

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042023\
 Data File : VD075761.D
 Acq On : 20 Apr 2023 12:02
 Operator : KP/SY
 Sample : VSTD05026
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD050126

Quant Time: Apr 21 05:42:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Apr 21 05:40:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	391231	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	355960	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	181006	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.276	65	472308	55.031	ug/L	0.00
7) Chloroethane-d5	2.805	69	379510	51.178	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.923	65	108881	55.027	ug/L	0.00
21) 2-Butanone-d5	6.987	46	74261	99.669	ug/L	0.00
24) Chloroform-d	7.569	84	494713	50.567	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.228	65	211858	50.709	ug/L	0.00
32) Benzene-d6	8.205	84	1093344	52.699	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.210	67	293996	51.196	ug/L	0.00
41) Toluene-d8	10.269	98	1055914	54.364	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.528	79	125028	52.674	ug/L	0.00
47) 2-Hexanone-d5	10.881	63	76056	109.996	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.651	84	217059	49.396	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.816	152	320773	50.102	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	302825	56.148	ug/L	99
3) Chloromethane	2.146	50	366636	48.764	ug/L	98
5) Vinyl chloride	2.287	62	519348	52.853	ug/L	98
6) Bromomethane	2.693	94	352695	53.416	ug/L	100
8) Chloroethane	2.840	64	316564	49.813	ug/L	98
9) Trichlorofluoromethane	3.181	101	414879	52.547	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	3.970	101	282173	53.196	ug/L	99
12) 1,1-Dichloroethene	3.946	96	279134	54.263	ug/L	83
13) Acetone	4.023	43	58838	92.278	ug/L	99
14) Carbon disulfide	4.275	76	934594	52.016	ug/L	99
15) Methyl Acetate	4.670	43	356	0.258	ug/L	95
16) Methylene chloride	4.805	84	300515	37.864	ug/L	99
17) trans-1,2-Dichloroethene	5.317	96	300768	52.144	ug/L	97
18) Methyl tert-butyl Ether	5.317	73	491692	53.142	ug/L	99
19) 1,1-Dichloroethane	6.111	63	426459	50.469	ug/L	98
20) cis-1,2-Dichloroethene	7.081	96	321968	52.790	ug/L	96
22) 2-Butanone	7.081	43	86302	103.822	ug/L	99
23) Bromochloromethane	7.428	128	142949	50.538	ug/L	96
25) Chloroform	7.599	83	477856	50.459	ug/L	97
27) 1,2-Dichloroethane	8.328	62	241789	49.463	ug/L	99
29) Cyclohexane	7.875	56	363048	59.578	ug/L	98
30) 1,1,1-Trichloroethane	7.793	97	389558	51.725	ug/L	100
31) Carbon tetrachloride	7.993	117	325464	53.865	ug/L	99
33) Benzene	8.252	78	1123137	52.162	ug/L	100
34) Trichloroethene	9.028	95	290676	52.203	ug/L	97
35) Methylcyclohexane	9.275	83	500572	58.309	ug/L	98
37) 1,2-Dichloropropane	9.305	63	255102	51.578	ug/L	99
38) Bromodichloromethane	9.587	83	336358	50.437	ug/L	97
39) cis-1,3-Dichloropropene	10.016	75	422271	53.684	ug/L	97
40) 4-Methyl-2-pentanone	10.157	43	192679	106.849	ug/L	98
42) Toluene	10.334	91	1263082	54.208	ug/L	99
44) trans-1,3-Dichloropropene	10.557	75	333299	52.746	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042023\
 Data File : VD075761.D
 Acq On : 20 Apr 2023 12:02
 Operator : KP/SY
 Sample : VSTD05026
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD050126

Quant Time: Apr 21 05:42:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Apr 21 05:40:53 2023
 Response via : Initial Calibration

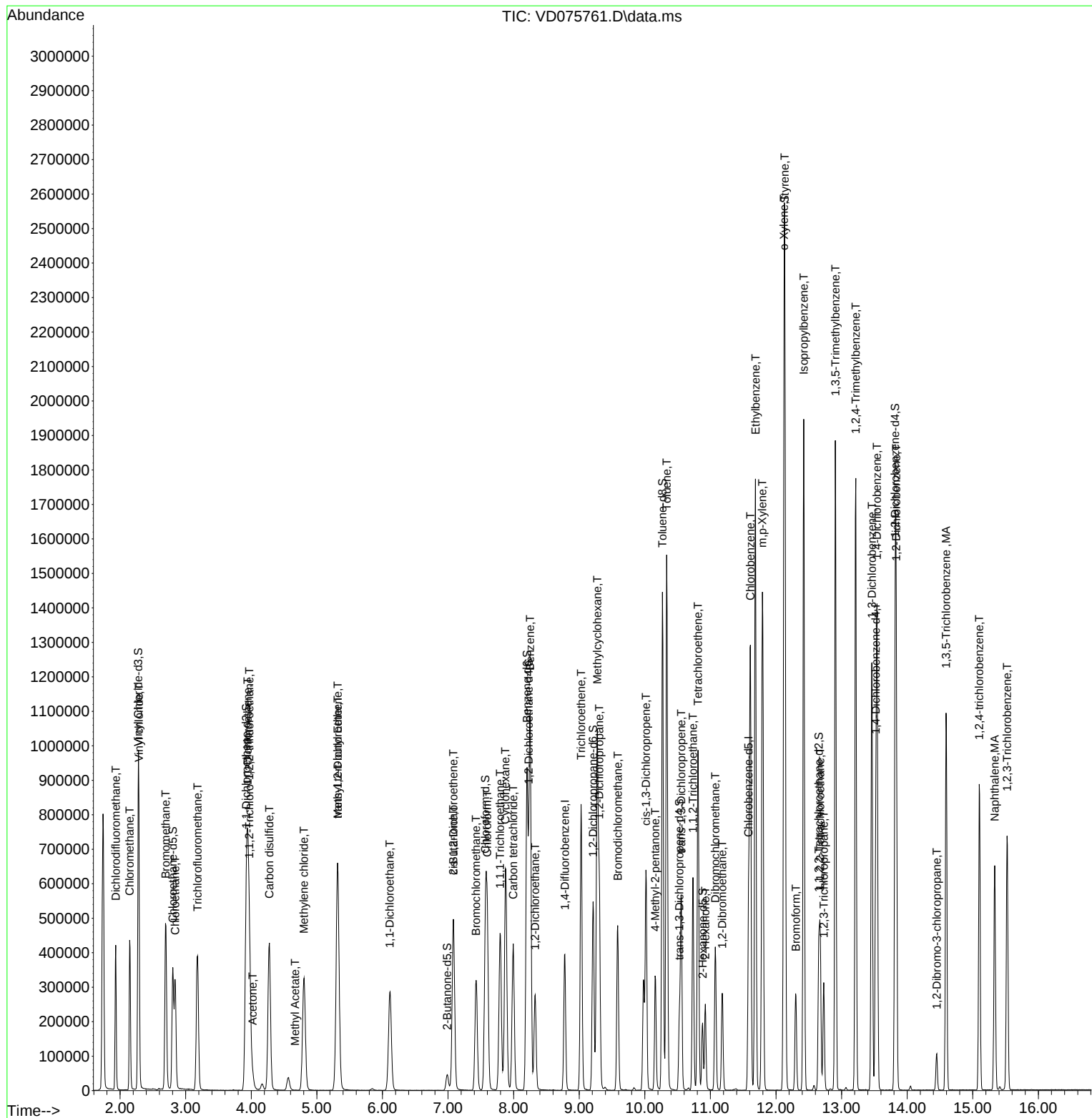
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.734	97	208045	49.443	ug/L	99
46) Tetrachloroethene	10.810	164	244786	53.598	ug/L	97
48) 2-Hexanone	10.922	43	137035	107.793	ug/L	96
49) Dibromochloromethane	11.075	129	233022	50.870	ug/L	100
50) 1,2-Dibromoethane	11.181	107	195209	51.458	ug/L	100
51) Chlorobenzene	11.610	112	789411	51.787	ug/L	100
52) Ethylbenzene	11.687	91	1314771	55.027	ug/L	100
53) m,p-Xylene	11.793	106	535354	56.269	ug/L	99
54) o-Xylene	12.122	106	505434	55.932	ug/L	99
55) Styrene	12.134	104	872253	55.459	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.675	83	212221	49.569	ug/L	98
59) Bromoform	12.304	173	134313	48.417	ug/L	99
60) Isopropylbenzene	12.422	105	1295369	53.972	ug/L	100
61) 1,2,3-Trichloropropane	12.728	75	134204	47.198	ug/L	99
62) 1,3,5-Trimethylbenzene	12.904	105	1017178	56.835	ug/L	100
63) 1,2,4-Trimethylbenzene	13.216	105	973319	56.417	ug/L	99
64) 1,3-Dichlorobenzene	13.463	146	587776	51.183	ug/L	98
65) 1,4-Dichlorobenzene	13.540	146	593088	49.209	ug/L	99
67) 1,2-Dichlorobenzene	13.834	146	516881	50.401	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.451	75	26444	46.521	ug/L	95
69) 1,3,5-Trichlorobenzene	14.593	180	365671	47.507	ug/L	99
70) 1,2,4-trichlorobenzene	15.098	180	302281	47.389	ug/L	99
71) Naphthalene	15.334	128	594700	50.947	ug/L	99
72) 1,2,3-Trichlorobenzene	15.522	180	269590	47.348	ug/L	99

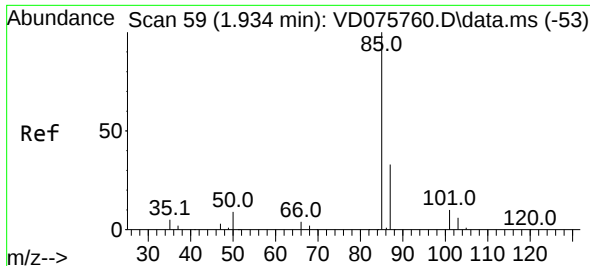
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042023\
 Data File : VD075761.D
 Acq On : 20 Apr 2023 12:02
 Operator : KP/SY
 Sample : VSTD05026
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD050126

Quant Time: Apr 21 05:42:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Apr 21 05:40:53 2023
 Response via : Initial Calibration

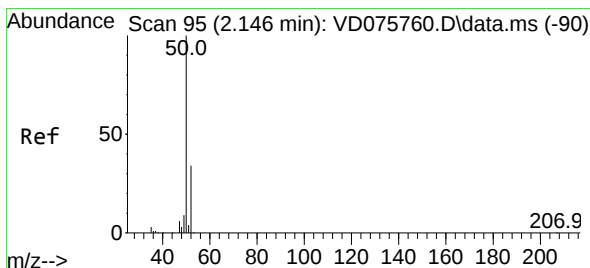
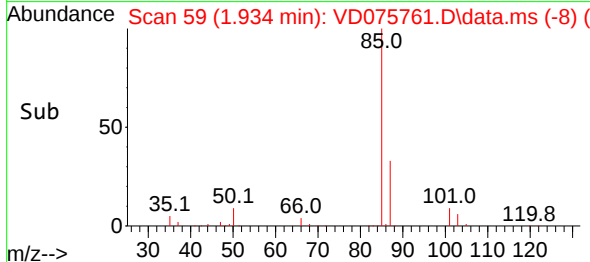
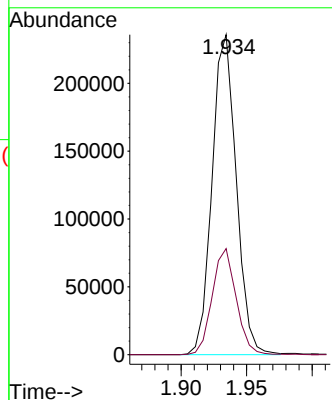
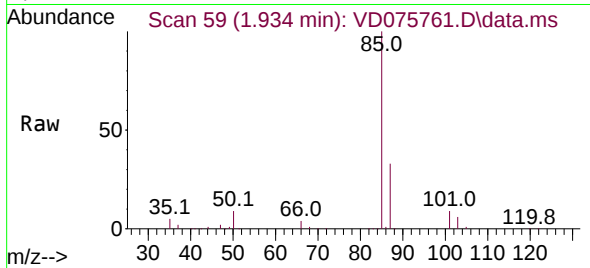




#2
 Dichlorodifluoromethane
 Concen: 56.148 ug/L
 RT: 1.934 min Scan# 59
 Delta R.T. 0.000 min
 Lab File: VD075761.D
 Acq: 20 Apr 2023 12:02

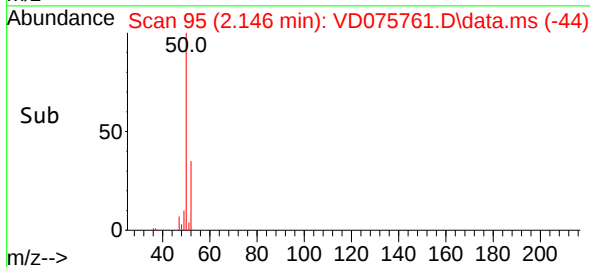
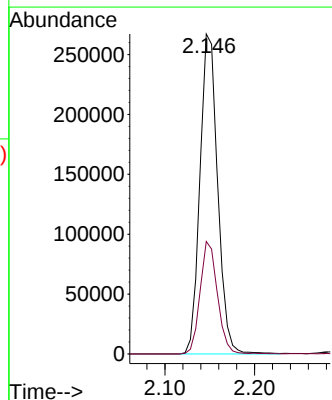
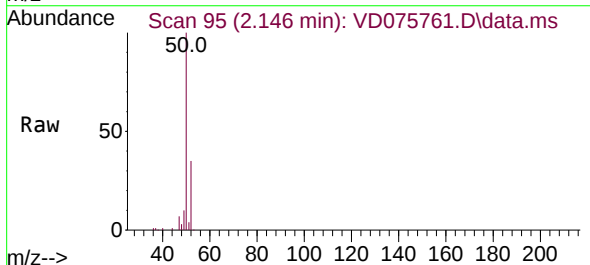
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD050126

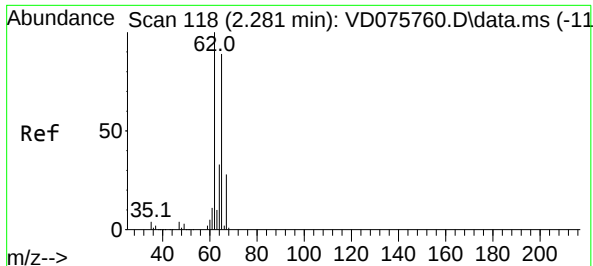
Tgt Ion: 85 Resp: 302825
 Ion Ratio Lower Upper
 85 100
 87 32.9 25.8 38.8



#3
 Chloromethane
 Concen: 48.764 ug/L
 RT: 2.146 min Scan# 95
 Delta R.T. 0.000 min
 Lab File: VD075761.D
 Acq: 20 Apr 2023 12:02

Tgt Ion: 50 Resp: 366636
 Ion Ratio Lower Upper
 50 100
 52 35.1 23.7 44.1

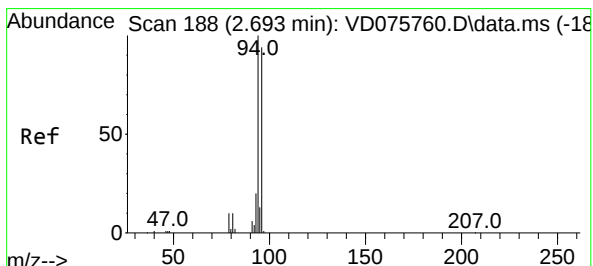
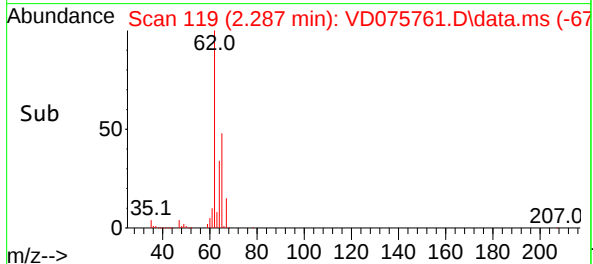
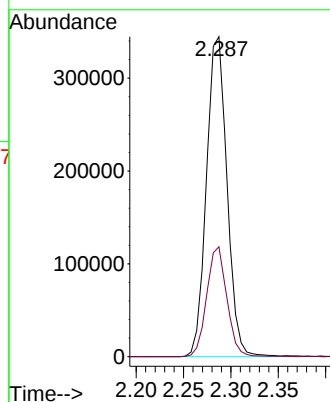
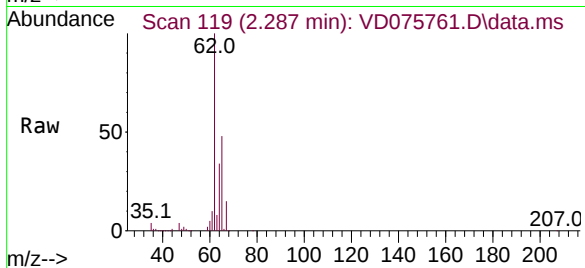




#5
 Vinyl chloride
 Concen: 52.853 ug/L
 RT: 2.287 min Scan# 118
 Delta R.T. 0.006 min
 Lab File: VD075761.D
 Acq: 20 Apr 2023 12:02

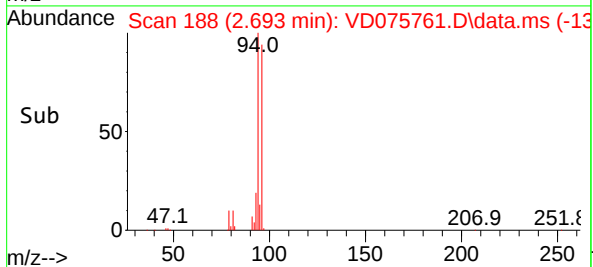
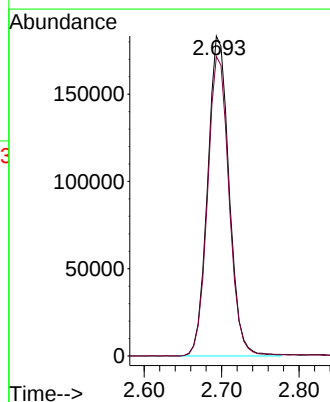
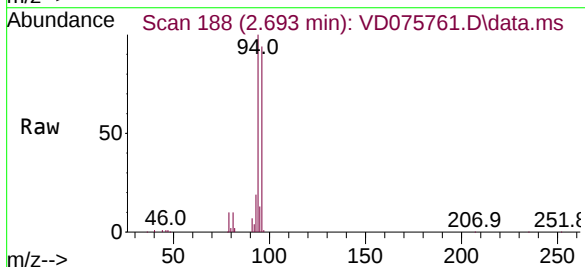
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD050126

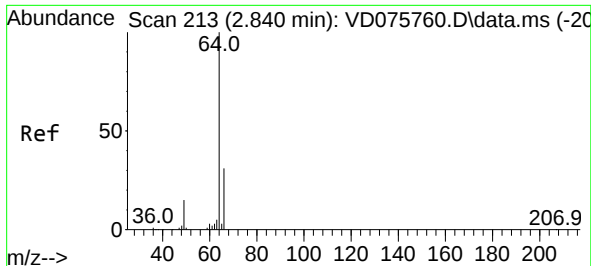
Tgt Ion: 62 Resp: 519348
 Ion Ratio Lower Upper
 62 100
 64 34.3 23.2 43.0



#6
 Bromomethane
 Concen: 53.416 ug/L
 RT: 2.693 min Scan# 188
 Delta R.T. 0.000 min
 Lab File: VD075761.D
 Acq: 20 Apr 2023 12:02

Tgt Ion: 94 Resp: 352695
 Ion Ratio Lower Upper
 94 100
 96 93.6 65.7 121.9

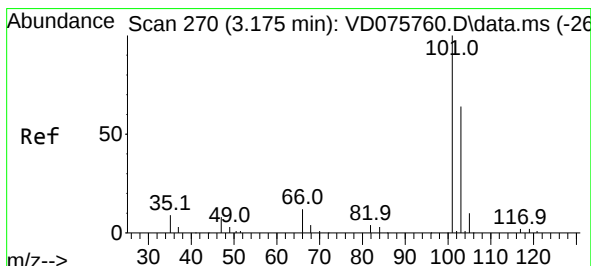
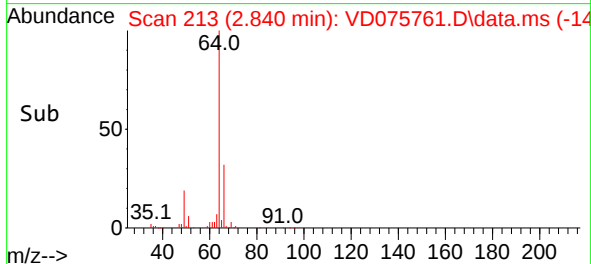
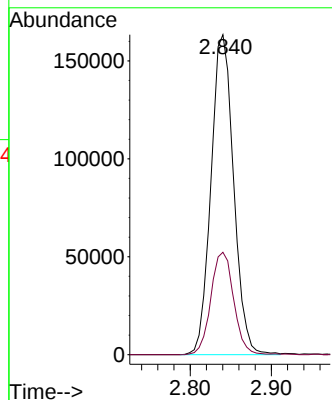
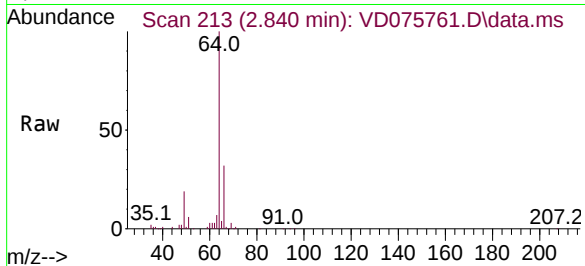




#8
Chloroethane
Concen: 49.813 ug/L
RT: 2.840 min Scan# 213
Delta R.T. 0.000 min
Lab File: VD075761.D
Acq: 20 Apr 2023 12:02

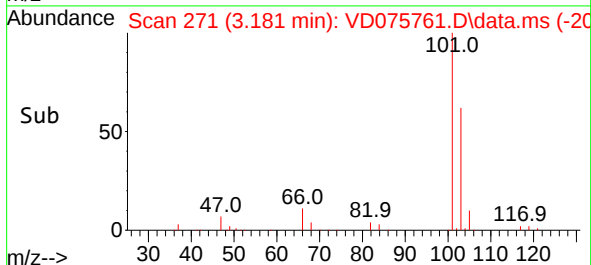
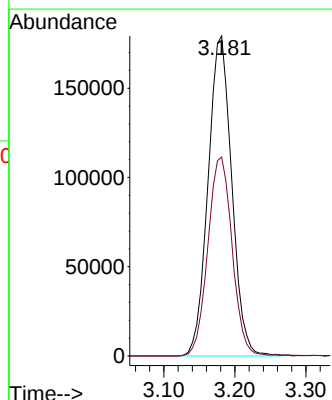
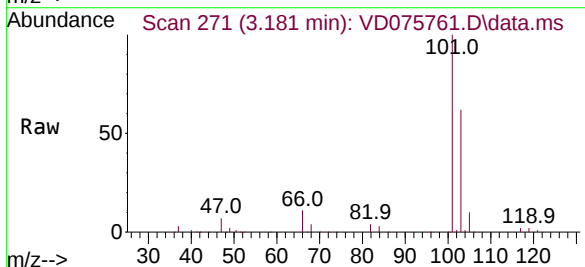
Instrument :
MSVOA_D
ClientSampleId :
VSTD050126

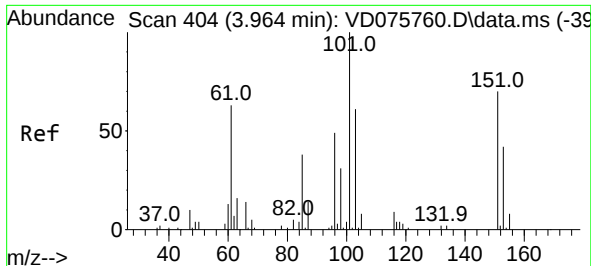
Tgt Ion: 64 Resp: 316564
Ion Ratio Lower Upper
64 100
66 32.0 21.8 40.4



#9
Trichlorofluoromethane
Concen: 52.547 ug/L
RT: 3.181 min Scan# 271
Delta R.T. 0.006 min
Lab File: VD075761.D
Acq: 20 Apr 2023 12:02

Tgt Ion: 101 Resp: 414879
Ion Ratio Lower Upper
101 100
103 63.6 52.2 78.4

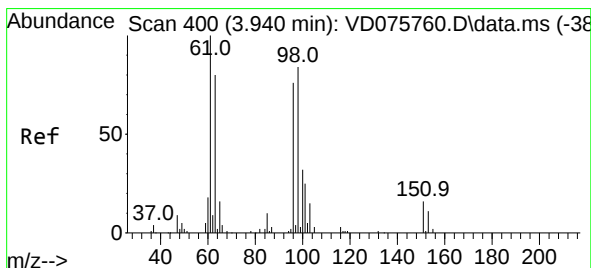
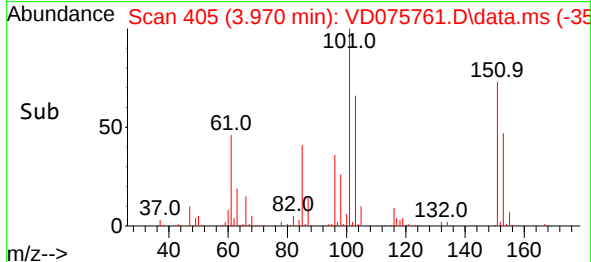
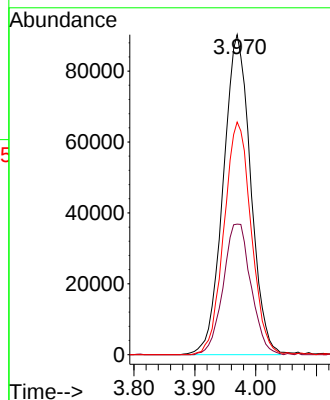
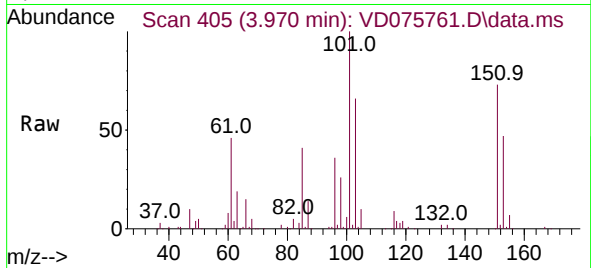




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 53.196 ug/L
 RT: 3.970 min Scan# 405
 Delta R.T. 0.006 min
 Lab File: VD075761.D
 Acq: 20 Apr 2023 12:02

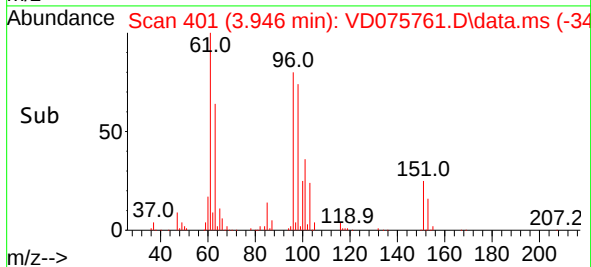
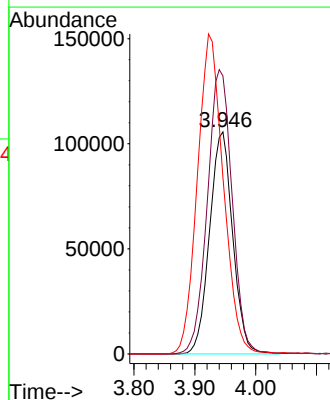
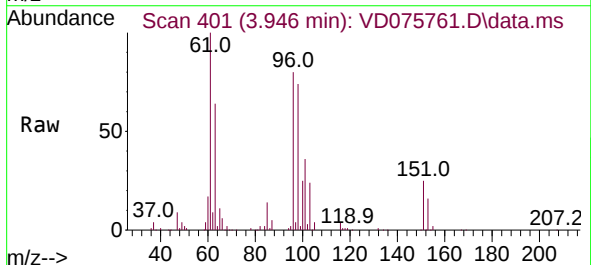
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD050126

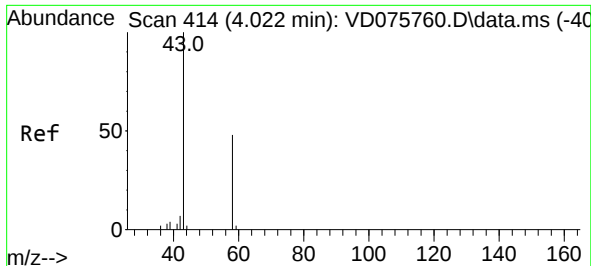
Tgt Ion:101 Resp: 282173
 Ion Ratio Lower Upper
 101 100
 85 41.3 32.9 49.3
 151 72.0 57.2 85.8



#12
 1,1-Dichloroethene
 Concen: 54.263 ug/L
 RT: 3.946 min Scan# 401
 Delta R.T. 0.006 min
 Lab File: VD075761.D
 Acq: 20 Apr 2023 12:02

Tgt Ion: 96 Resp: 279134
 Ion Ratio Lower Upper
 96 100
 61 125.2 92.6 172.0
 63 79.6 77.4 143.8





#13

Acetone

Concen: 92.278 ug/L

RT: 4.023 min Scan# 414

Delta R.T. 0.000 min

Lab File: VD075761.D

Acq: 20 Apr 2023 12:02

Instrument :

MSVOA_D

ClientSampleId :

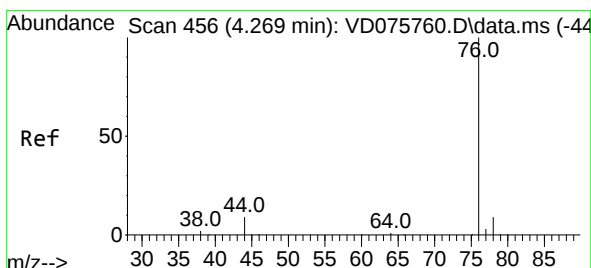
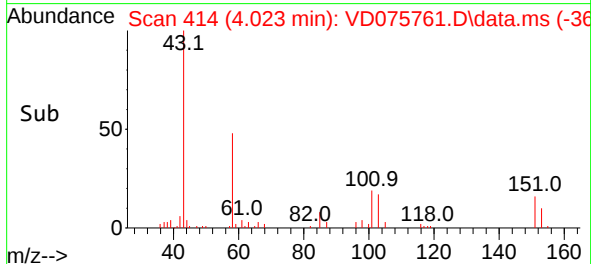
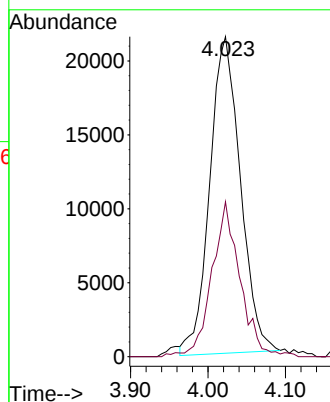
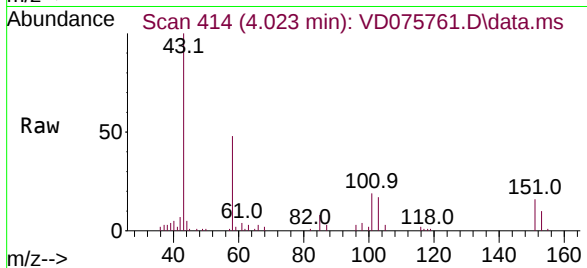
VSTD050126

Tgt Ion: 43 Resp: 58838

Ion Ratio Lower Upper

43 100

58 44.2 0.0 87.4



#14

Carbon disulfide

Concen: 52.016 ug/L

RT: 4.275 min Scan# 457

Delta R.T. 0.006 min

Lab File: VD075761.D

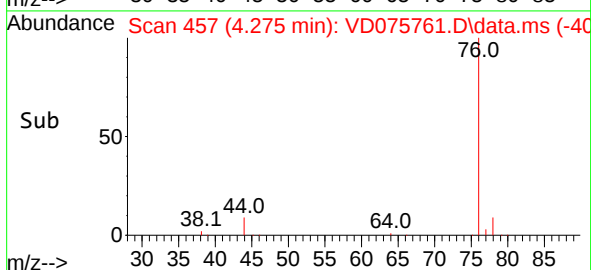
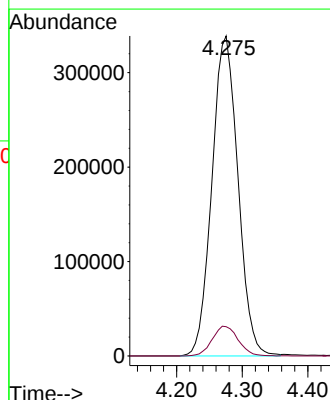
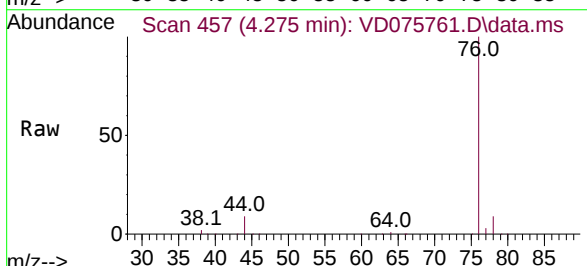
Acq: 20 Apr 2023 12:02

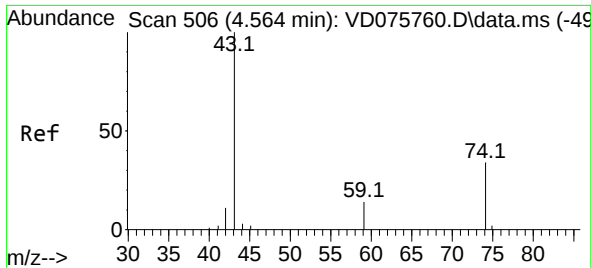
Tgt Ion: 76 Resp: 934594

Ion Ratio Lower Upper

76 100

78 9.1 7.0 10.6

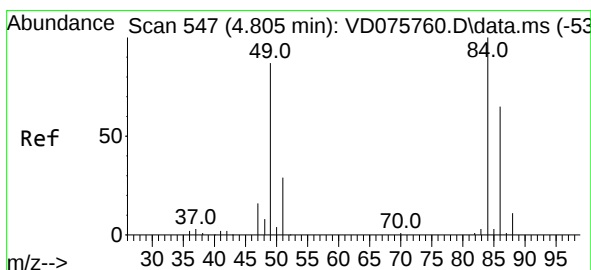
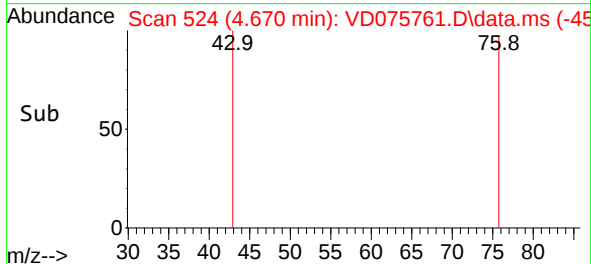
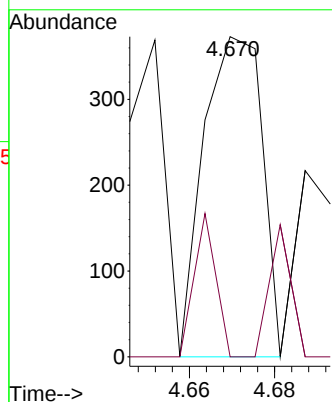
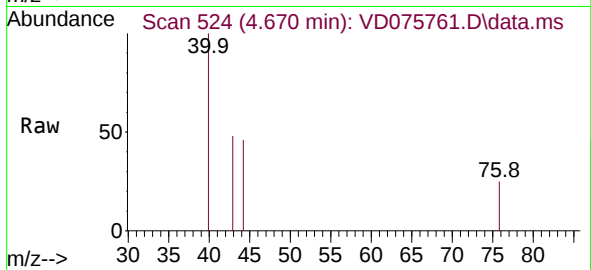




#15
Methyl Acetate
Concen: 0.258 ug/L
RT: 4.670 min Scan# 51
Delta R.T. 0.106 min
Lab File: VD075761.D
Acq: 20 Apr 2023 12:02

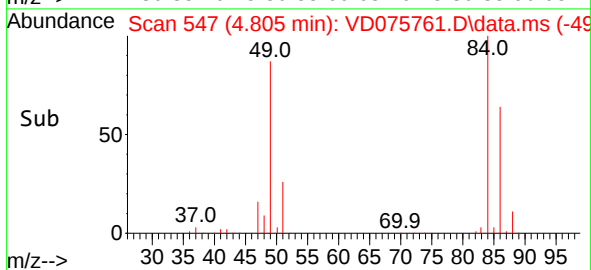
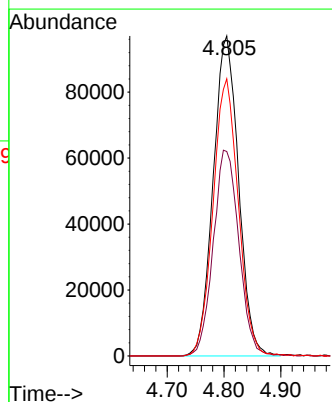
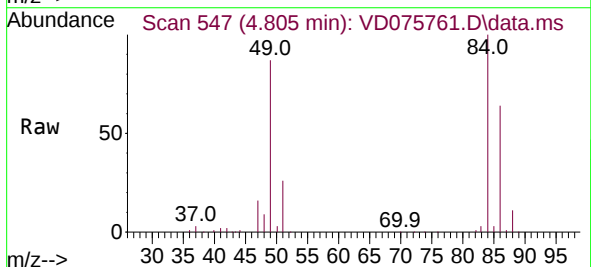
Instrument :
MSVOA_D
ClientSampleId :
VSTD050126

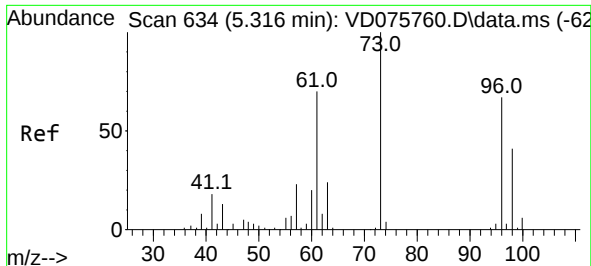
Tgt Ion: 43 Resp: 356
Ion Ratio Lower Upper
43 100
74 18.0 12.8 19.2



#16
Methylene chloride
Concen: 37.864 ug/L
RT: 4.805 min Scan# 547
Delta R.T. 0.000 min
Lab File: VD075761.D
Acq: 20 Apr 2023 12:02

Tgt Ion: 84 Resp: 300515
Ion Ratio Lower Upper
84 100
86 63.9 45.8 85.2
49 86.6 60.8 112.8





#17

trans-1,2-Dichloroethene

Concen: 52.144 ug/L

RT: 5.317 min Scan# 61

Delta R.T. 0.000 min

Lab File: VD075761.D

Acq: 20 Apr 2023 12:02

Instrument :

MSVOA_D

ClientSampleId :

VSTD050126

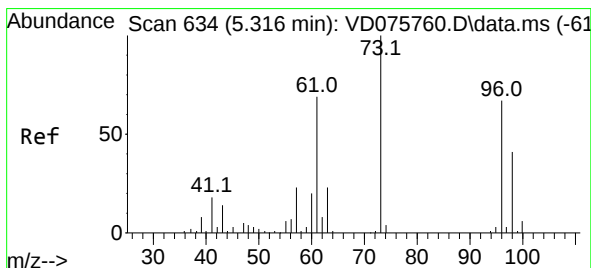
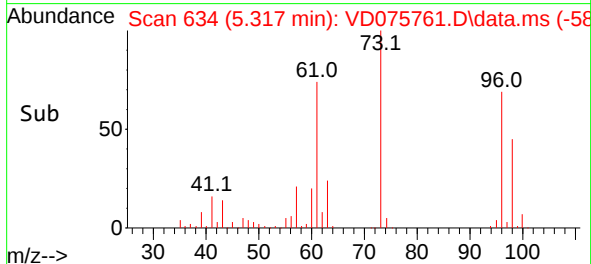
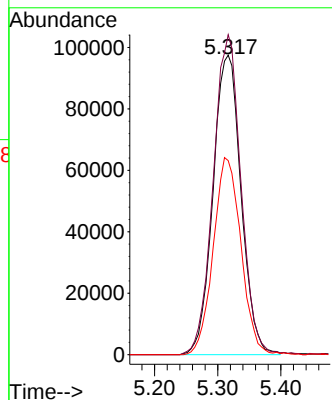
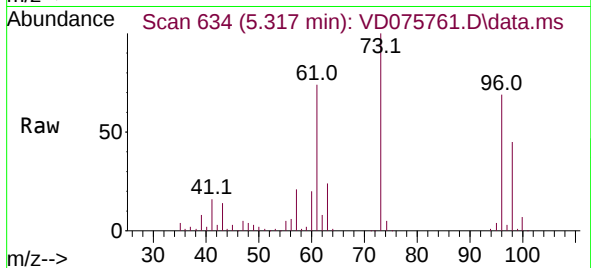
Tgt Ion: 96 Resp: 300768

Ion Ratio Lower Upper

96 100

61 106.8 72.9 135.5

98 64.8 43.0 79.8



#18

Methyl tert-butyl Ether

Concen: 53.142 ug/L

RT: 5.317 min Scan# 634

Delta R.T. 0.000 min

Lab File: VD075761.D

Acq: 20 Apr 2023 12:02

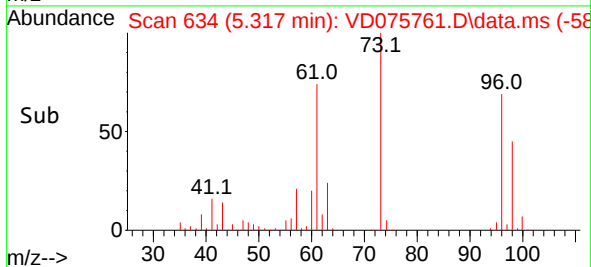
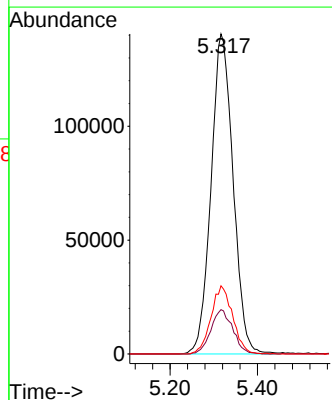
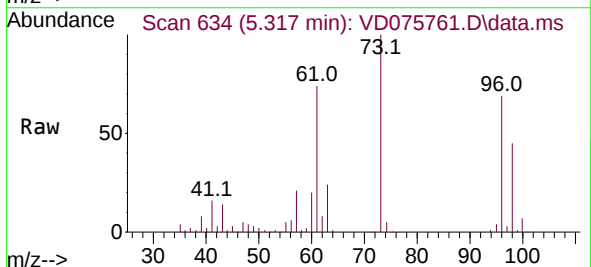
Tgt Ion: 73 Resp: 491692

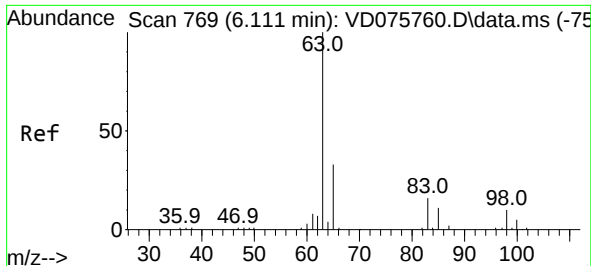
Ion Ratio Lower Upper

73 100

43 13.7 11.3 16.9

57 20.9 16.3 24.5





#19

1,1-Dichloroethane

Concen: 50.469 ug/L

RT: 6.111 min Scan# 769

Delta R.T. 0.000 min

Lab File: VD075761.D

Acq: 20 Apr 2023 12:02

Instrument :

MSVOA_D

ClientSampleId :

VSTD050126

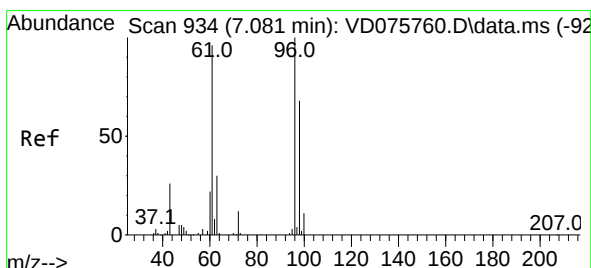
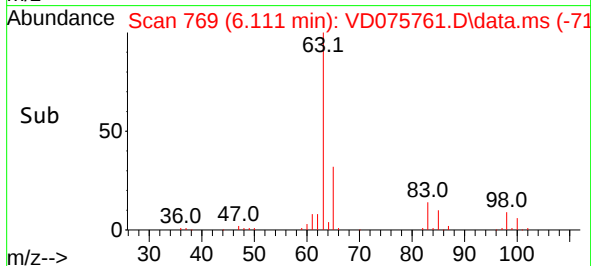
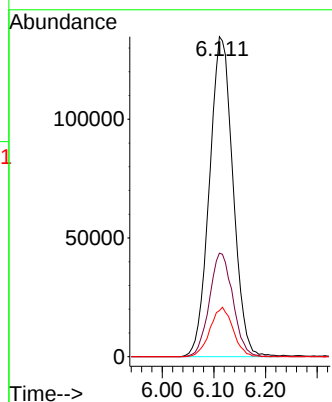
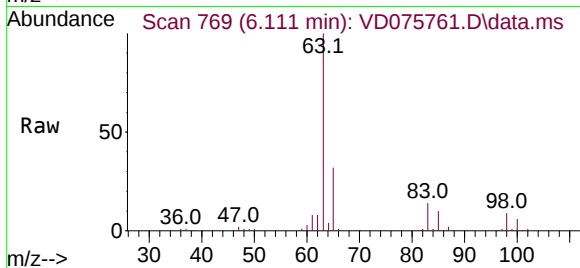
Tgt Ion: 63 Resp: 426459

Ion Ratio Lower Upper

63 100

65 32.4 22.8 42.4

83 14.4 11.2 20.8



#20

cis-1,2-Dichloroethene

Concen: 52.790 ug/L

RT: 7.081 min Scan# 934

Delta R.T. 0.000 min

Lab File: VD075761.D

Acq: 20 Apr 2023 12:02

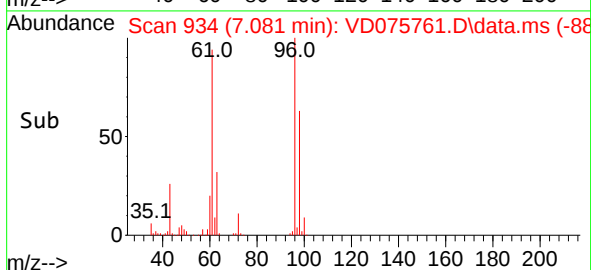
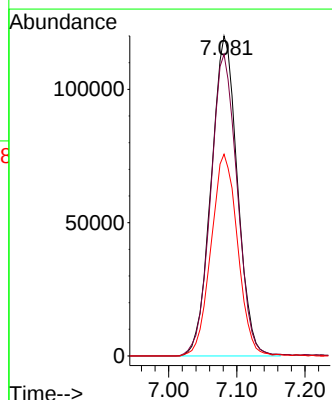
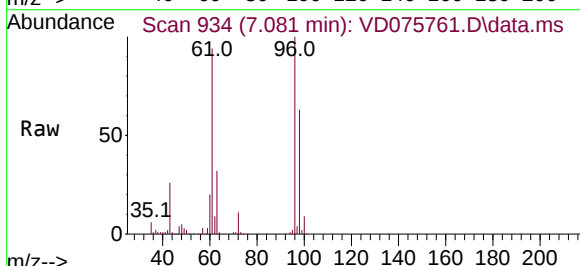
Tgt Ion: 96 Resp: 321968

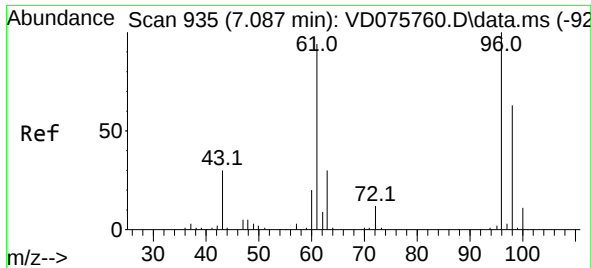
Ion Ratio Lower Upper

96 100

61 94.3 67.5 125.3

98 63.1 47.5 88.1

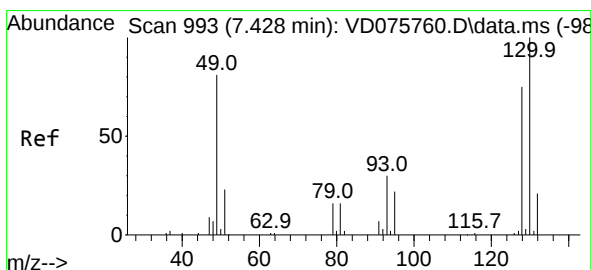
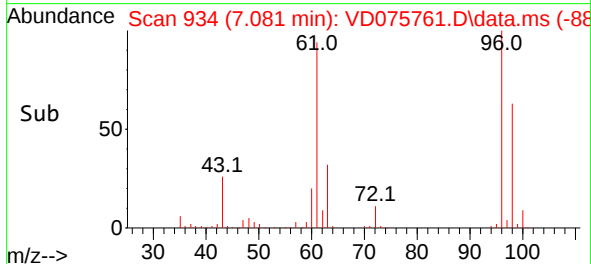
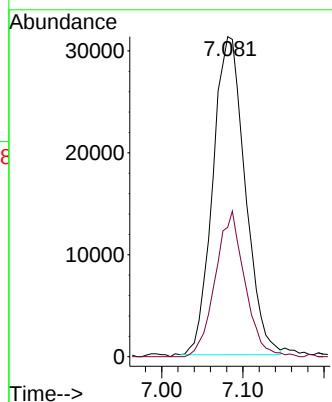
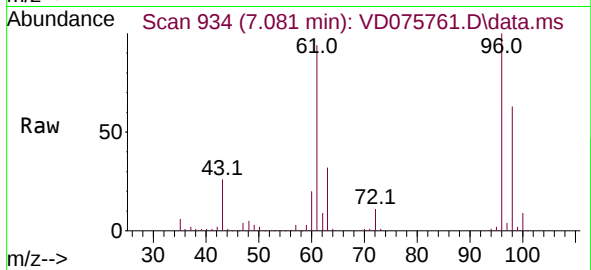




#22
2-Butanone
Concen: 103.822 ug/L
RT: 7.081 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD075761.D
Acq: 20 Apr 2023 12:02

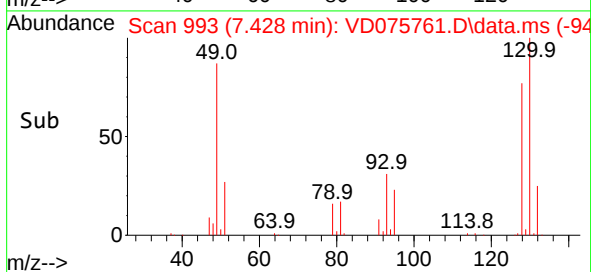
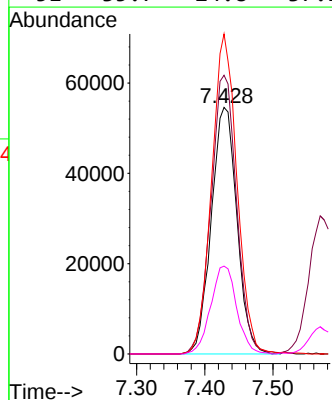
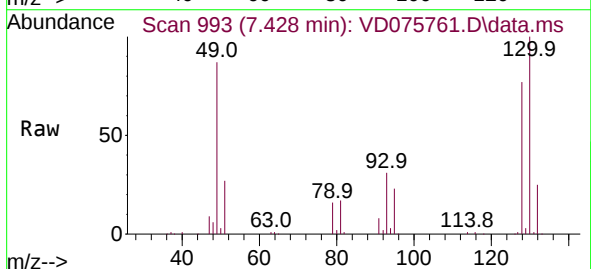
Instrument :
MSVOA_D
ClientSampleId :
VSTD050126

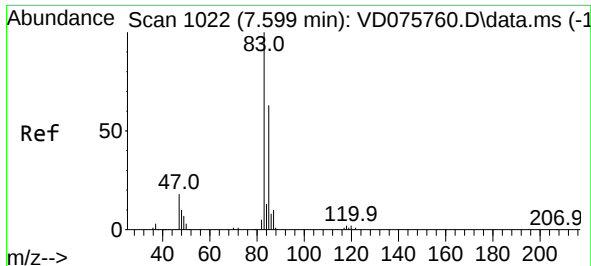
Tgt Ion: 43 Resp: 86302
Ion Ratio Lower Upper
43 100
72 41.6 20.5 61.5



#23
Bromochloromethane
Concen: 50.538 ug/L
RT: 7.428 min Scan# 993
Delta R.T. 0.000 min
Lab File: VD075761.D
Acq: 20 Apr 2023 12:02

Tgt Ion:128 Resp: 142949
Ion Ratio Lower Upper
128 100
49 113.1 76.4 142.0
130 129.8 93.5 173.7
51 35.7 24.8 37.2

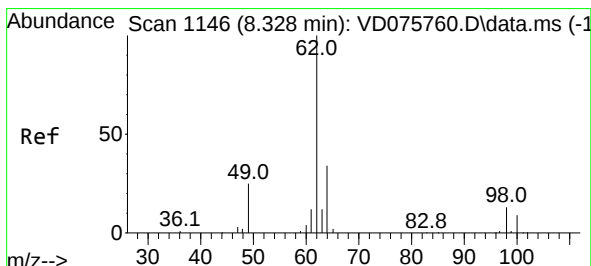
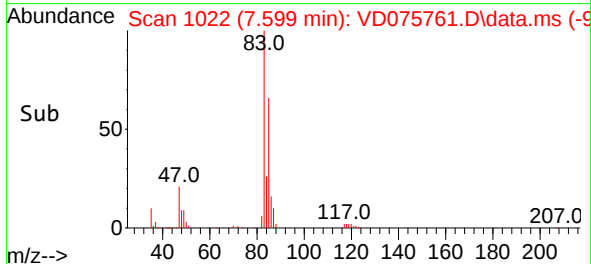
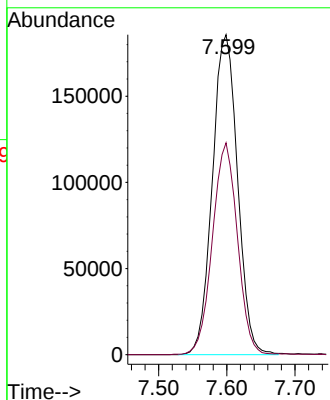
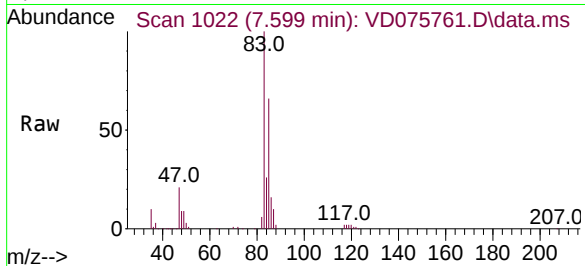




#25
Chloroform
Concen: 50.459 ug/L
RT: 7.599 min Scan# 1022
Delta R.T. 0.000 min
Lab File: VD075761.D
Acq: 20 Apr 2023 12:02

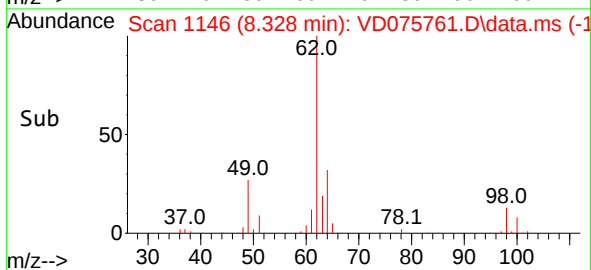
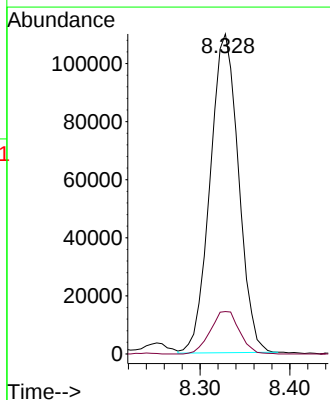
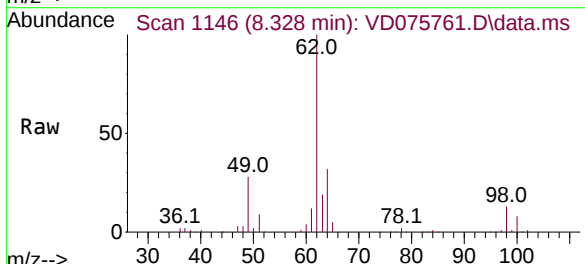
Instrument :
MSVOA_D
ClientSampleId :
VSTD050126

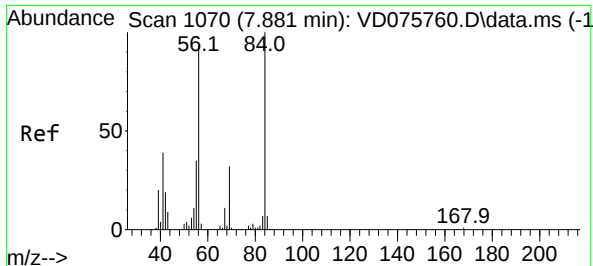
Tgt Ion: 83 Resp: 477856
Ion Ratio Lower Upper
83 100
85 66.2 44.4 82.5



#27
1,2-Dichloroethane
Concen: 49.463 ug/L
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD075761.D
Acq: 20 Apr 2023 12:02

Tgt Ion: 62 Resp: 241789
Ion Ratio Lower Upper
62 100
98 13.3 10.2 15.2





#29

Cyclohexane

Concen: 59.578 ug/L

RT: 7.875 min Scan# 1069

Delta R.T. -0.006 min

Lab File: VD075761.D

Acq: 20 Apr 2023 12:02

Instrument :

MSVOA_D

ClientSampleId :

VSTD050126

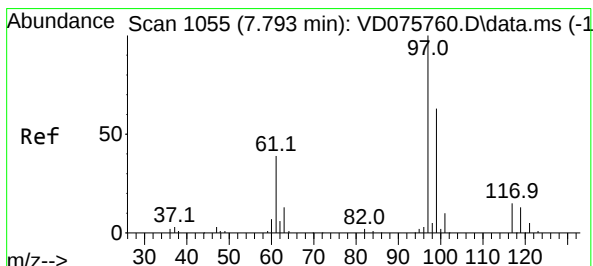
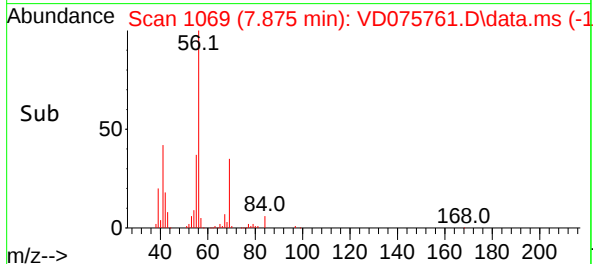
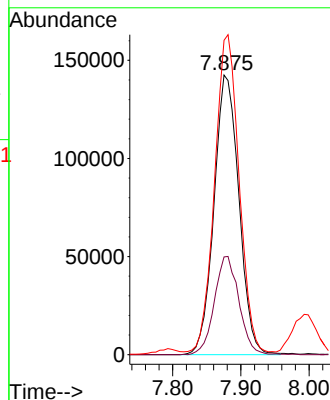
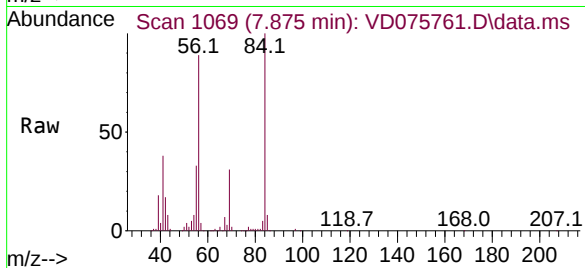
Tgt Ion: 56 Resp: 363048

Ion Ratio Lower Upper

56 100

69 34.5 28.2 42.2

84 112.8 92.4 138.6



#30

1,1,1-Trichloroethane

Concen: 51.725 ug/L

RT: 7.793 min Scan# 1055

Delta R.T. 0.000 min

Lab File: VD075761.D

Acq: 20 Apr 2023 12:02

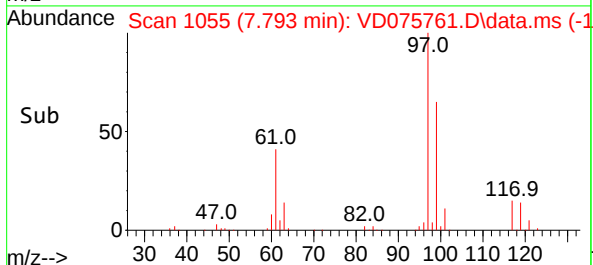
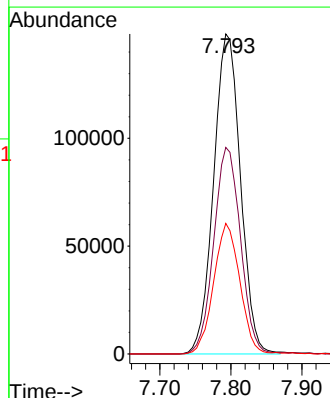
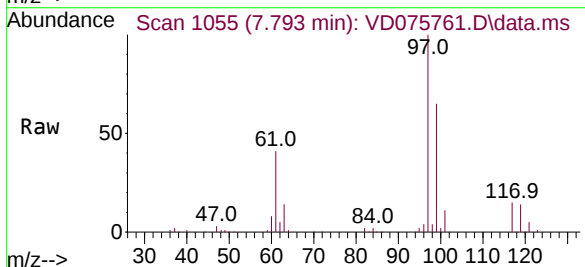
Tgt Ion: 97 Resp: 389558

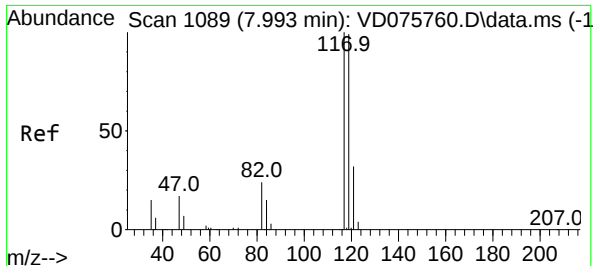
Ion Ratio Lower Upper

97 100

99 64.4 51.5 77.3

61 39.7 32.1 48.1

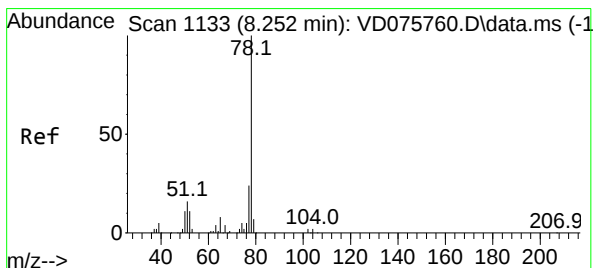
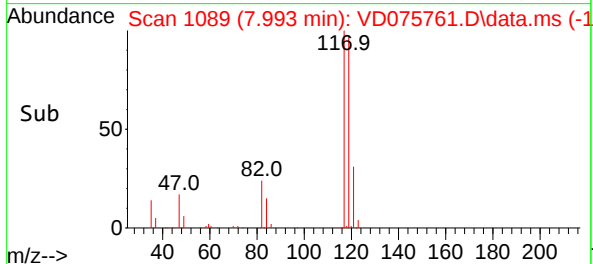
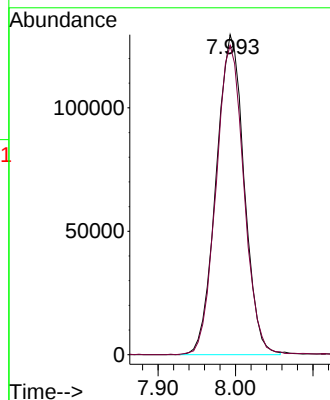
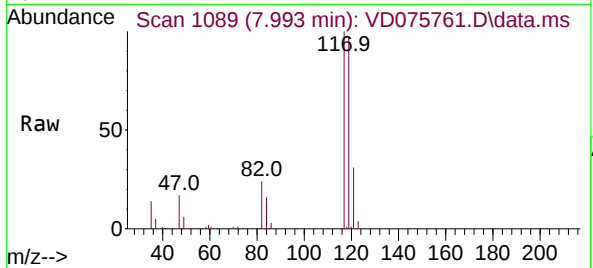




#31
Carbon tetrachloride
Concen: 53.865 ug/L
RT: 7.993 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD075761.D
Acq: 20 Apr 2023 12:02

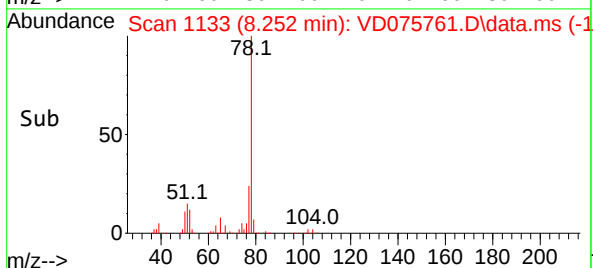
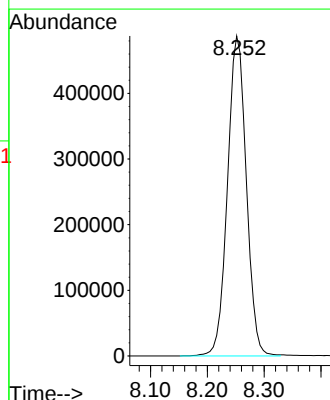
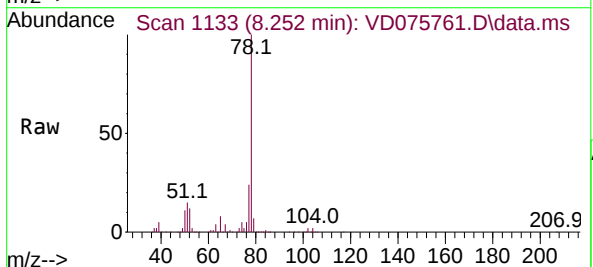
Instrument :
MSVOA_D
ClientSampleId :
VSTD050126

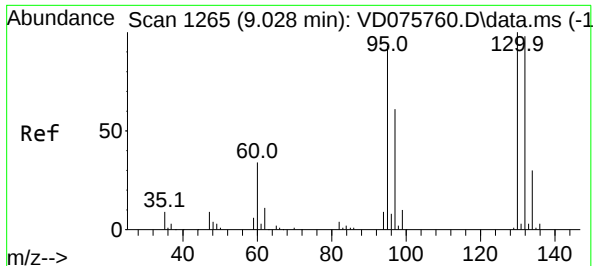
Tgt Ion:117 Resp: 325464
Ion Ratio Lower Upper
117 100
119 96.4 78.2 117.4



#33
Benzene
Concen: 52.162 ug/L
RT: 8.252 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VD075761.D
Acq: 20 Apr 2023 12:02

Tgt Ion: 78 Resp: 1123137

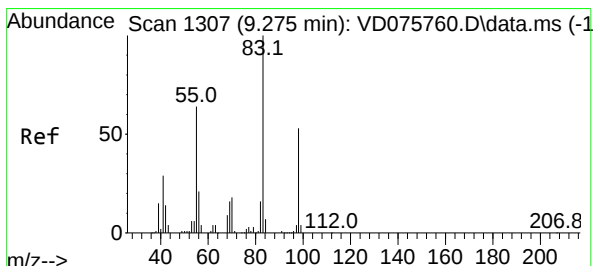
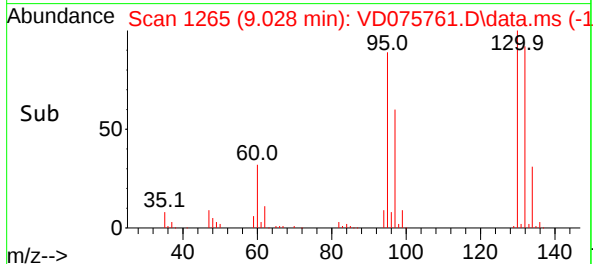
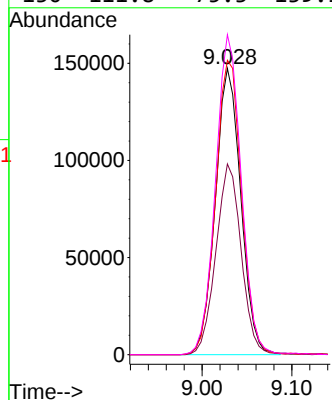
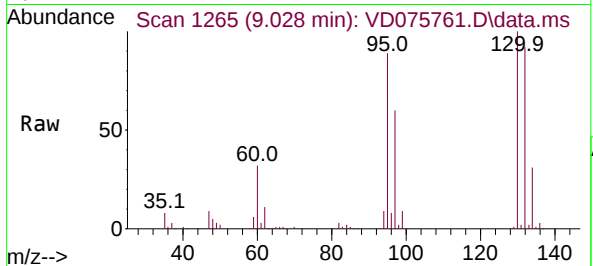




#34
Trichloroethene
Concen: 52.203 ug/L
RT: 9.028 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD075761.D
Acq: 20 Apr 2023 12:02

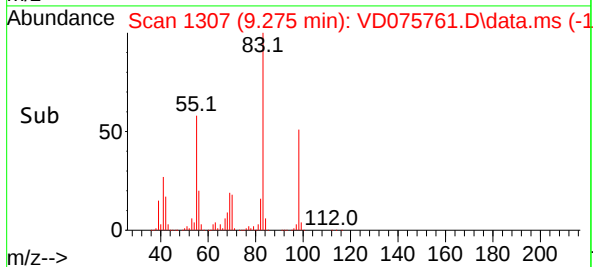
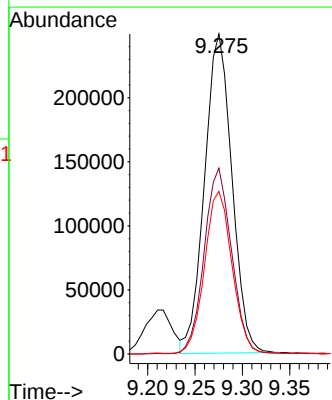
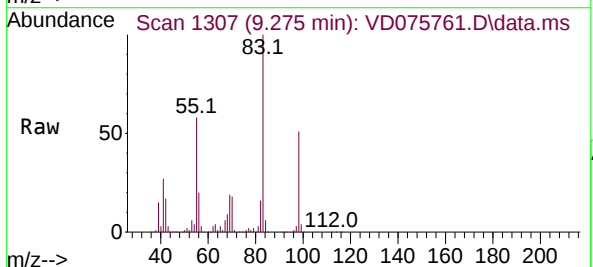
Instrument :
MSVOA_D
ClientSampleId :
VSTD050126

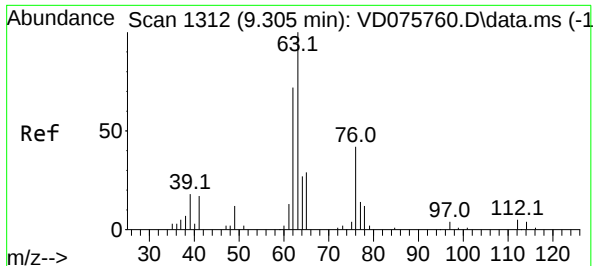
Tgt Ion: 95 Resp: 290676
Ion Ratio Lower Upper
95 100
97 66.7 46.0 85.4
132 102.9 73.3 136.1
130 111.8 75.3 139.9



#35
Methylcyclohexane
Concen: 58.309 ug/L
RT: 9.275 min Scan# 1307
Delta R.T. 0.000 min
Lab File: VD075761.D
Acq: 20 Apr 2023 12:02

Tgt Ion: 83 Resp: 500572
Ion Ratio Lower Upper
83 100
55 58.5 48.2 72.2
98 51.5 40.8 61.2





#37

1,2-Dichloropropane

Concen: 51.578 ug/L

RT: 9.305 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD075761.D

Acq: 20 Apr 2023 12:02

Instrument :

MSVOA_D

ClientSampleId :

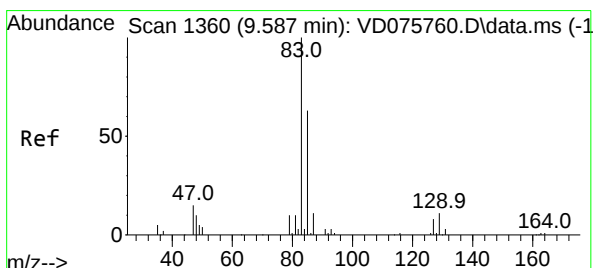
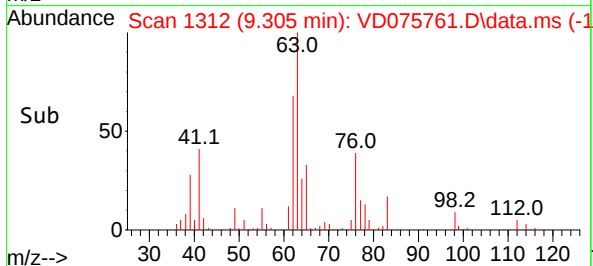
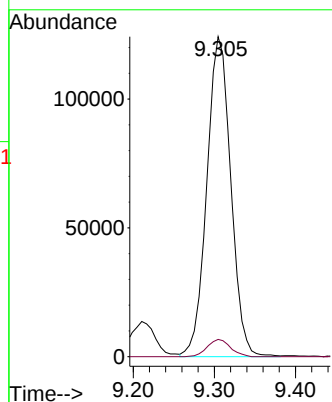
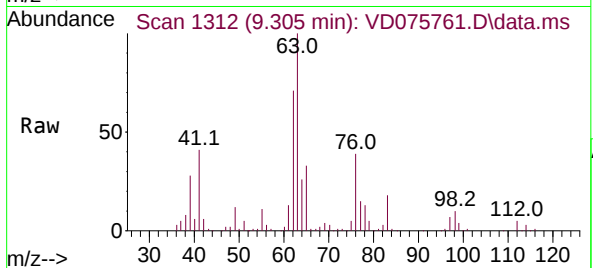
VSTD050126

Tgt Ion: 63 Resp: 255102

Ion Ratio Lower Upper

63 100

112 5.2 4.0 6.0



#38

Bromodichloromethane

Concen: 50.437 ug/L

RT: 9.587 min Scan# 1360

Delta R.T. 0.000 min

Lab File: VD075761.D

Acq: 20 Apr 2023 12:02

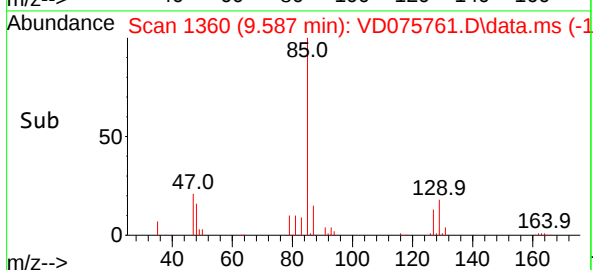
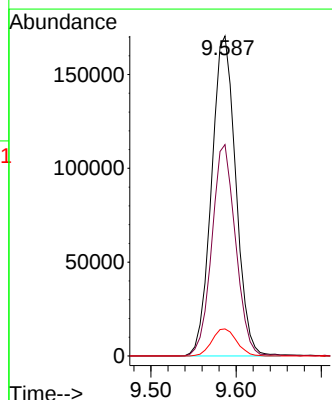
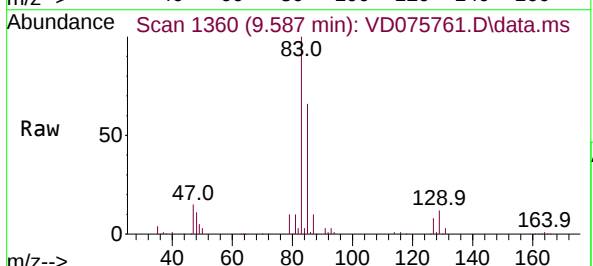
Tgt Ion: 83 Resp: 336358

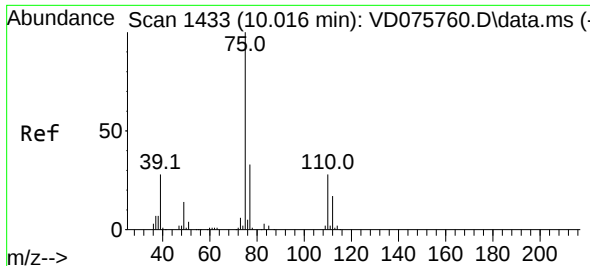
Ion Ratio Lower Upper

83 100

85 66.1 44.2 82.2

127 8.5 6.3 9.5

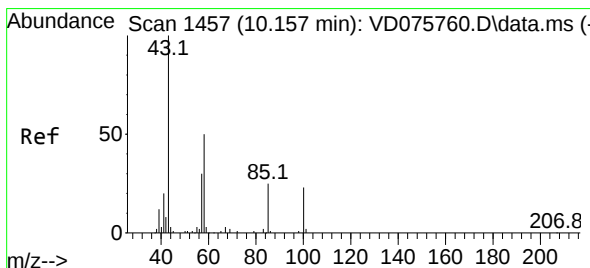
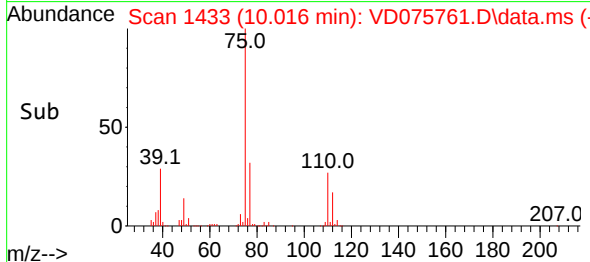
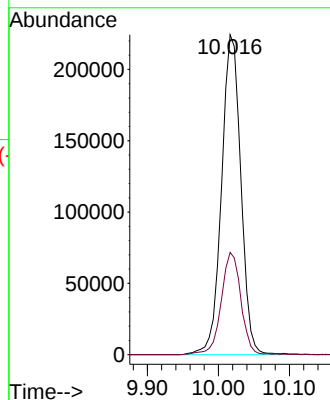
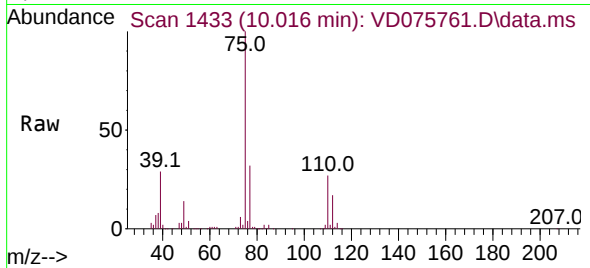




#39
 cis-1,3-Dichloropropene
 Concen: 53.684 ug/L
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD075761.D
 Acq: 20 Apr 2023 12:02

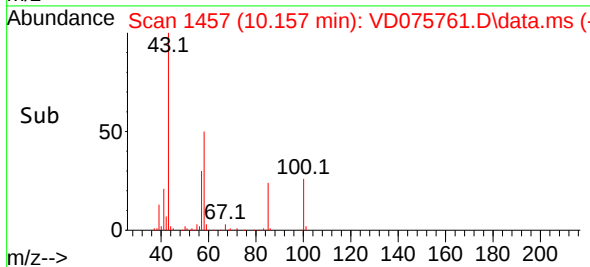
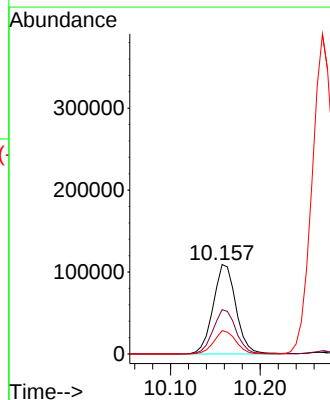
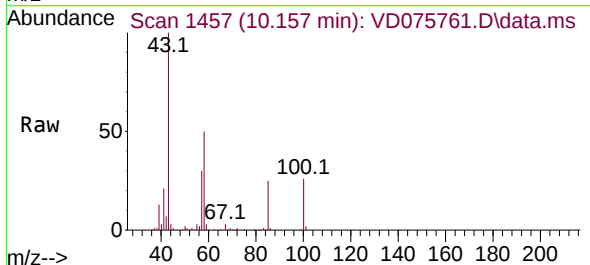
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD050126

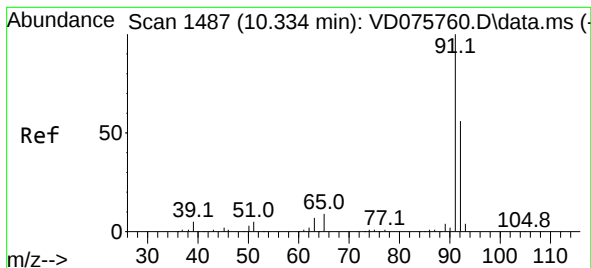
Tgt Ion: 75 Resp: 422271
 Ion Ratio Lower Upper
 75 100
 77 31.9 23.4 43.6



#40
 4-Methyl-2-pentanone
 Concen: 106.849 ug/L
 RT: 10.157 min Scan# 1457
 Delta R.T. 0.000 min
 Lab File: VD075761.D
 Acq: 20 Apr 2023 12:02

Tgt Ion: 43 Resp: 192679
 Ion Ratio Lower Upper
 43 100
 58 49.8 39.1 58.7
 100 25.2 19.4 29.0





#42

Toluene

Concen: 54.208 ug/L

RT: 10.334 min Scan# 1487

Delta R.T. 0.000 min

Lab File: VD075761.D

Acq: 20 Apr 2023 12:02

Instrument :

MSVOA_D

ClientSampleId :

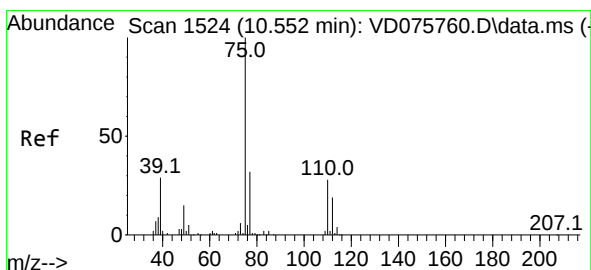
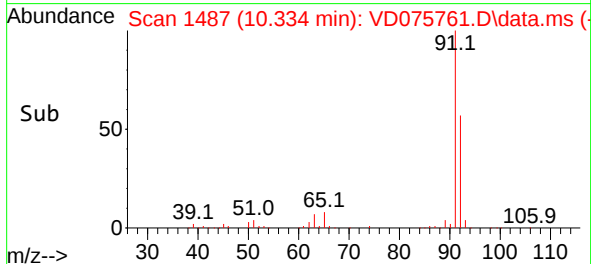
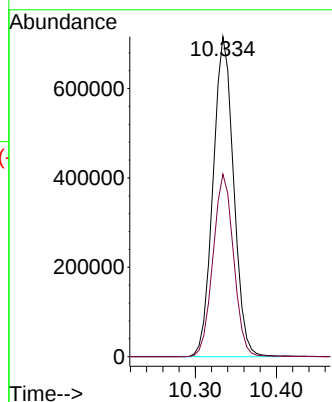
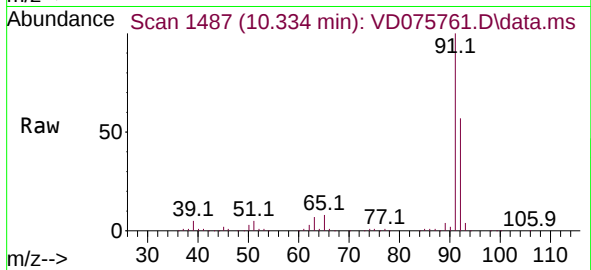
VSTD050126

Tgt Ion: 91 Resp: 1263082

Ion Ratio Lower Upper

91 100

92 57.1 39.3 72.9



#44

trans-1,3-Dichloropropene

Concen: 52.746 ug/L

RT: 10.557 min Scan# 1525

Delta R.T. 0.006 min

Lab File: VD075761.D

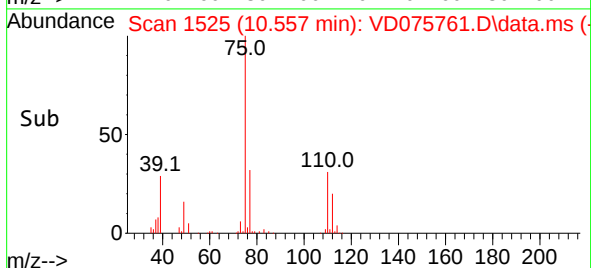
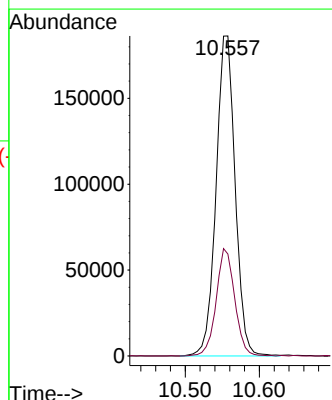
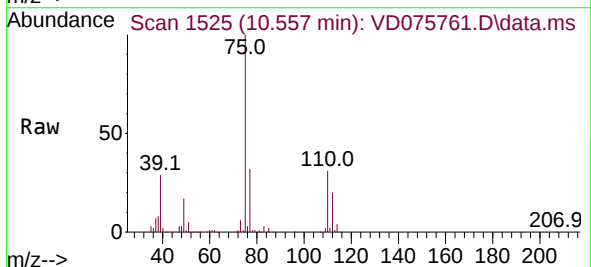
Acq: 20 Apr 2023 12:02

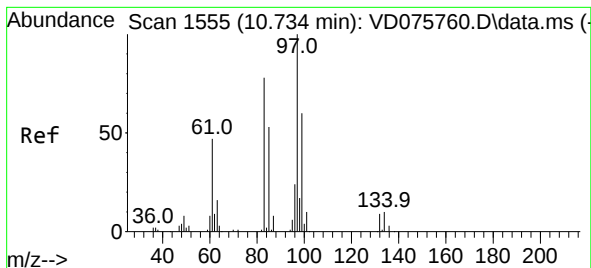
Tgt Ion: 75 Resp: 333299

Ion Ratio Lower Upper

75 100

77 31.8 22.0 41.0





#45

1,1,2-Trichloroethane

Concen: 49.443 ug/L

RT: 10.734 min Scan# 1555

Delta R.T. 0.000 min

Lab File: VD075761.D

Acq: 20 Apr 2023 12:02

Instrument :

MSVOA_D

ClientSampleId :

VSTD050126

Tgt Ion: 97 Resp: 208045

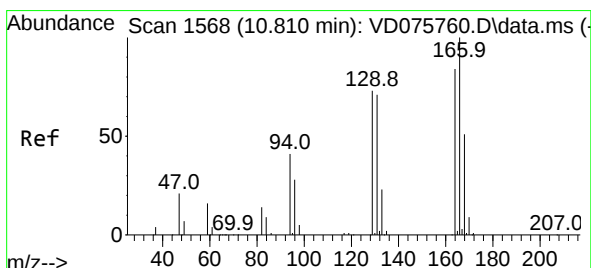
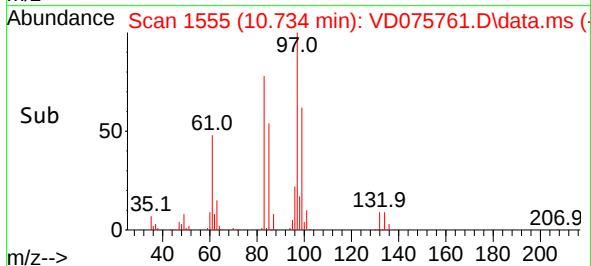
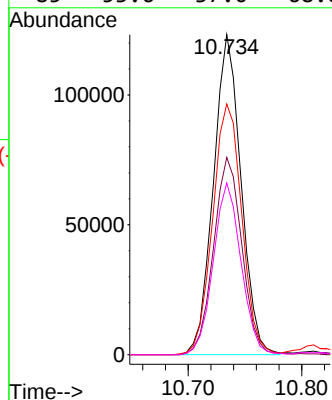
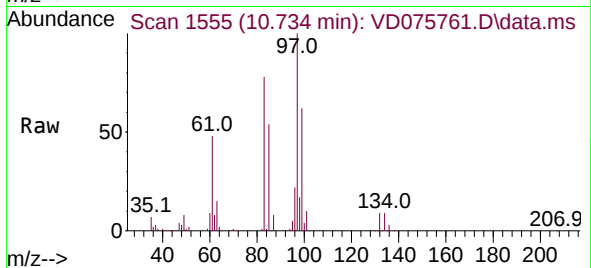
Ion Ratio Lower Upper

97 100

99 61.7 42.2 78.4

83 78.4 54.8 101.8

85 53.6 37.0 68.8



#46

Tetrachloroethene

Concen: 53.598 ug/L

RT: 10.810 min Scan# 1568

Delta R.T. 0.000 min

Lab File: VD075761.D

Acq: 20 Apr 2023 12:02

Tgt Ion:164 Resp: 244786

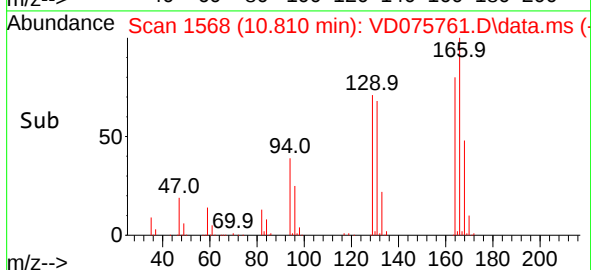
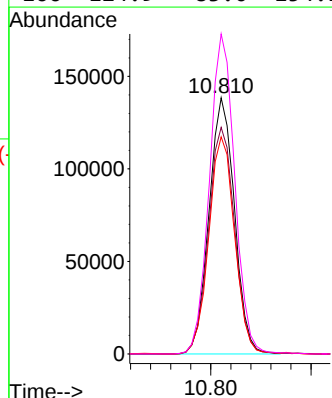
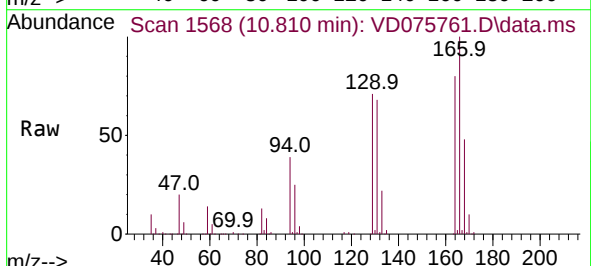
Ion Ratio Lower Upper

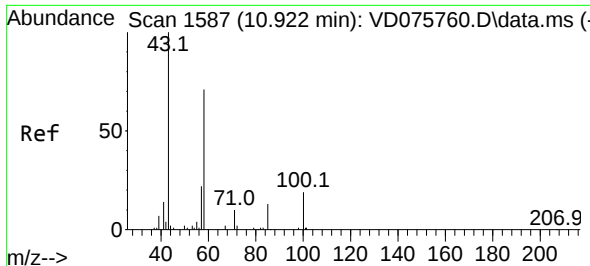
164 100

129 88.5 60.3 112.1

131 84.7 58.9 109.3

166 124.9 83.0 154.1



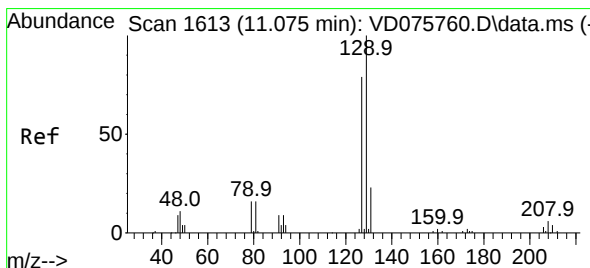
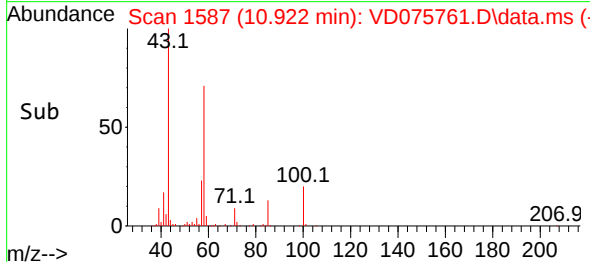
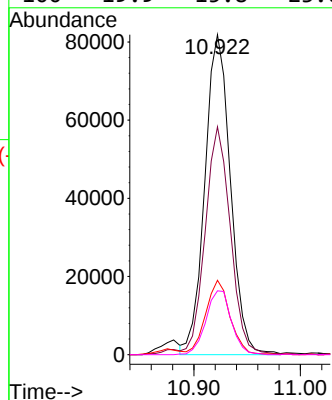
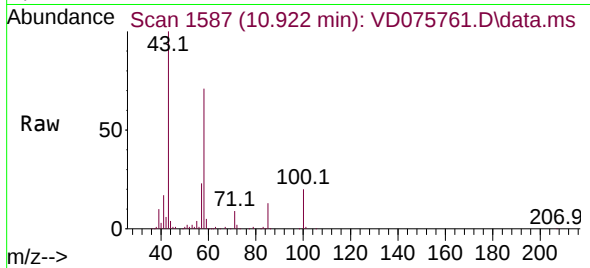


#48
2-Hexanone
Concen: 107.793 ug/L
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD075761.D
Acq: 20 Apr 2023 12:02

Instrument :
MSVOA_D
ClientSampleId :
VSTD050126

Tgt Ion: 43 Resp: 137035

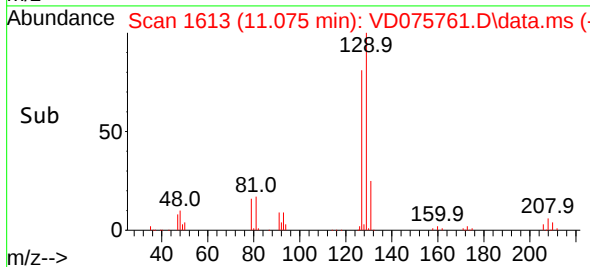
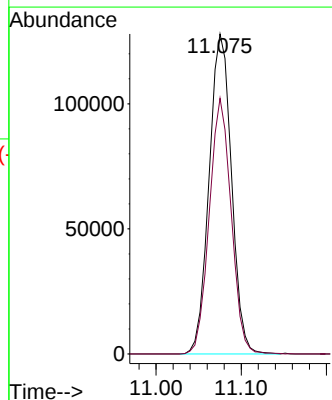
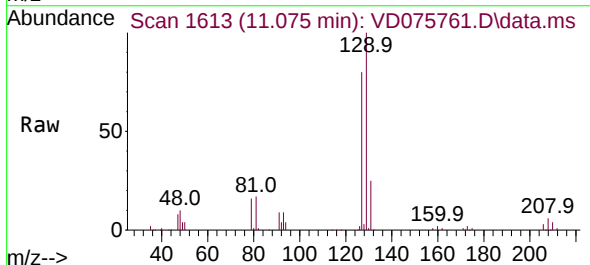
Ion	Ratio	Lower	Upper
43	100		
58	70.0	59.7	89.5
57	22.1	17.9	26.9
100	19.9	15.8	23.6

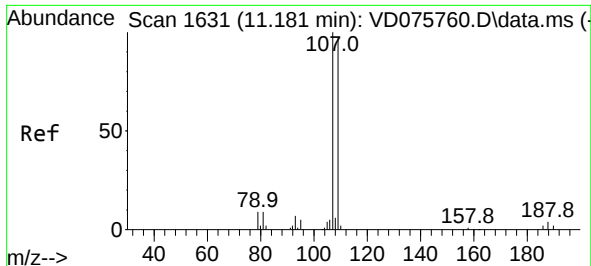


#49
Dibromochloromethane
Concen: 50.870 ug/L
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD075761.D
Acq: 20 Apr 2023 12:02

Tgt Ion: 129 Resp: 233022

Ion	Ratio	Lower	Upper
129	100		
127	79.9	55.6	103.4

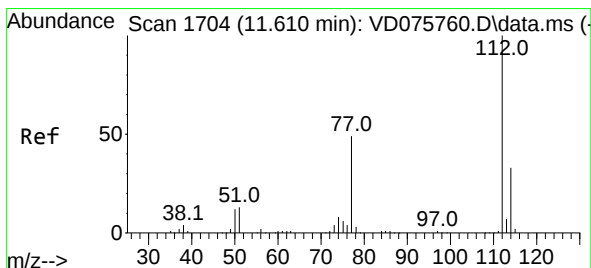
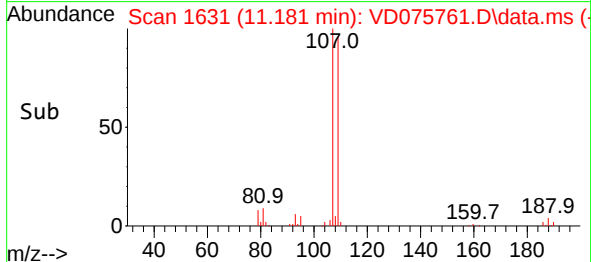
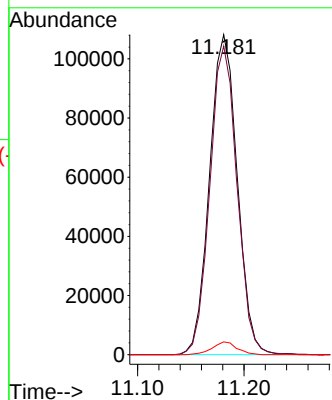
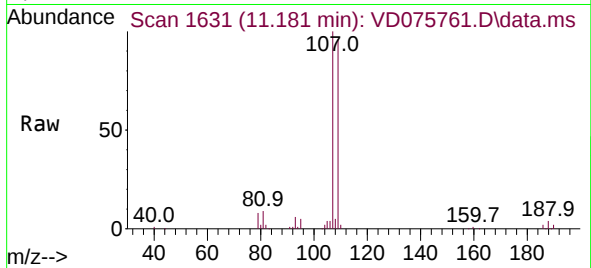




#50
1,2-Dibromoethane
Concen: 51.458 ug/L
RT: 11.181 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VD075761.D
Acq: 20 Apr 2023 12:02

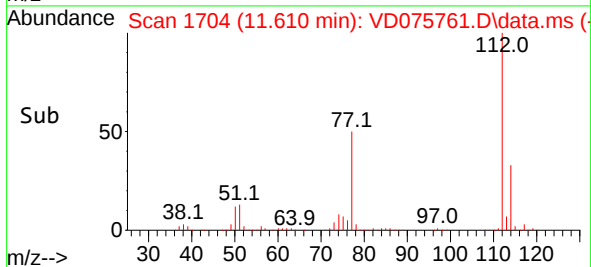
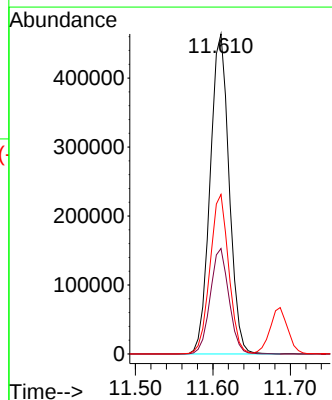
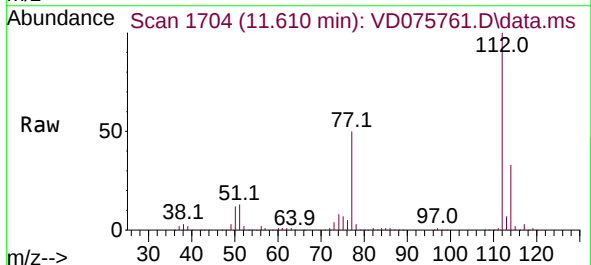
Instrument :
MSVOA_D
ClientSampleId :
VSTD050126

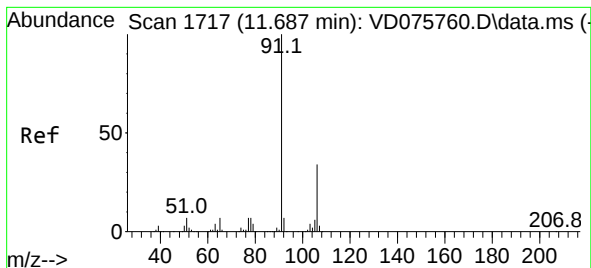
Tgt Ion:107 Resp: 195209
Ion Ratio Lower Upper
107 100
109 96.5 67.6 125.6
188 4.0 3.0 4.6



#51
Chlorobenzene
Concen: 51.787 ug/L
RT: 11.610 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VD075761.D
Acq: 20 Apr 2023 12:02

Tgt Ion:112 Resp: 789411
Ion Ratio Lower Upper
112 100
114 32.9 23.0 42.8
77 49.8 39.7 59.5

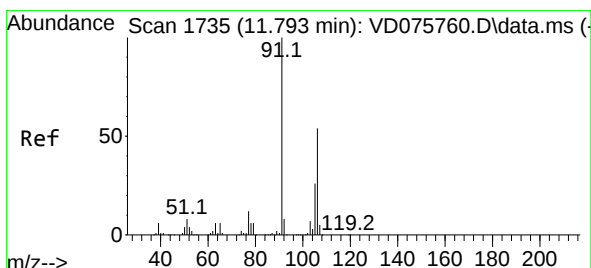
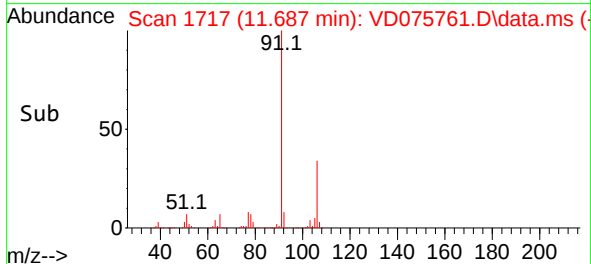
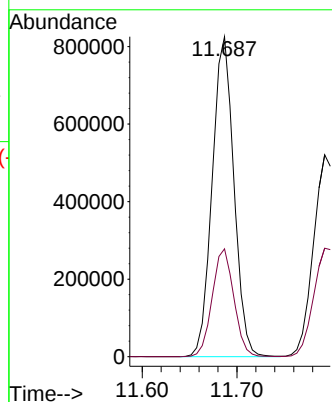
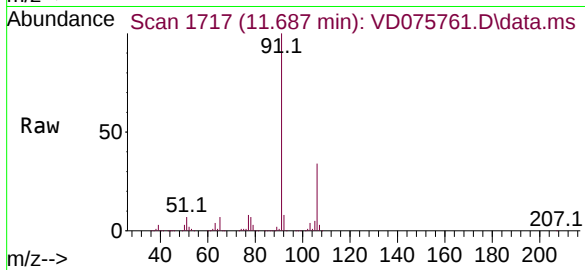




#52
Ethylbenzene
Concen: 55.027 ug/L
RT: 11.687 min Scan# 1717
Delta R.T. 0.000 min
Lab File: VD075761.D
Acq: 20 Apr 2023 12:02

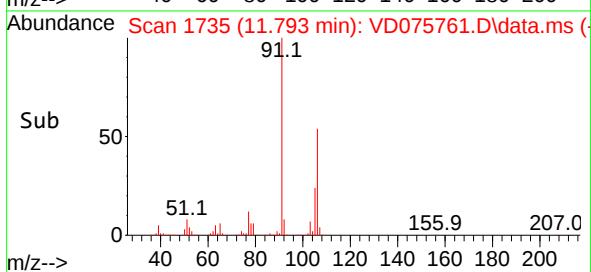
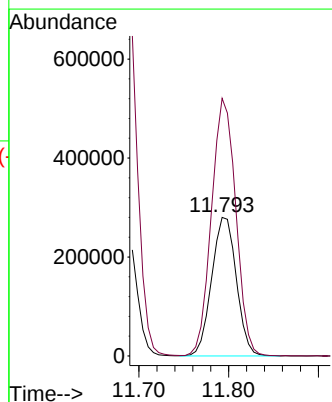
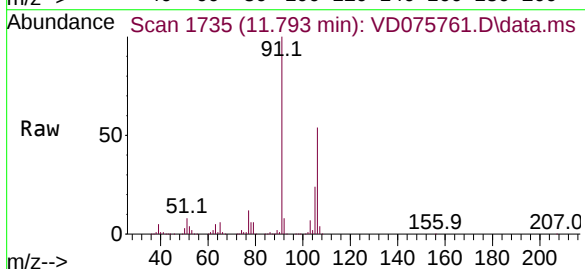
Instrument :
MSVOA_D
ClientSampleId :
VSTD050126

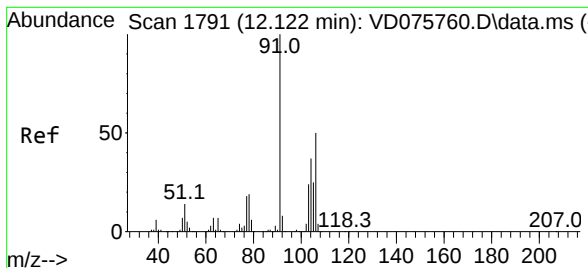
Tgt Ion: 91 Resp: 1314771
Ion Ratio Lower Upper
91 100
106 33.7 23.7 43.9



#53
m,p-Xylene
Concen: 56.269 ug/L
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD075761.D
Acq: 20 Apr 2023 12:02

Tgt Ion: 106 Resp: 535354
Ion Ratio Lower Upper
106 100
91 186.0 130.9 243.1

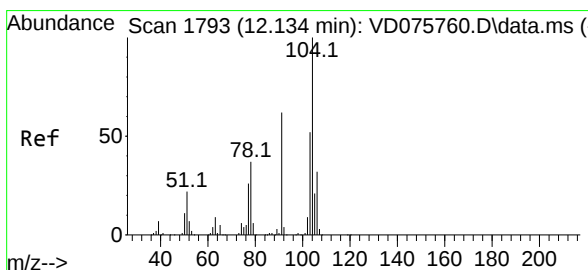
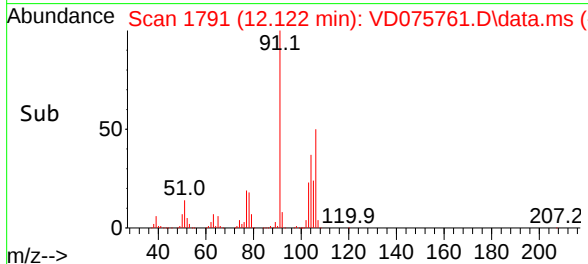
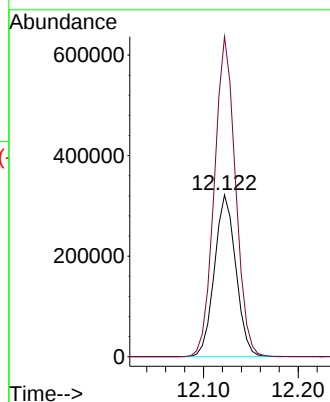
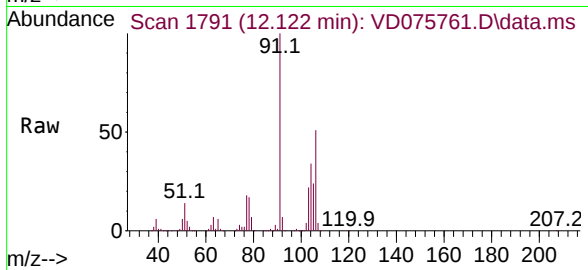




#54
o-Xylene
Concen: 55.932 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD075761.D
Acq: 20 Apr 2023 12:02

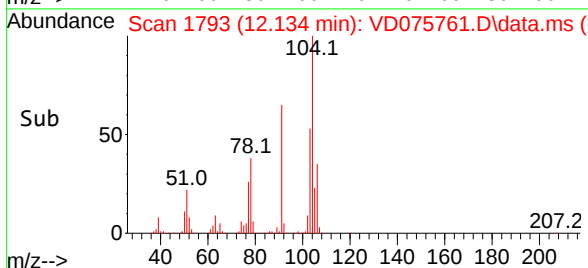
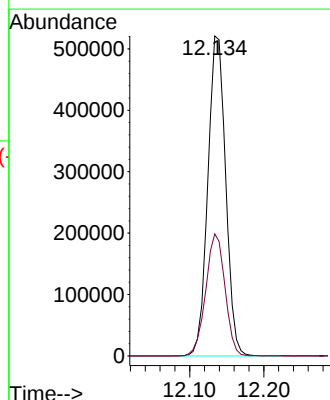
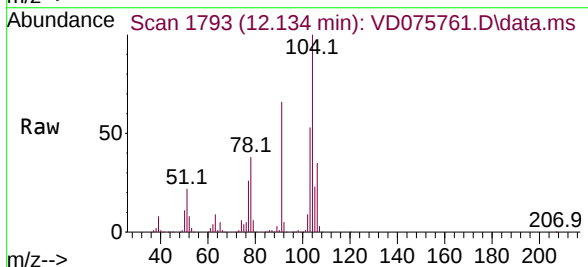
Instrument :
MSVOA_D
ClientSampleId :
VSTD050126

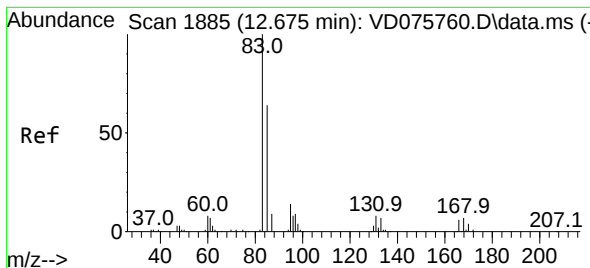
Tgt Ion:106 Resp: 505434
Ion Ratio Lower Upper
106 100
91 197.7 139.8 259.6



#55
Styrene
Concen: 55.459 ug/L
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD075761.D
Acq: 20 Apr 2023 12:02

Tgt Ion:104 Resp: 872253
Ion Ratio Lower Upper
104 100
78 38.1 26.2 48.6

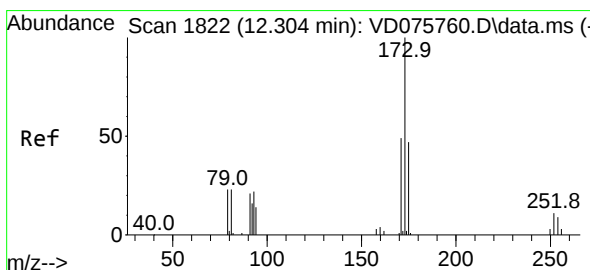
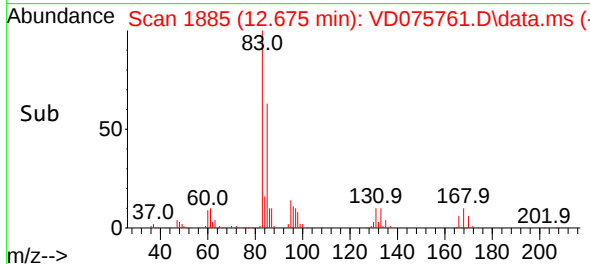
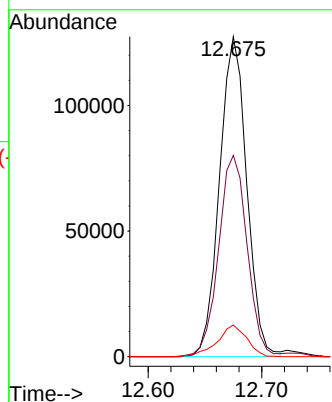
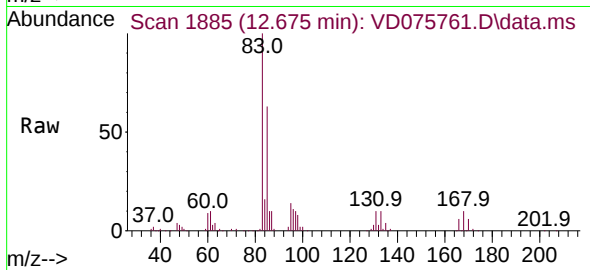




#57
1,1,2,2-Tetrachloroethane
Concen: 49.569 ug/L
RT: 12.675 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VD075761.D
Acq: 20 Apr 2023 12:02

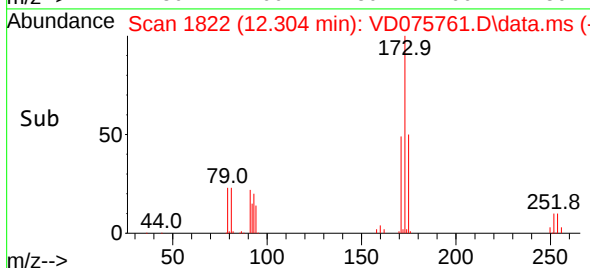
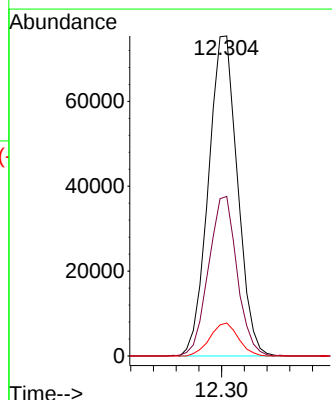
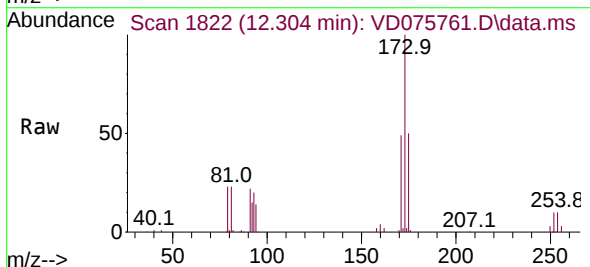
Instrument :
MSVOA_D
ClientSampleId :
VSTD050126

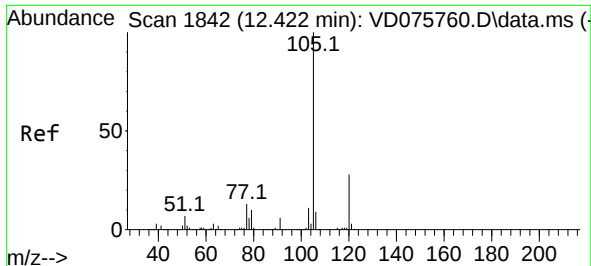
Tgt Ion: 83 Resp: 212221
Ion Ratio Lower Upper
83 100
85 62.9 45.1 83.7
131 9.9 7.0 10.6



#59
Bromoform
Concen: 48.417 ug/L
RT: 12.304 min Scan# 1822
Delta R.T. 0.000 min
Lab File: VD075761.D
Acq: 20 Apr 2023 12:02

Tgt Ion: 173 Resp: 134313
Ion Ratio Lower Upper
173 100
175 48.8 39.4 59.0
254 10.0 7.4 11.2

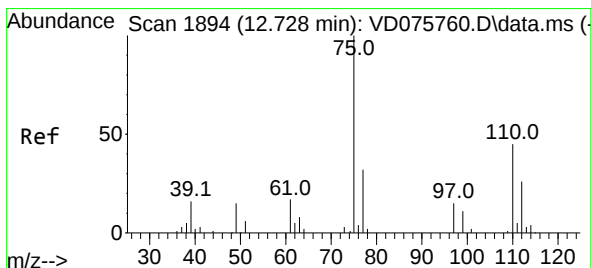
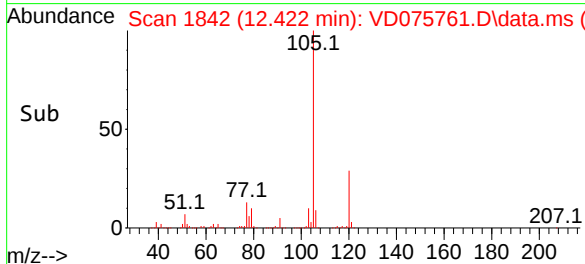
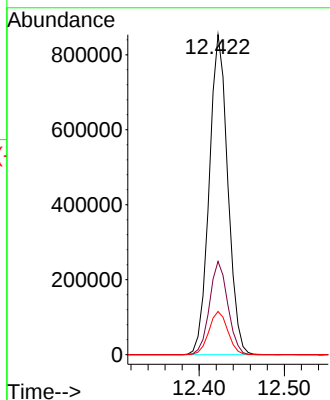
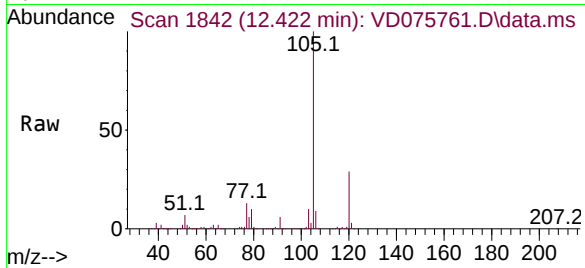




#60
Isopropylbenzene
Concen: 53.972 ug/L
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD075761.D
Acq: 20 Apr 2023 12:02

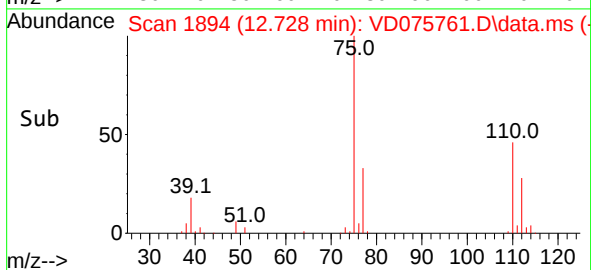
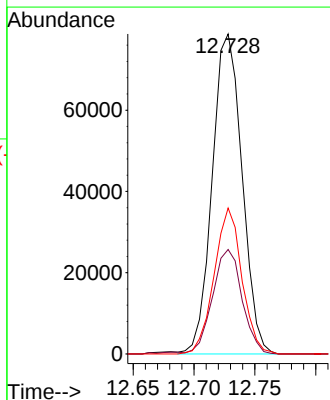
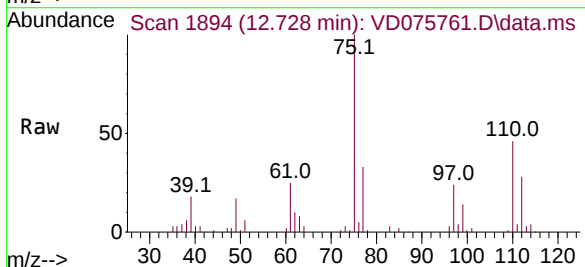
Instrument :
MSVOA_D
ClientSampleId :
VSTD050126

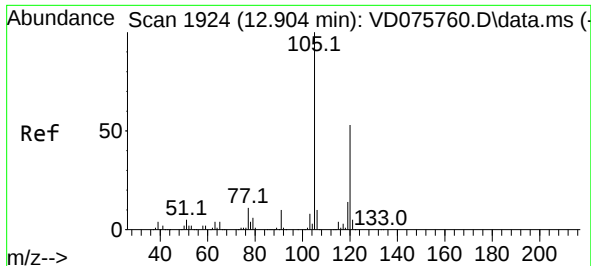
Tgt Ion:105 Resp: 1295369
Ion Ratio Lower Upper
105 100
120 28.6 22.7 34.1
77 13.7 10.9 16.3



#61
1,2,3-Trichloropropane
Concen: 47.198 ug/L
RT: 12.728 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VD075761.D
Acq: 20 Apr 2023 12:02

Tgt Ion: 75 Resp: 134204
Ion Ratio Lower Upper
75 100
77 32.3 26.6 39.8
110 42.4 33.5 50.3





#62

1,3,5-Trimethylbenzene

Concen: 56.835 ug/L

RT: 12.904 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VD075761.D

Acq: 20 Apr 2023 12:02

Instrument :

MSVOA_D

ClientSampleId :

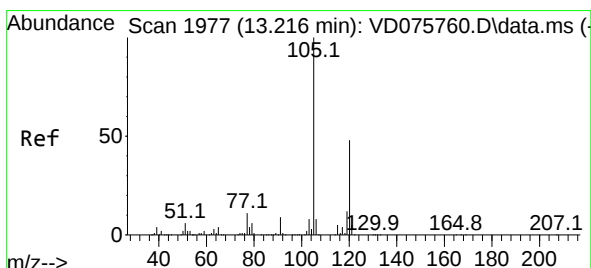
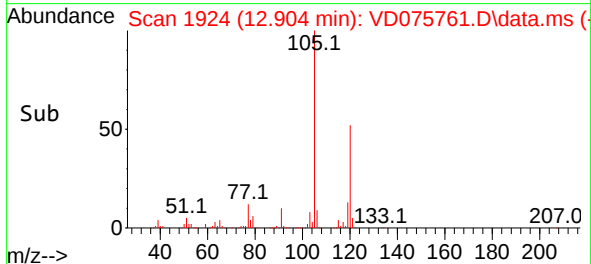
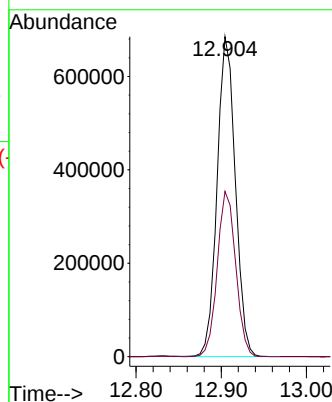
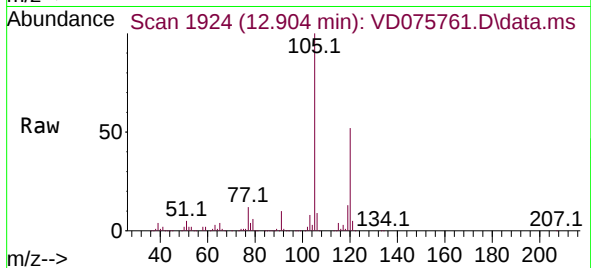
VSTD050126

Tgt Ion:105 Resp: 1017178

Ion Ratio Lower Upper

105 100

120 52.3 42.0 63.0



#63

1,2,4-Trimethylbenzene

Concen: 56.417 ug/L

RT: 13.216 min Scan# 1977

Delta R.T. 0.000 min

Lab File: VD075761.D

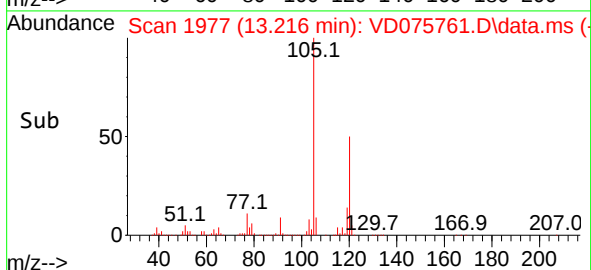
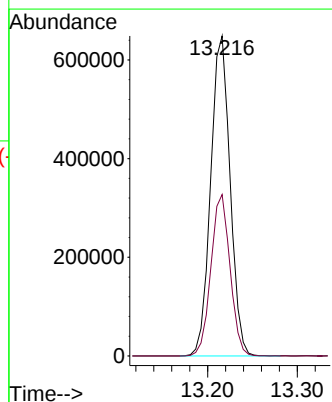
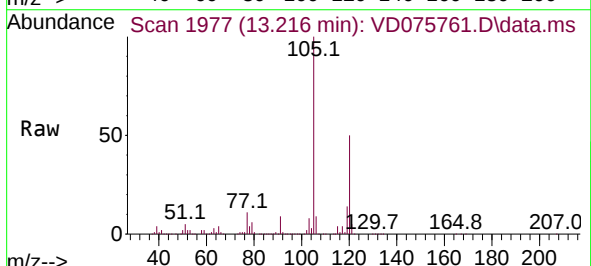
Acq: 20 Apr 2023 12:02

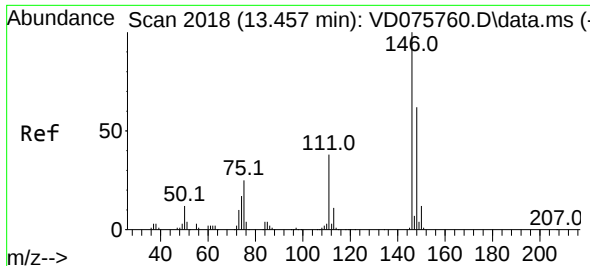
Tgt Ion:105 Resp: 973319

Ion Ratio Lower Upper

105 100

120 49.7 39.0 58.6

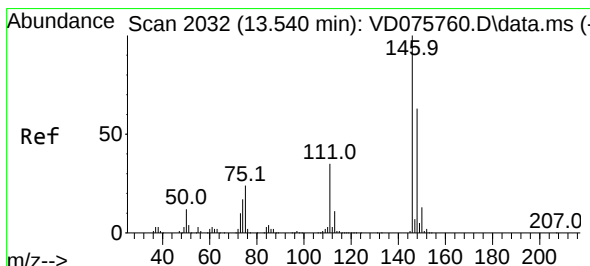
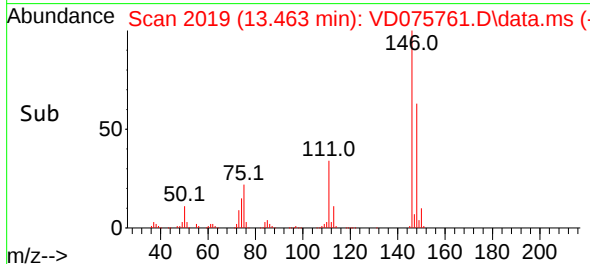
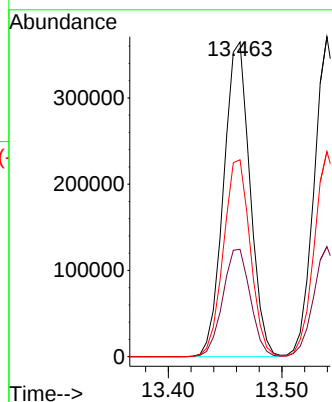
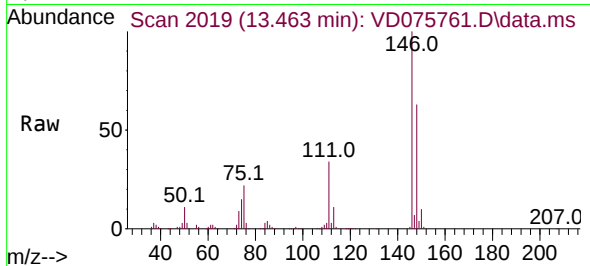




#64
1,3-Dichlorobenzene
Concen: 51.183 ug/L
RT: 13.463 min Scan# 2018
Delta R.T. 0.006 min
Lab File: VD075761.D
Acq: 20 Apr 2023 12:02

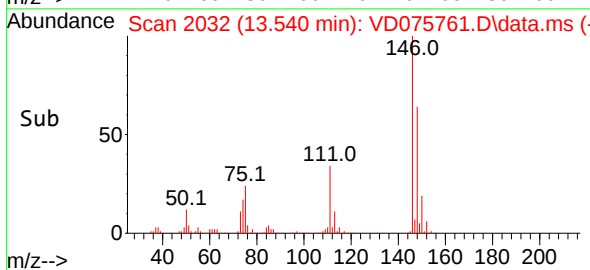
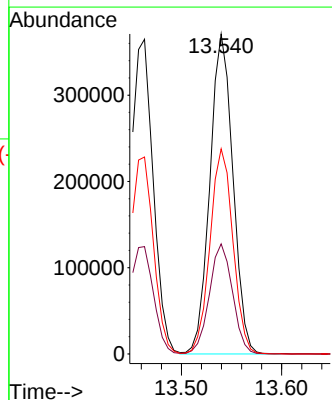
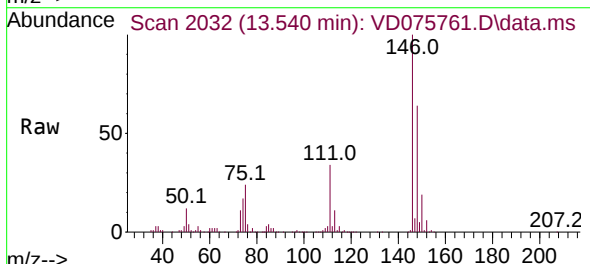
Instrument :
MSVOA_D
ClientSampleId :
VSTD050126

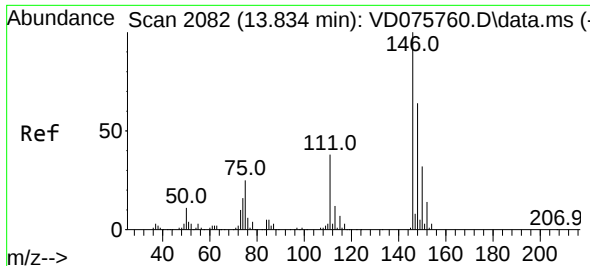
Tgt Ion:146 Resp: 587776
Ion Ratio Lower Upper
146 100
111 34.1 26.5 49.1
148 62.6 43.8 81.3



#65
1,4-Dichlorobenzene
Concen: 49.209 ug/L
RT: 13.540 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD075761.D
Acq: 20 Apr 2023 12:02

Tgt Ion:146 Resp: 593088
Ion Ratio Lower Upper
146 100
111 34.4 24.6 45.8
148 64.1 44.4 82.4

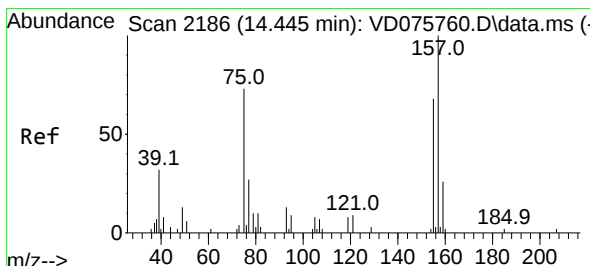
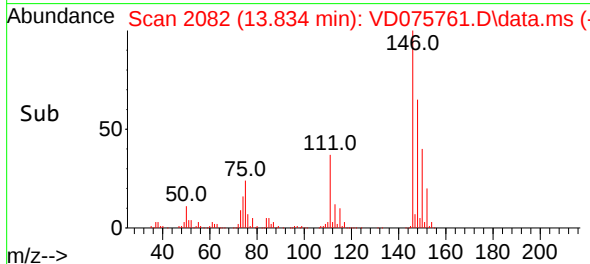
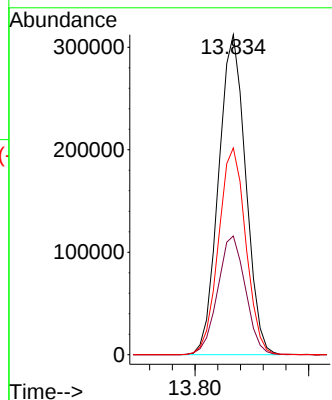
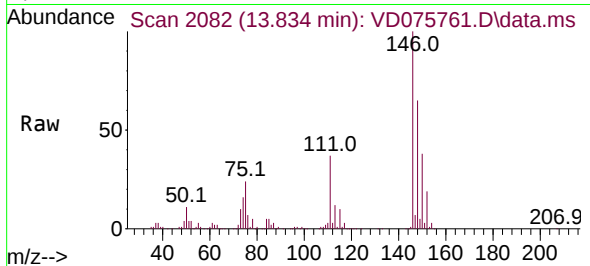




#67
1,2-Dichlorobenzene
Concen: 50.401 ug/L
RT: 13.834 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VD075761.D
Acq: 20 Apr 2023 12:02

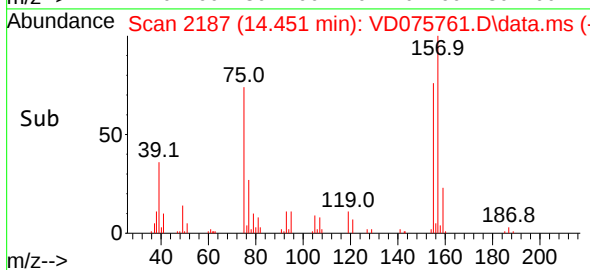
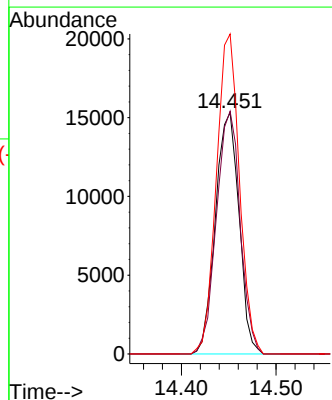
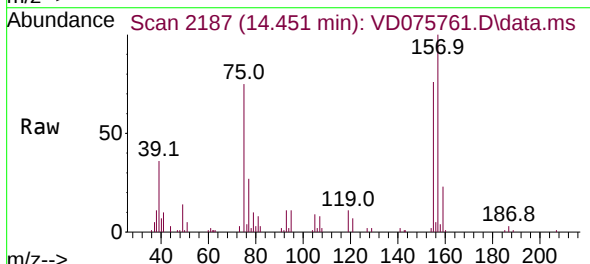
Instrument :
MSVOA_D
ClientSampleId :
VSTD050126

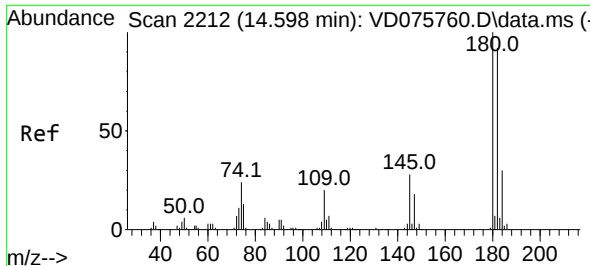
Tgt Ion:146 Resp: 516881
Ion Ratio Lower Upper
146 100
111 37.1 30.6 46.0
148 64.6 51.4 77.0



#68
1,2-Dibromo-3-chloropropane
Concen: 46.521 ug/L
RT: 14.451 min Scan# 2187
Delta R.T. 0.006 min
Lab File: VD075761.D
Acq: 20 Apr 2023 12:02

Tgt Ion: 75 Resp: 26444
Ion Ratio Lower Upper
75 100
155 100.5 74.6 111.8
157 132.6 109.4 164.2





#69

1,3,5-Trichlorobenzene

Concen: 47.507 ug/L

RT: 14.593 min Scan# 21

Delta R.T. -0.006 min

Lab File: VD075761.D

Acq: 20 Apr 2023 12:02

Instrument :

MSVOA_D

ClientSampleId :

VSTD050126

Tgt Ion:180 Resp: 365671

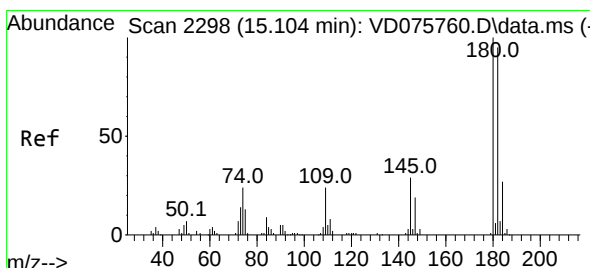
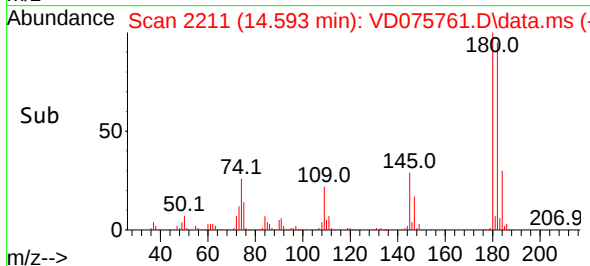
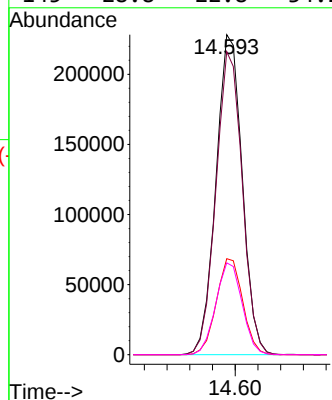
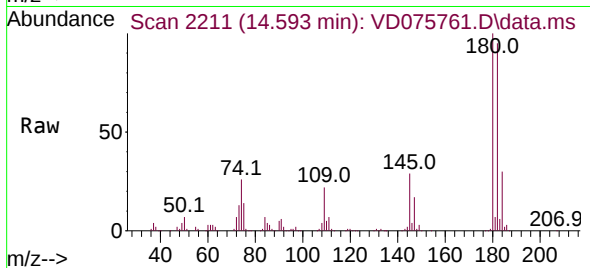
Ion Ratio Lower Upper

180 100

182 95.1 74.9 112.3

184 30.2 25.0 37.4

145 28.8 22.8 34.2



#70

1,2,4-trichlorobenzene

Concen: 47.389 ug/L

RT: 15.098 min Scan# 2297

Delta R.T. -0.006 min

Lab File: VD075761.D

Acq: 20 Apr 2023 12:02

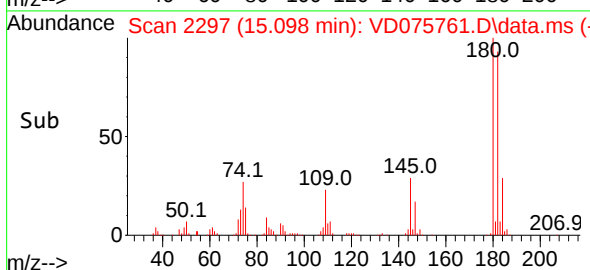
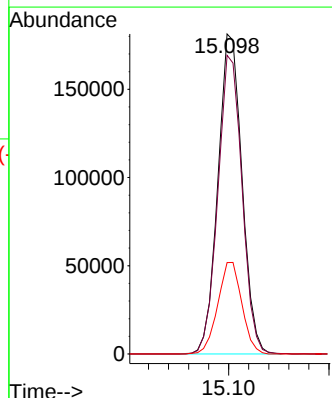
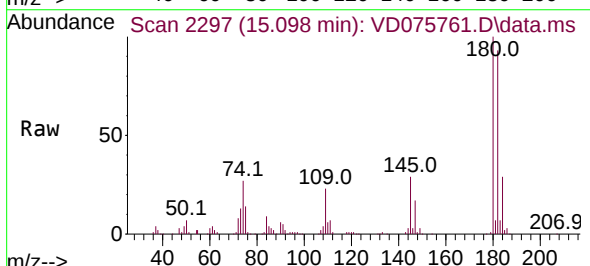
Tgt Ion:180 Resp: 302281

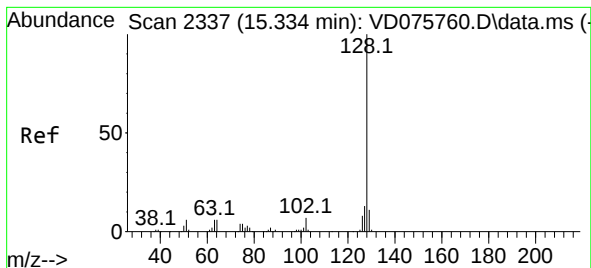
Ion Ratio Lower Upper

180 100

182 93.5 75.4 113.2

145 28.6 23.6 35.4





#71

Naphthalene

Concen: 50.947 ug/L

RT: 15.334 min Scan# 2337

Delta R.T. 0.000 min

Lab File: VD075761.D

Acq: 20 Apr 2023 12:02

Instrument :

MSVOA_D

ClientSampleId :

VSTD050126

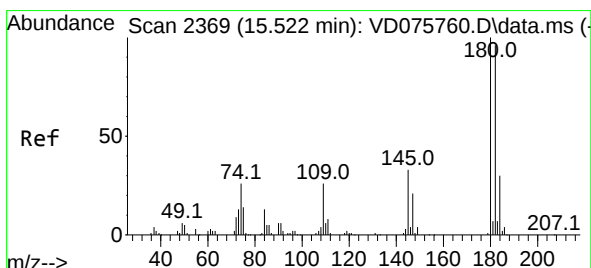
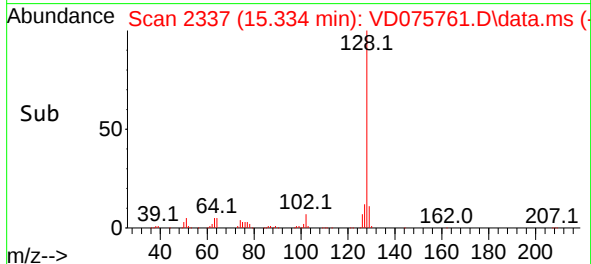
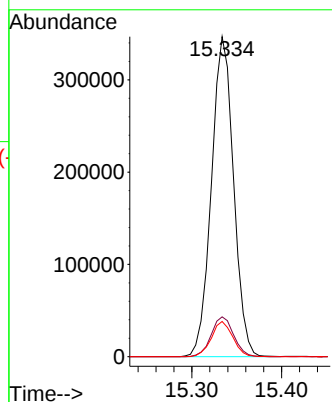
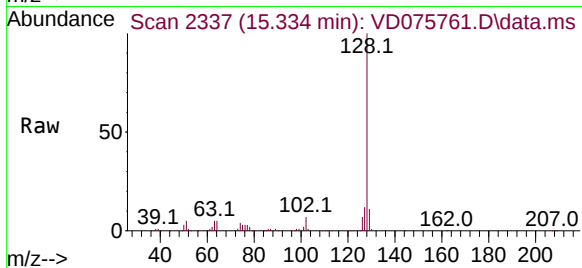
Tgt Ion:128 Resp: 594700

Ion Ratio Lower Upper

128 100

127 12.7 10.5 15.7

129 10.7 9.1 13.7



#72

1,2,3-Trichlorobenzene

Concen: 47.348 ug/L

RT: 15.522 min Scan# 2369

Delta R.T. 0.000 min

Lab File: VD075761.D

Acq: 20 Apr 2023 12:02

Tgt Ion:180 Resp: 269590

Ion Ratio Lower Upper

180 100

182 95.3 76.3 114.5

145 30.3 25.0 37.6

