

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022323\
 Data File : VD075416.D
 Acq On : 23 Feb 2023 16:24
 Operator : KP/SY
 Sample : VSTD10009
 Misc : 5.00G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD100109

Quant Time: Feb 23 23:41:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM022323SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Feb 23 23:38:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	94634	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.587	117	85809	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	44395	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	166770	88.949	ug/L	0.00
7) Chloroethane-d5	2.799	69	139385	87.919	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.922	63	267095	95.426	ug/L	0.00
21) 2-Butanone-d5	6.987	46	50913	182.095	ug/L	0.00
24) Chloroform-d	7.569	84	250029	91.654	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.234	65	126231	93.547	ug/L	0.00
32) Benzene-d6	8.204	84	488835	91.251	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.210	67	140941	88.514	ug/L	0.00
41) Toluene-d8	10.269	98	460172	95.011	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.528	79	61586	96.042	ug/L	0.00
47) 2-Hexanone-d5	10.881	63	41532	198.158	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.651	84	101640	90.310	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.816	152	140016	89.343	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	167544	92.307	ug/L	98
3) Chloromethane	2.146	50	195810	90.269	ug/L	100
5) Vinyl chloride	2.281	62	225240	93.409	ug/L	97
6) Bromomethane	2.687	94	123387	102.800	ug/L	99
8) Chloroethane	2.834	64	142429	96.962	ug/L	98
9) Trichlorofluoromethane	3.175	101	258946	94.941	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	3.969	101	158168	96.588	ug/L	99
12) 1,1-Dichloroethene	3.940	96	138991	98.599	ug/L	98
13) Acetone	4.022	43	69289	182.829	ug/L	98
14) Carbon disulfide	4.275	76	408934	89.983	ug/L	100
15) Methyl Acetate	4.563	43	59603	102.395	ug/L #	83
16) Methylene chloride	4.805	84	142511	75.308	ug/L	98
17) trans-1,2-Dichloroethene	5.316	96	143729	98.917	ug/L	96
18) Methyl tert-butyl Ether	5.316	73	324665	109.519	ug/L	99
19) 1,1-Dichloroethane	6.110	63	269970	96.478	ug/L	98
20) cis-1,2-Dichloroethene	7.081	96	163870	105.660	ug/L	92
22) 2-Butanone	7.081	43	85668	194.249	ug/L	98
23) Bromochloromethane	7.428	128	66053	96.230	ug/L	82
25) Chloroform	7.599	83	280929	97.833	ug/L	96
27) 1,2-Dichloroethane	8.328	62	178466	98.875	ug/L	98
29) Cyclohexane	7.881	56	246688	104.983	ug/L	99
30) 1,1,1-Trichloroethane	7.799	97	254982	97.701	ug/L	98
31) Carbon tetrachloride	7.993	117	220902	98.584	ug/L	100
33) Benzene	8.251	78	608975	99.018	ug/L	100
34) Trichloroethene	9.028	95	158995	97.237	ug/L	96
35) Methylcyclohexane	9.275	83	264474	100.966	ug/L	98
37) 1,2-Dichloropropane	9.304	63	159634	99.585	ug/L	99
38) Bromodichloromethane	9.587	83	204764	98.739	ug/L	96
39) cis-1,3-Dichloropropene	10.016	75	248879	106.977	ug/L	93
40) 4-Methyl-2-pentanone	10.163	43	187777	218.002	ug/L	97
42) Toluene	10.334	91	678026	104.066	ug/L	99
44) trans-1,3-Dichloropropene	10.557	75	210219	108.622	ug/L	99

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

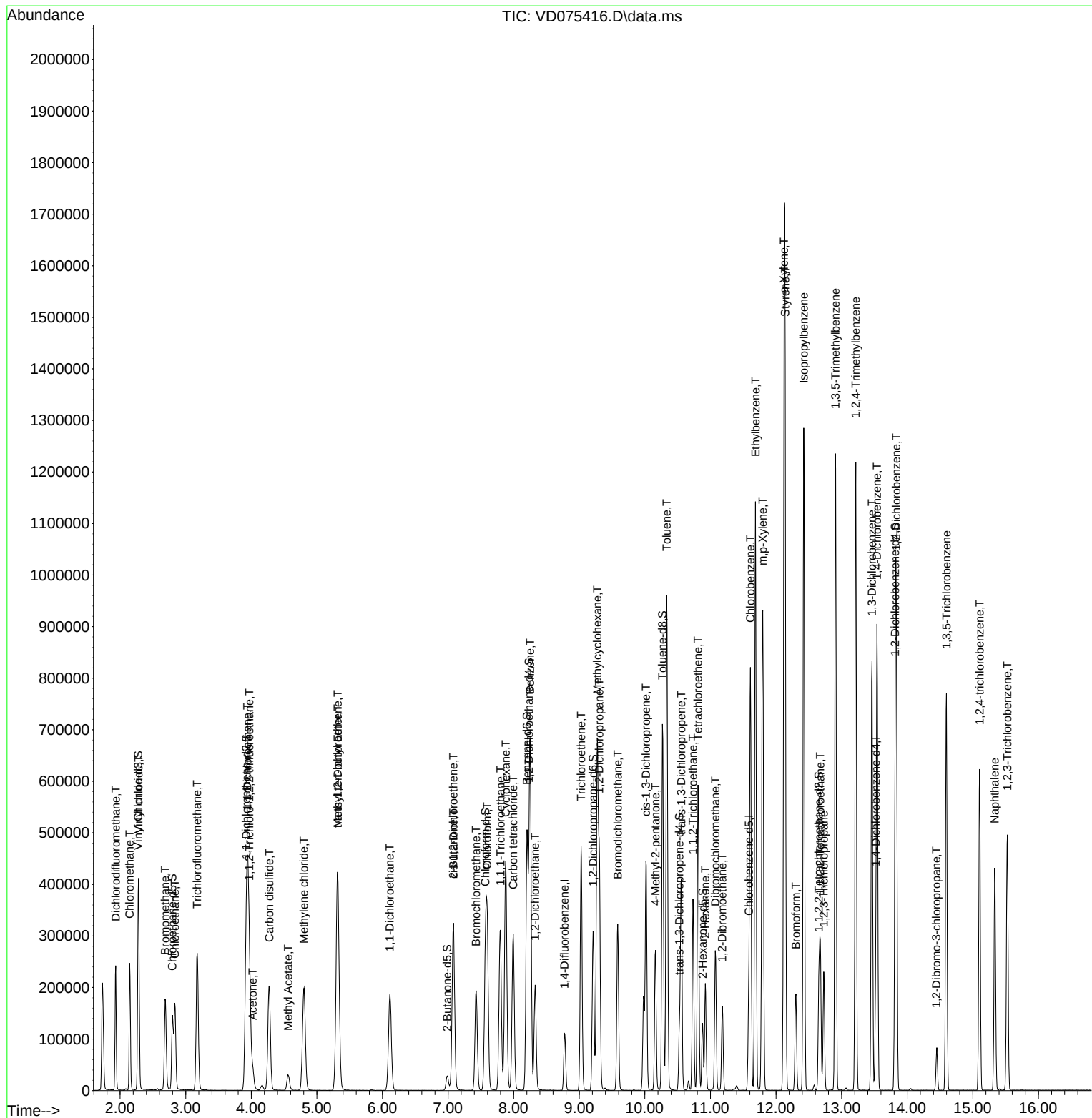
45) 1,1,2-Trichloroethane	10.734	97	110583	98.731	ug/L	96
46) Tetrachloroethene	10.810	164	122847	95.222	ug/L	91
48) 2-Hexanone	10.922	43	135275	212.262	ug/L	99
49) Dibromochloromethane	11.075	129	134399	102.071	ug/L	98
50) 1,2-Dibromoethane	11.181	107	103649	100.149	ug/L #	99
51) Chlorobenzene	11.610	112	413227	100.005	ug/L	98
52) Ethylbenzene	11.687	91	773205	107.427	ug/L	99
53) m,p-Xylene	11.798	106	294336	108.457	ug/L	90
54) o-Xylene	12.122	106	285060	111.104	ug/L	95
55) Styrene	12.140	104	501524	112.506	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.675	83	124307	99.898	ug/L	97
59) Bromoform	12.304	173	80021	97.413	ug/L	97
60) Isopropylbenzene	12.422	105	799417	107.237	ug/L	99
61) 1,2,3-Trichloropropane	12.728	75	84257	96.206	ug/L	96
62) 1,3,5-Trimethylbenzene	12.904	105	639348	109.449	ug/L	100
63) 1,2,4-Trimethylbenzene	13.216	105	627364	111.410	ug/L	99
64) 1,3-Dichlorobenzene	13.463	146	319620	98.505	ug/L	100
65) 1,4-Dichlorobenzene	13.539	146	321294	97.018	ug/L	99
67) 1,2-Dichlorobenzene	13.834	146	284175	99.902	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.445	75	19200	97.304	ug/L	90
69) 1,3,5-Trichlorobenzene	14.598	180	218355	102.092	ug/L	99
70) 1,2,4-trichlorobenzene	15.104	180	179688	104.427	ug/L	99
71) Naphthalene	15.333	128	347121	111.581	ug/L	100
72) 1,2,3-Trichlorobenzene	15.528	180	156497	105.462	ug/L	99

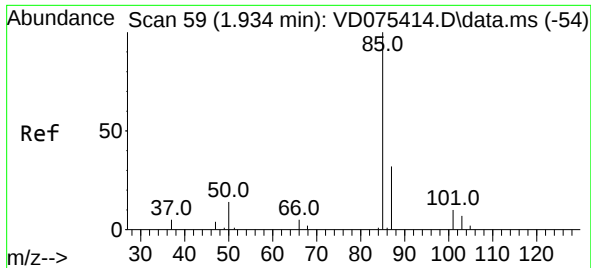
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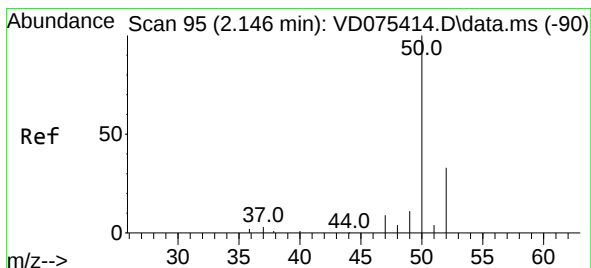
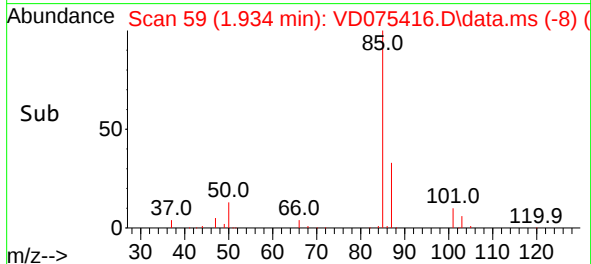
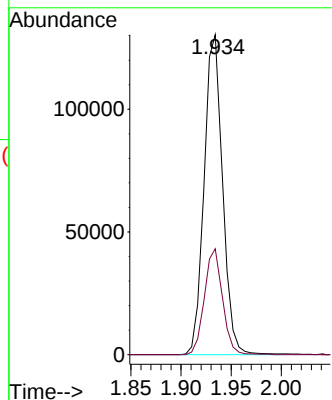
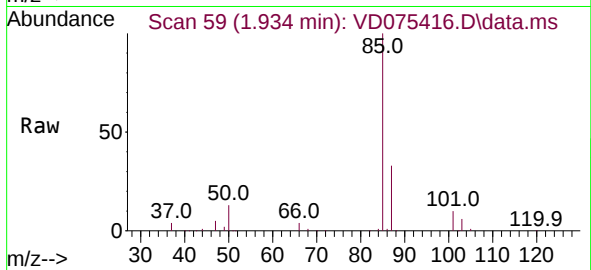




#2
Dichlorodifluoromethane
Concen: 92.307 ug/L
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD075416.D
Acq: 23 Feb 2023 16:24

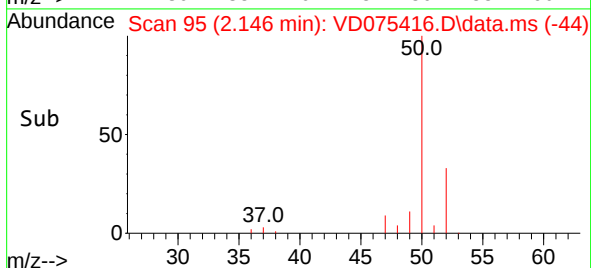
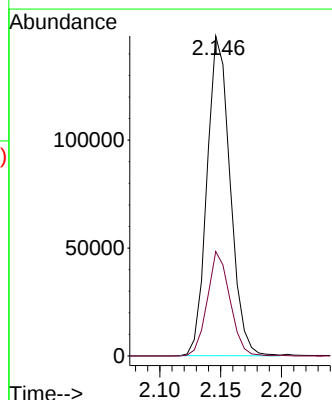
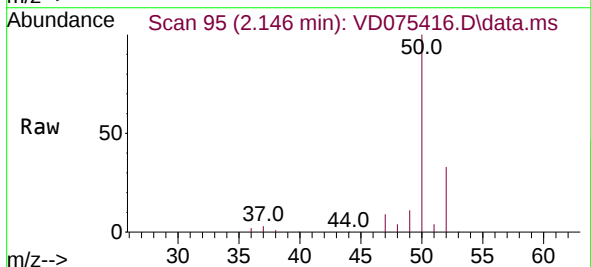
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MSVOA_D
ClientSampleId :
VSTD100109

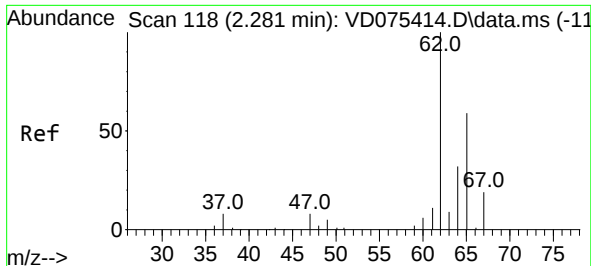
Tgt Ion: 85 Resp: 167544
Ion Ratio Lower Upper
85 100
87 32.4 25.1 37.7



#3
Chloromethane
Concen: 90.269 ug/L
RT: 2.146 min Scan# 95
Delta R.T. 0.000 min
Lab File: VD075416.D
Acq: 23 Feb 2023 16:24

Tgt Ion: 50 Resp: 195810
Ion Ratio Lower Upper
50 100
52 32.6 22.8 42.4

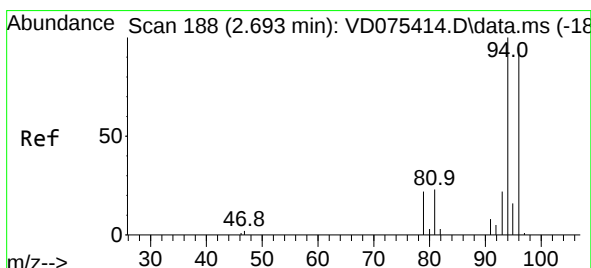
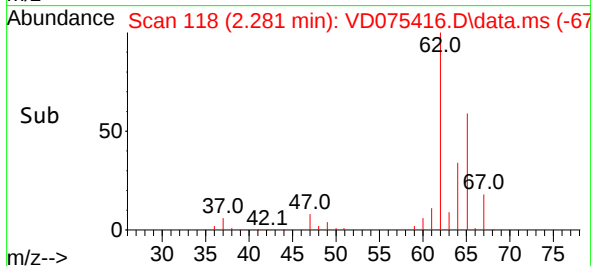
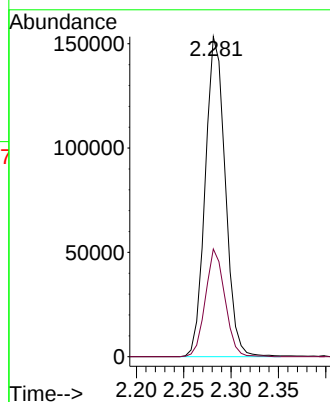
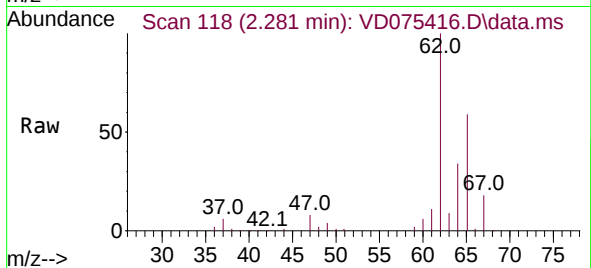




#5
 Vinyl chloride
 Concen: 93.409 ug/L
 RT: 2.281 min Scan# 118
 Delta R.T. -0.000 min
 Lab File: VD075416.D
 Acq: 23 Feb 2023 16:24

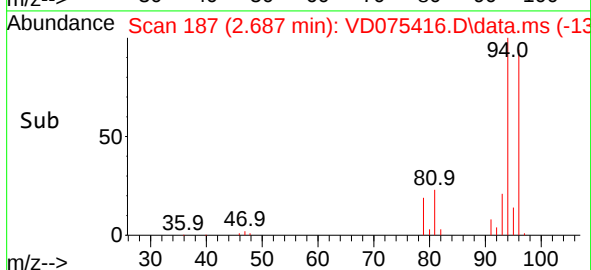
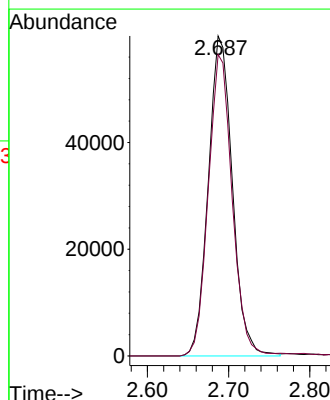
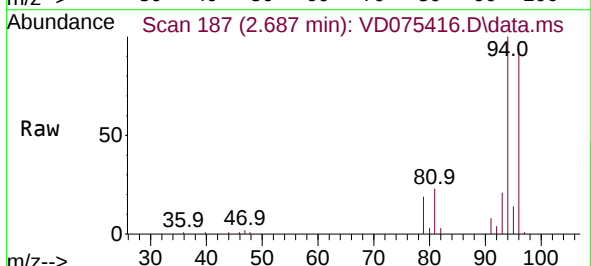
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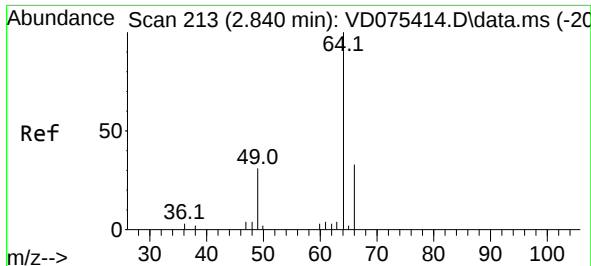
Tgt Ion: 62 Resp: 225240
 Ion Ratio Lower Upper
 62 100
 64 33.6 22.4 41.6



#6
 Bromomethane
 Concen: 102.800 ug/L
 RT: 2.687 min Scan# 187
 Delta R.T. -0.006 min
 Lab File: VD075416.D
 Acq: 23 Feb 2023 16:24

Tgt Ion: 94 Resp: 123387
 Ion Ratio Lower Upper
 94 100
 96 94.2 66.4 123.4

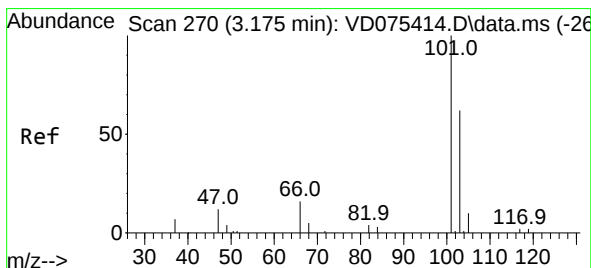
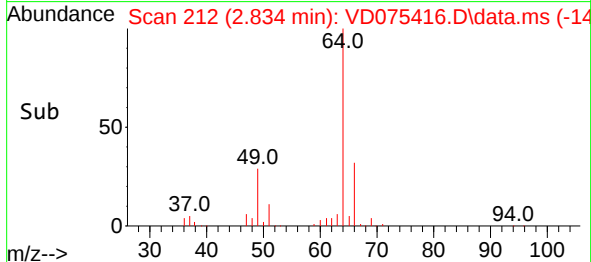
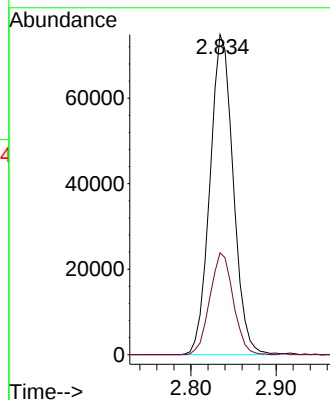
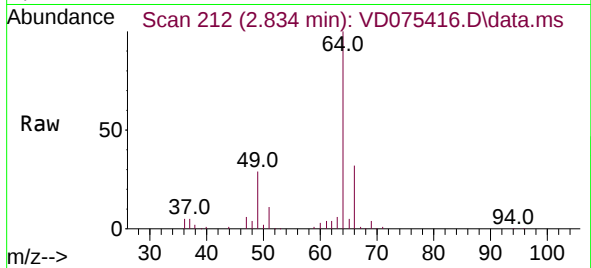




#8
Chloroethane
Concen: 96.962 ug/L
RT: 2.834 min Scan# 213
Delta R.T. -0.006 min
Lab File: VD075416.D
Acq: 23 Feb 2023 16:24

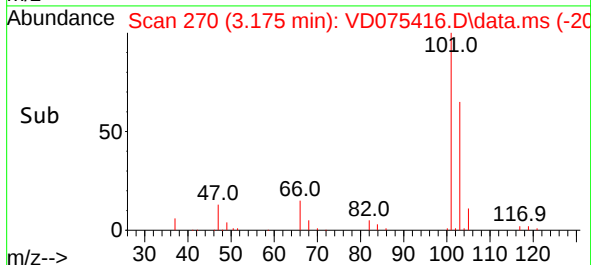
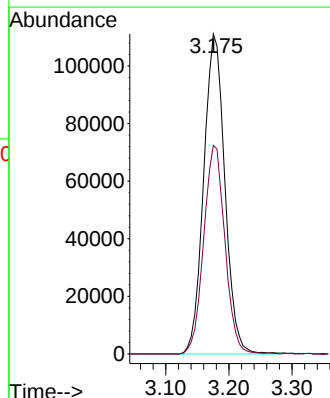
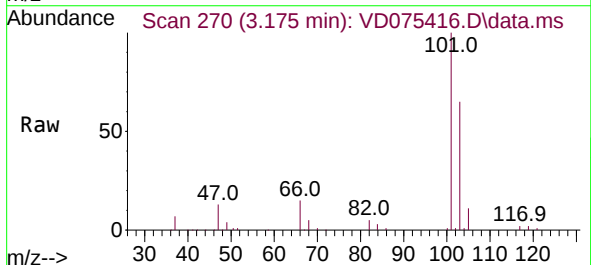
Instrument :
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ClientSampleId :
VSTD100109

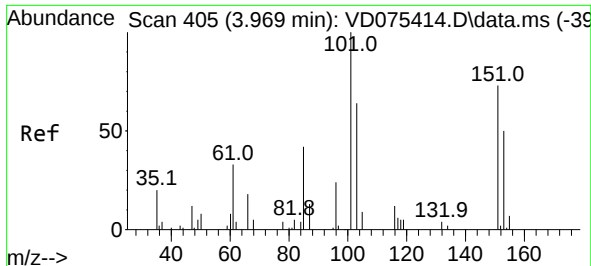
Tgt Ion: 64 Resp: 142429
Ion Ratio Lower Upper
64 100
66 31.8 23.2 43.0



#9
Trichlorofluoromethane
Concen: 94.941 ug/L
RT: 3.175 min Scan# 270
Delta R.T. -0.000 min
Lab File: VD075416.D
Acq: 23 Feb 2023 16:24

Tgt Ion:101 Resp: 258946
Ion Ratio Lower Upper
101 100
103 65.2 50.2 75.2

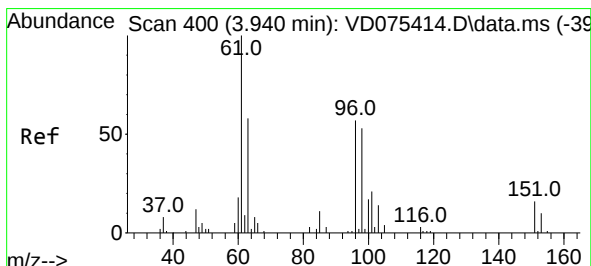
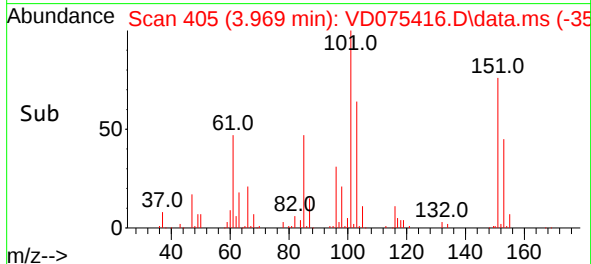
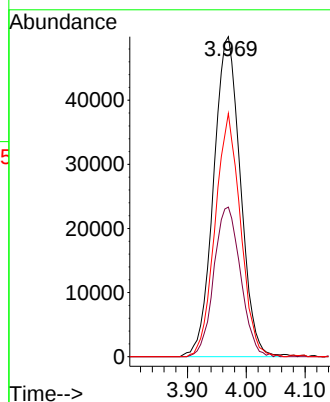
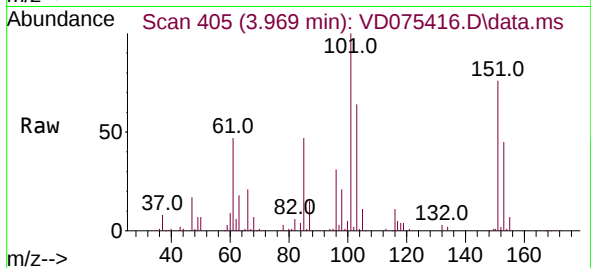




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 96.588 ug/L
 RT: 3.969 min Scan# 405
 Delta R.T. 0.000 min
 Lab File: VD075416.D
 Acq: 23 Feb 2023 16:24

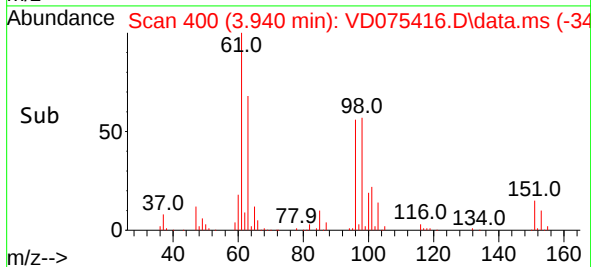
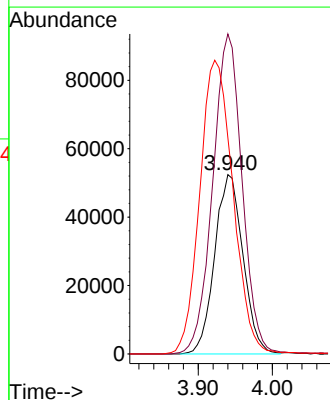
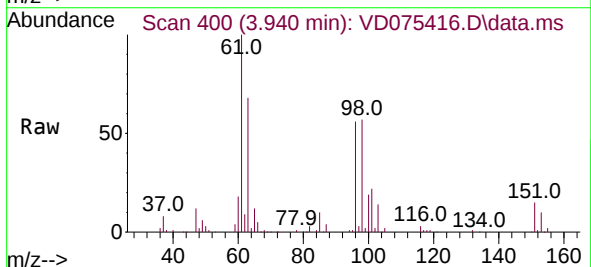
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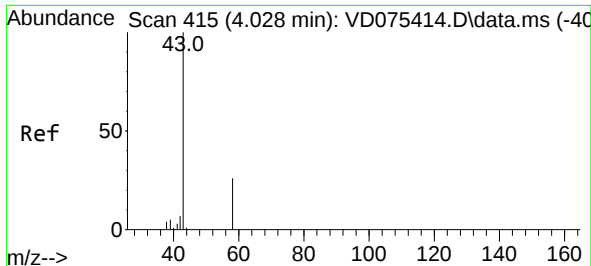
Tgt Ion:101 Resp: 158168
 Ion Ratio Lower Upper
 101 100
 85 46.5 36.7 55.1
 151 71.9 58.2 87.2



#12
 1,1-Dichloroethene
 Concen: 98.599 ug/L
 RT: 3.940 min Scan# 400
 Delta R.T. -0.000 min
 Lab File: VD075416.D
 Acq: 23 Feb 2023 16:24

Tgt Ion: 96 Resp: 138991
 Ion Ratio Lower Upper
 96 100
 61 178.5 123.8 229.8
 63 120.6 81.3 150.9





#13

Acetone

Concen: 182.829 ug/L

RT: 4.022 min Scan# 41

Delta R.T. -0.006 min

Lab File: VD075416.D

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MSVOA_D

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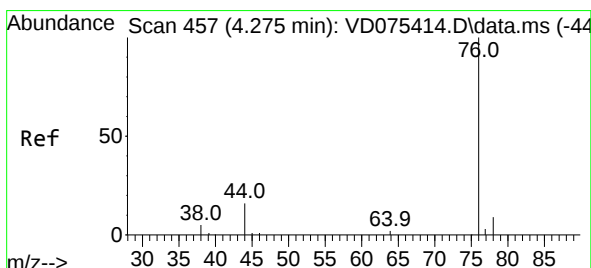
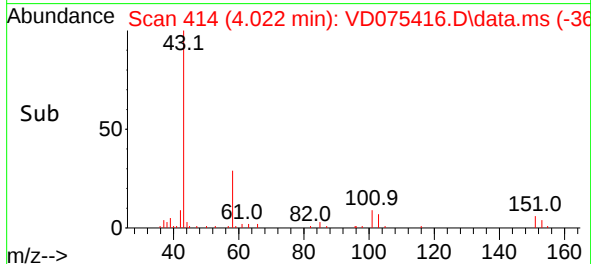
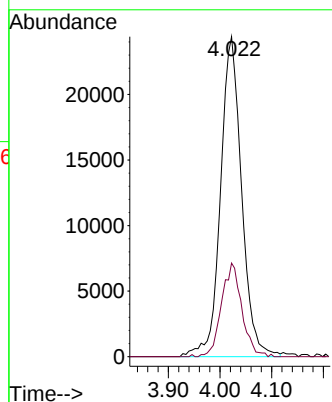
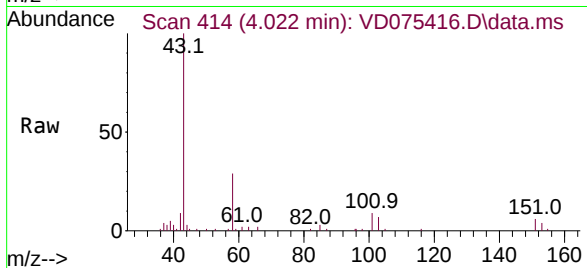
VSTD100109

Tgt Ion: 43 Resp: 69289

Ion Ratio Lower Upper

43 100

58 27.8 0.0 53.8



#14

Carbon disulfide

Concen: 89.983 ug/L

RT: 4.275 min Scan# 457

Delta R.T. 0.000 min

Lab File: VD075416.D

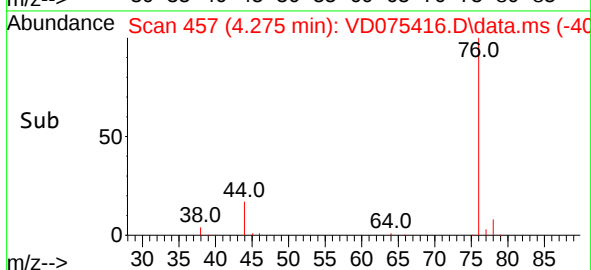
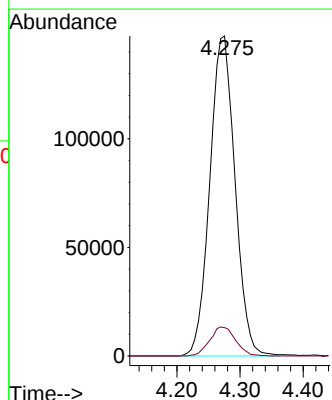
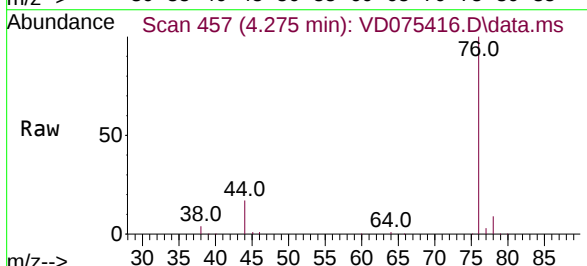
Acq: 23 Feb 2023 16:24

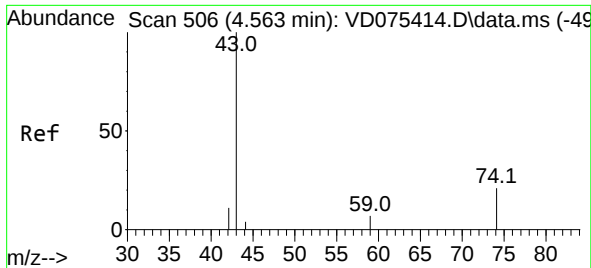
Tgt Ion: 76 Resp: 408934

Ion Ratio Lower Upper

76 100

78 8.8 7.0 10.6

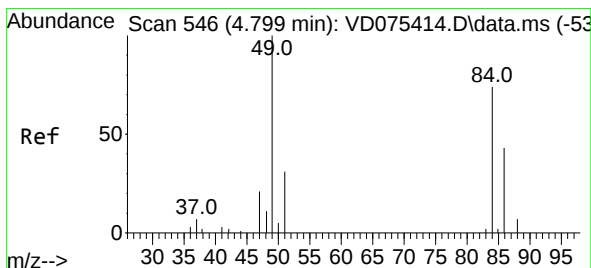
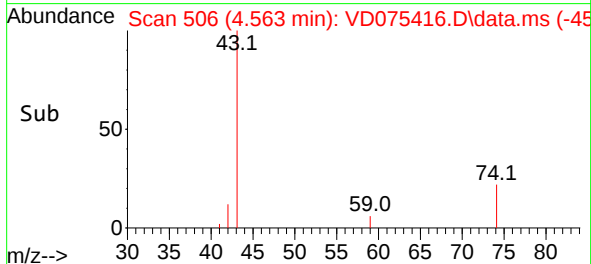
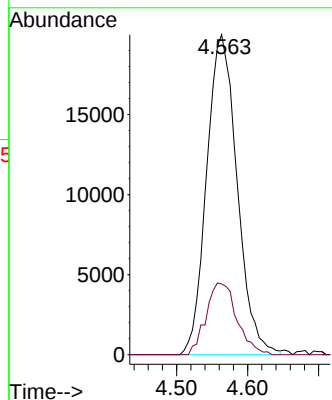
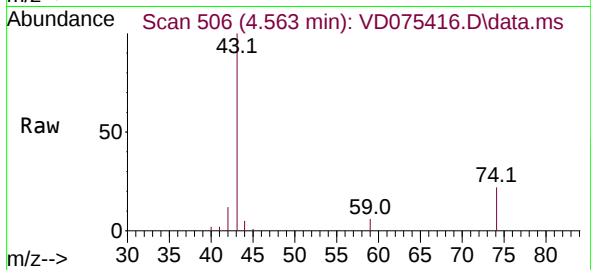




#15
Methyl Acetate
Concen: 102.395 ug/L
RT: 4.563 min Scan# 506
Delta R.T. -0.000 min
Lab File: VD075416.D
Acq: 23 Feb 2023 16:24

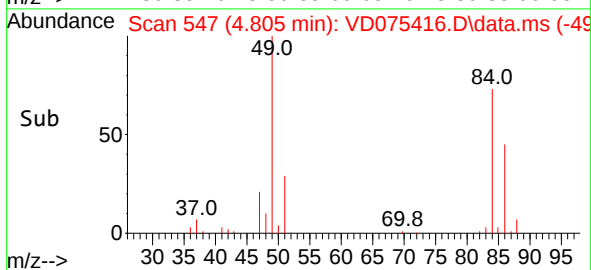
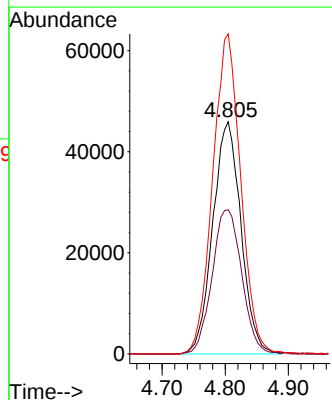
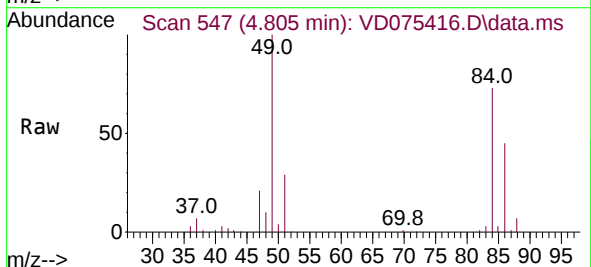
Instrument :
MSVOA_D
ClientSampleId :
VSTD100109

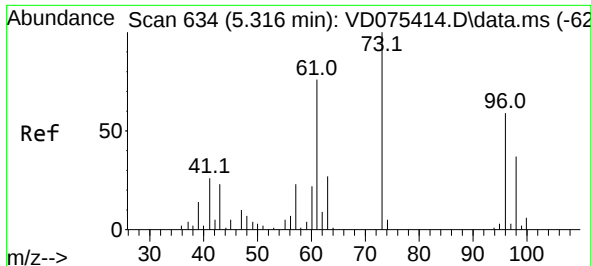
Tgt Ion: 43 Resp: 59603
Ion Ratio Lower Upper
43 100
74 22.6 12.4 18.6#



#16
Methylene chloride
Concen: 75.308 ug/L
RT: 4.805 min Scan# 547
Delta R.T. 0.006 min
Lab File: VD075416.D
Acq: 23 Feb 2023 16:24

Tgt Ion: 84 Resp: 142511
Ion Ratio Lower Upper
84 100
86 62.1 41.0 76.2
49 137.8 95.2 176.8

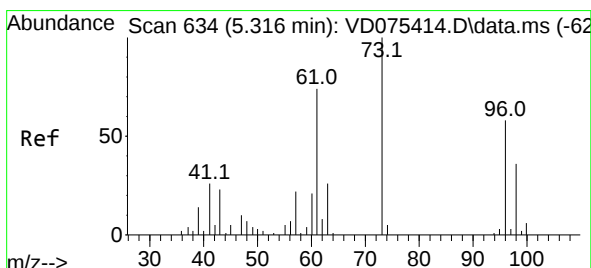
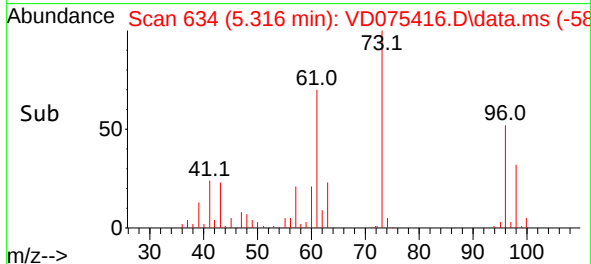
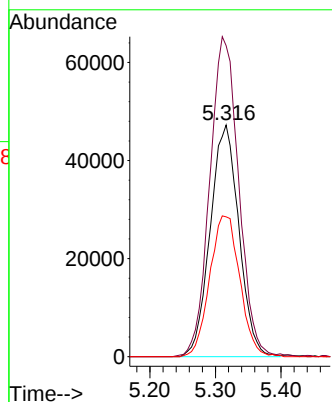
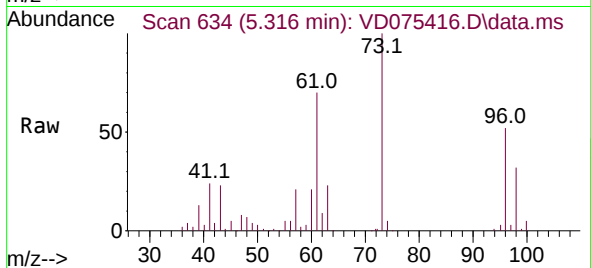




#17
trans-1,2-Dichloroethene
Concen: 98.917 ug/L
RT: 5.316 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD075416.D
Acq: 23 Feb 2023 16:24

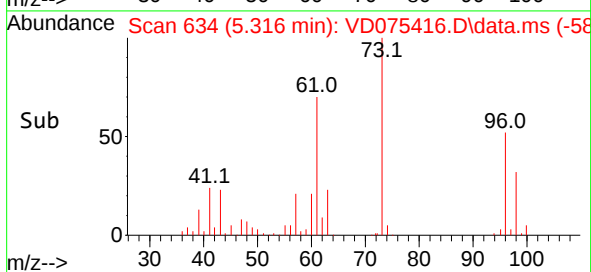
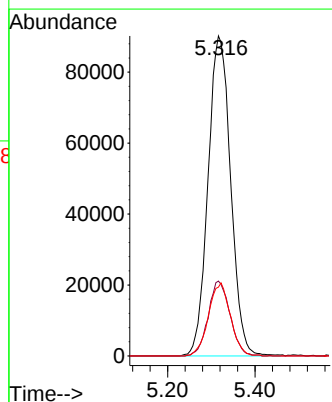
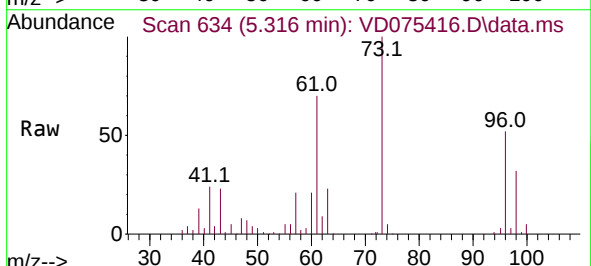
Instrument :
MSVOA_D
ClientSampleId :
VSTD100109

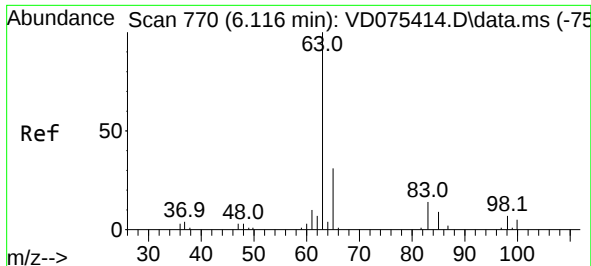
Tgt Ion: 96 Resp: 143729
Ion Ratio Lower Upper
96 100
61 134.2 90.2 167.4
98 60.4 43.7 81.1



#18
Methyl tert-butyl Ether
Concen: 109.519 ug/L
RT: 5.316 min Scan# 634
Delta R.T. -0.000 min
Lab File: VD075416.D
Acq: 23 Feb 2023 16:24

Tgt Ion: 73 Resp: 324665
Ion Ratio Lower Upper
73 100
43 22.6 17.8 26.6
57 22.1 18.0 27.0





#19

1,1-Dichloroethane

Concen: 96.478 ug/L

RT: 6.110 min Scan# 770

Delta R.T. -0.006 min

Lab File: VD075416.D

Acq: 23 Feb 2023 16:24

Instrument :

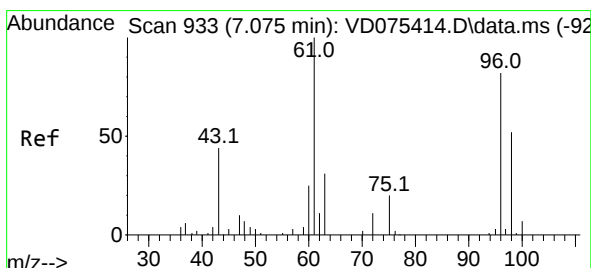
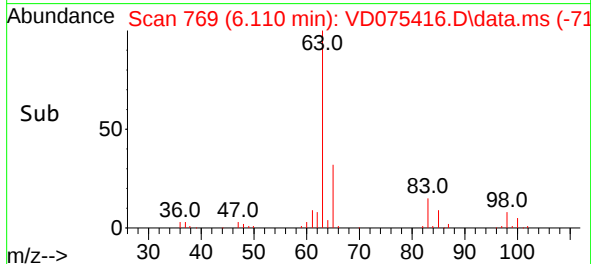
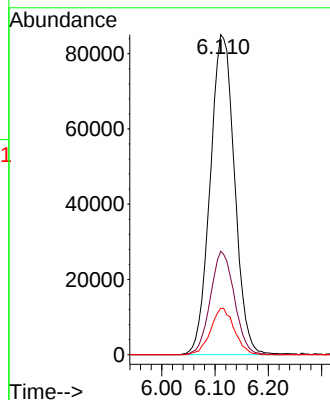
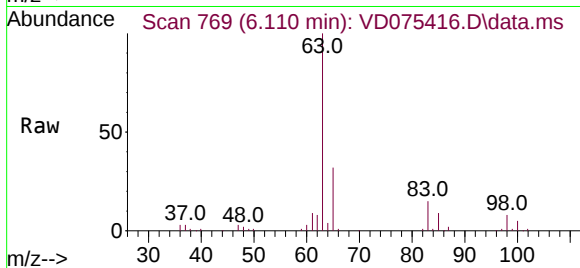
MSVOA_D

ClientSampleId :

VSTD100109

Tgt Ion: 63 Resp: 269970

Ion	Ratio	Lower	Upper
63	100		
65	32.3	21.8	40.4
83	14.5	9.9	18.5



#20

cis-1,2-Dichloroethene

Concen: 105.660 ug/L

RT: 7.081 min Scan# 934

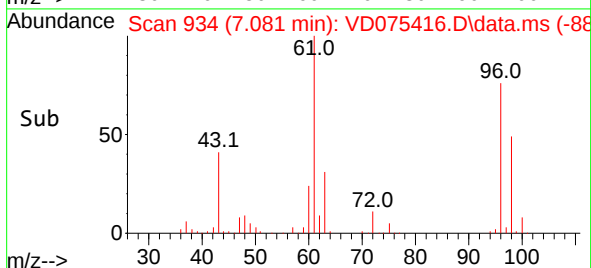
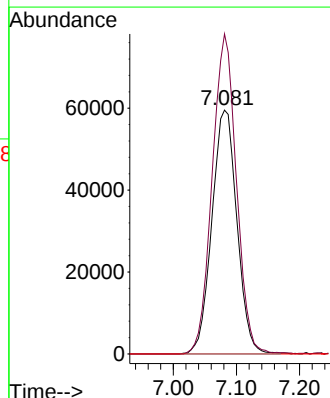
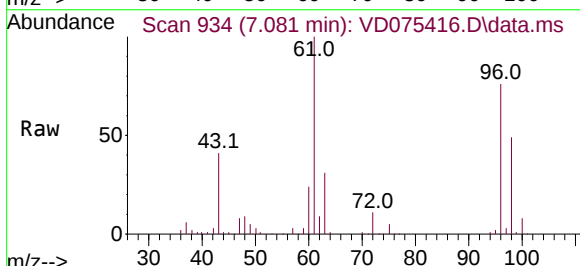
Delta R.T. 0.006 min

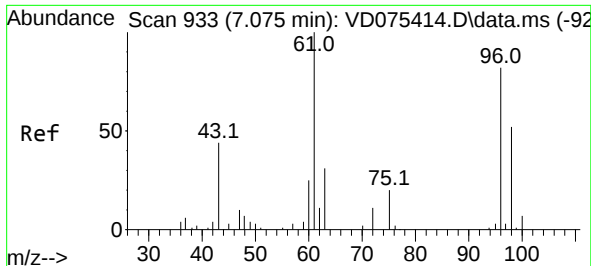
Lab File: VD075416.D

Acq: 23 Feb 2023 16:24

Tgt Ion: 96 Resp: 163870

Ion	Ratio	Lower	Upper
96	100		
61	131.3	85.3	158.5
68	0.0	0.0	0.0

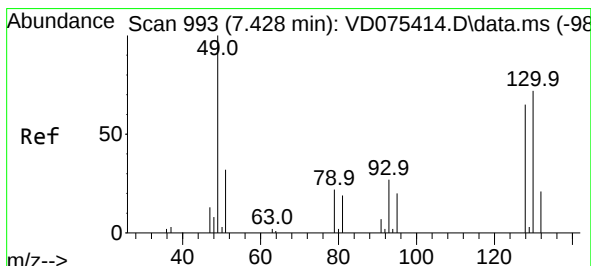
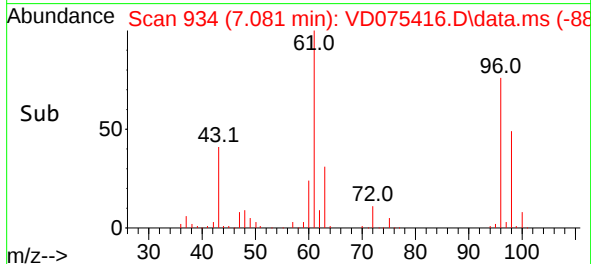
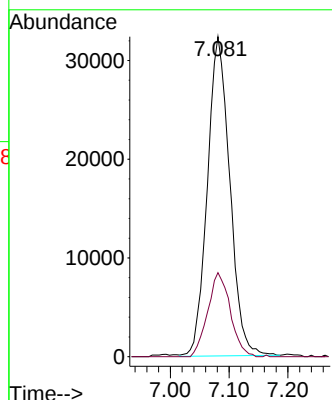
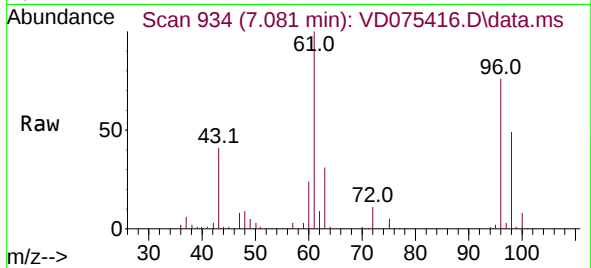




#22
2-Butanone
Concen: 194.249 ug/L
RT: 7.081 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD075416.D
Acq: 23 Feb 2023 16:24

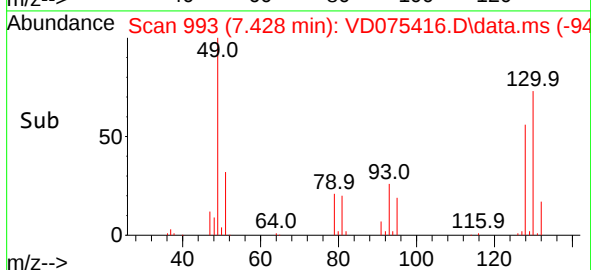
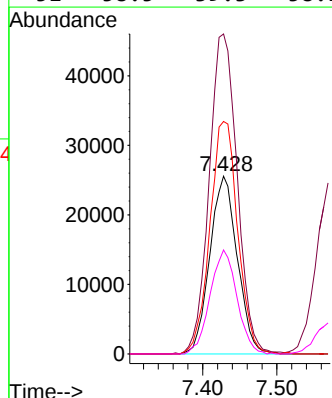
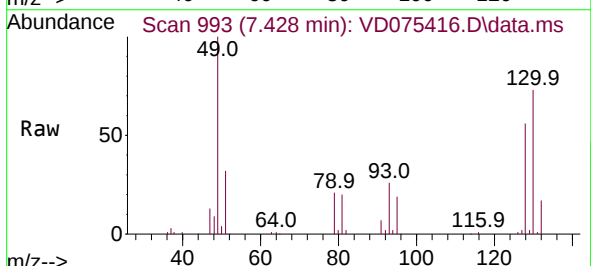
Instrument :
MSVOA_D
ClientSampleId :
VSTD100109

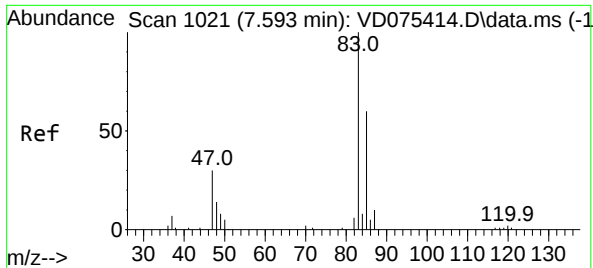
Tgt Ion: 43 Resp: 85668
Ion Ratio Lower Upper
43 100
72 26.4 12.8 38.3



#23
Bromochloromethane
Concen: 96.230 ug/L
RT: 7.428 min Scan# 993
Delta R.T. -0.000 min
Lab File: VD075416.D
Acq: 23 Feb 2023 16:24

Tgt Ion:128 Resp: 66053
Ion Ratio Lower Upper
128 100
49 179.9 108.4 201.2
130 130.7 77.9 144.7
51 58.5 39.3 58.9





#25

Chloroform

Concen: 97.833 ug/L

RT: 7.599 min Scan# 1

Delta R.T. 0.006 min

Lab File: VD075416.D

Acq: 23 Feb 2023 16:24

Instrument :

MSVOA_D

ClientSampleId :

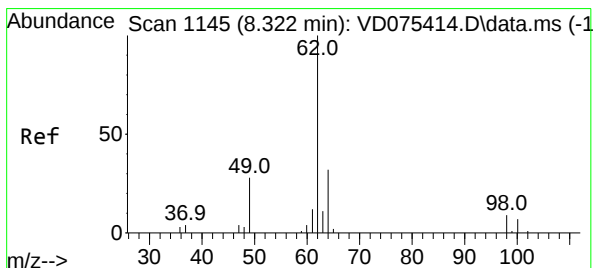
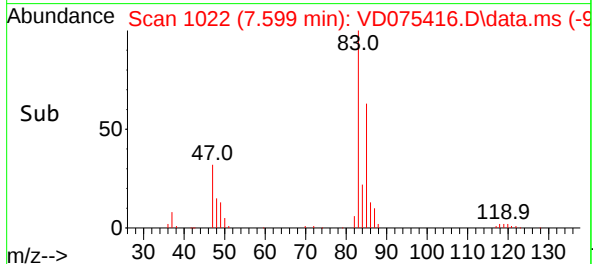
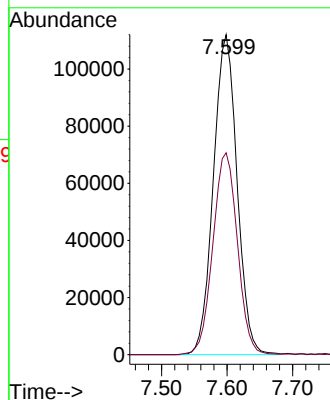
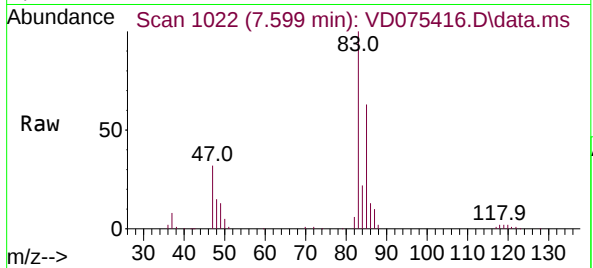
VSTD100109

Tgt Ion: 83 Resp: 280929

Ion Ratio Lower Upper

83 100

85 63.1 42.1 78.3



#27

1,2-Dichloroethane

Concen: 98.875 ug/L

RT: 8.328 min Scan# 1146

Delta R.T. 0.006 min

Lab File: VD075416.D

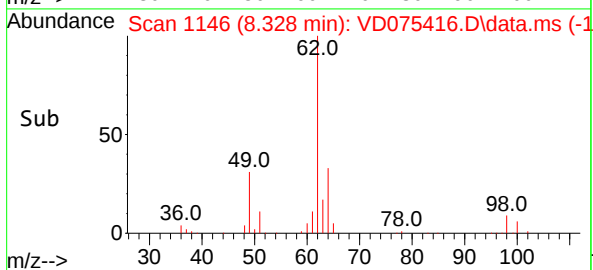
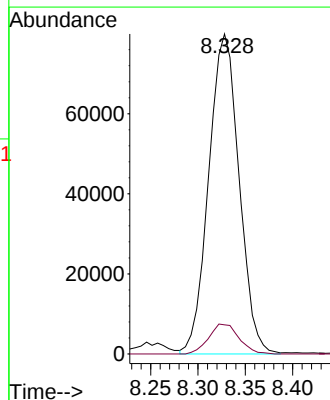
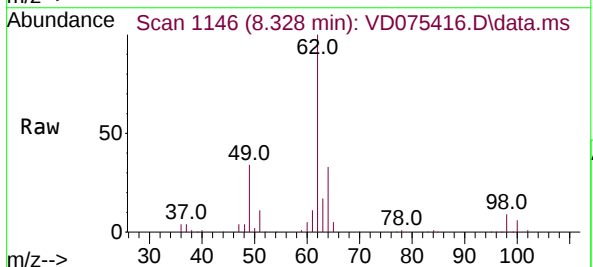
Acq: 23 Feb 2023 16:24

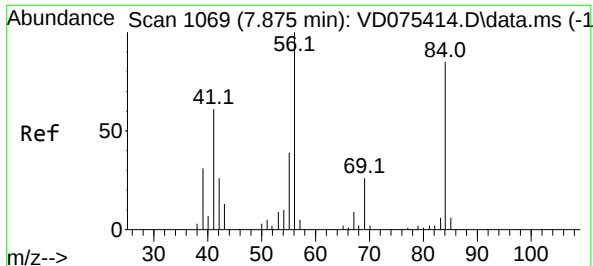
Tgt Ion: 62 Resp: 178466

Ion Ratio Lower Upper

62 100

98 9.1 6.8 10.2





#29

Cyclohexane

Concen: 104.983 ug/L

RT: 7.881 min Scan# 1070

Delta R.T. 0.006 min

Lab File: VD075416.D

Acq: 23 Feb 2023 16:24

Instrument :

MSVOA_D

ClientSampleId :

VSTD100109

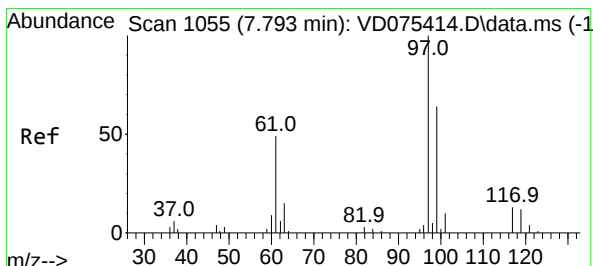
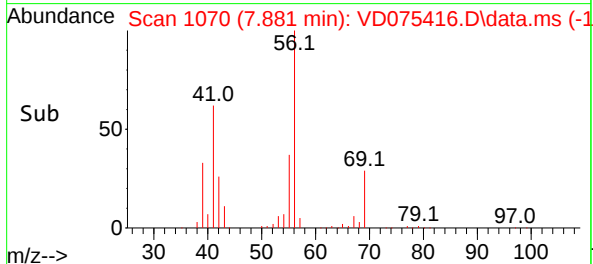
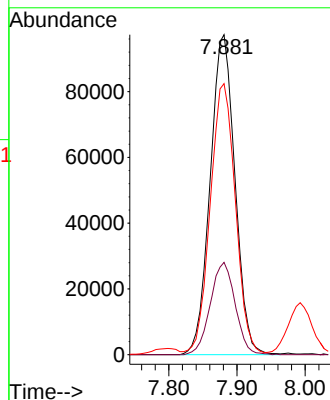
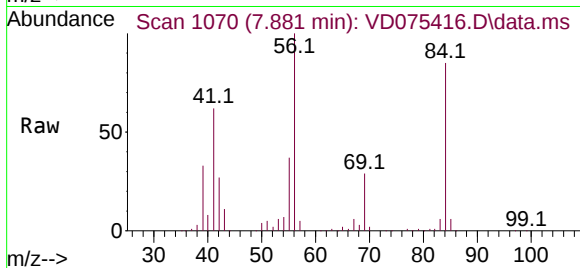
Tgt Ion: 56 Resp: 246688

Ion Ratio Lower Upper

56 100

69 28.8 23.2 34.8

84 85.9 70.1 105.1



#30

1,1,1-Trichloroethane

Concen: 97.701 ug/L

RT: 7.799 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VD075416.D

Acq: 23 Feb 2023 16:24

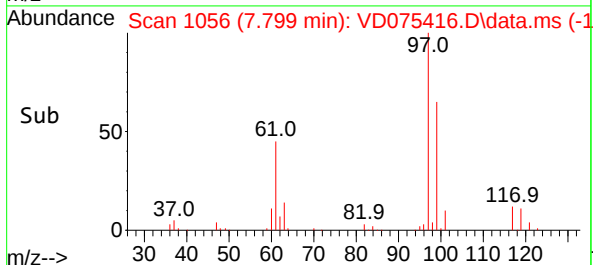
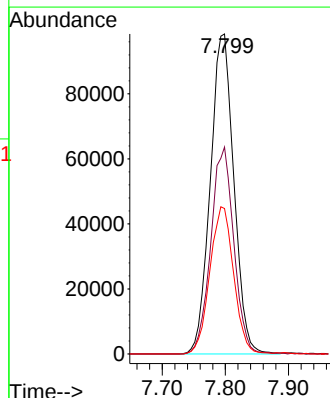
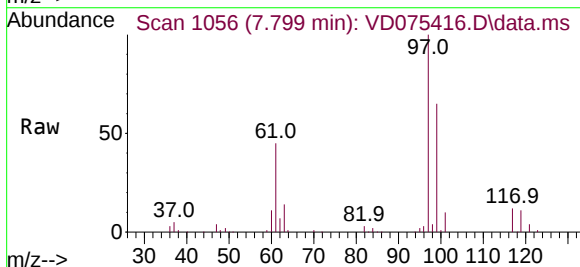
Tgt Ion: 97 Resp: 254982

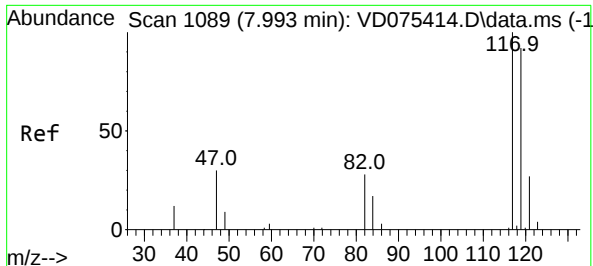
Ion Ratio Lower Upper

97 100

99 63.2 52.6 78.8

61 46.5 37.8 56.8

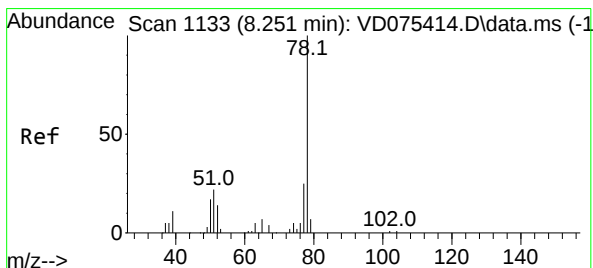
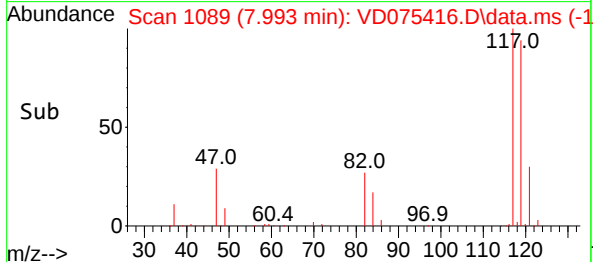
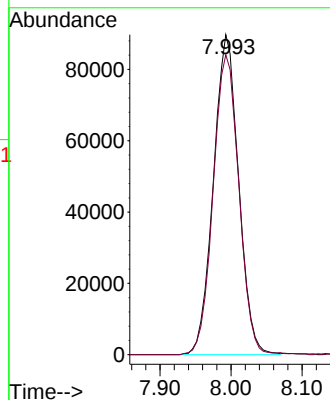
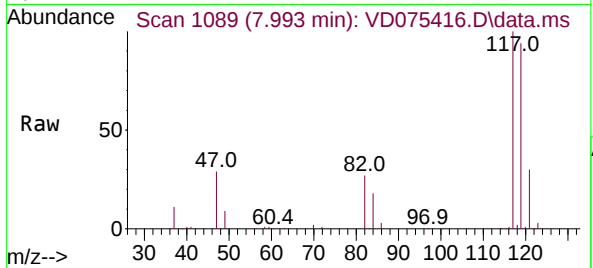




#31
Carbon tetrachloride
Concen: 98.584 ug/L
RT: 7.993 min Scan# 1107
Delta R.T. 0.000 min
Lab File: VD075416.D
Acq: 23 Feb 2023 16:24

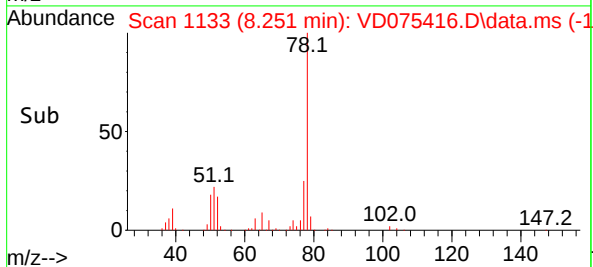
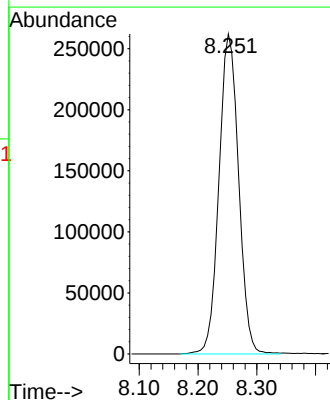
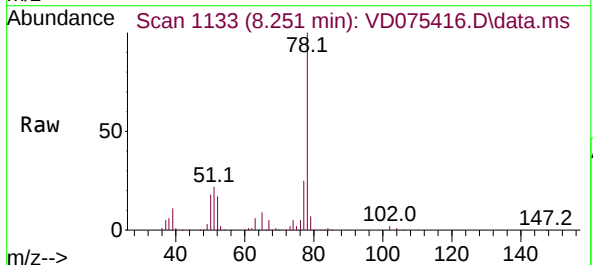
Instrument :
MSVOA_D
ClientSampleId :
VSTD100109

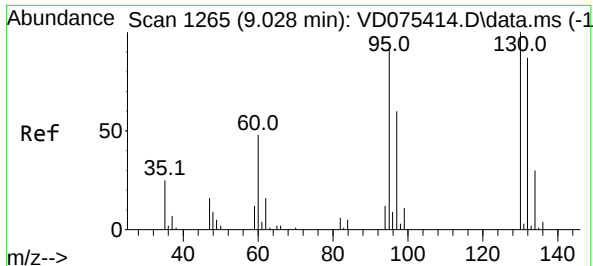
Tgt Ion:117 Resp: 220902
Ion Ratio Lower Upper
117 100
119 95.4 76.2 114.2



#33
Benzene
Concen: 99.018 ug/L
RT: 8.251 min Scan# 1133
Delta R.T. -0.000 min
Lab File: VD075416.D
Acq: 23 Feb 2023 16:24

Tgt Ion: 78 Resp: 608975

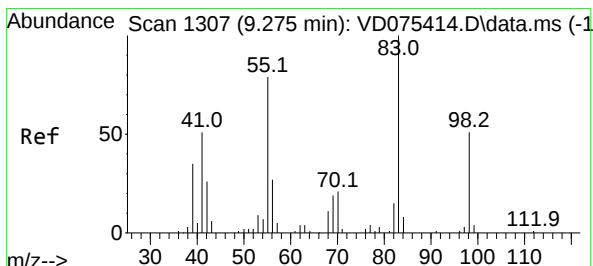
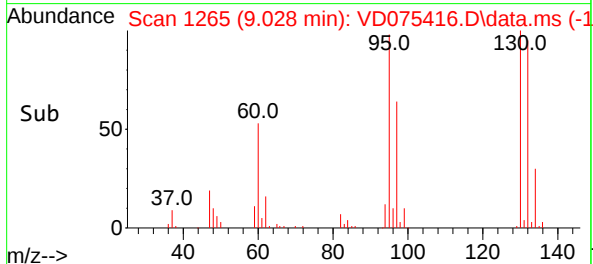
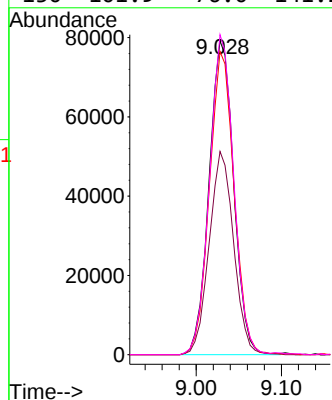
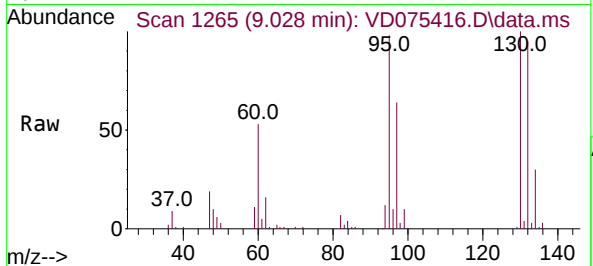




#34
Trichloroethene
Concen: 97.237 ug/L
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD075416.D
Acq: 23 Feb 2023 16:24

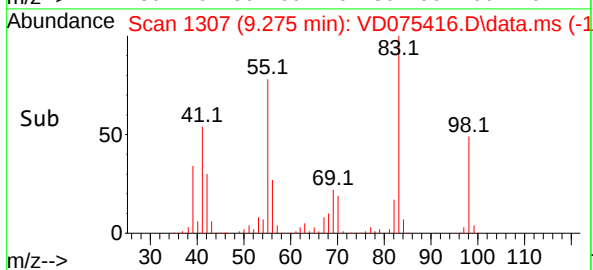
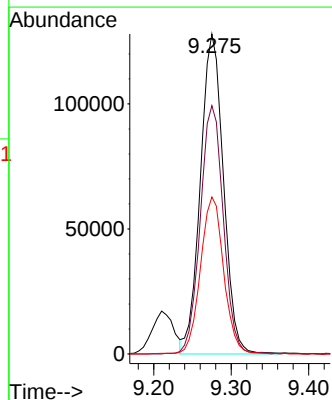
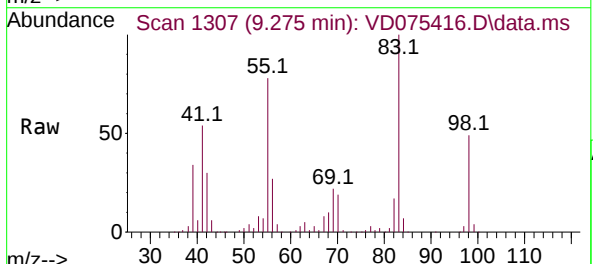
Instrument :
MSVOA_D
ClientSampleId :
VSTD100109

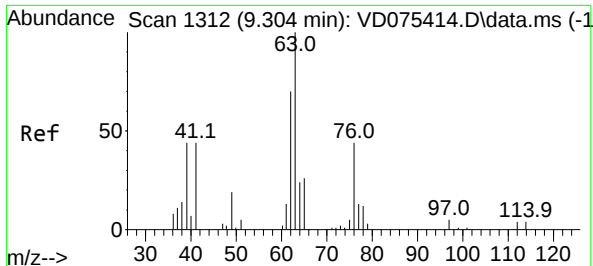
Tgt Ion: 95 Resp: 158995
Ion Ratio Lower Upper
95 100
97 64.7 45.4 84.4
132 96.6 65.9 122.3
130 101.9 76.0 141.2



#35
Methylcyclohexane
Concen: 100.966 ug/L
RT: 9.275 min Scan# 1307
Delta R.T. 0.000 min
Lab File: VD075416.D
Acq: 23 Feb 2023 16:24

Tgt Ion: 83 Resp: 264474
Ion Ratio Lower Upper
83 100
55 77.7 60.6 90.8
98 49.3 39.6 59.4





#37

1,2-Dichloropropane

Concen: 99.585 ug/L

RT: 9.304 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD075416.D

Acq: 23 Feb 2023 16:24

Instrument :

MSVOA_D

ClientSampleId :

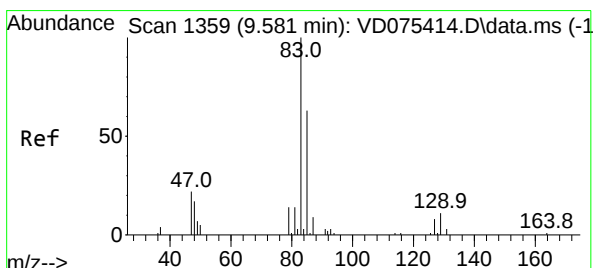
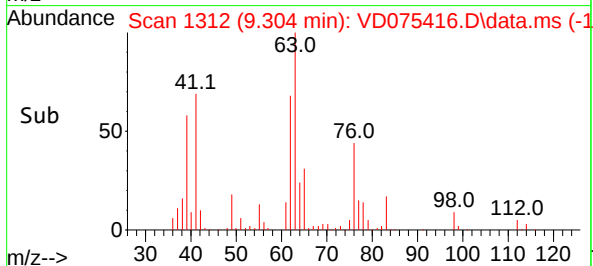
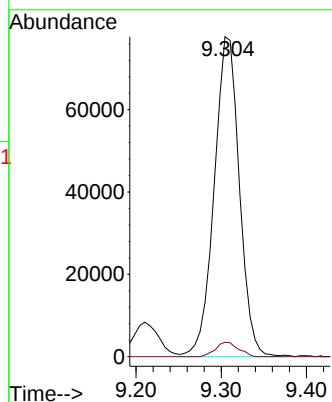
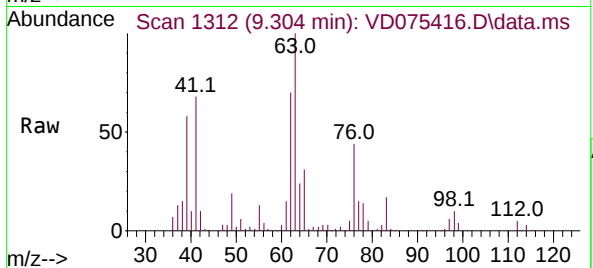
VSTD100109

Tgt Ion: 63 Resp: 159634

Ion Ratio Lower Upper

63 100

112 4.1 3.5 5.3



#38

Bromodichloromethane

Concen: 98.739 ug/L

RT: 9.587 min Scan# 1360

Delta R.T. 0.006 min

Lab File: VD075416.D

Acq: 23 Feb 2023 16:24

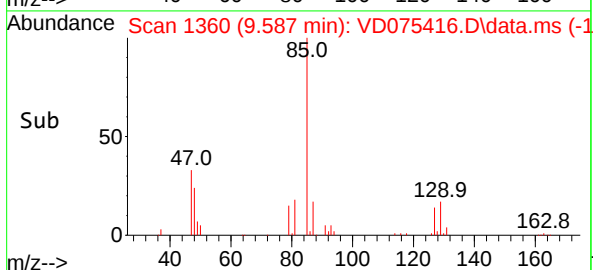
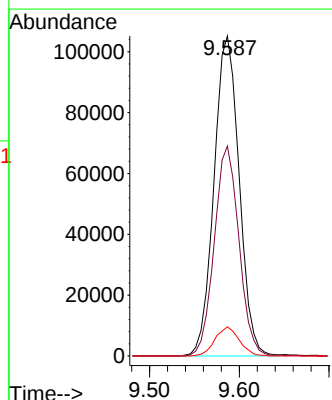
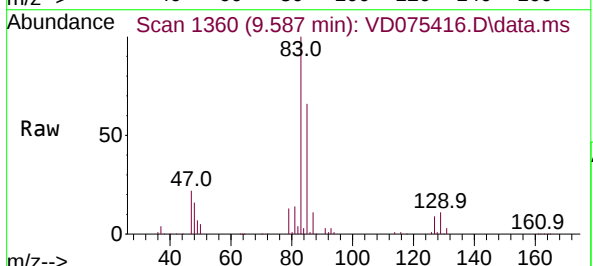
Tgt Ion: 83 Resp: 204764

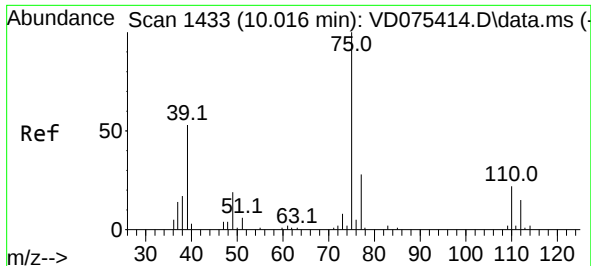
Ion Ratio Lower Upper

83 100

85 65.6 43.9 81.5

127 9.1 6.3 9.5

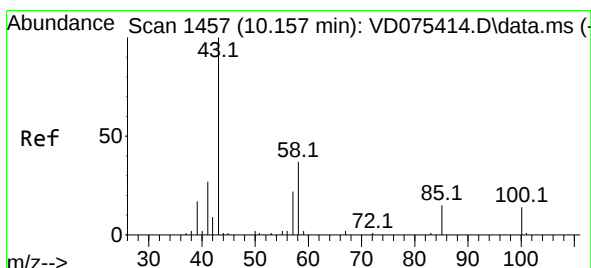
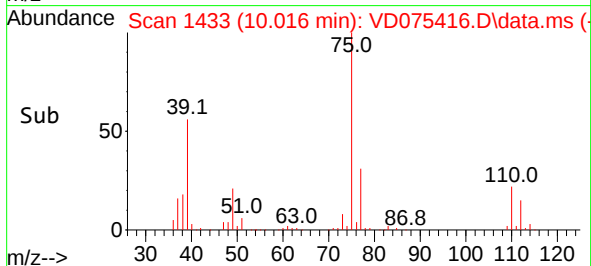
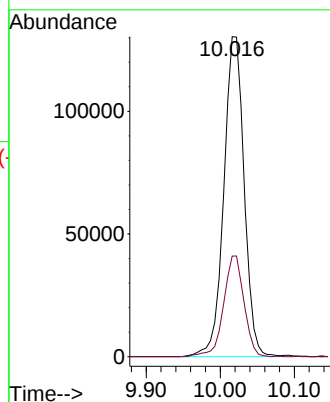
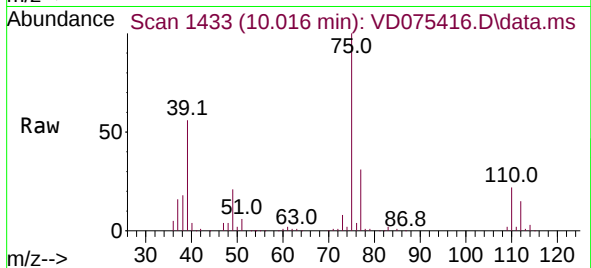




#39
 cis-1,3-Dichloropropene
 Concen: 106.977 ug/L
 RT: 10.016 min Scan# 1433
 Delta R.T. -0.000 min
 Lab File: VD075416.D
 Acq: 23 Feb 2023 16:24

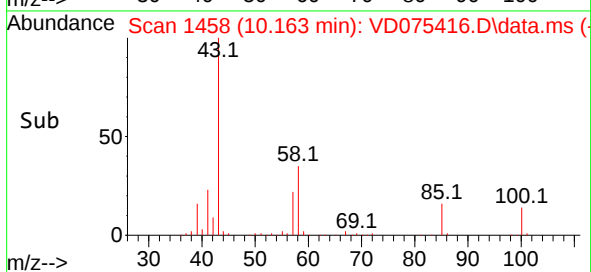
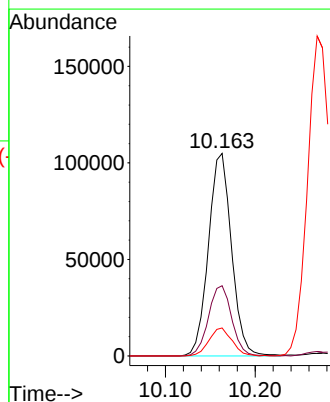
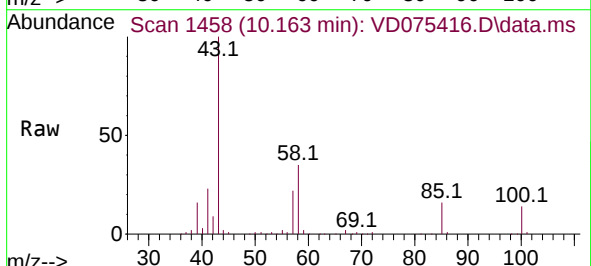
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD100109

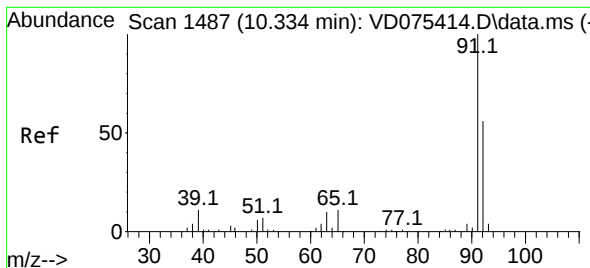
Tgt Ion: 75 Resp: 248879
 Ion Ratio Lower Upper
 75 100
 77 31.5 19.3 35.9



#40
 4-Methyl-2-pentanone
 Concen: 218.002 ug/L
 RT: 10.163 min Scan# 1458
 Delta R.T. 0.006 min
 Lab File: VD075416.D
 Acq: 23 Feb 2023 16:24

Tgt Ion: 43 Resp: 187777
 Ion Ratio Lower Upper
 43 100
 58 35.0 29.5 44.3
 100 13.7 11.4 17.2





#42

Toluene

Concen: 104.066 ug/L

RT: 10.334 min Scan# 1487

Delta R.T. -0.000 min

Lab File: VD075416.D

Acq: 23 Feb 2023 16:24

Instrument :

MSVOA_D

ClientSampleId :

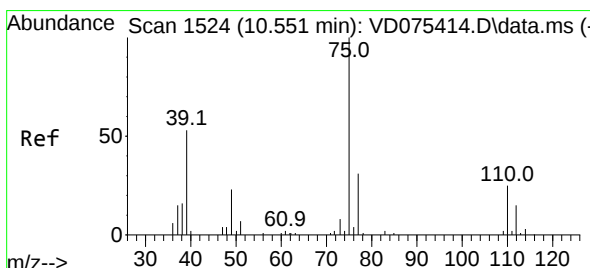
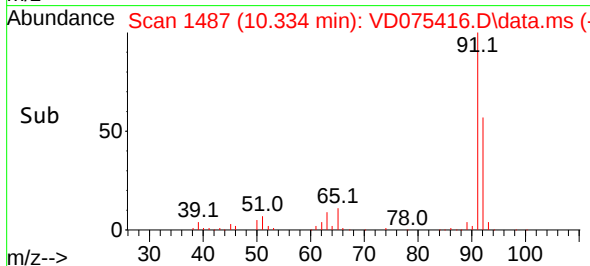
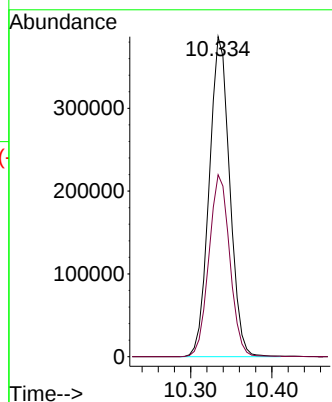
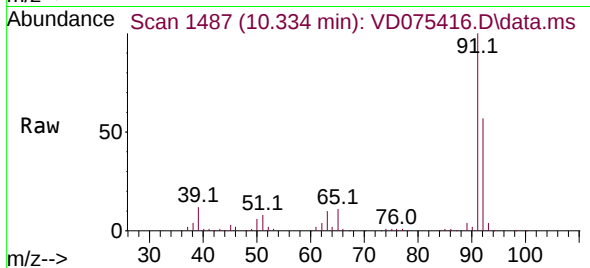
VSTD100109

Tgt Ion: 91 Resp: 678026

Ion Ratio Lower Upper

91 100

92 56.9 39.3 73.1



#44

trans-1,3-Dichloropropene

Concen: 108.622 ug/L

RT: 10.557 min Scan# 1525

Delta R.T. 0.006 min

Lab File: VD075416.D

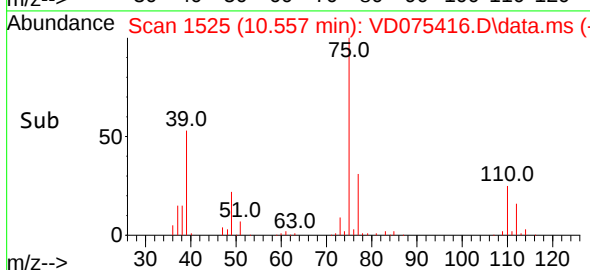
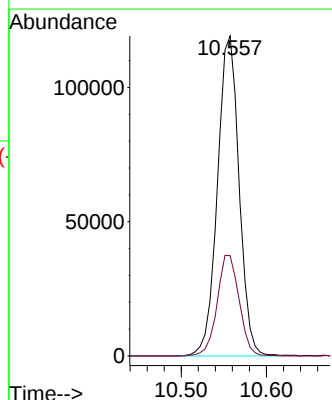
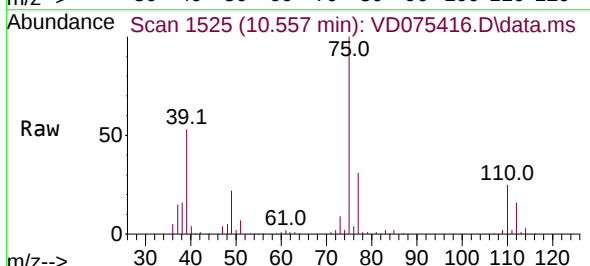
Acq: 23 Feb 2023 16:24

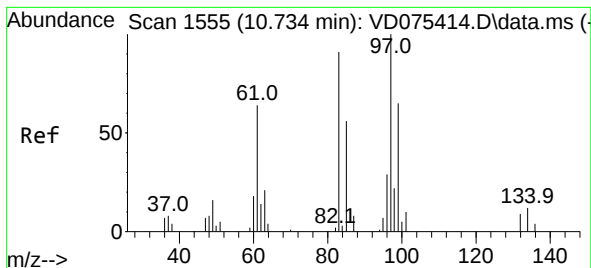
Tgt Ion: 75 Resp: 210219

Ion Ratio Lower Upper

75 100

77 31.4 21.4 39.8





#45

1,1,2-Trichloroethane

Concen: 98.731 ug/L

RT: 10.734 min Scan# 1555

Delta R.T. 0.000 min

Lab File: VD075416.D

Acq: 23 Feb 2023 16:24

Instrument :

MSVOA_D

ClientSampleId :

VSTD100109

Tgt Ion: 97 Resp: 110583

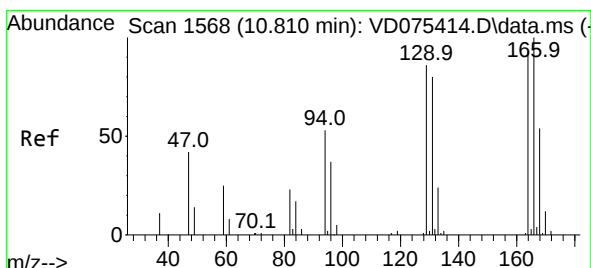
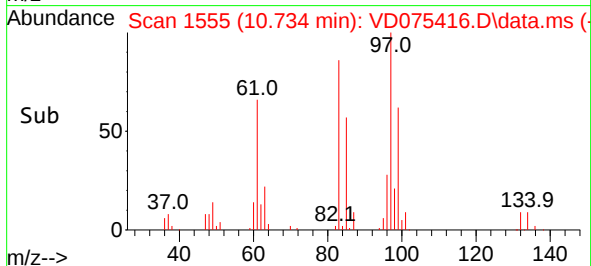
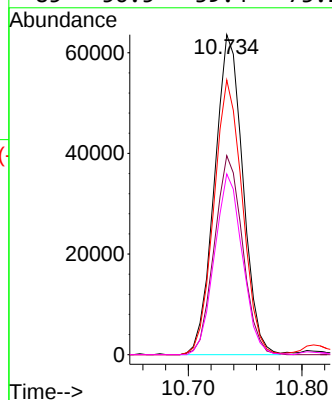
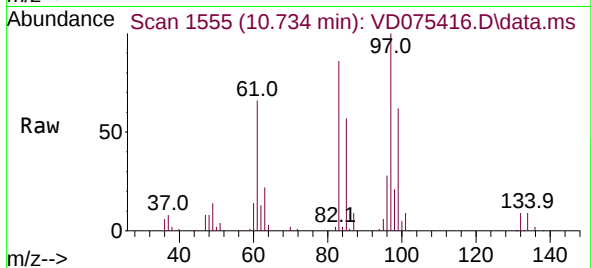
Ion Ratio Lower Upper

97 100

99 62.2 45.4 84.2

83 85.9 63.8 118.6

85 56.5 39.4 73.2



#46

Tetrachloroethene

Concen: 95.222 ug/L

RT: 10.810 min Scan# 1568

Delta R.T. 0.000 min

Lab File: VD075416.D

Acq: 23 Feb 2023 16:24

Tgt Ion:164 Resp: 122847

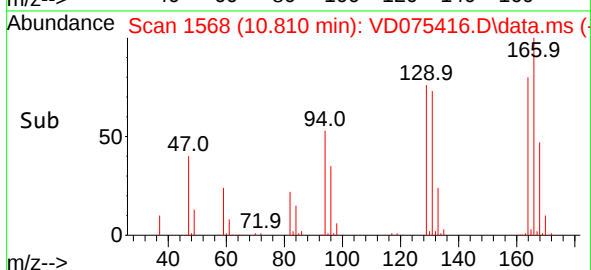
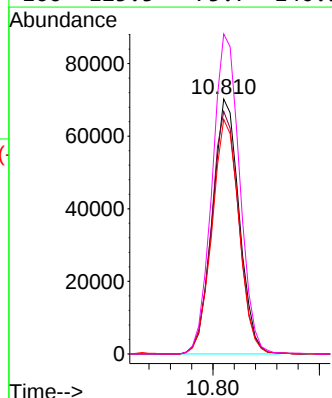
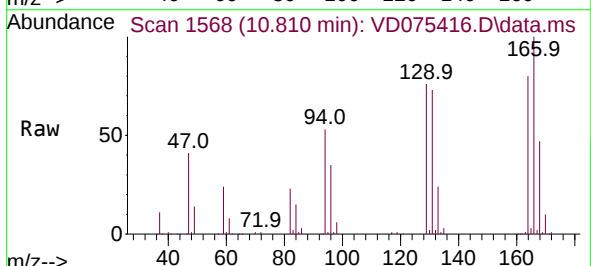
Ion Ratio Lower Upper

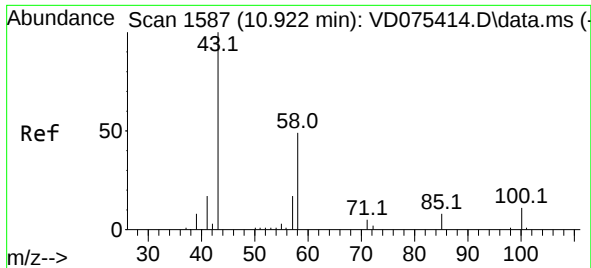
164 100

129 95.2 64.8 120.4

131 92.0 60.1 111.5

166 125.5 75.7 140.5

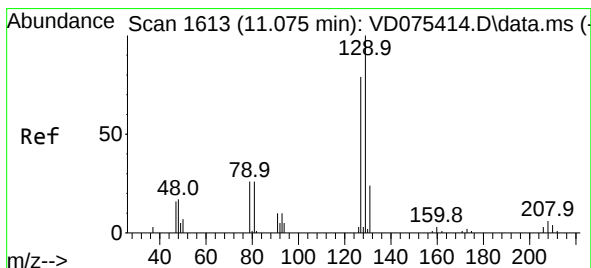
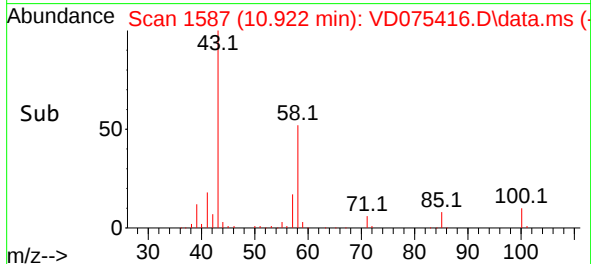
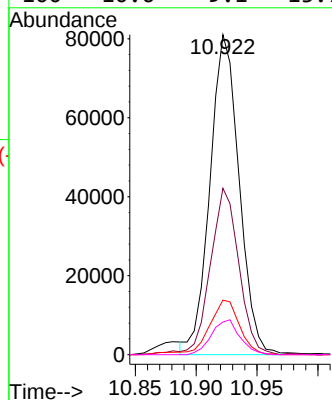
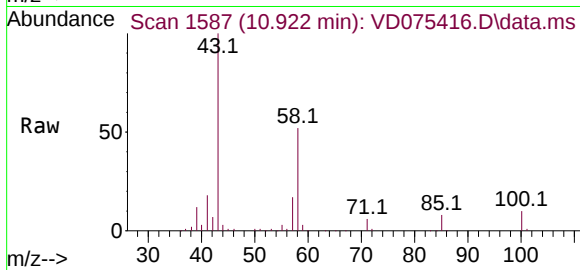




#48
2-Hexanone
Concen: 212.262 ug/L
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD075416.D
Acq: 23 Feb 2023 16:24

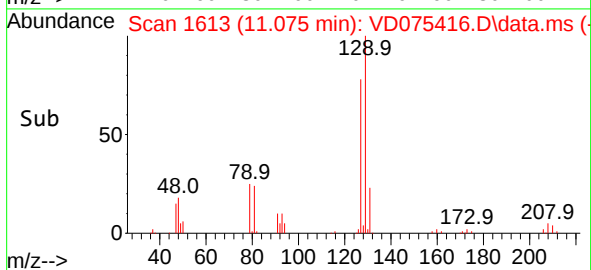
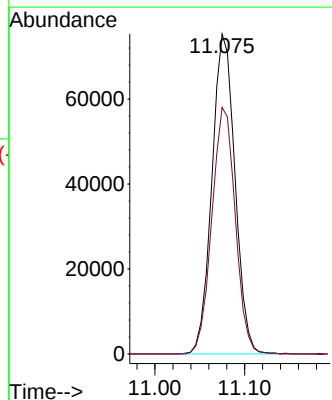
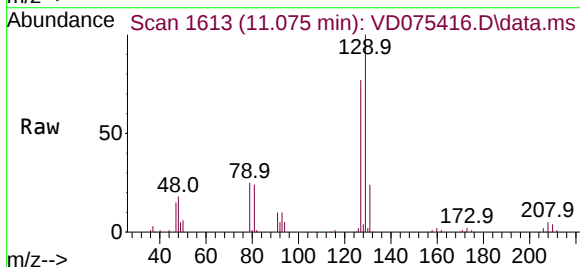
Instrument :
MSVOA_D
ClientSampleId :
VSTD100109

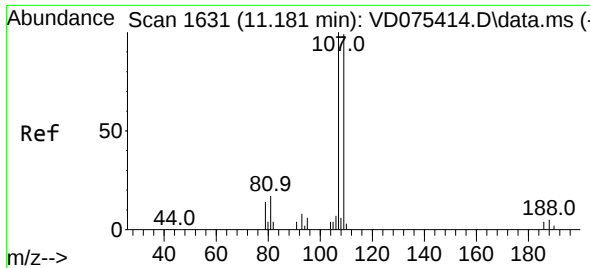
Tgt Ion: 43 Resp: 135275
Ion Ratio Lower Upper
43 100
58 50.2 40.3 60.5
57 17.9 13.4 20.0
100 10.6 9.1 13.7



#49
Dibromochloromethane
Concen: 102.071 ug/L
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD075416.D
Acq: 23 Feb 2023 16:24

Tgt Ion:129 Resp: 134399
Ion Ratio Lower Upper
129 100
127 77.0 55.3 102.7

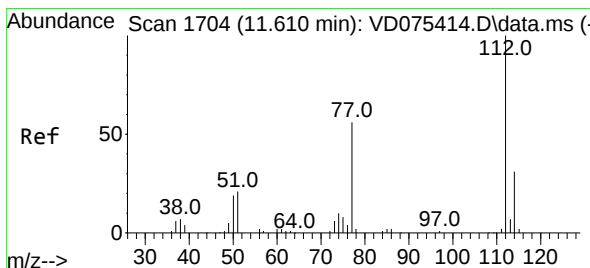
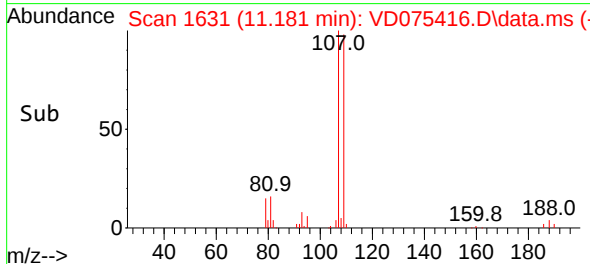
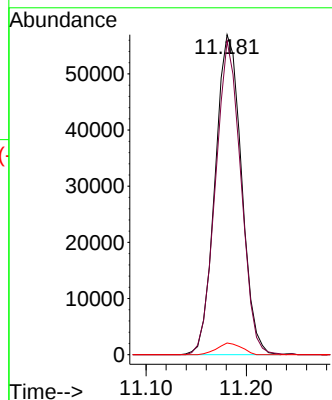
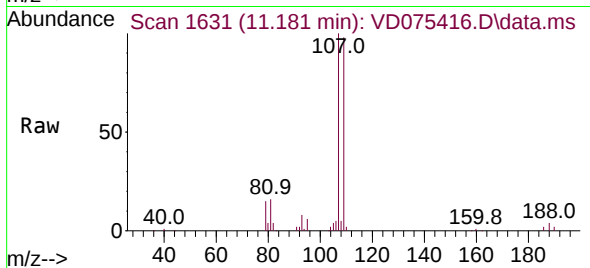




#50
1,2-Dibromoethane
Concen: 100.149 ug/L
RT: 11.181 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD075416.D
Acq: 23 Feb 2023 16:24

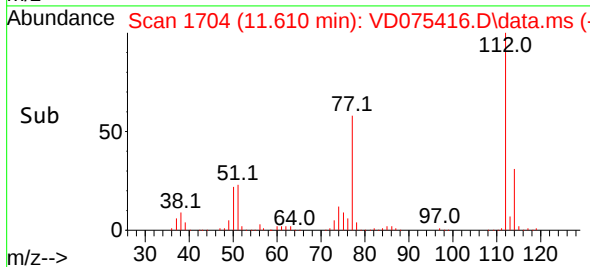
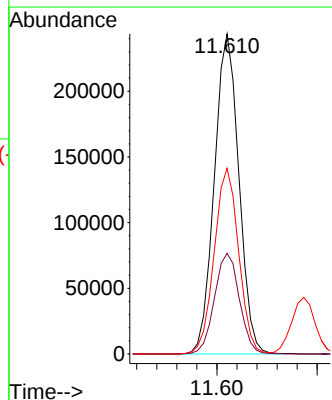
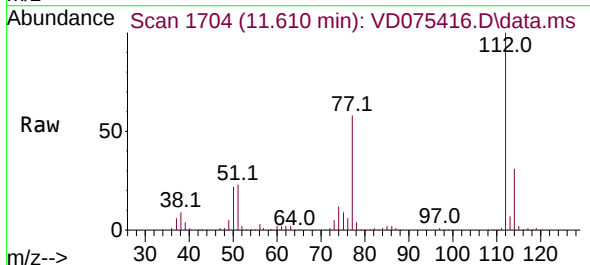
Instrument :
MSVOA_D
ClientSampleId :
VSTD100109

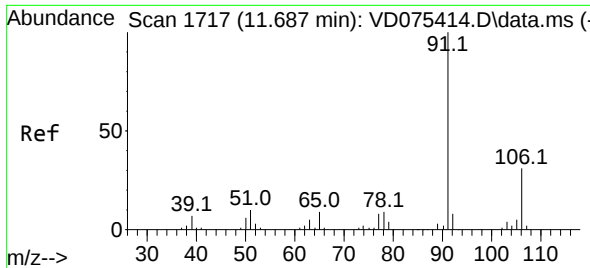
Tgt Ion:107 Resp: 103649
Ion Ratio Lower Upper
107 100
109 98.0 69.6 129.2
188 3.7 3.8 5.6#



#51
Chlorobenzene
Concen: 100.005 ug/L
RT: 11.610 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VD075416.D
Acq: 23 Feb 2023 16:24

Tgt Ion:112 Resp: 413227
Ion Ratio Lower Upper
112 100
114 31.5 21.4 39.8
77 58.0 45.1 67.7

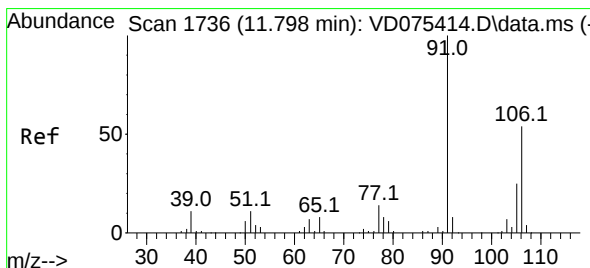
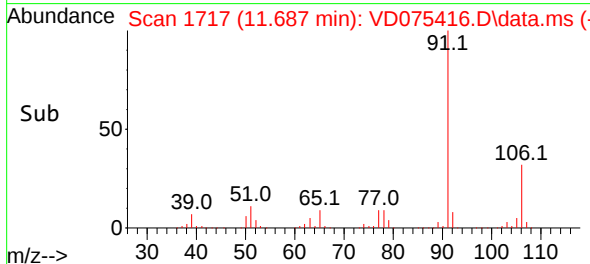
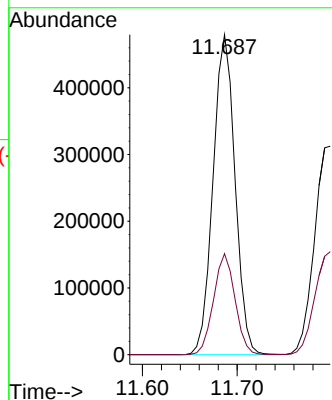
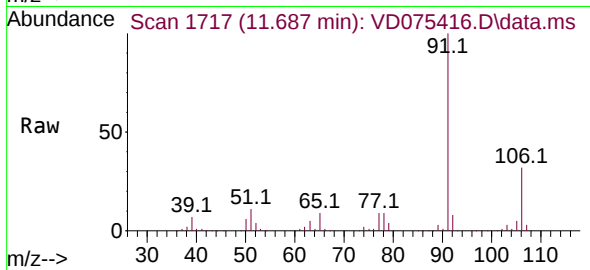




#52
Ethylbenzene
Concen: 107.427 ug/L
RT: 11.687 min Scan# 1717
Delta R.T. -0.000 min
Lab File: VD075416.D
Acq: 23 Feb 2023 16:24

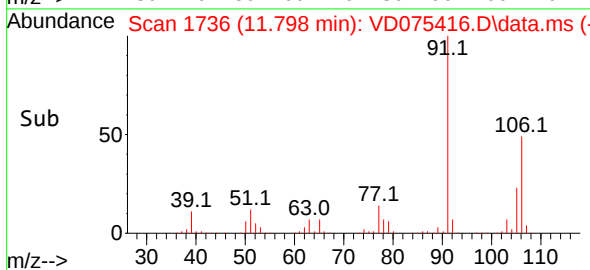
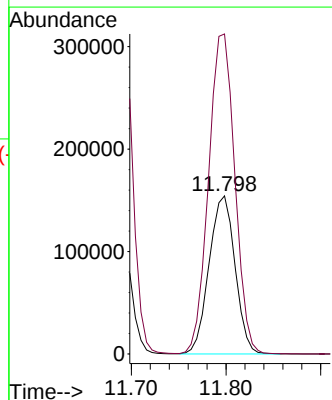
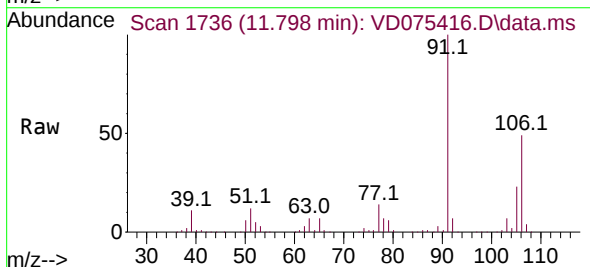
Instrument :
MSVOA_D
ClientSampleId :
VSTD100109

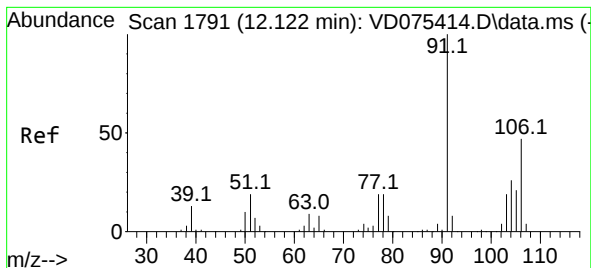
Tgt Ion: 91 Resp: 773205
Ion Ratio Lower Upper
91 100
106 31.5 21.8 40.6



#53
m,p-Xylene
Concen: 108.457 ug/L
RT: 11.798 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VD075416.D
Acq: 23 Feb 2023 16:24

Tgt Ion:106 Resp: 294336
Ion Ratio Lower Upper
106 100
91 202.4 131.2 243.6





#54

o-Xylene

Concen: 111.104 ug/L

RT: 12.122 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VD075416.D

Acq: 23 Feb 2023 16:24

Instrument :

MSVOA_D

ClientSampleId :

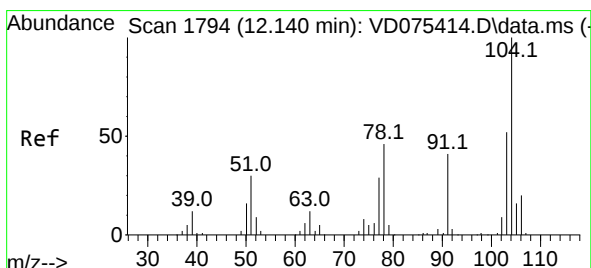
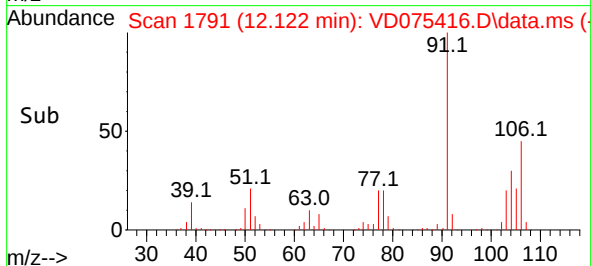
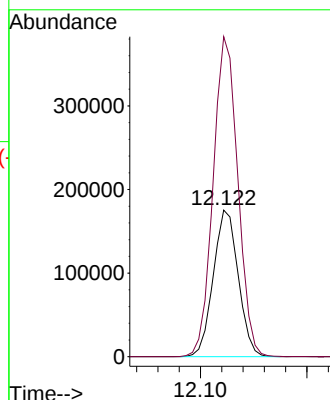
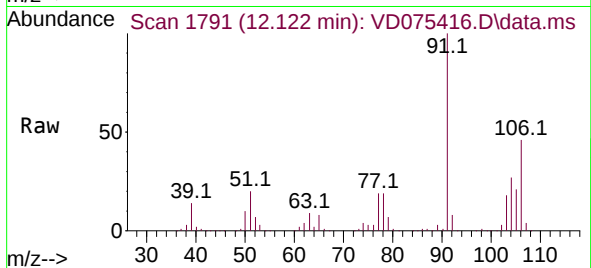
VSTD100109

Tgt Ion:106 Resp: 285060

Ion Ratio Lower Upper

106 100

91 218.2 147.7 274.3



#55

Styrene

Concen: 112.506 ug/L

RT: 12.140 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VD075416.D

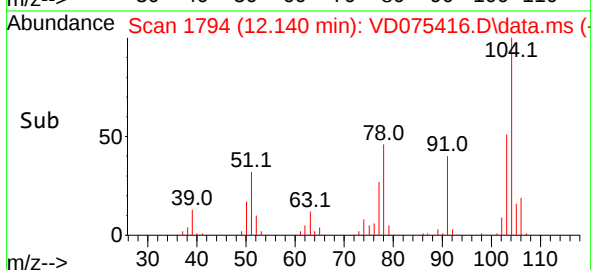
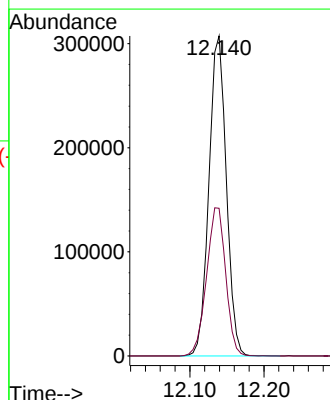
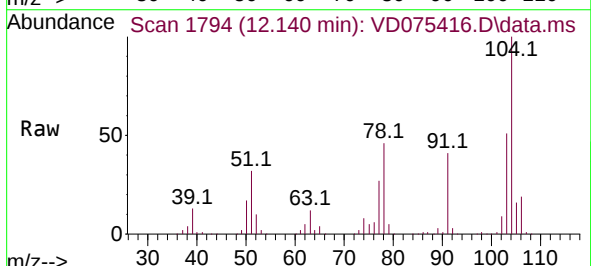
Acq: 23 Feb 2023 16:24

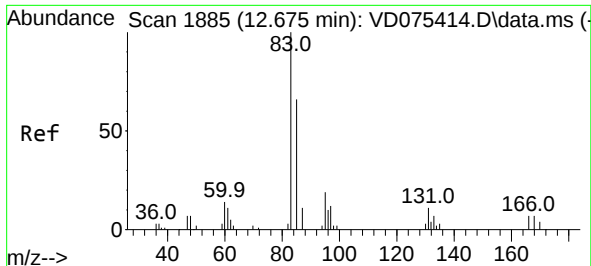
Tgt Ion:104 Resp: 501524

Ion Ratio Lower Upper

104 100

78 46.1 32.5 60.3

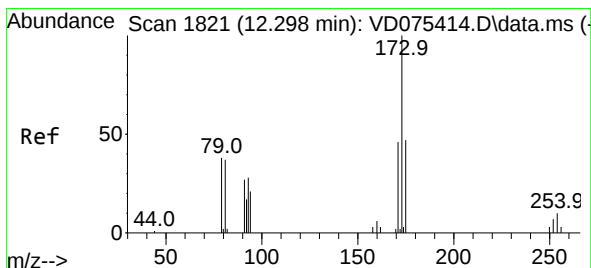
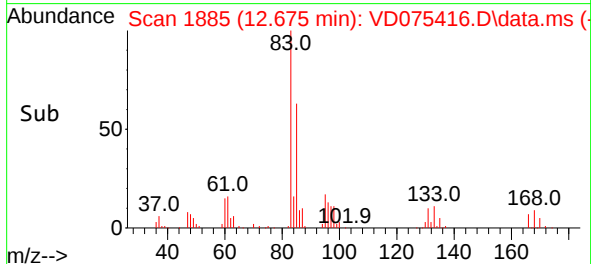
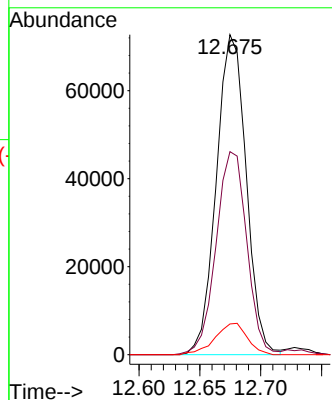
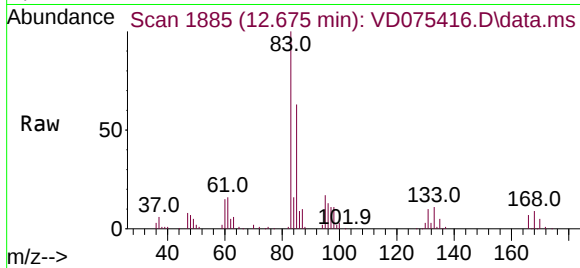




#57
1,1,2,2-Tetrachloroethane
Concen: 99.898 ug/L
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD075416.D
Acq: 23 Feb 2023 16:24

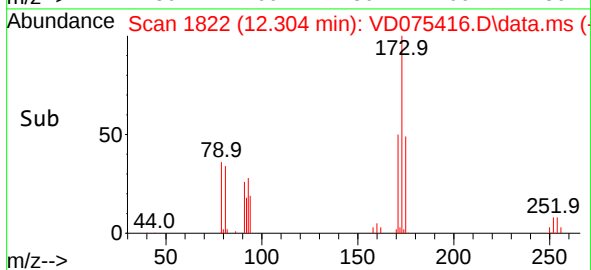
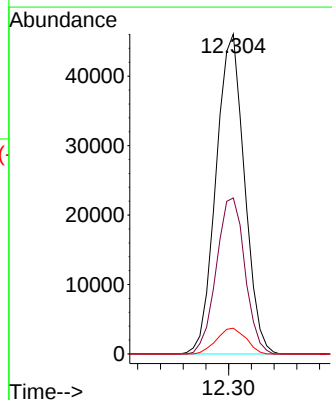
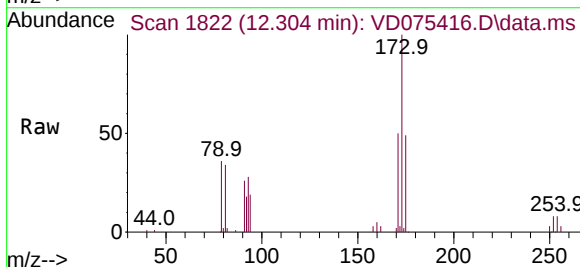
Instrument :
MSVOA_D
ClientSampleId :
VSTD100109

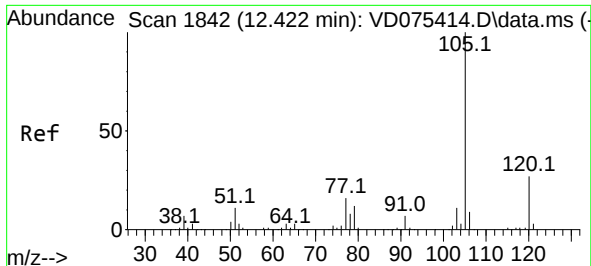
Tgt Ion: 83 Resp: 124307
Ion Ratio Lower Upper
83 100
85 63.4 45.9 85.3
131 9.6 9.0 13.6



#59
Bromoform
Concen: 97.413 ug/L
RT: 12.304 min Scan# 1822
Delta R.T. 0.006 min
Lab File: VD075416.D
Acq: 23 Feb 2023 16:24

Tgt Ion: 173 Resp: 80021
Ion Ratio Lower Upper
173 100
175 49.0 37.7 56.5
254 8.3 7.0 10.4

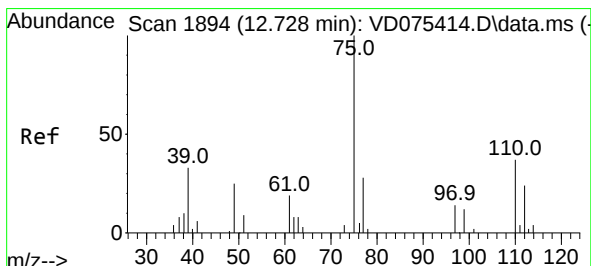
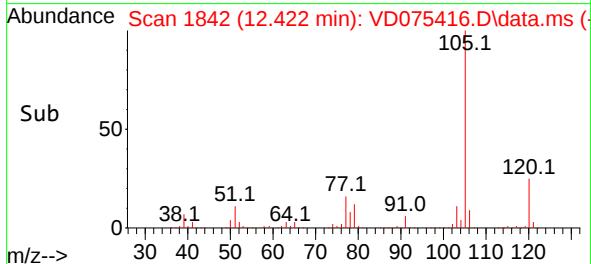
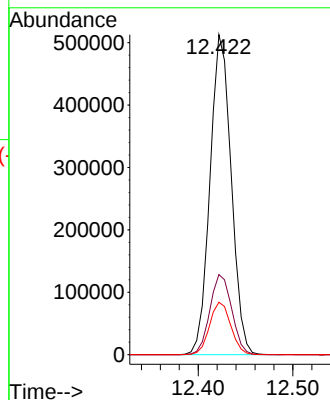
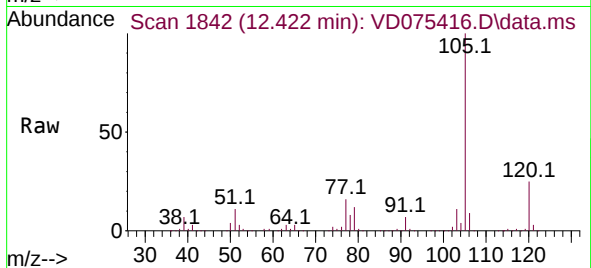




#60
Isopropylbenzene
Concen: 107.237 ug/L
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD075416.D
Acq: 23 Feb 2023 16:24

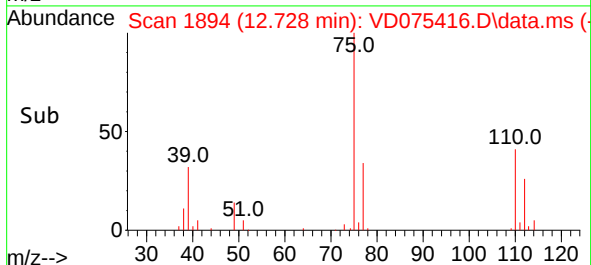
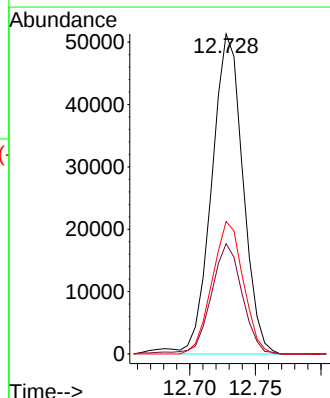
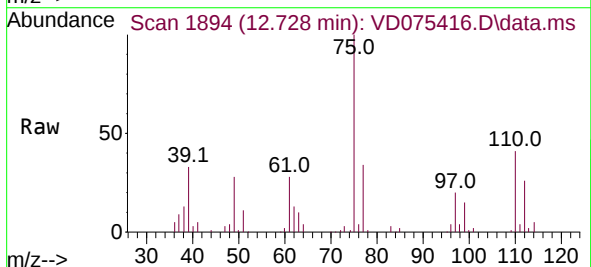
Instrument :
MSVOA_D
ClientSampleId :
VSTD100109

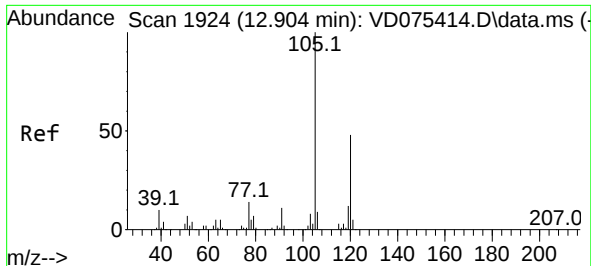
Tgt Ion:105 Resp: 799417
Ion Ratio Lower Upper
105 100
120 25.8 20.8 31.2
77 16.4 12.9 19.3



#61
1,2,3-Trichloropropane
Concen: 96.206 ug/L
RT: 12.728 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VD075416.D
Acq: 23 Feb 2023 16:24

Tgt Ion: 75 Resp: 84257
Ion Ratio Lower Upper
75 100
77 34.5 24.6 36.8
110 41.6 32.4 48.6

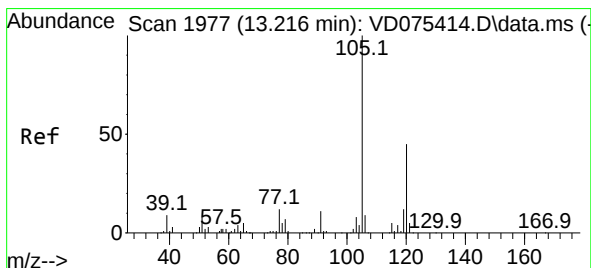
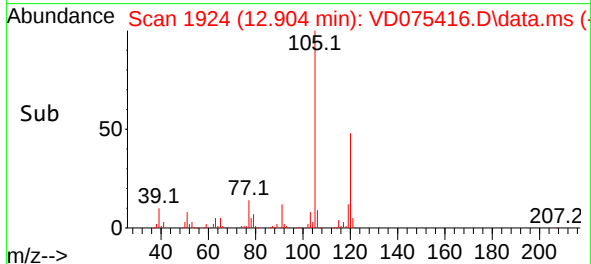
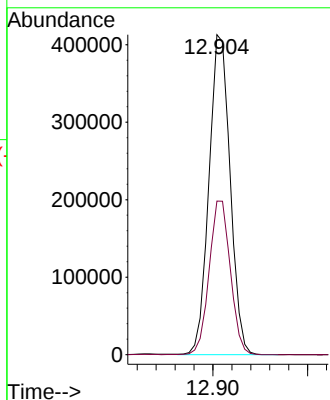
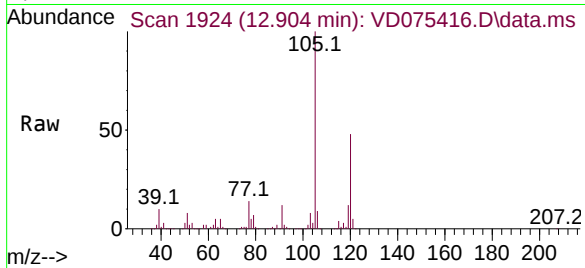




#62
1,3,5-Trimethylbenzene
Concen: 109.449 ug/L
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD075416.D
Acq: 23 Feb 2023 16:24

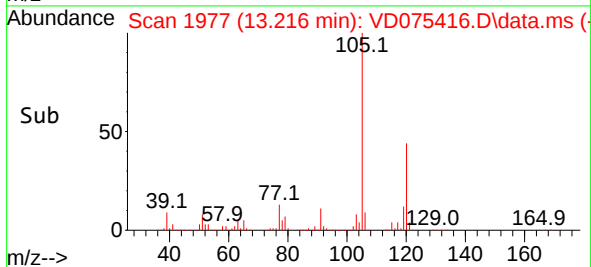
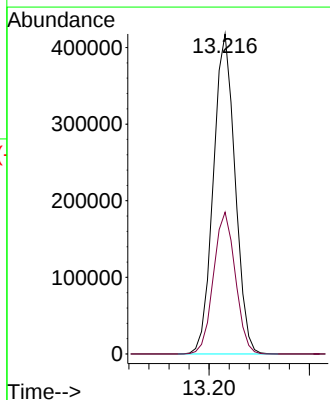
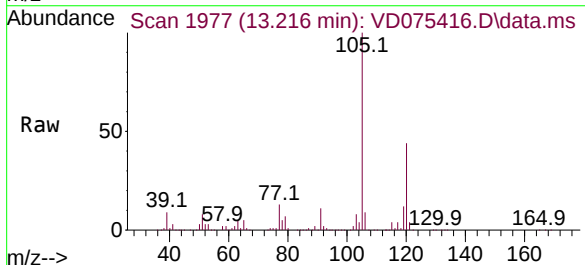
Instrument :
MSVOA_D
ClientSampleId :
VSTD100109

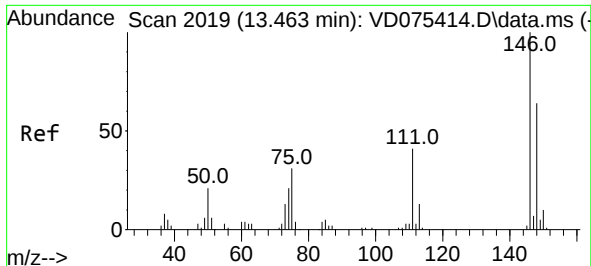
Tgt Ion:105 Resp: 639348
Ion Ratio Lower Upper
105 100
120 48.1 38.6 57.8



#63
1,2,4-Trimethylbenzene
Concen: 111.410 ug/L
RT: 13.216 min Scan# 1977
Delta R.T. -0.000 min
Lab File: VD075416.D
Acq: 23 Feb 2023 16:24

Tgt Ion:105 Resp: 627364
Ion Ratio Lower Upper
105 100
120 44.5 36.3 54.5





#64

1,3-Dichlorobenzene

Concen: 98.505 ug/L

RT: 13.463 min Scan# 2019

Delta R.T. 0.000 min

Lab File: VD075416.D

Acq: 23 Feb 2023 16:24

Instrument :

MSVOA_D

ClientSampleId :

VSTD100109

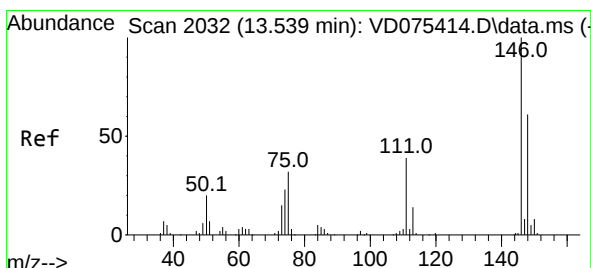
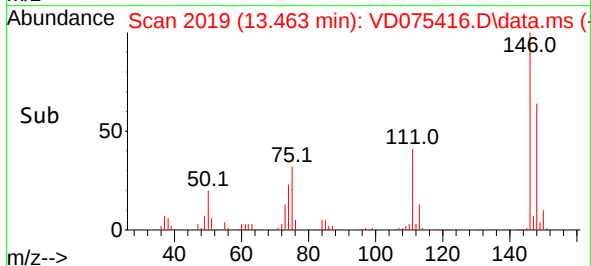
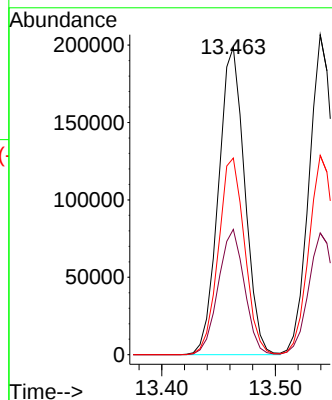
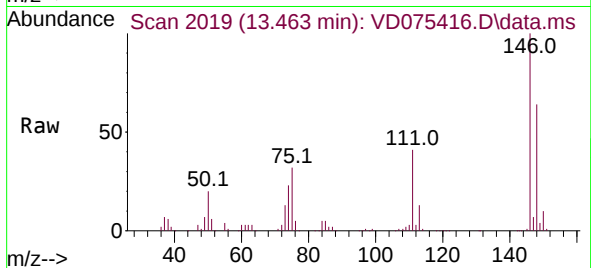
Tgt Ion:146 Resp: 319620

Ion Ratio Lower Upper

146 100

111 40.8 28.8 53.4

148 64.0 44.7 83.1



#65

1,4-Dichlorobenzene

Concen: 97.018 ug/L

RT: 13.539 min Scan# 2032

Delta R.T. 0.000 min

Lab File: VD075416.D

Acq: 23 Feb 2023 16:24

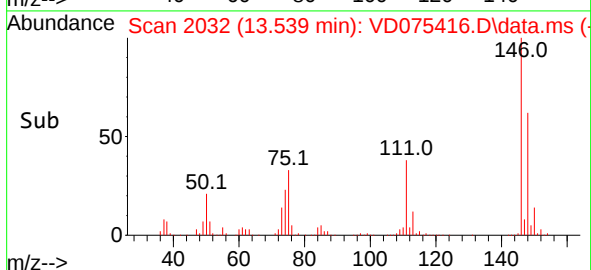
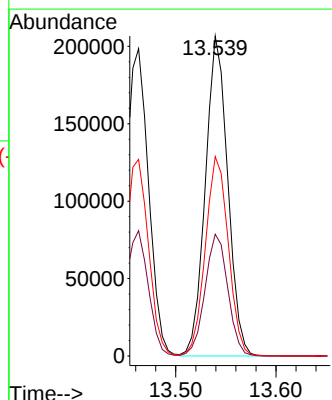
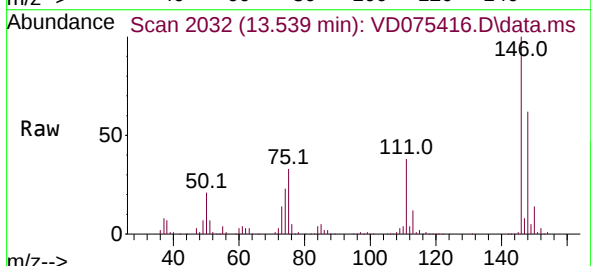
Tgt Ion:146 Resp: 321294

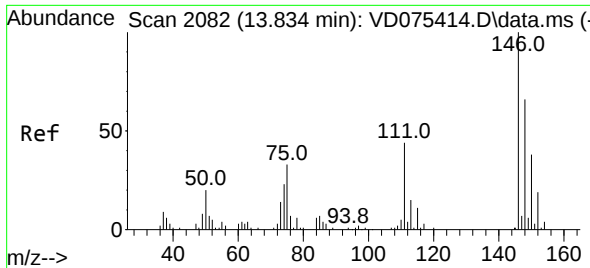
Ion Ratio Lower Upper

146 100

111 38.1 27.9 51.7

148 62.3 43.3 80.5

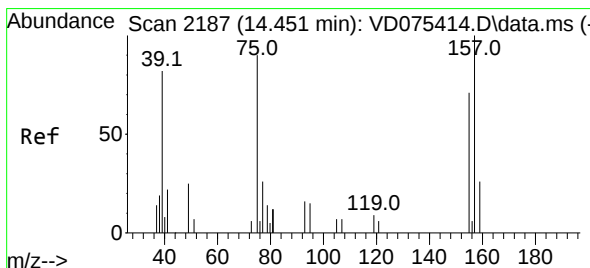
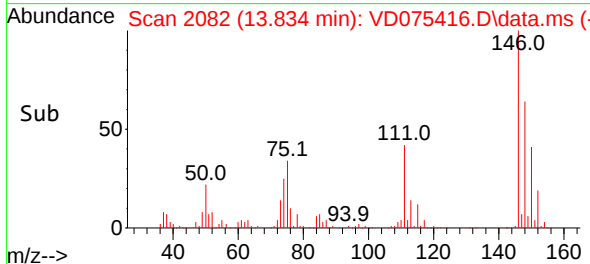
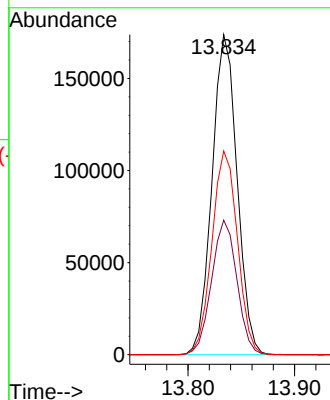
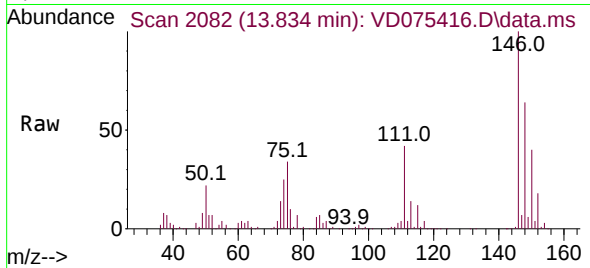




#67
1,2-Dichlorobenzene
Concen: 99.902 ug/L
RT: 13.834 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VD075416.D
Acq: 23 Feb 2023 16:24

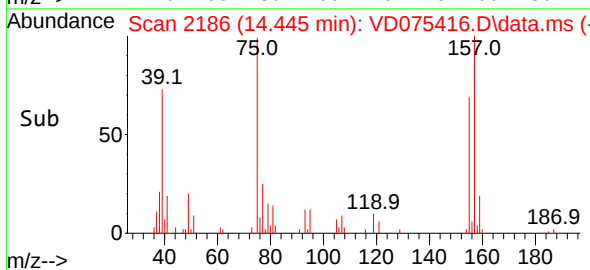
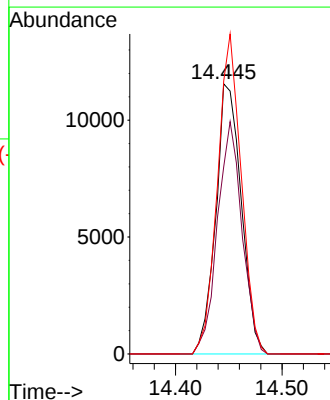
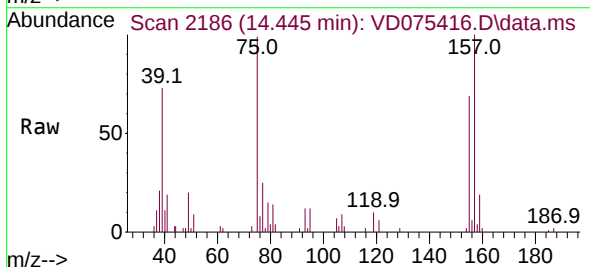
Instrument :
MSVOA_D
ClientSampleId :
VSTD100109

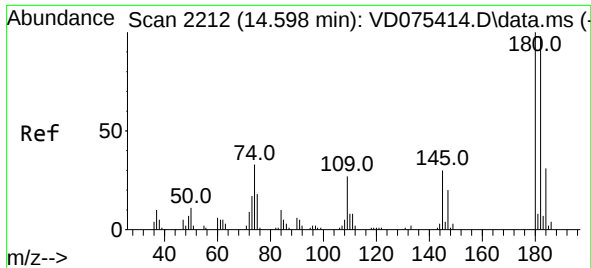
Tgt Ion:146 Resp: 284175
Ion Ratio Lower Upper
146 100
111 42.1 35.0 52.6
148 63.6 52.7 79.1



#68
1,2-Dibromo-3-chloropropane
Concen: 97.304 ug/L
RT: 14.445 min Scan# 2186
Delta R.T. -0.006 min
Lab File: VD075416.D
Acq: 23 Feb 2023 16:24

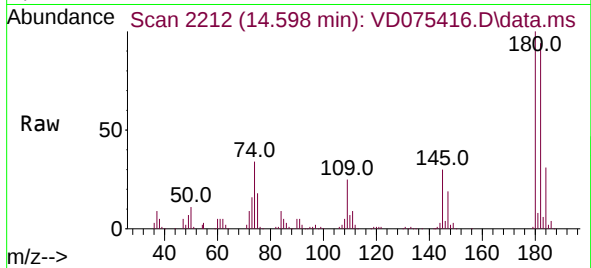
Tgt Ion: 75 Resp: 19200
Ion Ratio Lower Upper
75 100
155 69.3 63.1 94.7
157 101.1 89.2 133.8



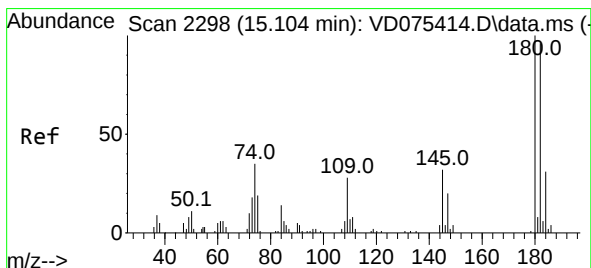
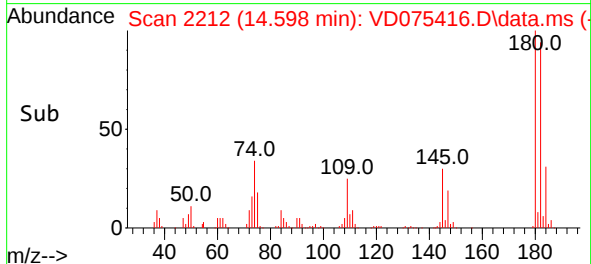
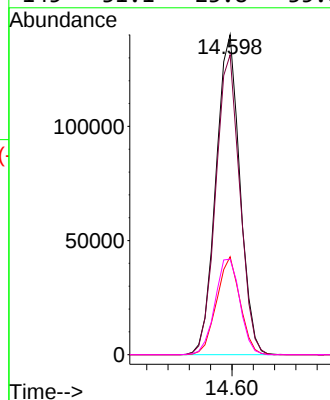


#69
 1,3,5-Trichlorobenzene
 Concen: 102.092 ug/L
 RT: 14.598 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD075416.D
 Acq: 23 Feb 2023 16:24

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD100109

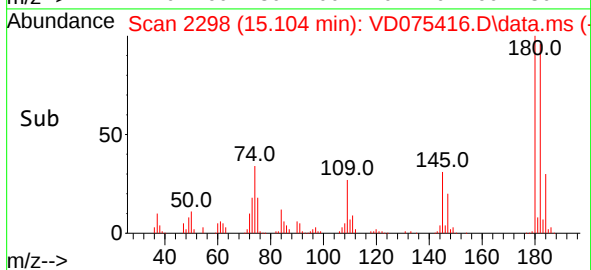
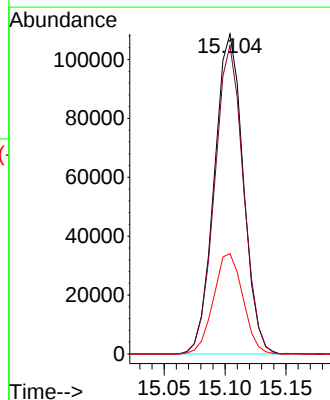
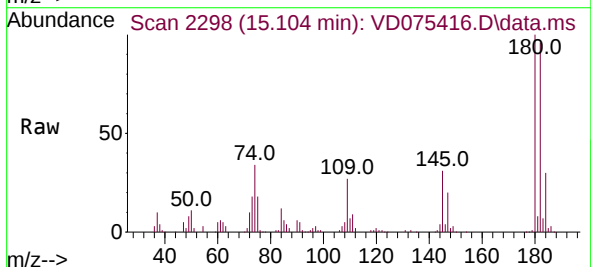


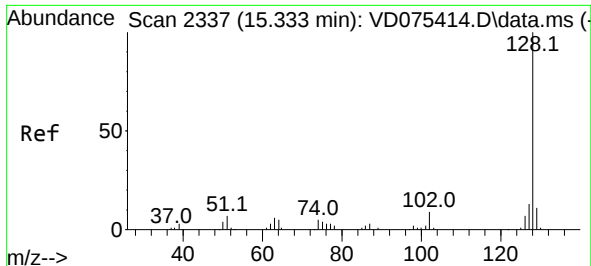
Tgt Ion:180 Resp: 218355
 Ion Ratio Lower Upper
 180 100
 182 94.1 75.0 112.6
 184 29.9 23.8 35.6
 145 31.1 23.8 35.8



#70
 1,2,4-trichlorobenzene
 Concen: 104.427 ug/L
 RT: 15.104 min Scan# 2298
 Delta R.T. -0.000 min
 Lab File: VD075416.D
 Acq: 23 Feb 2023 16:24

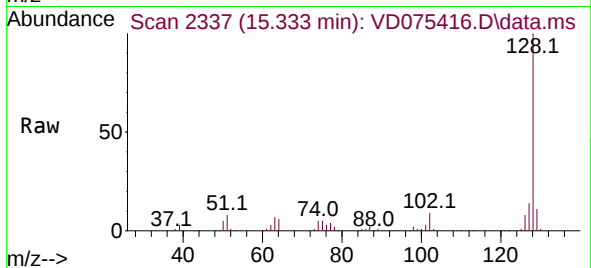
Tgt Ion:180 Resp: 179688
 Ion Ratio Lower Upper
 180 100
 182 96.0 77.1 115.7
 145 31.9 23.8 35.6



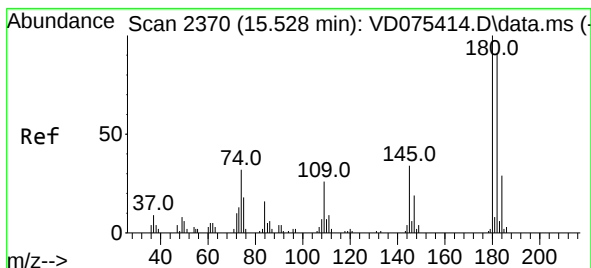
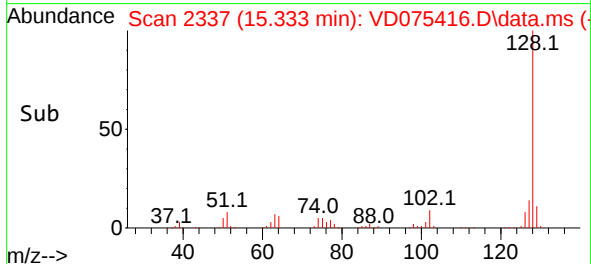
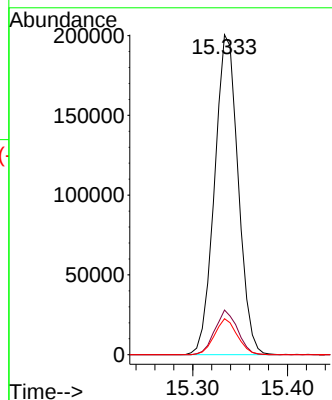


#71
Naphthalene
Concen: 111.581 ug/L
RT: 15.333 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD075416.D
Acq: 23 Feb 2023 16:24

Instrument :
MSVOA_D
ClientSampleId :
VSTD100109



Tgt Ion:128 Resp: 347121
Ion Ratio Lower Upper
128 100
127 13.4 10.6 16.0
129 10.8 8.6 12.8



#72
1,2,3-Trichlorobenzene
Concen: 105.462 ug/L
RT: 15.528 min Scan# 2370
Delta R.T. 0.000 min
Lab File: VD075416.D
Acq: 23 Feb 2023 16:24

Tgt Ion:180 Resp: 156497
Ion Ratio Lower Upper
180 100
182 95.2 75.4 113.2
145 33.6 26.6 39.8

