

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120924\
 Data File : VD080120.D
 Acq On : 09 Dec 2024 16:25
 Operator : RP/MD
 Sample : VSTDCCC025
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Dec 10 00:29:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM120524SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Dec 10 00:27:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	263638	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	264259	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	150421	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.270	65	77804	16.567	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.280%
7) Chloroethane-d5	2.793	69	69758	19.048	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.200%
11) 1,1-Dichloroethene-d2	3.911	65	33176	19.695	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	78.760%
21) 2-Butanone-d5	6.993	46	38837	49.200	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.400%
24) Chloroform-d	7.569	84	169999	23.695	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.760%
26) 1,2-Dichloroethane-d4	8.228	65	94795	25.118	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.480%
32) Benzene-d6	8.199	84	356323	23.411	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.640%
36) 1,2-Dichloropropane-d6	9.210	67	112170	23.451	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.800%
41) Toluene-d8	10.269	98	351651	24.798	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.200%
43) trans-1,3-Dichloroprop...	10.528	79	49607	24.509	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.040%
47) 2-Hexanone-d5	10.875	63	38220	55.404	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	110.800%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	107805	27.955	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	111.800%
66) 1,2-Dichlorobenzene-d4	13.810	152	133356	25.319	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.280%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	89627	20.730	ug/L	97
3) Chloromethane	2.152	50	61742	14.916	ug/L	99
5) Vinyl chloride	2.275	62	83017	15.908	ug/L	96
6) Bromomethane	2.687	94	51229	17.187	ug/L	98
8) Chloroethane	2.828	64	54608	17.333	ug/L	96
9) Trichlorofluoromethane	3.164	101	130657	19.097	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	3.958	101	80915	20.353	ug/L	97
12) 1,1-Dichloroethene	3.934	96	68596	18.845	ug/L	91
13) Acetone	4.028	43	49813	36.487	ug/L	98
14) Carbon disulfide	4.264	76	253053	19.076	ug/L	100
15) Methyl Acetate	4.569	43	32600	19.394	ug/L #	79
16) Methylene chloride	4.799	84	88923	21.052	ug/L	97
17) trans-1,2-Dichloroethene	5.311	96	80354	19.924	ug/L	92
18) Methyl tert-butyl Ether	5.322	73	169299	21.058	ug/L	97
19) 1,1-Dichloroethane	6.105	63	142666	19.745	ug/L	99
20) cis-1,2-Dichloroethene	7.081	96	89491	20.517	ug/L	94
22) 2-Butanone	7.087	43	53581	37.691	ug/L	98
23) Bromochloromethane	7.422	128	46731	23.182	ug/L	92
25) Chloroform	7.593	83	169510	21.377	ug/L	99

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 Quant Title : SFAM01.0
 QLast Update : Tue Dec 10 00:27:23 2024
 Response via : Initial Calibration

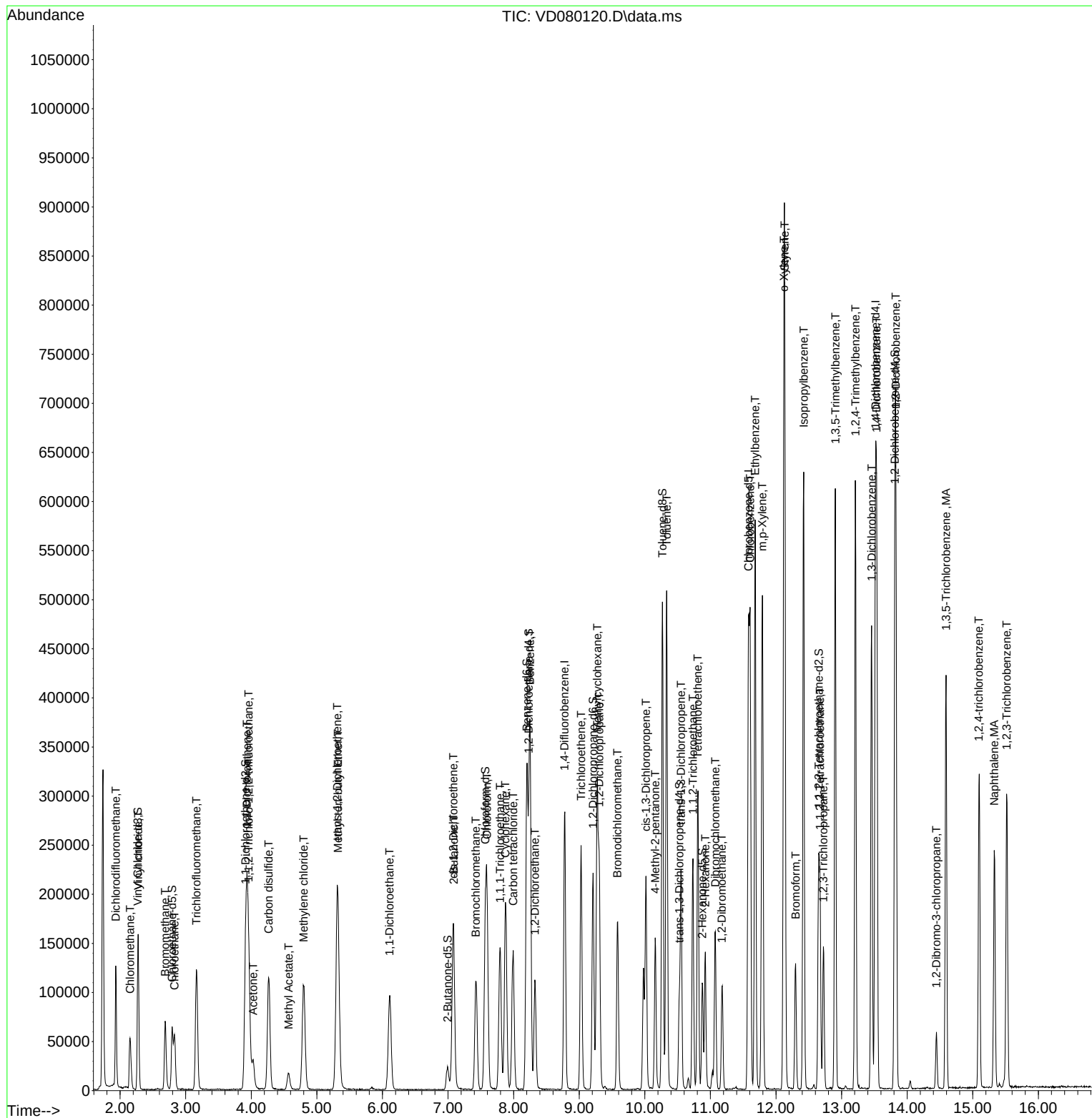
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.322	62	100560	21.812	ug/L	95
29) Cyclohexane	7.875	56	101424	16.899	ug/L	97
30) 1,1,1-Trichloroethane	7.793	97	125207	19.346	ug/L	98
31) Carbon tetrachloride	7.993	117	114333	19.878	ug/L	99
33) Benzene	8.252	78	342044	19.974	ug/L	100
34) Trichloroethene	9.028	95	87174	19.623	ug/L	99
35) Methylcyclohexane	9.275	83	125499	18.671	ug/L	99
37) 1,2-Dichloropropane	9.304	63	91796	20.296	ug/L	98
38) Bromodichloromethane	9.581	83	118641	21.087	ug/L	99
39) cis-1,3-Dichloropropene	10.016	75	135063	19.807	ug/L	97
40) 4-Methyl-2-pentanone	10.157	43	98960	42.768	ug/L	97
42) Toluene	10.334	91	392559	21.603	ug/L	99
44) trans-1,3-Dichloropropene	10.551	75	125067	21.715	ug/L	99
45) 1,1,2-Trichloroethane	10.734	97	78784	23.353	ug/L	92
46) Tetrachloroethene	10.804	164	74996	20.803	ug/L	87
48) 2-Hexanone	10.922	43	84504	40.786	ug/L	97
49) Dibromochloromethane	11.075	129	90048	23.170	ug/L	98
50) 1,2-Dibromoethane	11.175	107	72906	23.134	ug/L	96
51) Chlorobenzene	11.604	112	253103	21.486	ug/L	94
52) Ethylbenzene	11.681	91	408498	20.683	ug/L	98
53) m,p-Xylene	11.793	106	162479	21.548	ug/L	95
54) o-Xylene	12.122	106	154694	21.294	ug/L	96
55) Styrene	12.134	104	291859	22.755	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.669	83	94130	23.962	ug/L	99
59) Bromoform	12.298	173	59497	22.287	ug/L	98
60) Isopropylbenzene	12.422	105	403556	19.099	ug/L	99
61) 1,2,3-Trichloropropane	12.722	75	62617	20.809	ug/L	96
62) 1,3,5-Trimethylbenzene	12.904	105	323678	19.353	ug/L	98
63) 1,2,4-Trimethylbenzene	13.210	105	326930	19.800	ug/L	99
64) 1,3-Dichlorobenzene	13.457	146	211540	20.901	ug/L	98
65) 1,4-Dichlorobenzene	13.534	146	222884	21.450	ug/L	99
67) 1,2-Dichlorobenzene	13.828	146	200521	21.724	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.445	75	13927	19.752	ug/L #	77
69) 1,3,5-Trichlorobenzene	14.592	180	140046	20.201	ug/L	98
70) 1,2,4-trichlorobenzene	15.092	180	117467	20.621	ug/L	100
71) Naphthalene	15.328	128	216722	20.514	ug/L	99
72) 1,2,3-Trichlorobenzene	15.516	180	112622	21.462	ug/L	99

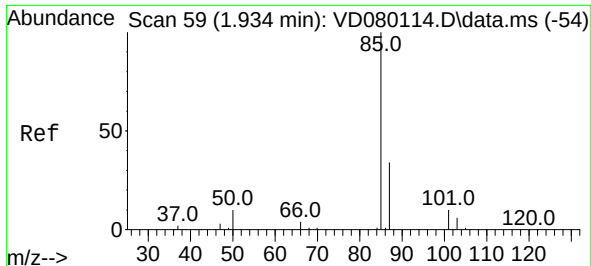
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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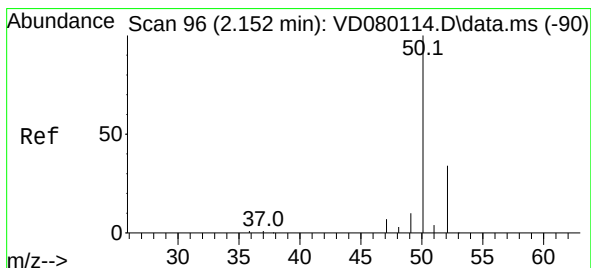
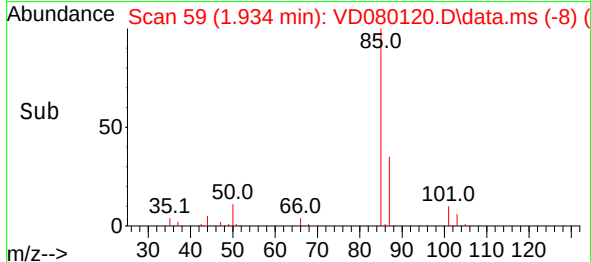
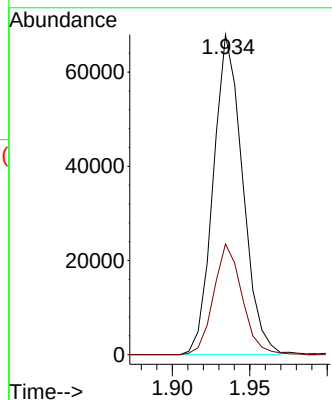
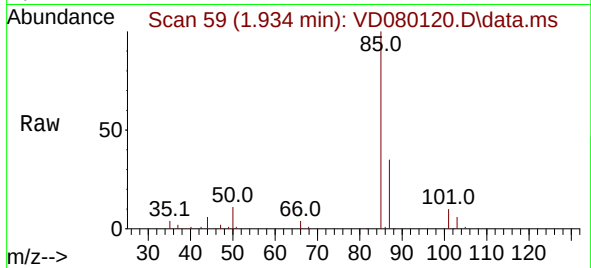




#2
Dichlorodifluoromethane
Concen: 20.730 ug/L
RT: 1.934 min Scan# 59
Delta R.T. -0.000 min
Lab File: VD080120.D
Acq: 09 Dec 2024 16:25

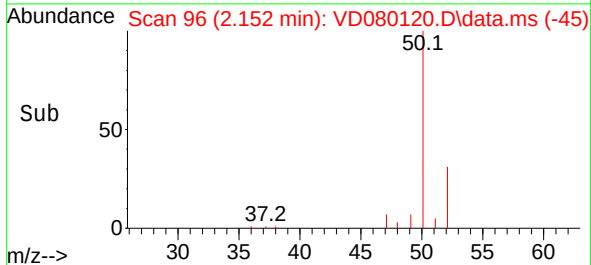
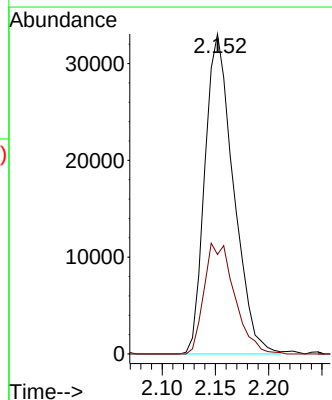
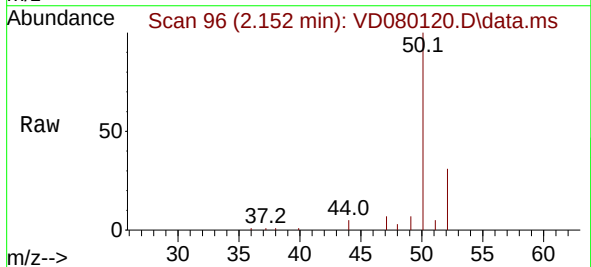
Instrument :
MSVOA_D
ClientSampleId :

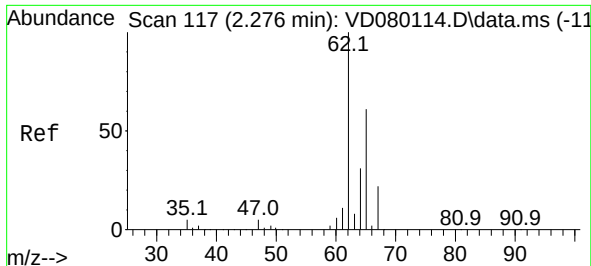
Tgt Ion: 85 Resp: 89627
Ion Ratio Lower Upper
85 100
87 33.5 25.4 38.2



#3
Chloromethane
Concen: 14.916 ug/L
RT: 2.152 min Scan# 96
Delta R.T. -0.000 min
Lab File: VD080120.D
Acq: 09 Dec 2024 16:25

Tgt Ion: 50 Resp: 61742
Ion Ratio Lower Upper
50 100
52 31.1 21.6 40.0

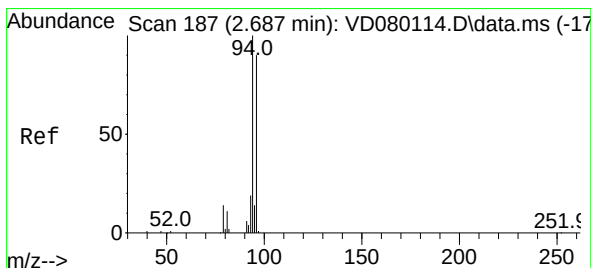
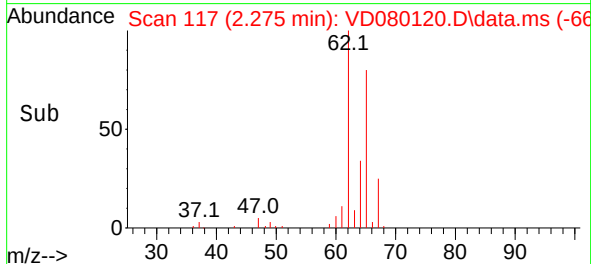
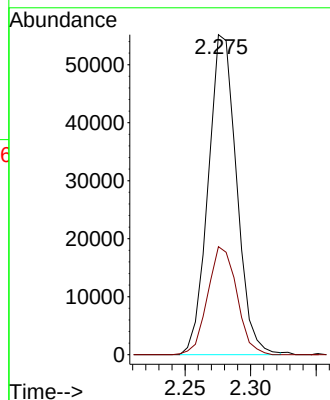
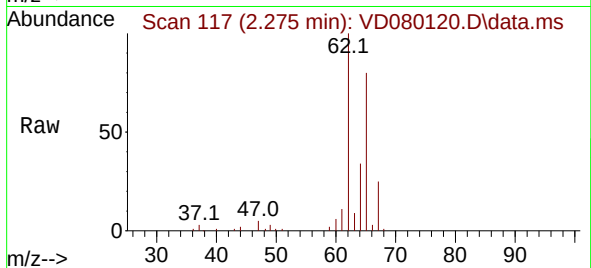




#5
 Vinyl chloride
 Concen: 15.908 ug/L
 RT: 2.275 min Scan# 117
 Delta R.T. -0.000 min
 Lab File: VD080120.D
 Acq: 09 Dec 2024 16:25

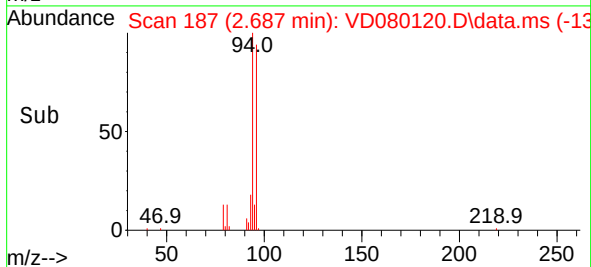
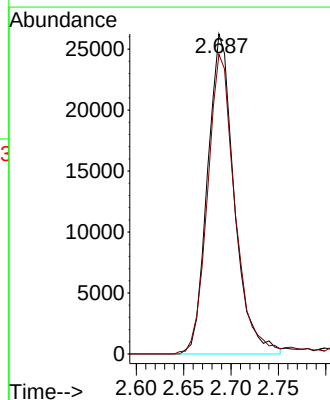
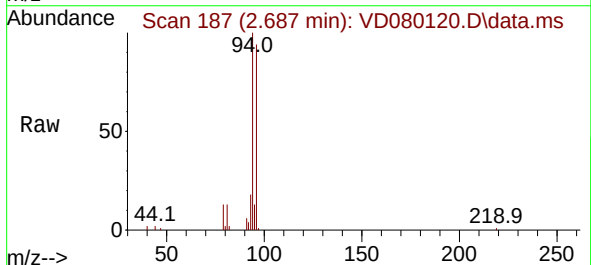
Instrument :
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 ClientSampleId :

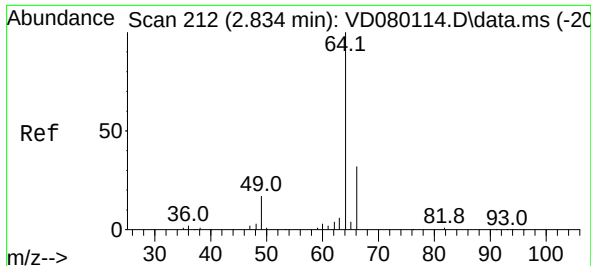
Tgt Ion: 62 Resp: 83017
 Ion Ratio Lower Upper
 62 100
 64 33.7 25.1 46.7



#6
 Bromomethane
 Concen: 17.187 ug/L
 RT: 2.687 min Scan# 187
 Delta R.T. -0.000 min
 Lab File: VD080120.D
 Acq: 09 Dec 2024 16:25

Tgt Ion: 94 Resp: 51229
 Ion Ratio Lower Upper
 94 100
 96 93.6 64.5 119.7

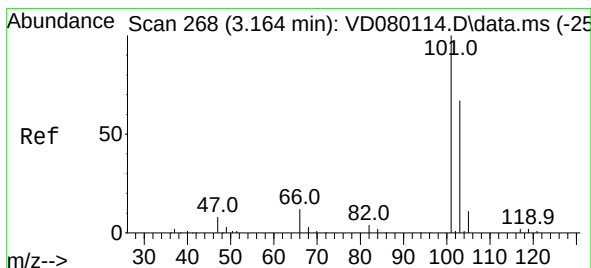
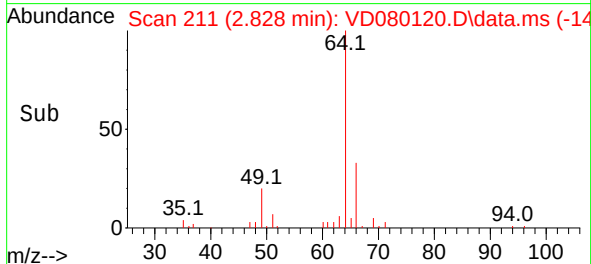
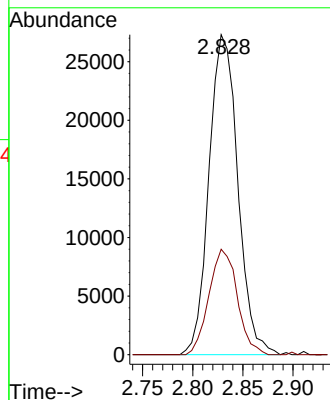
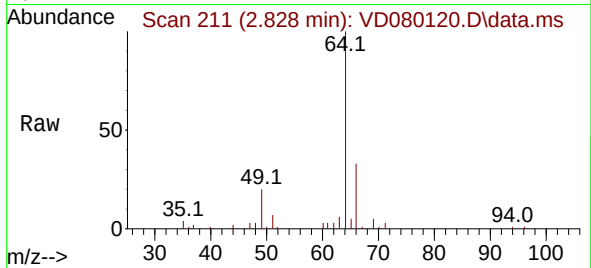




#8
Chloroethane
Concen: 17.333 ug/L
RT: 2.828 min Scan# 212
Delta R.T. -0.006 min
Lab File: VD080120.D
Acq: 09 Dec 2024 16:25

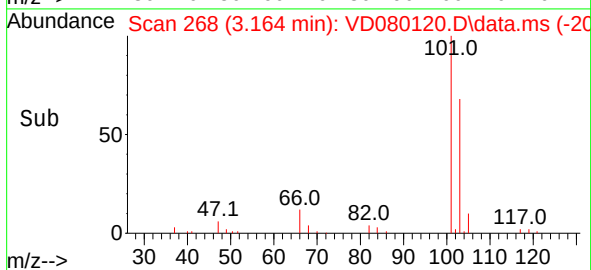
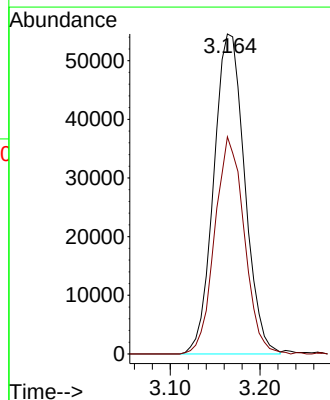
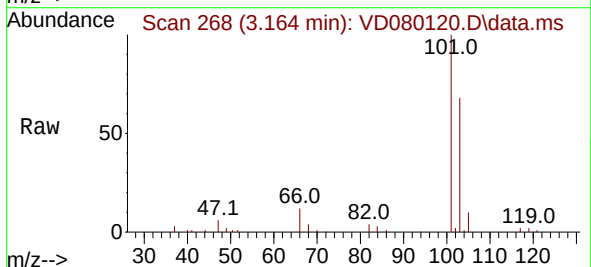
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ClientSampleId :

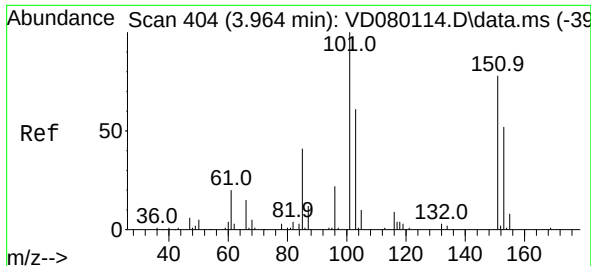
Tgt Ion: 64 Resp: 54608
Ion Ratio Lower Upper
64 100
66 33.0 21.7 40.3



#9
Trichlorofluoromethane
Concen: 19.097 ug/L
RT: 3.164 min Scan# 268
Delta R.T. -0.000 min
Lab File: VD080120.D
Acq: 09 Dec 2024 16:25

Tgt Ion:101 Resp: 130657
Ion Ratio Lower Upper
101 100
103 64.5 51.8 77.8

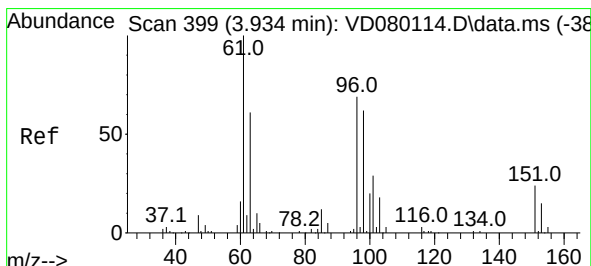
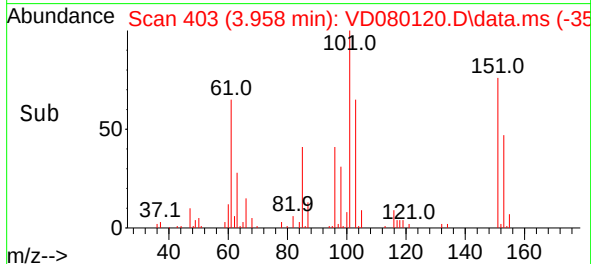
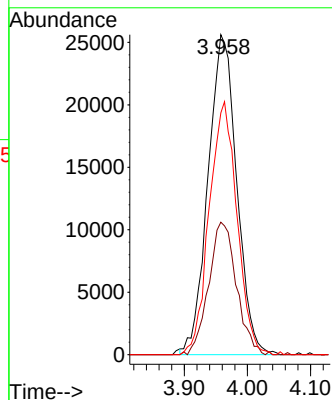
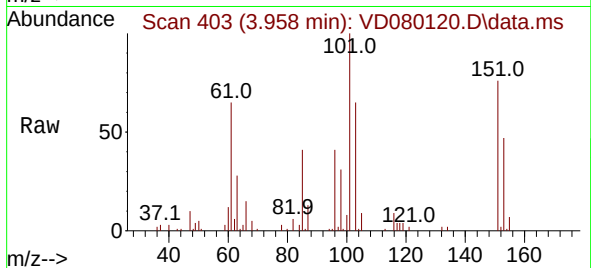




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 20.353 ug/L
RT: 3.958 min Scan# 404
Delta R.T. -0.006 min
Lab File: VD080120.D
Acq: 09 Dec 2024 16:25

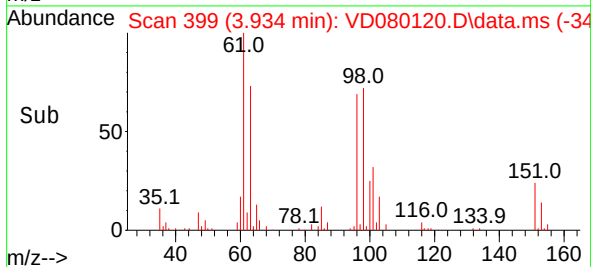
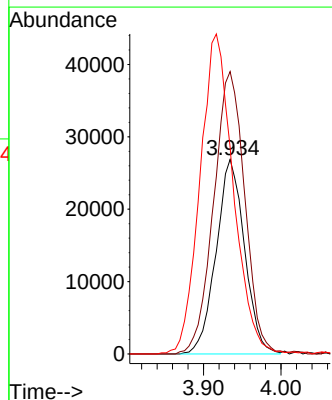
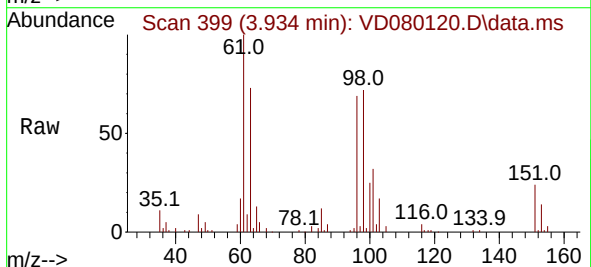
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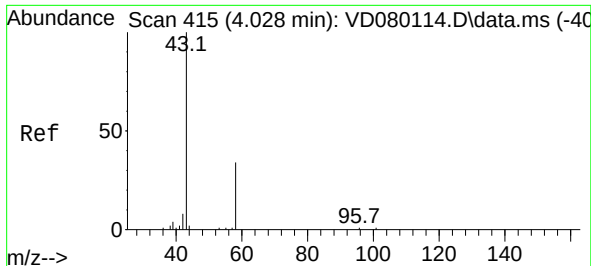
Tgt Ion:101 Resp: 80915
Ion Ratio Lower Upper
101 100
85 39.9 34.9 52.3
151 76.5 60.7 91.1



#12
1,1-Dichloroethene
Concen: 18.845 ug/L
RT: 3.934 min Scan# 399
Delta R.T. -0.000 min
Lab File: VD080120.D
Acq: 09 Dec 2024 16:25

Tgt Ion: 96 Resp: 68596
Ion Ratio Lower Upper
96 100
61 145.2 111.2 206.6
63 106.3 78.9 146.5





#13

Acetone

Concen: 36.487 ug/L

RT: 4.028 min Scan# 415

Delta R.T. -0.000 min

Lab File: VD080120.D

Acq: 09 Dec 2024 16:25

Instrument :

MSVOA_D

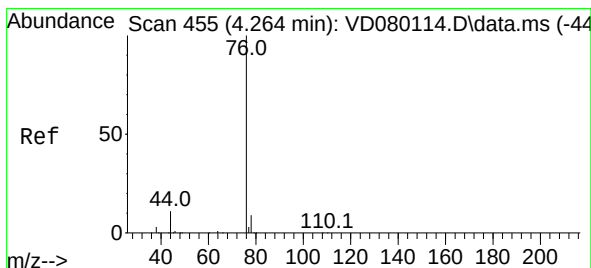
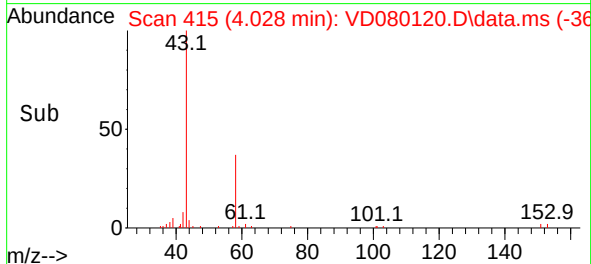
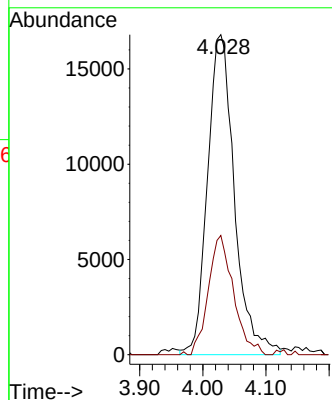
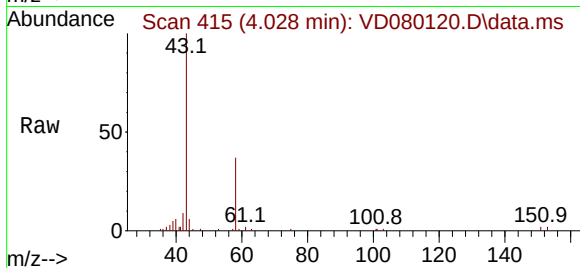
ClientSampleId :

Tgt Ion: 43 Resp: 49813

Ion Ratio Lower Upper

43 100

58 34.7 0.0 71.8



#14

Carbon disulfide

Concen: 19.076 ug/L

RT: 4.264 min Scan# 455

Delta R.T. -0.000 min

Lab File: VD080120.D

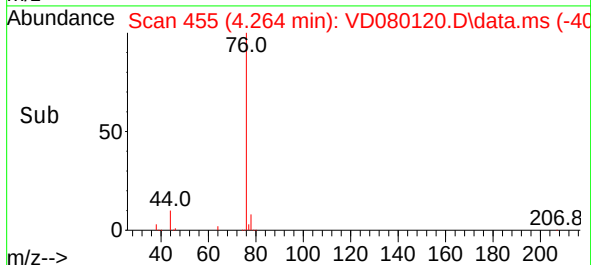
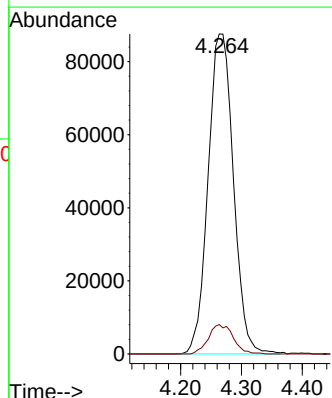
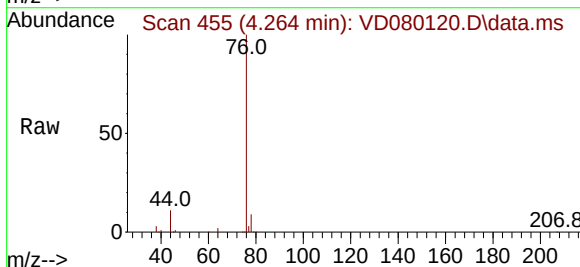
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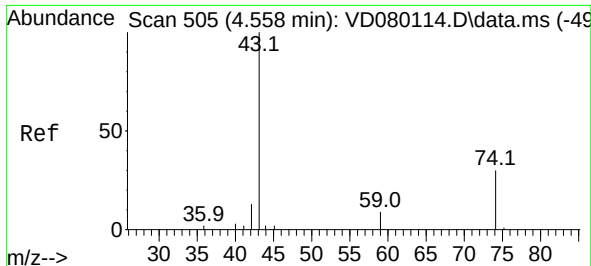
Tgt Ion: 76 Resp: 253053

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.2

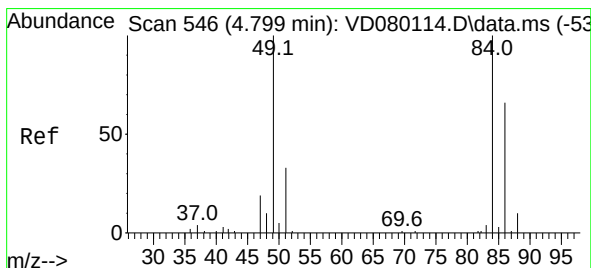
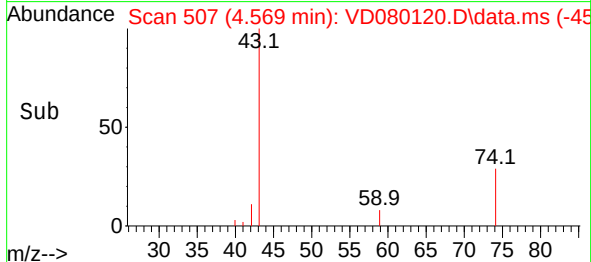
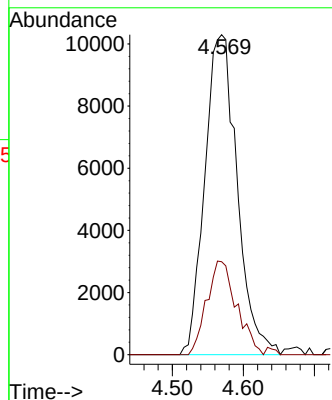
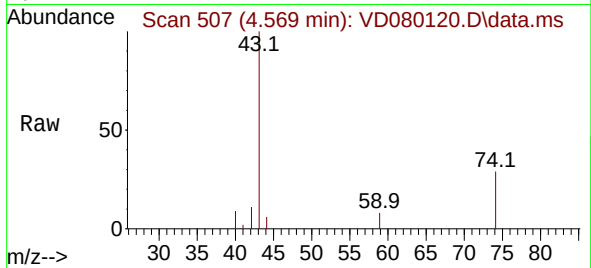




#15
Methyl Acetate
Concen: 19.394 ug/L
RT: 4.569 min Scan# 505
Delta R.T. 0.012 min
Lab File: VD080120.D
Acq: 09 Dec 2024 16:25

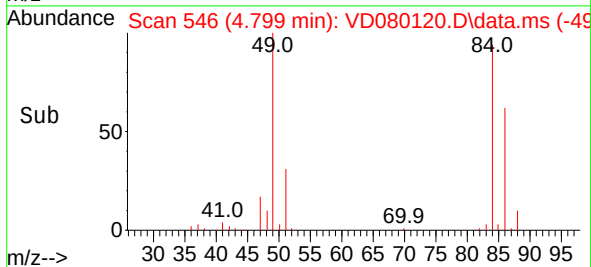
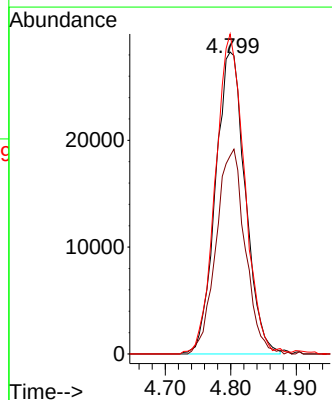
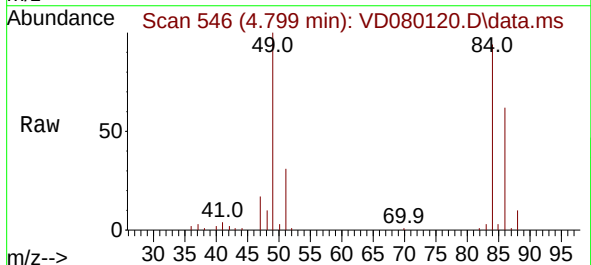
Instrument :
MSVOA_D
ClientSampleId :

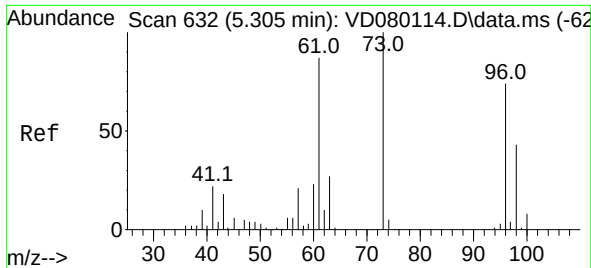
Tgt Ion: 43 Resp: 32600
Ion Ratio Lower Upper
43 100
74 26.9 0.2 0.2#



#16
Methylene chloride
Concen: 21.052 ug/L
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD080120.D
Acq: 09 Dec 2024 16:25

Tgt Ion: 84 Resp: 88923
Ion Ratio Lower Upper
84 100
86 65.6 45.4 84.4
49 106.0 77.3 143.7

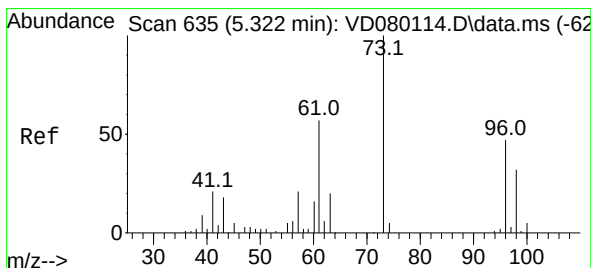
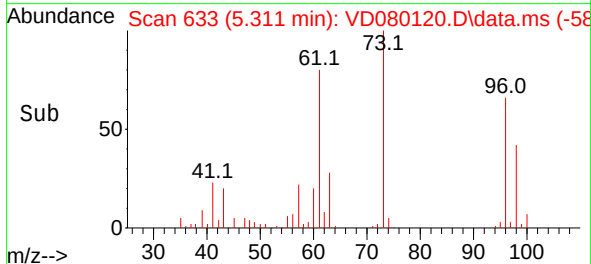
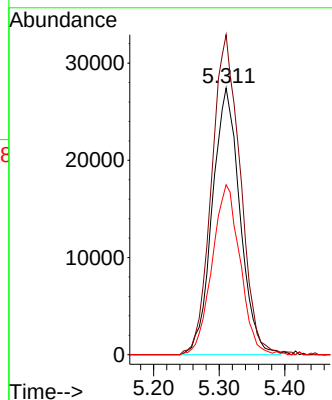
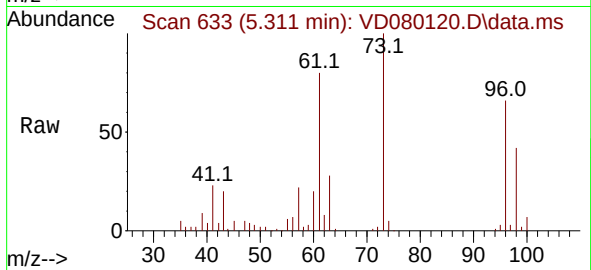




#17
trans-1,2-Dichloroethene
Concen: 19.924 ug/L
RT: 5.311 min Scan# 611
Delta R.T. 0.006 min
Lab File: VD080120.D
Acq: 09 Dec 2024 16:25

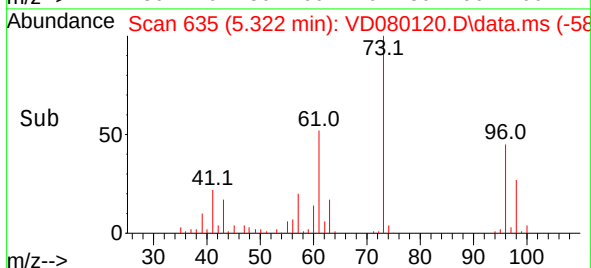
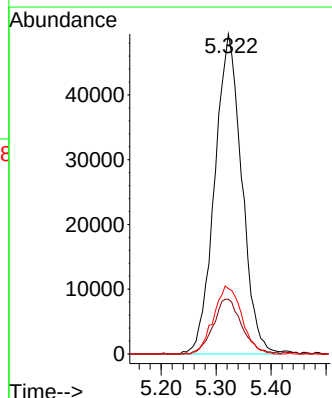
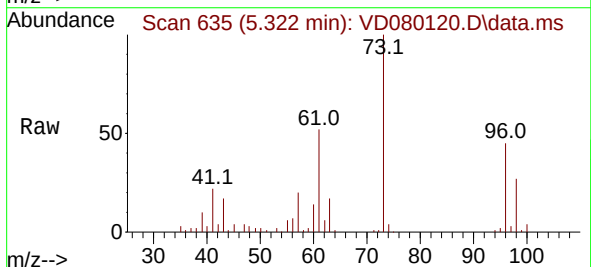
Instrument :
MSVOA_D
ClientSampleId :

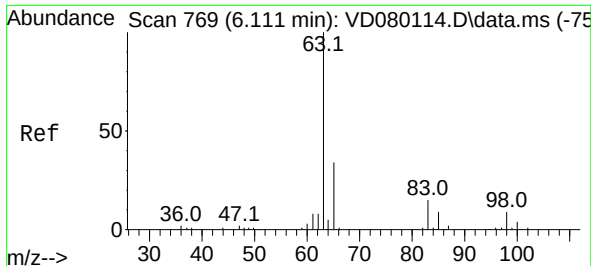
Tgt Ion: 96 Resp: 80354
Ion Ratio Lower Upper
96 100
61 120.0 91.1 169.3
98 63.7 41.6 77.2



#18
Methyl tert-butyl Ether
Concen: 21.058 ug/L
RT: 5.322 min Scan# 635
Delta R.T. -0.000 min
Lab File: VD080120.D
Acq: 09 Dec 2024 16:25

Tgt Ion: 73 Resp: 169299
Ion Ratio Lower Upper
73 100
43 18.1 16.1 24.1
57 21.9 18.5 27.7

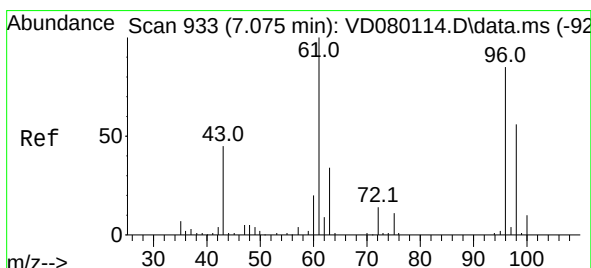
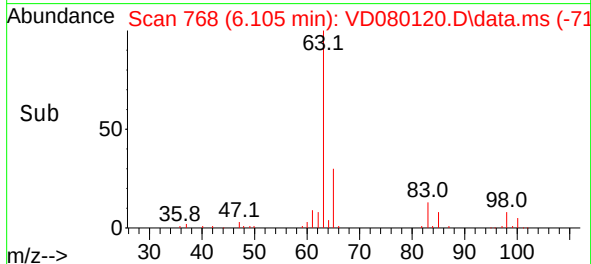
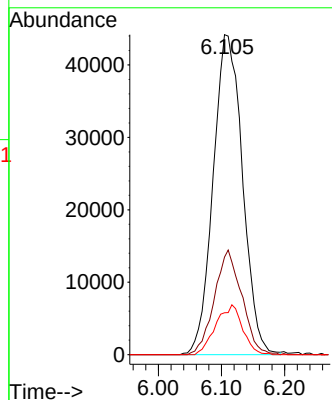
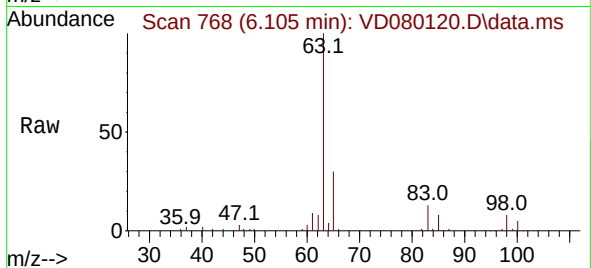




#19
1,1-Dichloroethane
Concen: 19.745 ug/L
RT: 6.105 min Scan# 768
Delta R.T. -0.006 min
Lab File: VD080120.D
Acq: 09 Dec 2024 16:25

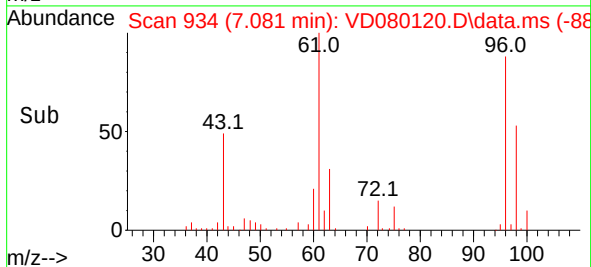
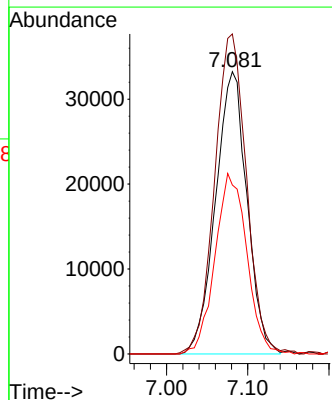
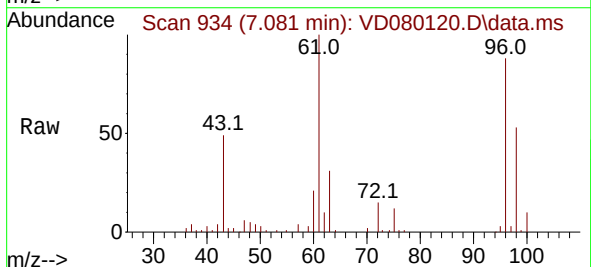
Instrument :
MSVOA_D
ClientSampleId :

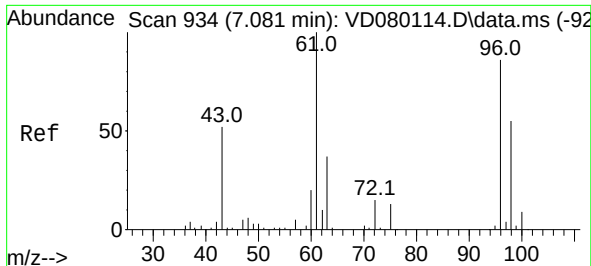
Tgt Ion: 63 Resp: 142666
Ion Ratio Lower Upper
63 100
65 30.5 21.9 40.7
83 13.1 9.0 16.6



#20
cis-1,2-Dichloroethene
Concen: 20.517 ug/L
RT: 7.081 min Scan# 934
Delta R.T. 0.006 min
Lab File: VD080120.D
Acq: 09 Dec 2024 16:25

Tgt Ion: 96 Resp: 89491
Ion Ratio Lower Upper
96 100
61 113.4 84.8 157.4
98 59.8 44.4 82.5

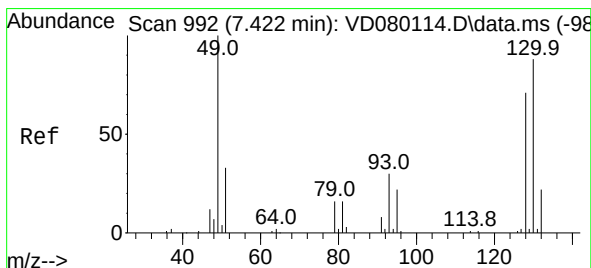
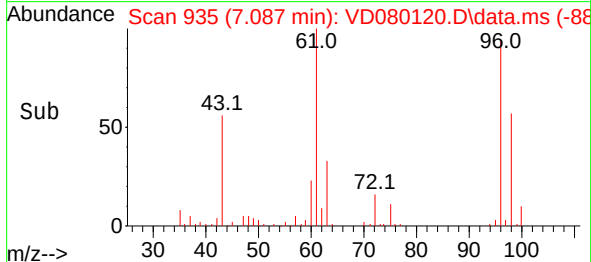
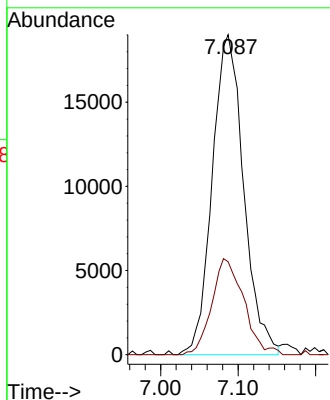
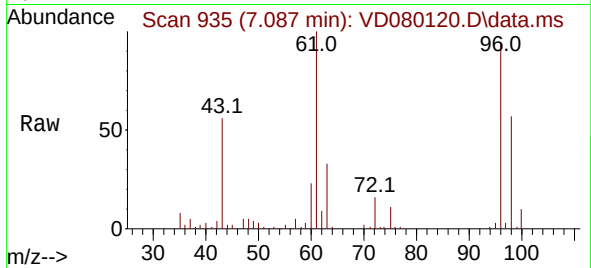




#22
2-Butanone
Concen: 37.691 ug/L
RT: 7.087 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD080120.D
Acq: 09 Dec 2024 16:25

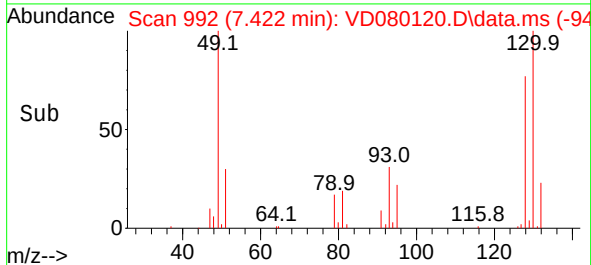
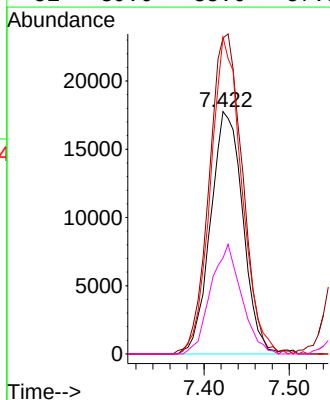
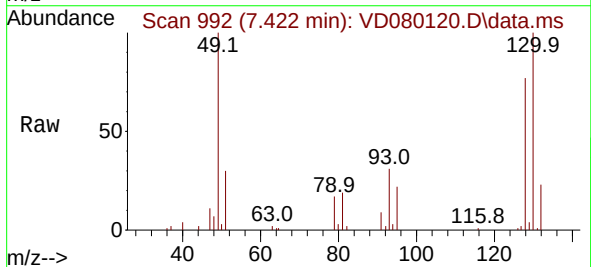
Instrument :
MSVOA_D
ClientSampleId :

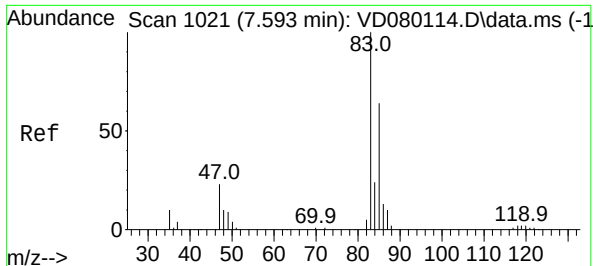
Tgt Ion: 43 Resp: 53581
Ion Ratio Lower Upper
43 100
72 29.8 14.3 42.9



#23
Bromochloromethane
Concen: 23.182 ug/L
RT: 7.422 min Scan# 992
Delta R.T. -0.000 min
Lab File: VD080120.D
Acq: 09 Dec 2024 16:25

Tgt Ion:128 Resp: 46731
Ion Ratio Lower Upper
128 100
49 130.3 103.2 191.6
130 130.6 90.6 168.2
51 39.6 38.6 57.8





#25

Chloroform

Concen: 21.377 ug/L

RT: 7.593 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD080120.D

Acq: 09 Dec 2024 16:25

Instrument :

MSVOA_D

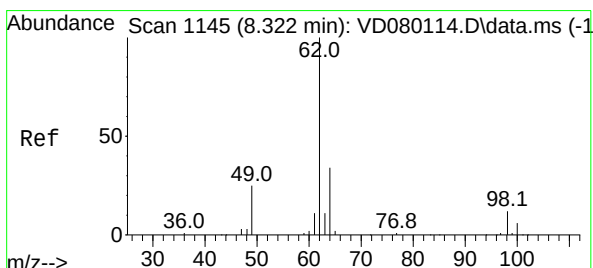
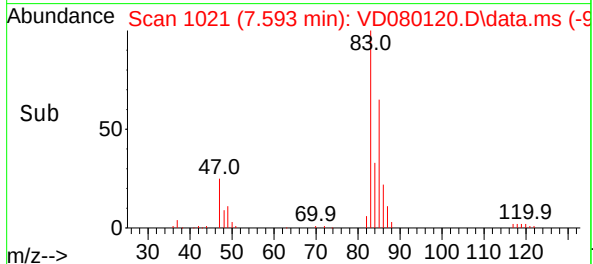
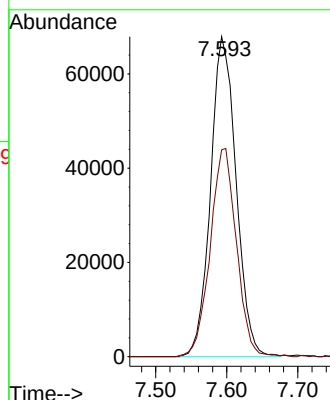
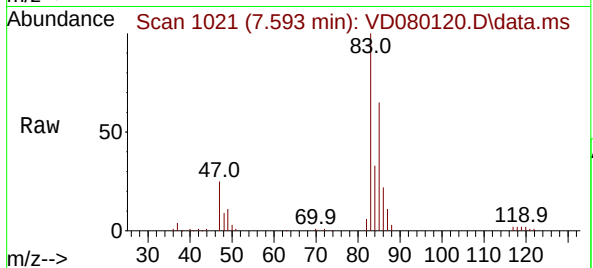
ClientSampleId :

Tgt Ion: 83 Resp: 169510

Ion Ratio Lower Upper

83 100

85 64.6 45.6 84.6



#27

1,2-Dichloroethane

Concen: 21.812 ug/L

RT: 8.322 min Scan# 1145

Delta R.T. -0.000 min

Lab File: VD080120.D

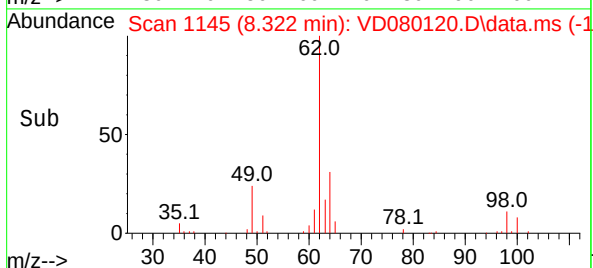
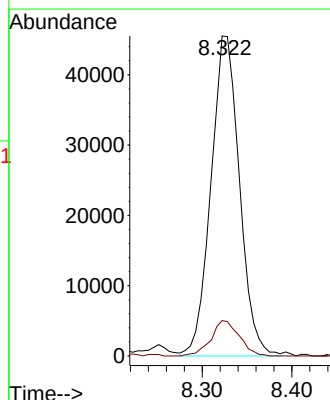
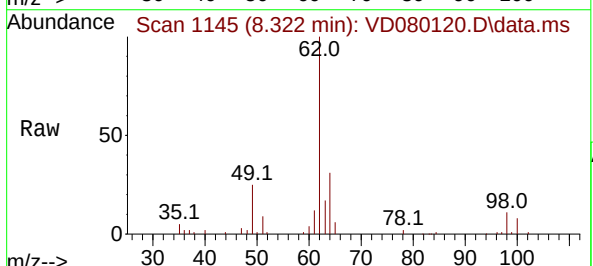
Acq: 09 Dec 2024 16:25

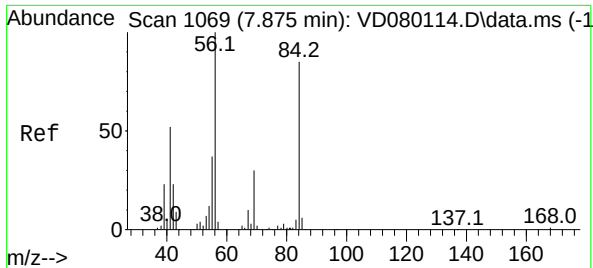
Tgt Ion: 62 Resp: 100560

Ion Ratio Lower Upper

62 100

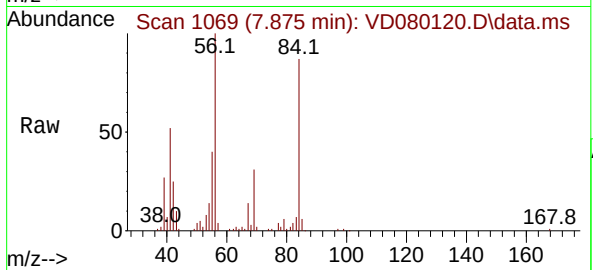
98 11.1 7.5 11.3





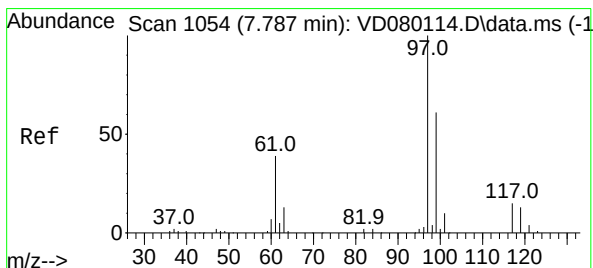
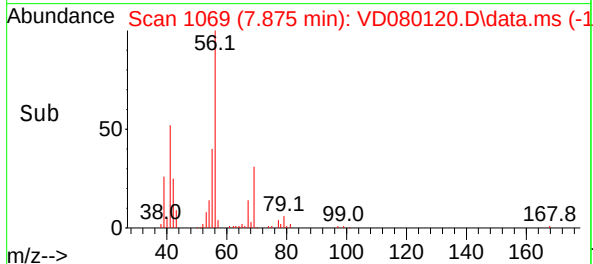
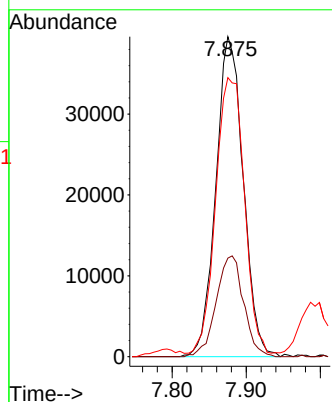
#29
Cyclohexane
Concen: 16.899 ug/L
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD080120.D
Acq: 09 Dec 2024 16:25

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 56 Resp: 101424

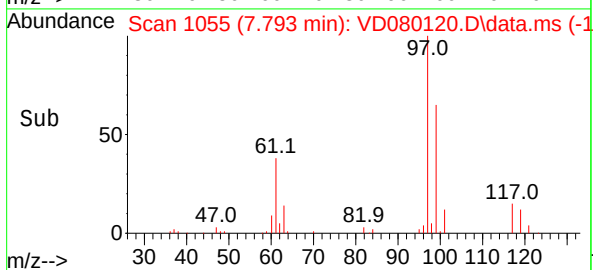
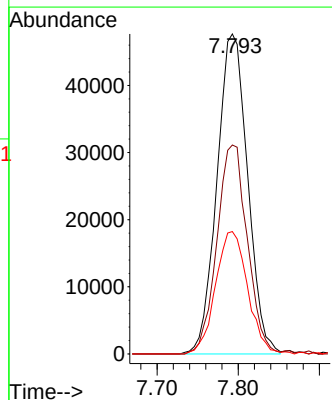
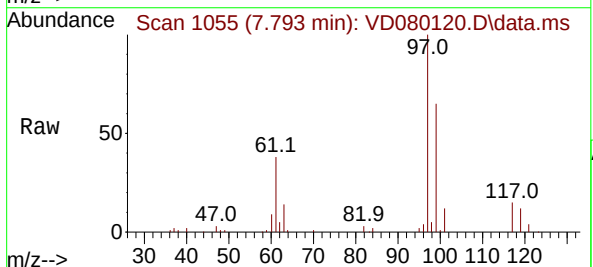
Ion	Ratio	Lower	Upper
56	100		
69	31.6	25.6	38.4
84	92.1	71.0	106.6

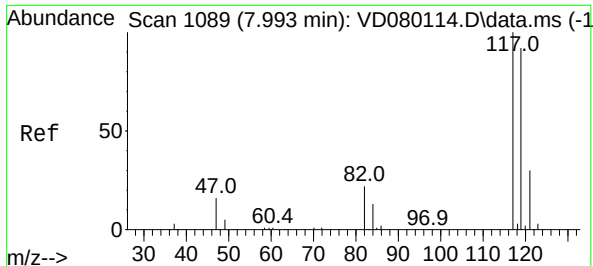


#30
1,1,1-Trichloroethane
Concen: 19.346 ug/L
RT: 7.793 min Scan# 1055
Delta R.T. 0.006 min
Lab File: VD080120.D
Acq: 09 Dec 2024 16:25

Tgt Ion: 97 Resp: 125207

Ion	Ratio	Lower	Upper
97	100		
99	64.7	51.5	77.3
61	39.9	34.3	51.5

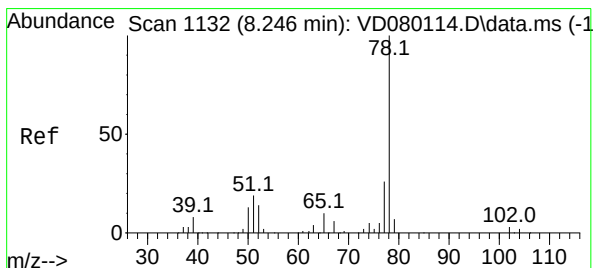
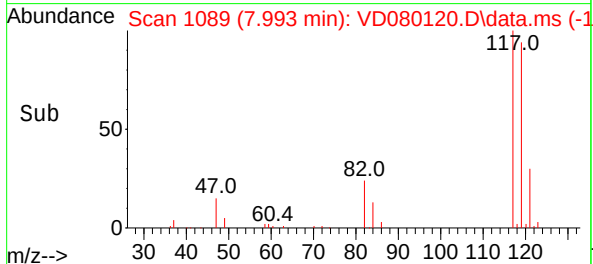
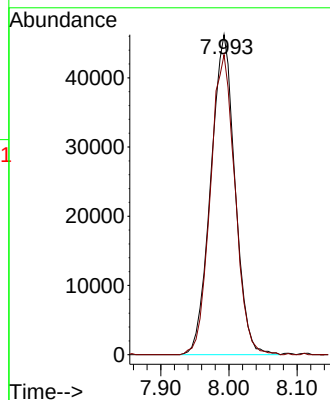
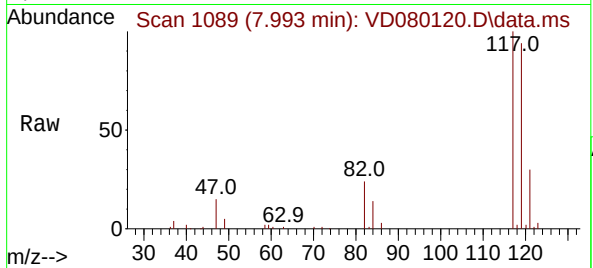




#31
Carbon tetrachloride
Concen: 19.878 ug/L
RT: 7.993 min Scan# 1108
Delta R.T. -0.000 min
Lab File: VD080120.D
Acq: 09 Dec 2024 16:25

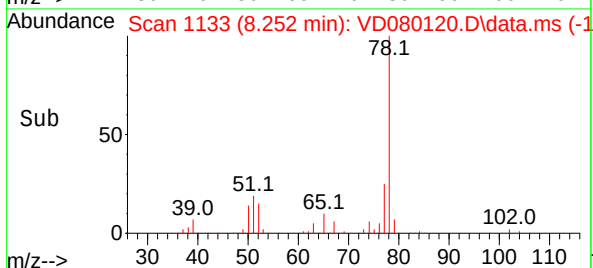
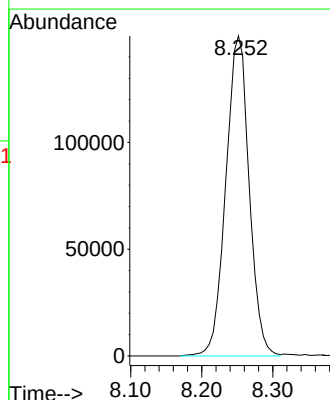
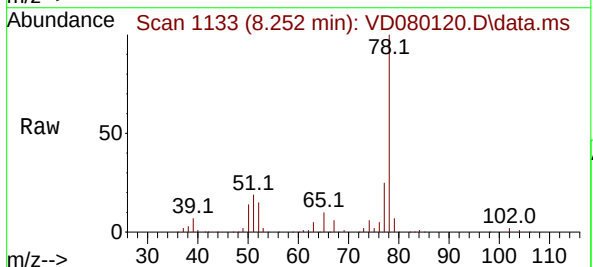
Instrument :
MSVOA_D
ClientSampleId :

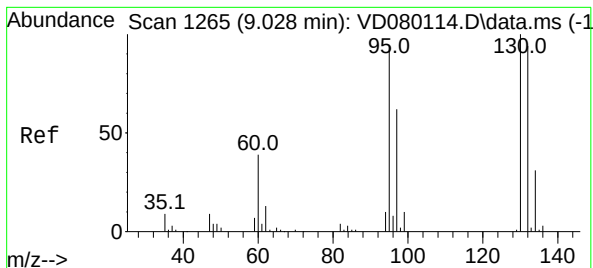
Tgt Ion:117 Resp: 114333
Ion Ratio Lower Upper
117 100
119 95.1 76.8 115.2



#33
Benzene
Concen: 19.974 ug/L
RT: 8.252 min Scan# 1133
Delta R.T. 0.006 min
Lab File: VD080120.D
Acq: 09 Dec 2024 16:25

Tgt Ion: 78 Resp: 342044





#34

Trichloroethene

Concen: 19.623 ug/L

RT: 9.028 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD080120.D

Acq: 09 Dec 2024 16:25

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 95 Resp: 87174

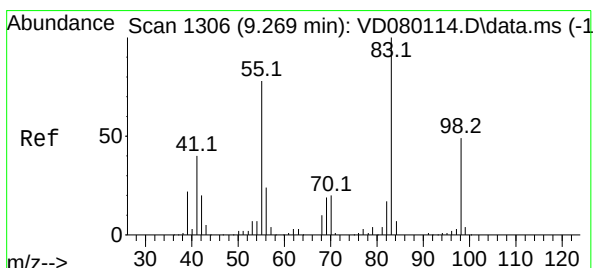
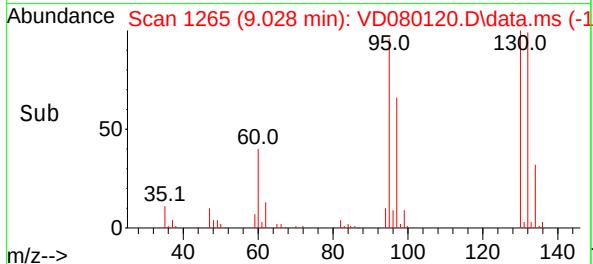
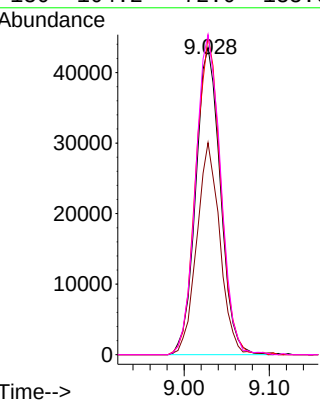
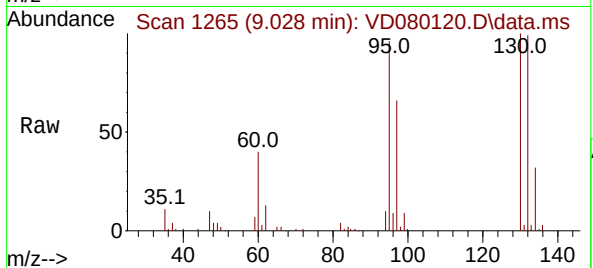
Ion Ratio Lower Upper

95 100

97 69.0 47.7 88.5

132 103.6 72.8 135.2

130 104.2 72.0 133.6



#35

Methylcyclohexane

Concen: 18.671 ug/L

RT: 9.275 min Scan# 1307

Delta R.T. 0.006 min

Lab File: VD080120.D

Acq: 09 Dec 2024 16:25

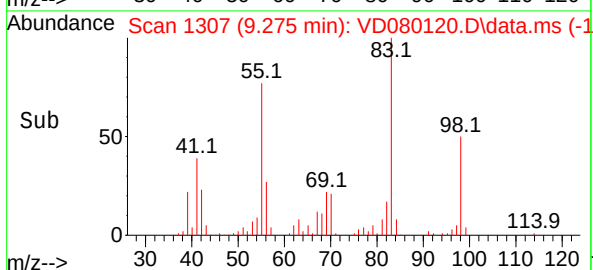
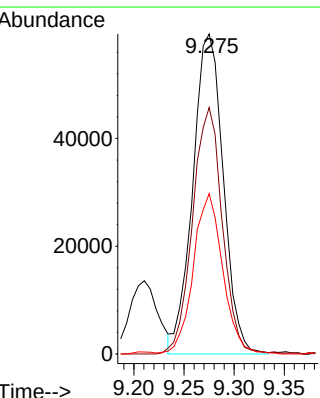
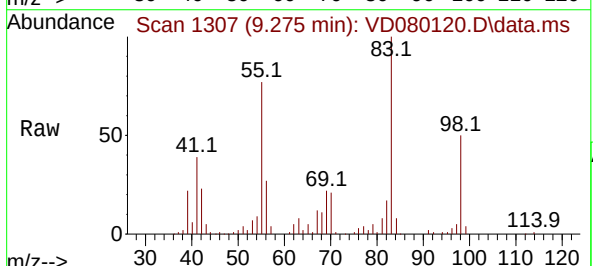
Tgt Ion: 83 Resp: 125499

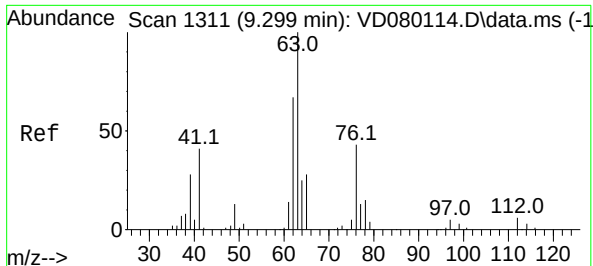
Ion Ratio Lower Upper

83 100

55 75.0 61.2 91.8

98 48.4 38.2 57.2

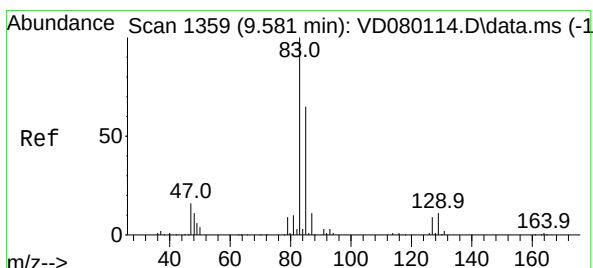
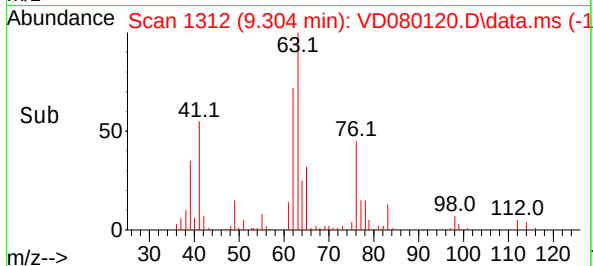
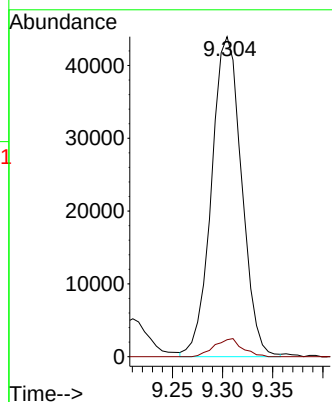
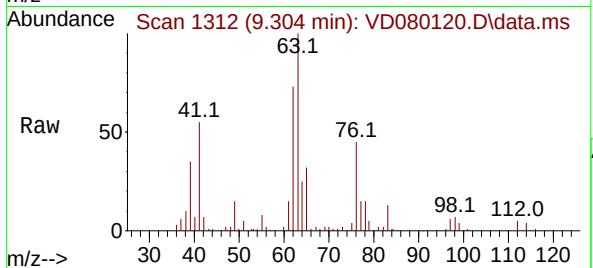




#37
1,2-Dichloropropane
Concen: 20.296 ug/L
RT: 9.304 min Scan# 1312
Delta R.T. 0.006 min
Lab File: VD080120.D
Acq: 09 Dec 2024 16:25

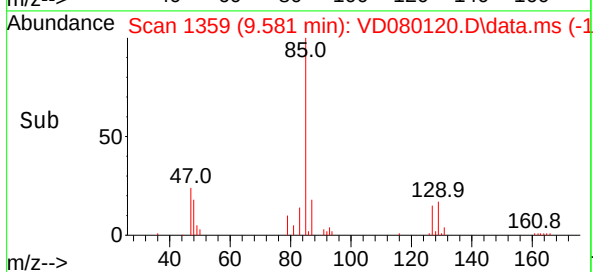
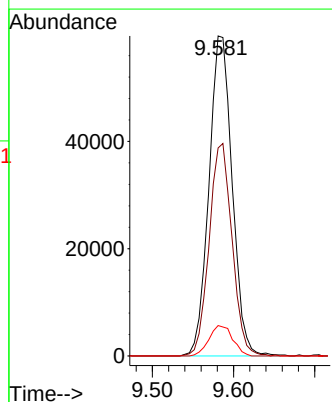
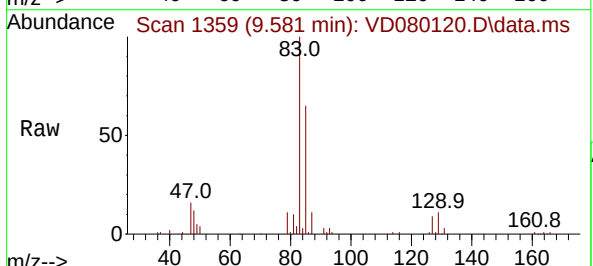
Instrument :
MSVOA_D
ClientSampleId :

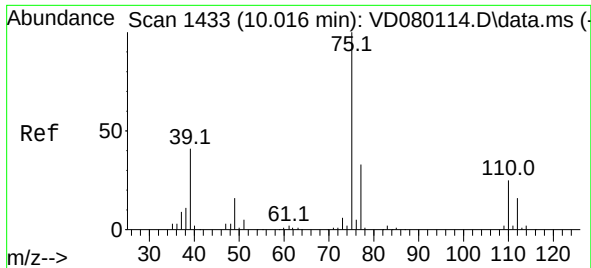
Tgt Ion: 63 Resp: 91796
Ion Ratio Lower Upper
63 100
112 5.2 3.8 5.6



#38
Bromodichloromethane
Concen: 21.087 ug/L
RT: 9.581 min Scan# 1359
Delta R.T. -0.000 min
Lab File: VD080120.D
Acq: 09 Dec 2024 16:25

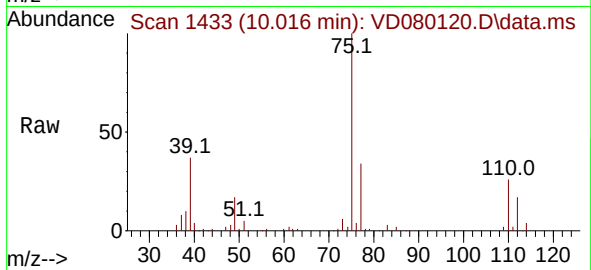
Tgt Ion: 83 Resp: 118641
Ion Ratio Lower Upper
83 100
85 65.0 46.0 85.4
127 9.5 6.7 10.1



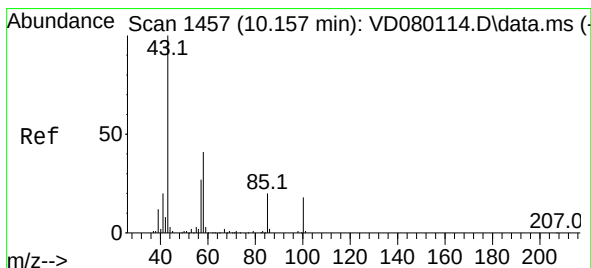
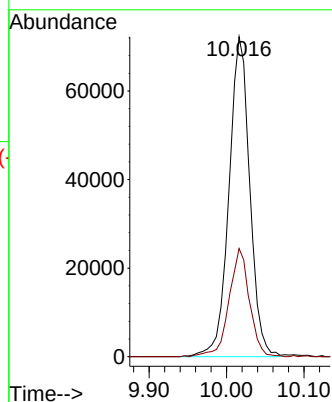
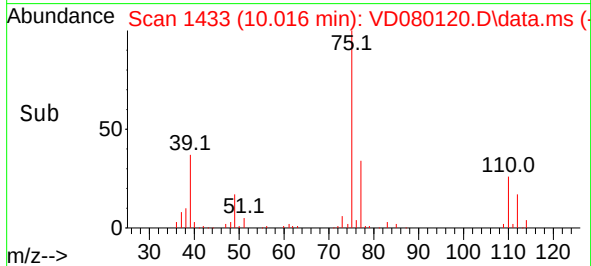


#39
cis-1,3-Dichloropropene
Concen: 19.807 ug/L
RT: 10.016 min Scan# 1433
Delta R.T. -0.000 min
Lab File: VD080120.D
Acq: 09 Dec 2024 16:25

Instrument :
MSVOA_D
ClientSampleId :

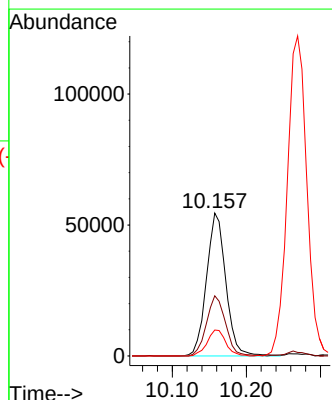
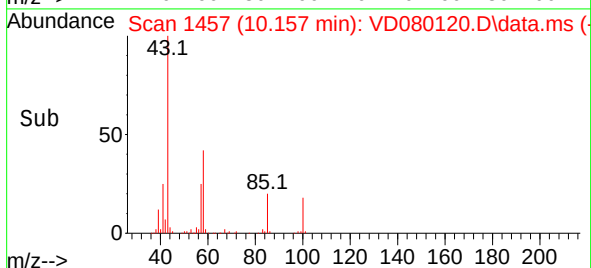
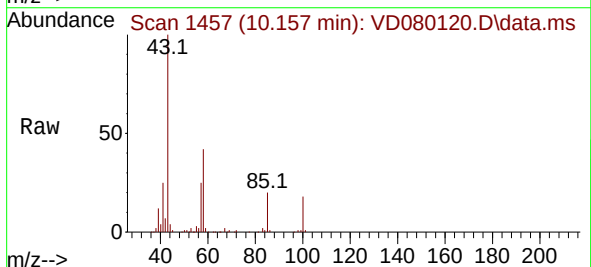


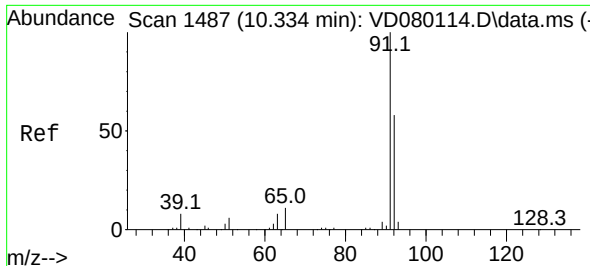
Tgt Ion: 75 Resp: 135063
Ion Ratio Lower Upper
75 100
77 33.8 22.5 41.9



#40
4-Methyl-2-pentanone
Concen: 42.768 ug/L
RT: 10.157 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VD080120.D
Acq: 09 Dec 2024 16:25

Tgt Ion: 43 Resp: 98960
Ion Ratio Lower Upper
43 100
58 41.3 31.5 47.3
100 17.5 12.7 19.1





#42

Toluene

Concen: 21.603 ug/L

RT: 10.334 min Scan# 1487

Delta R.T. -0.000 min

Lab File: VD080120.D

Acq: 09 Dec 2024 16:25

Instrument :

MSVOA_D

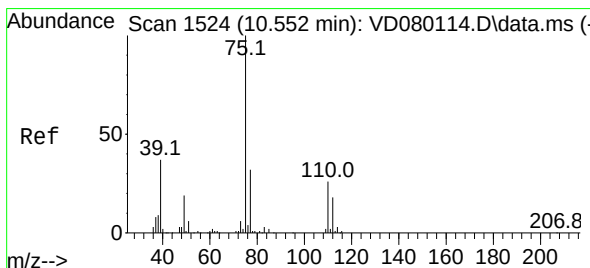
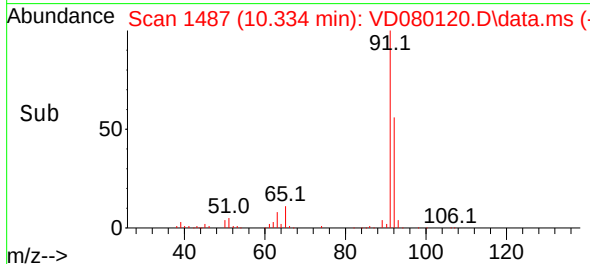
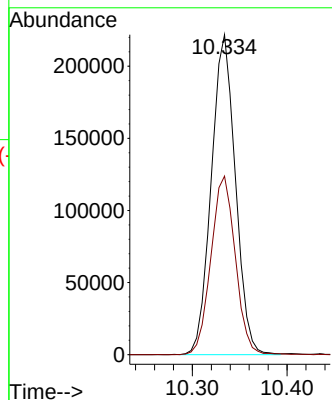
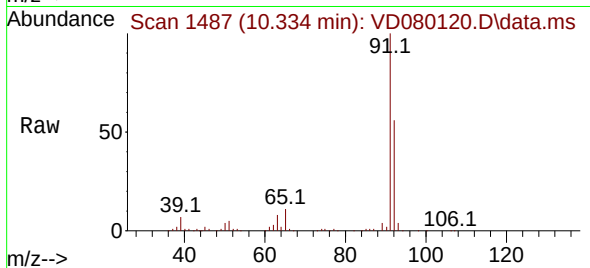
ClientSampleId :

Tgt Ion: 91 Resp: 392559

Ion Ratio Lower Upper

91 100

92 55.8 39.4 73.2



#44

trans-1,3-Dichloropropene

Concen: 21.715 ug/L

RT: 10.551 min Scan# 1524

Delta R.T. -0.000 min

Lab File: VD080120.D

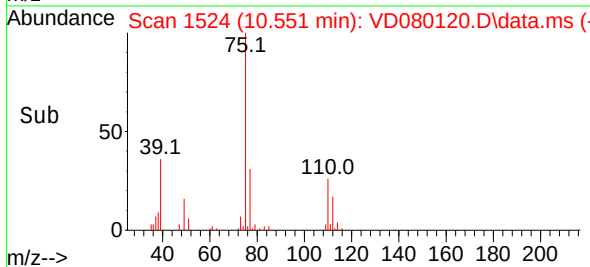
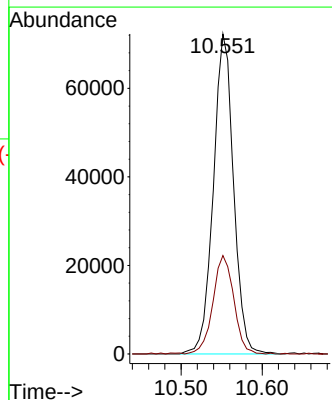
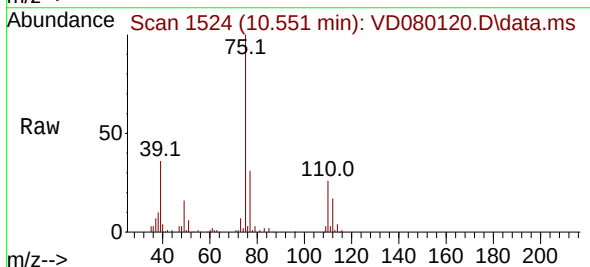
Acq: 09 Dec 2024 16:25

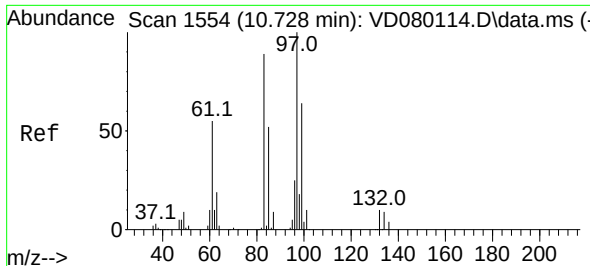
Tgt Ion: 75 Resp: 125067

Ion Ratio Lower Upper

75 100

77 30.8 21.0 39.0

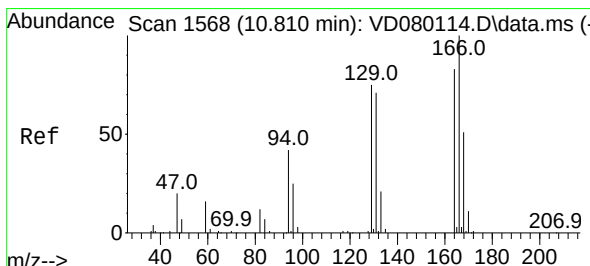
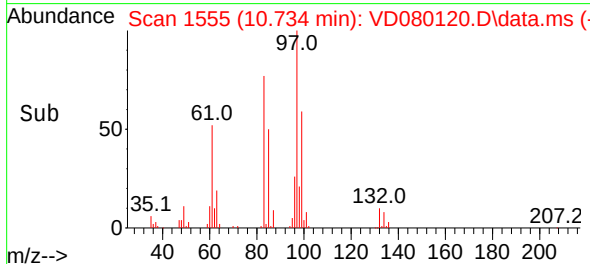
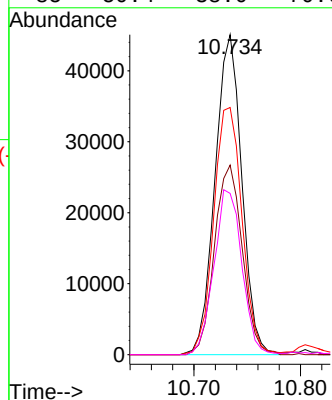
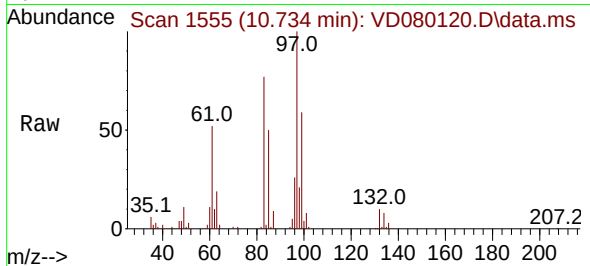




#45
1,1,2-Trichloroethane
Concen: 23.353 ug/L
RT: 10.734 min Scan# 1555
Delta R.T. 0.006 min
Lab File: VD080120.D
Acq: 09 Dec 2024 16:25

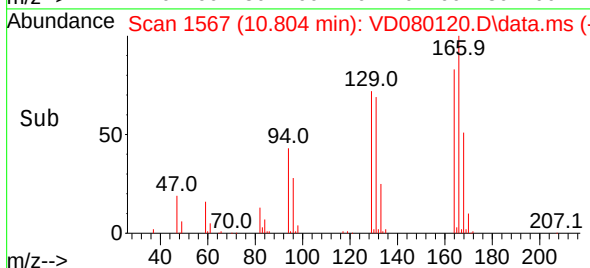
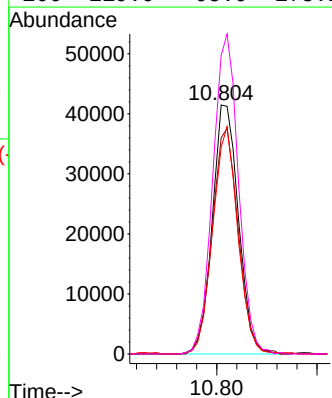
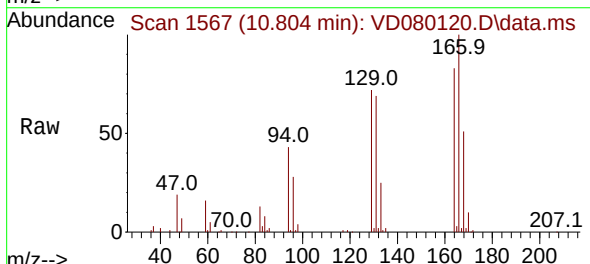
Instrument :
MSVOA_D
ClientSampleId :

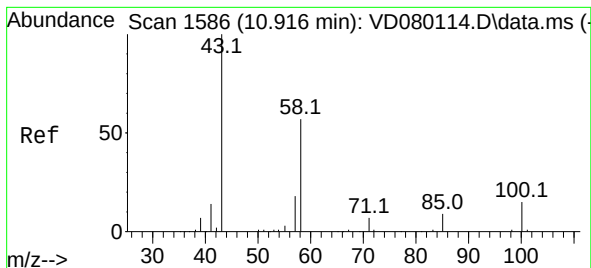
Tgt Ion	97	Resp: Lower	78784 Upper
	97	100	
	99	59.3	45.2 84.0
	83	77.3	61.5 114.3
	85	50.4	38.0 70.6



#46
Tetrachloroethene
Concen: 20.803 ug/L
RT: 10.804 min Scan# 1567
Delta R.T. -0.006 min
Lab File: VD080120.D
Acq: 09 Dec 2024 16:25

Tgt	Ion:164	Resp:	74996
Ion	Ratio	Lower	Upper
164	100		
129	86.7	69.1	128.3
131	83.0	65.4	121.4
166	119.9	95.9	178.1





#48

2-Hexanone

Concen: 40.786 ug/L

RT: 10.922 min Scan# 1586

Delta R.T. 0.006 min

Lab File: VD080120.D

Acq: 09 Dec 2024 16:25

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 43 Resp: 84504

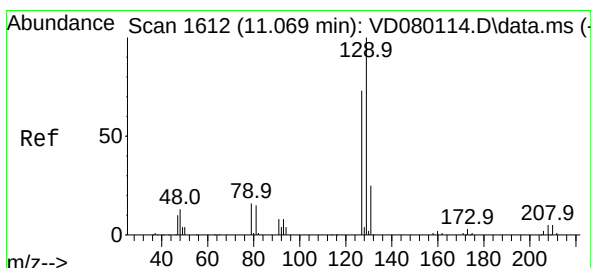
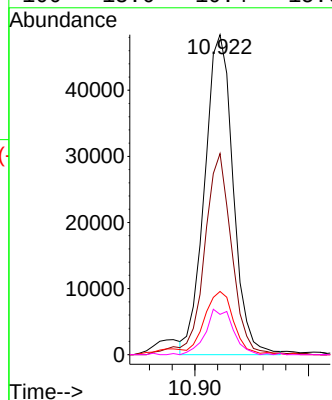
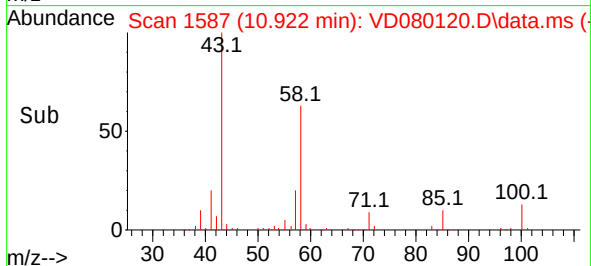
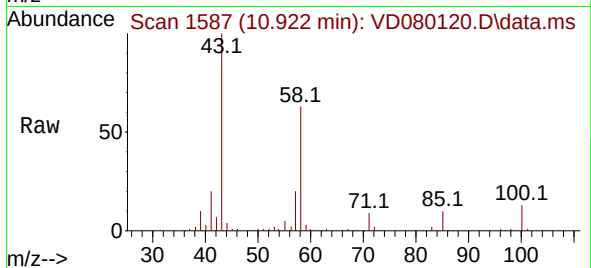
Ion Ratio Lower Upper

43 100

58 60.3 45.9 68.9

57 19.9 15.2 22.8

100 13.6 10.4 15.6



#49

Dibromochloromethane

Concen: 23.170 ug/L

RT: 11.075 min Scan# 1613

Delta R.T. 0.006 min

Lab File: VD080120.D

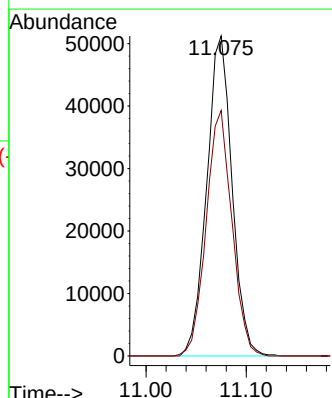
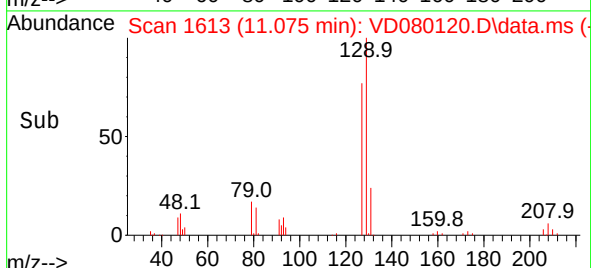
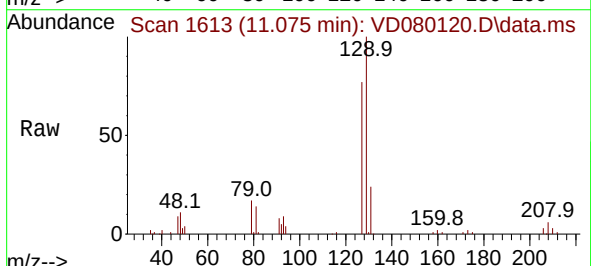
Acq: 09 Dec 2024 16:25

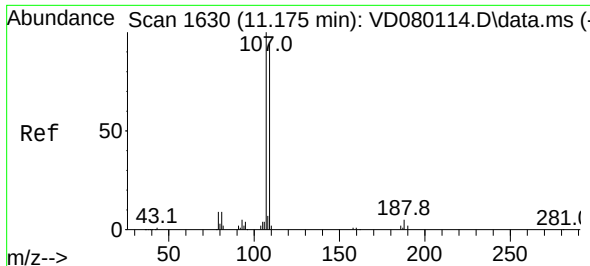
Tgt Ion: 129 Resp: 90048

Ion Ratio Lower Upper

129 100

127 76.7 54.9 102.1





#50

1,2-Dibromoethane

Concen: 23.134 ug/L

RT: 11.175 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD080120.D

Acq: 09 Dec 2024 16:25

Instrument :

MSVOA_D

ClientSampleId :

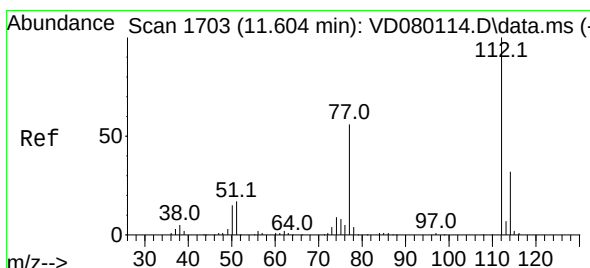
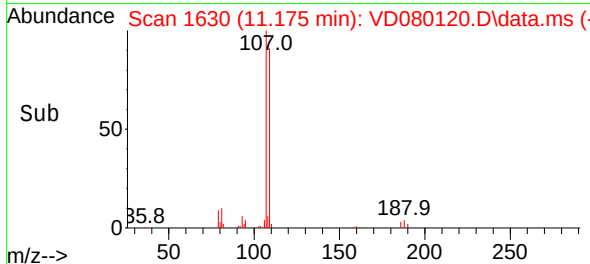
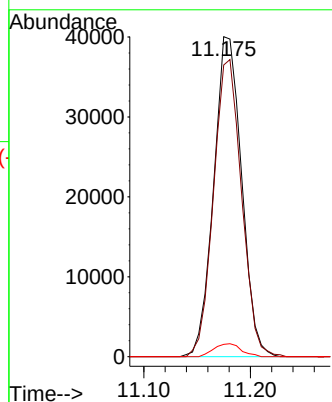
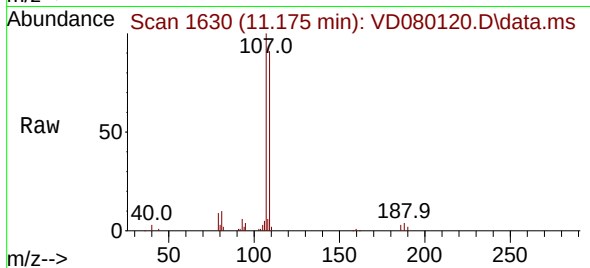
Tgt Ion:107 Resp: 72906

Ion Ratio Lower Upper

107 100

109 91.1 66.6 123.8

188 3.8 2.8 4.2



#51

Chlorobenzene

Concen: 21.486 ug/L

RT: 11.604 min Scan# 1703

Delta R.T. -0.000 min

Lab File: VD080120.D

Acq: 09 Dec 2024 16:25

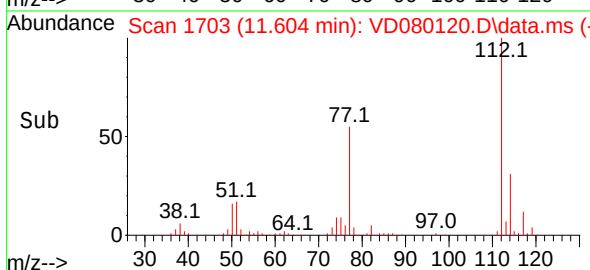
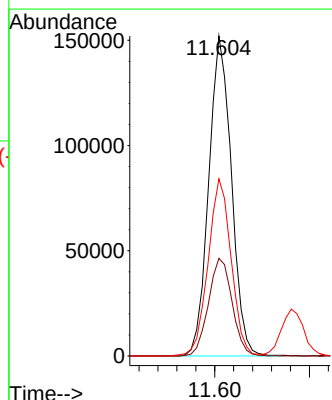
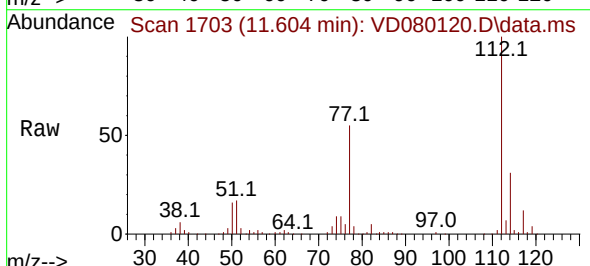
Tgt Ion:112 Resp: 253103

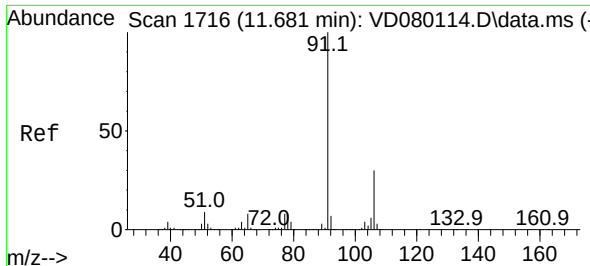
Ion Ratio Lower Upper

112 100

114 30.5 21.8 40.4

77 55.4 49.1 73.7





#52

Ethylbenzene

Concen: 20.683 ug/L

RT: 11.681 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VD080120.D

Acq: 09 Dec 2024 16:25

Instrument :

MSVOA_D

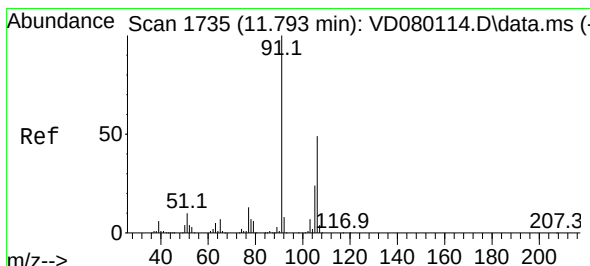
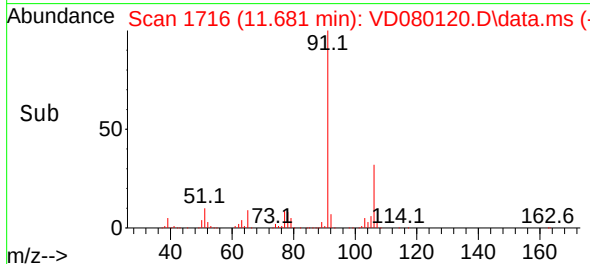
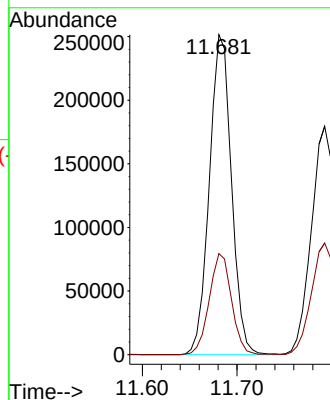
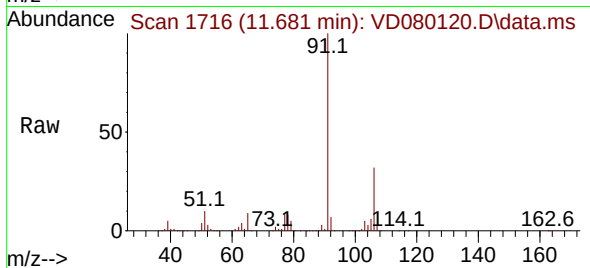
ClientSampleId :

Tgt Ion: 91 Resp: 408498

Ion Ratio Lower Upper

91 100

106 31.6 21.2 39.4



#53

m,p-Xylene

Concen: 21.548 ug/L

RT: 11.793 min Scan# 1735

Delta R.T. -0.000 min

Lab File: VD080120.D

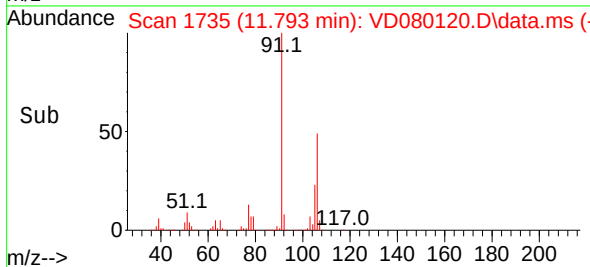
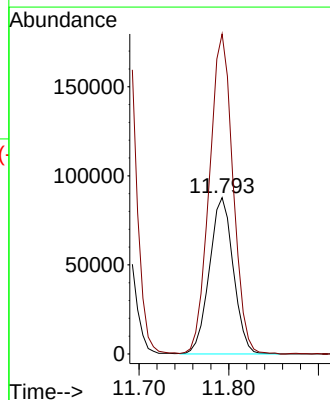
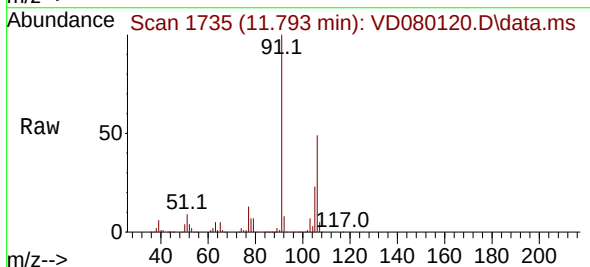
Acq: 09 Dec 2024 16:25

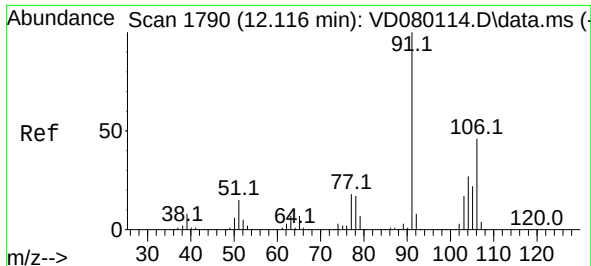
Tgt Ion:106 Resp: 162479

Ion Ratio Lower Upper

106 100

91 204.7 149.3 277.3





#54

o-Xylene

Concen: 21.294 ug/L

RT: 12.122 min Scan# 1791

Delta R.T. 0.006 min

Lab File: VD080120.D

Acq: 09 Dec 2024 16:25

Instrument :

MSVOA_D

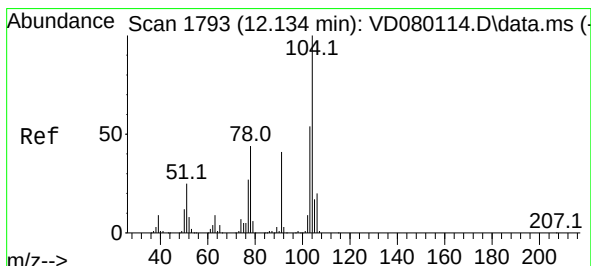
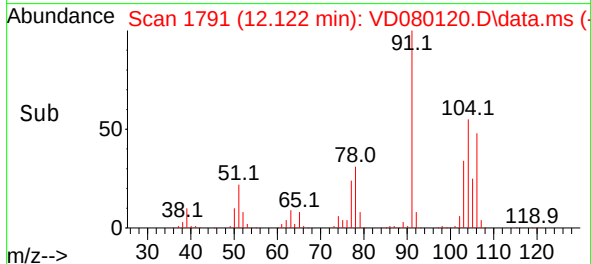
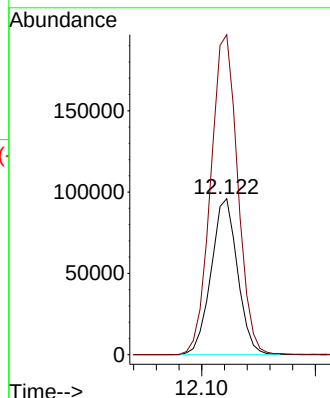
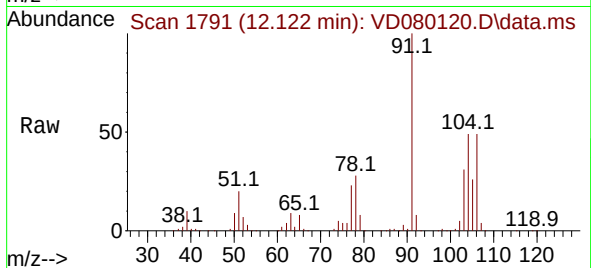
ClientSampleId :

Tgt Ion:106 Resp: 154694

Ion Ratio Lower Upper

106 100

91 205.2 148.0 274.8



#55

Styrene

Concen: 22.755 ug/L

RT: 12.134 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VD080120.D

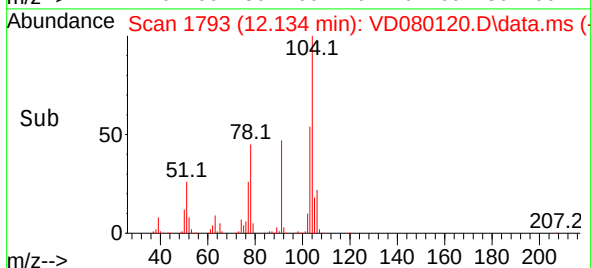
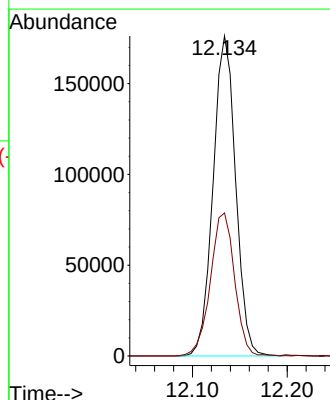
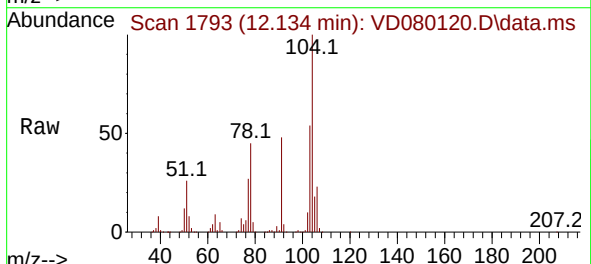
Acq: 09 Dec 2024 16:25

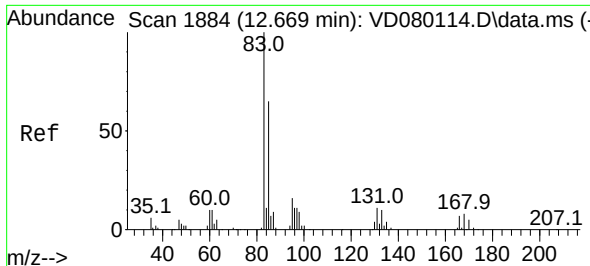
Tgt Ion:104 Resp: 291859

Ion Ratio Lower Upper

104 100

78 44.7 31.6 58.6





#57

1,1,2,2-Tetrachloroethane

Concen: 23.962 ug/L

RT: 12.669 min Scan# 1884

Delta R.T. -0.000 min

Lab File: VD080120.D

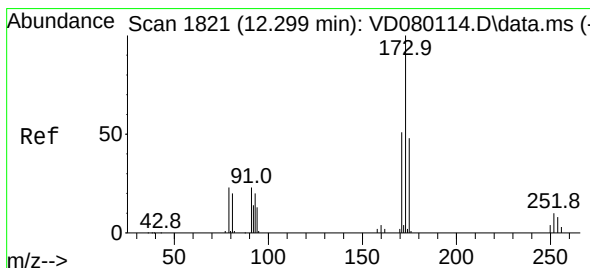
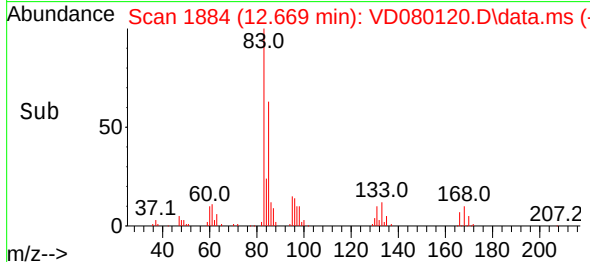
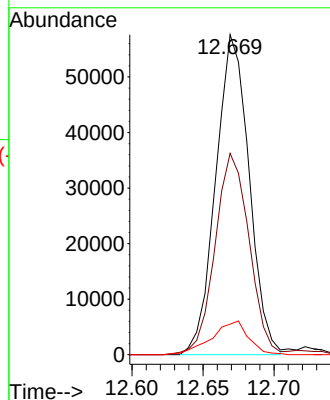
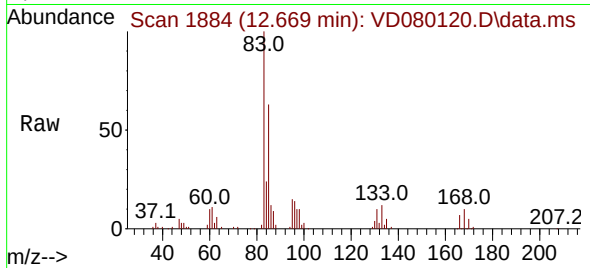
Acq: 09 Dec 2024 16:25

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	83	Resp:	94130
Ion Ratio	Lower	Upper	
83	100		
85	62.9	44.4	82.4
131	9.6	8.6	13.0



#59

Bromoform

Concen: 22.287 ug/L

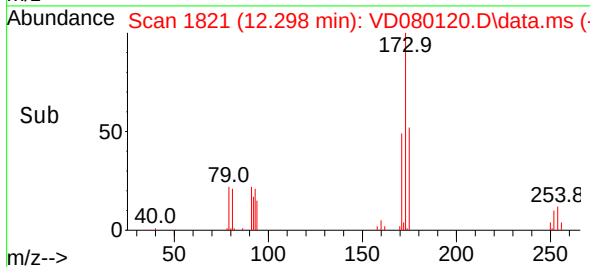
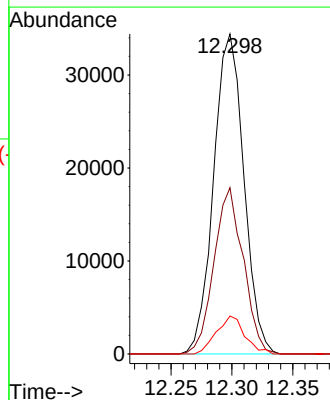
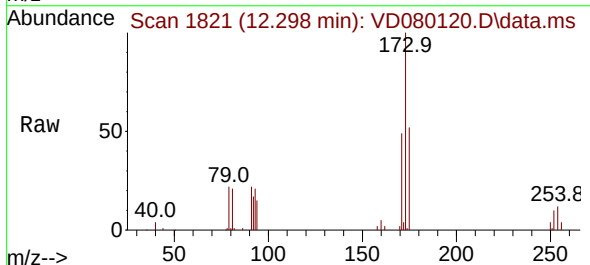
RT: 12.298 min Scan# 1821

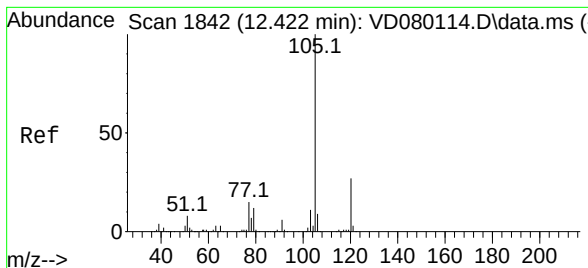
Delta R.T. -0.000 min

Lab File: VD080120.D

Acq: 09 Dec 2024 16:25

Tgt Ion:	173	Resp:	59497
Ion Ratio	Lower	Upper	
173	100		
175	50.2	39.0	58.6
254	11.1	8.3	12.5





#60

Isopropylbenzene

Concen: 19.099 ug/L

RT: 12.422 min Scan# 1842

Delta R.T. -0.000 min

Lab File: VD080120.D

Acq: 09 Dec 2024 16:25

Instrument :

MSVOA_D

ClientSampleId :

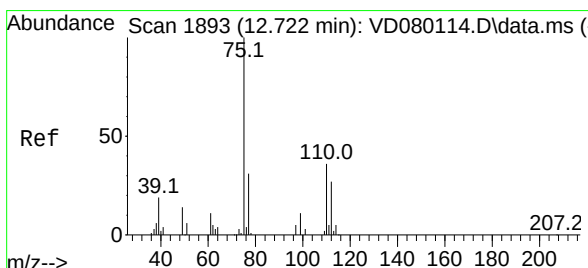
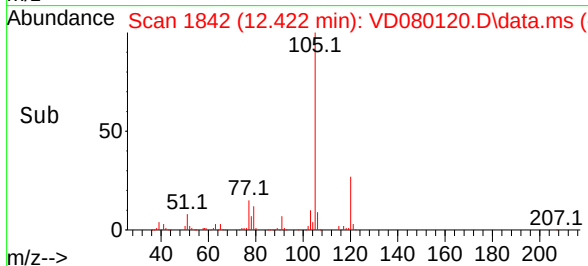
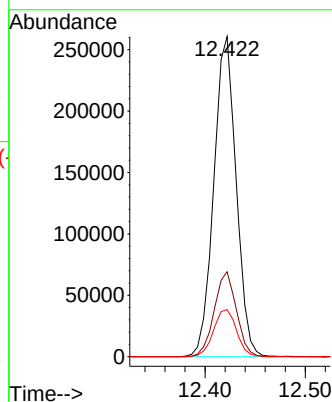
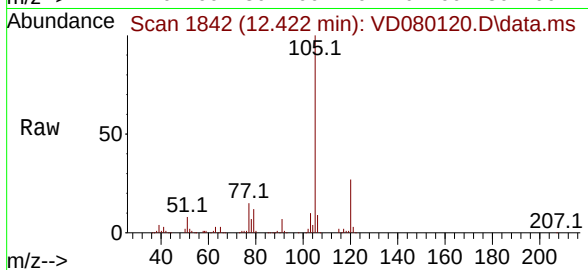
Tgt Ion:105 Resp: 403556

Ion Ratio Lower Upper

105 100

120 26.3 21.3 31.9

77 15.2 12.6 18.8



#61

1,2,3-Trichloropropane

Concen: 20.809 ug/L

RT: 12.722 min Scan# 1893

Delta R.T. -0.000 min

Lab File: VD080120.D

Acq: 09 Dec 2024 16:25

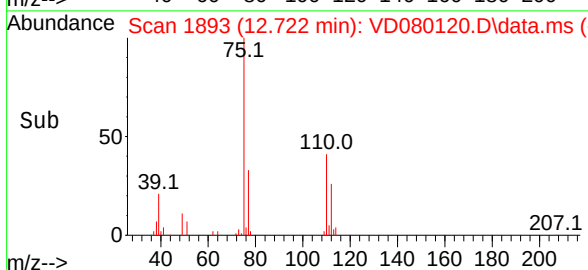
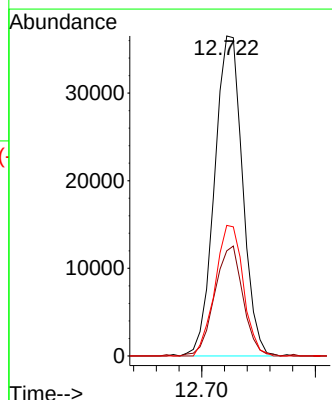
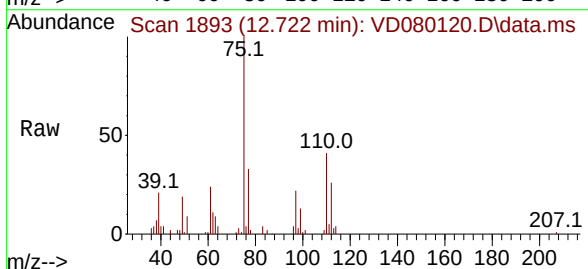
Tgt Ion: 75 Resp: 62617

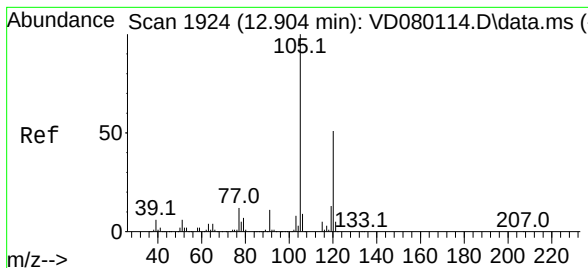
Ion Ratio Lower Upper

75 100

77 34.7 26.3 39.5

110 41.0 30.2 45.2

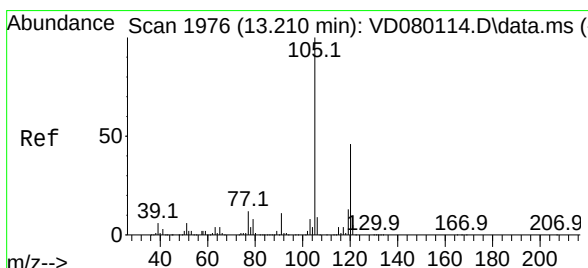
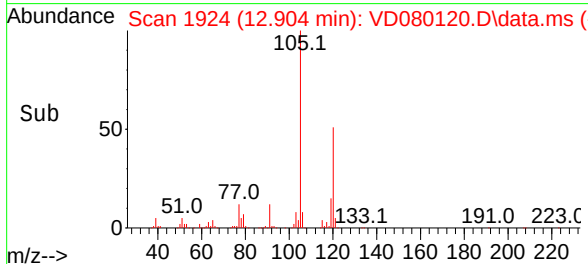
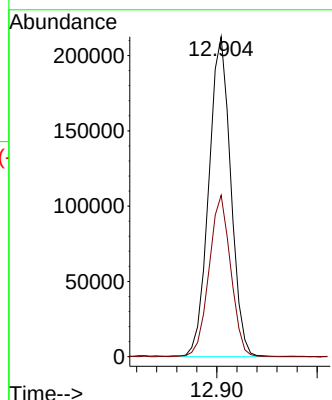
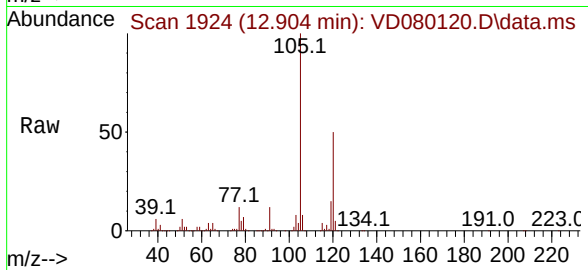




#62
1,3,5-Trimethylbenzene
Concen: 19.353 ug/L
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD080120.D
Acq: 09 Dec 2024 16:25

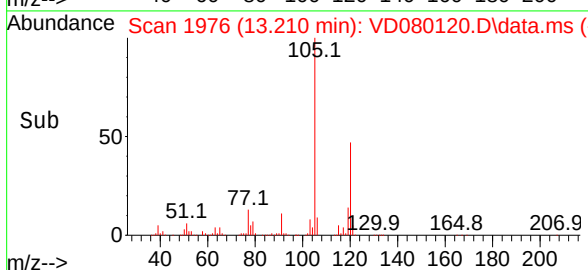
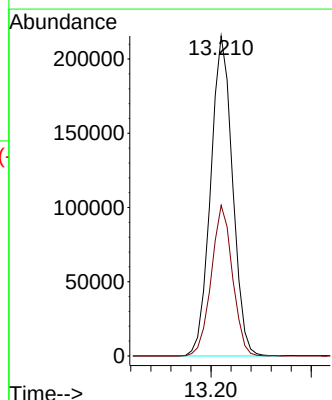
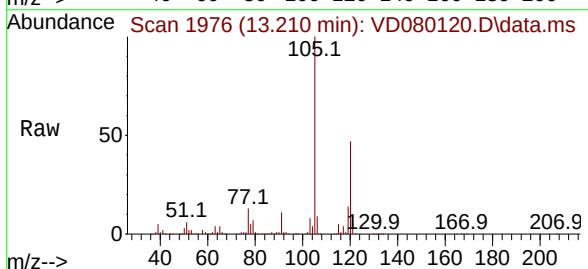
Instrument :
MSVOA_D
ClientSampleId :

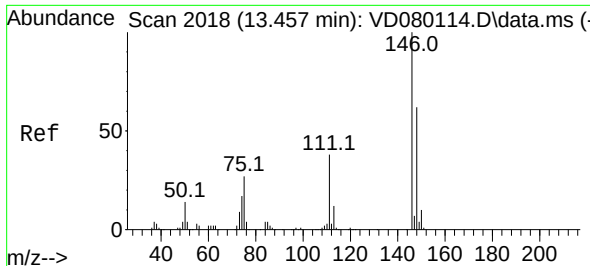
Tgt Ion:105 Resp: 323678
Ion Ratio Lower Upper
105 100
120 49.7 38.8 58.2



#63
1,2,4-Trimethylbenzene
Concen: 19.800 ug/L
RT: 13.210 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VD080120.D
Acq: 09 Dec 2024 16:25

Tgt Ion:105 Resp: 326930
Ion Ratio Lower Upper
105 100
120 45.5 36.8 55.2

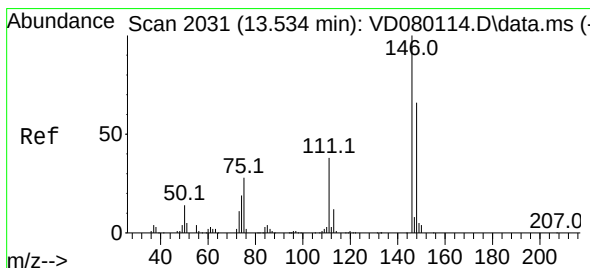
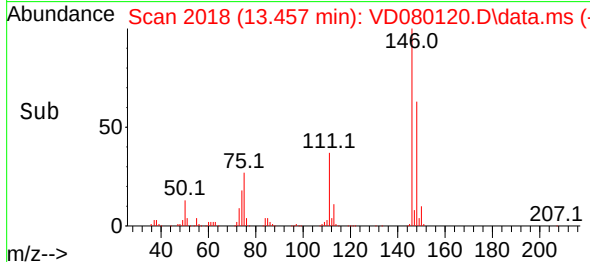
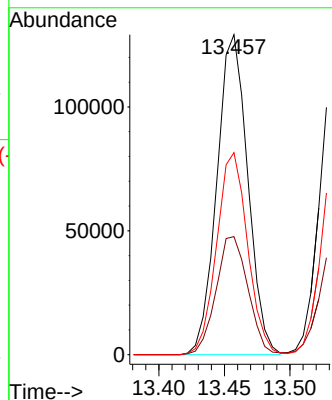
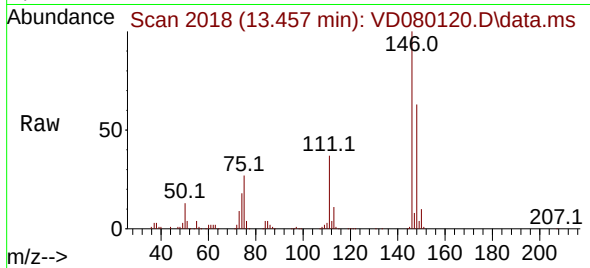




#64
1,3-Dichlorobenzene
Concen: 20.901 ug/L
RT: 13.457 min Scan# 2018
Delta R.T. -0.000 min
Lab File: VD080120.D
Acq: 09 Dec 2024 16:25

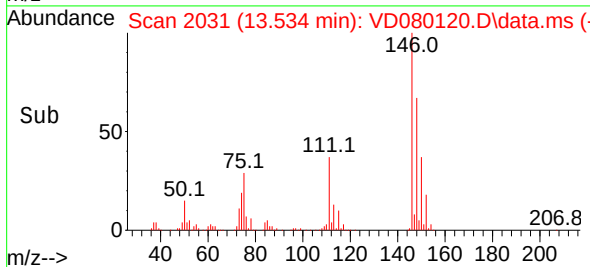
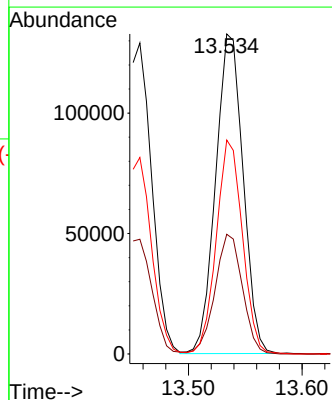
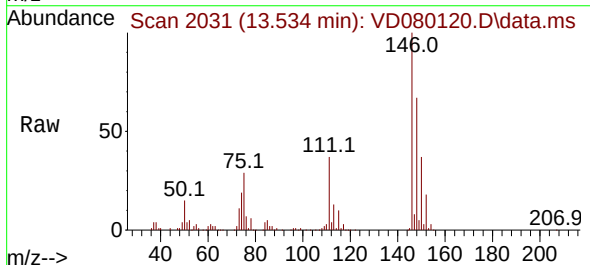
Instrument :
MSVOA_D
ClientSampleId :

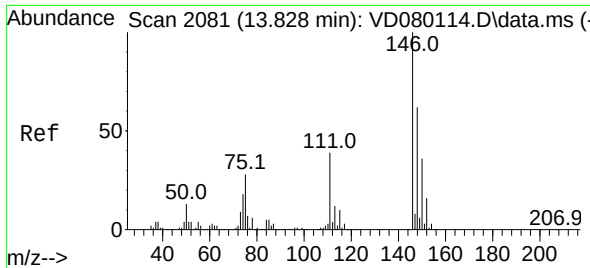
Tgt Ion:146 Resp: 211540
Ion Ratio Lower Upper
146 100
111 36.9 28.2 52.4
148 63.2 44.4 82.4



#65
1,4-Dichlorobenzene
Concen: 21.450 ug/L
RT: 13.534 min Scan# 2031
Delta R.T. -0.000 min
Lab File: VD080120.D
Acq: 09 Dec 2024 16:25

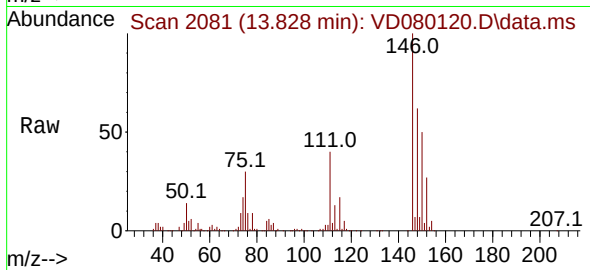
Tgt Ion:146 Resp: 222884
Ion Ratio Lower Upper
146 100
111 37.4 26.2 48.8
148 66.8 46.1 85.5



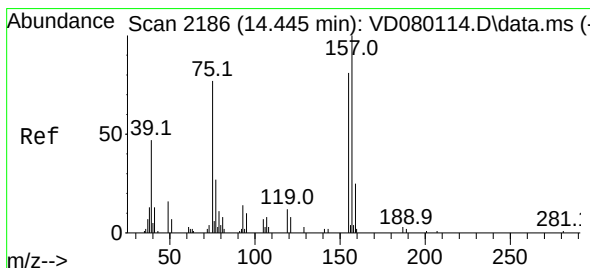
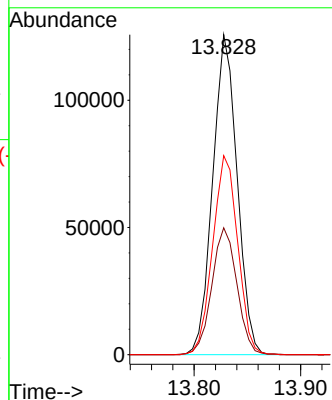
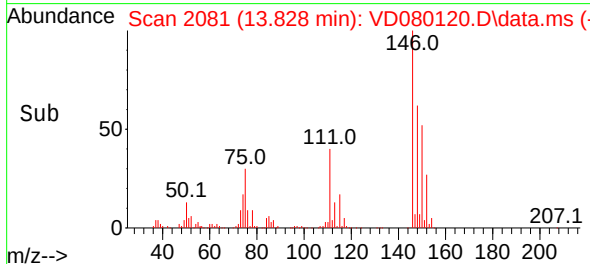


#67
1,2-Dichlorobenzene
Concen: 21.724 ug/L
RT: 13.828 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VD080120.D
Acq: 09 Dec 2024 16:25

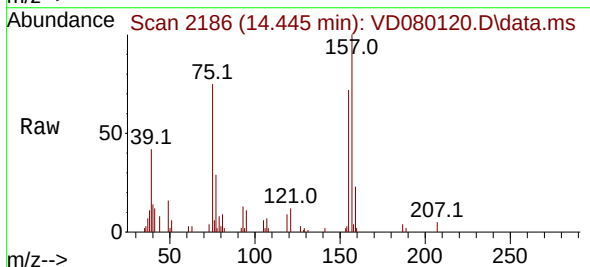
Instrument :
MSVOA_D
ClientSampleId :



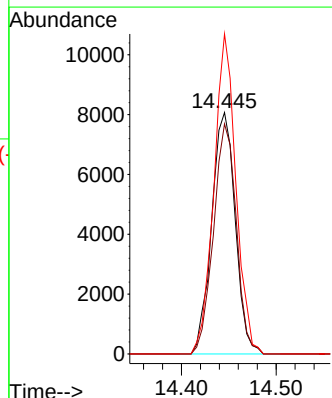
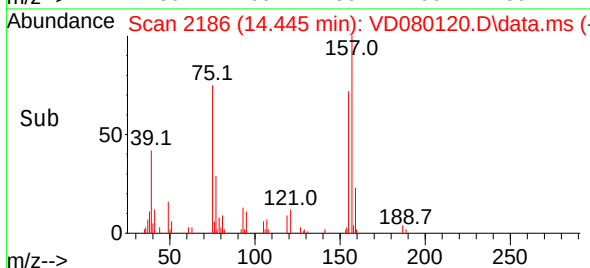
Tgt Ion:146 Resp: 200521
Ion Ratio Lower Upper
146 100
111 39.7 33.0 49.6
148 62.2 51.0 76.4

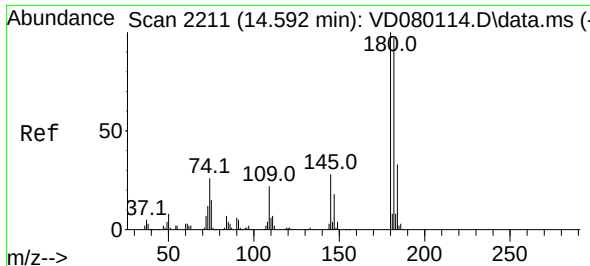


#68
1,2-Dibromo-3-chloropropane
Concen: 19.752 ug/L
RT: 14.445 min Scan# 2186
Delta R.T. -0.000 min
Lab File: VD080120.D
Acq: 09 Dec 2024 16:25



Tgt Ion: 75 Resp: 13927
Ion Ratio Lower Upper
75 100
155 95.3 68.7 103.1
157 132.6 79.4 119.2#





#69

1,3,5-Trichlorobenzene

Concen: 20.201 ug/L

RT: 14.592 min Scan# 2211

Delta R.T. -0.000 min MSVOA_D

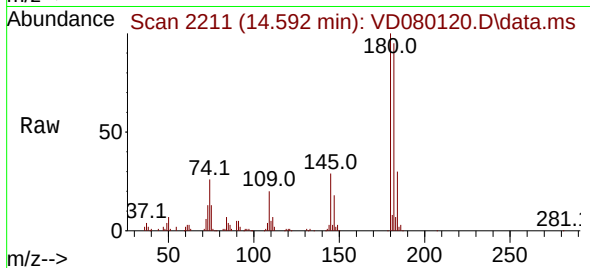
Lab File: VD080120.D

Acq: 09 Dec 2024 16:25

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:180 Resp: 140046

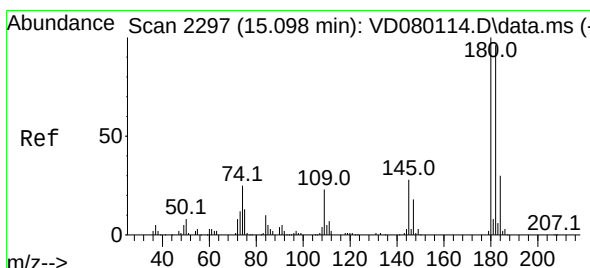
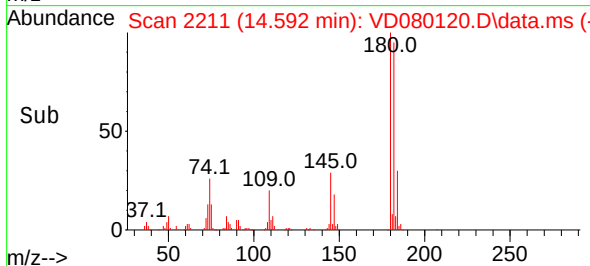
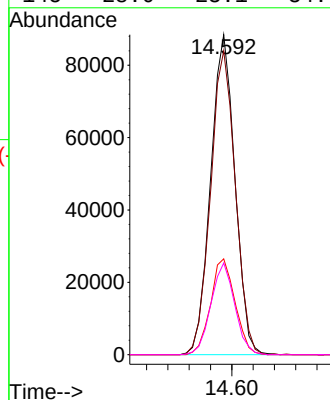
Ion Ratio Lower Upper

180 100

182 96.6 75.8 113.6

184 30.2 24.6 36.8

145 28.0 23.1 34.7



#70

1,2,4-trichlorobenzene

Concen: 20.621 ug/L

RT: 15.092 min Scan# 2296

Delta R.T. -0.006 min

Lab File: VD080120.D

Acq: 09 Dec 2024 16:25

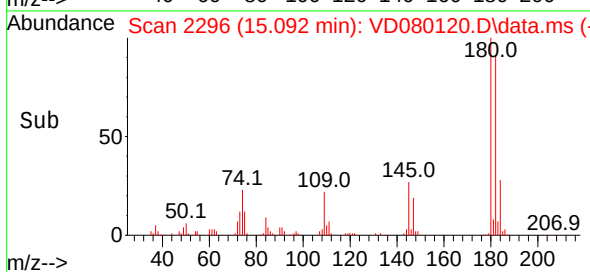
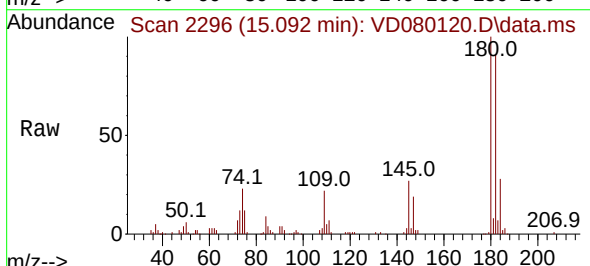
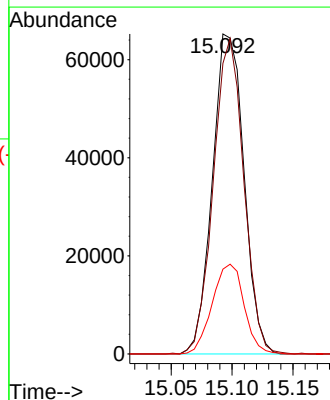
Tgt Ion:180 Resp: 117467

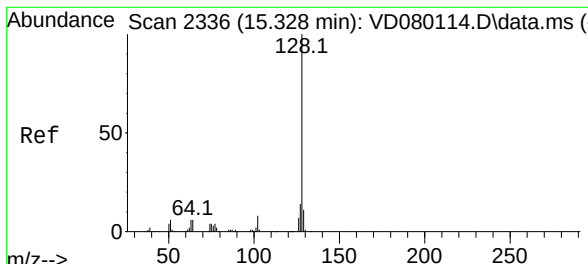
Ion Ratio Lower Upper

180 100

182 95.0 75.9 113.9

145 28.4 23.0 34.4

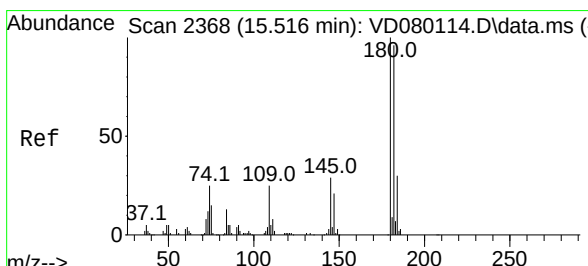
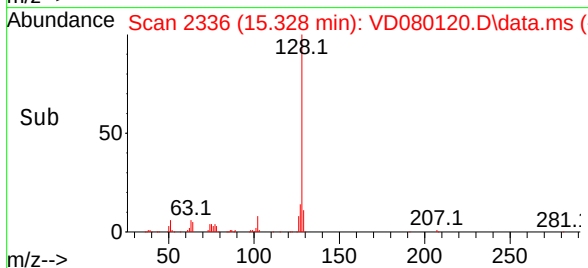
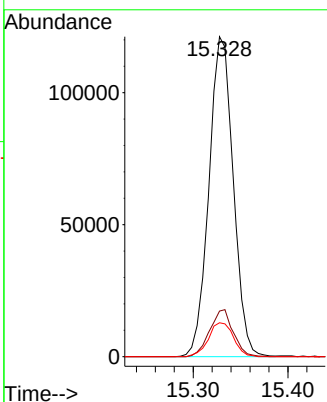
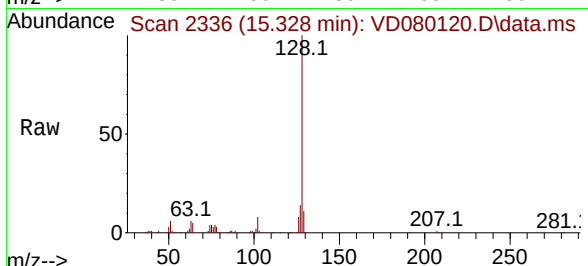




#71
Naphthalene
Concen: 20.514 ug/L
RT: 15.328 min Scan# 2336
Delta R.T. -0.000 min
Lab File: VD080120.D
Acq: 09 Dec 2024 16:25

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion:128	Resp: 216722
Ion Ratio	Lower Upper
128 100	
127 14.2	11.0 16.6
129 10.9	8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 21.462 ug/L
RT: 15.516 min Scan# 2368
Delta R.T. -0.000 min
Lab File: VD080120.D
Acq: 09 Dec 2024 16:25

Tgt Ion:180	Resp:	112622	
Ion	Ratio	Lower	Upper
180	100		
182	94.1	75.8	113.8
145	30.5	24.9	37.3

