

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022323\
 Data File : VD075409.D
 Acq On : 23 Feb 2023 11:52
 Operator : KP/SY
 Sample : VSTD02503
 Misc : 5.00G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025103

Quant Time: Feb 23 23:18:37 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	86462	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	78502	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	39168	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	13333	11.939	ug/L	0.00
7) Chloroethane-d5	2.805	69	15650	20.173	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.934	63	32765	14.498	ug/L	0.01
21) 2-Butanone-d5	6.999	46	12188	47.600	ug/L	0.02
24) Chloroform-d	7.569	84	44362	20.014	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.228	65	21949	19.342	ug/L	0.00
32) Benzene-d6	8.204	84	64365	13.659	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.210	67	24269	17.578	ug/L	0.00
41) Toluene-d8	10.269	98	54208	12.546	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.528	79	8833	15.010	ug/L	0.00
47) 2-Hexanone-d5	10.875	63	8765	41.403	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.651	84	23975	24.699	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.822	152	27135	19.739	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	41239	56.240	ug/L	99
3) Chloromethane	2.146	50	48427	44.829	ug/L	97
5) Vinyl chloride	2.287	62	53441	40.341	ug/L	100
6) Bromomethane	2.693	94	26733	38.993	ug/L	89
8) Chloroethane	2.840	64	33405	49.417	ug/L	97
9) Trichlorofluoromethane	3.175	101	63303	56.829	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	3.969	101	37702	31.312	ug/L #	75
12) 1,1-Dichloroethene	3.940	96	31230	27.762	ug/L #	82
13) Acetone	4.022	43	14532	46.029	ug/L	89
14) Carbon disulfide	4.269	76	102246	27.880	ug/L	100
15) Methyl Acetate	4.563	43	13795	29.410	ug/L #	92
16) Methylene chloride	4.805	84	38075	26.858	ug/L	94
17) trans-1,2-Dichloroethene	5.310	96	35057	29.066	ug/L	99
18) Methyl tert-butyl Ether	5.316	73	67691	36.249	ug/L #	92
19) 1,1-Dichloroethane	6.116	63	65331	30.419	ug/L	99
20) cis-1,2-Dichloroethene	7.081	96	37017	29.290	ug/L	88
22) 2-Butanone	7.087	43	18897	53.591	ug/L	99
23) Bromochloromethane	7.428	128	16237	30.334	ug/L	85
25) Chloroform	7.599	83	66614	31.085	ug/L	98
27) 1,2-Dichloroethane	8.328	62	41983	31.632	ug/L	100
29) Cyclohexane	7.881	56	54114	25.547	ug/L	97
30) 1,1,1-Trichloroethane	7.793	97	60064	31.803	ug/L	100
31) Carbon tetrachloride	7.993	117	51418	30.146	ug/L	99
33) Benzene	8.251	78	141116	28.437	ug/L	100
34) Trichloroethene	9.028	95	37529	28.909	ug/L	94
35) Methylcyclohexane	9.275	83	61141	26.476	ug/L	98
37) 1,2-Dichloropropane	9.304	63	37276	29.977	ug/L	100
38) Bromodichloromethane	9.587	83	47937	30.666	ug/L	98
39) cis-1,3-Dichloropropene	10.022	75	52105	27.795	ug/L	91
40) 4-Methyl-2-pentanone	10.157	43	38461	58.394	ug/L	100
42) Toluene	10.334	91	156149	29.701	ug/L	98
44) trans-1,3-Dichloropropene	10.557	75	44122	27.513	ug/L	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022323\
 Data File : VD075409.D
 Acq On : 23 Feb 2023 11:52
 Operator : KP/SY
 Sample : VSTD02503
 Misc : 5.00G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025103

Quant Time: Feb 23 23:18:37 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)

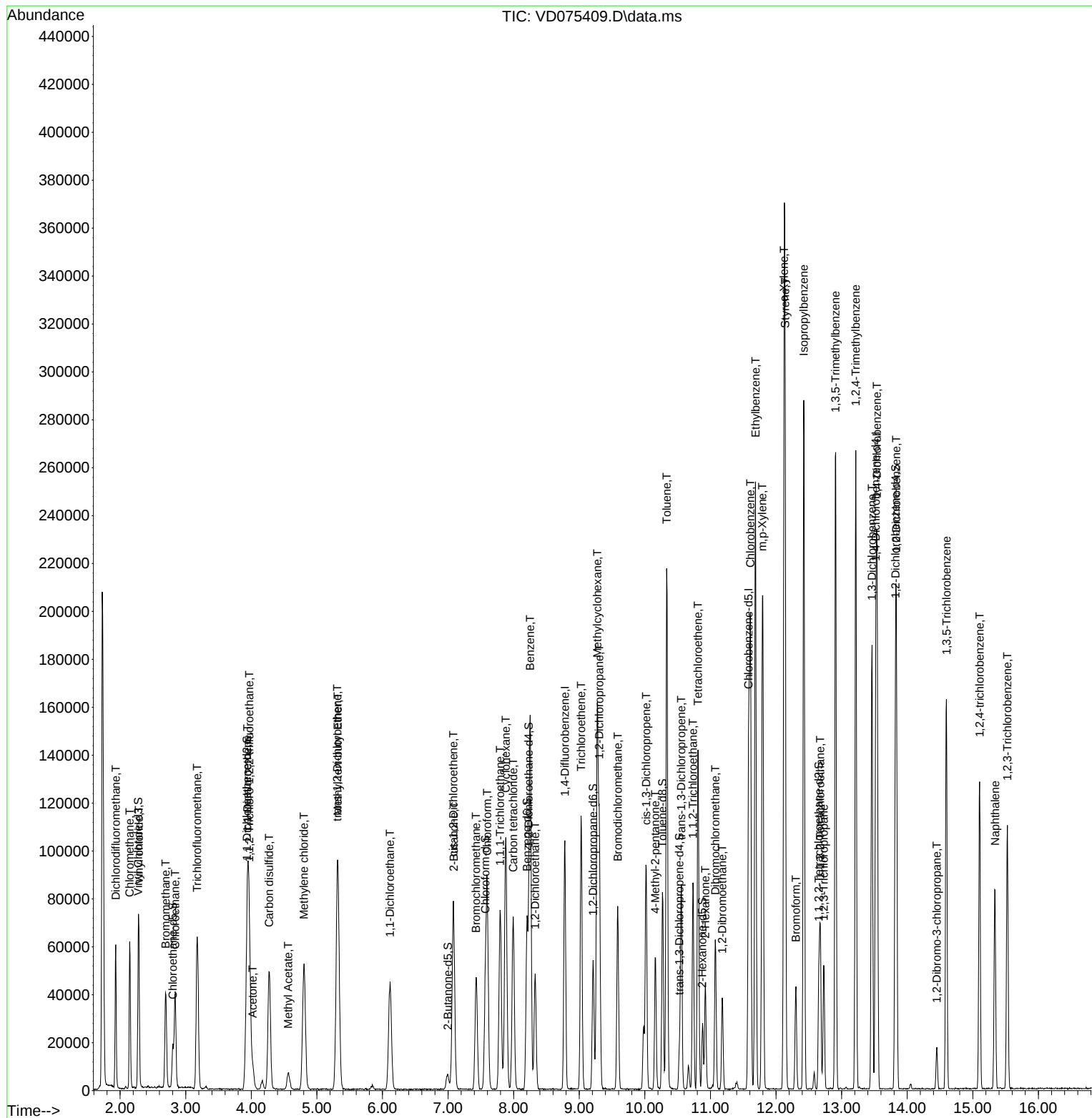
45) 1,1,2-Trichloroethane	10.734	97	26268	30.402	ug/L	96
46) Tetrachloroethene	10.810	164	29535	30.108	ug/L	93
48) 2-Hexanone	10.922	43	29527	58.846	ug/L	99
49) Dibromochloromethane	11.075	129	31839	31.514	ug/L	97
50) 1,2-Dibromoethane	11.181	107	23606	29.171	ug/L #	98
51) Chlorobenzene	11.610	112	96340	29.239	ug/L	99
52) Ethylbenzene	11.687	91	173402	29.622	ug/L	97
53) m,p-Xylene	11.792	106	66181	29.350	ug/L	94
54) o-Xylene	12.122	106	63465	30.472	ug/L	97
55) Styrene	12.140	104	109840	30.974	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.675	83	28519	29.658	ug/L	95
59) Bromoform	12.304	173	18154	31.947	ug/L	97
60) Isopropylbenzene	12.422	105	175508	28.437	ug/L	100
61) 1,2,3-Trichloropropane	12.728	75	19709	26.130	ug/L	98
62) 1,3,5-Trimethylbenzene	12.904	105	137814	26.885	ug/L	100
63) 1,2,4-Trimethylbenzene	13.216	105	136012	26.968	ug/L	99
64) 1,3-Dichlorobenzene	13.463	146	74113	29.268	ug/L	94
65) 1,4-Dichlorobenzene	13.539	146	75990	30.078	ug/L	98
67) 1,2-Dichlorobenzene	13.834	146	63877	29.045	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.451	75	4609	26.822	ug/L	89
69) 1,3,5-Trichlorobenzene	14.598	180	47950	26.374	ug/L	98
70) 1,2,4-trichlorobenzene	15.104	180	37744	24.646	ug/L	98
71) Naphthalene	15.339	128	69844	23.919	ug/L	99
72) 1,2,3-Trichlorobenzene	15.528	180	34233	26.345	ug/L	99

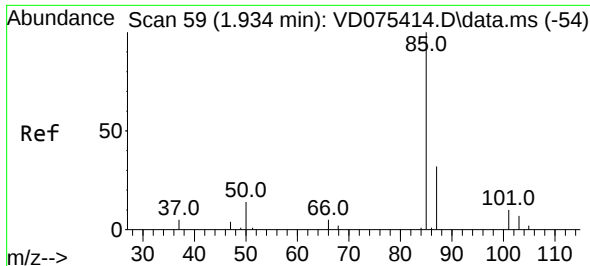
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022323\
 Data File : VD075409.D
 Acq On : 23 Feb 2023 11:52
 Operator : KP/SY
 Sample : VSTD02503
 Misc : 5.00G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025103

Quant Time: Feb 23 23:18:37 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

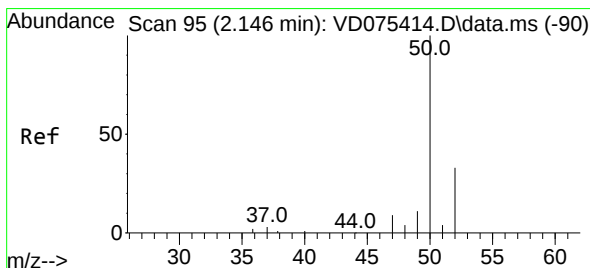
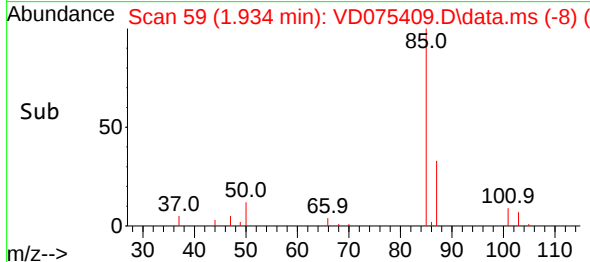
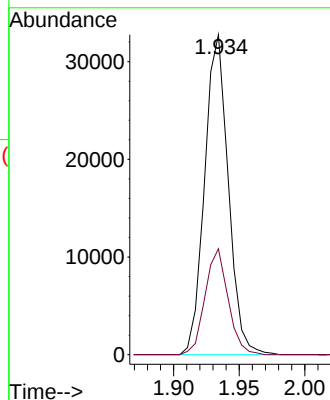
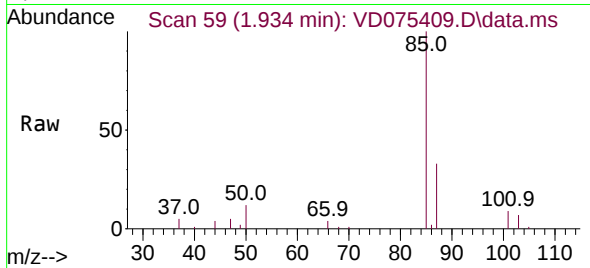




#2
 Dichlorodifluoromethane
 Concen: 56.240 ug/L
 RT: 1.934 min Scan# 59
 Delta R.T. 0.000 min
 Lab File: VD075409.D
 Acq: 23 Feb 2023 11:52

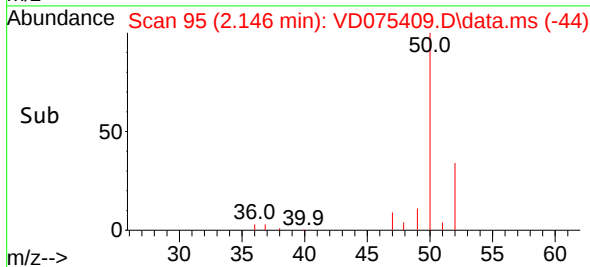
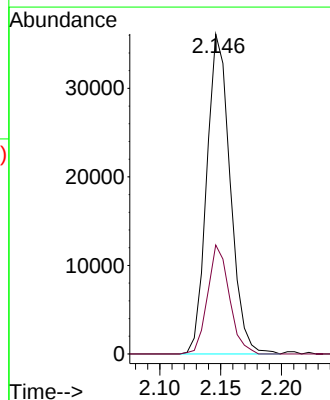
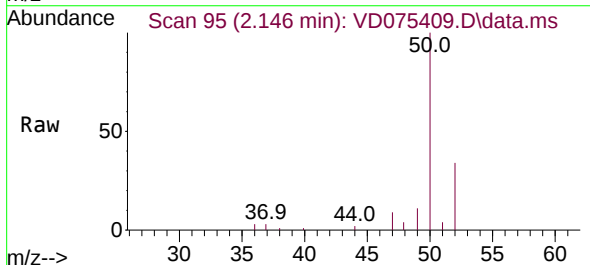
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025103

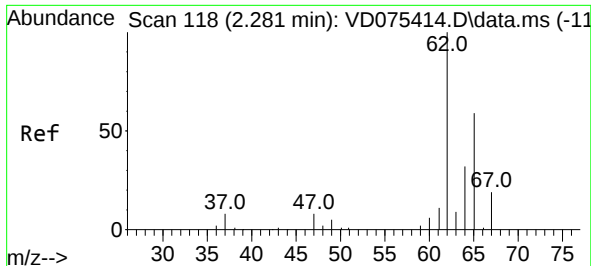
Tgt Ion: 85 Resp: 41239
 Ion Ratio Lower Upper
 85 100
 87 32.1 25.1 37.7



#3
 Chloromethane
 Concen: 44.829 ug/L
 RT: 2.146 min Scan# 95
 Delta R.T. 0.000 min
 Lab File: VD075409.D
 Acq: 23 Feb 2023 11:52

Tgt Ion: 50 Resp: 48427
 Ion Ratio Lower Upper
 50 100
 52 34.1 22.8 42.4

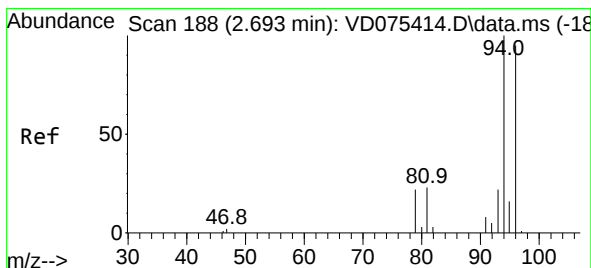
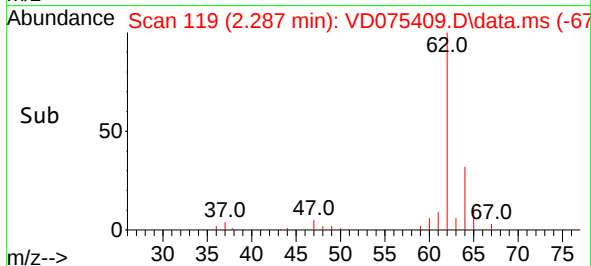
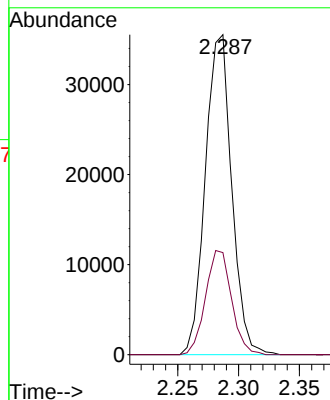
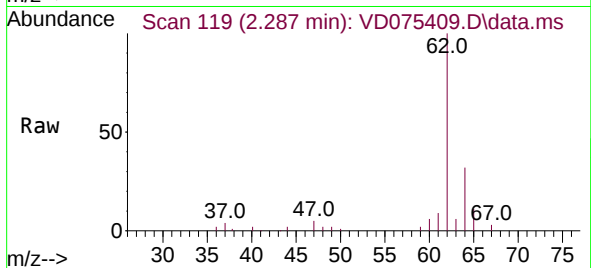




#5
 Vinyl chloride
 Concen: 40.341 ug/L
 RT: 2.287 min Scan# 118
 Delta R.T. 0.006 min
 Lab File: VD075409.D
 Acq: 23 Feb 2023 11:52

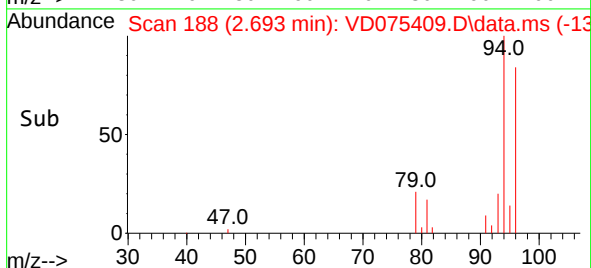
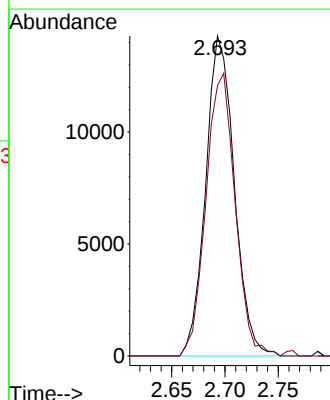
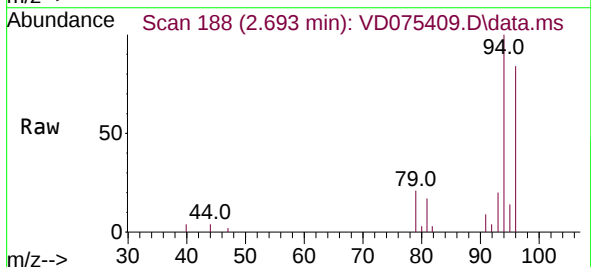
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025103

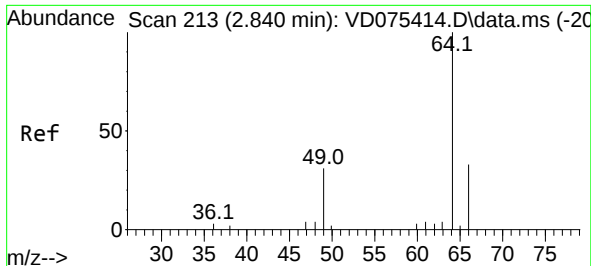
Tgt Ion: 62 Resp: 53441
 Ion Ratio Lower Upper
 62 100
 64 31.9 22.4 41.6



#6
 Bromomethane
 Concen: 38.993 ug/L
 RT: 2.693 min Scan# 188
 Delta R.T. 0.000 min
 Lab File: VD075409.D
 Acq: 23 Feb 2023 11:52

Tgt Ion: 94 Resp: 26733
 Ion Ratio Lower Upper
 94 100
 96 84.5 66.4 123.4

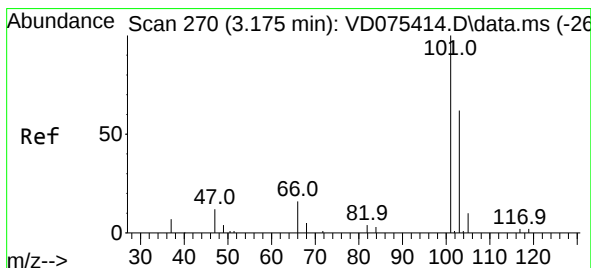
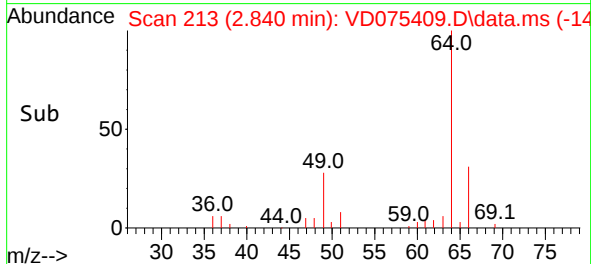
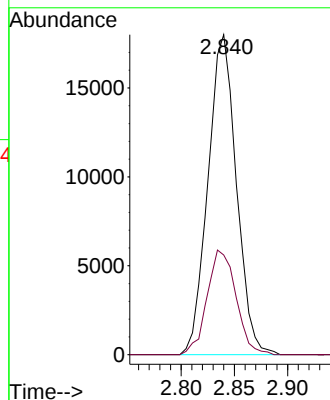
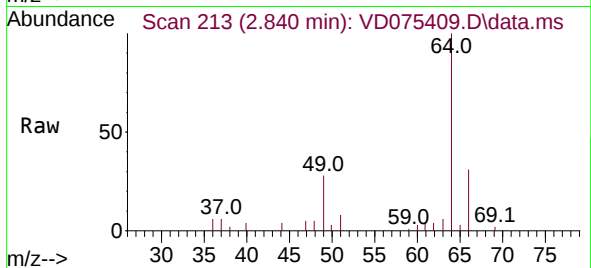




#8
Chloroethane
Concen: 49.417 ug/L
RT: 2.840 min Scan# 213
Delta R.T. 0.000 min
Lab File: VD075409.D
Acq: 23 Feb 2023 11:52

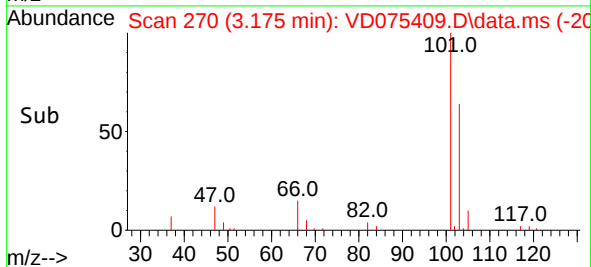
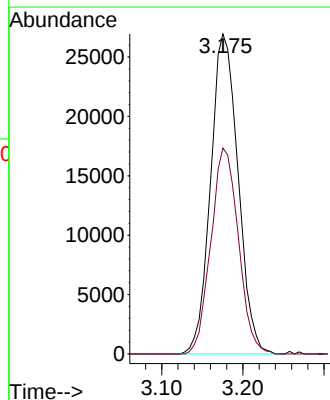
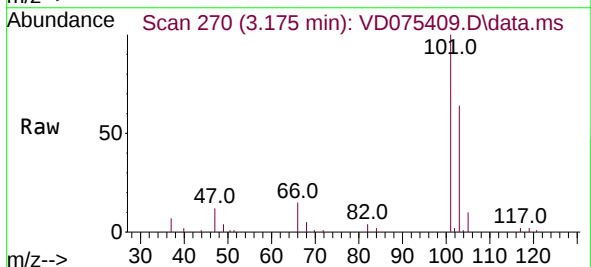
Instrument :
MSVOA_D
ClientSampleId :
VSTD025103

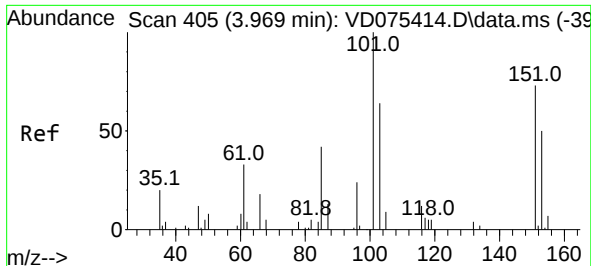
Tgt Ion: 64 Resp: 33405
Ion Ratio Lower Upper
64 100
66 31.2 23.2 43.0



#9
Trichlorofluoromethane
Concen: 56.829 ug/L
RT: 3.175 min Scan# 270
Delta R.T. -0.000 min
Lab File: VD075409.D
Acq: 23 Feb 2023 11:52

Tgt Ion:101 Resp: 63303
Ion Ratio Lower Upper
101 100
103 64.4 50.2 75.2

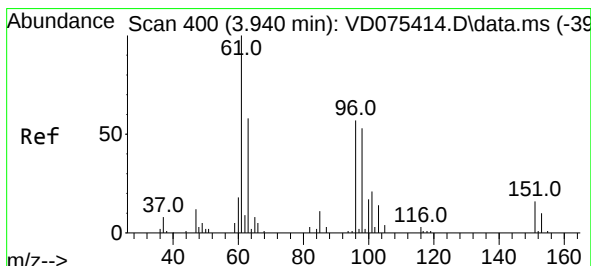
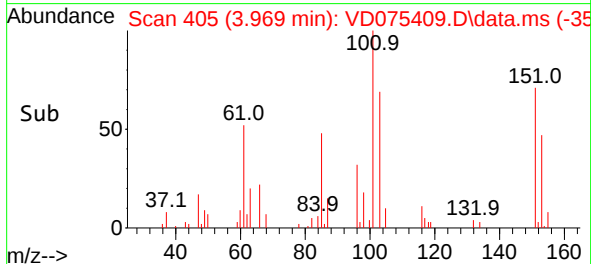
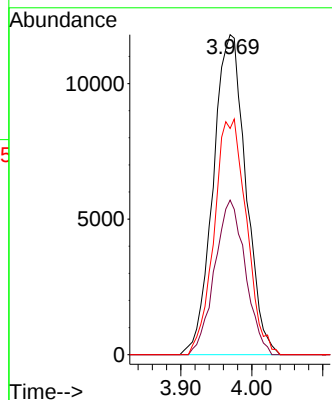
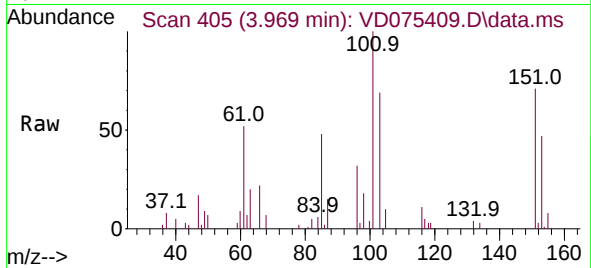




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 31.312 ug/L
 RT: 3.969 min Scan# 405
 Delta R.T. 0.000 min
 Lab File: VD075409.D
 Acq: 23 Feb 2023 11:52

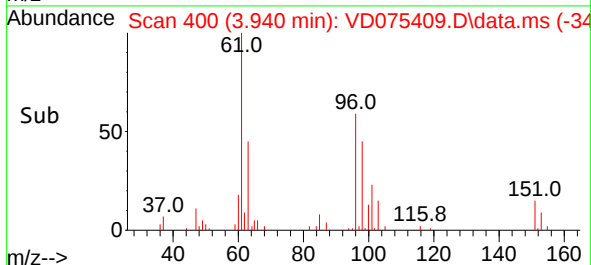
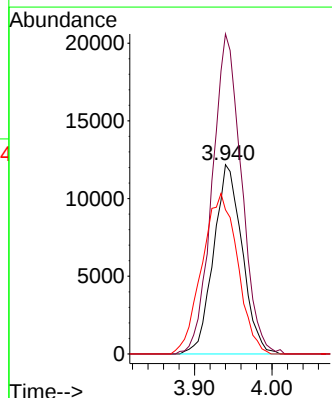
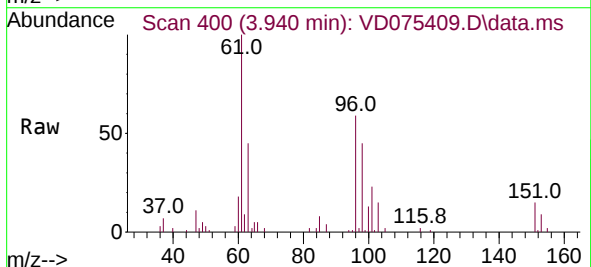
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025103

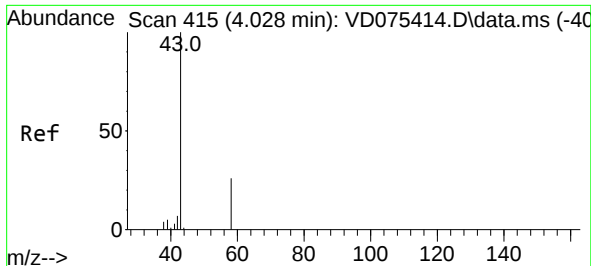
Tgt Ion:101 Resp: 37702
 Ion Ratio Lower Upper
 101 100
 85 45.3 36.7 55.1
 151 39.3 58.2 87.2#



#12
 1,1-Dichloroethene
 Concen: 27.762 ug/L
 RT: 3.940 min Scan# 400
 Delta R.T. -0.000 min
 Lab File: VD075409.D
 Acq: 23 Feb 2023 11:52

Tgt Ion: 96 Resp: 31230
 Ion Ratio Lower Upper
 96 100
 61 169.1 123.8 229.8
 63 76.2 81.3 150.9#





#13

Acetone

Concen: 46.029 ug/L

RT: 4.022 min Scan# 415

Delta R.T. -0.006 min

Lab File: VD075409.D

Acq: 23 Feb 2023 11:52

Instrument :

MSVOA_D

ClientSampleId :

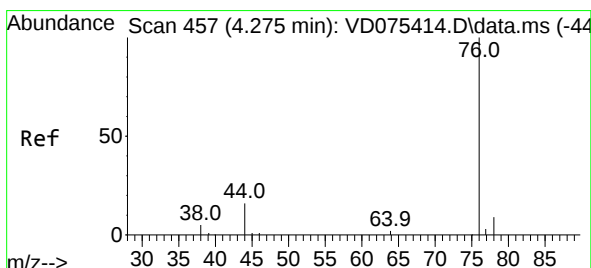
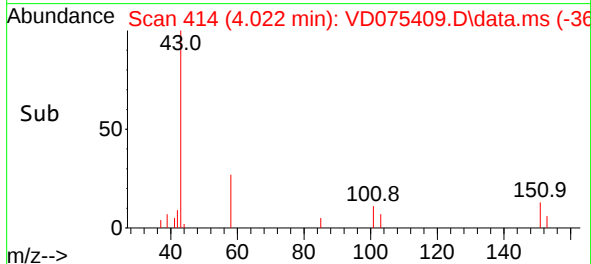
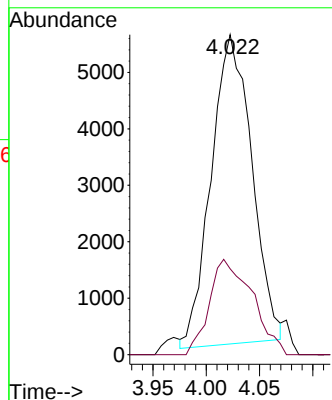
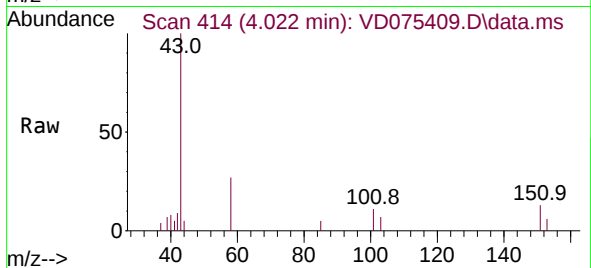
VSTD025103

Tgt Ion: 43 Resp: 14532

Ion Ratio Lower Upper

43 100

58 32.5 0.0 53.8



#14

Carbon disulfide

Concen: 27.880 ug/L

RT: 4.269 min Scan# 456

Delta R.T. -0.006 min

Lab File: VD075409.D

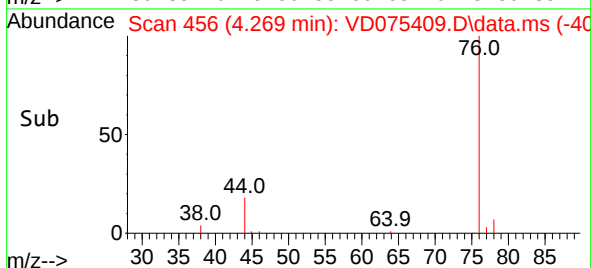
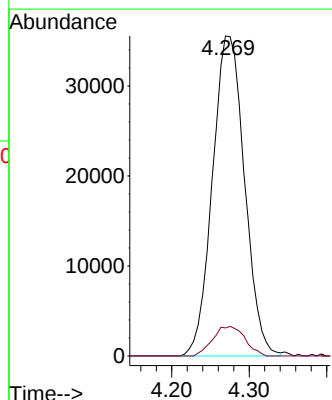
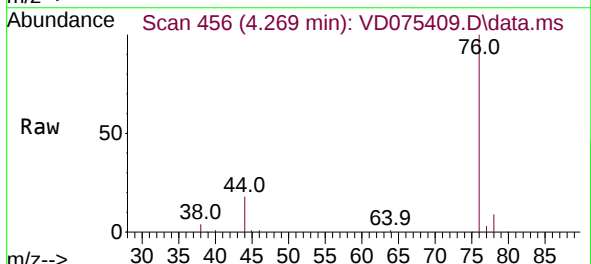
Acq: 23 Feb 2023 11:52

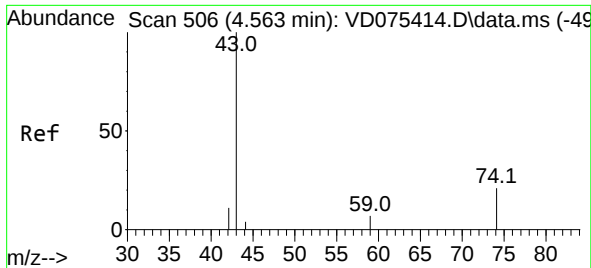
Tgt Ion: 76 Resp: 102246

Ion Ratio Lower Upper

76 100

78 8.7 7.0 10.6

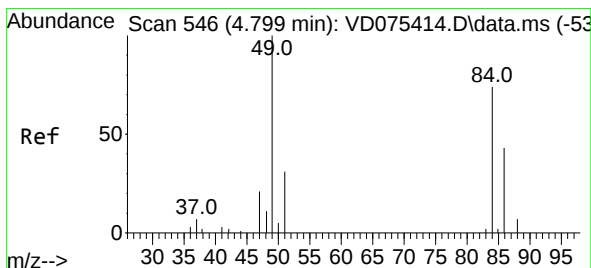
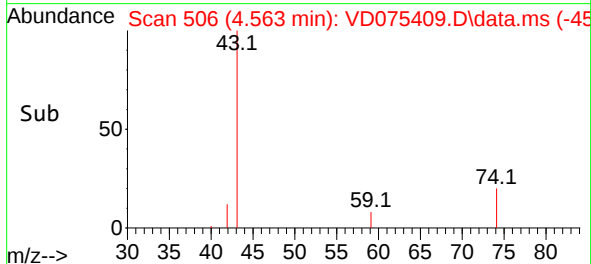
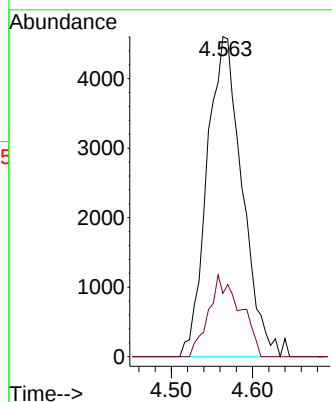
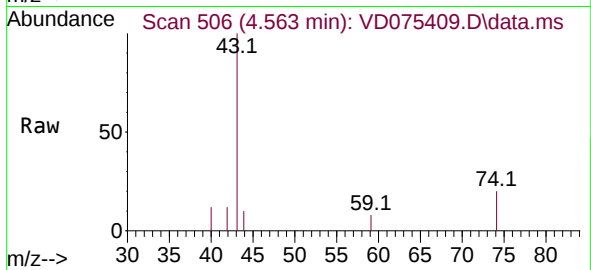




#15
Methyl Acetate
Concen: 29.410 ug/L
RT: 4.563 min Scan# 506
Delta R.T. -0.000 min
Lab File: VD075409.D
Acq: 23 Feb 2023 11:52

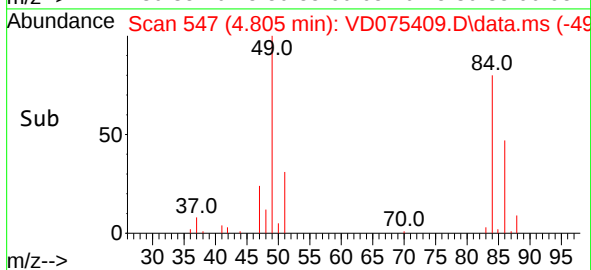
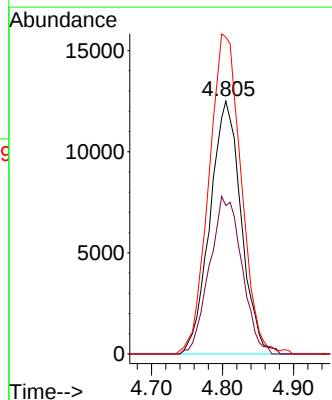
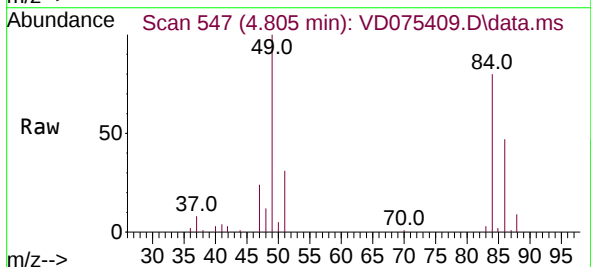
Instrument :
MSVOA_D
ClientSampleId :
VSTD025103

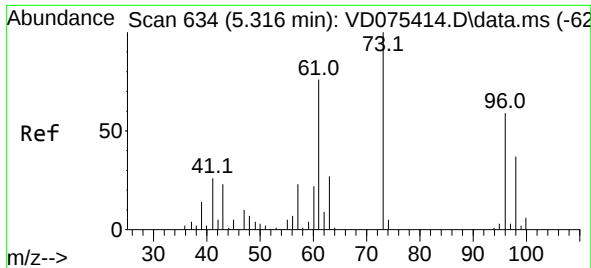
Tgt Ion: 43 Resp: 13795
Ion Ratio Lower Upper
43 100
74 11.2 11.7 17.5#



#16
Methylene chloride
Concen: 26.858 ug/L
RT: 4.805 min Scan# 547
Delta R.T. 0.006 min
Lab File: VD075409.D
Acq: 23 Feb 2023 11:52

Tgt Ion: 84 Resp: 38075
Ion Ratio Lower Upper
84 100
86 58.7 41.0 76.2
49 125.4 95.2 176.8

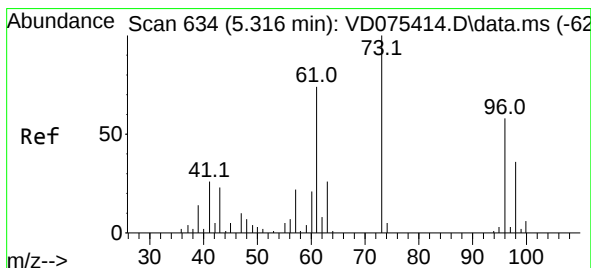
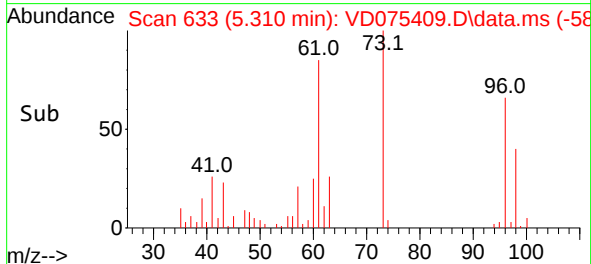
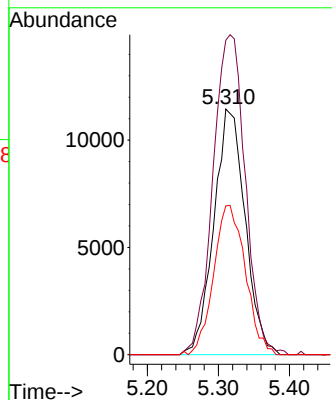
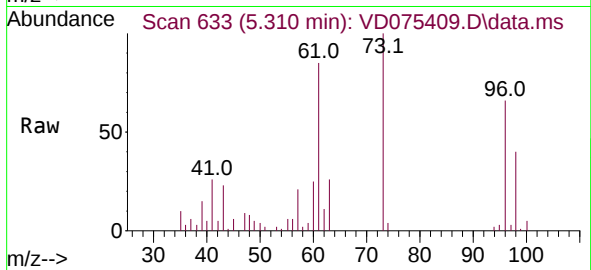




#17
trans-1,2-Dichloroethene
Concen: 29.066 ug/L
RT: 5.310 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD075409.D
Acq: 23 Feb 2023 11:52

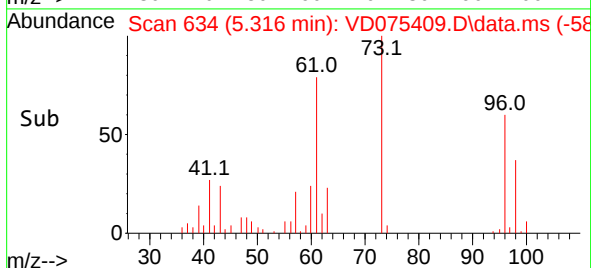
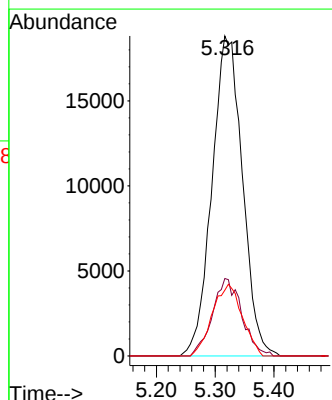
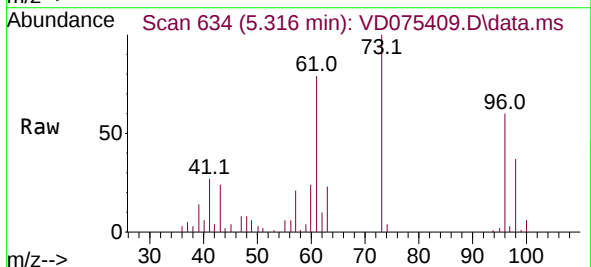
Instrument :
MSVOA_D
ClientSampleId :
VSTD025103

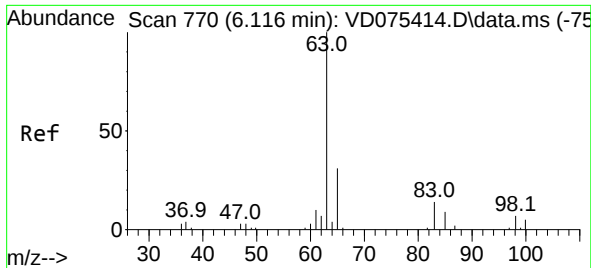
Tgt Ion: 96 Resp: 35057
Ion Ratio Lower Upper
96 100
61 128.0 90.2 167.4
98 60.6 43.7 81.1



#18
Methyl tert-butyl Ether
Concen: 36.249 ug/L
RT: 5.316 min Scan# 634
Delta R.T. -0.000 min
Lab File: VD075409.D
Acq: 23 Feb 2023 11:52

Tgt Ion: 73 Resp: 67691
Ion Ratio Lower Upper
73 100
43 15.4 17.8 26.6#
57 22.0 18.0 27.0





#19

1,1-Dichloroethane

Concen: 30.419 ug/L

RT: 6.116 min Scan# 71

Delta R.T. 0.000 min

Lab File: VD075409.D

Acq: 23 Feb 2023 11:52

Instrument :

MSVOA_D

ClientSampleId :

VSTD025103

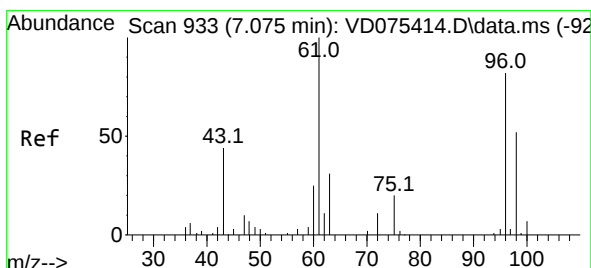
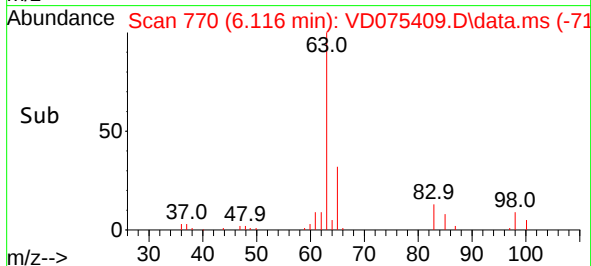
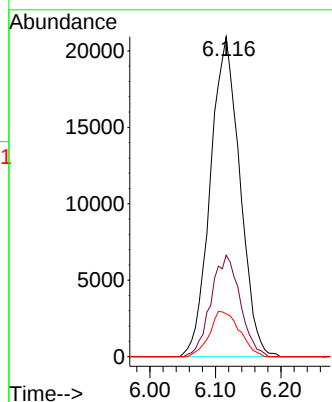
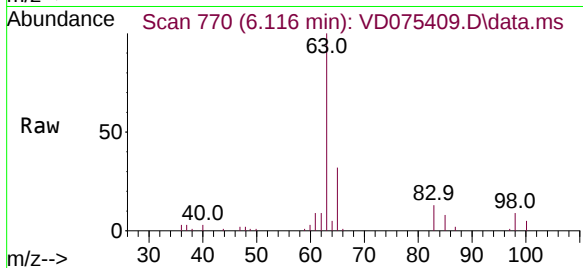
Tgt Ion: 63 Resp: 65331

Ion Ratio Lower Upper

63 100

65 31.7 21.8 40.4

83 13.4 9.9 18.5



#20

cis-1,2-Dichloroethene

Concen: 29.290 ug/L

RT: 7.081 min Scan# 934

Delta R.T. 0.006 min

Lab File: VD075409.D

Acq: 23 Feb 2023 11:52

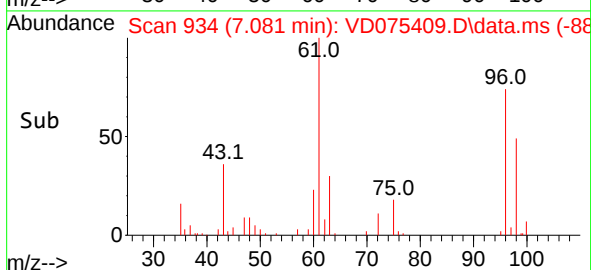
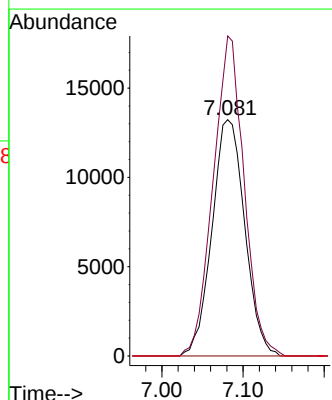
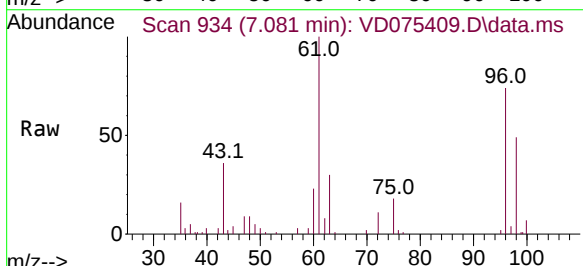
Tgt Ion: 96 Resp: 37017

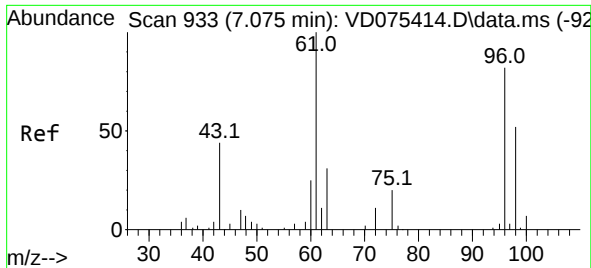
Ion Ratio Lower Upper

96 100

61 135.4 85.3 158.5

68 0.0 0.0 0.0

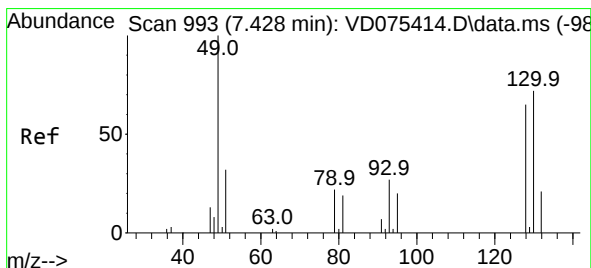
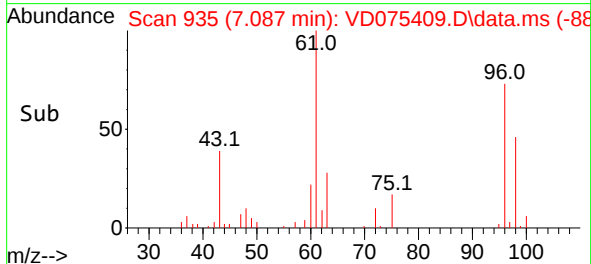
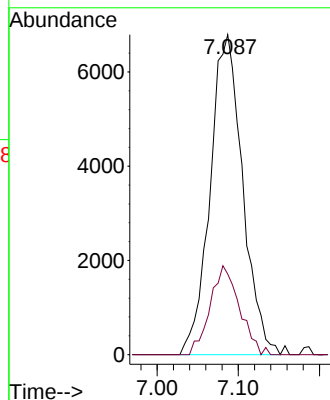
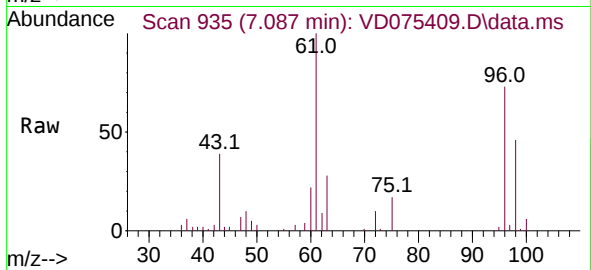




#22
2-Butanone
Concen: 53.591 ug/L
RT: 7.087 min Scan# 91
Delta R.T. 0.012 min
Lab File: VD075409.D
Acq: 23 Feb 2023 11:52

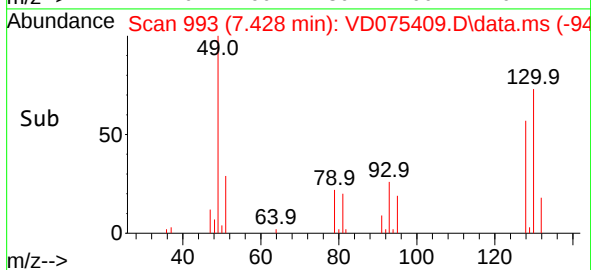
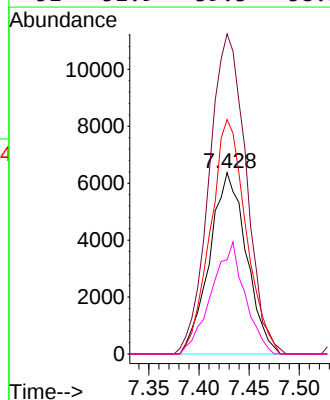
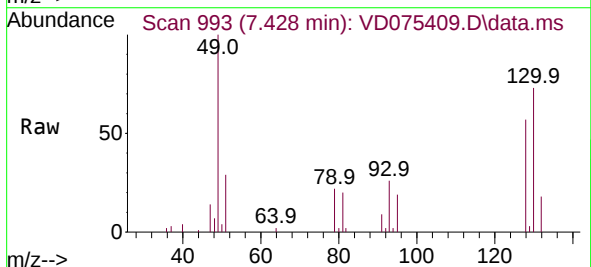
Instrument :
MSVOA_D
ClientSampleId :
VSTD025103

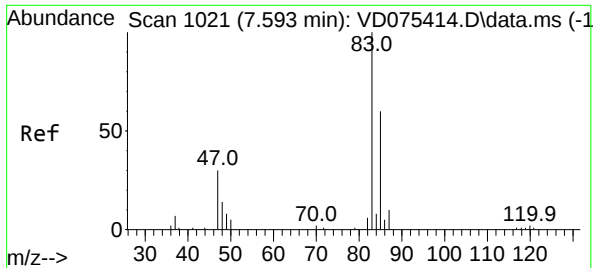
Tgt Ion: 43 Resp: 18897
Ion Ratio Lower Upper
43 100
72 24.8 12.8 38.3



#23
Bromochloromethane
Concen: 30.334 ug/L
RT: 7.428 min Scan# 993
Delta R.T. -0.000 min
Lab File: VD075409.D
Acq: 23 Feb 2023 11:52

Tgt Ion:128 Resp: 16237
Ion Ratio Lower Upper
128 100
49 176.5 108.4 201.2
130 129.3 77.9 144.7
51 51.9 39.3 58.9

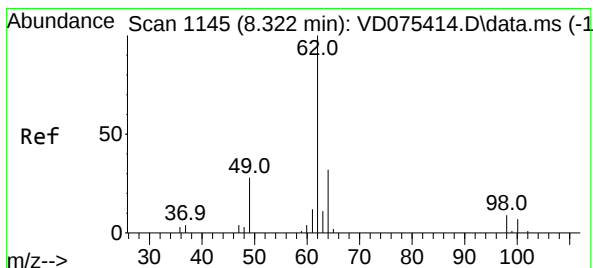
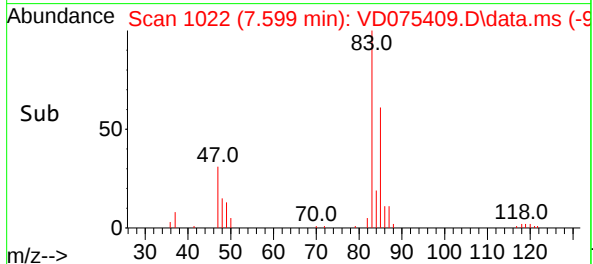
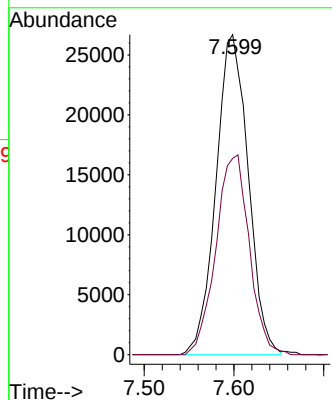
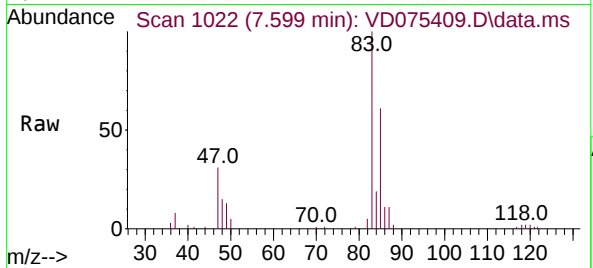




#25
Chloroform
Concen: 31.085 ug/L
RT: 7.599 min Scan# 1021
Delta R.T. 0.006 min
Lab File: VD075409.D
Acq: 23 Feb 2023 11:52

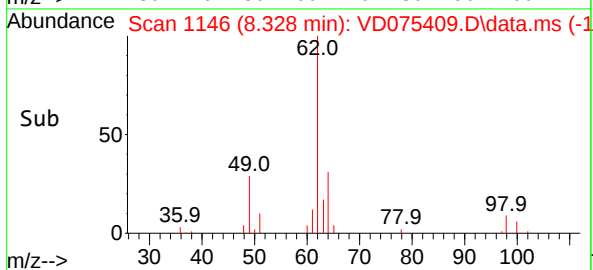
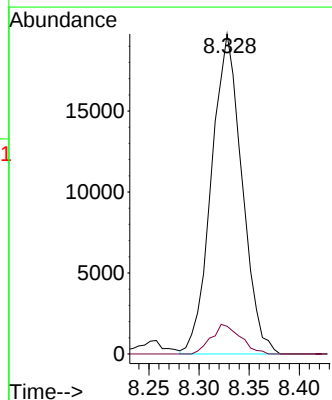
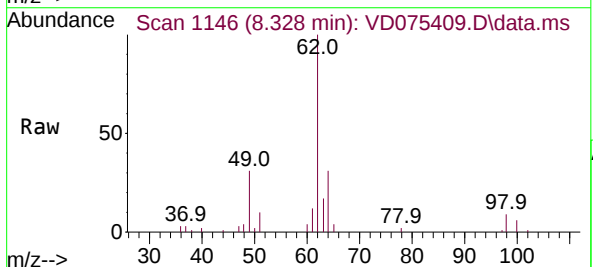
Instrument :
MSVOA_D
ClientSampleId :
VSTD025103

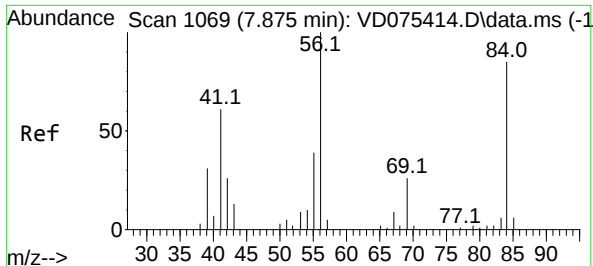
Tgt Ion: 83 Resp: 66614
Ion Ratio Lower Upper
83 100
85 61.4 42.1 78.3



#27
1,2-Dichloroethane
Concen: 31.632 ug/L
RT: 8.328 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VD075409.D
Acq: 23 Feb 2023 11:52

Tgt Ion: 62 Resp: 41983
Ion Ratio Lower Upper
62 100
98 8.7 6.8 10.2





#29

Cyclohexane

Concen: 25.547 ug/L

RT: 7.881 min Scan# 1070

Delta R.T. 0.006 min

Lab File: VD075409.D

Acq: 23 Feb 2023 11:52

Instrument :

MSVOA_D

ClientSampleId :

VSTD025103

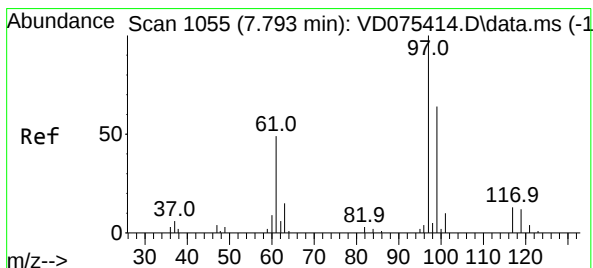
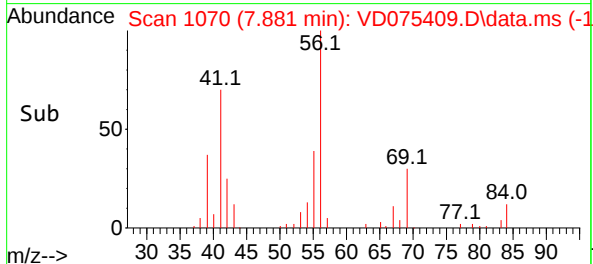
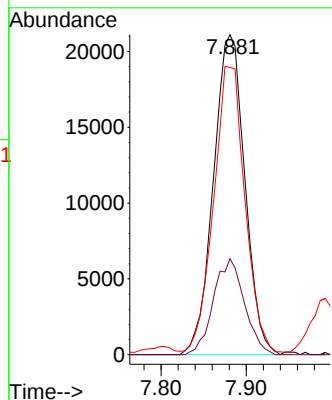
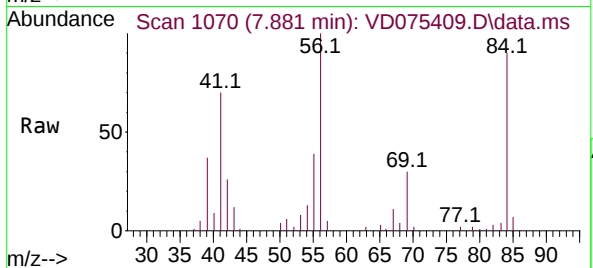
Tgt Ion: 56 Resp: 54114

Ion Ratio Lower Upper

56 100

69 29.6 23.2 34.8

84 90.6 70.1 105.1



#30

1,1,1-Trichloroethane

Concen: 31.803 ug/L

RT: 7.793 min Scan# 1055

Delta R.T. -0.000 min

Lab File: VD075409.D

Acq: 23 Feb 2023 11:52

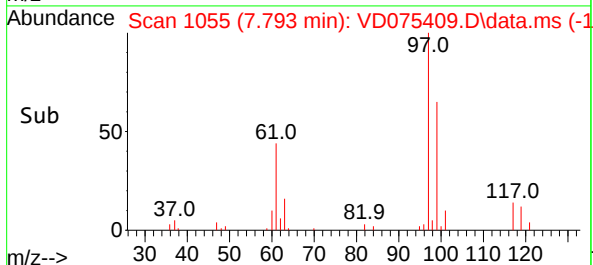
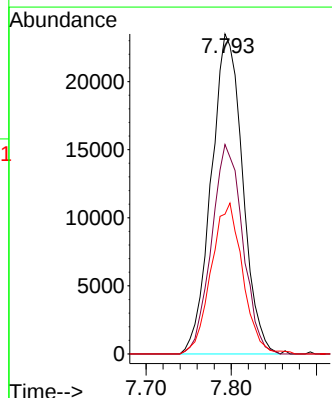
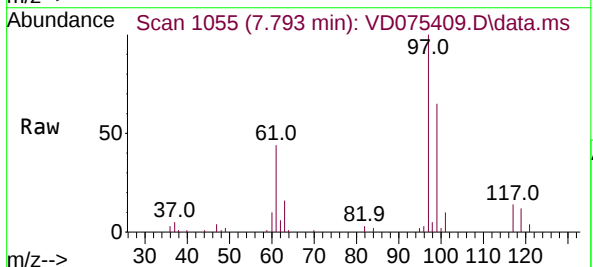
Tgt Ion: 97 Resp: 60064

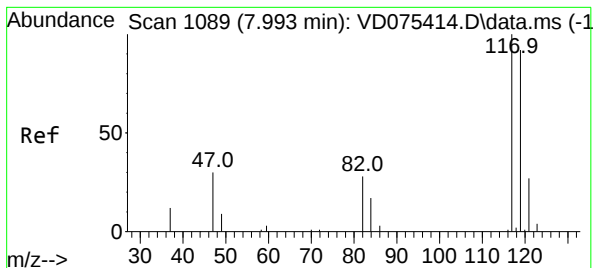
Ion Ratio Lower Upper

97 100

99 65.2 52.6 78.8

61 47.3 37.8 56.8





#31

Carbon tetrachloride

Concen: 30.146 ug/L

RT: 7.993 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD075409.D

Acq: 23 Feb 2023 11:52

Instrument :

MSVOA_D

ClientSampleId :

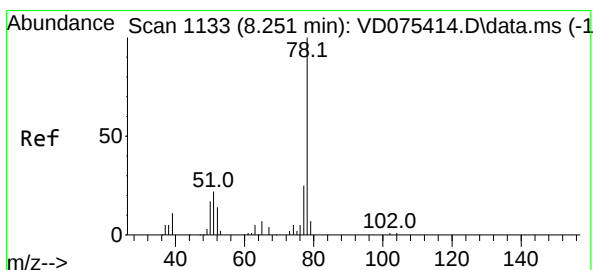
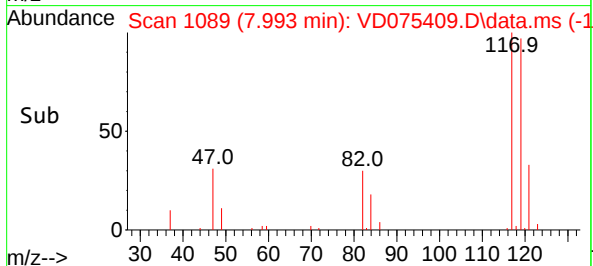
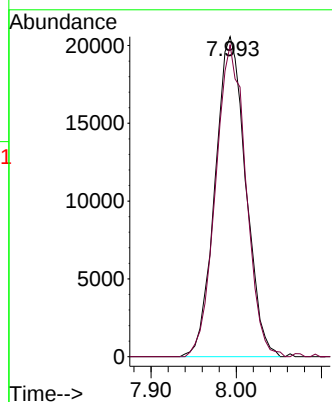
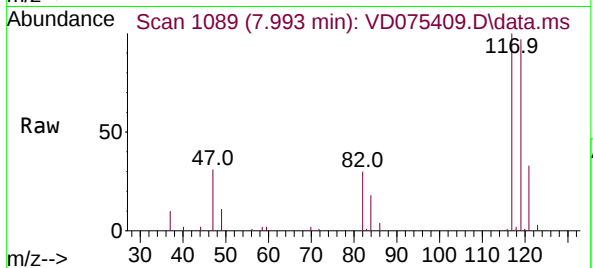
VSTD025103

Tgt Ion:117 Resp: 51418

Ion Ratio Lower Upper

117 100

119 96.2 76.2 114.2



#33

Benzene

Concen: 28.437 ug/L

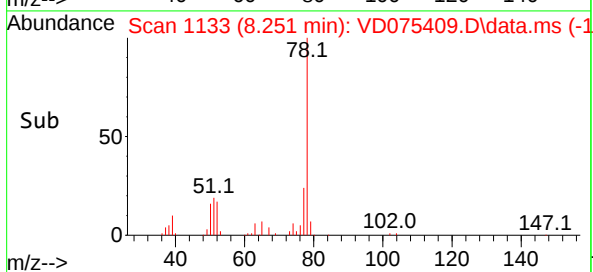
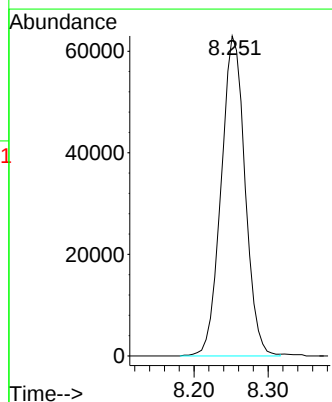
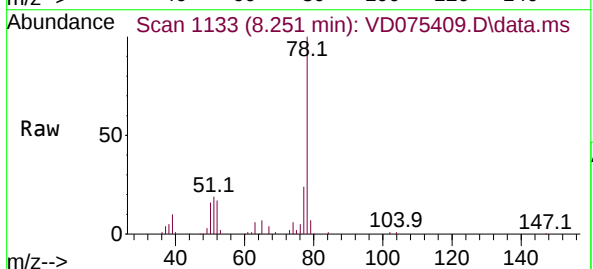
RT: 8.251 min Scan# 1133

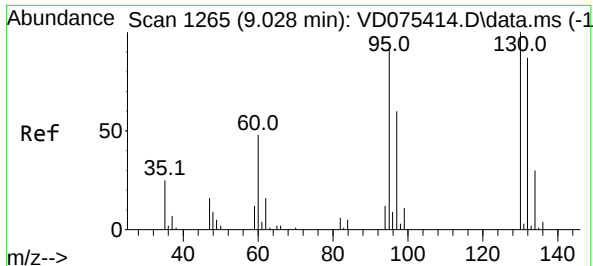
Delta R.T. -0.000 min

Lab File: VD075409.D

Acq: 23 Feb 2023 11:52

Tgt Ion: 78 Resp: 141116



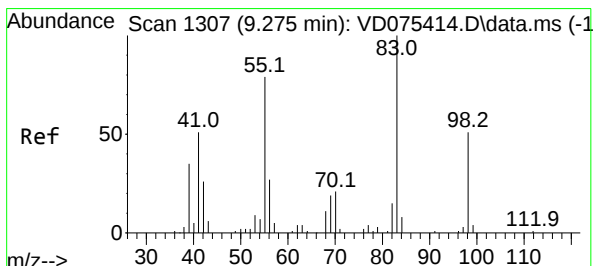
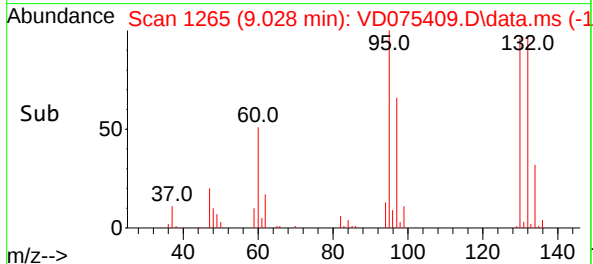
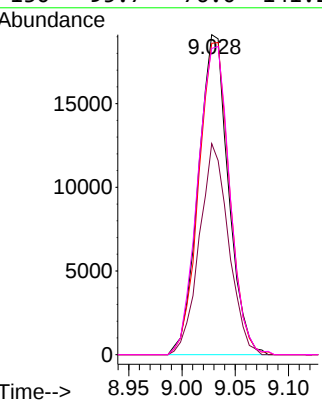
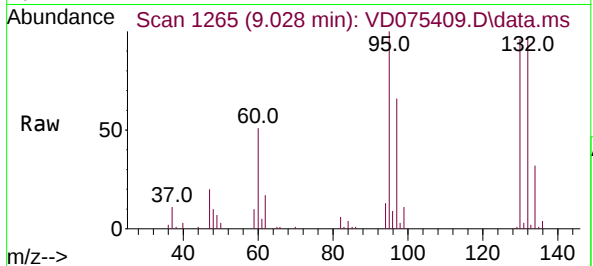


#34
Trichloroethene
Concen: 28.909 ug/L
RT: 9.028 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075409.D
Acq: 23 Feb 2023 11:52

Instrument :
MSVOA_D
ClientSampleId :
VSTD025103

Tgt Ion: 95 Resp: 37529

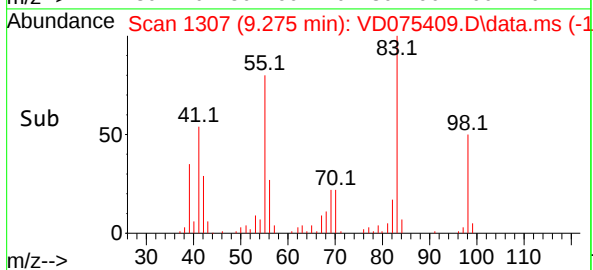
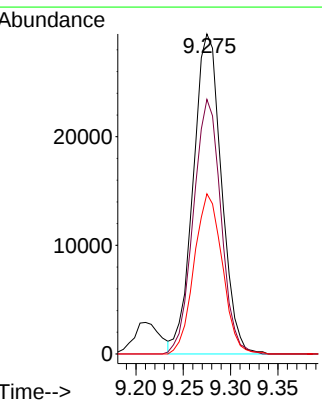
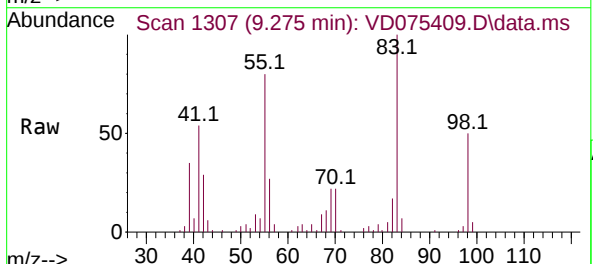
Ion	Ratio	Lower	Upper
95	100		
97	65.9	45.4	84.4
132	97.3	65.9	122.3
130	95.7	76.0	141.2

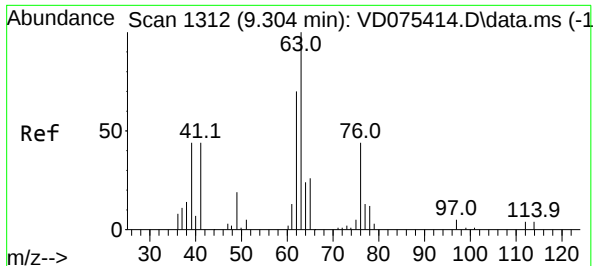


#35
Methylcyclohexane
Concen: 26.476 ug/L
RT: 9.275 min Scan# 1307
Delta R.T. 0.000 min
Lab File: VD075409.D
Acq: 23 Feb 2023 11:52

Tgt Ion: 83 Resp: 61141

Ion	Ratio	Lower	Upper
83	100		
55	77.5	60.6	90.8
98	50.1	39.6	59.4

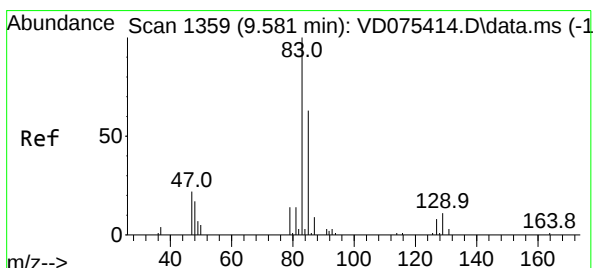
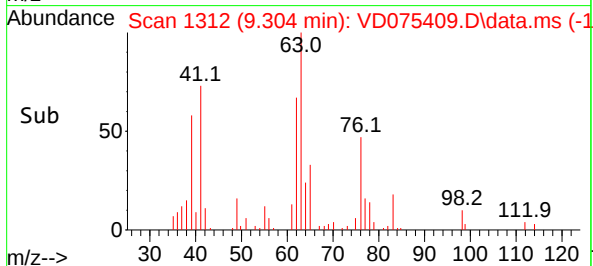
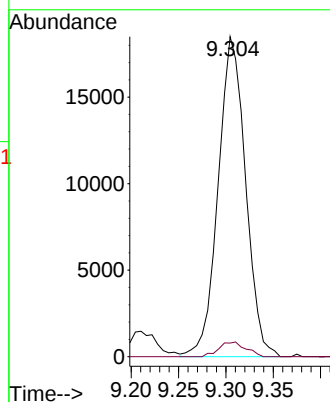
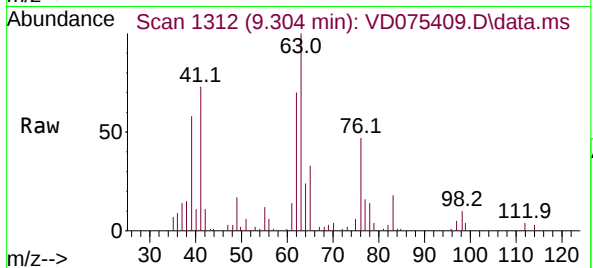




#37
1,2-Dichloropropane
Concen: 29.977 ug/L
RT: 9.304 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD075409.D
Acq: 23 Feb 2023 11:52

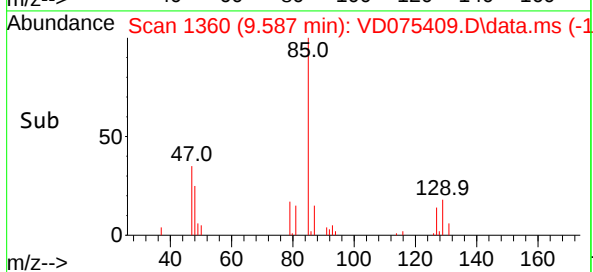
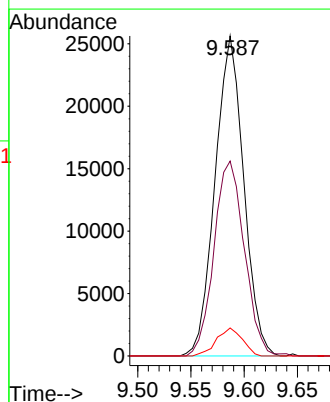
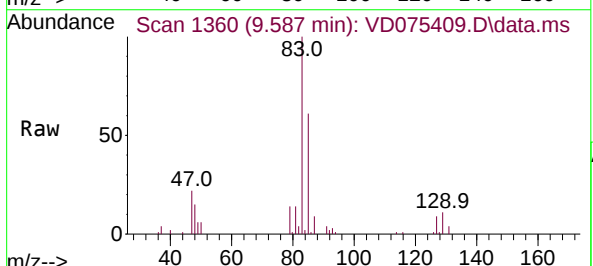
Instrument :
MSVOA_D
ClientSampleId :
VSTD025103

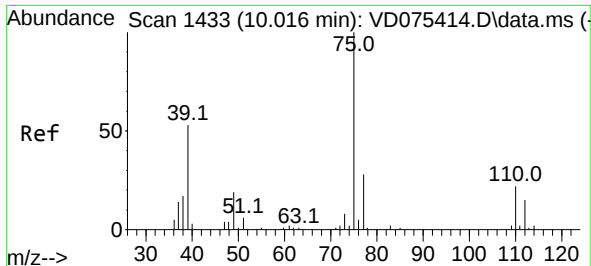
Tgt Ion: 63 Resp: 37276
Ion Ratio Lower Upper
63 100
112 4.5 3.5 5.3



#38
Bromodichloromethane
Concen: 30.666 ug/L
RT: 9.587 min Scan# 1360
Delta R.T. 0.006 min
Lab File: VD075409.D
Acq: 23 Feb 2023 11:52

Tgt Ion: 83 Resp: 47937
Ion Ratio Lower Upper
83 100
85 60.9 43.9 81.5
127 8.8 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 27.795 ug/L

RT: 10.022 min Scan# 1433

Delta R.T. 0.006 min

Lab File: VD075409.D

Acq: 23 Feb 2023 11:52

Instrument :

MSVOA_D

ClientSampleId :

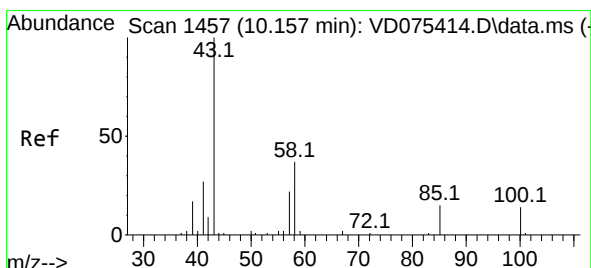
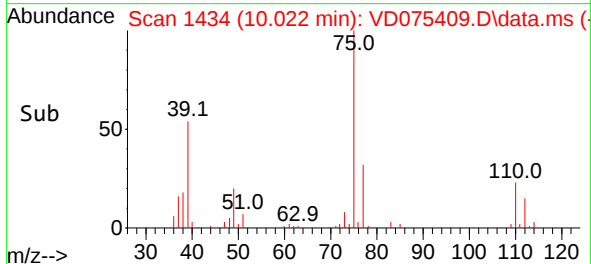
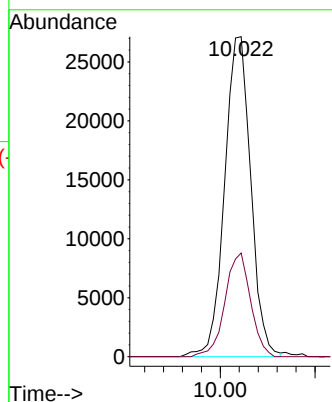
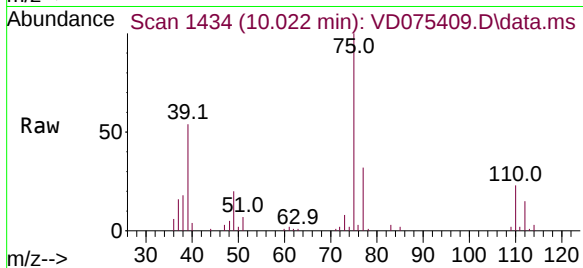
VSTD025103

Tgt Ion: 75 Resp: 52105

Ion Ratio Lower Upper

75 100

77 32.4 19.3 35.9



#40

4-Methyl-2-pentanone

Concen: 58.394 ug/L

RT: 10.157 min Scan# 1457

Delta R.T. -0.000 min

Lab File: VD075409.D

Acq: 23 Feb 2023 11:52

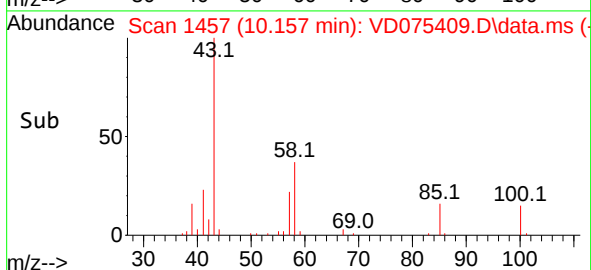
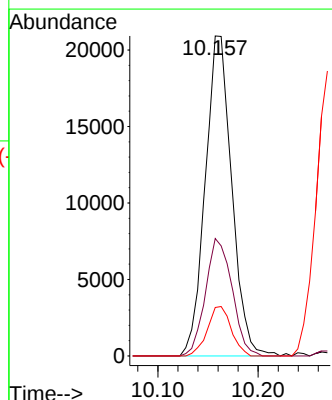
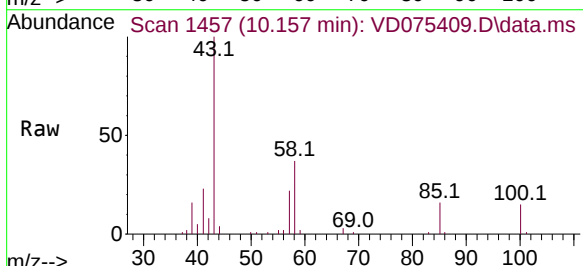
Tgt Ion: 43 Resp: 38461

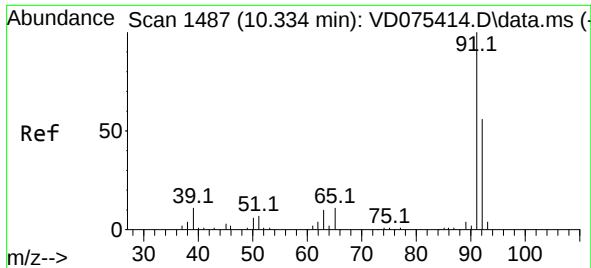
Ion Ratio Lower Upper

43 100

58 36.7 29.5 44.3

100 13.9 11.4 17.2

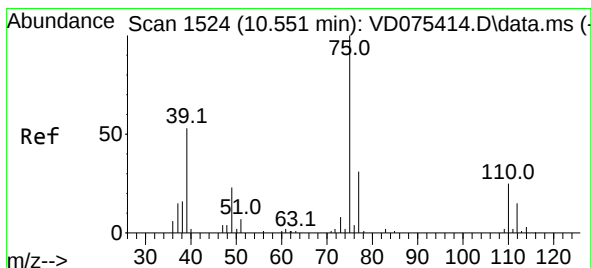
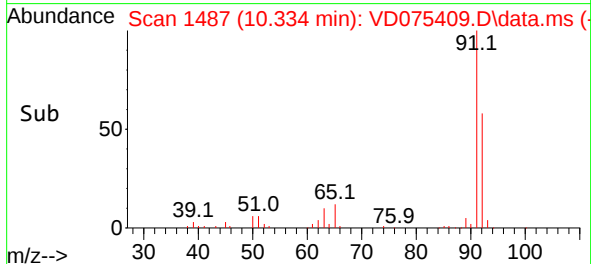
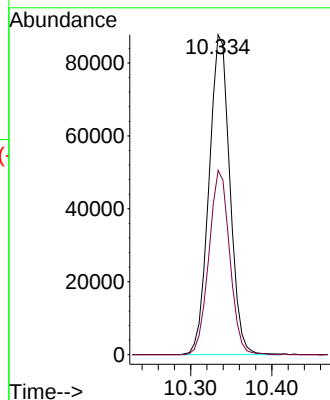
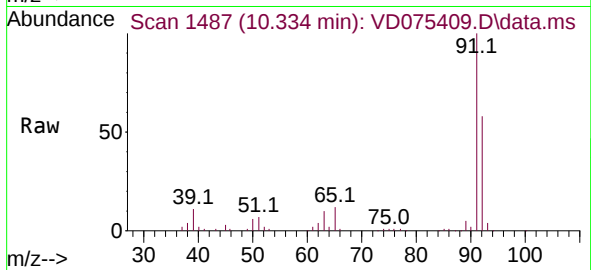




#42
Toluene
Concen: 29.701 ug/L
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD075409.D
Acq: 23 Feb 2023 11:52

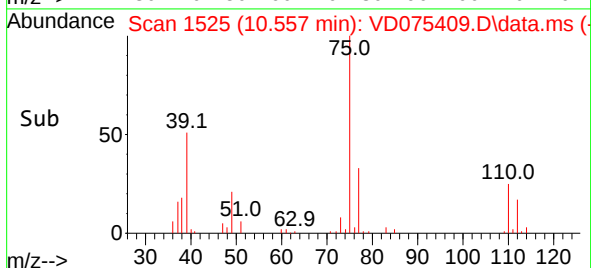
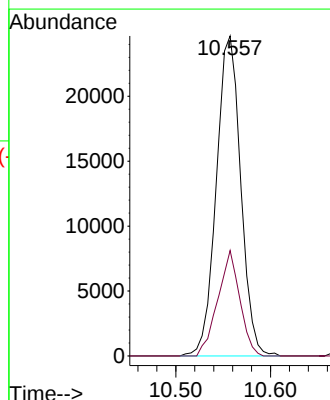
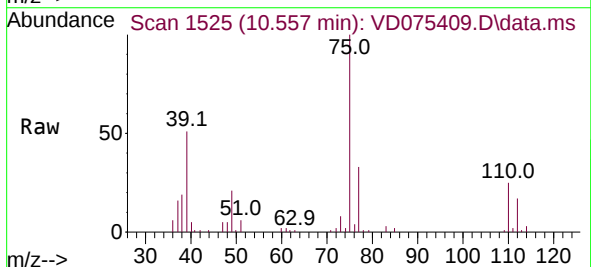
Instrument :
MSVOA_D
ClientSampleId :
VSTD025103

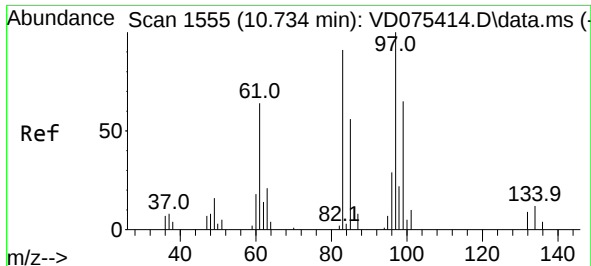
Tgt Ion: 91 Resp: 156149
Ion Ratio Lower Upper
91 100
92 57.5 39.3 73.1



#44
trans-1,3-Dichloropropene
Concen: 27.513 ug/L
RT: 10.557 min Scan# 1525
Delta R.T. 0.006 min
Lab File: VD075409.D
Acq: 23 Feb 2023 11:52

Tgt Ion: 75 Resp: 44122
Ion Ratio Lower Upper
75 100
77 32.9 21.4 39.8

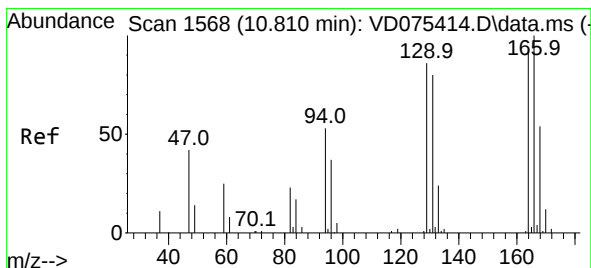
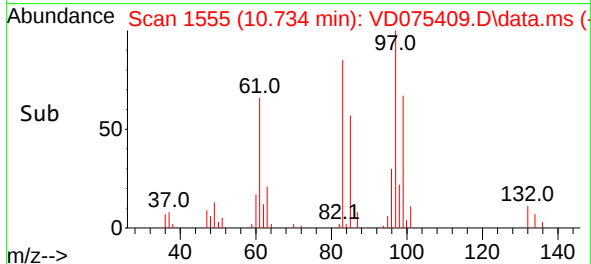
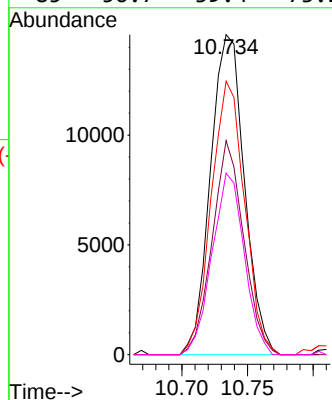
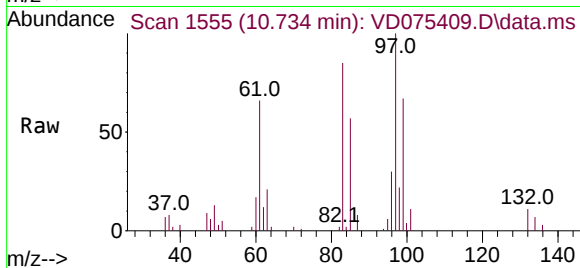




#45
1,1,2-Trichloroethane
Concen: 30.402 ug/L
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD075409.D
Acq: 23 Feb 2023 11:52

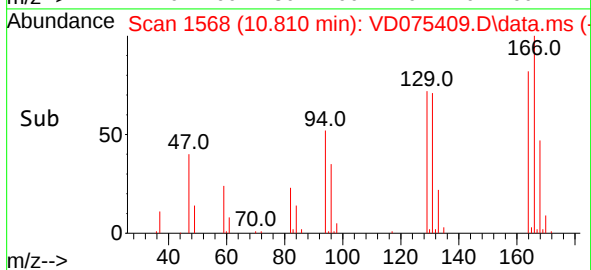
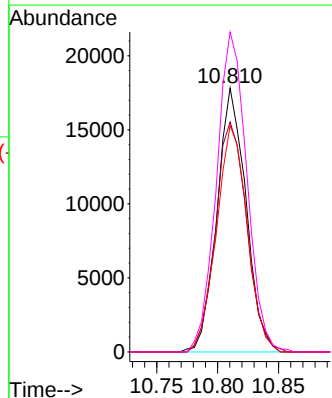
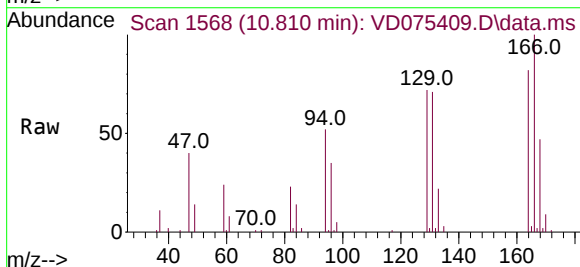
Instrument :
MSVOA_D
ClientSampleId :
VSTD025103

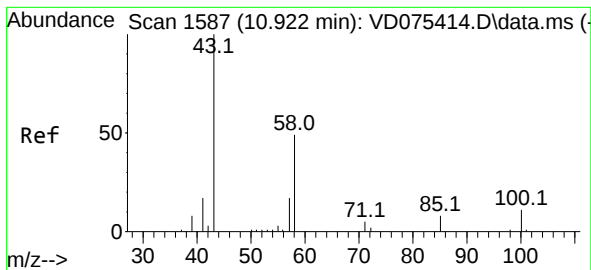
Tgt Ion:	97	Resp:	26268
Ion	Ratio	Lower	Upper
97	100		
99	66.9	45.4	84.2
83	85.5	63.8	118.6
85	56.7	39.4	73.2



#46
Tetrachloroethene
Concen: 30.108 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD075409.D
Acq: 23 Feb 2023 11:52

Tgt Ion:	164	Resp:	29535
Ion	Ratio	Lower	Upper
164	100		
129	87.1	64.8	120.4
131	85.8	60.1	111.5
166	121.2	75.7	140.5





#48

2-Hexanone

Concen: 58.846 ug/L

RT: 10.922 min Scan# 1587

Delta R.T. -0.000 min

Lab File: VD075409.D

Acq: 23 Feb 2023 11:52

Instrument :

MSVOA_D

ClientSampleId :

VSTD025103

Tgt Ion: 43 Resp: 29527

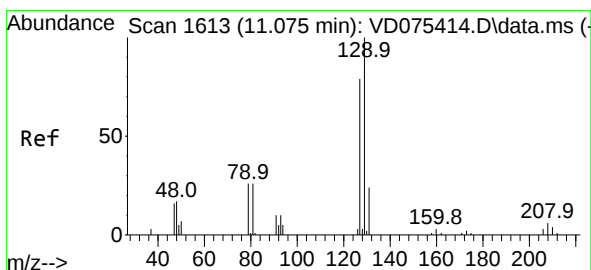
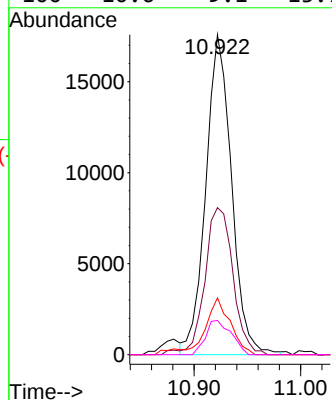
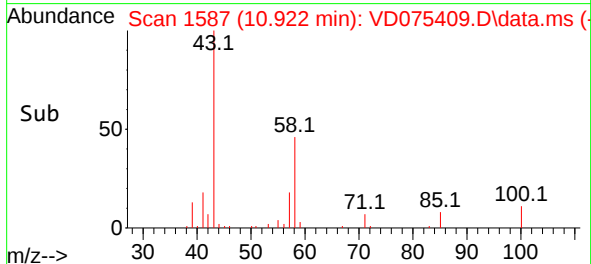
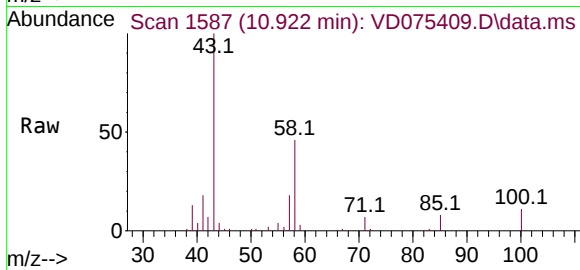
Ion Ratio Lower Upper

43 100

58 49.5 40.3 60.5

57 16.5 13.4 20.0

100 10.6 9.1 13.7



#49

Dibromochloromethane

Concen: 31.514 ug/L

RT: 11.075 min Scan# 1613

Delta R.T. -0.000 min

Lab File: VD075409.D

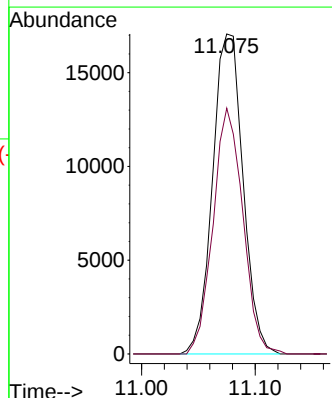
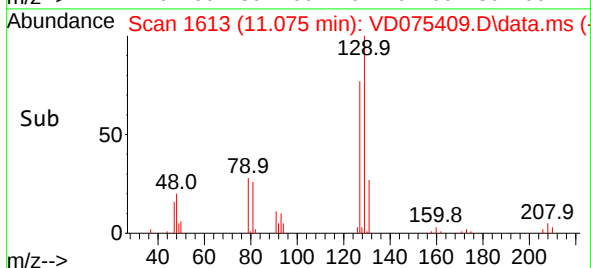
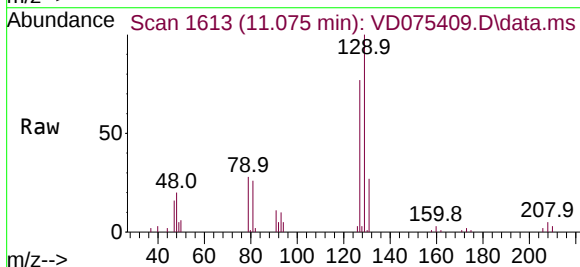
Acq: 23 Feb 2023 11:52

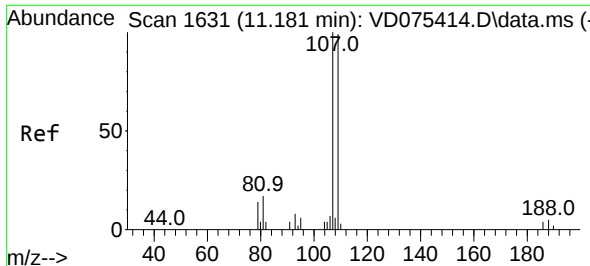
Tgt Ion: 129 Resp: 31839

Ion Ratio Lower Upper

129 100

127 76.8 55.3 102.7

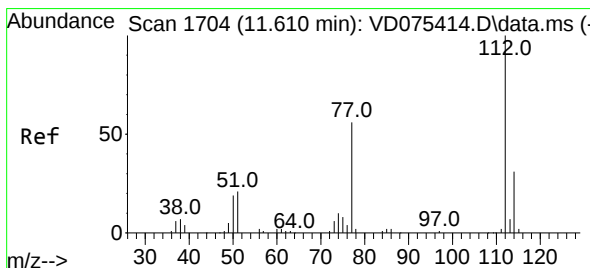
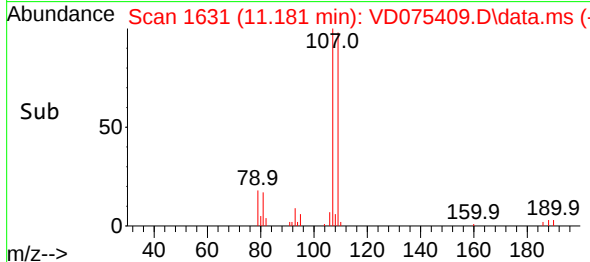
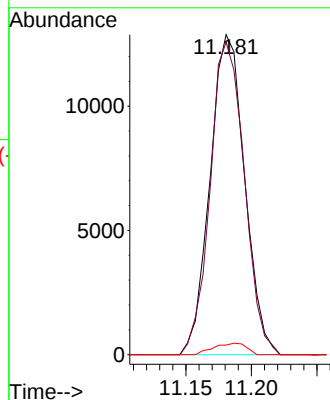
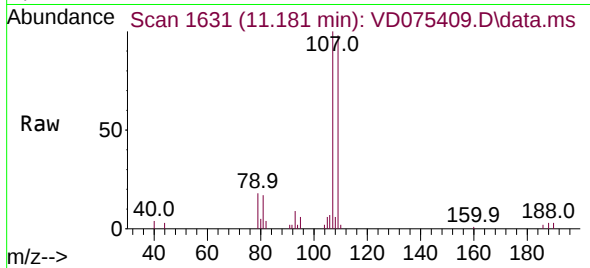




#50
1,2-Dibromoethane
Concen: 29.171 ug/L
RT: 11.181 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD075409.D
Acq: 23 Feb 2023 11:52

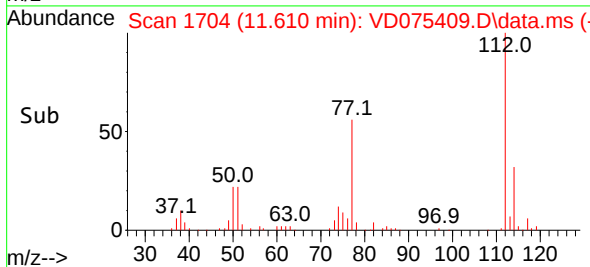
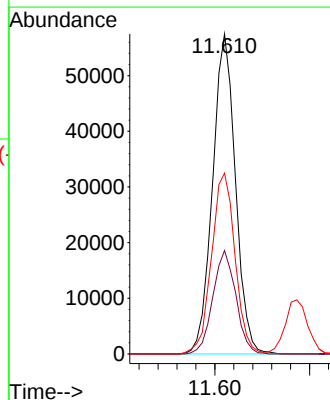
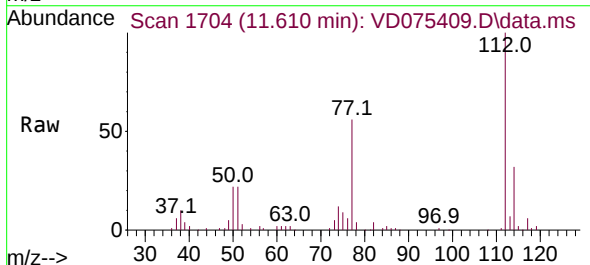
Instrument :
MSVOA_D
ClientSampleId :
VSTD025103

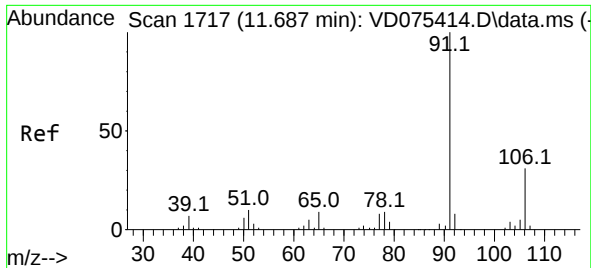
Tgt Ion:107 Resp: 23606
Ion Ratio Lower Upper
107 100
109 97.6 69.6 129.2
188 3.0 3.8 5.6#



#51
Chlorobenzene
Concen: 29.239 ug/L
RT: 11.610 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VD075409.D
Acq: 23 Feb 2023 11:52

Tgt Ion:112 Resp: 96340
Ion Ratio Lower Upper
112 100
114 32.3 21.4 39.8
77 56.5 45.1 67.7

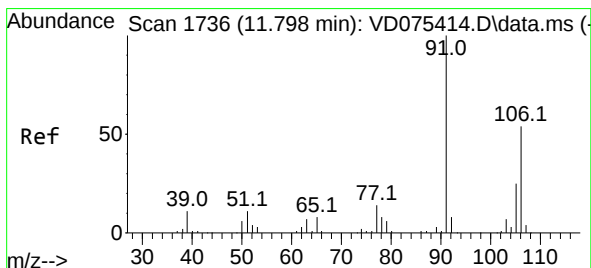
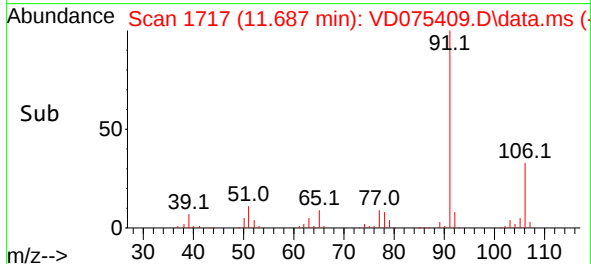
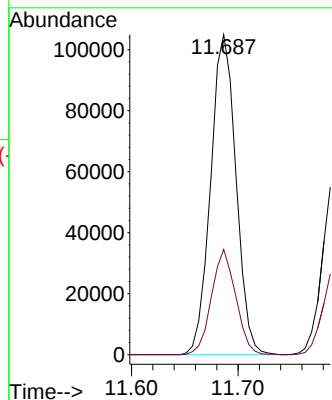
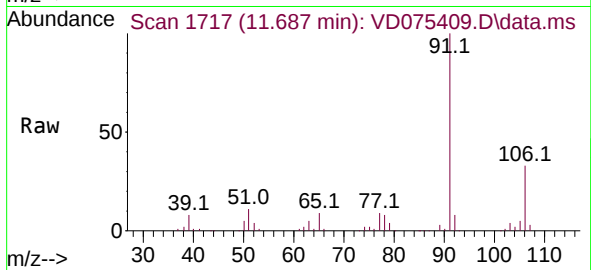




#52
Ethylbenzene
Concen: 29.622 ug/L
RT: 11.687 min Scan# 1717
Delta R.T. -0.000 min
Lab File: VD075409.D
Acq: 23 Feb 2023 11:52

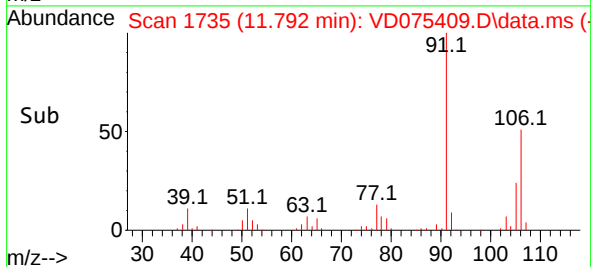
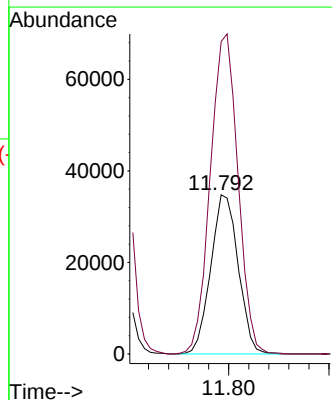
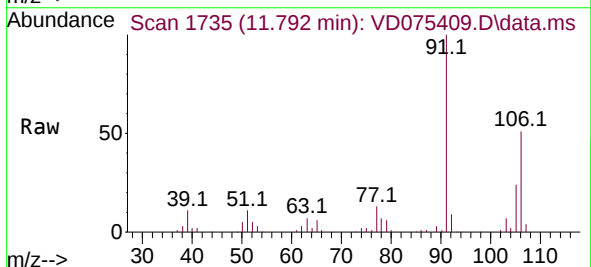
Instrument :
MSVOA_D
ClientSampleId :
VSTD025103

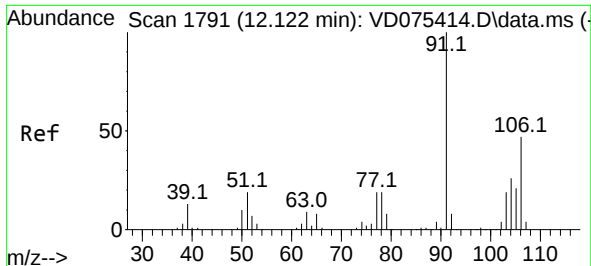
Tgt Ion: 91 Resp: 173402
Ion Ratio Lower Upper
91 100
106 32.9 21.8 40.6



#53
m,p-Xylene
Concen: 29.350 ug/L
RT: 11.792 min Scan# 1735
Delta R.T. -0.006 min
Lab File: VD075409.D
Acq: 23 Feb 2023 11:52

Tgt Ion: 106 Resp: 66181
Ion Ratio Lower Upper
106 100
91 196.2 131.2 243.6

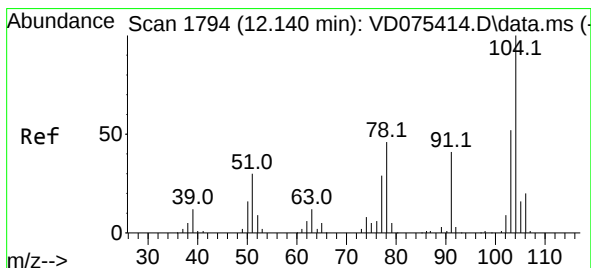
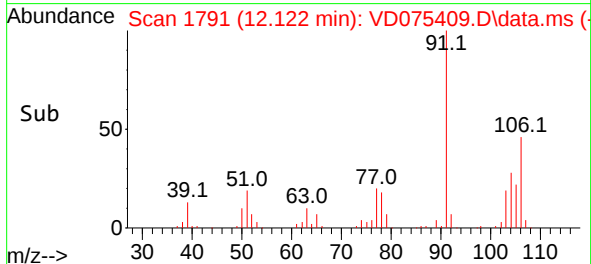
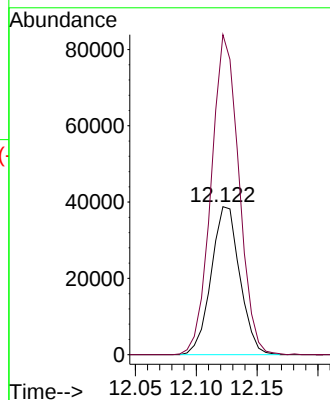
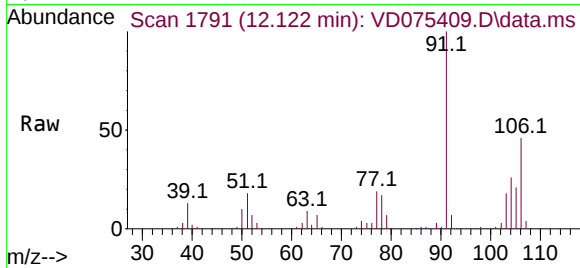




#54
o-Xylene
Concen: 30.472 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD075409.D
Acq: 23 Feb 2023 11:52

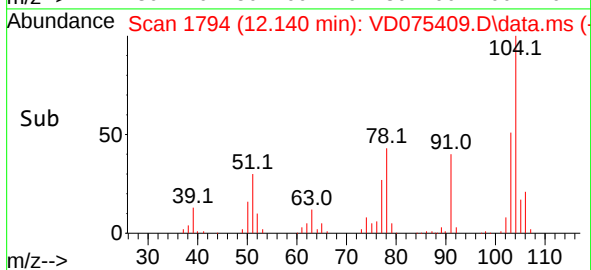
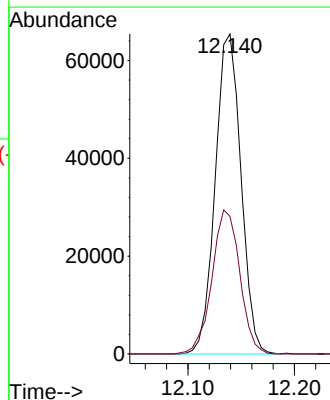
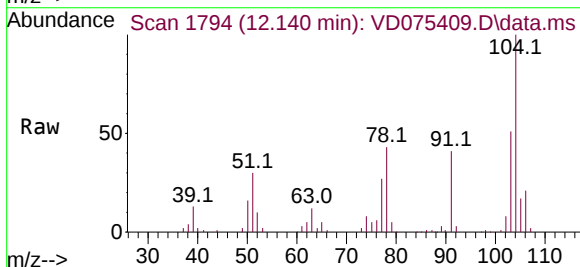
Instrument :
MSVOA_D
ClientSampleId :
VSTD025103

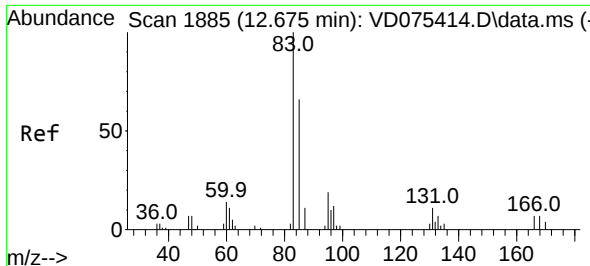
Tgt Ion:106 Resp: 63465
Ion Ratio Lower Upper
106 100
91 216.1 147.7 274.3



#55
Styrene
Concen: 30.974 ug/L
RT: 12.140 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VD075409.D
Acq: 23 Feb 2023 11:52

Tgt Ion:104 Resp: 109840
Ion Ratio Lower Upper
104 100
78 43.0 32.5 60.3





#57

1,1,2,2-Tetrachloroethane

Concen: 29.658 ug/L

RT: 12.675 min Scan# 1885

Delta R.T. -0.000 min

Lab File: VD075409.D

Acq: 23 Feb 2023 11:52

Instrument :

MSVOA_D

ClientSampleId :

VSTD025103

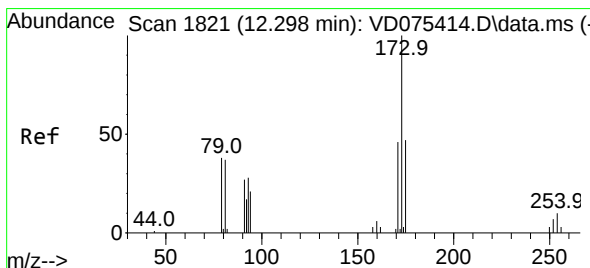
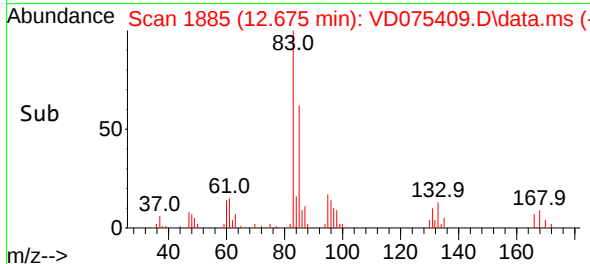
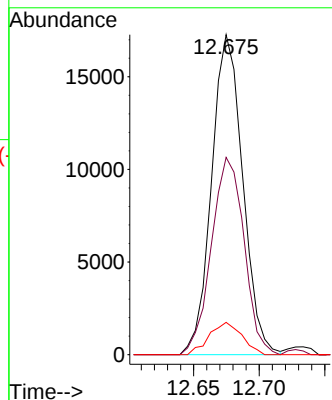
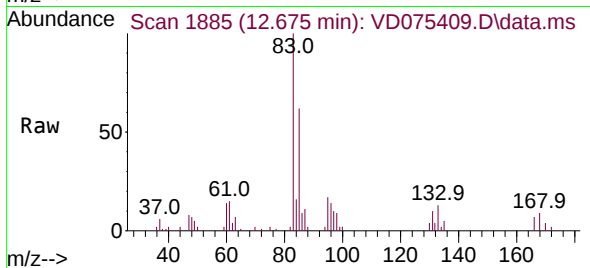
Tgt Ion: 83 Resp: 28519

Ion Ratio Lower Upper

83 100

85 61.7 45.9 85.3

131 10.1 9.0 13.6



#59

Bromoform

Concen: 31.947 ug/L

RT: 12.304 min Scan# 1822

Delta R.T. 0.006 min

Lab File: VD075409.D

Acq: 23 Feb 2023 11:52

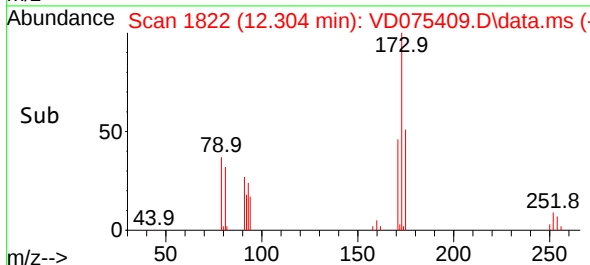
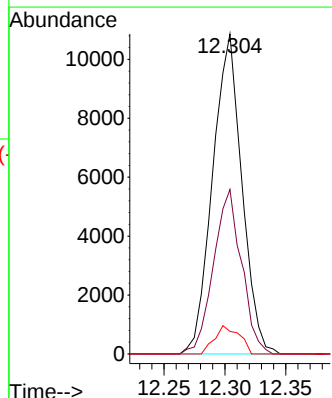
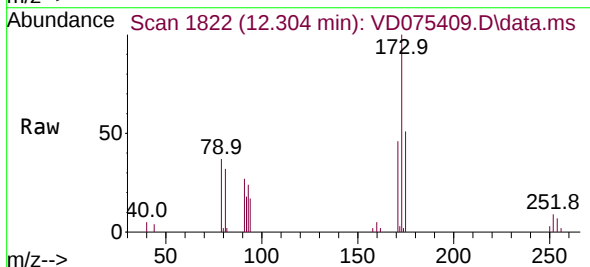
Tgt Ion: 173 Resp: 18154

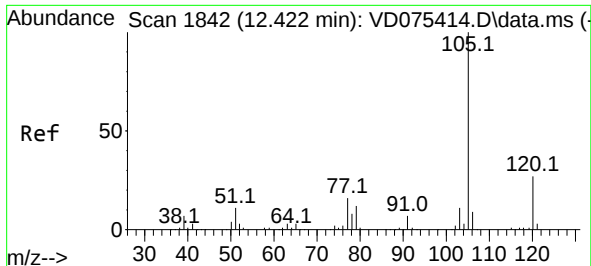
Ion Ratio Lower Upper

173 100

175 49.2 37.7 56.5

254 7.4 7.0 10.4

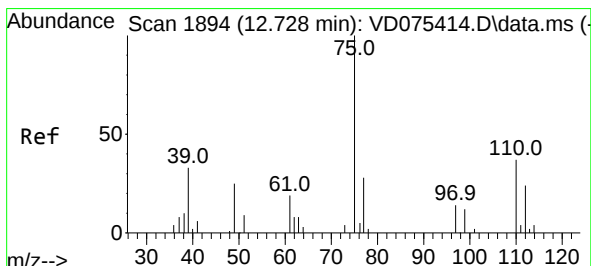
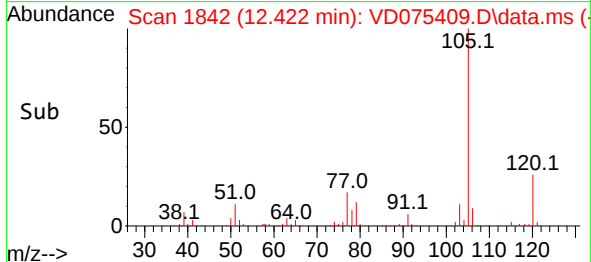
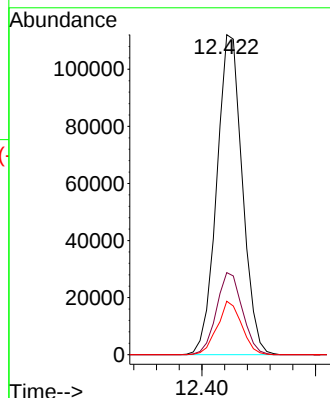
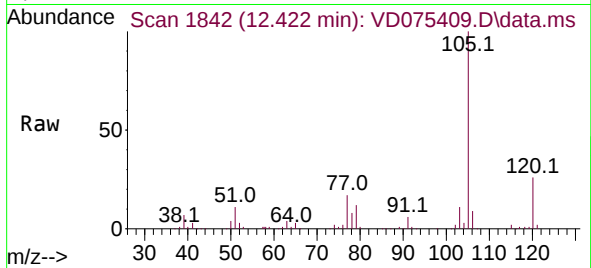




#60
Isopropylbenzene
Concen: 28.437 ug/L
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD075409.D
Acq: 23 Feb 2023 11:52

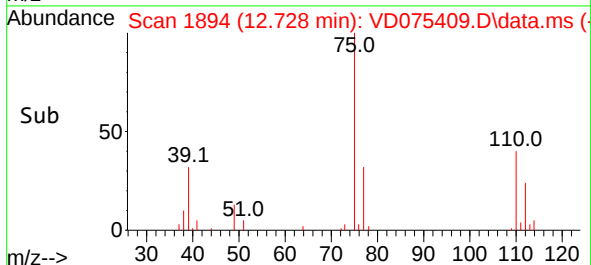
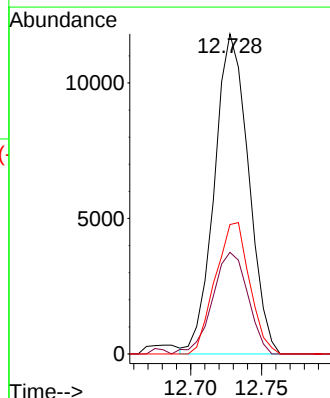
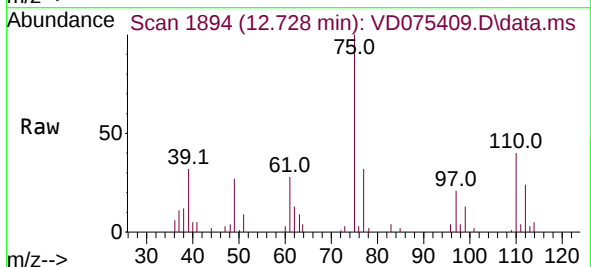
Instrument :
MSVOA_D
ClientSampleId :
VSTD025103

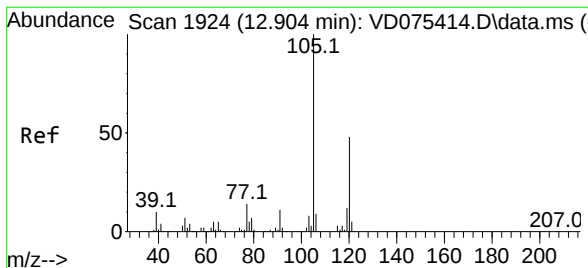
Tgt Ion:105 Resp: 175508
Ion Ratio Lower Upper
105 100
120 25.9 20.8 31.2
77 15.9 12.9 19.3



#61
1,2,3-Trichloropropane
Concen: 26.130 ug/L
RT: 12.728 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VD075409.D
Acq: 23 Feb 2023 11:52

Tgt Ion: 75 Resp: 19709
Ion Ratio Lower Upper
75 100
77 32.8 24.6 36.8
110 41.3 32.4 48.6

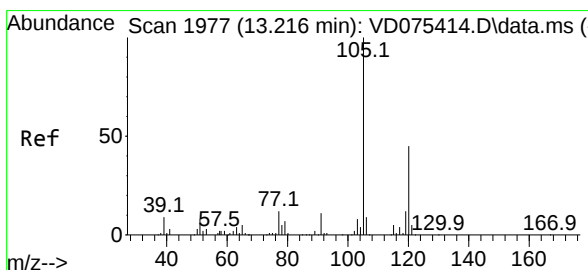
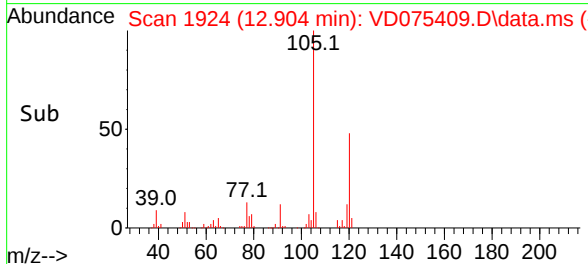
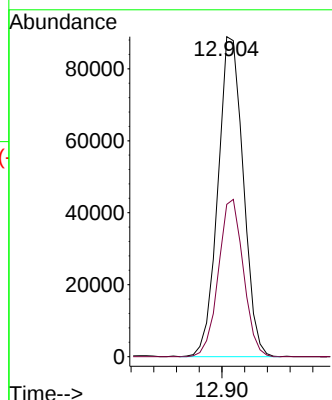
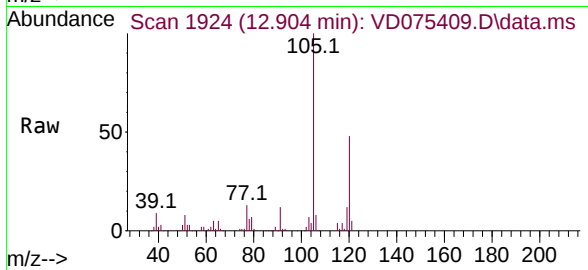




#62
 1,3,5-Trimethylbenzene
 Concen: 26.885 ug/L
 RT: 12.904 min Scan# 1924
 Delta R.T. -0.000 min
 Lab File: VD075409.D
 Acq: 23 Feb 2023 11:52

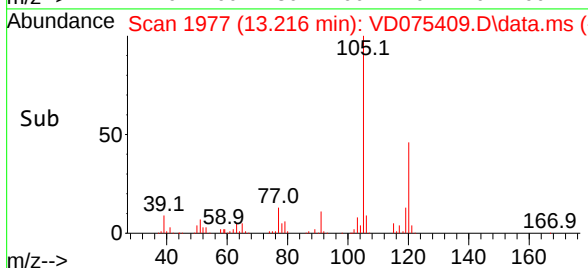
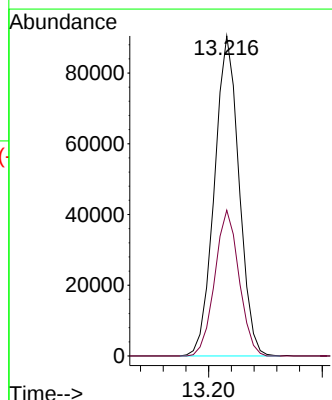
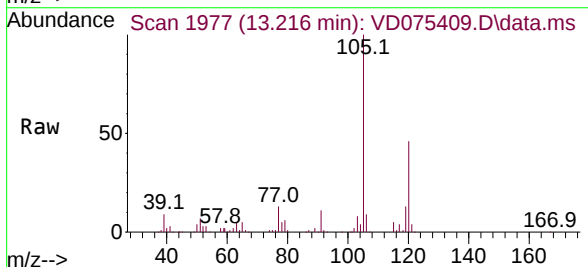
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025103

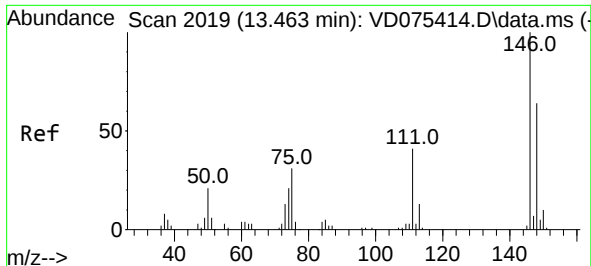
Tgt Ion:105 Resp: 137814
 Ion Ratio Lower Upper
 105 100
 120 48.3 38.6 57.8



#63
 1,2,4-Trimethylbenzene
 Concen: 26.968 ug/L
 RT: 13.216 min Scan# 1977
 Delta R.T. -0.000 min
 Lab File: VD075409.D
 Acq: 23 Feb 2023 11:52

Tgt Ion:105 Resp: 136012
 Ion Ratio Lower Upper
 105 100
 120 44.8 36.3 54.5

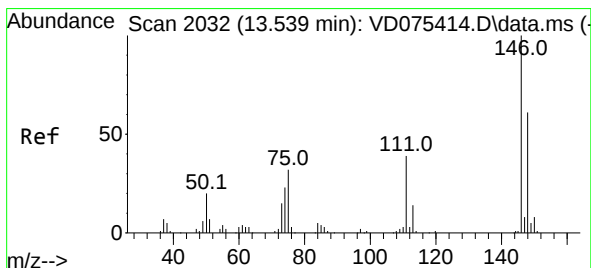
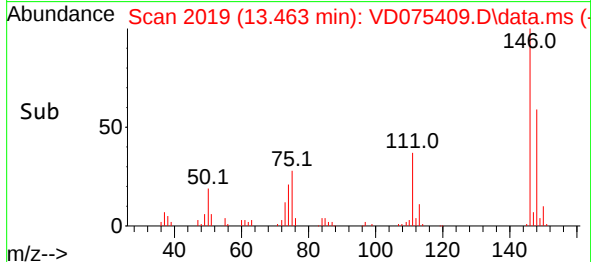
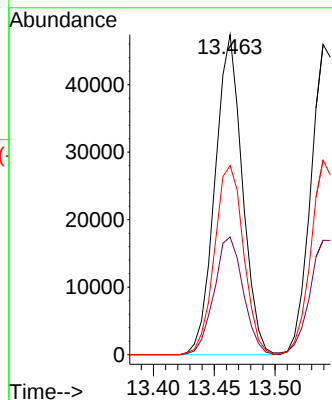
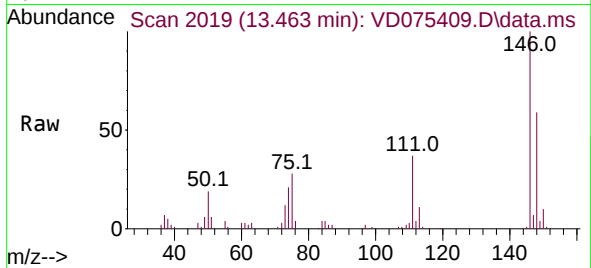




#64
1,3-Dichlorobenzene
Concen: 29.268 ug/L
RT: 13.463 min Scan# 2019
Delta R.T. 0.000 min
Lab File: VD075409.D
Acq: 23 Feb 2023 11:52

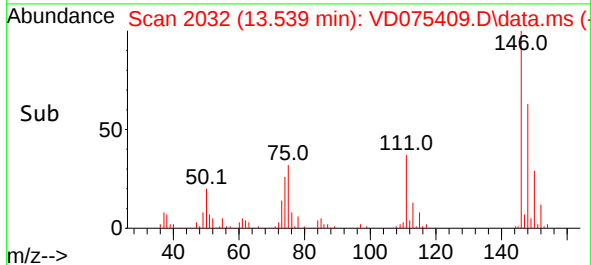
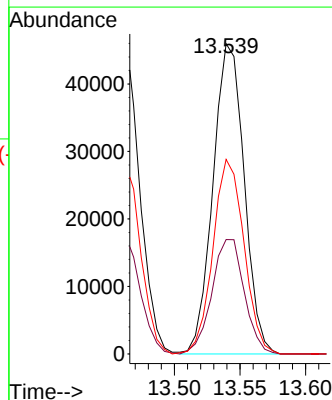
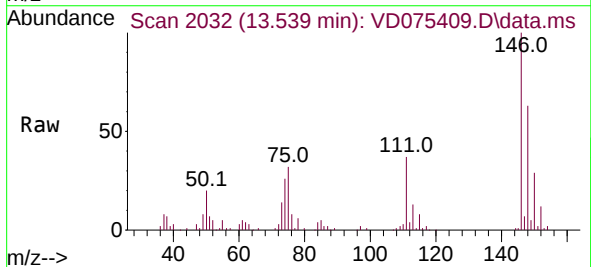
Instrument :
MSVOA_D
ClientSampleId :
VSTD025103

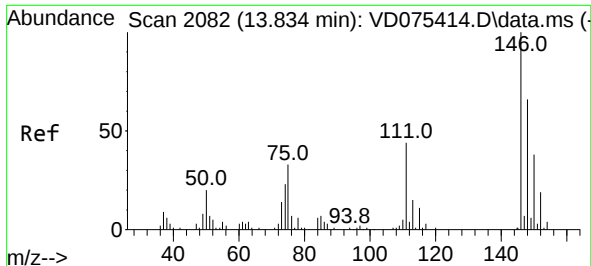
Tgt Ion:146 Resp: 74113
Ion Ratio Lower Upper
146 100
111 36.8 28.8 53.4
148 59.1 44.7 83.1



#65
1,4-Dichlorobenzene
Concen: 30.078 ug/L
RT: 13.539 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD075409.D
Acq: 23 Feb 2023 11:52

Tgt Ion:146 Resp: 75990
Ion Ratio Lower Upper
146 100
111 36.9 27.9 51.7
148 62.7 43.3 80.5





#67

1,2-Dichlorobenzene

Concen: 29.045 ug/L

RT: 13.834 min Scan# 2082

Delta R.T. 0.000 min

Lab File: VD075409.D

Acq: 23 Feb 2023 11:52

Instrument :

MSVOA_D

ClientSampleId :

VSTD025103

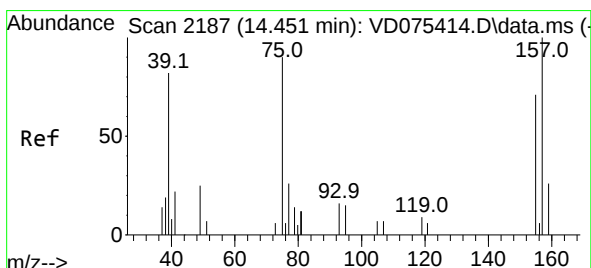
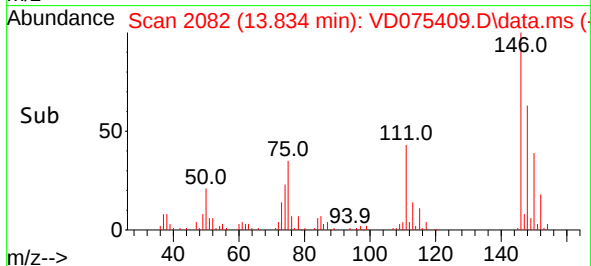
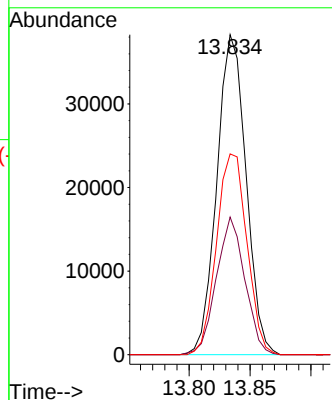
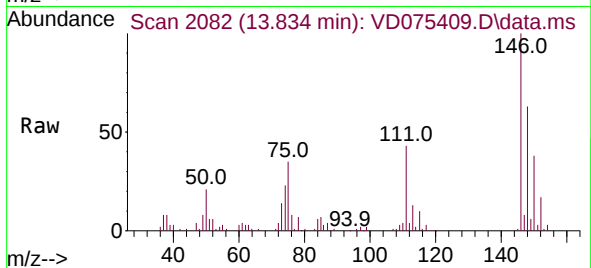
Tgt Ion:146 Resp: 63877

Ion Ratio Lower Upper

146 100

111 43.0 35.0 52.6

148 62.8 52.7 79.1



#68

1,2-Dibromo-3-chloropropane

Concen: 26.822 ug/L

RT: 14.451 min Scan# 2187

Delta R.T. 0.000 min

Lab File: VD075409.D

Acq: 23 Feb 2023 11:52

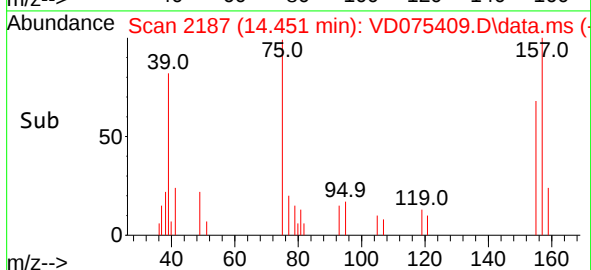
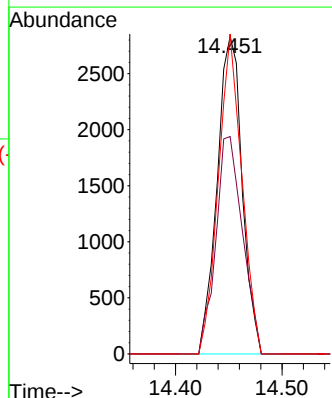
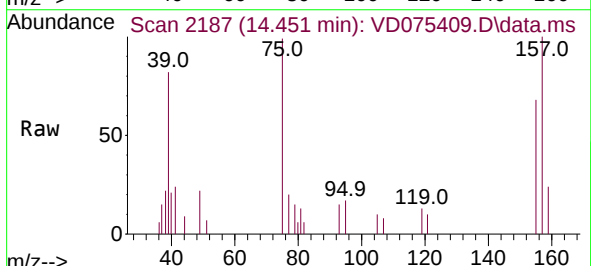
Tgt Ion: 75 Resp: 4609

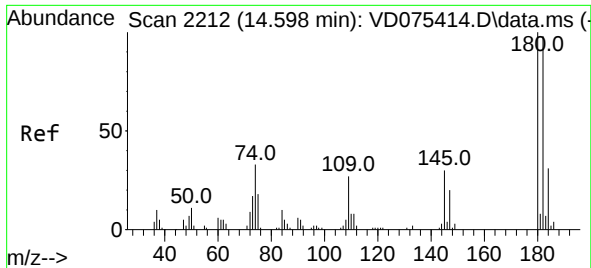
Ion Ratio Lower Upper

75 100

155 68.5 63.1 94.7

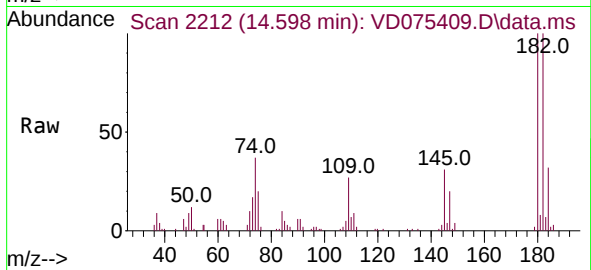
157 100.8 89.2 133.8



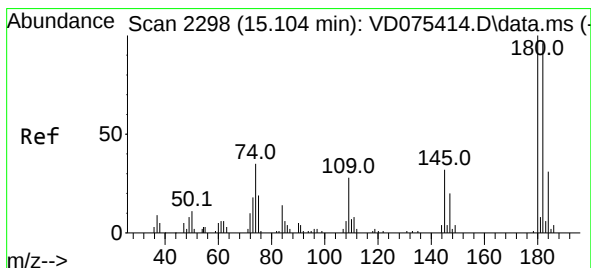
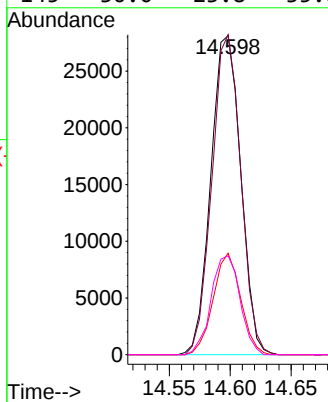
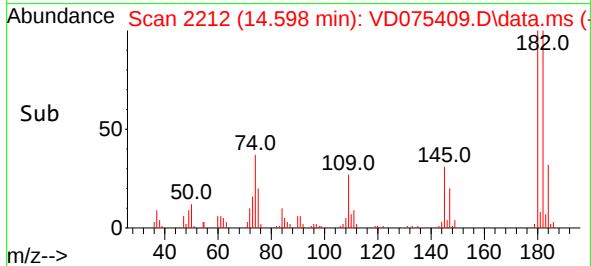


#69
1,3,5-Trichlorobenzene
Concen: 26.374 ug/L
RT: 14.598 min Scan# 2212
Delta R.T. 0.000 min
Lab File: VD075409.D
Acq: 23 Feb 2023 11:52

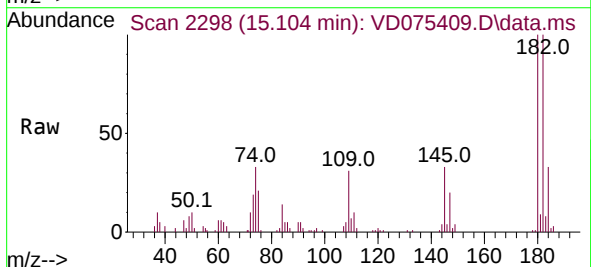
Instrument :
MSVOA_D
ClientSampleId :
VSTD025103



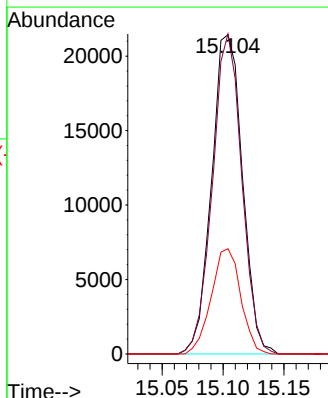
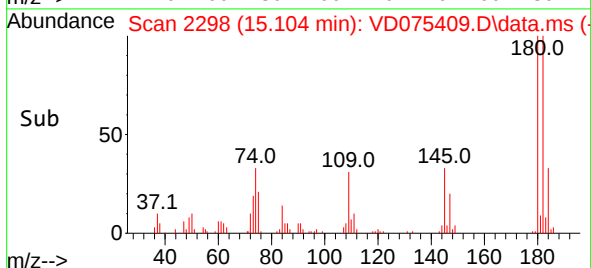
Tgt Ion:180 Resp: 47950
Ion Ratio Lower Upper
180 100
182 96.8 75.0 112.6
184 29.4 23.8 35.6
145 30.0 23.8 35.8

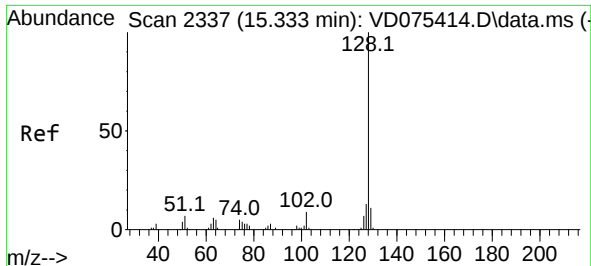


#70
1,2,4-trichlorobenzene
Concen: 24.646 ug/L
RT: 15.104 min Scan# 2298
Delta R.T. -0.000 min
Lab File: VD075409.D
Acq: 23 Feb 2023 11:52



Tgt Ion:180 Resp: 37744
Ion Ratio Lower Upper
180 100
182 95.3 77.1 115.7
145 31.6 23.8 35.6

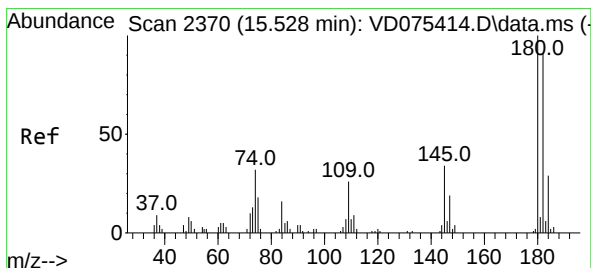
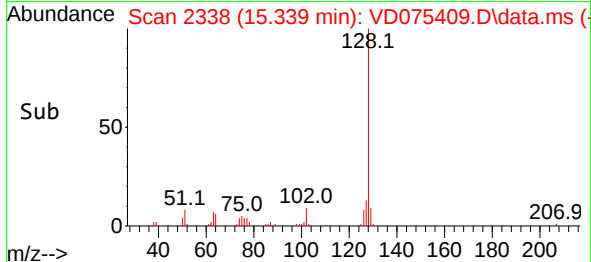
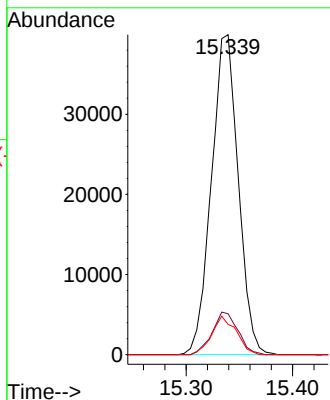
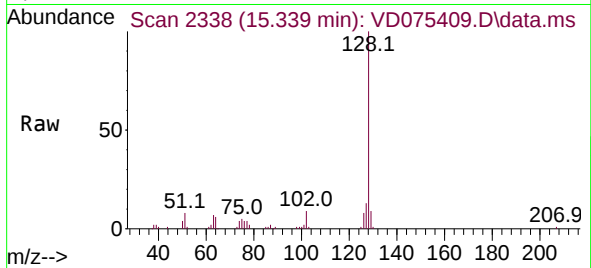




#71
Naphthalene
Concen: 23.919 ug/L
RT: 15.339 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD075409.D
Acq: 23 Feb 2023 11:52

Instrument :
MSVOA_D
ClientSampleId :
VSTD025103

Tgt Ion:	128	Resp:	69844
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.6	16.0
129	11.0	8.6	12.8



#72
1,2,3-Trichlorobenzene
Concen: 26.345 ug/L
RT: 15.528 min Scan# 2370
Delta R.T. 0.000 min
Lab File: VD075409.D
Acq: 23 Feb 2023 11:52

Tgt Ion:	180	Resp:	34233
Ion Ratio	Lower	Upper	
180	100		
182	93.3	75.4	113.2
145	32.5	26.6	39.8

