

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030123\
 Data File : VD075427.D
 Acq On : 01 Mar 2023 14:34
 Operator : KP/SY
 Sample : VSTD02513
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025113

Quant Time: Mar 02 01:02:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM030123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Mar 02 01:01:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	358593	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	326110	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	168647	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	186644	20.962	ug/L	0.00
7) Chloroethane-d5	2.805	69	161568	20.963	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.922	63	181361	21.807	ug/L	0.00
21) 2-Butanone-d5	6.993	46	38435	46.582	ug/L	0.00
24) Chloroform-d	7.569	84	208602	22.198	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.228	65	89686	22.029	ug/L	0.00
32) Benzene-d6	8.199	84	420243	21.699	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.210	67	124067	22.666	ug/L	0.00
41) Toluene-d8	10.269	98	397118	22.477	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.528	79	48598	21.726	ug/L	0.00
47) 2-Hexanone-d5	10.881	63	35595	45.076	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.651	84	100815	22.018	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.816	152	126114	21.379	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	129667	23.504	ug/L	100
3) Chloromethane	2.146	50	227046	24.472	ug/L	100
5) Vinyl chloride	2.281	62	286849	24.585	ug/L	100
6) Bromomethane	2.693	94	136660	24.713	ug/L	100
8) Chloroethane	2.840	64	187539	25.319	ug/L	100
9) Trichlorofluoromethane	3.175	101	209784	24.018	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	3.963	101	147982	24.525	ug/L	100
12) 1,1-Dichloroethene	3.940	96	130559	24.569	ug/L	100
13) Acetone	4.022	43	42218	45.040	ug/L	100
14) Carbon disulfide	4.269	76	362226	24.381	ug/L	100
15) Methyl Acetate	4.563	43	39909	25.071	ug/L	100
16) Methylene chloride	4.799	84	158921	20.975	ug/L	100
17) trans-1,2-Dichloroethene	5.316	96	142804	25.074	ug/L	100
18) Methyl tert-butyl Ether	5.322	73	269668	25.478	ug/L	100
19) 1,1-Dichloroethane	6.116	63	244768	25.405	ug/L	100
20) cis-1,2-Dichloroethene	7.081	96	162223	25.214	ug/L	100
22) 2-Butanone	7.087	43	54675	46.227	ug/L	100
23) Bromochloromethane	7.434	128	70800	25.686	ug/L	100
25) Chloroform	7.599	83	263553	25.087	ug/L	100
27) 1,2-Dichloroethane	8.328	62	144299	25.471	ug/L	100
29) Cyclohexane	7.881	56	178502	25.581	ug/L	100
30) 1,1,1-Trichloroethane	7.793	97	217527	24.808	ug/L	100
31) Carbon tetrachloride	7.993	117	175886	25.254	ug/L	100
33) Benzene	8.251	78	584997	24.961	ug/L	100
34) Trichloroethene	9.028	95	151163	24.698	ug/L	100
35) Methylcyclohexane	9.275	83	239084	25.038	ug/L	100
37) 1,2-Dichloropropane	9.304	63	145514	25.267	ug/L	100
38) Bromodichloromethane	9.587	83	190228	24.970	ug/L	100
39) cis-1,3-Dichloropropene	10.016	75	222597	25.256	ug/L	100
40) 4-Methyl-2-pentanone	10.157	43	112595	50.981	ug/L	100
42) Toluene	10.334	91	669263	26.073	ug/L	100
44) trans-1,3-Dichloropropene	10.557	75	186588	25.695	ug/L	100

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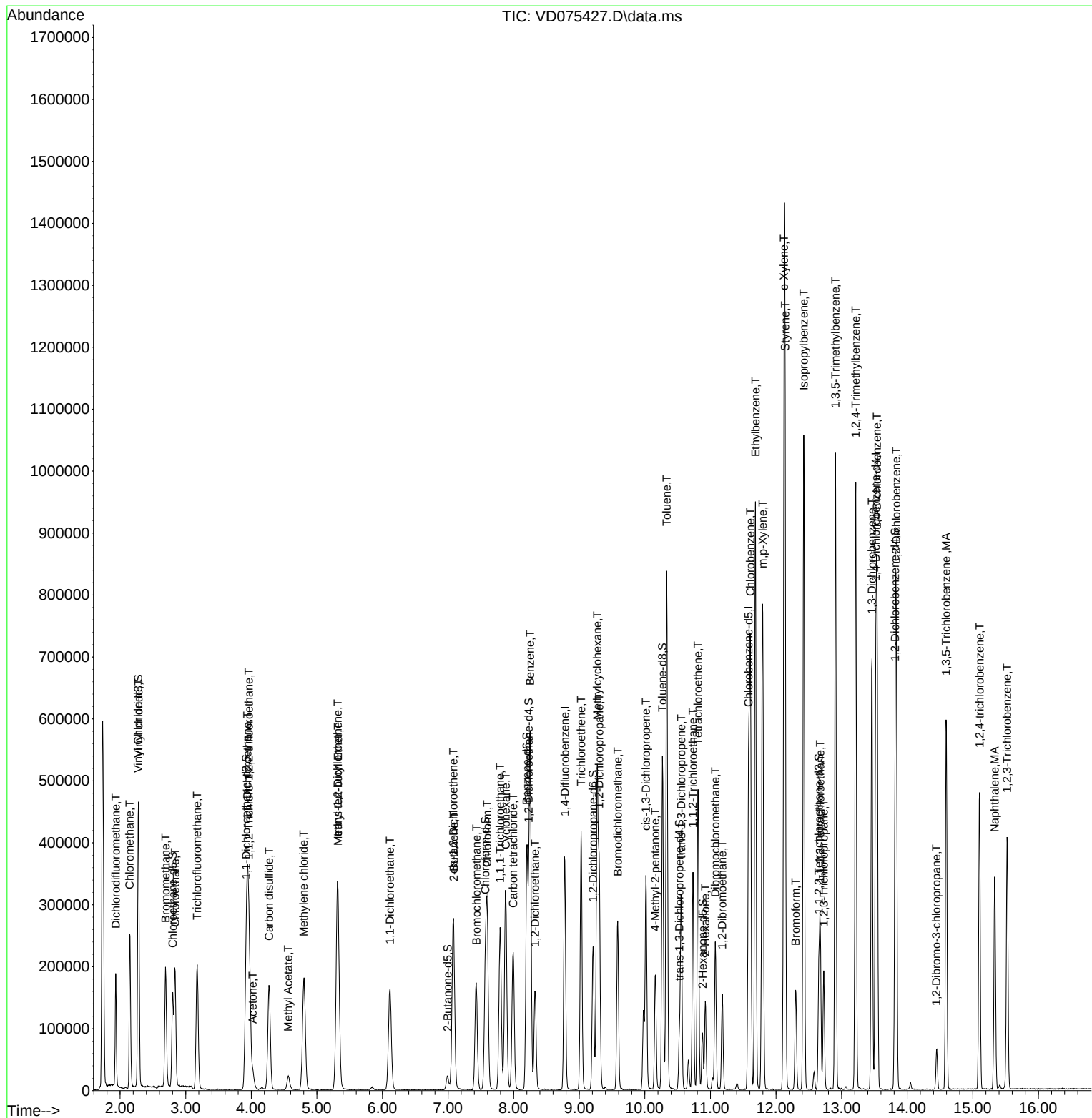
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.734	97	117751	25.599	ug/L	100
46) Tetrachloroethene	10.810	164	115143	24.551	ug/L	100
48) 2-Hexanone	10.922	43	83279	51.250	ug/L	100
49) Dibromochloromethane	11.075	129	129665	25.806	ug/L	100
50) 1,2-Dibromoethane	11.181	107	105310	25.328	ug/L	100
51) Chlorobenzene	11.610	112	418235	25.079	ug/L	100
52) Ethylbenzene	11.687	91	709907	26.018	ug/L	100
53) m,p-Xylene	11.798	106	280049	26.050	ug/L	100
54) o-Xylene	12.122	106	267325	26.287	ug/L	100
55) Styrene	12.139	104	483177	26.752	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.675	83	129155	25.655	ug/L	100
59) Bromoform	12.298	173	74044	24.331	ug/L	100
60) Isopropylbenzene	12.422	105	720961	25.418	ug/L	100
61) 1,2,3-Trichloropropane	12.728	75	81589	24.134	ug/L	100
62) 1,3,5-Trimethylbenzene	12.904	105	554195	26.028	ug/L	100
63) 1,2,4-Trimethylbenzene	13.216	105	545204	26.187	ug/L	100
64) 1,3-Dichlorobenzene	13.463	146	311924	24.860	ug/L	100
65) 1,4-Dichlorobenzene	13.539	146	316659	24.535	ug/L	100
67) 1,2-Dichlorobenzene	13.834	146	275824	24.672	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.445	75	17007	25.905	ug/L	100
69) 1,3,5-Trichlorobenzene	14.592	180	191753	24.371	ug/L	100
70) 1,2,4-trichlorobenzene	15.104	180	158306	25.024	ug/L	100
71) Naphthalene	15.333	128	312032	24.868	ug/L	100
72) 1,2,3-Trichlorobenzene	15.522	180	140558	25.207	ug/L	100

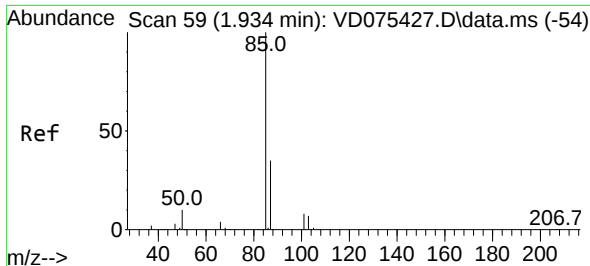
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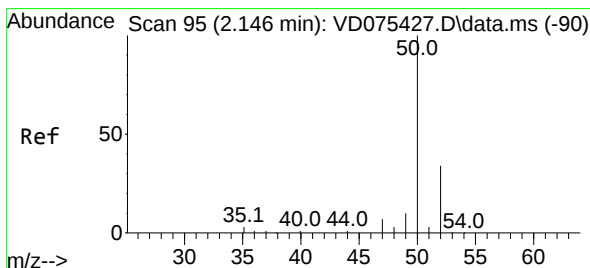
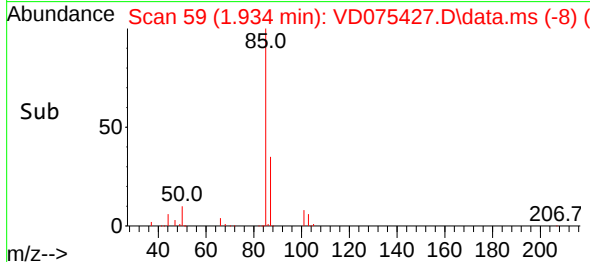
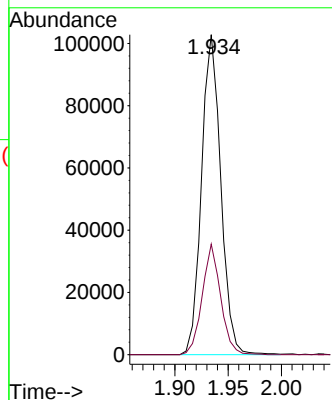
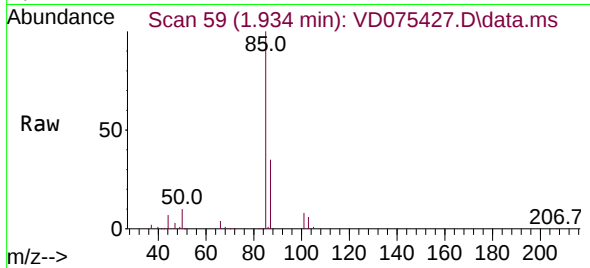




#2
Dichlorodifluoromethane
Concen: 23.504 ug/L
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD075427.D
Acq: 01 Mar 2023 14:34

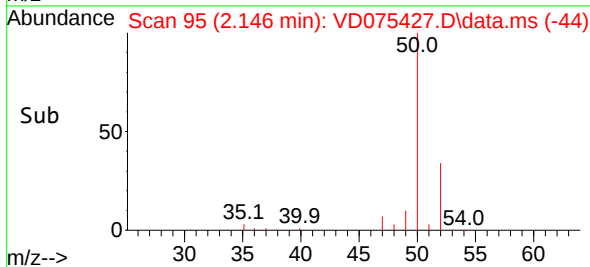
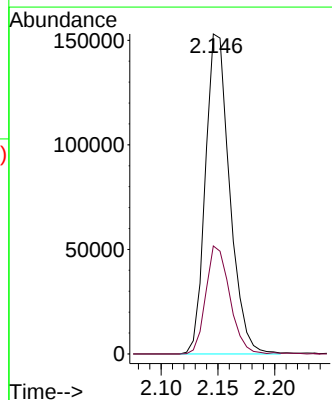
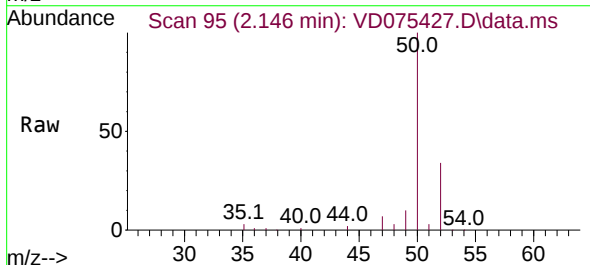
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MSVOA_D
ClientSampleId :
VSTD025113

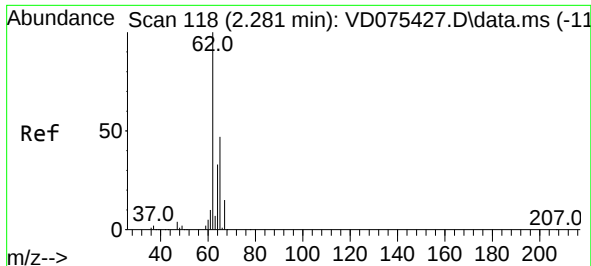
Tgt Ion: 85 Resp: 129667
Ion Ratio Lower Upper
85 100
87 33.0 26.4 39.6



#3
Chloromethane
Concen: 24.472 ug/L
RT: 2.146 min Scan# 95
Delta R.T. 0.000 min
Lab File: VD075427.D
Acq: 01 Mar 2023 14:34

Tgt Ion: 50 Resp: 227046
Ion Ratio Lower Upper
50 100
52 33.8 23.7 43.9

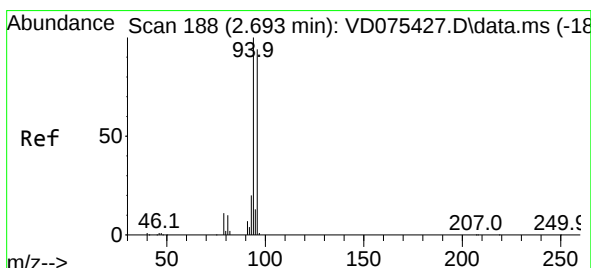
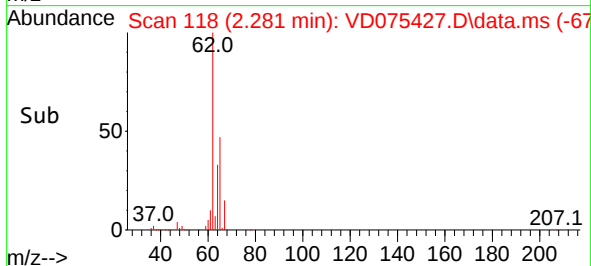
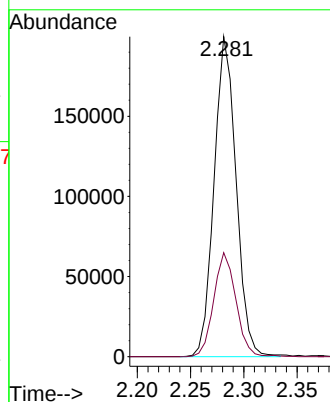
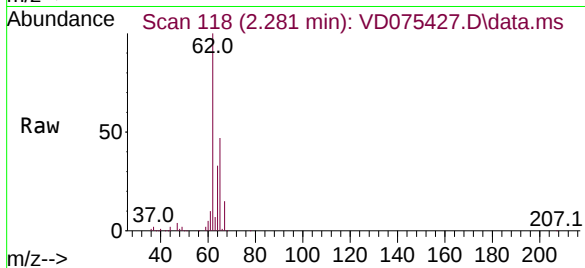




#5
Vinyl chloride
Concen: 24.585 ug/L
RT: 2.281 min Scan# 118
Delta R.T. 0.000 min
Lab File: VD075427.D
Acq: 01 Mar 2023 14:34

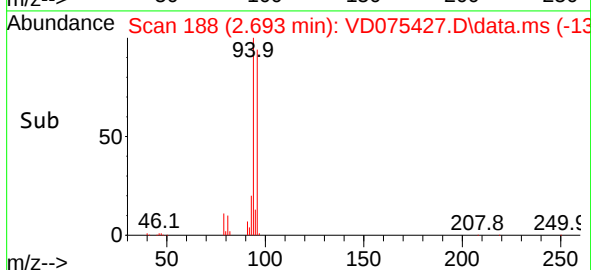
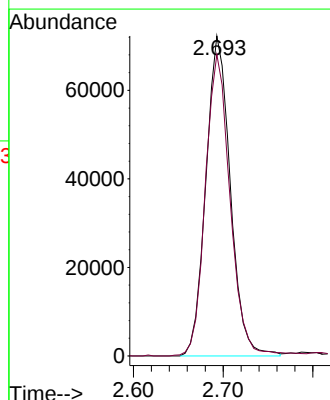
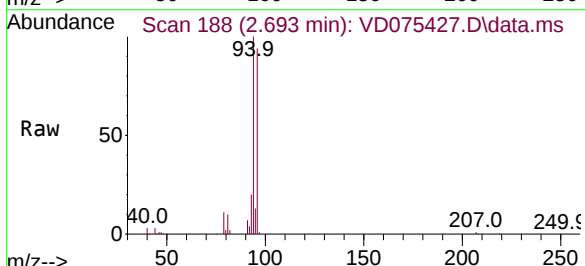
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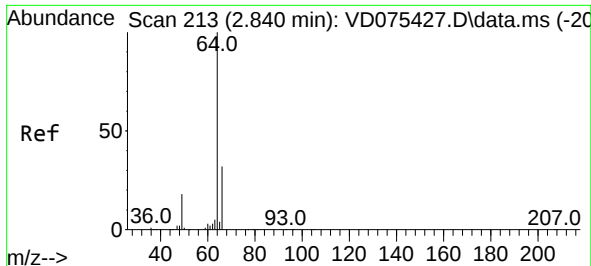
Tgt Ion: 62 Resp: 286849
Ion Ratio Lower Upper
62 100
64 32.5 22.7 42.3



#6
Bromomethane
Concen: 24.713 ug/L
RT: 2.693 min Scan# 188
Delta R.T. 0.000 min
Lab File: VD075427.D
Acq: 01 Mar 2023 14:34

Tgt Ion: 94 Resp: 136660
Ion Ratio Lower Upper
94 100
96 94.2 65.9 122.5

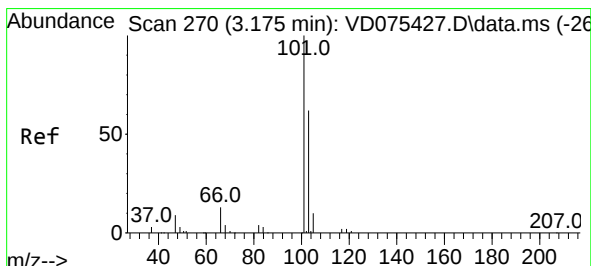
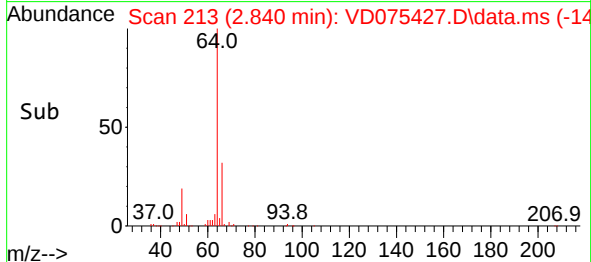
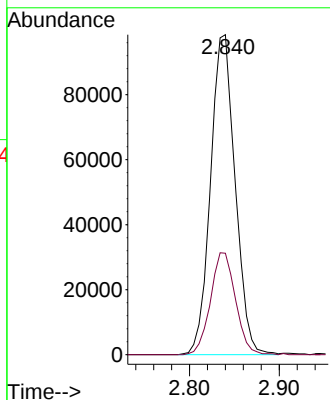
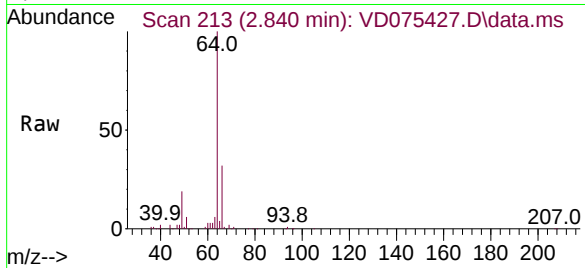




#8
Chloroethane
Concen: 25.319 ug/L
RT: 2.840 min Scan# 213
Delta R.T. 0.000 min
Lab File: VD075427.D
Acq: 01 Mar 2023 14:34

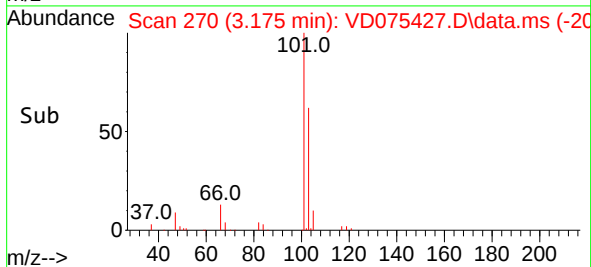
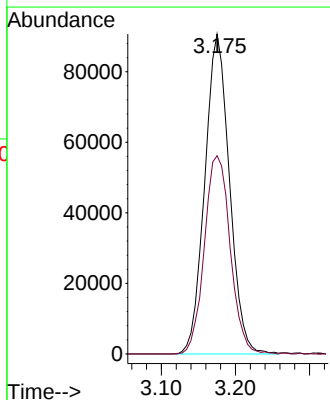
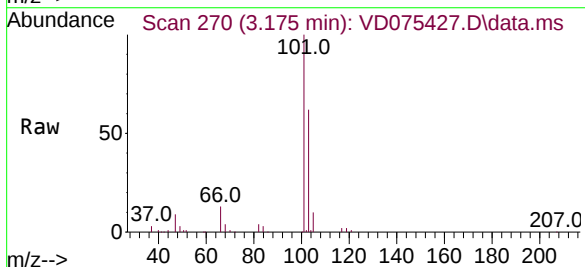
Instrument :
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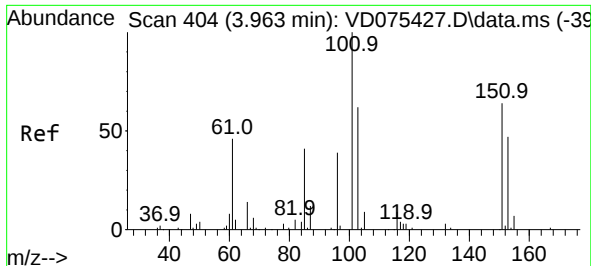
Tgt Ion: 64 Resp: 187539
Ion Ratio Lower Upper
64 100
66 31.7 22.2 41.2



#9
Trichlorofluoromethane
Concen: 24.018 ug/L
RT: 3.175 min Scan# 270
Delta R.T. 0.000 min
Lab File: VD075427.D
Acq: 01 Mar 2023 14:34

Tgt Ion:101 Resp: 209784
Ion Ratio Lower Upper
101 100
103 64.8 51.8 77.8

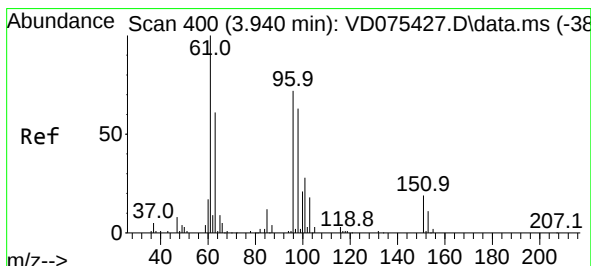
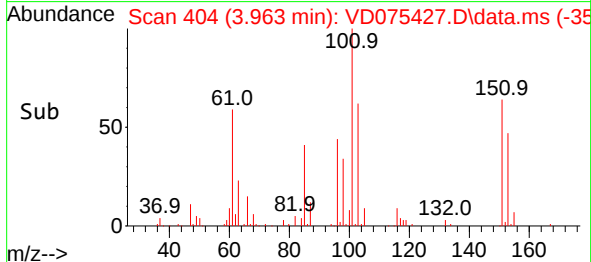
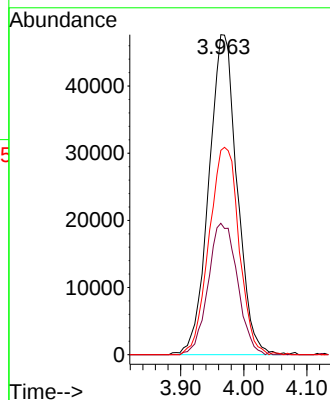
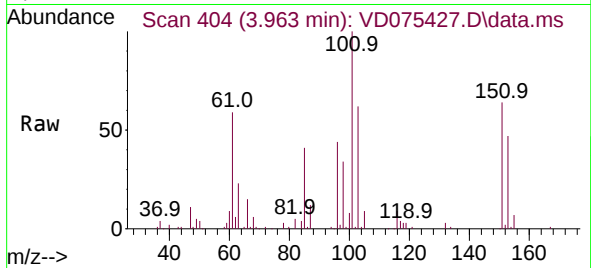




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 24.525 ug/L
 RT: 3.963 min Scan# 404
 Delta R.T. 0.000 min
 Lab File: VD075427.D
 Acq: 01 Mar 2023 14:34

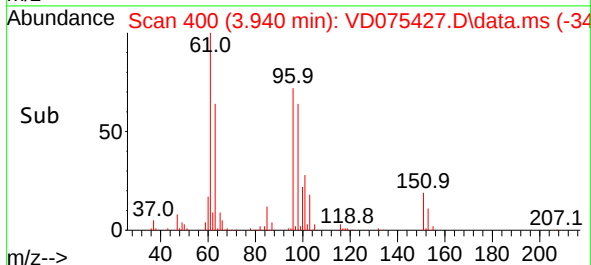
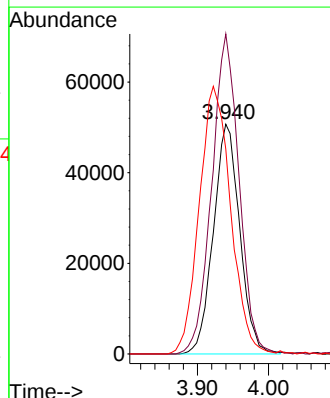
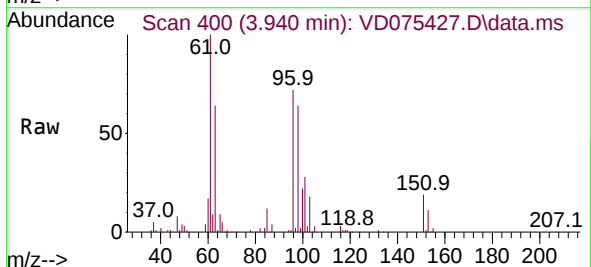
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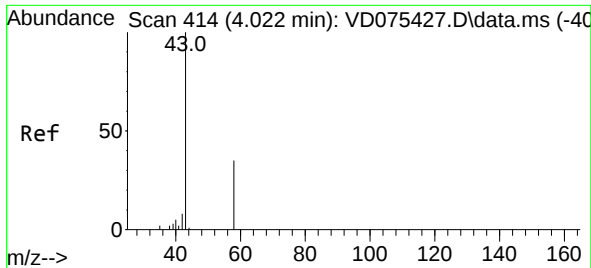
Tgt Ion:101 Resp: 147982
 Ion Ratio Lower Upper
 101 100
 85 42.5 34.0 51.0
 151 68.5 54.8 82.2



#12
 1,1-Dichloroethene
 Concen: 24.569 ug/L
 RT: 3.940 min Scan# 400
 Delta R.T. 0.000 min
 Lab File: VD075427.D
 Acq: 01 Mar 2023 14:34

Tgt Ion: 96 Resp: 130559
 Ion Ratio Lower Upper
 96 100
 61 139.3 97.5 181.1
 63 89.2 62.4 116.0





#13

Acetone

Concen: 45.040 ug/L

RT: 4.022 min Scan# 414

Delta R.T. 0.000 min

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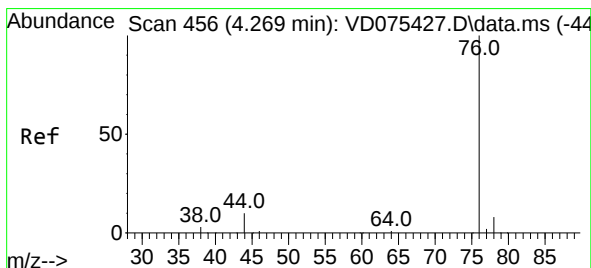
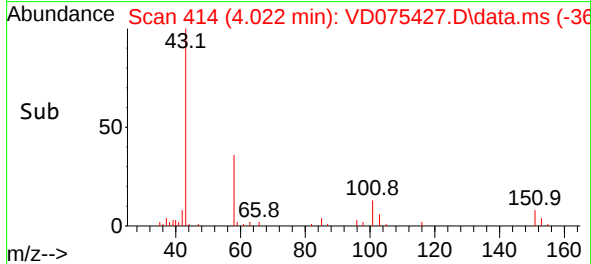
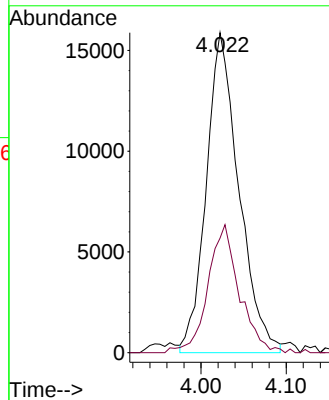
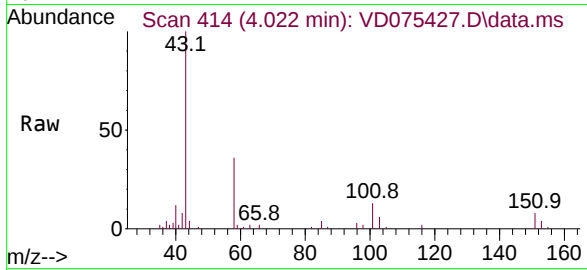
VSTD025113

Tgt Ion: 43 Resp: 42218

Ion Ratio Lower Upper

43 100

58 37.7 0.0 75.4



#14

Carbon disulfide

Concen: 24.381 ug/L

RT: 4.269 min Scan# 456

Delta R.T. 0.000 min

Lab File: VD075427.D

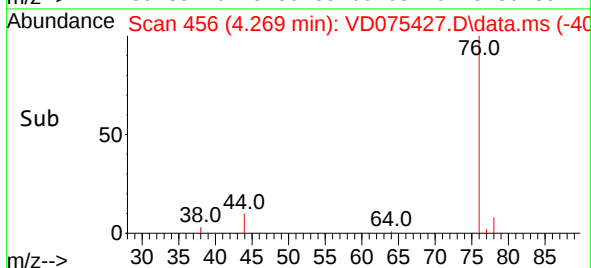
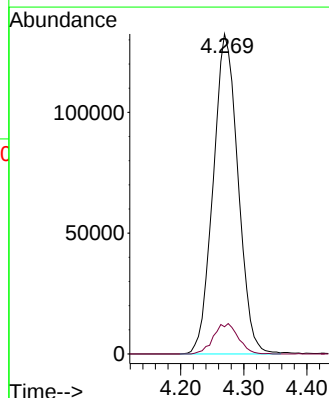
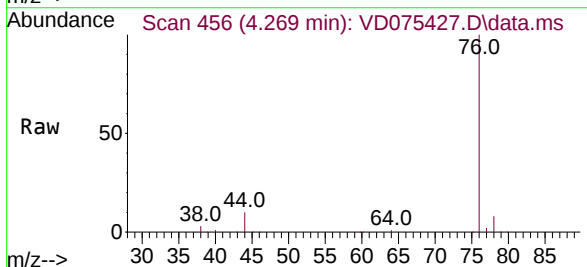
Acq: 01 Mar 2023 14:34

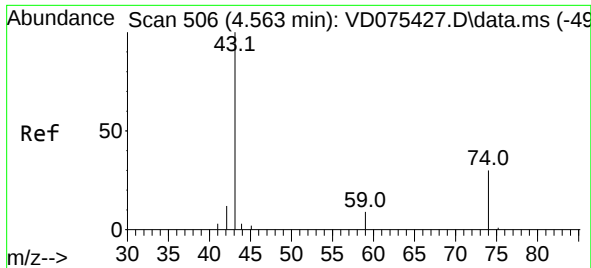
Tgt Ion: 76 Resp: 362226

Ion Ratio Lower Upper

76 100

78 8.5 6.8 10.2

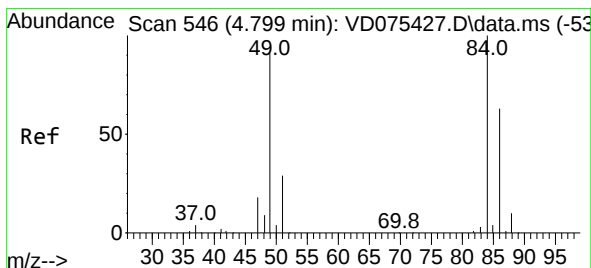
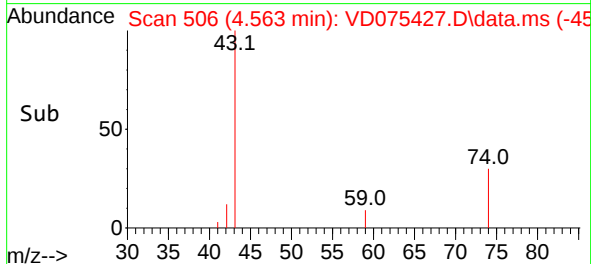
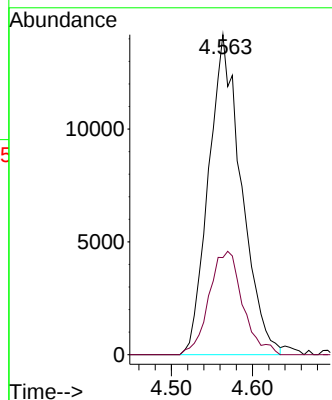
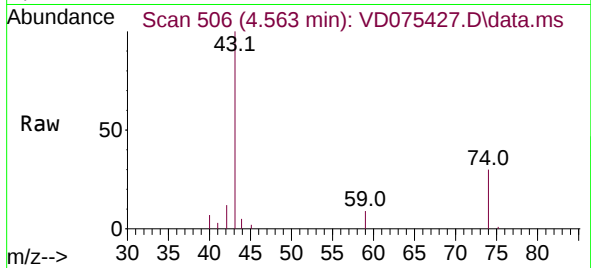




#15
Methyl Acetate
Concen: 25.071 ug/L
RT: 4.563 min Scan# 506
Delta R.T. 0.000 min
Lab File: VD075427.D
Acq: 01 Mar 2023 14:34

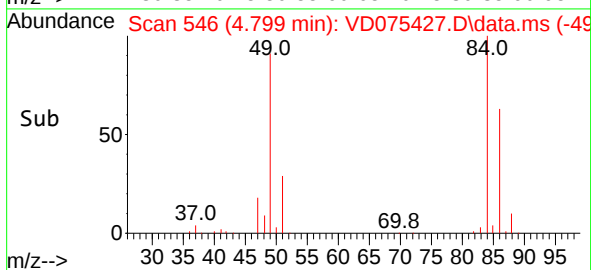
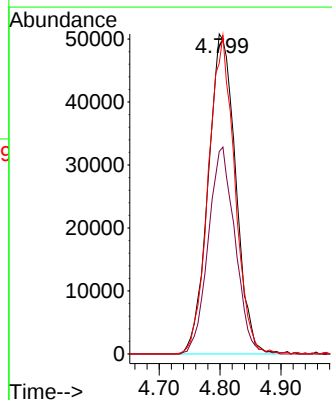
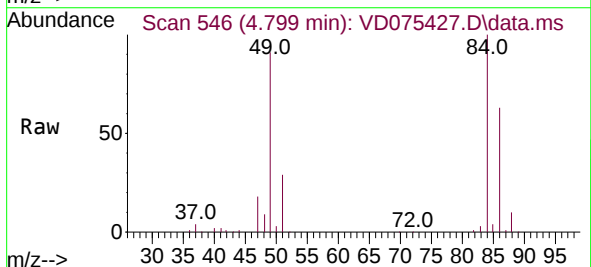
Instrument :
MSVOA_D
ClientSampleId :
VSTD025113

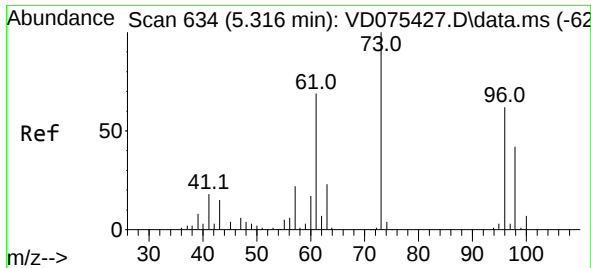
Tgt Ion: 43 Resp: 39909
Ion Ratio Lower Upper
43 100
74 32.1 25.7 38.5



#16
Methylene chloride
Concen: 20.975 ug/L
RT: 4.799 min Scan# 546
Delta R.T. 0.000 min
Lab File: VD075427.D
Acq: 01 Mar 2023 14:34

Tgt Ion: 84 Resp: 158921
Ion Ratio Lower Upper
84 100
86 63.2 44.2 82.2
49 90.9 63.6 118.2

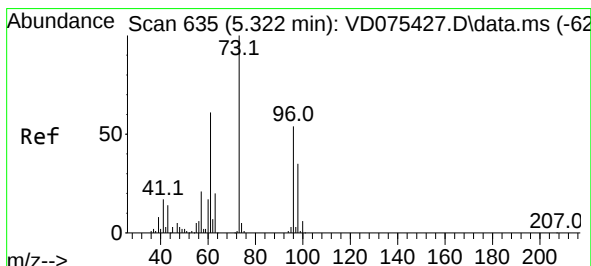
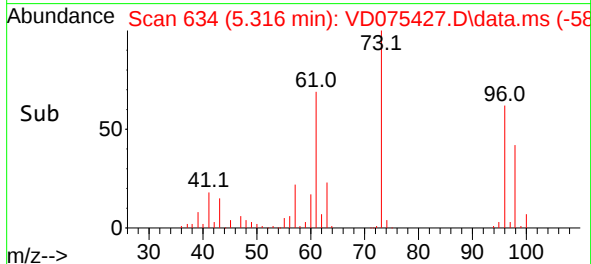
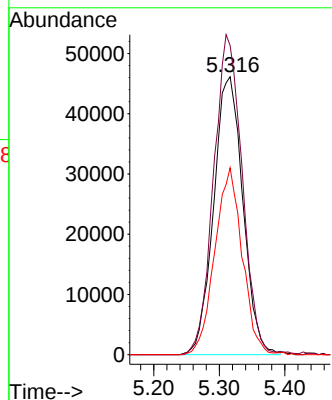
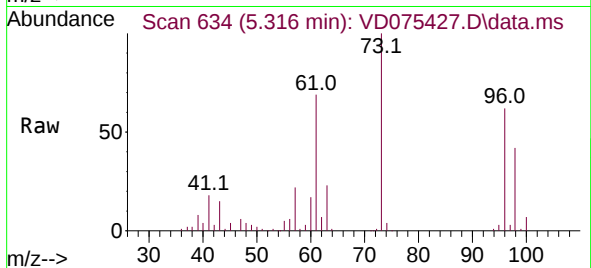




#17
trans-1,2-Dichloroethene
Concen: 25.074 ug/L
RT: 5.316 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD075427.D
Acq: 01 Mar 2023 14:34

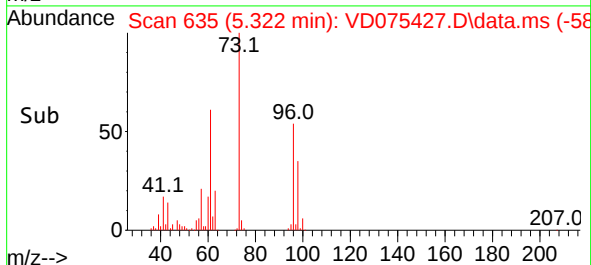
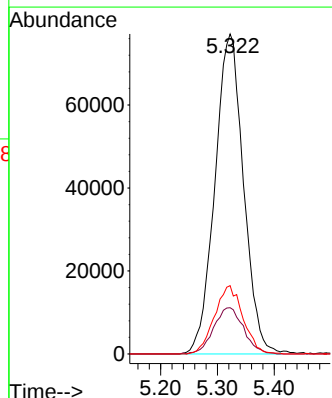
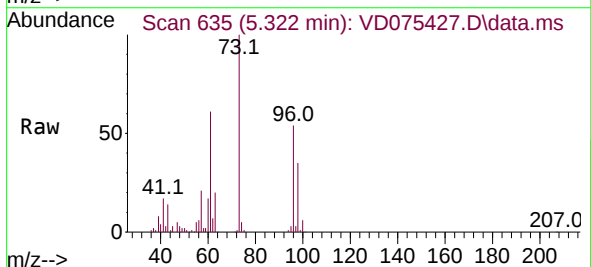
Instrument :
MSVOA_D
ClientSampleId :
VSTD025113

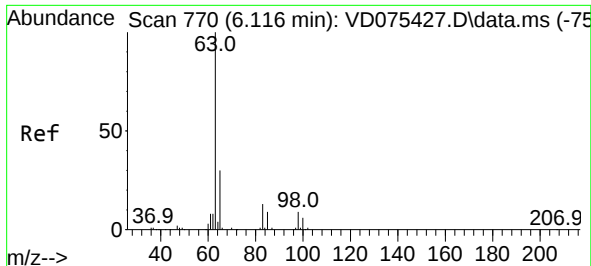
Tgt Ion: 96 Resp: 142804
Ion Ratio Lower Upper
96 100
61 111.2 77.8 144.6
98 67.2 47.0 87.4



#18
Methyl tert-butyl Ether
Concen: 25.478 ug/L
RT: 5.322 min Scan# 635
Delta R.T. 0.000 min
Lab File: VD075427.D
Acq: 01 Mar 2023 14:34

Tgt Ion: 73 Resp: 269668
Ion Ratio Lower Upper
73 100
43 15.1 12.1 18.1
57 21.2 17.0 25.4





#19

1,1-Dichloroethane

Concen: 25.405 ug/L

RT: 6.116 min Scan# 770

Delta R.T. 0.000 min

Lab File: VD075427.D

Acq: 01 Mar 2023 14:34

Instrument :

MSVOA_D

ClientSampleId :

VSTD025113

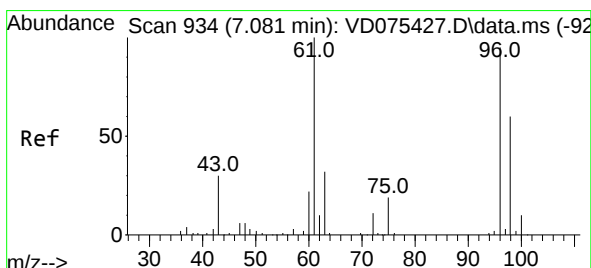
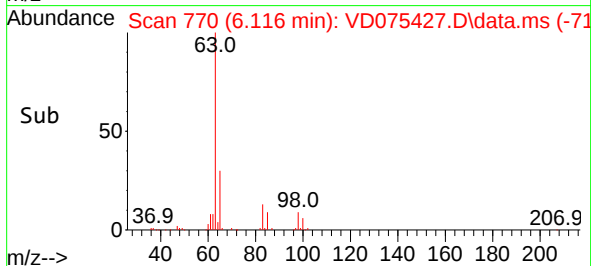
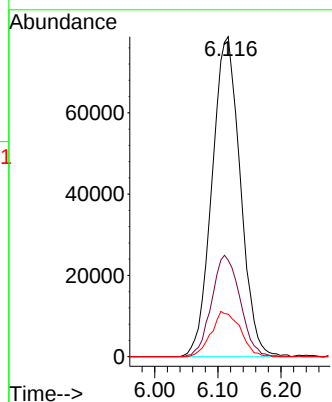
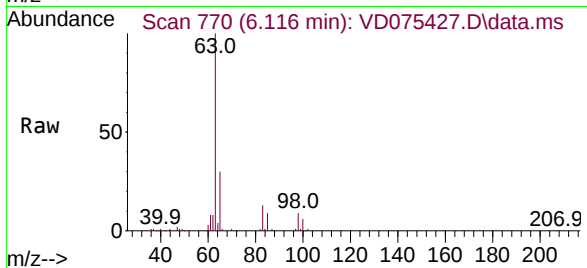
Tgt Ion: 63 Resp: 244768

Ion Ratio Lower Upper

63 100

65 30.2 21.1 39.3

83 13.3 9.3 17.3



#20

cis-1,2-Dichloroethene

Concen: 25.214 ug/L

RT: 7.081 min Scan# 934

Delta R.T. 0.000 min

Lab File: VD075427.D

Acq: 01 Mar 2023 14:34

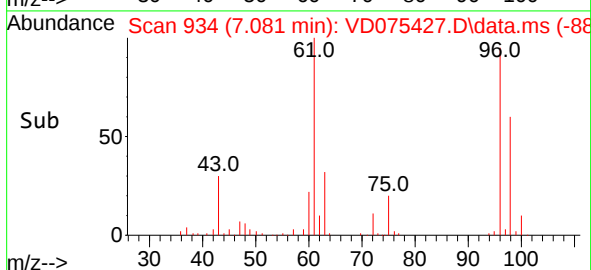
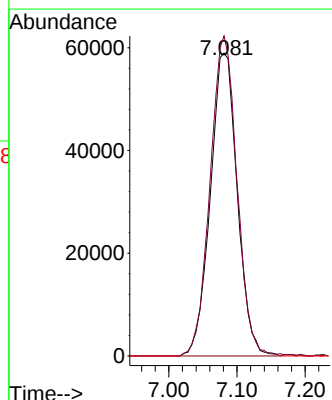
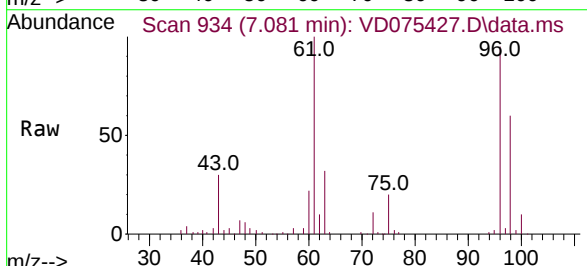
Tgt Ion: 96 Resp: 162223

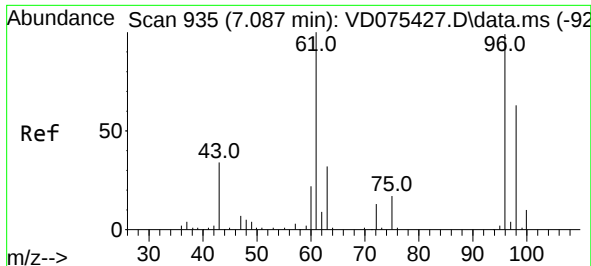
Ion Ratio Lower Upper

96 100

61 105.6 73.9 137.3

68 0.0 0.0 0.0





#22

2-Butanone

Concen: 46.227 ug/L

RT: 7.087 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD075427.D

Acq: 01 Mar 2023 14:34

Instrument :

MSVOA_D

ClientSampleId :

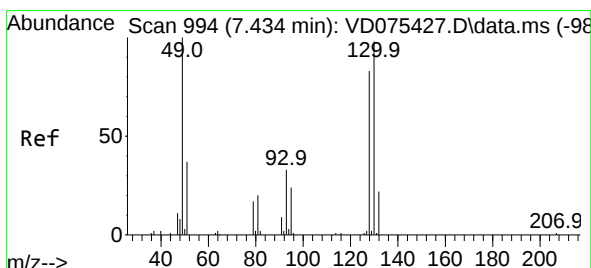
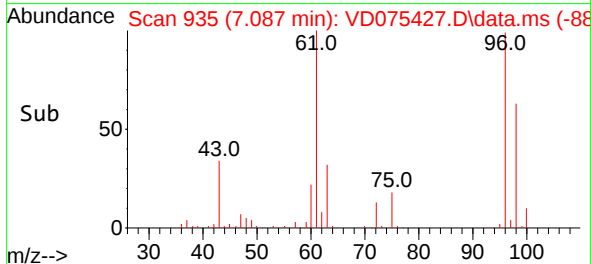
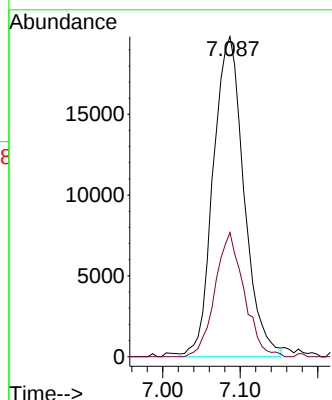
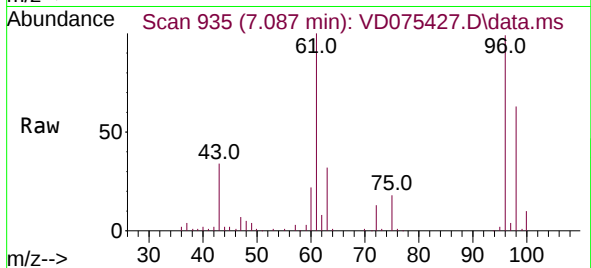
VSTD025113

Tgt Ion: 43 Resp: 54675

Ion Ratio Lower Upper

43 100

72 36.6 18.3 54.9



#23

Bromochloromethane

Concen: 25.686 ug/L

RT: 7.434 min Scan# 994

Delta R.T. 0.000 min

Lab File: VD075427.D

Acq: 01 Mar 2023 14:34

Tgt Ion: 128 Resp: 70800

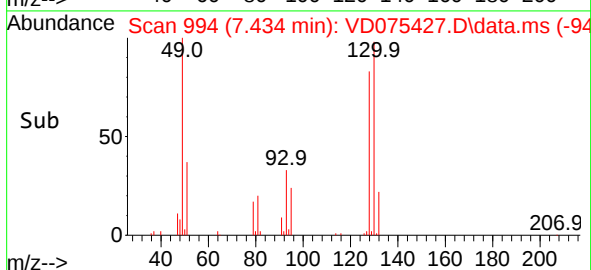
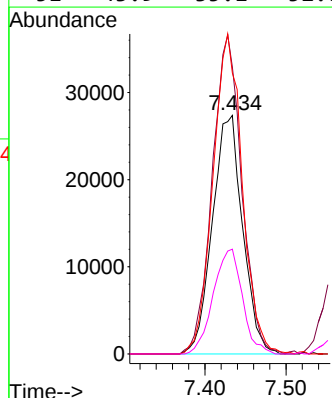
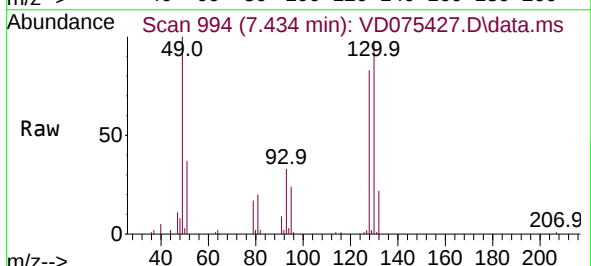
Ion Ratio Lower Upper

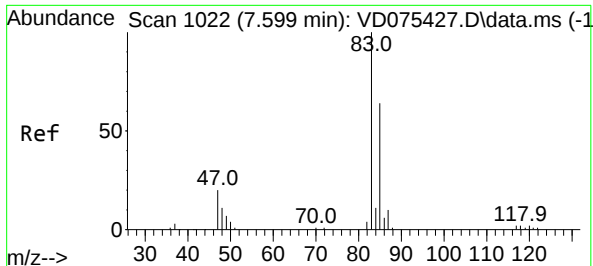
128 100

49 120.3 84.2 156.4

130 117.8 82.5 153.1

51 43.9 35.1 52.7





#25

Chloroform

Concen: 25.087 ug/L

RT: 7.599 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VD075427.D

Acq: 01 Mar 2023 14:34

Instrument :

MSVOA_D

ClientSampleId :

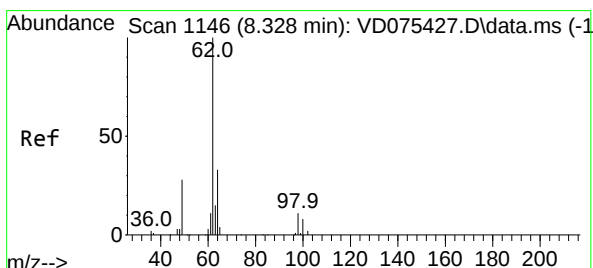
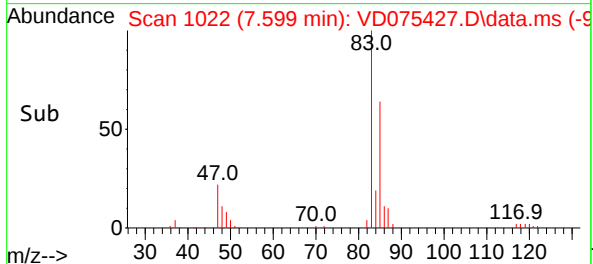
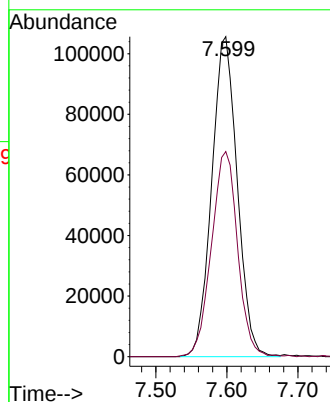
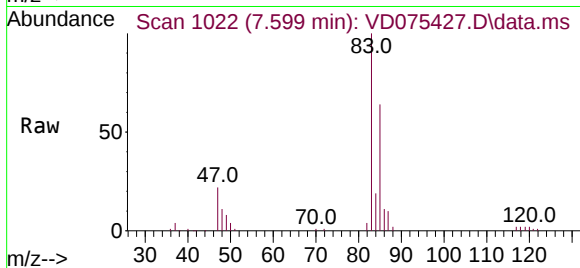
VSTD025113

Tgt Ion: 83 Resp: 263553

Ion Ratio Lower Upper

83 100

85 64.1 44.9 83.3



#27

1,2-Dichloroethane

Concen: 25.471 ug/L

RT: 8.328 min Scan# 1146

Delta R.T. 0.000 min

Lab File: VD075427.D

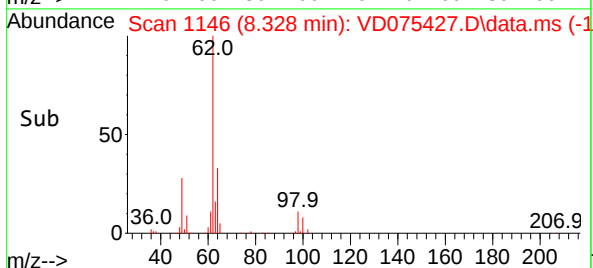
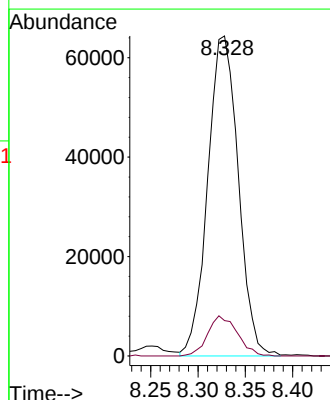
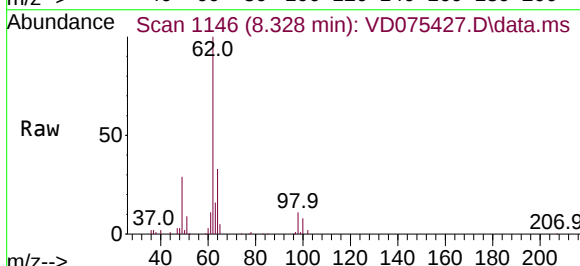
Acq: 01 Mar 2023 14:34

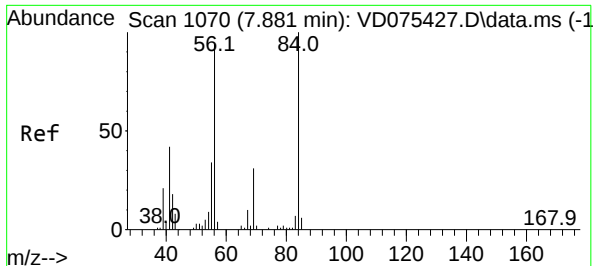
Tgt Ion: 62 Resp: 144299

Ion Ratio Lower Upper

62 100

98 11.0 8.8 13.2





#29

Cyclohexane

Concen: 25.581 ug/L

RT: 7.881 min Scan# 1070

Delta R.T. 0.000 min

Lab File: VD075427.D

Acq: 01 Mar 2023 14:34

Instrument :

MSVOA_D

ClientSampleId :

VSTD025113

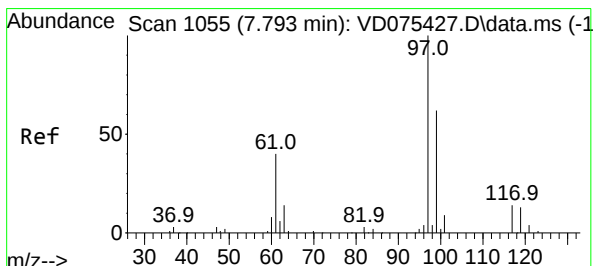
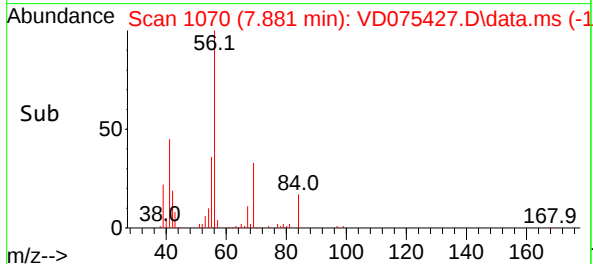
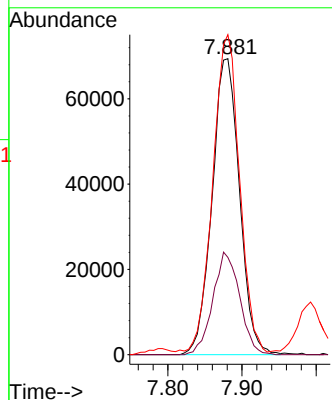
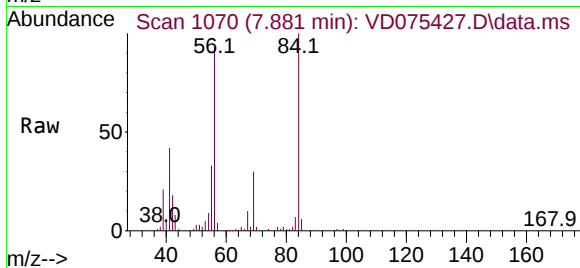
Tgt Ion: 56 Resp: 178502

Ion Ratio Lower Upper

56 100

69 33.8 27.0 40.6

84 106.3 85.0 127.6



#30

1,1,1-Trichloroethane

Concen: 24.808 ug/L

RT: 7.793 min Scan# 1055

Delta R.T. 0.000 min

Lab File: VD075427.D

Acq: 01 Mar 2023 14:34

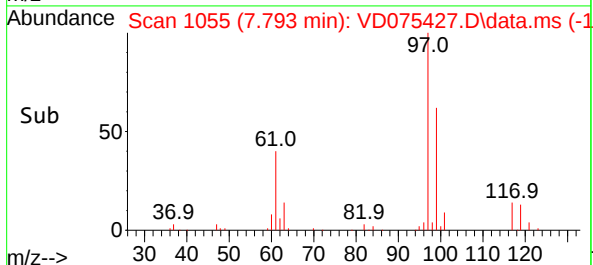
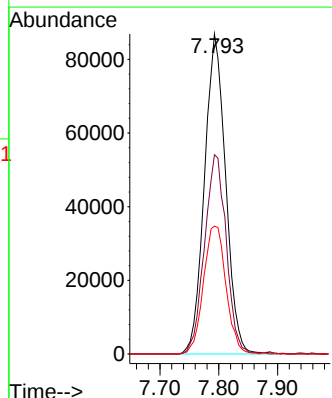
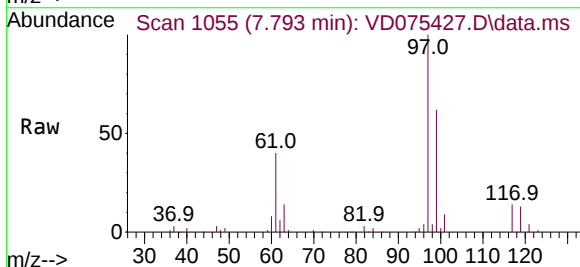
Tgt Ion: 97 Resp: 217527

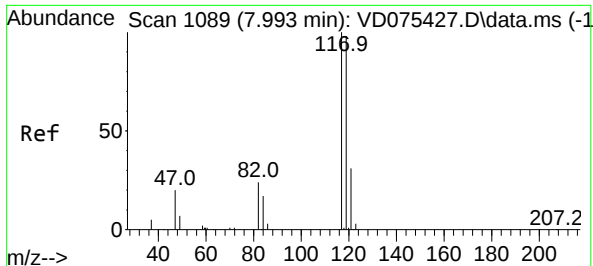
Ion Ratio Lower Upper

97 100

99 63.7 51.0 76.4

61 42.5 34.0 51.0

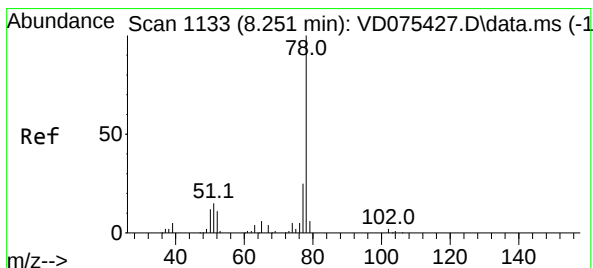
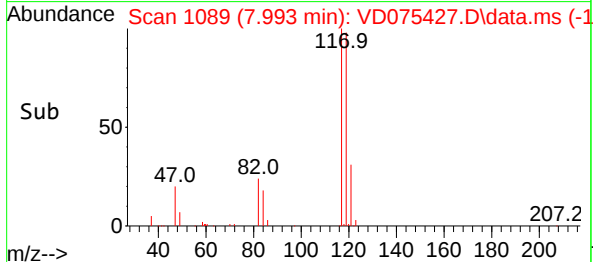
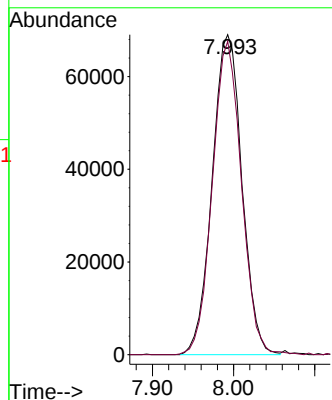
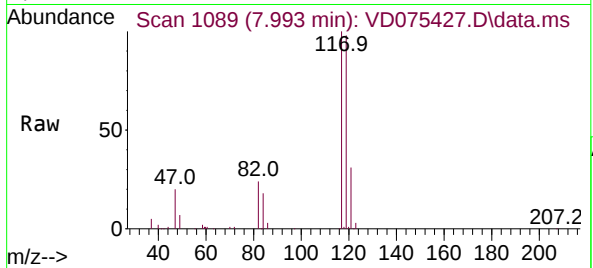




#31
Carbon tetrachloride
Concen: 25.254 ug/L
RT: 7.993 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD075427.D
Acq: 01 Mar 2023 14:34

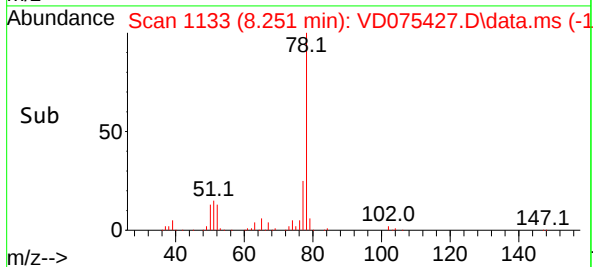
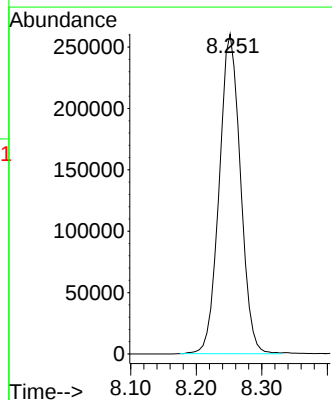
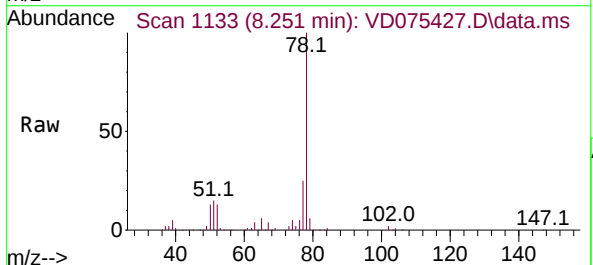
Instrument :
MSVOA_D
ClientSampleId :
VSTD025113

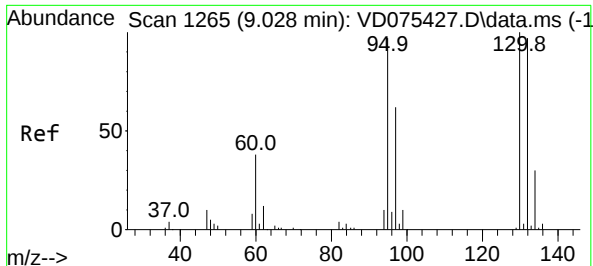
Tgt Ion:117 Resp: 175886
Ion Ratio Lower Upper
117 100
119 95.2 76.2 114.2



#33
Benzene
Concen: 24.961 ug/L
RT: 8.251 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VD075427.D
Acq: 01 Mar 2023 14:34

Tgt Ion: 78 Resp: 584997

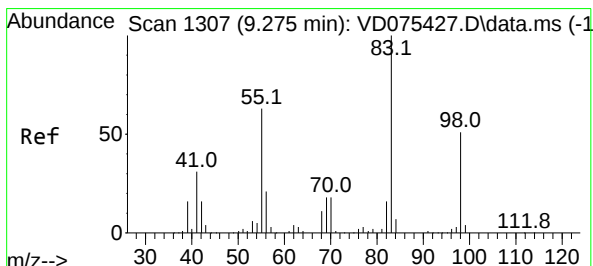
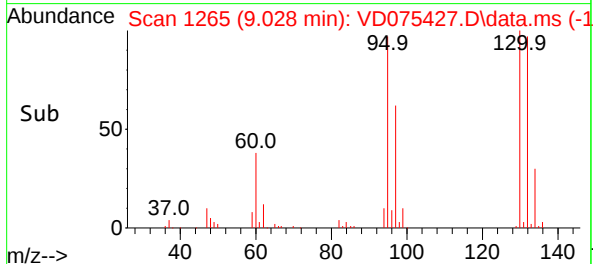
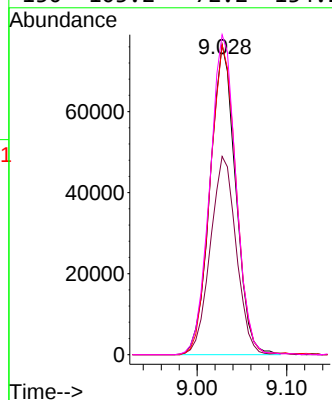
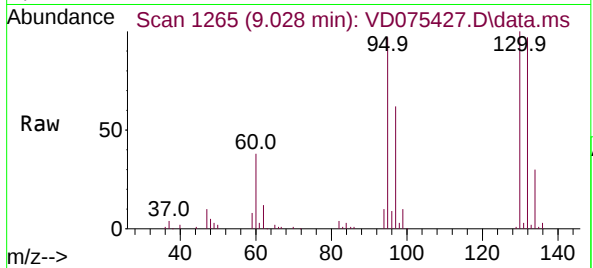




#34
Trichloroethene
Concen: 24.698 ug/L
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD075427.D
Acq: 01 Mar 2023 14:34

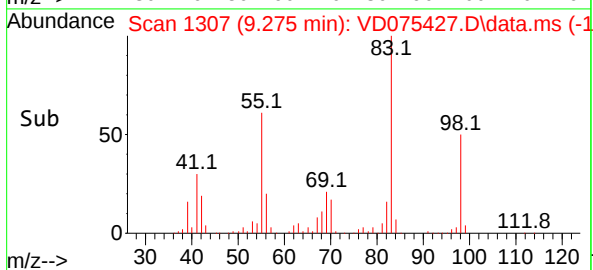
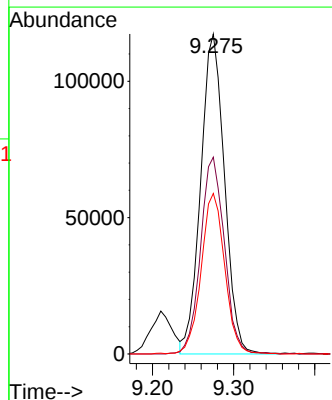
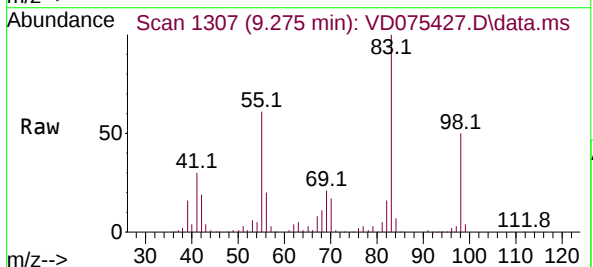
Instrument :
MSVOA_D
ClientSampleId :
VSTD025113

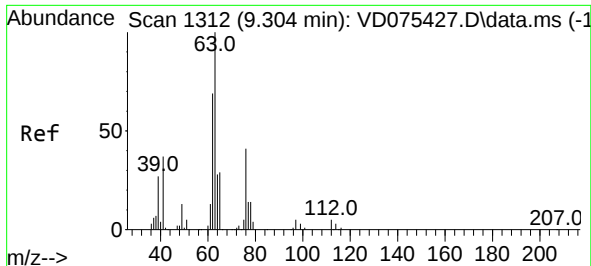
Tgt Ion: 95 Resp: 151163
Ion Ratio Lower Upper
95 100
97 63.9 44.7 83.1
132 100.0 70.0 130.0
130 103.2 72.2 134.2



#35
Methylcyclohexane
Concen: 25.038 ug/L
RT: 9.275 min Scan# 1307
Delta R.T. 0.000 min
Lab File: VD075427.D
Acq: 01 Mar 2023 14:34

Tgt Ion: 83 Resp: 239084
Ion Ratio Lower Upper
83 100
55 61.6 49.3 73.9
98 49.7 39.8 59.6

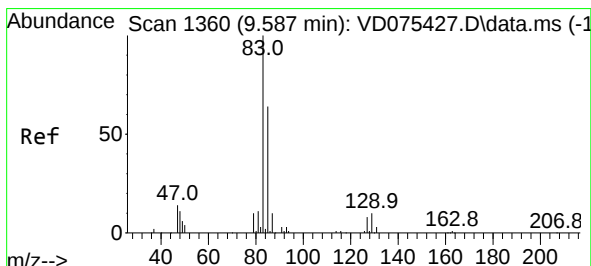
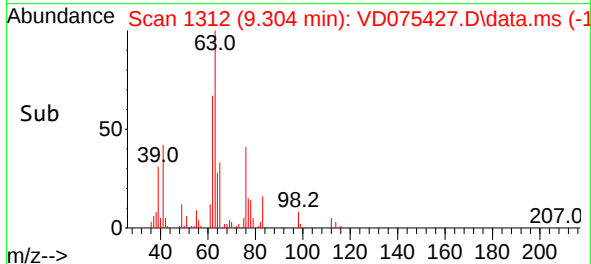
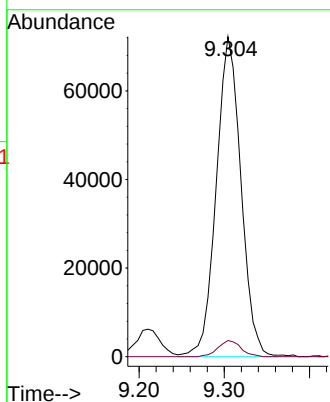
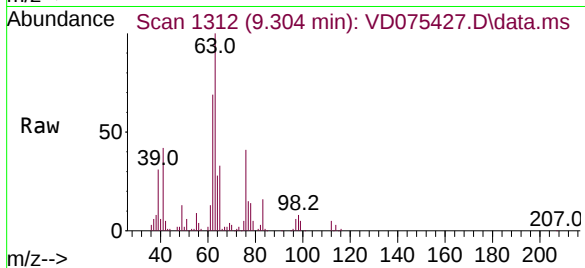




#37
1,2-Dichloropropane
Concen: 25.267 ug/L
RT: 9.304 min Scan# 1312
Delta R.T. 0.000 min
Lab File: VD075427.D
Acq: 01 Mar 2023 14:34

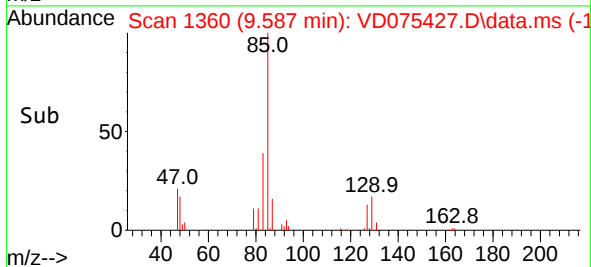
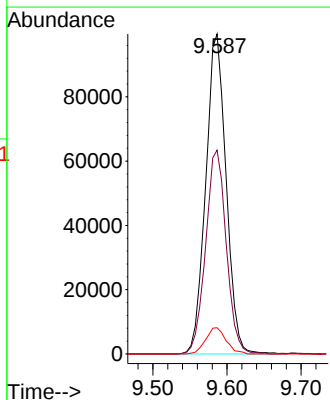
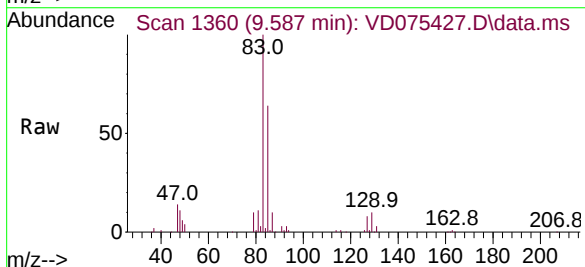
Instrument :
MSVOA_D
ClientSampleId :
VSTD025113

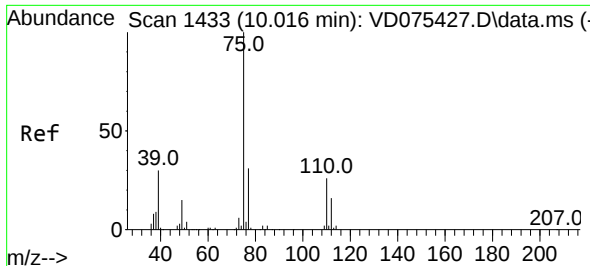
Tgt Ion: 63 Resp: 145514
Ion Ratio Lower Upper
63 100
112 4.7 3.8 5.6



#38
Bromodichloromethane
Concen: 24.970 ug/L
RT: 9.587 min Scan# 1360
Delta R.T. 0.000 min
Lab File: VD075427.D
Acq: 01 Mar 2023 14:34

Tgt Ion: 83 Resp: 190228
Ion Ratio Lower Upper
83 100
85 63.7 44.6 82.8
127 8.2 6.6 9.8

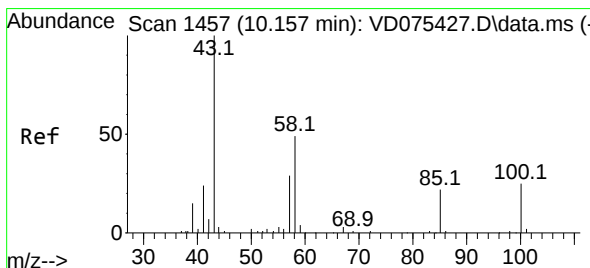
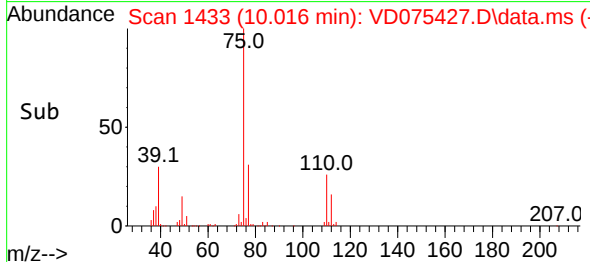
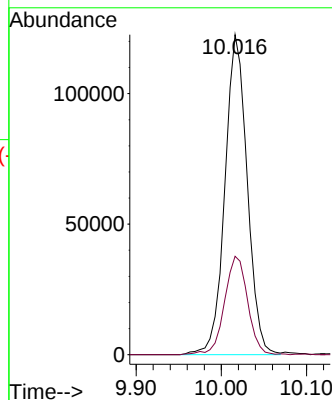
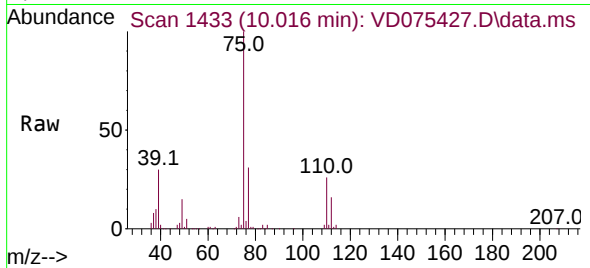




#39
 cis-1,3-Dichloropropene
 Concen: 25.256 ug/L
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD075427.D
 Acq: 01 Mar 2023 14:34

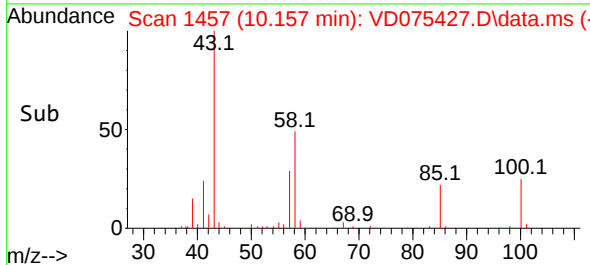
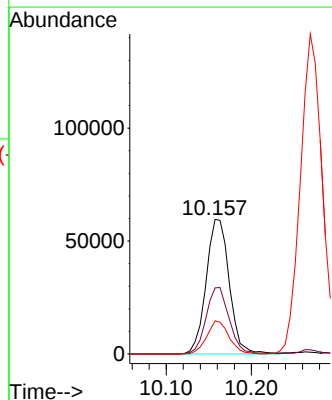
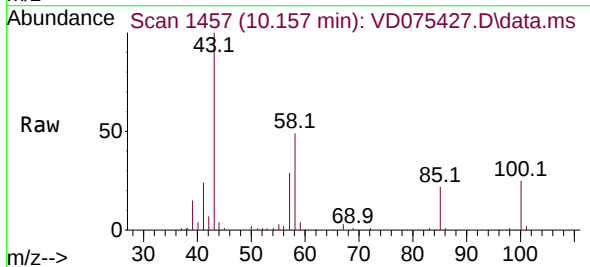
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025113

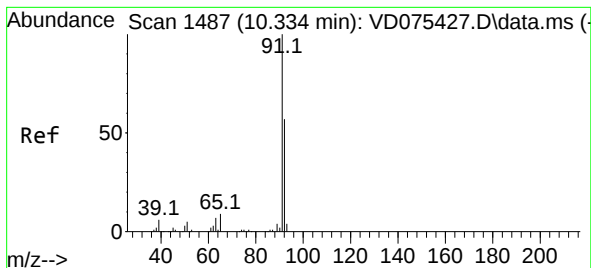
Tgt Ion: 75 Resp: 222597
 Ion Ratio Lower Upper
 75 100
 77 30.8 21.6 40.0



#40
 4-Methyl-2-pentanone
 Concen: 50.981 ug/L
 RT: 10.157 min Scan# 1457
 Delta R.T. 0.000 min
 Lab File: VD075427.D
 Acq: 01 Mar 2023 14:34

Tgt Ion: 43 Resp: 112595
 Ion Ratio Lower Upper
 43 100
 58 48.8 39.0 58.6
 100 23.4 18.7 28.1





#42

Toluene

Concen: 26.073 ug/L

RT: 10.334 min Scan# 1487

Delta R.T. 0.000 min

Lab File: VD075427.D

Acq: 01 Mar 2023 14:34

Instrument :

MSVOA_D

ClientSampleId :

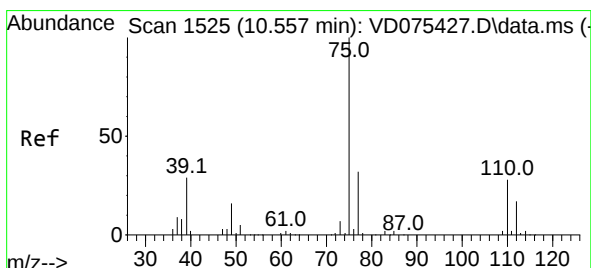
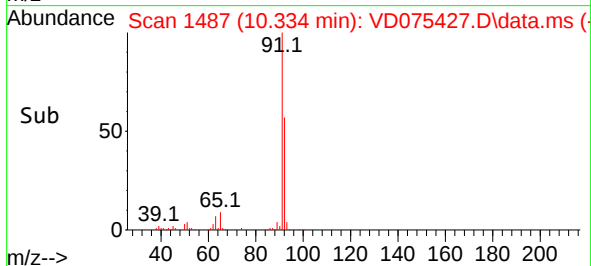
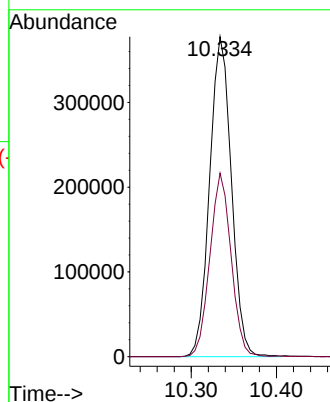
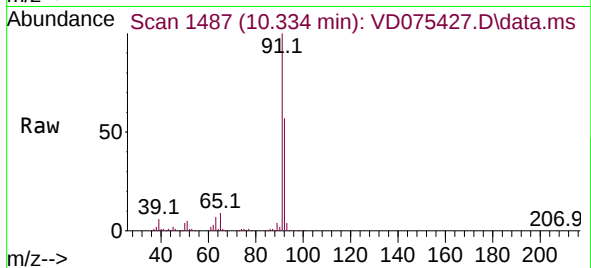
VSTD025113

Tgt Ion: 91 Resp: 669263

Ion Ratio Lower Upper

91 100

92 57.4 40.2 74.6



#44

trans-1,3-Dichloropropene

Concen: 25.695 ug/L

RT: 10.557 min Scan# 1525

Delta R.T. 0.000 min

Lab File: VD075427.D

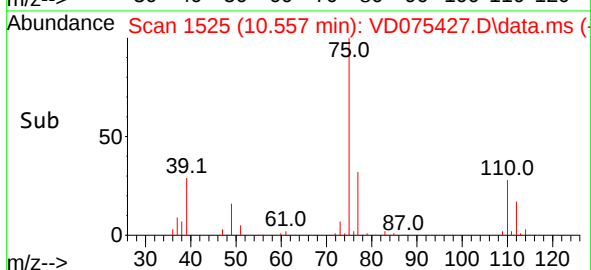
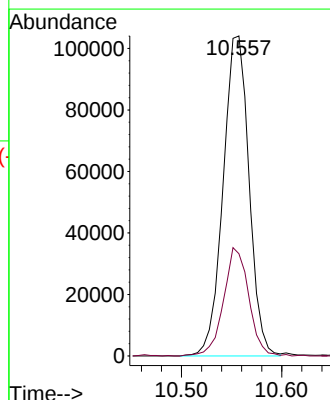
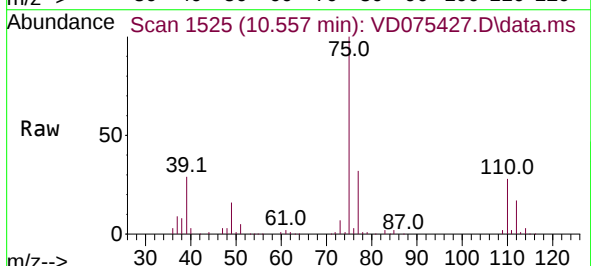
Acq: 01 Mar 2023 14:34

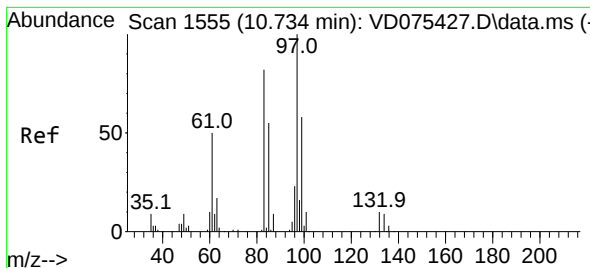
Tgt Ion: 75 Resp: 186588

Ion Ratio Lower Upper

75 100

77 32.0 22.4 41.6





#45

1,1,2-Trichloroethane

Concen: 25.599 ug/L

RT: 10.734 min Scan# 1555

Delta R.T. 0.000 min

Lab File: VD075427.D

Acq: 01 Mar 2023 14:34

Instrument :

MSVOA_D

ClientSampleId :

VSTD025113

Tgt Ion: 97 Resp: 117751

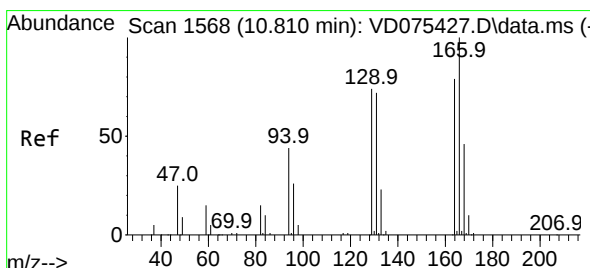
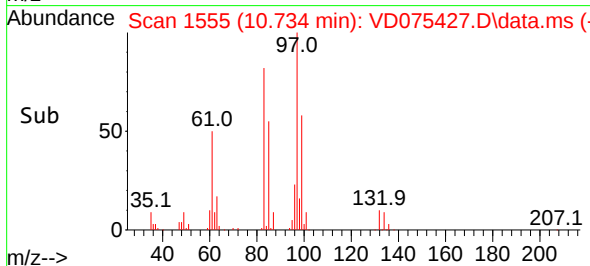
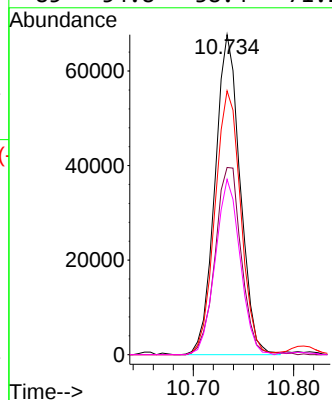
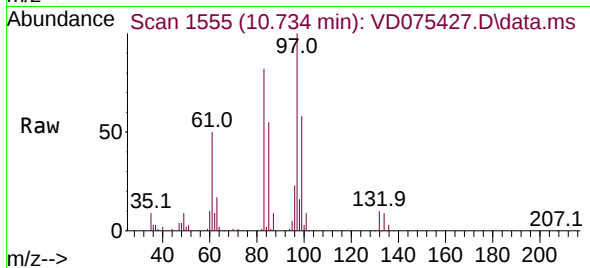
Ion Ratio Lower Upper

97 100

99 58.5 40.9 76.0

83 82.4 57.7 107.1

85 54.8 38.4 71.2



#46

Tetrachloroethene

Concen: 24.551 ug/L

RT: 10.810 min Scan# 1568

Delta R.T. 0.000 min

Lab File: VD075427.D

Acq: 01 Mar 2023 14:34

Tgt Ion: 164 Resp: 115143

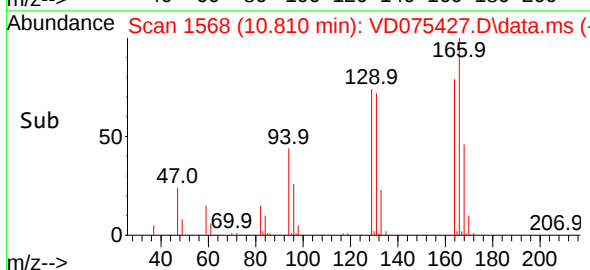
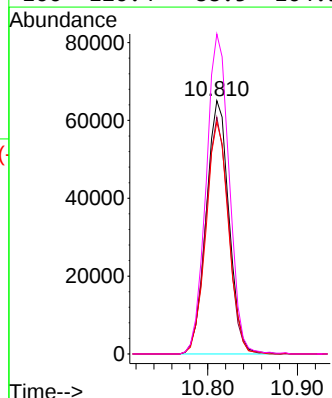
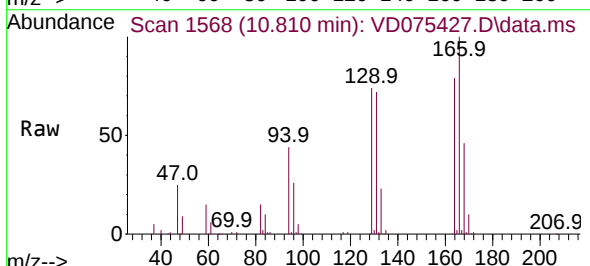
Ion Ratio Lower Upper

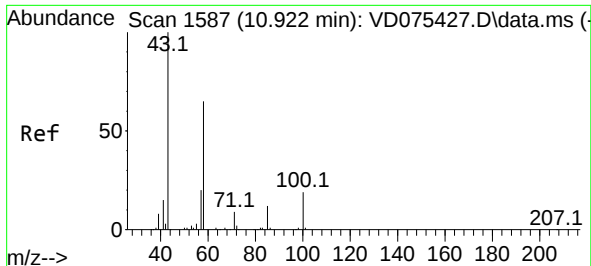
164 100

129 93.4 65.4 121.4

131 91.6 64.1 119.1

166 126.4 88.5 164.3

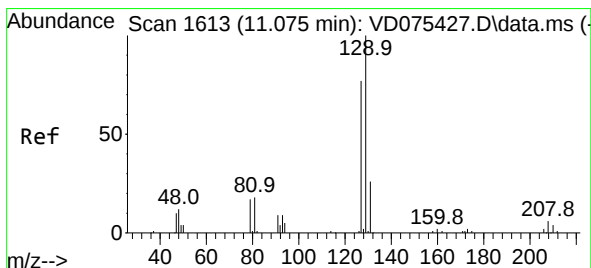
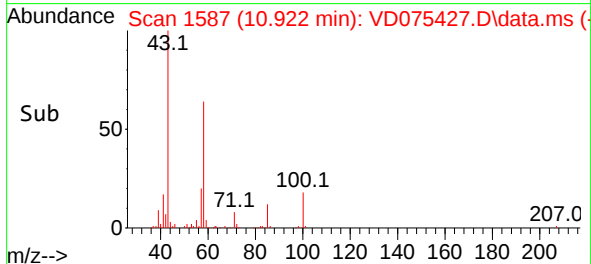
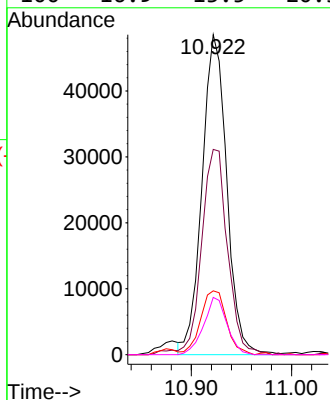
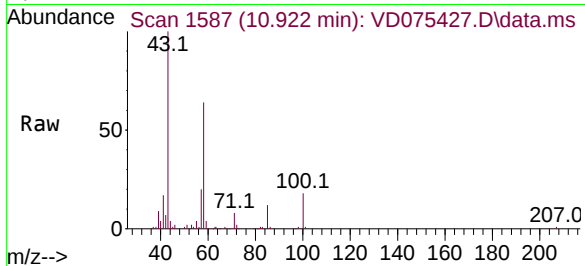




#48
2-Hexanone
Concen: 51.250 ug/L
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD075427.D
Acq: 01 Mar 2023 14:34

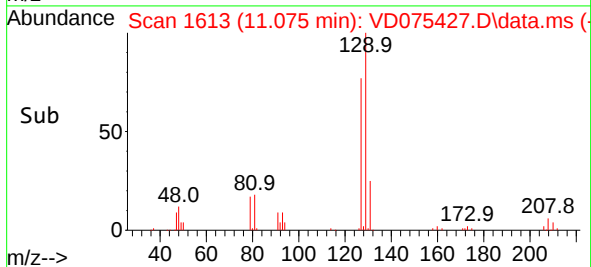
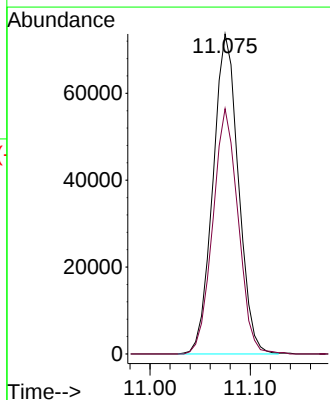
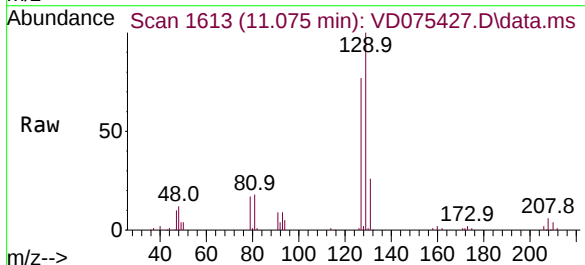
Instrument :
MSVOA_D
ClientSampleId :
VSTD025113

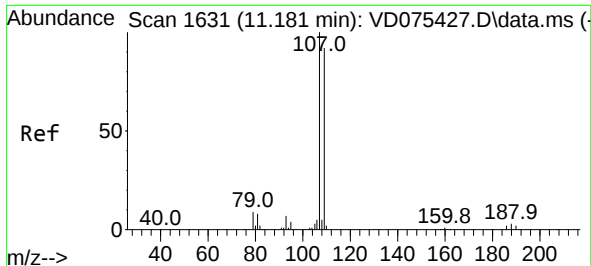
Tgt Ion: 43	Resp: 83279
Ion Ratio	Lower Upper
43 100	
58 66.4	53.1 79.7
57 20.9	16.7 25.1
100 16.9	13.5 20.3



#49
Dibromochloromethane
Concen: 25.806 ug/L
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD075427.D
Acq: 01 Mar 2023 14:34

Tgt Ion:129	Resp: 129665		
Ion Ratio	Lower	Upper	
129 100			
127 76.7	53.7	99.7	

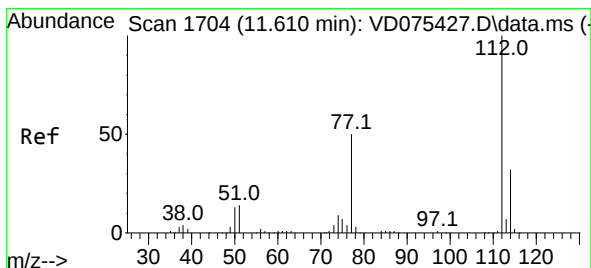
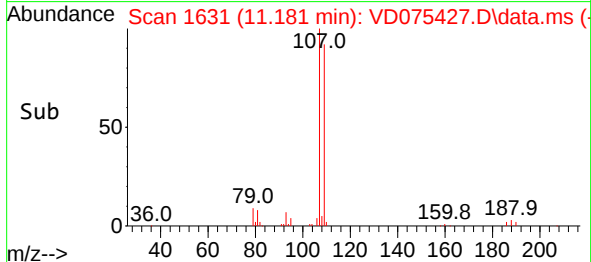
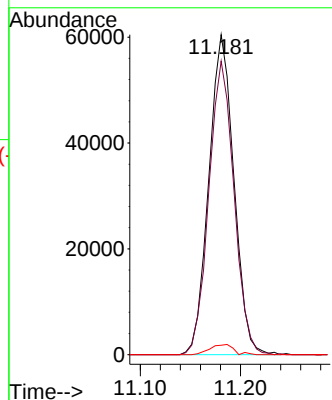
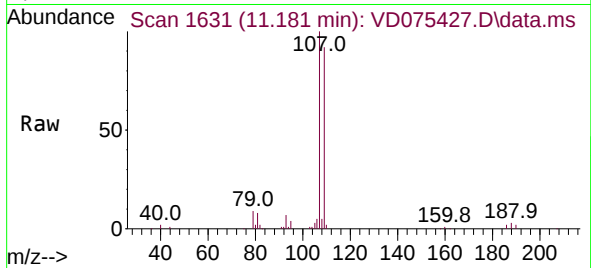




#50
1,2-Dibromoethane
Concen: 25.328 ug/L
RT: 11.181 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VD075427.D
Acq: 01 Mar 2023 14:34

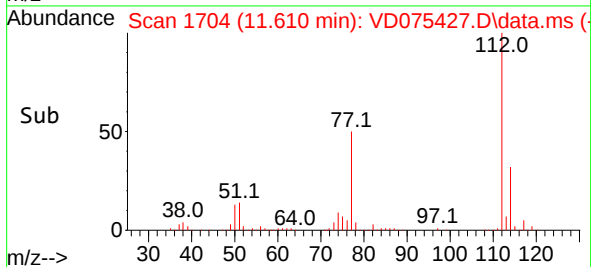
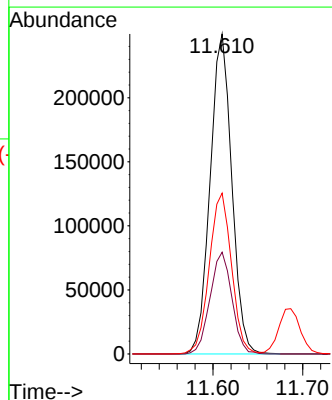
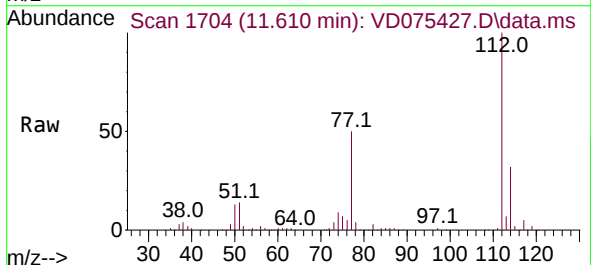
Instrument :
MSVOA_D
ClientSampleId :
VSTD025113

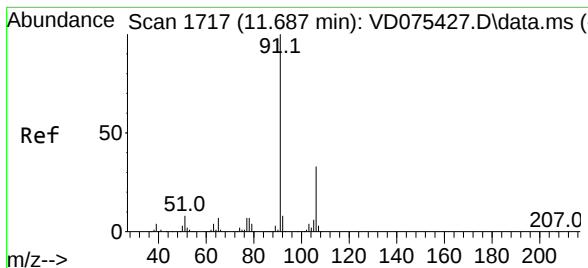
Tgt Ion:107 Resp: 105310
Ion Ratio Lower Upper
107 100
109 91.7 64.2 119.2
188 2.9 2.3 3.5



#51
Chlorobenzene
Concen: 25.079 ug/L
RT: 11.610 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VD075427.D
Acq: 01 Mar 2023 14:34

Tgt Ion:112 Resp: 418235
Ion Ratio Lower Upper
112 100
114 31.8 22.3 41.3
77 50.2 40.2 60.2

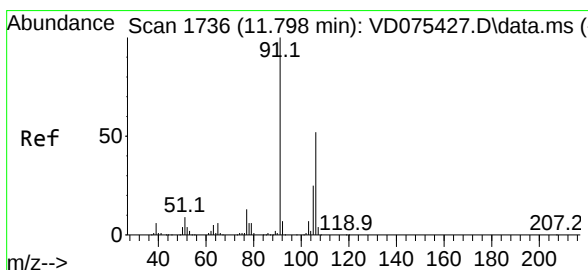
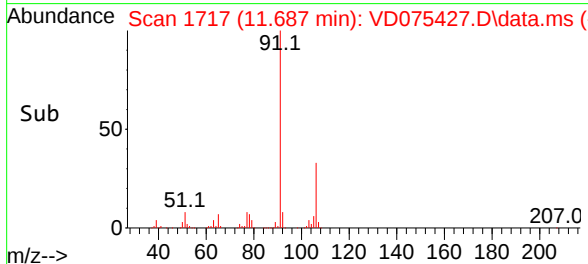
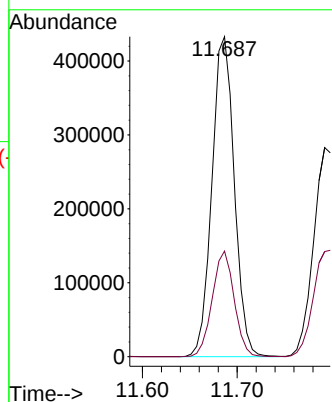
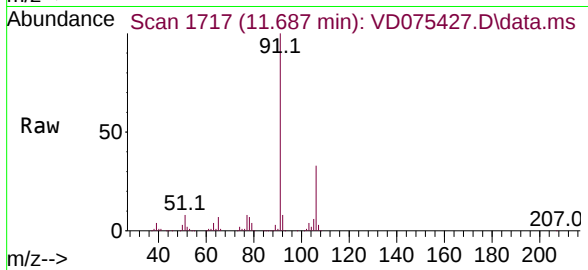




#52
Ethylbenzene
Concen: 26.018 ug/L
RT: 11.687 min Scan# 1717
Delta R.T. 0.000 min
Lab File: VD075427.D
Acq: 01 Mar 2023 14:34

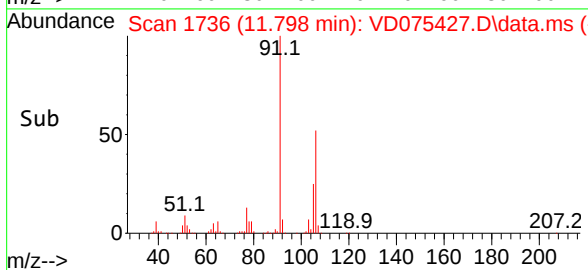
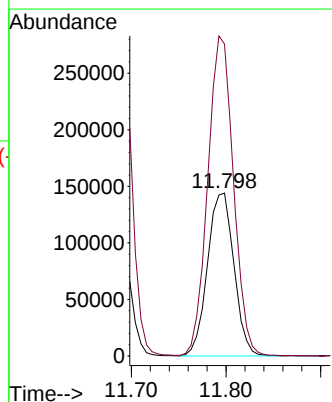
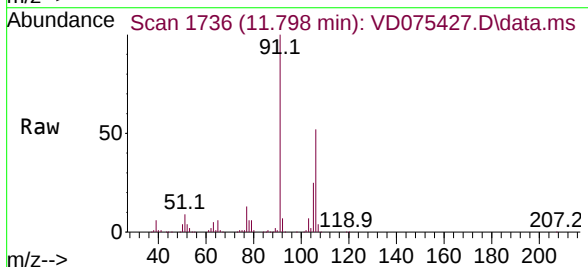
Instrument :
MSVOA_D
ClientSampleId :
VSTD025113

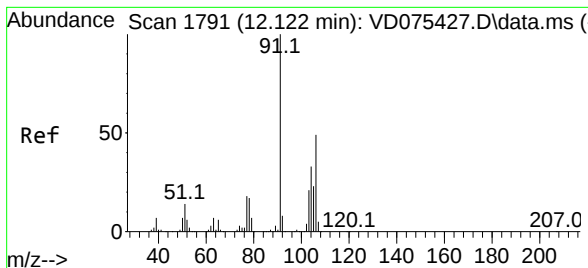
Tgt Ion: 91 Resp: 709907
Ion Ratio Lower Upper
91 100
106 33.0 23.1 42.9



#53
m,p-Xylene
Concen: 26.050 ug/L
RT: 11.798 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VD075427.D
Acq: 01 Mar 2023 14:34

Tgt Ion: 106 Resp: 280049
Ion Ratio Lower Upper
106 100
91 191.6 134.1 249.1

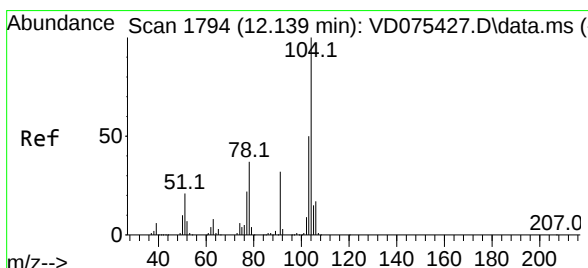
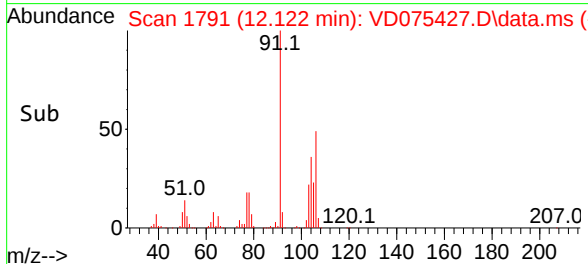
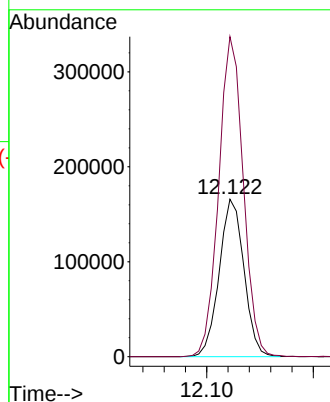
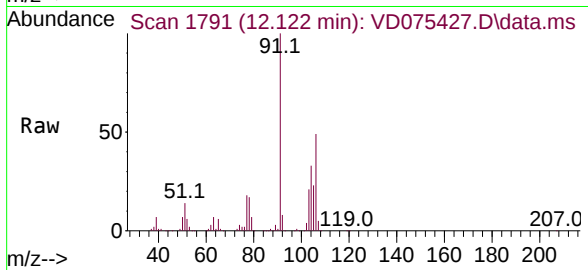




#54
o-Xylene
Concen: 26.287 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD075427.D
Acq: 01 Mar 2023 14:34

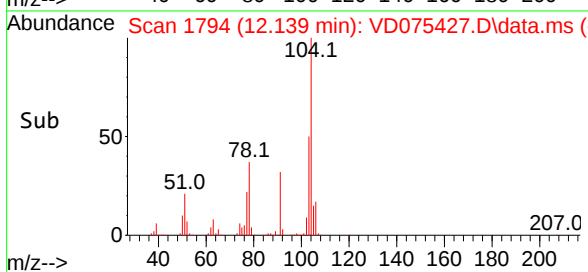
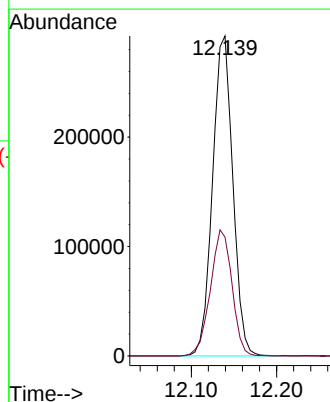
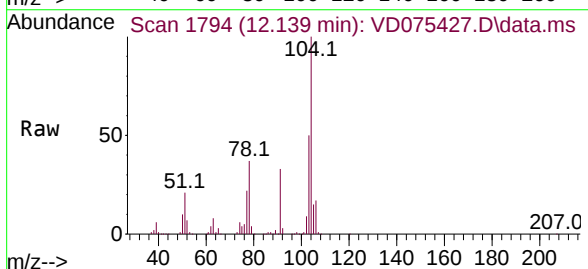
Instrument :
MSVOA_D
ClientSampleId :
VSTD025113

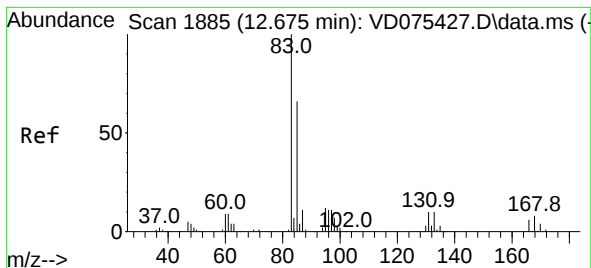
Tgt Ion:106 Resp: 267325
Ion Ratio Lower Upper
106 100
91 203.3 142.3 264.3



#55
Styrene
Concen: 26.752 ug/L
RT: 12.139 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VD075427.D
Acq: 01 Mar 2023 14:34

Tgt Ion:104 Resp: 483177
Ion Ratio Lower Upper
104 100
78 37.1 26.0 48.2

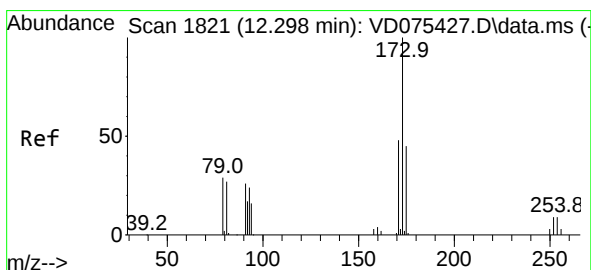
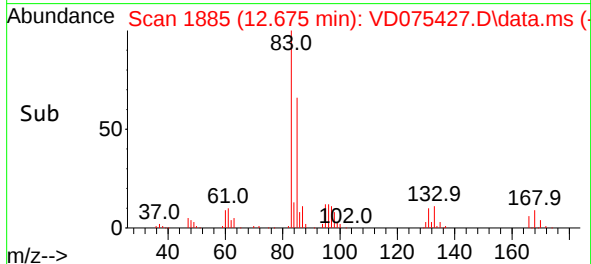
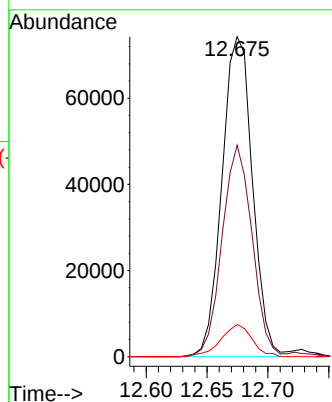
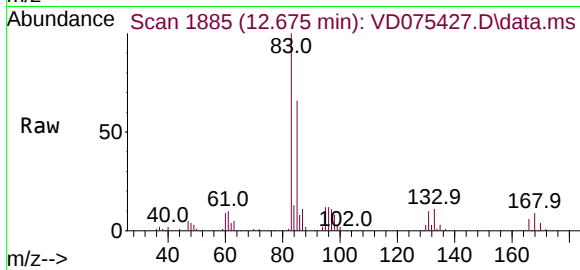




#57
1,1,2-Tetrachloroethane
Concen: 25.655 ug/L
RT: 12.675 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VD075427.D
Acq: 01 Mar 2023 14:34

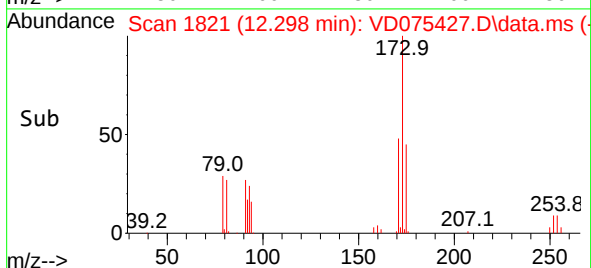
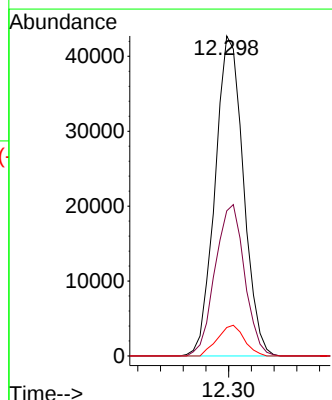
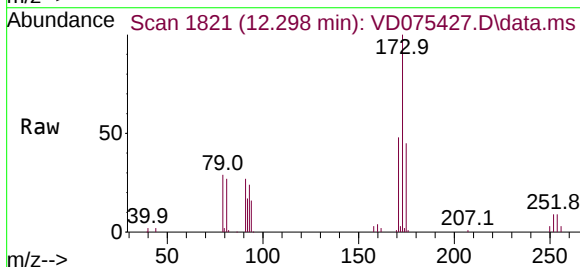
Instrument :
MSVOA_D
ClientSampleId :
VSTD025113

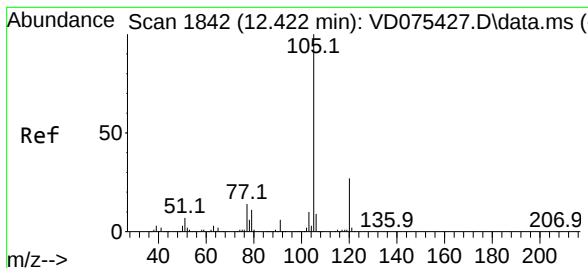
Tgt Ion: 83 Resp: 129155
Ion Ratio Lower Upper
83 100
85 66.1 46.3 85.9
131 10.1 8.1 12.1



#59
Bromoform
Concen: 24.331 ug/L
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD075427.D
Acq: 01 Mar 2023 14:34

Tgt Ion: 173 Resp: 74044
Ion Ratio Lower Upper
173 100
175 49.1 39.3 58.9
254 9.1 7.3 10.9





#60

Isopropylbenzene

Concen: 25.418 ug/L

RT: 12.422 min Scan# 1842

Delta R.T. 0.000 min

Lab File: VD075427.D

Acq: 01 Mar 2023 14:34

Instrument :

MSVOA_D

ClientSampleId :

VSTD025113

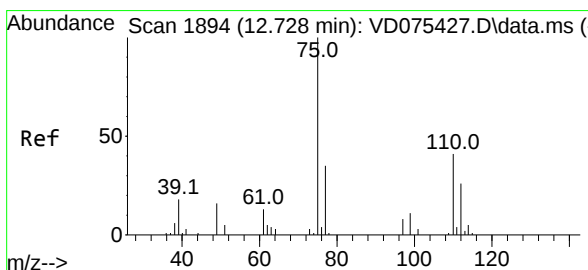
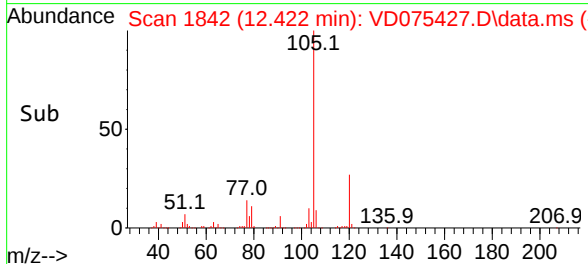
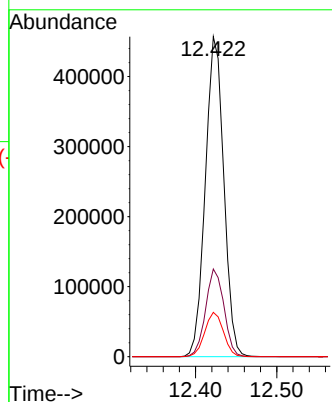
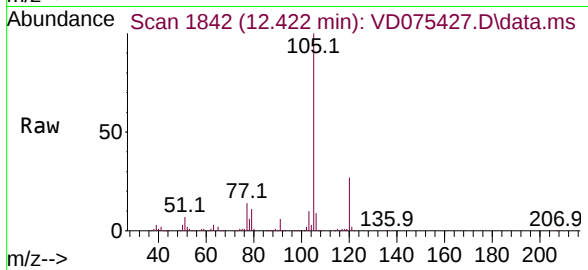
Tgt Ion:105 Resp: 720961

Ion Ratio Lower Upper

105 100

120 27.2 21.8 32.6

77 14.1 11.3 16.9



#61

1,2,3-Trichloropropane

Concen: 24.134 ug/L

RT: 12.728 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VD075427.D

Acq: 01 Mar 2023 14:34

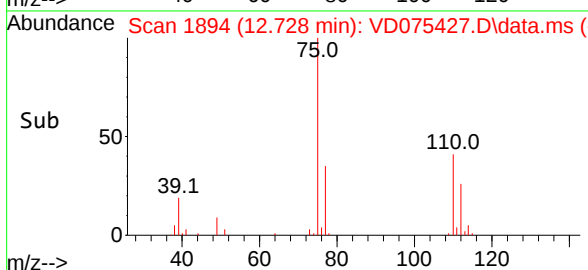
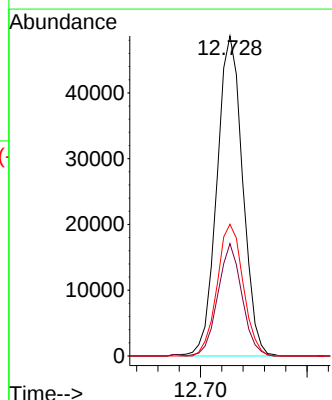
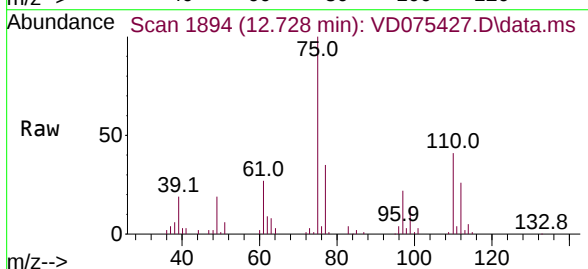
Tgt Ion: 75 Resp: 81589

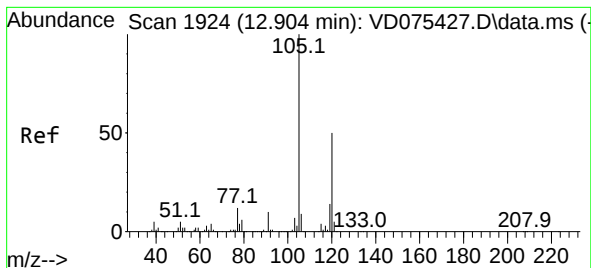
Ion Ratio Lower Upper

75 100

77 32.8 26.2 39.4

110 41.5 33.2 49.8

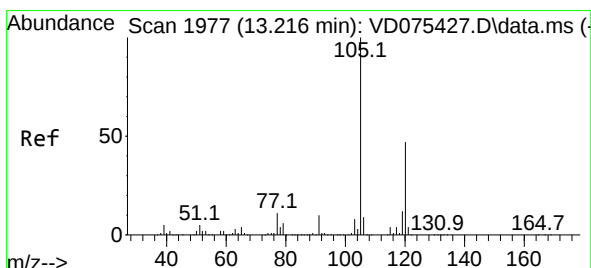
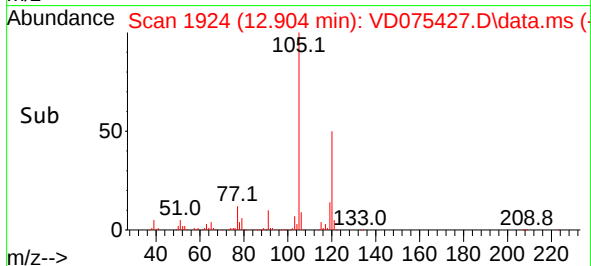
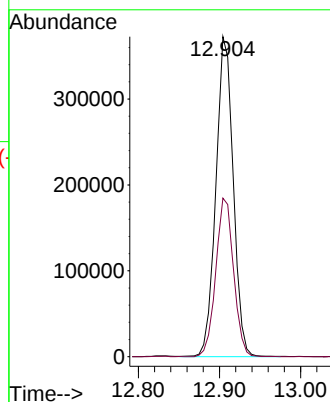
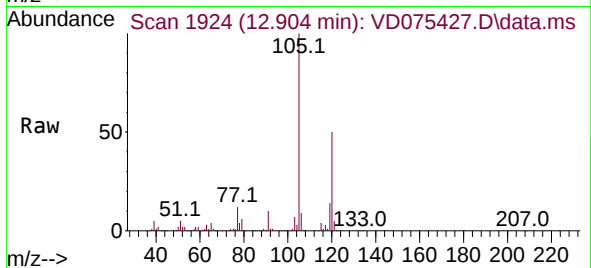




#62
1,3,5-Trimethylbenzene
Concen: 26.028 ug/L
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD075427.D
Acq: 01 Mar 2023 14:34

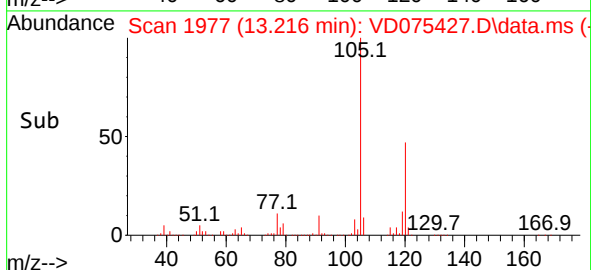
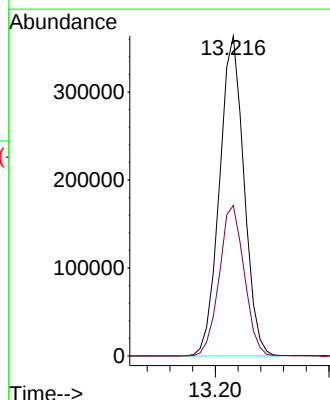
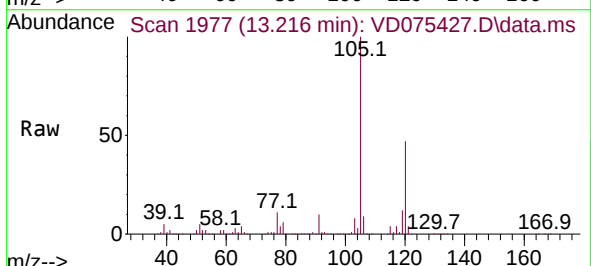
Instrument :
MSVOA_D
ClientSampleId :
VSTD025113

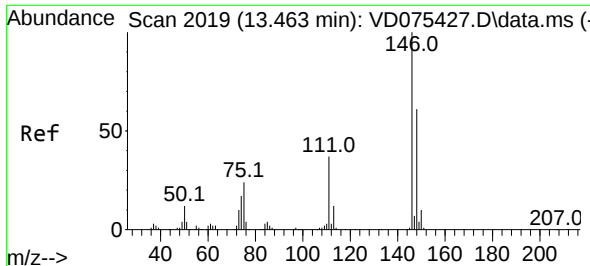
Tgt Ion:105 Resp: 554195
Ion Ratio Lower Upper
105 100
120 50.7 40.6 60.8



#63
1,2,4-Trimethylbenzene
Concen: 26.187 ug/L
RT: 13.216 min Scan# 1977
Delta R.T. 0.000 min
Lab File: VD075427.D
Acq: 01 Mar 2023 14:34

Tgt Ion:105 Resp: 545204
Ion Ratio Lower Upper
105 100
120 47.7 38.2 57.2

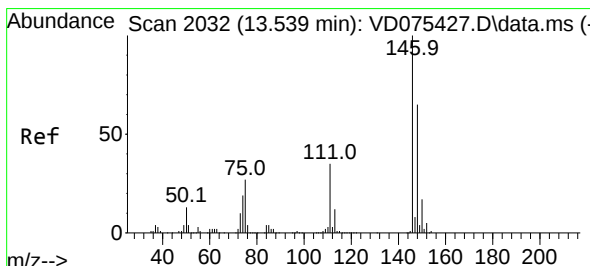
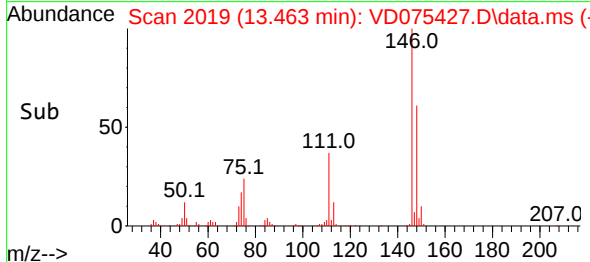
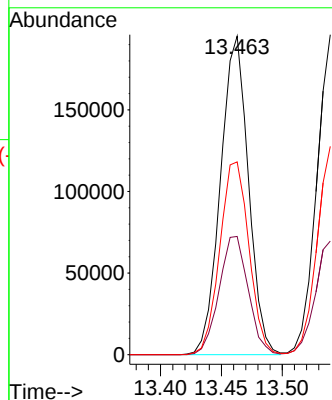
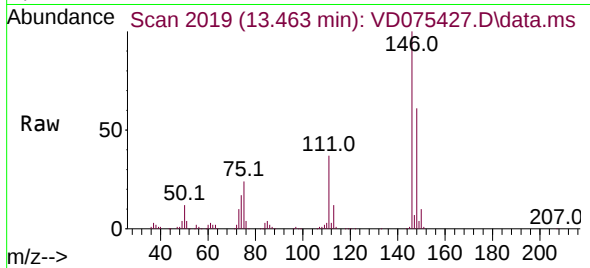




#64
1,3-Dichlorobenzene
Concen: 24.860 ug/L
RT: 13.463 min Scan# 2019
Delta R.T. 0.000 min
Lab File: VD075427.D
Acq: 01 Mar 2023 14:34

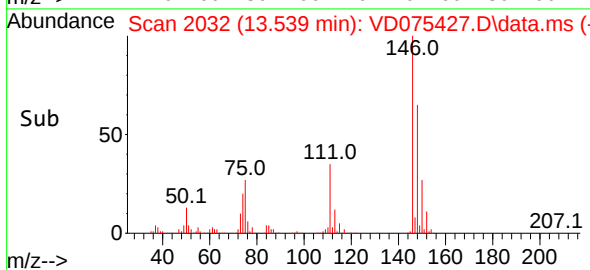
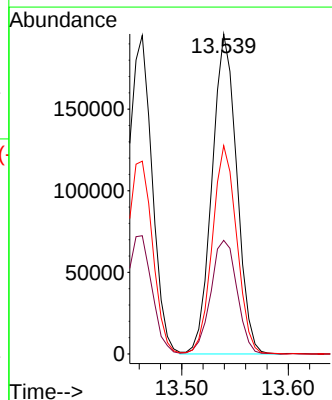
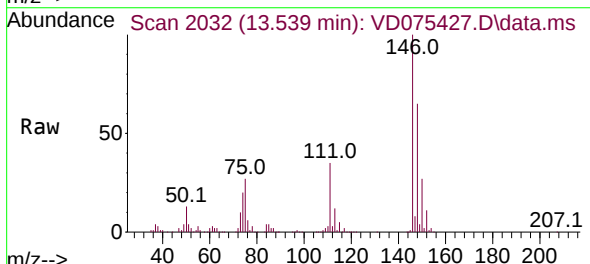
Instrument :
MSVOA_D
ClientSampleId :
VSTD025113

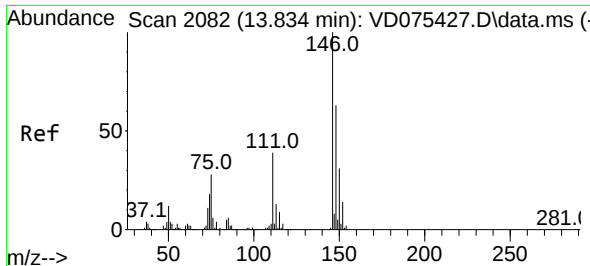
Tgt Ion:146 Resp: 311924
Ion Ratio Lower Upper
146 100
111 37.1 26.0 48.2
148 60.5 42.4 78.6



#65
1,4-Dichlorobenzene
Concen: 24.535 ug/L
RT: 13.539 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD075427.D
Acq: 01 Mar 2023 14:34

Tgt Ion:146 Resp: 316659
Ion Ratio Lower Upper
146 100
111 35.5 24.8 46.1
148 65.1 45.6 84.6





#67

1,2-Dichlorobenzene

Concen: 24.672 ug/L

RT: 13.834 min Scan# 2082

Delta R.T. 0.000 min

Lab File: VD075427.D

Acq: 01 Mar 2023 14:34

Instrument :

MSVOA_D

ClientSampleId :

VSTD025113

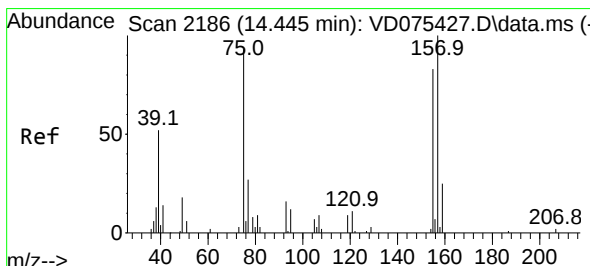
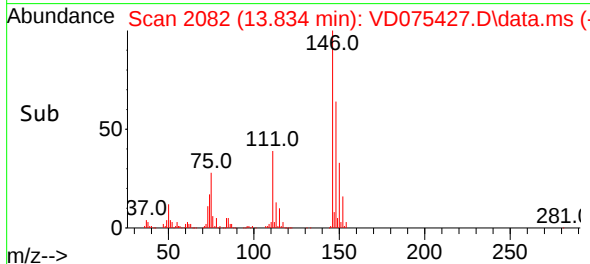
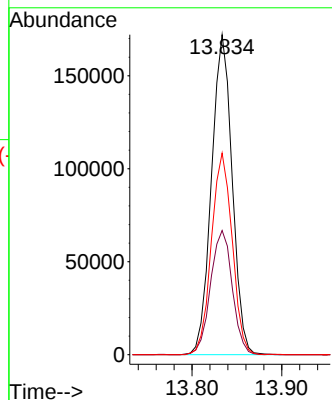
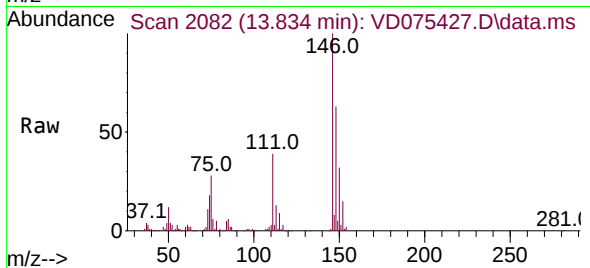
Tgt Ion:146 Resp: 275824

Ion Ratio Lower Upper

146 100

111 38.8 31.0 46.6

148 63.0 50.4 75.6



#68

1,2-Dibromo-3-chloropropane

Concen: 25.905 ug/L

RT: 14.445 min Scan# 2186

Delta R.T. 0.000 min

Lab File: VD075427.D

Acq: 01 Mar 2023 14:34

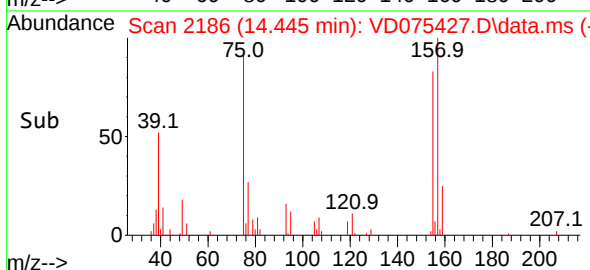
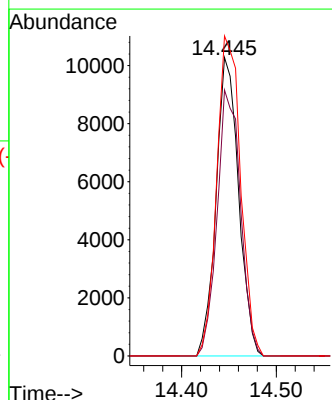
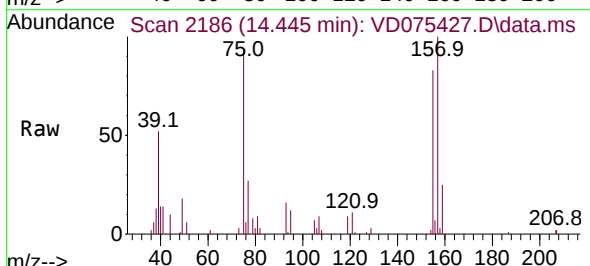
Tgt Ion: 75 Resp: 17007

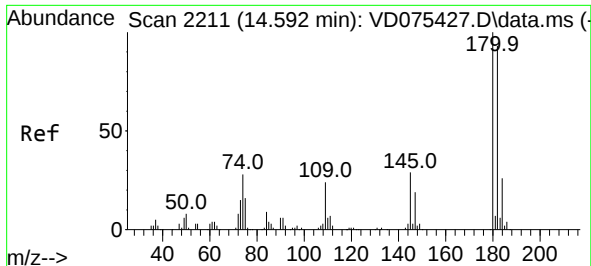
Ion Ratio Lower Upper

75 100

155 89.1 71.3 106.9

157 107.2 85.8 128.6





#69

1,3,5-Trichlorobenzene

Concen: 24.371 ug/L

RT: 14.592 min Scan# 2211

Delta R.T. 0.000 min

Lab File: VD075427.D

Acq: 01 Mar 2023 14:34

Instrument :

MSVOA_D

ClientSampleId :

VSTD025113

Tgt Ion:180 Resp: 191753

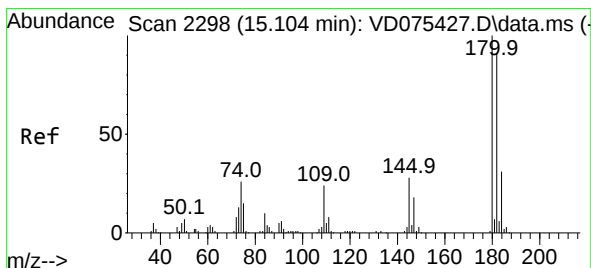
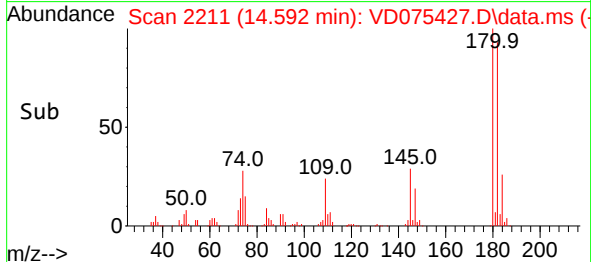
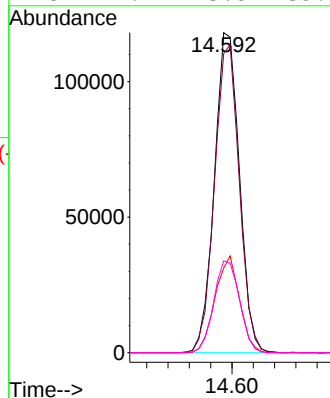
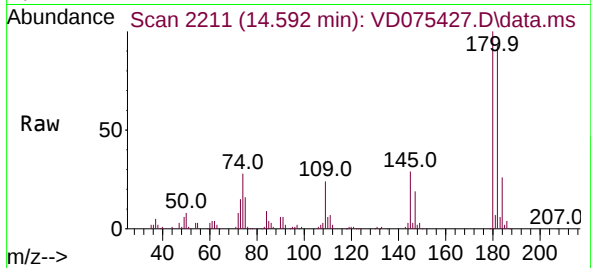
Ion Ratio Lower Upper

180 100

182 95.6 76.5 114.7

184 29.5 23.6 35.4

145 29.7 23.8 35.6



#70

1,2,4-trichlorobenzene

Concen: 25.024 ug/L

RT: 15.104 min Scan# 2298

Delta R.T. 0.000 min

Lab File: VD075427.D

Acq: 01 Mar 2023 14:34

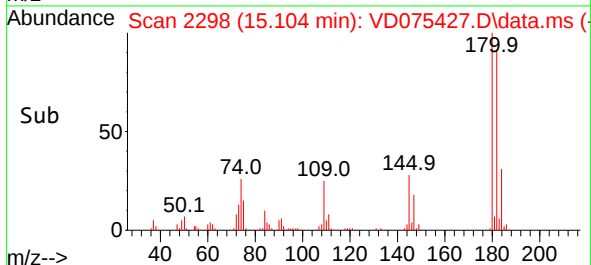
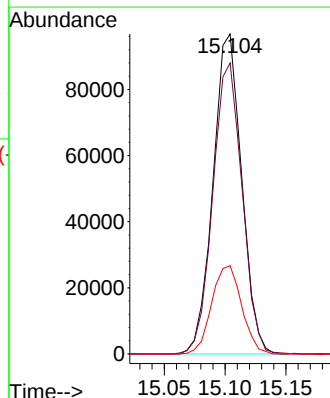
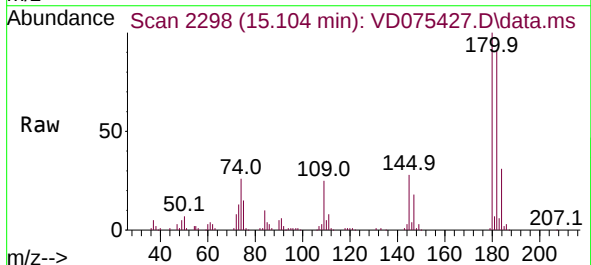
Tgt Ion:180 Resp: 158306

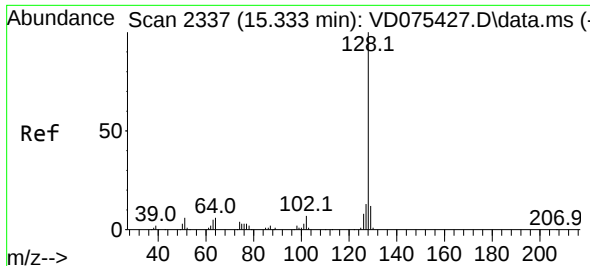
Ion Ratio Lower Upper

180 100

182 92.9 74.3 111.5

145 28.8 23.0 34.6

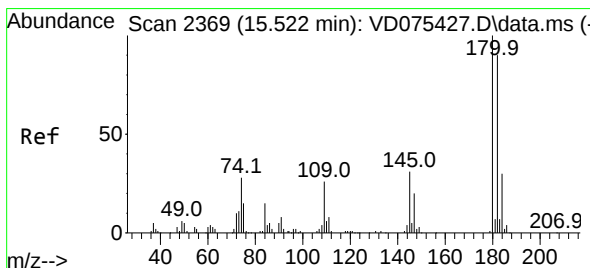
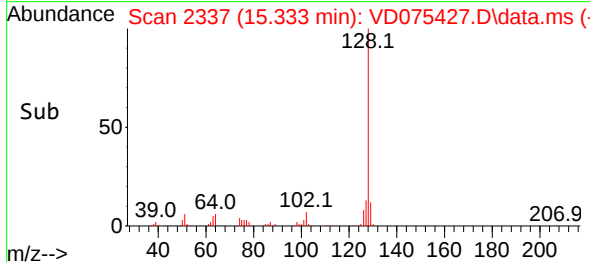
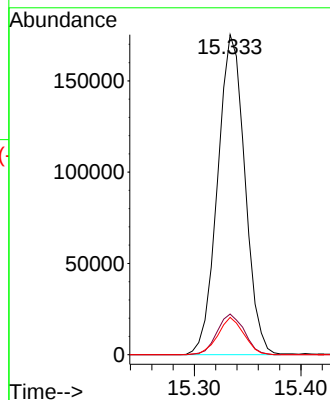
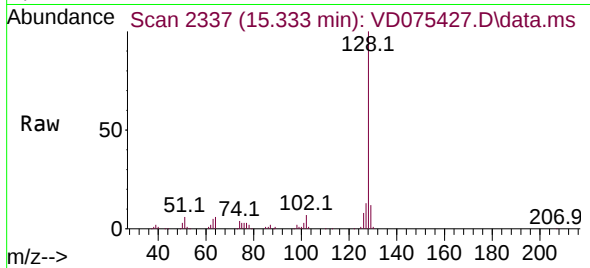




#71
Naphthalene
Concen: 24.868 ug/L
RT: 15.333 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD075427.D
Acq: 01 Mar 2023 14:34

Instrument :
MSVOA_D
ClientSampleId :
VSTD025113

Tgt Ion:128 Resp: 312032
Ion Ratio Lower Upper
128 100
127 12.6 10.1 15.1
129 11.0 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 25.207 ug/L
RT: 15.522 min Scan# 2369
Delta R.T. 0.000 min
Lab File: VD075427.D
Acq: 01 Mar 2023 14:34

Tgt Ion:180 Resp: 140558
Ion Ratio Lower Upper
180 100
182 94.1 75.3 112.9
145 31.4 25.1 37.7

