

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN072920\
 Data File : VN062646.D
 Acq On : 29 Jul 2020 11:44
 Operator : JC/MD
 Sample : VN0729WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0729WBS01

Manual Integrations
 APPROVED

MMDadoda
 7/30/2020 6:21:02 PM

Quant Time: Jul 30 03:43:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072120W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 18:48:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	150003	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	242345	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	224910	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	104735	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	114251	49.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.06%	
35) Dibromofluoromethane	7.54	113	78644	49.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.80%	
50) Toluene-d8	10.06	98	296895	46.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.48%	
62) 4-Bromofluorobenzene	12.38	95	109937	47.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.68%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.83	85	33850	18.918	ug/l	99
3) Chloromethane	2.03	50	36884	15.199	ug/l	98
4) Vinyl Chloride	2.16	62	34808	16.545	ug/l	97
5) Bromomethane	2.52	94	21520	23.095	ug/l	96
6) Chloroethane	2.67	64	20631	21.680	ug/l	98
7) Trichlorofluoromethane	2.98	101	56779	22.987	ug/l	97
8) Diethyl Ether	3.37	74	19535	16.912	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	3.72	101	30017	18.954	ug/l	97
10) Methyl Iodide	3.91	142	33100	16.348	ug/l	93
11) Tert butyl alcohol	4.73	59	30699	82.815	ug/l #	89
12) 1,1-Dichloroethene	3.70	96	28138	17.519	ug/l	96
13) Acrolein	3.56	56	25646m	72.537	ug/l	
14) Allyl chloride	4.27	41	52534	15.121	ug/l	92
15) Acrylonitrile	4.93	53	81013	81.593	ug/l	99
16) Acetone	3.77	43	78876	89.951	ug/l	97
17) Carbon Disulfide	4.01	76	82440	15.622	ug/l	99
18) Methyl Acetate	4.27	43	37048	16.689	ug/l	94
19) Methyl tert-butyl Ether	4.99	73	104487	17.675	ug/l	97
20) Methylene Chloride	4.50	84	35655	16.953	ug/l	88
21) trans-1,2-Dichloroethene	4.99	96	30003	16.831	ug/l	99
22) Diisopropyl ether	5.90	45	110451	15.994	ug/l	93
23) Vinyl Acetate	5.84	43	438849	77.555	ug/l	95
24) 1,1-Dichloroethane	5.79	63	63030	16.949	ug/l	100
25) 2-Butanone	6.79	43	107730	80.669	ug/l	100
26) 2,2-Dichloropropane	6.77	77	58030	19.009	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	34507	16.964	ug/l	99
28) Bromochloromethane	7.15	49	28814	15.744	ug/l	87
29) Tetrahydrofuran	7.17	42	70809	78.359	ug/l	95
30) Chloroform	7.33	83	65288	18.465	ug/l	97
31) Cyclohexane	7.61	56	54581	15.896	ug/l #	87
32) 1,1,1-Trichloroethane	7.53	97	59414	20.126	ug/l	98
36) 1,1-Dichloropropene	7.75	75	48144	18.638	ug/l	97
37) Ethyl Acetate	6.88	43	44956	16.145	ug/l	100
38) Carbon Tetrachloride	7.73	117	50973	20.529	ug/l	93

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.04	83	49838	17.923	ug/l	98
40) Benzene	8.00	78	134850	17.243	ug/l	99
41) Methacrylonitrile	7.12	41	20934	17.542	ug/l #	83
42) 1,2-Dichloroethane	8.09	62	56708	19.834	ug/l	97
43) Isopropyl Acetate	8.12	43	72164	16.076	ug/l	96
44) Trichloroethene	8.80	130	32065	18.182	ug/l	99
45) 1,2-Dichloropropane	9.09	63	36273	16.520	ug/l	99
46) Dibromomethane	9.17	93	23765	18.726	ug/l	96
47) Bromodichloromethane	9.37	83	51166	18.610	ug/l #	97
48) Methyl methacrylate	9.17	41	34996	16.401	ug/l	95
49) 1,4-Dioxane	9.16	88	11195	341.592	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	221071	82.310	ug/l	99
52) Toluene	10.12	92	82341	18.133	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	55307	18.070	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	58149	17.706	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	31548	17.911	ug/l	98
56) Ethyl methacrylate	10.40	69	48665	16.611	ug/l	96
57) 1,3-Dichloropropane	10.68	76	57408	17.790	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	74364	89.496	ug/l	95
59) 2-Hexanone	10.72	43	158061	78.154	ug/l	99
60) Dibromochloromethane	10.87	129	36413	18.531	ug/l	98
61) 1,2-Dibromoethane	10.98	107	32681	17.818	ug/l	100
64) Tetrachloroethene	10.60	164	28519	19.516	ug/l	96
65) Chlorobenzene	11.40	112	85639	18.163	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	33646	18.968	ug/l	97
67) Ethyl Benzene	11.48	91	155454	17.982	ug/l	100
68) m/p-Xylenes	11.59	106	116298	37.427	ug/l	99
69) o-Xylene	11.92	106	54731	18.548	ug/l	97
70) Styrene	11.94	104	93705	18.799	ug/l	99
71) Bromoform	12.10	173	25792	19.366	ug/l #	99
73) Isopropylbenzene	12.22	105	153425	18.526	ug/l	99
74) N-amyl acetate	12.04	43	58805	15.900	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	47963	16.666	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	45783m	17.174	ug/l	
77) Bromobenzene	12.50	156	35275	17.724	ug/l	96
78) n-propylbenzene	12.56	91	175985	18.142	ug/l	99
79) 2-Chlorotoluene	12.65	91	106361	17.791	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	133798	19.477	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	16174	16.889	ug/l	91
82) 4-Chlorotoluene	12.75	91	112362	18.057	ug/l	100
83) tert-Butylbenzene	12.97	119	107790	18.897	ug/l	95
84) 1,2,4-Trimethylbenzene	13.01	105	127327	18.894	ug/l	100
85) sec-Butylbenzene	13.15	105	145125	19.004	ug/l	99
86) p-Isopropyltoluene	13.26	119	131573	20.032	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	62516	17.900	ug/l	97
88) 1,4-Dichlorobenzene	13.34	146	62471	18.170	ug/l	97
89) n-Butylbenzene	13.59	91	104667	18.546	ug/l	99
90) Hexachloroethane	13.85	117	25846	18.485	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	62723	18.782	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	10192	19.506	ug/l	93

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ClientSampleId :
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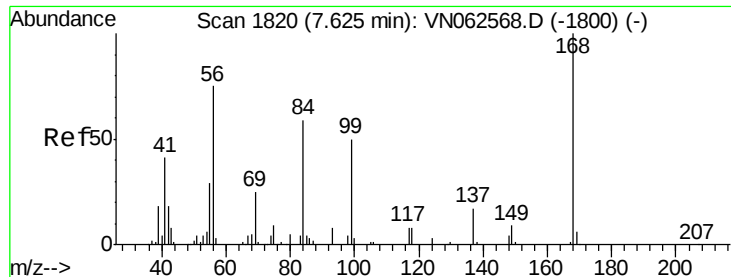
Manual Integrations
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	27176	17.620	ug/l	99
94) Hexachlorobutadiene	14.98	225	20658	22.628	ug/l	99
95) Naphthalene	15.10	128	65739	16.814	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	27401	17.411	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. -0.00 min

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Instrument :

MSVOA_N

ClientSampleId :

VN0729WBS01

Tgt Ion:168 Resp: 150003

Ion Ratio Lower Upper

168 100

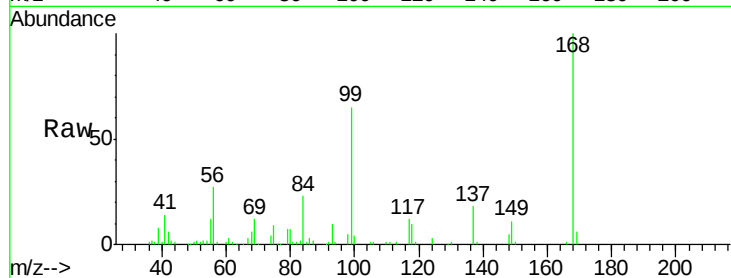
99 65.2 48.4 72.6

Manual Integrations

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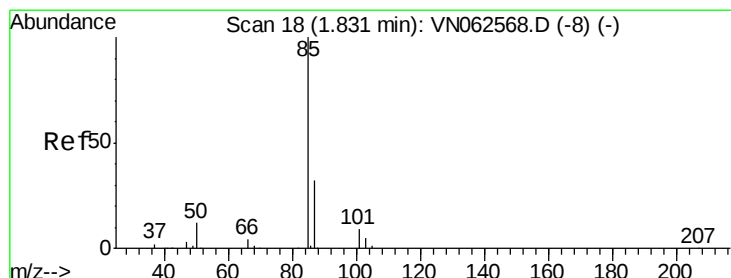
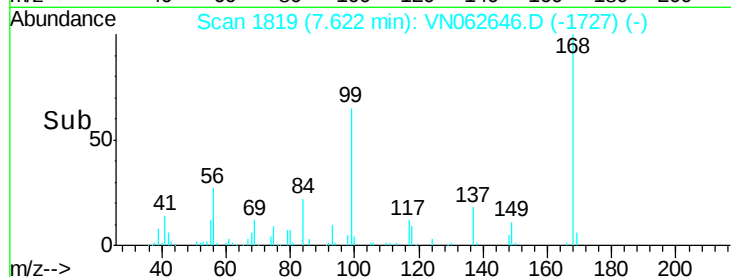
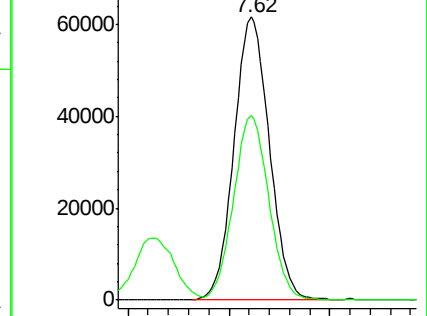
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 18.918 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN062646.D

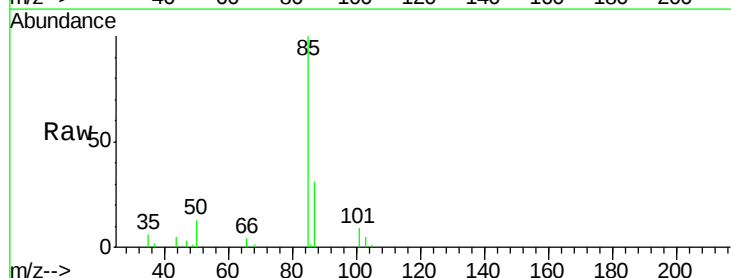
Acq: 29 Jul 2020 11:44

Tgt Ion: 85 Resp: 33850

Ion Ratio Lower Upper

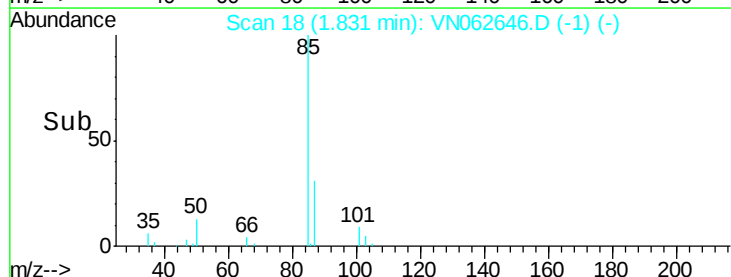
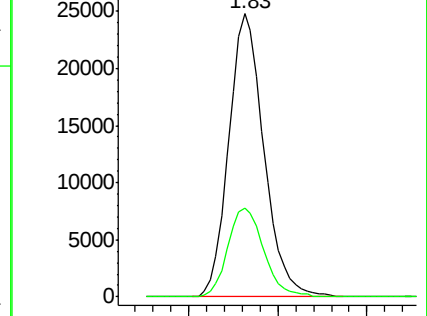
85 100

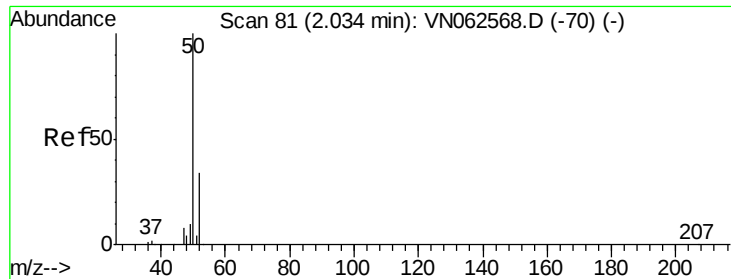
87 31.3 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 15.199 ug/l

RT: 2.03 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN062646.D

Acq: 29 Jul 2020 11:44

Instrument :

MSVOA_N

ClientSampleId :

VN0729WBS01

Tgt Ion: 50 Resp: 36884

Ion Ratio Lower Upper

50 100

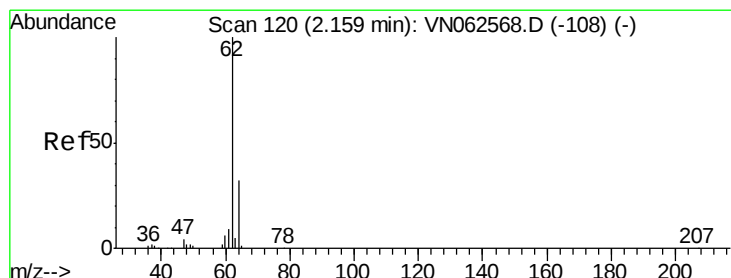
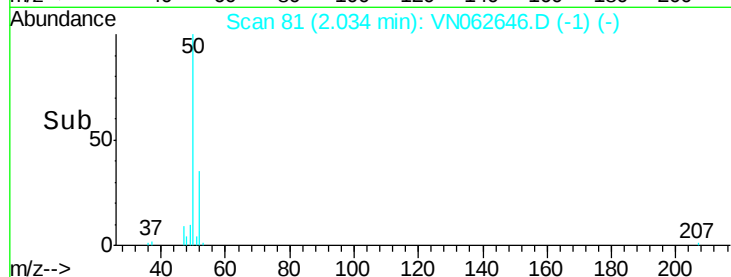
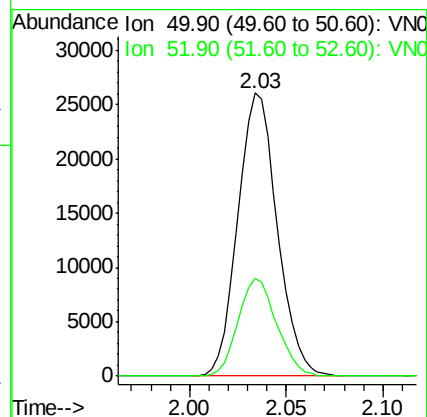
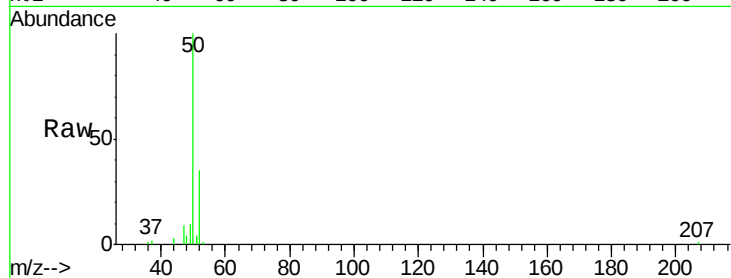
52 34.7 27.0 40.4

Manual Integrations

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#4

Vinyl Chloride

Concen: 16.545 ug/l

RT: 2.16 min Scan# 120

Delta R.T. -0.00 min

Lab File: VN062646.D

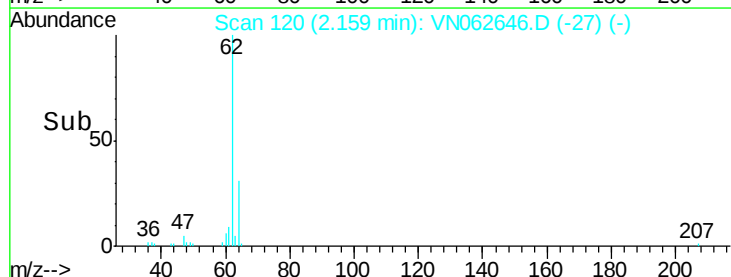
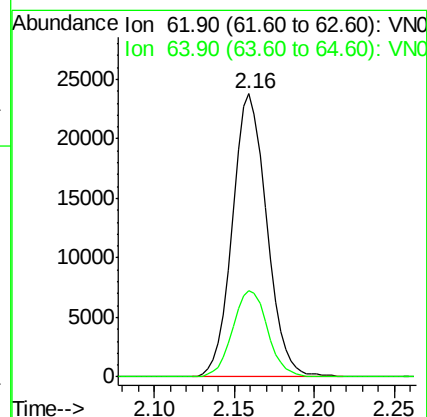
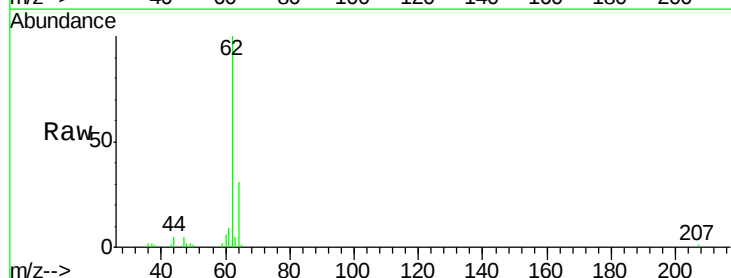
Acq: 29 Jul 2020 11:44

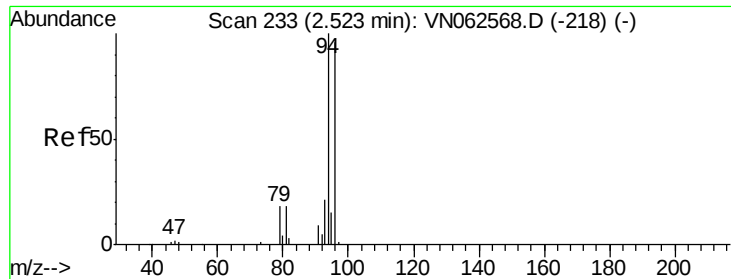
Tgt Ion: 62 Resp: 34808

Ion Ratio Lower Upper

62 100

64 30.5 25.8 38.8





#5

Bromomethane

Concen: 23.095 ug/l

RT: 2.52 min Scan# 233

Delta R.T. -0.00 min

Lab File: VN062646.D

Acq: 29 Jul 2020 11:44

Instrument :

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ClientSampleId :

VN0729WBS01

Tgt Ion: 94 Resp: 21520

Ion Ratio Lower Upper

94 100

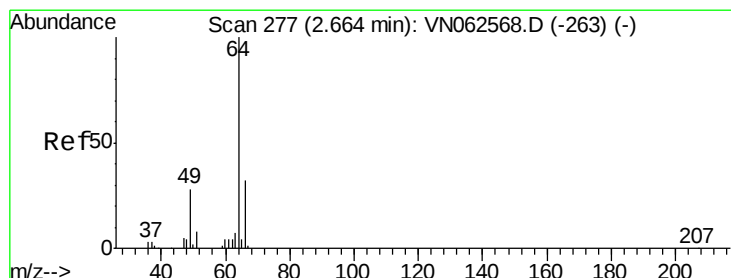
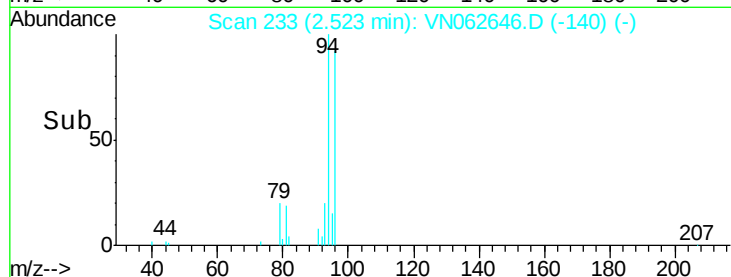
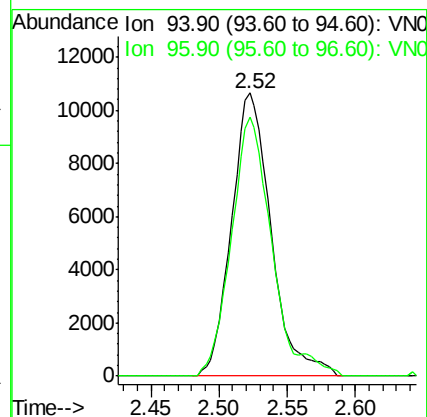
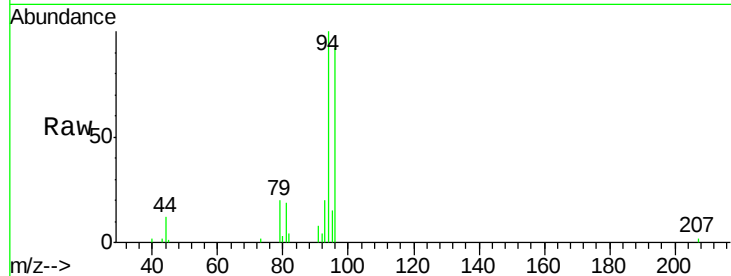
96 91.7 76.6 114.8

Manual Integrations

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#6

Chloroethane

Concen: 21.680 ug/l

RT: 2.67 min Scan# 278

Delta R.T. 0.00 min

Lab File: VN062646.D

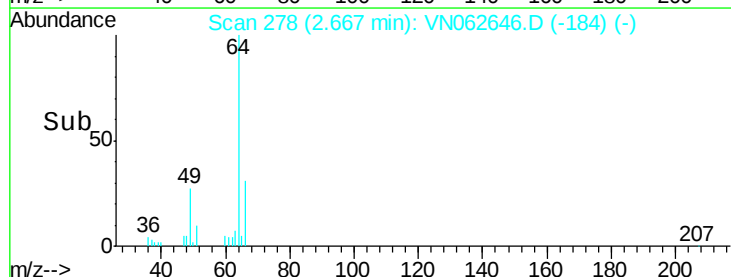
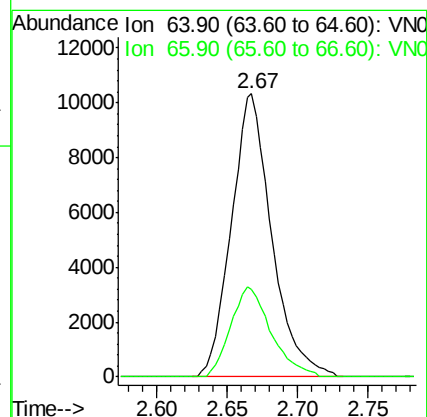
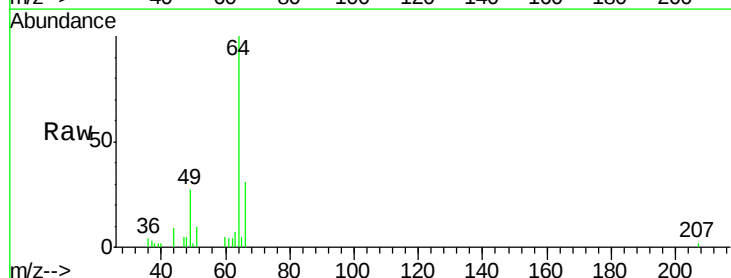
Acq: 29 Jul 2020 11:44

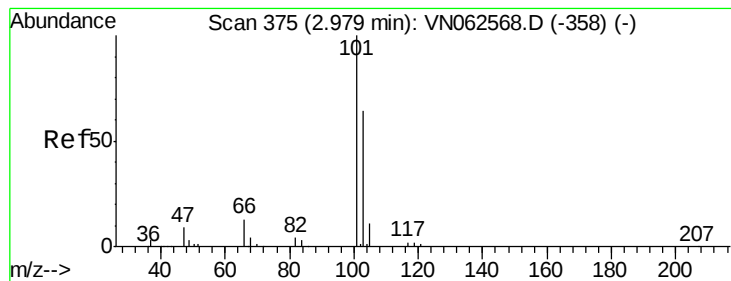
Tgt Ion: 64 Resp: 20631

Ion Ratio Lower Upper

64 100

66 31.1 25.8 38.8





#7

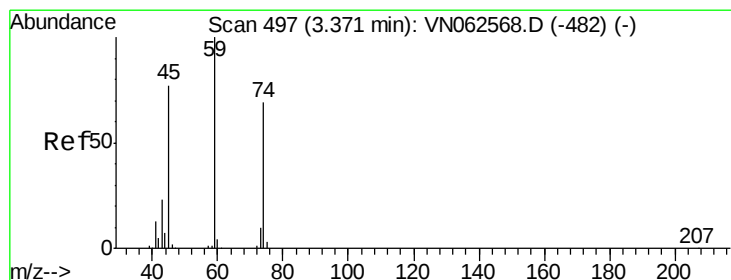
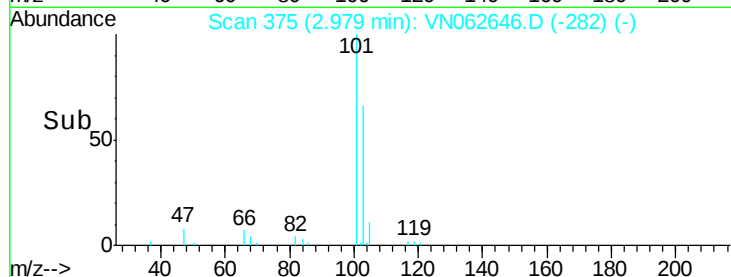
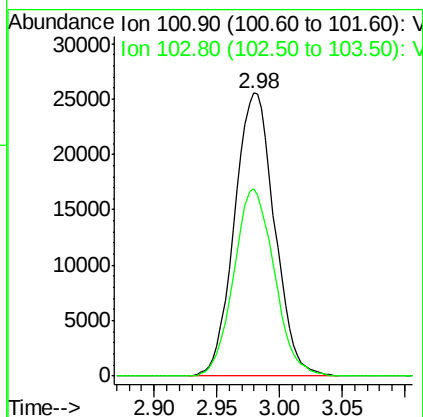
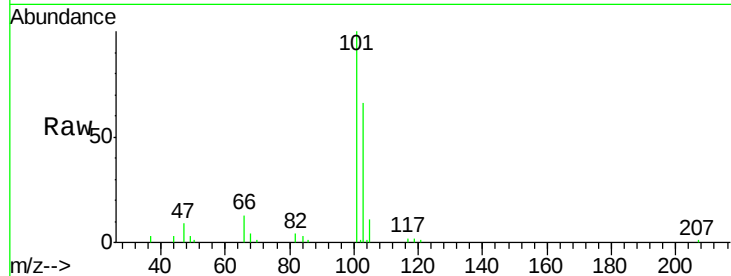
Trichlorofluoromethane
 Concen: 22.987 ug/l
 RT: 2.98 min Scan# 375
 Delta R.T. -0.00 min
 Lab File: VN062646.D
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 VN0729WBS01

Tgt Ion	Ratio	Lower	Upper
101	100		
103	66.4	51.5	77.3

Manual Integrations
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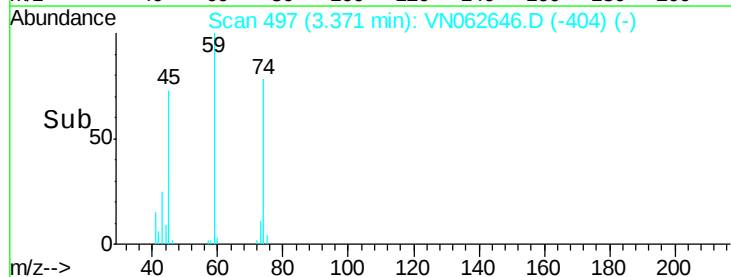
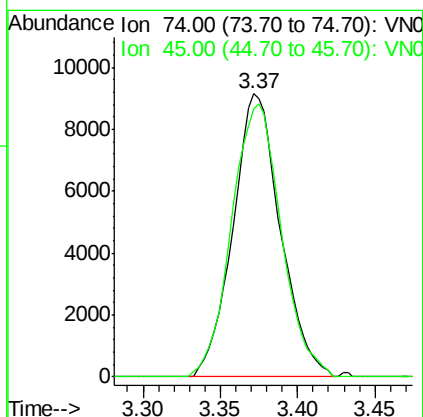
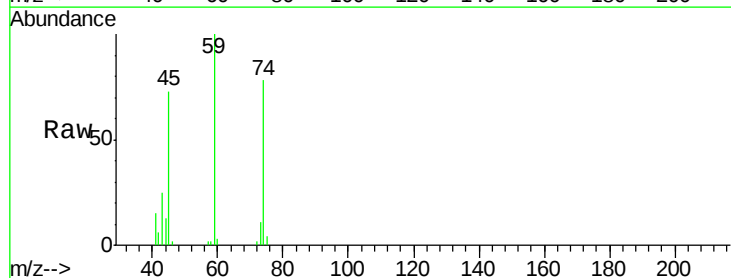
MMDadoda
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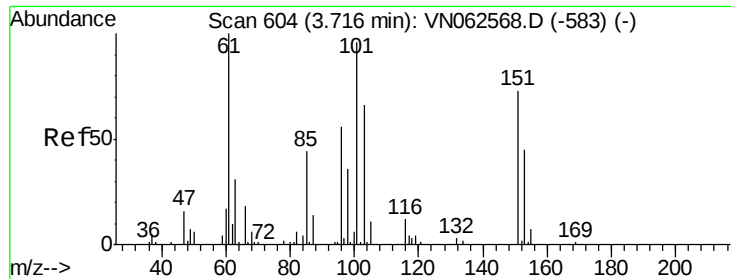


#8

Diethyl Ether
 Concen: 16.912 ug/l
 RT: 3.37 min Scan# 497
 Delta R.T. -0.00 min
 Lab File: VN062646.D
 Acq: 29 Jul 2020 11:44

Tgt Ion	Ratio	Lower	Upper
74	100		
45	100.8	55.3	165.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.954 ug/l

RT: 3.72 min Scan# 604

Delta R.T. -0.00 min

Lab File: VN062646.D

Acq: 29 Jul 2020 11:44

Instrument :

MSVOA_N

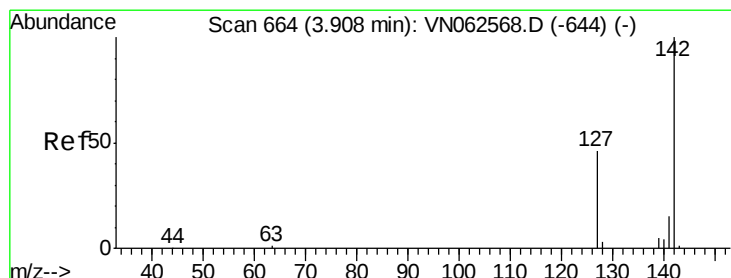
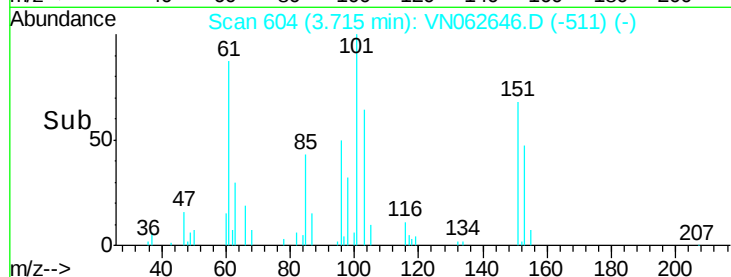
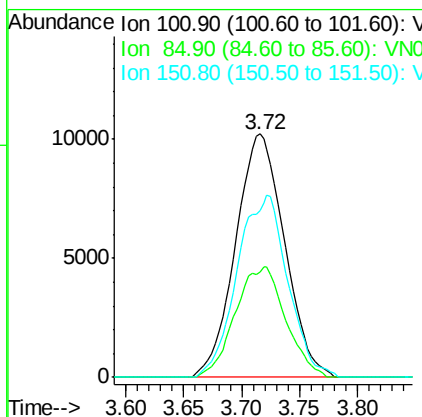
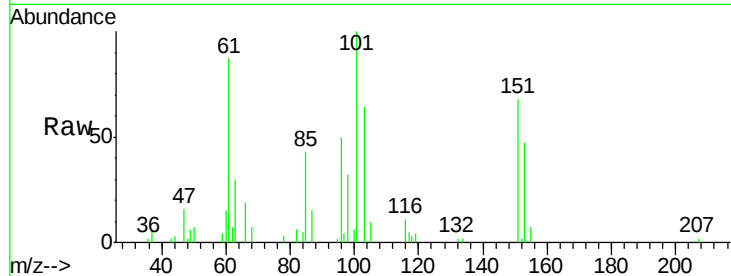
ClientSampled :

VN0729WBS01

Tgt Ion:	101	Resp:	30017
Ion Ratio	Lower	Upper	
101	100		
85	46.7	36.0	54.0
151	77.3	60.0	90.0

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#10

Methyl Iodide

Concen: 16.348 ug/l

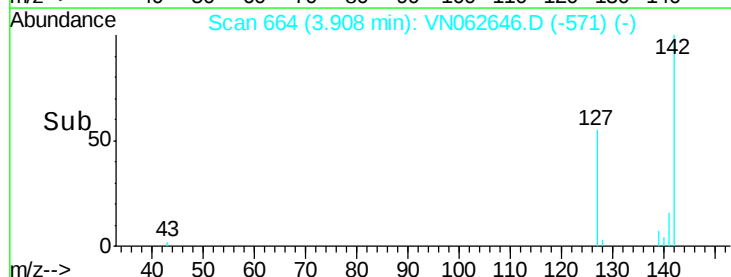
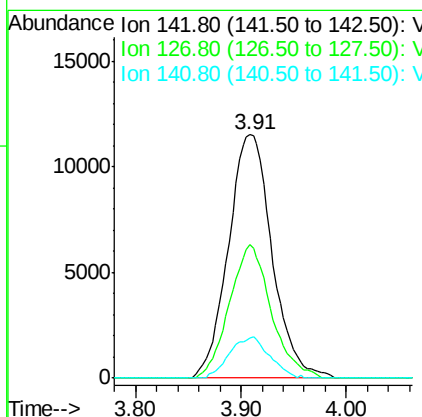
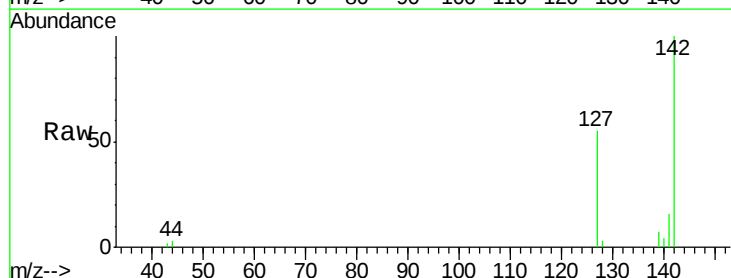
RT: 3.91 min Scan# 664

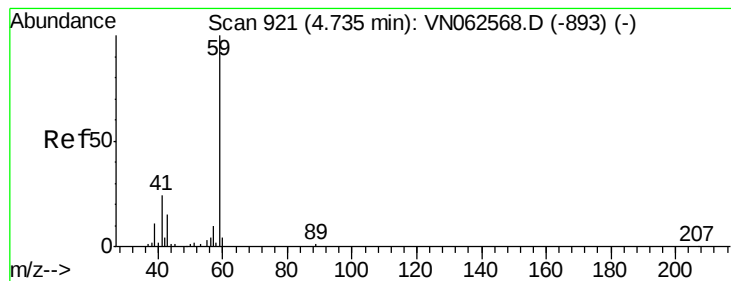
Delta R.T. -0.00 min

Lab File: VN062646.D

Acq: 29 Jul 2020 11:44

Tgt Ion:	142	Resp:	33100
Ion Ratio	Lower	Upper	
142	100		
127	52.3	37.4	56.0
141	15.5	11.9	17.9





#11

Tert butyl alcohol

Concen: 82.815 ug/l

RT: 4.73 min Scan# 921

Delta R.T. -0.00 min

Lab File: VN062646.D

Acq: 29 Jul 2020 11:44

Instrument :

MSVOA_N

ClientSampleId :

VN0729WBS01

Tgt Ion: 59 Resp: 30699

Ion Ratio Lower Upper

59 100

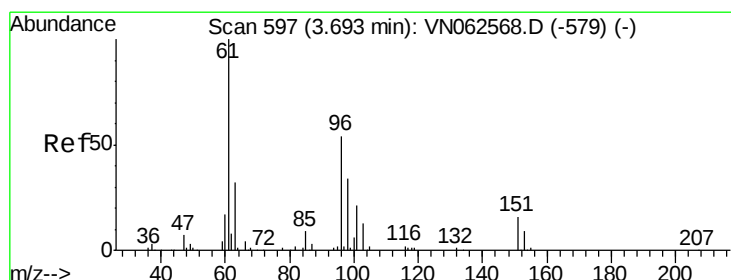
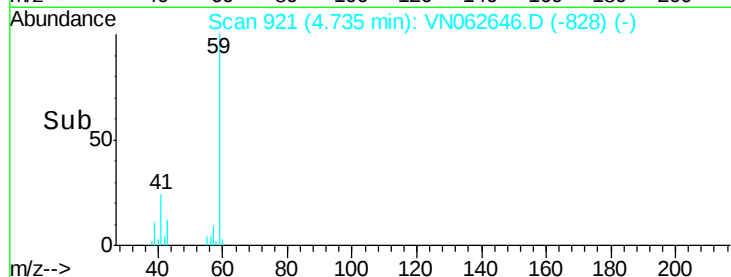
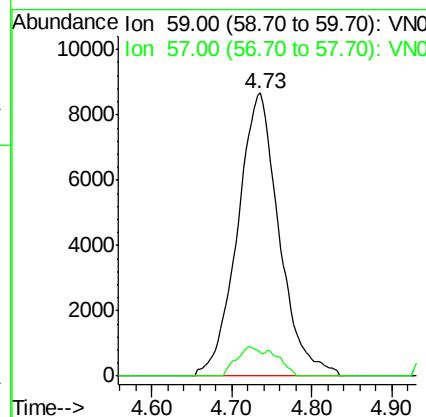
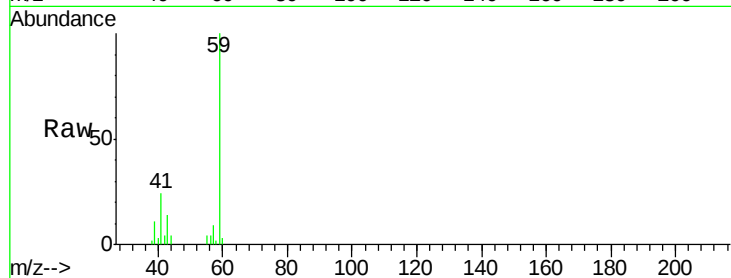
57 6.0 8.2 12.2#

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#12

1,1-Dichloroethene

Concen: 17.519 ug/l

RT: 3.70 min Scan# 598

Delta R.T. 0.00 min

Lab File: VN062646.D

Acq: 29 Jul 2020 11:44

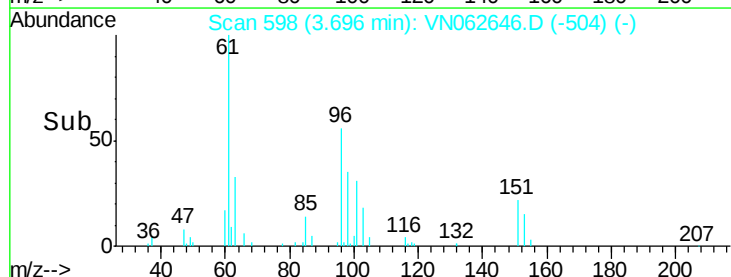
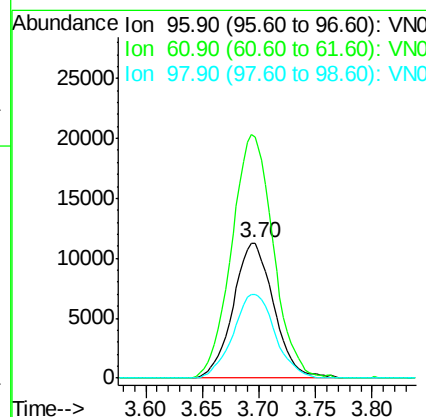
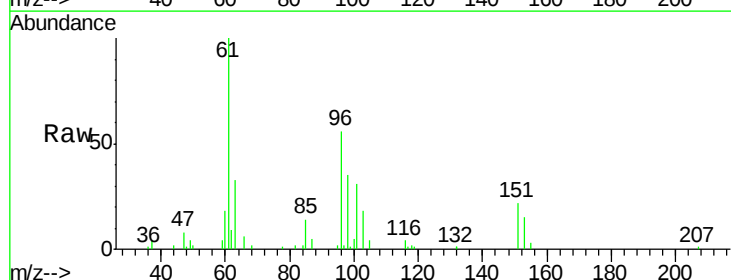
Tgt Ion: 96 Resp: 28138

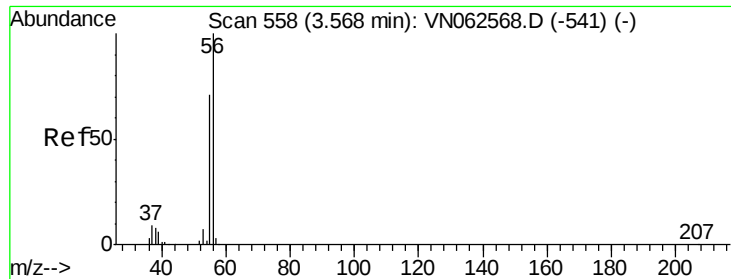
Ion Ratio Lower Upper

96 100

61 178.6 148.6 222.8

98 61.7 50.6 75.8





#13

Acrolein

Concen: 72.537 ug/l m

RT: 3.56 min Scan# 557

Delta R.T. -0.00 min

Lab File: VN062646.D

Acq: 29 Jul 2020 11:44

Instrument :

MSVOA_N

ClientSampleId :

VN0729WBS01

Tgt Ion: 56 Resp: 25646

Ion Ratio Lower Upper

56 100

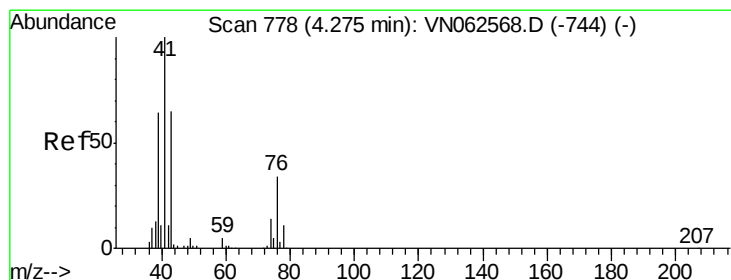
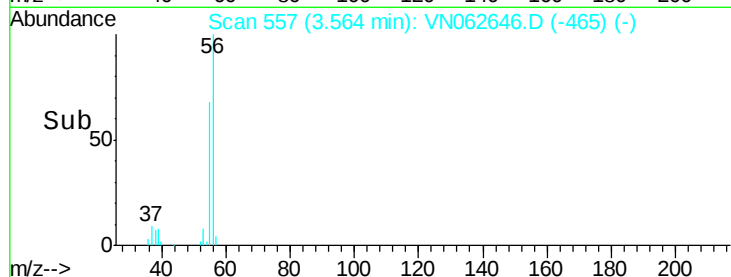
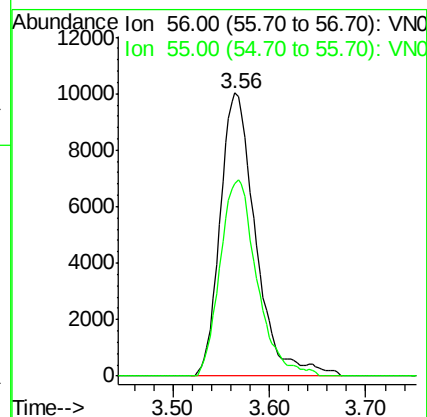
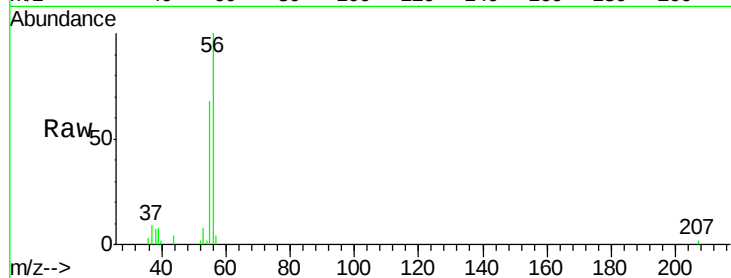
55 71.8 57.0 85.4

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#14

Allyl chloride

Concen: 15.121 ug/l

RT: 4.27 min Scan# 777

Delta R.T. -0.00 min

Lab File: VN062646.D

Acq: 29 Jul 2020 11:44

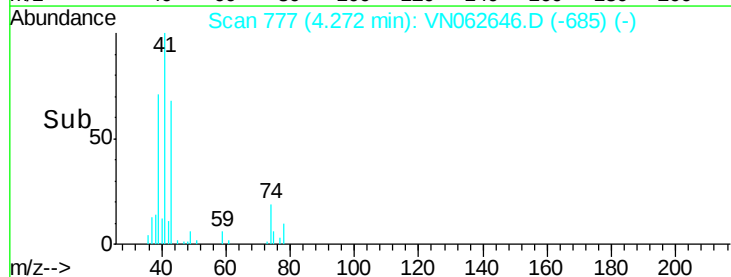
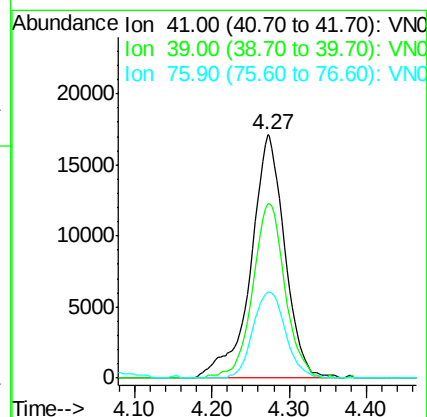
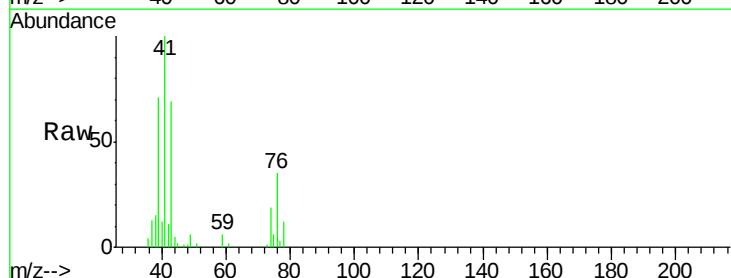
Tgt Ion: 41 Resp: 52534

Ion Ratio Lower Upper

41 100

39 68.0 49.0 73.4

76 34.0 24.0 36.0





#15

Acrylonitrile

Concen: 81.593 ug/l

RT: 4.93 min Scan# 982

Delta R.T. 0.00 min

Lab File: VN062646.D

Acq: 29 Jul 2020 11:44

Instrument :

MSVOA_N

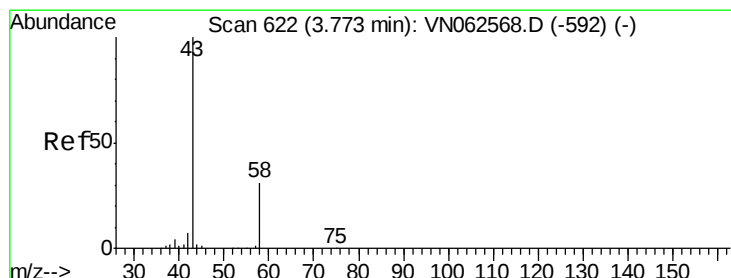
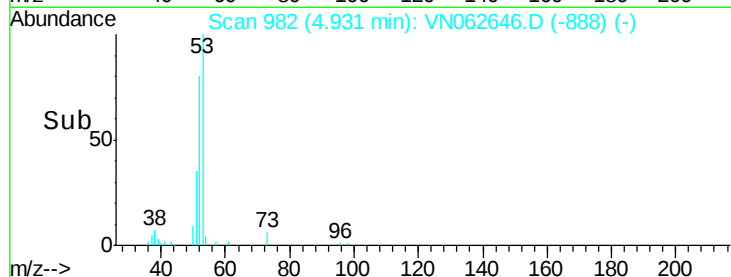
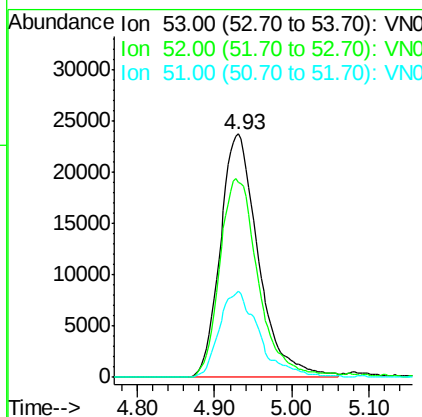
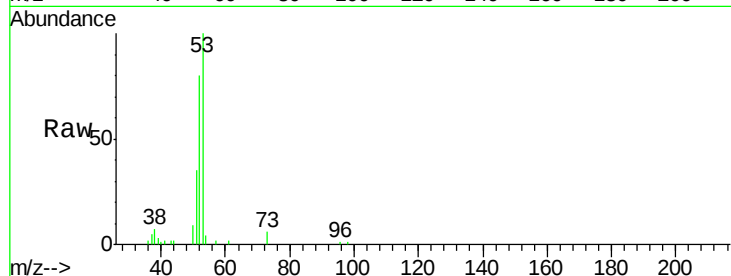
ClientSampleId :

VN0729WBS01

Tgt Ion:	53	Resp:	81013
Ion	Ratio	Lower	Upper
53	100		
52	82.1	66.3	99.5
51	37.0	28.6	43.0

Manual Integrations
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#16

Acetone

Concen: 89.951 ug/l

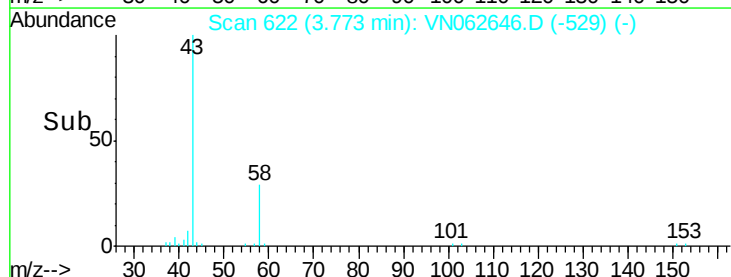
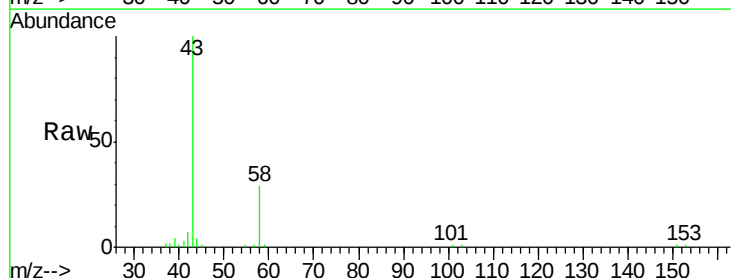
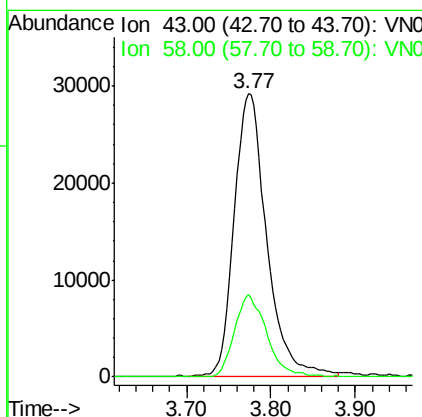
RT: 3.77 min Scan# 622

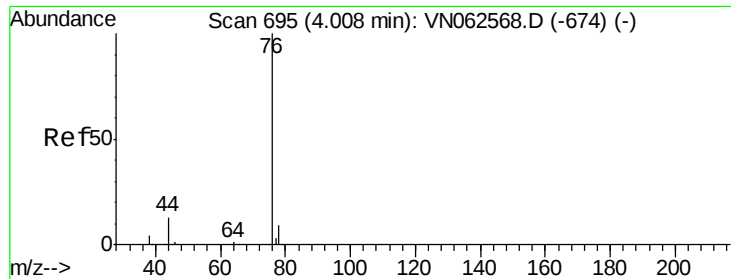
Delta R.T. -0.00 min

Lab File: VN062646.D

Acq: 29 Jul 2020 11:44

Tgt Ion:	43	Resp:	78876
Ion	Ratio	Lower	Upper
43	100		
58	29.0	24.6	37.0





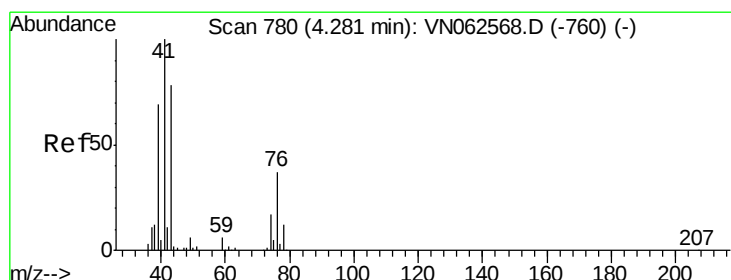
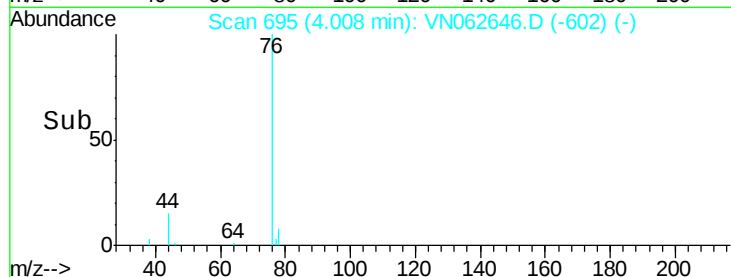
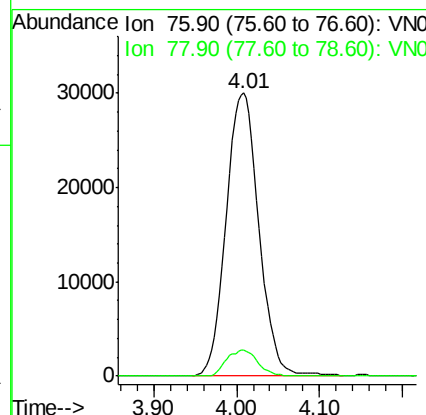
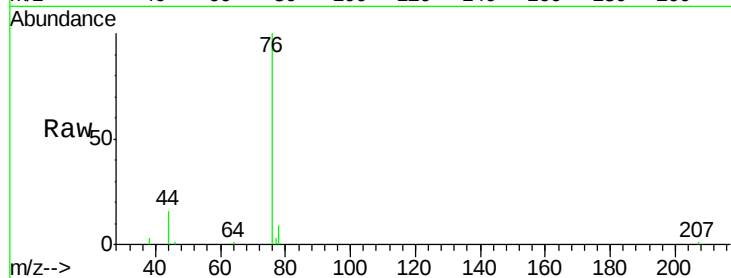
#17
Carbon Disulfide
Concen: 15.622 ug/l
RT: 4.01 min Scan# 695
Delta R.T. -0.00 min
Lab File: VN062646.D
Acq: 29 Jul 2020 11:44

Instrument :
MSVOA_N
ClientSampleId :
VN0729WBS01

Tgt Ion: 76 Resp: 82440
Ion Ratio Lower Upper
76 100
78 9.4 7.3 10.9

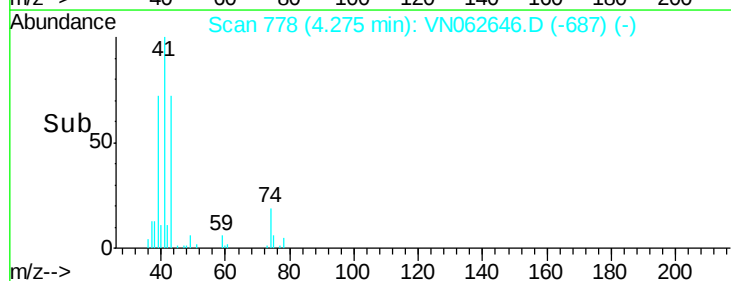
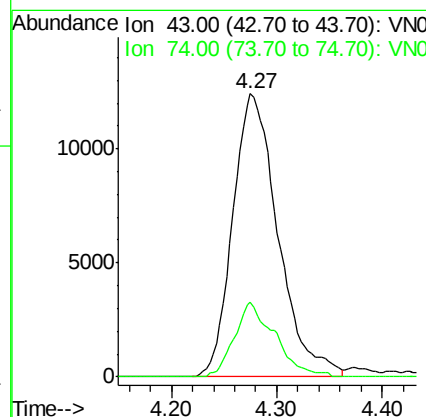
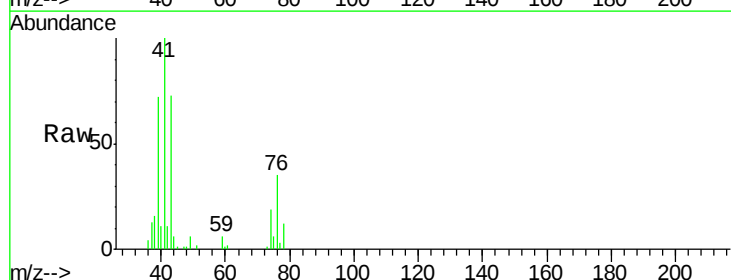
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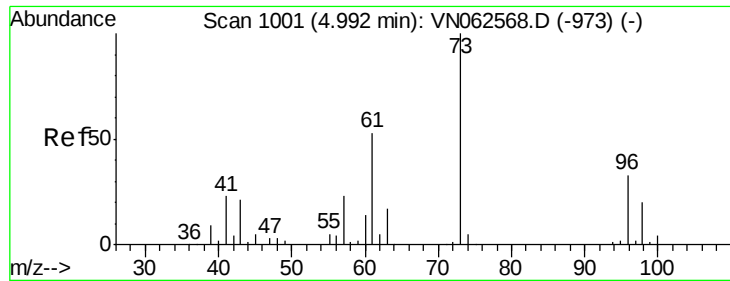
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#18
Methyl Acetate
Concen: 16.689 ug/l
RT: 4.27 min Scan# 778
Delta R.T. -0.01 min
Lab File: VN062646.D
Acq: 29 Jul 2020 11:44

Tgt Ion: 43 Resp: 37048
Ion Ratio Lower Upper
43 100
74 23.4 16.6 24.8





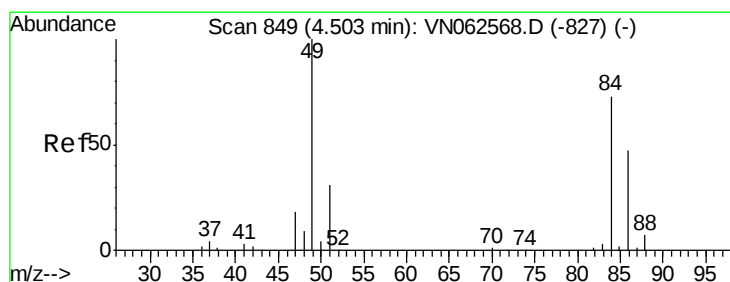
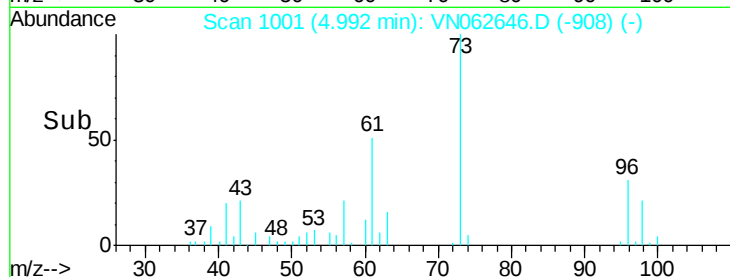
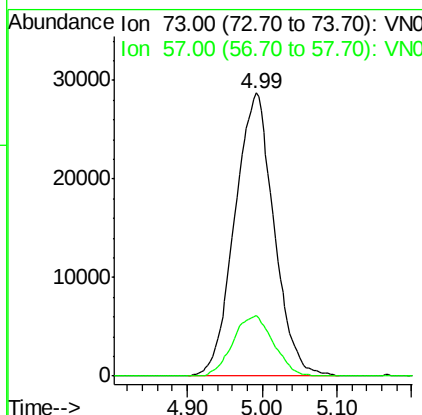
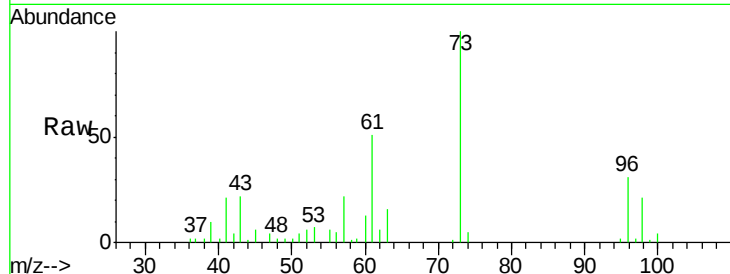
#19
Methyl tert-butyl Ether
Concen: 17.675 ug/l
RT: 4.99 min Scan# 1001
Delta R.T. -0.00 min
Lab File: VN062646.D
Acq: 29 Jul 2020 11:44

Instrument :
MSVOA_N
ClientSampleId :
VN0729WBS01

Tgt Ion: 73 Resp: 104487
Ion Ratio Lower Upper
73 100
57 21.5 18.6 27.8

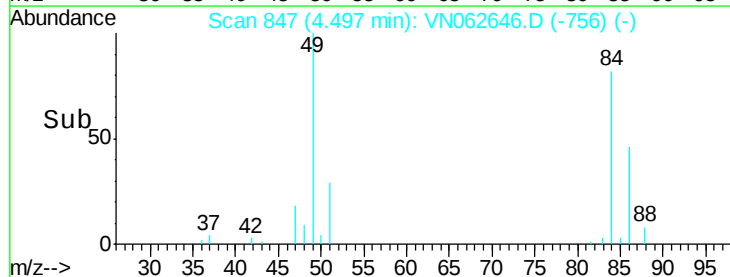
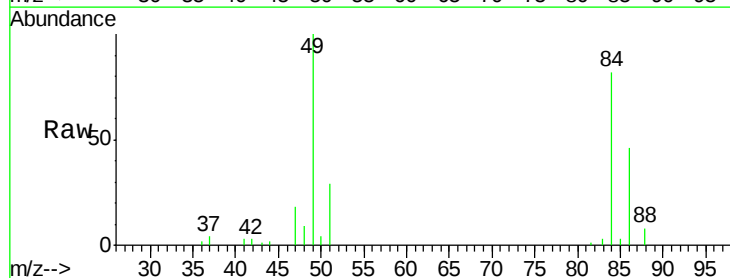
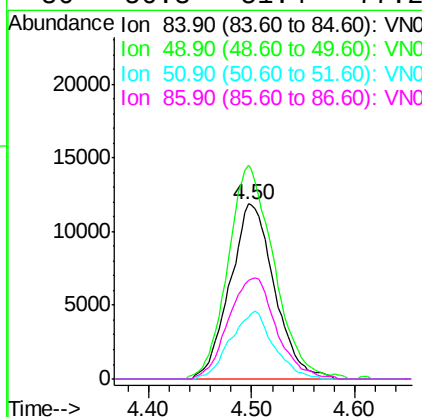
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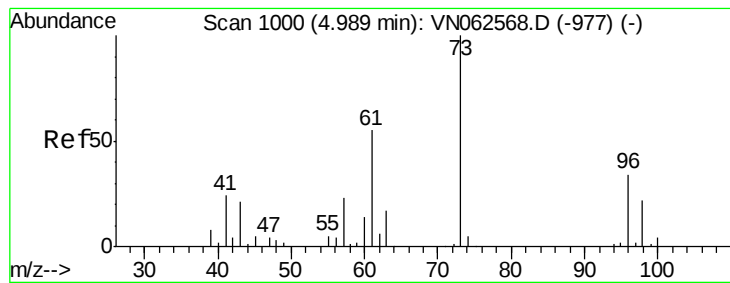
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#20
Methylene Chloride
Concen: 16.953 ug/l
RT: 4.50 min Scan# 847
Delta R.T. -0.01 min
Lab File: VN062646.D
Acq: 29 Jul 2020 11:44

Tgt Ion: 84 Resp: 35655
Ion Ratio Lower Upper
84 100
49 120.6 109.4 164.0
51 34.9 33.6 50.4
86 56.3 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 16.831 ug/l

RT: 4.99 min Scan# 999

Delta R.T. -0.00 min

Lab File: VN062646.D

Acq: 29 Jul 2020 11:44

Instrument :

MSVOA_N

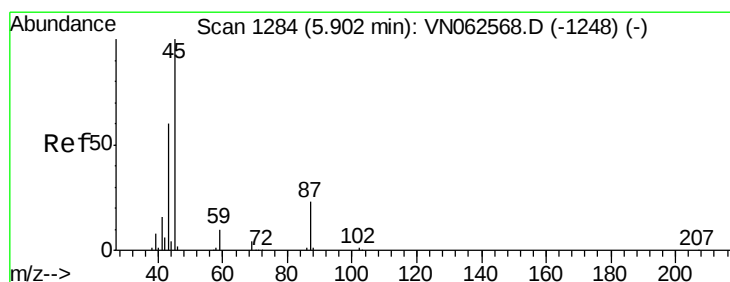
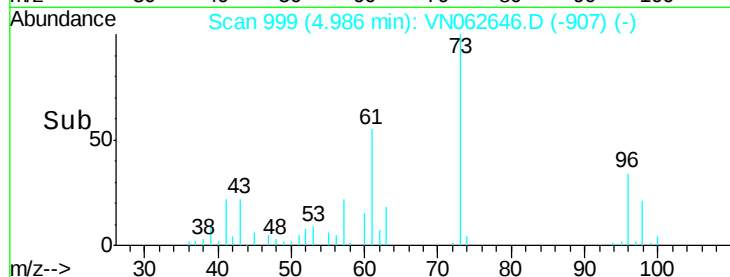
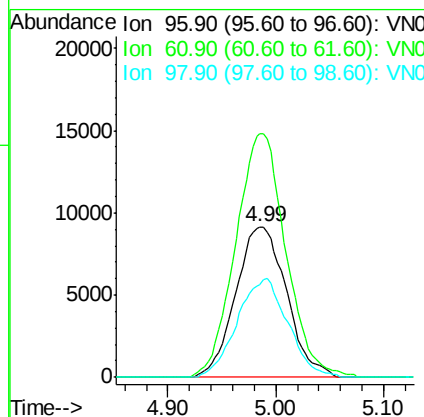
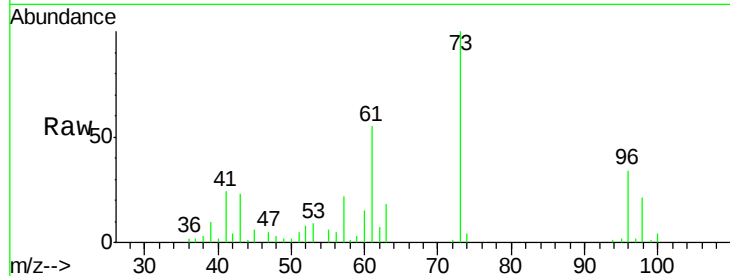
ClientSampleId :

VN0729WBS01

Tgt Ion:	96	Resp:	30003
Ion	Ratio	Lower	Upper
96	100		
61	161.6	128.6	192.8
98	61.8	50.6	76.0

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#22

Diisopropyl ether

Concen: 15.994 ug/l

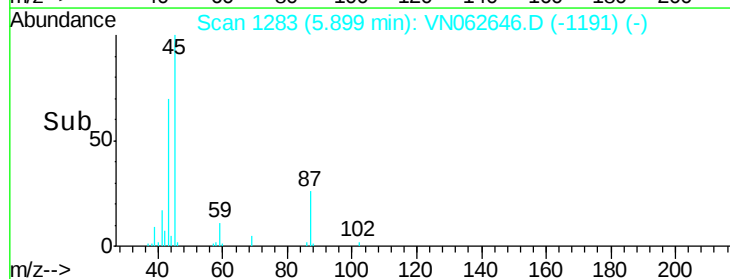
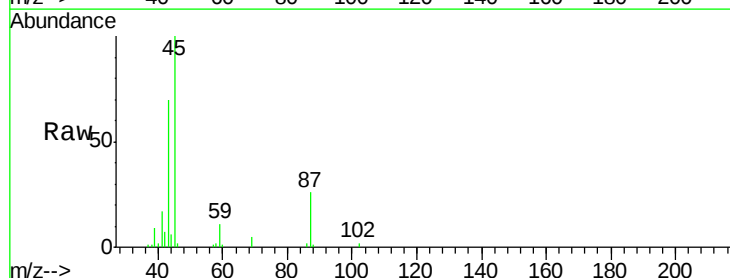
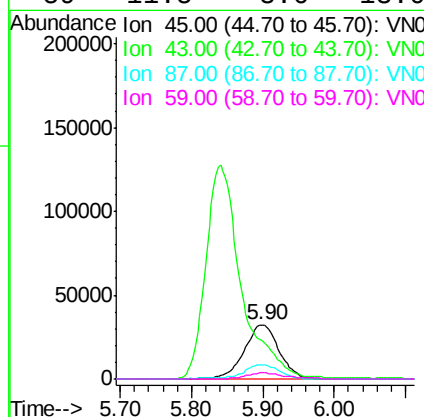
RT: 5.90 min Scan# 1283

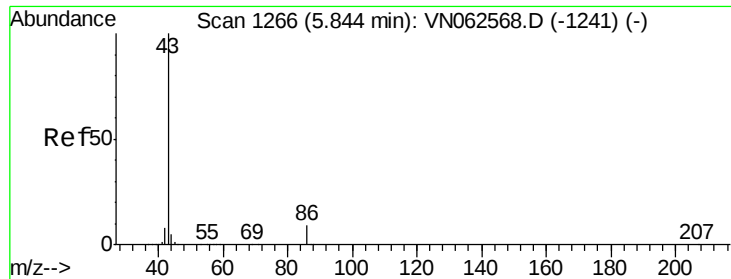
Delta R.T. -0.00 min

Lab File: VN062646.D

Acq: 29 Jul 2020 11:44

Tgt Ion:	45	Resp:	110451
Ion	Ratio	Lower	Upper
45	100		
43	67.8	48.7	73.1
87	26.2	19.0	28.6
59	11.5	8.6	13.0





#23

Vinyl Acetate

Concen: 77.555 ug/l

RT: 5.84 min Scan# 1265

Delta R.T. -0.00 min

Lab File: VN062646.D

Acq: 29 Jul 2020 11:44

Instrument :

MSVOA_N

ClientSampleId :

VN0729WBS01

Tgt Ion: 43 Resp: 438849

Ion Ratio Lower Upper

43 100

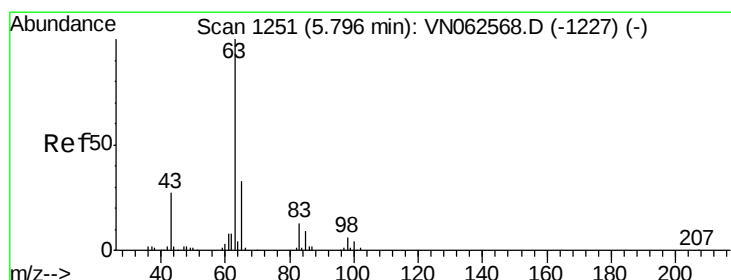
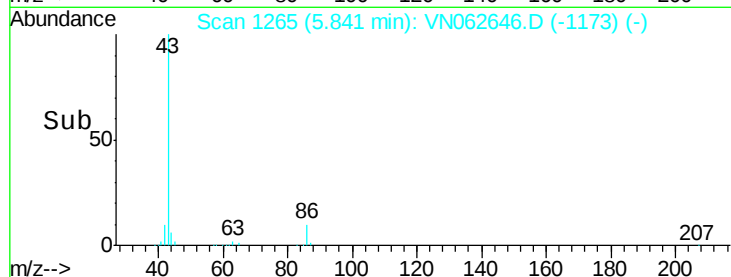
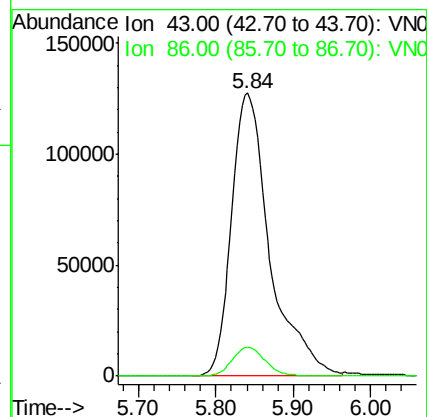
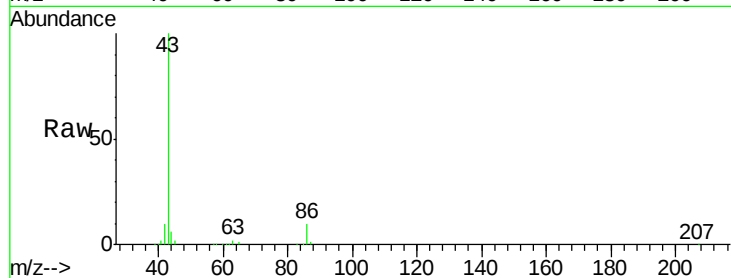
86 10.3 6.9 10.3

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 16.949 ug/l

RT: 5.79 min Scan# 1250

Delta R.T. -0.00 min

Lab File: VN062646.D

Acq: 29 Jul 2020 11:44

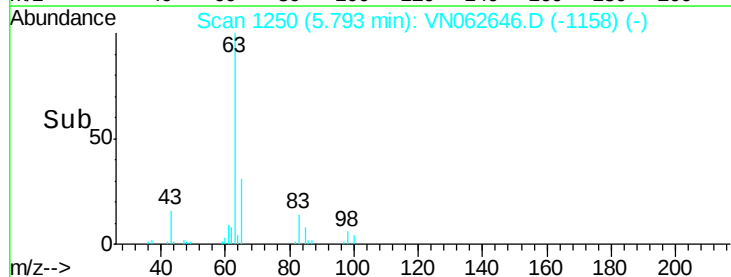
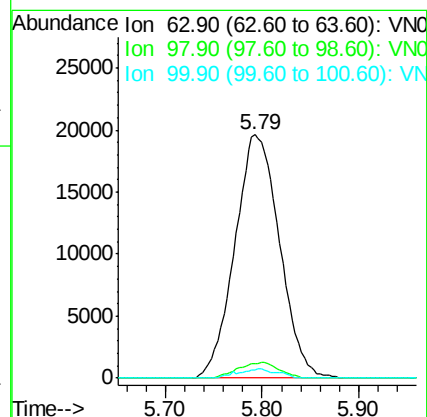
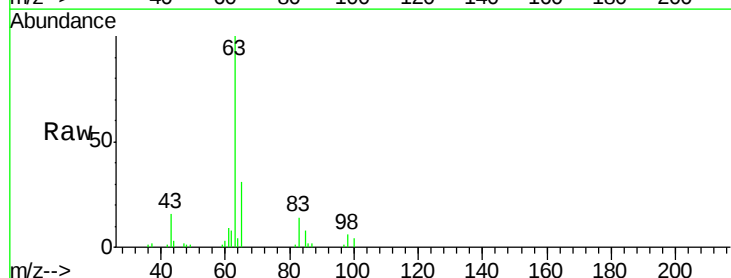
Tgt Ion: 63 Resp: 63030

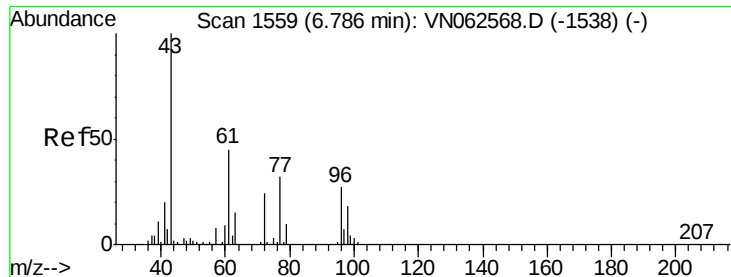
Ion Ratio Lower Upper

63 100

98 6.1 2.9 8.8

100 3.6 1.8 5.4





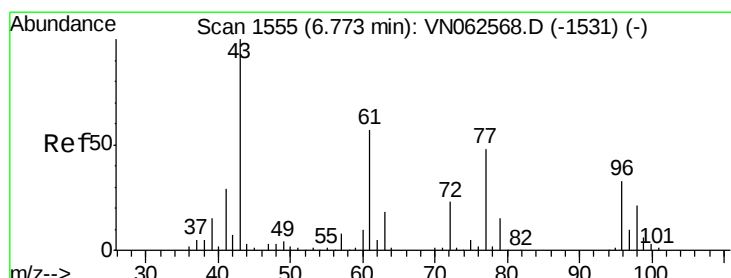
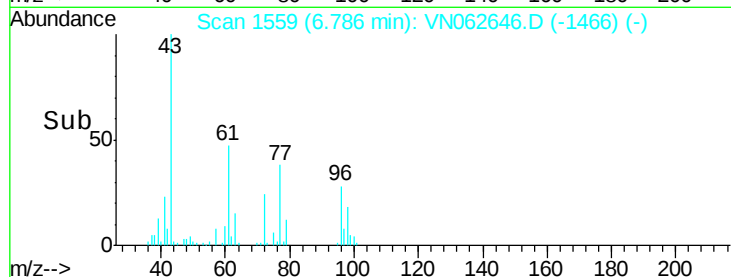
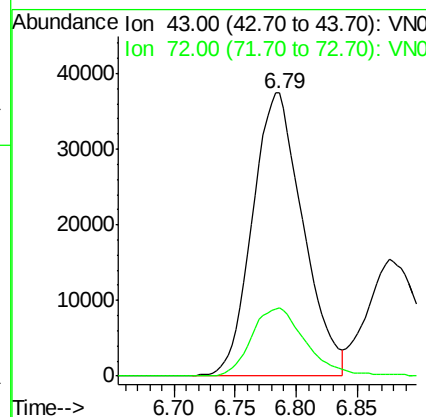
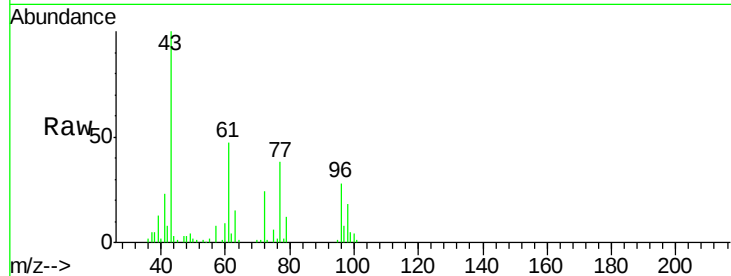
#25
2-Butanone
Concen: 80.669 ug/l
RT: 6.79 min Scan# 1559
Delta R.T. -0.00 min
Lab File: VN062646.D
Acq: 29 Jul 2020 11:44

Instrument :
MSVOA_N
ClientSampleId :
VN0729WBS01

Tgt Ion: 43 Resp: 107730
Ion Ratio Lower Upper
43 100
72 24.0 19.0 28.6

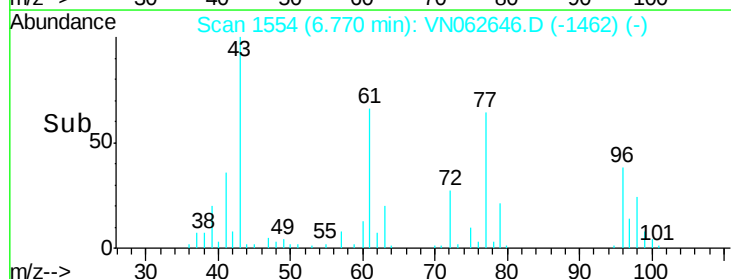
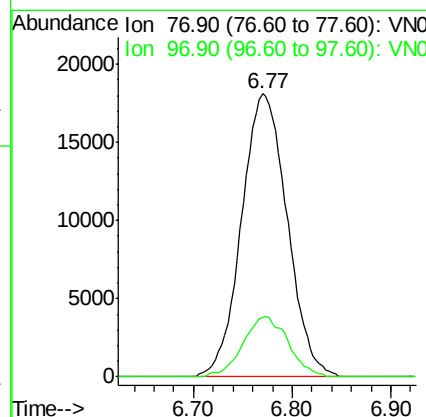
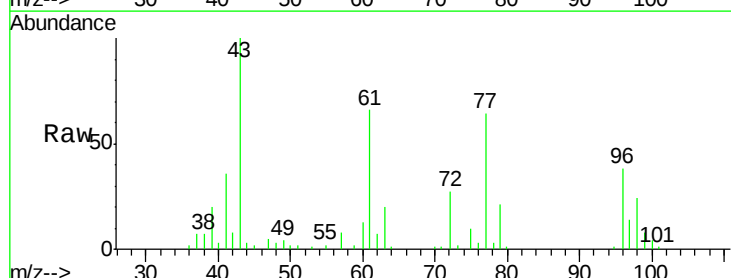
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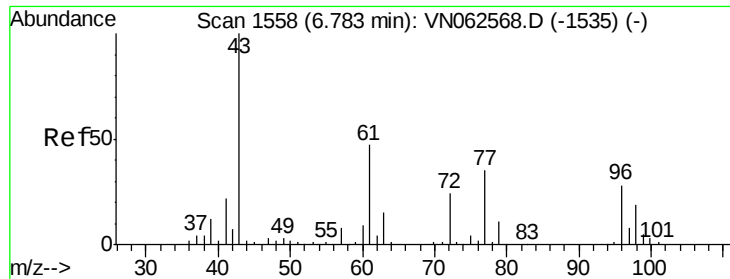
MMDadoda
7/30/2020 6:21:02 PM



#26
2,2-Dichloropropane
Concen: 19.009 ug/l
RT: 6.77 min Scan# 1554
Delta R.T. -0.00 min
Lab File: VN062646.D
Acq: 29 Jul 2020 11:44

Tgt Ion: 77 Resp: 58030
Ion Ratio Lower Upper
77 100
97 21.1 10.8 32.4





#27

cis-1,2-Dichloroethene

Concen: 16.964 ug/l

RT: 6.78 min Scan# 1556

Delta R.T. -0.01 min

Lab File: VN062646.D

Acq: 29 Jul 2020 11:44

Instrument :

MSVOA_N

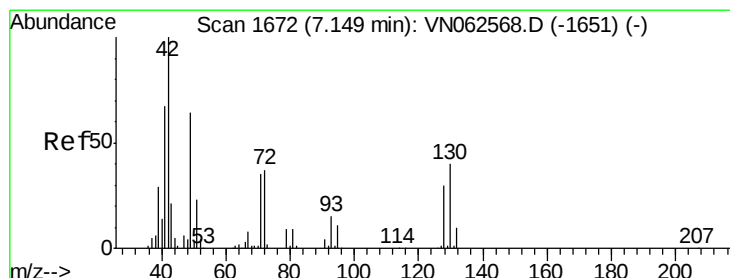
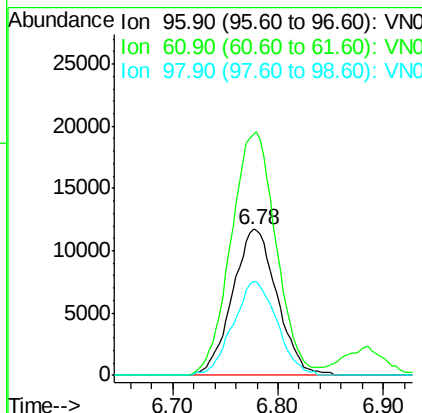
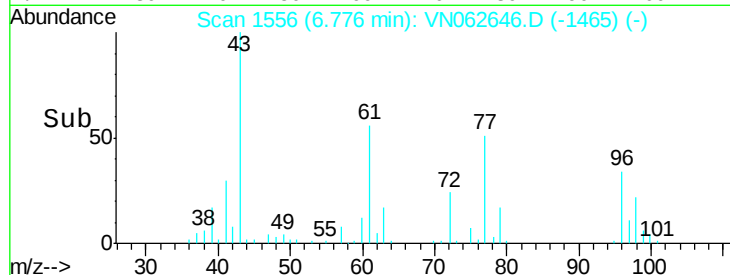
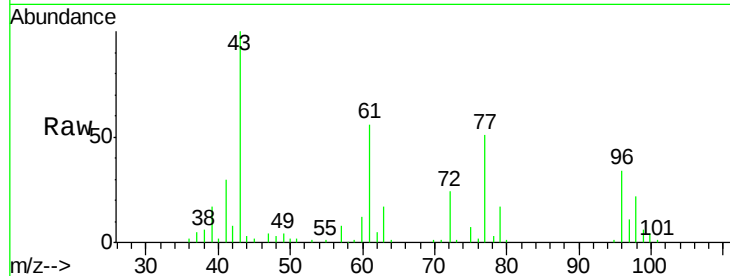
ClientSampleId :

VN0729WBS01

Tgt Ion:	96	Resp:	34507
Ion	Ratio	Lower	Upper
96	100		
61	167.8	0.0	332.4
98	63.1	0.0	127.4

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#28

Bromochloromethane

Concen: 15.744 ug/l

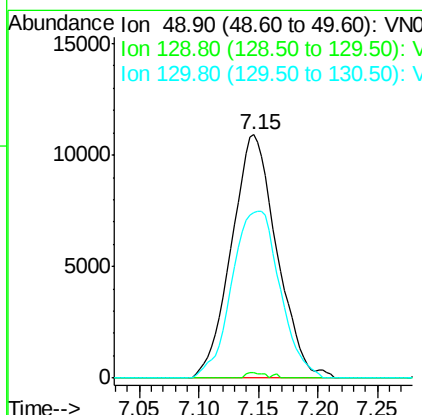
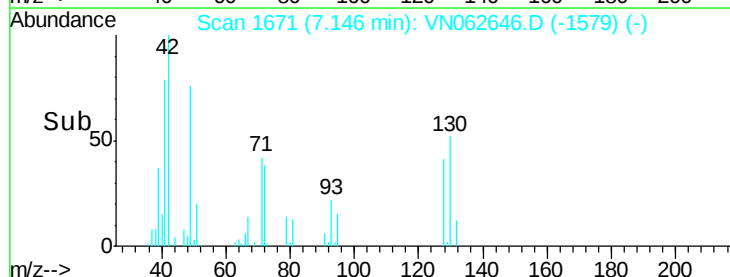
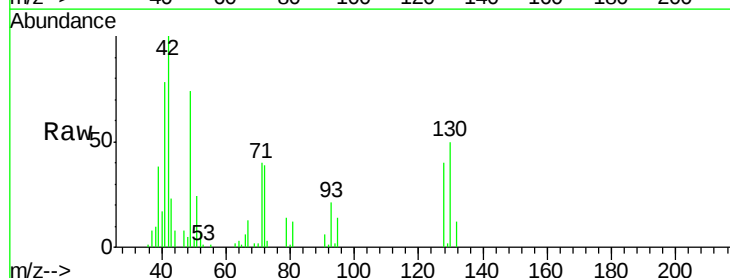
RT: 7.15 min Scan# 1671

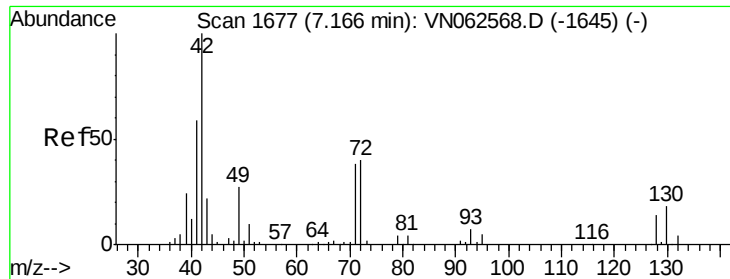
Delta R.T. -0.00 min

Lab File: VN062646.D

Acq: 29 Jul 2020 11:44

Tgt Ion:	49	Resp:	28814
Ion	Ratio	Lower	Upper
49	100		
129	0.8	0.0	3.4
130	72.8	49.8	74.8





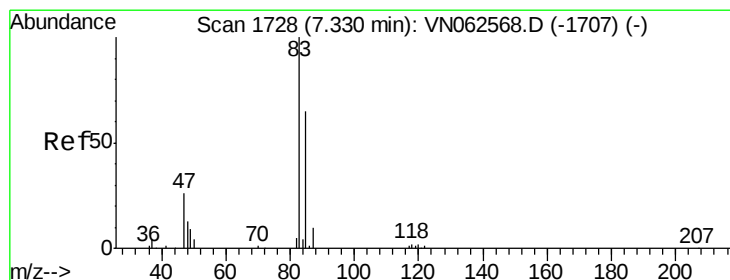
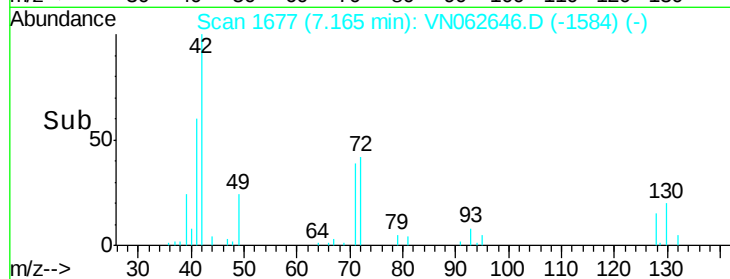
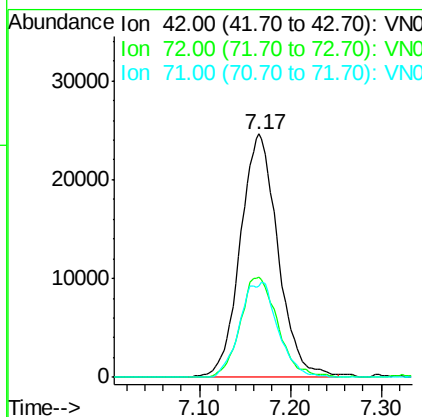
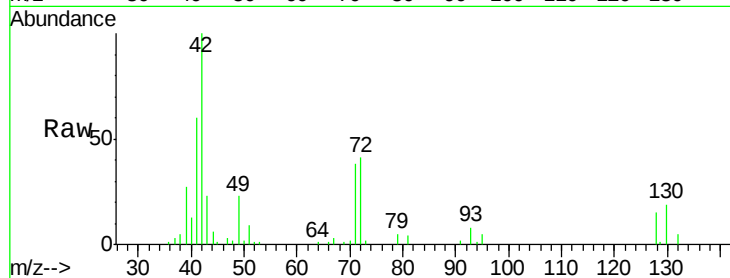
#29
Tetrahydrofuran
Concen: 78.359 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. -0.00 min
Lab File: VN062646.D
Acq: 29 Jul 2020 11:44

Instrument :
MSVOA_N
ClientSampleId :
VN0729WBS01

Tgt Ion	Ratio	Lower	Upper
42	100		
72	41.1	30.7	46.1
71	39.5	29.1	43.7

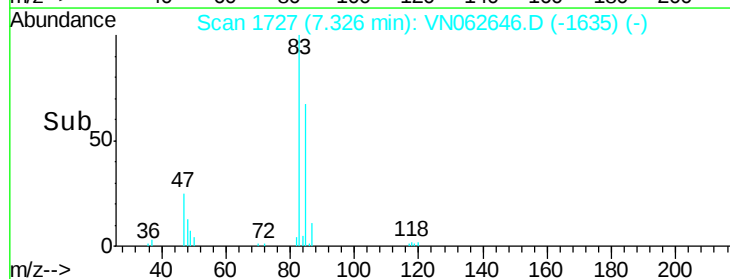
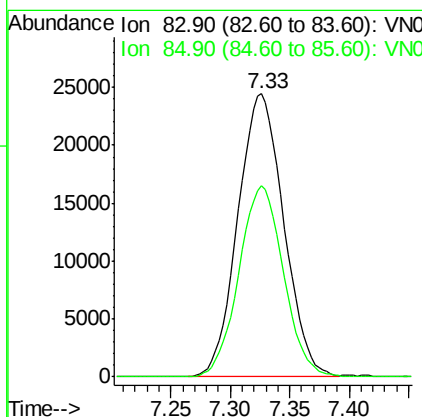
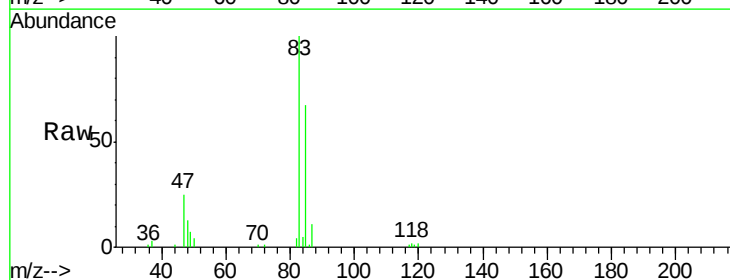
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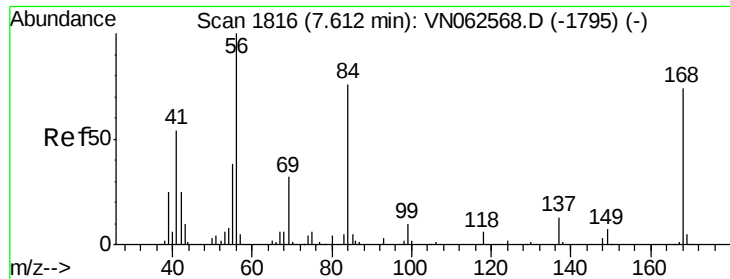
MMDadoda
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#30
Chloroform
Concen: 18.465 ug/l
RT: 7.33 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VN062646.D
Acq: 29 Jul 2020 11:44

Tgt Ion	Ratio	Lower	Upper
83	100		
85	67.4	52.0	78.0





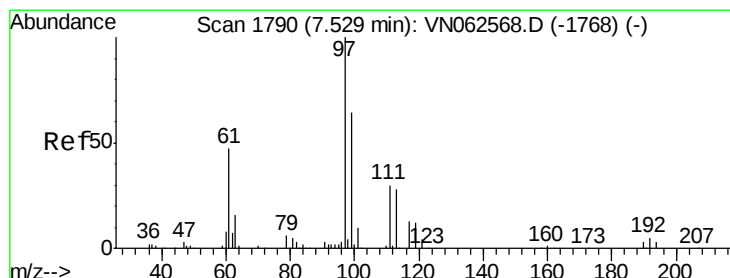
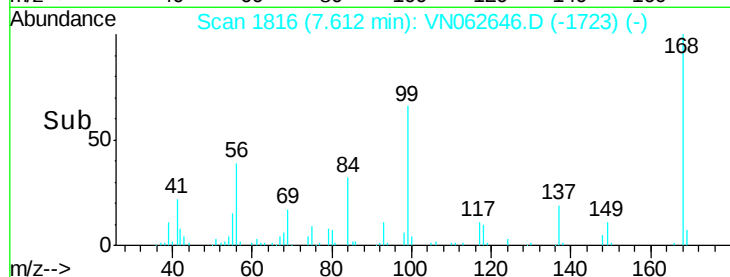
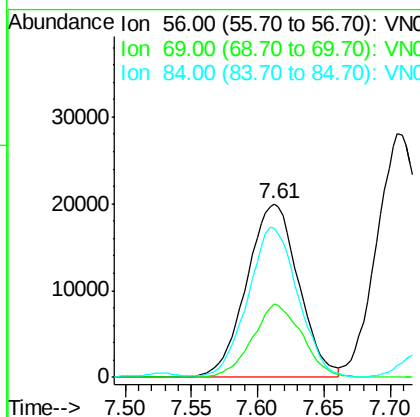
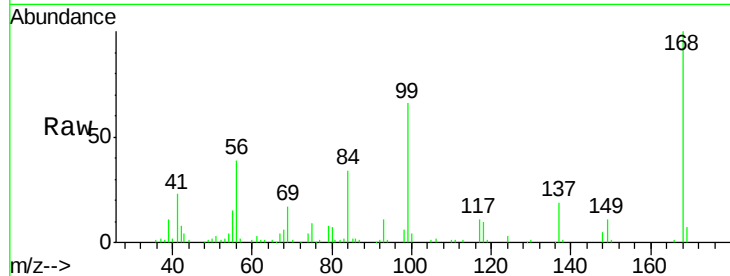
#31
Cyclohexane
Concen: 15.896 ug/l
RT: 7.61 min Scan# 1816
Delta R.T. -0.00 min
Lab File: VN062646.D
Acq: 29 Jul 2020 11:44

Instrument :
MSVOA_N
ClientSampleId :
VN0729WBS01

Tgt Ion	Ratio	Lower	Upper
56	100		
69	42.4	25.3	37.9#
84	85.2	61.0	91.4

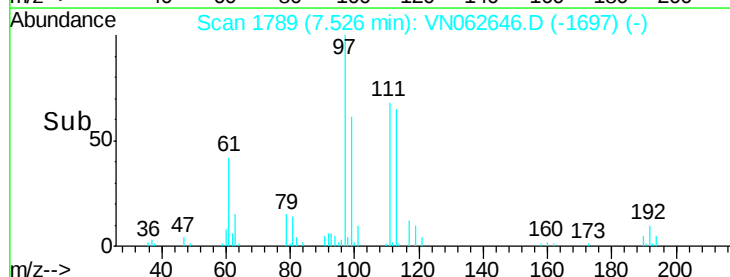
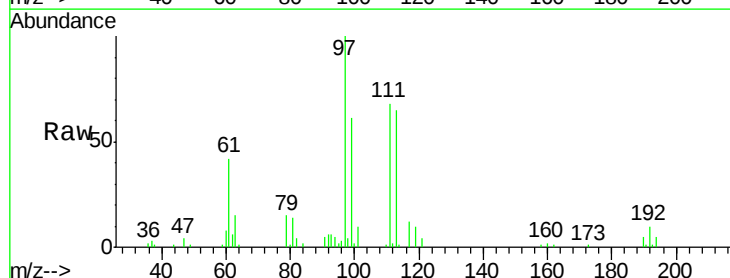
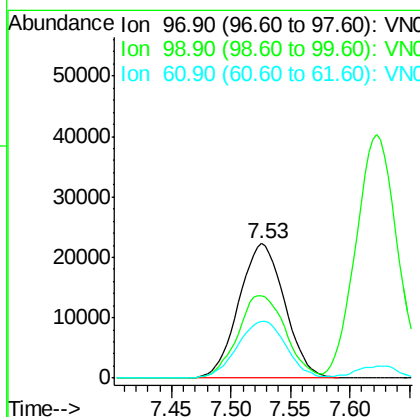
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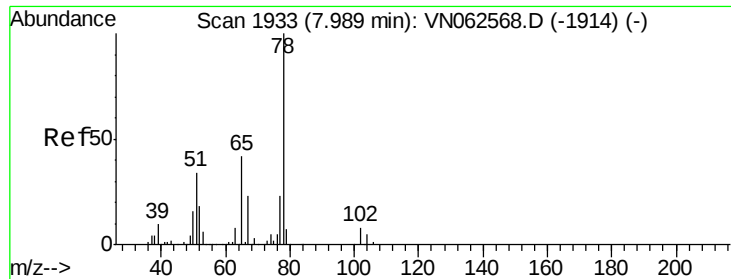
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#32
1,1,1-Trichloroethane
Concen: 20.126 ug/l
RT: 7.53 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VN062646.D
Acq: 29 Jul 2020 11:44

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.7	51.2	76.8
61	44.8	38.4	57.6





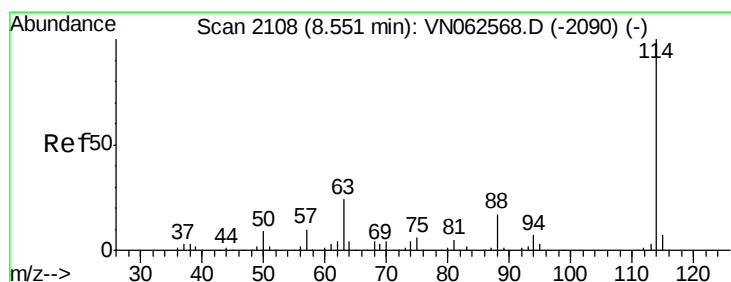
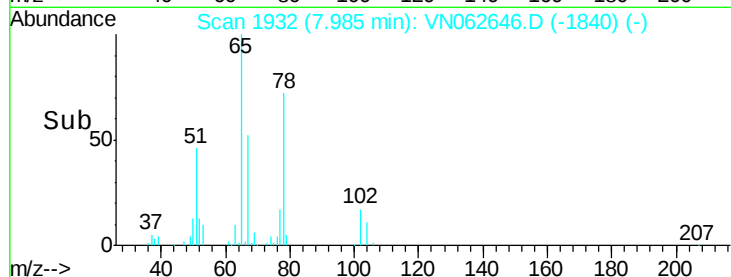
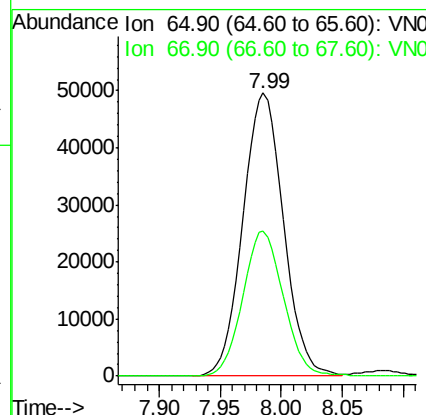
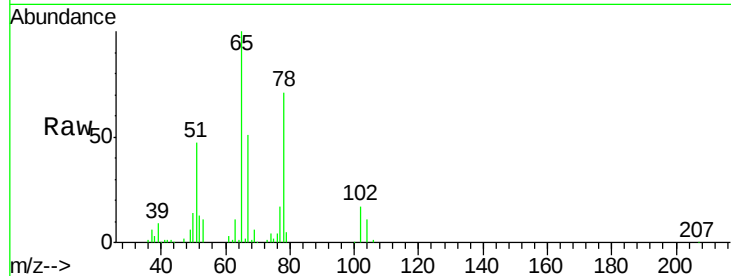
#33
 1,2-Dichloroethane-d4
 Concen: 49.030 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: VN062646.D
 Acq: 29 Jul 2020 11:44

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0729WBS01

Tgt Ion: 65 Resp: 114251
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 106.0

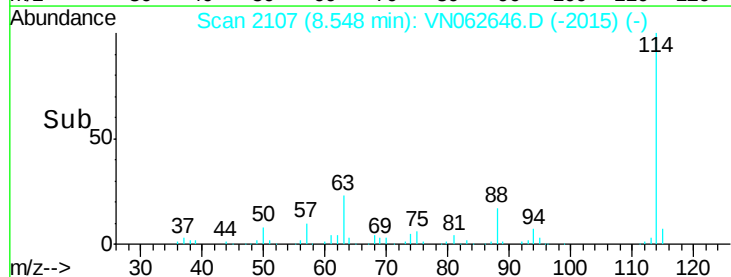
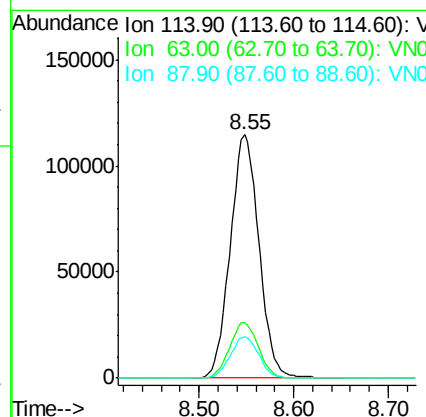
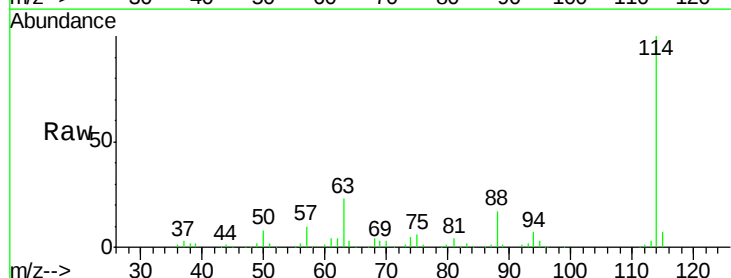
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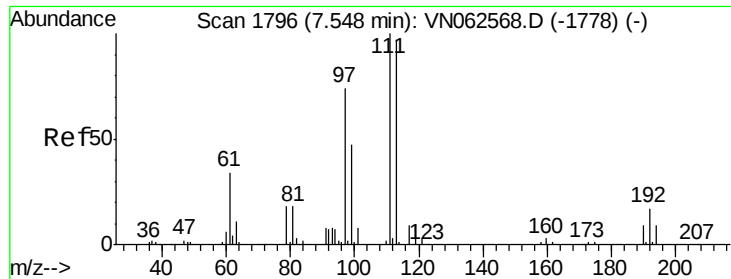
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN062646.D
 Acq: 29 Jul 2020 11:44

Tgt Ion: 114 Resp: 242345
 Ion Ratio Lower Upper
 114 100
 63 22.9 0.0 48.4
 88 16.8 0.0 33.8





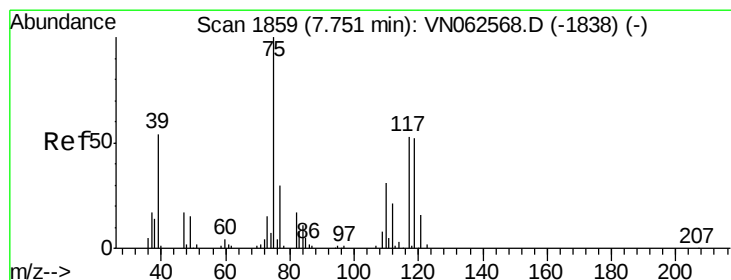
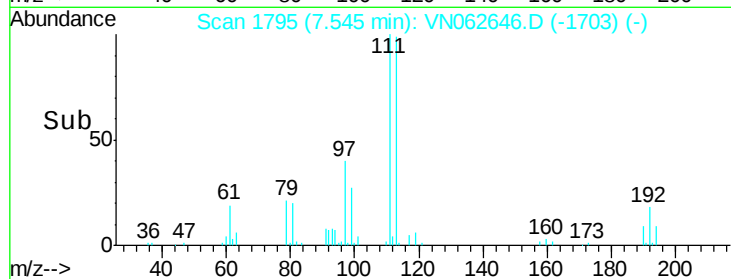
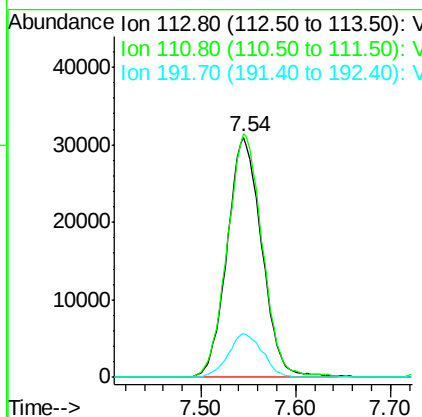
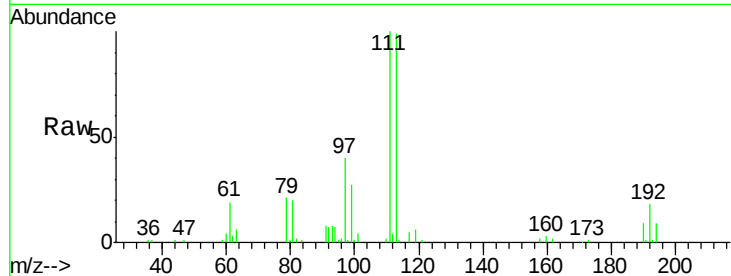
#35
Dibromofluoromethane
Concen: 49.404 ug/l
RT: 7.54 min Scan# 1795
Delta R.T. -0.00 min
Lab File: VN062646.D
Acq: 29 Jul 2020 11:44

Instrument :
MSVOA_N
ClientSampleId :
VN0729WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	78644		
111	102.3	82.7	124.1	
192	17.9	14.8	22.2	

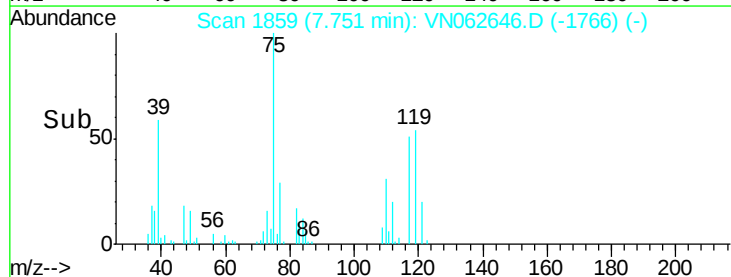
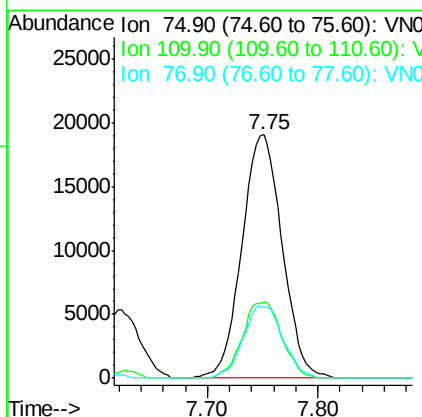
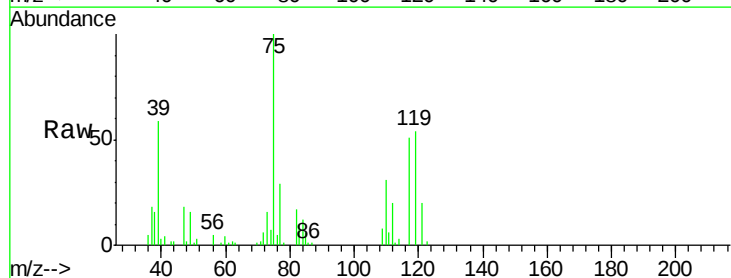
Manual Integrations
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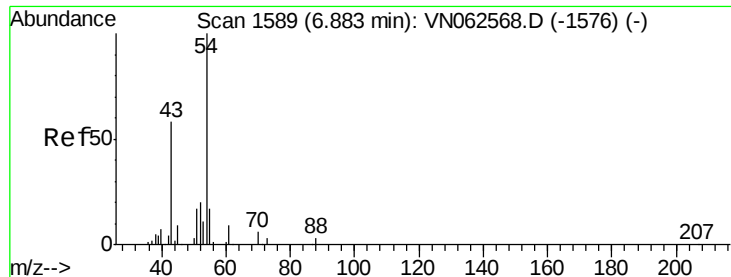
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#36
1,1-Dichloropropene
Concen: 18.638 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. -0.00 min
Lab File: VN062646.D
Acq: 29 Jul 2020 11:44

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	48144		
110	30.4	16.0	48.0	
77	29.5	24.6	36.8	





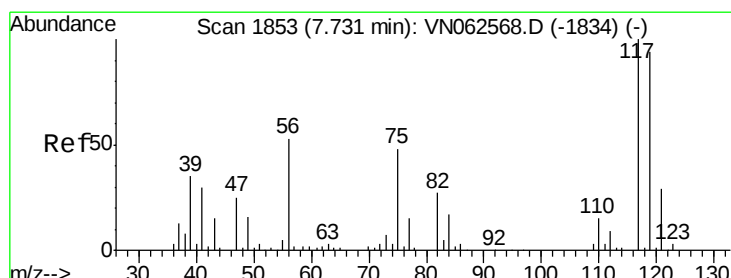
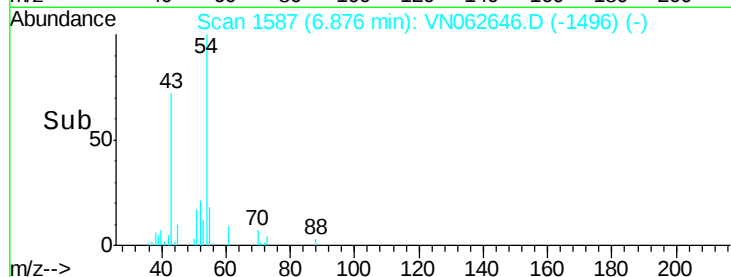
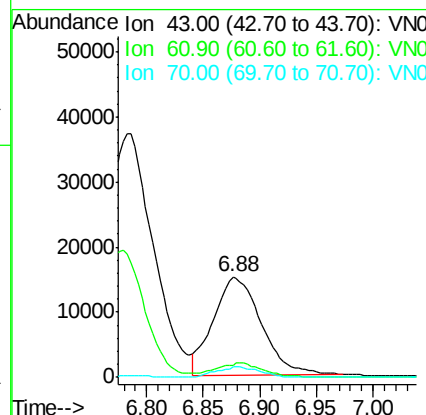
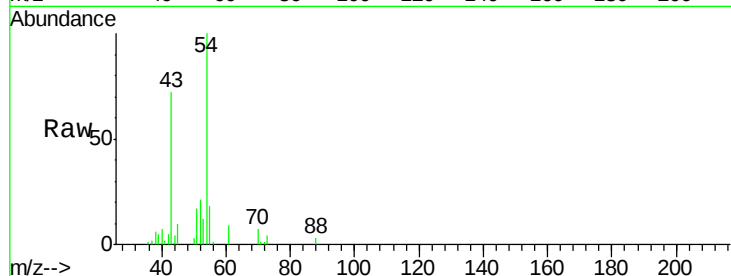
#37
Ethyl Acetate
 Concen: 16.145 ug/l
 RT: 6.88 min Scan# 1587
 Delta R.T. -0.01 min
 Lab File: VN062646.D
 Acq: 29 Jul 2020 11:44

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0729WBS01

Tgt Ion	Ratio	Lower	Upper
43	100		
61	14.2	11.3	16.9
70	9.6	7.7	11.5

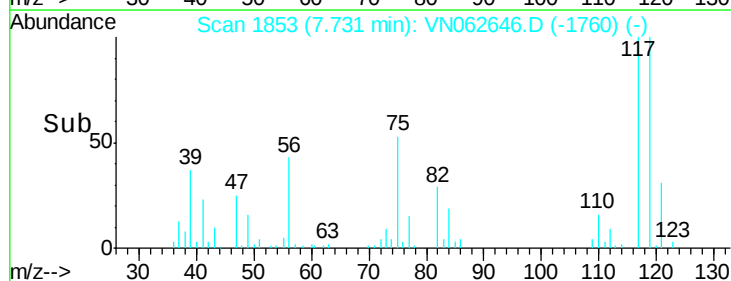
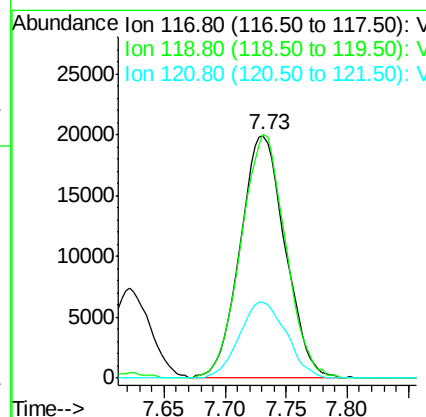
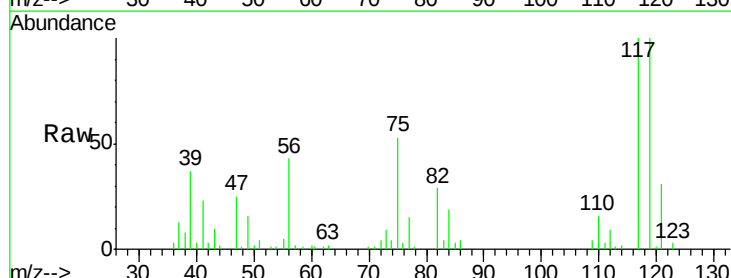
Manual Integrations
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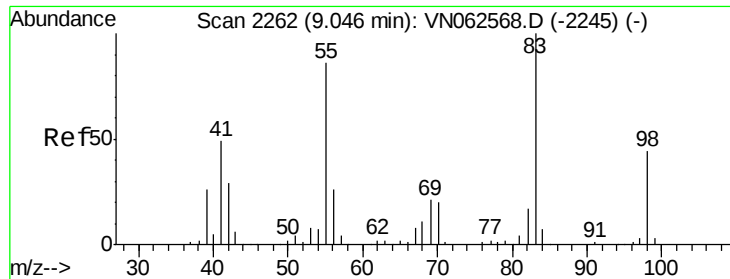
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 7/30/2020 6:21:02 PM



#38
Carbon Tetrachloride
 Concen: 20.529 ug/l
 RT: 7.73 min Scan# 1853
 Delta R.T. -0.00 min
 Lab File: VN062646.D
 Acq: 29 Jul 2020 11:44

Tgt Ion	Ratio	Lower	Upper
117	100		
119	100.3	74.8	112.2
121	31.3	23.0	34.6





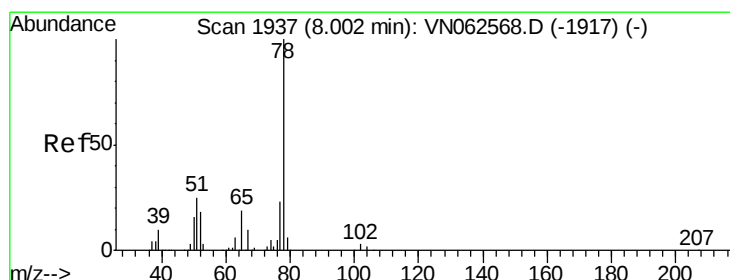
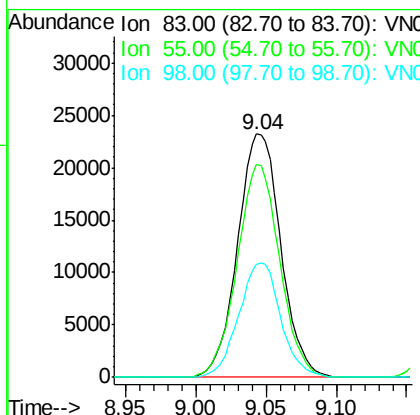
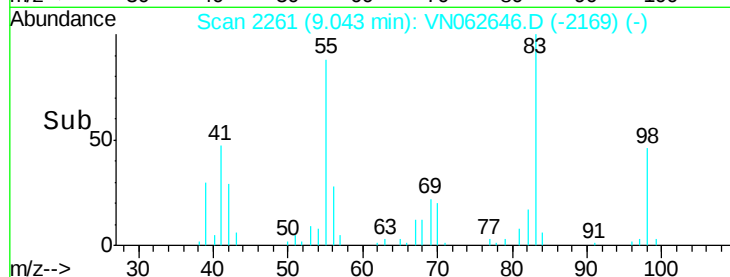
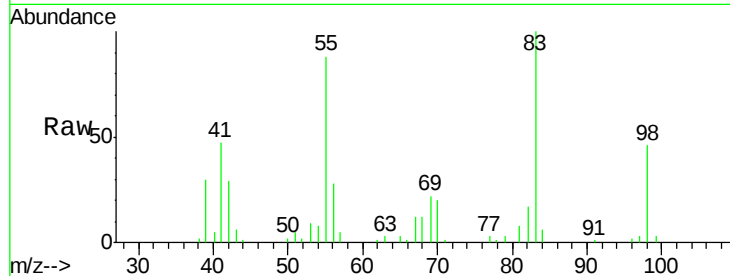
#39
Methylcyclohexane
Concen: 17.923 ug/l
RT: 9.04 min Scan# 2261
Delta R.T. -0.00 min
Lab File: VN062646.D
Acq: 29 Jul 2020 11:44

Instrument :
MSVOA_N
ClientSampleId :
VN0729WBS01

Tgt Ion	Ratio	Lower	Upper
83	100		
55	87.6	68.9	103.3
98	46.2	35.1	52.7

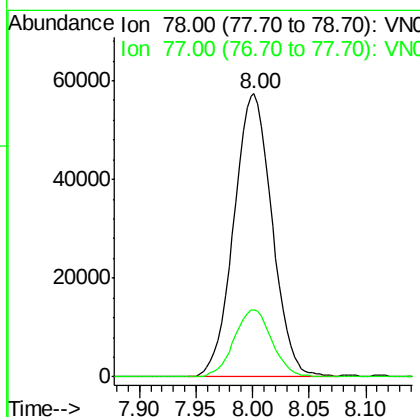
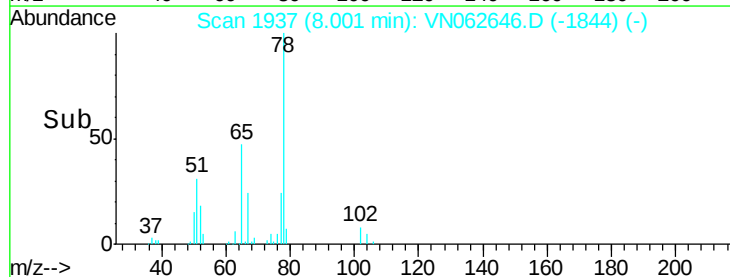
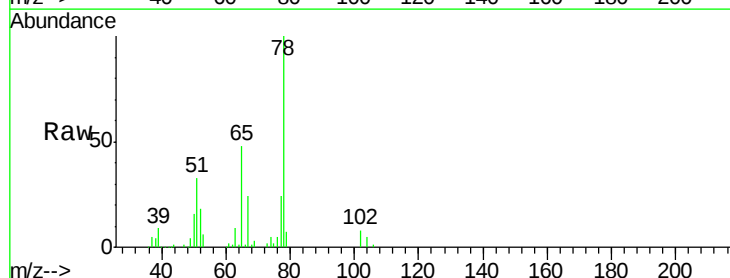
Manual Integrations
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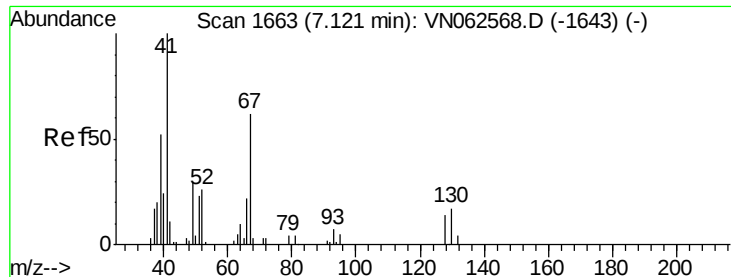
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#40
Benzene
Concen: 17.243 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN062646.D
Acq: 29 Jul 2020 11:44

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.9	18.7	28.1





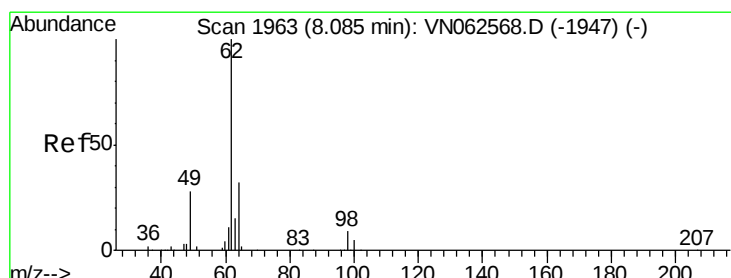
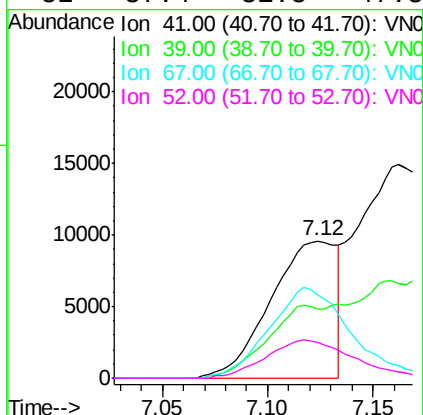
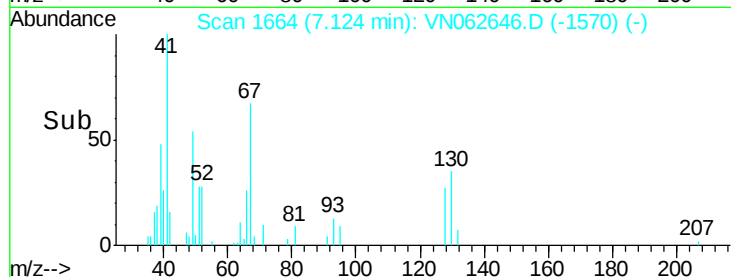
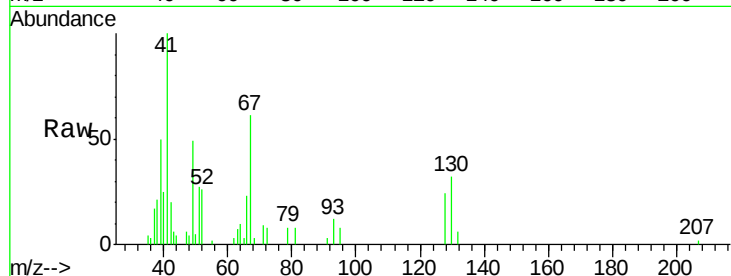
#41
Methacrylonitrile
Concen: 17.542 ug/l
RT: 7.12 min Scan# 1664
Delta R.T. 0.00 min
Lab File: VN062646.D
Acq: 29 Jul 2020 11:44

Instrument :
MSVOA_N
ClientSampleId :
VN0729WBS01

Tgt Ion	Ratio	Lower	Upper
41	100		
39	40.5	55.8	83.6#
67	81.8	72.5	108.7
52	37.4	31.8	47.8

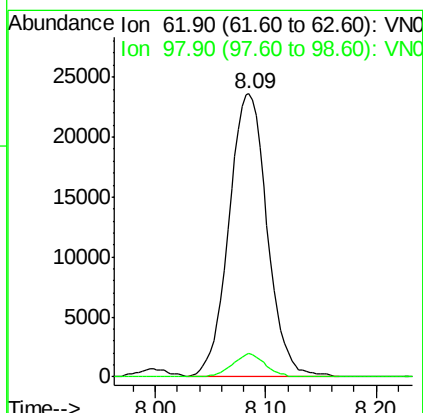
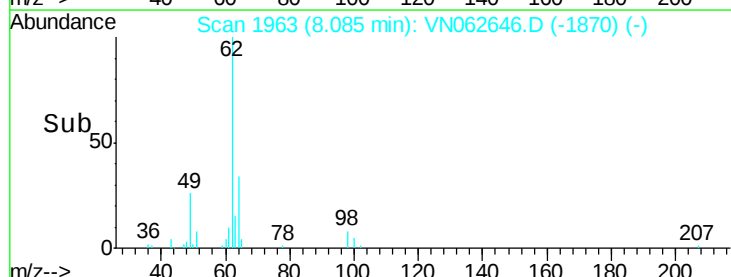
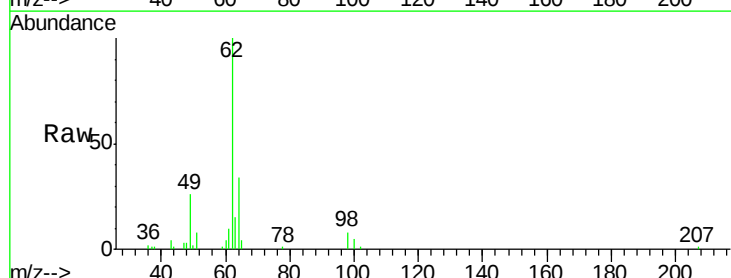
Manual Integrations
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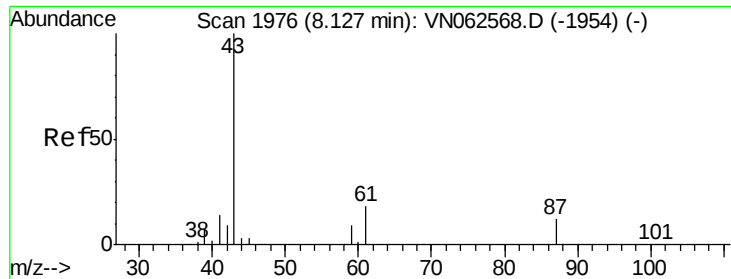
MMDadoda
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#42
1,2-Dichloroethane
Concen: 19.834 ug/l
RT: 8.09 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VN062646.D
Acq: 29 Jul 2020 11:44

Tgt Ion	Ratio	Lower	Upper
62	100		
98	7.0	0.0	16.2





#43

Isopropyl Acetate

Concen: 16.076 ug/l

RT: 8.12 min Scan# 1975

Delta R.T. -0.00 min

Lab File: VN062646.D

Acq: 29 Jul 2020 11:44

Instrument :

MSVOA_N

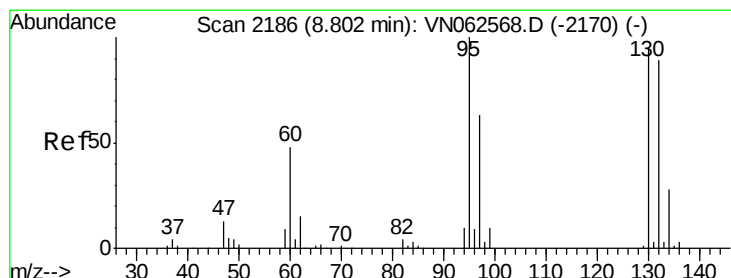
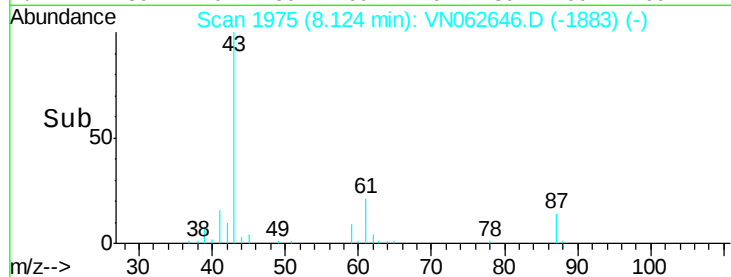
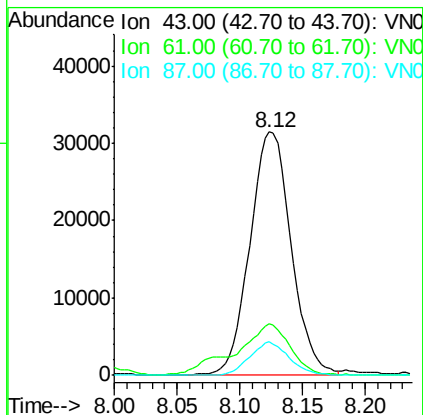
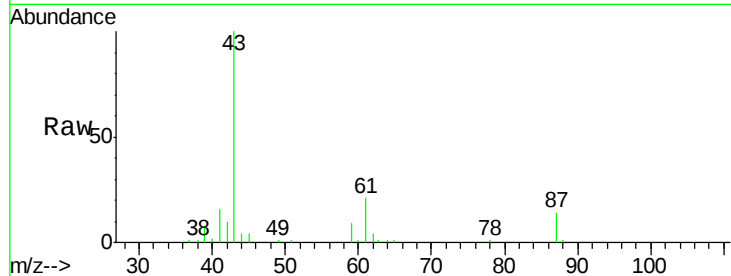
ClientSampleId :

VN0729WBS01

Tgt Ion:	43	Resp:	72164
Ion	Ratio	Lower	Upper
43	100		
61	28.1	20.8	31.2
87	12.9	9.2	13.8

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#44

Trichloroethene

Concen: 18.182 ug/l

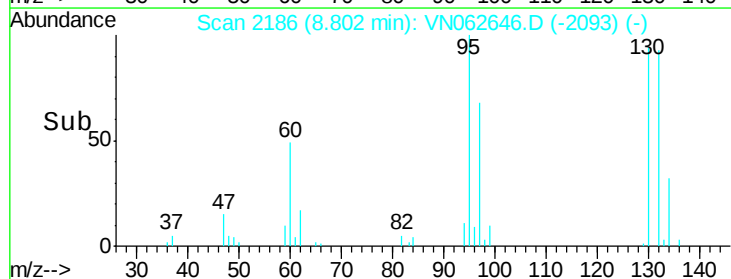
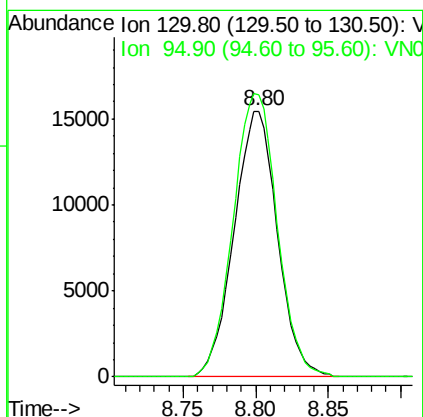
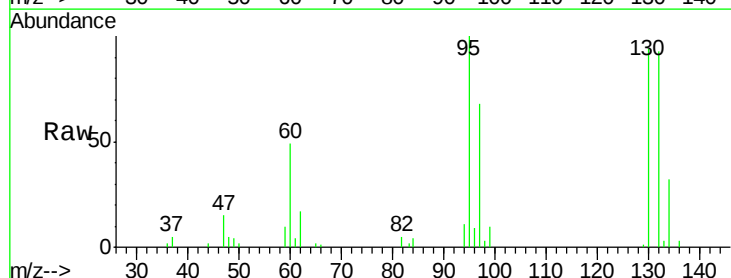
RT: 8.80 min Scan# 2186

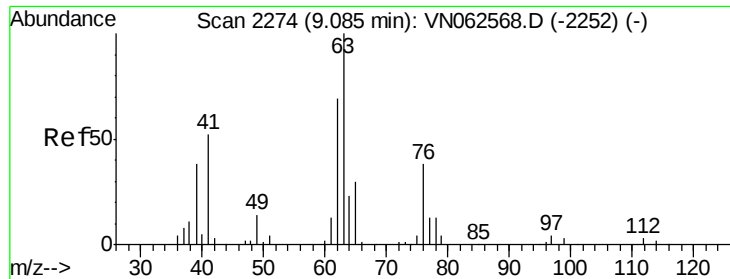
Delta R.T. -0.00 min

Lab File: VN062646.D

Acq: 29 Jul 2020 11:44

Tgt Ion:	130	Resp:	32065
Ion	Ratio	Lower	Upper
130	100		
95	106.3	0.0	210.4





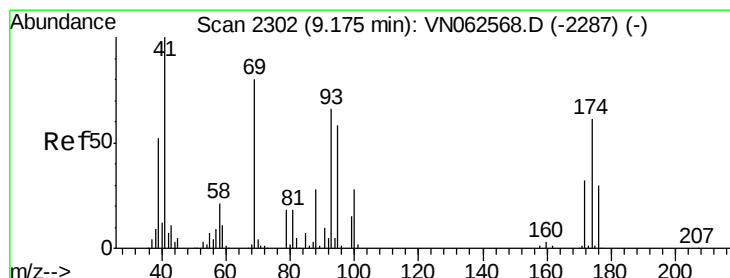
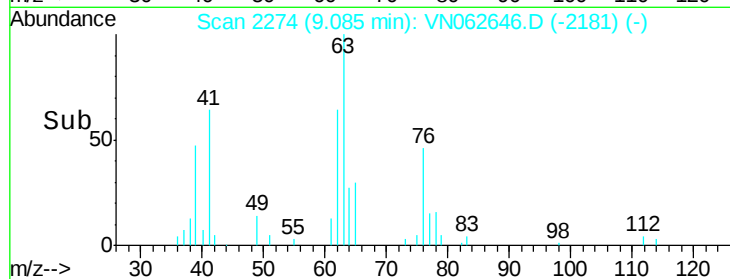
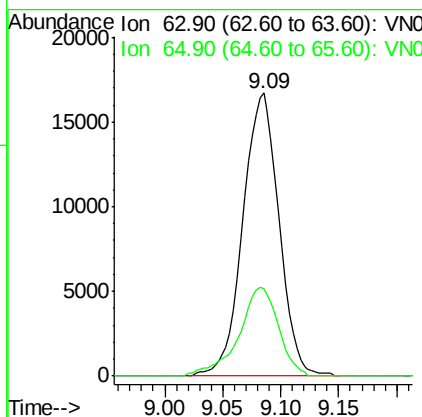
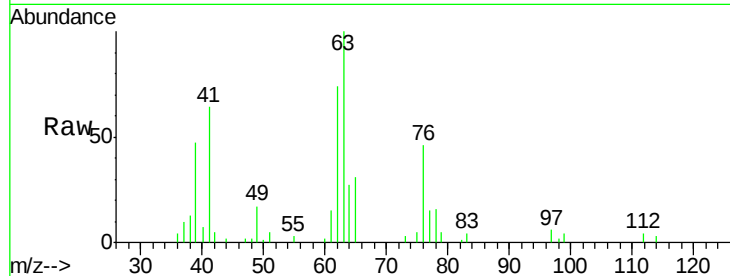
#45
 1,2-Dichloropropane
 Concen: 16.520 ug/l
 RT: 9.09 min Scan# 2274
 Delta R.T. -0.00 min
 Lab File: VN062646.D
 Acq: 29 Jul 2020 11:44

Instrument :
 MSVOA_N
 ClientSampled :
 VN0729WBS01

Tgt Ion: 63 Resp: 36273
 Ion Ratio Lower Upper
 63 100
 65 30.8 24.4 36.6

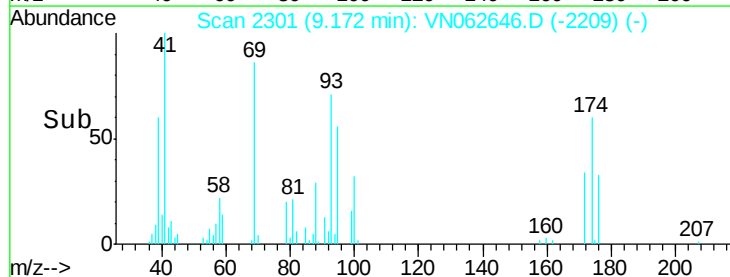
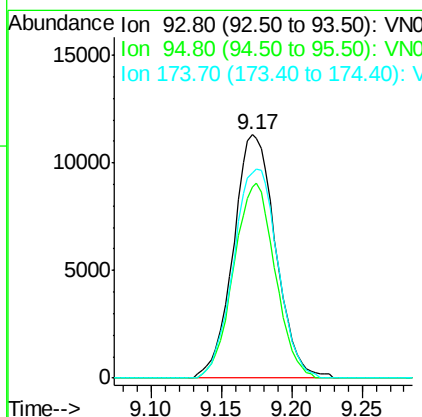
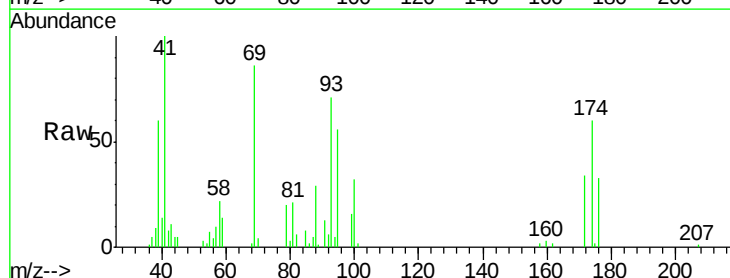
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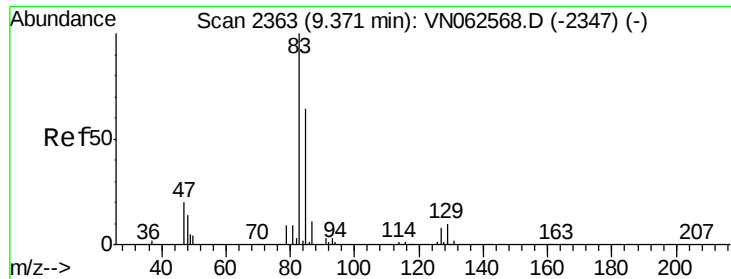
MMDadoda
 7/30/2020 6:21:02 PM



#46
 Dibromomethane
 Concen: 18.726 ug/l
 RT: 9.17 min Scan# 2301
 Delta R.T. -0.00 min
 Lab File: VN062646.D
 Acq: 29 Jul 2020 11:44

Tgt Ion: 93 Resp: 23765
 Ion Ratio Lower Upper
 93 100
 95 78.0 67.6 101.4
 174 89.4 72.5 108.7





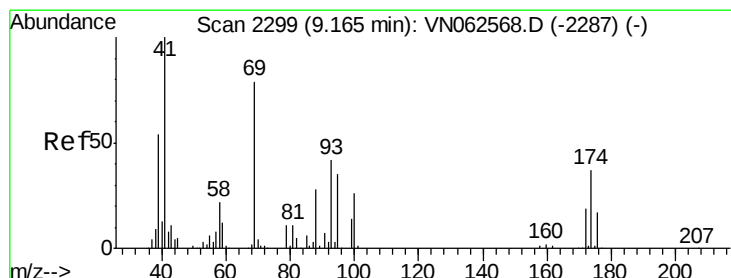
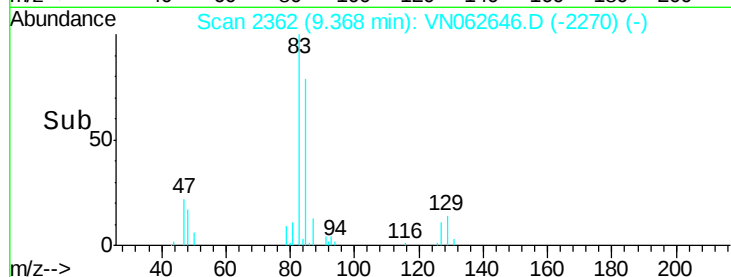
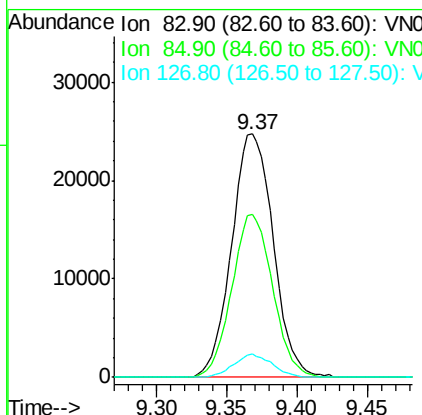
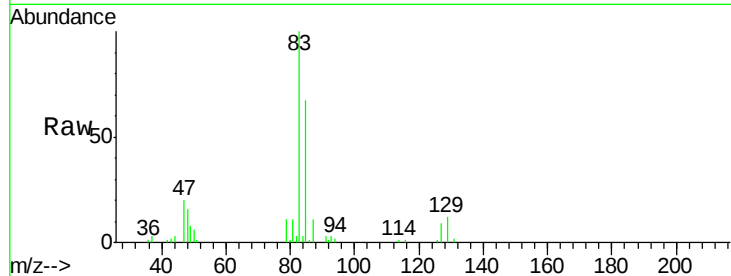
#47
 Bromodichloromethane
 Concen: 18.610 ug/l
 RT: 9.37 min Scan# 2362
 Delta R.T. -0.00 min
 Lab File: VN062646.D
 Acq: 29 Jul 2020 11:44

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0729WBS01

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.8	51.6	77.4
127	9.4	6.2	9.2#

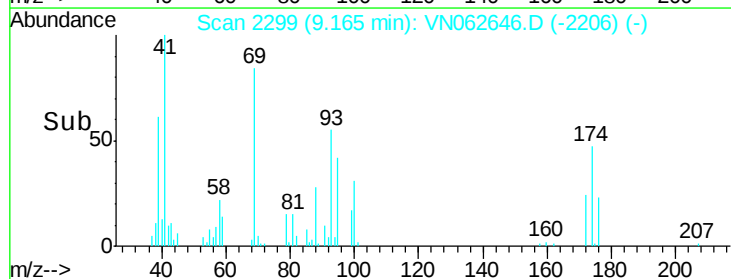
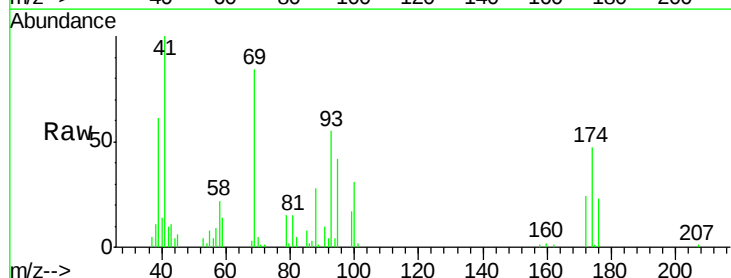
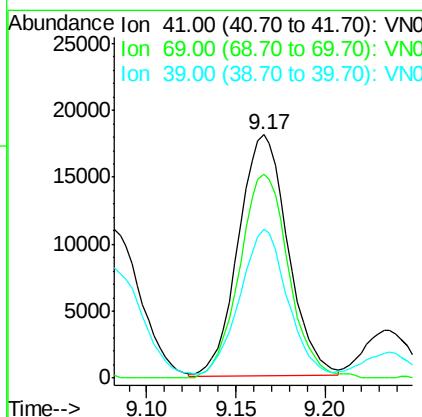
Manual Integrations
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#48
 Methyl methacrylate
 Concen: 16.401 ug/l
 RT: 9.17 min Scan# 2299
 Delta R.T. -0.00 min
 Lab File: VN062646.D
 Acq: 29 Jul 2020 11:44

Tgt Ion	Ratio	Lower	Upper
41	100		
69	83.7	64.4	96.6
39	60.1	43.5	65.3





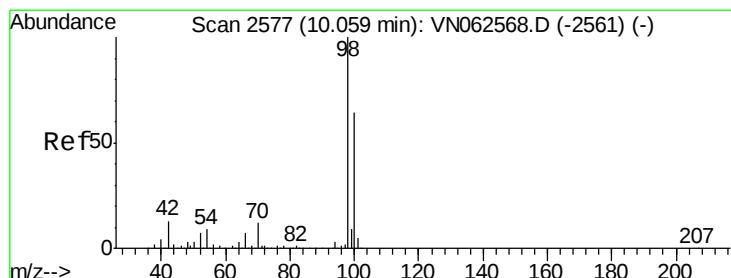
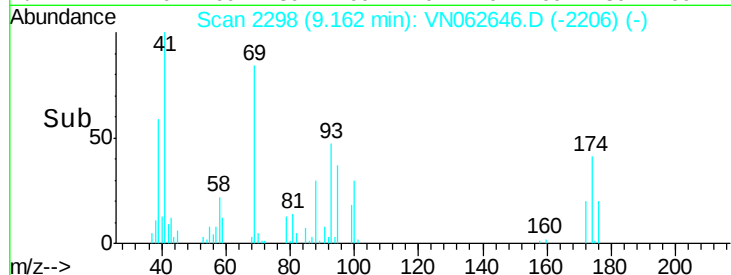
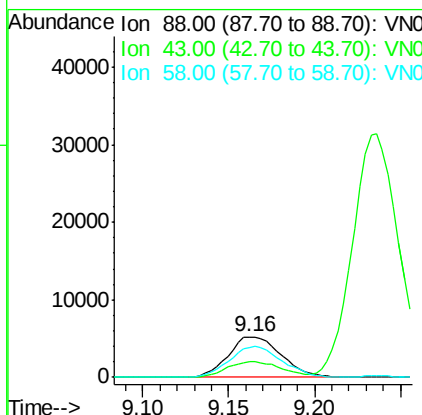
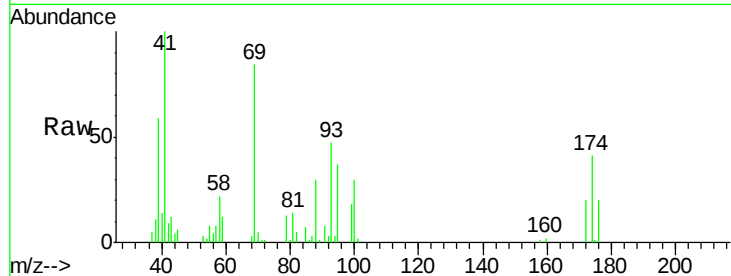
#49
1,4-Dioxane
Concen: 341.592 ug/l
RT: 9.16 min Scan# 2298
Delta R.T. -0.00 min
Lab File: VN062646.D
Acq: 29 Jul 2020 11:44

Instrument :
MSVOA_N
ClientSampleId :
VN0729WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
88	100	11195		
43	40.5	32.0	48.0	
58	75.2	62.8	94.2	

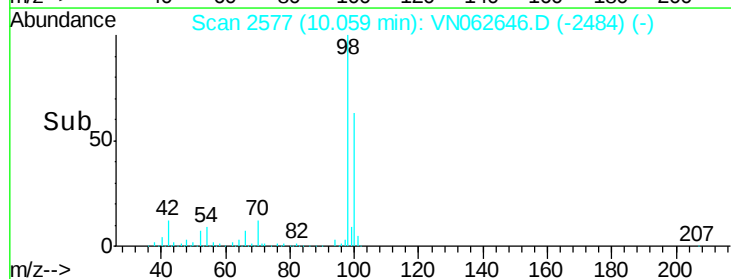
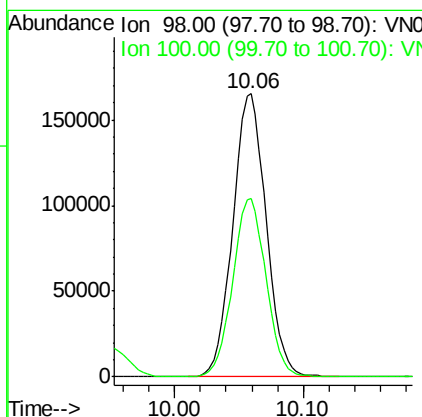
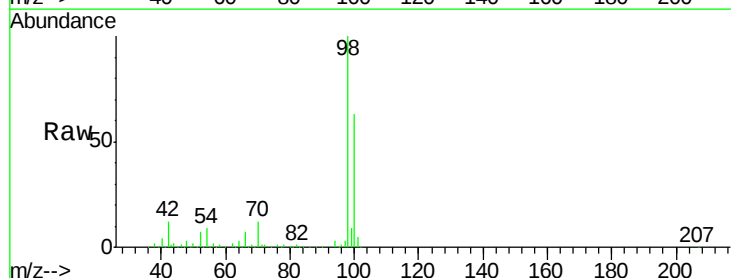
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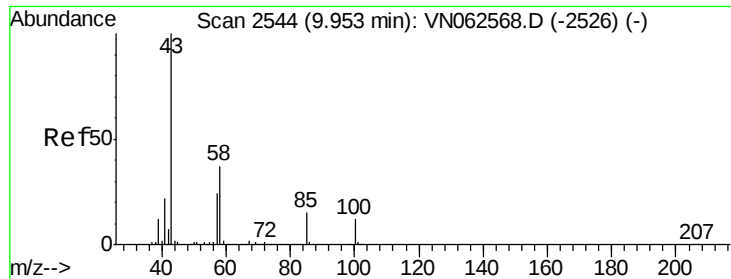
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#50
Toluene-d8
Concen: 46.745 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN062646.D
Acq: 29 Jul 2020 11:44

Tgt Ion	Ratio	Resp	Lower	Upper
98	100	296895		
100	63.0	50.9	76.3	





#51

4-Methyl-2-Pentanone

Concen: 82.310 ug/l

RT: 9.95 min Scan# 2543

Delta R.T. -0.00 min

Lab File: VN062646.D

Acq: 29 Jul 2020 11:44

Instrument :

MSVOA_N

ClientSampleId :

VN0729WBS01

Tgt Ion: 43 Resp: 221071

Ion Ratio Lower Upper

43 100

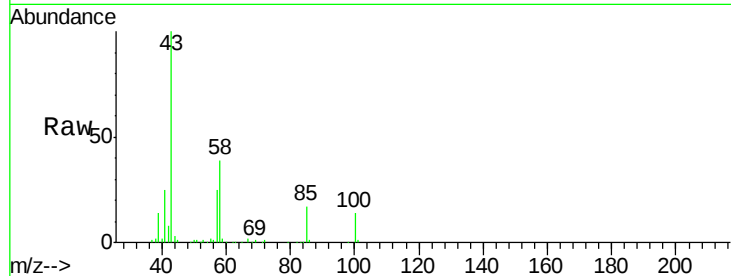
58 37.7 29.8 44.6

Manual Integrations

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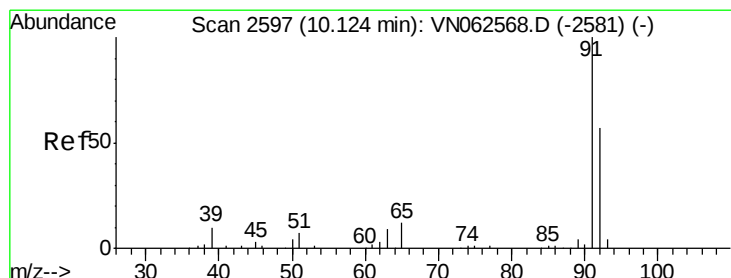
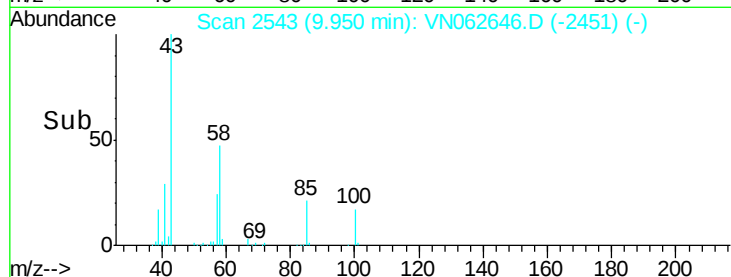
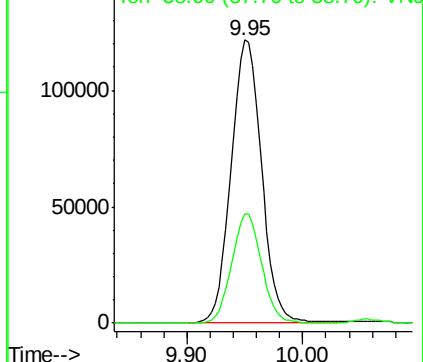
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 18.133 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN062646.D

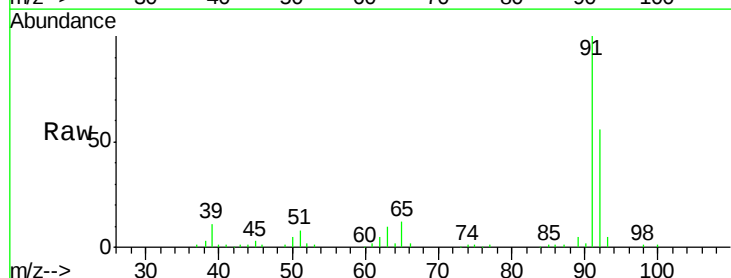
Acq: 29 Jul 2020 11:44

Tgt Ion: 92 Resp: 82341

Ion Ratio Lower Upper

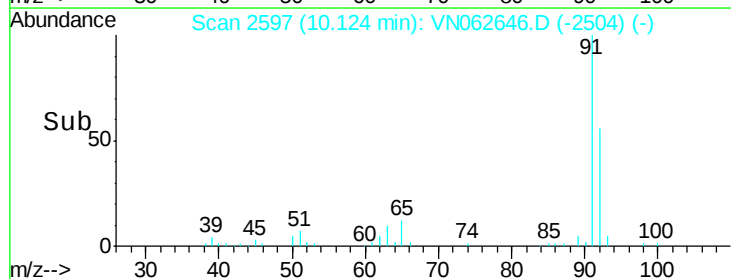
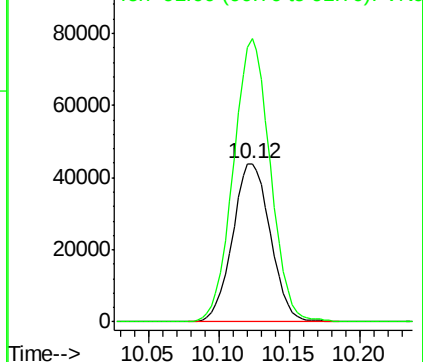
92 100

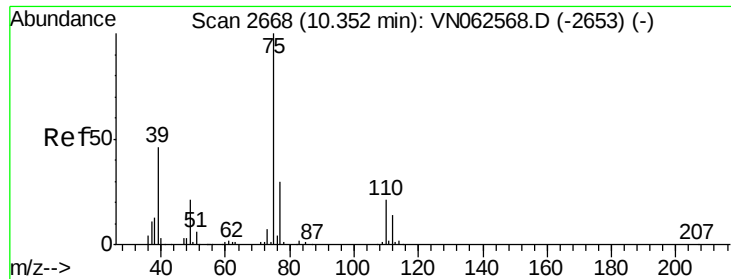
91 174.7 139.4 209.2



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





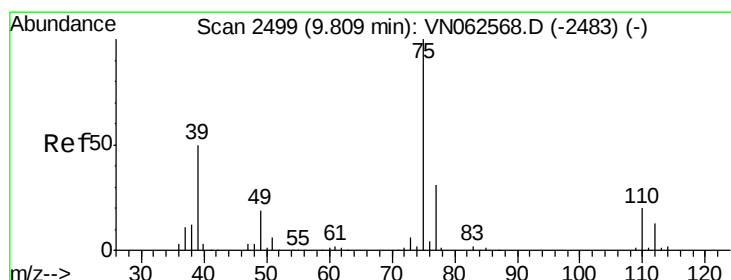
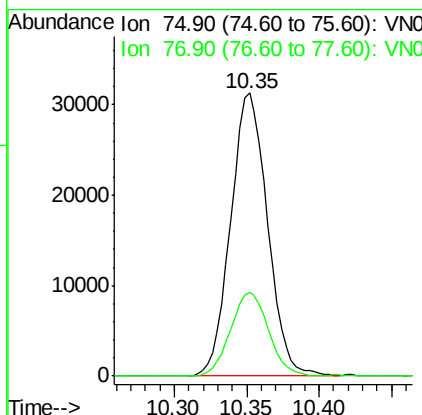
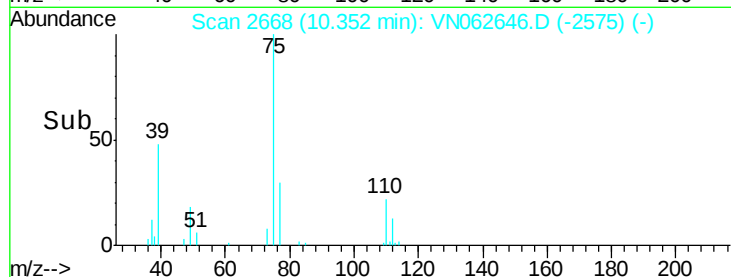
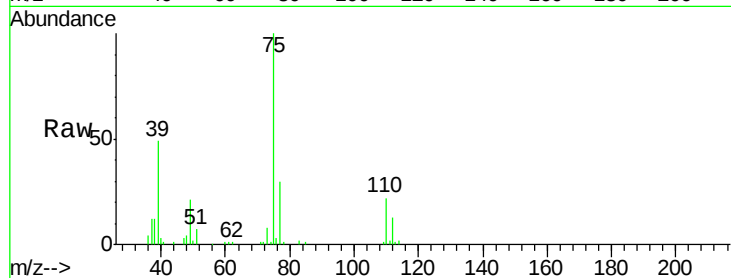
#53
t-1,3-Dichloropropene
Concen: 18.070 ug/l
RT: 10.35 min Scan# 2668
Delta R.T. -0.00 min
Lab File: VN062646.D
Acq: 29 Jul 2020 11:44

Instrument :
MSVOA_N
ClientSampleId :
VN0729WBS01

Tgt Ion: 75 Resp: 55307
Ion Ratio Lower Upper
75 100
77 29.8 24.3 36.5

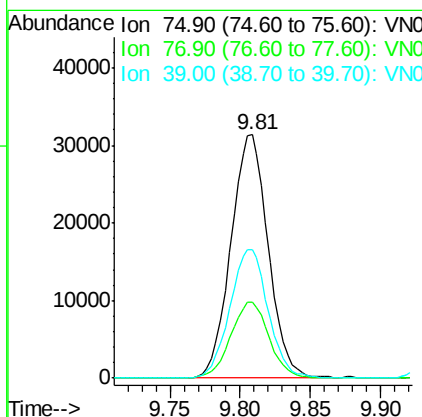
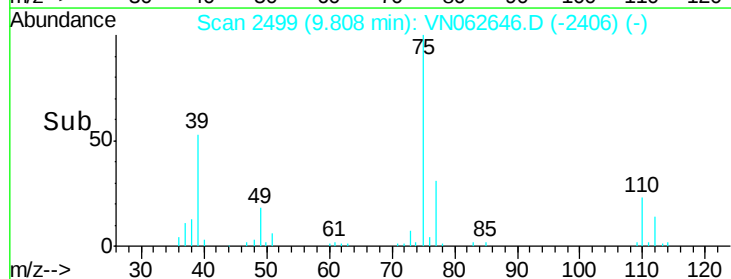
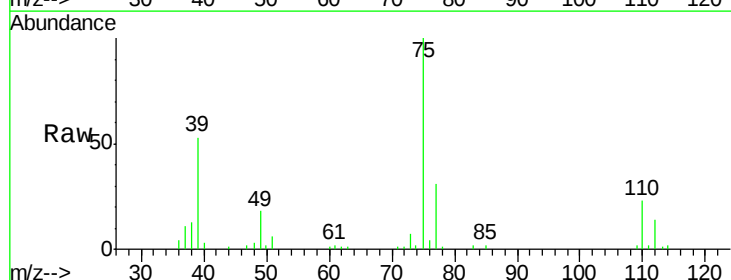
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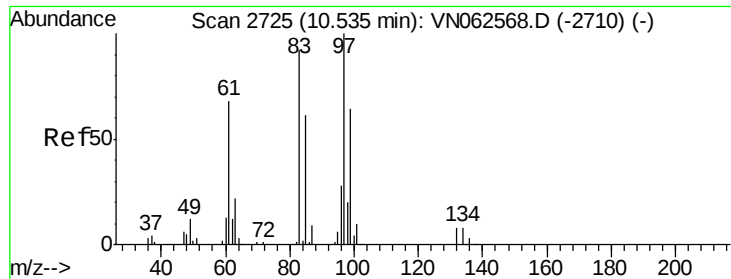
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#54
cis-1,3-Dichloropropene
Concen: 17.706 ug/l
RT: 9.81 min Scan# 2499
Delta R.T. -0.00 min
Lab File: VN062646.D
Acq: 29 Jul 2020 11:44

Tgt Ion: 75 Resp: 58149
Ion Ratio Lower Upper
75 100
77 31.1 25.0 37.6
39 53.0 39.8 59.8





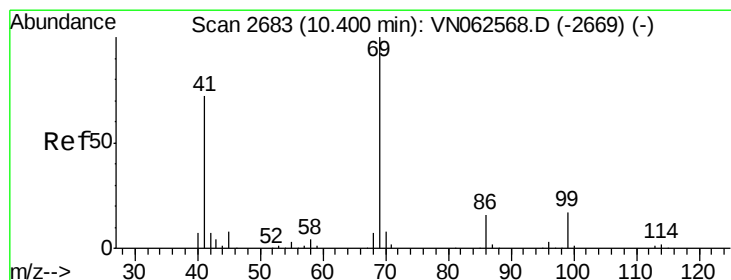
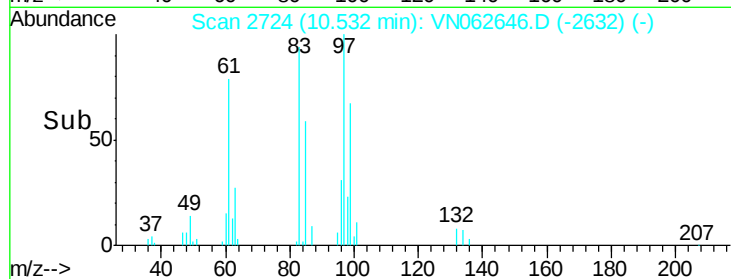
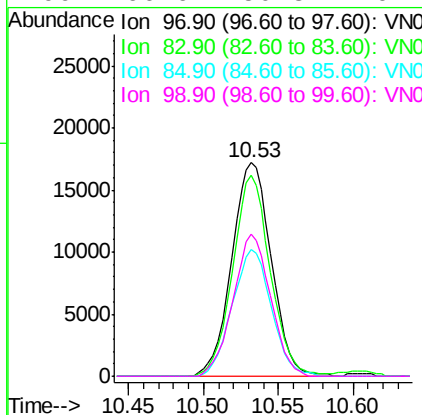
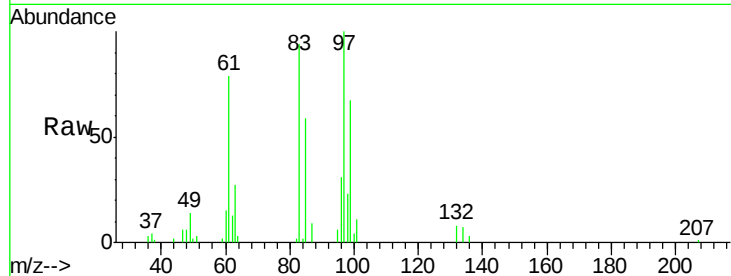
#55
 1,1,2-Trichloroethane
 Concen: 17.911 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. -0.00 min
 Lab File: VN062646.D
 Acq: 29 Jul 2020 11:44

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0729WBS01

Tgt Ion	Ratio	Lower	Upper
97	100		
83	93.8	73.7	110.5
85	59.2	48.5	72.7
99	66.6	50.8	76.2

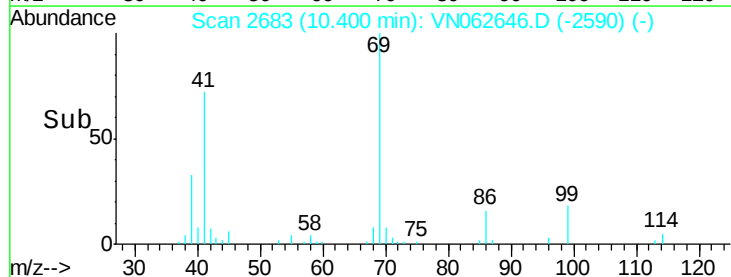
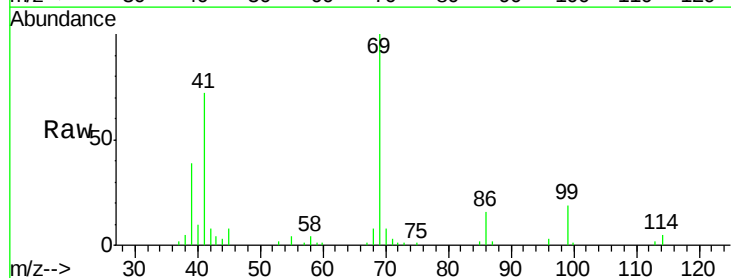
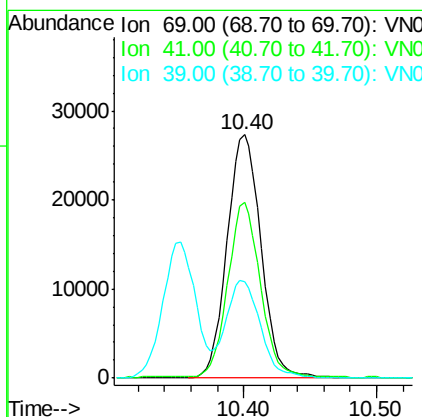
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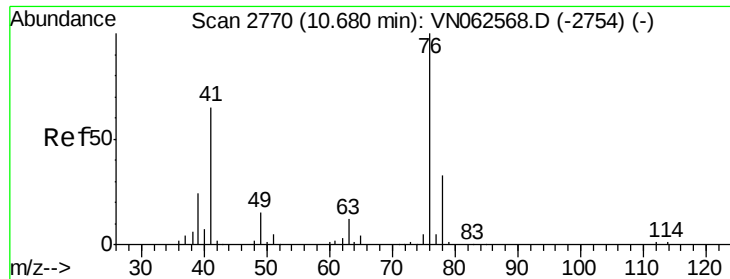
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#56
 Ethyl methacrylate
 Concen: 16.611 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. 0.00 min
 Lab File: VN062646.D
 Acq: 29 Jul 2020 11:44

Tgt Ion	Ratio	Lower	Upper
69	100		
41	70.2	57.2	85.8
39	41.4	28.6	43.0





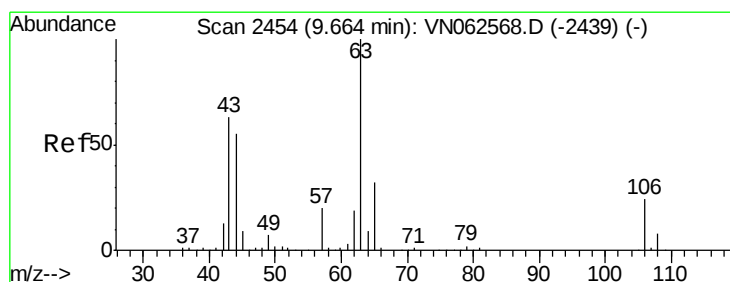
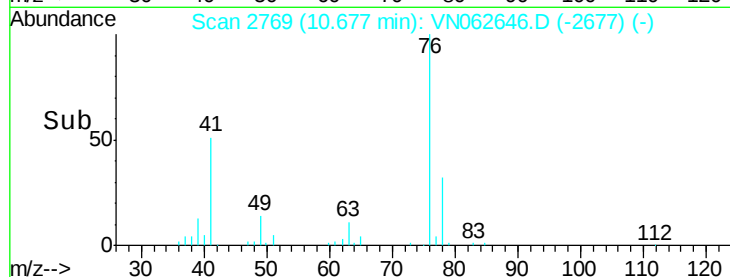
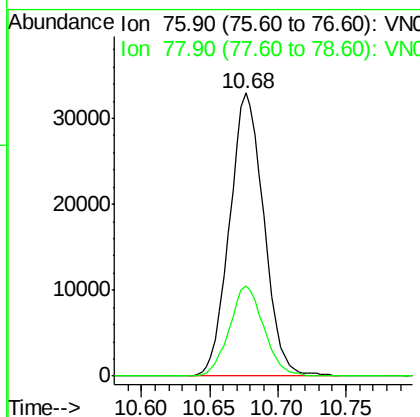
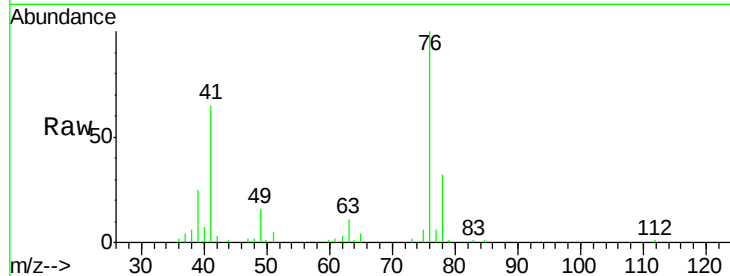
#57
 1,3-Dichloropropane
 Concen: 17.790 ug/l
 RT: 10.68 min Scan# 2769
 Delta R.T. -0.00 min
 Lab File: VN062646.D
 Acq: 29 Jul 2020 11:44

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0729WBS01

Tgt Ion: 76 Resp: 57408
 Ion Ratio Lower Upper
 76 100
 78 32.0 26.3 39.5

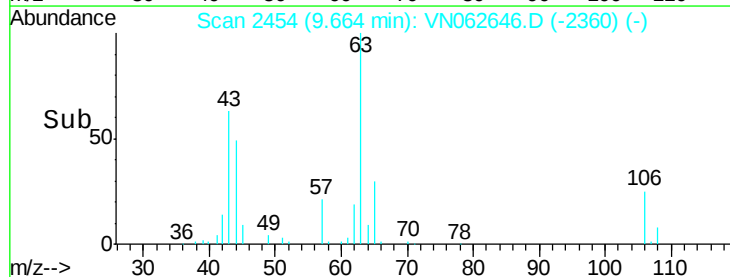
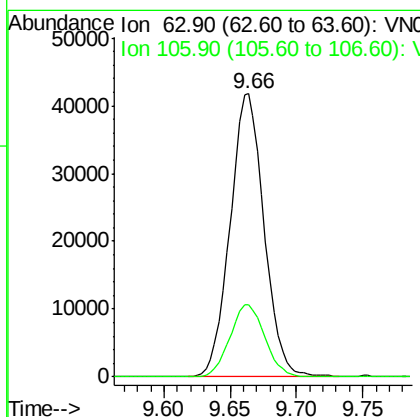
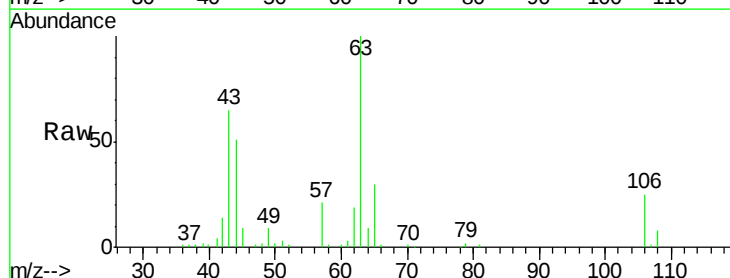
Manual Integrations
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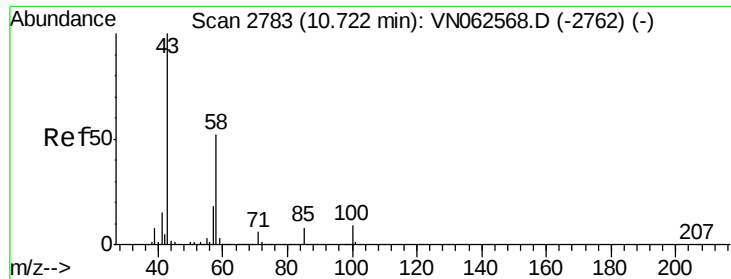
MMDadoda
 7/30/2020 6:21:02 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 89.496 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. 0.00 min
 Lab File: VN062646.D
 Acq: 29 Jul 2020 11:44

Tgt Ion: 63 Resp: 74364
 Ion Ratio Lower Upper
 63 100
 106 26.0 18.9 28.3





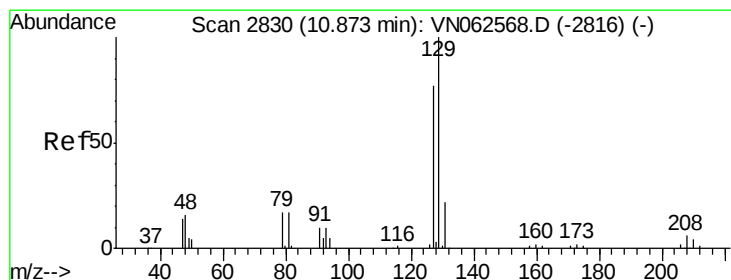
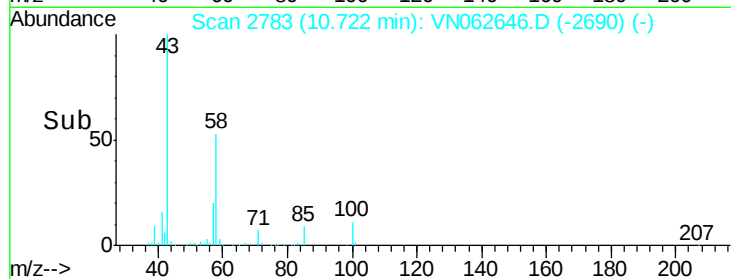
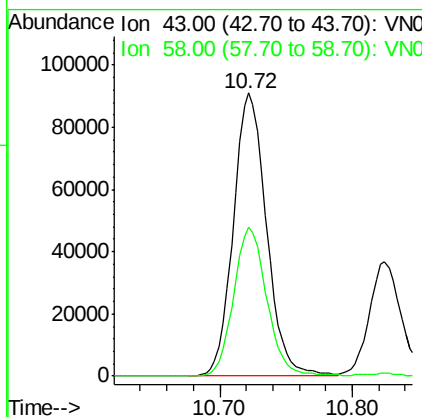
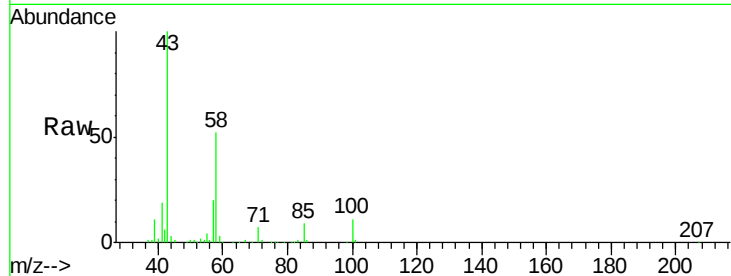
#59
2-Hexanone
Concen: 78.154 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. 0.00 min
Lab File: VN062646.D
Acq: 29 Jul 2020 11:44

Instrument :
MSVOA_N
ClientSampleId :
VN0729WBS01

Tgt Ion: 43 Resp: 158061
Ion Ratio Lower Upper
43 100
58 52.5 26.0 78.0

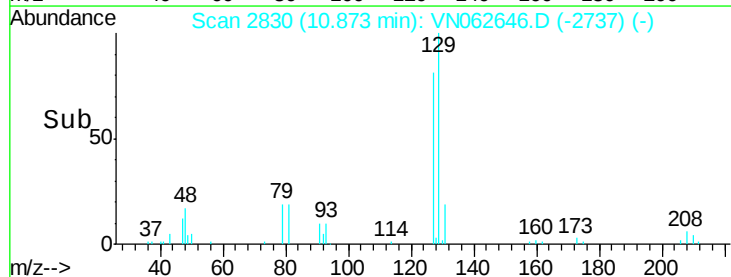
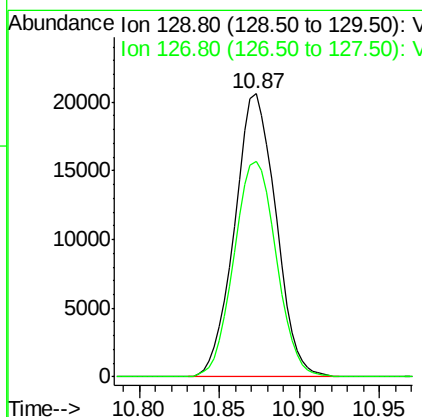
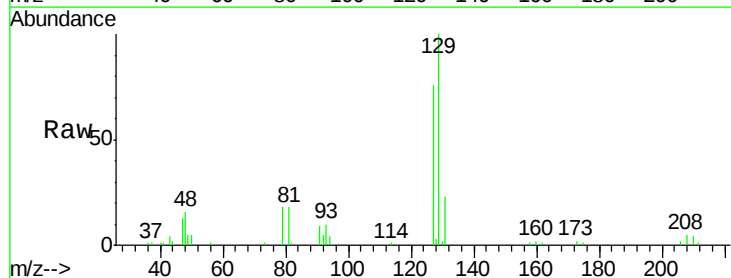
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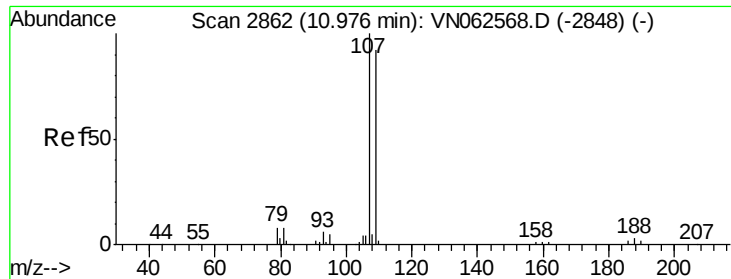
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#60
Dibromochloromethane
Concen: 18.531 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN062646.D
Acq: 29 Jul 2020 11:44

Tgt Ion: 129 Resp: 36413
Ion Ratio Lower Upper
129 100
127 77.8 38.0 113.9





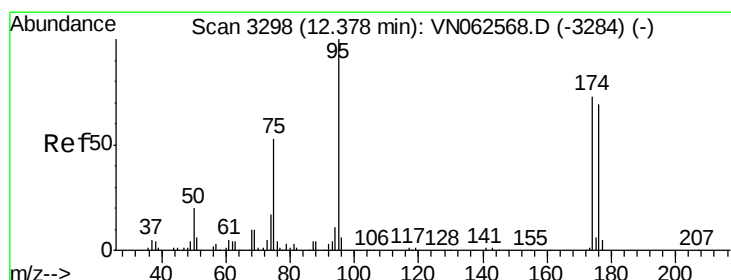
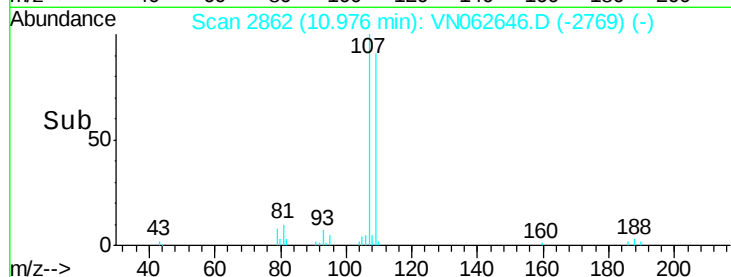
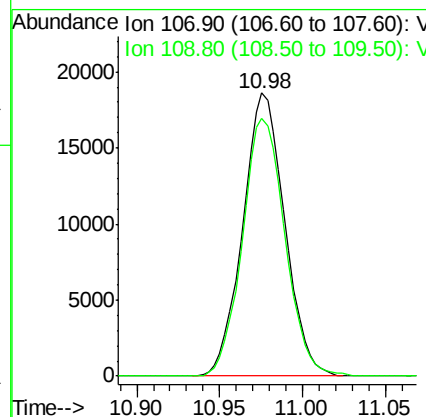
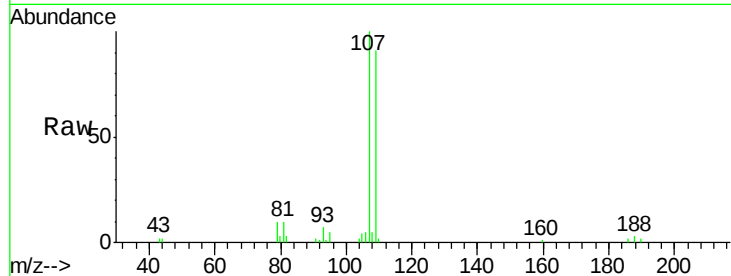
#61
 1,2-Dibromoethane
 Concen: 17.818 ug/l
 RT: 10.98 min Scan# 2862
 Delta R.T. -0.00 min
 Lab File: VN062646.D
 Acq: 29 Jul 2020 11:44

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0729WBS01

Tgt Ion: 107 Resp: 32681
 Ion Ratio Lower Upper
 107 100
 109 92.7 73.8 110.6

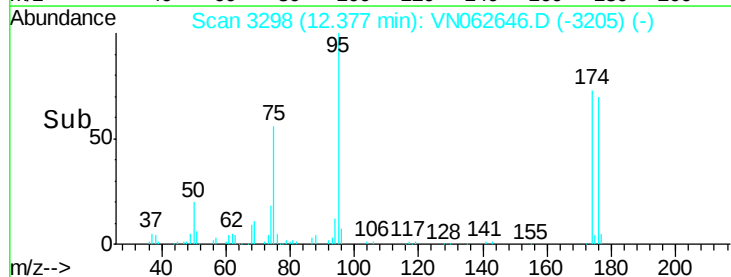
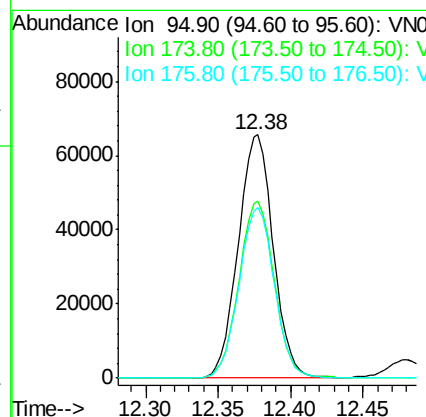
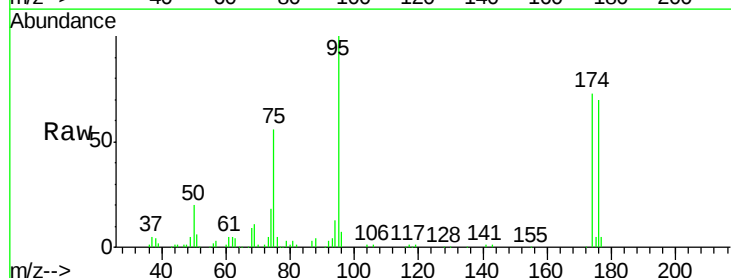
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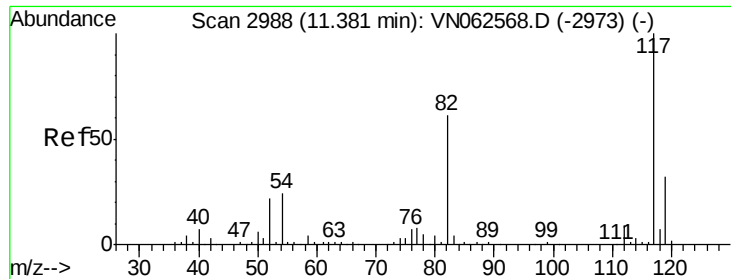
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 7/30/2020 6:21:02 PM



#62
 4-Bromofluorobenzene
 Concen: 47.339 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. -0.00 min
 Lab File: VN062646.D
 Acq: 29 Jul 2020 11:44

Tgt Ion: 95 Resp: 109937
 Ion Ratio Lower Upper
 95 100
 174 73.7 0.0 144.6
 176 71.0 0.0 139.4





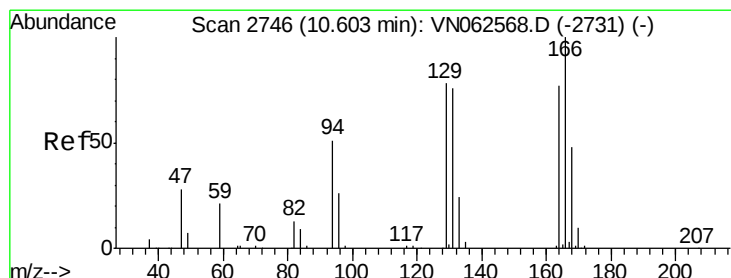
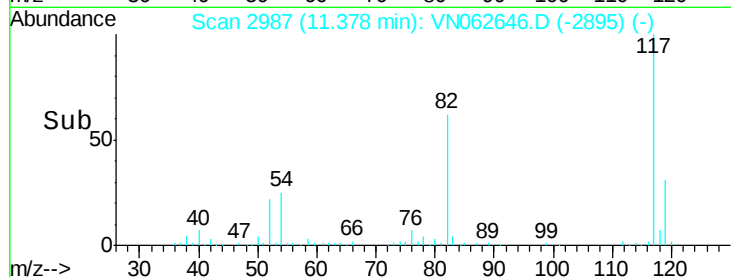
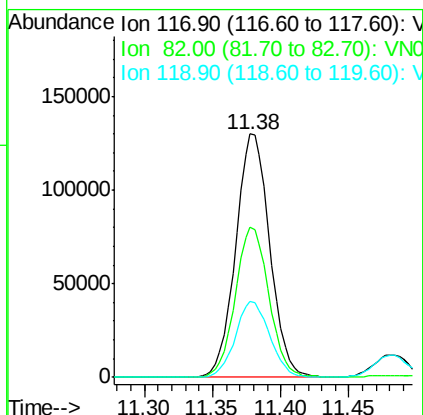
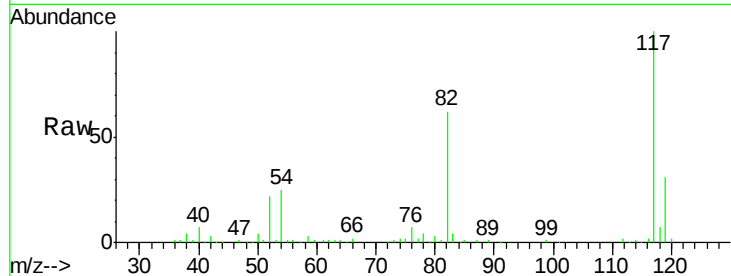
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2987
Delta R.T. -0.00 min
Lab File: VN062646.D
Acq: 29 Jul 2020 11:44

Instrument :
MSVOA_N
ClientSampled :
VN0729WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	224910		
82	61.7	49.0	73.6	
119	31.2	25.4	38.2	

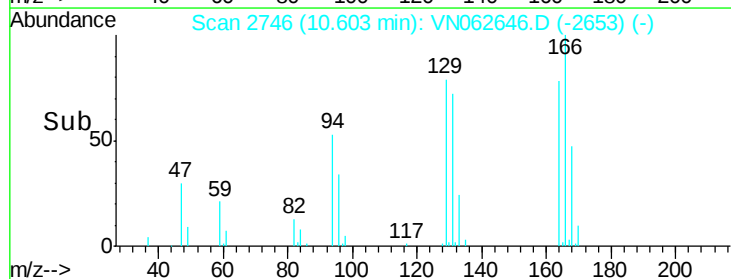
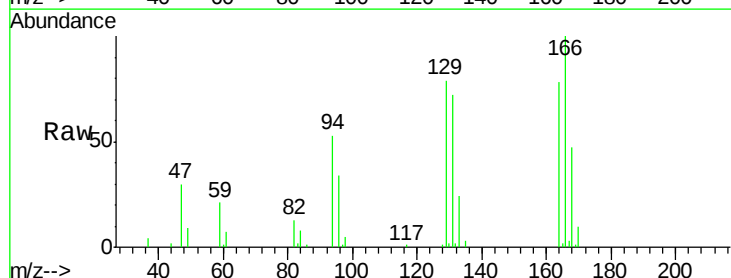
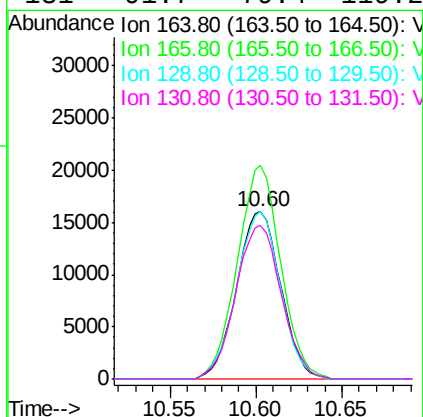
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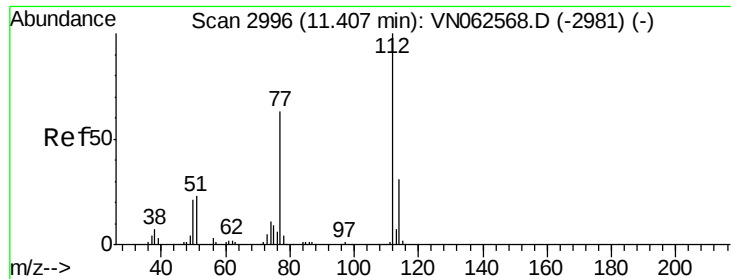
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#64
Tetrachloroethene
Concen: 19.516 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN062646.D
Acq: 29 Jul 2020 11:44

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	28519		
166	127.6	104.4	156.6	
129	100.2	81.0	121.4	
131	91.7	79.4	119.2	





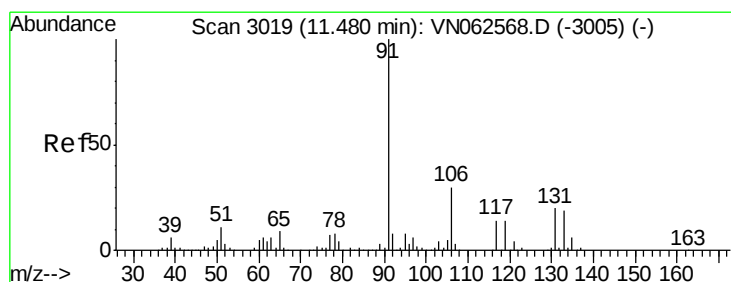
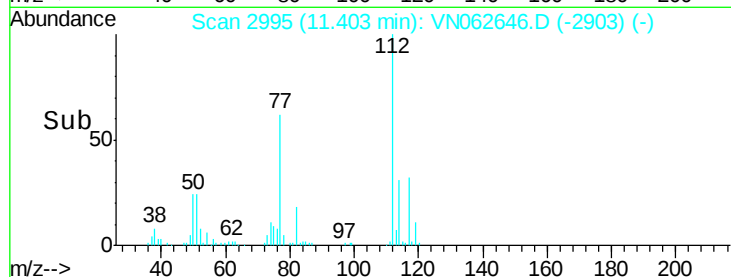
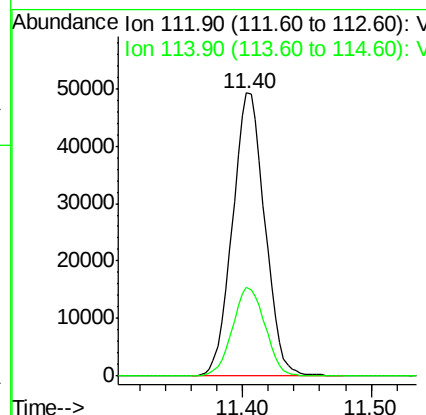
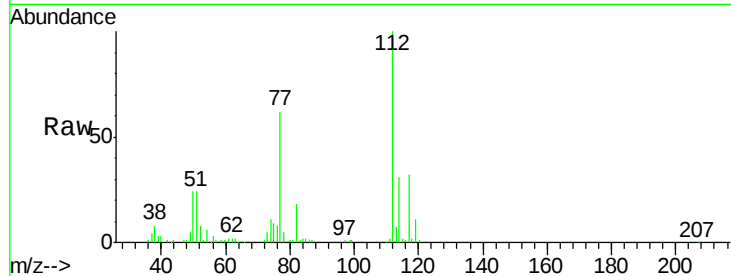
#65
Chlorobenzene
Concen: 18.163 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN062646.D
Acq: 29 Jul 2020 11:44

Instrument :
MSVOA_N
ClientSampleId :
VN0729WBS01

Tgt Ion:112 Resp: 85639
Ion Ratio Lower Upper
112 100
114 31.2 25.1 37.7

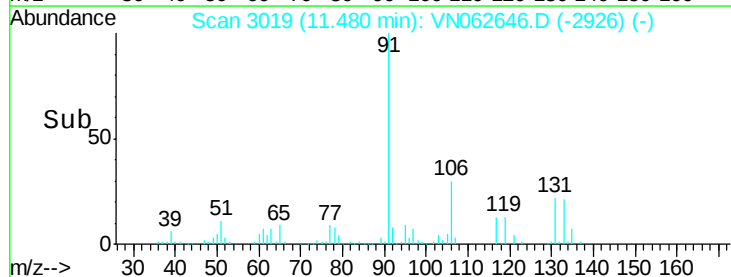
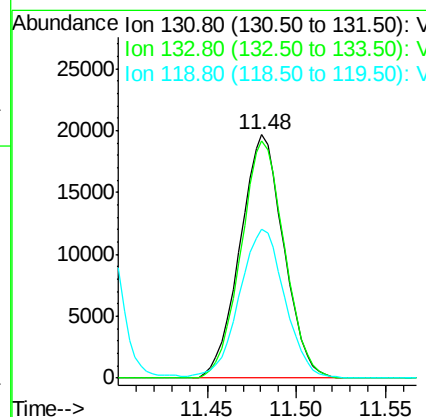
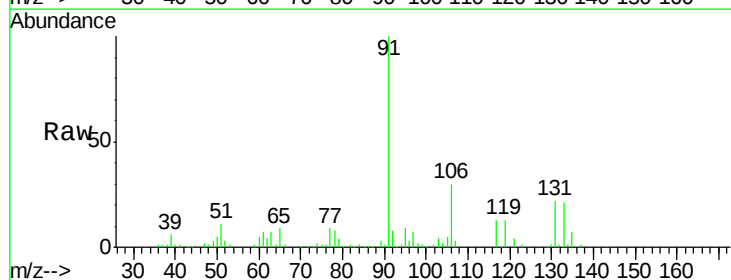
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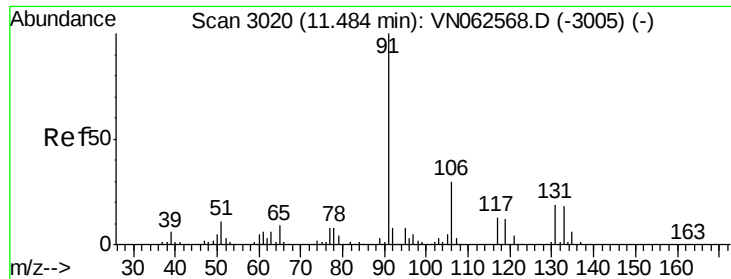
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#66
1,1,1,2-Tetrachloroethane
Concen: 18.968 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN062646.D
Acq: 29 Jul 2020 11:44

Tgt Ion:131 Resp: 33646
Ion Ratio Lower Upper
131 100
133 97.1 47.3 142.0
119 63.7 33.7 101.0





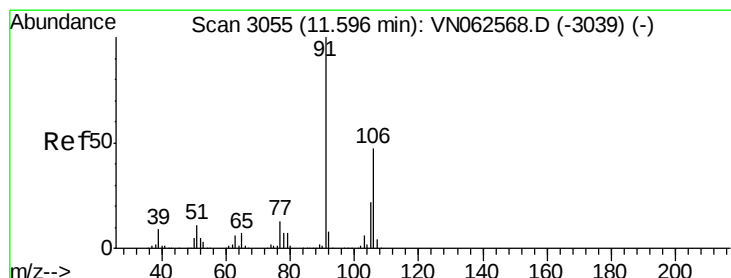
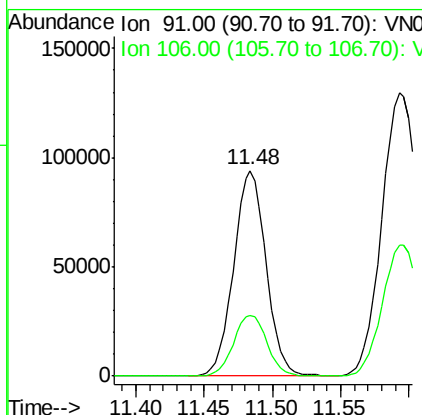
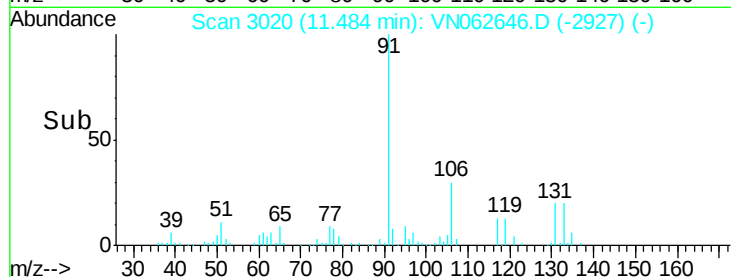
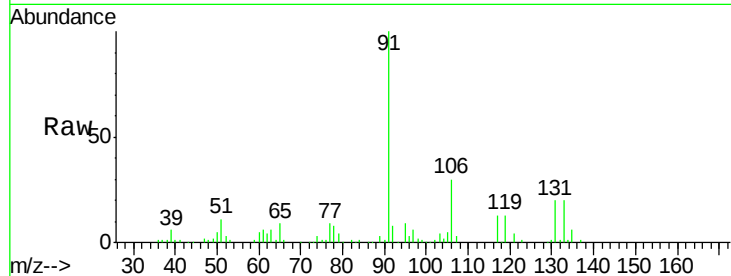
#67
Ethyl Benzene
Concen: 17.982 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN062646.D
Acq: 29 Jul 2020 11:44

Instrument :
MSVOA_N
ClientSampled :
VN0729WBS01

Tgt Ion: 91 Resp: 155454
Ion Ratio Lower Upper
91 100
106 29.6 23.8 35.8

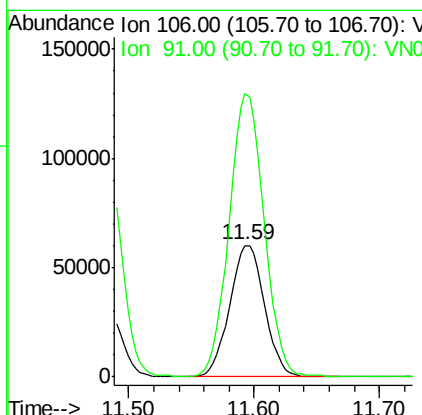
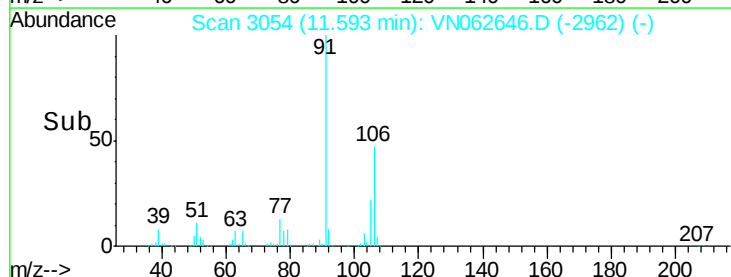
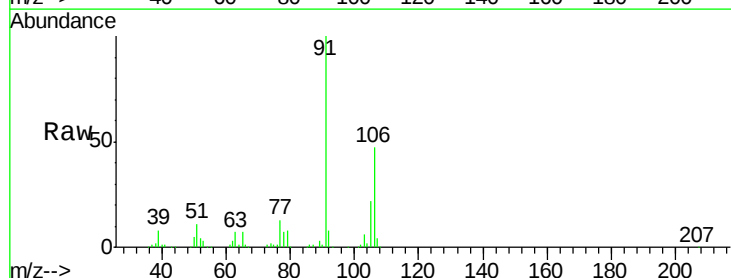
Manual Integrations
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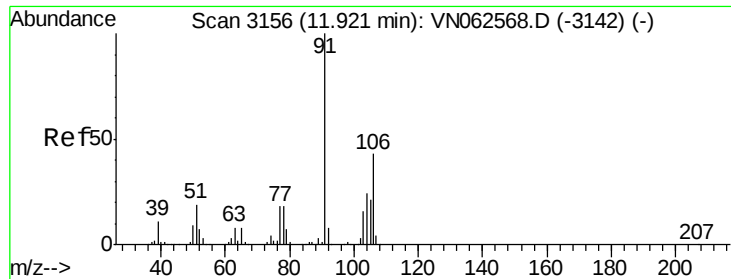
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#68
m/p-Xylenes
Concen: 37.427 ug/l
RT: 11.59 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN062646.D
Acq: 29 Jul 2020 11:44

Tgt Ion: 106 Resp: 116298
Ion Ratio Lower Upper
106 100
91 216.1 171.4 257.2





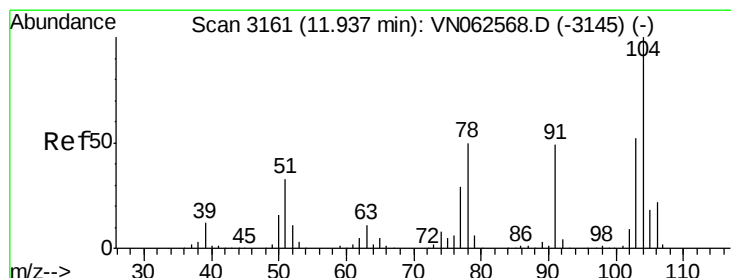
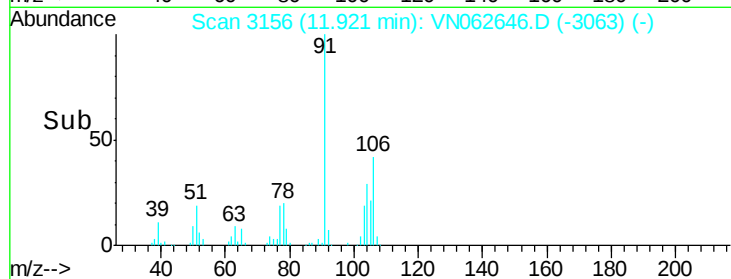
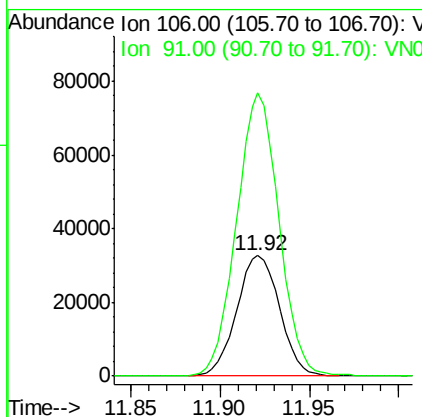
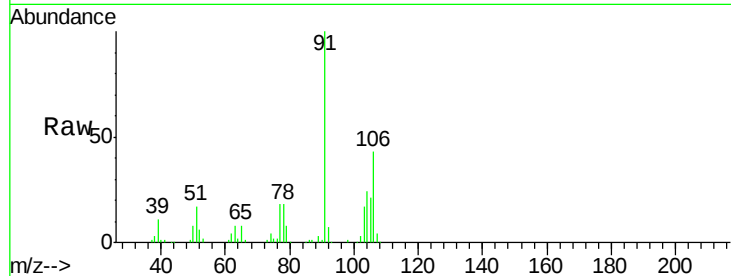
#69
o-Xylene
Concen: 18.548 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN062646.D
Acq: 29 Jul 2020 11:44

Instrument :
MSVOA_N
ClientSampleId :
VN0729WBS01

Tgt Ion:106 Resp: 54731
Ion Ratio Lower Upper
106 100
91 232.2 113.8 341.2

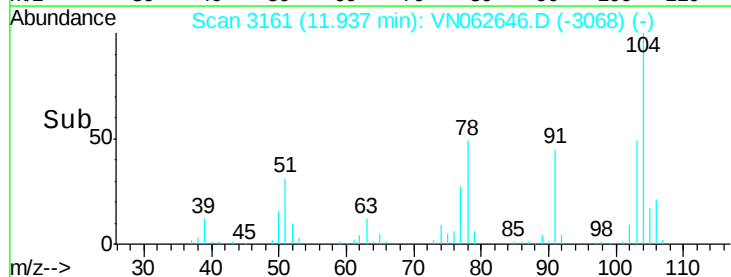
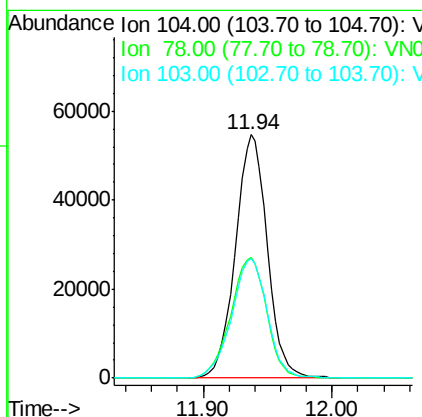
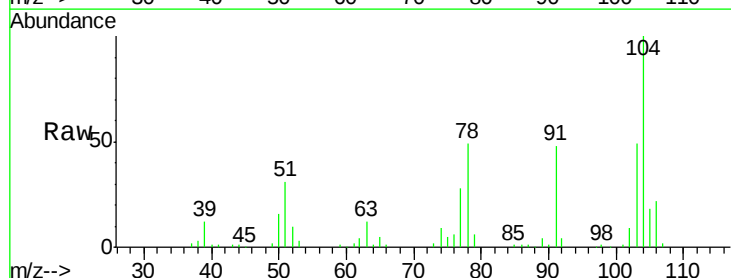
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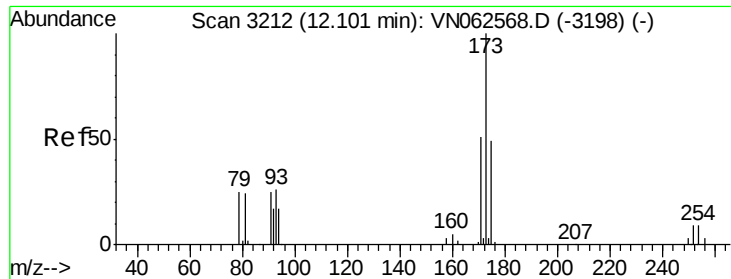
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#70
Styrene
Concen: 18.799 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN062646.D
Acq: 29 Jul 2020 11:44

Tgt Ion:104 Resp: 93705
Ion Ratio Lower Upper
104 100
78 55.7 43.8 65.6
103 54.8 44.0 66.0





#71

Bromoform

Concen: 19.366 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VN062646.D

Acq: 29 Jul 2020 11:44

Instrument :

MSVOA_N

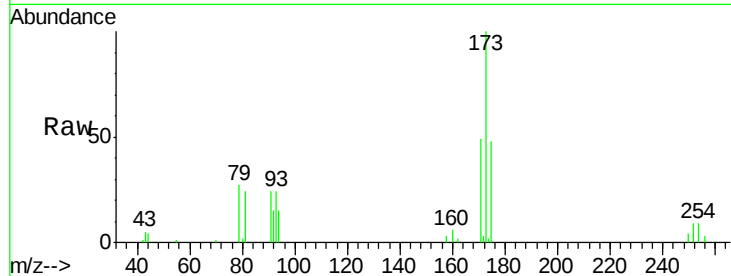
ClientSampleId :

VN0729WBS01

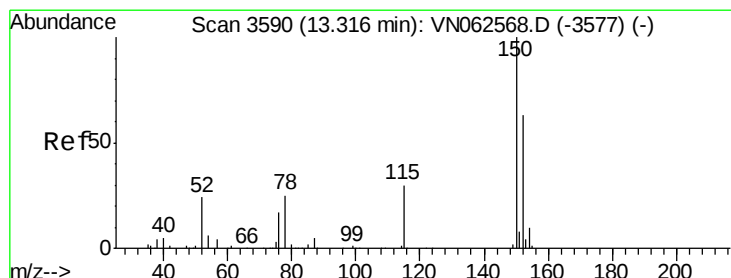
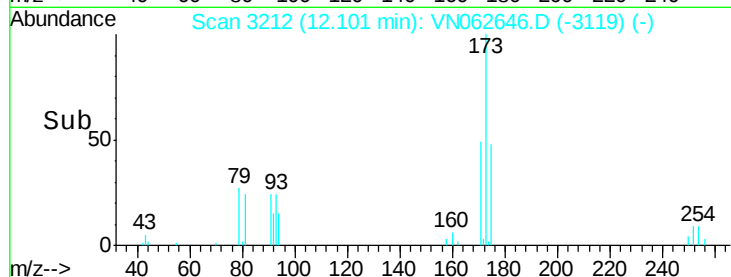
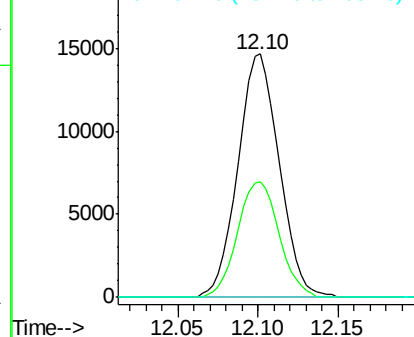
Tgt Ion:	173	Resp:	25792
Ion Ratio	Lower	Upper	
173	100		
175	47.6	24.1	72.2
254	0.0	0.0	0.0

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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

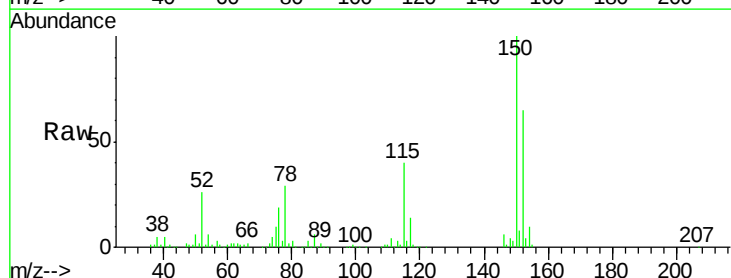
RT: 13.32 min Scan# 3590

Delta R.T. -0.00 min

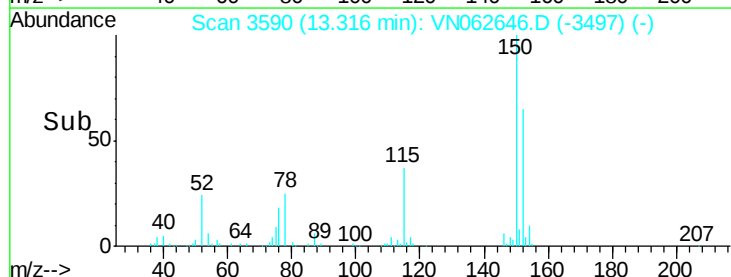
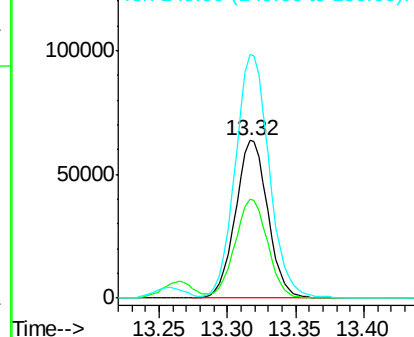
Lab File: VN062646.D

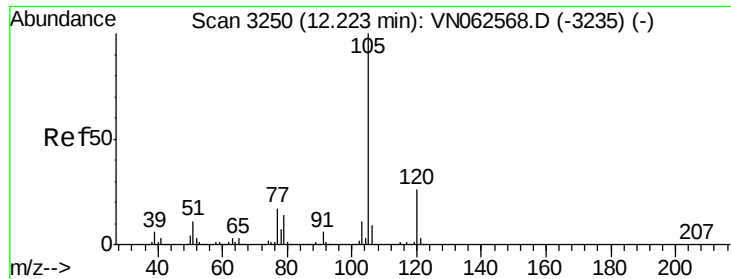
Acq: 29 Jul 2020 11:44

Tgt Ion:	152	Resp:	104735
Ion Ratio	Lower	Upper	
152	100		
115	63.6	31.8	95.4
150	162.5	0.0	351.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 18.526 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN062646.D

Acq: 29 Jul 2020 11:44

Instrument :

MSVOA_N

ClientSampleId :

VN0729WBS01

Tgt Ion: 105 Resp: 153425

Ion Ratio Lower Upper

105 100

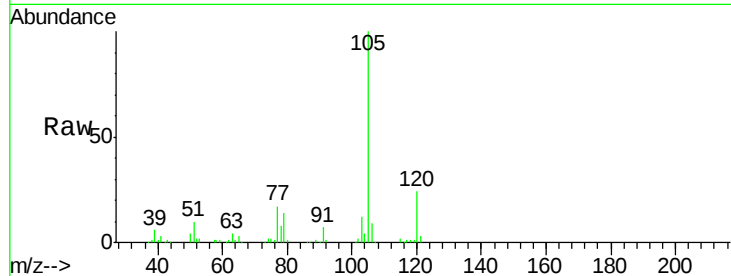
120 24.9 12.8 38.4

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.22

100000

80000

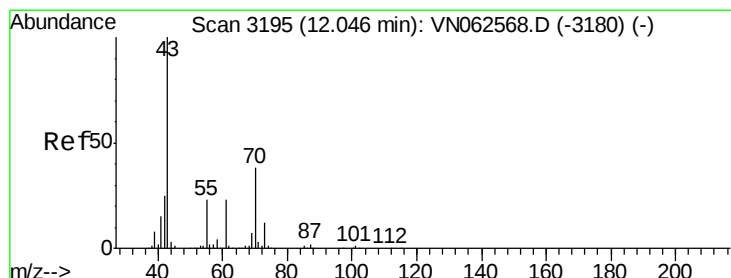
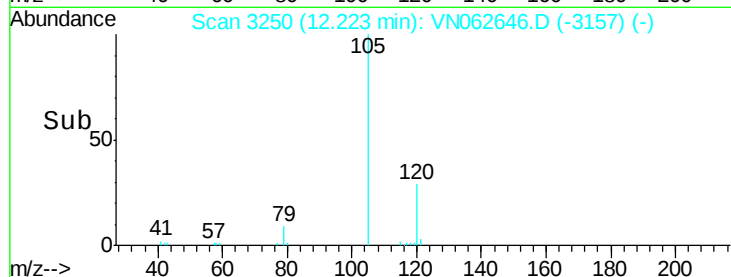
60000

40000

20000

0

Time-->



#74

N-ethyl acetate

Concen: 15.900 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. -0.00 min

Lab File: VN062646.D

Acq: 29 Jul 2020 11:44

Tgt Ion: 43 Resp: 58805

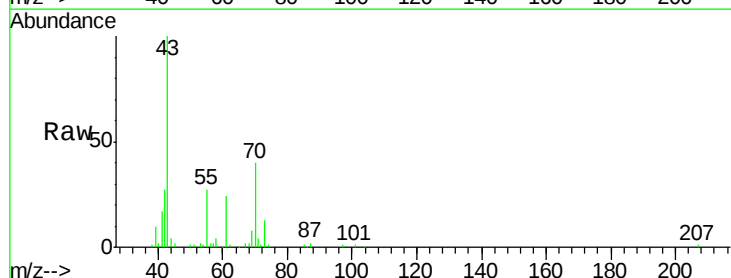
Ion Ratio Lower Upper

43 100

70 39.1 30.5 45.7

55 26.4 19.0 28.6

61 23.1 18.4 27.6



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

12.04

50000

40000

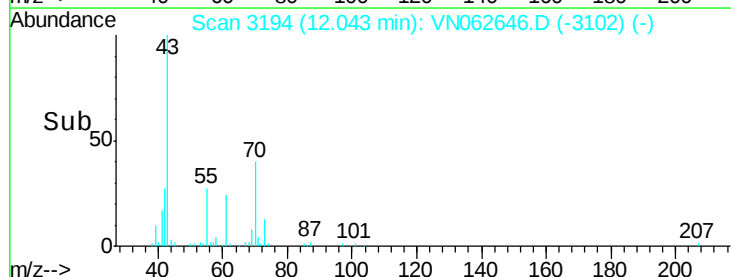
30000

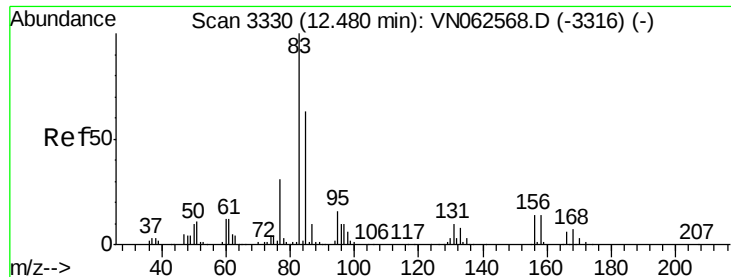
20000

10000

0

Time-->





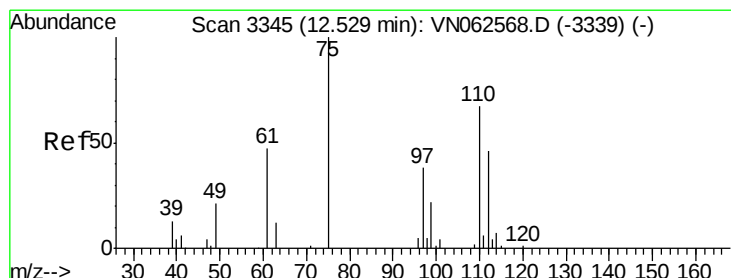
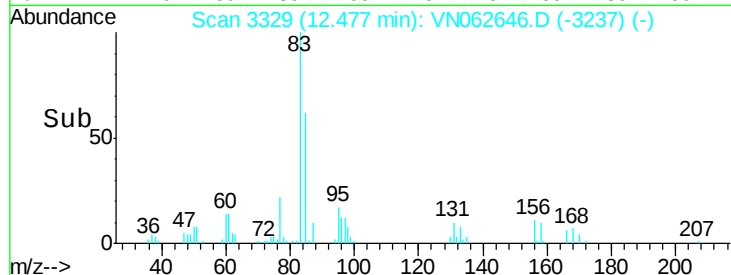
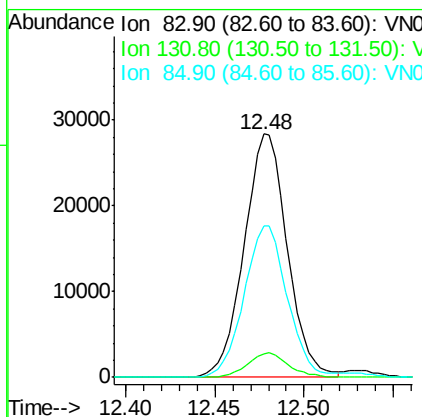
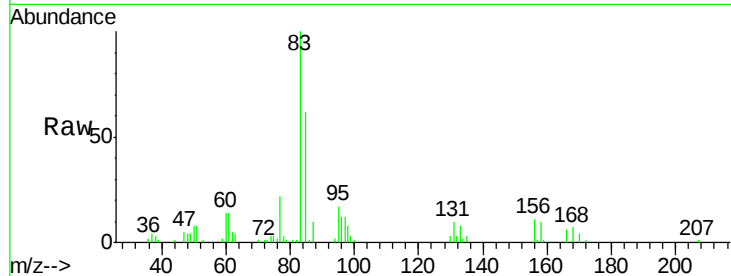
#75
 1,1,2,2-Tetrachloroethane
 Concen: 16.666 ug/l
 RT: 12.48 min Scan# 3329
 Delta R.T. -0.00 min
 Lab File: VN062646.D
 Acq: 29 Jul 2020 11:44

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0729WBS01

Tgt Ion	Ratio	Lower	Upper
83	100		
131	9.5	4.8	14.3
85	62.1	31.8	95.4

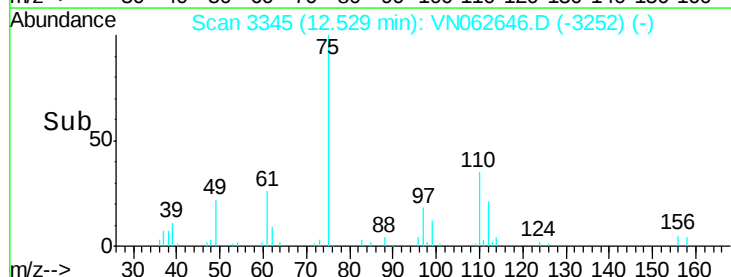
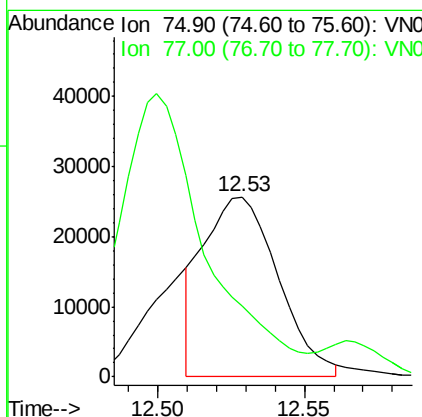
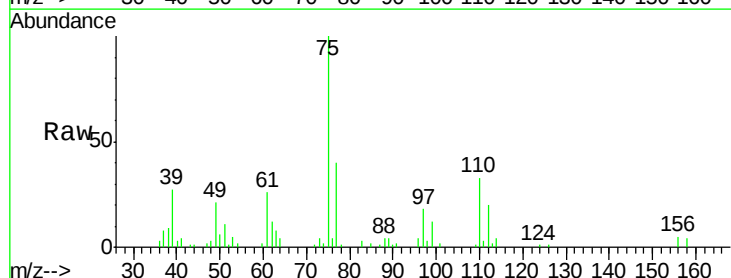
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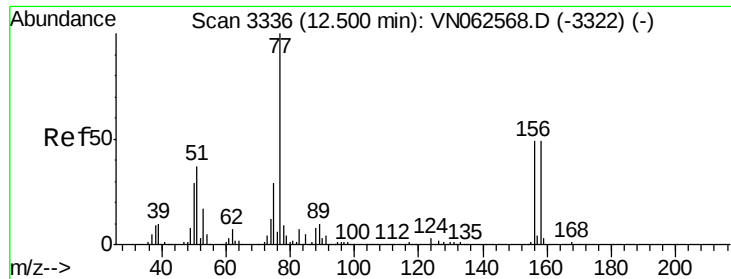
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#76
 1,2,3-Trichloropropane
 Concen: 17.174 ug/l m
 RT: 12.53 min Scan# 3345
 Delta R.T. -0.00 min
 Lab File: VN062646.D
 Acq: 29 Jul 2020 11:44

Tgt Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 17.724 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN062646.D

Acq: 29 Jul 2020 11:44

Instrument :

MSVOA_N

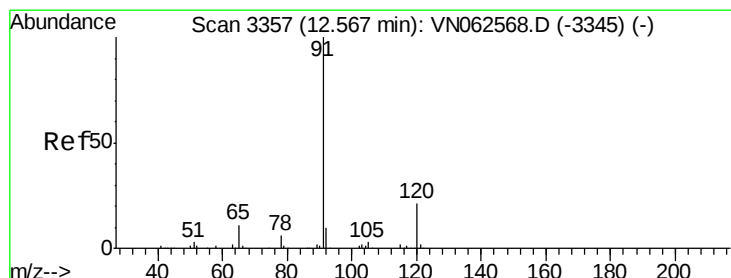
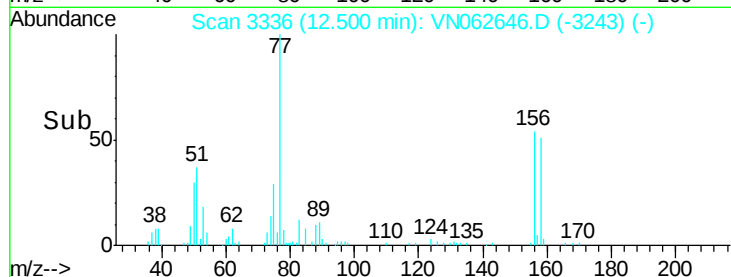
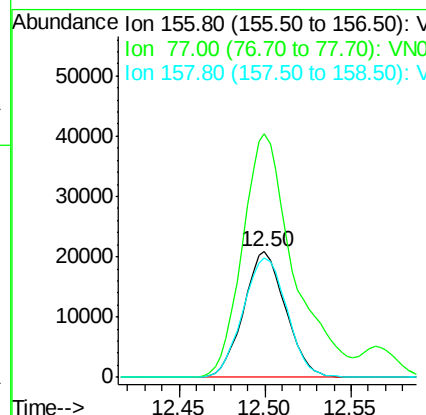
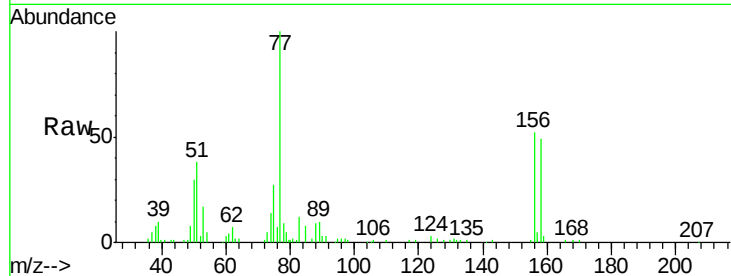
ClientSampleId :

VN0729WBS01

Tgt Ion:156 Resp: 35275
 Ion Ratio Lower Upper
 156 100
 77 236.7 122.8 368.3
 158 99.7 49.4 148.0

Manual Integrations
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#78

n-propylbenzene

Concen: 18.142 ug/l

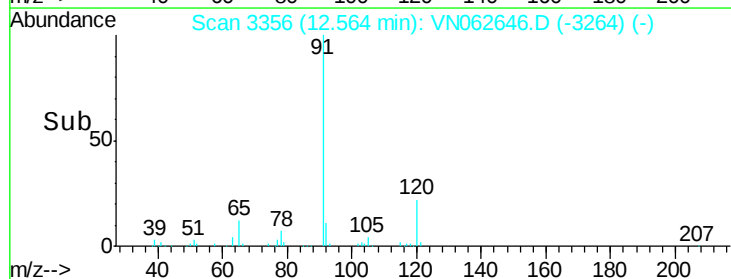
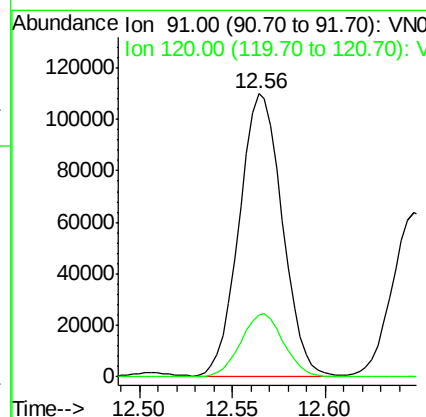
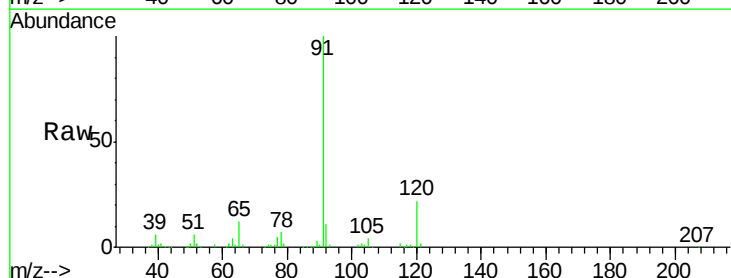
RT: 12.56 min Scan# 3356

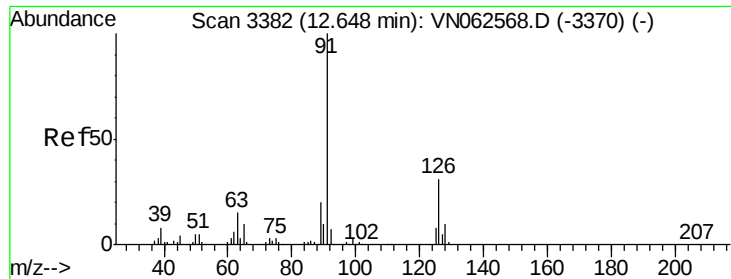
Delta R.T. -0.00 min

Lab File: VN062646.D

Acq: 29 Jul 2020 11:44

Tgt Ion: 91 Resp: 175985
 Ion Ratio Lower Upper
 91 100
 120 22.2 10.9 32.6





#79

2-Chlorotoluene

Concen: 17.791 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. -0.00 min

Lab File: VN062646.D

Acq: 29 Jul 2020 11:44

Instrument :

MSVOA_N

ClientSampled :

VN0729WBS01

Tgt Ion: 91 Resp: 106361

Ion Ratio Lower Upper

91 100

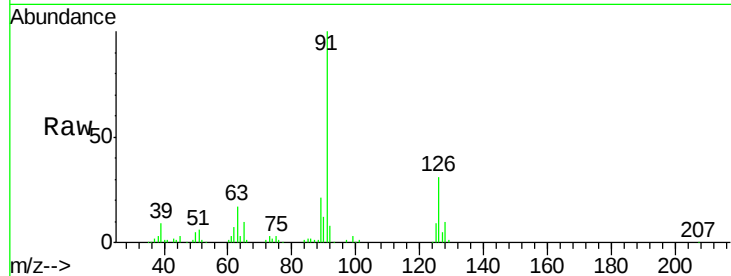
126 32.6 15.9 47.6

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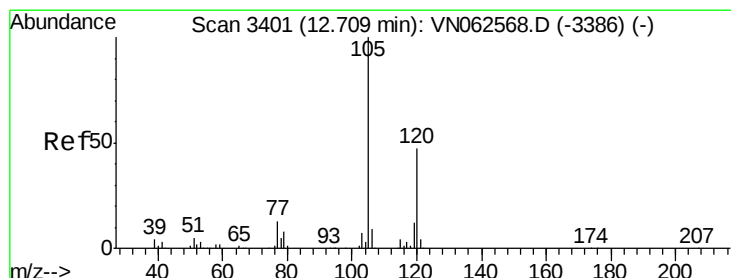
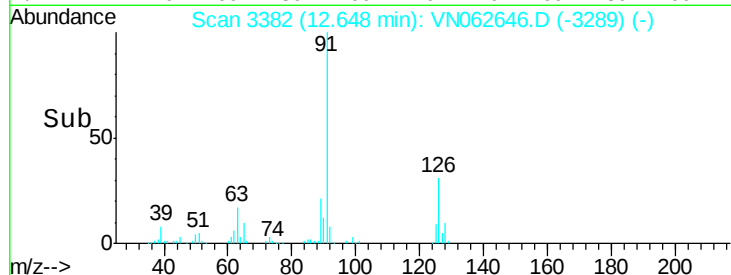
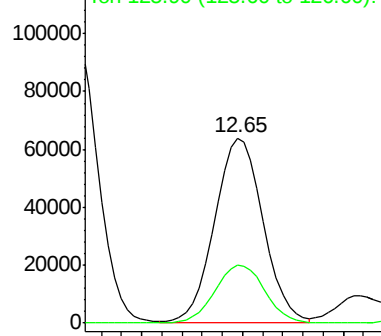
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Abundance Ion 91.00 (90.70 to 91.70): VN062646.D (-3382) (-)



#80

1,3,5-Trimethylbenzene

Concen: 19.477 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN062646.D

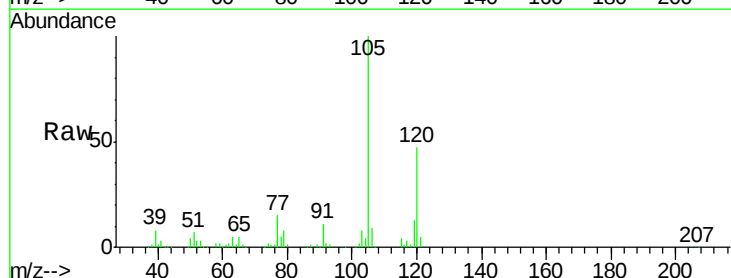
Acq: 29 Jul 2020 11:44

Tgt Ion: 105 Resp: 133798

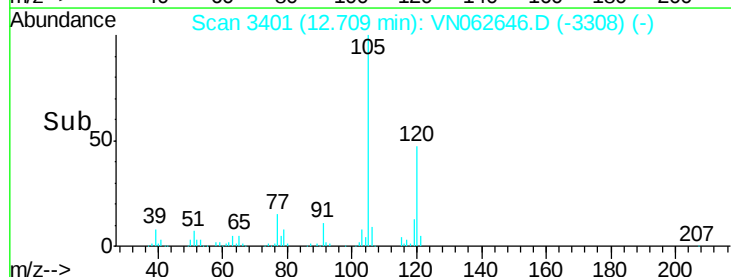
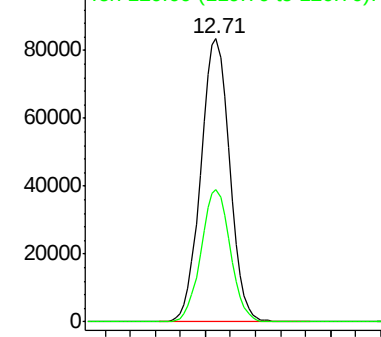
Ion Ratio Lower Upper

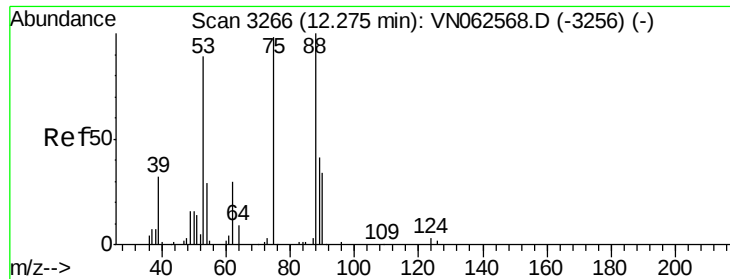
105 100

120 46.9 23.2 69.6



Abundance Ion 105.00 (104.70 to 105.70): VN062646.D (-3401) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 16.889 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. -0.00 min

Lab File: VN062646.D

Acq: 29 Jul 2020 11:44

Instrument :

MSVOA_N

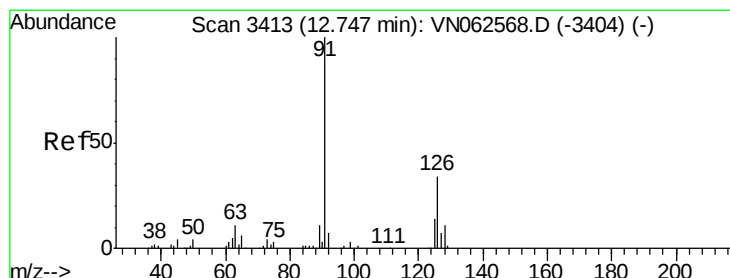
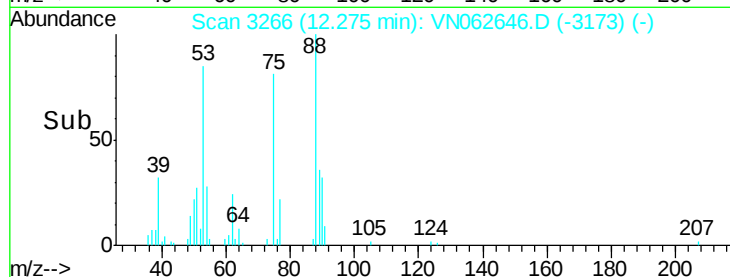
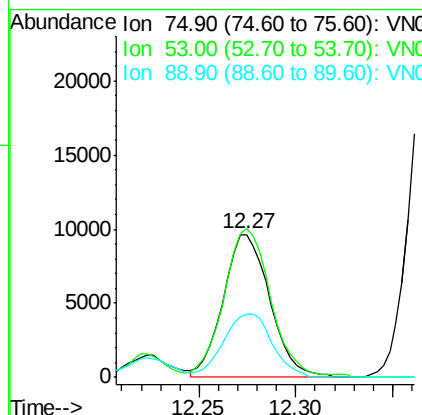
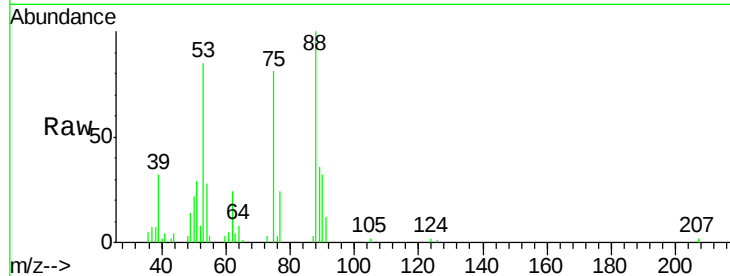
ClientSampleId :

VN0729WBS01

Tgt Ion:	75	Resp:	16174
Ion	Ratio	Lower	Upper
75	100		
53	105.2	75.4	113.0
89	46.2	34.5	51.7

Manual Integrations
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#82

4-Chlorotoluene

Concen: 18.057 ug/l

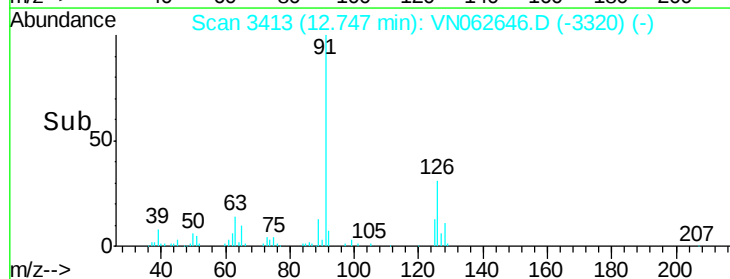
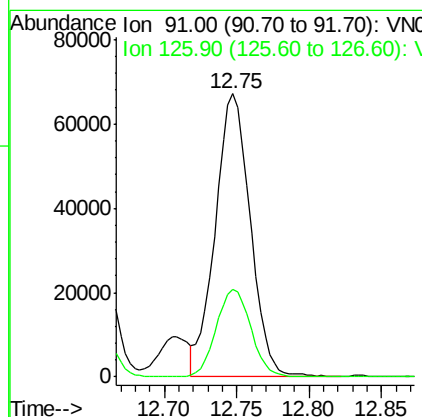
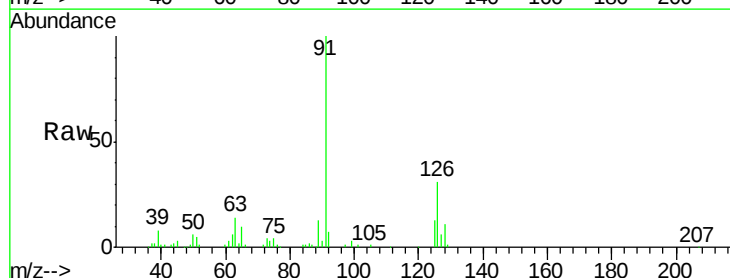
RT: 12.75 min Scan# 3413

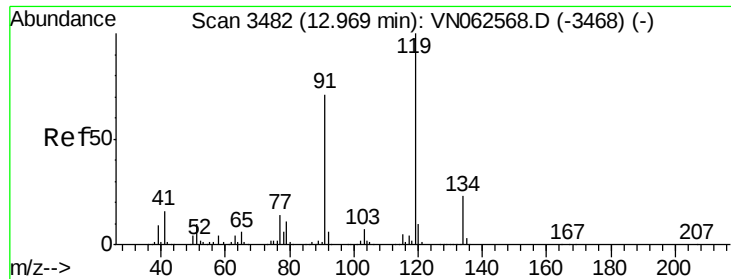
Delta R.T. -0.00 min

Lab File: VN062646.D

Acq: 29 Jul 2020 11:44

Tgt Ion:	91	Resp:	112362
Ion	Ratio	Lower	Upper
91	100		
126	30.8	15.4	46.4





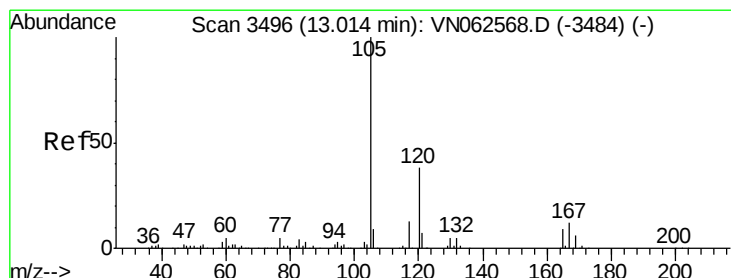
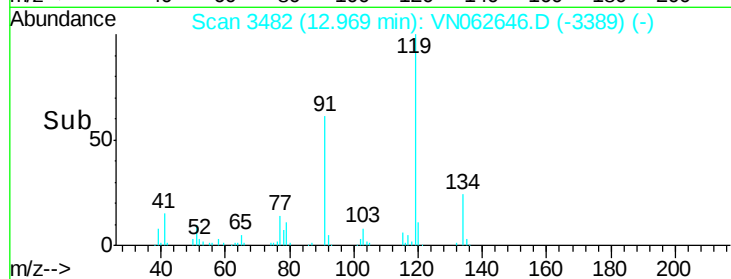
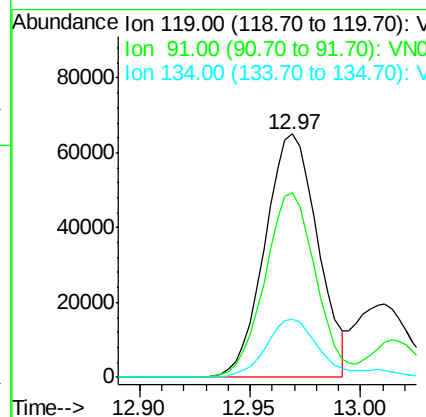
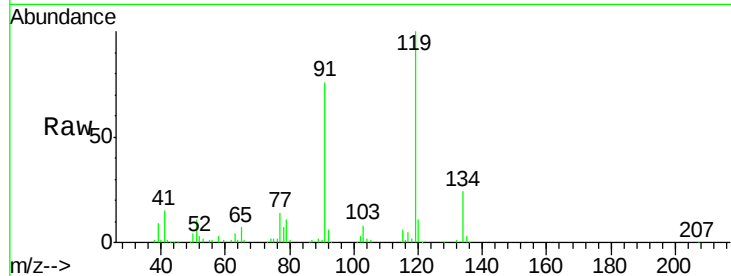
#83
 tert-Butylbenzene
 Concen: 18.897 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. -0.00 min
 Lab File: VN062646.D
 Acq: 29 Jul 2020 11:44

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0729WBS01

Tgt Ion	Ratio	Lower	Upper
119	100		
91	73.9	34.6	103.8
134	23.5	11.5	34.4

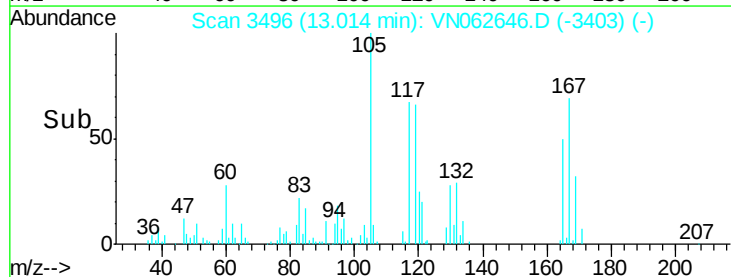
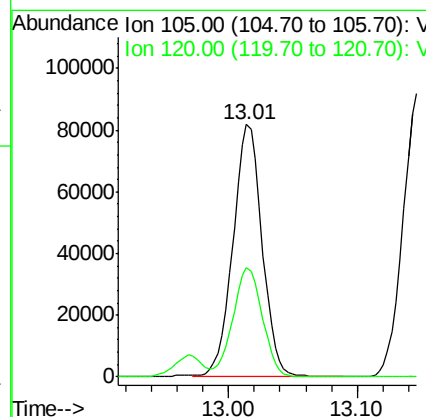
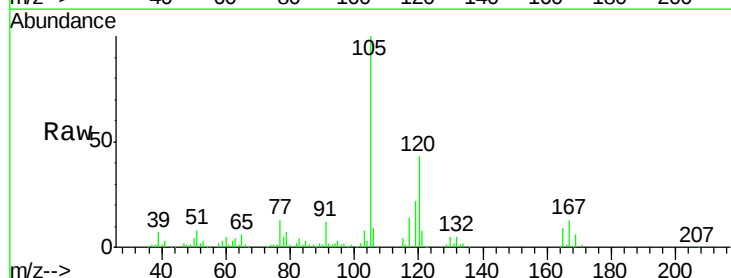
Manual Integrations
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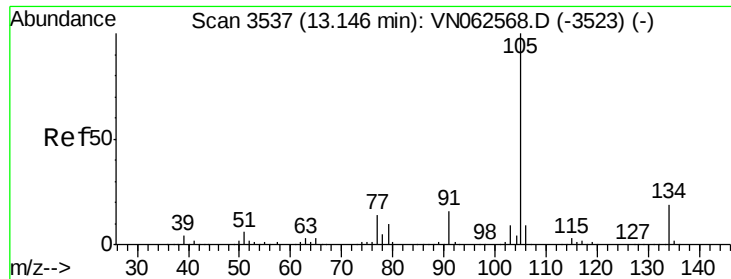
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#84
 1,2,4-Trimethylbenzene
 Concen: 18.894 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. -0.00 min
 Lab File: VN062646.D
 Acq: 29 Jul 2020 11:44

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.1	22.1	66.3





#85

sec-Butylbenzene

Concen: 19.004 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. -0.00 min

Lab File: VN062646.D

Acq: 29 Jul 2020 11:44

Instrument :

MSVOA_N

ClientSampled :

VN0729WBS01

Tgt Ion:105 Resp: 145125

Ion Ratio Lower Upper

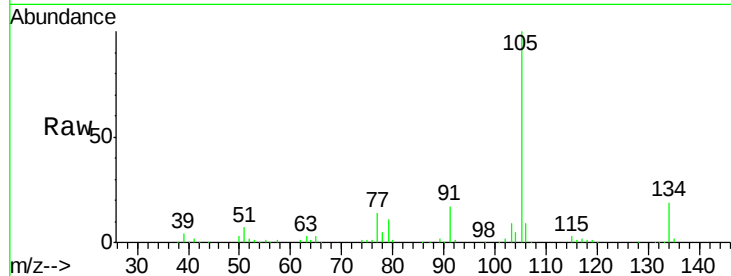
105 100

134 19.3 9.5 28.5

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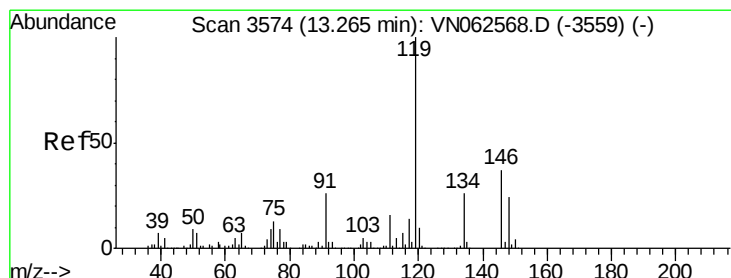
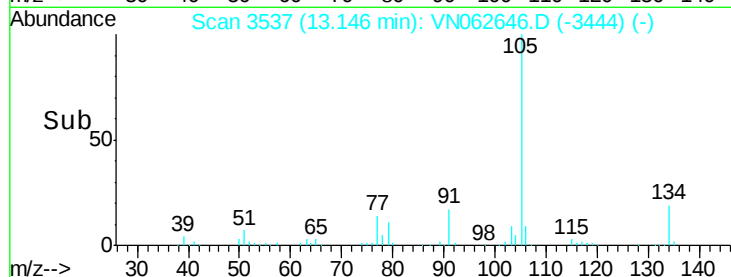
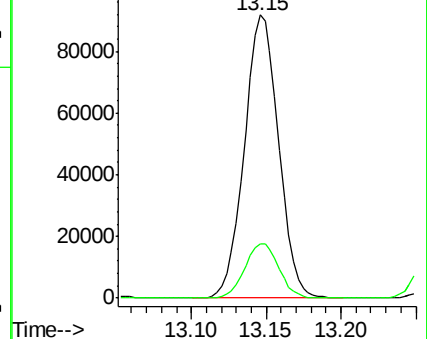
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.032 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. -0.00 min

Lab File: VN062646.D

Acq: 29 Jul 2020 11:44

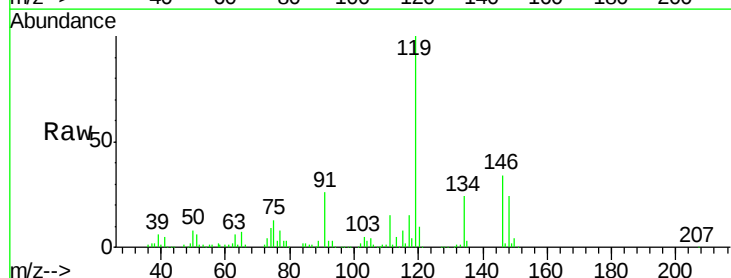
Tgt Ion:119 Resp: 131573

Ion Ratio Lower Upper

119 100

134 24.7 12.8 38.4

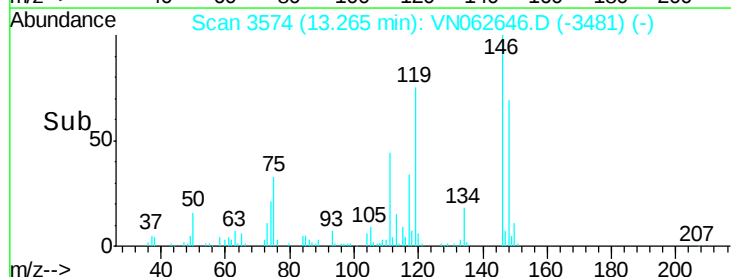
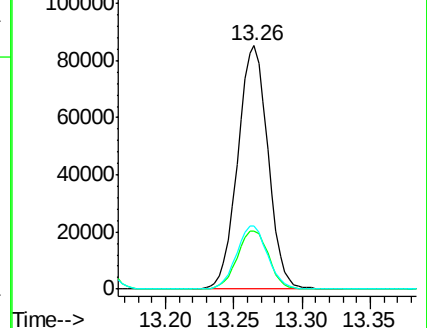
91 26.5 12.7 38.1

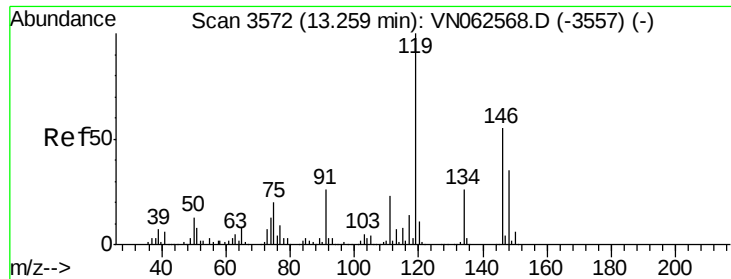


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 17.900 ug/l

RT: 13.26 min Scan# 3572

Delta R.T. -0.00 min

Lab File: VN062646.D

Acq: 29 Jul 2020 11:44

Instrument :

MSVOA_N

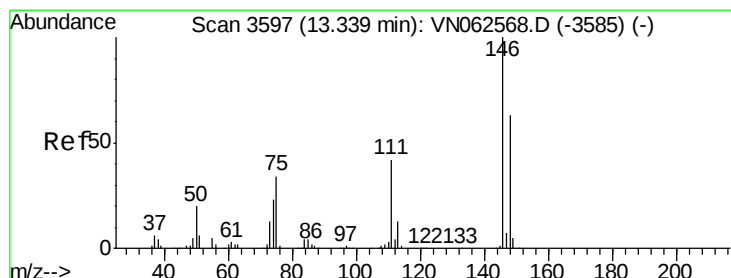
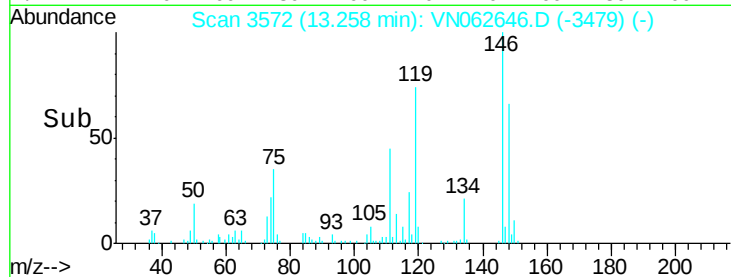
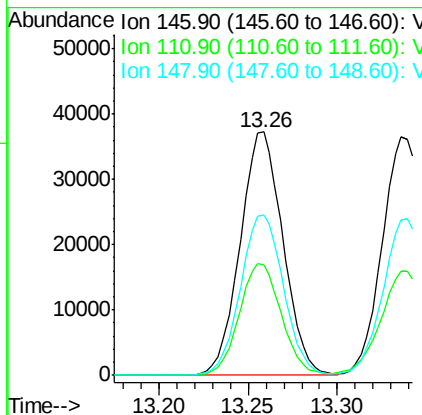
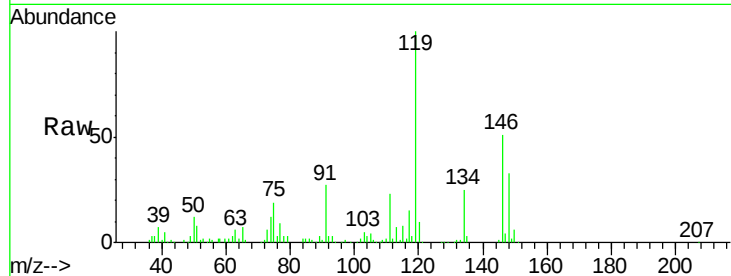
ClientSampleId :

VN0729WBS01

Tgt Ion:	146	Resp:	62516
Ion Ratio	Lower	Upper	
146	100		
111	44.9	21.6	64.6
148	66.3	31.8	95.4

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#88

1,4-Dichlorobenzene

Concen: 18.170 ug/l

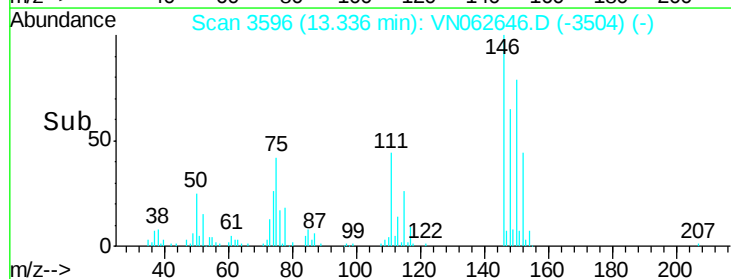
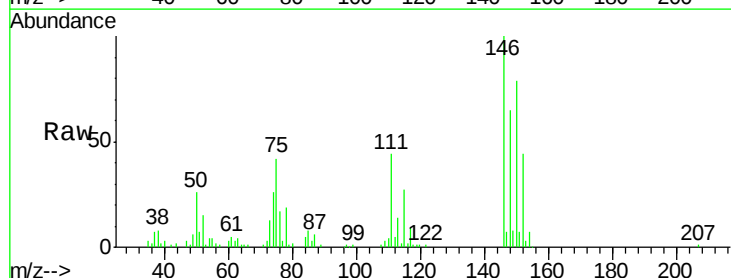
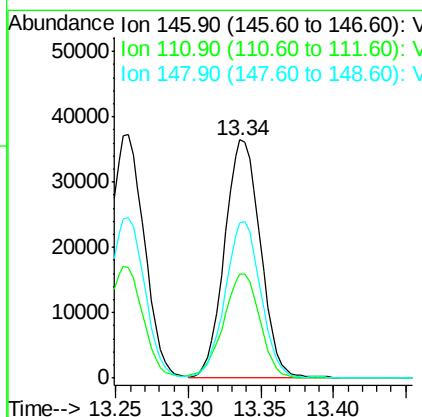
RT: 13.34 min Scan# 3596

Delta R.T. -0.00 min

Lab File: VN062646.D

Acq: 29 Jul 2020 11:44

Tgt Ion:	146	Resp:	62471
Ion Ratio	Lower	Upper	
146	100		
111	44.6	21.1	63.1
148	65.1	31.6	94.8





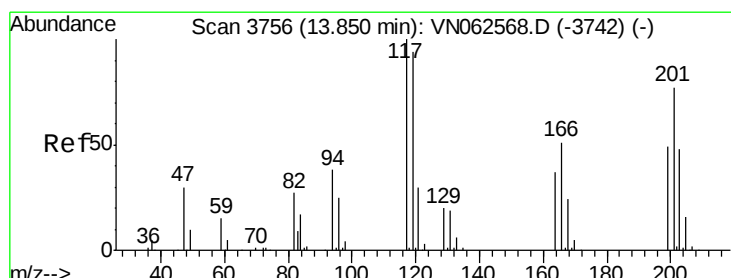
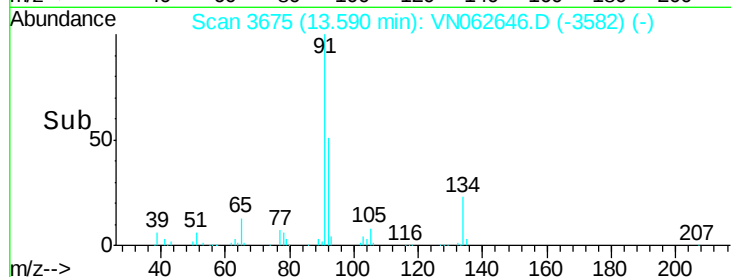
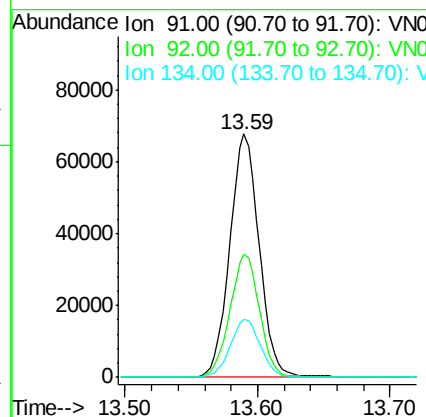
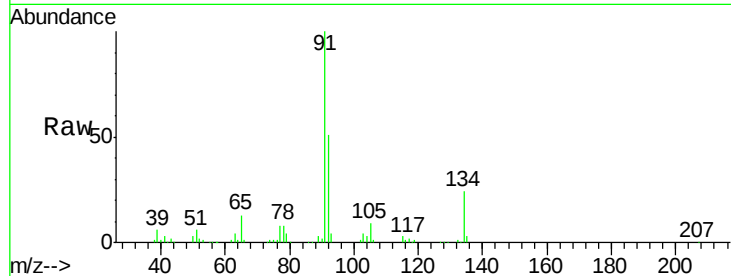
#89
n-Butylbenzene
Concen: 18.546 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. -0.00 min
Lab File: VN062646.D
Acq: 29 Jul 2020 11:44

Instrument :
MSVOA_N
ClientSampleId :
VN0729WBS01

Tgt Ion	Ratio	Lower	Upper
91	100		
92	51.0	25.8	77.3
134	24.3	11.8	35.3

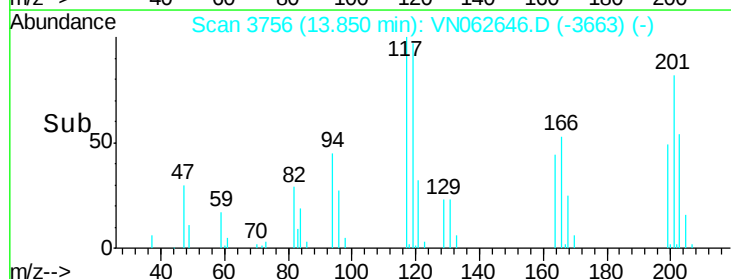
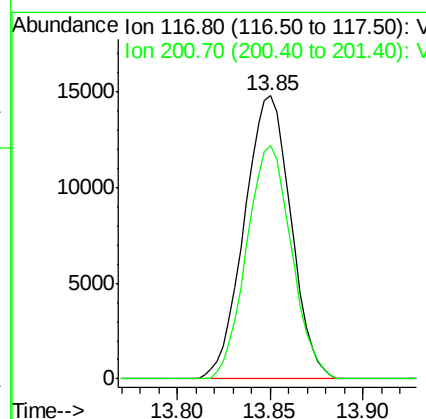
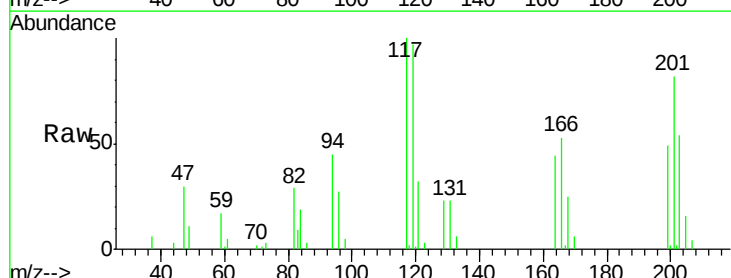
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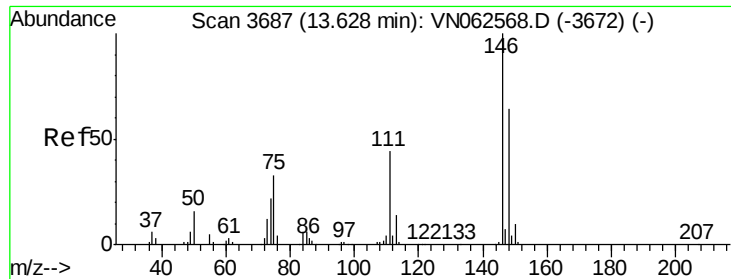
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#90
Hexachloroethane
Concen: 18.485 ug/l
RT: 13.85 min Scan# 3756
Delta R.T. -0.00 min
Lab File: VN062646.D
Acq: 29 Jul 2020 11:44

Tgt Ion	Ratio	Lower	Upper
117	100		
201	79.2	39.2	117.6





#91

1,2-Dichlorobenzene

Concen: 18.782 ug/l

RT: 13.63 min Scan# 3687

Delta R.T. -0.00 min

Lab File: VN062646.D

Acq: 29 Jul 2020 11:44

Instrument :

MSVOA_N

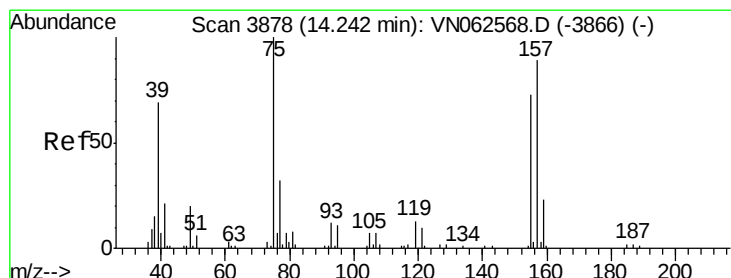
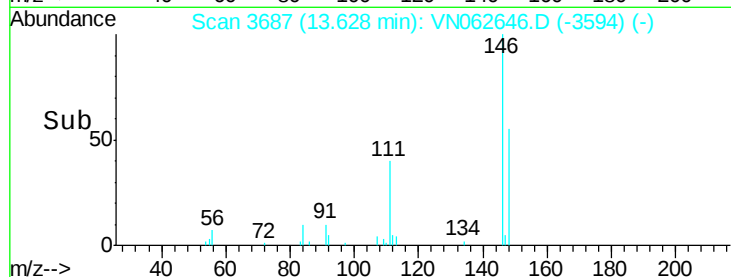
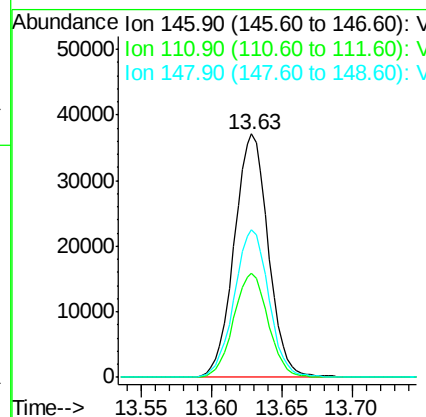
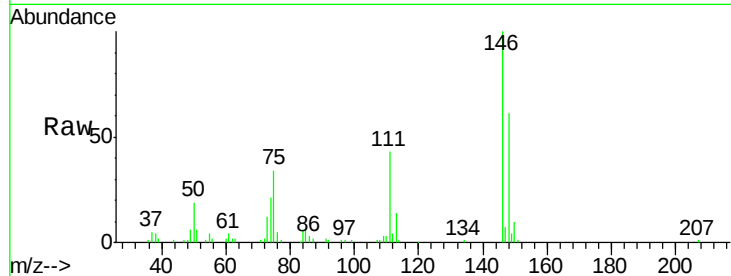
ClientSampleId :

VN0729WBS01

Tgt Ion:	146	Resp:	62723
Ion Ratio	Lower	Upper	
146	100		
111	43.3	21.9	65.8
148	61.7	31.6	94.7

Manual Integrations
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#92

1,2-Dibromo-3-Chloropropane

Concen: 19.506 ug/l

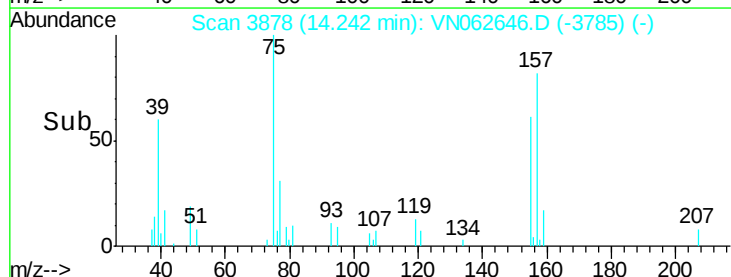
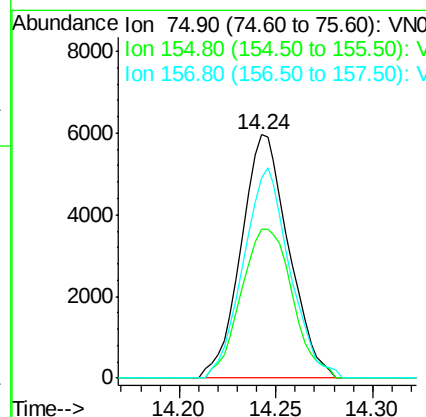
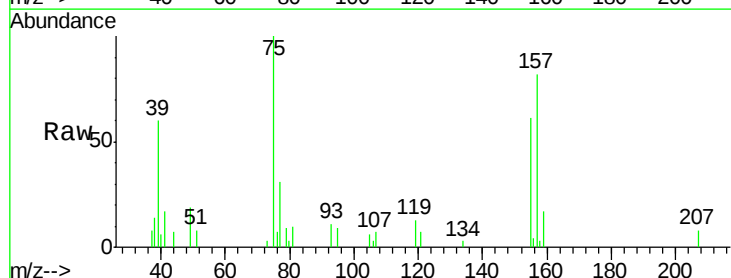
RT: 14.24 min Scan# 3878

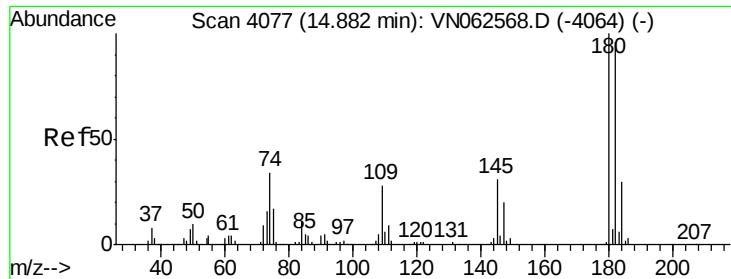
Delta R.T. -0.00 min

Lab File: VN062646.D

Acq: 29 Jul 2020 11:44

Tgt Ion:	75	Resp:	10192
Ion Ratio	Lower	Upper	
75	100		
155	65.9	35.9	107.5
157	84.2	45.0	135.0





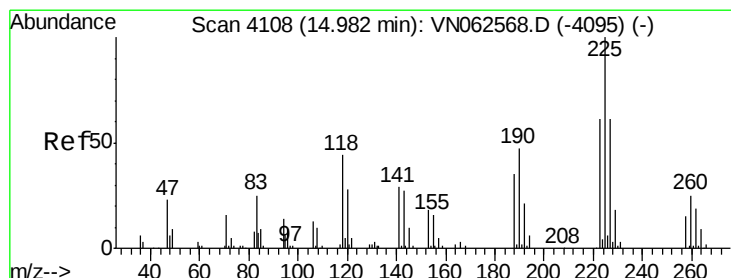
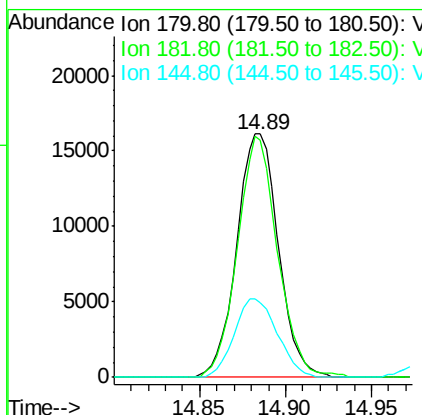
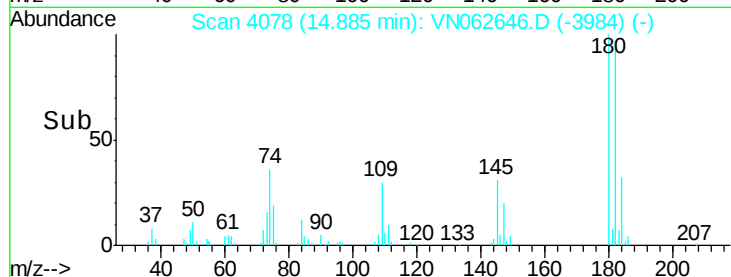
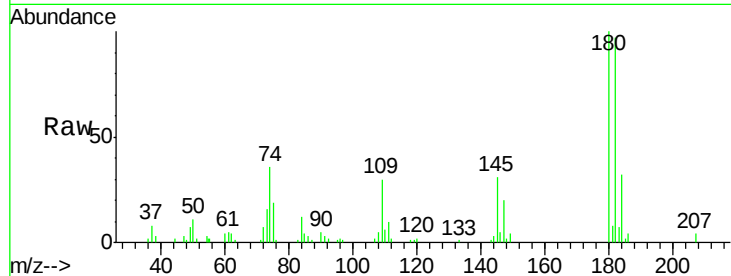
#93
 1,2,4-Trichlorobenzene
 Concen: 17.620 ug/l
 RT: 14.89 min Scan# 4078
 Delta R.T. 0.00 min
 Lab File: VN062646.D
 Acq: 29 Jul 2020 11:44

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0729WBS01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.4	47.8	143.3
145	33.3	15.3	45.9

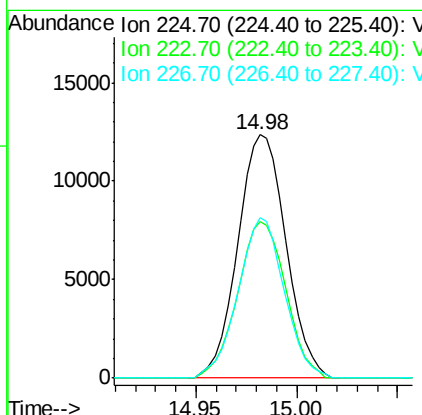
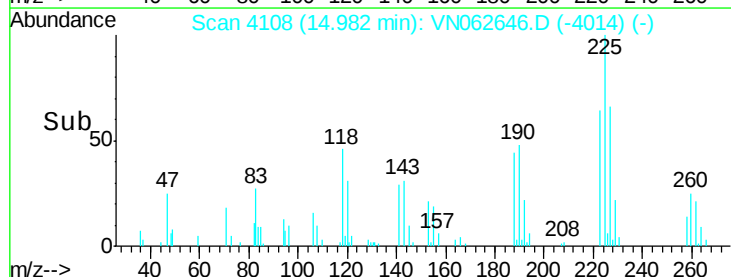
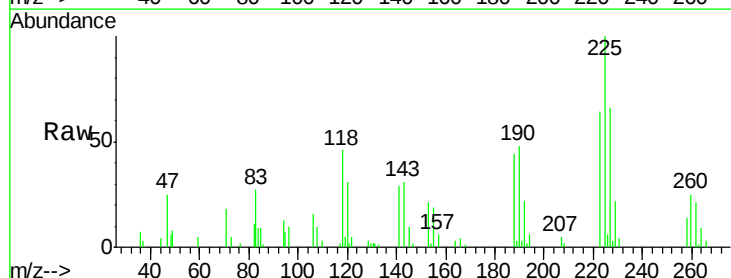
Manual Integrations
 APPROVED

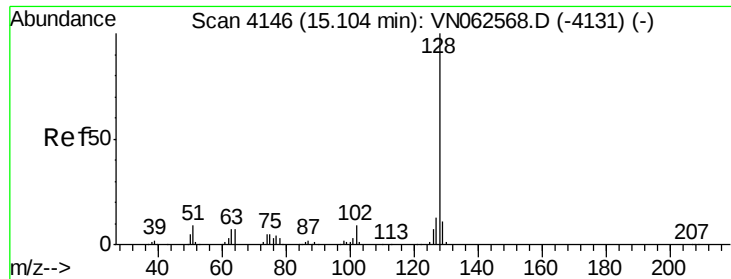
MMDadoda
 7/30/2020 6:21:02 PM



#94
 Hexachlorobutadiene
 Concen: 22.628 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. 0.00 min
 Lab File: VN062646.D
 Acq: 29 Jul 2020 11:44

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.0	32.0	96.0
227	63.1	31.1	93.2





#95

Naphthalene

Concen: 16.814 ug/l

RT: 15.10 min Scan# 4146

Delta R.T. 0.00 min

Lab File: VN062646.D

Acq: 29 Jul 2020 11:44

Instrument :

MSVOA_N

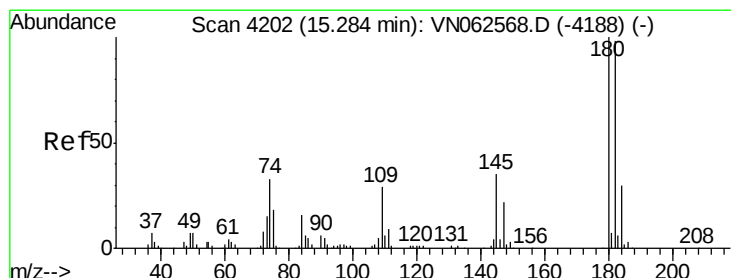
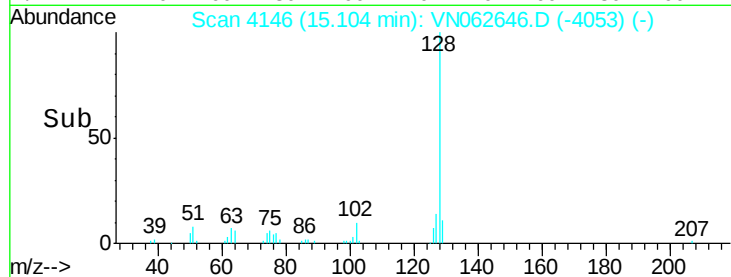
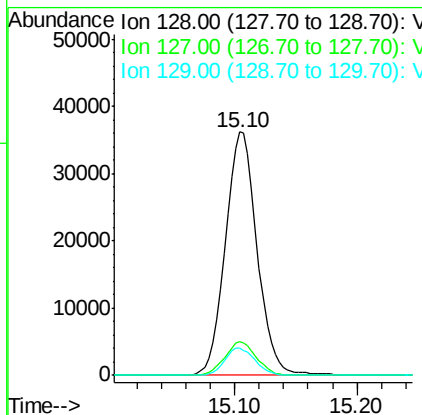
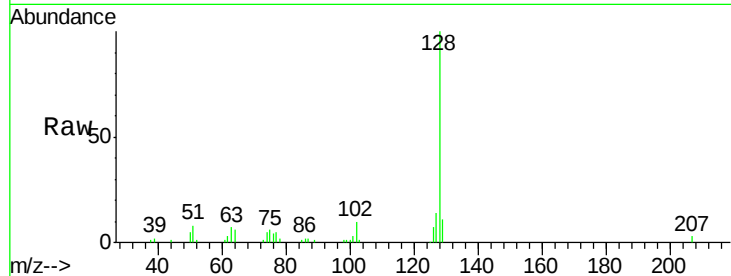
ClientSampleId :

VN0729WBS01

Tgt Ion:	128	Resp:	65739
Ion Ratio	Lower	Upper	
128	100		
127	13.6	10.4	15.6
129	10.8	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
7/30/2020 6:21:02 PM



#96

1,2,3-Trichlorobenzene

Concen: 17.411 ug/l

RT: 15.28 min Scan# 4202

Delta R.T. -0.00 min

Lab File: VN062646.D

Acq: 29 Jul 2020 11:44

Tgt Ion:	180	Resp:	27401
Ion Ratio	Lower	Upper	
180	100		
182	94.7	48.1	144.3
145	35.0	16.7	50.1

