

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022323\
 Data File : VD075418.D
 Acq On : 23 Feb 2023 17:19
 Operator : KP/SY
 Sample : VSTDICV025
 Misc : 5.00G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VICV110

Quant Time: Feb 24 00:02:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM022323SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Feb 23 23:55:37 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	88436	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	80828	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	40523	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	38738	22.110	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.440%
7) Chloroethane-d5	2.805	69	32284	21.791	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.160%
11) 1,1-Dichloroethene-d2	3.922	63	60077	22.968	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	91.880%
21) 2-Butanone-d5	6.993	46	12204	46.708	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.420%
24) Chloroform-d	7.569	84	57663	22.619	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.480%
26) 1,2-Dichloroethane-d4	8.234	65	29032	23.023	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.080%
32) Benzene-d6	8.205	84	113537	22.500	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.000%
36) 1,2-Dichloropropane-d6	9.210	67	32996	21.999	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.000%
41) Toluene-d8	10.269	98	104292	22.860	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.440%
43) trans-1,3-Dichloroprop...	10.528	79	13459	22.283	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.120%
47) 2-Hexanone-d5	10.881	63	8953	45.349	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.700%
56) 1,1,2,2-Tetrachloroeth...	12.657	84	24009	22.647	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.600%
66) 1,2-Dichlorobenzene-d4	13.816	152	31861	22.273	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.080%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	38419	22.650	ug/L	96
3) Chloromethane	2.146	50	47029	23.200	ug/L	98
5) Vinyl chloride	2.281	62	50982	22.625	ug/L	98
6) Bromomethane	2.693	94	27381	24.411	ug/L	97
8) Chloroethane	2.840	64	33147	24.147	ug/L	97
9) Trichlorofluoromethane	3.175	101	60449	23.717	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	3.975	101	36318	23.732	ug/L	98
12) 1,1-Dichloroethene	3.940	96	31352	23.800	ug/L	97
13) Acetone	4.022	43	15706	44.347	ug/L	99
14) Carbon disulfide	4.269	76	98053	23.088	ug/L	98
15) Methyl Acetate	4.564	43	14343	26.368	ug/L #	85
16) Methylene chloride	4.805	84	36267	20.508	ug/L	92
17) trans-1,2-Dichloroethene	5.316	96	33759	24.863	ug/L	94
18) Methyl tert-butyl Ether	5.316	73	71314	25.742	ug/L	99
19) 1,1-Dichloroethane	6.111	63	64518	24.672	ug/L	99
20) cis-1,2-Dichloroethene	7.081	96	35275	24.339	ug/L	100
22) 2-Butanone	7.087	43	19016	46.140	ug/L	99
23) Bromochloromethane	7.428	128	16275	25.372	ug/L #	80
25) Chloroform	7.599	83	65912	24.563	ug/L	94

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 Response via : Initial Calibration

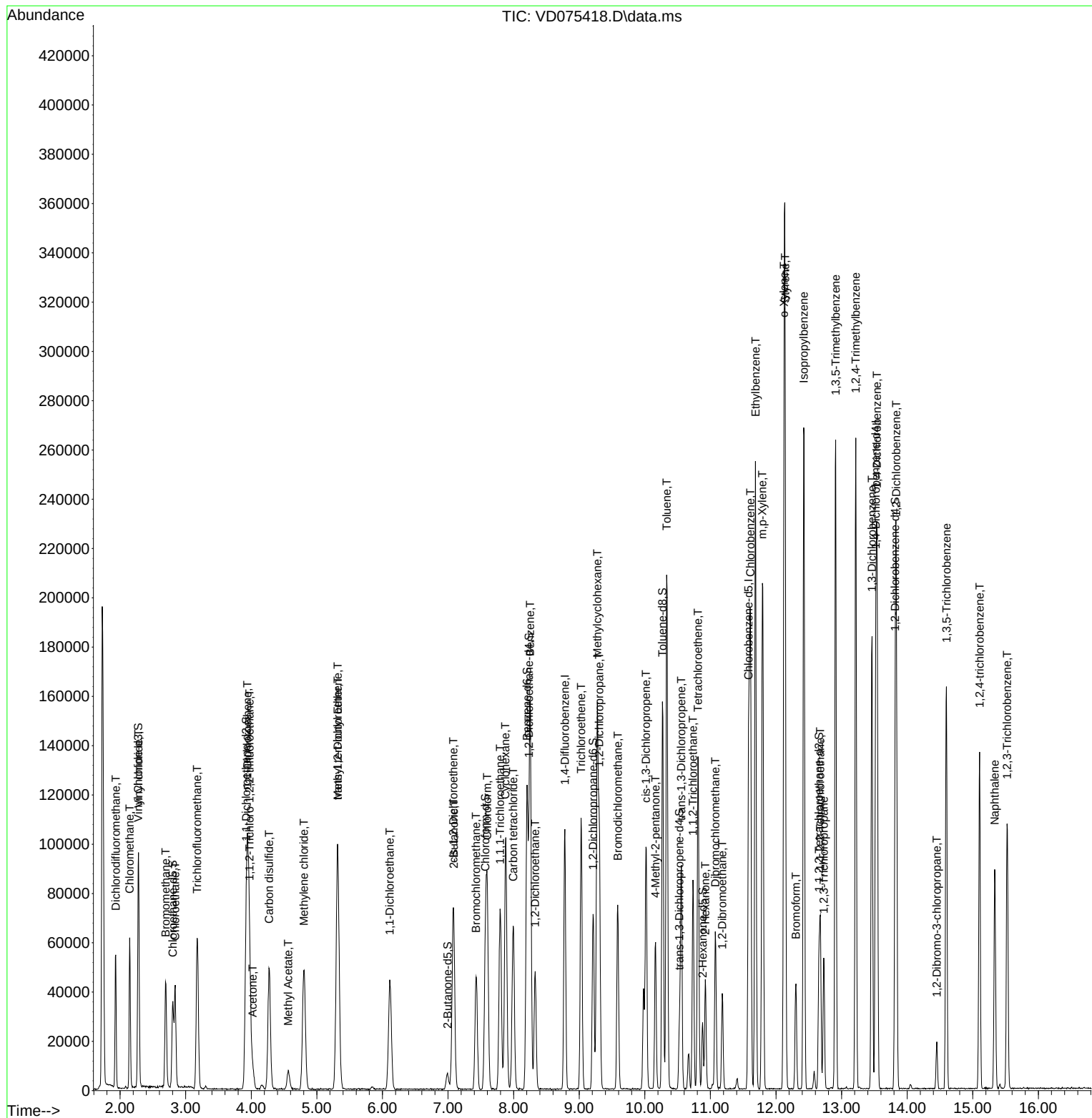
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.328	62	41603	24.665	ug/L	98
29) Cyclohexane	7.875	56	53194	24.033	ug/L	98
30) 1,1,1-Trichloroethane	7.793	97	60588	24.646	ug/L	98
31) Carbon tetrachloride	7.993	117	49195	23.308	ug/L	97
33) Benzene	8.252	78	141281	24.388	ug/L	100
34) Trichloroethene	9.028	95	37105	24.091	ug/L	96
35) Methylcyclohexane	9.275	83	57978	23.498	ug/L	99
37) 1,2-Dichloropropane	9.304	63	37312	24.711	ug/L	98
38) Bromodichloromethane	9.587	83	47922	24.532	ug/L	100
39) cis-1,3-Dichloropropene	10.016	75	55113	25.149	ug/L	90
40) 4-Methyl-2-pentanone	10.163	43	40506	49.924	ug/L	98
42) Toluene	10.334	91	152844	24.905	ug/L	99
44) trans-1,3-Dichloropropene	10.557	75	47071	25.821	ug/L	99
45) 1,1,2-Trichloroethane	10.734	97	26343	24.969	ug/L	94
46) Tetrachloroethene	10.810	164	28737	23.648	ug/L	95
48) 2-Hexanone	10.922	43	29122	48.512	ug/L	99
49) Dibromochloromethane	11.075	129	31479	25.380	ug/L	98
50) 1,2-Dibromoethane	11.181	107	24456	25.086	ug/L #	91
51) Chlorobenzene	11.610	112	93750	24.087	ug/L	96
52) Ethylbenzene	11.687	91	172588	25.457	ug/L	99
53) m,p-Xylene	11.793	106	64464	25.217	ug/L	88
54) o-Xylene	12.122	106	61404	25.407	ug/L	98
55) Styrene	12.140	104	107341	25.563	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.675	83	28658	24.450	ug/L	100
59) Bromoform	12.304	173	18396	24.534	ug/L	97
60) Isopropylbenzene	12.422	105	170770	25.097	ug/L	99
61) 1,2,3-Trichloropropane	12.728	75	20318	25.416	ug/L	98
62) 1,3,5-Trimethylbenzene	12.910	105	136346	25.571	ug/L	100
63) 1,2,4-Trimethylbenzene	13.216	105	133017	25.879	ug/L	100
64) 1,3-Dichlorobenzene	13.463	146	72009	24.313	ug/L	98
65) 1,4-Dichlorobenzene	13.540	146	74009	24.483	ug/L	97
67) 1,2-Dichlorobenzene	13.834	146	63679	24.526	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.451	75	4262	23.663	ug/L	93
69) 1,3,5-Trichlorobenzene	14.598	180	48269	24.725	ug/L	99
70) 1,2,4-trichlorobenzene	15.104	180	38976	24.816	ug/L	97
71) Naphthalene	15.334	128	72771	25.627	ug/L	99
72) 1,2,3-Trichlorobenzene	15.522	180	35755	26.397	ug/L	97

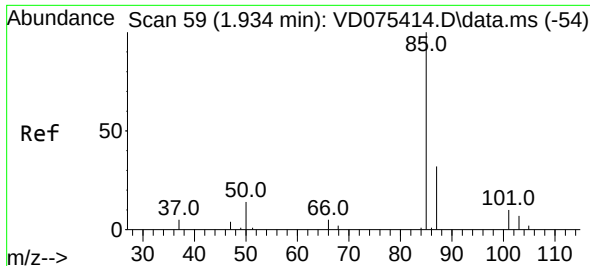
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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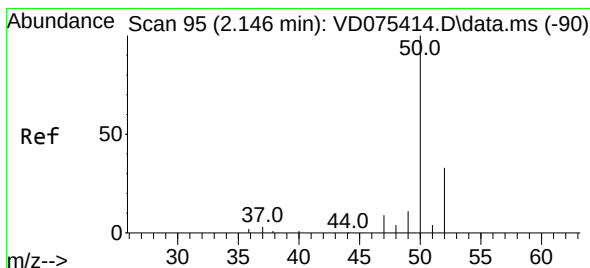
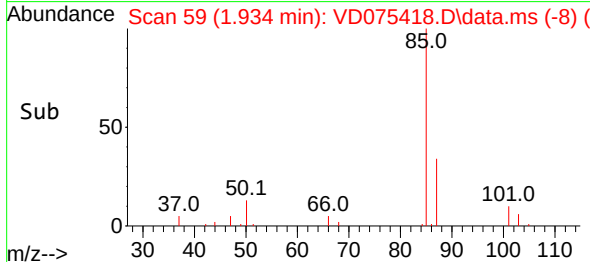
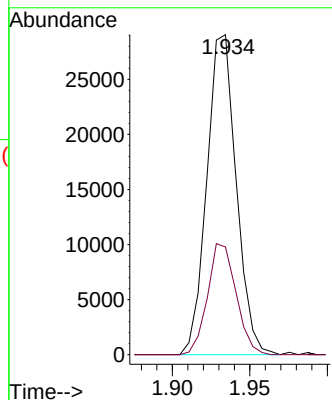
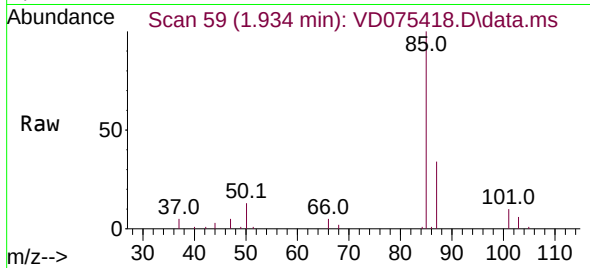




#2
 Dichlorodifluoromethane
 Concen: 22.650 ug/L
 RT: 1.934 min Scan# 59
 Delta R.T. 0.000 min
 Lab File: VD075418.D
 Acq: 23 Feb 2023 17:19

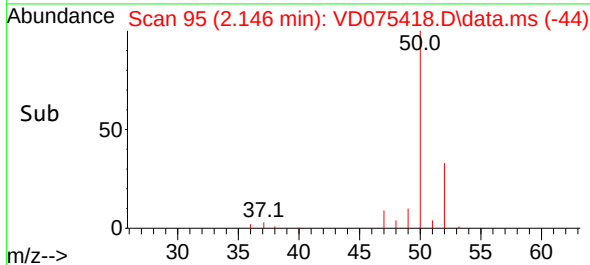
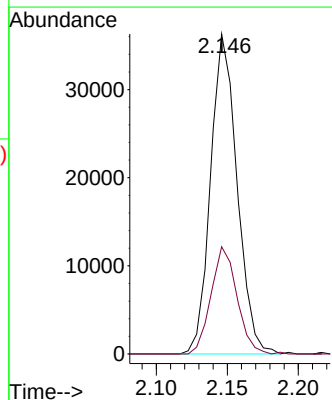
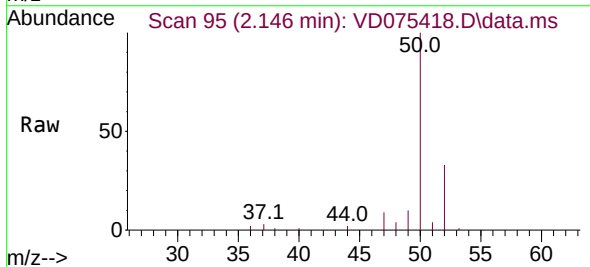
Instrument :
 MSVOA_D
 ClientSampleId :
 VICV110

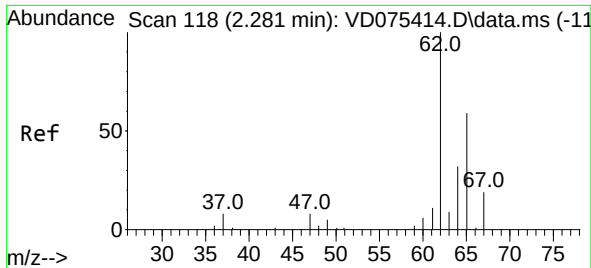
Tgt Ion: 85 Resp: 38419
 Ion Ratio Lower Upper
 85 100
 87 33.6 25.1 37.7



#3
 Chloromethane
 Concen: 23.200 ug/L
 RT: 2.146 min Scan# 95
 Delta R.T. 0.000 min
 Lab File: VD075418.D
 Acq: 23 Feb 2023 17:19

Tgt Ion: 50 Resp: 47029
 Ion Ratio Lower Upper
 50 100
 52 33.5 22.8 42.4

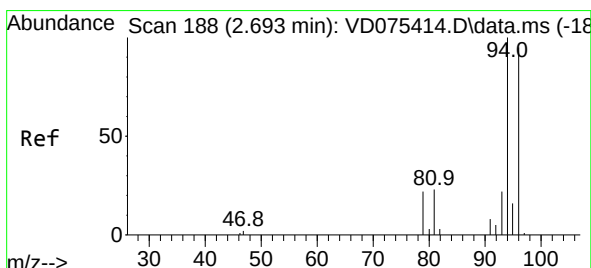
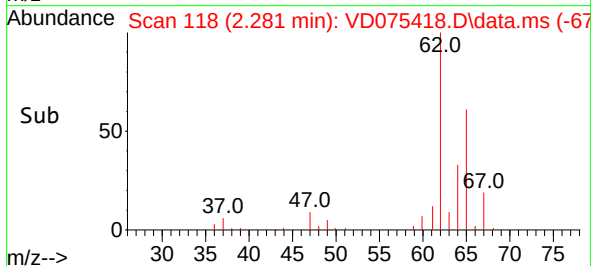
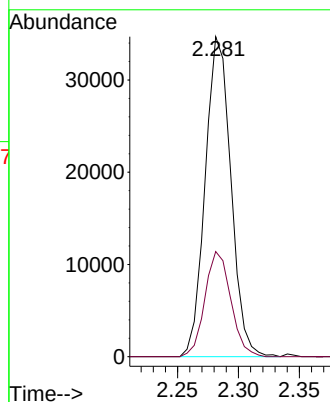
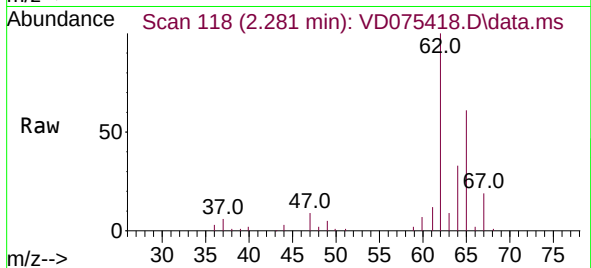




#5
 Vinyl chloride
 Concen: 22.625 ug/L
 RT: 2.281 min Scan# 118
 Delta R.T. 0.000 min
 Lab File: VD075418.D
 Acq: 23 Feb 2023 17:19

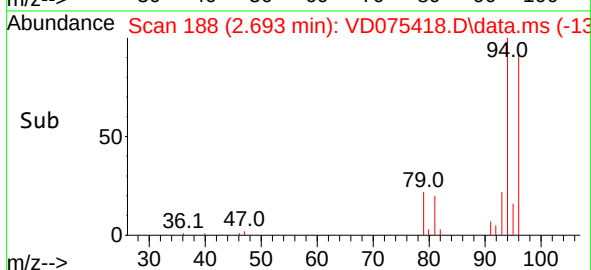
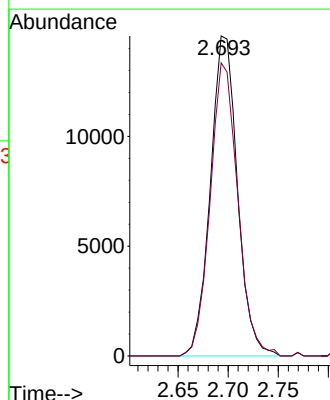
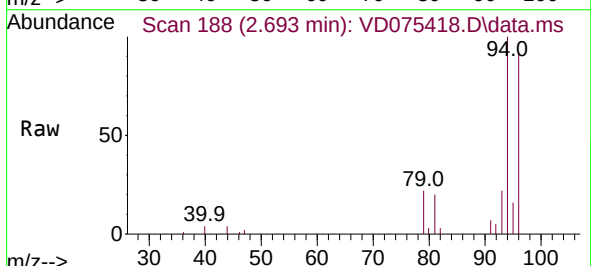
Instrument :
 MSVOA_D
 ClientSampleId :
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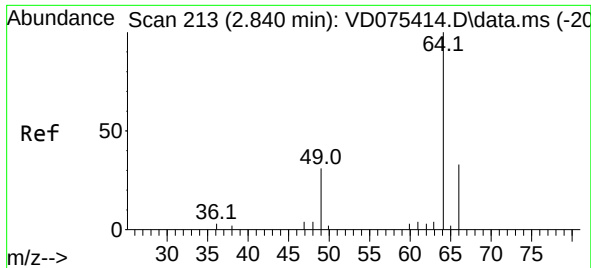
Tgt Ion: 62 Resp: 50982
 Ion Ratio Lower Upper
 62 100
 64 32.9 22.4 41.6



#6
 Bromomethane
 Concen: 24.411 ug/L
 RT: 2.693 min Scan# 188
 Delta R.T. 0.000 min
 Lab File: VD075418.D
 Acq: 23 Feb 2023 17:19

Tgt Ion: 94 Resp: 27381
 Ion Ratio Lower Upper
 94 100
 96 91.6 66.4 123.4

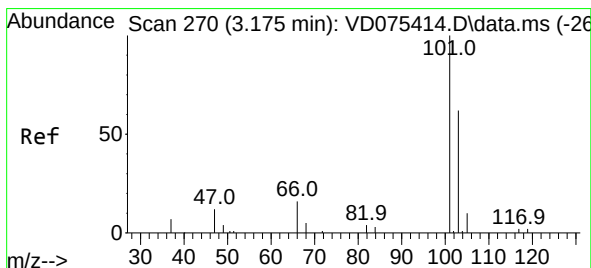
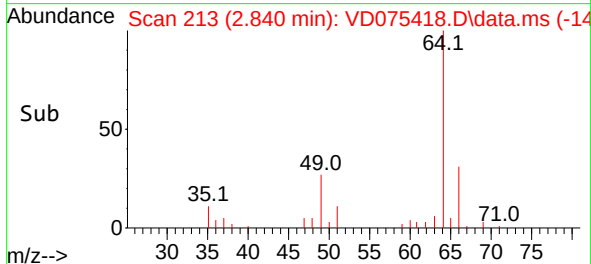
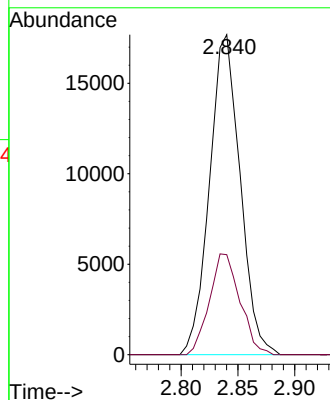
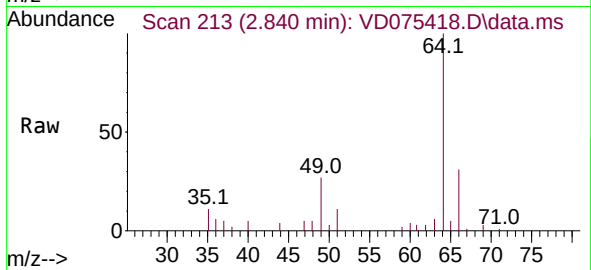




#8
Chloroethane
Concen: 24.147 ug/L
RT: 2.840 min Scan# 213
Delta R.T. 0.000 min
Lab File: VD075418.D
Acq: 23 Feb 2023 17:19

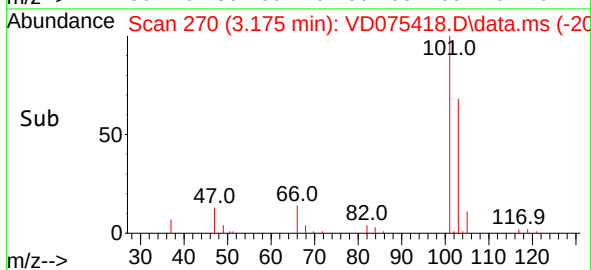
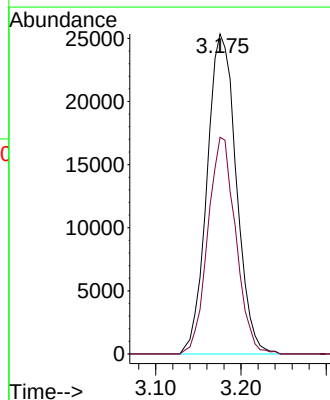
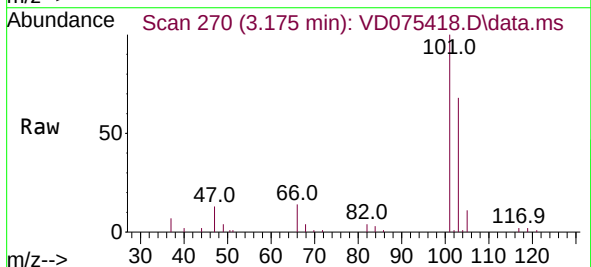
Instrument :
MSVOA_D
ClientSampleId :
VICV110

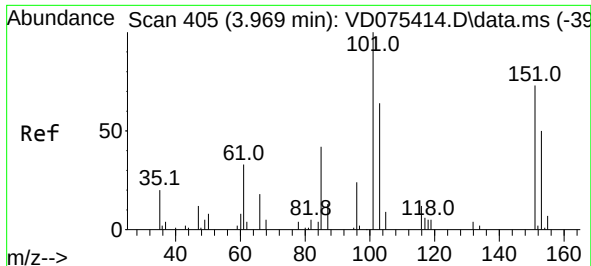
Tgt Ion: 64 Resp: 33147
Ion Ratio Lower Upper
64 100
66 31.3 23.2 43.0



#9
Trichlorofluoromethane
Concen: 23.717 ug/L
RT: 3.175 min Scan# 270
Delta R.T. 0.000 min
Lab File: VD075418.D
Acq: 23 Feb 2023 17:19

Tgt Ion:101 Resp: 60449
Ion Ratio Lower Upper
101 100
103 64.7 50.2 75.2





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 23.732 ug/L

RT: 3.975 min Scan# 405

Delta R.T. 0.006 min

Lab File: VD075418.D

Acq: 23 Feb 2023 17:19

Instrument :

MSVOA_D

ClientSampleId :

VICV110

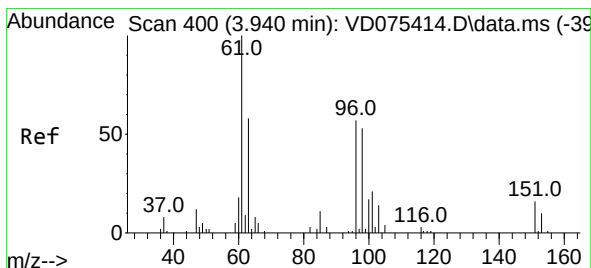
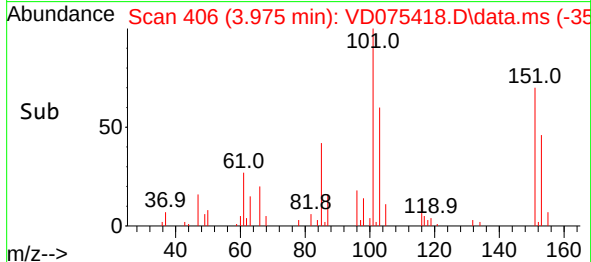
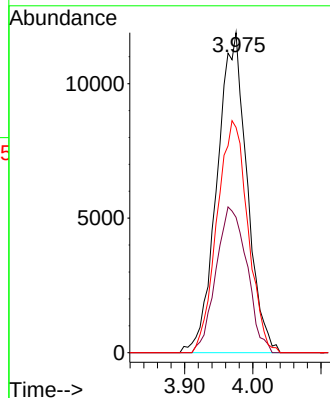
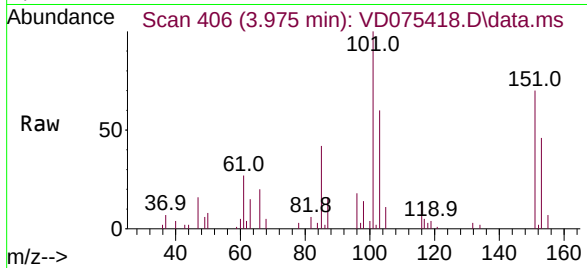
Tgt Ion:101 Resp: 36318

Ion Ratio Lower Upper

101 100

85 47.0 36.7 55.1

151 74.9 58.2 87.2



#12

1,1-Dichloroethene

Concen: 23.800 ug/L

RT: 3.940 min Scan# 400

Delta R.T. 0.000 min

Lab File: VD075418.D

Acq: 23 Feb 2023 17:19

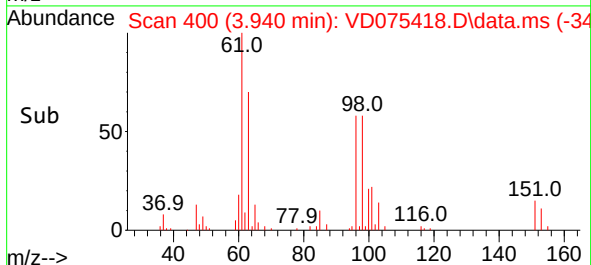
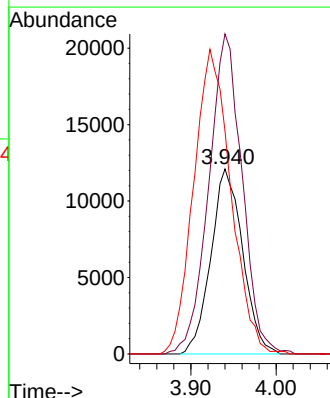
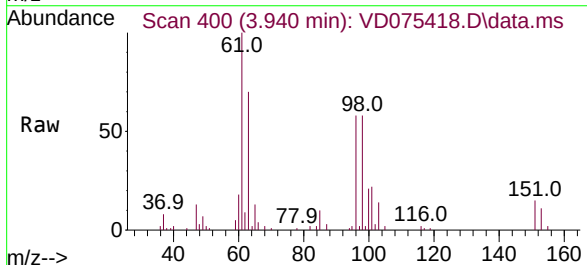
Tgt Ion: 96 Resp: 31352

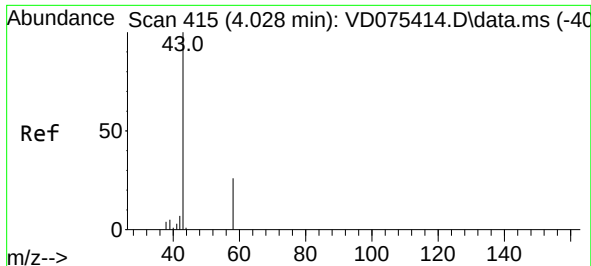
Ion Ratio Lower Upper

96 100

61 173.0 123.8 229.8

63 120.6 81.3 150.9





#13

Acetone

Concen: 44.347 ug/L

RT: 4.022 min Scan# 41

Delta R.T. -0.006 min

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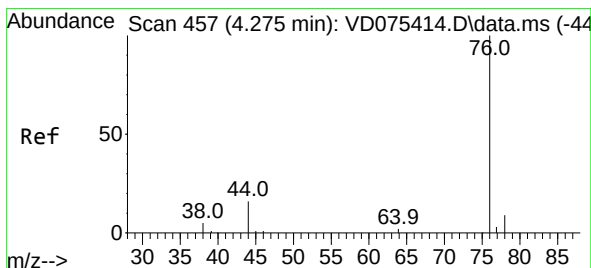
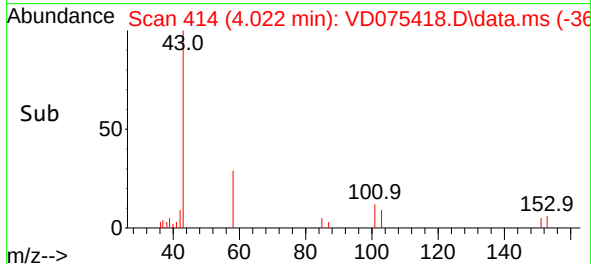
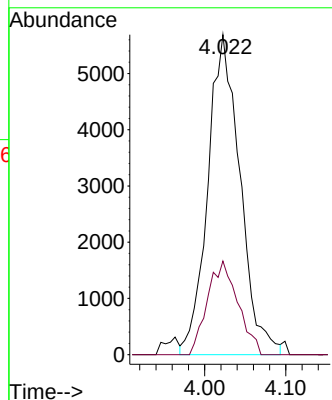
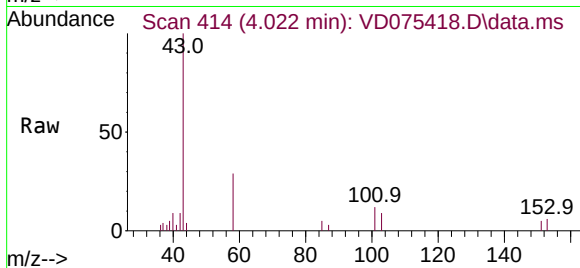
VICV110

Tgt Ion: 43 Resp: 15706

Ion Ratio Lower Upper

43 100

58 27.6 0.0 53.8



#14

Carbon disulfide

Concen: 23.088 ug/L

RT: 4.269 min Scan# 456

Delta R.T. -0.006 min

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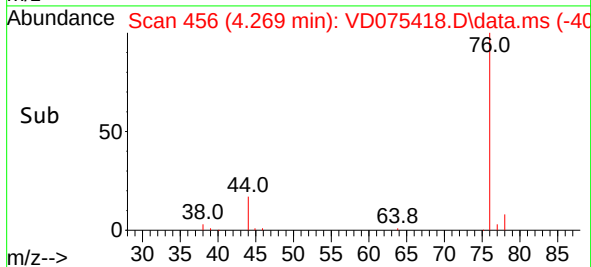
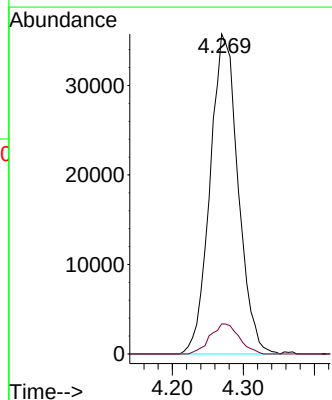
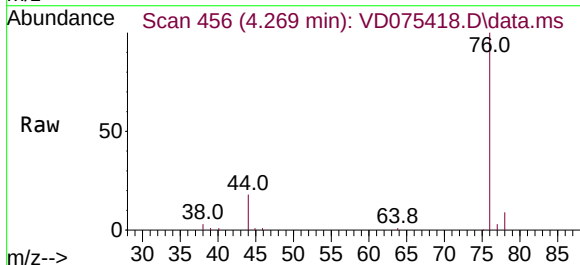
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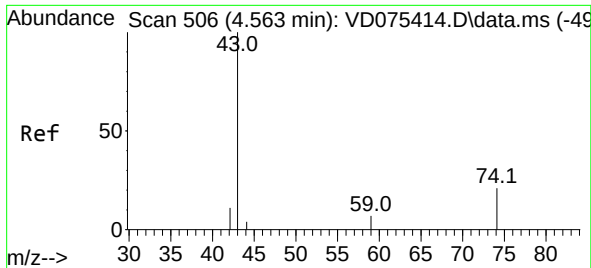
Tgt Ion: 76 Resp: 98053

Ion Ratio Lower Upper

76 100

78 9.4 7.0 10.6

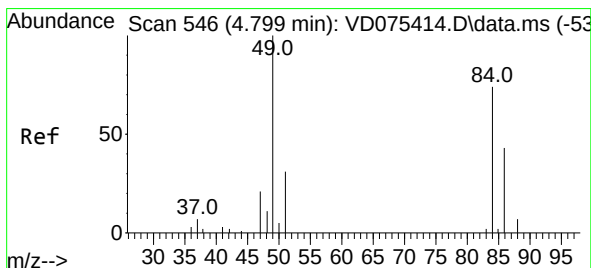
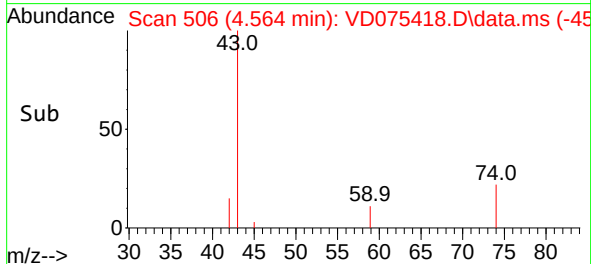
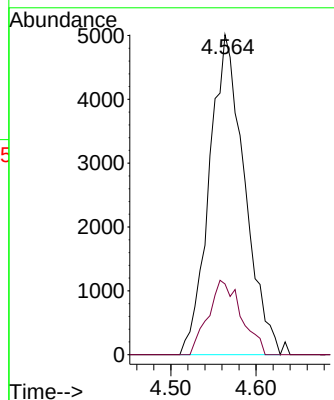
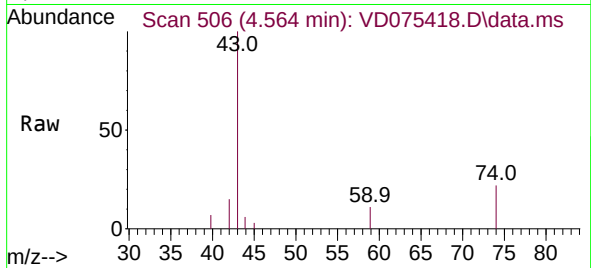




#15
Methyl Acetate
Concen: 26.368 ug/L
RT: 4.564 min Scan# 506
Delta R.T. 0.000 min
Lab File: VD075418.D
Acq: 23 Feb 2023 17:19

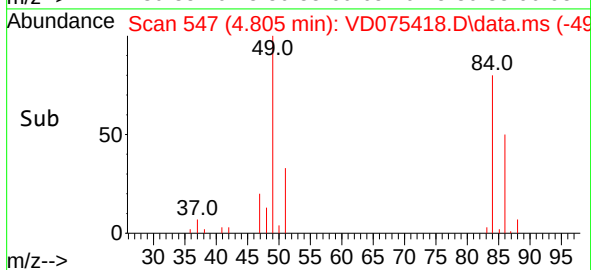
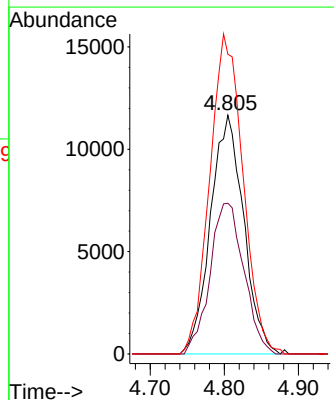
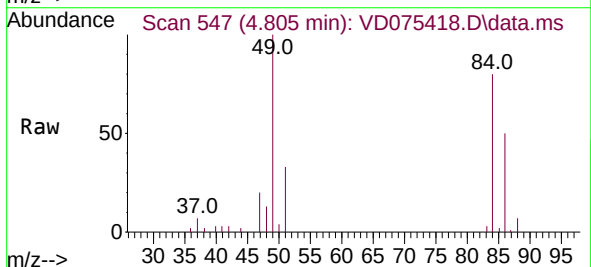
Instrument :
MSVOA_D
ClientSampleId :
VICV110

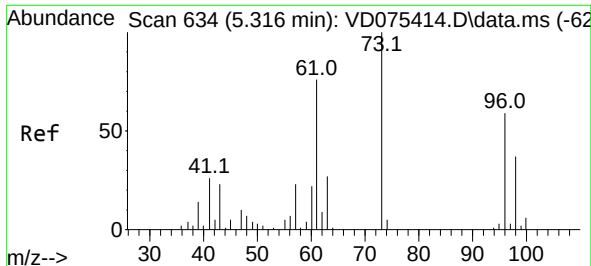
Tgt Ion: 43 Resp: 14343
Ion Ratio Lower Upper
43 100
74 21.9 12.4 18.6#



#16
Methylene chloride
Concen: 20.508 ug/L
RT: 4.805 min Scan# 547
Delta R.T. 0.006 min
Lab File: VD075418.D
Acq: 23 Feb 2023 17:19

Tgt Ion: 84 Resp: 36267
Ion Ratio Lower Upper
84 100
86 63.1 41.0 76.2
49 125.6 95.2 176.8





#17

trans-1,2-Dichloroethene

Concen: 24.863 ug/L

RT: 5.316 min Scan# 61

Delta R.T. 0.000 min

Lab File: VD075418.D

Acq: 23 Feb 2023 17:19

Instrument :

MSVOA_D

ClientSampleId :

VICV110

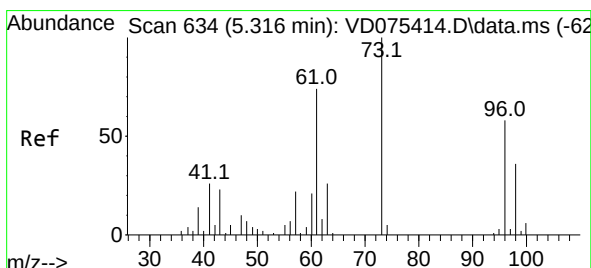
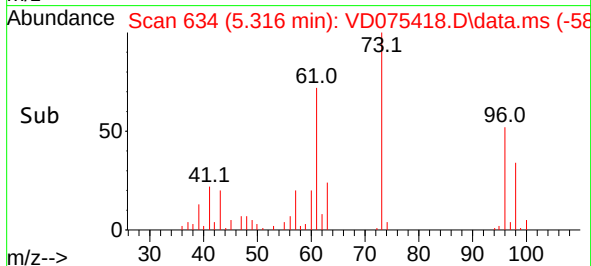
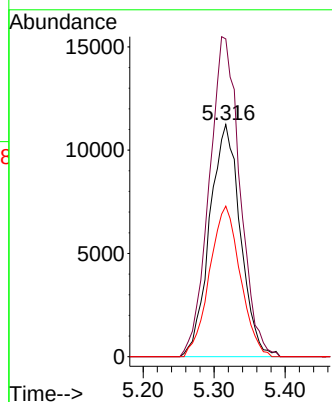
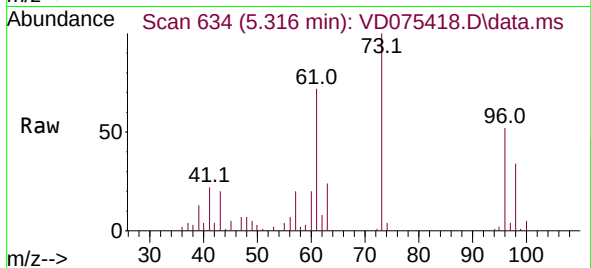
Tgt Ion: 96 Resp: 33759

Ion Ratio Lower Upper

96 100

61 136.9 90.2 167.4

98 64.9 43.7 81.1



#18

Methyl tert-butyl Ether

Concen: 25.742 ug/L

RT: 5.316 min Scan# 634

Delta R.T. 0.000 min

Lab File: VD075418.D

Acq: 23 Feb 2023 17:19

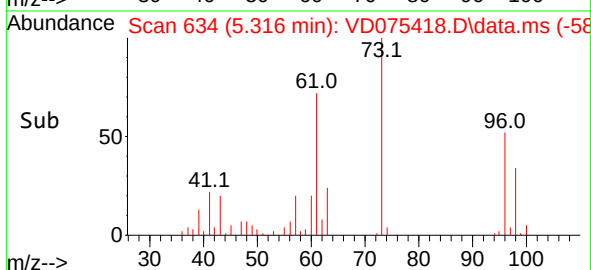
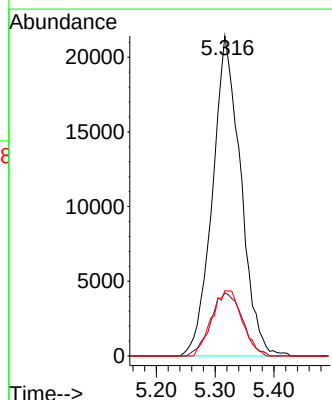
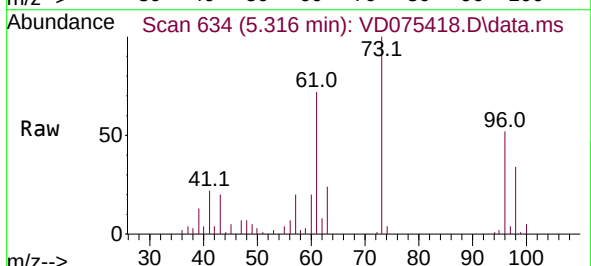
Tgt Ion: 73 Resp: 71314

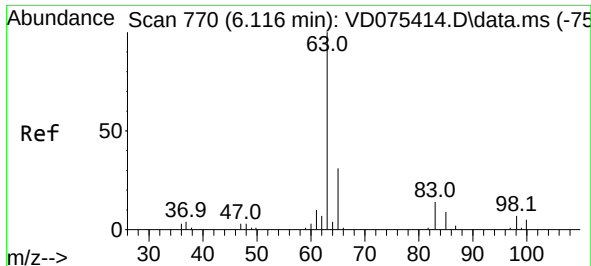
Ion Ratio Lower Upper

73 100

43 22.0 17.8 26.6

57 22.0 18.0 27.0





#19

1,1-Dichloroethane

Concen: 24.672 ug/L

RT: 6.111 min Scan# 7

Delta R.T. -0.006 min

Lab File: VD075418.D

Acq: 23 Feb 2023 17:19

Instrument :

MSVOA_D

ClientSampleId :

VICV110

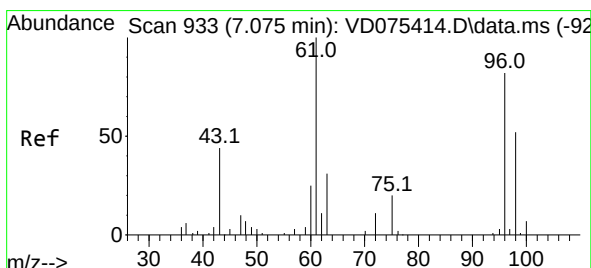
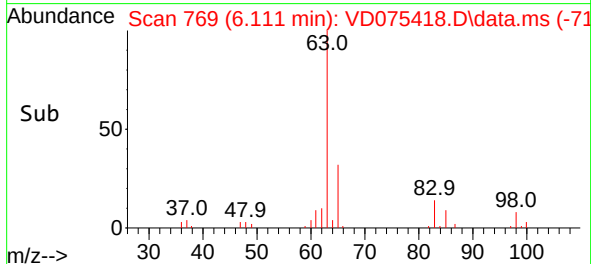
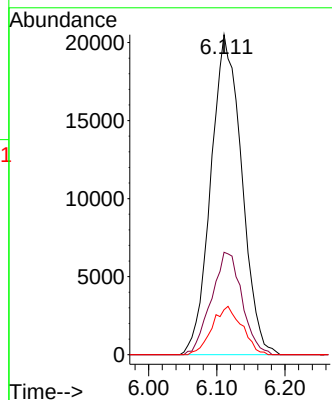
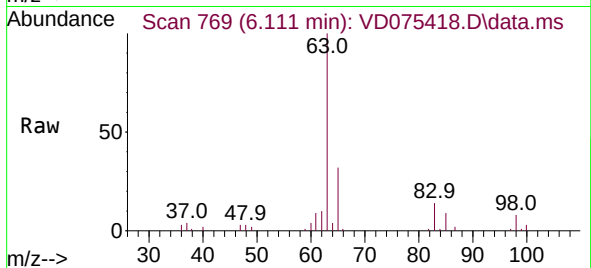
Tgt Ion: 63 Resp: 64518

Ion Ratio Lower Upper

63 100

65 32.0 21.8 40.4

83 14.0 9.9 18.5



#20

cis-1,2-Dichloroethene

Concen: 24.339 ug/L

RT: 7.081 min Scan# 934

Delta R.T. 0.006 min

Lab File: VD075418.D

Acq: 23 Feb 2023 17:19

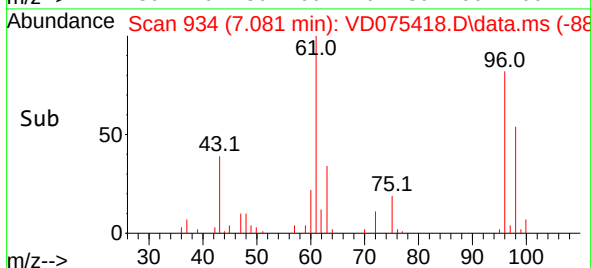
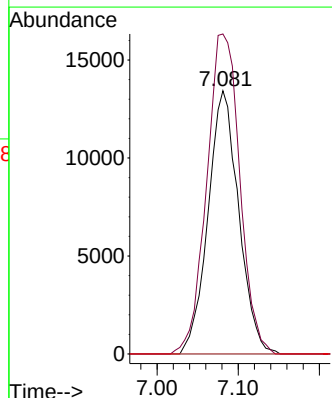
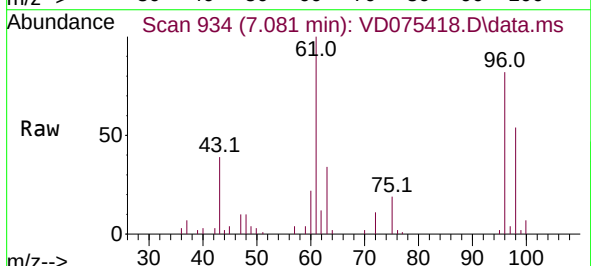
Tgt Ion: 96 Resp: 35275

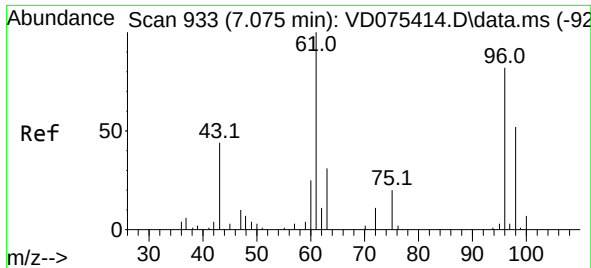
Ion Ratio Lower Upper

96 100

61 121.6 85.3 158.5

68 0.0 0.0 0.0

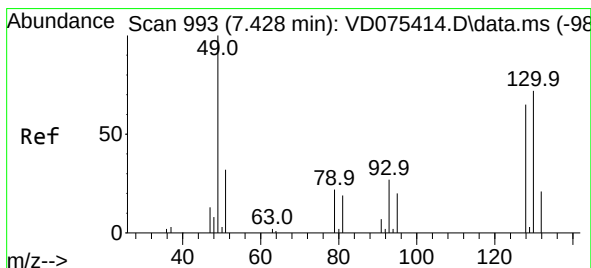
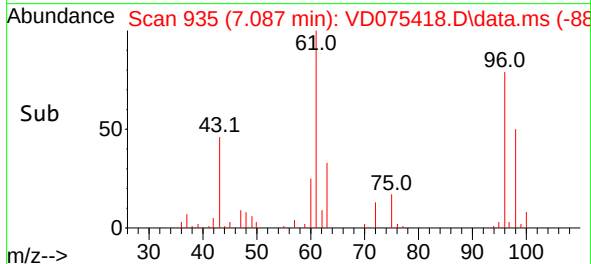
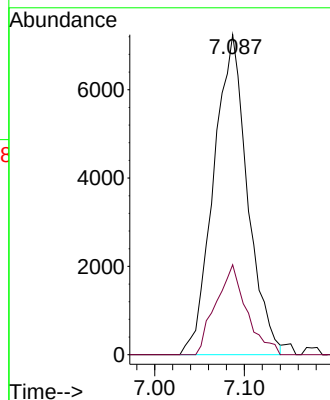
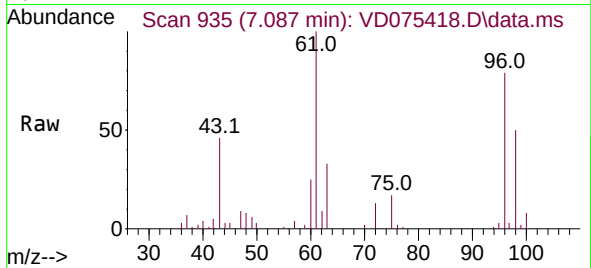




#22
2-Butanone
Concen: 46.140 ug/L
RT: 7.087 min Scan# 91
Delta R.T. 0.012 min
Lab File: VD075418.D
Acq: 23 Feb 2023 17:19

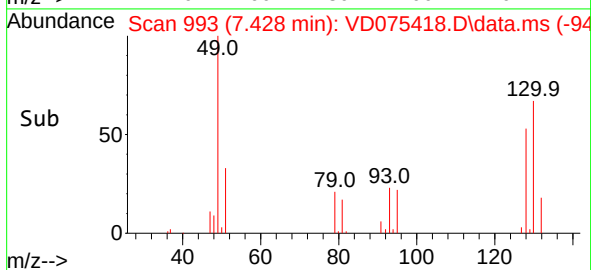
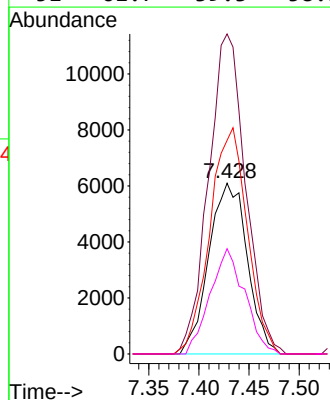
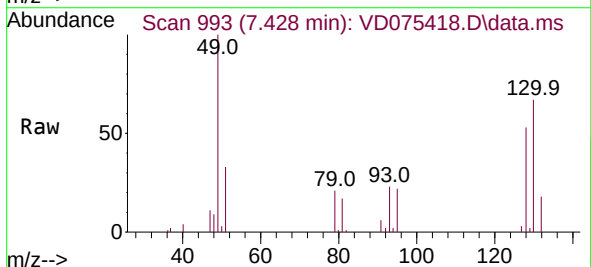
Instrument :
MSVOA_D
ClientSampleId :
VICV110

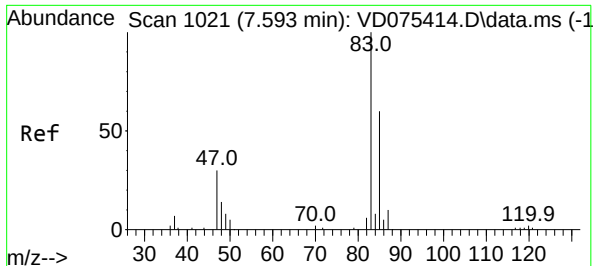
Tgt Ion: 43 Resp: 19016
Ion Ratio Lower Upper
43 100
72 25.1 12.8 38.3



#23
Bromochloromethane
Concen: 25.372 ug/L
RT: 7.428 min Scan# 993
Delta R.T. 0.000 min
Lab File: VD075418.D
Acq: 23 Feb 2023 17:19

Tgt Ion:128 Resp: 16275
Ion Ratio Lower Upper
128 100
49 187.5 108.4 201.2
130 125.2 77.9 144.7
51 61.7 39.3 58.9#

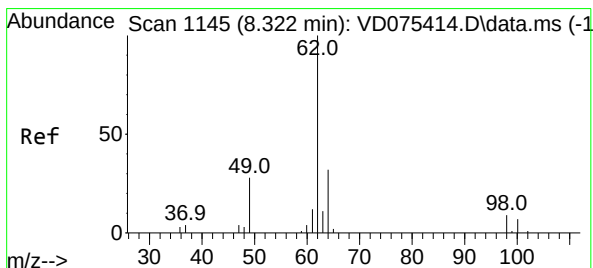
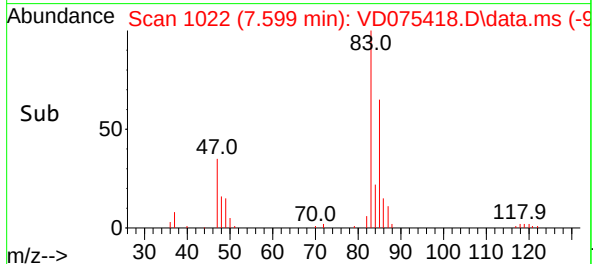
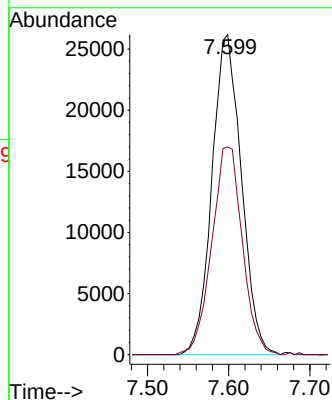
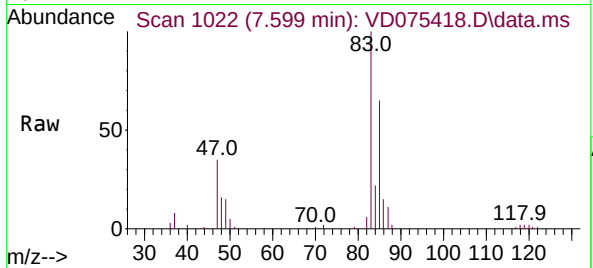




#25
Chloroform
Concen: 24.563 ug/L
RT: 7.599 min Scan# 1021
Delta R.T. 0.006 min
Lab File: VD075418.D
Acq: 23 Feb 2023 17:19

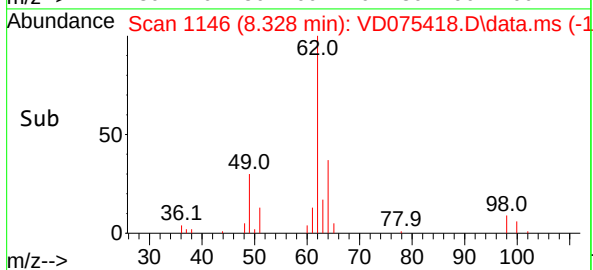
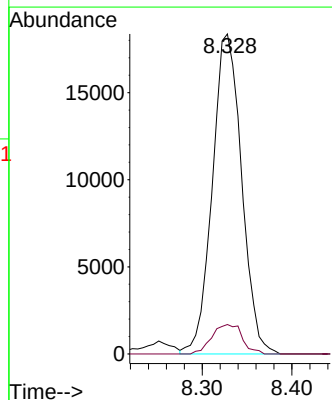
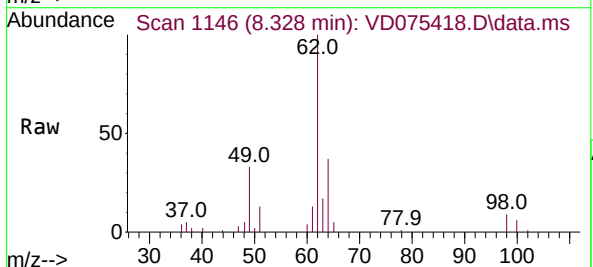
Instrument :
MSVOA_D
ClientSampleId :
VICV110

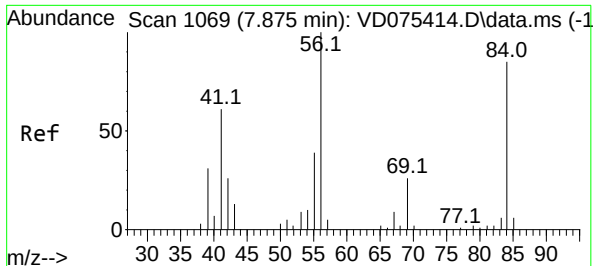
Tgt Ion: 83 Resp: 65912
Ion Ratio Lower Upper
83 100
85 65.0 42.1 78.3



#27
1,2-Dichloroethane
Concen: 24.665 ug/L
RT: 8.328 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VD075418.D
Acq: 23 Feb 2023 17:19

Tgt Ion: 62 Resp: 41603
Ion Ratio Lower Upper
62 100
98 9.2 6.8 10.2





#29

Cyclohexane

Concen: 24.033 ug/L

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD075418.D

Acq: 23 Feb 2023 17:19

Instrument :

MSVOA_D

ClientSampleId :

VICV110

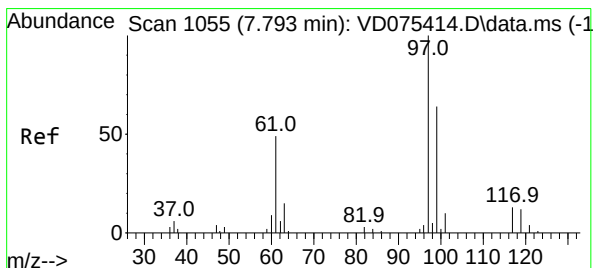
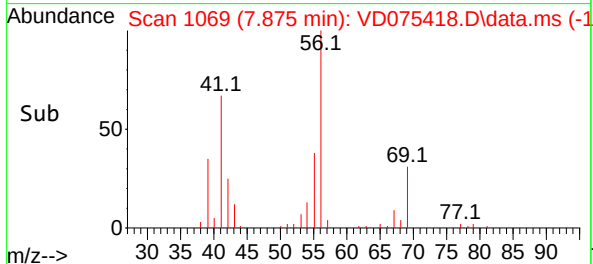
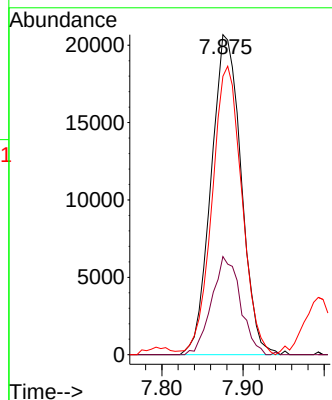
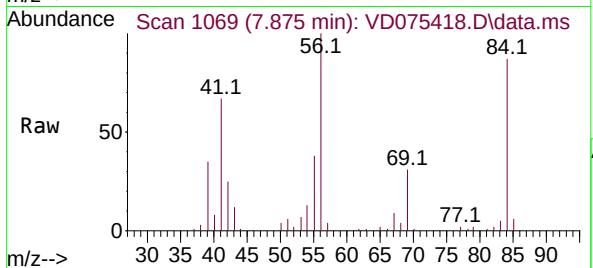
Tgt Ion: 56 Resp: 53194

Ion Ratio Lower Upper

56 100

69 29.3 23.2 34.8

84 89.4 70.1 105.1



#30

1,1,1-Trichloroethane

Concen: 24.646 ug/L

RT: 7.793 min Scan# 1055

Delta R.T. 0.000 min

Lab File: VD075418.D

Acq: 23 Feb 2023 17:19

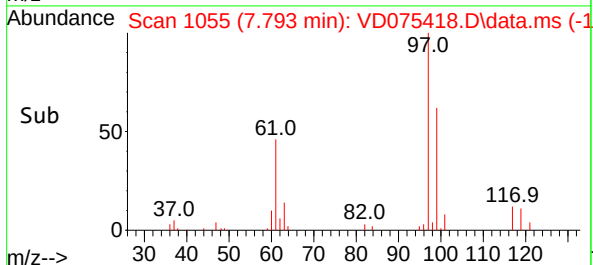
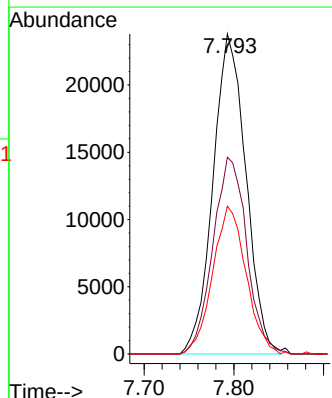
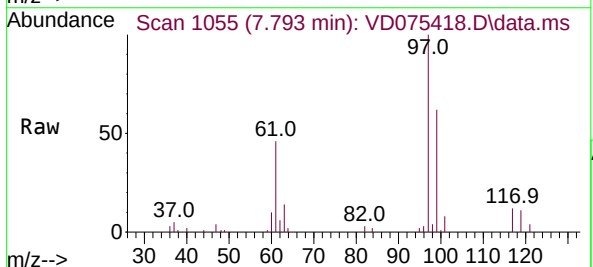
Tgt Ion: 97 Resp: 60588

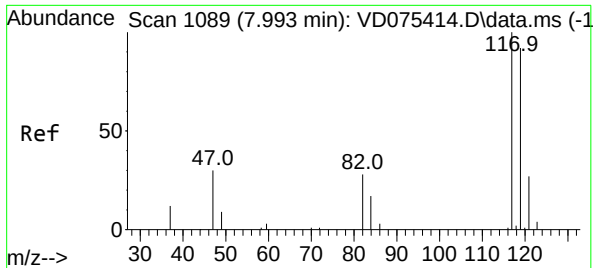
Ion Ratio Lower Upper

97 100

99 63.2 52.6 78.8

61 46.8 37.8 56.8

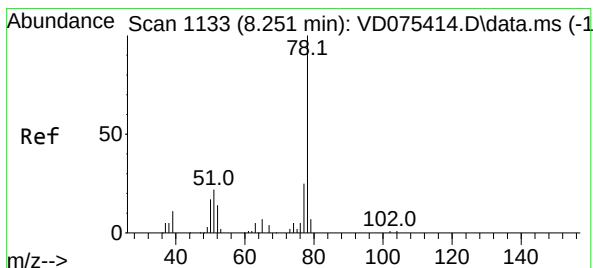
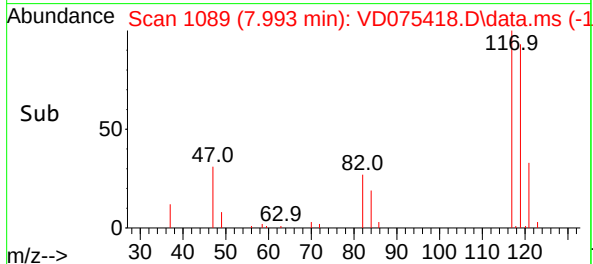
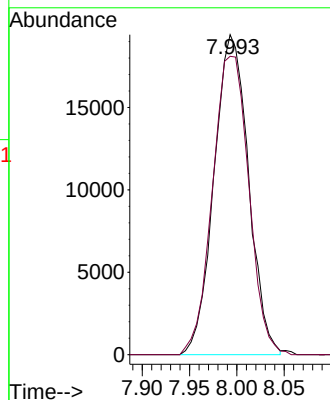
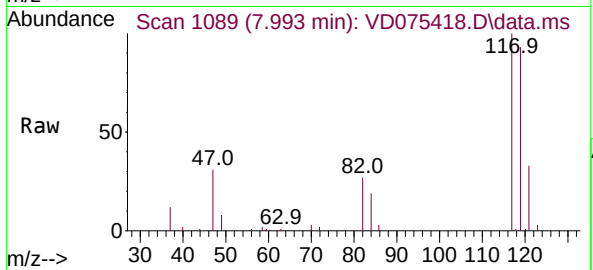




#31
Carbon tetrachloride
Concen: 23.308 ug/L
RT: 7.993 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD075418.D
Acq: 23 Feb 2023 17:19

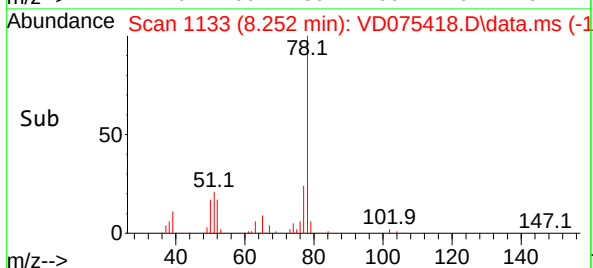
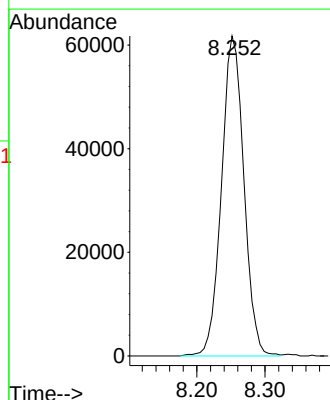
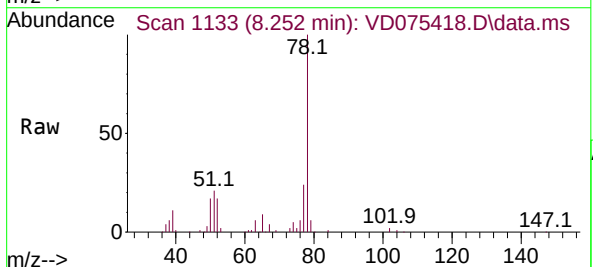
Instrument :
MSVOA_D
ClientSampleId :
VICV110

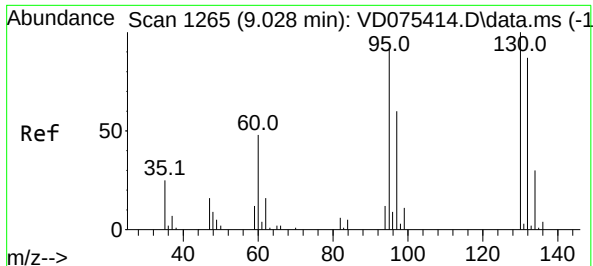
Tgt Ion:117 Resp: 49195
Ion Ratio Lower Upper
117 100
119 98.3 76.2 114.2



#33
Benzene
Concen: 24.388 ug/L
RT: 8.252 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VD075418.D
Acq: 23 Feb 2023 17:19

Tgt Ion: 78 Resp: 141281



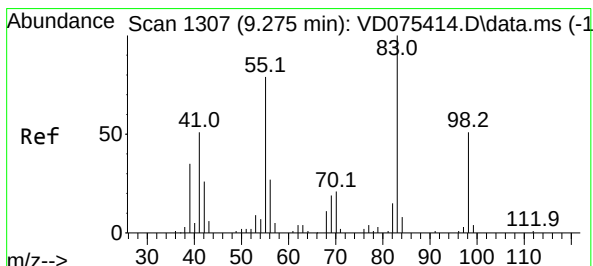
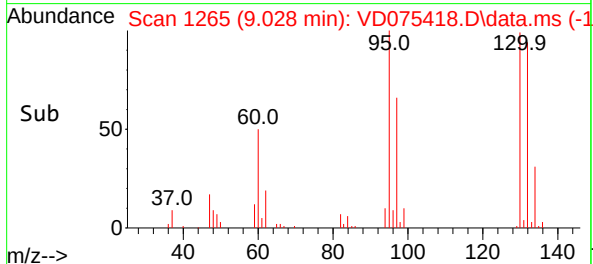
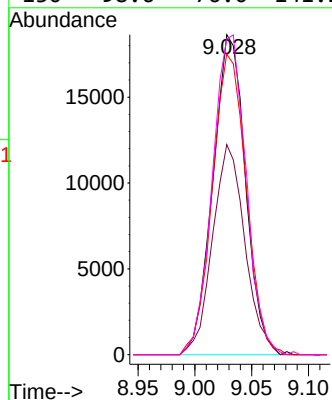
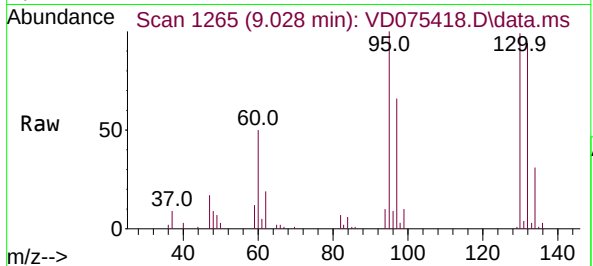


#34
Trichloroethene
Concen: 24.091 ug/L
RT: 9.028 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD075418.D
Acq: 23 Feb 2023 17:19

Instrument :
MSVOA_D
ClientSampleId :
VICV110

Tgt Ion: 95 Resp: 37105

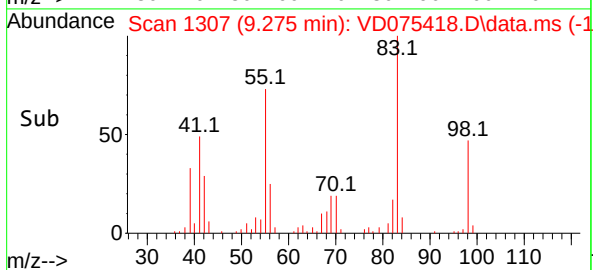
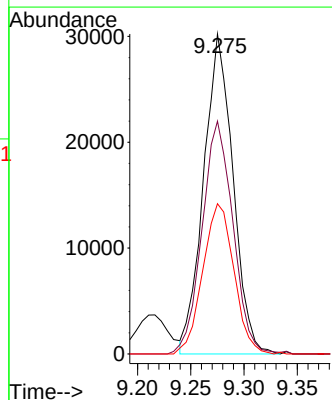
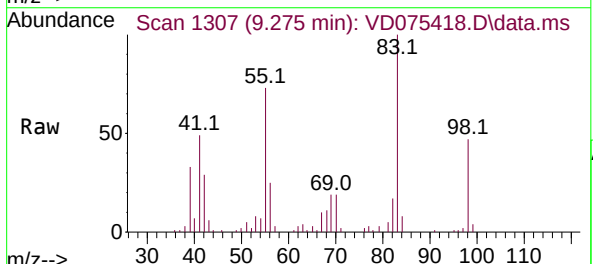
Ion	Ratio	Lower	Upper
95	100		
97	65.7	45.4	84.4
132	93.9	65.9	122.3
130	98.6	76.0	141.2

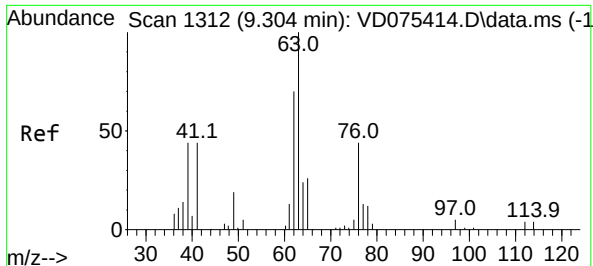


#35
Methylcyclohexane
Concen: 23.498 ug/L
RT: 9.275 min Scan# 1307
Delta R.T. 0.000 min
Lab File: VD075418.D
Acq: 23 Feb 2023 17:19

Tgt Ion: 83 Resp: 57978

Ion	Ratio	Lower	Upper
83	100		
55	76.4	60.6	90.8
98	49.8	39.6	59.4

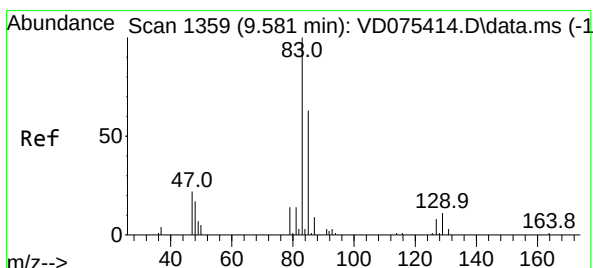
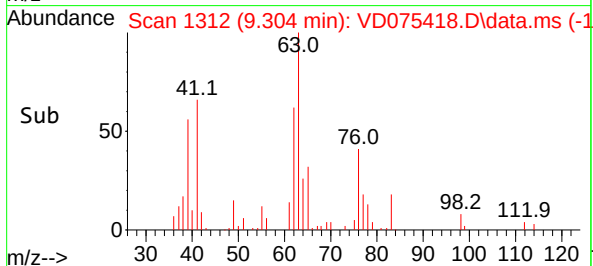
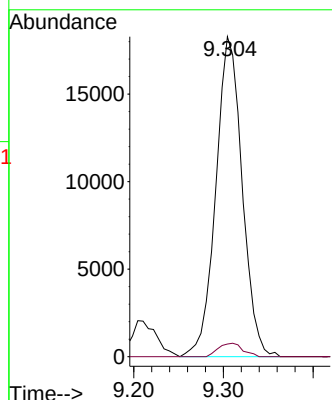
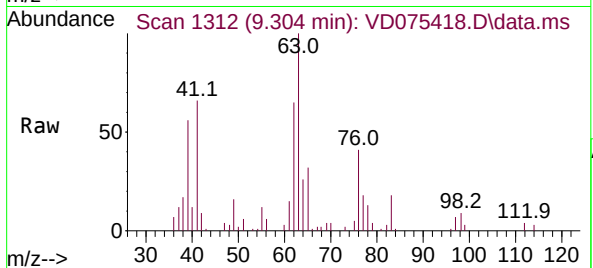




#37
1,2-Dichloropropane
Concen: 24.711 ug/L
RT: 9.304 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD075418.D
Acq: 23 Feb 2023 17:19

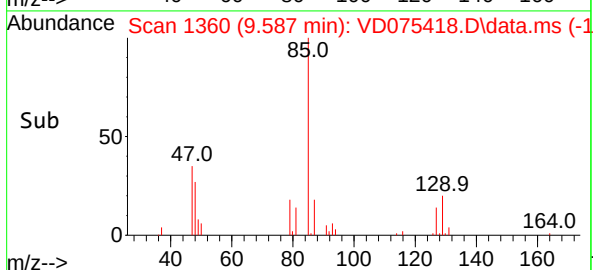
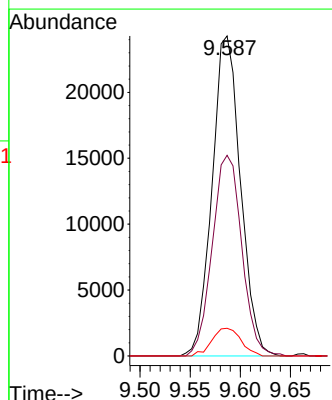
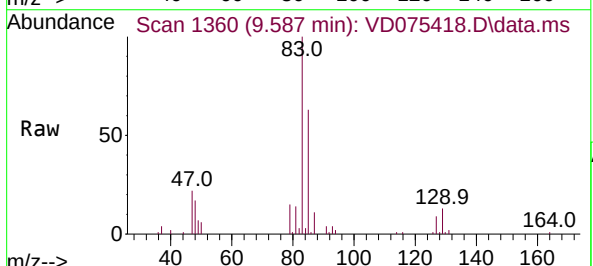
Instrument :
MSVOA_D
ClientSampleId :
VICV110

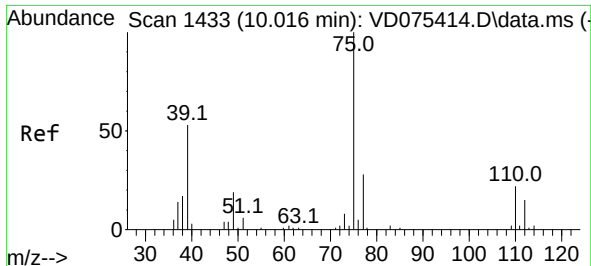
Tgt Ion: 63 Resp: 37312
Ion Ratio Lower Upper
63 100
112 3.9 3.5 5.3



#38
Bromodichloromethane
Concen: 24.532 ug/L
RT: 9.587 min Scan# 1360
Delta R.T. 0.006 min
Lab File: VD075418.D
Acq: 23 Feb 2023 17:19

Tgt Ion: 83 Resp: 47922
Ion Ratio Lower Upper
83 100
85 62.7 43.9 81.5
127 8.7 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 25.149 ug/L

RT: 10.016 min Scan# 1433

Delta R.T. 0.000 min

Lab File: VD075418.D

Acq: 23 Feb 2023 17:19

Instrument :

MSVOA_D

ClientSampleId :

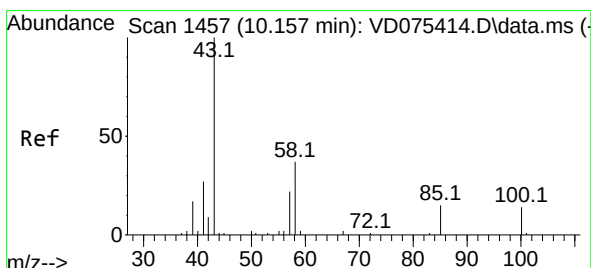
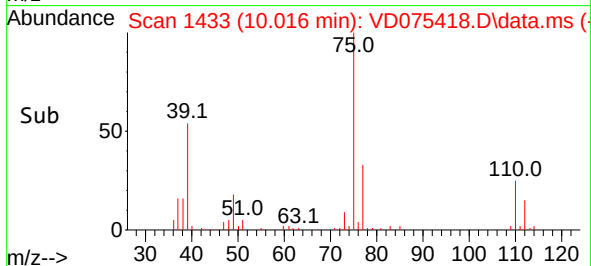
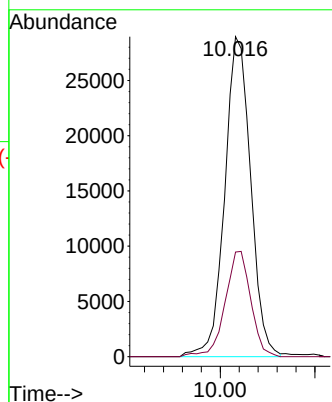
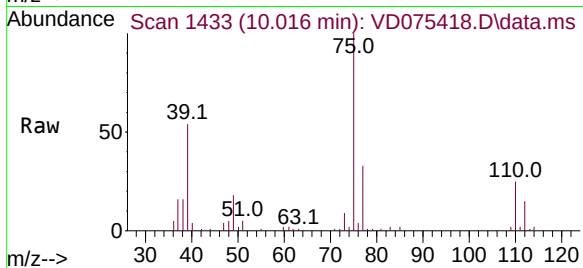
VICV110

Tgt Ion: 75 Resp: 55113

Ion Ratio Lower Upper

75 100

77 32.7 19.3 35.9



#40

4-Methyl-2-pentanone

Concen: 49.924 ug/L

RT: 10.163 min Scan# 1458

Delta R.T. 0.006 min

Lab File: VD075418.D

Acq: 23 Feb 2023 17:19

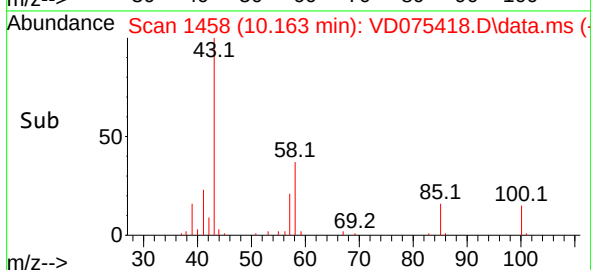
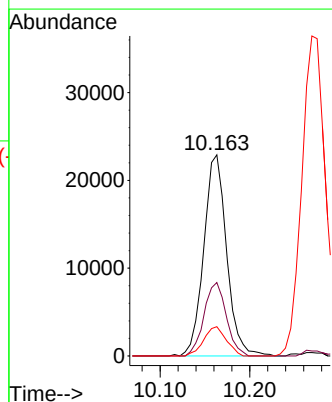
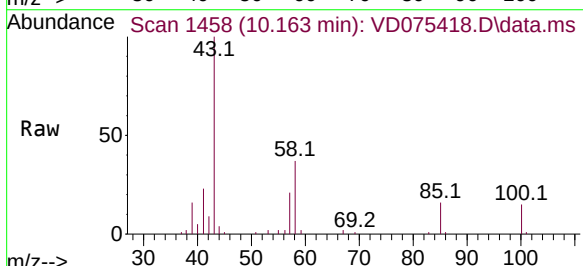
Tgt Ion: 43 Resp: 40506

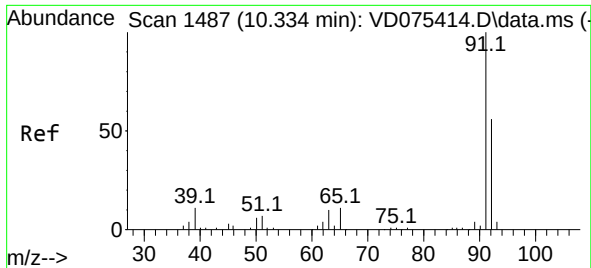
Ion Ratio Lower Upper

43 100

58 35.6 29.5 44.3

100 14.4 11.4 17.2





#42

Toluene

Concen: 24.905 ug/L

RT: 10.334 min Scan# 1487

Delta R.T. 0.000 min

Lab File: VD075418.D

Acq: 23 Feb 2023 17:19

Instrument :

MSVOA_D

ClientSampleId :

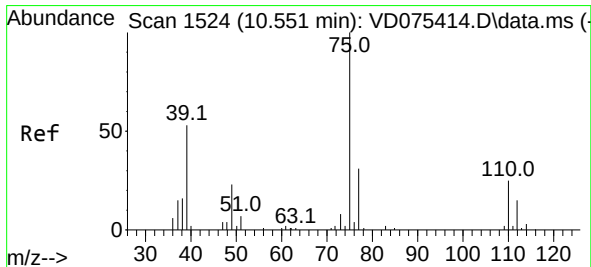
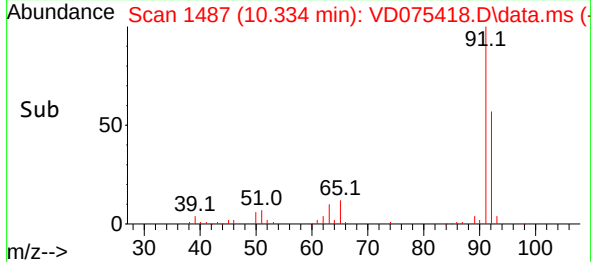
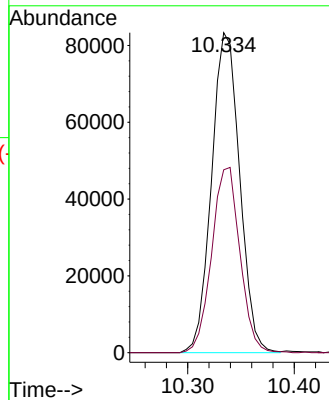
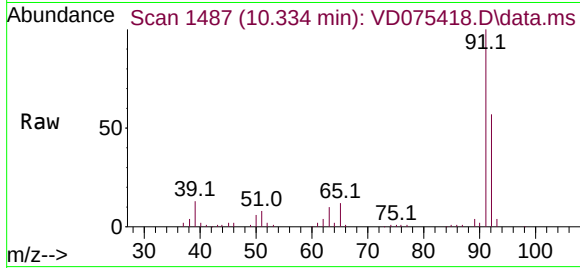
VICV110

Tgt Ion: 91 Resp: 152844

Ion Ratio Lower Upper

91 100

92 57.2 39.3 73.1



#44

trans-1,3-Dichloropropene

Concen: 25.821 ug/L

RT: 10.557 min Scan# 1525

Delta R.T. 0.006 min

Lab File: VD075418.D

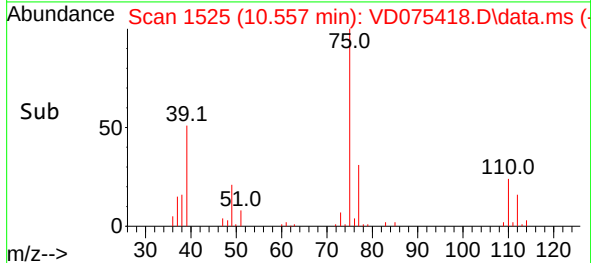
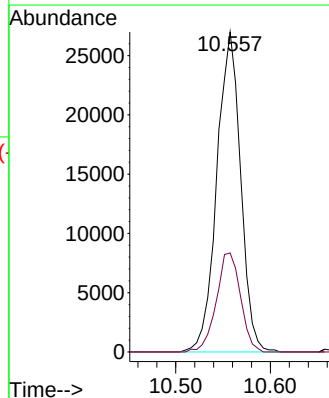
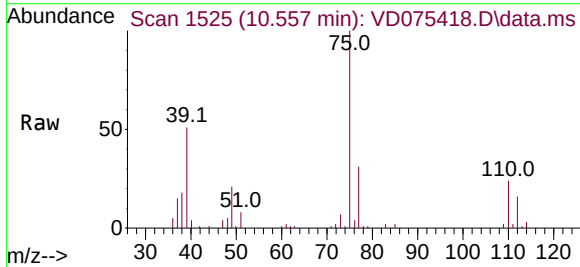
Acq: 23 Feb 2023 17:19

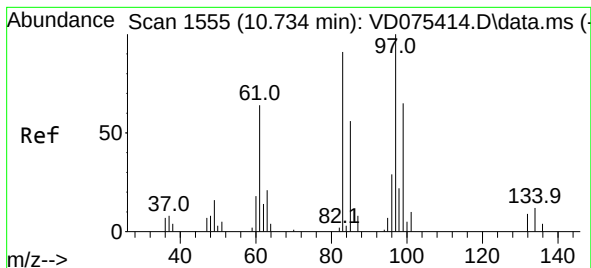
Tgt Ion: 75 Resp: 47071

Ion Ratio Lower Upper

75 100

77 30.9 21.4 39.8





#45

1,1,2-Trichloroethane

Concen: 24.969 ug/L

RT: 10.734 min Scan# 1555

Delta R.T. 0.000 min

Lab File: VD075418.D

Acq: 23 Feb 2023 17:19

Instrument :

MSVOA_D

ClientSampleId :

VICV110

Tgt Ion: 97 Resp: 26343

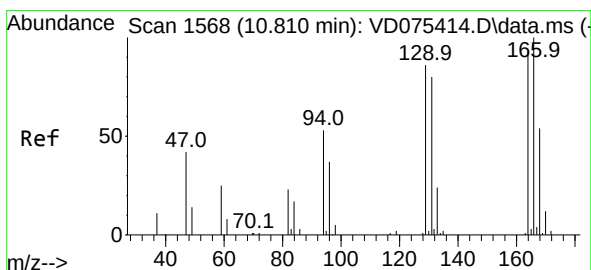
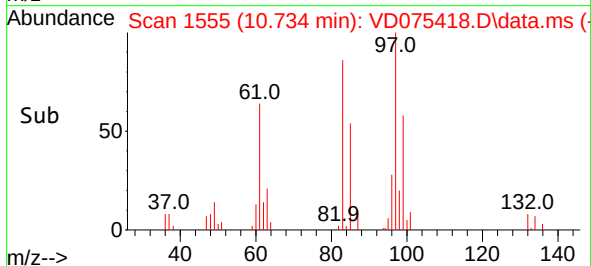
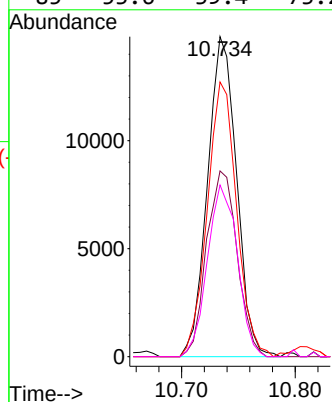
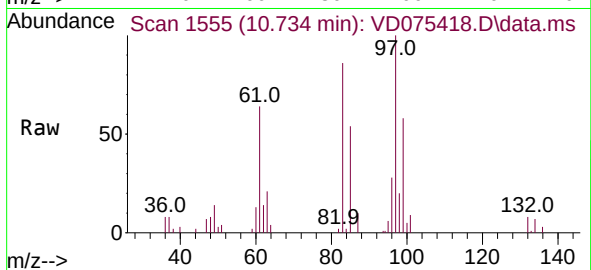
Ion Ratio Lower Upper

97 100

99 58.0 45.4 84.2

83 85.8 63.8 118.6

85 53.6 39.4 73.2



#46

Tetrachloroethene

Concen: 23.648 ug/L

RT: 10.810 min Scan# 1568

Delta R.T. 0.000 min

Lab File: VD075418.D

Acq: 23 Feb 2023 17:19

Tgt Ion:164 Resp: 28737

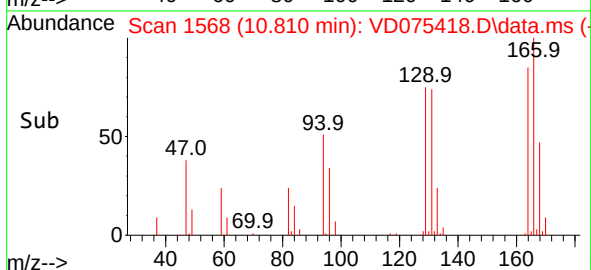
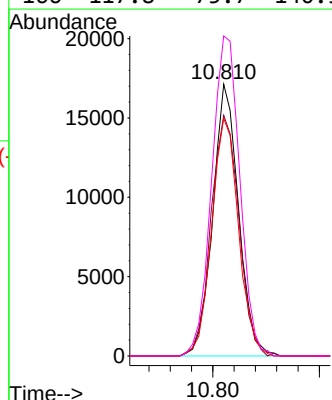
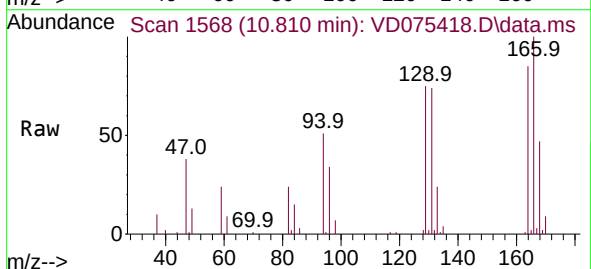
Ion Ratio Lower Upper

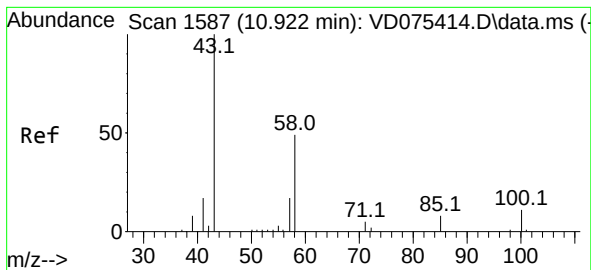
164 100

129 88.6 64.8 120.4

131 87.5 60.1 111.5

166 117.8 75.7 140.5





#48

2-Hexanone

Concen: 48.512 ug/L

RT: 10.922 min Scan# 1587

Delta R.T. 0.000 min

Lab File: VD075418.D

Acq: 23 Feb 2023 17:19

Instrument :

MSVOA_D

ClientSampleId :

VICV110

Tgt Ion: 43 Resp: 29122

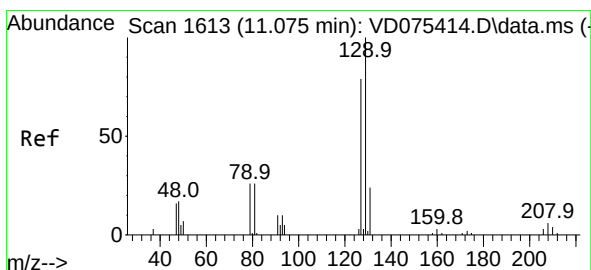
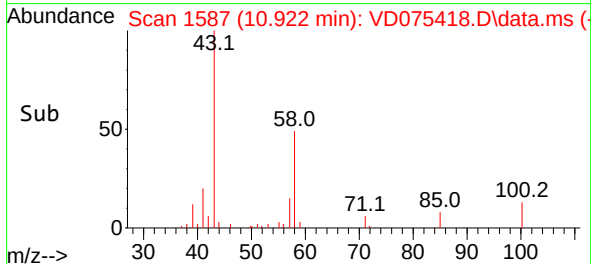
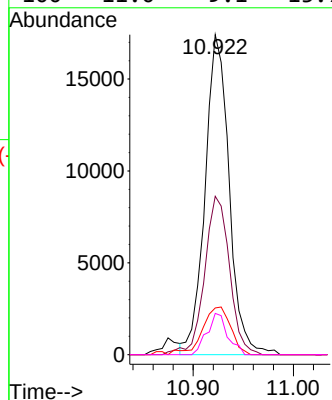
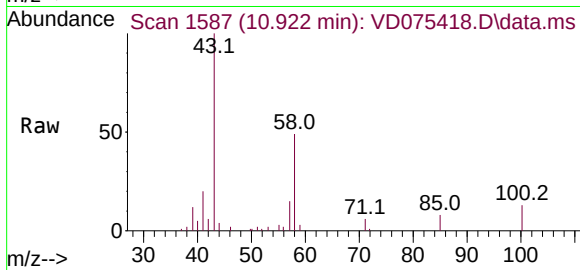
Ion Ratio Lower Upper

43 100

58 51.3 40.3 60.5

57 16.6 13.4 20.0

100 11.0 9.1 13.7



#49

Dibromochloromethane

Concen: 25.380 ug/L

RT: 11.075 min Scan# 1613

Delta R.T. 0.000 min

Lab File: VD075418.D

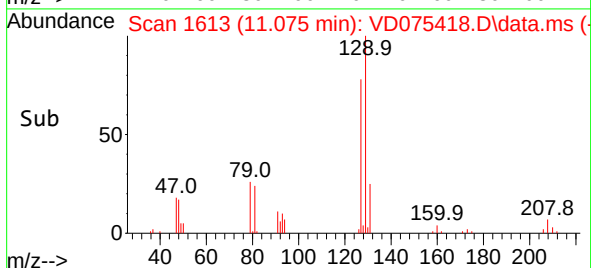
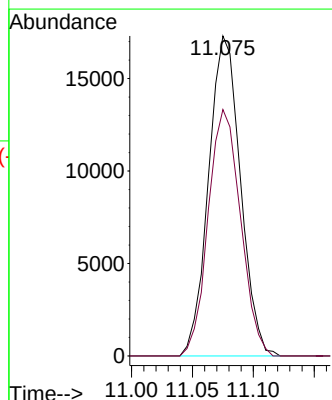
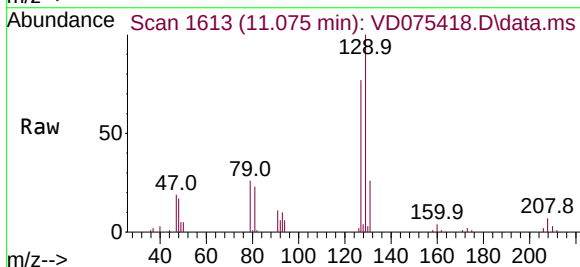
Acq: 23 Feb 2023 17:19

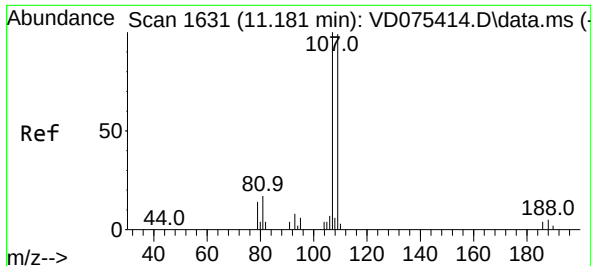
Tgt Ion:129 Resp: 31479

Ion Ratio Lower Upper

129 100

127 77.0 55.3 102.7

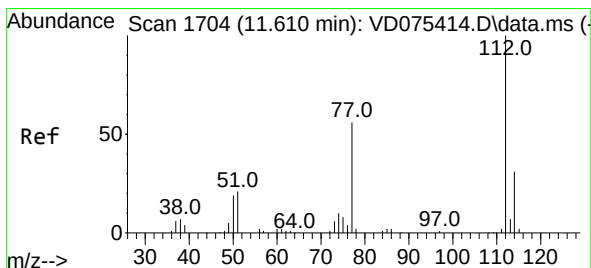
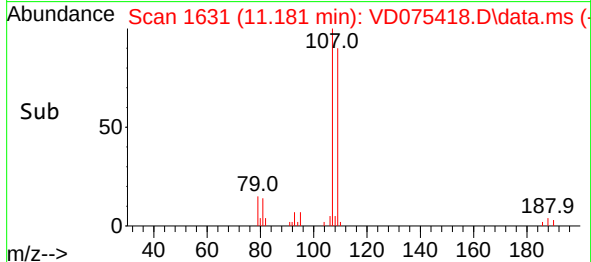
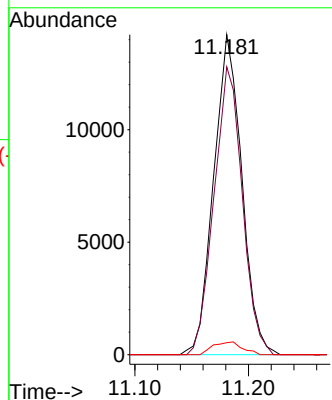
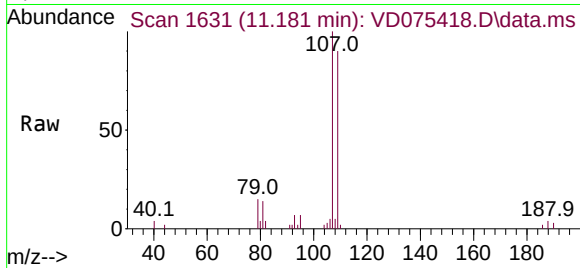




#50
1,2-Dibromoethane
Concen: 25.086 ug/L
RT: 11.181 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VD075418.D
Acq: 23 Feb 2023 17:19

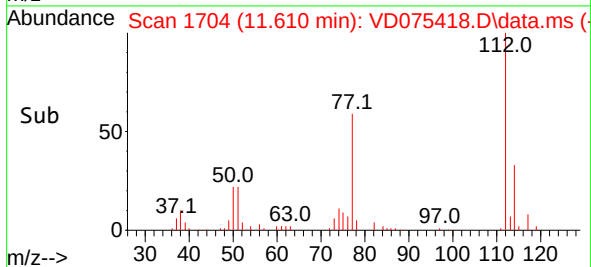
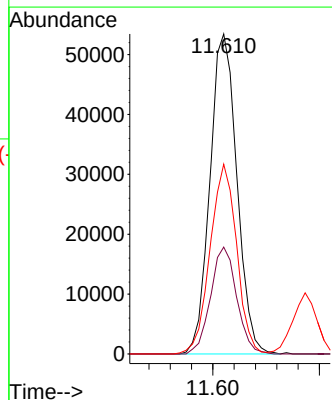
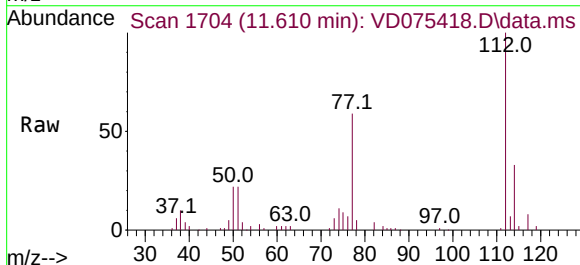
Instrument :
MSVOA_D
ClientSampleId :
VICV110

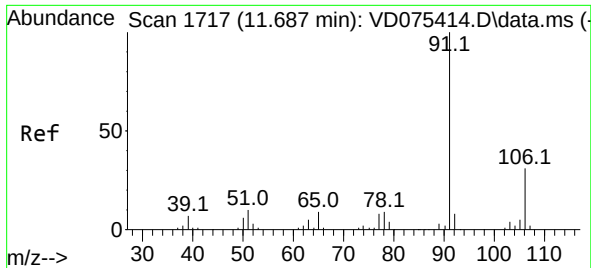
Tgt Ion:107 Resp: 24456
Ion Ratio Lower Upper
107 100
109 90.0 69.6 129.2
188 3.7 3.8 5.6#



#51
Chlorobenzene
Concen: 24.087 ug/L
RT: 11.610 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VD075418.D
Acq: 23 Feb 2023 17:19

Tgt Ion:112 Resp: 93750
Ion Ratio Lower Upper
112 100
114 33.4 21.4 39.8
77 59.3 45.1 67.7

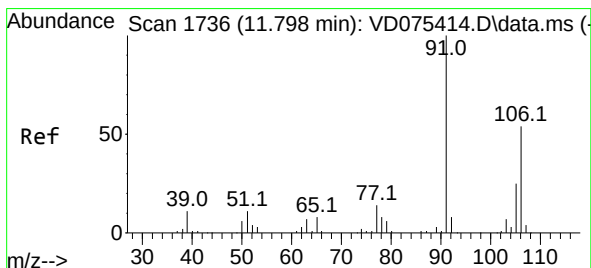
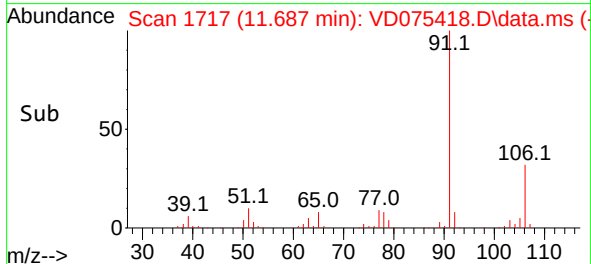
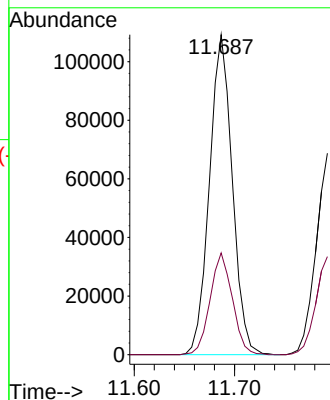
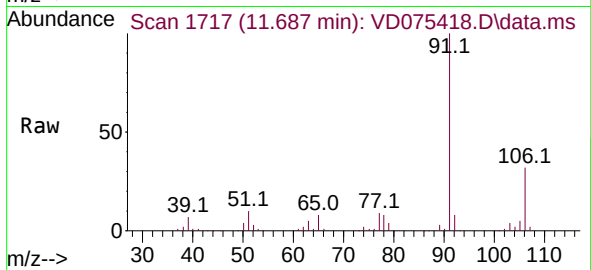




#52
Ethylbenzene
Concen: 25.457 ug/L
RT: 11.687 min Scan# 1717
Delta R.T. 0.000 min
Lab File: VD075418.D
Acq: 23 Feb 2023 17:19

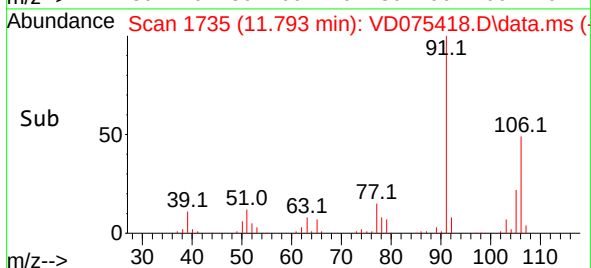
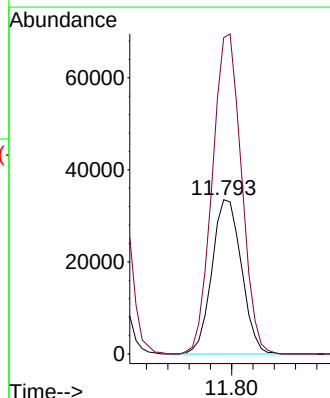
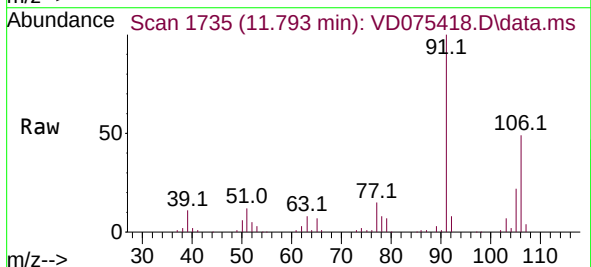
Instrument :
MSVOA_D
ClientSampleId :
VICV110

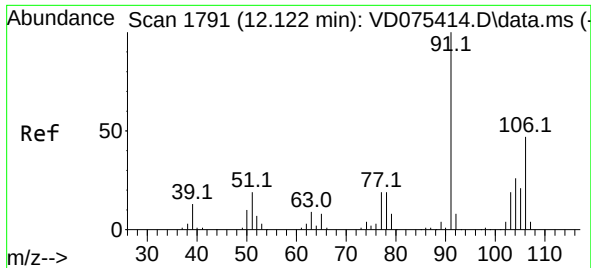
Tgt Ion: 91 Resp: 172588
Ion Ratio Lower Upper
91 100
106 31.8 21.8 40.6



#53
m,p-Xylene
Concen: 25.217 ug/L
RT: 11.793 min Scan# 1735
Delta R.T. -0.006 min
Lab File: VD075418.D
Acq: 23 Feb 2023 17:19

Tgt Ion: 106 Resp: 64464
Ion Ratio Lower Upper
106 100
91 205.2 131.2 243.6

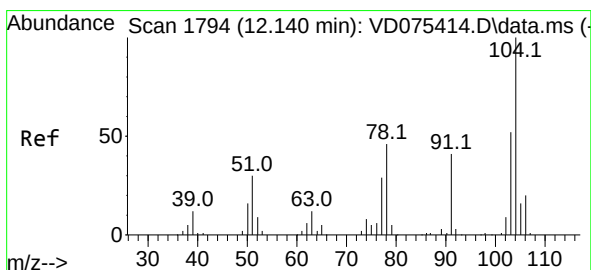
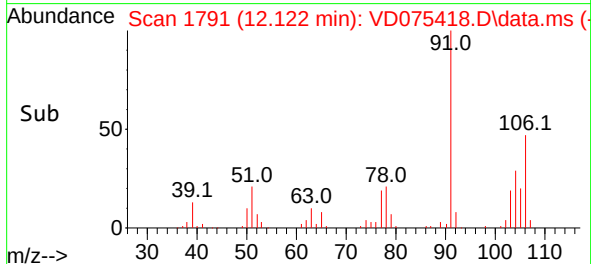
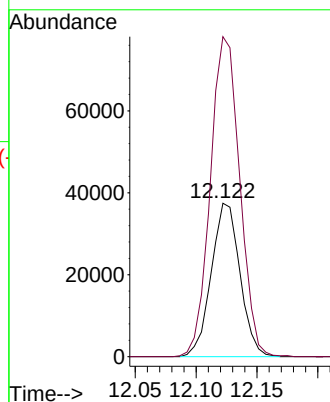
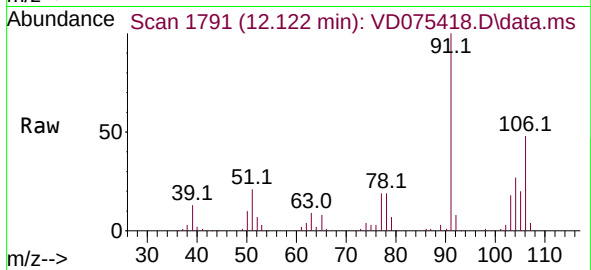




#54
o-Xylene
Concen: 25.407 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD075418.D
Acq: 23 Feb 2023 17:19

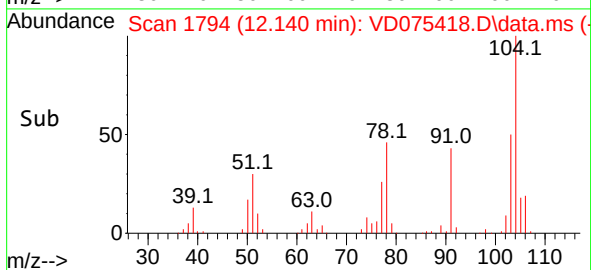
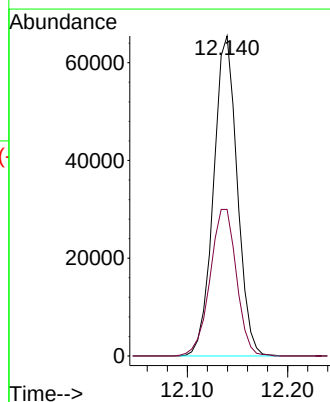
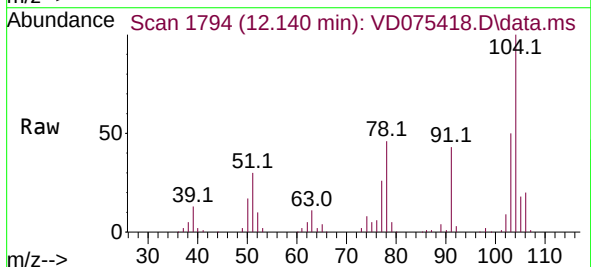
Instrument :
MSVOA_D
ClientSampleId :
VICV110

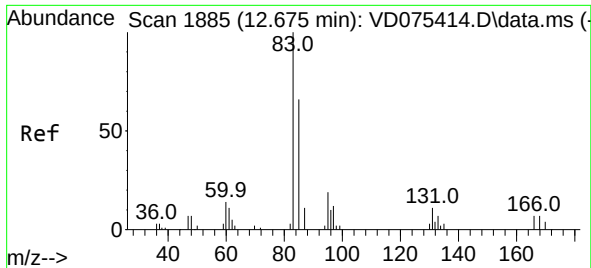
Tgt Ion:106 Resp: 61404
Ion Ratio Lower Upper
106 100
91 208.6 147.7 274.3



#55
Styrene
Concen: 25.563 ug/L
RT: 12.140 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VD075418.D
Acq: 23 Feb 2023 17:19

Tgt Ion:104 Resp: 107341
Ion Ratio Lower Upper
104 100
78 45.8 32.5 60.3

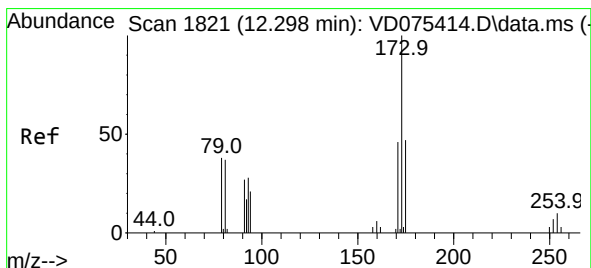
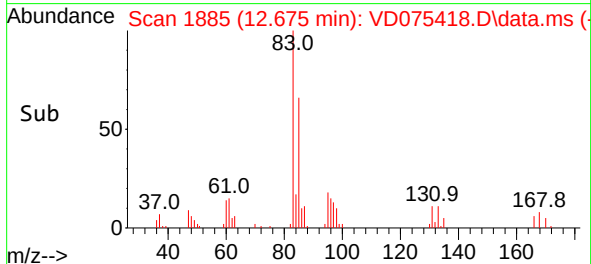
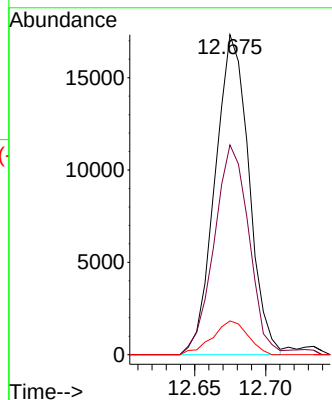
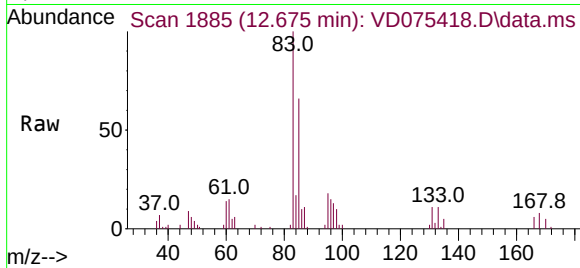




#57
 1,1,2,2-Tetrachloroethane
 Concen: 24.450 ug/L
 RT: 12.675 min Scan# 1885
 Delta R.T. 0.000 min
 Lab File: VD075418.D
 Acq: 23 Feb 2023 17:19

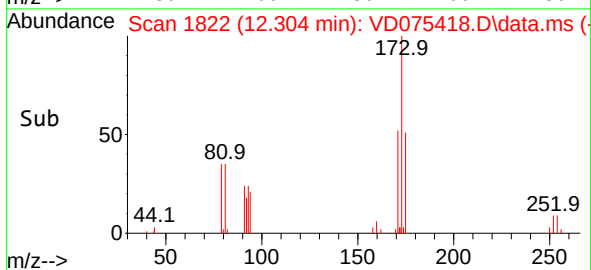
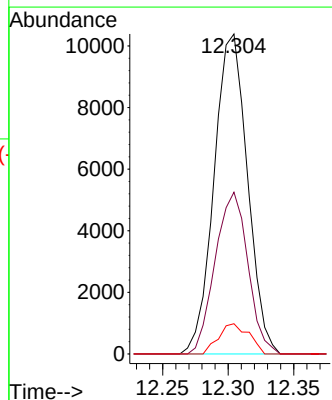
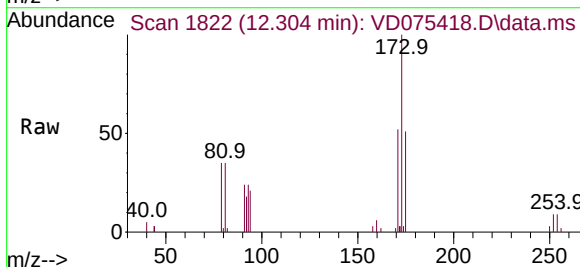
Instrument :
 MSVOA_D
 ClientSampleId :
 VICV110

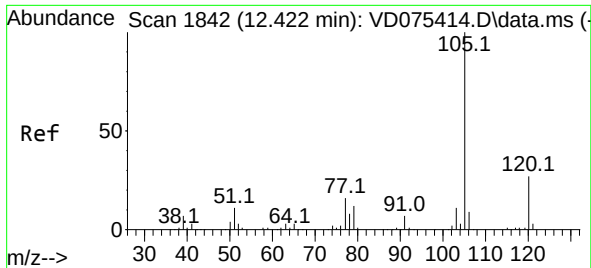
Tgt Ion:	83	Resp:	28658
Ion	Ratio	Lower	Upper
83	100		
85	65.6	45.9	85.3
131	10.6	9.0	13.6



#59
 Bromoform
 Concen: 24.534 ug/L
 RT: 12.304 min Scan# 1822
 Delta R.T. 0.006 min
 Lab File: VD075418.D
 Acq: 23 Feb 2023 17:19

Tgt Ion:	173	Resp:	18396
Ion	Ratio	Lower	Upper
173	100		
175	49.5	37.7	56.5
254	8.6	7.0	10.4

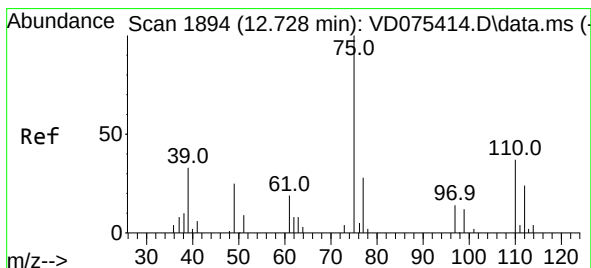
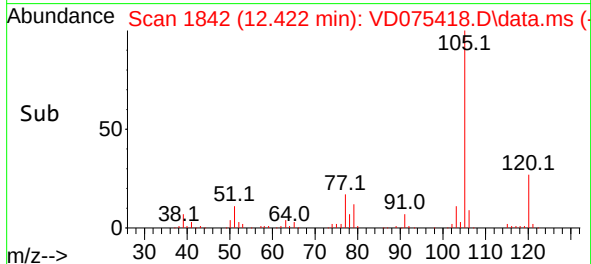
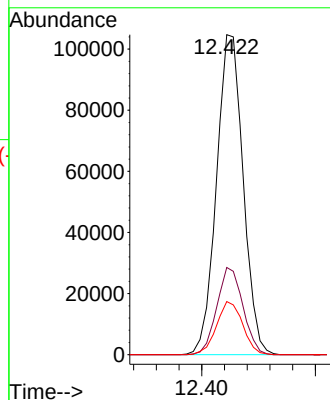
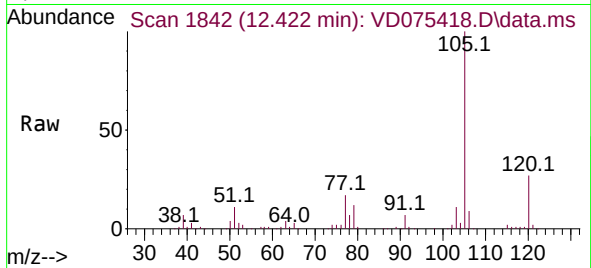




#60
Isopropylbenzene
Concen: 25.097 ug/L
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD075418.D
Acq: 23 Feb 2023 17:19

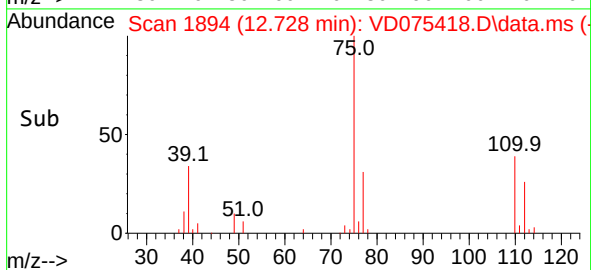
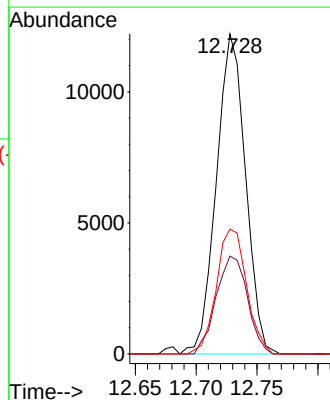
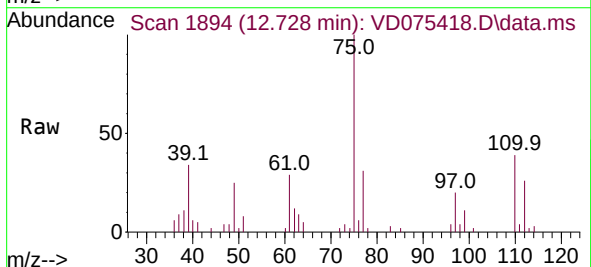
Instrument :
MSVOA_D
ClientSampleId :
VICV110

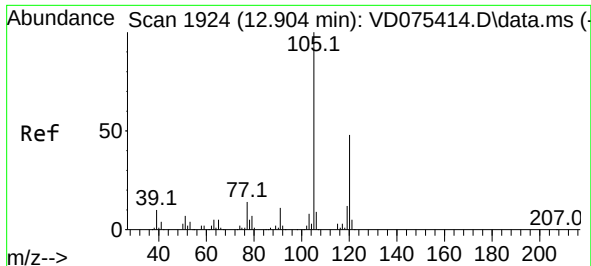
Tgt Ion:105 Resp: 170770
Ion Ratio Lower Upper
105 100
120 26.7 20.8 31.2
77 16.3 12.9 19.3



#61
1,2,3-Trichloropropane
Concen: 25.416 ug/L
RT: 12.728 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VD075418.D
Acq: 23 Feb 2023 17:19

Tgt Ion: 75 Resp: 20318
Ion Ratio Lower Upper
75 100
77 32.8 24.6 36.8
110 40.4 32.4 48.6





#62

1,3,5-Trimethylbenzene

Concen: 25.571 ug/L

RT: 12.910 min Scan# 1925

Delta R.T. 0.006 min

Lab File: VD075418.D

Acq: 23 Feb 2023 17:19

Instrument :

MSVOA_D

ClientSampleId :

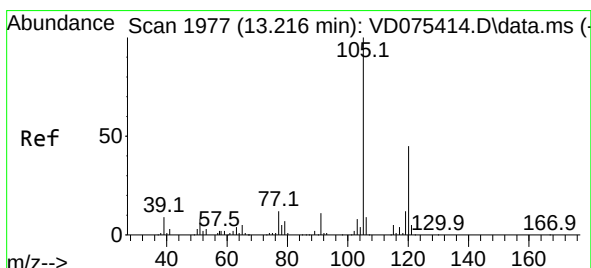
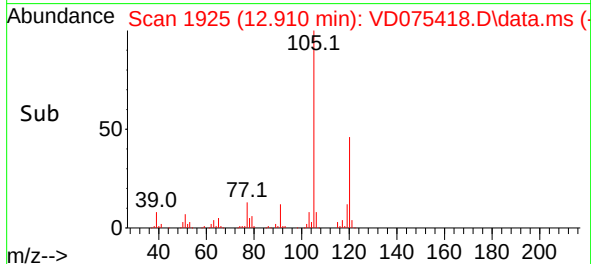
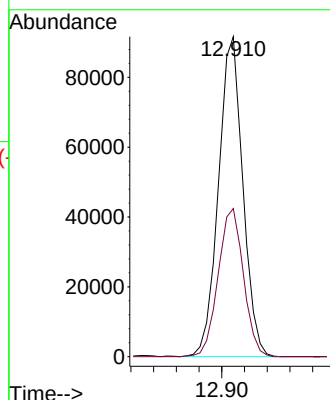
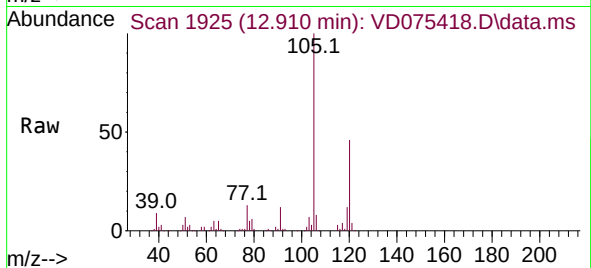
VICV110

Tgt Ion:105 Resp: 136346

Ion Ratio Lower Upper

105 100

120 48.0 38.6 57.8



#63

1,2,4-Trimethylbenzene

Concen: 25.879 ug/L

RT: 13.216 min Scan# 1977

Delta R.T. 0.000 min

Lab File: VD075418.D

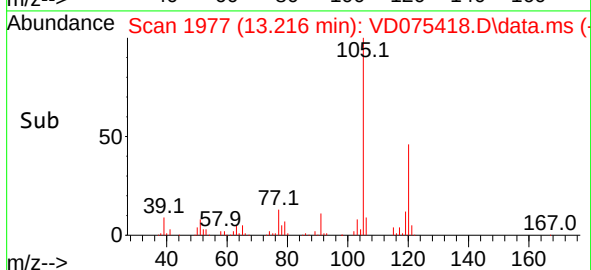
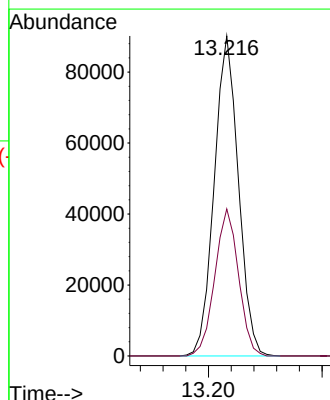
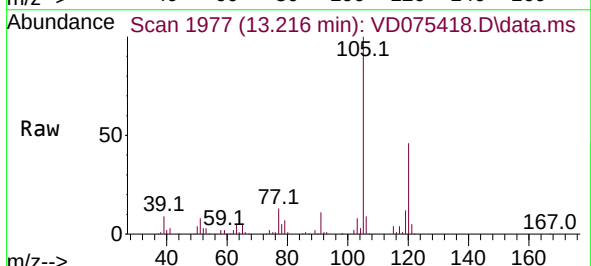
Acq: 23 Feb 2023 17:19

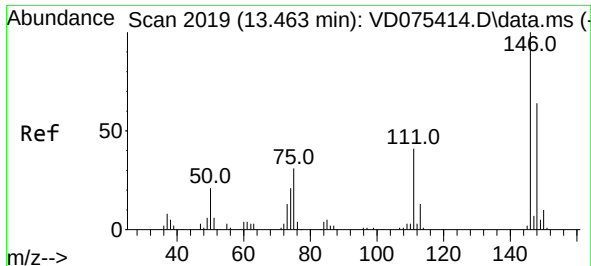
Tgt Ion:105 Resp: 133017

Ion Ratio Lower Upper

105 100

120 45.1 36.3 54.5





#64

1,3-Dichlorobenzene

Concen: 24.313 ug/L

RT: 13.463 min Scan# 2019

Delta R.T. 0.000 min

Lab File: VD075418.D

Acq: 23 Feb 2023 17:19

Instrument :

MSVOA_D

ClientSampleId :

VICV110

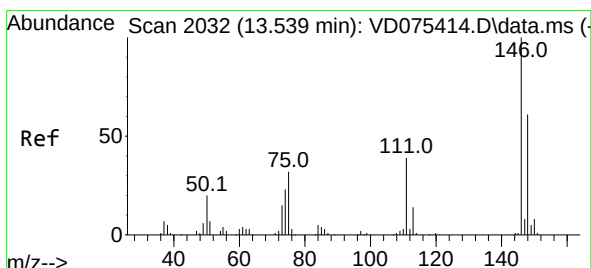
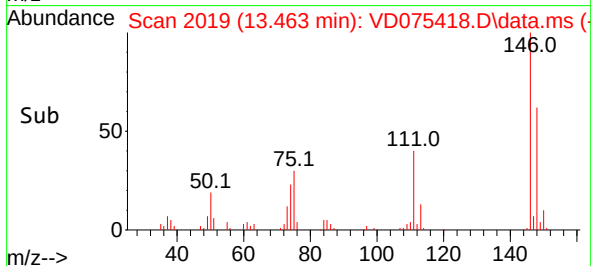
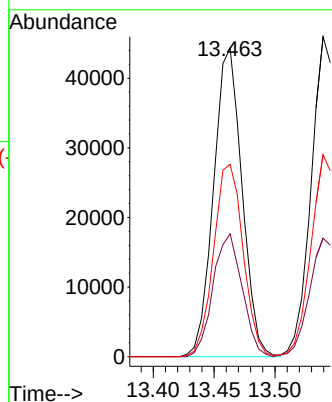
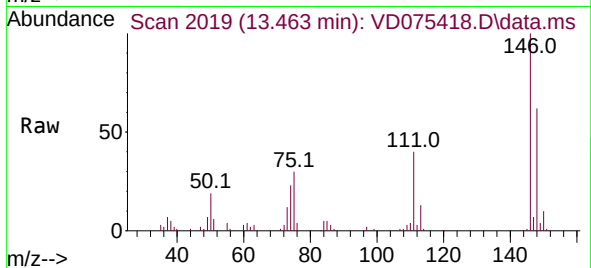
Tgt Ion:146 Resp: 72009

Ion Ratio Lower Upper

146 100

111 39.8 28.8 53.4

148 62.3 44.7 83.1



#65

1,4-Dichlorobenzene

Concen: 24.483 ug/L

RT: 13.540 min Scan# 2032

Delta R.T. 0.000 min

Lab File: VD075418.D

Acq: 23 Feb 2023 17:19

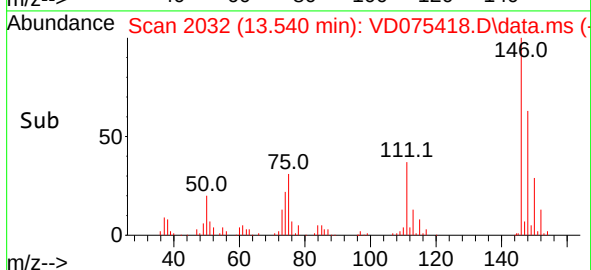
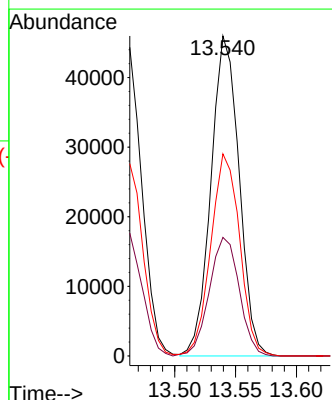
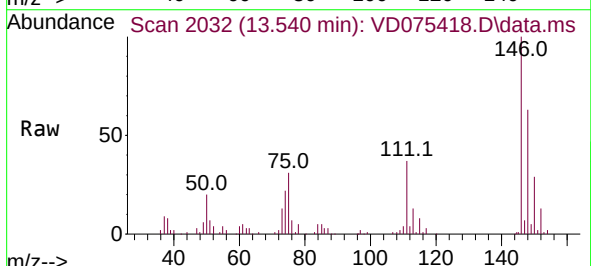
Tgt Ion:146 Resp: 74009

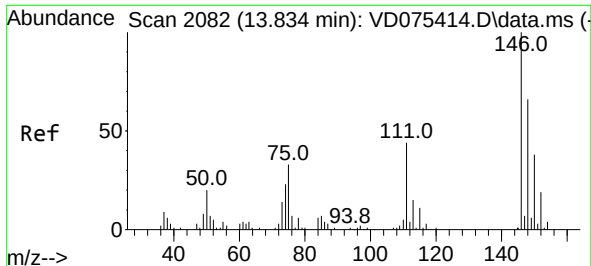
Ion Ratio Lower Upper

146 100

111 37.1 27.9 51.7

148 63.2 43.3 80.5





#67

1,2-Dichlorobenzene

Concen: 24.526 ug/L

RT: 13.834 min Scan# 2082

Delta R.T. 0.000 min

Lab File: VD075418.D

Acq: 23 Feb 2023 17:19

Instrument :

MSVOA_D

ClientSampleId :

VICV110

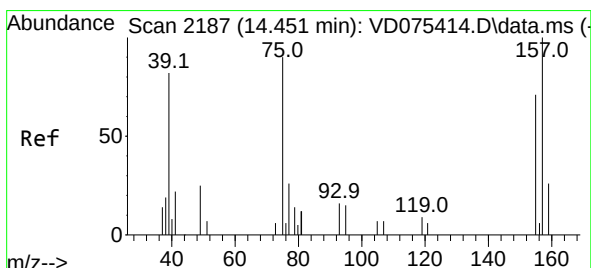
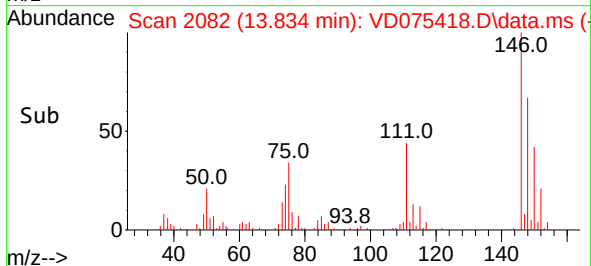
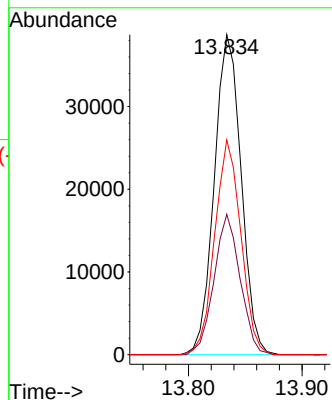
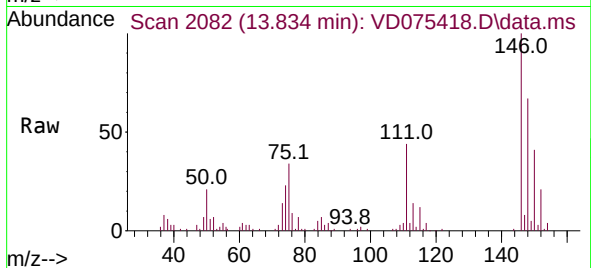
Tgt Ion:146 Resp: 63679

Ion Ratio Lower Upper

146 100

111 43.8 35.0 52.6

148 67.1 52.7 79.1



#68

1,2-Dibromo-3-chloropropane

Concen: 23.663 ug/L

RT: 14.451 min Scan# 2187

Delta R.T. 0.000 min

Lab File: VD075418.D

Acq: 23 Feb 2023 17:19

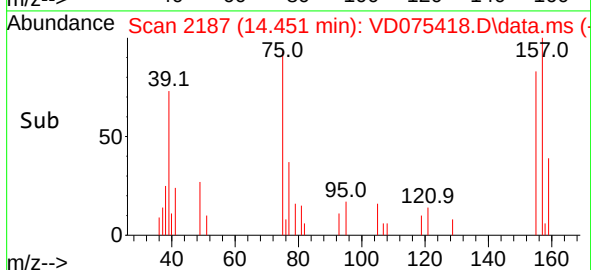
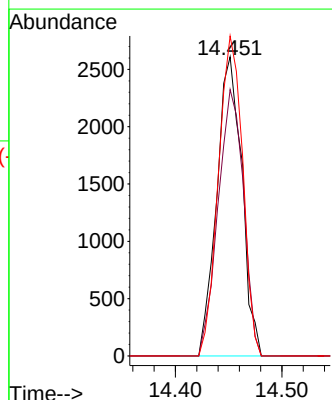
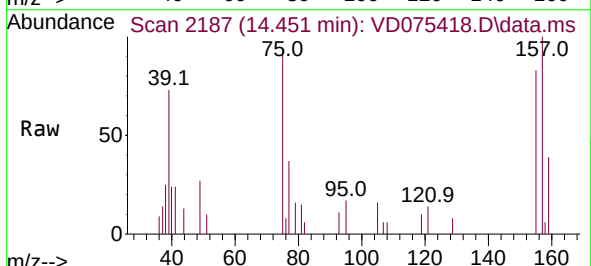
Tgt Ion: 75 Resp: 4262

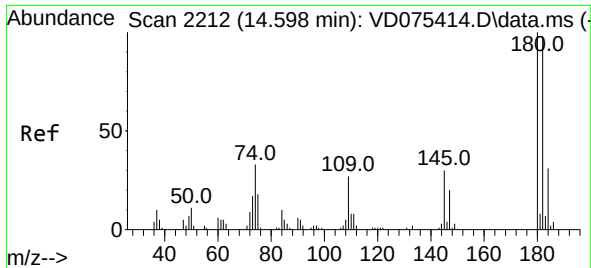
Ion Ratio Lower Upper

75 100

155 89.1 63.1 94.7

157 107.0 89.2 133.8

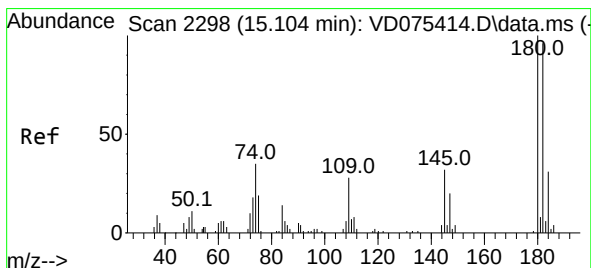
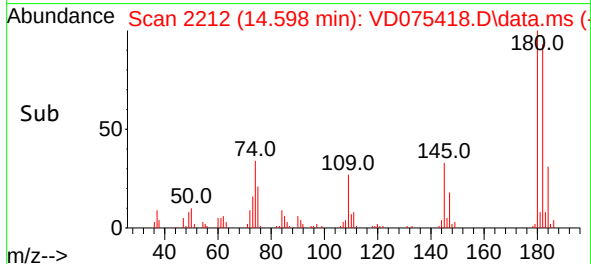
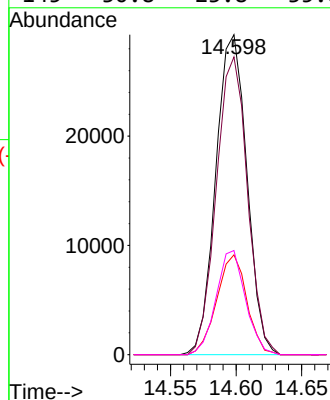
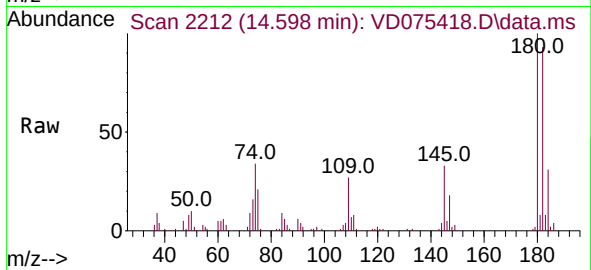




#69
 1,3,5-Trichlorobenzene
 Concen: 24.725 ug/L
 RT: 14.598 min Scan# 2212
 Delta R.T. 0.000 min
 Lab File: VD075418.D
 Acq: 23 Feb 2023 17:19

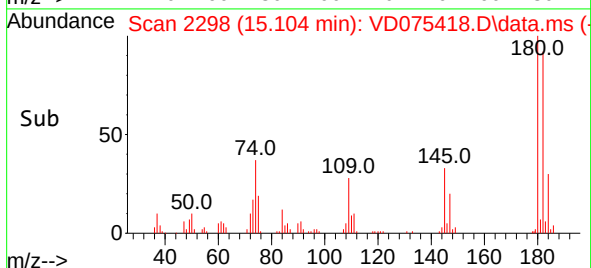
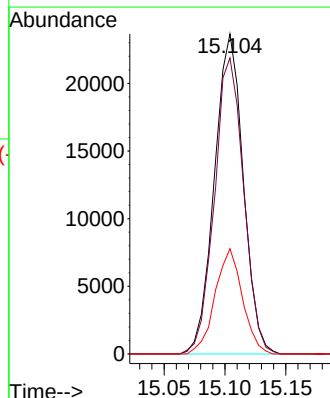
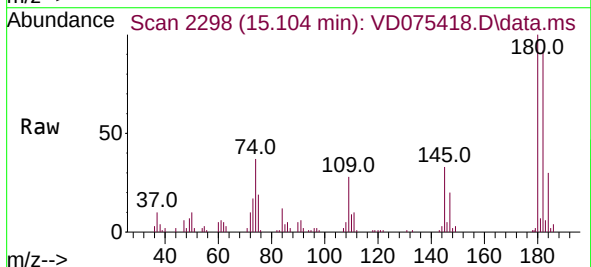
Instrument :
 MSVOA_D
 ClientSampleId :
 VICV110

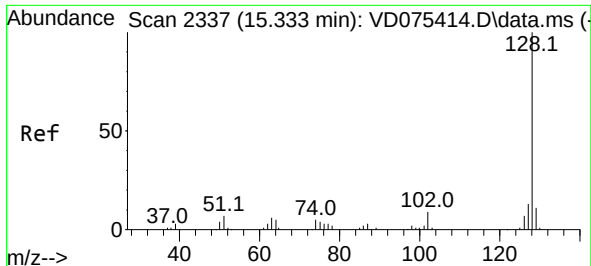
Tgt Ion:180	Resp:	48269
Ion Ratio	Lower	Upper
180	100	
182	93.0	75.0 112.6
184	30.2	23.8 35.6
145	30.8	23.8 35.8



#70
 1,2,4-trichlorobenzene
 Concen: 24.816 ug/L
 RT: 15.104 min Scan# 2298
 Delta R.T. 0.000 min
 Lab File: VD075418.D
 Acq: 23 Feb 2023 17:19

Tgt Ion:180	Resp:	38976
Ion Ratio	Lower	Upper
180	100	
182	93.6	77.1 115.7
145	31.3	23.8 35.6

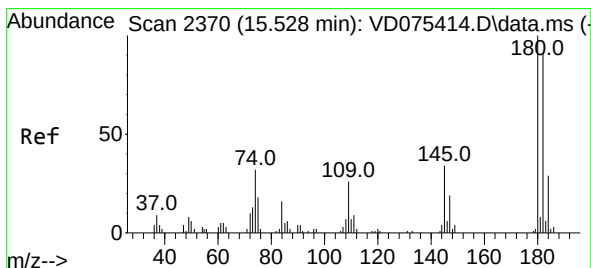
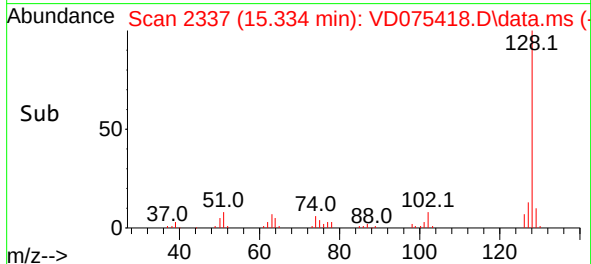
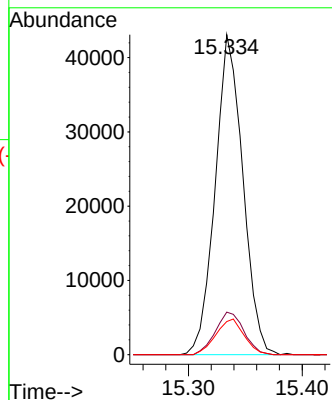
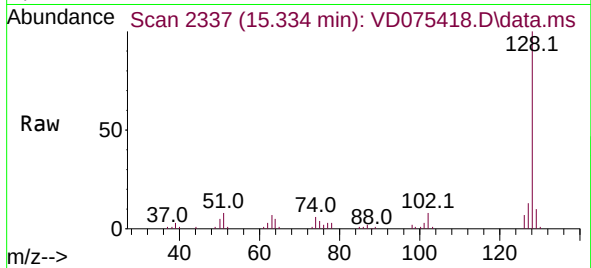




#71
Naphthalene
Concen: 25.627 ug/L
RT: 15.334 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD075418.D
Acq: 23 Feb 2023 17:19

Instrument :
MSVOA_D
ClientSampleId :
VICV110

Tgt Ion:128 Resp: 72771
Ion Ratio Lower Upper
128 100
127 13.7 10.6 16.0
129 11.4 8.6 12.8



#72
1,2,3-Trichlorobenzene
Concen: 26.397 ug/L
RT: 15.522 min Scan# 2369
Delta R.T. -0.006 min
Lab File: VD075418.D
Acq: 23 Feb 2023 17:19

Tgt Ion:180 Resp: 35755
Ion Ratio Lower Upper
180 100
182 91.4 75.4 113.2
145 31.2 26.6 39.8

