

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111920\
 Data File : VN064727.D
 Acq On : 19 Nov 2020 12:49
 Operator : JC/MD
 Sample : VN1119WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1119WBSD01

Manual Integrations
 APPROVED

MMDadoda
 11/24/2020 3:11:17 PM

Quant Time: Nov 20 04:21:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N111820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 18 15:29:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	253267	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	428213	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	410232	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	187335	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	219314	49.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.44%	
35) Dibromofluoromethane	7.55	113	122550	50.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.56%	
50) Toluene-d8	10.06	98	547648	49.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.88%	
62) 4-Bromofluorobenzene	12.37	95	198058	47.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	54764	17.305	ug/l	98
3) Chloromethane	2.04	50	63310	18.092	ug/l	96
4) Vinyl Chloride	2.17	62	72658	19.899	ug/l	97
5) Bromomethane	2.54	94	55037	20.555	ug/l	98
6) Chloroethane	2.68	64	54022	21.928	ug/l	96
7) Trichlorofluoromethane	2.99	101	127142	19.442	ug/l	94
8) Diethyl Ether	3.37	74	45652	21.635	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.72	101	52593	18.609	ug/l	99
10) Methyl Iodide	3.91	142	58021	17.175	ug/l	99
11) Tert butyl alcohol	4.74	59	41217	95.356	ug/l #	85
12) 1,1-Dichloroethene	3.69	96	48028	17.639	ug/l	96
13) Acrolein	3.56	56	12913	127.601	ug/l	96
14) Allyl chloride	4.28	41	82371	17.618	ug/l	98
15) Acrylonitrile	4.93	53	120814	95.188	ug/l	99
16) Acetone	3.78	43	102061	97.825	ug/l	99
17) Carbon Disulfide	4.01	76	141648	17.972	ug/l	99
18) Methyl Acetate	4.28	43	59985	19.191	ug/l	99
19) Methyl tert-butyl Ether	5.00	73	165790	18.197	ug/l	94
20) Methylene Chloride	4.50	84	60429	18.316	ug/l	97
21) trans-1,2-Dichloroethene	4.99	96	53616	17.647	ug/l	97
22) Diisopropyl ether	5.90	45	184462	18.682	ug/l	97
23) Vinyl Acetate	5.84	43	749088	94.008	ug/l	100
24) 1,1-Dichloroethane	5.80	63	106899	18.479	ug/l	98
25) 2-Butanone	6.78	43	166241	97.594	ug/l	98
26) 2,2-Dichloropropane	6.78	77	100017	18.195	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	59983	17.907	ug/l	98
28) Bromochloromethane	7.14	49	51382	17.616	ug/l	99
29) Tetrahydrofuran	7.17	42	109979	95.557	ug/l	98
30) Chloroform	7.33	83	118658	18.875	ug/l	97
31) Cyclohexane	7.61	56	84459	17.534	ug/l #	85
32) 1,1,1-Trichloroethane	7.53	97	103614	18.033	ug/l	99
36) 1,1-Dichloropropene	7.75	75	82620	18.754	ug/l	98
37) Ethyl Acetate	6.88	43	73537	19.935	ug/l #	81
38) Carbon Tetrachloride	7.73	117	89502	19.116	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	69297	17.753	ug/l	97
40) Benzene	8.00	78	237690	19.364	ug/l	98
41) Methacrylonitrile	7.13	41	38026	22.490	ug/l #	84
42) 1,2-Dichloroethane	8.08	62	104173	19.724	ug/l	99
43) Isopropyl Acetate	8.13	43	127364	17.813	ug/l	97
44) Trichloroethene	8.80	130	67163	19.065	ug/l	96
45) 1,2-Dichloropropane	9.08	63	62810	19.196	ug/l	98
46) Dibromomethane	9.17	93	46054	19.857	ug/l	99
47) Bromodichloromethane	9.37	83	93945	19.267	ug/l	98
48) Methyl methacrylate	9.16	41	64465	19.108	ug/l	94
49) 1,4-Dioxane	9.17	88	16428	390.301	ug/l	96
51) 4-Methyl-2-Pentanone	9.95	43	391146	94.530	ug/l	99
52) Toluene	10.12	92	146921	19.434	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	98248	18.828	ug/l	96
54) cis-1,3-Dichloropropene	9.81	75	100030	18.616	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	72286	23.839	ug/l	99
56) Ethyl methacrylate	10.40	69	76726	17.265	ug/l	96
57) 1,3-Dichloropropane	10.68	76	110458	21.029	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	222493	90.682	ug/l	99
59) 2-Hexanone	10.72	43	298775	99.487	ug/l	98
60) Dibromochloromethane	10.87	129	67240	19.193	ug/l	99
61) 1,2-Dibromoethane	10.98	107	61395	18.983	ug/l	99
64) Tetrachloroethene	10.60	164	77630	21.346	ug/l	98
65) Chlorobenzene	11.40	112	159679	18.298	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	60947	18.692	ug/l	99
67) Ethyl Benzene	11.48	91	273717	17.790	ug/l	99
68) m/p-Xylenes	11.59	106	203186	35.262	ug/l	98
69) o-Xylene	11.92	106	93758	17.467	ug/l	98
70) Styrene	11.94	104	164091	17.416	ug/l	98
71) Bromoform	12.10	173	40858	17.778	ug/l #	99
73) Isopropylbenzene	12.22	105	250392	18.825	ug/l	98
74) N-amyl acetate	12.04	43	110736	17.827	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	70095	18.850	ug/l	99
76) 1,2,3-Trichloropropane	12.52	75	79380m	19.666	ug/l	
77) Bromobenzene	12.50	156	62234	18.552	ug/l	99
78) n-propylbenzene	12.56	91	294333	19.002	ug/l	99
79) 2-Chlorotoluene	12.65	91	184080	18.568	ug/l	97
80) 1,3,5-Trimethylbenzene	12.71	105	212372	19.221	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	25629	17.392	ug/l	98
82) 4-Chlorotoluene	12.75	91	198819	18.808	ug/l	99
83) tert-Butylbenzene	12.97	119	158839	18.583	ug/l	96
84) 1,2,4-Trimethylbenzene	13.01	105	216464	19.196	ug/l	98
85) sec-Butylbenzene	13.14	105	215316	18.899	ug/l	100
86) p-Isopropyltoluene	13.26	119	193861	18.502	ug/l	99
87) 1,3-Dichlorobenzene	13.25	146	110654	18.104	ug/l	98
88) 1,4-Dichlorobenzene	13.33	146	113355	18.064	ug/l	98
89) n-Butylbenzene	13.59	91	176902	18.085	ug/l	97
90) Hexachloroethane	13.85	117	33905	19.574	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	105821	17.714	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	17979	18.424	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	56236	18.172	ug/l	99
94) Hexachlorobutadiene	14.98	225	24849	18.355	ug/l	96
95) Naphthalene	15.10	128	171829	16.319	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	52818	17.447	ug/l	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

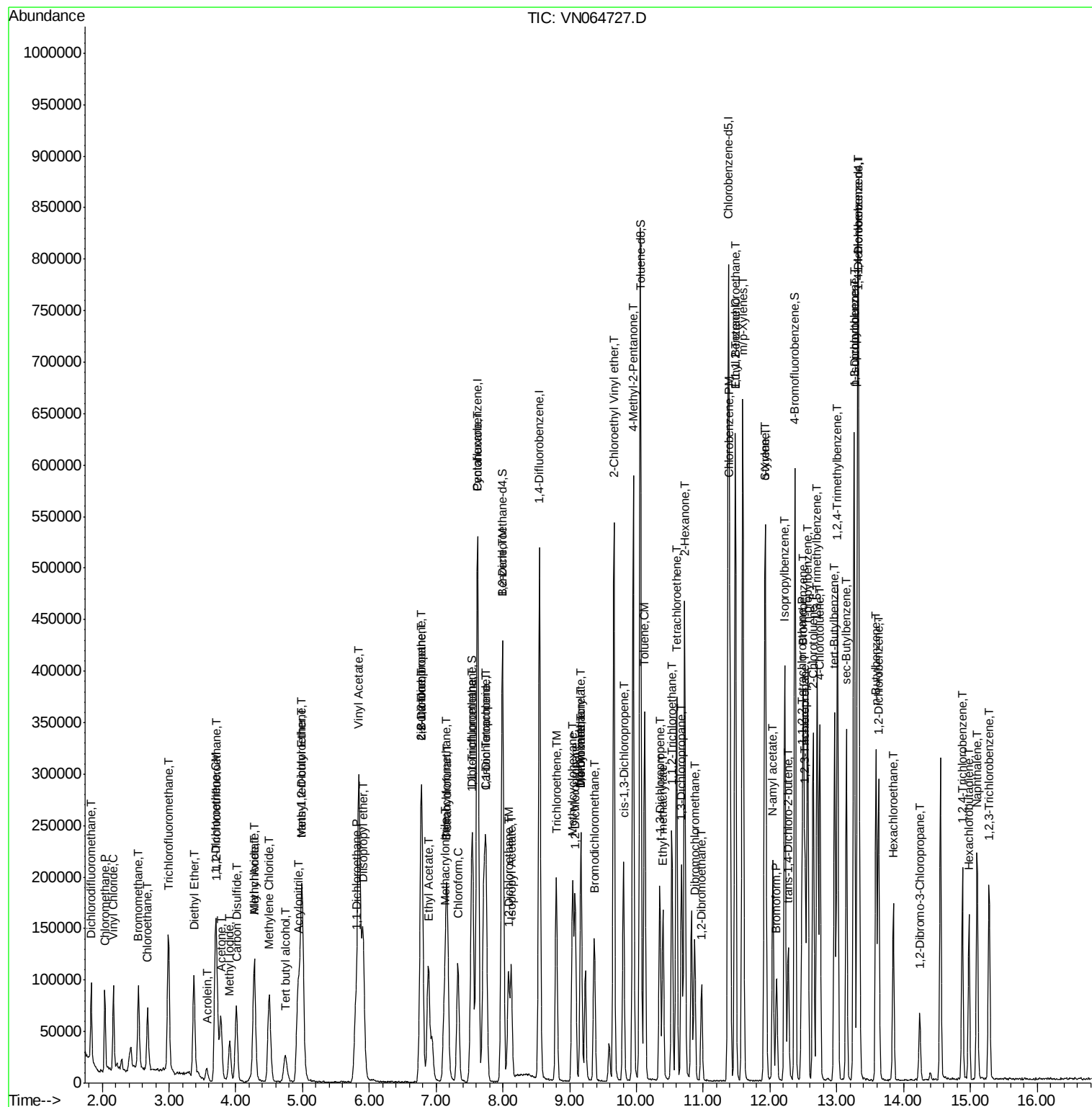
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN111920\
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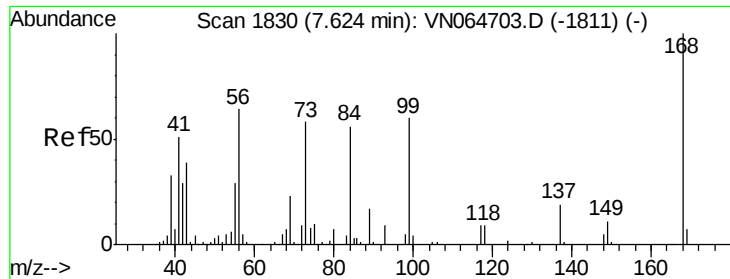
Instrument :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN064727.D

Acq: 19 Nov 2020 12:49

Instrument :

MSVOA_N

ClientSampleId :

VN1119WBSD01

Tot Ion:168 Resp: 253267

Ion Ratio Lower Upper

168 100

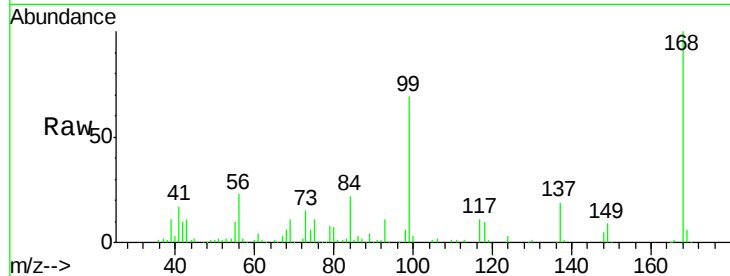
99 68.6 55.7 83.5

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.62

120000

100000

80000

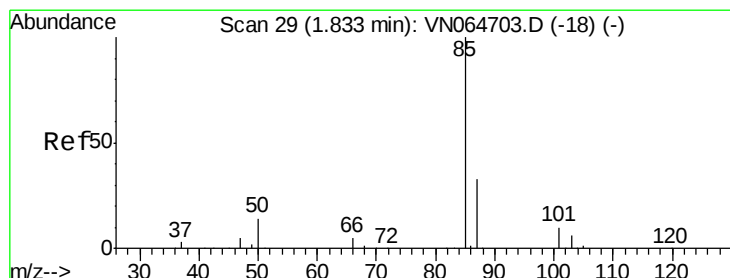
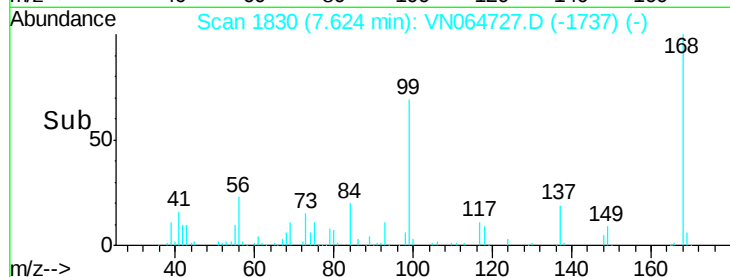
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 17.305 ug/l

RT: 1.83 min Scan# 29

Delta R.T. -0.00 min

Lab File: VN064727.D

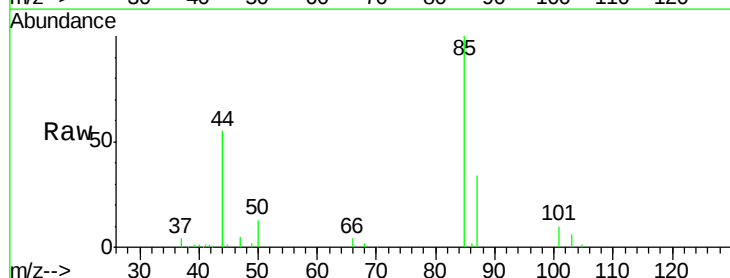
Acq: 19 Nov 2020 12:49

Tgt Ion: 85 Resp: 54764

Ion Ratio Lower Upper

85 100

87 33.9 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

40000

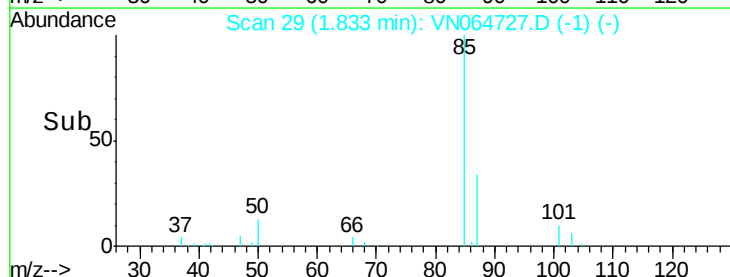
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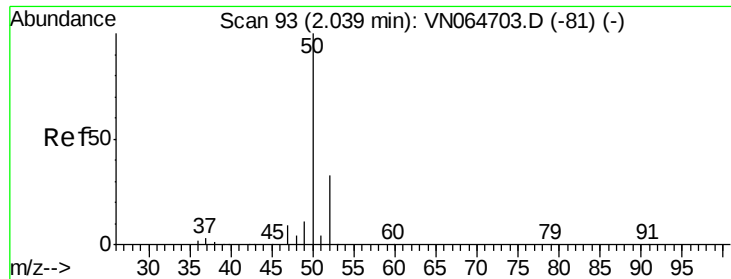
20000

10000

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Time-->





#3

Chloromethane

Concen: 18.092 ug/l

RT: 2.04 min Scan# 93

Delta R.T. -0.00 min

Lab File: VN064727.D

Acq: 19 Nov 2020 12:49

Instrument :

MSVOA_N

ClientSampleId :

VN1119WBSD01

Tot Ion: 50 Resp: 63310

Ion Ratio Lower Upper

50 100

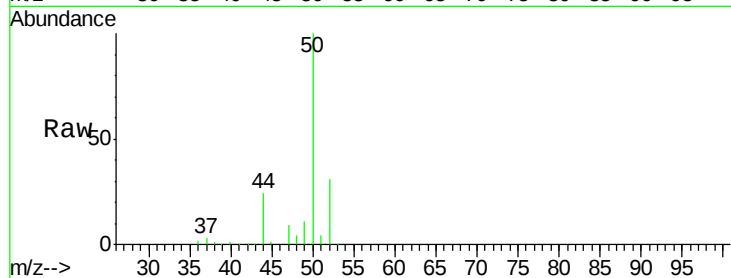
52 31.0 26.4 39.6

Manual Integrations

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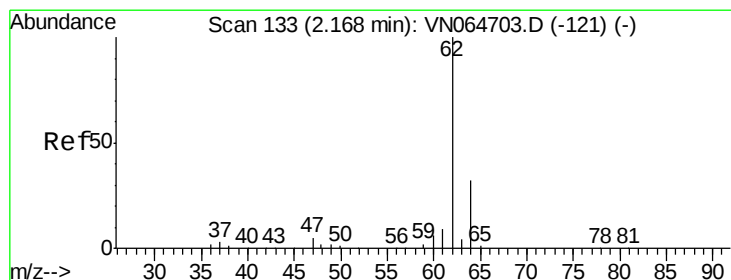
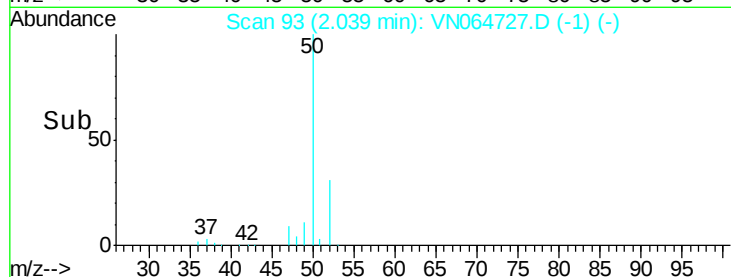
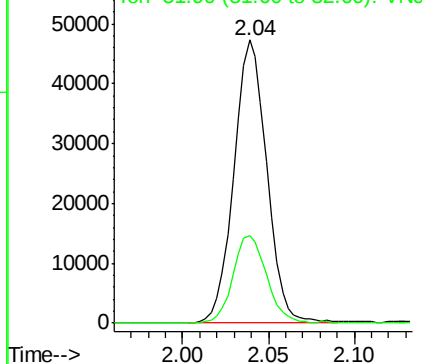
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Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO



#4

Vinyl Chloride

Concen: 19.899 ug/l

RT: 2.17 min Scan# 133

Delta R.T. -0.00 min

Lab File: VN064727.D

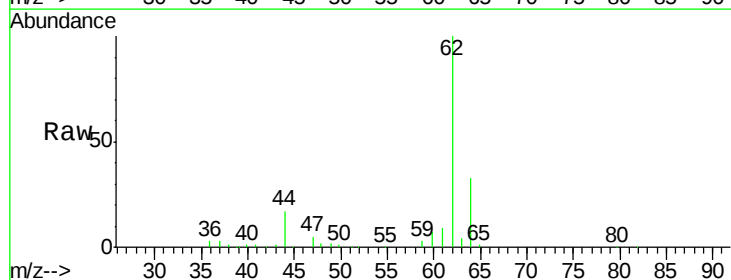
Acq: 19 Nov 2020 12:49

Tgt Ion: 62 Resp: 72658

Ion Ratio Lower Upper

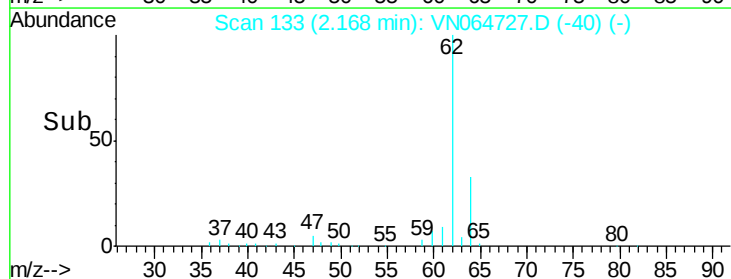
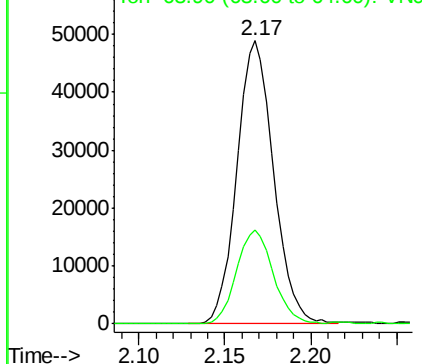
62 100

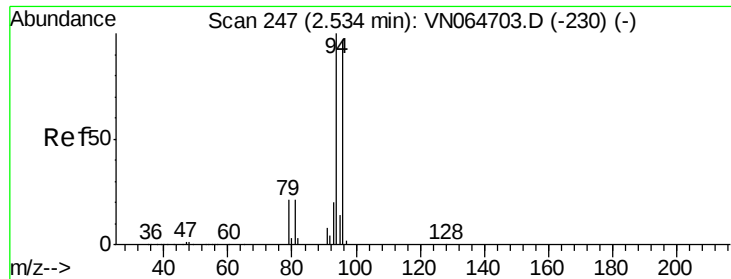
64 33.0 25.2 37.8



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO





#5

Bromomethane

Concen: 20.555 ug/l

RT: 2.54 min Scan# 249

Delta R.T. 0.01 min

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Tot Ion: 94 Resp: 55037

Ion Ratio Lower Upper

94 100

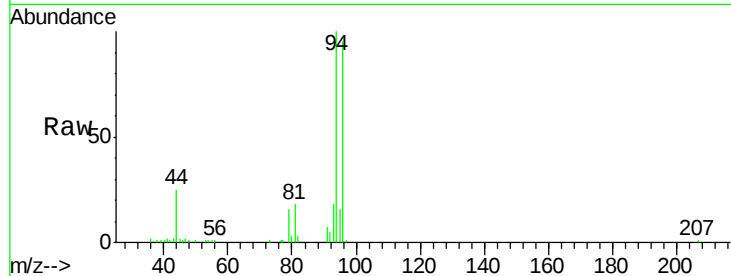
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Manual Integrations

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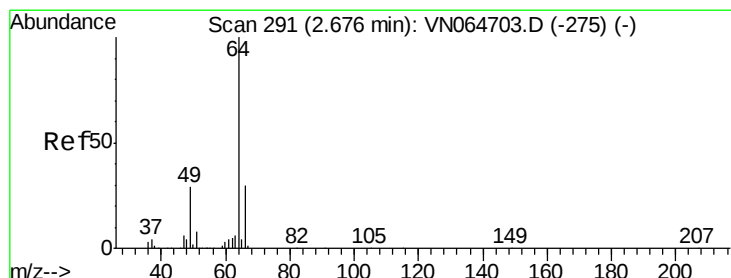
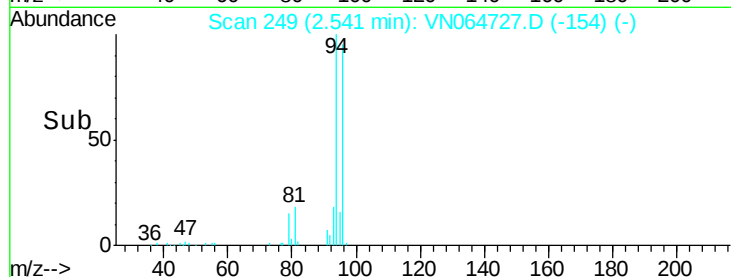
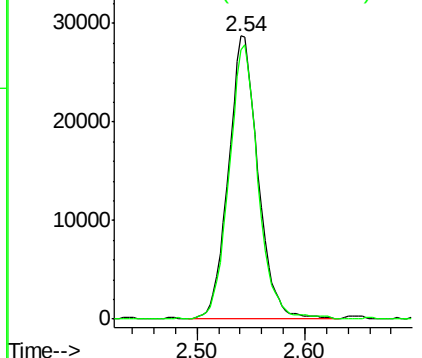
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Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 21.928 ug/l

RT: 2.68 min Scan# 292

Delta R.T. 0.00 min

Lab File: VN064727.D

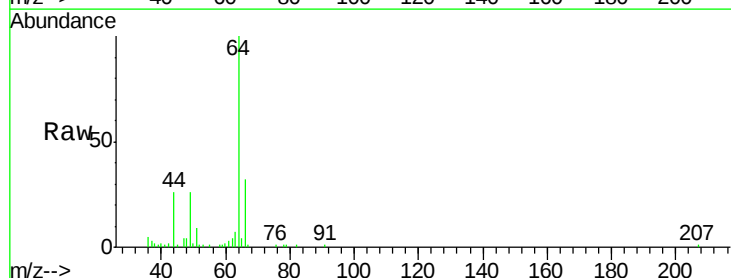
Acq: 19 Nov 2020 12:49

Tgt Ion: 64 Resp: 54022

Ion Ratio Lower Upper

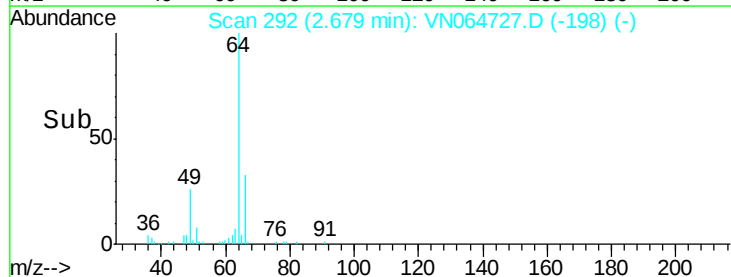
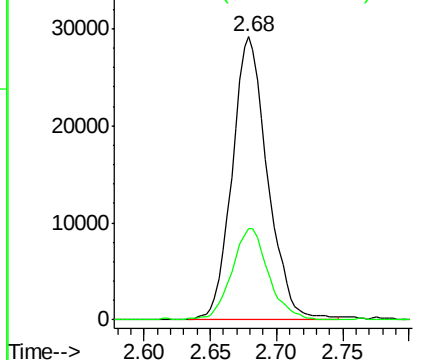
64 100

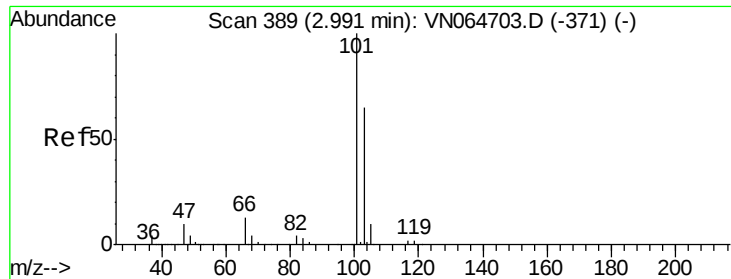
66 32.4 24.2 36.2



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0





#7

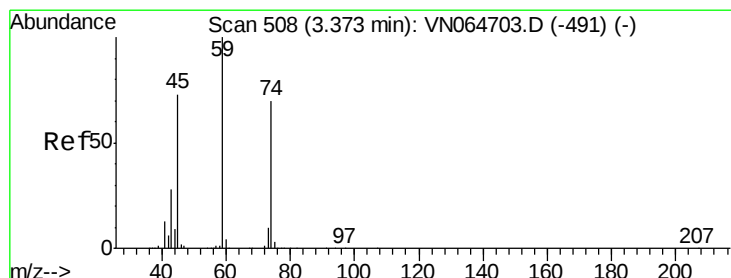
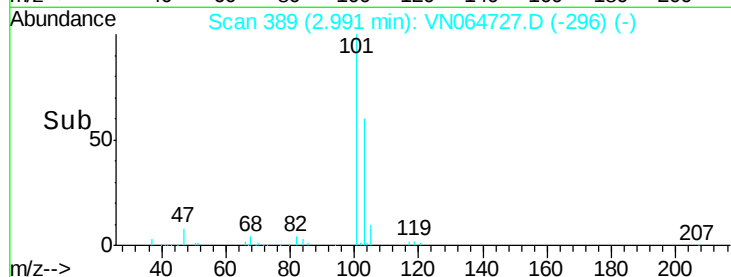
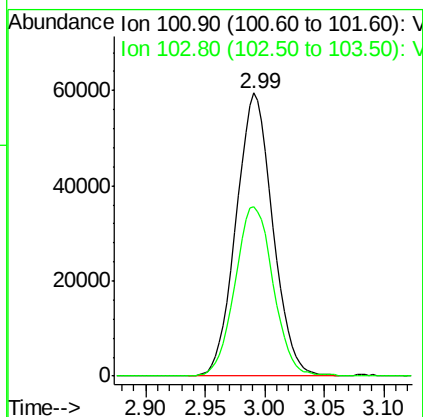
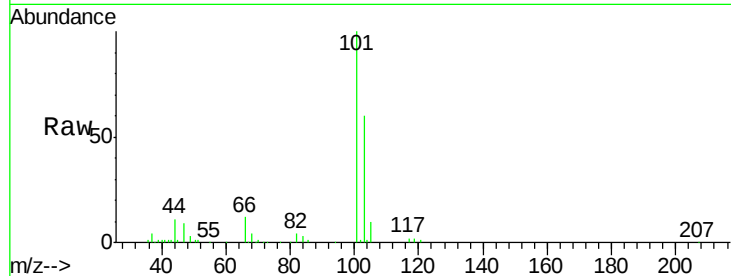
Trichlorofluoromethane
 Concen: 19.442 ug/l
 RT: 2.99 min Scan# 389
 Delta R.T. -0.00 min
 Lab File: VN064727.D
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Tot Ion	Ratio	Resp	Lower	Upper
101	100	127142		
103	59.7	51.8	77.6	

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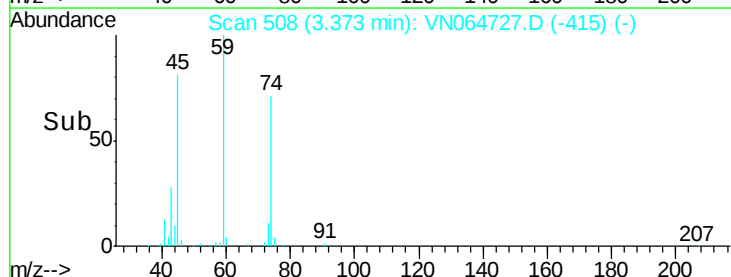
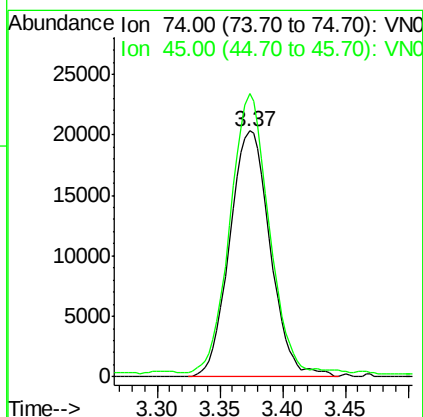
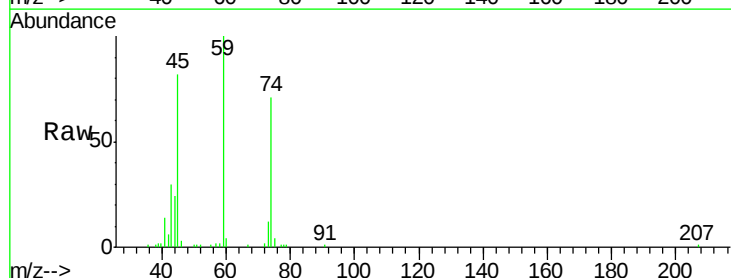
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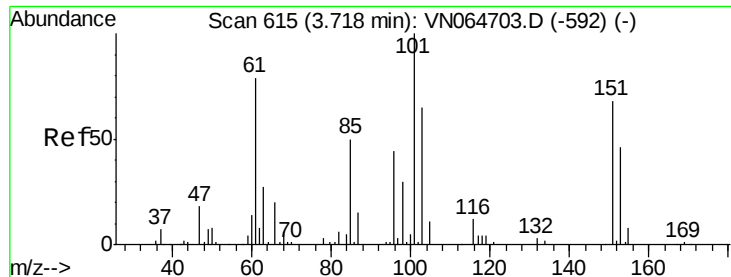


#8

Diethyl Ether
 Concen: 21.635 ug/l
 RT: 3.37 min Scan# 508
 Delta R.T. -0.00 min
 Lab File: VN064727.D
 Acq: 19 Nov 2020 12:49

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	45652		
45	107.5	52.8	158.5	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.609 ug/l

RT: 3.72 min Scan# 615

Delta R.T. -0.00 min

Lab File: VN064727.D

Acq: 19 Nov 2020 12:49

Instrument :

MSVOA_N

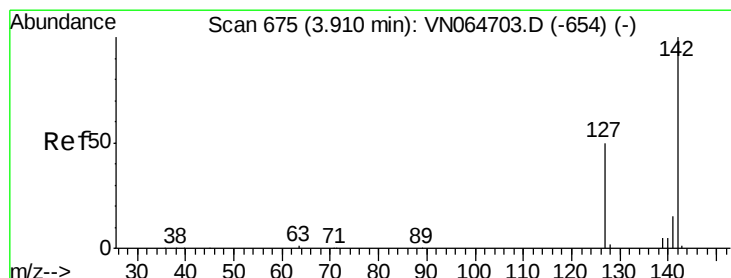
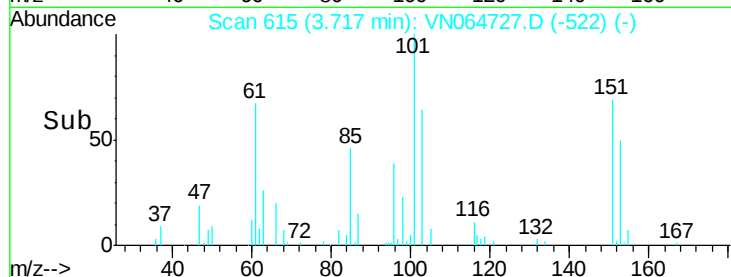
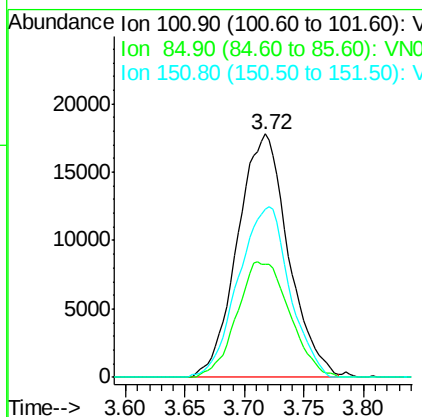
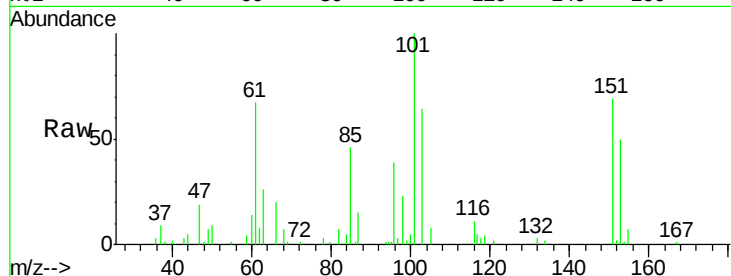
ClientSampleId :

VN1119WBSD01

Tot Ion:	101	Resp:	52593
Ion Ratio	Lower	Upper	
101	100		
85	48.9	39.0	58.4
151	70.8	57.2	85.8

Manual Integrations
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#10

Methyl Iodide

Concen: 17.175 ug/l

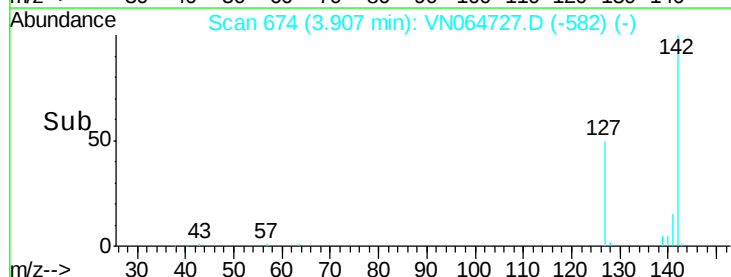
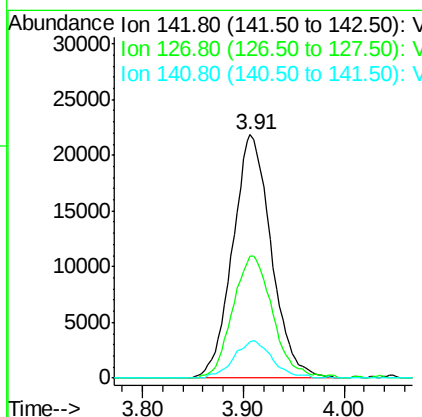
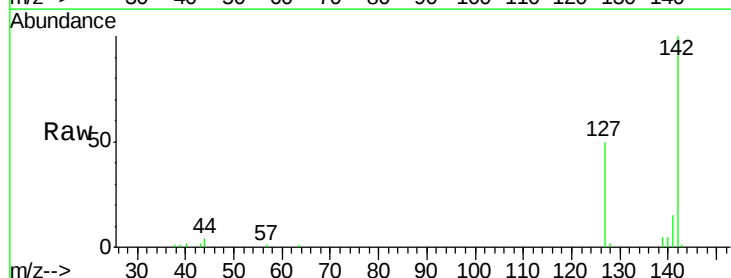
RT: 3.91 min Scan# 674

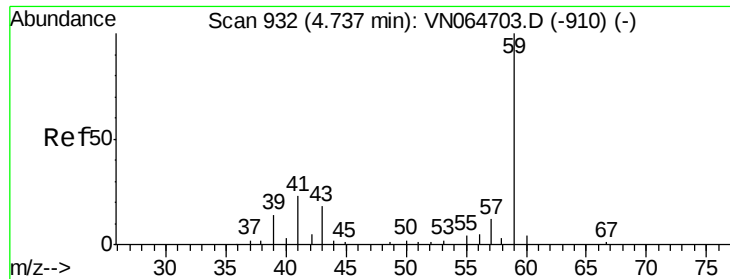
Delta R.T. -0.00 min

Lab File: VN064727.D

Acq: 19 Nov 2020 12:49

Tgt Ion:	142	Resp:	58021
Ion Ratio	Lower	Upper	
142	100		
127	51.8	42.0	63.0
141	15.0	12.1	18.1





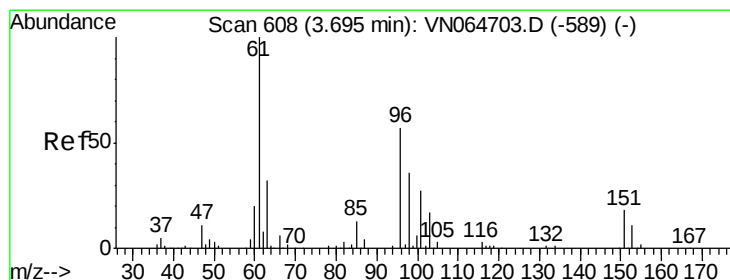
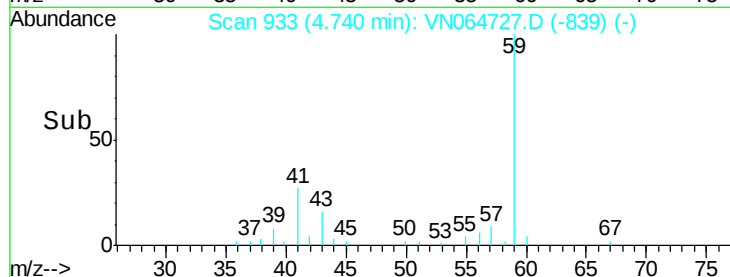
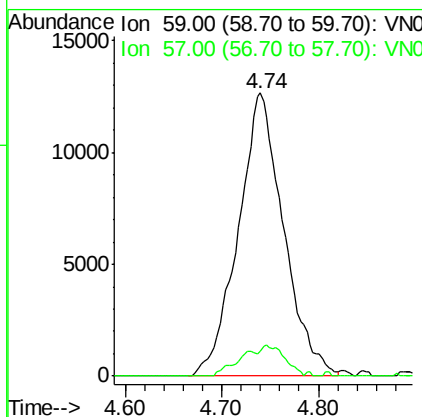
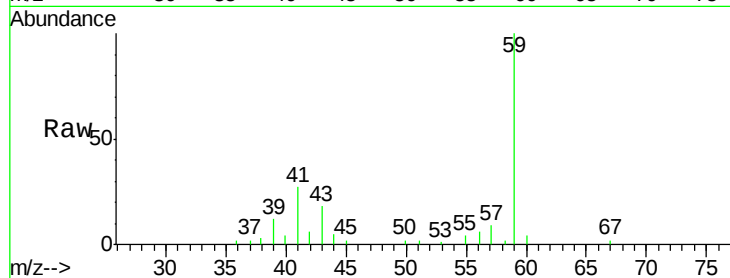
#11
Tert butyl alcohol
Concen: 95.356 ug/l
RT: 4.74 min Scan# 933
Delta R.T. 0.00 min
Lab File: VN064727.D
Acq: 19 Nov 2020 12:49

Instrument :
MSVOA_N
ClientSampleId :
VN1119WBSD01

Tot Ion	Ratio	Lower	Upper
59	100		
57	5.8	9.1	13.7#

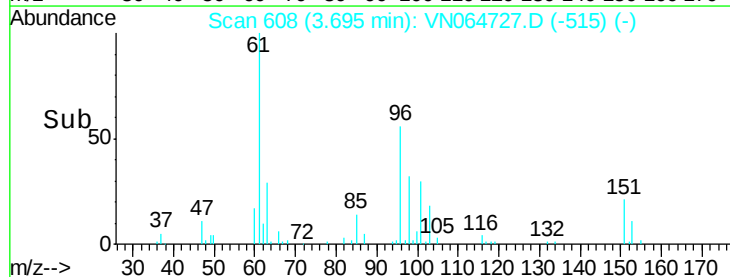
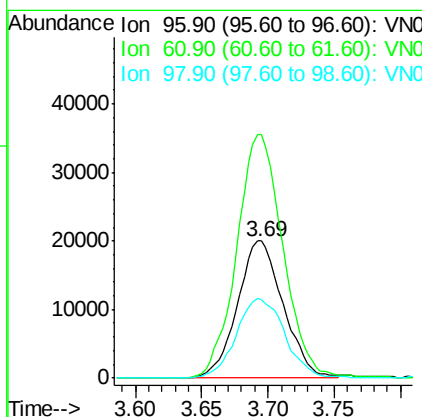
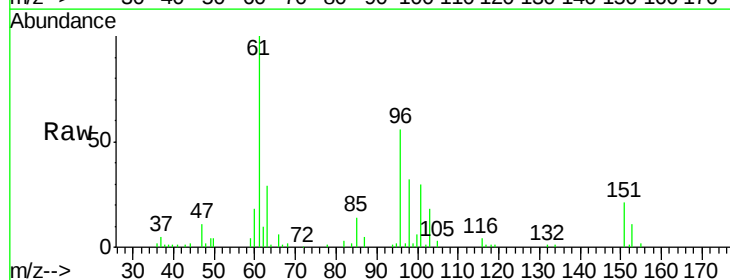
Manual Integrations
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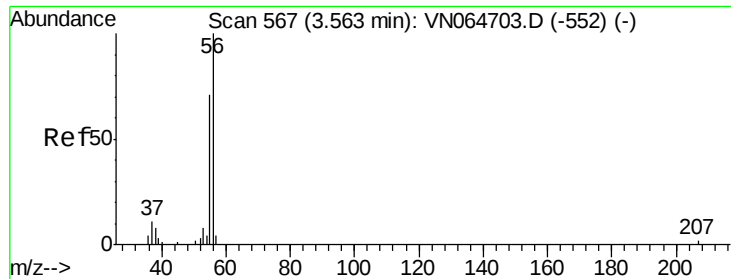
MMDadoda
11/24/2020 3:11:17 PM



#12
1,1-Dichloroethene
Concen: 17.639 ug/l
RT: 3.69 min Scan# 608
Delta R.T. -0.00 min
Lab File: VN064727.D
Acq: 19 Nov 2020 12:49

Tgt Ion	Ratio	Lower	Upper
96	100		
61	177.3	139.1	208.7
98	57.2	50.2	75.2





#13

Acrolein

Concen: 127.601 ug/l

RT: 3.56 min Scan# 566

Delta R.T. -0.00 min

Lab File: VN064727.D

Acq: 19 Nov 2020 12:49

Instrument :

MSVOA_N

ClientSampleId :

VN1119WBSD01

Tot Ion: 56 Resp: 12913

Ion Ratio Lower Upper

56 100

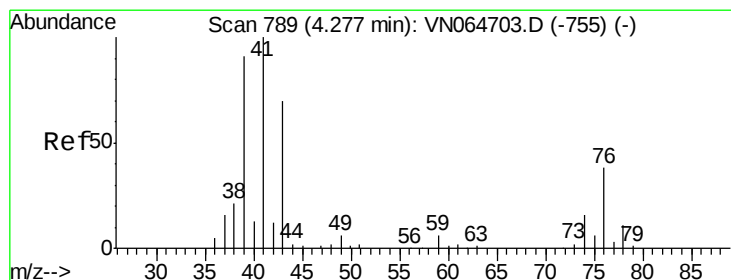
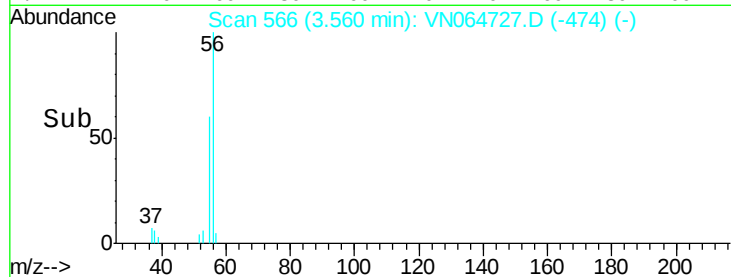
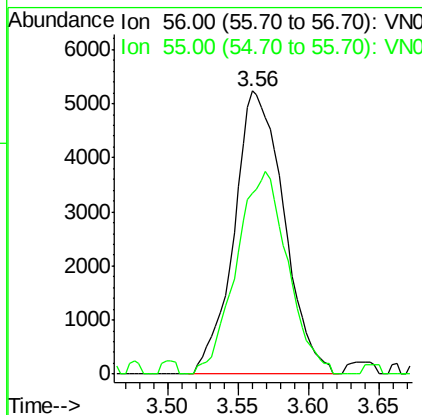
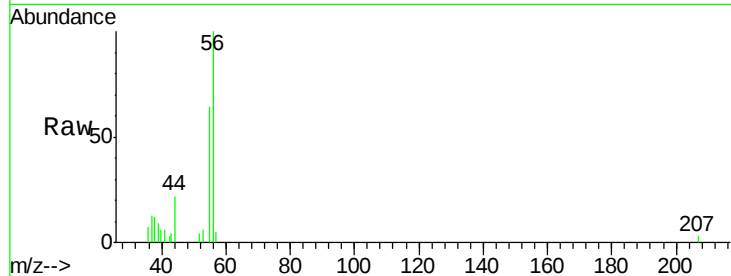
55 73.7 61.8 92.6

Manual Integrations

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#14

Allyl chloride

Concen: 17.618 ug/l

RT: 4.28 min Scan# 789

Delta R.T. -0.00 min

Lab File: VN064727.D

Acq: 19 Nov 2020 12:49

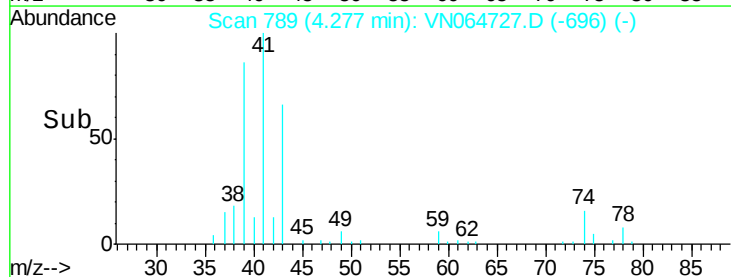
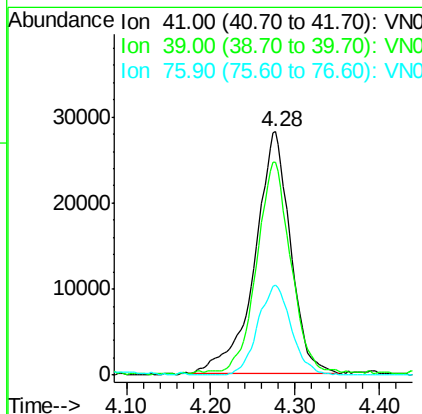
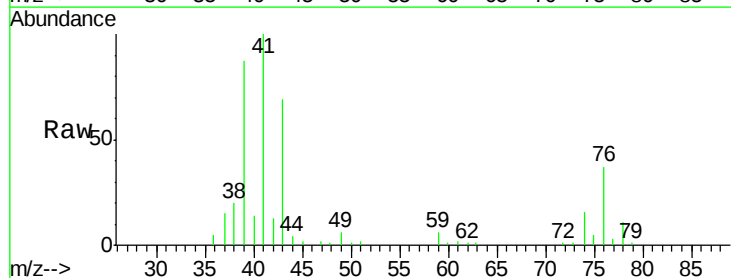
Tgt Ion: 41 Resp: 82371

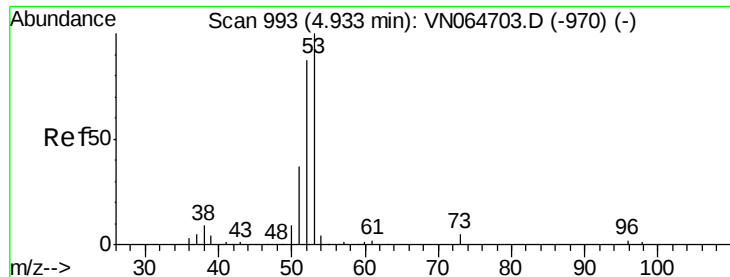
Ion Ratio Lower Upper

41 100

39 81.6 66.1 99.1

76 35.0 26.6 40.0





#15

Acrylonitrile

Concen: 95.188 ug/l

RT: 4.93 min Scan# 992

Delta R.T. -0.00 min

Lab File: VN064727.D

Acq: 19 Nov 2020 12:49

Instrument :

MSVOA_N

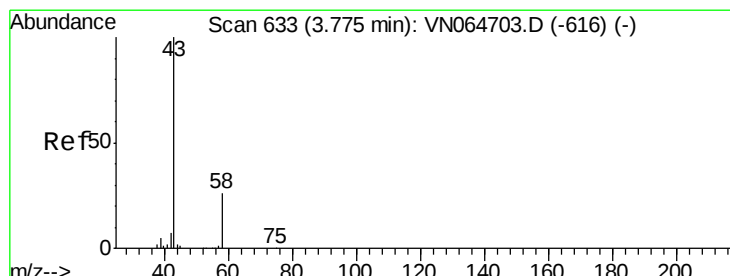
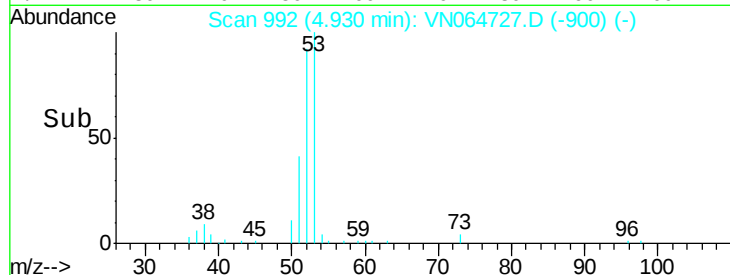
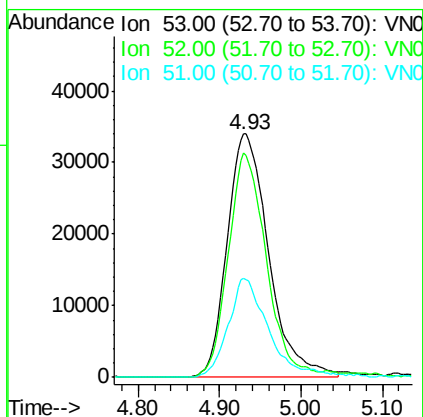
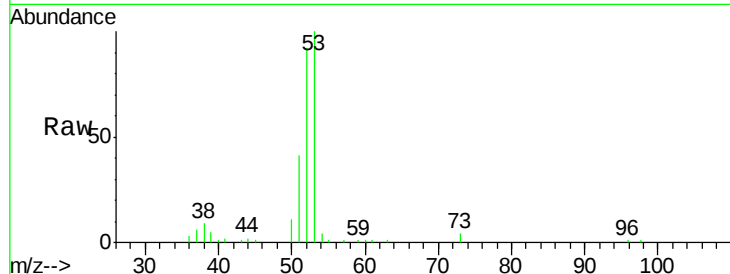
ClientSampleId :

VN1119WBSD01

Tot Ion:	53	Resp:	120814
Ion	Ratio	Lower	Upper
53	100		
52	83.9	67.2	100.8
51	37.8	31.0	46.6

Manual Integrations
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#16

Acetone

Concen: 97.825 ug/l

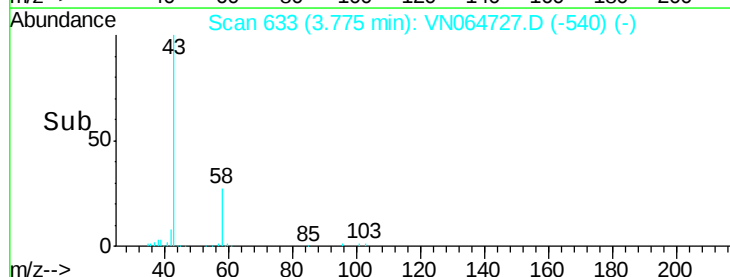
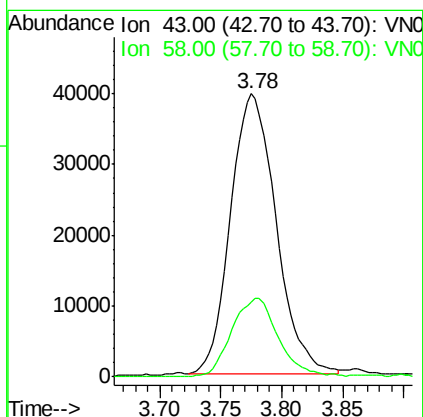
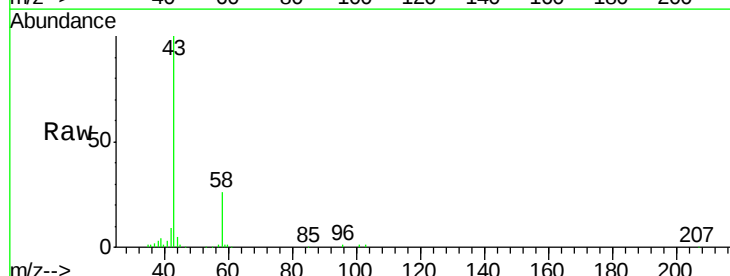
RT: 3.78 min Scan# 633

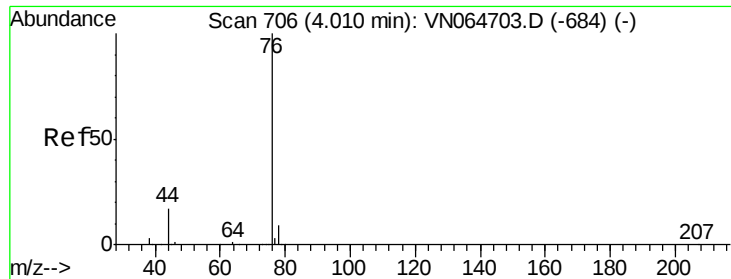
Delta R.T. 0.00 min

Lab File: VN064727.D

Acq: 19 Nov 2020 12:49

Tgt Ion:	43	Resp:	102061
Ion	Ratio	Lower	Upper
43	100		
58	26.8	21.2	31.8





#17

Carbon Disulfide

Concen: 17.972 ug/l

RT: 4.01 min Scan# 705

Delta R.T. -0.00 min

Lab File: VN064727.D

Acq: 19 Nov 2020 12:49

Instrument :

MSVOA_N

ClientSampleId :

VN1119WBSD01

Tot Ion: 76 Resp: 141648

Ion Ratio Lower Upper

76 100

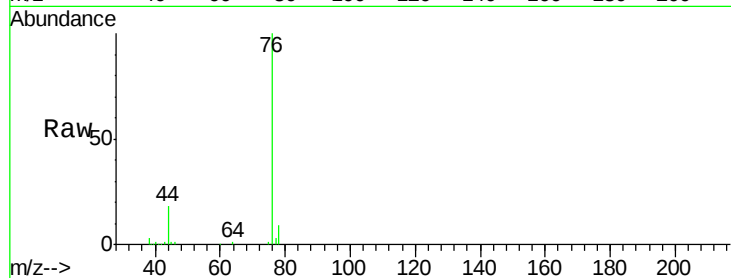
78 8.6 7.1 10.7

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

4.01

60000

50000

40000

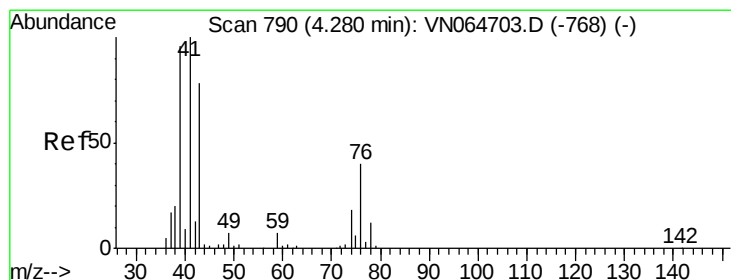
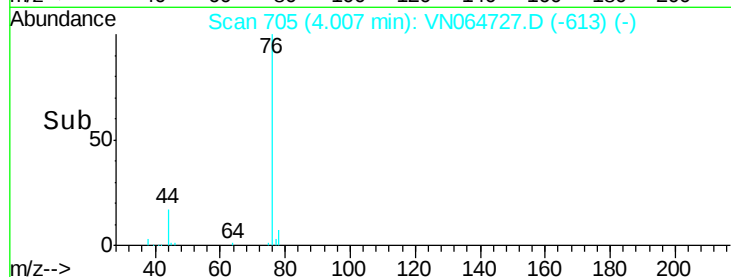
30000

20000

10000

0

Time-->



#18

Methyl Acetate

Concen: 19.191 ug/l

RT: 4.28 min Scan# 791

Delta R.T. 0.00 min

Lab File: VN064727.D

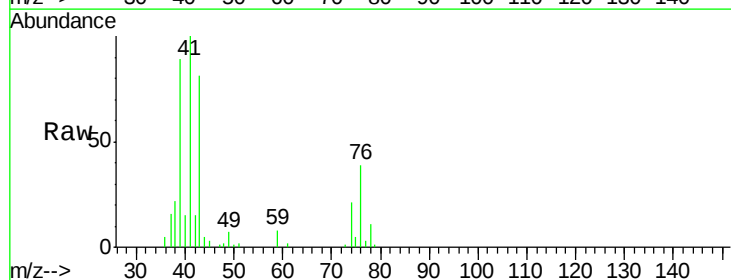
Acq: 19 Nov 2020 12:49

Tgt Ion: 43 Resp: 59985

Ion Ratio Lower Upper

43 100

74 22.5 17.6 26.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

4.28

20000

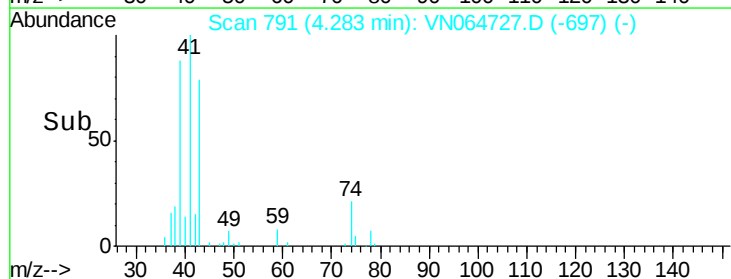
15000

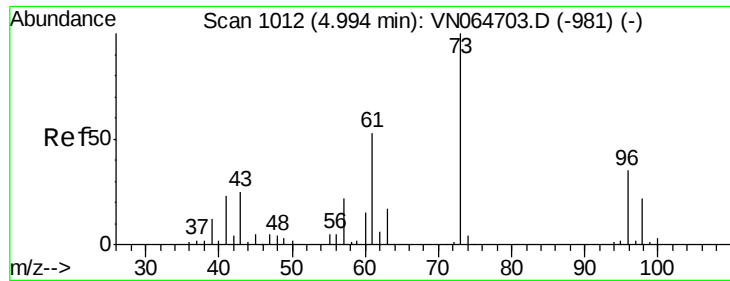
10000

5000

0

Time-->





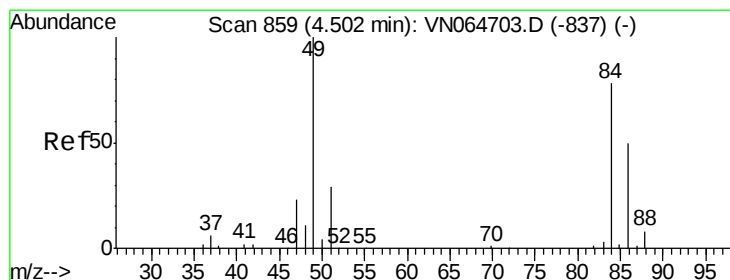
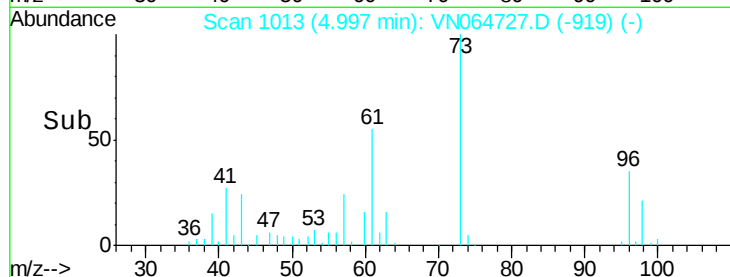
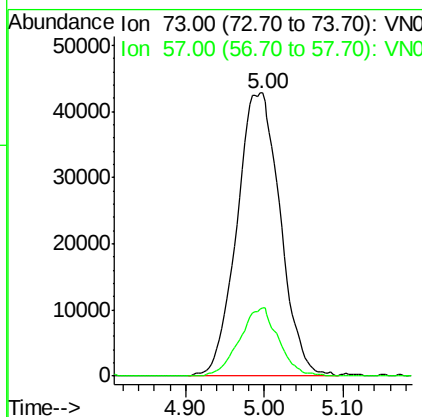
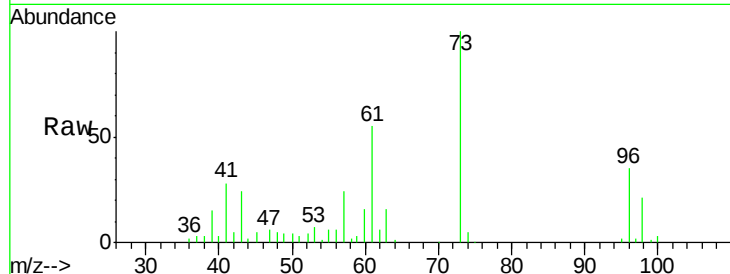
#19
Methvl tert-butvl Ether
Concen: 18.197 ug/l
RT: 5.00 min Scan# 1013
Delta R.T. 0.00 min
Lab File: VN064727.D
Acq: 19 Nov 2020 12:49

Instrument :
MSVOA_N
ClientSampleId :
VN1119WBSD01

Tot Ion: 73 Resp: 165790
Ion Ratio Lower Upper
73 100
57 24.3 17.3 25.9

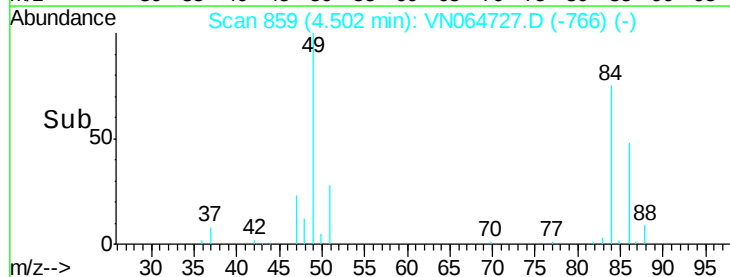
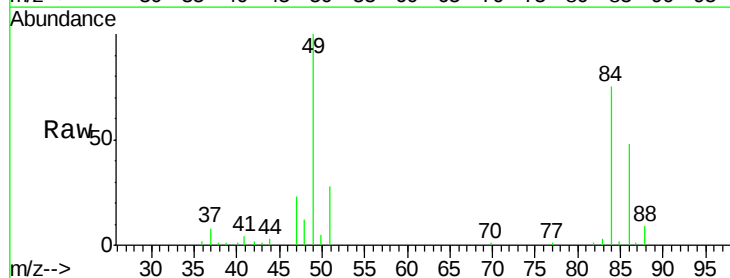
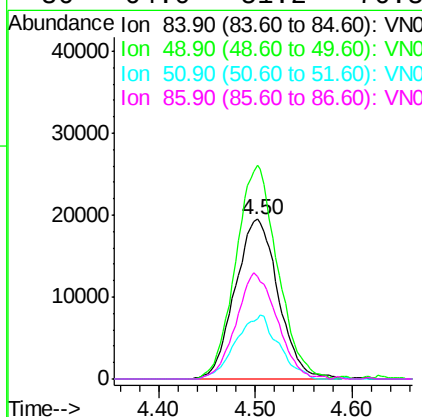
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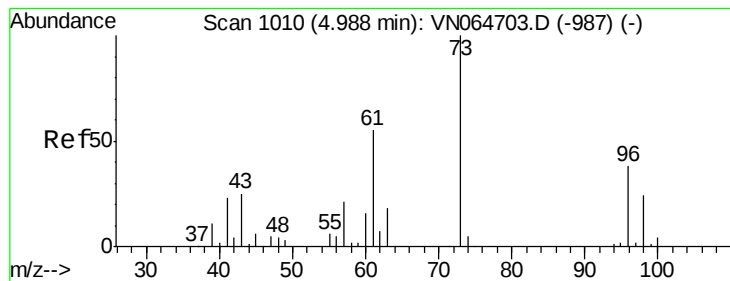
MMDadoda
11/24/2020 3:11:17 PM



#20
Methylene Chloride
Concen: 18.316 ug/l
RT: 4.50 min Scan# 859
Delta R.T. -0.00 min
Lab File: VN064727.D
Acq: 19 Nov 2020 12:49

Tgt Ion: 84 Resp: 60429
Ion Ratio Lower Upper
84 100
49 133.6 102.4 153.6
51 37.5 29.4 44.2
86 64.0 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 17.647 ug/l

RT: 4.99 min Scan# 1010

Delta R.T. -0.00 min

Lab File: VN064727.D

Acq: 19 Nov 2020 12:49

Instrument :

MSVOA_N

ClientSampleId :

VN1119WBSD01

Tot Ion: 96 Resp: 53616

Ion Ratio Lower Upper

96 100

61 151.7 117.9 176.9

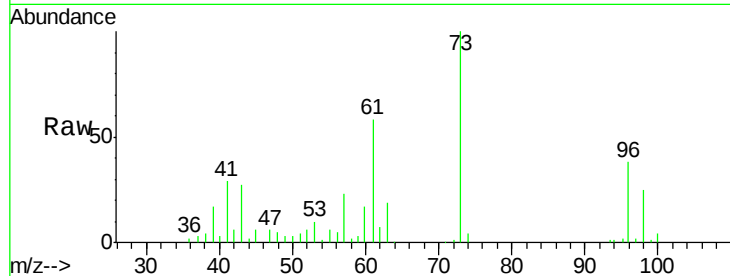
98 65.3 51.1 76.7

Manual Integrations

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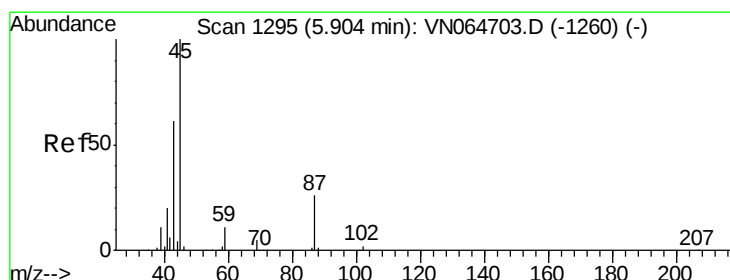
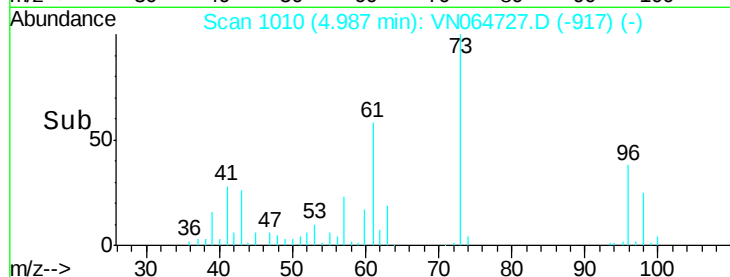
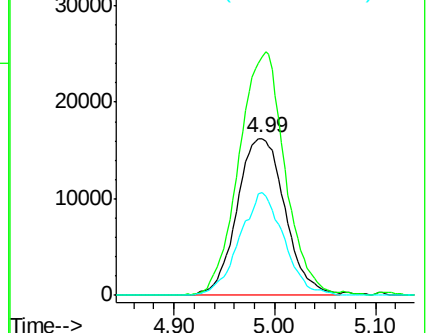
11/24/2020 3:11:17 PM



Abundance Ion 95.90 (95.60 to 96.60): VN064727.D (-917) (-)

Ion 60.90 (60.60 to 61.60): VN064727.D (-917) (-)

Ion 97.90 (97.60 to 98.60): VN064727.D (-917) (-)



#22

Diisopropyl ether

Concen: 18.682 ug/l

RT: 5.90 min Scan# 1295

Delta R.T. -0.00 min

Lab File: VN064727.D

Acq: 19 Nov 2020 12:49

Tgt Ion: 45 Resp: 184462

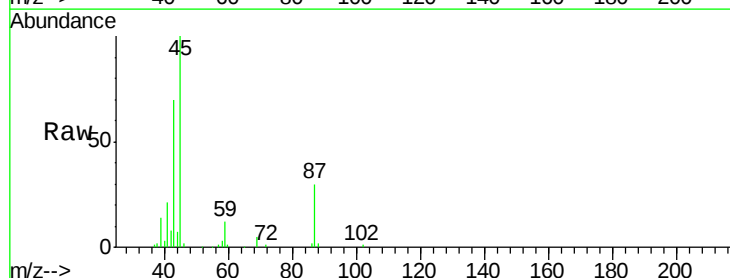
Ion Ratio Lower Upper

45 100

43 66.5 52.3 78.5

87 30.1 21.6 32.4

59 11.8 8.7 13.1

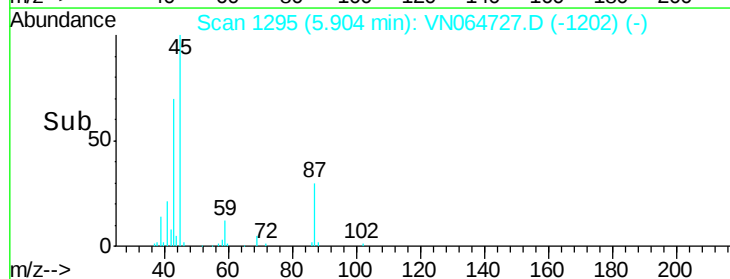
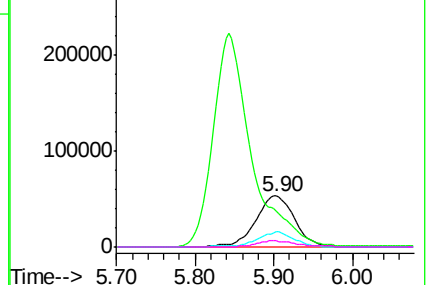


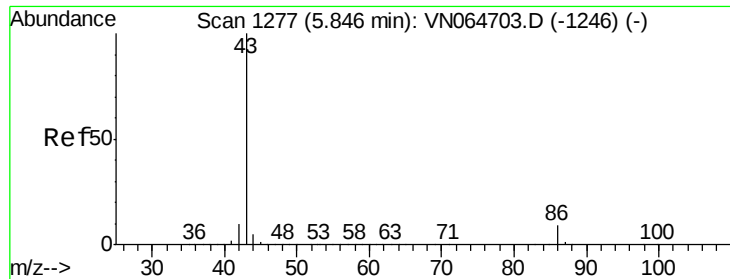
Abundance Ion 45.00 (44.70 to 45.70): VN064727.D (-1202) (-)

Ion 43.00 (42.70 to 43.70): VN064727.D (-1202) (-)

Ion 87.00 (86.70 to 87.70): VN064727.D (-1202) (-)

Ion 59.00 (58.70 to 59.70): VN064727.D (-1202) (-)





#23

Vinyl Acetate

Concen: 94.008 ug/l

RT: 5.84 min Scan# 1276

Delta R.T. -0.00 min

Lab File: VN064727.D

Acq: 19 Nov 2020 12:49

Instrument :

MSVOA_N

ClientSampleId :

VN1119WBSD01

Tot Ion: 43 Resp: 749088

Ion Ratio Lower Upper

43 100

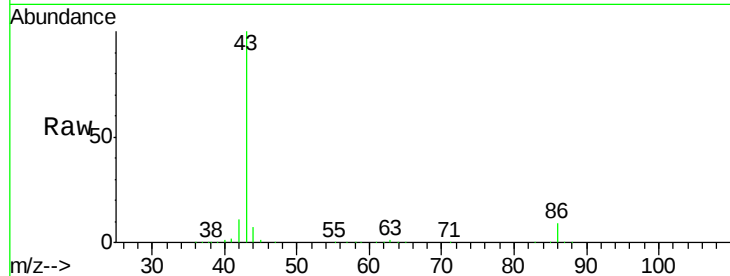
86 9.2 7.4 11.0

Manual Integrations

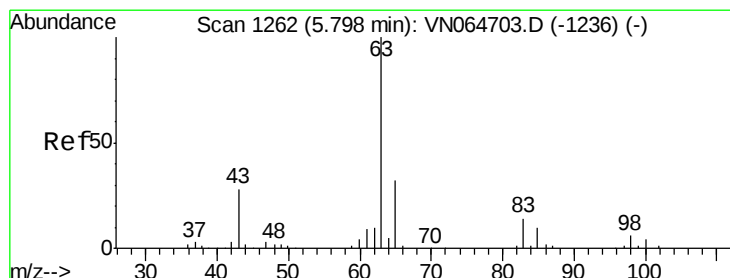
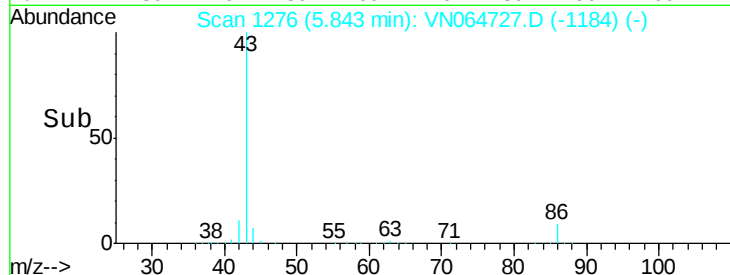
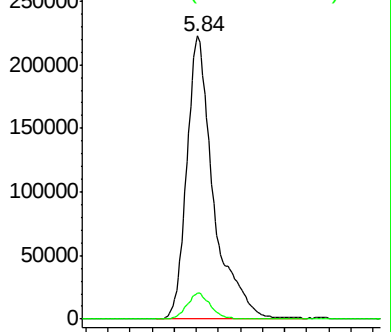
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Abundance Ion 43.00 (42.70 to 43.70): VN064727.D (-1184) (-)



#24

1,1-Dichloroethane

Concen: 18.479 ug/l

RT: 5.80 min Scan# 1262

Delta R.T. -0.00 min

Lab File: VN064727.D

Acq: 19 Nov 2020 12:49

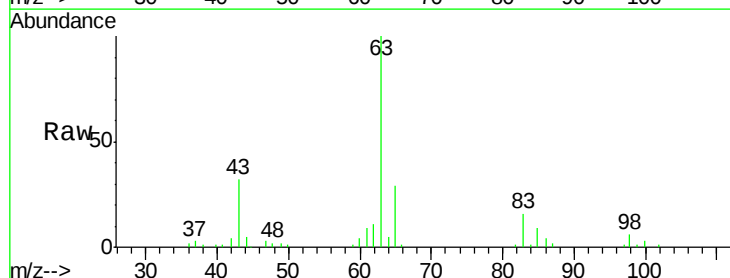
Tgt Ion: 63 Resp: 106899

Ion Ratio Lower Upper

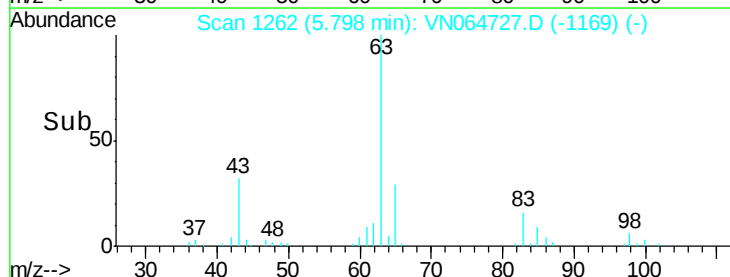
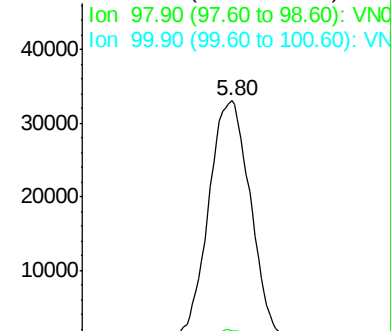
63 100

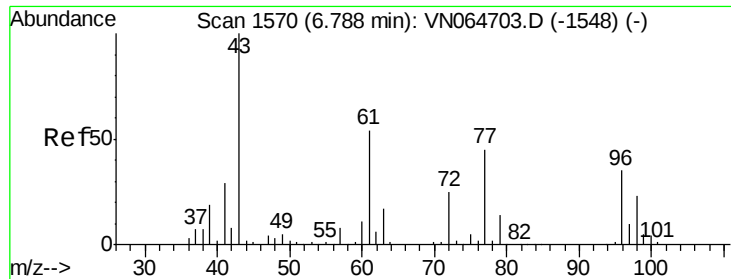
98 5.6 3.2 9.6

100 2.9 1.9 5.7



Abundance Ion 62.90 (62.60 to 63.60): VN064727.D (-1169) (-)





#25

2-Butanone

Concen: 97.594 ug/l

RT: 6.78 min Scan# 1569

Delta R.T. -0.00 min

Lab File: VN064727.D

Acq: 19 Nov 2020 12:49

Instrument :

MSVOA_N

ClientSampleId :

VN1119WBSD01

Tot Ion: 43 Resp: 166241

Ion Ratio Lower Upper

43 100

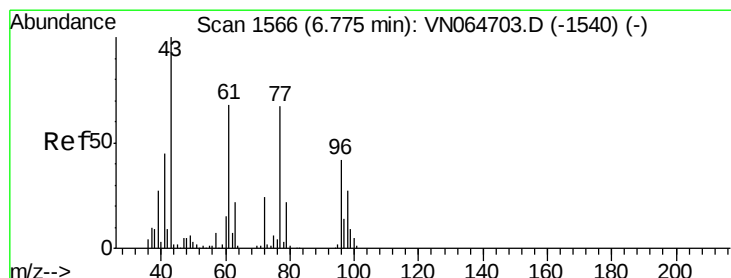
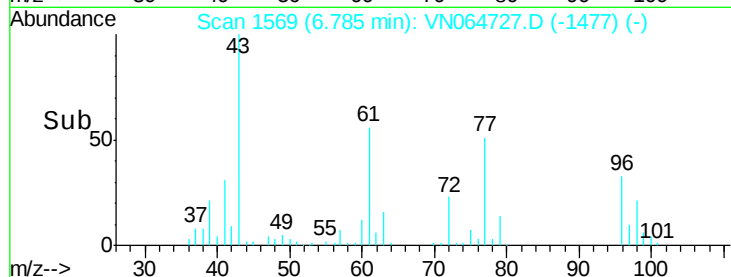
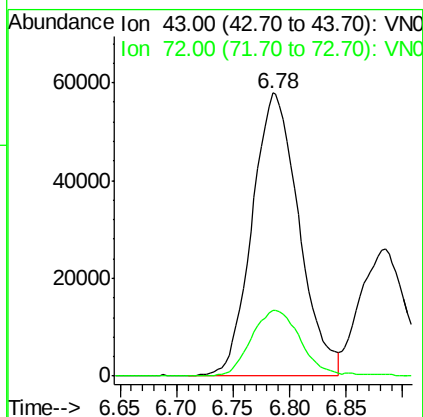
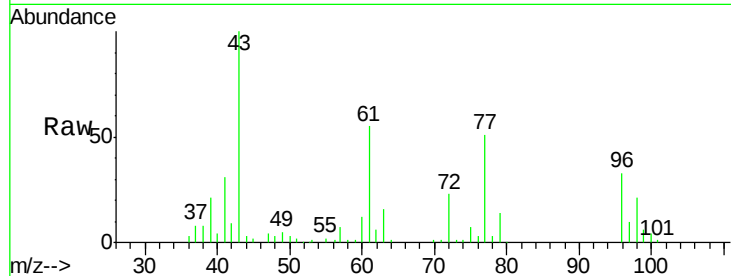
72 23.4 19.7 29.5

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 18.195 ug/l

RT: 6.78 min Scan# 1566

Delta R.T. -0.00 min

Lab File: VN064727.D

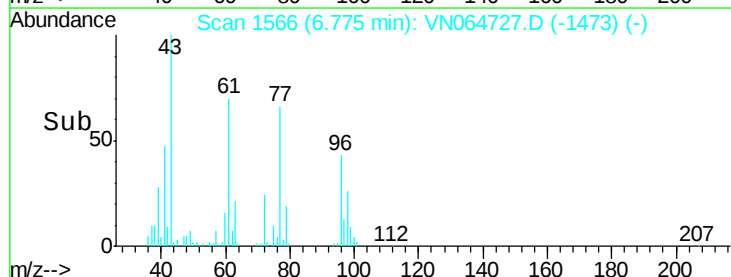
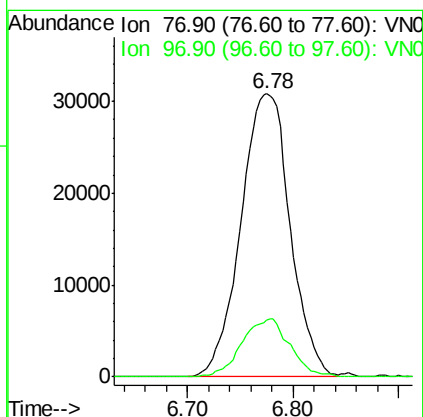
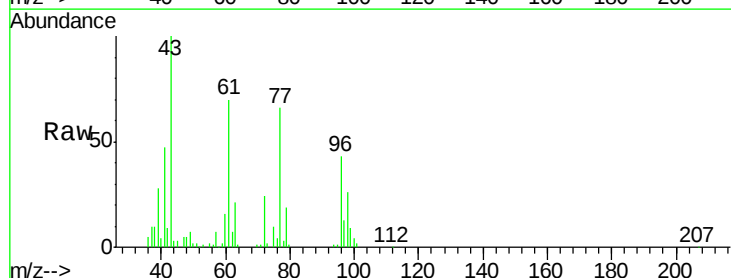
Acq: 19 Nov 2020 12:49

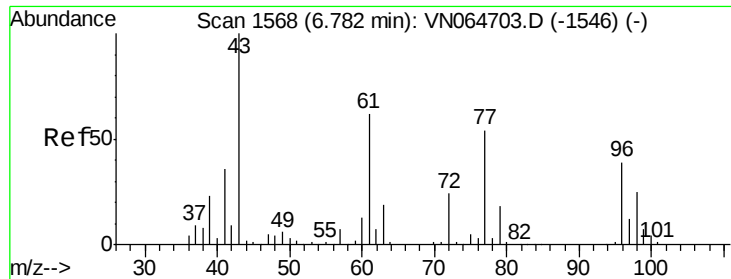
Tgt Ion: 77 Resp: 100017

Ion Ratio Lower Upper

77 100

97 20.0 10.5 31.5





#27

cis-1,2-Dichloroethene

Concen: 17.907 ug/l

RT: 6.78 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VN064727.D

Acq: 19 Nov 2020 12:49

Instrument :

MSVOA_N

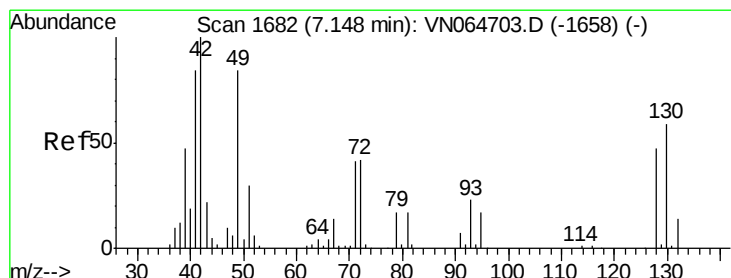
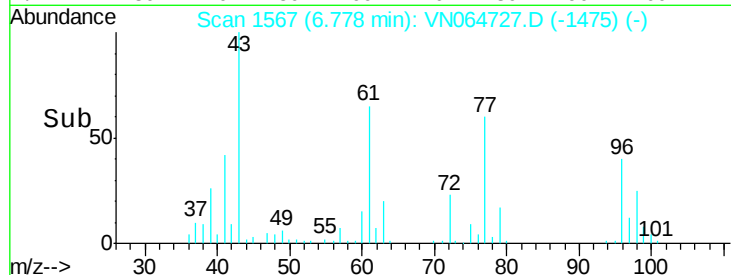
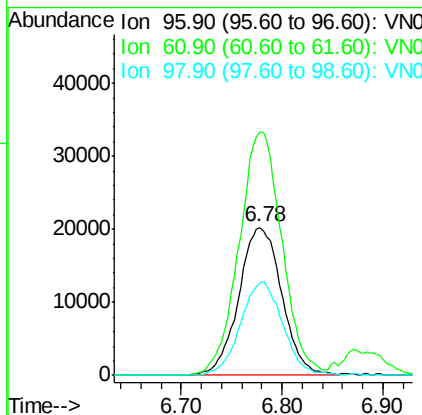
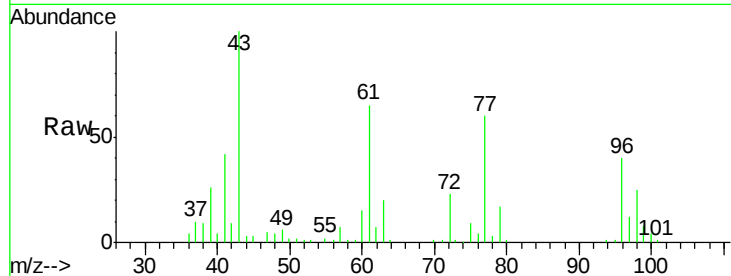
ClientSampleId :

VN1119WBSD01

Tot Ion:	96	Resp:	59983
Ion	Ratio	Lower	Upper
96	100		
61	164.1	0.0	322.6
98	61.9	0.0	128.6

Manual Integrations
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#28

Bromochloromethane

Concen: 17.616 ug/l

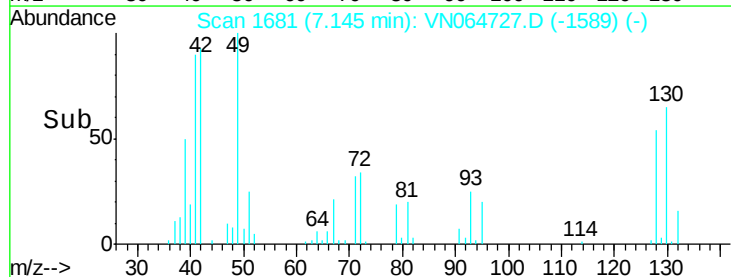
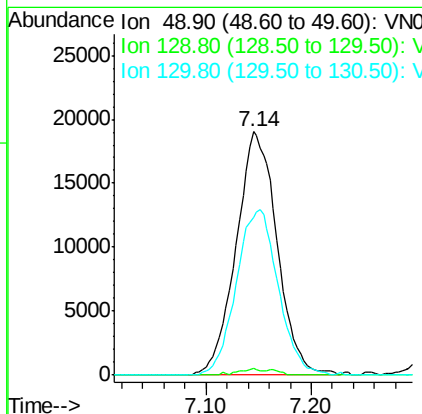
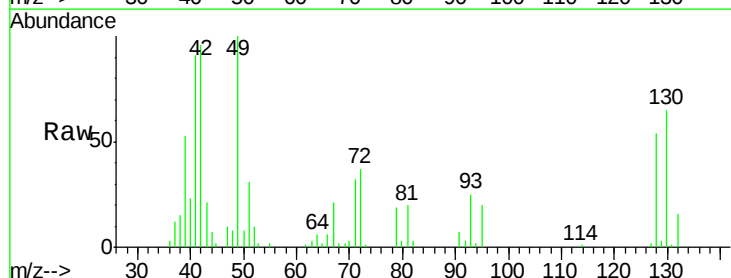
RT: 7.14 min Scan# 1681

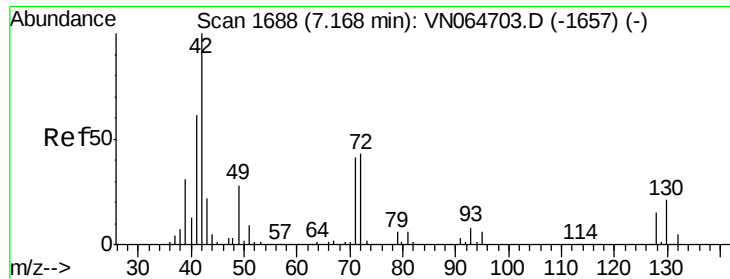
Delta R.T. -0.00 min

Lab File: VN064727.D

Acq: 19 Nov 2020 12:49

Tgt Ion:	49	Resp:	51382
Ion	Ratio	Lower	Upper
49	100		
129	1.3	0.0	3.8
130	69.4	56.2	84.4





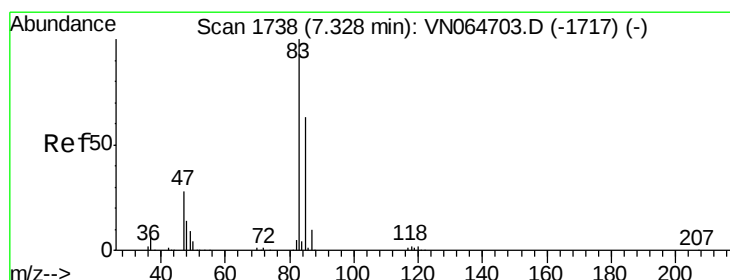
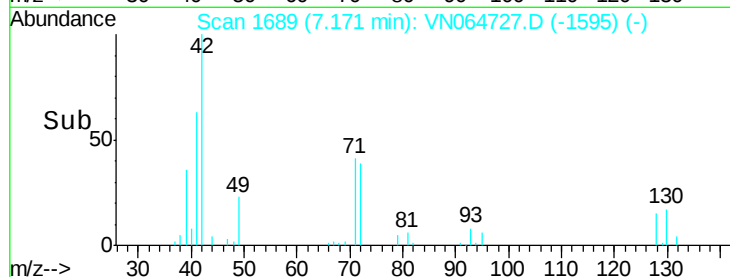
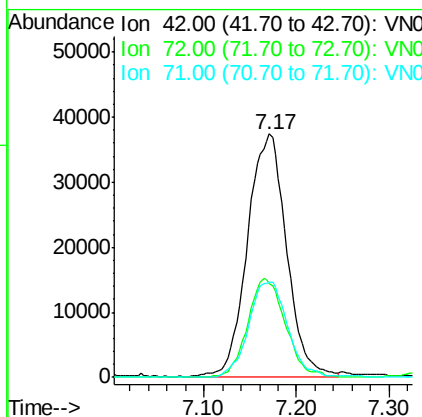
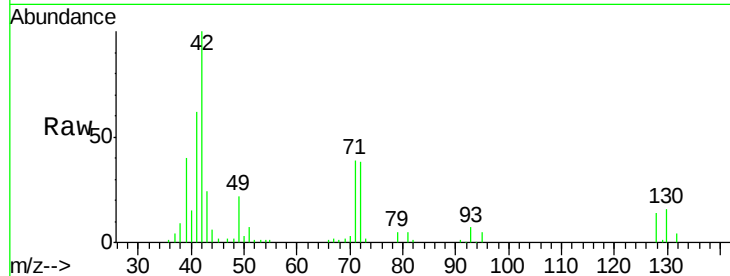
#29
Tetrahydrofuran
Concen: 95.557 ug/l
RT: 7.17 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VN064727.D
Acq: 19 Nov 2020 12:49

Instrument :
MSVOA_N
ClientSampleId :
VN1119WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	39.0	33.0	49.4
71	38.8	31.8	47.6

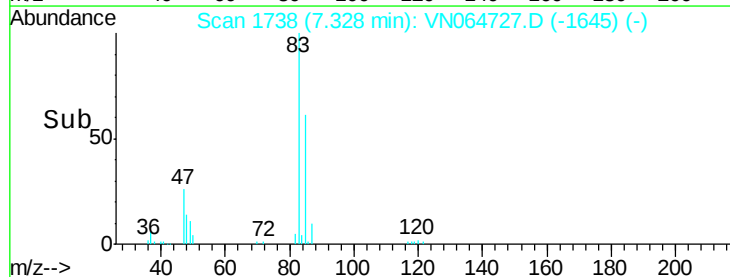
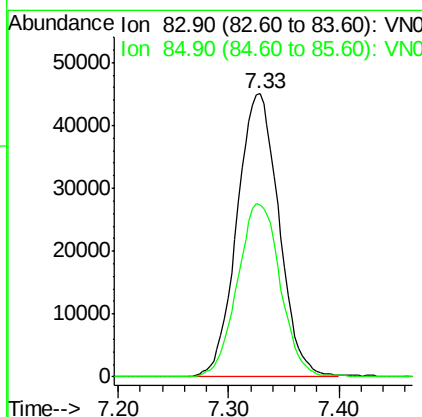
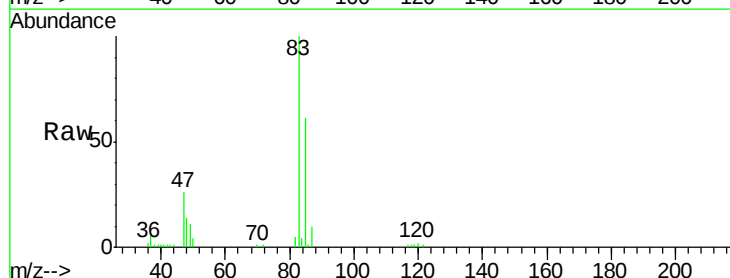
Manual Integrations
APPROVED

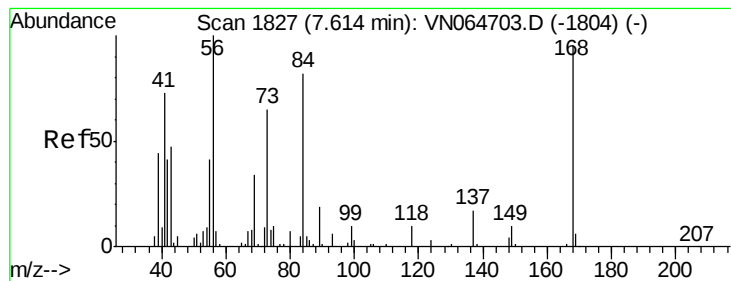
MMDadoda
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#30
Chloroform
Concen: 18.875 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. -0.00 min
Lab File: VN064727.D
Acq: 19 Nov 2020 12:49

Tgt Ion	Ratio	Lower	Upper
83	100		
85	60.6	50.6	75.8





#31

Cyclohexane

Concen: 17.534 ug/l

RT: 7.61 min Scan# 1827

Delta R.T. -0.00 min

Lab File: VN064727.D

Acq: 19 Nov 2020 12:49

Instrument :

MSVOA_N

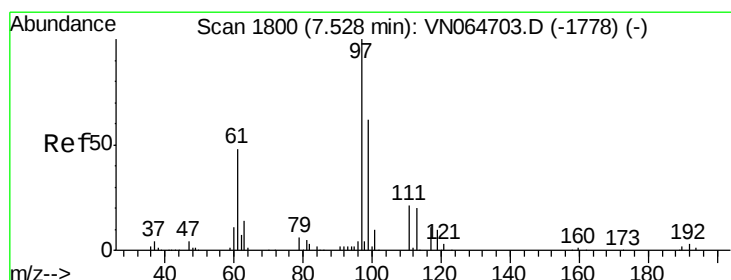
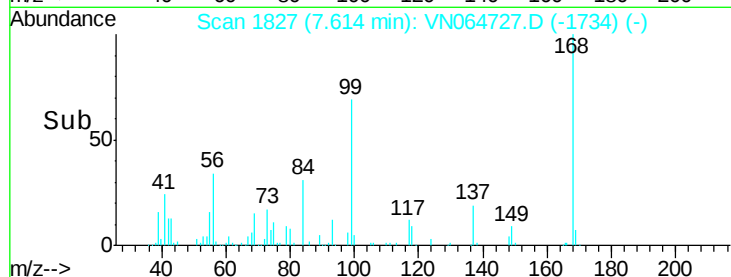
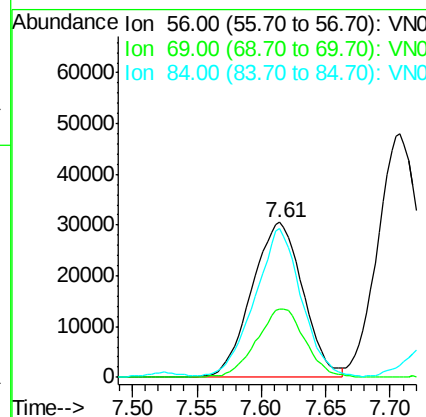
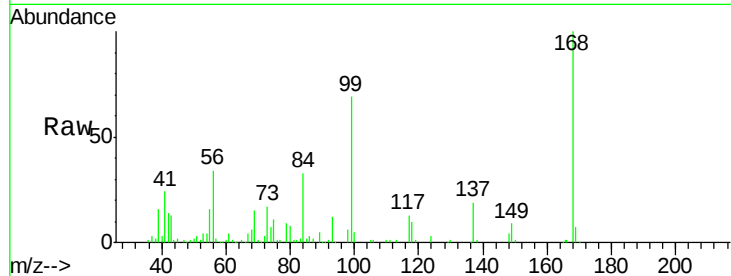
ClientSampleId :

VN1119WBSD01

Tot Ion:	56	Resp:	84459
Ion Ratio	Lower	Upper	
56	100		
69	44.3	27.2	40.8#
84	95.1	65.9	98.9

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#32

1,1,1-Trichloroethane

Concen: 18.033 ug/l

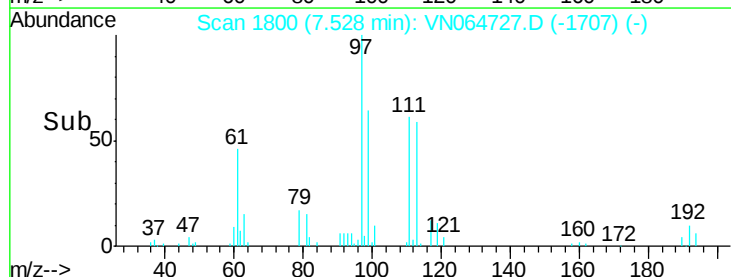
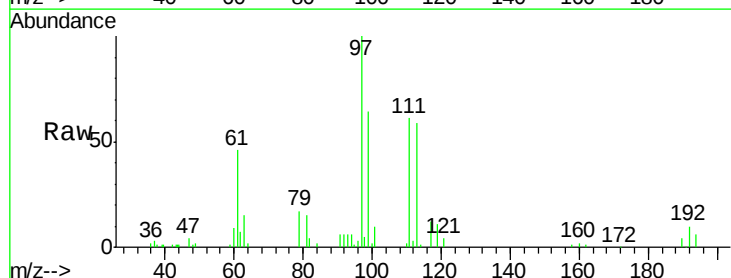
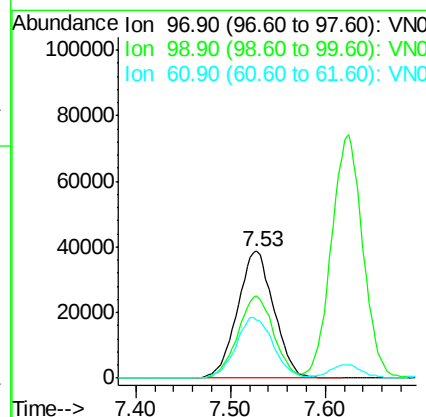
RT: 7.53 min Scan# 1800

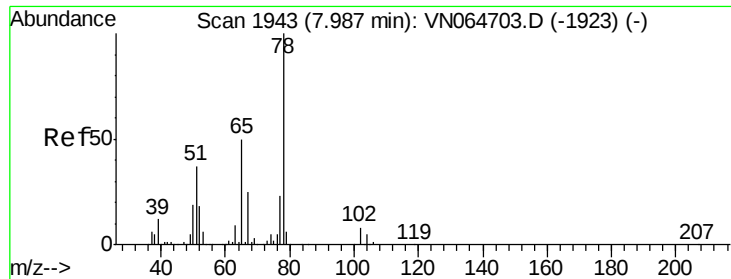
Delta R.T. -0.00 min

Lab File: VN064727.D

Acq: 19 Nov 2020 12:49

Tgt Ion:	97	Resp:	103614
Ion Ratio	Lower	Upper	
97	100		
99	63.4	50.6	76.0
61	48.6	38.3	57.5





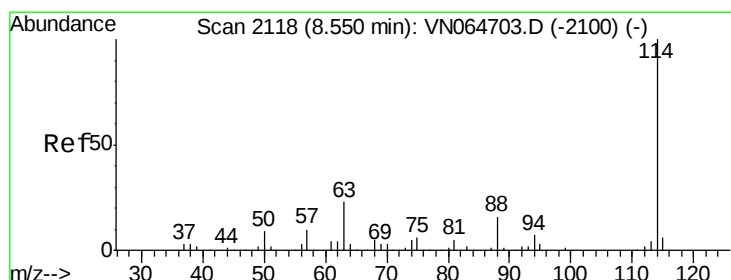
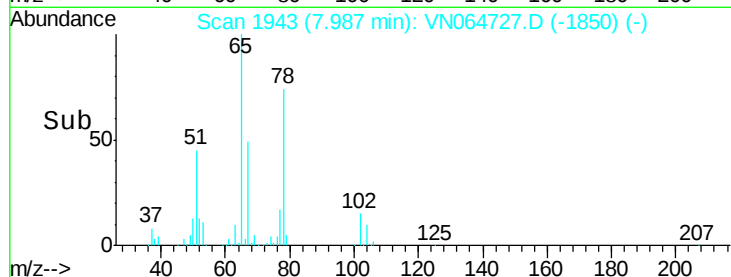
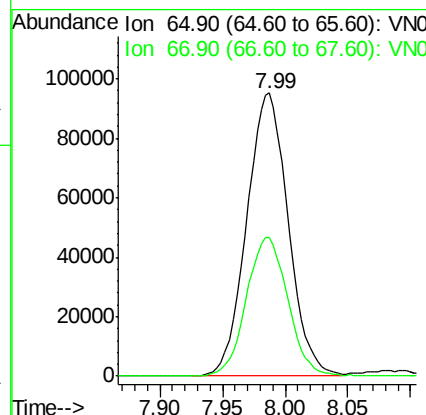
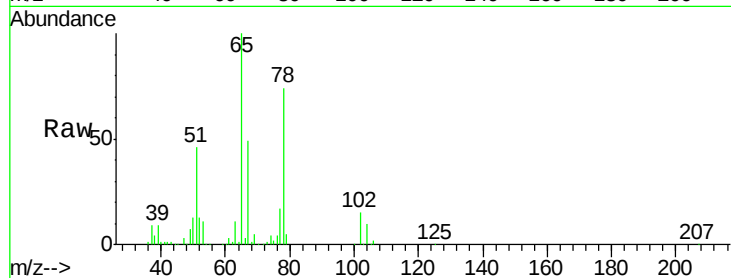
#33
 1,2-Dichloroethane-d4
 Concen: 49.225 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VN064727.D
 Acq: 19 Nov 2020 12:49

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1119WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	219314		
67	48.9	0.0	99.8	

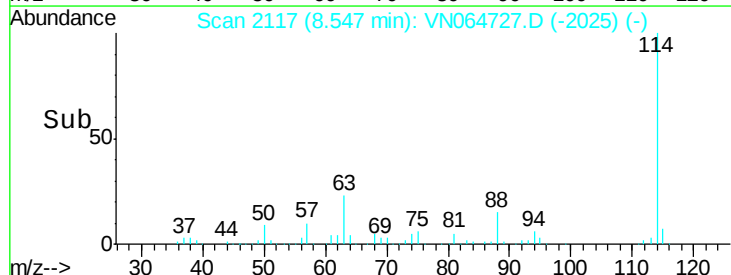
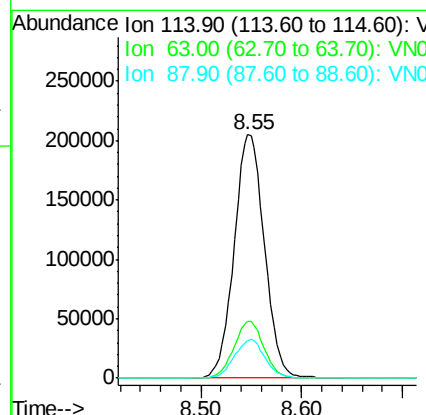
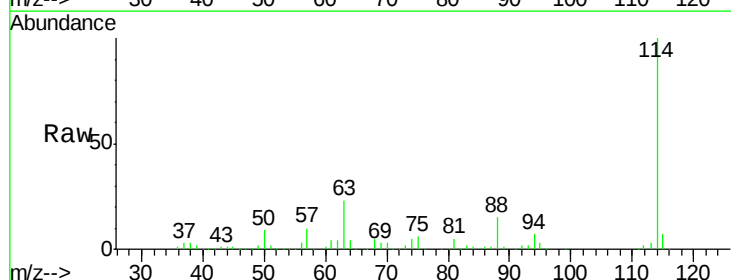
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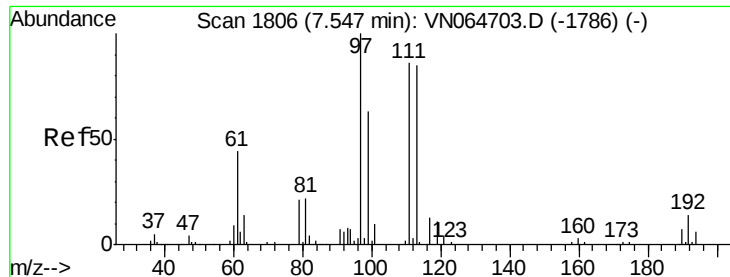
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: VN064727.D
 Acq: 19 Nov 2020 12:49

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	428213		
63	23.4	0.0	46.0	
88	15.3	0.0	31.2	





#35

Dibromofluoromethane

Concen: 50.282 ug/l

RT: 7.55 min Scan# 1806

Delta R.T. -0.00 min

Lab File: VN064727.D

Acq: 19 Nov 2020 12:49

Instrument :

MSVOA_N

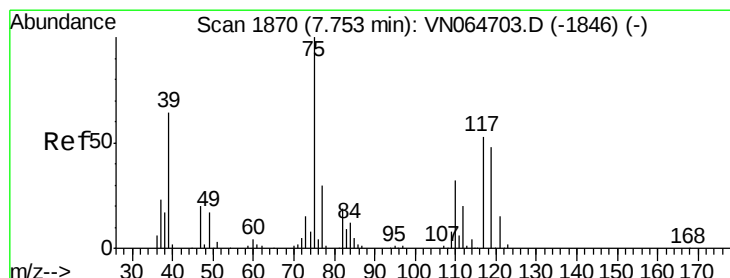
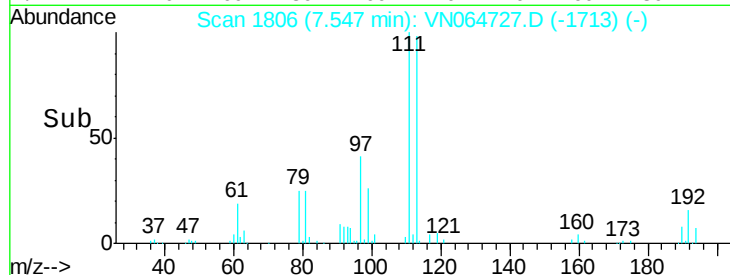
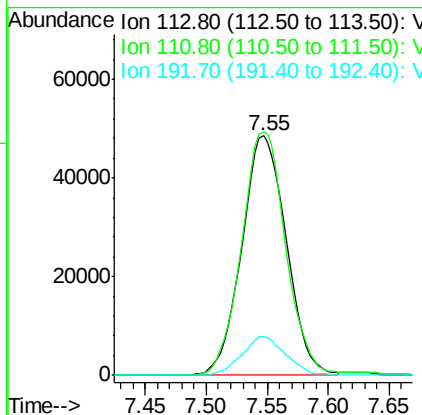
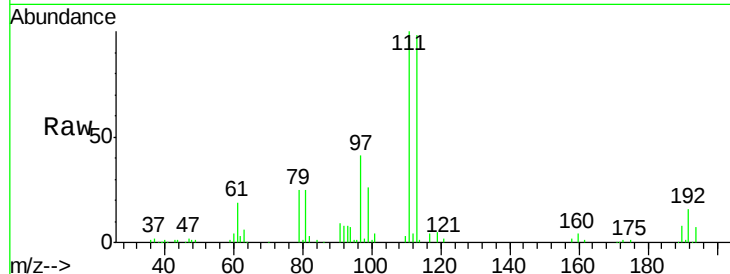
ClientSampleId :

VN1119WBSD01

Tot Ion:	113	Resp:	122550
Ion Ratio	Lower	Upper	
113	100		
111	101.1	82.2	123.4
192	15.9	12.7	19.1

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#36

1,1-Dichloropropene

Concen: 18.754 ug/l

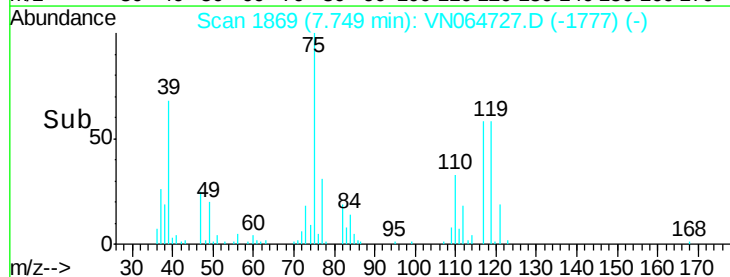
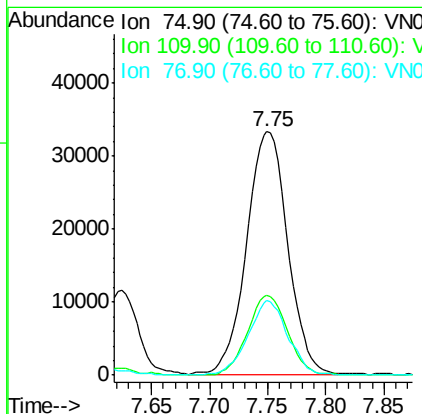
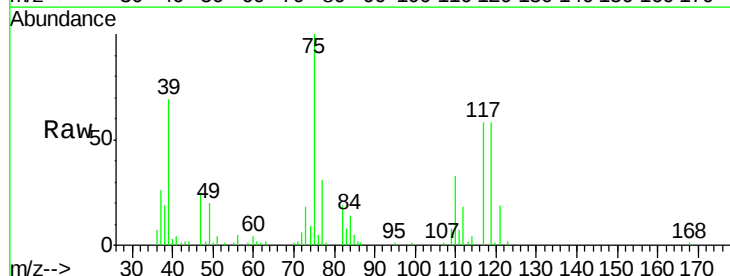
RT: 7.75 min Scan# 1869

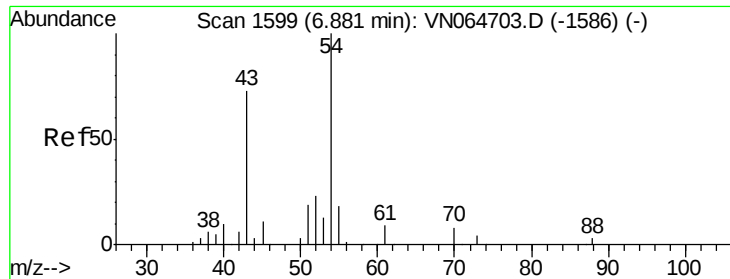
Delta R.T. -0.00 min

Lab File: VN064727.D

Acq: 19 Nov 2020 12:49

Tgt Ion:	75	Resp:	82620
Ion Ratio	Lower	Upper	
75	100		
110	31.7	16.2	48.6
77	29.4	24.4	36.6





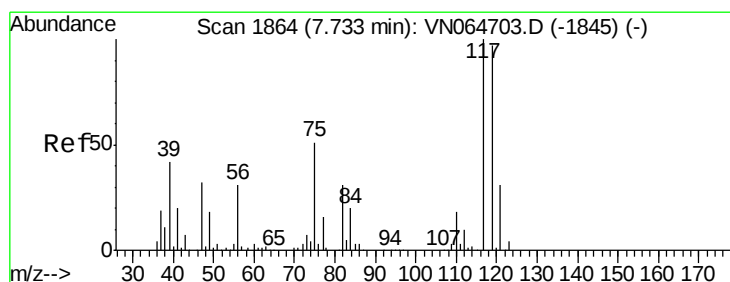
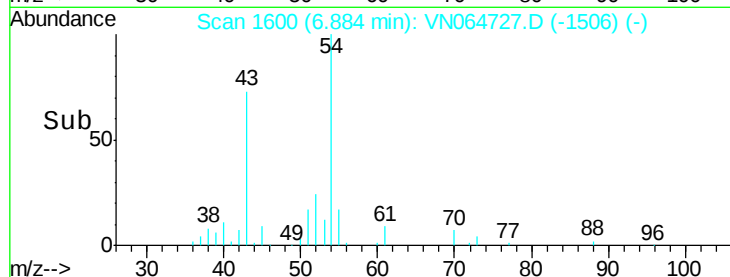
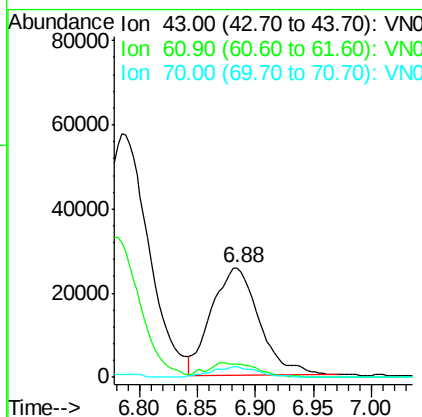
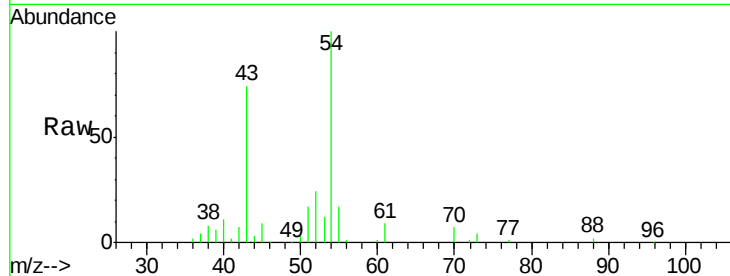
#37
Ethyl Acetate
Concen: 19.935 ug/l
RT: 6.88 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VN064727.D
Acq: 19 Nov 2020 12:49

Instrument :
MSVOA_N
ClientSampleId :
VN1119WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	0.0	10.4	15.6#
70	9.5	7.6	11.4

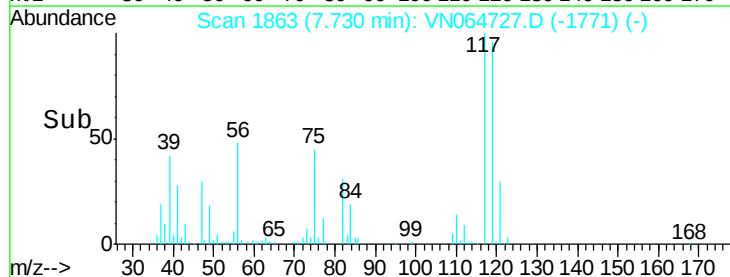
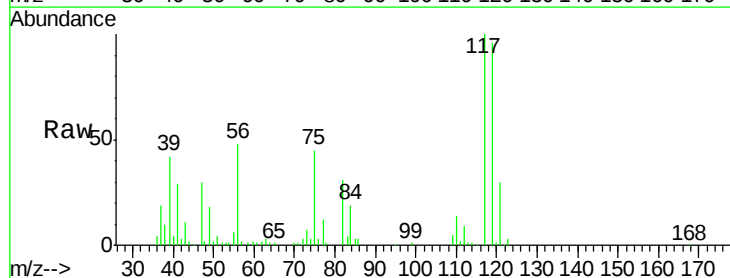
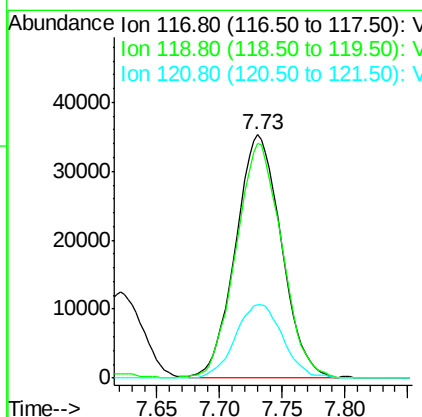
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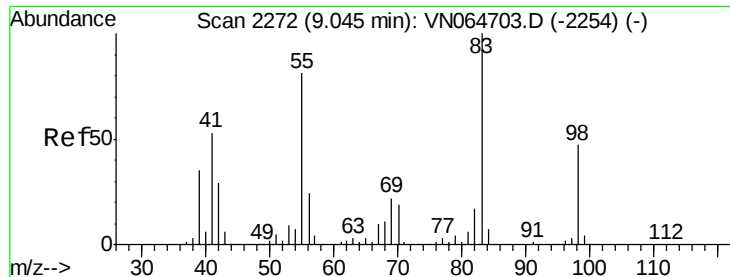
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#38
Carbon Tetrachloride
Concen: 19.116 ug/l
RT: 7.73 min Scan# 1863
Delta R.T. -0.00 min
Lab File: VN064727.D
Acq: 19 Nov 2020 12:49

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.3	77.8	116.6
121	30.4	24.9	37.3





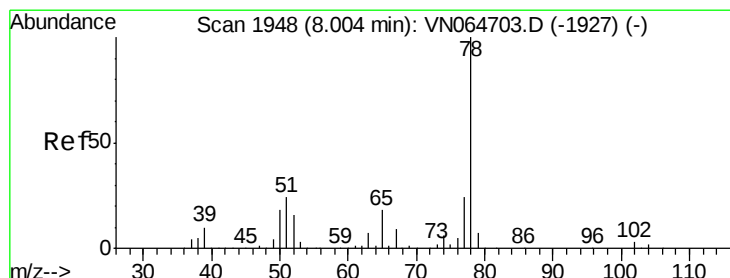
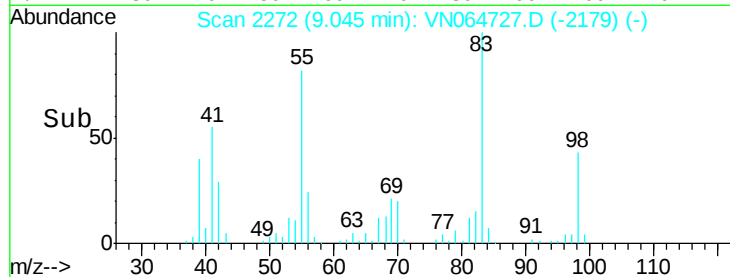
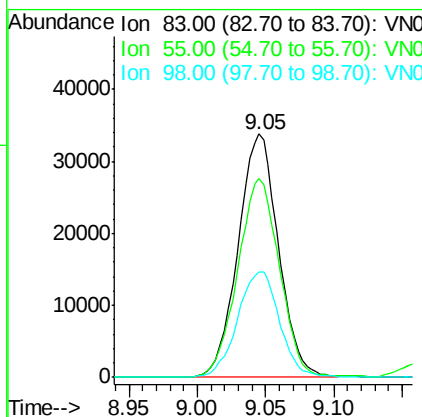
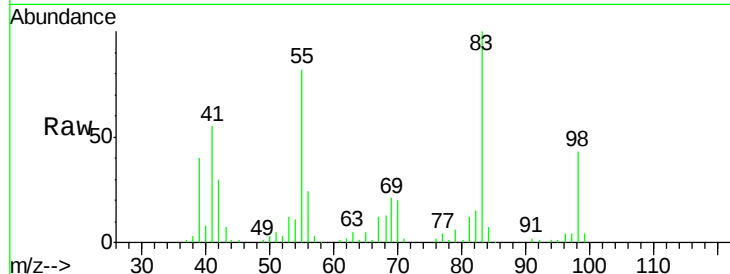
#39
Methvlcvclohexane
Concen: 17.753 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN064727.D
Acq: 19 Nov 2020 12:49

Instrument :
MSVOA_N
ClientSampleId :
VN1119WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	81.7	64.6	97.0
98	43.4	37.7	56.5

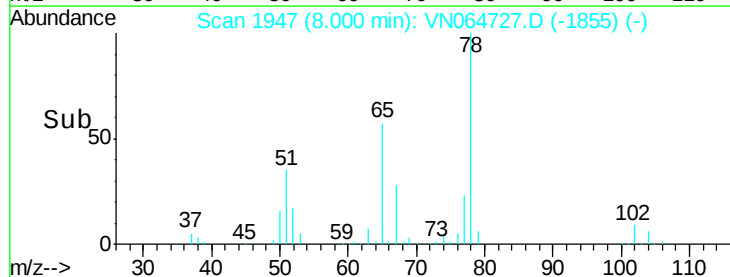
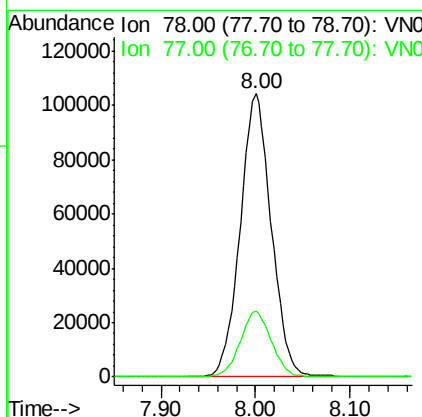
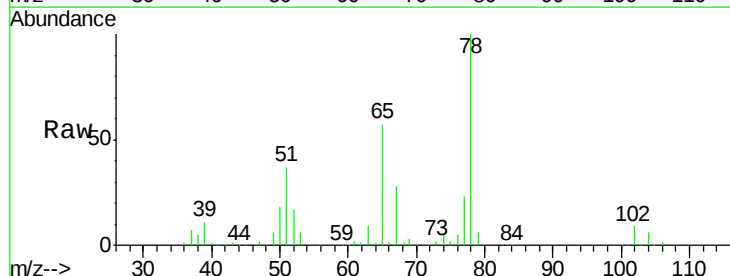
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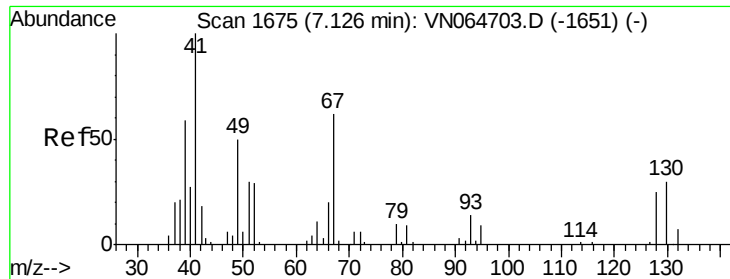
MMDadoda
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#40
Benzene
Concen: 19.364 ug/l
RT: 8.00 min Scan# 1947
Delta R.T. -0.00 min
Lab File: VN064727.D
Acq: 19 Nov 2020 12:49

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.2	19.2	28.8





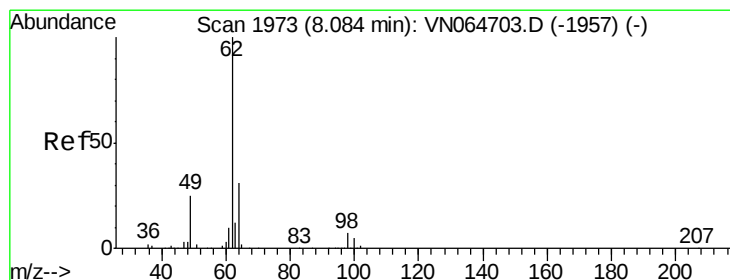
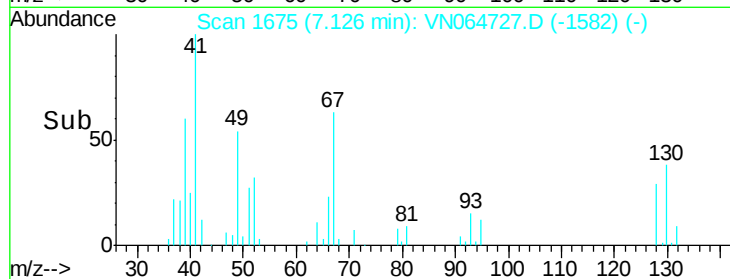
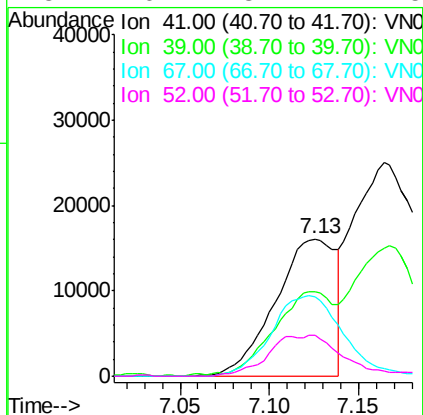
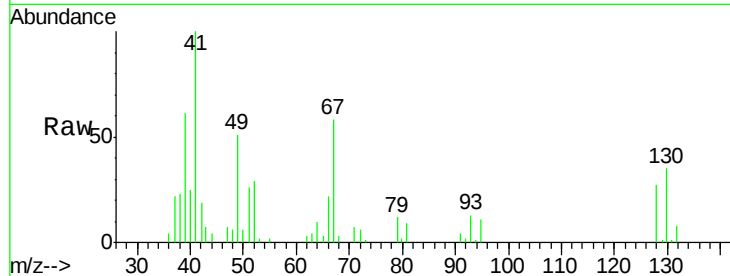
#41
Methacrylonitrile
Concen: 22.490 ug/l
RT: 7.13 min Scan# 1675
Delta R.T. -0.00 min
Lab File: VN064727.D
Acq: 19 Nov 2020 12:49

Instrument :
MSVOA_N
ClientSampleId :
VN1119WBSD01

Tot Ion	Ratio	Lower	Upper
41	100		
39	59.1	46.0	69.0
67	69.4	67.0	100.4
52	16.2	31.7	47.5#

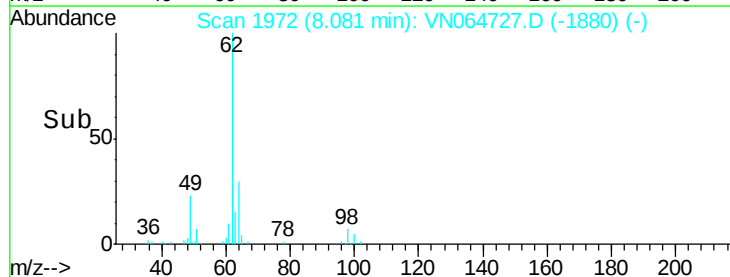
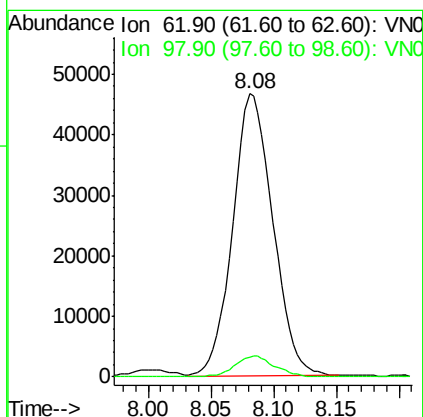
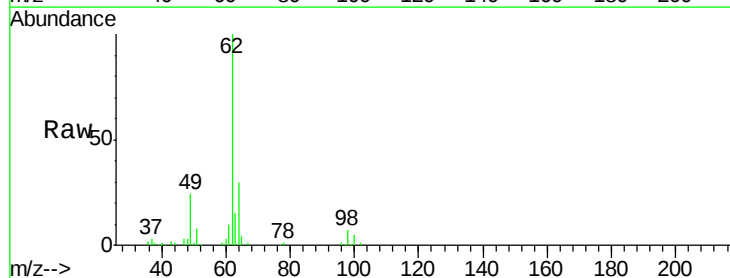
Manual Integrations
APPROVED

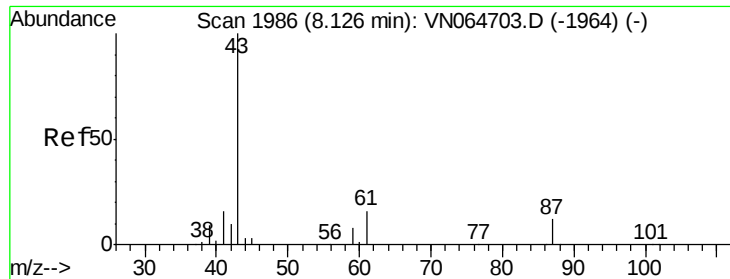
MMDadoda
11/24/2020 3:11:17 PM



#42
1,2-Dichloroethane
Concen: 19.724 ug/l
RT: 8.08 min Scan# 1972
Delta R.T. -0.00 min
Lab File: VN064727.D
Acq: 19 Nov 2020 12:49

Tgt Ion	Ratio	Lower	Upper
62	100		
98	7.2	0.0	13.6





#43

Isopropyl Acetate

Concen: 17.813 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VN064727.D

Acq: 19 Nov 2020 12:49

Instrument :

MSVOA_N

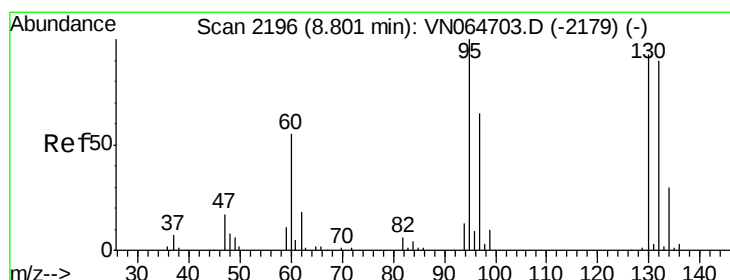
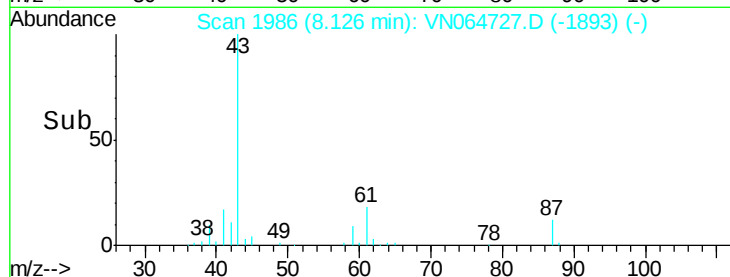
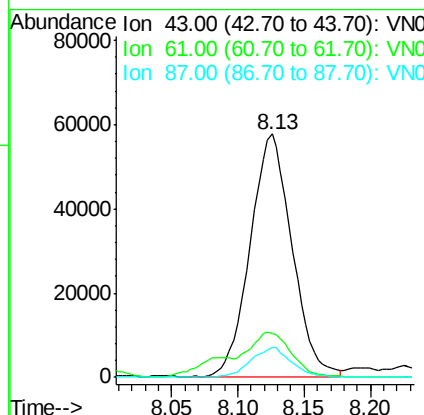
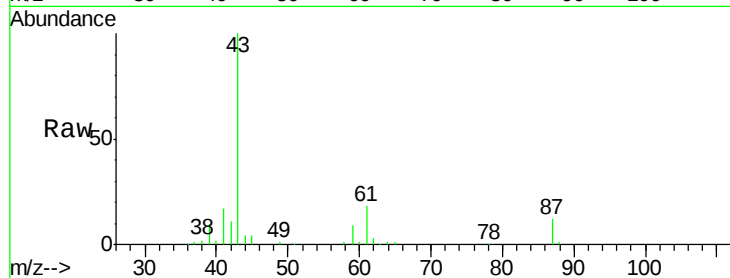
ClientSampleId :

VN1119WBSD01

Tot Ion:	43	Resp:	127364
Ion	Ratio	Lower	Upper
43	100		
61	19.1	14.1	21.1
87	11.8	9.1	13.7

Manual Integrations
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#44

Trichloroethene

Concen: 19.065 ug/l

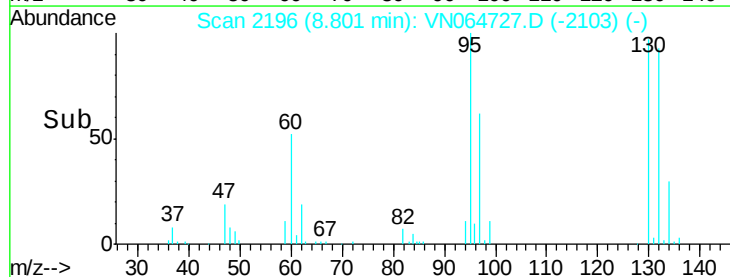
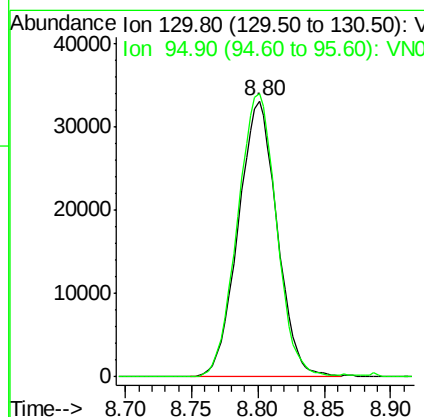
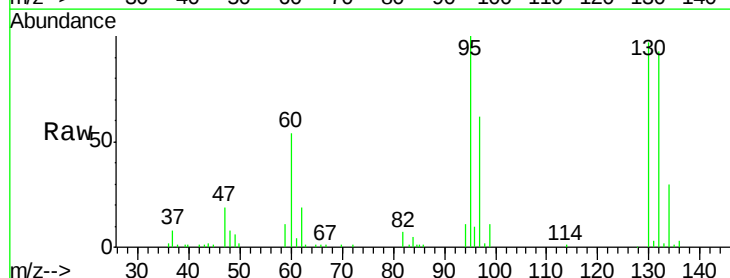
RT: 8.80 min Scan# 2196

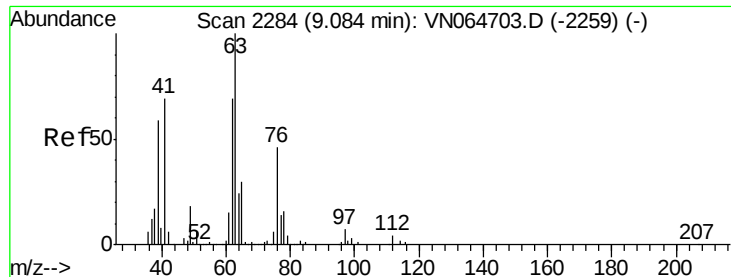
Delta R.T. -0.00 min

Lab File: VN064727.D

Acq: 19 Nov 2020 12:49

Tgt Ion:	130	Resp:	67163
Ion	Ratio	Lower	Upper
130	100		
95	102.6	0.0	214.2





#45

1,2-Dichloropropane

Concen: 19.196 ug/l

RT: 9.08 min Scan# 2283

Delta R.T. -0.00 min

Lab File: VN064727.D

Acq: 19 Nov 2020 12:49

Instrument :

MSVOA_N

ClientSampleId :

VN1119WBSD01

Tot Ion: 63 Resp: 62810

Ion Ratio Lower Upper

63 100

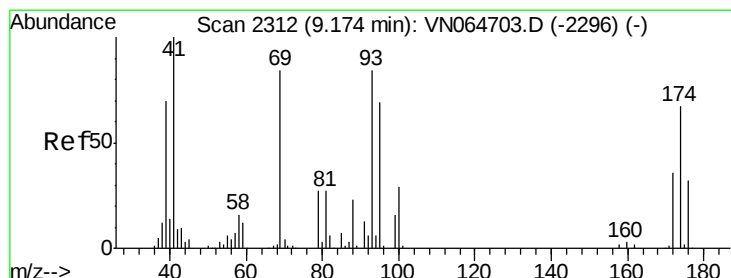
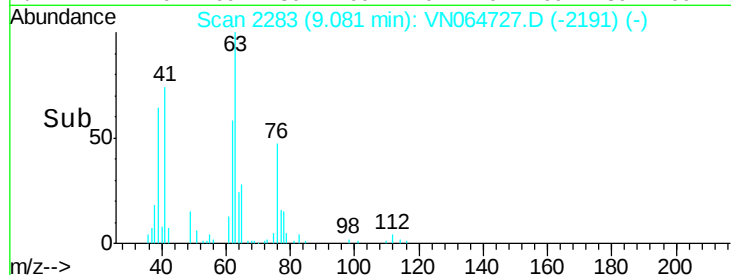
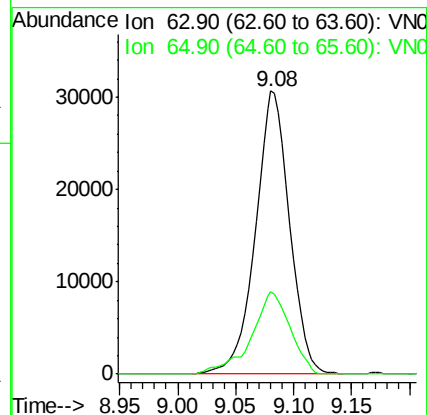
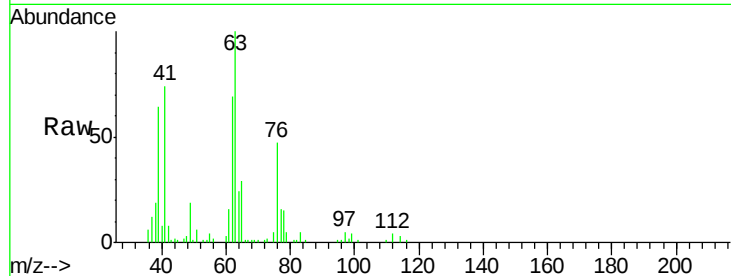
65 29.2 24.0 36.0

Manual Integrations

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#46

Dibromomethane

Concen: 19.857 ug/l

RT: 9.17 min Scan# 2312

Delta R.T. -0.00 min

Lab File: VN064727.D

Acq: 19 Nov 2020 12:49

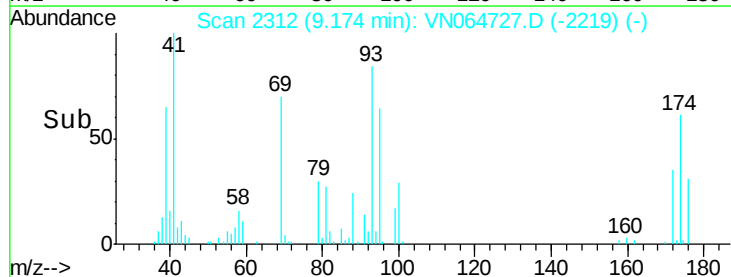
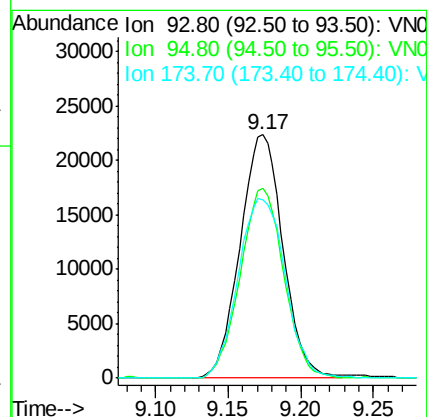
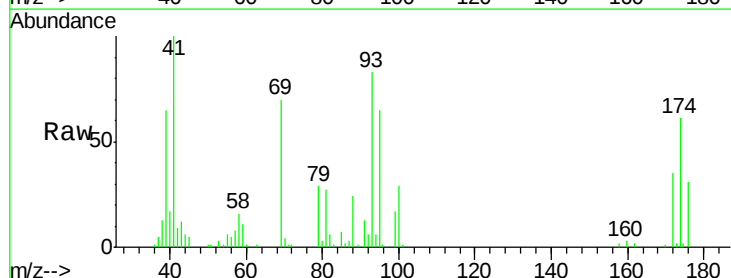
Tgt Ion: 93 Resp: 46054

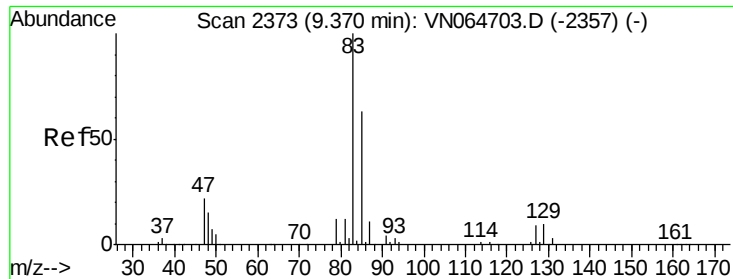
Ion Ratio Lower Upper

93 100

95 78.9 64.6 97.0

174 80.9 64.3 96.5





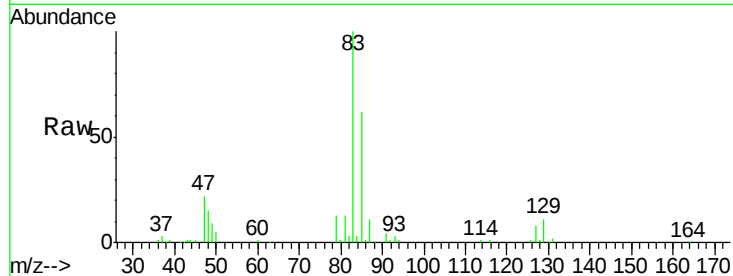
#47
Bromodichloromethane
Concen: 19.267 ug/l
RT: 9.37 min Scan# 2373
Delta R.T. -0.00 min
Lab File: VN064727.D
Acq: 19 Nov 2020 12:49

Instrument :
MSVOA_N
ClientSampleId :
VN1119WBSD01

Tot Ion	83	Resp	93945
Ion Ratio	100	Lower	Upper
83	100		
85	61.9	50.8	76.2
127	8.1	7.0	10.4

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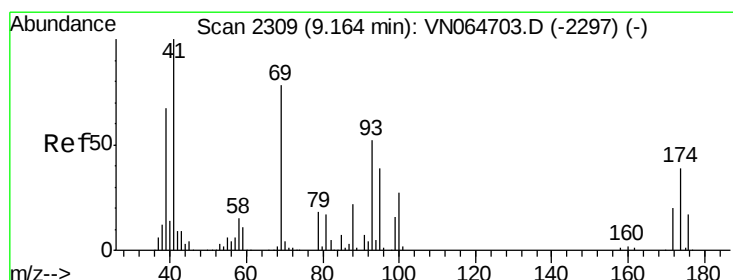
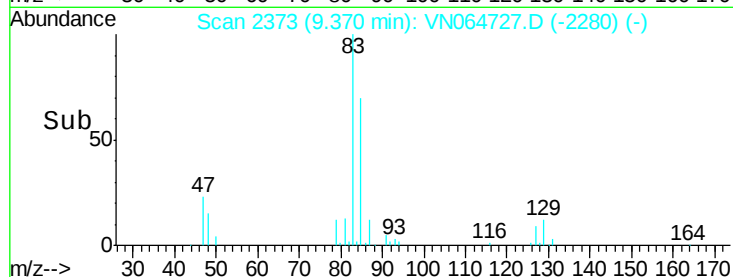
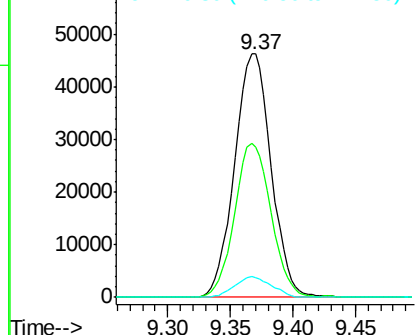
MMDadoda
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Abundance Ion 82.90 (82.60 to 83.60): VN064727.D (-2280) (-)

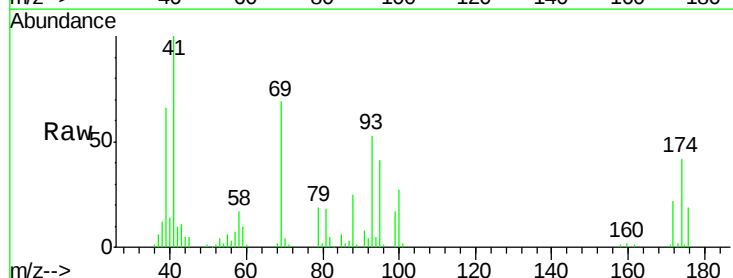
Ion 84.90 (84.60 to 85.60): VN064727.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN064727.D (-2280) (-)



#48
Methyl methacrylate
Concen: 19.108 ug/l
RT: 9.16 min Scan# 2309
Delta R.T. -0.00 min
Lab File: VN064727.D
Acq: 19 Nov 2020 12:49

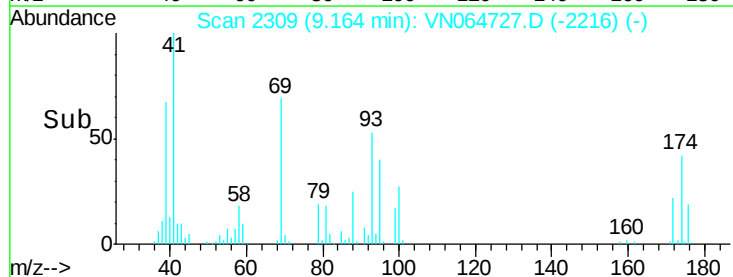
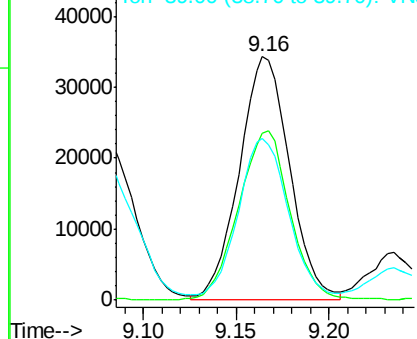
Tgt Ion	41	Resp	64465
Ion Ratio	100	Lower	Upper
41	100		
69	71.4	62.3	93.5
39	66.2	55.1	82.7

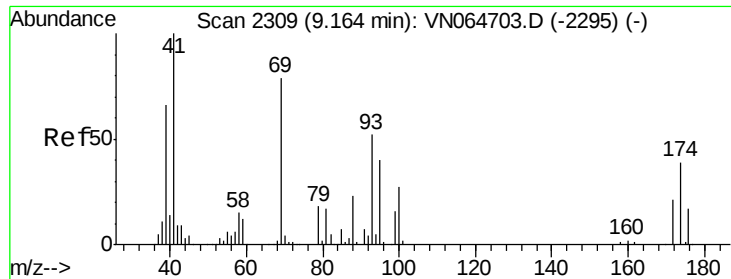


Abundance Ion 41.00 (40.70 to 41.70): VN064727.D (-2216) (-)

Ion 69.00 (68.70 to 69.70): VN064727.D (-2216) (-)

Ion 39.00 (38.70 to 39.70): VN064727.D (-2216) (-)





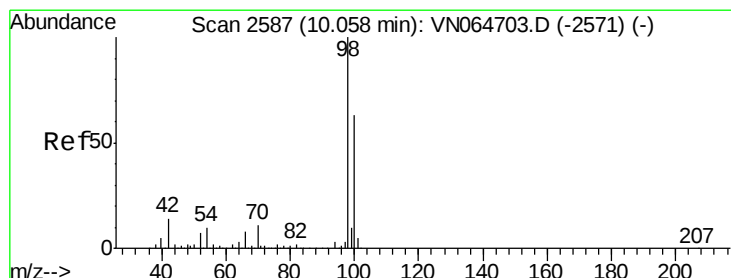
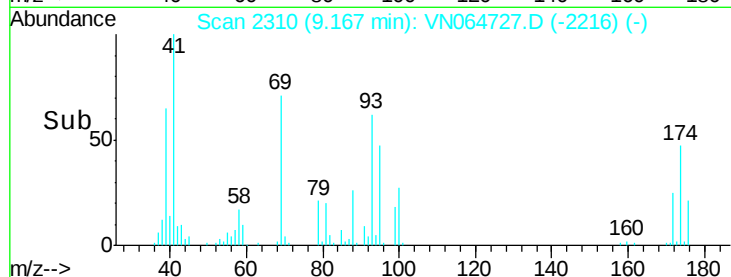
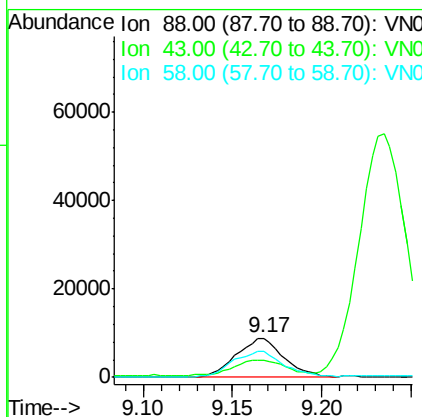
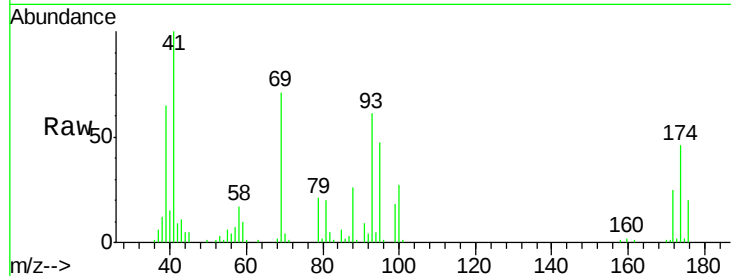
#49
1,4-Dioxane
Concen: 390.301 ug/l
RT: 9.17 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN064727.D
Acq: 19 Nov 2020 12:49

Instrument :
MSVOA_N
ClientSampleId :
VN1119WBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	42.2	31.3	46.9
58	71.9	55.7	83.5

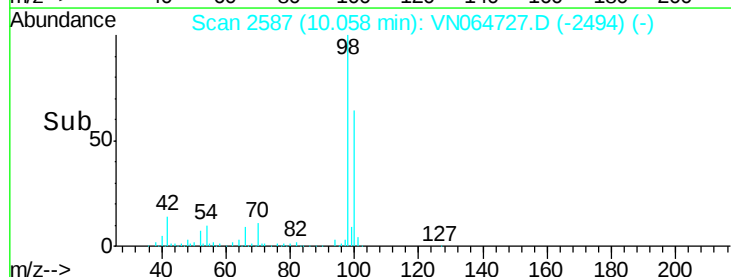
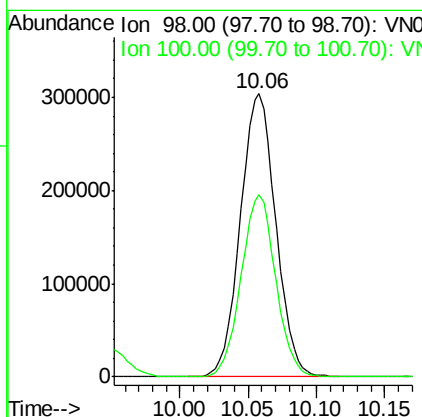
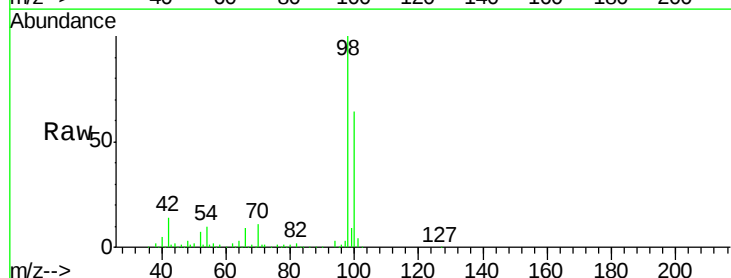
Manual Integrations
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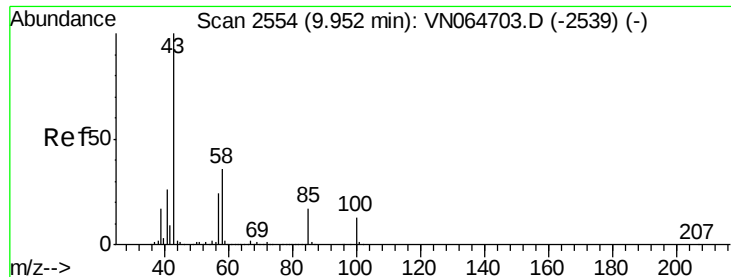
MMDadoda
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#50
Toluene-d8
Concen: 49.440 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN064727.D
Acq: 19 Nov 2020 12:49

Tgt Ion	Ratio	Lower	Upper
98	100		
100	62.8	50.4	75.6





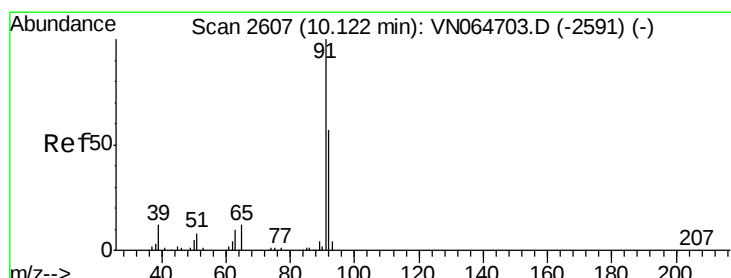
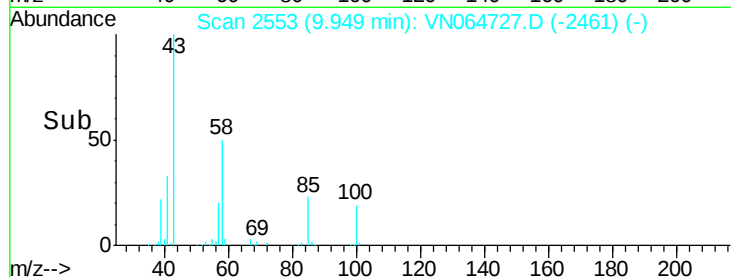
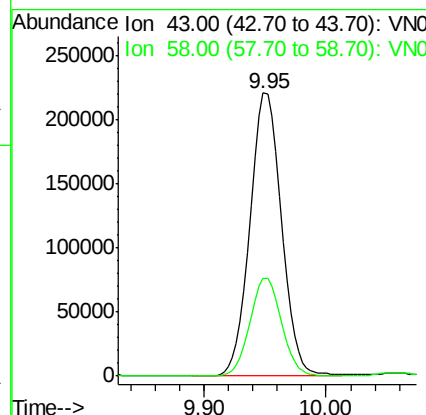
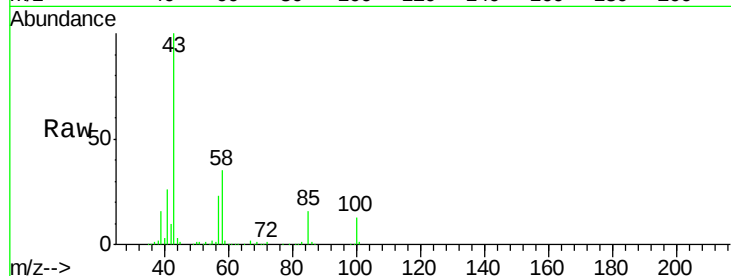
#51
4-Methyl-2-Pentanone
Concen: 94.530 ug/l
RT: 9.95 min Scan# 2553
Delta R.T. -0.00 min
Lab File: VN064727.D
Acq: 19 Nov 2020 12:49

Instrument :
MSVOA_N
ClientSampleId :
VN1119WBSD01

Tot Ion: 43 Resp: 391146
Ion Ratio Lower Upper
43 100
58 35.0 28.5 42.7

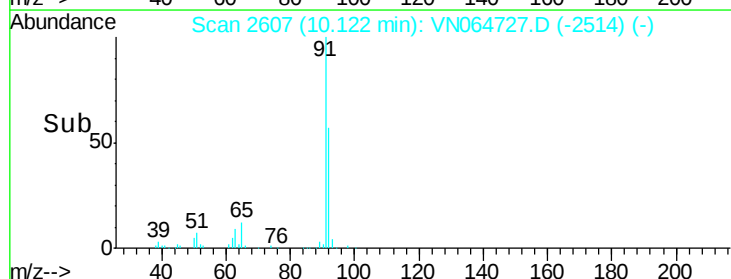
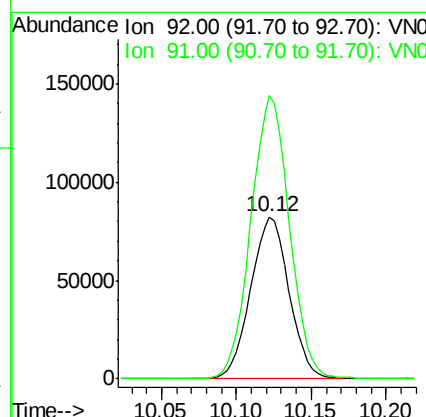
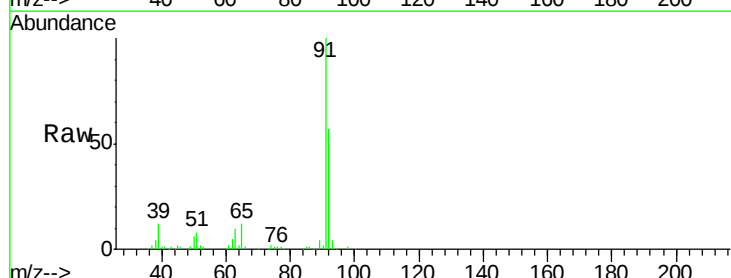
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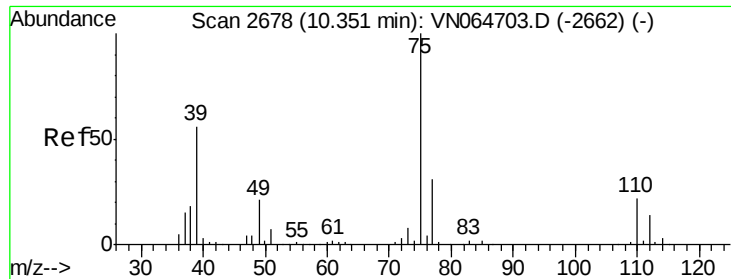
MMDadoda
11/24/2020 3:11:17 PM



#52
Toluene
Concen: 19.434 ug/l
RT: 10.12 min Scan# 2607
Delta R.T. -0.00 min
Lab File: VN064727.D
Acq: 19 Nov 2020 12:49

Tgt Ion: 92 Resp: 146921
Ion Ratio Lower Upper
92 100
91 176.0 141.2 211.8





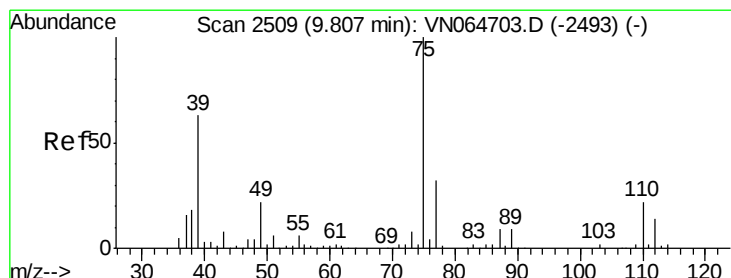
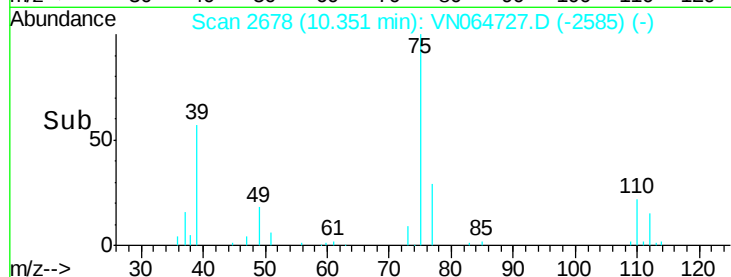
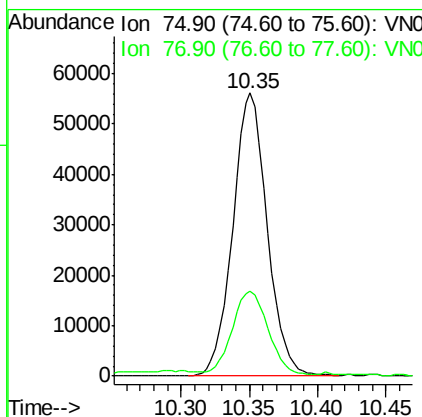
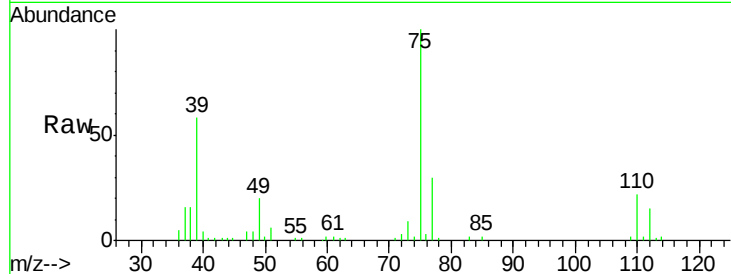
#53
t-1,3-Dichloropropene
Concen: 18.828 ug/l
RT: 10.35 min Scan# 2678
Delta R.T. -0.00 min
Lab File: VN064727.D
Acq: 19 Nov 2020 12:49

Instrument :
MSVOA_N
ClientSampleId :
VN1119WBSD01

Tot Ion: 75 Resp: 98248
Ion Ratio Lower Upper
75 100
77 29.4 25.4 38.0

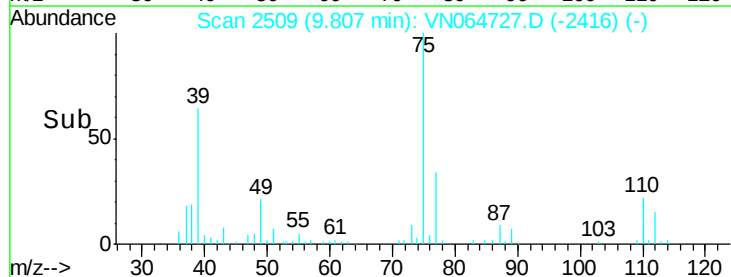
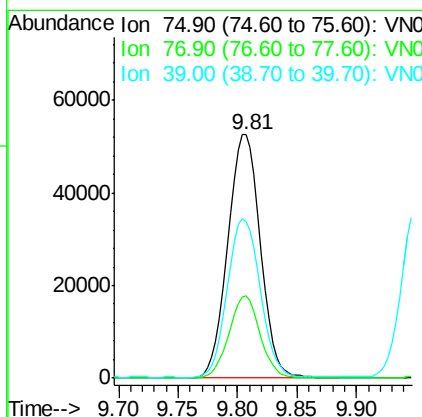
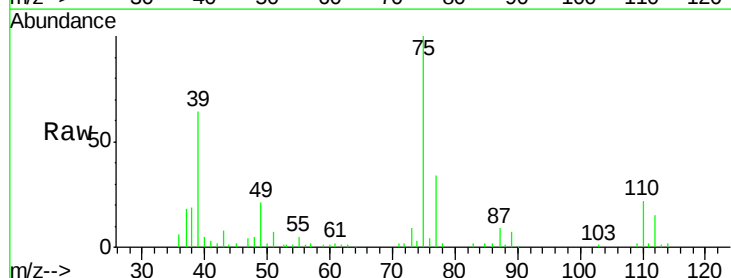
Manual Integrations
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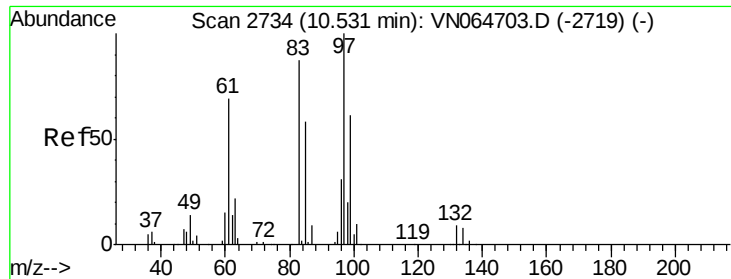
MMDadoda
11/24/2020 3:11:17 PM



#54
cis-1,3-Dichloropropene
Concen: 18.616 ug/l
RT: 9.81 min Scan# 2509
Delta R.T. -0.00 min
Lab File: VN064727.D
Acq: 19 Nov 2020 12:49

Tgt Ion: 75 Resp: 100030
Ion Ratio Lower Upper
75 100
77 33.9 25.8 38.8
39 64.1 50.5 75.7





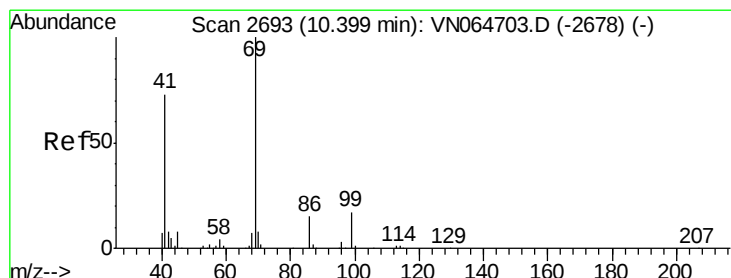
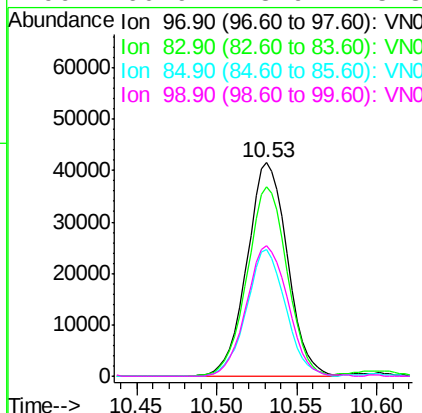
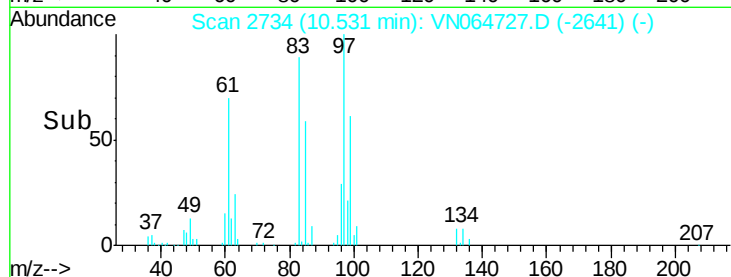
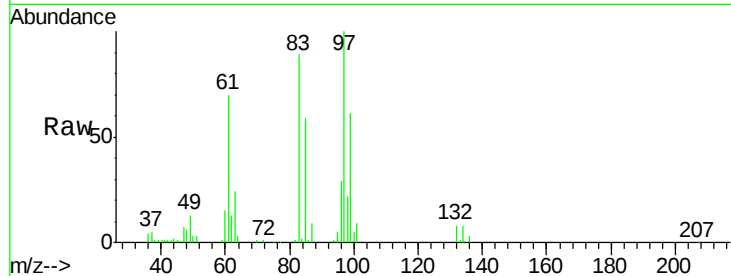
#55
 1,1,2-Trichloroethane
 Concen: 23.839 ug/l
 RT: 10.53 min Scan# 2734
 Delta R.T. -0.00 min
 Lab File: VN064727.D
 Acq: 19 Nov 2020 12:49

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1119WBSD01

Tot Ion	97	Resp:	72286
Ion	Ratio	Lower	Upper
97	100		
83	88.7	69.6	104.4
85	59.1	46.6	70.0
99	60.9	48.9	73.3

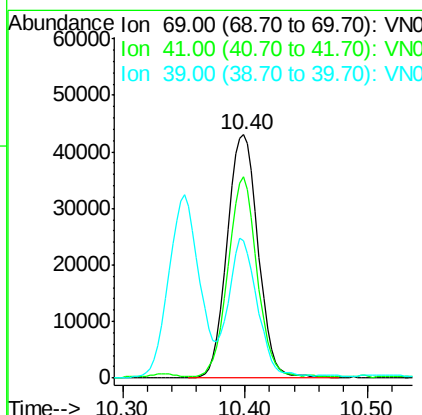
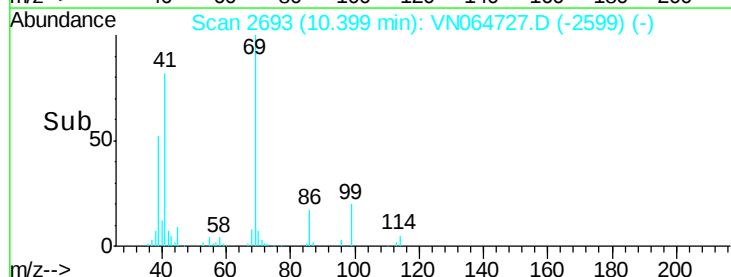
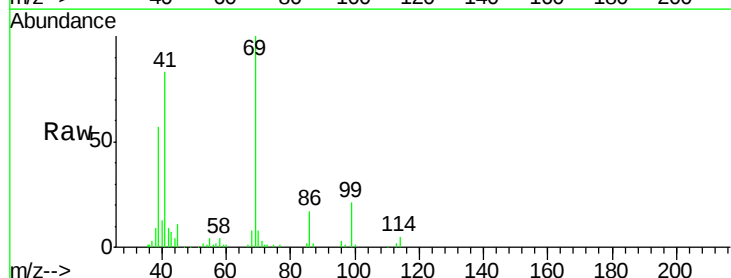
Manual Integrations
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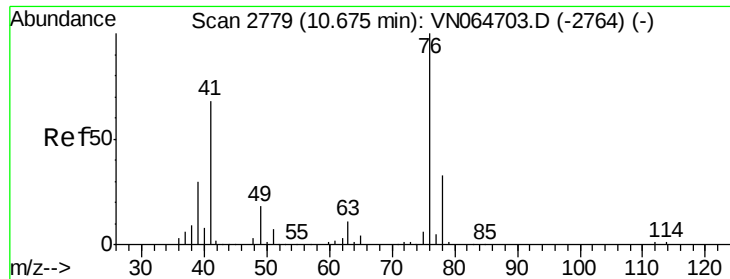
MMDadoda
 11/24/2020 3:11:17 PM



#56
 Ethyl methacrylate
 Concen: 17.265 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. 0.00 min
 Lab File: VN064727.D
 Acq: 19 Nov 2020 12:49

Tgt Ion	69	Resp:	76726
Ion	Ratio	Lower	Upper
69	100		
41	76.0	59.0	88.4
39	51.8	38.4	57.6





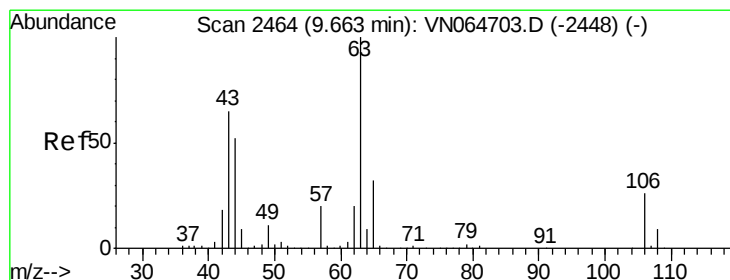
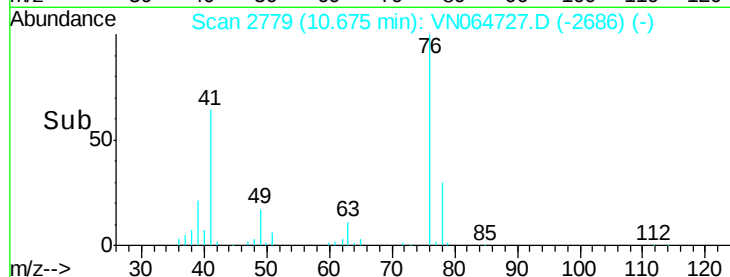
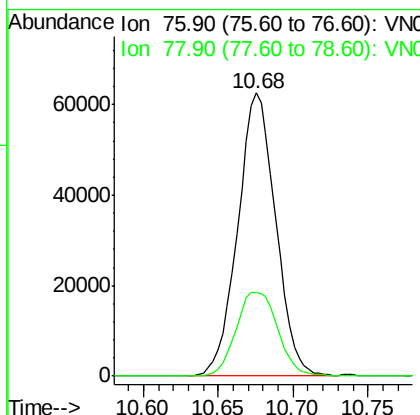
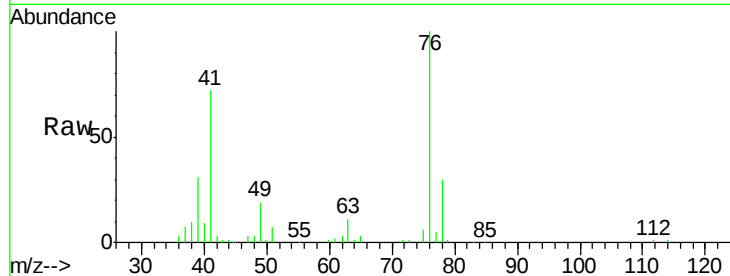
#57
 1,3-Dichloropropane
 Concen: 21.029 ug/l
 RT: 10.68 min Scan# 2779
 Delta R.T. -0.00 min
 Lab File: VN064727.D
 Acq: 19 Nov 2020 12:49

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1119WBSD01

Tot Ion: 76 Resp: 110458
 Ion Ratio Lower Upper
 76 100
 78 32.7 26.4 39.6

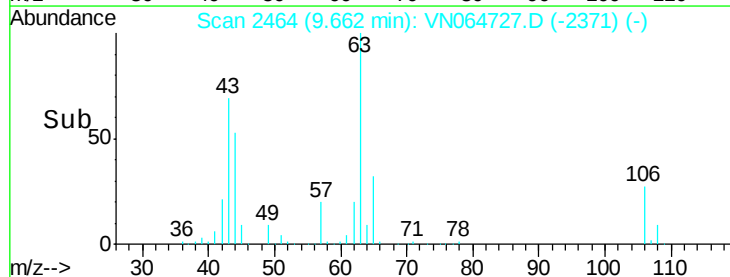
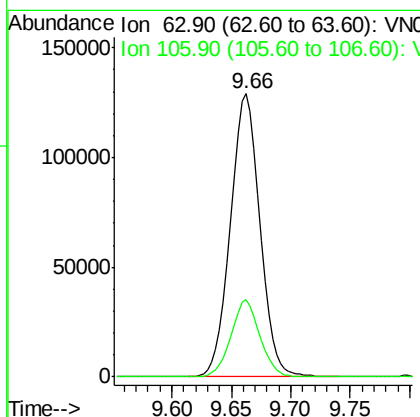
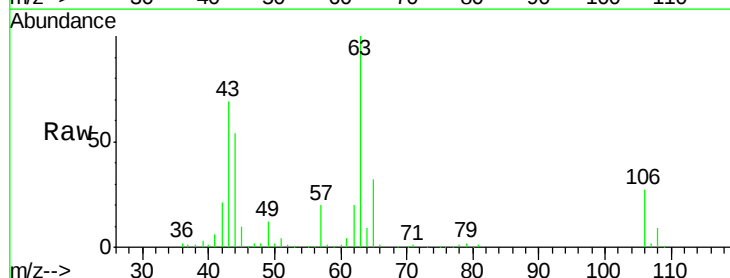
Manual Integrations
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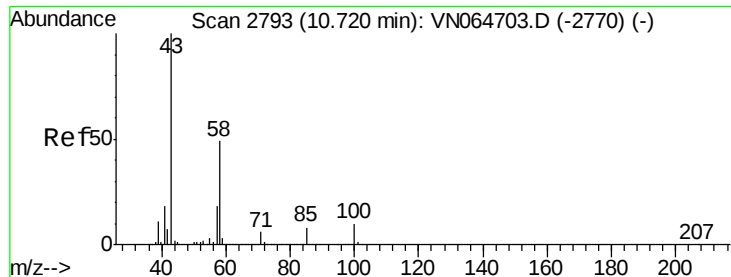
MMDadoda
 11/24/2020 3:11:17 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 90.682 ug/l
 RT: 9.66 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN064727.D
 Acq: 19 Nov 2020 12:49

Tgt Ion: 63 Resp: 222493
 Ion Ratio Lower Upper
 63 100
 106 26.6 20.9 31.3





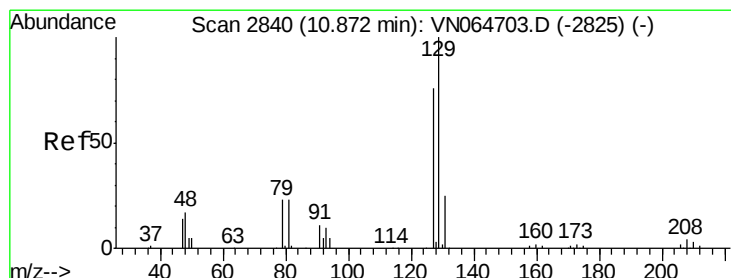
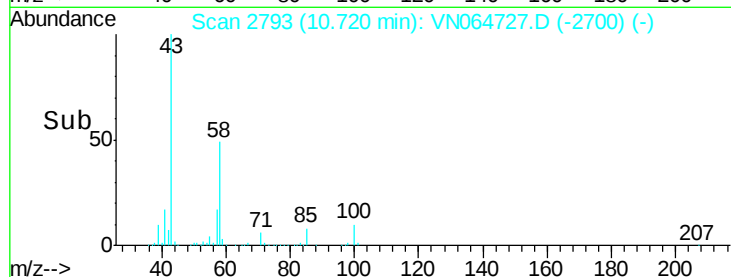
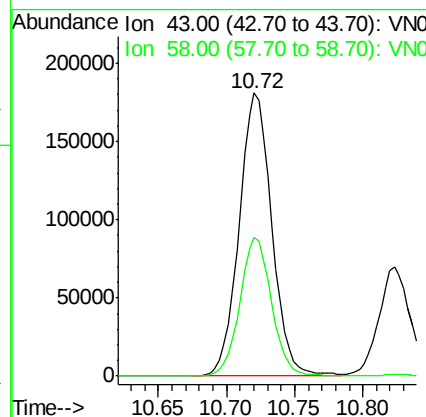
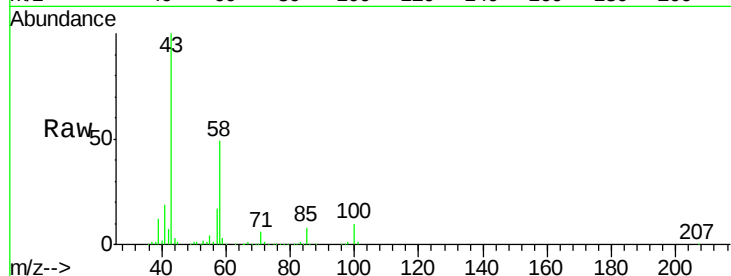
#59
2-Hexanone
Concen: 99.487 ug/l
RT: 10.72 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN064727.D
Acq: 19 Nov 2020 12:49

Instrument :
MSVOA_N
ClientSampleId :
VN1119WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
58	47.8	24.4	73.4

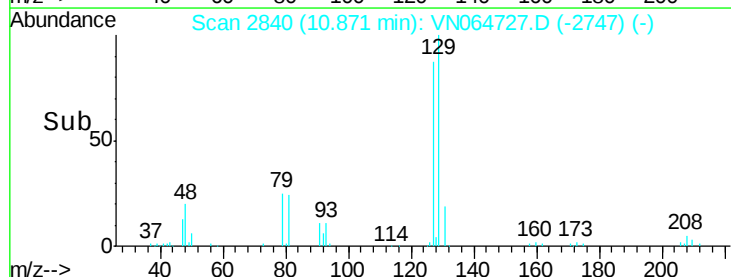
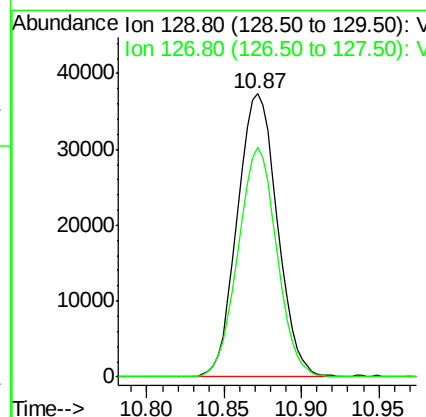
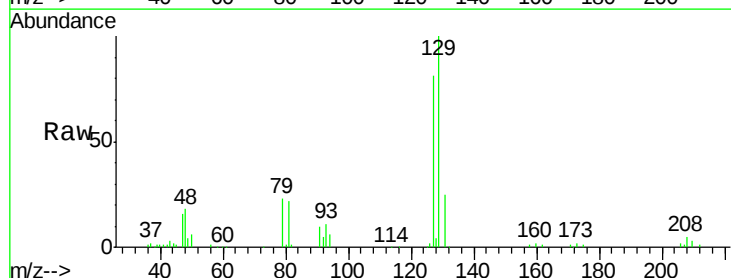
Manual Integrations
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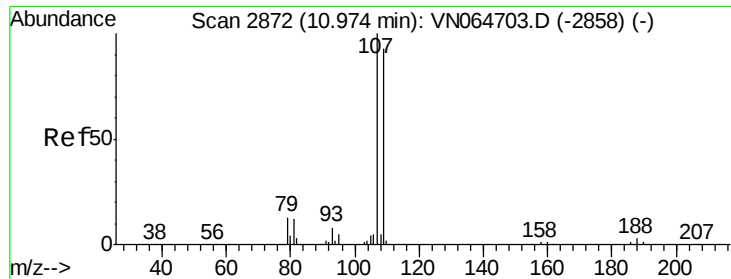
MMDadoda
11/24/2020 3:11:17 PM



#60
Dibromochloromethane
Concen: 19.193 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VN064727.D
Acq: 19 Nov 2020 12:49

Tgt Ion	Ratio	Lower	Upper
129	100		
127	78.6	38.8	116.4





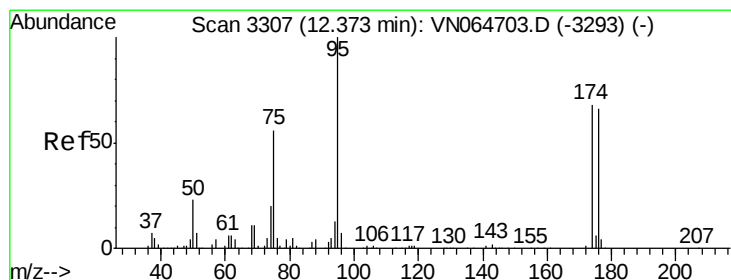
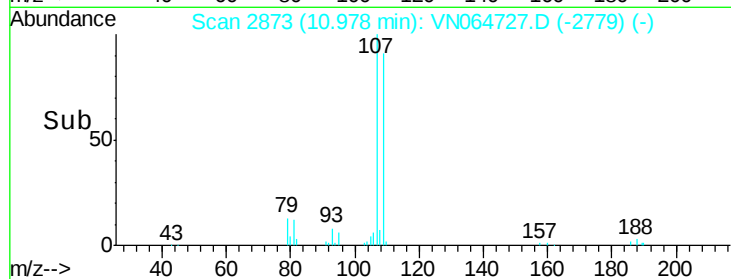
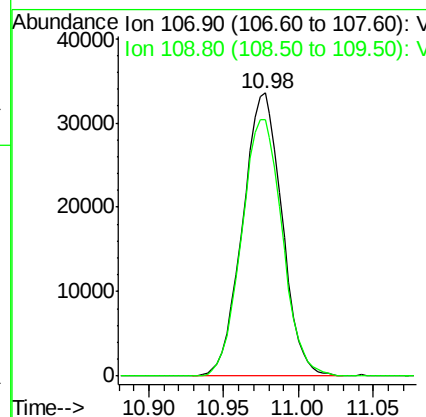
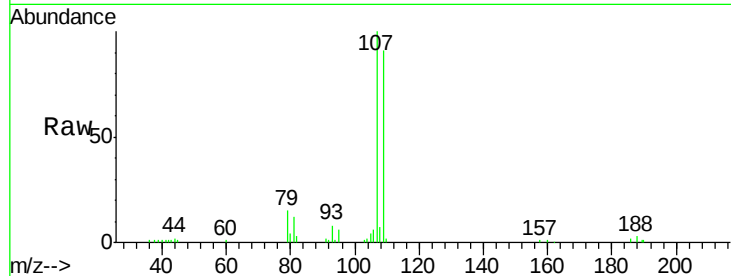
#61
 1,2-Dibromoethane
 Concen: 18.983 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. 0.00 min
 Lab File: VN064727.D
 Acq: 19 Nov 2020 12:49

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1119WBSD01

Tot Ion:107 Resp: 61395
 Ion Ratio Lower Upper
 107 100
 109 93.9 74.2 111.4

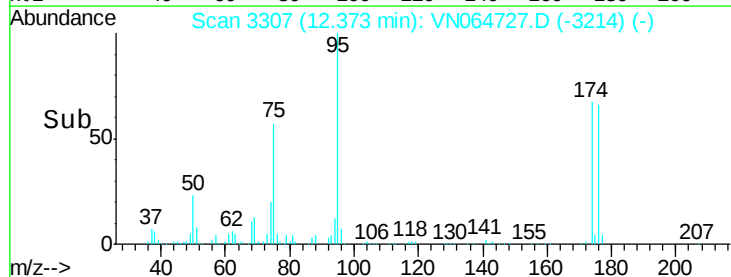
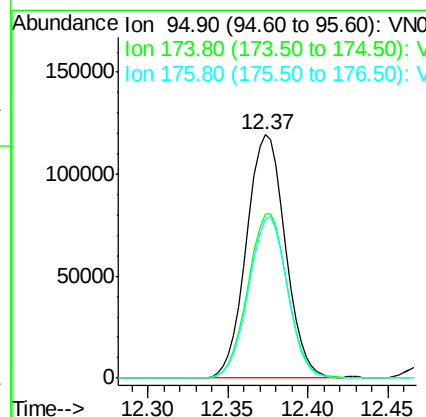
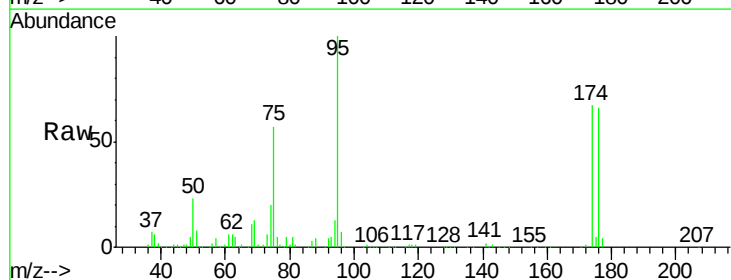
Manual Integrations
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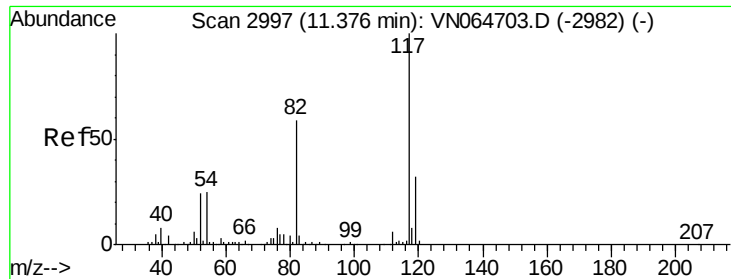
MMDadoda
 11/24/2020 3:11:17 PM



#62
 4-Bromofluorobenzene
 Concen: 47.836 ug/l
 RT: 12.37 min Scan# 3307
 Delta R.T. -0.00 min
 Lab File: VN064727.D
 Acq: 19 Nov 2020 12:49

Tgt Ion: 95 Resp: 198058
 Ion Ratio Lower Upper
 95 100
 174 68.7 0.0 136.8
 176 66.1 0.0 134.2





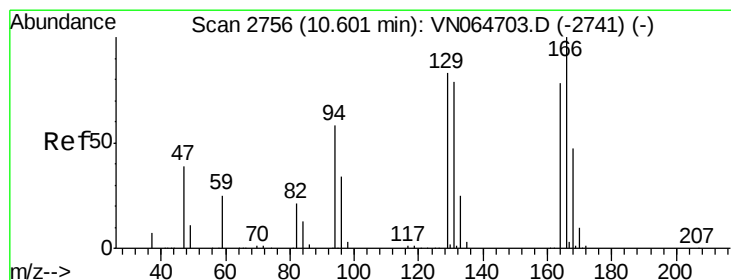
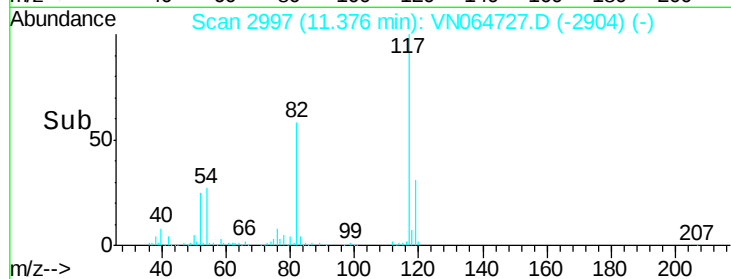
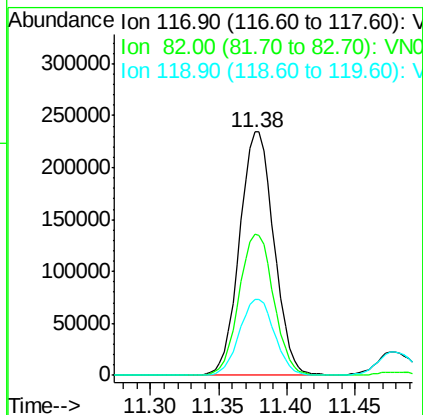
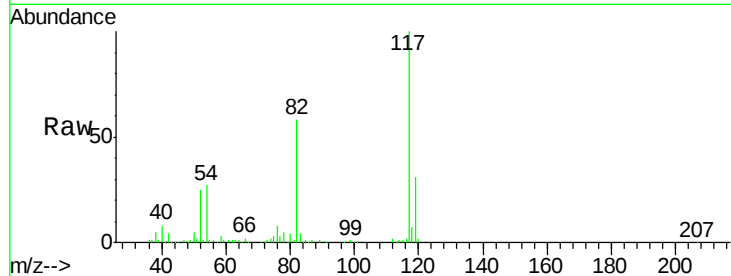
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2997
Delta R.T. -0.00 min
Lab File: VN064727.D
Acq: 19 Nov 2020 12:49

Instrument :
MSVOA_N
ClientSampleId :
VN1119WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.8	47.0	70.6
119	31.2	25.4	38.2

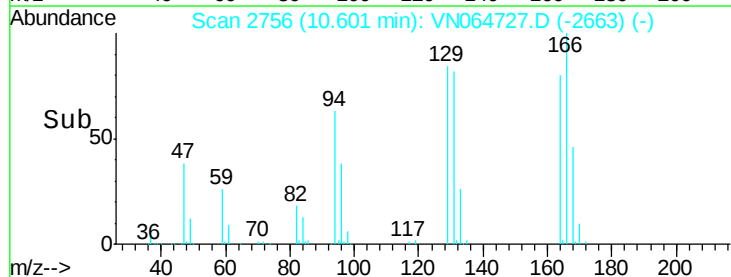
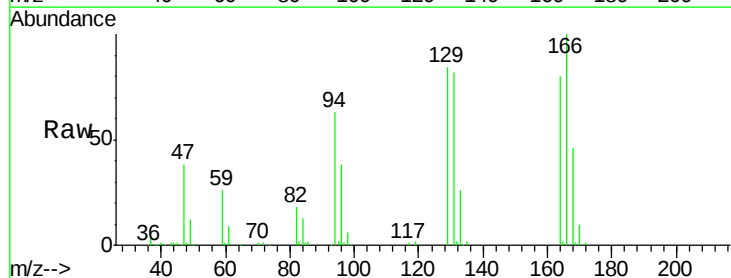
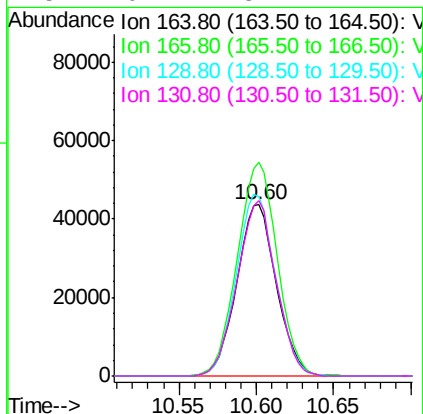
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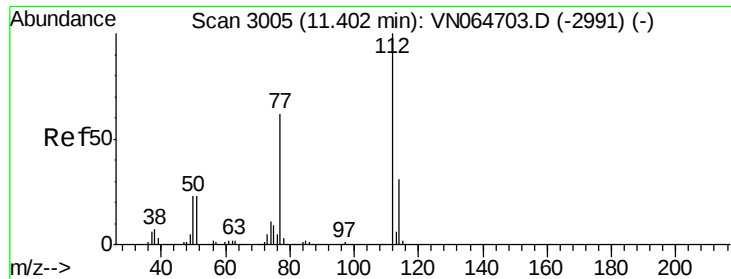
MMDadoda
11/24/2020 3:11:17 PM



#64
Tetrachloroethene
Concen: 21.346 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. -0.00 min
Lab File: VN064727.D
Acq: 19 Nov 2020 12:49

Tgt Ion	Ratio	Lower	Upper
164	100		
166	124.7	102.2	153.4
129	104.9	84.7	127.1
131	102.7	81.1	121.7





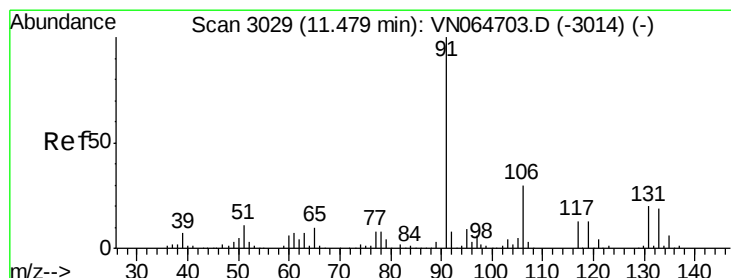
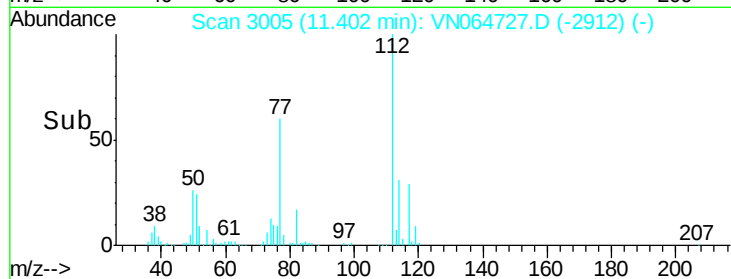
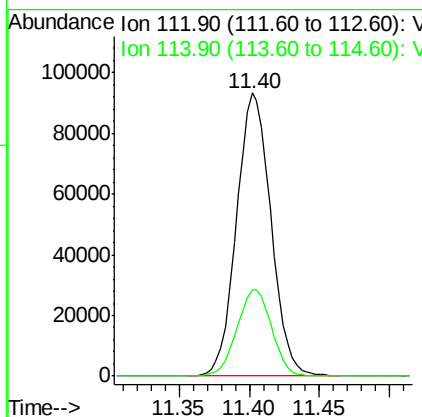
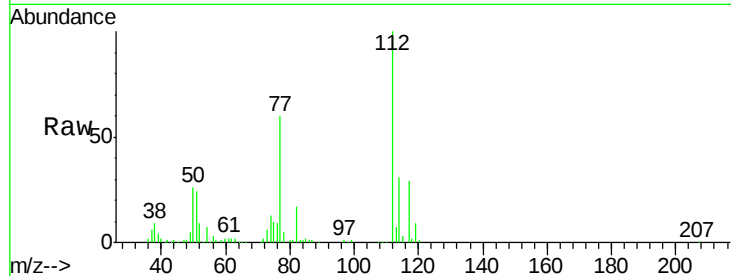
#65
Chlorobenzene
Concen: 18.298 ug/l
RT: 11.40 min Scan# 3005
Delta R.T. -0.00 min
Lab File: VN064727.D
Acq: 19 Nov 2020 12:49

Instrument :
MSVOA_N
ClientSampleId :
VN1119WBSD01

Tot Ion:112 Resp: 159679
Ion Ratio Lower Upper
112 100
114 30.6 24.7 37.1

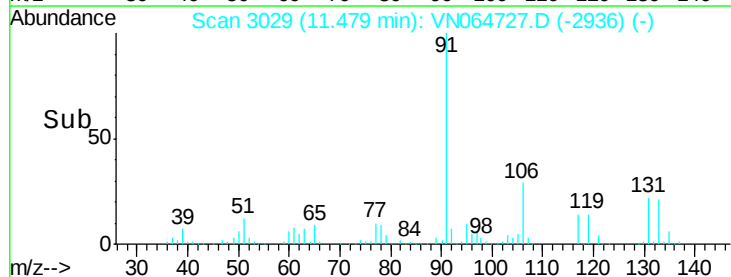
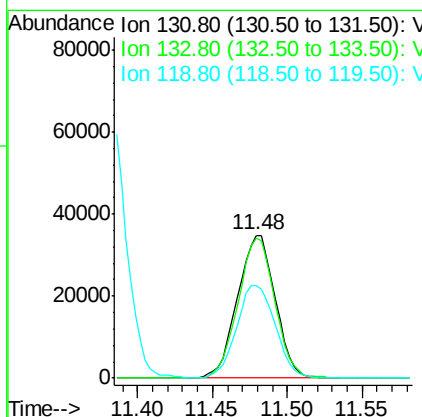
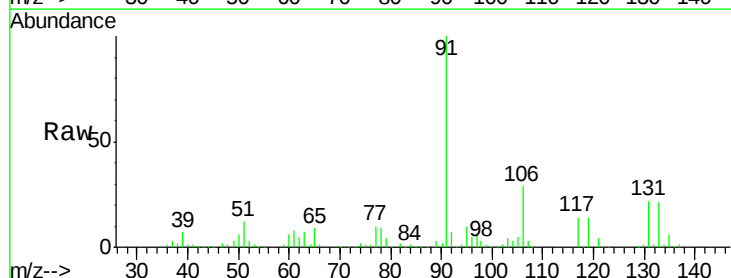
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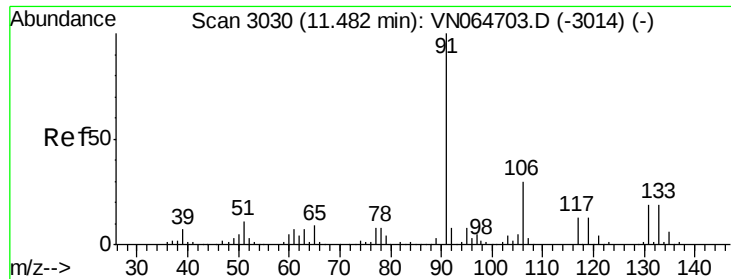
MMDadoda
11/24/2020 3:11:17 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 18.692 ug/l
RT: 11.48 min Scan# 3029
Delta R.T. -0.00 min
Lab File: VN064727.D
Acq: 19 Nov 2020 12:49

Tgt Ion:131 Resp: 60947
Ion Ratio Lower Upper
131 100
133 96.1 48.8 146.4
119 67.0 33.5 100.4





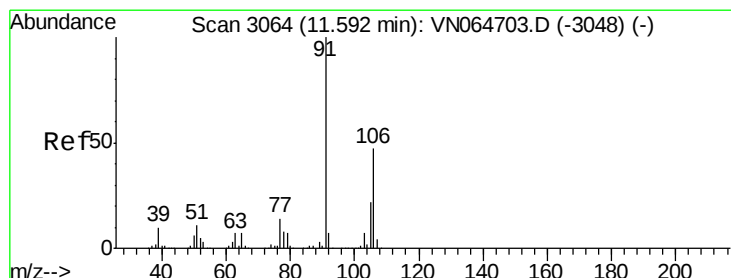
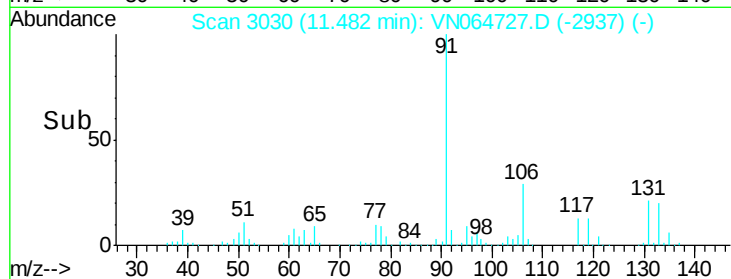
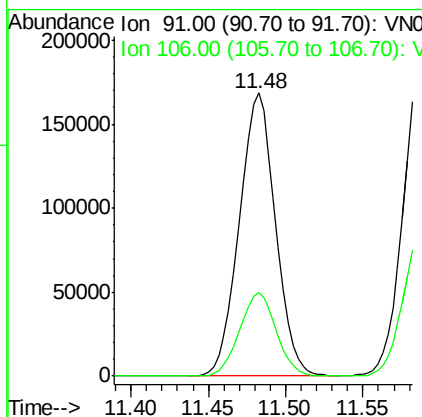
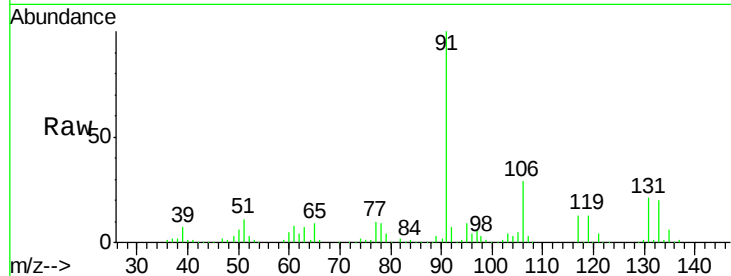
#67
Ethyl Benzene
Concen: 17.790 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. -0.00 min
Lab File: VN064727.D
Acq: 19 Nov 2020 12:49

Instrument :
MSVOA_N
ClientSampleId :
VN1119WBSD01

Tot Ion: 91 Resp: 273717
Ion Ratio Lower Upper
91 100
106 29.4 23.9 35.9

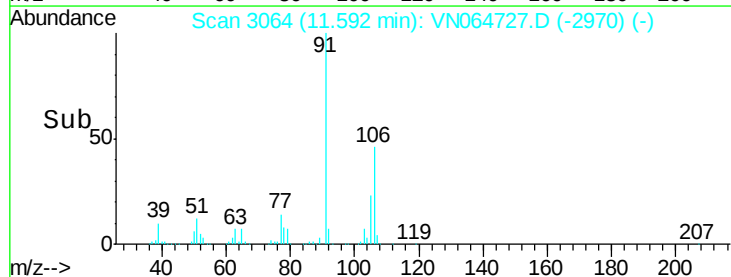
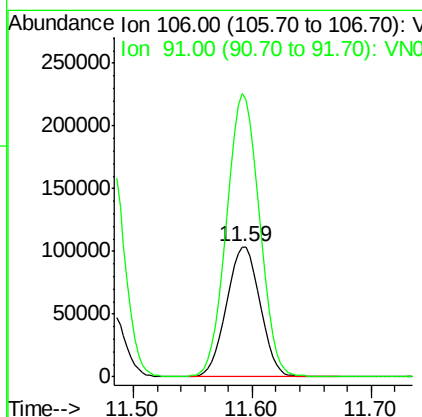
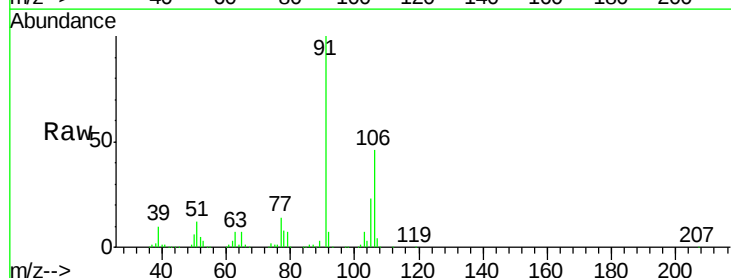
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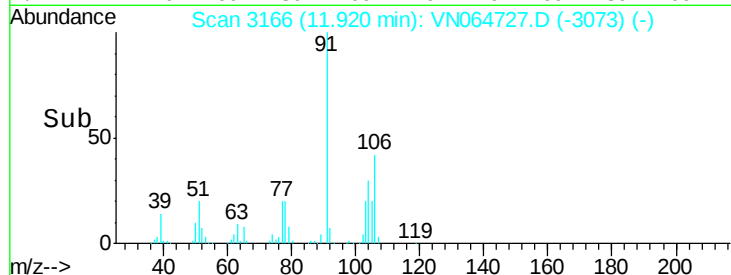
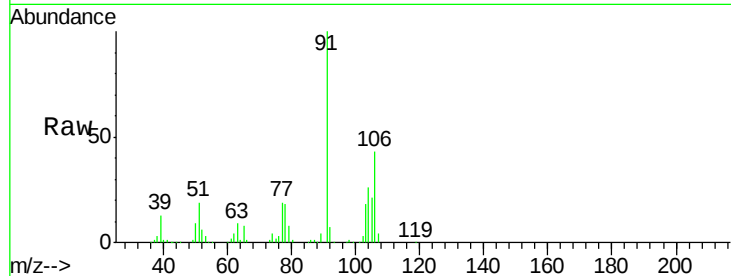
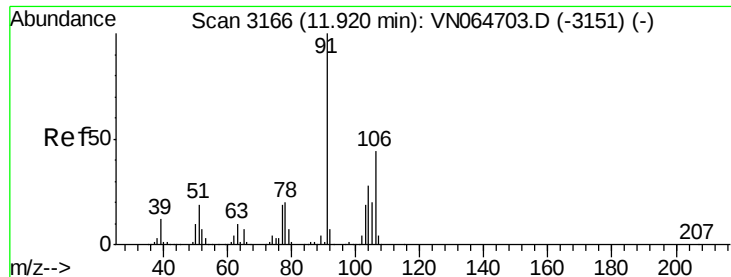
MMDadoda
11/24/2020 3:11:17 PM



#68
m/p-Xylenes
Concen: 35.262 ug/l
RT: 11.59 min Scan# 3064
Delta R.T. 0.00 min
Lab File: VN064727.D
Acq: 19 Nov 2020 12:49

Tgt Ion: 106 Resp: 203186
Ion Ratio Lower Upper
106 100
91 212.2 171.9 257.9





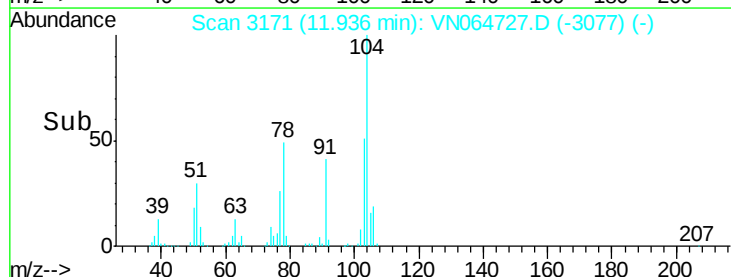
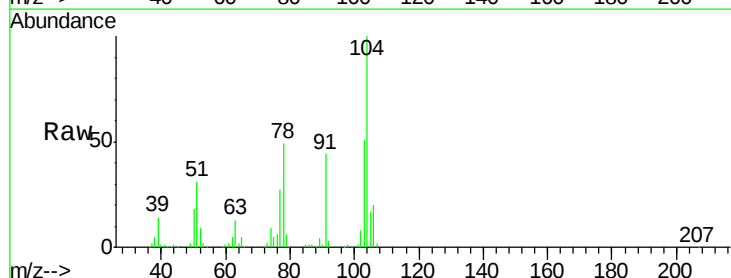
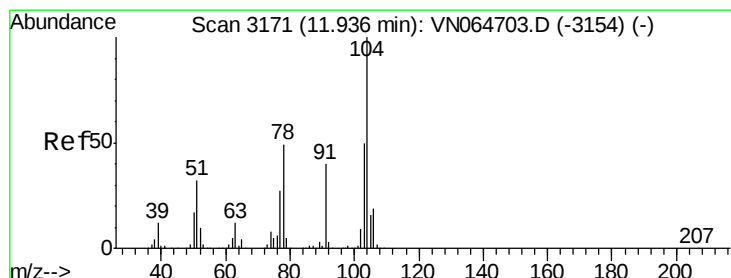
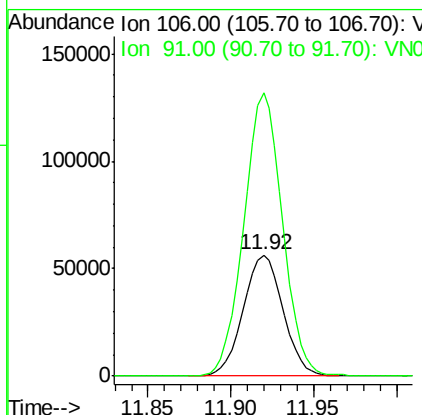
#69
o-Xylene
Concen: 17.467 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. -0.00 min
Lab File: VN064727.D
Acq: 19 Nov 2020 12:49

Tot Ion:106 Resp: 93758
Ion Ratio Lower Upper
106 100
91 228.2 112.1 336.3

Instrument :
MSVOA_N
ClientSampleId :
VN1119WBSD01

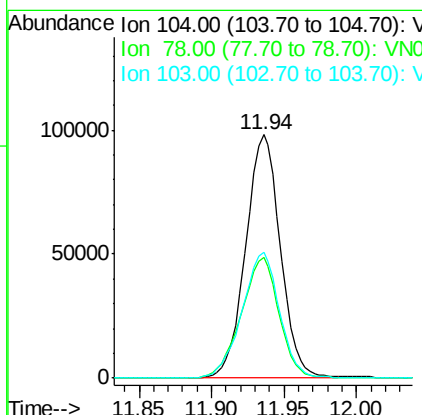
Manual Integrations
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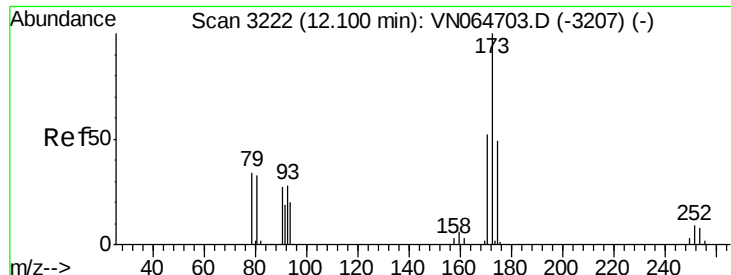
MMDadoda
11/24/2020 3:11:17 PM



#70
Styrene
Concen: 17.416 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. 0.00 min
Lab File: VN064727.D
Acq: 19 Nov 2020 12:49

Tgt Ion:104 Resp: 164091
Ion Ratio Lower Upper
104 100
78 54.0 44.1 66.1
103 55.7 43.7 65.5





#71

Bromoform

Concen: 17.778 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. 0.00 min

Lab File: VN064727.D

Acq: 19 Nov 2020 12:49

Instrument :

MSVOA_N

ClientSampleId :

VN1119WBSD01

Tot Ion:173 Resp: 40858

Ion Ratio Lower Upper

173 100

175 49.2 24.3 72.9

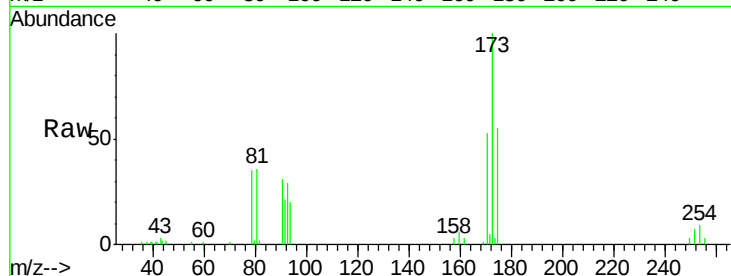
254 0.0 0.1 0.1#

Manual Integrations

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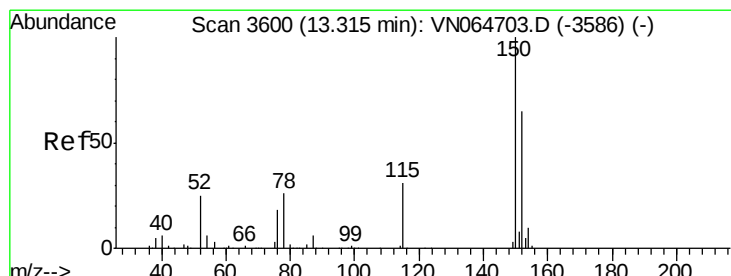
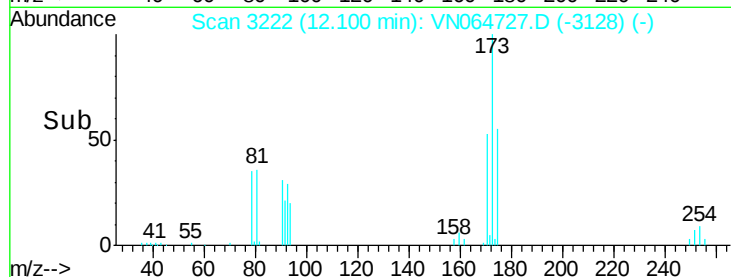
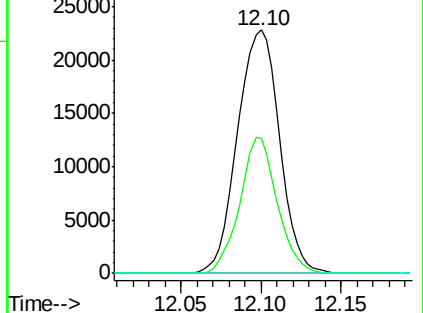
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3600

Delta R.T. -0.00 min

Lab File: VN064727.D

Acq: 19 Nov 2020 12:49

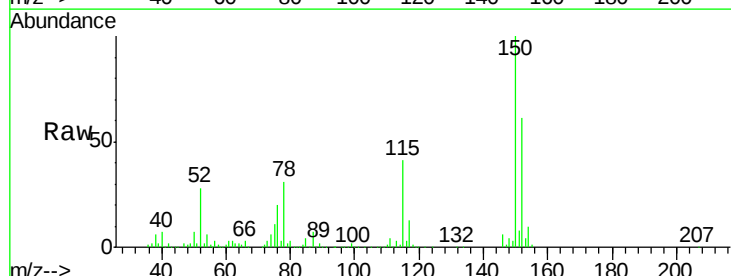
Tgt Ion:152 Resp: 187335

Ion Ratio Lower Upper

152 100

115 65.6 32.1 96.3

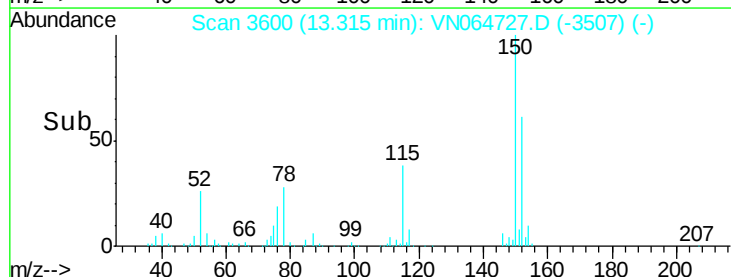
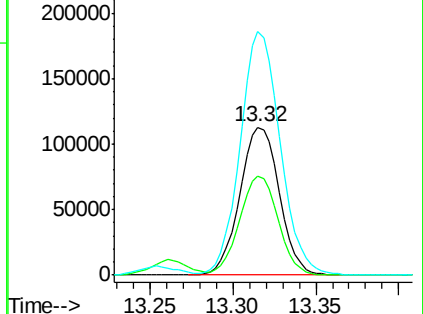
150 165.8 0.0 344.8

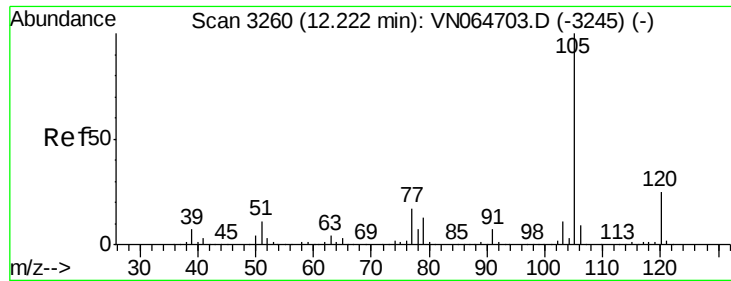


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 18.825 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. -0.00 min

Lab File: VN064727.D

Acq: 19 Nov 2020 12:49

Instrument :

MSVOA_N

ClientSampleId :

VN1119WBSD01

Tot Ion: 105 Resp: 250392

Ion Ratio Lower Upper

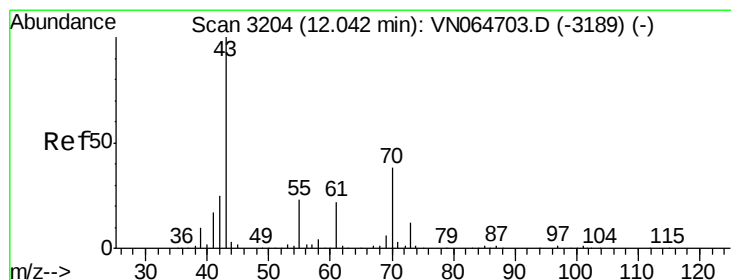
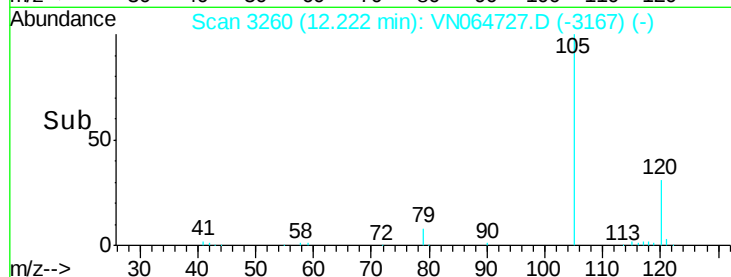
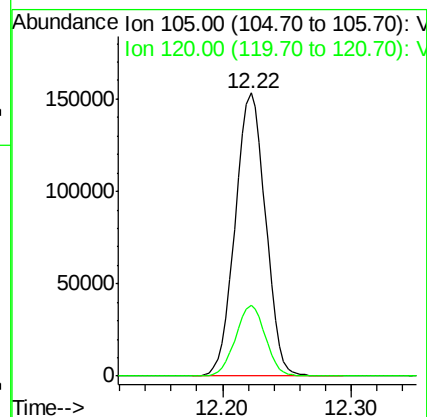
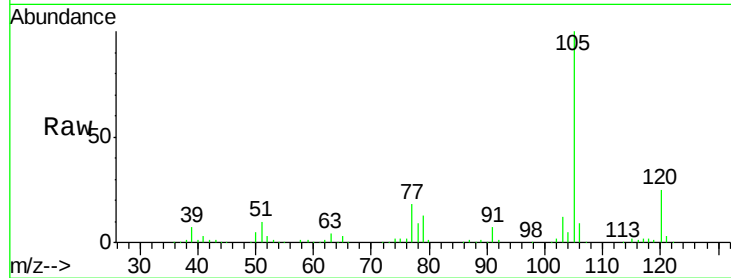
105 100

120 24.7 12.8 38.3

Manual Integrations
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#74

N-ethyl acetate

Concen: 17.827 ug/l

RT: 12.04 min Scan# 3204

Delta R.T. -0.00 min

Lab File: VN064727.D

Acq: 19 Nov 2020 12:49

Tgt Ion: 43 Resp: 110736

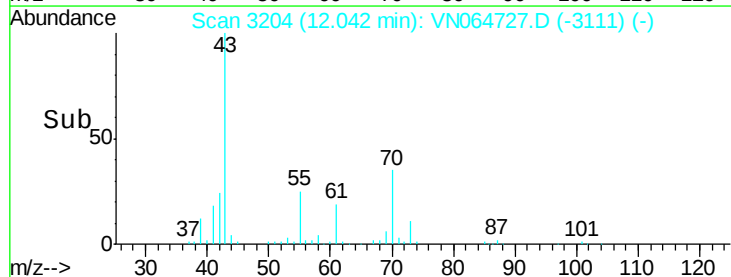
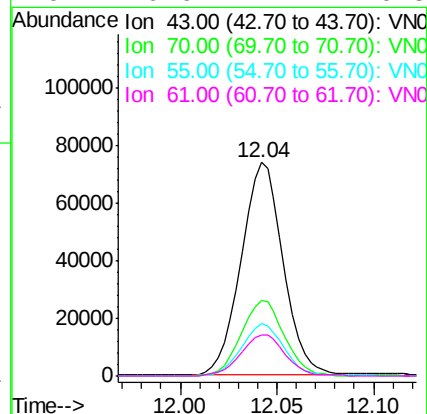
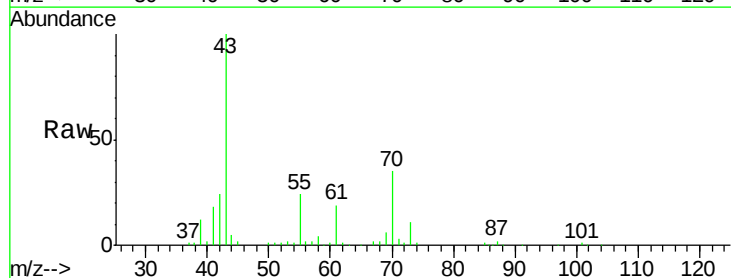
Ion Ratio Lower Upper

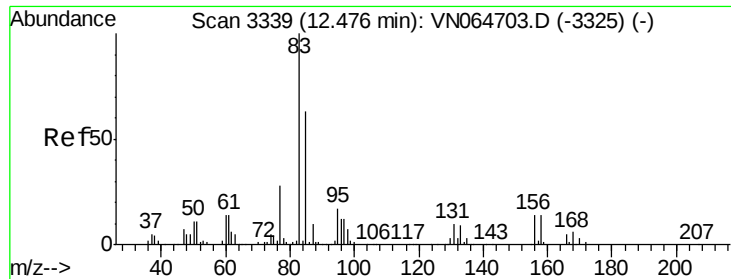
43 100

70 36.7 30.3 45.5

55 24.9 18.9 28.3

61 20.6 17.7 26.5





#75

1,1,2,2-Tetrachloroethane

Concen: 18.850 ug/l

RT: 12.48 min Scan# 3339

Delta R.T. -0.00 min

Lab File: VN064727.D

Acq: 19 Nov 2020 12:49

Instrument :

MSVOA_N

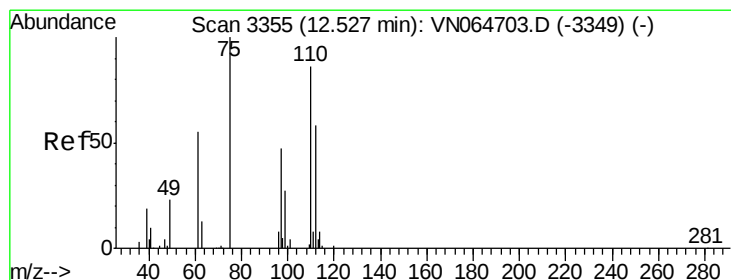
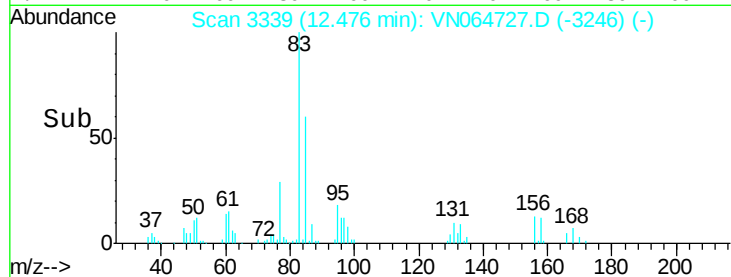
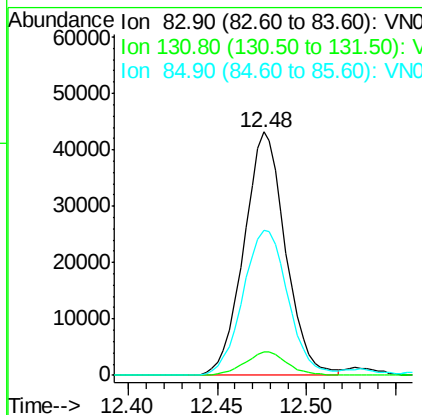
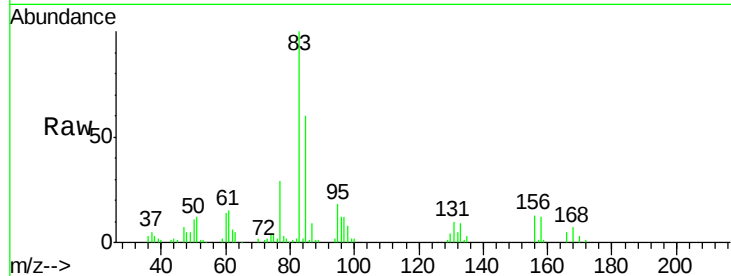
ClientSampleId :

VN1119WBSD01

Tot Ion:	83	Resp:	70095
Ion Ratio	Lower	Upper	
83	100		
131	9.9	5.0	15.0
85	64.2	31.8	95.4

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#76

1,2,3-Trichloropropane

Concen: 19.666 ug/l m

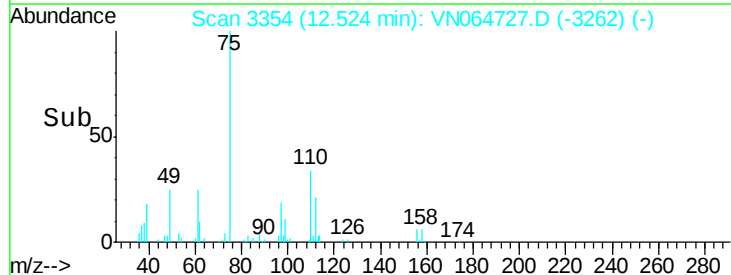
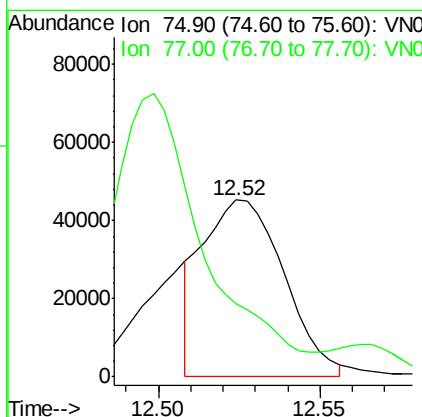
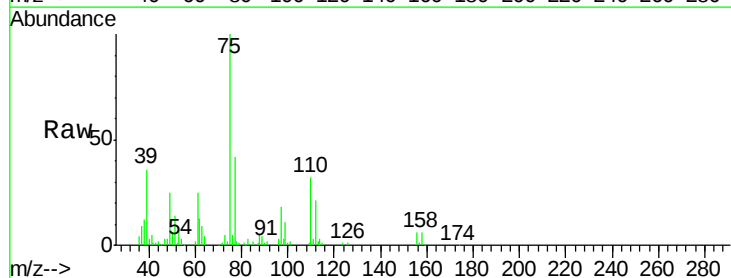
RT: 12.52 min Scan# 3354

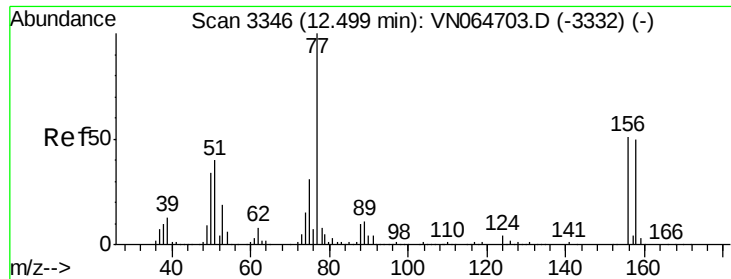
Delta R.T. -0.00 min

Lab File: VN064727.D

Acq: 19 Nov 2020 12:49

Tgt Ion:	75	Resp:	79380
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 18.552 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. -0.00 min

Lab File: VN064727.D

Acq: 19 Nov 2020 12:49

Instrument :

MSVOA_N

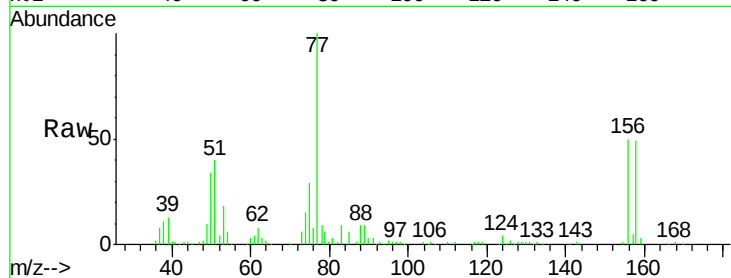
ClientSampleId :

VN1119WBSD01

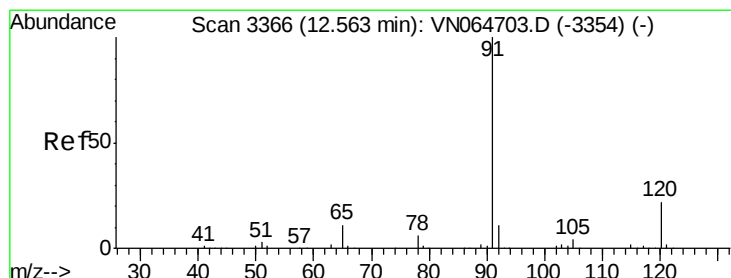
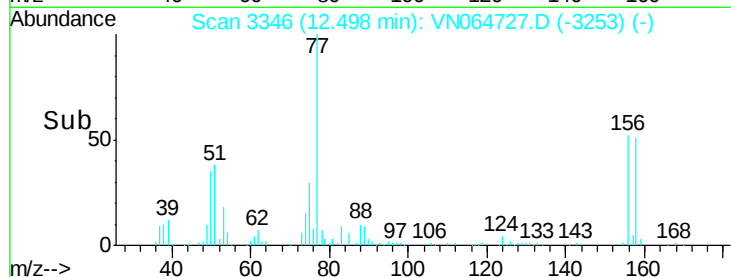
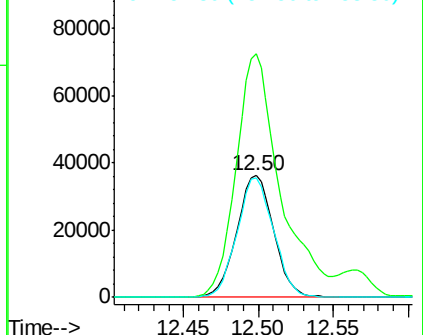
Tot Ion:	156	Resp:	62234
Ion	Ratio	Lower	Upper
156	100		
77	237.5	117.3	351.9
158	97.4	49.0	147.2

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Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VN
Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.002 ug/l

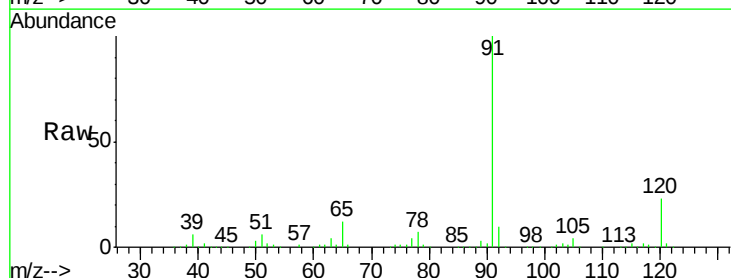
RT: 12.56 min Scan# 3366

Delta R.T. -0.00 min

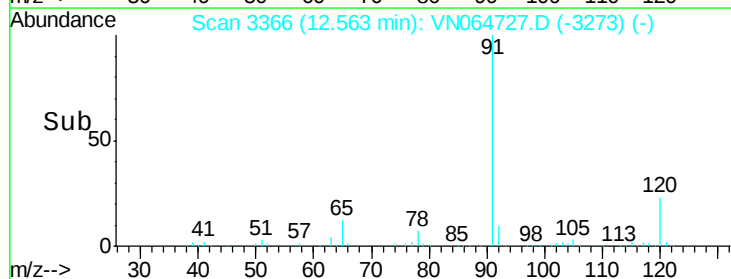
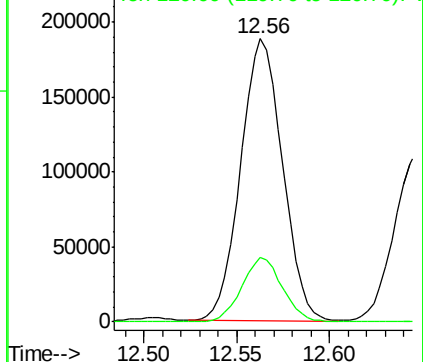
Lab File: VN064727.D

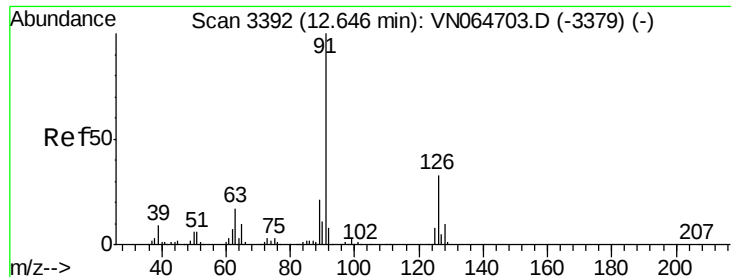
Acq: 19 Nov 2020 12:49

Tgt Ion:	91	Resp:	294333
Ion	Ratio	Lower	Upper
91	100		
120	22.2	10.9	32.9



Abundance Ion 91.00 (90.70 to 91.70): VN
Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.568 ug/l

RT: 12.65 min Scan# 3392

Delta R.T. -0.00 min

Lab File: VN064727.D

Acq: 19 Nov 2020 12:49

Instrument :

MSVOA_N

ClientSampleId :

VN1119WBSD01

Tot Ion: 91 Resp: 184080

Ion Ratio Lower Upper

91 100

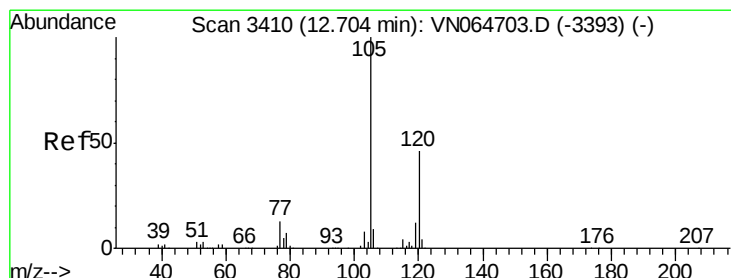
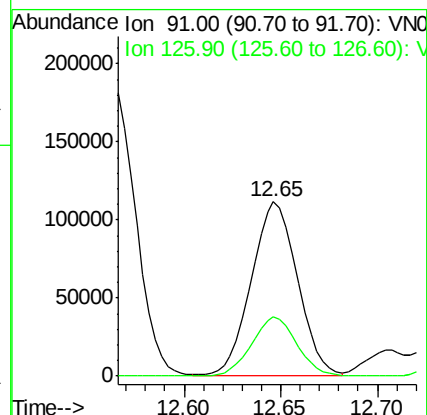
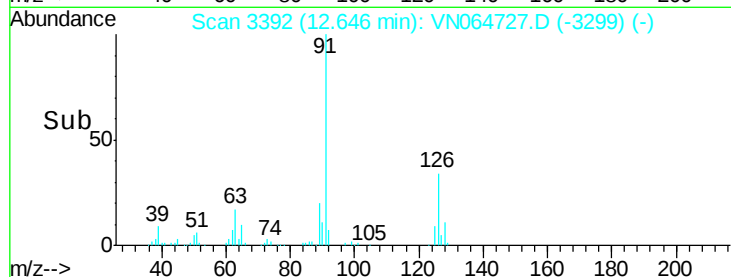
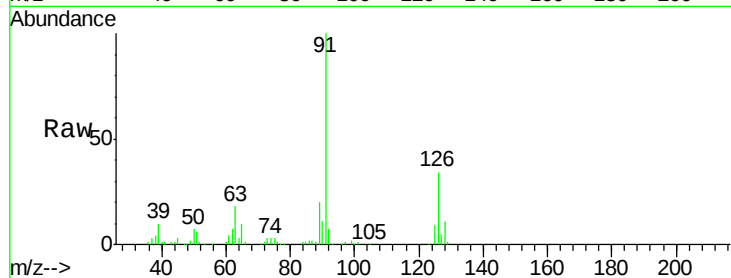
126 33.4 16.0 48.0

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 19.221 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. 0.00 min

Lab File: VN064727.D

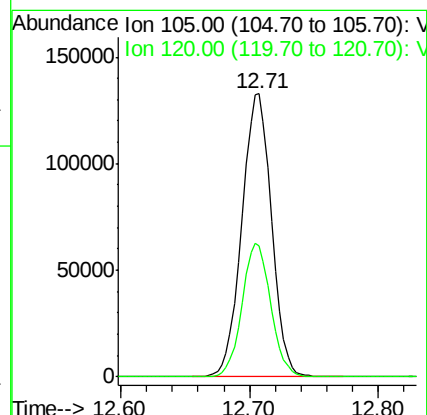
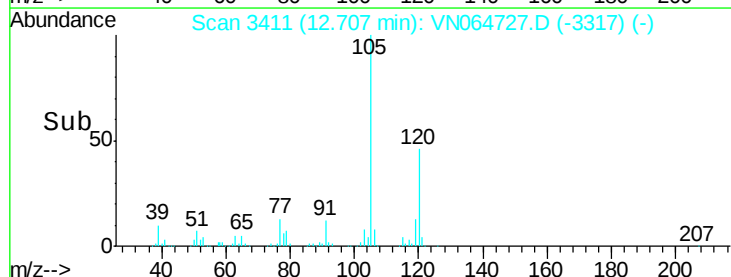
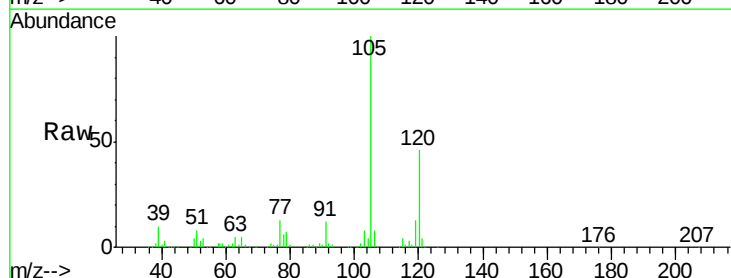
Acq: 19 Nov 2020 12:49

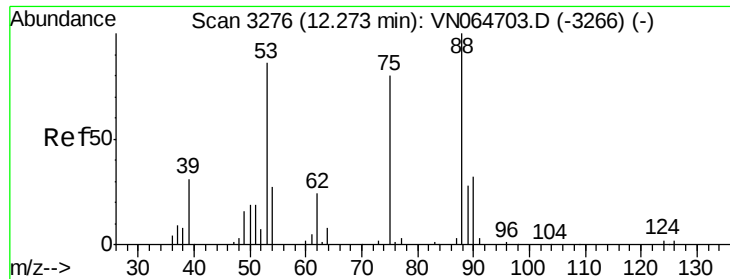
Tgt Ion: 105 Resp: 212372

Ion Ratio Lower Upper

105 100

120 45.4 22.9 68.8





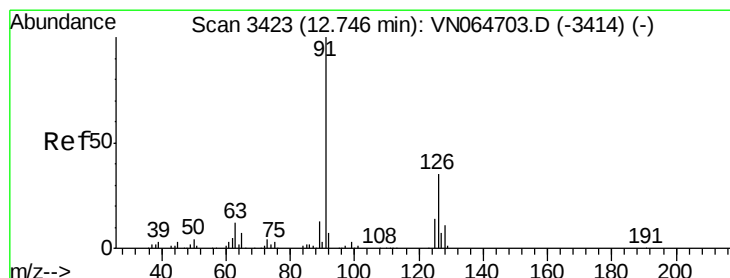
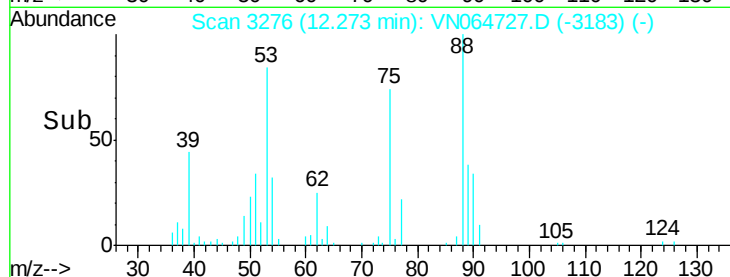
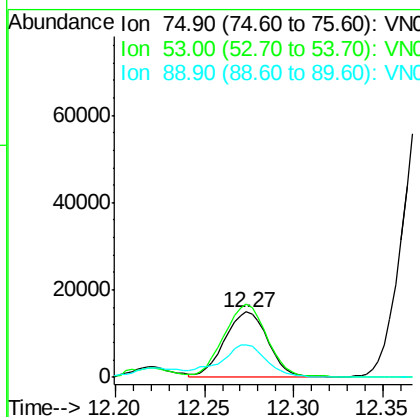
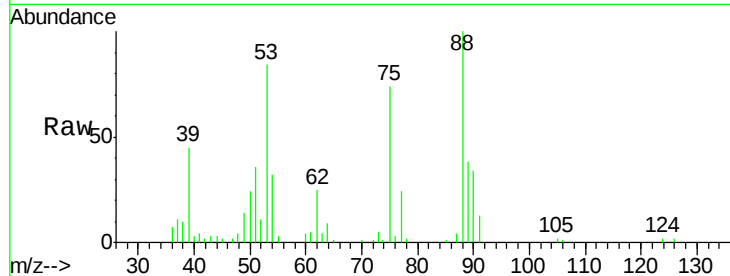
#81
trans-1,4-Dichloro-2-butene
Concen: 17.392 ug/l
RT: 12.27 min Scan# 3276
Delta R.T. 0.00 min
Lab File: VN064727.D
Acq: 19 Nov 2020 12:49

Instrument :
MSVOA_N
ClientSampleId :
VN1119WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
53	108.8	88.8	133.2
89	52.7	43.1	64.7

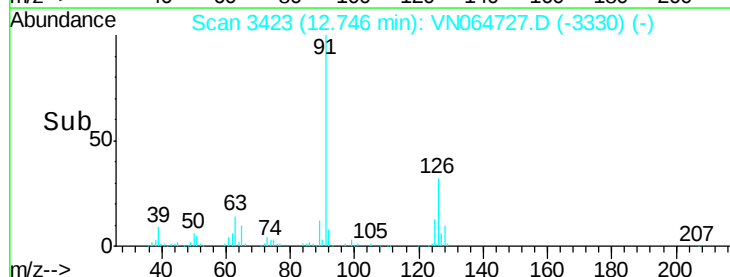
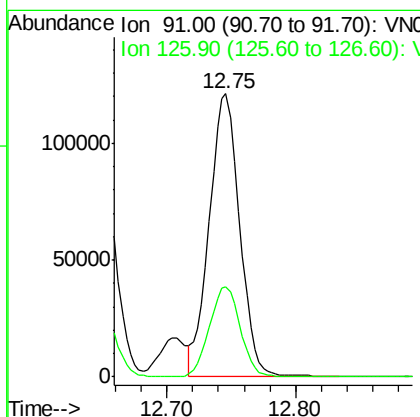
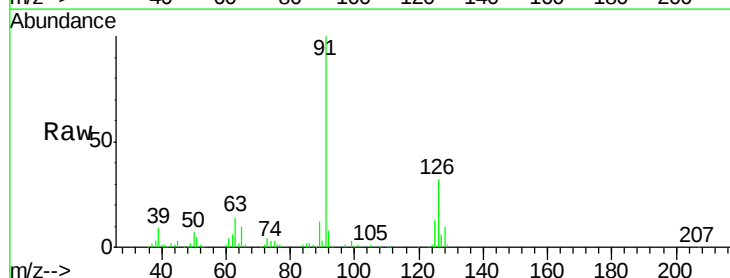
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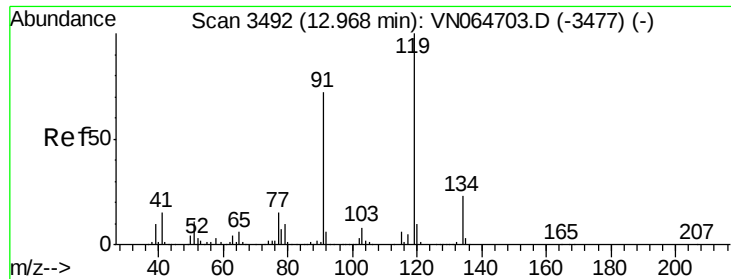
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#82
4-Chlorotoluene
Concen: 18.808 ug/l
RT: 12.75 min Scan# 3423
Delta R.T. -0.00 min
Lab File: VN064727.D
Acq: 19 Nov 2020 12:49

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.2	15.9	47.7





#83

tert-Butylbenzene

Concen: 18.583 ug/l

RT: 12.97 min Scan# 3492

Delta R.T. -0.00 min

Lab File: VN064727.D

Acq: 19 Nov 2020 12:49

Instrument :

MSVOA_N

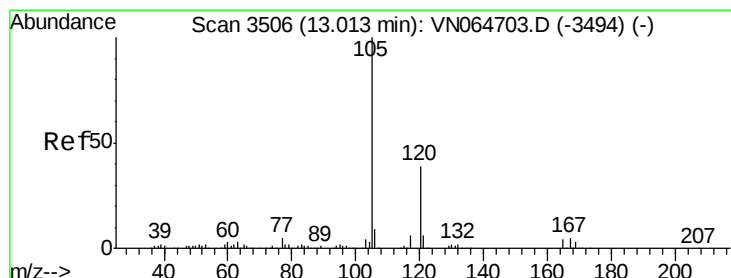
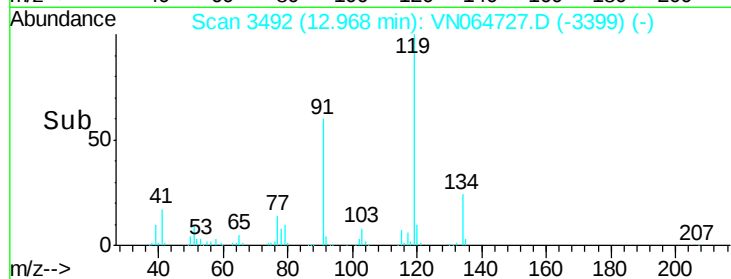
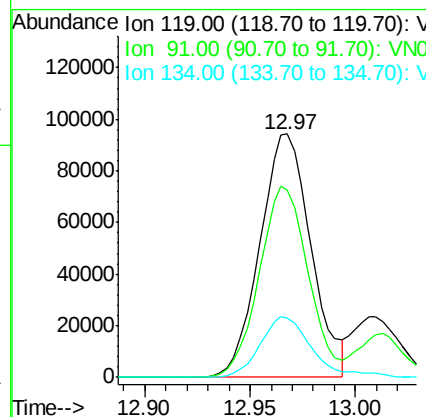
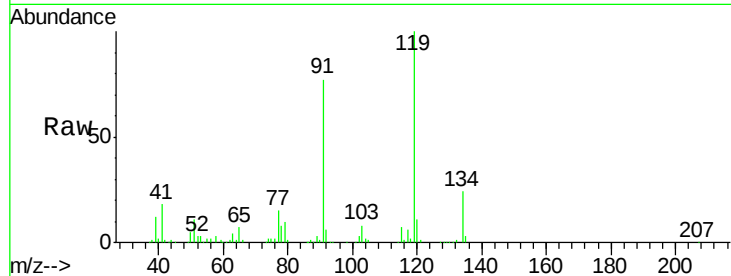
ClientSampleId :

VN1119WBSD01

Tot Ion:	119	Resp:	158839
Ion Ratio	Lower	Upper	
119	100		
91	75.4	35.8	107.4
134	25.2	12.0	36.1

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#84

1,2,4-Trimethylbenzene

Concen: 19.196 ug/l

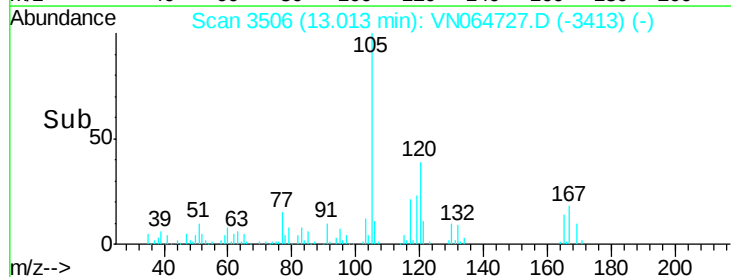
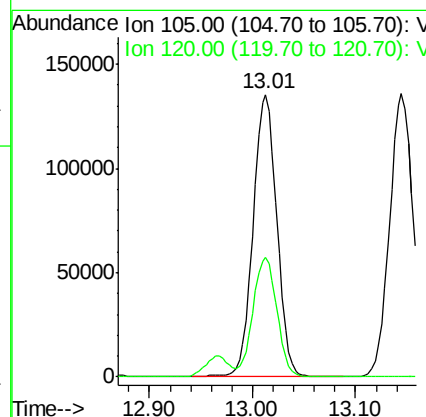
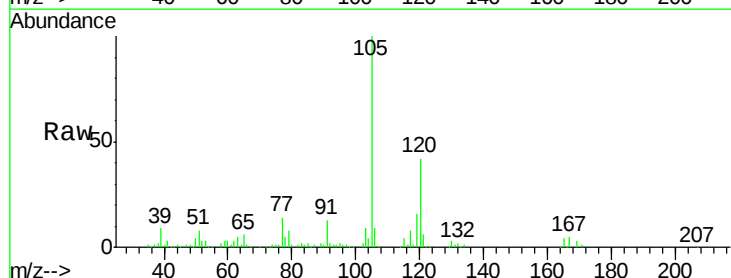
RT: 13.01 min Scan# 3506

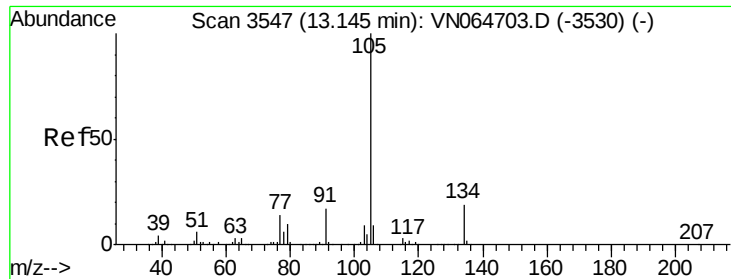
Delta R.T. -0.00 min

Lab File: VN064727.D

Acq: 19 Nov 2020 12:49

Tgt Ion:	105	Resp:	216464
Ion Ratio	Lower	Upper	
105	100		
120	42.4	22.0	66.0





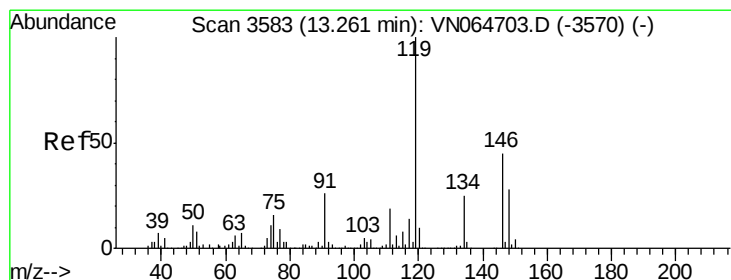
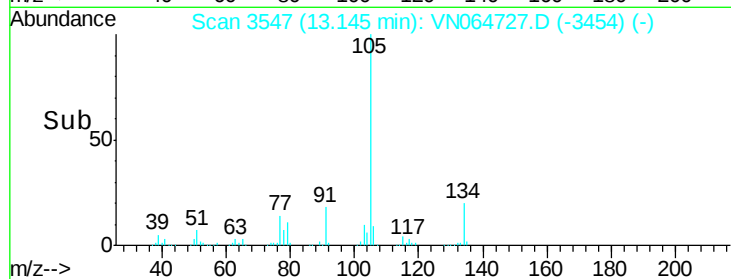
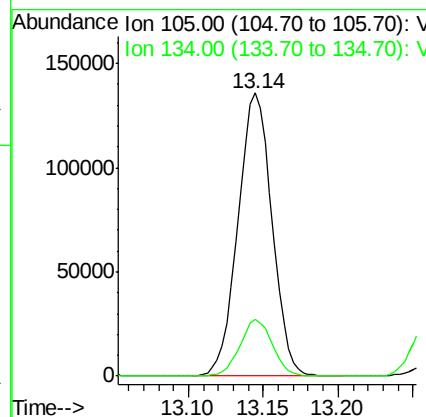
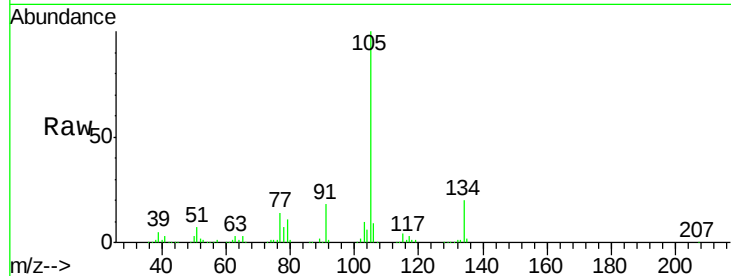
#85
 sec-Butylbenzene
 Concen: 18.899 ug/l
 RT: 13.14 min Scan# 3547
 Delta R.T. -0.00 min
 Lab File: VN064727.D
 Acq: 19 Nov 2020 12:49

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1119WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
105	100	215316		
134	19.2	9.5	28.5	

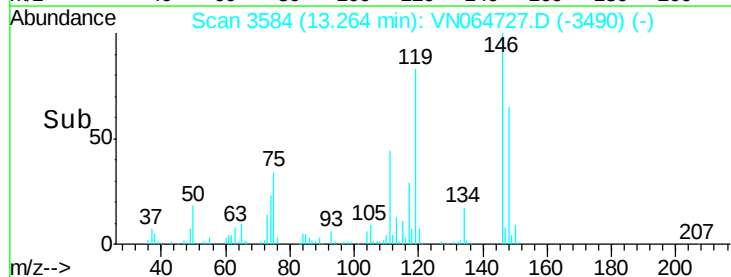
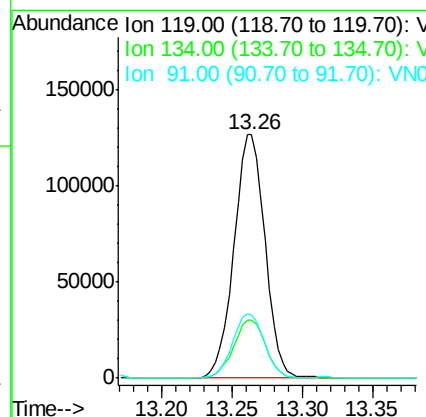
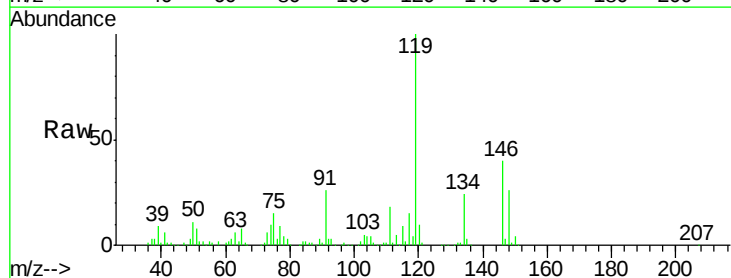
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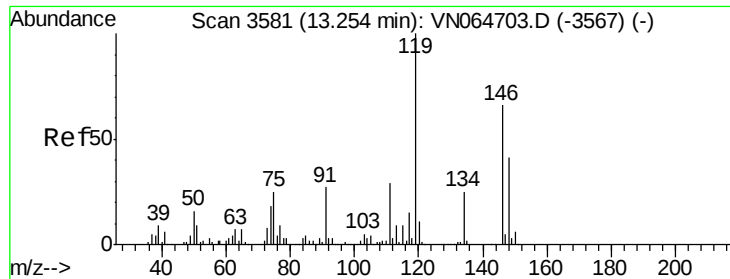
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 11/24/2020 3:11:17 PM



#86
 p-Isopropyltoluene
 Concen: 18.502 ug/l
 RT: 13.26 min Scan# 3584
 Delta R.T. 0.00 min
 Lab File: VN064727.D
 Acq: 19 Nov 2020 12:49

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	193861		
134	24.8	12.7	38.0	
91	27.3	13.3	39.8	





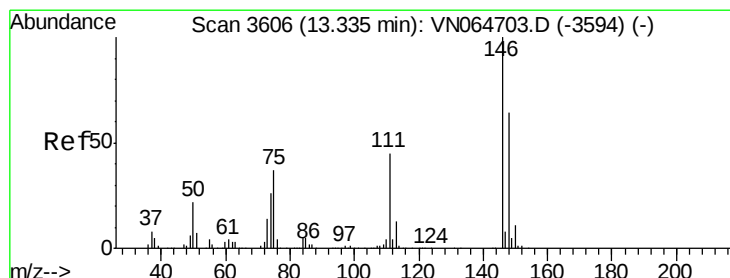
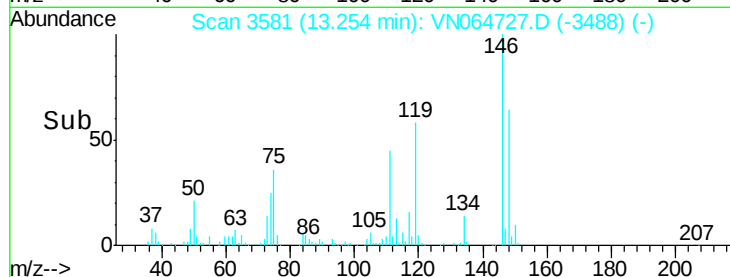
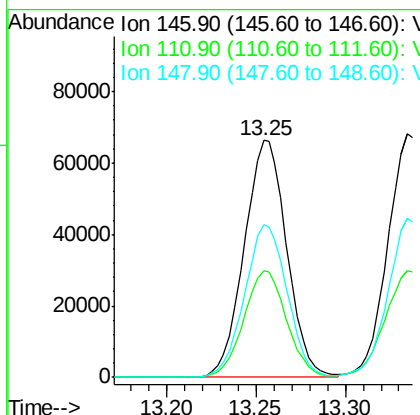
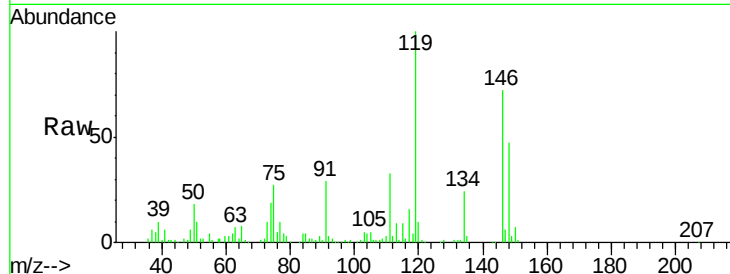
#87
 1,3-Dichlorobenzene
 Concen: 18.104 ug/l
 RT: 13.25 min Scan# 3581
 Delta R.T. -0.00 min
 Lab File: VN064727.D
 Acq: 19 Nov 2020 12:49

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1119WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	110654		
111	45.3	21.8	65.4	
148	64.4	31.5	94.5	

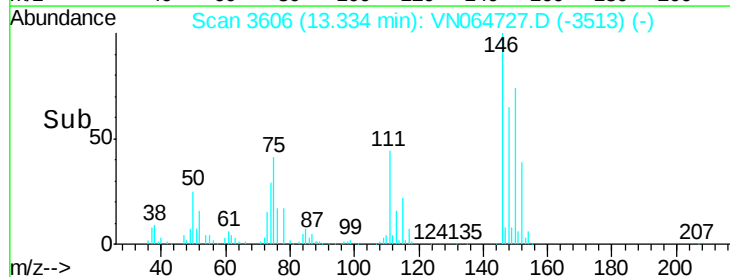
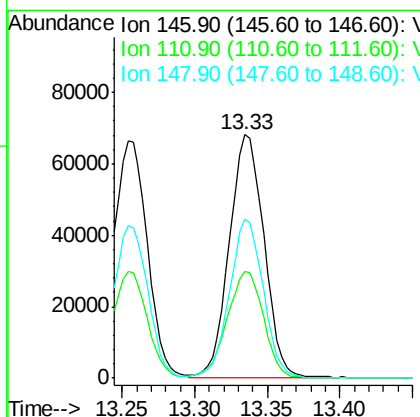
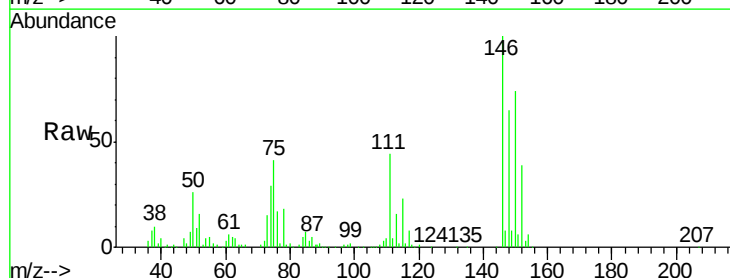
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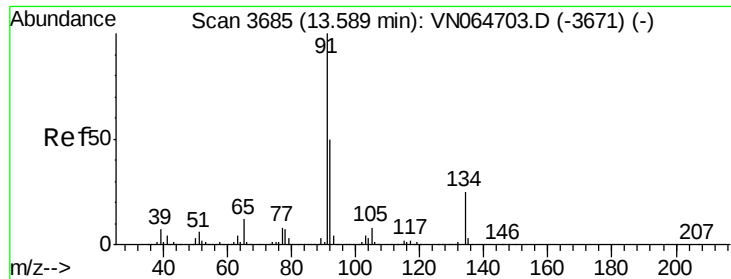
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#88
 1,4-Dichlorobenzene
 Concen: 18.064 ug/l
 RT: 13.33 min Scan# 3606
 Delta R.T. -0.00 min
 Lab File: VN064727.D
 Acq: 19 Nov 2020 12:49

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	113355		
111	46.1	22.3	66.8	
148	63.9	31.6	94.7	





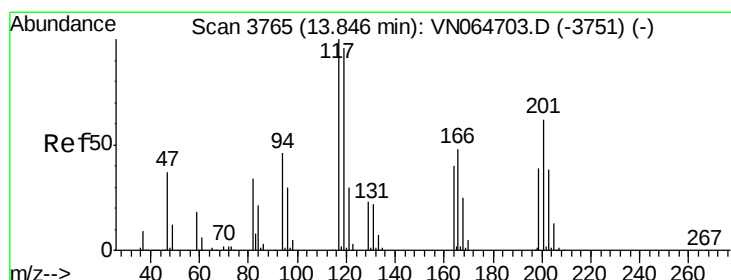
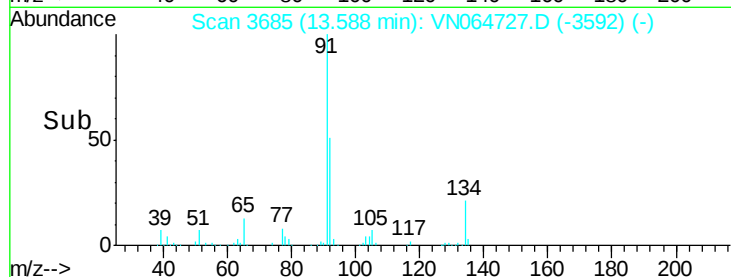
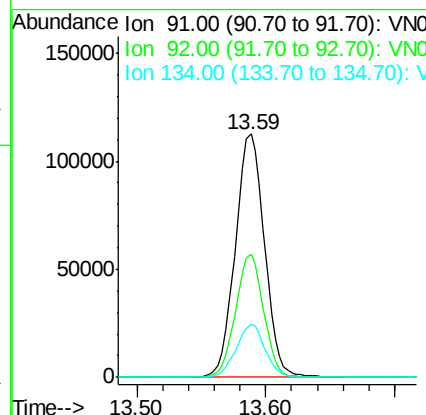
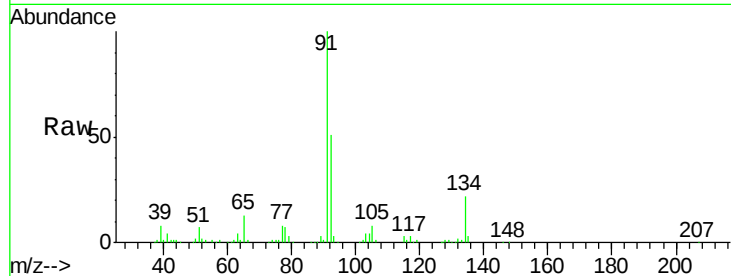
#89
n-Butylbenzene
Concen: 18.085 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. -0.00 min
Lab File: VN064727.D
Acq: 19 Nov 2020 12:49

Instrument :
MSVOA_N
ClientSampleId :
VN1119WBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	48.6	24.9	74.8
134	21.6	12.0	36.0

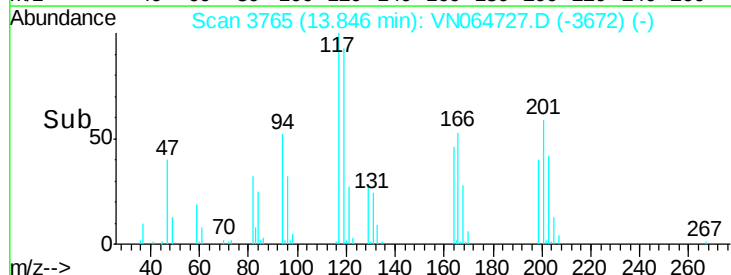
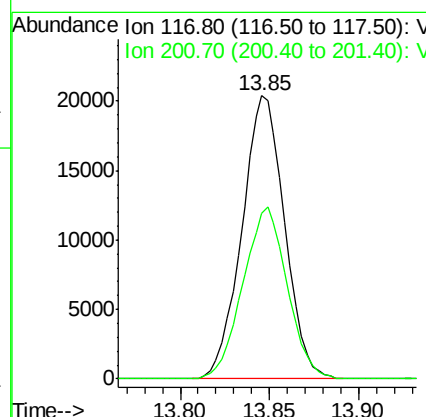
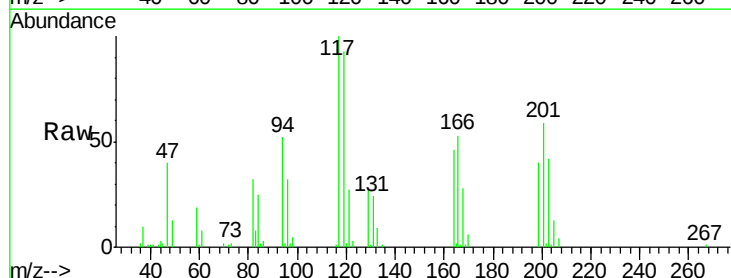
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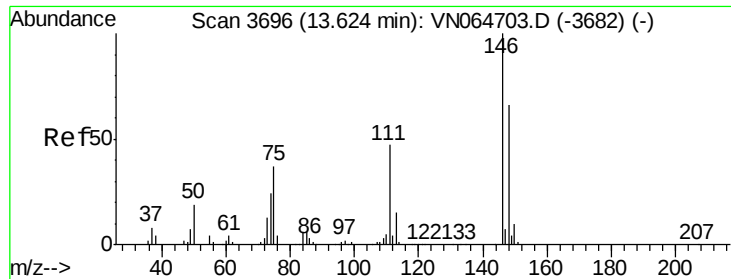
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#90
Hexachloroethane
Concen: 19.574 ug/l
RT: 13.85 min Scan# 3765
Delta R.T. -0.00 min
Lab File: VN064727.D
Acq: 19 Nov 2020 12:49

Tgt Ion	Ratio	Lower	Upper
117	100		
201	63.0	31.9	95.5





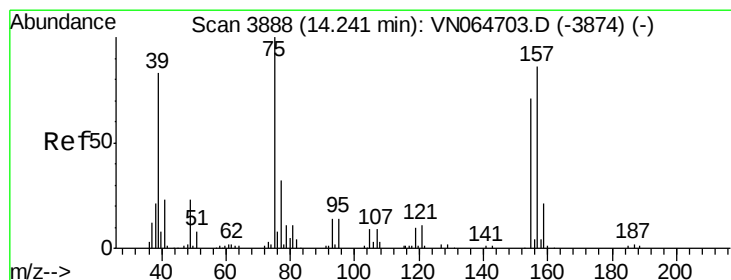
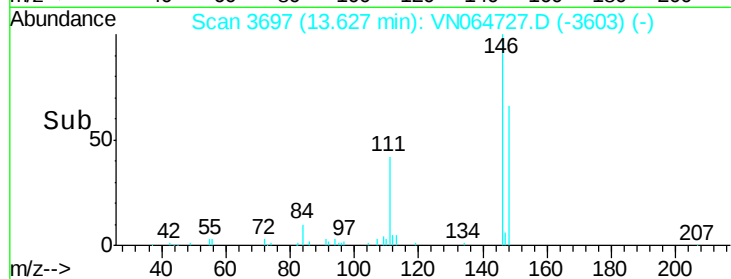
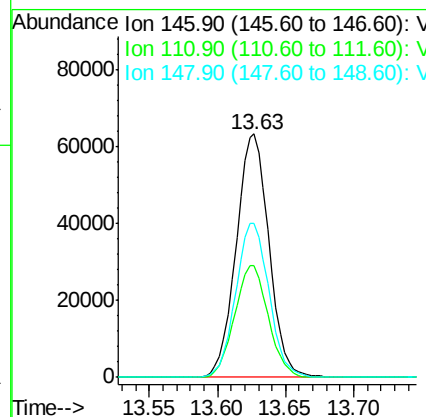
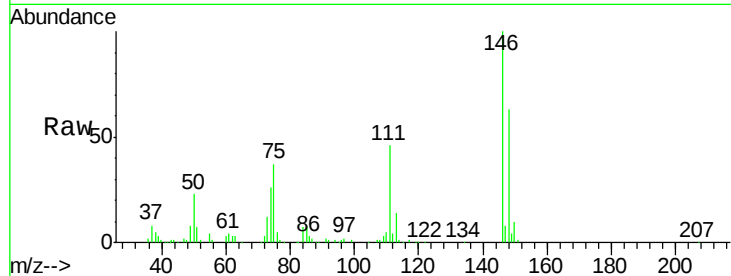
#91
 1,2-Dichlorobenzene
 Concen: 17.714 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN064727.D
 Acq: 19 Nov 2020 12:49

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1119WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	47.0	23.1	69.3
148	64.0	32.2	96.6

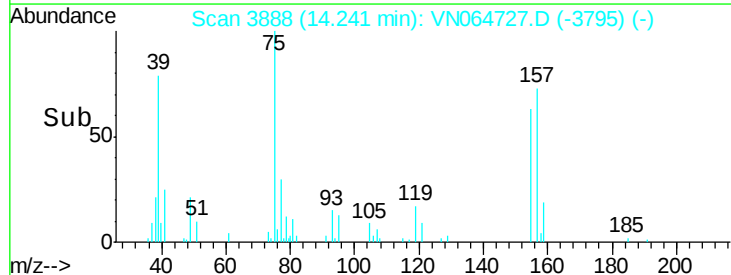
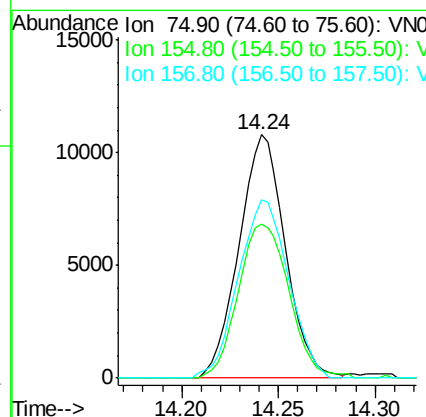
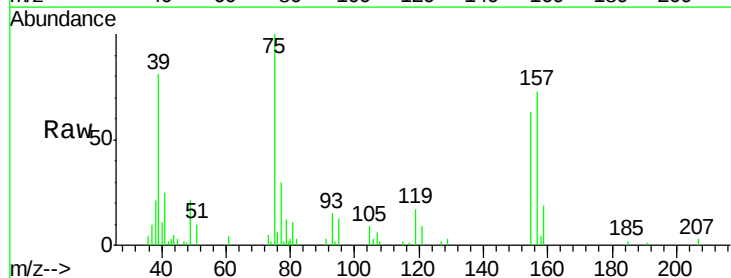
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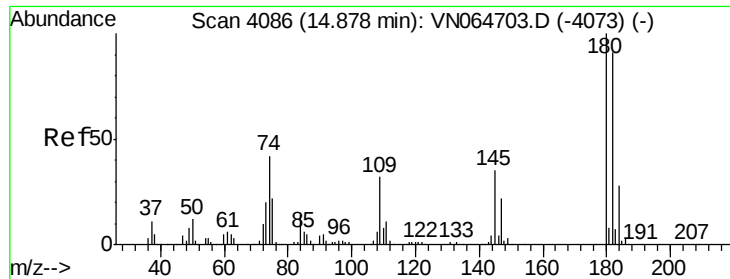
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.424 ug/l
 RT: 14.24 min Scan# 3888
 Delta R.T. -0.00 min
 Lab File: VN064727.D
 Acq: 19 Nov 2020 12:49

Tgt Ion	Ratio	Lower	Upper
75	100		
155	69.2	33.6	100.6
157	79.3	42.4	127.2





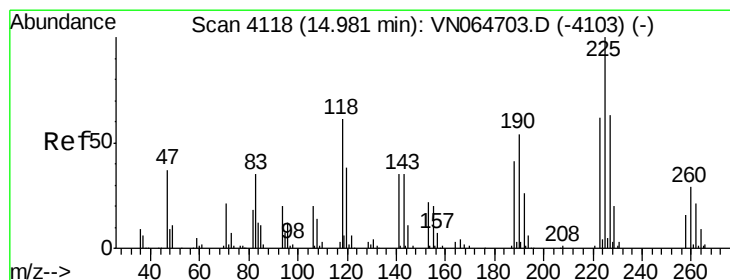
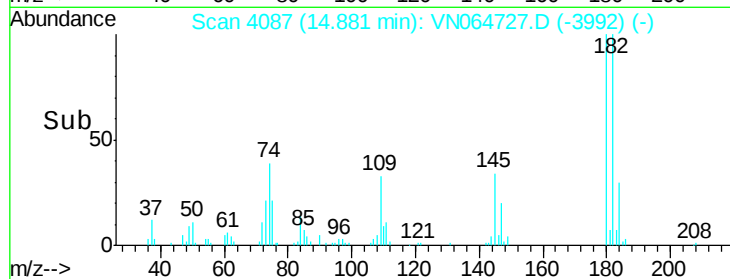
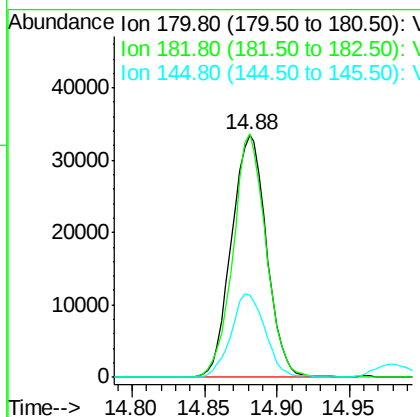
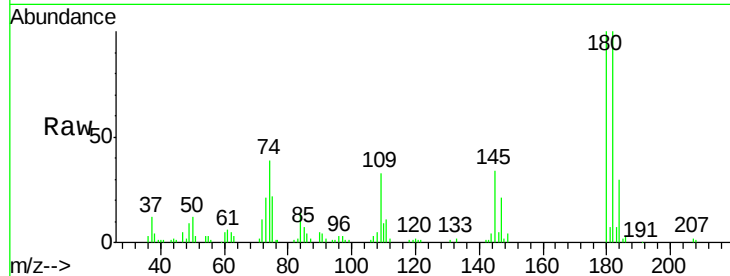
#93
 1,2,4-Trichlorobenzene
 Concen: 18.172 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN064727.D
 Acq: 19 Nov 2020 12:49

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1119WBSD01

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.3	47.3	141.8
145	33.5	17.5	52.5

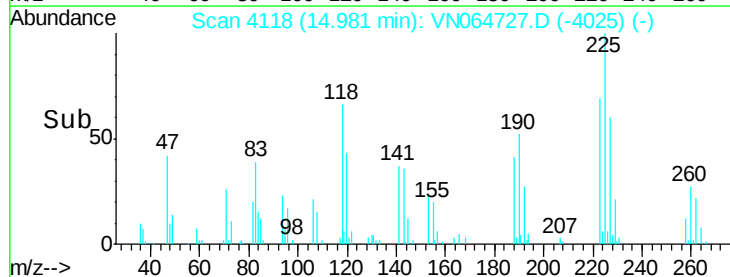
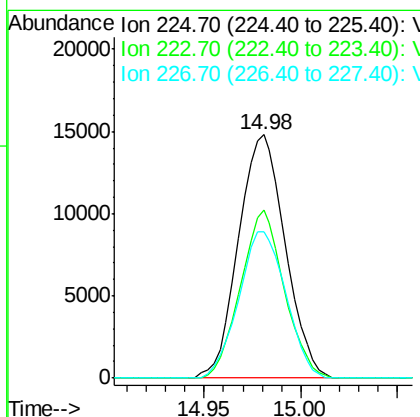
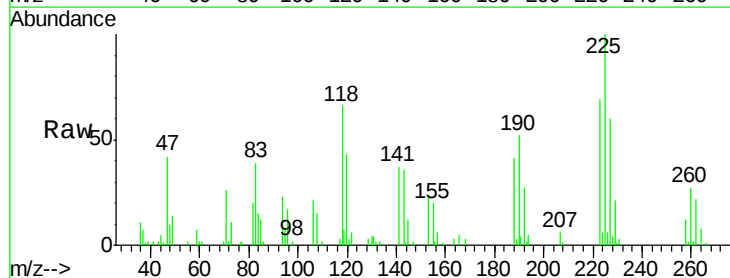
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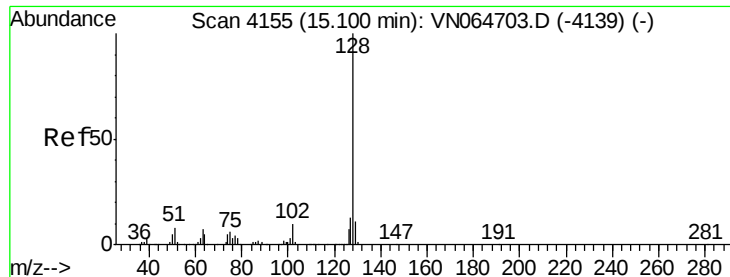
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#94
 Hexachlorobutadiene
 Concen: 18.355 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. 0.00 min
 Lab File: VN064727.D
 Acq: 19 Nov 2020 12:49

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.4	31.2	93.6
227	60.6	32.1	96.3





#95

Naphthalene

Concen: 16.319 ug/l

RT: 15.10 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN064727.D

Acq: 19 Nov 2020 12:49

Instrument :

MSVOA_N

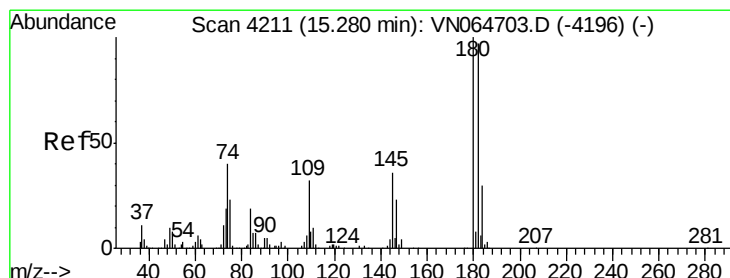
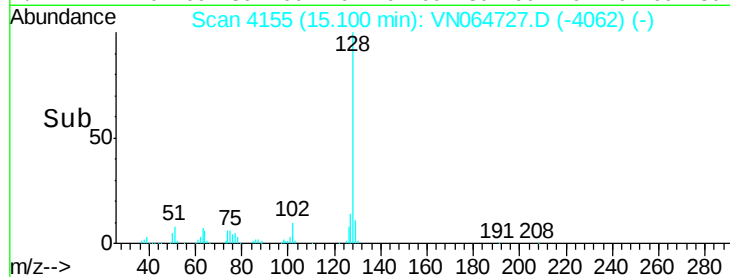
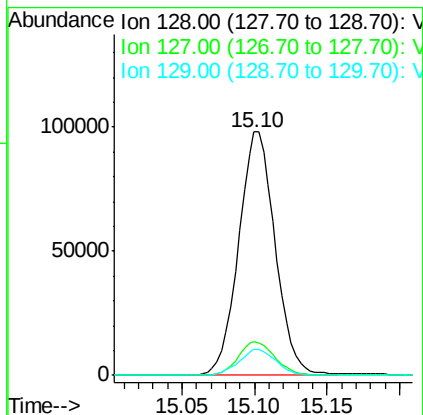
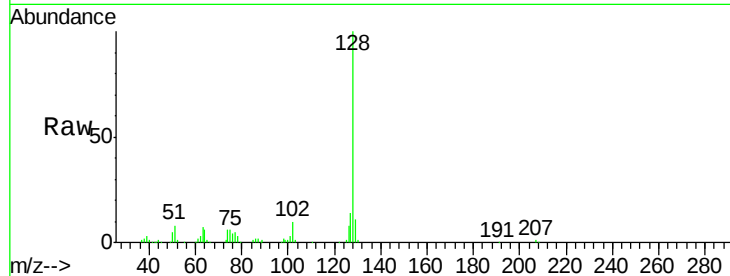
ClientSampleId :

VN1119WBSD01

Tot Ion:	128	Resp:	171829
Ion Ratio	Lower	Upper	
128	100		
127	14.0	10.8	16.2
129	10.8	8.9	13.3

Manual Integrations
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#96

1,2,3-Trichlorobenzene

Concen: 17.447 ug/l

RT: 15.28 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN064727.D

Acq: 19 Nov 2020 12:49

Tgt Ion:	180	Resp:	52818
Ion Ratio	Lower	Upper	
180	100		
182	98.3	47.5	142.5
145	35.9	18.1	54.1

