

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022323\
 Data File : VD075408.D
 Acq On : 23 Feb 2023 11:25
 Operator : KP/SY
 Sample : VSTD00502
 Misc : 5.00G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD005102

Quant Time: Feb 23 23:18:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM022323SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Feb 23 23:16:46 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	83105	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	76787	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	37563	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	9667	9.006	ug/L	0.00
7) Chloroethane-d5	2.805	69	7683	10.304	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.922	63	13514	6.221	ug/L	0.00
21) 2-Butanone-d5	6.987	46	2541	10.325	ug/L	0.00
24) Chloroform-d	7.575	84	13140	6.167	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.234	65	6914	6.339	ug/L	0.00
32) Benzene-d6	8.199	84	25540	5.541	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.210	67	7699	5.701	ug/L	0.00
41) Toluene-d8	10.269	98	21986	5.202	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.528	79	2680	4.656	ug/L	0.00
47) 2-Hexanone-d5	10.875	63	1740	8.403	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.651	84	5767	6.074	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.816	152	7347	5.573	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	8514	12.080	ug/L	100
3) Chloromethane	2.146	50	10445	10.059	ug/L	98
5) Vinyl chloride	2.281	62	11030	8.662	ug/L	94
6) Bromomethane	2.693	94	5115	7.762	ug/L	84
8) Chloroethane	2.834	64	7010	10.789	ug/L	97
9) Trichlorofluoromethane	3.175	101	12665	11.829	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	3.975	101	7649	6.609	ug/L #	48
12) 1,1-Dichloroethene	3.940	96	6122	5.662	ug/L	78
13) Acetone	4.022	43	1822	6.004	ug/L	79
14) Carbon disulfide	4.275	76	21934	6.223	ug/L	97
15) Methyl Acetate	4.563	43	2513	5.574	ug/L #	91
16) Methylene chloride	4.805	84	10969	8.050	ug/L	91
17) trans-1,2-Dichloroethene	5.316	96	6434	5.550	ug/L	93
18) Methyl tert-butyl Ether	5.316	73	12356	6.884	ug/L #	75
19) 1,1-Dichloroethane	6.116	63	12158	5.890	ug/L	94
20) cis-1,2-Dichloroethene	7.081	96	6618	5.448	ug/L	97
22) 2-Butanone	7.093	43	3398	10.026	ug/L	96
23) Bromochloromethane	7.422	128	1953	3.796	ug/L	91
25) Chloroform	7.604	83	12571	6.103	ug/L	96
27) 1,2-Dichloroethane	8.322	62	7811	6.123	ug/L	96
29) Cyclohexane	7.881	56	9629	4.647	ug/L	98
30) 1,1,1-Trichloroethane	7.793	97	11259	6.095	ug/L	99
31) Carbon tetrachloride	7.993	117	9092	5.450	ug/L	95
33) Benzene	8.252	78	26769	5.515	ug/L	100
34) Trichloroethene	9.028	95	7660	6.032	ug/L	91
35) Methylcyclohexane	9.275	83	10665	4.721	ug/L	98
37) 1,2-Dichloropropane	9.304	63	7020	5.771	ug/L #	92
38) Bromodichloromethane	9.587	83	8804	5.758	ug/L #	97
39) cis-1,3-Dichloropropene	10.016	75	8541	4.658	ug/L #	74
40) 4-Methyl-2-pentanone	10.157	43	6305	9.786	ug/L #	93
42) Toluene	10.334	91	27664	5.380	ug/L	99
44) trans-1,3-Dichloropropene	10.551	75	7394	4.714	ug/L	99

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 Quant Title : SFAM01.0
 QLast Update : Thu Feb 23 23:16:46 2023
 Response via : Initial Calibration

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

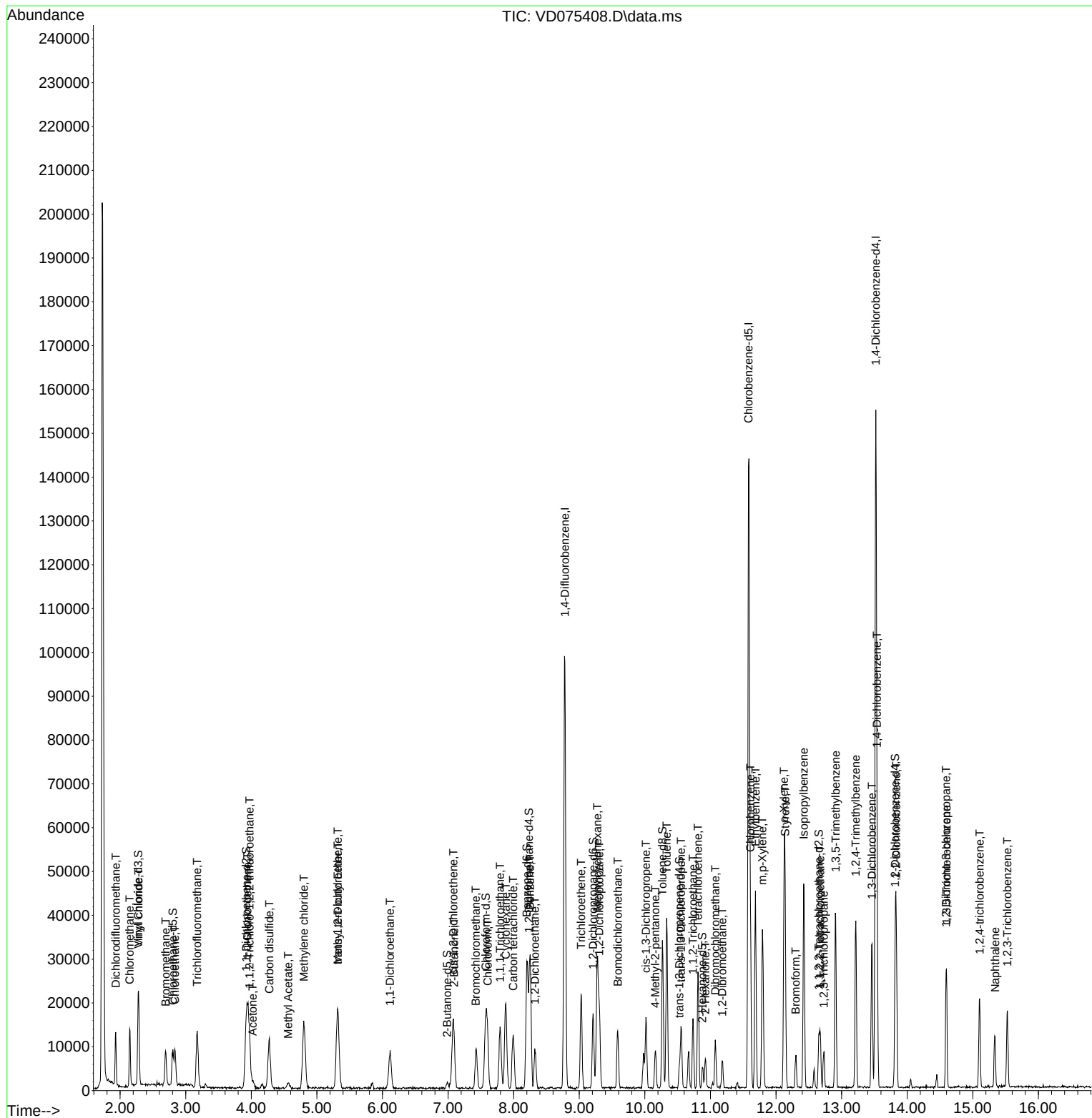
45) 1,1,2-Trichloroethane	10.734	97	4729	5.595	ug/L	90
46) Tetrachloroethene	10.810	164	5788	6.032	ug/L	96
48) 2-Hexanone	10.922	43	4858	9.898	ug/L	94
49) Dibromochloromethane	11.075	129	5599	5.666	ug/L	94
50) 1,2-Dibromoethane	11.181	107	4421	5.585	ug/L #	92
51) Chlorobenzene	11.610	112	18345	5.692	ug/L	92
52) Ethylbenzene	11.687	91	29881	5.219	ug/L	100
53) m,p-Xylene	11.792	106	11377	5.158	ug/L	98
54) o-Xylene	12.122	106	10179	4.996	ug/L	97
55) Styrene	12.140	104	17936	5.171	ug/L	93
57) 1,1,2,2-Tetrachloroethane	12.675	83	5432	5.775	ug/L #	95
59) Bromoform	12.298	173	3326	6.103	ug/L #	96
60) Isopropylbenzene	12.422	105	28456	4.808	ug/L	99
61) 1,2,3-Trichloropropane	12.728	75	3482	4.814	ug/L	97
62) 1,3,5-Trimethylbenzene	12.910	105	20755	4.222	ug/L	96
63) 1,2,4-Trimethylbenzene	13.216	105	20454	4.229	ug/L	98
64) 1,3-Dichlorobenzene	13.463	146	13076	5.384	ug/L	94
65) 1,4-Dichlorobenzene	13.539	146	14075	5.809	ug/L	89
67) 1,2-Dichlorobenzene	13.834	146	11611	5.505	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.592	75	1386	8.411	ug/L #	1
69) 1,3,5-Trichlorobenzene	14.598	180	8390	4.812	ug/L	97
70) 1,2,4-trichlorobenzene	15.104	180	6562	4.468	ug/L	98
71) Naphthalene	15.339	128	10292	3.675	ug/L	98
72) 1,2,3-Trichlorobenzene	15.528	180	5917	4.748	ug/L	95

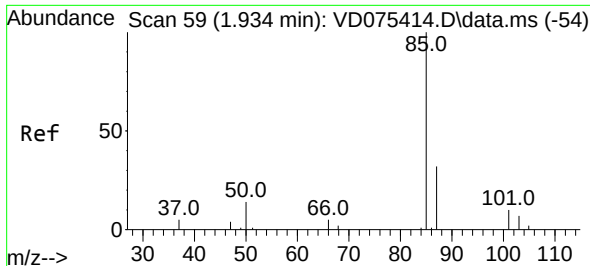
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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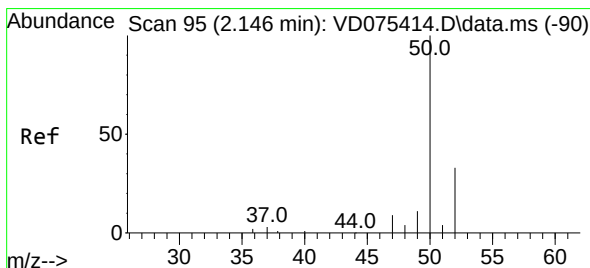
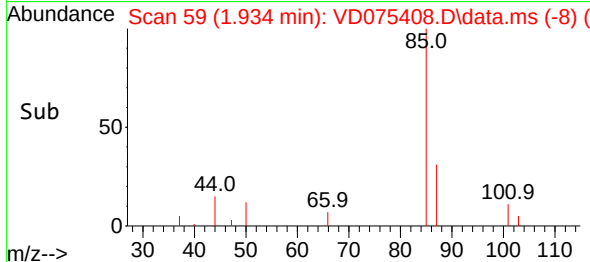
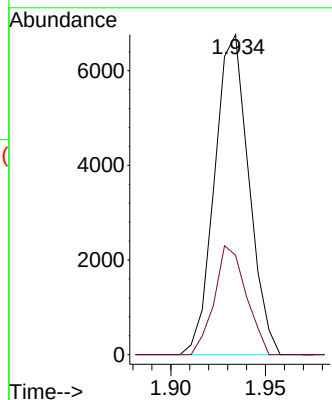
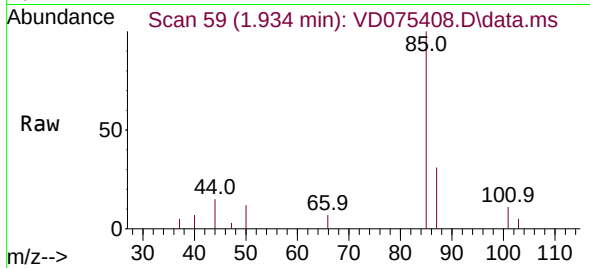




#2
Dichlorodifluoromethane
Concen: 12.080 ug/L
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD075408.D
Acq: 23 Feb 2023 11:25

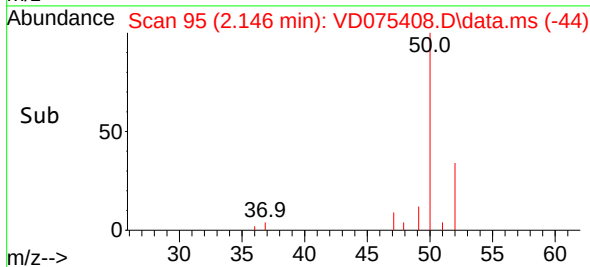
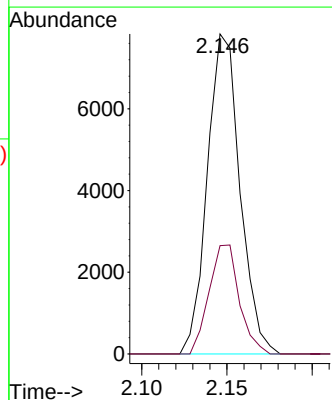
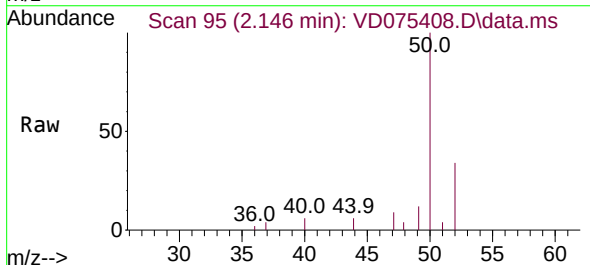
Instrument :
MSVOA_D
ClientSampleId :
VSTD005102

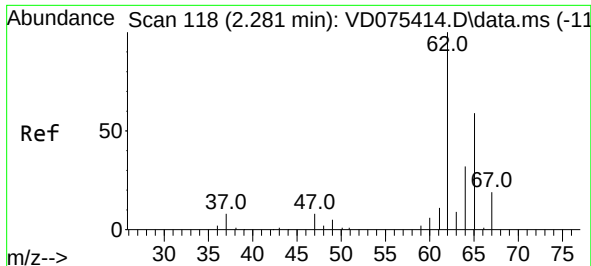
Tgt Ion: 85 Resp: 8514
Ion Ratio Lower Upper
85 100
87 31.5 25.1 37.7



#3
Chloromethane
Concen: 10.059 ug/L
RT: 2.146 min Scan# 95
Delta R.T. 0.000 min
Lab File: VD075408.D
Acq: 23 Feb 2023 11:25

Tgt Ion: 50 Resp: 10445
Ion Ratio Lower Upper
50 100
52 33.9 22.8 42.4

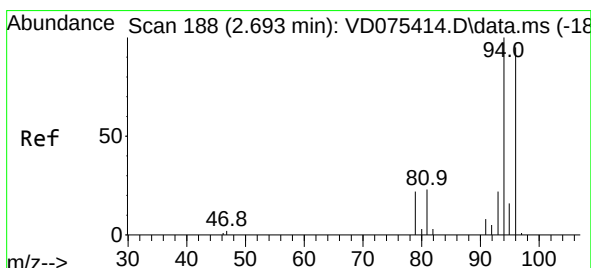
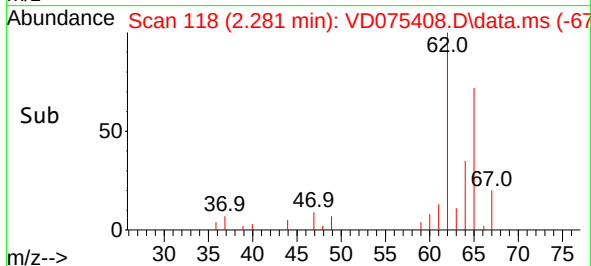
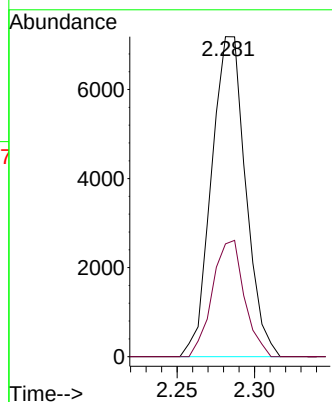
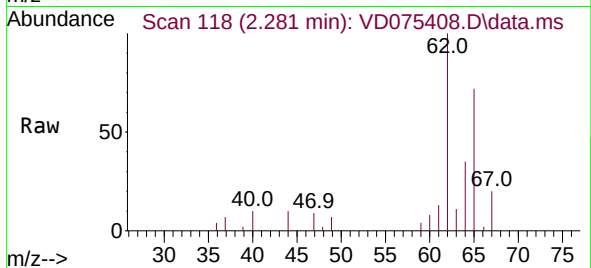




#5
 Vinyl chloride
 Concen: 8.662 ug/L
 RT: 2.281 min Scan# 118
 Delta R.T. 0.000 min
 Lab File: VD075408.D
 Acq: 23 Feb 2023 11:25

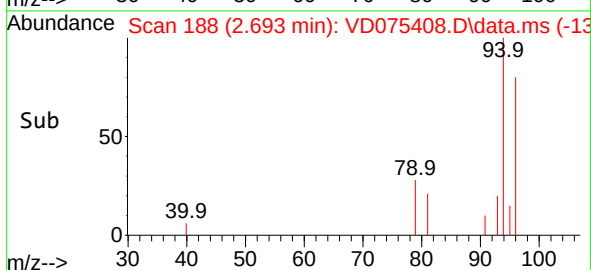
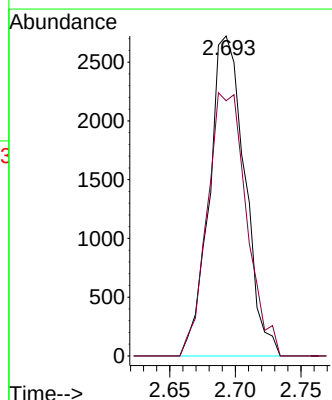
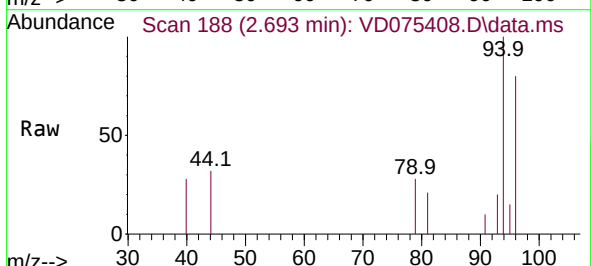
Instrument :
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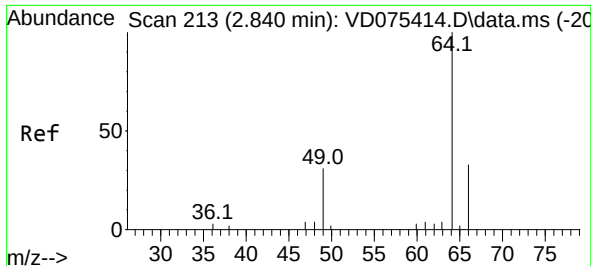
Tgt Ion: 62 Resp: 11030
 Ion Ratio Lower Upper
 62 100
 64 35.3 22.4 41.6



#6
 Bromomethane
 Concen: 7.762 ug/L
 RT: 2.693 min Scan# 188
 Delta R.T. 0.000 min
 Lab File: VD075408.D
 Acq: 23 Feb 2023 11:25

Tgt Ion: 94 Resp: 5115
 Ion Ratio Lower Upper
 94 100
 96 79.7 66.4 123.4

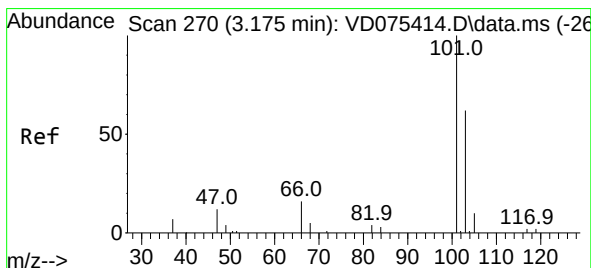
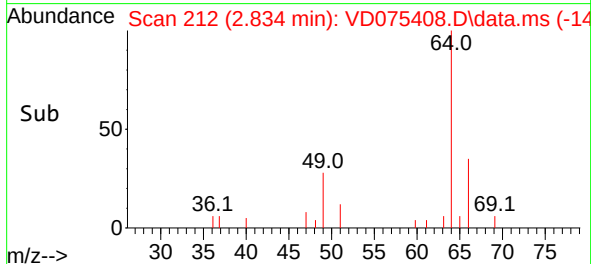
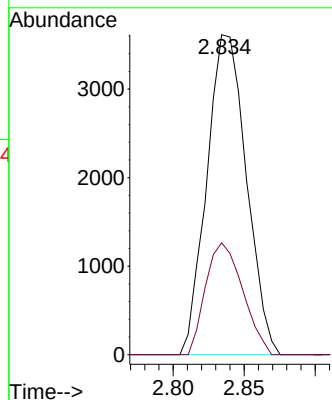
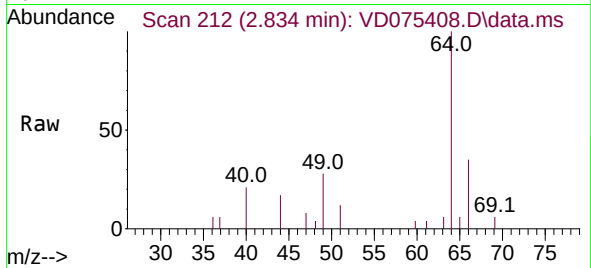




#8
Chloroethane
Concen: 10.789 ug/L
RT: 2.834 min Scan# 213
Delta R.T. -0.006 min
Lab File: VD075408.D
Acq: 23 Feb 2023 11:25

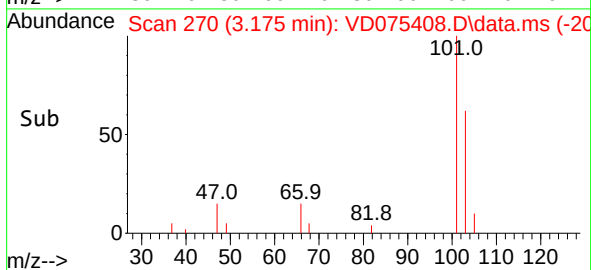
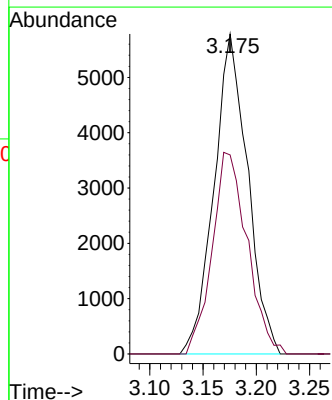
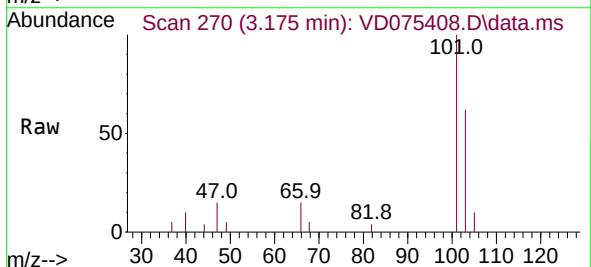
Instrument :
MSVOA_D
ClientSampleId :
VSTD005102

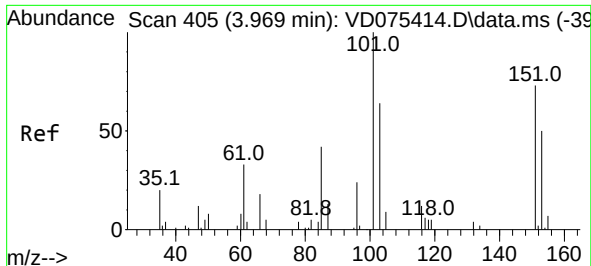
Tgt Ion: 64 Resp: 7010
Ion Ratio Lower Upper
64 100
66 35.0 23.2 43.0



#9
Trichlorofluoromethane
Concen: 11.829 ug/L
RT: 3.175 min Scan# 270
Delta R.T. 0.000 min
Lab File: VD075408.D
Acq: 23 Feb 2023 11:25

Tgt Ion:101 Resp: 12665
Ion Ratio Lower Upper
101 100
103 65.6 50.2 75.2





#10

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

Concen: 6.609 ug/L

RT: 3.975 min Scan# 405

Delta R.T. 0.006 min

Lab File: VD075408.D

Acq: 23 Feb 2023 11:25

Instrument :

MSVOA_D

ClientSampleId :

VSTD005102

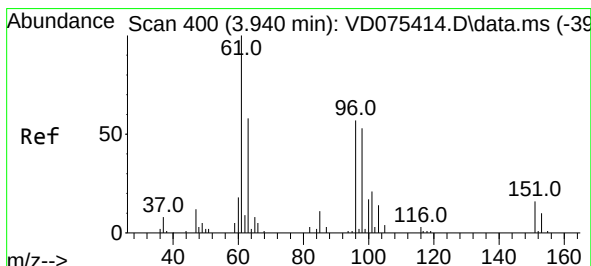
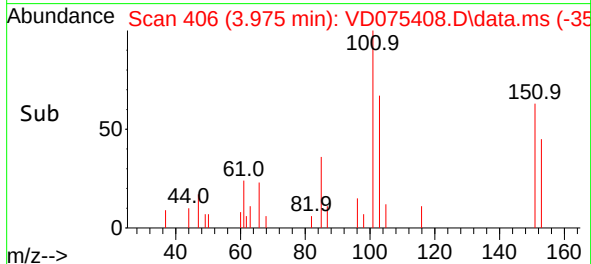
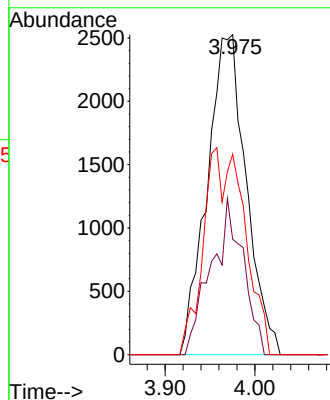
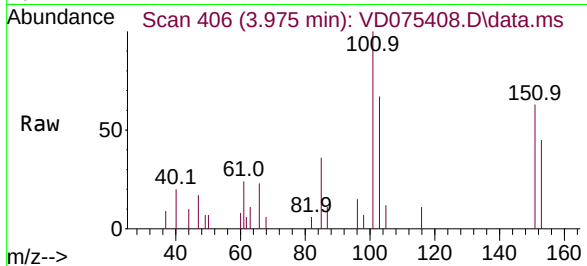
Tgt Ion:101 Resp: 7649

Ion Ratio Lower Upper

101 100

85 4.8 36.7 55.1#

151 35.1 58.2 87.2#



#12

1,1-Dichloroethene

Concen: 5.662 ug/L

RT: 3.940 min Scan# 400

Delta R.T. 0.000 min

Lab File: VD075408.D

Acq: 23 Feb 2023 11:25

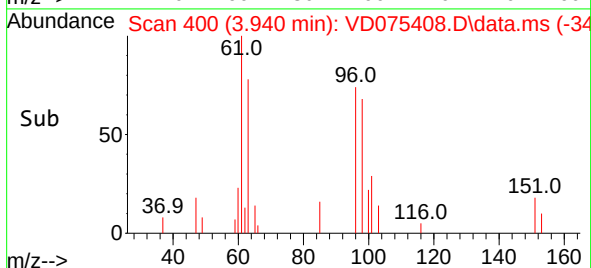
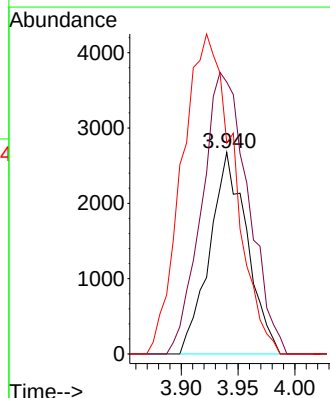
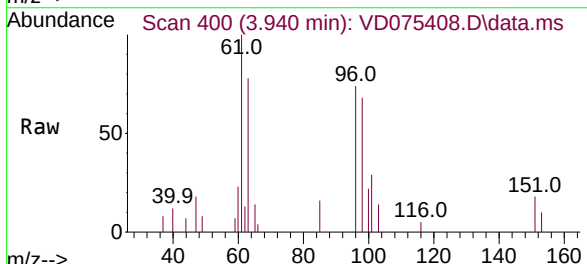
Tgt Ion: 96 Resp: 6122

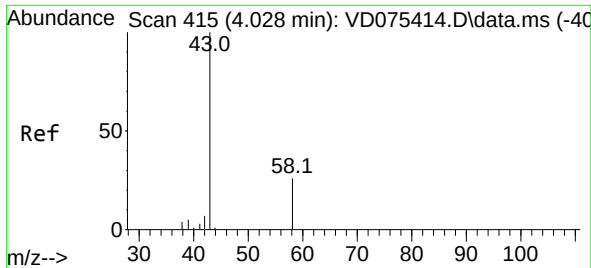
Ion Ratio Lower Upper

96 100

61 134.8 123.8 229.8

63 104.6 81.3 150.9





#13

Acetone

Concen: 6.004 ug/L

RT: 4.022 min Scan# 415

Delta R.T. -0.006 min

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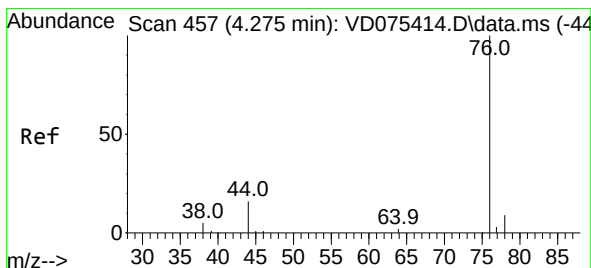
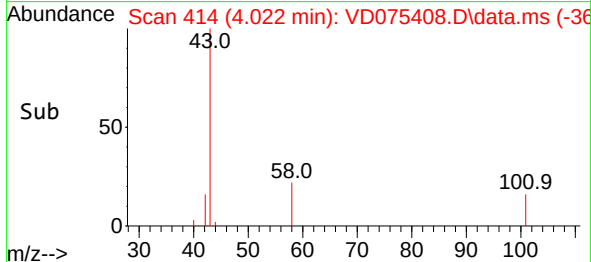
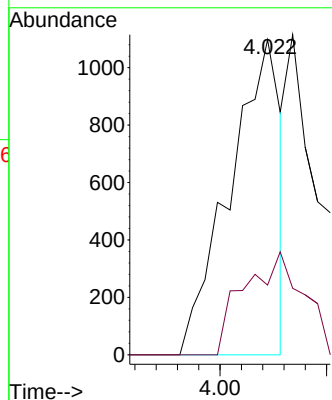
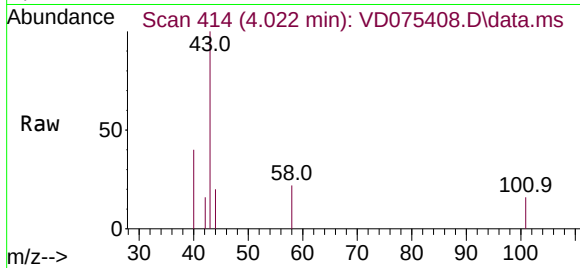
VSTD005102

Tgt Ion: 43 Resp: 1822

Ion Ratio Lower Upper

43 100

58 37.7 0.0 53.8



#14

Carbon disulfide

Concen: 6.223 ug/L

RT: 4.275 min Scan# 457

Delta R.T. 0.000 min

Lab File: VD075408.D

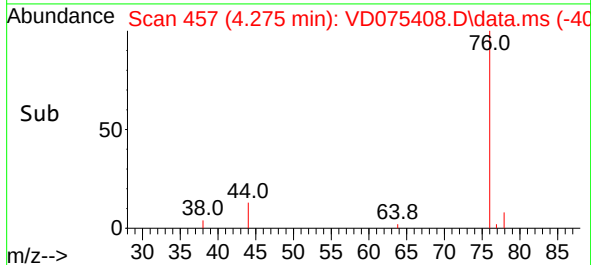
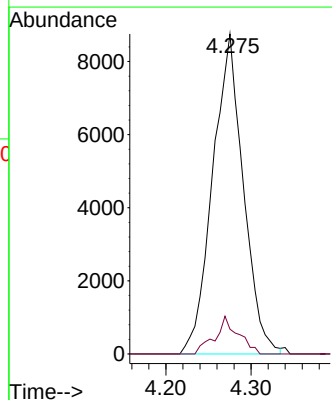
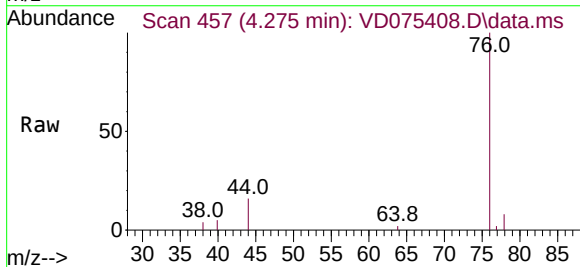
Acq: 23 Feb 2023 11:25

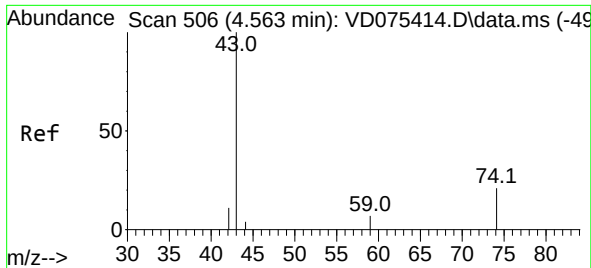
Tgt Ion: 76 Resp: 21934

Ion Ratio Lower Upper

76 100

78 7.7 7.0 10.6

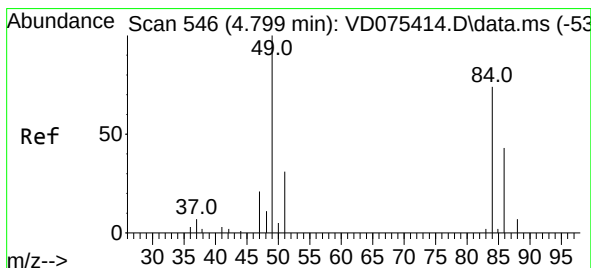
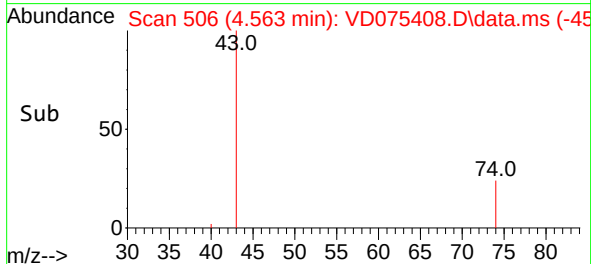
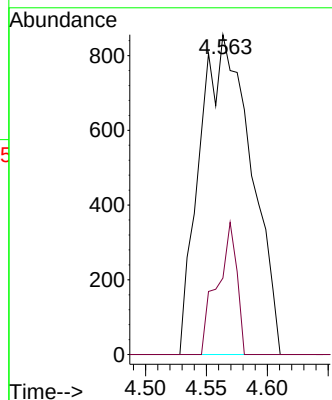
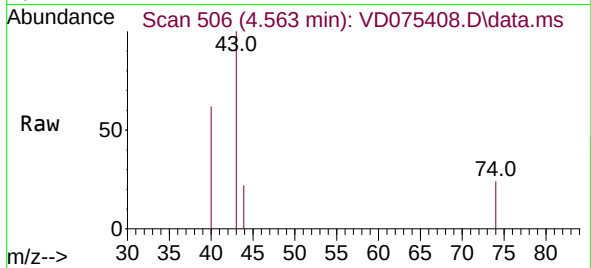




#15
Methyl Acetate
Concen: 5.574 ug/L
RT: 4.563 min Scan# 506
Delta R.T. 0.000 min
Lab File: VD075408.D
Acq: 23 Feb 2023 11:25

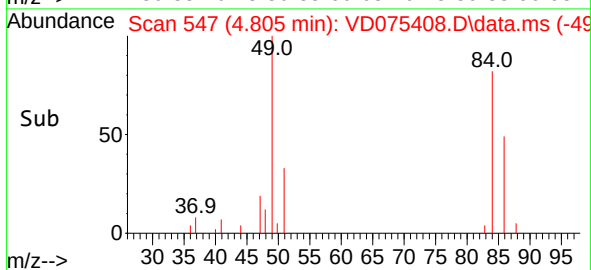
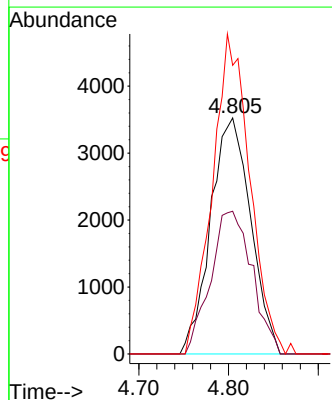
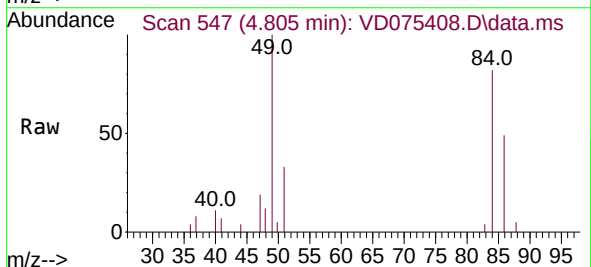
Instrument :
MSVOA_D
ClientSampleId :
VSTD005102

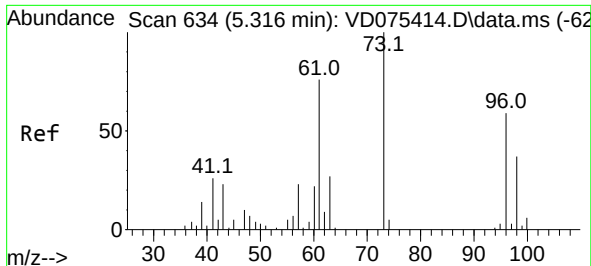
Tgt Ion: 43 Resp: 2513
Ion Ratio Lower Upper
43 100
74 10.9 11.7 17.5#



#16
Methylene chloride
Concen: 8.050 ug/L
RT: 4.805 min Scan# 547
Delta R.T. 0.006 min
Lab File: VD075408.D
Acq: 23 Feb 2023 11:25

Tgt Ion: 84 Resp: 10969
Ion Ratio Lower Upper
84 100
86 60.5 41.0 76.2
49 122.3 95.2 176.8

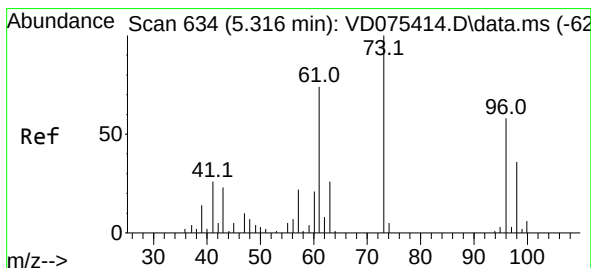
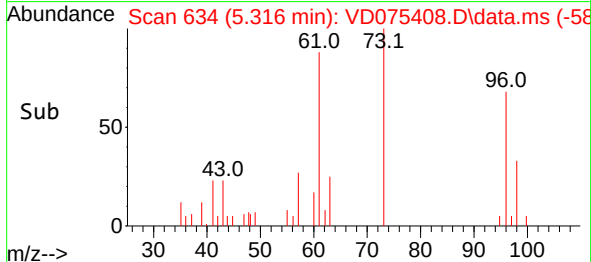
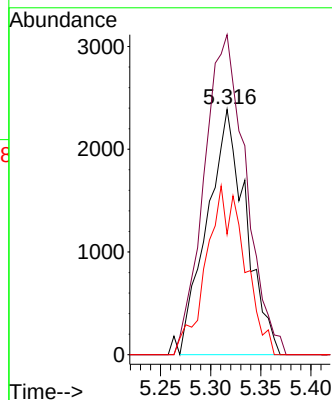
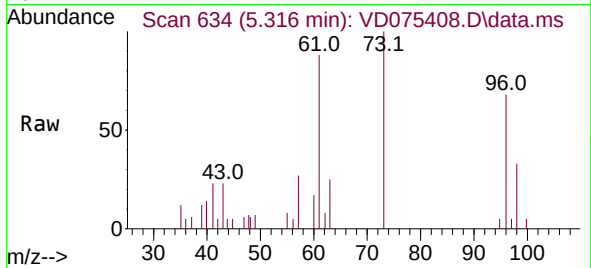




#17
trans-1,2-Dichloroethene
Concen: 5.550 ug/L
RT: 5.316 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD075408.D
Acq: 23 Feb 2023 11:25

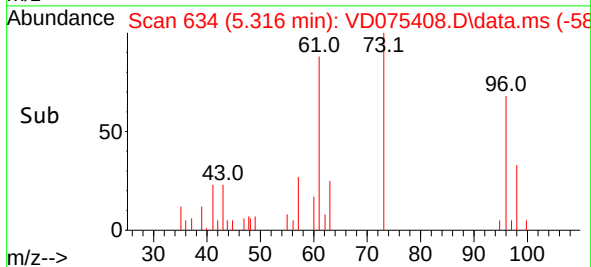
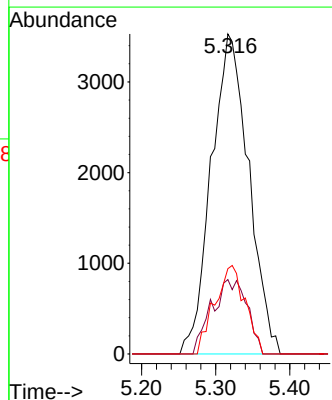
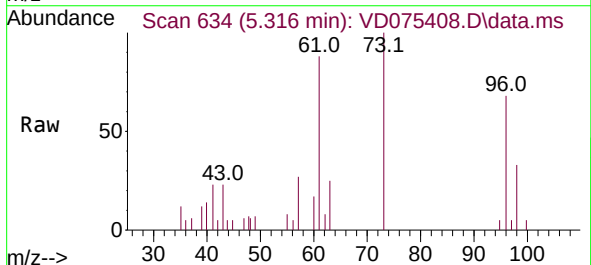
Instrument :
MSVOA_D
ClientSampleId :
VSTD005102

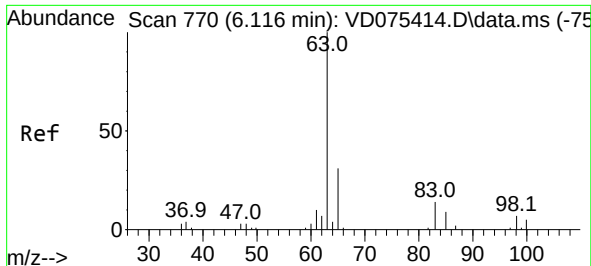
Tgt Ion: 96 Resp: 6434
Ion Ratio Lower Upper
96 100
61 130.4 90.2 167.4
98 49.1 43.7 81.1



#18
Methyl tert-butyl Ether
Concen: 6.884 ug/L
RT: 5.316 min Scan# 634
Delta R.T. 0.000 min
Lab File: VD075408.D
Acq: 23 Feb 2023 11:25

Tgt Ion: 73 Resp: 12356
Ion Ratio Lower Upper
73 100
43 3.1 17.8 26.6#
57 17.9 18.0 27.0#





#19

1,1-Dichloroethane

Concen: 5.890 ug/L

RT: 6.116 min Scan# 770

Delta R.T. 0.000 min

Lab File: VD075408.D

Acq: 23 Feb 2023 11:25

Instrument :

MSVOA_D

ClientSampleId :

VSTD005102

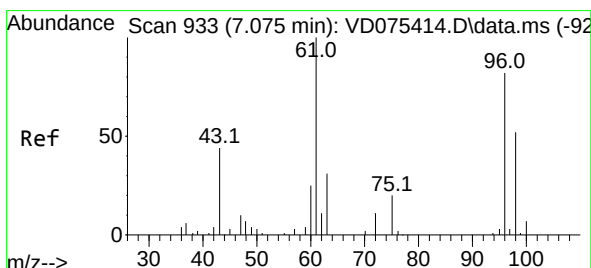
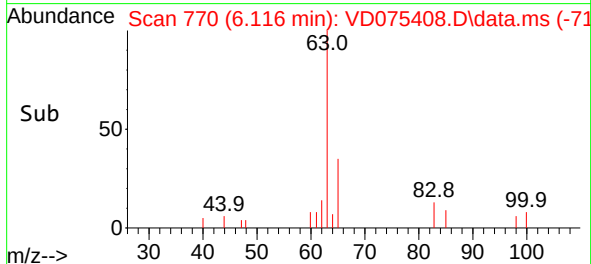
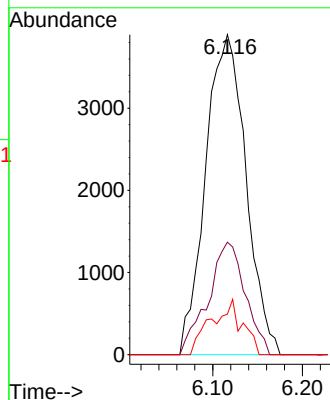
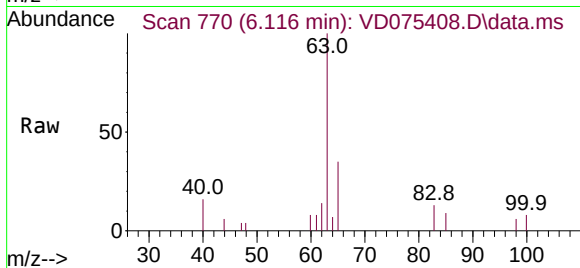
Tgt Ion: 63 Resp: 12158

Ion Ratio Lower Upper

63 100

65 35.1 21.8 40.4

83 12.6 9.9 18.5



#20

cis-1,2-Dichloroethene

Concen: 5.448 ug/L

RT: 7.081 min Scan# 934

Delta R.T. 0.006 min

Lab File: VD075408.D

Acq: 23 Feb 2023 11:25

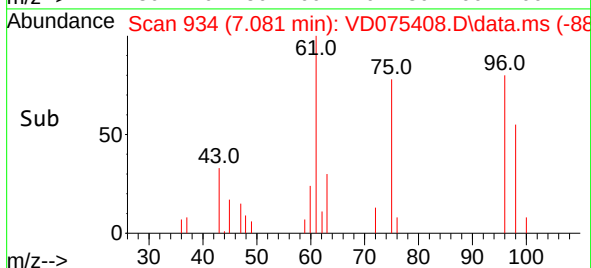
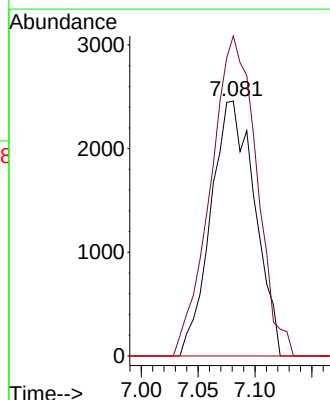
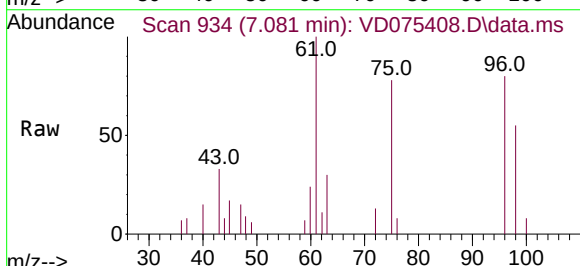
Tgt Ion: 96 Resp: 6618

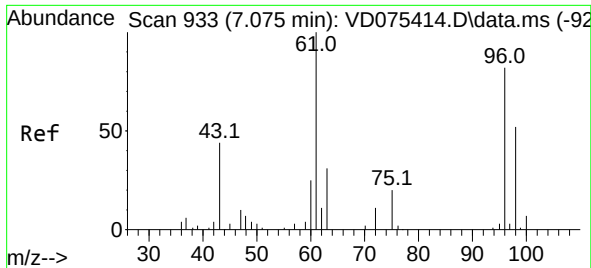
Ion Ratio Lower Upper

96 100

61 125.5 85.3 158.5

68 0.0 0.0 0.0

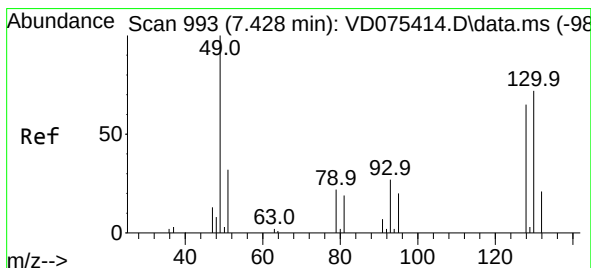
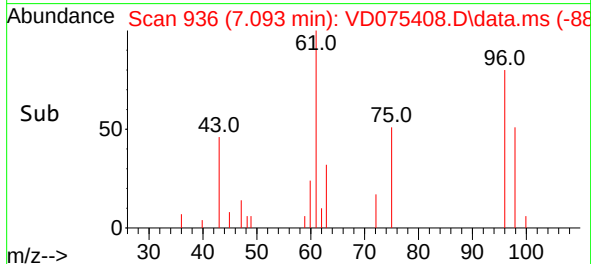
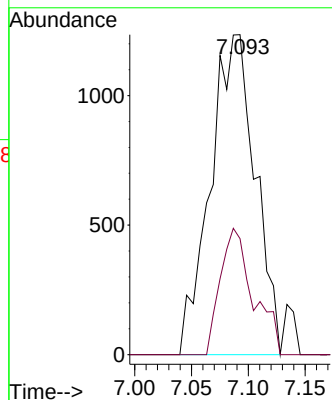
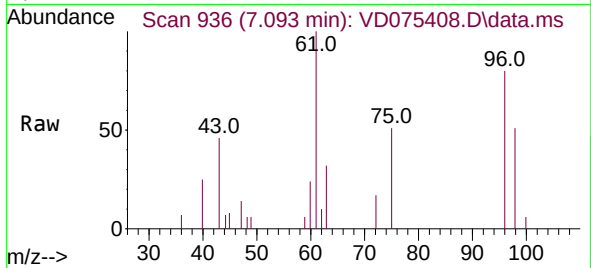




#22
2-Butanone
Concen: 10.026 ug/L
RT: 7.093 min Scan# 91
Delta R.T. 0.018 min
Lab File: VD075408.D
Acq: 23 Feb 2023 11:25

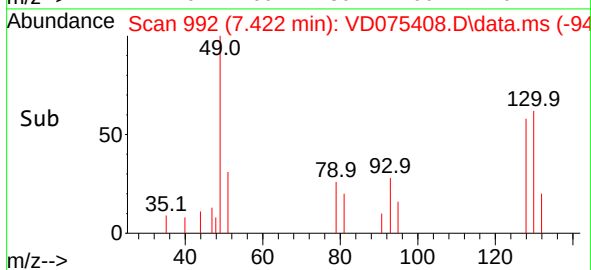
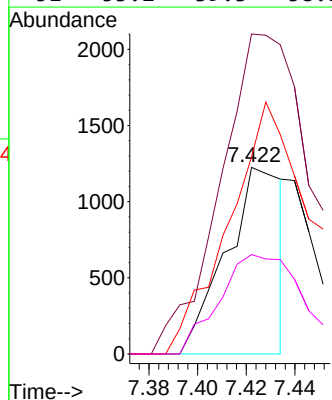
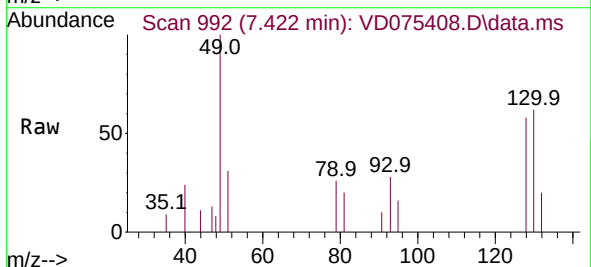
Instrument :
MSVOA_D
ClientSampleId :
VSTD005102

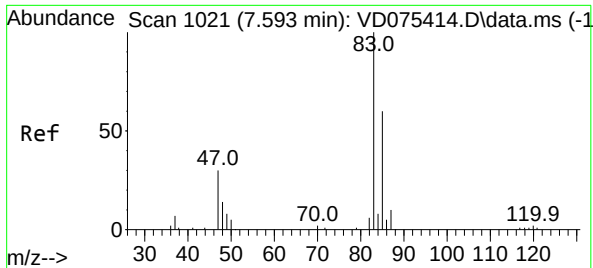
Tgt Ion: 43 Resp: 3398
Ion Ratio Lower Upper
43 100
72 23.4 12.8 38.3



#23
Bromochloromethane
Concen: 3.796 ug/L
RT: 7.422 min Scan# 992
Delta R.T. -0.006 min
Lab File: VD075408.D
Acq: 23 Feb 2023 11:25

Tgt Ion:128 Resp: 1953
Ion Ratio Lower Upper
128 100
49 171.5 108.4 201.2
130 105.6 77.9 144.7
51 53.2 39.3 58.9





#25

Chloroform

Concen: 6.103 ug/L

RT: 7.604 min Scan# 1102

Delta R.T. 0.012 min

Lab File: VD075408.D

Acq: 23 Feb 2023 11:25

Instrument :

MSVOA_D

ClientSampleId :

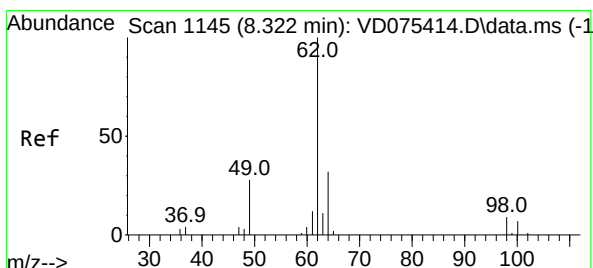
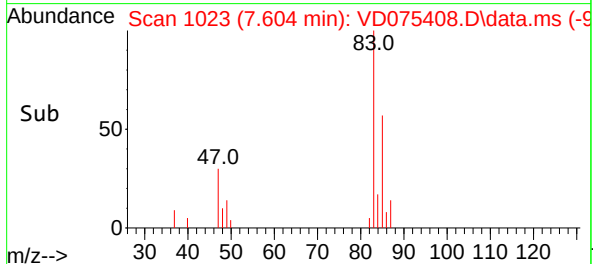
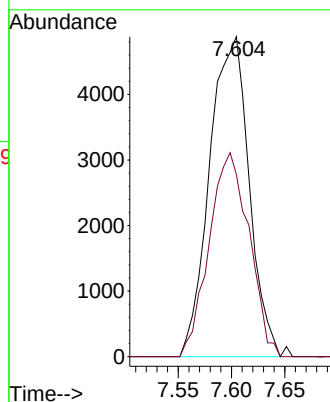
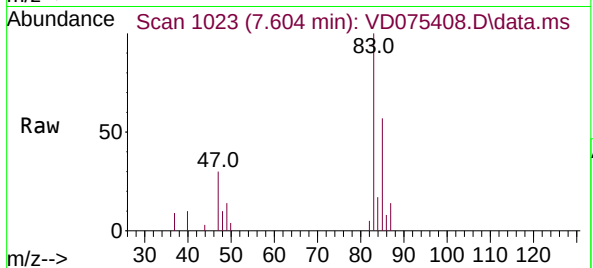
VSTD005102

Tgt Ion: 83 Resp: 12571

Ion Ratio Lower Upper

83 100

85 57.0 42.1 78.3



#27

1,2-Dichloroethane

Concen: 6.123 ug/L

RT: 8.322 min Scan# 1145

Delta R.T. 0.000 min

Lab File: VD075408.D

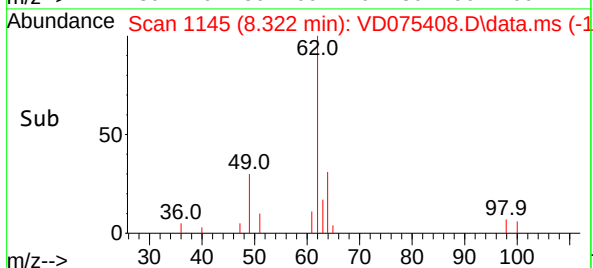
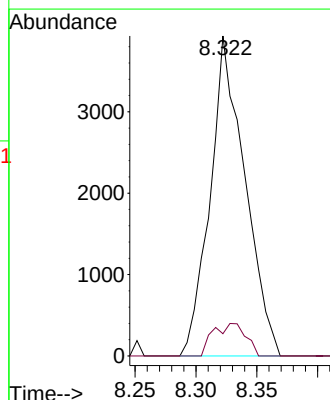
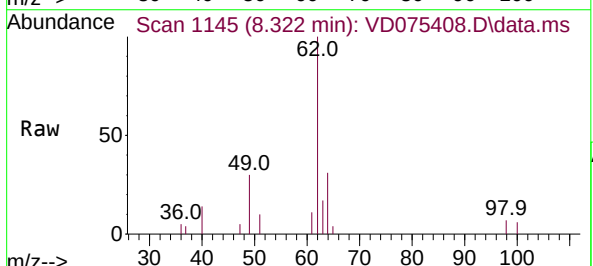
Acq: 23 Feb 2023 11:25

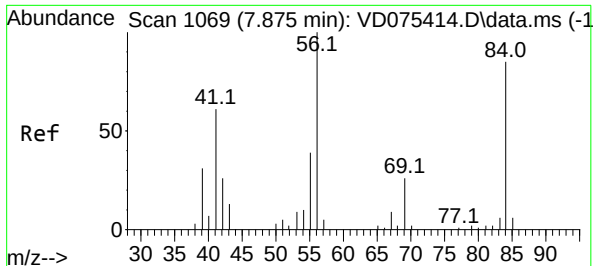
Tgt Ion: 62 Resp: 7811

Ion Ratio Lower Upper

62 100

98 6.9 6.8 10.2





#29

Cyclohexane

Concen: 4.647 ug/L

RT: 7.881 min Scan# 1070

Delta R.T. 0.006 min

Lab File: VD075408.D

Acq: 23 Feb 2023 11:25

Instrument :

MSVOA_D

ClientSampleId :

VSTD005102

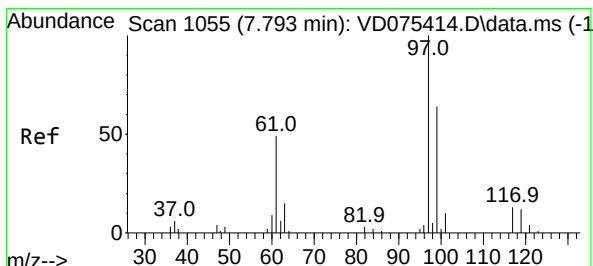
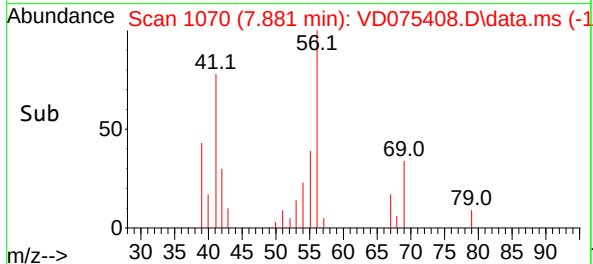
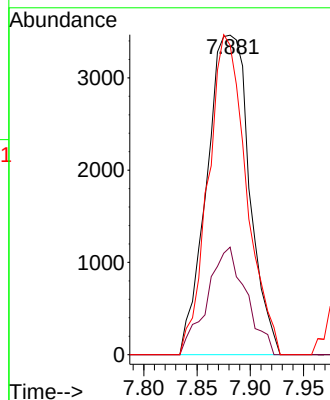
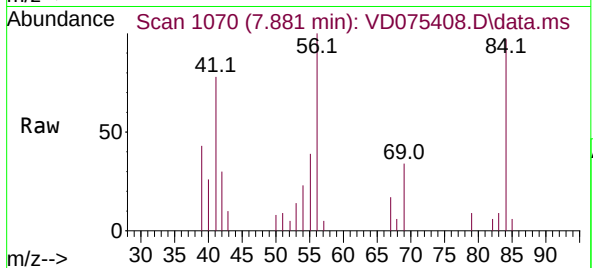
Tgt Ion: 56 Resp: 9629

Ion Ratio Lower Upper

56 100

69 29.9 23.2 34.8

84 89.9 70.1 105.1



#30

1,1,1-Trichloroethane

Concen: 6.095 ug/L

RT: 7.793 min Scan# 1055

Delta R.T. 0.000 min

Lab File: VD075408.D

Acq: 23 Feb 2023 11:25

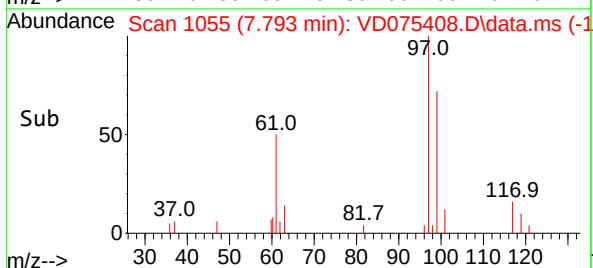
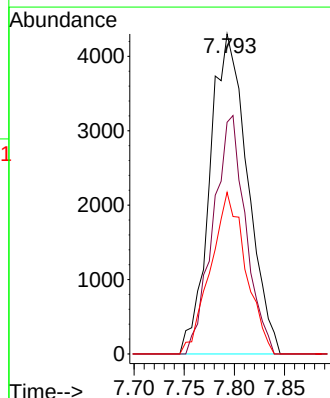
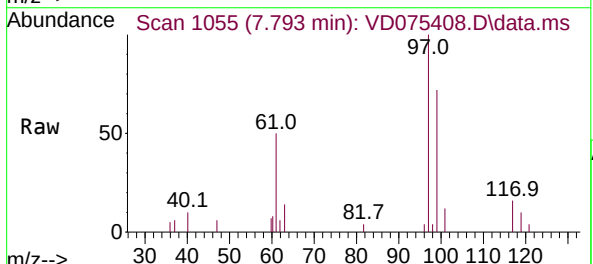
Tgt Ion: 97 Resp: 11259

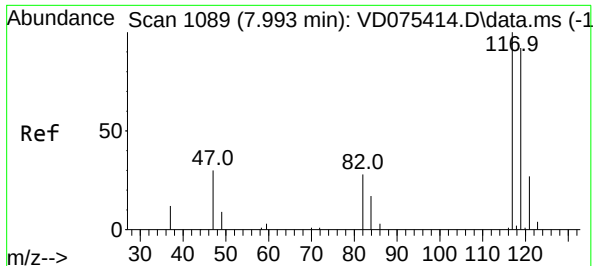
Ion Ratio Lower Upper

97 100

99 64.2 52.6 78.8

61 47.1 37.8 56.8

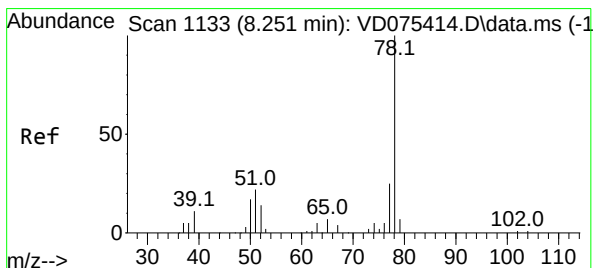
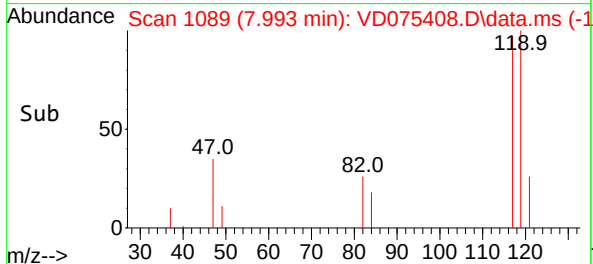
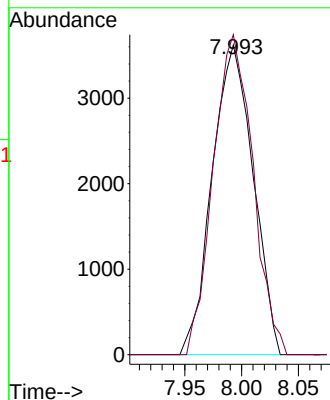
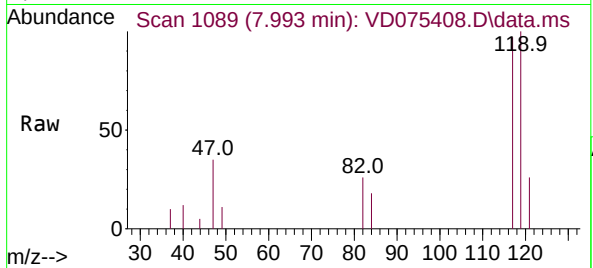




#31
Carbon tetrachloride
Concen: 5.450 ug/L
RT: 7.993 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD075408.D
Acq: 23 Feb 2023 11:25

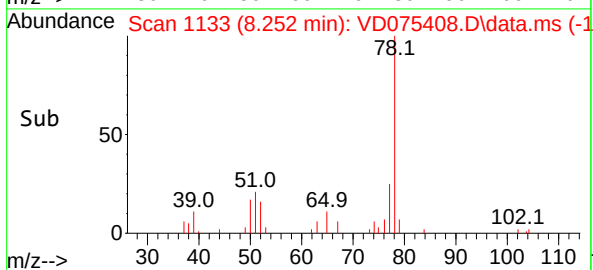
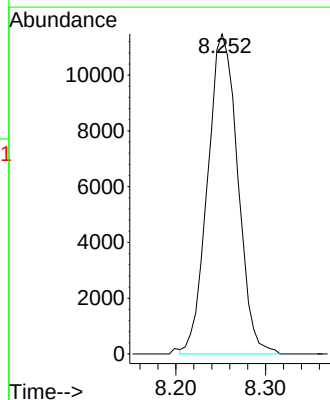
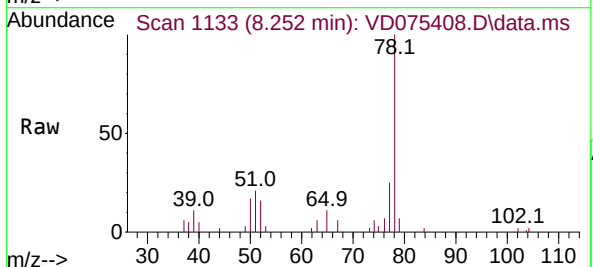
Instrument :
MSVOA_D
ClientSampleId :
VSTD005102

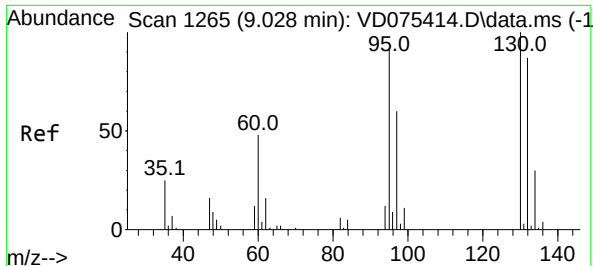
Tgt Ion:117 Resp: 9092
Ion Ratio Lower Upper
117 100
119 100.1 76.2 114.2



#33
Benzene
Concen: 5.515 ug/L
RT: 8.252 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VD075408.D
Acq: 23 Feb 2023 11:25

Tgt Ion: 78 Resp: 26769



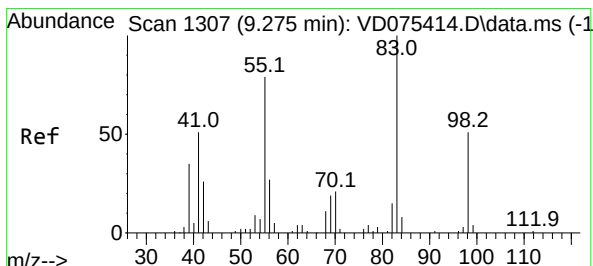
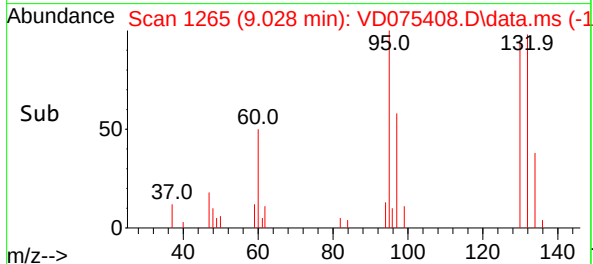
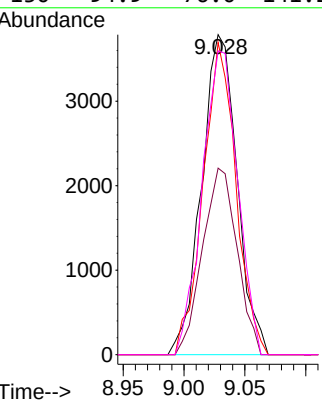
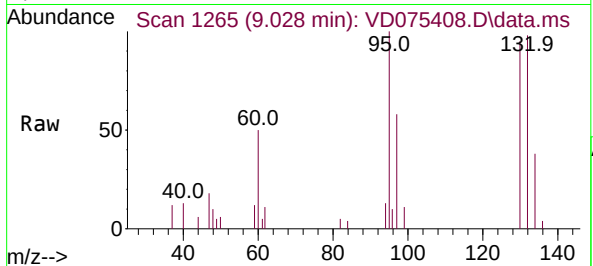


#34
Trichloroethene
Concen: 6.032 ug/L
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD075408.D
Acq: 23 Feb 2023 11:25

Instrument :
MSVOA_D
ClientSampleId :
VSTD005102

Tgt Ion: 95 Resp: 7660

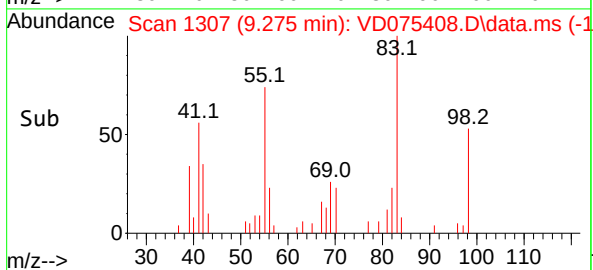
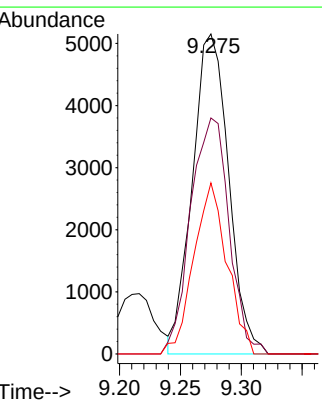
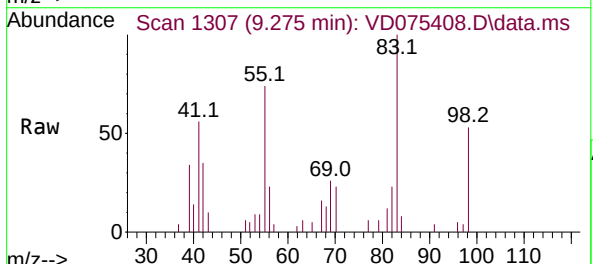
Ion	Ratio	Lower	Upper
95	100		
97	58.3	45.4	84.4
132	97.6	65.9	122.3
130	94.9	76.0	141.2

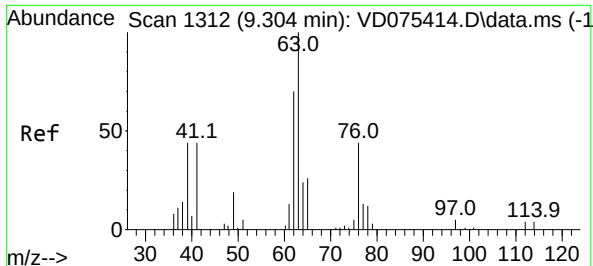


#35
Methylcyclohexane
Concen: 4.721 ug/L
RT: 9.275 min Scan# 1307
Delta R.T. 0.000 min
Lab File: VD075408.D
Acq: 23 Feb 2023 11:25

Tgt Ion: 83 Resp: 10665

Ion	Ratio	Lower	Upper
83	100		
55	77.8	60.6	90.8
98	49.2	39.6	59.4





#37

1,2-Dichloropropane

Concen: 5.771 ug/L

RT: 9.304 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD075408.D

Acq: 23 Feb 2023 11:25

Instrument :

MSVOA_D

ClientSampleId :

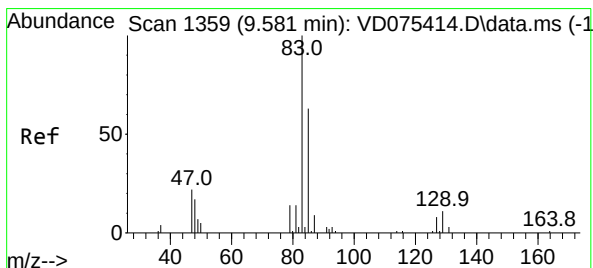
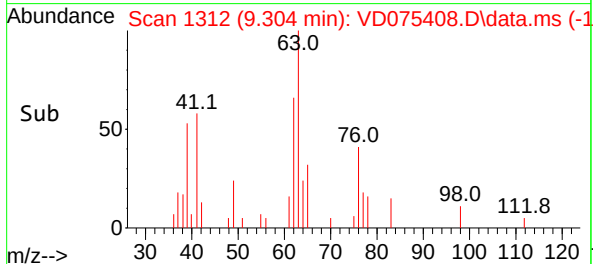
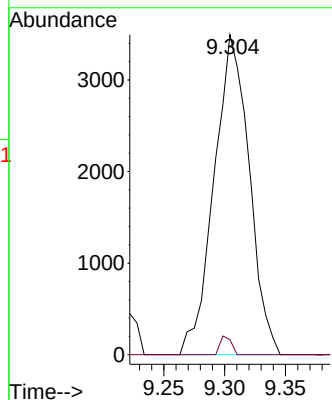
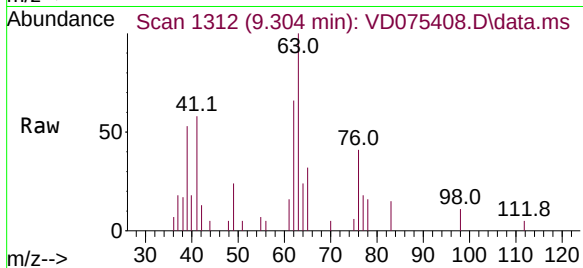
VSTD005102

Tgt Ion: 63 Resp: 7020

Ion Ratio Lower Upper

63 100

112 1.9 3.5 5.3#



#38

Bromodichloromethane

Concen: 5.758 ug/L

RT: 9.587 min Scan# 1360

Delta R.T. 0.006 min

Lab File: VD075408.D

Acq: 23 Feb 2023 11:25

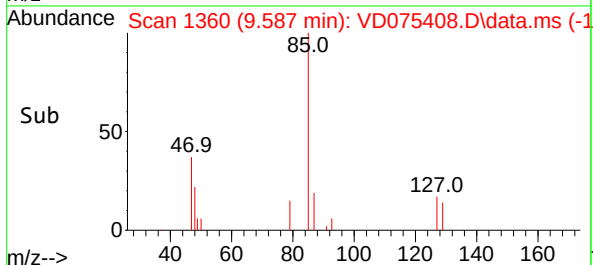
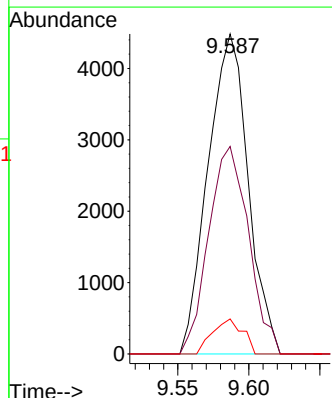
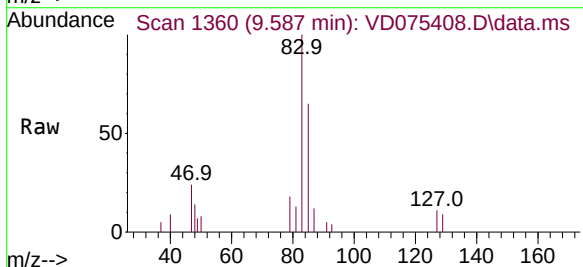
Tgt Ion: 83 Resp: 8804

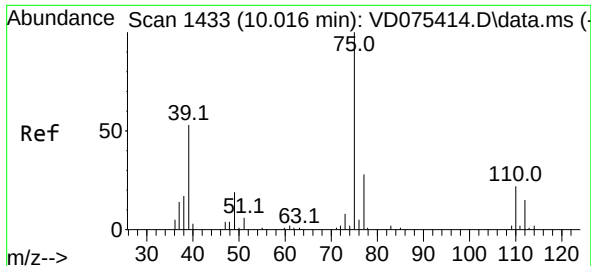
Ion Ratio Lower Upper

83 100

85 64.9 43.9 81.5

127 11.0 6.3 9.5#





#39

cis-1,3-Dichloropropene

Concen: 4.658 ug/L

RT: 10.016 min Scan# 1433

Delta R.T. 0.000 min

Lab File: VD075408.D

Acq: 23 Feb 2023 11:25

Instrument :

MSVOA_D

ClientSampleId :

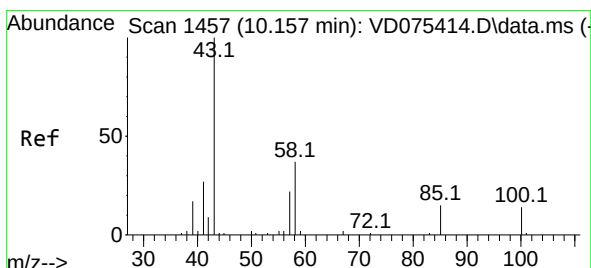
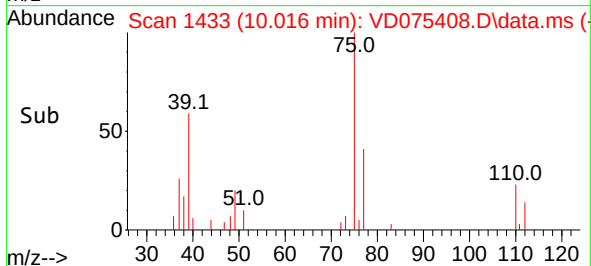
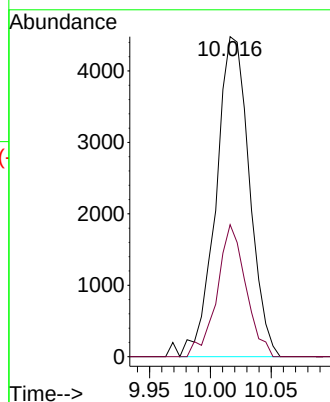
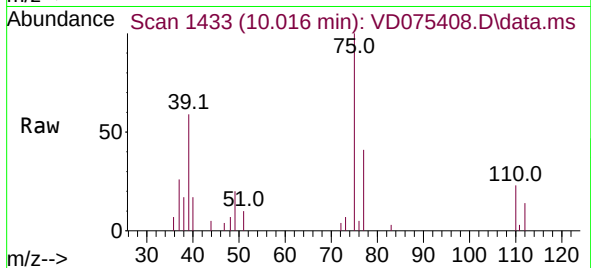
VSTD005102

Tgt Ion: 75 Resp: 8541

Ion Ratio Lower Upper

75 100

77 41.3 19.3 35.9#



#40

4-Methyl-2-pentanone

Concen: 9.786 ug/L

RT: 10.157 min Scan# 1457

Delta R.T. 0.000 min

Lab File: VD075408.D

Acq: 23 Feb 2023 11:25

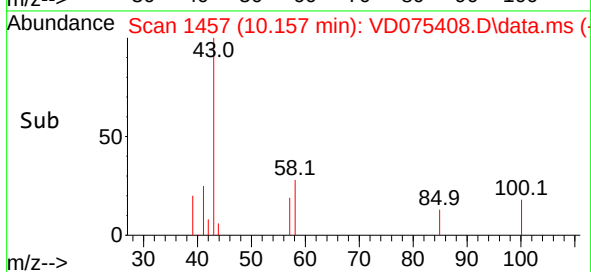
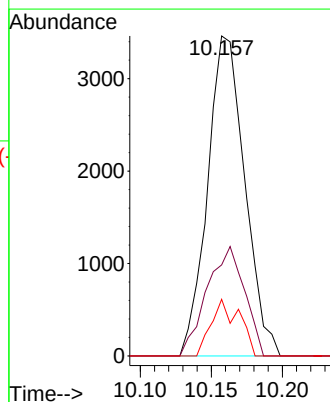
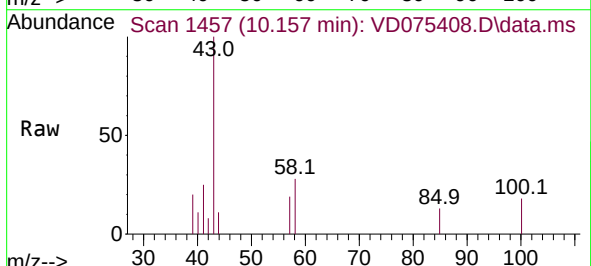
Tgt Ion: 43 Resp: 6305

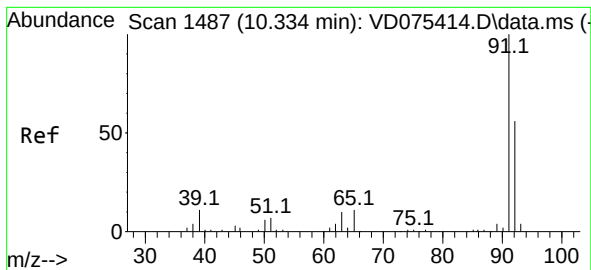
Ion Ratio Lower Upper

43 100

58 34.5 29.5 44.3

100 8.8 11.4 17.2#





#42

Toluene

Concen: 5.380 ug/L

RT: 10.334 min Scan# 1487

Delta R.T. 0.000 min

Lab File: VD075408.D

Acq: 23 Feb 2023 11:25

Instrument :

MSVOA_D

ClientSampleId :

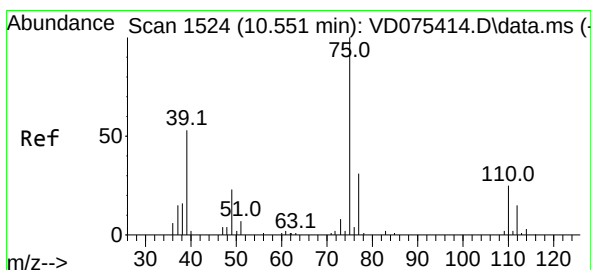
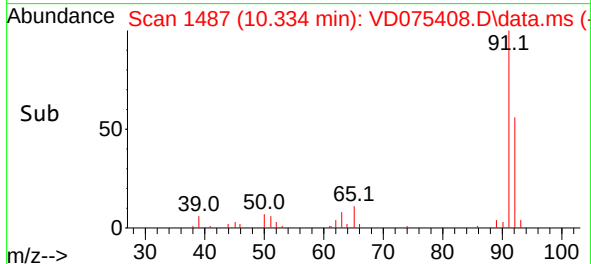
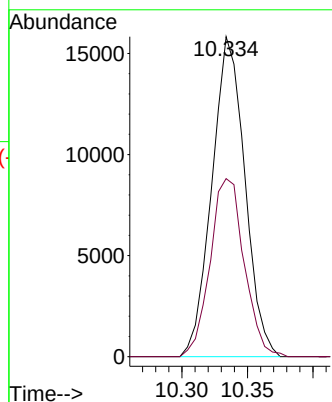
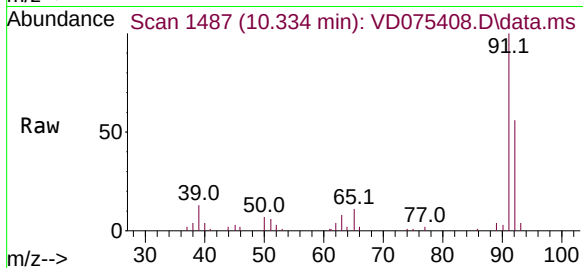
VSTD005102

Tgt Ion: 91 Resp: 27664

Ion Ratio Lower Upper

91 100

92 55.7 39.3 73.1



#44

trans-1,3-Dichloropropene

Concen: 4.714 ug/L

RT: 10.551 min Scan# 1524

Delta R.T. 0.000 min

Lab File: VD075408.D

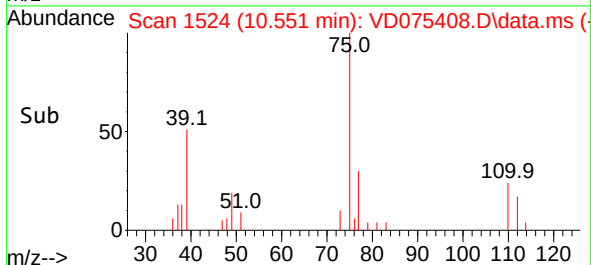
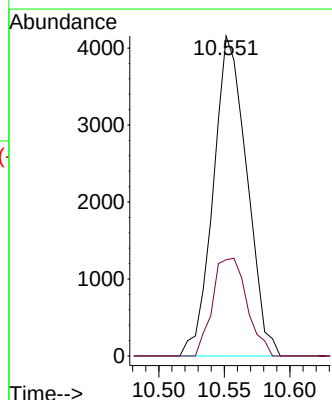
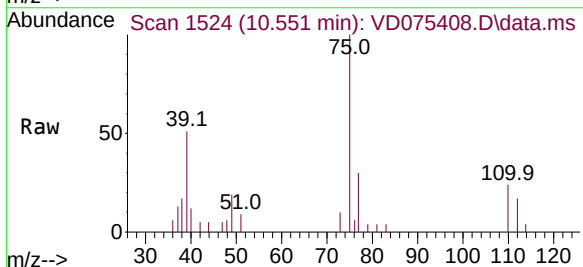
Acq: 23 Feb 2023 11:25

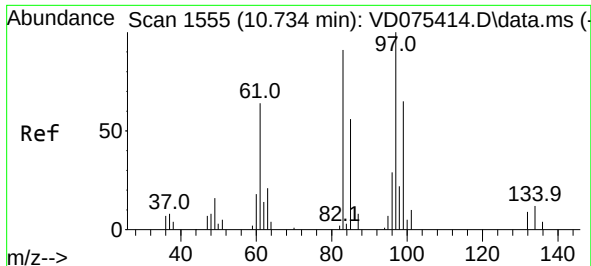
Tgt Ion: 75 Resp: 7394

Ion Ratio Lower Upper

75 100

77 30.1 21.4 39.8

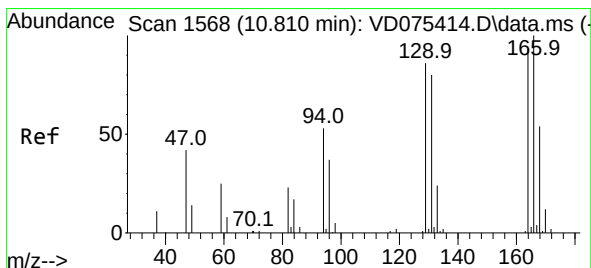
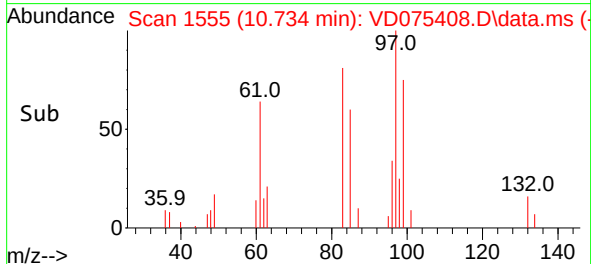
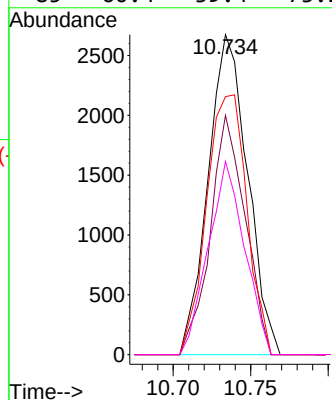
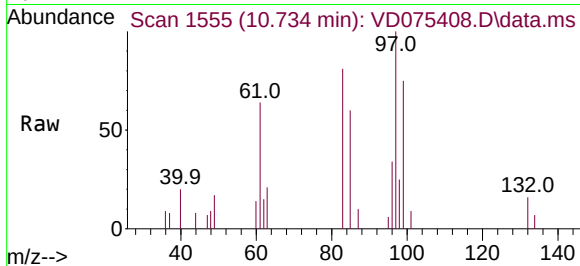




#45
1,1,2-Trichloroethane
Concen: 5.595 ug/L
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD075408.D
Acq: 23 Feb 2023 11:25

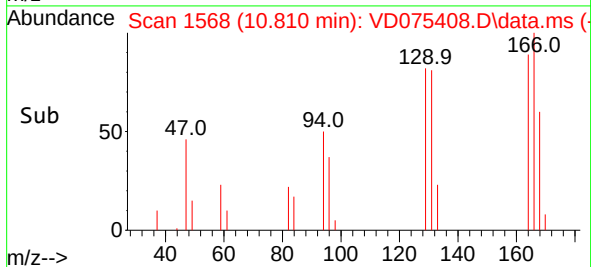
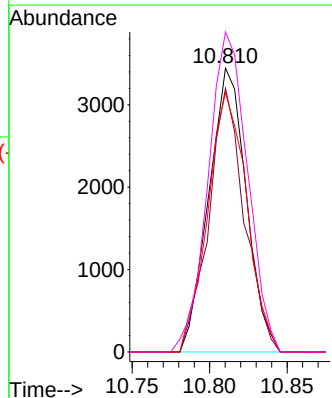
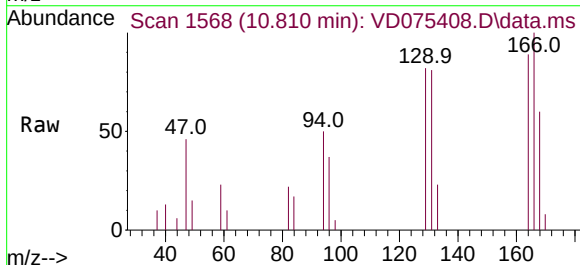
Instrument :
MSVOA_D
ClientSampleId :
VSTD005102

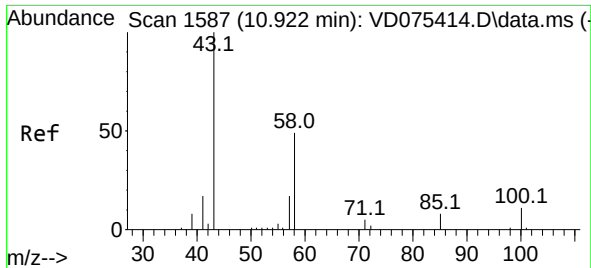
Tgt Ion: 97	Resp:	4729	
Ion	Ratio	Lower	Upper
97	100		
99	74.8	45.4	84.2
83	80.6	63.8	118.6
85	60.4	39.4	73.2



#46
Tetrachloroethene
Concen: 6.032 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD075408.D
Acq: 23 Feb 2023 11:25

Tgt	Ion:164	Resp:	5788
Ion	Ratio	Lower	Upper
164	100		
129	92.9	64.8	120.4
131	91.4	60.1	111.5
166	112.7	75.7	140.5

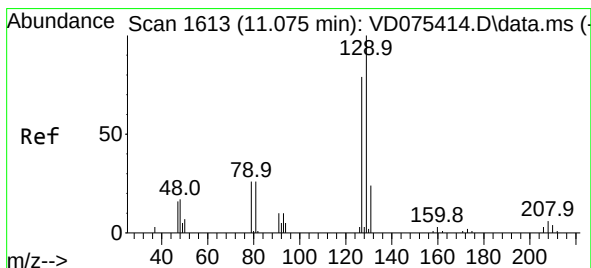
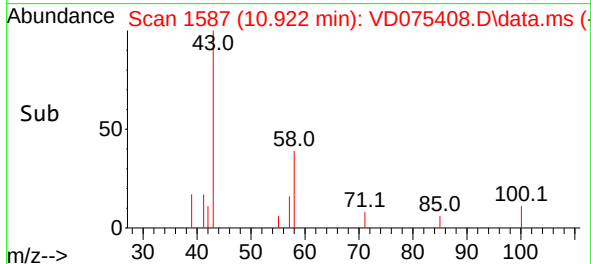
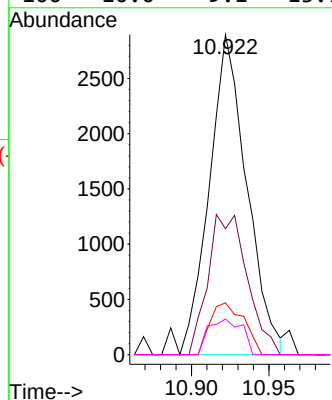
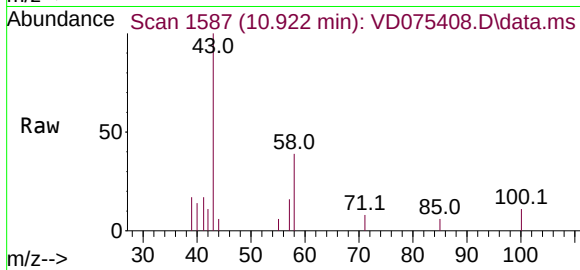




#48
2-Hexanone
Concen: 9.898 ug/L
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD075408.D
Acq: 23 Feb 2023 11:25

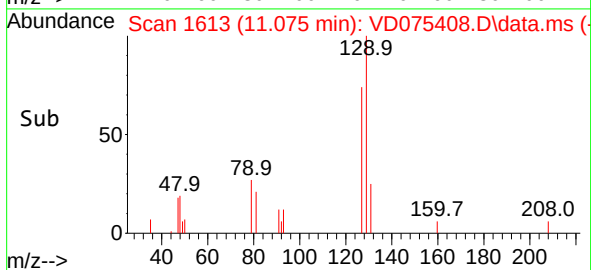
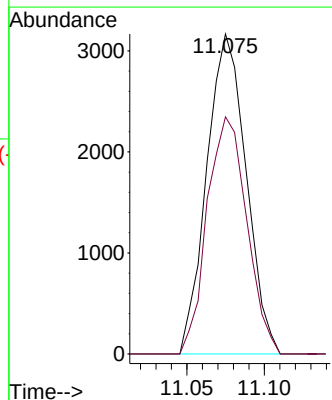
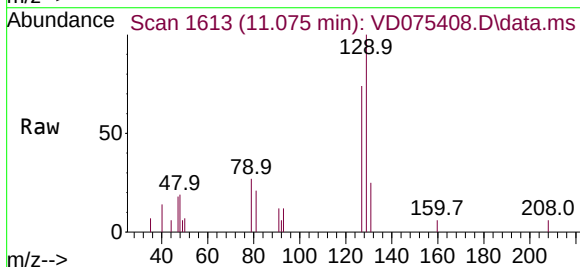
Instrument :
MSVOA_D
ClientSampleId :
VSTD005102

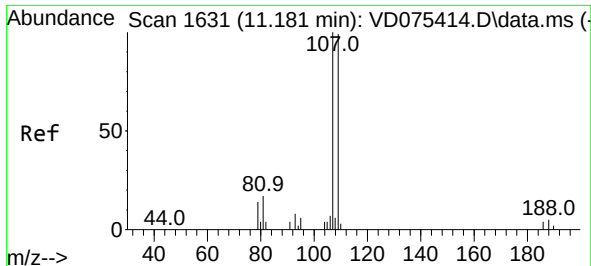
Tgt Ion:	43	Resp:	4858
Ion	Ratio	Lower	Upper
43	100		
58	45.9	40.3	60.5
57	14.6	13.4	20.0
100	10.0	9.1	13.7



#49
Dibromochloromethane
Concen: 5.666 ug/L
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD075408.D
Acq: 23 Feb 2023 11:25

Tgt Ion:	129	Resp:	5599
Ion	Ratio	Lower	Upper
129	100		
127	74.1	55.3	102.7

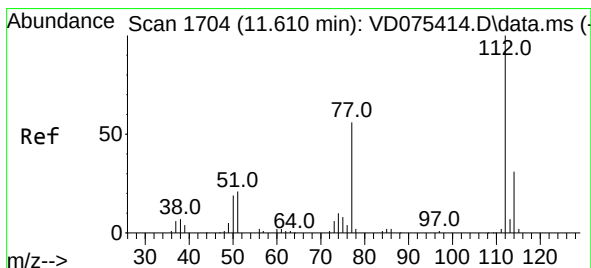
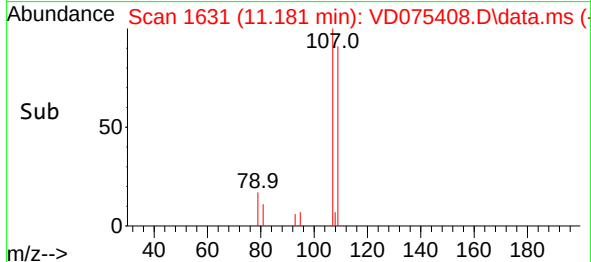
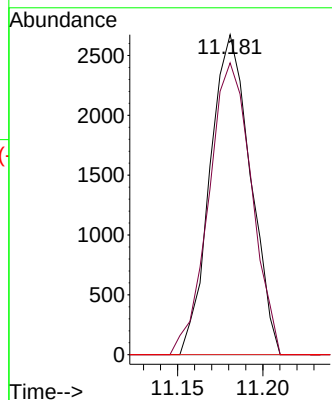
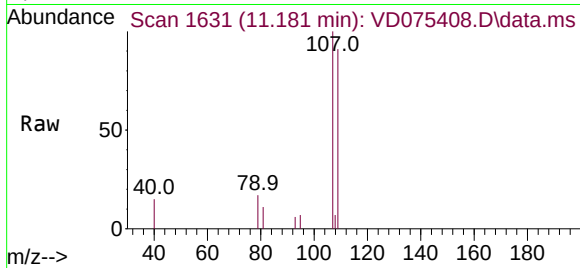




#50
1,2-Dibromoethane
Concen: 5.585 ug/L
RT: 11.181 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VD075408.D
Acq: 23 Feb 2023 11:25

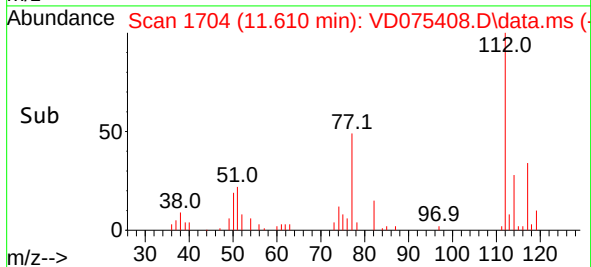
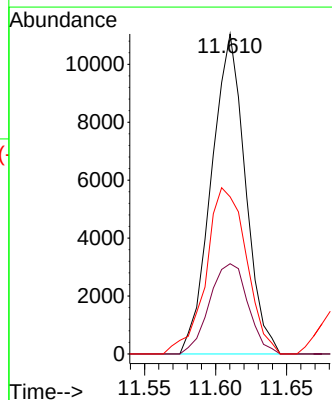
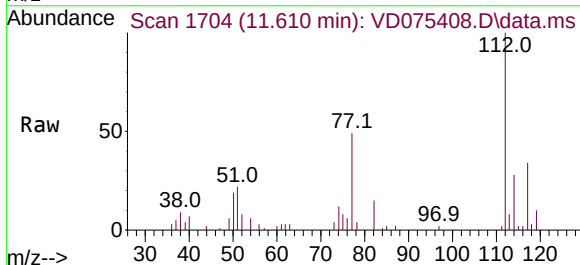
Instrument :
MSVOA_D
ClientSampleId :
VSTD005102

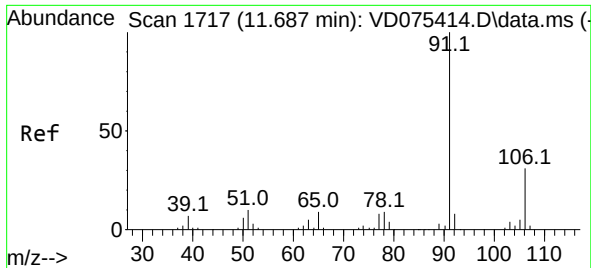
Tgt Ion:107 Resp: 4421
Ion Ratio Lower Upper
107 100
109 91.2 69.6 129.2
188 0.0 3.8 5.6#



#51
Chlorobenzene
Concen: 5.692 ug/L
RT: 11.610 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VD075408.D
Acq: 23 Feb 2023 11:25

Tgt Ion:112 Resp: 18345
Ion Ratio Lower Upper
112 100
114 28.2 21.4 39.8
77 49.1 45.1 67.7

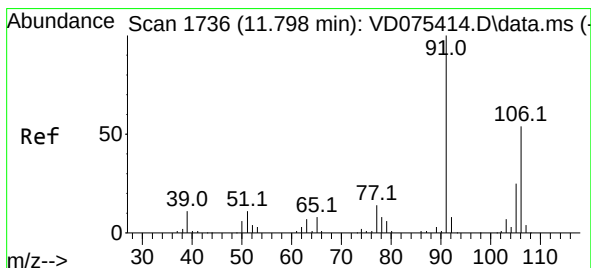
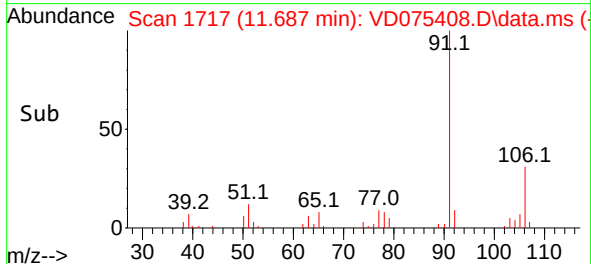
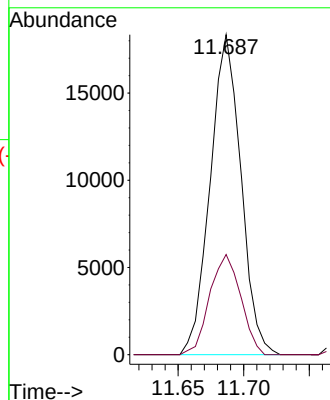
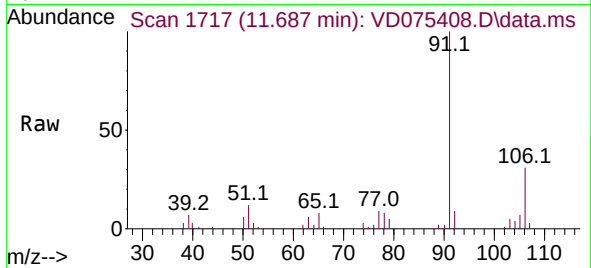




#52
Ethylbenzene
Concen: 5.219 ug/L
RT: 11.687 min Scan# 1717
Delta R.T. 0.000 min
Lab File: VD075408.D
Acq: 23 Feb 2023 11:25

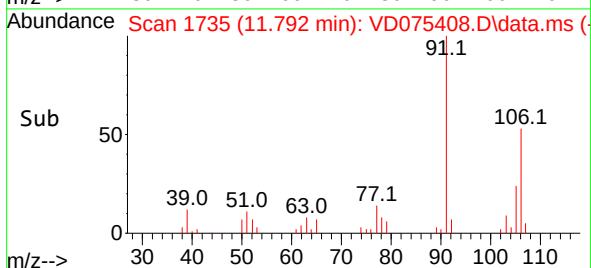
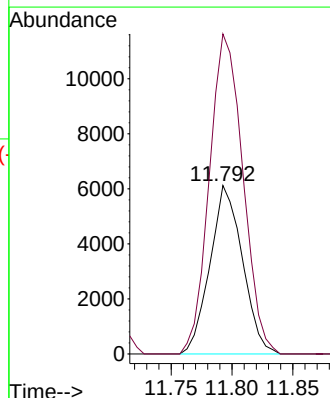
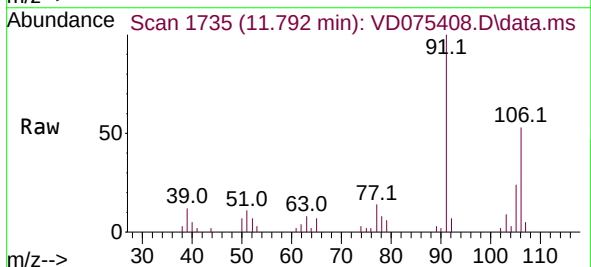
Instrument :
MSVOA_D
ClientSampleId :
VSTD005102

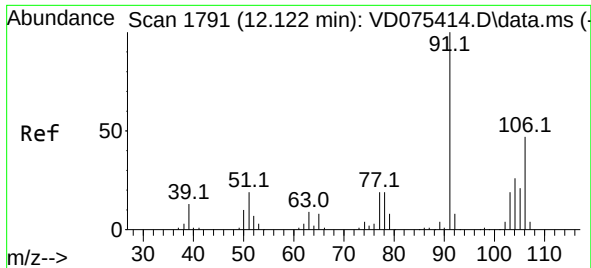
Tgt Ion: 91 Resp: 29881
Ion Ratio Lower Upper
91 100
106 31.3 21.8 40.6



#53
m,p-Xylene
Concen: 5.158 ug/L
RT: 11.792 min Scan# 1735
Delta R.T. -0.006 min
Lab File: VD075408.D
Acq: 23 Feb 2023 11:25

Tgt Ion: 106 Resp: 11377
Ion Ratio Lower Upper
106 100
91 190.0 131.2 243.6

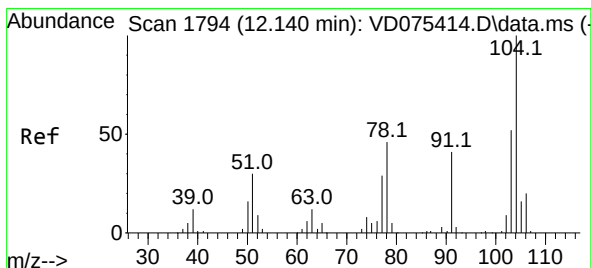
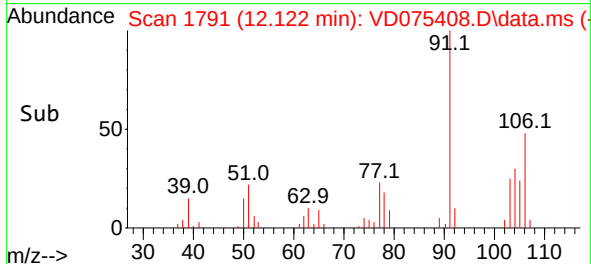
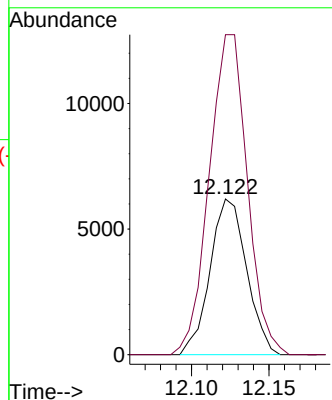
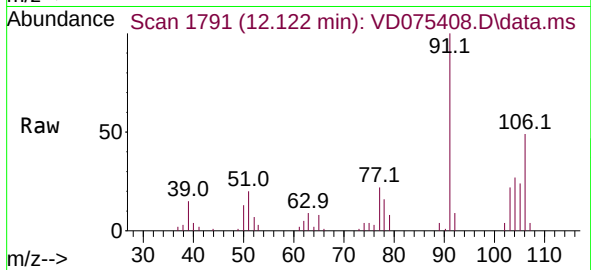




#54
o-Xylene
Concen: 4.996 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD075408.D
Acq: 23 Feb 2023 11:25

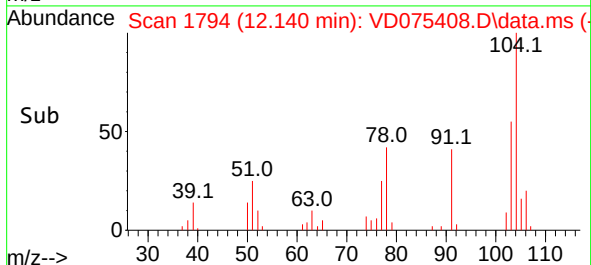
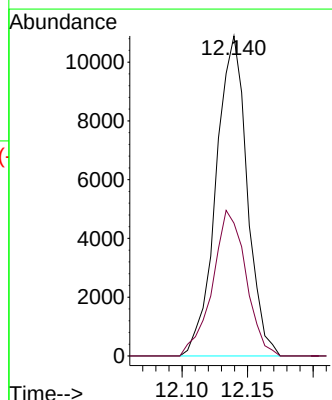
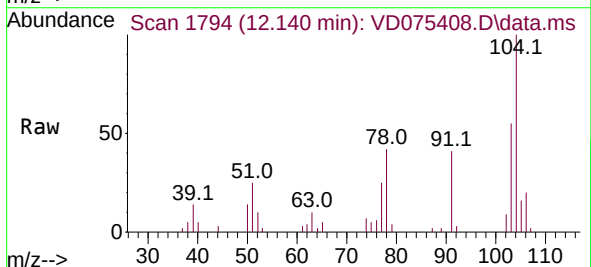
Instrument :
MSVOA_D
ClientSampleId :
VSTD005102

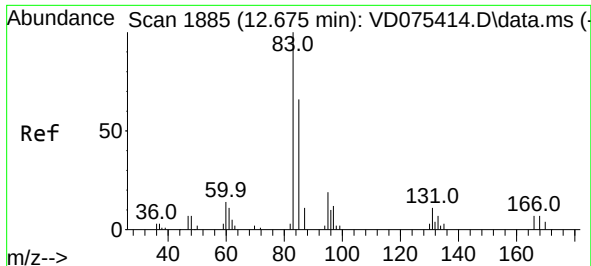
Tgt Ion:106 Resp: 10179
Ion Ratio Lower Upper
106 100
91 205.6 147.7 274.3



#55
Styrene
Concen: 5.171 ug/L
RT: 12.140 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VD075408.D
Acq: 23 Feb 2023 11:25

Tgt Ion:104 Resp: 17936
Ion Ratio Lower Upper
104 100
78 41.5 32.5 60.3





#57

1,1,2,2-Tetrachloroethane

Concen: 5.775 ug/L

RT: 12.675 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VD075408.D

Acq: 23 Feb 2023 11:25

Instrument :

MSVOA_D

ClientSampleId :

VSTD005102

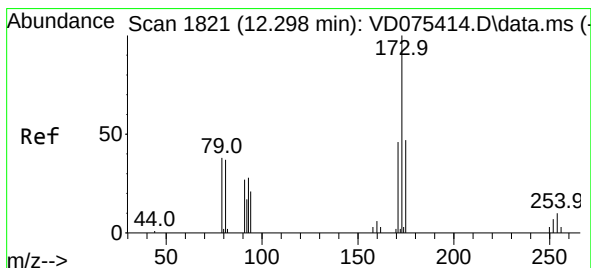
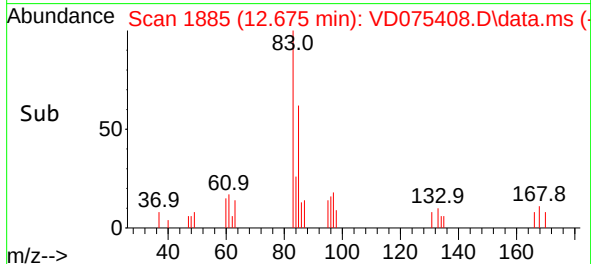
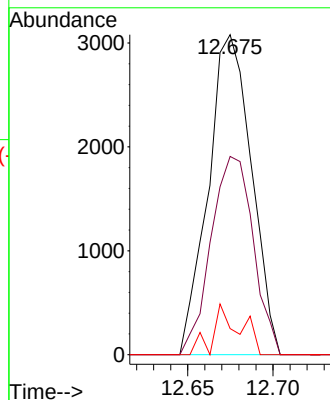
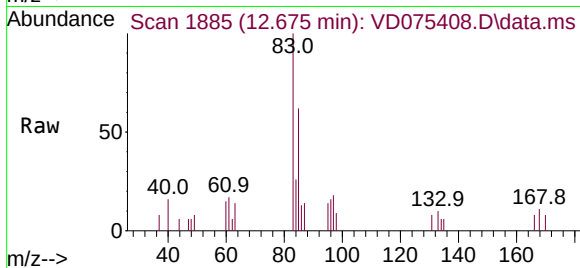
Tgt Ion: 83 Resp: 5432

Ion Ratio Lower Upper

83 100

85 61.9 45.9 85.3

131 8.2 9.0 13.6#



#59

Bromoform

Concen: 6.103 ug/L

RT: 12.298 min Scan# 1821

Delta R.T. 0.000 min

Lab File: VD075408.D

Acq: 23 Feb 2023 11:25

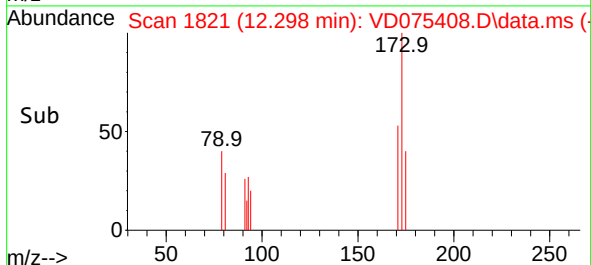
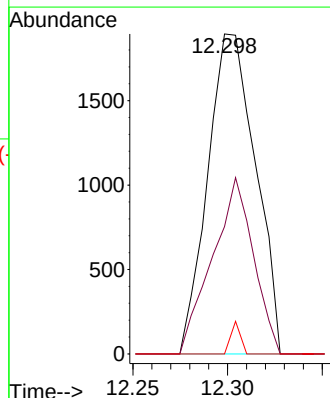
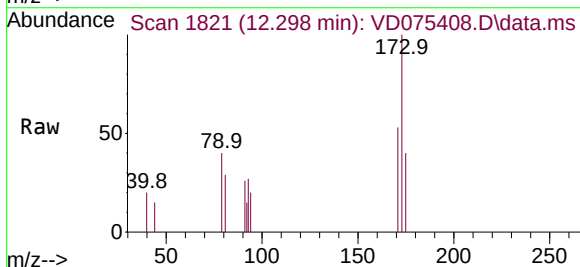
Tgt Ion: 173 Resp: 3326

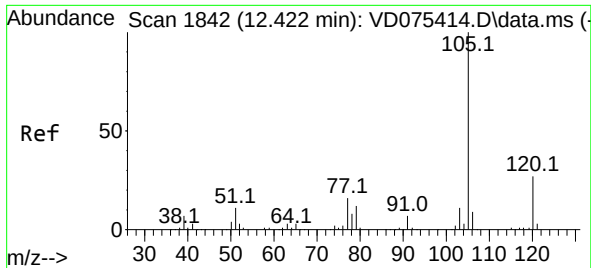
Ion Ratio Lower Upper

173 100

175 47.2 37.7 56.5

254 0.0 7.0 10.4#

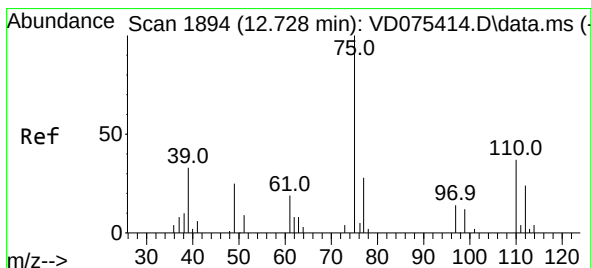
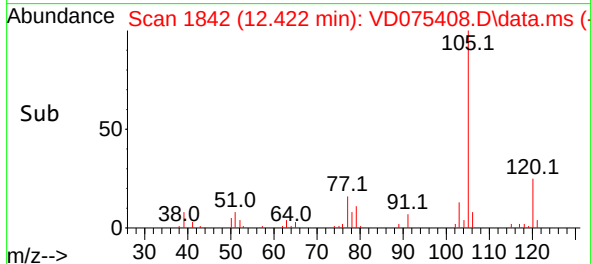
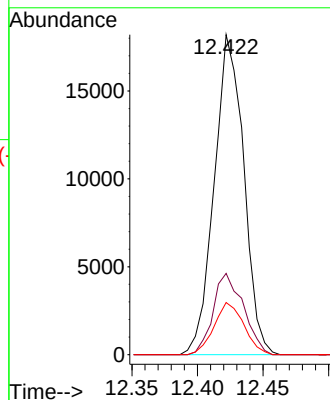
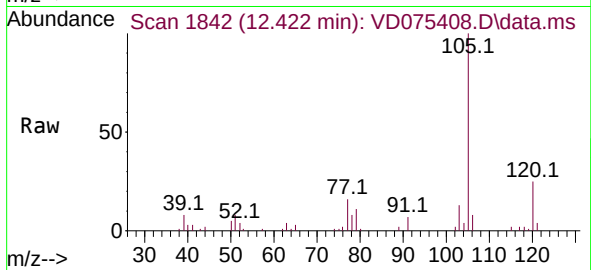




#60
Isopropylbenzene
Concen: 4.808 ug/L
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD075408.D
Acq: 23 Feb 2023 11:25

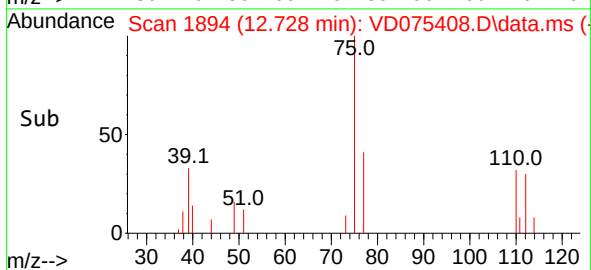
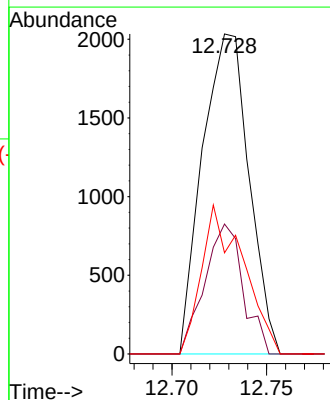
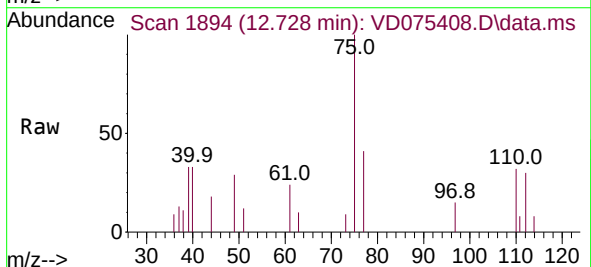
Instrument :
MSVOA_D
ClientSampleId :
VSTD005102

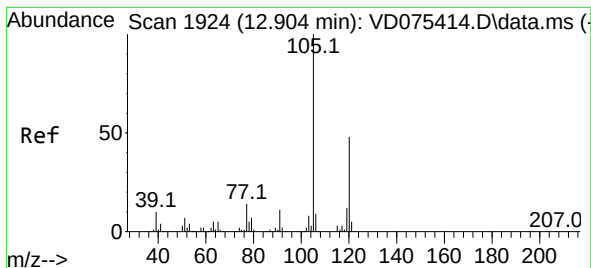
Tgt Ion:105 Resp: 28456
Ion Ratio Lower Upper
105 100
120 26.2 20.8 31.2
77 16.5 12.9 19.3



#61
1,2,3-Trichloropropane
Concen: 4.814 ug/L
RT: 12.728 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VD075408.D
Acq: 23 Feb 2023 11:25

Tgt Ion: 75 Resp: 3482
Ion Ratio Lower Upper
75 100
77 33.5 24.6 36.8
110 41.6 32.4 48.6





#62

1,3,5-Trimethylbenzene

Concen: 4.222 ug/L

RT: 12.910 min Scan# 1925

Delta R.T. 0.006 min

Lab File: VD075408.D

Acq: 23 Feb 2023 11:25

Instrument :

MSVOA_D

ClientSampleId :

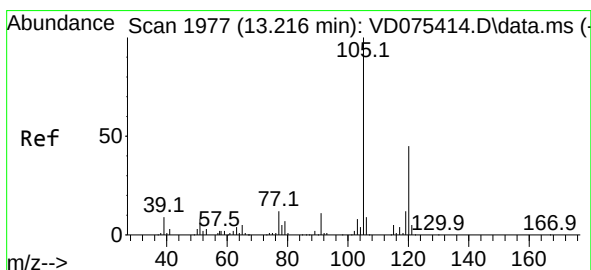
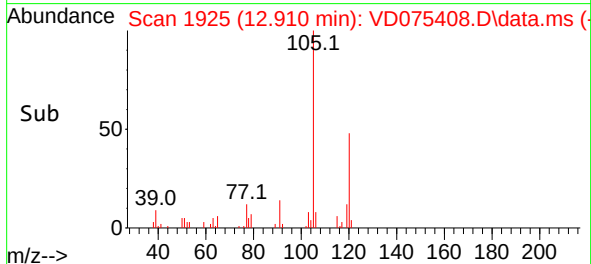
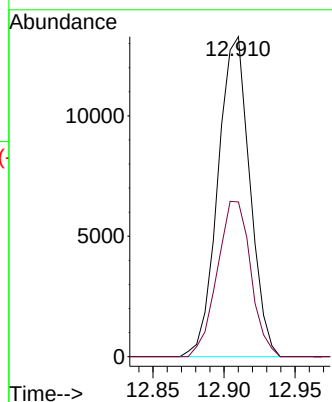
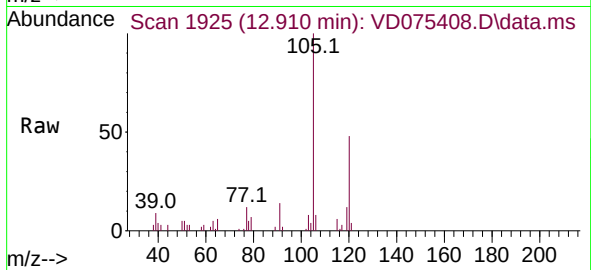
VSTD005102

Tgt Ion:105 Resp: 20755

Ion Ratio Lower Upper

105 100

120 51.1 38.6 57.8



#63

1,2,4-Trimethylbenzene

Concen: 4.229 ug/L

RT: 13.216 min Scan# 1977

Delta R.T. 0.000 min

Lab File: VD075408.D

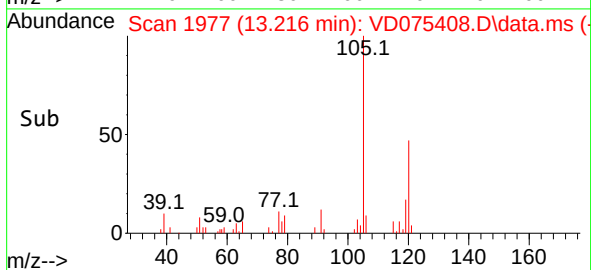
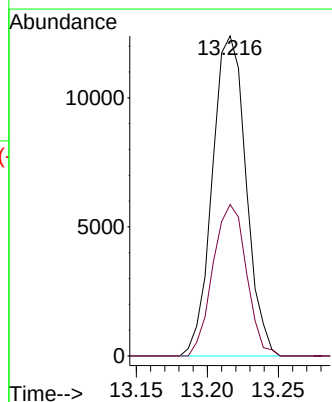
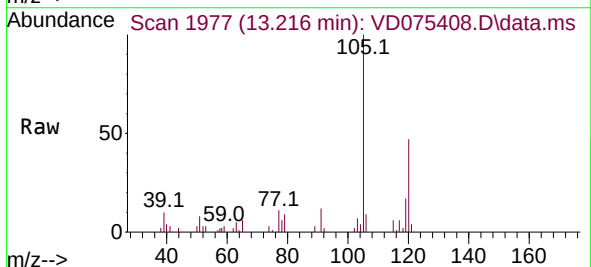
Acq: 23 Feb 2023 11:25

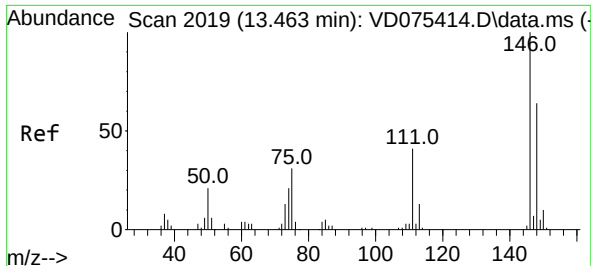
Tgt Ion:105 Resp: 20454

Ion Ratio Lower Upper

105 100

120 47.0 36.3 54.5

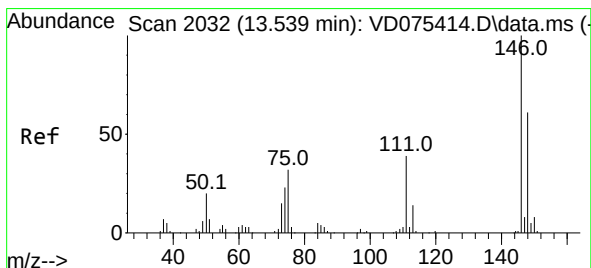
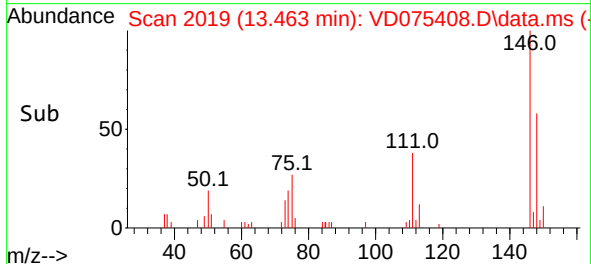
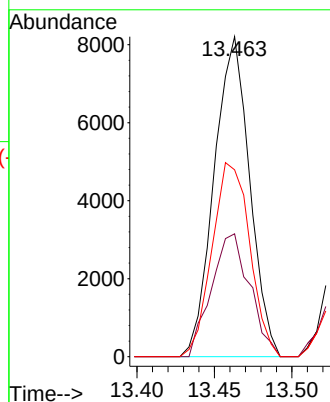
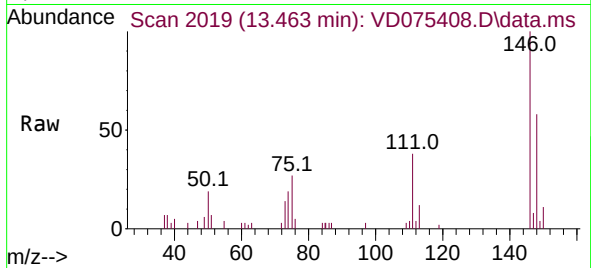




#64
1,3-Dichlorobenzene
Concen: 5.384 ug/L
RT: 13.463 min Scan# 2019
Delta R.T. 0.000 min
Lab File: VD075408.D
Acq: 23 Feb 2023 11:25

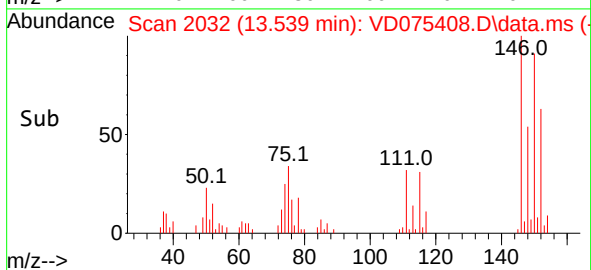
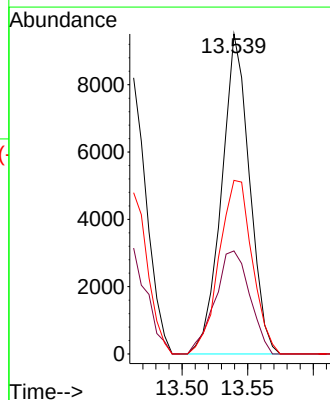
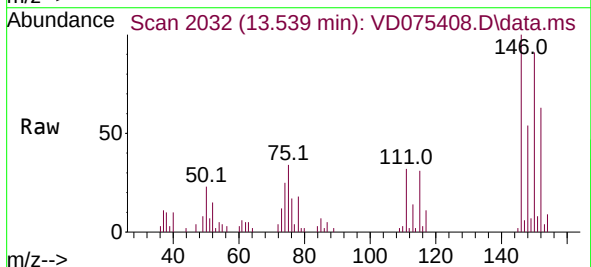
Instrument :
MSVOA_D
ClientSampleId :
VSTD005102

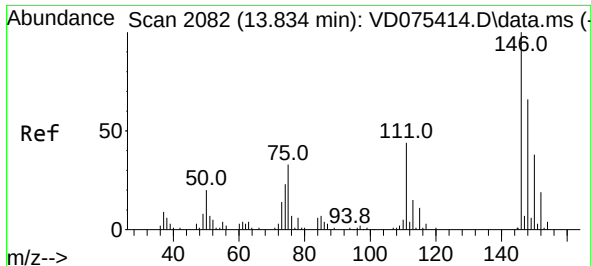
Tgt Ion:146 Resp: 13076
Ion Ratio Lower Upper
146 100
111 38.4 28.8 53.4
148 58.4 44.7 83.1



#65
1,4-Dichlorobenzene
Concen: 5.809 ug/L
RT: 13.539 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD075408.D
Acq: 23 Feb 2023 11:25

Tgt Ion:146 Resp: 14075
Ion Ratio Lower Upper
146 100
111 32.2 27.9 51.7
148 54.3 43.3 80.5





#67

1,2-Dichlorobenzene

Concen: 5.505 ug/L

RT: 13.834 min Scan# 2082

Delta R.T. 0.000 min

Lab File: VD075408.D

Acq: 23 Feb 2023 11:25

Instrument :

MSVOA_D

ClientSampleId :

VSTD005102

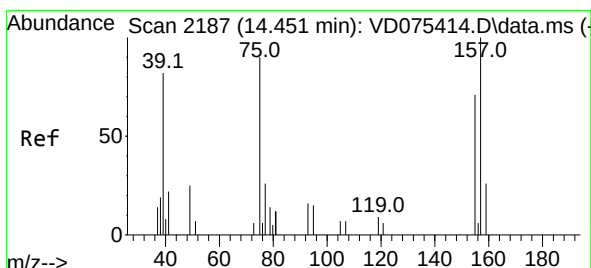
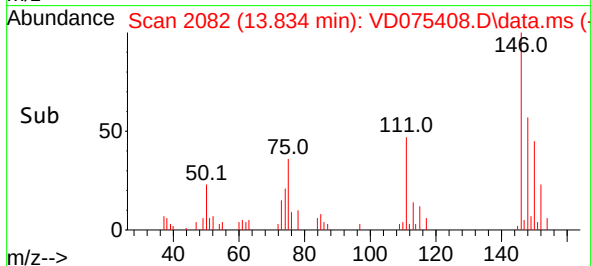
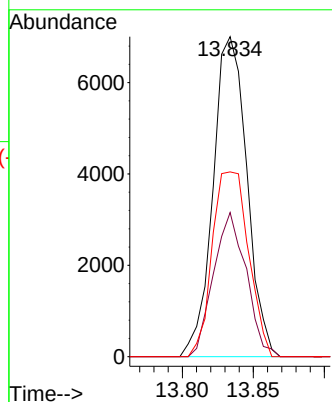
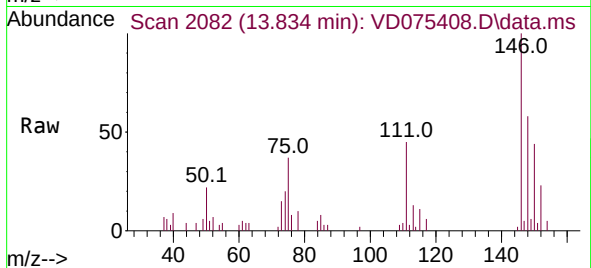
Tgt Ion:146 Resp: 11611

Ion Ratio Lower Upper

146 100

111 45.1 35.0 52.6

148 57.8 52.7 79.1



#68

1,2-Dibromo-3-chloropropane

Concen: 8.411 ug/L

RT: 14.592 min Scan# 2211

Delta R.T. 0.141 min

Lab File: VD075408.D

Acq: 23 Feb 2023 11:25

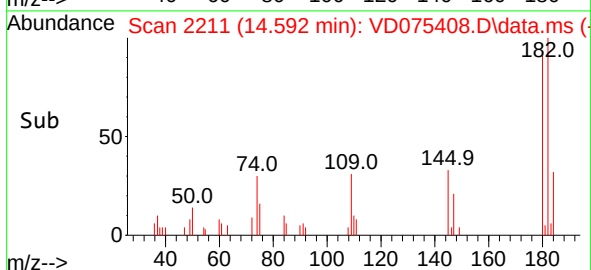
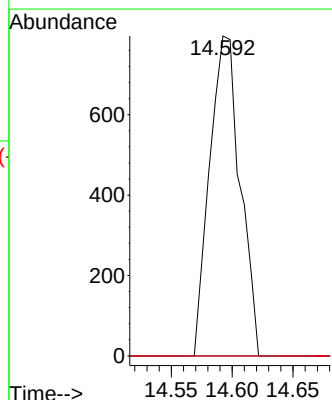
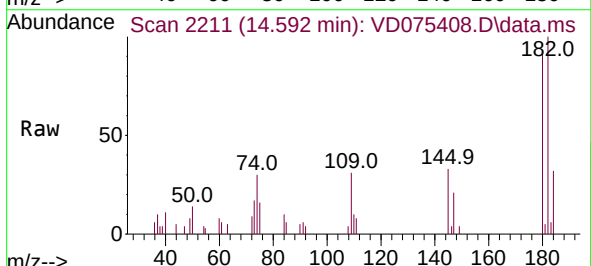
Tgt Ion: 75 Resp: 1386

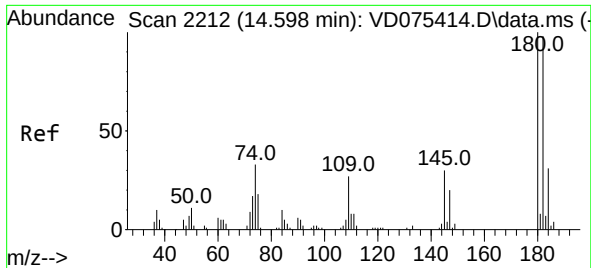
Ion Ratio Lower Upper

75 100

155 0.0 63.1 94.7#

157 0.0 89.2 133.8#

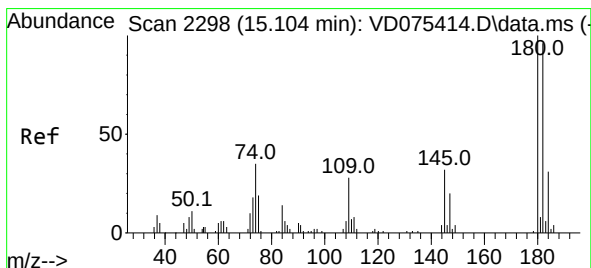
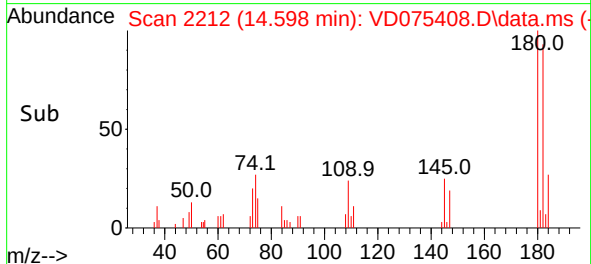
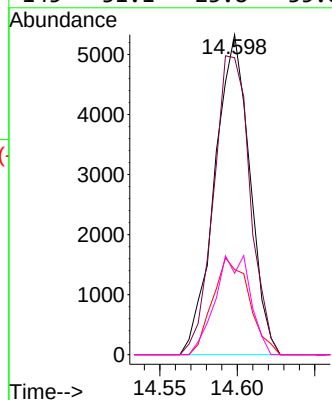
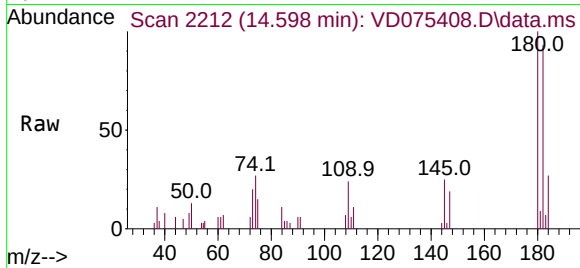




#69
 1,3,5-Trichlorobenzene
 Concen: 4.812 ug/L
 RT: 14.598 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD075408.D
 Acq: 23 Feb 2023 11:25

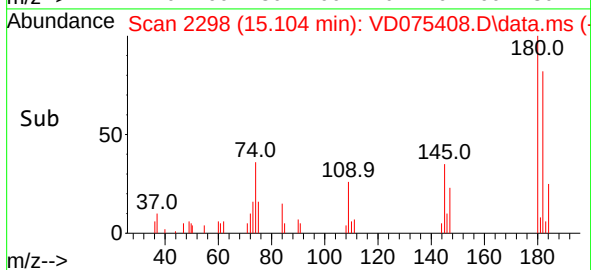
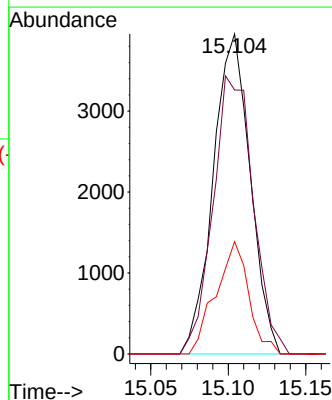
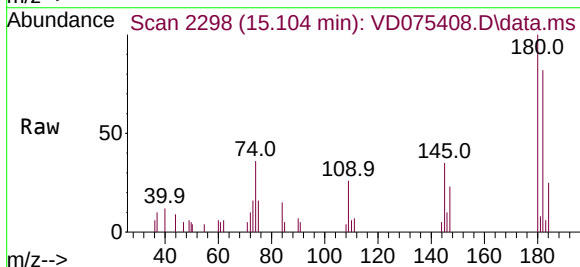
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD005102

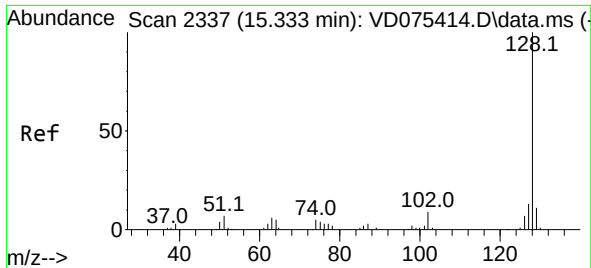
Tgt Ion:180	Resp:	8390	
Ion	Ratio	Lower	Upper
180	100		
182	96.7	75.0	112.6
184	31.5	23.8	35.6
145	31.1	23.8	35.8



#70
 1,2,4-trichlorobenzene
 Concen: 4.468 ug/L
 RT: 15.104 min Scan# 2298
 Delta R.T. 0.000 min
 Lab File: VD075408.D
 Acq: 23 Feb 2023 11:25

Tgt Ion:180	Resp:	6562	
Ion	Ratio	Lower	Upper
180	100		
182	94.3	77.1	115.7
145	31.3	23.8	35.6

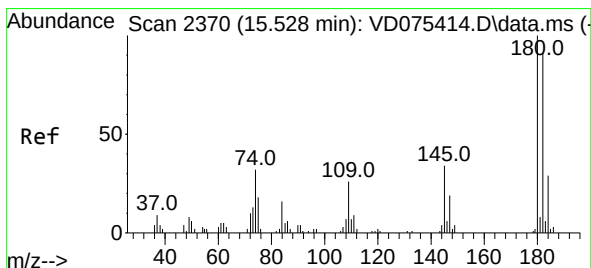
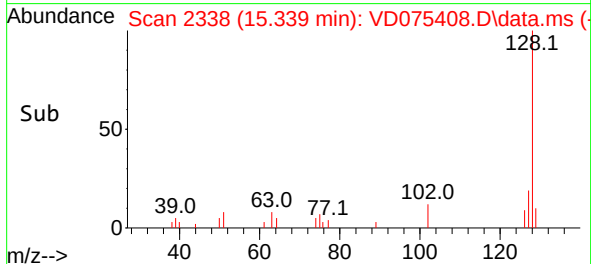
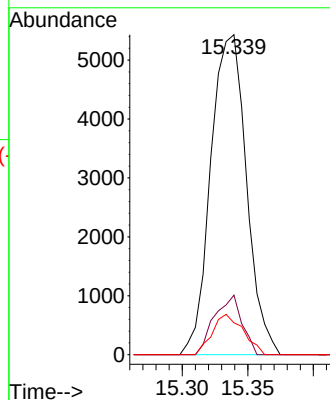
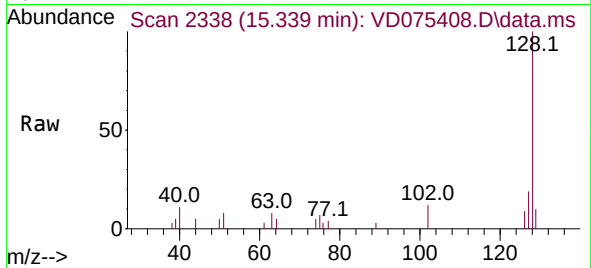




#71
Naphthalene
Concen: 3.675 ug/L
RT: 15.339 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD075408.D
Acq: 23 Feb 2023 11:25

Instrument :
MSVOA_D
ClientSampleId :
VSTD005102

Tgt Ion:128	Resp:	10292
Ion	Ratio	Lower Upper
128	100	
127	14.3	10.6 16.0
129	10.9	8.6 12.8



#72
1,2,3-Trichlorobenzene
Concen: 4.748 ug/L
RT: 15.528 min Scan# 2370
Delta R.T. 0.000 min
Lab File: VD075408.D
Acq: 23 Feb 2023 11:25

Tgt Ion:180	Resp:	5917
Ion	Ratio	Lower Upper
180	100	
182	89.5	75.4 113.2
145	29.9	26.6 39.8

