

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020124\
 Data File : VD078296.D
 Acq On : 31 Jan 2024 17:40
 Operator : RP/MD
 Sample : VSTD025
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Feb 01 04:00:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM020124SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Feb 01 03:57:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	218482	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	208805	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	99772	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	154722	25.095	ug/L	0.00
7) Chloroethane-d5	2.799	69	124088	25.108	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.917	65	32780	21.060	ug/L	0.00
21) 2-Butanone-d5	6.987	46	41578	52.129	ug/L	0.00
24) Chloroform-d	7.569	84	152076	25.077	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.234	65	79506	25.731	ug/L	0.00
32) Benzene-d6	8.205	84	304499	23.886	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.210	67	89918	23.183	ug/L	0.00
41) Toluene-d8	10.269	98	277775	23.799	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.528	79	41905	24.163	ug/L	0.00
47) 2-Hexanone-d5	10.875	63	39947	56.391	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.651	84	84823	28.458	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.816	152	84985	23.403	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	108411	29.210	ug/L	100
3) Chloromethane	2.152	50	159085	29.742	ug/L	100
5) Vinyl chloride	2.281	62	191975	29.063	ug/L	100
6) Bromomethane	2.687	94	83645	24.636	ug/L	100
8) Chloroethane	2.834	64	122532	29.551	ug/L	100
9) Trichlorofluoromethane	3.170	101	141722	25.777	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	3.969	101	85500	26.377	ug/L	100
12) 1,1-Dichloroethene	3.940	96	79301	25.906	ug/L	100
13) Acetone	4.028	43	66643	63.366	ug/L	100
14) Carbon disulfide	4.269	76	292543	26.912	ug/L	100
15) Methyl Acetate	4.569	43	42447	28.534	ug/L	100
16) Methylene chloride	4.805	84	97376	24.110	ug/L	100
17) trans-1,2-Dichloroethene	5.311	96	89563	27.655	ug/L	100
18) Methyl tert-butyl Ether	5.328	73	201863	27.906	ug/L	100
19) 1,1-Dichloroethane	6.111	63	155627	25.921	ug/L	100
20) cis-1,2-Dichloroethene	7.087	96	97719	27.154	ug/L	100
22) 2-Butanone	7.087	43	76777	64.200	ug/L	100
23) Bromochloromethane	7.428	128	44067	28.758	ug/L	100
25) Chloroform	7.599	83	165483	27.494	ug/L	100
27) 1,2-Dichloroethane	8.328	62	105442	27.865	ug/L	100
29) Cyclohexane	7.881	56	128049	23.434	ug/L	100
30) 1,1,1-Trichloroethane	7.793	97	133031	25.460	ug/L	100
31) Carbon tetrachloride	7.987	117	116497	25.515	ug/L	100
33) Benzene	8.252	78	373605	26.642	ug/L	100
34) Trichloroethene	9.028	95	91638	26.440	ug/L	100
35) Methylcyclohexane	9.275	83	145512	24.191	ug/L	100
37) 1,2-Dichloropropane	9.304	63	95101	26.150	ug/L	100
38) Bromodichloromethane	9.587	83	123843	27.452	ug/L	100
39) cis-1,3-Dichloropropene	10.016	75	149879	26.249	ug/L	100
40) 4-Methyl-2-pentanone	10.157	43	123019	58.363	ug/L	100
42) Toluene	10.334	91	390681	26.372	ug/L	100
44) trans-1,3-Dichloropropene	10.551	75	132506	27.449	ug/L	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020124\
 Data File : VD078296.D
 Acq On : 31 Jan 2024 17:40
 Operator : RP/MD
 Sample : VSTD025
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Feb 01 04:00:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM020124SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Feb 01 03:57:47 2024
 Response via : Initial Calibration

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

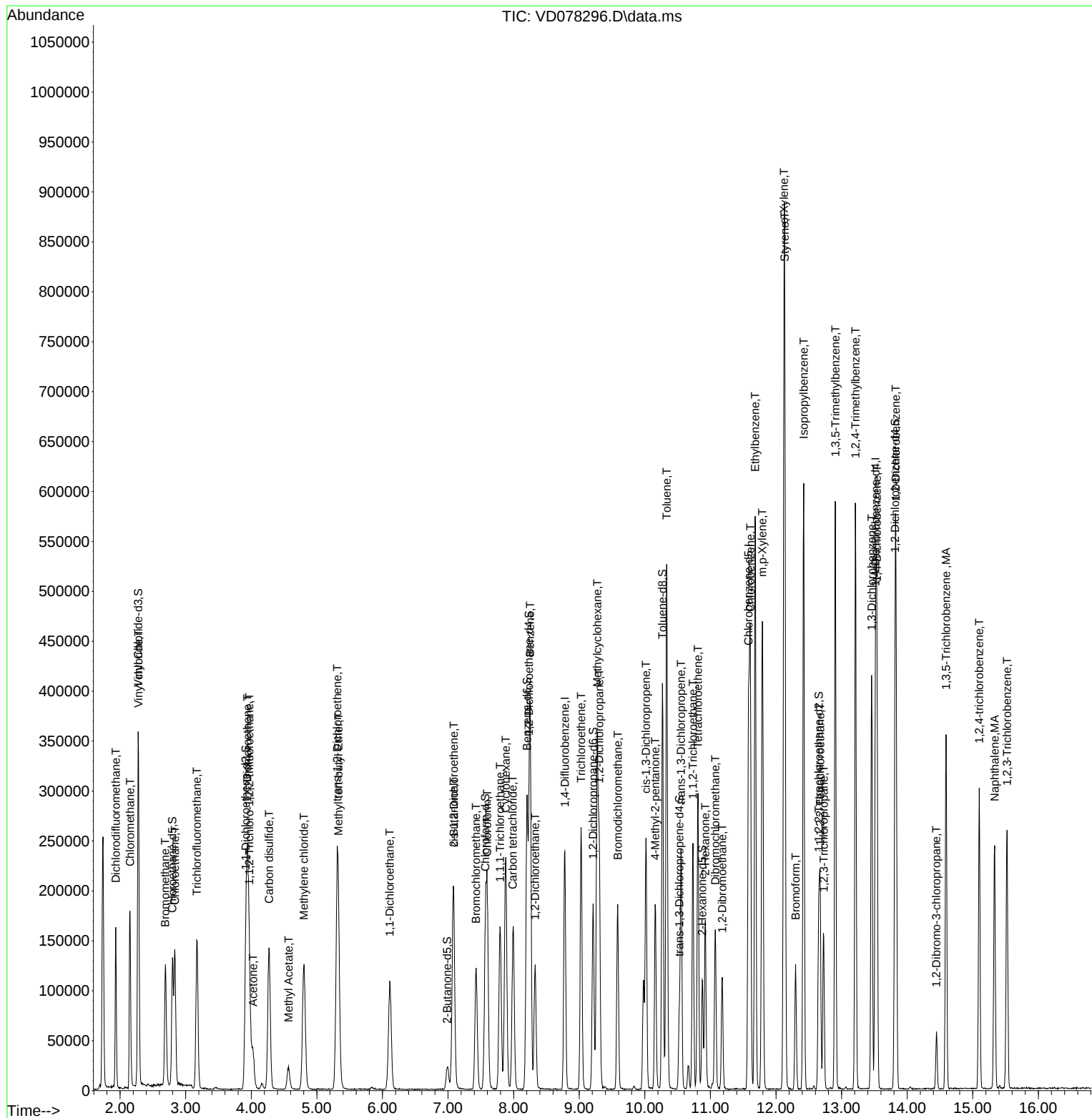
45) 1,1,2-Trichloroethane	10.734	97	78287	30.456	ug/L	100
46) Tetrachloroethene	10.810	164	61721	22.822	ug/L	100
48) 2-Hexanone	10.922	43	106539	60.129	ug/L	100
49) Dibromochloromethane	11.075	129	85635	28.418	ug/L	100
50) 1,2-Dibromoethane	11.181	107	74990	30.192	ug/L	100
51) Chlorobenzene	11.610	112	243316	26.385	ug/L	100
52) Ethylbenzene	11.681	91	414507	25.409	ug/L	100
53) m,p-Xylene	11.793	106	156434	25.388	ug/L	100
54) o-Xylene	12.122	106	151736	25.683	ug/L	100
55) Styrene	12.134	104	276574	26.575	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.675	83	97974	31.566	ug/L	100
59) Bromoform	12.298	173	49884	28.434	ug/L	100
60) Isopropylbenzene	12.422	105	391571	25.780	ug/L	100
61) 1,2,3-Trichloropropane	12.728	75	64789	31.734	ug/L	100
62) 1,3,5-Trimethylbenzene	12.904	105	301117	26.256	ug/L	100
63) 1,2,4-Trimethylbenzene	13.210	105	304858	26.227	ug/L	100
64) 1,3-Dichlorobenzene	13.457	146	167436	25.408	ug/L	100
65) 1,4-Dichlorobenzene	13.540	146	178555	25.945	ug/L	100
67) 1,2-Dichlorobenzene	13.828	146	159471	26.569	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.445	75	13237	28.273	ug/L	100
69) 1,3,5-Trichlorobenzene	14.592	180	102956	23.339	ug/L	100
70) 1,2,4-trichlorobenzene	15.098	180	85417	22.768	ug/L	100
71) Naphthalene	15.334	128	207871	28.524	ug/L	100
72) 1,2,3-Trichlorobenzene	15.522	180	81948	24.489	ug/L	100

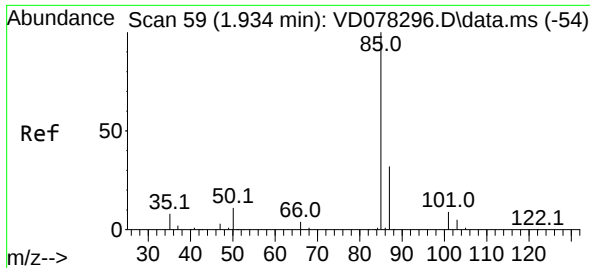
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD078296.D
 Data File : VD078296.D
 Acq On : 31 Jan 2024 17:40
 Operator : RP/MD
 Sample : VSTD025
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Feb 01 04:00:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM020124SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Feb 01 03:57:47 2024
 Response via : Initial Calibration

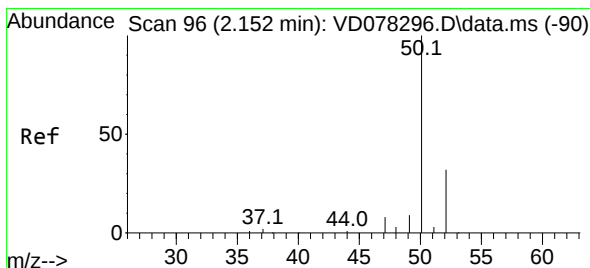
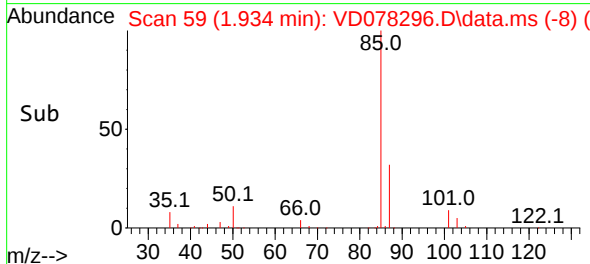
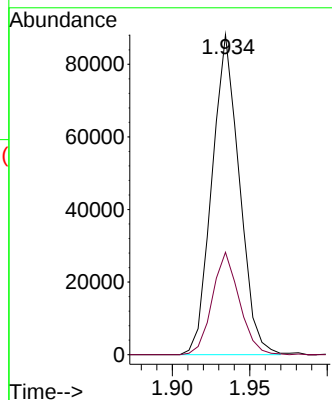
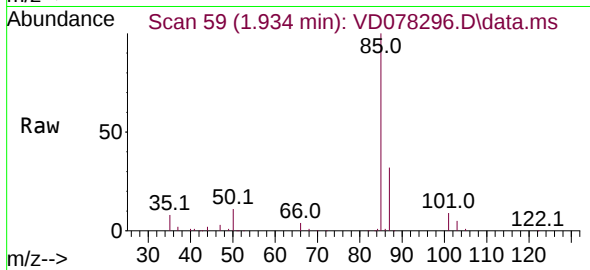




#2
 Dichlorodifluoromethane
 Concen: 29.210 ug/L
 RT: 1.934 min Scan# 59
 Delta R.T. 0.000 min
 Lab File: VD078296.D
 Acq: 31 Jan 2024 17:40

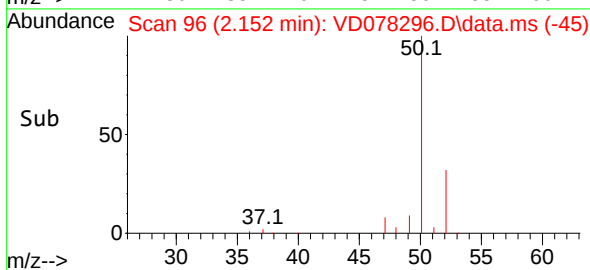
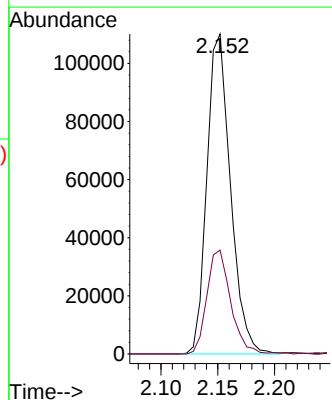
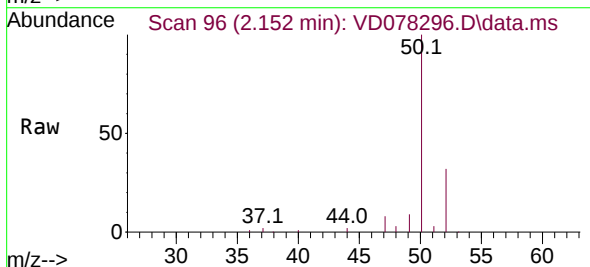
Instrument :
 MSVOA_D
 ClientSampleId :

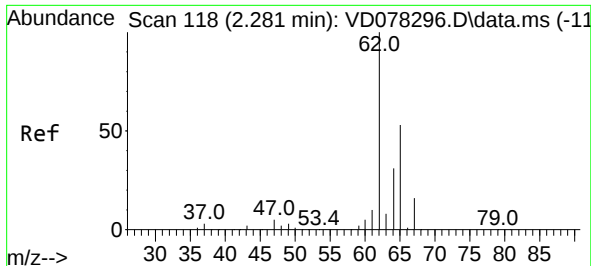
Tgt Ion: 85 Resp: 108411
 Ion Ratio Lower Upper
 85 100
 87 31.6 25.3 37.9



#3
 Chloromethane
 Concen: 29.742 ug/L
 RT: 2.152 min Scan# 96
 Delta R.T. 0.000 min
 Lab File: VD078296.D
 Acq: 31 Jan 2024 17:40

Tgt Ion: 50 Resp: 159085
 Ion Ratio Lower Upper
 50 100
 52 32.5 22.7 42.3

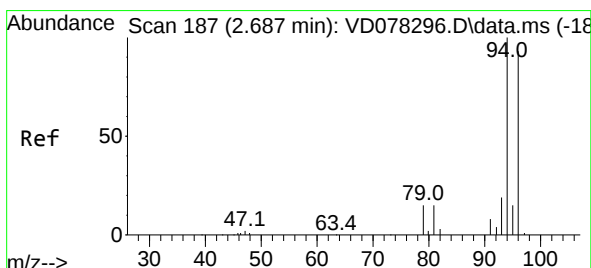
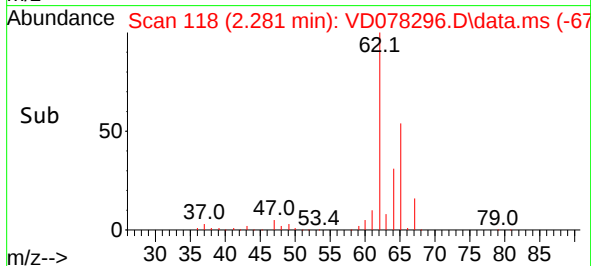
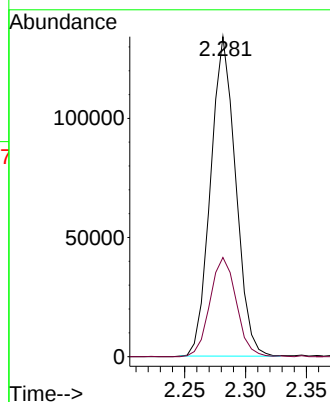
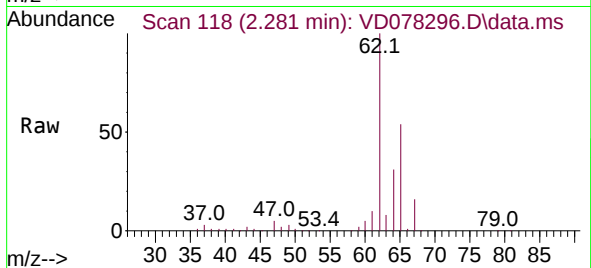




#5
 Vinyl chloride
 Concen: 29.063 ug/L
 RT: 2.281 min Scan# 118
 Delta R.T. 0.000 min
 Lab File: VD078296.D
 Acq: 31 Jan 2024 17:40

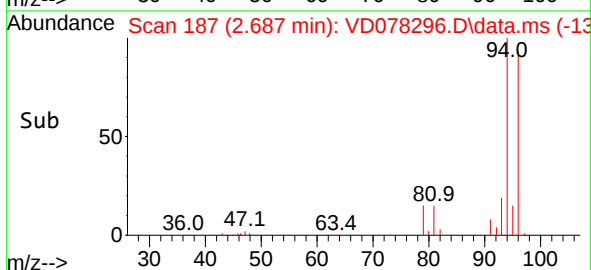
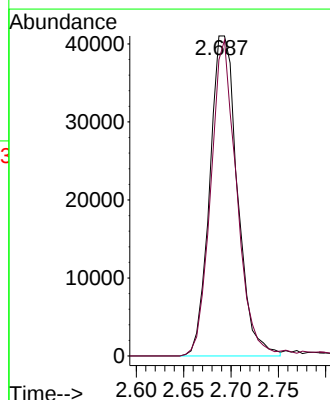
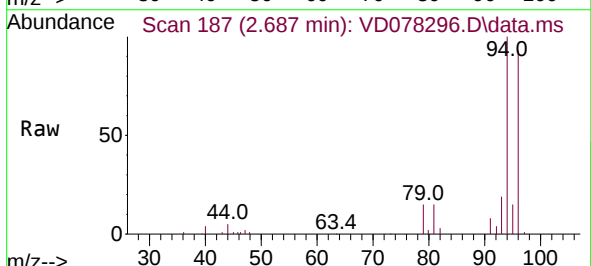
Instrument :
 MSVOA_D
 ClientSampleId :

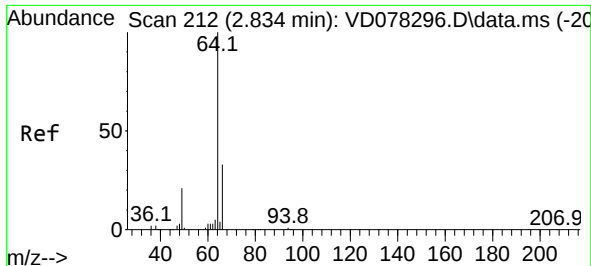
Tgt Ion: 62 Resp: 191975
 Ion Ratio Lower Upper
 62 100
 64 31.0 21.7 40.3



#6
 Bromomethane
 Concen: 24.636 ug/L
 RT: 2.687 min Scan# 187
 Delta R.T. 0.000 min
 Lab File: VD078296.D
 Acq: 31 Jan 2024 17:40

Tgt Ion: 94 Resp: 83645
 Ion Ratio Lower Upper
 94 100
 96 92.6 64.8 120.4

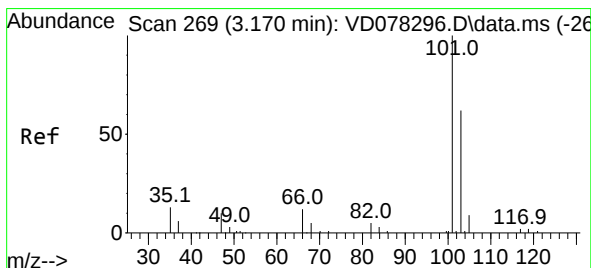
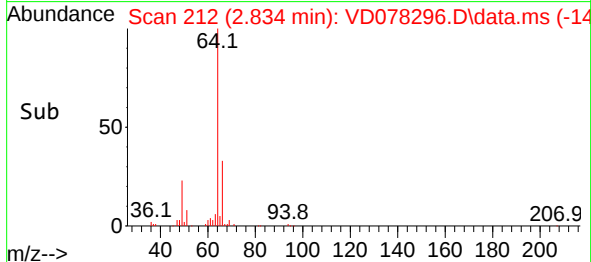
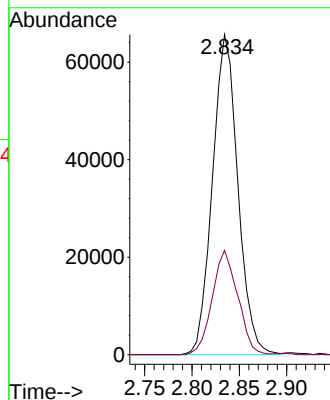
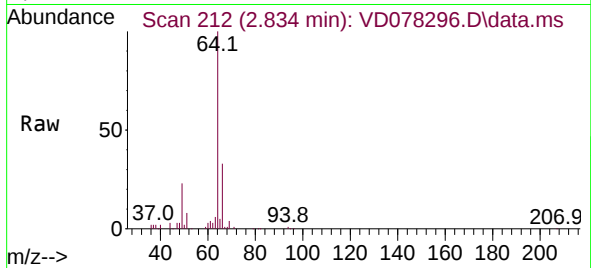




#8
Chloroethane
Concen: 29.551 ug/L
RT: 2.834 min Scan# 212
Delta R.T. 0.000 min
Lab File: VD078296.D
Acq: 31 Jan 2024 17:40

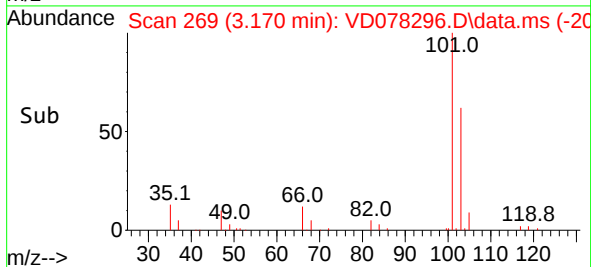
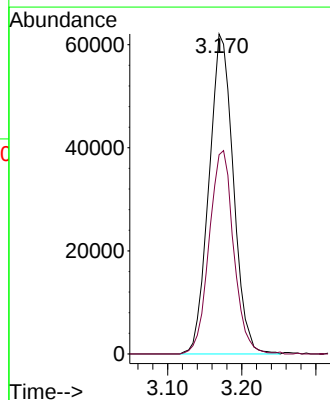
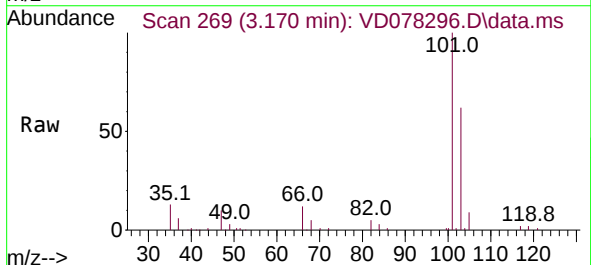
Instrument :
MSVOA_D
ClientSampleId :

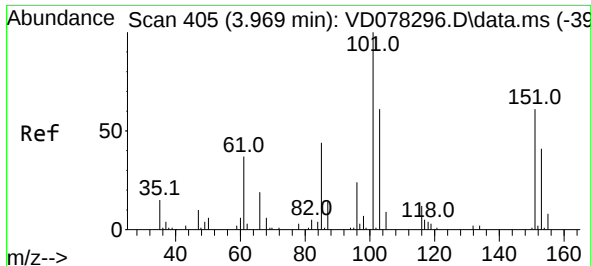
Tgt Ion: 64 Resp: 122532
Ion Ratio Lower Upper
64 100
66 32.6 22.8 42.4



#9
Trichlorofluoromethane
Concen: 25.777 ug/L
RT: 3.170 min Scan# 269
Delta R.T. 0.000 min
Lab File: VD078296.D
Acq: 31 Jan 2024 17:40

Tgt Ion: 101 Resp: 141722
Ion Ratio Lower Upper
101 100
103 63.9 51.1 76.7

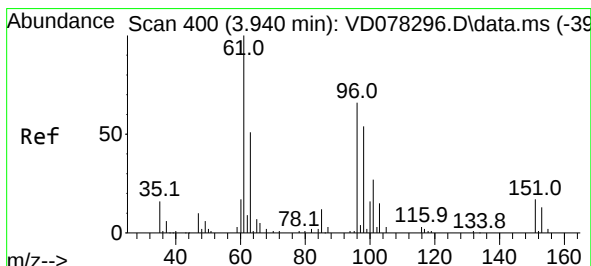
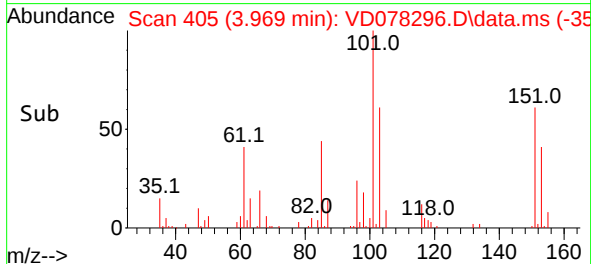
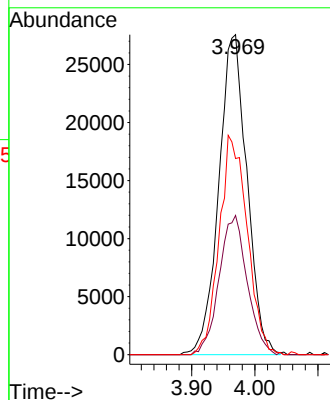
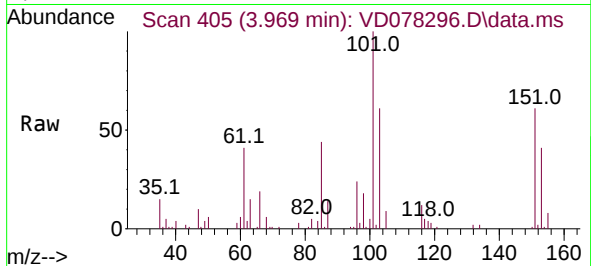




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 26.377 ug/L
 RT: 3.969 min Scan# 405
 Delta R.T. 0.000 min
 Lab File: VD078296.D
 Acq: 31 Jan 2024 17:40

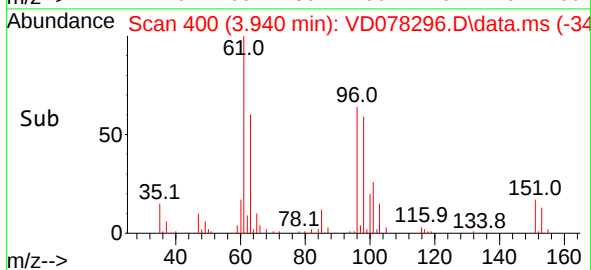
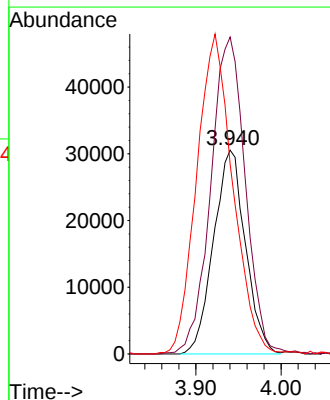
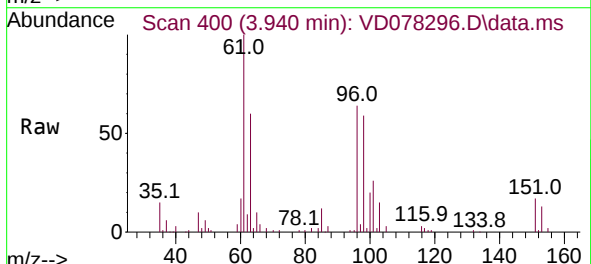
Instrument :
 MSVOA_D
 ClientSampleId :

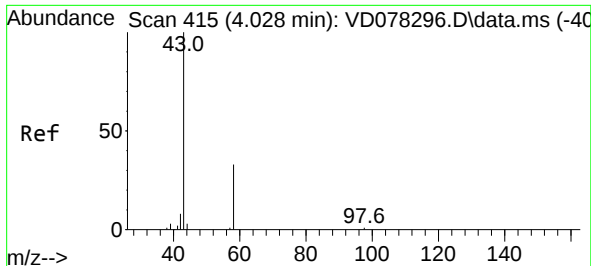
Tgt Ion:101 Resp: 85500
 Ion Ratio Lower Upper
 101 100
 85 43.2 34.6 51.8
 151 68.2 54.6 81.8



#12
 1,1-Dichloroethene
 Concen: 25.906 ug/L
 RT: 3.940 min Scan# 400
 Delta R.T. 0.000 min
 Lab File: VD078296.D
 Acq: 31 Jan 2024 17:40

Tgt Ion: 96 Resp: 79301
 Ion Ratio Lower Upper
 96 100
 61 155.5 108.8 202.2
 63 93.1 65.2 121.0





#13

Acetone

Concen: 63.366 ug/L

RT: 4.028 min Scan# 415

Delta R.T. 0.000 min

Lab File: VD078296.D

Acq: 31 Jan 2024 17:40

Instrument :

MSVOA_D

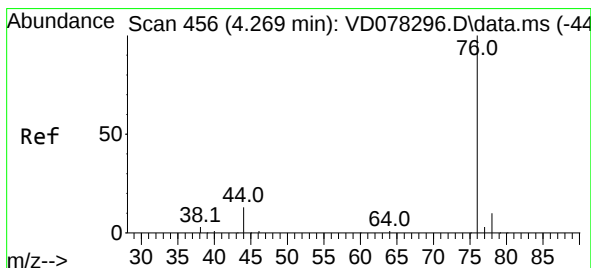
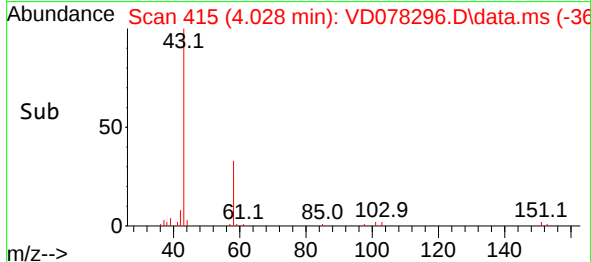
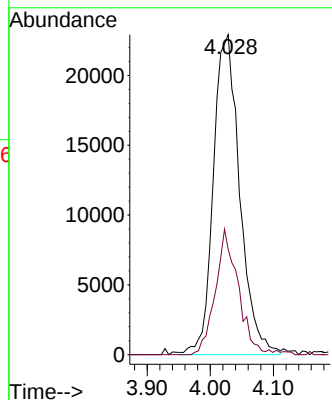
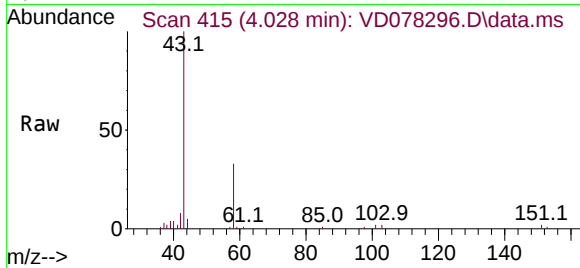
ClientSampleId :

Tgt Ion: 43 Resp: 66643

Ion Ratio Lower Upper

43 100

58 33.6 0.0 67.2



#14

Carbon disulfide

Concen: 26.912 ug/L

RT: 4.269 min Scan# 456

Delta R.T. 0.000 min

Lab File: VD078296.D

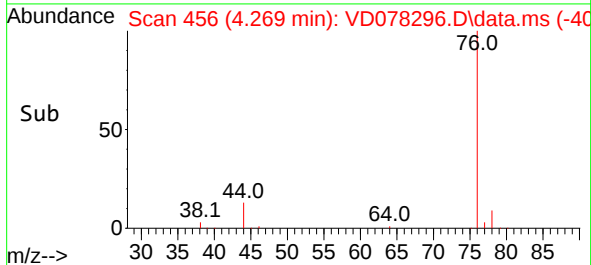
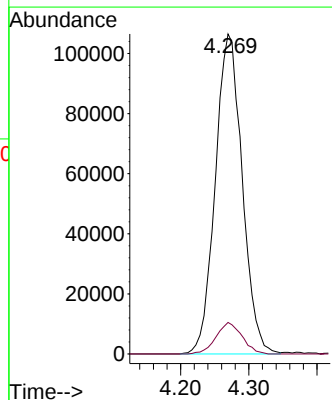
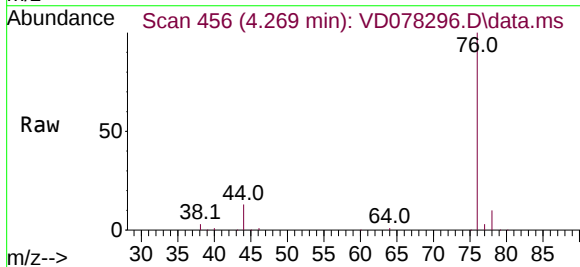
Acq: 31 Jan 2024 17:40

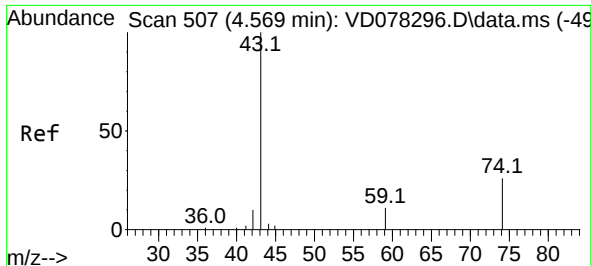
Tgt Ion: 76 Resp: 292543

Ion Ratio Lower Upper

76 100

78 9.8 7.8 11.8

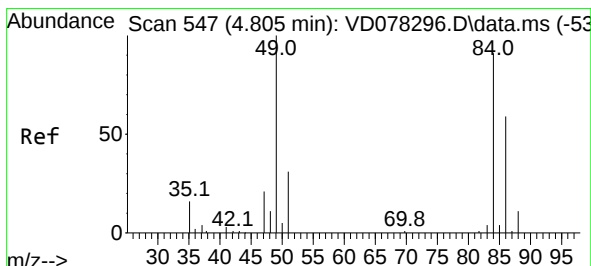
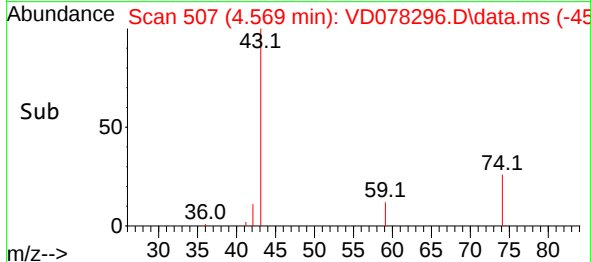
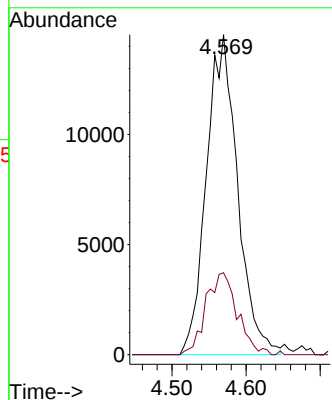
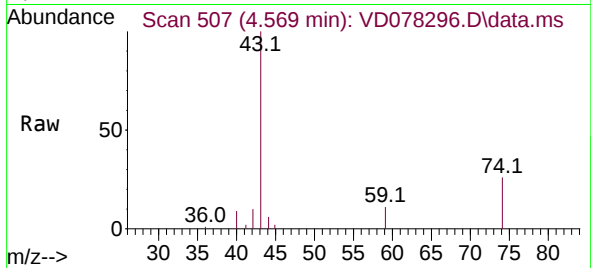




#15
Methyl Acetate
Concen: 28.534 ug/L
RT: 4.569 min Scan# 507
Delta R.T. 0.000 min
Lab File: VD078296.D
Acq: 31 Jan 2024 17:40

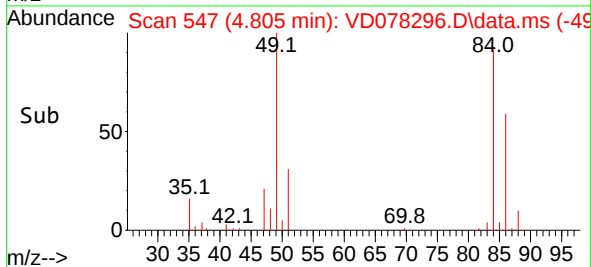
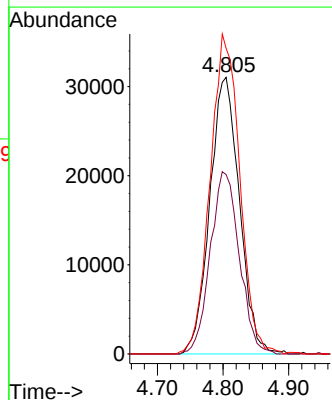
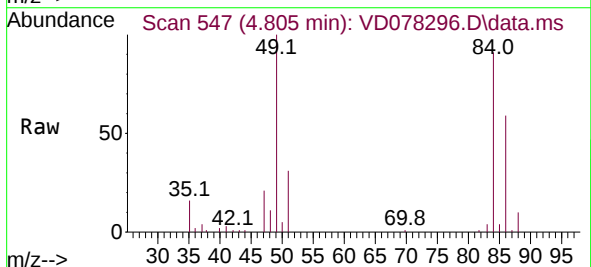
Instrument :
MSVOA_D
ClientSampleId :

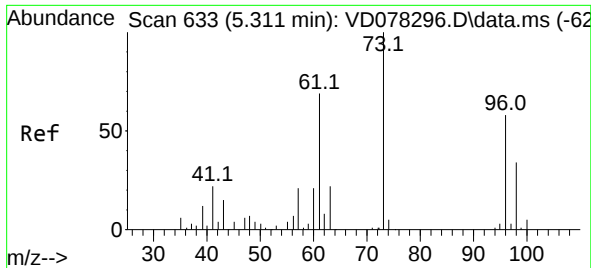
Tgt Ion: 43 Resp: 42447
Ion Ratio Lower Upper
43 100
74 15.9 12.7 19.1



#16
Methylene chloride
Concen: 24.110 ug/L
RT: 4.805 min Scan# 547
Delta R.T. 0.000 min
Lab File: VD078296.D
Acq: 31 Jan 2024 17:40

Tgt Ion: 84 Resp: 97376
Ion Ratio Lower Upper
84 100
86 64.8 45.4 84.2
49 110.5 77.3 143.7

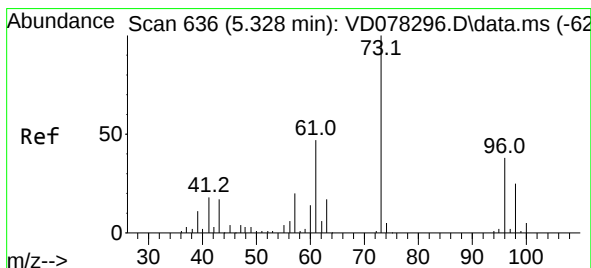
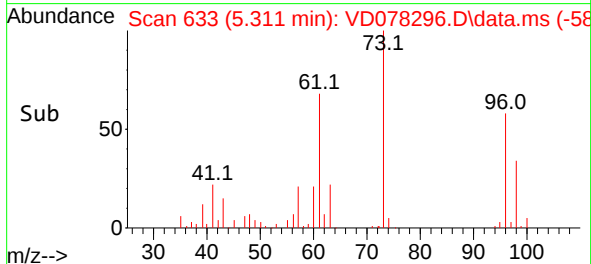
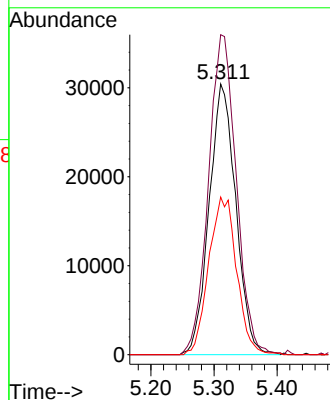
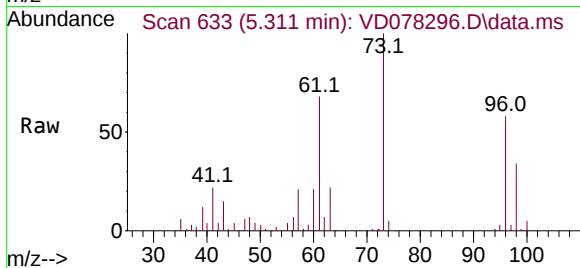




#17
trans-1,2-Dichloroethene
Concen: 27.655 ug/L
RT: 5.311 min Scan# 611
Delta R.T. 0.000 min
Lab File: VD078296.D
Acq: 31 Jan 2024 17:40

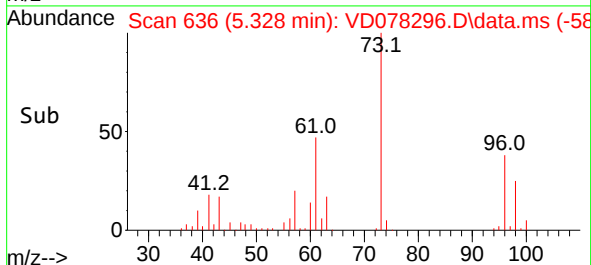
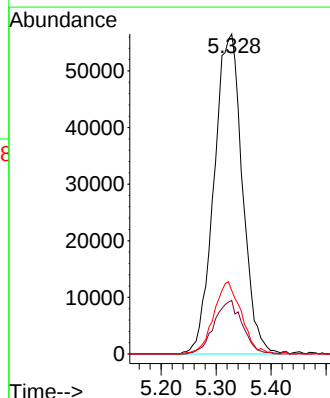
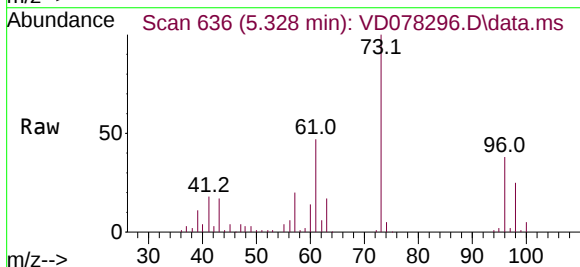
Instrument :
MSVOA_D
ClientSampleId :

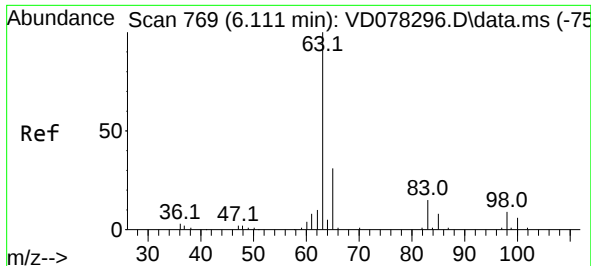
Tgt Ion: 96 Resp: 89563
Ion Ratio Lower Upper
96 100
61 118.2 82.7 153.7
98 58.2 40.7 75.7



#18
Methyl tert-butyl Ether
Concen: 27.906 ug/L
RT: 5.328 min Scan# 636
Delta R.T. 0.000 min
Lab File: VD078296.D
Acq: 31 Jan 2024 17:40

Tgt Ion: 73 Resp: 201863
Ion Ratio Lower Upper
73 100
43 16.6 13.3 19.9
57 21.5 17.2 25.8





#19

1,1-Dichloroethane

Concen: 25.921 ug/L

RT: 6.111 min Scan# 769

Delta R.T. 0.000 min

Lab File: VD078296.D

Acq: 31 Jan 2024 17:40

Instrument :

MSVOA_D

ClientSampleId :

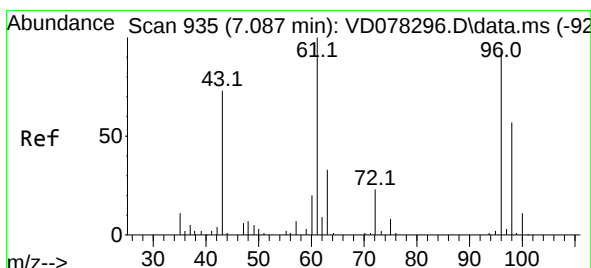
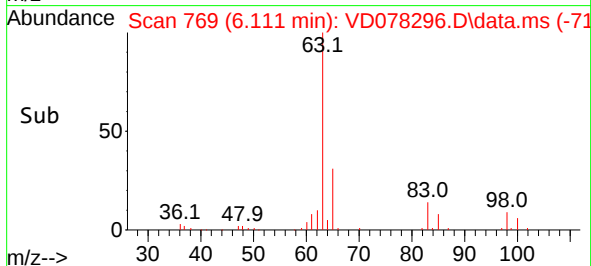
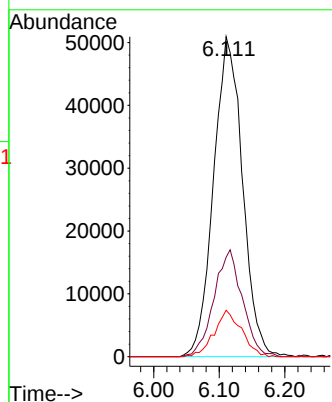
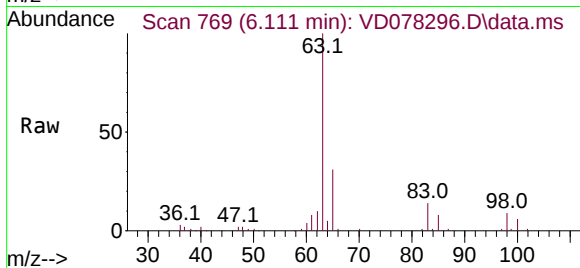
Tgt Ion: 63 Resp: 155627

Ion Ratio Lower Upper

63 100

65 31.1 21.8 40.4

83 14.5 10.1 18.9



#20

cis-1,2-Dichloroethene

Concen: 27.154 ug/L

RT: 7.087 min Scan# 935

Delta R.T. 0.000 min

Lab File: VD078296.D

Acq: 31 Jan 2024 17:40

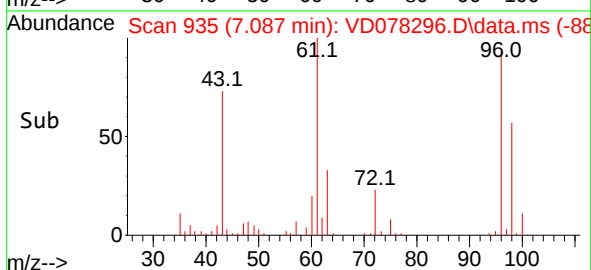
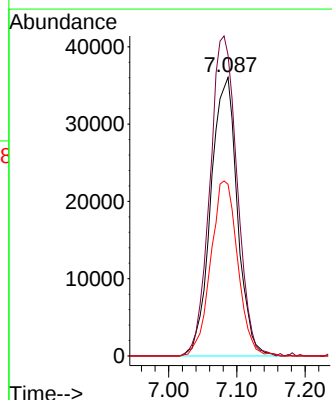
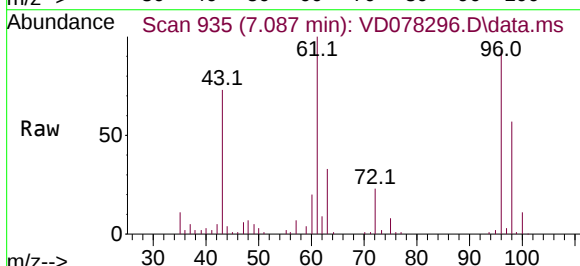
Tgt Ion: 96 Resp: 97719

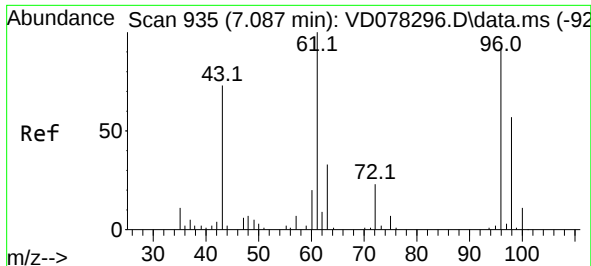
Ion Ratio Lower Upper

96 100

61 108.0 75.6 140.4

98 61.6 43.1 80.1

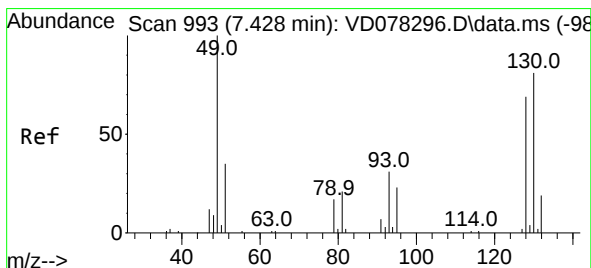
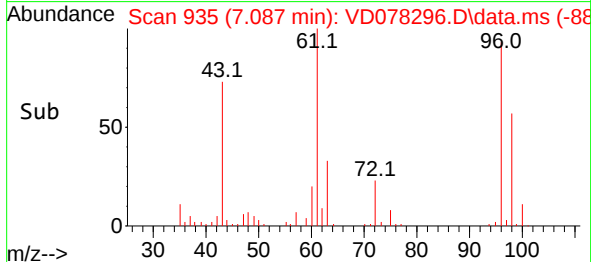
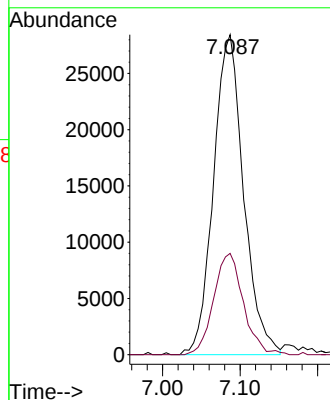
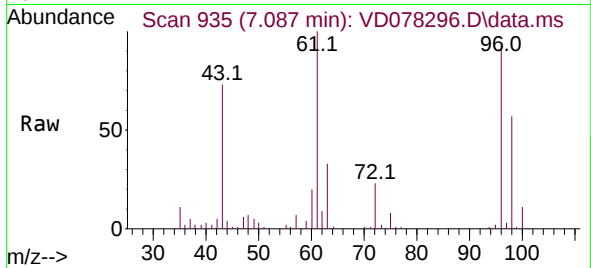




#22
2-Butanone
Concen: 64.200 ug/L
RT: 7.087 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD078296.D
Acq: 31 Jan 2024 17:40

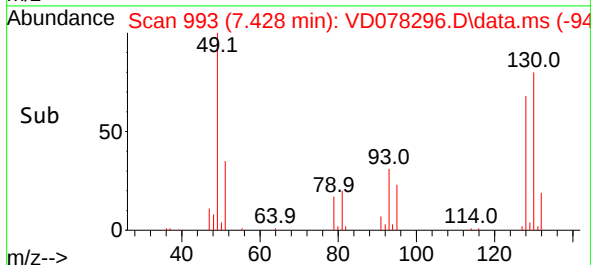
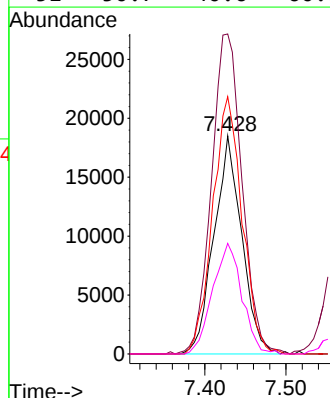
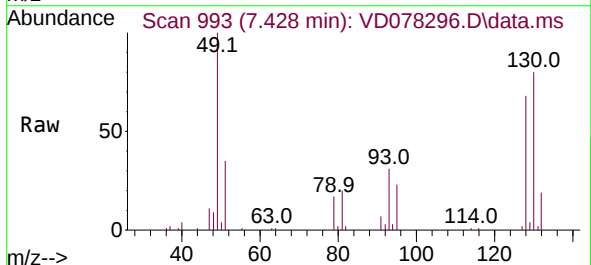
Instrument :
MSVOA_D
ClientSampleId :

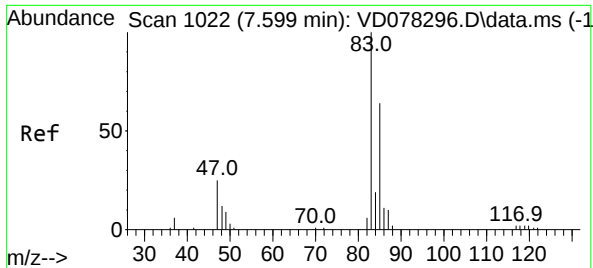
Tgt Ion: 43 Resp: 76777
Ion Ratio Lower Upper
43 100
72 30.8 15.4 46.2



#23
Bromochloromethane
Concen: 28.758 ug/L
RT: 7.428 min Scan# 993
Delta R.T. 0.000 min
Lab File: VD078296.D
Acq: 31 Jan 2024 17:40

Tgt Ion:128 Resp: 44067
Ion Ratio Lower Upper
128 100
49 146.7 102.7 190.7
130 118.0 82.6 153.4
51 50.7 40.6 60.8





#25

Chloroform

Concen: 27.494 ug/L

RT: 7.599 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VD078296.D

Acq: 31 Jan 2024 17:40

Instrument :

MSVOA_D

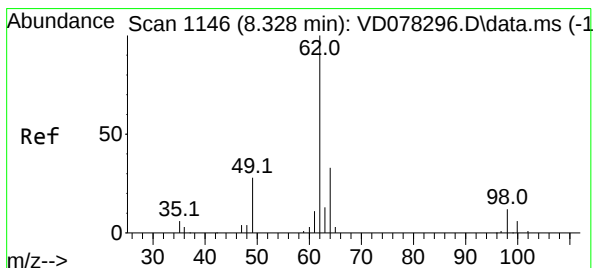
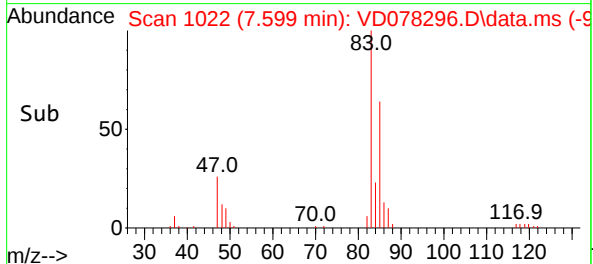
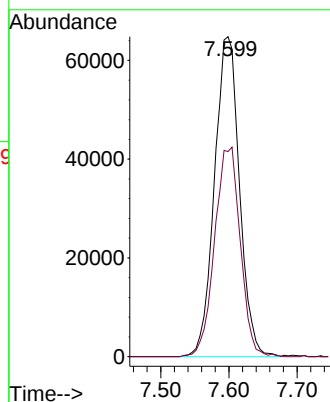
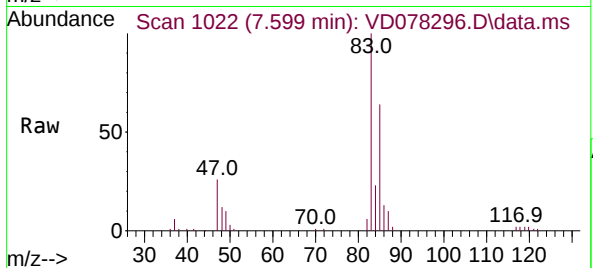
ClientSampleId :

Tgt Ion: 83 Resp: 165483

Ion Ratio Lower Upper

83 100

85 64.1 44.9 83.3



#27

1,2-Dichloroethane

Concen: 27.865 ug/L

RT: 8.328 min Scan# 1146

Delta R.T. 0.000 min

Lab File: VD078296.D

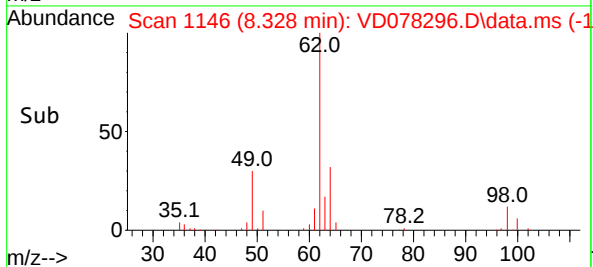
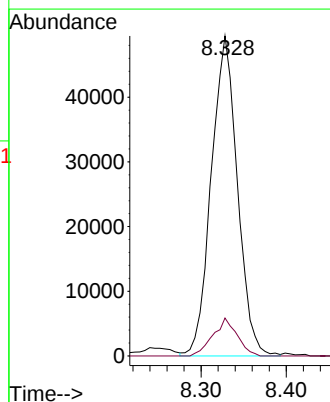
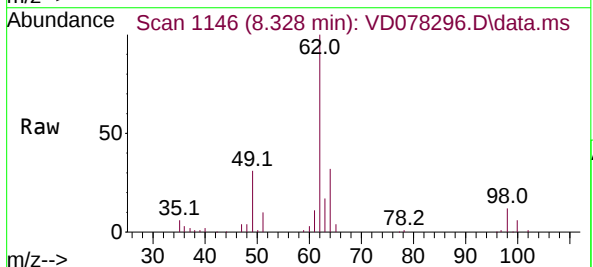
Acq: 31 Jan 2024 17:40

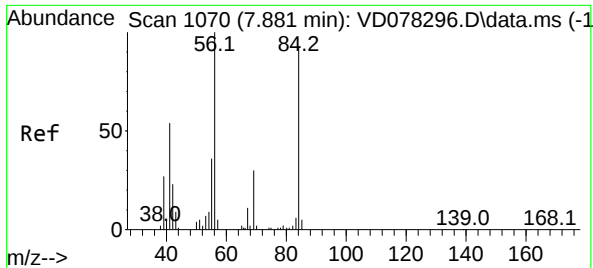
Tgt Ion: 62 Resp: 105442

Ion Ratio Lower Upper

62 100

98 11.9 9.5 14.3





#29

Cyclohexane

Concen: 23.434 ug/L

RT: 7.881 min Scan# 1070

Delta R.T. 0.000 min

Lab File: VD078296.D

Acq: 31 Jan 2024 17:40

Instrument :

MSVOA_D

ClientSampleId :

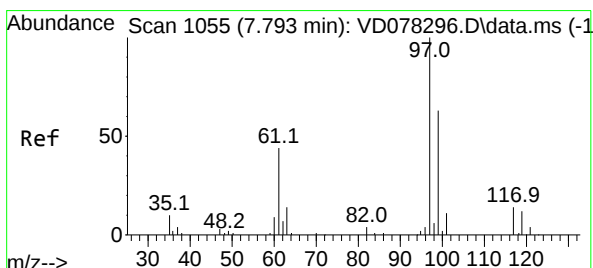
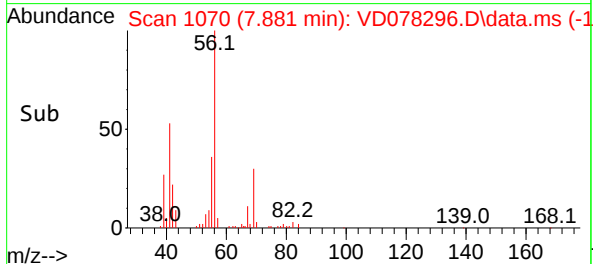
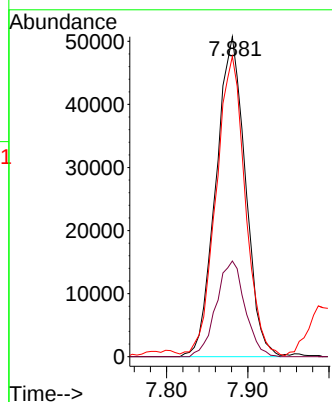
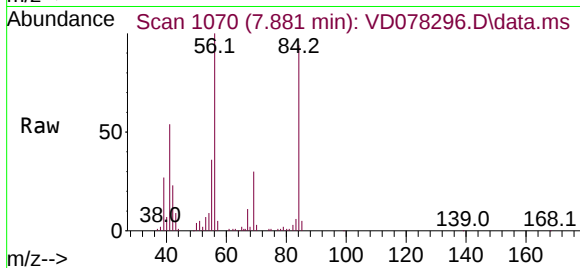
Tgt Ion: 56 Resp: 128049

Ion Ratio Lower Upper

56 100

69 29.1 23.3 34.9

84 93.4 74.7 112.1



#30

1,1,1-Trichloroethane

Concen: 25.460 ug/L

RT: 7.793 min Scan# 1055

Delta R.T. 0.000 min

Lab File: VD078296.D

Acq: 31 Jan 2024 17:40

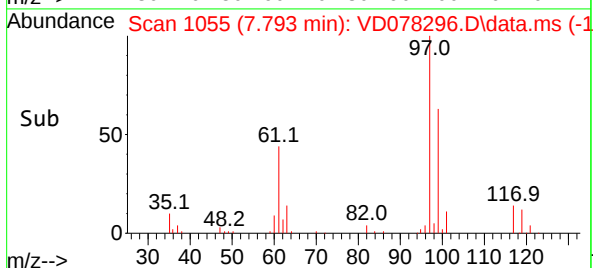
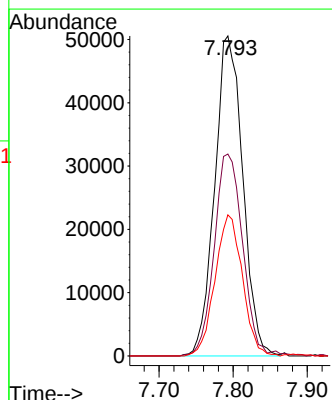
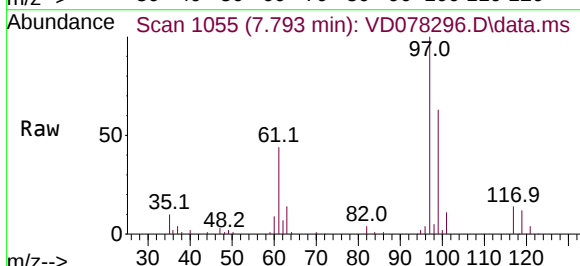
Tgt Ion: 97 Resp: 133031

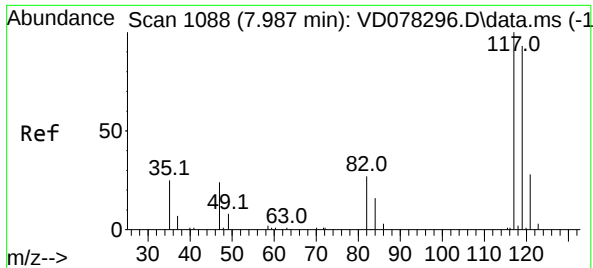
Ion Ratio Lower Upper

97 100

99 63.4 50.7 76.1

61 43.0 34.4 51.6

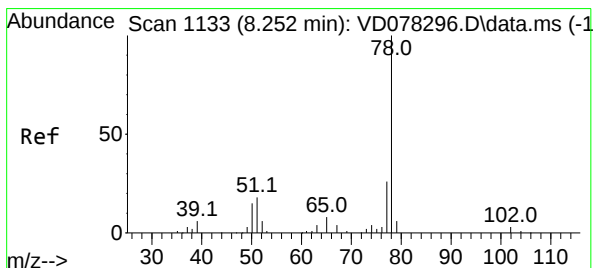
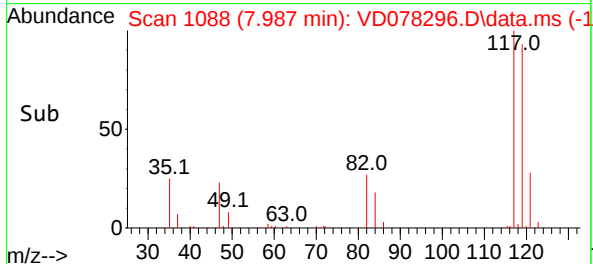
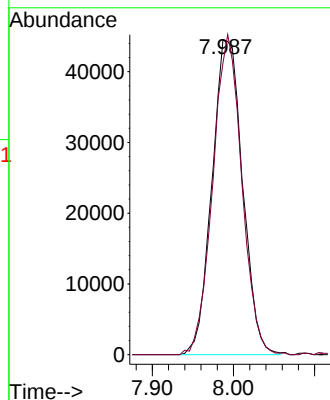
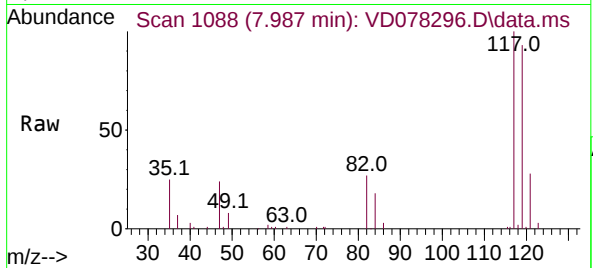




#31
Carbon tetrachloride
Concen: 25.515 ug/L
RT: 7.987 min Scan# 1108
Delta R.T. 0.000 min
Lab File: VD078296.D
Acq: 31 Jan 2024 17:40

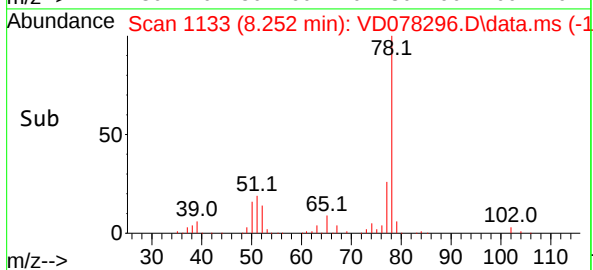
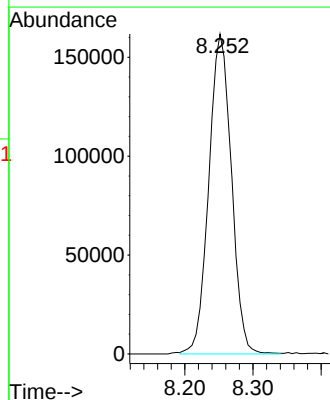
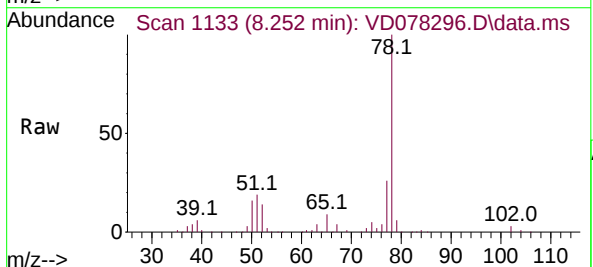
Instrument :
MSVOA_D
ClientSampleId :

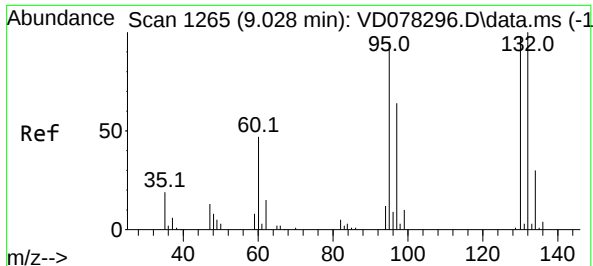
Tgt Ion:117 Resp: 116497
Ion Ratio Lower Upper
117 100
119 96.2 77.0 115.4



#33
Benzene
Concen: 26.642 ug/L
RT: 8.252 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VD078296.D
Acq: 31 Jan 2024 17:40

Tgt Ion: 78 Resp: 373605



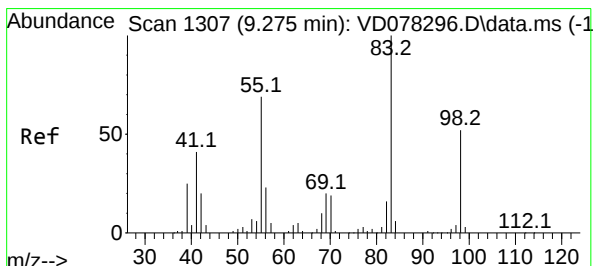
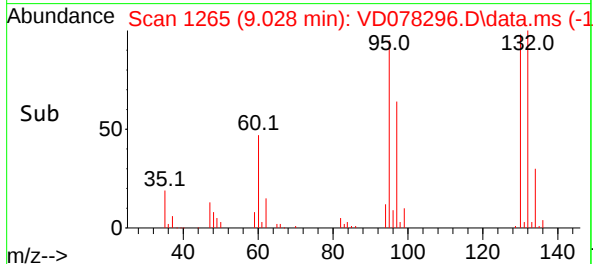
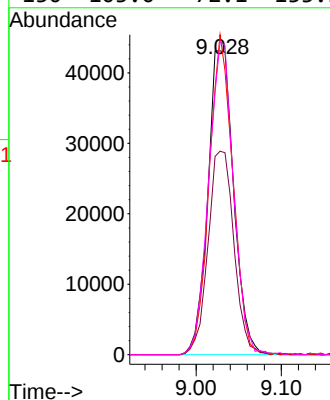
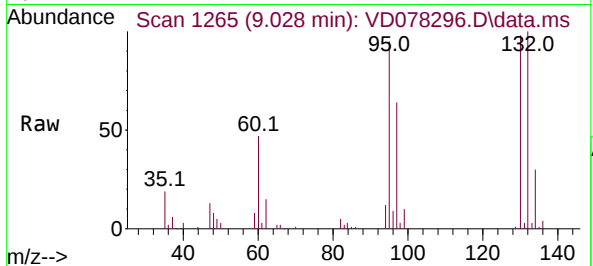


#34
Trichloroethene
Concen: 26.440 ug/L
RT: 9.028 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078296.D
Acq: 31 Jan 2024 17:40

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 95 Resp: 91638

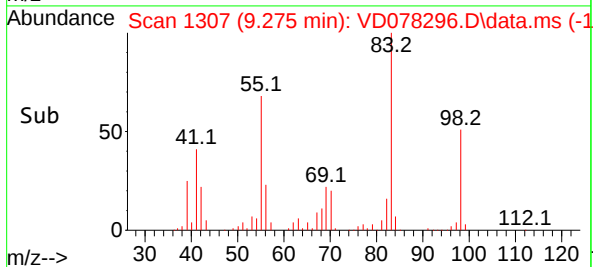
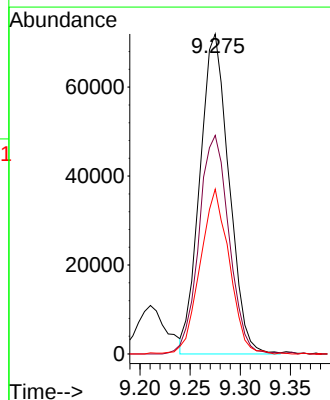
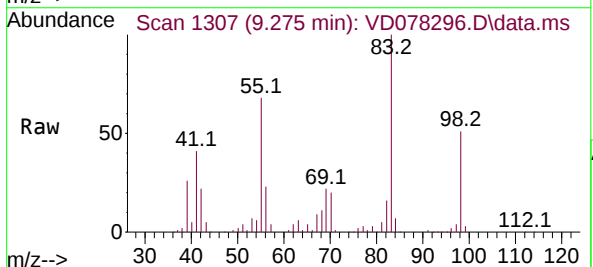
Ion	Ratio	Lower	Upper
95	100		
97	67.0	46.9	87.1
132	105.3	73.7	136.9
130	103.0	72.1	133.9

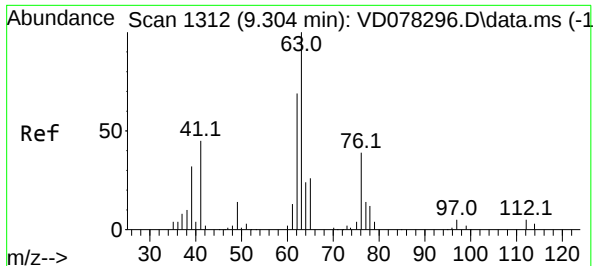


#35
Methylcyclohexane
Concen: 24.191 ug/L
RT: 9.275 min Scan# 1307
Delta R.T. 0.000 min
Lab File: VD078296.D
Acq: 31 Jan 2024 17:40

Tgt Ion: 83 Resp: 145512

Ion	Ratio	Lower	Upper
83	100		
55	70.3	56.2	84.4
98	51.5	41.2	61.8





#37

1,2-Dichloropropane

Concen: 26.150 ug/L

RT: 9.304 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD078296.D

Acq: 31 Jan 2024 17:40

Instrument :

MSVOA_D

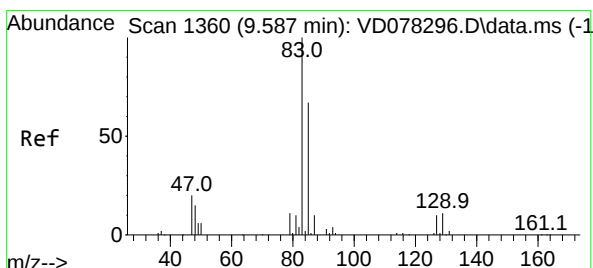
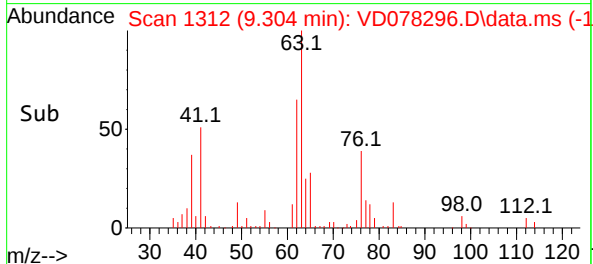
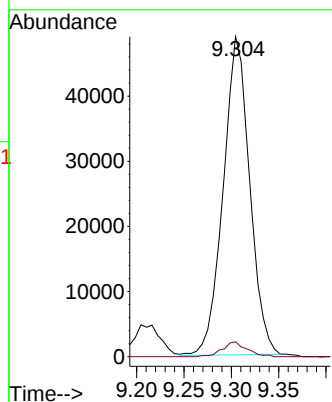
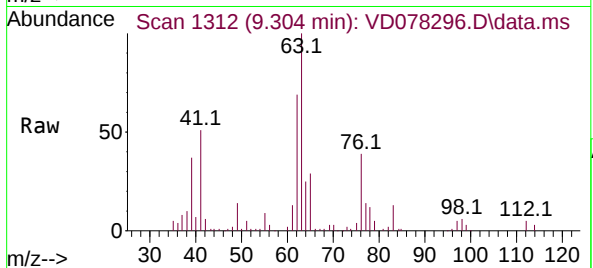
ClientSampleId :

Tgt Ion: 63 Resp: 95101

Ion Ratio Lower Upper

63 100

112 4.3 3.4 5.2



#38

Bromodichloromethane

Concen: 27.452 ug/L

RT: 9.587 min Scan# 1360

Delta R.T. 0.000 min

Lab File: VD078296.D

Acq: 31 Jan 2024 17:40

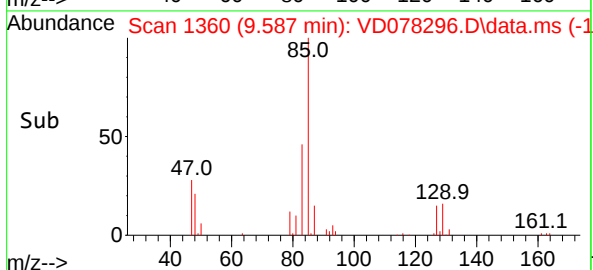
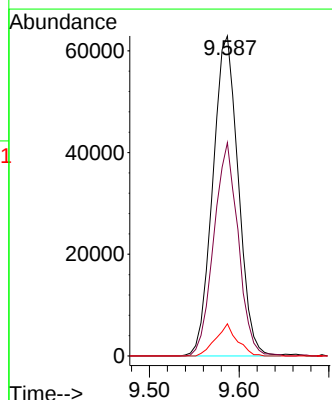
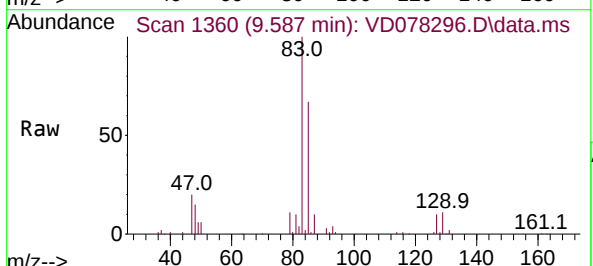
Tgt Ion: 83 Resp: 123843

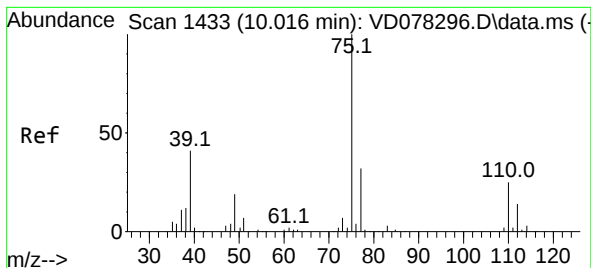
Ion Ratio Lower Upper

83 100

85 66.6 46.6 86.6

127 10.1 8.1 12.1

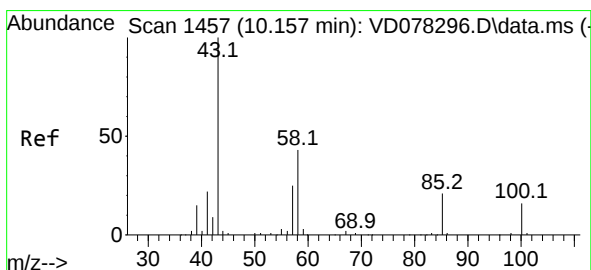
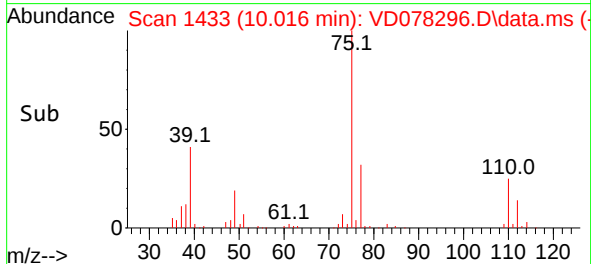
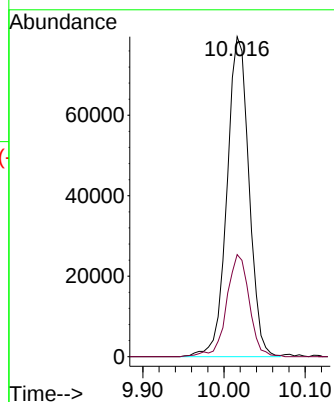
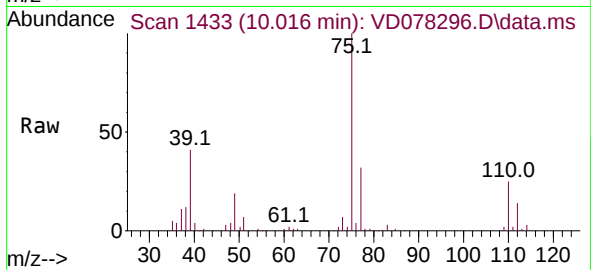




#39
 cis-1,3-Dichloropropene
 Concen: 26.249 ug/L
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD078296.D
 Acq: 31 Jan 2024 17:40

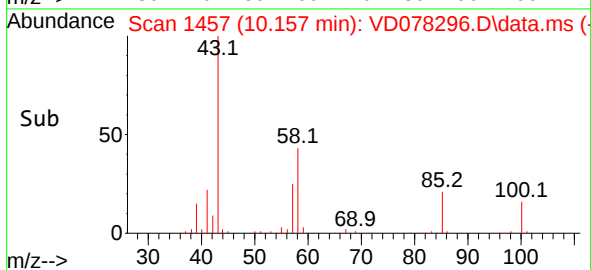
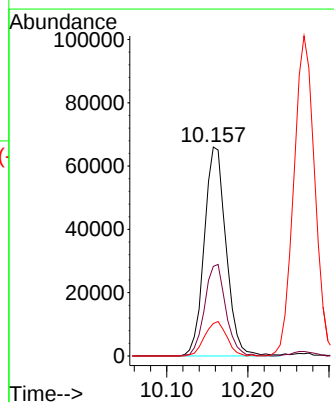
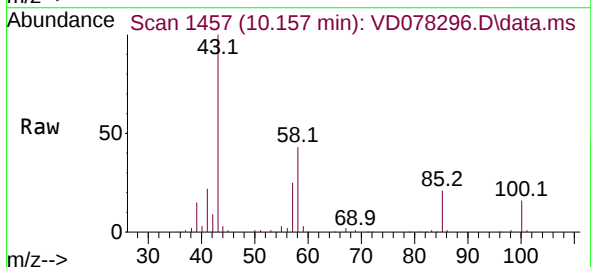
Instrument :
 MSVOA_D
 ClientSampleId :

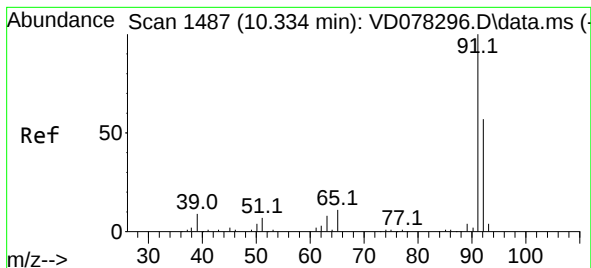
Tgt Ion: 75 Resp: 149879
 Ion Ratio Lower Upper
 75 100
 77 31.9 22.3 41.5



#40
 4-Methyl-2-pentanone
 Concen: 58.363 ug/L
 RT: 10.157 min Scan# 1457
 Delta R.T. 0.000 min
 Lab File: VD078296.D
 Acq: 31 Jan 2024 17:40

Tgt Ion: 43 Resp: 123019
 Ion Ratio Lower Upper
 43 100
 58 42.5 34.0 51.0
 100 16.5 13.2 19.8





#42

Toluene

Concen: 26.372 ug/L

RT: 10.334 min Scan# 1487

Delta R.T. 0.000 min

Lab File: VD078296.D

Acq: 31 Jan 2024 17:40

Instrument :

MSVOA_D

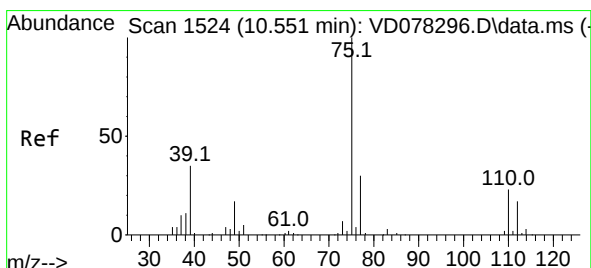
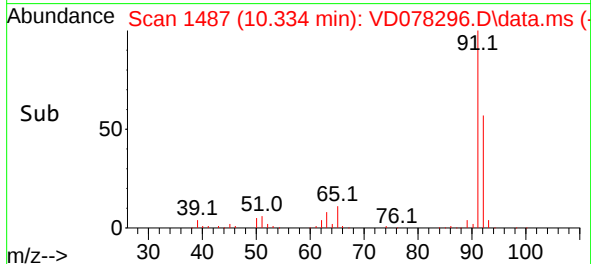
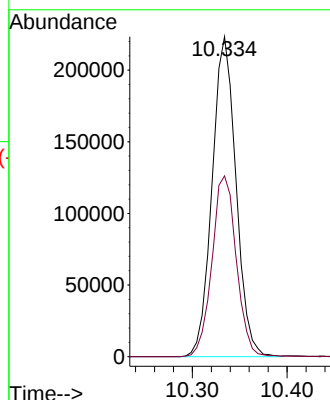
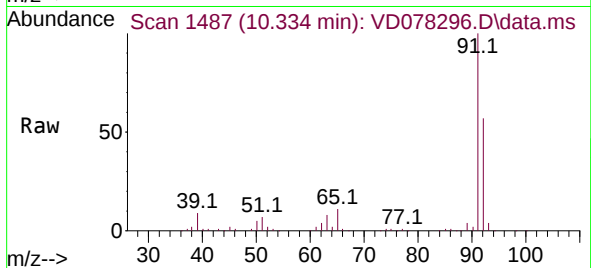
ClientSampleId :

Tgt Ion: 91 Resp: 390681

Ion Ratio Lower Upper

91 100

92 56.5 39.5 73.4



#44

trans-1,3-Dichloropropene

Concen: 27.449 ug/L

RT: 10.551 min Scan# 1524

Delta R.T. 0.000 min

Lab File: VD078296.D

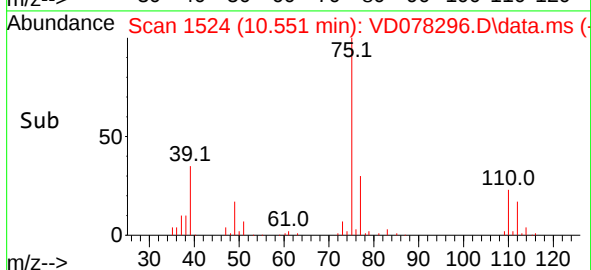
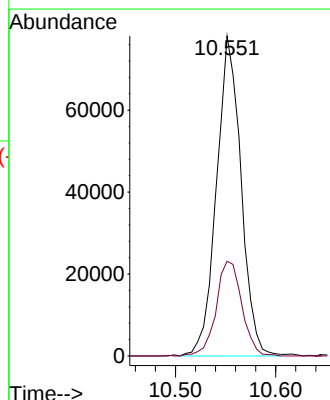
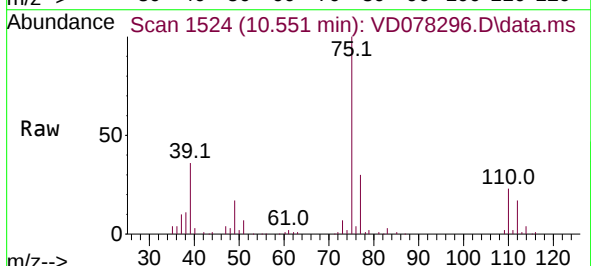
Acq: 31 Jan 2024 17:40

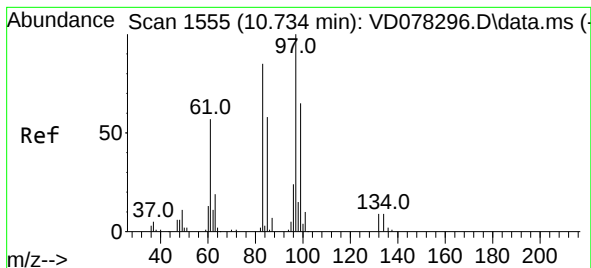
Tgt Ion: 75 Resp: 132506

Ion Ratio Lower Upper

75 100

77 29.6 20.7 38.5





#45

1,1,2-Trichloroethane

Concen: 30.456 ug/L

RT: 10.734 min Scan# 1555

Delta R.T. 0.000 min

Lab File: VD078296.D

Acq: 31 Jan 2024 17:40

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 97 Resp: 78287

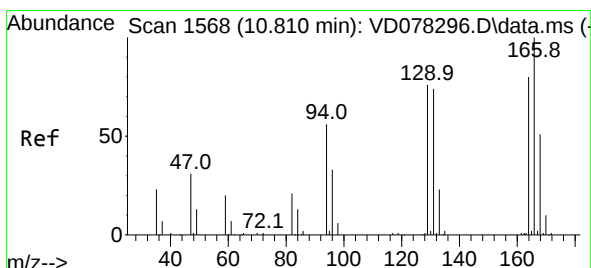
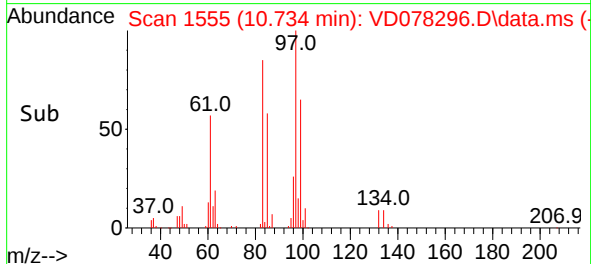
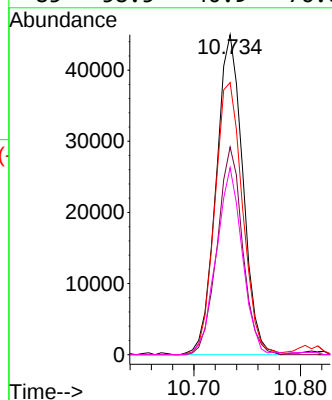
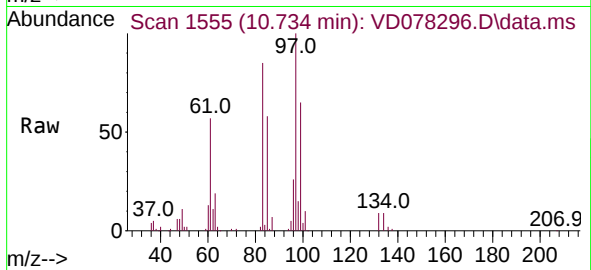
Ion Ratio Lower Upper

97 100

99 64.9 45.4 84.4

83 85.0 59.5 110.5

85 58.5 40.9 76.0



#46

Tetrachloroethene

Concen: 22.822 ug/L

RT: 10.810 min Scan# 1568

Delta R.T. 0.000 min

Lab File: VD078296.D

Acq: 31 Jan 2024 17:40

Tgt Ion:164 Resp: 61721

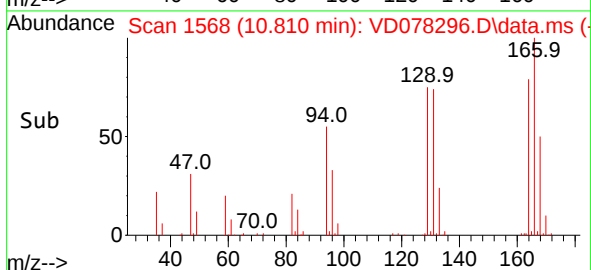
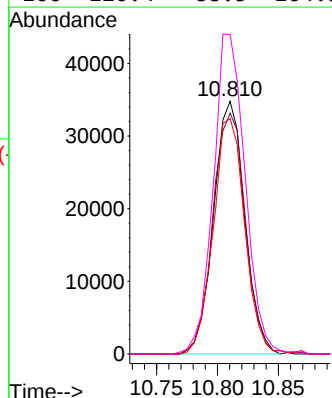
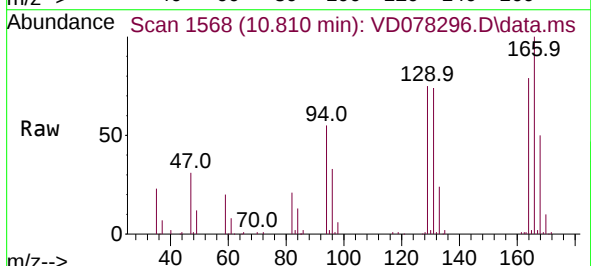
Ion Ratio Lower Upper

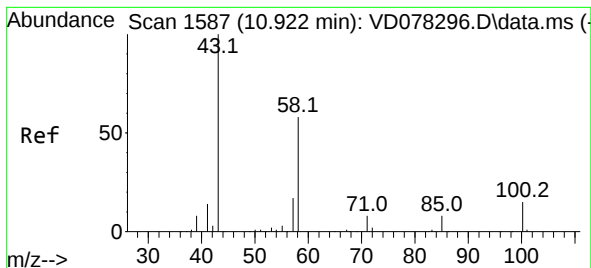
164 100

129 95.3 66.7 123.9

131 93.1 65.2 121.0

166 126.4 88.5 164.3





#48

2-Hexanone

Concen: 60.129 ug/L

RT: 10.922 min Scan# 1587

Delta R.T. 0.000 min

Lab File: VD078296.D

Acq: 31 Jan 2024 17:40

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 43 Resp: 106539

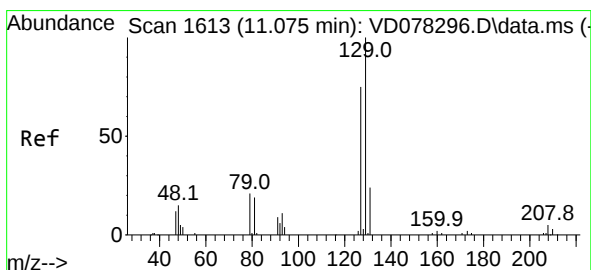
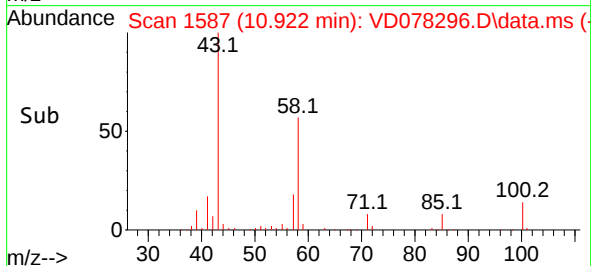
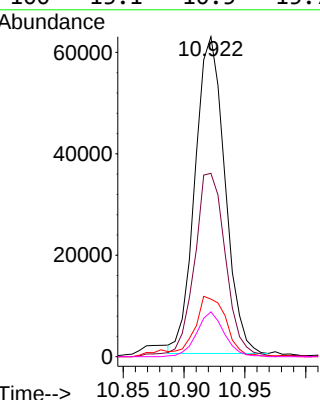
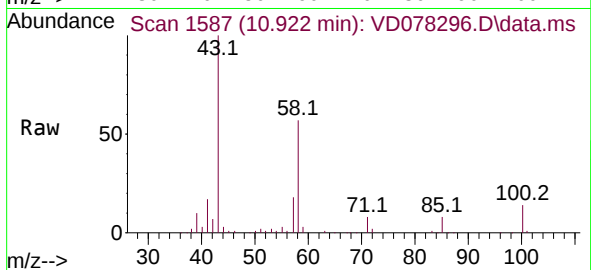
Ion Ratio Lower Upper

43 100

58 60.6 48.5 72.7

57 19.5 15.6 23.4

100 13.1 10.5 15.7



#49

Dibromochloromethane

Concen: 28.418 ug/L

RT: 11.075 min Scan# 1613

Delta R.T. 0.000 min

Lab File: VD078296.D

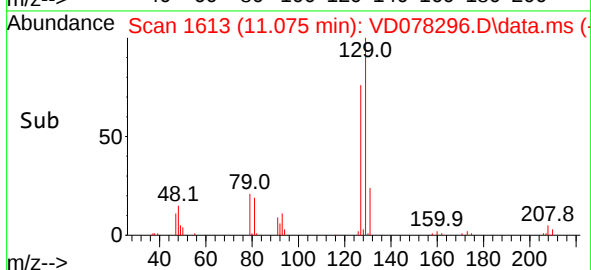
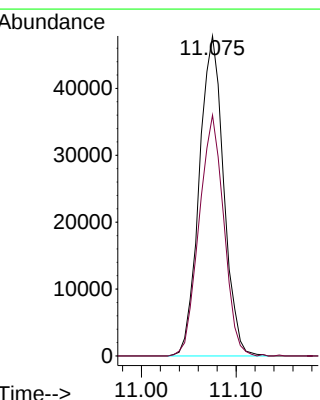
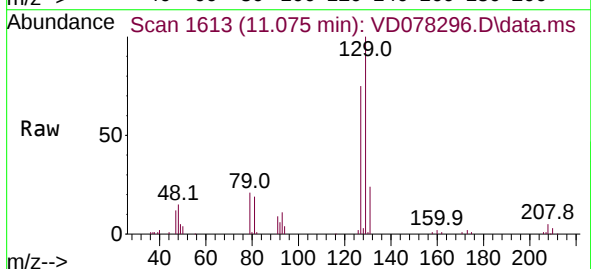
Acq: 31 Jan 2024 17:40

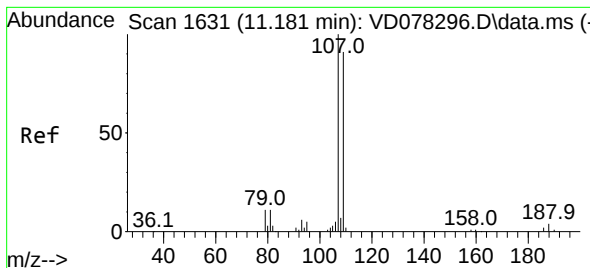
Tgt Ion:129 Resp: 85635

Ion Ratio Lower Upper

129 100

127 75.3 52.7 97.9





#50

1,2-Dibromoethane

Concen: 30.192 ug/L

RT: 11.181 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD078296.D

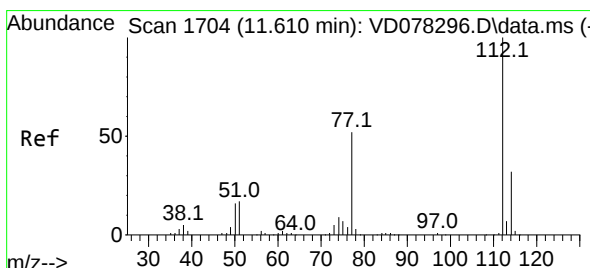
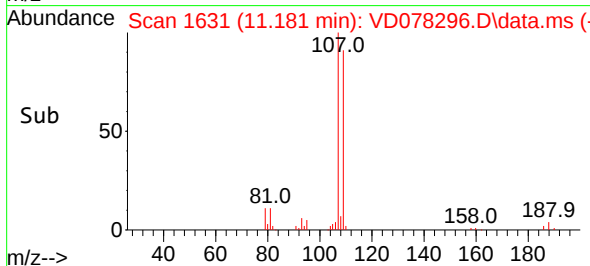
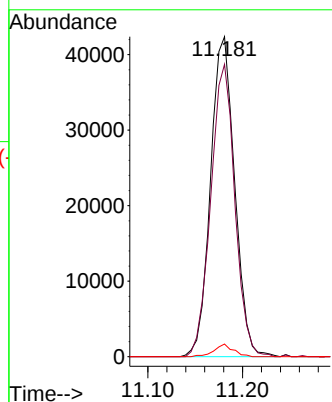
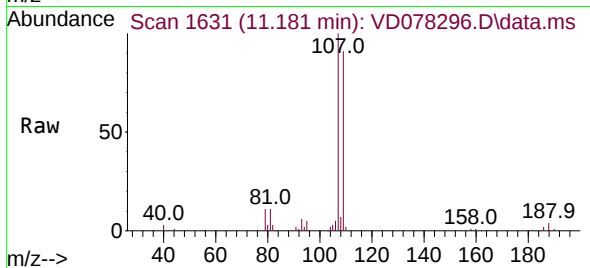
Acq: 31 Jan 2024 17:40

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:107	Resp:	74990
Ion Ratio	Lower	Upper
107	100	
109	91.4	64.0 118.8
188	3.9	3.1 4.7



#51

Chlorobenzene

Concen: 26.385 ug/L

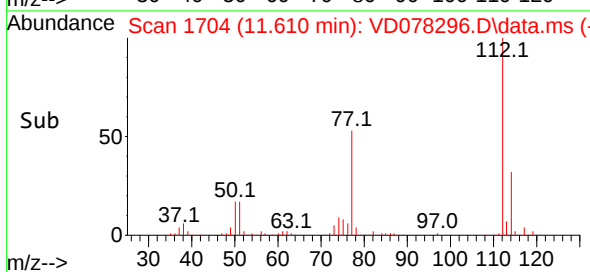
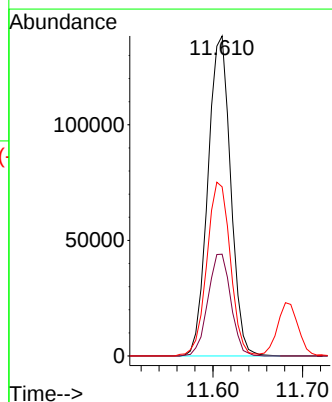
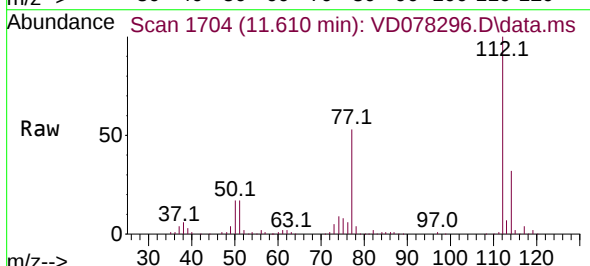
RT: 11.610 min Scan# 1704

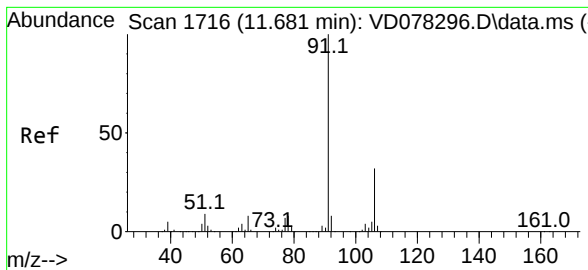
Delta R.T. 0.000 min

Lab File: VD078296.D

Acq: 31 Jan 2024 17:40

Tgt Ion:112	Resp:	243316
Ion Ratio	Lower	Upper
112	100	
114	31.8	22.3 41.3
77	52.9	42.3 63.5

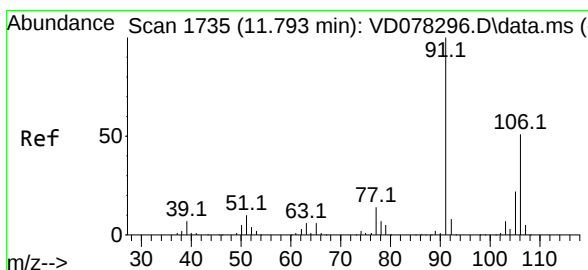
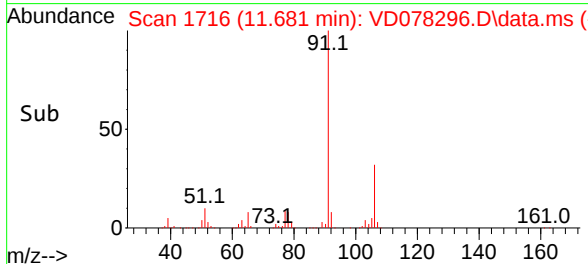
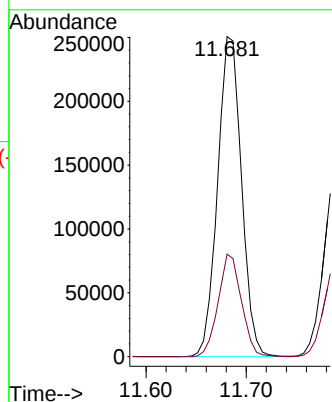
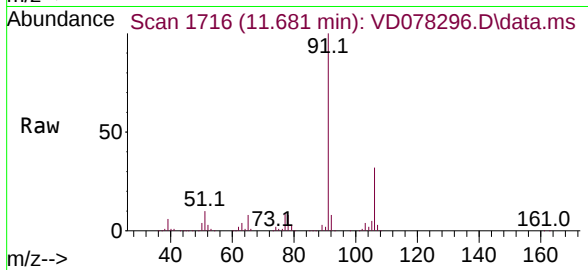




#52
Ethylbenzene
Concen: 25.409 ug/L
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD078296.D
Acq: 31 Jan 2024 17:40

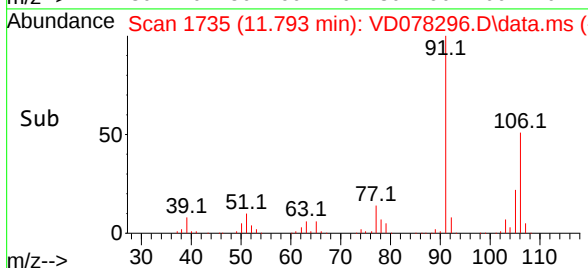
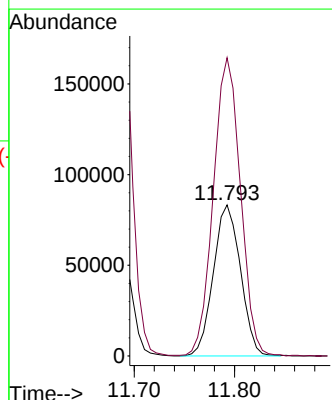
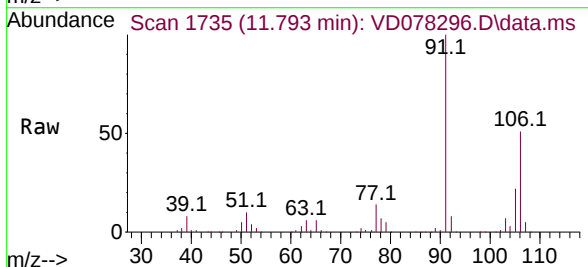
Instrument :
MSVOA_D
ClientSampleId :

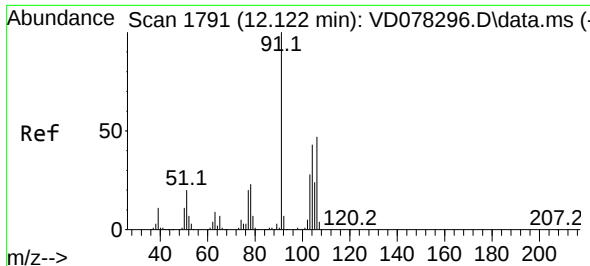
Tgt Ion: 91 Resp: 414507
Ion Ratio Lower Upper
91 100
106 32.1 22.5 41.7



#53
m,p-Xylene
Concen: 25.388 ug/L
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD078296.D
Acq: 31 Jan 2024 17:40

Tgt Ion:106 Resp: 156434
Ion Ratio Lower Upper
106 100
91 197.5 138.3 256.8

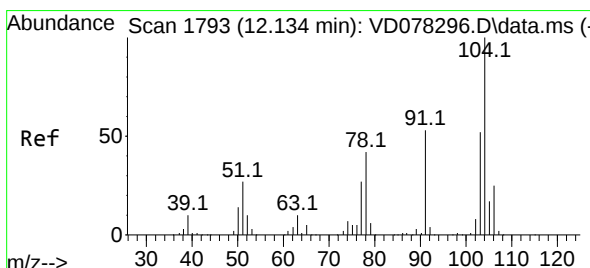
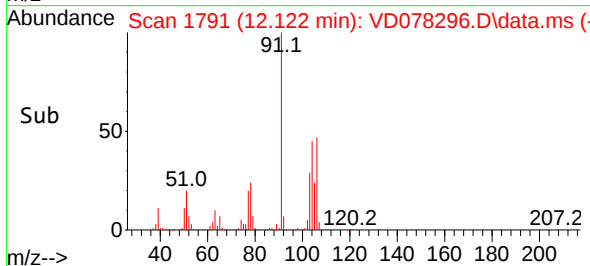
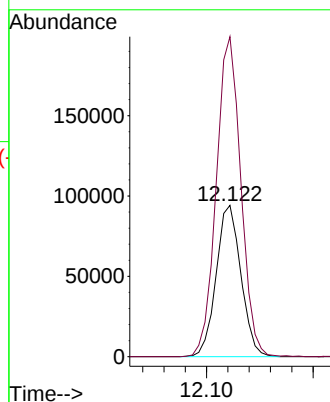
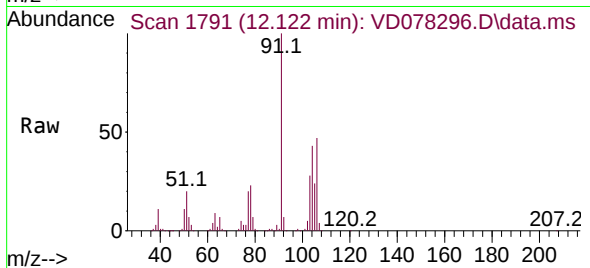




#54
o-Xylene
Concen: 25.683 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD078296.D
Acq: 31 Jan 2024 17:40

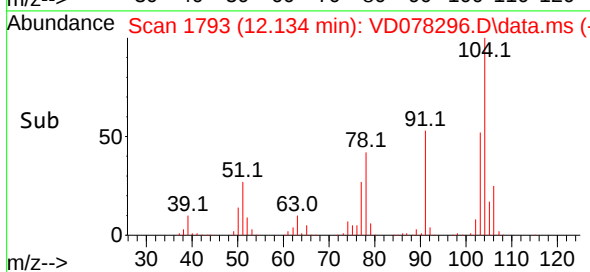
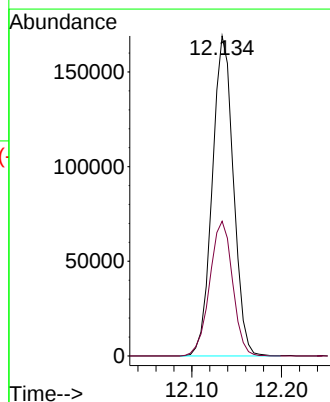
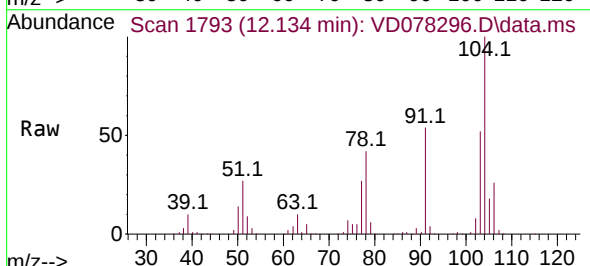
Instrument :
MSVOA_D
ClientSampleId :

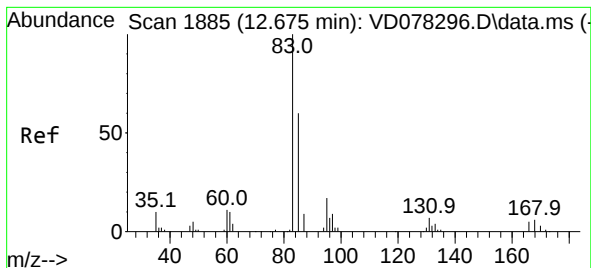
Tgt Ion:106 Resp: 151736
Ion Ratio Lower Upper
106 100
91 211.4 148.0 274.8



#55
Styrene
Concen: 26.575 ug/L
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD078296.D
Acq: 31 Jan 2024 17:40

Tgt Ion:104 Resp: 276574
Ion Ratio Lower Upper
104 100
78 42.1 29.5 54.7





#57

1,1,2,2-Tetrachloroethane

Concen: 31.566 ug/L

RT: 12.675 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VD078296.D

Acq: 31 Jan 2024 17:40

Instrument :

MSVOA_D

ClientSampleId :

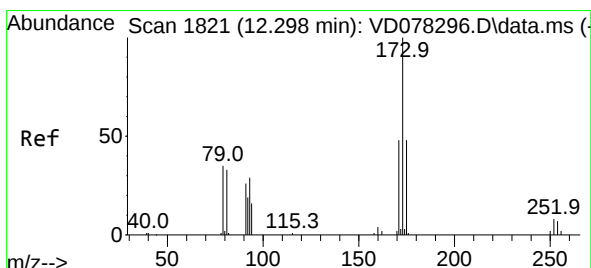
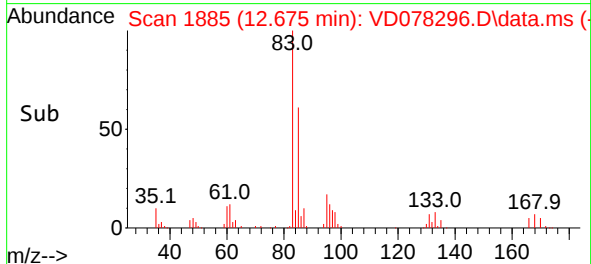
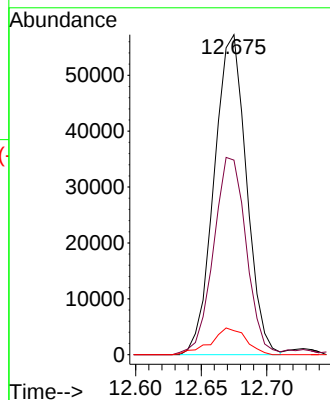
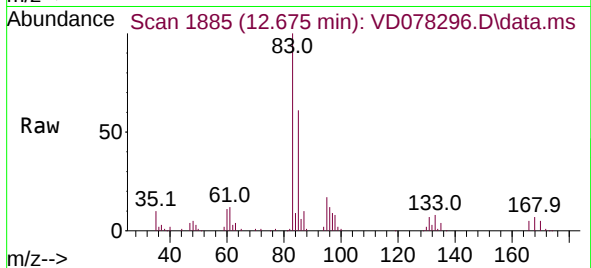
Tgt Ion: 83 Resp: 97974

Ion Ratio Lower Upper

83 100

85 60.8 42.6 79.0

131 7.5 6.0 9.0



#59

Bromoform

Concen: 28.434 ug/L

RT: 12.298 min Scan# 1821

Delta R.T. 0.000 min

Lab File: VD078296.D

Acq: 31 Jan 2024 17:40

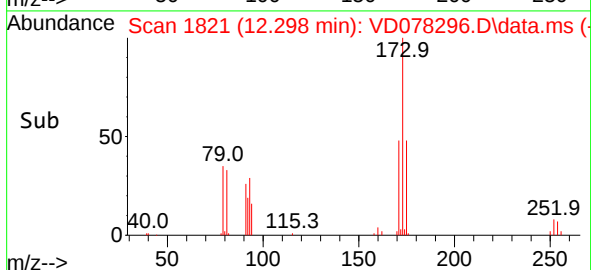
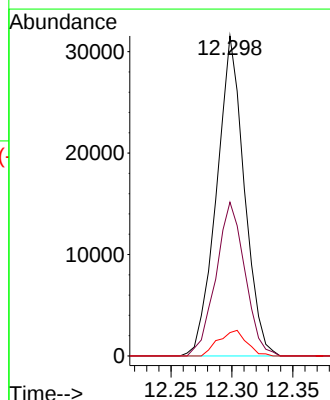
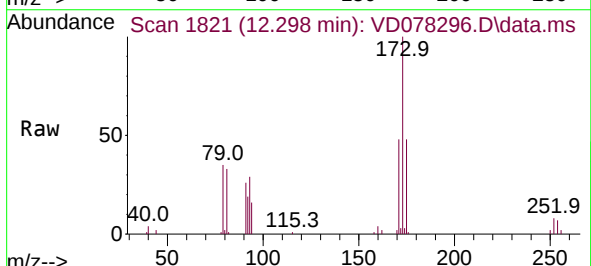
Tgt Ion: 173 Resp: 49884

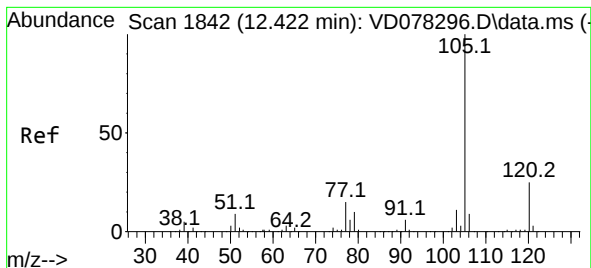
Ion Ratio Lower Upper

173 100

175 50.3 40.2 60.4

254 8.2 6.6 9.8

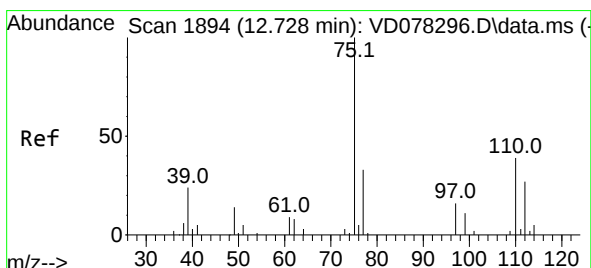
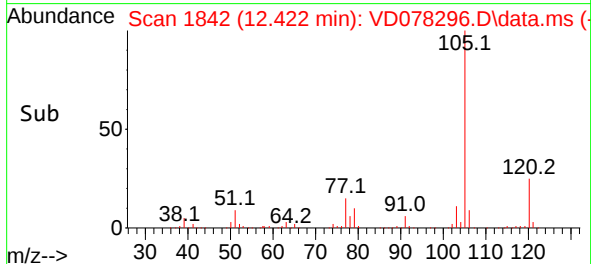
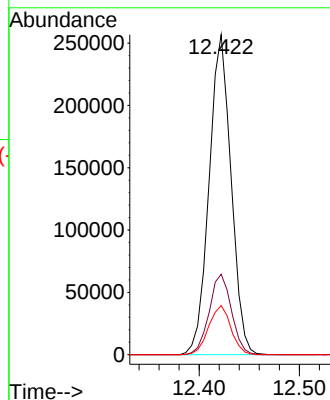
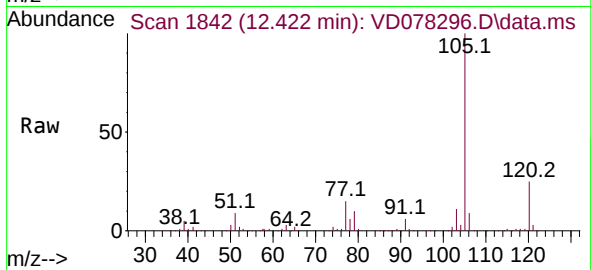




#60
Isopropylbenzene
Concen: 25.780 ug/L
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD078296.D
Acq: 31 Jan 2024 17:40

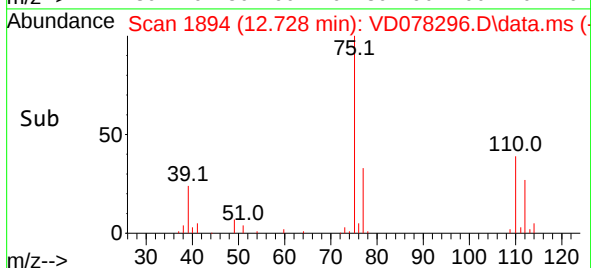
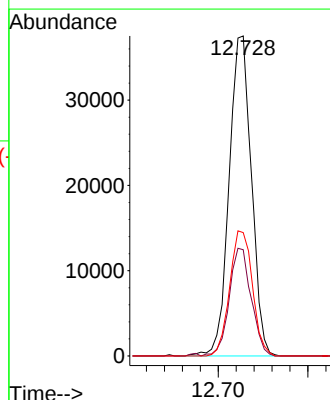
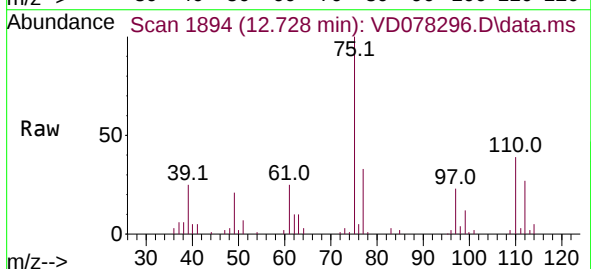
Instrument :
MSVOA_D
ClientSampleId :

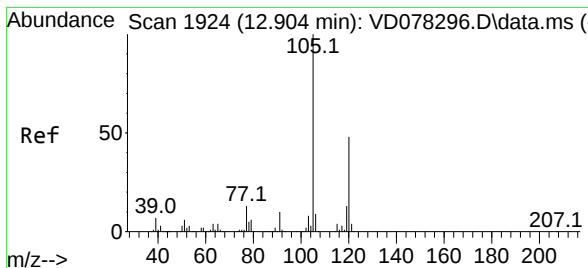
Tgt Ion:105 Resp: 391571
Ion Ratio Lower Upper
105 100
120 25.5 20.4 30.6
77 15.5 12.4 18.6



#61
1,2,3-Trichloropropane
Concen: 31.734 ug/L
RT: 12.728 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VD078296.D
Acq: 31 Jan 2024 17:40

Tgt Ion: 75 Resp: 64789
Ion Ratio Lower Upper
75 100
77 33.1 26.5 39.7
110 39.8 31.8 47.8





#62

1,3,5-Trimethylbenzene

Concen: 26.256 ug/L

RT: 12.904 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VD078296.D

Acq: 31 Jan 2024 17:40

Instrument :

MSVOA_D

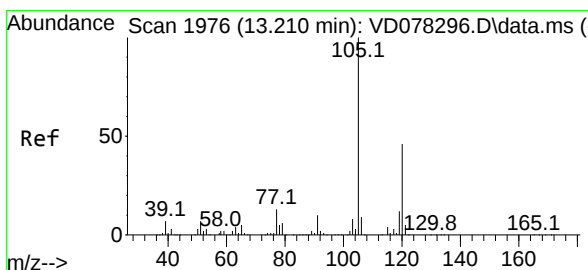
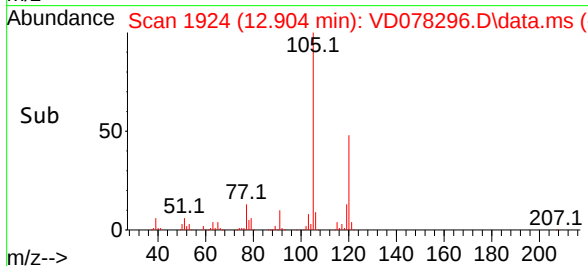
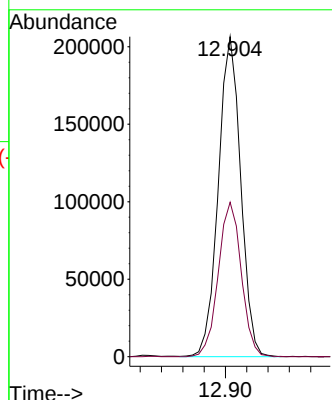
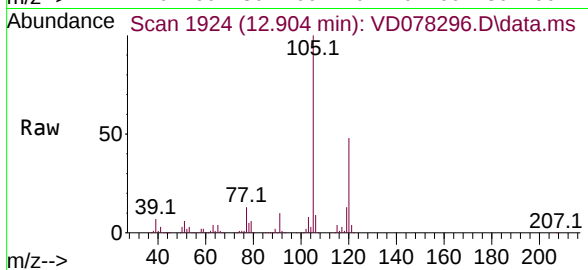
ClientSampleId :

Tgt Ion:105 Resp: 301117

Ion Ratio Lower Upper

105 100

120 49.4 39.5 59.3



#63

1,2,4-Trimethylbenzene

Concen: 26.227 ug/L

RT: 13.210 min Scan# 1976

Delta R.T. 0.000 min

Lab File: VD078296.D

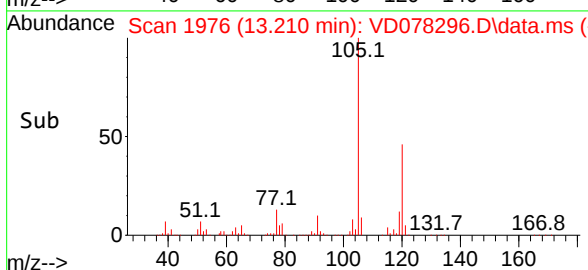
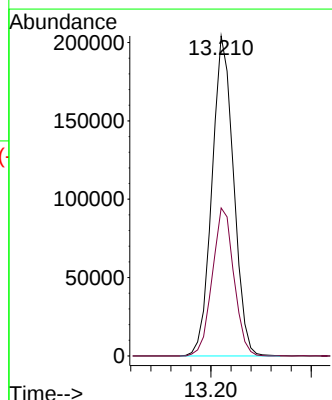
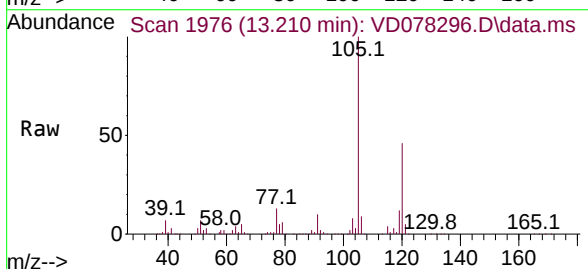
Acq: 31 Jan 2024 17:40

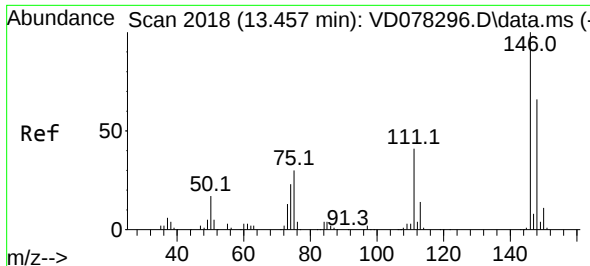
Tgt Ion:105 Resp: 304858

Ion Ratio Lower Upper

105 100

120 46.2 37.0 55.4

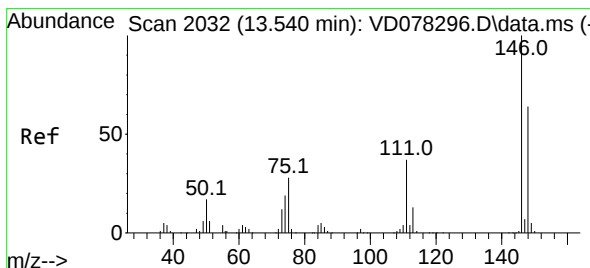
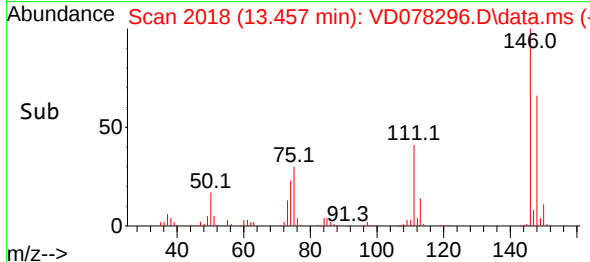
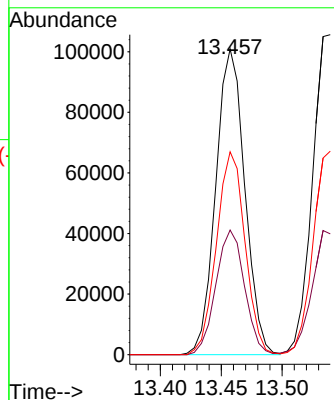
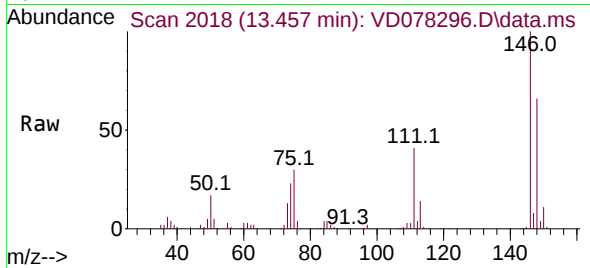




#64
1,3-Dichlorobenzene
Concen: 25.408 ug/L
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD078296.D
Acq: 31 Jan 2024 17:40

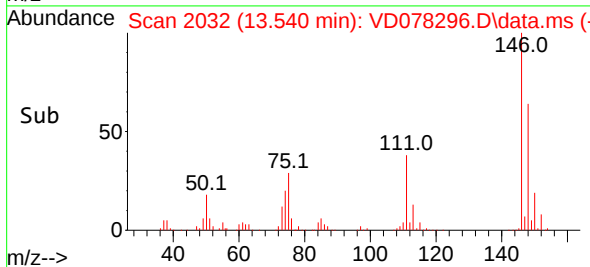
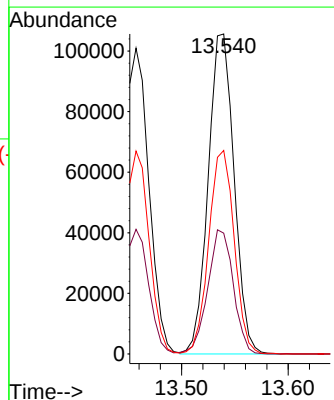
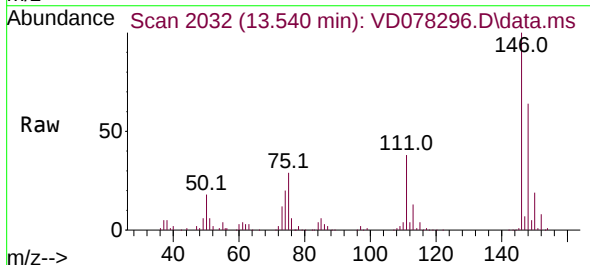
Instrument :
MSVOA_D
ClientSampleId :

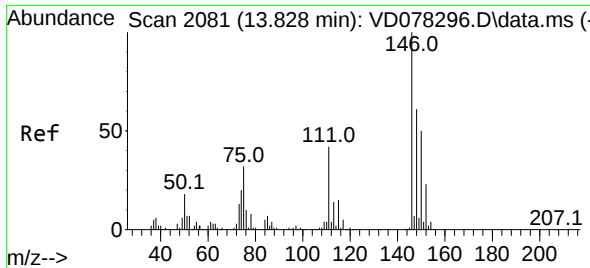
Tgt Ion:146 Resp: 167436
Ion Ratio Lower Upper
146 100
111 40.8 28.6 53.0
148 66.4 46.5 86.3



#65
1,4-Dichlorobenzene
Concen: 25.945 ug/L
RT: 13.540 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD078296.D
Acq: 31 Jan 2024 17:40

Tgt Ion:146 Resp: 178555
Ion Ratio Lower Upper
146 100
111 37.7 26.4 49.0
148 63.6 44.5 82.7

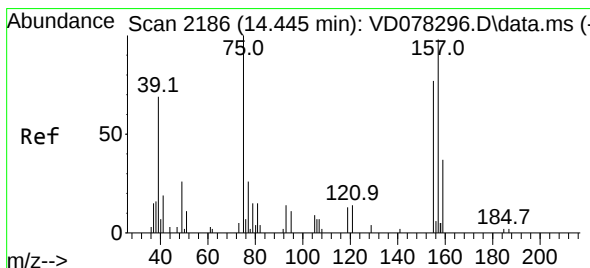
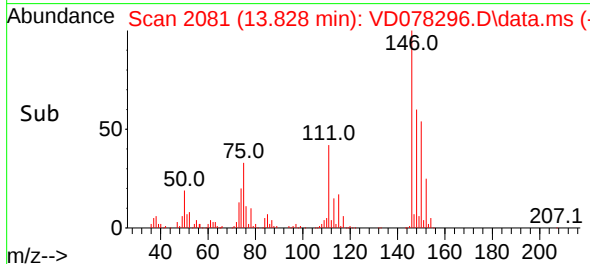
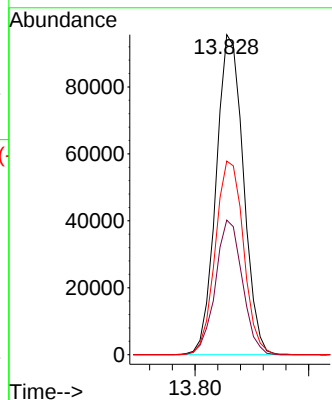
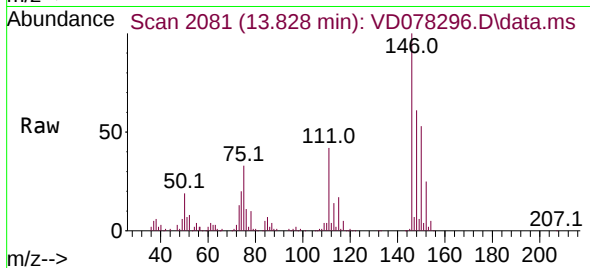




#67
1,2-Dichlorobenzene
Concen: 26.569 ug/L
RT: 13.828 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VD078296.D
Acq: 31 Jan 2024 17:40

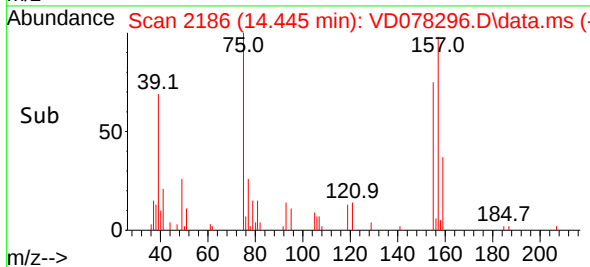
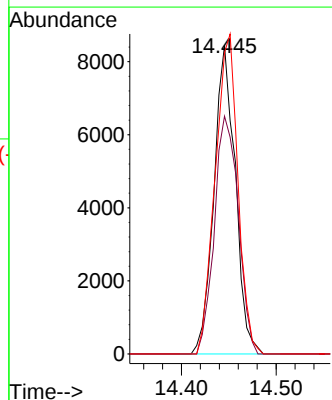
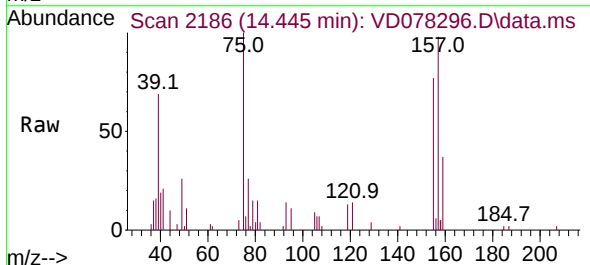
Instrument :
MSVOA_D
ClientSampleId :

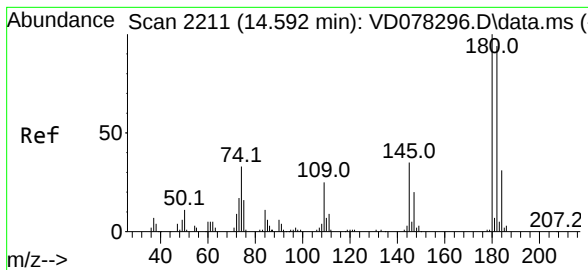
Tgt Ion:146 Resp: 159471
Ion Ratio Lower Upper
146 100
111 42.0 33.6 50.4
148 60.5 48.4 72.6



#68
1,2-Dibromo-3-chloropropane
Concen: 28.273 ug/L
RT: 14.445 min Scan# 2186
Delta R.T. 0.000 min
Lab File: VD078296.D
Acq: 31 Jan 2024 17:40

Tgt Ion: 75 Resp: 13237
Ion Ratio Lower Upper
75 100
155 77.0 61.6 92.4
157 97.6 78.1 117.1





#69

1,3,5-Trichlorobenzene

Concen: 23.339 ug/L

RT: 14.592 min Scan# 21

Delta R.T. 0.000 min

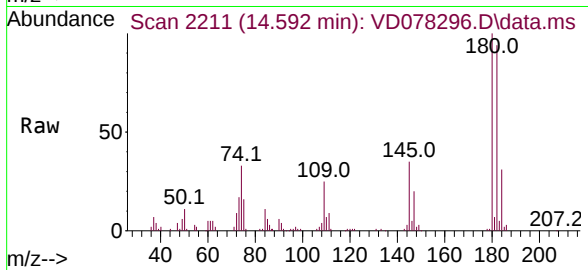
Lab File: VD078296.D

Acq: 31 Jan 2024 17:40

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:180 Resp: 102956

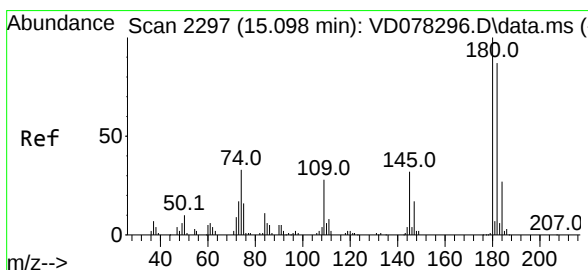
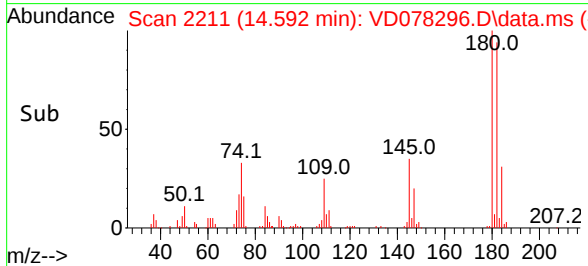
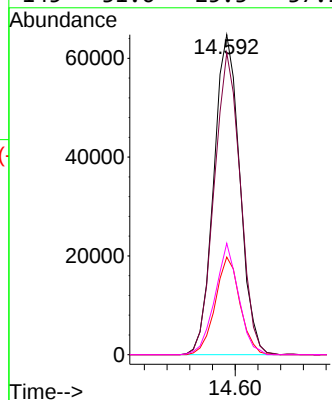
Ion Ratio Lower Upper

180 100

182 94.5 75.6 113.4

184 29.0 23.2 34.8

145 31.6 25.3 37.9



#70

1,2,4-trichlorobenzene

Concen: 22.768 ug/L

RT: 15.098 min Scan# 2297

Delta R.T. 0.000 min

Lab File: VD078296.D

Acq: 31 Jan 2024 17:40

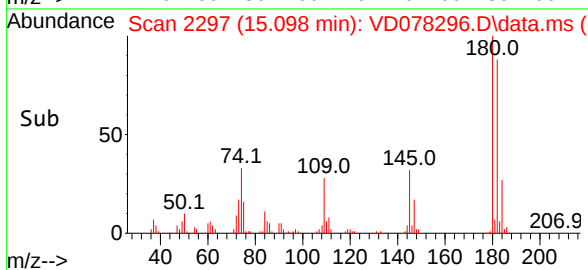
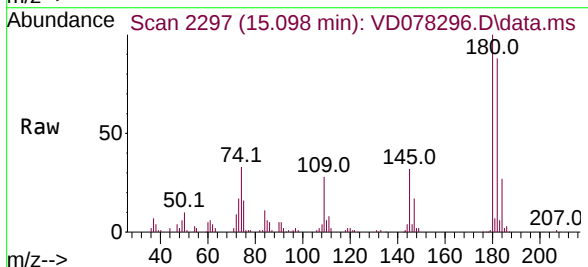
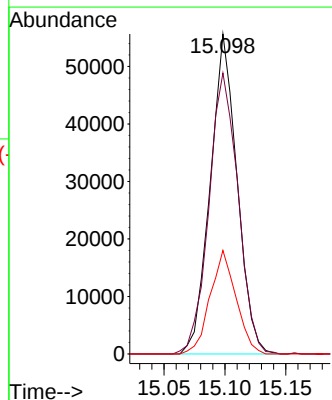
Tgt Ion:180 Resp: 85417

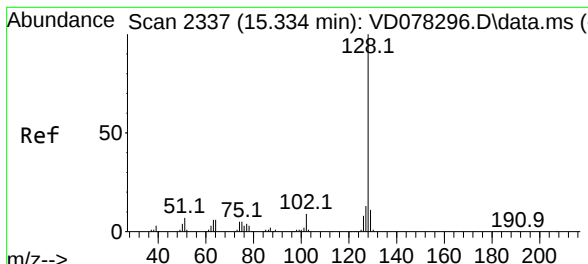
Ion Ratio Lower Upper

180 100

182 95.3 76.2 114.4

145 31.3 25.0 37.6

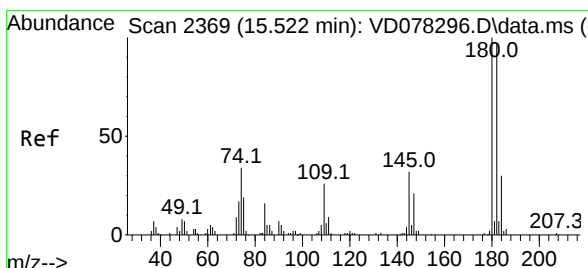
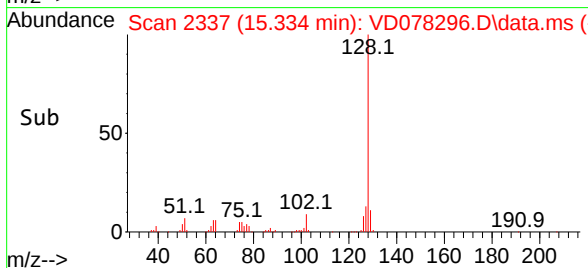
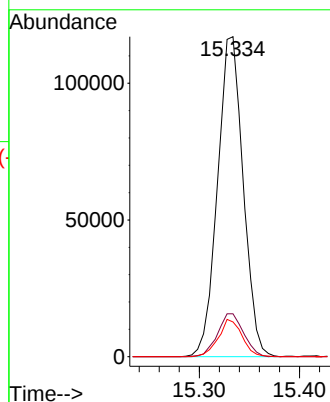
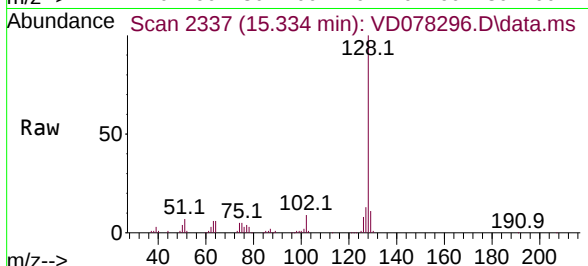




#71
Naphthalene
Concen: 28.524 ug/L
RT: 15.334 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD078296.D
Acq: 31 Jan 2024 17:40

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:	128	Resp:	207871
Ion Ratio	Lower	Upper	
128	100		
127	13.7	11.0	16.4
129	10.7	8.6	12.8



#72
1,2,3-Trichlorobenzene
Concen: 24.489 ug/L
RT: 15.522 min Scan# 2369
Delta R.T. 0.000 min
Lab File: VD078296.D
Acq: 31 Jan 2024 17:40

Tgt Ion:	180	Resp:	81948
Ion Ratio	Lower	Upper	
180	100		
182	94.2	75.4	113.0
145	33.5	26.8	40.2

