

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081121\
 Data File : VD070019.D
 Acq On : 11 Aug 2021 13:11
 Operator : VA/SY
 Sample : VD0811SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0811SBS01

Manual Integrations
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Quant Time: Aug 12 05:27:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072221S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 04:51:13 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	517918	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	900107	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	844003	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	399255	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	275360	46.228	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.460%
35) Dibromofluoromethane	7.914	113	285168	50.256	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.520%
50) Toluene-d8	10.331	98	1090329	49.833	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.660%
62) 4-Bromofluorobenzene	12.625	95	382737	52.342	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	104.680%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.985	85	118045	21.654	ug/l	95
3) Chloromethane	2.208	50	161344	20.403	ug/l	93
4) Vinyl Chloride	2.344	62	176657	21.240	ug/l	97
5) Bromomethane	2.750	94	115662	22.521	ug/l	93
6) Chloroethane	2.908	64	115188	21.367	ug/l	95
7) Trichlorofluoromethane	3.267	101	218488	21.279	ug/l	97
8) Diethyl Ether	3.708	74	60595	20.981	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.091	101	143631	22.026	ug/l	99
10) Methyl Iodide	4.296	142	107688	19.030	ug/l	100
11) Tert butyl alcohol	5.232	59	35914	116.522	ug/l #	87
12) 1,1-Dichloroethene	4.061	96	127564	21.527	ug/l	92
13) Acrolein	3.920	56	29383	68.102	ug/l	95
14) Allyl chloride	4.708	41	184580	21.246	ug/l	98
15) Acrylonitrile	5.420	53	143250	105.439	ug/l	100
16) Acetone	4.149	43	121104	112.548	ug/l	98
17) Carbon Disulfide	4.408	76	428872	20.242	ug/l	99
18) Methyl Acetate	4.720	43	67515	21.625	ug/l	98
19) Methyl tert-butyl Ether	5.479	73	266253	21.686	ug/l	93
20) Methylene Chloride	4.955	84	186788	20.201	ug/l	100
21) trans-1,2-Dichloroethene	5.467	96	147206	21.082	ug/l	94
22) Diisopropyl ether	6.361	45	420509	22.274	ug/l	94
23) Vinyl Acetate	6.302	43	950522	104.426	ug/l	99
24) 1,1-Dichloroethane	6.261	63	273453	20.971	ug/l	99
25) 2-Butanone	7.208	43	161392	110.602	ug/l	95
26) 2,2-Dichloropropane	7.202	77	216984	21.884	ug/l	99
27) cis-1,2-Dichloroethene	7.208	96	158153	21.226	ug/l	99
28) Bromochloromethane	7.543	49	113287	22.883	ug/l	98
29) Tetrahydrofuran	7.567	42	103560	109.695	ug/l	99
30) Chloroform	7.702	83	273528	20.864	ug/l	99
31) Cyclohexane	7.985	56	248645	21.364	ug/l	99
32) 1,1,1-Trichloroethane	7.902	97	233231	21.493	ug/l	100
36) 1,1-Dichloropropene	8.108	75	214535	22.086	ug/l	100
37) Ethyl Acetate	7.290	43	74215	20.987	ug/l	98
38) Carbon Tetrachloride	8.096	117	197894	22.303	ug/l	97
39) Methylcyclohexane	9.355	83	239149	21.497	ug/l	95
40) Benzene	8.349	78	611106	21.716	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	45066m	24.284	ug/l	
42) 1,2-Dichloroethane	8.420	62	156358	21.009	ug/l	99
43) Isopropyl Acetate	8.449	43	140878	22.213	ug/l	99
44) Trichloroethene	9.108	130	152644	22.026	ug/l	90
45) 1,2-Dichloropropane	9.384	63	162306	21.957	ug/l	95
46) Dibromomethane	9.473	93	75929	20.897	ug/l	98
47) Bromodichloromethane	9.661	83	194754	20.630	ug/l	99
48) Methyl methacrylate	9.455	41	68248	21.847	ug/l	97
49) 1,4-Dioxane	9.461	88	16495	429.693	ug/l	96
51) 4-Methyl-2-Pentanone	10.226	43	366124	110.936	ug/l	99
52) Toluene	10.402	92	384345	22.515	ug/l	100
53) t-1,3-Dichloropropene	10.614	75	179426	22.644	ug/l	97
54) cis-1,3-Dichloropropene	10.084	75	214486	22.358	ug/l	96
55) 1,1,2-Trichloroethane	10.796	97	108459	21.134	ug/l	98
56) Ethyl methacrylate	10.655	69	118178	21.070	ug/l	99
57) 1,3-Dichloropropane	10.937	76	190224	21.905	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.937	63	245992	101.654	ug/l	99
59) 2-Hexanone	10.978	43	252969	115.881	ug/l	99
60) Dibromochloromethane	11.131	129	125510	21.594	ug/l	99
61) 1,2-Dibromoethane	11.243	107	99148	21.458	ug/l	98
64) Tetrachloroethene	10.873	164	121079	22.505	ug/l	98
65) Chlorobenzene	11.667	112	388198	22.201	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.737	131	136644	21.723	ug/l	99
67) Ethyl Benzene	11.737	91	680661	22.110	ug/l	98
68) m/p-Xylenes	11.849	106	536487	44.954	ug/l	99
69) o-Xylene	12.173	106	239652	22.089	ug/l	98
70) Styrene	12.190	104	420664	22.373	ug/l	99
71) Bromoform	12.355	173	66193	21.668	ug/l #	98
73) Isopropylbenzene	12.473	105	634798	22.128	ug/l	100
74) N-amyl acetate	12.278	43	131836	22.343	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.720	83	126837	22.140	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	87396m	20.594	ug/l	
77) Bromobenzene	12.755	156	140393	21.729	ug/l	99
78) n-propylbenzene	12.814	91	838283	22.752	ug/l	99
79) 2-Chlorotoluene	12.902	91	473825	22.140	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	549171	22.379	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.520	75	32644	23.336	ug/l	96
82) 4-Chlorotoluene	12.996	91	503128	22.487	ug/l	99
83) tert-Butylbenzene	13.214	119	436339	21.870	ug/l	100
84) 1,2,4-Trimethylbenzene	13.261	105	543463	22.449	ug/l	99
85) sec-Butylbenzene	13.390	105	723244	22.930	ug/l	99
86) p-Isopropyltoluene	13.508	119	573740	22.390	ug/l	99
87) 1,3-Dichlorobenzene	13.508	146	295666	21.796	ug/l	99
88) 1,4-Dichlorobenzene	13.584	146	291626	21.569	ug/l	99
89) n-Butylbenzene	13.831	91	558131	22.070	ug/l	99
90) Hexachloroethane	14.102	117	118982	21.920	ug/l	99
91) 1,2-Dichlorobenzene	13.878	146	254028	21.697	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.490	75	17414	21.109	ug/l	96
93) 1,2,4-Trichlorobenzene	15.149	180	136798	21.656	ug/l	99
94) Hexachlorobutadiene	15.255	225	84554	21.882	ug/l	98
95) Naphthalene	15.384	128	239549	21.520	ug/l	100
96) 1,2,3-Trichlorobenzene	15.578	180	119620	21.897	ug/l	99

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QLast Update : Fri Jul 23 04:51:13 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

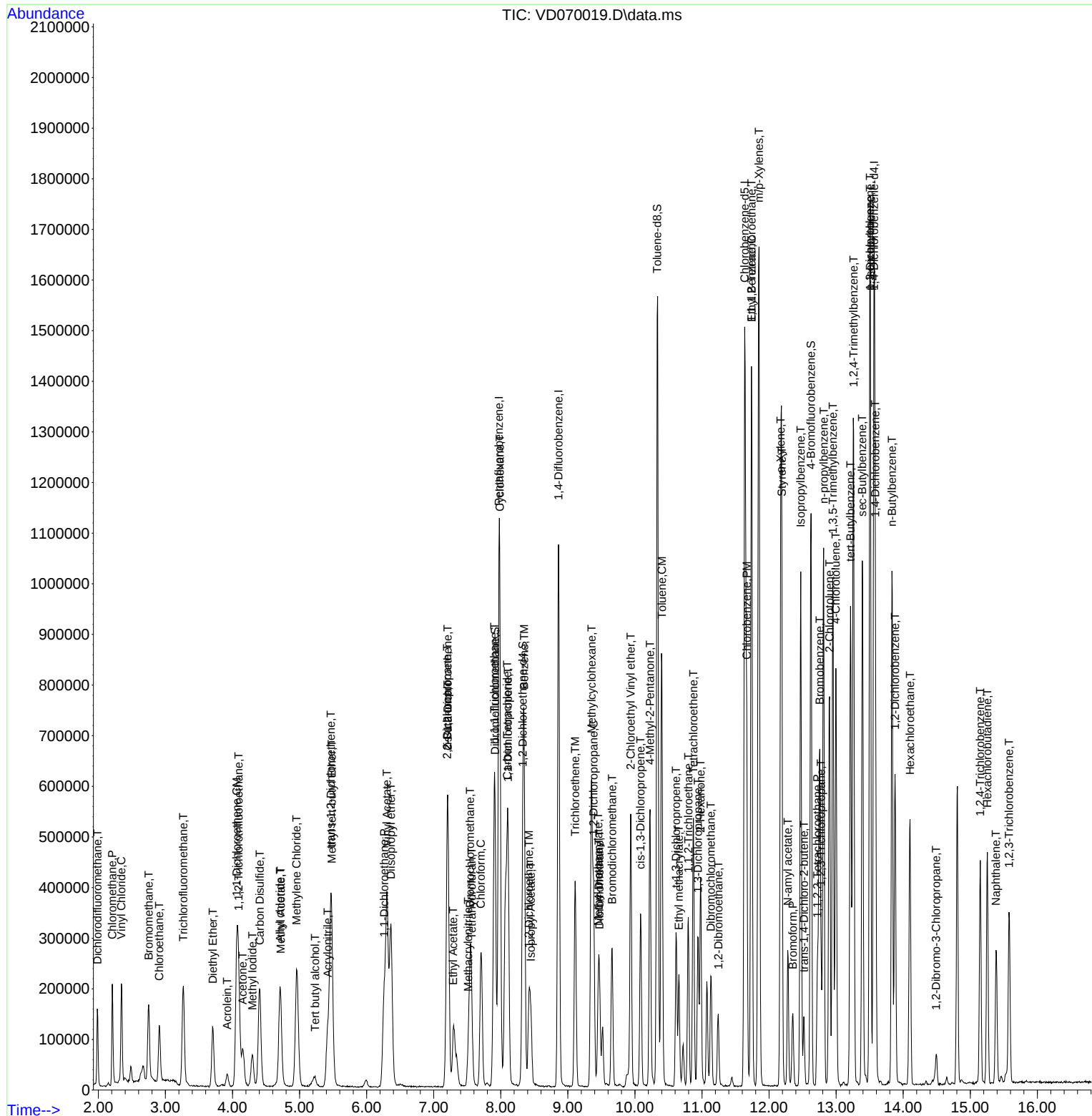
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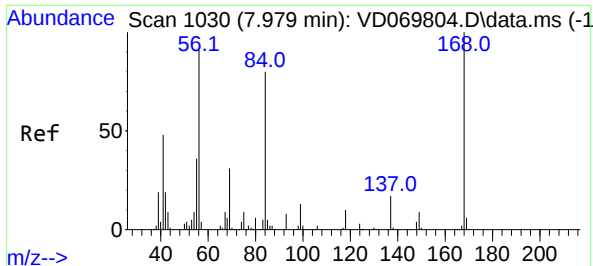
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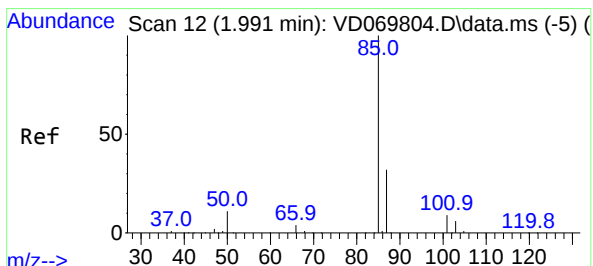
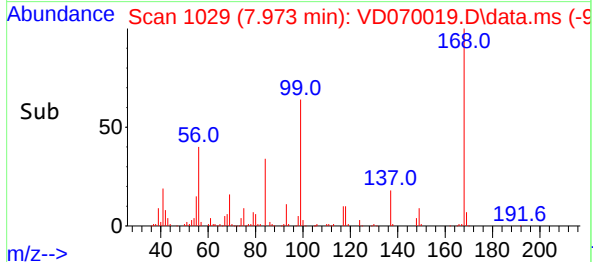
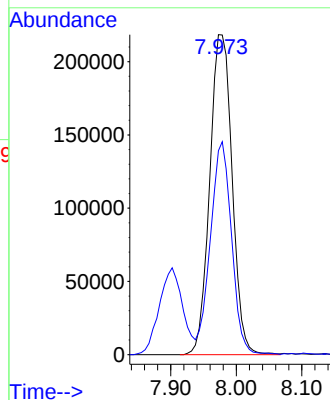
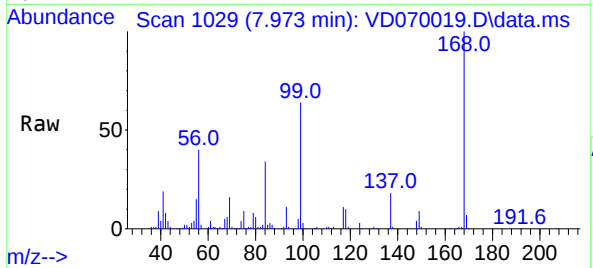
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD070019.D
Acq: 11 Aug 2021 13:11

Tgt Ion:168 Resp: 517918
Ion Ratio Lower Upper
168 100
99 63.6 51.1 76.7

Instrument :
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ClientSampleId :
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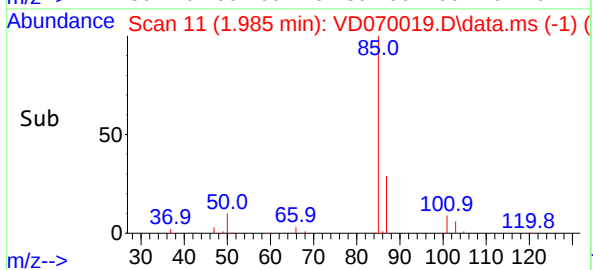
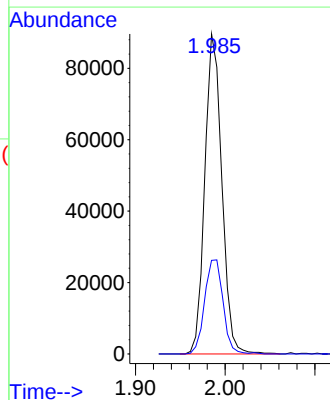
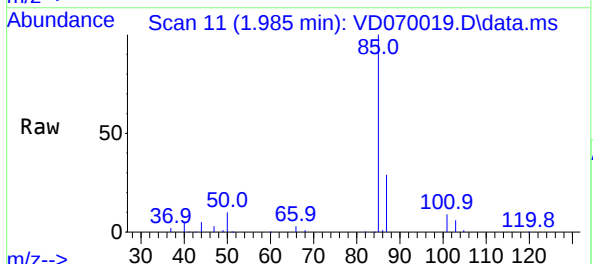
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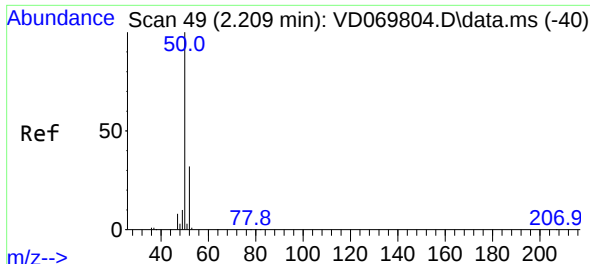
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#2
Dichlorodifluoromethane
Concen: 21.654 ug/l
RT: 1.985 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD070019.D
Acq: 11 Aug 2021 13:11

Tgt Ion: 85 Resp: 118045
Ion Ratio Lower Upper
85 100
87 29.3 16.1 48.3





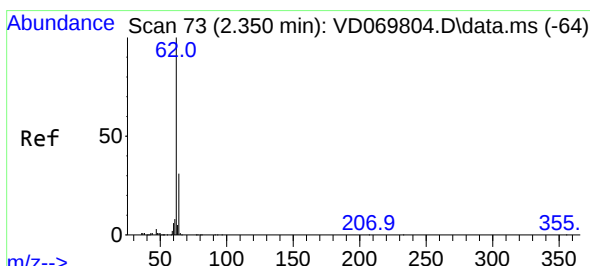
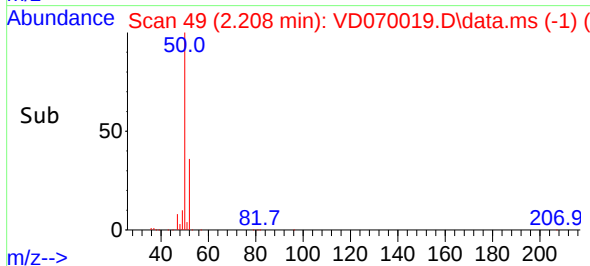
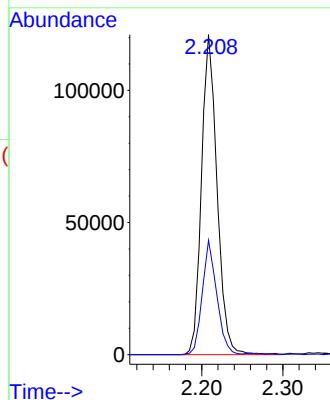
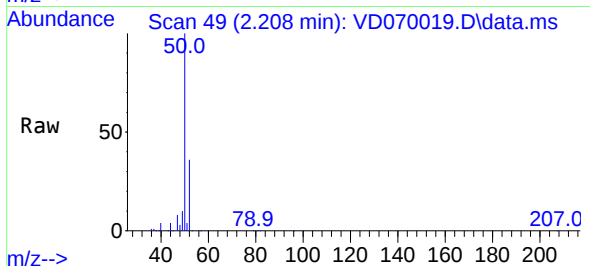
#3
Chloromethane
Concen: 20.403 ug/l
RT: 2.208 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD070019.D
Acq: 11 Aug 2021 13:11

Tgt Ion: 50 Resp: 161344
Ion Ratio Lower Upper
50 100
52 35.7 25.7 38.5

Instrument :
MSVOA_D
ClientSampleId :
VD0811SBS01

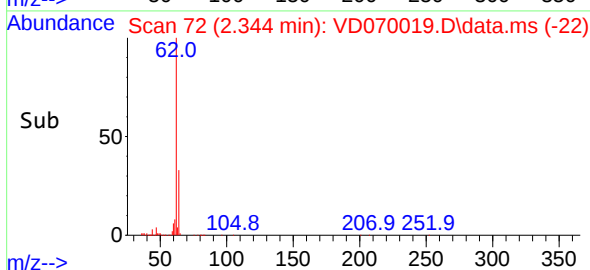
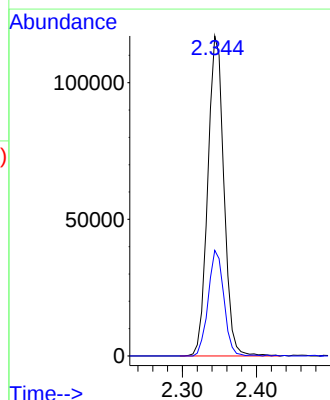
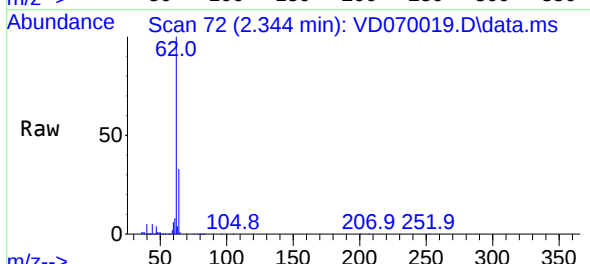
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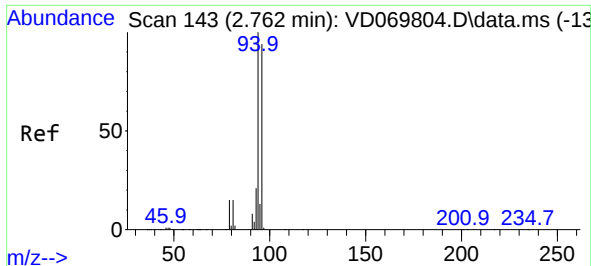
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8/12/2021 4:50:40 PM



#4
Vinyl Chloride
Concen: 21.240 ug/l
RT: 2.344 min Scan# 72
Delta R.T. -0.006 min
Lab File: VD070019.D
Acq: 11 Aug 2021 13:11

Tgt Ion: 62 Resp: 176657
Ion Ratio Lower Upper
62 100
64 33.0 25.0 37.4





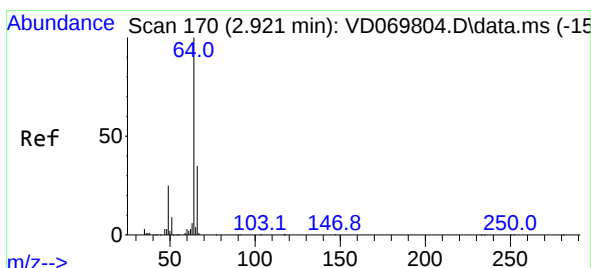
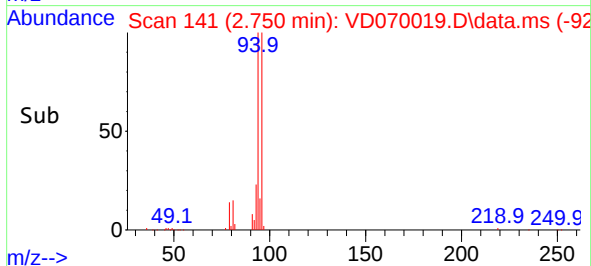
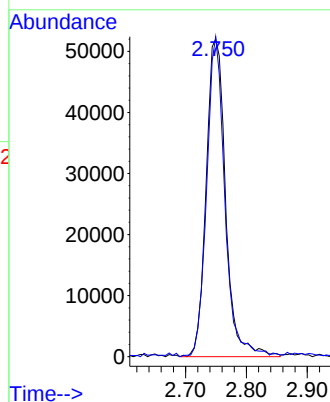
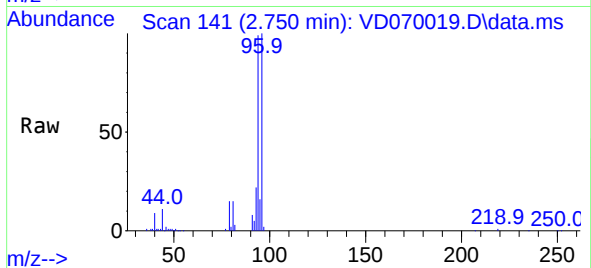
#5
Bromomethane
Concen: 22.521 ug/l
RT: 2.750 min Scan# 141
Delta R.T. -0.012 min
Lab File: VD070019.D
Acq: 11 Aug 2021 13:11

Tgt Ion: 94 Resp: 115662
Ion Ratio Lower Upper
94 100
96 100.7 74.8 112.2

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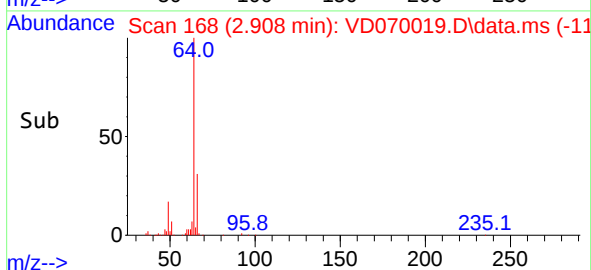
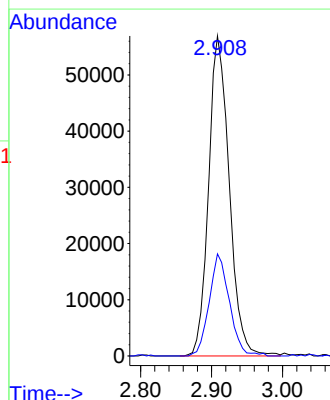
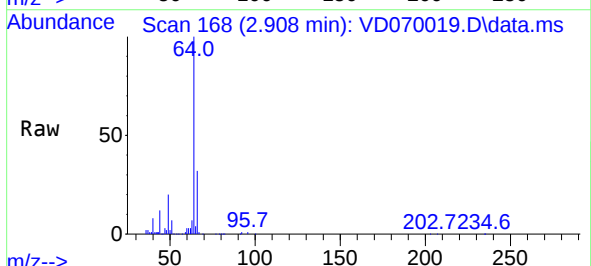
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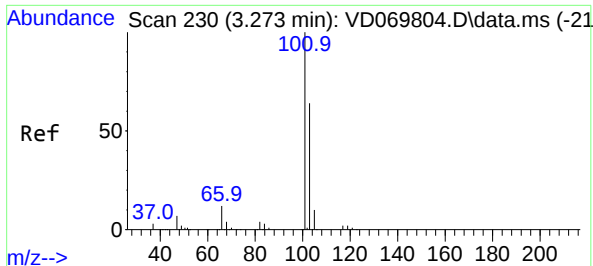
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#6
Chloroethane
Concen: 21.367 ug/l
RT: 2.908 min Scan# 168
Delta R.T. -0.012 min
Lab File: VD070019.D
Acq: 11 Aug 2021 13:11

Tgt Ion: 64 Resp: 115188
Ion Ratio Lower Upper
64 100
66 31.9 27.8 41.6





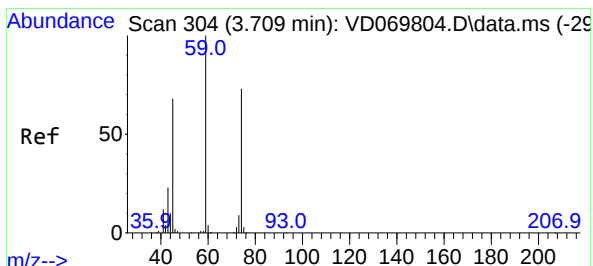
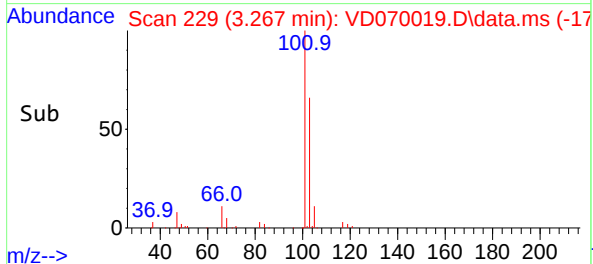
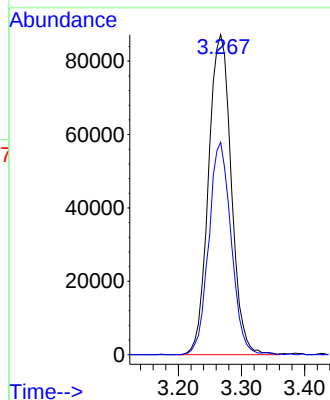
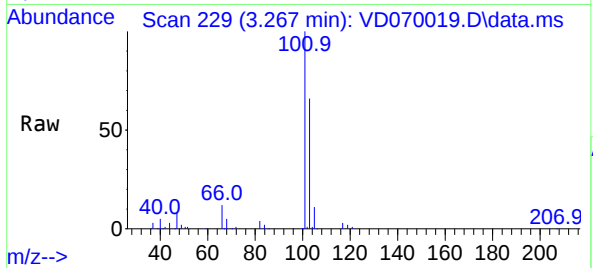
#7
Trichlorofluoromethane
Concen: 21.279 ug/l
RT: 3.267 min Scan# 229
Delta R.T. -0.006 min
Lab File: VD070019.D
Acq: 11 Aug 2021 13:11

Tgt Ion:101 Resp: 218488
Ion Ratio Lower Upper
101 100
103 66.4 51.3 76.9

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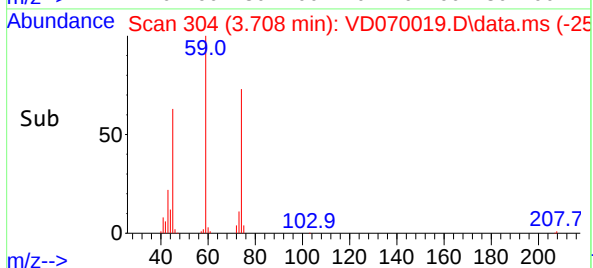
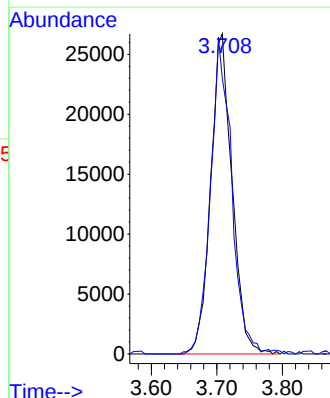
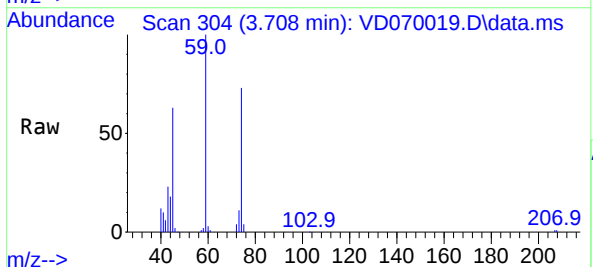
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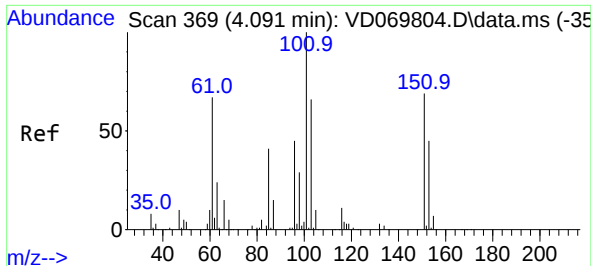
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8/12/2021 4:50:40 PM



#8
Diethyl Ether
Concen: 20.981 ug/l
RT: 3.708 min Scan# 304
Delta R.T. -0.000 min
Lab File: VD070019.D
Acq: 11 Aug 2021 13:11

Tgt Ion: 74 Resp: 60595
Ion Ratio Lower Upper
74 100
45 97.3 46.8 140.4





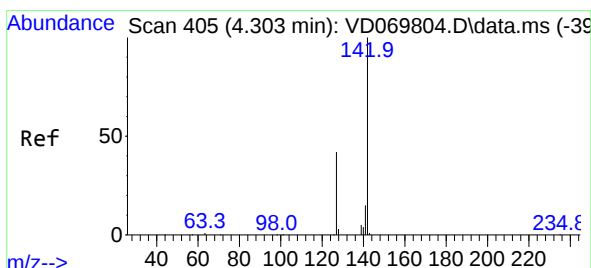
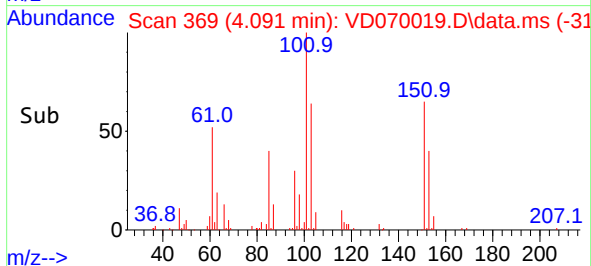
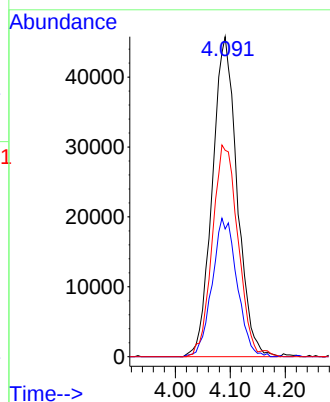
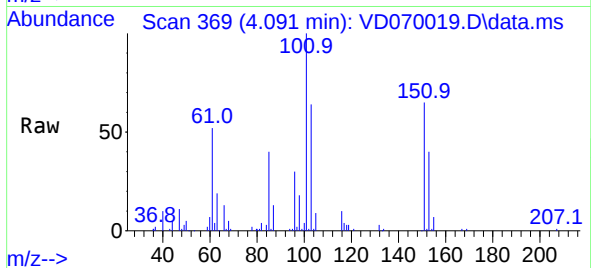
#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.026 ug/l
RT: 4.091 min Scan# 369
Delta R.T. -0.000 min
Lab File: VD070019.D
Acq: 11 Aug 2021 13:11

Tgt Ion:101 Resp: 143631
Ion Ratio Lower Upper
101 100
85 43.3 34.7 52.1
151 68.1 55.4 83.0

Instrument :
MSVOA_D
ClientSampleId :
VD0811SBS01

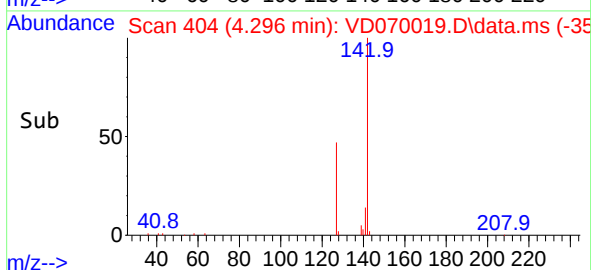
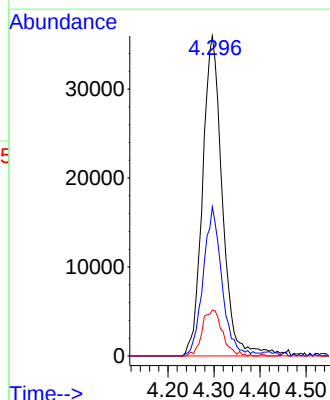
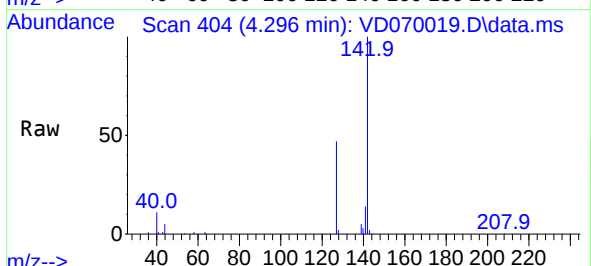
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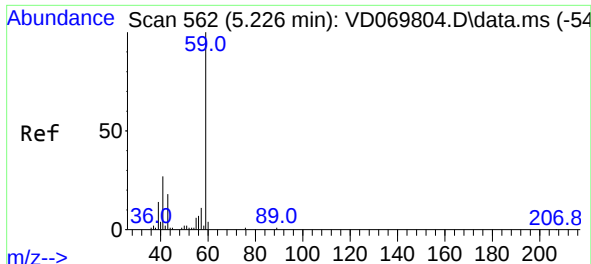
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#10
Methyl Iodide
Concen: 19.030 ug/l
RT: 4.296 min Scan# 404
Delta R.T. -0.007 min
Lab File: VD070019.D
Acq: 11 Aug 2021 13:11

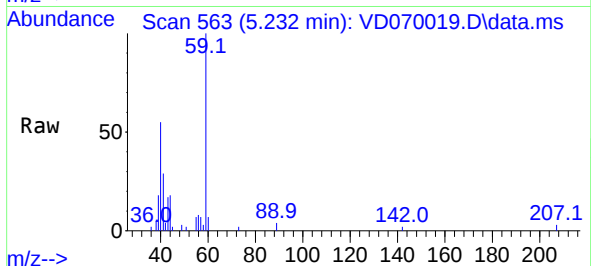
Tgt Ion:142 Resp: 107688
Ion Ratio Lower Upper
142 100
127 44.4 35.7 53.5
141 14.7 12.0 18.0





#11
Tert butyl alcohol
Concen: 116.522 ug/l
RT: 5.232 min Scan# 563
Delta R.T. 0.005 min
Lab File: VD070019.D
Acq: 11 Aug 2021 13:11

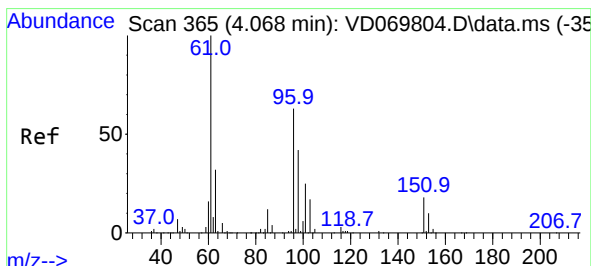
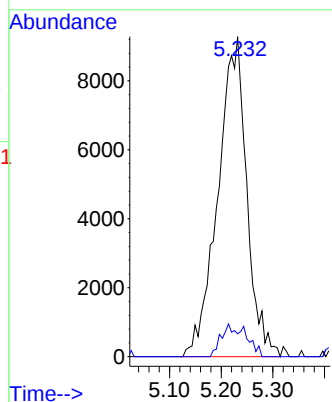
Instrument :
MSVOA_D
ClientSampleId :
VD0811SBS01



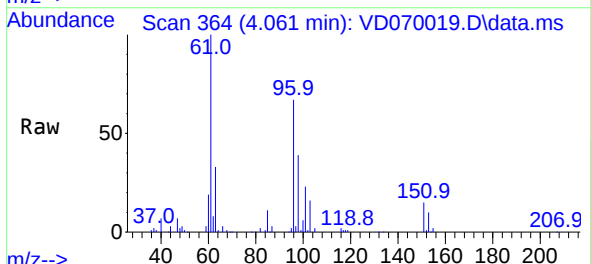
Tgt Ion: 59 Resp: 35914
Ion Ratio Lower Upper
59 100
57 5.3 8.1 12.1#

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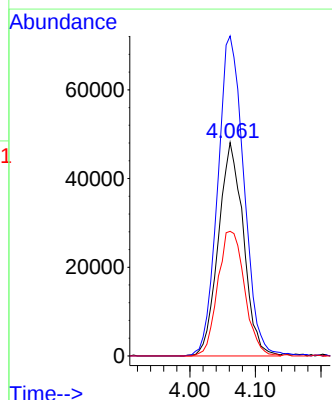
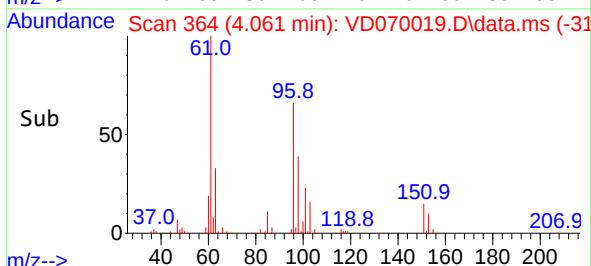
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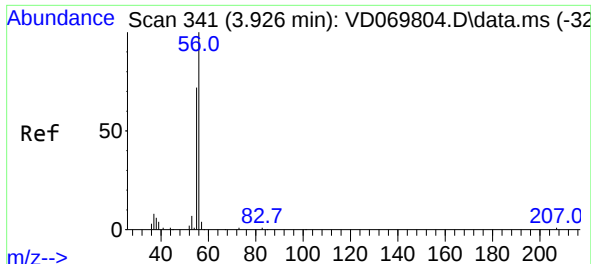


#12
1,1-Dichloroethene
Concen: 21.527 ug/l
RT: 4.061 min Scan# 364
Delta R.T. -0.006 min
Lab File: VD070019.D
Acq: 11 Aug 2021 13:11



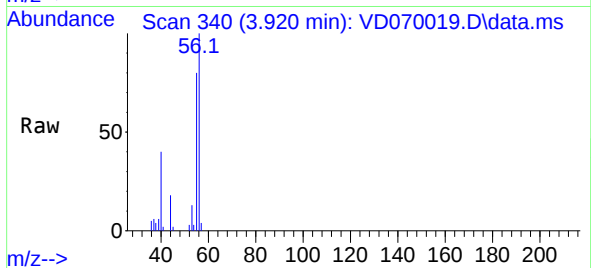
Tgt Ion: 96 Resp: 127564
Ion Ratio Lower Upper
96 100
61 149.9 126.9 190.3
98 58.4 53.2 79.8





#13
Acrolein
Concen: 68.102 ug/l
RT: 3.920 min Scan# 340
Delta R.T. -0.006 min
Lab File: VD070019.D
Acq: 11 Aug 2021 13:11

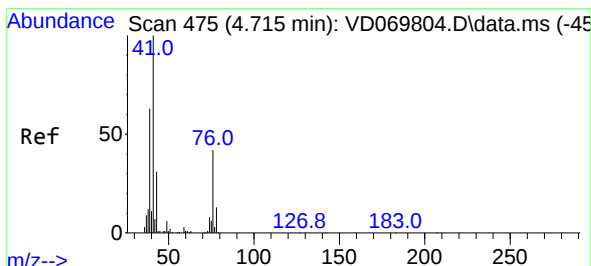
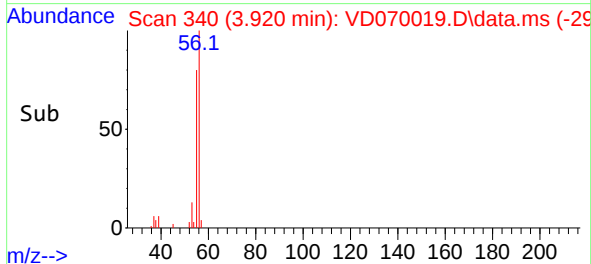
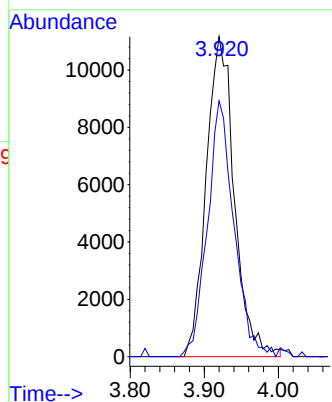
Instrument :
MSVOA_D
ClientSampleId :
VD0811SBS01



Tgt Ion: 56 Resp: 29383
Ion Ratio Lower Upper
56 100
55 75.5 57.2 85.8

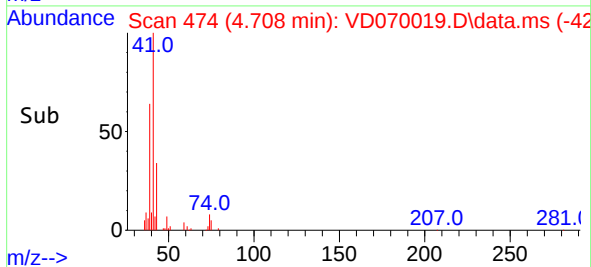
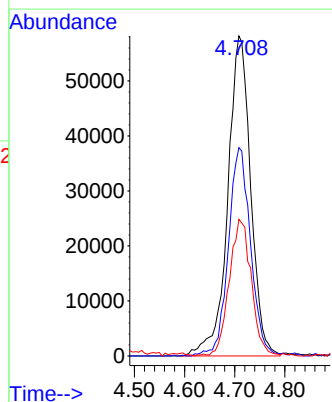
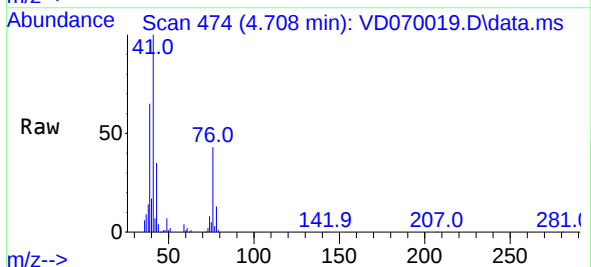
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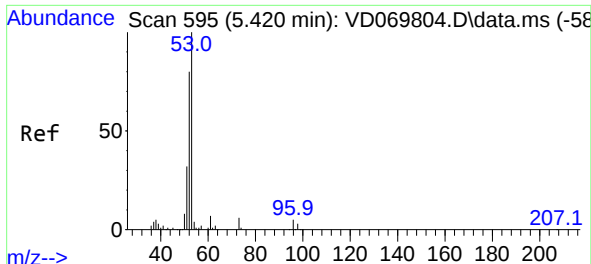
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#14
Allyl chloride
Concen: 21.246 ug/l
RT: 4.708 min Scan# 474
Delta R.T. -0.006 min
Lab File: VD070019.D
Acq: 11 Aug 2021 13:11

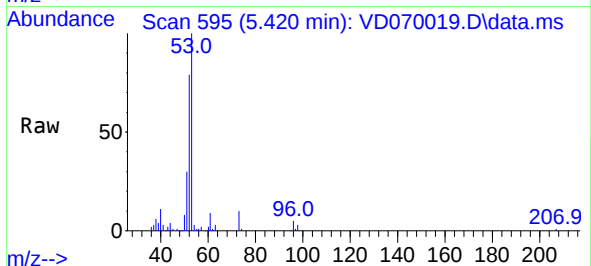
Tgt Ion: 41 Resp: 184580
Ion Ratio Lower Upper
41 100
39 63.2 49.8 74.6
76 41.2 31.8 47.8





#15
Acrylonitrile
Concen: 105.439 ug/l
RT: 5.420 min Scan# 595
Delta R.T. -0.000 min
Lab File: VD070019.D
Acq: 11 Aug 2021 13:11

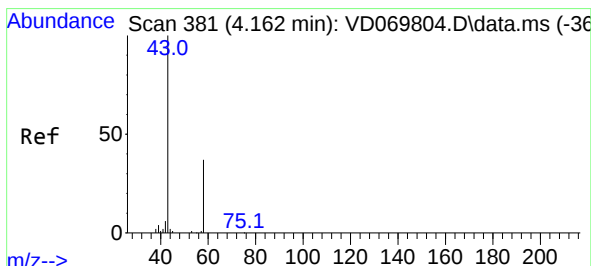
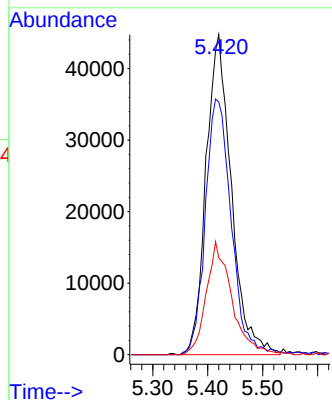
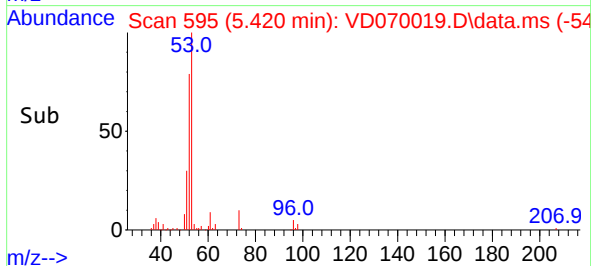
Instrument :
MSVOA_D
ClientSampleId :
VD0811SBS01



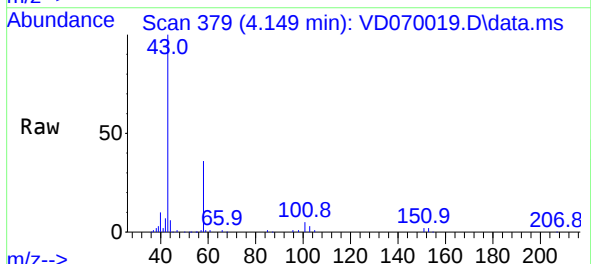
Tgt Ion: 53 Resp: 143250
Ion Ratio Lower Upper
53 100
52 81.8 65.3 97.9
51 35.7 28.3 42.5

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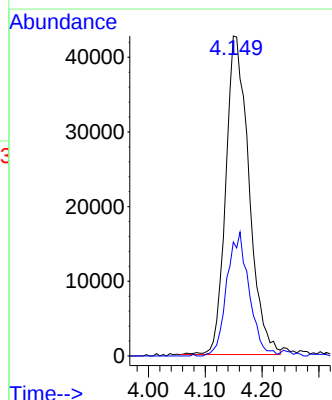
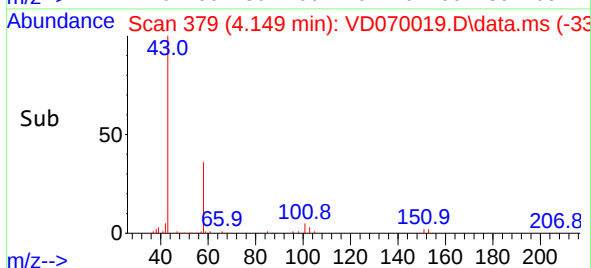
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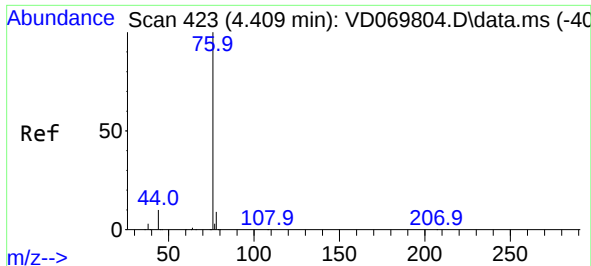


#16
Acetone
Concen: 112.548 ug/l
RT: 4.149 min Scan# 379
Delta R.T. -0.012 min
Lab File: VD070019.D
Acq: 11 Aug 2021 13:11



Tgt Ion: 43 Resp: 121104
Ion Ratio Lower Upper
43 100
58 35.7 29.4 44.0





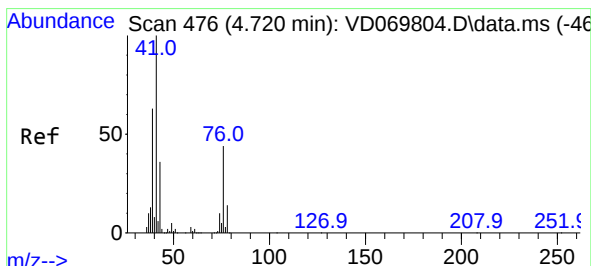
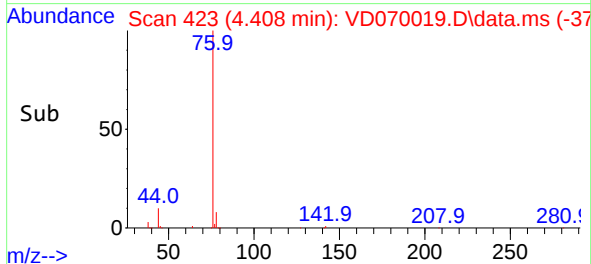
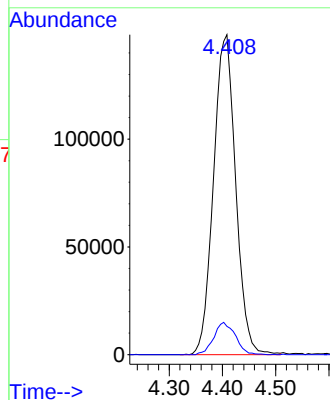
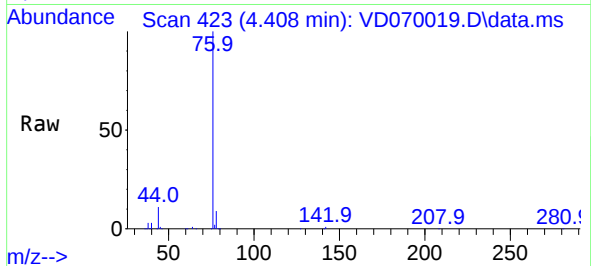
#17
Carbon Disulfide
Concen: 20.242 ug/l
RT: 4.408 min Scan# 423
Delta R.T. -0.000 min
Lab File: VD070019.D
Acq: 11 Aug 2021 13:11

Tgt Ion: 76 Resp: 428872
Ion Ratio Lower Upper
76 100
78 8.8 7.3 10.9

Instrument :
MSVOA_D
ClientSampleId :
VD0811SBS01

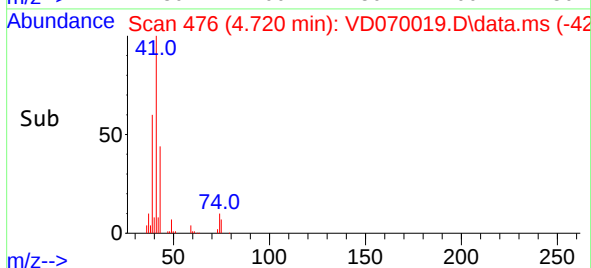
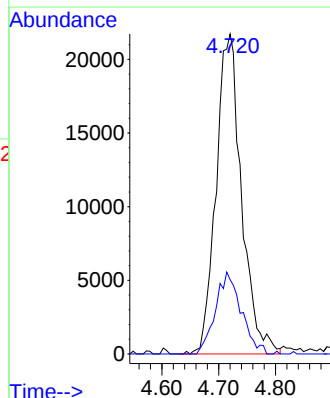
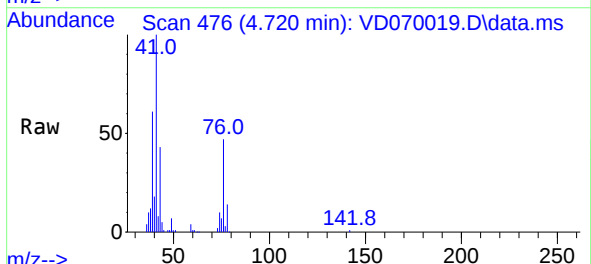
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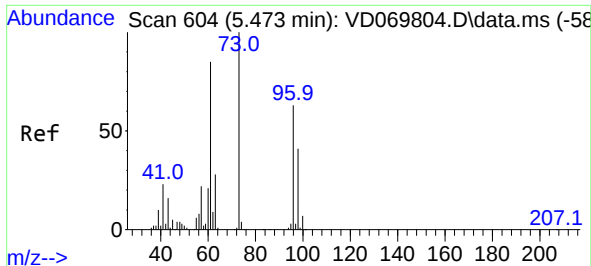
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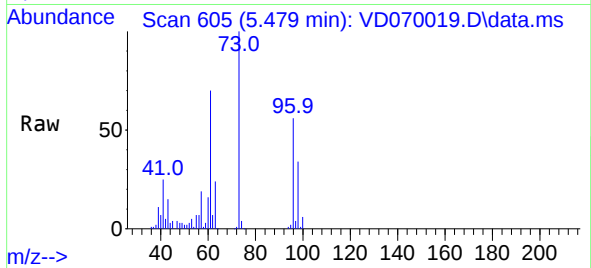
#18
Methyl Acetate
Concen: 21.625 ug/l
RT: 4.720 min Scan# 476
Delta R.T. -0.000 min
Lab File: VD070019.D
Acq: 11 Aug 2021 13:11

Tgt Ion: 43 Resp: 67515
Ion Ratio Lower Upper
43 100
74 25.9 21.4 32.2

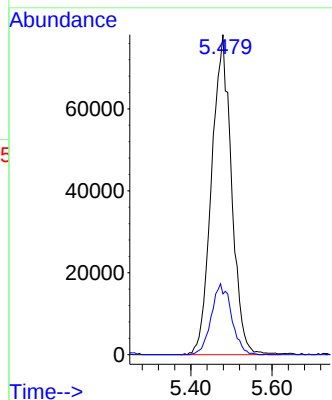




#19
Methyl tert-butyl Ether
Concen: 21.686 ug/l
RT: 5.479 min Scan# 605
Delta R.T. 0.005 min
Lab File: VD070019.D
Acq: 11 Aug 2021 13:11



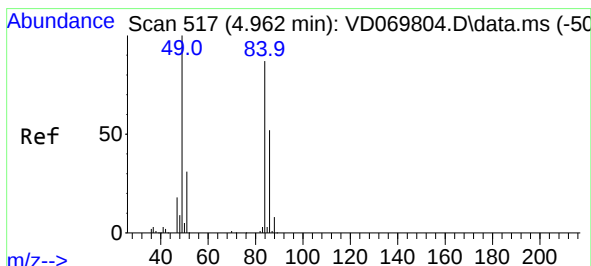
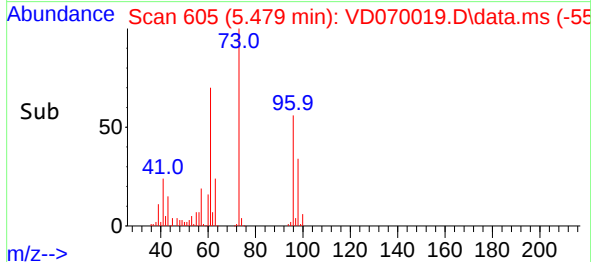
Tgt Ion: 73 Resp: 266253
Ion Ratio Lower Upper
73 100
57 19.0 17.8 26.8



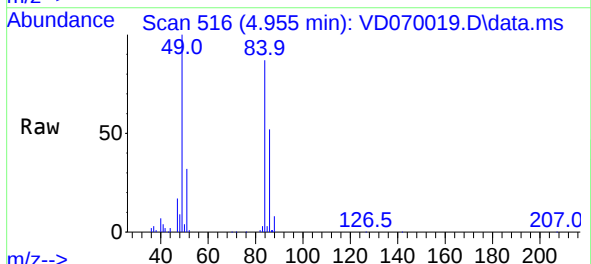
Instrument :
MSVOA_D
ClientSampleId :
VD0811SBS01

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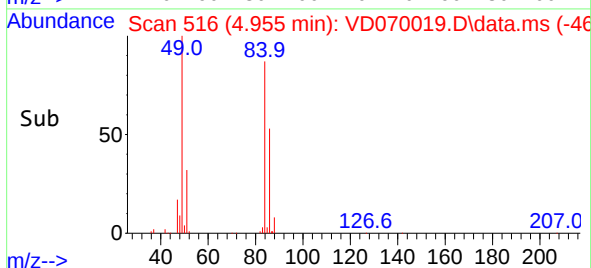
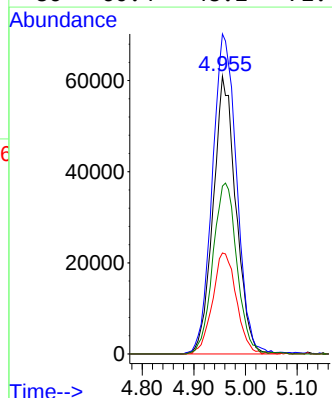
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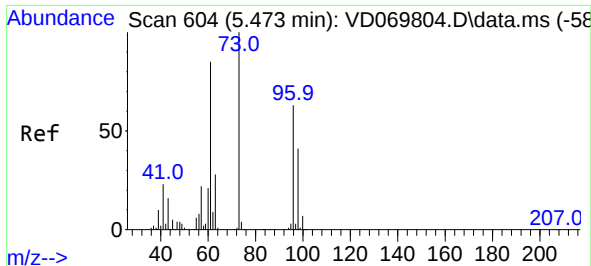


#20
Methylene Chloride
Concen: 20.201 ug/l
RT: 4.955 min Scan# 516
Delta R.T. -0.007 min
Lab File: VD070019.D
Acq: 11 Aug 2021 13:11



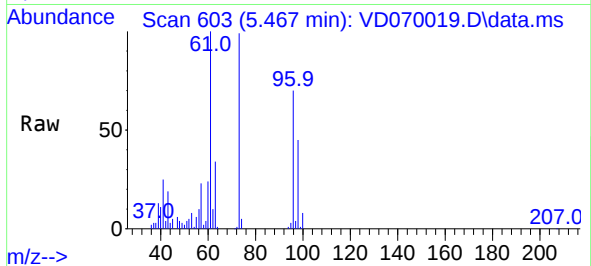
Tgt Ion: 84 Resp: 186788
Ion Ratio Lower Upper
84 100
49 115.2 92.4 138.6
51 36.3 28.5 42.7
86 60.4 48.2 72.4





#21
trans-1,2-Dichloroethene
Concen: 21.082 ug/l
RT: 5.467 min Scan# 603
Delta R.T. -0.006 min
Lab File: VD070019.D
Acq: 11 Aug 2021 13:11

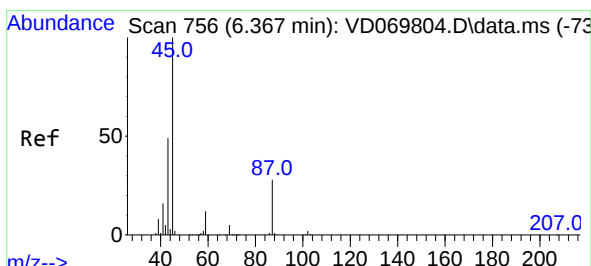
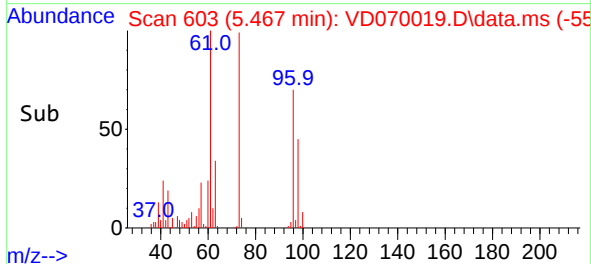
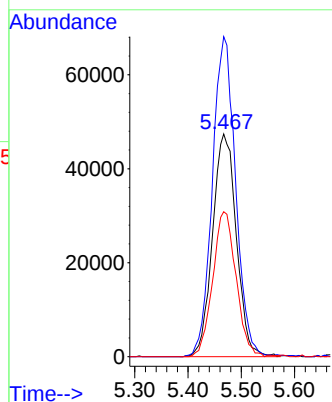
Instrument :
MSVOA_D
ClientSampleId :
VD0811SBS01



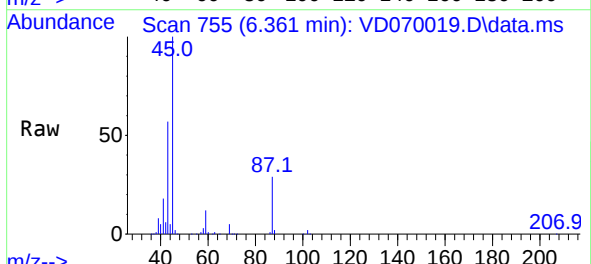
Tgt Ion: 96 Resp: 147206
Ion Ratio Lower Upper
96 100
61 143.7 107.0 160.6
98 65.1 52.3 78.5

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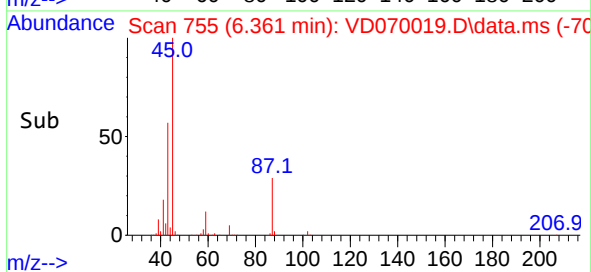
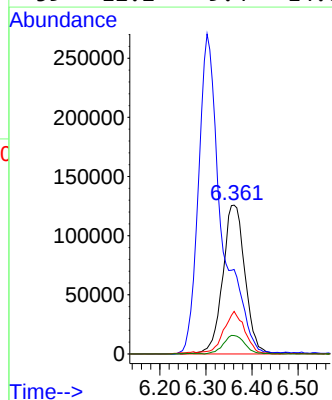
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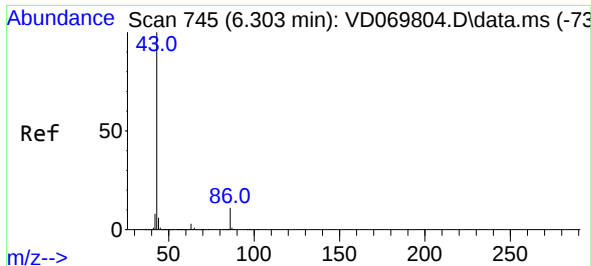


#22
Diisopropyl ether
Concen: 22.274 ug/l
RT: 6.361 min Scan# 755
Delta R.T. -0.006 min
Lab File: VD070019.D
Acq: 11 Aug 2021 13:11



Tgt Ion: 45 Resp: 420509
Ion Ratio Lower Upper
45 100
43 55.8 39.2 58.8
87 28.7 22.3 33.5
59 12.2 9.4 14.0





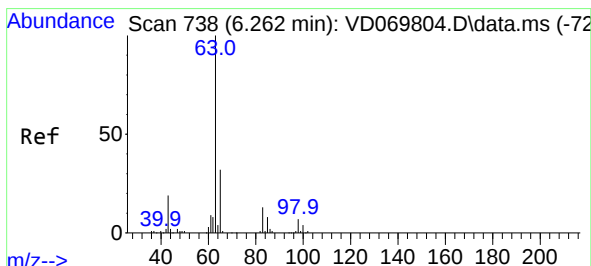
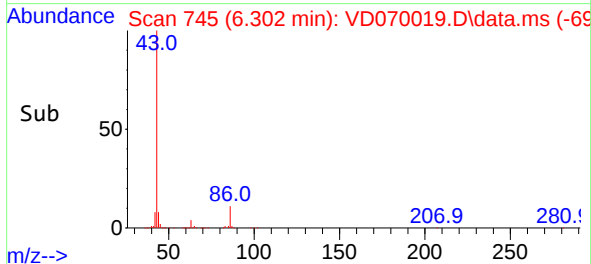
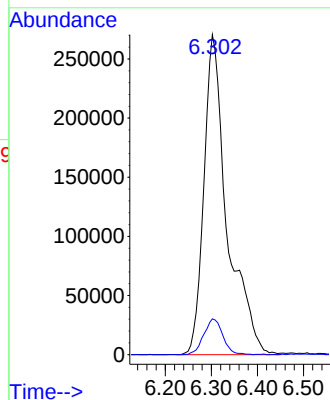
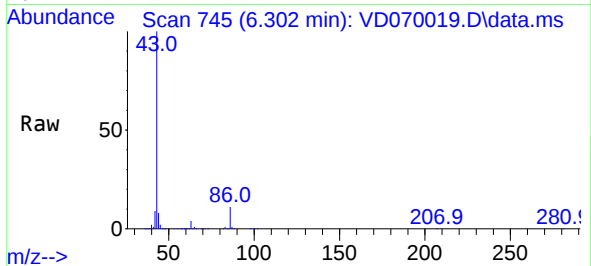
#23
 Vinyl Acetate
 Concen: 104.426 ug/l
 RT: 6.302 min Scan# 745
 Delta R.T. -0.001 min
 Lab File: VD070019.D
 Acq: 11 Aug 2021 13:11

Tgt Ion: 43 Resp: 950522
 Ion Ratio Lower Upper
 43 100
 86 11.2 8.6 13.0

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0811SBS01

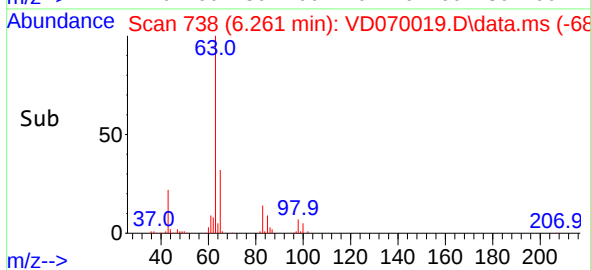
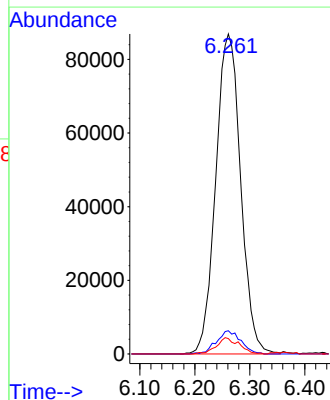
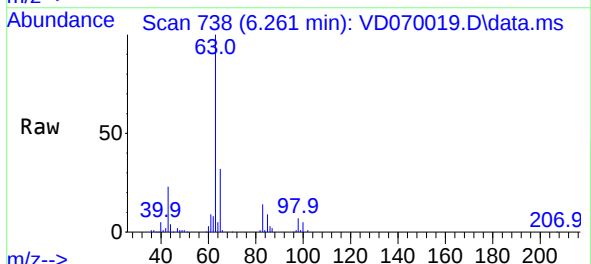
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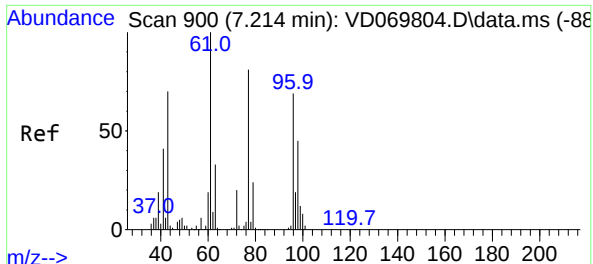
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#24
 1,1-Dichloroethane
 Concen: 20.971 ug/l
 RT: 6.261 min Scan# 738
 Delta R.T. -0.000 min
 Lab File: VD070019.D
 Acq: 11 Aug 2021 13:11

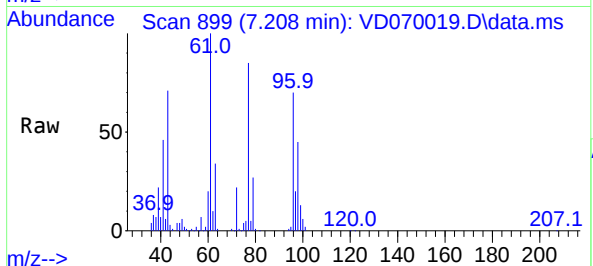
Tgt Ion: 63 Resp: 273453
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.6 10.8
 100 4.8 2.2 6.6





#25
2-Butanone
Concen: 110.602 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.006 min
Lab File: VD070019.D
Acq: 11 Aug 2021 13:11

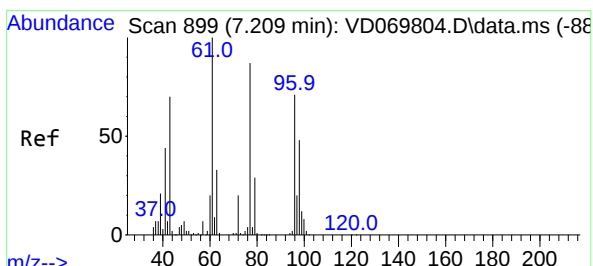
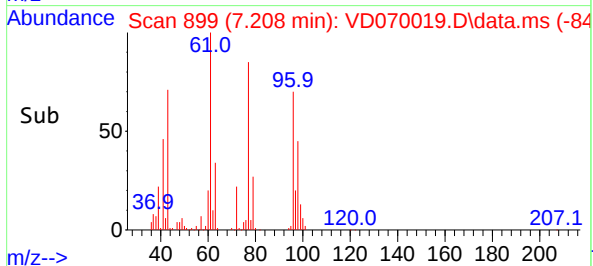
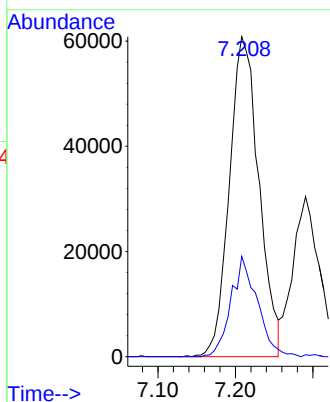
Instrument :
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ClientSampleId :
VD0811SBS01



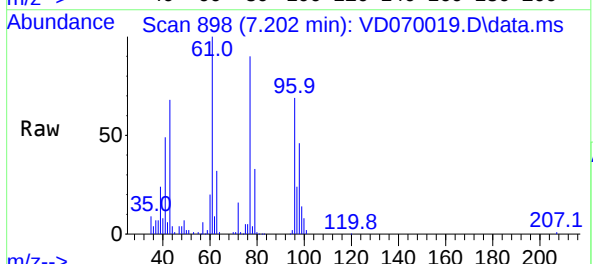
Tgt Ion: 43 Resp: 161392
Ion Ratio Lower Upper
43 100
72 31.4 22.8 34.2

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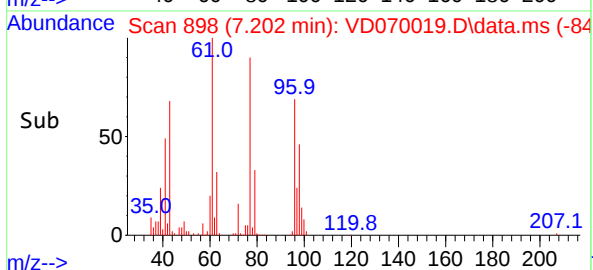
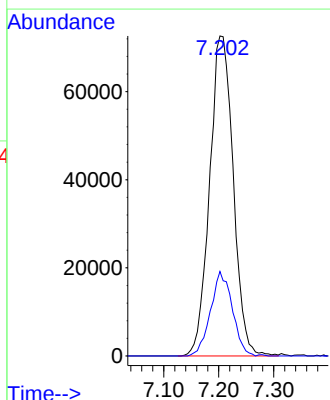
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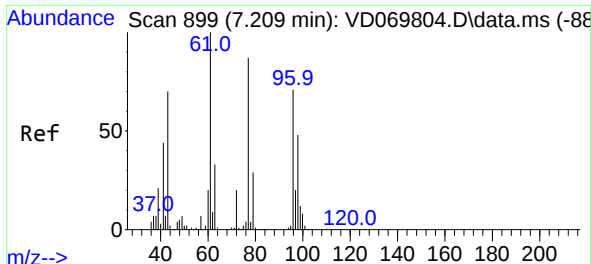


#26
2,2-Dichloropropane
Concen: 21.884 ug/l
RT: 7.202 min Scan# 898
Delta R.T. -0.006 min
Lab File: VD070019.D
Acq: 11 Aug 2021 13:11



Tgt Ion: 77 Resp: 216984
Ion Ratio Lower Upper
77 100
97 24.3 11.9 35.7





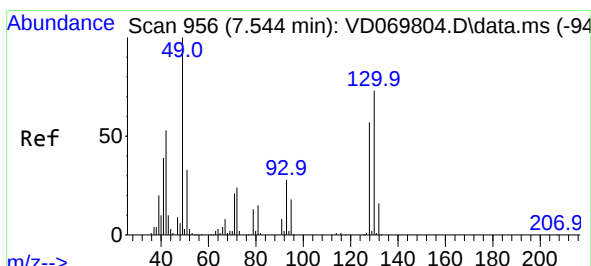
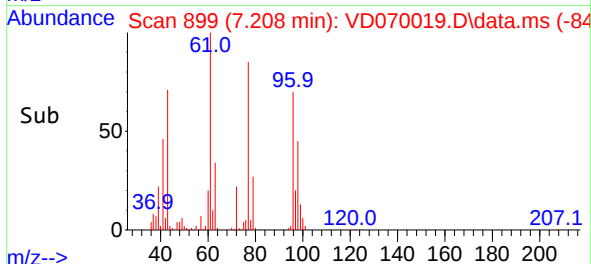
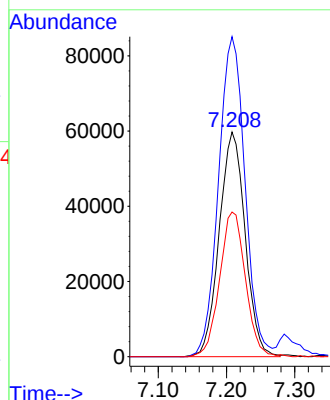
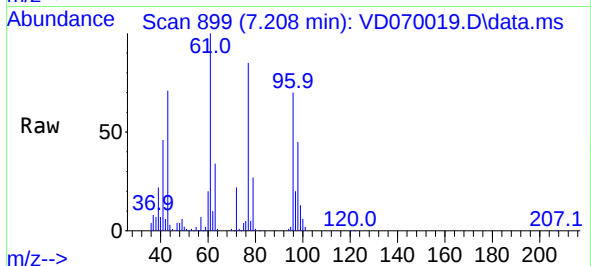
#27
cis-1,2-Dichloroethene
Concen: 21.226 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.000 min
Lab File: VD070019.D
Acq: 11 Aug 2021 13:11

Tgt Ion: 96 Resp: 158153
Ion Ratio Lower Upper
96 100
61 145.6 0.0 291.6
98 64.2 0.0 132.0

Instrument :
MSVOA_D
ClientSampleId :
VD0811SBS01

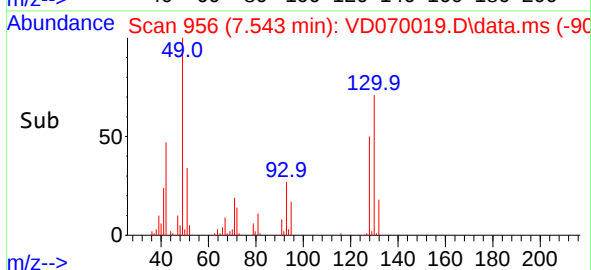
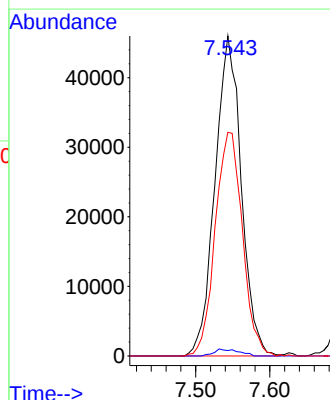
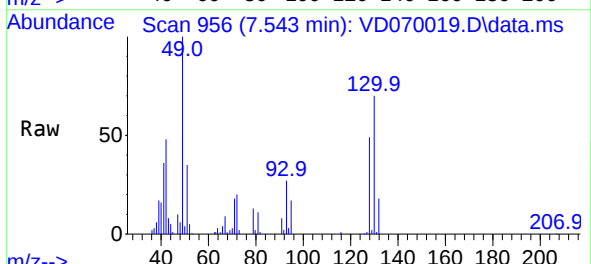
Manual Integrations
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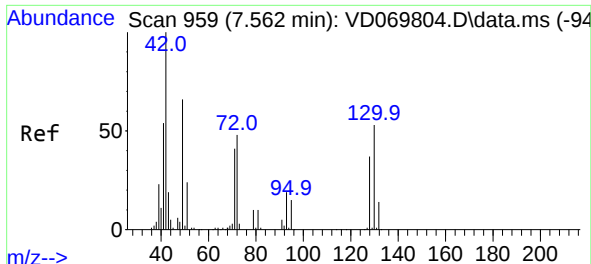
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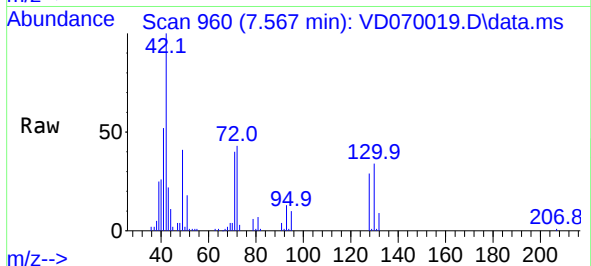
#28
Bromochloromethane
Concen: 22.883 ug/l
RT: 7.543 min Scan# 956
Delta R.T. -0.000 min
Lab File: VD070019.D
Acq: 11 Aug 2021 13:11

Tgt Ion: 49 Resp: 113287
Ion Ratio Lower Upper
49 100
129 2.0 0.0 4.2
130 72.4 59.6 89.4

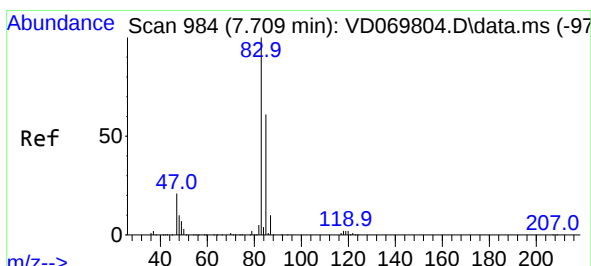
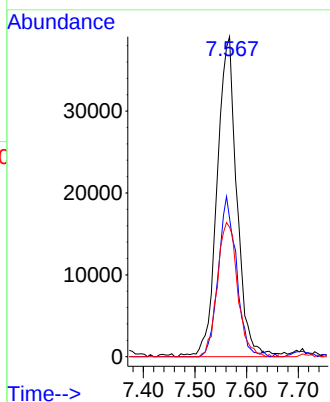
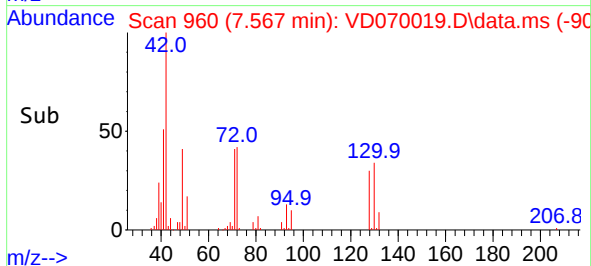




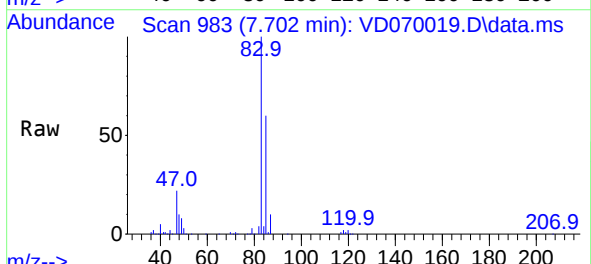
#29
Tetrahydrofuran
Concen: 109.695 ug/l
RT: 7.567 min Scan# 960
Delta R.T. 0.005 min
Lab File: VD070019.D
Acq: 11 Aug 2021 13:11



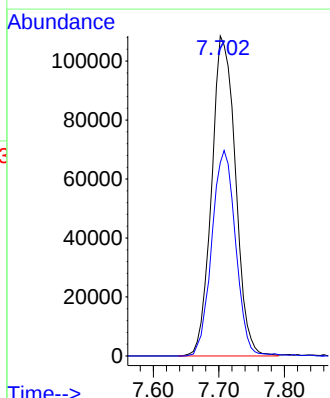
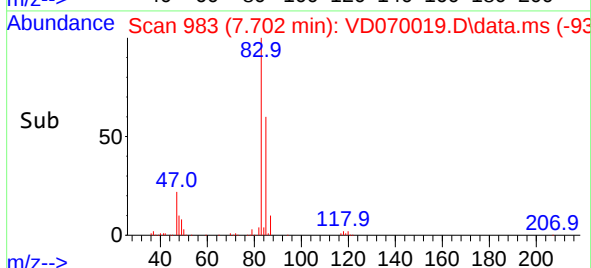
Tgt Ion: 42 Resp: 103560
Ion Ratio Lower Upper
42 100
72 45.7 36.5 54.7
71 42.9 33.5 50.3



#30
Chloroform
Concen: 20.864 ug/l
RT: 7.702 min Scan# 983
Delta R.T. -0.006 min
Lab File: VD070019.D
Acq: 11 Aug 2021 13:11



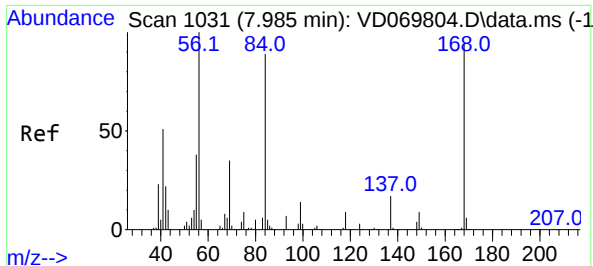
Tgt Ion: 83 Resp: 273528
Ion Ratio Lower Upper
83 100
85 60.4 49.1 73.7



Instrument :
MSVOA_D
ClientSampleId :
VD0811SBS01

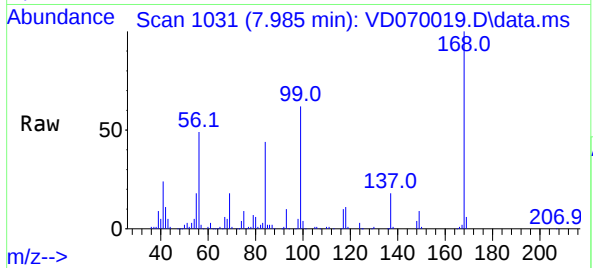
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#31
Cyclohexane
Concen: 21.364 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD070019.D
Acq: 11 Aug 2021 13:11

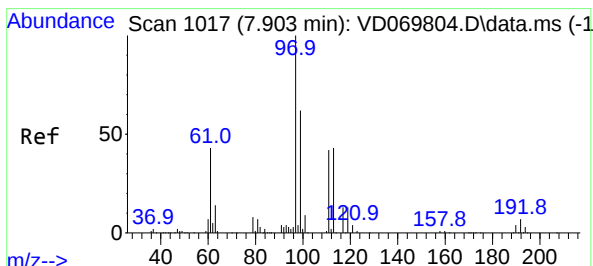
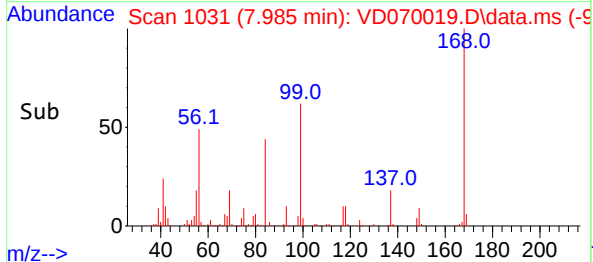
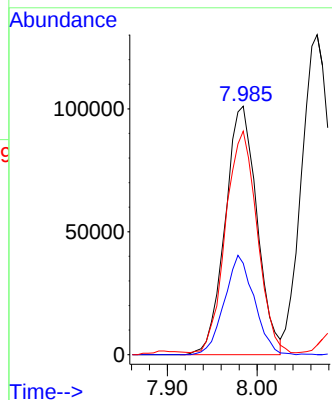
Instrument :
MSVOA_D
ClientSampleId :
VD0811SBS01



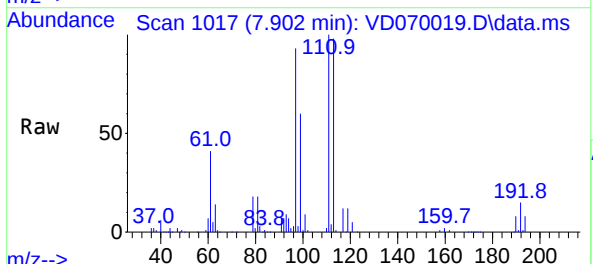
Tgt Ion: 56 Resp: 248645
Ion Ratio Lower Upper
56 100
69 36.8 27.9 41.9
84 88.6 71.4 107.2

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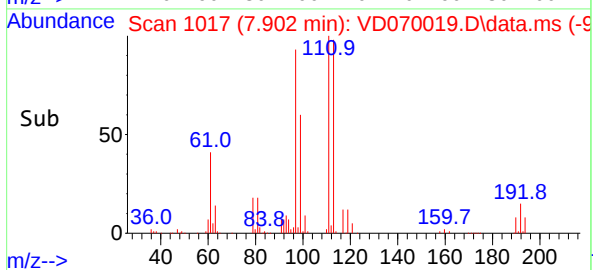
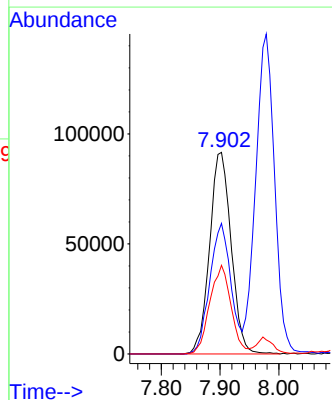
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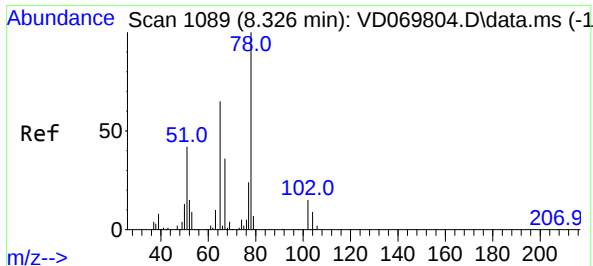


#32
1,1,1-Trichloroethane
Concen: 21.493 ug/l
RT: 7.902 min Scan# 1017
Delta R.T. -0.000 min
Lab File: VD070019.D
Acq: 11 Aug 2021 13:11



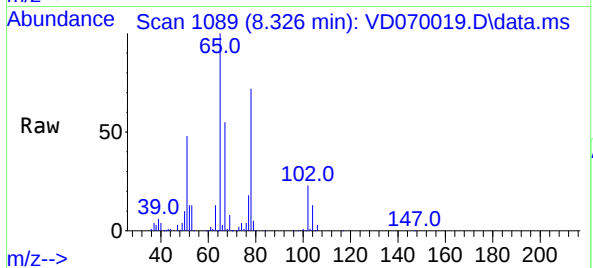
Tgt Ion: 97 Resp: 233231
Ion Ratio Lower Upper
97 100
99 63.8 50.8 76.2
61 43.4 34.5 51.7





#33
1,2-Dichloroethane-d4
Concen: 46.228 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070019.D
Acq: 11 Aug 2021 13:11

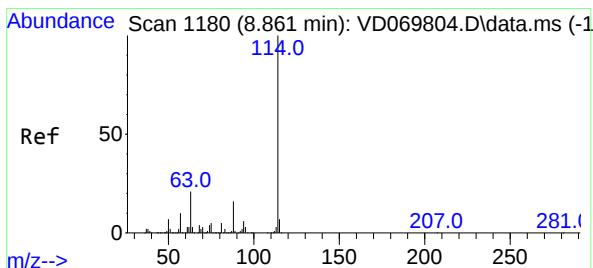
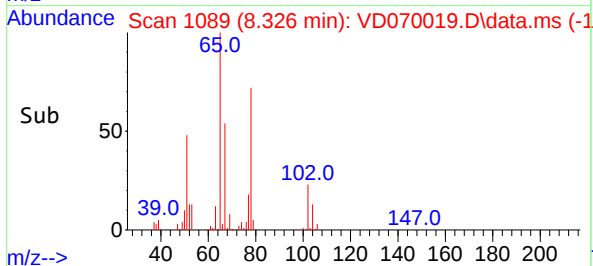
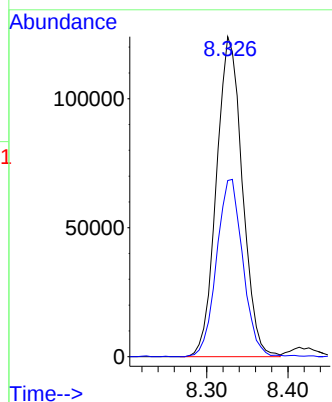
Instrument :
MSVOA_D
ClientSampleId :
VD0811SBS01



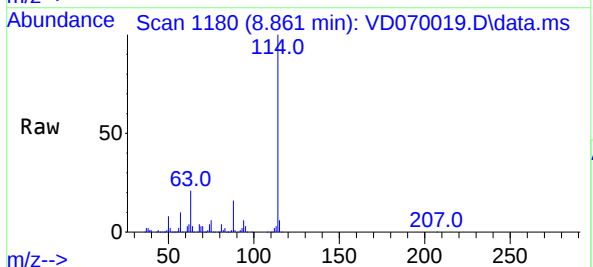
Tgt Ion: 65 Resp: 275360
Ion Ratio Lower Upper
65 100
67 56.1 0.0 111.2

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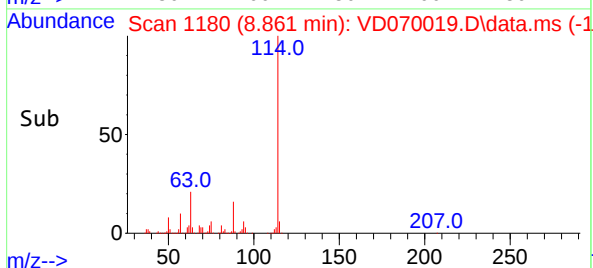
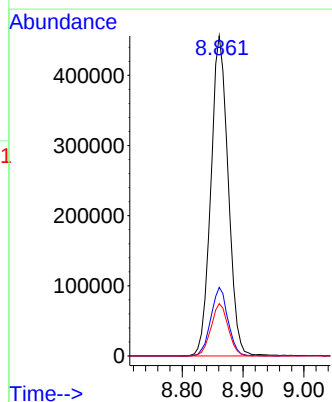
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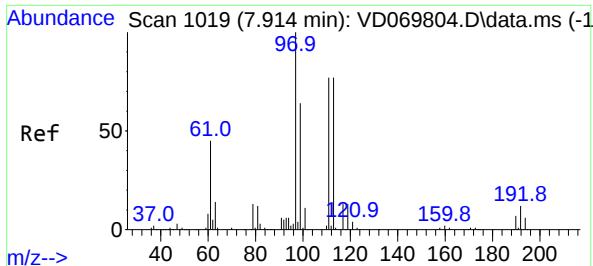


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070019.D
Acq: 11 Aug 2021 13:11

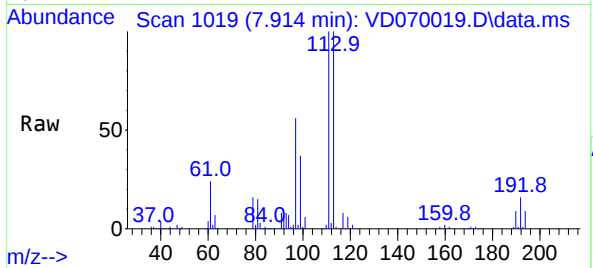


Tgt Ion: 114 Resp: 900107
Ion Ratio Lower Upper
114 100
63 21.4 0.0 41.6
88 16.3 0.0 31.4

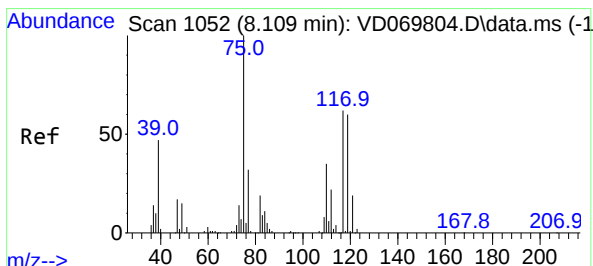
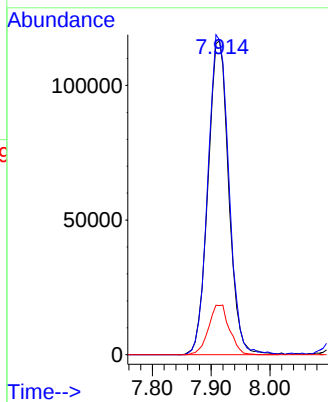
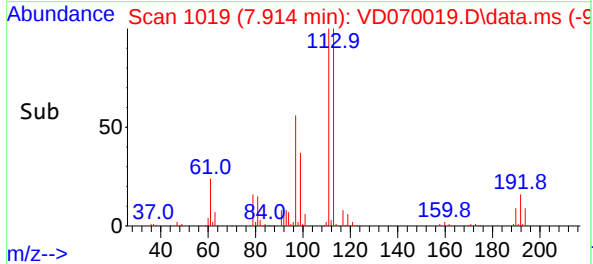




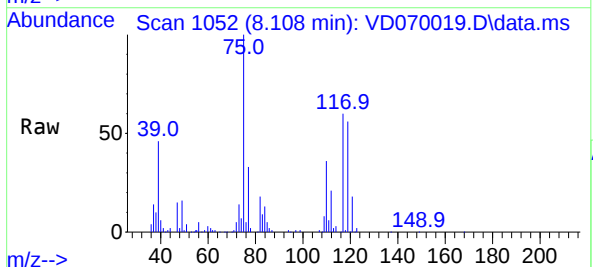
#35
Dibromofluoromethane
Concen: 50.256 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD070019.D
Acq: 11 Aug 2021 13:11



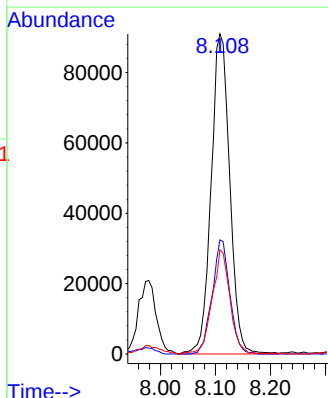
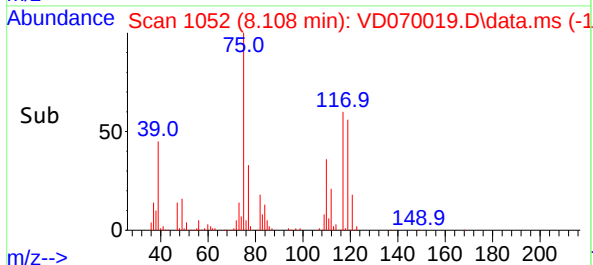
Tgt Ion:113 Resp: 285168
Ion Ratio Lower Upper
113 100
111 103.1 80.5 120.7
192 15.9 12.6 19.0



#36
1,1-Dichloropropene
Concen: 22.086 ug/l
RT: 8.108 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VD070019.D
Acq: 11 Aug 2021 13:11



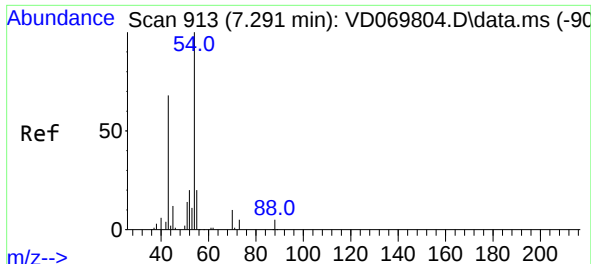
Tgt Ion: 75 Resp: 214535
Ion Ratio Lower Upper
75 100
110 33.7 16.9 50.7
77 31.1 24.9 37.3



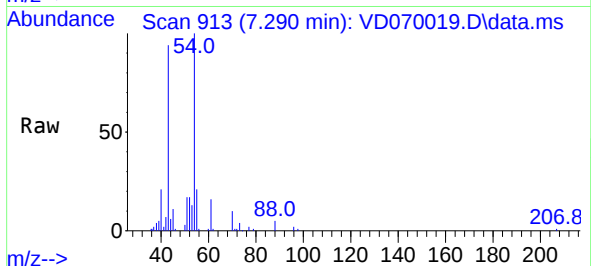
Instrument :
MSVOA_D
ClientSampleId :
VD0811SBS01

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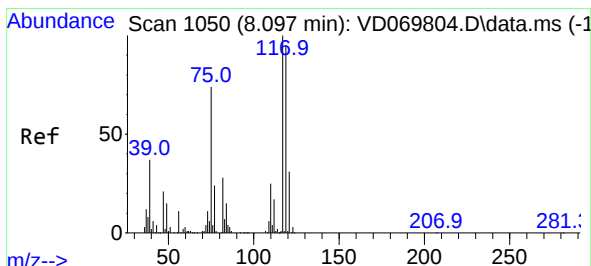
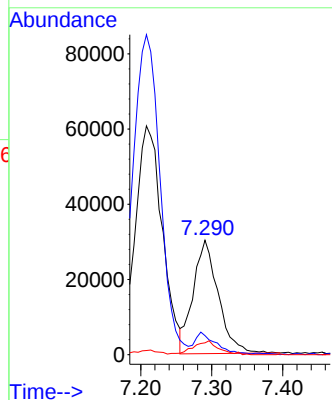
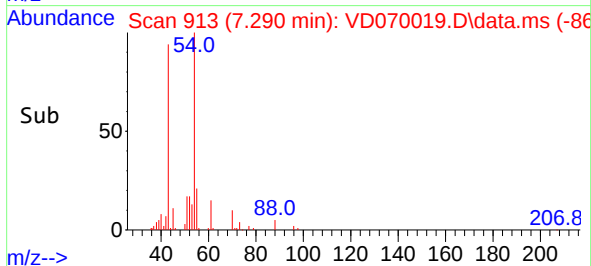
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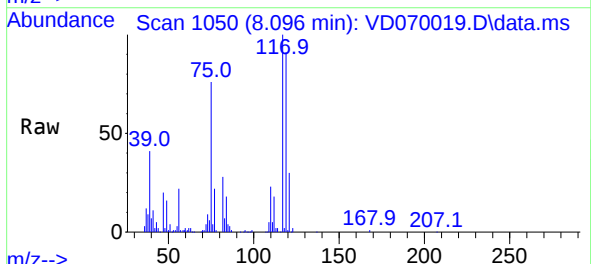
#37
Ethyl Acetate
Concen: 20.987 ug/l
RT: 7.290 min Scan# 913
Delta R.T. -0.000 min
Lab File: VD070019.D
Acq: 11 Aug 2021 13:11



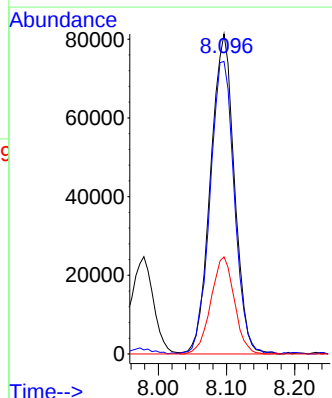
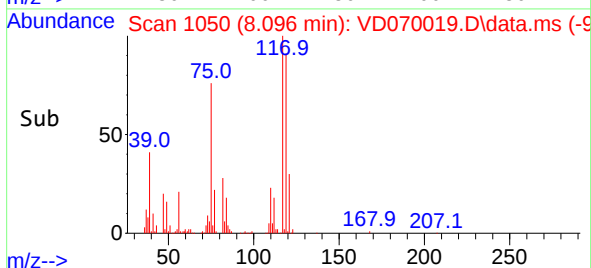
Tgt Ion: 43 Resp: 74215
Ion Ratio Lower Upper
43 100
61 15.5 11.8 17.8
70 12.0 8.9 13.3



#38
Carbon Tetrachloride
Concen: 22.303 ug/l
RT: 8.096 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VD070019.D
Acq: 11 Aug 2021 13:11



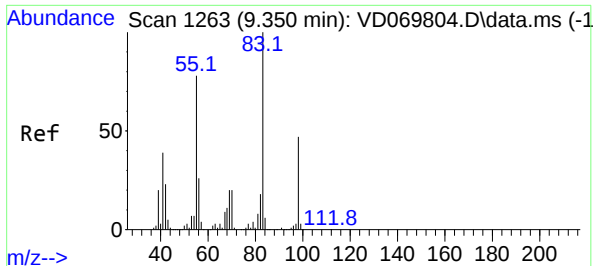
Tgt Ion: 117 Resp: 197894
Ion Ratio Lower Upper
117 100
119 91.4 76.2 114.2
121 30.4 24.5 36.7



Instrument :
MSVOA_D
ClientSampleId :
VD0811SBS01

Manual Integrations
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8/12/2021 4:50:40 PM



#39

Methylcyclohexane

Concen: 21.497 ug/l

RT: 9.355 min Scan# 1264

Delta R.T. 0.005 min

Lab File: VD070019.D

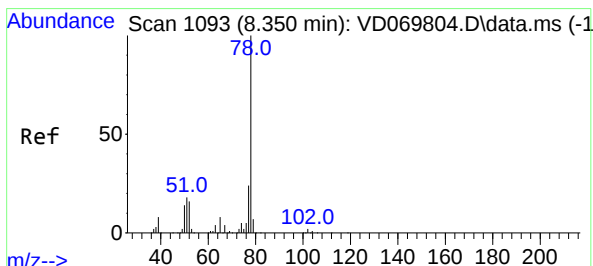
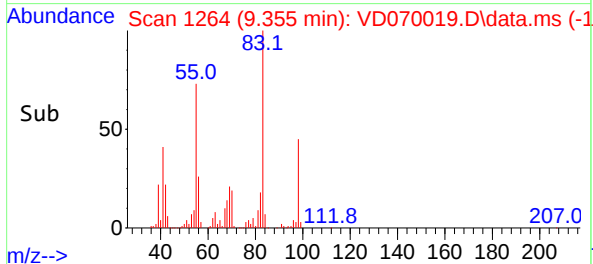
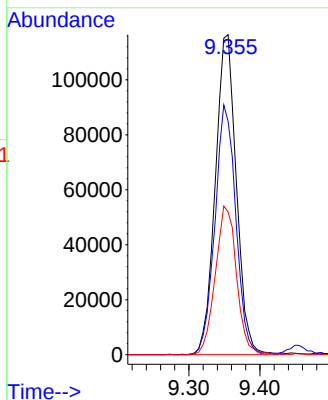
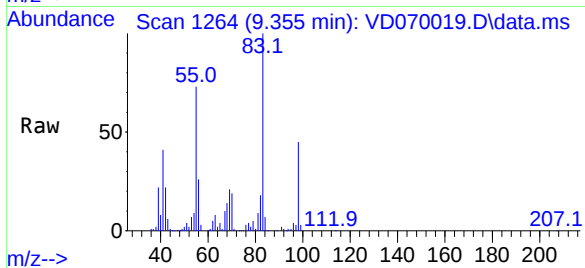
Acq: 11 Aug 2021 13:11

Tgt Ion:	83	Resp:	239149
Ion	Ratio	Lower	Upper
83	100		
55	72.9	62.2	93.2
98	44.6	37.8	56.8

Instrument :
MSVOA_D
ClientSampleId :
VD0811SBS01

Manual Integrations
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8/12/2021 4:50:40 PM



#40

Benzene

Concen: 21.716 ug/l

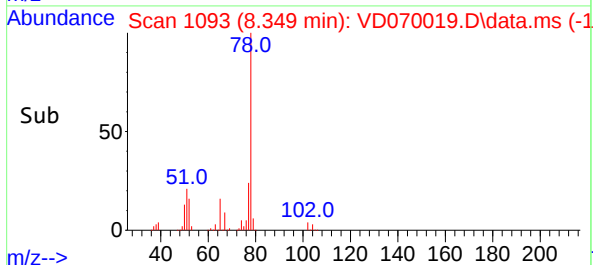
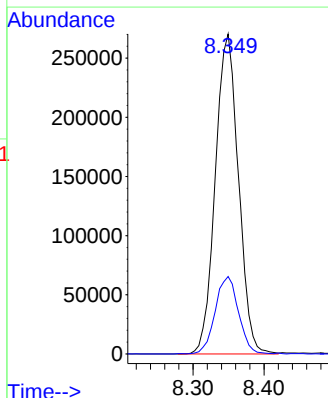
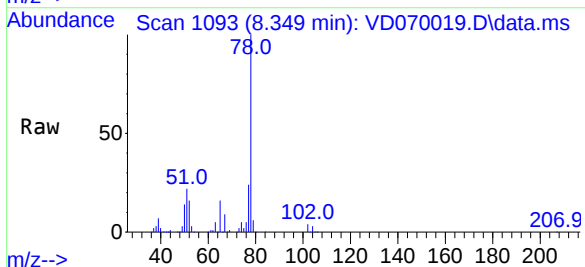
RT: 8.349 min Scan# 1093

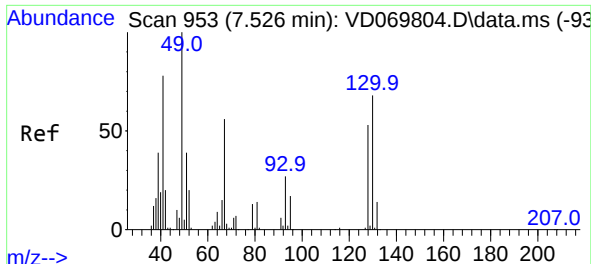
Delta R.T. -0.000 min

Lab File: VD070019.D

Acq: 11 Aug 2021 13:11

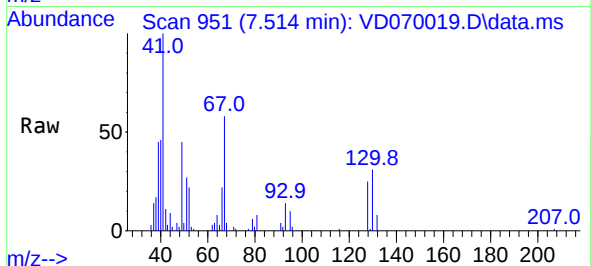
Tgt Ion:	78	Resp:	611106
Ion	Ratio	Lower	Upper
78	100		
77	24.1	19.4	29.0





#41
Methacrylonitrile
Concen: 24.284 ug/l m
RT: 7.514 min Scan# 951
Delta R.T. -0.012 min
Lab File: VD070019.D
Acq: 11 Aug 2021 13:11

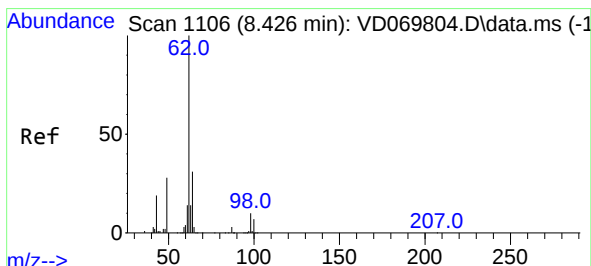
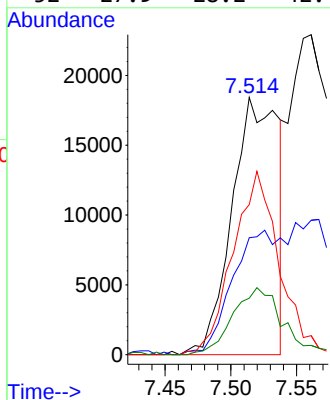
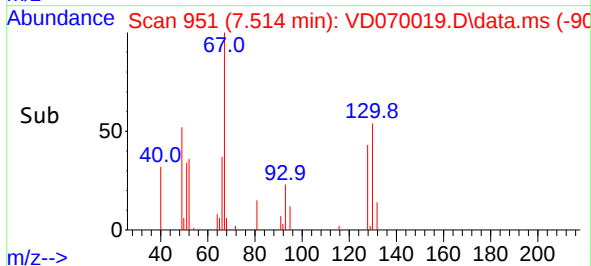
Instrument :
MSVOA_D
ClientSampleId :
VD0811SBS01



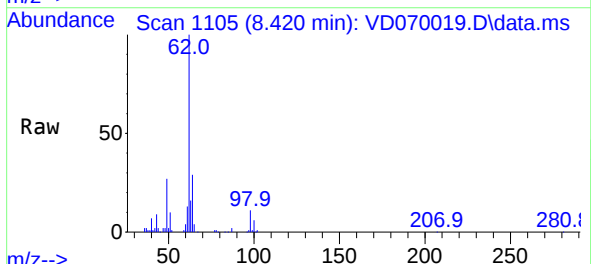
Tgt Ion: 41 Resp: 45066
Ion Ratio Lower Upper
41 100
39 42.7 46.7 70.1#
67 71.8 69.3 103.9
52 27.9 28.2 42.4#

Manual Integrations
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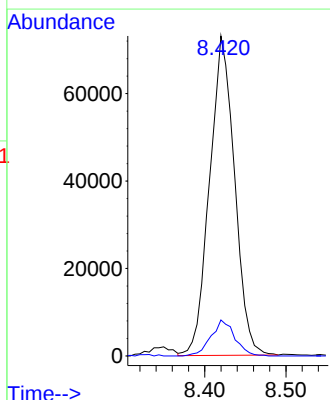
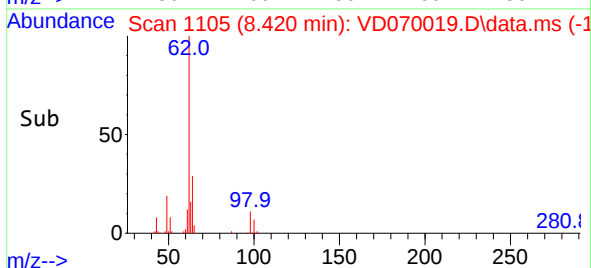
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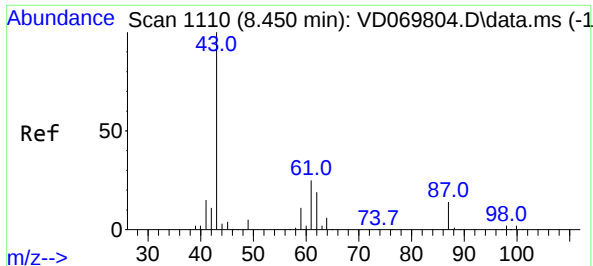


#42
1,2-Dichloroethane
Concen: 21.009 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. -0.006 min
Lab File: VD070019.D
Acq: 11 Aug 2021 13:11



Tgt Ion: 62 Resp: 156358
Ion Ratio Lower Upper
62 100
98 10.8 0.0 20.4





#43
Isopropyl Acetate
Concen: 22.213 ug/l
RT: 8.449 min Scan# 1110
Delta R.T. -0.000 min
Lab File: VD070019.D
Acq: 11 Aug 2021 13:11

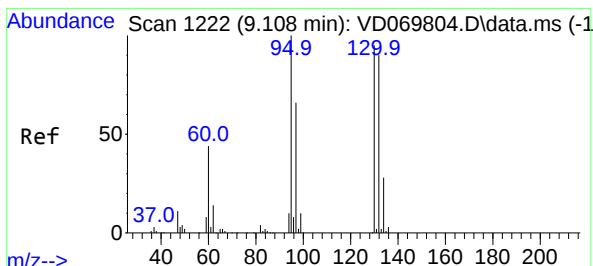
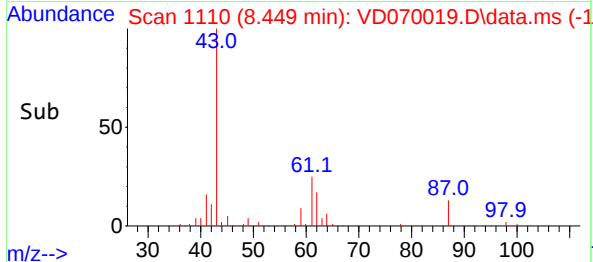
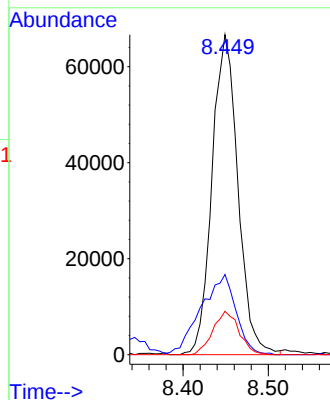
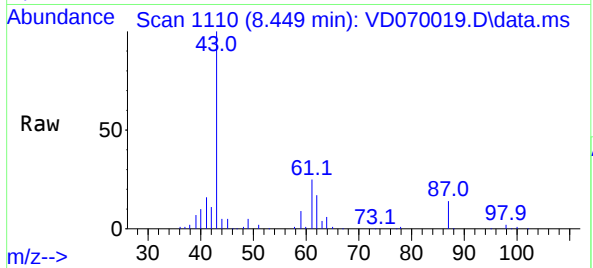
Tgt Ion: 43 Resp: 140878

Ion	Ratio	Lower	Upper
43	100		
61	34.0	27.8	41.6
87	13.7	11.3	16.9

Instrument :
MSVOA_D
ClientSampleId :
VD0811SBS01

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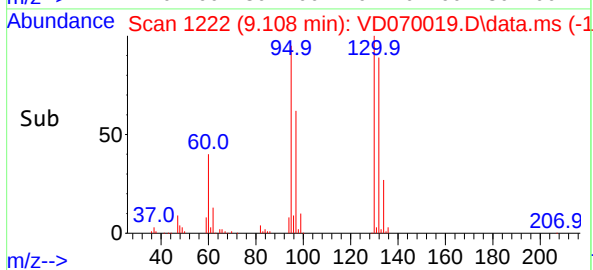
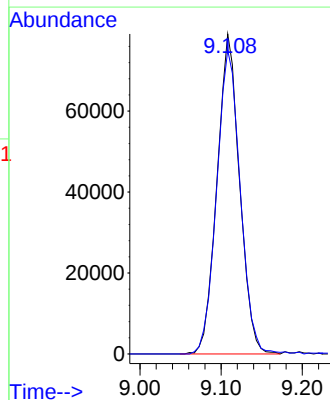
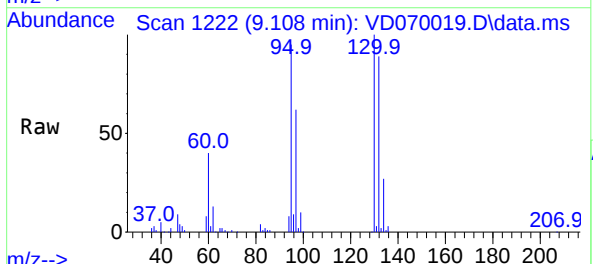
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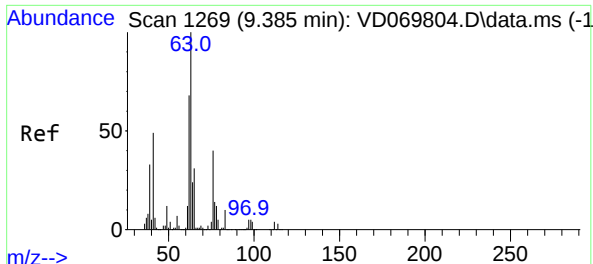


#44
Trichloroethene
Concen: 22.026 ug/l
RT: 9.108 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VD070019.D
Acq: 11 Aug 2021 13:11

Tgt Ion:130 Resp: 152644

Ion	Ratio	Lower	Upper
130	100		
95	95.0	0.0	210.8





#45

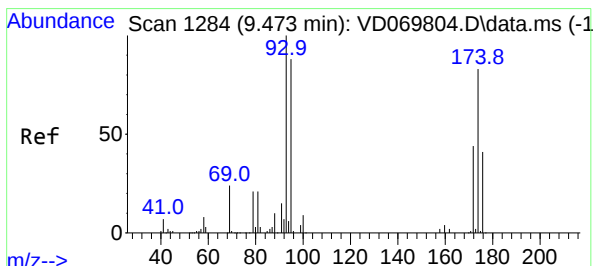
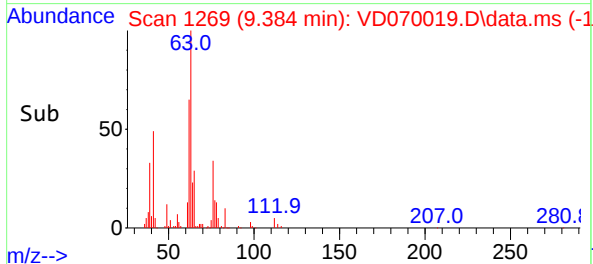
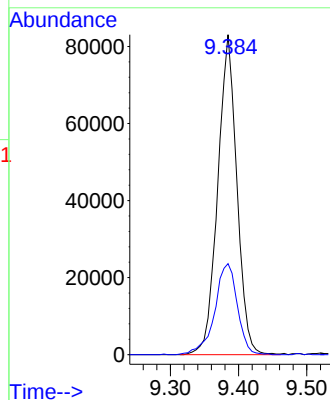
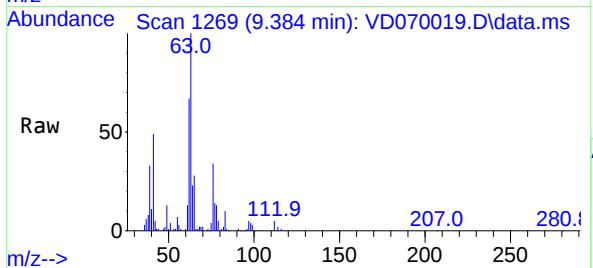
1,2-Dichloropropane
Concen: 21.957 ug/l
RT: 9.384 min Scan# 1269
Delta R.T. -0.001 min
Lab File: VD070019.D
Acq: 11 Aug 2021 13:11

Tgt Ion: 63 Resp: 162306
Ion Ratio Lower Upper
63 100
65 28.4 24.9 37.3

Instrument :
MSVOA_D
ClientSampleId :
VD0811SBS01

Manual Integrations
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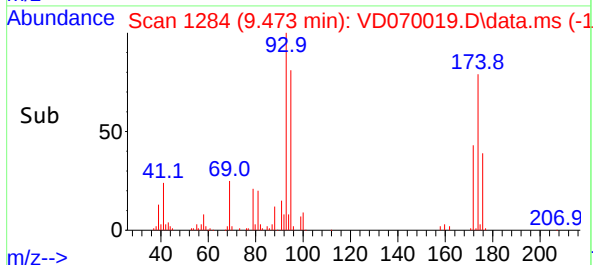
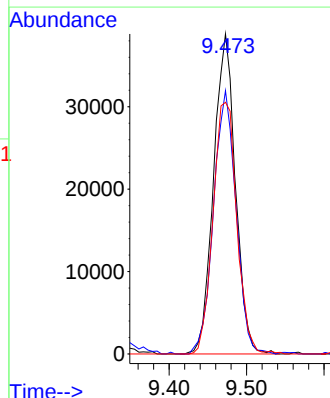
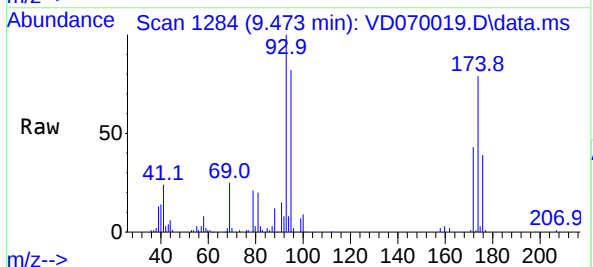
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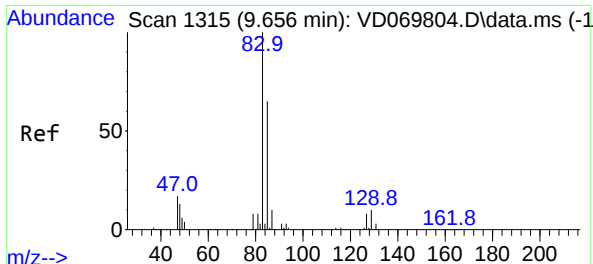


#46

Dibromomethane
Concen: 20.897 ug/l
RT: 9.473 min Scan# 1284
Delta R.T. -0.001 min
Lab File: VD070019.D
Acq: 11 Aug 2021 13:11

Tgt Ion: 93 Resp: 75929
Ion Ratio Lower Upper
93 100
95 84.8 67.5 101.3
174 85.7 66.3 99.5





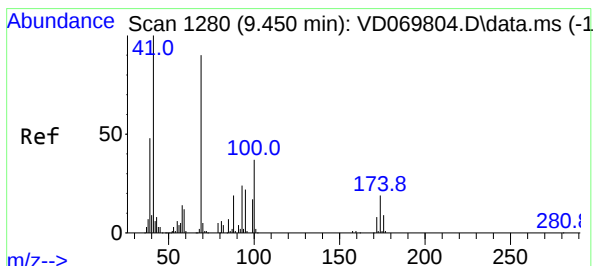
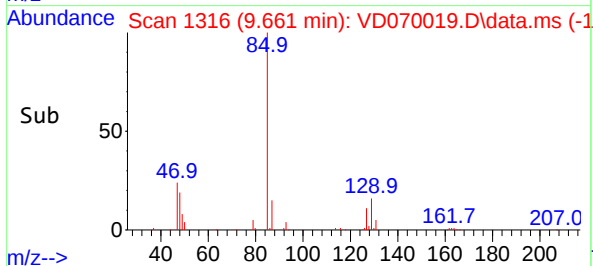
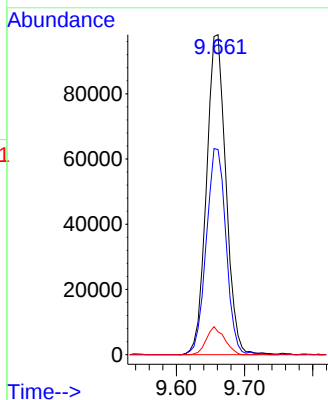
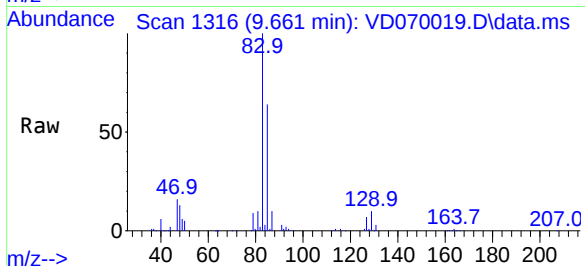
#47
Bromodichloromethane
Concen: 20.630 ug/l
RT: 9.661 min Scan# 1316
Delta R.T. 0.005 min
Lab File: VD070019.D
Acq: 11 Aug 2021 13:11

Tgt Ion: 83 Resp: 194754
Ion Ratio Lower Upper
83 100
85 64.1 52.0 78.0
127 7.1 6.6 10.0

Instrument :
MSVOA_D
ClientSampleId :
VD0811SBS01

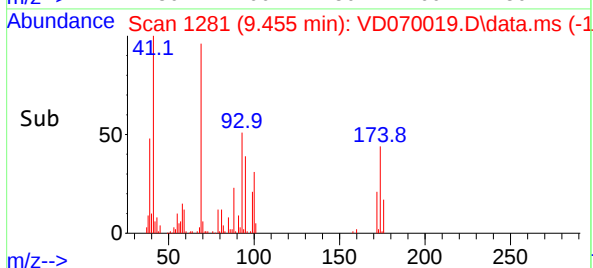
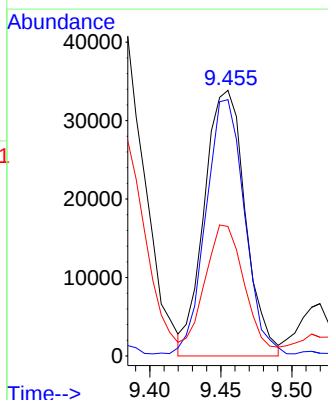
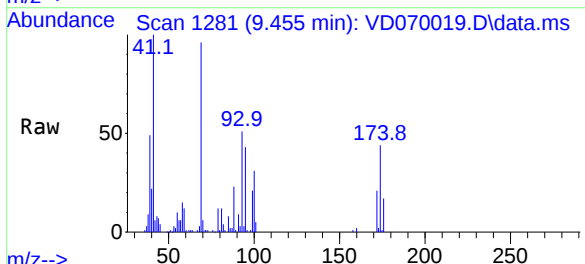
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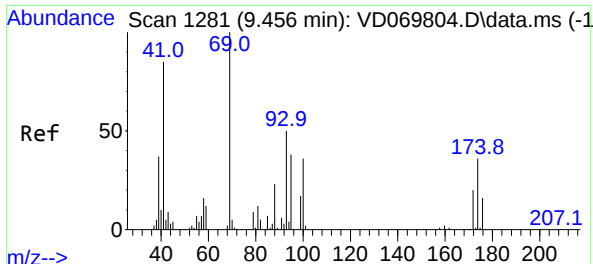
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8/12/2021 4:50:40 PM



#48
Methyl methacrylate
Concen: 21.847 ug/l
RT: 9.455 min Scan# 1281
Delta R.T. 0.005 min
Lab File: VD070019.D
Acq: 11 Aug 2021 13:11

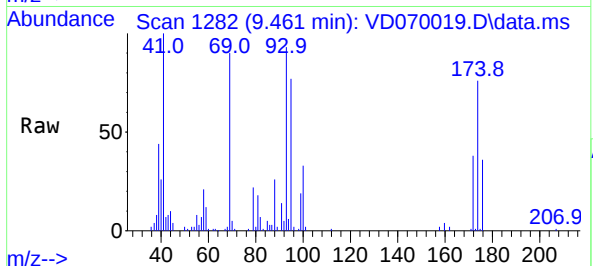
Tgt Ion: 41 Resp: 68248
Ion Ratio Lower Upper
41 100
69 89.9 73.4 110.2
39 42.1 36.6 55.0





#49
1,4-Dioxane
Concen: 429.693 ug/l
RT: 9.461 min Scan# 1282
Delta R.T. 0.005 min
Lab File: VD070019.D
Acq: 11 Aug 2021 13:11

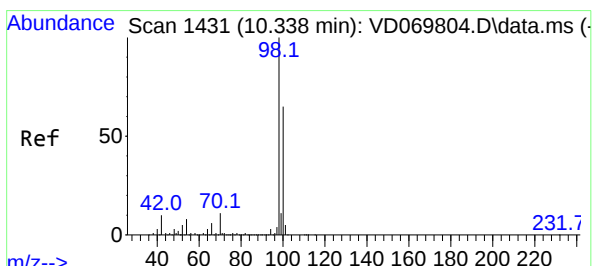
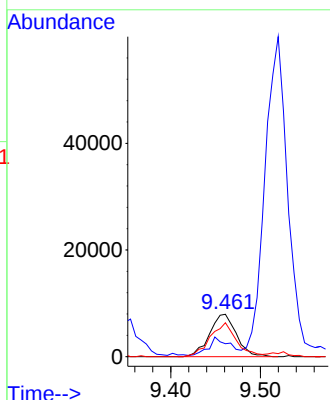
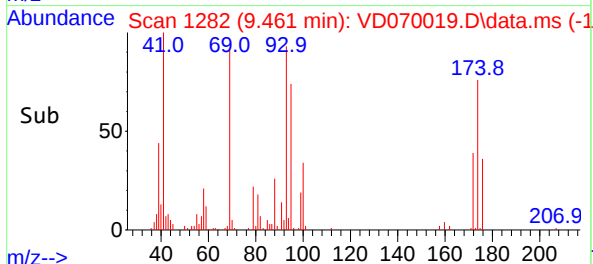
Instrument :
MSVOA_D
ClientSampleId :
VD0811SBS01



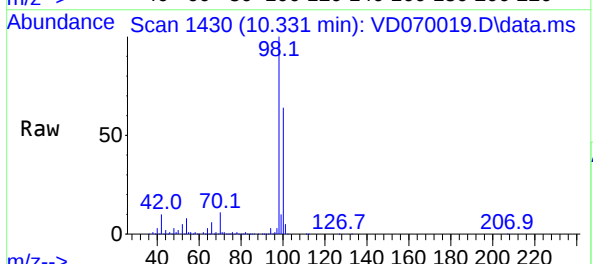
Tgt Ion: 88 Resp: 16495
Ion Ratio Lower Upper
88 100
43 35.2 26.8 40.2
58 78.4 59.8 89.6

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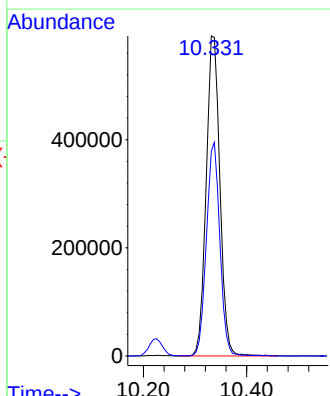
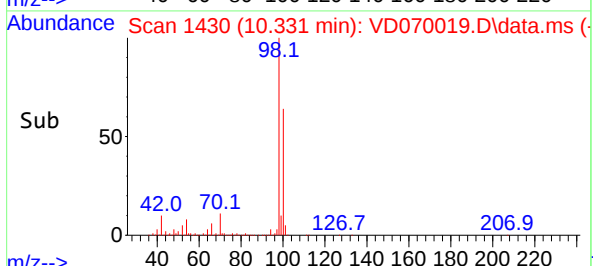
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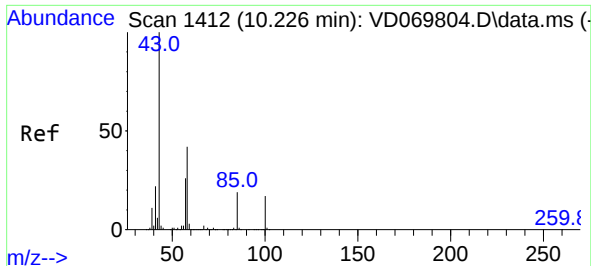


#50
Toluene-d8
Concen: 49.833 ug/l
RT: 10.331 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD070019.D
Acq: 11 Aug 2021 13:11



Tgt Ion: 98 Resp: 1090329
Ion Ratio Lower Upper
98 100
100 65.2 51.9 77.9





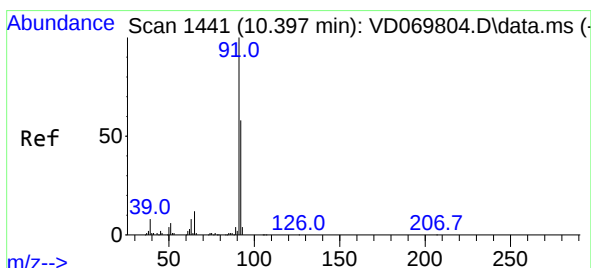
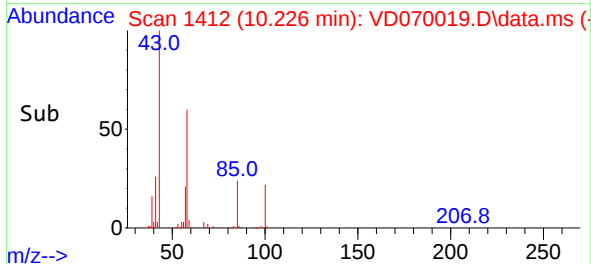
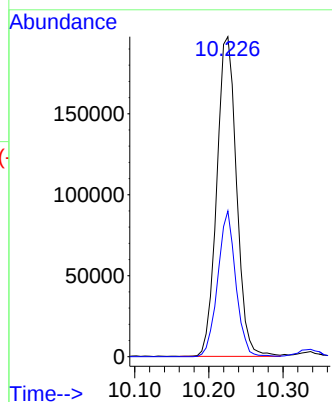
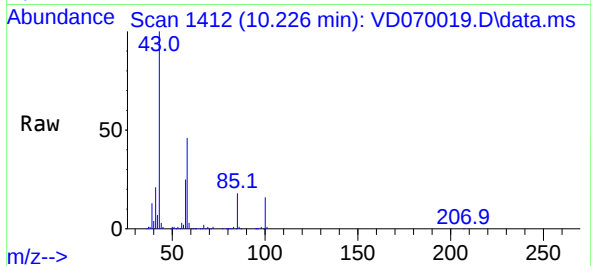
#51
4-Methyl-2-Pentanone
Concen: 110.936 ug/l
RT: 10.226 min Scan# 1412
Delta R.T. -0.001 min
Lab File: VD070019.D
Acq: 11 Aug 2021 13:11

Tgt Ion: 43 Resp: 366124
Ion Ratio Lower Upper
43 100
58 41.6 33.7 50.5

Instrument :
MSVOA_D
ClientSampleId :
VD0811SBS01

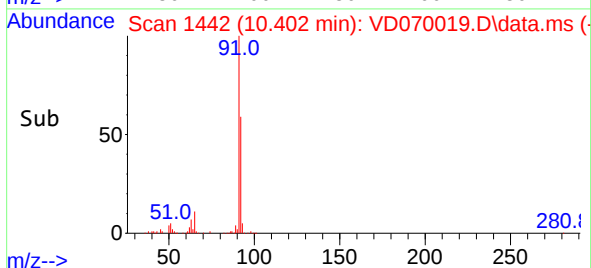
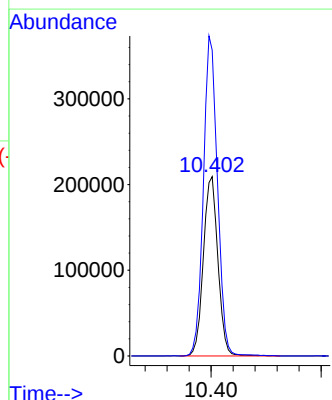
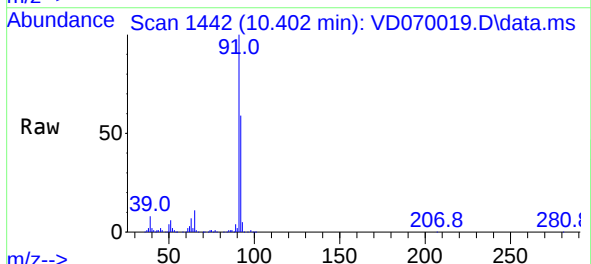
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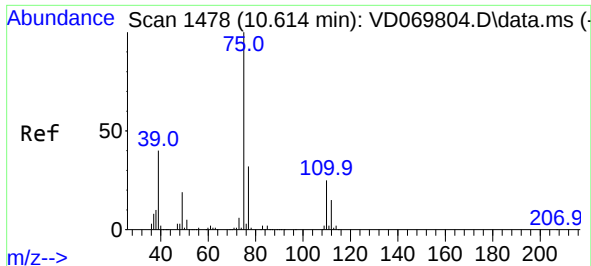
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#52
Toluene
Concen: 22.515 ug/l
RT: 10.402 min Scan# 1442
Delta R.T. 0.005 min
Lab File: VD070019.D
Acq: 11 Aug 2021 13:11

Tgt Ion: 92 Resp: 384345
Ion Ratio Lower Upper
92 100
91 172.8 138.7 208.1



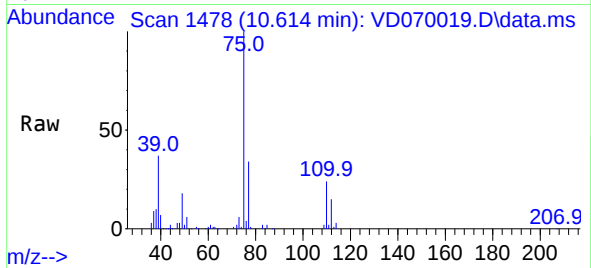


#53
 t-1,3-Dichloropropene
 Concen: 22.644 ug/l
 RT: 10.614 min Scan# 1478
 Delta R.T. -0.000 min
 Lab File: VD070019.D
 Acq: 11 Aug 2021 13:11

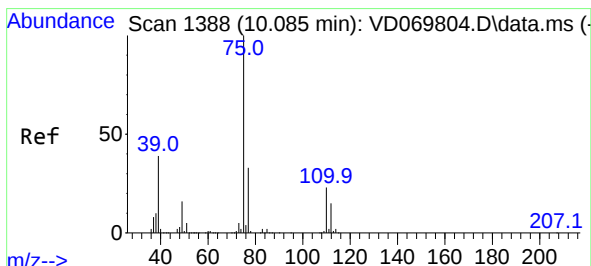
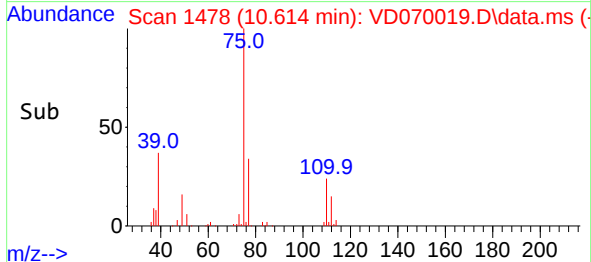
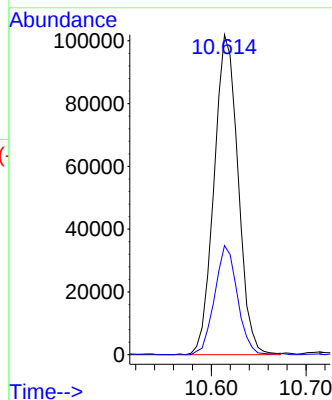
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0811SBS01

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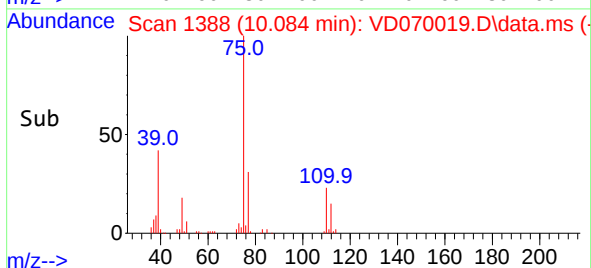
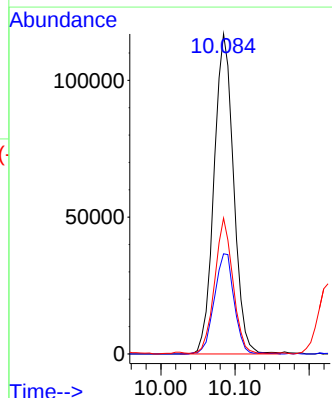
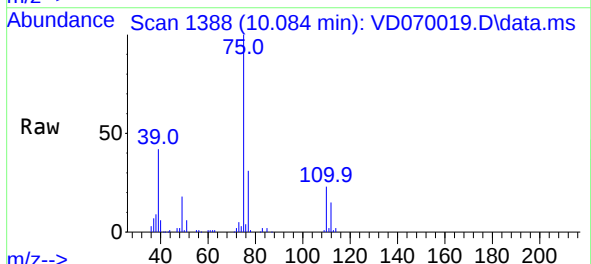


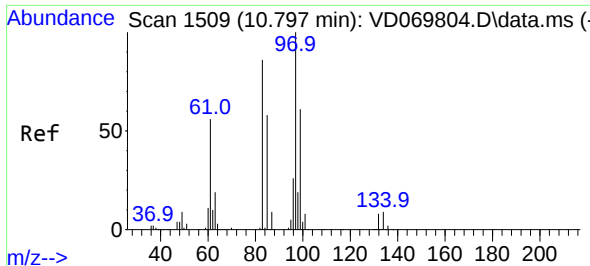
Tgt Ion: 75 Resp: 179426
 Ion Ratio Lower Upper
 75 100
 77 33.8 25.8 38.6



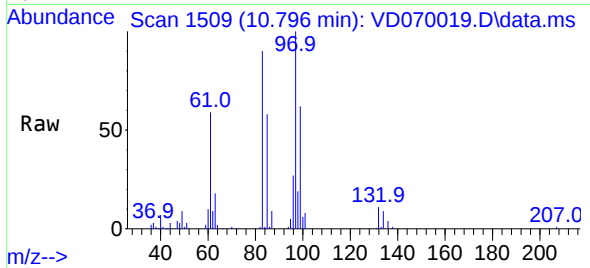
#54
 cis-1,3-Dichloropropene
 Concen: 22.358 ug/l
 RT: 10.084 min Scan# 1388
 Delta R.T. -0.000 min
 Lab File: VD070019.D
 Acq: 11 Aug 2021 13:11

Tgt Ion: 75 Resp: 214486
 Ion Ratio Lower Upper
 75 100
 77 31.3 26.3 39.5
 39 42.1 31.0 46.6

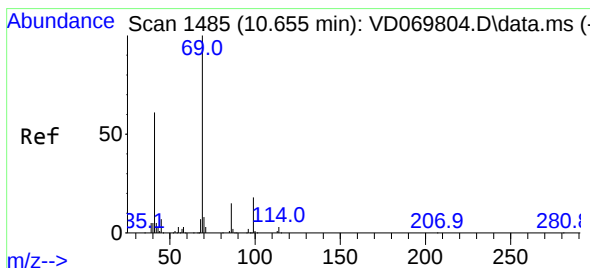
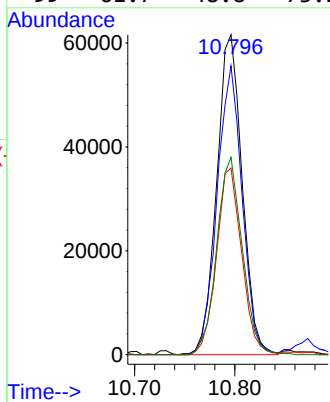
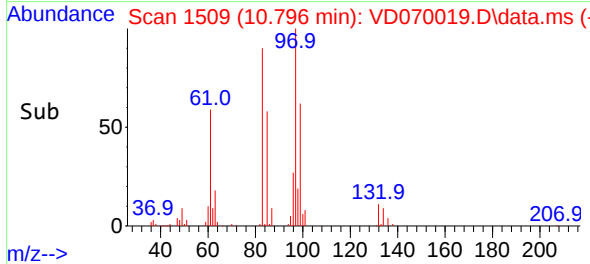




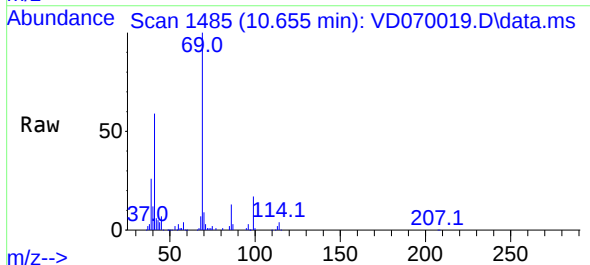
#55
1,1,2-Trichloroethane
Concen: 21.134 ug/l
RT: 10.796 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VD070019.D
Acq: 11 Aug 2021 13:11



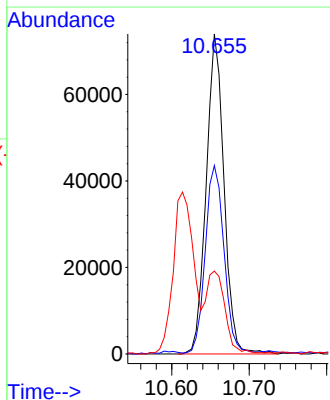
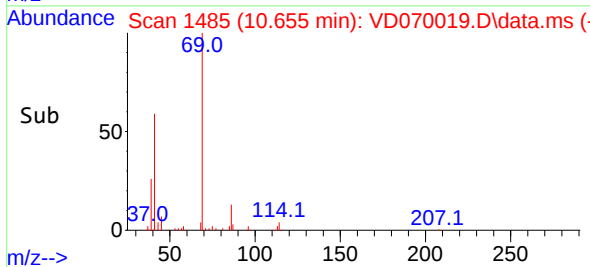
Tgt Ion: 97 Resp: 108459
Ion Ratio Lower Upper
97 100
83 90.2 69.1 103.7
85 58.3 46.2 69.2
99 61.7 48.8 73.2



#56
Ethyl methacrylate
Concen: 21.070 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. -0.000 min
Lab File: VD070019.D
Acq: 11 Aug 2021 13:11



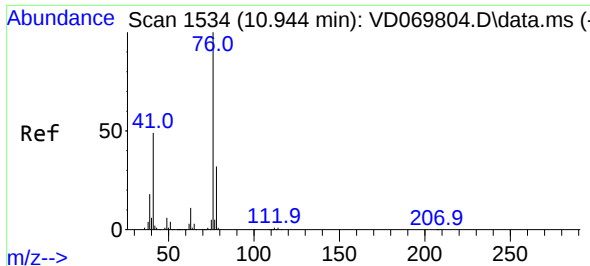
Tgt Ion: 69 Resp: 118178
Ion Ratio Lower Upper
69 100
41 61.4 50.2 75.2
39 27.2 22.0 33.0



Instrument :
MSVOA_D
ClientSampleId :
VD0811SBS01

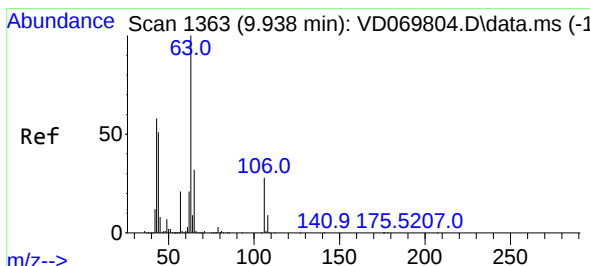
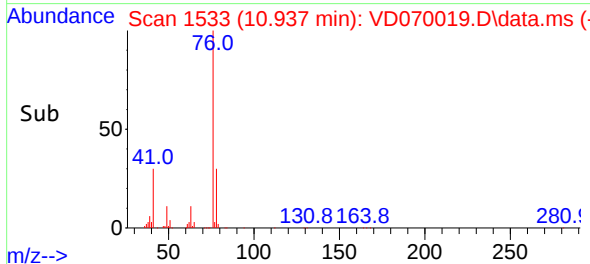
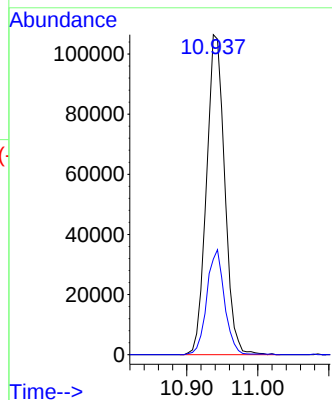
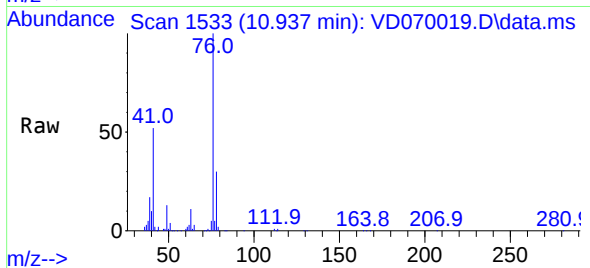
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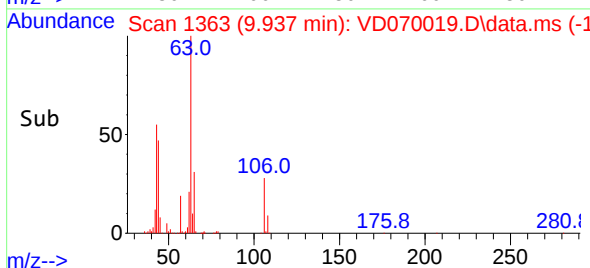
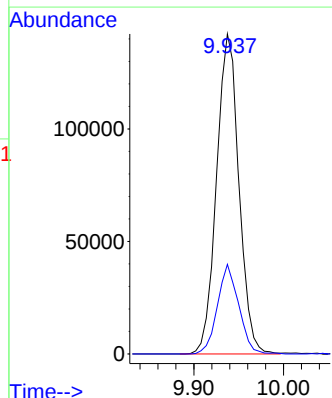
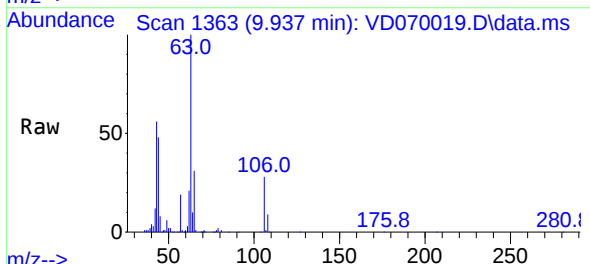
#57
1,3-Dichloropropane
Concen: 21.905 ug/l
RT: 10.937 min Scan# 1533
Delta R.T. -0.006 min
Lab File: VD070019.D
Acq: 11 Aug 2021 13:11

Tgt Ion: 76 Resp: 190224
Ion Ratio Lower Upper
76 100
78 31.9 26.2 39.2



#58
2-Chloroethyl Vinyl ether
Concen: 101.654 ug/l
RT: 9.937 min Scan# 1363
Delta R.T. -0.001 min
Lab File: VD070019.D
Acq: 11 Aug 2021 13:11

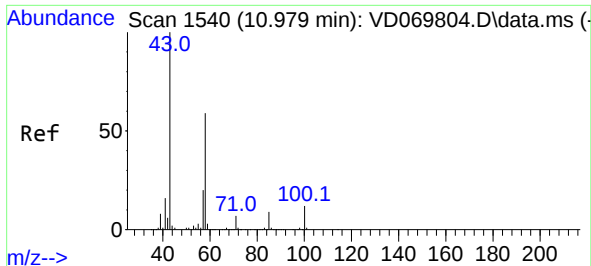
Tgt Ion: 63 Resp: 245992
Ion Ratio Lower Upper
63 100
106 26.6 21.8 32.6



Instrument :
MSVOA_D
ClientSampleId :
VD0811SBS01

Manual Integrations
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8/12/2021 4:50:40 PM



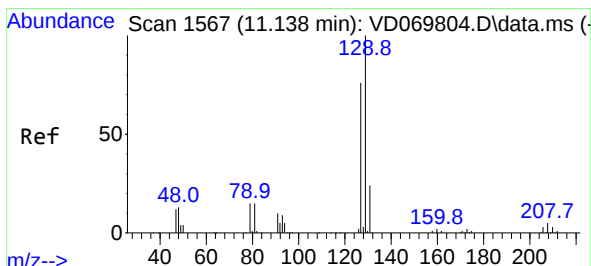
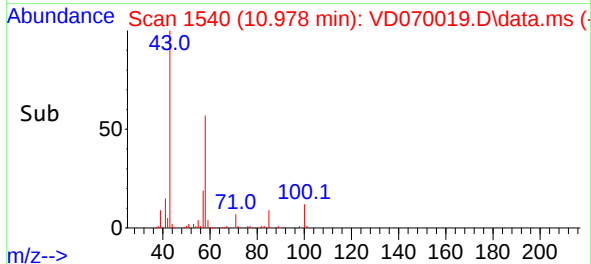
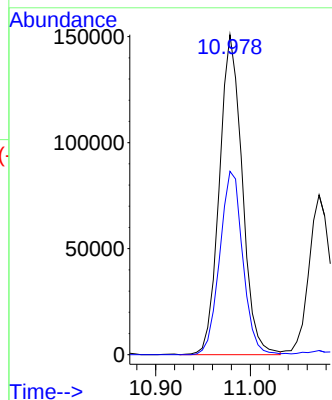
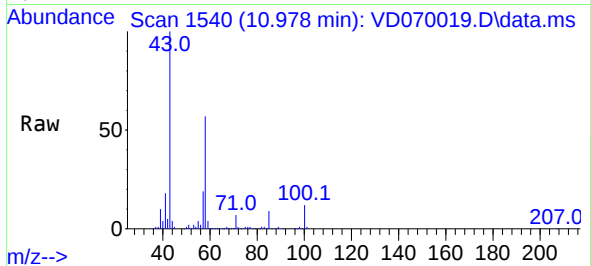
#59
2-Hexanone
Concen: 115.881 ug/l
RT: 10.978 min Scan# 1540
Delta R.T. -0.001 min
Lab File: VD070019.D
Acq: 11 Aug 2021 13:11

Tgt Ion: 43 Resp: 252969
Ion Ratio Lower Upper
43 100
58 58.0 29.4 88.3

Instrument :
MSVOA_D
ClientSampleId :
VD0811SBS01

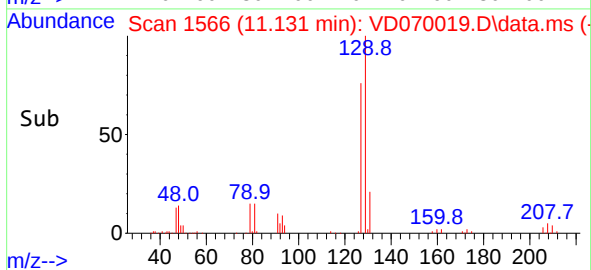
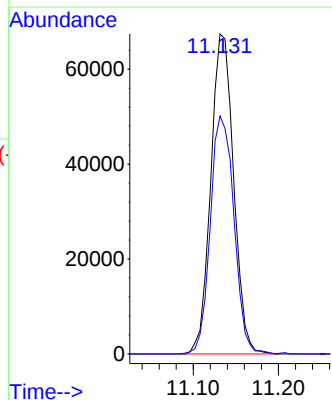
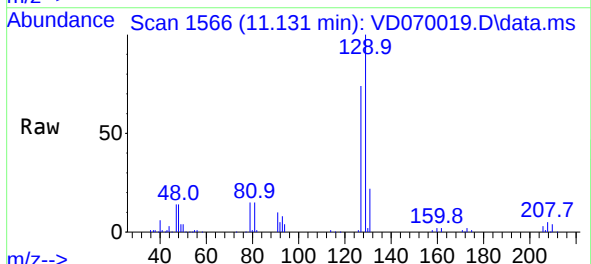
Manual Integrations
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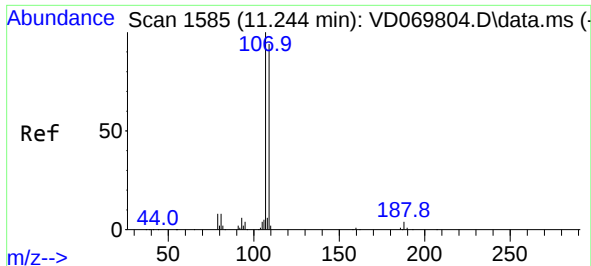
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#60
Dibromochloromethane
Concen: 21.594 ug/l
RT: 11.131 min Scan# 1566
Delta R.T. -0.006 min
Lab File: VD070019.D
Acq: 11 Aug 2021 13:11

Tgt Ion: 129 Resp: 125510
Ion Ratio Lower Upper
129 100
127 76.9 38.7 116.1





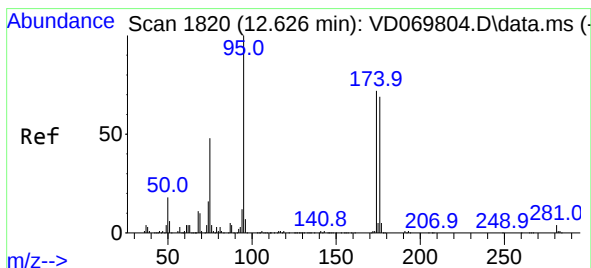
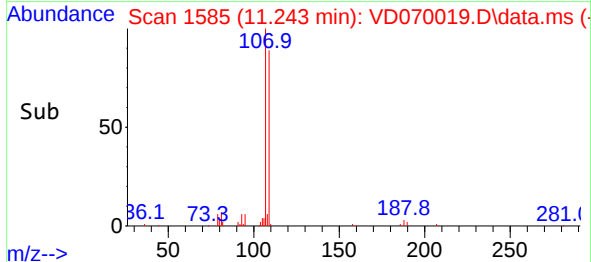
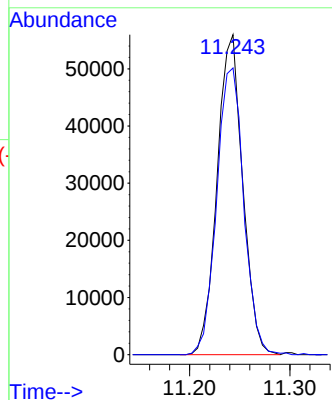
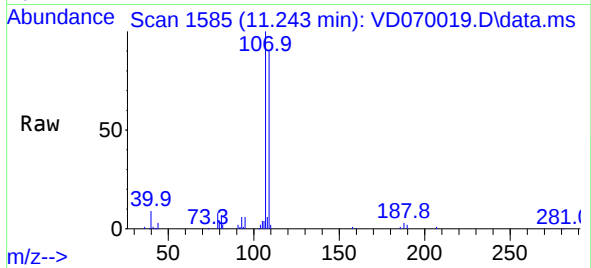
#61
1,2-Dibromoethane
Concen: 21.458 ug/l
RT: 11.243 min Scan# 1585
Delta R.T. -0.000 min
Lab File: VD070019.D
Acq: 11 Aug 2021 13:11

Tgt Ion:107 Resp: 99148
Ion Ratio Lower Upper
107 100
109 94.5 74.5 111.7

Instrument :
MSVOA_D
ClientSampleId :
VD0811SBS01

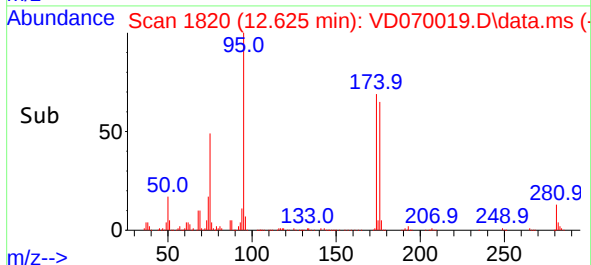
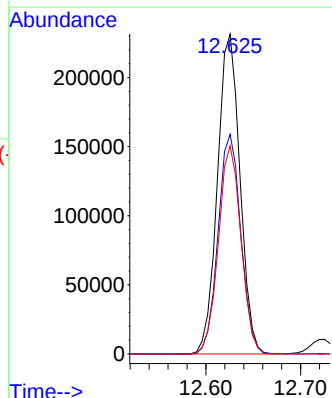
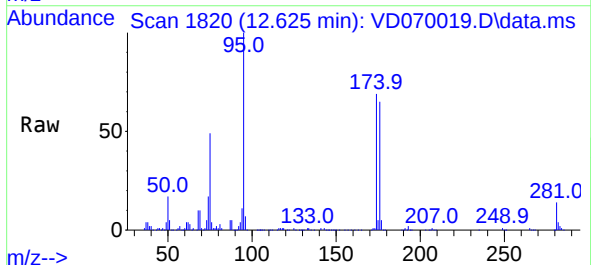
Manual Integrations
APPROVED

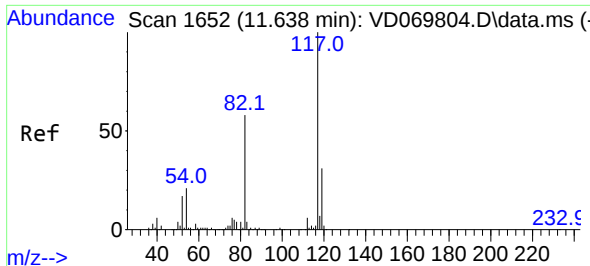
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#62
4-Bromofluorobenzene
Concen: 52.342 ug/l
RT: 12.625 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070019.D
Acq: 11 Aug 2021 13:11

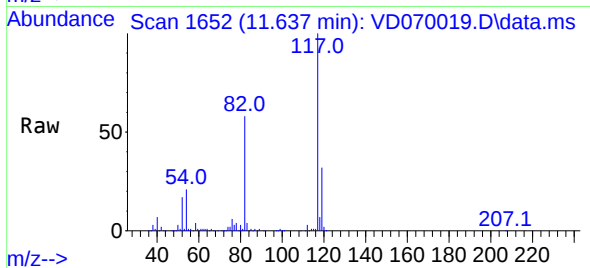
Tgt Ion: 95 Resp: 382737
Ion Ratio Lower Upper
95 100
174 69.2 0.0 142.6
176 65.1 0.0 134.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070019.D
Acq: 11 Aug 2021 13:11

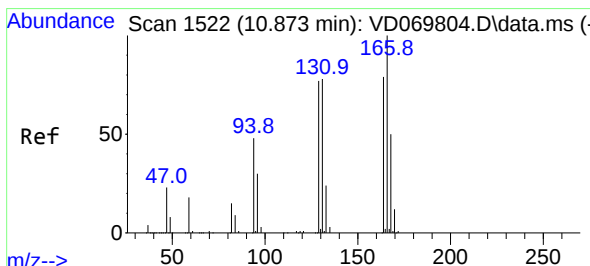
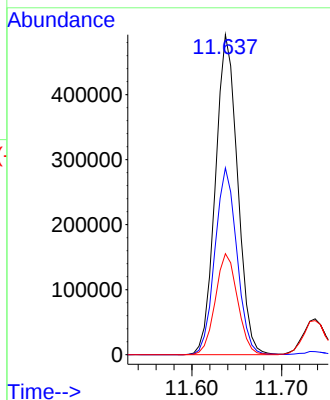
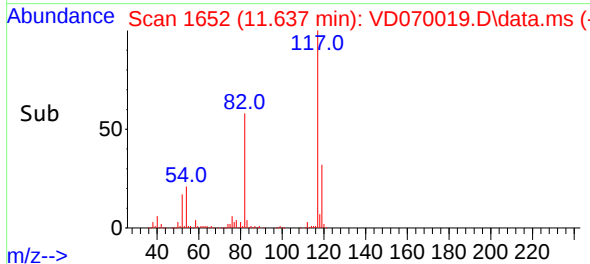
Instrument :
MSVOA_D
ClientSampleId :
VD0811SBS01



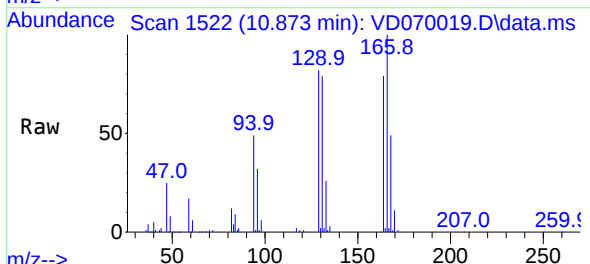
Tgt Ion:117 Resp: 844003
Ion Ratio Lower Upper
117 100
82 58.3 46.3 69.5
119 31.5 24.7 37.1

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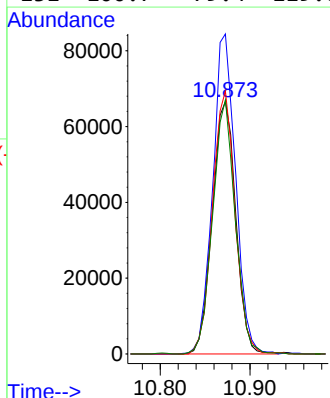
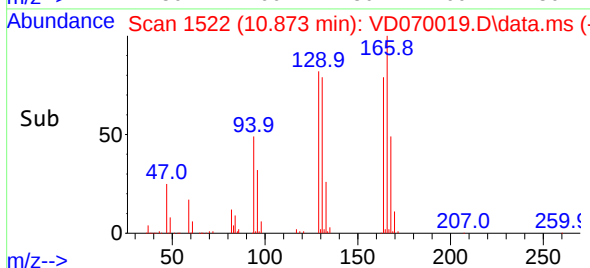
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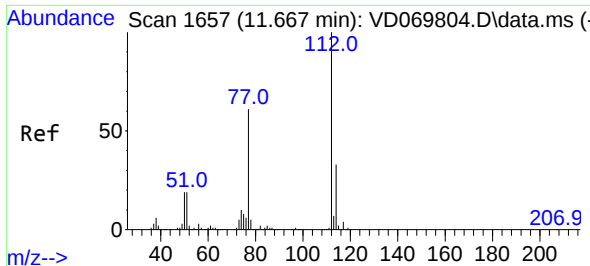


#64
Tetrachloroethene
Concen: 22.505 ug/l
RT: 10.873 min Scan# 1522
Delta R.T. -0.000 min
Lab File: VD070019.D
Acq: 11 Aug 2021 13:11



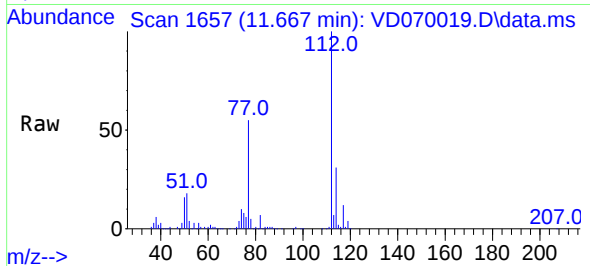
Tgt Ion:164 Resp: 121079
Ion Ratio Lower Upper
164 100
166 126.8 101.8 152.8
129 104.2 78.8 118.2
131 100.7 79.4 119.0





#65
Chlorobenzene
Concen: 22.201 ug/l
RT: 11.667 min Scan# 1657
Delta R.T. -0.001 min
Lab File: VD070019.D
Acq: 11 Aug 2021 13:11

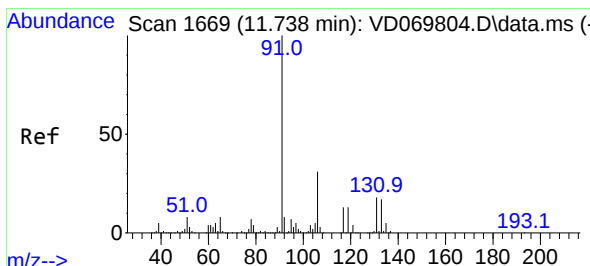
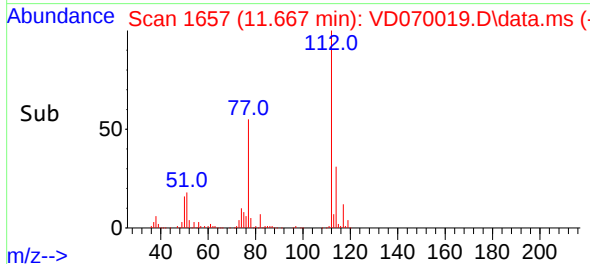
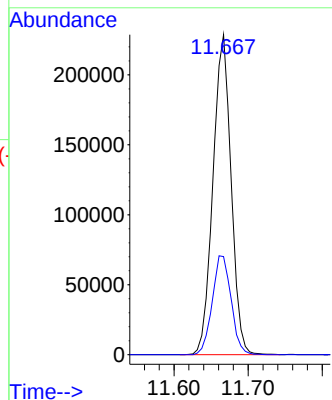
Instrument :
MSVOA_D
ClientSampleId :
VD0811SBS01



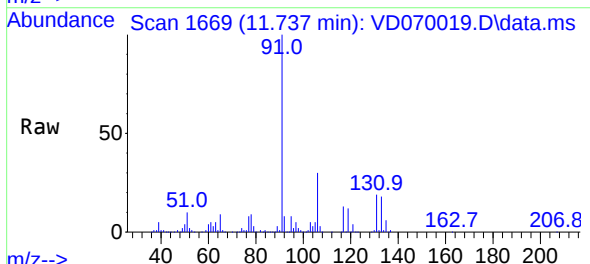
Tgt Ion:112 Resp: 388198
Ion Ratio Lower Upper
112 100
114 30.7 26.5 39.7

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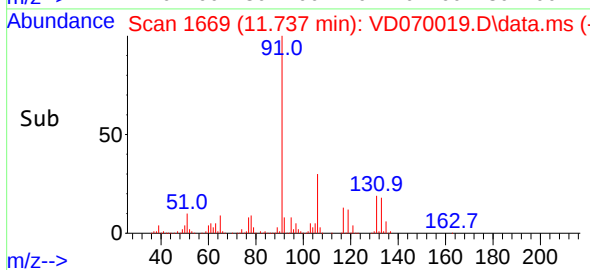
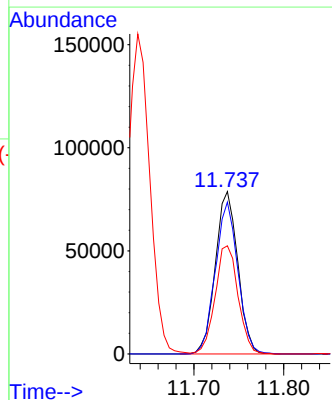
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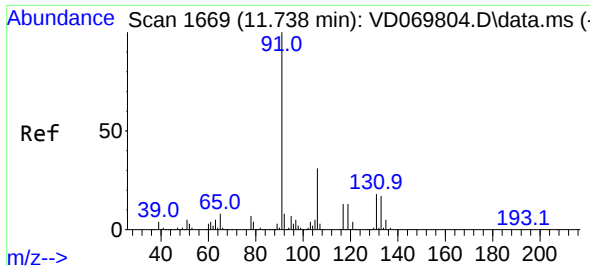


#66
1,1,1,2-Tetrachloroethane
Concen: 21.723 ug/l
RT: 11.737 min Scan# 1669
Delta R.T. -0.001 min
Lab File: VD070019.D
Acq: 11 Aug 2021 13:11



Tgt Ion:131 Resp: 136644
Ion Ratio Lower Upper
131 100
133 94.3 46.4 139.1
119 68.3 34.2 102.5





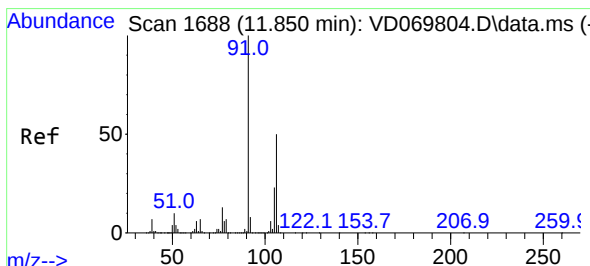
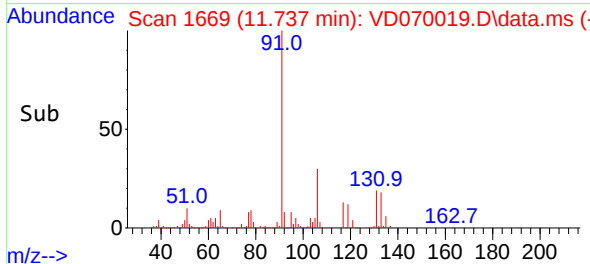
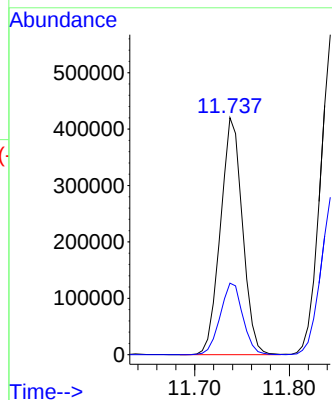
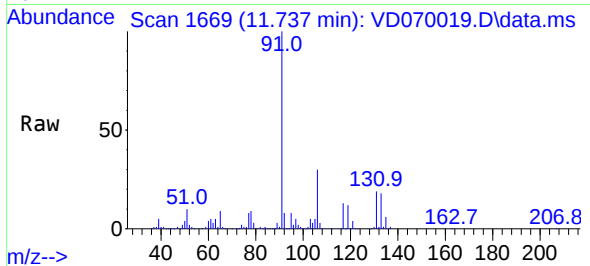
#67
Ethyl Benzene
Concen: 22.110 ug/l
RT: 11.737 min Scan# 1669
Delta R.T. -0.001 min
Lab File: VD070019.D
Acq: 11 Aug 2021 13:11

Tgt Ion: 91 Resp: 680661
Ion Ratio Lower Upper
91 100
106 30.2 24.9 37.3

Instrument :
MSVOA_D
ClientSampleId :
VD0811SBS01

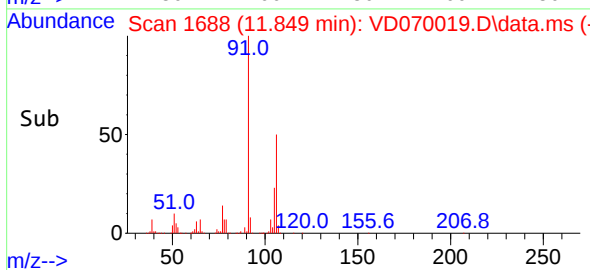
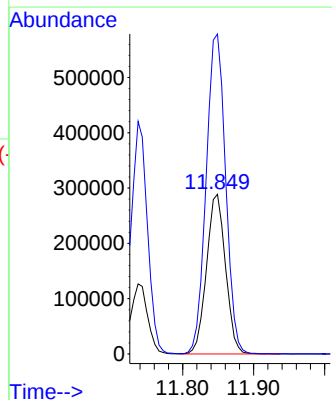
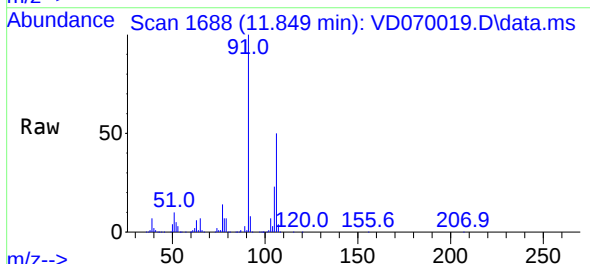
Manual Integrations
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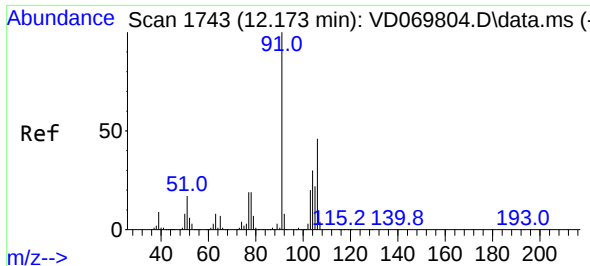
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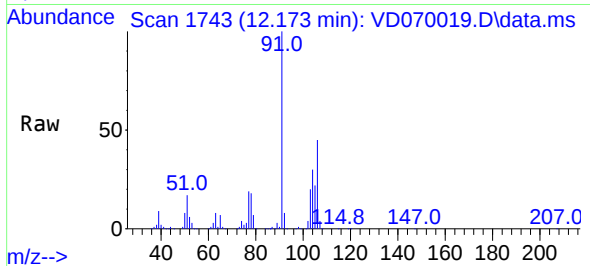
#68
m/p-Xylenes
Concen: 44.954 ug/l
RT: 11.849 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VD070019.D
Acq: 11 Aug 2021 13:11

Tgt Ion:106 Resp: 536487
Ion Ratio Lower Upper
106 100
91 205.0 162.4 243.6

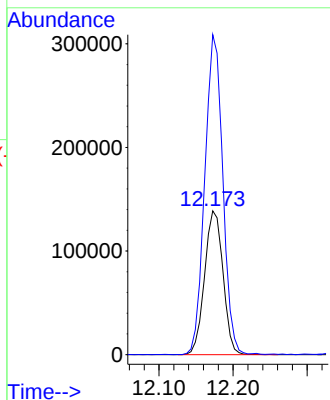
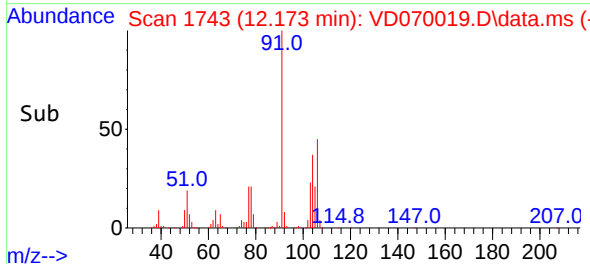




#69
o-Xylene
Concen: 22.089 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VD070019.D
Acq: 11 Aug 2021 13:11



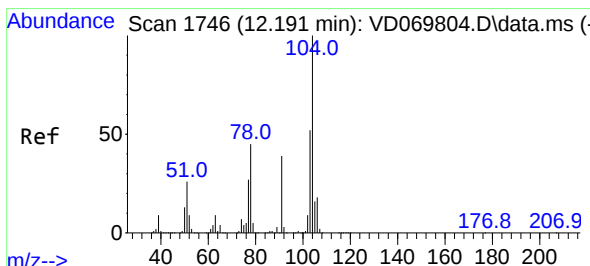
Tgt Ion:106 Resp: 239652
Ion Ratio Lower Upper
106 100
91 217.9 107.6 322.8



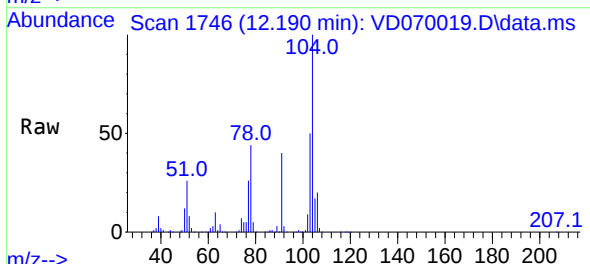
Instrument :
MSVOA_D
ClientSampleId :
VD0811SBS01

Manual Integrations
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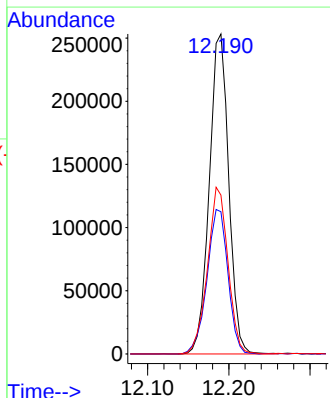
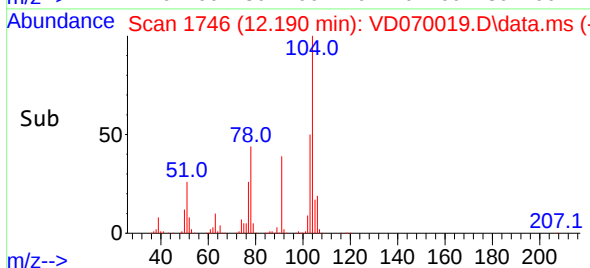
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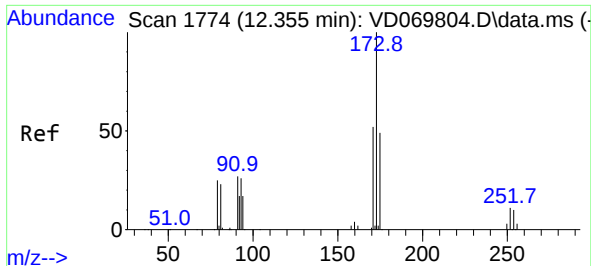


#70
Styrene
Concen: 22.373 ug/l
RT: 12.190 min Scan# 1746
Delta R.T. -0.001 min
Lab File: VD070019.D
Acq: 11 Aug 2021 13:11



Tgt Ion:104 Resp: 420664
Ion Ratio Lower Upper
104 100
78 48.7 39.7 59.5
103 54.9 44.0 66.0





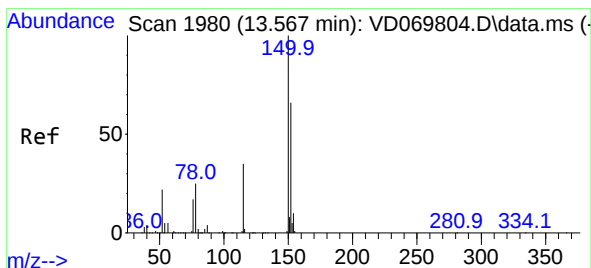
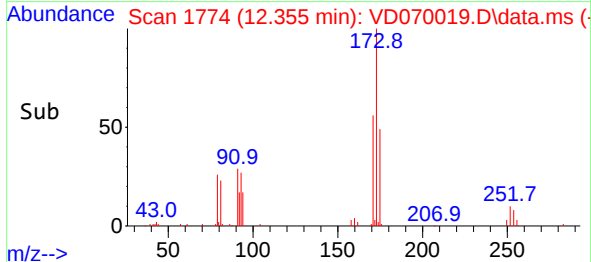
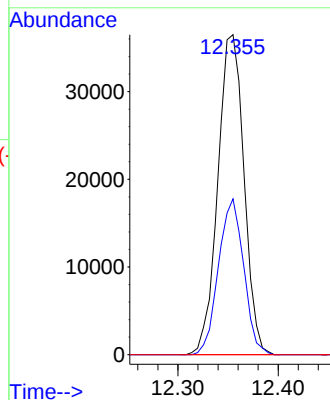
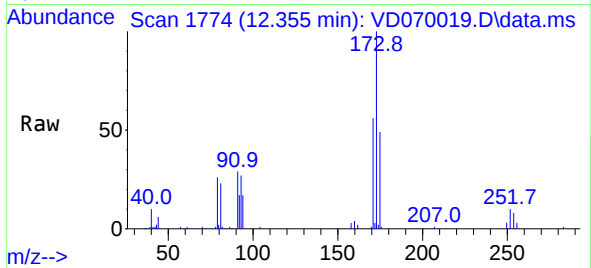
#71
Bromoform
Concen: 21.668 ug/l
RT: 12.355 min Scan# 1774
Delta R.T. -0.001 min
Lab File: VD070019.D
Acq: 11 Aug 2021 13:11

Tgt Ion:173 Resp: 66193
Ion Ratio Lower Upper
173 100
175 46.9 24.1 72.3
254 0.0 0.1 0.1#

Instrument :
MSVOA_D
ClientSampleId :
VD0811SBS01

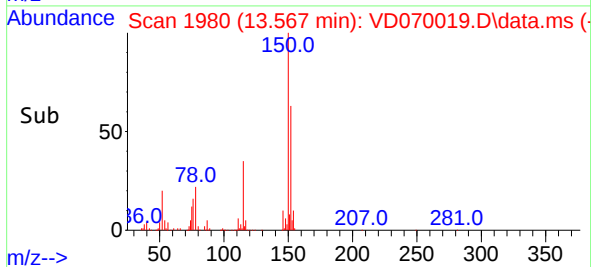
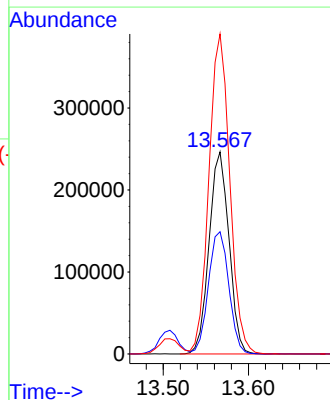
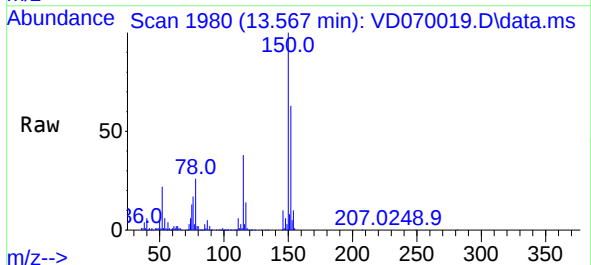
Manual Integrations
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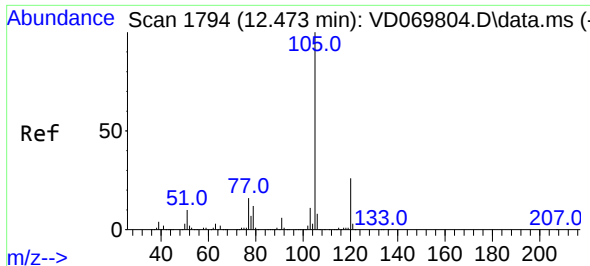
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD070019.D
Acq: 11 Aug 2021 13:11

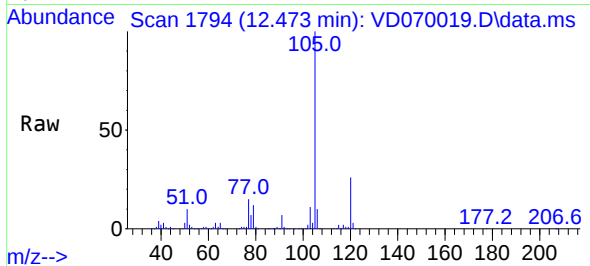
Tgt Ion:152 Resp: 399255
Ion Ratio Lower Upper
152 100
115 62.2 31.1 93.3
150 165.8 0.0 343.0





#73
Isopropylbenzene
Concen: 22.128 ug/l
RT: 12.473 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VD070019.D
Acq: 11 Aug 2021 13:11

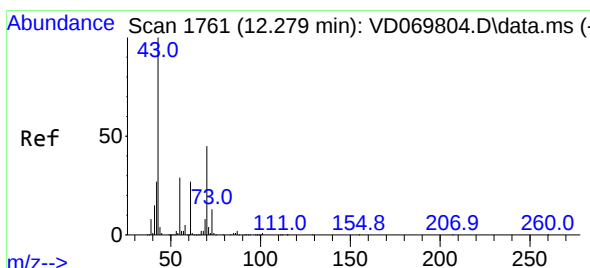
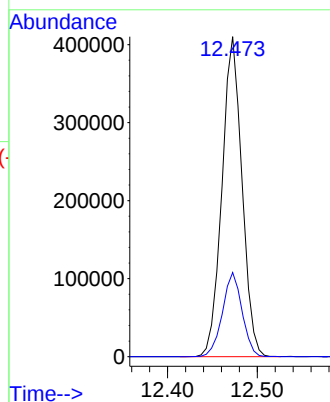
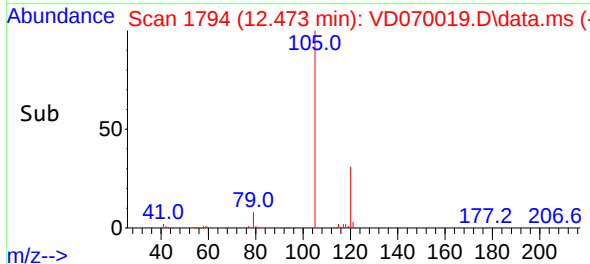
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VD0811SBS01



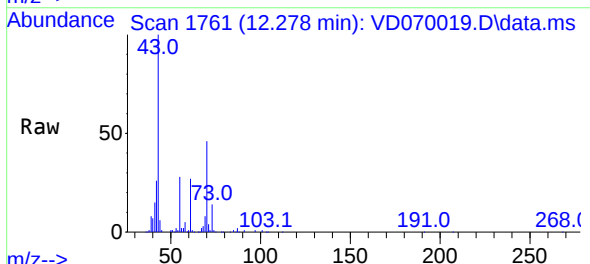
Tgt Ion:105 Resp: 634798
Ion Ratio Lower Upper
105 100
120 25.8 13.0 38.9

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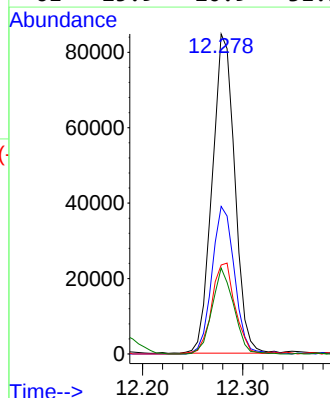
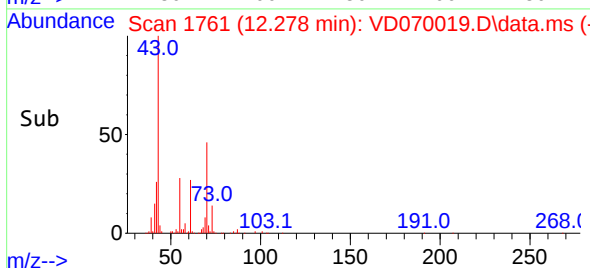
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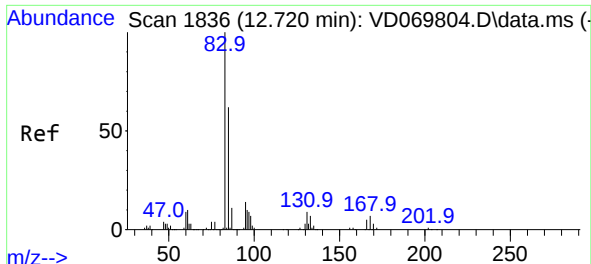


#74
N-ethyl acetate
Concen: 22.343 ug/l
RT: 12.278 min Scan# 1761
Delta R.T. -0.001 min
Lab File: VD070019.D
Acq: 11 Aug 2021 13:11



Tgt Ion: 43 Resp: 131836
Ion Ratio Lower Upper
43 100
70 46.4 37.9 56.9
55 29.6 23.7 35.5
61 25.9 20.9 31.3





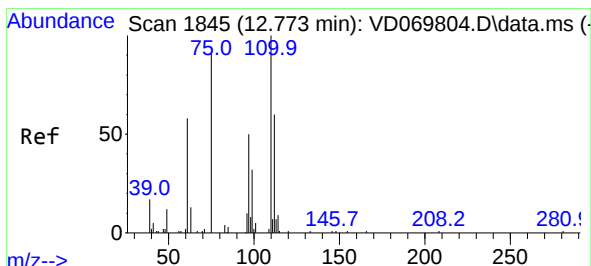
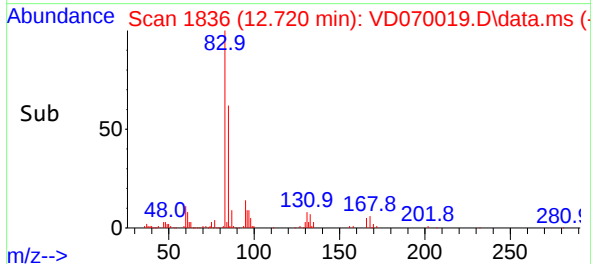
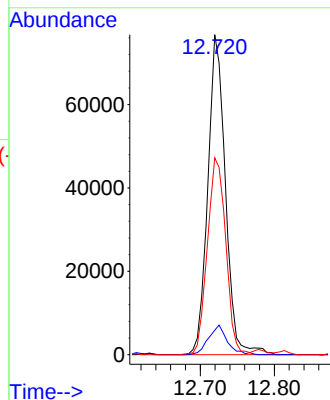
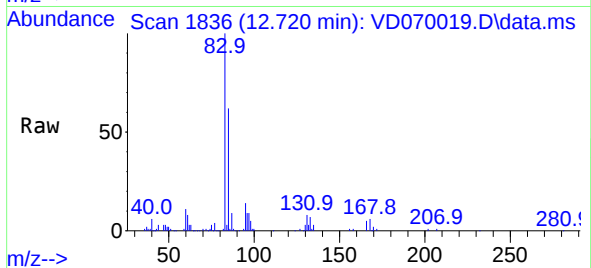
#75
1,1,2,2-Tetrachloroethane
Concen: 22.140 ug/l
RT: 12.720 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VD070019.D
Acq: 11 Aug 2021 13:11

Tgt Ion: 83 Resp: 126837
Ion Ratio Lower Upper
83 100
131 9.8 4.9 14.6
85 64.3 31.8 95.4

Instrument :
MSVOA_D
ClientSampleId :
VD0811SBS01

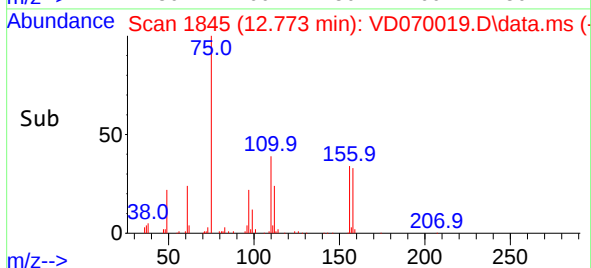
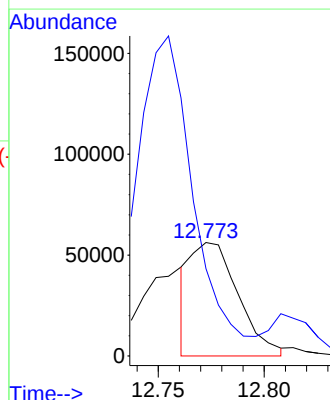
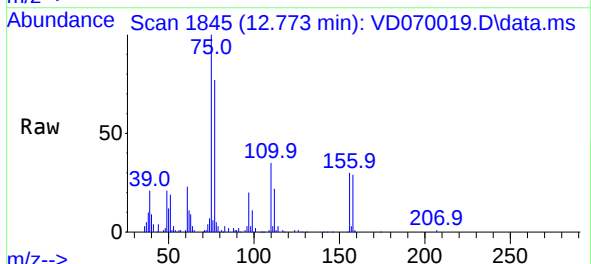
Manual Integrations
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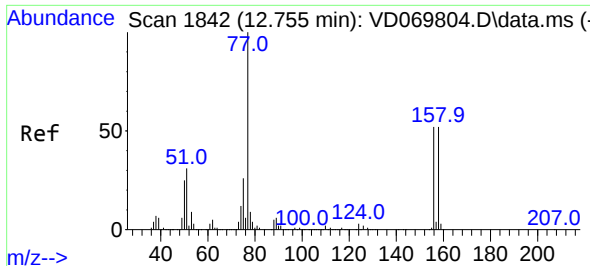
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#76
1,2,3-Trichloropropane
Concen: 20.594 ug/l m
RT: 12.773 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VD070019.D
Acq: 11 Aug 2021 13:11

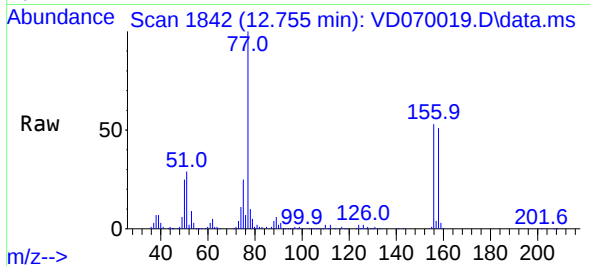
Tgt Ion: 75 Resp: 87396
Ion Ratio Lower Upper
75 100
77 344.3 181.5 544.5





#77
Bromobenzene
Concen: 21.729 ug/l
RT: 12.755 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD070019.D
Acq: 11 Aug 2021 13:11

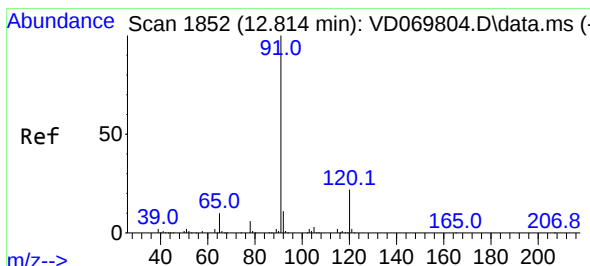
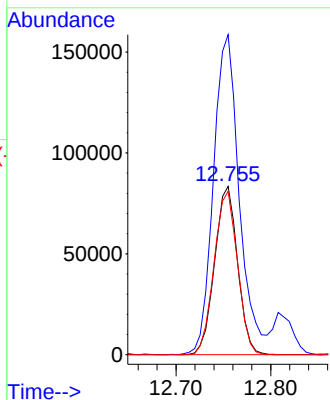
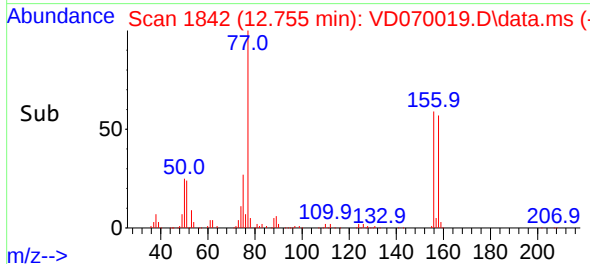
Instrument :
MSVOA_D
ClientSampleId :
VD0811SBS01



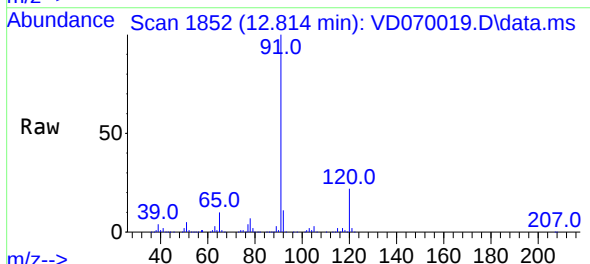
Tgt Ion:156 Resp: 140393
Ion Ratio Lower Upper
156 100
77 214.3 107.1 321.3
158 98.8 48.1 144.3

Manual Integrations
APPROVED

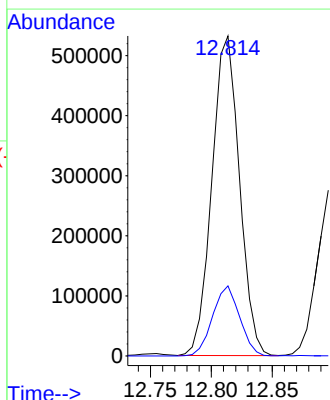
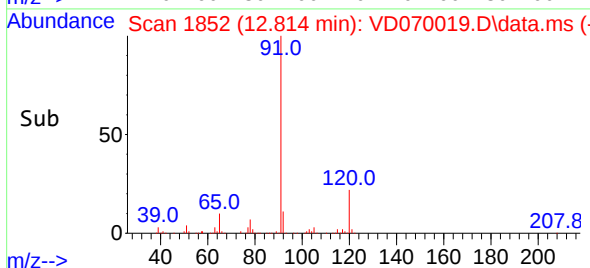
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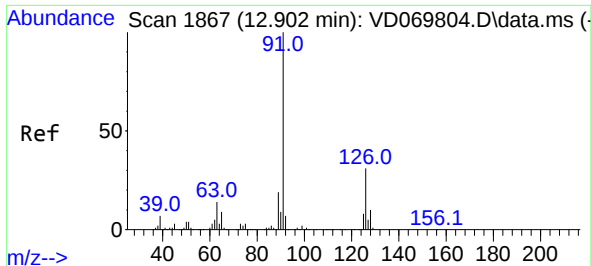


#78
n-propylbenzene
Concen: 22.752 ug/l
RT: 12.814 min Scan# 1852
Delta R.T. -0.001 min
Lab File: VD070019.D
Acq: 11 Aug 2021 13:11



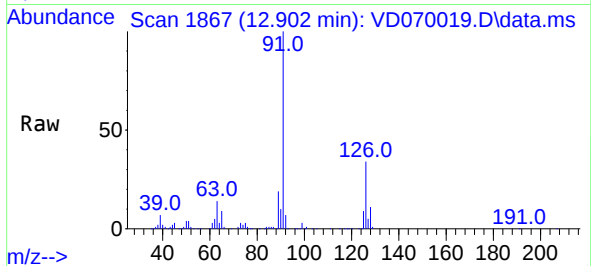
Tgt Ion: 91 Resp: 838283
Ion Ratio Lower Upper
91 100
120 21.5 10.9 32.7





#79
2-Chlorotoluene
Concen: 22.140 ug/l
RT: 12.902 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD070019.D
Acq: 11 Aug 2021 13:11

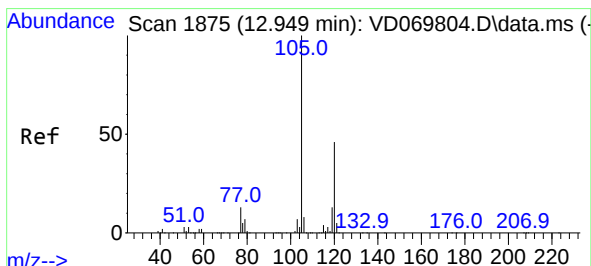
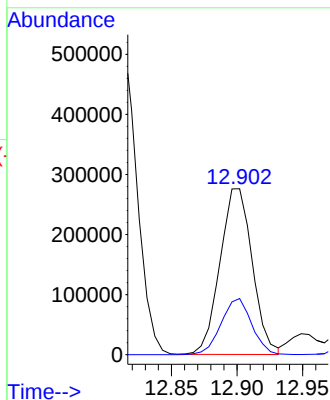
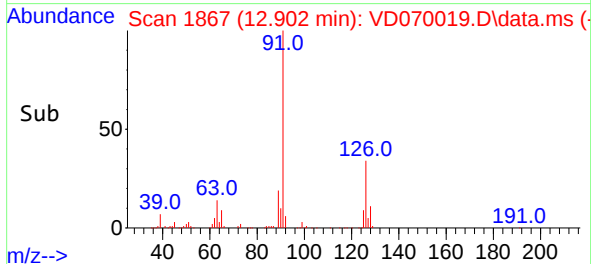
Instrument :
MSVOA_D
ClientSampleId :
VD0811SBS01



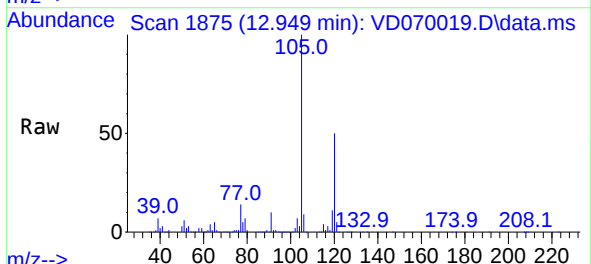
Tgt Ion: 91 Resp: 473825
Ion Ratio Lower Upper
91 100
126 32.1 15.9 47.7

Manual Integrations
APPROVED

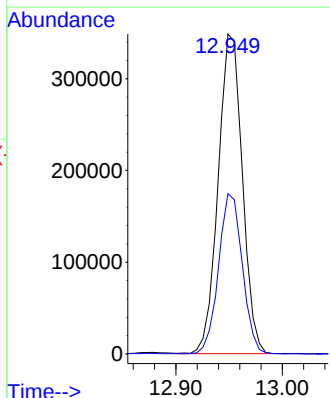
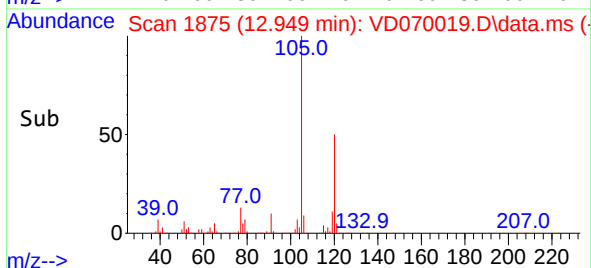
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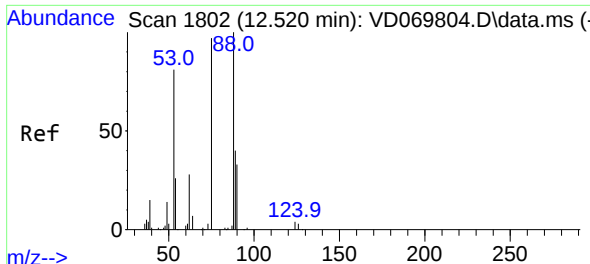


#80
1,3,5-Trimethylbenzene
Concen: 22.379 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VD070019.D
Acq: 11 Aug 2021 13:11

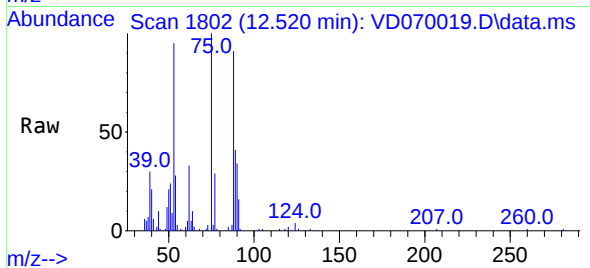


Tgt Ion: 105 Resp: 549171
Ion Ratio Lower Upper
105 100
120 49.4 23.8 71.2

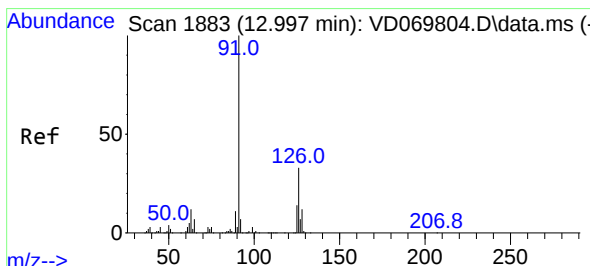
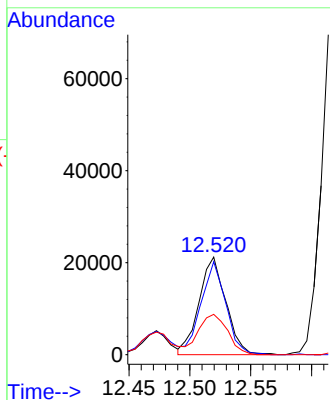
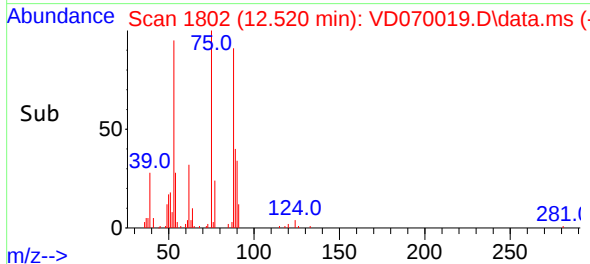




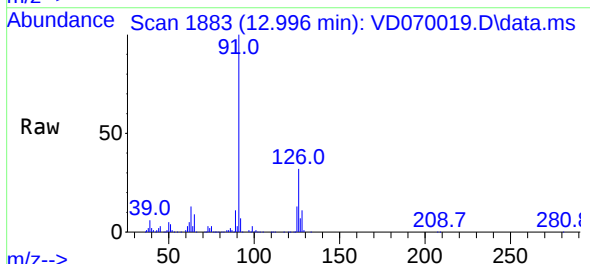
#81
trans-1,4-Dichloro-2-butene
Concen: 23.336 ug/l
RT: 12.520 min Scan# 1802
Delta R.T. -0.000 min
Lab File: VD070019.D
Acq: 11 Aug 2021 13:11



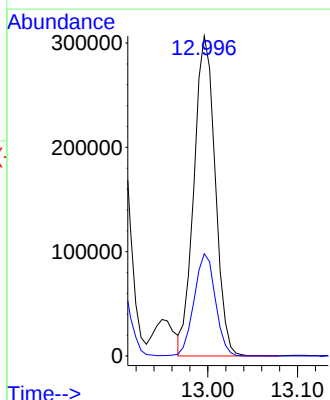
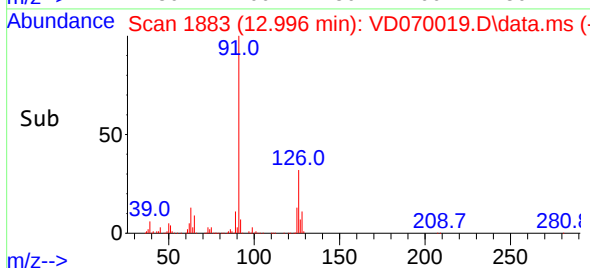
Tgt Ion: 75 Resp: 32644
Ion Ratio Lower Upper
75 100
53 88.5 67.2 100.8
89 44.2 35.8 53.6



#82
4-Chlorotoluene
Concen: 22.487 ug/l
RT: 12.996 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VD070019.D
Acq: 11 Aug 2021 13:11



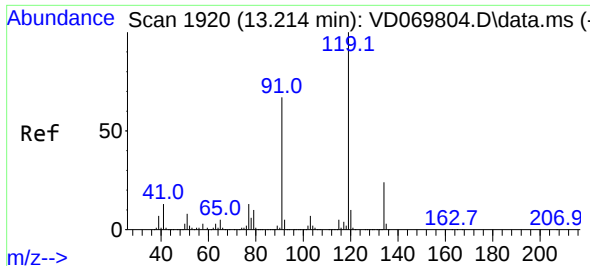
Tgt Ion: 91 Resp: 503128
Ion Ratio Lower Upper
91 100
126 32.1 15.9 47.6



Instrument :
MSVOA_D
ClientSampleId :
VD0811SBS01

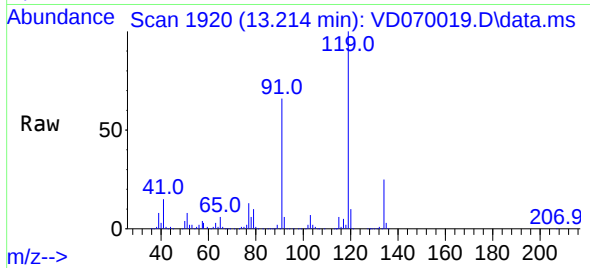
Manual Integrations
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#83
tert-Butylbenzene
Concen: 21.870 ug/l
RT: 13.214 min Scan# 1920
Delta R.T. -0.000 min
Lab File: VD070019.D
Acq: 11 Aug 2021 13:11

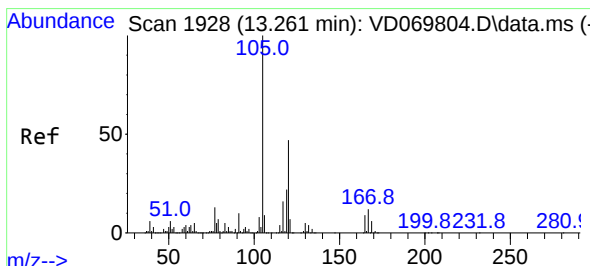
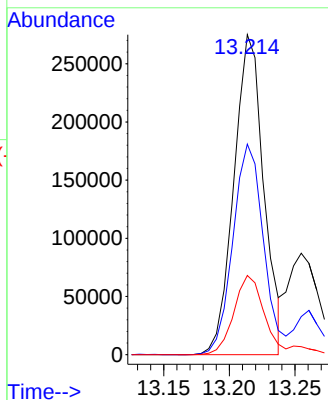
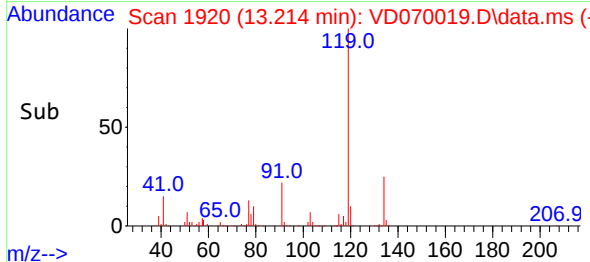
Instrument :
MSVOA_D
ClientSampleId :
VD0811SBS01



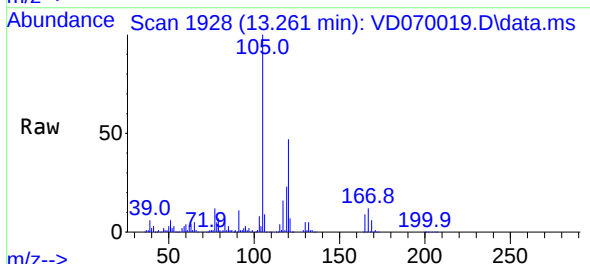
Tgt Ion:119 Resp: 436339
Ion Ratio Lower Upper
119 100
91 67.6 33.7 101.1
134 26.9 13.3 39.8

Manual Integrations
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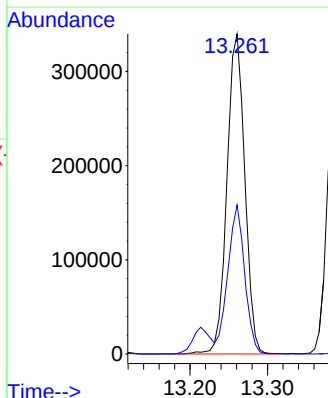
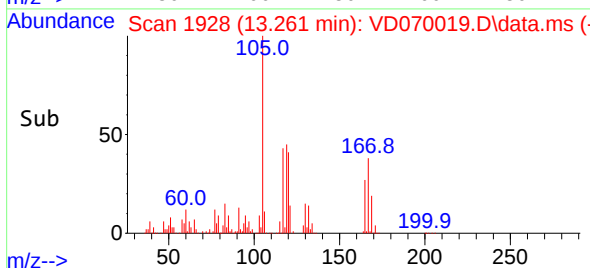
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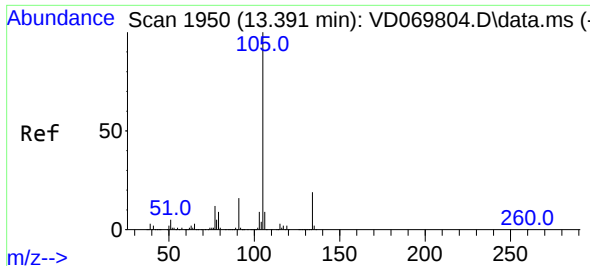


#84
1,2,4-Trimethylbenzene
Concen: 22.449 ug/l
RT: 13.261 min Scan# 1928
Delta R.T. -0.000 min
Lab File: VD070019.D
Acq: 11 Aug 2021 13:11



Tgt Ion:105 Resp: 543463
Ion Ratio Lower Upper
105 100
120 44.3 22.6 67.8





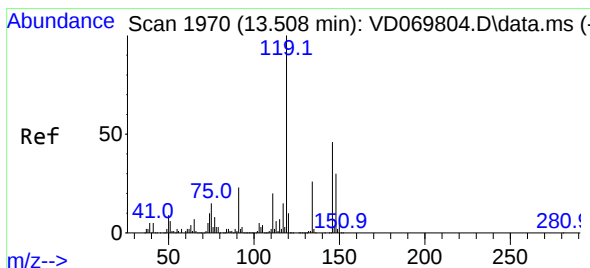
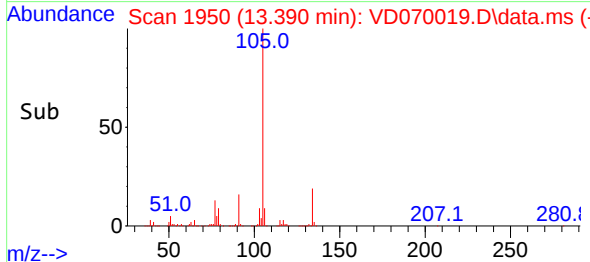
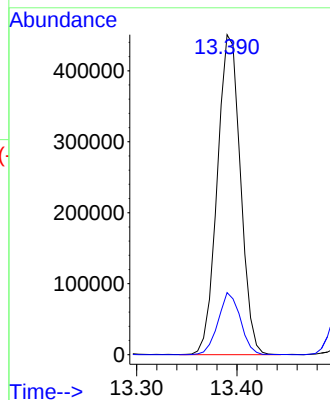
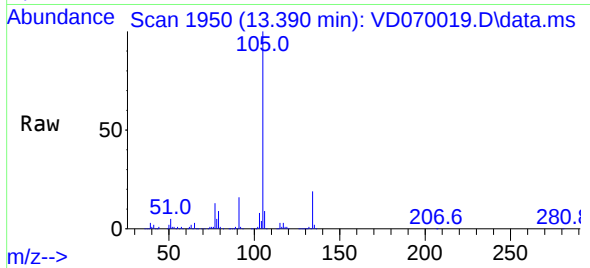
#85
 sec-Butylbenzene
 Concen: 22.930 ug/l
 RT: 13.390 min Scan# 1950
 Delta R.T. -0.000 min
 Lab File: VD070019.D
 Acq: 11 Aug 2021 13:11

Tgt Ion:105 Resp: 723244
 Ion Ratio Lower Upper
 105 100
 134 18.7 9.6 28.6

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0811SBS01

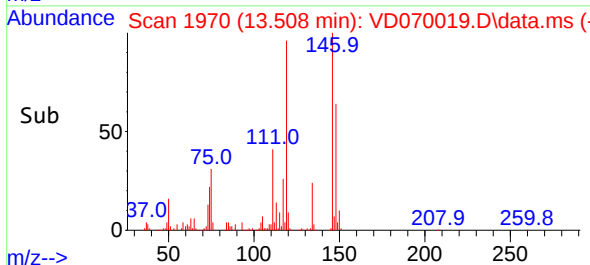
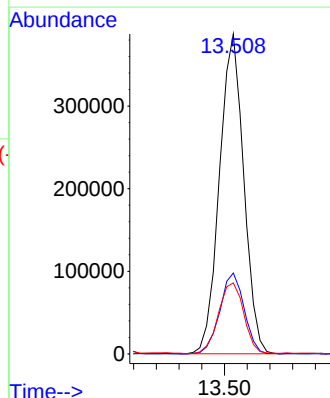
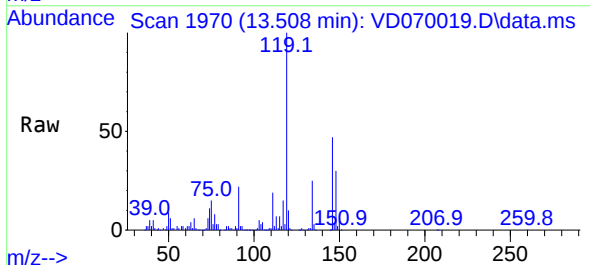
Manual Integrations
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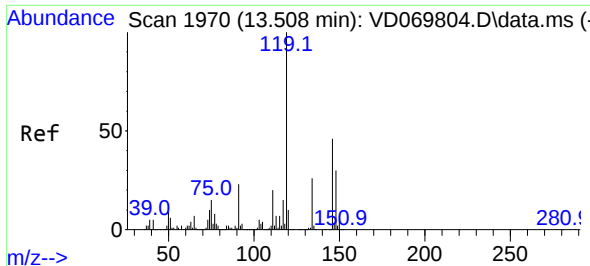
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#86
 p-Isopropyltoluene
 Concen: 22.390 ug/l
 RT: 13.508 min Scan# 1970
 Delta R.T. -0.000 min
 Lab File: VD070019.D
 Acq: 11 Aug 2021 13:11

Tgt Ion:119 Resp: 573740
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.6 37.8
 91 23.1 11.7 35.1





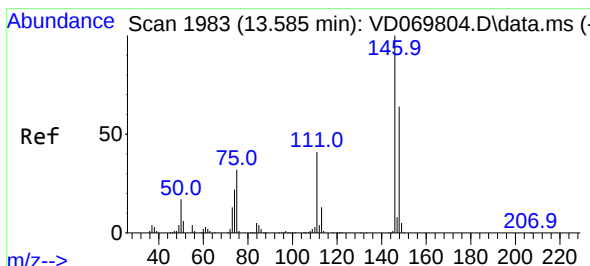
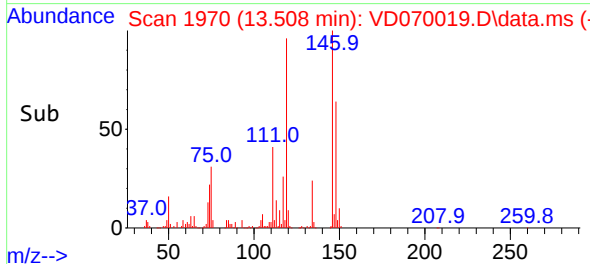
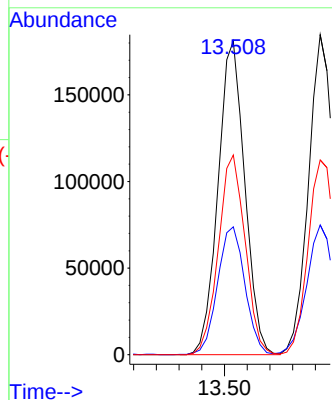
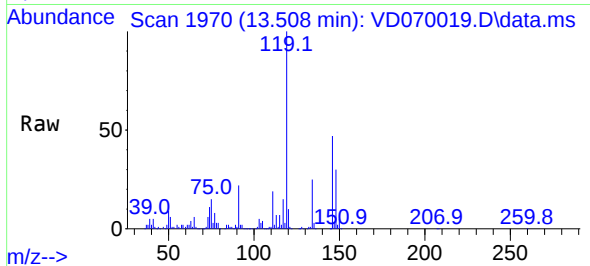
#87
1,3-Dichlorobenzene
Concen: 21.796 ug/l
RT: 13.508 min Scan# 1970
Delta R.T. -0.000 min
Lab File: VD070019.D
Acq: 11 Aug 2021 13:11

Tgt Ion:146 Resp: 295666
Ion Ratio Lower Upper
146 100
111 41.9 21.7 65.1
148 63.9 32.1 96.3

Instrument :
MSVOA_D
ClientSampleId :
VD0811SBS01

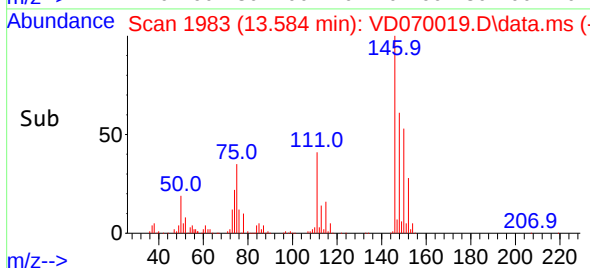
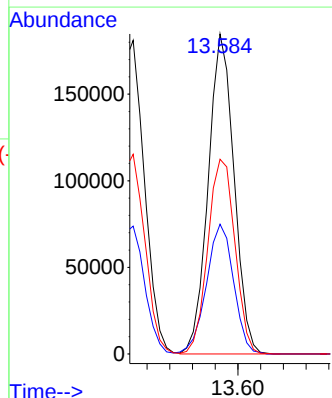
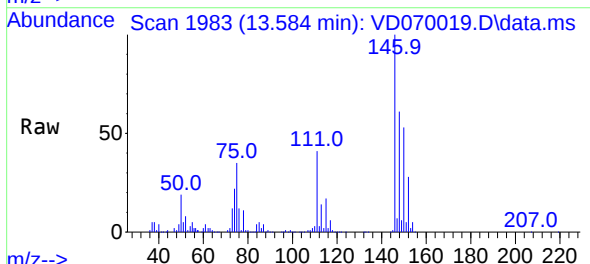
Manual Integrations
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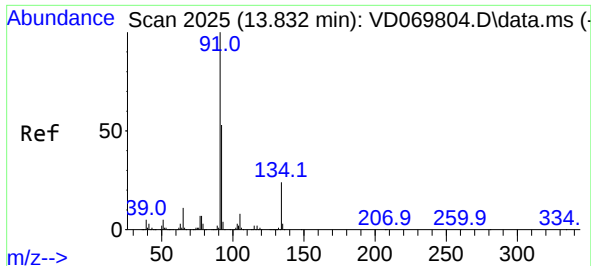
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#88
1,4-Dichlorobenzene
Concen: 21.569 ug/l
RT: 13.584 min Scan# 1983
Delta R.T. -0.000 min
Lab File: VD070019.D
Acq: 11 Aug 2021 13:11

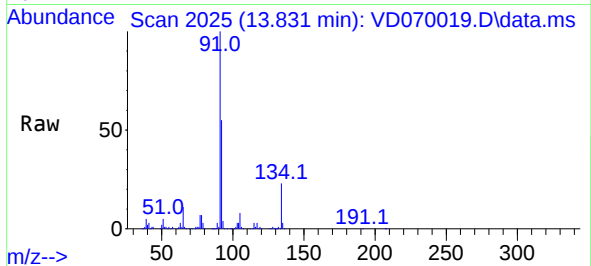
Tgt Ion:146 Resp: 291626
Ion Ratio Lower Upper
146 100
111 42.8 20.8 62.4
148 64.0 31.6 95.0





#89
n-Butylbenzene
Concen: 22.070 ug/l
RT: 13.831 min Scan# 2025
Delta R.T. -0.000 min
Lab File: VD070019.D
Acq: 11 Aug 2021 13:11

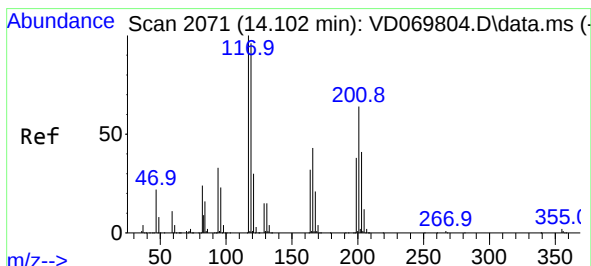
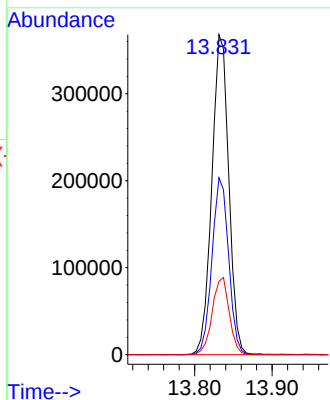
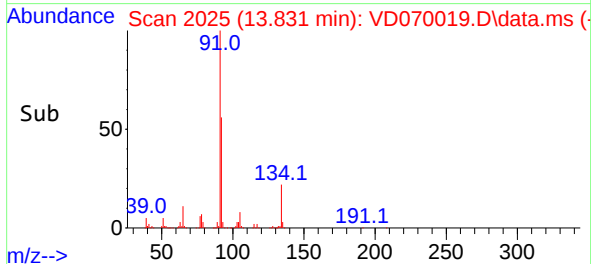
Instrument :
MSVOA_D
ClientSampleId :
VD0811SBS01



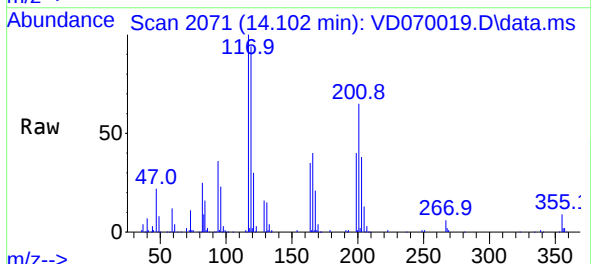
Tgt Ion: 91 Resp: 558131
Ion Ratio Lower Upper
91 100
92 54.3 26.6 79.7
134 24.2 11.9 35.7

Manual Integrations
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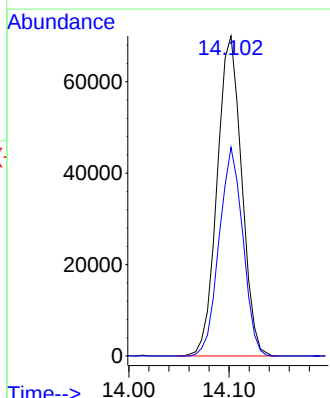
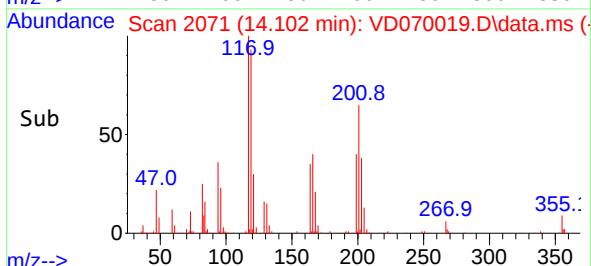
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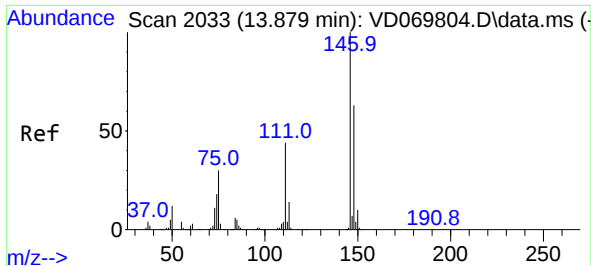


#90
Hexachloroethane
Concen: 21.920 ug/l
RT: 14.102 min Scan# 2071
Delta R.T. -0.000 min
Lab File: VD070019.D
Acq: 11 Aug 2021 13:11

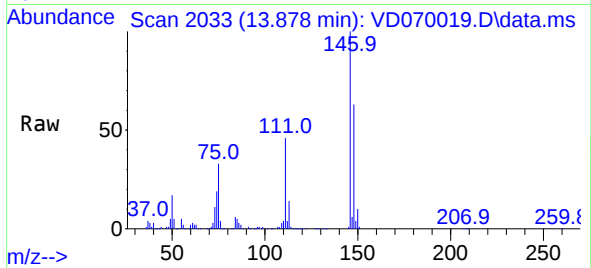


Tgt Ion: 117 Resp: 118982
Ion Ratio Lower Upper
117 100
201 63.0 31.9 95.5

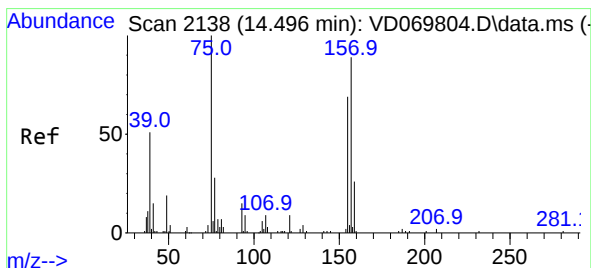
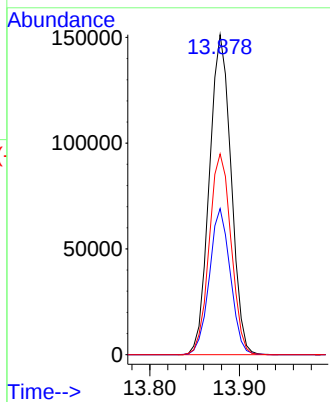
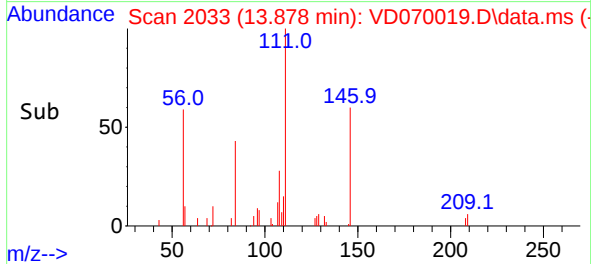




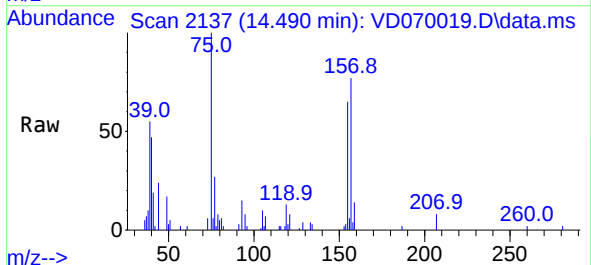
#91
1,2-Dichlorobenzene
Concen: 21.697 ug/l
RT: 13.878 min Scan# 2033
Delta R.T. -0.000 min
Lab File: VD070019.D
Acq: 11 Aug 2021 13:11



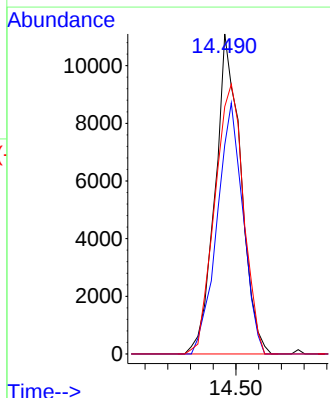
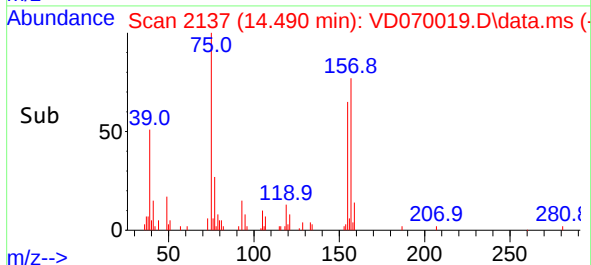
Tgt Ion:146 Resp: 254028
Ion Ratio Lower Upper
146 100
111 44.1 21.7 65.1
148 63.3 31.2 93.6



#92
1,2-Dibromo-3-Chloropropane
Concen: 21.109 ug/l
RT: 14.490 min Scan# 2137
Delta R.T. -0.006 min
Lab File: VD070019.D
Acq: 11 Aug 2021 13:11



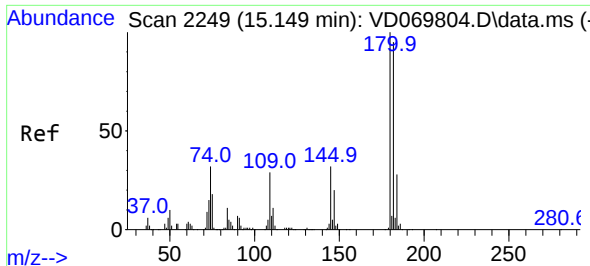
Tgt Ion: 75 Resp: 17414
Ion Ratio Lower Upper
75 100
155 79.1 36.3 108.9
157 94.5 47.0 141.0



Instrument :
MSVOA_D
ClientSampleId :
VD0811SBS01

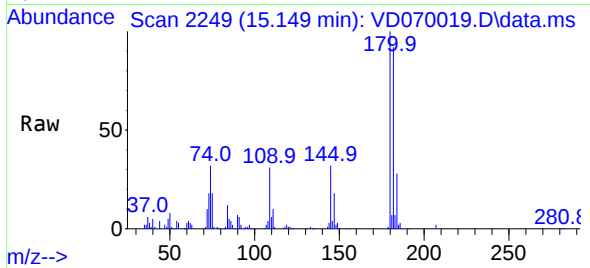
Manual Integrations
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#93
1,2,4-Trichlorobenzene
Concen: 21.656 ug/l
RT: 15.149 min Scan# 2249
Delta R.T. -0.001 min
Lab File: VD070019.D
Acq: 11 Aug 2021 13:11

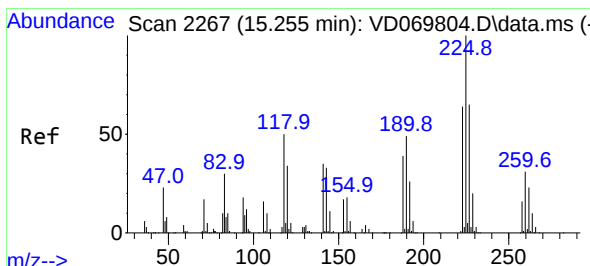
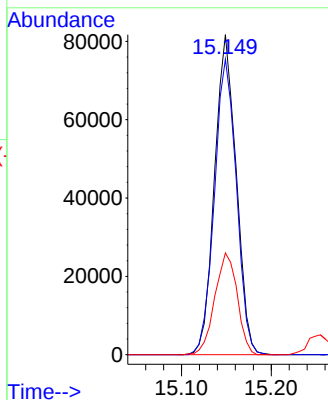
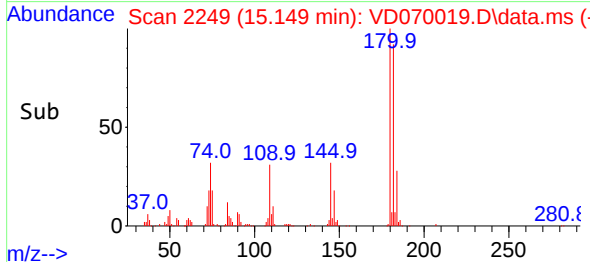
Instrument :
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ClientSampleId :
VD0811SBS01



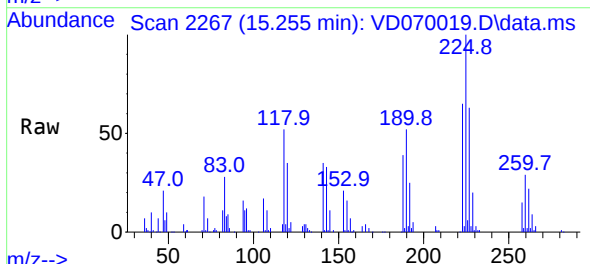
Tgt Ion:180 Resp: 136798
Ion Ratio Lower Upper
180 100
182 93.9 47.6 142.9
145 32.9 16.4 49.2

Manual Integrations
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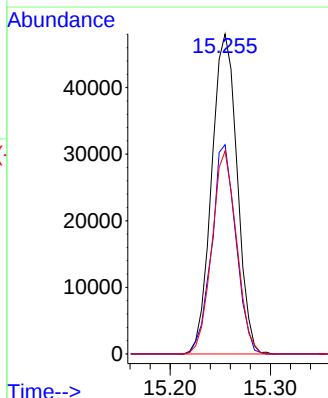
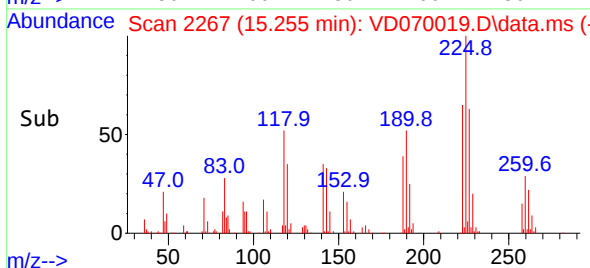
MMDadoda
8/12/2021 4:50:40 PM

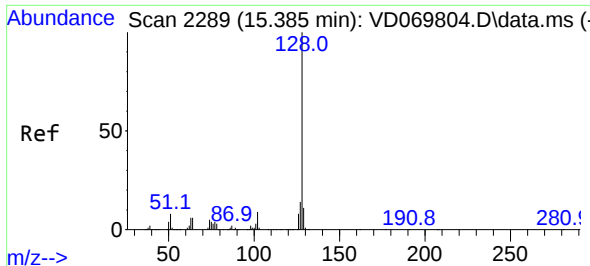


#94
Hexachlorobutadiene
Concen: 21.882 ug/l
RT: 15.255 min Scan# 2267
Delta R.T. -0.000 min
Lab File: VD070019.D
Acq: 11 Aug 2021 13:11

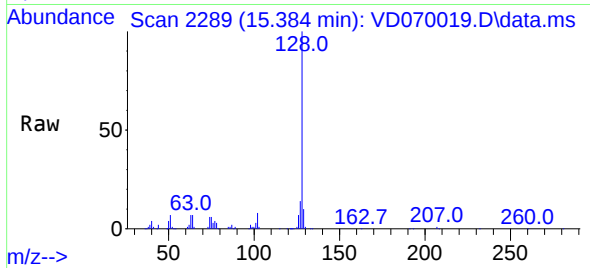


Tgt Ion:225 Resp: 84554
Ion Ratio Lower Upper
225 100
223 62.2 31.5 94.5
227 61.3 31.9 95.7

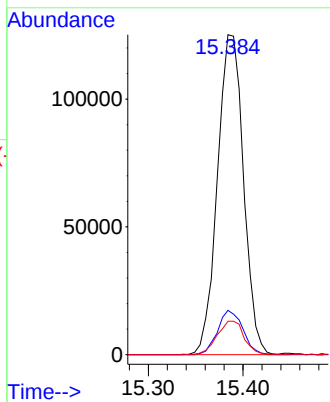
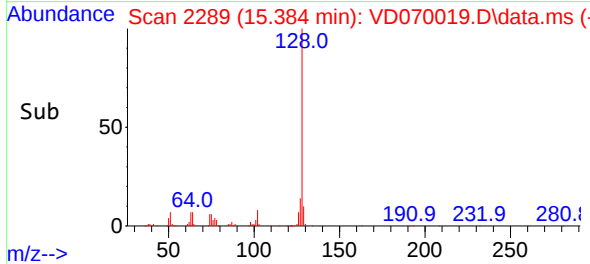




#95
Naphthalene
Concen: 21.520 ug/l
RT: 15.384 min Scan# 2289
Delta R.T. -0.001 min
Lab File: VD070019.D
Acq: 11 Aug 2021 13:11



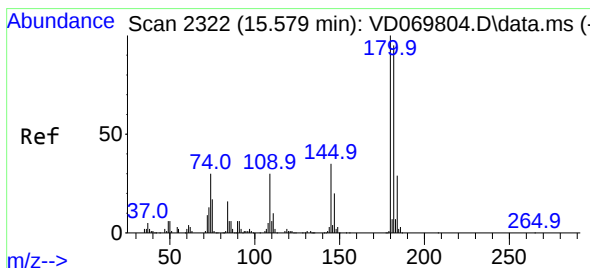
Tgt Ion:128 Resp: 239549
Ion Ratio Lower Upper
128 100
127 13.5 10.6 16.0
129 10.8 8.6 12.8



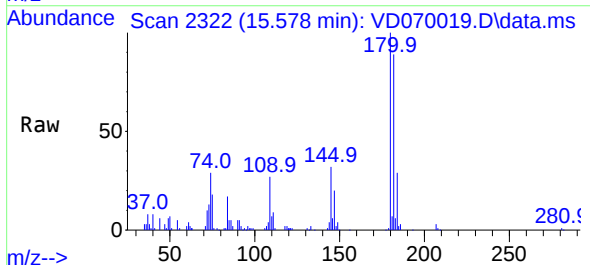
Instrument :
MSVOA_D
ClientSampleId :
VD0811SBS01

Manual Integrations
APPROVED

MMDadoda
8/12/2021 4:50:40 PM



#96
1,2,3-Trichlorobenzene
Concen: 21.897 ug/l
RT: 15.578 min Scan# 2322
Delta R.T. -0.000 min
Lab File: VD070019.D
Acq: 11 Aug 2021 13:11



Tgt Ion:180 Resp: 119620
Ion Ratio Lower Upper
180 100
182 94.1 47.3 142.0
145 32.7 17.3 51.9

