

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042023\
 Data File : VD075765.D
 Acq On : 20 Apr 2023 15:31
 Operator : KP/SY
 Sample : VSTD2.529
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD2.5129

Quant Time: Apr 21 05:43:58 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	8.775	114	360973	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	327357	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	143510	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	18291	2.310	ug/L	0.00
7) Chloroethane-d5	2.805	69	17359	2.537	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.916	65	4078	2.234	ug/L	0.00
21) 2-Butanone-d5	6.987	46	2052	2.985	ug/L	0.00
24) Chloroform-d	7.569	84	22757	2.521	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.222	65	9527	2.471	ug/L	0.00
32) Benzene-d6	8.199	84	46068	2.414	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.210	67	13036	2.468	ug/L	0.00
41) Toluene-d8	10.269	98	40297	2.256	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.522	79	5101	2.337	ug/L	0.00
47) 2-Hexanone-d5	10.881	63	2734	4.300	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.651	84	10539	2.608	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.816	152	13921	2.742	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	12218	2.455	ug/L	97
3) Chloromethane	2.146	50	19314	2.784	ug/L	100
5) Vinyl chloride	2.281	62	23772	2.622	ug/L	99
6) Bromomethane	2.699	94	15372	2.523	ug/L	87
8) Chloroethane	2.840	64	16328	2.785	ug/L	94
9) Trichlorofluoromethane	3.175	101	19647	2.697	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.975	101	12744	2.604	ug/L	98
12) 1,1-Dichloroethene	3.946	96	11688	2.463	ug/L #	78
13) Acetone	4.022	43	1231	2.092	ug/L	53
14) Carbon disulfide	4.269	76	43317	2.613	ug/L	100
15) Methyl Acetate	4.552	43	1514	1.187	ug/L #	44
16) Methylene chloride	4.805	84	30132	4.115	ug/L	93
17) trans-1,2-Dichloroethene	5.311	96	8736	1.642	ug/L	99
18) Methyl tert-butyl Ether	5.316	73	20335	2.382	ug/L #	74
19) 1,1-Dichloroethane	6.116	63	20321	2.606	ug/L	96
20) cis-1,2-Dichloroethene	7.087	96	13686	2.432	ug/L	88
22) 2-Butanone	7.087	43	3419	4.458	ug/L	90
23) Bromochloromethane	7.434	128	6692	2.564	ug/L	88
25) Chloroform	7.593	83	22558	2.582	ug/L	97
27) 1,2-Dichloroethane	8.328	62	11591	2.570	ug/L	97
29) Cyclohexane	7.881	56	12025	2.146	ug/L	99
30) 1,1,1-Trichloroethane	7.793	97	18204	2.628	ug/L	94
31) Carbon tetrachloride	7.987	117	13549	2.438	ug/L	100
33) Benzene	8.252	78	49676	2.509	ug/L	100
34) Trichloroethene	9.028	95	13030	2.545	ug/L	96
35) Methylcyclohexane	9.269	83	17245	2.184	ug/L	98
37) 1,2-Dichloropropane	9.304	63	11423	2.511	ug/L #	89
38) Bromodichloromethane	9.587	83	16198	2.641	ug/L	95
39) cis-1,3-Dichloropropene	10.016	75	17177	2.375	ug/L	92
40) 4-Methyl-2-pentanone	10.163	43	7391	4.457	ug/L	94
42) Toluene	10.334	91	49739	2.321	ug/L	100
44) trans-1,3-Dichloropropene	10.551	75	13391	2.304	ug/L	89

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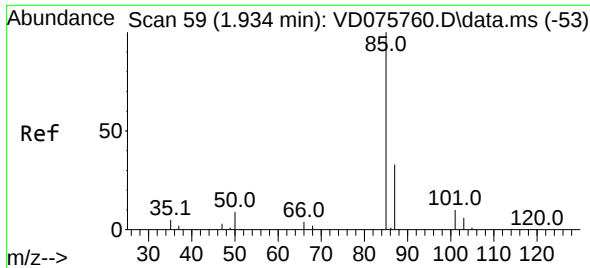
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD2.5129

Quant Time: Apr 21 05:43:58 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	10312	2.665	ug/L	96
46) Tetrachloroethene	10.810	164	10971	2.612	ug/L	89
48) 2-Hexanone	10.922	43	5115	4.375	ug/L	88
49) Dibromochloromethane	11.075	129	10644	2.527	ug/L	79
50) 1,2-Dibromoethane	11.181	107	8393	2.406	ug/L #	83
51) Chlorobenzene	11.610	112	34555	2.465	ug/L	98
52) Ethylbenzene	11.687	91	51850	2.360	ug/L	92
53) m,p-Xylene	11.798	106	18443	2.108	ug/L	94
54) o-Xylene	12.122	106	18965	2.282	ug/L	85
55) Styrene	12.140	104	31777	2.197	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.675	83	10477	2.661	ug/L #	91
59) Bromoform	12.298	173	6131	2.788	ug/L #	96
60) Isopropylbenzene	12.422	105	47202	2.481	ug/L	98
61) 1,2,3-Trichloropropane	12.728	75	6302	2.795	ug/L	93
62) 1,3,5-Trimethylbenzene	12.904	105	32025	2.257	ug/L	95
63) 1,2,4-Trimethylbenzene	13.216	105	29883	2.185	ug/L	96
64) 1,3-Dichlorobenzene	13.457	146	23949	2.630	ug/L	94
65) 1,4-Dichlorobenzene	13.540	146	26529	2.776	ug/L	97
67) 1,2-Dichlorobenzene	13.834	146	21855	2.688	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.445	75	1231	2.731	ug/L	96
69) 1,3,5-Trichlorobenzene	14.592	180	18748	3.072	ug/L	98
70) 1,2,4-trichlorobenzene	15.104	180	15387	3.043	ug/L	97
71) Naphthalene	15.328	128	25699	2.777	ug/L	99
72) 1,2,3-Trichlorobenzene	15.528	180	13820	3.061	ug/L	94

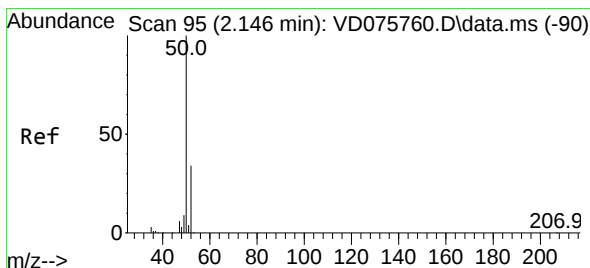
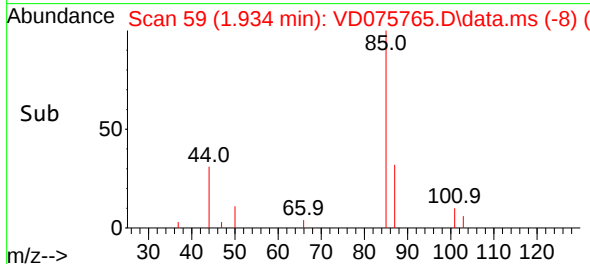
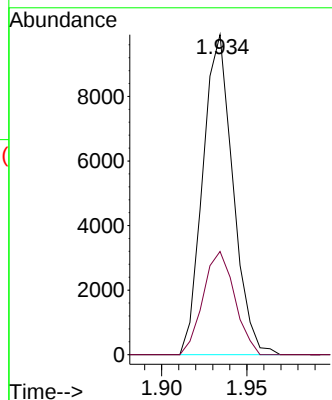
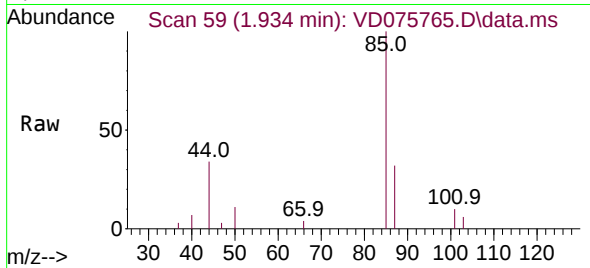
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 2.455 ug/L
RT: 1.934 min Scan# 59
Delta R.T. -0.000 min
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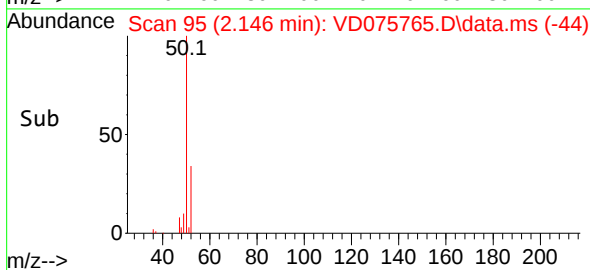
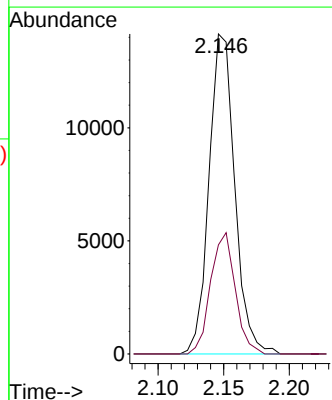
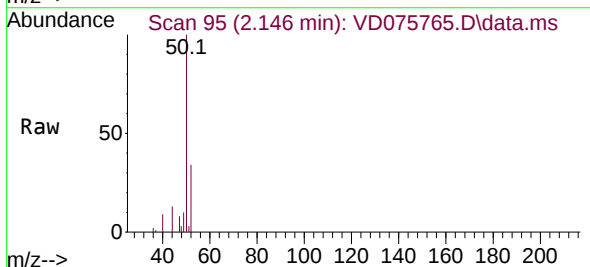
Instrument :
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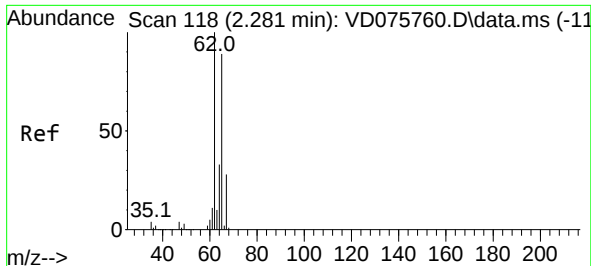
Tgt Ion: 85 Resp: 12218
Ion Ratio Lower Upper
85 100
87 33.7 25.8 38.8



#3
Chloromethane
Concen: 2.784 ug/L
RT: 2.146 min Scan# 95
Delta R.T. -0.000 min
Lab File: VD075765.D
Acq: 20 Apr 2023 15:31

Tgt Ion: 50 Resp: 19314
Ion Ratio Lower Upper
50 100
52 34.1 23.7 44.1

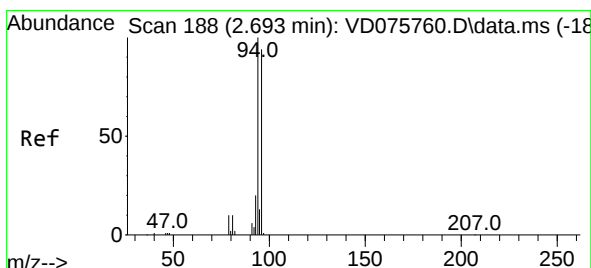
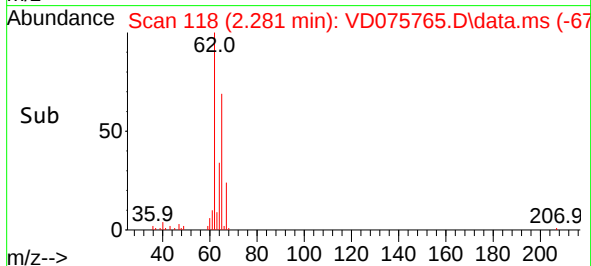
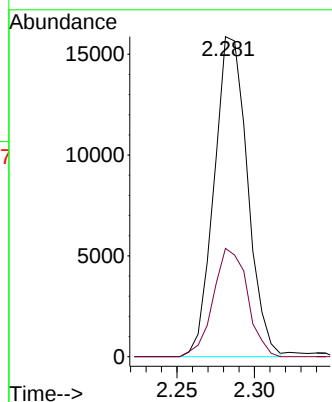
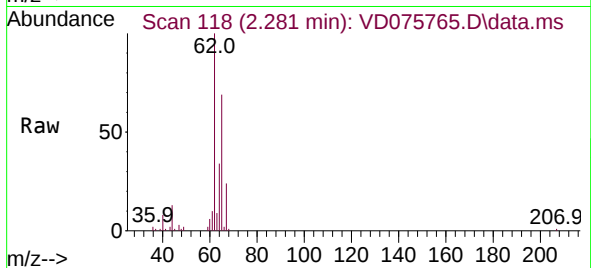




#5
 Vinyl chloride
 Concen: 2.622 ug/L
 RT: 2.281 min Scan# 118
 Delta R.T. -0.000 min
 Lab File: VD075765.D
 Acq: 20 Apr 2023 15:31

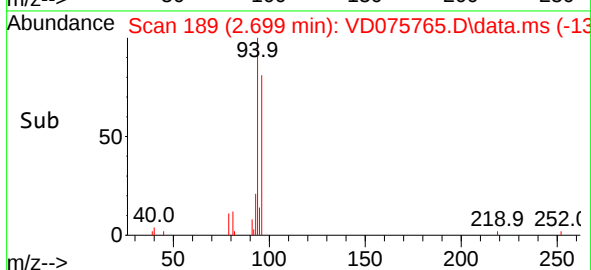
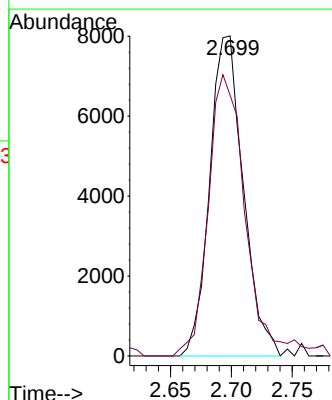
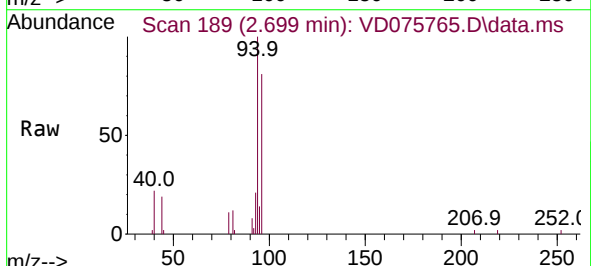
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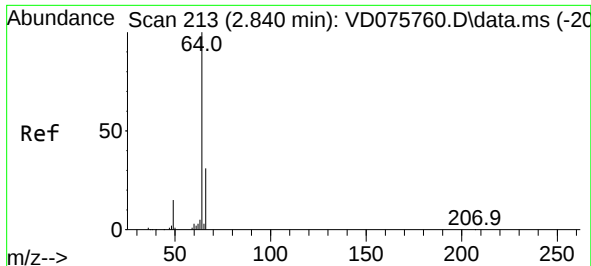
Tgt Ion: 62 Resp: 23772
 Ion Ratio Lower Upper
 62 100
 64 33.8 23.2 43.0



#6
 Bromomethane
 Concen: 2.523 ug/L
 RT: 2.699 min Scan# 189
 Delta R.T. 0.006 min
 Lab File: VD075765.D
 Acq: 20 Apr 2023 15:31

Tgt Ion: 94 Resp: 15372
 Ion Ratio Lower Upper
 94 100
 96 81.4 65.7 121.9

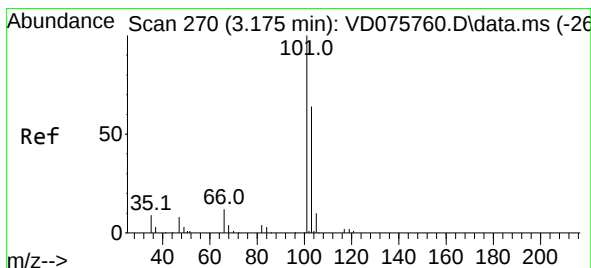
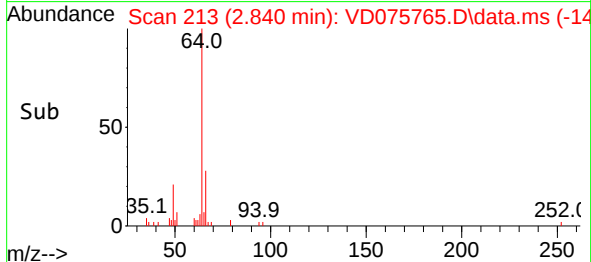
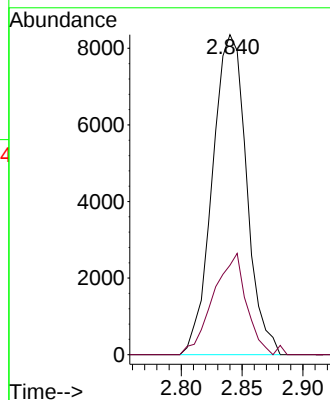
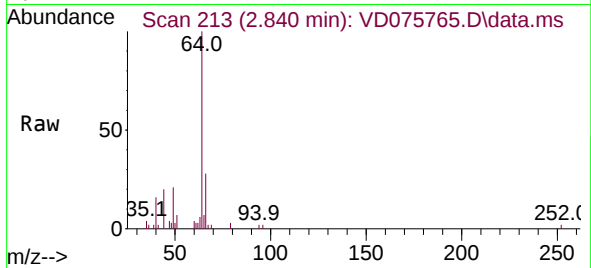




#8
Chloroethane
Concen: 2.785 ug/L
RT: 2.840 min Scan# 213
Delta R.T. -0.000 min
Lab File: VD075765.D
Acq: 20 Apr 2023 15:31

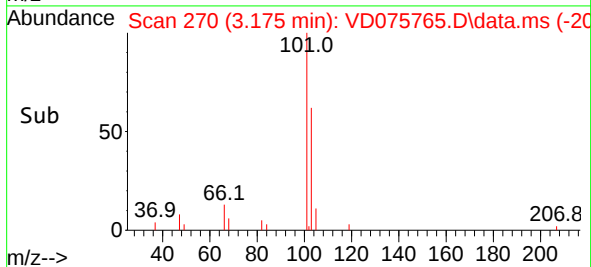
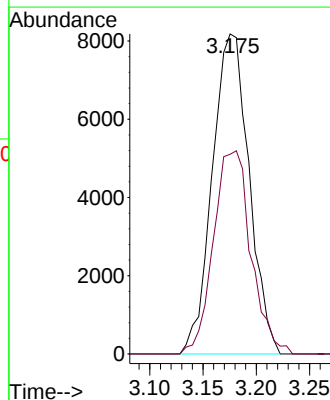
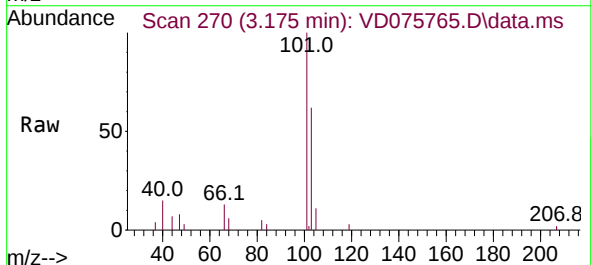
Instrument :
MSVOA_D
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VSTD2.5129

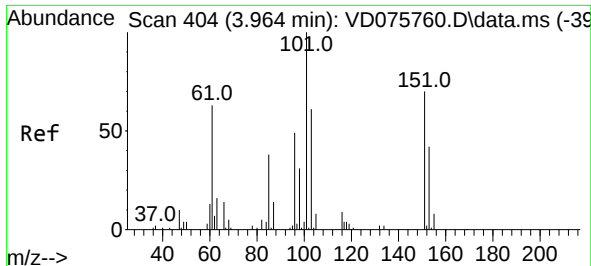
Tgt Ion: 64 Resp: 16328
Ion Ratio Lower Upper
64 100
66 28.0 21.8 40.4



#9
Trichlorofluoromethane
Concen: 2.697 ug/L
RT: 3.175 min Scan# 270
Delta R.T. -0.000 min
Lab File: VD075765.D
Acq: 20 Apr 2023 15:31

Tgt Ion:101 Resp: 19647
Ion Ratio Lower Upper
101 100
103 64.7 52.2 78.4

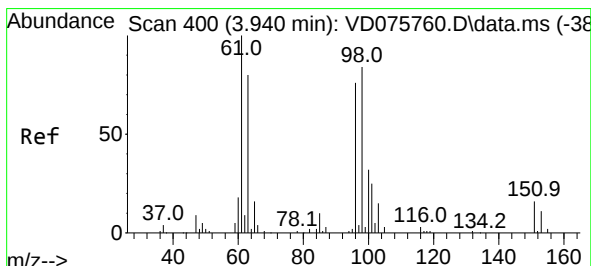
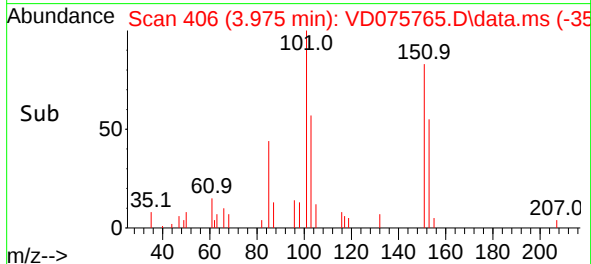
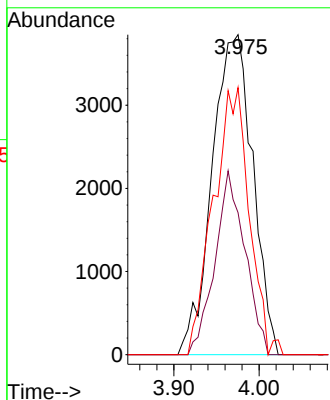
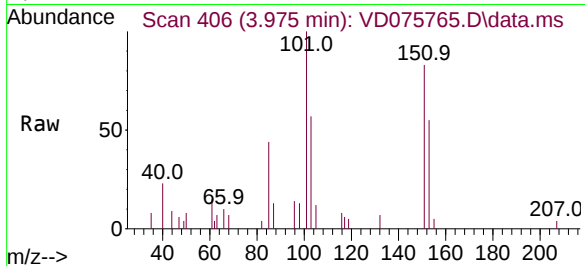




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 2.604 ug/L
 RT: 3.975 min Scan# 406
 Delta R.T. 0.012 min
 Lab File: VD075765.D
 Acq: 20 Apr 2023 15:31

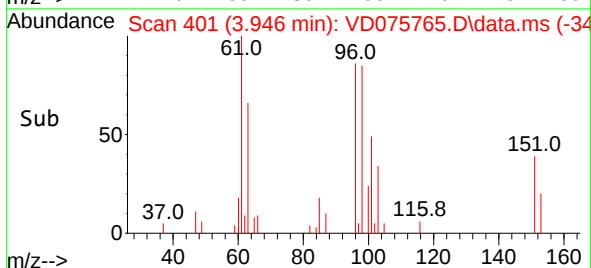
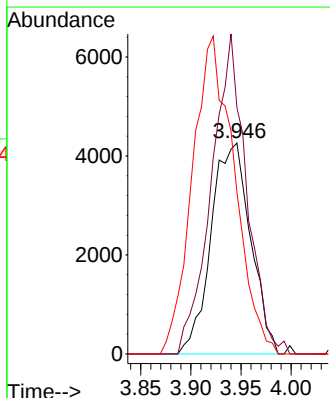
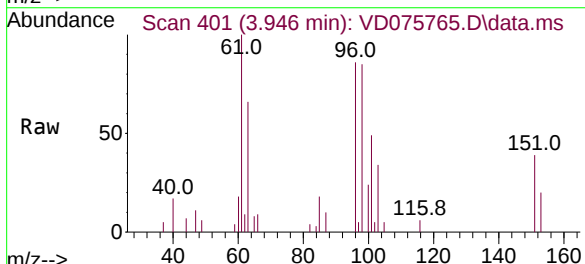
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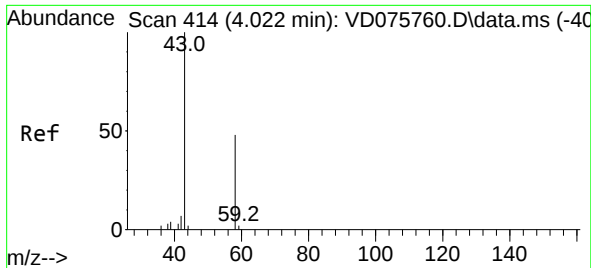
Tgt Ion:	101	Resp:	12744
Ion	Ratio	Lower	Upper
101	100		
85	42.4	32.9	49.3
151	72.7	57.2	85.8



#12
 1,1-Dichloroethene
 Concen: 2.463 ug/L
 RT: 3.946 min Scan# 401
 Delta R.T. 0.006 min
 Lab File: VD075765.D
 Acq: 20 Apr 2023 15:31

Tgt Ion:	96	Resp:	11688
Ion	Ratio	Lower	Upper
96	100		
61	116.8	92.6	172.0
63	76.7	77.4	143.8





#13

Acetone

Concen: 2.092 ug/L

RT: 4.022 min Scan# 414

Delta R.T. -0.000 min

Lab File: VD075765.D

Acq: 20 Apr 2023 15:31

Instrument :

MSVOA_D

ClientSampleId :

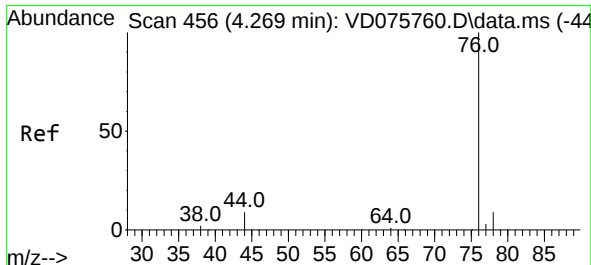
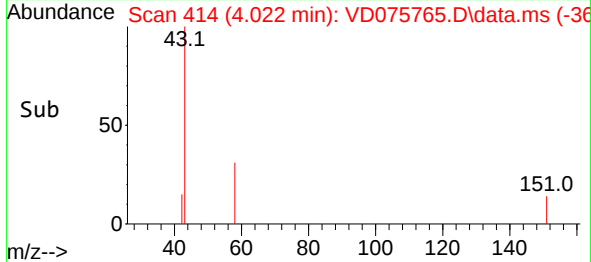
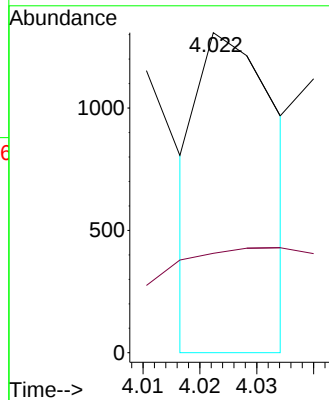
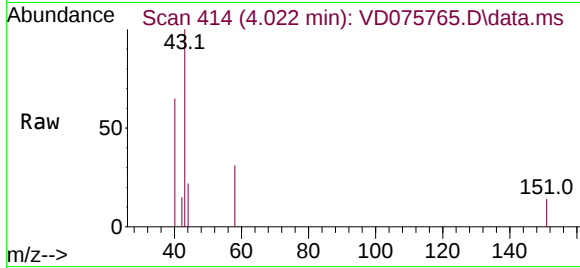
VSTD2.5129

Tgt Ion: 43 Resp: 1231

Ion Ratio Lower Upper

43 100

58 73.9 0.0 87.4



#14

Carbon disulfide

Concen: 2.613 ug/L

RT: 4.269 min Scan# 456

Delta R.T. -0.000 min

Lab File: VD075765.D

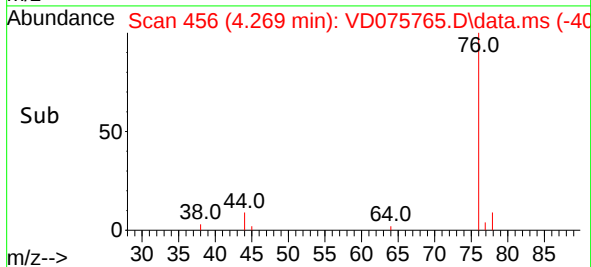
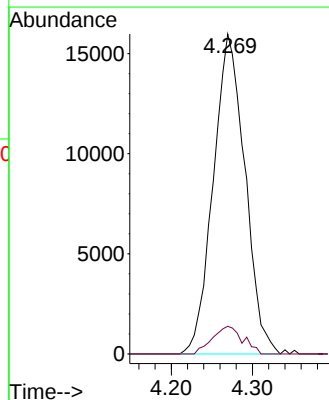
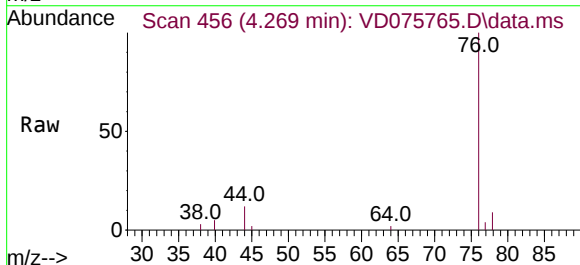
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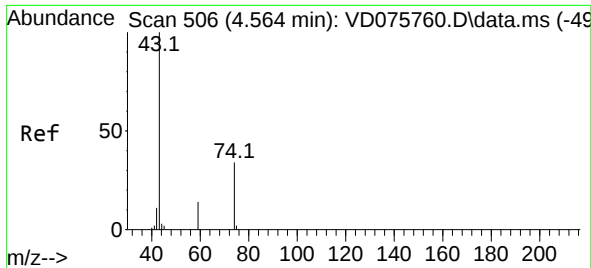
Tgt Ion: 76 Resp: 43317

Ion Ratio Lower Upper

76 100

78 8.6 7.0 10.6

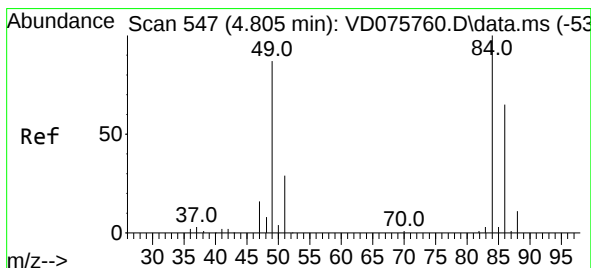
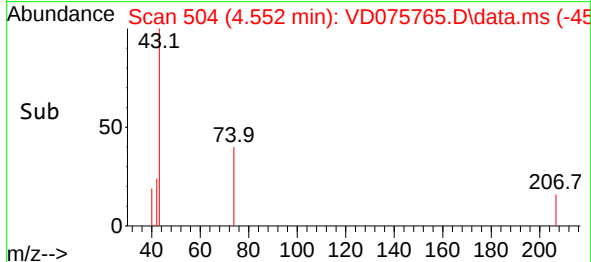
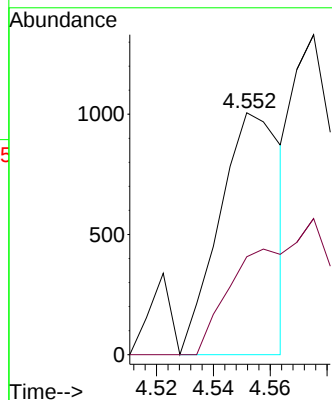
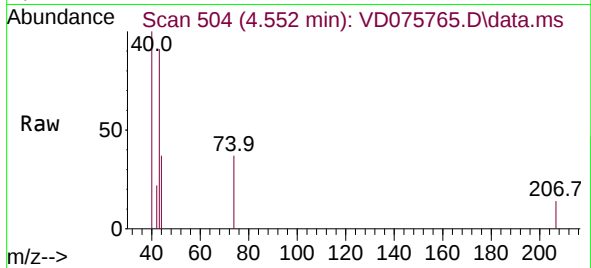




#15
Methyl Acetate
Concen: 1.187 ug/L
RT: 4.552 min Scan# 506
Delta R.T. -0.012 min
Lab File: VD075765.D
Acq: 20 Apr 2023 15:31

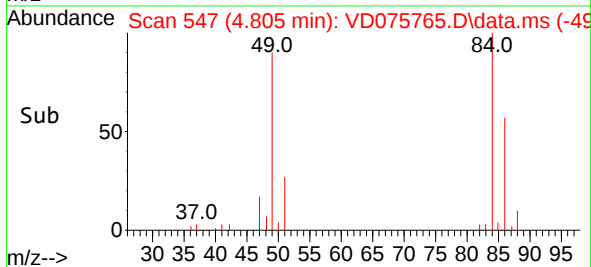
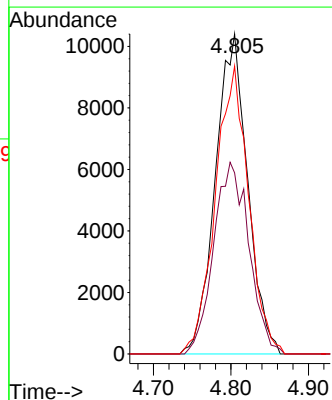
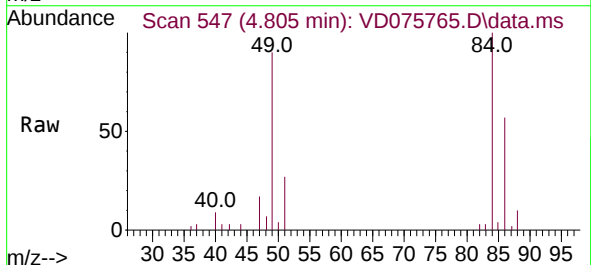
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ClientSampleId :
VSTD2.5129

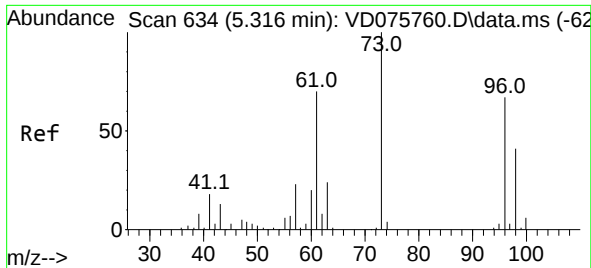
Tgt Ion: 43 Resp: 1514
Ion Ratio Lower Upper
43 100
74 40.0 12.8 19.2#



#16
Methylene chloride
Concen: 4.115 ug/L
RT: 4.805 min Scan# 547
Delta R.T. -0.000 min
Lab File: VD075765.D
Acq: 20 Apr 2023 15:31

Tgt Ion: 84 Resp: 30132
Ion Ratio Lower Upper
84 100
86 56.6 45.8 85.2
49 90.0 60.8 112.8

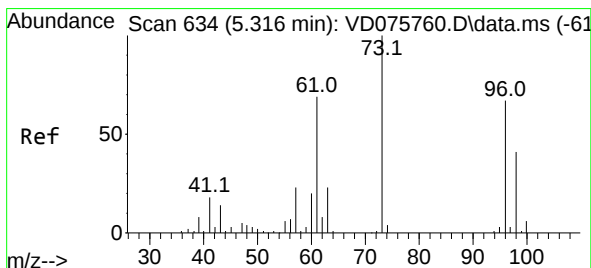
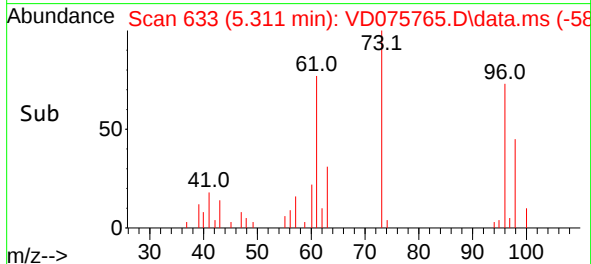
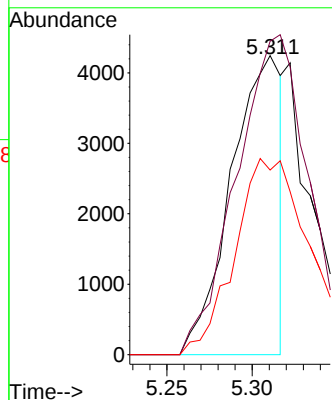
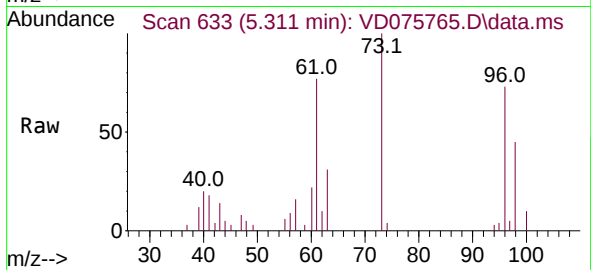




#17
trans-1,2-Dichloroethene
Concen: 1.642 ug/L
RT: 5.311 min Scan# 611
Delta R.T. -0.006 min
Lab File: VD075765.D
Acq: 20 Apr 2023 15:31

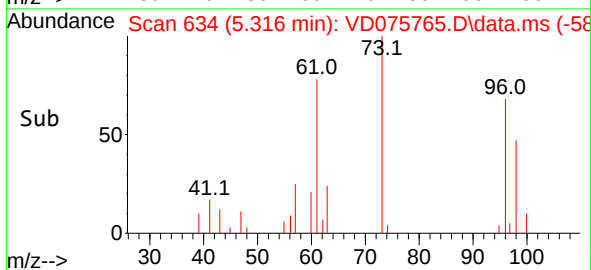
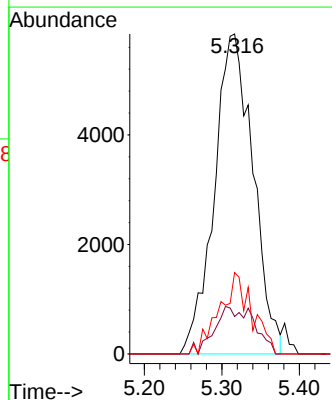
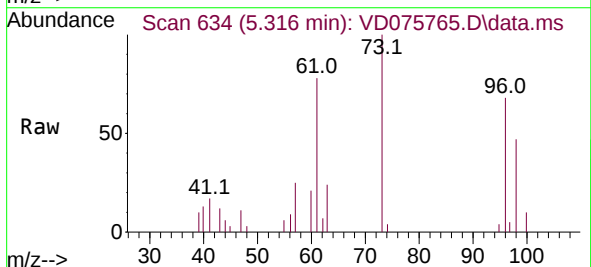
Instrument :
MSVOA_D
ClientSampleId :
VSTD2.5129

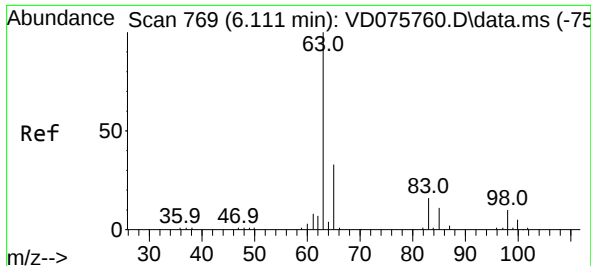
Tgt Ion: 96 Resp: 8736
Ion Ratio Lower Upper
96 100
61 104.9 72.9 135.5
98 61.8 43.0 79.8



#18
Methyl tert-butyl Ether
Concen: 2.382 ug/L
RT: 5.316 min Scan# 634
Delta R.T. -0.000 min
Lab File: VD075765.D
Acq: 20 Apr 2023 15:31

Tgt Ion: 73 Resp: 20335
Ion Ratio Lower Upper
73 100
43 0.0 11.3 16.9#
57 10.8 16.3 24.5#





#19

1,1-Dichloroethane

Concen: 2.606 ug/L

RT: 6.116 min Scan# 71

Delta R.T. 0.006 min

Lab File: VD075765.D

Acq: 20 Apr 2023 15:31

Instrument :

MSVOA_D

ClientSampleId :

VSTD2.5129

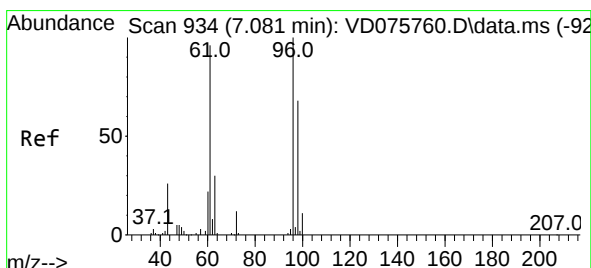
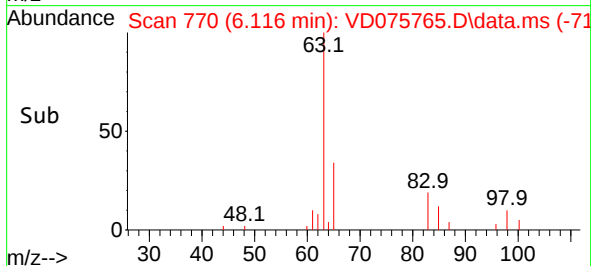
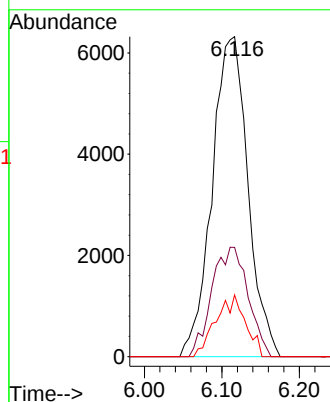
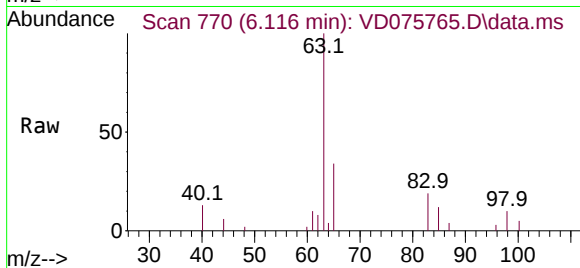
Tgt Ion: 63 Resp: 20321

Ion Ratio Lower Upper

63 100

65 34.2 22.8 42.4

83 19.3 11.2 20.8



#20

cis-1,2-Dichloroethene

Concen: 2.432 ug/L

RT: 7.087 min Scan# 935

Delta R.T. 0.006 min

Lab File: VD075765.D

Acq: 20 Apr 2023 15:31

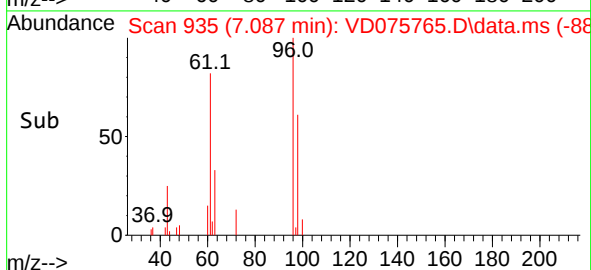
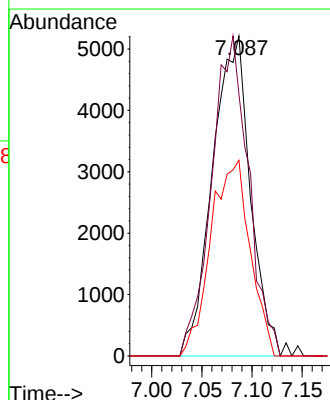
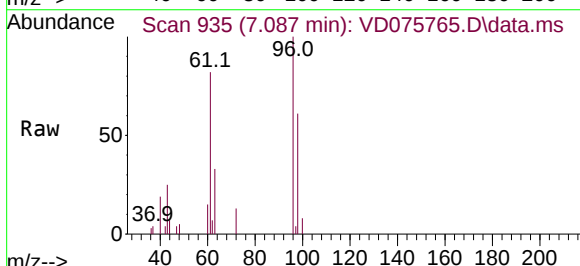
Tgt Ion: 96 Resp: 13686

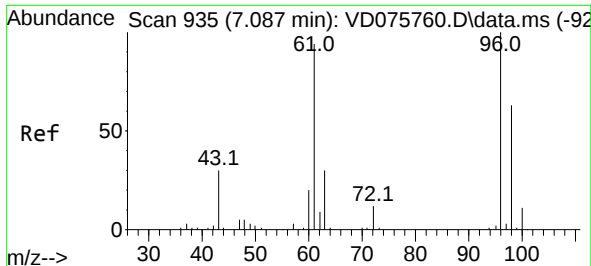
Ion Ratio Lower Upper

96 100

61 81.9 67.5 125.3

98 61.2 47.5 88.1

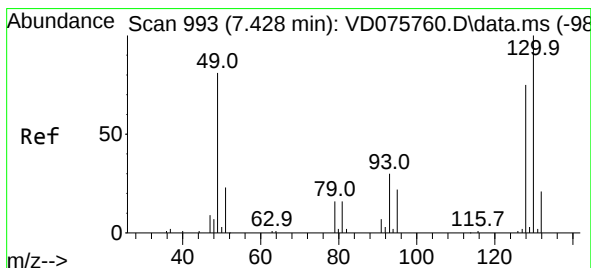
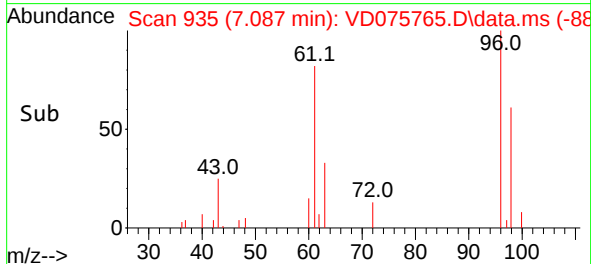
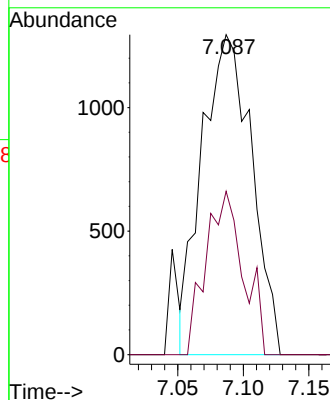
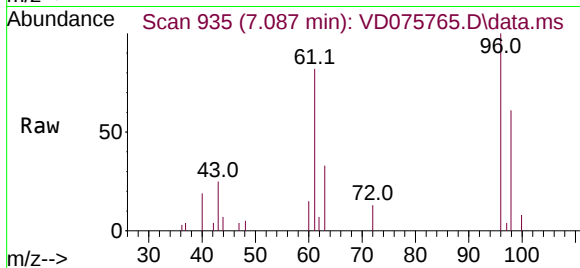




#22
2-Butanone
Concen: 4.458 ug/L
RT: 7.087 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD075765.D
Acq: 20 Apr 2023 15:31

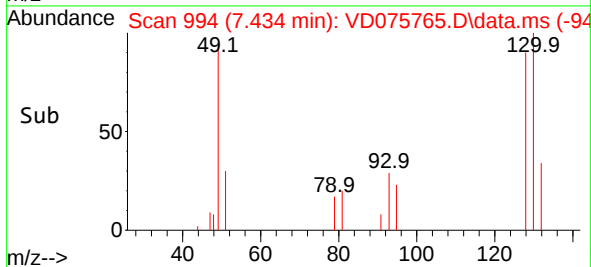
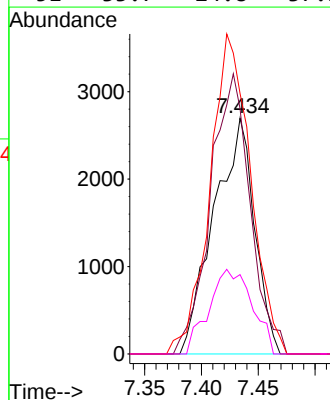
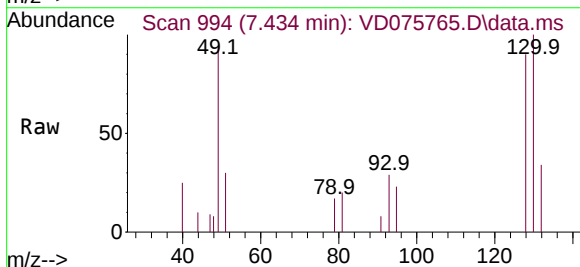
Instrument :
MSVOA_D
ClientSampleId :
VSTD2.5129

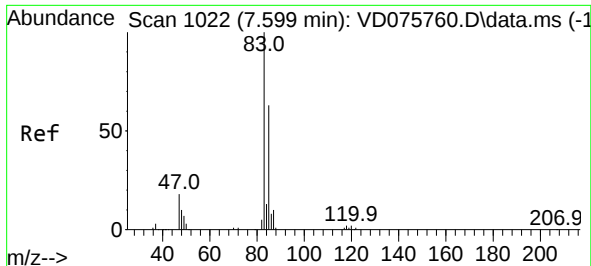
Tgt Ion: 43 Resp: 3419
Ion Ratio Lower Upper
43 100
72 34.8 20.5 61.5



#23
Bromochloromethane
Concen: 2.564 ug/L
RT: 7.434 min Scan# 994
Delta R.T. 0.006 min
Lab File: VD075765.D
Acq: 20 Apr 2023 15:31

Tgt Ion:128 Resp: 6692
Ion Ratio Lower Upper
128 100
49 104.2 76.4 142.0
130 110.6 93.5 173.7
51 33.7 24.8 37.2





#25

Chloroform

Concen: 2.582 ug/L

RT: 7.593 min Scan# 1021

Delta R.T. -0.006 min

Lab File: VD075765.D

Acq: 20 Apr 2023 15:31

Instrument :

MSVOA_D

ClientSampleId :

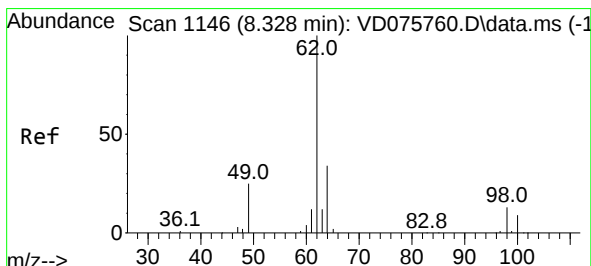
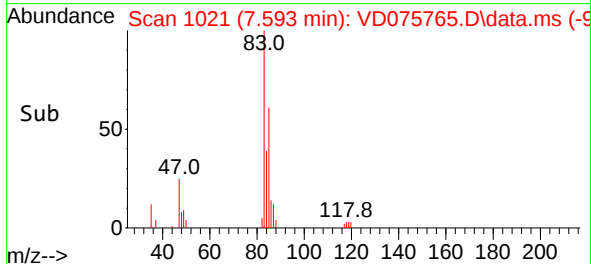
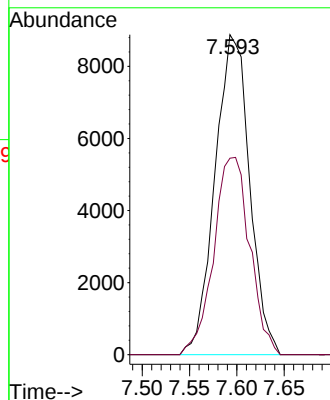
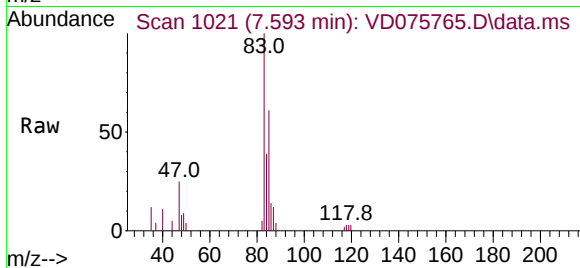
VSTD2.5129

Tgt Ion: 83 Resp: 22558

Ion Ratio Lower Upper

83 100

85 61.4 44.4 82.5



#27

1,2-Dichloroethane

Concen: 2.570 ug/L

RT: 8.328 min Scan# 1146

Delta R.T. -0.000 min

Lab File: VD075765.D

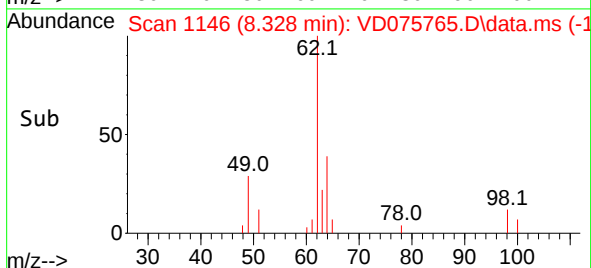
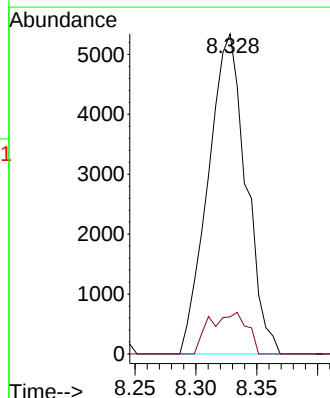
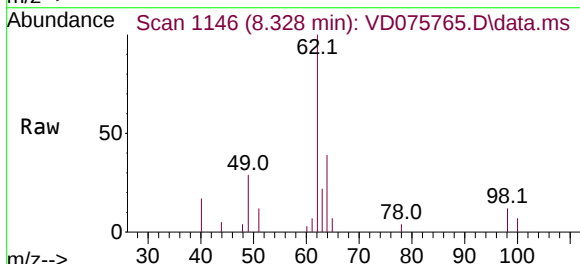
Acq: 20 Apr 2023 15:31

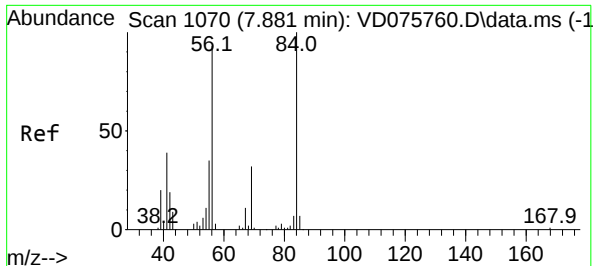
Tgt Ion: 62 Resp: 11591

Ion Ratio Lower Upper

62 100

98 11.6 10.2 15.2





#29

Cyclohexane

Concen: 2.146 ug/L

RT: 7.881 min Scan# 1070

Delta R.T. -0.000 min

Lab File: VD075765.D

Acq: 20 Apr 2023 15:31

Instrument :

MSVOA_D

ClientSampleId :

VSTD2.5129

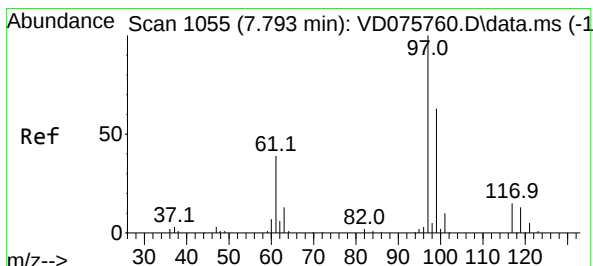
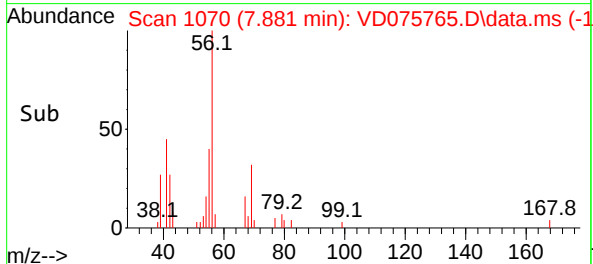
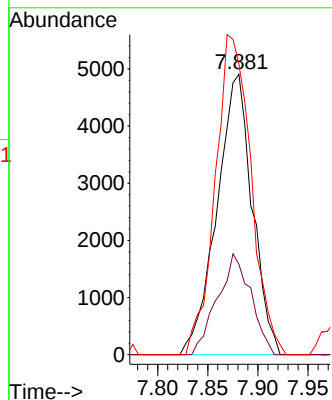
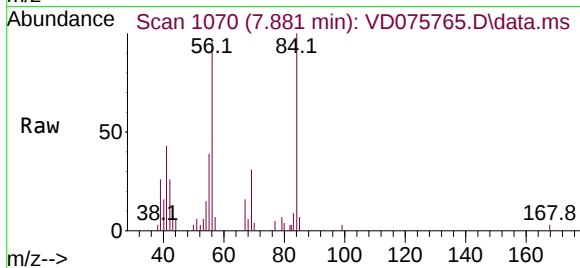
Tgt Ion: 56 Resp: 12025

Ion Ratio Lower Upper

56 100

69 34.0 28.2 42.2

84 115.4 92.4 138.6



#30

1,1,1-Trichloroethane

Concen: 2.628 ug/L

RT: 7.793 min Scan# 1055

Delta R.T. -0.000 min

Lab File: VD075765.D

Acq: 20 Apr 2023 15:31

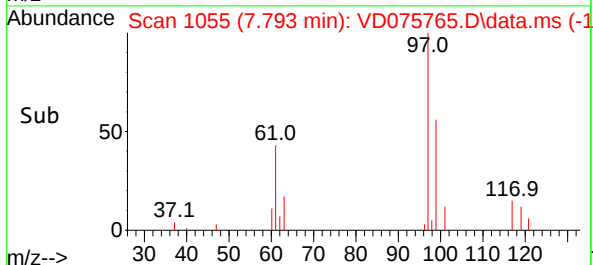
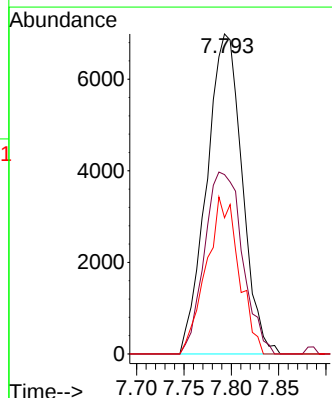
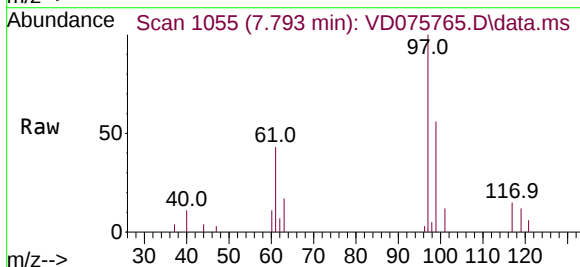
Tgt Ion: 97 Resp: 18204

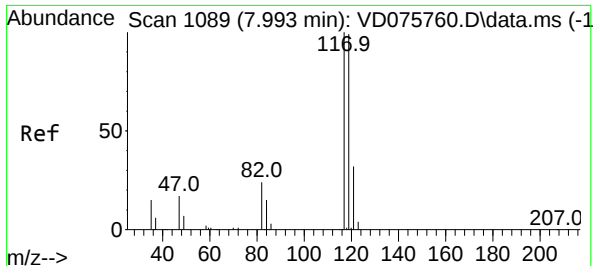
Ion Ratio Lower Upper

97 100

99 60.8 51.5 77.3

61 45.2 32.1 48.1

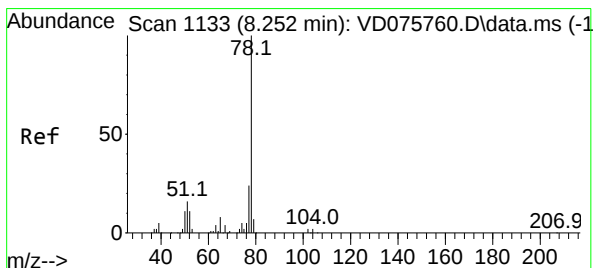
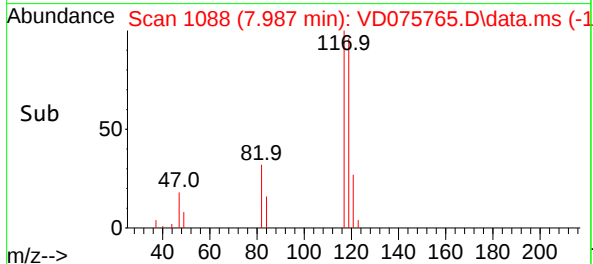
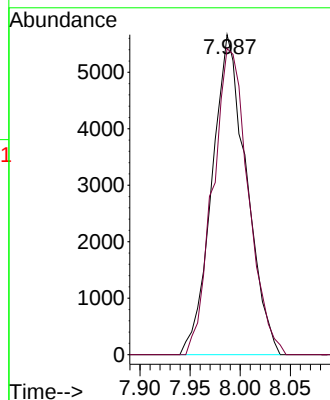
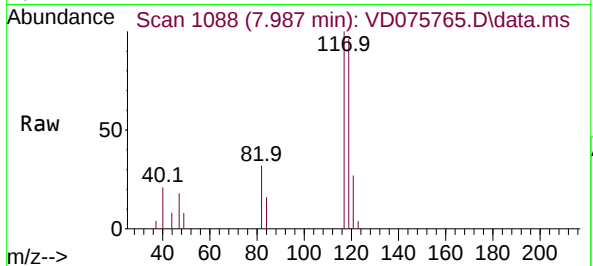




#31
Carbon tetrachloride
Concen: 2.438 ug/L
RT: 7.987 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD075765.D
Acq: 20 Apr 2023 15:31

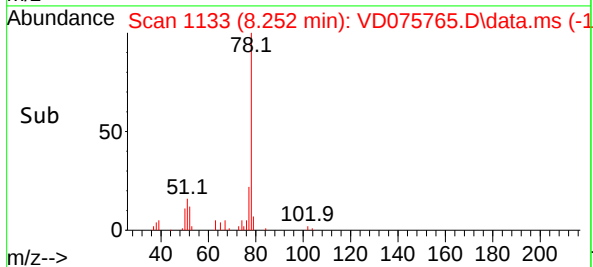
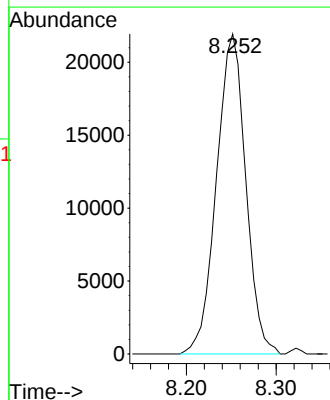
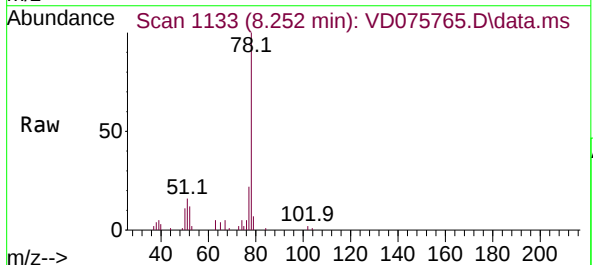
Instrument :
MSVOA_D
ClientSampleId :
VSTD2.5129

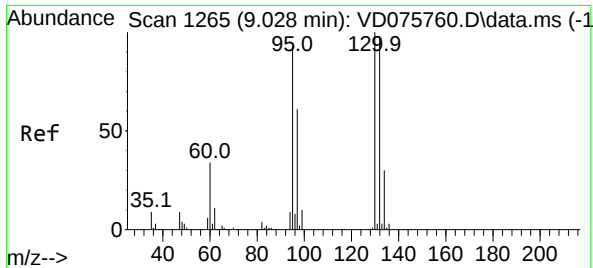
Tgt Ion:117 Resp: 13549
Ion Ratio Lower Upper
117 100
119 98.3 78.2 117.4



#33
Benzene
Concen: 2.509 ug/L
RT: 8.252 min Scan# 1133
Delta R.T. -0.000 min
Lab File: VD075765.D
Acq: 20 Apr 2023 15:31

Tgt Ion: 78 Resp: 49676



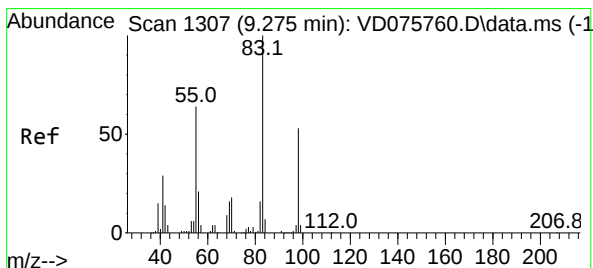
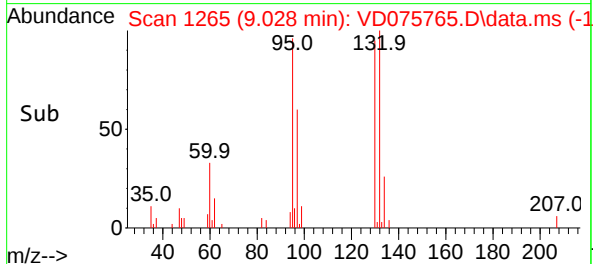
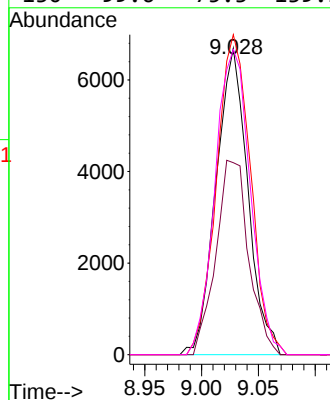
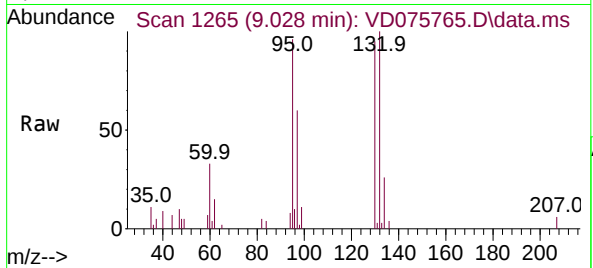


#34
Trichloroethene
Concen: 2.545 ug/L
RT: 9.028 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075765.D
Acq: 20 Apr 2023 15:31

Instrument :
MSVOA_D
ClientSampleId :
VSTD2.5129

Tgt Ion: 95 Resp: 13030

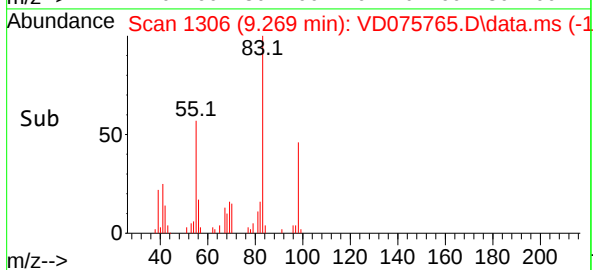
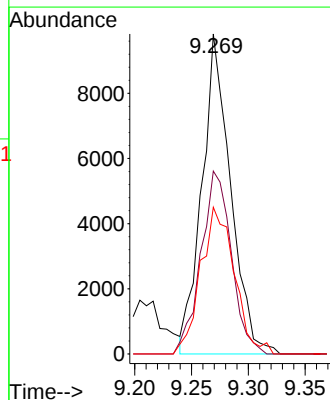
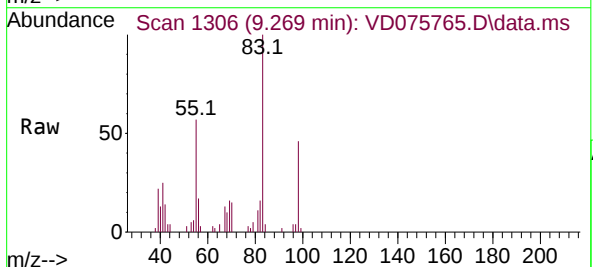
Ion	Ratio	Lower	Upper
95	100		
97	62.7	46.0	85.4
132	104.5	73.3	136.1
130	99.6	75.3	139.9

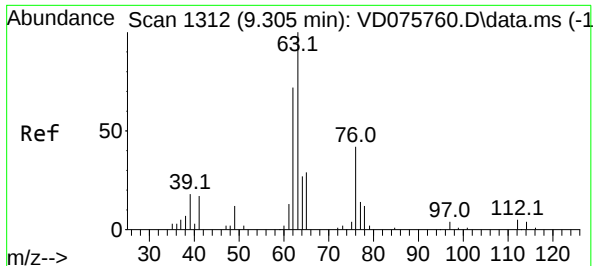


#35
Methylcyclohexane
Concen: 2.184 ug/L
RT: 9.269 min Scan# 1306
Delta R.T. -0.006 min
Lab File: VD075765.D
Acq: 20 Apr 2023 15:31

Tgt Ion: 83 Resp: 17245

Ion	Ratio	Lower	Upper
83	100		
55	60.6	48.2	72.2
98	53.0	40.8	61.2





#37

1,2-Dichloropropane

Concen: 2.511 ug/L

RT: 9.304 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD075765.D

Acq: 20 Apr 2023 15:31

Instrument :

MSVOA_D

ClientSampleId :

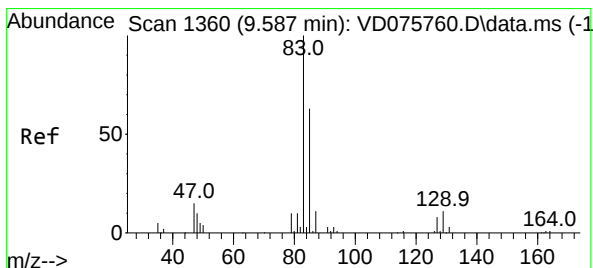
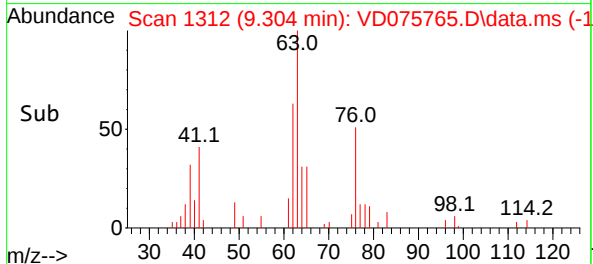
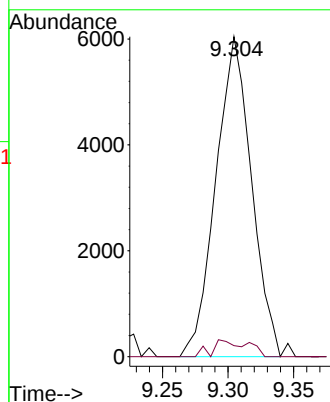
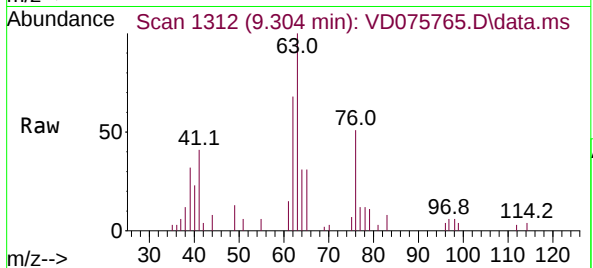
VSTD2.5129

Tgt Ion: 63 Resp: 11423

Ion Ratio Lower Upper

63 100

112 1.5 4.0 6.0#



#38

Bromodichloromethane

Concen: 2.641 ug/L

RT: 9.587 min Scan# 1360

Delta R.T. -0.000 min

Lab File: VD075765.D

Acq: 20 Apr 2023 15:31

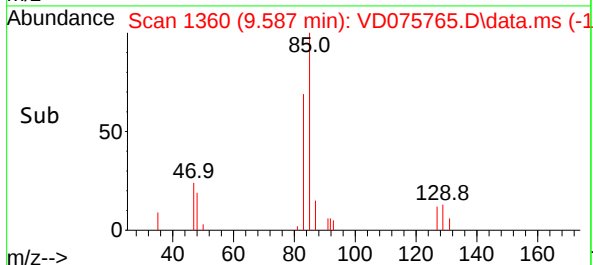
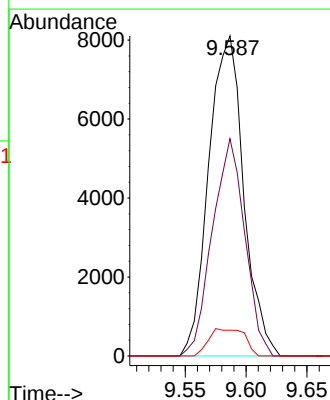
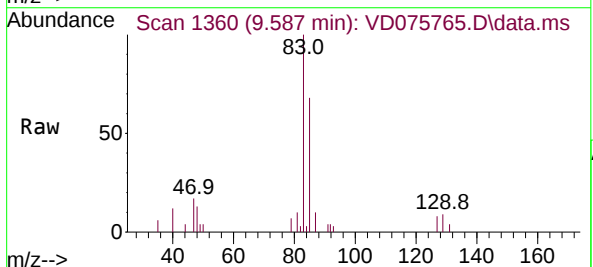
Tgt Ion: 83 Resp: 16198

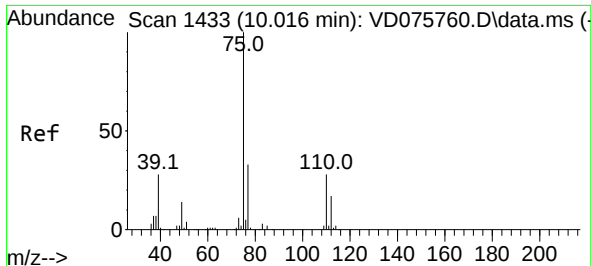
Ion Ratio Lower Upper

83 100

85 67.9 44.2 82.2

127 8.0 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 2.375 ug/L

RT: 10.016 min Scan# 1433

Delta R.T. -0.000 min

Lab File: VD075765.D

Acq: 20 Apr 2023 15:31

Instrument :

MSVOA_D

ClientSampleId :

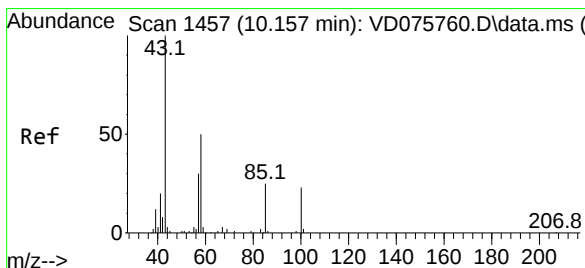
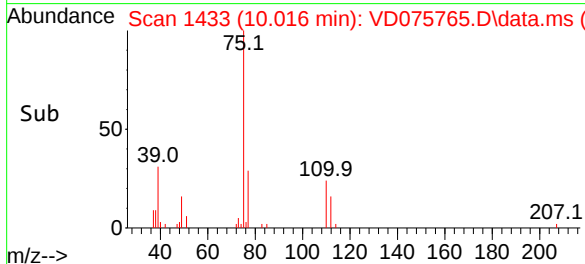
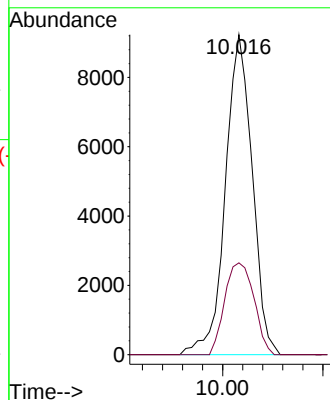
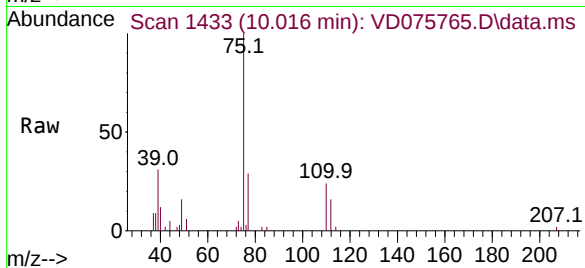
VSTD2.5129

Tgt Ion: 75 Resp: 17177

Ion Ratio Lower Upper

75 100

77 28.7 23.4 43.6



#40

4-Methyl-2-pentanone

Concen: 4.457 ug/L

RT: 10.163 min Scan# 1458

Delta R.T. 0.006 min

Lab File: VD075765.D

Acq: 20 Apr 2023 15:31

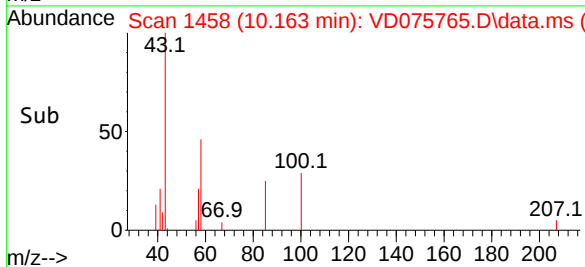
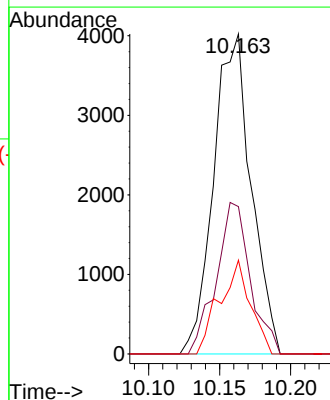
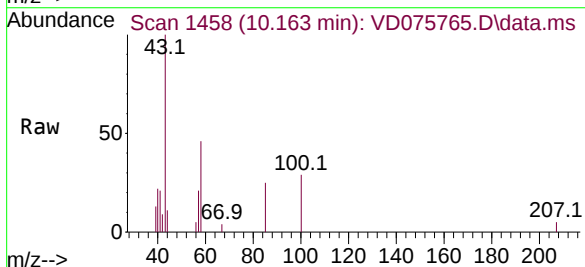
Tgt Ion: 43 Resp: 7391

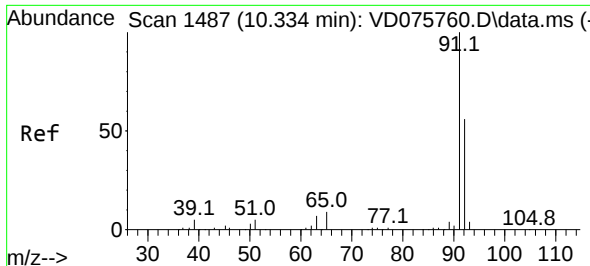
Ion Ratio Lower Upper

43 100

58 43.0 39.1 58.7

100 24.1 19.4 29.0

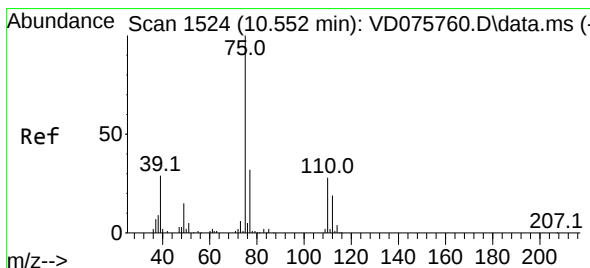
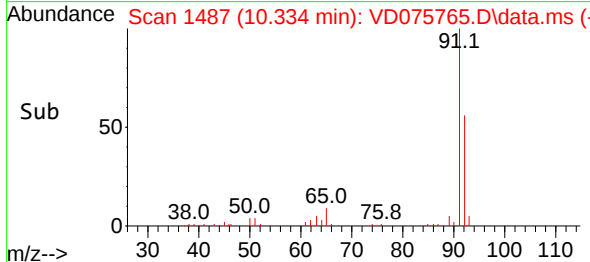
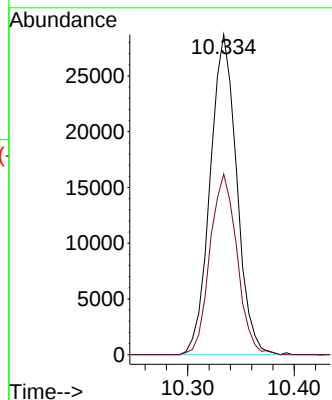
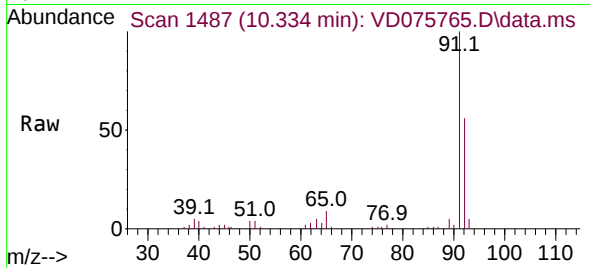




#42
Toluene
Concen: 2.321 ug/L
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD075765.D
Acq: 20 Apr 2023 15:31

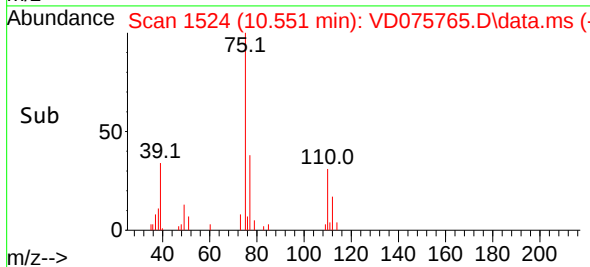
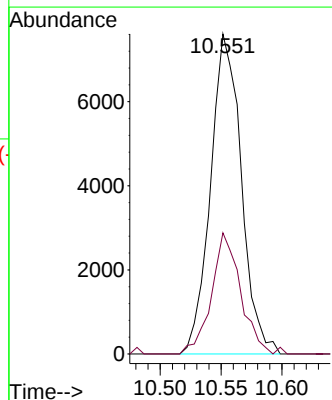
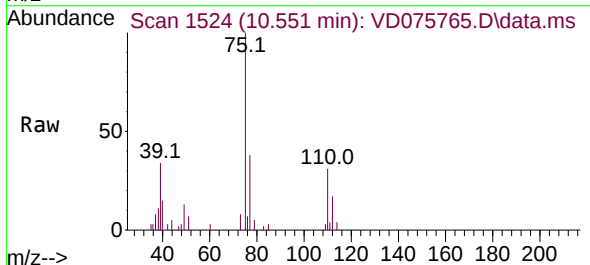
Instrument :
MSVOA_D
ClientSampleId :
VSTD2.5129

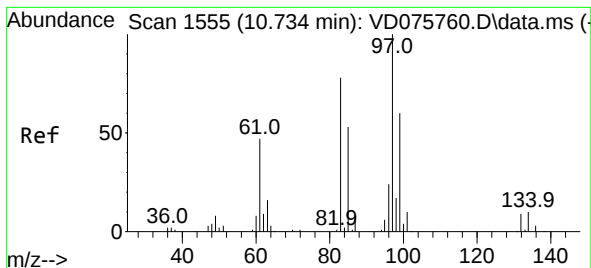
Tgt Ion: 91 Resp: 49739
Ion Ratio Lower Upper
91 100
92 56.4 39.3 72.9



#44
trans-1,3-Dichloropropene
Concen: 2.304 ug/L
RT: 10.551 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VD075765.D
Acq: 20 Apr 2023 15:31

Tgt Ion: 75 Resp: 13391
Ion Ratio Lower Upper
75 100
77 37.8 22.0 41.0





#45

1,1,2-Trichloroethane

Concen: 2.665 ug/L

RT: 10.734 min Scan# 1555

Delta R.T. -0.000 min

Lab File: VD075765.D

Acq: 20 Apr 2023 15:31

Instrument :

MSVOA_D

ClientSampleId :

VSTD2.5129

Tgt Ion: 97 Resp: 10312

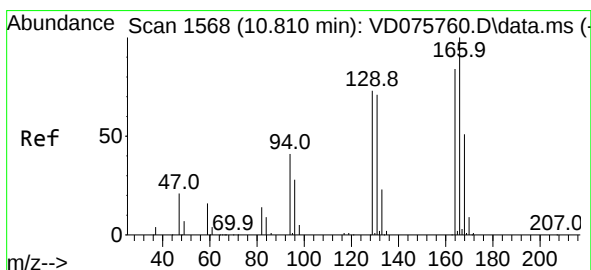
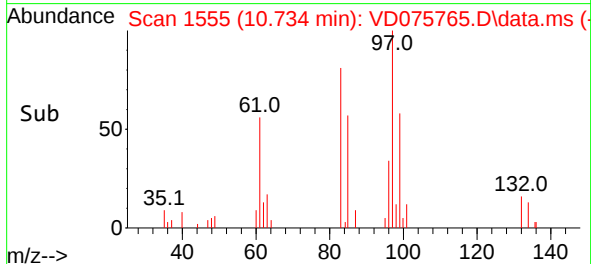
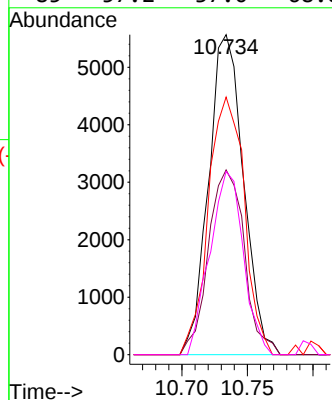
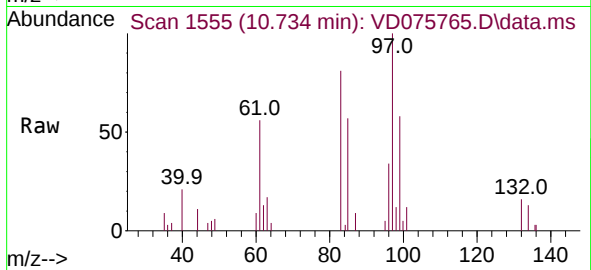
Ion Ratio Lower Upper

97 100

99 57.8 42.2 78.4

83 80.5 54.8 101.8

85 57.2 37.0 68.8



#46

Tetrachloroethene

Concen: 2.612 ug/L

RT: 10.810 min Scan# 1568

Delta R.T. -0.000 min

Lab File: VD075765.D

Acq: 20 Apr 2023 15:31

Tgt Ion: 164 Resp: 10971

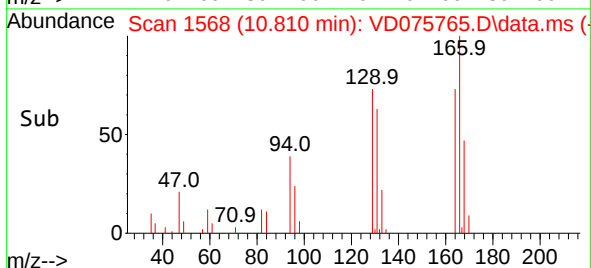
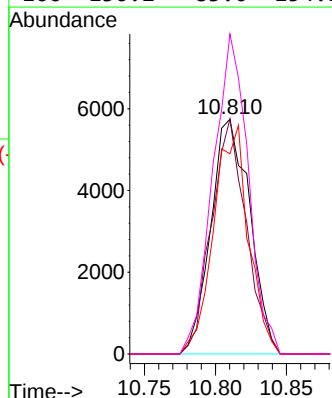
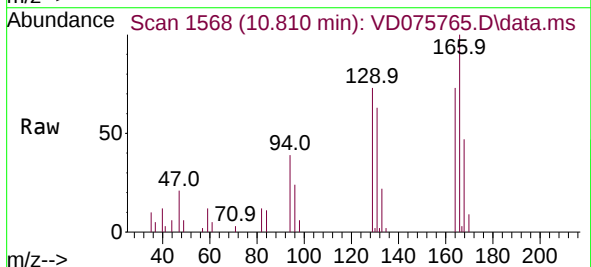
Ion Ratio Lower Upper

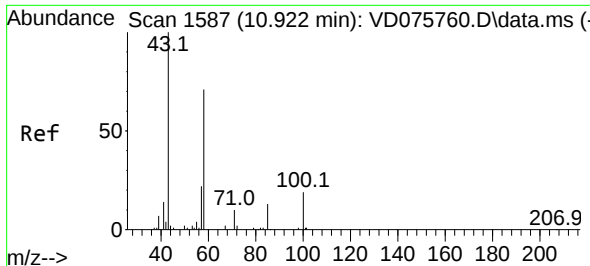
164 100

129 100.1 60.3 112.1

131 85.2 58.9 109.3

166 136.2 83.0 154.1

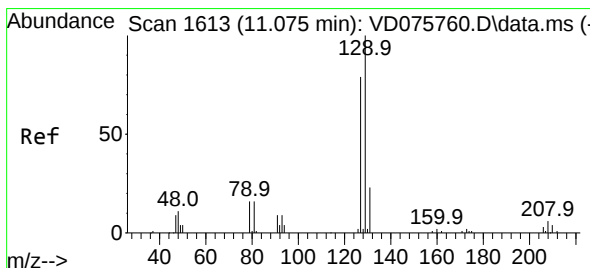
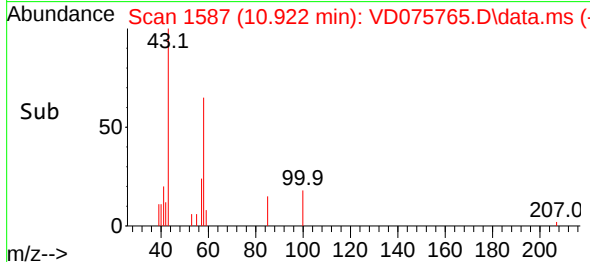
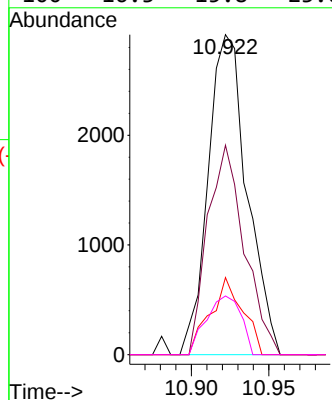
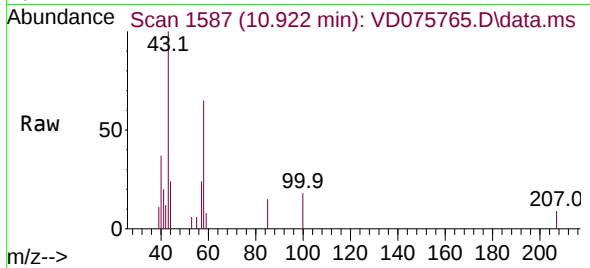




#48
2-Hexanone
Concen: 4.375 ug/L
RT: 10.922 min Scan# 1115
Delta R.T. -0.000 min
Lab File: VD075765.D
Acq: 20 Apr 2023 15:31

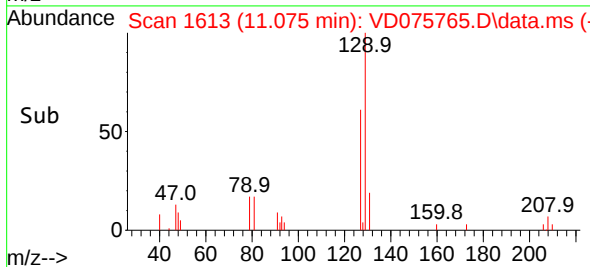
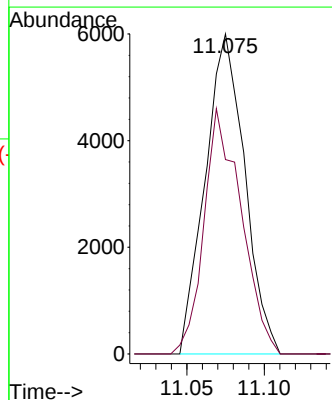
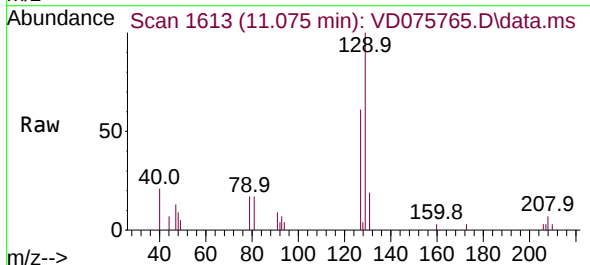
Instrument :
MSVOA_D
ClientSampleId :
VSTD2.5129

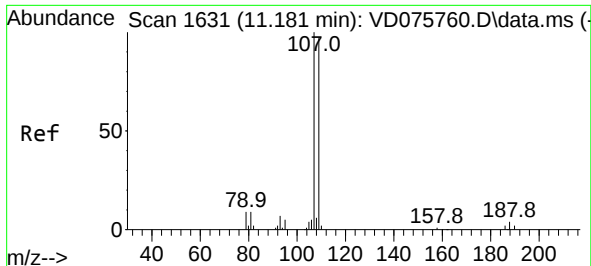
Tgt Ion: 43	Resp:	5115
Ion	Ratio	Lower Upper
43	100	
58	61.5	59.7 89.5
57	19.9	17.9 26.9
100	16.3	15.8 23.6



#49
Dibromochloromethane
Concen: 2.527 ug/L
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD075765.D
Acq: 20 Apr 2023 15:31

Tgt Ion: 129	Resp:	10644
Ion	Ratio	Lower Upper
129	100	
127	60.7	55.6 103.4

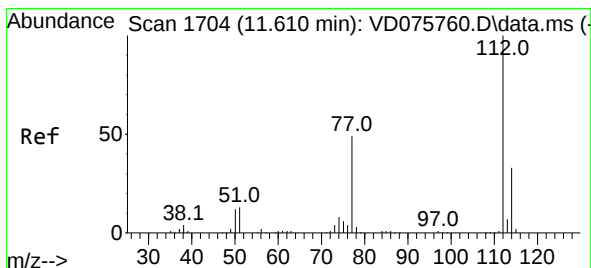
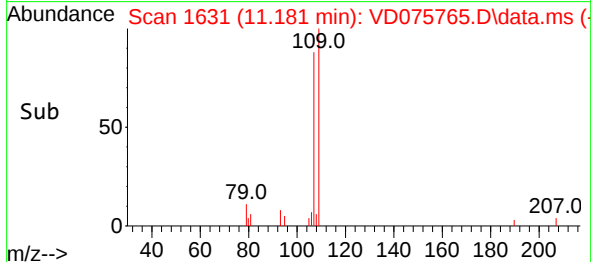
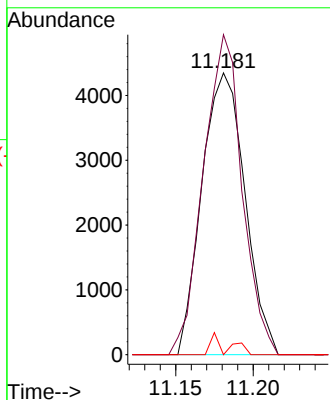
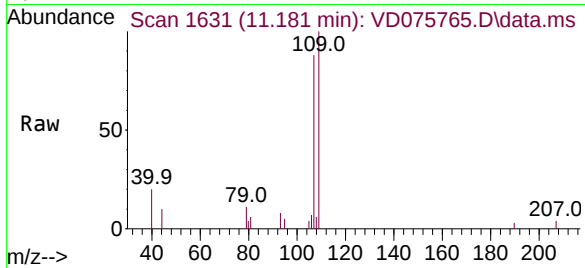




#50
1,2-Dibromoethane
Concen: 2.406 ug/L
RT: 11.181 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD075765.D
Acq: 20 Apr 2023 15:31

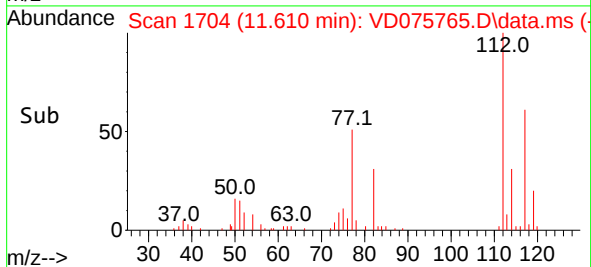
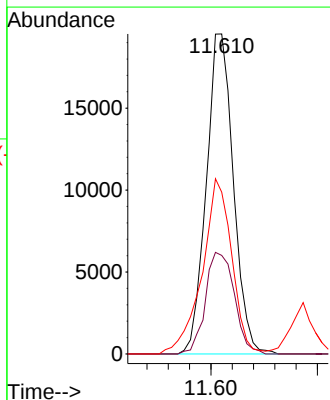
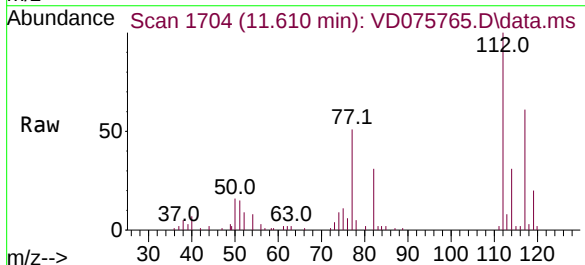
Instrument :
MSVOA_D
ClientSampleId :
VSTD2.5129

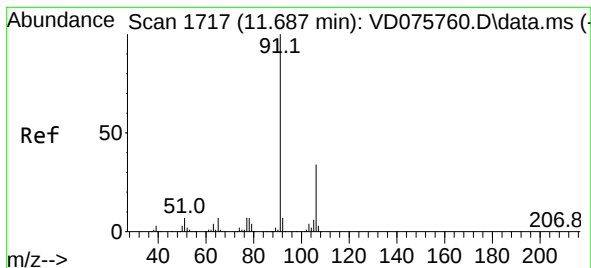
Tgt Ion:107 Resp: 8393
Ion Ratio Lower Upper
107 100
109 113.6 67.6 125.6
188 0.0 3.0 4.6#



#51
Chlorobenzene
Concen: 2.465 ug/L
RT: 11.610 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VD075765.D
Acq: 20 Apr 2023 15:31

Tgt Ion:112 Resp: 34555
Ion Ratio Lower Upper
112 100
114 30.8 23.0 42.8
77 50.5 39.7 59.5

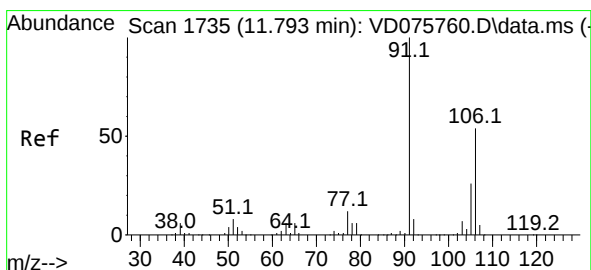
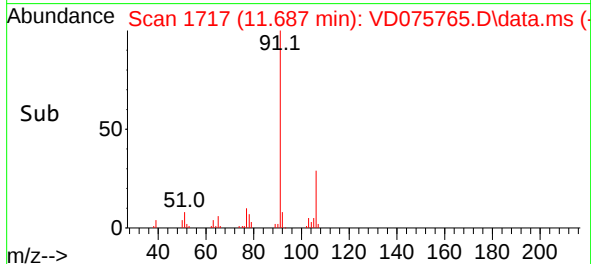
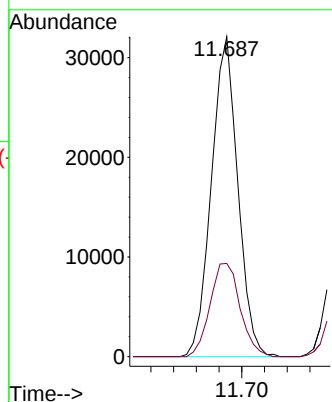
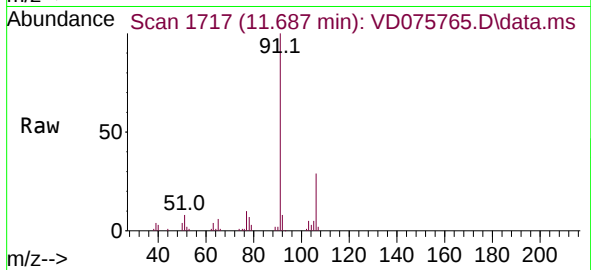




#52
Ethylbenzene
Concen: 2.360 ug/L
RT: 11.687 min Scan# 1717
Delta R.T. -0.000 min
Lab File: VD075765.D
Acq: 20 Apr 2023 15:31

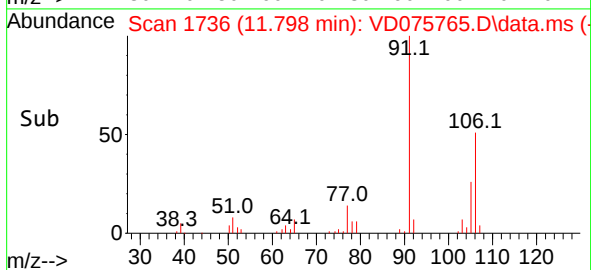
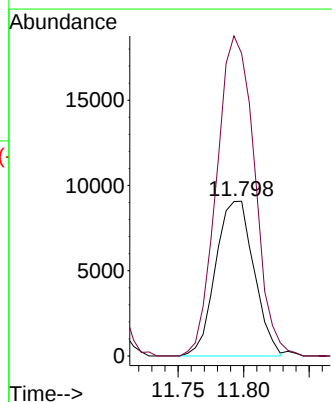
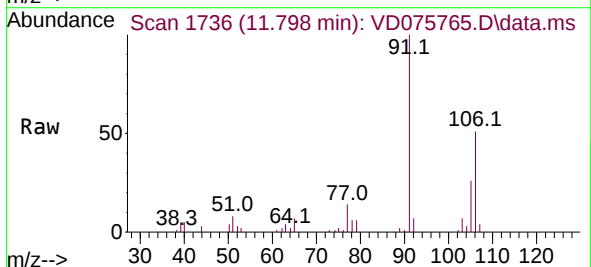
Instrument :
MSVOA_D
ClientSampleId :
VSTD2.5129

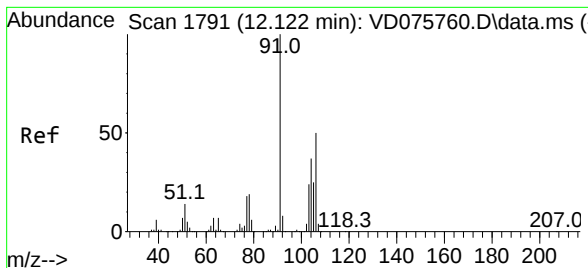
Tgt Ion: 91 Resp: 51850
Ion Ratio Lower Upper
91 100
106 29.2 23.7 43.9



#53
m,p-Xylene
Concen: 2.108 ug/L
RT: 11.798 min Scan# 1736
Delta R.T. 0.006 min
Lab File: VD075765.D
Acq: 20 Apr 2023 15:31

Tgt Ion: 106 Resp: 18443
Ion Ratio Lower Upper
106 100
91 195.5 130.9 243.1

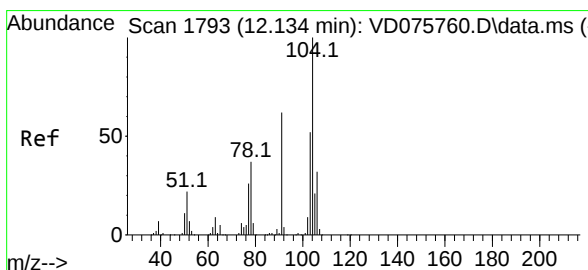
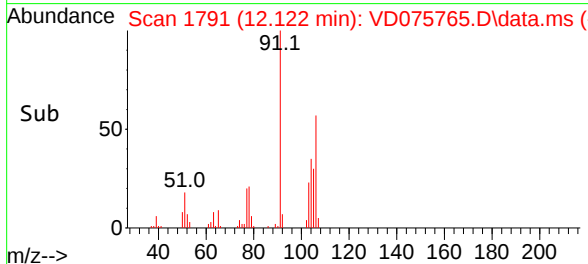
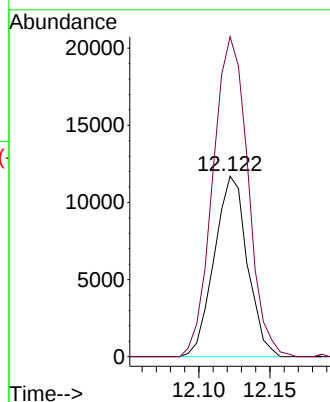
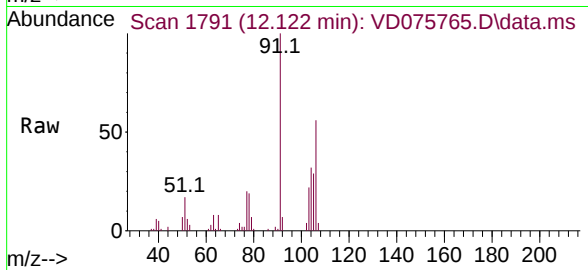




#54
o-Xylene
Concen: 2.282 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD075765.D
Acq: 20 Apr 2023 15:31

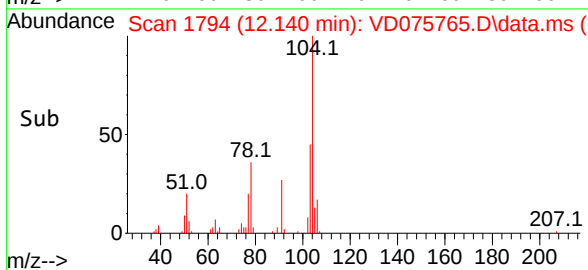
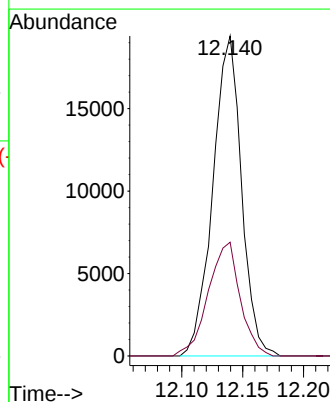
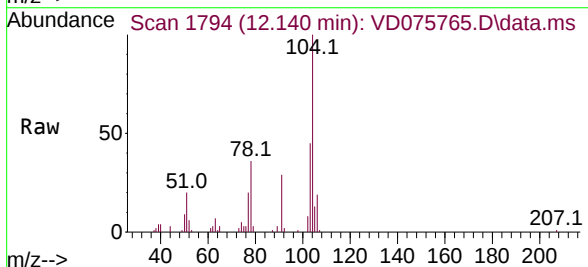
Instrument :
MSVOA_D
ClientSampleId :
VSTD2.5129

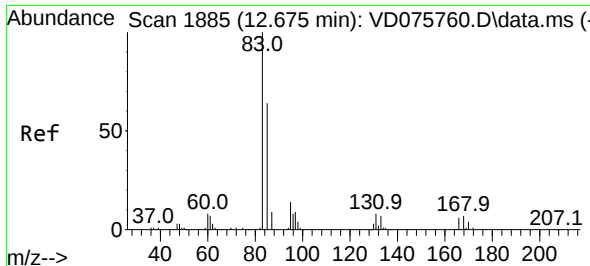
Tgt Ion:106 Resp: 18965
Ion Ratio Lower Upper
106 100
91 177.3 139.8 259.6



#55
Styrene
Concen: 2.197 ug/L
RT: 12.140 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VD075765.D
Acq: 20 Apr 2023 15:31

Tgt Ion:104 Resp: 31777
Ion Ratio Lower Upper
104 100
78 35.6 26.2 48.6

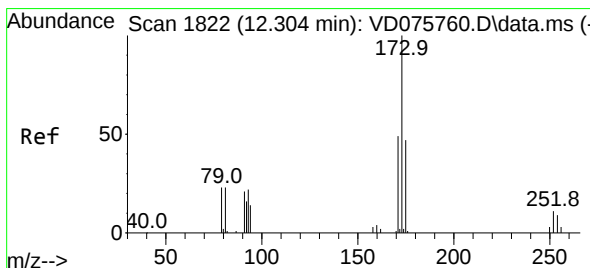
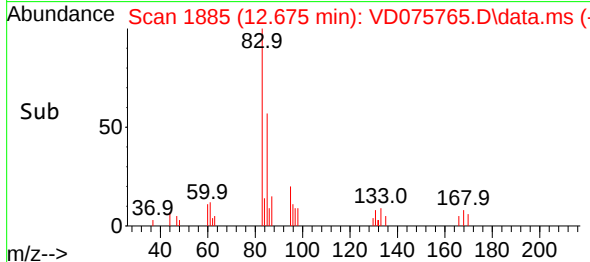
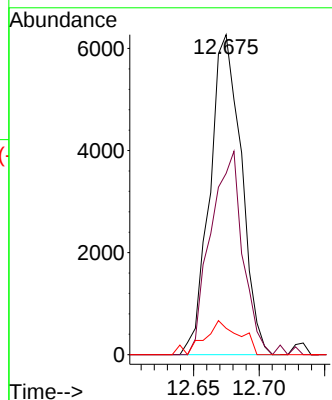
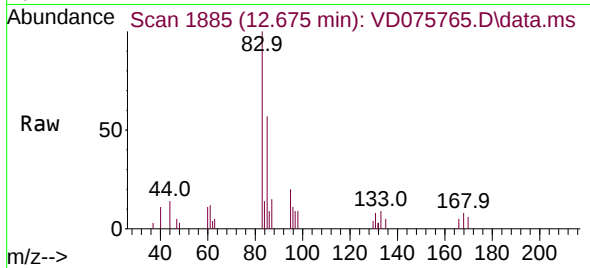




#57
1,1,2,2-Tetrachloroethane
Concen: 2.661 ug/L
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD075765.D
Acq: 20 Apr 2023 15:31

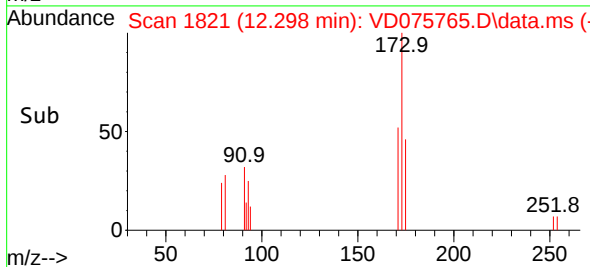
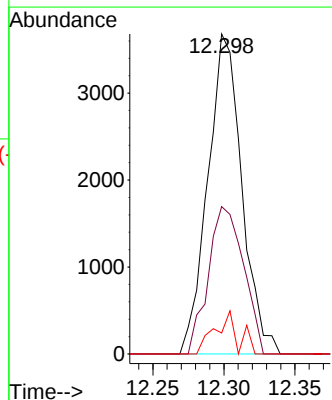
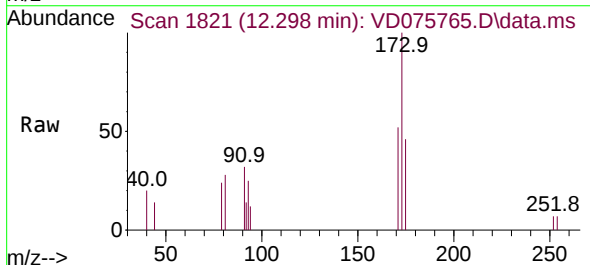
Instrument :
MSVOA_D
ClientSampleId :
VSTD2.5129

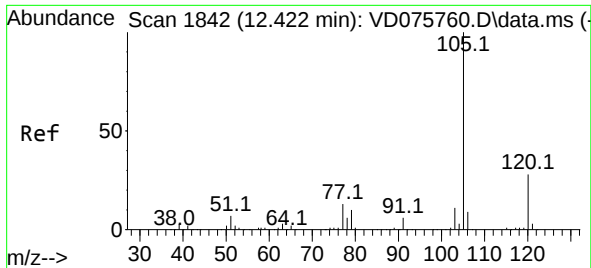
Tgt Ion: 83 Resp: 10477
Ion Ratio Lower Upper
83 100
85 56.7 45.1 83.7
131 11.1 7.0 10.6#



#59
Bromoform
Concen: 2.788 ug/L
RT: 12.298 min Scan# 1821
Delta R.T. -0.006 min
Lab File: VD075765.D
Acq: 20 Apr 2023 15:31

Tgt Ion: 173 Resp: 6131
Ion Ratio Lower Upper
173 100
175 47.7 39.4 59.0
254 4.3 7.4 11.2#

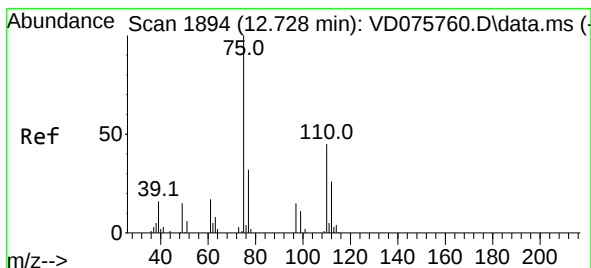
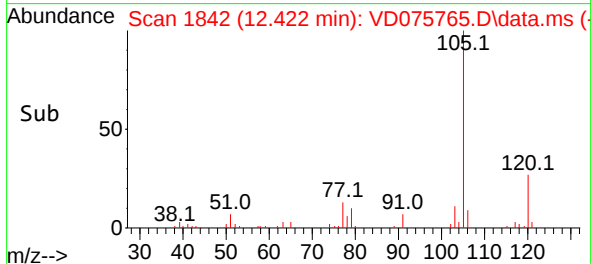
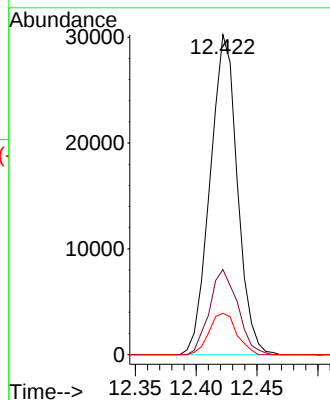
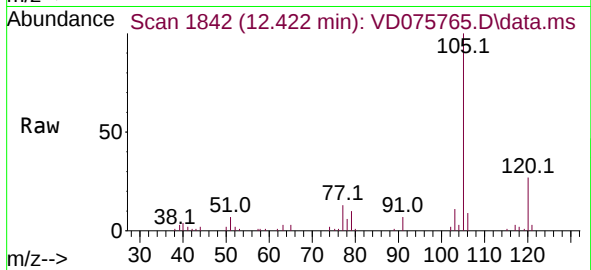




#60
Isopropylbenzene
Concen: 2.481 ug/L
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD075765.D
Acq: 20 Apr 2023 15:31

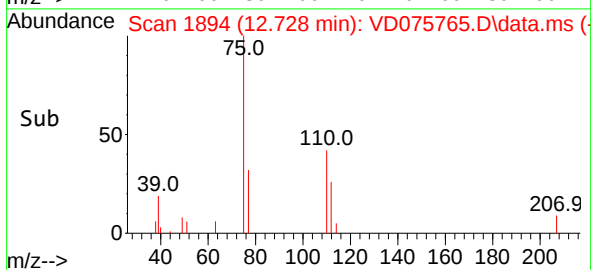
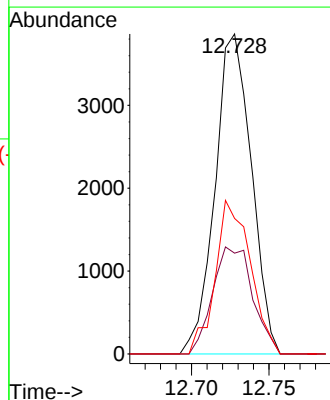
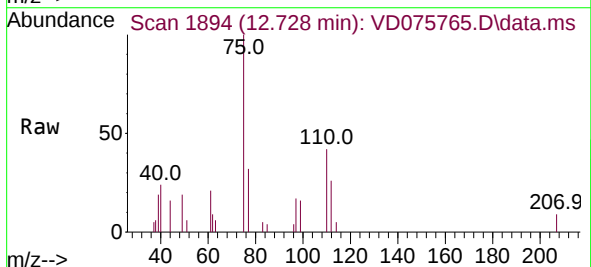
Instrument :
MSVOA_D
ClientSampleId :
VSTD2.5129

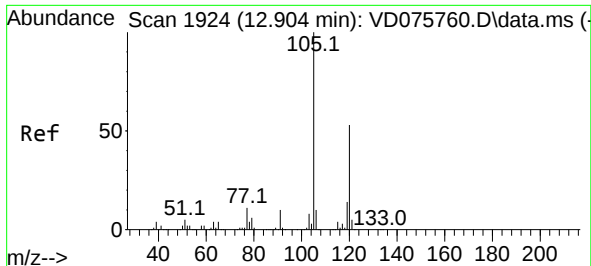
Tgt Ion:105 Resp: 47202
Ion Ratio Lower Upper
105 100
120 27.5 22.7 34.1
77 13.0 10.9 16.3



#61
1,2,3-Trichloropropane
Concen: 2.795 ug/L
RT: 12.728 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VD075765.D
Acq: 20 Apr 2023 15:31

Tgt Ion: 75 Resp: 6302
Ion Ratio Lower Upper
75 100
77 36.8 26.6 39.8
110 46.2 33.5 50.3

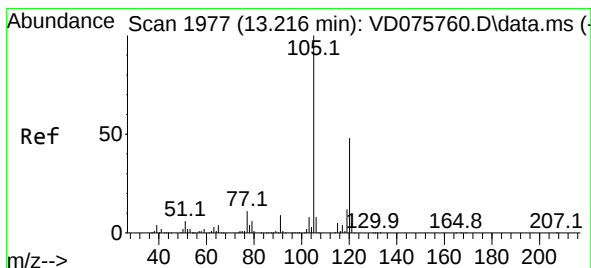
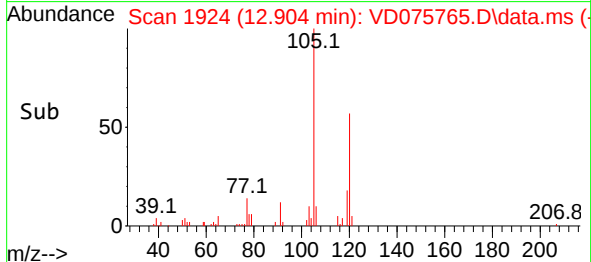
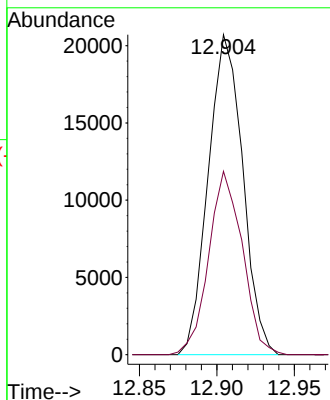
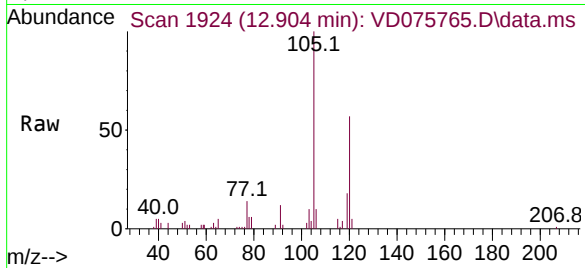




#62
1,3,5-Trimethylbenzene
Concen: 2.257 ug/L
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD075765.D
Acq: 20 Apr 2023 15:31

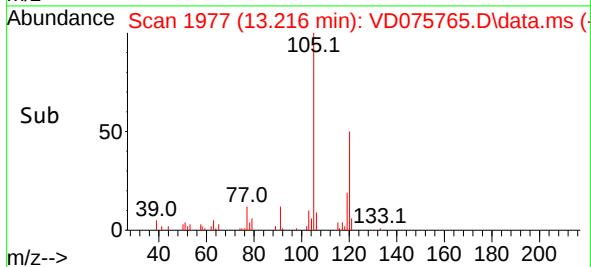
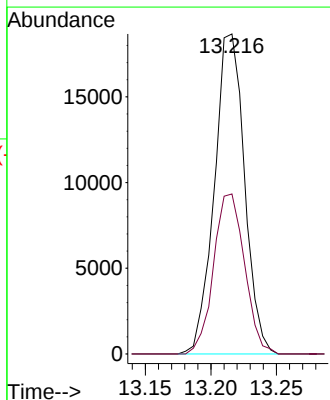
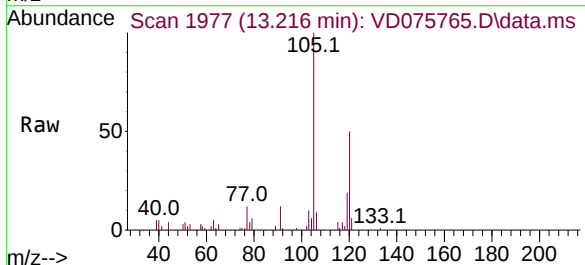
Instrument :
MSVOA_D
ClientSampleId :
VSTD2.5129

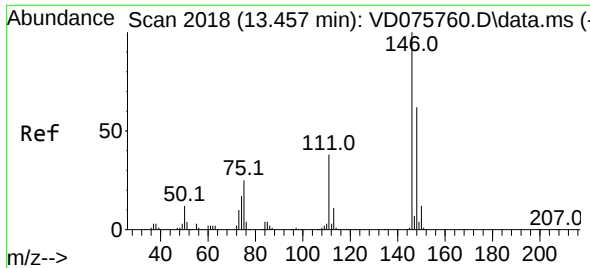
Tgt Ion:105 Resp: 32025
Ion Ratio Lower Upper
105 100
120 56.1 42.0 63.0



#63
1,2,4-Trimethylbenzene
Concen: 2.185 ug/L
RT: 13.216 min Scan# 1977
Delta R.T. -0.000 min
Lab File: VD075765.D
Acq: 20 Apr 2023 15:31

Tgt Ion:105 Resp: 29883
Ion Ratio Lower Upper
105 100
120 51.3 39.0 58.6

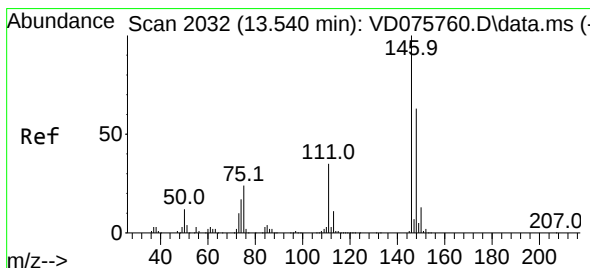
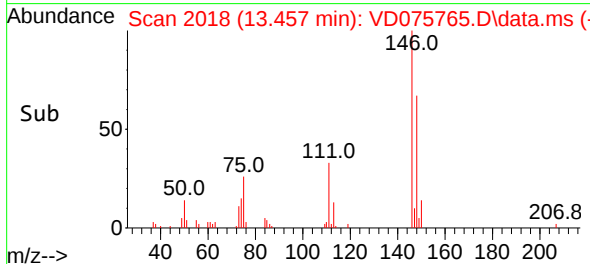
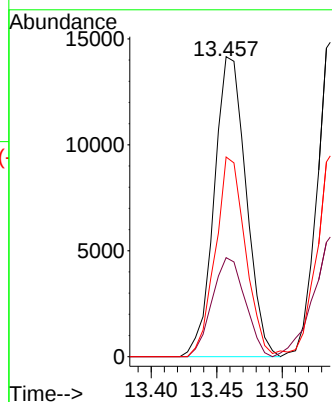
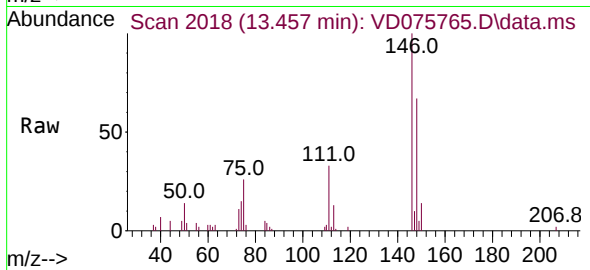




#64
1,3-Dichlorobenzene
Concen: 2.630 ug/L
RT: 13.457 min Scan# 2018
Delta R.T. -0.000 min
Lab File: VD075765.D
Acq: 20 Apr 2023 15:31

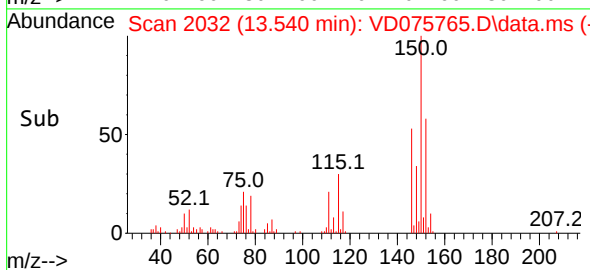
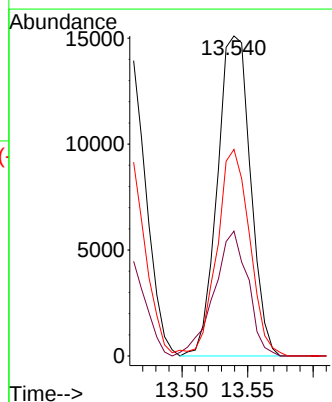
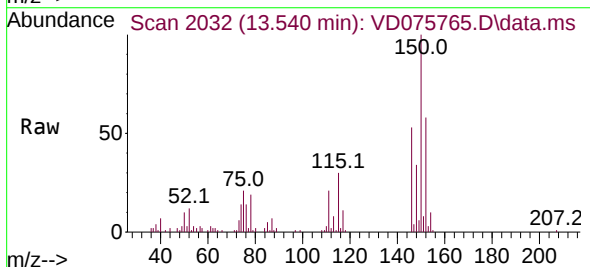
Instrument :
MSVOA_D
ClientSampleId :
VSTD2.5129

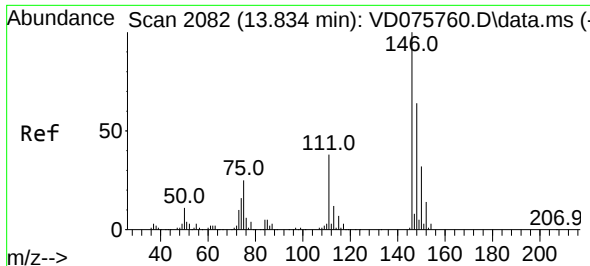
Tgt Ion:146 Resp: 23949
Ion Ratio Lower Upper
146 100
111 33.0 26.5 49.1
148 66.6 43.8 81.3



#65
1,4-Dichlorobenzene
Concen: 2.776 ug/L
RT: 13.540 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD075765.D
Acq: 20 Apr 2023 15:31

Tgt Ion:146 Resp: 26529
Ion Ratio Lower Upper
146 100
111 39.0 24.6 45.8
148 64.5 44.4 82.4

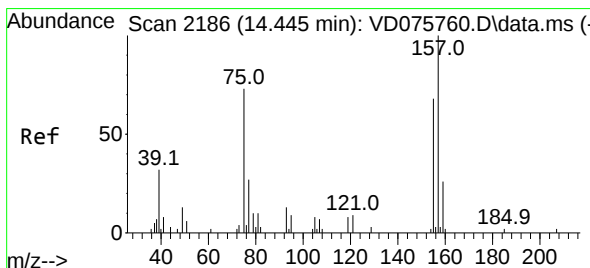
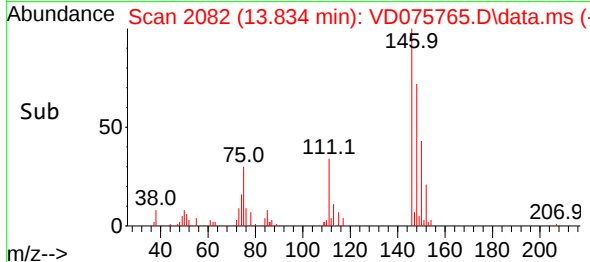
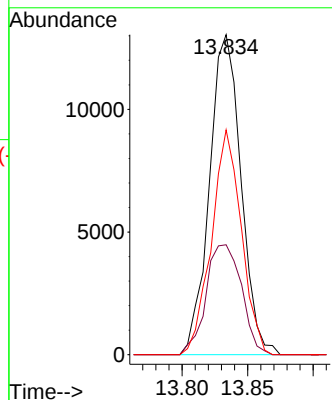
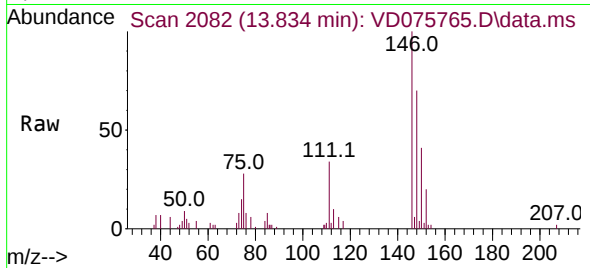




#67
1,2-Dichlorobenzene
Concen: 2.688 ug/L
RT: 13.834 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VD075765.D
Acq: 20 Apr 2023 15:31

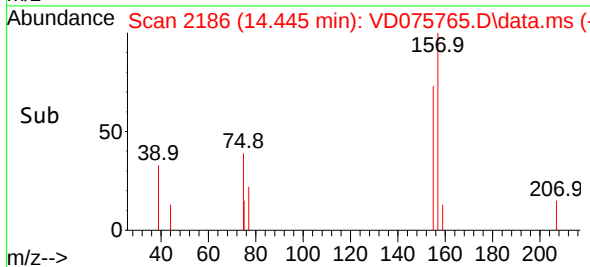
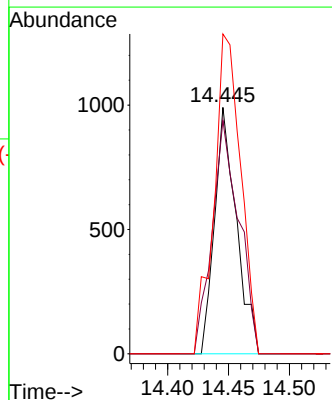
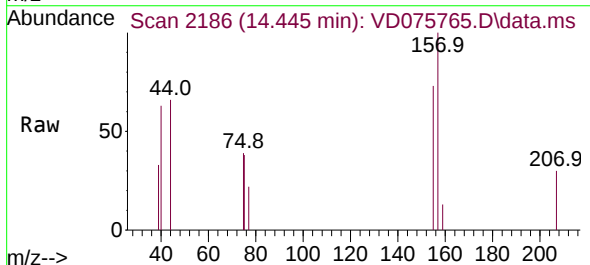
Instrument :
MSVOA_D
ClientSampleId :
VSTD2.5129

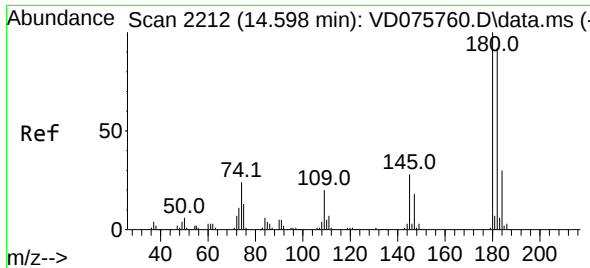
Tgt Ion:146	Resp:	21855
Ion	Ratio	Lower Upper
146	100	
111	34.4	30.6 46.0
148	70.2	51.4 77.0



#68
1,2-Dibromo-3-chloropropane
Concen: 2.731 ug/L
RT: 14.445 min Scan# 2186
Delta R.T. -0.000 min
Lab File: VD075765.D
Acq: 20 Apr 2023 15:31

Tgt Ion: 75	Resp:	1231
Ion	Ratio	Lower Upper
75	100	
155	94.8	74.6 111.8
157	129.8	109.4 164.2

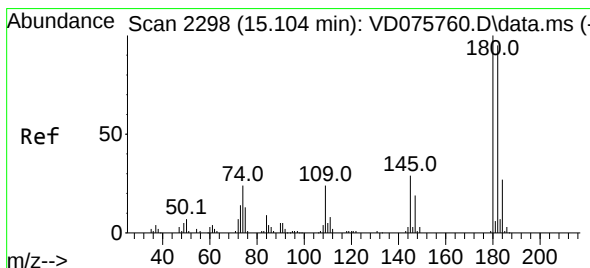
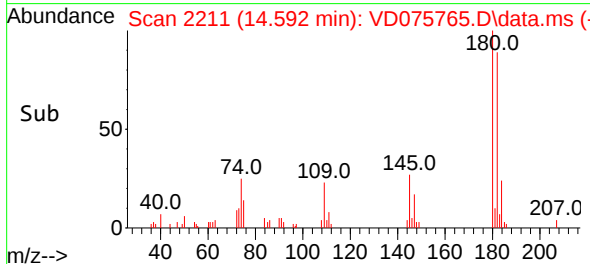
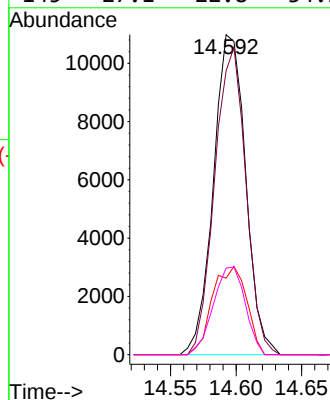
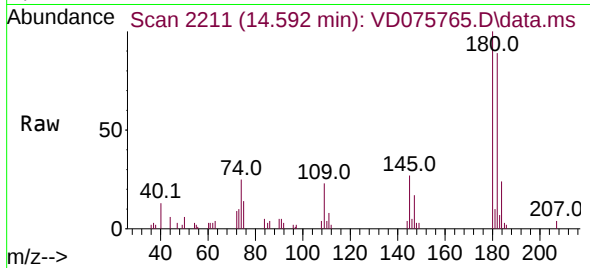




#69
 1,3,5-Trichlorobenzene
 Concen: 3.072 ug/L
 RT: 14.592 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VD075765.D
 Acq: 20 Apr 2023 15:31

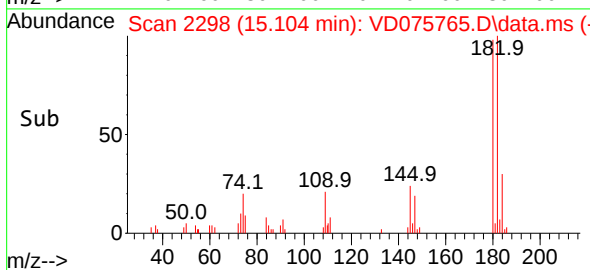
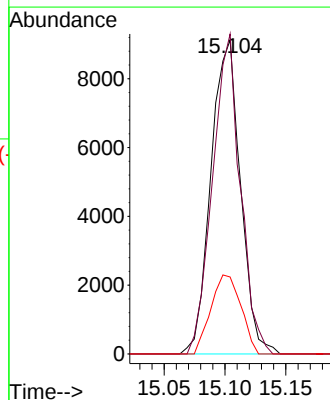
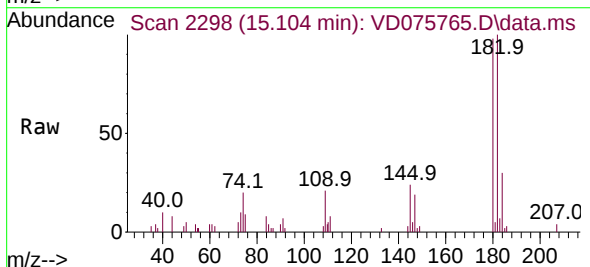
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD2.5129

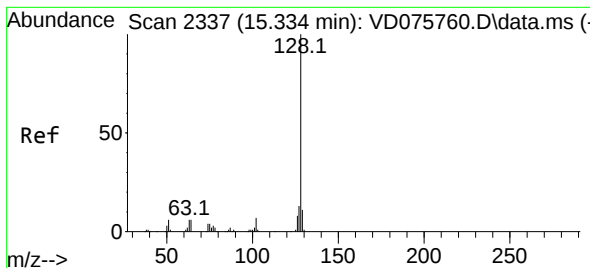
Tgt Ion:180	Resp:	18748
Ion Ratio	Lower	Upper
180	100	
182	92.7	74.9 112.3
184	29.4	25.0 37.4
145	27.1	22.8 34.2



#70
 1,2,4-trichlorobenzene
 Concen: 3.043 ug/L
 RT: 15.104 min Scan# 2298
 Delta R.T. -0.000 min
 Lab File: VD075765.D
 Acq: 20 Apr 2023 15:31

Tgt Ion:180	Resp:	15387
Ion Ratio	Lower	Upper
180	100	
182	95.6	75.4 113.2
145	25.6	23.6 35.4





#71

Naphthalene

Concen: 2.777 ug/L

RT: 15.328 min Scan# 21

Delta R.T. -0.006 min

Lab File: VD075765.D

Acq: 20 Apr 2023 15:31

Instrument :

MSVOA_D

ClientSampleId :

VSTD2.5129

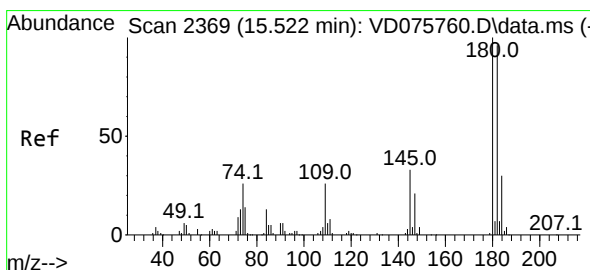
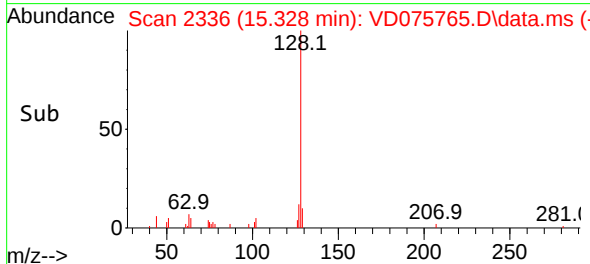
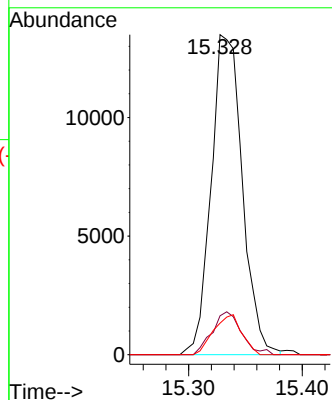
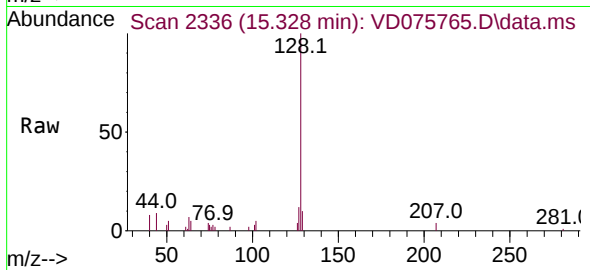
Tgt Ion:128 Resp: 25699

Ion Ratio Lower Upper

128 100

127 12.4 10.5 15.7

129 11.3 9.1 13.7



#72

1,2,3-Trichlorobenzene

Concen: 3.061 ug/L

RT: 15.528 min Scan# 2370

Delta R.T. 0.006 min

Lab File: VD075765.D

Acq: 20 Apr 2023 15:31

Tgt Ion:180 Resp: 13820

Ion Ratio Lower Upper

180 100

182 90.0 76.3 114.5

145 28.1 25.0 37.6

