

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111620\
 Data File : VN064658.D
 Acq On : 16 Nov 2020 13:15
 Operator : JC/MD
 Sample : VN1116WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1116WBSD01

Manual Integrations
 APPROVED

MMDadoda
 11/17/2020 7:02:08 PM

Quant Time: Nov 17 04:29:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 12:09:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	298711	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	524647	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	497555	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	223584	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	258113	49.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.22%	
35) Dibromofluoromethane	7.55	113	182422	51.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.14%	
50) Toluene-d8	10.06	98	654737	47.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.84%	
62) 4-Bromofluorobenzene	12.38	95	239388	45.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.70%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.84	85	68536	17.626	ug/l	99
3) Chloromethane	2.04	50	78356	16.590	ug/l	96
4) Vinyl Chloride	2.17	62	85504	17.629	ug/l	94
5) Bromomethane	2.54	94	56097	18.105	ug/l	94
6) Chloroethane	2.68	64	59782	19.252	ug/l	97
7) Trichlorofluoromethane	2.99	101	145526	20.377	ug/l	100
8) Diethyl Ether	3.38	74	50069	19.852	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.71	101	63772	18.804	ug/l	99
10) Methyl Iodide	3.91	142	71621	18.174	ug/l	99
11) Tert butyl alcohol	4.74	59	54090	94.267	ug/l	94
12) 1,1-Dichloroethene	3.70	96	57195	17.903	ug/l	98
13) Acrolein	3.57	56	19992	56.171	ug/l	98
14) Allyl chloride	4.28	41	104506	16.723	ug/l	98
15) Acrylonitrile	4.94	53	151725	94.976	ug/l	99
16) Acetone	3.78	43	169892	85.720	ug/l	97
17) Carbon Disulfide	4.01	76	158546	16.596	ug/l	95
18) Methyl Acetate	4.28	43	79225	20.333	ug/l	96
19) Methyl tert-butyl Ether	5.00	73	204151	17.756	ug/l	95
20) Methylene Chloride	4.51	84	71553	18.196	ug/l	97
21) trans-1,2-Dichloroethene	4.99	96	62037	17.103	ug/l	95
22) Diisopropyl ether	5.91	45	228215	17.203	ug/l	99
23) Vinyl Acetate	5.85	43	913002	84.602	ug/l	100
24) 1,1-Dichloroethane	5.80	63	131639	18.058	ug/l	99
25) 2-Butanone	6.79	43	222362	88.054	ug/l	98
26) 2,2-Dichloropropane	6.78	77	121238	18.373	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	73567	17.503	ug/l	97
28) Bromochloromethane	7.15	49	61157	17.068	ug/l	98
29) Tetrahydrofuran	7.17	42	136164	87.886	ug/l	97
30) Chloroform	7.33	83	140476	18.333	ug/l	99
31) Cyclohexane	7.61	56	104007	16.444	ug/l #	91
32) 1,1,1-Trichloroethane	7.53	97	128664	18.932	ug/l	99
36) 1,1-Dichloropropene	7.75	75	98788	17.824	ug/l	98
37) Ethyl Acetate	6.88	43	89247	16.386	ug/l	95
38) Carbon Tetrachloride	7.73	117	113313	19.129	ug/l	99

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MMDadoda
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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	83299	16.765	ug/l	94
40) Benzene	8.00	78	286618	17.598	ug/l	98
41) Methacrylonitrile	7.13	41	43414	17.668	ug/l	91
42) 1,2-Dichloroethane	8.09	62	124858	18.997	ug/l	100
43) Isopropyl Acetate	8.13	43	161569	17.988	ug/l	100
44) Trichloroethene	8.80	130	72223	17.576	ug/l	97
45) 1,2-Dichloropropane	9.08	63	76725	17.655	ug/l	96
46) Dibromomethane	9.17	93	56553	19.769	ug/l	96
47) Bromodichloromethane	9.37	83	115188	18.726	ug/l	97
48) Methyl methacrylate	9.17	41	79345	17.506	ug/l	98
49) 1,4-Dioxane	9.16	88	23781	398.353	ug/l	96
51) 4-Methyl-2-Pentanone	9.95	43	498623	95.191	ug/l	100
52) Toluene	10.13	92	178785	17.998	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	118648	18.194	ug/l	96
54) cis-1,3-Dichloropropene	9.81	75	125049	17.935	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	73534	18.981	ug/l	96
56) Ethyl methacrylate	10.40	69	92988	15.893	ug/l	99
57) 1,3-Dichloropropane	10.68	76	125783	18.601	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.67	63	255377	99.025	ug/l	96
59) 2-Hexanone	10.72	43	354422	85.667	ug/l	98
60) Dibromochloromethane	10.87	129	80907	18.653	ug/l	99
61) 1,2-Dibromoethane	10.98	107	74888	19.058	ug/l	99
64) Tetrachloroethene	10.60	164	72143	18.823	ug/l	95
65) Chlorobenzene	11.41	112	190773	17.490	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	73816	18.140	ug/l	95
67) Ethyl Benzene	11.49	91	333286	17.178	ug/l	100
68) m/p-Xylenes	11.60	106	245311	34.864	ug/l	99
69) o-Xylene	11.92	106	116354	17.113	ug/l	98
70) Styrene	11.94	104	195478	17.085	ug/l	99
71) Bromoform	12.10	173	53382	18.301	ug/l #	94
73) Isopropylbenzene	12.22	105	310814	17.490	ug/l	99
74) N-amyl acetate	12.05	43	126575	15.543	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.48	83	101089	18.520	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	98626m	18.206	ug/l	
77) Bromobenzene	12.50	156	76280	17.581	ug/l	99
78) n-propylbenzene	12.57	91	367695	18.148	ug/l	98
79) 2-Chlorotoluene	12.65	91	228664	17.795	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	260115	17.742	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	31380	16.174	ug/l	85
82) 4-Chlorotoluene	12.75	91	237319	17.635	ug/l	100
83) tert-Butylbenzene	12.97	119	206708	18.053	ug/l	98
84) 1,2,4-Trimethylbenzene	13.02	105	263362	17.870	ug/l	100
85) sec-Butylbenzene	13.15	105	271791	18.742	ug/l	100
86) p-Isopropyltoluene	13.26	119	240692	18.453	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	130027	17.337	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	134095	17.301	ug/l	99
89) n-Butylbenzene	13.59	91	202250	18.034	ug/l	99
90) Hexachloroethane	13.85	117	48973	19.463	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	135970	18.847	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	22211	20.438	ug/l	95

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Quant Title : SW846 8260
QLast Update : Wed Nov 04 12:09:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	52759	16.586	ug/l	97
94) Hexachlorobutadiene	14.98	225	30475	20.748	ug/l	99
95) Naphthalene	15.10	128	169440	16.439	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	55993	18.012	ug/l	99

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

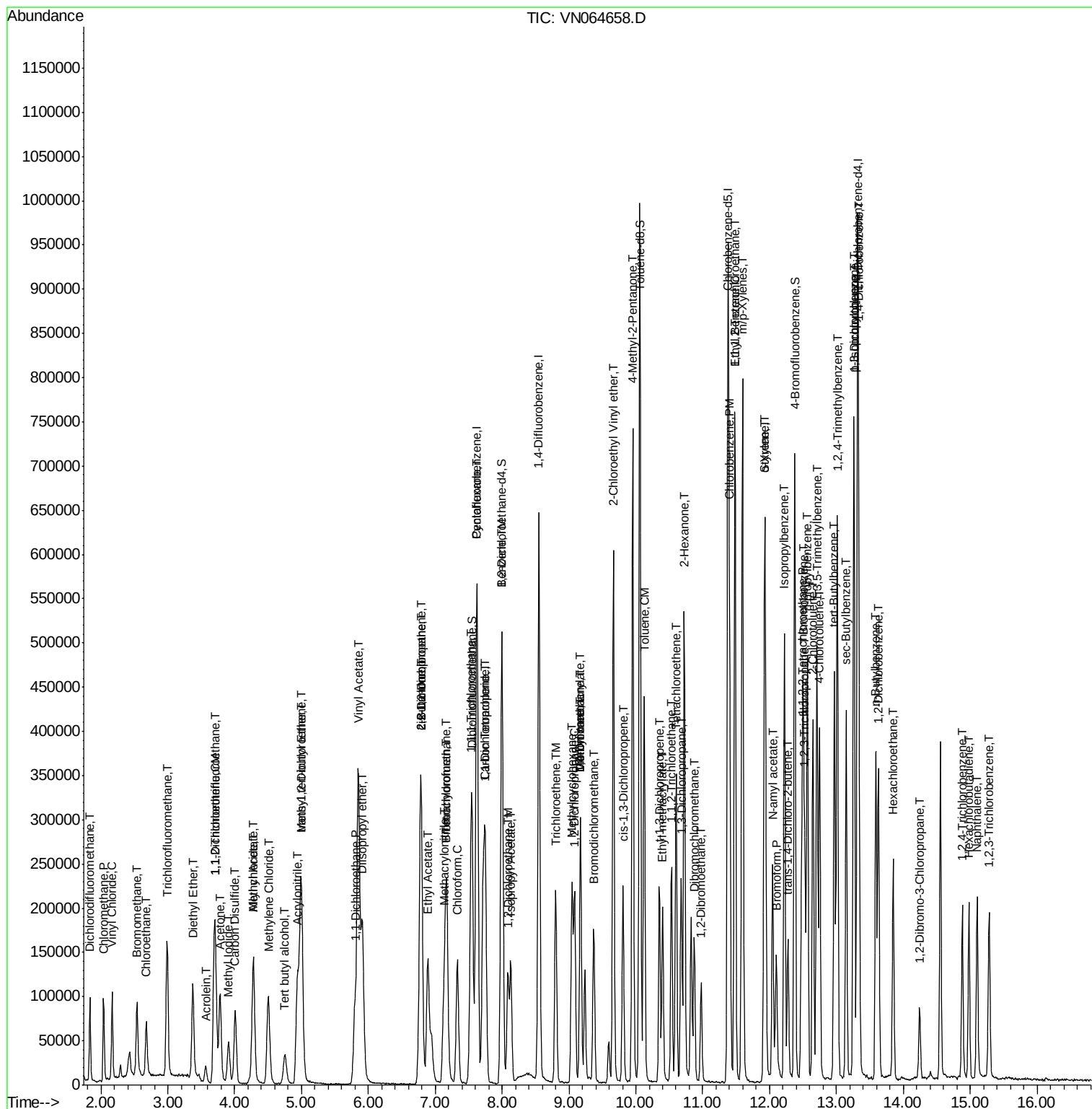
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Data File : VN064658.D
Acq On : 16 Nov 2020 13:15
Operator : JC/MD
Sample : VN1116WBSD01
Misc : 5.00mL/MSVOA N/WATER
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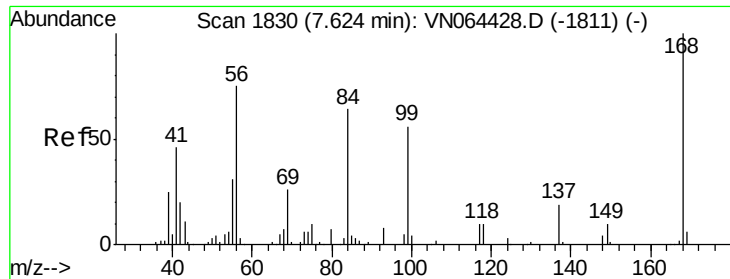
Instrument :
MSVOA_N
ClientSampleId :
VN1116WBSD01

Manual Integrations
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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN064658.D

Acq: 16 Nov 2020 13:15

Instrument :

MSVOA_N

ClientSampleId :

VN1116WBSD01

Tot Ion:168 Resp: 298711

Ion Ratio Lower Upper

168 100

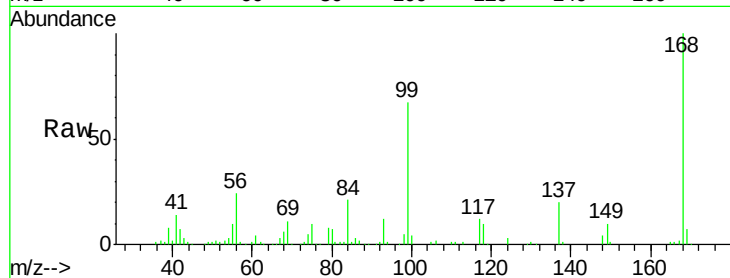
99 66.6 53.4 80.2

Manual Integrations

APPROVED

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

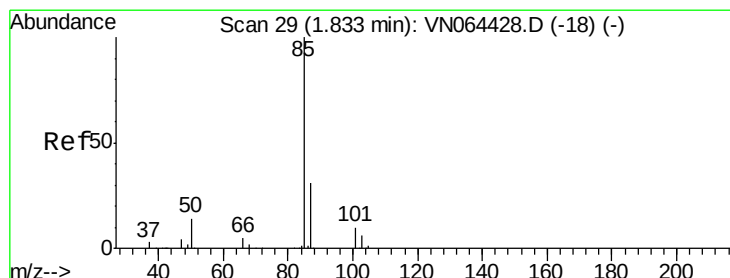
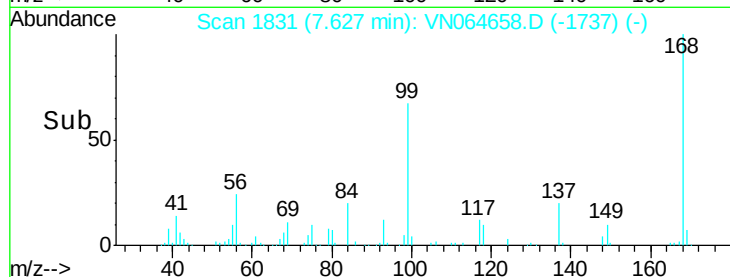
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 17.626 ug/l

RT: 1.84 min Scan# 30

Delta R.T. 0.00 min

Lab File: VN064658.D

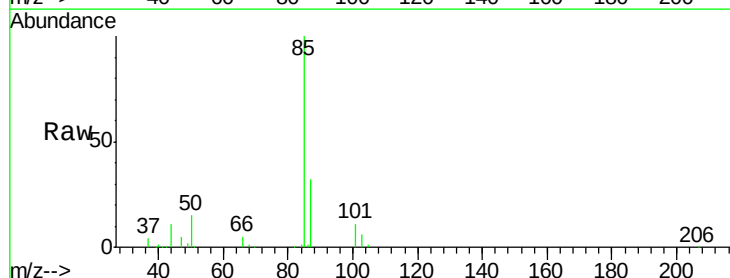
Acq: 16 Nov 2020 13:15

Tgt Ion: 85 Resp: 68536

Ion Ratio Lower Upper

85 100

87 32.1 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.84

60000

50000

40000

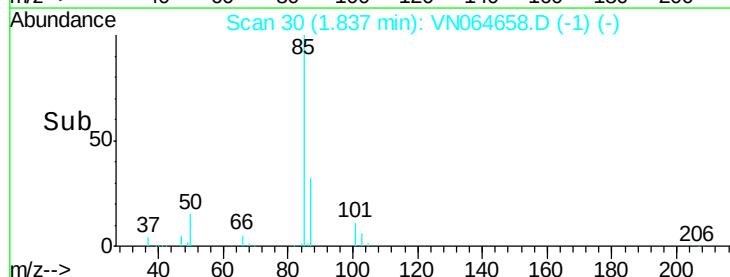
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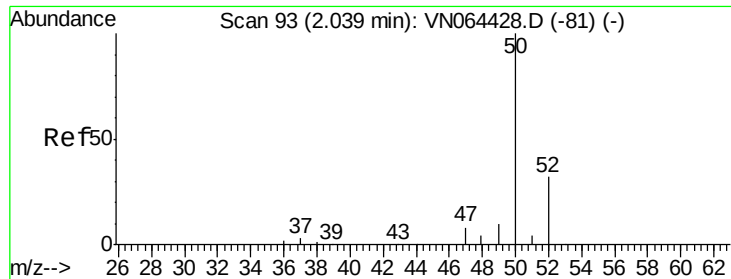
20000

10000

0

Time-->





#3

Chloromethane

Concen: 16.590 ug/l

RT: 2.04 min Scan# 93

Delta R.T. -0.00 min

Lab File: VN064658.D

Acq: 16 Nov 2020 13:15

Instrument :

MSVOA_N

ClientSampleId :

VN1116WBSD01

Tot Ion: 50 Resp: 78356

Ion Ratio Lower Upper

50 100

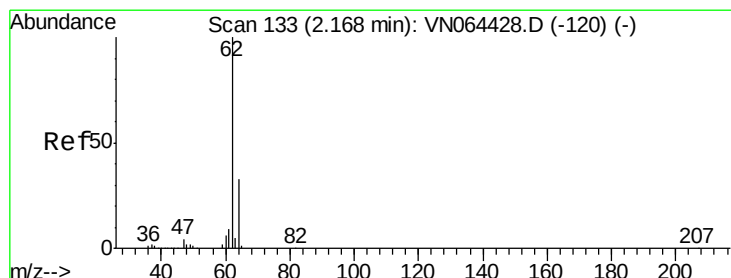
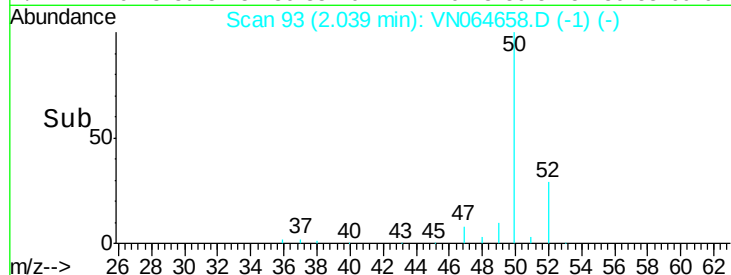
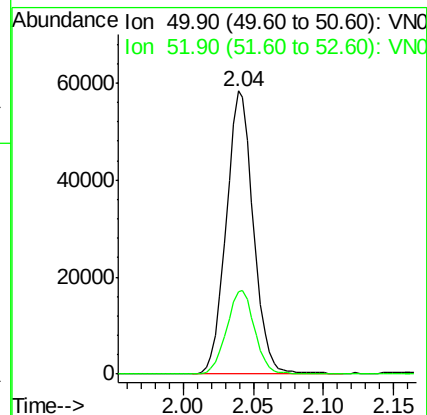
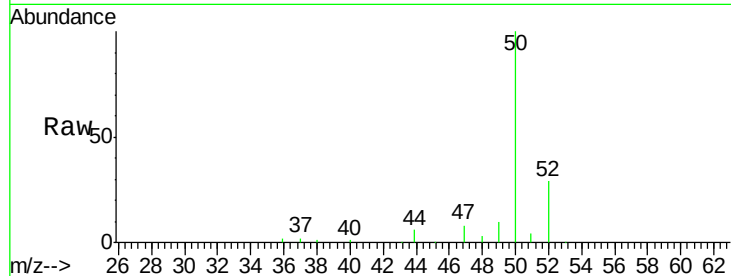
52 29.2 25.3 37.9

Manual Integrations

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#4

Vinyl Chloride

Concen: 17.629 ug/l

RT: 2.17 min Scan# 133

Delta R.T. -0.00 min

Lab File: VN064658.D

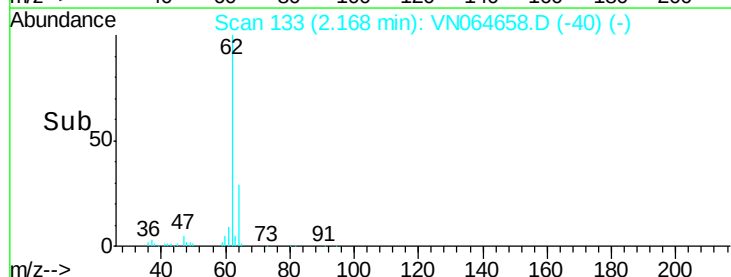
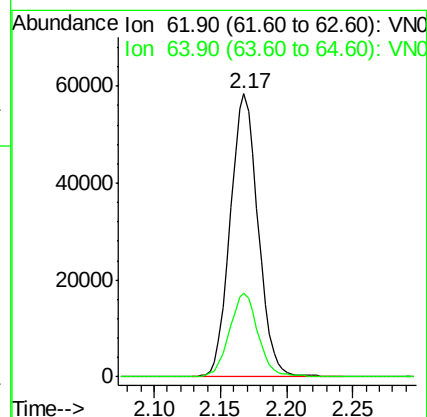
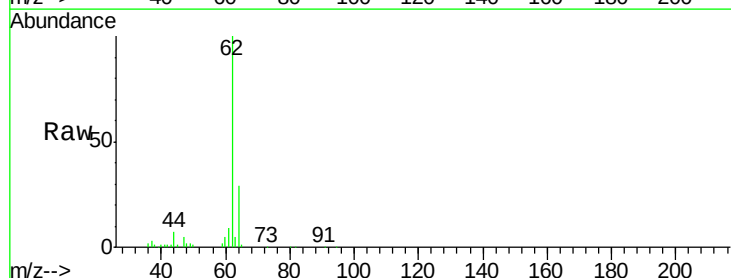
Acq: 16 Nov 2020 13:15

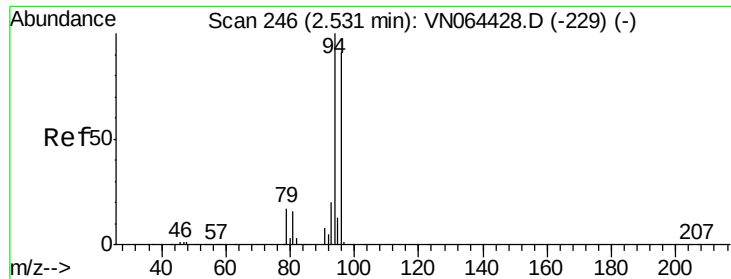
Tgt Ion: 62 Resp: 85504

Ion Ratio Lower Upper

62 100

64 29.4 26.3 39.5





#5

Bromomethane

Concen: 18.105 ug/l

RT: 2.54 min Scan# 249

Delta R.T. 0.01 min

Lab File: VN064658.D

Acq: 16 Nov 2020 13:15

Instrument :

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ClientSampleId :

VN1116WBSD01

Tot Ion: 94 Resp: 56097

Ion Ratio Lower Upper

94 100

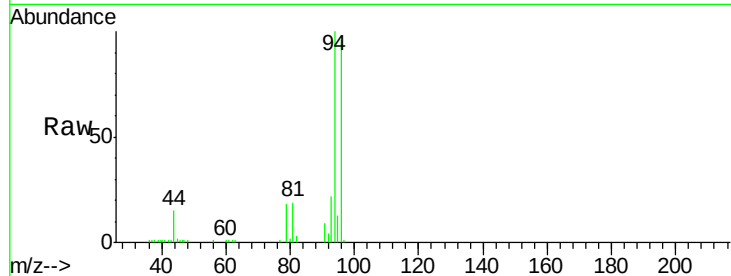
96 97.2 73.1 109.7

Manual Integrations

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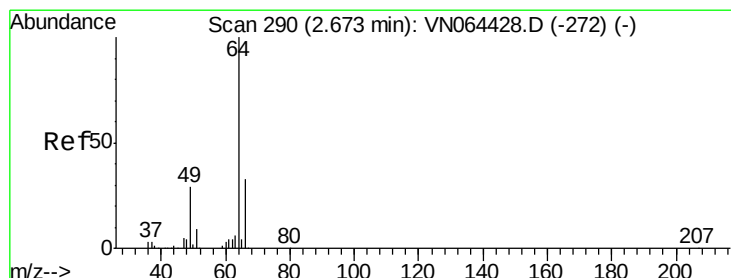
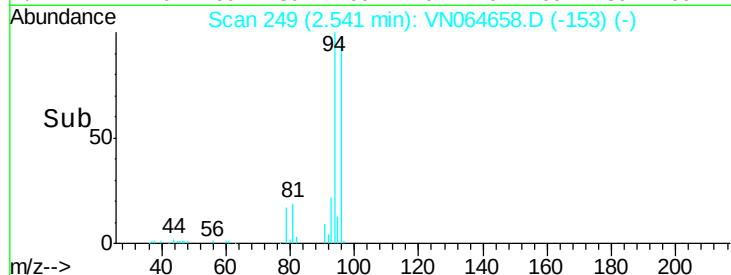
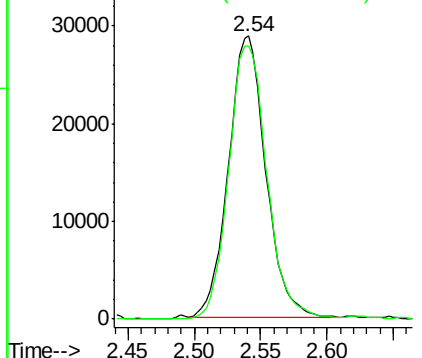
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Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 19.252 ug/l

RT: 2.68 min Scan# 291

Delta R.T. 0.00 min

Lab File: VN064658.D

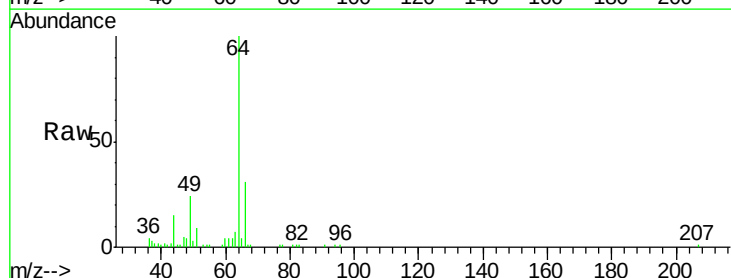
Acq: 16 Nov 2020 13:15

Tgt Ion: 64 Resp: 59782

Ion Ratio Lower Upper

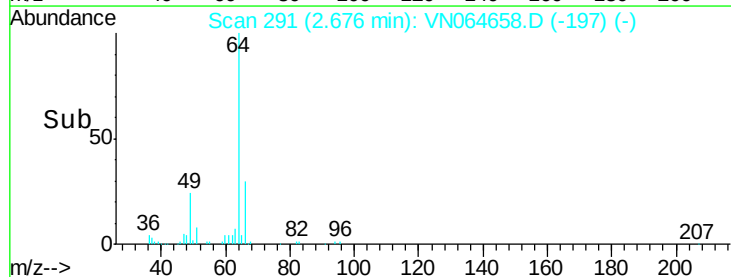
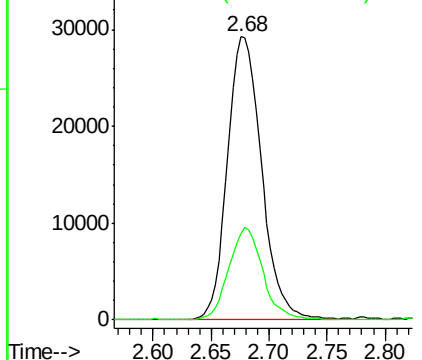
64 100

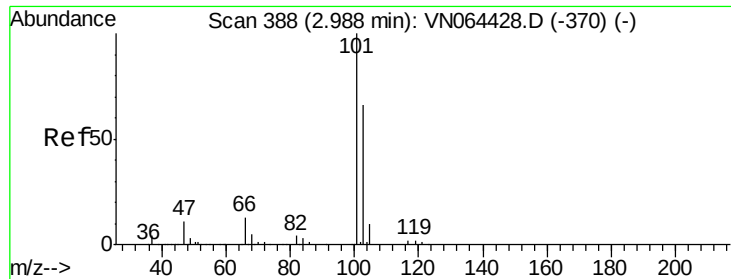
66 30.7 26.1 39.1



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0





#7

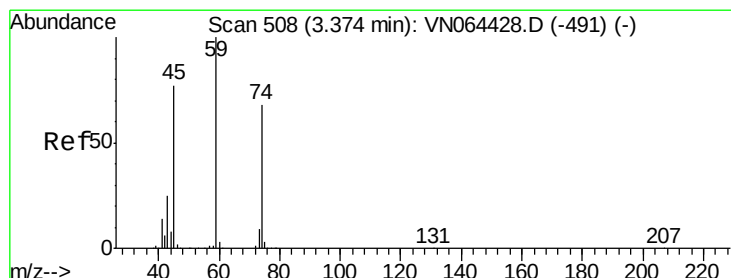
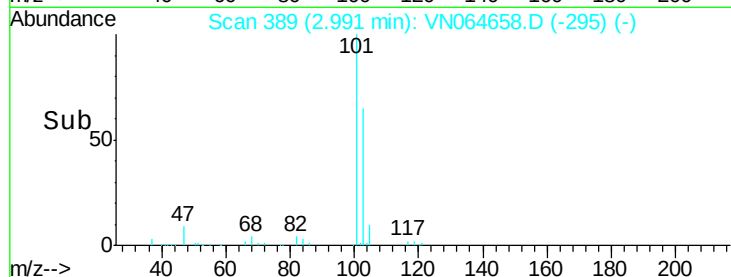
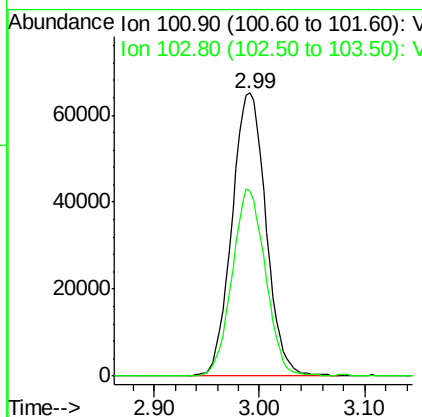
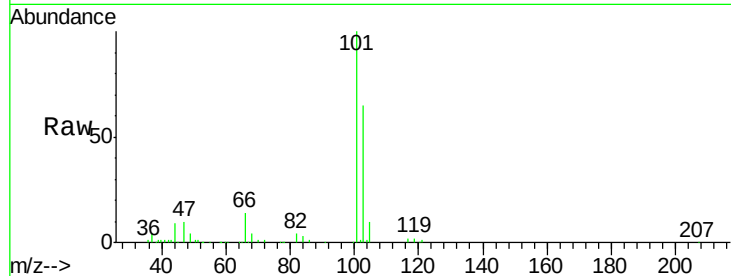
Trichlorofluoromethane
Concen: 20.377 ug/l
RT: 2.99 min Scan# 389
Delta R.T. 0.00 min
Lab File: VN064658.D
Acq: 16 Nov 2020 13:15

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Tot Ion	Ratio	Lower	Upper
101	100		
103	65.5	52.4	78.6

Manual Integrations
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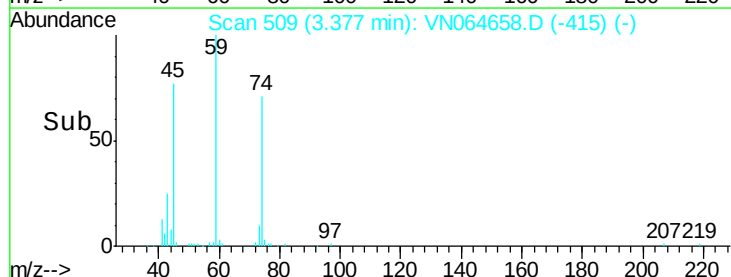
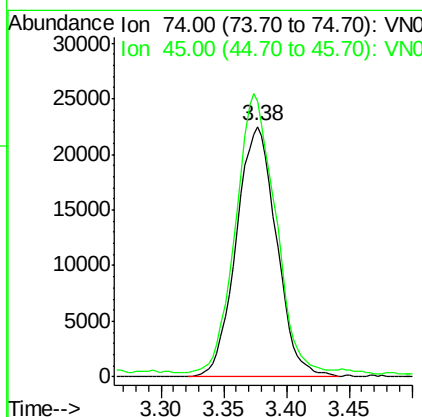
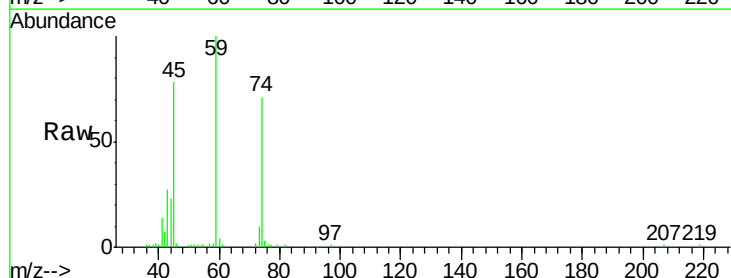
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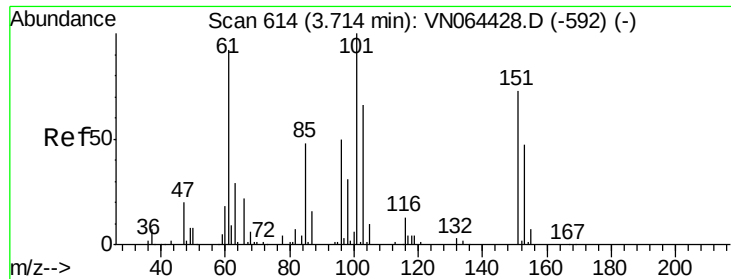


#8

Diethyl Ether
Concen: 19.852 ug/l
RT: 3.38 min Scan# 509
Delta R.T. 0.00 min
Lab File: VN064658.D
Acq: 16 Nov 2020 13:15

Tgt Ion	Ratio	Lower	Upper
74	100		
45	109.4	55.9	167.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.804 ug/l

RT: 3.71 min Scan# 614

Delta R.T. -0.00 min

Lab File: VN064658.D

Acq: 16 Nov 2020 13:15

Instrument :

MSVOA_N

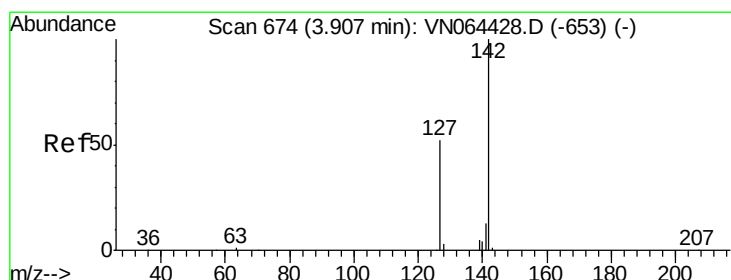
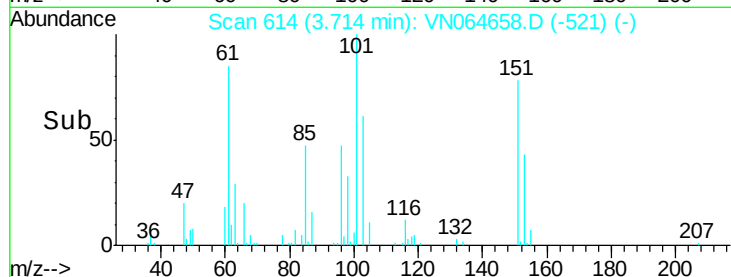
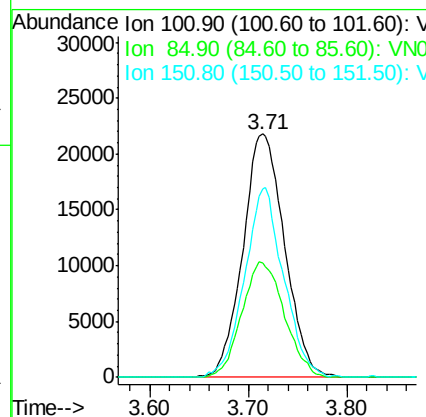
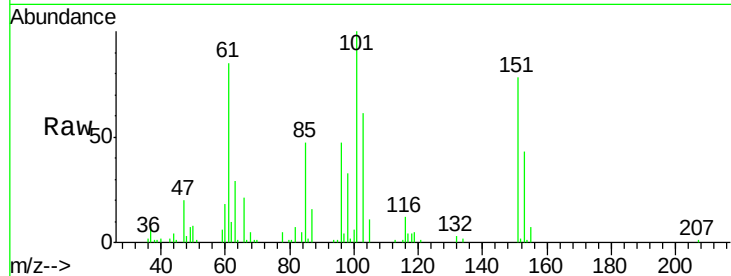
ClientSampleId :

VN1116WBSD01

Tot Ion:	101	Resp:	63772
Ion Ratio	Lower	Upper	
101	100		
85	48.3	38.6	57.8
151	72.9	57.5	86.3

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#10

Methyl Iodide

Concen: 18.174 ug/l

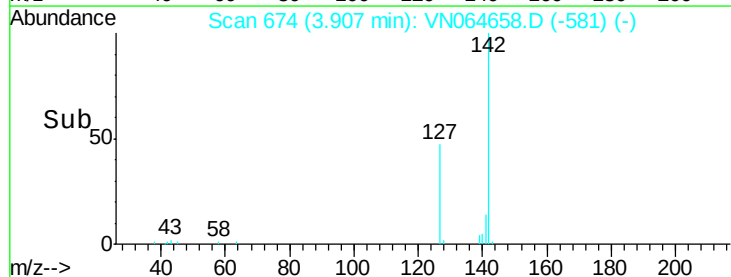
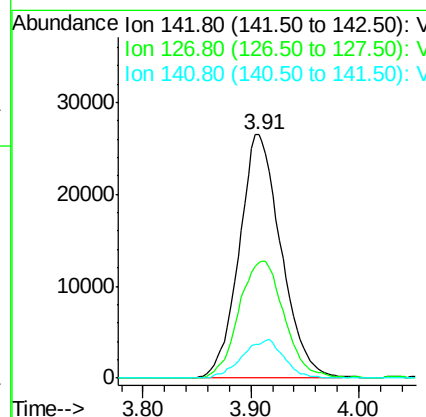
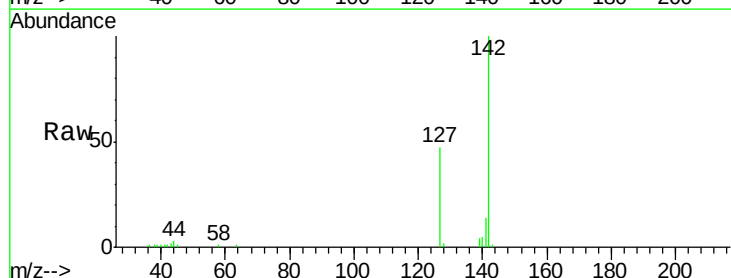
RT: 3.91 min Scan# 674

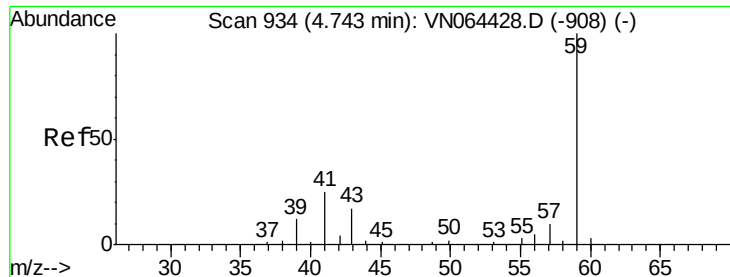
Delta R.T. -0.00 min

Lab File: VN064658.D

Acq: 16 Nov 2020 13:15

Tgt Ion:	142	Resp:	71621
Ion Ratio	Lower	Upper	
142	100		
127	51.8	41.8	62.8
141	15.6	11.4	17.2





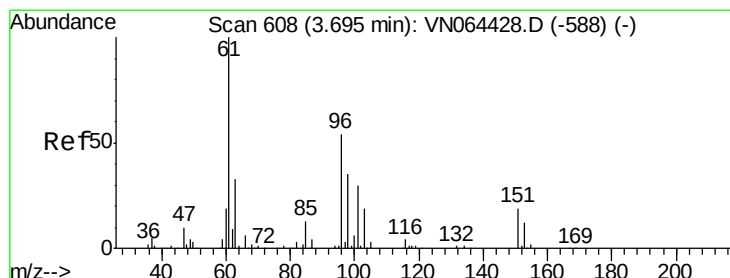
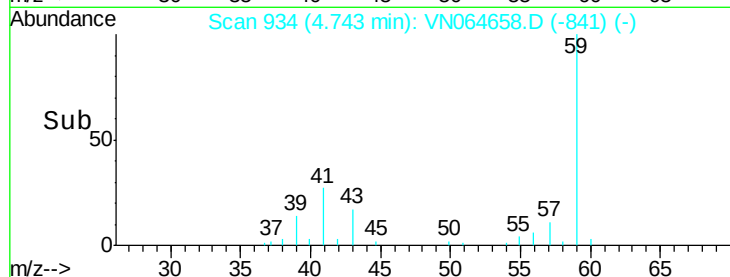
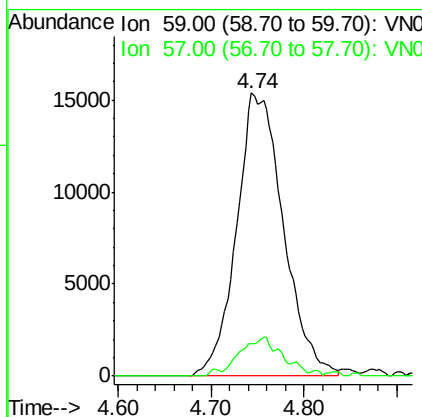
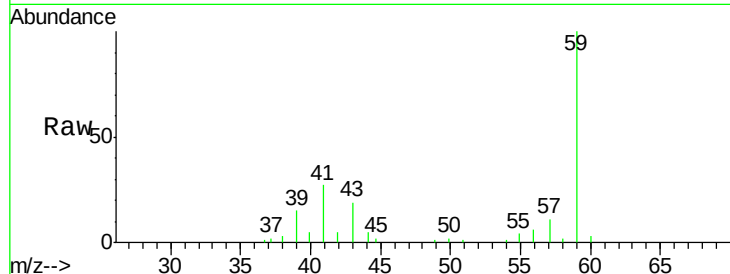
#11
Tert butyl alcohol
Concen: 94.267 ug/l
RT: 4.74 min Scan# 934
Delta R.T. -0.00 min
Lab File: VN064658.D
Acq: 16 Nov 2020 13:15

Instrument :
MSVOA_N
ClientSampleId :
VN1116WBSD01

Tot Ion: 59 Resp: 54090
Ion Ratio Lower Upper
59 100
57 9.0 9.0 13.4

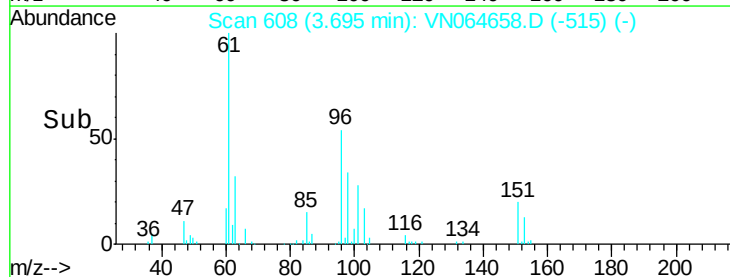
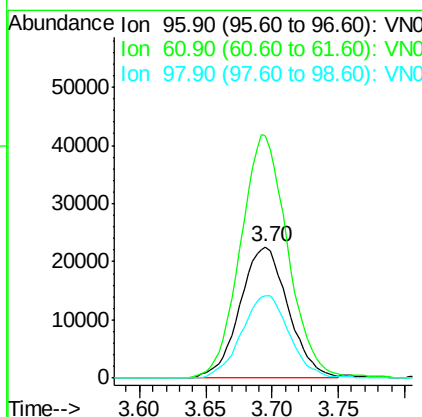
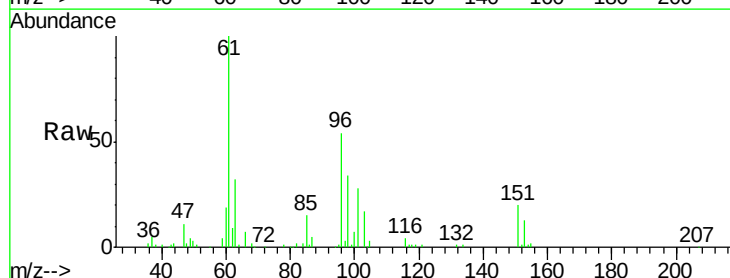
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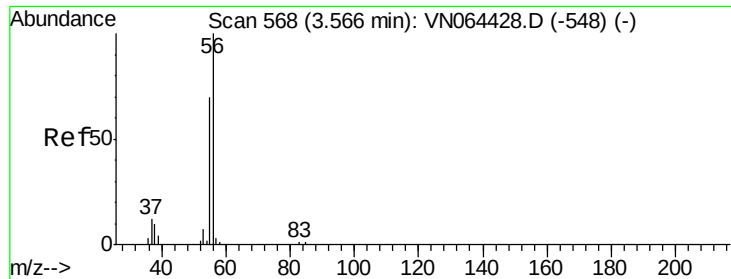
MMDadoda
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#12
1,1-Dichloroethene
Concen: 17.903 ug/l
RT: 3.70 min Scan# 608
Delta R.T. -0.00 min
Lab File: VN064658.D
Acq: 16 Nov 2020 13:15

Tgt Ion: 96 Resp: 57195
Ion Ratio Lower Upper
96 100
61 184.5 149.5 224.3
98 63.1 52.4 78.6





#13

Acrolein

Concen: 56.171 ug/l

RT: 3.57 min Scan# 568

Delta R.T. -0.00 min

Lab File: VN064658.D

Acq: 16 Nov 2020 13:15

Instrument :

MSVOA_N

ClientSampleId :

VN1116WBSD01

Tot Ion: 56 Resp: 19992

Ion Ratio Lower Upper

56 100

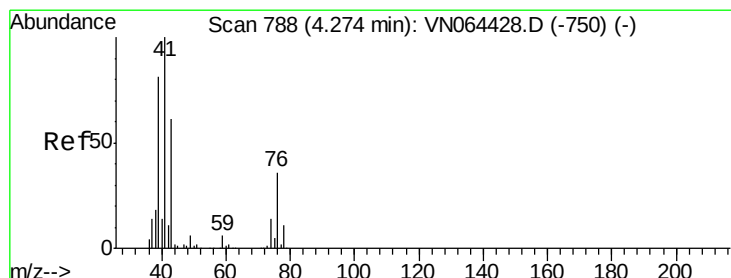
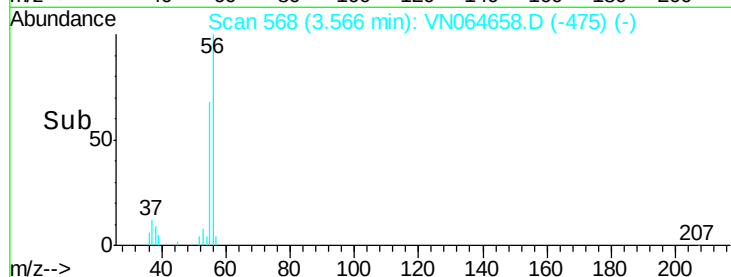
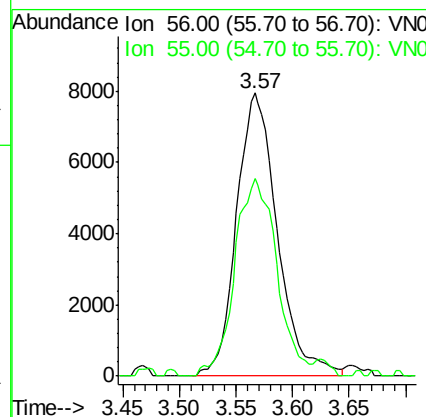
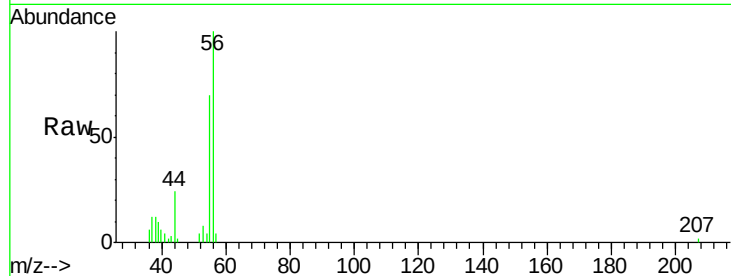
55 71.7 55.9 83.9

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#14

Allyl chloride

Concen: 16.723 ug/l

RT: 4.28 min Scan# 790

Delta R.T. 0.01 min

Lab File: VN064658.D

Acq: 16 Nov 2020 13:15

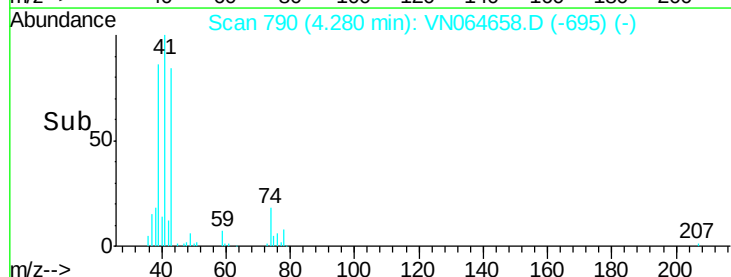
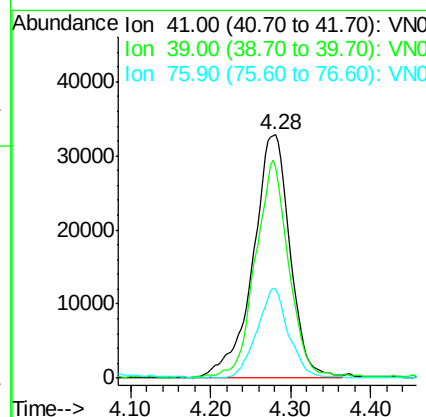
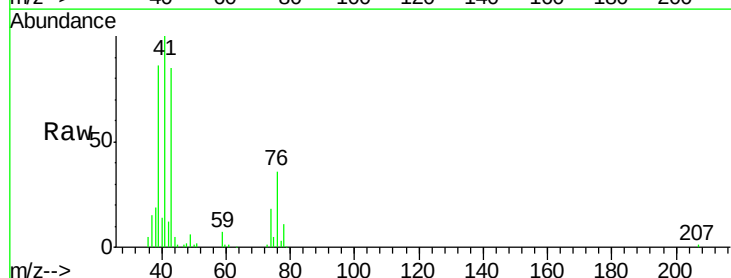
Tgt Ion: 41 Resp: 104506

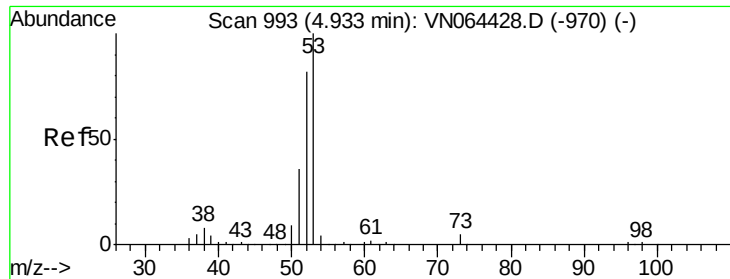
Ion Ratio Lower Upper

41 100

39 80.1 61.8 92.8

76 31.4 25.4 38.0





#15

Acrylonitrile

Concen: 94.976 ug/l

RT: 4.94 min Scan# 994

Delta R.T. 0.00 min

Lab File: VN064658.D

Acq: 16 Nov 2020 13:15

Instrument :

MSVOA_N

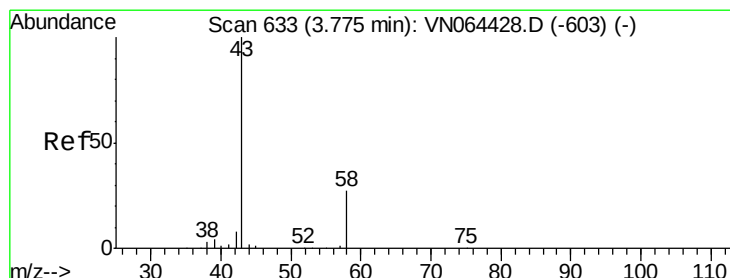
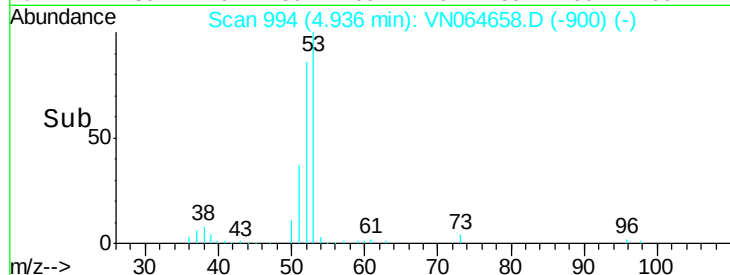
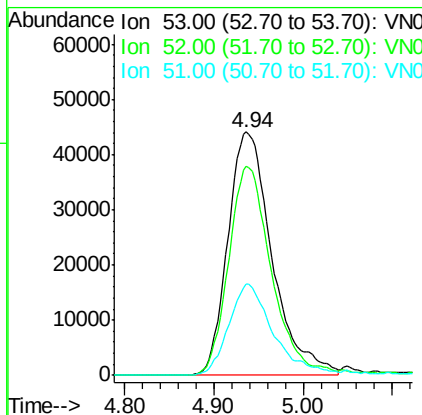
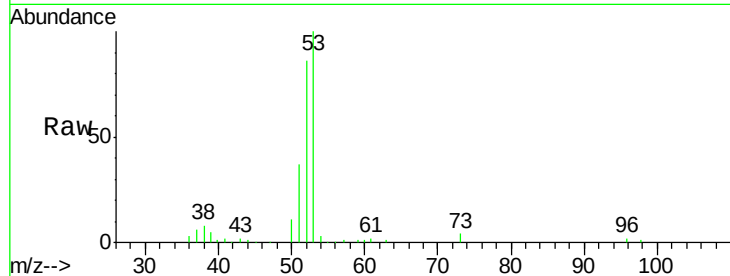
ClientSampleId :

VN1116WBSD01

Tot Ion:	53	Resp:	151725
Ion	Ratio	Lower	Upper
53	100		
52	83.1	65.6	98.4
51	37.7	29.9	44.9

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#16

Acetone

Concen: 85.720 ug/l

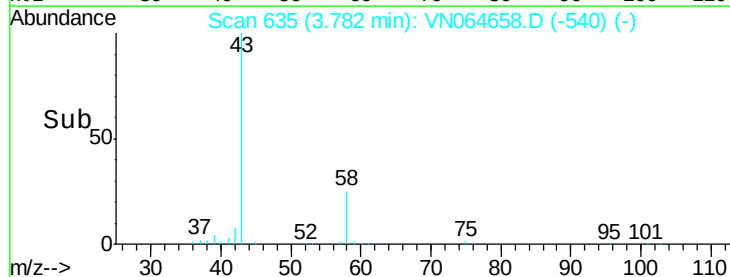
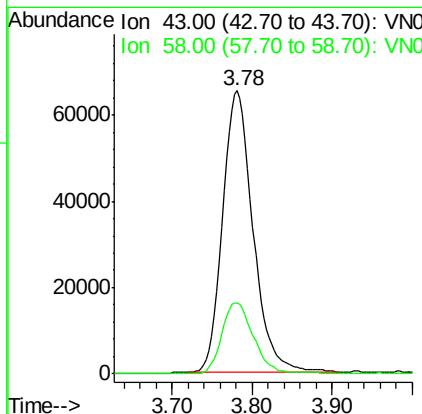
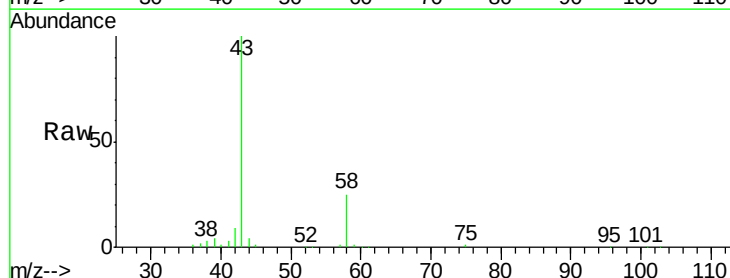
RT: 3.78 min Scan# 635

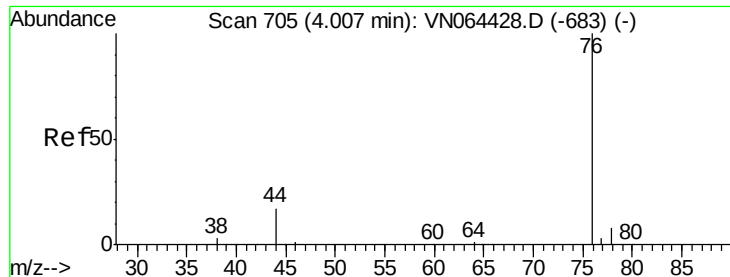
Delta R.T. 0.01 min

Lab File: VN064658.D

Acq: 16 Nov 2020 13:15

Tgt Ion:	43	Resp:	169892
Ion	Ratio	Lower	Upper
43	100		
58	25.2	21.4	32.0





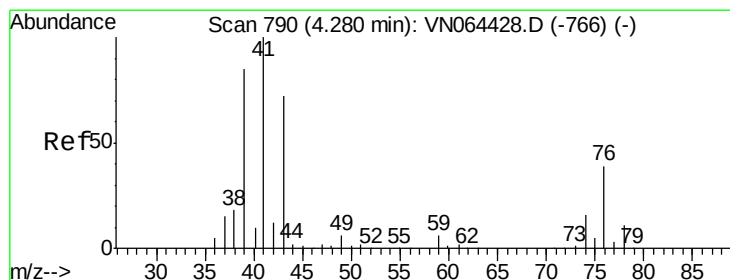
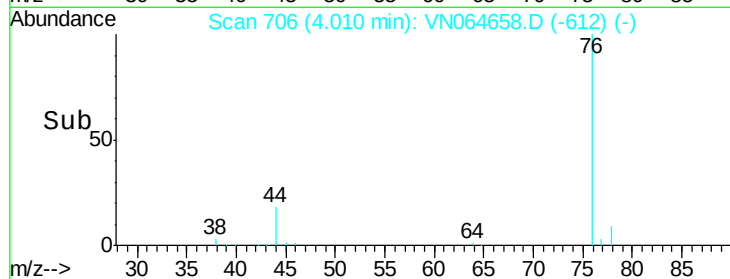
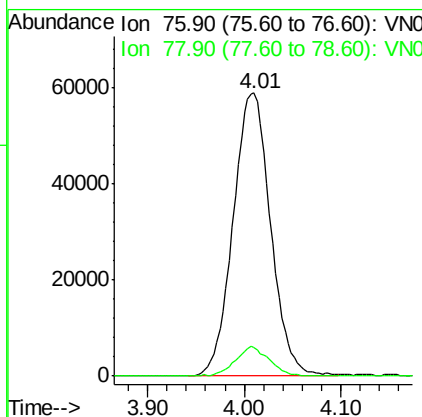
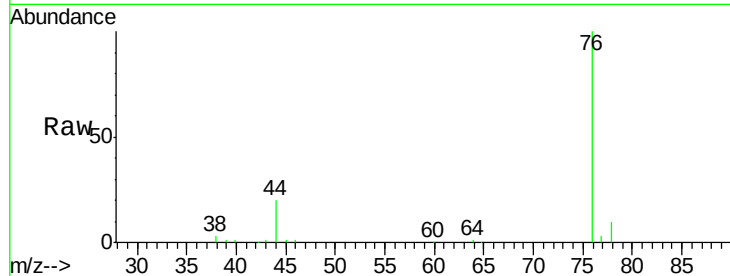
#17
Carbon Disulfide
Concen: 16.596 ug/l
RT: 4.01 min Scan# 706
Delta R.T. 0.00 min
Lab File: VN064658.D
Acq: 16 Nov 2020 13:15

Instrument :
MSVOA_N
ClientSampleId :
VN1116WBSD01

Tot Ion: 76 Resp: 158546
Ion Ratio Lower Upper
76 100
78 10.2 6.8 10.2

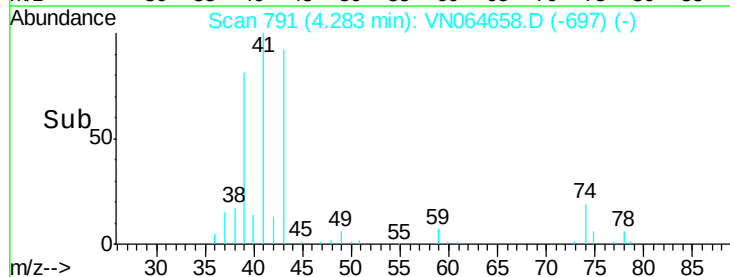
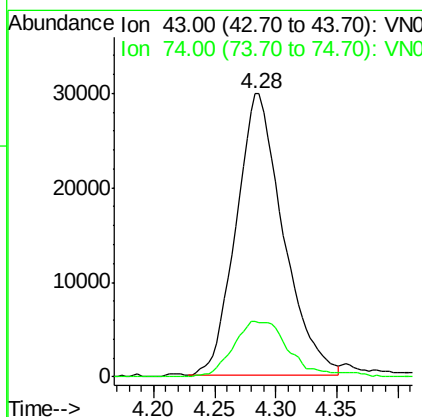
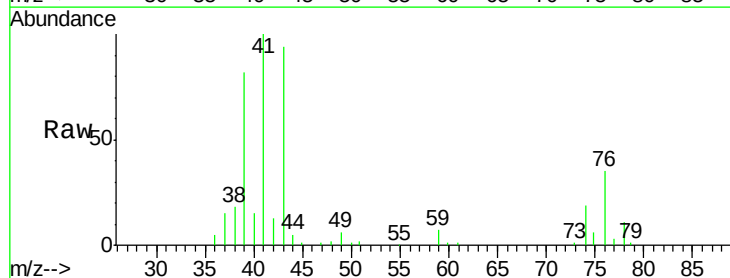
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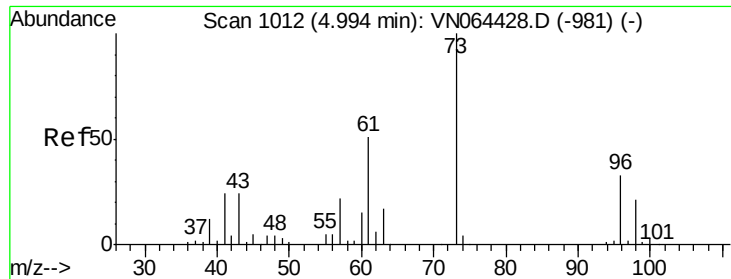
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#18
Methyl Acetate
Concen: 20.333 ug/l
RT: 4.28 min Scan# 791
Delta R.T. 0.00 min
Lab File: VN064658.D
Acq: 16 Nov 2020 13:15

Tgt Ion: 43 Resp: 79225
Ion Ratio Lower Upper
43 100
74 22.9 17.0 25.4





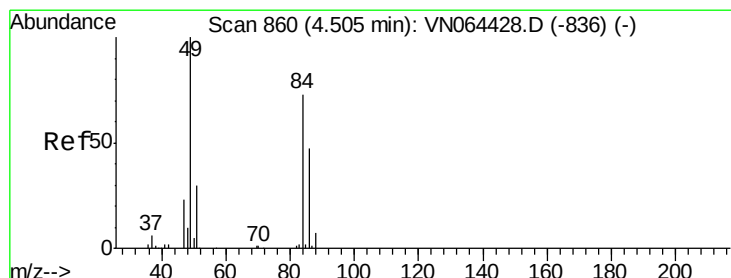
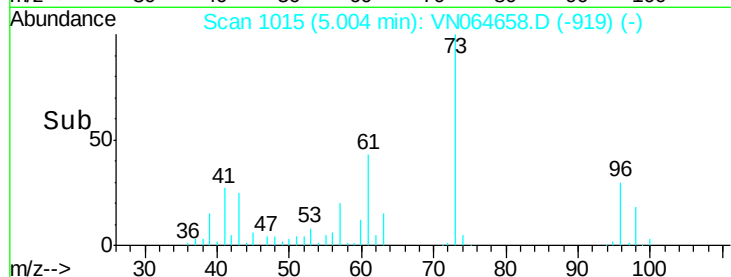
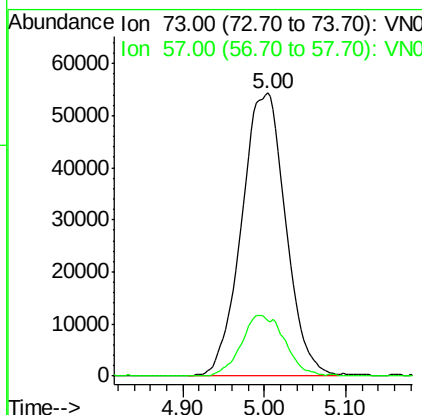
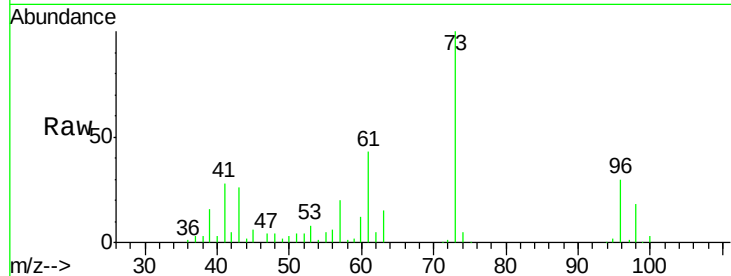
#19
Methyl tert-butyl Ether
Concen: 17.756 ug/l
RT: 5.00 min Scan# 1015
Delta R.T. 0.01 min
Lab File: VN064658.D
Acq: 16 Nov 2020 13:15

Instrument :
MSVOA_N
ClientSampleId :
VN1116WBSD01

Tot Ion: 73 Resp: 204151
Ion Ratio Lower Upper
73 100
57 19.5 17.7 26.5

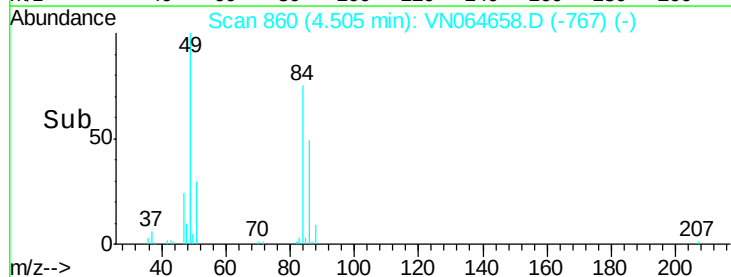
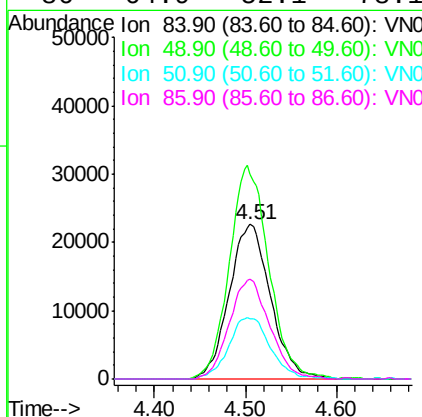
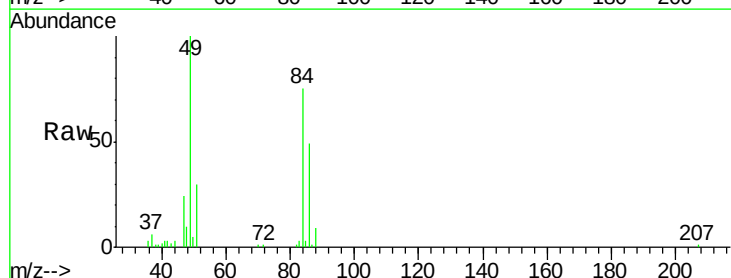
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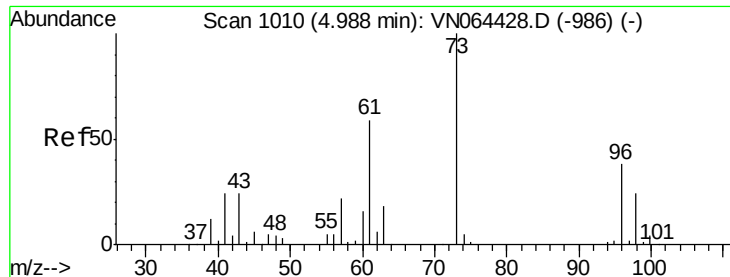
MMDadoda
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#20
Methylene Chloride
Concen: 18.196 ug/l
RT: 4.51 min Scan# 860
Delta R.T. -0.00 min
Lab File: VN064658.D
Acq: 16 Nov 2020 13:15

Tgt Ion: 84 Resp: 71553
Ion Ratio Lower Upper
84 100
49 132.5 110.1 165.1
51 39.3 33.6 50.4
86 64.9 52.1 78.1





#21

trans-1,2-Dichloroethene

Concen: 17.103 ug/l

RT: 4.99 min Scan# 1010

Delta R.T. -0.00 min

Lab File: VN064658.D

Acq: 16 Nov 2020 13:15

Instrument :

MSVOA_N

ClientSampleId :

VN1116WBSD01

Tot Ion: 96 Resp: 62037

Ion Ratio Lower Upper

96 100

61 158.9 122.4 183.6

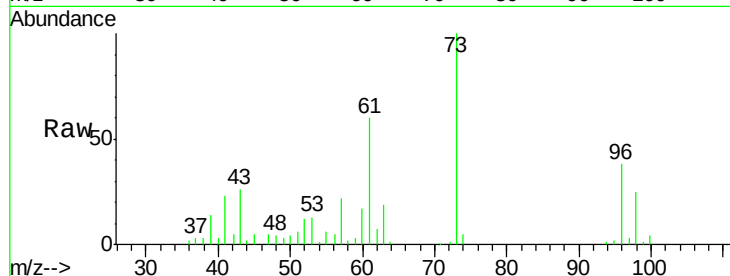
98 66.5 50.4 75.6

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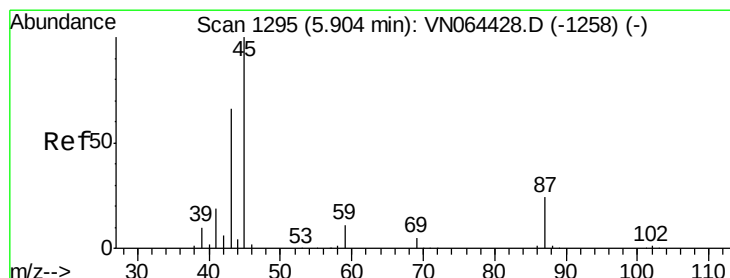
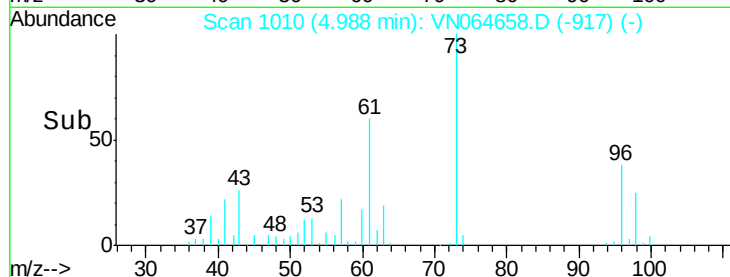
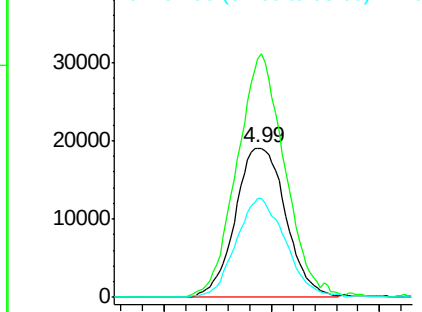


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 17.203 ug/l

RT: 5.91 min Scan# 1297

Delta R.T. 0.01 min

Lab File: VN064658.D

Acq: 16 Nov 2020 13:15

Tgt Ion: 45 Resp: 228215

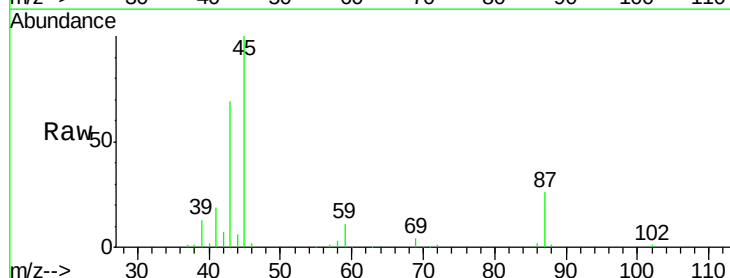
Ion Ratio Lower Upper

45 100

43 66.5 53.2 79.8

87 26.2 19.9 29.9

59 10.5 8.6 13.0



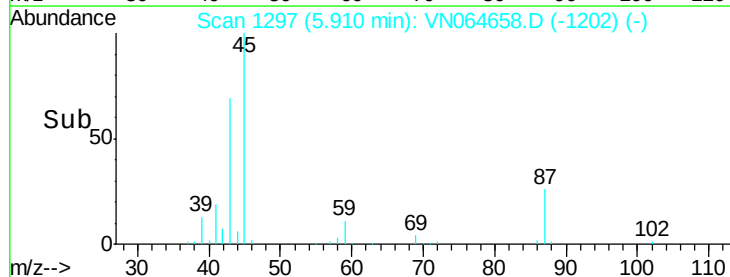
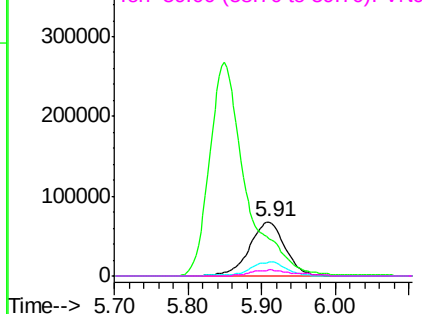
Abundance

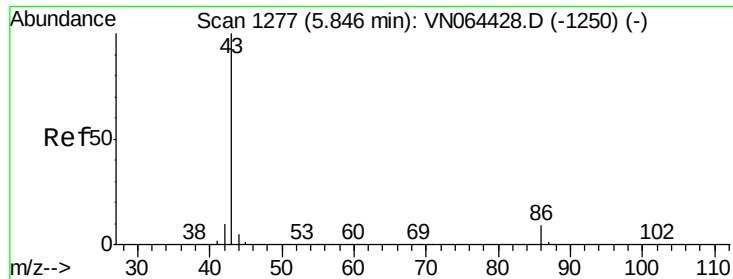
Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 84.602 ug/l

RT: 5.85 min Scan# 1278

Delta R.T. 0.00 min

Lab File: VN064658.D

Acq: 16 Nov 2020 13:15

Instrument :

MSVOA_N

ClientSampleId :

VN1116WBSD01

Tot Ion: 43 Resp: 913002

Ion Ratio Lower Upper

43 100

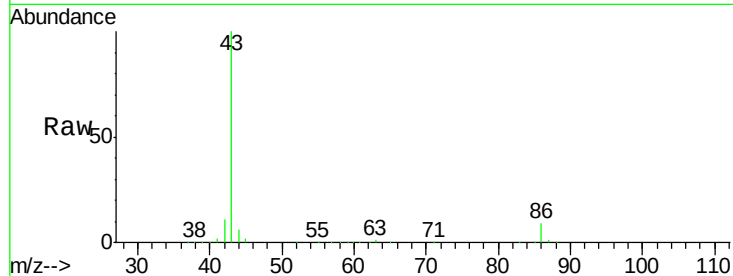
86 8.7 6.8 10.2

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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0

5.85

300000

250000

200000

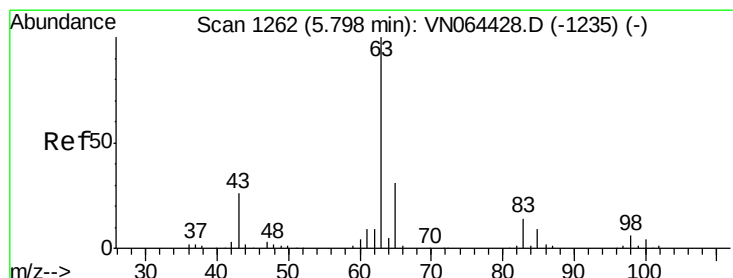
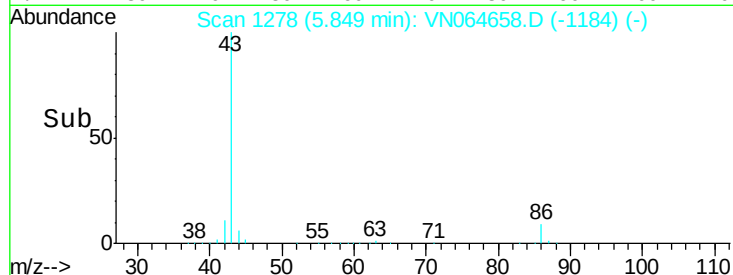
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 18.058 ug/l

RT: 5.80 min Scan# 1263

Delta R.T. 0.00 min

Lab File: VN064658.D

Acq: 16 Nov 2020 13:15

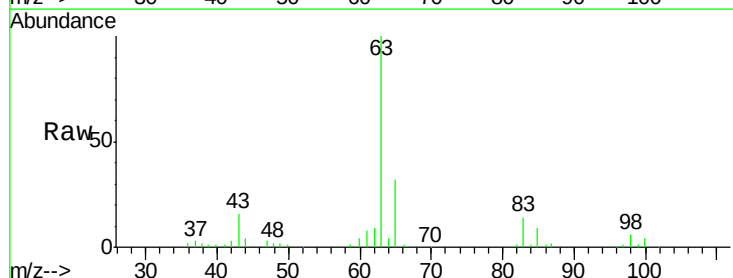
Tgt Ion: 63 Resp: 131639

Ion Ratio Lower Upper

63 100

98 5.8 3.0 9.2

100 3.9 1.8 5.3



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

5.80

50000

40000

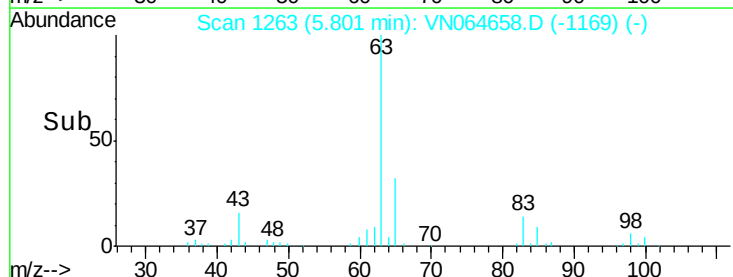
30000

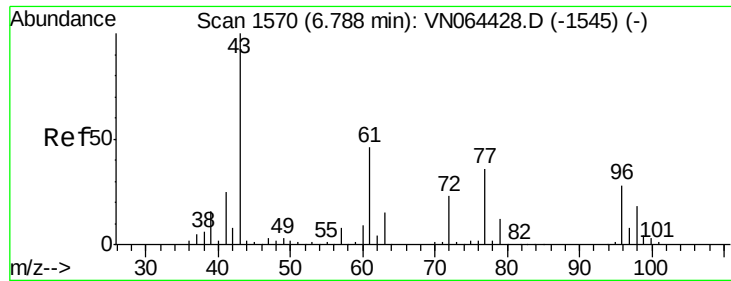
20000

10000

0

Time-->





#25

2-Butanone

Concen: 88.054 ug/l

RT: 6.79 min Scan# 1572

Delta R.T. 0.01 min

Lab File: VN064658.D

Acq: 16 Nov 2020 13:15

Instrument :

MSVOA_N

ClientSampleId :

VN1116WBSD01

Tot Ion: 43 Resp: 222362

Ion Ratio Lower Upper

43 100

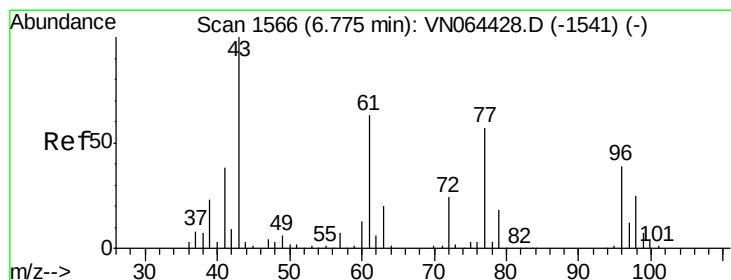
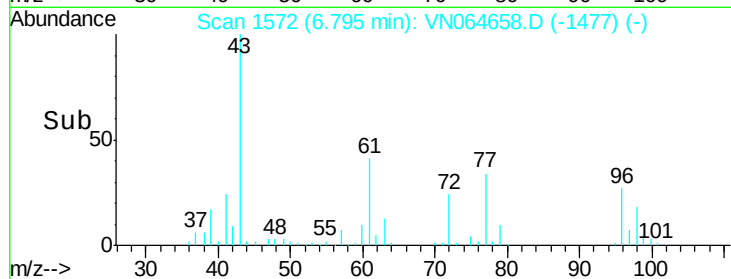
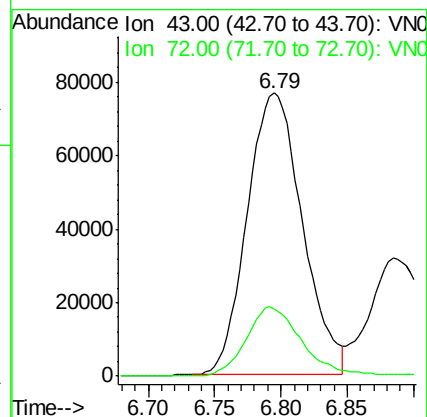
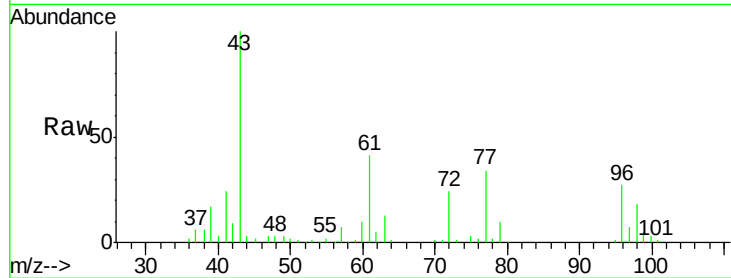
72 23.9 18.5 27.7

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 18.373 ug/l

RT: 6.78 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VN064658.D

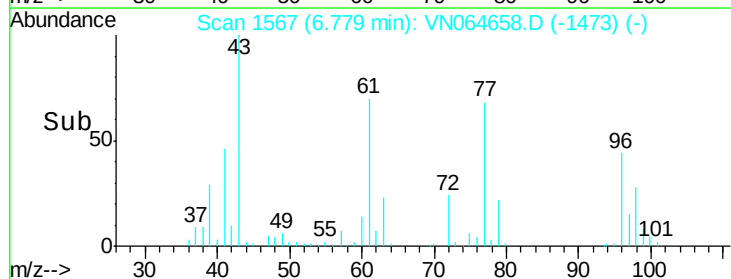
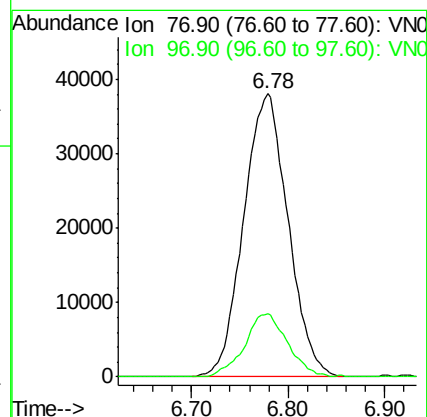
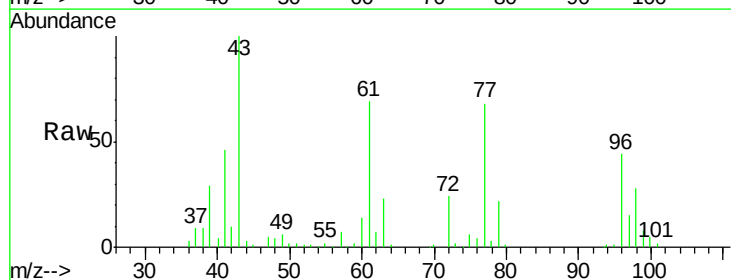
Acq: 16 Nov 2020 13:15

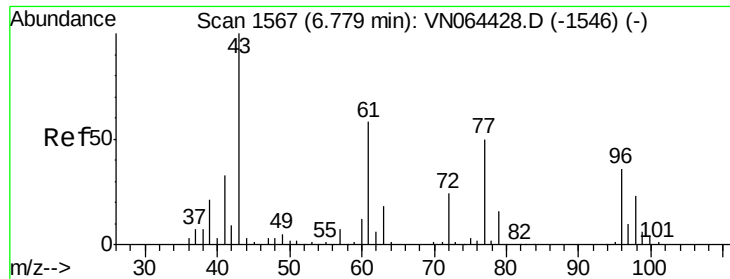
Tgt Ion: 77 Resp: 121238

Ion Ratio Lower Upper

77 100

97 21.5 10.2 30.6





#27

cis-1,2-Dichloroethene

Concen: 17.503 ug/l

RT: 6.78 min Scan# 1569

Delta R.T. 0.01 min

Lab File: VN064658.D

Acq: 16 Nov 2020 13:15

Instrument :

MSVOA_N

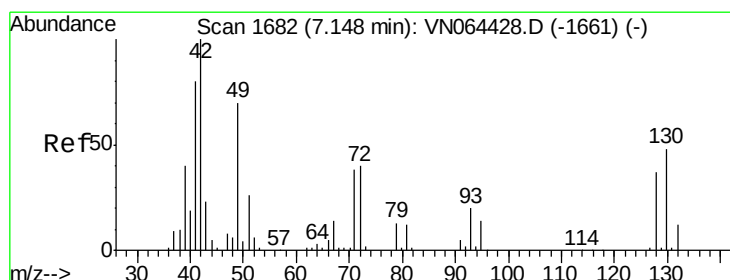
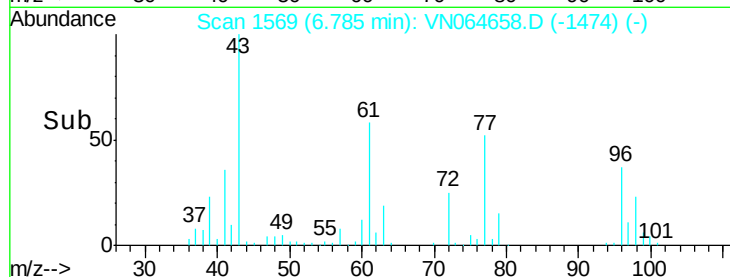
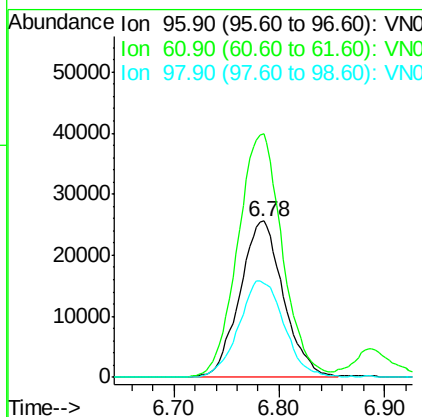
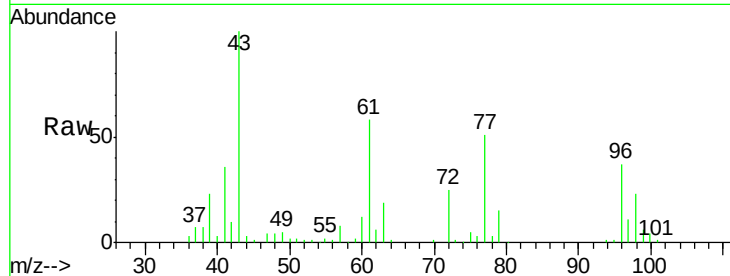
ClientSampleId :

VN1116WBSD01

Tot Ion:	96	Resp:	73567
Ion	Ratio	Lower	Upper
96	100		
61	159.5	0.0	329.6
98	64.1	0.0	131.2

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#28

Bromochloromethane

Concen: 17.068 ug/l

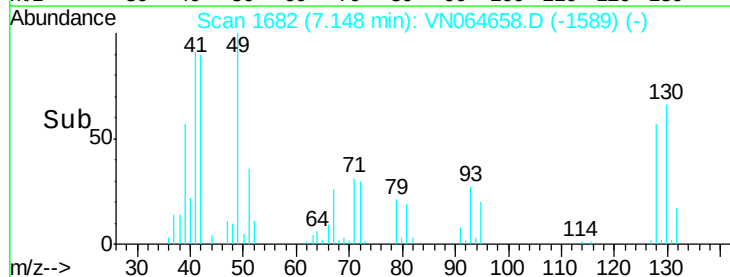
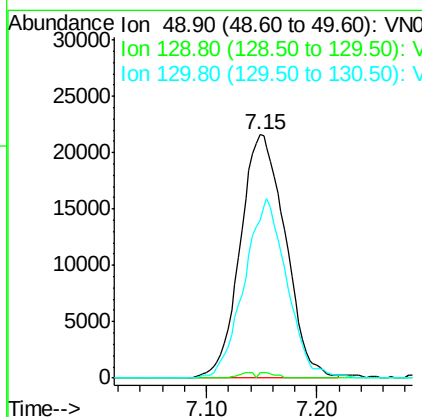
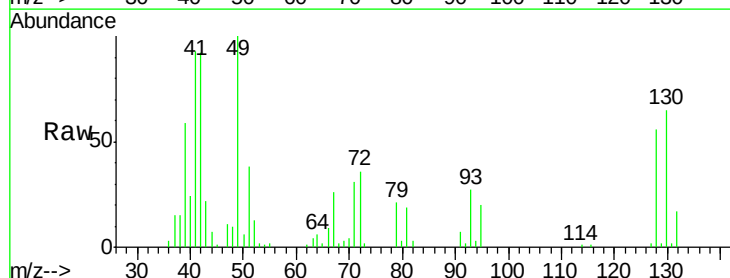
RT: 7.15 min Scan# 1682

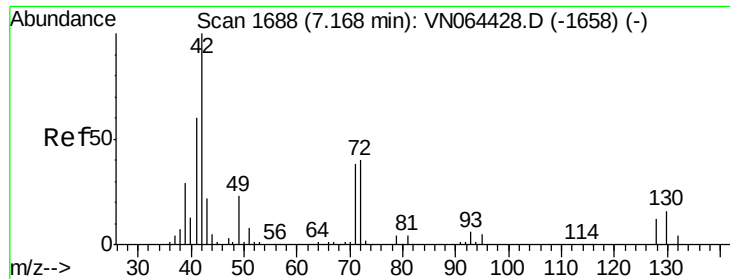
Delta R.T. -0.00 min

Lab File: VN064658.D

Acq: 16 Nov 2020 13:15

Tgt Ion:	49	Resp:	61157
Ion	Ratio	Lower	Upper
49	100		
129	0.8	0.0	3.6
130	69.5	54.2	81.4





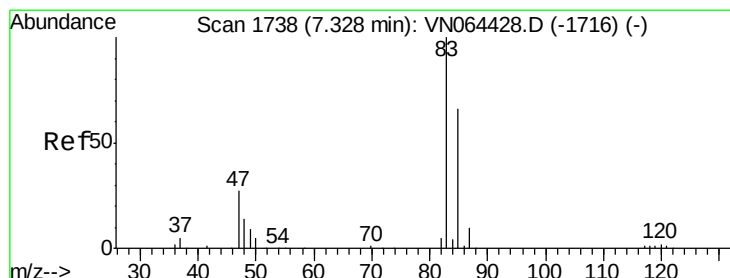
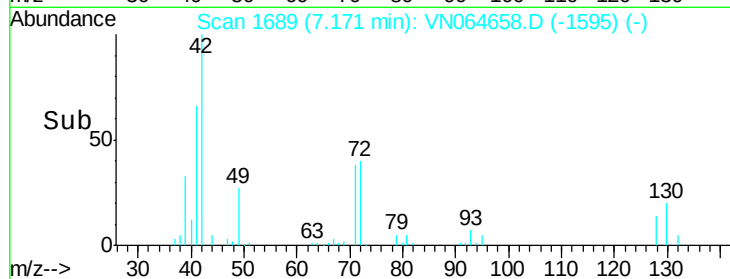
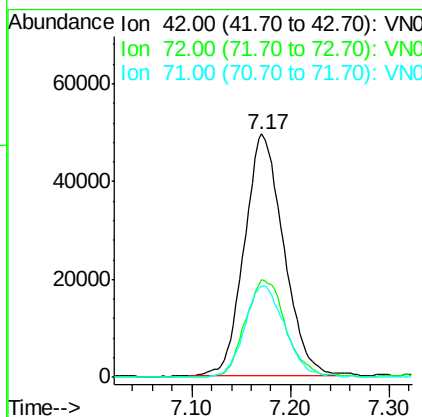
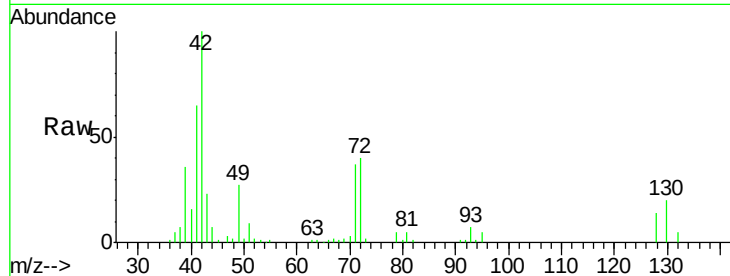
#29
Tetrahydrofuran
Concen: 87.886 ug/l
RT: 7.17 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VN064658.D
Acq: 16 Nov 2020 13:15

Instrument :
MSVOA_N
ClientSampleId :
VN1116WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.5	31.7	47.5
71	38.7	29.8	44.6

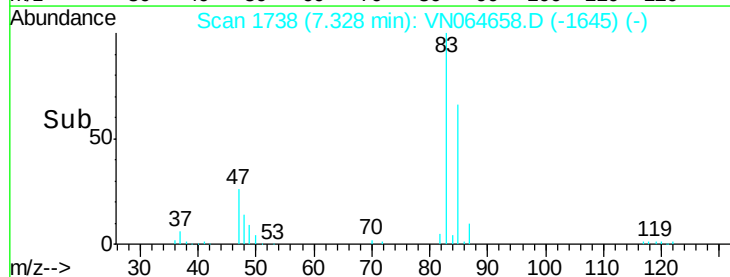
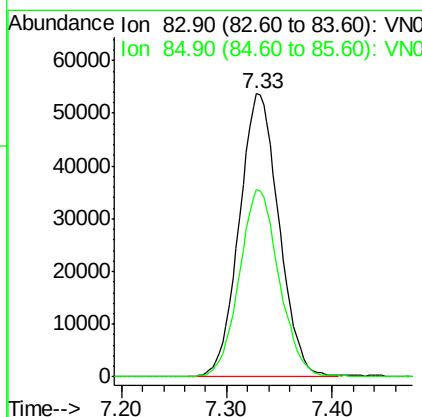
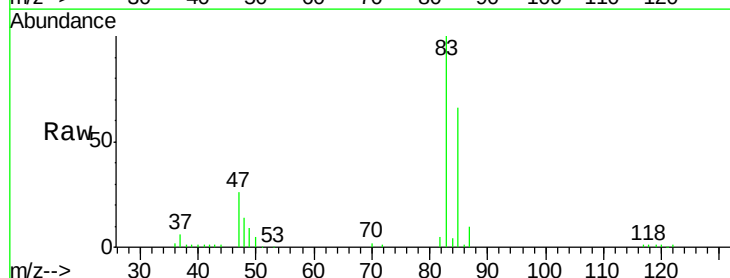
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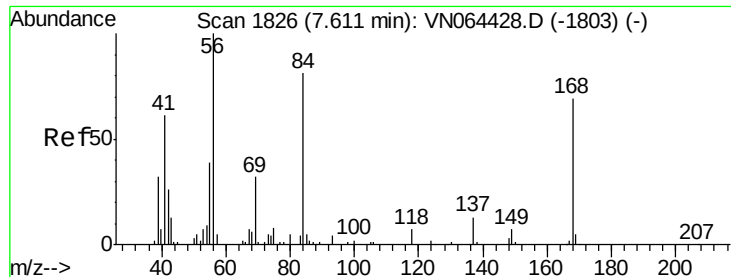
MMDadoda
11/17/2020 7:02:08 PM



#30
Chloroform
Concen: 18.333 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. -0.00 min
Lab File: VN064658.D
Acq: 16 Nov 2020 13:15

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.1	52.5	78.7





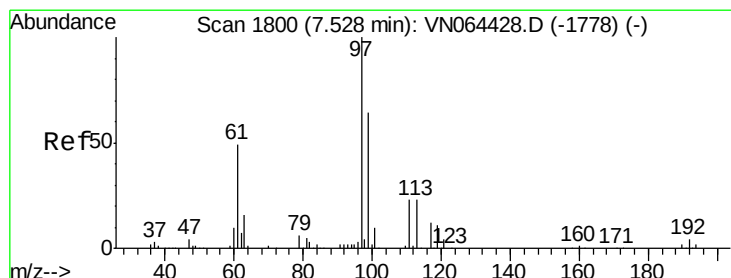
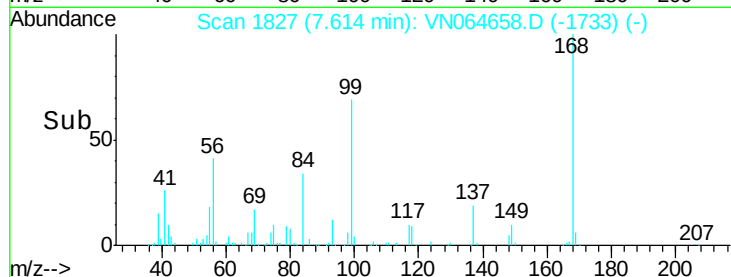
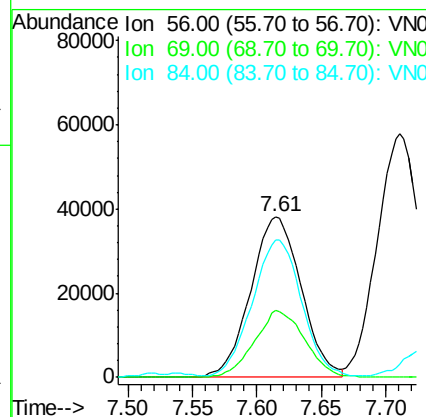
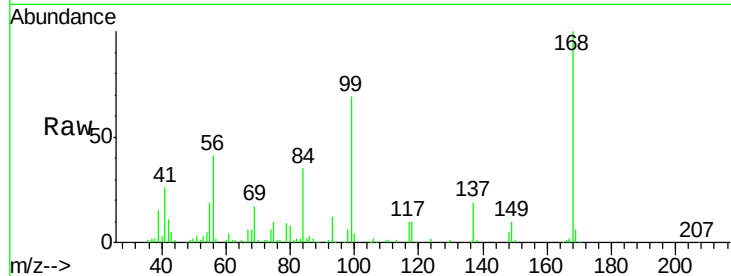
#31
Cyclohexane
Concen: 16.444 ug/l
RT: 7.61 min Scan# 1827
Delta R.T. 0.00 min
Lab File: VN064658.D
Acq: 16 Nov 2020 13:15

Instrument :
MSVOA_N
ClientSampleId :
VN1116WBSD01

Tot Ion	Ratio	Lower	Upper
56	100		
69	42.0	25.6	38.4#
84	84.0	63.0	94.6

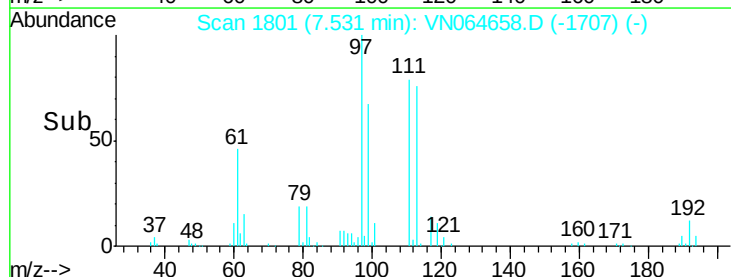
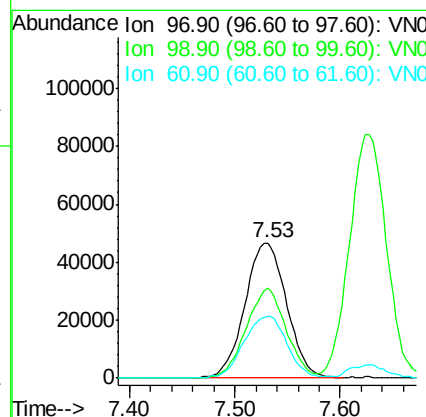
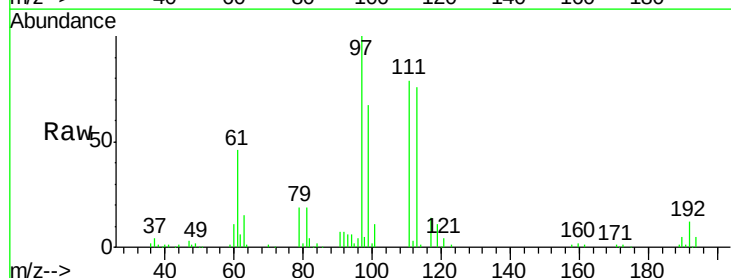
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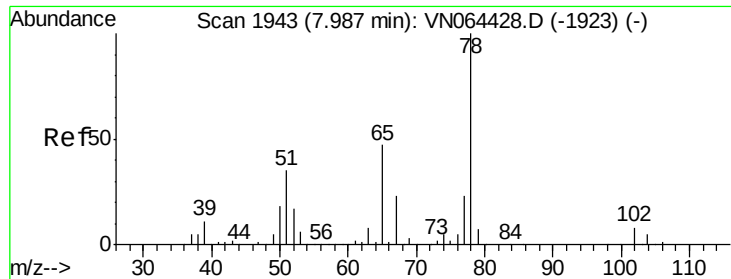
MMDadoda
11/17/2020 7:02:08 PM



#32
1,1,1-Trichloroethane
Concen: 18.932 ug/l
RT: 7.53 min Scan# 1801
Delta R.T. 0.00 min
Lab File: VN064658.D
Acq: 16 Nov 2020 13:15

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.8	51.3	76.9
61	47.3	39.1	58.7





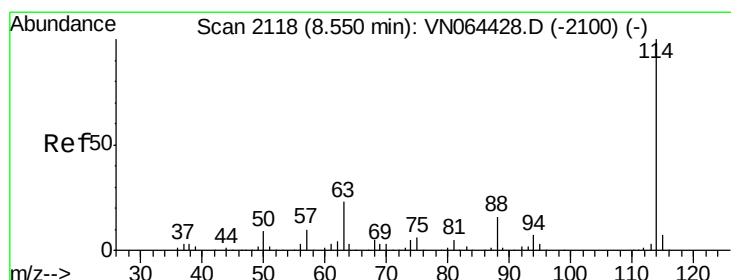
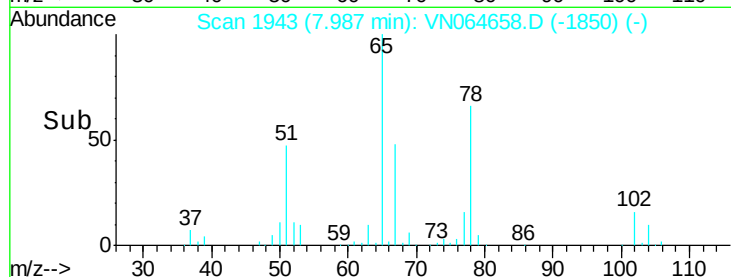
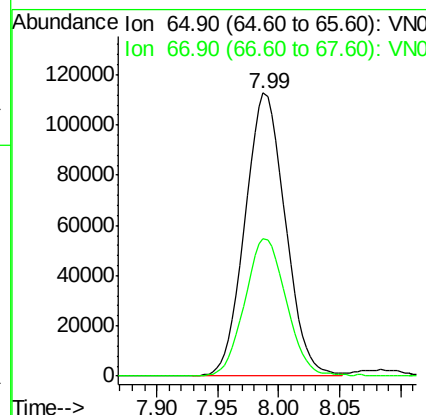
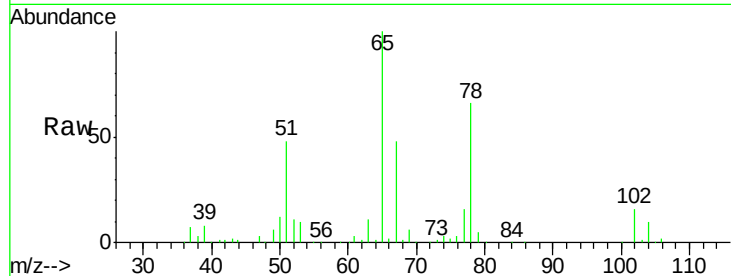
#33
 1,2-Dichloroethane-d4
 Concen: 49.608 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VN064658.D
 Acq: 16 Nov 2020 13:15

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1116WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	258113		
67	49.9	0.0	101.6	

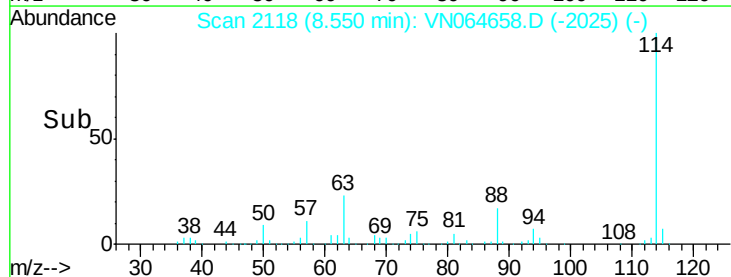
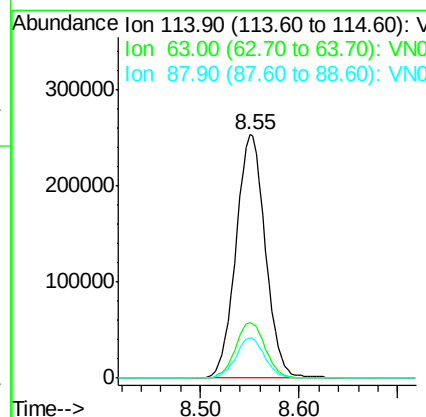
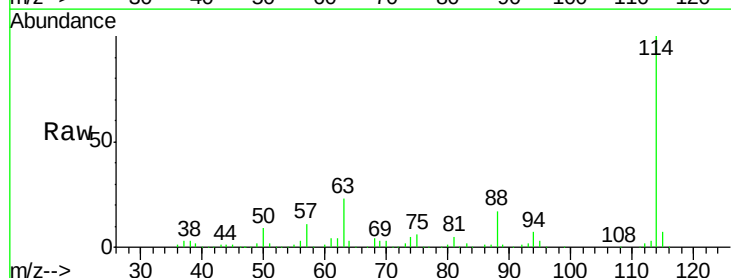
Manual Integrations
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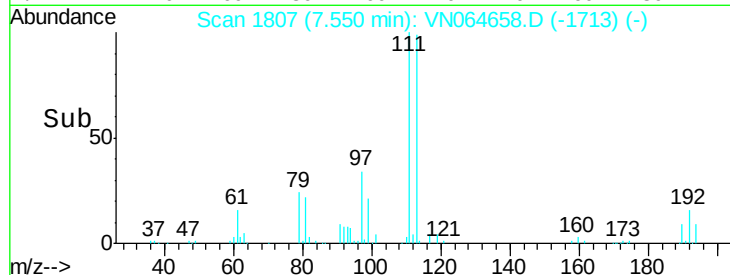
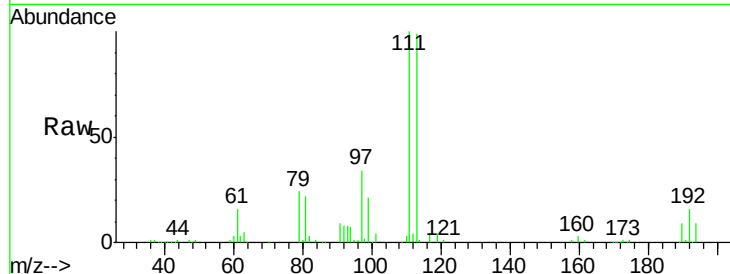
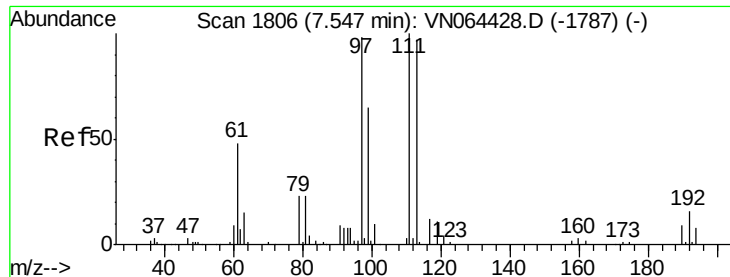
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN064658.D
 Acq: 16 Nov 2020 13:15

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	524647		
63	22.8	0.0	45.6	
88	16.6	0.0	32.8	





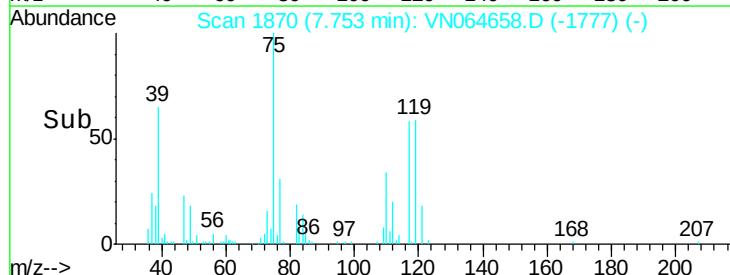
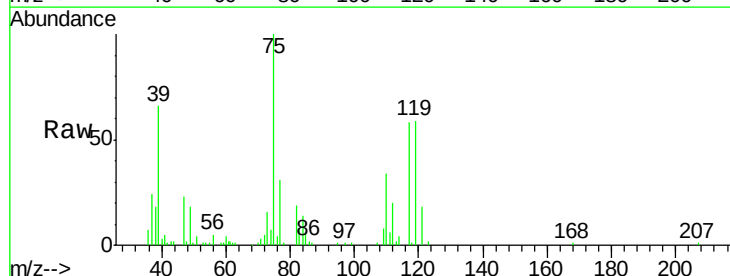
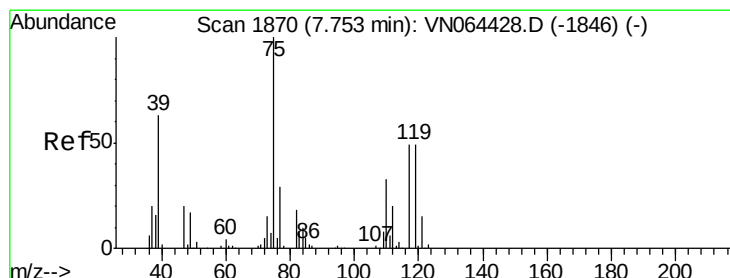
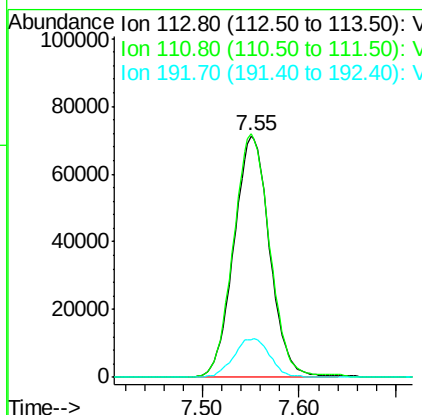
#35
Dibromofluoromethane
Concen: 51.068 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VN064658.D
Acq: 16 Nov 2020 13:15

Tot Ion:	113	Resp:	182422
Ion Ratio	Lower	Upper	
113	100		
111	102.4	81.1	121.7
192	16.3	12.8	19.2

Instrument :
MSVOA_N
ClientSampleId :
VN1116WBSD01

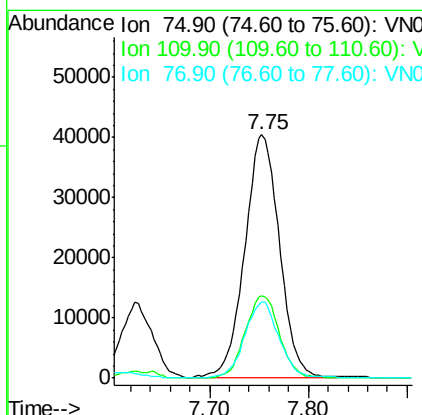
Manual Integrations
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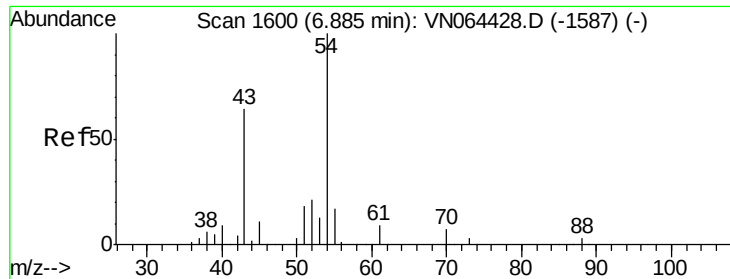
MMDadoda
11/17/2020 7:02:08 PM



#36
1,1-Dichloropropene
Concen: 17.824 ug/l
RT: 7.75 min Scan# 1870
Delta R.T. -0.00 min
Lab File: VN064658.D
Acq: 16 Nov 2020 13:15

Tgt Ion:	75	Resp:	98788
Ion Ratio	Lower	Upper	
75	100		
110	33.2	16.0	48.0
77	30.7	24.0	36.0





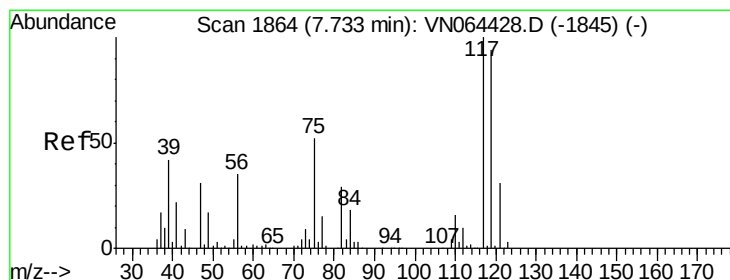
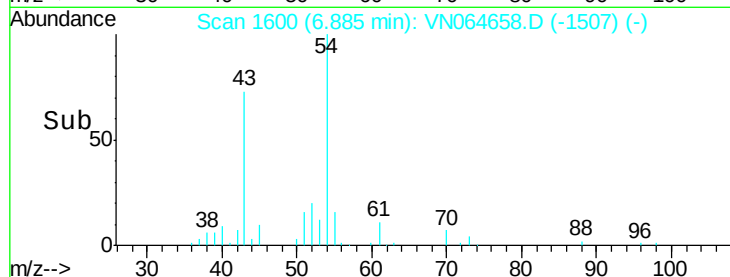
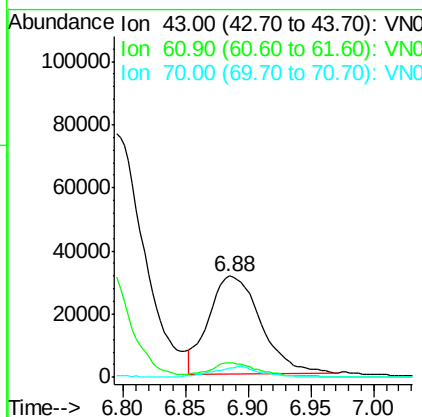
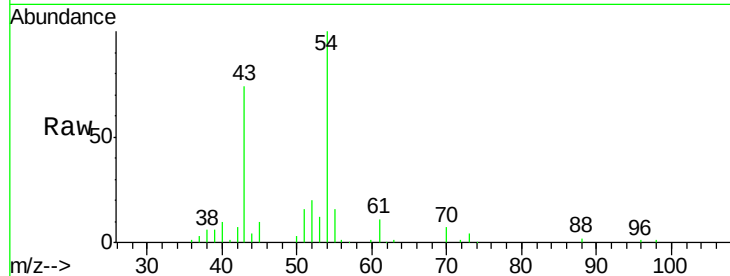
#37
Ethyl Acetate
Concen: 16.386 ug/l
RT: 6.88 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VN064658.D
Acq: 16 Nov 2020 13:15

Instrument :
MSVOA_N
ClientSampleId :
VN1116WBSD01

Tot Ion	43	61	70
Resp	89247		
Ratio	100	14.8	10.1
Lower		10.0	7.1
Upper		15.0	10.7

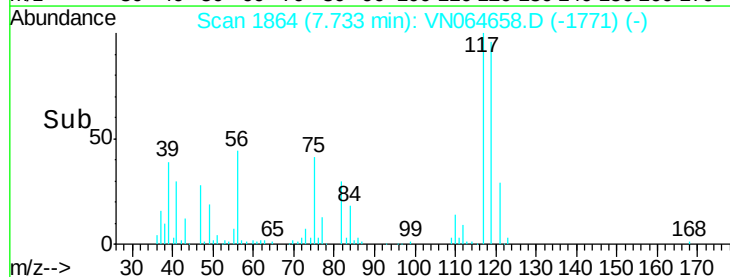
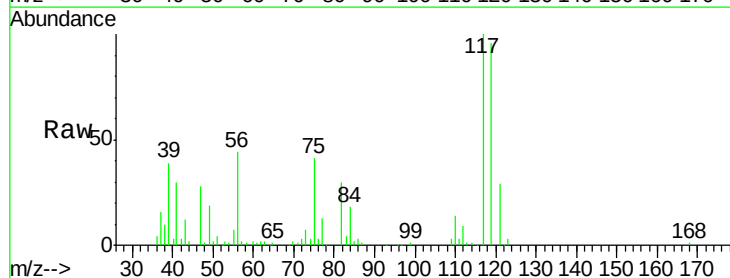
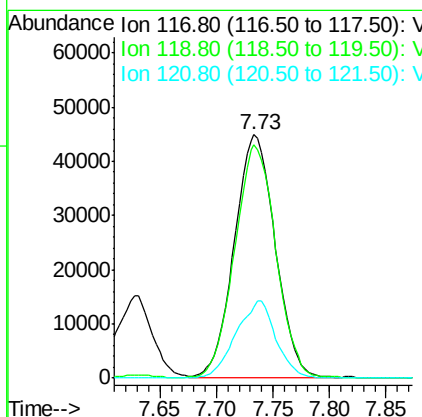
Manual Integrations
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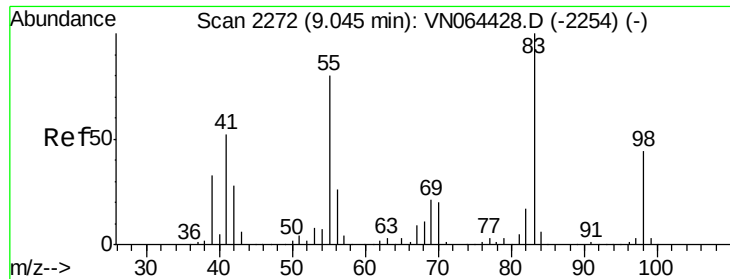
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#38
Carbon Tetrachloride
Concen: 19.129 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. -0.00 min
Lab File: VN064658.D
Acq: 16 Nov 2020 13:15

Tgt Ion	117	119	121
Resp	113313		
Ratio	100	95.3	29.0
Lower		75.5	24.4
Upper		113.3	36.6





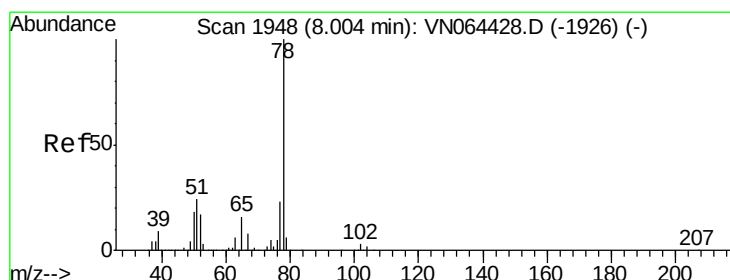
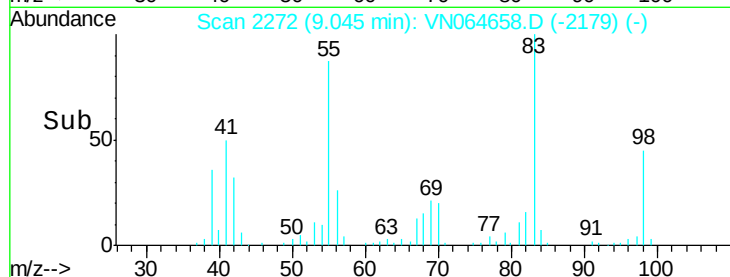
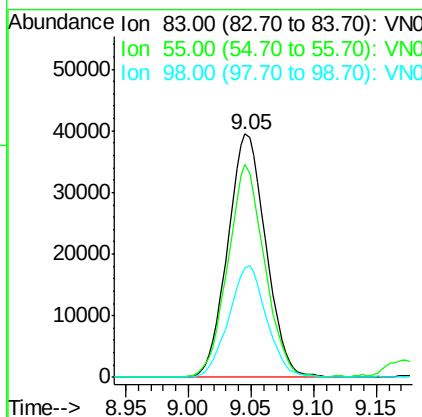
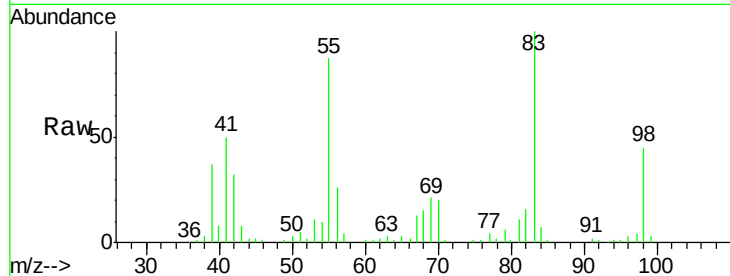
#39
Methylvlcyclohexane
Concen: 16.765 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN064658.D
Acq: 16 Nov 2020 13:15

Instrument :
MSVOA_N
ClientSampleId :
VN1116WBSD01

Tot Ion	83	Resp	83299
Ion Ratio	100	Lower	Upper
83	100		
55	86.9	63.8	95.6
98	44.9	35.4	53.2

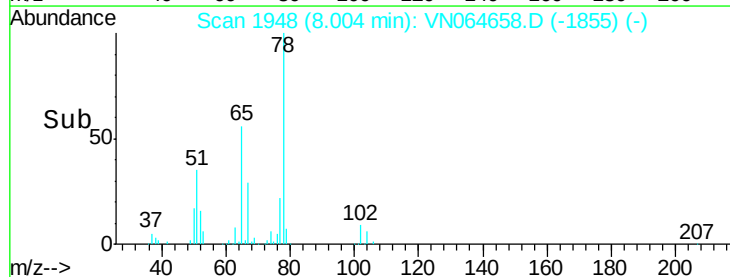
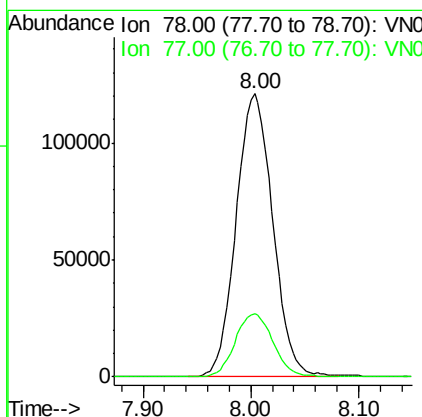
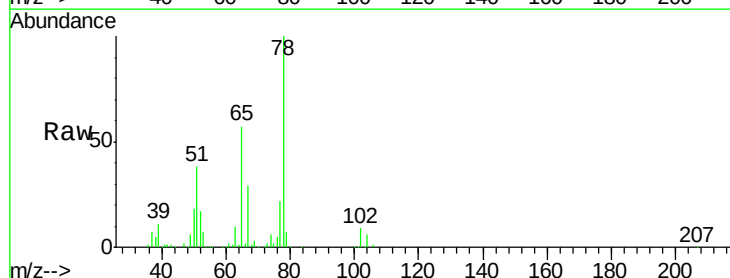
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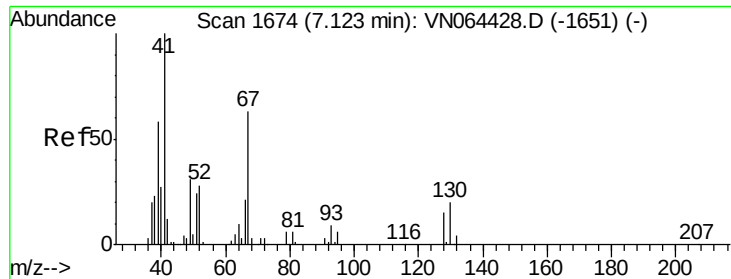
MMDadoda
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#40
Benzene
Concen: 17.598 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. -0.00 min
Lab File: VN064658.D
Acq: 16 Nov 2020 13:15

Tgt Ion	78	Resp	286618
Ion Ratio	100	Lower	Upper
78	100		
77	22.4	18.7	28.1





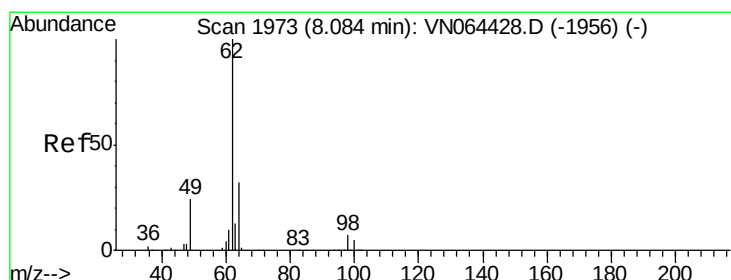
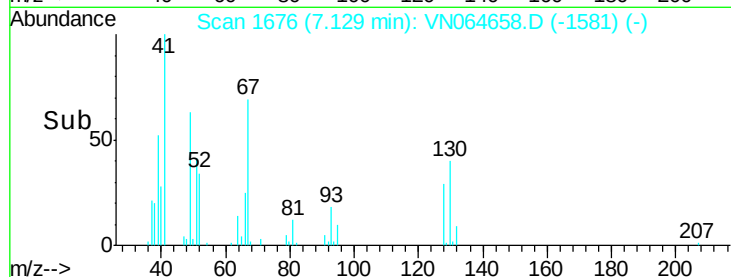
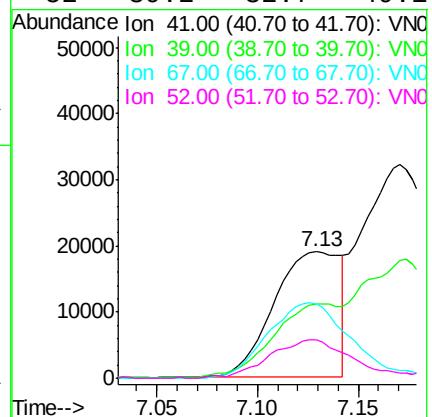
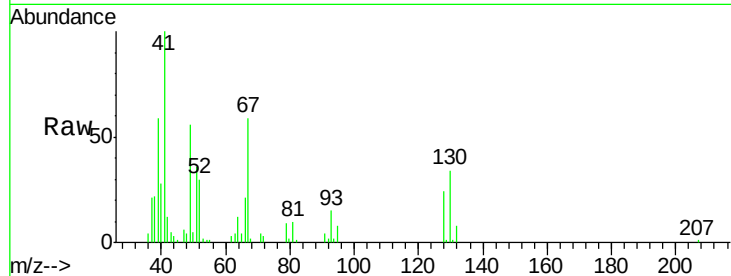
#41
Methacrylonitrile
Concen: 17.668 ug/l
RT: 7.13 min Scan# 1676
Delta R.T. 0.01 min
Lab File: VN064658.D
Acq: 16 Nov 2020 13:15

Instrument :
MSVOA_N
ClientSampleId :
VN1116WBSD01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	54.1	50.0	75.0	
67	76.4	68.3	102.5	
52	39.2	32.7	49.1	

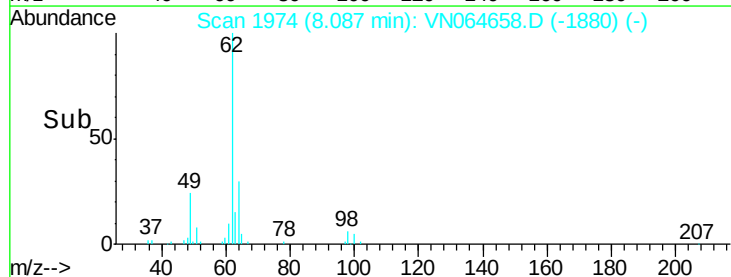
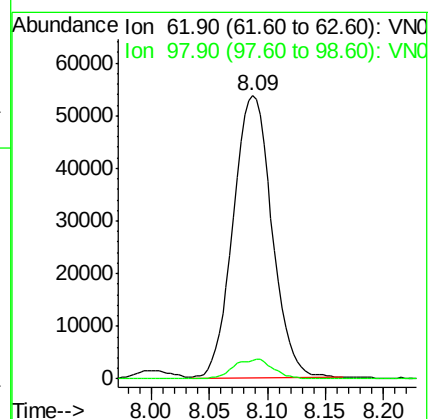
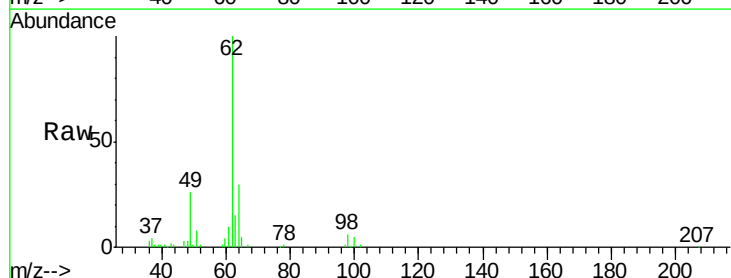
Manual Integrations
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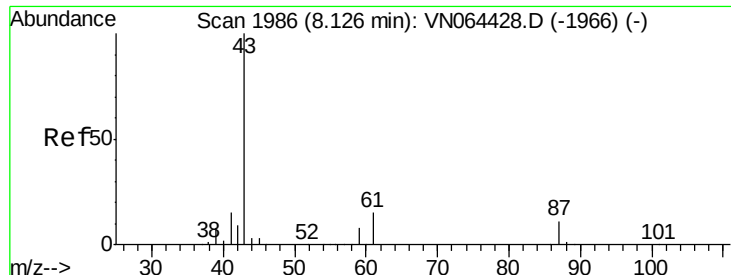
MMDadoda
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#42
1,2-Dichloroethane
Concen: 18.997 ug/l
RT: 8.09 min Scan# 1974
Delta R.T. 0.00 min
Lab File: VN064658.D
Acq: 16 Nov 2020 13:15

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	7.0	0.0	14.0	





#43

Isopropyl Acetate

Concen: 17.988 ug/l

RT: 8.13 min Scan# 1988

Delta R.T. 0.01 min

Lab File: VN064658.D

Acq: 16 Nov 2020 13:15

Instrument :

MSVOA_N

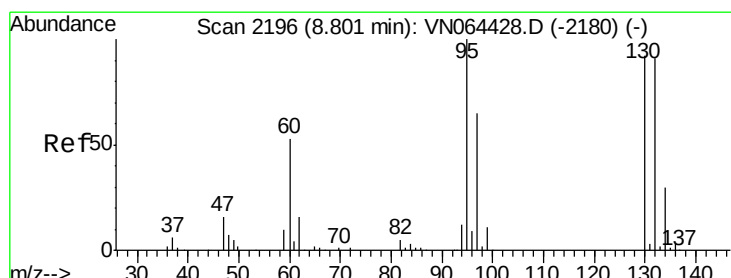
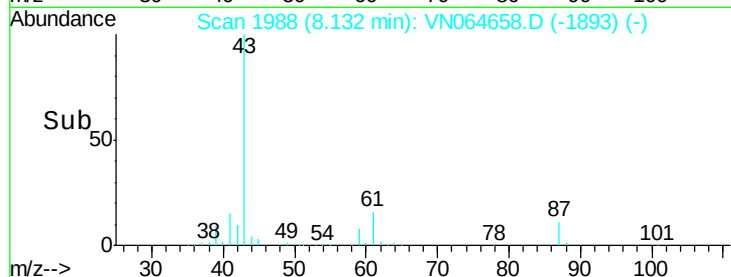
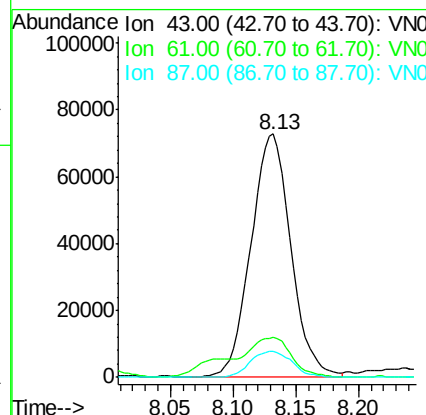
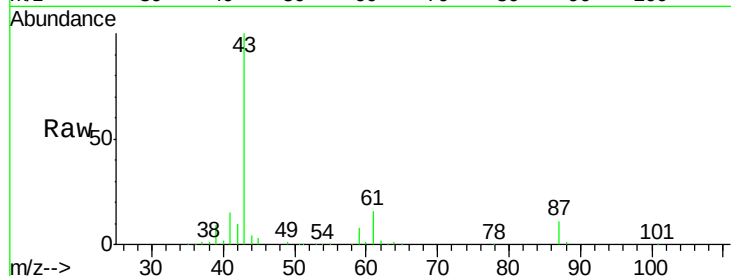
ClientSampleId :

VN1116WBSD01

Tot Ion:	43	Resp:	161569
Ion	Ratio	Lower	Upper
43	100		
61	17.5	14.0	21.0
87	11.2	9.1	13.7

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#44

Trichloroethene

Concen: 17.576 ug/l

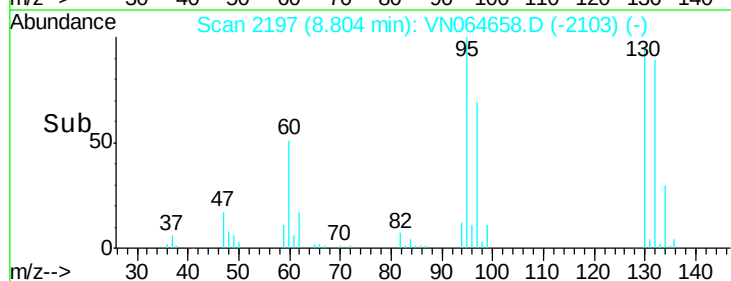
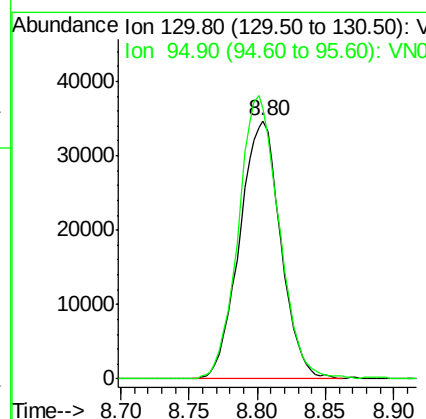
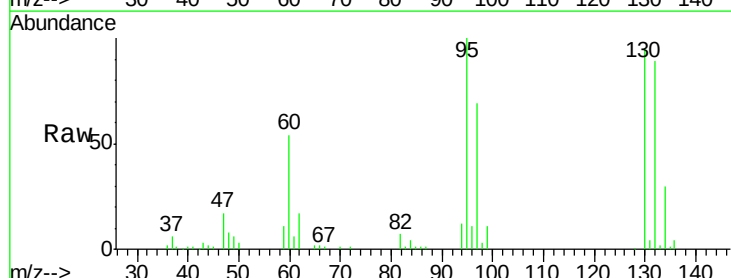
RT: 8.80 min Scan# 2197

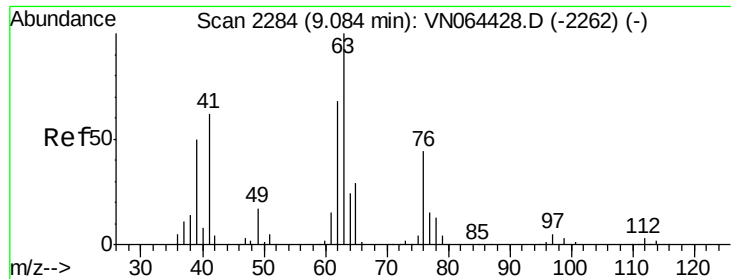
Delta R.T. 0.00 min

Lab File: VN064658.D

Acq: 16 Nov 2020 13:15

Tgt Ion:	130	Resp:	72223
Ion	Ratio	Lower	Upper
130	100		
95	104.8	0.0	216.8





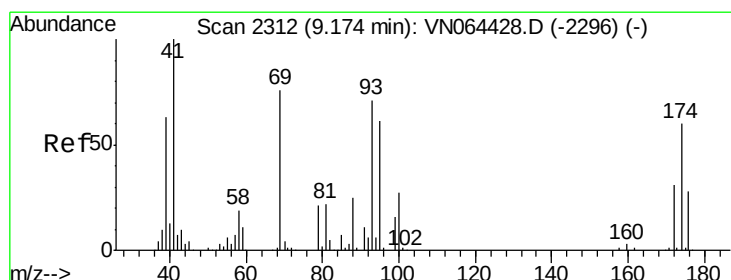
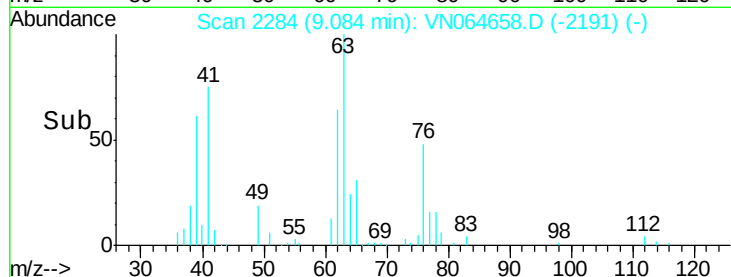
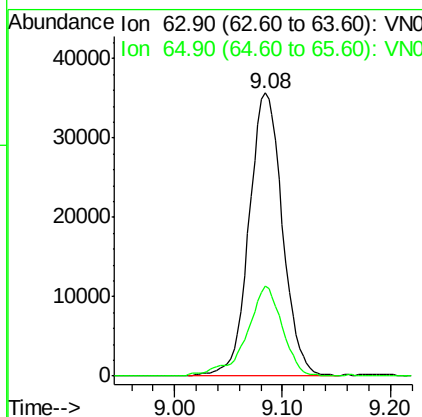
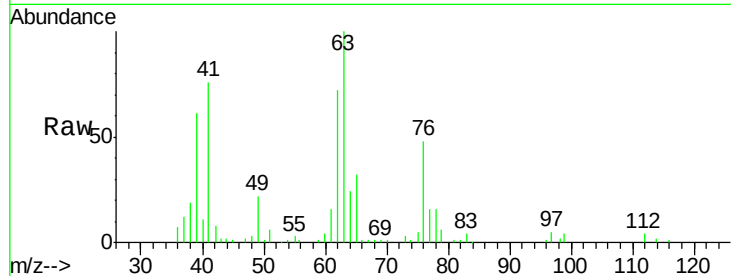
#45
 1,2-Dichloropropane
 Concen: 17.655 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: VN064658.D
 Acq: 16 Nov 2020 13:15

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1116WBSD01

Tot Ion: 63 Resp: 76725
 Ion Ratio Lower Upper
 63 100
 65 31.7 23.6 35.4

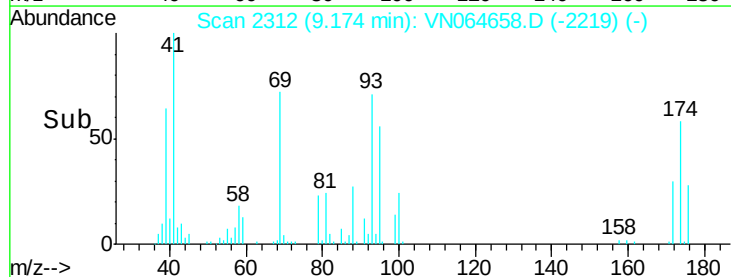
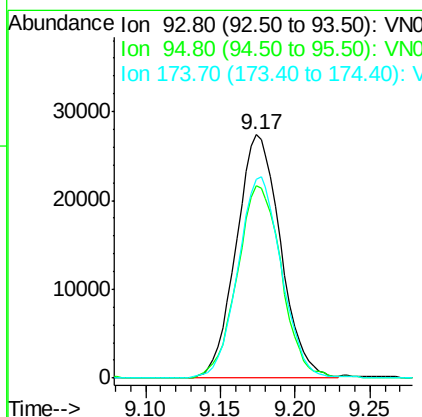
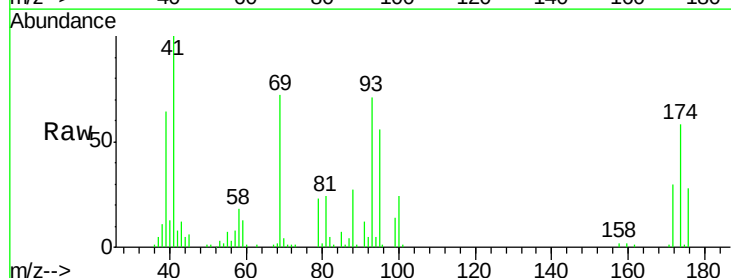
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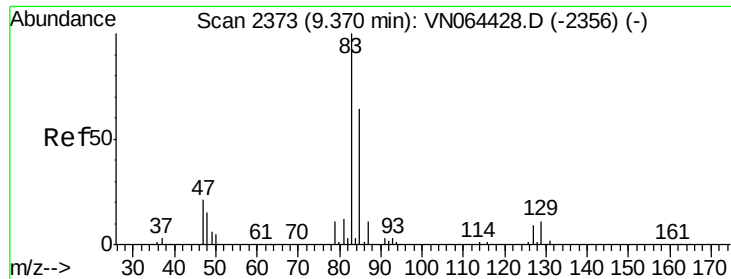
MMDadoda
 11/17/2020 7:02:08 PM



#46
 Dibromomethane
 Concen: 19.769 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. -0.00 min
 Lab File: VN064658.D
 Acq: 16 Nov 2020 13:15

Tgt Ion: 93 Resp: 56553
 Ion Ratio Lower Upper
 93 100
 95 78.9 66.4 99.6
 174 80.9 67.2 100.8





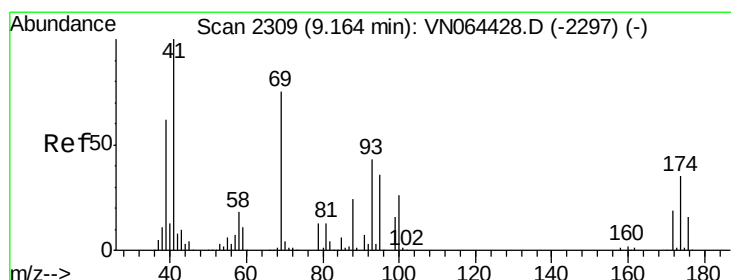
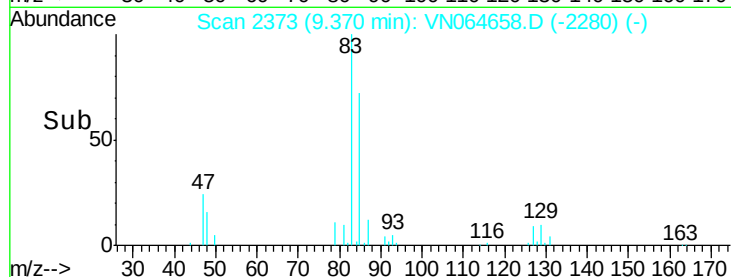
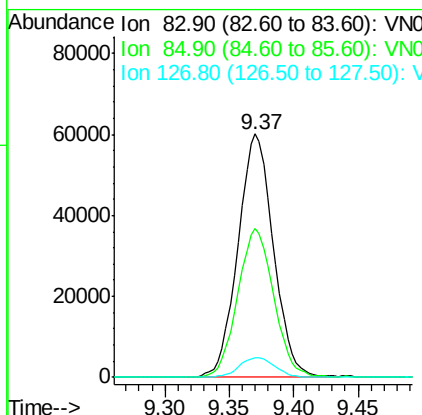
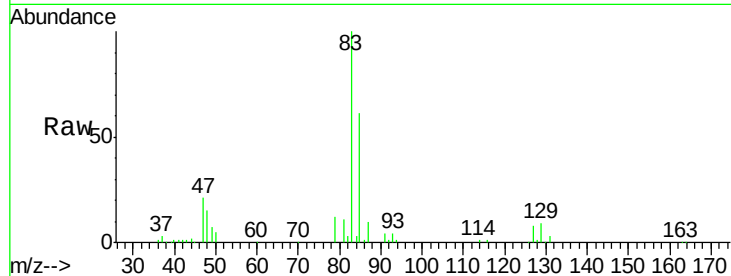
#47
Bromodichloromethane
Concen: 18.726 ug/l
RT: 9.37 min Scan# 2373
Delta R.T. -0.00 min
Lab File: VN064658.D
Acq: 16 Nov 2020 13:15

Instrument :
MSVOA_N
ClientSampleId :
VN1116WBSD01

Tot Ion	83	Resp	115188
Ion Ratio	100	Lower	Upper
83	100		
85	61.4	51.2	76.8
127	7.8	6.9	10.3

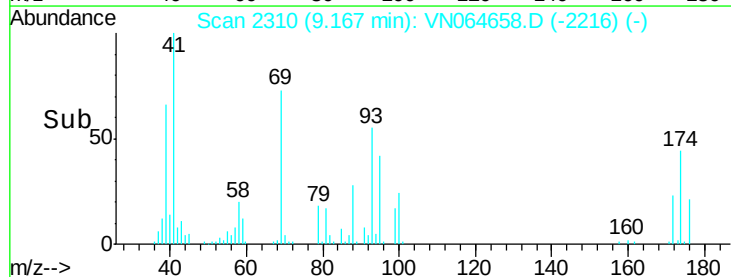
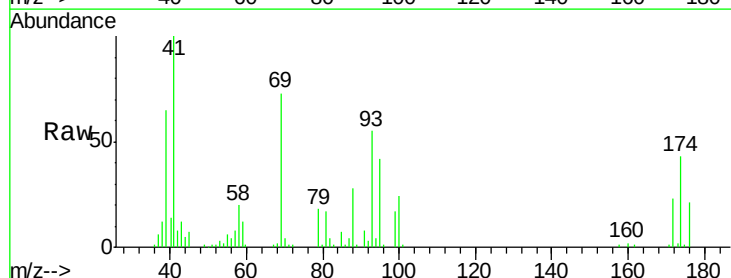
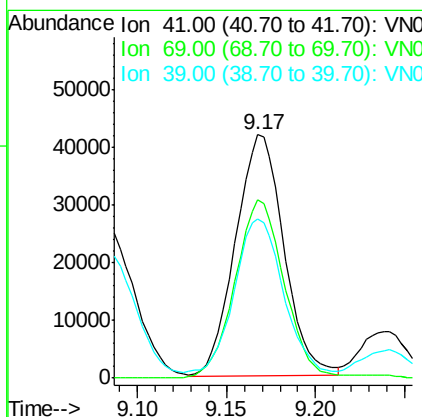
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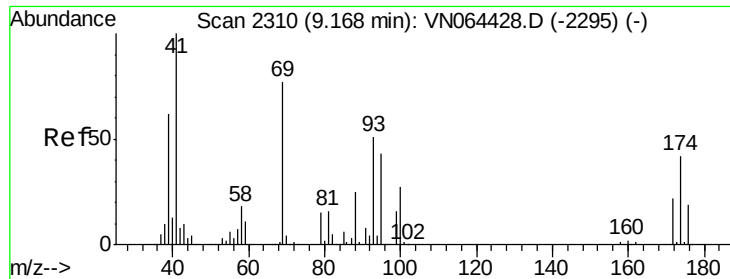
MMDadoda
11/17/2020 7:02:08 PM



#48
Methyl methacrylate
Concen: 17.506 ug/l
RT: 9.17 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN064658.D
Acq: 16 Nov 2020 13:15

Tgt Ion	41	Resp	79345
Ion Ratio	100	Lower	Upper
41	100		
69	75.0	60.4	90.6
39	67.2	51.2	76.8





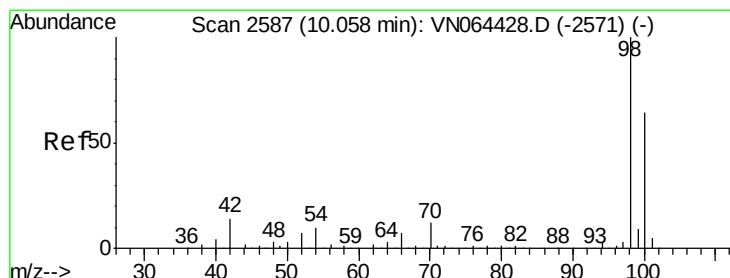
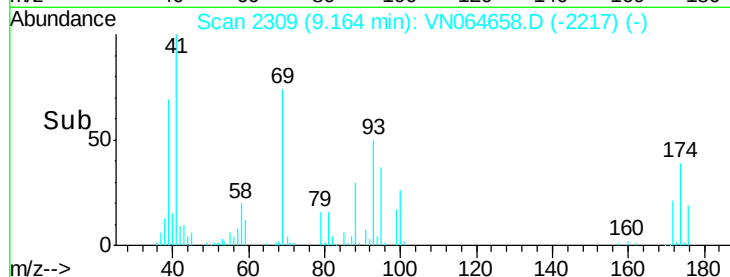
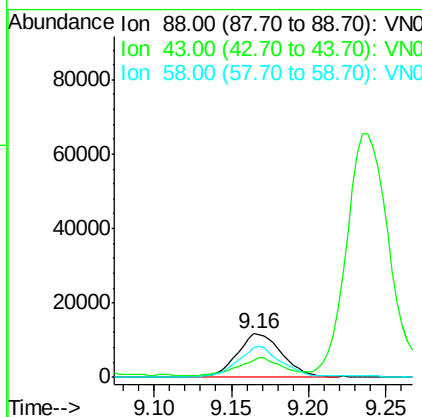
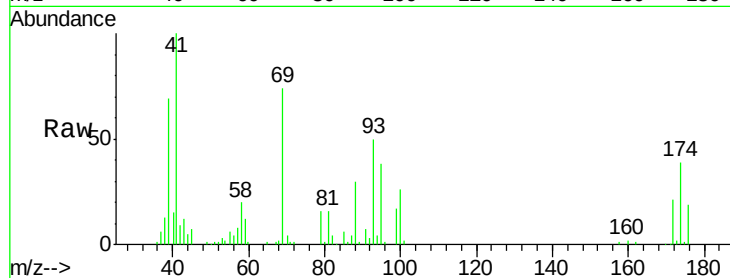
#49
1,4-Dioxane
Concen: 398.353 ug/l
RT: 9.16 min Scan# 2309
Delta R.T. -0.00 min
Lab File: VN064658.D
Acq: 16 Nov 2020 13:15

Instrument :
MSVOA_N
ClientSampleId :
VN1116WBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	37.1	31.0	46.6
58	68.5	58.4	87.6

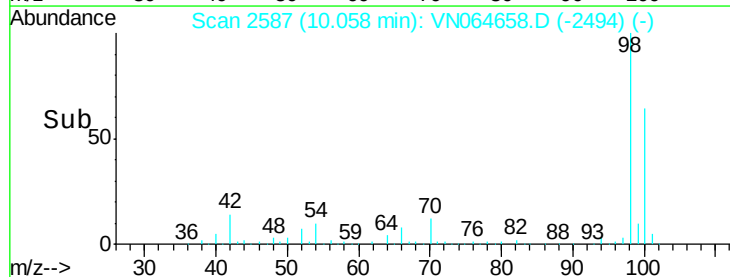
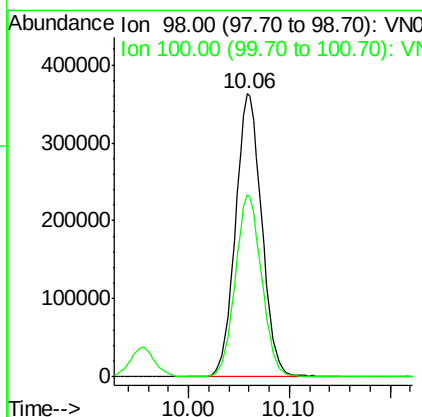
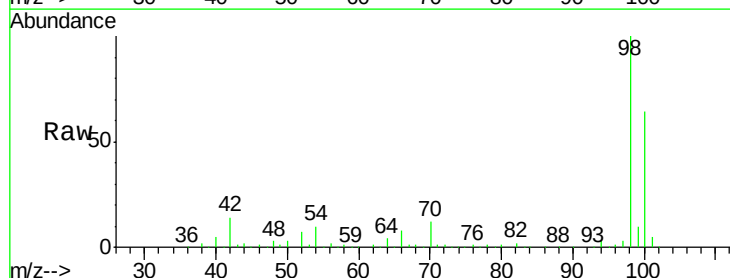
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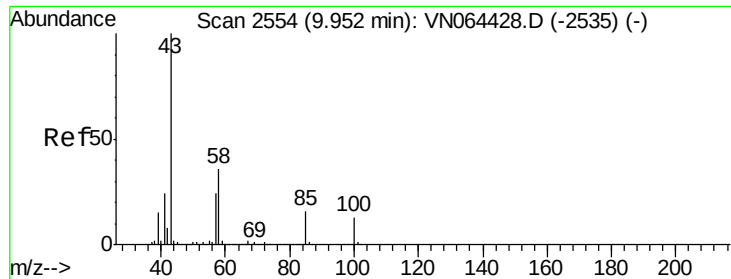
MMDadoda
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#50
Toluene-d8
Concen: 47.423 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN064658.D
Acq: 16 Nov 2020 13:15

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.2	50.7	76.1





#51

4-Methyl-2-Pentanone

Concen: 95.191 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN064658.D

Acq: 16 Nov 2020 13:15

Instrument :

MSVOA_N

ClientSampleId :

VN1116WBSD01

Tot Ion: 43 Resp: 498623

Ion Ratio Lower Upper

43 100

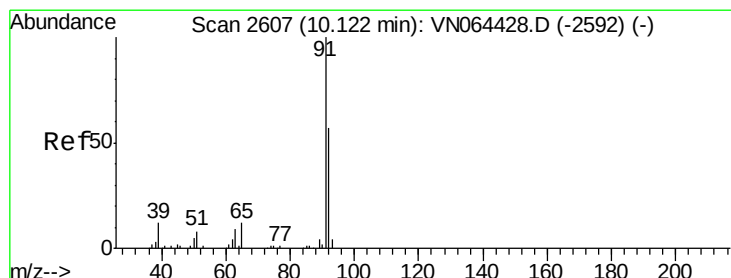
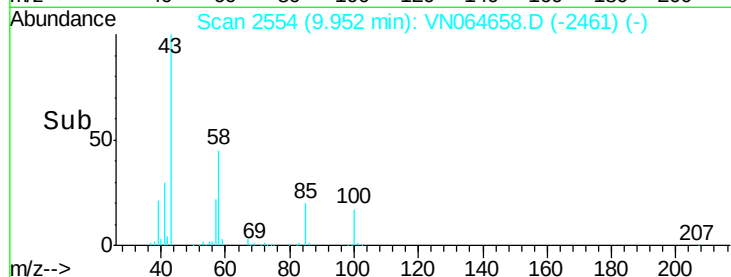
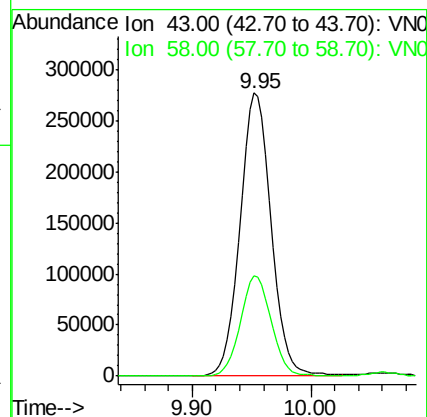
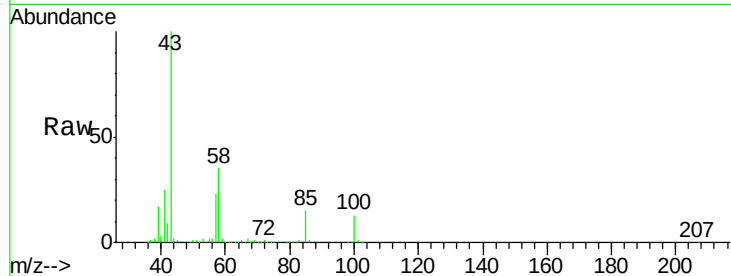
58 35.4 28.4 42.6

Manual Integrations

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#52

Toluene

Concen: 17.998 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN064658.D

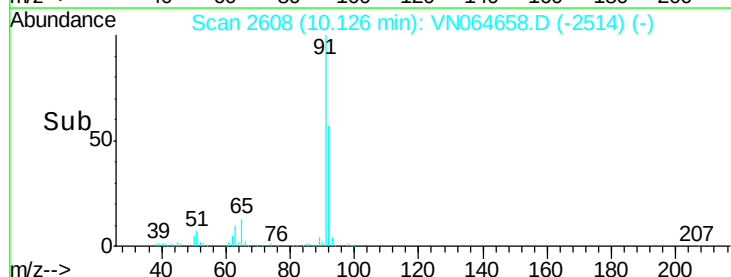
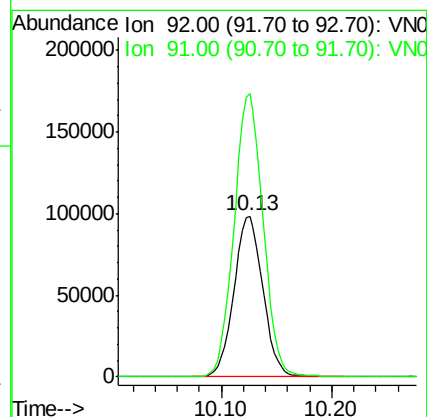
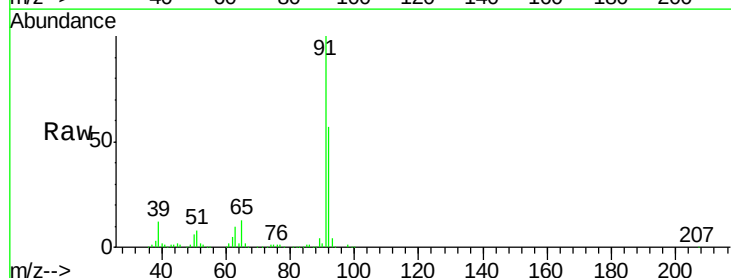
Acq: 16 Nov 2020 13:15

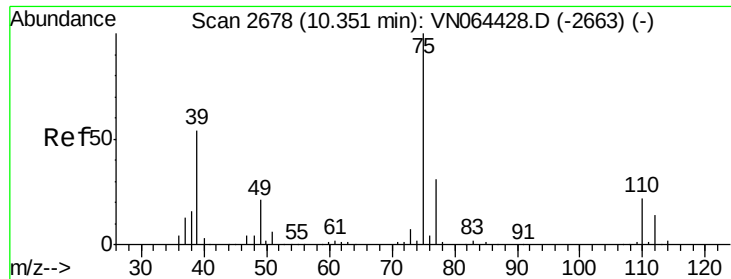
Tgt Ion: 92 Resp: 178785

Ion Ratio Lower Upper

92 100

91 176.4 139.6 209.4





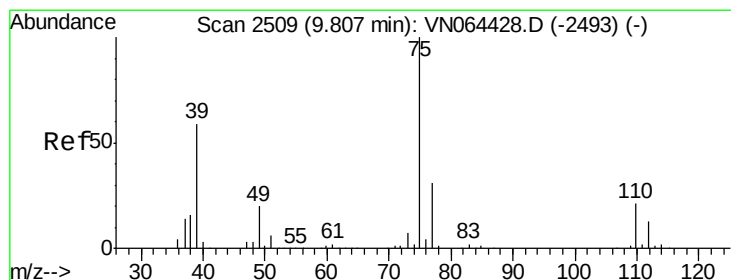
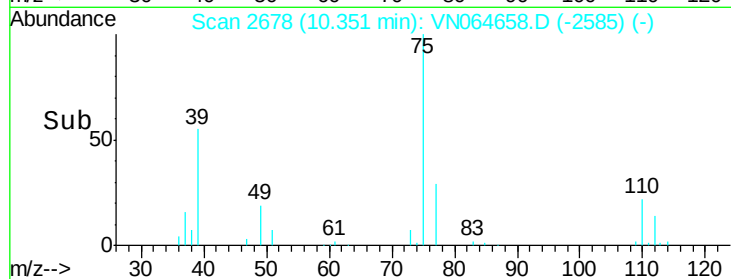
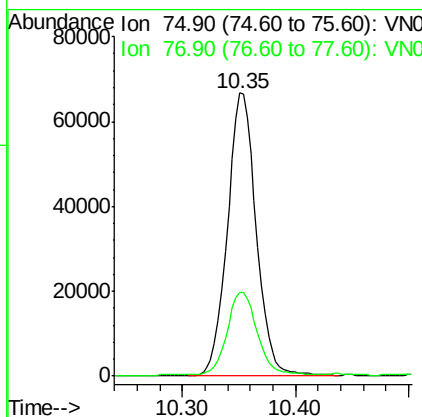
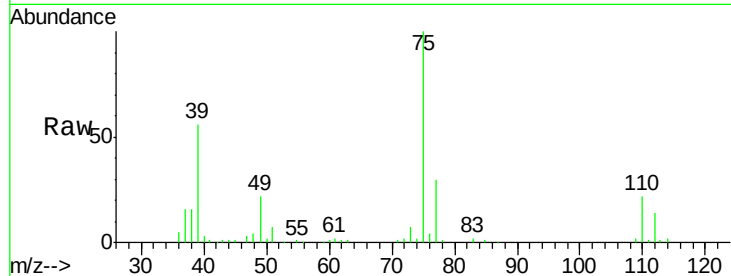
#53
t-1,3-Dichloropropene
Concen: 18.194 ug/l
RT: 10.35 min Scan# 2678
Delta R.T. -0.00 min
Lab File: VN064658.D
Acq: 16 Nov 2020 13:15

Instrument :
MSVOA_N
ClientSampleId :
VN1116WBSD01

Tot Ion: 75 Resp: 118648
Ion Ratio Lower Upper
75 100
77 29.0 24.8 37.2

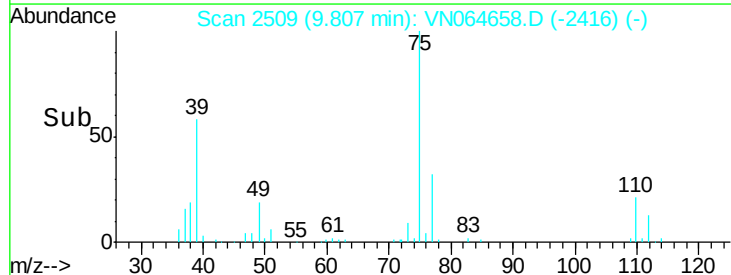
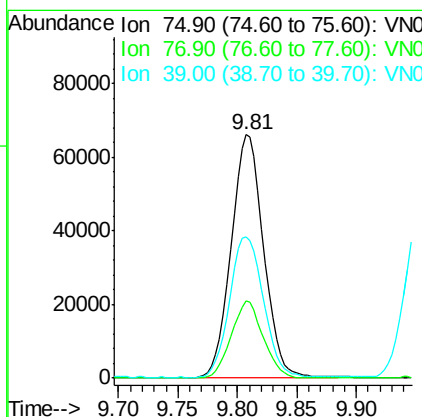
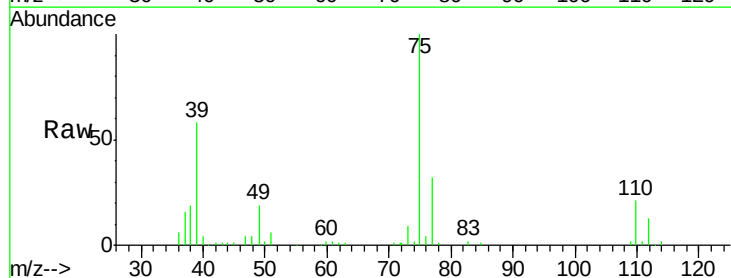
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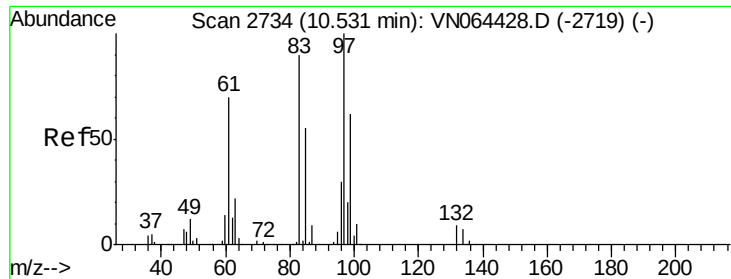
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 17.935 ug/l
RT: 9.81 min Scan# 2509
Delta R.T. -0.00 min
Lab File: VN064658.D
Acq: 16 Nov 2020 13:15

Tgt Ion: 75 Resp: 125049
Ion Ratio Lower Upper
75 100
77 31.6 24.9 37.3
39 57.8 47.1 70.7





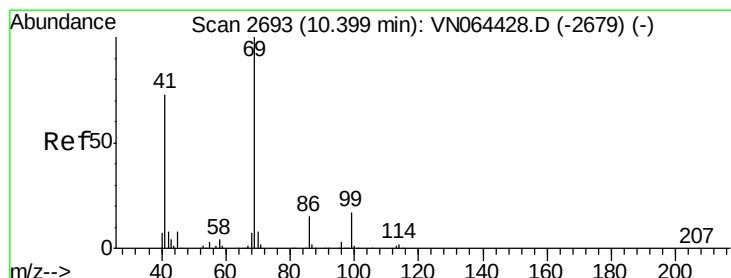
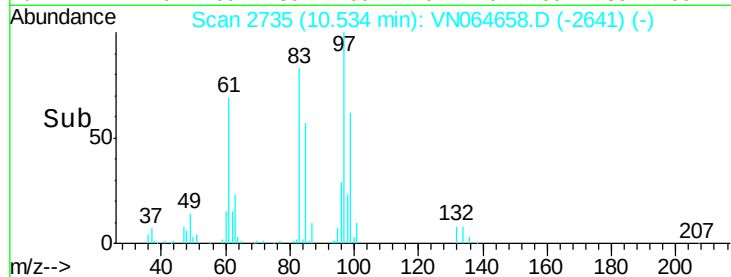
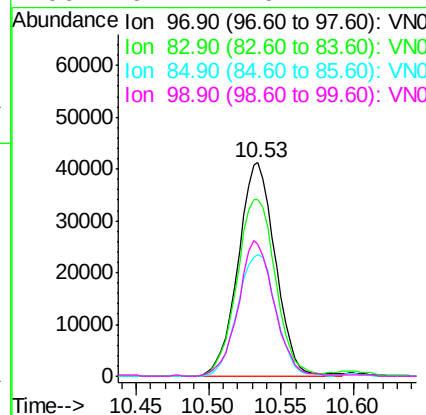
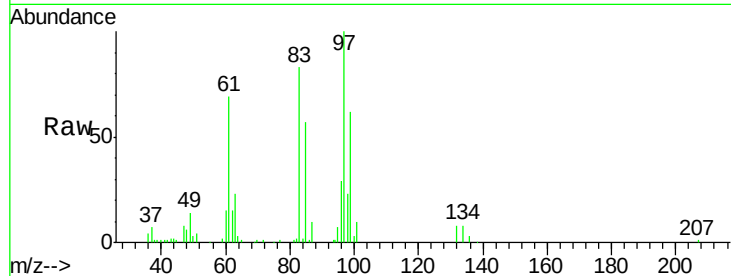
#55
 1,1,2-Trichloroethane
 Concen: 18.981 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. 0.00 min
 Lab File: VN064658.D
 Acq: 16 Nov 2020 13:15

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1116WBSD01

Tot Ion:	97	Resp:	73534
Ion	Ratio	Lower	Upper
97	100		
83	82.9	71.7	107.5
85	57.2	44.3	66.5
99	61.7	49.4	74.2

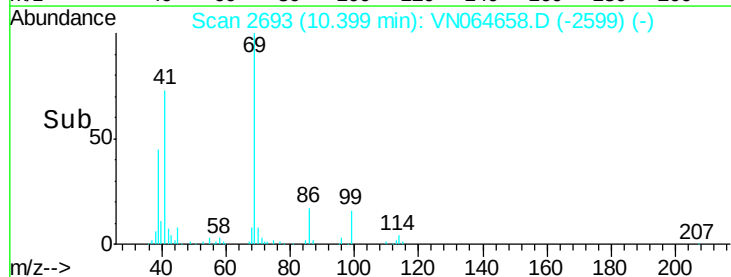
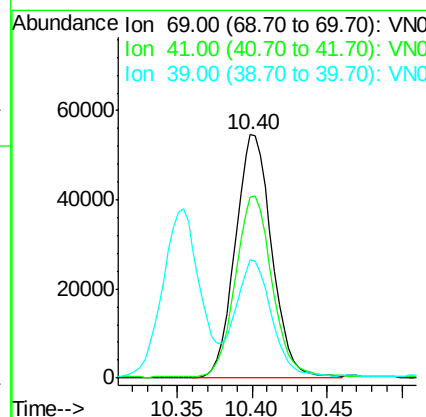
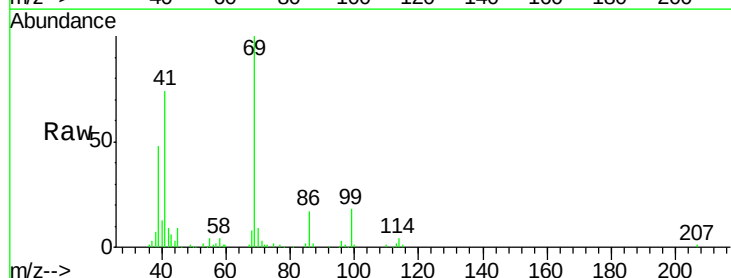
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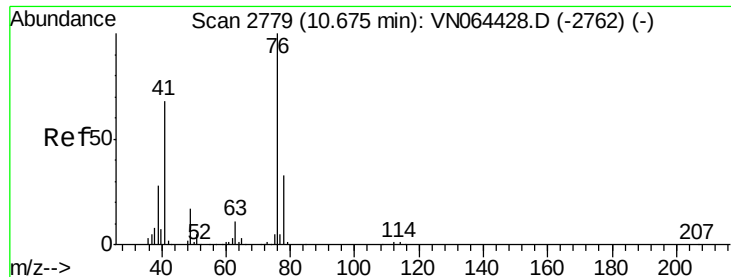
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 11/17/2020 7:02:08 PM



#56
 Ethyl methacrylate
 Concen: 15.893 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. 0.00 min
 Lab File: VN064658.D
 Acq: 16 Nov 2020 13:15

Tgt Ion:	69	Resp:	92988
Ion	Ratio	Lower	Upper
69	100		
41	74.2	59.3	88.9
39	46.3	35.4	53.0





#57

1,3-Dichloropropane

Concen: 18.601 ug/l

RT: 10.68 min Scan# 2780

Delta R.T. 0.00 min

Lab File: VN064658.D

Acq: 16 Nov 2020 13:15

Instrument :

MSVOA_N

ClientSampleId :

VN1116WBSD01

Tot Ion: 76 Resp: 125783

Ion Ratio Lower Upper

76 100

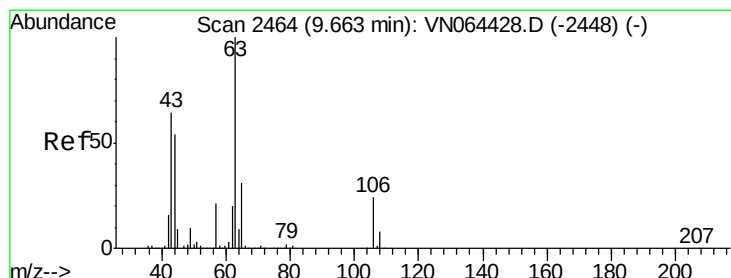
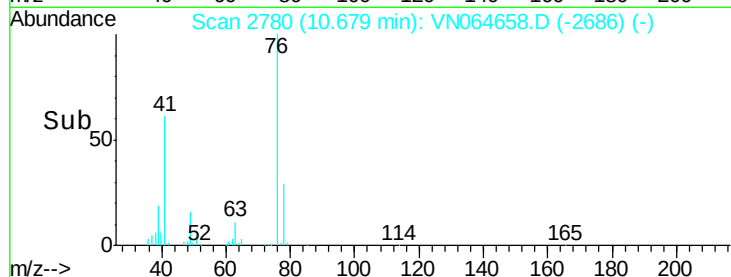
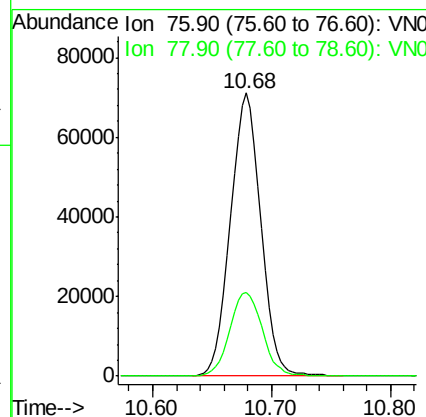
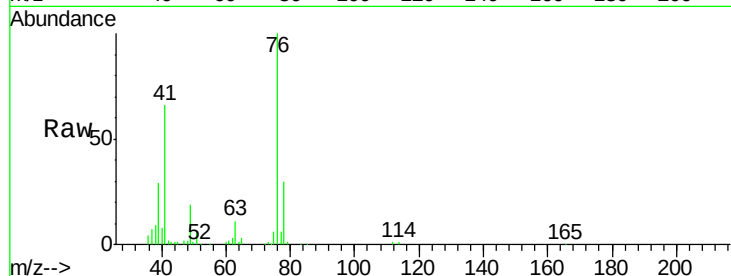
78 31.8 25.8 38.6

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 99.025 ug/l

RT: 9.67 min Scan# 2465

Delta R.T. 0.00 min

Lab File: VN064658.D

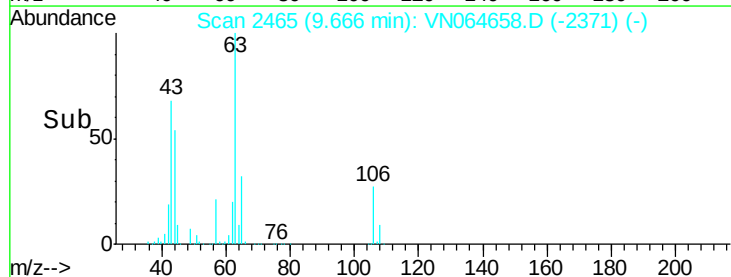
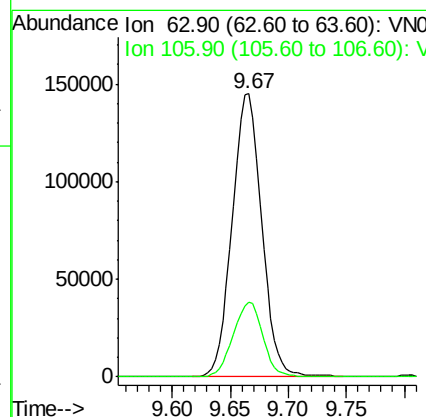
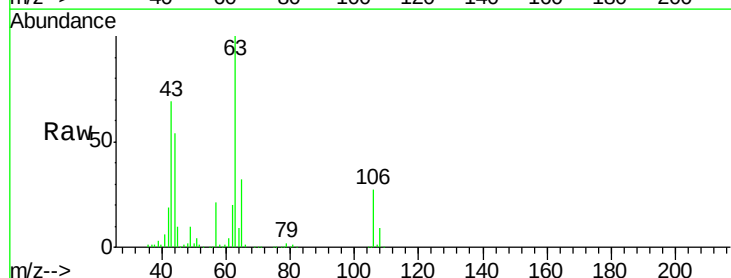
Acq: 16 Nov 2020 13:15

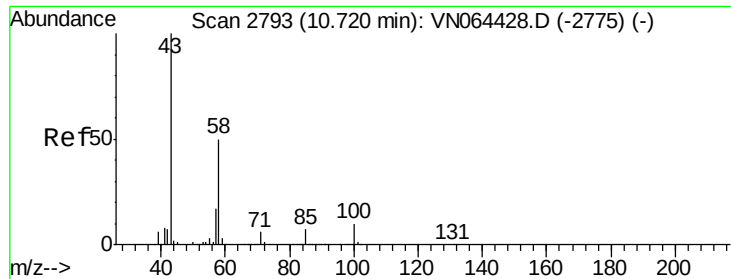
Tgt Ion: 63 Resp: 255377

Ion Ratio Lower Upper

63 100

106 26.5 19.5 29.3





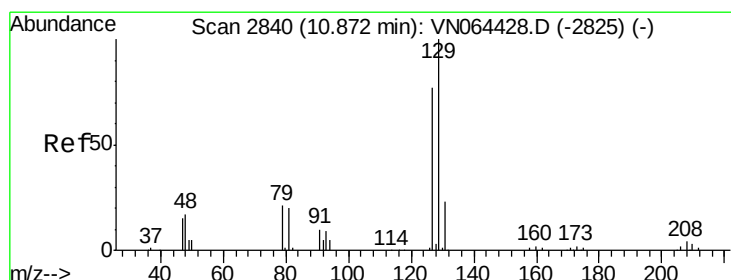
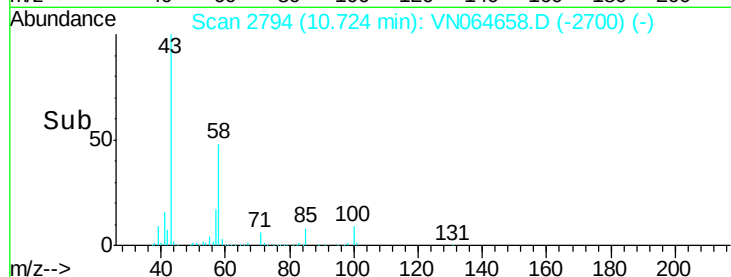
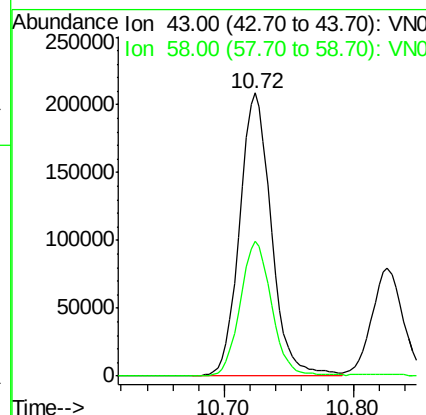
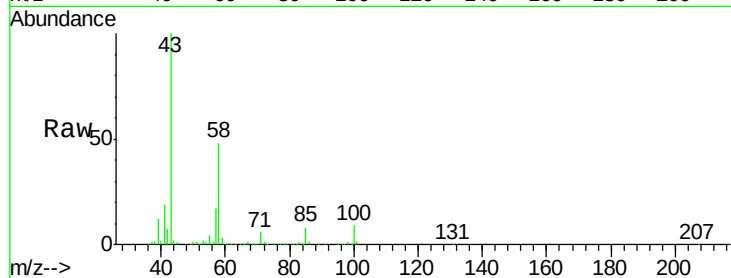
#59
2-Hexanone
Concen: 85.667 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN064658.D
Acq: 16 Nov 2020 13:15

Instrument :
MSVOA_N
ClientSampleId :
VN1116WBSD01

Tot Ion: 43 Resp: 354422
Ion Ratio Lower Upper
43 100
58 47.8 24.7 74.1

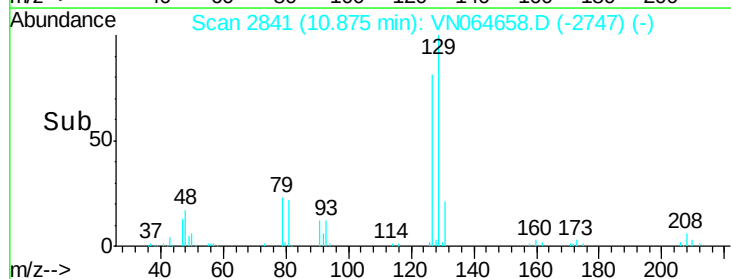
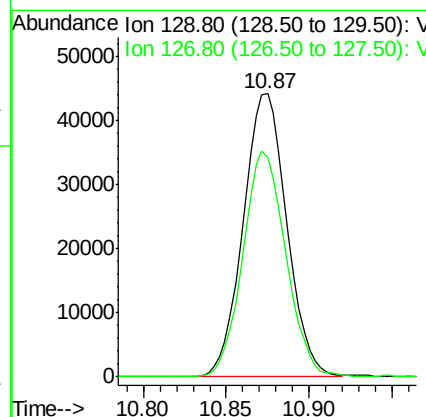
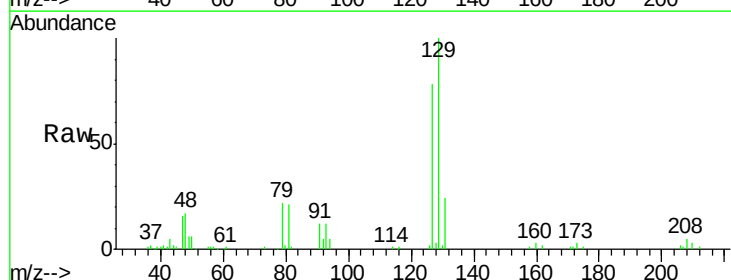
Manual Integrations
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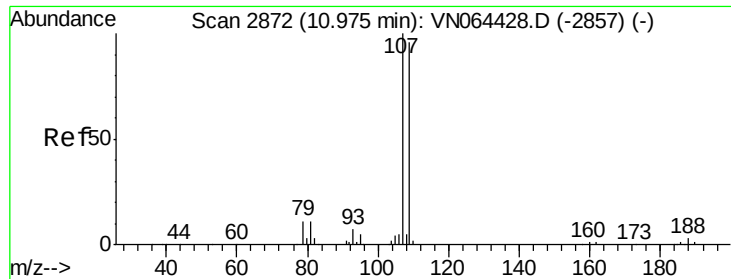
MMDadoda
11/17/2020 7:02:08 PM



#60
Dibromochloromethane
Concen: 18.653 ug/l
RT: 10.87 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VN064658.D
Acq: 16 Nov 2020 13:15

Tgt Ion: 129 Resp: 80907
Ion Ratio Lower Upper
129 100
127 78.6 38.9 116.7





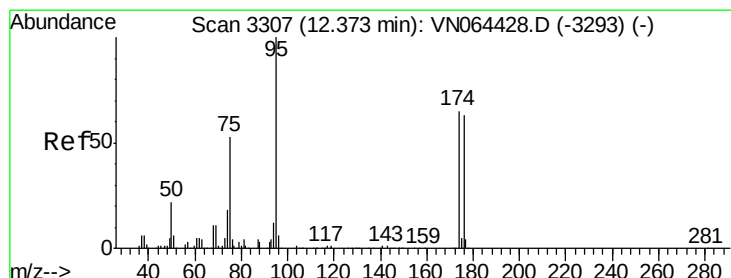
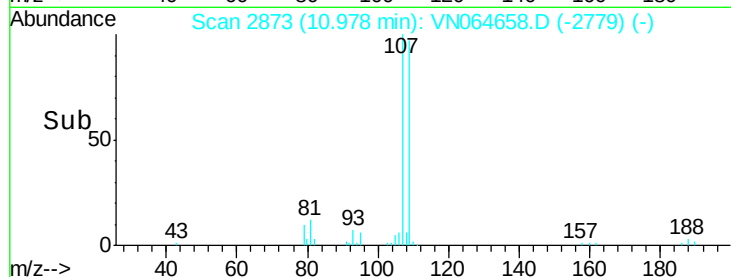
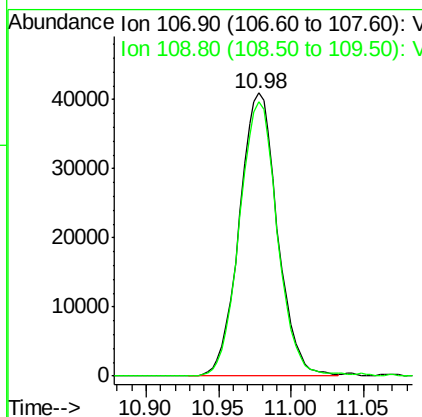
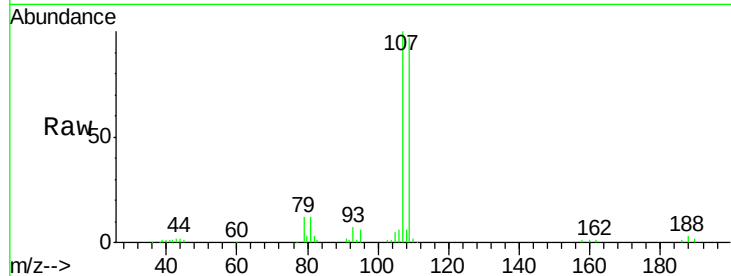
#61
 1,2-Dibromoethane
 Concen: 19.058 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. 0.00 min
 Lab File: VN064658.D
 Acq: 16 Nov 2020 13:15

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1116WBSD01

Tot Ion	Ratio	Lower	Upper
107	100		
109	96.3	75.9	113.9

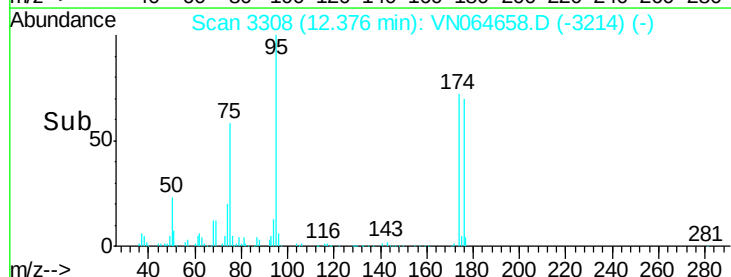
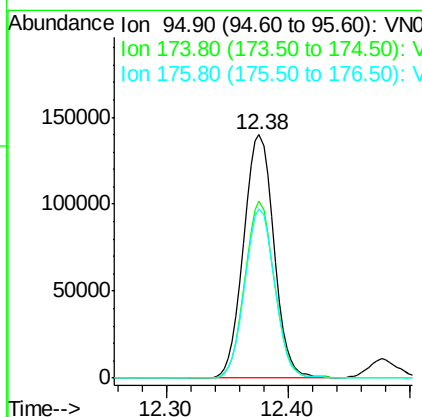
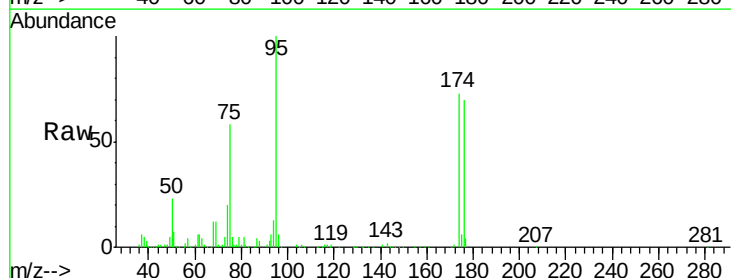
Manual Integrations
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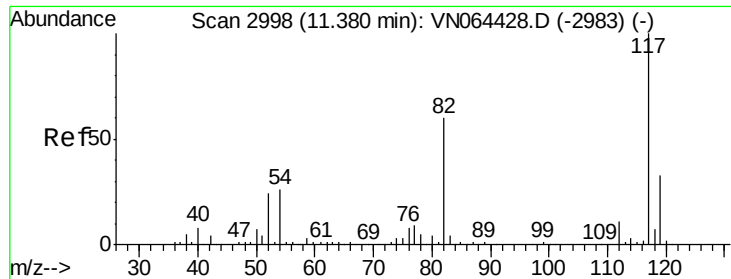
MMDadoda
 11/17/2020 7:02:08 PM



#62
 4-Bromofluorobenzene
 Concen: 45.848 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. 0.00 min
 Lab File: VN064658.D
 Acq: 16 Nov 2020 13:15

Tgt Ion	Ratio	Lower	Upper
95	100		
174	70.8	0.0	132.6
176	68.6	0.0	129.2





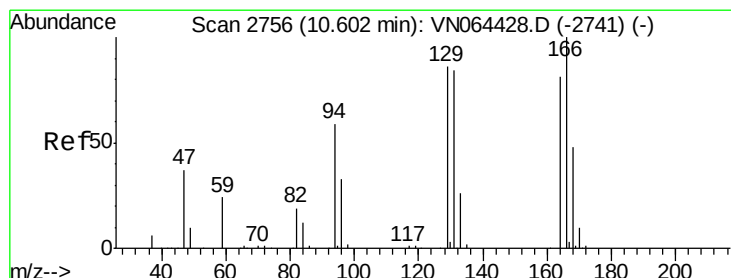
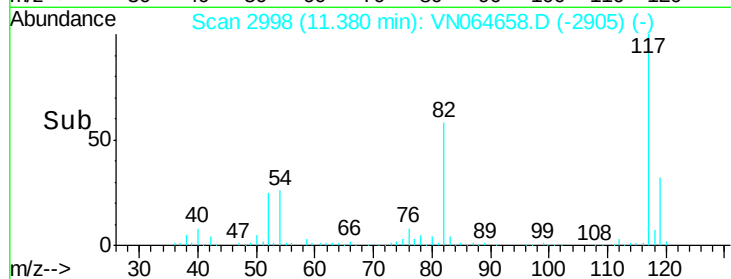
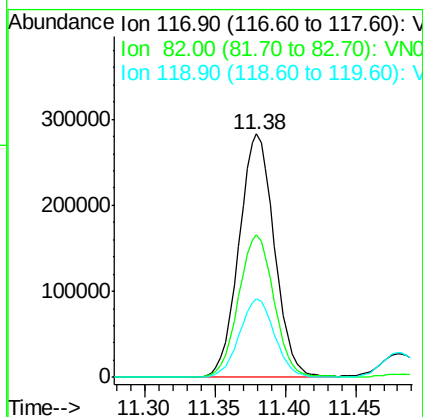
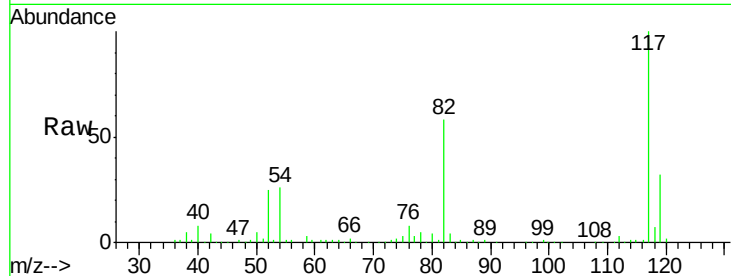
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN064658.D
Acq: 16 Nov 2020 13:15

Instrument :
MSVOA_N
ClientSampleId :
VN1116WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	497555		
82	58.5		48.1	72.1
119	32.3		26.2	39.4

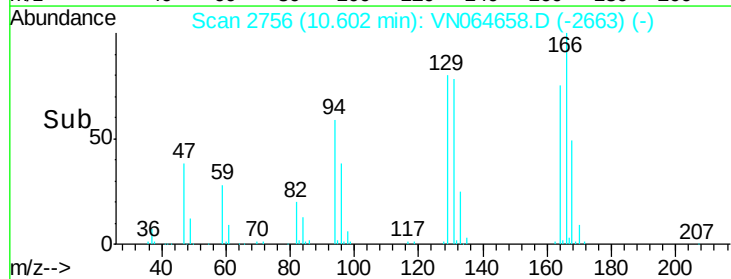
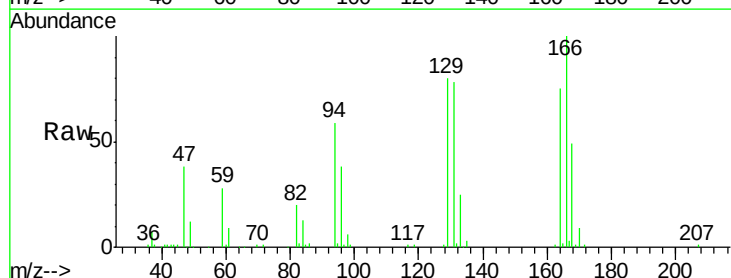
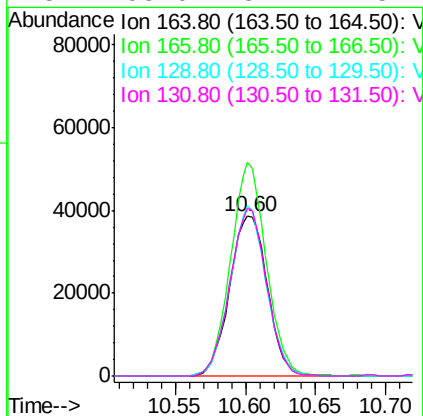
Manual Integrations
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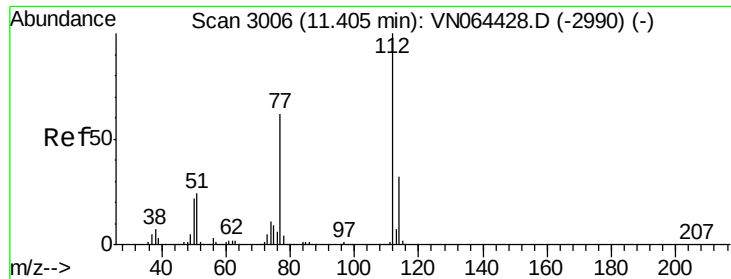
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#64
Tetrachloroethene
Concen: 18.823 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. -0.00 min
Lab File: VN064658.D
Acq: 16 Nov 2020 13:15

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	72143		
166	133.9		98.2	147.2
129	106.6		84.6	127.0
131	105.0		82.2	123.2





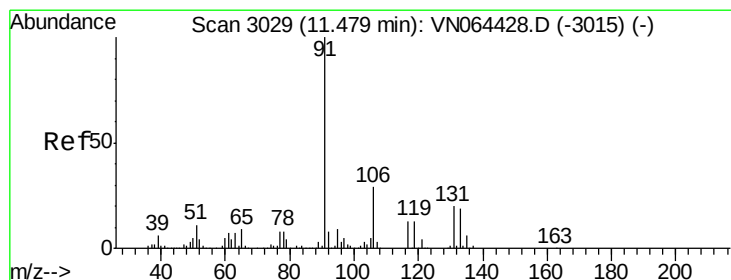
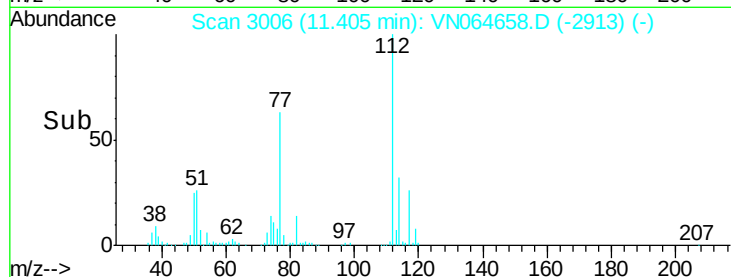
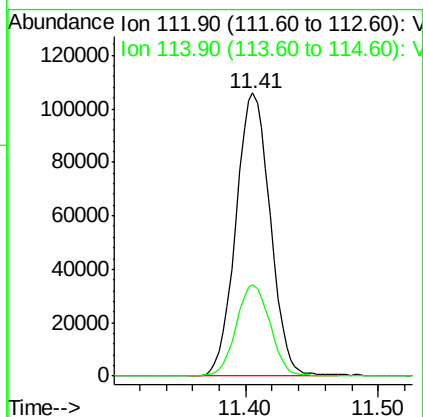
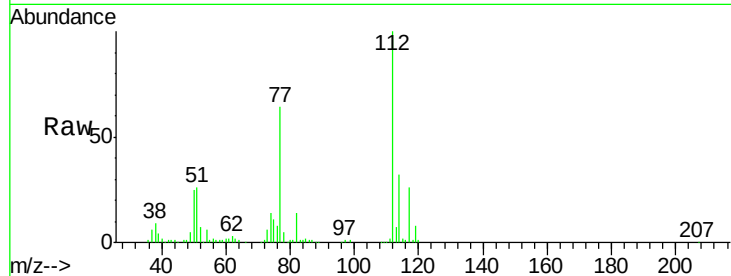
#65
Chlorobenzene
Concen: 17.490 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. -0.00 min
Lab File: VN064658.D
Acq: 16 Nov 2020 13:15

Instrument :
MSVOA_N
ClientSampleId :
VN1116WBSD01

Tot Ion:112 Resp: 190773
Ion Ratio Lower Upper
112 100
114 32.3 25.6 38.4

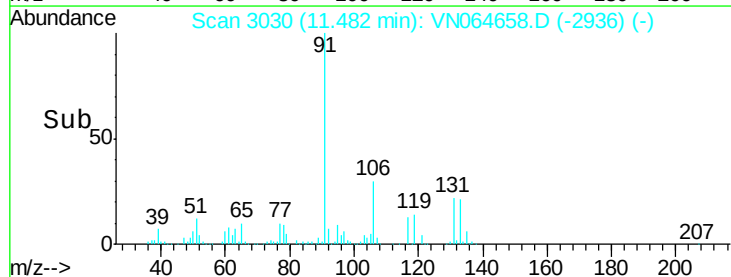
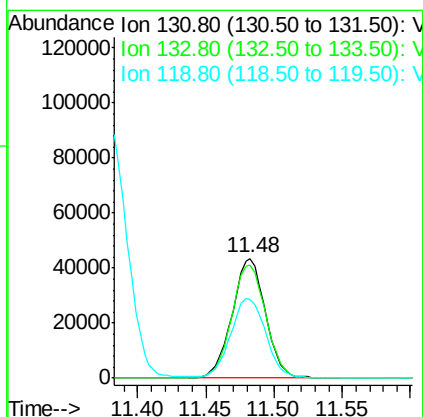
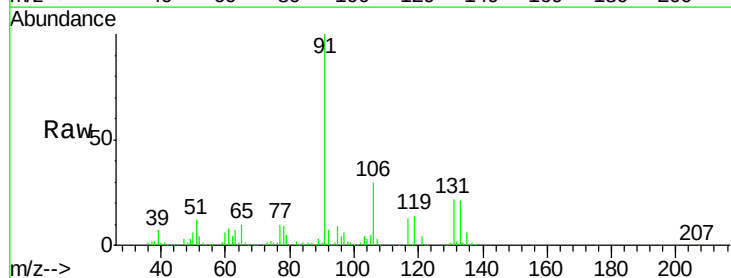
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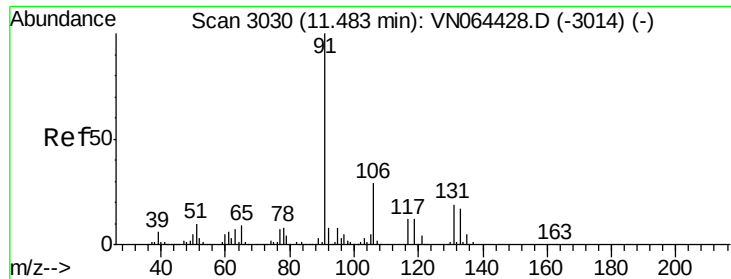
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#66
1,1,1,2-Tetrachloroethane
Concen: 18.140 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN064658.D
Acq: 16 Nov 2020 13:15

Tgt Ion:131 Resp: 73816
Ion Ratio Lower Upper
131 100
133 96.9 46.9 140.7
119 70.1 32.1 96.5





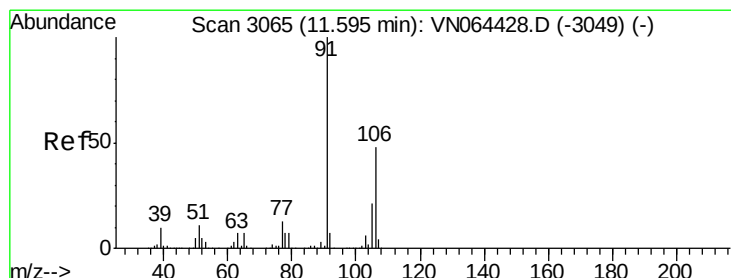
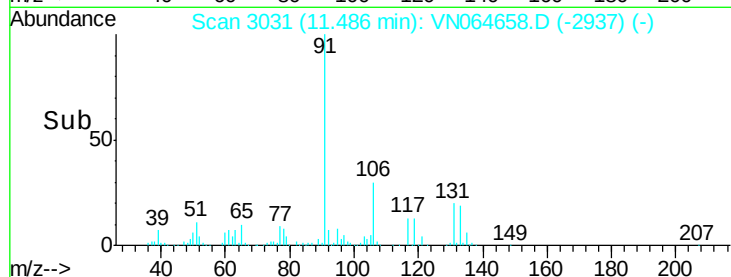
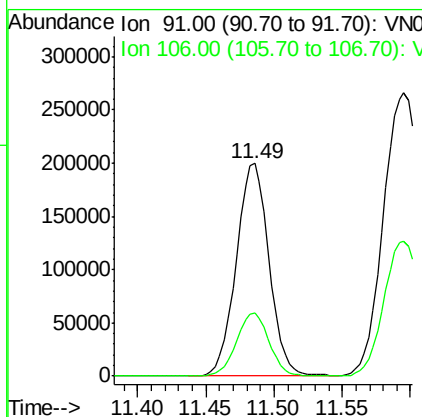
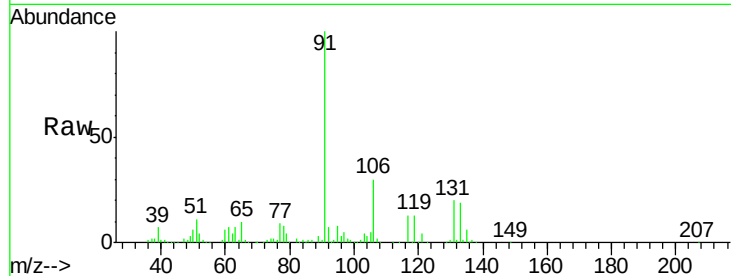
#67
Ethyl Benzene
Concen: 17.178 ug/l
RT: 11.49 min Scan# 3031
Delta R.T. 0.00 min
Lab File: VN064658.D
Acq: 16 Nov 2020 13:15

Instrument :
MSVOA_N
ClientSampleId :
VN1116WBSD01

Tot Ion: 91 Resp: 333286
Ion Ratio Lower Upper
91 100
106 29.7 23.6 35.4

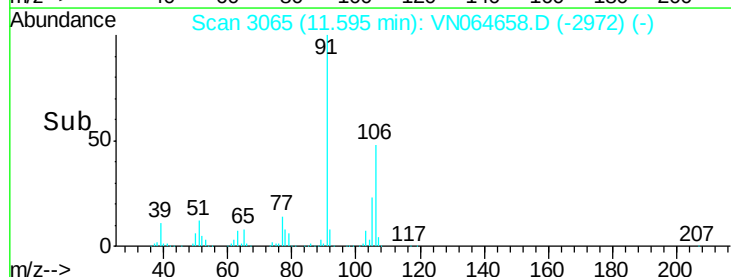
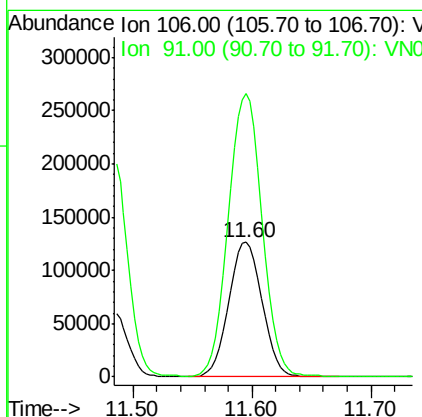
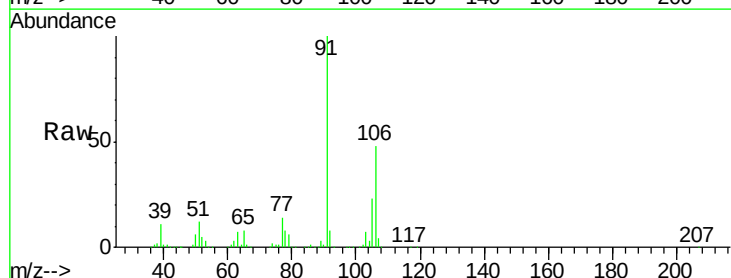
Manual Integrations
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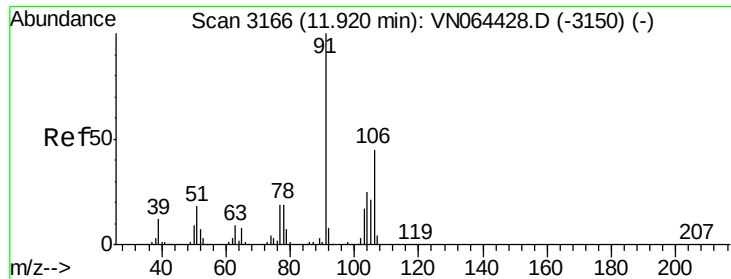
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#68
m/p-Xylenes
Concen: 34.864 ug/l
RT: 11.60 min Scan# 3065
Delta R.T. -0.00 min
Lab File: VN064658.D
Acq: 16 Nov 2020 13:15

Tgt Ion: 106 Resp: 245311
Ion Ratio Lower Upper
106 100
91 212.8 169.4 254.2





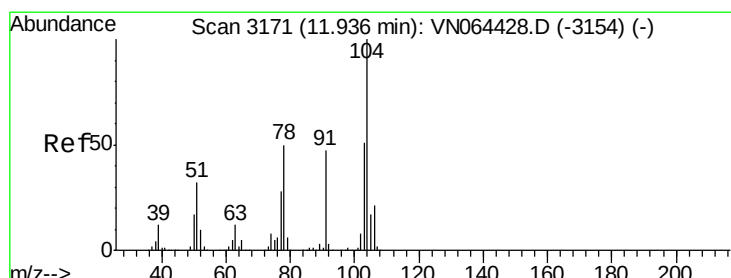
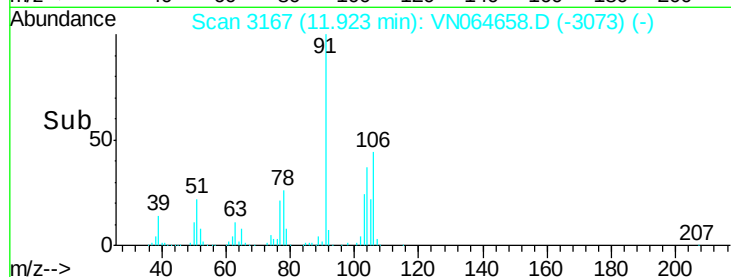
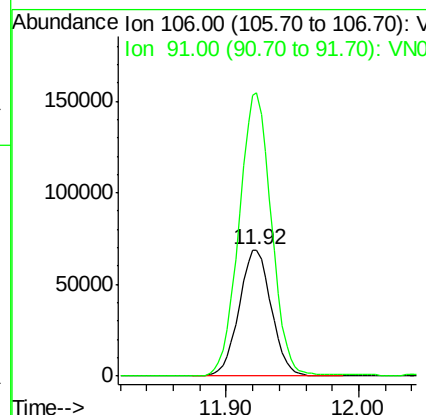
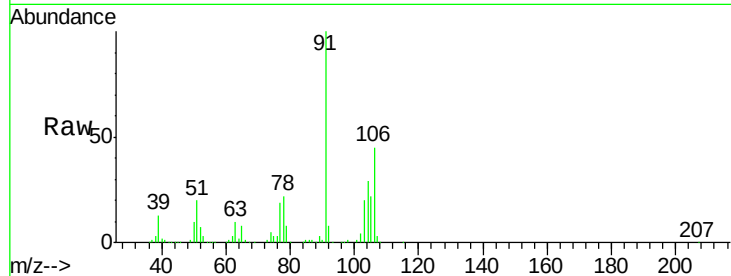
#69
o-Xylene
Concen: 17.113 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN064658.D
Acq: 16 Nov 2020 13:15

Instrument :
MSVOA_N
ClientSampleId :
VN1116WBSD01

Tot Ion:106 Resp: 116354
Ion Ratio Lower Upper
106 100
91 225.7 111.7 334.9

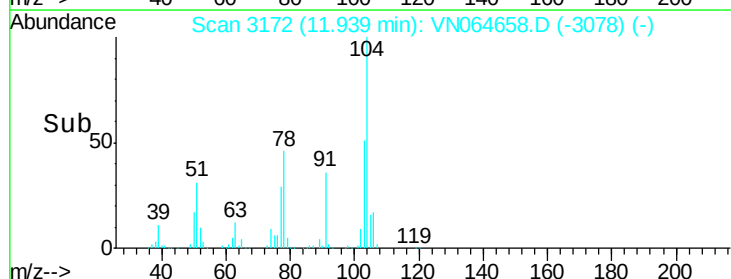
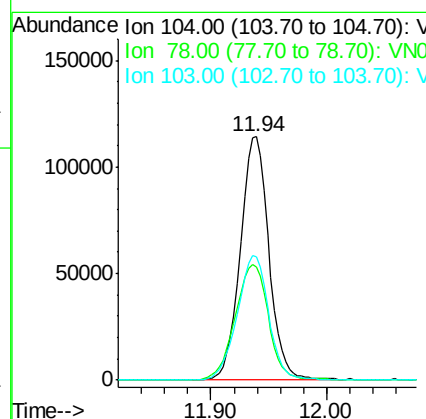
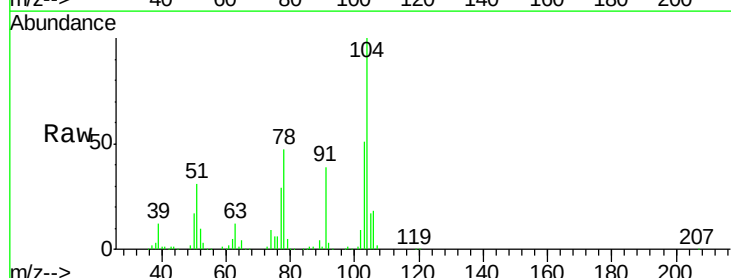
Manual Integrations
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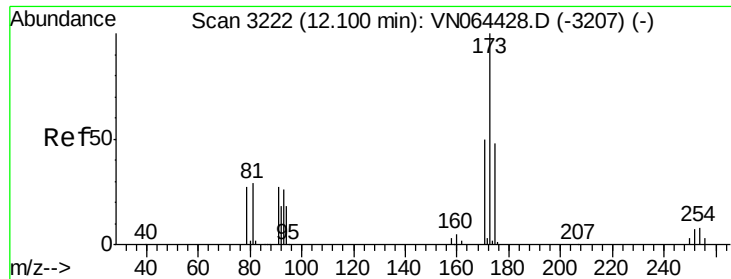
MMDadoda
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#70
Styrene
Concen: 17.085 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. 0.00 min
Lab File: VN064658.D
Acq: 16 Nov 2020 13:15

Tgt Ion:104 Resp: 195478
Ion Ratio Lower Upper
104 100
78 55.4 44.0 66.0
103 56.2 43.8 65.6





#71

Bromoform

Concen: 18.301 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. 0.00 min

Lab File: VN064658.D

Acq: 16 Nov 2020 13:15

Instrument :

MSVOA_N

ClientSampleId :

VN1116WBSD01

Tot Ion:173 Resp: 53382

Ion Ratio Lower Upper

173 100

175 51.5 23.7 71.1

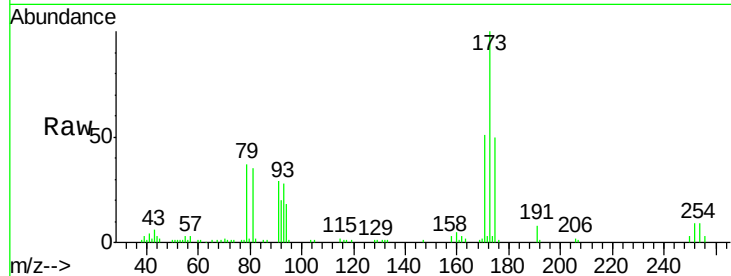
254 0.0 0.0 0.0

Manual Integrations

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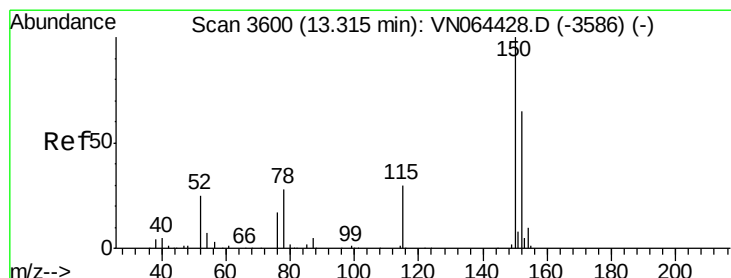
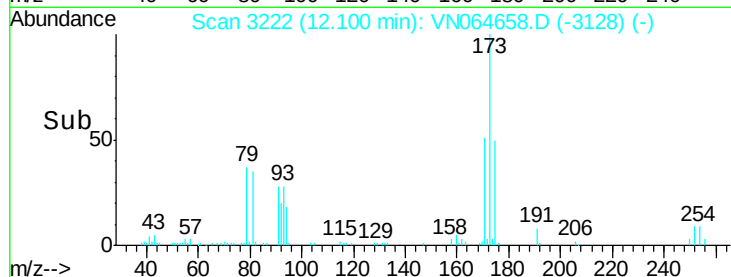
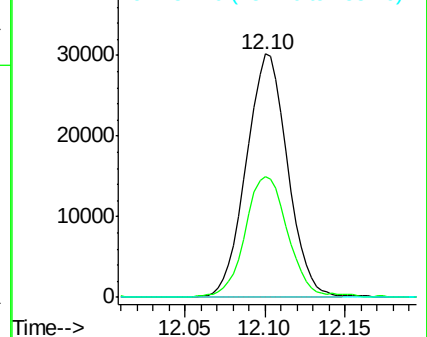
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Abundance Ion 172.70 (172.40 to 173.40): V

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# 3601

Delta R.T. 0.00 min

Lab File: VN064658.D

Acq: 16 Nov 2020 13:15

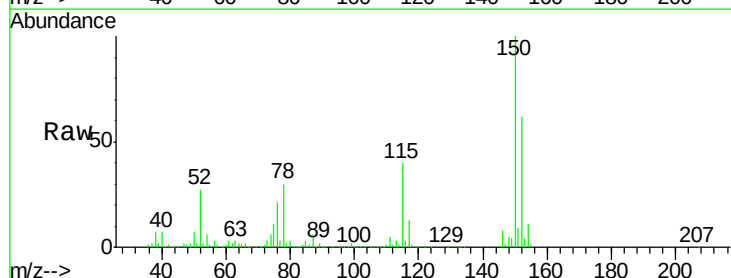
Tgt Ion:152 Resp: 223584

Ion Ratio Lower Upper

152 100

115 65.2 32.0 96.0

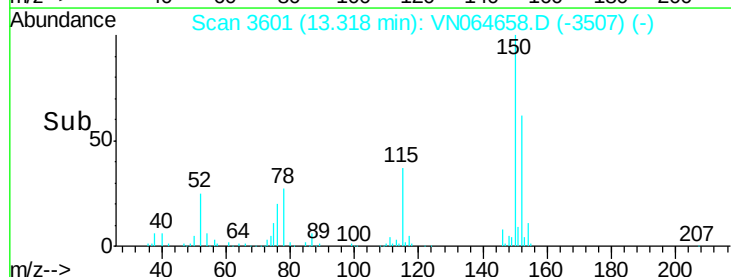
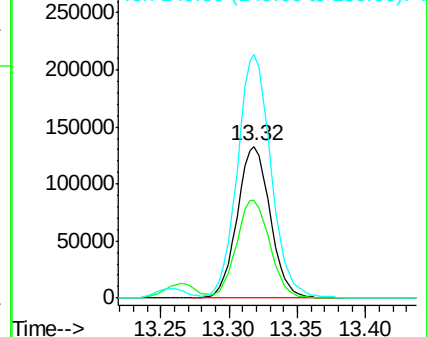
150 163.2 0.0 353.8

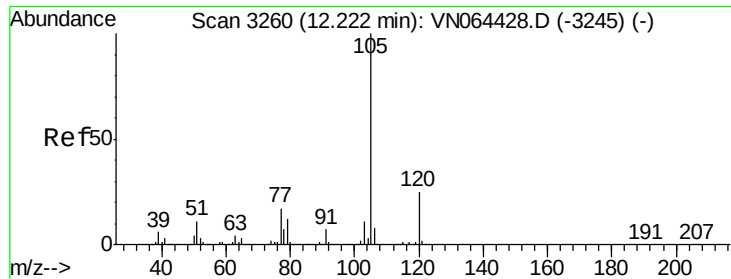


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 17.490 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. -0.00 min

Lab File: VN064658.D

Acq: 16 Nov 2020 13:15

Instrument :

MSVOA_N

ClientSampleId :

VN1116WBSD01

Tot Ion: 105 Resp: 310814

Ion Ratio Lower Upper

105 100

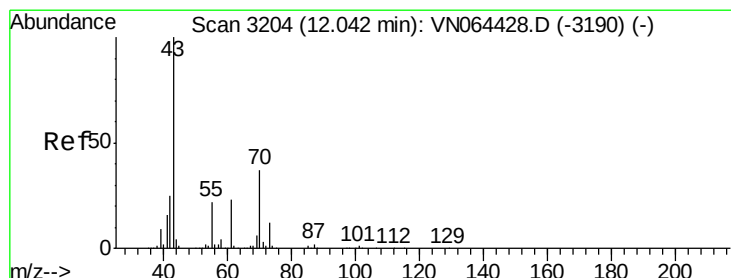
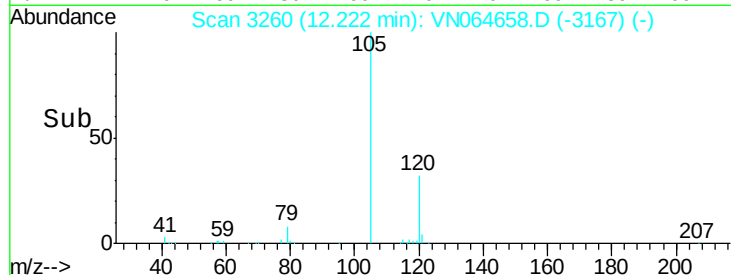
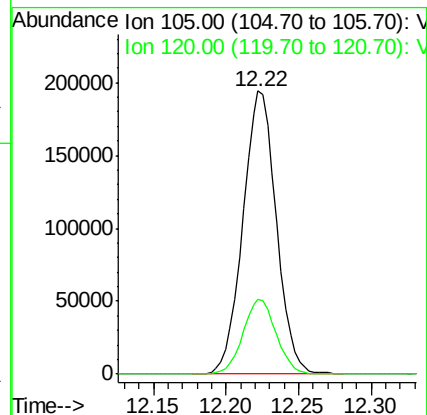
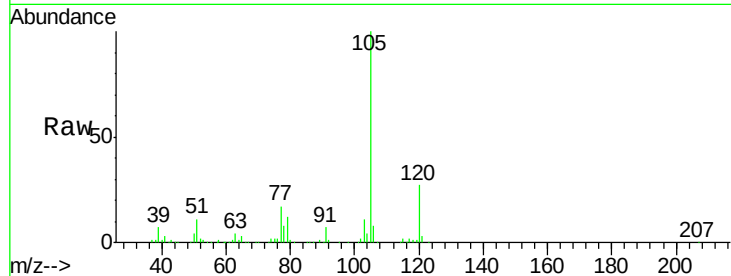
120 26.2 12.8 38.3

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#74

N-ethyl acetate

Concen: 15.543 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. 0.00 min

Lab File: VN064658.D

Acq: 16 Nov 2020 13:15

Tgt Ion: 43 Resp: 126575

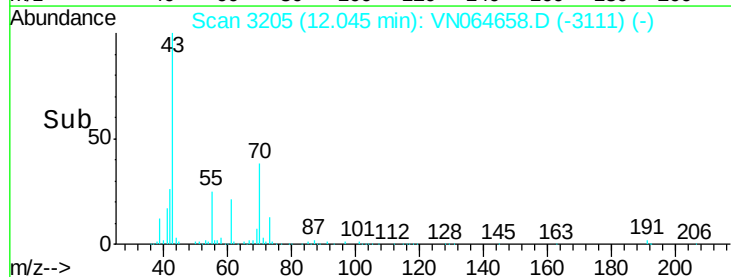
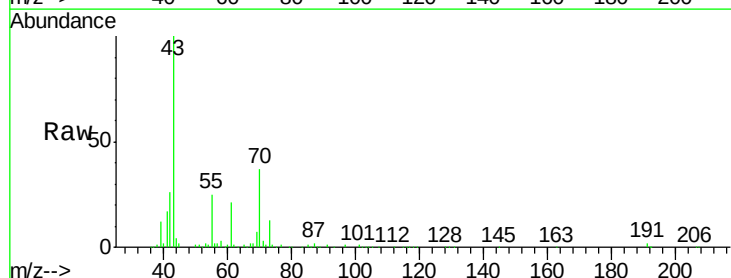
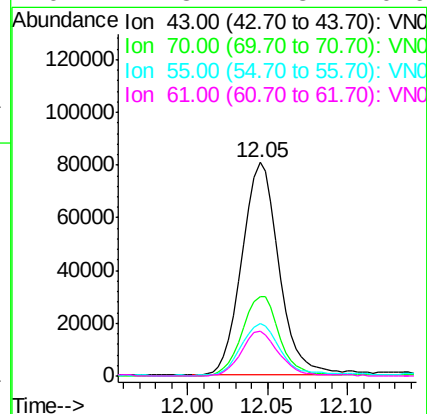
Ion Ratio Lower Upper

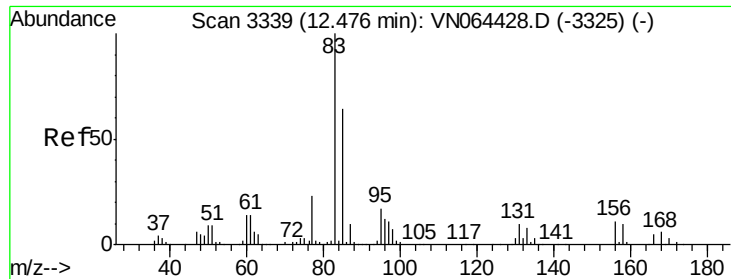
43 100

70 38.3 29.6 44.4

55 25.9 18.4 27.6

61 21.8 17.8 26.6





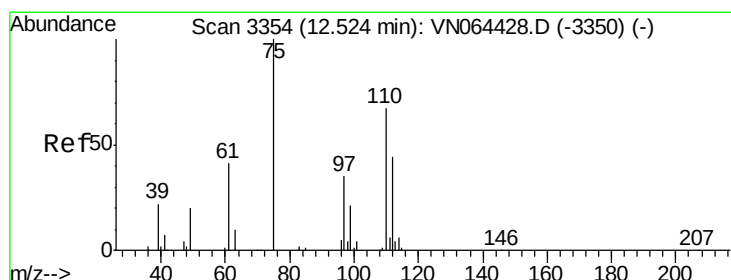
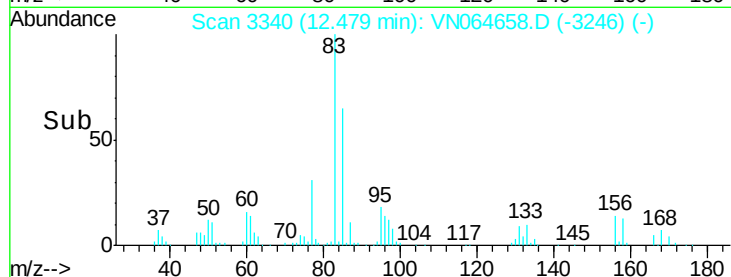
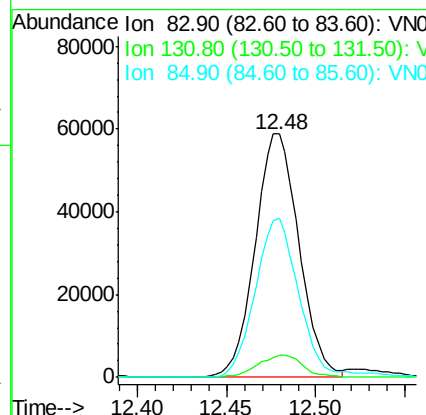
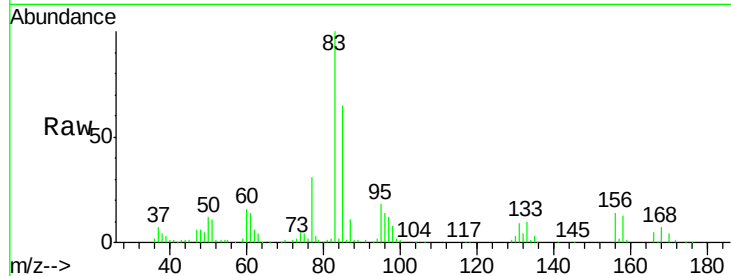
#75
 1,1,2,2-Tetrachloroethane
 Concen: 18.520 ug/l
 RT: 12.48 min Scan# 3340
 Delta R.T. 0.00 min
 Lab File: VN064658.D
 Acq: 16 Nov 2020 13:15

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1116WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
131	9.6	4.9	14.7	
85	65.7	32.1	96.5	

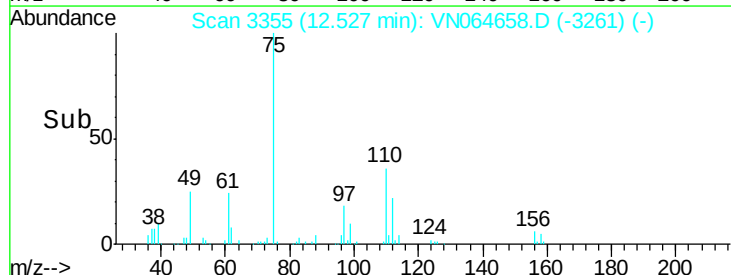
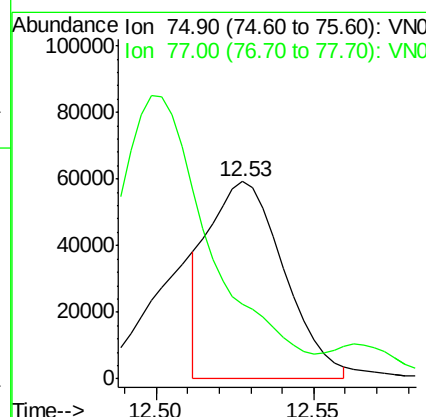
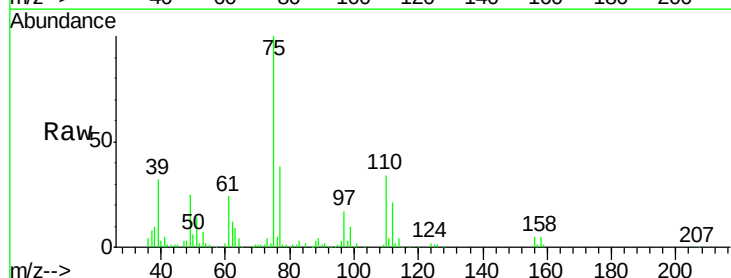
Manual Integrations
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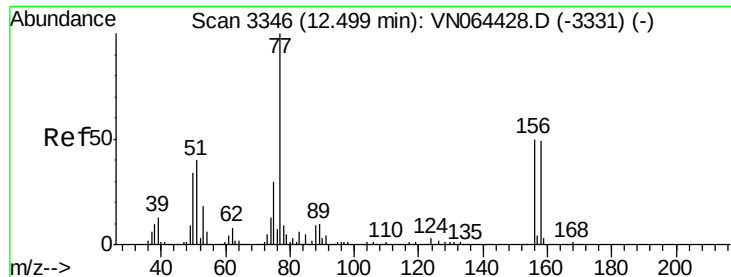
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#76
 1,2,3-Trichloropropane
 Concen: 18.206 ug/l m
 RT: 12.53 min Scan# 3355
 Delta R.T. 0.00 min
 Lab File: VN064658.D
 Acq: 16 Nov 2020 13:15

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





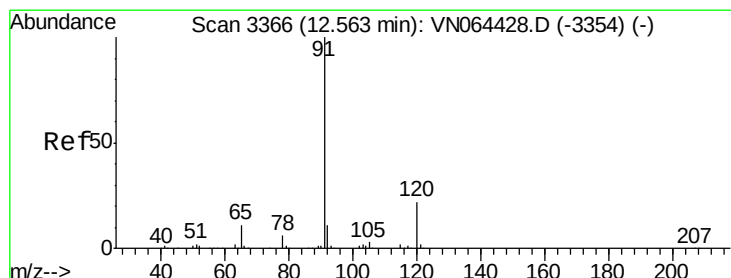
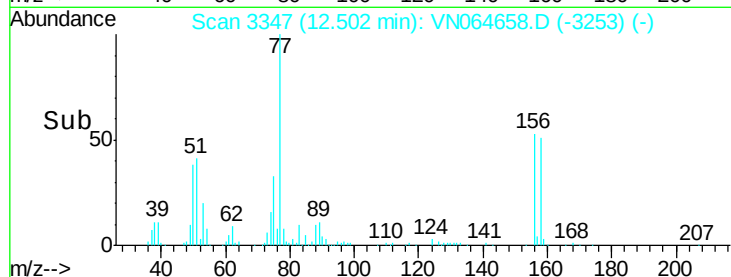
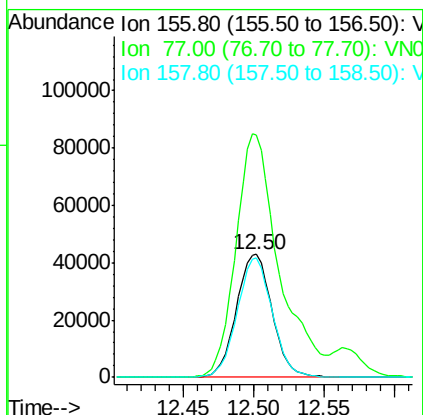
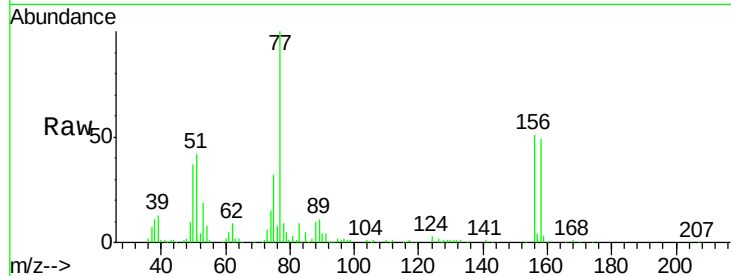
#77
Bromobenzene
Concen: 17.581 ug/l
RT: 12.50 min Scan# 3347
Delta R.T. 0.00 min
Lab File: VN064658.D
Acq: 16 Nov 2020 13:15

Instrument :
MSVOA_N
ClientSampleId :
VN1116WBSD01

Tot Ion:156 Resp: 76280
Ion Ratio Lower Upper
156 100
77 236.4 119.0 357.0
158 95.7 48.4 145.3

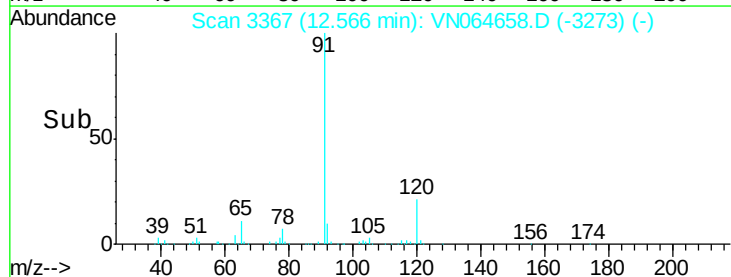
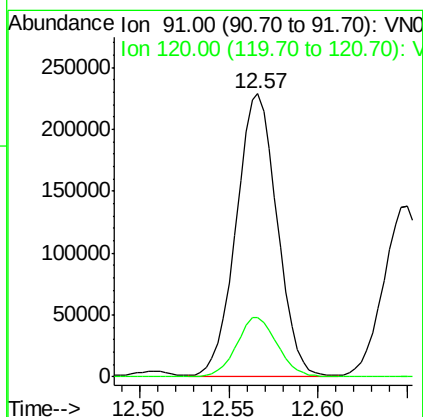
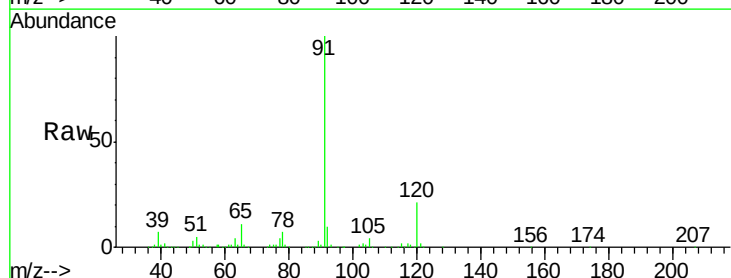
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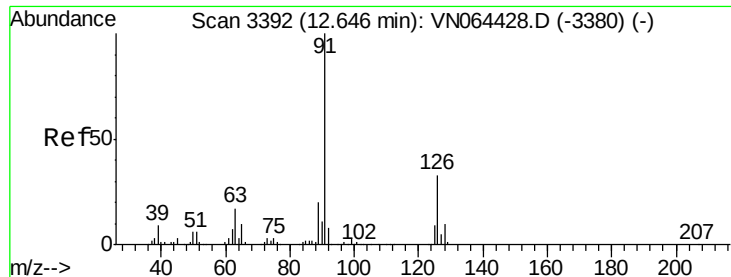
MMDadoda
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#78
n-propylbenzene
Concen: 18.148 ug/l
RT: 12.57 min Scan# 3367
Delta R.T. 0.00 min
Lab File: VN064658.D
Acq: 16 Nov 2020 13:15

Tgt Ion: 91 Resp: 367695
Ion Ratio Lower Upper
91 100
120 20.9 11.0 33.0





#79

2-Chlorotoluene

Concen: 17.795 ug/l

RT: 12.65 min Scan# 3393

Delta R.T. 0.00 min

Lab File: VN064658.D

Acq: 16 Nov 2020 13:15

Instrument :

MSVOA_N

ClientSampleId :

VN1116WBSD01

Tot Ion: 91 Resp: 228664

Ion Ratio Lower Upper

91 100

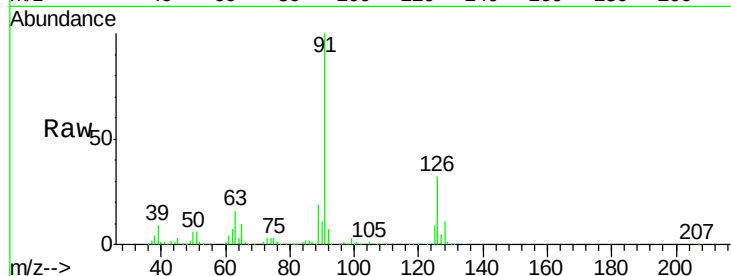
126 32.0 16.4 49.1

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VN064428.D (-3380) (-)

Ion 125.90 (125.60 to 126.60): VN064428.D (-3380) (-)

12.65

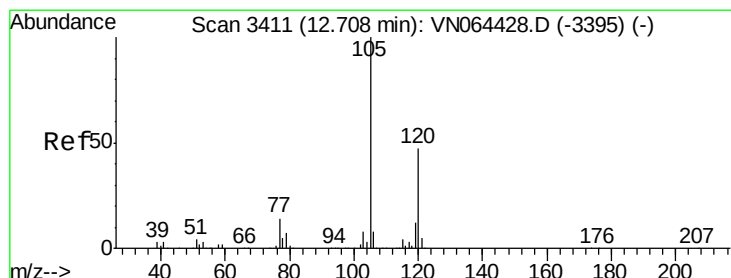
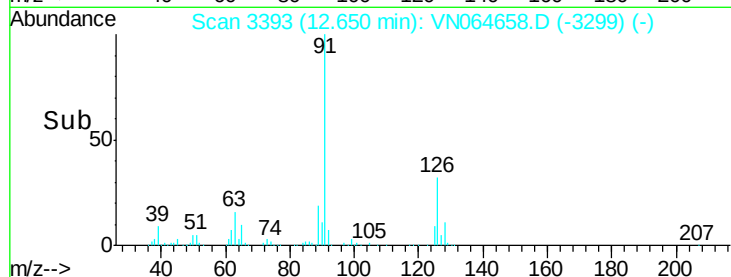
150000

100000

50000

0

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 17.742 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. -0.00 min

Lab File: VN064658.D

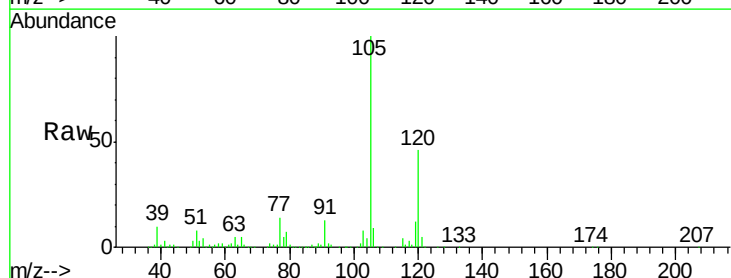
Acq: 16 Nov 2020 13:15

Tgt Ion: 105 Resp: 260115

Ion Ratio Lower Upper

105 100

120 46.3 23.4 70.2



Abundance Ion 105.00 (104.70 to 105.70): VN064428.D (-3395) (-)

Ion 120.00 (119.70 to 120.70): VN064428.D (-3395) (-)

12.71

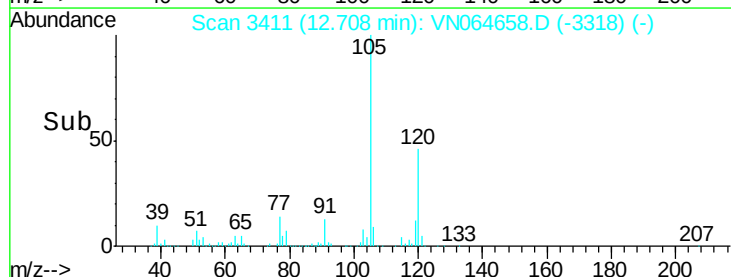
150000

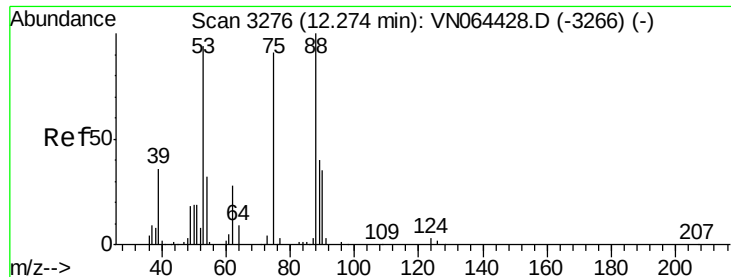
100000

50000

0

Time-->





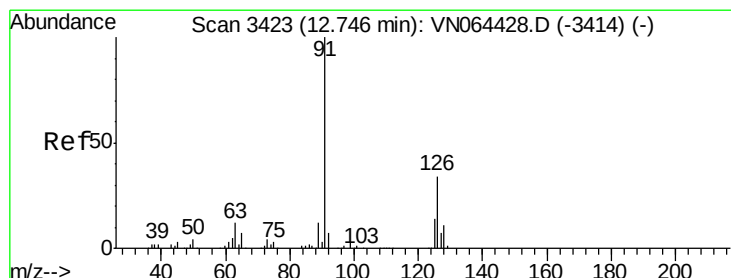
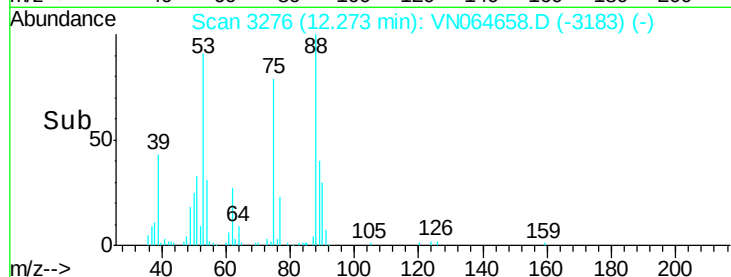
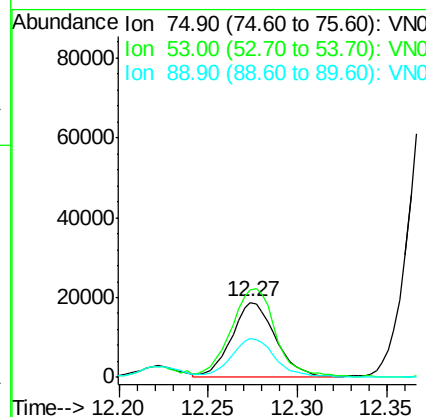
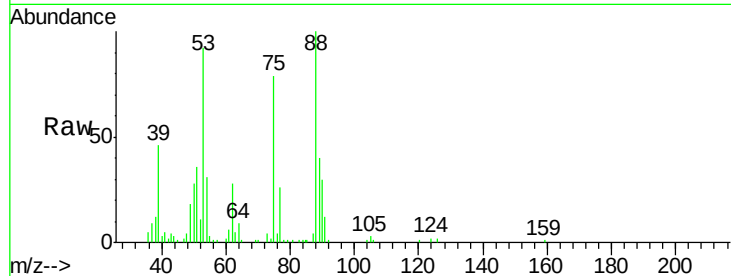
#81
trans-1,4-Dichloro-2-butene
Concen: 16.174 ug/l
RT: 12.27 min Scan# 3276
Delta R.T. -0.00 min
Lab File: VN064658.D
Acq: 16 Nov 2020 13:15

Instrument :
MSVOA_N
ClientSampleId :
VN1116WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
53	121.8	84.0	126.0
89	52.4	36.3	54.5

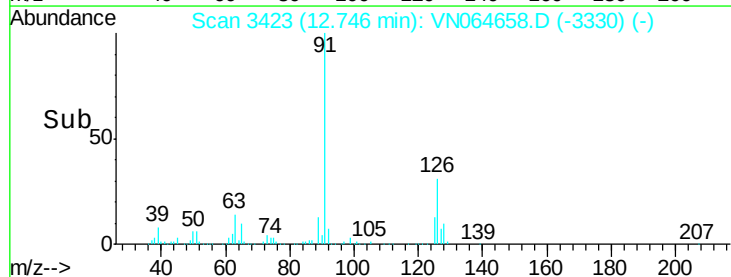
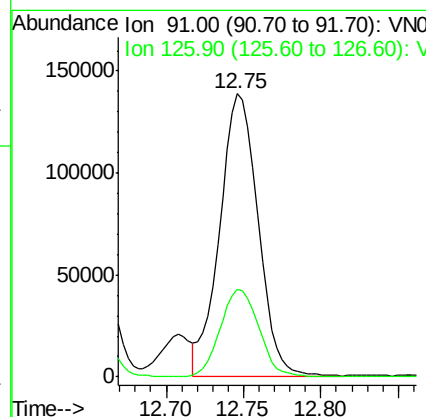
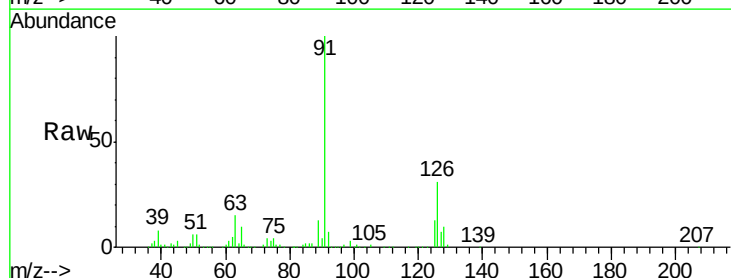
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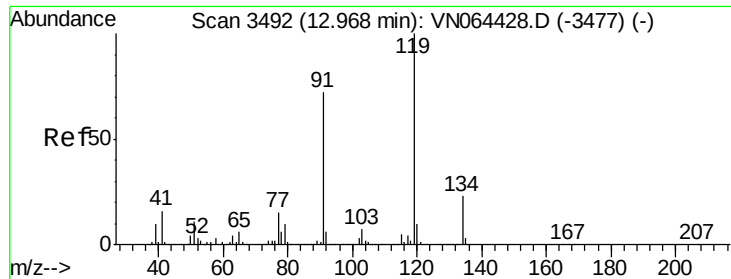
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#82
4-Chlorotoluene
Concen: 17.635 ug/l
RT: 12.75 min Scan# 3423
Delta R.T. -0.00 min
Lab File: VN064658.D
Acq: 16 Nov 2020 13:15

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.0	15.4	46.2





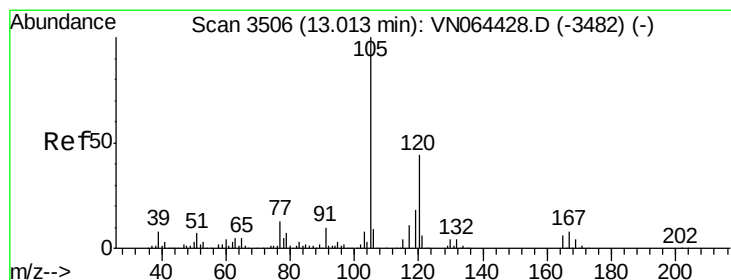
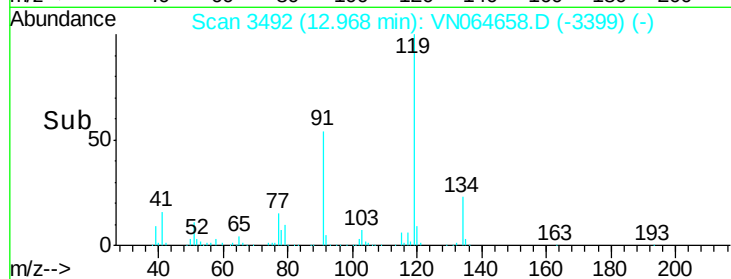
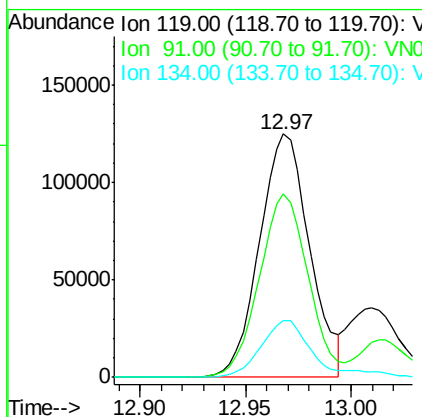
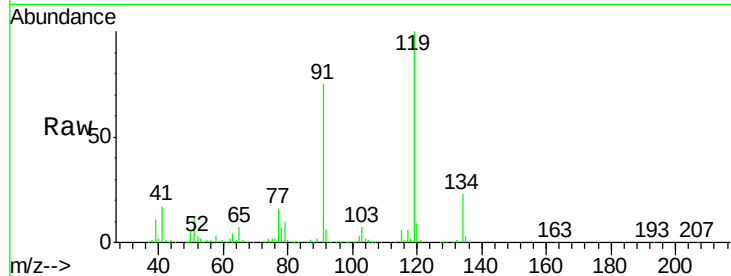
#83
 tert-Butylbenzene
 Concen: 18.053 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. -0.00 min
 Lab File: VN064658.D
 Acq: 16 Nov 2020 13:15

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1116WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	206708		
91	73.3	36.1	108.3	
134	24.5	11.7	35.1	

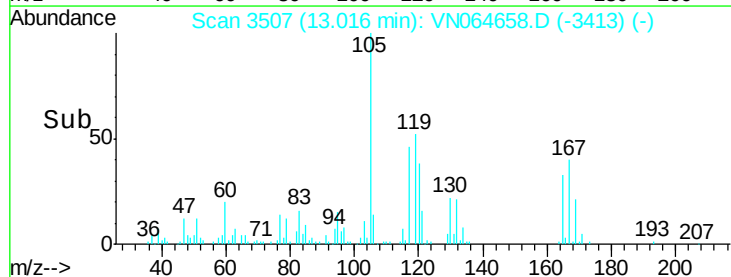
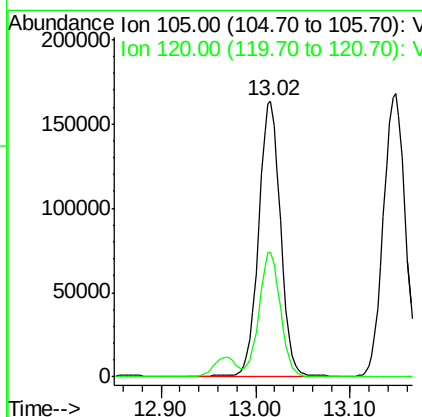
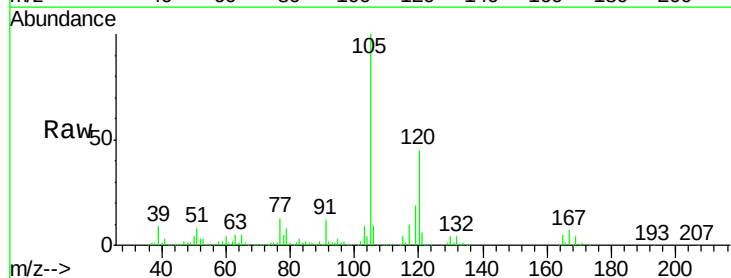
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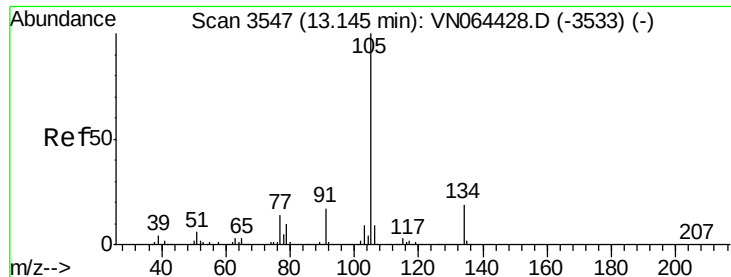
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#84
 1,2,4-Trimethylbenzene
 Concen: 17.870 ug/l
 RT: 13.02 min Scan# 3507
 Delta R.T. 0.00 min
 Lab File: VN064658.D
 Acq: 16 Nov 2020 13:15

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	263362		
120	43.5	21.9	65.7	





#85

sec-Butylbenzene

Concen: 18.742 ug/l

RT: 13.15 min Scan# 3548

Delta R.T. 0.00 min

Lab File: VN064658.D

Acq: 16 Nov 2020 13:15

Instrument :

MSVOA_N

ClientSampleId :

VN1116WBSD01

Tot Ion:105 Resp: 271791

Ion Ratio Lower Upper

105 100

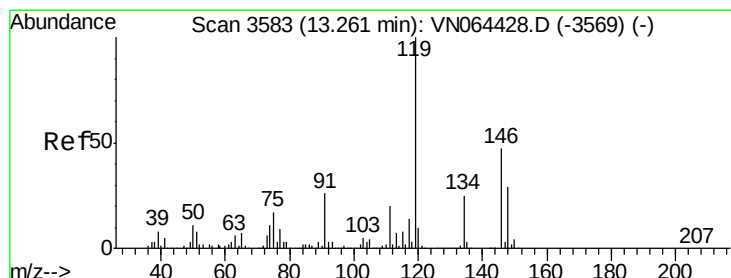
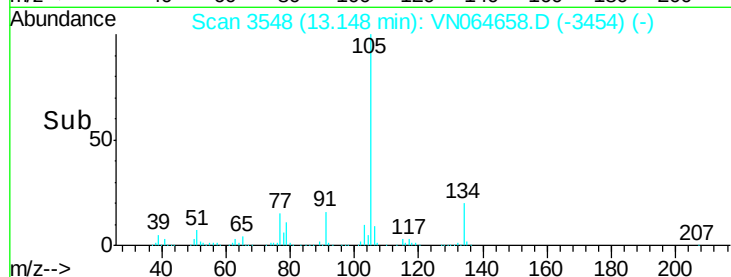
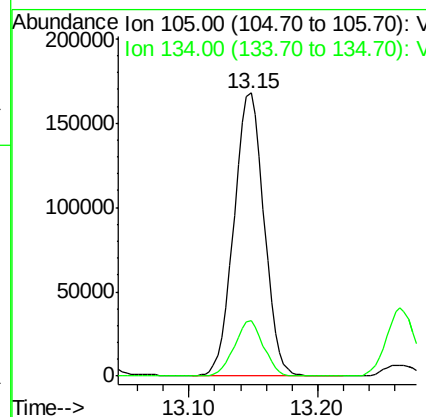
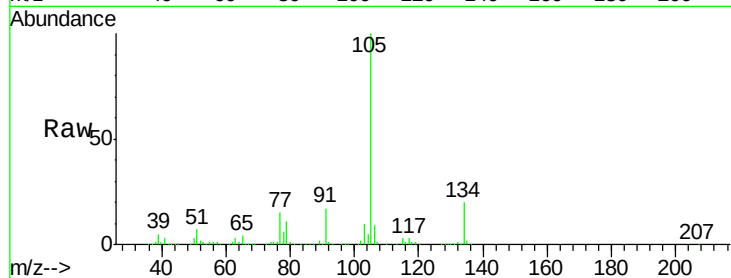
134 18.9 9.4 28.2

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#86

p-Isopropyltoluene

Concen: 18.453 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. 0.00 min

Lab File: VN064658.D

Acq: 16 Nov 2020 13:15

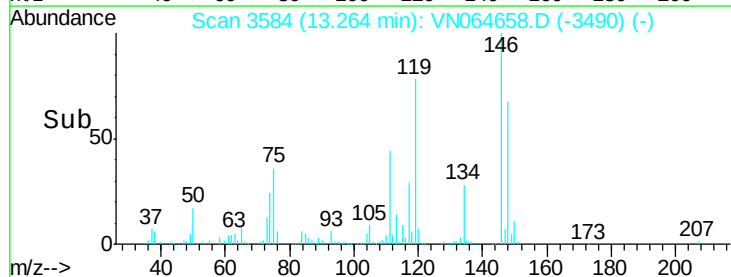
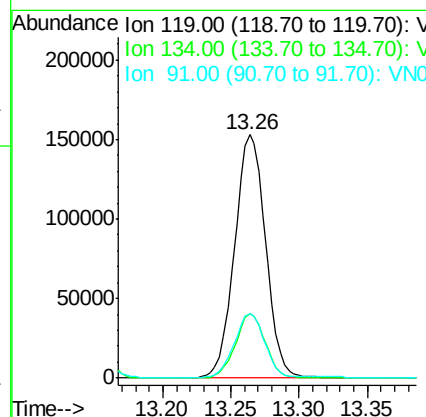
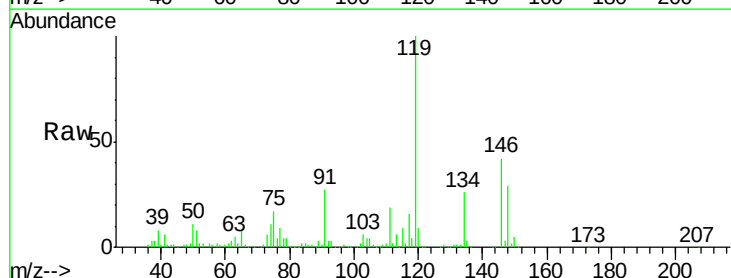
Tgt Ion:119 Resp: 240692

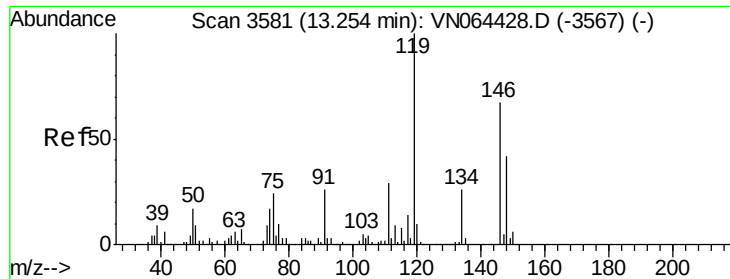
Ion Ratio Lower Upper

119 100

134 25.8 12.6 37.6

91 25.8 12.8 38.3





#87

1,3-Dichlorobenzene

Concen: 17.337 ug/l

RT: 13.26 min Scan# 3582

Delta R.T. 0.00 min

Lab File: VN064658.D

Acq: 16 Nov 2020 13:15

Instrument :

MSVOA_N

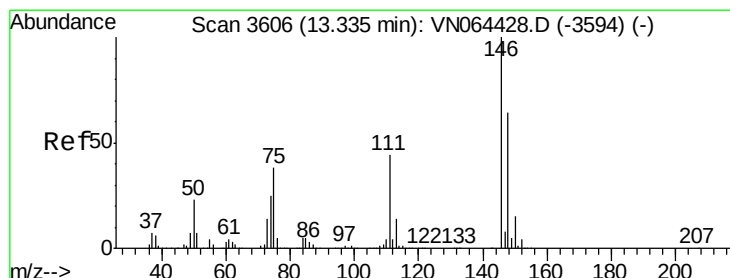
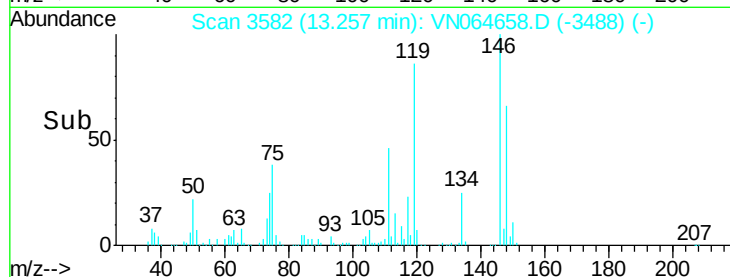
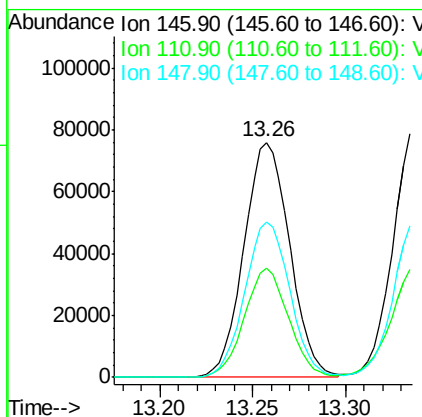
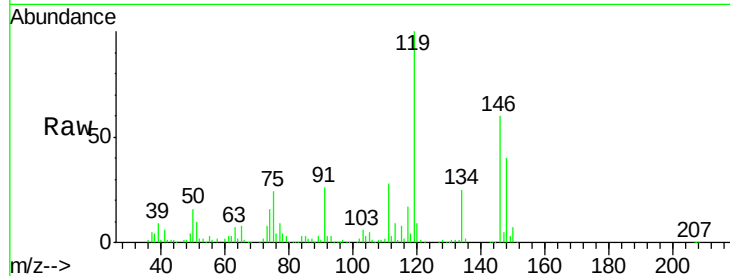
ClientSampleId :

VN1116WBSD01

Tot Ion:	146	Resp:	130027
Ion Ratio	Lower	Upper	
146	100		
111	44.8	22.1	66.1
148	65.4	31.7	95.1

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#88

1,4-Dichlorobenzene

Concen: 17.301 ug/l

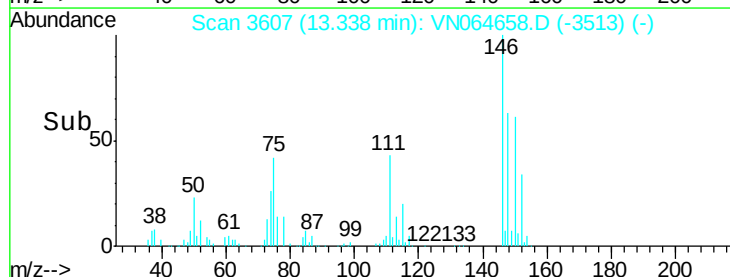
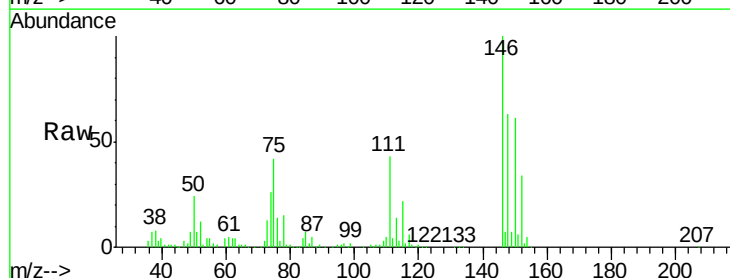
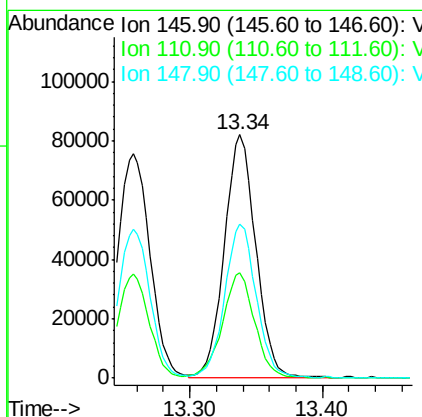
RT: 13.34 min Scan# 3607

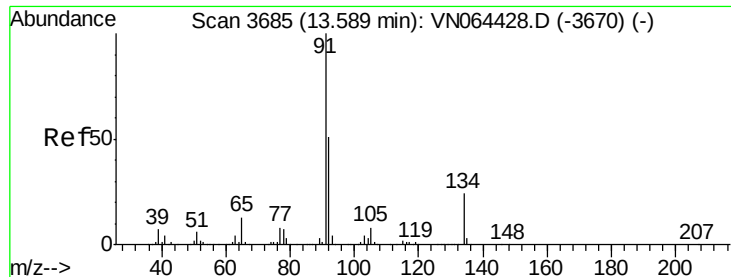
Delta R.T. 0.00 min

Lab File: VN064658.D

Acq: 16 Nov 2020 13:15

Tgt Ion:	146	Resp:	134095
Ion Ratio	Lower	Upper	
146	100		
111	44.2	21.8	65.3
148	63.5	32.4	97.2





#89

n-Butylbenzene

Concen: 18.034 ug/l

RT: 13.59 min Scan# 3685

Delta R.T. -0.00 min

Lab File: VN064658.D

Acq: 16 Nov 2020 13:15

Instrument :

MSVOA_N

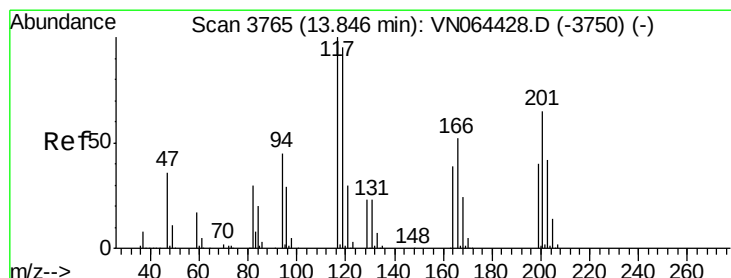
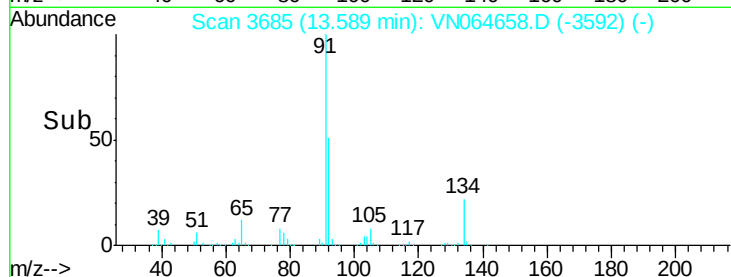
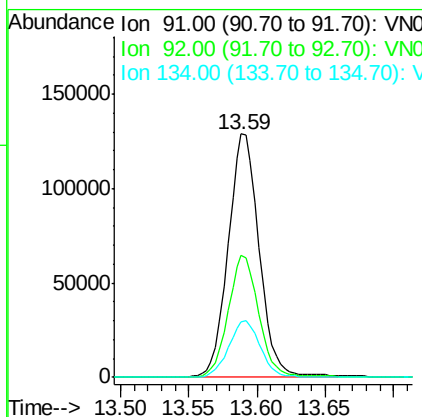
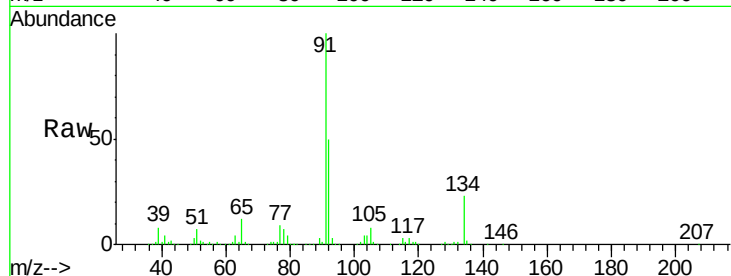
ClientSampleId :

VN1116WBSD01

Tot Ion:	91	Resp:	202250
Ion Ratio	Lower	Upper	
91	100		
92	49.6	25.3	75.9
134	23.9	11.8	35.4

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#90

Hexachloroethane

Concen: 19.463 ug/l

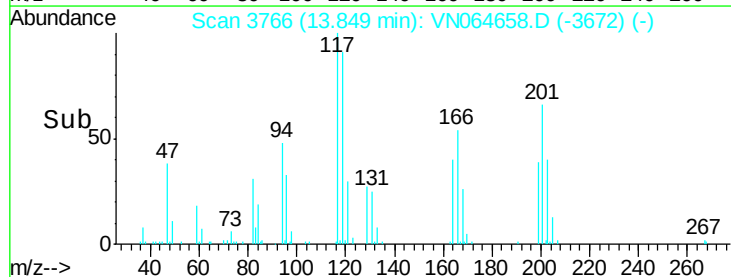
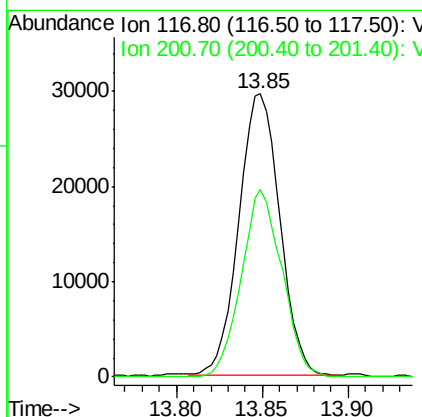
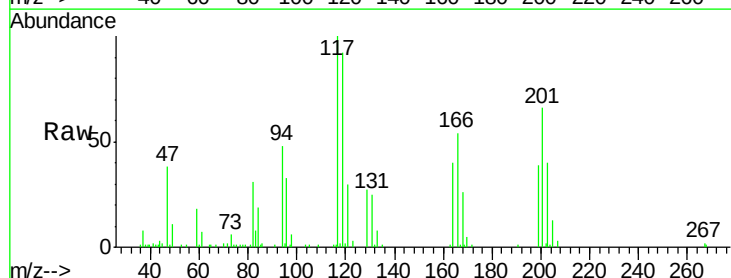
RT: 13.85 min Scan# 3766

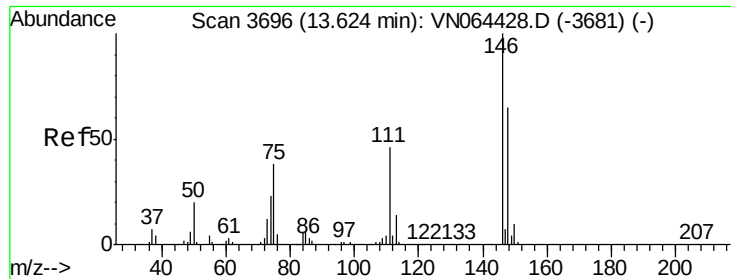
Delta R.T. 0.00 min

Lab File: VN064658.D

Acq: 16 Nov 2020 13:15

Tgt Ion:	117	Resp:	48973
Ion Ratio	Lower	Upper	
117	100		
201	65.9	32.5	97.5





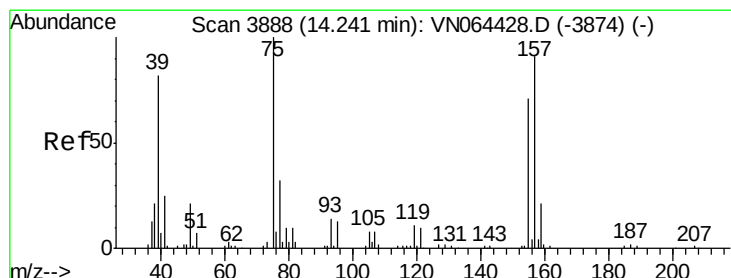
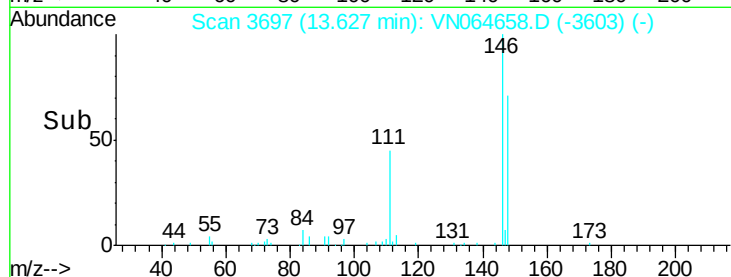
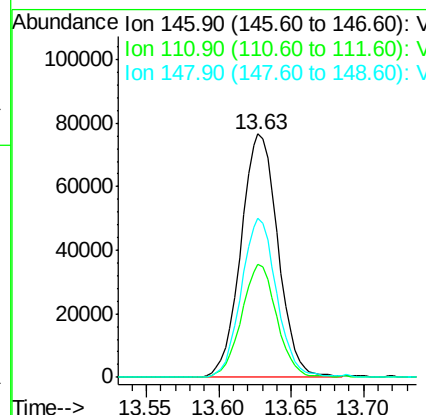
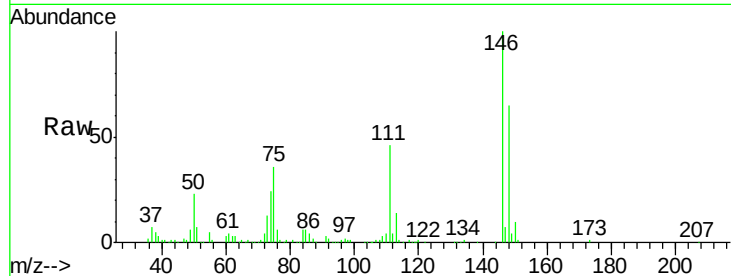
#91
 1,2-Dichlorobenzene
 Concen: 18.847 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN064658.D
 Acq: 16 Nov 2020 13:15

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1116WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.1	22.9	68.7
148	62.3	32.0	96.2

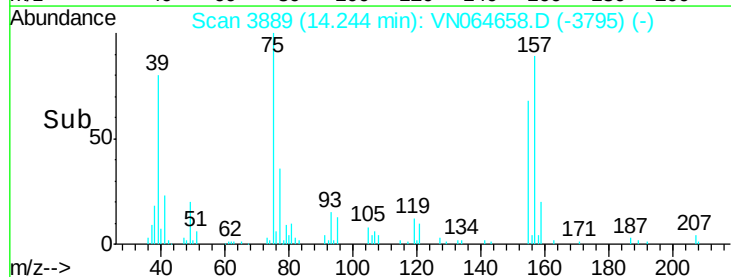
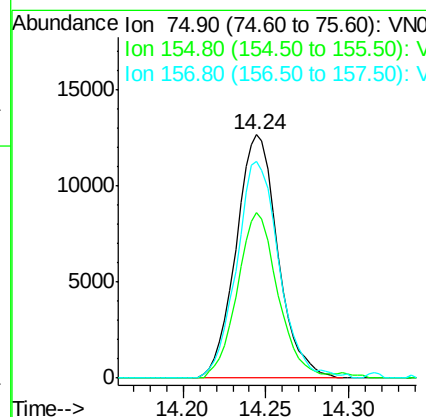
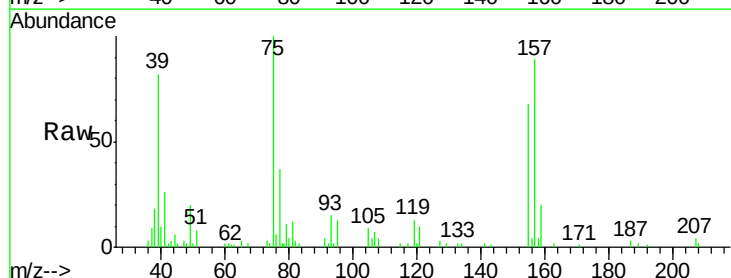
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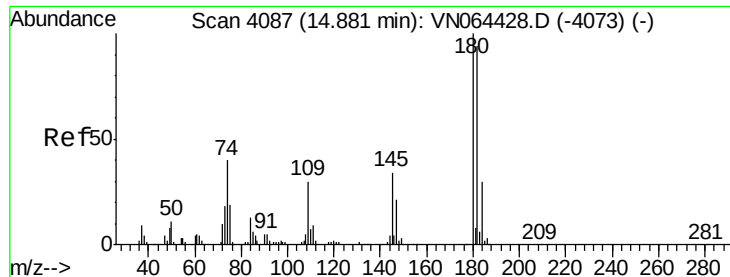
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.438 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN064658.D
 Acq: 16 Nov 2020 13:15

Tgt Ion	Ratio	Lower	Upper
75	100		
155	66.0	34.6	103.9
157	90.8	43.0	128.8





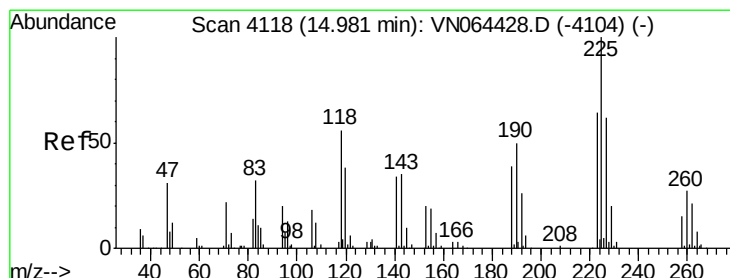
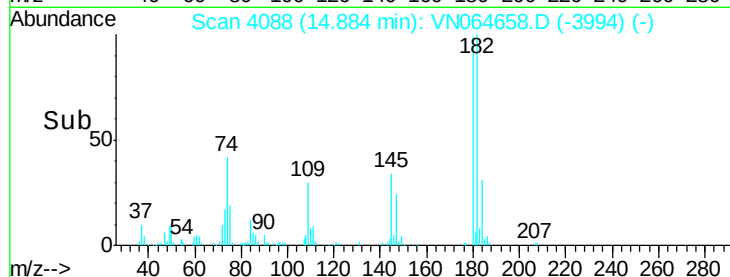
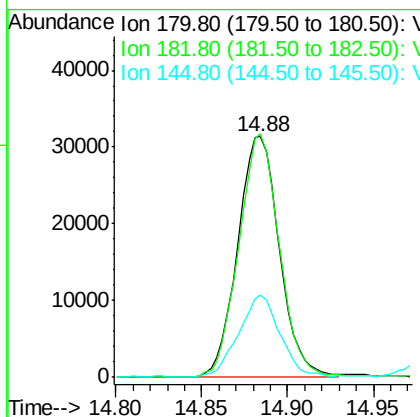
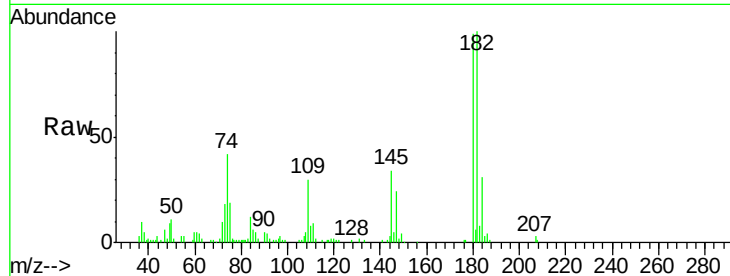
#93
 1,2,4-Trichlorobenzene
 Concen: 16.586 ug/l
 RT: 14.88 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN064658.D
 Acq: 16 Nov 2020 13:15

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1116WBSD01

Tot Ion	Ratio	Lower	Upper
180	100		
182	98.5	47.3	142.0
145	33.9	16.7	50.1

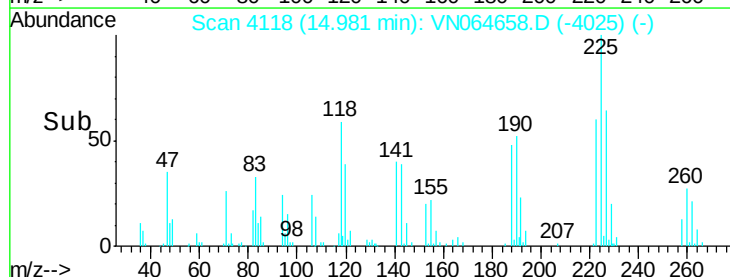
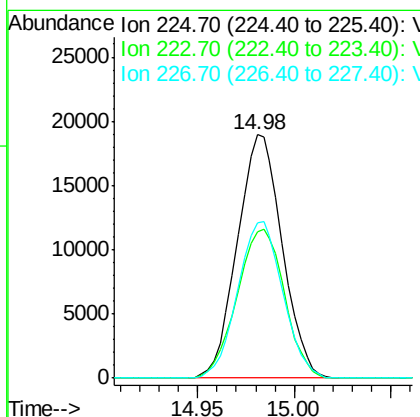
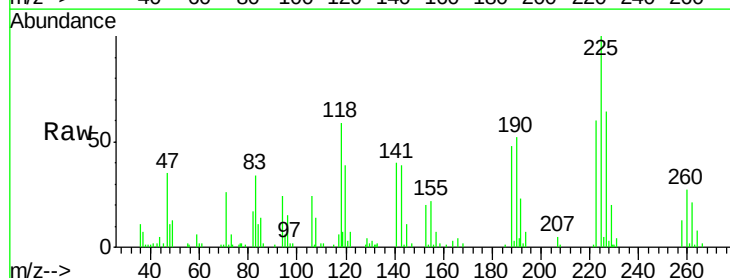
Manual Integrations
 APPROVED

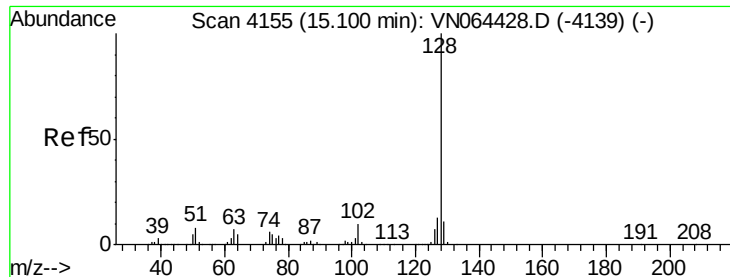
MMDadoda
 11/17/2020 7:02:08 PM



#94
 Hexachlorobutadiene
 Concen: 20.748 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. -0.00 min
 Lab File: VN064658.D
 Acq: 16 Nov 2020 13:15

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.5	31.8	95.4
227	64.7	31.8	95.4





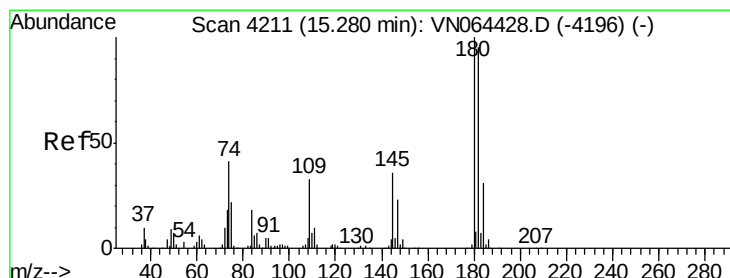
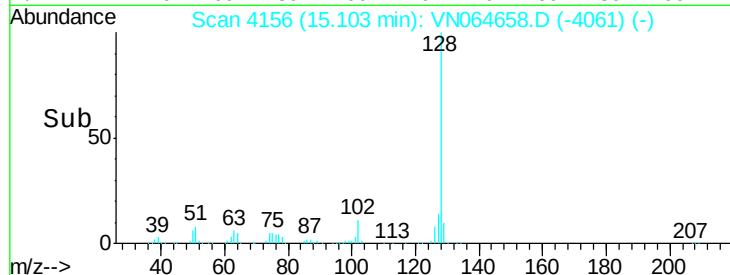
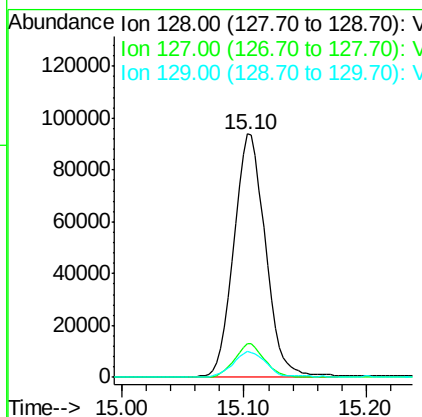
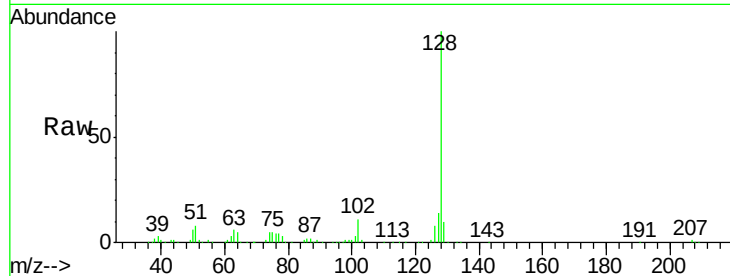
#95
Naphthalene
Concen: 16.439 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN064658.D
Acq: 16 Nov 2020 13:15

Instrument :
MSVOA_N
ClientSampleId :
VN1116WBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.5	15.7
129	10.9	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
11/17/2020 7:02:08 PM



#96
1,2,3-Trichlorobenzene
Concen: 18.012 ug/l
RT: 15.28 min Scan# 4212
Delta R.T. 0.00 min
Lab File: VN064658.D
Acq: 16 Nov 2020 13:15

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.5	47.7	143.1
145	35.1	18.3	54.8

