

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121124\
 Data File : VD080127.D
 Acq On : 11 Dec 2024 13:58
 Operator : RP/MD
 Sample : VSTDICV025
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Dec 12 00:52:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM121124SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Dec 12 00:43:30 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	205817	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	195104	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	105038	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	84123	25.645	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 102.600%	
7) Chloroethane-d5	2.793	69	76786	26.251	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 105.000%	
11) 1,1-Dichloroethene-d2	3.911	65	32960	26.178	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 104.720%	
21) 2-Butanone-d5	6.981	46	43770	59.760	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	= 119.520%	
24) Chloroform-d	7.569	84	170700	30.038	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 120.160%	
26) 1,2-Dichloroethane-d4	8.228	65	82666	27.489	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 109.960%	
32) Benzene-d6	8.199	84	286281	24.693	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 98.760%	
36) 1,2-Dichloropropane-d6	9.210	67	96729	24.572	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 98.280%	
41) Toluene-d8	10.269	98	261498	23.875	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 95.480%	
43) trans-1,3-Dichloroprop...	10.522	79	39830	24.712	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 98.840%	
47) 2-Hexanone-d5	10.875	63	32582	54.728	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 109.460%	
56) 1,1,2,2-Tetrachloroeth...	12.651	84	86652	25.723	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 102.880%	
66) 1,2-Dichlorobenzene-d4	13.816	152	89159	23.510	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 94.040%	
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	99008	26.097	ug/L	99
3) Chloromethane	2.152	50	82857	27.789	ug/L	99
5) Vinyl chloride	2.275	62	104981	25.466	ug/L	95
6) Bromomethane	2.687	94	62470	22.738	ug/L	99
8) Chloroethane	2.828	64	64568	23.496	ug/L	86
9) Trichlorofluoromethane	3.164	101	149370	24.830	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.958	101	88663	24.868	ug/L	96
12) 1,1-Dichloroethene	3.934	96	79367	25.501	ug/L	94
13) Acetone	4.028	43	57782	46.547	ug/L	99
14) Carbon disulfide	4.263	76	277436	27.477	ug/L	99
15) Methyl Acetate	4.563	43	37807	25.847	ug/L	94
16) Methylene chloride	4.799	84	99340	28.096	ug/L	92
17) trans-1,2-Dichloroethene	5.310	96	89141	28.290	ug/L	92
18) Methyl tert-butyl Ether	5.322	73	192899	28.459	ug/L #	79
19) 1,1-Dichloroethane	6.110	63	162422	27.028	ug/L	97
20) cis-1,2-Dichloroethene	7.075	96	98521	29.094	ug/L	92
22) 2-Butanone	7.087	43	67486	54.983	ug/L	99
23) Bromochloromethane	7.428	128	46223	28.005	ug/L	97
25) Chloroform	7.593	83	178279	26.239	ug/L	98

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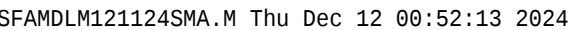
Instrument :
 MSVOA_D
 ClientSampleId :

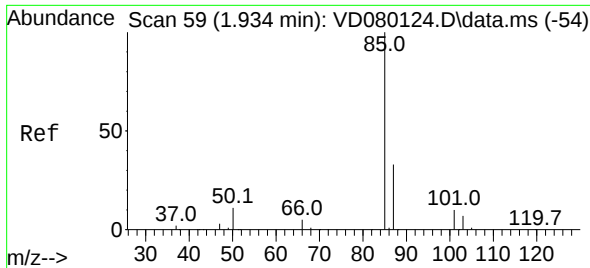
Quant Time: Dec 12 00:52:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM121124SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Dec 12 00:43:30 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.322	62	96908	24.939	ug/L	98
29) Cyclohexane	7.881	56	103438	22.274	ug/L	99
30) 1,1,1-Trichloroethane	7.793	97	116188	20.564	ug/L	99
31) Carbon tetrachloride	7.987	117	98256	20.981	ug/L	99
33) Benzene	8.246	78	311251	22.088	ug/L	100
34) Trichloroethene	9.028	95	75460	19.703	ug/L	98
35) Methylcyclohexane	9.275	83	111989	20.861	ug/L	96
37) 1,2-Dichloropropane	9.304	63	87087	21.569	ug/L	99
38) Bromodichloromethane	9.581	83	107745	21.165	ug/L	99
39) cis-1,3-Dichloropropene	10.016	75	125883	21.847	ug/L	98
40) 4-Methyl-2-pentanone	10.157	43	103788	46.491	ug/L	98
42) Toluene	10.334	91	332536	21.752	ug/L	95
44) trans-1,3-Dichloropropene	10.551	75	110384	23.256	ug/L	100
45) 1,1,2-Trichloroethane	10.734	97	64791	22.313	ug/L	95
46) Tetrachloroethene	10.810	164	58313	21.984	ug/L	95
48) 2-Hexanone	10.922	43	85349	46.804	ug/L	98
49) Dibromochloromethane	11.075	129	69937	22.187	ug/L	99
50) 1,2-Dibromoethane	11.175	107	57011	22.142	ug/L	96
51) Chlorobenzene	11.604	112	203373	22.226	ug/L	96
52) Ethylbenzene	11.681	91	339665	22.374	ug/L	97
53) m,p-Xylene	11.792	106	126296	21.759	ug/L	94
54) o-Xylene	12.122	106	123213	22.126	ug/L	97
55) Styrene	12.134	104	231549	22.973	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.669	83	80329	21.713	ug/L	96
59) Bromoform	12.298	173	43356	21.459	ug/L	98
60) Isopropylbenzene	12.422	105	323486	21.637	ug/L	100
61) 1,2,3-Trichloropropane	12.722	75	53572	21.589	ug/L	99
62) 1,3,5-Trimethylbenzene	12.904	105	257015	20.620	ug/L	98
63) 1,2,4-Trimethylbenzene	13.210	105	259053	21.844	ug/L	100
64) 1,3-Dichlorobenzene	13.457	146	157290	21.629	ug/L	94
65) 1,4-Dichlorobenzene	13.534	146	165186	21.071	ug/L	98
67) 1,2-Dichlorobenzene	13.828	146	144356	20.557	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.445	75	11810	22.608	ug/L	88
69) 1,3,5-Trichlorobenzene	14.592	180	103118	20.527	ug/L	98
70) 1,2,4-trichlorobenzene	15.098	180	85537	21.300	ug/L	98
71) Naphthalene	15.333	128	163987	21.495	ug/L	99
72) 1,2,3-Trichlorobenzene	15.522	180	82606	20.439	ug/L	97

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

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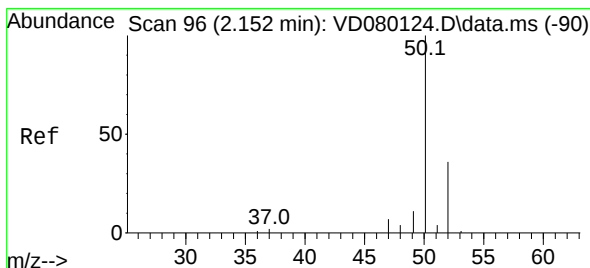
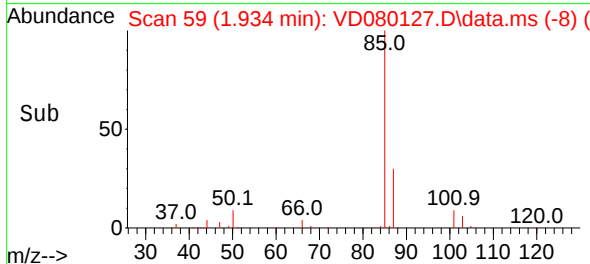
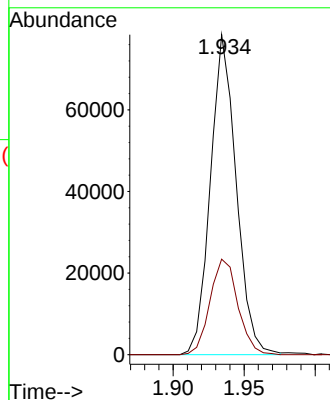
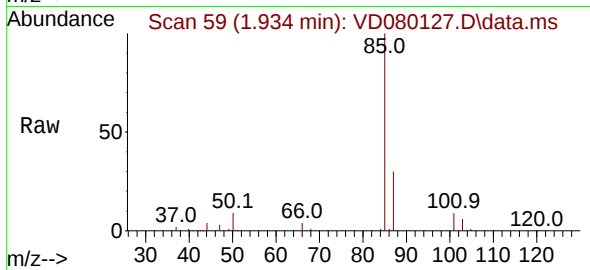




#2
 Dichlorodifluoromethane
 Concen: 26.097 ug/L
 RT: 1.934 min Scan# 59
 Delta R.T. 0.000 min
 Lab File: VD080127.D
 Acq: 11 Dec 2024 13:58

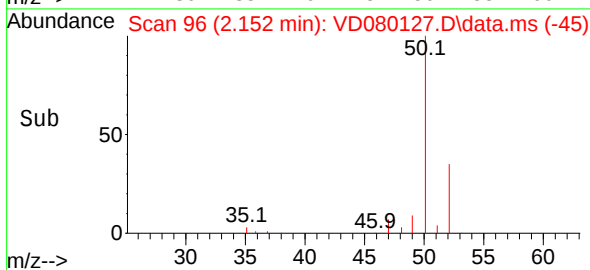
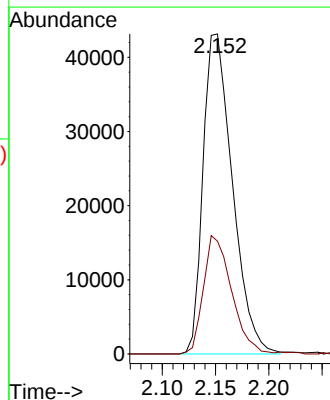
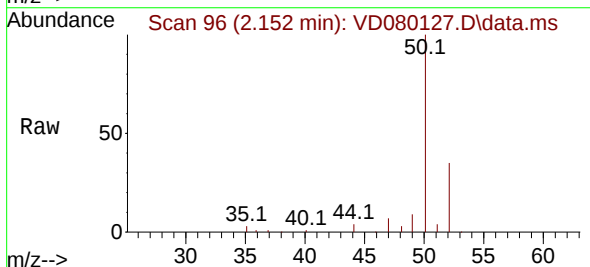
Instrument :
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 ClientSampleId :

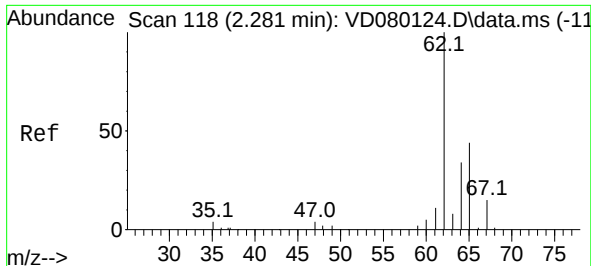
Tgt Ion: 85 Resp: 99008
 Ion Ratio Lower Upper
 85 100
 87 32.2 26.2 39.2



#3
 Chloromethane
 Concen: 27.789 ug/L
 RT: 2.152 min Scan# 96
 Delta R.T. 0.000 min
 Lab File: VD080127.D
 Acq: 11 Dec 2024 13:58

Tgt Ion: 50 Resp: 82857
 Ion Ratio Lower Upper
 50 100
 52 35.3 25.1 46.7

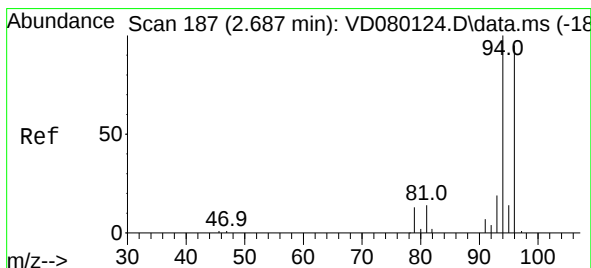
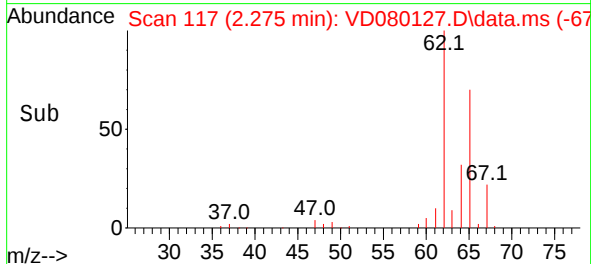
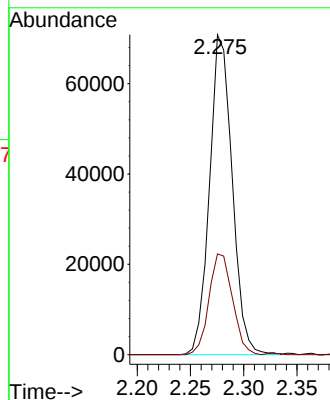
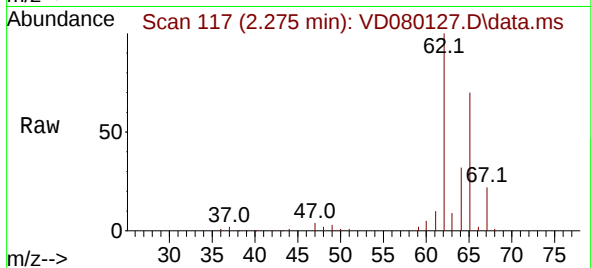




#5
 Vinyl chloride
 Concen: 25.466 ug/L
 RT: 2.275 min Scan# 118
 Delta R.T. -0.006 min
 Lab File: VD080127.D
 Acq: 11 Dec 2024 13:58

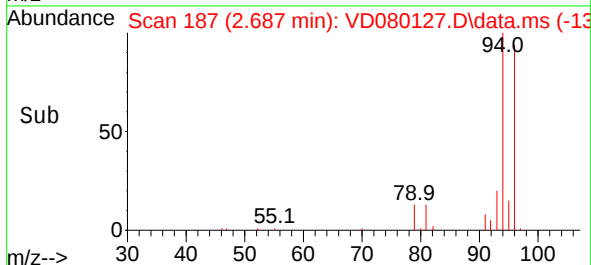
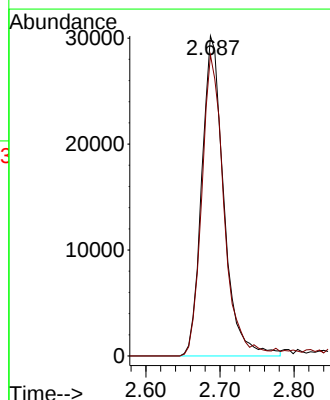
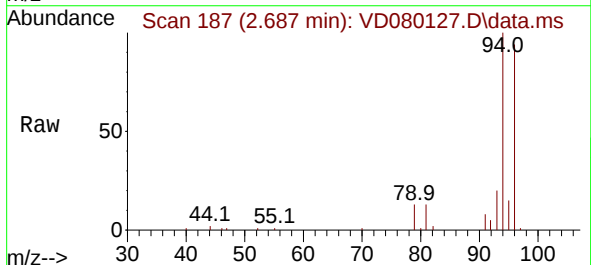
Instrument :
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 ClientSampleId :

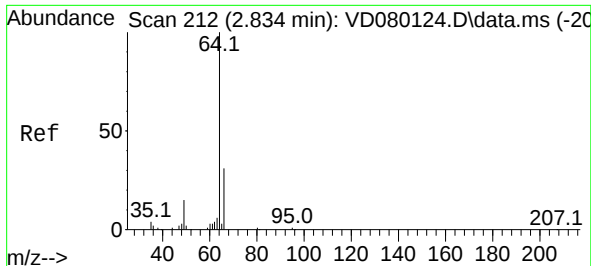
Tgt Ion: 62 Resp: 104981
 Ion Ratio Lower Upper
 62 100
 64 31.5 24.0 44.6



#6
 Bromomethane
 Concen: 22.738 ug/L
 RT: 2.687 min Scan# 187
 Delta R.T. 0.000 min
 Lab File: VD080127.D
 Acq: 11 Dec 2024 13:58

Tgt Ion: 94 Resp: 62470
 Ion Ratio Lower Upper
 94 100
 96 94.1 66.8 124.0

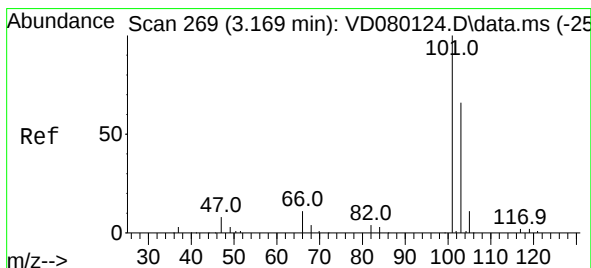
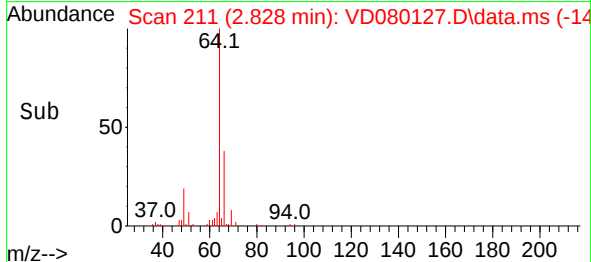
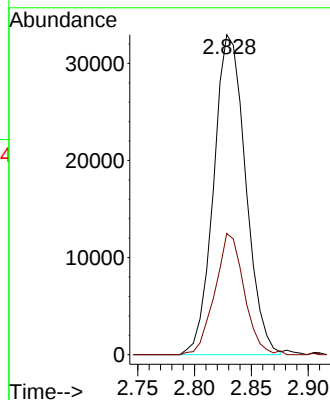
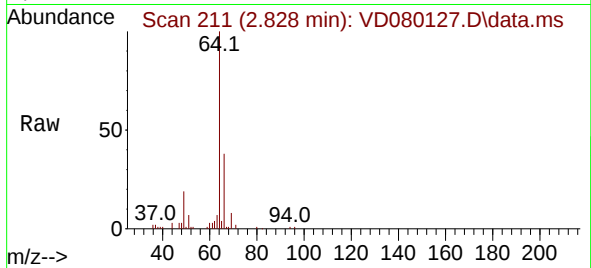




#8
Chloroethane
Concen: 23.496 ug/L
RT: 2.828 min Scan# 211
Delta R.T. -0.006 min
Lab File: VD080127.D
Acq: 11 Dec 2024 13:58

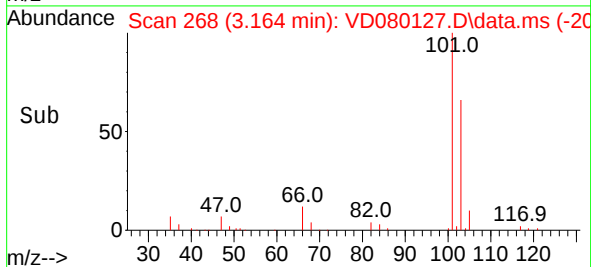
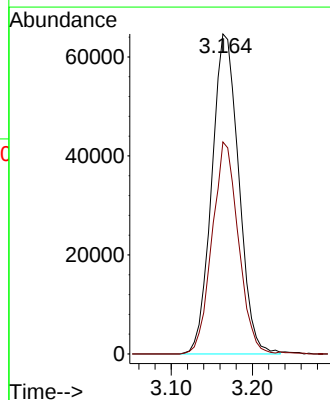
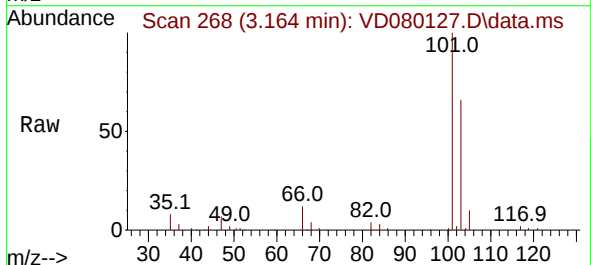
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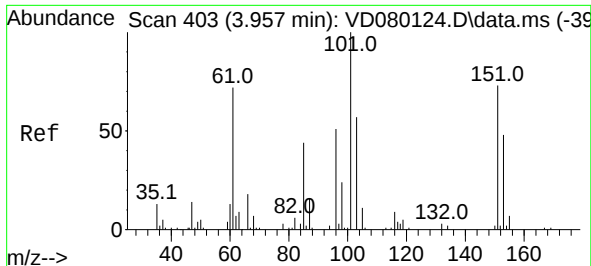
Tgt Ion: 64 Resp: 64568
Ion Ratio Lower Upper
64 100
66 37.9 21.3 39.6



#9
Trichlorofluoromethane
Concen: 24.830 ug/L
RT: 3.164 min Scan# 268
Delta R.T. -0.006 min
Lab File: VD080127.D
Acq: 11 Dec 2024 13:58

Tgt Ion:101 Resp: 149370
Ion Ratio Lower Upper
101 100
103 64.5 52.5 78.7





#10

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

Concen: 24.868 ug/L

RT: 3.958 min Scan# 403

Delta R.T. 0.000 min

Lab File: VD080127.D

Acq: 11 Dec 2024 13:58

Instrument :

MSVOA_D

ClientSampleId :

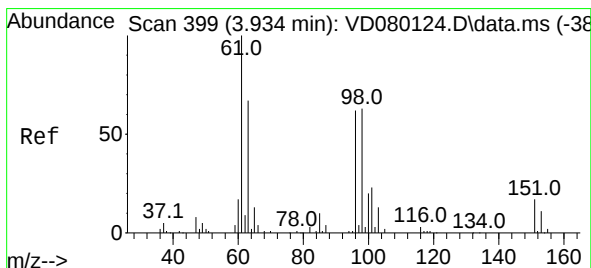
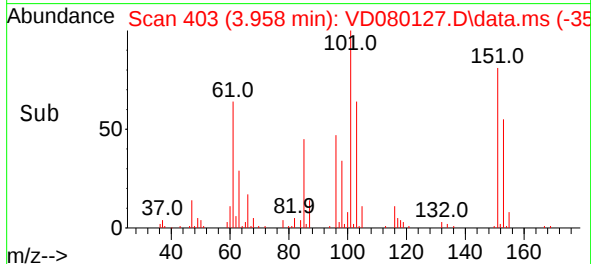
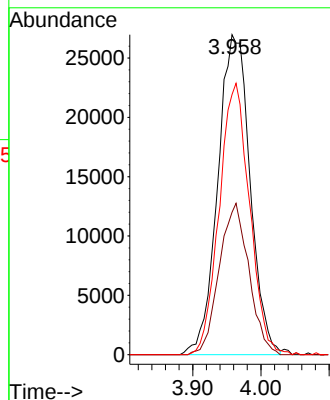
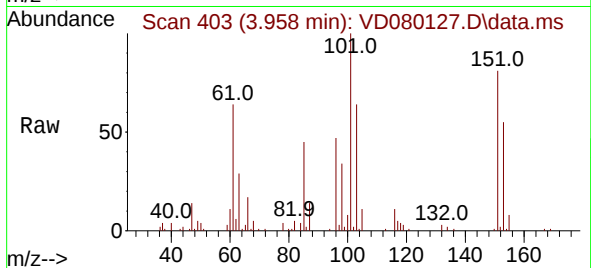
Tgt Ion:101 Resp: 88663

Ion Ratio Lower Upper

101 100

85 43.6 35.8 53.6

151 79.8 59.8 89.6



#12

1,1-Dichloroethene

Concen: 25.501 ug/L

RT: 3.934 min Scan# 399

Delta R.T. 0.000 min

Lab File: VD080127.D

Acq: 11 Dec 2024 13:58

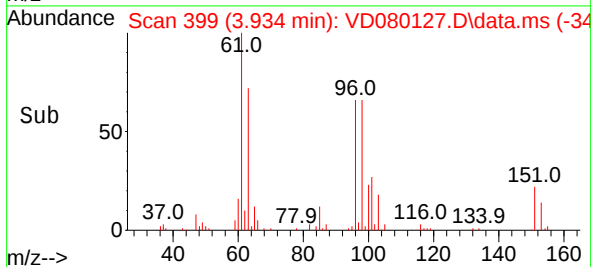
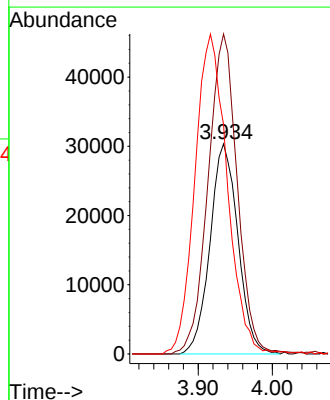
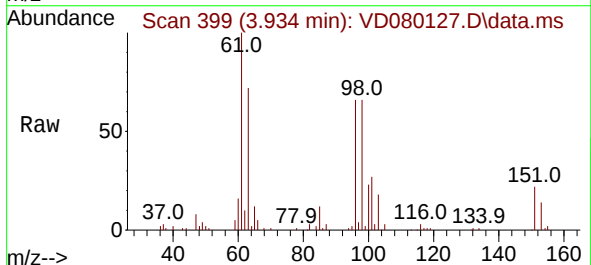
Tgt Ion: 96 Resp: 79367

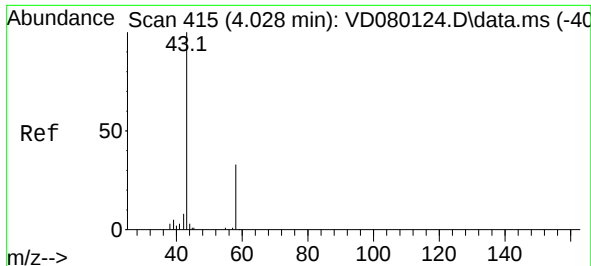
Ion Ratio Lower Upper

96 100

61 152.3 113.8 211.3

63 109.2 78.5 145.7





#13

Acetone

Concen: 46.547 ug/L

RT: 4.028 min Scan# 415

Delta R.T. 0.000 min

Lab File: VD080127.D

Acq: 11 Dec 2024 13:58

Instrument :

MSVOA_D

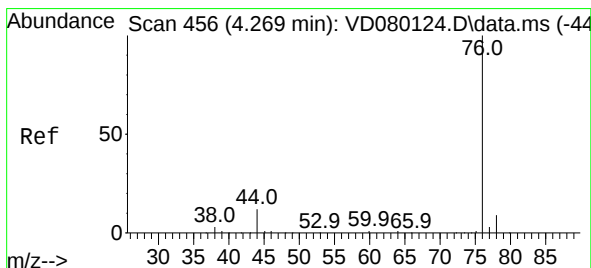
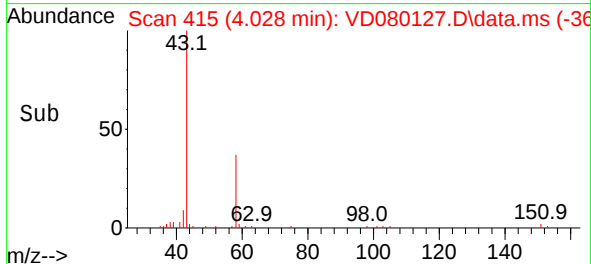
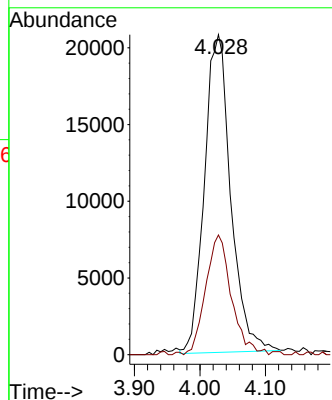
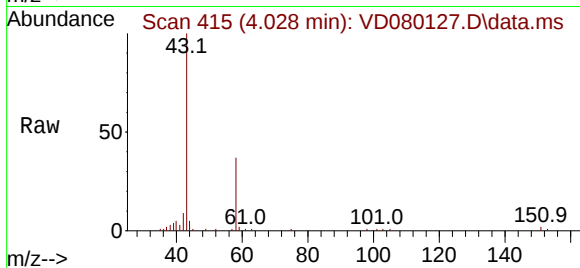
ClientSampleId :

Tgt Ion: 43 Resp: 57782

Ion Ratio Lower Upper

43 100

58 35.3 0.0 69.0



#14

Carbon disulfide

Concen: 27.477 ug/L

RT: 4.263 min Scan# 455

Delta R.T. -0.006 min

Lab File: VD080127.D

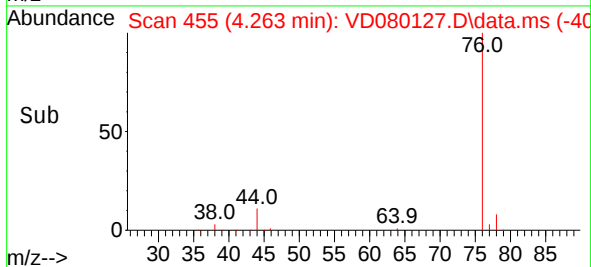
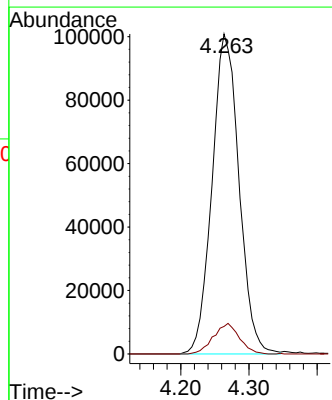
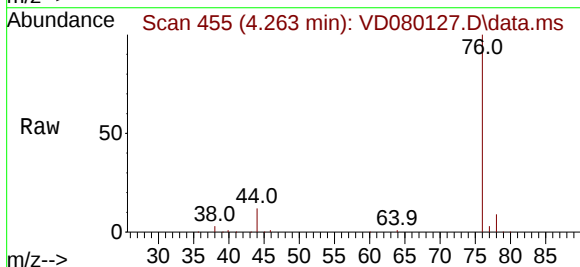
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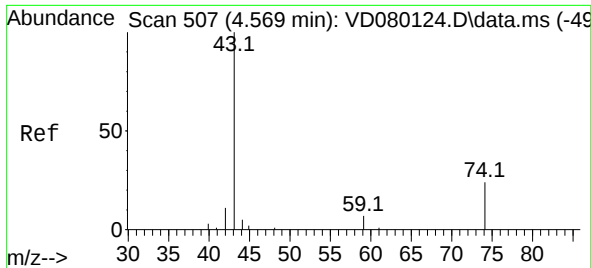
Tgt Ion: 76 Resp: 277436

Ion Ratio Lower Upper

76 100

78 8.6 7.3 10.9

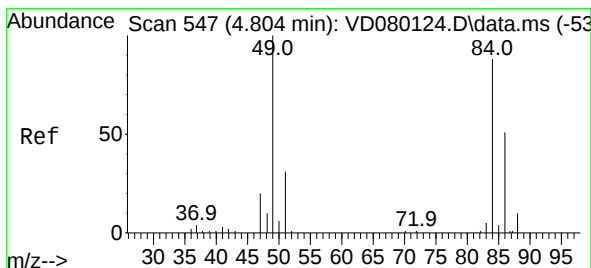
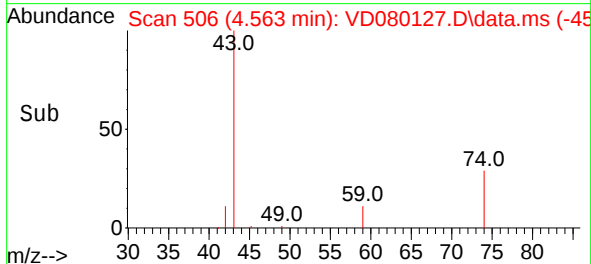
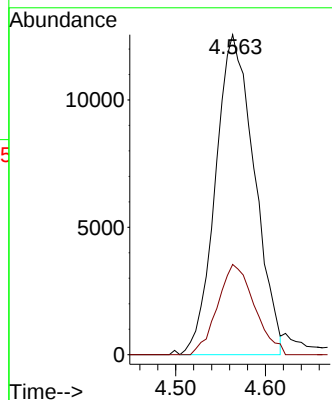
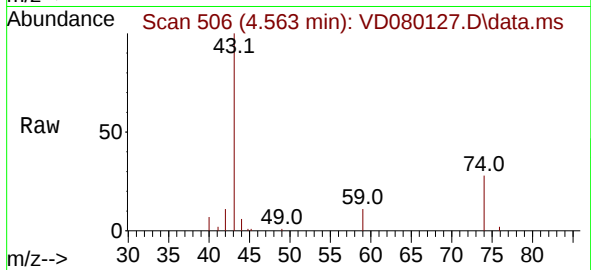




#15
Methyl Acetate
Concen: 25.847 ug/L
RT: 4.563 min Scan# 507
Delta R.T. -0.006 min
Lab File: VD080127.D
Acq: 11 Dec 2024 13:58

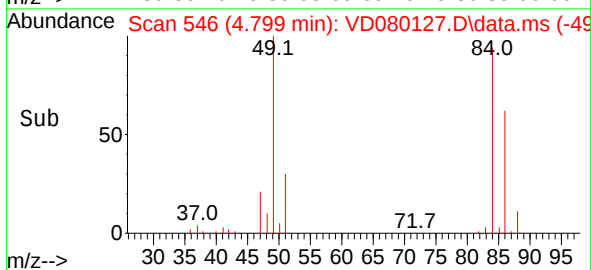
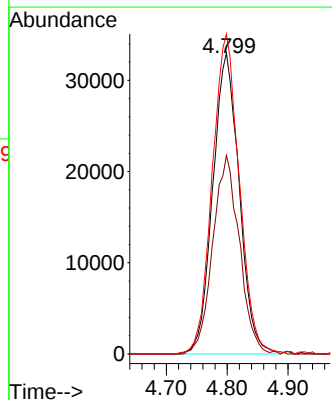
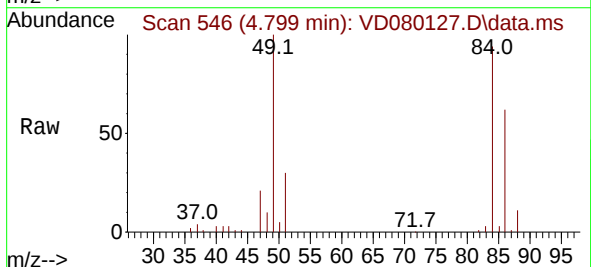
Instrument :
MSVOA_D
ClientSampleId :

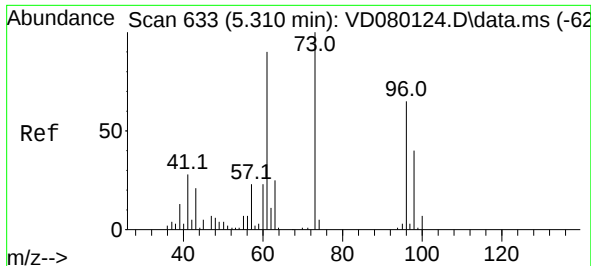
Tgt Ion: 43 Resp: 37807
Ion Ratio Lower Upper
43 100
74 26.7 19.0 28.4



#16
Methylene chloride
Concen: 28.096 ug/L
RT: 4.799 min Scan# 546
Delta R.T. -0.006 min
Lab File: VD080127.D
Acq: 11 Dec 2024 13:58

Tgt Ion: 84 Resp: 99340
Ion Ratio Lower Upper
84 100
86 66.0 40.7 75.7
49 106.4 79.9 148.5





#17

trans-1,2-Dichloroethene

Concen: 28.290 ug/L

RT: 5.310 min Scan# 633

Delta R.T. 0.000 min

Lab File: VD080127.D

Acq: 11 Dec 2024 13:58

Instrument :

MSVOA_D

ClientSampleId :

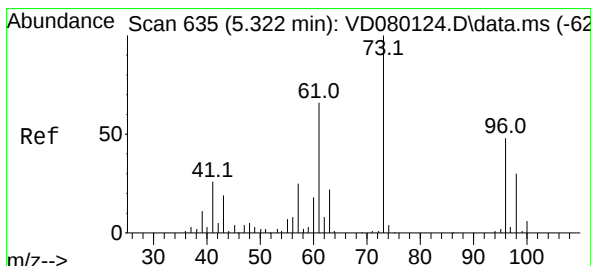
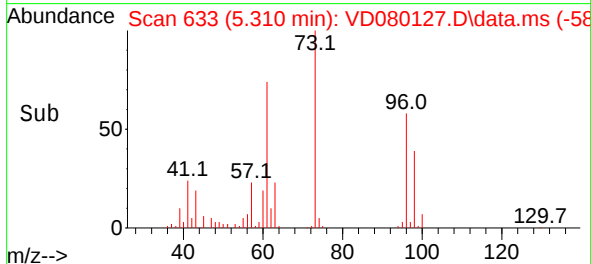
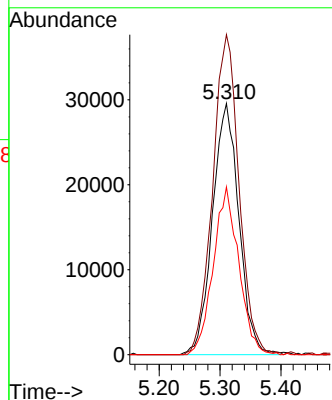
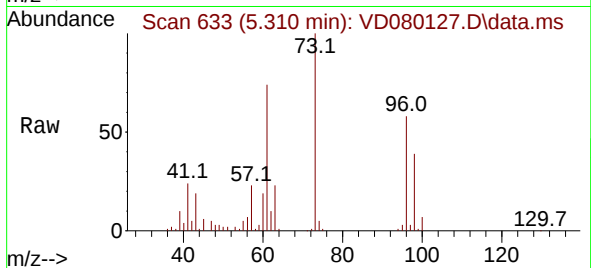
Tgt Ion: 96 Resp: 89141

Ion Ratio Lower Upper

96 100

61 127.4 97.4 181.0

98 66.7 44.3 82.3



#18

Methyl tert-butyl Ether

Concen: 28.459 ug/L

RT: 5.322 min Scan# 635

Delta R.T. 0.000 min

Lab File: VD080127.D

Acq: 11 Dec 2024 13:58

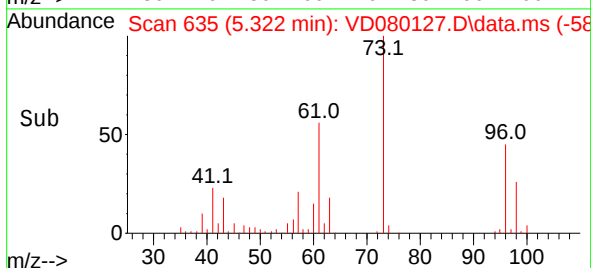
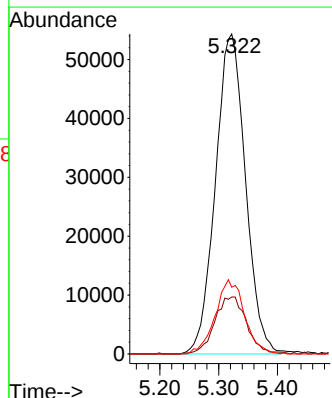
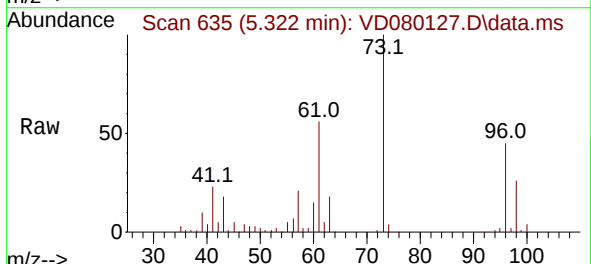
Tgt Ion: 73 Resp: 192899

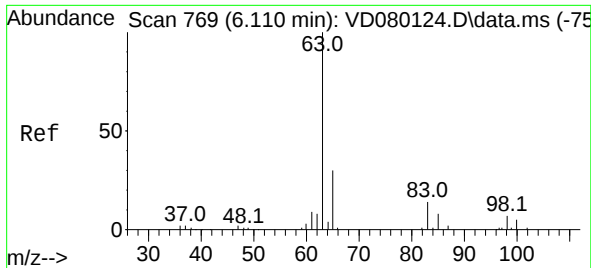
Ion Ratio Lower Upper

73 100

43 9.1 0.0 0.0#

57 13.4 18.9 28.3#

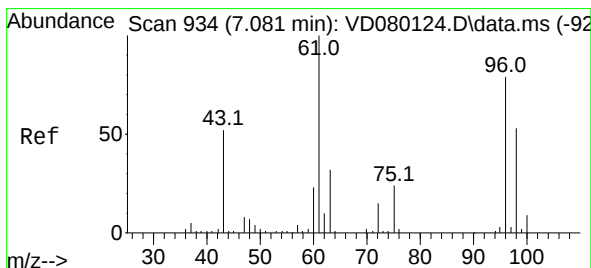
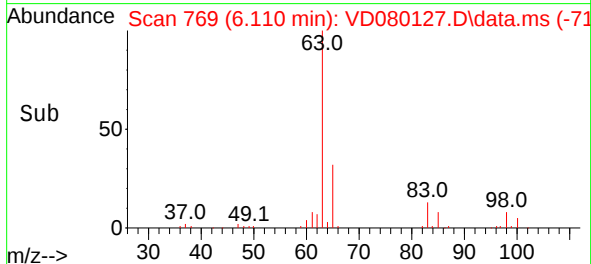
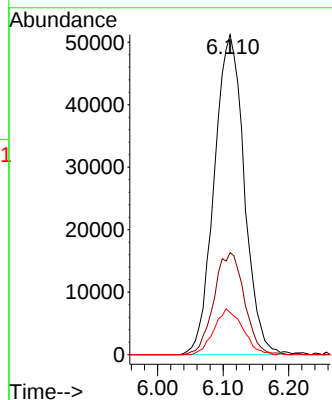
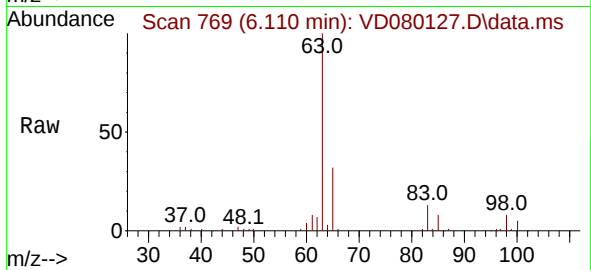




#19
1,1-Dichloroethane
Concen: 27.028 ug/L
RT: 6.110 min Scan# 769
Delta R.T. 0.000 min
Lab File: VD080127.D
Acq: 11 Dec 2024 13:58

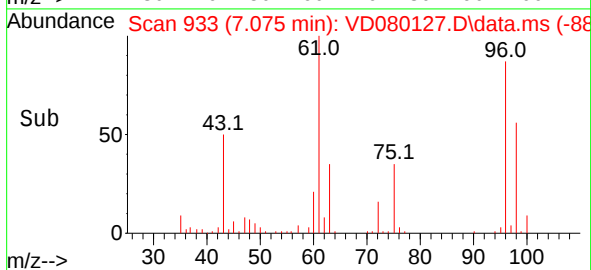
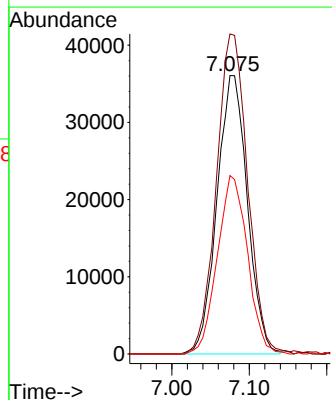
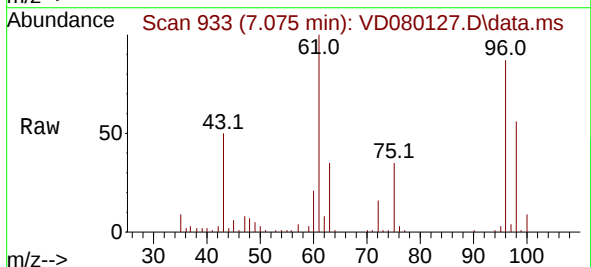
Instrument :
MSVOA_D
ClientSampleId :

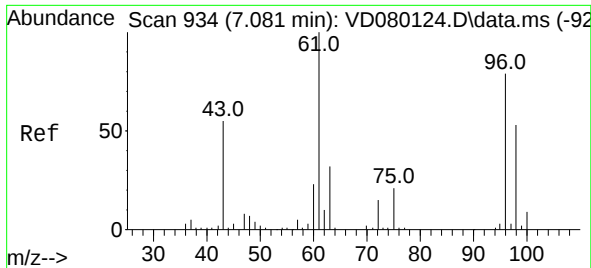
Tgt Ion: 63 Resp: 162422
Ion Ratio Lower Upper
63 100
65 31.9 21.1 39.1
83 13.2 9.9 18.5



#20
cis-1,2-Dichloroethene
Concen: 29.094 ug/L
RT: 7.075 min Scan# 933
Delta R.T. -0.006 min
Lab File: VD080127.D
Acq: 11 Dec 2024 13:58

Tgt Ion: 96 Resp: 98521
Ion Ratio Lower Upper
96 100
61 115.0 89.1 165.5
98 64.1 47.3 87.8

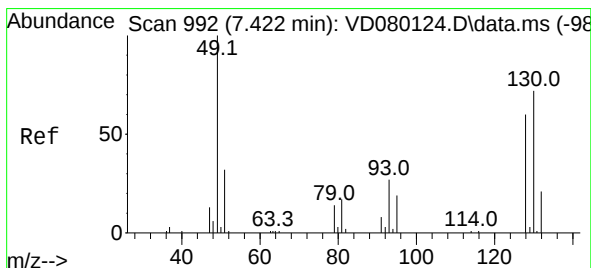
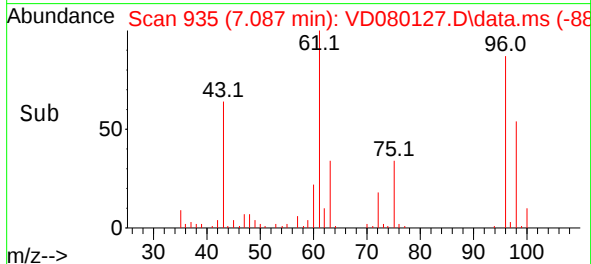
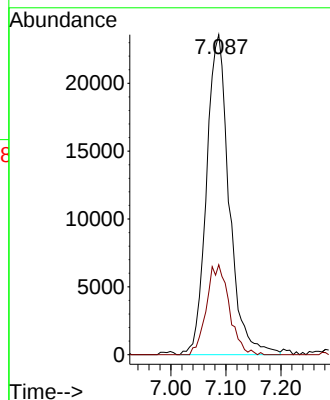
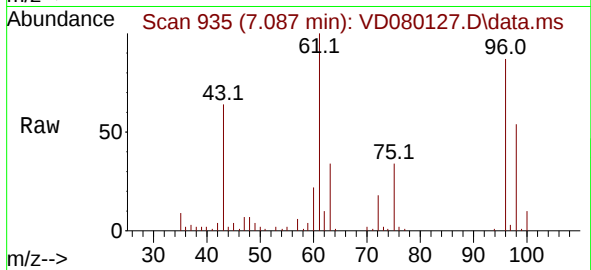




#22
2-Butanone
Concen: 54.983 ug/L
RT: 7.087 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD080127.D
Acq: 11 Dec 2024 13:58

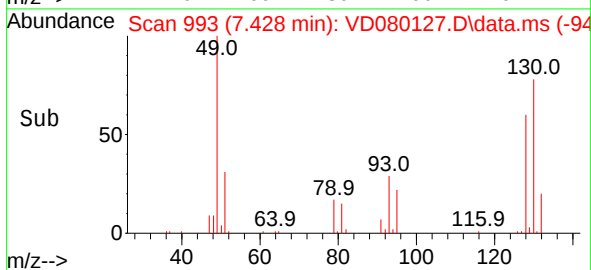
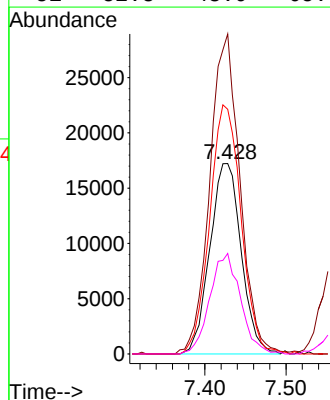
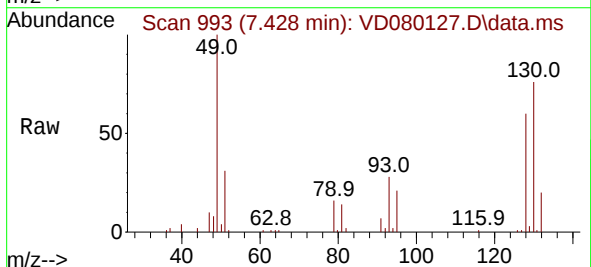
Instrument :
MSVOA_D
ClientSampleId :

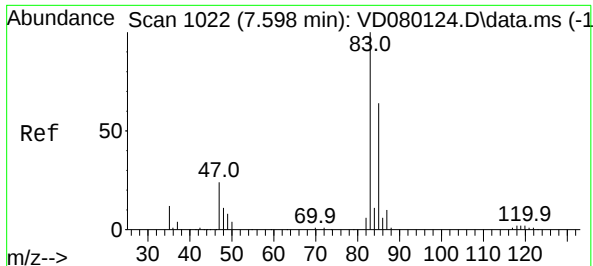
Tgt Ion: 43 Resp: 67486
Ion Ratio Lower Upper
43 100
72 27.9 13.6 40.8



#23
Bromochloromethane
Concen: 28.005 ug/L
RT: 7.428 min Scan# 993
Delta R.T. 0.006 min
Lab File: VD080127.D
Acq: 11 Dec 2024 13:58

Tgt Ion:128 Resp: 46223
Ion Ratio Lower Upper
128 100
49 168.0 117.0 217.2
130 128.5 84.4 156.7
51 52.8 43.9 65.9

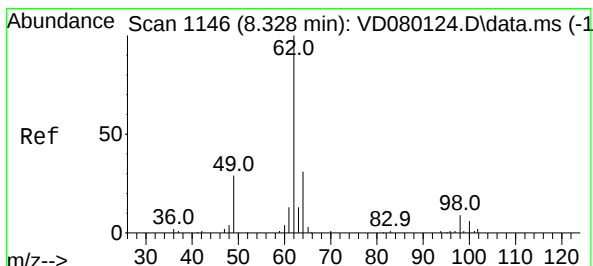
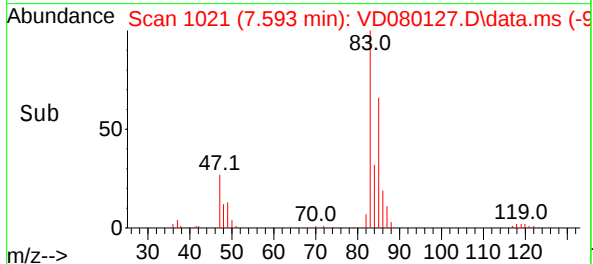
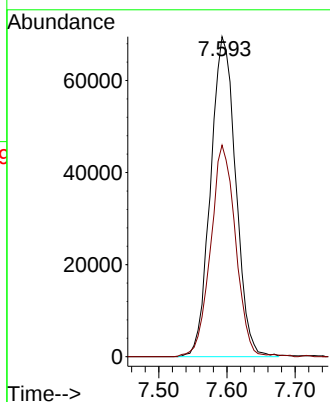
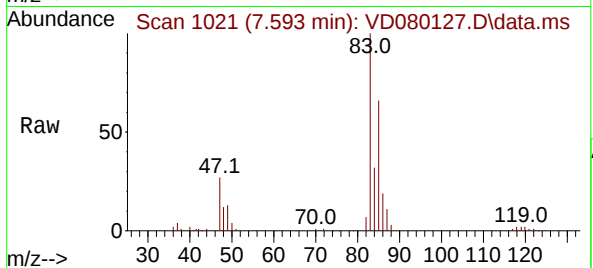




#25
Chloroform
Concen: 26.239 ug/L
RT: 7.593 min Scan# 110
Delta R.T. -0.006 min
Lab File: VD080127.D
Acq: 11 Dec 2024 13:58

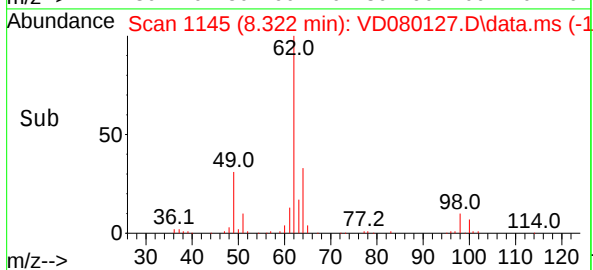
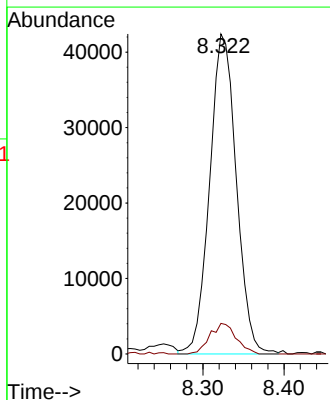
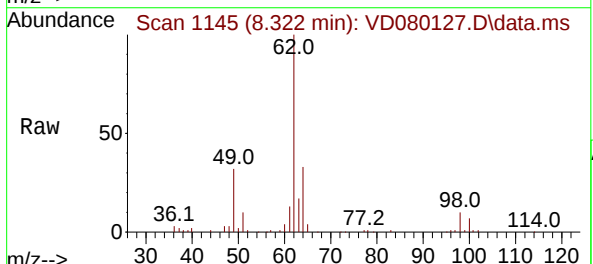
Instrument :
MSVOA_D
ClientSampleId :

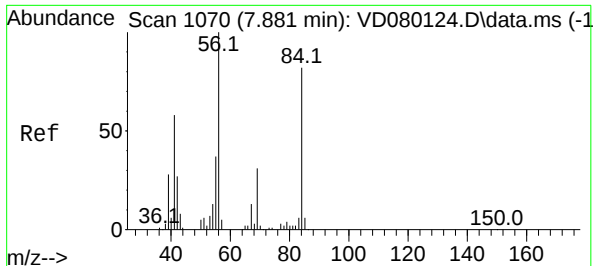
Tgt Ion: 83 Resp: 178279
Ion Ratio Lower Upper
83 100
85 66.1 45.0 83.6



#27
1,2-Dichloroethane
Concen: 24.939 ug/L
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD080127.D
Acq: 11 Dec 2024 13:58

Tgt Ion: 62 Resp: 96908
Ion Ratio Lower Upper
62 100
98 9.6 7.0 10.6

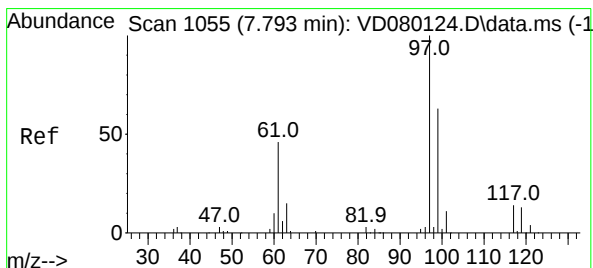
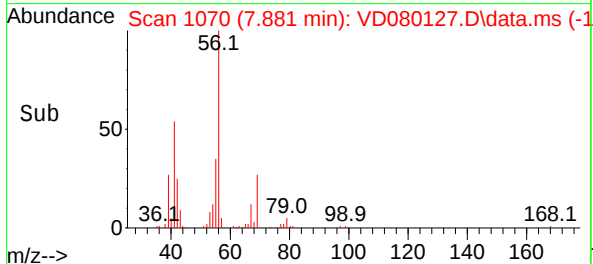
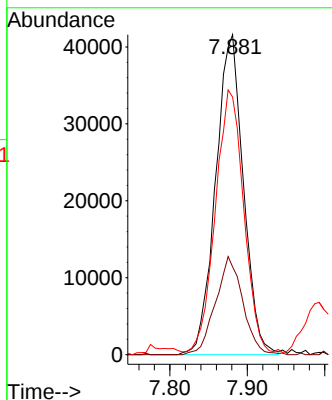
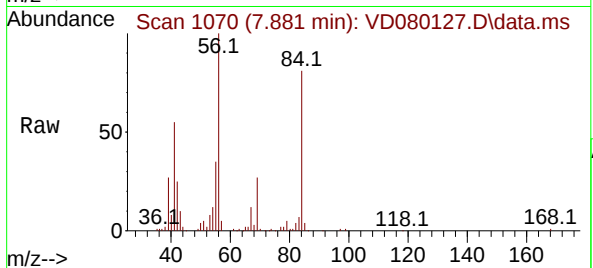




#29
Cyclohexane
Concen: 22.274 ug/L
RT: 7.881 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VD080127.D
Acq: 11 Dec 2024 13:58

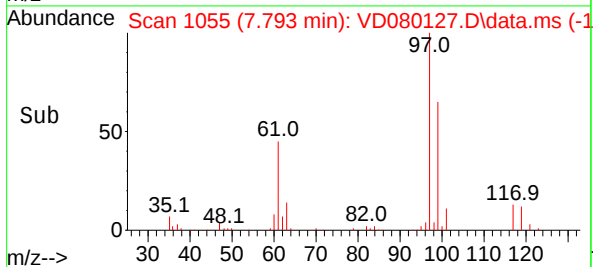
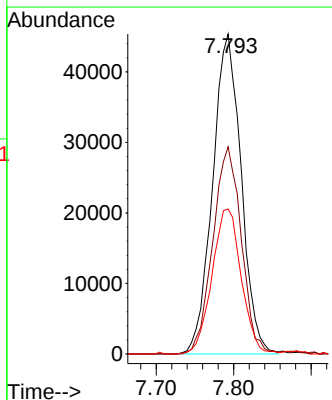
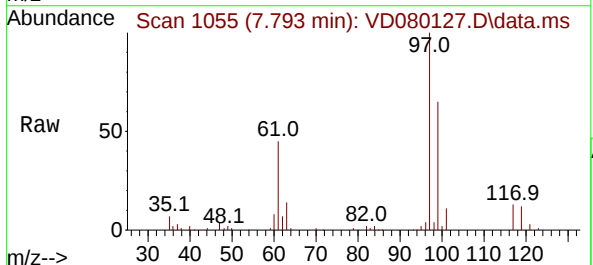
Instrument :
MSVOA_D
ClientSampleId :

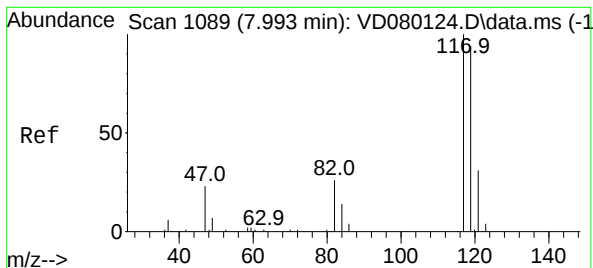
Tgt Ion: 56 Resp: 103438
Ion Ratio Lower Upper
56 100
69 30.2 24.6 36.8
84 84.6 68.7 103.1



#30
1,1,1-Trichloroethane
Concen: 20.564 ug/L
RT: 7.793 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VD080127.D
Acq: 11 Dec 2024 13:58

Tgt Ion: 97 Resp: 116188
Ion Ratio Lower Upper
97 100
99 64.5 51.3 76.9
61 46.3 35.8 53.8





#31

Carbon tetrachloride

Concen: 20.981 ug/L

RT: 7.987 min Scan# 110

Delta R.T. -0.006 min

Lab File: VD080127.D

Acq: 11 Dec 2024 13:58

Instrument :

MSVOA_D

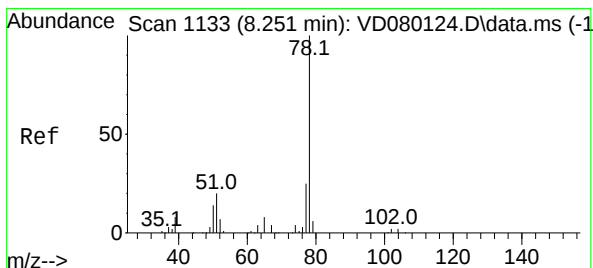
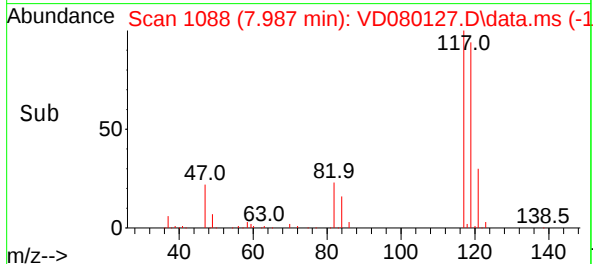
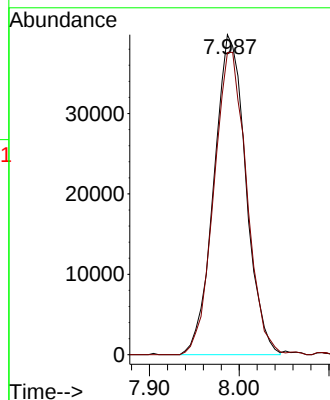
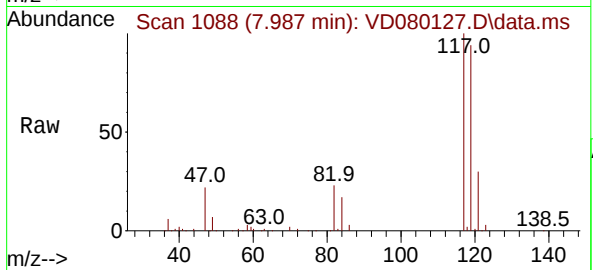
ClientSampleId :

Tgt Ion:117 Resp: 98256

Ion Ratio Lower Upper

117 100

119 96.9 76.8 115.2



#33

Benzene

Concen: 22.088 ug/L

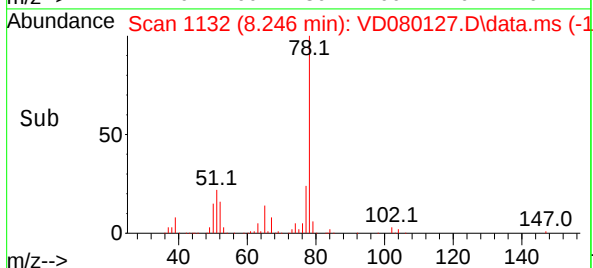
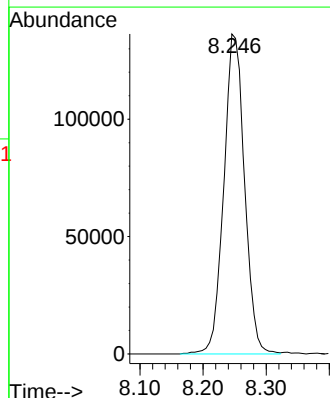
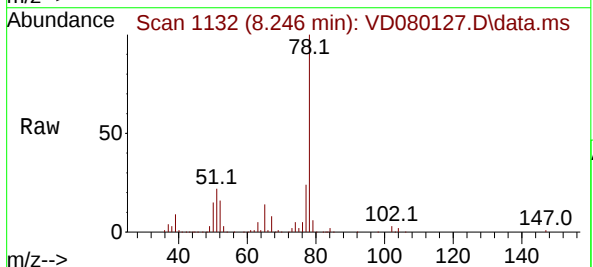
RT: 8.246 min Scan# 1132

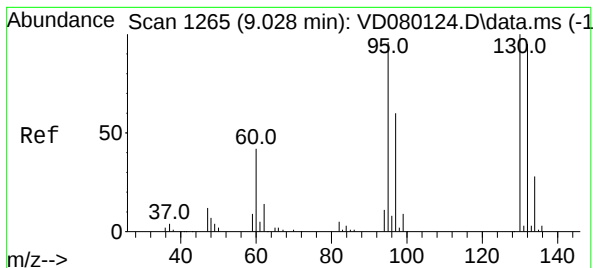
Delta R.T. -0.006 min

Lab File: VD080127.D

Acq: 11 Dec 2024 13:58

Tgt Ion: 78 Resp: 311251





#34

Trichloroethene

Concen: 19.703 ug/L

RT: 9.028 min Scan# 1265

Delta R.T. 0.000 min

Lab File: VD080127.D

Acq: 11 Dec 2024 13:58

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 95 Resp: 75460

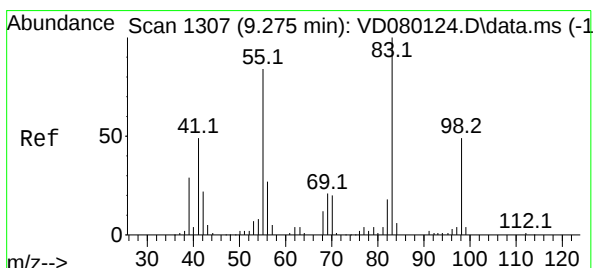
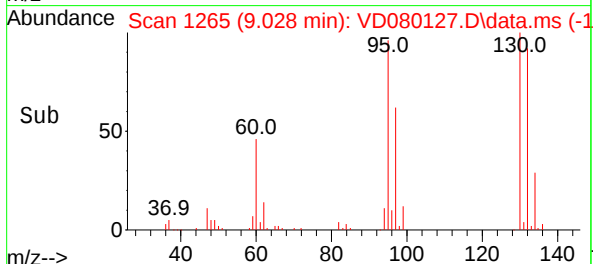
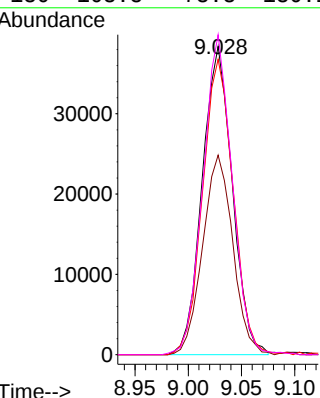
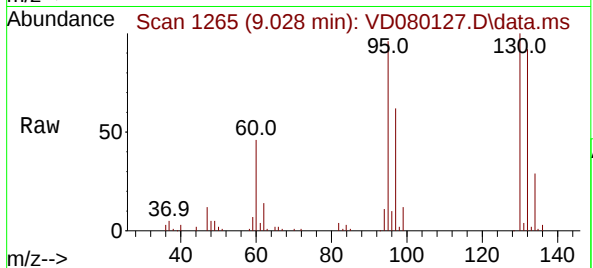
Ion Ratio Lower Upper

95 100

97 64.7 43.7 81.1

132 95.8 69.4 129.0

130 103.8 73.3 136.1



#35

Methylcyclohexane

Concen: 20.861 ug/L

RT: 9.275 min Scan# 1307

Delta R.T. 0.000 min

Lab File: VD080127.D

Acq: 11 Dec 2024 13:58

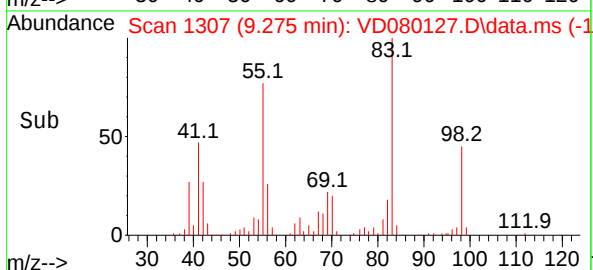
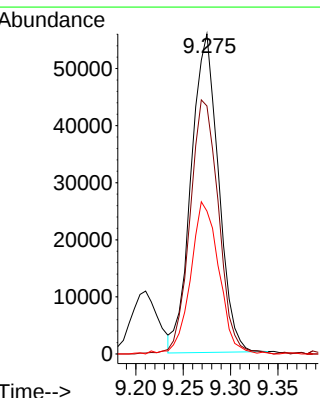
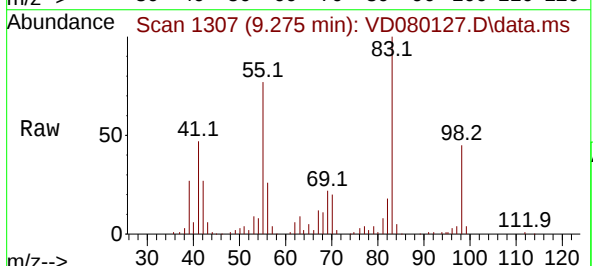
Tgt Ion: 83 Resp: 111989

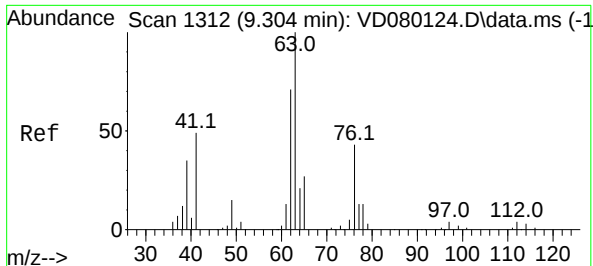
Ion Ratio Lower Upper

83 100

55 83.6 63.8 95.8

98 49.1 37.6 56.4

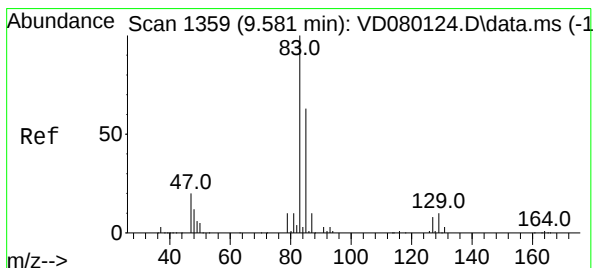
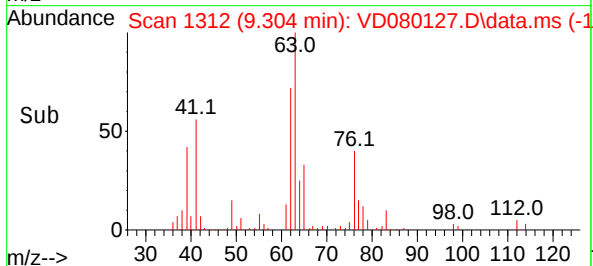
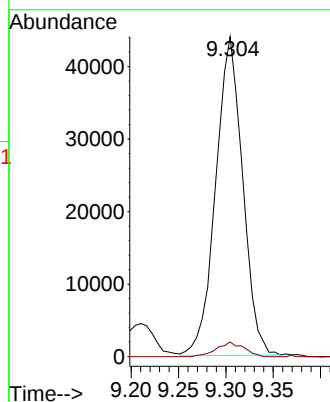
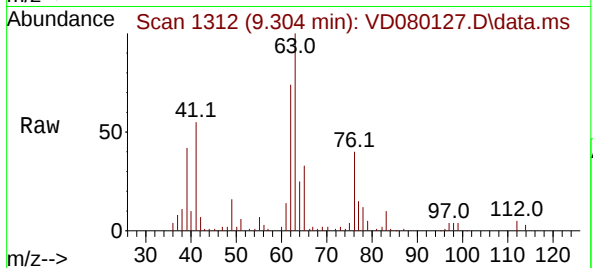




#37
1,2-Dichloropropane
Concen: 21.569 ug/L
RT: 9.304 min Scan# 1312
Delta R.T. 0.000 min
Lab File: VD080127.D
Acq: 11 Dec 2024 13:58

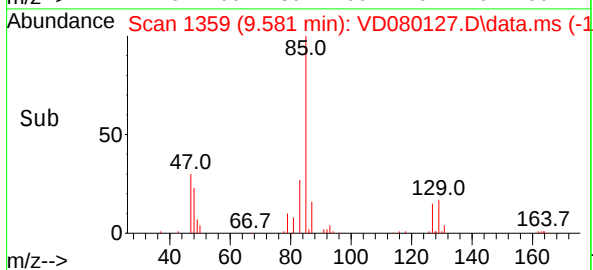
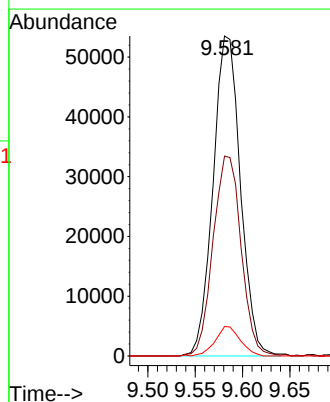
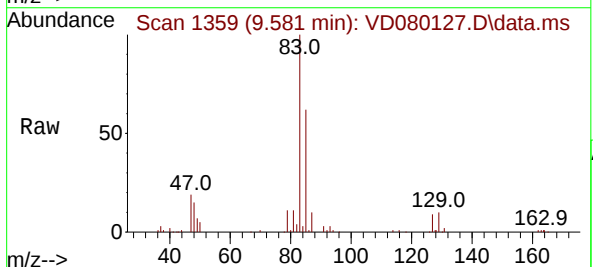
Instrument :
MSVOA_D
ClientSampleId :

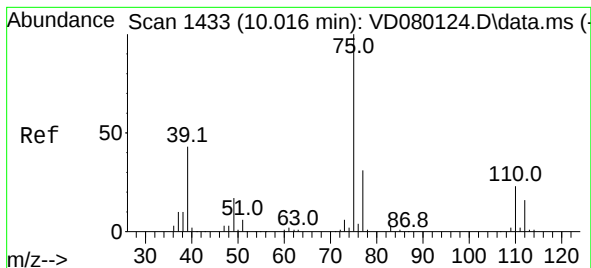
Tgt Ion: 63 Resp: 87087
Ion Ratio Lower Upper
63 100
112 4.6 3.5 5.3



#38
Bromodichloromethane
Concen: 21.165 ug/L
RT: 9.581 min Scan# 1359
Delta R.T. 0.000 min
Lab File: VD080127.D
Acq: 11 Dec 2024 13:58

Tgt Ion: 83 Resp: 107745
Ion Ratio Lower Upper
83 100
85 62.5 44.3 82.3
127 9.2 6.6 10.0

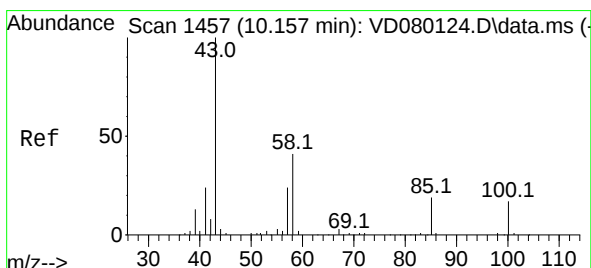
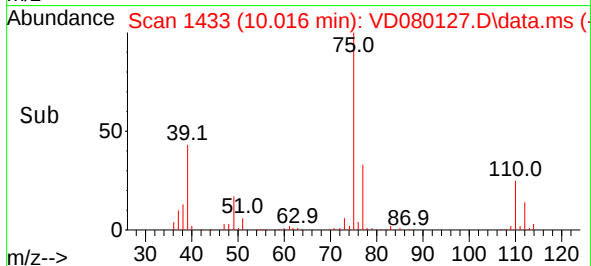
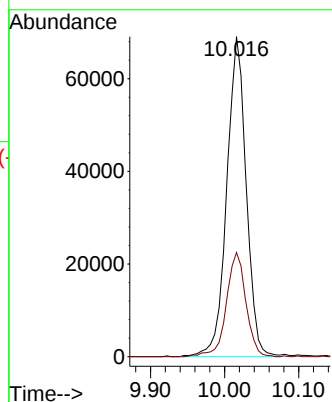
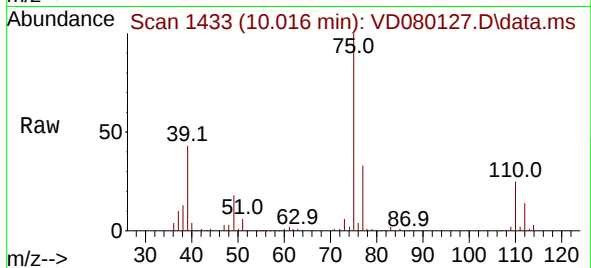




#39
cis-1,3-Dichloropropene
Concen: 21.847 ug/L
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD080127.D
Acq: 11 Dec 2024 13:58

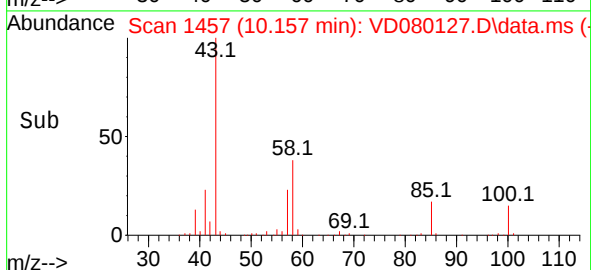
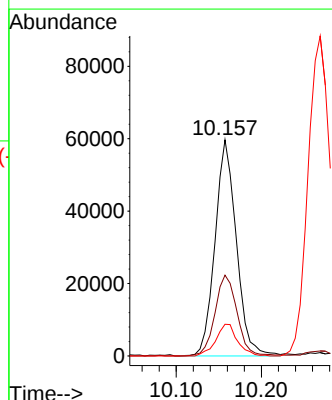
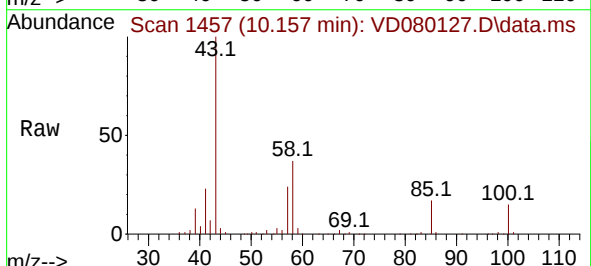
Instrument :
MSVOA_D
ClientSampleId :

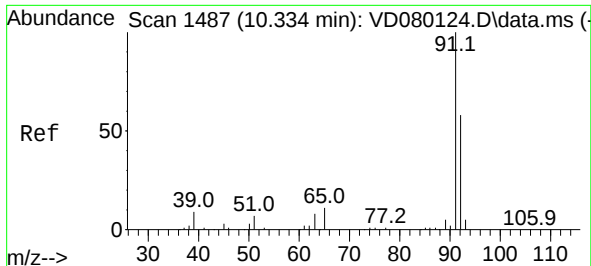
Tgt Ion: 75 Resp: 125883
Ion Ratio Lower Upper
75 100
77 32.6 21.8 40.6



#40
4-Methyl-2-pentanone
Concen: 46.491 ug/L
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD080127.D
Acq: 11 Dec 2024 13:58

Tgt Ion: 43 Resp: 103788
Ion Ratio Lower Upper
43 100
58 38.9 32.1 48.1
100 15.0 12.6 19.0





#42

Toluene

Concen: 21.752 ug/L

RT: 10.334 min Scan# 1487

Delta R.T. 0.000 min

Lab File: VD080127.D

Acq: 11 Dec 2024 13:58

Instrument :

MSVOA_D

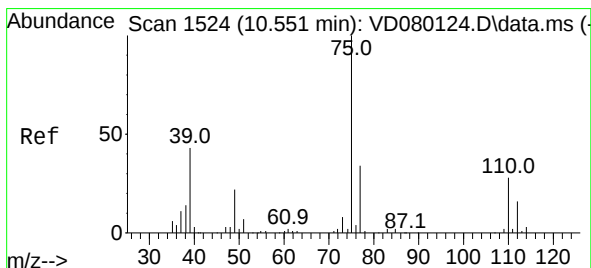
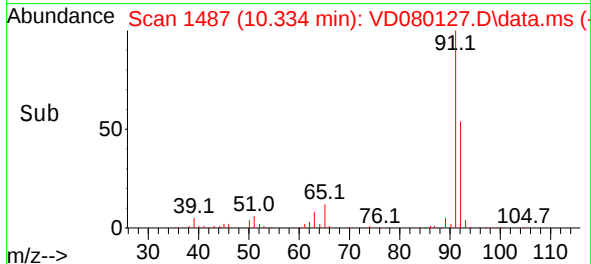
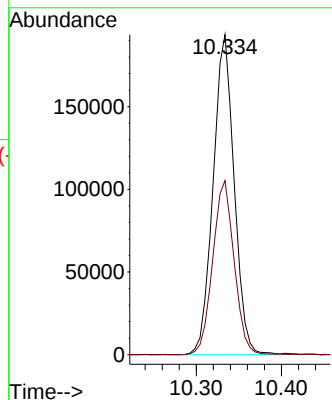
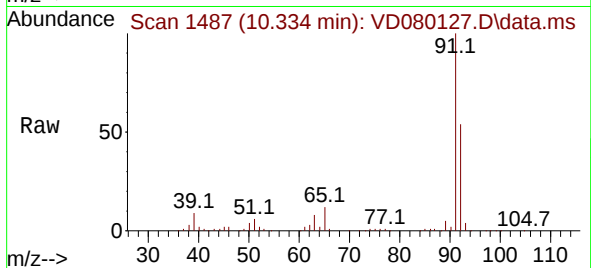
ClientSampleId :

Tgt Ion: 91 Resp: 332536

Ion Ratio Lower Upper

91 100

92 54.4 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 23.256 ug/L

RT: 10.551 min Scan# 1524

Delta R.T. 0.000 min

Lab File: VD080127.D

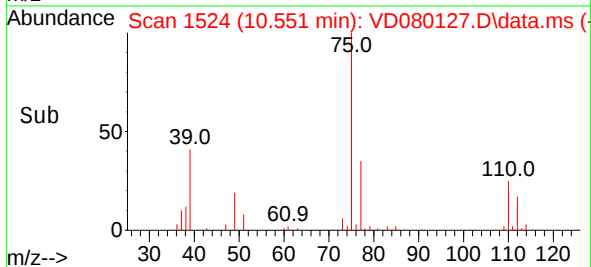
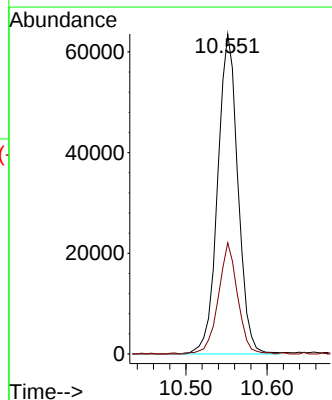
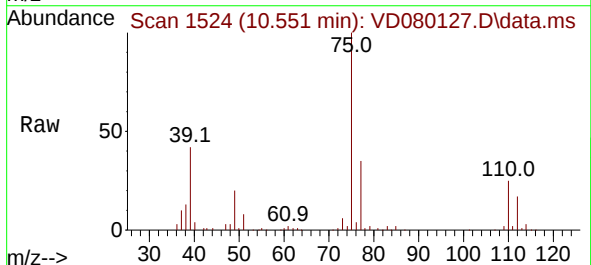
Acq: 11 Dec 2024 13:58

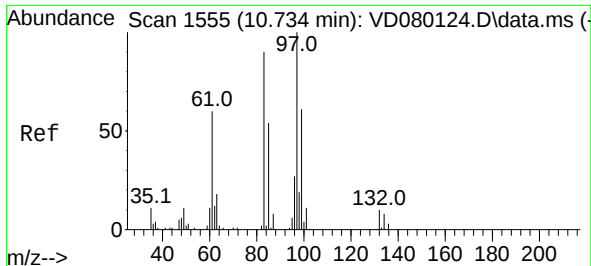
Tgt Ion: 75 Resp: 110384

Ion Ratio Lower Upper

75 100

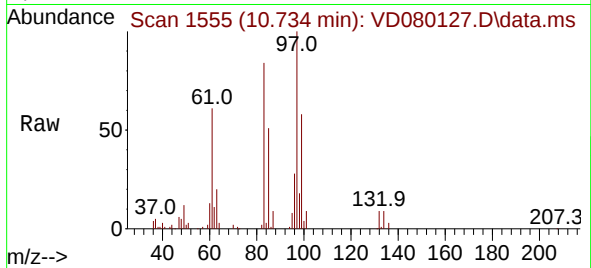
77 34.8 24.2 45.0



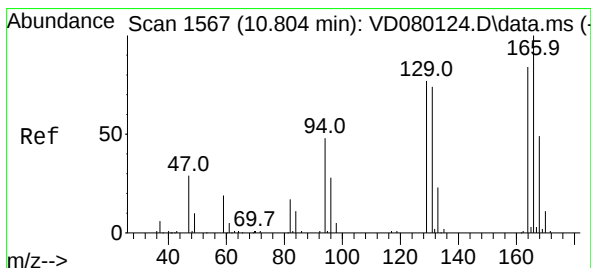
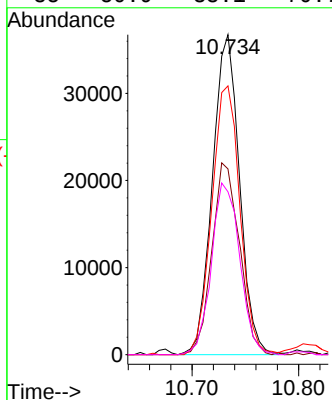
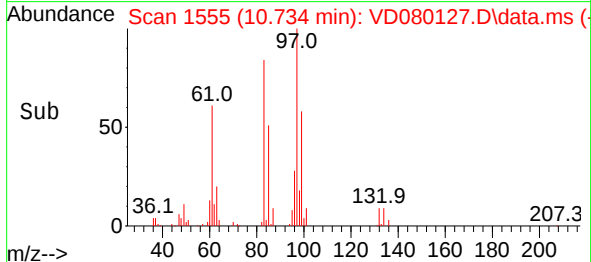


#45
1,1,2-Trichloroethane
Concen: 22.313 ug/L
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD080127.D
Acq: 11 Dec 2024 13:58

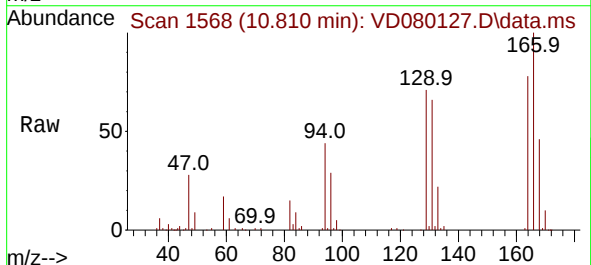
Instrument :
MSVOA_D
ClientSampleId :



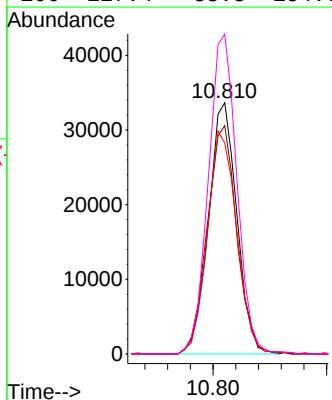
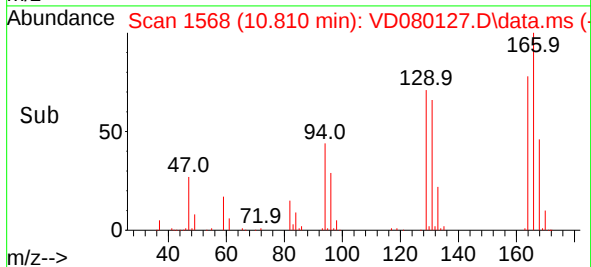
Tgt Ion: 97	Resp: 64791
Ion Ratio	Lower Upper
97 100	
99 58.0	42.5 78.9
83 84.0	63.1 117.1
85 50.9	38.1 70.7

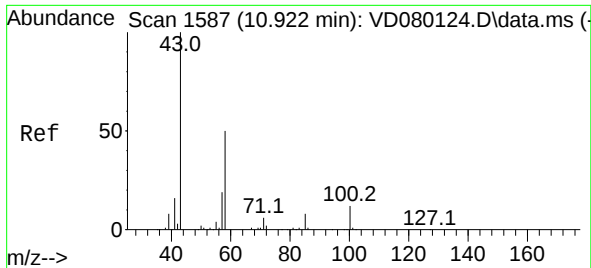


#46
Tetrachloroethene
Concen: 21.984 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VD080127.D
Acq: 11 Dec 2024 13:58



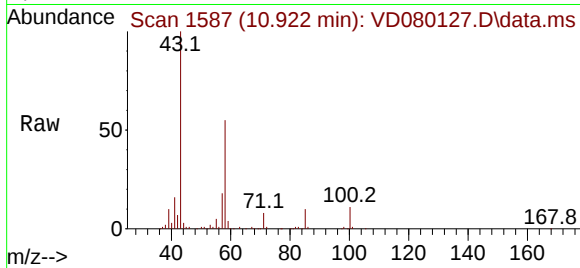
Tgt	Ion:164	Resp:	58313
Ion	Ratio	Lower	Upper
164	100		
129	90.9	64.4	119.6
131	84.0	61.6	114.4
166	127.4	83.3	154.7



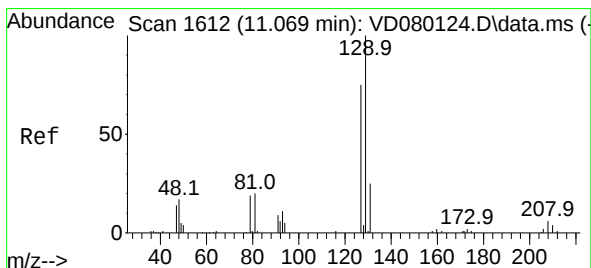
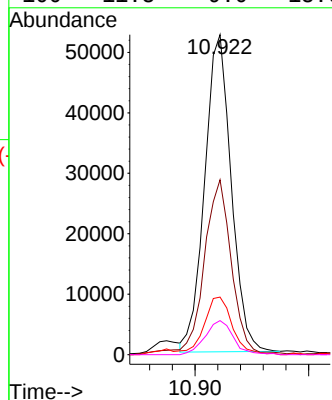
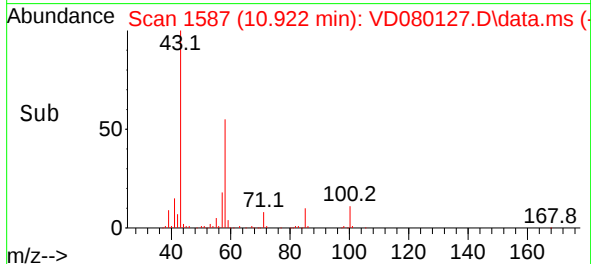


#48
2-Hexanone
Concen: 46.804 ug/L
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD080127.D
Acq: 11 Dec 2024 13:58

Instrument :
MSVOA_D
ClientSampleId :

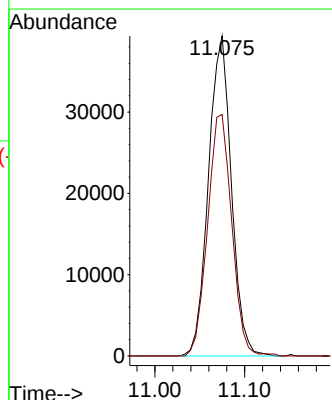
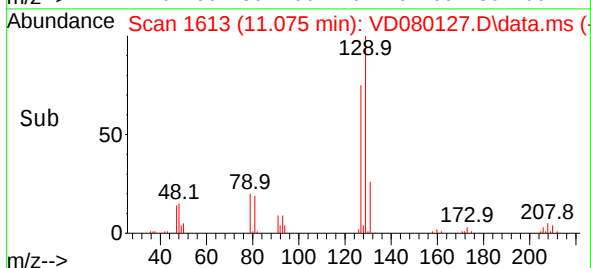
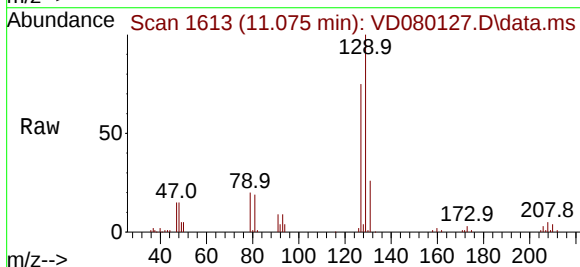


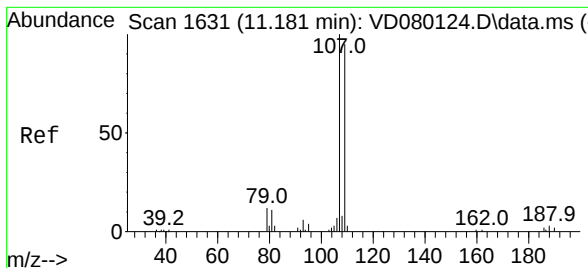
Tgt Ion: 43 Resp: 85349
Ion Ratio Lower Upper
43 100
58 53.3 41.8 62.6
57 19.4 14.8 22.2
100 11.3 9.0 13.6



#49
Dibromochloromethane
Concen: 22.187 ug/L
RT: 11.075 min Scan# 1613
Delta R.T. 0.006 min
Lab File: VD080127.D
Acq: 11 Dec 2024 13:58

Tgt Ion: 129 Resp: 69937
Ion Ratio Lower Upper
129 100
127 75.5 52.4 97.2





#50

1,2-Dibromoethane

Concen: 22.142 ug/L

RT: 11.175 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD080127.D

Acq: 11 Dec 2024 13:58

Instrument :

MSVOA_D

ClientSampleId :

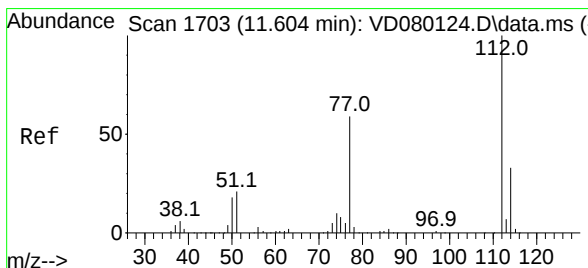
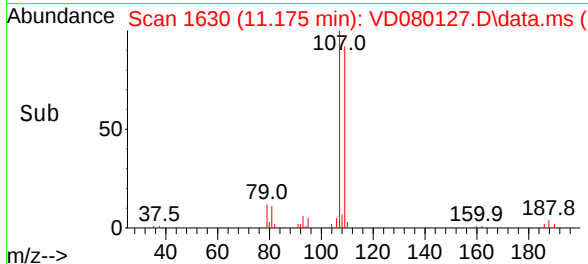
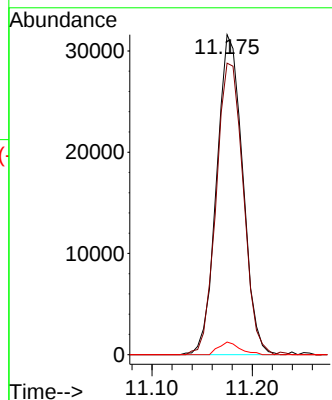
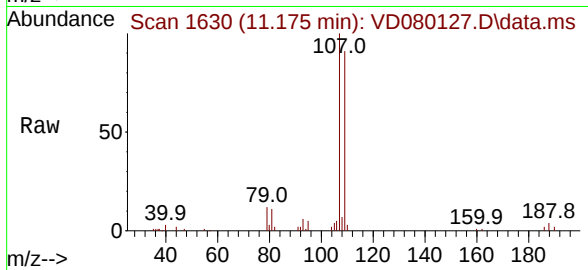
Tgt Ion:107 Resp: 57011

Ion Ratio Lower Upper

107 100

109 91.1 66.2 123.0

188 4.0 2.8 4.2



#51

Chlorobenzene

Concen: 22.226 ug/L

RT: 11.604 min Scan# 1703

Delta R.T. 0.000 min

Lab File: VD080127.D

Acq: 11 Dec 2024 13:58

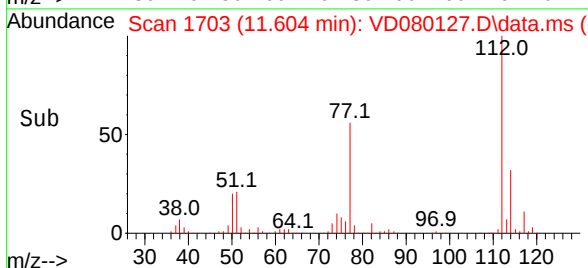
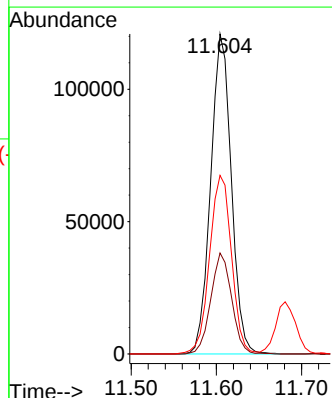
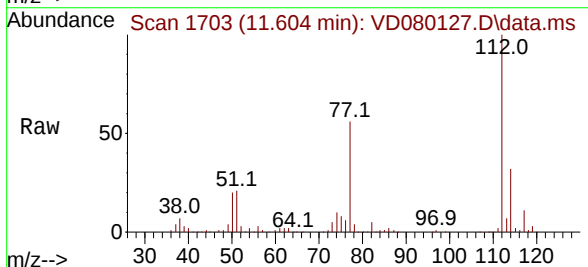
Tgt Ion:112 Resp: 203373

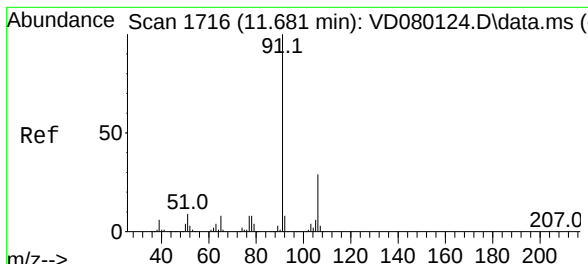
Ion Ratio Lower Upper

112 100

114 31.6 23.3 43.3

77 55.8 47.8 71.8



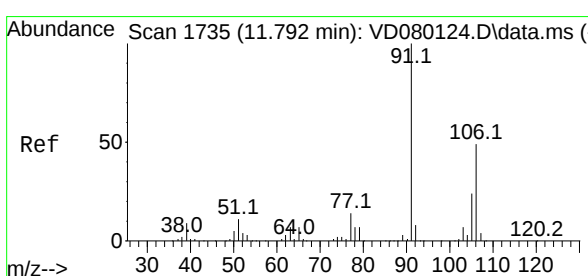
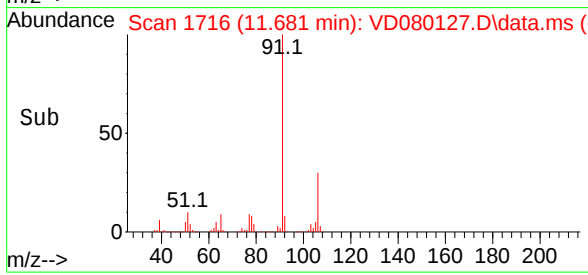
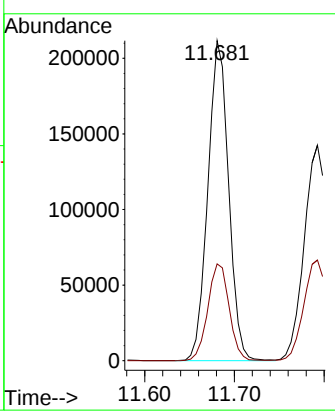
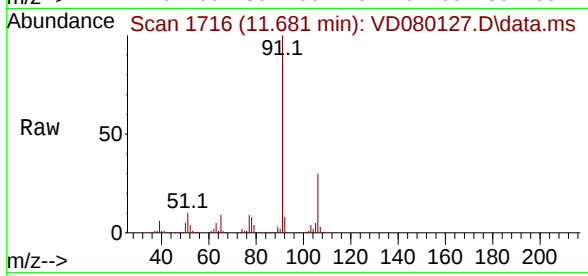


#52
 Ethylbenzene
 Concen: 22.374 ug/L
 RT: 11.681 min Scan# 1716
 Delta R.T. 0.000 min
 Lab File: VD080127.D
 Acq: 11 Dec 2024 13:58

Instrument :
 MSVOA_D
 ClientSampleId :

Tgt Ion: 91 Resp: 339665

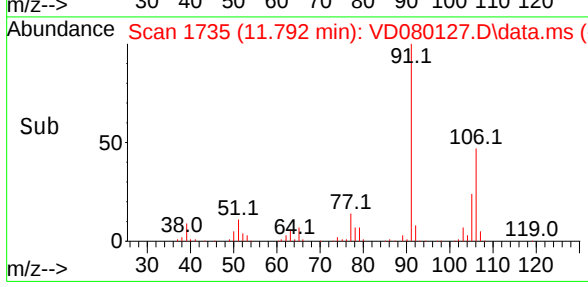
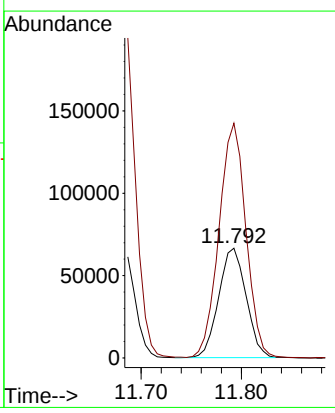
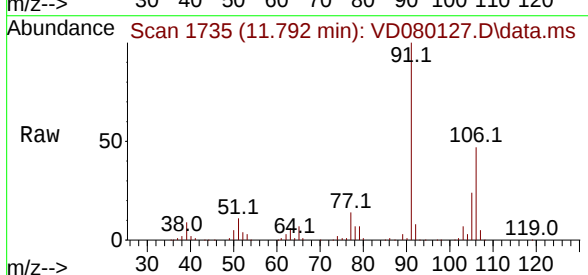
Ion	Ratio	Lower	Upper
91	100		
106	30.3	20.0	37.2

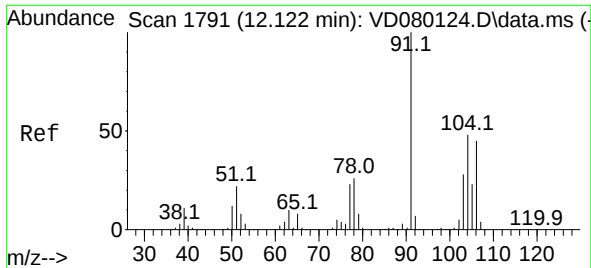


#53
 m,p-Xylene
 Concen: 21.759 ug/L
 RT: 11.792 min Scan# 1735
 Delta R.T. 0.000 min
 Lab File: VD080127.D
 Acq: 11 Dec 2024 13:58

Tgt Ion: 106 Resp: 126296

Ion	Ratio	Lower	Upper
106	100		
91	214.0	143.5	266.5

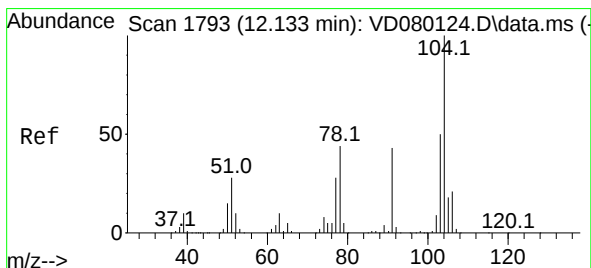
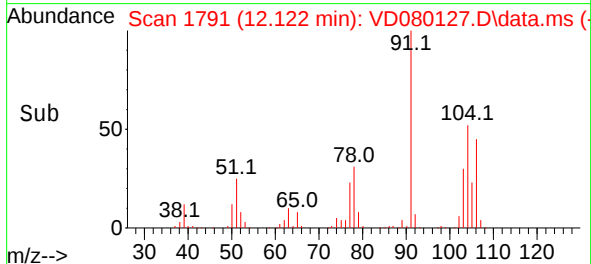
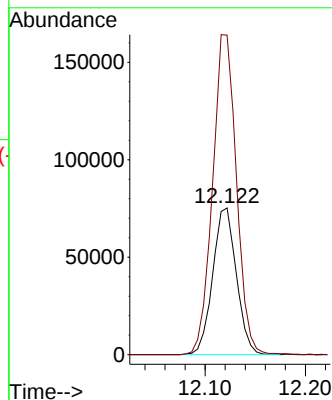
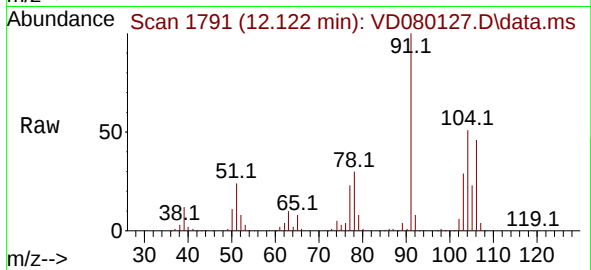




#54
o-Xylene
Concen: 22.126 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD080127.D
Acq: 11 Dec 2024 13:58

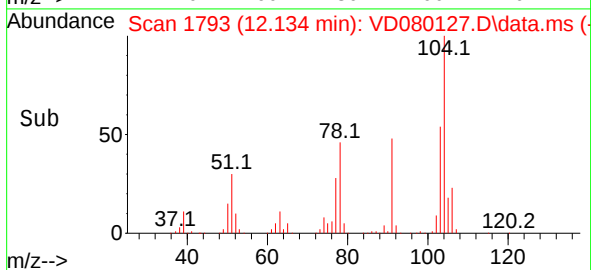
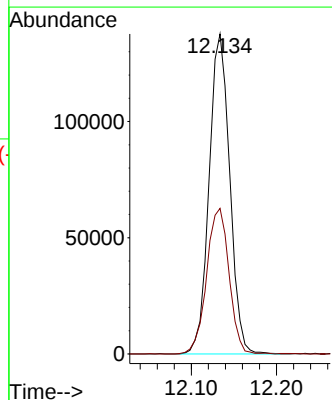
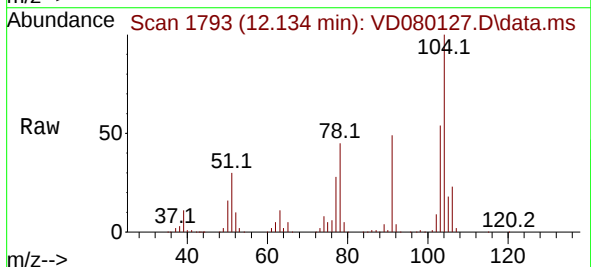
Instrument :
MSVOA_D
ClientSampleId :

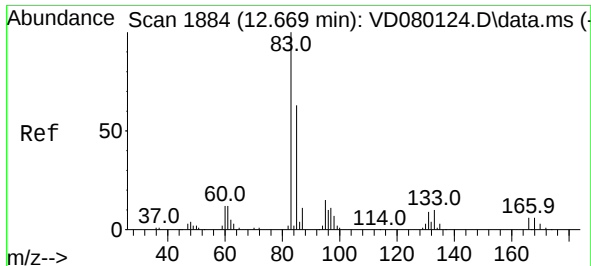
Tgt Ion:106 Resp: 123213
Ion Ratio Lower Upper
106 100
91 217.7 155.8 289.4



#55
Styrene
Concen: 22.973 ug/L
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD080127.D
Acq: 11 Dec 2024 13:58

Tgt Ion:104 Resp: 231549
Ion Ratio Lower Upper
104 100
78 45.5 31.2 58.0





#57

1,1,2,2-Tetrachloroethane

Concen: 21.713 ug/L

RT: 12.669 min Scan# 1884

Delta R.T. 0.000 min

Lab File: VD080127.D

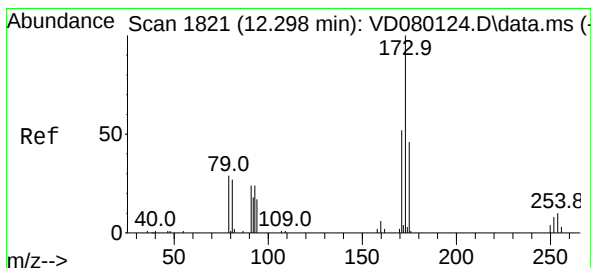
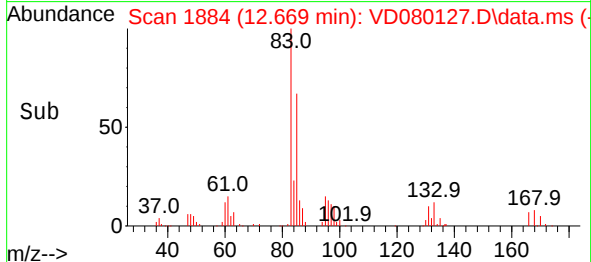
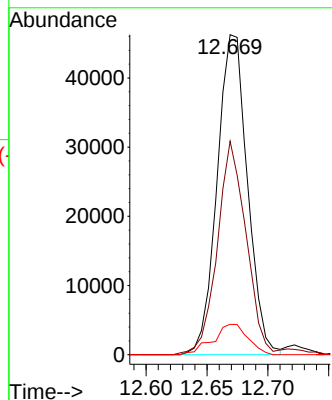
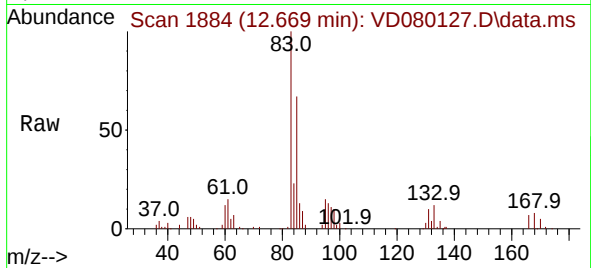
Acq: 11 Dec 2024 13:58

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	83	Resp:	80329
Ion Ratio	Lower	Upper	
83	100		
85	66.7	44.2	82.2
131	9.5	7.1	10.7



#59

Bromoform

Concen: 21.459 ug/L

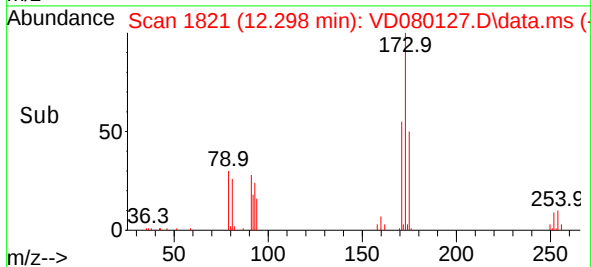
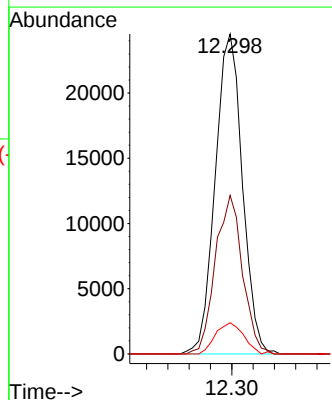
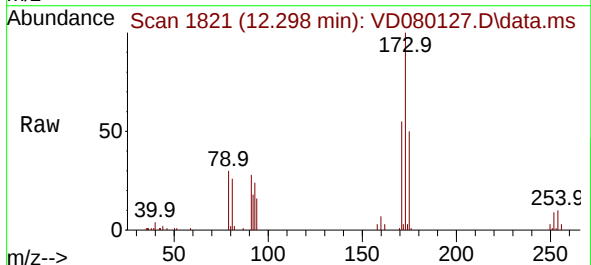
RT: 12.298 min Scan# 1821

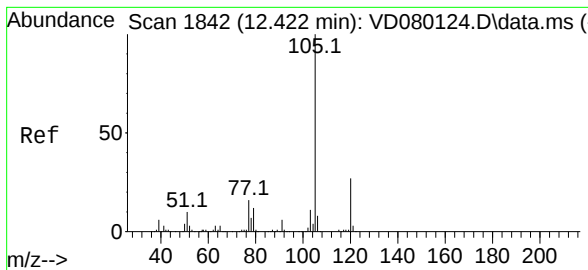
Delta R.T. 0.000 min

Lab File: VD080127.D

Acq: 11 Dec 2024 13:58

Tgt Ion:	173	Resp:	43356
Ion Ratio	Lower	Upper	
173	100		
175	49.5	38.2	57.4
254	10.1	8.5	12.7





#60

Isopropylbenzene

Concen: 21.637 ug/L

RT: 12.422 min Scan# 1842

Delta R.T. 0.000 min

Lab File: VD080127.D

Acq: 11 Dec 2024 13:58

Instrument :

MSVOA_D

ClientSampleId :

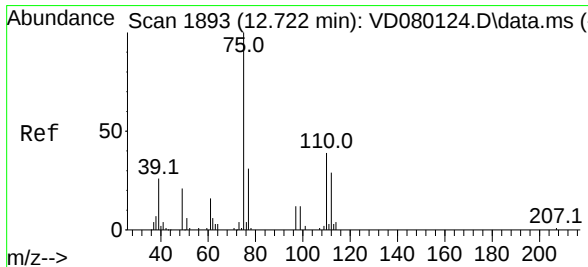
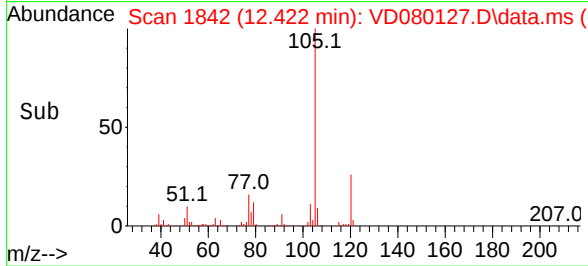
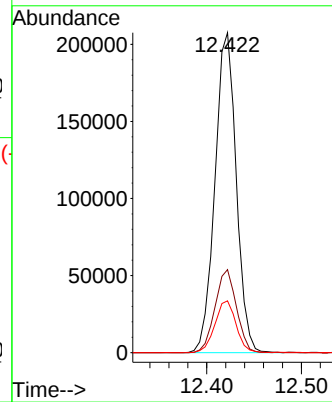
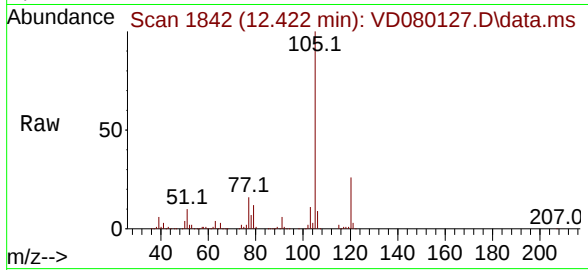
Tgt Ion:105 Resp: 323486

Ion Ratio Lower Upper

105 100

120 26.1 21.0 31.4

77 16.2 12.9 19.3



#61

1,2,3-Trichloropropane

Concen: 21.589 ug/L

RT: 12.722 min Scan# 1893

Delta R.T. 0.000 min

Lab File: VD080127.D

Acq: 11 Dec 2024 13:58

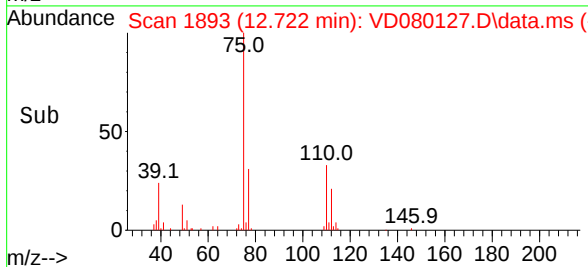
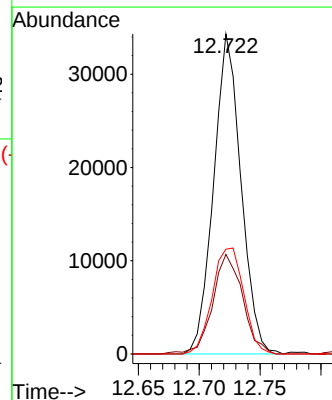
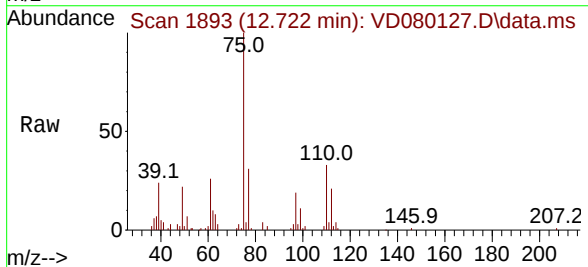
Tgt Ion: 75 Resp: 53572

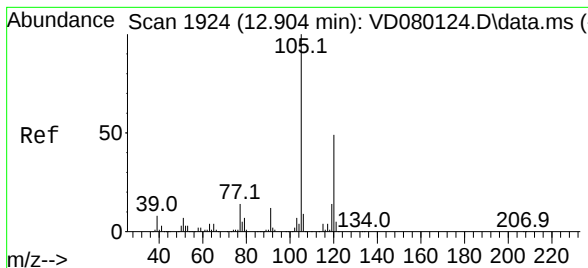
Ion Ratio Lower Upper

75 100

77 33.7 25.8 38.6

110 38.0 30.2 45.2





#62

1,3,5-Trimethylbenzene

Concen: 20.620 ug/L

RT: 12.904 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VD080127.D

Acq: 11 Dec 2024 13:58

Instrument :

MSVOA_D

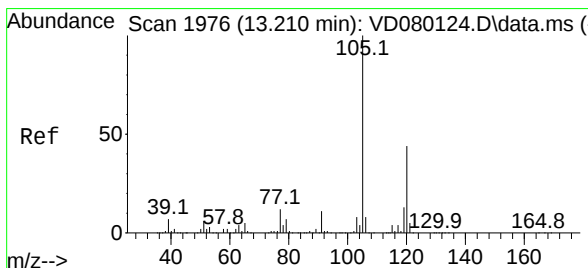
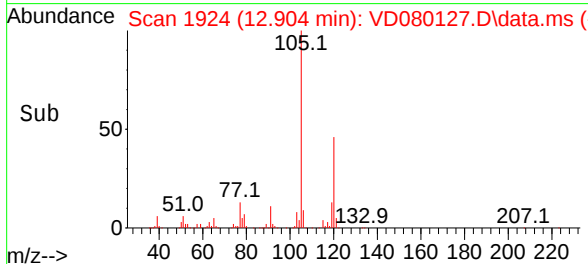
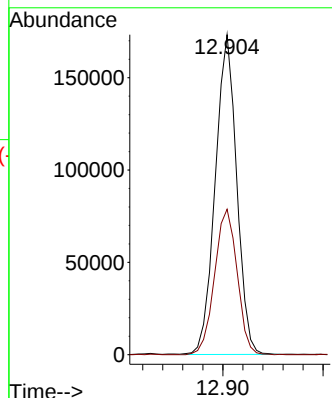
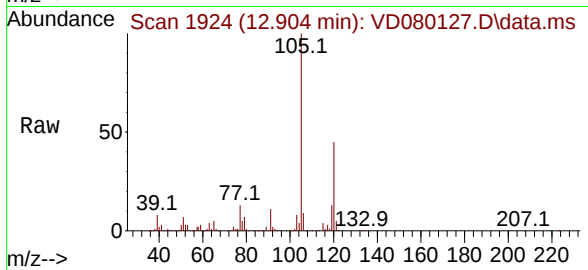
ClientSampleId :

Tgt Ion:105 Resp: 257015

Ion Ratio Lower Upper

105 100

120 47.8 39.4 59.2



#63

1,2,4-Trimethylbenzene

Concen: 21.844 ug/L

RT: 13.210 min Scan# 1976

Delta R.T. 0.000 min

Lab File: VD080127.D

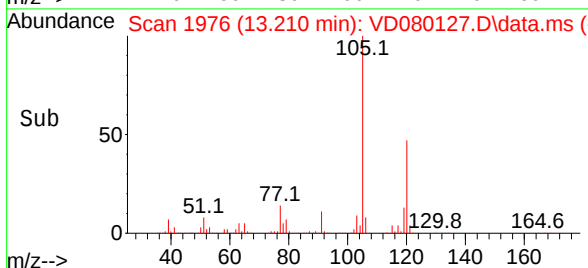
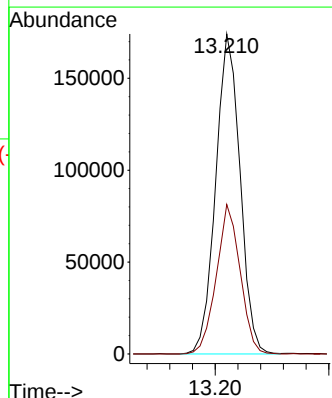
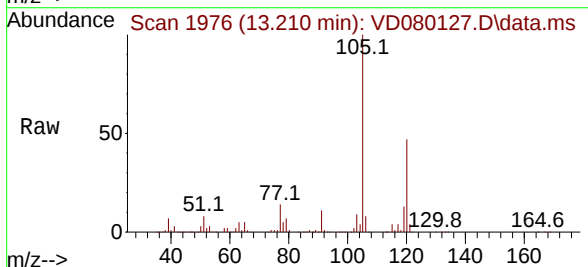
Acq: 11 Dec 2024 13:58

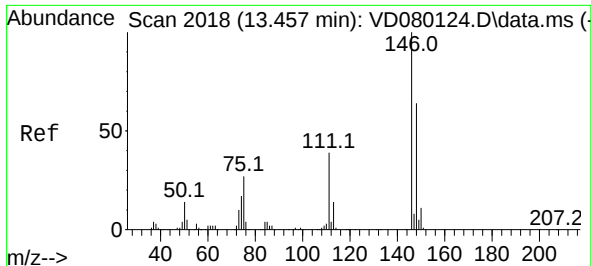
Tgt Ion:105 Resp: 259053

Ion Ratio Lower Upper

105 100

120 45.7 36.4 54.6





#64

1,3-Dichlorobenzene

Concen: 21.629 ug/L

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VD080127.D

Acq: 11 Dec 2024 13:58

Instrument :

MSVOA_D

ClientSampleId :

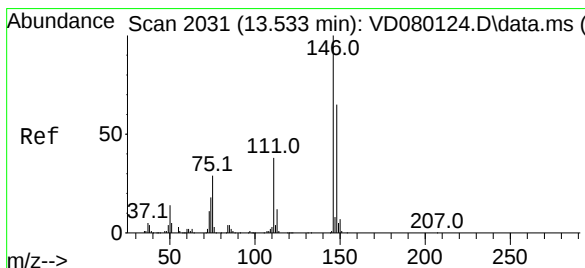
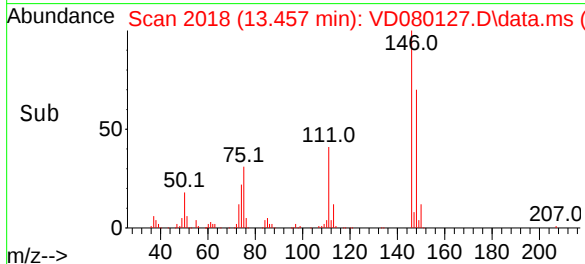
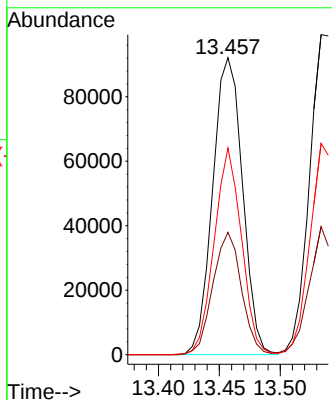
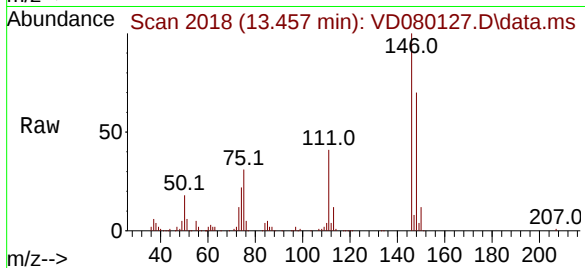
Tgt Ion:146 Resp: 157290

Ion Ratio Lower Upper

146 100

111 41.2 27.0 50.2

148 69.6 44.8 83.2



#65

1,4-Dichlorobenzene

Concen: 21.071 ug/L

RT: 13.534 min Scan# 2031

Delta R.T. 0.000 min

Lab File: VD080127.D

Acq: 11 Dec 2024 13:58

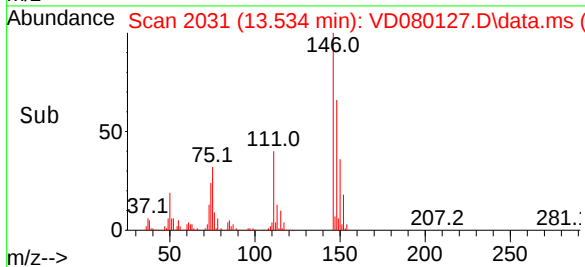
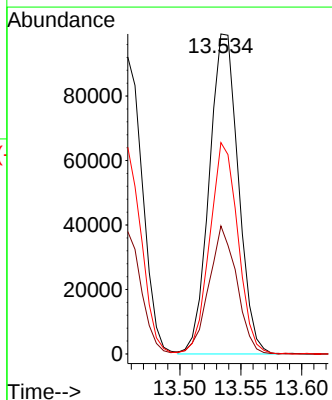
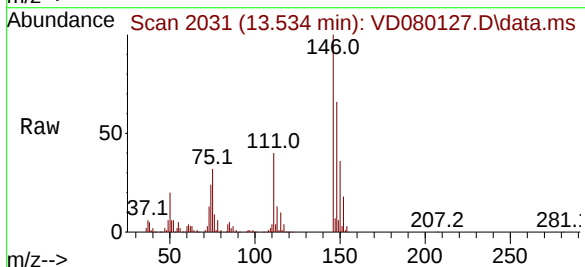
Tgt Ion:146 Resp: 165186

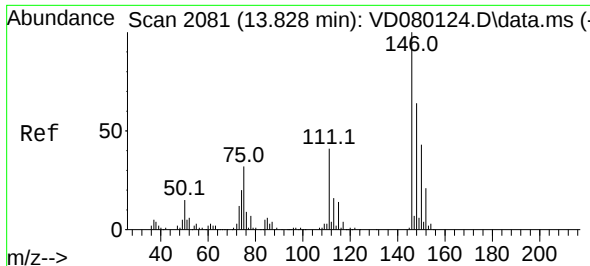
Ion Ratio Lower Upper

146 100

111 40.0 27.0 50.2

148 66.0 45.2 84.0





#67

1,2-Dichlorobenzene

Concen: 20.557 ug/L

RT: 13.828 min Scan# 2081

Delta R.T. 0.000 min

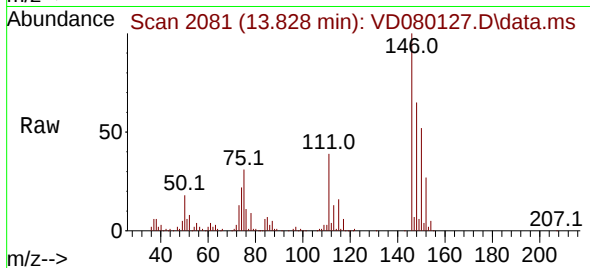
Lab File: VD080127.D

Acq: 11 Dec 2024 13:58

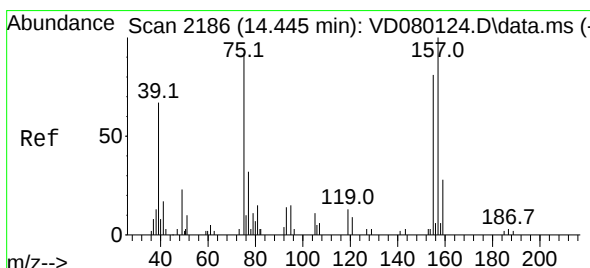
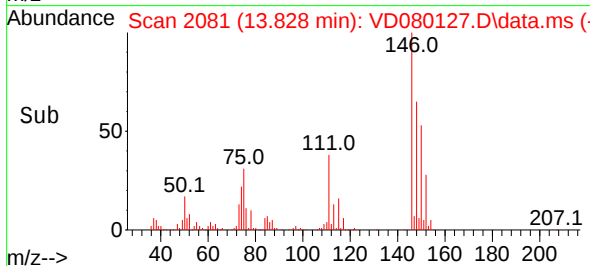
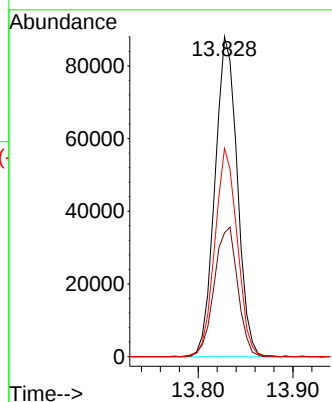
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	146	Resp:	144356
Ion	Ratio	Lower	Upper
146	100		
111	38.7	32.8	49.2
148	65.1	51.4	77.0



#68

1,2-Dibromo-3-chloropropane

Concen: 22.608 ug/L

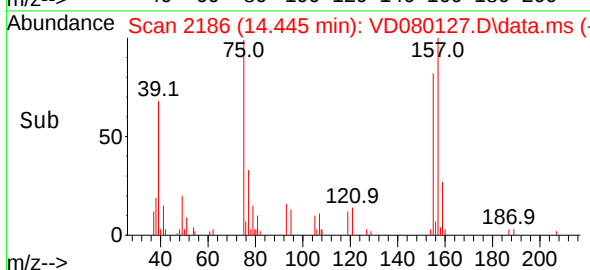
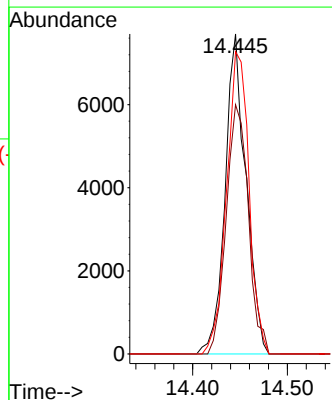
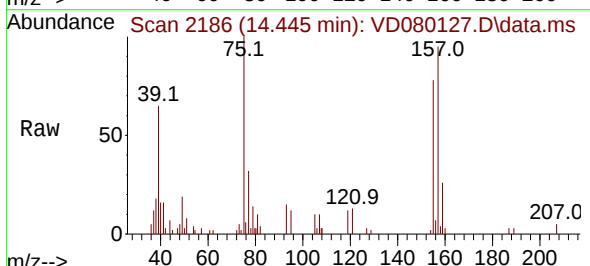
RT: 14.445 min Scan# 2186

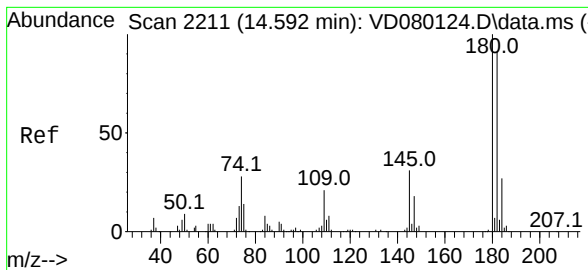
Delta R.T. 0.000 min

Lab File: VD080127.D

Acq: 11 Dec 2024 13:58

Tgt Ion:	75	Resp:	11810
Ion	Ratio	Lower	Upper
75	100		
155	77.9	70.5	105.7
157	94.5	86.6	129.8





#69

1,3,5-Trichlorobenzene

Concen: 20.527 ug/L

RT: 14.592 min Scan# 2211

Delta R.T. 0.000 min

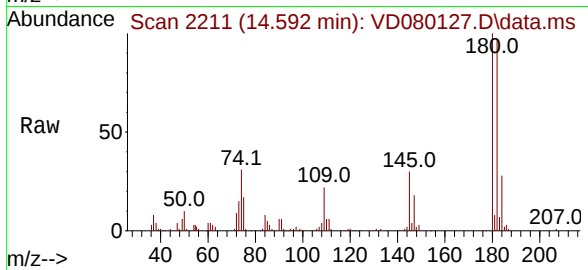
Lab File: VD080127.D

Acq: 11 Dec 2024 13:58

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:180 Resp: 103118

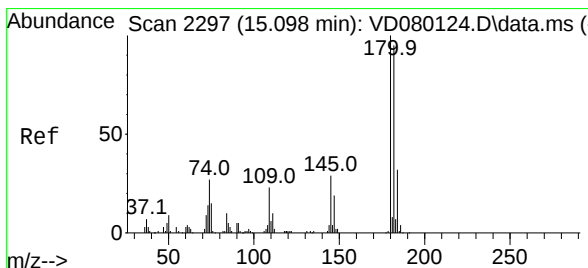
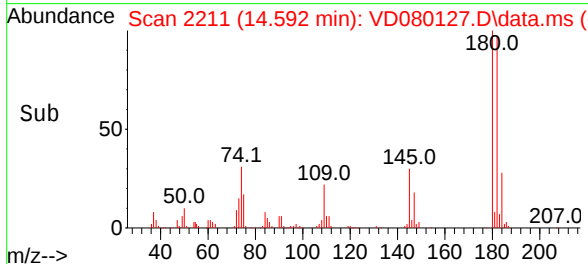
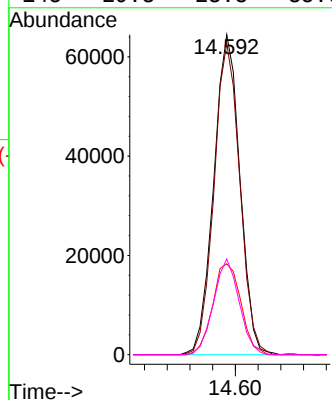
Ion Ratio Lower Upper

180 100

182 95.7 75.0 112.6

184 30.7 23.4 35.2

145 29.3 23.8 35.6



#70

1,2,4-trichlorobenzene

Concen: 21.300 ug/L

RT: 15.098 min Scan# 2297

Delta R.T. 0.000 min

Lab File: VD080127.D

Acq: 11 Dec 2024 13:58

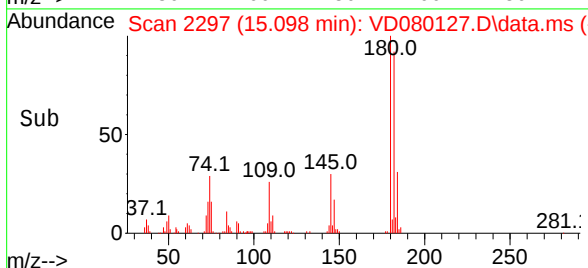
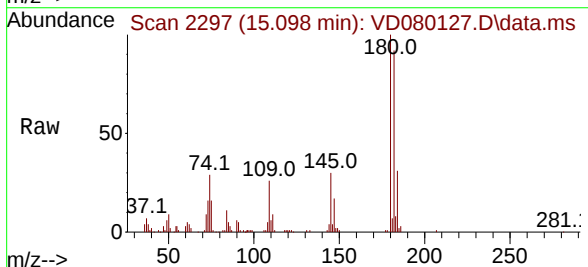
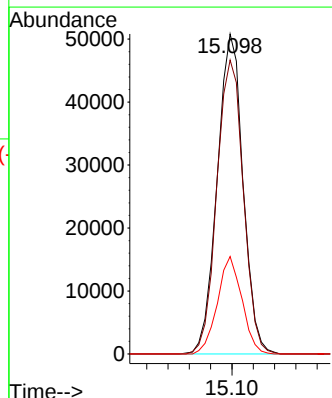
Tgt Ion:180 Resp: 85537

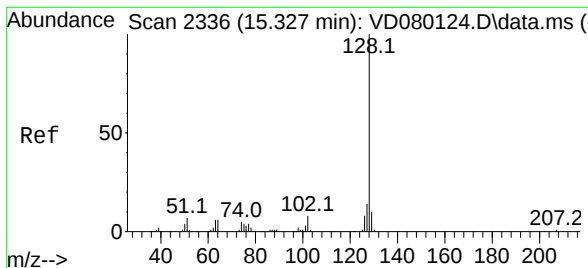
Ion Ratio Lower Upper

180 100

182 94.1 77.0 115.4

145 28.8 23.4 35.2





#71

Naphthalene

Concen: 21.495 ug/L

RT: 15.333 min Scan# 2337

Delta R.T. 0.006 min

Lab File: VD080127.D

Acq: 11 Dec 2024 13:58

Instrument :

MSVOA_D

ClientSampleId :

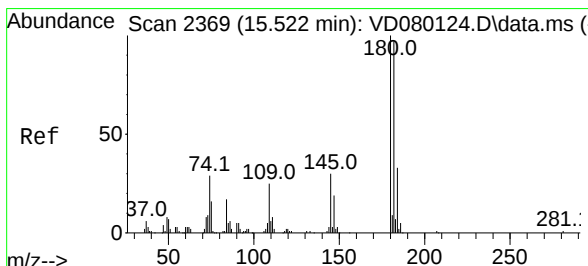
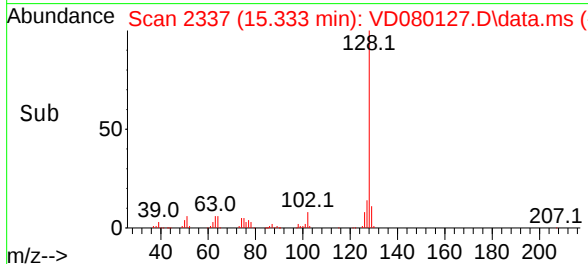
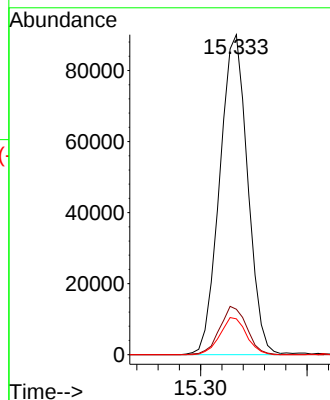
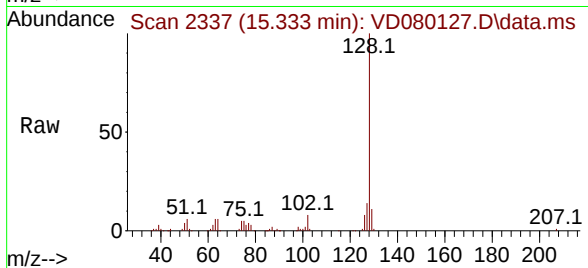
Tgt Ion:128 Resp: 163987

Ion Ratio Lower Upper

128 100

127 14.6 11.2 16.8

129 11.0 8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 20.439 ug/L

RT: 15.522 min Scan# 2369

Delta R.T. 0.000 min

Lab File: VD080127.D

Acq: 11 Dec 2024 13:58

Tgt Ion:180 Resp: 82606

Ion Ratio Lower Upper

180 100

182 94.2 78.1 117.1

145 30.9 25.8 38.8

