

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080122\
 Data File : VD073913.D
 Acq On : 01 Aug 2022 14:08
 Operator : VA/SY
 Sample : VSTDICC150
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC150

Quant Time: Aug 02 04:53:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D080122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 02 04:48:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.967	168	213114	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	337910	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	315467	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	165242	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	243983	123.323	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 246.640%#	
35) Dibromofluoromethane	7.909	113	278083	132.453	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 264.900%#	
50) Toluene-d8	10.332	98	936700	132.451	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 264.900%#	
62) 4-Bromofluorobenzene	12.620	95	372708	143.310	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 286.620%#	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	276351	139.817	ug/l	99
3) Chloromethane	2.209	50	375535	138.681	ug/l	95
4) Vinyl Chloride	2.344	62	498116	149.163	ug/l	100
5) Bromomethane	2.738	94	367112	155.671	ug/l	99
6) Chloroethane	2.903	64	338689	144.206	ug/l	96
7) Trichlorofluoromethane	3.262	101	520756	145.467	ug/l	98
8) Diethyl Ether	3.703	74	129347	143.560	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.085	101	295840	139.408	ug/l	97
10) Methyl Iodide	4.291	142	384153	165.550	ug/l	100
11) Tert butyl alcohol	5.226	59	87329	535.103	ug/l	98
12) 1,1-Dichloroethene	4.062	96	281525	149.726	ug/l	93
13) Acrolein	3.915	56	103494	1028.657	ug/l	99
14) Allyl chloride	4.703	41	361148	142.057	ug/l	99
15) Acrylonitrile	5.415	53	271732	704.476	ug/l	100
16) Acetone	4.156	43	225422	609.634	ug/l	98
17) Carbon Disulfide	4.403	76	884043	161.459	ug/l	99
18) Methyl Acetate	4.709	43	128243	115.933	ug/l	99
19) Methyl tert-butyl Ether	5.473	73	673958	148.048	ug/l	97
20) Methylene Chloride	4.956	84	333551	86.287	ug/l	97
21) trans-1,2-Dichloroethene	5.462	96	336892	150.342	ug/l	96
22) Diisopropyl ether	6.362	45	824889	149.445	ug/l	97
23) Vinyl Acetate	6.297	43	2367246	812.633	ug/l	99
24) 1,1-Dichloroethane	6.256	63	542333	145.254	ug/l	99
25) 2-Butanone	7.203	43	343524	660.458	ug/l	99
26) 2,2-Dichloropropane	7.203	77	536781	142.184	ug/l	99
27) cis-1,2-Dichloroethene	7.203	96	370508	146.867	ug/l	99
28) Bromochloromethane	7.538	49	179624	144.165	ug/l	98
29) Tetrahydrofuran	7.556	42	220198	724.548	ug/l	98
30) Chloroform	7.703	83	604748	142.146	ug/l	98
31) Cyclohexane	7.979	56	480085	145.477	ug/l	97
32) 1,1,1-Trichloroethane	7.897	97	585970	144.651	ug/l	98
36) 1,1-Dichloropropene	8.103	75	461912	154.474	ug/l	98
37) Ethyl Acetate	7.291	43	161180	144.733	ug/l	99
38) Carbon Tetrachloride	8.091	117	523246	156.206	ug/l	96
39) Methylcyclohexane	9.350	83	575311	164.142	ug/l	97
40) Benzene	8.344	78	1276303	155.548	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	83895	130.501	ug/l #	86
42) 1,2-Dichloroethane	8.414	62	362884	144.094	ug/l	99
43) Isopropyl Acetate	8.444	43	326530	148.069	ug/l	98
44) Trichloroethene	9.103	130	376556	152.337	ug/l	95
45) 1,2-Dichloropropane	9.379	63	296579	150.214	ug/l	99
46) Dibromomethane	9.467	93	187284	147.481	ug/l	98
47) Bromodichloromethane	9.650	83	466220	148.213	ug/l	99
48) Methyl methacrylate	9.450	41	152785	148.462	ug/l	97
49) 1,4-Dioxane	9.455	88	37405	2794.828	ug/l	97
51) 4-Methyl-2-Pentanone	10.220	43	817554	742.556	ug/l	99
52) Toluene	10.397	92	897488	160.746	ug/l	98
53) t-1,3-Dichloropropene	10.608	75	450859	155.702	ug/l	97
54) cis-1,3-Dichloropropene	10.079	75	512749	156.409	ug/l	98
55) 1,1,2-Trichloroethane	10.791	97	241067	147.594	ug/l	98
56) Ethyl methacrylate	10.650	69	294543	158.388	ug/l	97
57) 1,3-Dichloropropane	10.932	76	400599	151.547	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.932	63	595697	837.055	ug/l	99
59) 2-Hexanone	10.973	43	557162	747.834	ug/l	99
60) Dibromochloromethane	11.126	129	338309	153.519	ug/l	98
61) 1,2-Dibromoethane	11.232	107	250668	151.414	ug/l	99
64) Tetrachloroethene	10.867	164	323357	144.030	ug/l	99
65) Chlorobenzene	11.661	112	936831	149.800	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.732	131	360694	150.566	ug/l	97
67) Ethyl Benzene	11.732	91	1741970	157.704	ug/l	100
68) m/p-Xylenes	11.844	106	1409095	321.797	ug/l	100
69) o-Xylene	12.167	106	663730	161.839	ug/l	97
70) Styrene	12.185	104	1114441	160.882	ug/l	99
71) Bromoform	12.344	173	206213	156.730	ug/l #	99
73) Isopropylbenzene	12.467	105	1760175	154.485	ug/l	99
74) N-amyl acetate	12.273	43	333898	146.343	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.714	83	267589	137.867	ug/l	97
76) 1,2,3-Trichloropropane	12.767	75	348874	233.197	ug/l #	100
77) Bromobenzene	12.749	156	404068	150.653	ug/l	98
78) n-propylbenzene	12.808	91	2100063	151.564	ug/l	100
79) 2-Chlorotoluene	12.891	91	1178681	148.706	ug/l	100
80) 1,3,5-Trimethylbenzene	12.944	105	1494508	154.394	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.514	75	88206	153.145	ug/l	100
82) 4-Chlorotoluene	12.991	91	1220899	146.945	ug/l	98
83) tert-Butylbenzene	13.208	119	1299912	154.234	ug/l	98
84) 1,2,4-Trimethylbenzene	13.249	105	1469551	153.676	ug/l	99
85) sec-Butylbenzene	13.385	105	1925575	150.992	ug/l	99
86) p-Isopropyltoluene	13.502	119	1679048	156.742	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	828405	147.904	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	806917	145.441	ug/l	99
89) n-Butylbenzene	13.826	91	1500236	151.885	ug/l	99
90) Hexachloroethane	14.091	117	302124	153.906	ug/l	98
91) 1,2-Dichlorobenzene	13.873	146	709801	148.221	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.485	75	44903	135.823	ug/l	96
93) 1,2,4-Trichlorobenzene	15.138	180	446014	149.776	ug/l	99
94) Hexachlorobutadiene	15.243	225	243416	150.456	ug/l	98
95) Naphthalene	15.379	128	843647	155.110	ug/l	99
96) 1,2,3-Trichlorobenzene	15.567	180	382383	148.555	ug/l	98

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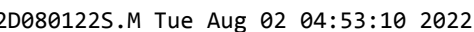
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MSVOA_D
ClientSampleId :
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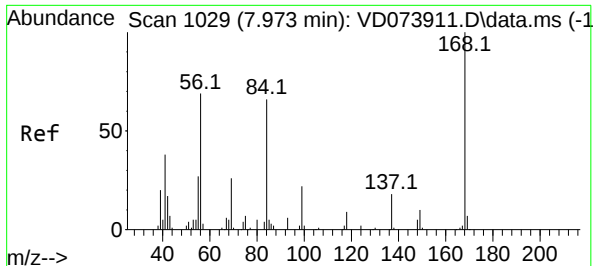
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Quant Title : SW846 8260
QLast Update : Tue Aug 02 04:48:40 2022
Response via : Initial Calibration

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

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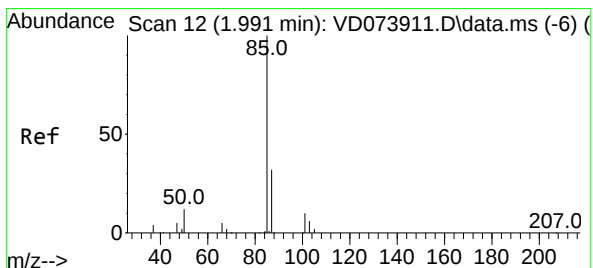
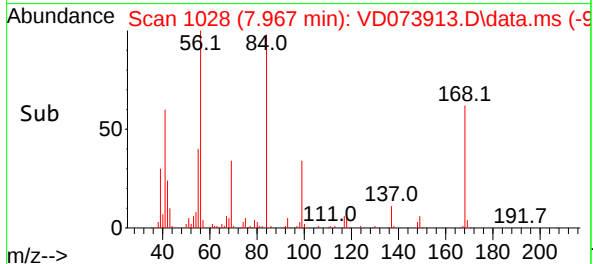
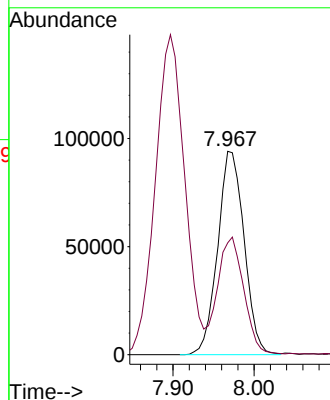
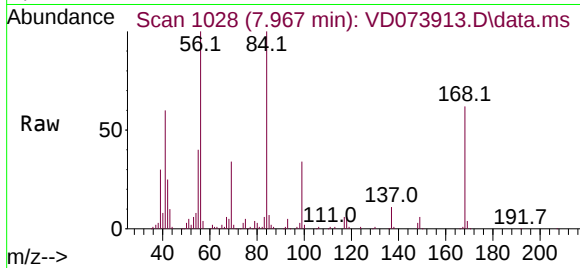




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.006 min
Lab File: VD073913.D
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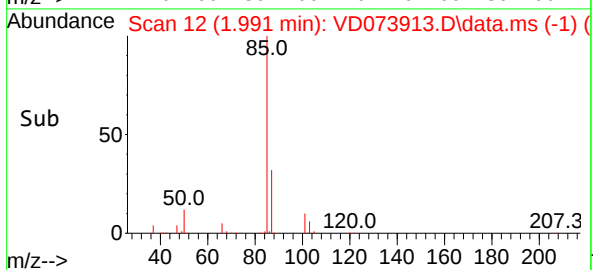
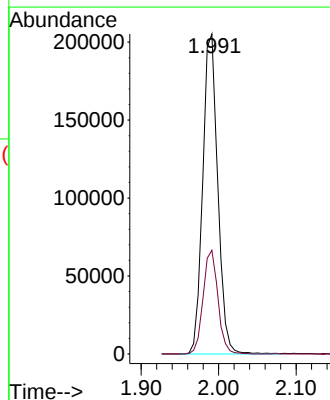
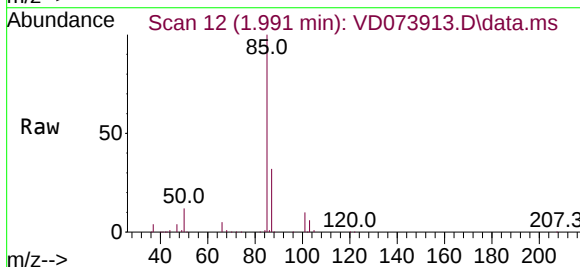
Instrument :
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VSTDIC150

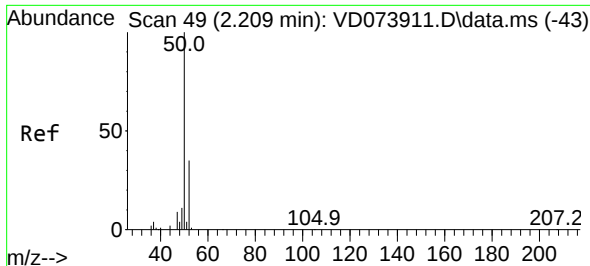
Tgt Ion:168 Resp: 213114
Ion Ratio Lower Upper
168 100
99 54.4 52.2 78.4



#2
Dichlorodifluoromethane
Concen: 139.817 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD073913.D
Acq: 01 Aug 2022 14:08

Tgt Ion: 85 Resp: 276351
Ion Ratio Lower Upper
85 100
87 32.4 16.1 48.2

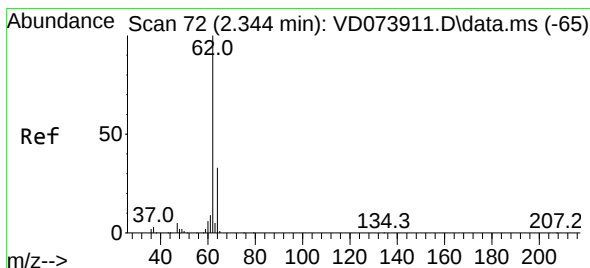
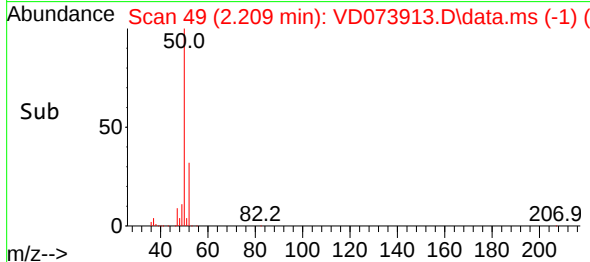
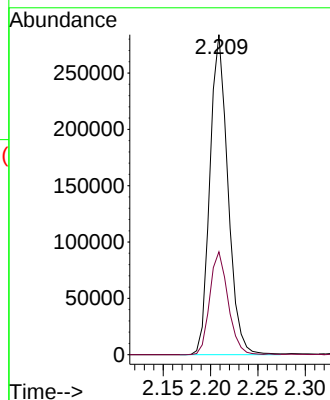
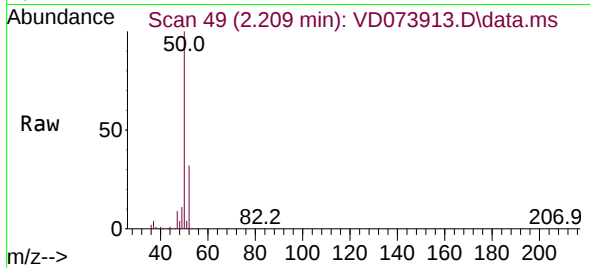




#3
Chloromethane
Concen: 138.681 ug/l
RT: 2.209 min Scan# 49
Delta R.T. 0.000 min
Lab File: VD073913.D
Acq: 01 Aug 2022 14:08

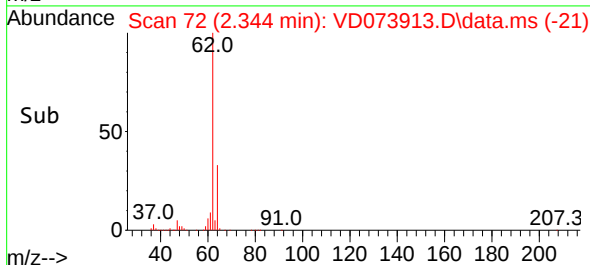
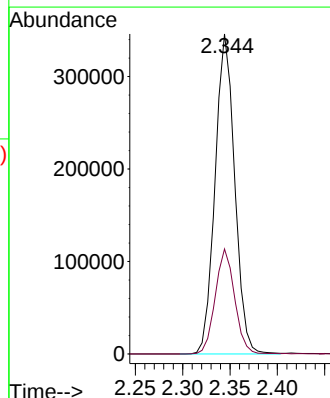
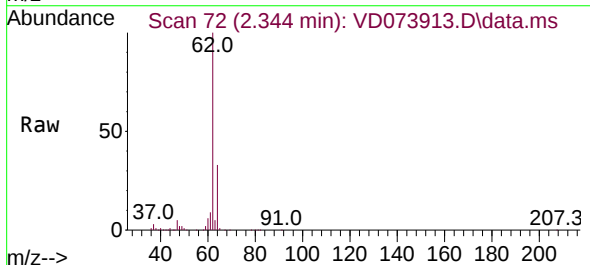
Instrument :
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ClientSampleId :
VSTDIC150

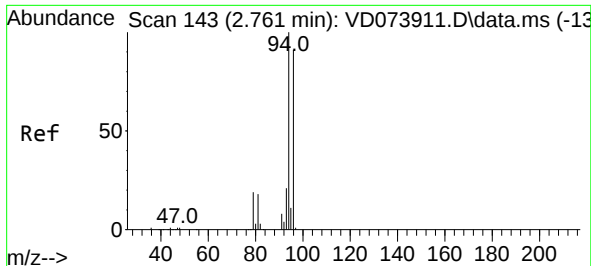
Tgt Ion: 50 Resp: 375535
Ion Ratio Lower Upper
50 100
52 32.2 28.2 42.2



#4
Vinyl Chloride
Concen: 149.163 ug/l
RT: 2.344 min Scan# 72
Delta R.T. 0.000 min
Lab File: VD073913.D
Acq: 01 Aug 2022 14:08

Tgt Ion: 62 Resp: 498116
Ion Ratio Lower Upper
62 100
64 32.8 26.1 39.1

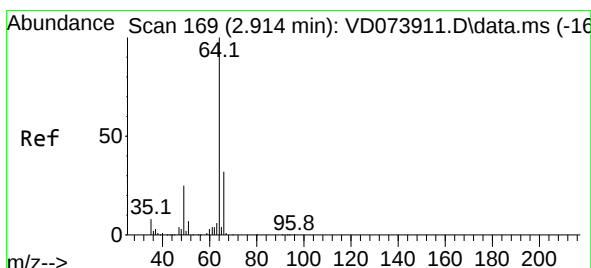
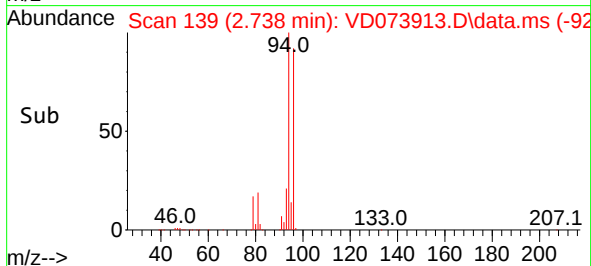
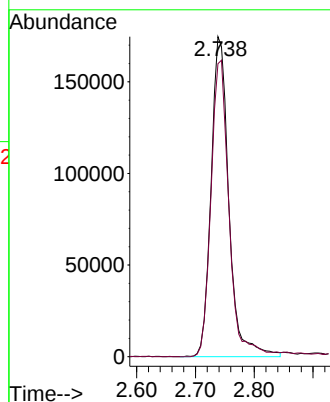
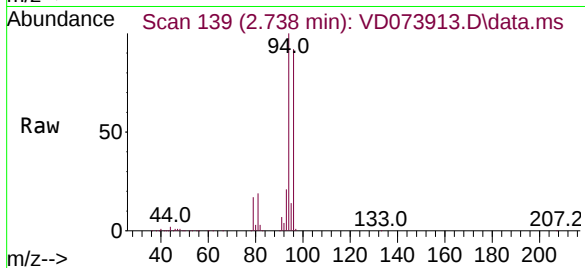




#5
Bromomethane
Concen: 155.671 ug/l
RT: 2.738 min Scan# 11
Delta R.T. -0.023 min
Lab File: VD073913.D
Acq: 01 Aug 2022 14:08

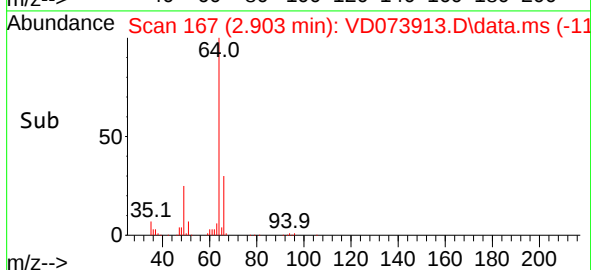
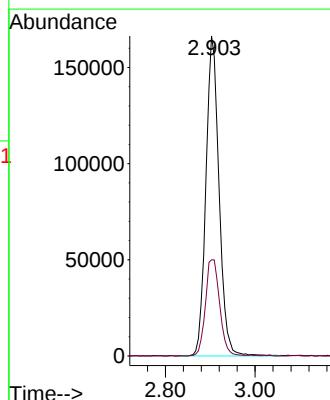
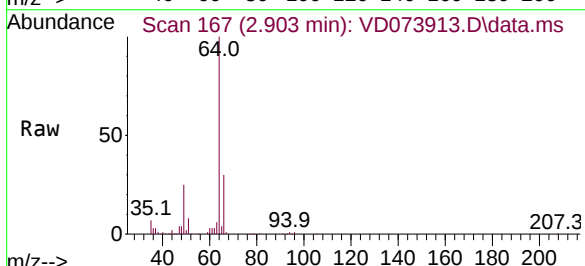
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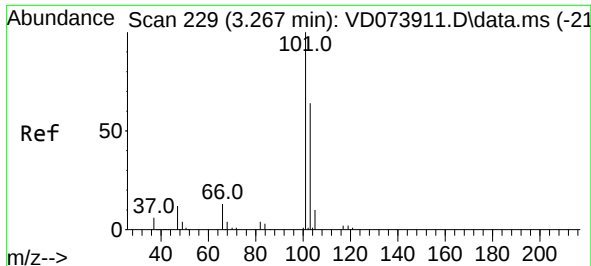
Tgt Ion: 94 Resp: 367112
Ion Ratio Lower Upper
94 100
96 91.6 72.7 109.1



#6
Chloroethane
Concen: 144.206 ug/l
RT: 2.903 min Scan# 167
Delta R.T. -0.011 min
Lab File: VD073913.D
Acq: 01 Aug 2022 14:08

Tgt Ion: 64 Resp: 338689
Ion Ratio Lower Upper
64 100
66 30.1 25.8 38.6

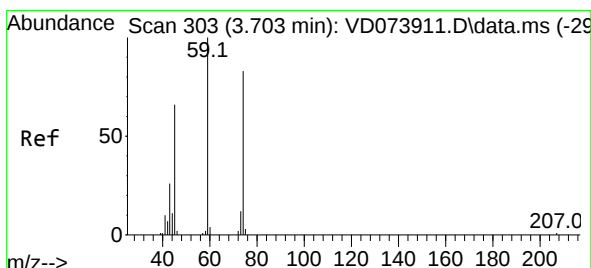
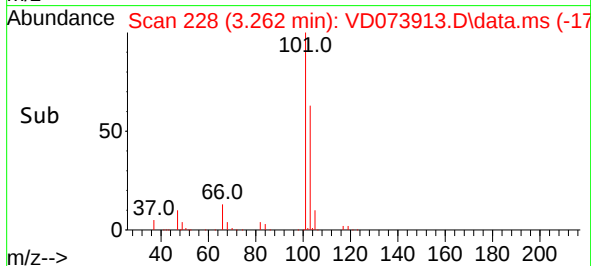
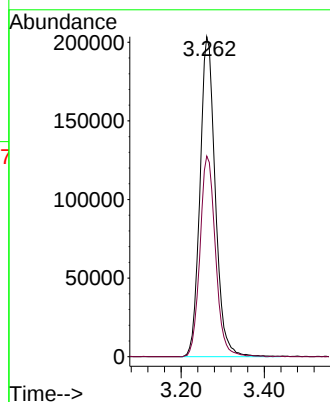
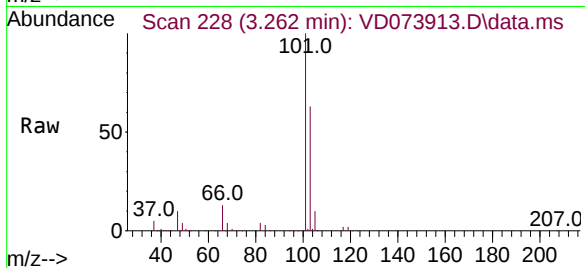




#7
Trichlorofluoromethane
Concen: 145.467 ug/l
RT: 3.262 min Scan# 229
Delta R.T. -0.006 min
Lab File: VD073913.D
Acq: 01 Aug 2022 14:08

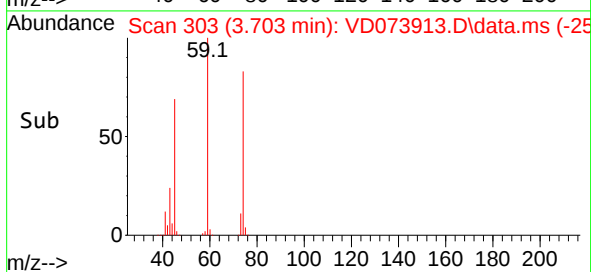
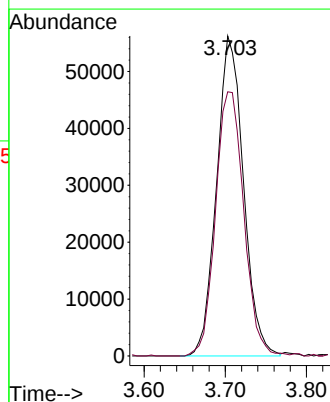
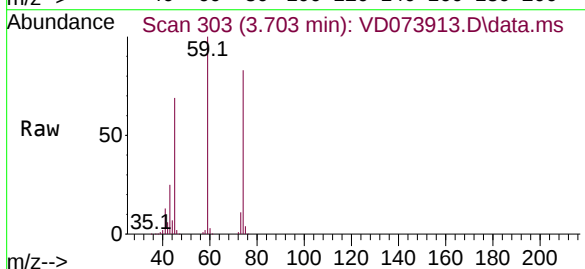
Instrument :
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ClientSampleId :
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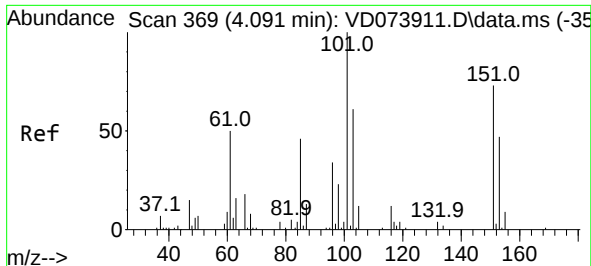
Tgt Ion:101 Resp: 520756
Ion Ratio Lower Upper
101 100
103 62.7 51.4 77.0



#8
Diethyl Ether
Concen: 143.560 ug/l
RT: 3.703 min Scan# 303
Delta R.T. 0.000 min
Lab File: VD073913.D
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Tgt Ion: 74 Resp: 129347
Ion Ratio Lower Upper
74 100
45 86.8 42.4 127.3

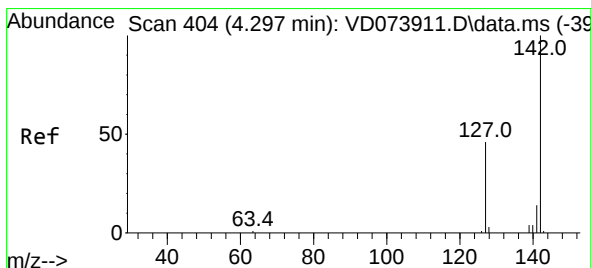
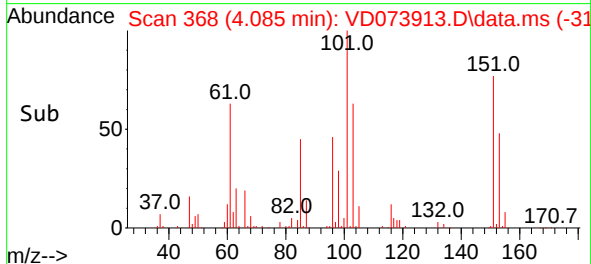
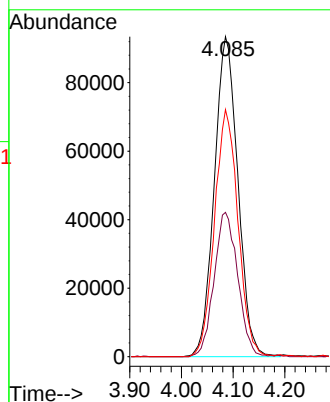
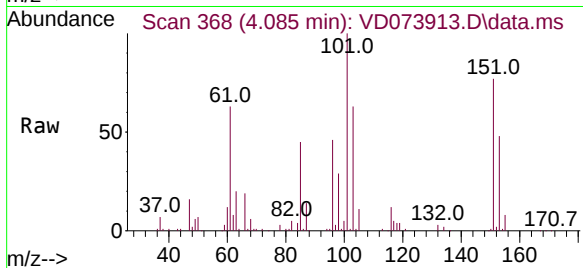




#9
1,1,2-Trichlorotrifluoroethane
Concen: 139.408 ug/l
RT: 4.085 min Scan# 30
Delta R.T. -0.006 min
Lab File: VD073913.D
Acq: 01 Aug 2022 14:08

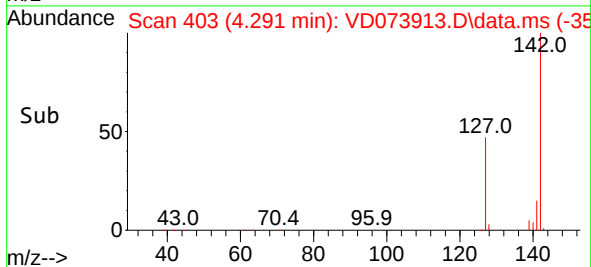
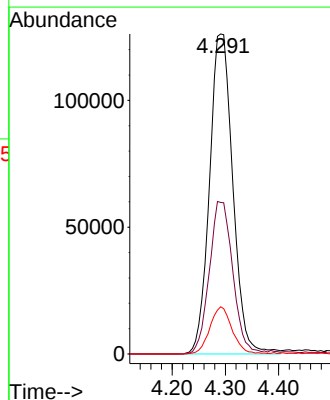
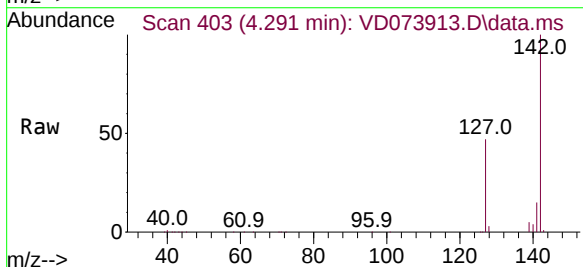
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

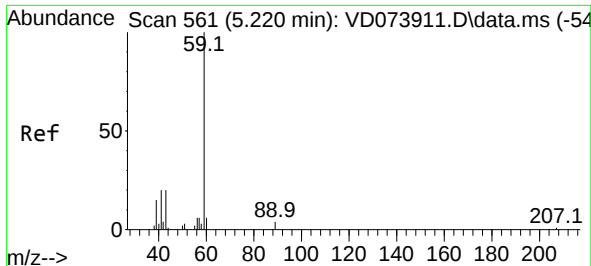
Tgt Ion:101 Resp: 295840
Ion Ratio Lower Upper
101 100
85 45.2 36.5 54.7
151 77.0 58.9 88.3



#10
Methyl Iodide
Concen: 165.550 ug/l
RT: 4.291 min Scan# 403
Delta R.T. -0.006 min
Lab File: VD073913.D
Acq: 01 Aug 2022 14:08

Tgt Ion:142 Resp: 384153
Ion Ratio Lower Upper
142 100
127 48.0 38.3 57.5
141 14.1 11.5 17.3

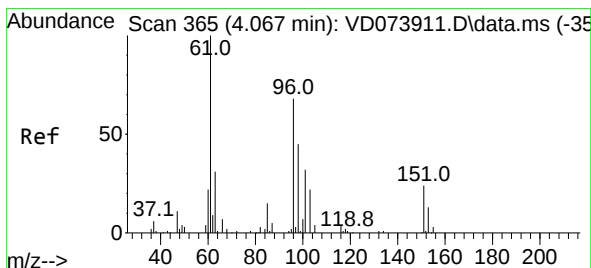
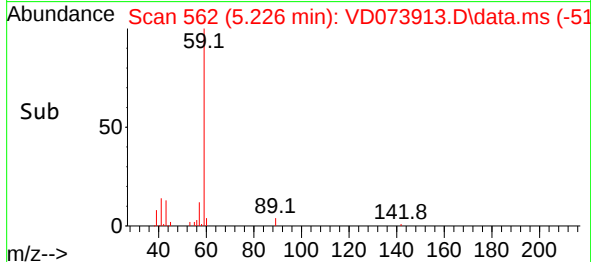
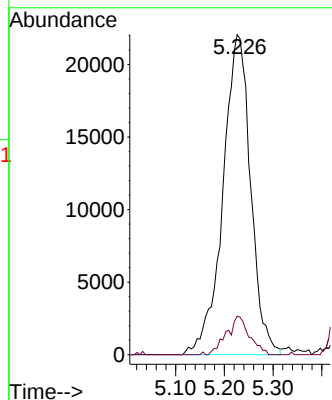
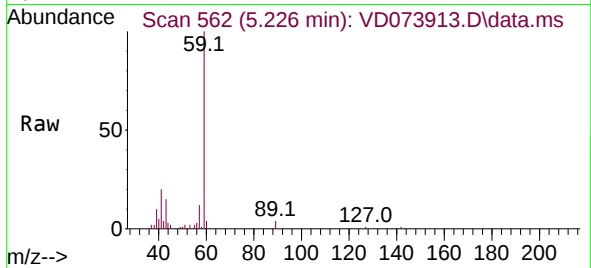




#11
Tert butyl alcohol
Concen: 535.103 ug/l
RT: 5.226 min Scan# 50
Delta R.T. 0.006 min
Lab File: VD073913.D
Acq: 01 Aug 2022 14:08

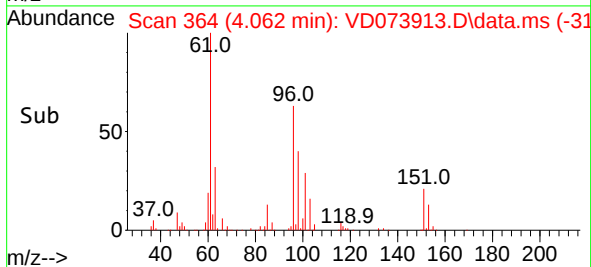
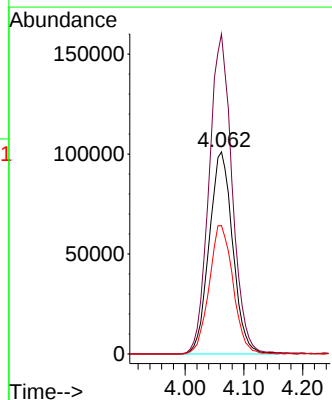
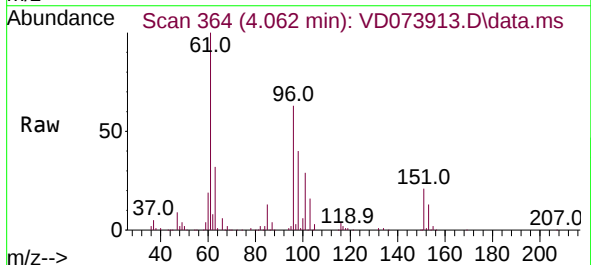
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

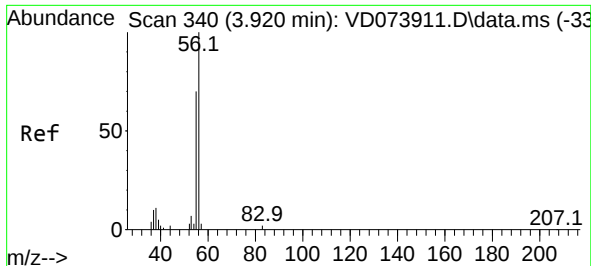
Tgt Ion: 59 Resp: 87329
Ion Ratio Lower Upper
59 100
57 9.9 7.2 10.8



#12
1,1-Dichloroethene
Concen: 149.726 ug/l
RT: 4.062 min Scan# 364
Delta R.T. -0.006 min
Lab File: VD073913.D
Acq: 01 Aug 2022 14:08

Tgt Ion: 96 Resp: 281525
Ion Ratio Lower Upper
96 100
61 158.4 118.5 177.7
98 63.5 53.2 79.8

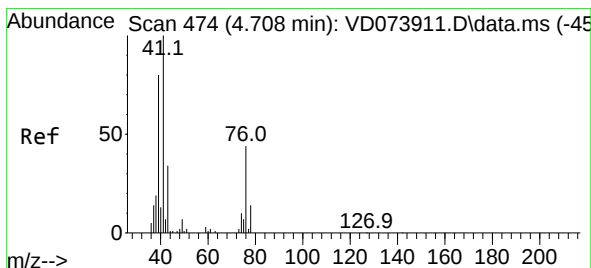
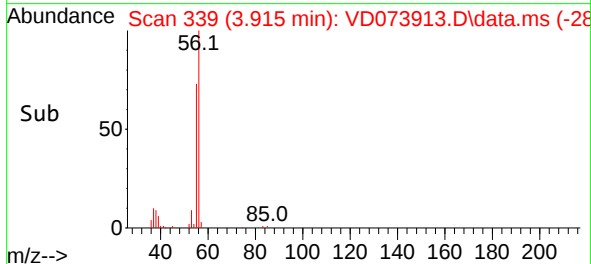
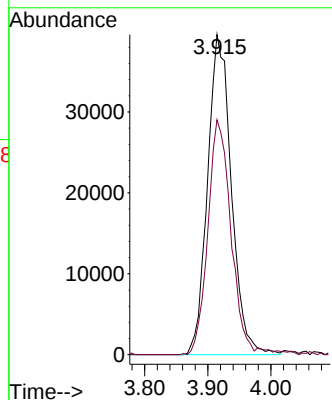
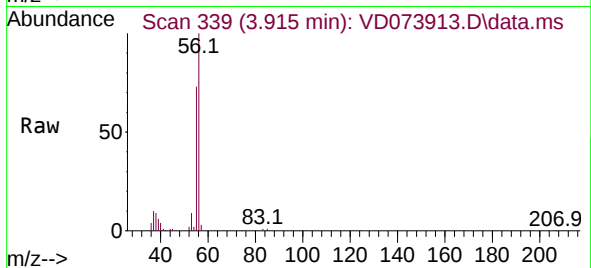




#13
Acrolein
Concen: 1028.657 ug/l
RT: 3.915 min Scan# 31
Delta R.T. -0.006 min
Lab File: VD073913.D
Acq: 01 Aug 2022 14:08

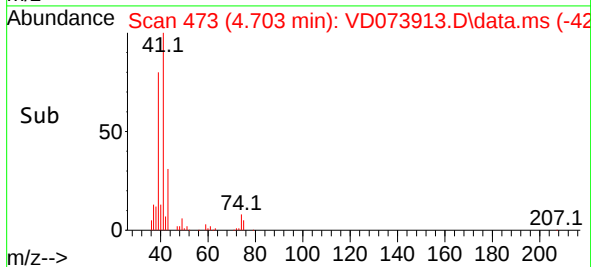
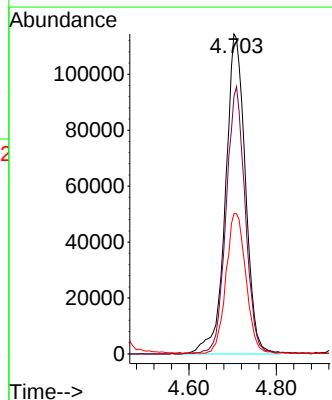
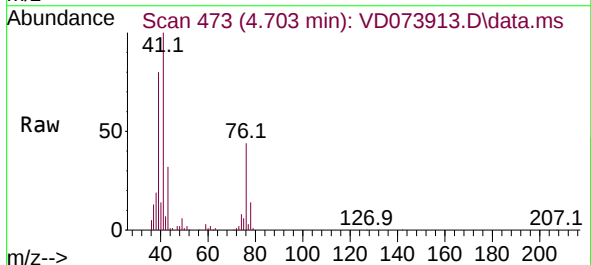
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

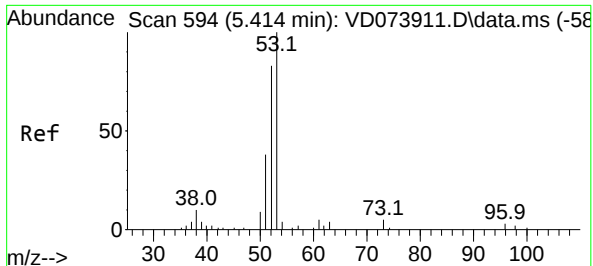
Tgt Ion: 56 Resp: 103494
Ion Ratio Lower Upper
56 100
55 72.2 58.4 87.6



#14
Allyl chloride
Concen: 142.057 ug/l
RT: 4.703 min Scan# 473
Delta R.T. -0.006 min
Lab File: VD073913.D
Acq: 01 Aug 2022 14:08

Tgt Ion: 41 Resp: 361148
Ion Ratio Lower Upper
41 100
39 79.4 62.6 94.0
76 43.5 33.9 50.9

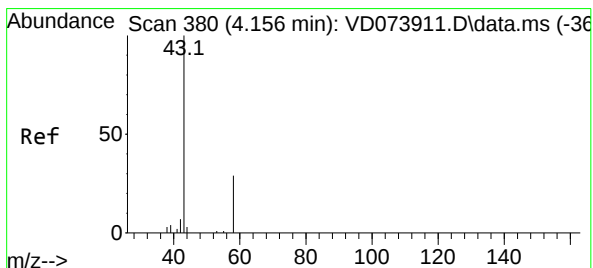
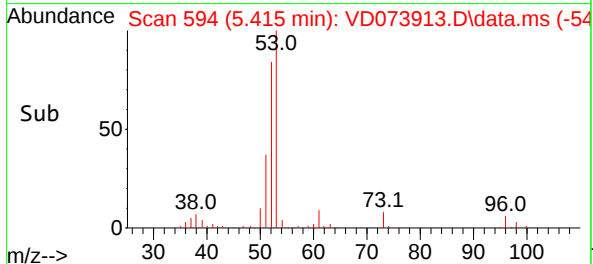
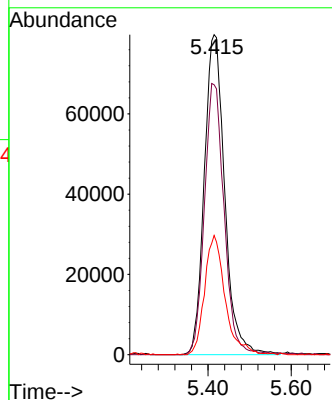
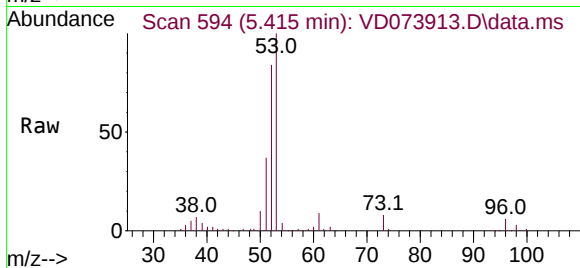




#15
Acrylonitrile
Concen: 704.476 ug/l
RT: 5.415 min Scan# 594
Delta R.T. 0.000 min
Lab File: VD073913.D
Acq: 01 Aug 2022 14:08

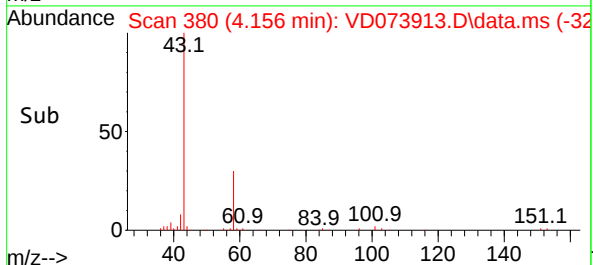
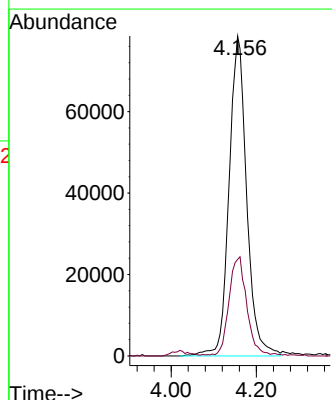
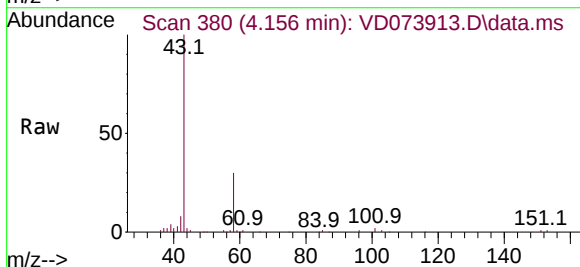
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

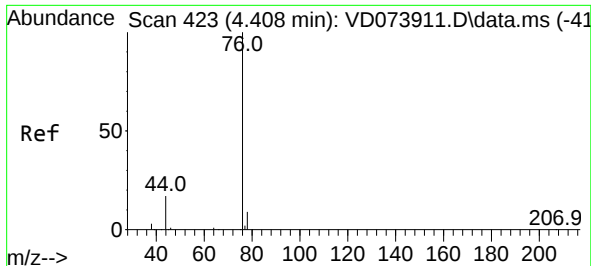
Tgt Ion: 53 Resp: 271732
Ion Ratio Lower Upper
53 100
52 81.9 65.5 98.3
51 37.4 30.4 45.6



#16
Acetone
Concen: 609.634 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.000 min
Lab File: VD073913.D
Acq: 01 Aug 2022 14:08

Tgt Ion: 43 Resp: 225422
Ion Ratio Lower Upper
43 100
58 29.8 23.0 34.6

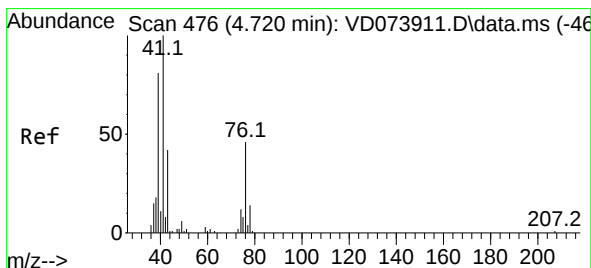
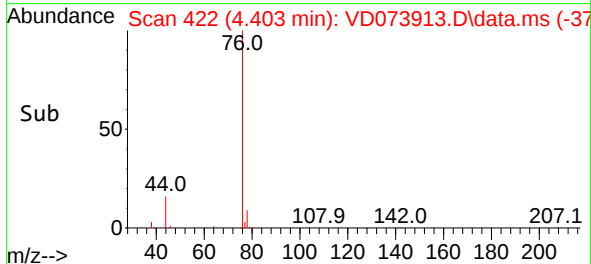
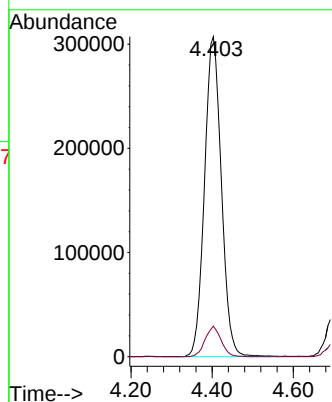
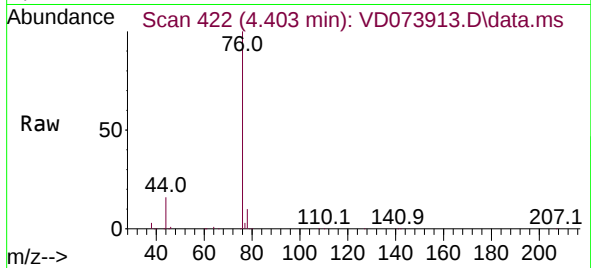




#17
Carbon Disulfide
Concen: 161.459 ug/l
RT: 4.403 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD073913.D
Acq: 01 Aug 2022 14:08

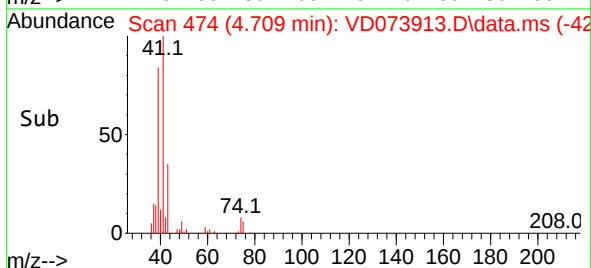
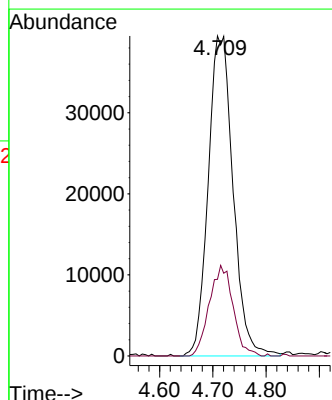
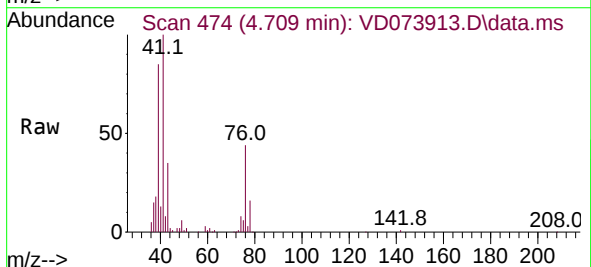
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

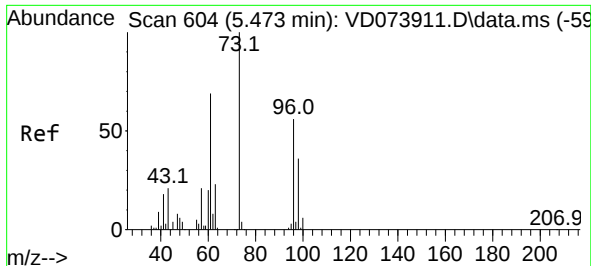
Tgt Ion: 76 Resp: 884043
Ion Ratio Lower Upper
76 100
78 9.5 7.3 10.9



#18
Methyl Acetate
Concen: 115.933 ug/l
RT: 4.709 min Scan# 474
Delta R.T. -0.012 min
Lab File: VD073913.D
Acq: 01 Aug 2022 14:08

Tgt Ion: 43 Resp: 128243
Ion Ratio Lower Upper
43 100
74 26.9 21.2 31.8

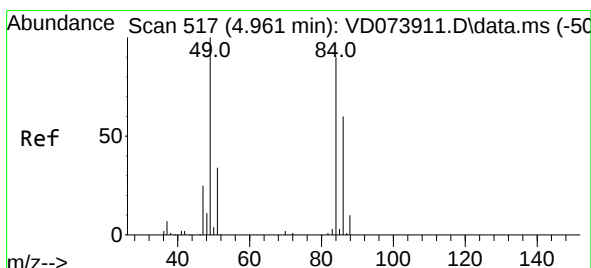
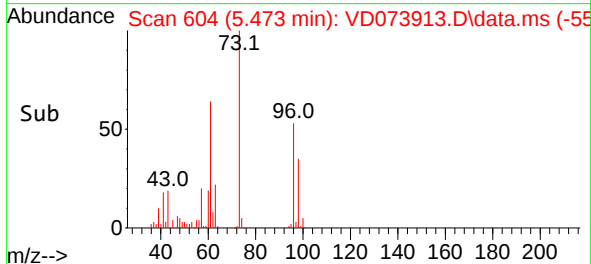
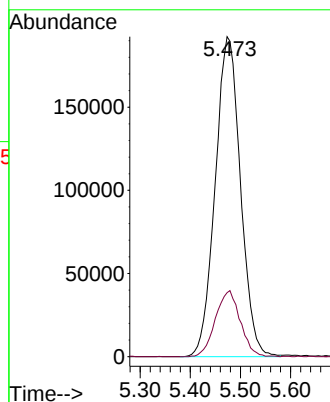
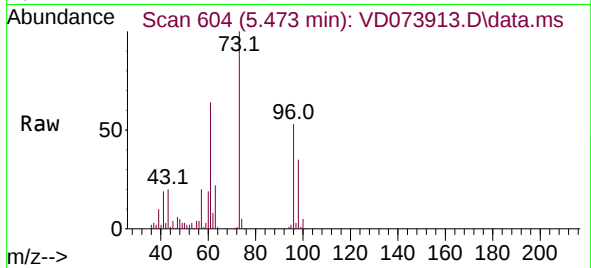




#19
Methyl tert-butyl Ether
Concen: 148.048 ug/l
RT: 5.473 min Scan# 604
Delta R.T. 0.000 min
Lab File: VD073913.D
Acq: 01 Aug 2022 14:08

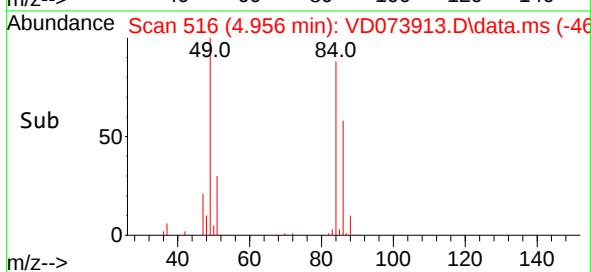
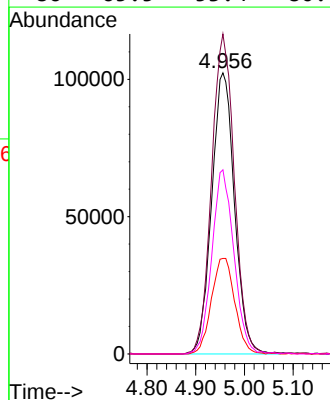
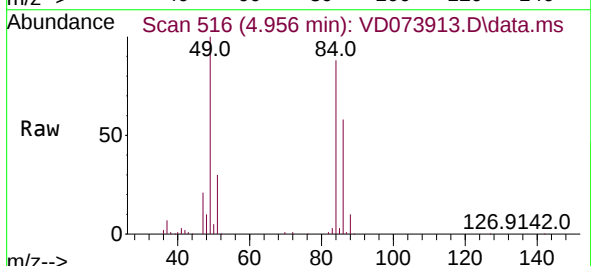
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

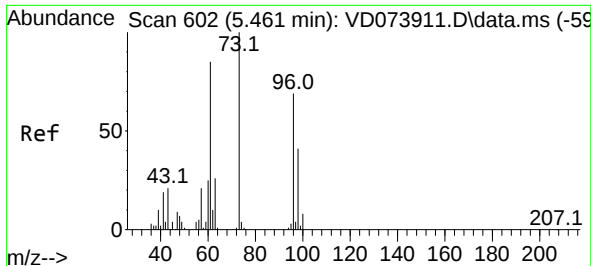
Tgt Ion: 73 Resp: 673958
Ion Ratio Lower Upper
73 100
57 20.0 17.0 25.4



#20
Methylene Chloride
Concen: 86.287 ug/l
RT: 4.956 min Scan# 516
Delta R.T. -0.006 min
Lab File: VD073913.D
Acq: 01 Aug 2022 14:08

Tgt Ion: 84 Resp: 333551
Ion Ratio Lower Upper
84 100
49 113.8 89.1 133.7
51 34.0 29.8 44.8
86 65.5 53.4 80.0

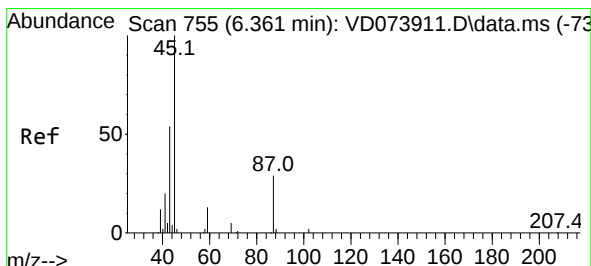
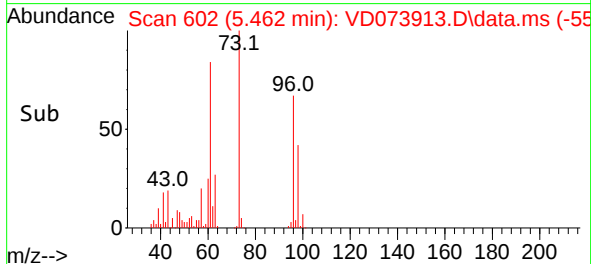
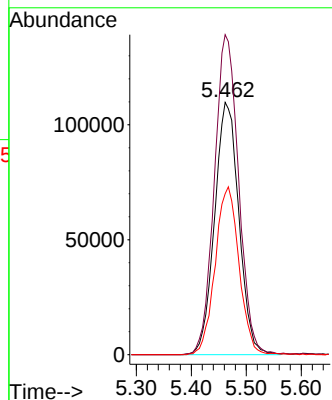
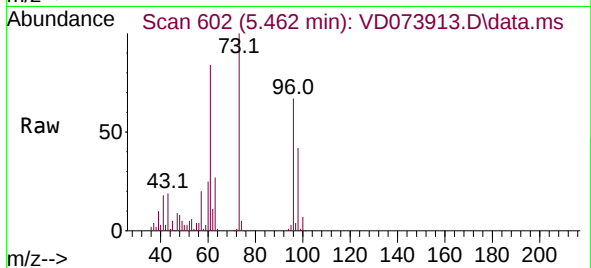




#21
trans-1,2-Dichloroethene
Concen: 150.342 ug/l
RT: 5.462 min Scan# 602
Delta R.T. 0.000 min
Lab File: VD073913.D
Acq: 01 Aug 2022 14:08

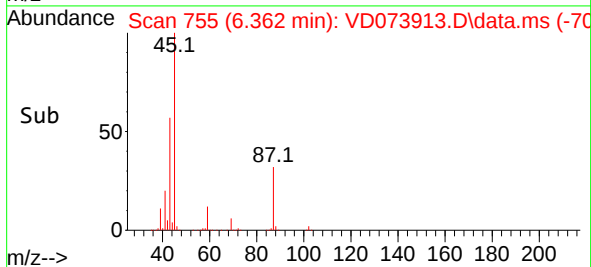
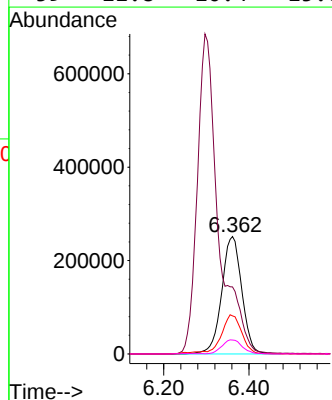
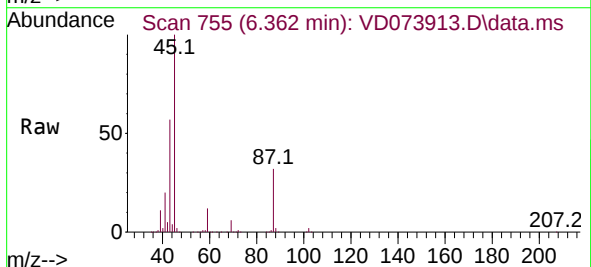
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

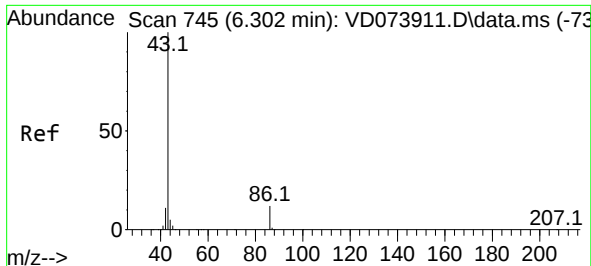
Tgt Ion: 96 Resp: 336892
Ion Ratio Lower Upper
96 100
61 126.8 98.7 148.1
98 63.8 47.3 70.9



#22
Diisopropyl ether
Concen: 149.445 ug/l
RT: 6.362 min Scan# 755
Delta R.T. 0.000 min
Lab File: VD073913.D
Acq: 01 Aug 2022 14:08

Tgt Ion: 45 Resp: 824889
Ion Ratio Lower Upper
45 100
43 56.2 46.2 69.4
87 32.3 24.0 36.0
59 11.8 10.4 15.6

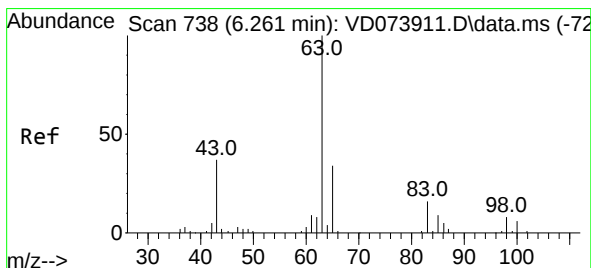
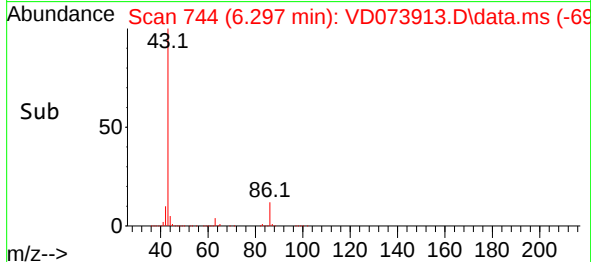
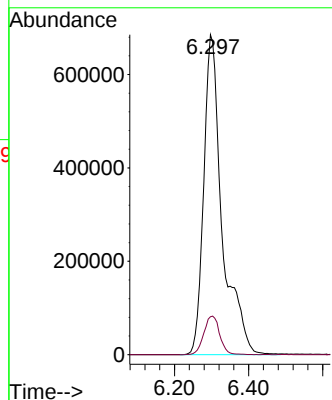
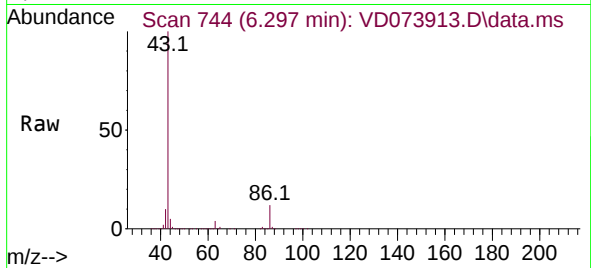




#23
 Vinyl Acetate
 Concen: 812.633 ug/l
 RT: 6.297 min Scan# 744
 Delta R.T. -0.006 min
 Lab File: VD073913.D
 Acq: 01 Aug 2022 14:08

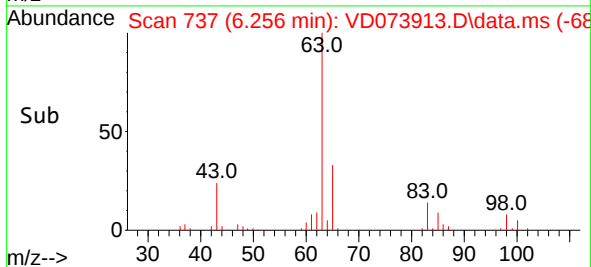
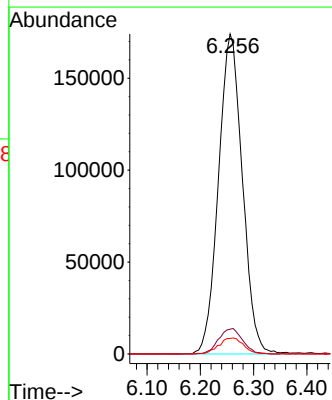
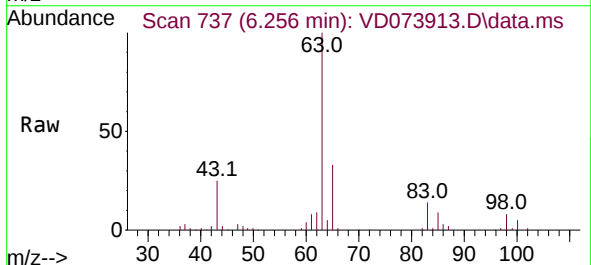
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

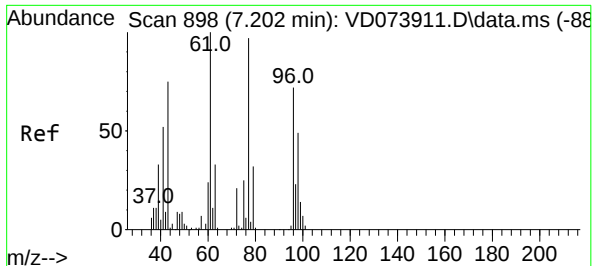
Tgt Ion: 43 Resp: 2367246
 Ion Ratio Lower Upper
 43 100
 86 11.8 9.7 14.5



#24
 1,1-Dichloroethane
 Concen: 145.254 ug/l
 RT: 6.256 min Scan# 737
 Delta R.T. -0.006 min
 Lab File: VD073913.D
 Acq: 01 Aug 2022 14:08

Tgt Ion: 63 Resp: 542333
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.9 11.5
 100 4.8 2.8 8.4





#25

2-Butanone

Concen: 660.458 ug/l

RT: 7.203 min Scan# 898

Delta R.T. 0.000 min

Lab File: VD073913.D

Acq: 01 Aug 2022 14:08

Instrument :

MSVOA_D

ClientSampleId :

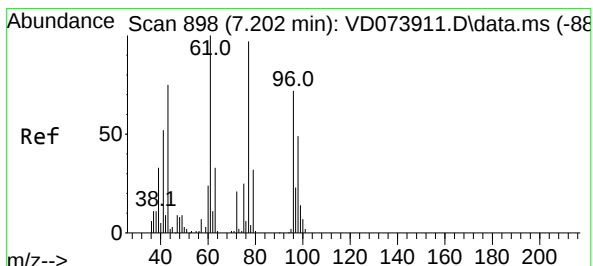
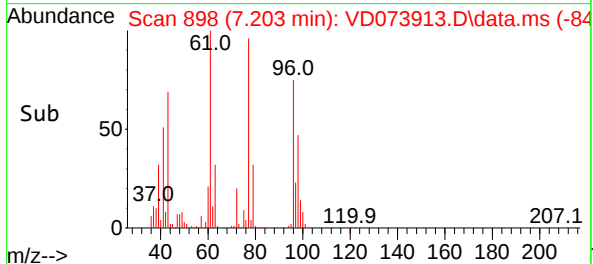
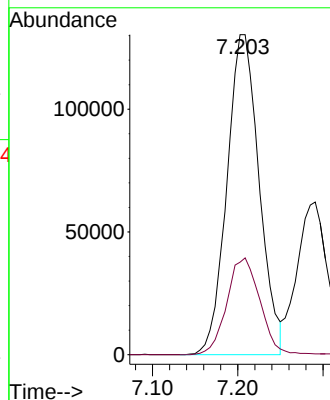
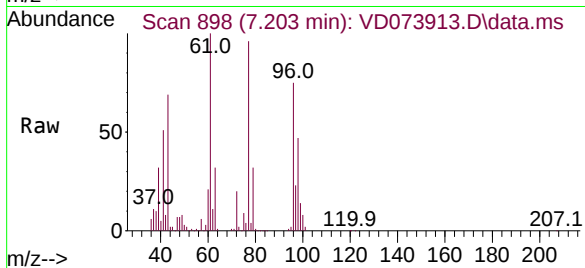
VSTDIC150

Tgt Ion: 43 Resp: 343524

Ion Ratio Lower Upper

43 100

72 28.9 22.7 34.1



#26

2,2-Dichloropropane

Concen: 142.184 ug/l

RT: 7.203 min Scan# 898

Delta R.T. 0.000 min

Lab File: VD073913.D

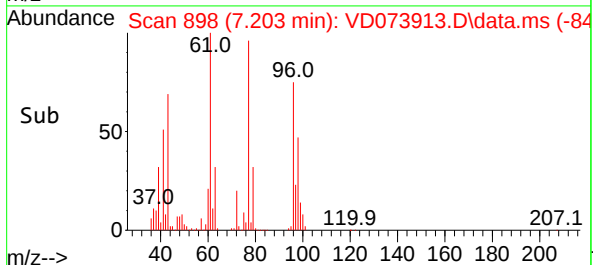
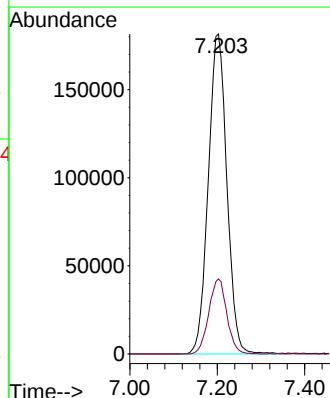
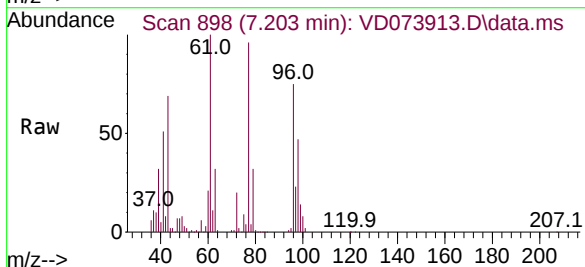
Acq: 01 Aug 2022 14:08

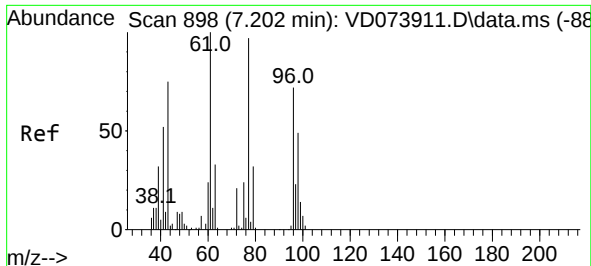
Tgt Ion: 77 Resp: 536781

Ion Ratio Lower Upper

77 100

97 22.7 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 146.867 ug/l

RT: 7.203 min Scan# 898

Delta R.T. 0.000 min

Lab File: VD073913.D

Acq: 01 Aug 2022 14:08

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

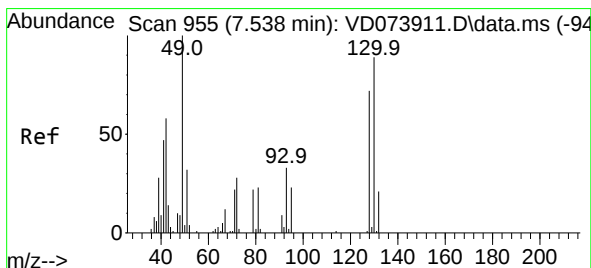
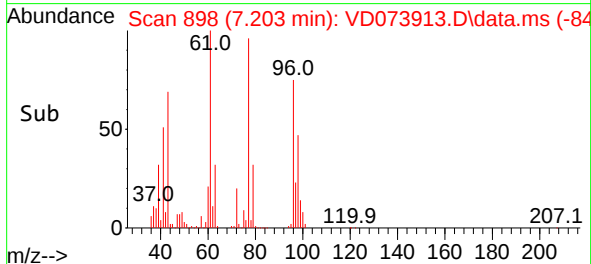
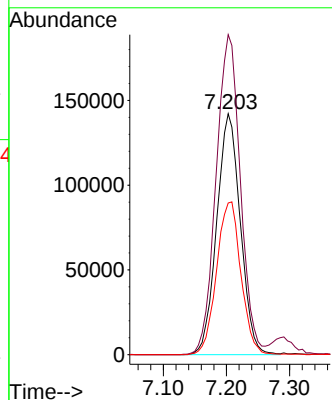
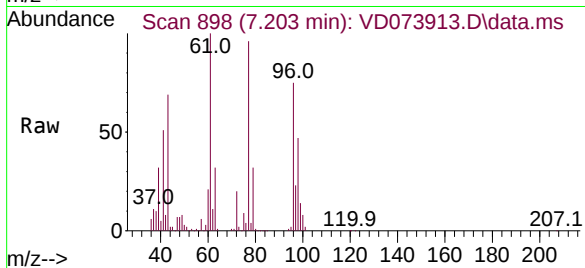
Tgt Ion: 96 Resp: 370508

Ion Ratio Lower Upper

96 100

61 136.6 0.0 272.0

98 65.4 0.0 129.2



#28

Bromochloromethane

Concen: 144.165 ug/l

RT: 7.538 min Scan# 955

Delta R.T. 0.000 min

Lab File: VD073913.D

Acq: 01 Aug 2022 14:08

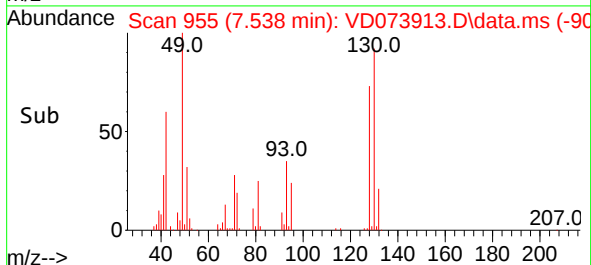
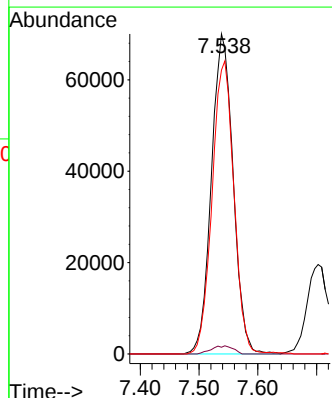
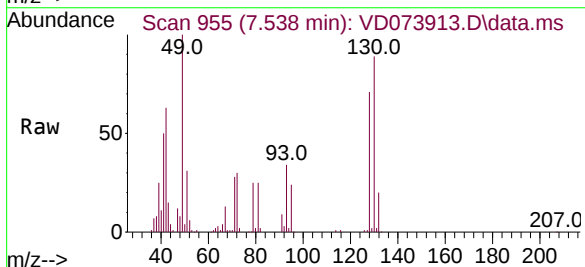
Tgt Ion: 49 Resp: 179624

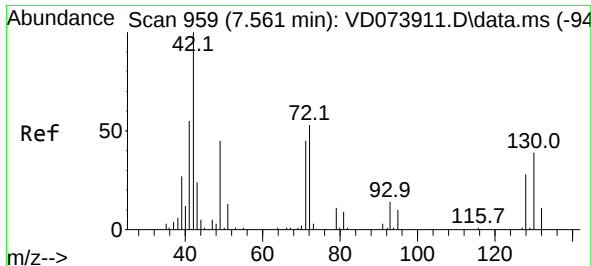
Ion Ratio Lower Upper

49 100

129 2.5 0.0 5.4

130 91.6 72.0 108.0





#29

Tetrahydrofuran

Concen: 724.548 ug/l

RT: 7.556 min Scan# 91

Delta R.T. -0.006 min

Lab File: VD073913.D

Acq: 01 Aug 2022 14:08

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

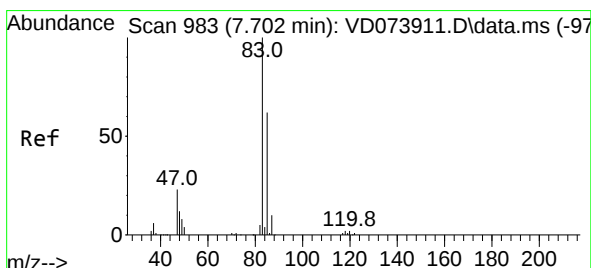
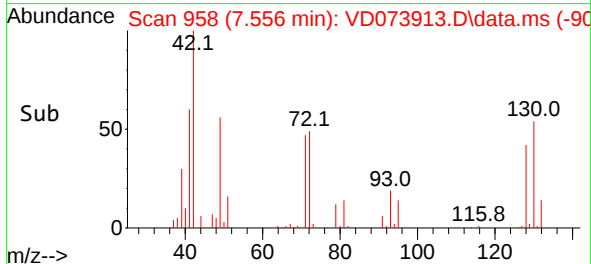
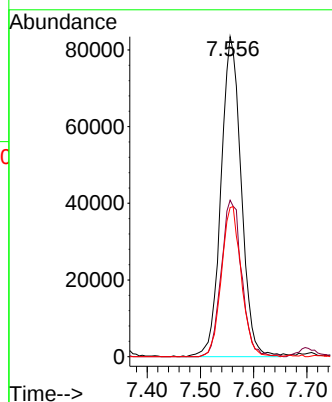
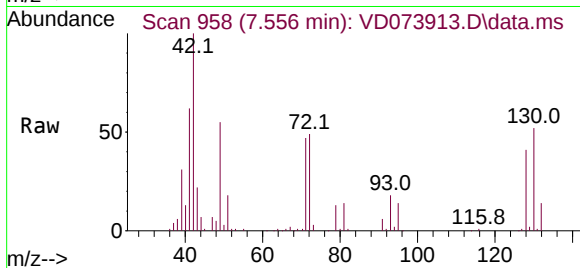
Tgt Ion: 42 Resp: 220198

Ion Ratio Lower Upper

42 100

72 49.2 39.0 58.4

71 46.1 35.7 53.5



#30

Chloroform

Concen: 142.146 ug/l

RT: 7.703 min Scan# 983

Delta R.T. 0.000 min

Lab File: VD073913.D

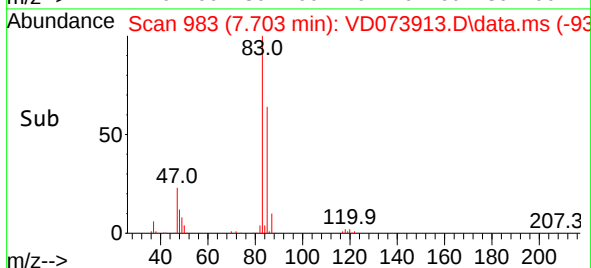
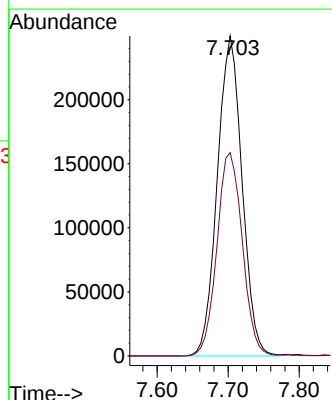
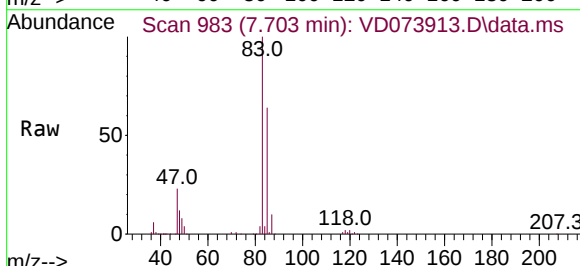
Acq: 01 Aug 2022 14:08

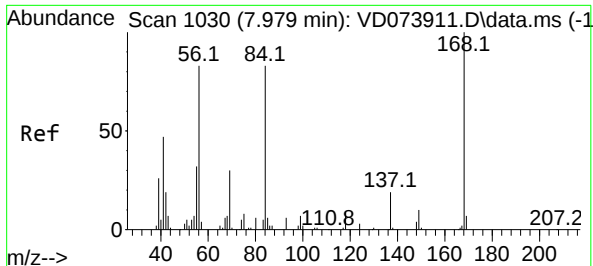
Tgt Ion: 83 Resp: 604748

Ion Ratio Lower Upper

83 100

85 63.5 49.8 74.8

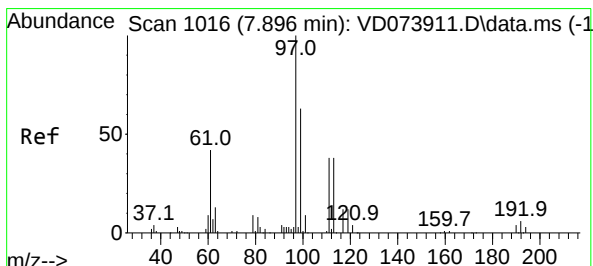
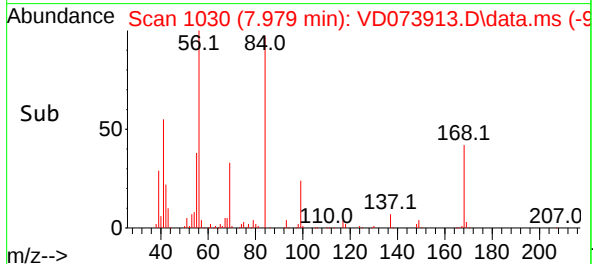
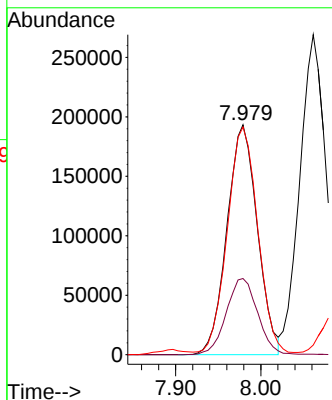
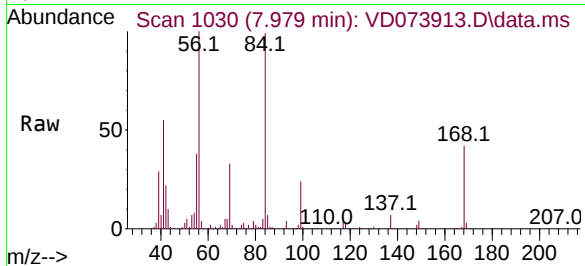




#31
Cyclohexane
Concen: 145.477 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD073913.D
Acq: 01 Aug 2022 14:08

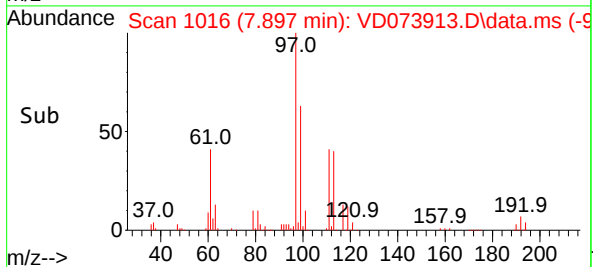
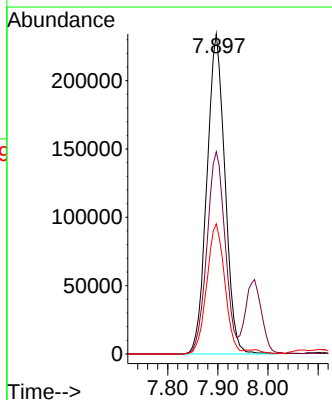
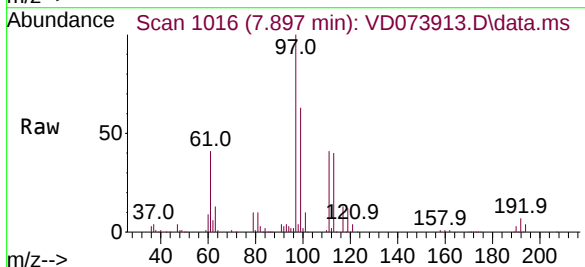
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

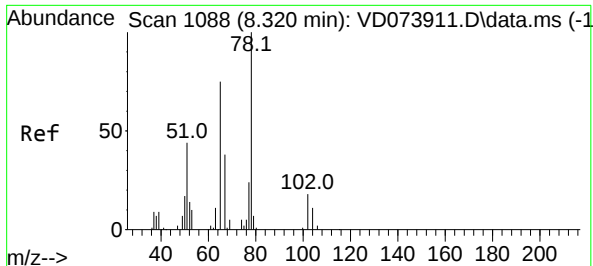
Tgt Ion: 56 Resp: 480085
Ion Ratio Lower Upper
56 100
69 33.1 29.2 43.8
84 97.4 80.0 120.0



#32
1,1,1-Trichloroethane
Concen: 144.651 ug/l
RT: 7.897 min Scan# 1016
Delta R.T. 0.000 min
Lab File: VD073913.D
Acq: 01 Aug 2022 14:08

Tgt Ion: 97 Resp: 585970
Ion Ratio Lower Upper
97 100
99 63.6 52.0 78.0
61 40.5 33.4 50.0





#33

1,2-Dichloroethane-d4

Concen: 123.323 ug/l

RT: 8.326 min Scan# 1108

Delta R.T. 0.006 min

Lab File: VD073913.D

Acq: 01 Aug 2022 14:08

Instrument :

MSVOA_D

ClientSampleId :

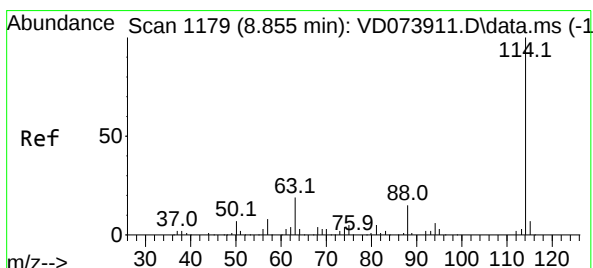
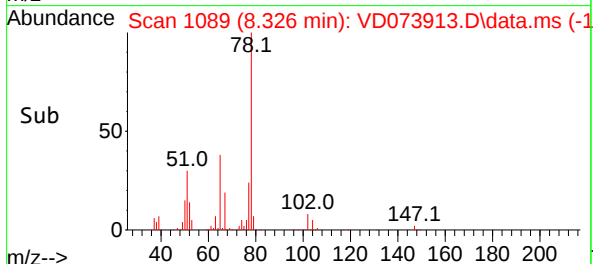
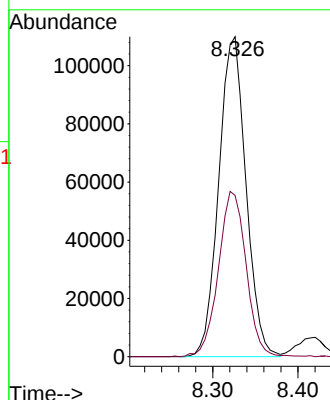
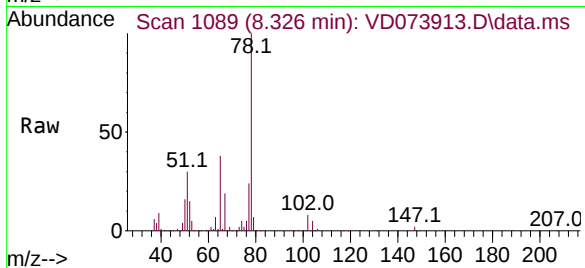
VSTDIC150

Tgt Ion: 65 Resp: 243983

Ion Ratio Lower Upper

65 100

67 52.7 0.0 102.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.856 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VD073913.D

Acq: 01 Aug 2022 14:08

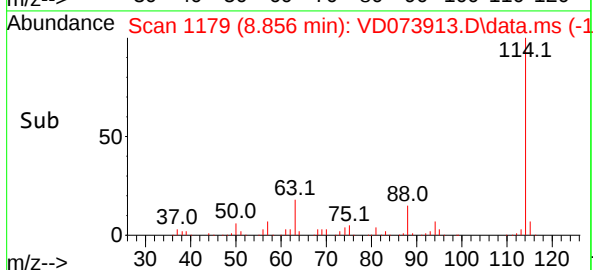
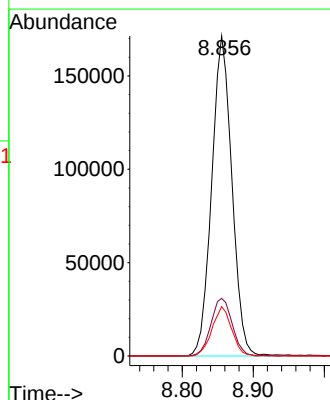
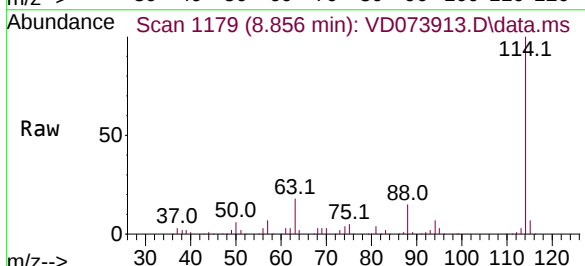
Tgt Ion: 114 Resp: 337910

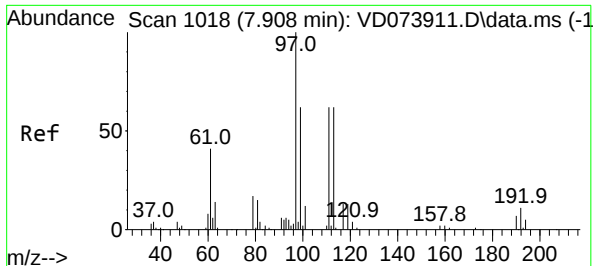
Ion Ratio Lower Upper

114 100

63 18.0 0.0 37.6

88 15.4 0.0 30.2





#35

Dibromofluoromethane

Concen: 132.453 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. 0.000 min

Lab File: VD073913.D

Acq: 01 Aug 2022 14:08

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

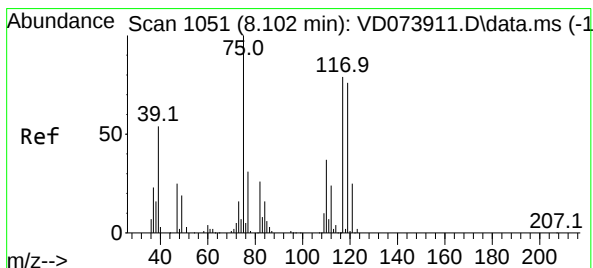
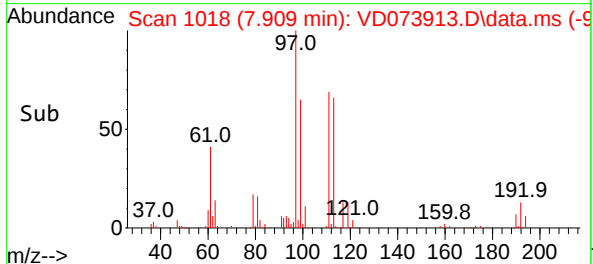
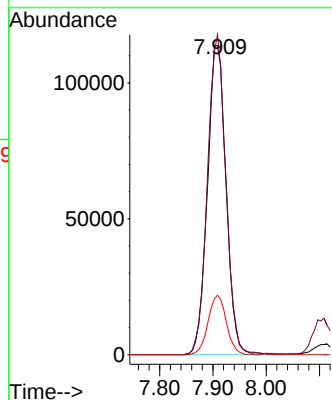
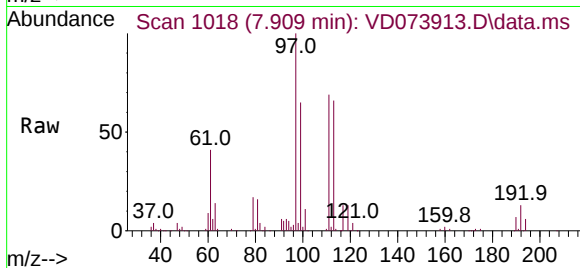
Tgt Ion:113 Resp: 278083

Ion Ratio Lower Upper

113 100

111 101.3 83.7 125.5

192 18.7 15.0 22.6



#36

1,1-Dichloropropene

Concen: 154.474 ug/l

RT: 8.103 min Scan# 1051

Delta R.T. 0.000 min

Lab File: VD073913.D

Acq: 01 Aug 2022 14:08

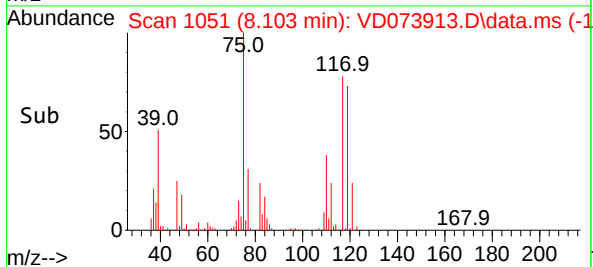
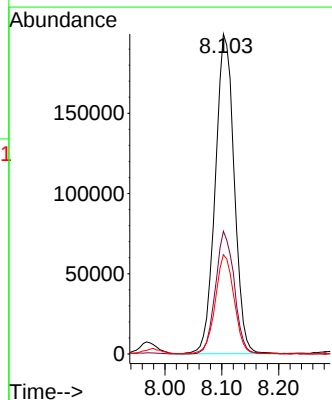
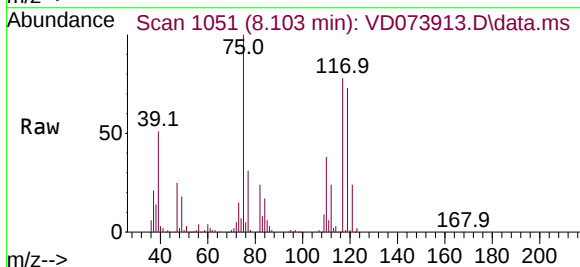
Tgt Ion: 75 Resp: 461912

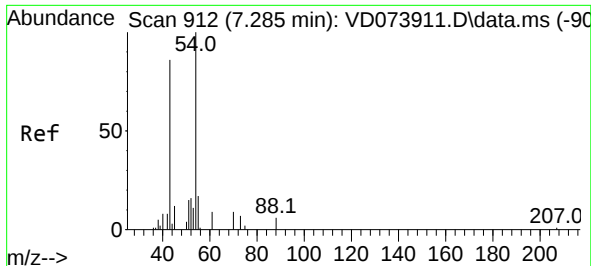
Ion Ratio Lower Upper

75 100

110 38.0 18.1 54.1

77 31.0 24.7 37.1

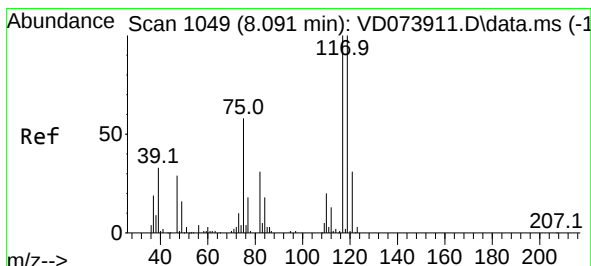
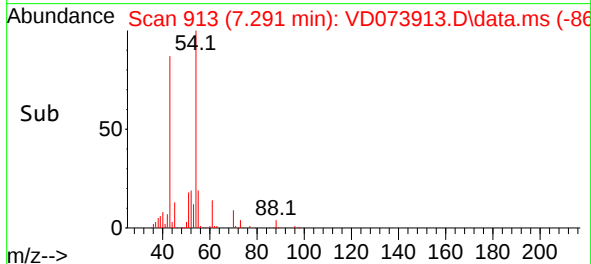
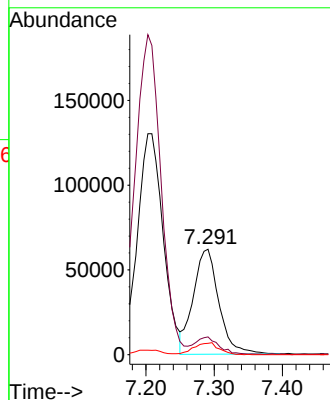
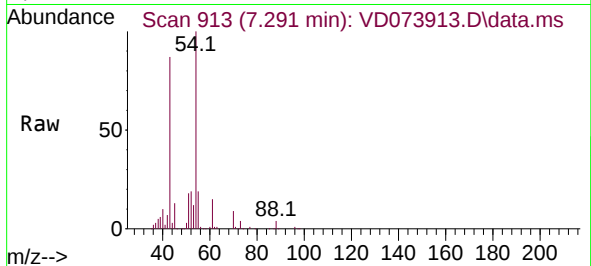




#37
Ethyl Acetate
Concen: 144.733 ug/l
RT: 7.291 min Scan# 912
Delta R.T. 0.006 min
Lab File: VD073913.D
Acq: 01 Aug 2022 14:08

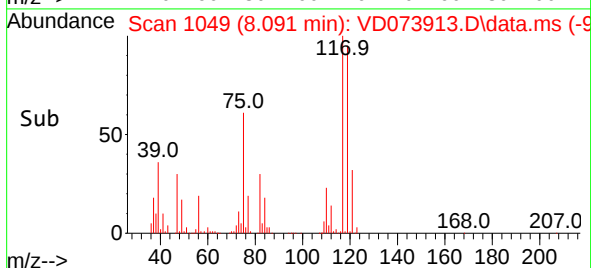
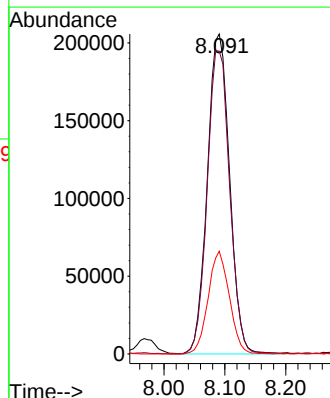
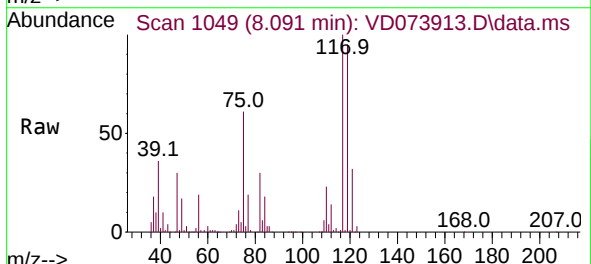
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

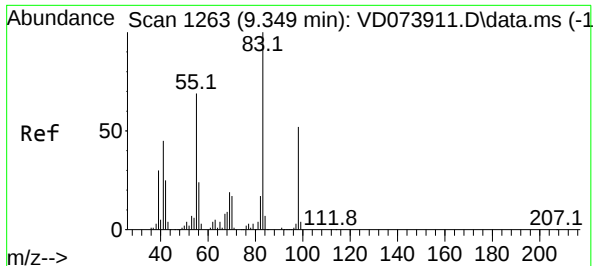
Tgt Ion: 43 Resp: 161180
Ion Ratio Lower Upper
43 100
61 15.5 12.7 19.1
70 11.4 9.4 14.0



#38
Carbon Tetrachloride
Concen: 156.206 ug/l
RT: 8.091 min Scan# 1049
Delta R.T. 0.000 min
Lab File: VD073913.D
Acq: 01 Aug 2022 14:08

Tgt Ion: 117 Resp: 523246
Ion Ratio Lower Upper
117 100
119 94.6 79.6 119.4
121 32.1 24.4 36.6





#39

Methylcyclohexane

Concen: 164.142 ug/l

RT: 9.350 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD073913.D

Acq: 01 Aug 2022 14:08

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

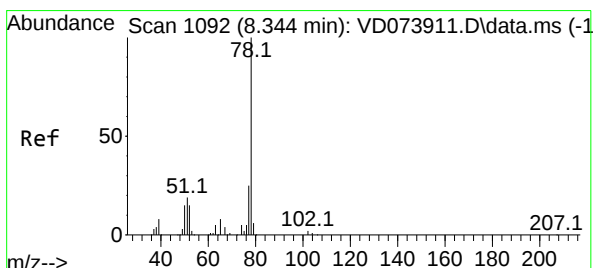
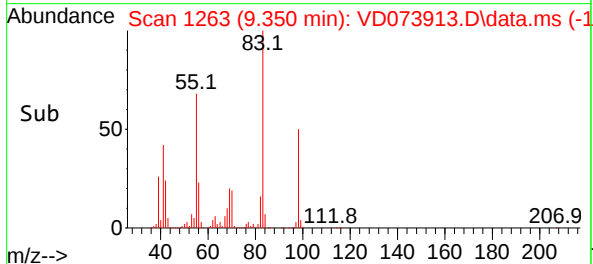
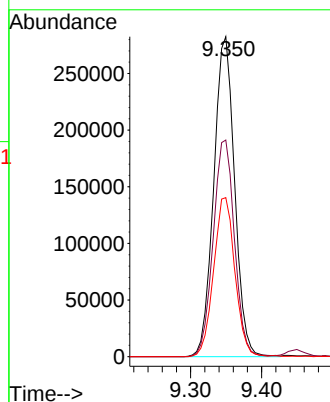
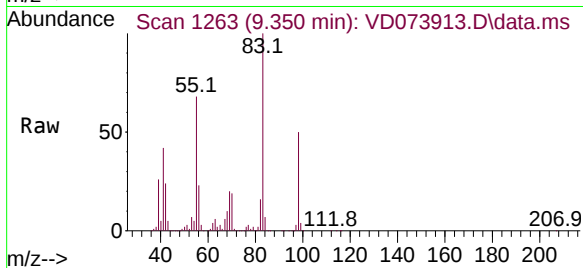
Tgt Ion: 83 Resp: 575311

Ion Ratio Lower Upper

83 100

55 67.7 55.6 83.4

98 49.7 41.6 62.4



#40

Benzene

Concen: 155.548 ug/l

RT: 8.344 min Scan# 1092

Delta R.T. 0.000 min

Lab File: VD073913.D

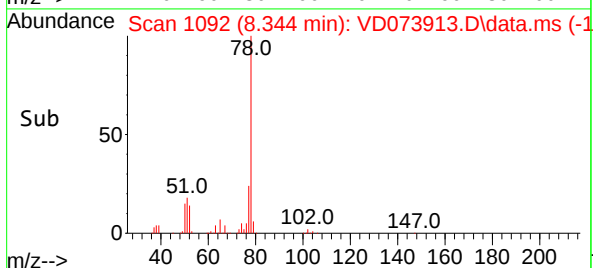
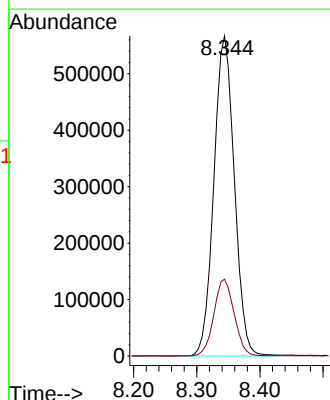
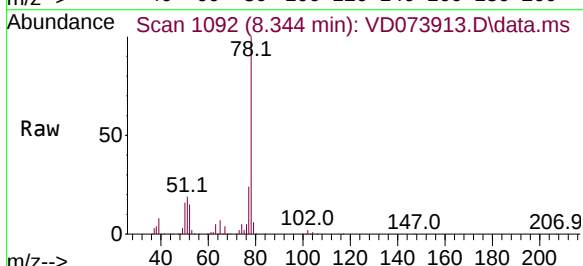
Acq: 01 Aug 2022 14:08

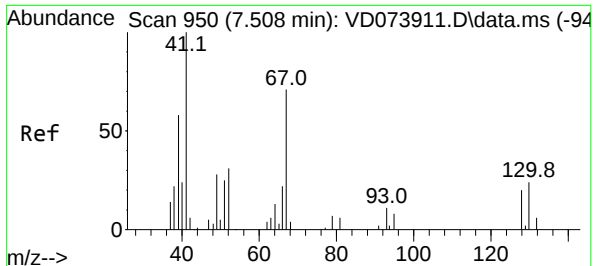
Tgt Ion: 78 Resp: 1276303

Ion Ratio Lower Upper

78 100

77 24.0 19.8 29.6

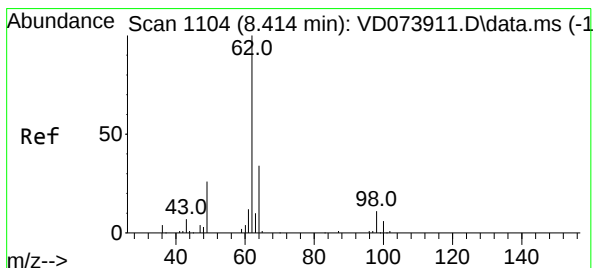
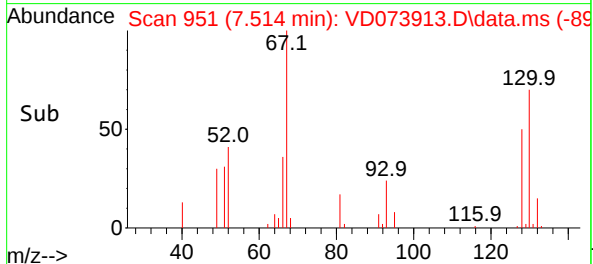
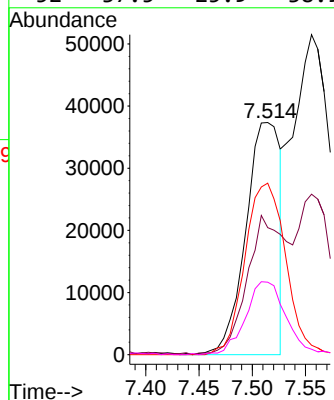
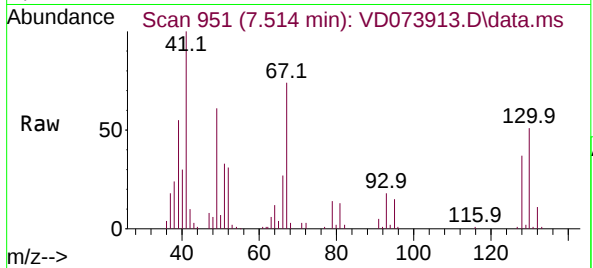




#41
Methacrylonitrile
Concen: 130.501 ug/l
RT: 7.514 min Scan# 911
Delta R.T. 0.006 min
Lab File: VD073913.D
Acq: 01 Aug 2022 14:08

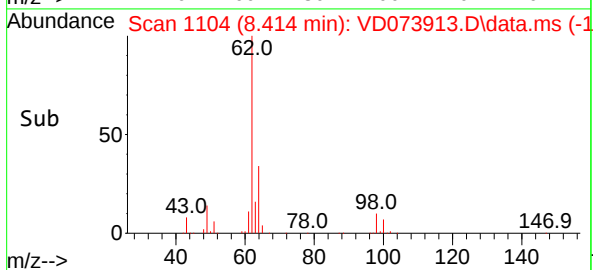
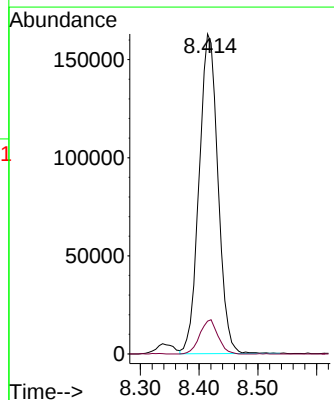
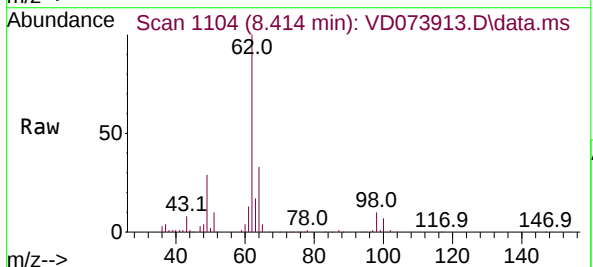
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

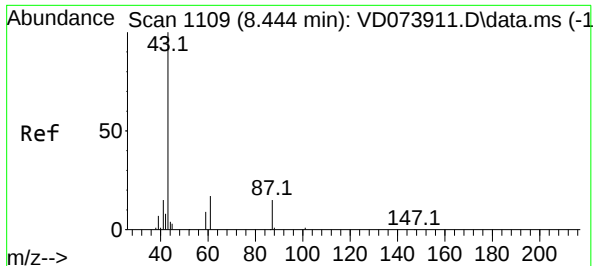
Tgt Ion: 41 Resp: 83895
Ion Ratio Lower Upper
41 100
39 71.1 46.6 69.8#
67 88.2 61.0 91.4
52 37.5 25.9 38.9



#42
1,2-Dichloroethane
Concen: 144.094 ug/l
RT: 8.414 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VD073913.D
Acq: 01 Aug 2022 14:08

Tgt Ion: 62 Resp: 362884
Ion Ratio Lower Upper
62 100
98 10.3 0.0 19.8





#43

Isopropyl Acetate

Concen: 148.069 ug/l

RT: 8.444 min Scan# 1109

Delta R.T. 0.000 min

Lab File: VD073913.D

Acq: 01 Aug 2022 14:08

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

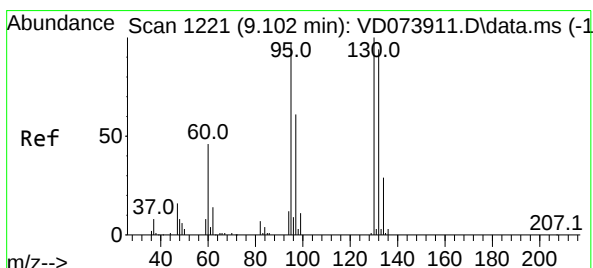
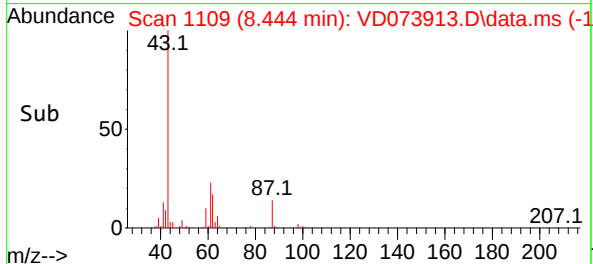
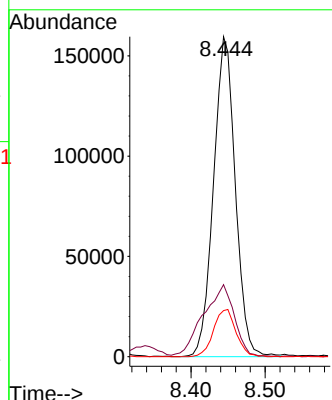
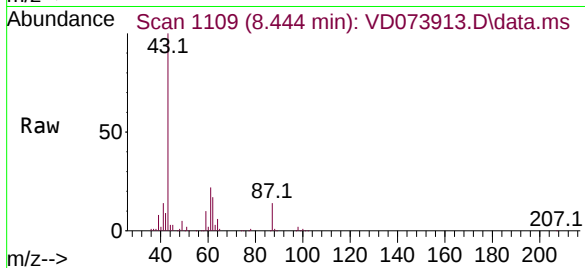
Tgt Ion: 43 Resp: 326530

Ion Ratio Lower Upper

43 100

61 32.1 24.6 37.0

87 15.2 12.2 18.2



#44

Trichloroethene

Concen: 152.337 ug/l

RT: 9.103 min Scan# 1221

Delta R.T. 0.000 min

Lab File: VD073913.D

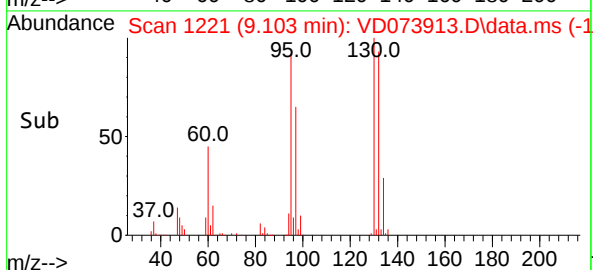
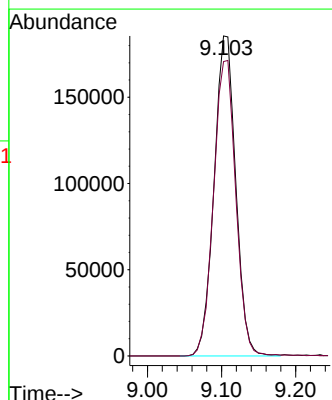
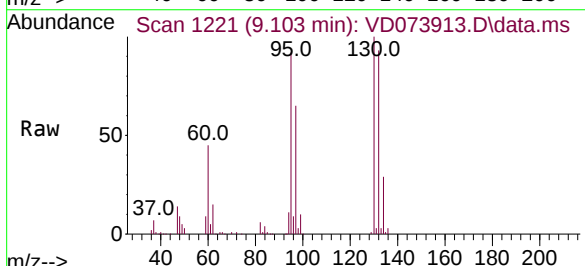
Acq: 01 Aug 2022 14:08

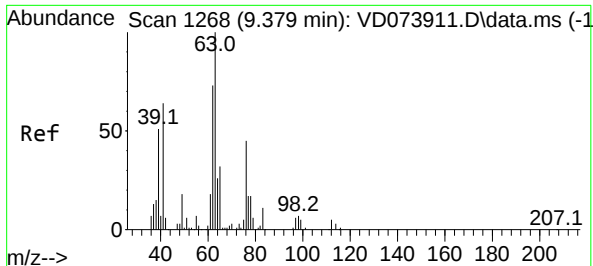
Tgt Ion:130 Resp: 376556

Ion Ratio Lower Upper

130 100

95 92.0 0.0 194.2





#45

1,2-Dichloropropane

Concen: 150.214 ug/l

RT: 9.379 min Scan# 1268

Delta R.T. 0.000 min

Lab File: VD073913.D

Acq: 01 Aug 2022 14:08

Instrument :

MSVOA_D

ClientSampleId :

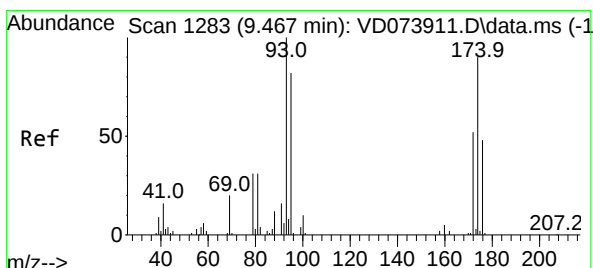
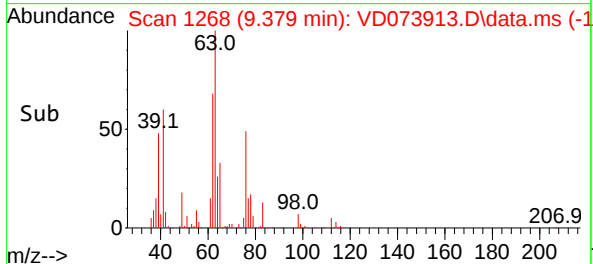
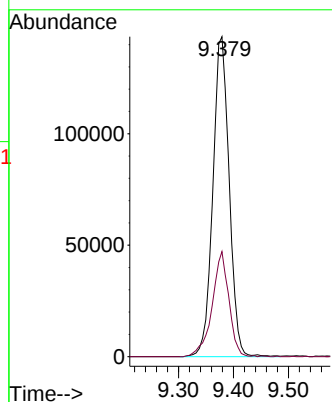
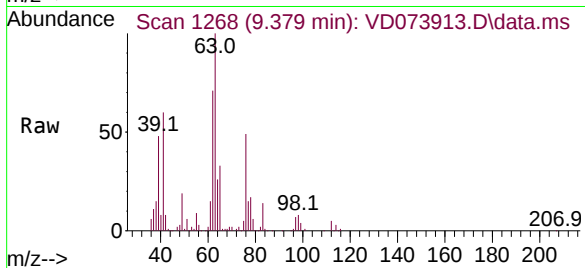
VSTDIC150

Tgt Ion: 63 Resp: 296579

Ion Ratio Lower Upper

63 100

65 32.9 26.0 39.0



#46

Dibromomethane

Concen: 147.481 ug/l

RT: 9.467 min Scan# 1283

Delta R.T. 0.000 min

Lab File: VD073913.D

Acq: 01 Aug 2022 14:08

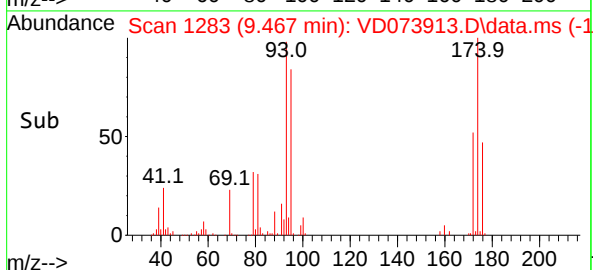
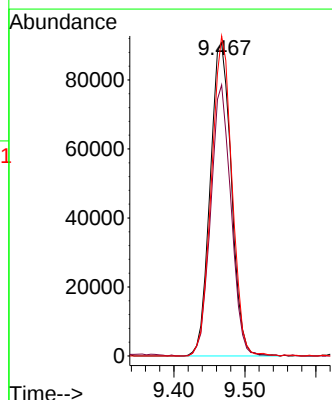
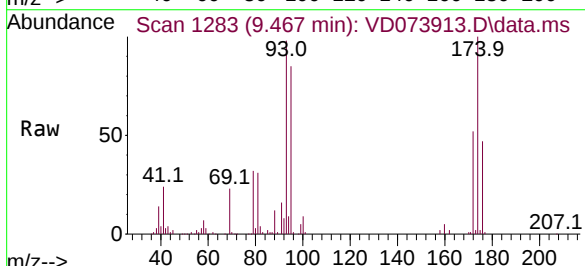
Tgt Ion: 93 Resp: 187284

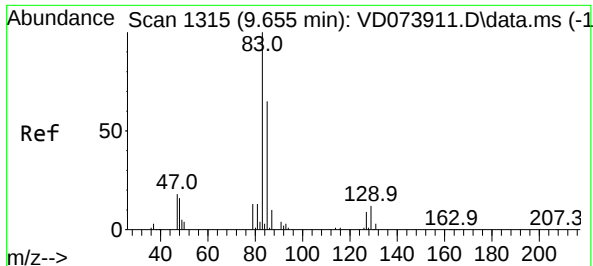
Ion Ratio Lower Upper

93 100

95 83.2 66.2 99.2

174 99.1 76.4 114.6





#47

Bromodichloromethane

Concen: 148.213 ug/l

RT: 9.650 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD073913.D

Acq: 01 Aug 2022 14:08

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

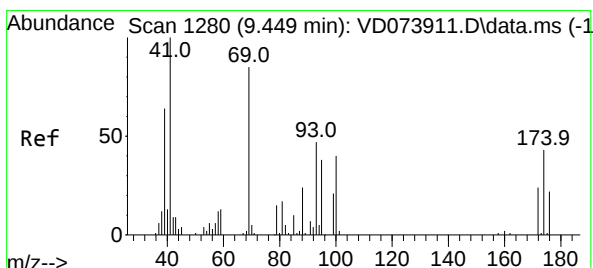
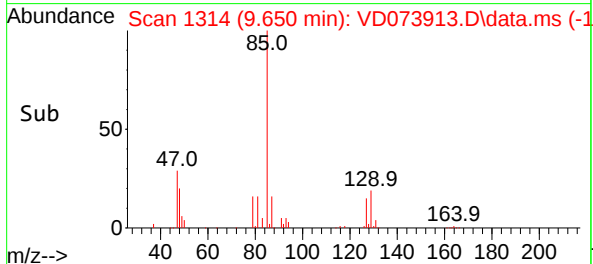
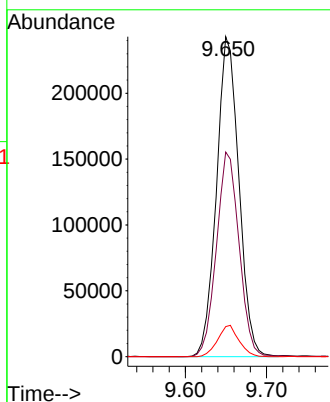
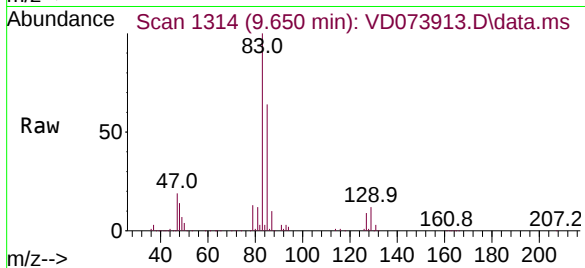
Tgt Ion: 83 Resp: 466220

Ion Ratio Lower Upper

83 100

85 64.0 51.7 77.5

127 9.4 7.0 10.6



#48

Methyl methacrylate

Concen: 148.462 ug/l

RT: 9.450 min Scan# 1280

Delta R.T. 0.000 min

Lab File: VD073913.D

Acq: 01 Aug 2022 14:08

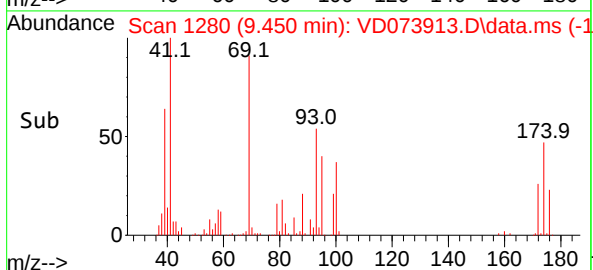
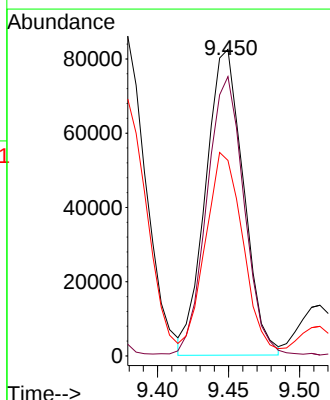
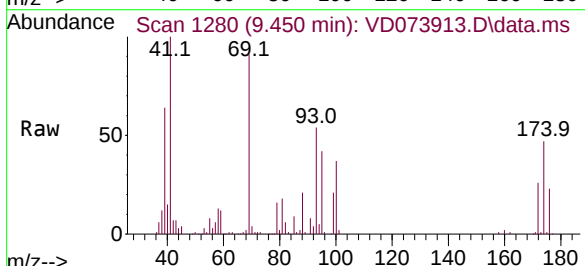
Tgt Ion: 41 Resp: 152785

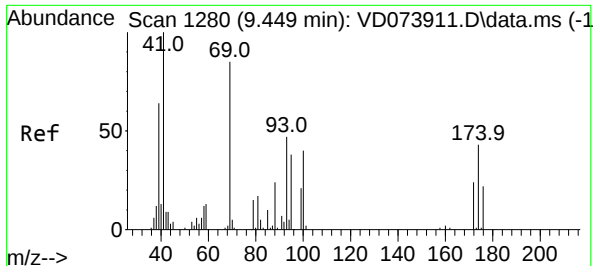
Ion Ratio Lower Upper

41 100

69 90.1 68.3 102.5

39 61.5 48.7 73.1





#49

1,4-Dioxane

Concen: 2794.828 ug/l

RT: 9.455 min Scan# 1281

Delta R.T. 0.006 min

Lab File: VD073913.D

Acq: 01 Aug 2022 14:08

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

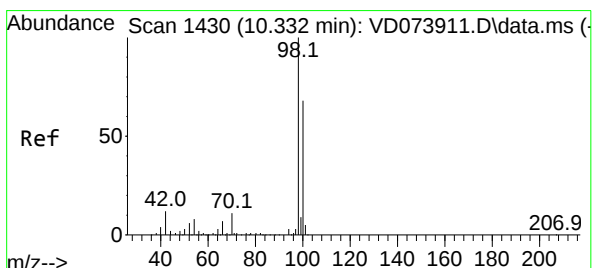
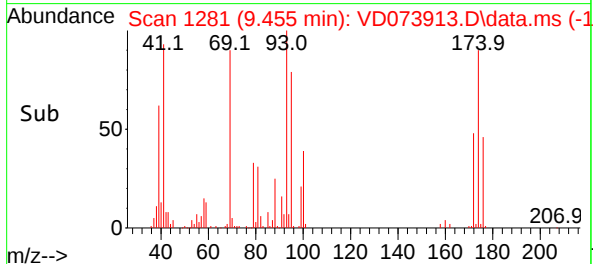
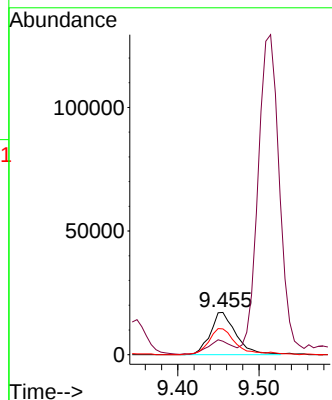
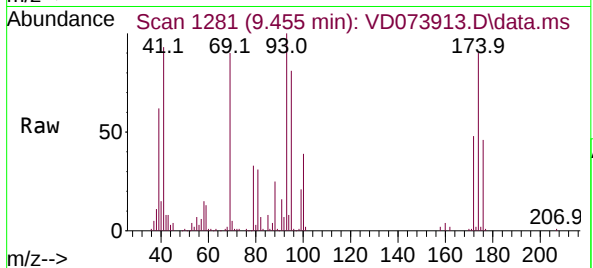
Tgt Ion: 88 Resp: 37405

Ion Ratio Lower Upper

88 100

43 31.1 27.4 41.0

58 66.4 51.9 77.9



#50

Toluene-d8

Concen: 132.451 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VD073913.D

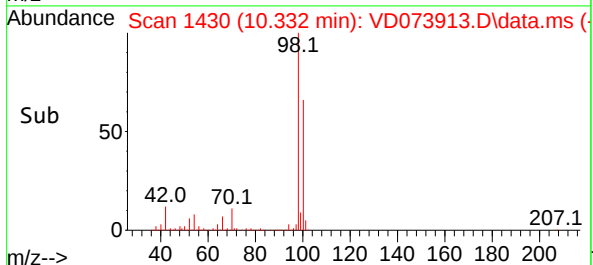
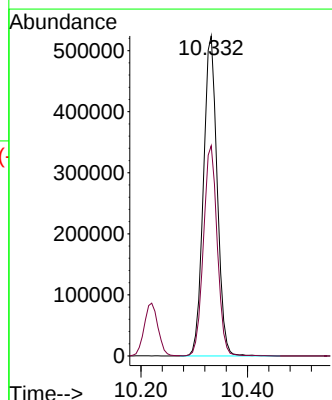
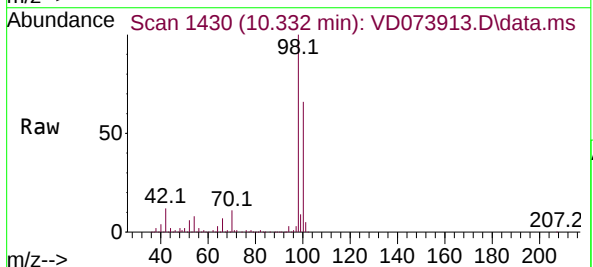
Acq: 01 Aug 2022 14:08

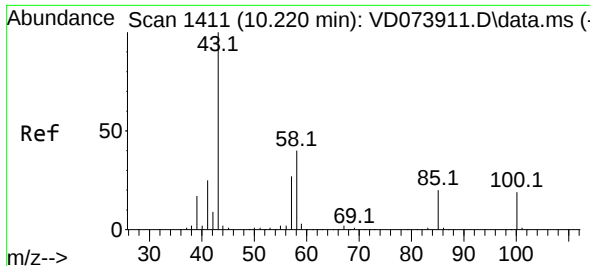
Tgt Ion: 98 Resp: 936700

Ion Ratio Lower Upper

98 100

100 66.2 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 742.556 ug/l

RT: 10.220 min Scan# 1411

Delta R.T. 0.000 min

Lab File: VD073913.D

Acq: 01 Aug 2022 14:08

Instrument :

MSVOA_D

ClientSampleId :

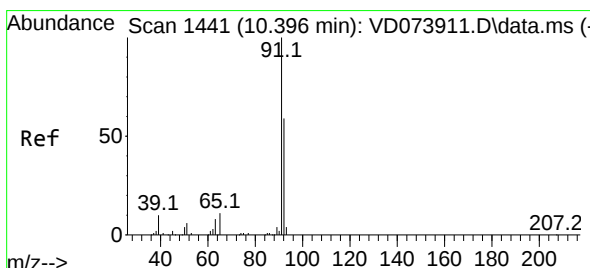
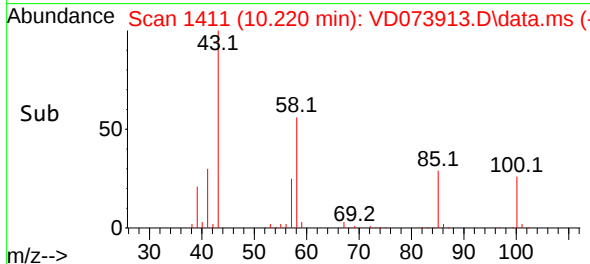
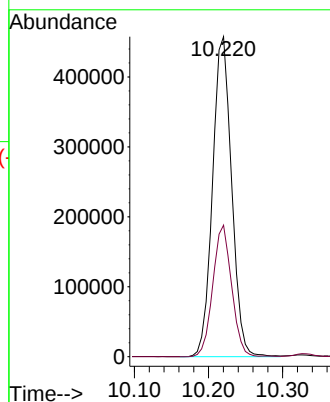
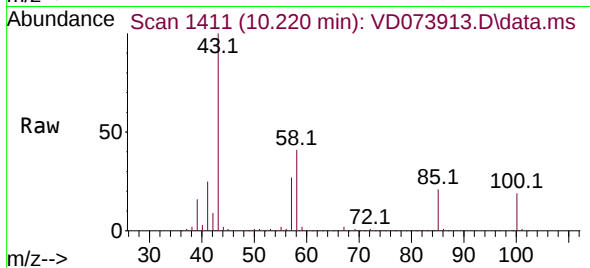
VSTDIC150

Tgt Ion: 43 Resp: 817554

Ion Ratio Lower Upper

43 100

58 40.6 32.1 48.1



#52

Toluene

Concen: 160.746 ug/l

RT: 10.397 min Scan# 1441

Delta R.T. 0.000 min

Lab File: VD073913.D

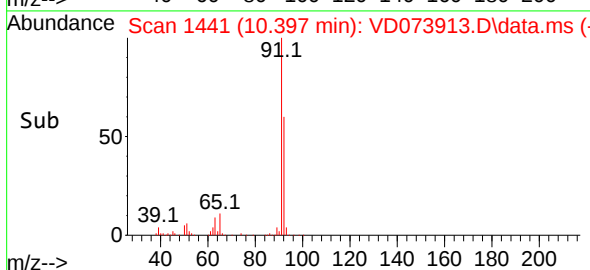
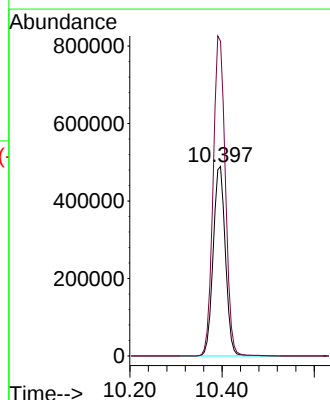
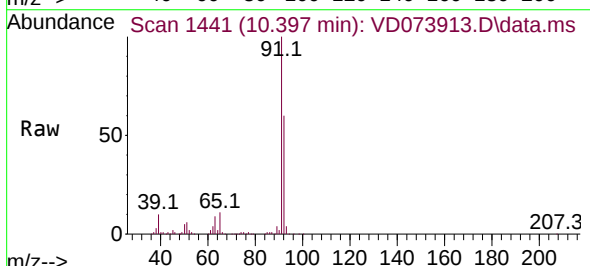
Acq: 01 Aug 2022 14:08

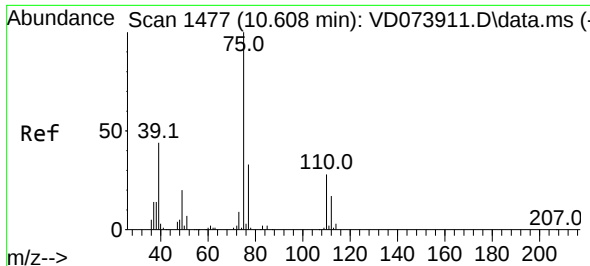
Tgt Ion: 92 Resp: 897488

Ion Ratio Lower Upper

92 100

91 169.5 137.7 206.5

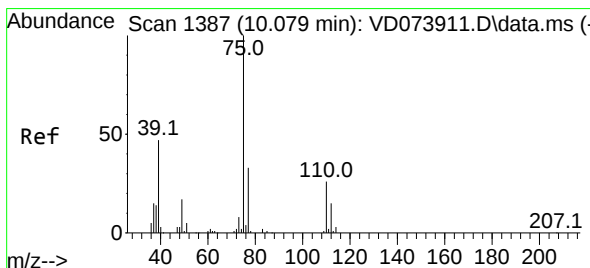
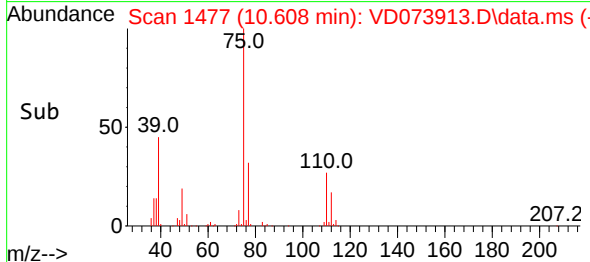
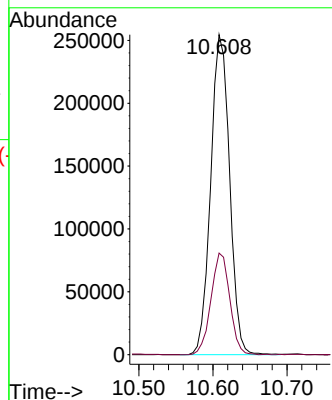
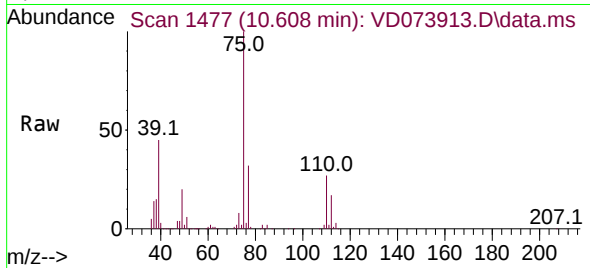




#53
t-1,3-Dichloropropene
Concen: 155.702 ug/l
RT: 10.608 min Scan# 1477
Delta R.T. 0.000 min
Lab File: VD073913.D
Acq: 01 Aug 2022 14:08

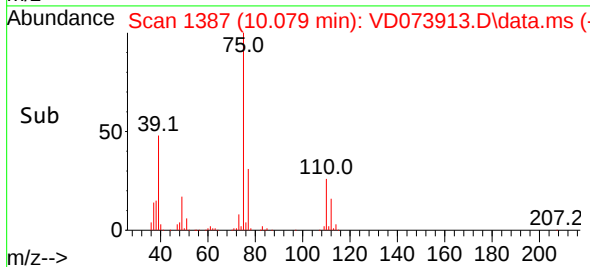
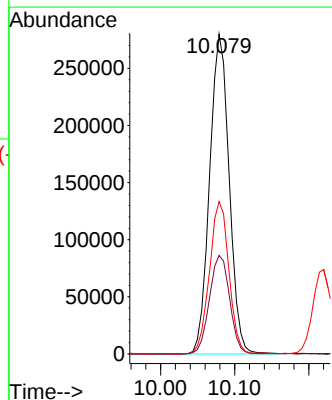
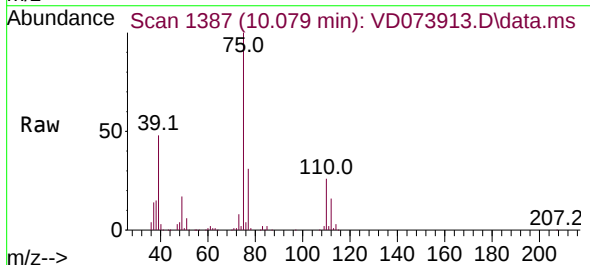
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

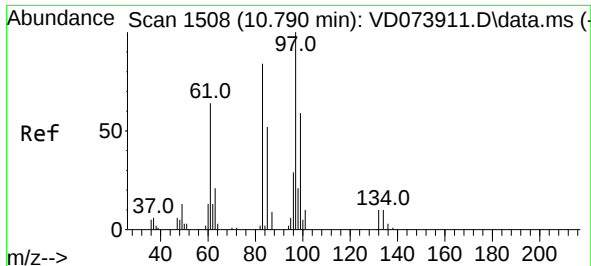
Tgt Ion: 75 Resp: 450859
Ion Ratio Lower Upper
75 100
77 31.7 26.6 39.8



#54
cis-1,3-Dichloropropene
Concen: 156.409 ug/l
RT: 10.079 min Scan# 1387
Delta R.T. 0.000 min
Lab File: VD073913.D
Acq: 01 Aug 2022 14:08

Tgt Ion: 75 Resp: 512749
Ion Ratio Lower Upper
75 100
77 30.8 26.0 39.0
39 47.6 37.8 56.6



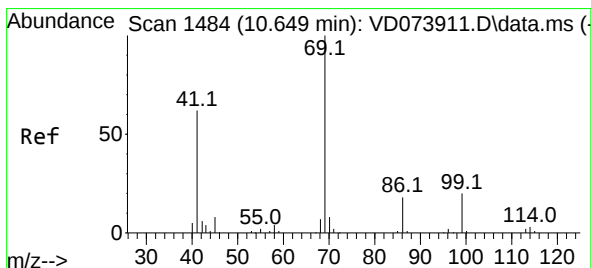
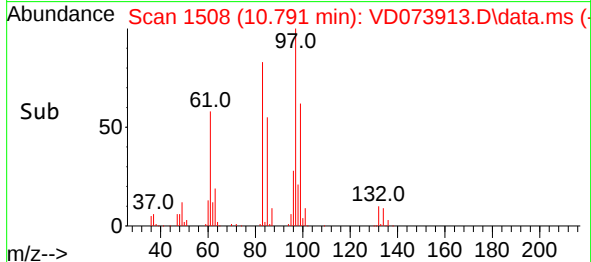
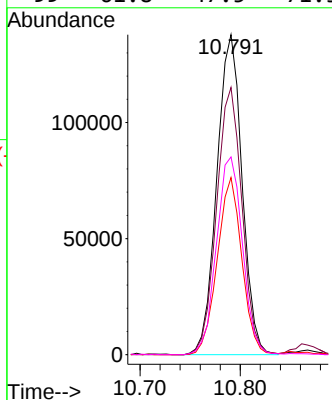
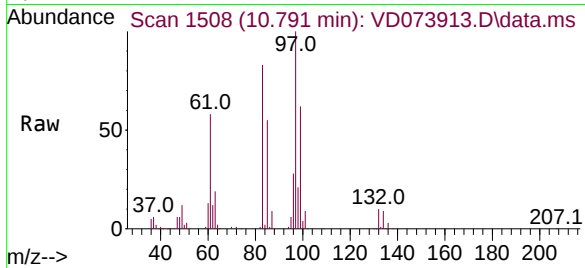


#55
1,1,2-Trichloroethane
Concen: 147.594 ug/l
RT: 10.791 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VD073913.D
Acq: 01 Aug 2022 14:08

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tgt Ion: 97 Resp: 241067

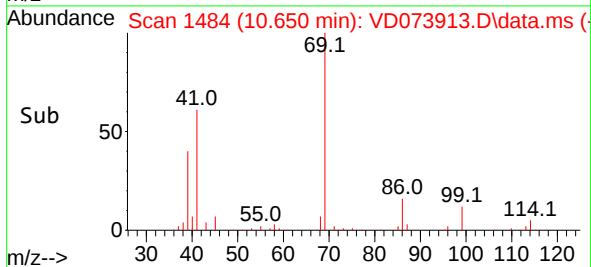
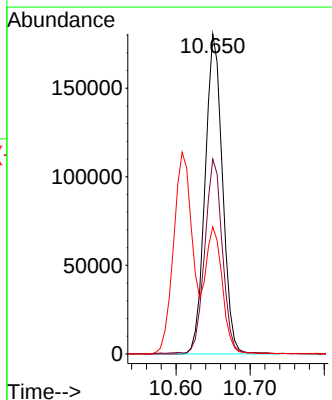
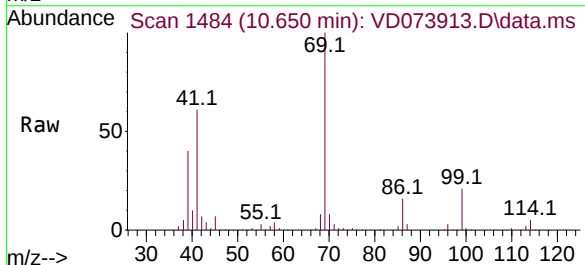
Ion	Ratio	Lower	Upper
97	100		
83	83.5	67.0	100.4
85	55.3	41.8	62.6
99	61.8	47.5	71.3

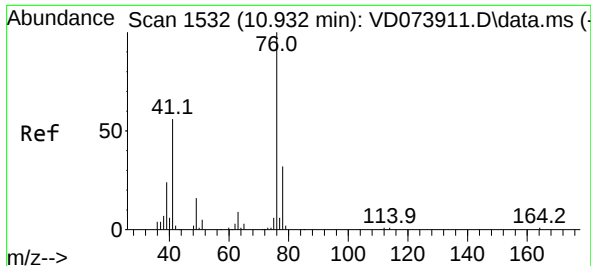


#56
Ethyl methacrylate
Concen: 158.388 ug/l
RT: 10.650 min Scan# 1484
Delta R.T. 0.000 min
Lab File: VD073913.D
Acq: 01 Aug 2022 14:08

Tgt Ion: 69 Resp: 294543

Ion	Ratio	Lower	Upper
69	100		
41	62.2	51.9	77.9
39	38.3	32.1	48.1





#57

1,3-Dichloropropane

Concen: 151.547 ug/l

RT: 10.932 min Scan# 1532

Delta R.T. 0.000 min

Lab File: VD073913.D

Acq: 01 Aug 2022 14:08

Instrument :

MSVOA_D

ClientSampleId :

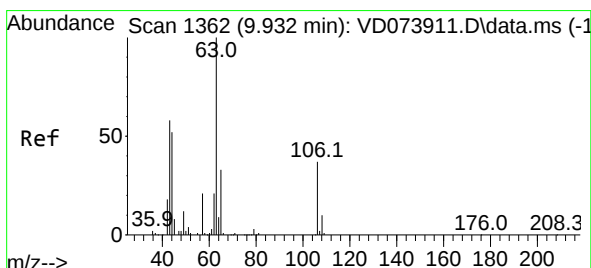
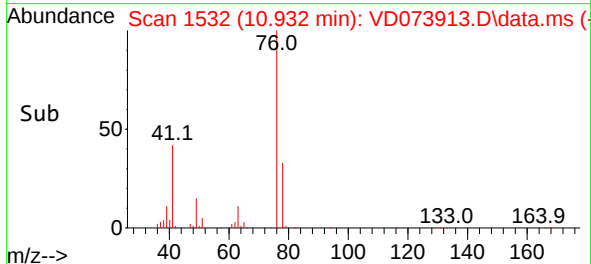
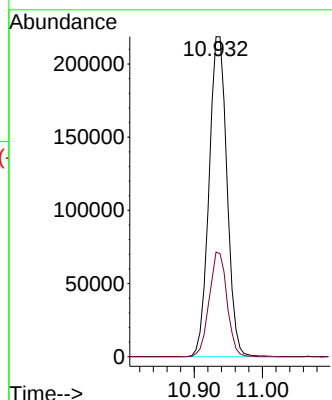
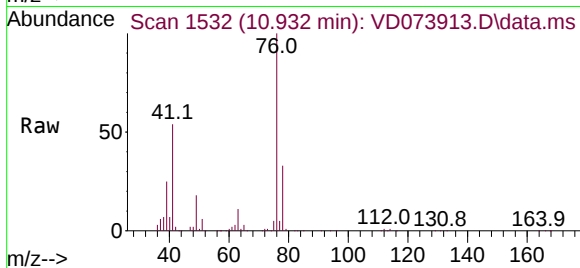
VSTDIC150

Tgt Ion: 76 Resp: 400599

Ion Ratio Lower Upper

76 100

78 32.3 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 837.055 ug/l

RT: 9.932 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VD073913.D

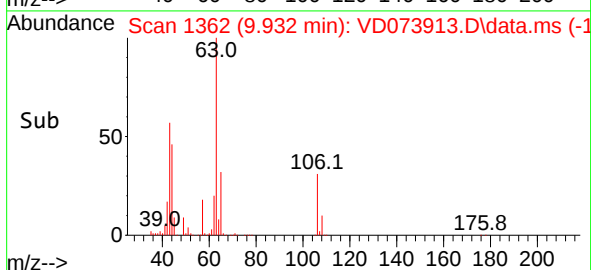
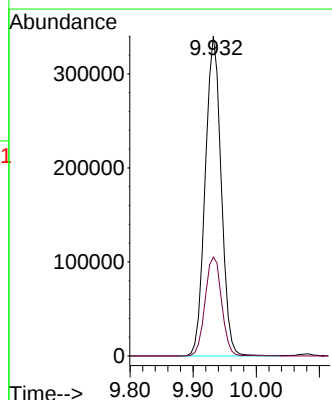
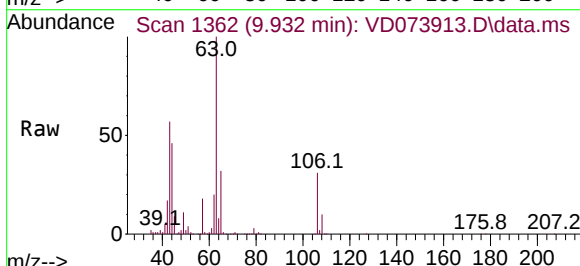
Acq: 01 Aug 2022 14:08

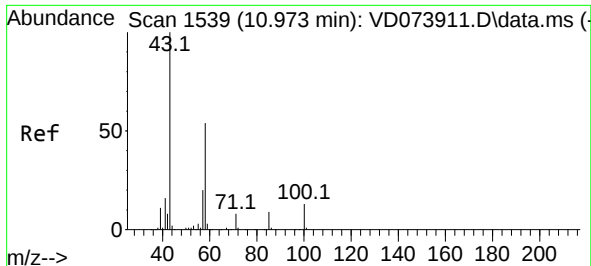
Tgt Ion: 63 Resp: 595697

Ion Ratio Lower Upper

63 100

106 32.1 26.3 39.5

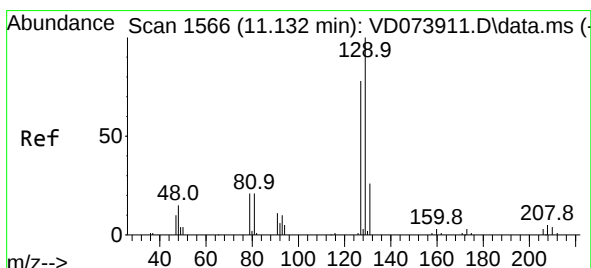
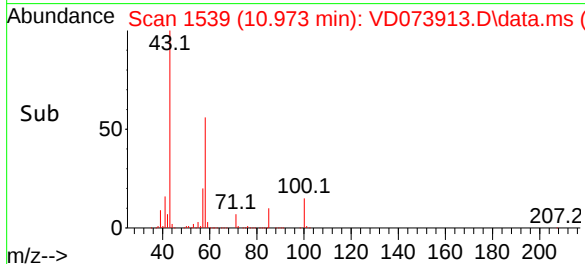
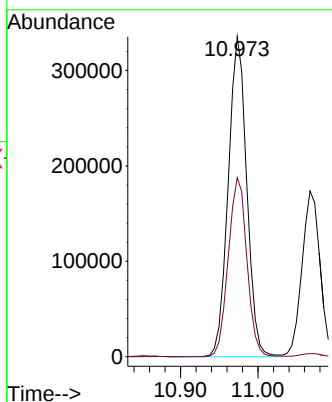
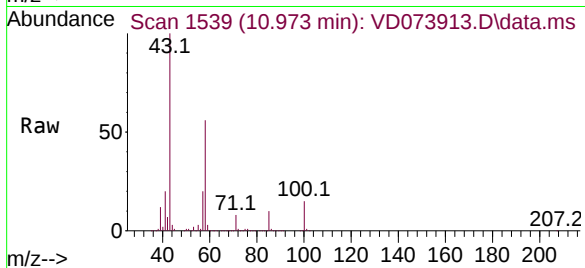




#59
2-Hexanone
Concen: 747.834 ug/l
RT: 10.973 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VD073913.D
Acq: 01 Aug 2022 14:08

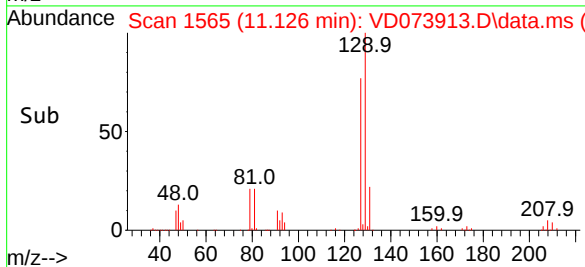
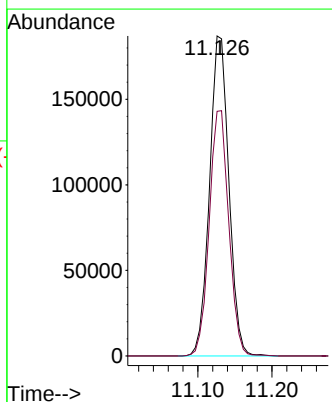
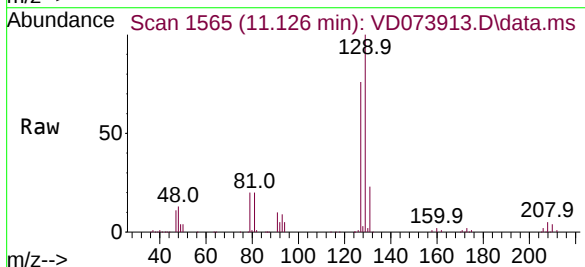
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

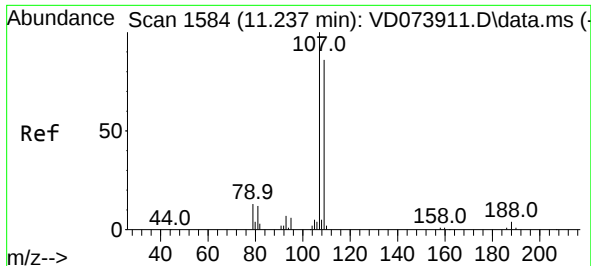
Tgt Ion: 43 Resp: 557162
Ion Ratio Lower Upper
43 100
58 56.4 27.8 83.4



#60
Dibromochloromethane
Concen: 153.519 ug/l
RT: 11.126 min Scan# 1565
Delta R.T. -0.006 min
Lab File: VD073913.D
Acq: 01 Aug 2022 14:08

Tgt Ion: 129 Resp: 338309
Ion Ratio Lower Upper
129 100
127 77.5 39.4 118.2

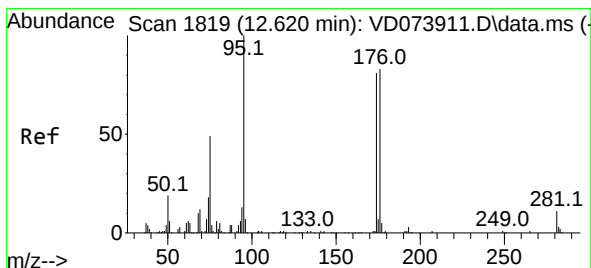
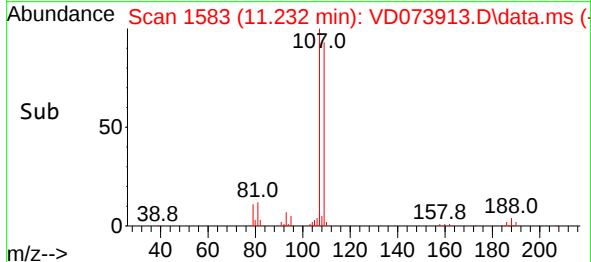
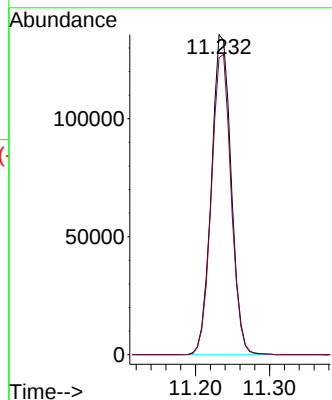
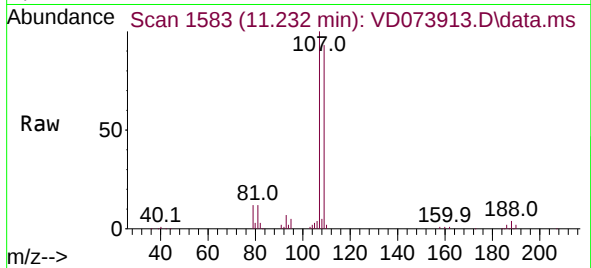




#61
1,2-Dibromoethane
Concen: 151.414 ug/l
RT: 11.232 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD073913.D
Acq: 01 Aug 2022 14:08

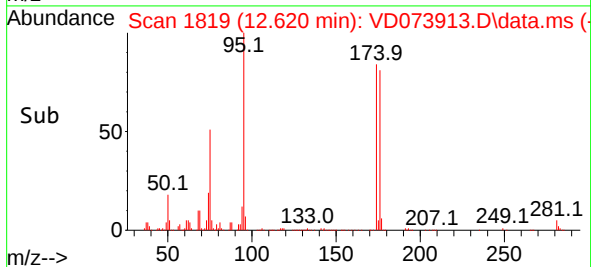
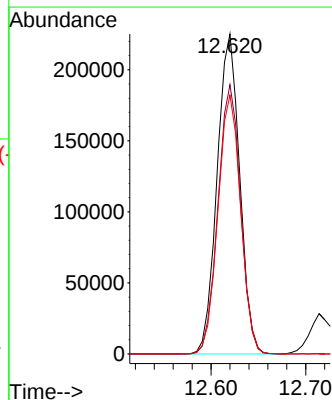
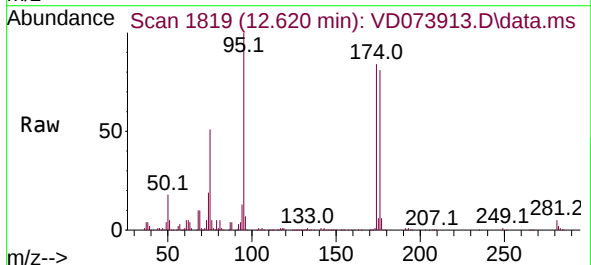
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

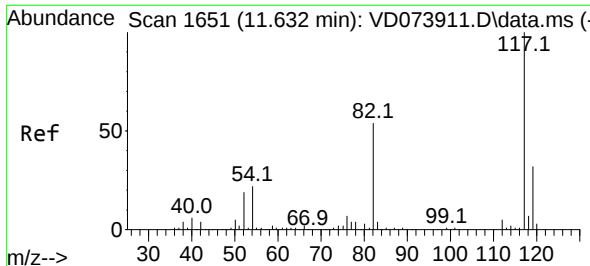
Tgt Ion:107 Resp: 250668
Ion Ratio Lower Upper
107 100
109 93.7 73.8 110.8



#62
4-Bromofluorobenzene
Concen: 143.310 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073913.D
Acq: 01 Aug 2022 14:08

Tgt Ion: 95 Resp: 372708
Ion Ratio Lower Upper
95 100
174 84.4 0.0 164.2
176 81.3 0.0 161.4

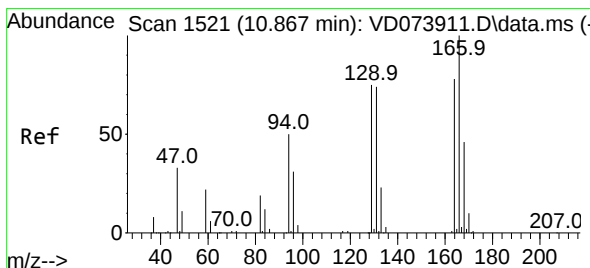
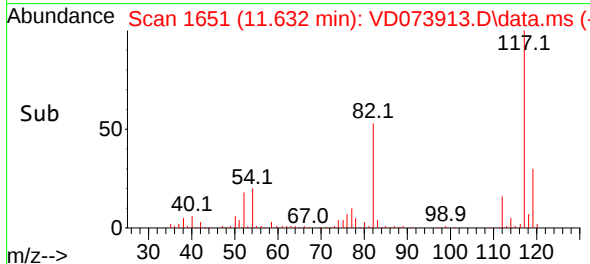
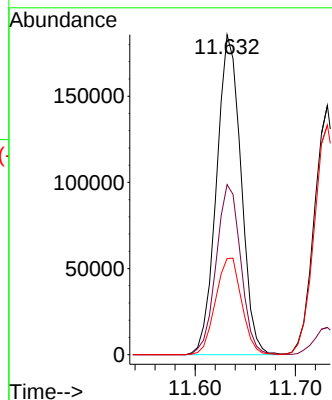
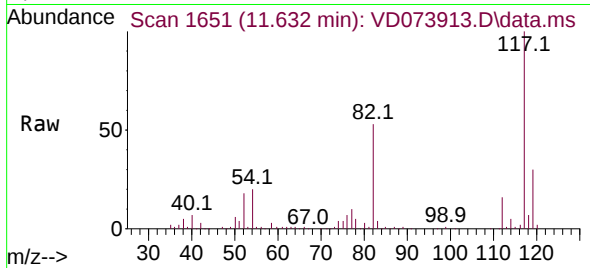




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. 0.000 min
Lab File: VD073913.D
Acq: 01 Aug 2022 14:08

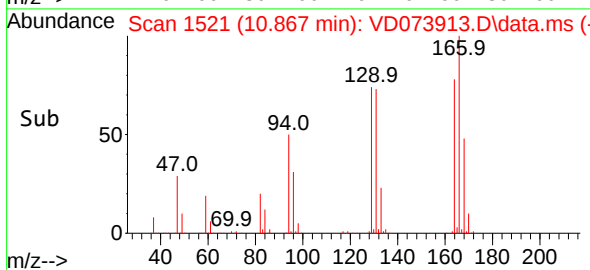
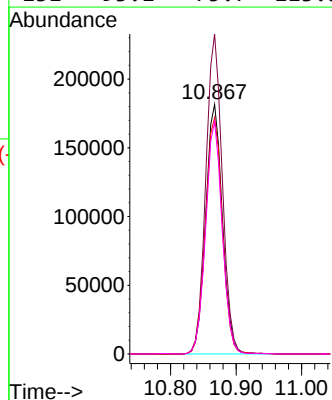
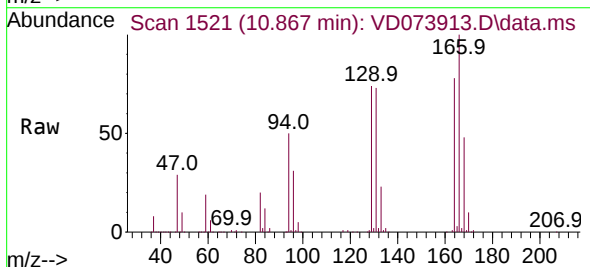
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

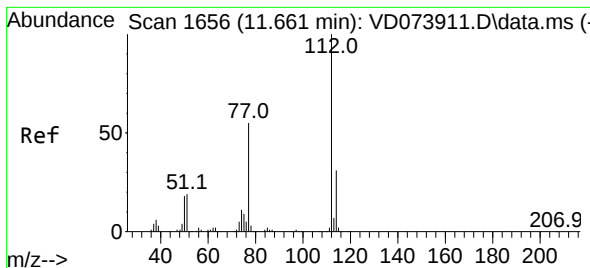
Tgt Ion:117 Resp: 315467
Ion Ratio Lower Upper
117 100
82 53.1 43.3 64.9
119 30.1 25.8 38.8



#64
Tetrachloroethene
Concen: 144.030 ug/l
RT: 10.867 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VD073913.D
Acq: 01 Aug 2022 14:08

Tgt Ion:164 Resp: 323357
Ion Ratio Lower Upper
164 100
166 128.2 102.3 153.5
129 94.7 76.6 115.0
131 93.1 75.7 113.5

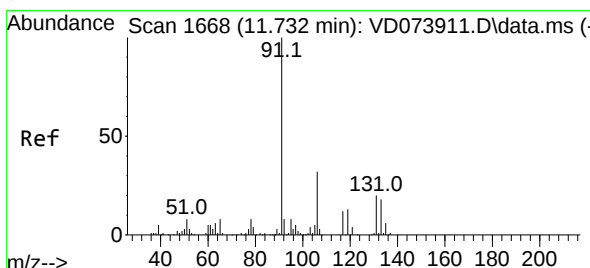
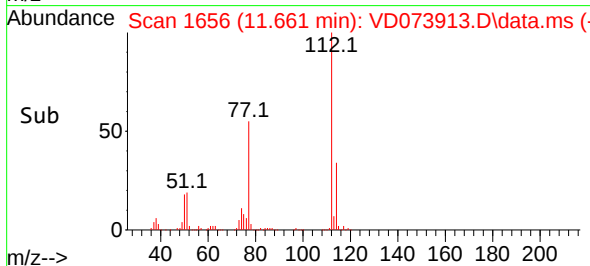
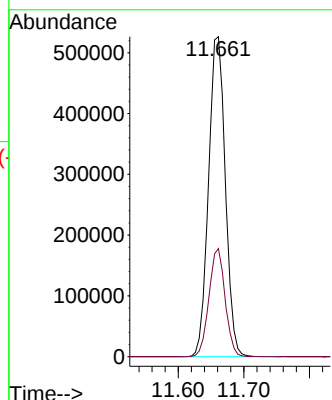
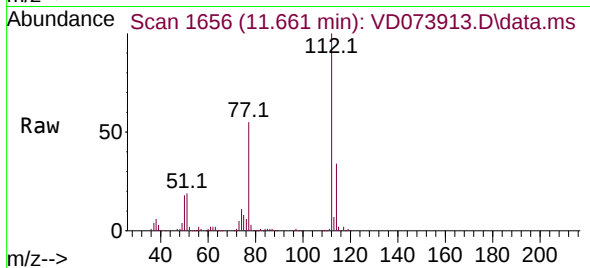




#65
Chlorobenzene
Concen: 149.800 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. 0.000 min
Lab File: VD073913.D
Acq: 01 Aug 2022 14:08

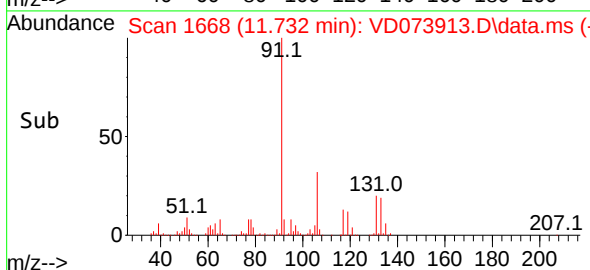
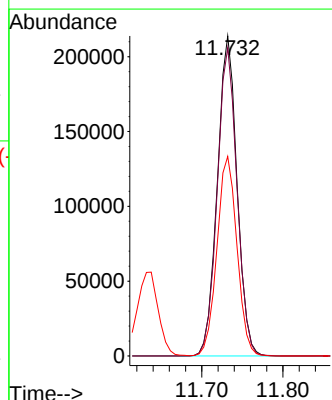
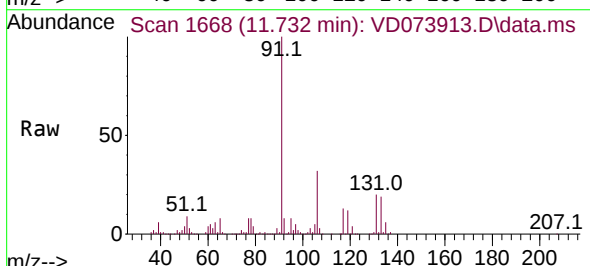
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

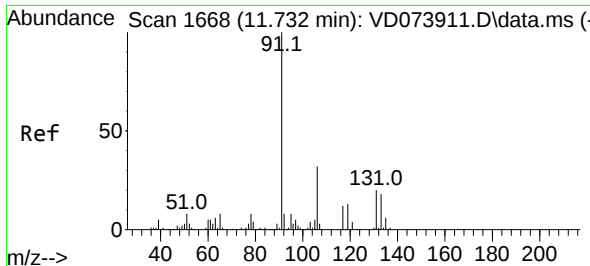
Tgt Ion:112 Resp: 936831
Ion Ratio Lower Upper
112 100
114 33.8 24.9 37.3



#66
1,1,1,2-Tetrachloroethane
Concen: 150.566 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. 0.000 min
Lab File: VD073913.D
Acq: 01 Aug 2022 14:08

Tgt Ion:131 Resp: 360694
Ion Ratio Lower Upper
131 100
133 96.6 46.3 138.9
119 63.4 31.4 94.2





#67

Ethyl Benzene

Concen: 157.704 ug/l

RT: 11.732 min Scan# 1668

Delta R.T. 0.000 min

Lab File: VD073913.D

Acq: 01 Aug 2022 14:08

Instrument :

MSVOA_D

ClientSampleId :

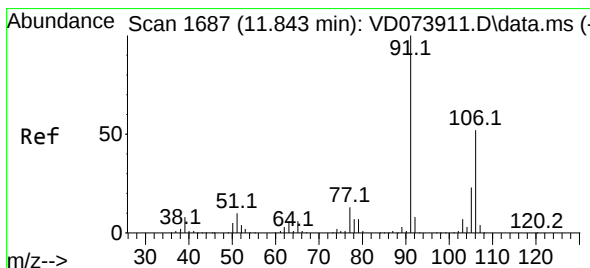
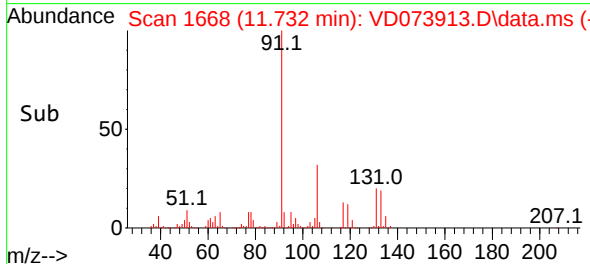
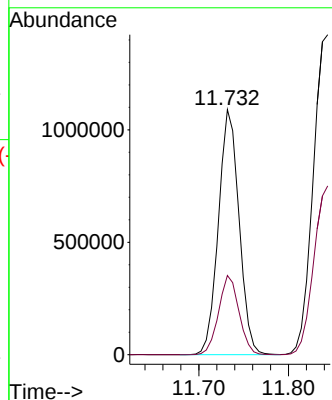
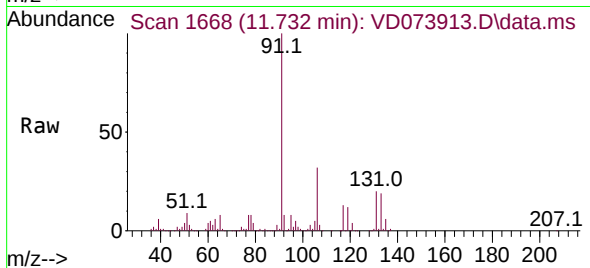
VSTDIC150

Tgt Ion: 91 Resp: 1741970

Ion Ratio Lower Upper

91 100

106 32.4 25.8 38.6



#68

m/p-Xylenes

Concen: 321.797 ug/l

RT: 11.844 min Scan# 1687

Delta R.T. 0.000 min

Lab File: VD073913.D

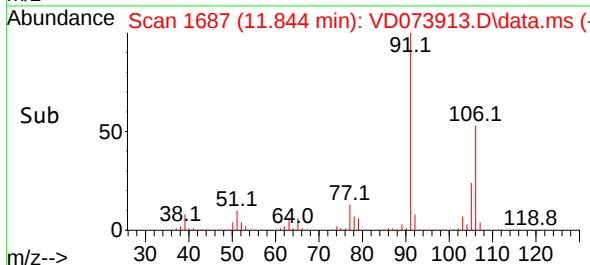
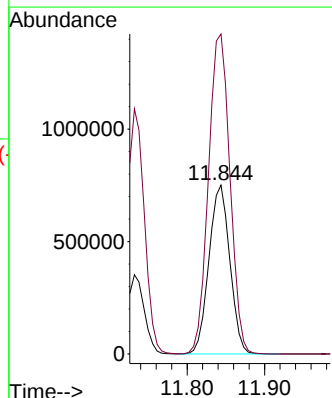
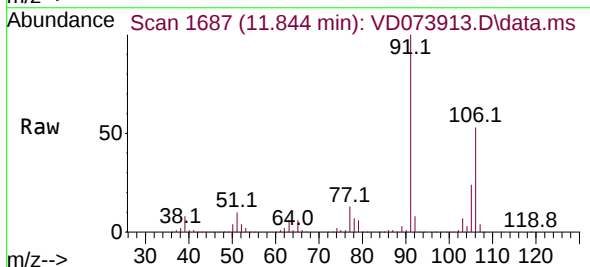
Acq: 01 Aug 2022 14:08

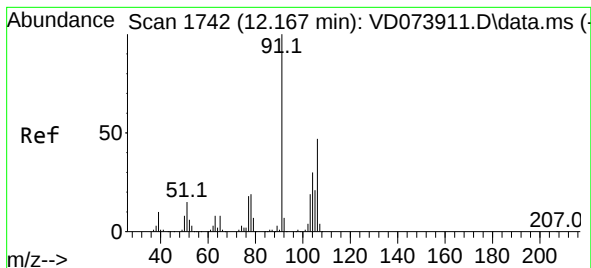
Tgt Ion: 106 Resp: 1409095

Ion Ratio Lower Upper

106 100

91 195.0 156.6 234.8

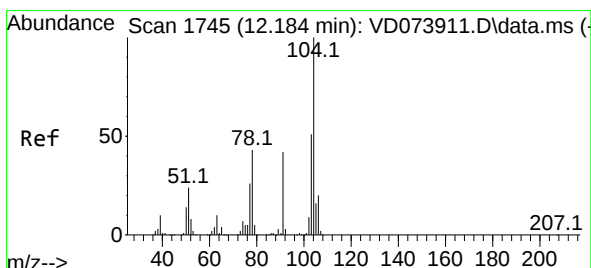
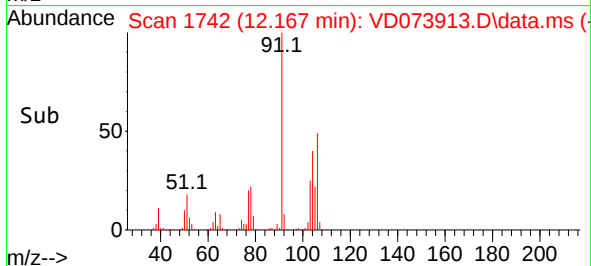
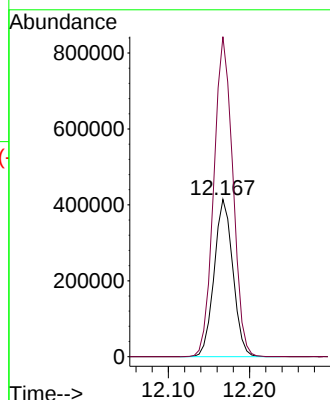
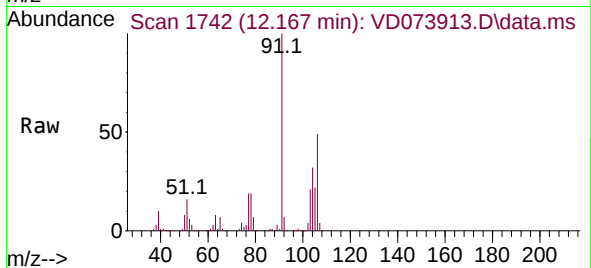




#69
o-Xylene
Concen: 161.839 ug/l
RT: 12.167 min Scan# 1742
Delta R.T. 0.000 min
Lab File: VD073913.D
Acq: 01 Aug 2022 14:08

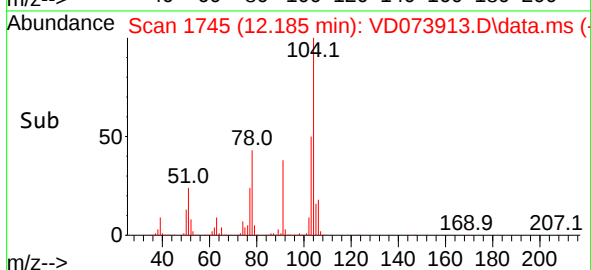
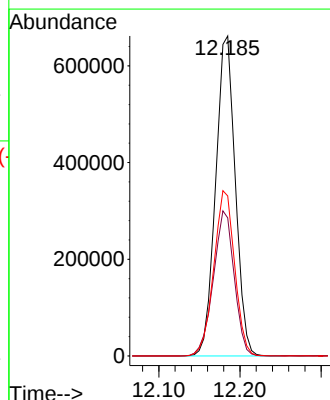
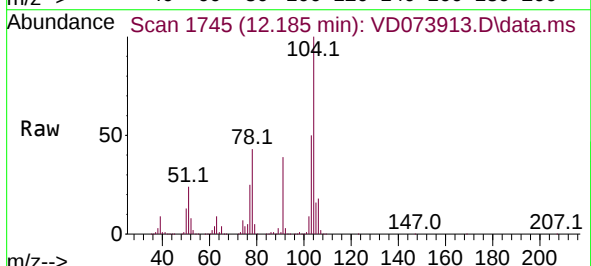
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

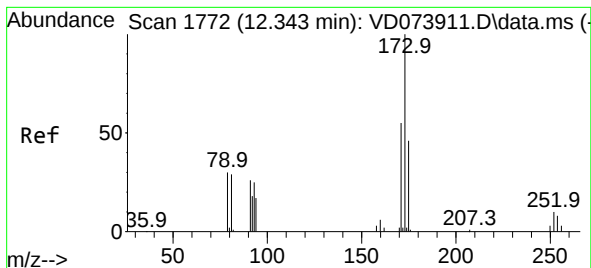
Tgt Ion:106 Resp: 663730
Ion Ratio Lower Upper
106 100
91 207.0 106.1 318.1



#70
Styrene
Concen: 160.882 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. 0.000 min
Lab File: VD073913.D
Acq: 01 Aug 2022 14:08

Tgt Ion:104 Resp: 1114441
Ion Ratio Lower Upper
104 100
78 48.0 39.0 58.4
103 54.8 43.8 65.6





#71

Bromoform

Concen: 156.730 ug/l

RT: 12.344 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VD073913.D

Acq: 01 Aug 2022 14:08

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

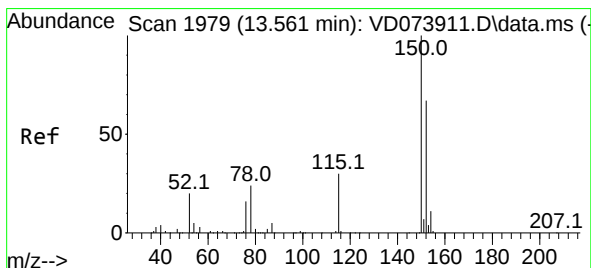
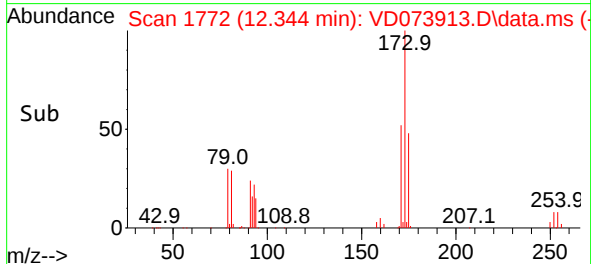
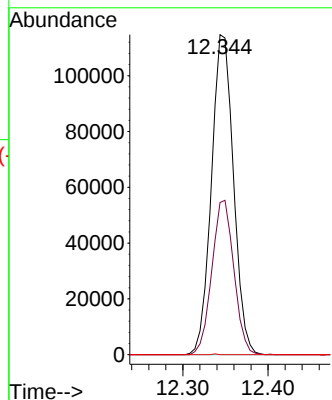
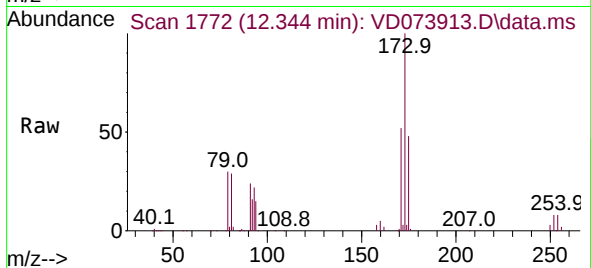
Tgt Ion:173 Resp: 206213

Ion Ratio Lower Upper

173 100

175 48.1 23.5 70.6

254 0.0 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.561 min Scan# 1979

Delta R.T. 0.000 min

Lab File: VD073913.D

Acq: 01 Aug 2022 14:08

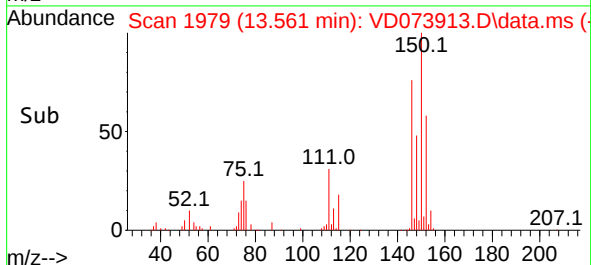
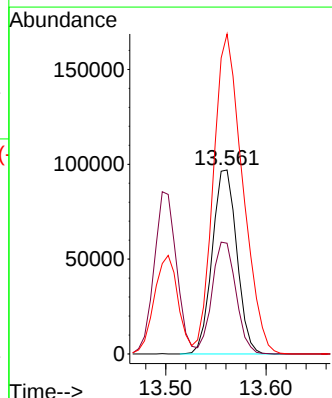
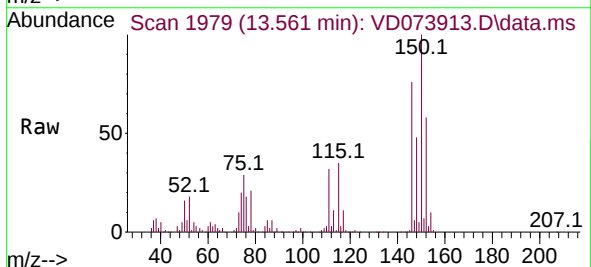
Tgt Ion:152 Resp: 165242

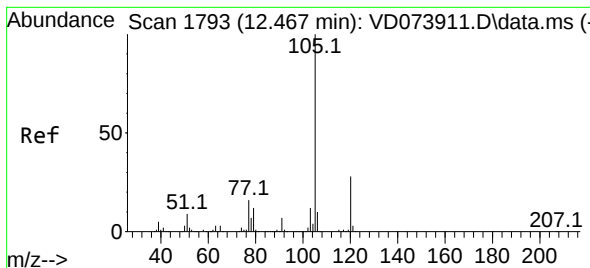
Ion Ratio Lower Upper

152 100

115 58.9 29.1 87.3

150 206.6 0.0 338.2





#73

Isopropylbenzene

Concen: 154.485 ug/l

RT: 12.467 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VD073913.D

Acq: 01 Aug 2022 14:08

Instrument :

MSVOA_D

ClientSampleId :

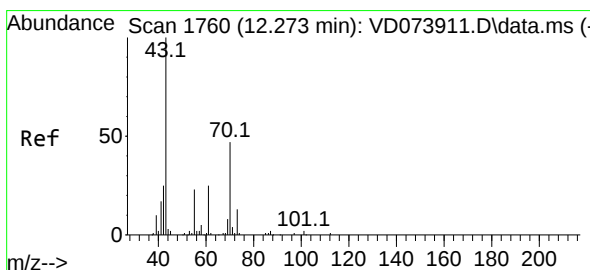
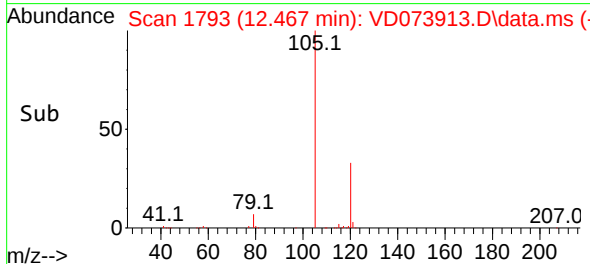
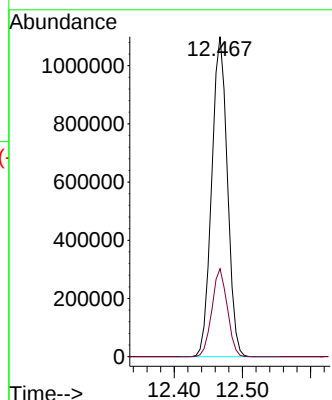
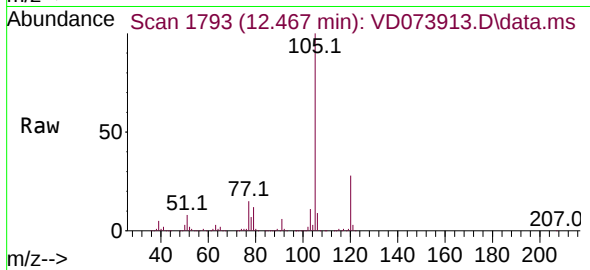
VSTDIC150

Tgt Ion:105 Resp: 1760175

Ion Ratio Lower Upper

105 100

120 26.9 13.7 41.0



#74

N-ethyl acetate

Concen: 146.343 ug/l

RT: 12.273 min Scan# 1760

Delta R.T. 0.000 min

Lab File: VD073913.D

Acq: 01 Aug 2022 14:08

Tgt Ion: 43 Resp: 333898

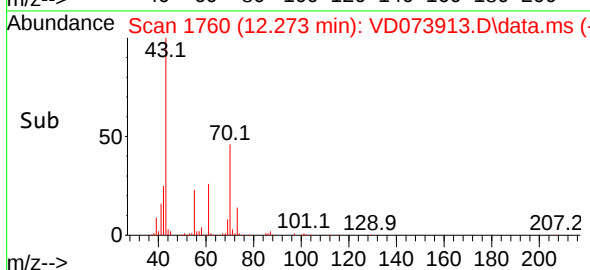
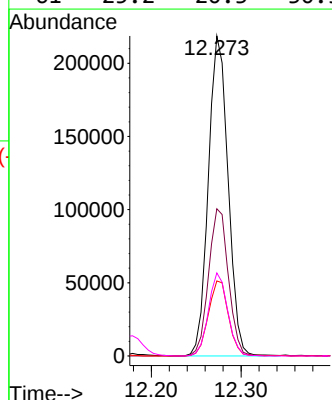
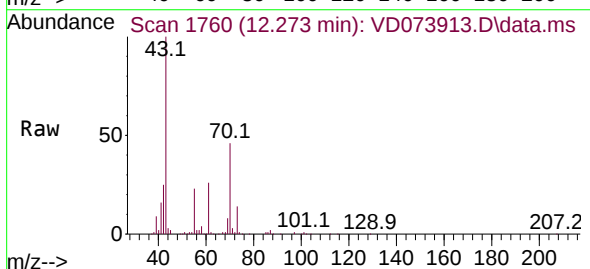
Ion Ratio Lower Upper

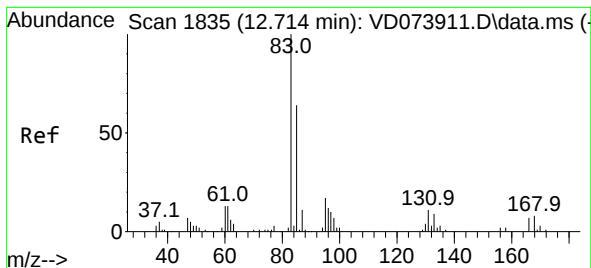
43 100

70 46.2 37.1 55.7

55 24.0 19.5 29.3

61 25.2 20.3 30.5

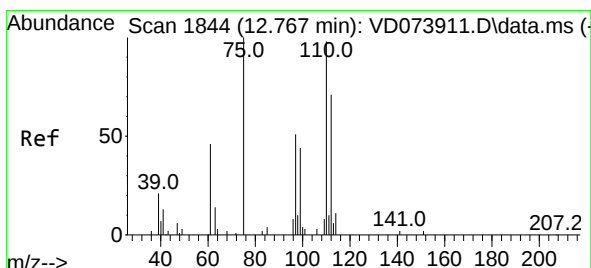
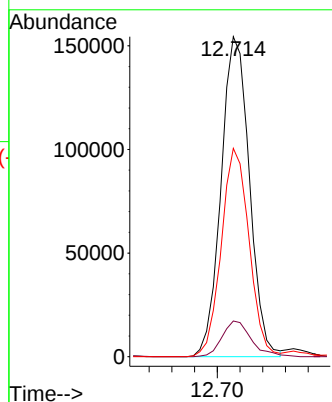
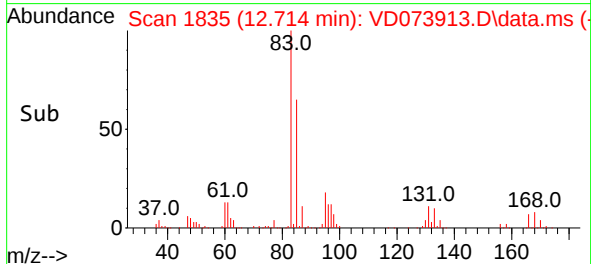
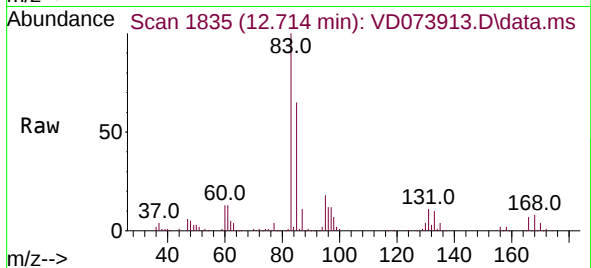




#75
1,1,2,2-Tetrachloroethane
Concen: 137.867 ug/l
RT: 12.714 min Scan# 1835
Delta R.T. 0.000 min
Lab File: VD073913.D
Acq: 01 Aug 2022 14:08

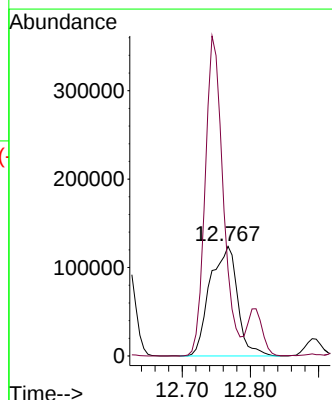
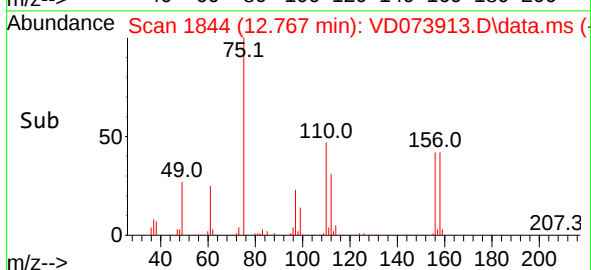
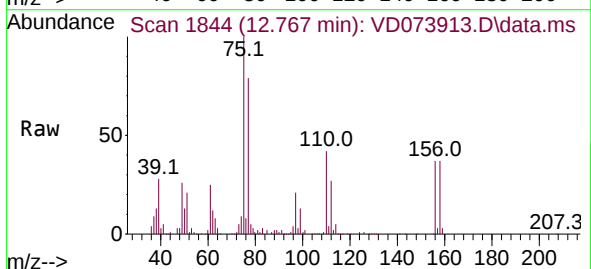
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

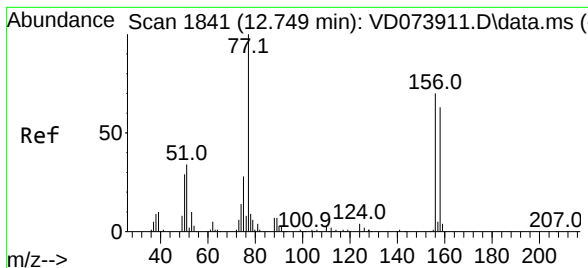
Tgt Ion: 83 Resp: 267589
Ion Ratio Lower Upper
83 100
131 11.5 5.9 17.6
85 63.8 33.4 100.1



#76
1,2,3-Trichloropropane
Concen: 233.197 ug/l
RT: 12.767 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VD073913.D
Acq: 01 Aug 2022 14:08

Tgt Ion: 75 Resp: 348874
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 150.653 ug/l

RT: 12.749 min Scan# 1841

Delta R.T. 0.000 min

Lab File: VD073913.D

Acq: 01 Aug 2022 14:08

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

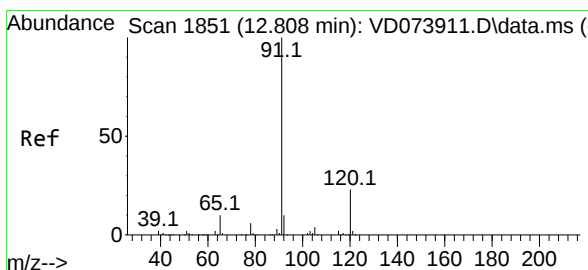
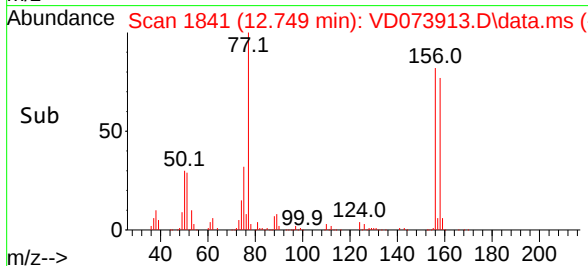
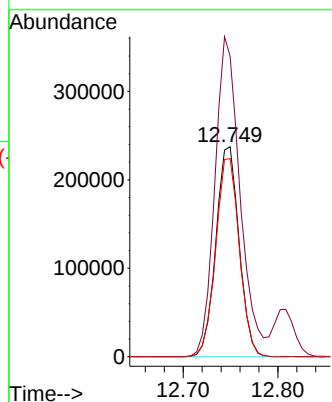
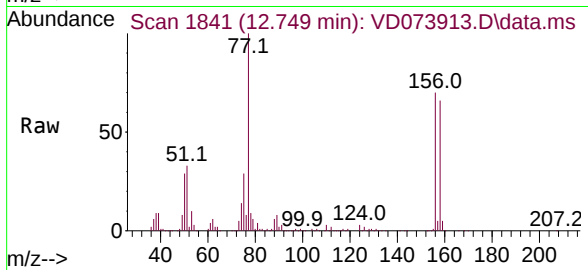
Tgt Ion:156 Resp: 404068

Ion Ratio Lower Upper

156 100

77 164.4 84.4 253.1

158 95.9 48.4 145.3



#78

n-propylbenzene

Concen: 151.564 ug/l

RT: 12.808 min Scan# 1851

Delta R.T. 0.000 min

Lab File: VD073913.D

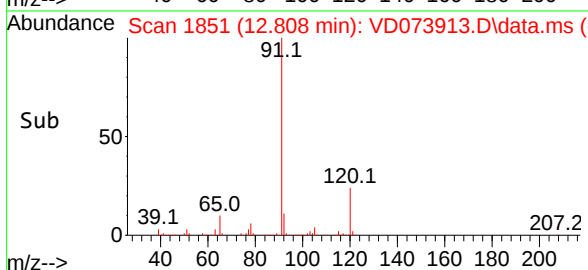
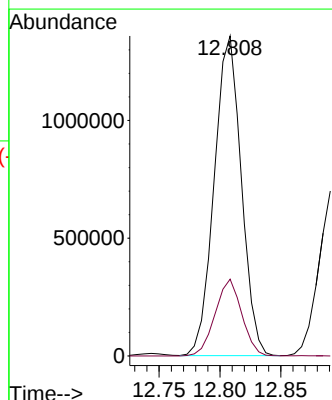
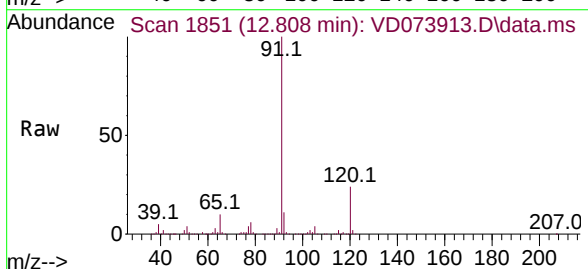
Acq: 01 Aug 2022 14:08

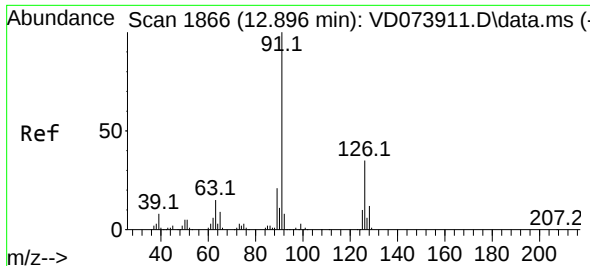
Tgt Ion: 91 Resp: 2100063

Ion Ratio Lower Upper

91 100

120 23.6 11.9 35.7

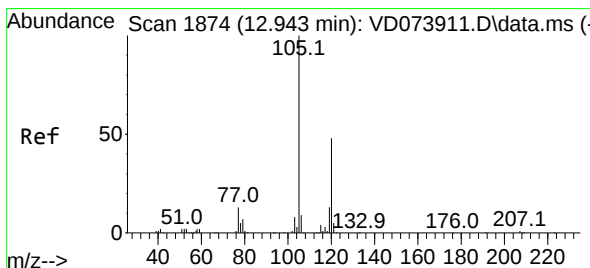
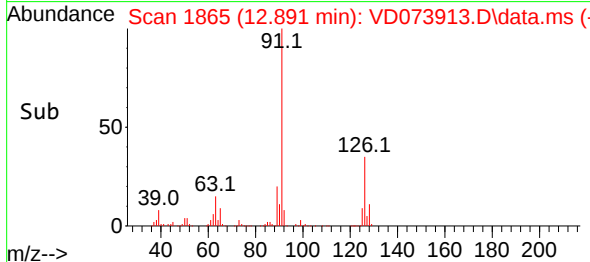
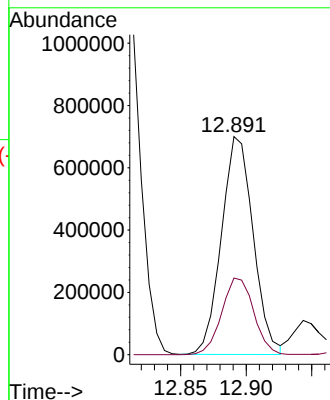
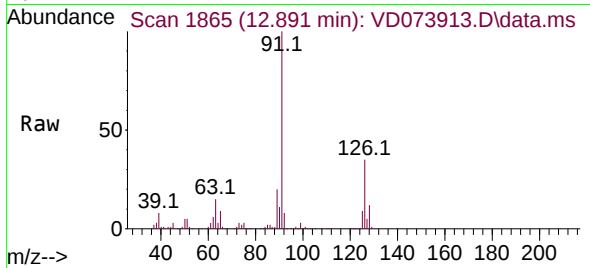




#79
2-Chlorotoluene
Concen: 148.706 ug/l
RT: 12.891 min Scan# 1866
Delta R.T. -0.006 min
Lab File: VD073913.D
Acq: 01 Aug 2022 14:08

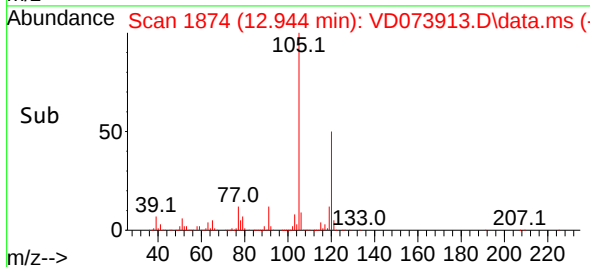
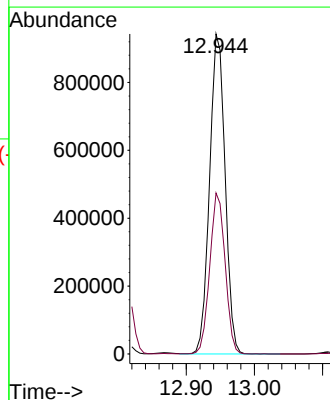
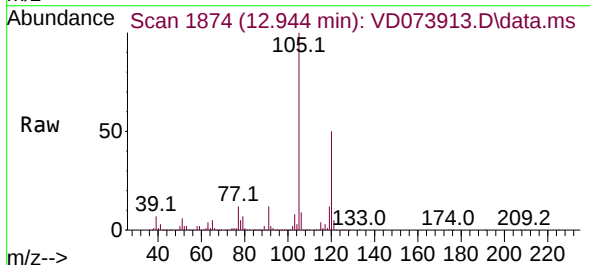
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

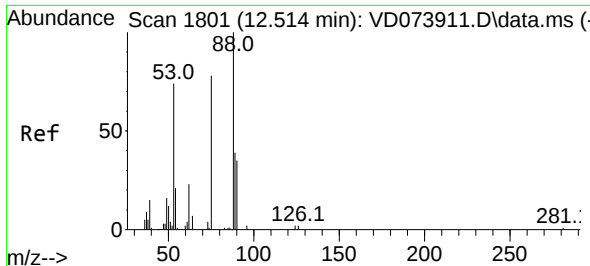
Tgt Ion: 91 Resp: 1178681
Ion Ratio Lower Upper
91 100
126 35.4 17.8 53.5



#80
1,3,5-Trimethylbenzene
Concen: 154.394 ug/l
RT: 12.944 min Scan# 1874
Delta R.T. 0.000 min
Lab File: VD073913.D
Acq: 01 Aug 2022 14:08

Tgt Ion: 105 Resp: 1494508
Ion Ratio Lower Upper
105 100
120 49.6 24.9 74.6

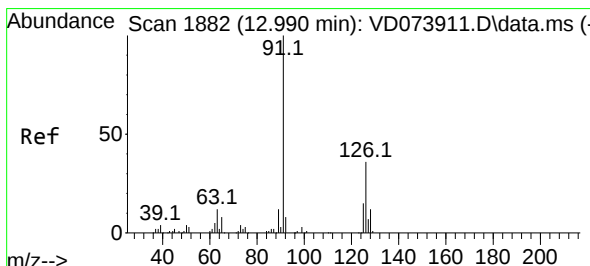
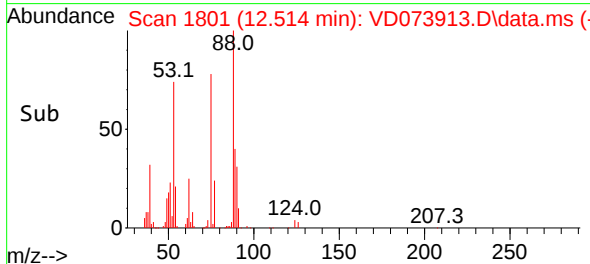
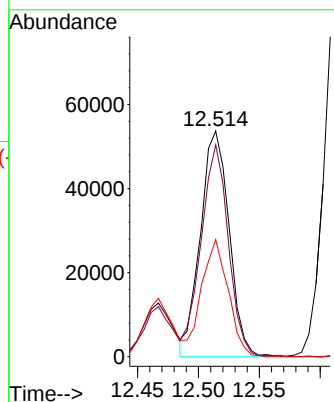
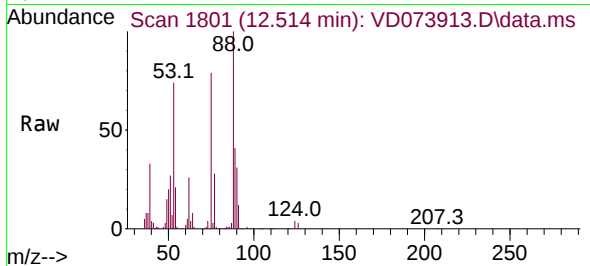




#81
trans-1,4-Dichloro-2-butene
Concen: 153.145 ug/l
RT: 12.514 min Scan# 1801
Delta R.T. 0.000 min
Lab File: VD073913.D
Acq: 01 Aug 2022 14:08

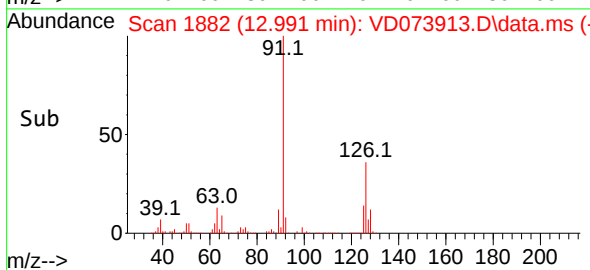
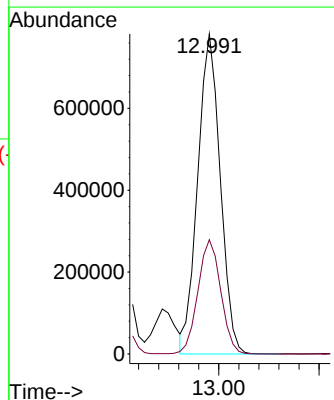
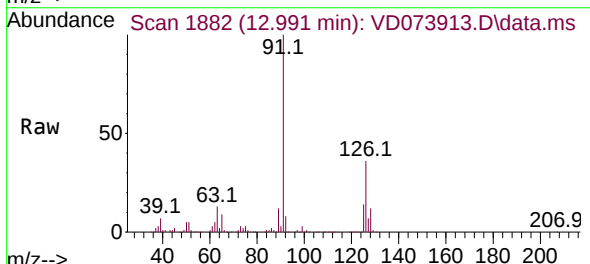
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

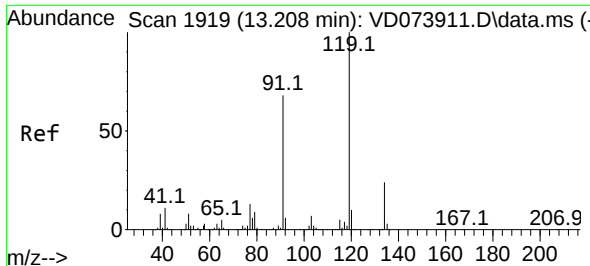
Tgt Ion: 75 Resp: 88206
Ion Ratio Lower Upper
75 100
53 89.5 71.6 107.4
89 48.9 39.8 59.6



#82
4-Chlorotoluene
Concen: 146.945 ug/l
RT: 12.991 min Scan# 1882
Delta R.T. 0.000 min
Lab File: VD073913.D
Acq: 01 Aug 2022 14:08

Tgt Ion: 91 Resp: 1220899
Ion Ratio Lower Upper
91 100
126 36.2 17.5 52.5

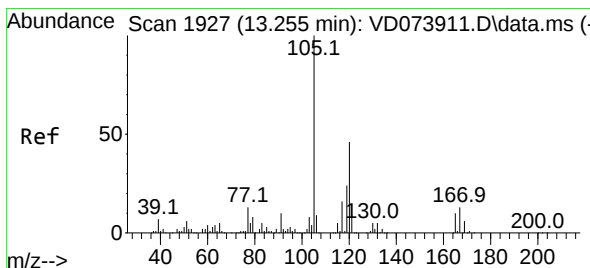
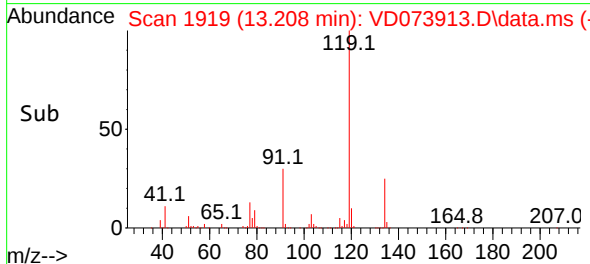
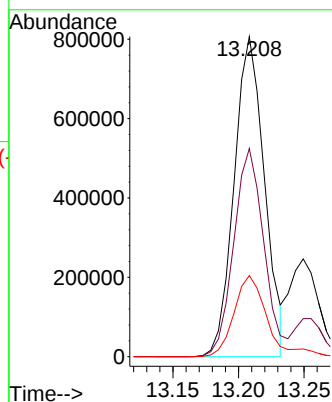
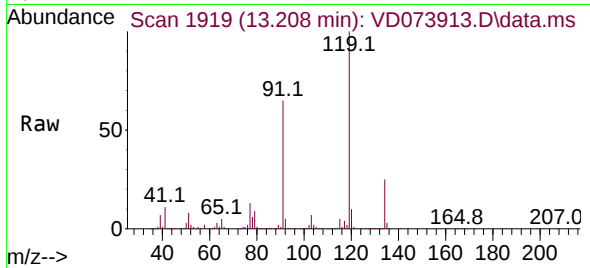




#83
 tert-Butylbenzene
 Concen: 154.234 ug/l
 RT: 13.208 min Scan# 1919
 Delta R.T. 0.000 min
 Lab File: VD073913.D
 Acq: 01 Aug 2022 14:08

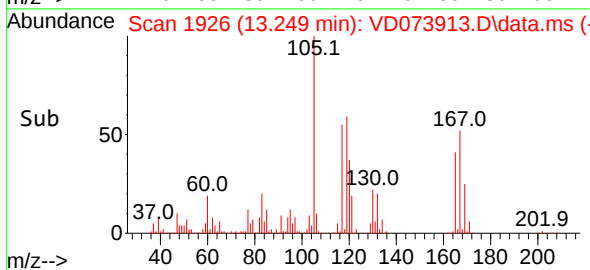
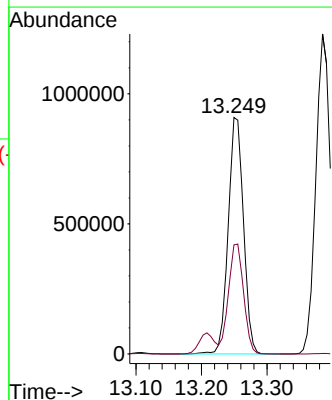
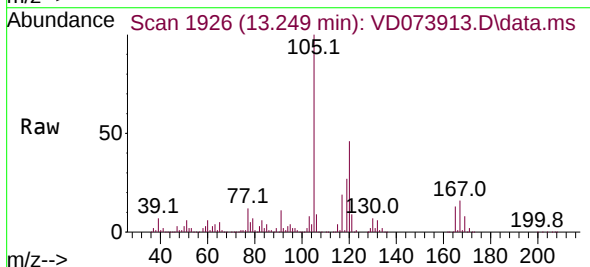
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

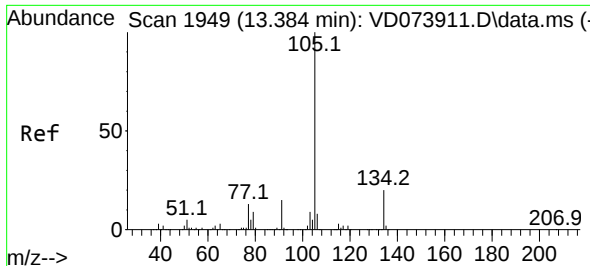
Tgt Ion:119 Resp: 1299912
 Ion Ratio Lower Upper
 119 100
 91 64.8 33.2 99.6
 134 27.6 13.6 40.8



#84
 1,2,4-Trimethylbenzene
 Concen: 153.676 ug/l
 RT: 13.249 min Scan# 1926
 Delta R.T. -0.006 min
 Lab File: VD073913.D
 Acq: 01 Aug 2022 14:08

Tgt Ion:105 Resp: 1469551
 Ion Ratio Lower Upper
 105 100
 120 46.1 22.8 68.4

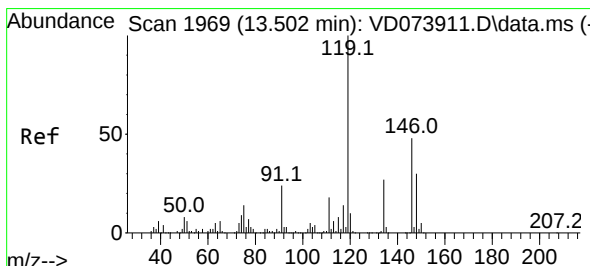
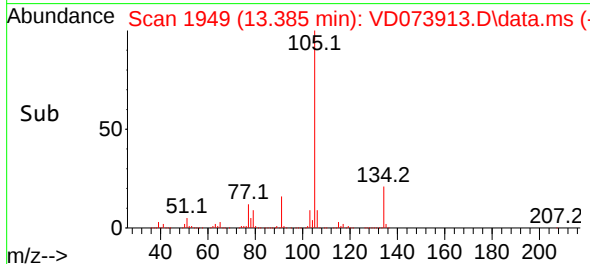
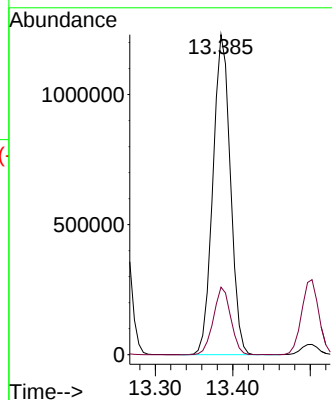
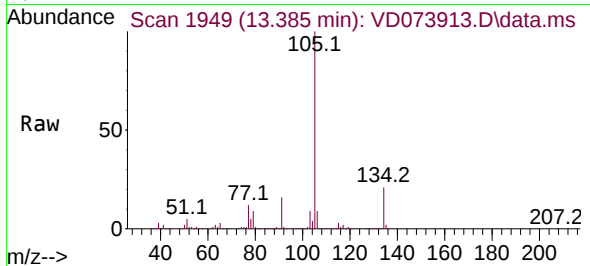




#85
 sec-Butylbenzene
 Concen: 150.992 ug/l
 RT: 13.385 min Scan# 1949
 Delta R.T. 0.000 min
 Lab File: VD073913.D
 Acq: 01 Aug 2022 14:08

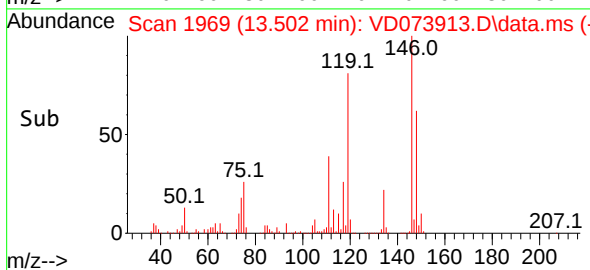
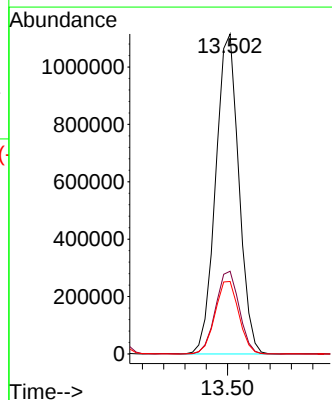
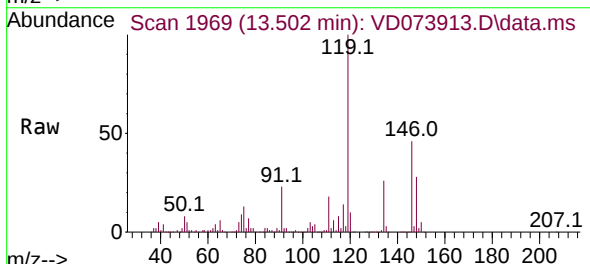
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

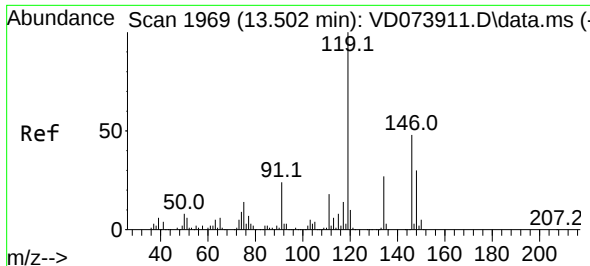
Tgt Ion:105 Resp: 1925575
 Ion Ratio Lower Upper
 105 100
 134 20.9 10.3 30.8



#86
 p-Isopropyltoluene
 Concen: 156.742 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. 0.000 min
 Lab File: VD073913.D
 Acq: 01 Aug 2022 14:08

Tgt Ion:119 Resp: 1679048
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.2 39.6
 91 23.3 12.0 36.0

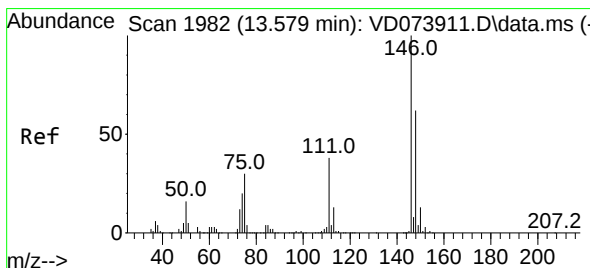
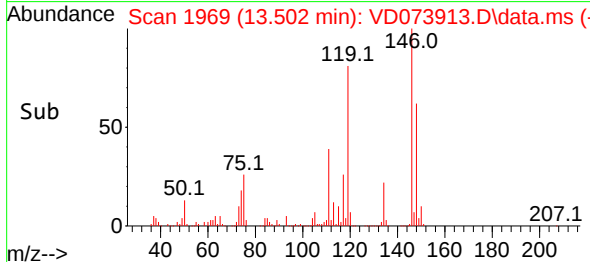
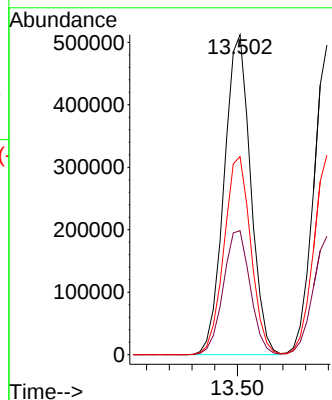
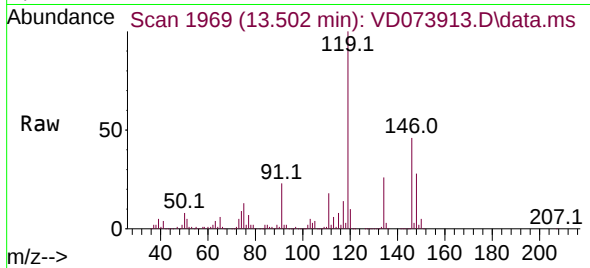




#87
1,3-Dichlorobenzene
Concen: 147.904 ug/l
RT: 13.502 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD073913.D
Acq: 01 Aug 2022 14:08

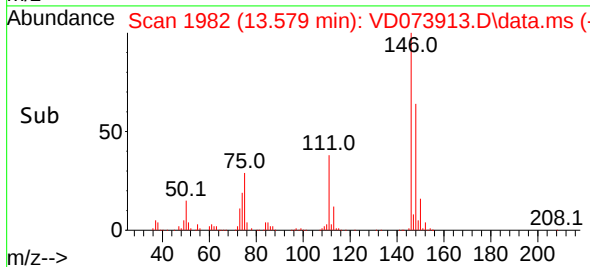
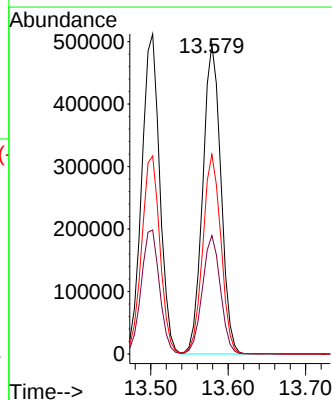
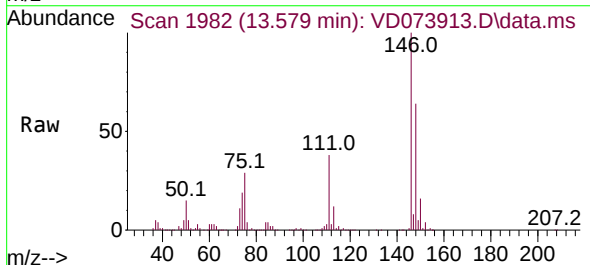
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

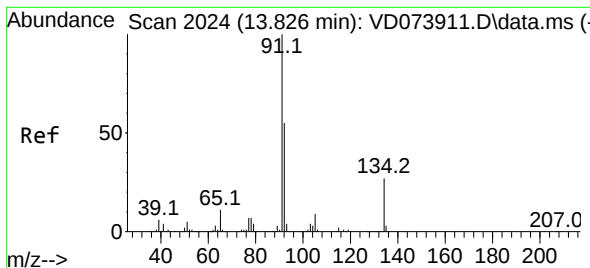
Tgt Ion:146 Resp: 828405
Ion Ratio Lower Upper
146 100
111 39.5 19.9 59.6
148 62.8 31.9 95.7



#88
1,4-Dichlorobenzene
Concen: 145.441 ug/l
RT: 13.579 min Scan# 1982
Delta R.T. 0.000 min
Lab File: VD073913.D
Acq: 01 Aug 2022 14:08

Tgt Ion:146 Resp: 806917
Ion Ratio Lower Upper
146 100
111 37.9 19.4 58.4
148 64.1 31.7 95.1





#89

n-Butylbenzene

Concen: 151.885 ug/l

RT: 13.826 min Scan# 2024

Delta R.T. 0.000 min

Lab File: VD073913.D

Acq: 01 Aug 2022 14:08

Instrument :

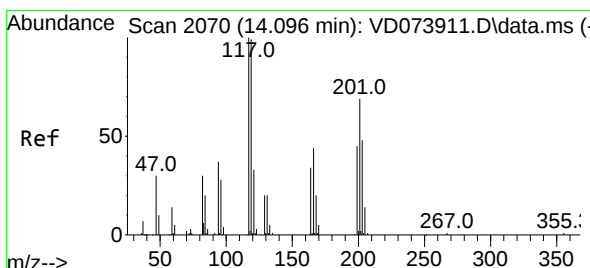
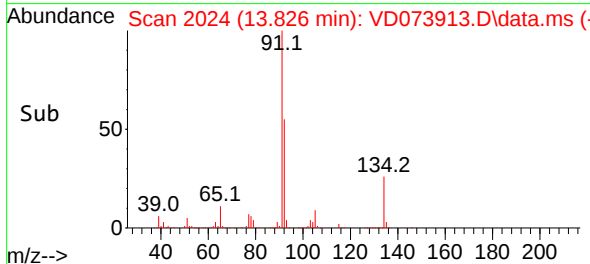
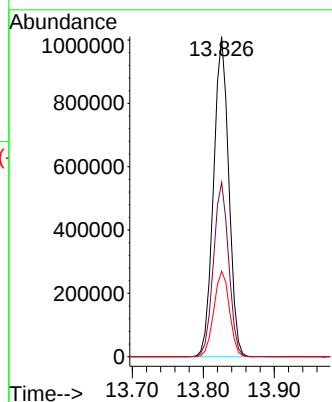
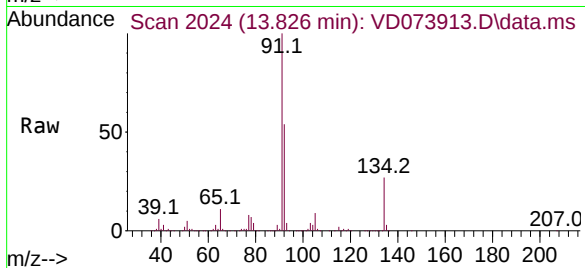
MSVOA_D

ClientSampleId :

VSTDIC150

Tgt Ion: 91 Resp: 1500236

Ion	Ratio	Lower	Upper
91	100		
92	54.3	26.9	80.6
134	27.3	13.6	40.7



#90

Hexachloroethane

Concen: 153.906 ug/l

RT: 14.091 min Scan# 2069

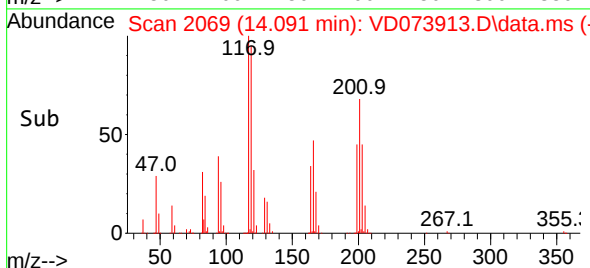
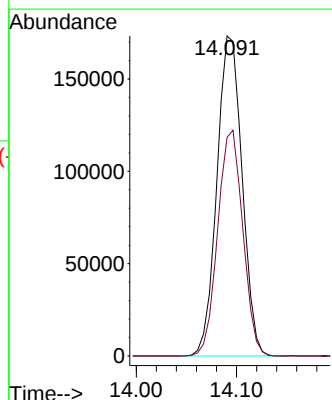
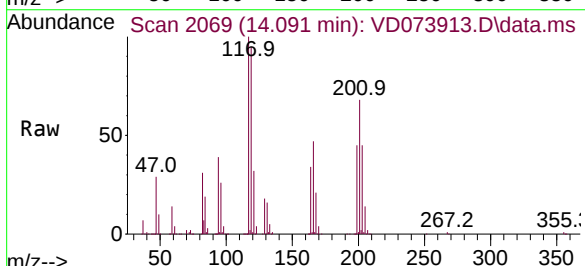
Delta R.T. -0.006 min

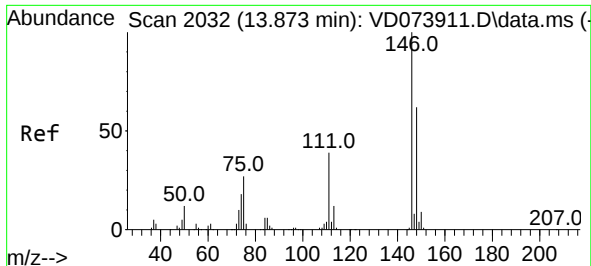
Lab File: VD073913.D

Acq: 01 Aug 2022 14:08

Tgt Ion: 117 Resp: 302124

Ion	Ratio	Lower	Upper
117	100		
201	70.2	34.2	102.6

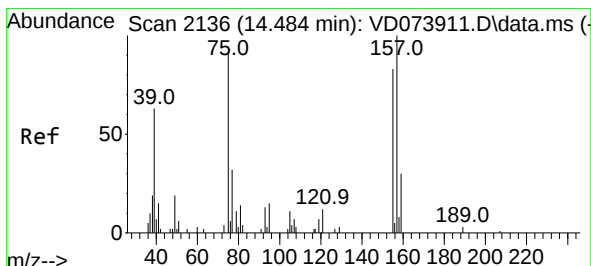
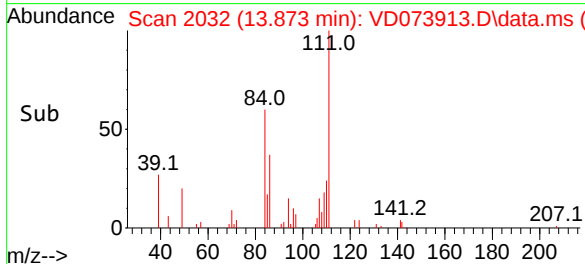
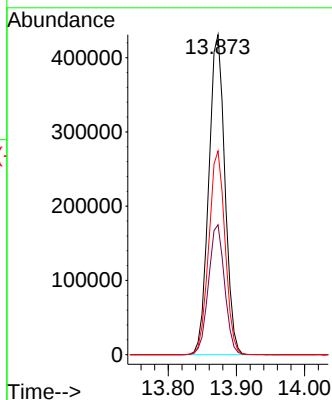
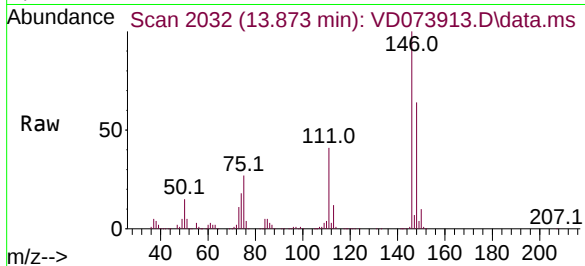




#91
1,2-Dichlorobenzene
Concen: 148.221 ug/l
RT: 13.873 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD073913.D
Acq: 01 Aug 2022 14:08

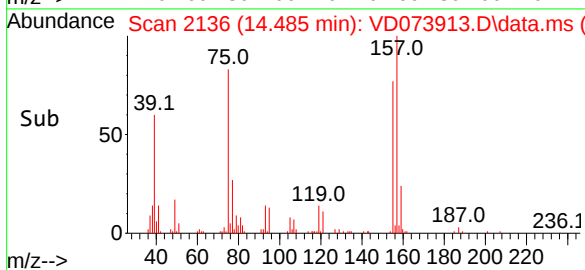
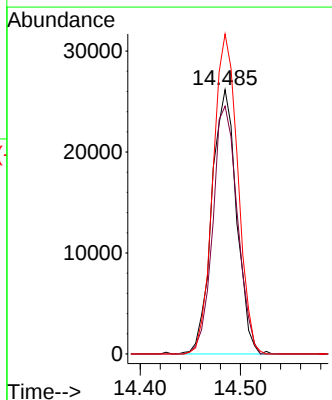
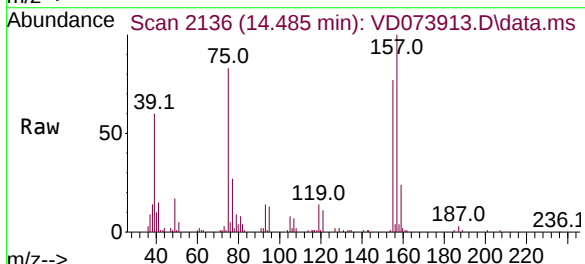
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

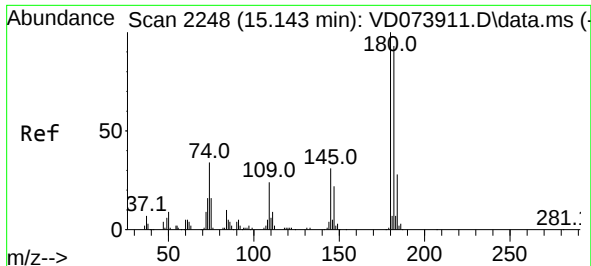
Tgt Ion:146 Resp: 709801
Ion Ratio Lower Upper
146 100
111 40.6 20.1 60.3
148 64.1 32.0 96.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 135.823 ug/l
RT: 14.485 min Scan# 2136
Delta R.T. 0.000 min
Lab File: VD073913.D
Acq: 01 Aug 2022 14:08

Tgt Ion: 75 Resp: 44903
Ion Ratio Lower Upper
75 100
155 93.3 46.5 139.5
157 120.6 56.5 169.5

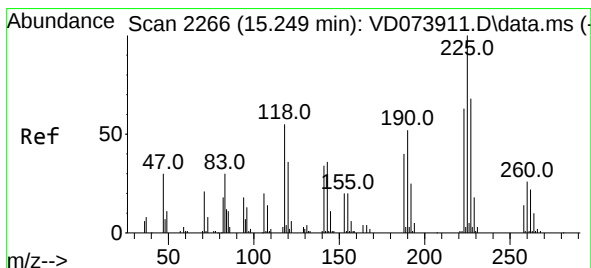
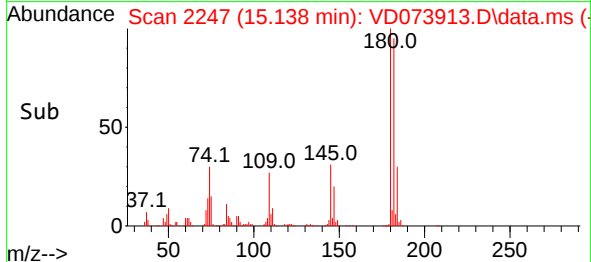
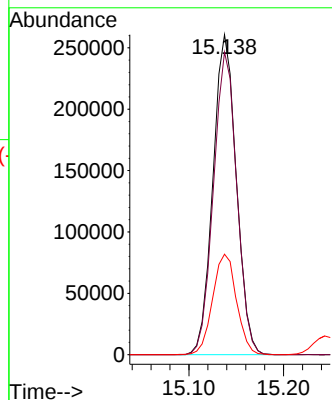
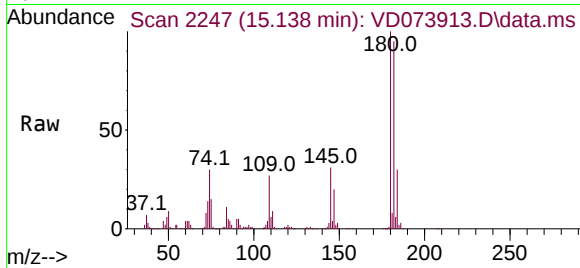




#93
1,2,4-Trichlorobenzene
Concen: 149.776 ug/l
RT: 15.138 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD073913.D
Acq: 01 Aug 2022 14:08

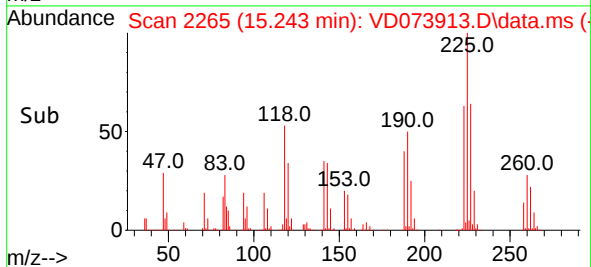
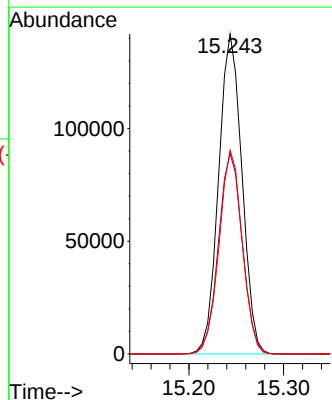
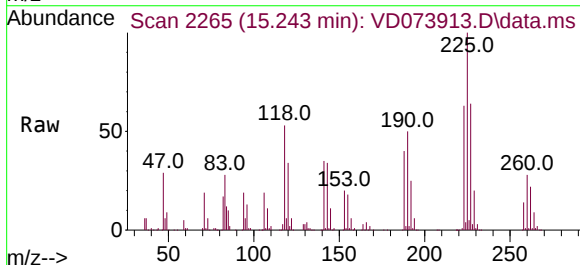
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

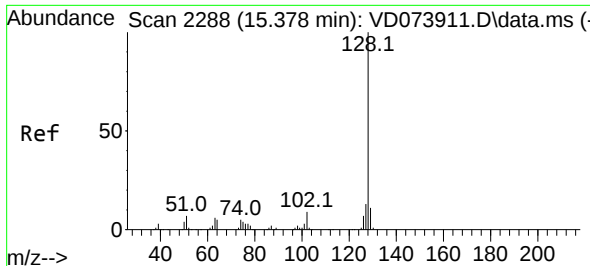
Tgt Ion:180 Resp: 446014
Ion Ratio Lower Upper
180 100
182 94.5 47.6 142.8
145 32.2 16.1 48.3



#94
Hexachlorobutadiene
Concen: 150.456 ug/l
RT: 15.243 min Scan# 2265
Delta R.T. -0.006 min
Lab File: VD073913.D
Acq: 01 Aug 2022 14:08

Tgt Ion:225 Resp: 243416
Ion Ratio Lower Upper
225 100
223 63.7 31.3 93.8
227 63.3 32.3 96.9

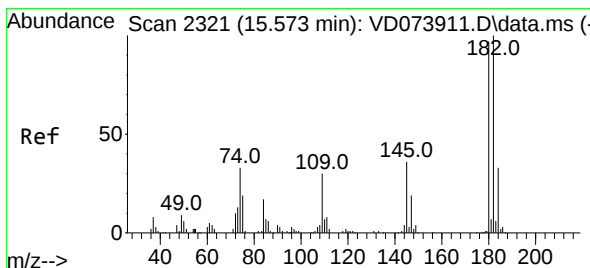
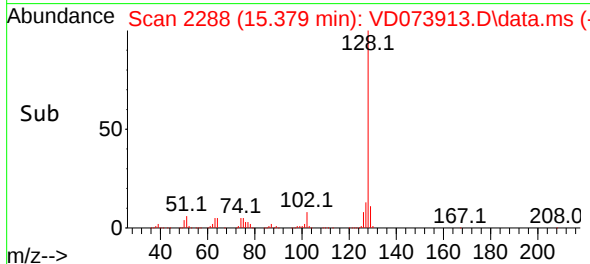
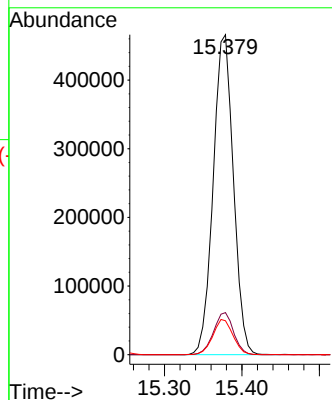
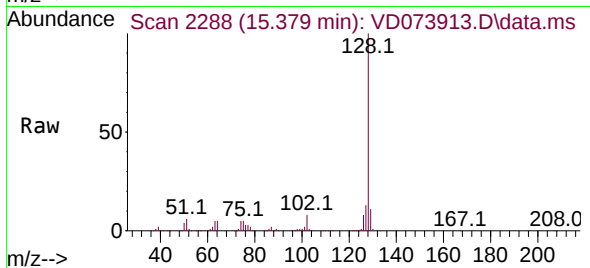




#95
Naphthalene
Concen: 155.110 ug/l
RT: 15.379 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD073913.D
Acq: 01 Aug 2022 14:08

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tgt Ion:128 Resp: 843647
Ion Ratio Lower Upper
128 100
127 13.1 11.0 16.4
129 11.0 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 148.555 ug/l
RT: 15.567 min Scan# 2320
Delta R.T. -0.006 min
Lab File: VD073913.D
Acq: 01 Aug 2022 14:08

Tgt Ion:180 Resp: 382383
Ion Ratio Lower Upper
180 100
182 95.7 48.7 146.1
145 33.5 17.2 51.5

