

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120524\
 Data File : VD080111.D
 Acq On : 05 Dec 2024 18:18
 Operator : RP/MD
 Sample : VSTDCCC025
 Misc : 5.00G/10ml/MSVOA_D/SOIL/B
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Dec 06 01:29:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM120524SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 06 01:10:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	253912	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	246173	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	131249	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	123535	27.312	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 109.240%	
7) Chloroethane-d5	2.793	69	102590	29.086	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 116.360%	
11) 1,1-Dichloroethene-d2	3.911	65	41001	25.272	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 101.080%	
21) 2-Butanone-d5	6.987	46	43675	57.448	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 114.900%	
24) Chloroform-d	7.569	84	200487	29.015	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 116.040%	
26) 1,2-Dichloroethane-d4	8.234	65	111911	30.789	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 123.160%	
32) Benzene-d6	8.204	84	419240	29.568	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 118.280%	
36) 1,2-Dichloropropane-d6	9.210	67	130165	29.213	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 116.840%	
41) Toluene-d8	10.269	98	401345	30.381	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 121.520%	
43) trans-1,3-Dichloroprop...	10.528	79	57659	30.581	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 122.320%	
47) 2-Hexanone-d5	10.875	63	39612	61.640	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 123.280%	
56) 1,1,2,2-Tetrachloroeth...	12.651	84	114566	31.891	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 127.560%#	
66) 1,2-Dichlorobenzene-d4	13.816	152	134091	29.178	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 116.720%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	104473	25.089	ug/L	99
3) Chloromethane	2.146	50	93116	23.358	ug/L	95
5) Vinyl chloride	2.281	62	123250	24.523	ug/L	99
6) Bromomethane	2.687	94	69954	24.368	ug/L	100
8) Chloroethane	2.834	64	73830	24.331	ug/L	97
9) Trichlorofluoromethane	3.169	101	149057	22.621	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.958	101	87487	22.849	ug/L	98
12) 1,1-Dichloroethene	3.940	96	79654	22.721	ug/L	83
13) Acetone	4.028	43	47486	36.115	ug/L	99
14) Carbon disulfide	4.269	76	290787	22.760	ug/L	99
15) Methyl Acetate	4.563	43	34550	21.341	ug/L #	89
16) Methylene chloride	4.799	84	97235	23.902	ug/L	98
17) trans-1,2-Dichloroethene	5.310	96	88578	22.805	ug/L	100
18) Methyl tert-butyl Ether	5.322	73	182372	23.553	ug/L	98
19) 1,1-Dichloroethane	6.116	63	159212	22.879	ug/L	100
20) cis-1,2-Dichloroethene	7.087	96	96637	23.004	ug/L	95
22) 2-Butanone	7.081	43	56841	41.515	ug/L	99
23) Bromochloromethane	7.428	128	48457	24.959	ug/L	91
25) Chloroform	7.593	83	185823	24.332	ug/L	97

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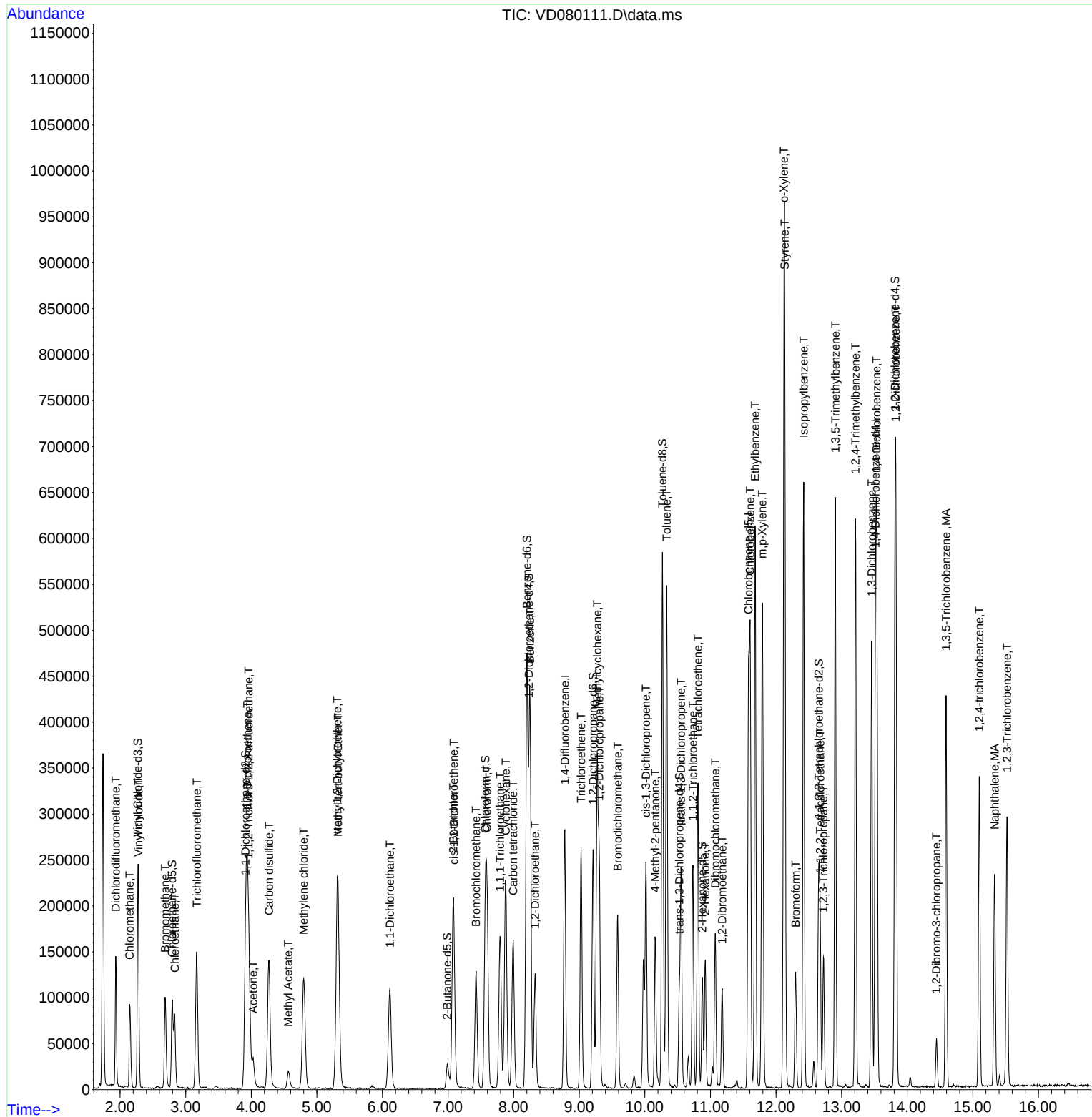
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.328	62	109137	24.579	ug/L	98
29) Cyclohexane	7.881	56	120970	21.637	ug/L	97
30) 1,1,1-Trichloroethane	7.793	97	139748	23.179	ug/L	99
31) Carbon tetrachloride	7.993	117	127937	23.877	ug/L	98
33) Benzene	8.252	78	383054	24.012	ug/L	100
34) Trichloroethene	9.028	95	95408	23.054	ug/L	96
35) Methylcyclohexane	9.275	83	142365	22.737	ug/L	100
37) 1,2-Dichloropropane	9.304	63	102845	24.410	ug/L	100
38) Bromodichloromethane	9.587	83	127774	24.379	ug/L	98
39) cis-1,3-Dichloropropene	10.016	75	149145	23.479	ug/L	98
40) 4-Methyl-2-pentanone	10.157	43	104515	48.488	ug/L	99
42) Toluene	10.334	91	423741	25.033	ug/L	98
44) trans-1,3-Dichloropropene	10.551	75	131979	24.599	ug/L	96
45) 1,1,2-Trichloroethane	10.734	97	79168	25.191	ug/L	96
46) Tetrachloroethene	10.810	164	78598	23.404	ug/L	91
48) 2-Hexanone	10.922	43	89012	46.118	ug/L	99
49) Dibromochloromethane	11.075	129	89818	24.808	ug/L	98
50) 1,2-Dibromoethane	11.181	107	73407	25.004	ug/L #	97
51) Chlorobenzene	11.604	112	260358	23.726	ug/L	98
52) Ethylbenzene	11.681	91	436154	23.705	ug/L	99
53) m,p-Xylene	11.793	106	171130	24.362	ug/L	94
54) o-Xylene	12.122	106	160375	23.698	ug/L	95
55) Styrene	12.134	104	300398	25.141	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.675	83	91877	25.107	ug/L	94
59) Bromoform	12.298	173	56968	24.456	ug/L	98
60) Isopropylbenzene	12.422	105	416525	22.592	ug/L	99
61) 1,2,3-Trichloropropane	12.722	75	62576	23.833	ug/L	99
62) 1,3,5-Trimethylbenzene	12.904	105	331877	22.742	ug/L	100
63) 1,2,4-Trimethylbenzene	13.210	105	329460	22.868	ug/L	98
64) 1,3-Dichlorobenzene	13.457	146	203487	23.043	ug/L	96
65) 1,4-Dichlorobenzene	13.534	146	214029	23.607	ug/L	96
67) 1,2-Dichlorobenzene	13.828	146	188255	23.375	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.445	75	14039	22.819	ug/L	95
69) 1,3,5-Trichlorobenzene	14.592	180	132568	21.915	ug/L	99
70) 1,2,4-trichlorobenzene	15.098	180	110795	22.291	ug/L	99
71) Naphthalene	15.333	128	201736	21.885	ug/L	99
72) 1,2,3-Trichlorobenzene	15.522	180	101529	22.175	ug/L	99

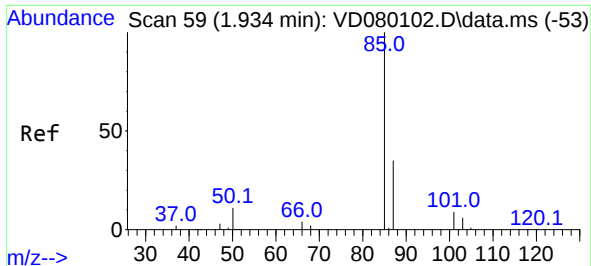
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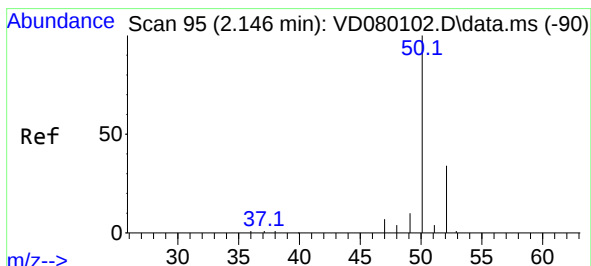
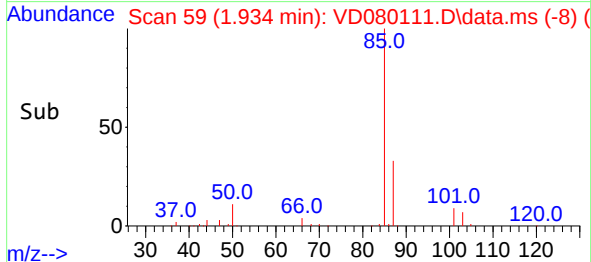
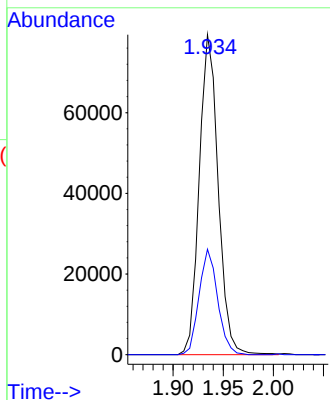
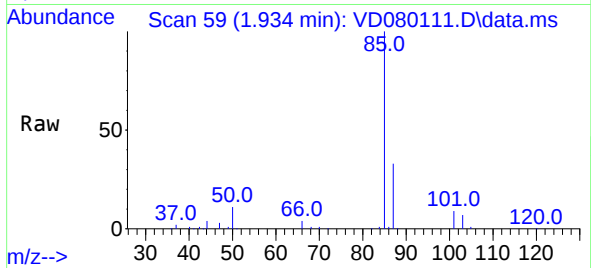




#2
Dichlorodifluoromethane
Concen: 25.089 ug/L
RT: 1.934 min Scan# 59
Delta R.T. -0.000 min
Lab File: VD080111.D
Acq: 05 Dec 2024 18:18

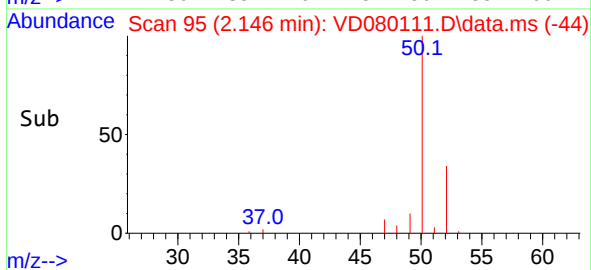
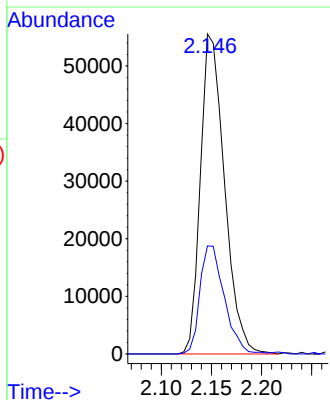
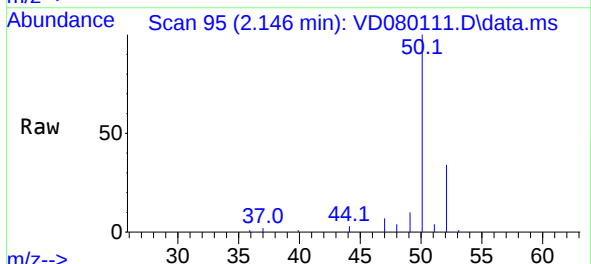
Instrument :
MSVOA_D
ClientSampleId :

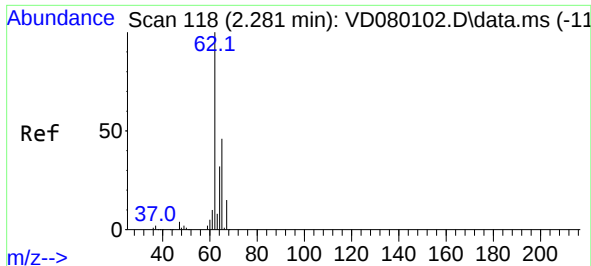
Tgt Ion: 85 Resp: 104473
Ion Ratio Lower Upper
85 100
87 32.4 25.4 38.2



#3
Chloromethane
Concen: 23.358 ug/L
RT: 2.146 min Scan# 95
Delta R.T. -0.000 min
Lab File: VD080111.D
Acq: 05 Dec 2024 18:18

Tgt Ion: 50 Resp: 93116
Ion Ratio Lower Upper
50 100
52 33.8 21.6 40.0

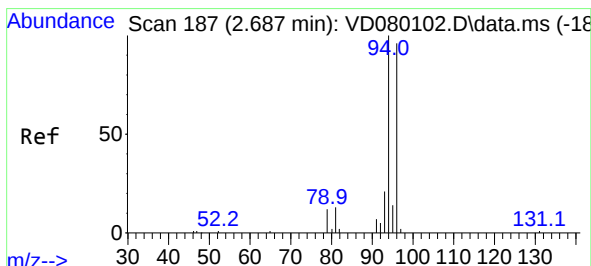
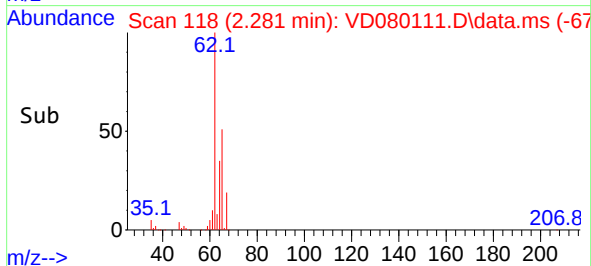
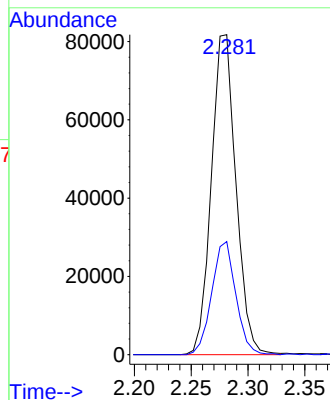
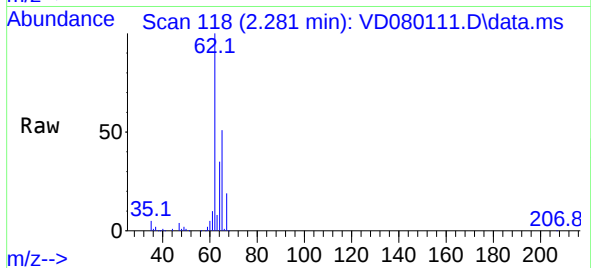




#5
 Vinyl chloride
 Concen: 24.523 ug/L
 RT: 2.281 min Scan# 118
 Delta R.T. -0.000 min
 Lab File: VD080111.D
 Acq: 05 Dec 2024 18:18

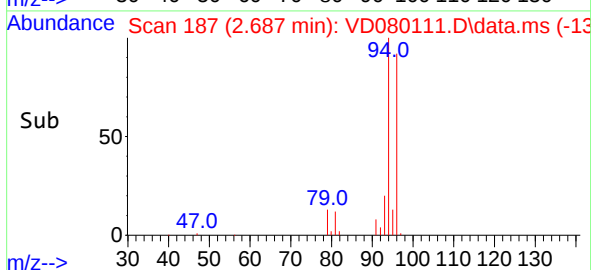
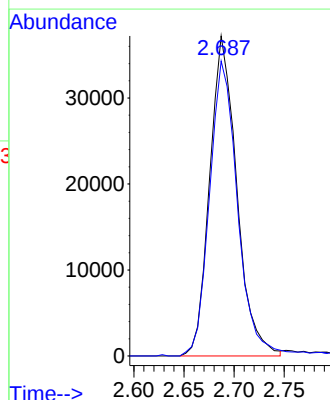
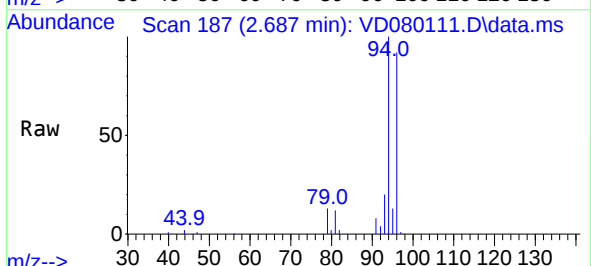
Instrument :
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 ClientSampleId :

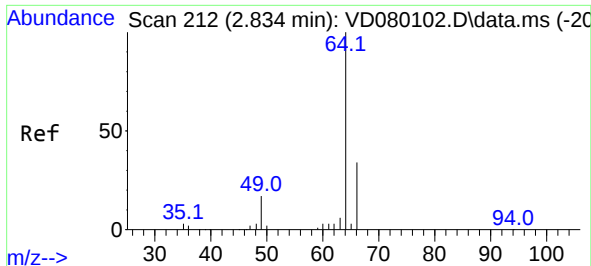
Tgt Ion: 62 Resp: 123250
 Ion Ratio Lower Upper
 62 100
 64 35.3 25.1 46.7



#6
 Bromomethane
 Concen: 24.368 ug/L
 RT: 2.687 min Scan# 187
 Delta R.T. -0.000 min
 Lab File: VD080111.D
 Acq: 05 Dec 2024 18:18

Tgt Ion: 94 Resp: 69954
 Ion Ratio Lower Upper
 94 100
 96 92.2 64.5 119.7

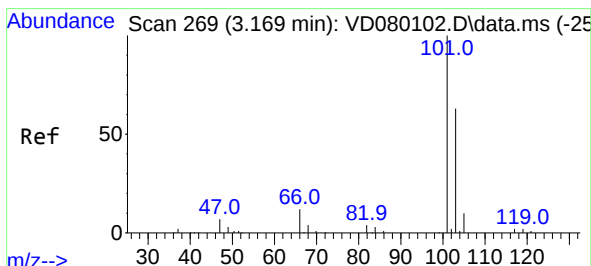
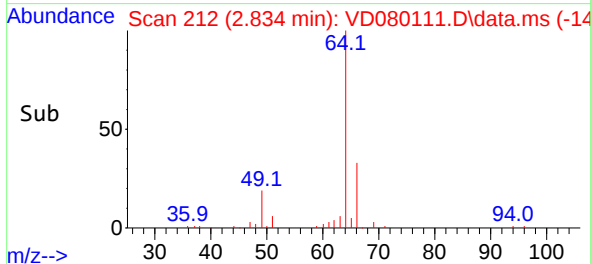
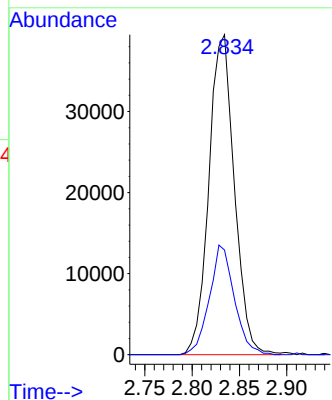
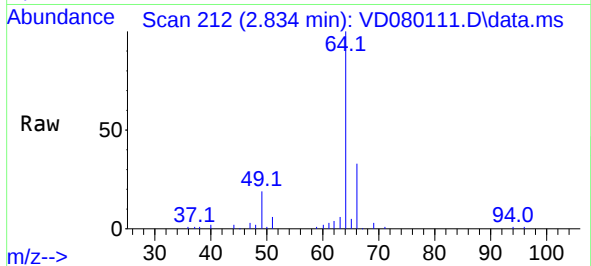




#8
Chloroethane
Concen: 24.331 ug/L
RT: 2.834 min Scan# 212
Delta R.T. -0.000 min
Lab File: VD080111.D
Acq: 05 Dec 2024 18:18

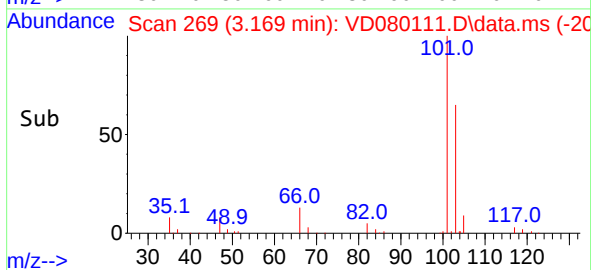
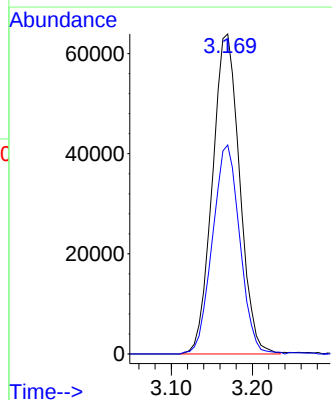
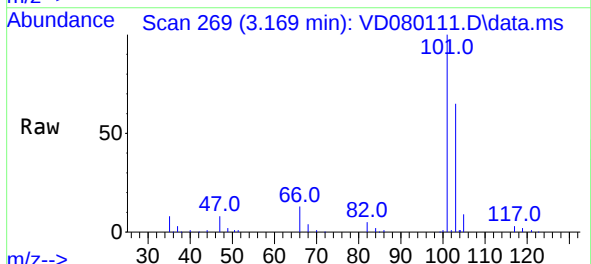
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ClientSampleId :

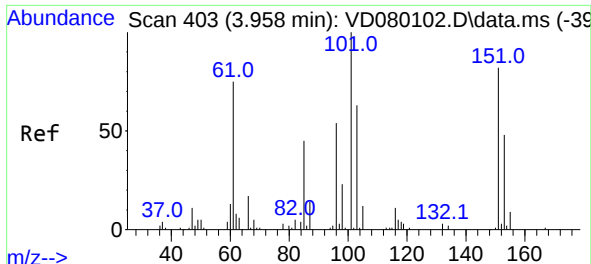
Tgt Ion: 64 Resp: 73830
Ion Ratio Lower Upper
64 100
66 32.7 21.7 40.3



#9
Trichlorofluoromethane
Concen: 22.621 ug/L
RT: 3.169 min Scan# 269
Delta R.T. -0.000 min
Lab File: VD080111.D
Acq: 05 Dec 2024 18:18

Tgt Ion:101 Resp: 149057
Ion Ratio Lower Upper
101 100
103 65.6 51.8 77.8

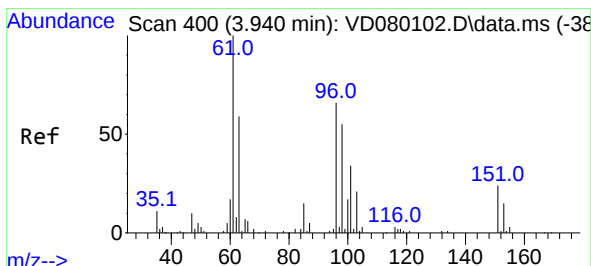
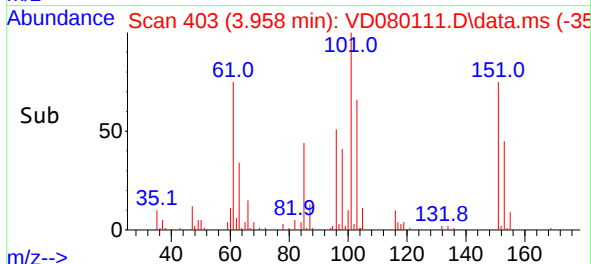
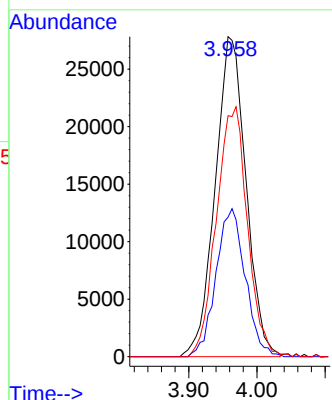
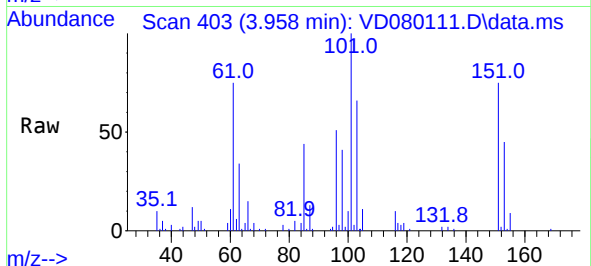




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 22.849 ug/L
RT: 3.958 min Scan# 403
Delta R.T. -0.000 min
Lab File: VD080111.D
Acq: 05 Dec 2024 18:18

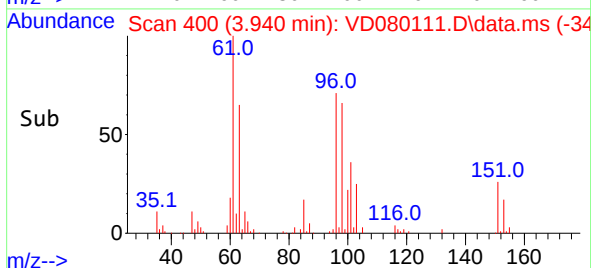
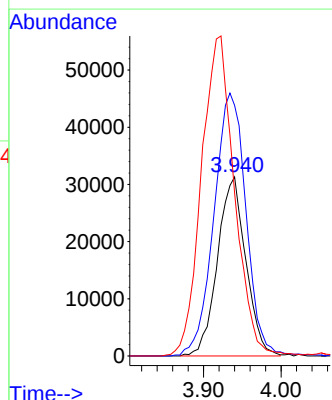
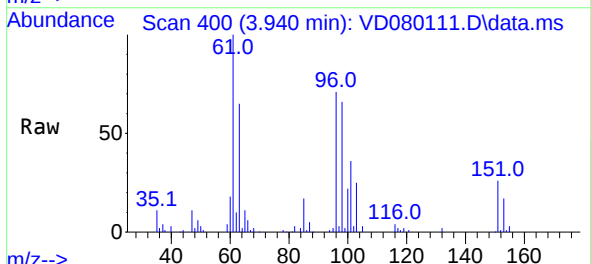
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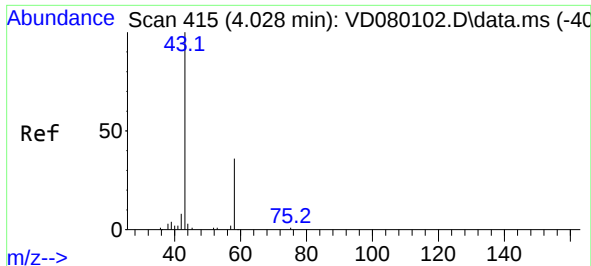
Tgt Ion:101 Resp: 87487
Ion Ratio Lower Upper
101 100
85 44.0 34.9 52.3
151 78.4 60.7 91.1



#12
1,1-Dichloroethene
Concen: 22.721 ug/L
RT: 3.940 min Scan# 400
Delta R.T. -0.000 min
Lab File: VD080111.D
Acq: 05 Dec 2024 18:18

Tgt Ion: 96 Resp: 79654
Ion Ratio Lower Upper
96 100
61 139.9 111.2 206.6
63 91.0 78.9 146.5





#13

Acetone

Concen: 36.115 ug/L

RT: 4.028 min Scan# 41

Delta R.T. -0.000 min

Lab File: VD080111.D

Acq: 05 Dec 2024 18:18

Instrument :

MSVOA_D

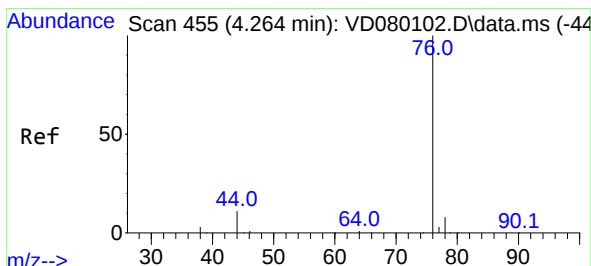
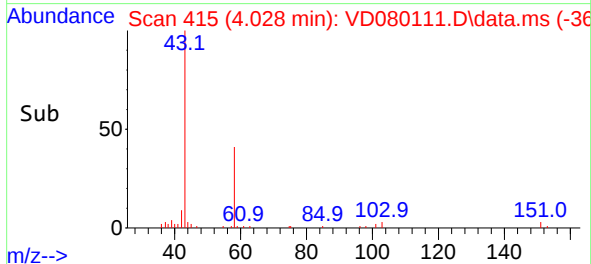
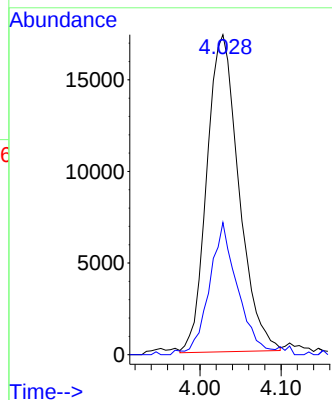
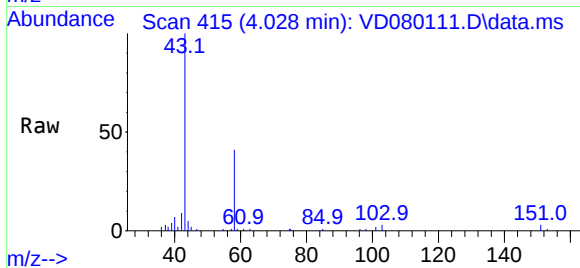
ClientSampleId :

Tgt Ion: 43 Resp: 47486

Ion Ratio Lower Upper

43 100

58 36.6 0.0 71.8



#14

Carbon disulfide

Concen: 22.760 ug/L

RT: 4.269 min Scan# 456

Delta R.T. 0.006 min

Lab File: VD080111.D

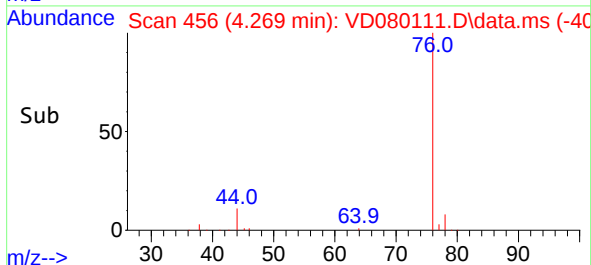
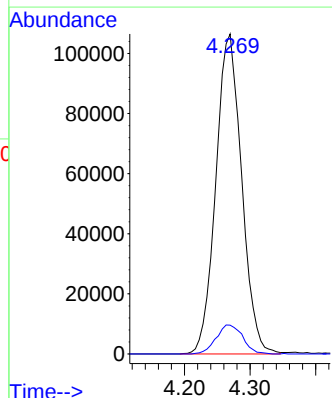
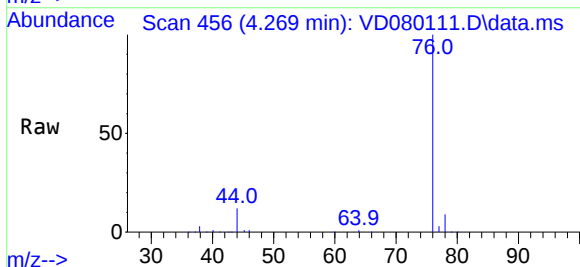
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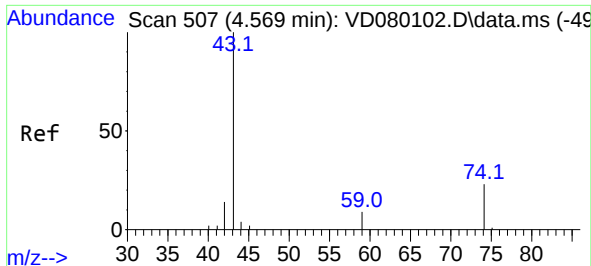
Tgt Ion: 76 Resp: 290787

Ion Ratio Lower Upper

76 100

78 9.0 7.4 11.2

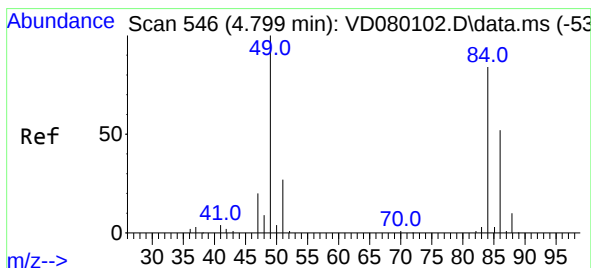
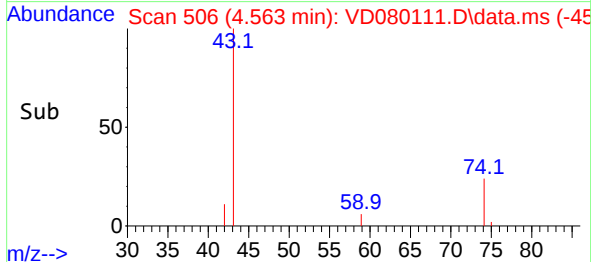
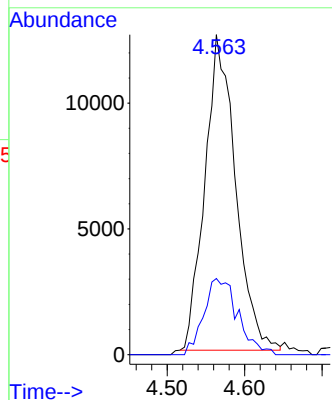
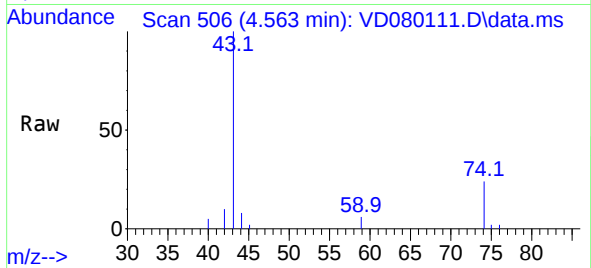




#15
Methyl Acetate
Concen: 21.341 ug/L
RT: 4.563 min Scan# 507
Delta R.T. -0.006 min
Lab File: VD080111.D
Acq: 05 Dec 2024 18:18

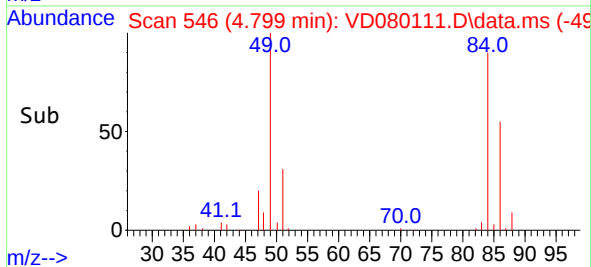
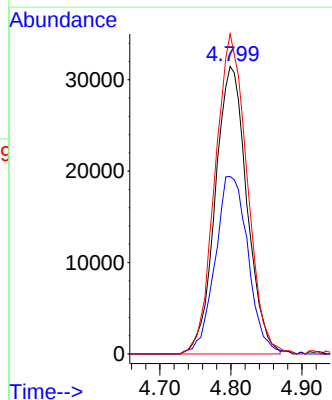
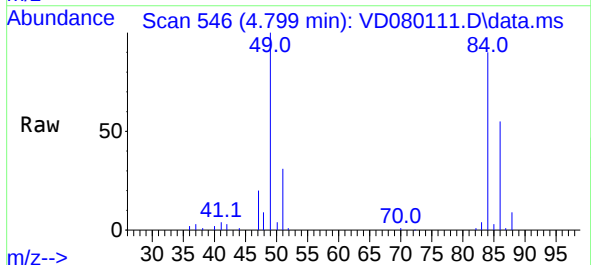
Instrument :
MSVOA_D
ClientSampleId :

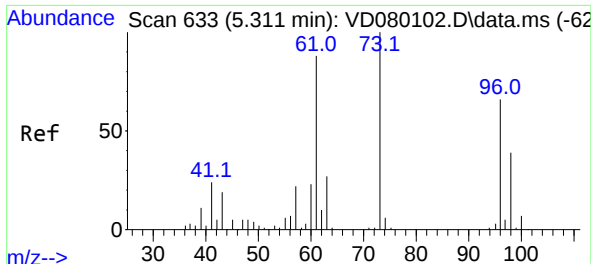
Tgt Ion: 43 Resp: 34550
Ion Ratio Lower Upper
43 100
74 14.4 0.2 0.2#



#16
Methylene chloride
Concen: 23.902 ug/L
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD080111.D
Acq: 05 Dec 2024 18:18

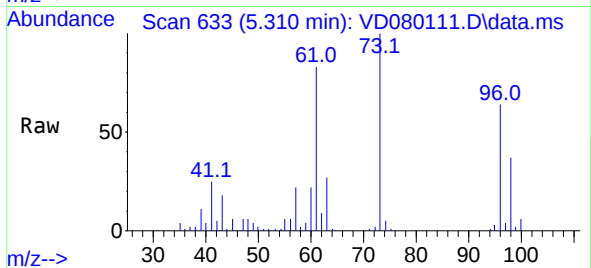
Tgt Ion: 84 Resp: 97235
Ion Ratio Lower Upper
84 100
86 61.7 45.4 84.4
49 111.3 77.3 143.7



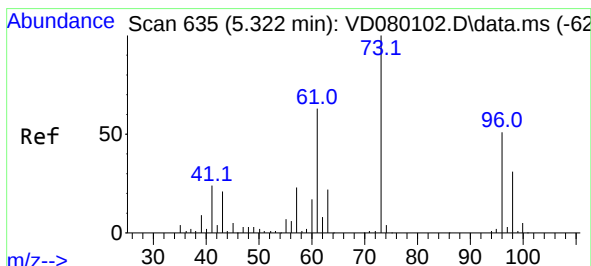
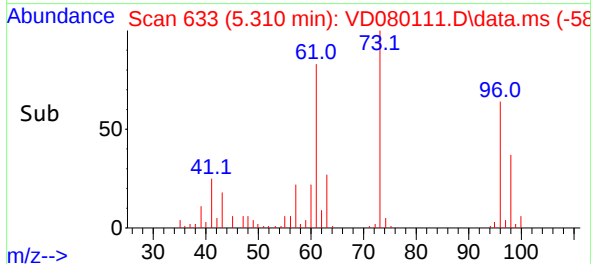
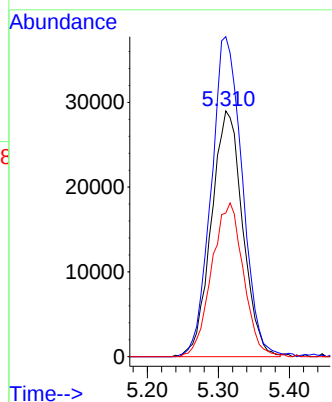


#17
trans-1,2-Dichloroethene
Concen: 22.805 ug/L
RT: 5.310 min Scan# 611
Delta R.T. -0.000 min
Lab File: VD080111.D
Acq: 05 Dec 2024 18:18

Instrument :
MSVOA_D
ClientSampleId :

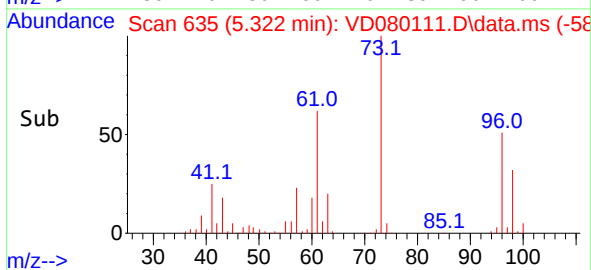
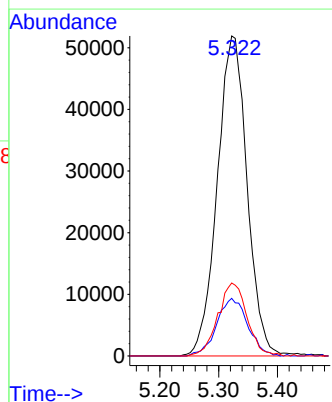
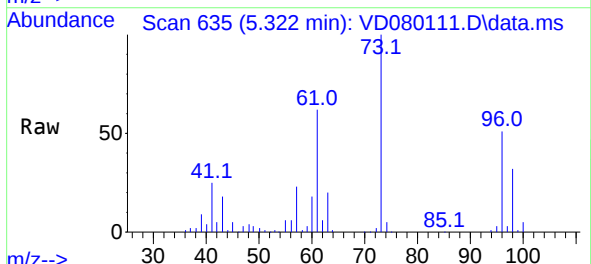


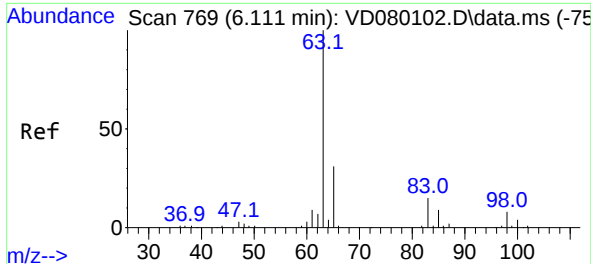
Tgt Ion: 96 Resp: 88578
Ion Ratio Lower Upper
96 100
61 130.2 91.1 169.3
98 58.4 41.6 77.2



#18
Methyl tert-butyl Ether
Concen: 23.553 ug/L
RT: 5.322 min Scan# 635
Delta R.T. -0.000 min
Lab File: VD080111.D
Acq: 05 Dec 2024 18:18

Tgt Ion: 73 Resp: 182372
Ion Ratio Lower Upper
73 100
43 18.8 16.1 24.1
57 22.3 18.5 27.7

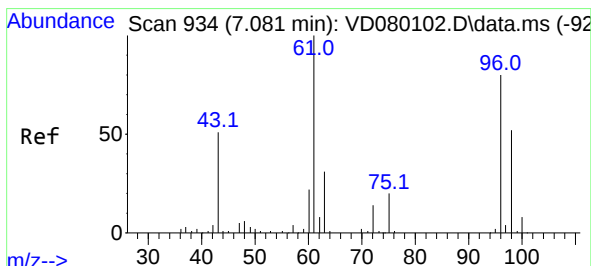
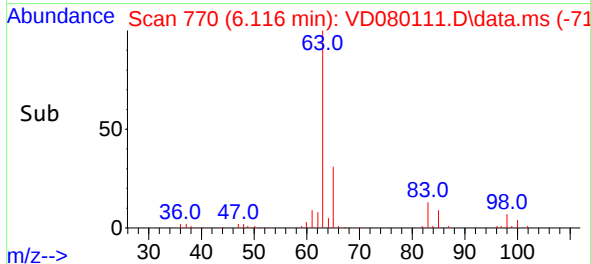
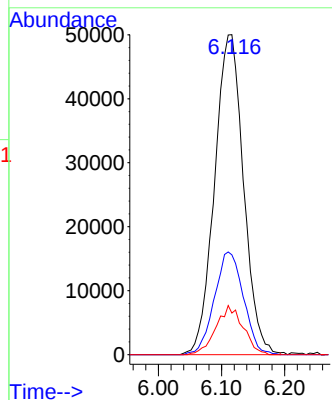
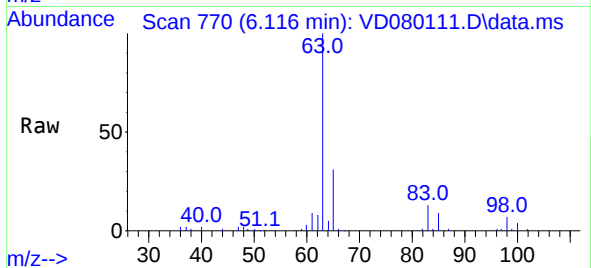




#19
1,1-Dichloroethane
Concen: 22.879 ug/L
RT: 6.116 min Scan# 71
Delta R.T. 0.006 min
Lab File: VD080111.D
Acq: 05 Dec 2024 18:18

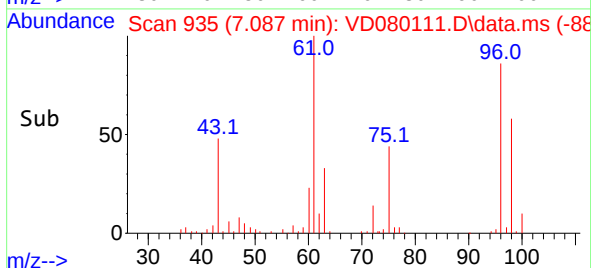
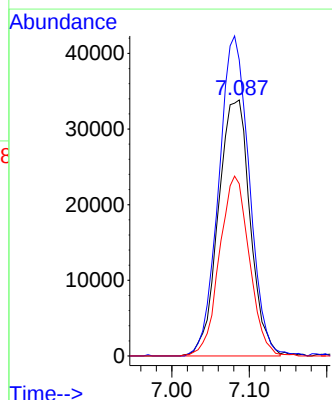
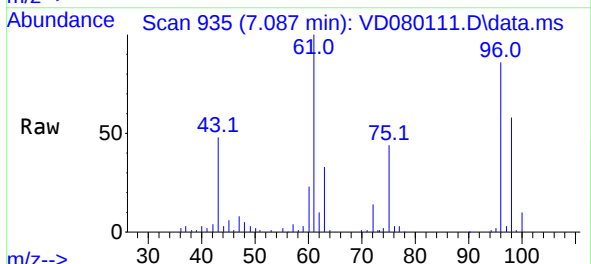
Instrument :
MSVOA_D
ClientSampleId :

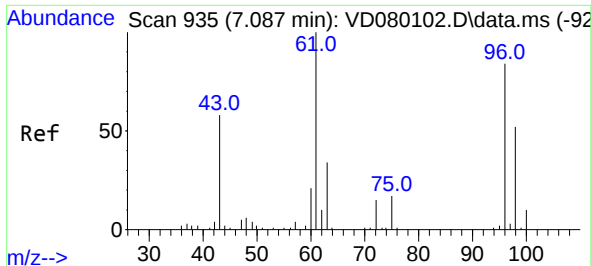
Tgt Ion: 63 Resp: 159212
Ion Ratio Lower Upper
63 100
65 31.2 21.9 40.7
83 13.0 9.0 16.6



#20
cis-1,2-Dichloroethene
Concen: 23.004 ug/L
RT: 7.087 min Scan# 935
Delta R.T. 0.006 min
Lab File: VD080111.D
Acq: 05 Dec 2024 18:18

Tgt Ion: 96 Resp: 96637
Ion Ratio Lower Upper
96 100
61 115.6 84.8 157.4
98 67.3 44.4 82.5

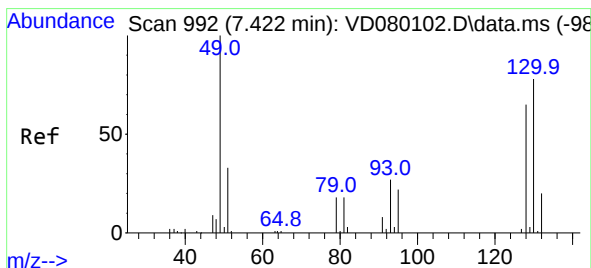
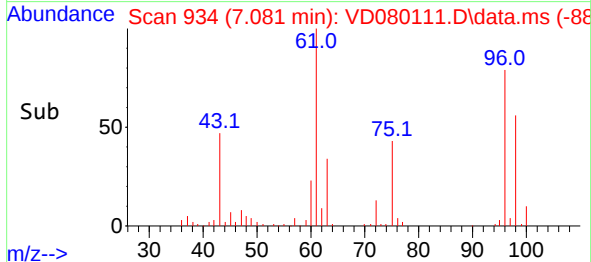
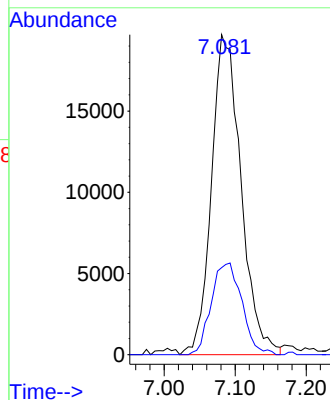
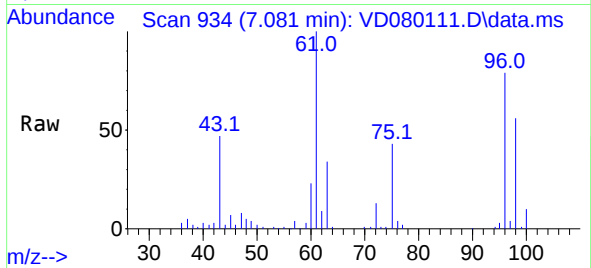




#22
2-Butanone
Concen: 41.515 ug/L
RT: 7.081 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD080111.D
Acq: 05 Dec 2024 18:18

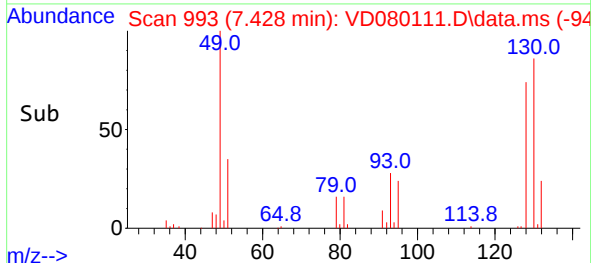
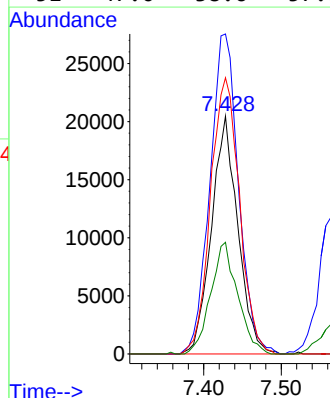
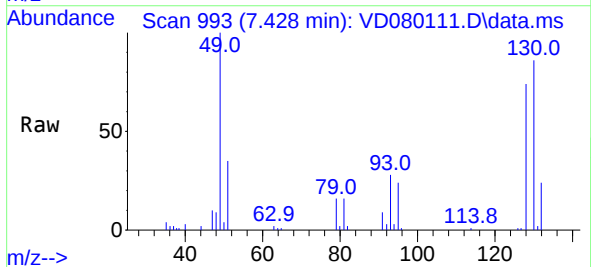
Instrument :
MSVOA_D
ClientSampleId :

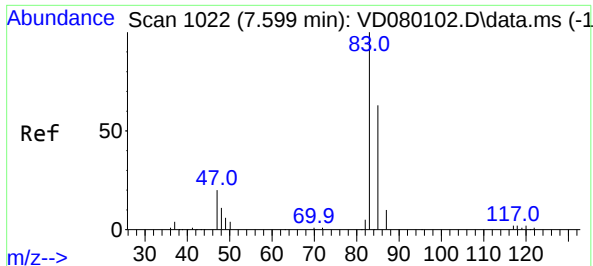
Tgt Ion: 43 Resp: 56841
Ion Ratio Lower Upper
43 100
72 29.3 14.3 42.9



#23
Bromochloromethane
Concen: 24.959 ug/L
RT: 7.428 min Scan# 993
Delta R.T. 0.006 min
Lab File: VD080111.D
Acq: 05 Dec 2024 18:18

Tgt Ion:128 Resp: 48457
Ion Ratio Lower Upper
128 100
49 134.6 103.2 191.6
130 116.1 90.6 168.2
51 47.0 38.6 57.8

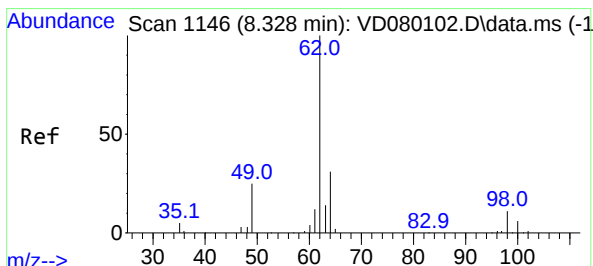
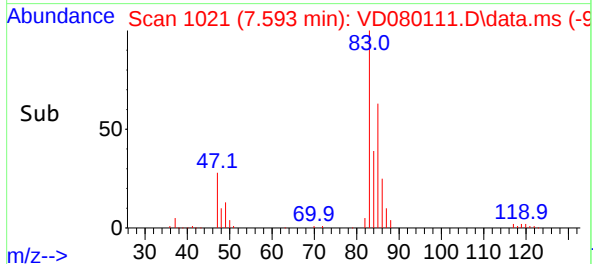
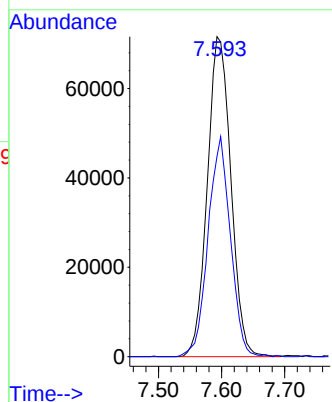
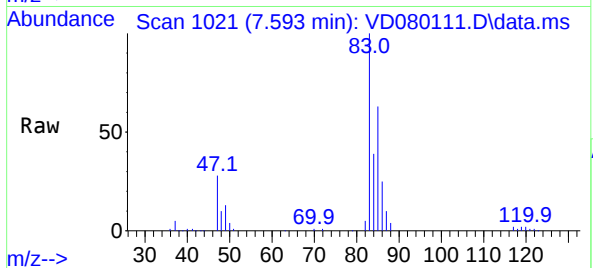




#25
Chloroform
Concen: 24.332 ug/L
RT: 7.593 min Scan# 1021
Delta R.T. -0.006 min
Lab File: VD080111.D
Acq: 05 Dec 2024 18:18

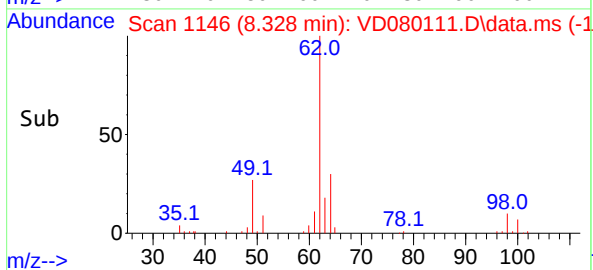
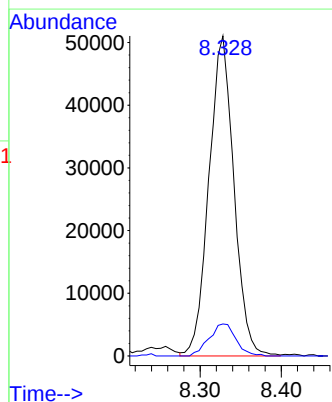
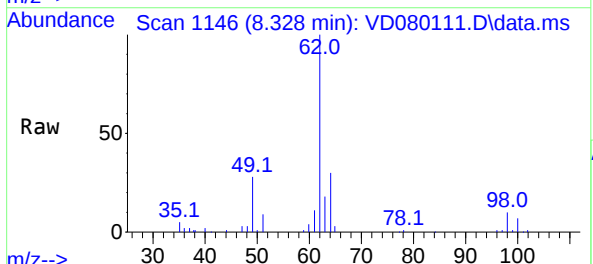
Instrument :
MSVOA_D
ClientSampleId :

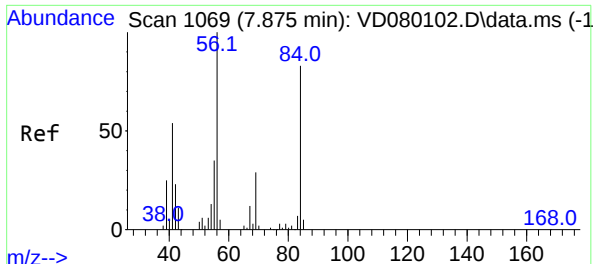
Tgt Ion: 83 Resp: 185823
Ion Ratio Lower Upper
83 100
85 62.6 45.6 84.6



#27
1,2-Dichloroethane
Concen: 24.579 ug/L
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD080111.D
Acq: 05 Dec 2024 18:18

Tgt Ion: 62 Resp: 109137
Ion Ratio Lower Upper
62 100
98 10.0 7.5 11.3





#29

Cyclohexane

Concen: 21.637 ug/L

RT: 7.881 min Scan# 1069

Delta R.T. 0.006 min

Lab File: VD080111.D

Acq: 05 Dec 2024 18:18

Instrument :

MSVOA_D

ClientSampleId :

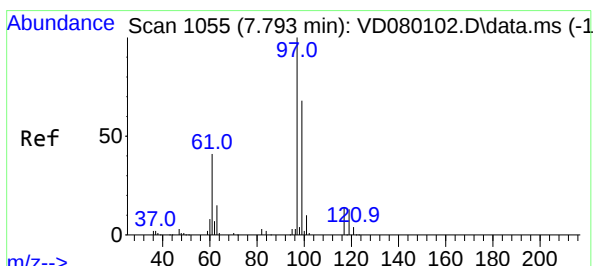
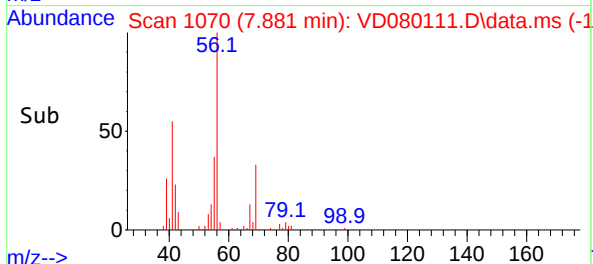
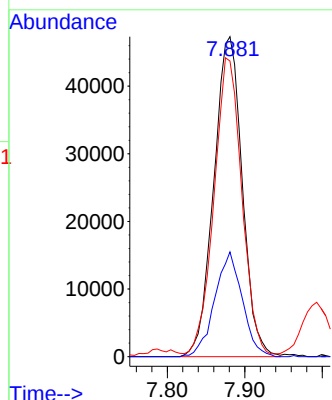
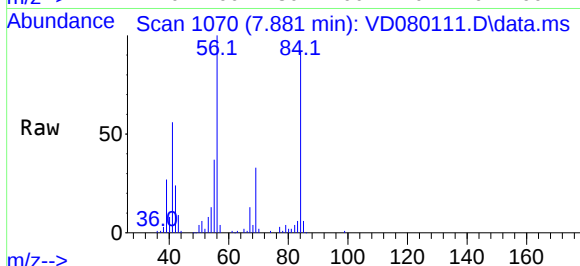
Tgt Ion: 56 Resp: 120970

Ion Ratio Lower Upper

56 100

69 31.7 25.6 38.4

84 92.0 71.0 106.6



#30

1,1,1-Trichloroethane

Concen: 23.179 ug/L

RT: 7.793 min Scan# 1055

Delta R.T. -0.000 min

Lab File: VD080111.D

Acq: 05 Dec 2024 18:18

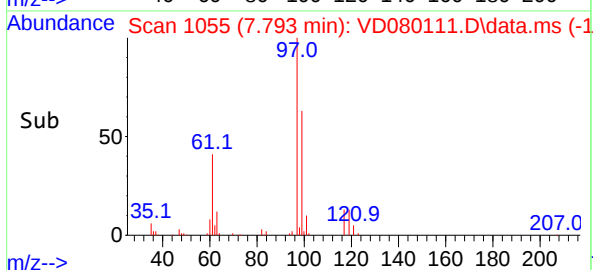
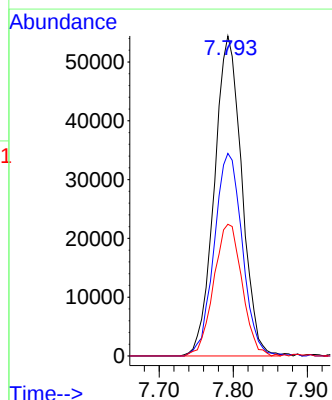
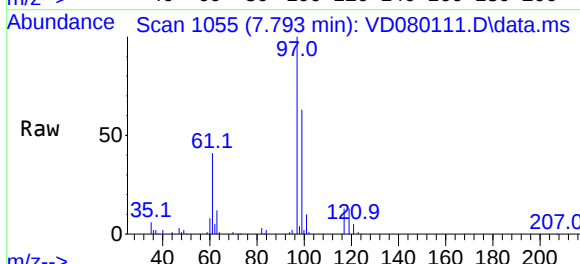
Tgt Ion: 97 Resp: 139748

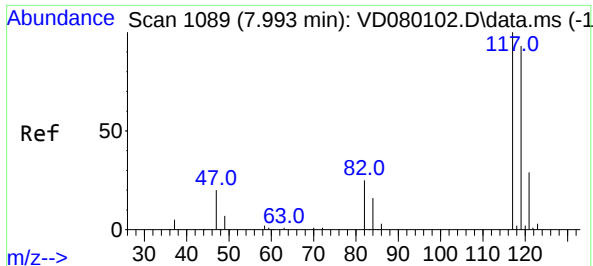
Ion Ratio Lower Upper

97 100

99 65.1 51.5 77.3

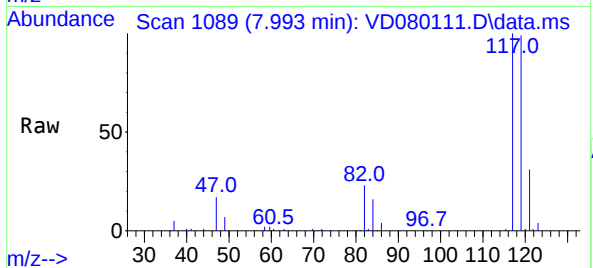
61 42.6 34.3 51.5



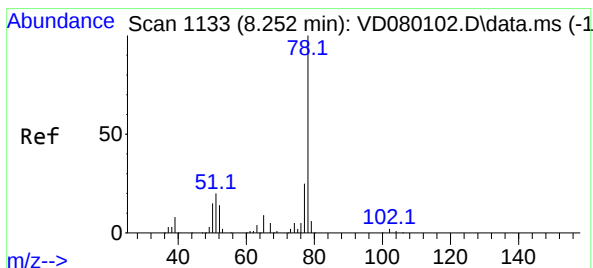
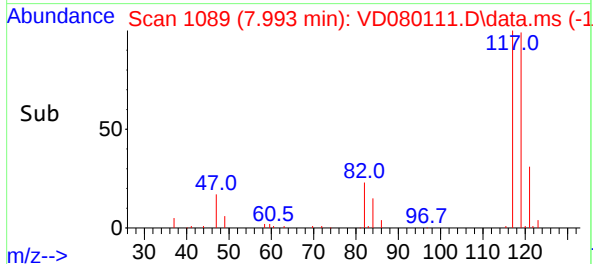
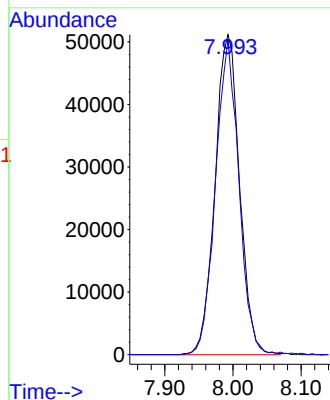


#31
Carbon tetrachloride
Concen: 23.877 ug/L
RT: 7.993 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD080111.D
Acq: 05 Dec 2024 18:18

Instrument :
MSVOA_D
ClientSampleId :

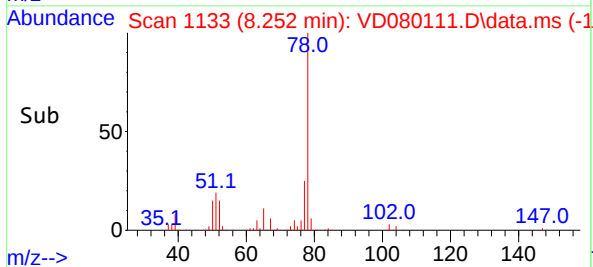
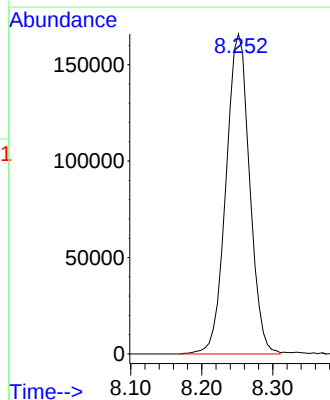
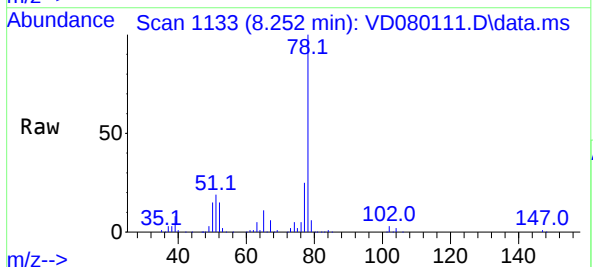


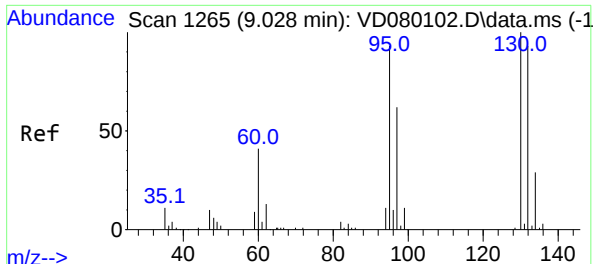
Tgt Ion:117 Resp: 127937
Ion Ratio Lower Upper
117 100
119 93.6 76.8 115.2



#33
Benzene
Concen: 24.012 ug/L
RT: 8.252 min Scan# 1133
Delta R.T. -0.000 min
Lab File: VD080111.D
Acq: 05 Dec 2024 18:18

Tgt Ion: 78 Resp: 383054

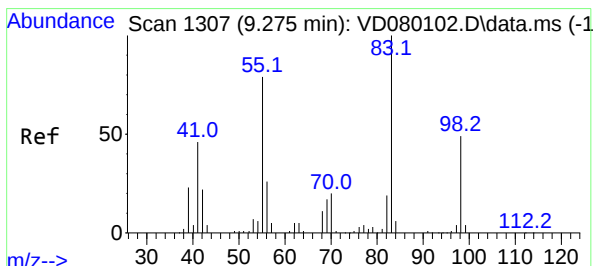
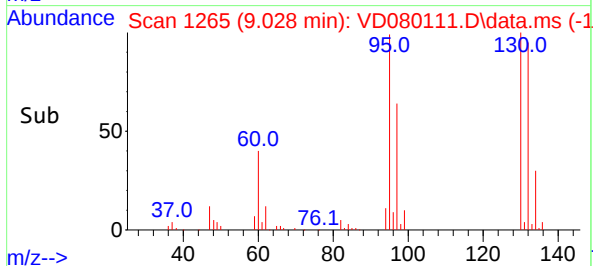
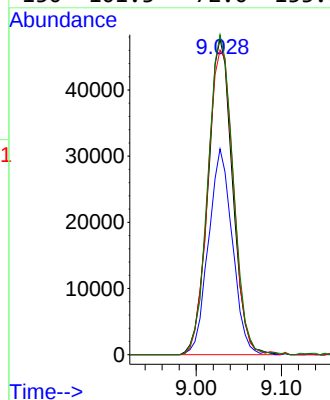
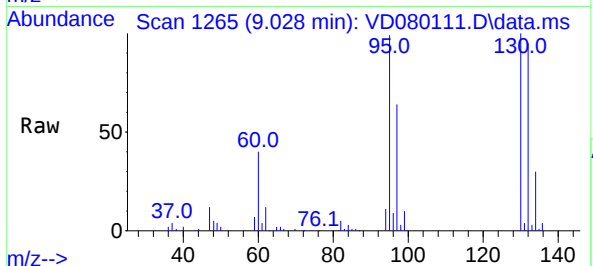




#34
Trichloroethene
Concen: 23.054 ug/L
RT: 9.028 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD080111.D
Acq: 05 Dec 2024 18:18

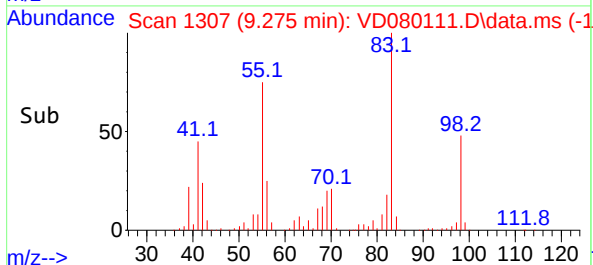
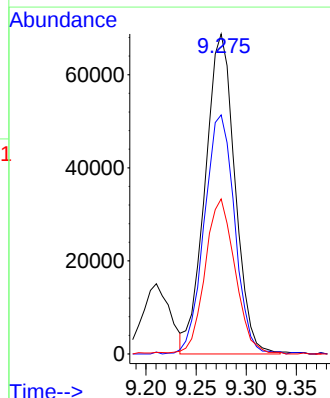
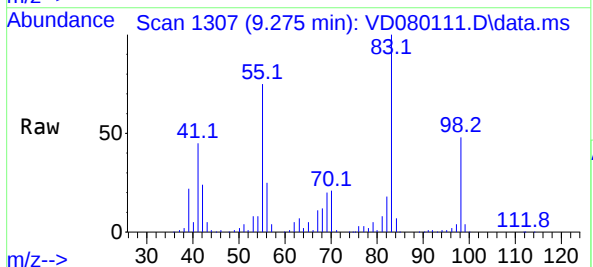
Instrument :
MSVOA_D
ClientSampleId :

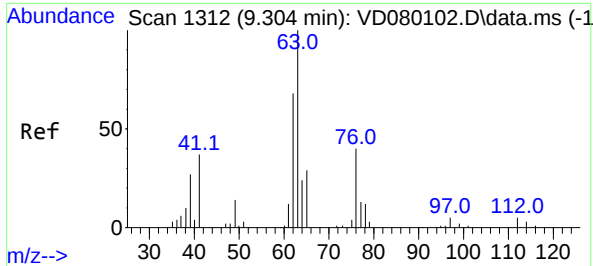
Tgt Ion: 95 Resp: 95408
Ion Ratio Lower Upper
95 100
97 65.1 47.7 88.5
132 96.4 72.8 135.2
130 101.3 72.0 133.6



#35
Methylcyclohexane
Concen: 22.737 ug/L
RT: 9.275 min Scan# 1307
Delta R.T. -0.000 min
Lab File: VD080111.D
Acq: 05 Dec 2024 18:18

Tgt Ion: 83 Resp: 142365
Ion Ratio Lower Upper
83 100
55 76.1 61.2 91.8
98 47.9 38.2 57.2

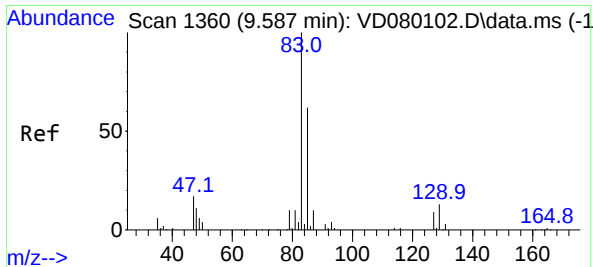
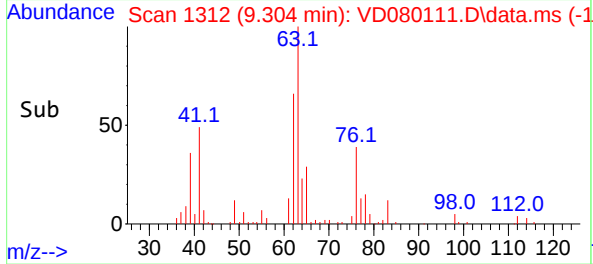
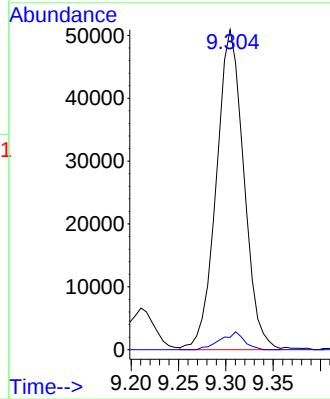
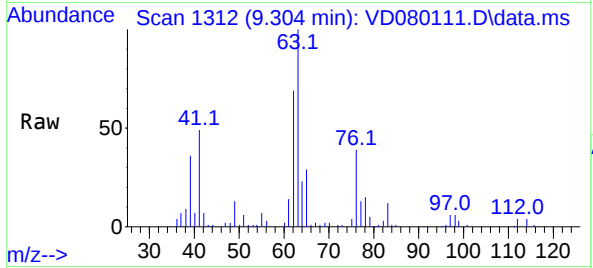




#37
1,2-Dichloropropane
Concen: 24.410 ug/L
RT: 9.304 min Scan# 1312
Delta R.T. -0.000 min
Lab File: VD080111.D
Acq: 05 Dec 2024 18:18

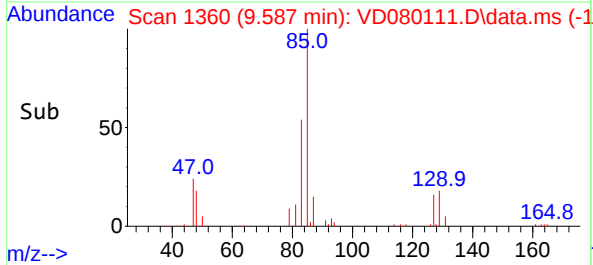
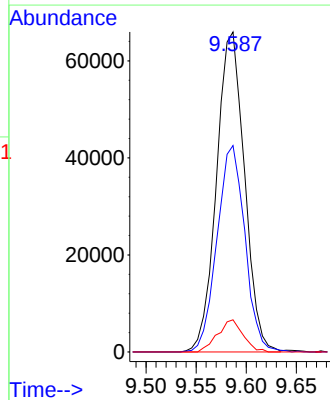
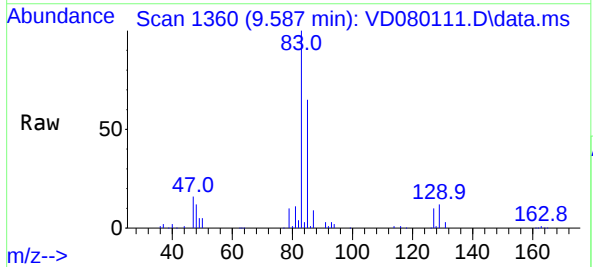
Instrument :
MSVOA_D
ClientSampleId :

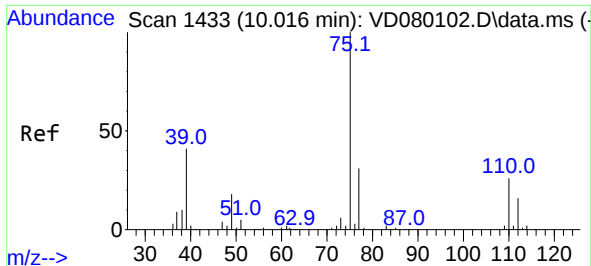
Tgt Ion: 63 Resp: 102845
Ion Ratio Lower Upper
63 100
112 4.8 3.8 5.6



#38
Bromodichloromethane
Concen: 24.379 ug/L
RT: 9.587 min Scan# 1360
Delta R.T. -0.000 min
Lab File: VD080111.D
Acq: 05 Dec 2024 18:18

Tgt Ion: 83 Resp: 127774
Ion Ratio Lower Upper
83 100
85 64.5 46.0 85.4
127 10.1 6.7 10.1





#39

cis-1,3-Dichloropropene

Concen: 23.479 ug/L

RT: 10.016 min Scan# 1433

Delta R.T. -0.000 min

Lab File: VD080111.D

Acq: 05 Dec 2024 18:18

Instrument :

MSVOA_D

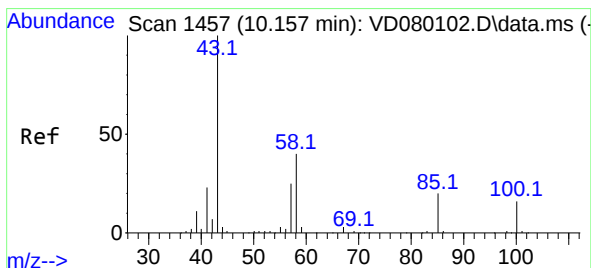
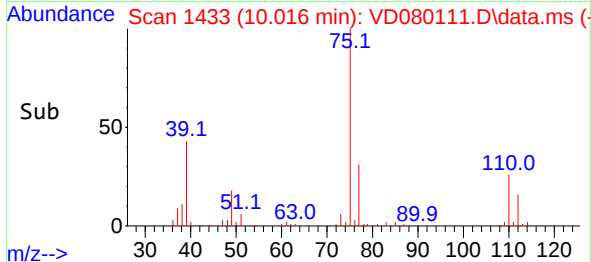
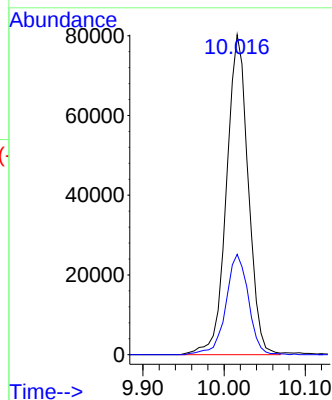
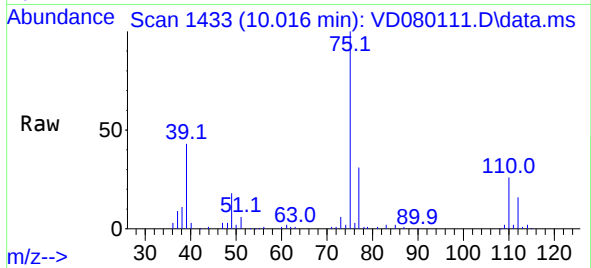
ClientSampleId :

Tgt Ion: 75 Resp: 149145

Ion Ratio Lower Upper

75 100

77 31.3 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 48.488 ug/L

RT: 10.157 min Scan# 1457

Delta R.T. -0.000 min

Lab File: VD080111.D

Acq: 05 Dec 2024 18:18

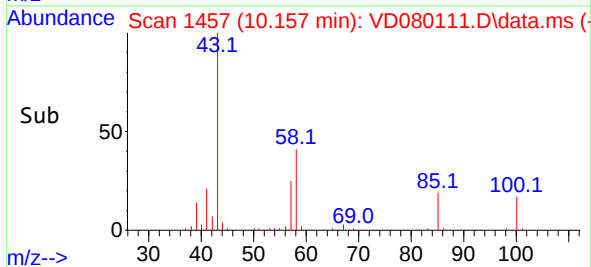
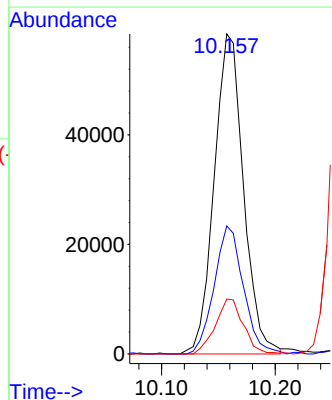
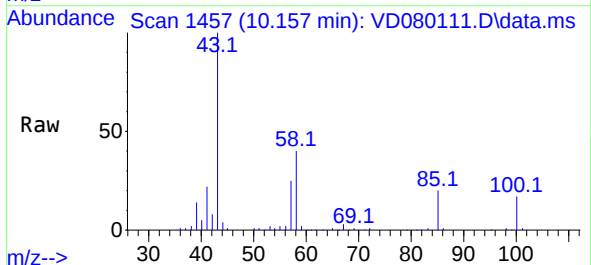
Tgt Ion: 43 Resp: 104515

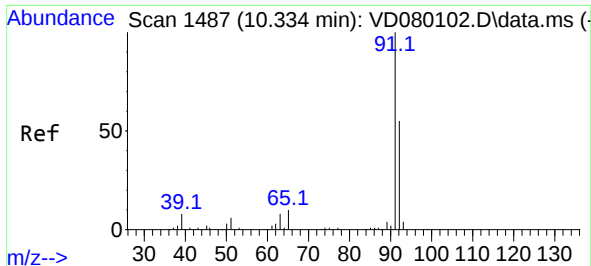
Ion Ratio Lower Upper

43 100

58 39.9 31.5 47.3

100 16.4 12.7 19.1

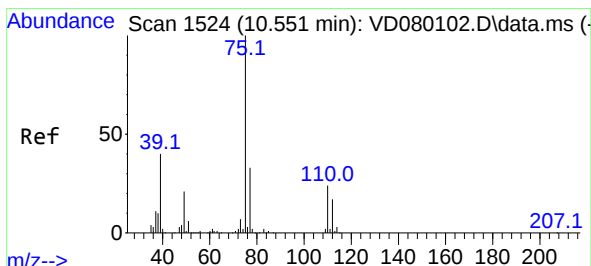
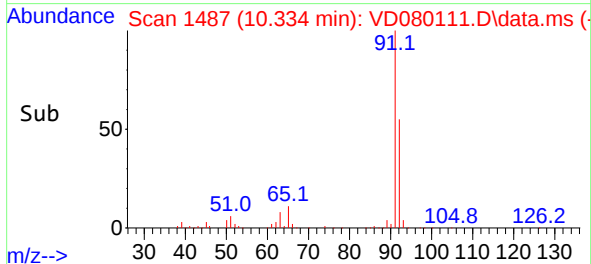
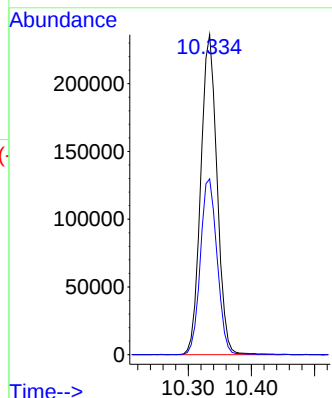
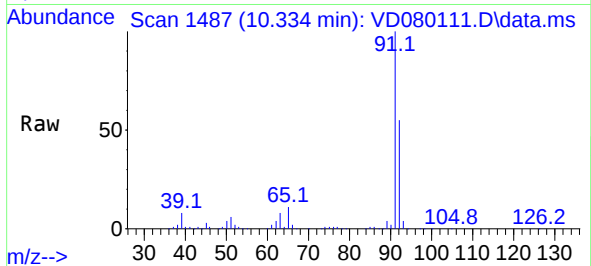




#42
Toluene
Concen: 25.033 ug/L
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD080111.D
Acq: 05 Dec 2024 18:18

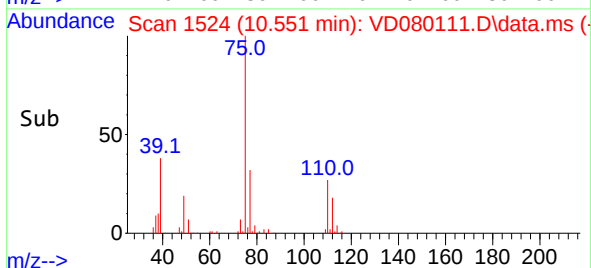
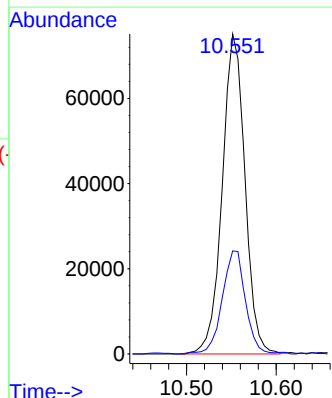
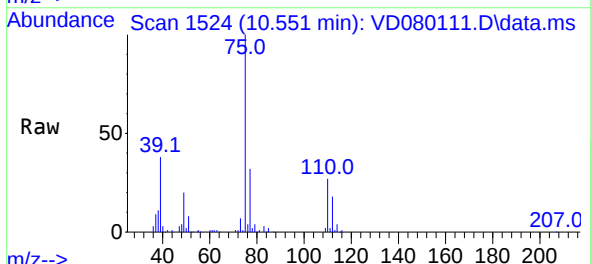
Instrument :
MSVOA_D
ClientSampleId :

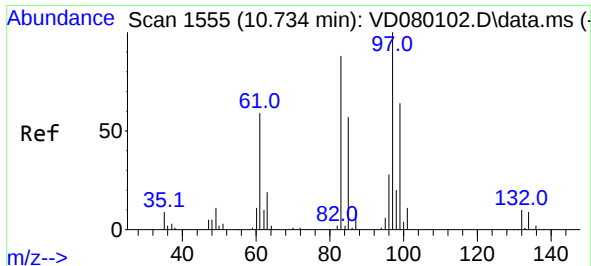
Tgt Ion: 91 Resp: 423741
Ion Ratio Lower Upper
91 100
92 55.0 39.4 73.2



#44
trans-1,3-Dichloropropene
Concen: 24.599 ug/L
RT: 10.551 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VD080111.D
Acq: 05 Dec 2024 18:18

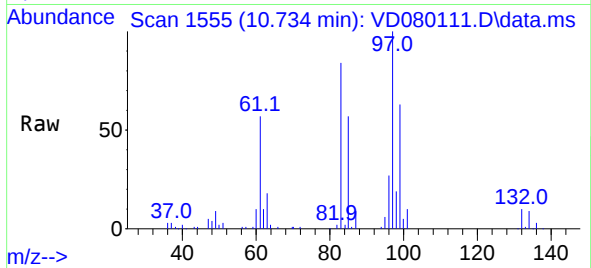
Tgt Ion: 75 Resp: 131979
Ion Ratio Lower Upper
75 100
77 32.2 21.0 39.0





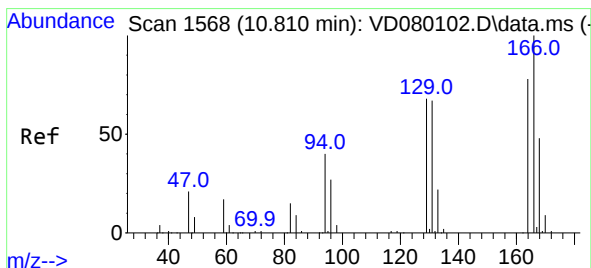
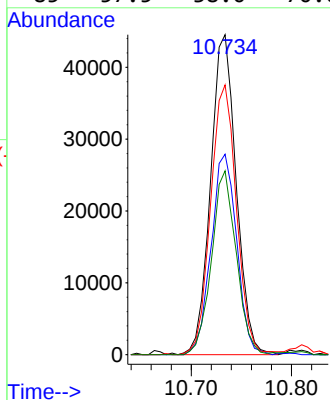
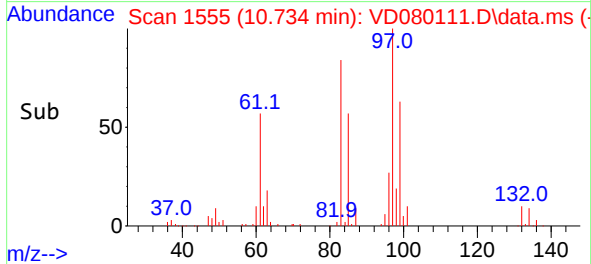
#45
1,1,2-Trichloroethane
Concen: 25.191 ug/L
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD080111.D
Acq: 05 Dec 2024 18:18

Instrument :
MSVOA_D
ClientSampleId :

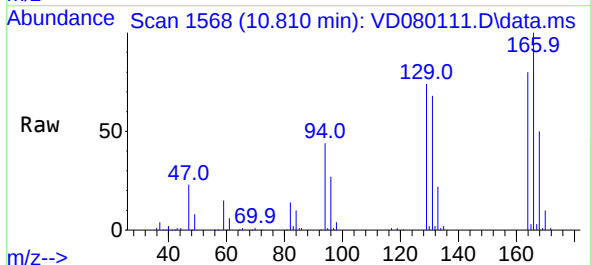


Tgt Ion: 97 Resp: 79168

Ion	Ratio	Lower	Upper
97	100		
99	62.6	45.2	84.0
83	84.3	61.5	114.3
85	57.5	38.0	70.6

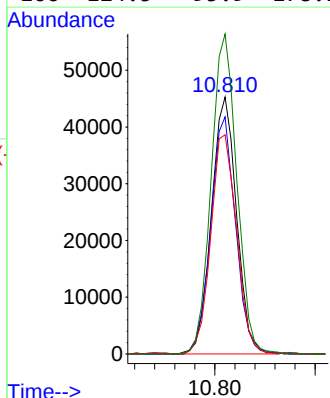
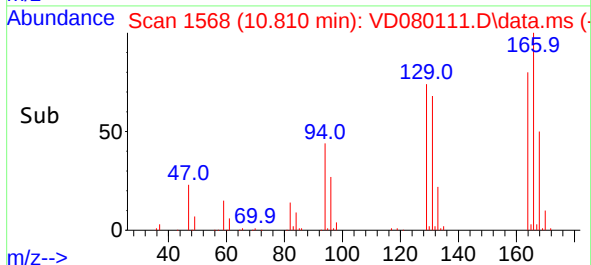


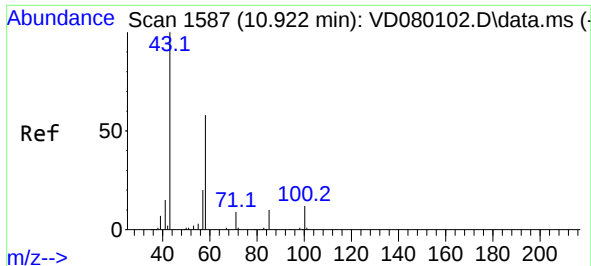
#46
Tetrachloroethene
Concen: 23.404 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD080111.D
Acq: 05 Dec 2024 18:18



Tgt Ion: 164 Resp: 78598

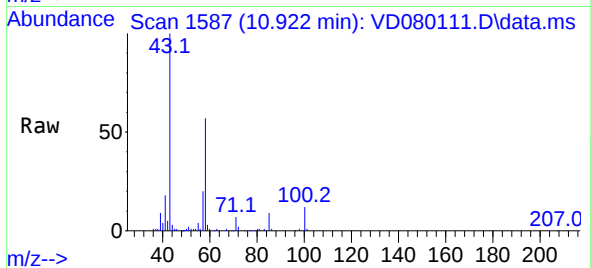
Ion	Ratio	Lower	Upper
164	100		
129	92.3	69.1	128.3
131	85.3	65.4	121.4
166	124.5	95.9	178.1





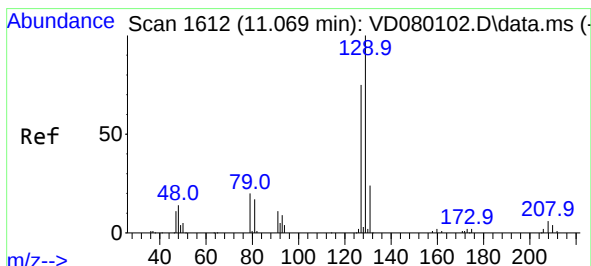
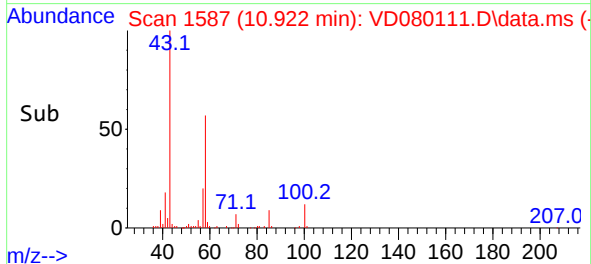
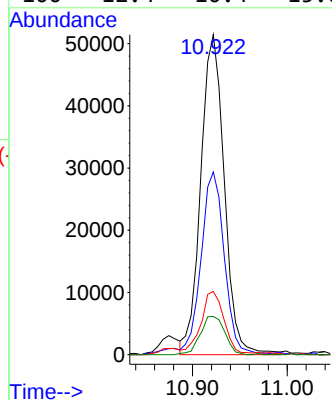
#48
2-Hexanone
Concen: 46.118 ug/L
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD080111.D
Acq: 05 Dec 2024 18:18

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 43 Resp: 89012

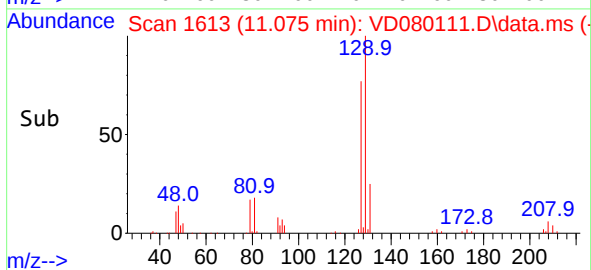
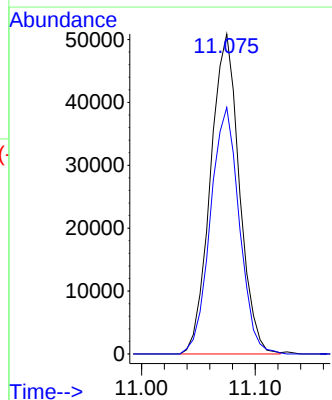
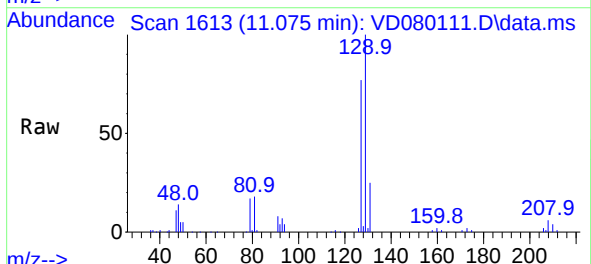
Ion	Ratio	Lower	Upper
43	100		
58	56.2	45.9	68.9
57	18.9	15.2	22.8
100	12.4	10.4	15.6

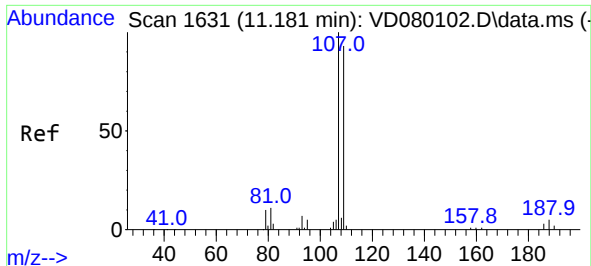


#49
Dibromochloromethane
Concen: 24.808 ug/L
RT: 11.075 min Scan# 1613
Delta R.T. 0.006 min
Lab File: VD080111.D
Acq: 05 Dec 2024 18:18

Tgt Ion: 129 Resp: 89818

Ion	Ratio	Lower	Upper
129	100		
127	77.0	54.9	102.1

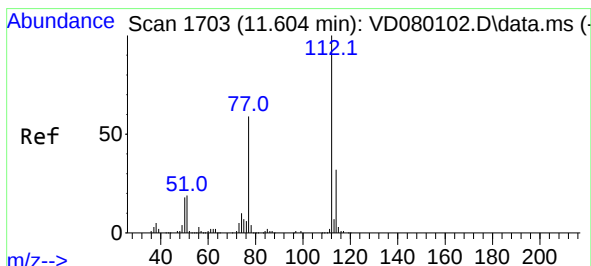
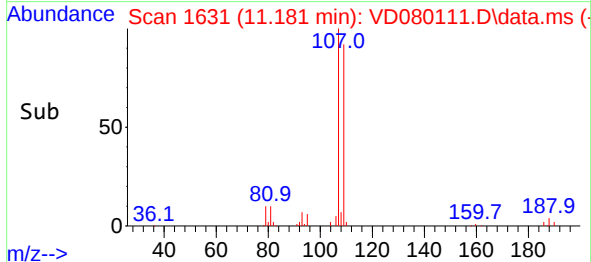
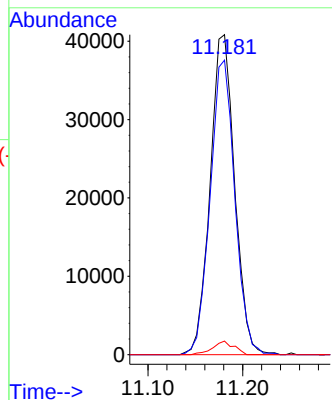
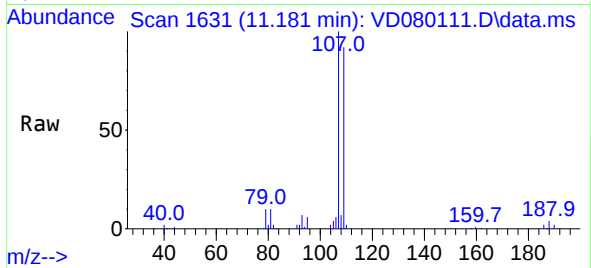




#50
1,2-Dibromoethane
Concen: 25.004 ug/L
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD080111.D
Acq: 05 Dec 2024 18:18

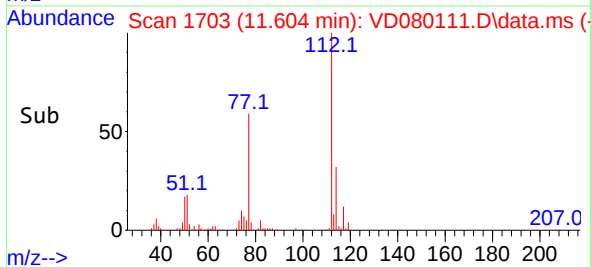
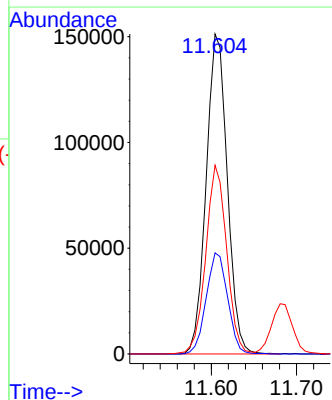
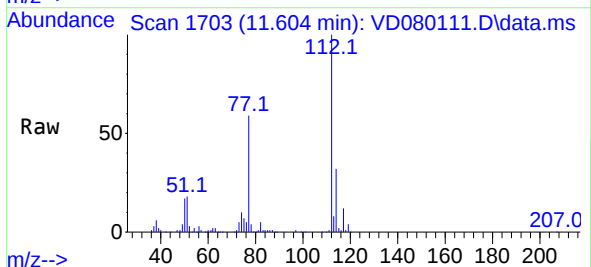
Instrument :
MSVOA_D
ClientSampleId :

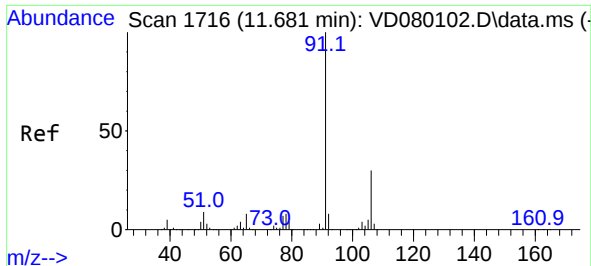
Tgt Ion:107 Resp: 73407
Ion Ratio Lower Upper
107 100
109 92.1 66.6 123.8
188 4.3 2.8 4.2#



#51
Chlorobenzene
Concen: 23.726 ug/L
RT: 11.604 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VD080111.D
Acq: 05 Dec 2024 18:18

Tgt Ion:112 Resp: 260358
Ion Ratio Lower Upper
112 100
114 31.6 21.8 40.4
77 58.9 49.1 73.7

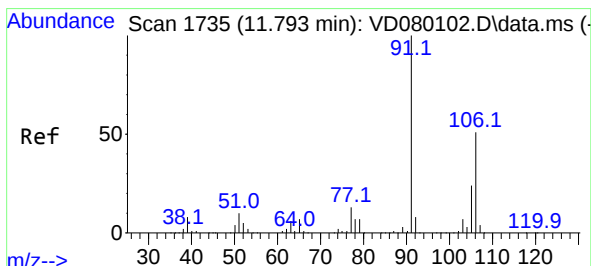
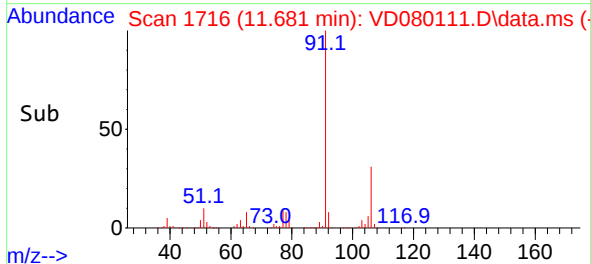
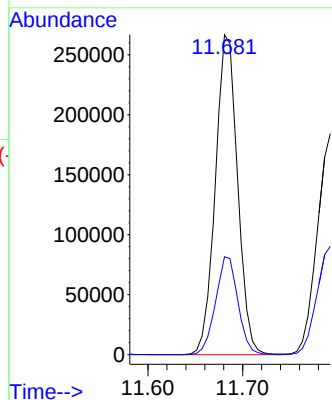
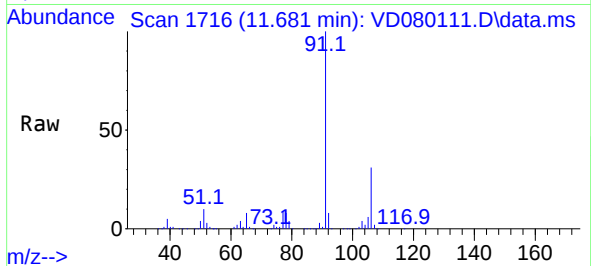




#52
Ethylbenzene
Concen: 23.705 ug/L
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD080111.D
Acq: 05 Dec 2024 18:18

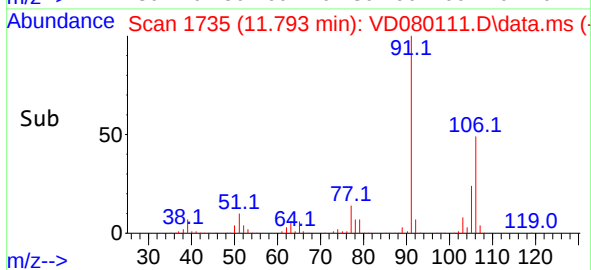
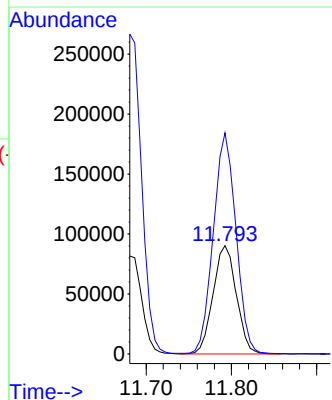
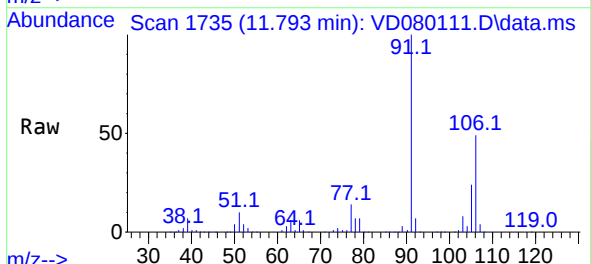
Instrument :
MSVOA_D
ClientSampleId :

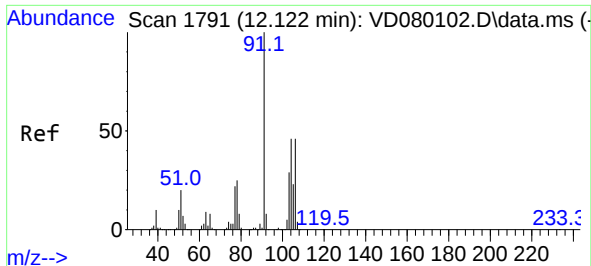
Tgt Ion: 91 Resp: 436154
Ion Ratio Lower Upper
91 100
106 30.6 21.2 39.4



#53
m,p-Xylene
Concen: 24.362 ug/L
RT: 11.793 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD080111.D
Acq: 05 Dec 2024 18:18

Tgt Ion: 106 Resp: 171130
Ion Ratio Lower Upper
106 100
91 204.1 149.3 277.3

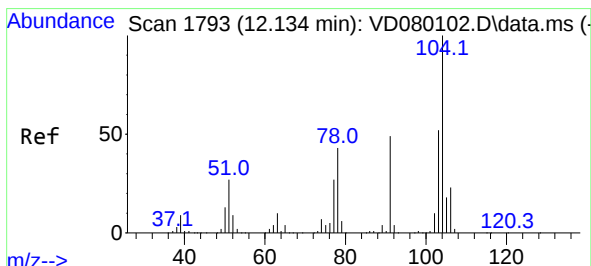
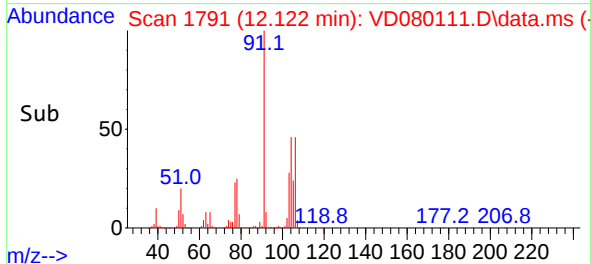
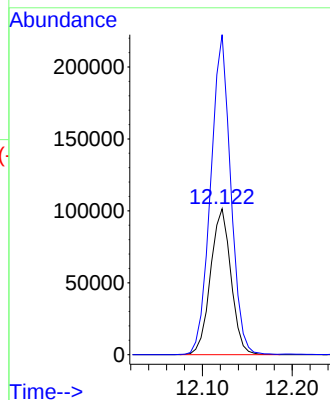
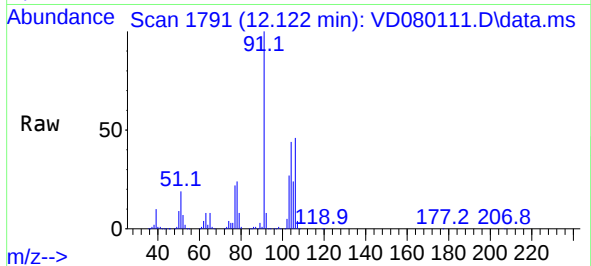




#54
o-Xylene
Concen: 23.698 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD080111.D
Acq: 05 Dec 2024 18:18

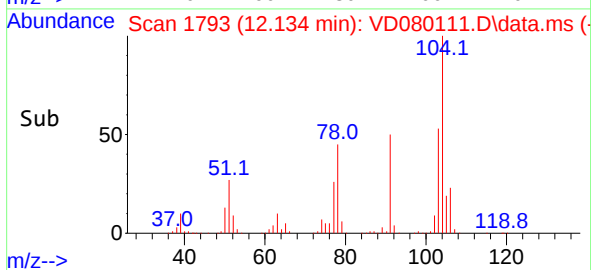
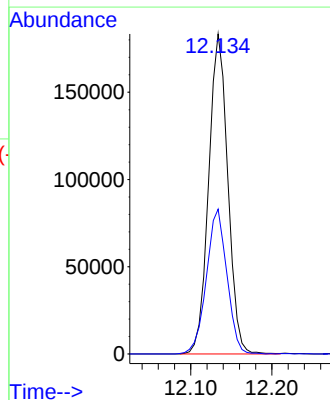
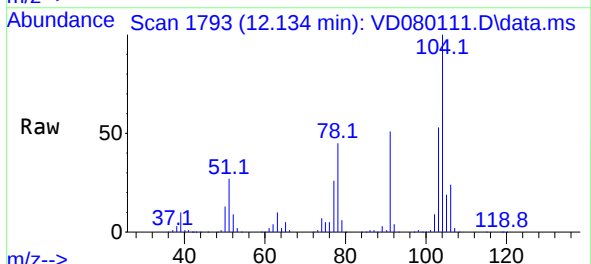
Instrument :
MSVOA_D
ClientSampleId :

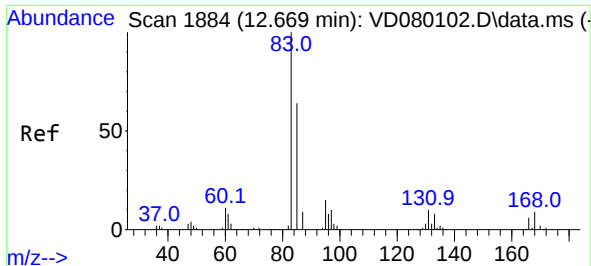
Tgt Ion:106 Resp: 160375
Ion Ratio Lower Upper
106 100
91 219.2 148.0 274.8



#55
Styrene
Concen: 25.141 ug/L
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD080111.D
Acq: 05 Dec 2024 18:18

Tgt Ion:104 Resp: 300398
Ion Ratio Lower Upper
104 100
78 45.3 31.6 58.6

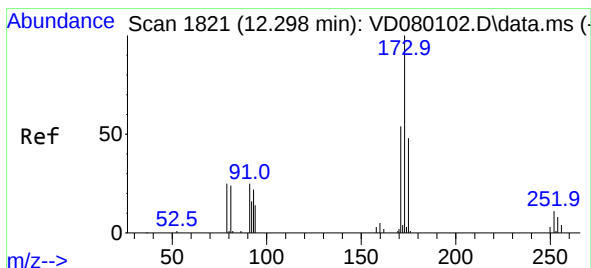
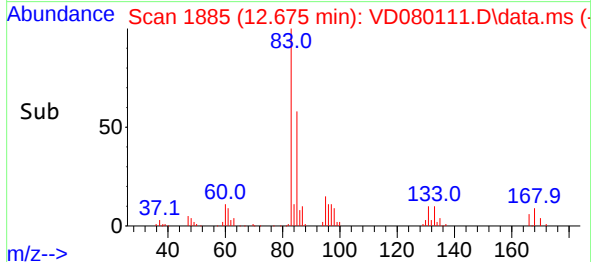
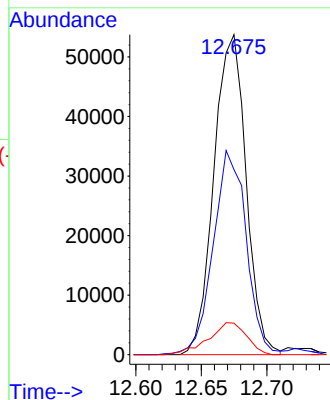
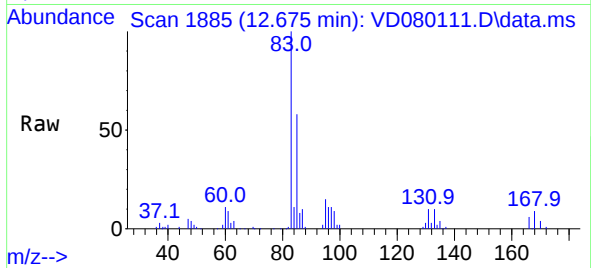




#57
1,1,2,2-Tetrachloroethane
Concen: 25.107 ug/L
RT: 12.675 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD080111.D
Acq: 05 Dec 2024 18:18

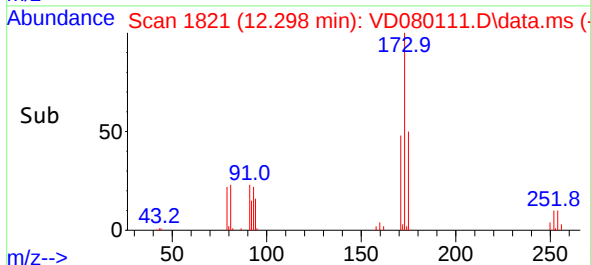
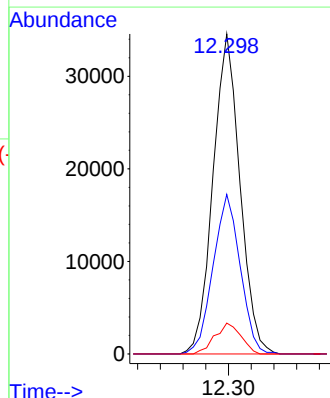
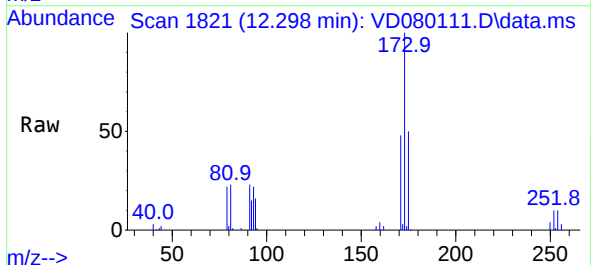
Instrument :
MSVOA_D
ClientSampleId :

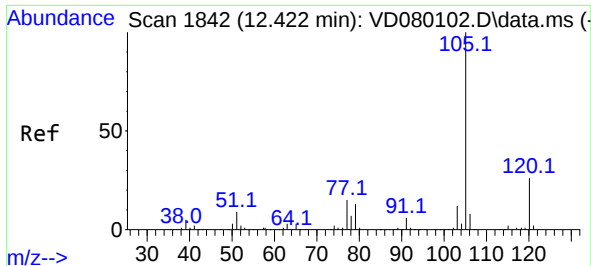
Tgt Ion: 83 Resp: 91877
Ion Ratio Lower Upper
83 100
85 57.9 44.4 82.4
131 9.9 8.6 13.0



#59
Bromoform
Concen: 24.456 ug/L
RT: 12.298 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD080111.D
Acq: 05 Dec 2024 18:18

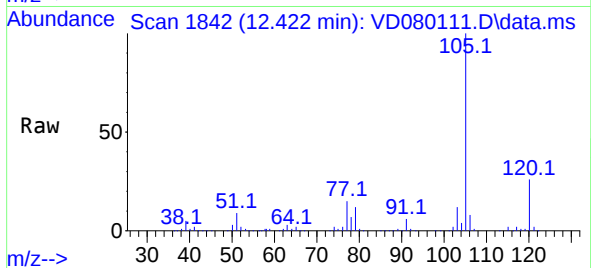
Tgt Ion:173 Resp: 56968
Ion Ratio Lower Upper
173 100
175 50.1 39.0 58.6
254 9.3 8.3 12.5



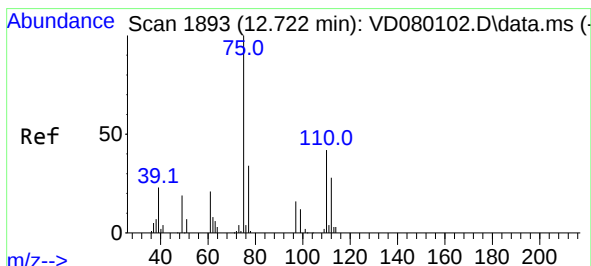
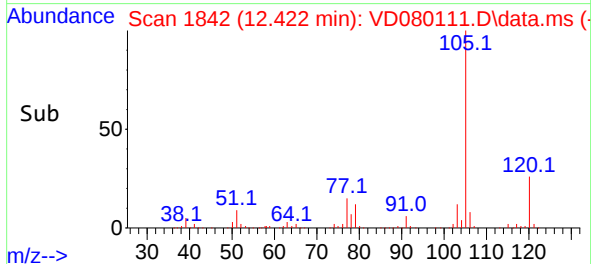
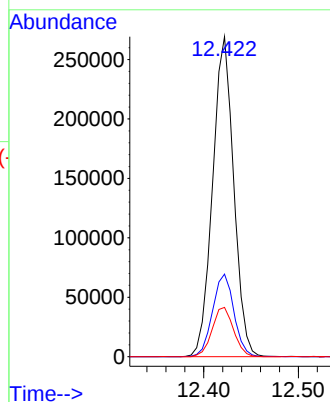


#60
Isopropylbenzene
Concen: 22.592 ug/L
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD080111.D
Acq: 05 Dec 2024 18:18

Instrument :
MSVOA_D
ClientSampleId :

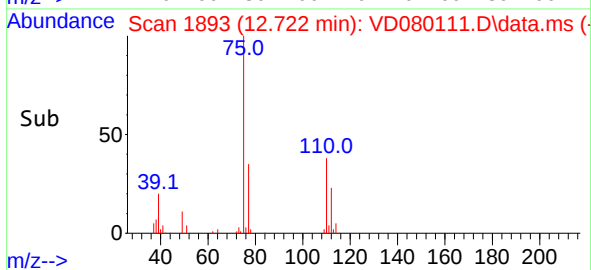
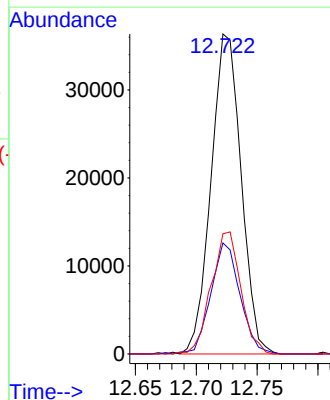
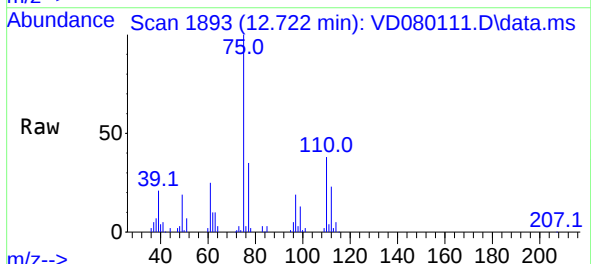


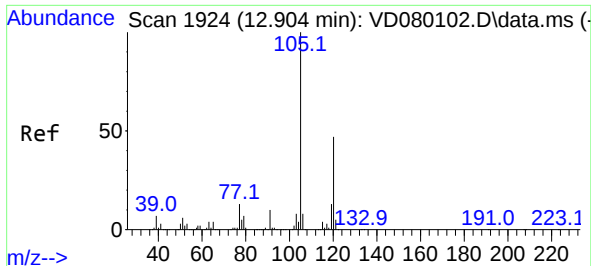
Tgt Ion:105 Resp: 416525
Ion Ratio Lower Upper
105 100
120 26.2 21.3 31.9
77 15.7 12.6 18.8



#61
1,2,3-Trichloropropane
Concen: 23.833 ug/L
RT: 12.722 min Scan# 1893
Delta R.T. -0.000 min
Lab File: VD080111.D
Acq: 05 Dec 2024 18:18

Tgt Ion: 75 Resp: 62576
Ion Ratio Lower Upper
75 100
77 33.3 26.3 39.5
110 37.5 30.2 45.2

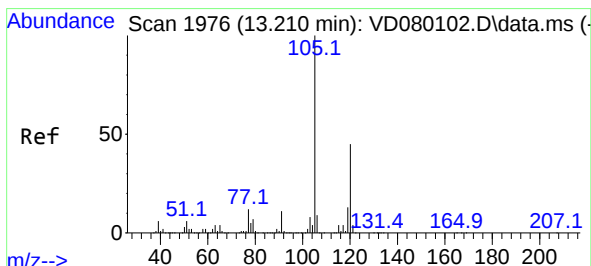
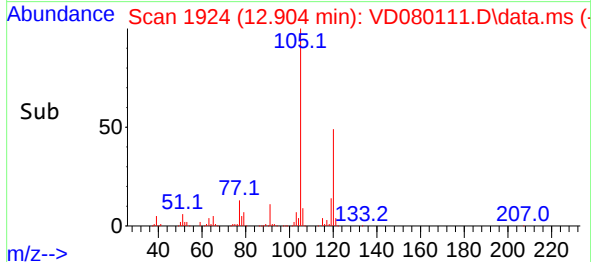
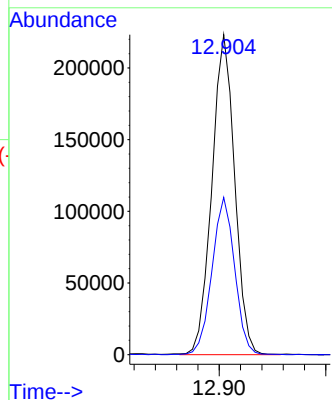
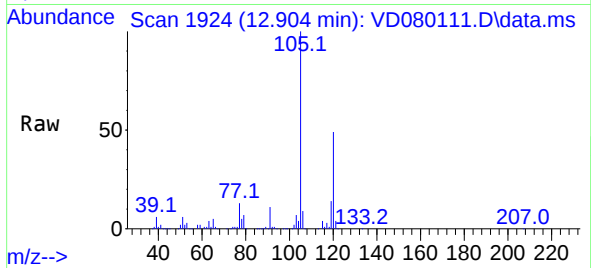




#62
1,3,5-Trimethylbenzene
Concen: 22.742 ug/L
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD080111.D
Acq: 05 Dec 2024 18:18

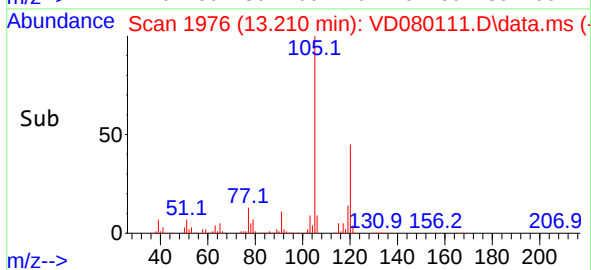
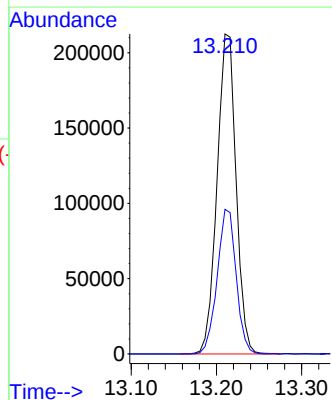
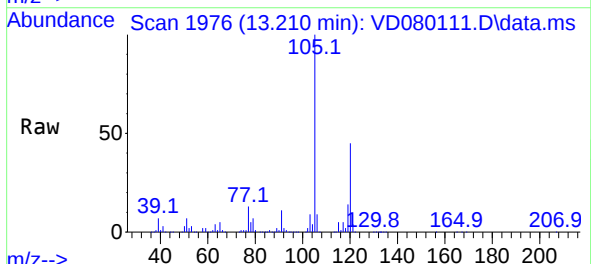
Instrument :
MSVOA_D
ClientSampleId :

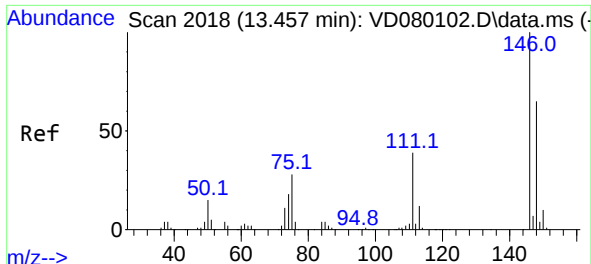
Tgt Ion:105 Resp: 331877
Ion Ratio Lower Upper
105 100
120 48.8 38.8 58.2



#63
1,2,4-Trimethylbenzene
Concen: 22.868 ug/L
RT: 13.210 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VD080111.D
Acq: 05 Dec 2024 18:18

Tgt Ion:105 Resp: 329460
Ion Ratio Lower Upper
105 100
120 45.0 36.8 55.2

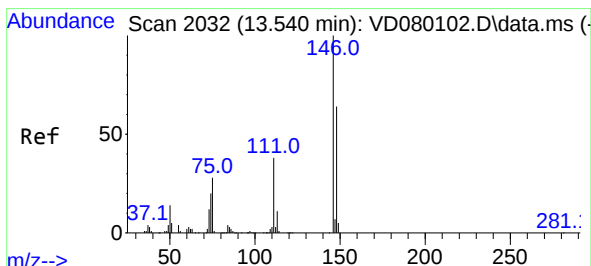
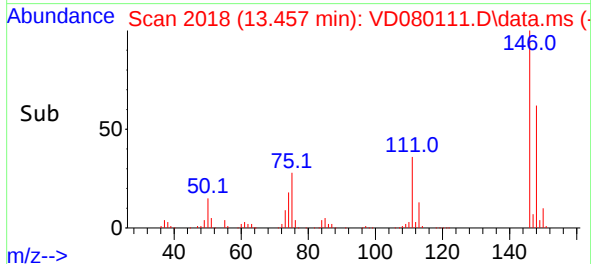
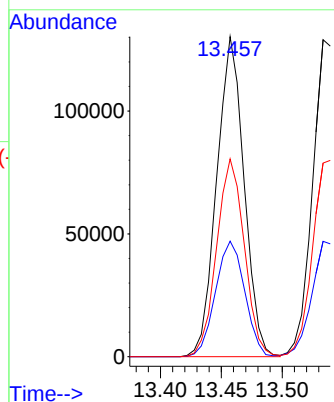
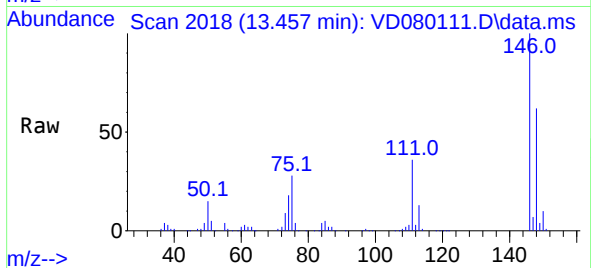




#64
1,3-Dichlorobenzene
Concen: 23.043 ug/L
RT: 13.457 min Scan# 2018
Delta R.T. -0.000 min
Lab File: VD080111.D
Acq: 05 Dec 2024 18:18

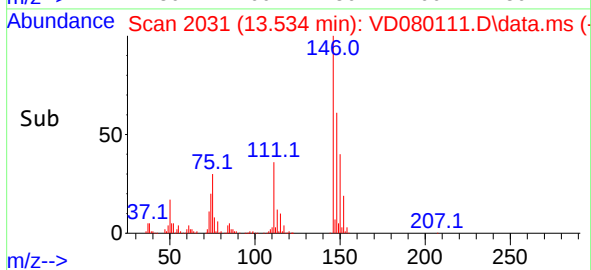
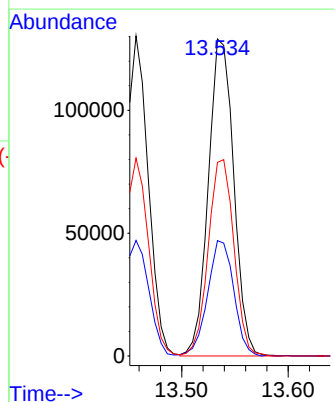
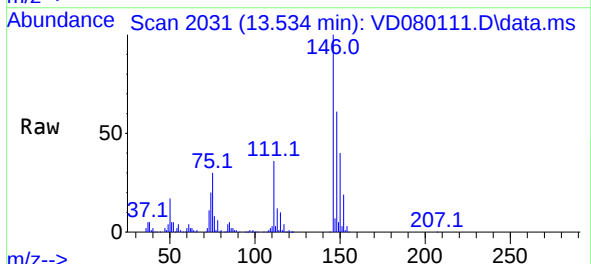
Instrument :
MSVOA_D
ClientSampleId :

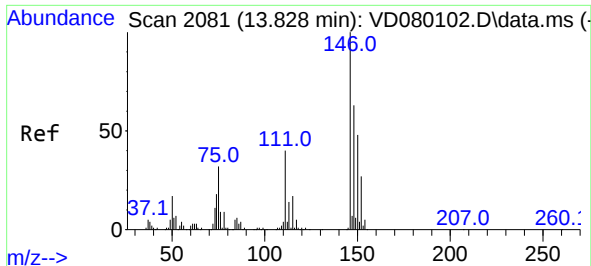
Tgt Ion:146 Resp: 203487
Ion Ratio Lower Upper
146 100
111 36.1 28.2 52.4
148 61.8 44.4 82.4



#65
1,4-Dichlorobenzene
Concen: 23.607 ug/L
RT: 13.534 min Scan# 2031
Delta R.T. -0.006 min
Lab File: VD080111.D
Acq: 05 Dec 2024 18:18

Tgt Ion:146 Resp: 214029
Ion Ratio Lower Upper
146 100
111 36.4 26.2 48.8
148 61.1 46.1 85.5





#67

1,2-Dichlorobenzene

Concen: 23.375 ug/L

RT: 13.828 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VD080111.D

Acq: 05 Dec 2024 18:18

Instrument :

MSVOA_D

ClientSampleId :

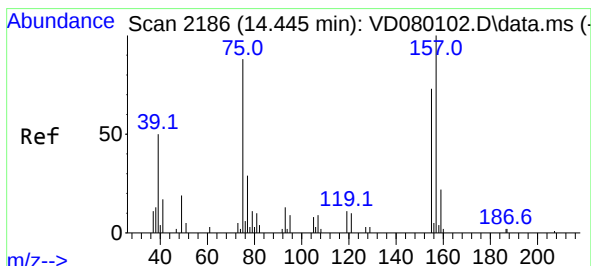
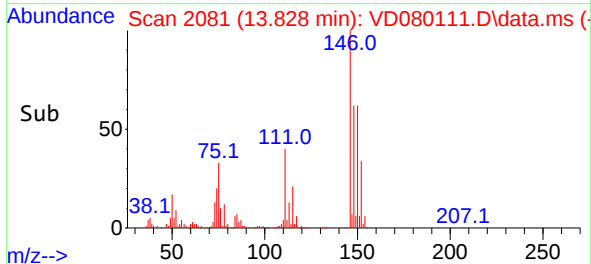
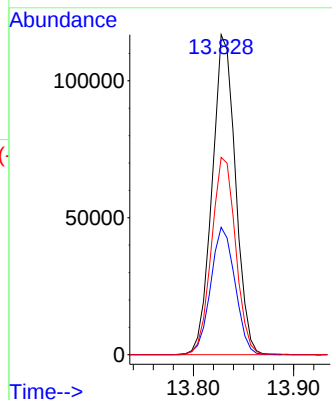
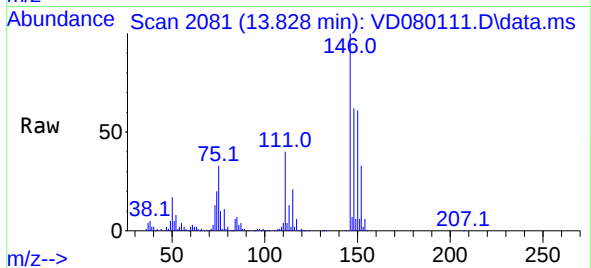
Tgt Ion:146 Resp: 188255

Ion Ratio Lower Upper

146 100

111 39.8 33.0 49.6

148 61.7 51.0 76.4



#68

1,2-Dibromo-3-chloropropane

Concen: 22.819 ug/L

RT: 14.445 min Scan# 2186

Delta R.T. -0.000 min

Lab File: VD080111.D

Acq: 05 Dec 2024 18:18

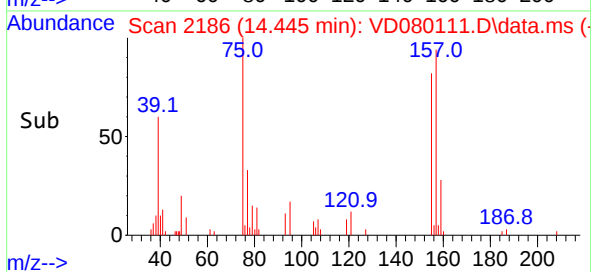
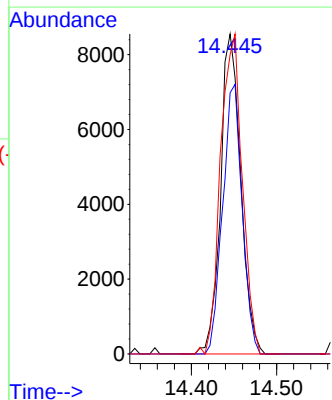
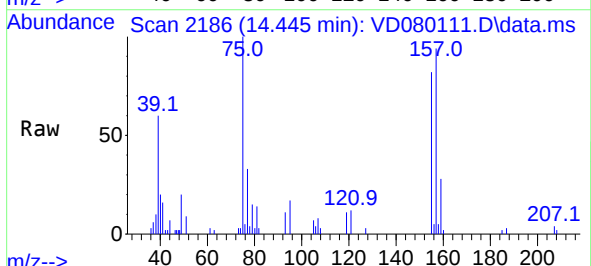
Tgt Ion: 75 Resp: 14039

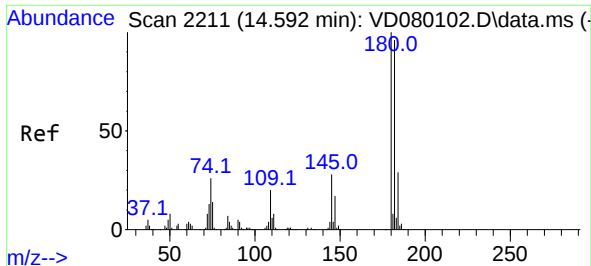
Ion Ratio Lower Upper

75 100

155 81.6 68.7 103.1

157 93.5 79.4 119.2





#69

1,3,5-Trichlorobenzene

Concen: 21.915 ug/L

RT: 14.592 min Scan# 21

Delta R.T. -0.000 min

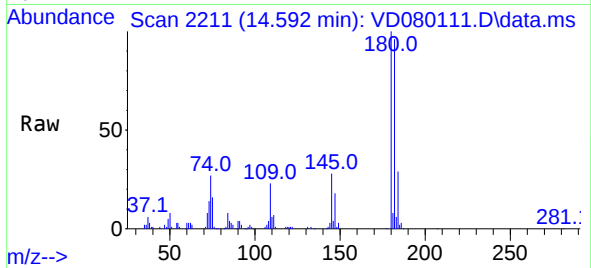
Lab File: VD080111.D

Acq: 05 Dec 2024 18:18

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:180 Resp: 132568

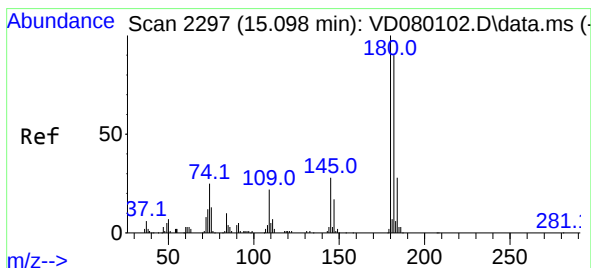
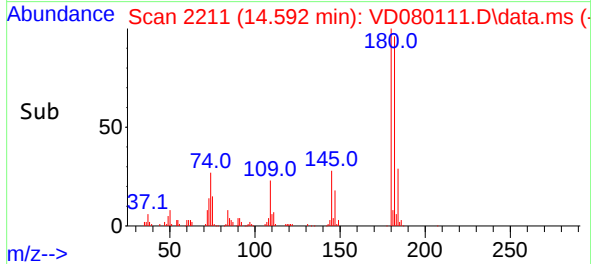
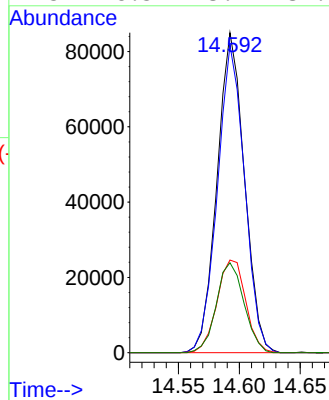
Ion Ratio Lower Upper

180 100

182 95.4 75.8 113.6

184 30.5 24.6 36.8

145 28.5 23.1 34.7



#70

1,2,4-trichlorobenzene

Concen: 22.291 ug/L

RT: 15.098 min Scan# 2297

Delta R.T. -0.000 min

Lab File: VD080111.D

Acq: 05 Dec 2024 18:18

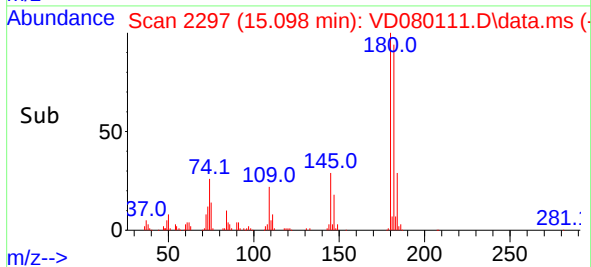
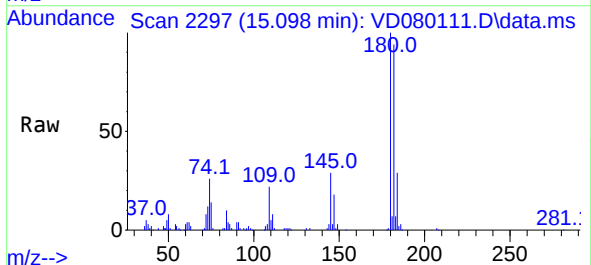
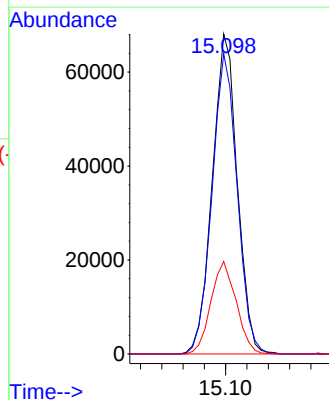
Tgt Ion:180 Resp: 110795

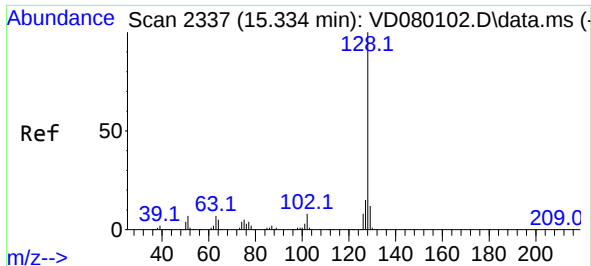
Ion Ratio Lower Upper

180 100

182 94.4 75.9 113.9

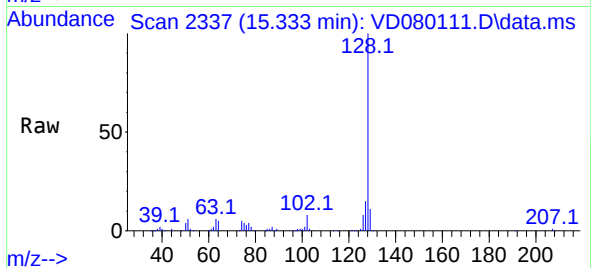
145 29.4 23.0 34.4



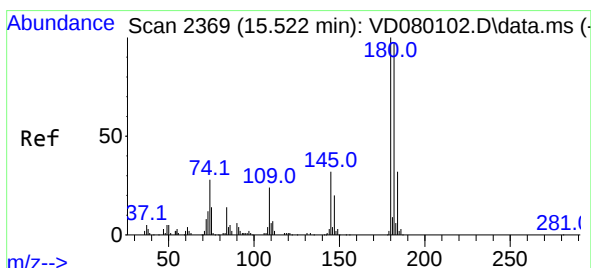
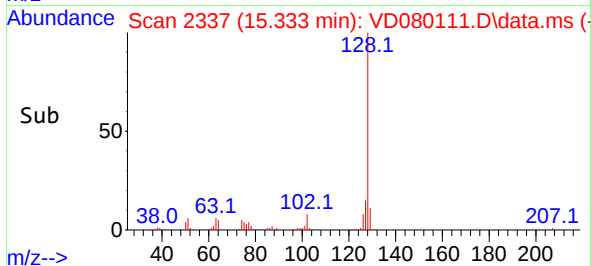
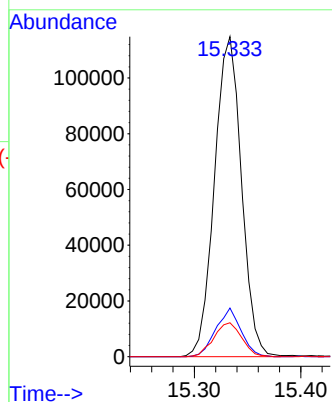


#71
Naphthalene
Concen: 21.885 ug/L
RT: 15.333 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD080111.D
Acq: 05 Dec 2024 18:18

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion:128 Resp: 201736
Ion Ratio Lower Upper
128 100
127 14.2 11.0 16.6
129 11.0 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 22.175 ug/L
RT: 15.522 min Scan# 2369
Delta R.T. -0.000 min
Lab File: VD080111.D
Acq: 05 Dec 2024 18:18

Tgt Ion:180 Resp: 101529
Ion Ratio Lower Upper
180 100
182 95.7 75.8 113.8
145 32.7 24.9 37.3

