

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070121\
 Data File : VN067590.D
 Acq On : 1 Jul 2021 11:24
 Operator : JC/MD
 Sample : VSTDIC100
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Manual Integrations
 APPROVED

MMDadoda
 7/5/2021 2:00:27 PM

Quant Time: Jul 01 11:46:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N070121W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Jul 01 11:33:18 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Bromochloromethane	7.659	128	94730	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.971	114	507819	30.000	ug/l	# 0.00
57) Chlorobenzene-d5	11.746	117	533837	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.440	65	216373	23.610	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	78.700%	#	
60) 4-Bromofluorobenzene	12.733	95	266267	27.520	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	91.733%		
63) Toluene-d8	10.443	98	713870	28.355	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	94.533%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.070	85	602729	102.835	ug/l	98
3) Chloromethane	2.298	50	658109	98.101	ug/l	100
4) Vinyl Chloride	2.440	62	1044638	134.160	ug/l	96
5) Bromomethane	2.818	94	849606	177.967	ug/l	93
6) Chloroethane	2.995	64	717323	141.627	ug/l	91
7) Trichlorofluoromethane	3.360	101	1858816	148.921	ug/l	97
8) Diethyl Ether	3.816	74	606165	155.695	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.197	101	442490	90.952	ug/l	96
10) 1,1-Dichloroethene	4.167	96	438802	92.814	ug/l	90
11) Methyl Iodide	4.411	142	658756	112.108	ug/l	90
12) Methyl Acetate	4.856	43	614372	89.879	ug/l	93
13) Acrolein	4.036	56	423569	495.108	ug/l	97
14) Acrylonitrile	5.556	53	1435352	493.649	ug/l	99
15) Acetone	4.291	58	321138	446.292	ug/l	91
16) Carbon Disulfide	4.519	76	1326216	90.271	ug/l	99
17) Allyl chloride	4.832	41	821455	83.306	ug/l	94
18) Methylene Chloride	5.090	84	584558	98.608	ug/l	89
19) trans-1,2-Dichloroethene	5.591	96	562479	106.397	ug/l	85
20) Diisopropyl ether	6.501	45	2096204	105.540	ug/l	# 95
21) 1,1-Dichloroethane	6.388	63	1043130	94.051	ug/l	98
22) cis-1,2-Dichloroethene	7.327	96	676240	106.419	ug/l	88
23) tert-Butyl Alcohol	5.393	59	523014	418.367	ug/l	# 100
24) Methyl tert-Butyl Ether	5.618	73	2024855	101.096	ug/l	93
25) Chloroform	7.820	83	1202533	103.691	ug/l	100
26) Cyclohexane	8.096	56	943691	97.637	ug/l	# 89
29) 1,1-Dichloropropene	8.222	75	867110	113.830	ug/l	95
30) 2-Butanone	7.340	43	2031211	534.751	ug/l	95
31) 2,2-Dichloropropane	7.327	77	902941	111.574	ug/l	96
32) 1,1,1-Trichloroethane	8.016	97	1083172	113.373	ug/l	96
33) Carbon Tetrachloride	8.206	117	954375	118.466	ug/l	97
34) Benzene	8.461	78	2717001	124.675	ug/l	# 92
35) Methacrylonitrile	7.640	41	450050	110.924	ug/l	92
36) 1,2-Dichloroethane	8.531	62	980037	108.495	ug/l	97
37) Trichloroethene	9.217	130	647373	122.436	ug/l	89
38) Methylcyclohexane	9.461	83	936163	117.072	ug/l	91
39) 1,2-Dichloropropane	9.491	63	652325	111.762	ug/l	99
40) Dibromomethane	9.577	93	504777	124.498	ug/l	93
41) Bromodichloromethane	9.765	83	971991	115.161	ug/l	100
42) Vinyl Acetate	6.436	43	9111255	570.204	ug/l	# 95

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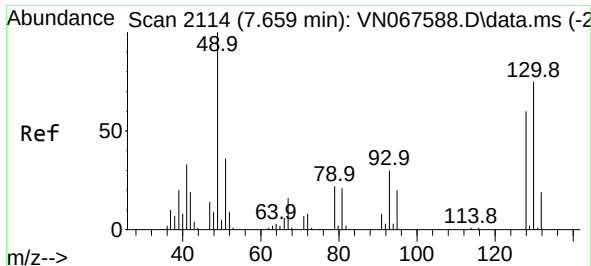
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.418	43	870249m	113.399	ug/l	
44) Isopropyl Acetate	8.566	43	1554664	108.374	ug/l	97
45) 1,4-Dioxane	9.574	88	256819	2704.022	ug/l #	88
46) Methyl methacrylate	9.563	41	675501	106.356	ug/l	91
47) n-amyl Acetate	12.390	43	1387597	114.867	ug/l	97
48) t-1,3-Dichloropropene	10.722	75	1125537	122.313	ug/l	98
49) cis-1,3-Dichloropropene	10.191	75	1157556	122.847	ug/l	90
50) 1,1,2-Trichloroethane	10.902	97	734555	137.517	ug/l	98
51) Ethyl methacrylate	10.765	69	1202426	128.871	ug/l	89
52) 1,3-Dichloropropane	11.047	76	1198860	125.809	ug/l	99
53) Dibromochloromethane	11.242	129	844711	144.927	ug/l	99
54) 1,2-Dibromoethane	11.350	107	786557	141.204	ug/l	100
55) 2-Chloroethyl vinyl ether	10.043	63	1313329	584.773	ug/l	96
56) Bromoform	12.463	173	618881	157.790	ug/l #	99
58) 4-Methyl-2-Pentanone	10.336	43	4972024	517.602	ug/l	95
59) 2-Hexanone	11.089	43	3526344	511.939	ug/l	93
61) Tetrachloroethene	10.979	164	665971	121.197	ug/l	98
62) Toluene	10.507	91	3295178	119.312	ug/l	100
64) Chlorobenzene	11.773	112	2009433	123.552	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.846	131	772935	127.180	ug/l	100
66) Ethyl Benzene	11.848	91	3709781	117.044	ug/l	96
67) m/p-Xylenes	11.956	106	2873675	250.818	ug/l	85
68) o-Xylene	12.283	106	1423518	124.146	ug/l	85
69) Styrene	12.296	104	2423139	127.912	ug/l	93
70) Isopropylbenzene	12.583	105	3687663	126.147	ug/l	97
71) 1,1,2,2-Tetrachloroethane	12.830	83	1061629	119.794	ug/l	99
72) 1,2,3-Trichloropropane	12.884	75	798785m	93.919	ug/l	
73) Bromobenzene	12.865	156	860519	137.848	ug/l	72
74) n-propylbenzene	12.924	91	4151684	119.617	ug/l	95
75) 2-Chlorotoluene	13.010	91	2487576	113.925	ug/l #	100
76) 1,3,5-Trimethylbenzene	13.063	105	3039029	122.501	ug/l	96
77) t-1,4-Dichloro-2-butene	12.629	75	342929	122.037	ug/l	90
78) 4-Chlorotoluene	13.109	91	2512320	116.468	ug/l	89
79) tert-butylbenzene	13.326	119	2575256	128.231	ug/l	87
80) 1,2,4-Trimethylbenzene	13.372	105	3012458m	123.609	ug/l	
81) sec-Butylbenzene	13.506	105	3504511	125.549	ug/l	95
82) p-Isopropyltoluene	13.618	119	2931522	130.180	ug/l	93
83) 1,3-Dichlorobenzene	13.618	146	1587048	140.431	ug/l	93
84) 1,4-Dichlorobenzene	13.696	146	1550127	137.489	ug/l	95
85) n-Butylbenzene	13.946	91	2419783	119.367	ug/l	97
86) Hexachloroethane	14.214	117	530912	121.282	ug/l	99
87) 1,2-Dichlorobenzene	13.991	146	1520620	139.089	ug/l	94
88) 1,2-Dibromo-3-Chloropr...	14.605	75	201105	98.551	ug/l #	64
89) 1,2,4-Trichlorobenzene	15.268	180	705170	133.319	ug/l	98
90) Hexachlorobutadiene	15.375	225	299548	109.159	ug/l	97
91) Naphthalene	15.509	128	2286777	132.582	ug/l	99
92) 1,2,3-Trichlorobenzene	15.702	180	675038	131.243	ug/l	97

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



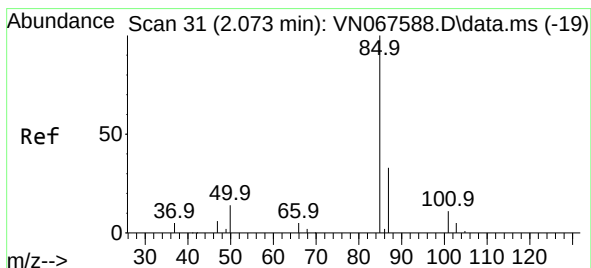
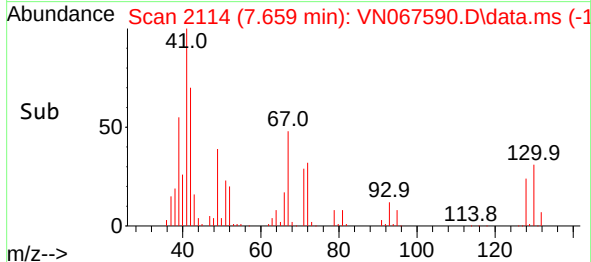
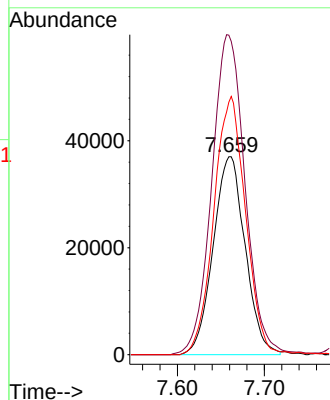
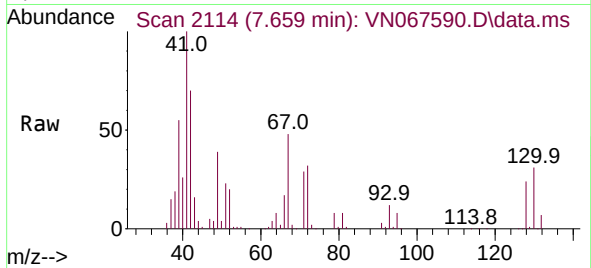
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.659 min Scan# 2114
Delta R.T. 0.000 min
Lab File: VN067590.D
Acq: 1 Jul 2021 11:24

Tgt Ion:128 Resp: 94730
Ion Ratio Lower Upper
128 100
49 167.9 0.0 517.5
130 129.0 0.0 325.8

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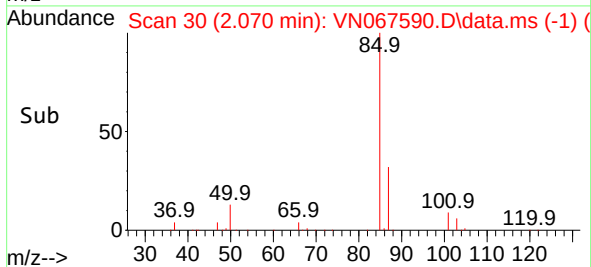
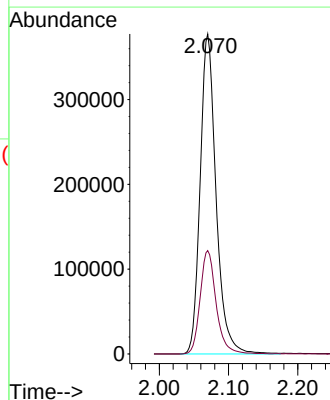
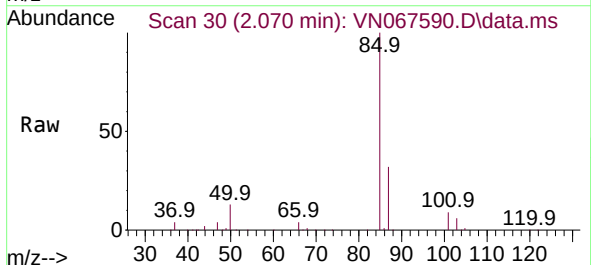
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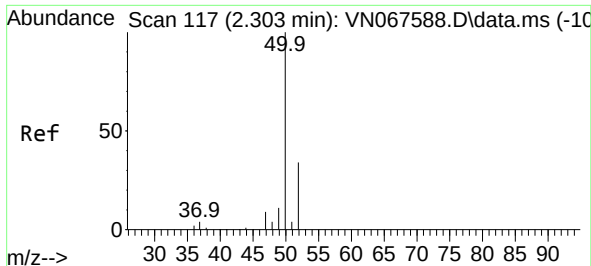
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#2
Dichlorodifluoromethane
Concen: 102.835 ug/l
RT: 2.070 min Scan# 30
Delta R.T. -0.003 min
Lab File: VN067590.D
Acq: 1 Jul 2021 11:24

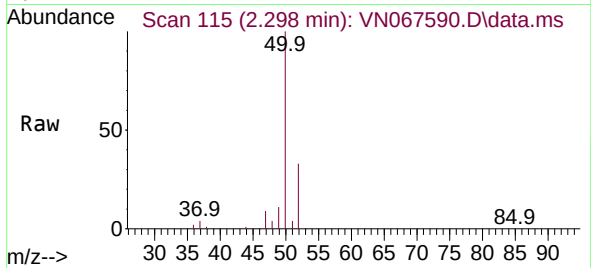
Tgt Ion: 85 Resp: 602729
Ion Ratio Lower Upper
85 100
87 32.3 15.7 47.0





#3
Chloromethane
Concen: 98.101 ug/l
RT: 2.298 min Scan# 115
Delta R.T. -0.005 min
Lab File: VN067590.D
Acq: 1 Jul 2021 11:24

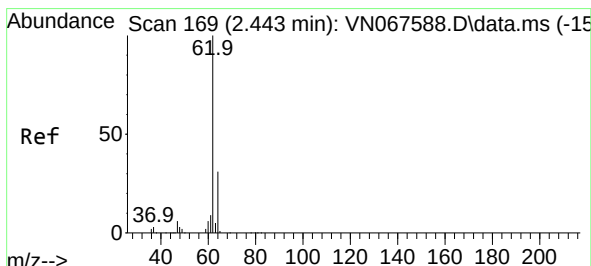
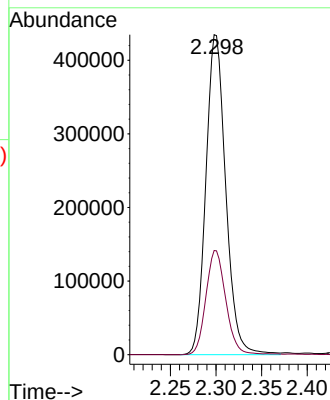
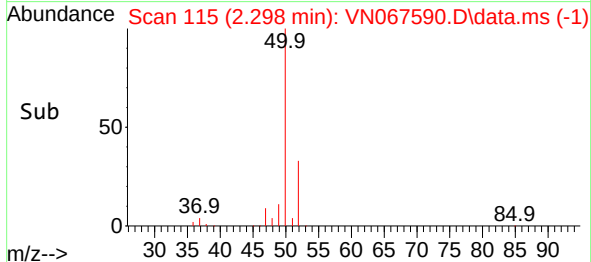
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VSTDIC100



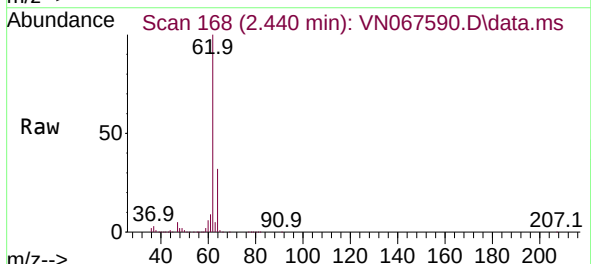
Tgt Ion: 50 Resp: 658109
Ion Ratio Lower Upper
50 100
52 32.6 26.0 39.0

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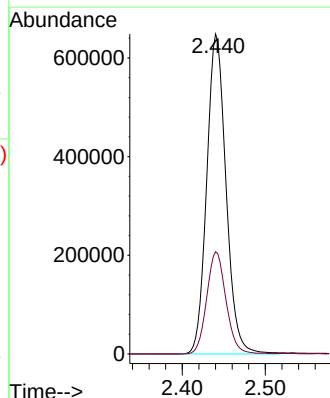
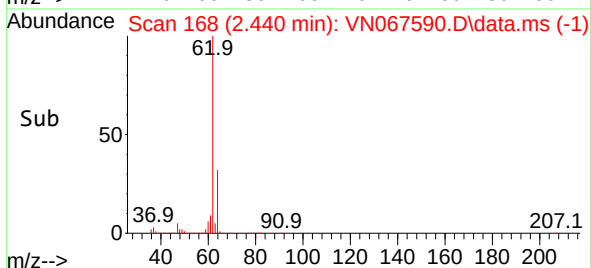
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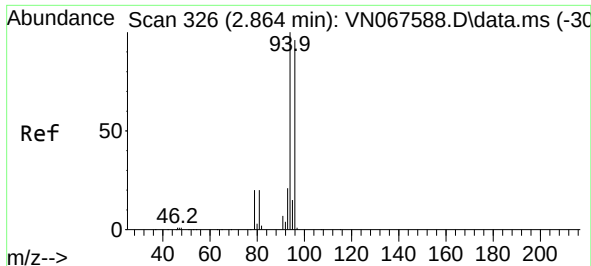


#4
Vinyl Chloride
Concen: 134.160 ug/l
RT: 2.440 min Scan# 168
Delta R.T. -0.003 min
Lab File: VN067590.D
Acq: 1 Jul 2021 11:24

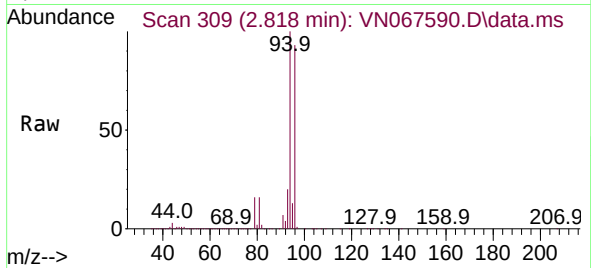


Tgt Ion: 62 Resp: 1044638
Ion Ratio Lower Upper
62 100
64 32.0 23.7 35.5

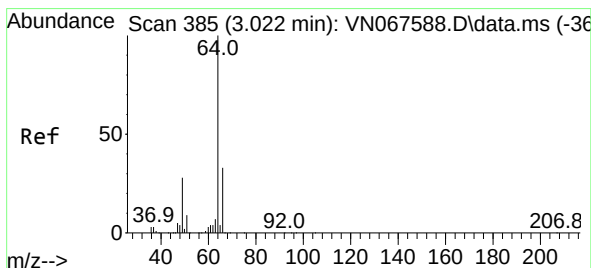
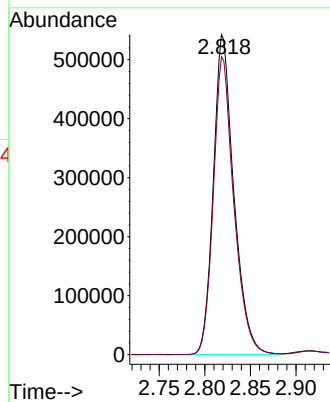
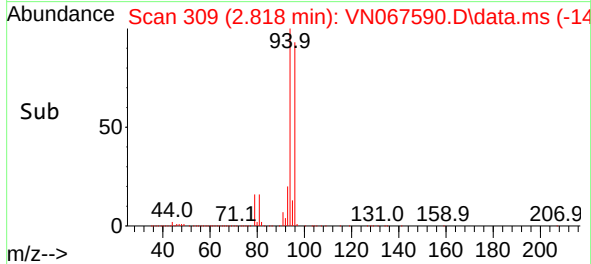




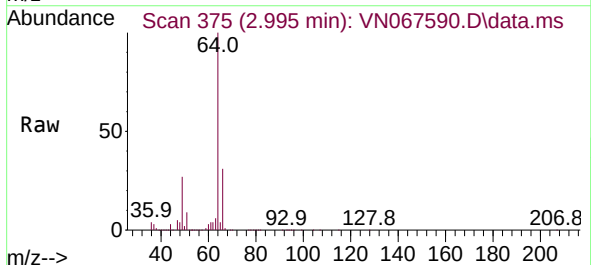
#5
Bromomethane
Concen: 177.967 ug/l
RT: 2.818 min Scan# 309
Delta R.T. -0.046 min
Lab File: VN067590.D
Acq: 1 Jul 2021 11:24



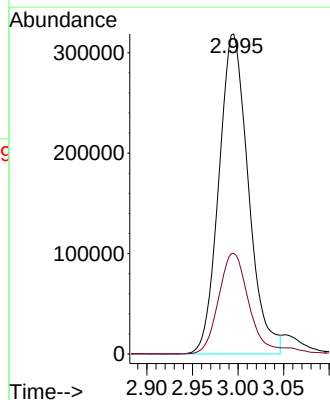
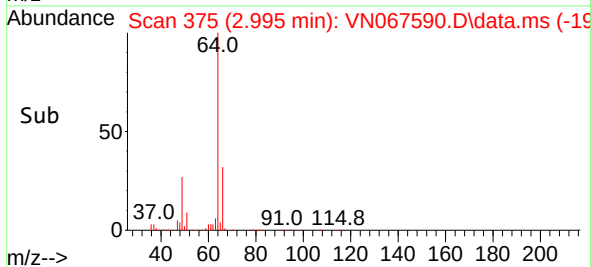
Tgt Ion: 94 Resp: 849606
Ion Ratio Lower Upper
94 100
96 93.1 69.4 104.2



#6
Chloroethane
Concen: 141.627 ug/l
RT: 2.995 min Scan# 375
Delta R.T. -0.027 min
Lab File: VN067590.D
Acq: 1 Jul 2021 11:24



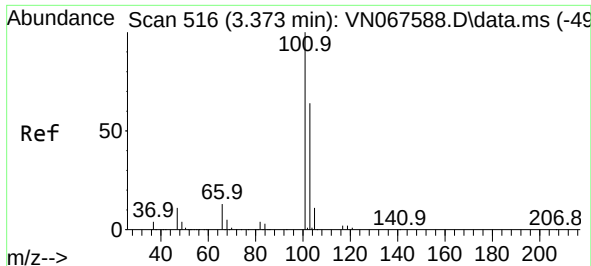
Tgt Ion: 64 Resp: 717323
Ion Ratio Lower Upper
64 100
66 31.4 21.5 32.3



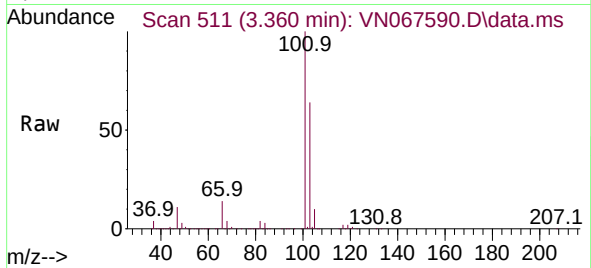
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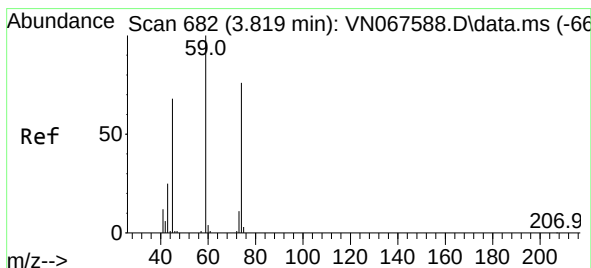
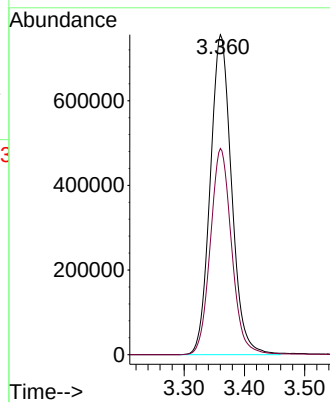
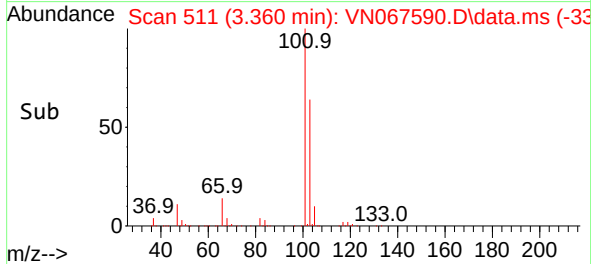
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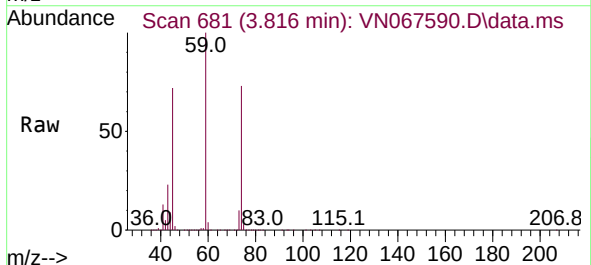
#7
Trichlorofluoromethane
Concen: 148.921 ug/l
RT: 3.360 min Scan# 511
Delta R.T. -0.013 min
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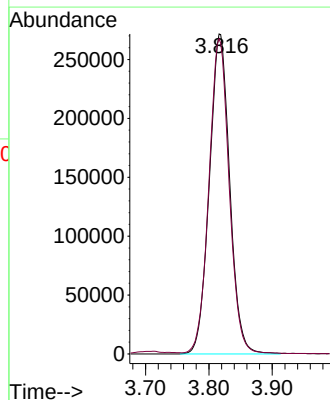
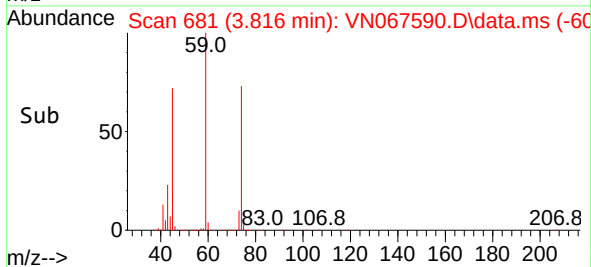
Tgt Ion:101 Resp: 1858816
Ion Ratio Lower Upper
101 100
103 64.4 53.7 80.5



#8
Diethyl Ether
Concen: 155.695 ug/l
RT: 3.816 min Scan# 681
Delta R.T. -0.003 min
Lab File: VN067590.D
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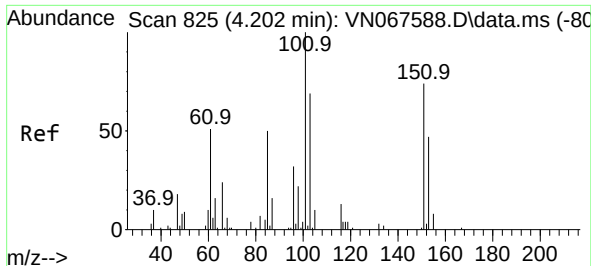
Tgt Ion: 74 Resp: 606165
Ion Ratio Lower Upper
74 100
45 97.8 20.3 182.5



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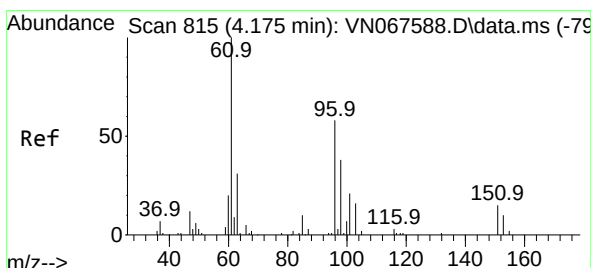
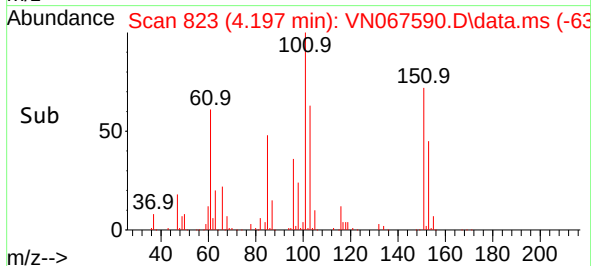
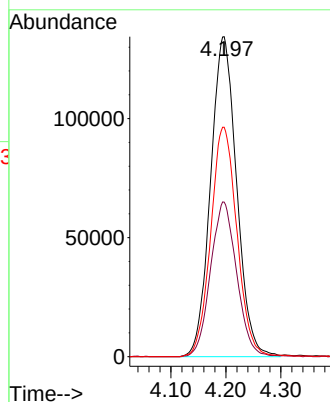
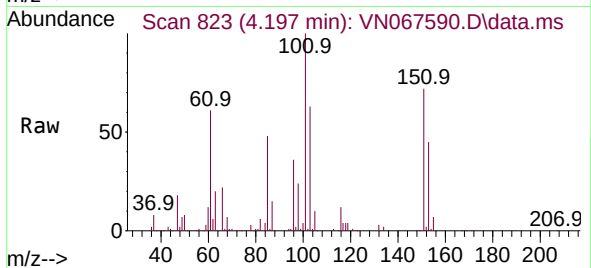
#9
1,1,2-Trichlorotrifluoroethane
Concen: 90.952 ug/l
RT: 4.197 min Scan# 823
Delta R.T. -0.005 min
Lab File: VN067590.D
Acq: 1 Jul 2021 11:24

Tgt Ion:101 Resp: 442490
Ion Ratio Lower Upper
101 100
85 48.4 0.0 97.8
151 72.1 0.0 135.0

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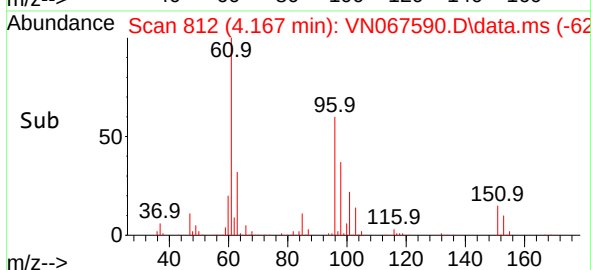
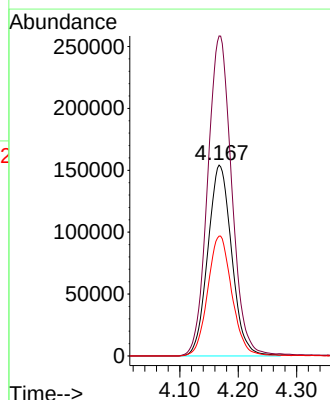
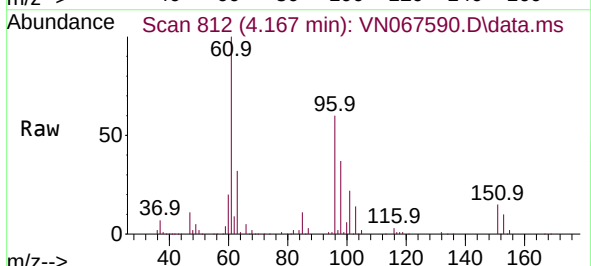
Manual Integrations
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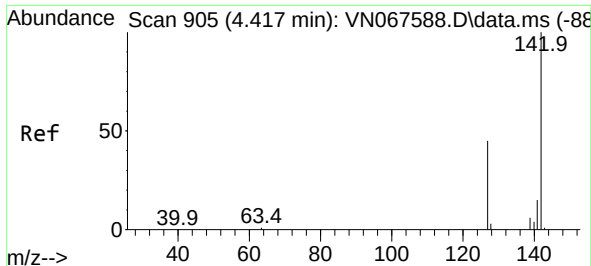
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#10
1,1-Dichloroethene
Concen: 92.814 ug/l
RT: 4.167 min Scan# 812
Delta R.T. -0.008 min
Lab File: VN067590.D
Acq: 1 Jul 2021 11:24

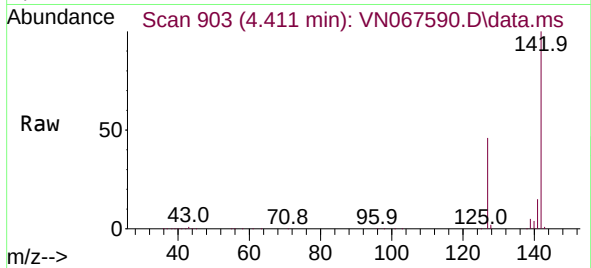
Tgt Ion: 96 Resp: 438802
Ion Ratio Lower Upper
96 100
61 167.5 148.3 222.5
98 62.8 48.6 73.0





#11
Methyl Iodide
Concen: 112.108 ug/l
RT: 4.411 min Scan# 903
Delta R.T. -0.005 min
Lab File: VN067590.D
Acq: 1 Jul 2021 11:24

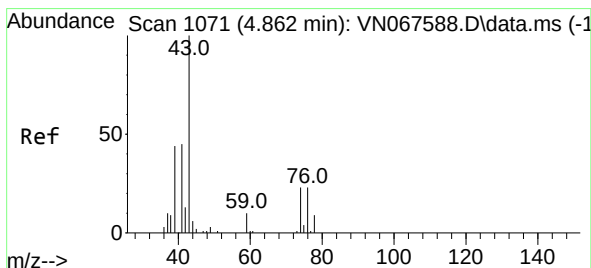
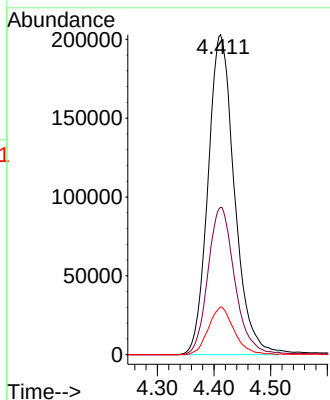
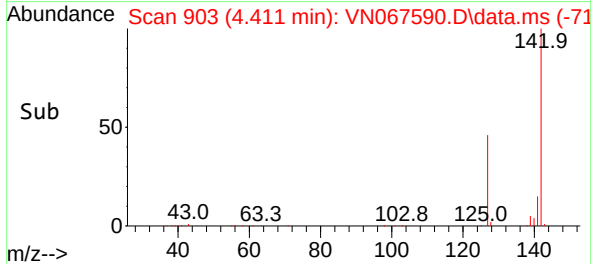
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



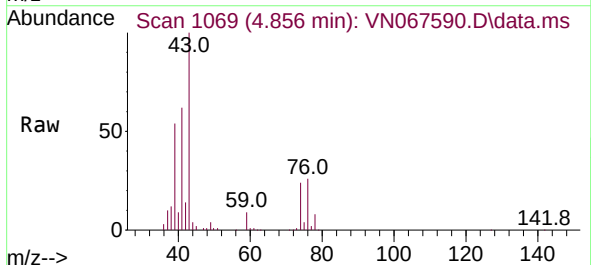
Tgt Ion:142 Resp: 658756
Ion Ratio Lower Upper
142 100
127 46.0 27.2 81.5
141 14.9 6.9 20.7

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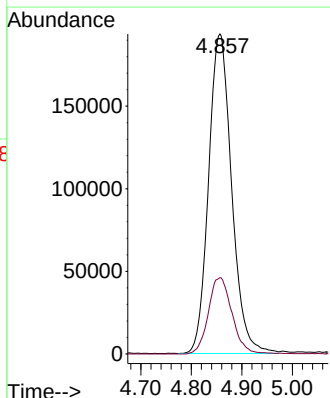
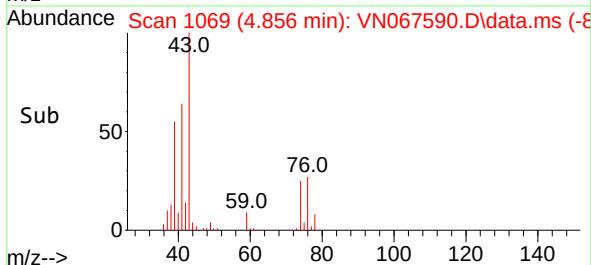
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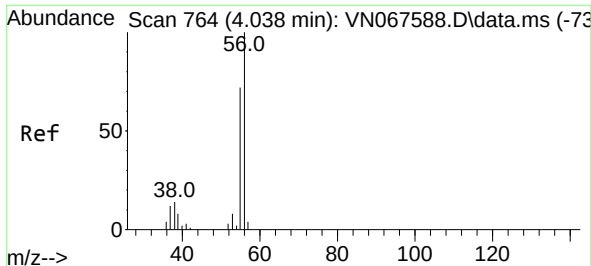


#12
Methyl Acetate
Concen: 89.879 ug/l
RT: 4.856 min Scan# 1069
Delta R.T. -0.005 min
Lab File: VN067590.D
Acq: 1 Jul 2021 11:24



Tgt Ion: 43 Resp: 614372
Ion Ratio Lower Upper
43 100
74 23.9 16.6 25.0





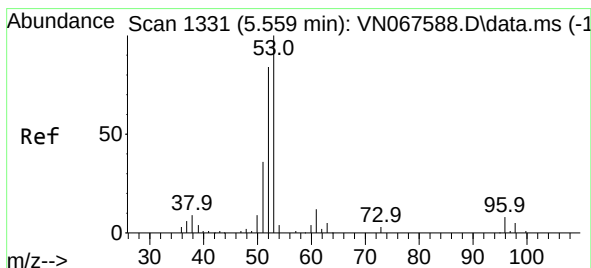
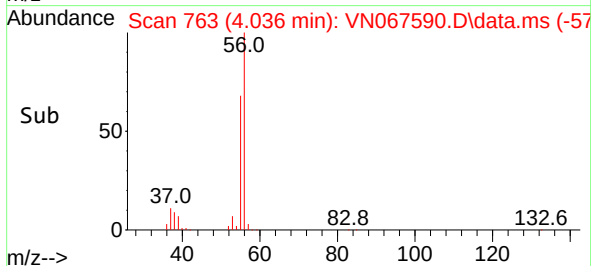
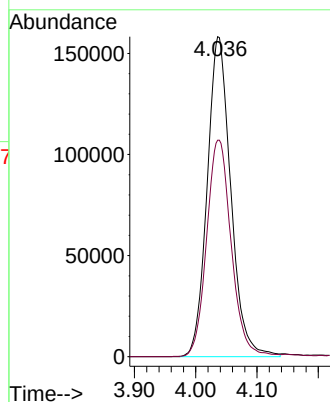
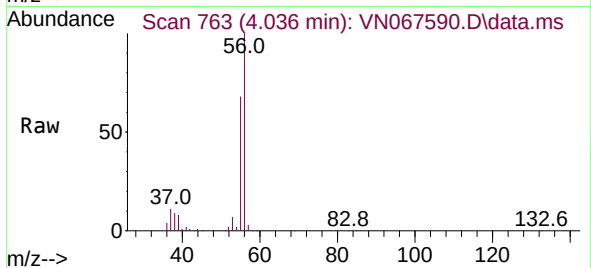
#13
Acrolein
Concen: 495.108 ug/l
RT: 4.036 min Scan# 763
Delta R.T. -0.003 min
Lab File: VN067590.D
Acq: 1 Jul 2021 11:24

Tgt Ion: 56 Resp: 423569
Ion Ratio Lower Upper
56 100
55 69.7 57.5 86.3

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

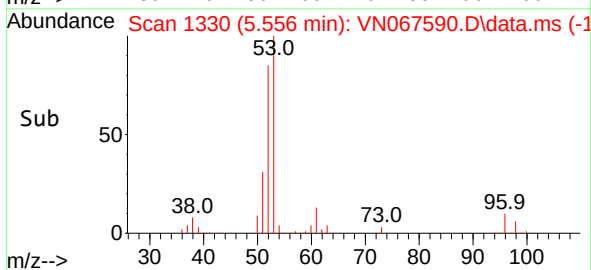
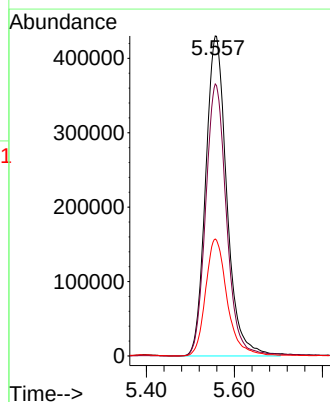
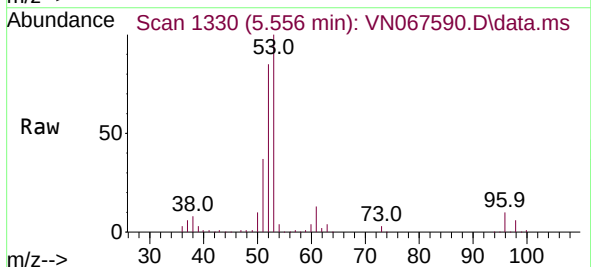
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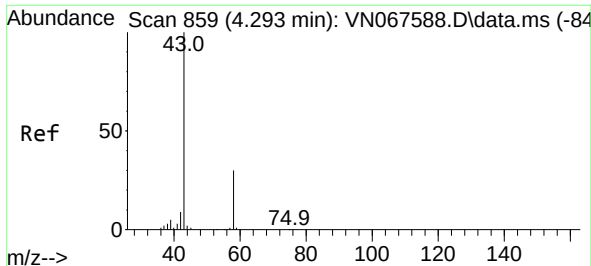
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#14
Acrylonitrile
Concen: 493.649 ug/l
RT: 5.556 min Scan# 1330
Delta R.T. -0.003 min
Lab File: VN067590.D
Acq: 1 Jul 2021 11:24

Tgt Ion: 53 Resp: 1435352
Ion Ratio Lower Upper
53 100
52 83.4 41.8 125.4
51 37.2 18.1 54.3





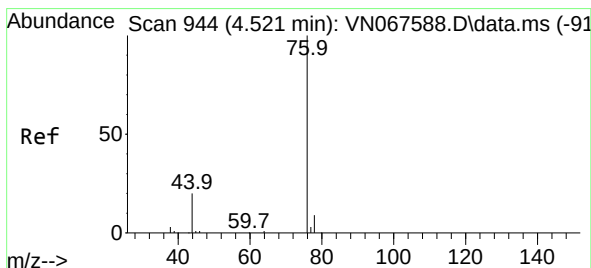
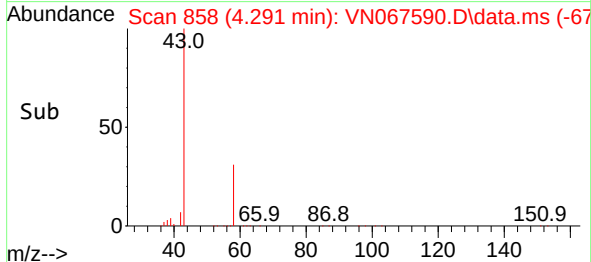
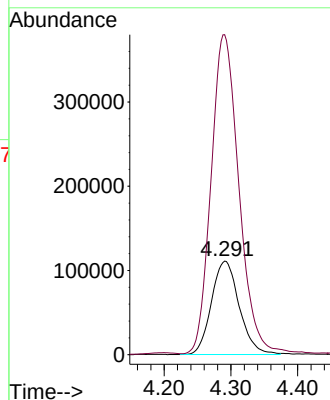
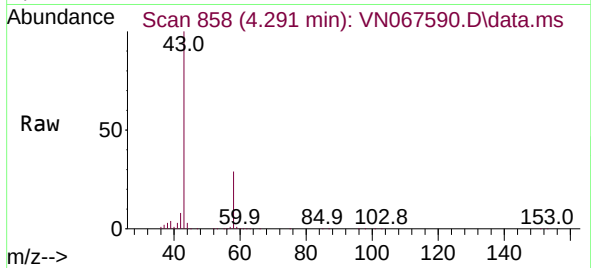
#15
Acetone
Concen: 446.292 ug/l
RT: 4.291 min Scan# 858
Delta R.T. -0.003 min
Lab File: VN067590.D
Acq: 1 Jul 2021 11:24

Tgt Ion: 58 Resp: 321138
Ion Ratio Lower Upper
58 100
43 341.7 289.6 434.4

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

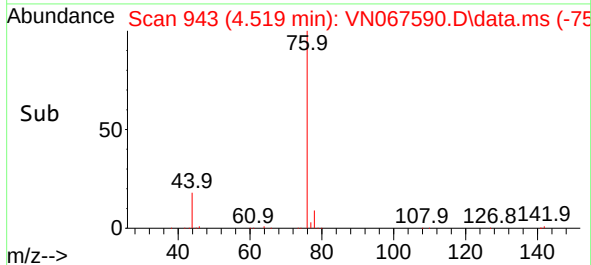
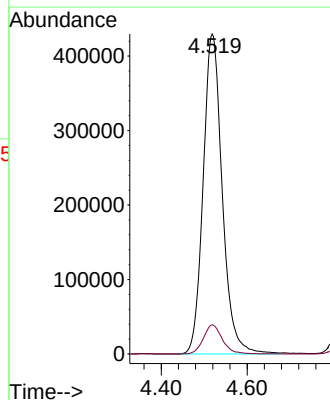
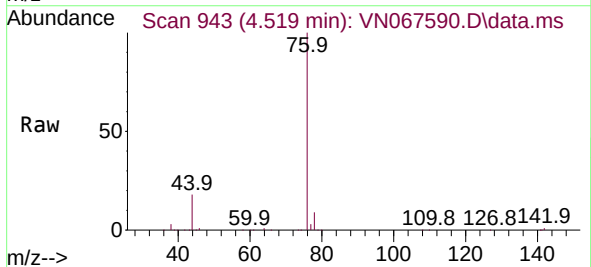
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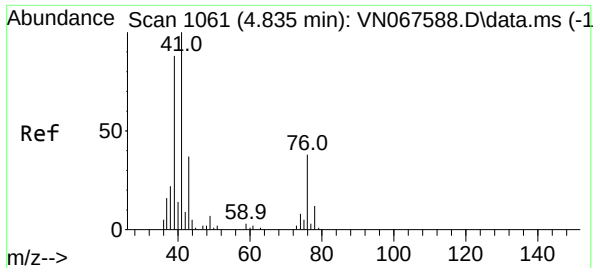
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#16
Carbon Disulfide
Concen: 90.271 ug/l
RT: 4.519 min Scan# 943
Delta R.T. -0.003 min
Lab File: VN067590.D
Acq: 1 Jul 2021 11:24

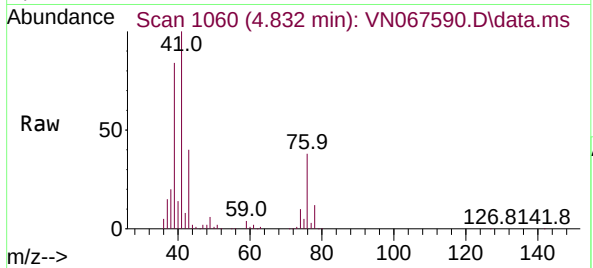
Tgt Ion: 76 Resp: 1326216
Ion Ratio Lower Upper
76 100
78 9.1 7.0 10.4





#17
 Allyl chloride
 Concen: 83.306 ug/l
 RT: 4.832 min Scan# 1060
 Delta R.T. -0.003 min
 Lab File: VN067590.D
 Acq: 1 Jul 2021 11:24

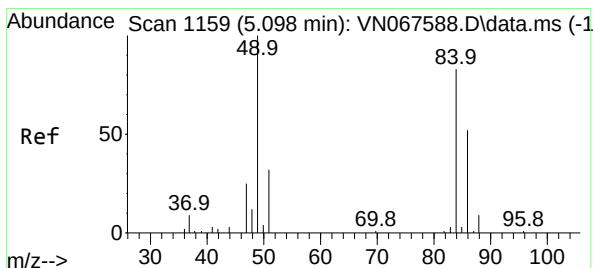
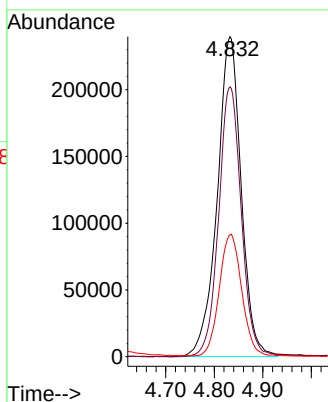
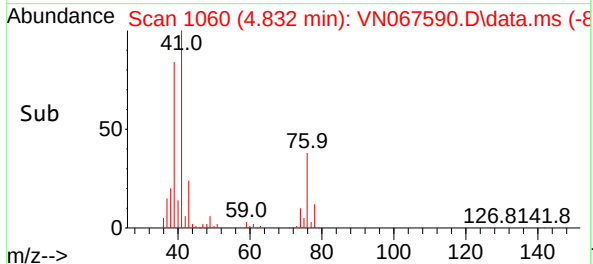
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC100



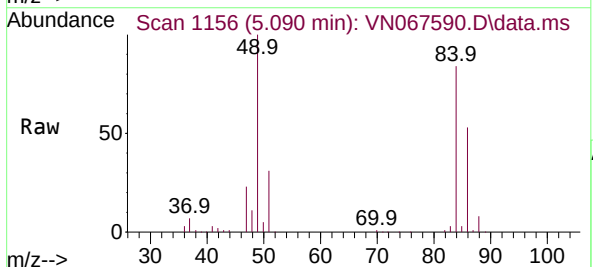
Tgt Ion: 41 Resp: 821455
 Ion Ratio Lower Upper
 41 100
 39 84.4 39.8 119.4
 76 37.8 16.8 50.4

Manual Integrations
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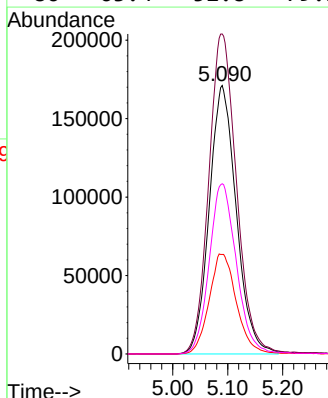
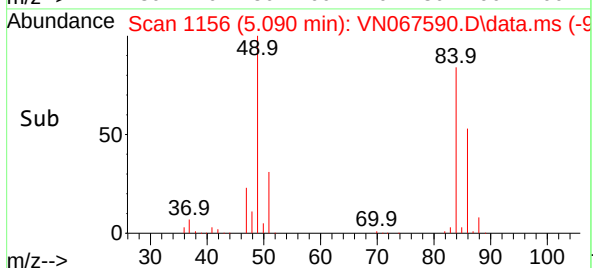
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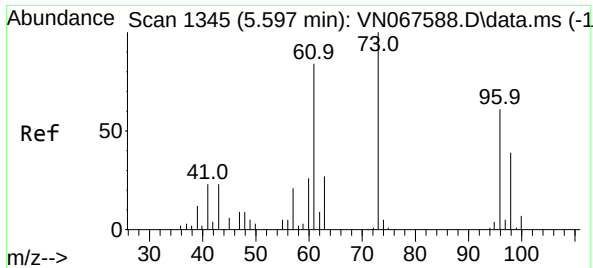


#18
 Methylene Chloride
 Concen: 98.608 ug/l
 RT: 5.090 min Scan# 1156
 Delta R.T. -0.008 min
 Lab File: VN067590.D
 Acq: 1 Jul 2021 11:24

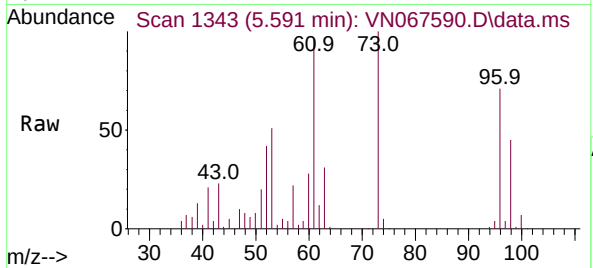


Tgt Ion: 84 Resp: 584558
 Ion Ratio Lower Upper
 84 100
 49 119.1 110.9 166.3
 51 37.1 31.2 46.8
 86 63.4 52.8 79.2

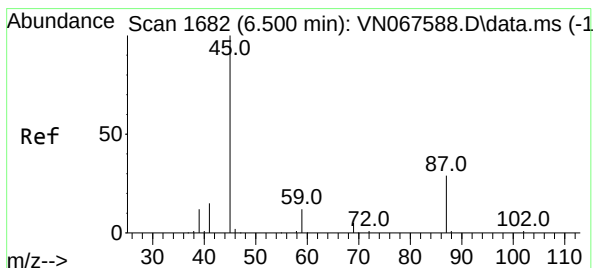
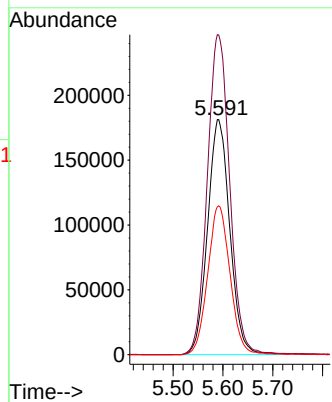
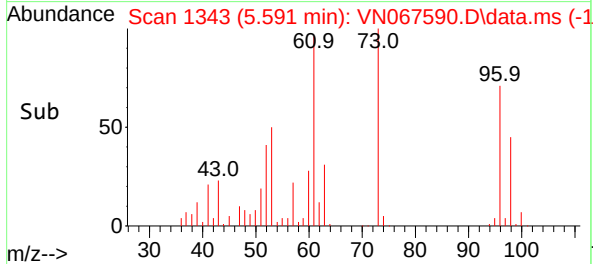




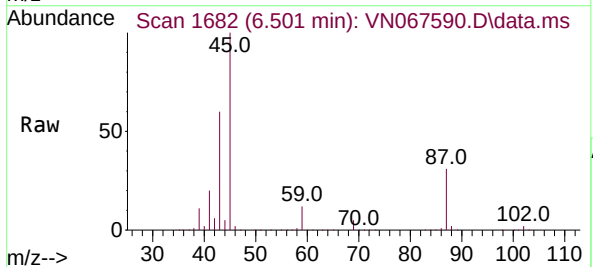
#19
trans-1,2-Dichloroethene
Concen: 106.397 ug/l
RT: 5.591 min Scan# 1343
Delta R.T. -0.005 min
Lab File: VN067590.D
Acq: 1 Jul 2021 11:24



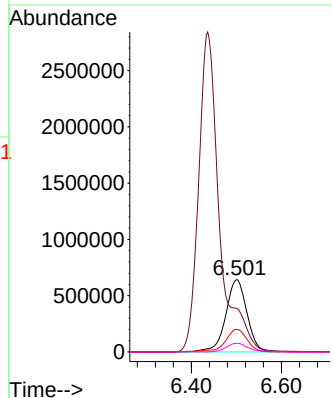
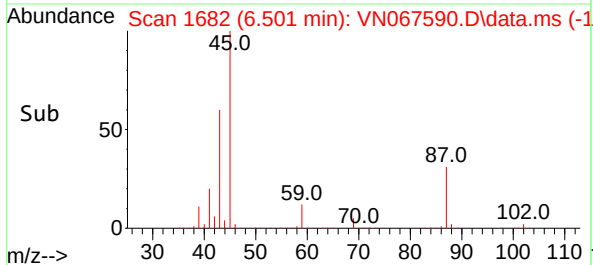
Tgt Ion: 96 Resp: 562479
Ion Ratio Lower Upper
96 100
61 136.0 129.3 193.9
98 63.3 48.0 72.0



#20
Diisopropyl ether
Concen: 105.540 ug/l
RT: 6.501 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN067590.D
Acq: 1 Jul 2021 11:24



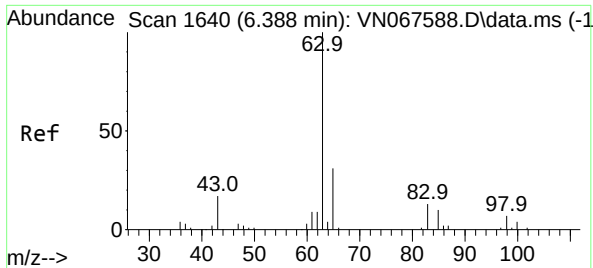
Tgt Ion: 45 Resp: 2096204
Ion Ratio Lower Upper
45 100
43 58.9 48.1 72.1
87 31.1 19.8 29.6#
59 11.7 8.6 13.0



Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Manual Integrations
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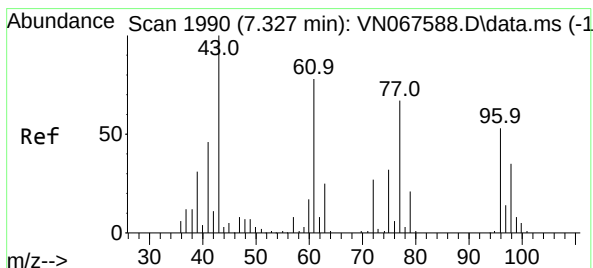
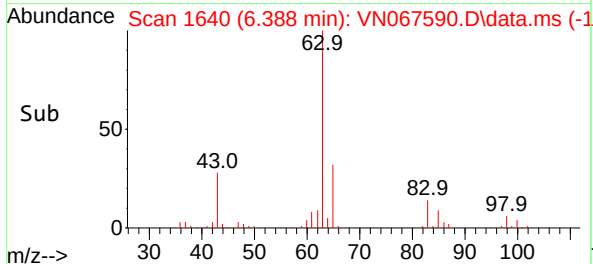
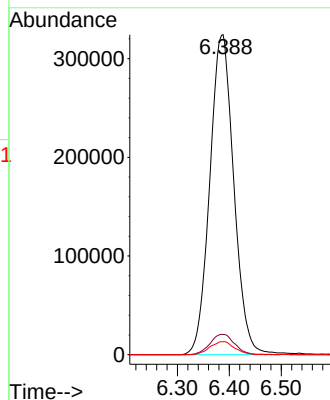
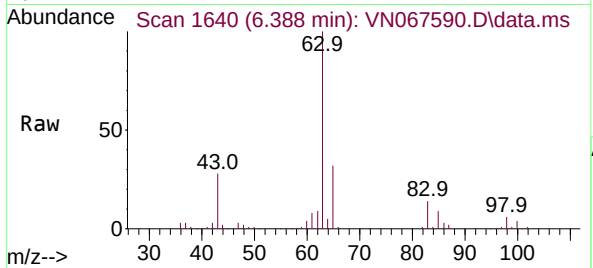
#21
1,1-Dichloroethane
Concen: 94.051 ug/l
RT: 6.388 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VN067590.D
Acq: 1 Jul 2021 11:24

Tgt Ion: 63 Resp: 1043130
Ion Ratio Lower Upper
63 100
98 6.3 2.7 8.1
100 4.0 1.8 5.3

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

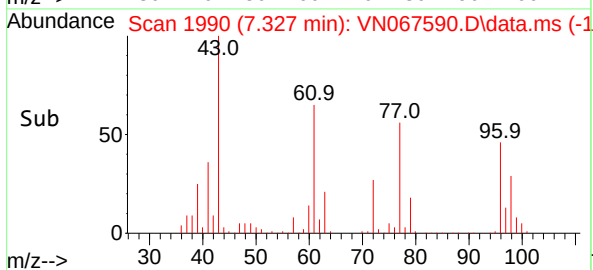
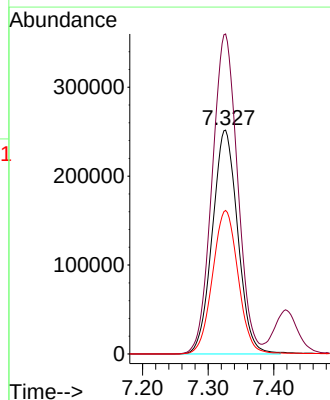
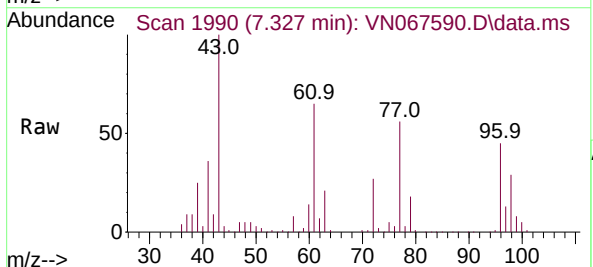
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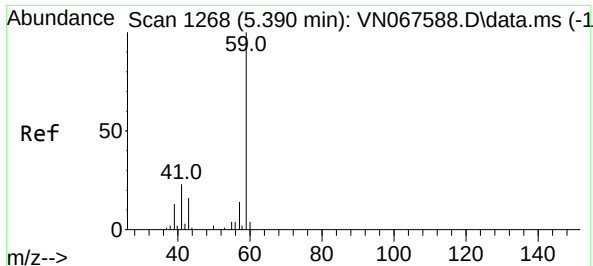
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#22
cis-1,2-Dichloroethene
Concen: 106.419 ug/l
RT: 7.327 min Scan# 1990
Delta R.T. 0.000 min
Lab File: VN067590.D
Acq: 1 Jul 2021 11:24

Tgt Ion: 96 Resp: 676240
Ion Ratio Lower Upper
96 100
61 143.4 131.2 196.8
98 64.8 50.7 76.1





#23

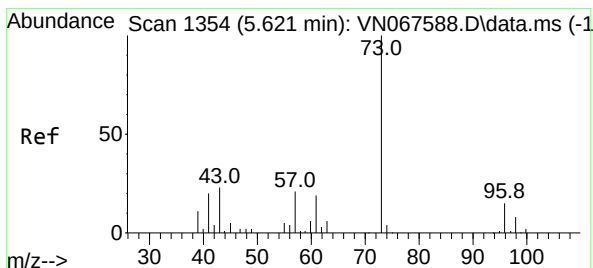
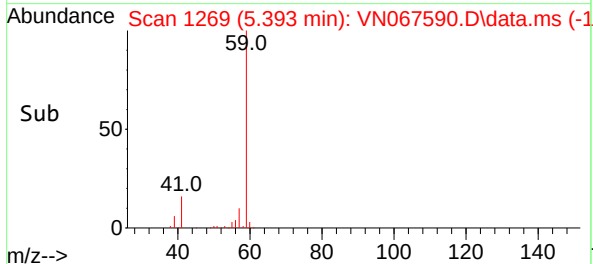
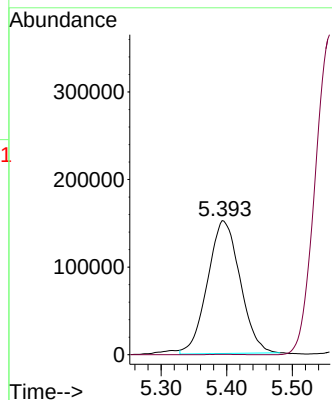
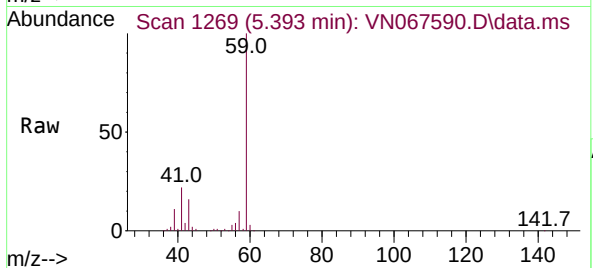
tert-Butyl Alcohol
Concen: 418.367 ug/l
RT: 5.393 min Scan# 1269
Delta R.T. 0.003 min
Lab File: VN067590.D
Acq: 1 Jul 2021 11:24

Tgt Ion: 59 Resp: 523014
Ion Ratio Lower Upper
59 100
52 0.0 0.1 0.1#

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Manual Integrations
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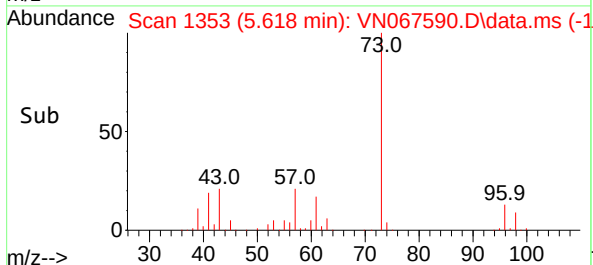
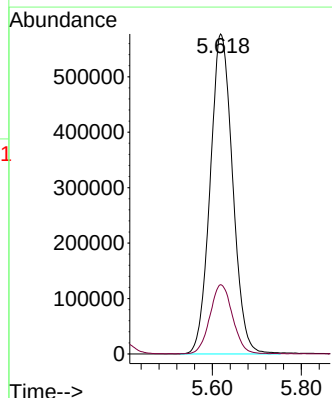
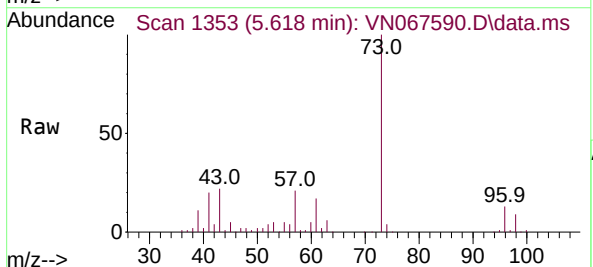
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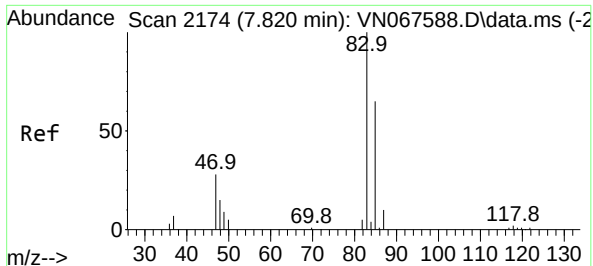


#24

Methyl tert-Butyl Ether
Concen: 101.096 ug/l
RT: 5.618 min Scan# 1353
Delta R.T. -0.003 min
Lab File: VN067590.D
Acq: 1 Jul 2021 11:24

Tgt Ion: 73 Resp: 2024855
Ion Ratio Lower Upper
73 100
43 21.6 20.0 30.0





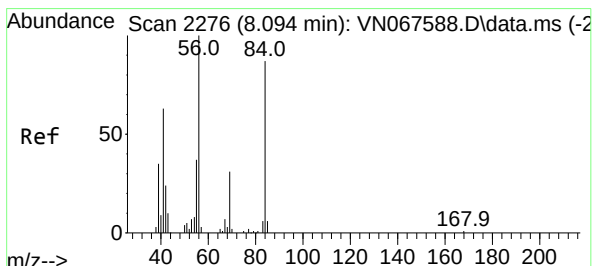
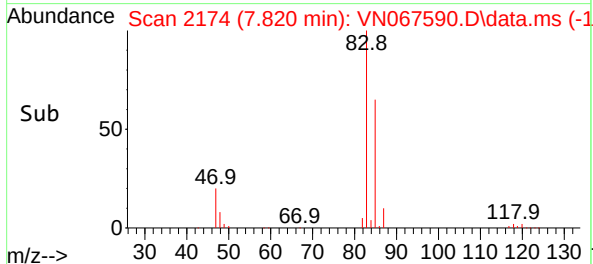
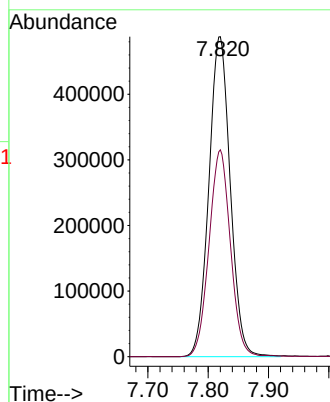
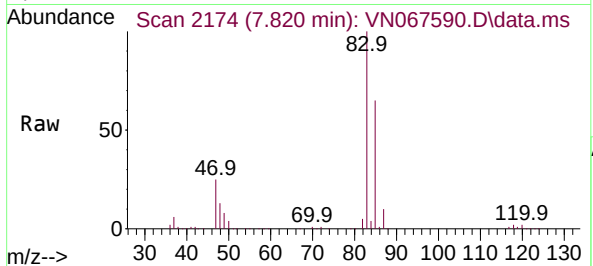
#25
Chloroform
Concen: 103.691 ug/l
RT: 7.820 min Scan# 2174
Delta R.T. 0.000 min
Lab File: VN067590.D
Acq: 1 Jul 2021 11:24

Instrument :
MSVOA_N
ClientSampled :
VSTDIC100

Tgt Ion: 83 Resp: 1202533
Ion Ratio Lower Upper
83 100
85 64.6 51.5 77.3

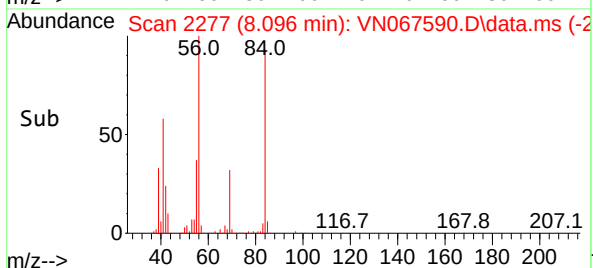
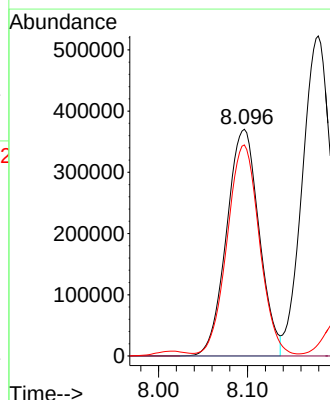
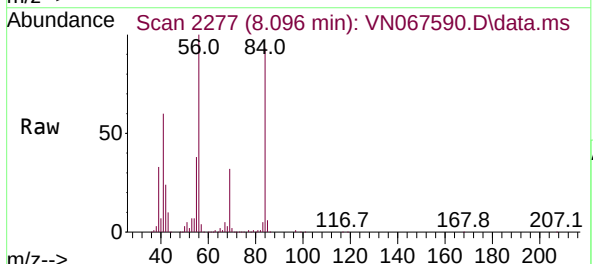
Manual Integrations
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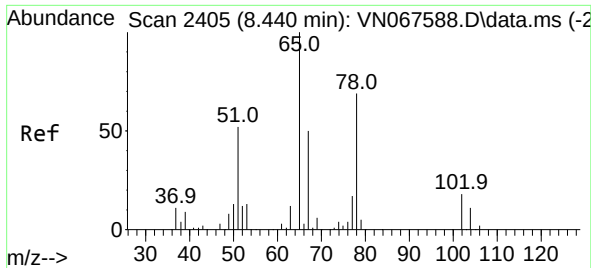
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#26
Cyclohexane
Concen: 97.637 ug/l
RT: 8.096 min Scan# 2277
Delta R.T. 0.003 min
Lab File: VN067590.D
Acq: 1 Jul 2021 11:24

Tgt Ion: 56 Resp: 943691
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 92.7 66.2 99.2





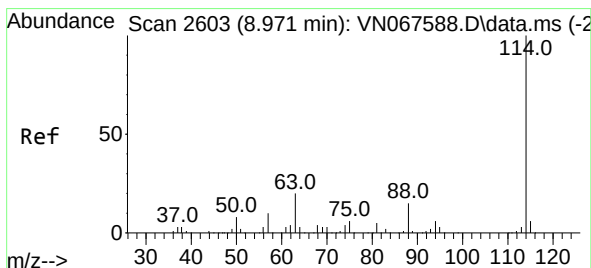
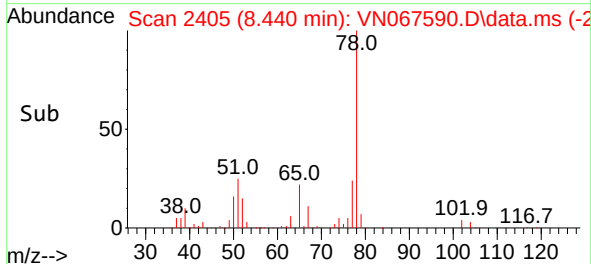
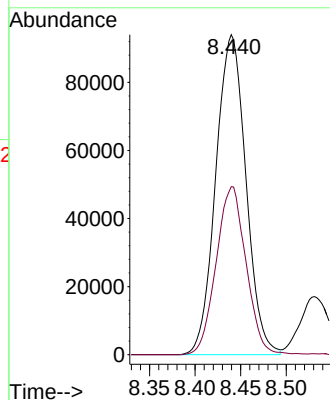
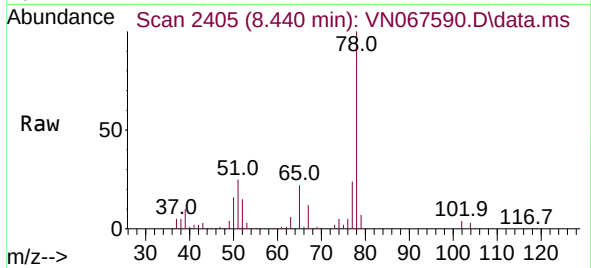
#27
1,2-Dichloroethane-d4
Concen: 23.610 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.000 min
Lab File: VN067590.D
Acq: 1 Jul 2021 11:24

Tgt Ion: 65 Resp: 216373
Ion Ratio Lower Upper
65 100
67 52.0 39.8 59.8

Instrument :
MSVOA_N
ClientSampled :
VSTDIC100

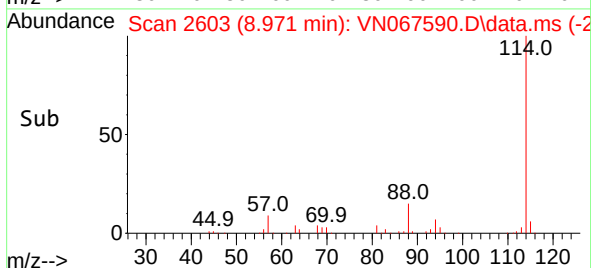
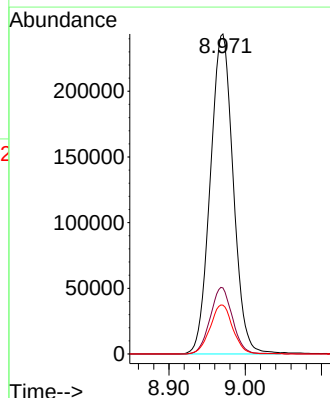
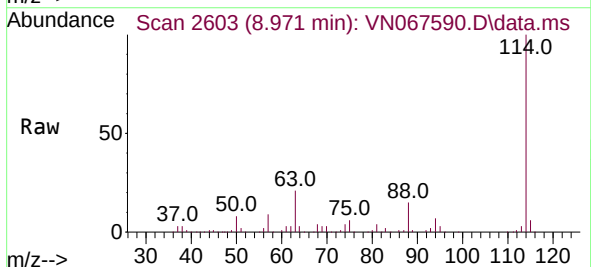
Manual Integrations
APPROVED

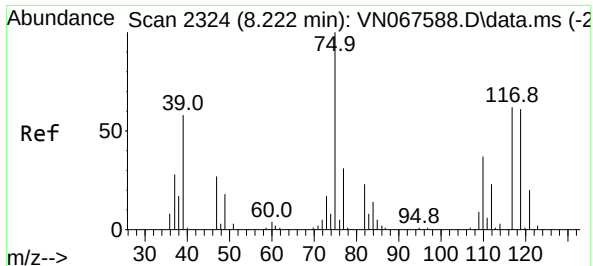
MMDadoda
7/5/2021 2:00:27 PM



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.000 min
Lab File: VN067590.D
Acq: 1 Jul 2021 11:24

Tgt Ion: 114 Resp: 507819
Ion Ratio Lower Upper
114 100
63 20.1 20.3 30.5#
88 15.1 14.6 22.0





#29

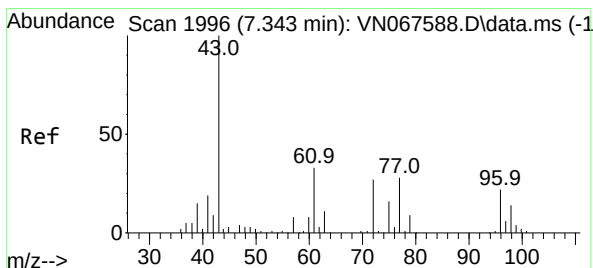
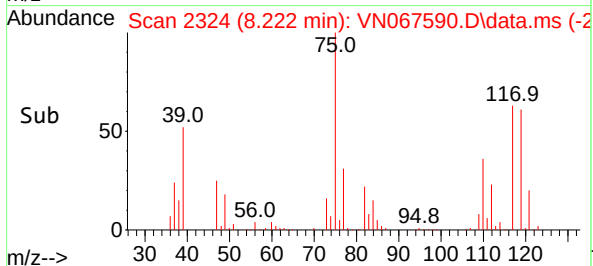
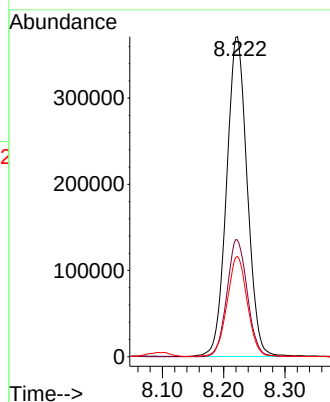
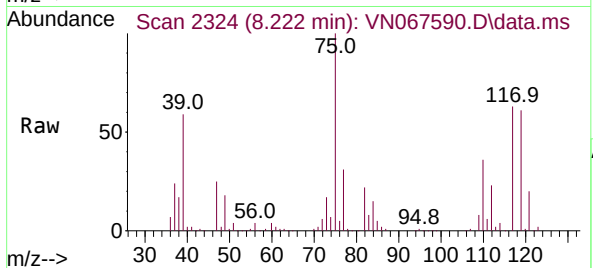
1,1-Dichloropropene
Concen: 113.830 ug/l
RT: 8.222 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VN067590.D
Acq: 1 Jul 2021 11:24

Tgt Ion: 75 Resp: 867110
Ion Ratio Lower Upper
75 100
110 36.1 0.0 63.4
77 30.8 0.0 63.0

Instrument :
MSVOA_N
ClientSampled :
VSTDIC100

Manual Integrations
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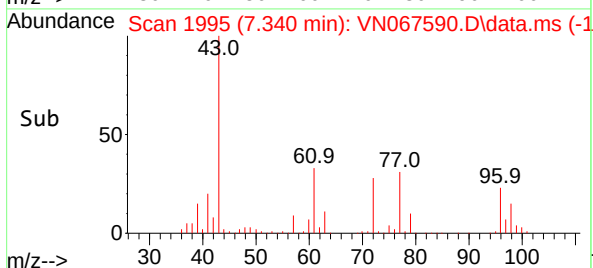
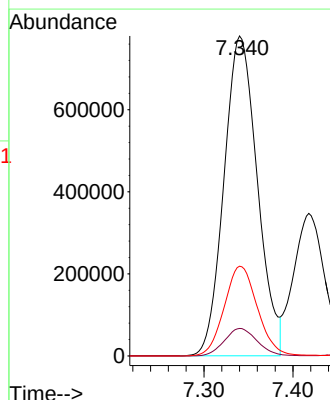
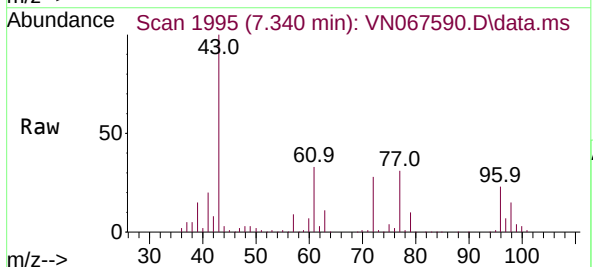
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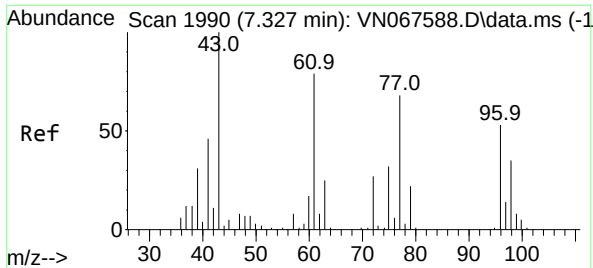


#30

2-Butanone
Concen: 534.751 ug/l
RT: 7.340 min Scan# 1995
Delta R.T. -0.003 min
Lab File: VN067590.D
Acq: 1 Jul 2021 11:24

Tgt Ion: 43 Resp: 2031211
Ion Ratio Lower Upper
43 100
57 8.5 6.9 10.3
72 28.0 20.0 30.0





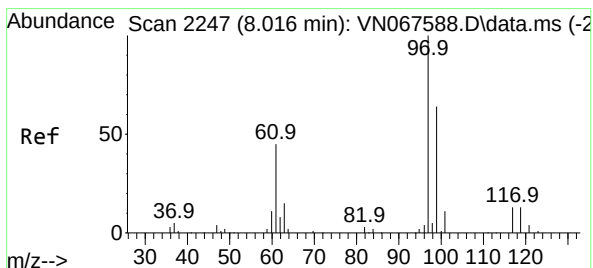
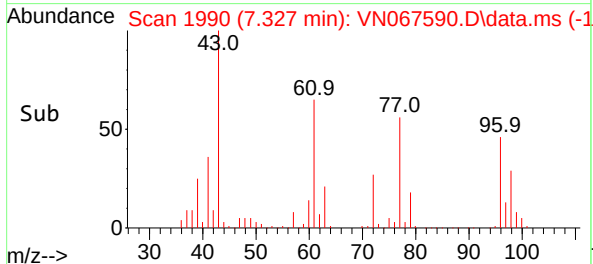
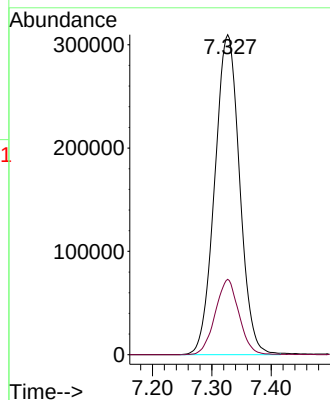
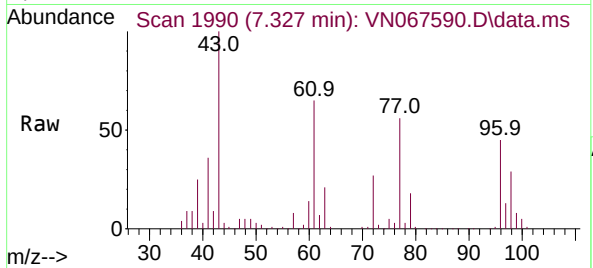
#31
2,2-Dichloropropane
Concen: 111.574 ug/l
RT: 7.327 min Scan# 1990
Delta R.T. 0.000 min
Lab File: VN067590.D
Acq: 1 Jul 2021 11:24

Tgt Ion: 77 Resp: 902941
Ion Ratio Lower Upper
77 100
97 22.4 16.3 24.5

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

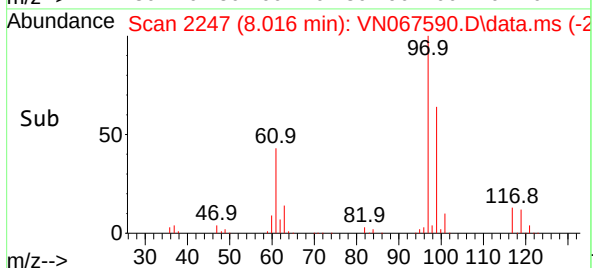
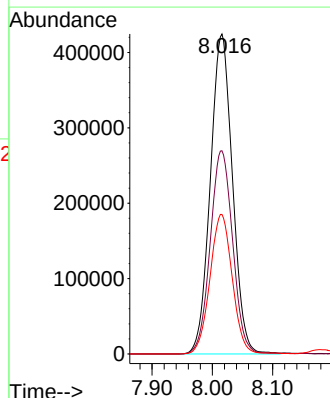
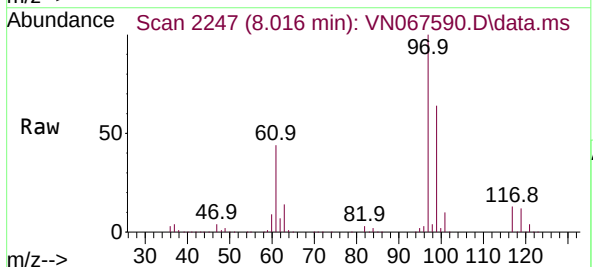
Manual Integrations
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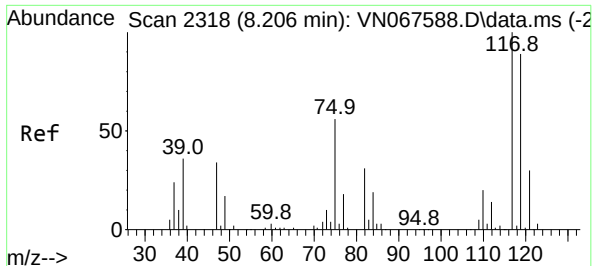
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7/5/2021 2:00:27 PM



#32
1,1,1-Trichloroethane
Concen: 113.373 ug/l
RT: 8.016 min Scan# 2247
Delta R.T. 0.000 min
Lab File: VN067590.D
Acq: 1 Jul 2021 11:24

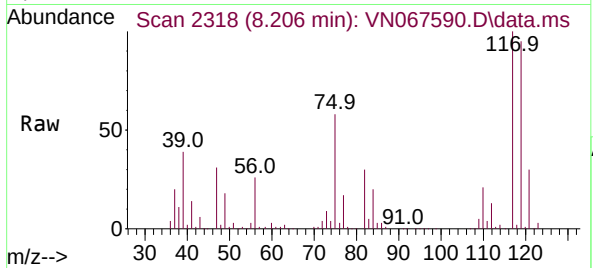
Tgt Ion: 97 Resp: 1083172
Ion Ratio Lower Upper
97 100
99 64.4 49.7 74.5
61 43.9 38.0 57.0





#33
Carbon Tetrachloride
Concen: 118.466 ug/l
RT: 8.206 min Scan# 2318
Delta R.T. 0.000 min
Lab File: VN067590.D
Acq: 1 Jul 2021 11:24

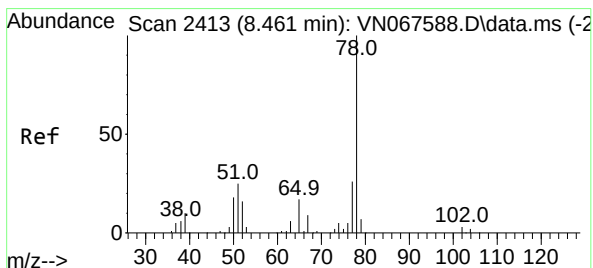
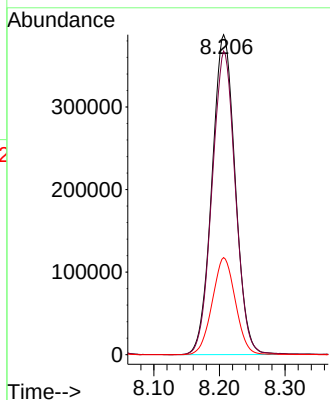
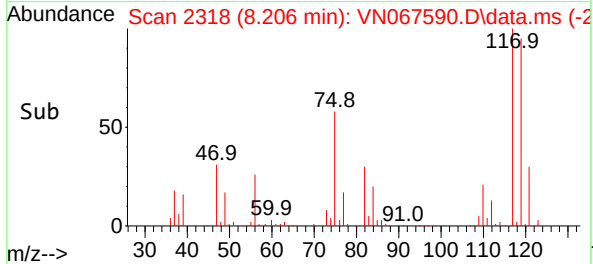
Instrument :
MSVOA_N
ClientSampled :
VSTDIC100



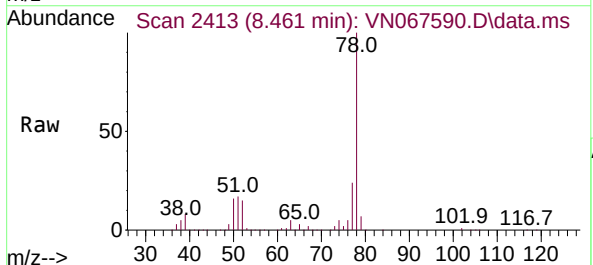
Tgt Ion:117 Resp: 954375
Ion Ratio Lower Upper
117 100
119 94.9 73.3 109.9
121 30.4 24.2 36.4

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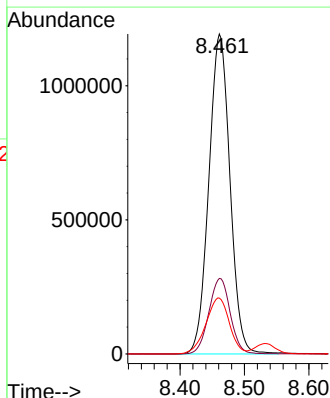
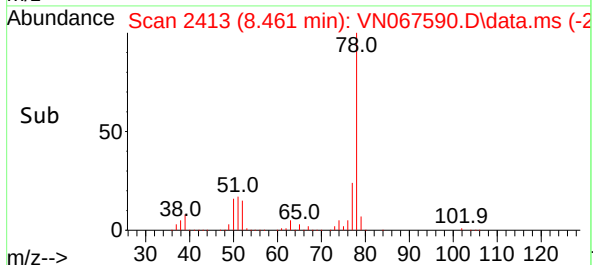
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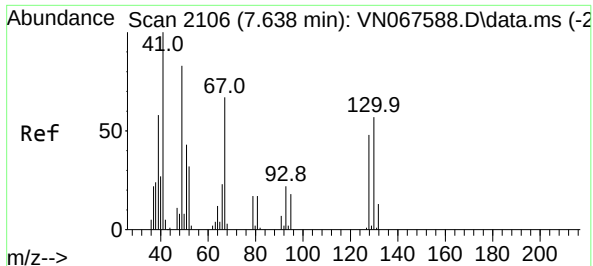


#34
Benzene
Concen: 124.675 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. 0.000 min
Lab File: VN067590.D
Acq: 1 Jul 2021 11:24

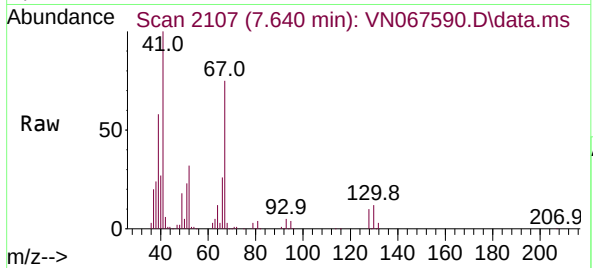


Tgt Ion: 78 Resp: 2717001
Ion Ratio Lower Upper
78 100
77 23.6 18.6 28.0
51 17.4 20.0 30.0#

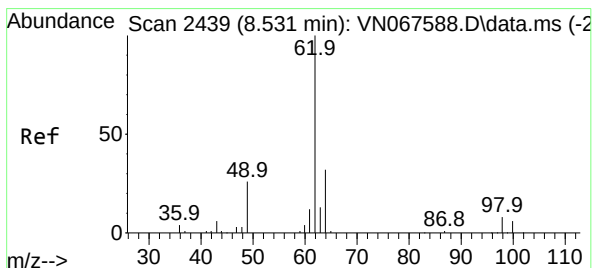
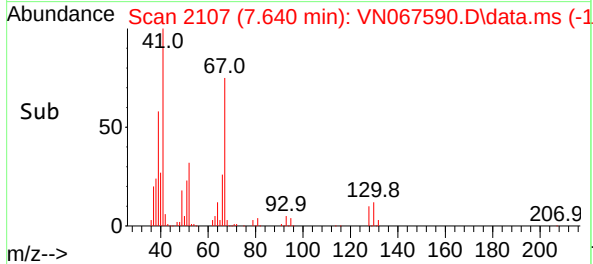
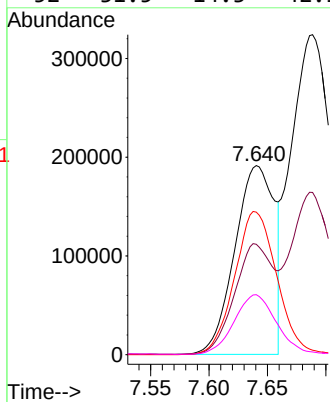




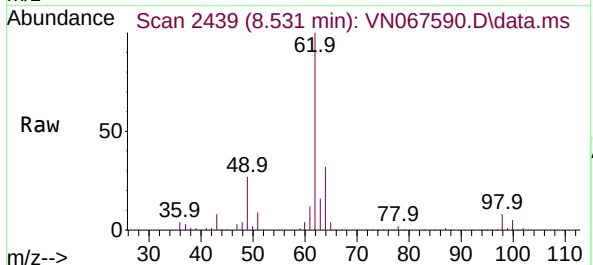
#35
Methacrylonitrile
Concen: 110.924 ug/l
RT: 7.640 min Scan# 2107
Delta R.T. 0.003 min
Lab File: VN067590.D
Acq: 1 Jul 2021 11:24



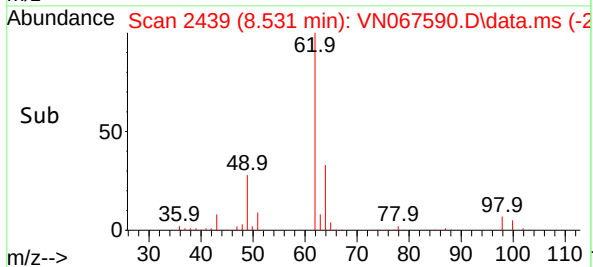
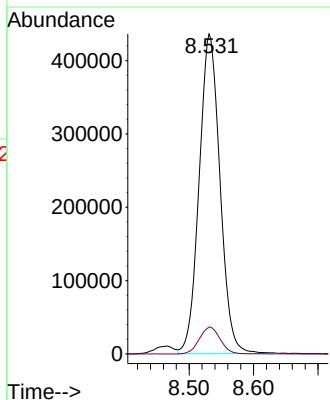
Tgt Ion:	41	Resp:	450050
Ion	Ratio	Lower	Upper
41	100		
39	58.3	30.3	90.9
67	75.6	32.1	96.3
52	31.5	14.3	42.9



#36
1,2-Dichloroethane
Concen: 108.495 ug/l
RT: 8.531 min Scan# 2439
Delta R.T. 0.000 min
Lab File: VN067590.D
Acq: 1 Jul 2021 11:24



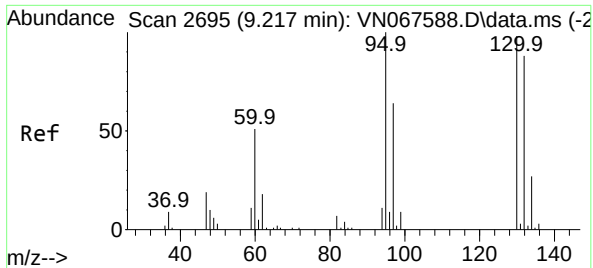
Tgt Ion:	62	Resp:	980037
Ion	Ratio	Lower	Upper
62	100		
98	8.4	6.0	9.0



Instrument :
MSVOA_N
ClientSampled :
VSTDIC100

Manual Integrations
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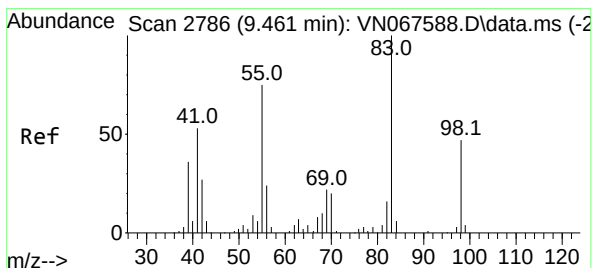
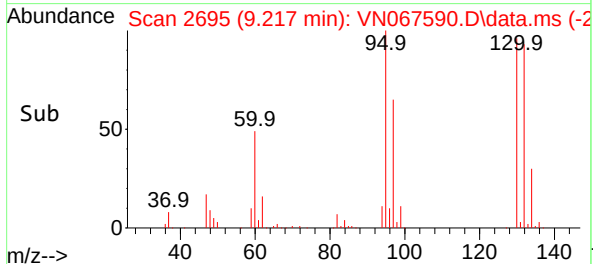
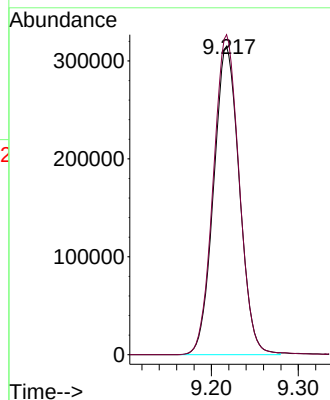
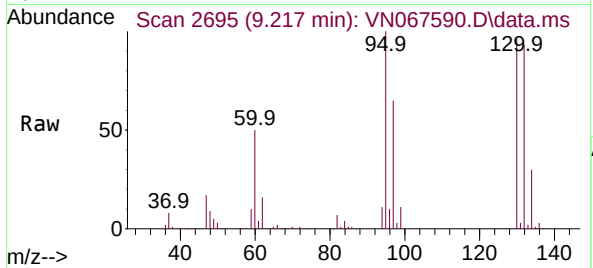
#37
Trichloroethene
Concen: 122.436 ug/l
RT: 9.217 min Scan# 2695
Delta R.T. 0.000 min
Lab File: VN067590.D
Acq: 1 Jul 2021 11:24

Tgt Ion:130 Resp: 647373
Ion Ratio Lower Upper
130 100
95 103.7 92.2 138.2

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

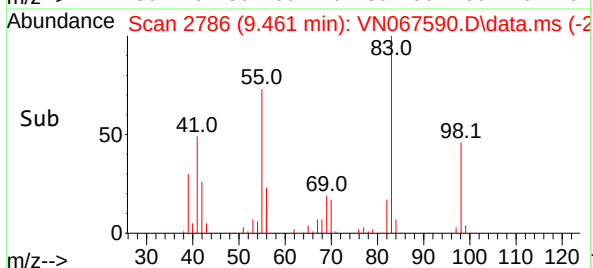
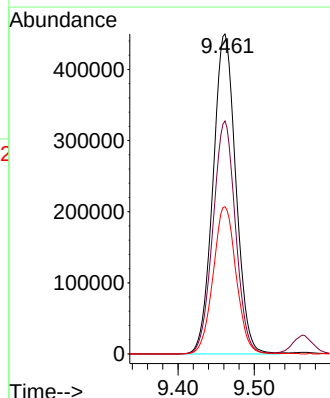
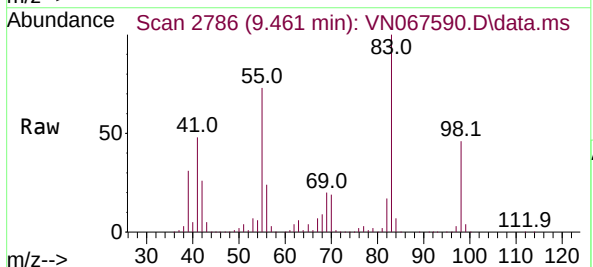
Manual Integrations
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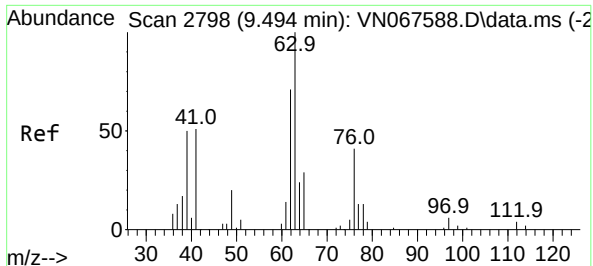
MMDadoda
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#38
Methylcyclohexane
Concen: 117.072 ug/l
RT: 9.461 min Scan# 2786
Delta R.T. 0.000 min
Lab File: VN067590.D
Acq: 1 Jul 2021 11:24

Tgt Ion: 83 Resp: 936163
Ion Ratio Lower Upper
83 100
55 72.1 41.5 124.6
98 46.4 22.4 67.0





#39

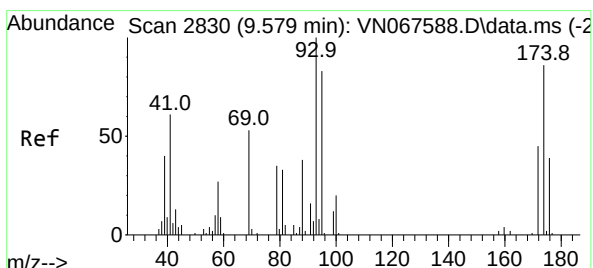
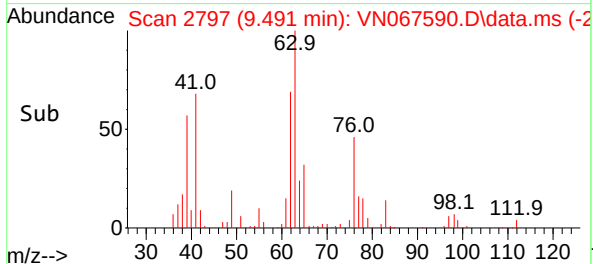
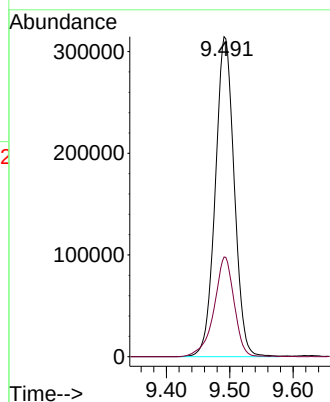
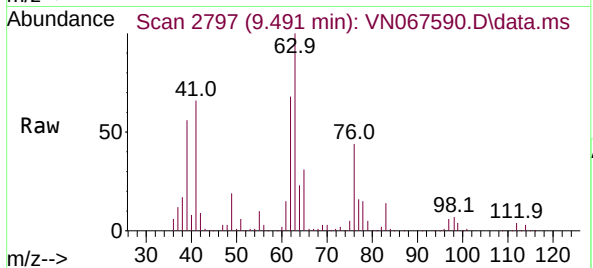
1,2-Dichloropropane
Concen: 111.762 ug/l
RT: 9.491 min Scan# 2797
Delta R.T. -0.003 min
Lab File: VN067590.D
Acq: 1 Jul 2021 11:24

Instrument :
MSVOA_N
ClientSampled :
VSTDIC100

Tgt Ion: 63 Resp: 652325
Ion Ratio Lower Upper
63 100
65 31.1 24.5 36.7

Manual Integrations
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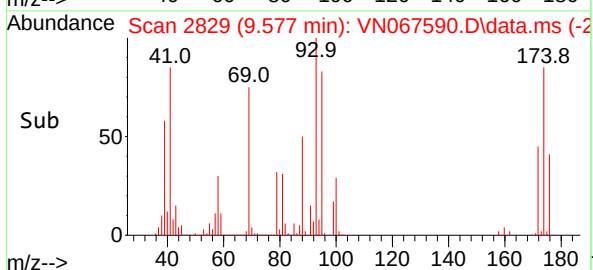
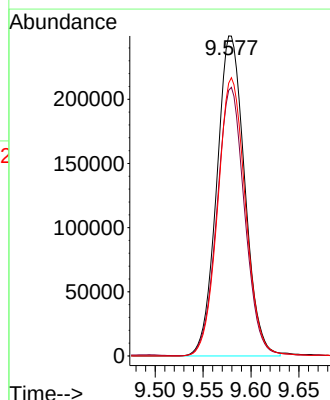
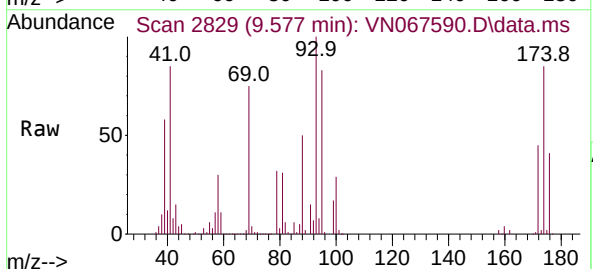
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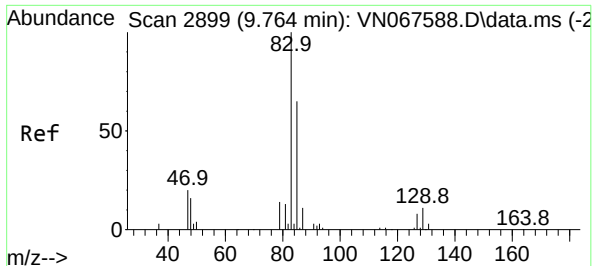


#40

Dibromomethane
Concen: 124.498 ug/l
RT: 9.577 min Scan# 2829
Delta R.T. -0.003 min
Lab File: VN067590.D
Acq: 1 Jul 2021 11:24

Tgt Ion: 93 Resp: 504777
Ion Ratio Lower Upper
93 100
95 83.1 0.0 167.6
174 86.4 0.0 148.4





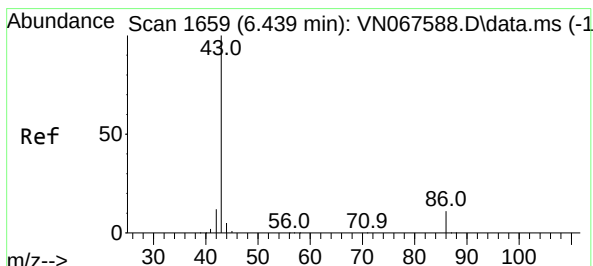
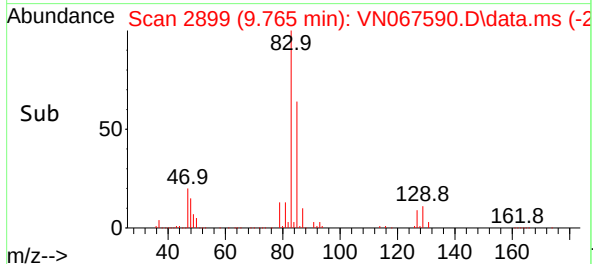
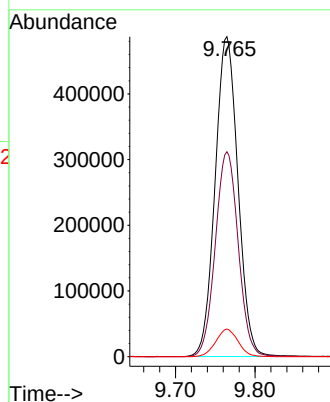
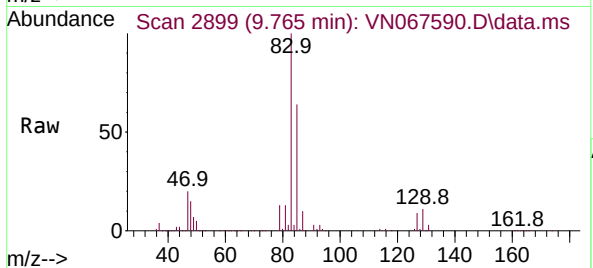
#41
Bromodichloromethane
Concen: 115.161 ug/l
RT: 9.765 min Scan# 2899
Delta R.T. 0.000 min
Lab File: VN067590.D
Acq: 1 Jul 2021 11:24

Tgt Ion: 83 Resp: 971991
Ion Ratio Lower Upper
83 100
85 64.1 51.2 76.8
127 8.6 6.6 9.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

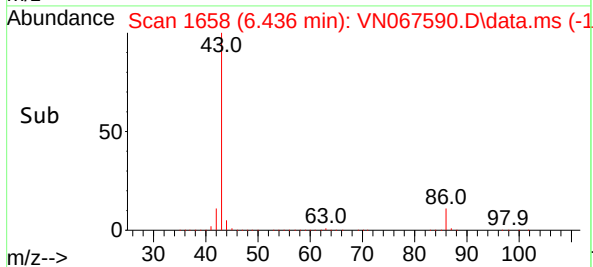
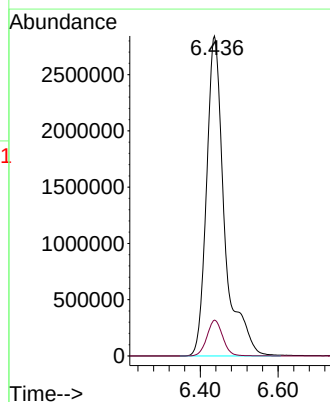
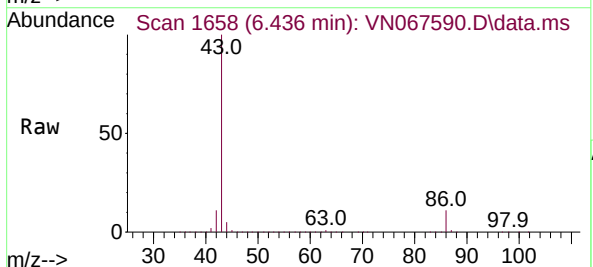
Manual Integrations
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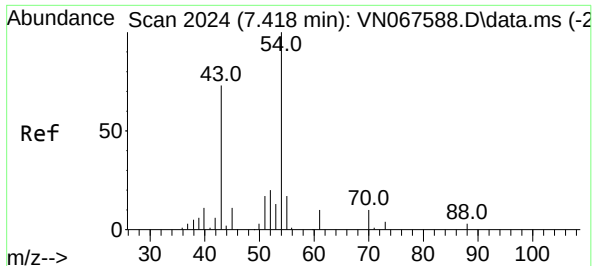
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#42
Vinyl Acetate
Concen: 570.204 ug/l
RT: 6.436 min Scan# 1658
Delta R.T. -0.003 min
Lab File: VN067590.D
Acq: 1 Jul 2021 11:24

Tgt Ion: 43 Resp: 9111255
Ion Ratio Lower Upper
43 100
86 9.9 6.4 9.6#





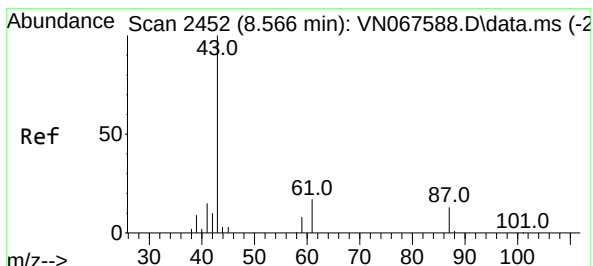
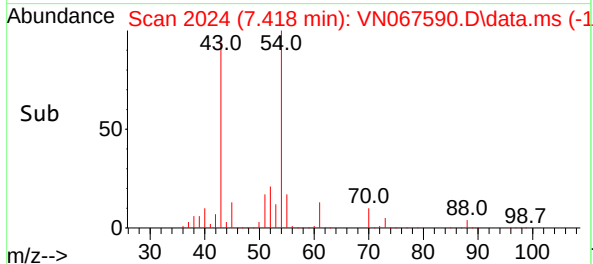
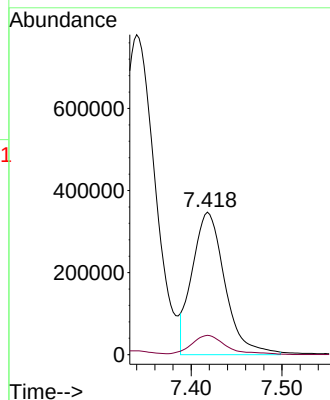
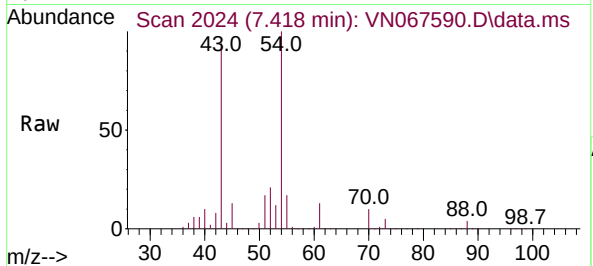
#43
Ethyl Acetate
Concen: 113.399 ug/l m
RT: 7.418 min Scan# 2024
Delta R.T. 0.000 min
Lab File: VN067590.D
Acq: 1 Jul 2021 11:24

Tgt Ion: 43 Resp: 870249
Ion Ratio Lower Upper
43 100
45 2.9 1.0 1.6#

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

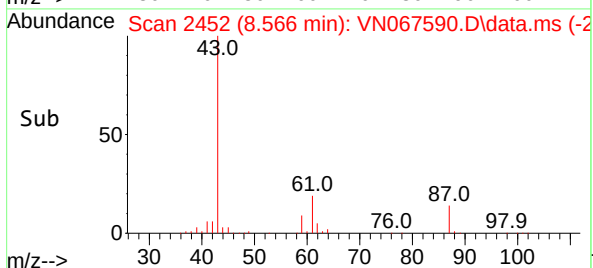
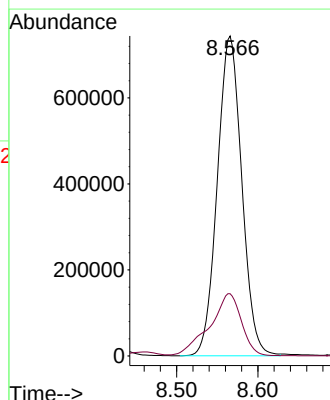
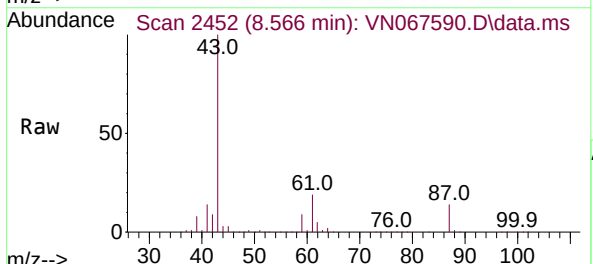
Manual Integrations
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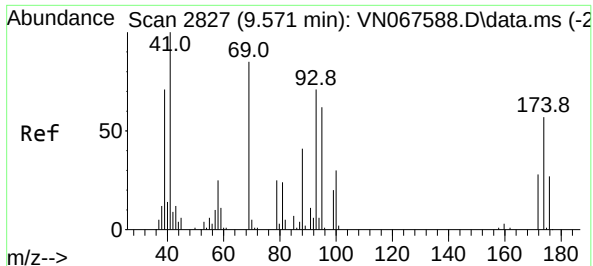
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#44
Isopropyl Acetate
Concen: 108.374 ug/l
RT: 8.566 min Scan# 2452
Delta R.T. 0.000 min
Lab File: VN067590.D
Acq: 1 Jul 2021 11:24

Tgt Ion: 43 Resp: 1554664
Ion Ratio Lower Upper
43 100
61 25.3 19.0 28.6





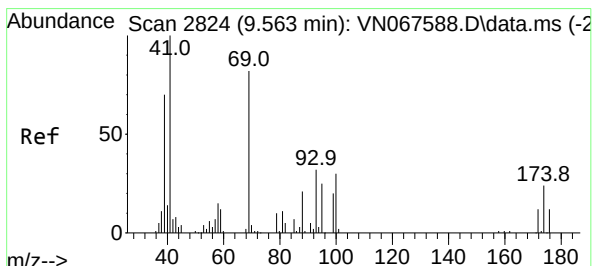
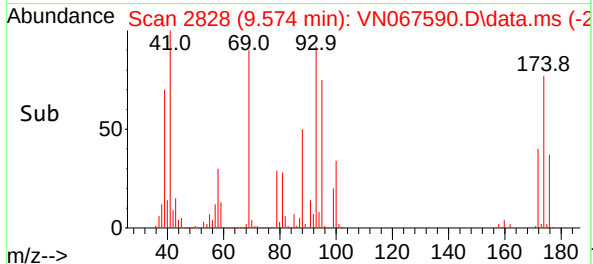
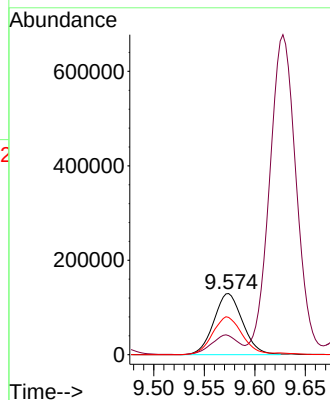
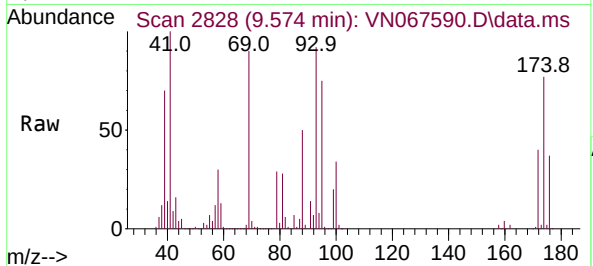
#45
1,4-Dioxane
Concen: 2704.022 ug/l
RT: 9.574 min Scan# 2828
Delta R.T. 0.003 min
Lab File: VN067590.D
Acq: 1 Jul 2021 11:24

Tgt Ion: 88 Resp: 256819
Ion Ratio Lower Upper
88 100
43 30.0 18.0 27.0#
58 63.5 57.7 86.5

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

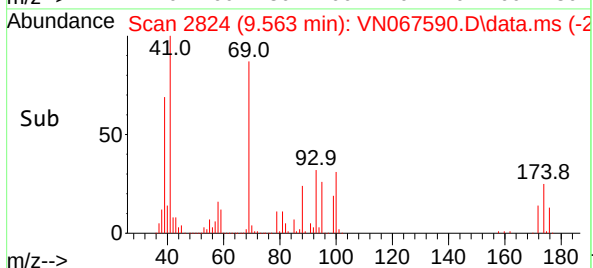
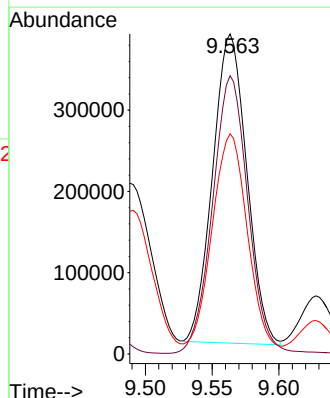
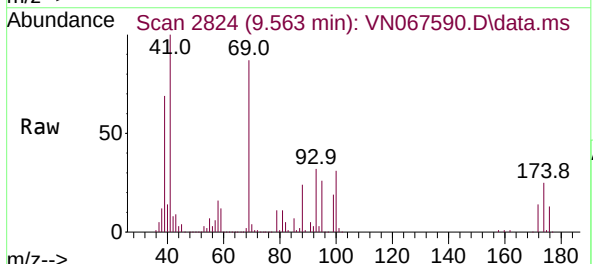
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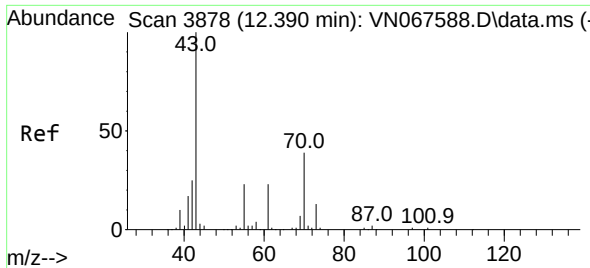
MMDadoda
7/5/2021 2:00:27 PM



#46
Methyl methacrylate
Concen: 106.356 ug/l
RT: 9.563 min Scan# 2824
Delta R.T. 0.000 min
Lab File: VN067590.D
Acq: 1 Jul 2021 11:24

Tgt Ion: 41 Resp: 675501
Ion Ratio Lower Upper
41 100
69 89.6 38.0 114.1
39 69.1 33.9 101.7





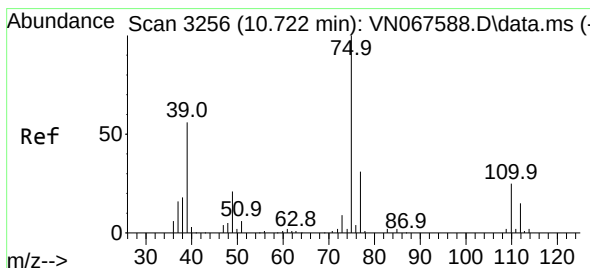
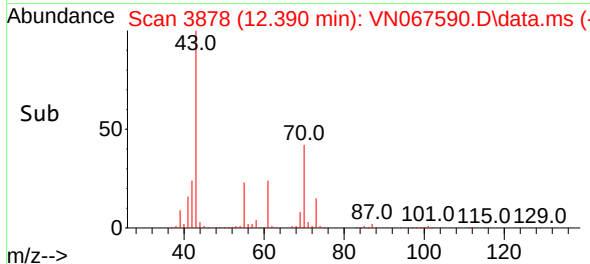
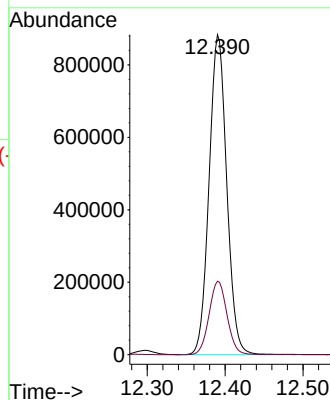
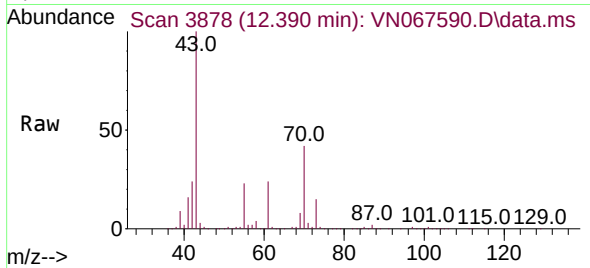
#47
n-amy1 Acetate
Concen: 114.867 ug/l
RT: 12.390 min Scan# 3878
Delta R.T. 0.000 min
Lab File: VN067590.D
Acq: 1 Jul 2021 11:24

Tgt Ion: 43 Resp: 1387597
Ion Ratio Lower Upper
43 100
55 23.4 17.6 26.4

Instrument :
MSVOA_N
ClientSampled :
VSTDIC100

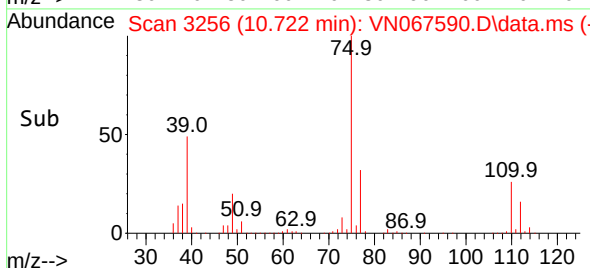
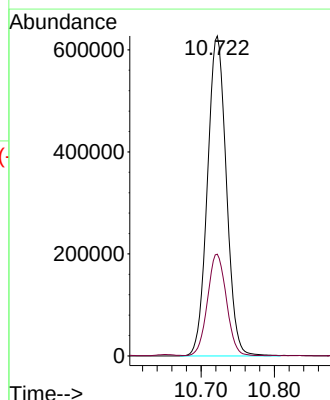
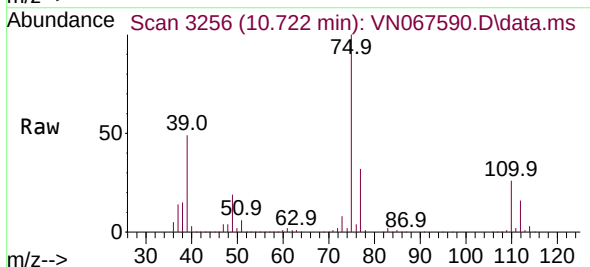
Manual Integrations
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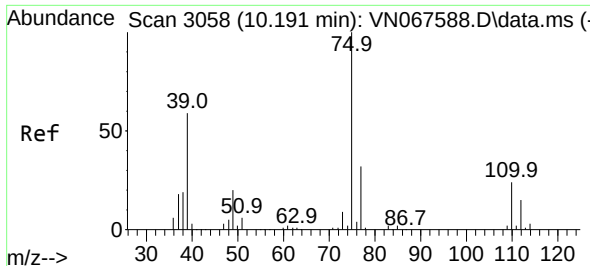
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#48
t-1,3-Dichloropropene
Concen: 122.313 ug/l
RT: 10.722 min Scan# 3256
Delta R.T. 0.000 min
Lab File: VN067590.D
Acq: 1 Jul 2021 11:24

Tgt Ion: 75 Resp: 1125537
Ion Ratio Lower Upper
75 100
77 31.7 24.6 37.0





#49
 cis-1,3-Dichloropropene
 Concen: 122.847 ug/l
 RT: 10.191 min Scan# 3058
 Delta R.T. 0.000 min
 Lab File: VN067590.D
 Acq: 1 Jul 2021 11:24

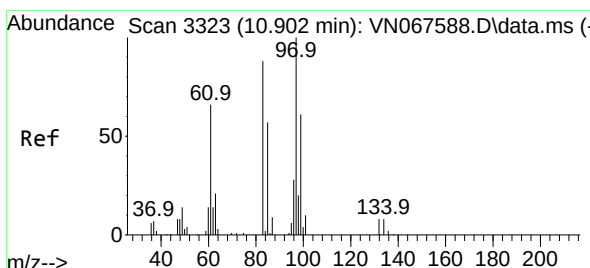
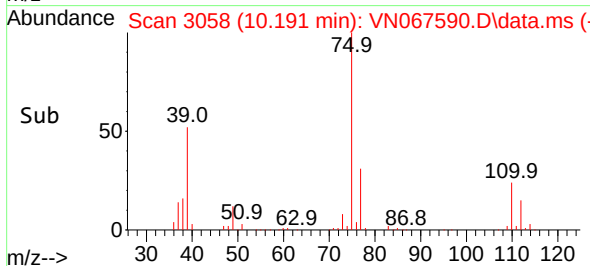
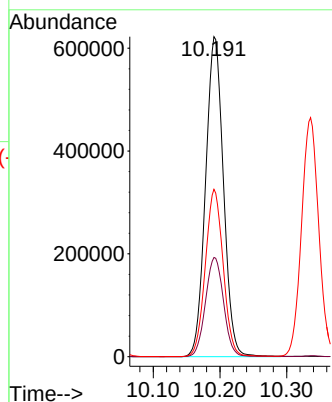
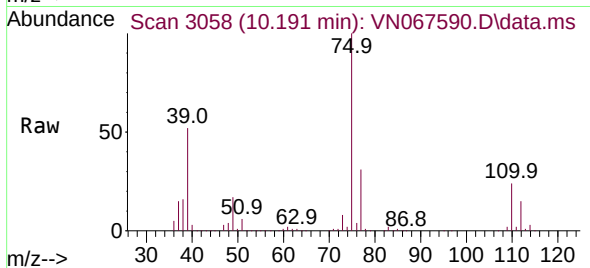
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tgt Ion: 75 Resp: 1157556

Ion	Ratio	Lower	Upper
75	100		
77	31.0	26.0	39.0
39	52.3	50.6	76.0

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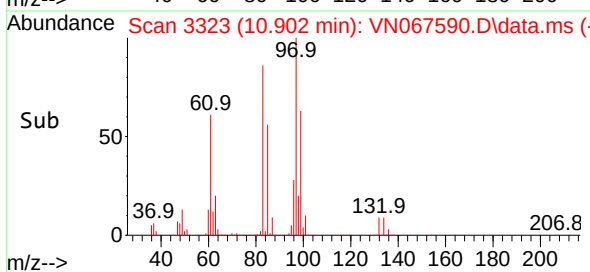
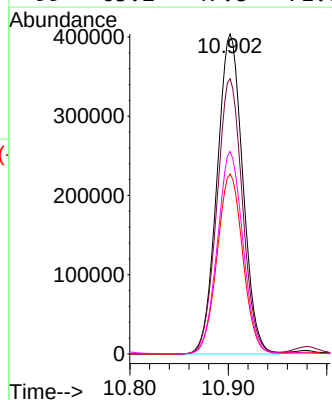
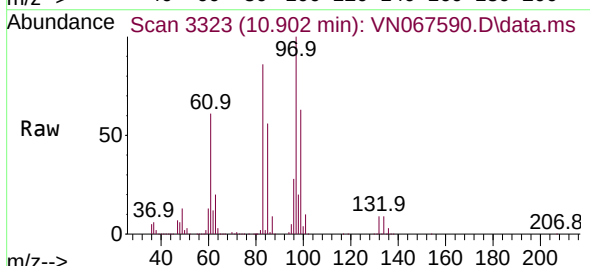
MMDadoda
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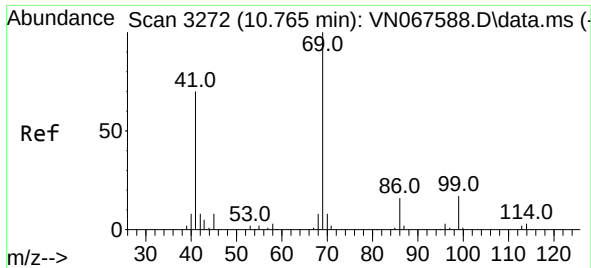


#50
 1,1,2-Trichloroethane
 Concen: 137.517 ug/l
 RT: 10.902 min Scan# 3323
 Delta R.T. 0.000 min
 Lab File: VN067590.D
 Acq: 1 Jul 2021 11:24

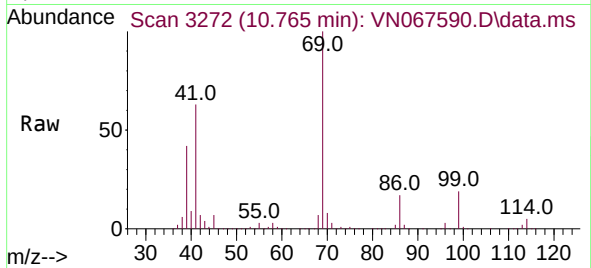
Tgt Ion: 97 Resp: 734555

Ion	Ratio	Lower	Upper
97	100		
83	86.0	69.6	104.4
85	56.3	45.2	67.8
99	63.2	47.8	71.6

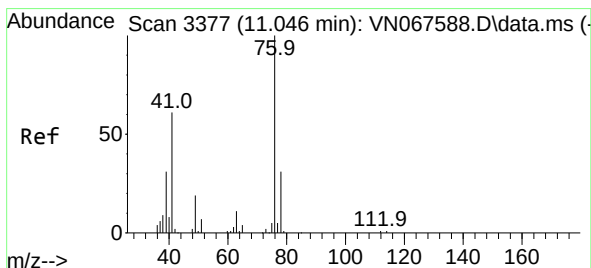
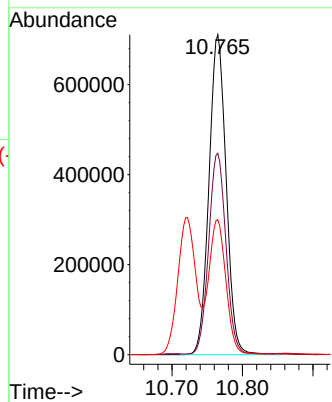
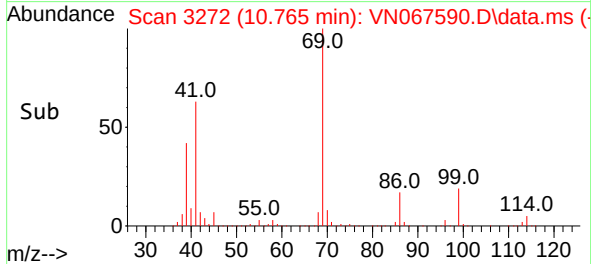




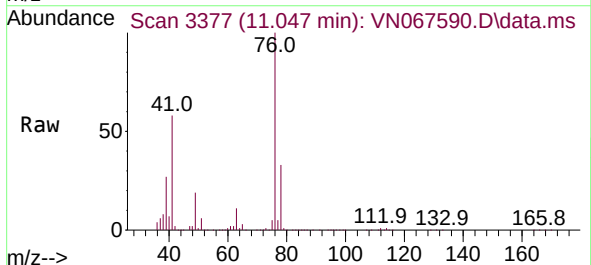
#51
Ethyl methacrylate
Concen: 128.871 ug/l
RT: 10.765 min Scan# 3272
Delta R.T. 0.000 min
Lab File: VN067590.D
Acq: 1 Jul 2021 11:24



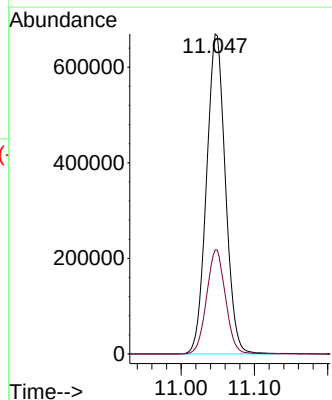
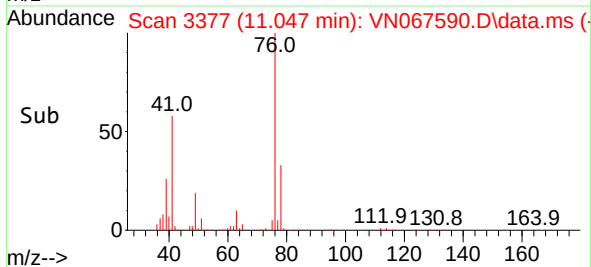
Tgt Ion: 69 Resp: 1202426
Ion Ratio Lower Upper
69 100
41 62.6 36.8 110.4
39 41.9 23.8 71.2



#52
1,3-Dichloropropane
Concen: 125.809 ug/l
RT: 11.047 min Scan# 3377
Delta R.T. 0.000 min
Lab File: VN067590.D
Acq: 1 Jul 2021 11:24



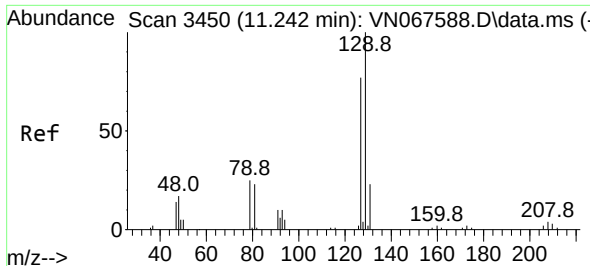
Tgt Ion: 76 Resp: 1198860
Ion Ratio Lower Upper
76 100
78 32.6 0.0 64.0



Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Manual Integrations
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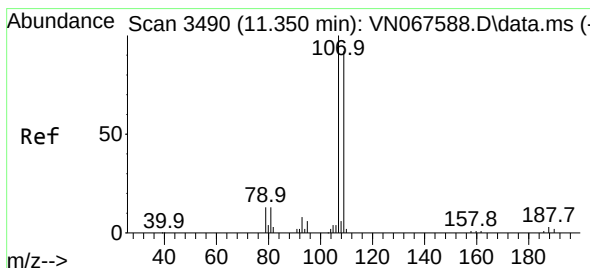
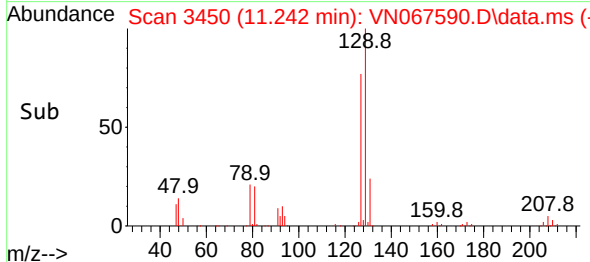
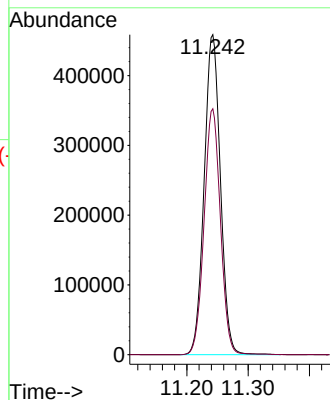
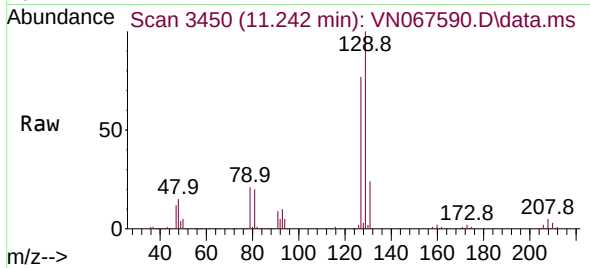
#53
Dibromochloromethane
Concen: 144.927 ug/l
RT: 11.242 min Scan# 3450
Delta R.T. 0.000 min
Lab File: VN067590.D
Acq: 1 Jul 2021 11:24

Tgt Ion:129 Resp: 844711
Ion Ratio Lower Upper
129 100
127 77.1 38.8 116.4

Instrument :
MSVOA_N
ClientSampled :
VSTDIC100

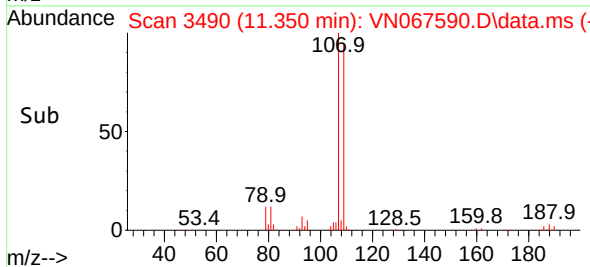
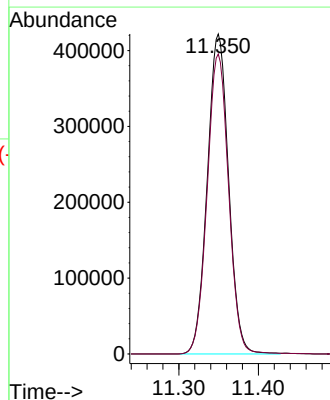
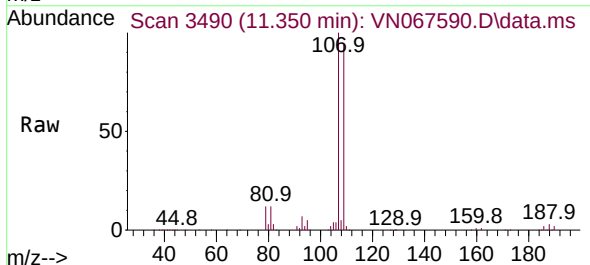
Manual Integrations
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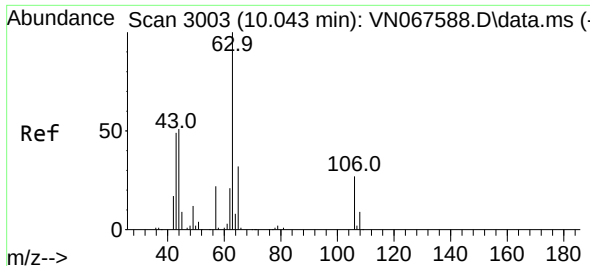
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#54
1,2-Dibromoethane
Concen: 141.204 ug/l
RT: 11.350 min Scan# 3490
Delta R.T. 0.000 min
Lab File: VN067590.D
Acq: 1 Jul 2021 11:24

Tgt Ion:107 Resp: 786557
Ion Ratio Lower Upper
107 100
109 94.2 75.0 112.6





#55
2-Chloroethyl vinyl ether
Concen: 584.773 ug/l
RT: 10.043 min Scan# 3003
Delta R.T. 0.000 min
Lab File: VN067590.D
Acq: 1 Jul 2021 11:24

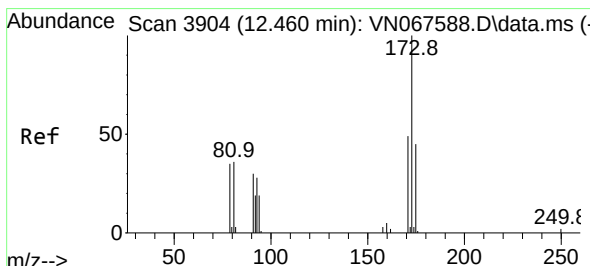
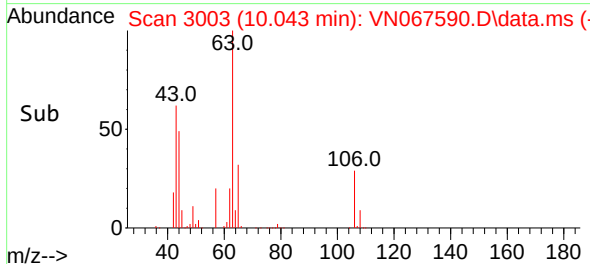
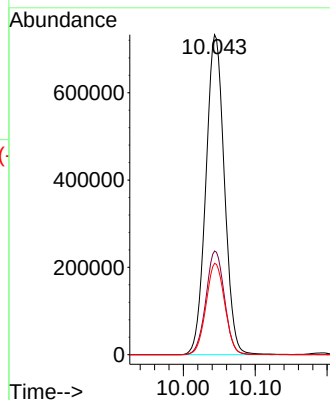
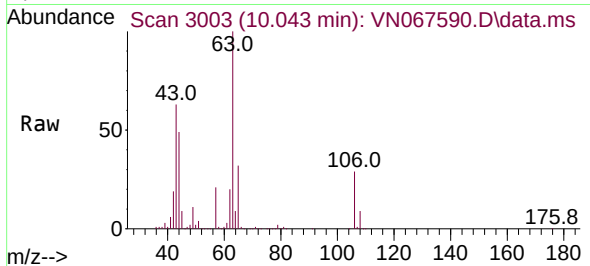
Tgt Ion: 63 Resp: 1313329

Ion	Ratio	Lower	Upper
63	100		
65	32.5	25.6	38.4
106	28.9	20.0	30.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Manual Integrations
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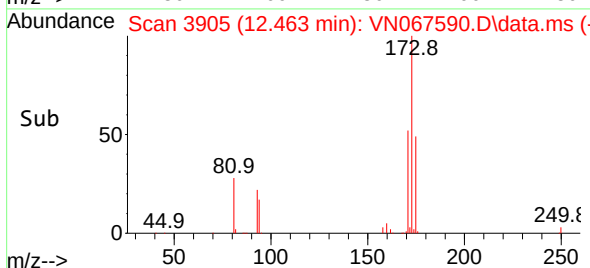
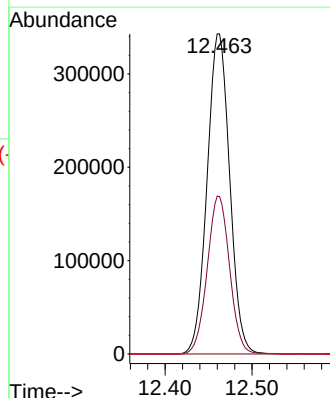
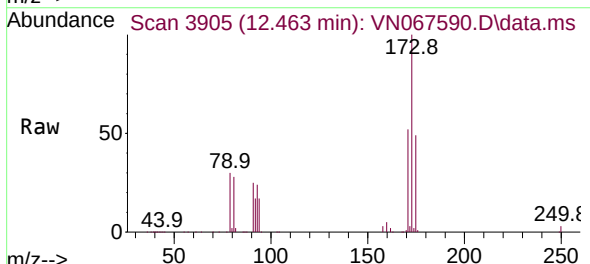
MMDadoda
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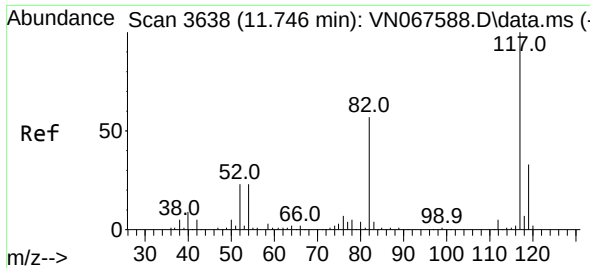


#56
Bromoform
Concen: 157.790 ug/l
RT: 12.463 min Scan# 3905
Delta R.T. 0.003 min
Lab File: VN067590.D
Acq: 1 Jul 2021 11:24

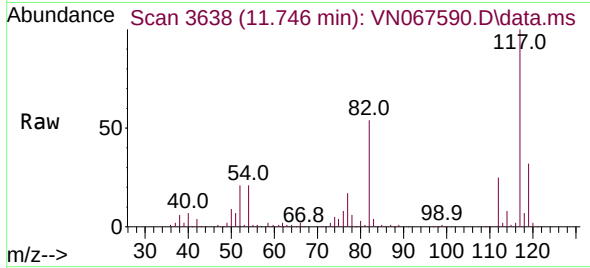
Tgt Ion:173 Resp: 618881

Ion	Ratio	Lower	Upper
173	100		
175	48.8	39.4	59.2
254	0.0	0.0	0.0

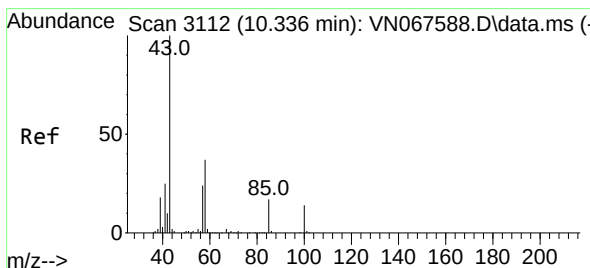
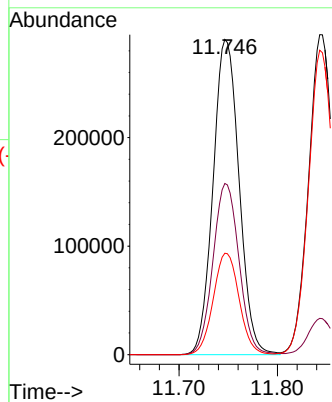
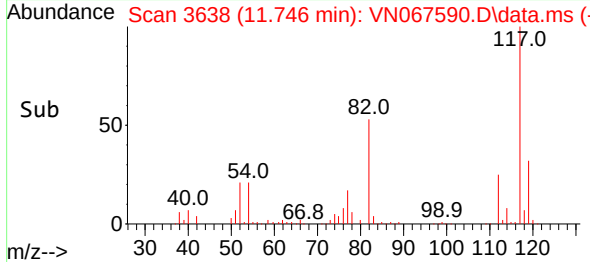




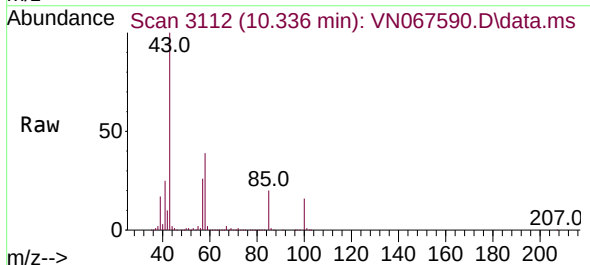
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN067590.D
Acq: 1 Jul 2021 11:24



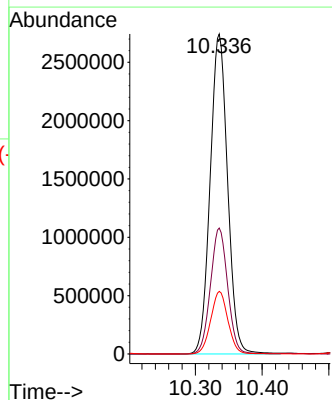
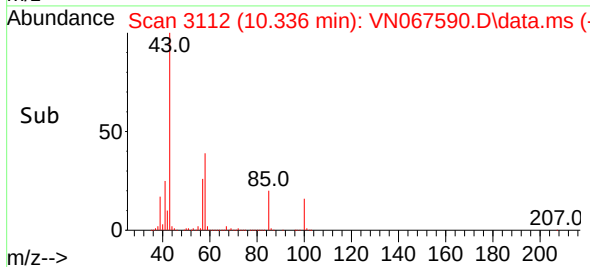
Tgt Ion: 117 Resp: 533837
Ion Ratio Lower Upper
117 100
82 54.5 52.5 78.7
119 32.1 25.8 38.8



#58
4-Methyl-2-Pentanone
Concen: 517.602 ug/l
RT: 10.336 min Scan# 3112
Delta R.T. 0.000 min
Lab File: VN067590.D
Acq: 1 Jul 2021 11:24



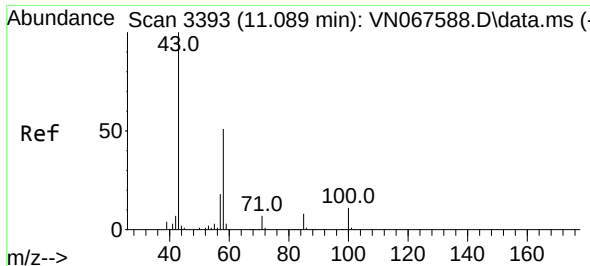
Tgt Ion: 43 Resp: 4972024
Ion Ratio Lower Upper
43 100
58 39.0 29.0 43.4
85 19.3 13.2 19.8



Instrument :
MSVOA_N
ClientSampled :
VSTDIC100

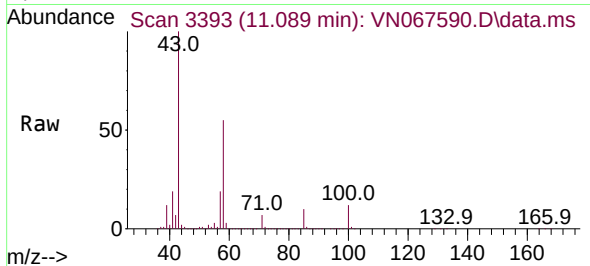
Manual Integrations
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#59
2-Hexanone
Concen: 511.939 ug/l
RT: 11.089 min Scan# 3393
Delta R.T. 0.000 min
Lab File: VN067590.D
Acq: 1 Jul 2021 11:24

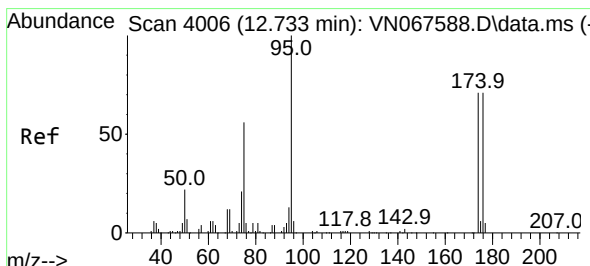
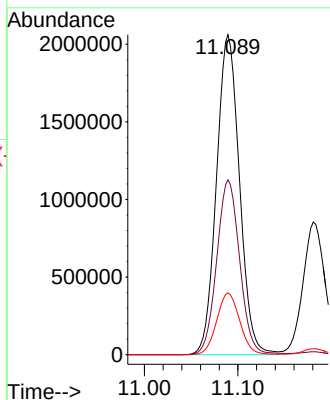
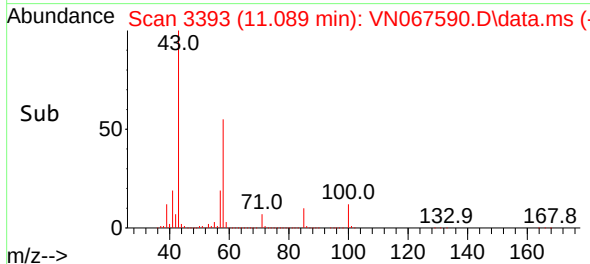
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



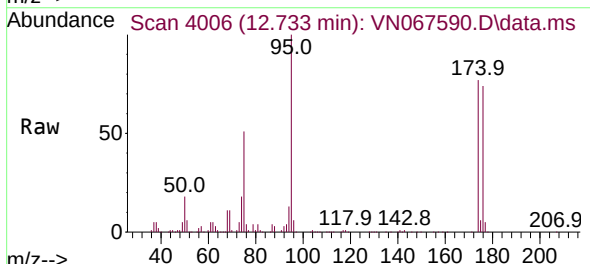
Tgt Ion: 43 Resp: 3526344
Ion Ratio Lower Upper
43 100
58 54.6 39.4 59.0
57 19.4 14.4 21.6

Manual Integrations
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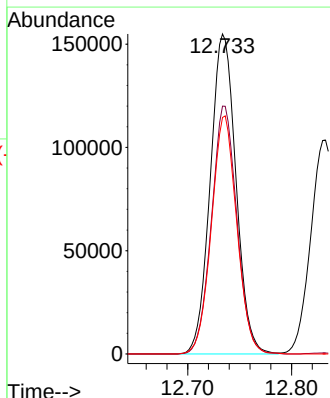
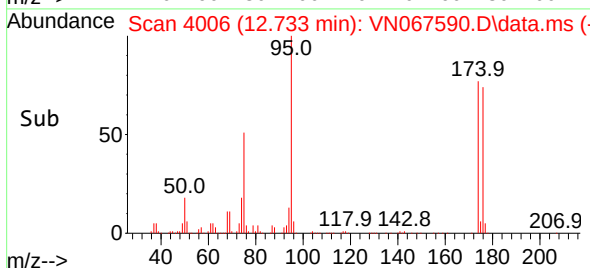
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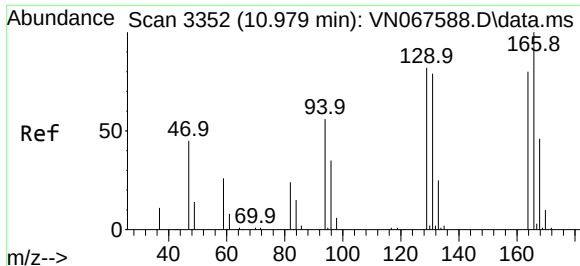


#60
4-Bromofluorobenzene
Concen: 27.520 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN067590.D
Acq: 1 Jul 2021 11:24



Tgt Ion: 95 Resp: 266267
Ion Ratio Lower Upper
95 100
174 76.6 47.7 71.5#
176 73.4 45.7 68.5#





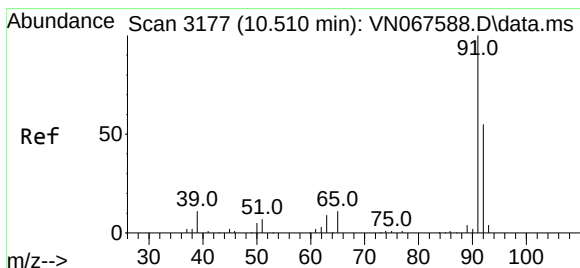
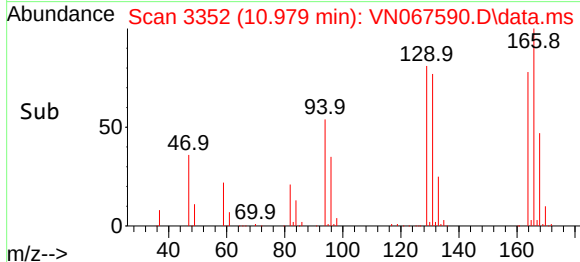
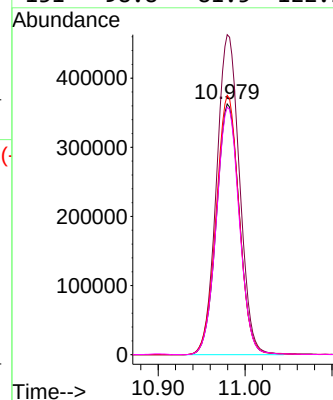
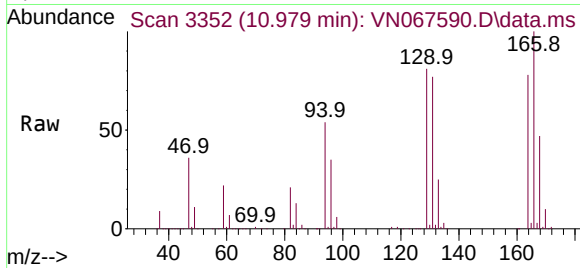
#61
Tetrachloroethene
Concen: 121.197 ug/l
RT: 10.979 min Scan# 3352
Delta R.T. 0.000 min
Lab File: VN067590.D
Acq: 1 Jul 2021 11:24

Tgt Ion:164 Resp: 665971
Ion Ratio Lower Upper
164 100
166 127.7 101.0 151.4
129 103.5 85.5 128.3
131 98.8 81.5 122.3

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

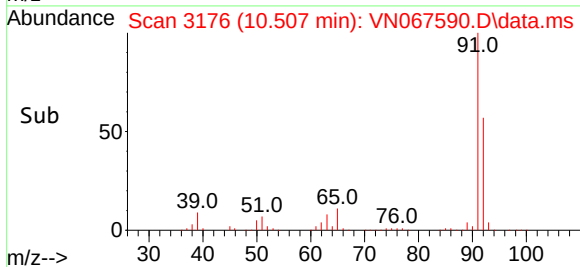
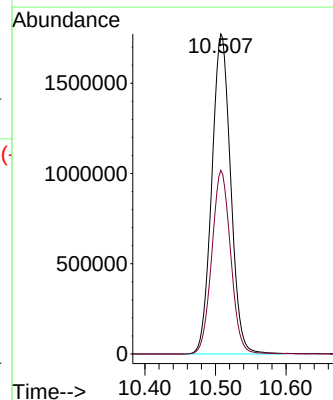
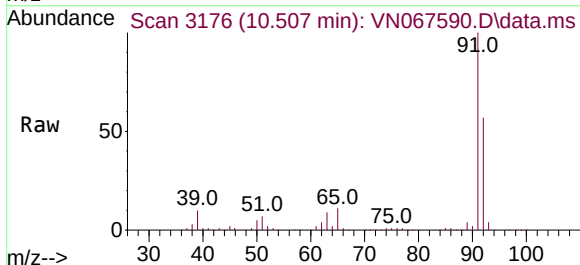
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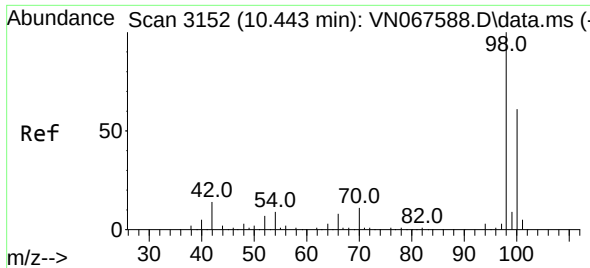
MMDadoda
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#62
Toluene
Concen: 119.312 ug/l
RT: 10.507 min Scan# 3176
Delta R.T. -0.003 min
Lab File: VN067590.D
Acq: 1 Jul 2021 11:24

Tgt Ion: 91 Resp: 3295178
Ion Ratio Lower Upper
91 100
92 57.3 46.1 69.1





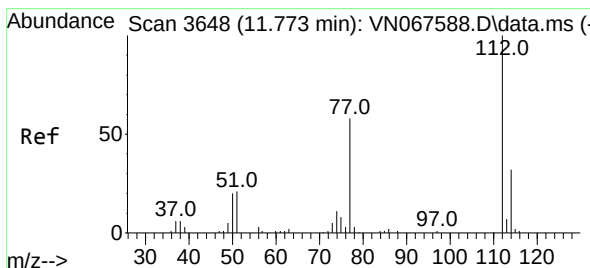
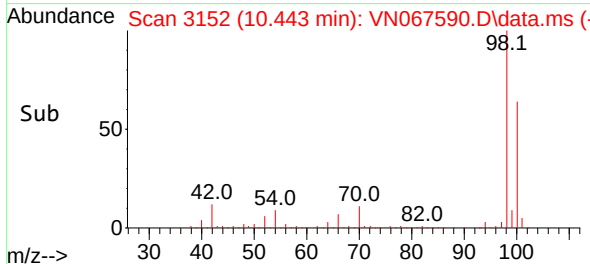
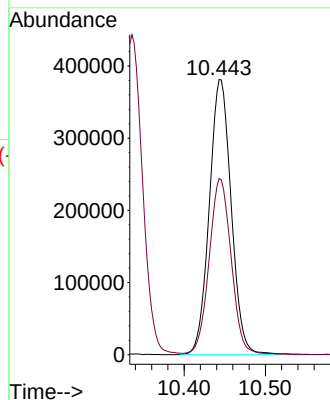
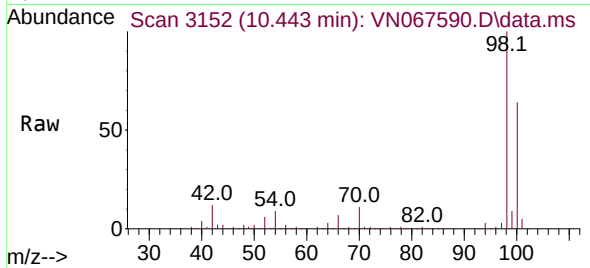
#63
Toluene-d8
Concen: 28.355 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN067590.D
Acq: 1 Jul 2021 11:24

Tgt Ion: 98 Resp: 713870
Ion Ratio Lower Upper
98 100
100 64.5 51.2 76.8

Instrument :
MSVOA_N
ClientSampled :
VSTDIC100

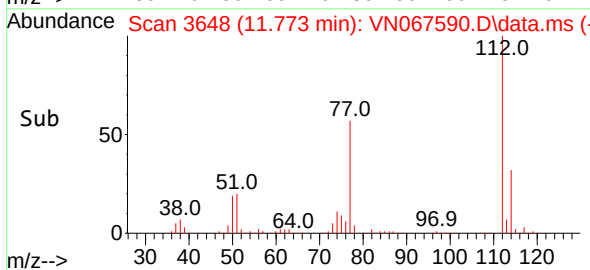
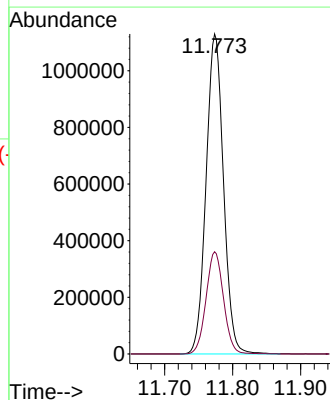
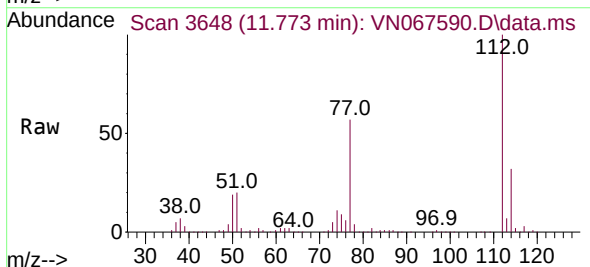
Manual Integrations
APPROVED

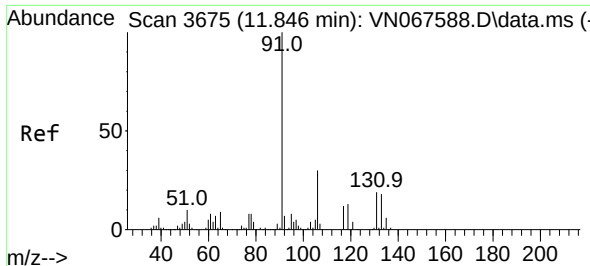
MMDadoda
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#64
Chlorobenzene
Concen: 123.552 ug/l
RT: 11.773 min Scan# 3648
Delta R.T. 0.000 min
Lab File: VN067590.D
Acq: 1 Jul 2021 11:24

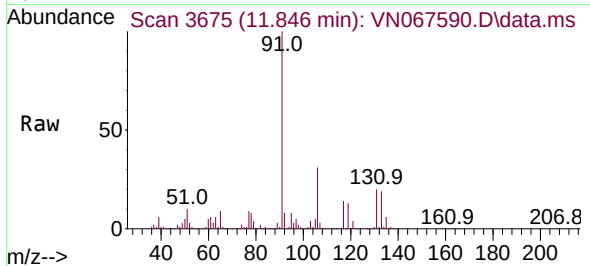
Tgt Ion: 112 Resp: 2009433
Ion Ratio Lower Upper
112 100
114 32.0 25.4 38.0





#65
1,1,1,2-Tetrachloroethane
Concen: 127.180 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. 0.000 min
Lab File: VN067590.D
Acq: 1 Jul 2021 11:24

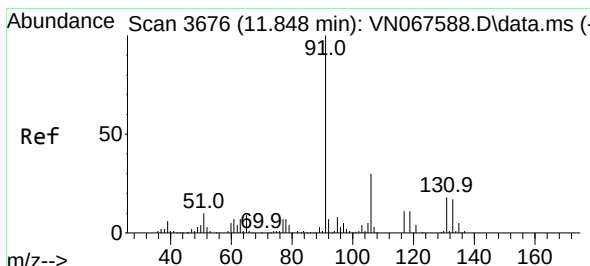
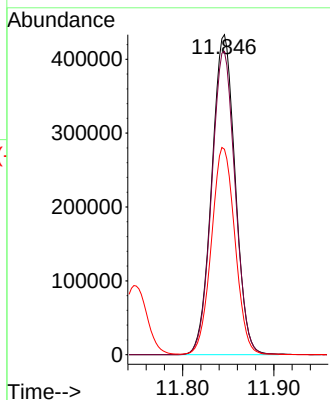
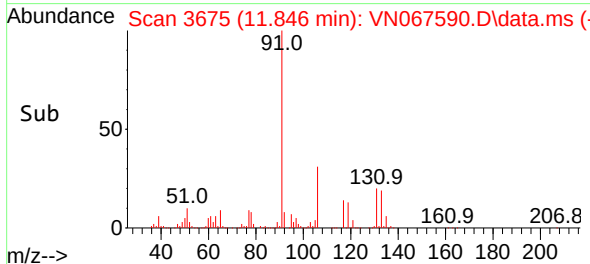
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



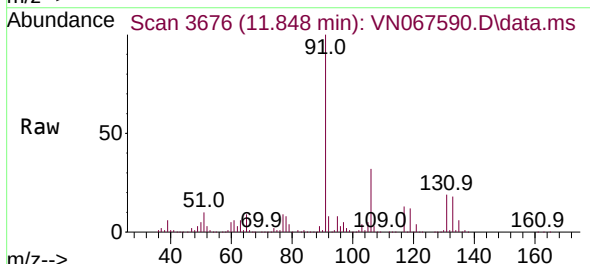
Tgt Ion:131 Resp: 772935
Ion Ratio Lower Upper
131 100
133 95.5 0.0 189.6
119 64.9 0.0 130.0

Manual Integrations
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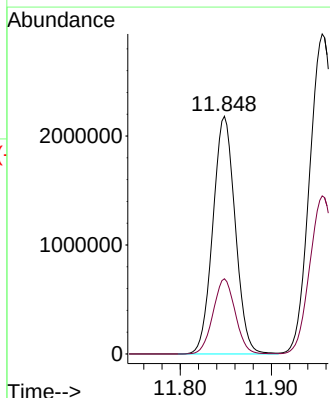
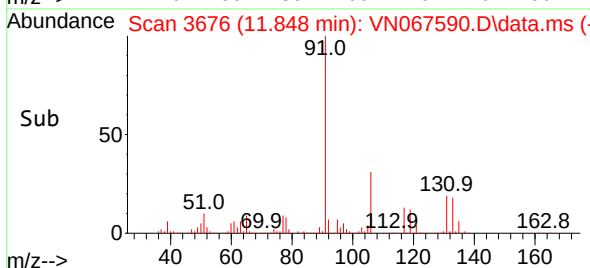
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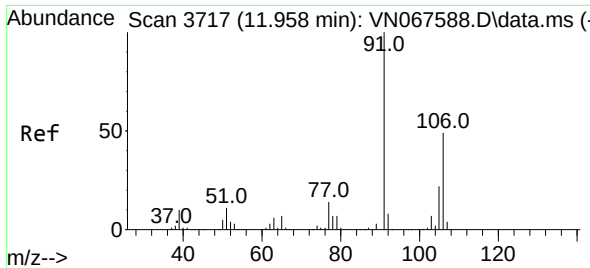


#66
Ethyl Benzene
Concen: 117.044 ug/l
RT: 11.848 min Scan# 3676
Delta R.T. 0.000 min
Lab File: VN067590.D
Acq: 1 Jul 2021 11:24



Tgt Ion: 91 Resp: 3709781
Ion Ratio Lower Upper
91 100
106 31.6 23.4 35.0





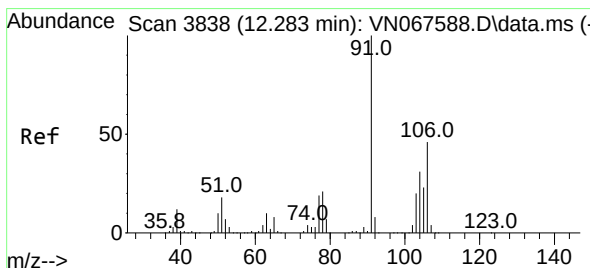
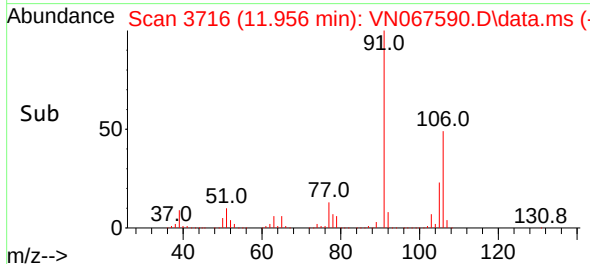
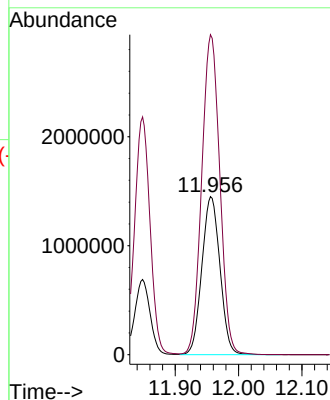
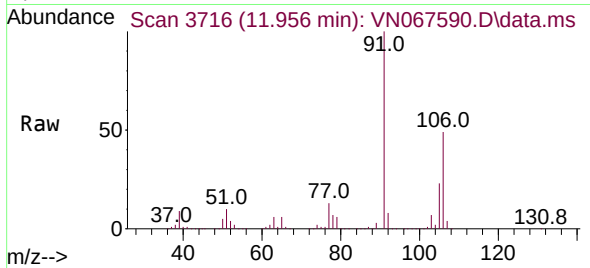
#67
m/p-Xylenes
Concen: 250.818 ug/l
RT: 11.956 min Scan# 3716
Delta R.T. -0.003 min
Lab File: VN067590.D
Acq: 1 Jul 2021 11:24

Tgt Ion:106 Resp: 2873675
Ion Ratio Lower Upper
106 100
91 202.5 181.3 271.9

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

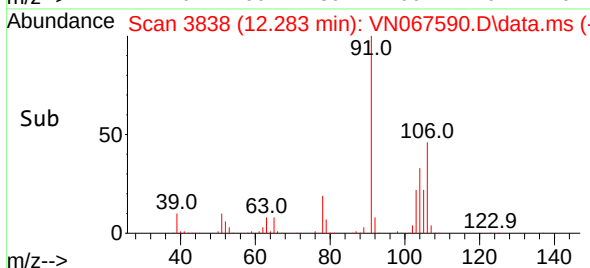
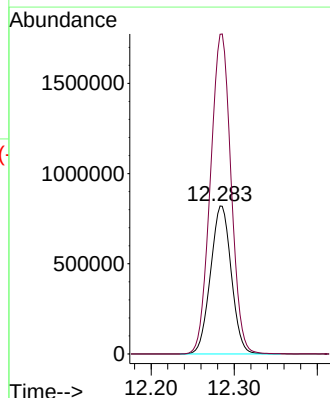
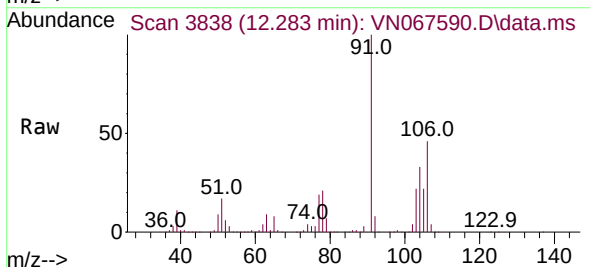
Manual Integrations
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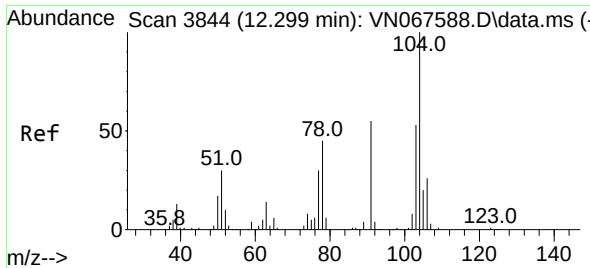
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#68
o-Xylene
Concen: 124.146 ug/l
RT: 12.283 min Scan# 3838
Delta R.T. 0.000 min
Lab File: VN067590.D
Acq: 1 Jul 2021 11:24

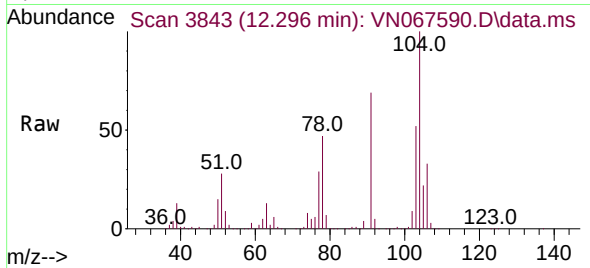
Tgt Ion:106 Resp: 1423518
Ion Ratio Lower Upper
106 100
91 215.2 120.0 360.0





#69
Styrene
Concen: 127.912 ug/l
RT: 12.296 min Scan# 3843
Delta R.T. -0.003 min
Lab File: VN067590.D
Acq: 1 Jul 2021 11:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

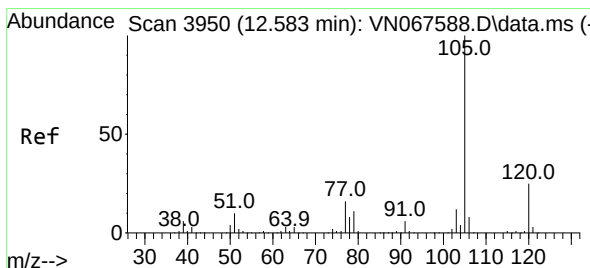
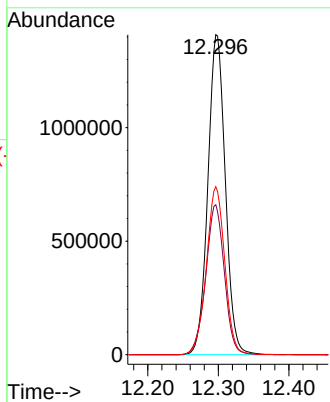
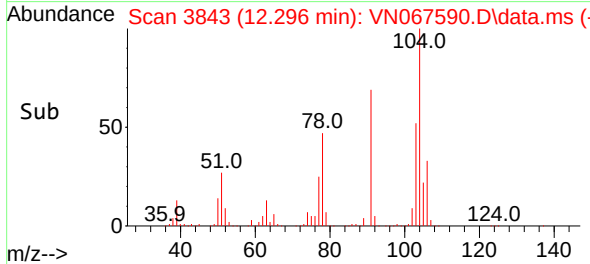


Tgt Ion:104 Resp: 2423139

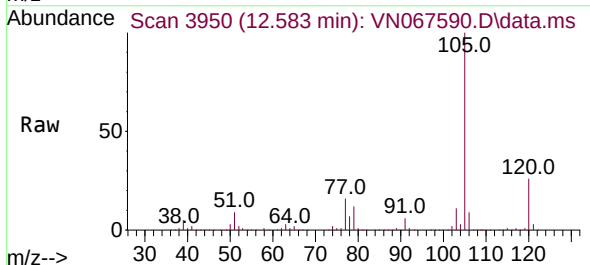
Ion	Ratio	Lower	Upper
104	100		
78	50.0	48.2	72.2
103	55.6	44.5	66.7

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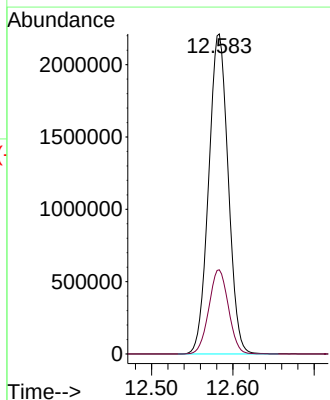
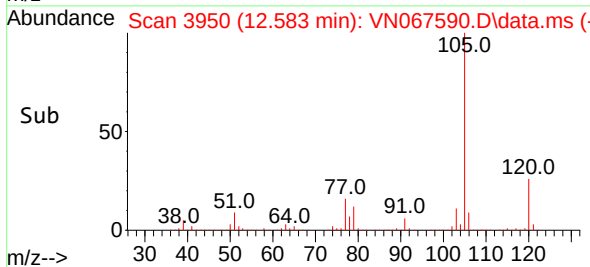


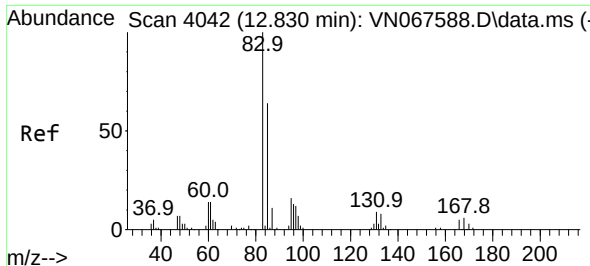
#70
Isopropylbenzene
Concen: 126.147 ug/l
RT: 12.583 min Scan# 3950
Delta R.T. 0.000 min
Lab File: VN067590.D
Acq: 1 Jul 2021 11:24



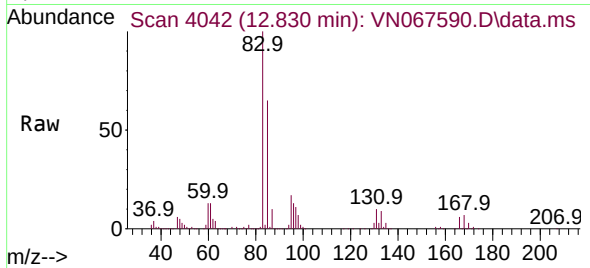
Tgt Ion:105 Resp: 3687663

Ion	Ratio	Lower	Upper
105	100		
120	26.4	17.6	32.6

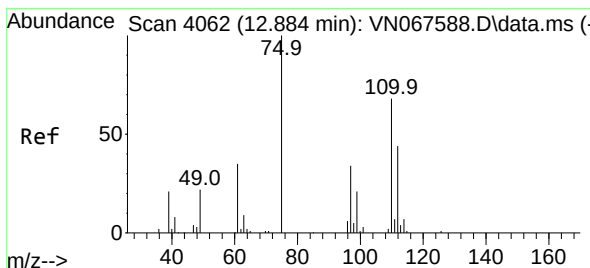
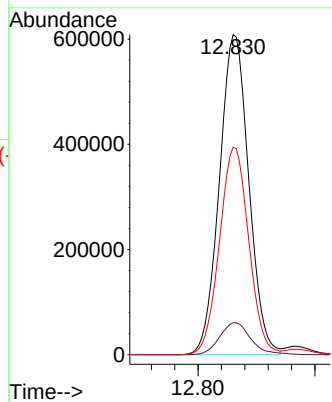
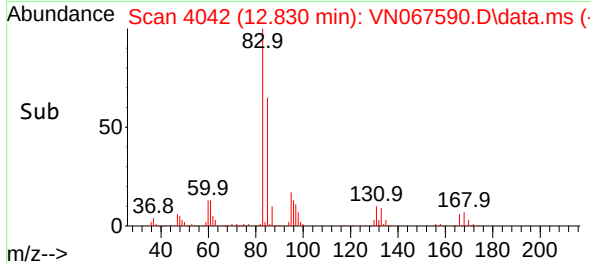




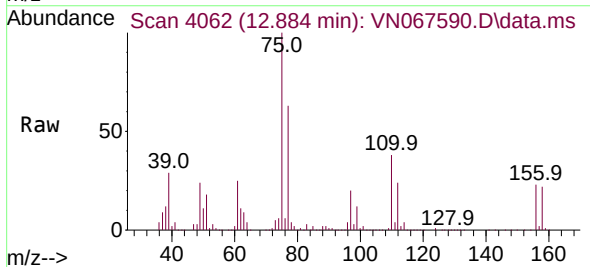
#71
1,1,2,2-Tetrachloroethane
Concen: 119.794 ug/l
RT: 12.830 min Scan# 4042
Delta R.T. 0.000 min
Lab File: VN067590.D
Acq: 1 Jul 2021 11:24



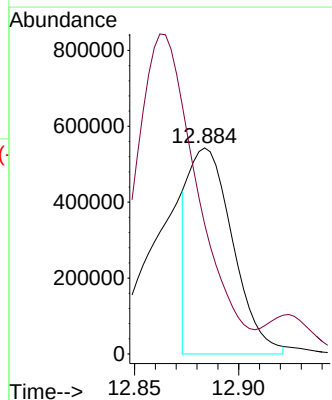
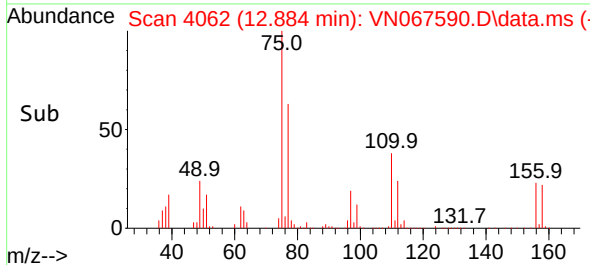
Tgt Ion: 83 Resp: 1061629
Ion Ratio Lower Upper
83 100
131 10.6 4.7 14.0
85 64.7 32.2 96.6



#72
1,2,3-Trichloropropane
Concen: 93.919 ug/l m
RT: 12.884 min Scan# 4062
Delta R.T. 0.000 min
Lab File: VN067590.D
Acq: 1 Jul 2021 11:24



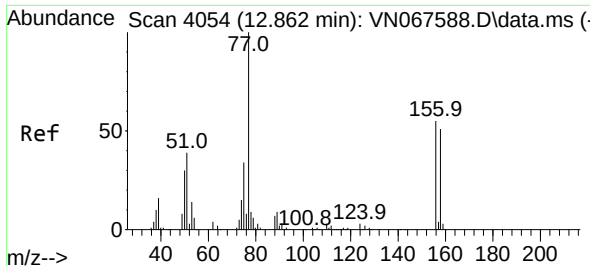
Tgt Ion: 75 Resp: 798785
Ion Ratio Lower Upper
75 100
77 219.9 0.0 374.2



Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Manual Integrations
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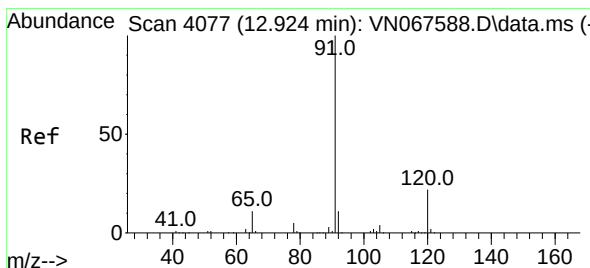
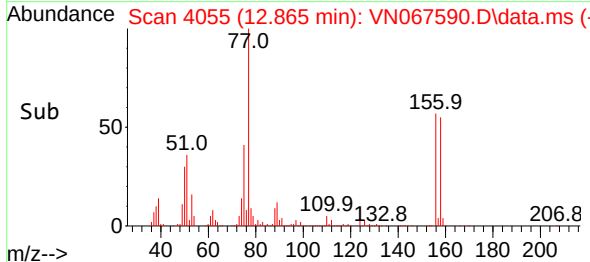
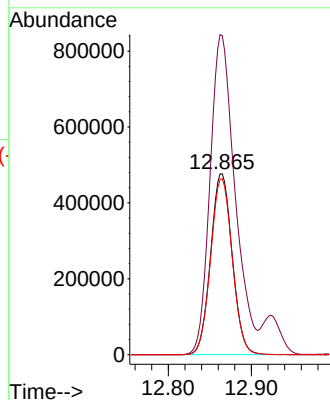
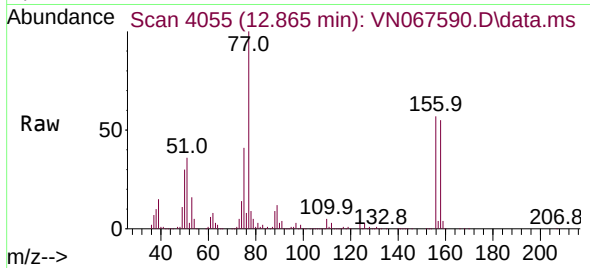
#73
Bromobenzene
Concen: 137.848 ug/l
RT: 12.865 min Scan# 4055
Delta R.T. 0.003 min
Lab File: VN067590.D
Acq: 1 Jul 2021 11:24

Tgt Ion:156 Resp: 860519
Ion Ratio Lower Upper
156 100
77 204.1 0.0 548.0
158 97.3 0.0 194.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

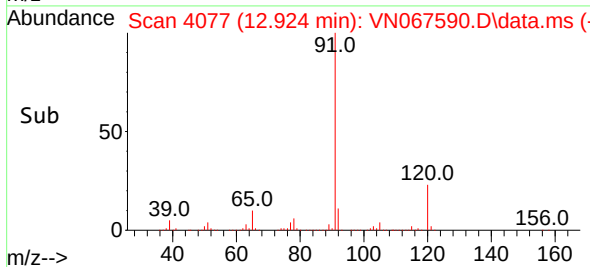
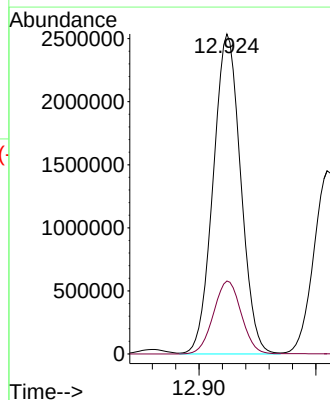
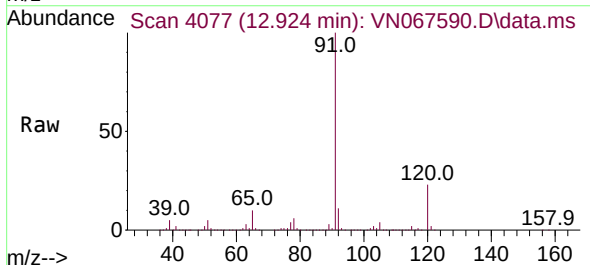
Manual Integrations
APPROVED

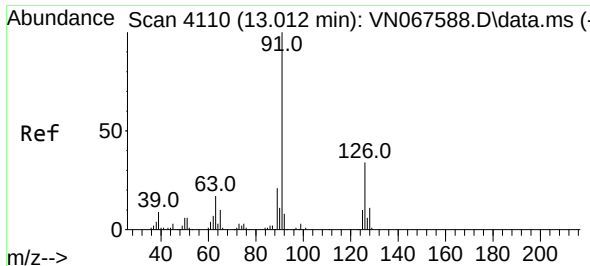
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#74
n-propylbenzene
Concen: 119.617 ug/l
RT: 12.924 min Scan# 4077
Delta R.T. 0.000 min
Lab File: VN067590.D
Acq: 1 Jul 2021 11:24

Tgt Ion: 91 Resp: 4151684
Ion Ratio Lower Upper
91 100
120 23.0 0.0 41.0





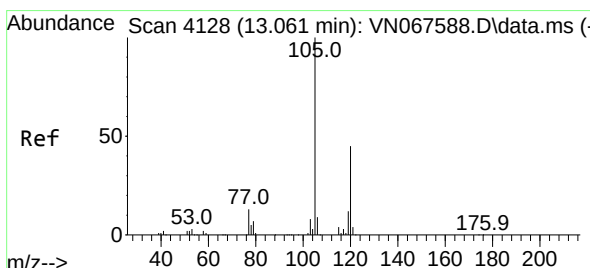
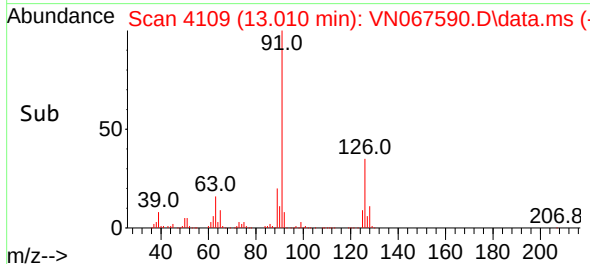
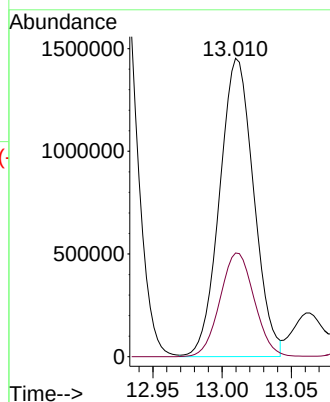
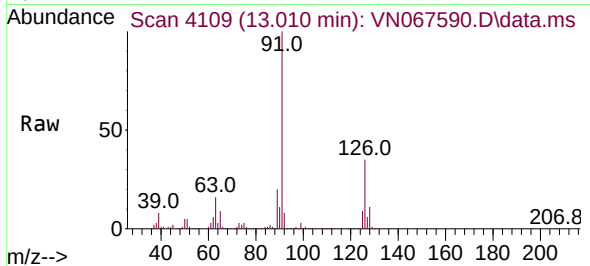
#75
2-Chlorotoluene
Concen: 113.925 ug/l
RT: 13.010 min Scan# 4109
Delta R.T. -0.003 min
Lab File: VN067590.D
Acq: 1 Jul 2021 11:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion: 91 Resp: 2487576
Ion Ratio Lower Upper
91 100
126 35.0 0.0 0.0#

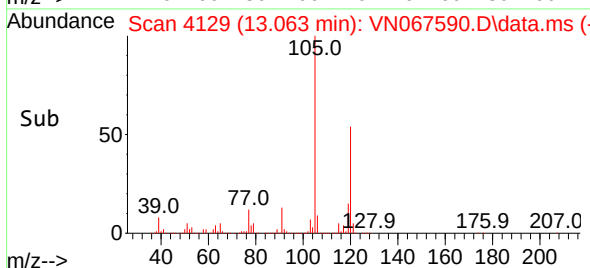
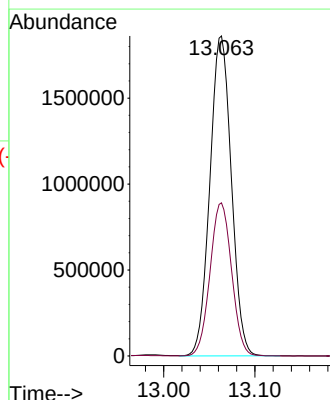
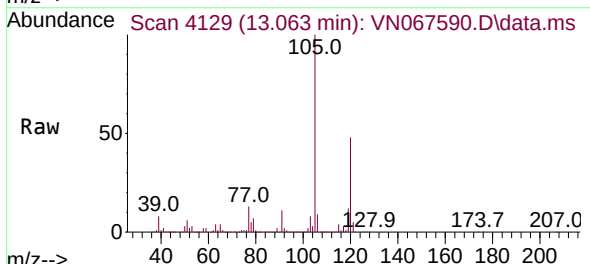
Manual Integrations
APPROVED

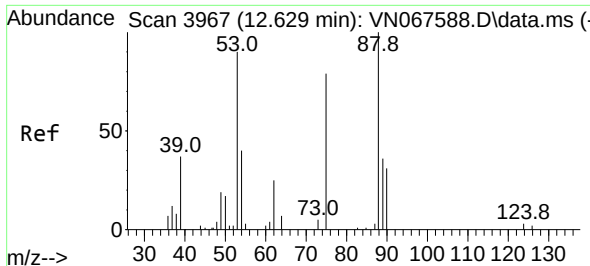
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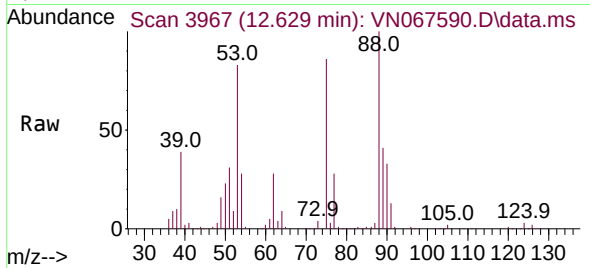
#76
1,3,5-Trimethylbenzene
Concen: 122.501 ug/l
RT: 13.063 min Scan# 4129
Delta R.T. 0.003 min
Lab File: VN067590.D
Acq: 1 Jul 2021 11:24

Tgt Ion:105 Resp: 3039029
Ion Ratio Lower Upper
105 100
120 47.9 0.0 90.2

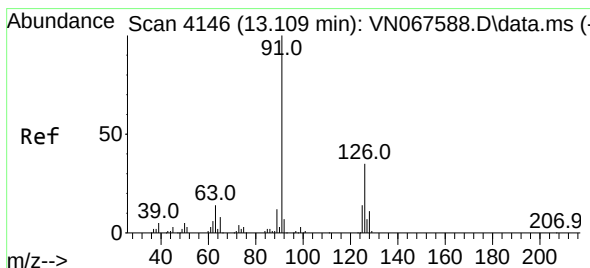
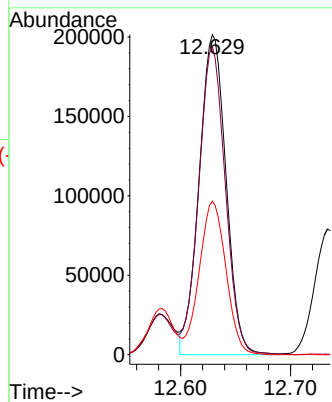
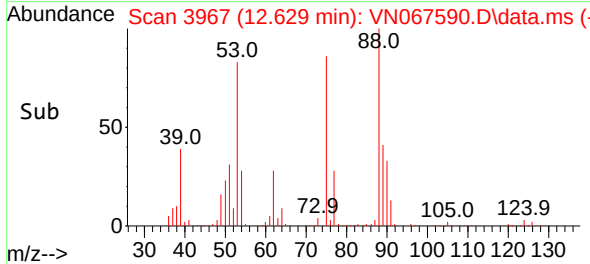




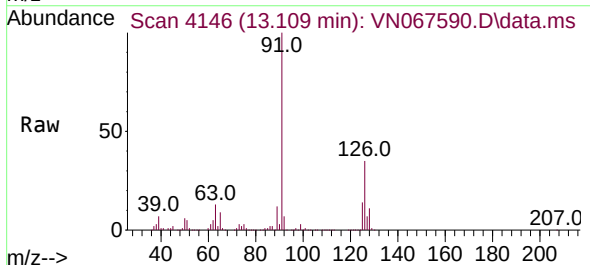
#77
t-1,4-Dichloro-2-butene
Concen: 122.037 ug/l
RT: 12.629 min Scan# 3967
Delta R.T. 0.000 min
Lab File: VN067590.D
Acq: 1 Jul 2021 11:24



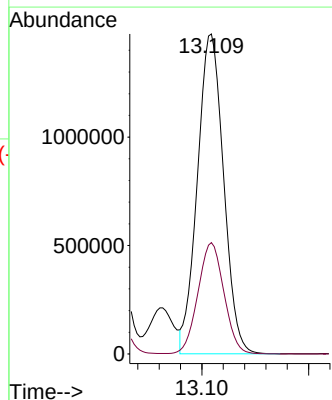
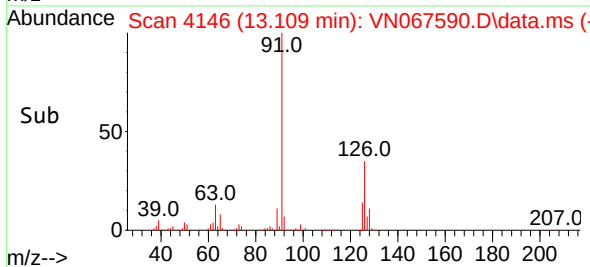
Tgt Ion: 75 Resp: 342929
Ion Ratio Lower Upper
75 100
53 96.3 55.2 165.6
89 48.1 24.5 73.5



#78
4-Chlorotoluene
Concen: 116.468 ug/l
RT: 13.109 min Scan# 4146
Delta R.T. 0.000 min
Lab File: VN067590.D
Acq: 1 Jul 2021 11:24



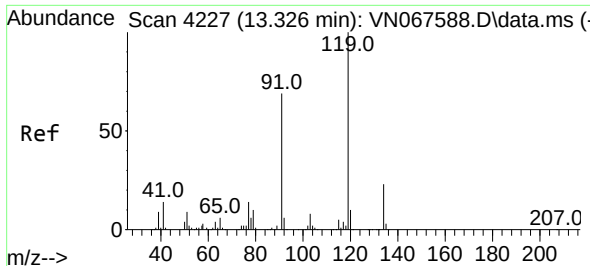
Tgt Ion: 91 Resp: 2512320
Ion Ratio Lower Upper
91 100
126 34.5 0.0 57.6



Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

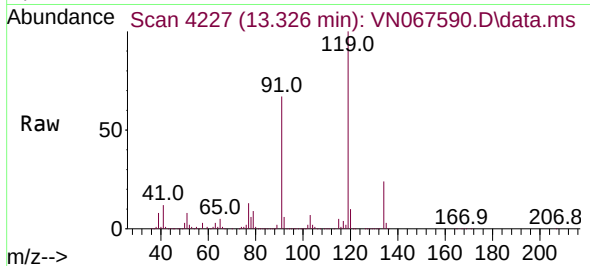
Manual Integrations
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#79
tert-butylbenzene
Concen: 128.231 ug/l
RT: 13.326 min Scan# 4227
Delta R.T. 0.000 min
Lab File: VN067590.D
Acq: 1 Jul 2021 11:24

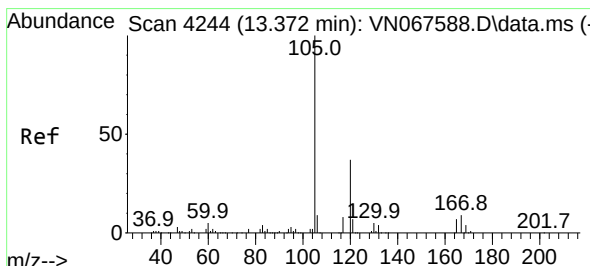
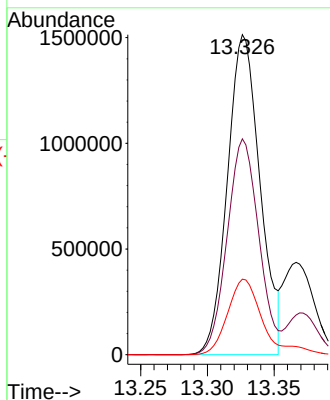
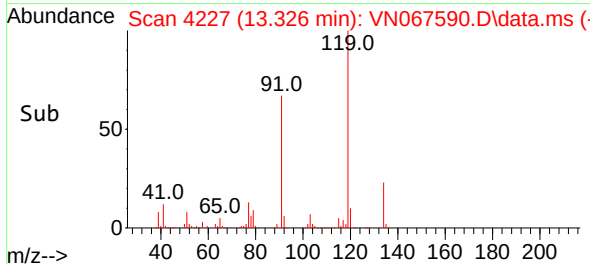
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



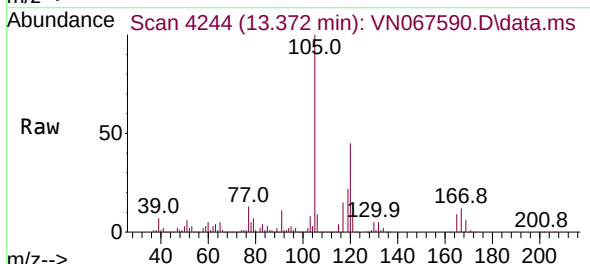
Tgt Ion:119 Resp: 2575256
Ion Ratio Lower Upper
119 100
91 66.1 0.0 158.4
134 25.4 0.0 43.6

Manual Integrations
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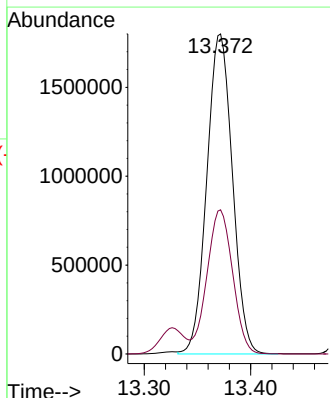
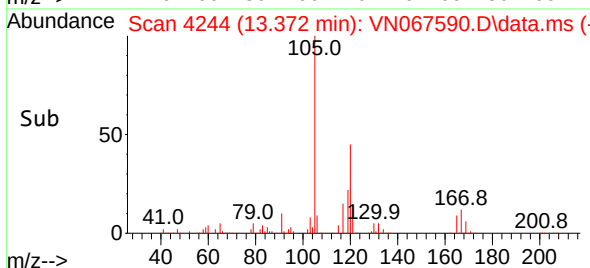
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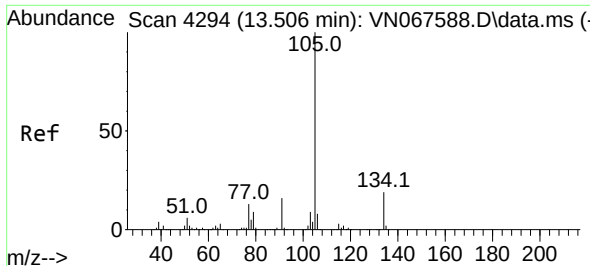


#80
1,2,4-Trimethylbenzene
Concen: 123.609 ug/l m
RT: 13.372 min Scan# 4244
Delta R.T. 0.000 min
Lab File: VN067590.D
Acq: 1 Jul 2021 11:24



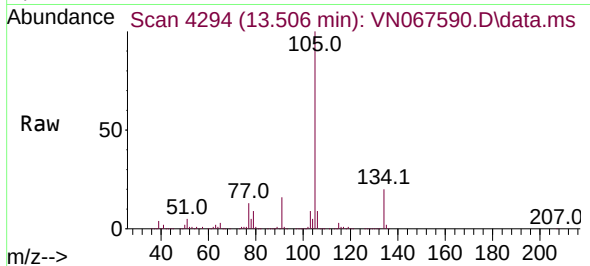
Tgt Ion:105 Resp: 3012458
Ion Ratio Lower Upper
105 100
120 0.2 0.0 0.4





#81
 sec-Butylbenzene
 Concen: 125.549 ug/l
 RT: 13.506 min Scan# 4294
 Delta R.T. 0.000 min
 Lab File: VN067590.D
 Acq: 1 Jul 2021 11:24

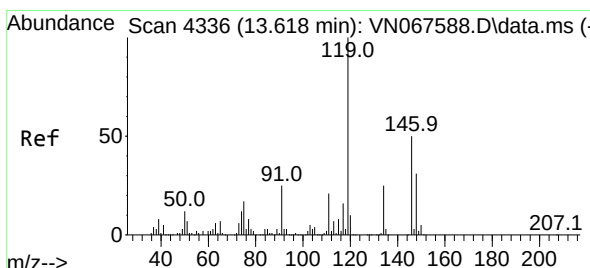
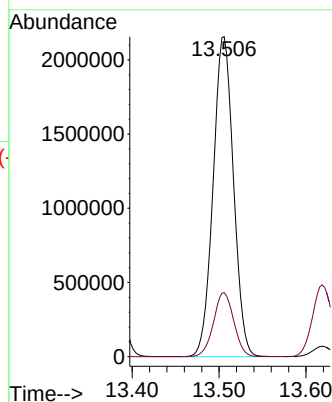
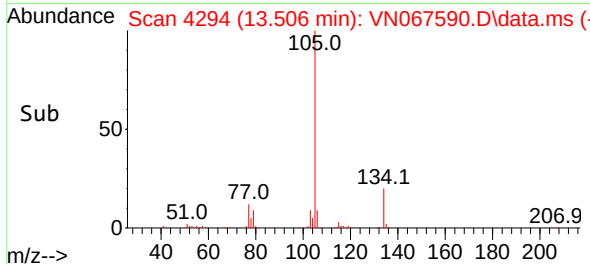
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC100



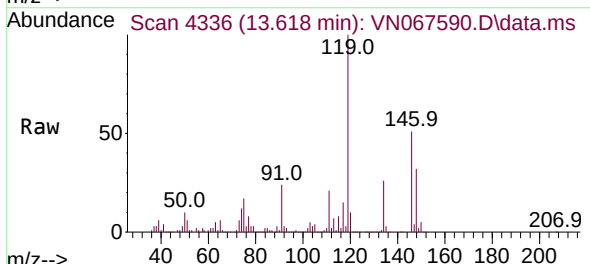
Tgt Ion:105 Resp: 3504511
 Ion Ratio Lower Upper
 105 100
 134 20.0 0.0 35.4

Manual Integrations
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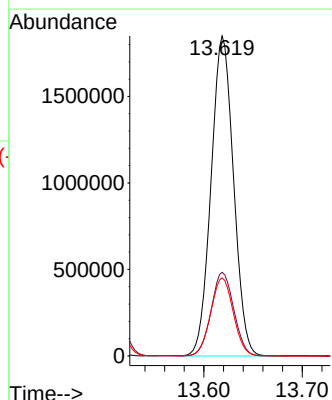
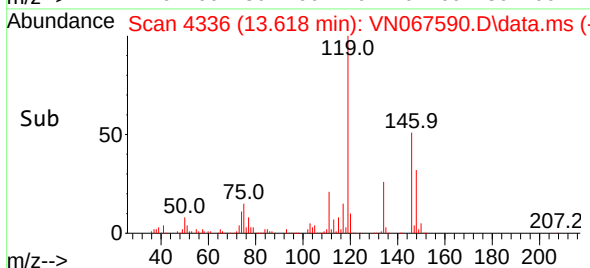
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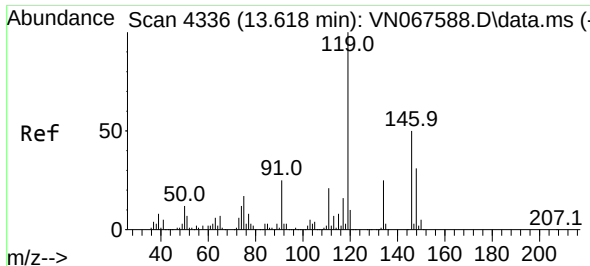


#82
 p-Isopropyltoluene
 Concen: 130.180 ug/l
 RT: 13.618 min Scan# 4336
 Delta R.T. 0.000 min
 Lab File: VN067590.D
 Acq: 1 Jul 2021 11:24

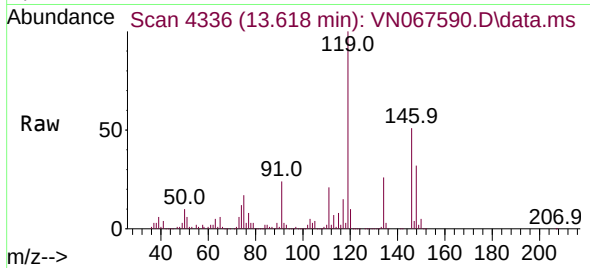


Tgt Ion:119 Resp: 2931522
 Ion Ratio Lower Upper
 119 100
 134 26.4 0.0 49.0
 91 24.4 0.0 59.6

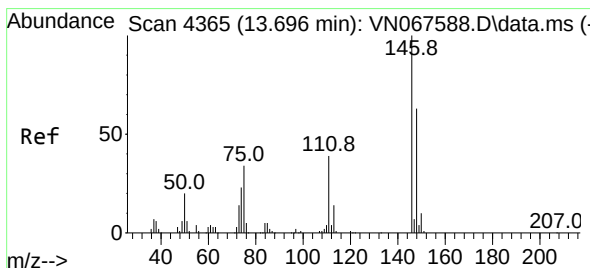
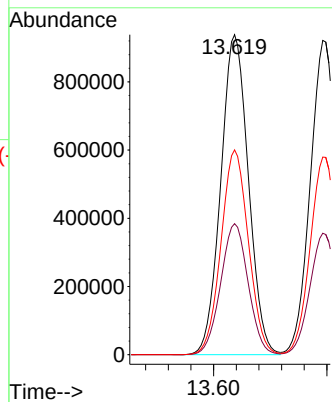
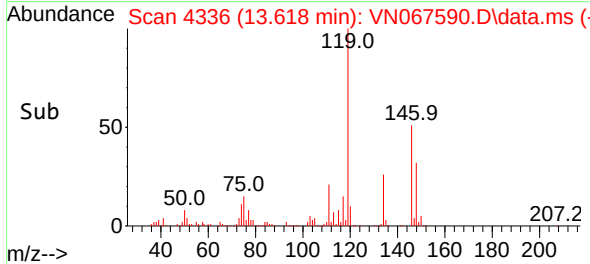




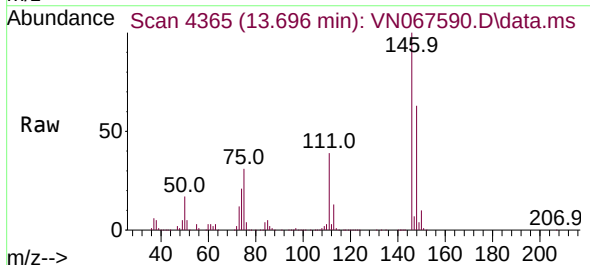
#83
1,3-Dichlorobenzene
Concen: 140.431 ug/l
RT: 13.618 min Scan# 4336
Delta R.T. 0.000 min
Lab File: VN067590.D
Acq: 1 Jul 2021 11:24



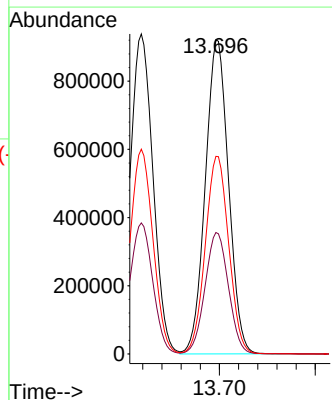
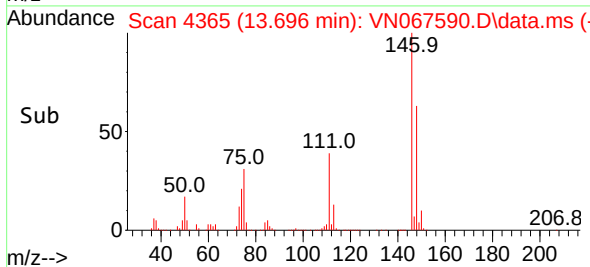
Tgt Ion:146 Resp: 1587048
Ion Ratio Lower Upper
146 100
111 40.8 25.0 75.0
148 63.6 32.6 97.7



#84
1,4-Dichlorobenzene
Concen: 137.489 ug/l
RT: 13.696 min Scan# 4365
Delta R.T. 0.000 min
Lab File: VN067590.D
Acq: 1 Jul 2021 11:24



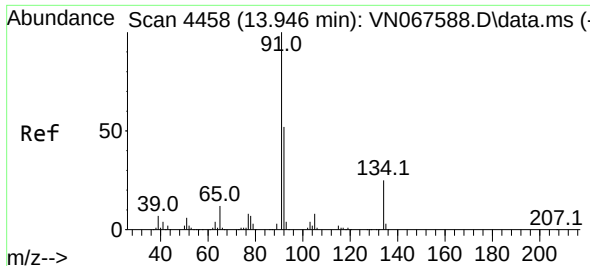
Tgt Ion:146 Resp: 1550127
Ion Ratio Lower Upper
146 100
111 39.0 23.6 71.0
148 63.6 31.8 95.3



Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

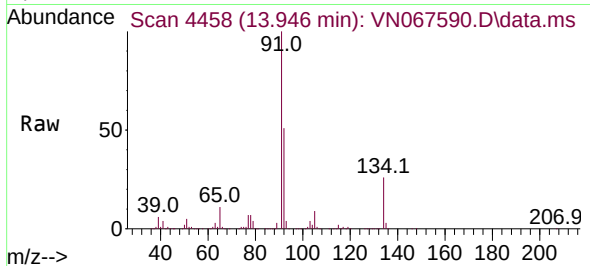
Manual Integrations
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#85
n-Butylbenzene
Concen: 119.367 ug/l
RT: 13.946 min Scan# 4458
Delta R.T. 0.000 min
Lab File: VN067590.D
Acq: 1 Jul 2021 11:24

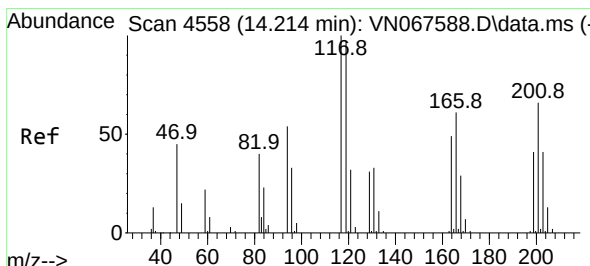
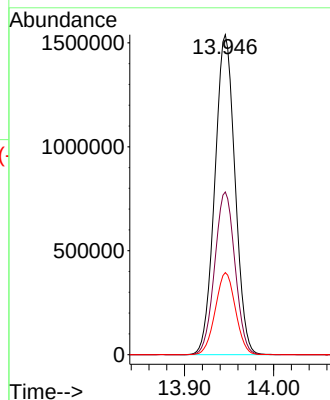
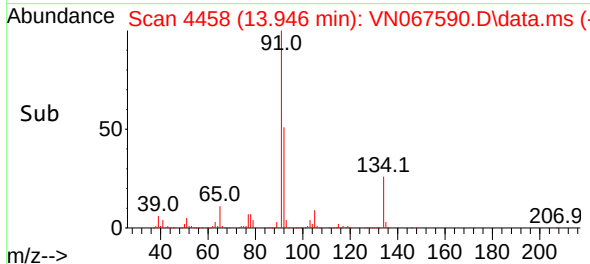
Instrument :
MSVOA_N
ClientSampled :
VSTDIC100



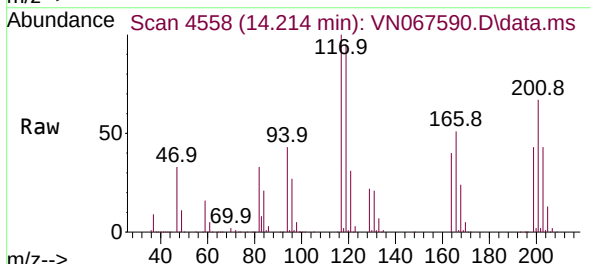
Tgt Ion: 91 Resp: 2419783
Ion Ratio Lower Upper
91 100
92 51.4 0.0 103.0
134 25.7 0.0 43.6

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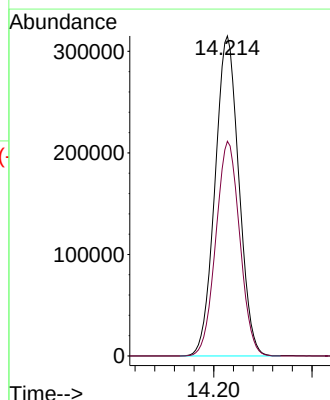
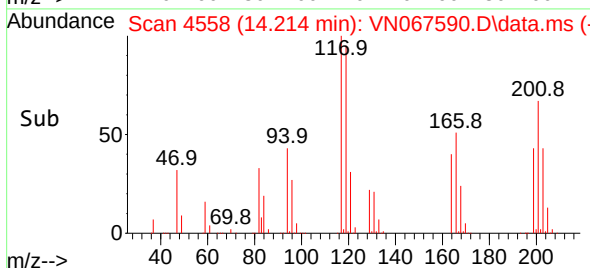
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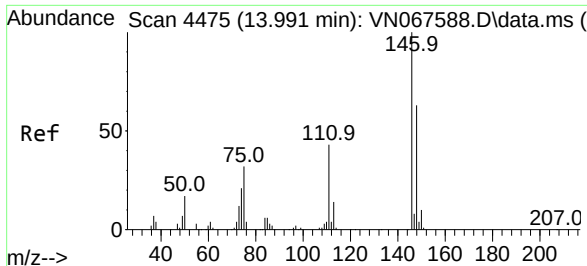


#86
Hexachloroethane
Concen: 121.282 ug/l
RT: 14.214 min Scan# 4558
Delta R.T. 0.000 min
Lab File: VN067590.D
Acq: 1 Jul 2021 11:24



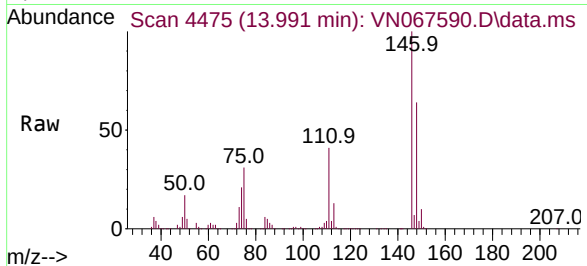
Tgt Ion: 117 Resp: 530912
Ion Ratio Lower Upper
117 100
201 67.3 33.3 99.9





#87
1,2-Dichlorobenzene
Concen: 139.089 ug/l
RT: 13.991 min Scan# 4475
Delta R.T. 0.000 min
Lab File: VN067590.D
Acq: 1 Jul 2021 11:24

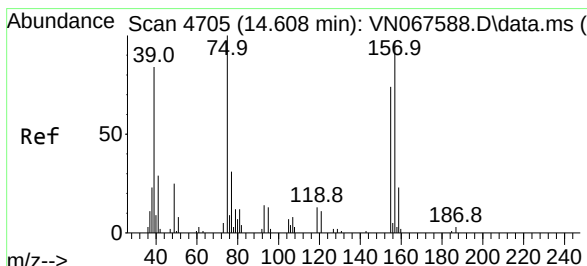
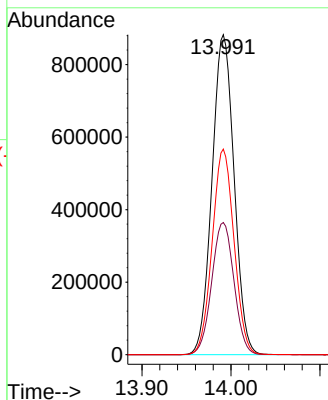
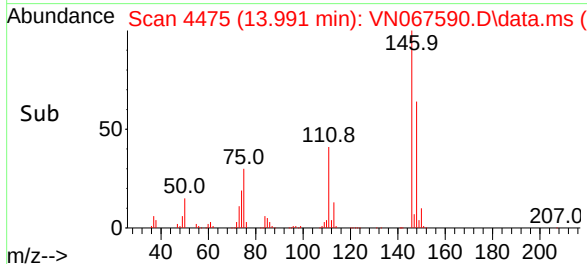
Instrument :
MSVOA_N
ClientSampled :
VSTDIC100



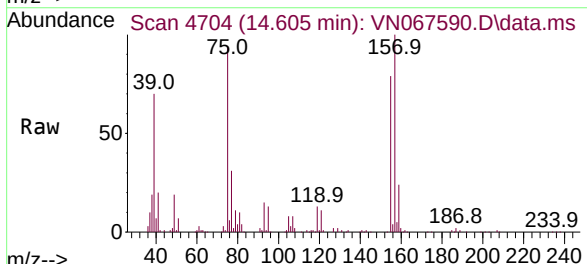
Tgt Ion:146 Resp: 1520620
Ion Ratio Lower Upper
146 100
111 41.7 25.0 75.0
148 63.6 32.0 96.0

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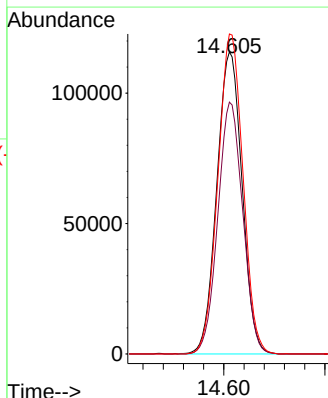
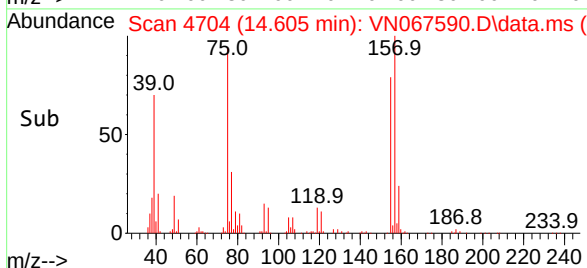
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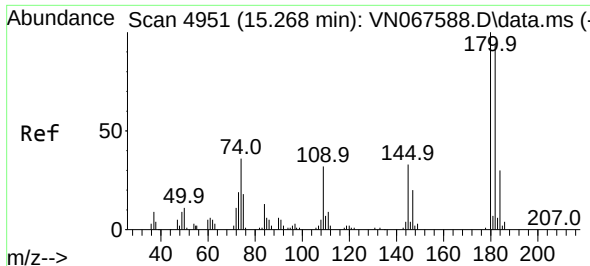


#88
1,2-Dibromo-3-Chloropropane
Concen: 98.551 ug/l
RT: 14.605 min Scan# 4704
Delta R.T. -0.003 min
Lab File: VN067590.D
Acq: 1 Jul 2021 11:24



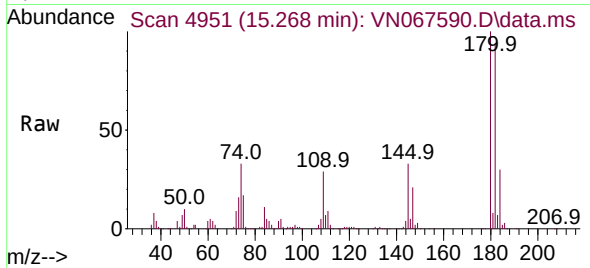
Tgt Ion: 75 Resp: 201105
Ion Ratio Lower Upper
75 100
155 82.1 45.3 67.9#
157 104.9 58.6 87.8#





#89
1,2,4-Trichlorobenzene
Concen: 133.319 ug/l
RT: 15.268 min Scan# 4951
Delta R.T. 0.000 min
Lab File: VN067590.D
Acq: 1 Jul 2021 11:24

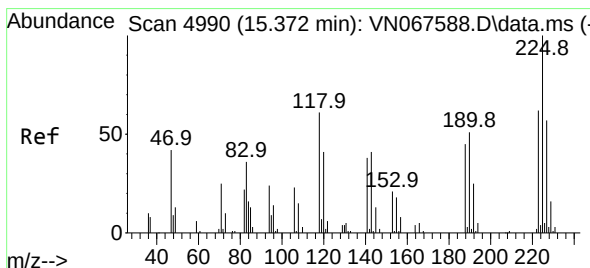
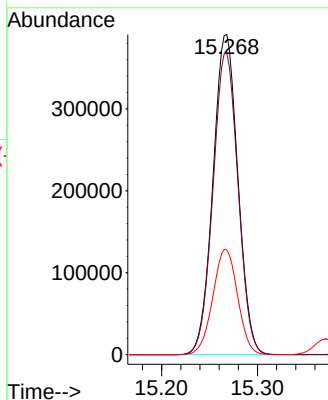
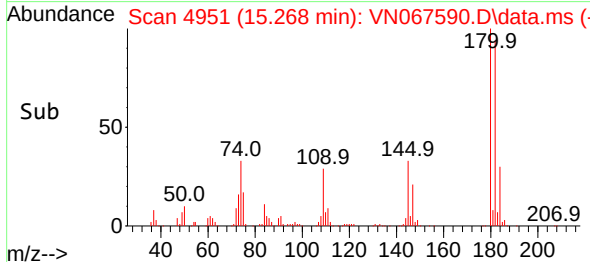
Instrument :
MSVOA_N
ClientSampled :
VSTDIC100



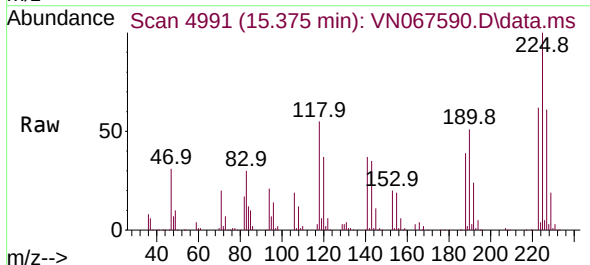
Tgt Ion:180 Resp: 705170
Ion Ratio Lower Upper
180 100
182 94.6 75.9 113.9
145 32.9 28.8 43.2

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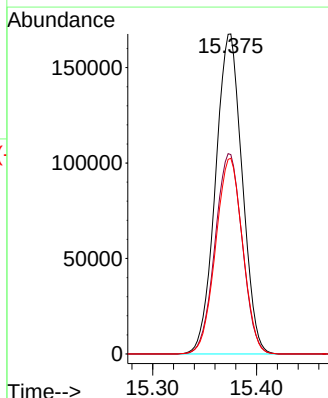
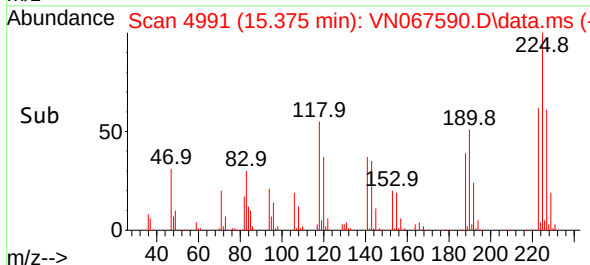
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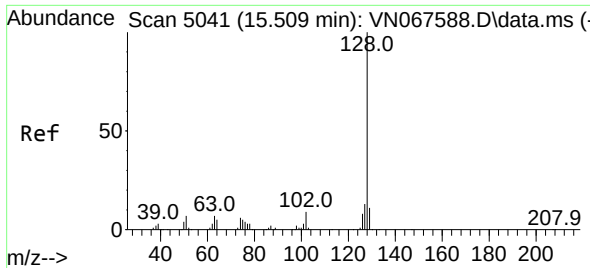


#90
Hexachlorobutadiene
Concen: 109.159 ug/l
RT: 15.375 min Scan# 4991
Delta R.T. 0.003 min
Lab File: VN067590.D
Acq: 1 Jul 2021 11:24



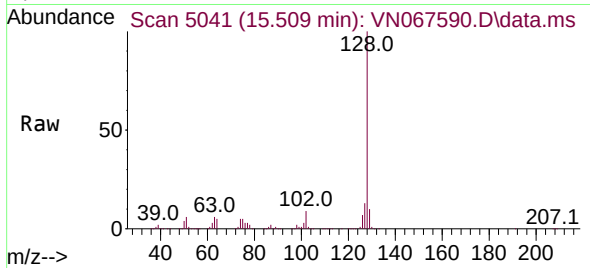
Tgt Ion:225 Resp: 299548
Ion Ratio Lower Upper
225 100
223 63.8 0.0 129.6
227 61.9 0.0 131.2





#91
Naphthalene
Concen: 132.582 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.000 min
Lab File: VN067590.D
Acq: 1 Jul 2021 11:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

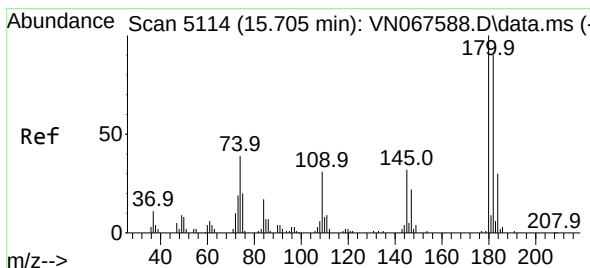
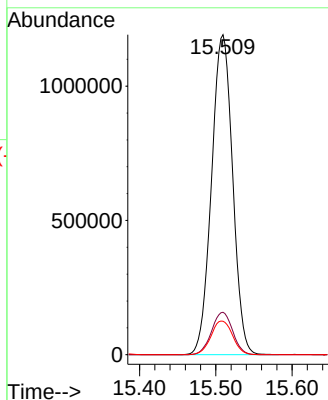
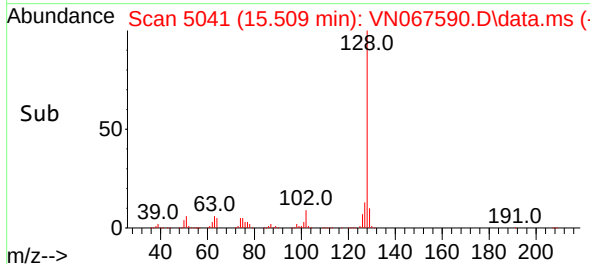


Tgt Ion:128 Resp: 2286777

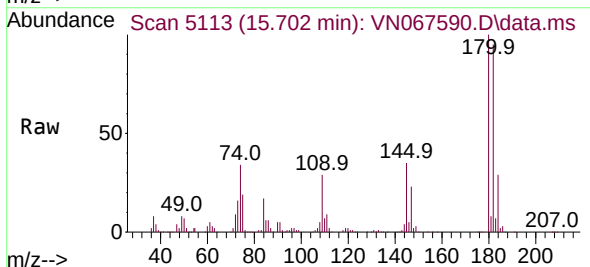
Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.1	15.1
129	10.8	8.9	13.3

Manual Integrations
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#92
1,2,3-Trichlorobenzene
Concen: 131.243 ug/l
RT: 15.702 min Scan# 5113
Delta R.T. -0.003 min
Lab File: VN067590.D
Acq: 1 Jul 2021 11:24



Tgt Ion:180 Resp: 675038

Ion	Ratio	Lower	Upper
180	100		
182	94.8	0.0	184.6
145	35.1	0.0	76.0

