

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102122\
 Data File : VD074611.D
 Acq On : 21 Oct 2022 13:09
 Operator : VA/SY
 Sample : VD1021SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1021SBS01

Quant Time: Oct 21 23:10:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101922S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 20 06:41:20 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	89896	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	147039	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	117474	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	57190	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	31519	45.923	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.840%
35) Dibromofluoromethane	7.804	113	39933	48.996	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.000%
50) Toluene-d8	10.269	98	141628	48.123	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.240%
62) 4-Bromofluorobenzene	12.575	95	42514	50.223	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	100.440%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	13473	19.308	ug/l	97
3) Chloromethane	2.146	50	20480	21.681	ug/l	94
4) Vinyl Chloride	2.281	62	21465	20.549	ug/l	90
5) Bromomethane	2.681	94	16467	20.817	ug/l	94
6) Chloroethane	2.828	64	15811	22.015	ug/l	96
7) Trichlorofluoromethane	3.175	101	30961	20.910	ug/l	98
8) Diethyl Ether	3.593	74	8192	19.105	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.969	101	19806	20.743	ug/l	100
10) Methyl Iodide	4.163	142	20414	19.067	ug/l	98
11) Tert butyl alcohol	5.046	59	8199	49.665	ug/l #	84
12) 1,1-Dichloroethene	3.946	96	19626	20.550	ug/l	90
13) Acrolein	3.793	56	7084	96.370	ug/l	95
14) Allyl chloride	4.557	41	20188	19.574	ug/l	97
15) Acrylonitrile	5.263	53	18423	105.125	ug/l	96
16) Acetone	4.022	43	13711	91.483	ug/l #	87
17) Carbon Disulfide	4.269	76	48632	18.609	ug/l	98
18) Methyl Acetate	4.569	43	8857	20.143	ug/l	92
19) Methyl tert-butyl Ether	5.310	73	37308	19.991	ug/l	97
20) Methylene Chloride	4.804	84	25987	15.629	ug/l	99
21) trans-1,2-Dichloroethene	5.310	96	20844	19.578	ug/l	89
22) Diisopropyl ether	6.222	45	41844	20.106	ug/l	96
23) Vinyl Acetate	6.157	43	81433	89.478	ug/l	99
24) 1,1-Dichloroethane	6.110	63	32711	20.251	ug/l	97
25) 2-Butanone	7.081	43	19121	95.408	ug/l #	87
26) 2,2-Dichloropropane	7.075	77	29360	19.018	ug/l	99
27) cis-1,2-Dichloroethene	7.087	96	23379	19.799	ug/l	99
28) Bromochloromethane	7.428	49	5888	15.927	ug/l #	94
29) Tetrahydrofuran	7.451	42	11193	102.397	ug/l	96
30) Chloroform	7.598	83	36033	20.732	ug/l	96
31) Cyclohexane	7.881	56	26282	19.063	ug/l	95
32) 1,1,1-Trichloroethane	7.798	97	33345	20.921	ug/l	98
36) 1,1-Dichloropropene	8.010	75	26533	20.087	ug/l	96
37) Ethyl Acetate	7.175	43	7836	18.802	ug/l	99
38) Carbon Tetrachloride	7.993	117	26561	20.535	ug/l	99
39) Methylcyclohexane	9.275	83	31010	19.648	ug/l	95
40) Benzene	8.251	78	81003	20.663	ug/l	94

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 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1021SBSD01

Quant Time: Oct 21 23:10:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101922S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 20 06:41:20 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.398	41	3717	16.554	ug/l #	71
42) 1,2-Dichloroethane	8.328	62	18769	20.747	ug/l	98
43) Isopropyl Acetate	8.363	43	15241	19.678	ug/l	98
44) Trichloroethene	9.028	130	24282	21.143	ug/l	90
45) 1,2-Dichloropropane	9.304	63	17781	20.668	ug/l	90
46) Dibromomethane	9.392	93	10298	20.743	ug/l	98
47) Bromodichloromethane	9.587	83	26646	21.693	ug/l	96
48) Methyl methacrylate	9.381	41	7516	21.234	ug/l	95
49) 1,4-Dioxane	9.387	88	2191	448.418	ug/l #	93
51) 4-Methyl-2-Pentanone	10.163	43	39331	102.093	ug/l	98
52) Toluene	10.334	92	48464	20.046	ug/l	98
53) t-1,3-Dichloropropene	10.551	75	19989	18.509	ug/l	97
54) cis-1,3-Dichloropropene	10.016	75	27801	20.417	ug/l	95
55) 1,1,2-Trichloroethane	10.739	97	12989	19.043	ug/l	97
56) Ethyl methacrylate	10.598	69	14127	18.947	ug/l	97
57) 1,3-Dichloropropane	10.881	76	21759	19.664	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	9245	77.894	ug/l	97
59) 2-Hexanone	10.922	43	23325	88.706	ug/l	96
60) Dibromochloromethane	11.075	129	16321	19.851	ug/l	99
61) 1,2-Dibromoethane	11.175	107	12457	20.007	ug/l	98
64) Tetrachloroethene	10.810	164	18129	20.878	ug/l	95
65) Chlorobenzene	11.604	112	52706	21.300	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.681	131	18255	21.473	ug/l	100
67) Ethyl Benzene	11.681	91	91225	21.172	ug/l	97
68) m/p-Xylenes	11.792	106	75021	43.789	ug/l	96
69) o-Xylene	12.122	106	34909	21.894	ug/l	96
70) Styrene	12.133	104	59314	22.089	ug/l	99
71) Bromoform	12.298	173	9542	21.378	ug/l #	99
73) Isopropylbenzene	12.422	105	92328	20.701	ug/l	100
74) N-amyl acetate	12.228	43	13081	19.842	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.669	83	14152	20.043	ug/l	99
76) 1,2,3-Trichloropropane	12.722	75	16553	33.148	ug/l #	1
77) Bromobenzene	12.698	156	20872	20.734	ug/l	100
78) n-propylbenzene	12.763	91	110320	20.929	ug/l	99
79) 2-Chlorotoluene	12.845	91	58358	20.436	ug/l	96
80) 1,3,5-Trimethylbenzene	12.904	105	76904	21.241	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.463	75	3599	18.418	ug/l	97
82) 4-Chlorotoluene	12.945	91	62185	21.196	ug/l	97
83) tert-Butylbenzene	13.163	119	68096	21.083	ug/l	98
84) 1,2,4-Trimethylbenzene	13.210	105	75302	21.135	ug/l	98
85) sec-Butylbenzene	13.345	105	101396	20.920	ug/l	97
86) p-Isopropyltoluene	13.457	119	86494	21.301	ug/l	98
87) 1,3-Dichlorobenzene	13.457	146	43832	20.954	ug/l	99
88) 1,4-Dichlorobenzene	13.533	146	43155	21.074	ug/l	99
89) n-Butylbenzene	13.786	91	77928	21.065	ug/l	97
90) Hexachloroethane	14.051	117	15203	21.511	ug/l	97
91) 1,2-Dichlorobenzene	13.828	146	37233	21.337	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.451	75	1983	20.308	ug/l	98
93) 1,2,4-Trichlorobenzene	15.098	180	23340	20.276	ug/l	99
94) Hexachlorobutadiene	15.198	225	13171	20.799	ug/l	100
95) Naphthalene	15.333	128	42991	19.840	ug/l	99
96) 1,2,3-Trichlorobenzene	15.516	180	20395	20.669	ug/l	99

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Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD1021SBSD01

Quant Time: Oct 21 23:10:02 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101922S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 20 06:41:20 2022
Response via : Initial Calibration

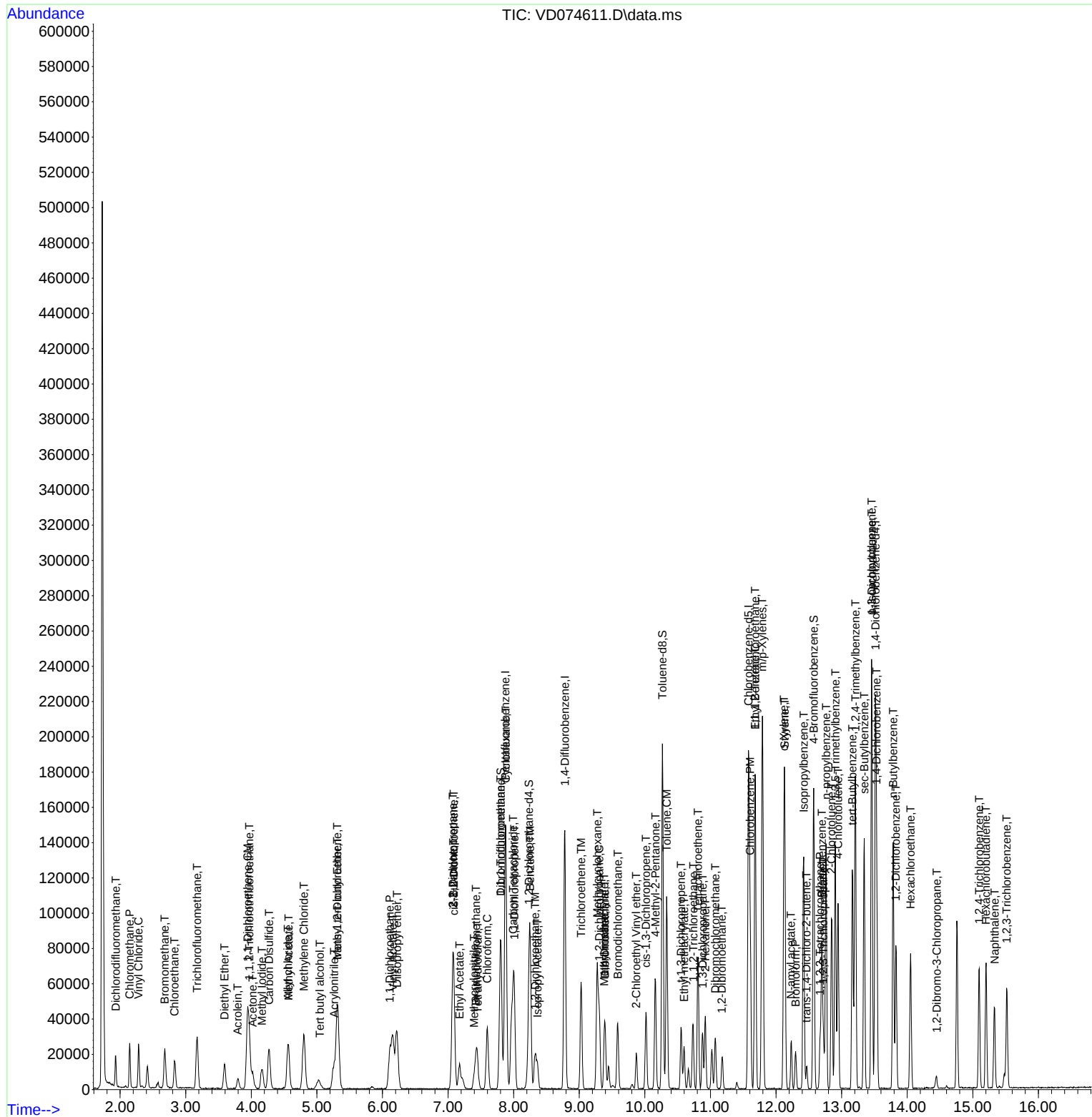
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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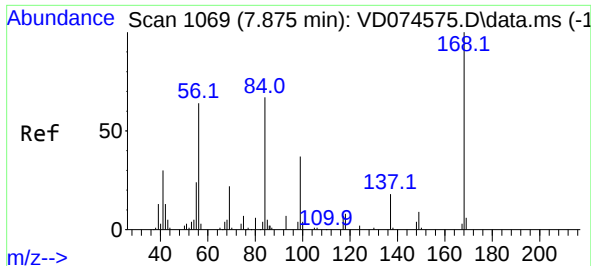
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102122\
Data File : VD074611.D
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Operator : VA/SY
Sample : VD1021SBSD01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
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ClientSampleId :
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Quant Time: Oct 21 23:10:02 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101922S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 20 06:41:20 2022
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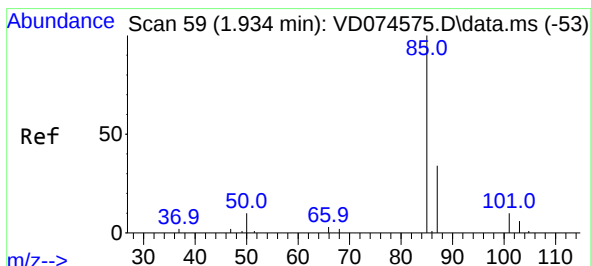
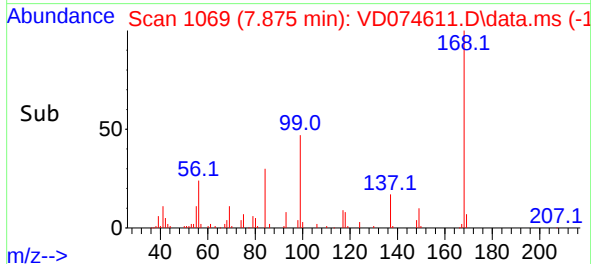
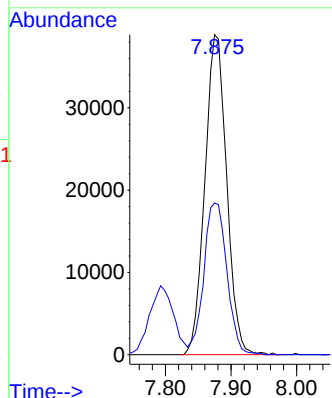
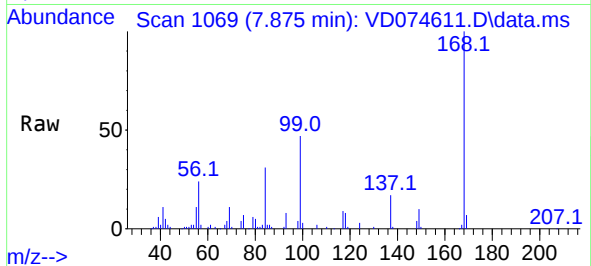




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD074611.D
Acq: 21 Oct 2022 13:09

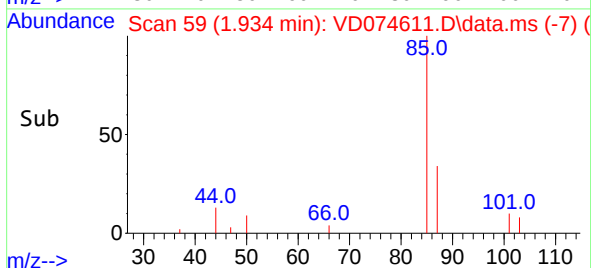
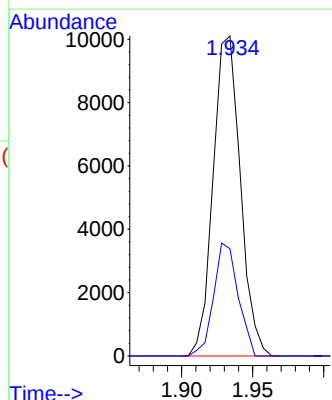
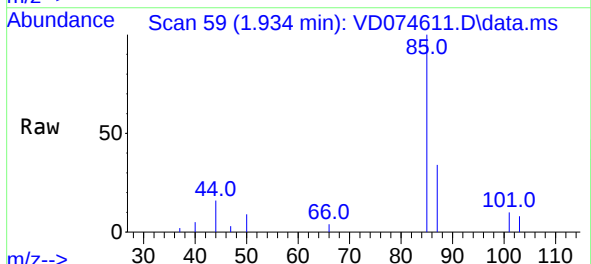
Instrument :
MSVOA_D
ClientSampleId :
VD1021SBS01

Tgt Ion:168 Resp: 89896
Ion Ratio Lower Upper
168 100
99 47.4 40.9 61.3

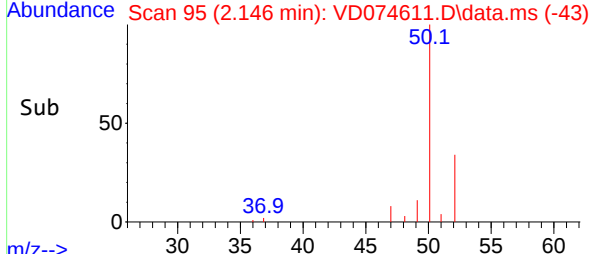
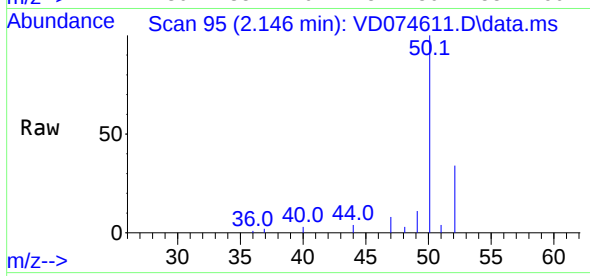
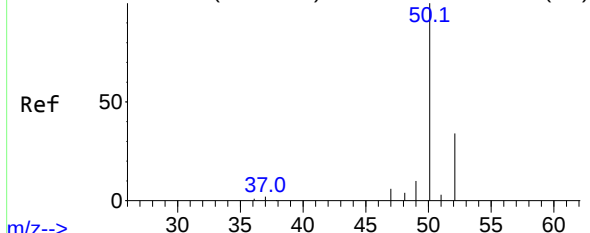


#2
Dichlorodifluoromethane
Concen: 19.308 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.006 min
Lab File: VD074611.D
Acq: 21 Oct 2022 13:09

Tgt Ion: 85 Resp: 13473
Ion Ratio Lower Upper
85 100
87 33.5 17.5 52.6



Abundance Scan 95 (2.146 min): VD074575.D\data.ms (-89)



#3

Chloromethane

Concen: 21.681 ug/l

RT: 2.146 min Scan# 95

Delta R.T. 0.006 min

Lab File: VD074611.D

Acq: 21 Oct 2022 13:09

Instrument :

MSVOA_D

ClientSampleId :

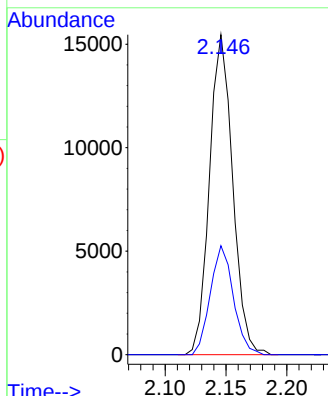
VD1021SBSD01

Tgt Ion: 50 Resp: 20480

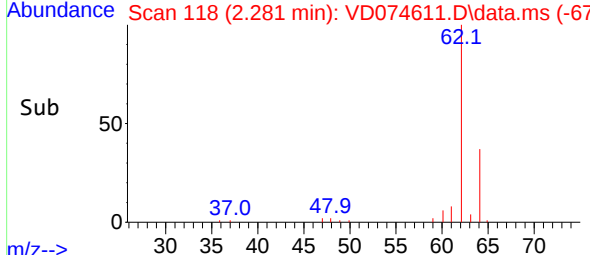
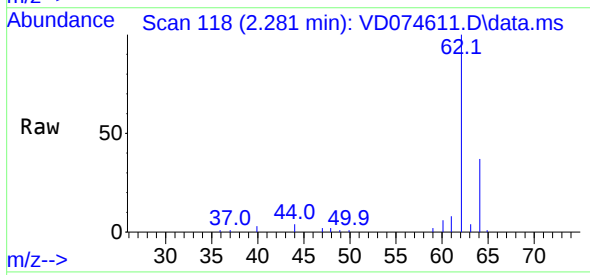
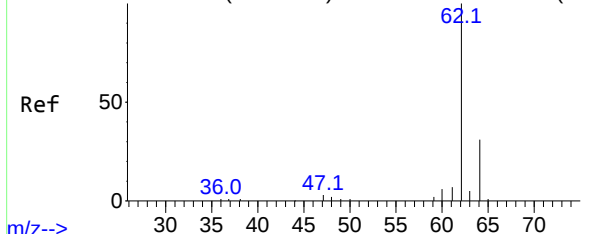
Ion Ratio Lower Upper

50 100

52 34.1 30.0 45.0



Abundance Scan 118 (2.281 min): VD074575.D\data.ms (-11)



#4

Vinyl Chloride

Concen: 20.549 ug/l

RT: 2.281 min Scan# 118

Delta R.T. 0.000 min

Lab File: VD074611.D

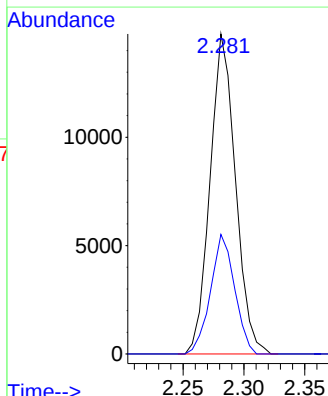
Acq: 21 Oct 2022 13:09

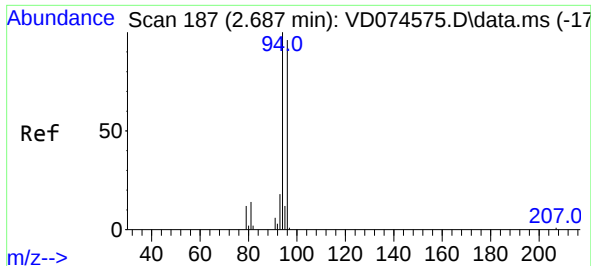
Tgt Ion: 62 Resp: 21465

Ion Ratio Lower Upper

62 100

64 37.3 25.5 38.3

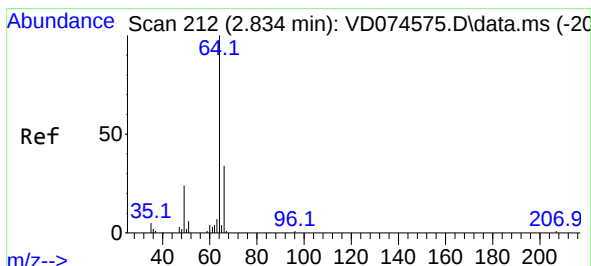
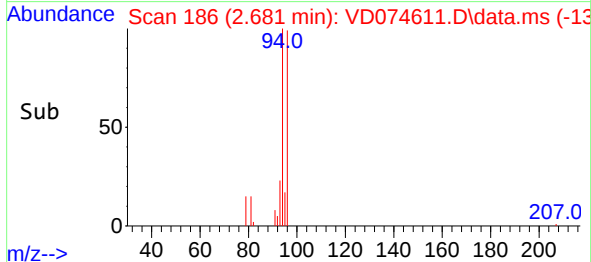
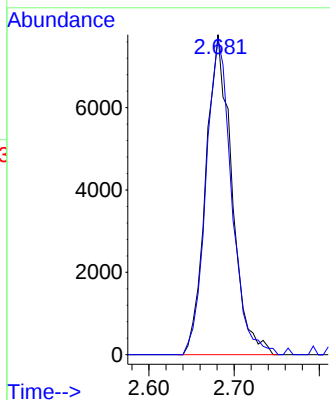
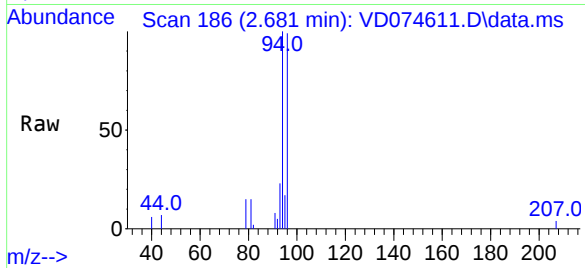




#5
Bromomethane
Concen: 20.817 ug/l
RT: 2.681 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD074611.D
Acq: 21 Oct 2022 13:09

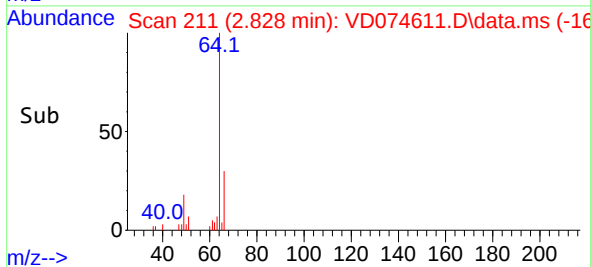
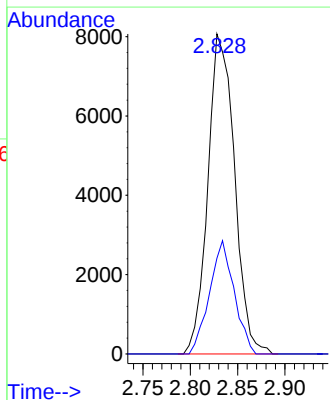
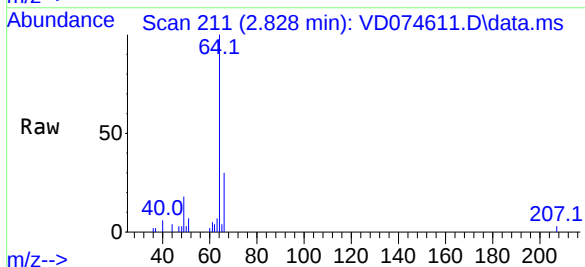
Instrument :
MSVOA_D
ClientSampleId :
VD1021SBSD01

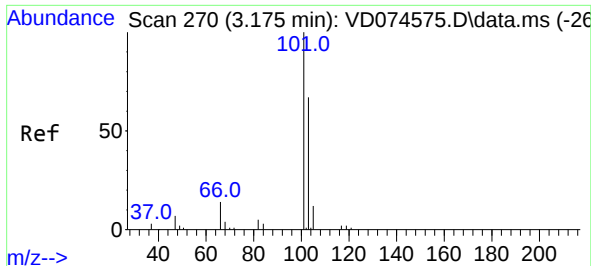
Tgt Ion: 94 Resp: 16467
Ion Ratio Lower Upper
94 100
96 98.7 74.6 112.0



#6
Chloroethane
Concen: 22.015 ug/l
RT: 2.828 min Scan# 211
Delta R.T. 0.000 min
Lab File: VD074611.D
Acq: 21 Oct 2022 13:09

Tgt Ion: 64 Resp: 15811
Ion Ratio Lower Upper
64 100
66 29.9 25.8 38.8

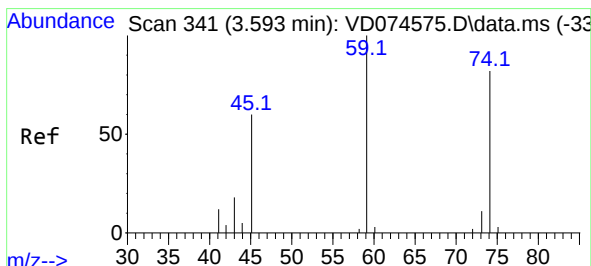
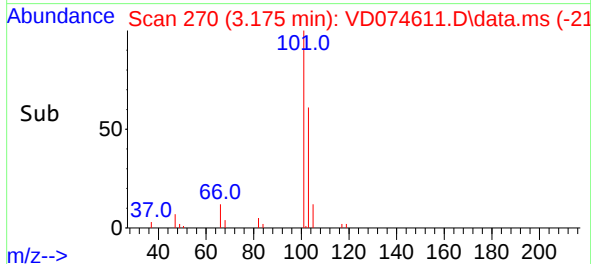
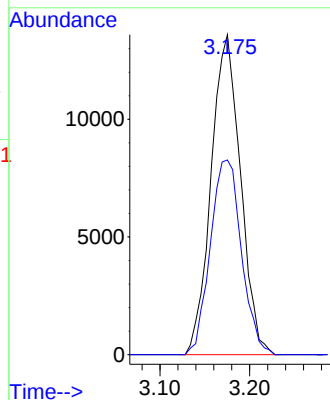
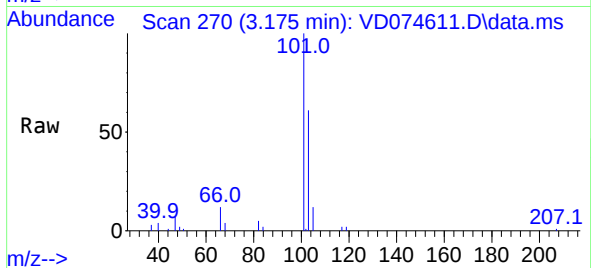




#7
Trichlorofluoromethane
Concen: 20.910 ug/l
RT: 3.175 min Scan# 210
Delta R.T. 0.006 min
Lab File: VD074611.D
Acq: 21 Oct 2022 13:09

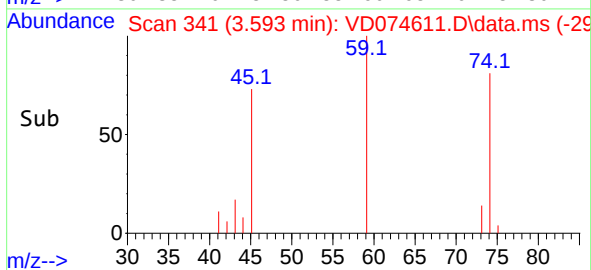
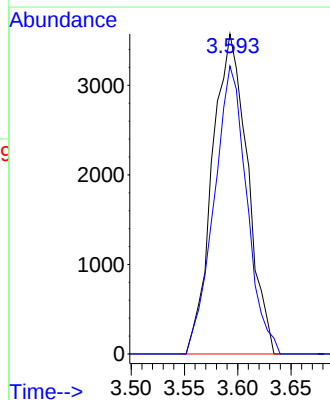
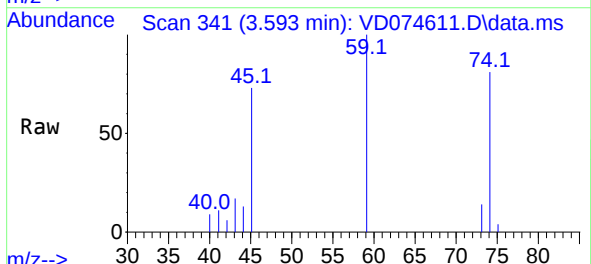
Instrument :
MSVOA_D
ClientSampleId :
VD1021SBSD01

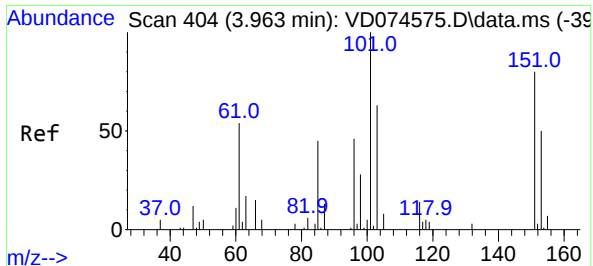
Tgt Ion:101 Resp: 30961
Ion Ratio Lower Upper
101 100
103 60.8 49.8 74.8



#8
Diethyl Ether
Concen: 19.105 ug/l
RT: 3.593 min Scan# 341
Delta R.T. -0.000 min
Lab File: VD074611.D
Acq: 21 Oct 2022 13:09

Tgt Ion: 74 Resp: 8192
Ion Ratio Lower Upper
74 100
45 83.9 37.9 113.6

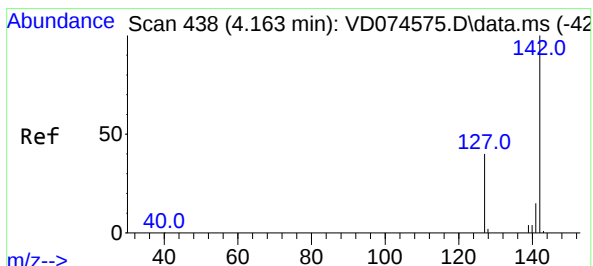
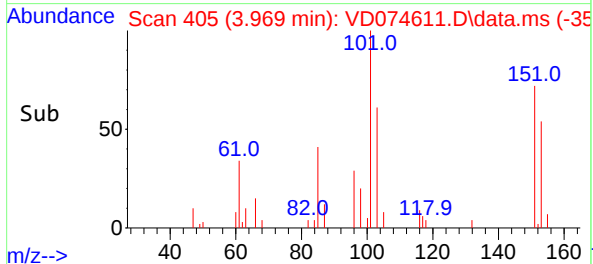
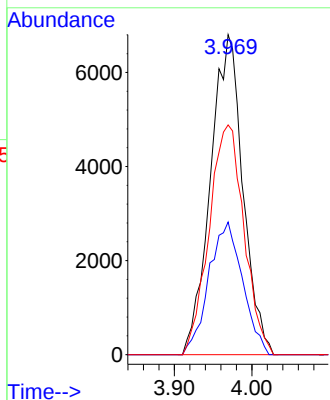
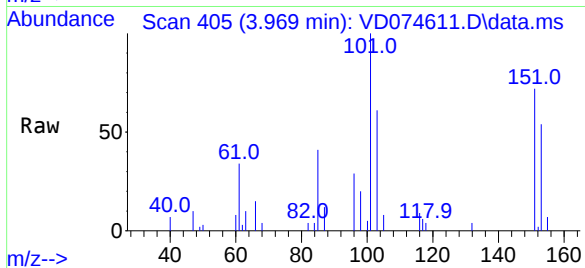




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.743 ug/l
RT: 3.969 min Scan# 404
Delta R.T. 0.006 min
Lab File: VD074611.D
Acq: 21 Oct 2022 13:09

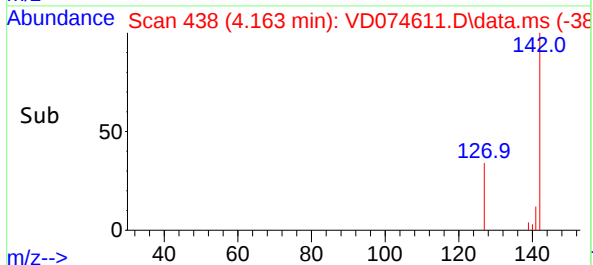
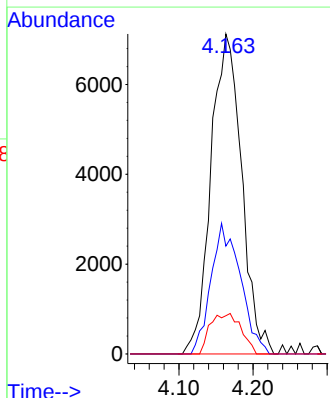
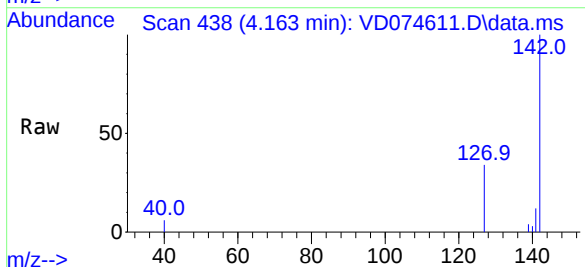
Instrument :
MSVOA_D
ClientSampleId :
VD1021SBS01

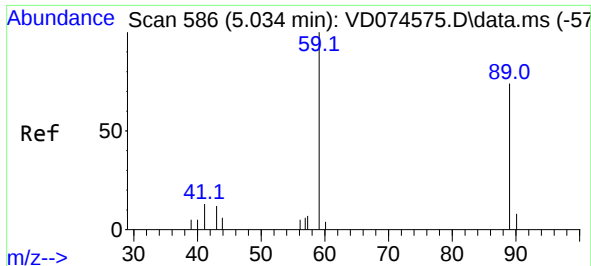
Tgt Ion:101 Resp: 19806
Ion Ratio Lower Upper
101 100
85 43.1 34.1 51.1
151 77.2 61.7 92.5



#10
Methyl Iodide
Concen: 19.067 ug/l
RT: 4.163 min Scan# 438
Delta R.T. 0.005 min
Lab File: VD074611.D
Acq: 21 Oct 2022 13:09

Tgt Ion:142 Resp: 20414
Ion Ratio Lower Upper
142 100
127 39.3 31.9 47.9
141 12.8 11.4 17.2

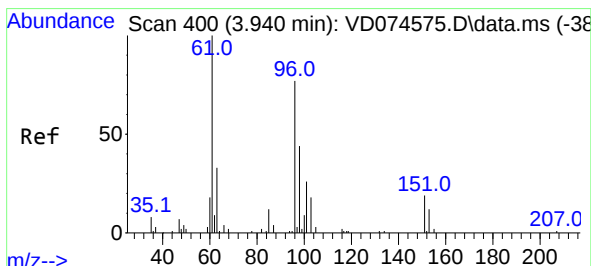
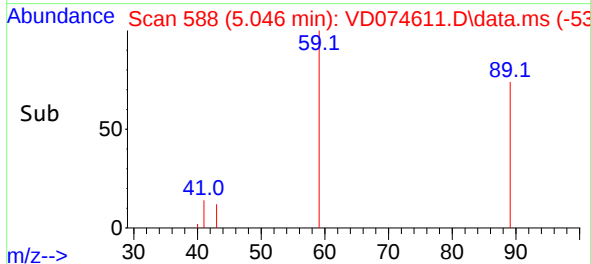
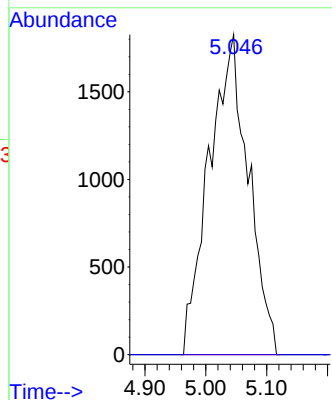
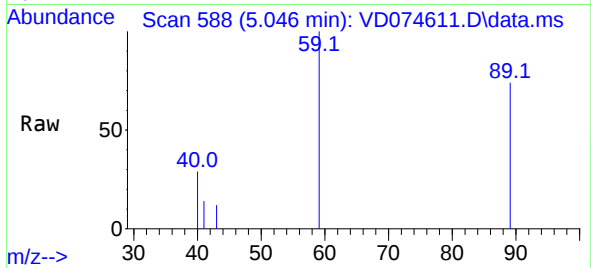




#11
Tert butyl alcohol
Concen: 49.665 ug/l
RT: 5.046 min Scan# 51
Delta R.T. -0.006 min
Lab File: VD074611.D
Acq: 21 Oct 2022 13:09

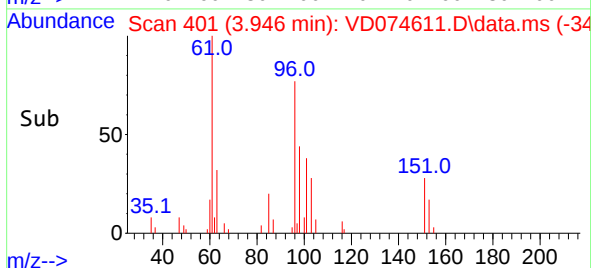
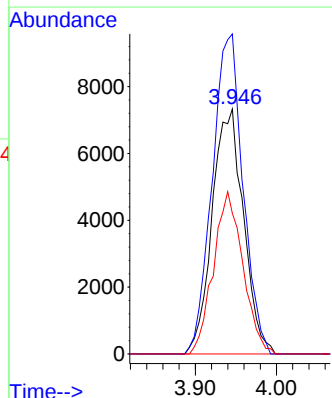
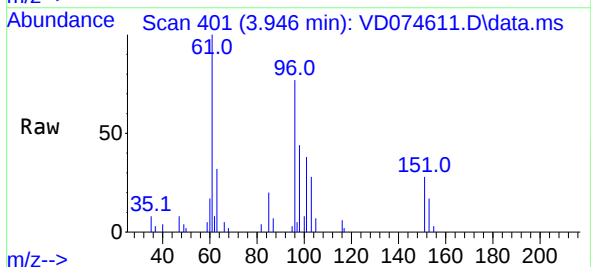
Instrument :
MSVOA_D
ClientSampleId :
VD1021SBSD01

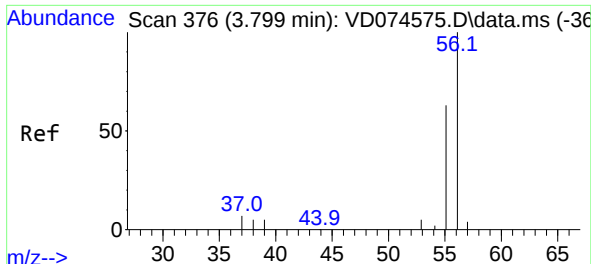
Tgt Ion: 59 Resp: 8199
Ion Ratio Lower Upper
59 100
57 0.0 4.4 6.6#



#12
1,1-Dichloroethene
Concen: 20.550 ug/l
RT: 3.946 min Scan# 401
Delta R.T. 0.012 min
Lab File: VD074611.D
Acq: 21 Oct 2022 13:09

Tgt Ion: 96 Resp: 19626
Ion Ratio Lower Upper
96 100
61 130.6 113.9 170.9
98 57.4 51.8 77.8

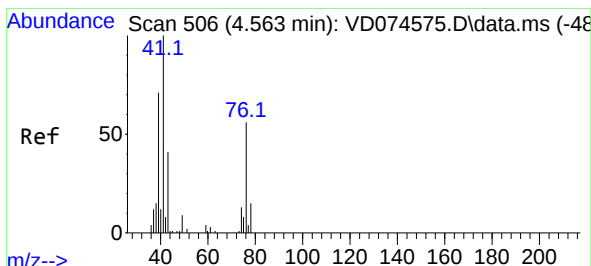
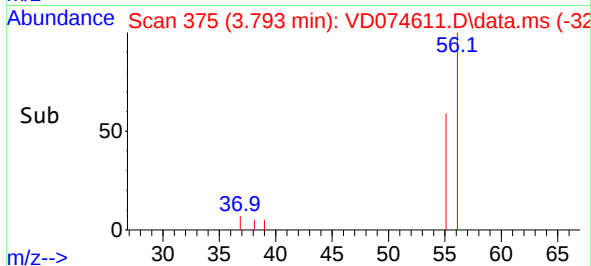
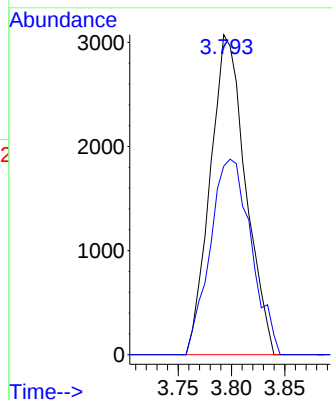
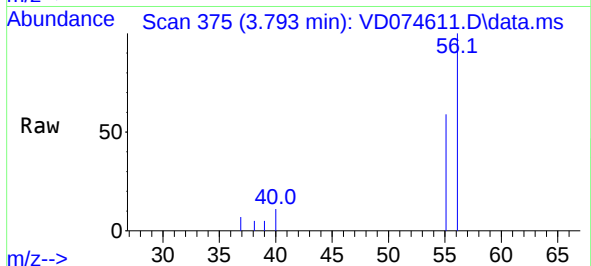




#13
Acrolein
Concen: 96.370 ug/l
RT: 3.793 min Scan# 31
Delta R.T. -0.006 min
Lab File: VD074611.D
Acq: 21 Oct 2022 13:09

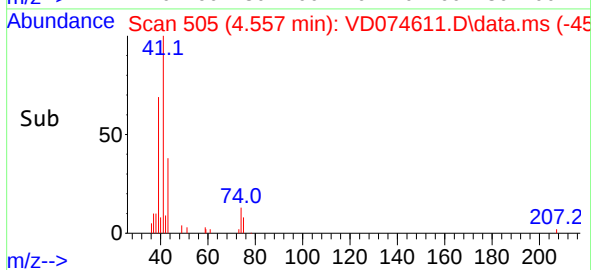
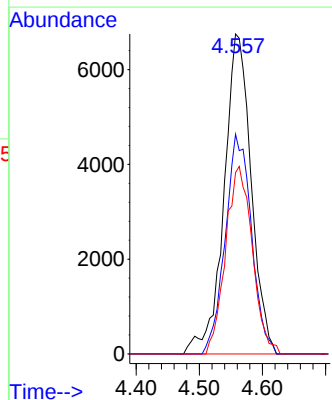
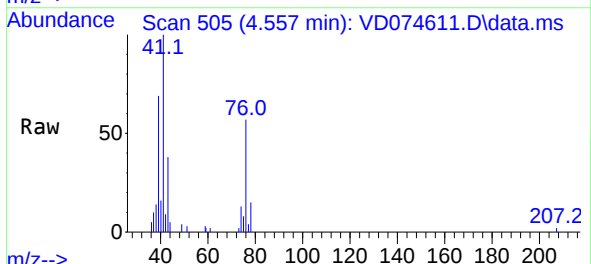
Instrument :
MSVOA_D
ClientSampleId :
VD1021SBS01

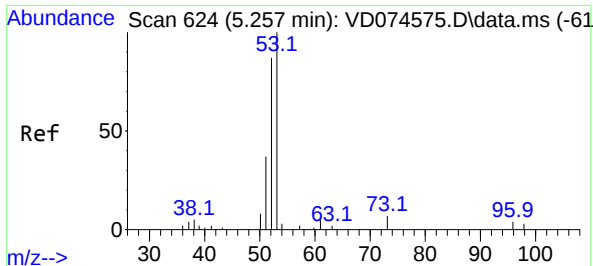
Tgt Ion: 56 Resp: 7084
Ion Ratio Lower Upper
56 100
55 71.2 54.0 81.0



#14
Allyl chloride
Concen: 19.574 ug/l
RT: 4.557 min Scan# 505
Delta R.T. 0.005 min
Lab File: VD074611.D
Acq: 21 Oct 2022 13:09

Tgt Ion: 41 Resp: 20188
Ion Ratio Lower Upper
41 100
39 66.2 53.4 80.2
76 57.6 42.4 63.6

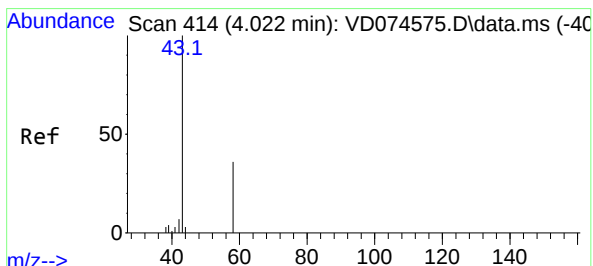
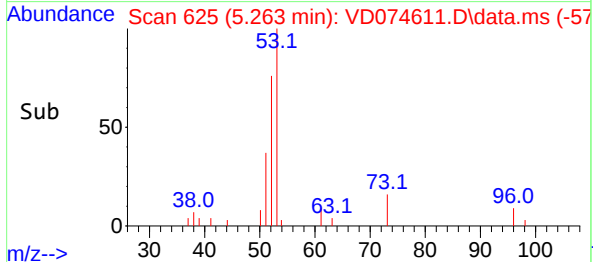
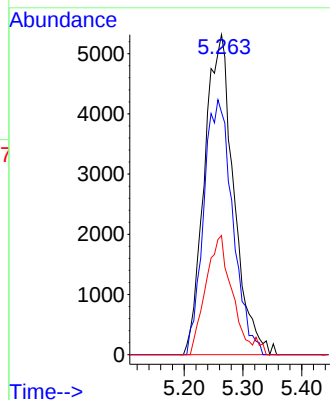
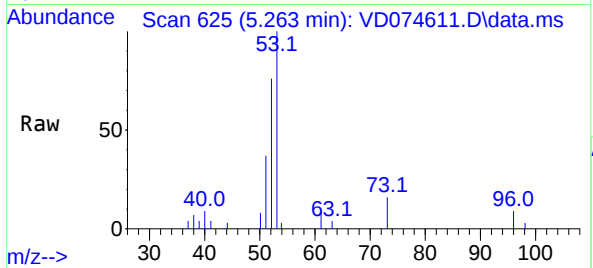




#15
Acrylonitrile
Concen: 105.125 ug/l
RT: 5.263 min Scan# 61
Delta R.T. 0.011 min
Lab File: VD074611.D
Acq: 21 Oct 2022 13:09

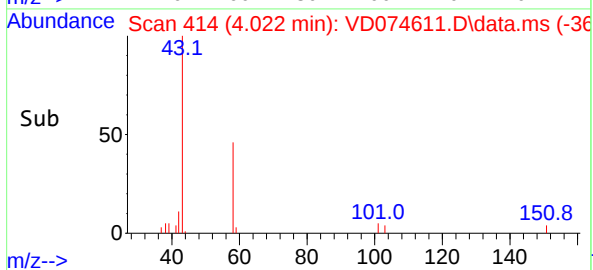
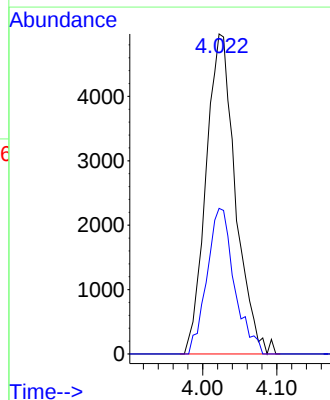
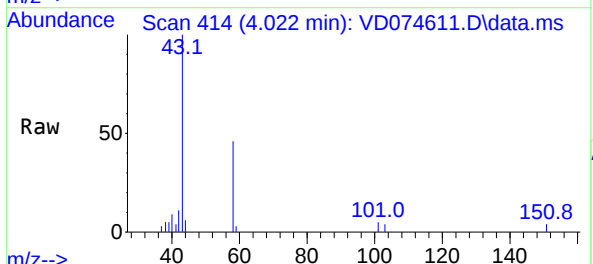
Instrument :
MSVOA_D
ClientSampleId :
VD1021SBSD01

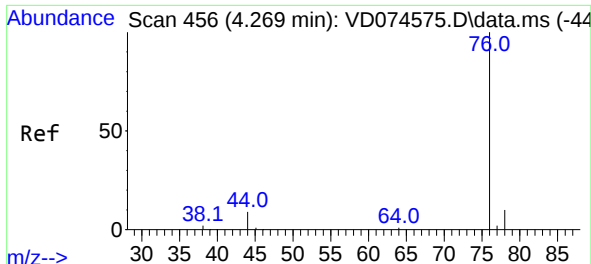
Tgt Ion: 53 Resp: 18423
Ion Ratio Lower Upper
53 100
52 78.9 66.0 99.0
51 33.0 28.3 42.5



#16
Acetone
Concen: 91.483 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD074611.D
Acq: 21 Oct 2022 13:09

Tgt Ion: 43 Resp: 13711
Ion Ratio Lower Upper
43 100
58 45.5 30.2 45.2#

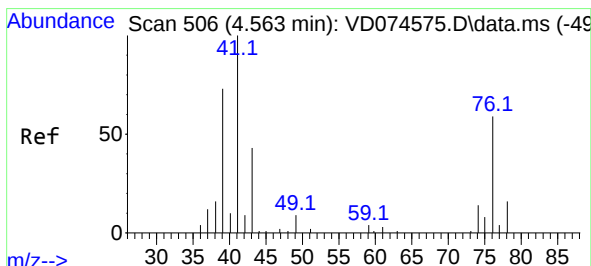
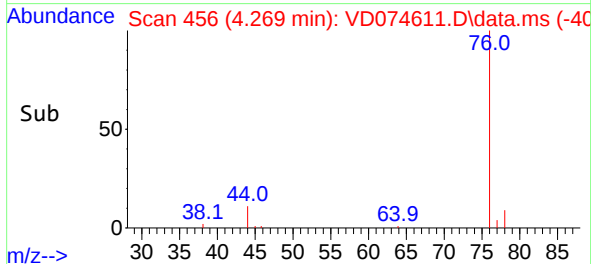
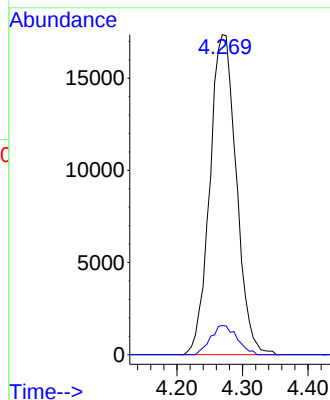
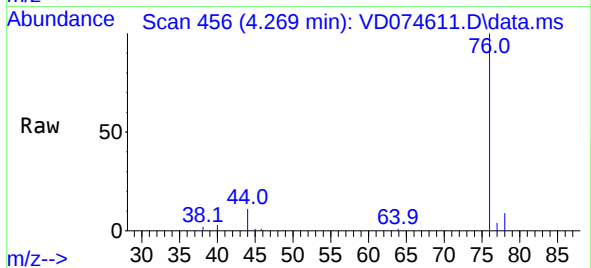




#17
Carbon Disulfide
Concen: 18.609 ug/l
RT: 4.269 min Scan# 411
Delta R.T. 0.000 min
Lab File: VD074611.D
Acq: 21 Oct 2022 13:09

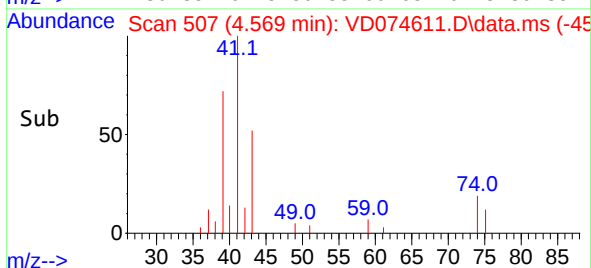
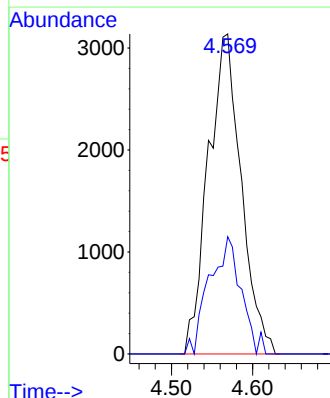
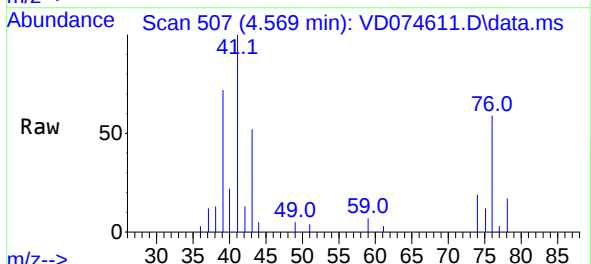
Instrument :
MSVOA_D
ClientSampleId :
VD1021SBSD01

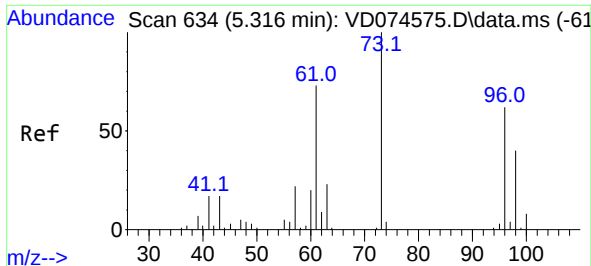
Tgt Ion: 76 Resp: 48632
Ion Ratio Lower Upper
76 100
78 9.1 7.8 11.8



#18
Methyl Acetate
Concen: 20.143 ug/l
RT: 4.569 min Scan# 507
Delta R.T. 0.011 min
Lab File: VD074611.D
Acq: 21 Oct 2022 13:09

Tgt Ion: 43 Resp: 8857
Ion Ratio Lower Upper
43 100
74 35.1 24.7 37.1

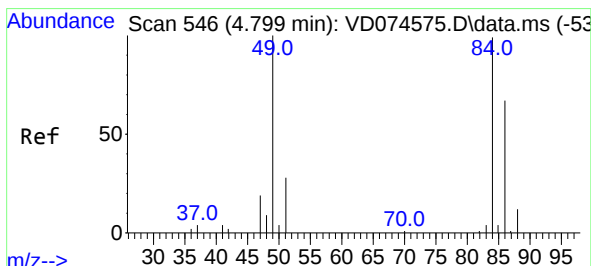
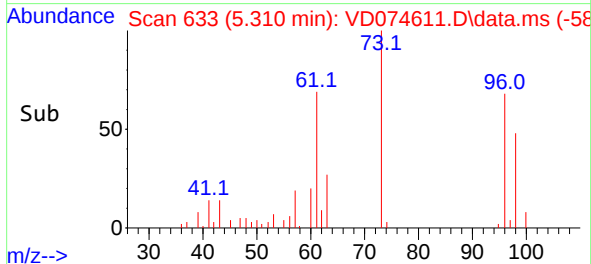
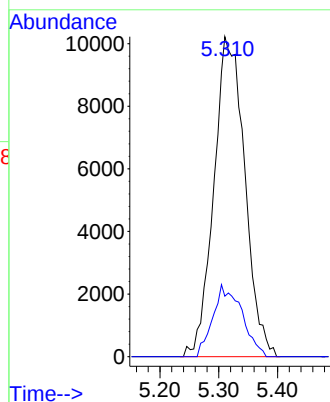
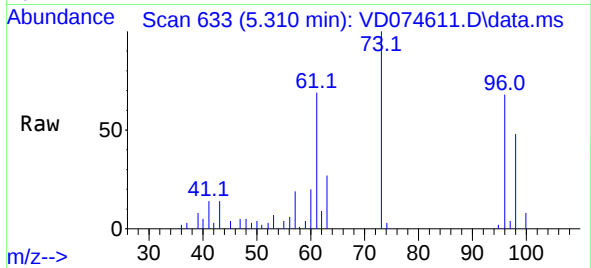




#19
Methyl tert-butyl Ether
Concen: 19.991 ug/l
RT: 5.310 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD074611.D
Acq: 21 Oct 2022 13:09

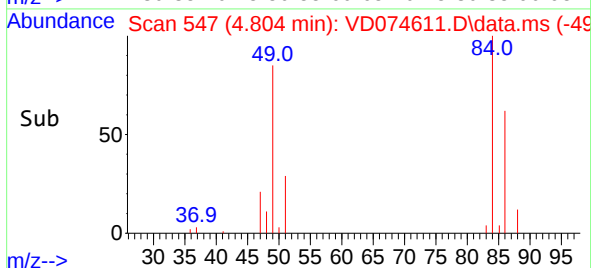
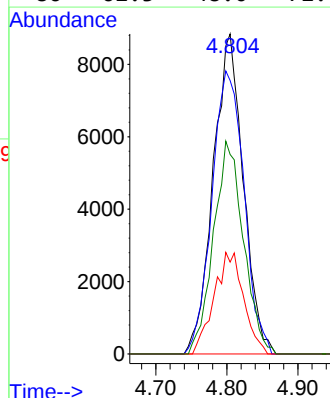
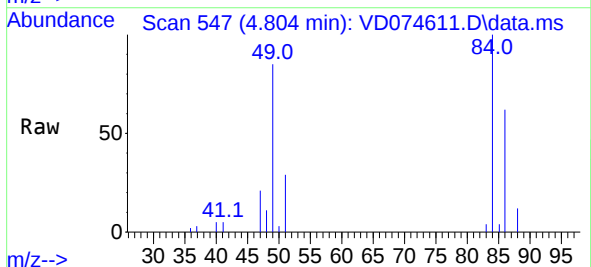
Instrument :
MSVOA_D
ClientSampleId :
VD1021SBS01

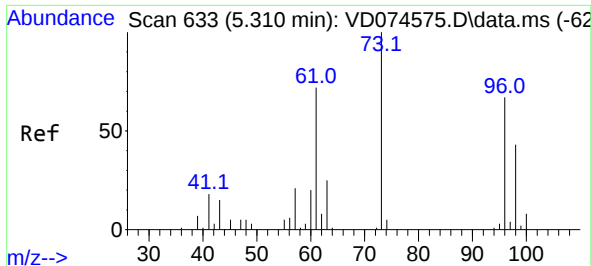
Tgt Ion: 73 Resp: 37308
Ion Ratio Lower Upper
73 100
57 18.9 16.1 24.1



#20
Methylene Chloride
Concen: 15.629 ug/l
RT: 4.804 min Scan# 547
Delta R.T. 0.005 min
Lab File: VD074611.D
Acq: 21 Oct 2022 13:09

Tgt Ion: 84 Resp: 25987
Ion Ratio Lower Upper
84 100
49 85.4 68.0 102.0
51 28.7 23.2 34.8
86 62.3 48.0 72.0

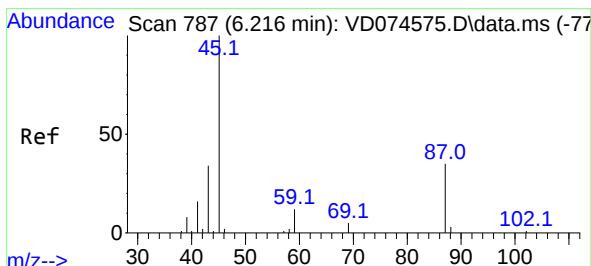
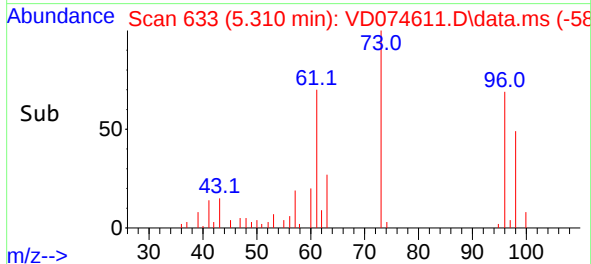
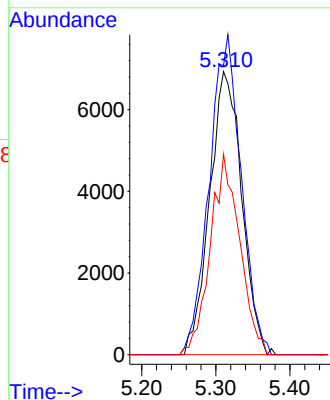
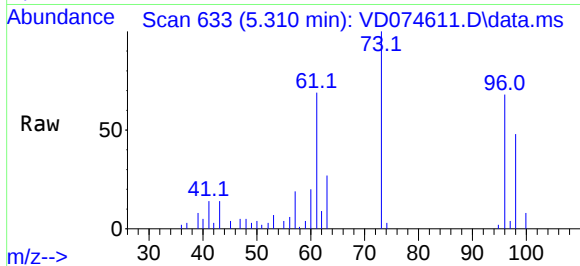




#21
trans-1,2-Dichloroethene
Concen: 19.578 ug/l
RT: 5.310 min Scan# 611
Delta R.T. 0.000 min
Lab File: VD074611.D
Acq: 21 Oct 2022 13:09

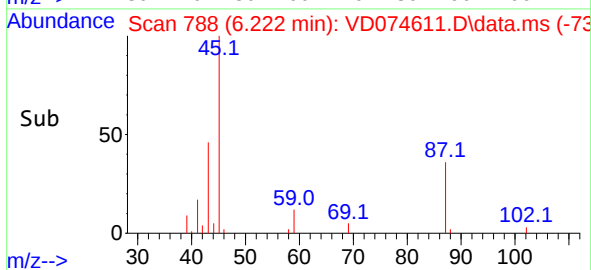
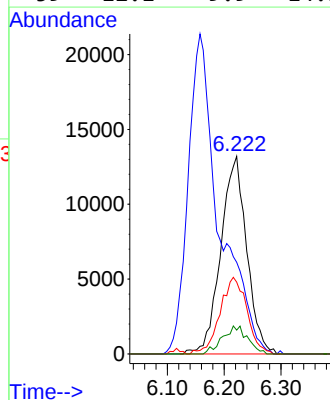
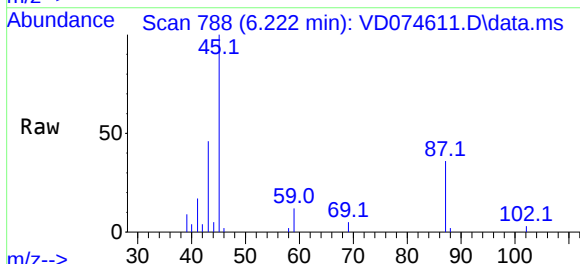
Instrument :
MSVOA_D
ClientSampleId :
VD1021SBSD01

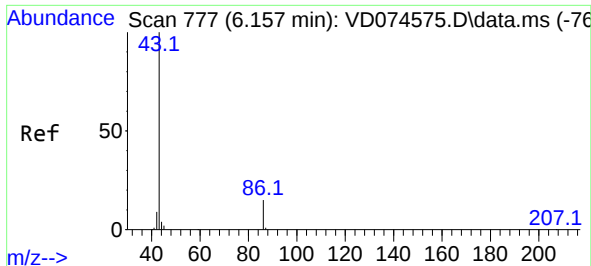
Tgt Ion: 96 Resp: 20844
Ion Ratio Lower Upper
96 100
61 102.3 95.7 143.5
98 70.8 54.8 82.2



#22
Diisopropyl ether
Concen: 20.106 ug/l
RT: 6.222 min Scan# 788
Delta R.T. 0.006 min
Lab File: VD074611.D
Acq: 21 Oct 2022 13:09

Tgt Ion: 45 Resp: 41844
Ion Ratio Lower Upper
45 100
43 44.8 37.8 56.6
87 36.3 26.6 40.0
59 12.1 9.9 14.9

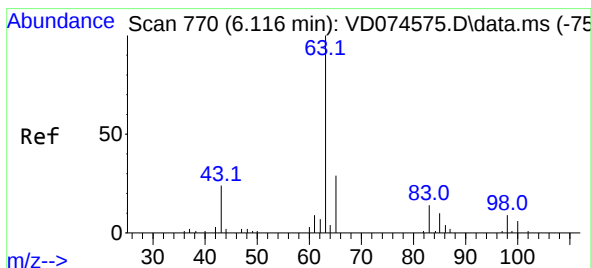
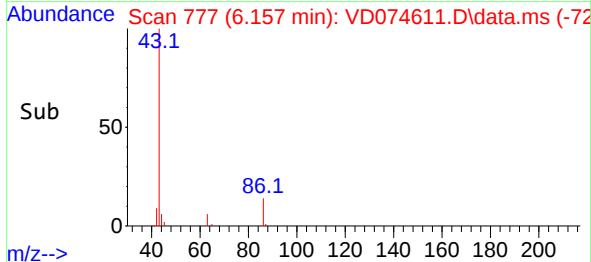
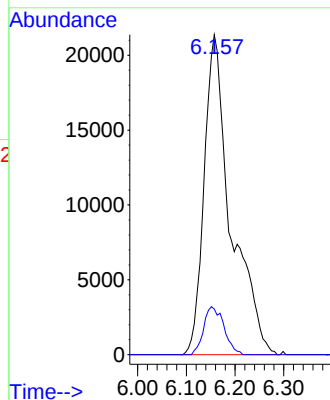
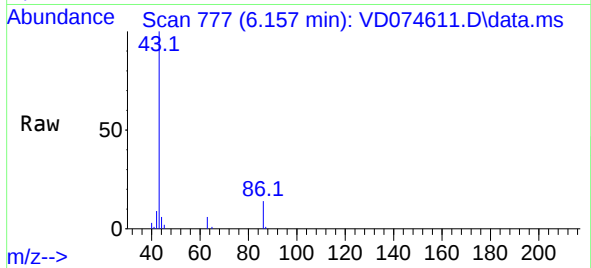




#23
 Vinyl Acetate
 Concen: 89.478 ug/l
 RT: 6.157 min Scan# 711
 Delta R.T. 0.000 min
 Lab File: VD074611.D
 Acq: 21 Oct 2022 13:09

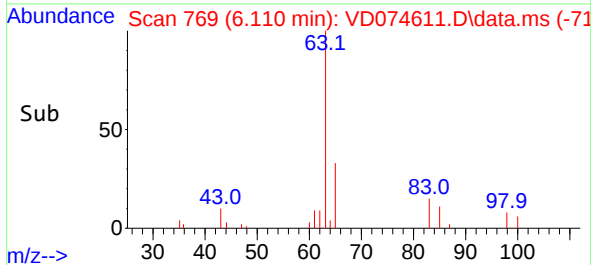
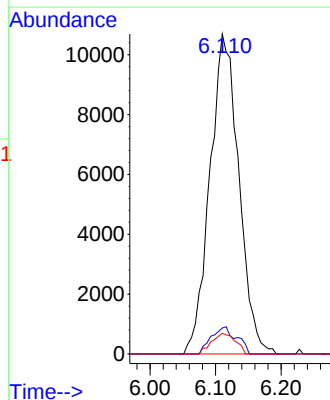
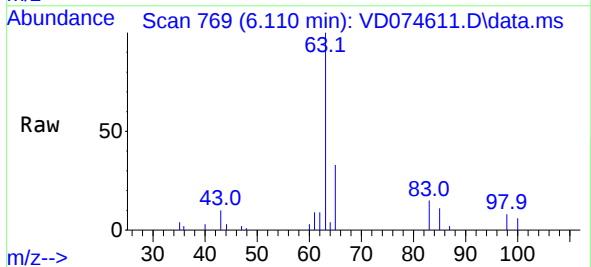
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1021SBS01

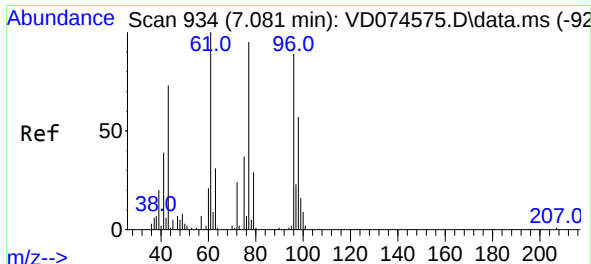
Tgt Ion: 43 Resp: 81433
 Ion Ratio Lower Upper
 43 100
 86 14.3 11.2 16.8



#24
 1,1-Dichloroethane
 Concen: 20.251 ug/l
 RT: 6.110 min Scan# 769
 Delta R.T. 0.005 min
 Lab File: VD074611.D
 Acq: 21 Oct 2022 13:09

Tgt Ion: 63 Resp: 32711
 Ion Ratio Lower Upper
 63 100
 98 8.1 4.6 13.8
 100 6.4 2.9 8.6

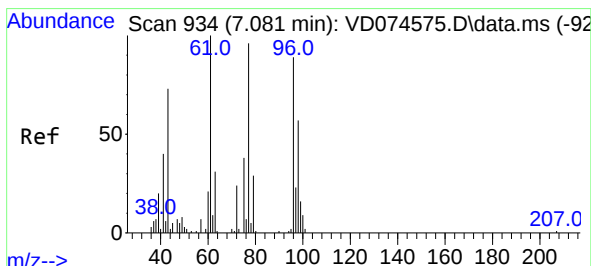
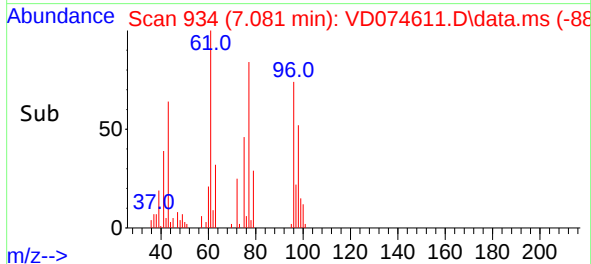
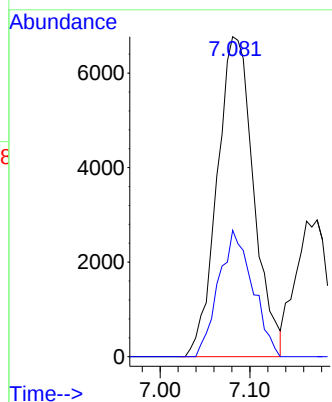
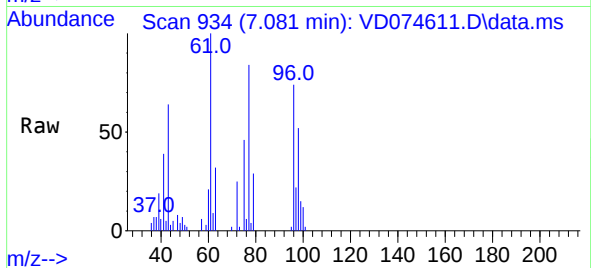




#25
2-Butanone
Concen: 95.408 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD074611.D
Acq: 21 Oct 2022 13:09

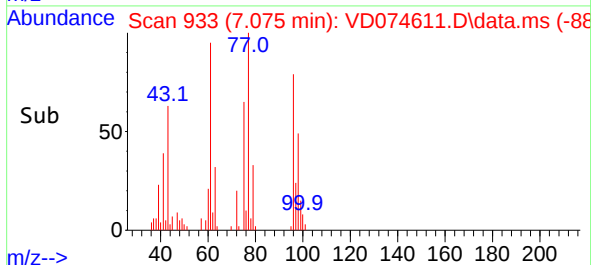
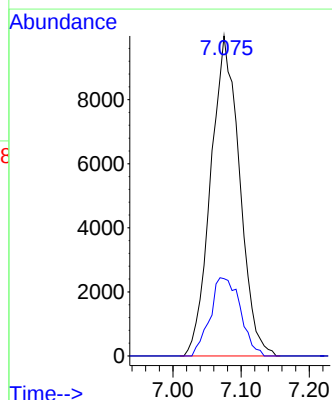
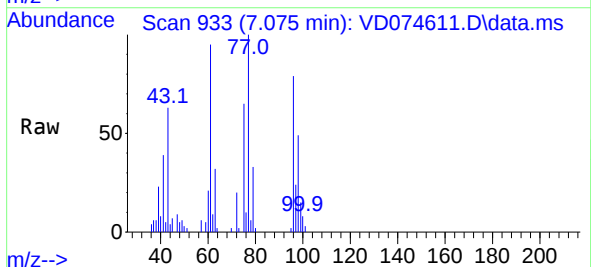
Instrument :
MSVOA_D
ClientSampleId :
VD1021SBSD01

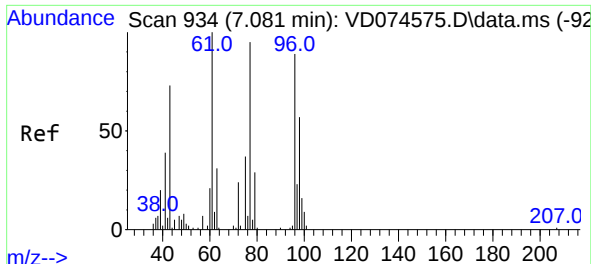
Tgt Ion: 43 Resp: 19121
Ion Ratio Lower Upper
43 100
72 39.5 25.8 38.8#



#26
2,2-Dichloropropane
Concen: 19.018 ug/l
RT: 7.075 min Scan# 933
Delta R.T. -0.000 min
Lab File: VD074611.D
Acq: 21 Oct 2022 13:09

Tgt Ion: 77 Resp: 29360
Ion Ratio Lower Upper
77 100
97 25.7 12.5 37.5

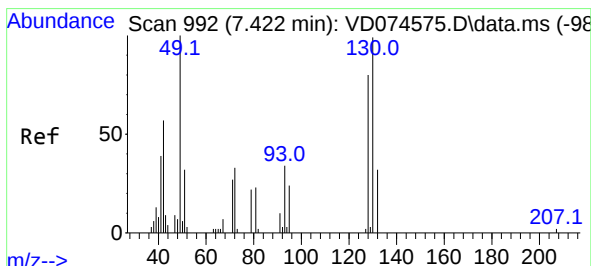
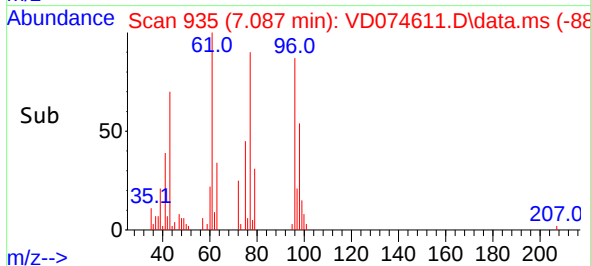
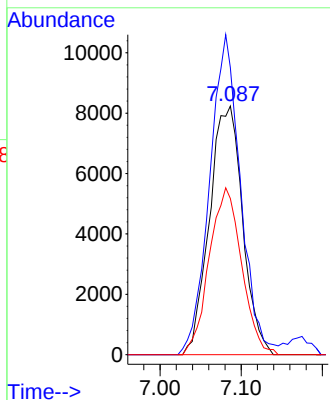
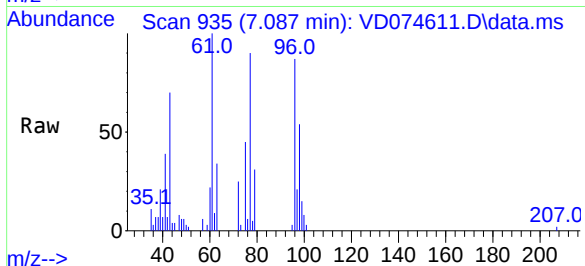




#27
 cis-1,2-Dichloroethene
 Concen: 19.799 ug/l
 RT: 7.087 min Scan# 91
 Delta R.T. 0.012 min
 Lab File: VD074611.D
 Acq: 21 Oct 2022 13:09

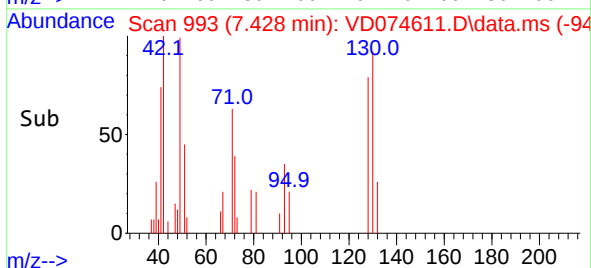
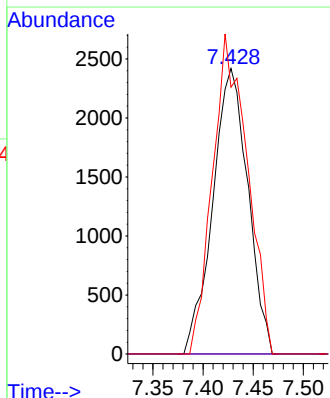
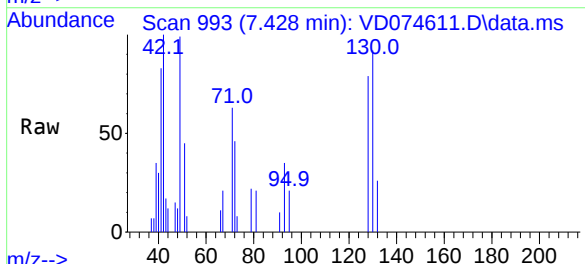
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1021SBSD01

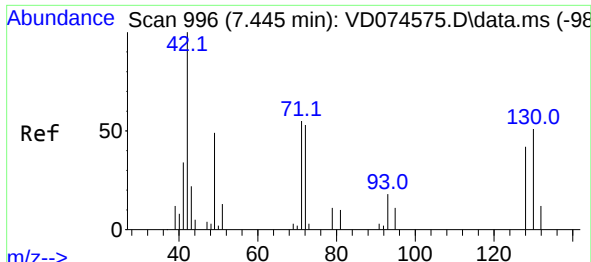
Tgt Ion: 96	Resp: 23379
Ion Ratio	Lower Upper
96 100	
61 120.0	0.0 242.4
98 65.6	0.0 130.0



#28
 Bromochloromethane
 Concen: 15.927 ug/l
 RT: 7.428 min Scan# 993
 Delta R.T. -0.000 min
 Lab File: VD074611.D
 Acq: 21 Oct 2022 13:09

Tgt Ion: 49	Resp: 5888		
Ion Ratio	Lower	Upper	
49 100			
129 0.0	0.0	5.0	
130 111.0	84.1	126.1	

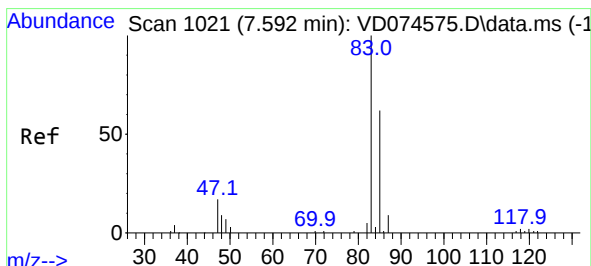
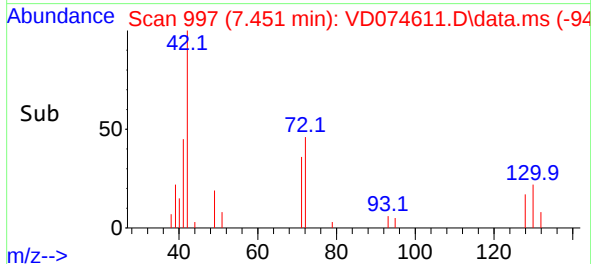
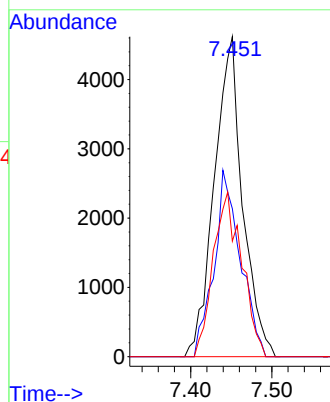
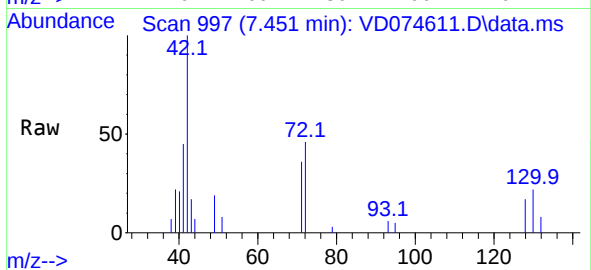




#29
Tetrahydrofuran
Concen: 102.397 ug/l
RT: 7.451 min Scan# 997
Delta R.T. 0.005 min
Lab File: VD074611.D
Acq: 21 Oct 2022 13:09

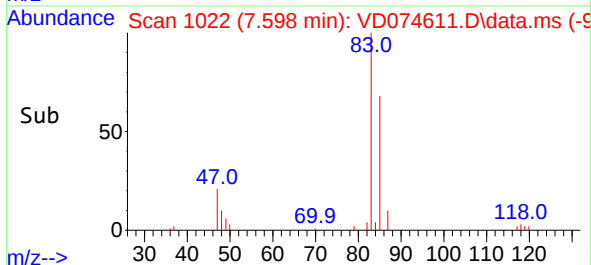
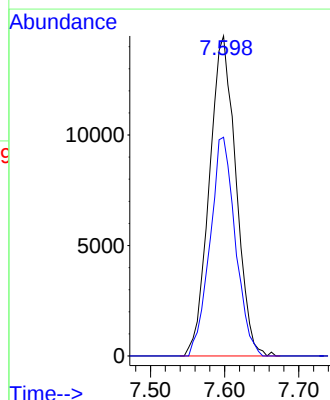
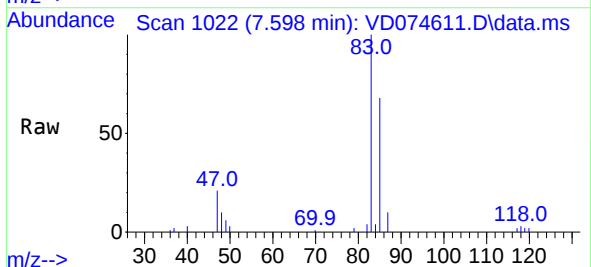
Instrument :
MSVOA_D
ClientSampleId :
VD1021SBSD01

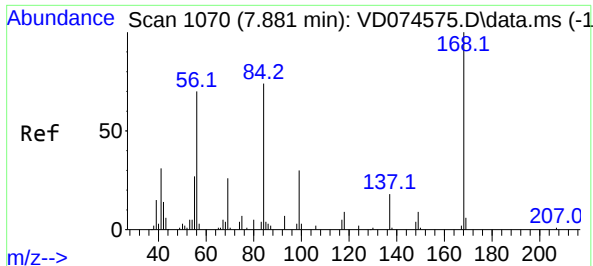
Tgt Ion: 42 Resp: 11193
Ion Ratio Lower Upper
42 100
72 54.3 45.8 68.6
71 52.1 44.6 66.8



#30
Chloroform
Concen: 20.732 ug/l
RT: 7.598 min Scan# 1022
Delta R.T. 0.005 min
Lab File: VD074611.D
Acq: 21 Oct 2022 13:09

Tgt Ion: 83 Resp: 36033
Ion Ratio Lower Upper
83 100
85 68.3 52.0 78.0

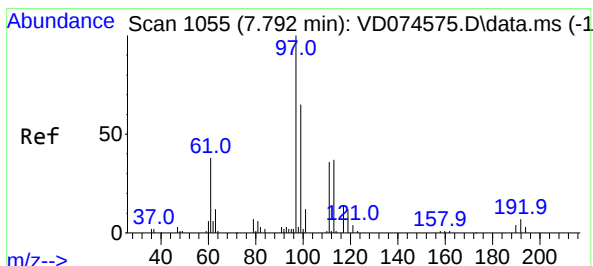
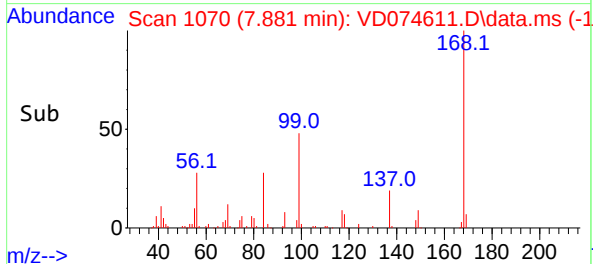
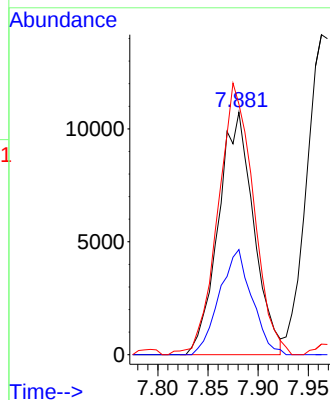
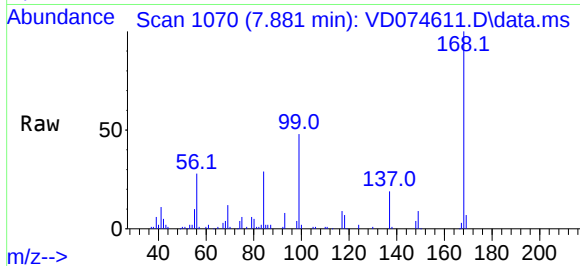




#31
Cyclohexane
Concen: 19.063 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.006 min
Lab File: VD074611.D
Acq: 21 Oct 2022 13:09

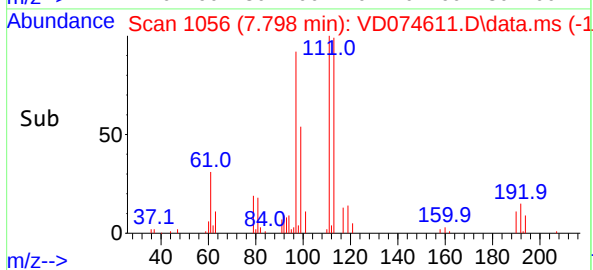
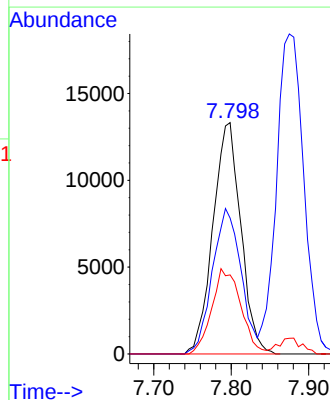
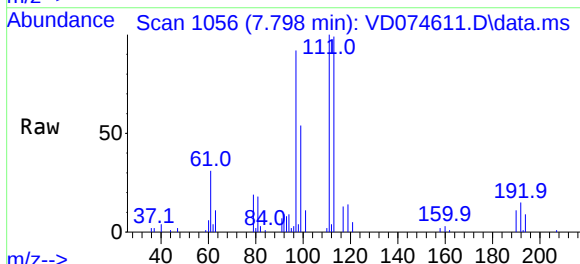
Instrument :
MSVOA_D
ClientSampleId :
VD1021SBSD01

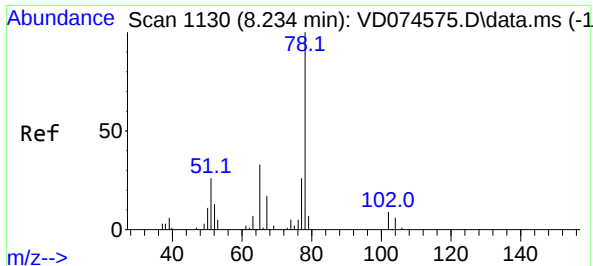
Tgt Ion: 56 Resp: 26282
Ion Ratio Lower Upper
56 100
69 43.4 29.2 43.8
84 101.8 83.4 125.2



#32
1,1,1-Trichloroethane
Concen: 20.921 ug/l
RT: 7.798 min Scan# 1056
Delta R.T. 0.005 min
Lab File: VD074611.D
Acq: 21 Oct 2022 13:09

Tgt Ion: 97 Resp: 33345
Ion Ratio Lower Upper
97 100
99 64.4 53.3 79.9
61 38.3 30.2 45.4





#33

1,2-Dichloroethane-d4

Concen: 45.923 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VD074611.D

Acq: 21 Oct 2022 13:09

Instrument :

MSVOA_D

ClientSampleId :

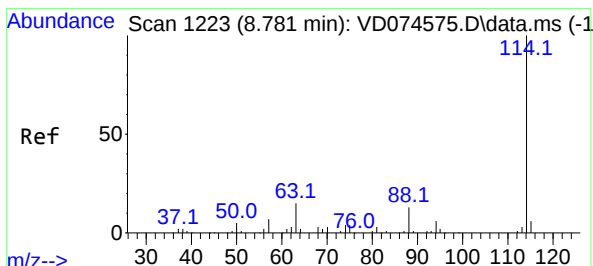
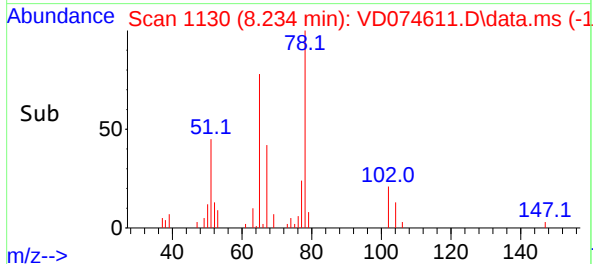
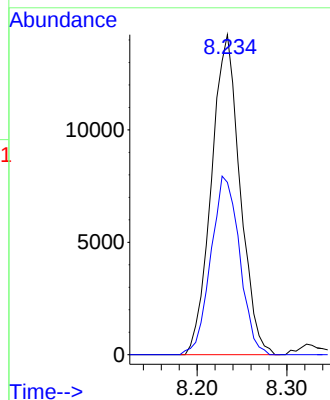
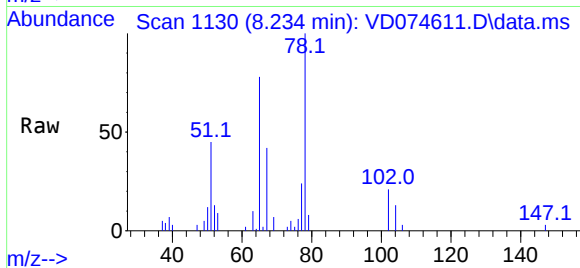
VD1021SBSD01

Tgt Ion: 65 Resp: 31519

Ion Ratio Lower Upper

65 100

67 56.0 0.0 110.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.006 min

Lab File: VD074611.D

Acq: 21 Oct 2022 13:09

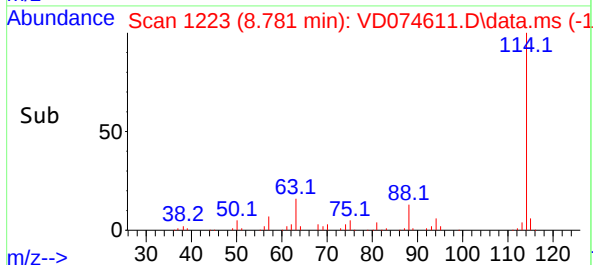
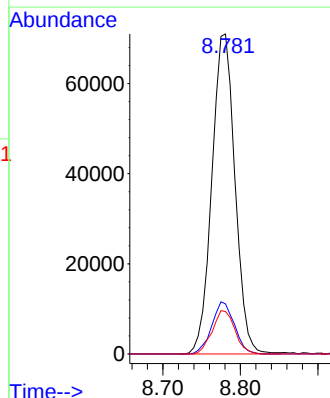
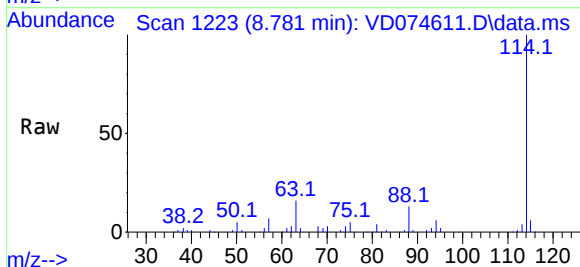
Tgt Ion: 114 Resp: 147039

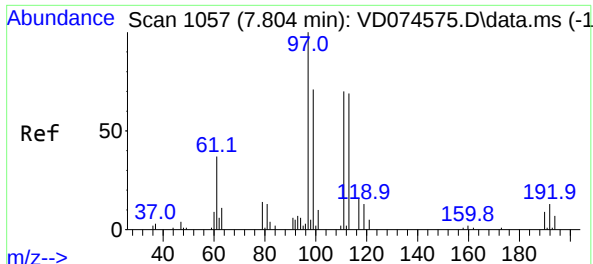
Ion Ratio Lower Upper

114 100

63 15.6 0.0 33.2

88 13.3 0.0 28.2

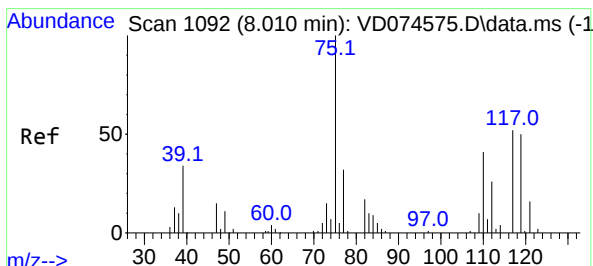
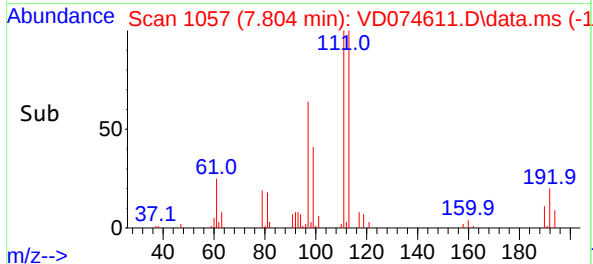
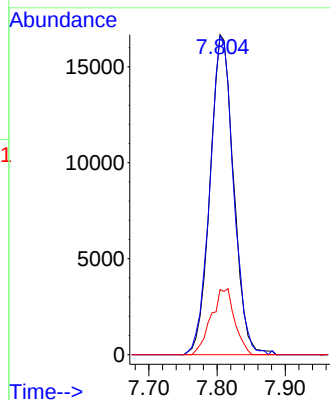
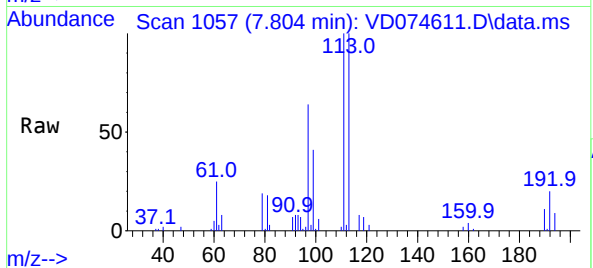




#35
Dibromofluoromethane
Concen: 48.996 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VD074611.D
Acq: 21 Oct 2022 13:09

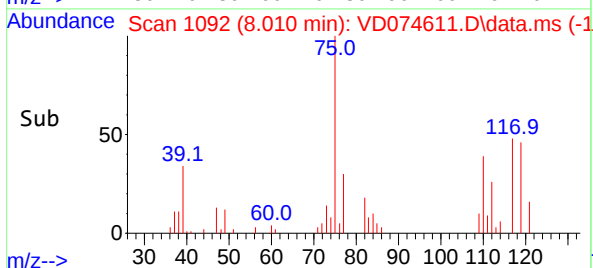
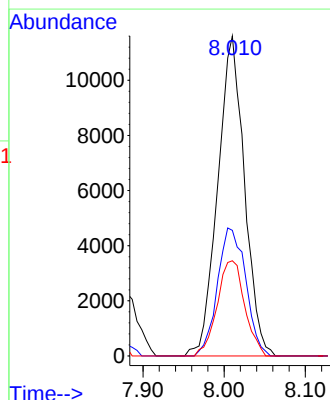
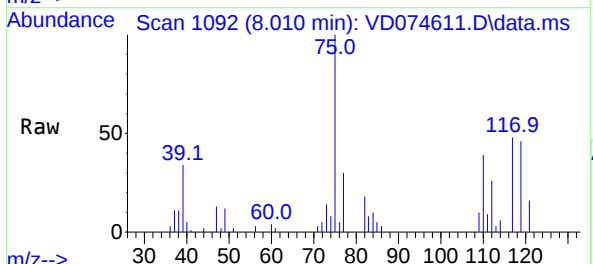
Instrument :
MSVOA_D
ClientSampleId :
VD1021SBSD01

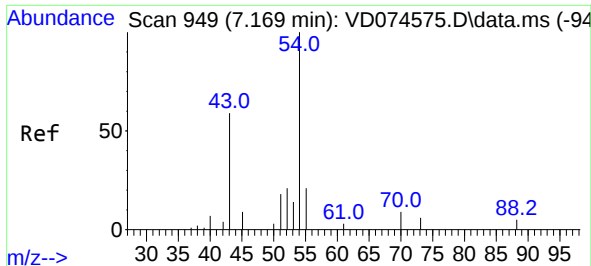
Tgt Ion:113 Resp: 39933
Ion Ratio Lower Upper
113 100
111 100.3 82.3 123.5
192 20.6 16.4 24.6



#36
1,1-Dichloropropene
Concen: 20.087 ug/l
RT: 8.010 min Scan# 1092
Delta R.T. 0.006 min
Lab File: VD074611.D
Acq: 21 Oct 2022 13:09

Tgt Ion: 75 Resp: 26533
Ion Ratio Lower Upper
75 100
110 42.3 19.7 59.0
77 30.7 25.4 38.2





#37

Ethyl Acetate

Concen: 18.802 ug/l

RT: 7.175 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD074611.D

Acq: 21 Oct 2022 13:09

Instrument :

MSVOA_D

ClientSampleId :

VD1021SBS01

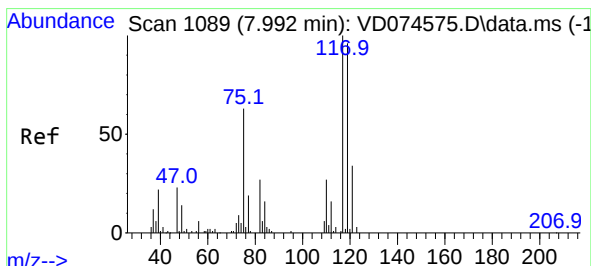
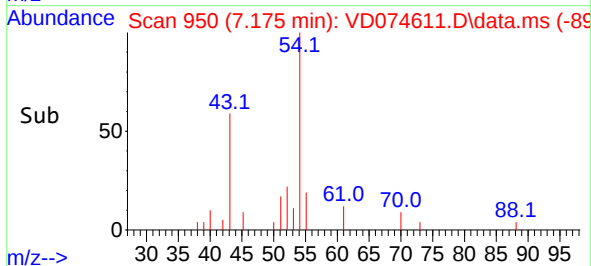
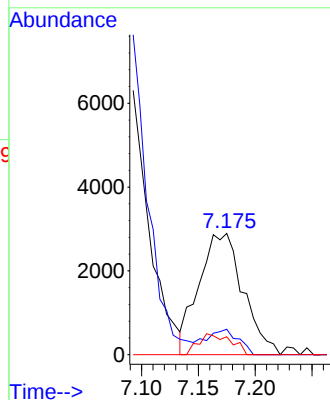
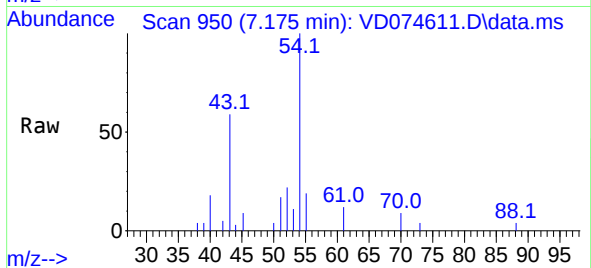
Tgt Ion: 43 Resp: 7836

Ion Ratio Lower Upper

43 100

61 15.1 12.2 18.4

70 12.5 9.6 14.4



#38

Carbon Tetrachloride

Concen: 20.535 ug/l

RT: 7.993 min Scan# 1089

Delta R.T. 0.006 min

Lab File: VD074611.D

Acq: 21 Oct 2022 13:09

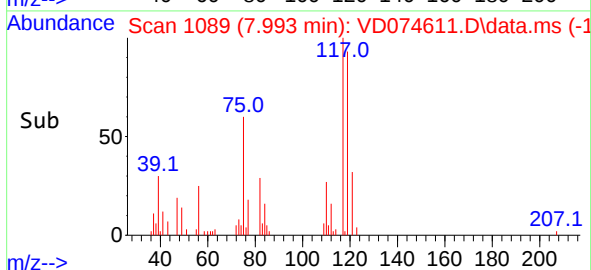
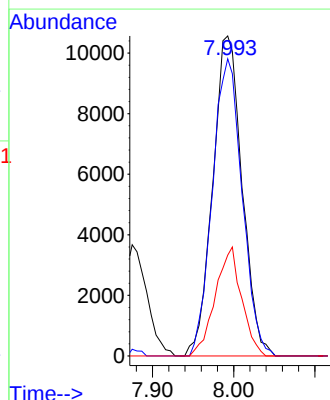
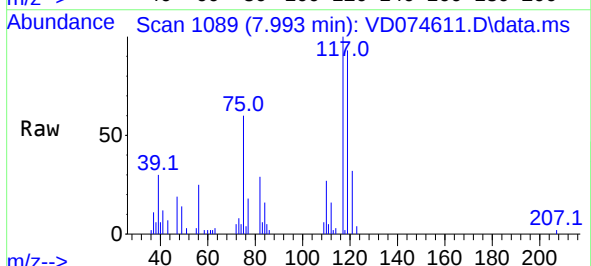
Tgt Ion: 117 Resp: 26561

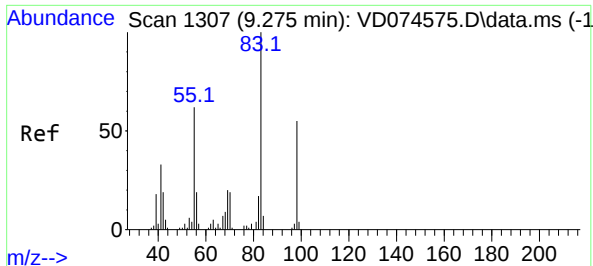
Ion Ratio Lower Upper

117 100

119 92.8 73.1 109.7

121 31.5 25.0 37.6





#39

Methylcyclohexane

Concen: 19.648 ug/l

RT: 9.275 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD074611.D

Acq: 21 Oct 2022 13:09

Instrument :

MSVOA_D

ClientSampleId :

VD1021SBSD01

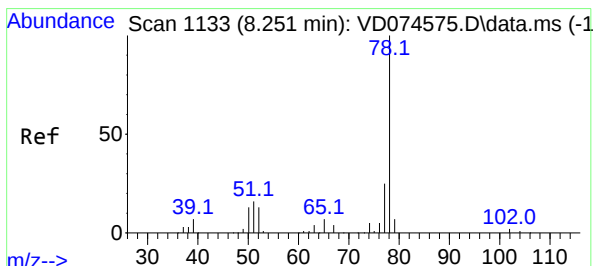
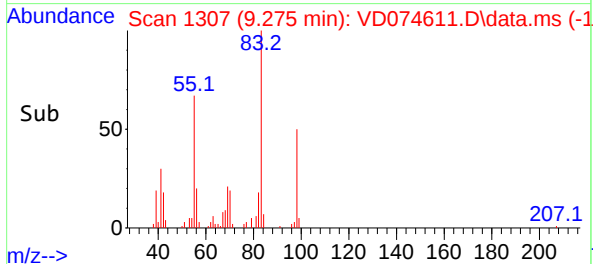
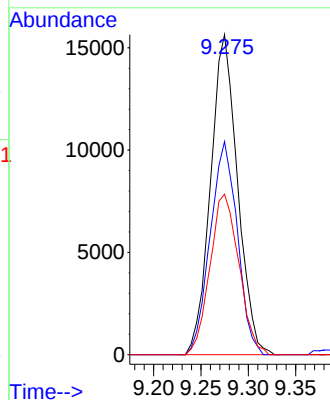
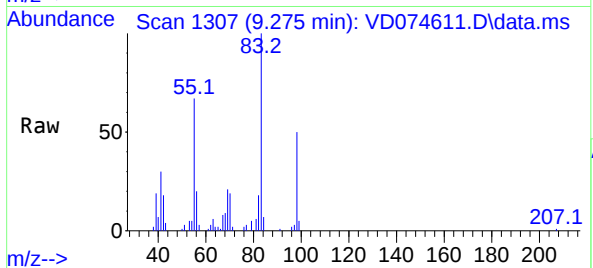
Tgt Ion: 83 Resp: 31010

Ion Ratio Lower Upper

83 100

55 66.6 49.0 73.4

98 50.1 41.7 62.5



#40

Benzene

Concen: 20.663 ug/l

RT: 8.251 min Scan# 1133

Delta R.T. -0.001 min

Lab File: VD074611.D

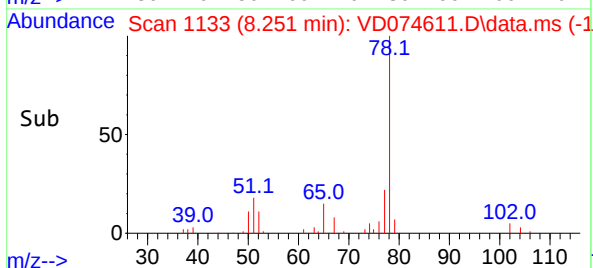
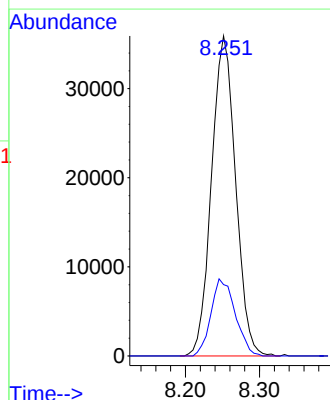
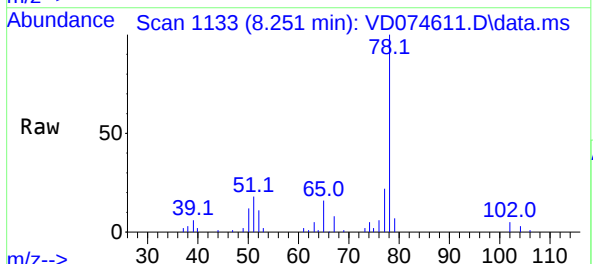
Acq: 21 Oct 2022 13:09

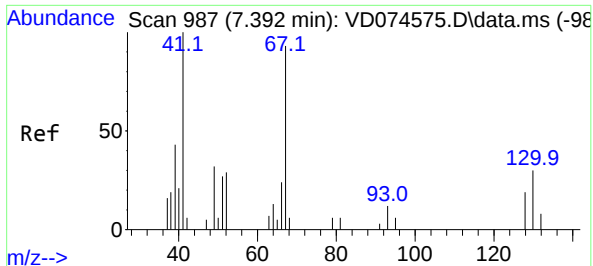
Tgt Ion: 78 Resp: 81003

Ion Ratio Lower Upper

78 100

77 22.3 20.1 30.1

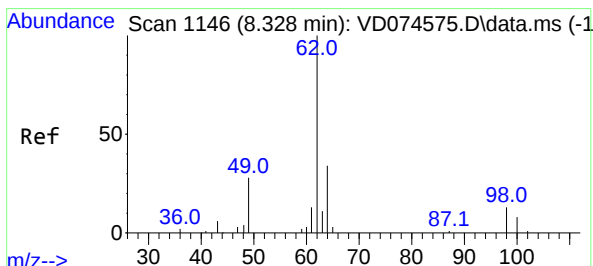
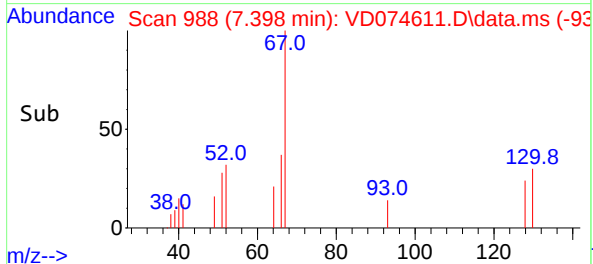
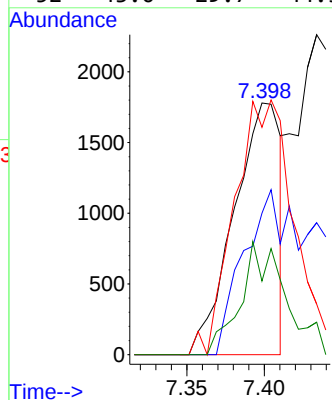
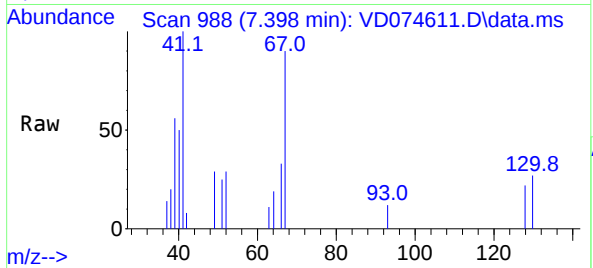




#41
Methacrylonitrile
Concen: 16.554 ug/l
RT: 7.398 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD074611.D
Acq: 21 Oct 2022 13:09

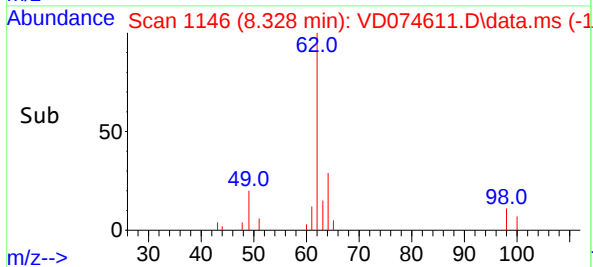
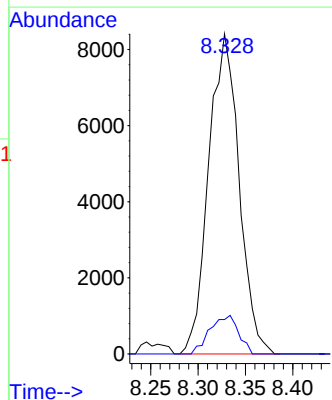
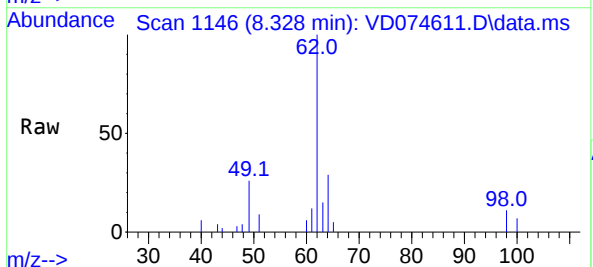
Instrument :
MSVOA_D
ClientSampleId :
VD1021SBSD01

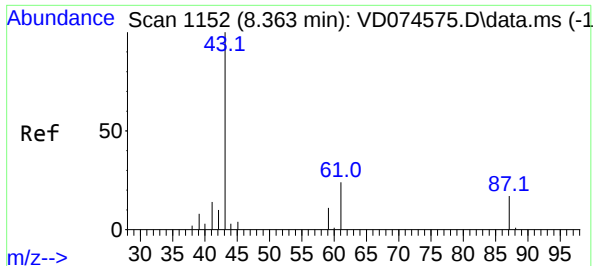
Tgt Ion: 41 Resp: 3717
Ion Ratio Lower Upper
41 100
39 67.9 35.0 52.6#
67 127.7 77.0 115.6#
52 43.0 29.7 44.5



#42
1,2-Dichloroethane
Concen: 20.747 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD074611.D
Acq: 21 Oct 2022 13:09

Tgt Ion: 62 Resp: 18769
Ion Ratio Lower Upper
62 100
98 11.3 0.0 24.2

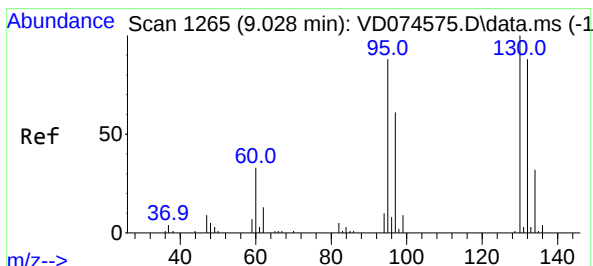
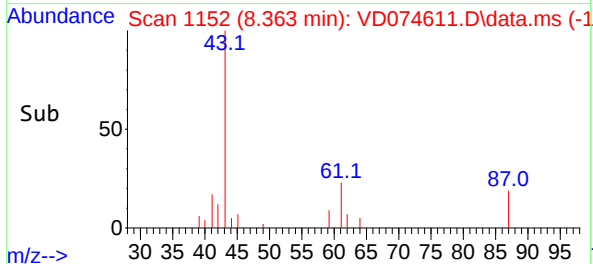
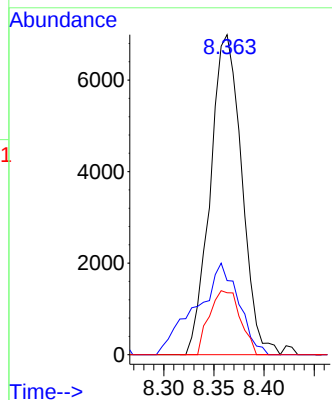
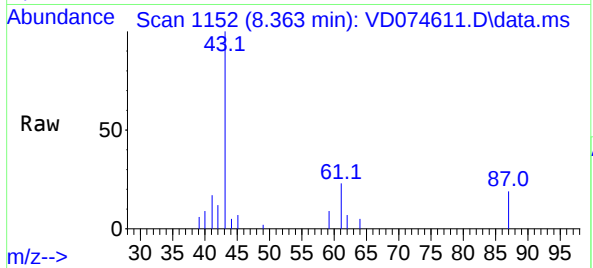




#43
Isopropyl Acetate
Concen: 19.678 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD074611.D
Acq: 21 Oct 2022 13:09

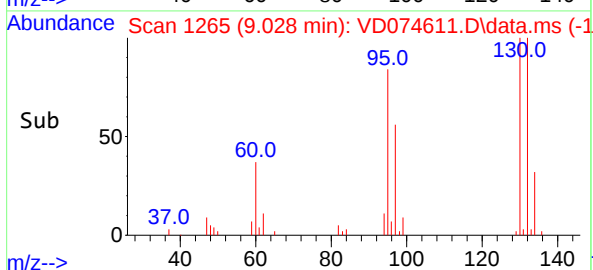
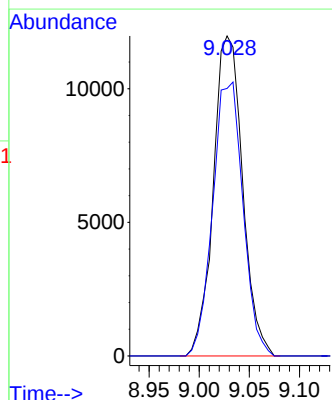
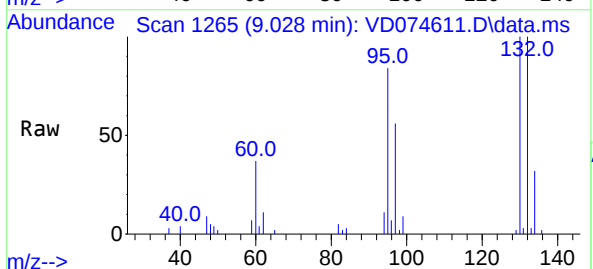
Instrument :
MSVOA_D
ClientSampleId :
VD1021SBSD01

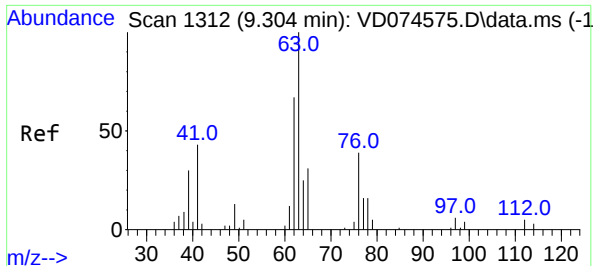
Tgt Ion:	43	Resp:	15241
Ion	Ratio	Lower	Upper
43	100		
61	38.8	30.9	46.3
87	19.7	14.3	21.5



#44
Trichloroethene
Concen: 21.143 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD074611.D
Acq: 21 Oct 2022 13:09

Tgt Ion:	130	Resp:	24282
Ion	Ratio	Lower	Upper
130	100		
95	83.6	0.0	185.4





#45

1,2-Dichloropropane

Concen: 20.668 ug/l

RT: 9.304 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD074611.D

Acq: 21 Oct 2022 13:09

Instrument :

MSVOA_D

ClientSampleId :

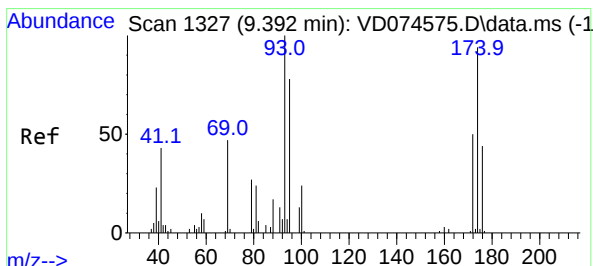
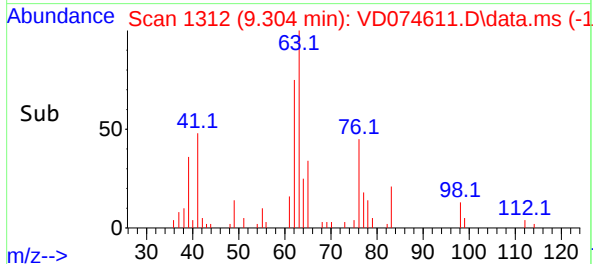
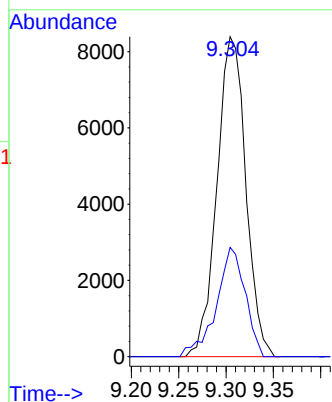
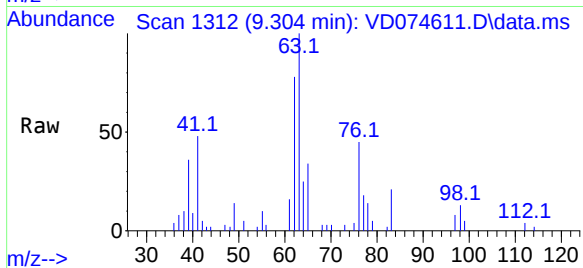
VD1021SBS01

Tgt Ion: 63 Resp: 17781

Ion Ratio Lower Upper

63 100

65 34.1 23.1 34.7



#46

Dibromomethane

Concen: 20.743 ug/l

RT: 9.392 min Scan# 1327

Delta R.T. -0.007 min

Lab File: VD074611.D

Acq: 21 Oct 2022 13:09

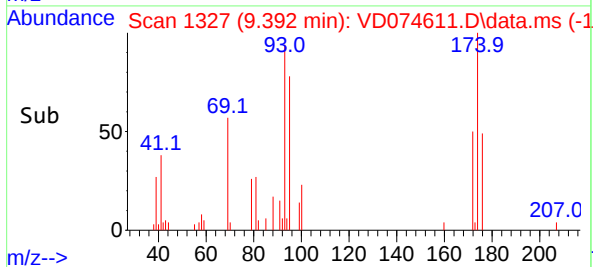
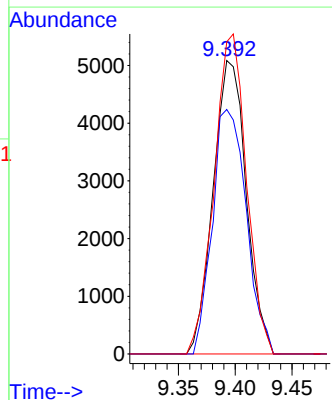
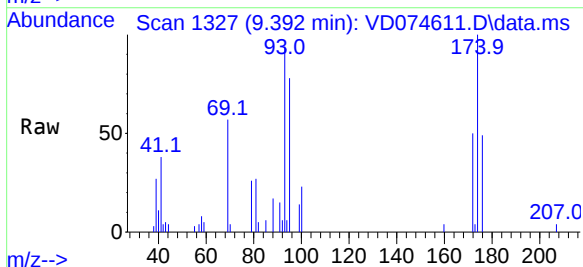
Tgt Ion: 93 Resp: 10298

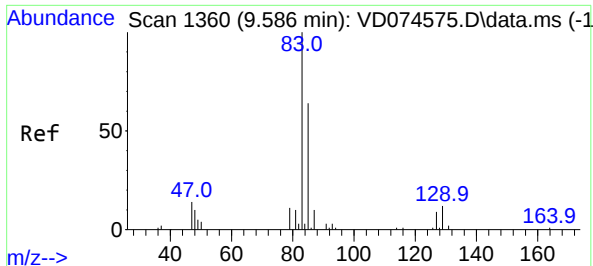
Ion Ratio Lower Upper

93 100

95 85.5 68.2 102.2

174 106.5 87.4 131.0

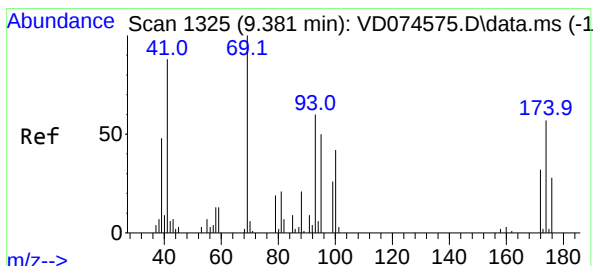
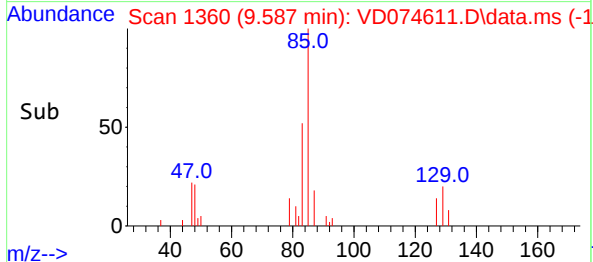
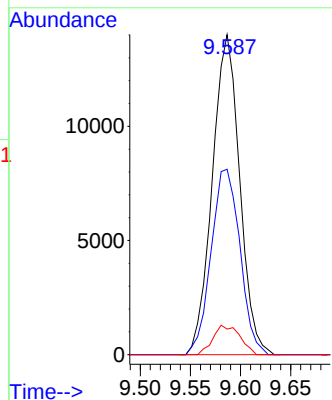
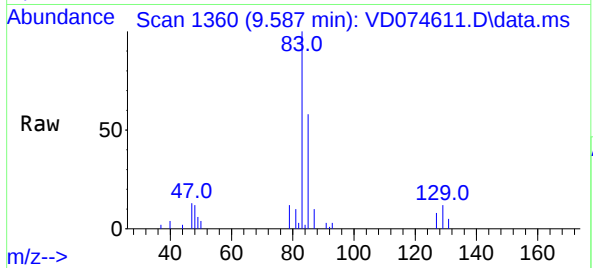




#47
Bromodichloromethane
Concen: 21.693 ug/l
RT: 9.587 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD074611.D
Acq: 21 Oct 2022 13:09

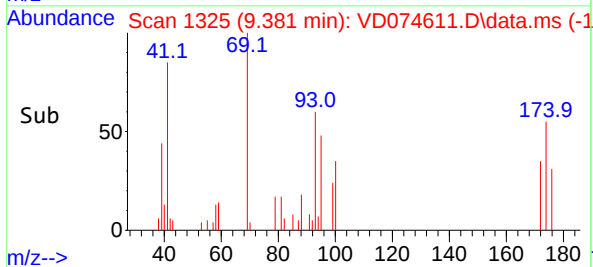
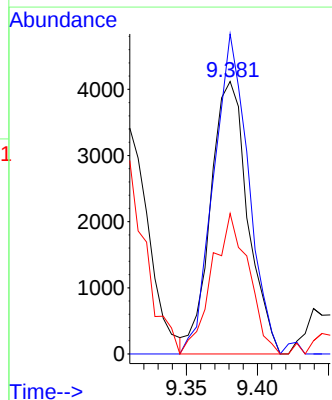
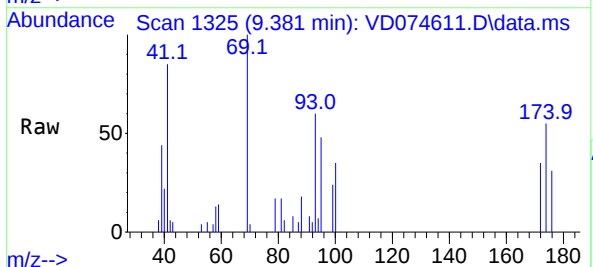
Instrument :
MSVOA_D
ClientSampleId :
VD1021SBSD01

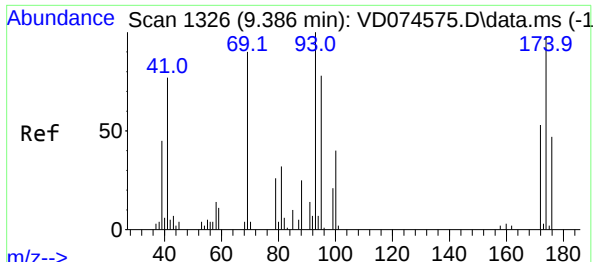
Tgt Ion: 83 Resp: 26646
Ion Ratio Lower Upper
83 100
85 57.9 48.8 73.2
127 8.0 6.7 10.1



#48
Methyl methacrylate
Concen: 21.234 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD074611.D
Acq: 21 Oct 2022 13:09

Tgt Ion: 41 Resp: 7516
Ion Ratio Lower Upper
41 100
69 111.1 93.0 139.4
39 50.7 44.6 66.8





#49

1,4-Dioxane

Concen: 448.418 ug/l

RT: 9.387 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD074611.D

Acq: 21 Oct 2022 13:09

Instrument :

MSVOA_D

ClientSampleId :

VD1021SBS01

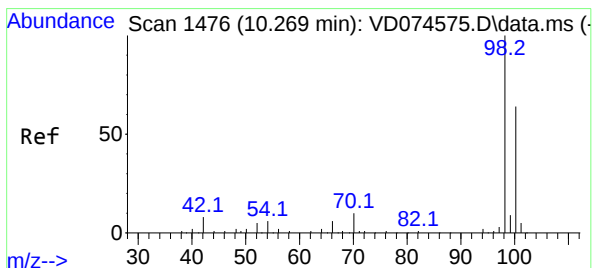
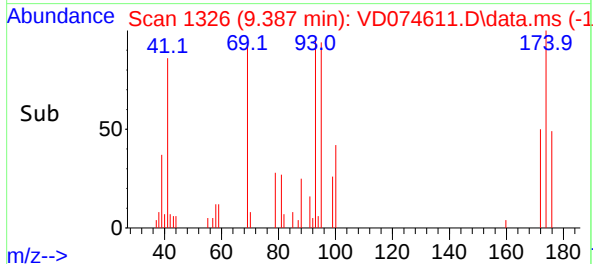
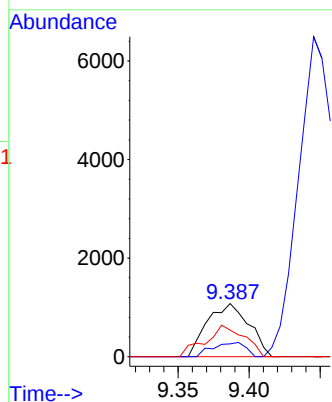
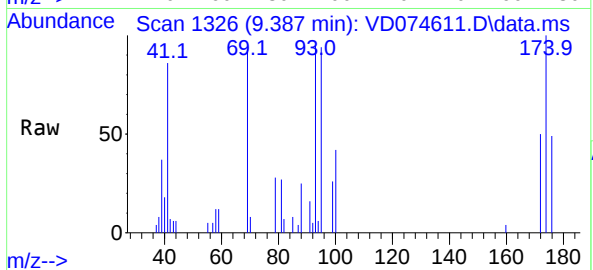
Tgt Ion: 88 Resp: 2191

Ion Ratio Lower Upper

88 100

43 21.1 24.1 36.1#

58 55.1 43.1 64.7



#50

Toluene-d8

Concen: 48.123 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD074611.D

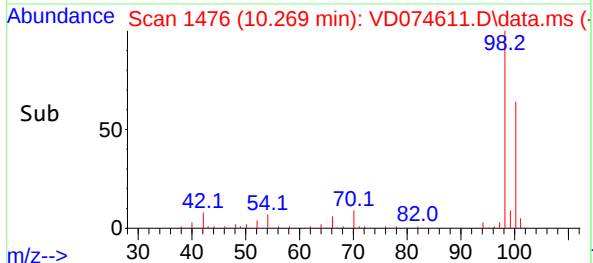
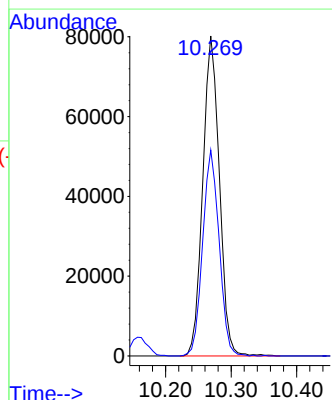
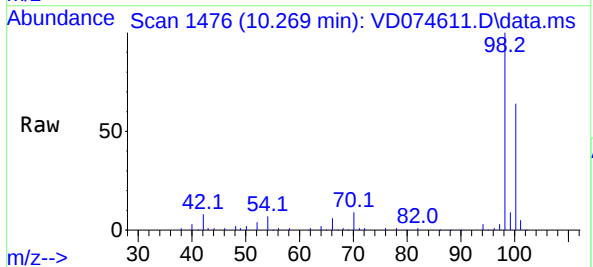
Acq: 21 Oct 2022 13:09

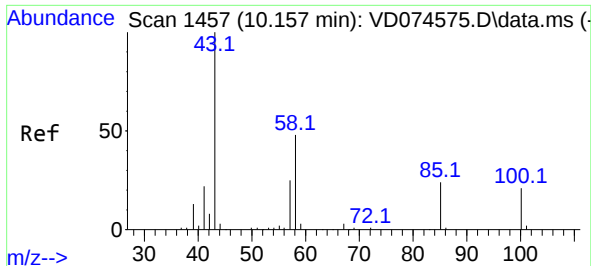
Tgt Ion: 98 Resp: 141628

Ion Ratio Lower Upper

98 100

100 63.7 51.4 77.0

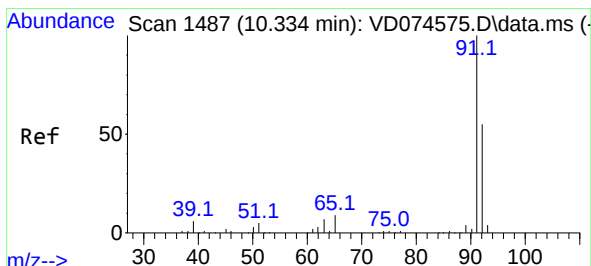
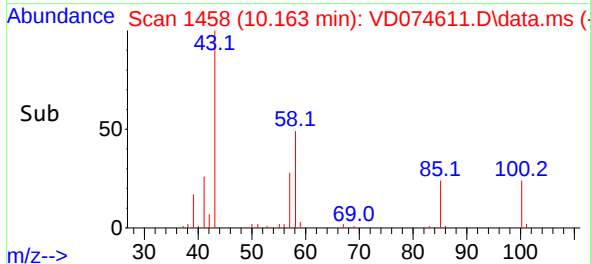
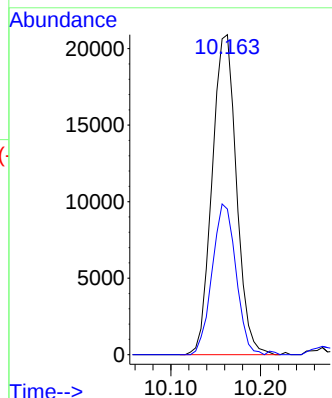
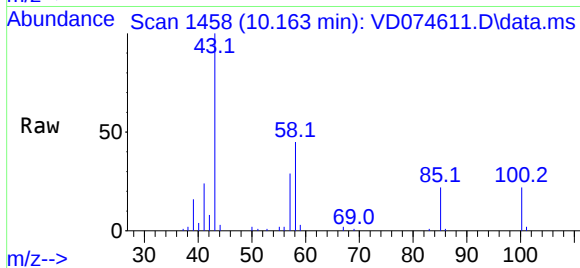




#51
4-Methyl-2-Pentanone
Concen: 102.093 ug/l
RT: 10.163 min Scan# 1458
Delta R.T. 0.006 min
Lab File: VD074611.D
Acq: 21 Oct 2022 13:09

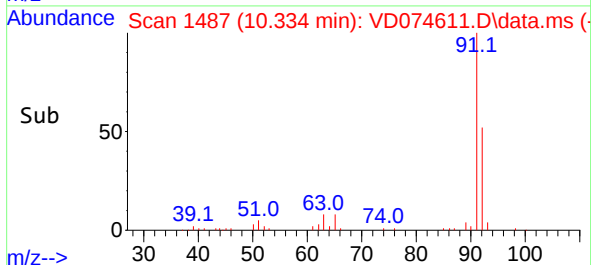
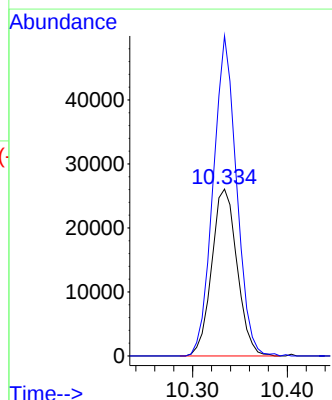
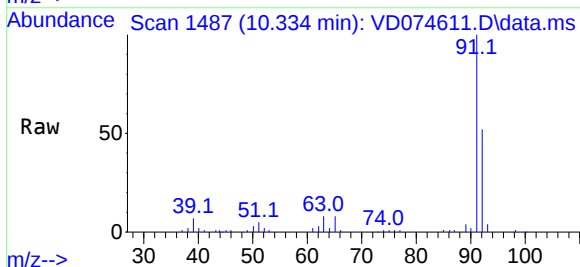
Instrument :
MSVOA_D
ClientSampleId :
VD1021SBSD01

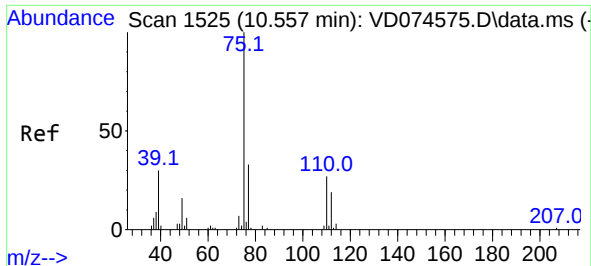
Tgt Ion: 43 Resp: 39331
Ion Ratio Lower Upper
43 100
58 46.1 37.8 56.6



#52
Toluene
Concen: 20.046 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD074611.D
Acq: 21 Oct 2022 13:09

Tgt Ion: 92 Resp: 48464
Ion Ratio Lower Upper
92 100
91 177.1 139.0 208.4

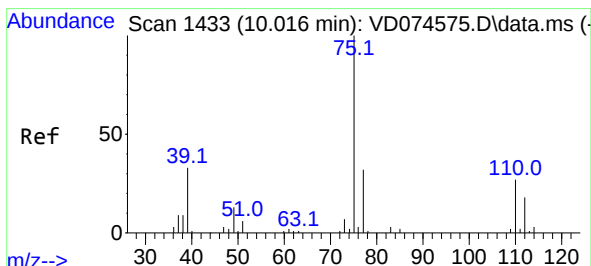
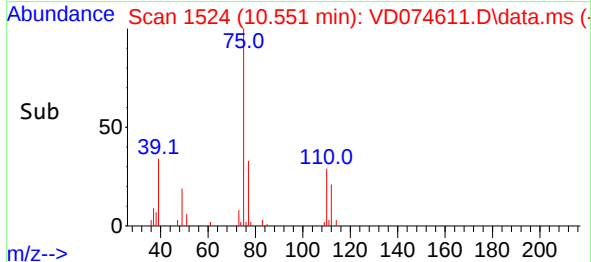
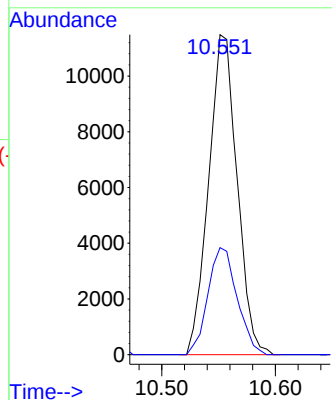
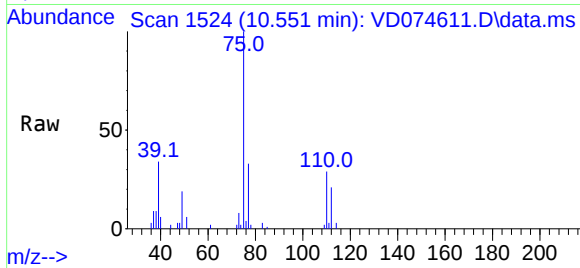




#53
t-1,3-Dichloropropene
Concen: 18.509 ug/l
RT: 10.551 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD074611.D
Acq: 21 Oct 2022 13:09

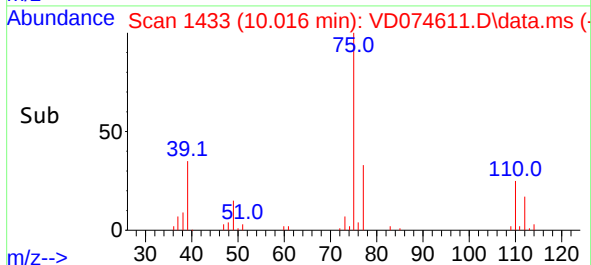
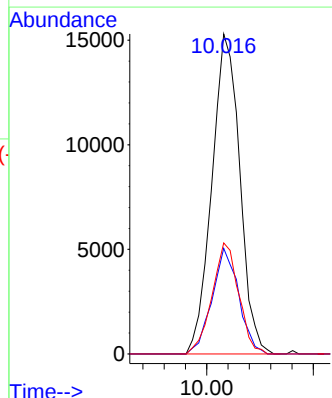
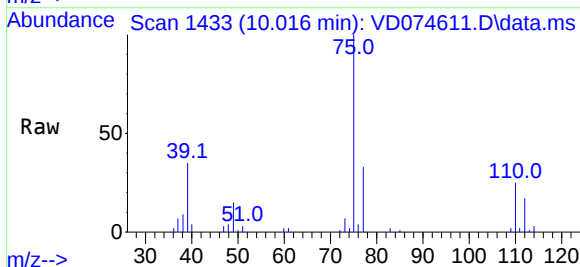
Instrument :
MSVOA_D
ClientSampleId :
VD1021SBSD01

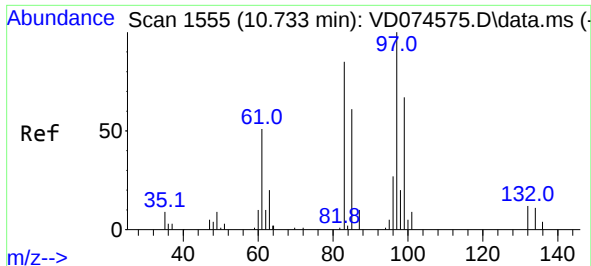
Tgt Ion: 75 Resp: 19989
Ion Ratio Lower Upper
75 100
77 33.5 25.6 38.4



#54
cis-1,3-Dichloropropene
Concen: 20.417 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. -0.000 min
Lab File: VD074611.D
Acq: 21 Oct 2022 13:09

Tgt Ion: 75 Resp: 27801
Ion Ratio Lower Upper
75 100
77 33.0 24.7 37.1
39 34.7 25.4 38.2

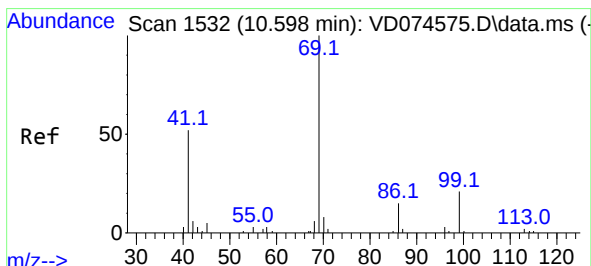
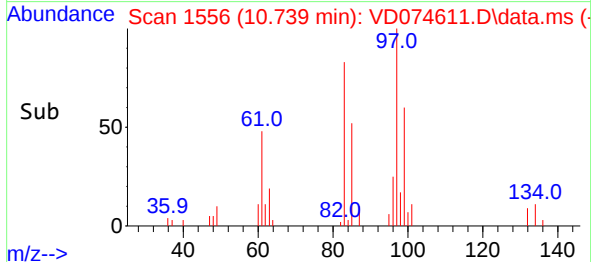
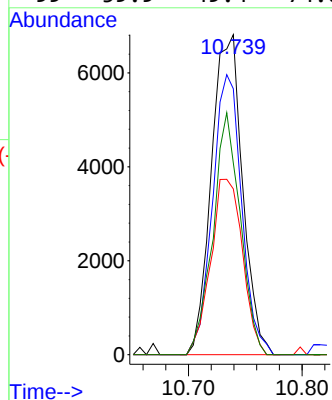
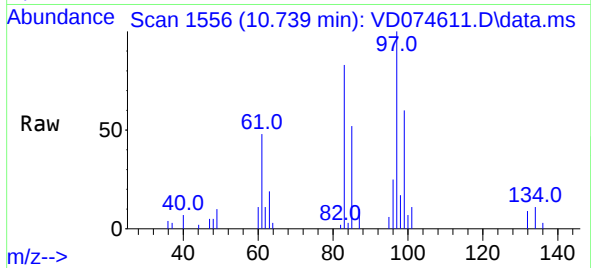




#55
1,1,2-Trichloroethane
Concen: 19.043 ug/l
RT: 10.739 min Scan# 1555
Delta R.T. 0.005 min
Lab File: VD074611.D
Acq: 21 Oct 2022 13:09

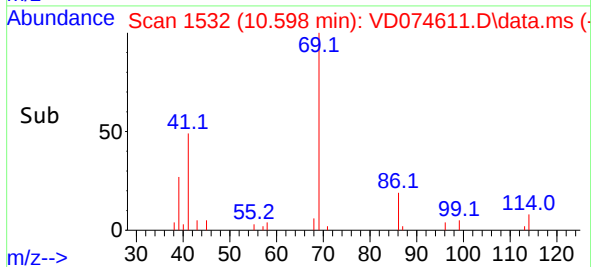
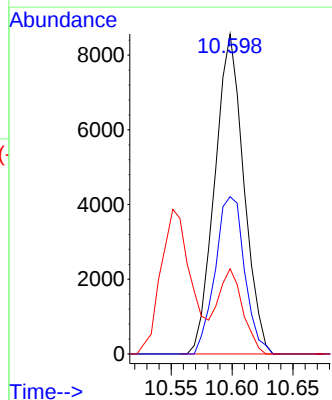
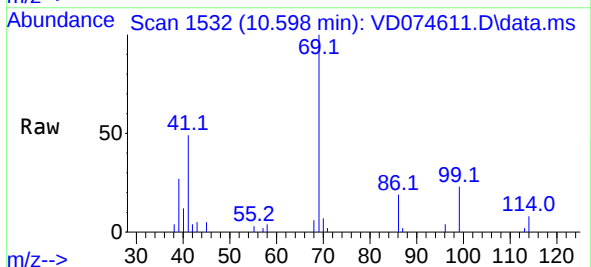
Instrument :
MSVOA_D
ClientSampleId :
VD1021SBSD01

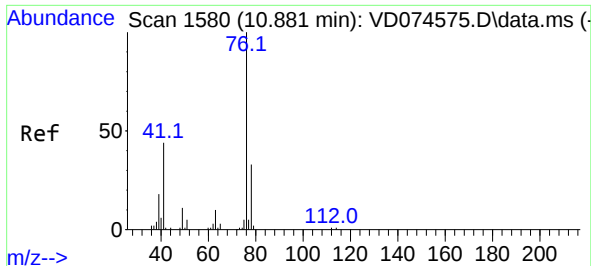
Tgt Ion:	97	Resp:	12989
Ion	Ratio	Lower	Upper
97	100		
83	83.1	64.8	97.2
85	51.8	44.8	67.2
99	59.9	49.4	74.0



#56
Ethyl methacrylate
Concen: 18.947 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. 0.005 min
Lab File: VD074611.D
Acq: 21 Oct 2022 13:09

Tgt Ion:	69	Resp:	14127
Ion	Ratio	Lower	Upper
69	100		
41	50.2	38.6	58.0
39	22.6	19.9	29.9





#57

1,3-Dichloropropane

Concen: 19.664 ug/l

RT: 10.881 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD074611.D

Acq: 21 Oct 2022 13:09

Instrument :

MSVOA_D

ClientSampleId :

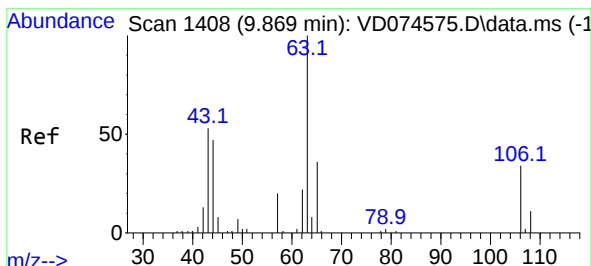
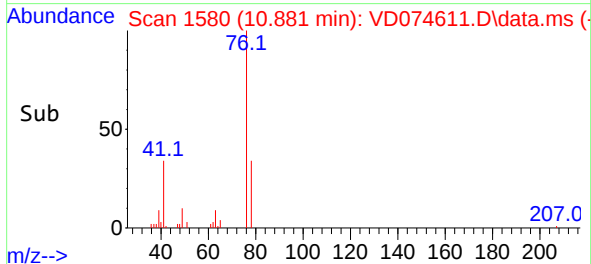
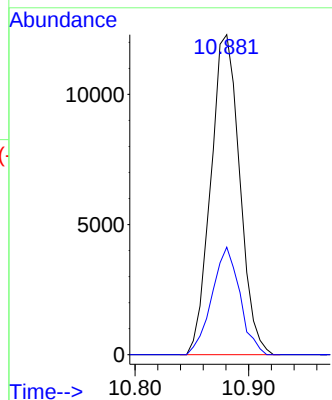
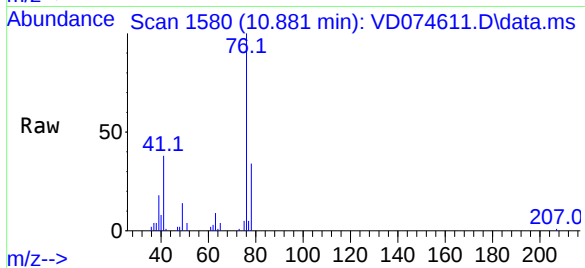
VD1021SBS01

Tgt Ion: 76 Resp: 21759

Ion Ratio Lower Upper

76 100

78 32.5 25.7 38.5



#58

2-Chloroethyl Vinyl ether

Concen: 77.894 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. -0.000 min

Lab File: VD074611.D

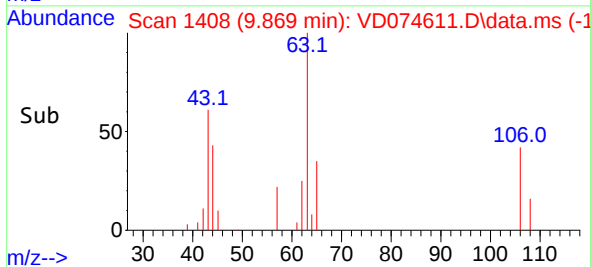
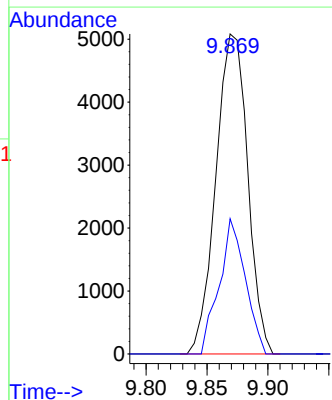
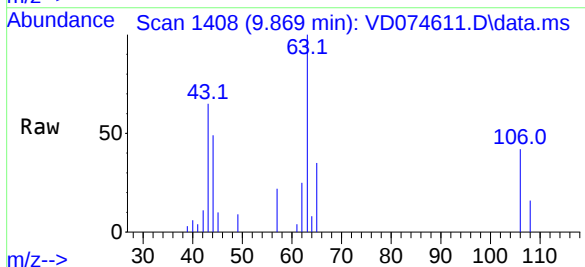
Acq: 21 Oct 2022 13:09

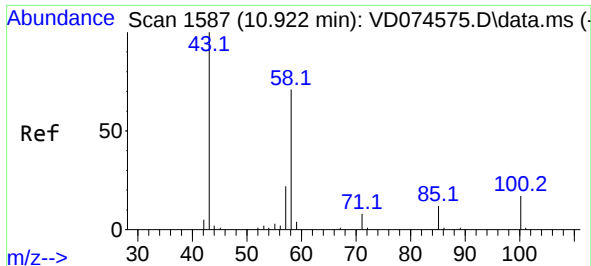
Tgt Ion: 63 Resp: 9245

Ion Ratio Lower Upper

63 100

106 34.6 26.5 39.7

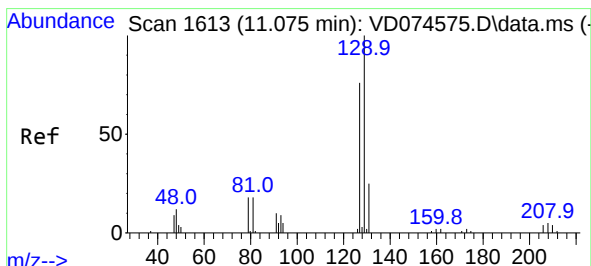
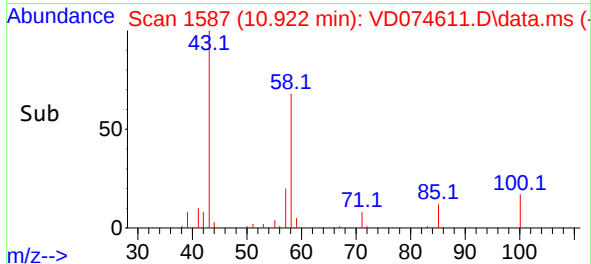
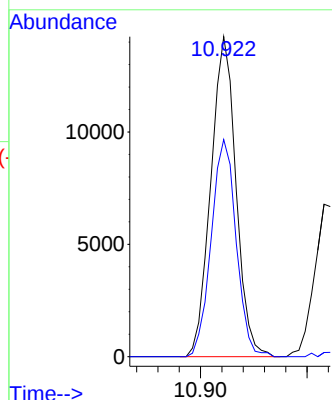
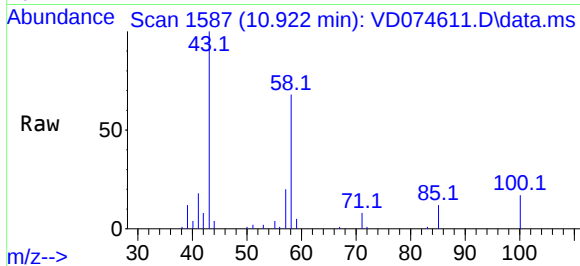




#59
2-Hexanone
Concen: 88.706 ug/l
RT: 10.922 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD074611.D
Acq: 21 Oct 2022 13:09

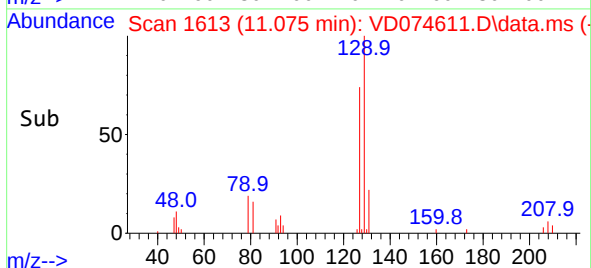
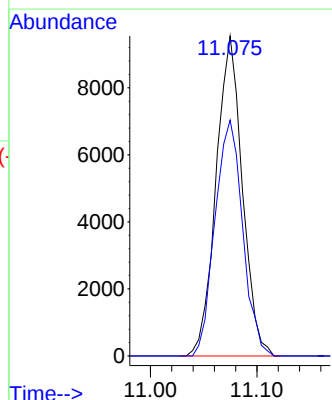
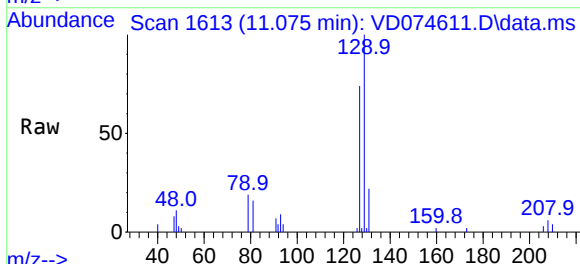
Instrument :
MSVOA_D
ClientSampleId :
VD1021SBSD01

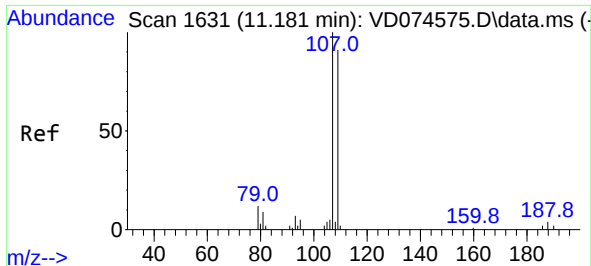
Tgt Ion: 43 Resp: 23325
Ion Ratio Lower Upper
43 100
58 67.2 32.0 96.2



#60
Dibromochloromethane
Concen: 19.851 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.006 min
Lab File: VD074611.D
Acq: 21 Oct 2022 13:09

Tgt Ion: 129 Resp: 16321
Ion Ratio Lower Upper
129 100
127 77.6 39.1 117.2

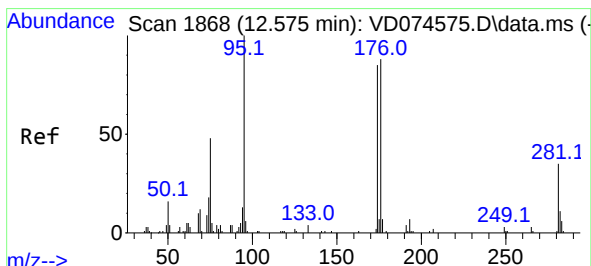
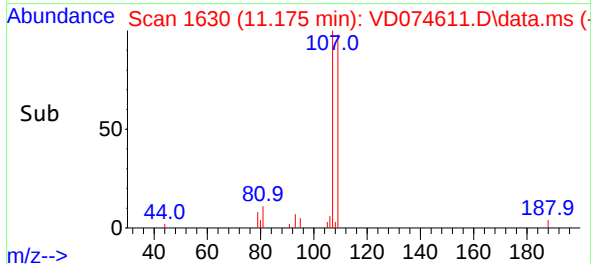
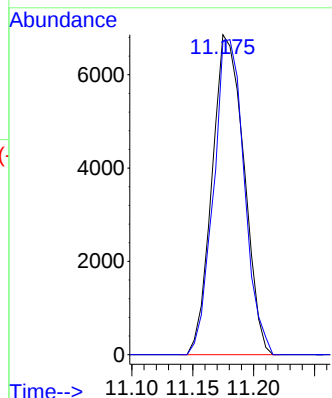
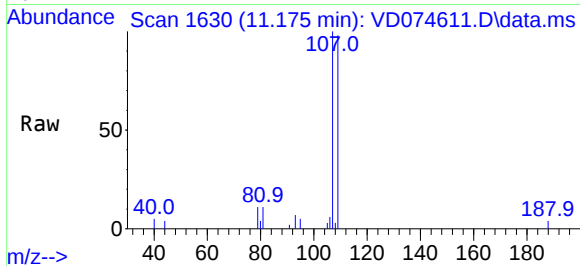




#61
1,2-Dibromoethane
Concen: 20.007 ug/l
RT: 11.175 min Scan# 1630
Delta R.T. -0.000 min
Lab File: VD074611.D
Acq: 21 Oct 2022 13:09

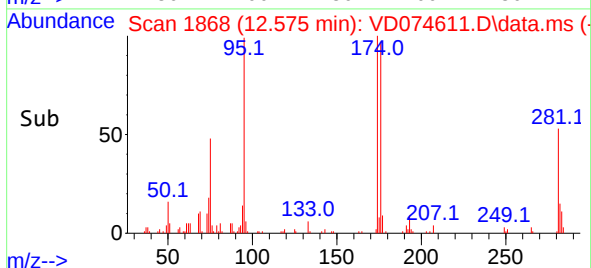
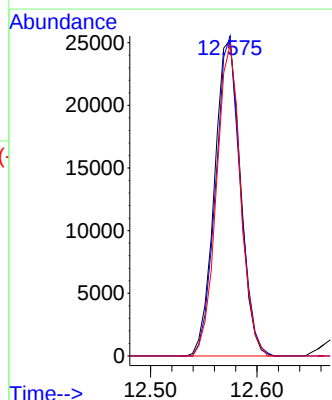
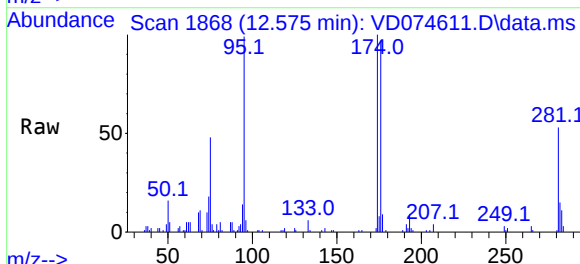
Instrument :
MSVOA_D
ClientSampleId :
VD1021SBS01

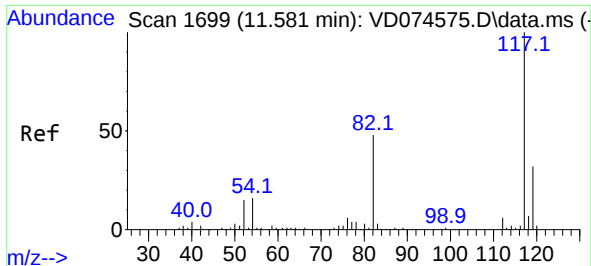
Tgt Ion:107 Resp: 12457
Ion Ratio Lower Upper
107 100
109 95.1 74.6 111.8



#62
4-Bromofluorobenzene
Concen: 50.223 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD074611.D
Acq: 21 Oct 2022 13:09

Tgt Ion: 95 Resp: 42514
Ion Ratio Lower Upper
95 100
174 95.8 0.0 197.0
176 91.6 0.0 182.6

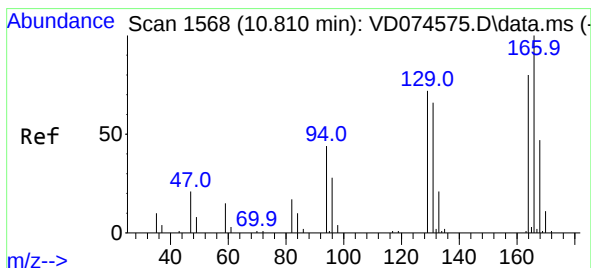
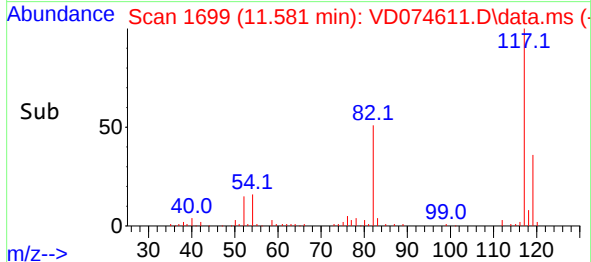
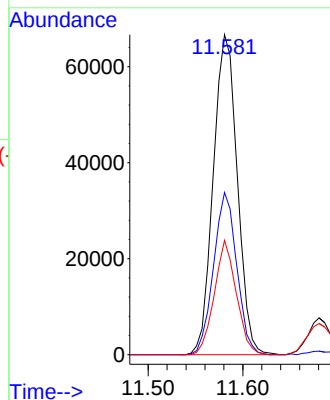
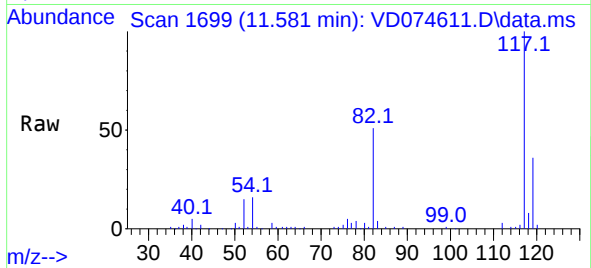




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117474
Delta R.T. -0.000 min
Lab File: VD074611.D
Acq: 21 Oct 2022 13:09

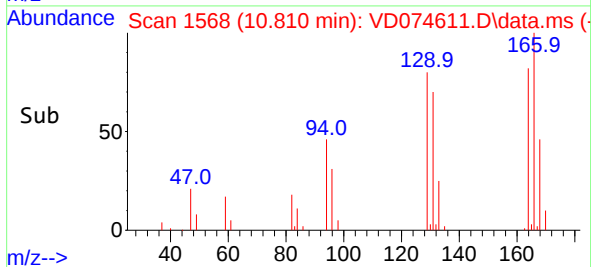
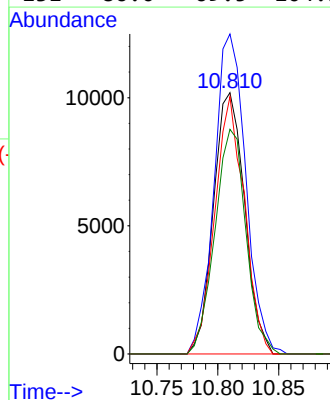
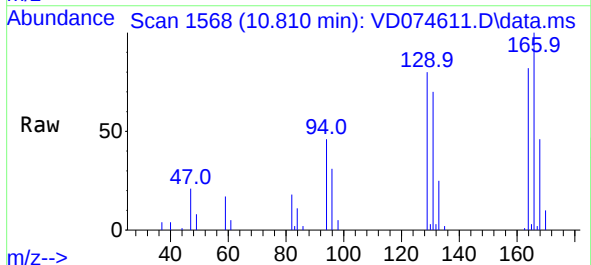
Instrument :
MSVOA_D
ClientSampleId :
VD1021SBSD01

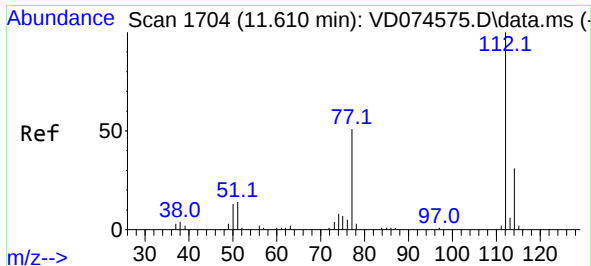
Tgt Ion:	117	Resp:	117474
Ion	Ratio	Lower	Upper
117	100		
82	50.7	41.6	62.4
119	35.7	25.2	37.8



#64
Tetrachloroethene
Concen: 20.878 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VD074611.D
Acq: 21 Oct 2022 13:09

Tgt Ion:	164	Resp:	18129
Ion	Ratio	Lower	Upper
164	100		
166	122.5	107.8	161.8
129	98.5	77.4	116.2
131	86.0	69.5	104.3

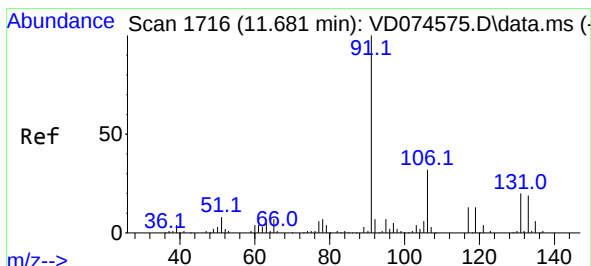
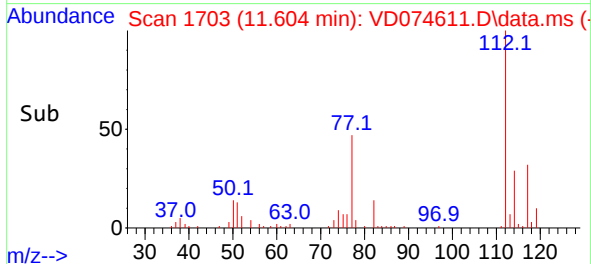
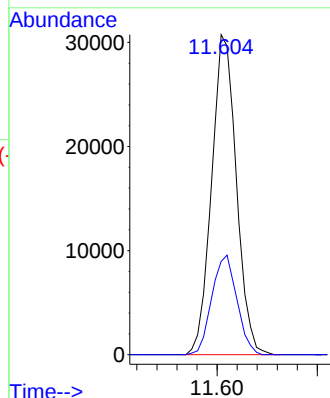
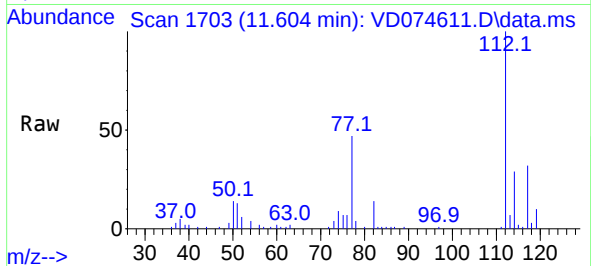




#65
Chlorobenzene
Concen: 21.300 ug/l
RT: 11.604 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD074611.D
Acq: 21 Oct 2022 13:09

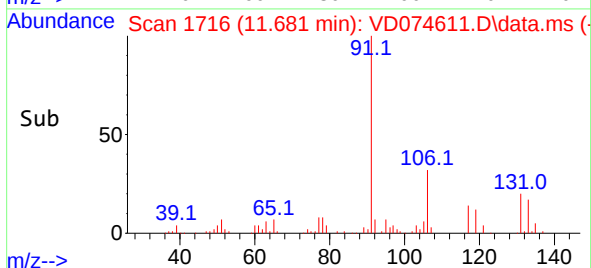
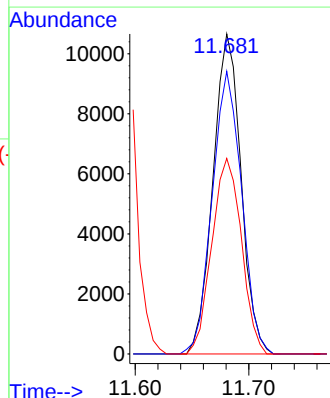
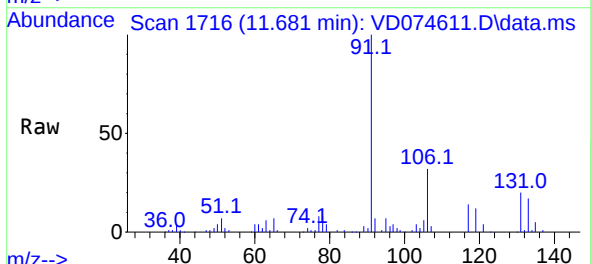
Instrument :
MSVOA_D
ClientSampleId :
VD1021SBSD01

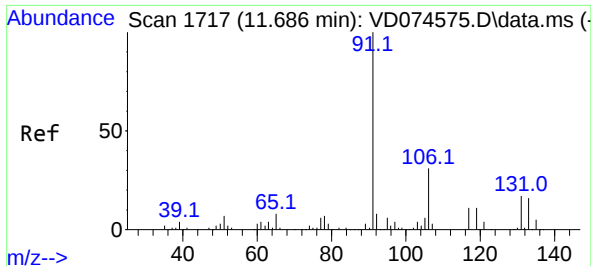
Tgt Ion:112 Resp: 52706
Ion Ratio Lower Upper
112 100
114 29.2 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 21.473 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD074611.D
Acq: 21 Oct 2022 13:09

Tgt Ion:131 Resp: 18255
Ion Ratio Lower Upper
131 100
133 92.8 46.6 139.8
119 64.7 32.5 97.4

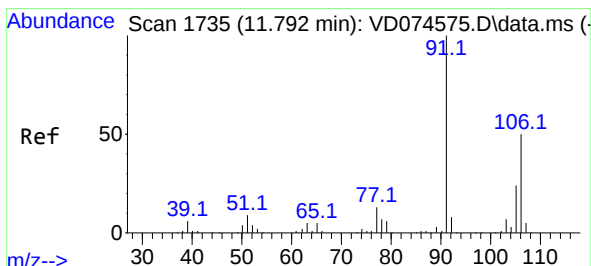
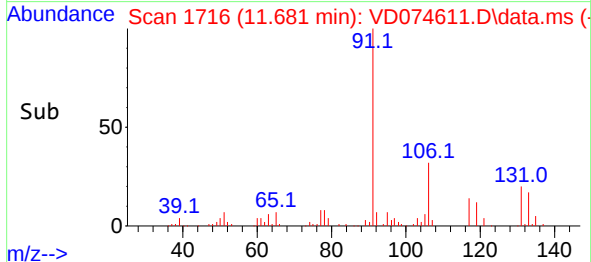
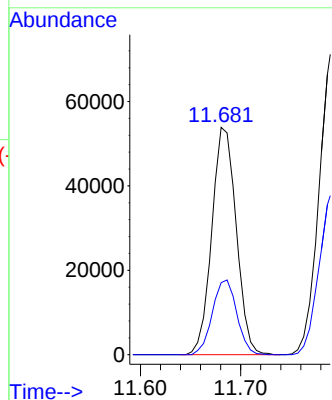
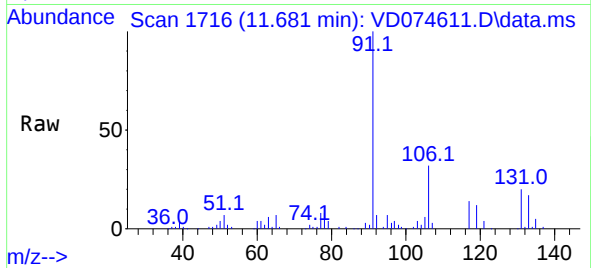




#67
Ethyl Benzene
Concen: 21.172 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD074611.D
Acq: 21 Oct 2022 13:09

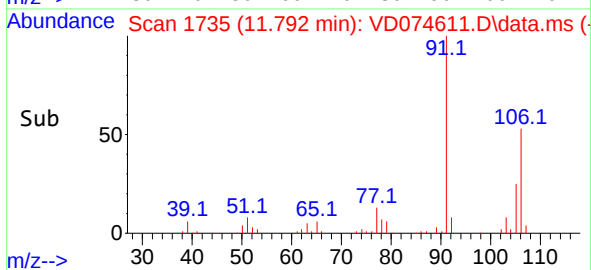
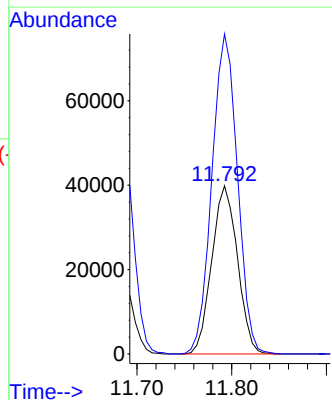
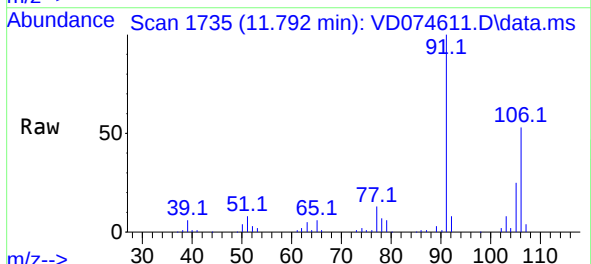
Instrument :
MSVOA_D
ClientSampleId :
VD1021SBSD01

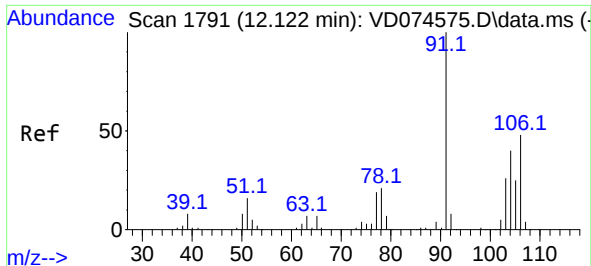
Tgt Ion: 91 Resp: 91225
Ion Ratio Lower Upper
91 100
106 31.7 26.6 40.0



#68
m/p-Xylenes
Concen: 43.789 ug/l
RT: 11.792 min Scan# 1735
Delta R.T. -0.001 min
Lab File: VD074611.D
Acq: 21 Oct 2022 13:09

Tgt Ion: 106 Resp: 75021
Ion Ratio Lower Upper
106 100
91 189.3 156.2 234.4

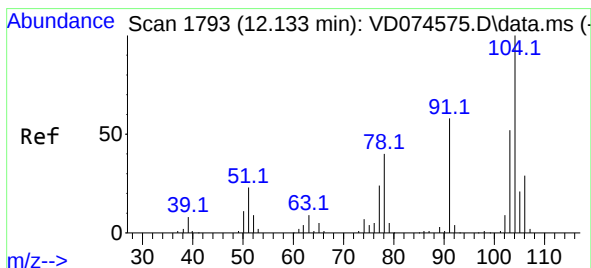
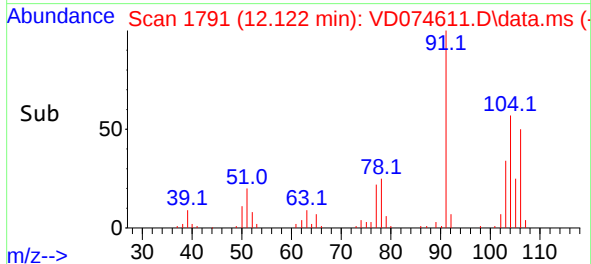
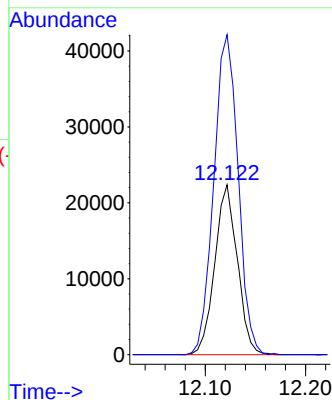
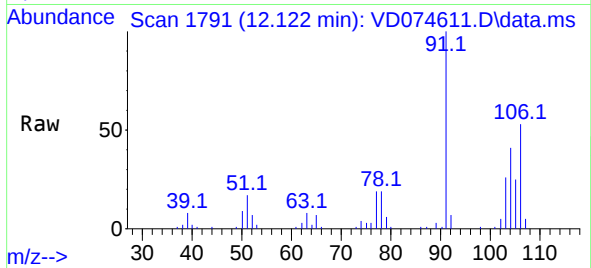




#69
o-Xylene
Concen: 21.894 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.006 min
Lab File: VD074611.D
Acq: 21 Oct 2022 13:09

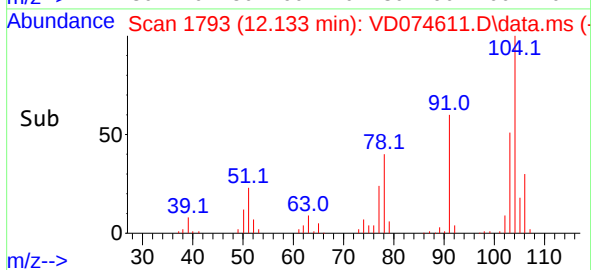
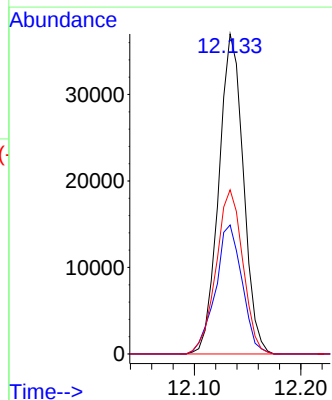
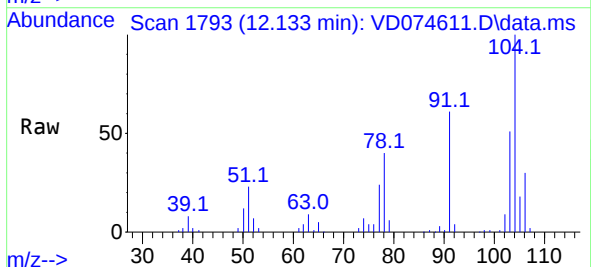
Instrument :
MSVOA_D
ClientSampleId :
VD1021SBS01

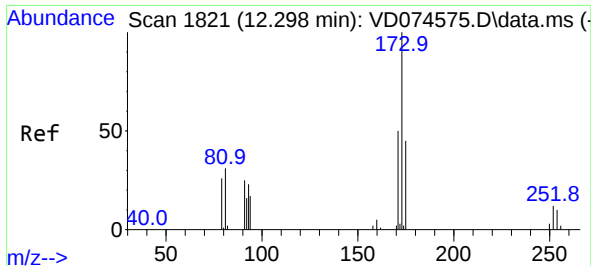
Tgt Ion:106 Resp: 34909
Ion Ratio Lower Upper
106 100
91 202.7 104.5 313.3



#70
Styrene
Concen: 22.089 ug/l
RT: 12.133 min Scan# 1793
Delta R.T. -0.001 min
Lab File: VD074611.D
Acq: 21 Oct 2022 13:09

Tgt Ion:104 Resp: 59314
Ion Ratio Lower Upper
104 100
78 43.7 35.7 53.5
103 55.8 43.7 65.5

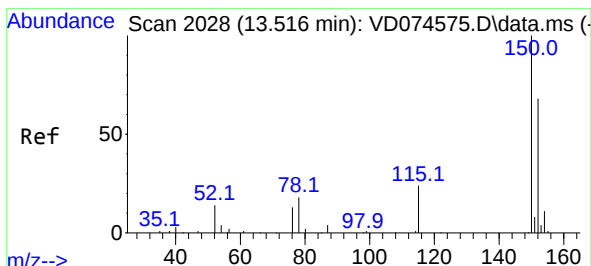
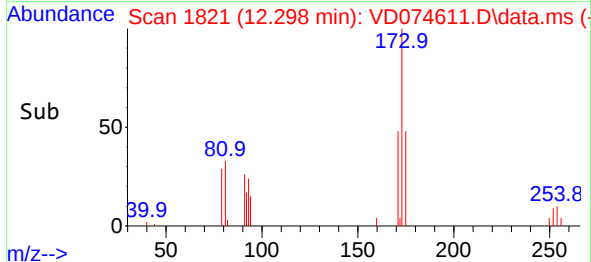
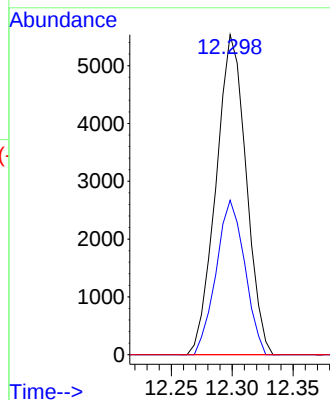
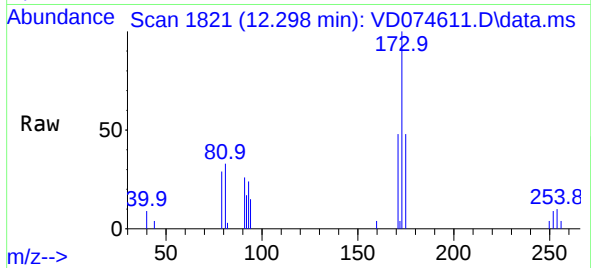




#71
Bromoform
Concen: 21.378 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD074611.D
Acq: 21 Oct 2022 13:09

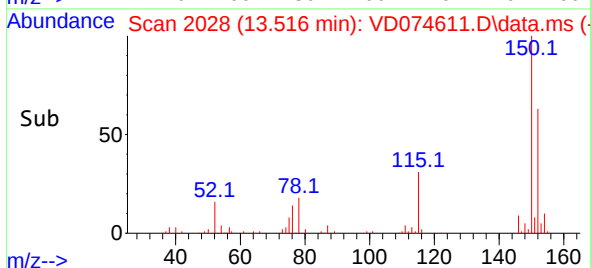
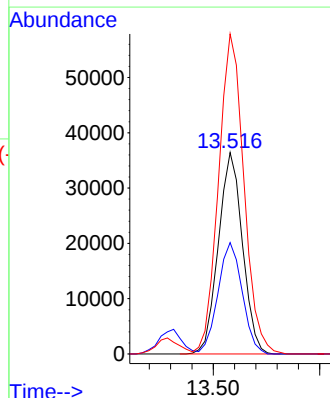
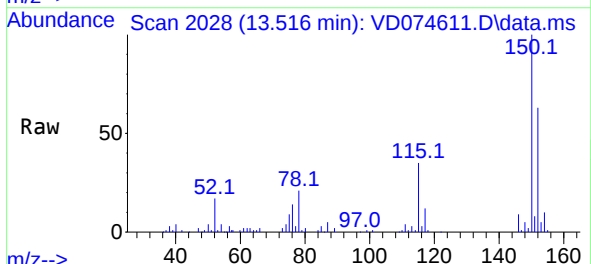
Instrument :
MSVOA_D
ClientSampleId :
VD1021SBSD01

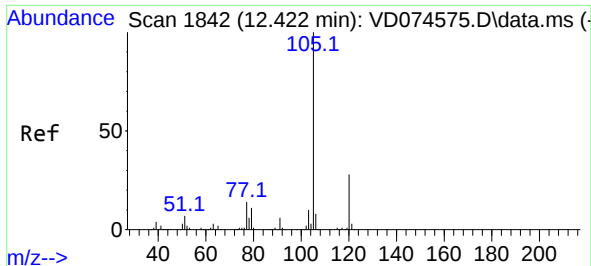
Tgt Ion:173 Resp: 9542
Ion Ratio Lower Upper
173 100
175 45.8 23.1 69.3
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.006 min
Lab File: VD074611.D
Acq: 21 Oct 2022 13:09

Tgt Ion:152 Resp: 57190
Ion Ratio Lower Upper
152 100
115 55.4 26.8 80.4
150 167.4 0.0 348.2

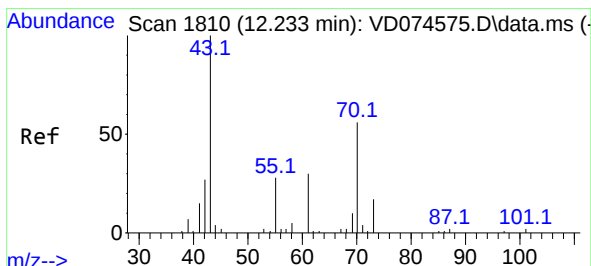
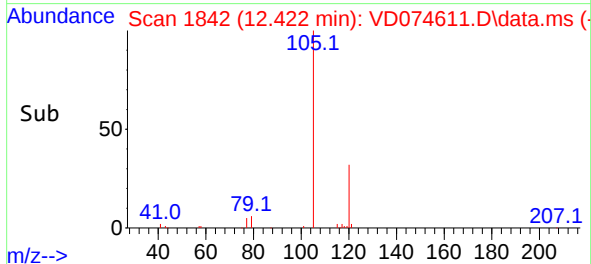
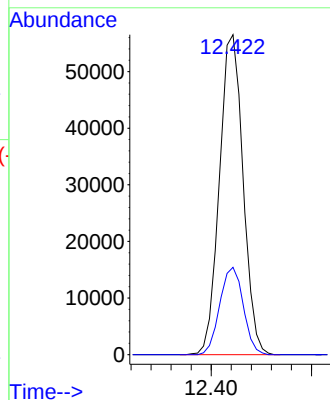
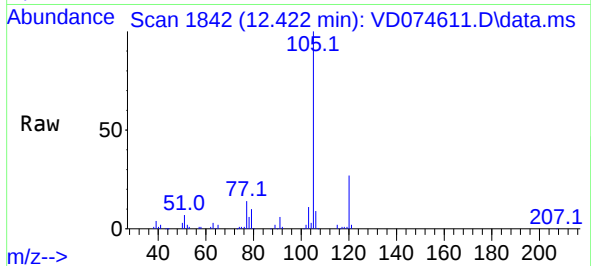




#73
Isopropylbenzene
Concen: 20.701 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.006 min
Lab File: VD074611.D
Acq: 21 Oct 2022 13:09

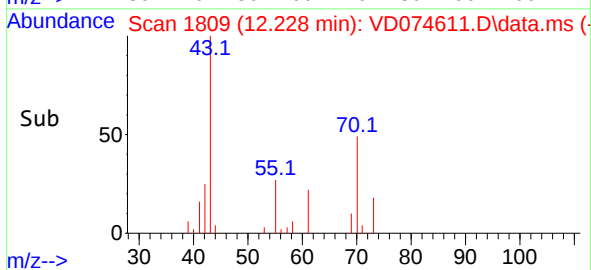
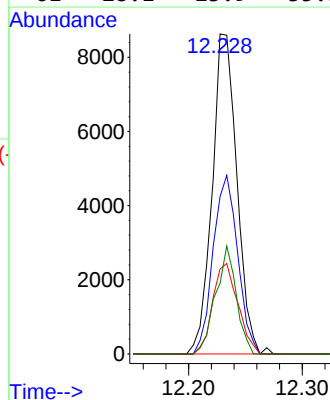
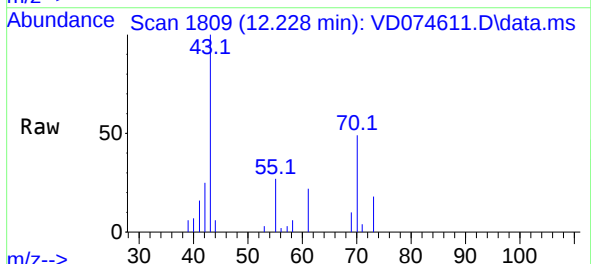
Instrument :
MSVOA_D
ClientSampleId :
VD1021SBSD01

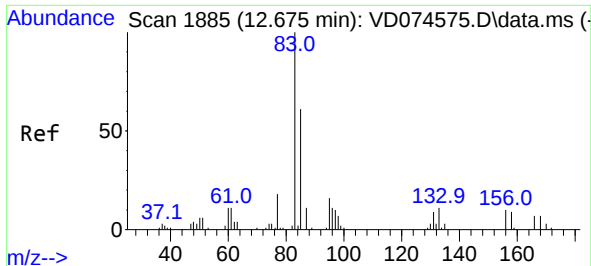
Tgt Ion:105 Resp: 92328
Ion Ratio Lower Upper
105 100
120 27.1 13.5 40.4



#74
N-ethyl acetate
Concen: 19.842 ug/l
RT: 12.228 min Scan# 1809
Delta R.T. -0.000 min
Lab File: VD074611.D
Acq: 21 Oct 2022 13:09

Tgt Ion: 43 Resp: 13081
Ion Ratio Lower Upper
43 100
70 55.3 43.8 65.6
55 28.7 22.0 33.0
61 28.1 23.9 35.9

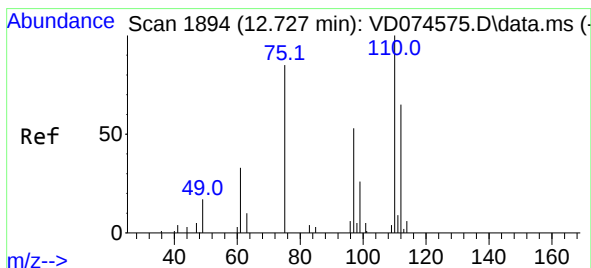
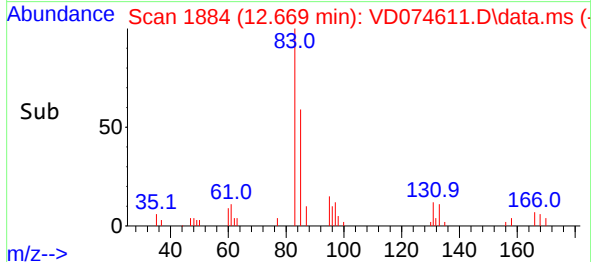
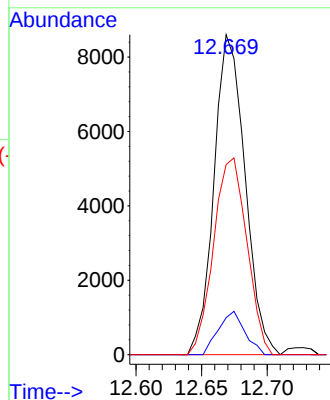
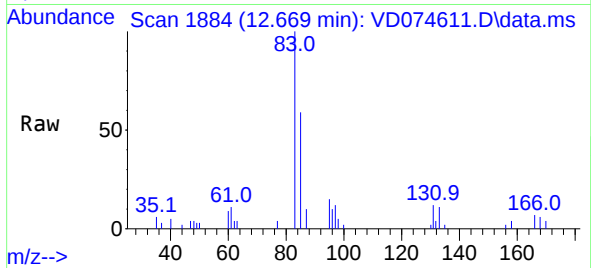




#75
1,1,2,2-Tetrachloroethane
Concen: 20.043 ug/l
RT: 12.669 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VD074611.D
Acq: 21 Oct 2022 13:09

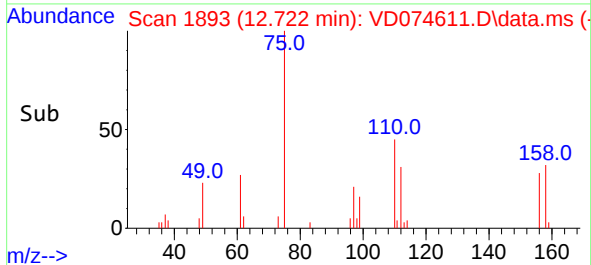
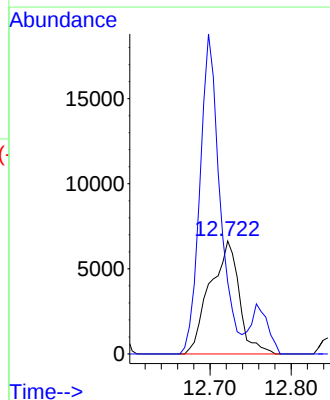
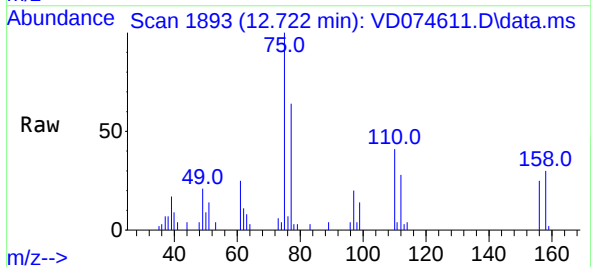
Instrument :
MSVOA_D
ClientSampleId :
VD1021SBSD01

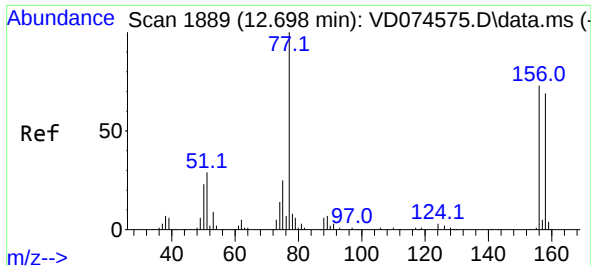
Tgt Ion: 83 Resp: 14152
Ion Ratio Lower Upper
83 100
131 11.5 4.7 14.1
85 65.8 33.1 99.2



#76
1,2,3-Trichloropropane
Concen: 33.148 ug/l
RT: 12.722 min Scan# 1893
Delta R.T. 0.006 min
Lab File: VD074611.D
Acq: 21 Oct 2022 13:09

Tgt Ion: 75 Resp: 16553
Ion Ratio Lower Upper
75 100
77 0.0 185.8 557.5#

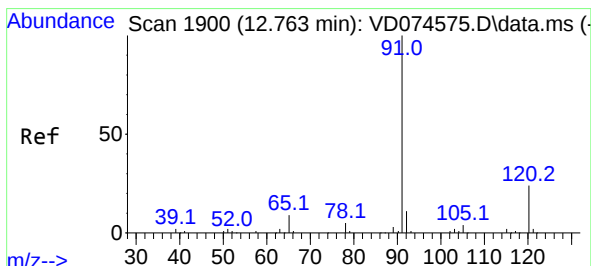
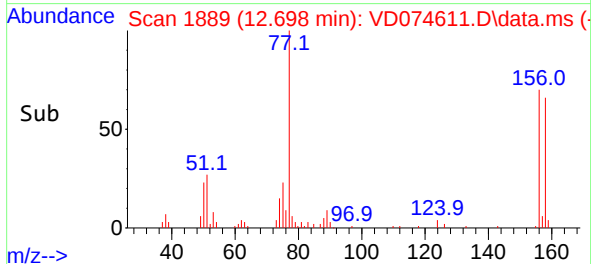
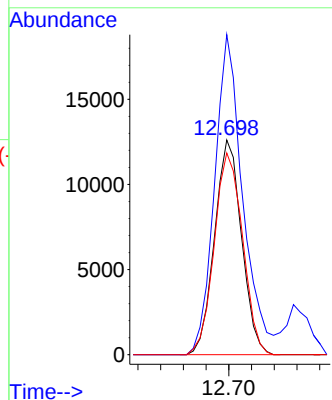
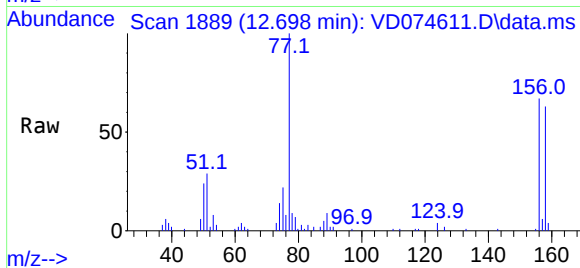




#77
Bromobenzene
Concen: 20.734 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. 0.000 min
Lab File: VD074611.D
Acq: 21 Oct 2022 13:09

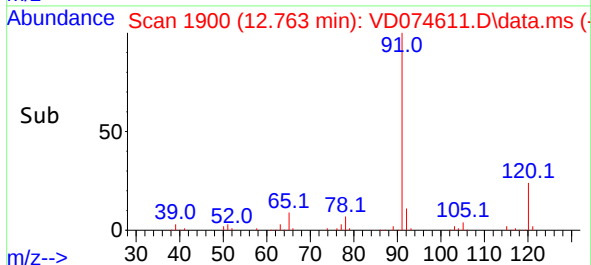
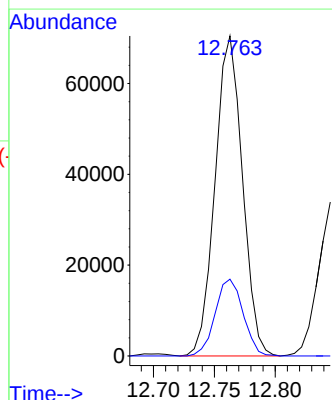
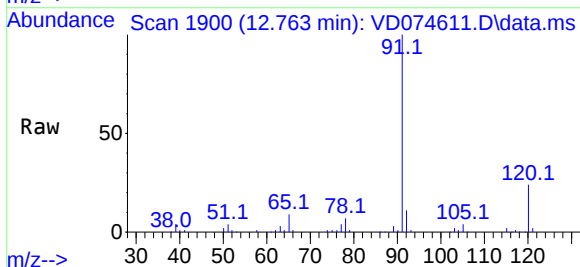
Instrument :
MSVOA_D
ClientSampleId :
VD1021SBSD01

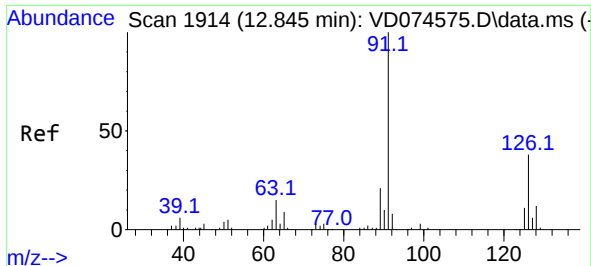
Tgt Ion:156 Resp: 20872
Ion Ratio Lower Upper
156 100
77 154.9 77.7 233.1
158 98.5 49.4 148.2



#78
n-propylbenzene
Concen: 20.929 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.006 min
Lab File: VD074611.D
Acq: 21 Oct 2022 13:09

Tgt Ion: 91 Resp: 110320
Ion Ratio Lower Upper
91 100
120 24.5 11.9 35.7

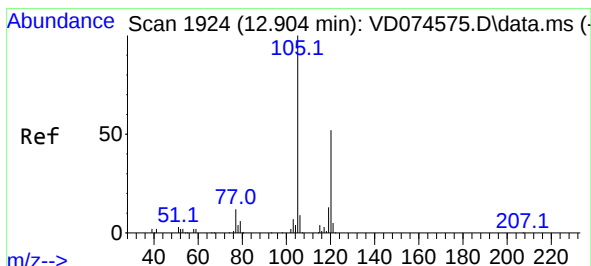
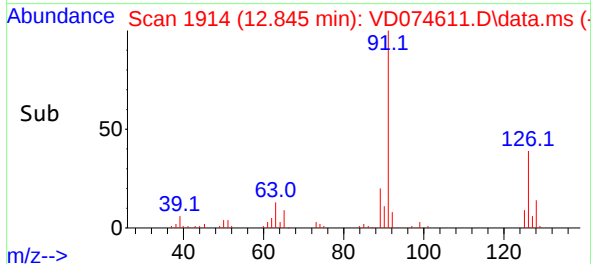
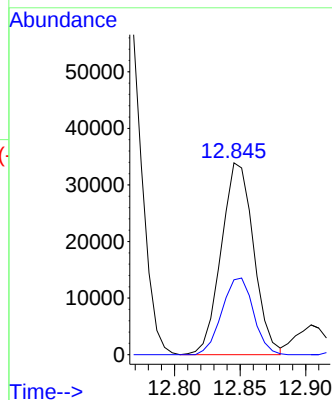
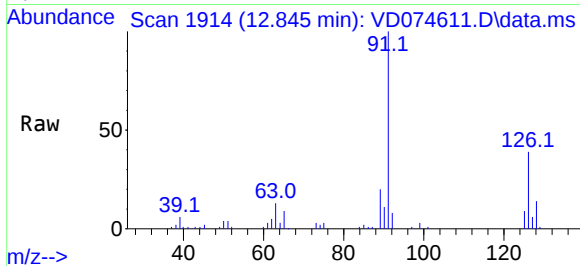




#79
2-Chlorotoluene
Concen: 20.436 ug/l
RT: 12.845 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VD074611.D
Acq: 21 Oct 2022 13:09

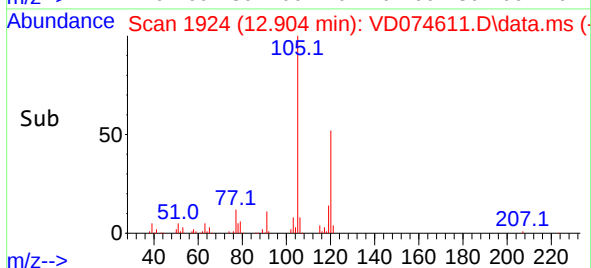
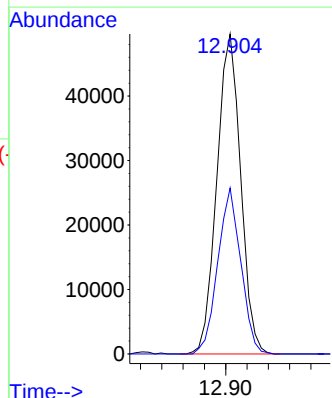
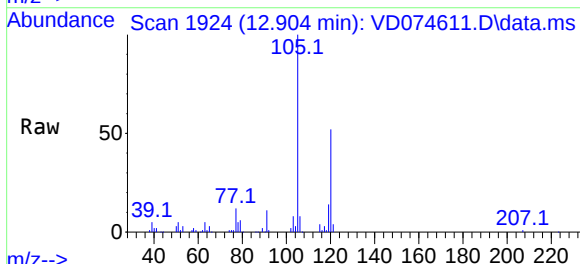
Instrument :
MSVOA_D
ClientSampleId :
VD1021SBSD01

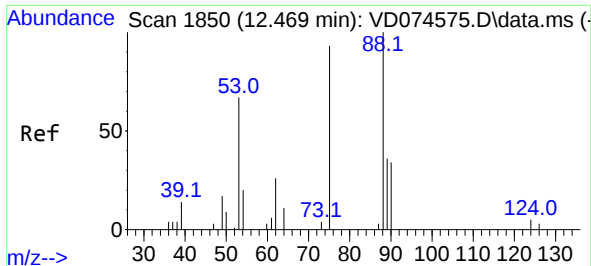
Tgt Ion: 91 Resp: 58358
Ion Ratio Lower Upper
91 100
126 38.8 18.3 54.8



#80
1,3,5-Trimethylbenzene
Concen: 21.241 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.006 min
Lab File: VD074611.D
Acq: 21 Oct 2022 13:09

Tgt Ion: 105 Resp: 76904
Ion Ratio Lower Upper
105 100
120 50.3 25.7 77.0

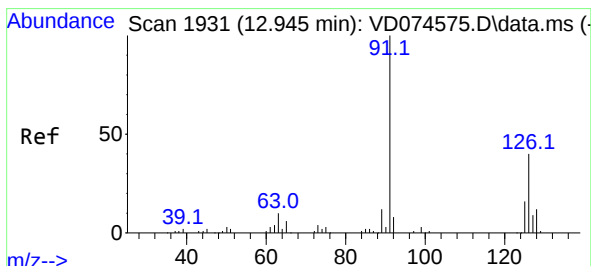
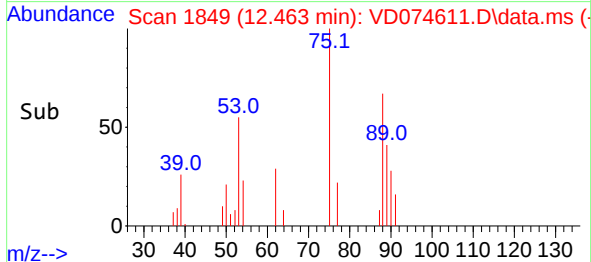
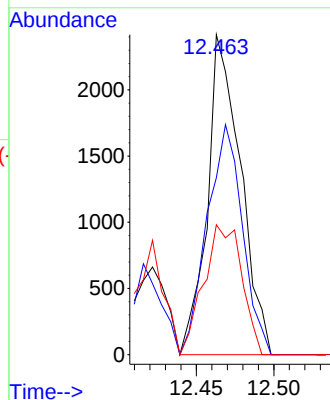
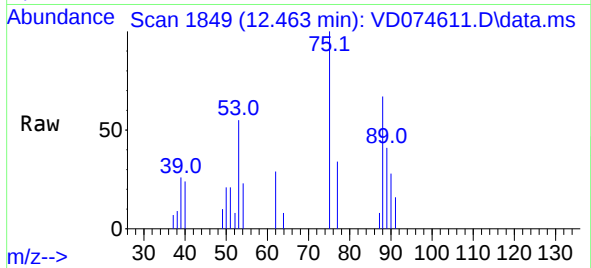




#81
trans-1,4-Dichloro-2-butene
Concen: 18.418 ug/l
RT: 12.463 min Scan# 1849
Delta R.T. -0.000 min
Lab File: VD074611.D
Acq: 21 Oct 2022 13:09

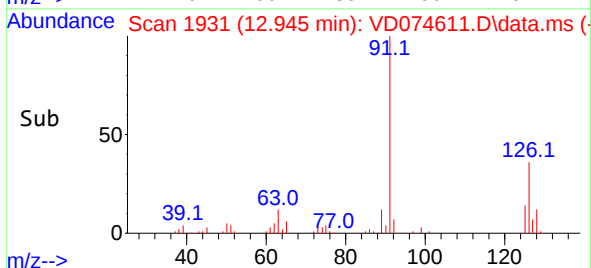
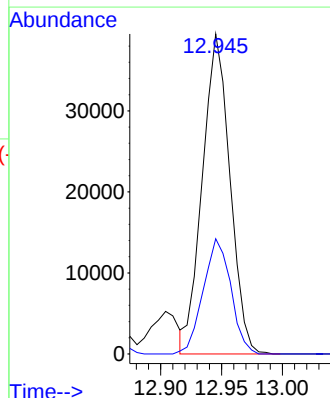
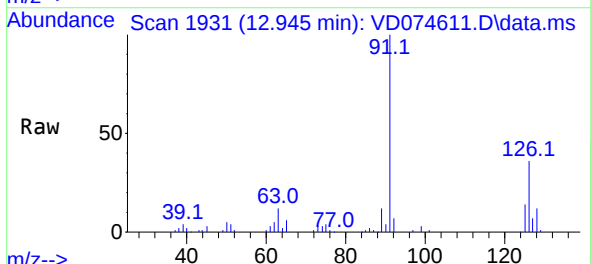
Instrument :
MSVOA_D
ClientSampleId :
VD1021SBSD01

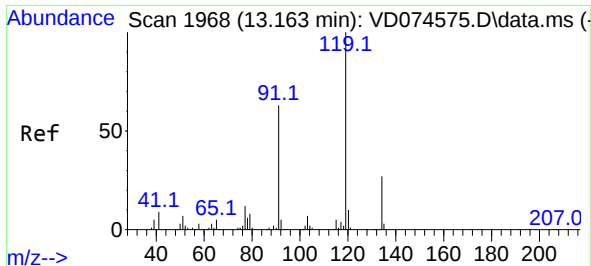
Tgt Ion: 75 Resp: 3599
Ion Ratio Lower Upper
75 100
53 76.5 63.8 95.6
89 46.5 38.2 57.4



#82
4-Chlorotoluene
Concen: 21.196 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.005 min
Lab File: VD074611.D
Acq: 21 Oct 2022 13:09

Tgt Ion: 91 Resp: 62185
Ion Ratio Lower Upper
91 100
126 36.1 18.8 56.4

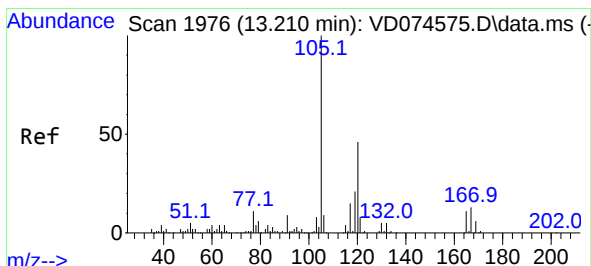
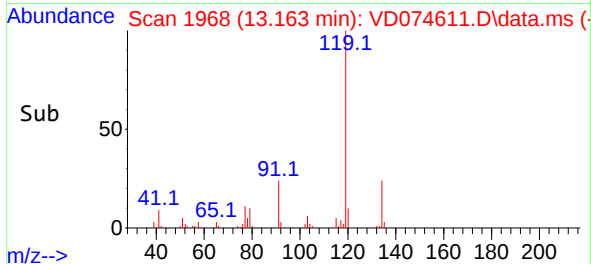
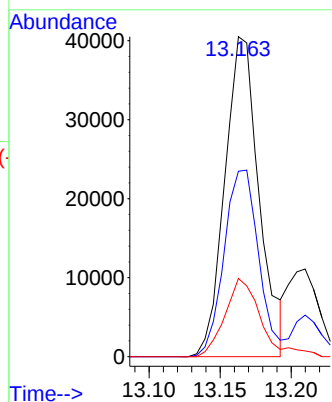
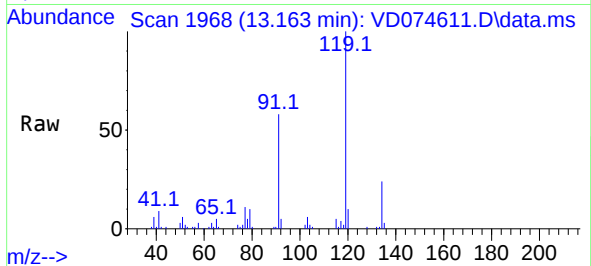




#83
tert-Butylbenzene
Concen: 21.083 ug/l
RT: 13.163 min Scan# 1968
Delta R.T. -0.000 min
Lab File: VD074611.D
Acq: 21 Oct 2022 13:09

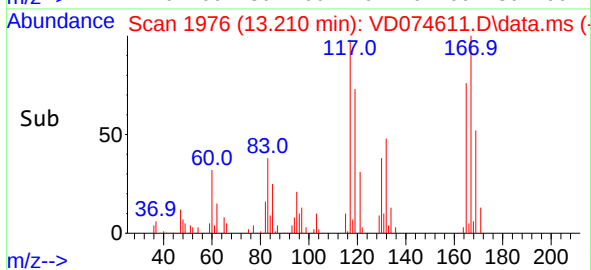
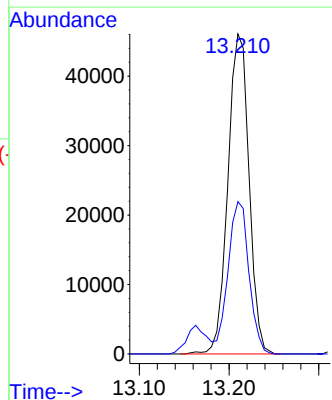
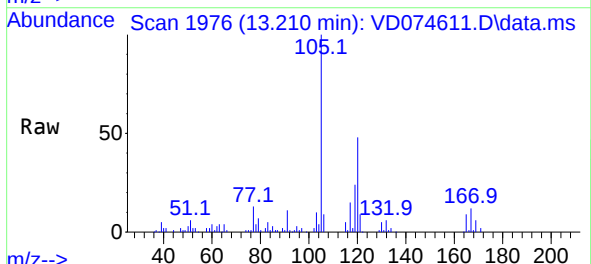
Instrument :
MSVOA_D
ClientSampleId :
VD1021SBSD01

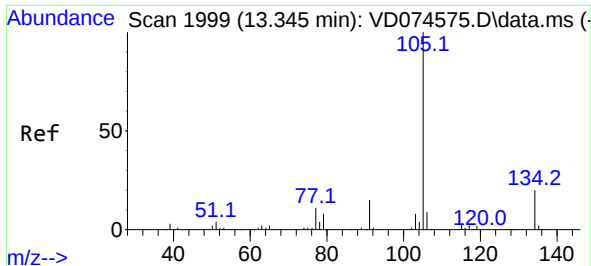
Tgt Ion:119 Resp: 68096
Ion Ratio Lower Upper
119 100
91 58.7 30.0 90.0
134 25.6 13.4 40.1



#84
1,2,4-Trimethylbenzene
Concen: 21.135 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. 0.006 min
Lab File: VD074611.D
Acq: 21 Oct 2022 13:09

Tgt Ion:105 Resp: 75302
Ion Ratio Lower Upper
105 100
120 47.3 22.9 68.7

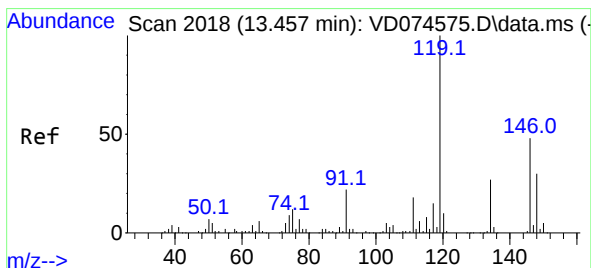
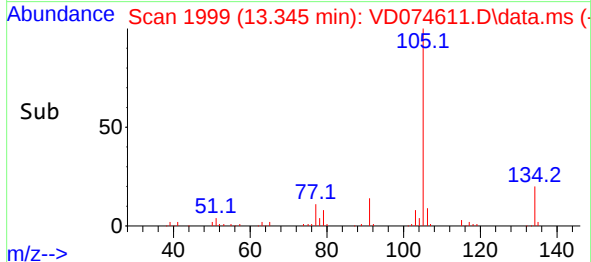
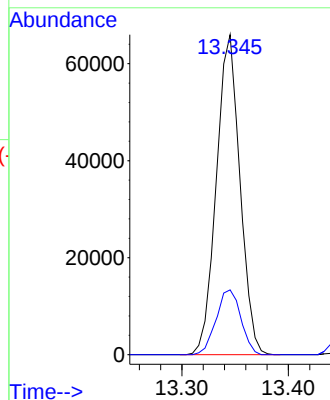
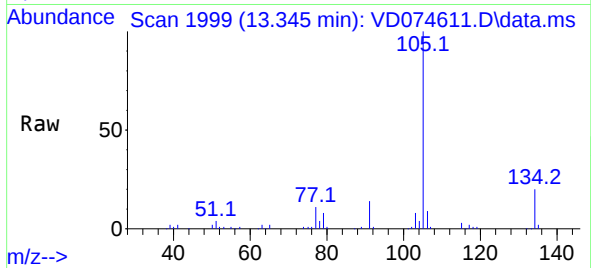




#85
 sec-Butylbenzene
 Concen: 20.920 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.006 min
 Lab File: VD074611.D
 Acq: 21 Oct 2022 13:09

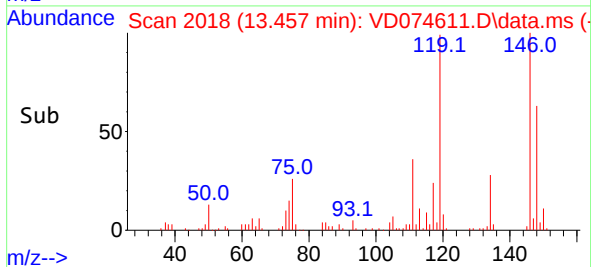
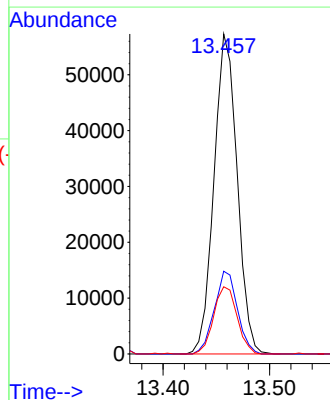
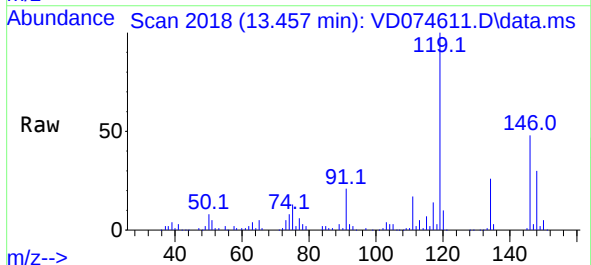
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1021SBSD01

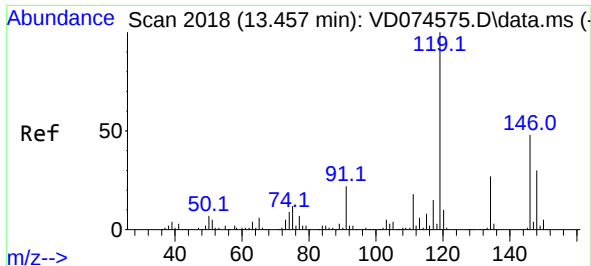
Tgt Ion:105 Resp: 101396
 Ion Ratio Lower Upper
 105 100
 134 21.2 10.0 30.0



#86
 p-Isopropyltoluene
 Concen: 21.301 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. -0.000 min
 Lab File: VD074611.D
 Acq: 21 Oct 2022 13:09

Tgt Ion:119 Resp: 86494
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.5 40.4
 91 21.3 10.8 32.4





#87

1,3-Dichlorobenzene

Concen: 20.954 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. 0.006 min

Lab File: VD074611.D

Acq: 21 Oct 2022 13:09

Instrument :

MSVOA_D

ClientSampleId :

VD1021SBSD01

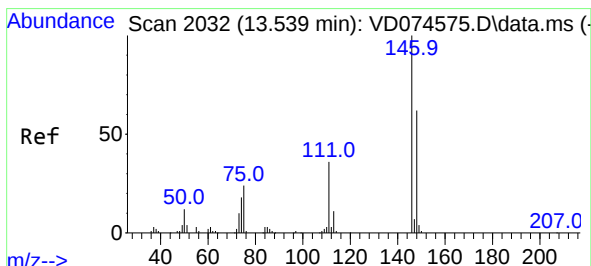
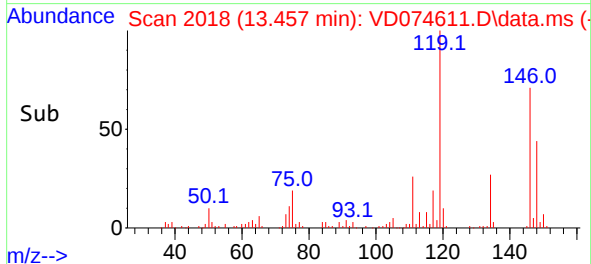
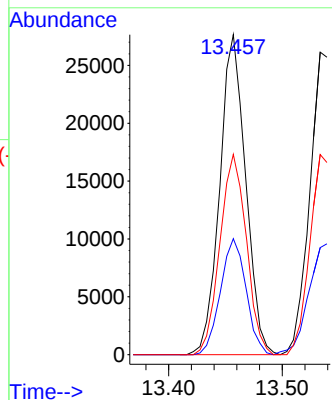
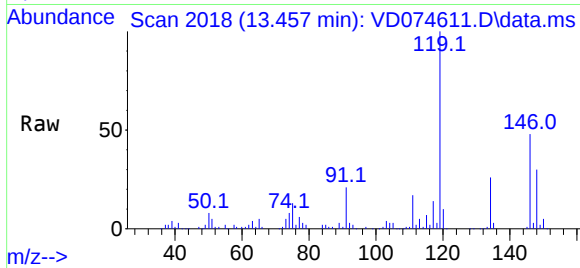
Tgt Ion:146 Resp: 43832

Ion Ratio Lower Upper

146 100

111 35.9 18.3 54.8

148 64.0 31.8 95.4



#88

1,4-Dichlorobenzene

Concen: 21.074 ug/l

RT: 13.533 min Scan# 2031

Delta R.T. -0.001 min

Lab File: VD074611.D

Acq: 21 Oct 2022 13:09

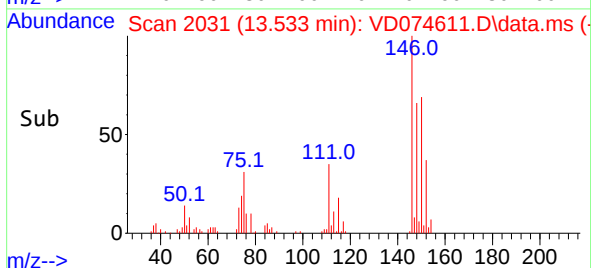
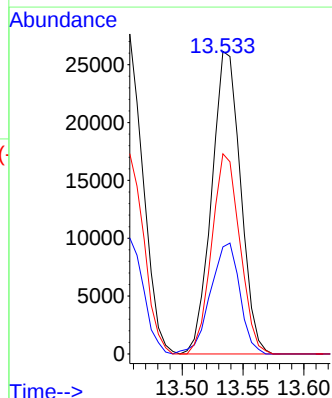
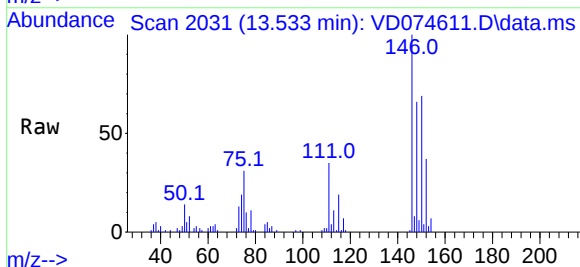
Tgt Ion:146 Resp: 43155

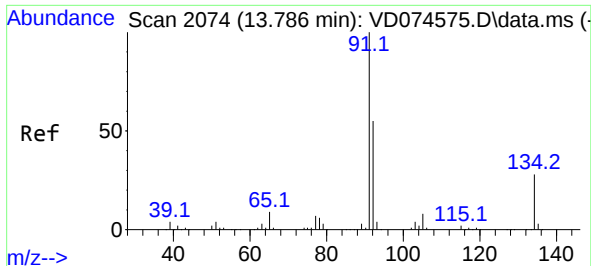
Ion Ratio Lower Upper

146 100

111 37.2 17.7 53.1

148 64.7 32.3 96.9



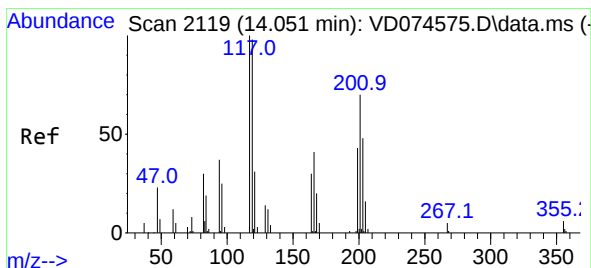
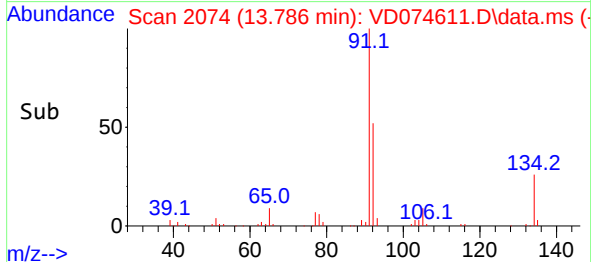
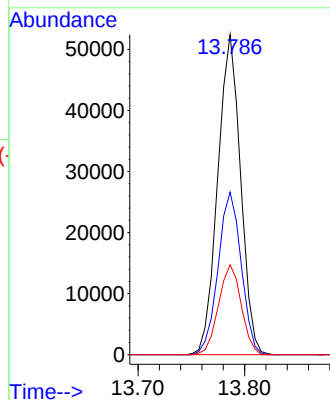
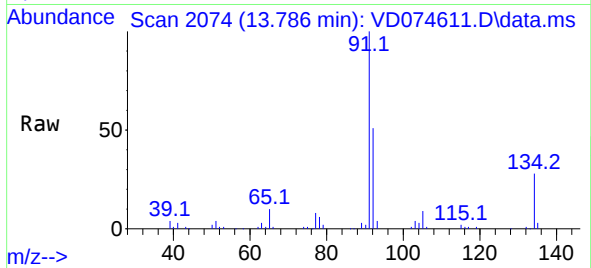


#89
n-Butylbenzene
Concen: 21.065 ug/l
RT: 13.786 min Scan# 2074
Delta R.T. 0.005 min
Lab File: VD074611.D
Acq: 21 Oct 2022 13:09

Instrument :
MSVOA_D
ClientSampleId :
VD1021SBSD01

Tgt Ion: 91 Resp: 77928

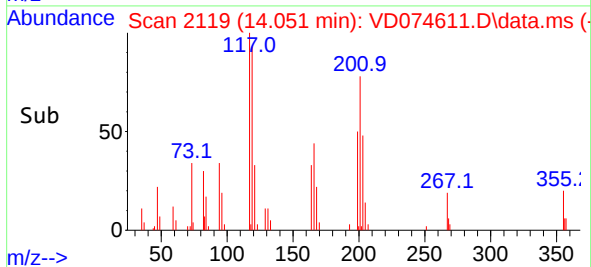
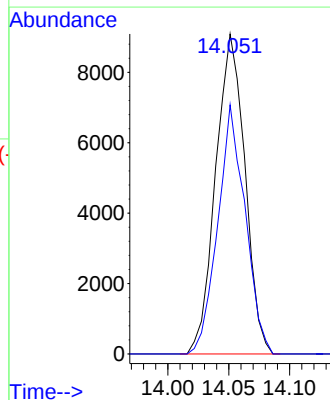
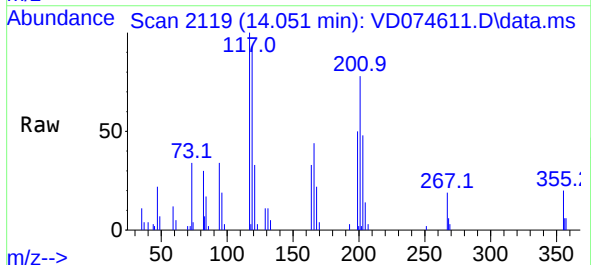
Ion	Ratio	Lower	Upper
91	100		
92	51.3	26.9	80.7
134	27.9	13.4	40.2

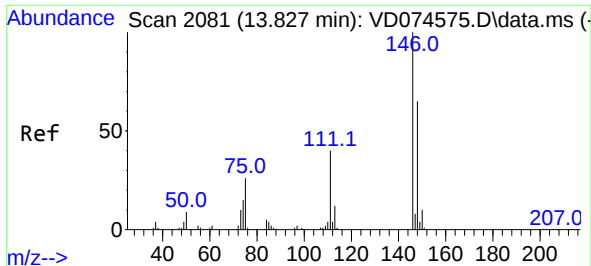


#90
Hexachloroethane
Concen: 21.511 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. 0.006 min
Lab File: VD074611.D
Acq: 21 Oct 2022 13:09

Tgt Ion: 117 Resp: 15203

Ion	Ratio	Lower	Upper
117	100		
201	73.1	38.0	114.0





#91

1,2-Dichlorobenzene

Concen: 21.337 ug/l

RT: 13.828 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VD074611.D

Acq: 21 Oct 2022 13:09

Instrument :

MSVOA_D

ClientSampleId :

VD1021SBSD01

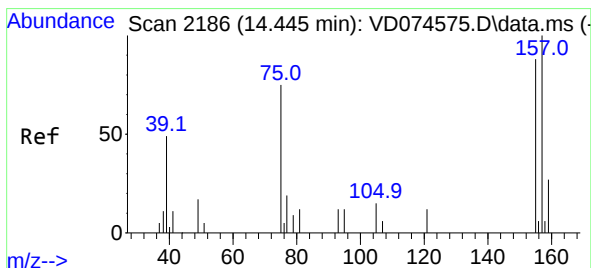
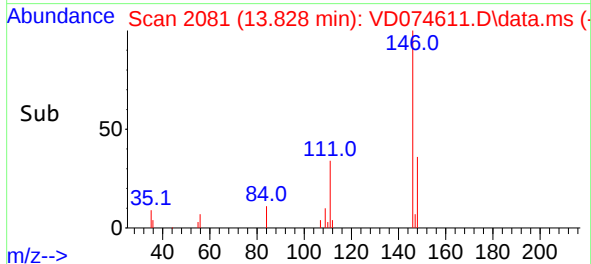
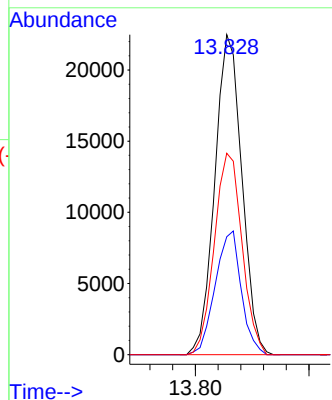
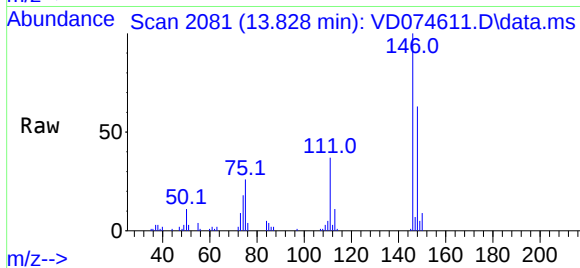
Tgt Ion:146 Resp: 37233

Ion Ratio Lower Upper

146 100

111 37.1 18.9 56.5

148 64.4 31.9 95.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.308 ug/l

RT: 14.451 min Scan# 2187

Delta R.T. 0.012 min

Lab File: VD074611.D

Acq: 21 Oct 2022 13:09

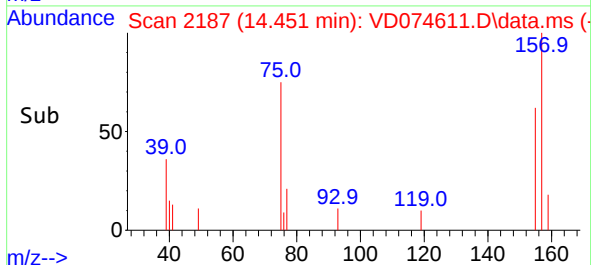
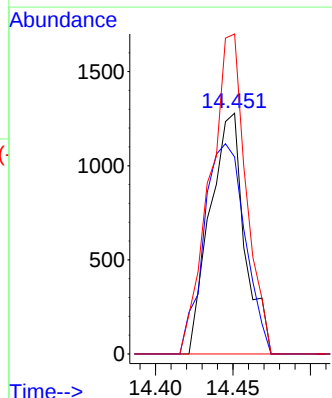
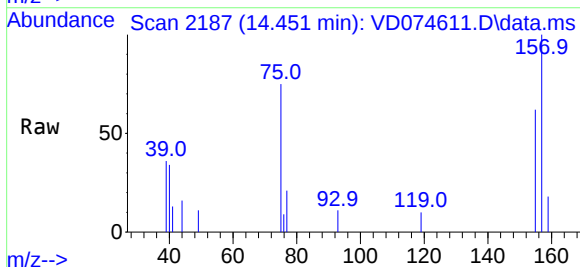
Tgt Ion: 75 Resp: 1983

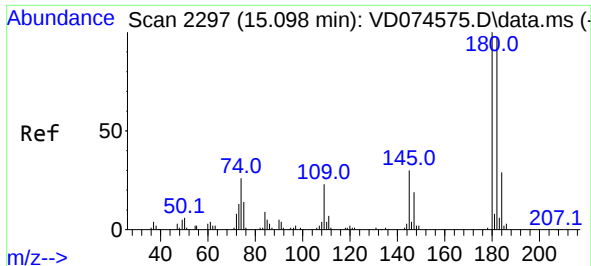
Ion Ratio Lower Upper

75 100

155 103.8 51.2 153.8

157 138.7 68.2 204.5

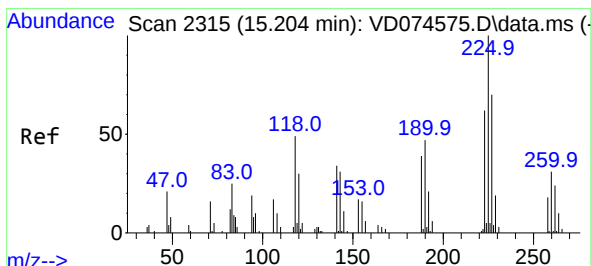
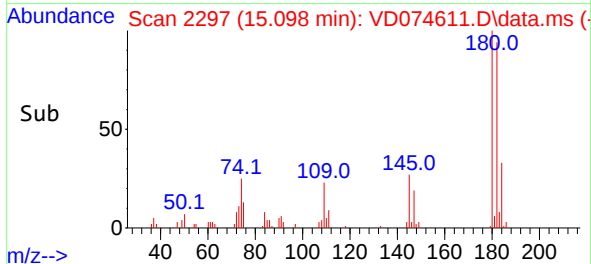
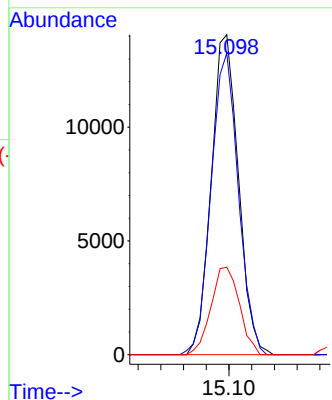
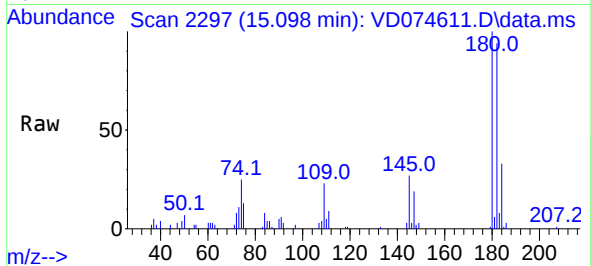




#93
1,2,4-Trichlorobenzene
Concen: 20.276 ug/l
RT: 15.098 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD074611.D
Acq: 21 Oct 2022 13:09

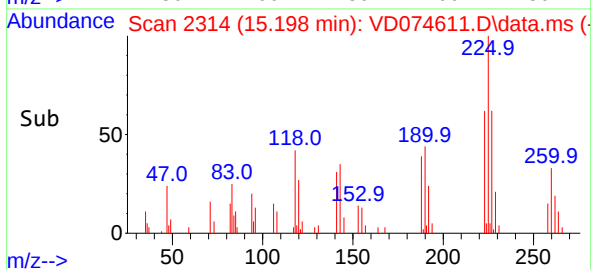
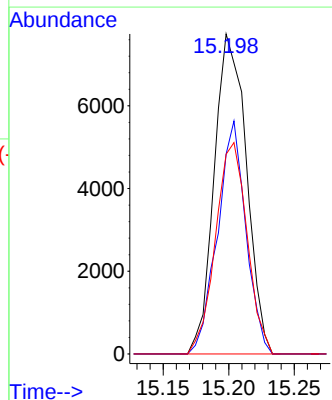
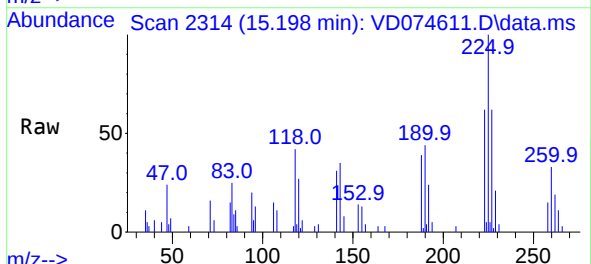
Instrument :
MSVOA_D
ClientSampleId :
VD1021SBSD01

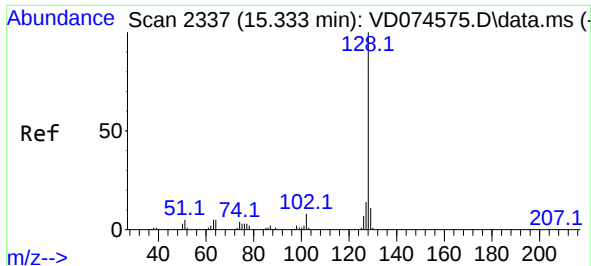
Tgt Ion:180 Resp: 23340
Ion Ratio Lower Upper
180 100
182 94.6 46.9 140.6
145 28.6 14.1 42.3



#94
Hexachlorobutadiene
Concen: 20.799 ug/l
RT: 15.198 min Scan# 2314
Delta R.T. 0.000 min
Lab File: VD074611.D
Acq: 21 Oct 2022 13:09

Tgt Ion:225 Resp: 13171
Ion Ratio Lower Upper
225 100
223 64.2 31.9 95.5
227 65.0 32.6 97.8

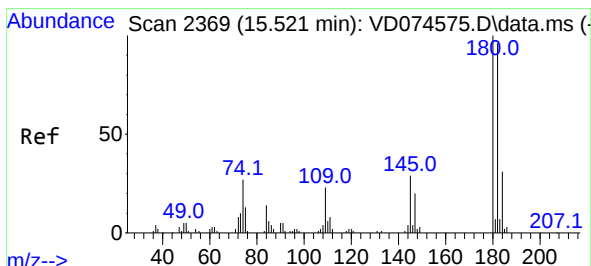
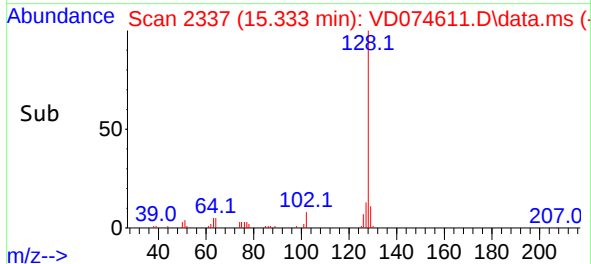
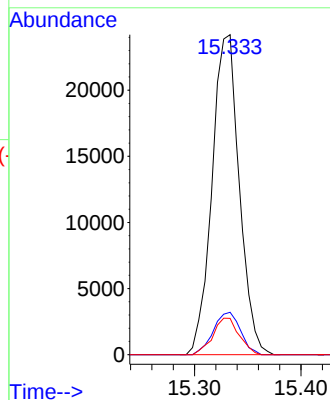
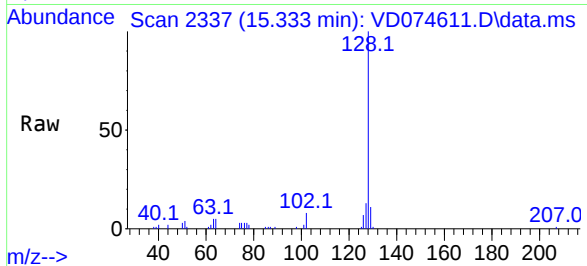




#95
Naphthalene
Concen: 19.840 ug/l
RT: 15.333 min Scan# 21
Delta R.T. 0.005 min
Lab File: VD074611.D
Acq: 21 Oct 2022 13:09

Instrument :
MSVOA_D
ClientSampleId :
VD1021SBSD01

Tgt Ion:	128	Resp:	42991
Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.6	16.0
129	11.0	8.3	12.5



#96
1,2,3-Trichlorobenzene
Concen: 20.669 ug/l
RT: 15.516 min Scan# 2368
Delta R.T. -0.000 min
Lab File: VD074611.D
Acq: 21 Oct 2022 13:09

Tgt Ion:	180	Resp:	20395
Ion	Ratio	Lower	Upper
180	100		
182	94.8	46.7	140.1
145	30.6	14.9	44.7

