

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020124\
 Data File : VD078294.D
 Acq On : 31 Jan 2024 16:46
 Operator : RP/MD
 Sample : VSTD2.5
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Feb 01 03:59:10 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	197138	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	193822	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	84736	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	14586	2.622	ug/L	0.00
7) Chloroethane-d5	2.805	69	12708	2.850	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.916	65	3295	2.346	ug/L	0.00
21) 2-Butanone-d5	6.993	46	2990	4.155	ug/L	0.00
24) Chloroform-d	7.575	84	15103	2.760	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.234	65	7833	2.809	ug/L	0.00
32) Benzene-d6	8.204	84	29200	2.468	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.210	67	9409	2.613	ug/L	0.00
41) Toluene-d8	10.269	98	24565	2.267	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.528	79	3533	2.195	ug/L	0.00
47) 2-Hexanone-d5	10.881	63	2996	4.556	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.657	84	8372	3.026	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.816	152	8169	2.649	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	9585	2.862	ug/L	98
3) Chloromethane	2.152	50	14003	2.901	ug/L	95
5) Vinyl chloride	2.287	62	17563	2.947	ug/L	98
6) Bromomethane	2.693	94	6480	2.115	ug/L	90
8) Chloroethane	2.834	64	11520	3.079	ug/L	93
9) Trichlorofluoromethane	3.181	101	12024	2.424	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	3.969	101	6475	2.214	ug/L #	62
12) 1,1-Dichloroethene	3.934	96	3658	1.324	ug/L #	76
13) Acetone	4.034	43	4768	5.024	ug/L	60
14) Carbon disulfide	4.263	76	12785	1.303	ug/L	97
15) Methyl Acetate	4.569	43	3650	2.719	ug/L #	80
16) Methylene chloride	4.810	84	12220	3.353	ug/L	93
17) trans-1,2-Dichloroethene	5.310	96	4958	1.697	ug/L	91
18) Methyl tert-butyl Ether	5.322	73	15773	2.417	ug/L #	71
19) 1,1-Dichloroethane	6.110	63	13231	2.442	ug/L	90
20) cis-1,2-Dichloroethene	7.081	96	4759	1.466	ug/L #	65
22) 2-Butanone	7.087	43	2870	2.660	ug/L	96
23) Bromochloromethane	7.434	128	3408	2.465	ug/L	88
25) Chloroform	7.593	83	14542	2.678	ug/L	92
27) 1,2-Dichloroethane	8.322	62	9235	2.705	ug/L	98
29) Cyclohexane	7.875	56	6086	1.200	ug/L #	90
30) 1,1,1-Trichloroethane	7.798	97	11688	2.410	ug/L #	64
31) Carbon tetrachloride	7.987	117	10150	2.395	ug/L	99
33) Benzene	8.251	78	29170	2.241	ug/L	100
34) Trichloroethene	9.028	95	7864	2.444	ug/L	90
35) Methylcyclohexane	9.269	83	10822	1.938	ug/L	95
37) 1,2-Dichloropropane	9.304	63	7731	2.290	ug/L	98
38) Bromodichloromethane	9.587	83	10832	2.587	ug/L #	97
39) cis-1,3-Dichloropropene	10.016	75	11427	2.156	ug/L	84
40) 4-Methyl-2-pentanone	10.163	43	8594	4.392	ug/L	96
42) Toluene	10.334	91	28234	2.053	ug/L	99
44) trans-1,3-Dichloropropene	10.557	75	10063	2.246	ug/L	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020124\
 Data File : VD078294.D
 Acq On : 31 Jan 2024 16:46
 Operator : RP/MD
 Sample : VSTD2.5
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

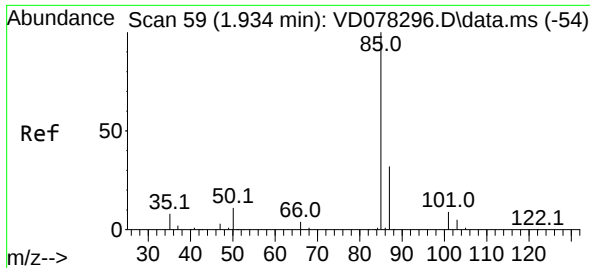
Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Feb 01 03:59:10 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	10.728	97	3622	1.518	ug/L	88
46) Tetrachloroethene	10.810	164	5447	2.170	ug/L #	83
48) 2-Hexanone	10.922	43	6487	3.944	ug/L	96
49) Dibromochloromethane	11.075	129	7093	2.536	ug/L	94
50) 1,2-Dibromoethane	11.175	107	6038	2.619	ug/L #	85
51) Chlorobenzene	11.604	112	20420	2.386	ug/L	97
52) Ethylbenzene	11.681	91	30434	2.010	ug/L	93
53) m,p-Xylene	11.798	106	12033	2.104	ug/L	73
54) o-Xylene	12.122	106	10466	1.908	ug/L	87
55) Styrene	12.134	104	18067	1.870	ug/L	83
57) 1,1,2,2-Tetrachloroethane	12.669	83	8116	2.817	ug/L #	93
59) Bromoform	12.298	173	3916	2.628	ug/L #	93
60) Isopropylbenzene	12.422	105	26088	2.022	ug/L	98
61) 1,2,3-Trichloropropane	12.722	75	5378	3.102	ug/L	94
62) 1,3,5-Trimethylbenzene	12.904	105	20245	2.079	ug/L	93
63) 1,2,4-Trimethylbenzene	13.210	105	18533	1.877	ug/L	99
64) 1,3-Dichlorobenzene	13.457	146	13085	2.338	ug/L	93
65) 1,4-Dichlorobenzene	13.539	146	13550	2.318	ug/L	94
67) 1,2-Dichlorobenzene	13.828	146	11796	2.314	ug/L	89
68) 1,2-Dibromo-3-chloropr...	14.451	75	1346	3.385	ug/L	88
69) 1,3,5-Trichlorobenzene	15.522	180	6540	1.746	ug/L	94
70) 1,2,4-trichlorobenzene	15.104	180	6530	2.049	ug/L	97
71) Naphthalene	15.333	128	14060	2.272	ug/L	97
72) 1,2,3-Trichlorobenzene	15.522	180	6540	2.301	ug/L	92

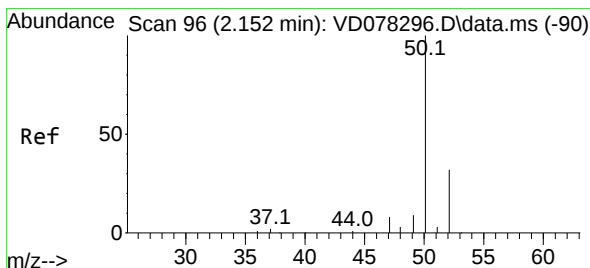
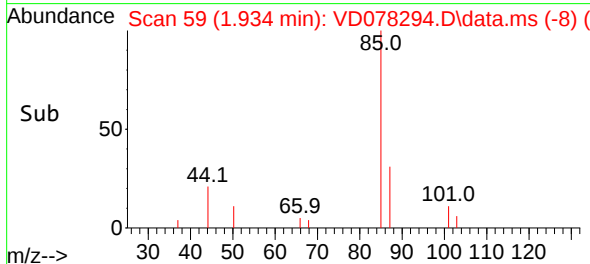
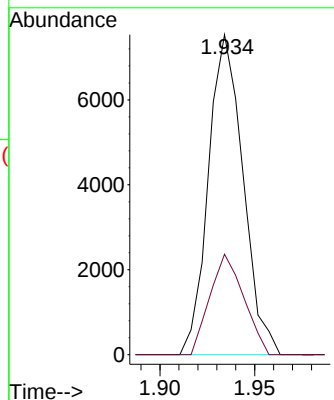
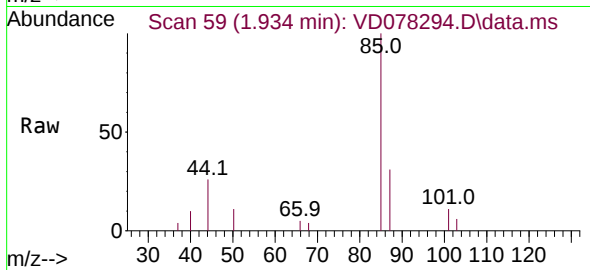
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 2.862 ug/L
RT: 1.934 min Scan# 59
Delta R.T. -0.000 min
Lab File: VD078294.D
Acq: 31 Jan 2024 16:46

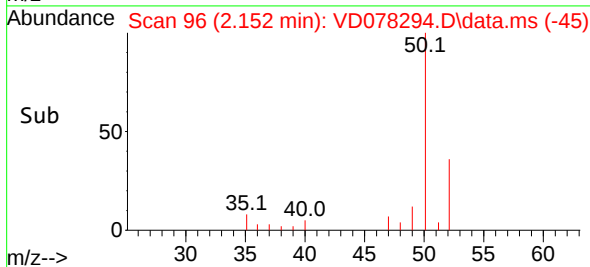
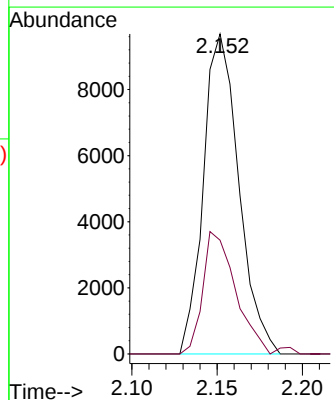
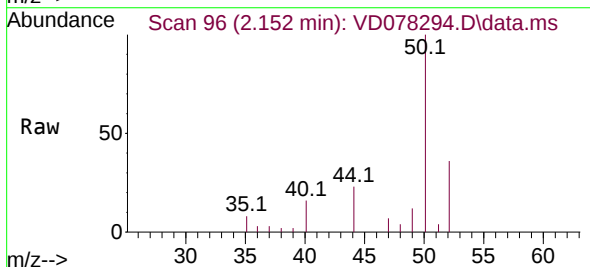
Instrument :
MSVOA_D
ClientSampleId :

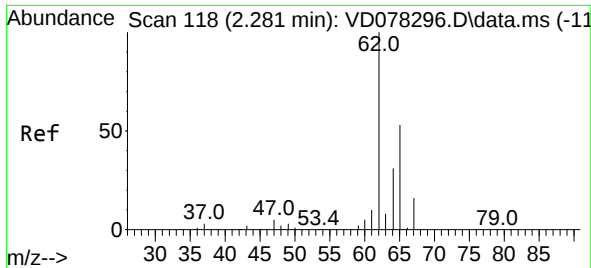
Tgt Ion: 85 Resp: 9585
Ion Ratio Lower Upper
85 100
87 30.7 25.3 37.9



#3
Chloromethane
Concen: 2.901 ug/L
RT: 2.152 min Scan# 96
Delta R.T. -0.000 min
Lab File: VD078294.D
Acq: 31 Jan 2024 16:46

Tgt Ion: 50 Resp: 14003
Ion Ratio Lower Upper
50 100
52 35.6 22.7 42.3

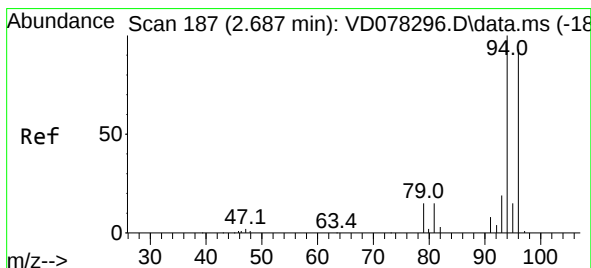
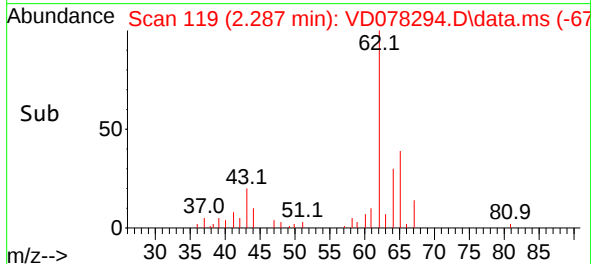
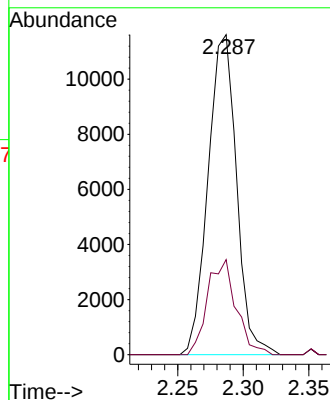
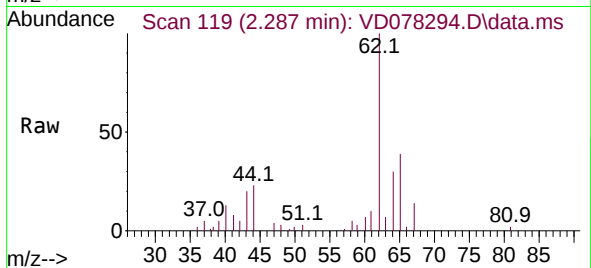




#5
 Vinyl chloride
 Concen: 2.947 ug/L
 RT: 2.287 min Scan# 118
 Delta R.T. 0.006 min
 Lab File: VD078294.D
 Acq: 31 Jan 2024 16:46

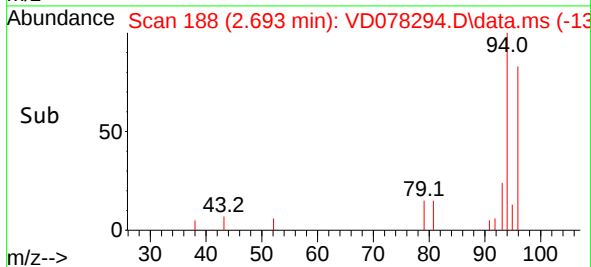
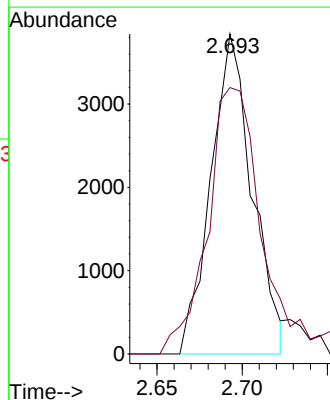
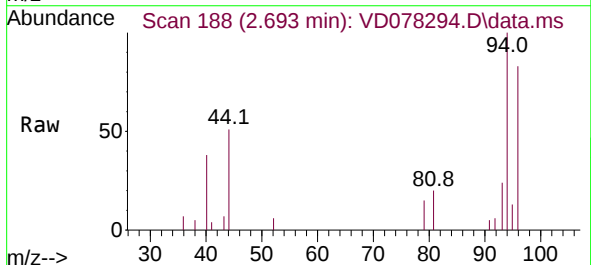
Instrument :
 MSVOA_D
 ClientSampleId :

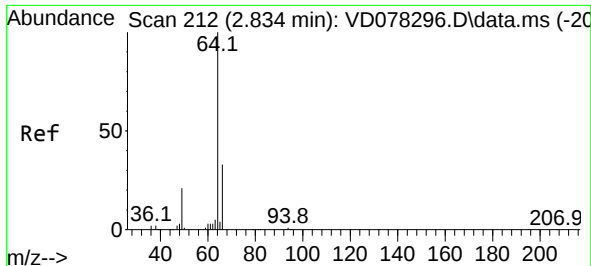
Tgt Ion: 62 Resp: 17563
 Ion Ratio Lower Upper
 62 100
 64 29.7 21.7 40.3



#6
 Bromomethane
 Concen: 2.115 ug/L
 RT: 2.693 min Scan# 188
 Delta R.T. 0.006 min
 Lab File: VD078294.D
 Acq: 31 Jan 2024 16:46

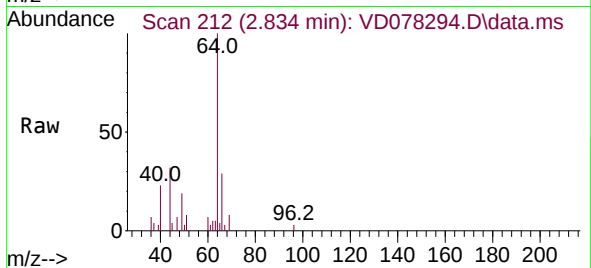
Tgt Ion: 94 Resp: 6480
 Ion Ratio Lower Upper
 94 100
 96 83.2 64.8 120.4



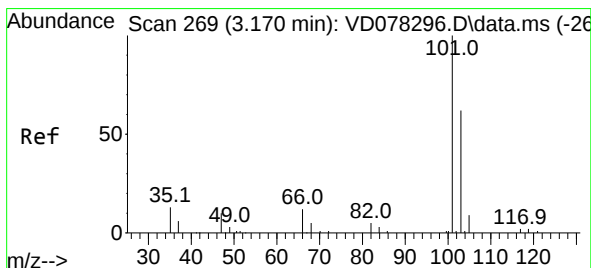
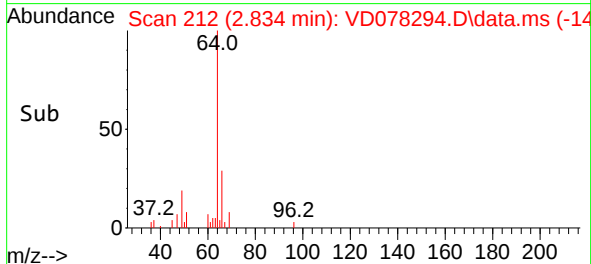
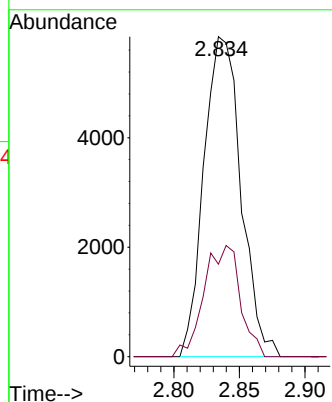


#8
Chloroethane
Concen: 3.079 ug/L
RT: 2.834 min Scan# 212
Delta R.T. -0.000 min
Lab File: VD078294.D
Acq: 31 Jan 2024 16:46

Instrument :
MSVOA_D
ClientSampleId :

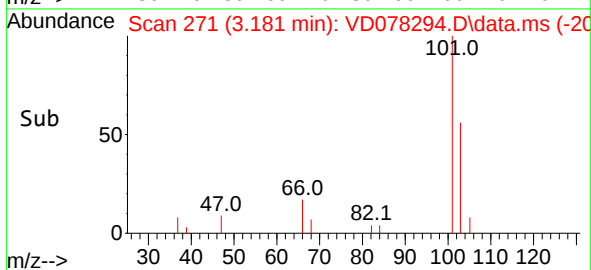
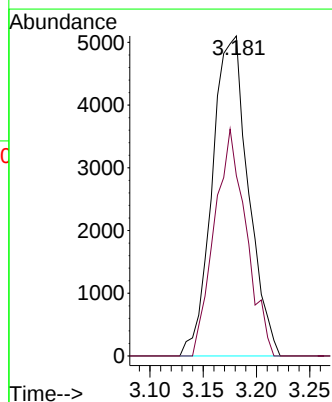
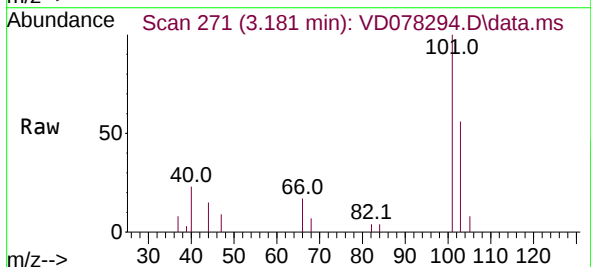


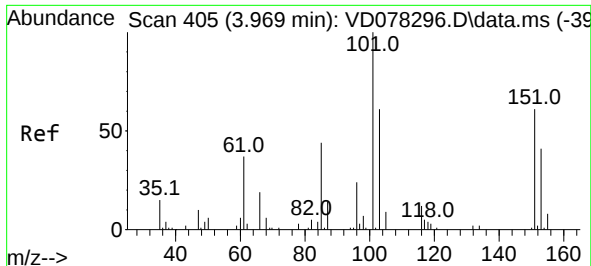
Tgt Ion: 64 Resp: 11520
Ion Ratio Lower Upper
64 100
66 28.9 22.8 42.4



#9
Trichlorofluoromethane
Concen: 2.424 ug/L
RT: 3.181 min Scan# 271
Delta R.T. 0.012 min
Lab File: VD078294.D
Acq: 31 Jan 2024 16:46

Tgt Ion: 101 Resp: 12024
Ion Ratio Lower Upper
101 100
103 62.5 51.1 76.7

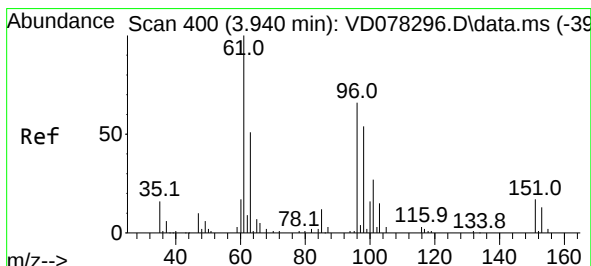
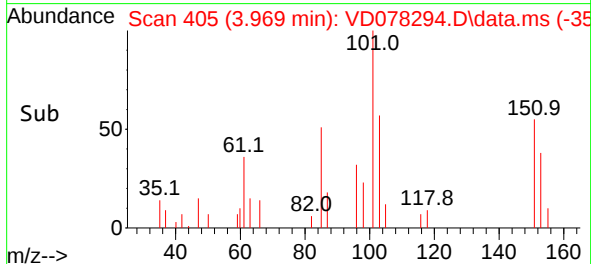
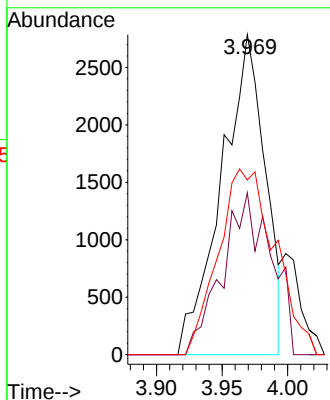
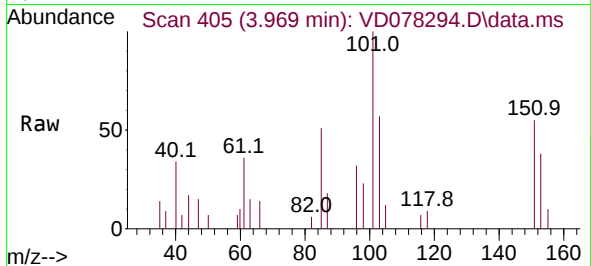




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 2.214 ug/L
RT: 3.969 min Scan# 405
Delta R.T. -0.000 min
Lab File: VD078294.D
Acq: 31 Jan 2024 16:46

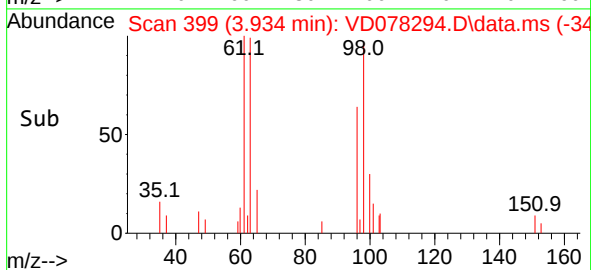
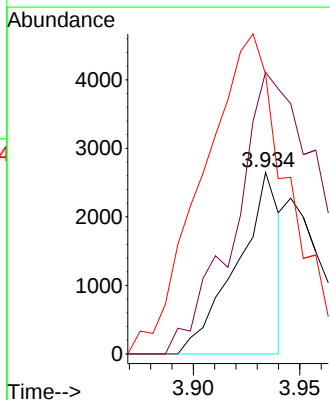
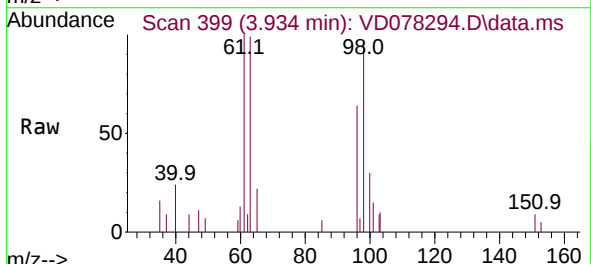
Instrument :
MSVOA_D
ClientSampleId :

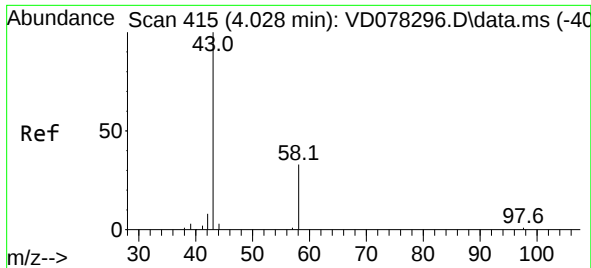
Tgt Ion:101 Resp: 6475
Ion Ratio Lower Upper
101 100
85 13.6 34.6 51.8#
151 41.6 54.6 81.8#



#12
1,1-Dichloroethene
Concen: 1.324 ug/L
RT: 3.934 min Scan# 399
Delta R.T. -0.006 min
Lab File: VD078294.D
Acq: 31 Jan 2024 16:46

Tgt Ion: 96 Resp: 3658
Ion Ratio Lower Upper
96 100
61 155.2 108.8 202.2
63 154.1 65.2 121.0#





#13

Acetone

Concen: 5.024 ug/L

RT: 4.034 min Scan# 416

Delta R.T. 0.006 min

Lab File: VD078294.D

Acq: 31 Jan 2024 16:46

Instrument :

MSVOA_D

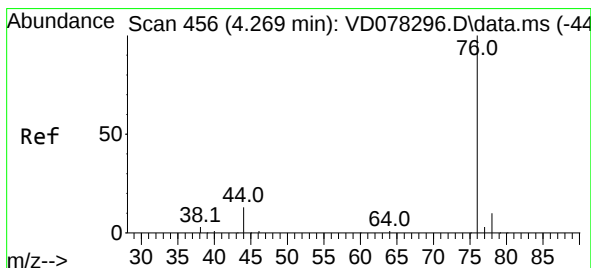
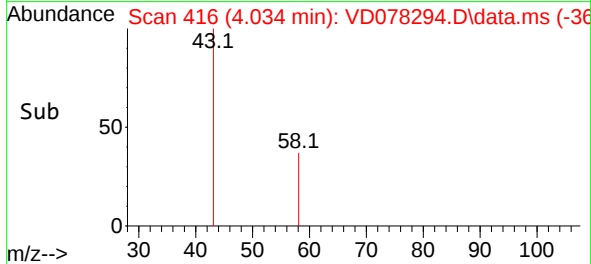
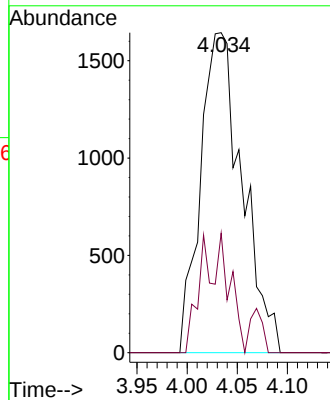
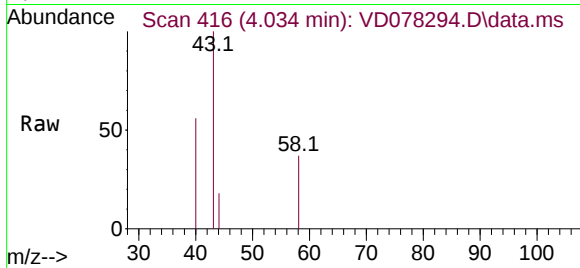
ClientSampleId :

Tgt Ion: 43 Resp: 4768

Ion Ratio Lower Upper

43 100

58 10.9 0.0 67.2



#14

Carbon disulfide

Concen: 1.303 ug/L

RT: 4.263 min Scan# 455

Delta R.T. -0.006 min

Lab File: VD078294.D

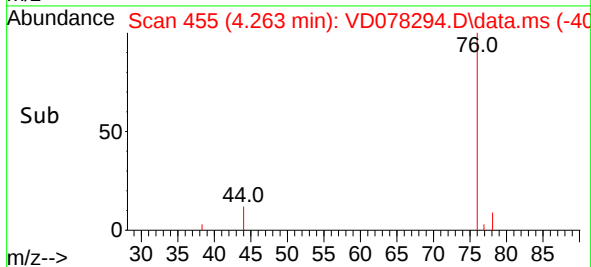
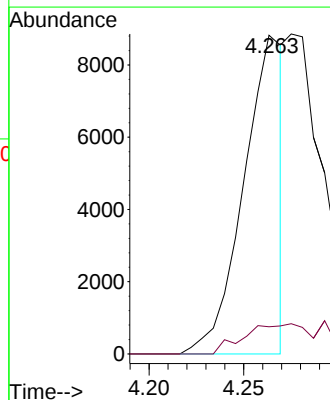
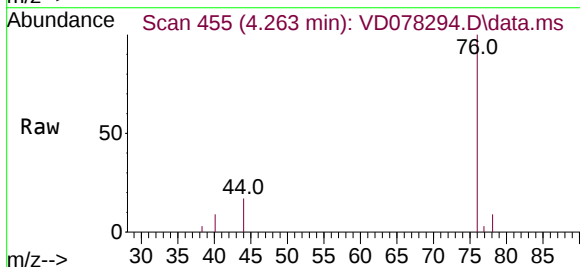
Acq: 31 Jan 2024 16:46

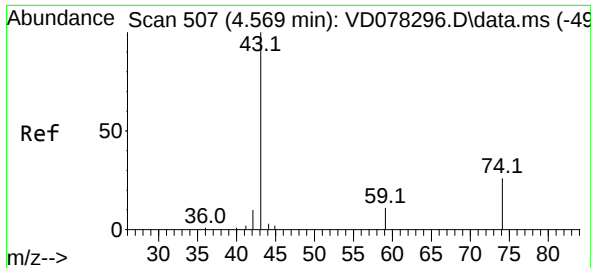
Tgt Ion: 76 Resp: 12785

Ion Ratio Lower Upper

76 100

78 8.5 7.8 11.8

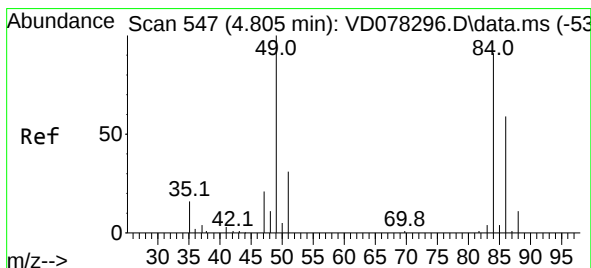
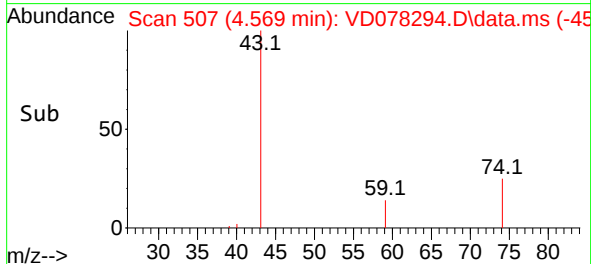
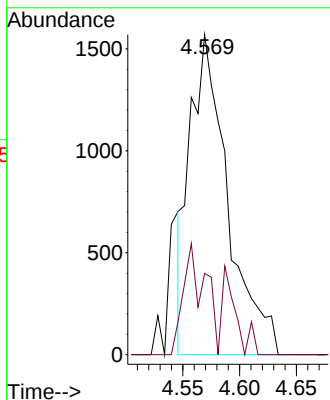
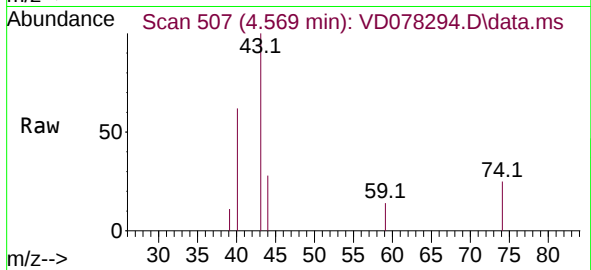




#15
Methyl Acetate
Concen: 2.719 ug/L
RT: 4.569 min Scan# 507
Delta R.T. -0.000 min
Lab File: VD078294.D
Acq: 31 Jan 2024 16:46

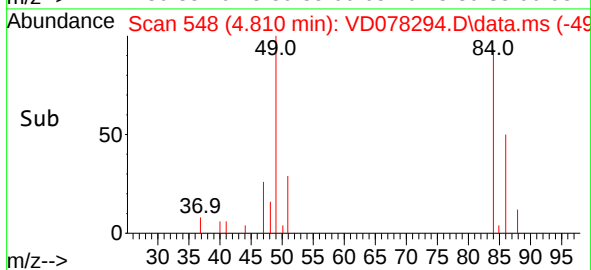
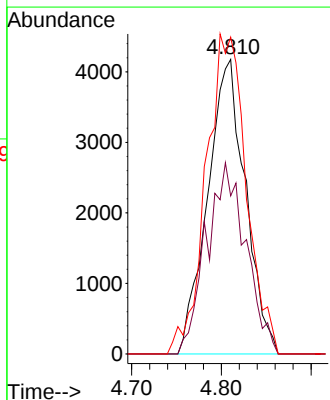
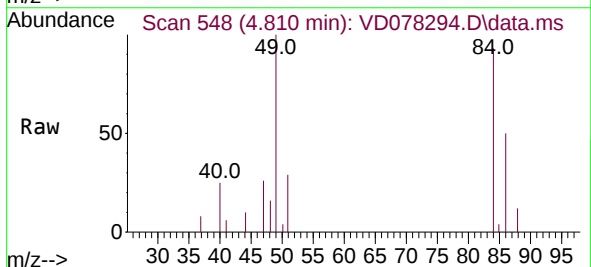
Instrument :
MSVOA_D
ClientSampleId :

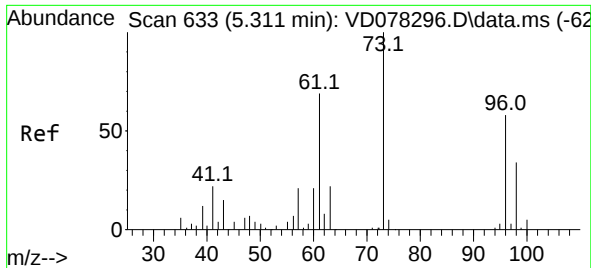
Tgt Ion: 43 Resp: 3650
Ion Ratio Lower Upper
43 100
74 7.5 12.7 19.1#



#16
Methylene chloride
Concen: 3.353 ug/L
RT: 4.810 min Scan# 548
Delta R.T. 0.006 min
Lab File: VD078294.D
Acq: 31 Jan 2024 16:46

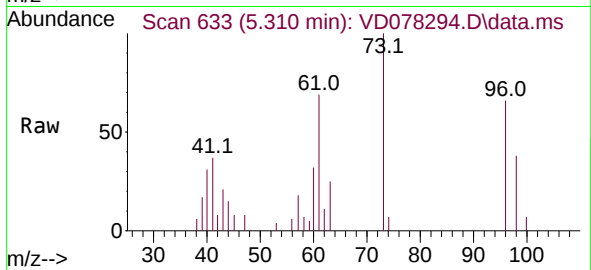
Tgt Ion: 84 Resp: 12220
Ion Ratio Lower Upper
84 100
86 53.7 45.4 84.2
49 107.5 77.3 143.7



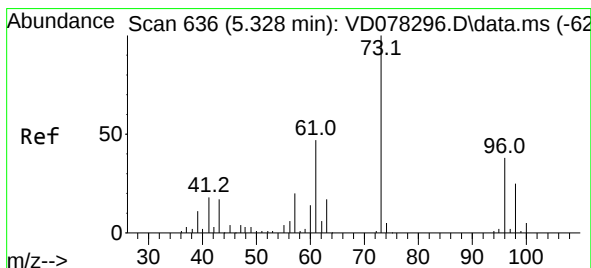
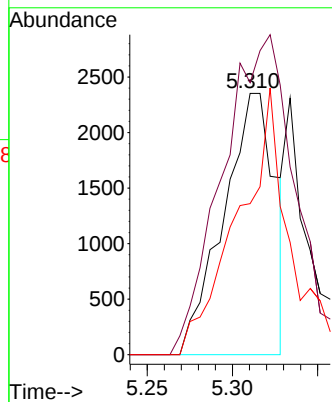
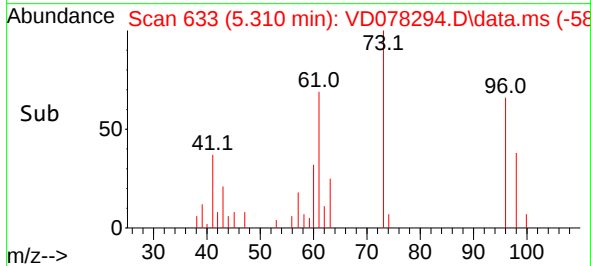


#17
trans-1,2-Dichloroethene
Concen: 1.697 ug/L
RT: 5.310 min Scan# 611
Delta R.T. -0.000 min
Lab File: VD078294.D
Acq: 31 Jan 2024 16:46

Instrument :
MSVOA_D
ClientSampleId :

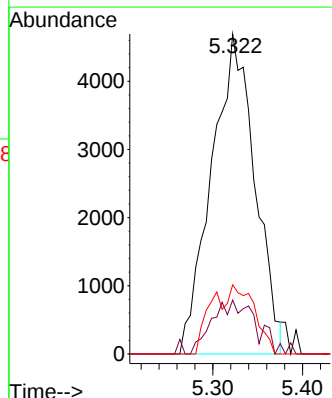
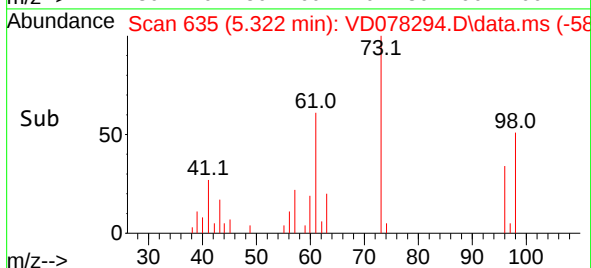
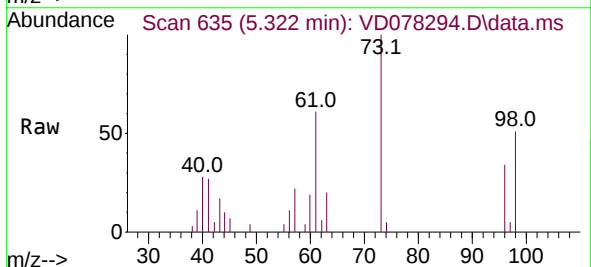


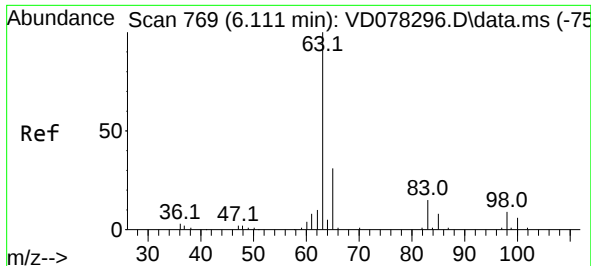
Tgt Ion: 96 Resp: 4958
Ion Ratio Lower Upper
96 100
61 104.1 82.7 153.7
98 57.8 40.7 75.7



#18
Methyl tert-butyl Ether
Concen: 2.417 ug/L
RT: 5.322 min Scan# 635
Delta R.T. -0.006 min
Lab File: VD078294.D
Acq: 31 Jan 2024 16:46

Tgt Ion: 73 Resp: 15773
Ion Ratio Lower Upper
73 100
43 10.1 13.3 19.9#
57 2.8 17.2 25.8#





#19

1,1-Dichloroethane

Concen: 2.442 ug/L

RT: 6.110 min Scan# 769

Delta R.T. -0.000 min

Lab File: VD078294.D

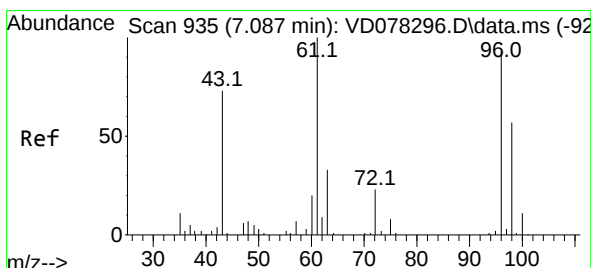
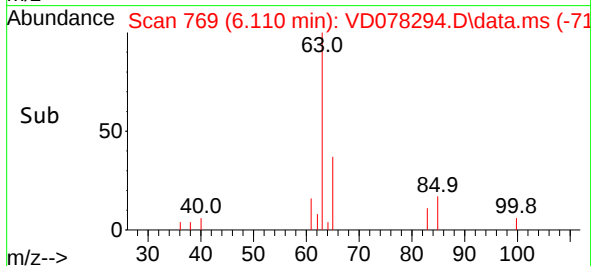
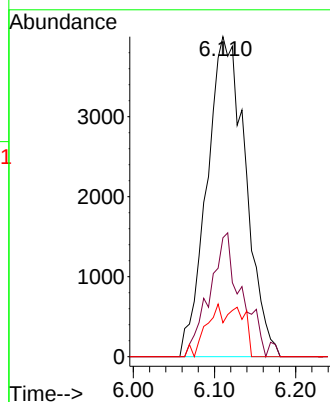
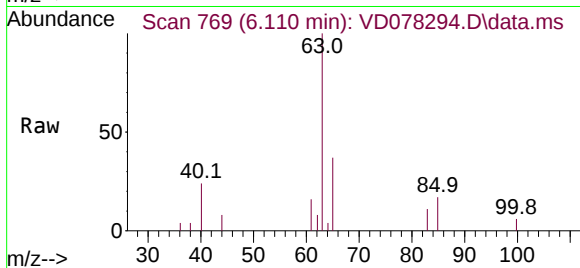
Acq: 31 Jan 2024 16:46

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 63	Resp: 13231
Ion Ratio	Lower Upper
63 100	
65 37.1	21.8 40.4
83 10.6	10.1 18.9



#20

cis-1,2-Dichloroethene

Concen: 1.466 ug/L

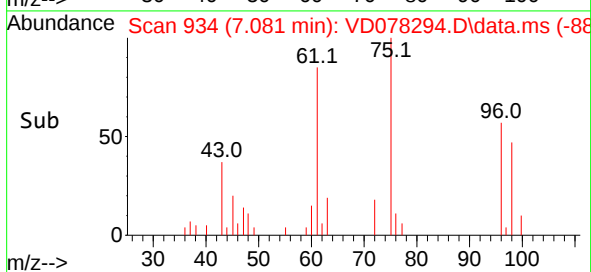
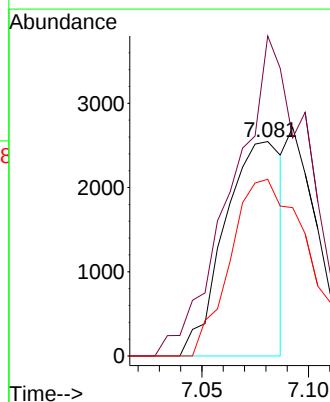
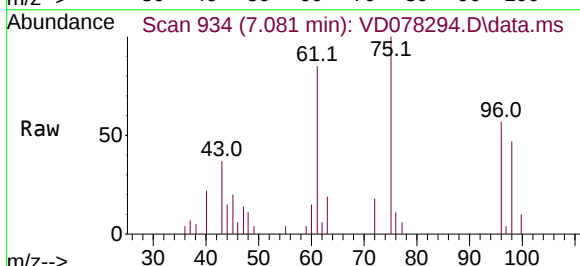
RT: 7.081 min Scan# 934

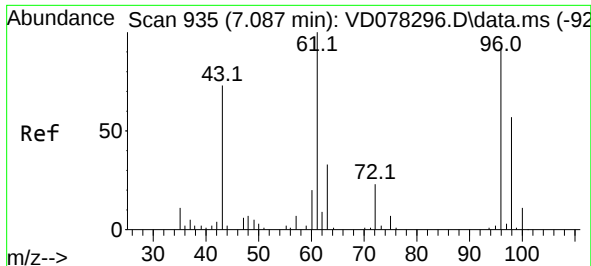
Delta R.T. -0.006 min

Lab File: VD078294.D

Acq: 31 Jan 2024 16:46

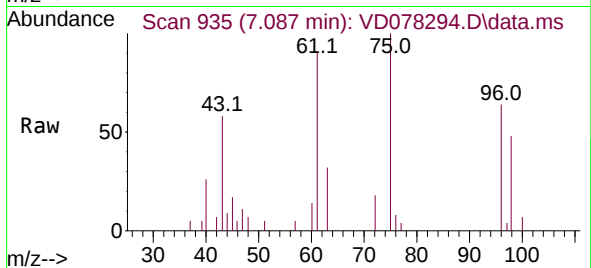
Tgt Ion: 96	Resp: 4759
Ion Ratio	Lower Upper
96 100	
61 149.2	75.6 140.4#
98 82.3	43.1 80.1#



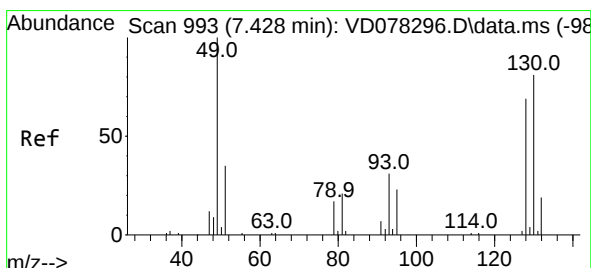
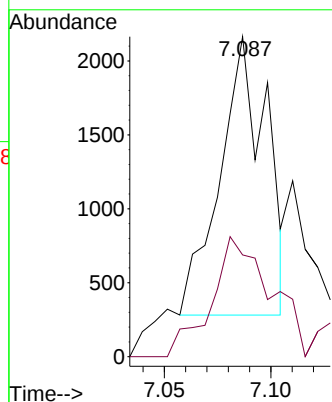
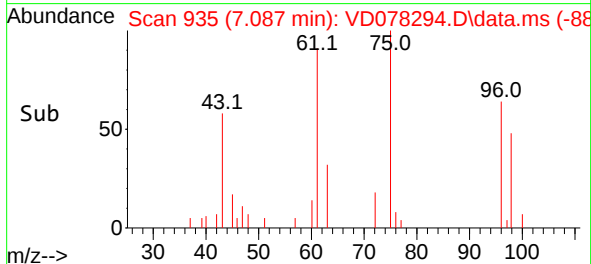


#22
2-Butanone
Concen: 2.660 ug/L
RT: 7.087 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD078294.D
Acq: 31 Jan 2024 16:46

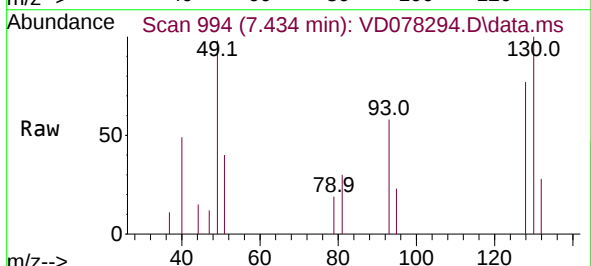
Instrument :
MSVOA_D
ClientSampleId :



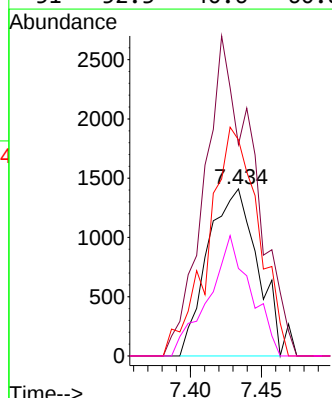
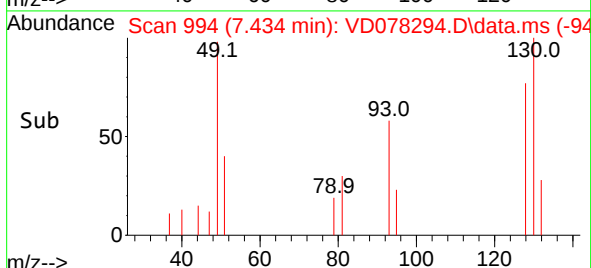
Tgt Ion: 43 Resp: 2870
Ion Ratio Lower Upper
43 100
72 28.7 15.4 46.2

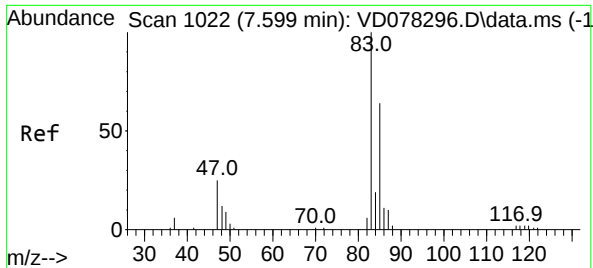


#23
Bromochloromethane
Concen: 2.465 ug/L
RT: 7.434 min Scan# 994
Delta R.T. 0.006 min
Lab File: VD078294.D
Acq: 31 Jan 2024 16:46



Tgt Ion: 128 Resp: 3408
Ion Ratio Lower Upper
128 100
49 126.5 102.7 190.7
130 129.4 82.6 153.4
51 52.3 40.6 60.8





#25

Chloroform

Concen: 2.678 ug/L

RT: 7.593 min Scan# 1021

Delta R.T. -0.006 min

Lab File: VD078294.D

Acq: 31 Jan 2024 16:46

Instrument :

MSVOA_D

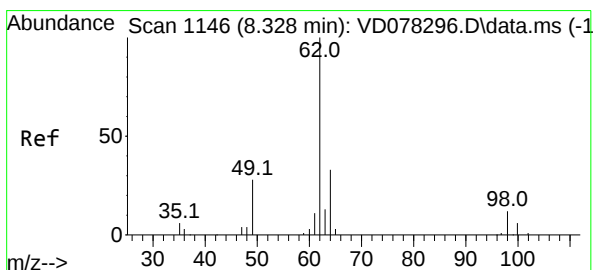
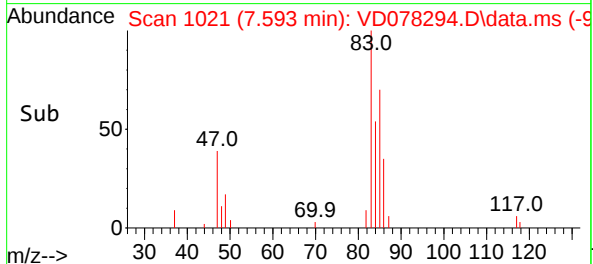
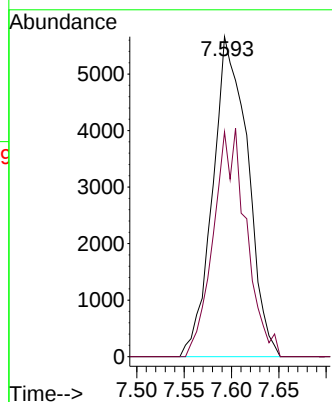
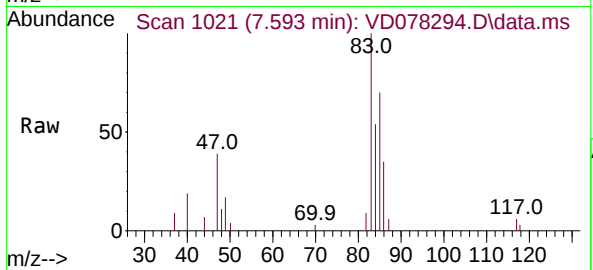
ClientSampleId :

Tgt Ion: 83 Resp: 14542

Ion Ratio Lower Upper

83 100

85 70.3 44.9 83.3



#27

1,2-Dichloroethane

Concen: 2.705 ug/L

RT: 8.322 min Scan# 1145

Delta R.T. -0.006 min

Lab File: VD078294.D

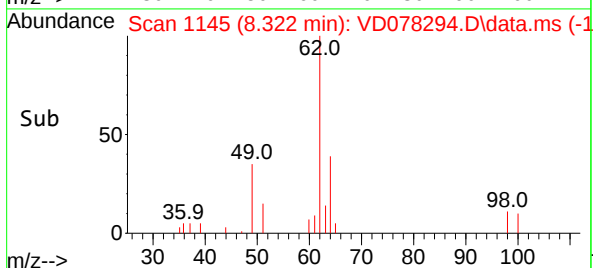
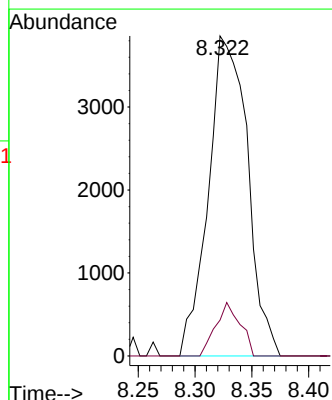
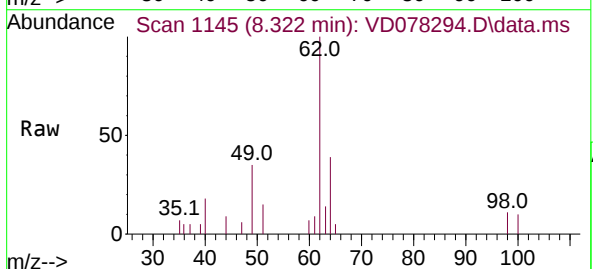
Acq: 31 Jan 2024 16:46

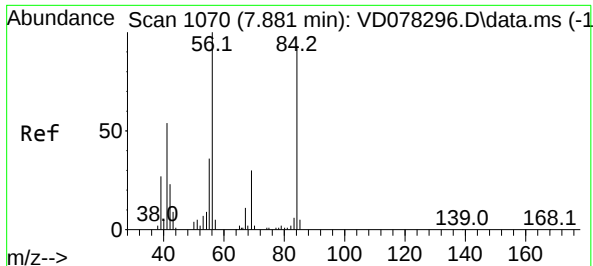
Tgt Ion: 62 Resp: 9235

Ion Ratio Lower Upper

62 100

98 11.2 9.5 14.3





#29

Cyclohexane

Concen: 1.200 ug/L

RT: 7.875 min Scan# 1069

Delta R.T. -0.006 min

Lab File: VD078294.D

Acq: 31 Jan 2024 16:46

Instrument :

MSVOA_D

ClientSampleId :

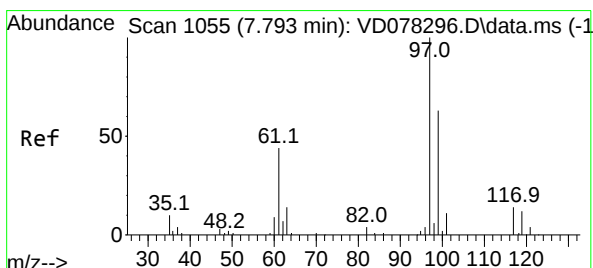
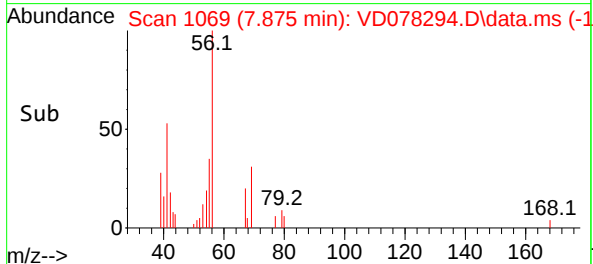
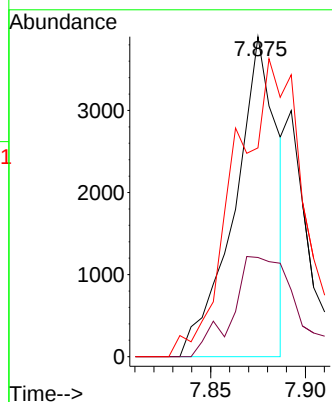
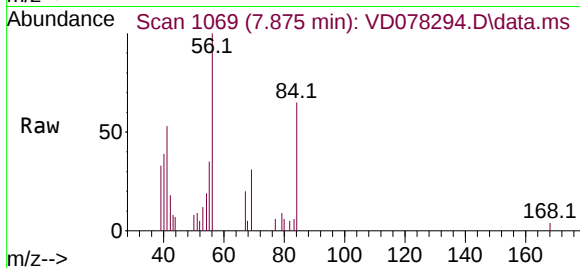
Tgt Ion: 56 Resp: 6086

Ion Ratio Lower Upper

56 100

69 40.6 23.3 34.9#

84 99.8 74.7 112.1



#30

1,1,1-Trichloroethane

Concen: 2.410 ug/L

RT: 7.798 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VD078294.D

Acq: 31 Jan 2024 16:46

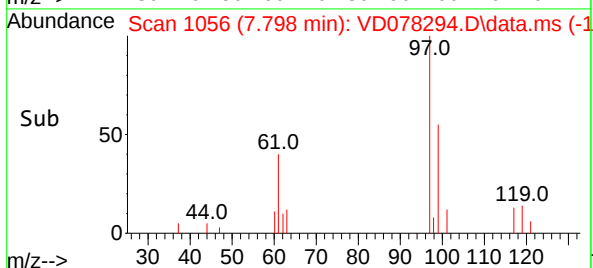
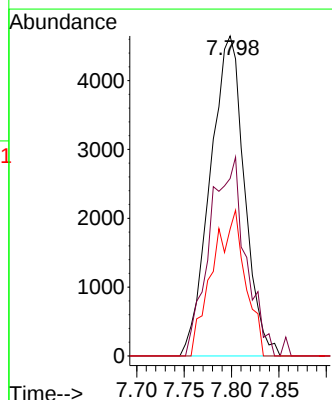
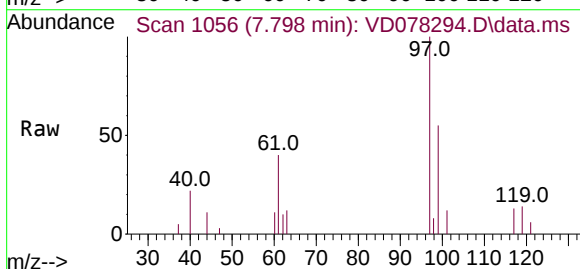
Tgt Ion: 97 Resp: 11688

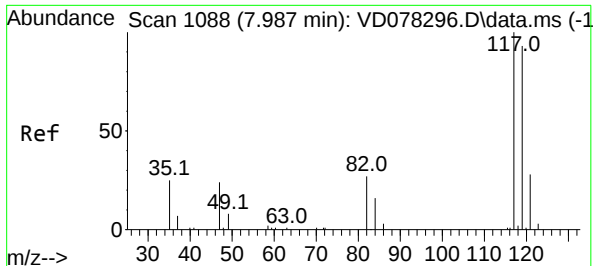
Ion Ratio Lower Upper

97 100

99 32.7 50.7 76.1#

61 23.1 34.4 51.6#

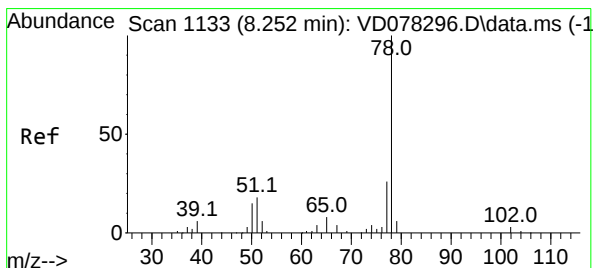
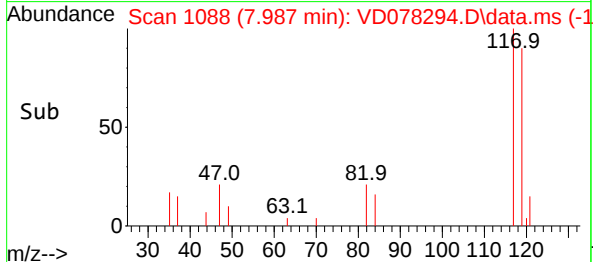
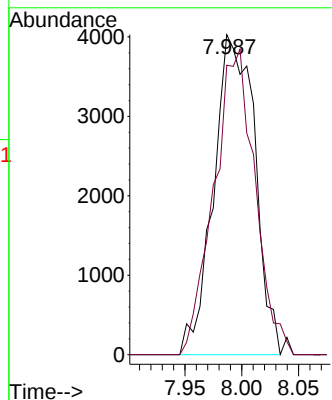
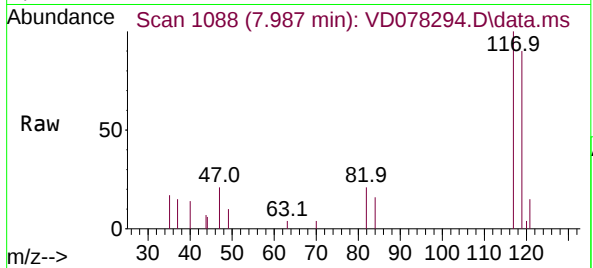




#31
Carbon tetrachloride
Concen: 2.395 ug/L
RT: 7.987 min Scan# 1088
Delta R.T. -0.000 min
Lab File: VD078294.D
Acq: 31 Jan 2024 16:46

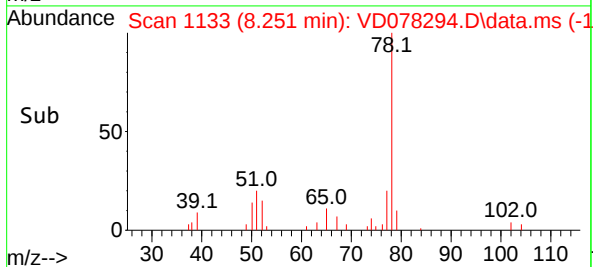
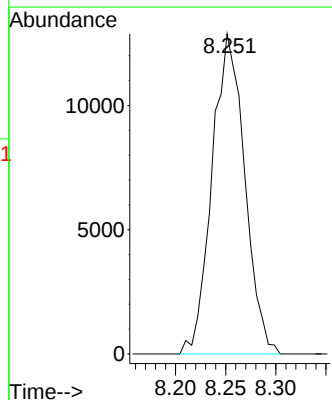
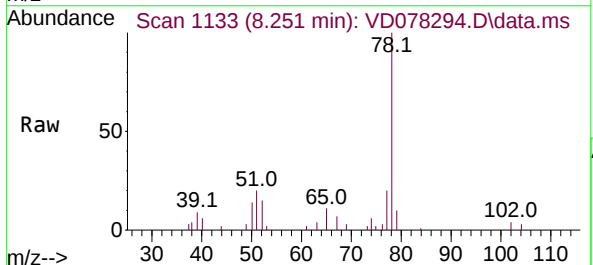
Instrument :
MSVOA_D
ClientSampleId :

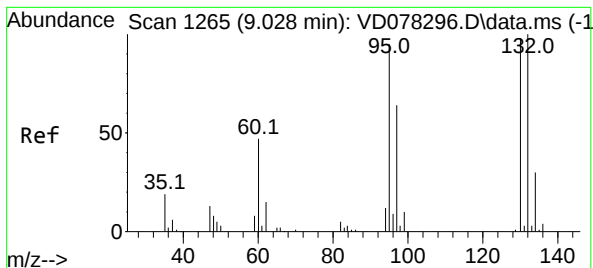
Tgt Ion:117 Resp: 10150
Ion Ratio Lower Upper
117 100
119 95.2 77.0 115.4



#33
Benzene
Concen: 2.241 ug/L
RT: 8.251 min Scan# 1133
Delta R.T. -0.000 min
Lab File: VD078294.D
Acq: 31 Jan 2024 16:46

Tgt Ion: 78 Resp: 29170





#34

Trichloroethene

Concen: 2.444 ug/L

RT: 9.028 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD078294.D

Acq: 31 Jan 2024 16:46

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 95 Resp: 7864

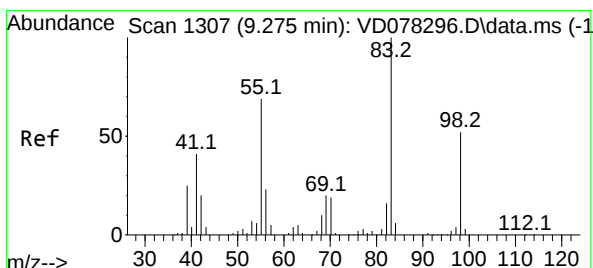
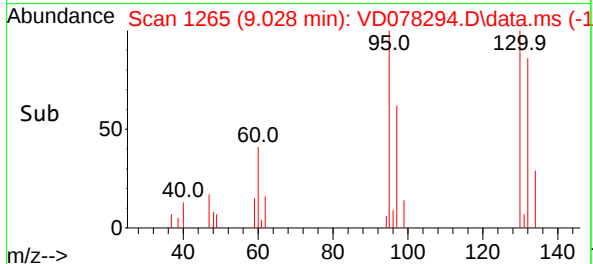
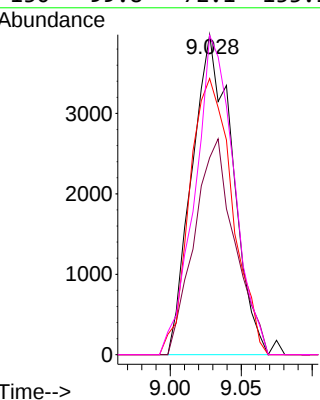
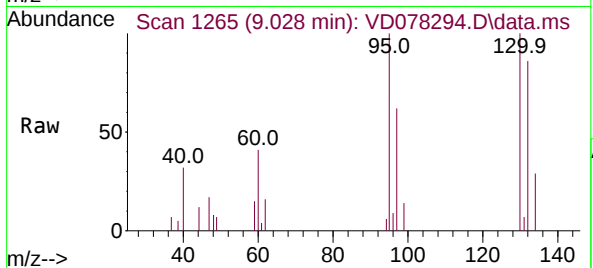
Ion Ratio Lower Upper

95 100

97 61.6 46.9 87.1

132 86.3 73.7 136.9

130 99.8 72.1 133.9



#35

Methylcyclohexane

Concen: 1.938 ug/L

RT: 9.269 min Scan# 1306

Delta R.T. -0.006 min

Lab File: VD078294.D

Acq: 31 Jan 2024 16:46

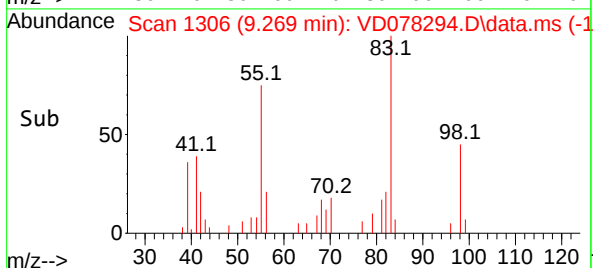
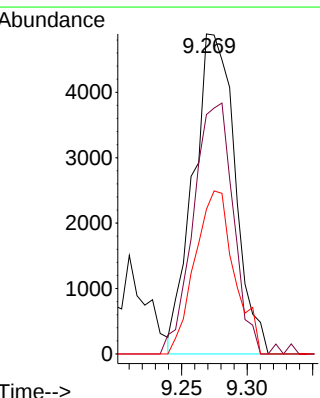
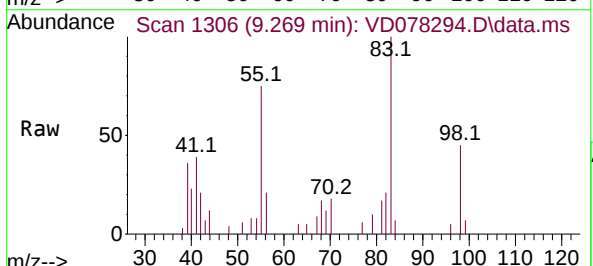
Tgt Ion: 83 Resp: 10822

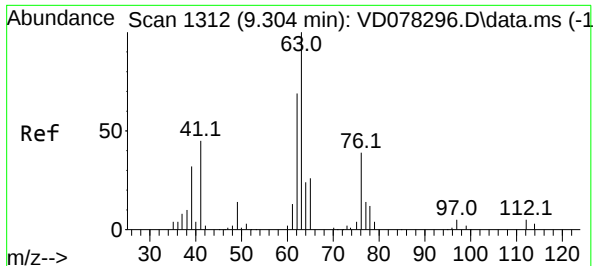
Ion Ratio Lower Upper

83 100

55 74.9 56.2 84.4

98 48.1 41.2 61.8





#37

1,2-Dichloropropane

Concen: 2.290 ug/L

RT: 9.304 min Scan# 1312

Delta R.T. -0.000 min

Lab File: VD078294.D

Acq: 31 Jan 2024 16:46

Instrument :

MSVOA_D

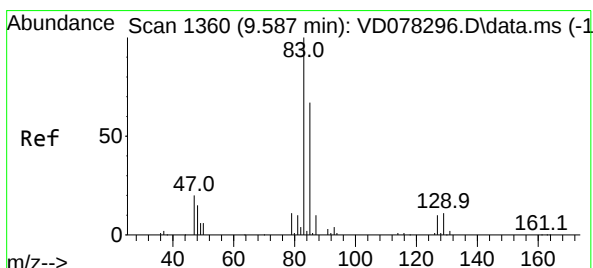
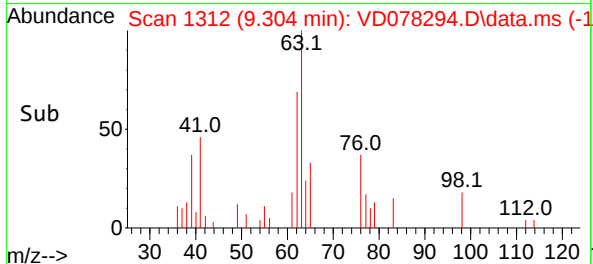
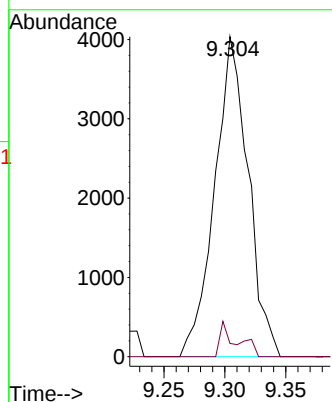
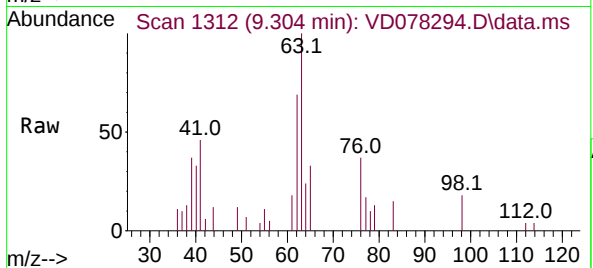
ClientSampleId :

Tgt Ion: 63 Resp: 7731

Ion Ratio Lower Upper

63 100

112 3.5 3.4 5.2



#38

Bromodichloromethane

Concen: 2.587 ug/L

RT: 9.587 min Scan# 1360

Delta R.T. -0.000 min

Lab File: VD078294.D

Acq: 31 Jan 2024 16:46

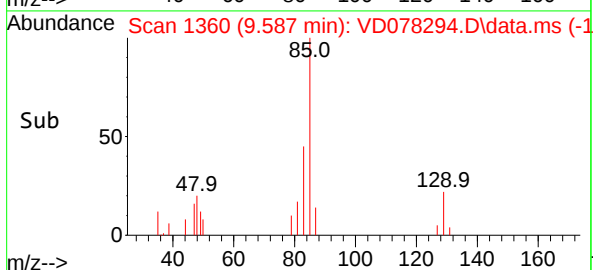
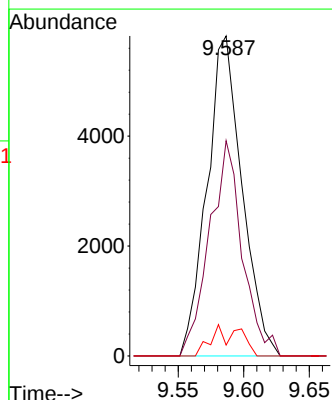
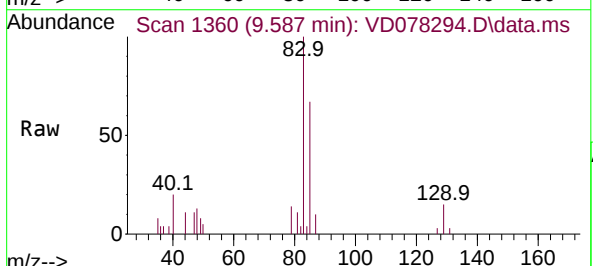
Tgt Ion: 83 Resp: 10832

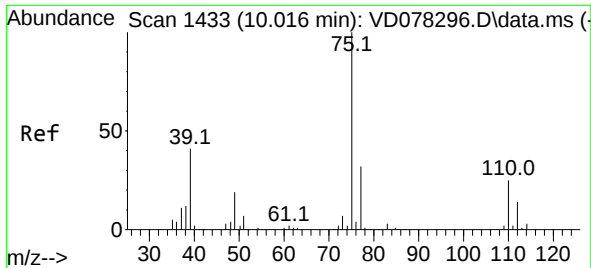
Ion Ratio Lower Upper

83 100

85 67.2 46.6 86.6

127 3.4 8.1 12.1#

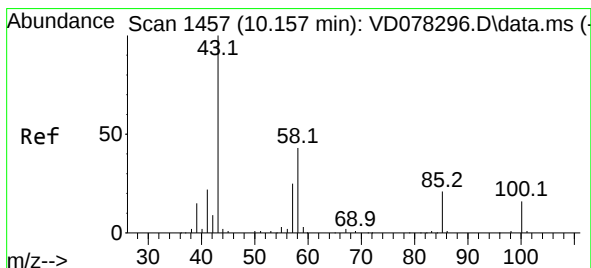
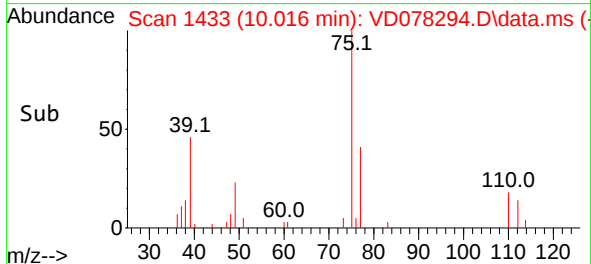
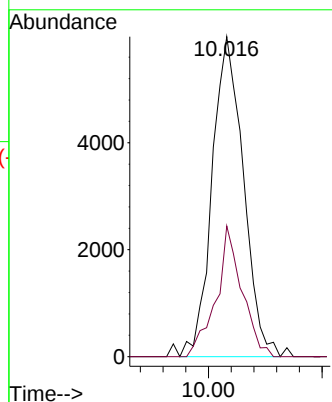
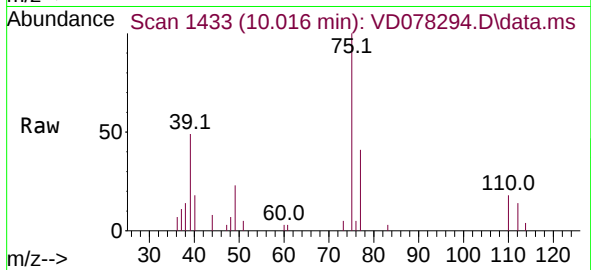




#39
 cis-1,3-Dichloropropene
 Concen: 2.156 ug/L
 RT: 10.016 min Scan# 1433
 Delta R.T. -0.000 min
 Lab File: VD078294.D
 Acq: 31 Jan 2024 16:46

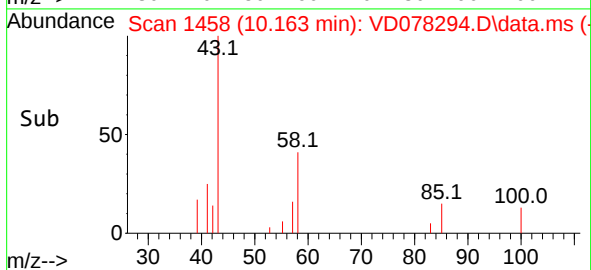
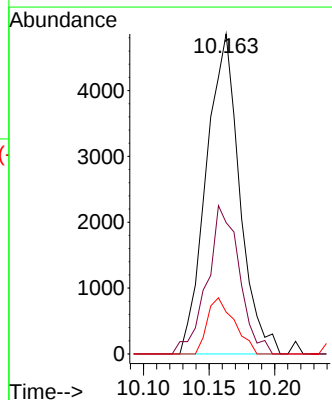
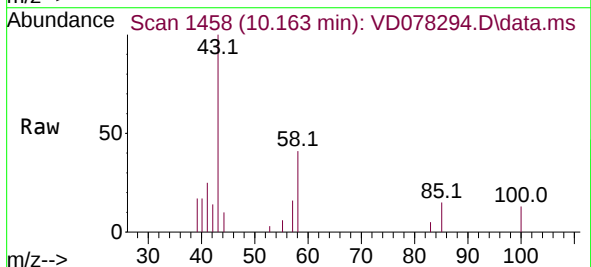
Instrument :
 MSVOA_D
 ClientSampleId :

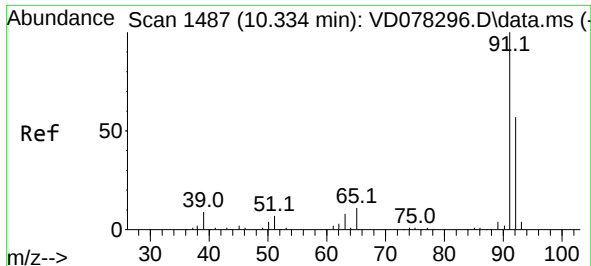
Tgt Ion: 75 Resp: 11427
 Ion Ratio Lower Upper
 75 100
 77 40.8 22.3 41.5



#40
 4-Methyl-2-pentanone
 Concen: 4.392 ug/L
 RT: 10.163 min Scan# 1458
 Delta R.T. 0.006 min
 Lab File: VD078294.D
 Acq: 31 Jan 2024 16:46

Tgt Ion: 43 Resp: 8594
 Ion Ratio Lower Upper
 43 100
 58 44.7 34.0 51.0
 100 14.2 13.2 19.8

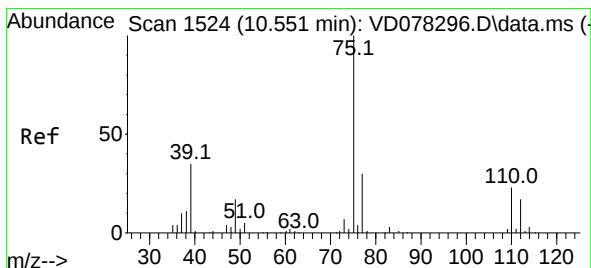
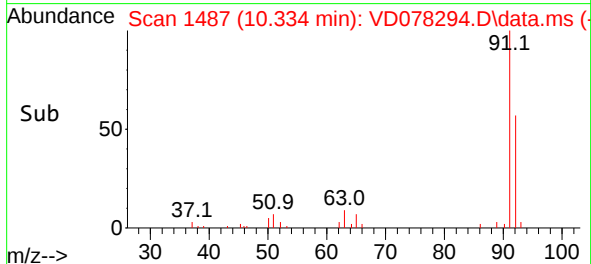
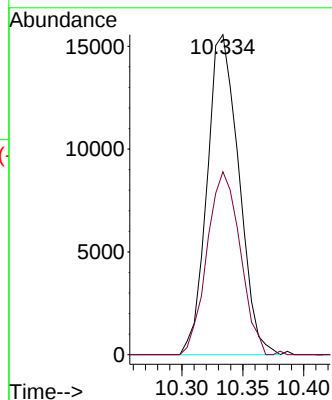
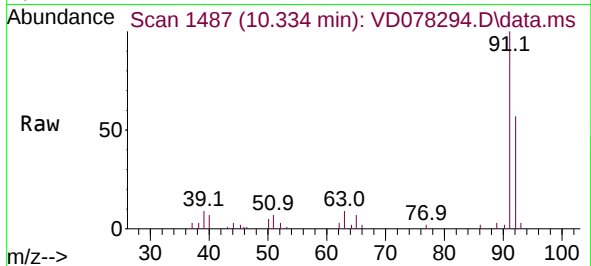




#42
Toluene
Concen: 2.053 ug/L
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD078294.D
Acq: 31 Jan 2024 16:46

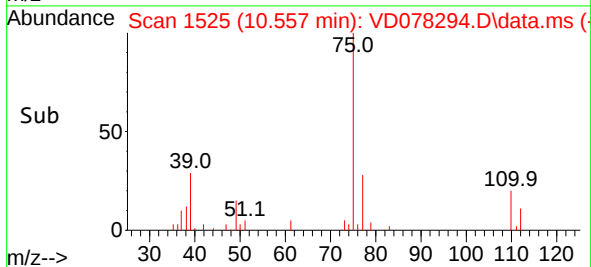
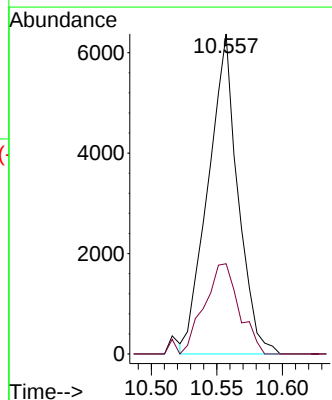
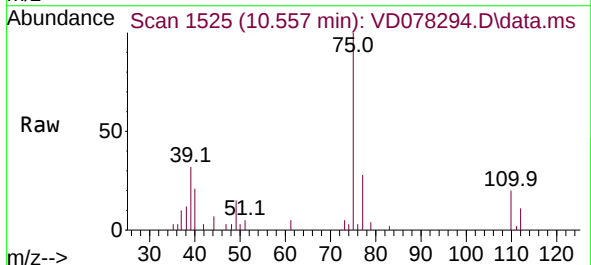
Instrument :
MSVOA_D
ClientSampleId :

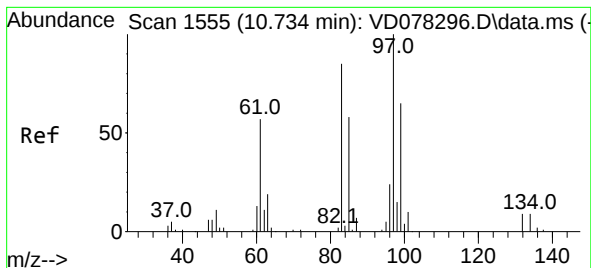
Tgt Ion: 91 Resp: 28234
Ion Ratio Lower Upper
91 100
92 57.1 39.5 73.4



#44
trans-1,3-Dichloropropene
Concen: 2.246 ug/L
RT: 10.557 min Scan# 1525
Delta R.T. 0.006 min
Lab File: VD078294.D
Acq: 31 Jan 2024 16:46

Tgt Ion: 75 Resp: 10063
Ion Ratio Lower Upper
75 100
77 28.2 20.7 38.5





#45

1,1,2-Trichloroethane

Concen: 1.518 ug/L

RT: 10.728 min Scan# 1554

Delta R.T. -0.006 min

Lab File: VD078294.D

Acq: 31 Jan 2024 16:46

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 97 Resp: 3622

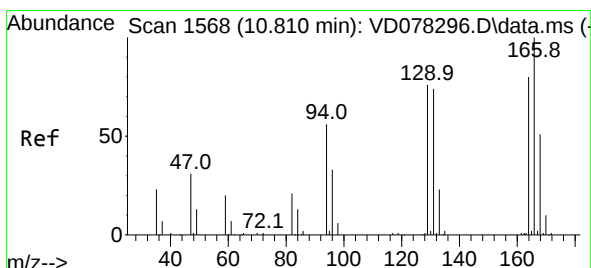
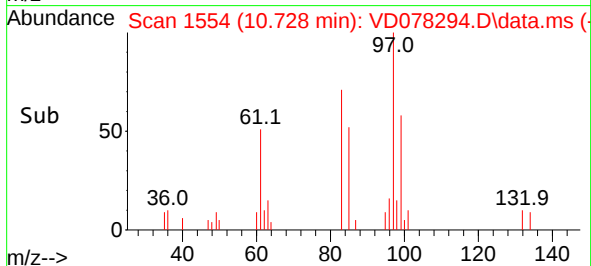
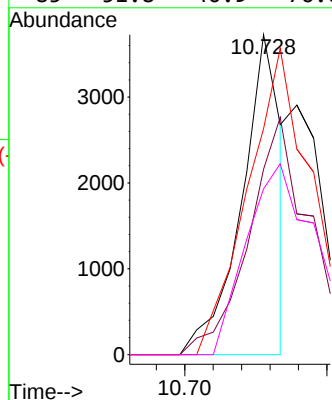
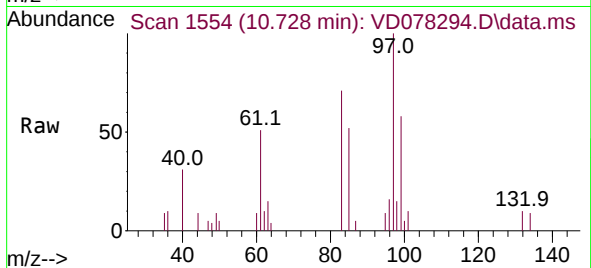
Ion Ratio Lower Upper

97 100

99 57.9 45.4 84.4

83 70.6 59.5 110.5

85 51.8 40.9 76.0



#46

Tetrachloroethene

Concen: 2.170 ug/L

RT: 10.810 min Scan# 1568

Delta R.T. -0.000 min

Lab File: VD078294.D

Acq: 31 Jan 2024 16:46

Tgt Ion:164 Resp: 5447

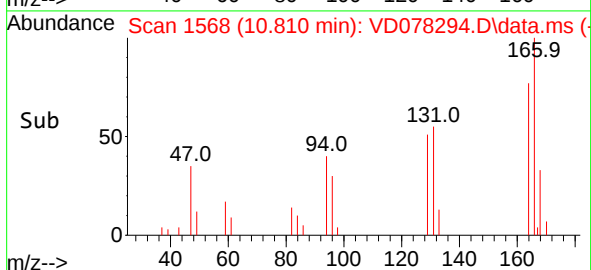
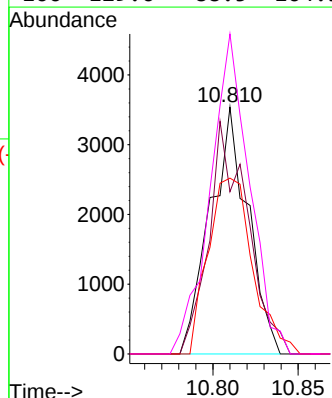
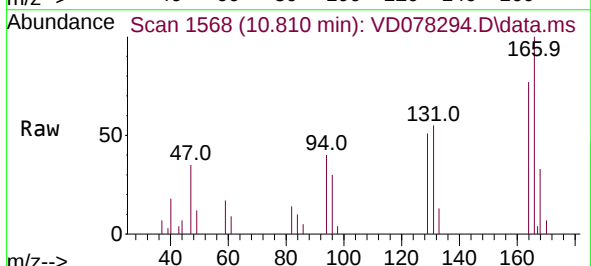
Ion Ratio Lower Upper

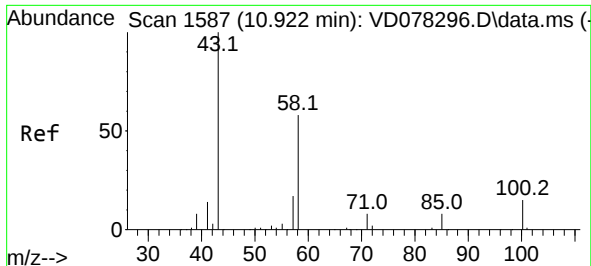
164 100

129 65.7 66.7 123.9#

131 71.2 65.2 121.0

166 129.6 88.5 164.3

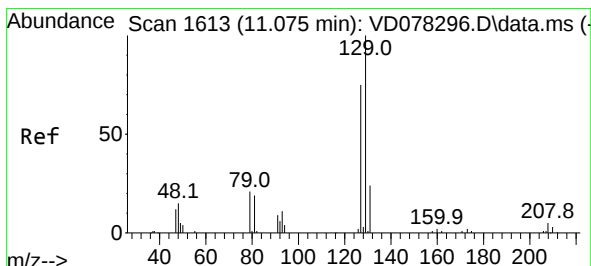
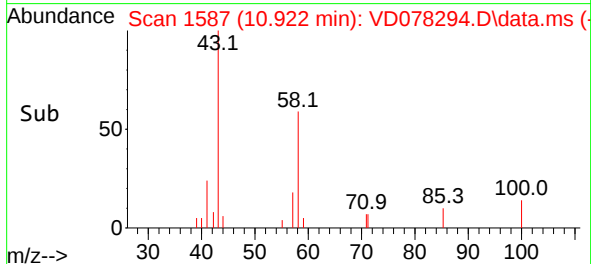
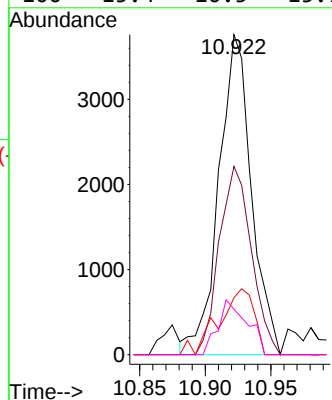
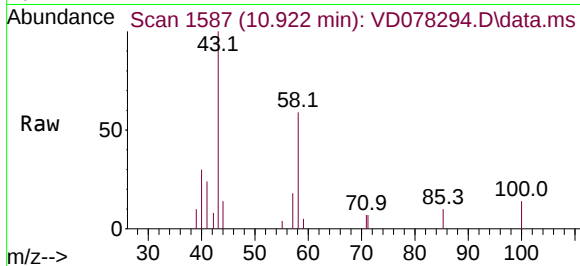




#48
2-Hexanone
Concen: 3.944 ug/L
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD078294.D
Acq: 31 Jan 2024 16:46

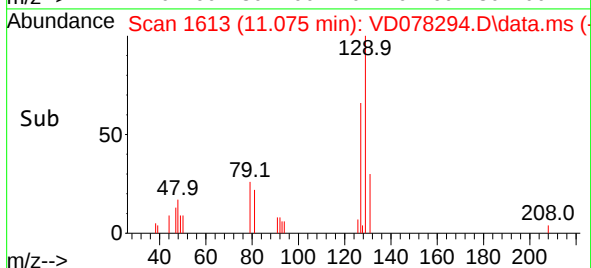
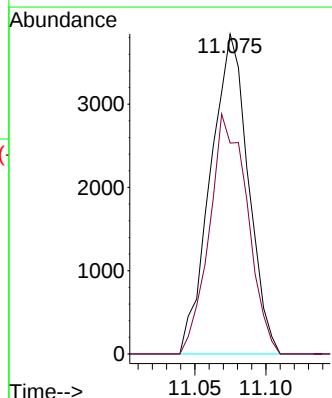
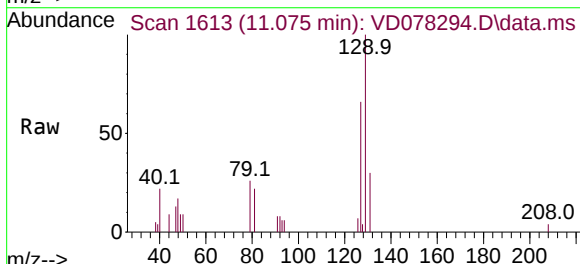
Instrument :
MSVOA_D
ClientSampleId :

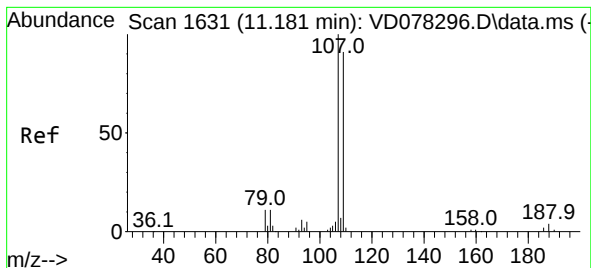
Tgt Ion: 43	Resp: 6487
Ion Ratio	Lower Upper
43 100	
58 58.2	48.5 72.7
57 16.3	15.6 23.4
100 15.4	10.5 15.7



#49
Dibromochloromethane
Concen: 2.536 ug/L
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD078294.D
Acq: 31 Jan 2024 16:46

Tgt Ion:129	Resp:	7093	
Ion	Ratio	Lower	Upper
129	100		
127	69.8	52.7	97.9





#50

1,2-Dibromoethane

Concen: 2.619 ug/L

RT: 11.175 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD078294.D

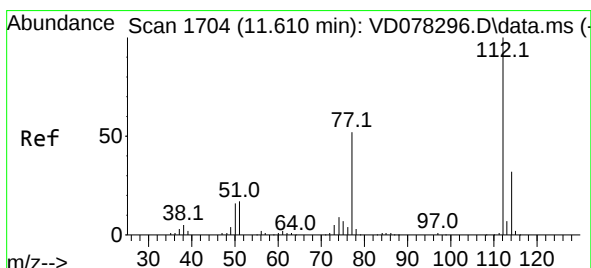
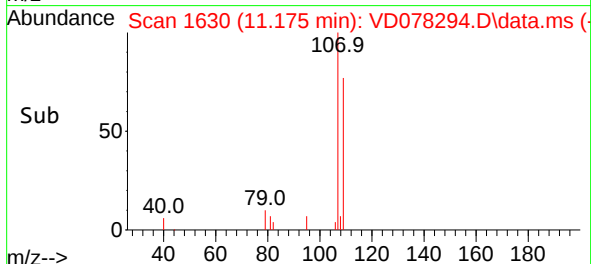
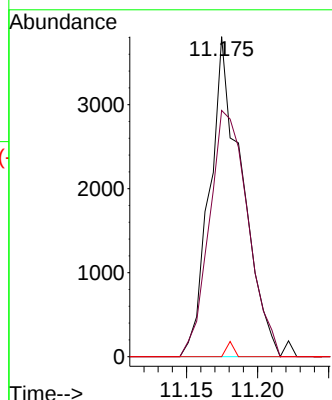
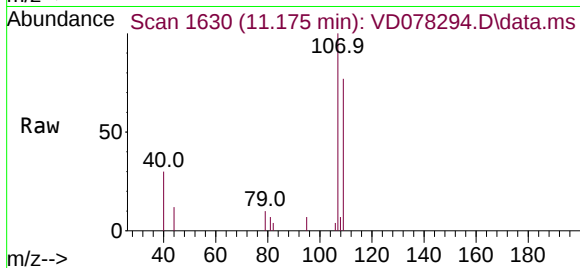
Acq: 31 Jan 2024 16:46

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:107	Resp:	6038
Ion Ratio	Lower	Upper
107	100	
109	76.9	64.0 118.8
188	0.0	3.1 4.7#



#51

Chlorobenzene

Concen: 2.386 ug/L

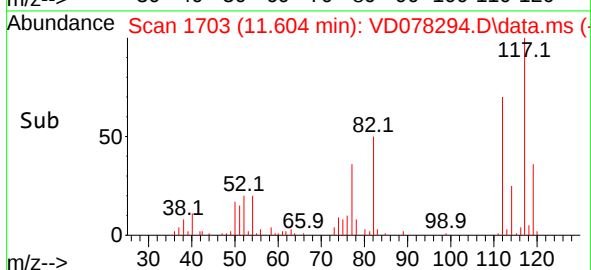
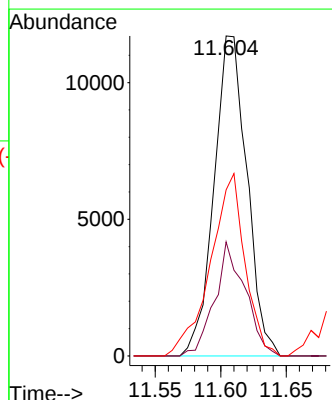
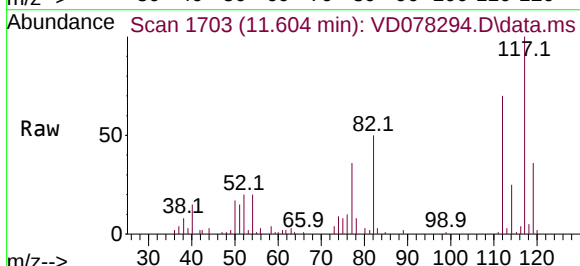
RT: 11.604 min Scan# 1703

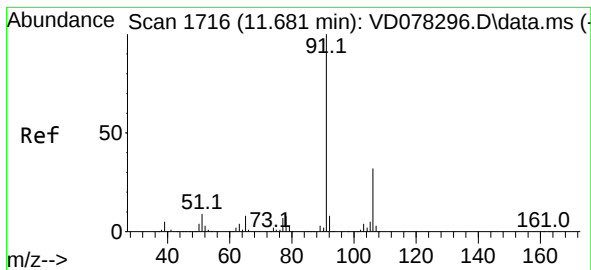
Delta R.T. -0.006 min

Lab File: VD078294.D

Acq: 31 Jan 2024 16:46

Tgt Ion:112	Resp:	20420
Ion Ratio	Lower	Upper
112	100	
114	35.7	22.3 41.3
77	51.9	42.3 63.5

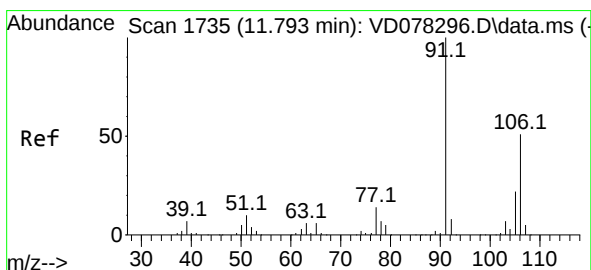
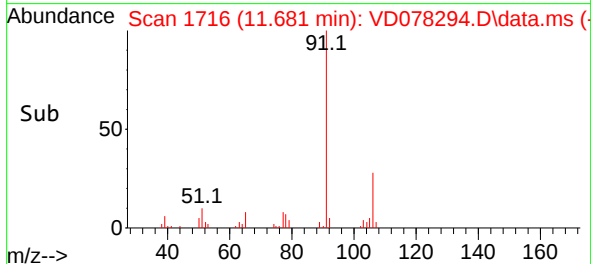
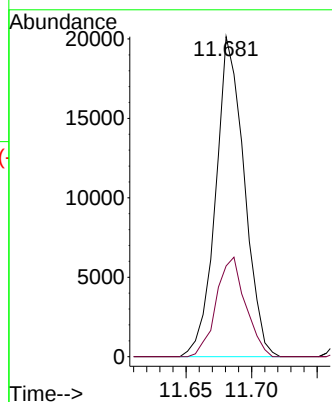
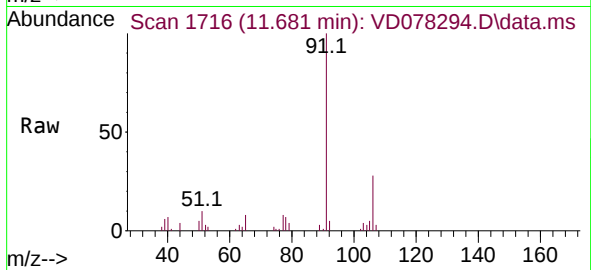




#52
Ethylbenzene
Concen: 2.010 ug/L
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD078294.D
Acq: 31 Jan 2024 16:46

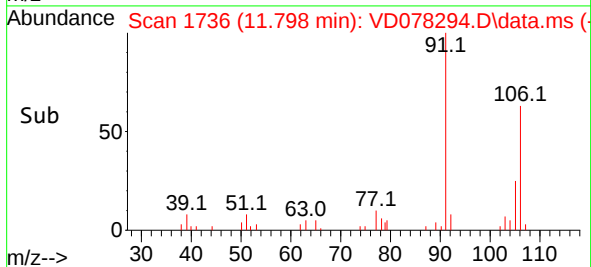
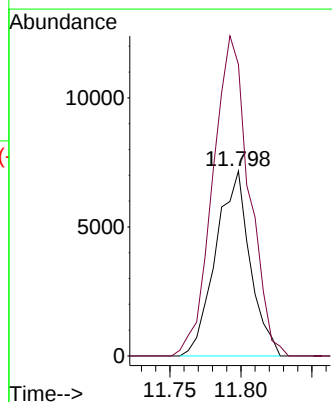
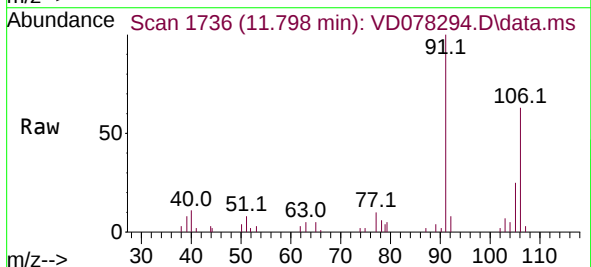
Instrument :
MSVOA_D
ClientSampleId :

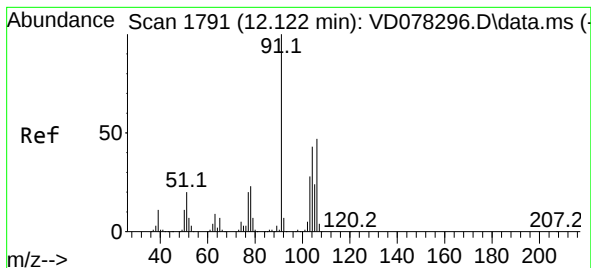
Tgt Ion: 91 Resp: 30434
Ion Ratio Lower Upper
91 100
106 28.4 22.5 41.7



#53
m,p-Xylene
Concen: 2.104 ug/L
RT: 11.798 min Scan# 1736
Delta R.T. 0.006 min
Lab File: VD078294.D
Acq: 31 Jan 2024 16:46

Tgt Ion:106 Resp: 12033
Ion Ratio Lower Upper
106 100
91 157.6 138.3 256.8





#54

o-Xylene

Concen: 1.908 ug/L

RT: 12.122 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VD078294.D

Acq: 31 Jan 2024 16:46

Instrument :

MSVOA_D

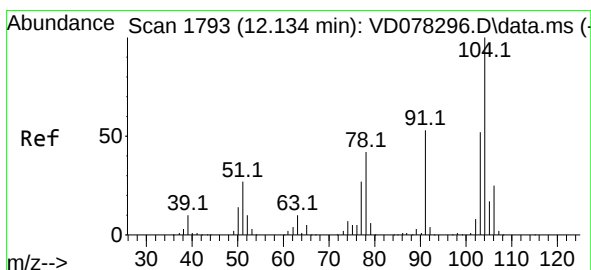
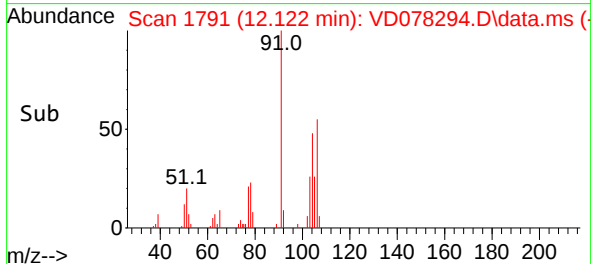
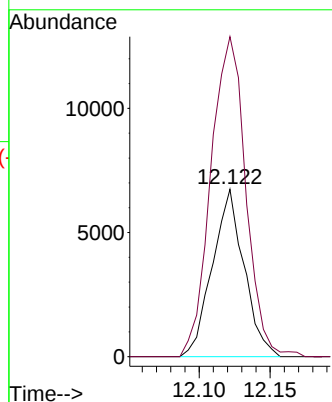
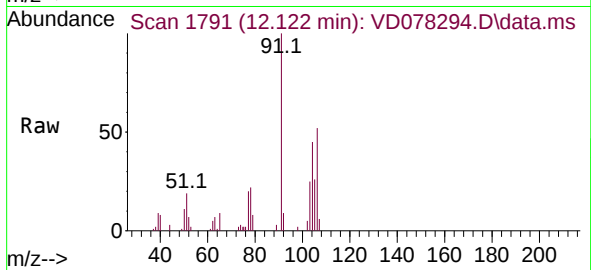
ClientSampleId :

Tgt Ion:106 Resp: 10466

Ion Ratio Lower Upper

106 100

91 191.1 148.0 274.8



#55

Styrene

Concen: 1.870 ug/L

RT: 12.134 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VD078294.D

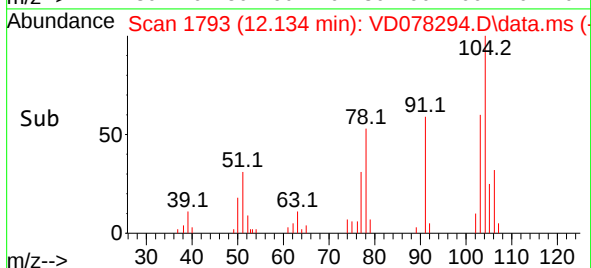
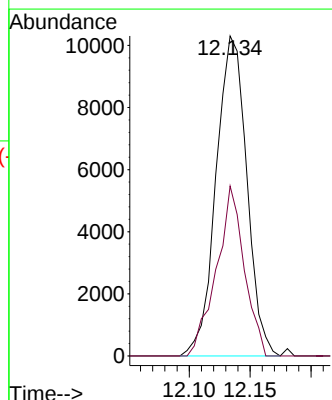
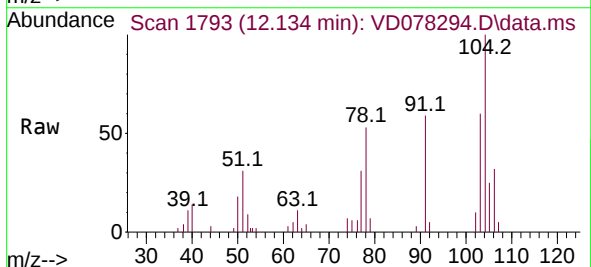
Acq: 31 Jan 2024 16:46

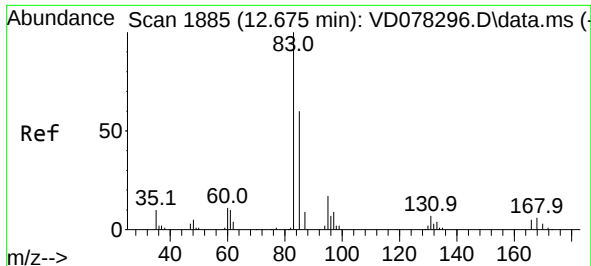
Tgt Ion:104 Resp: 18067

Ion Ratio Lower Upper

104 100

78 53.1 29.5 54.7





#57

1,1,2,2-Tetrachloroethane

Concen: 2.817 ug/L

RT: 12.669 min Scan# 1884

Delta R.T. -0.006 min

Lab File: VD078294.D

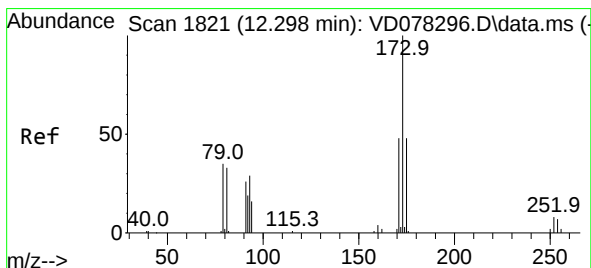
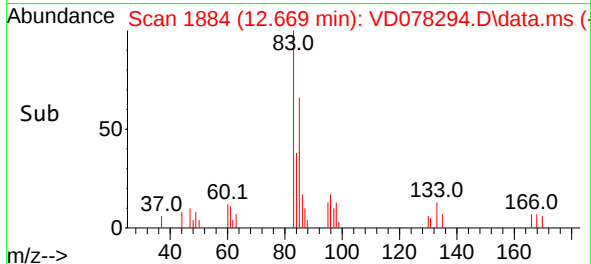
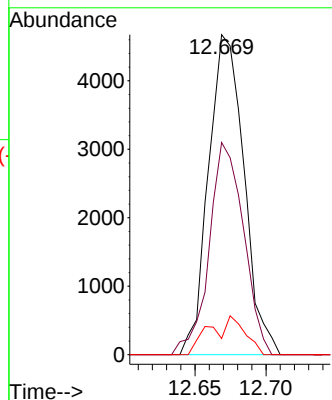
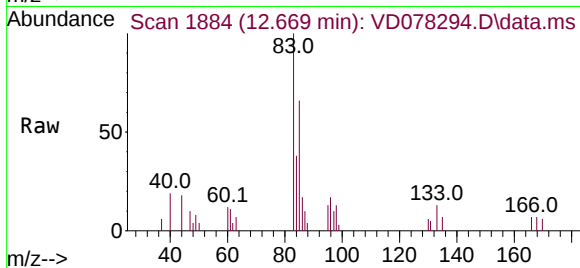
Acq: 31 Jan 2024 16:46

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	83	Resp:	8116
Ion Ratio	Lower	Upper	
83	100		
85	66.3	42.6	79.0
131	5.0	6.0	9.0#



#59

Bromoform

Concen: 2.628 ug/L

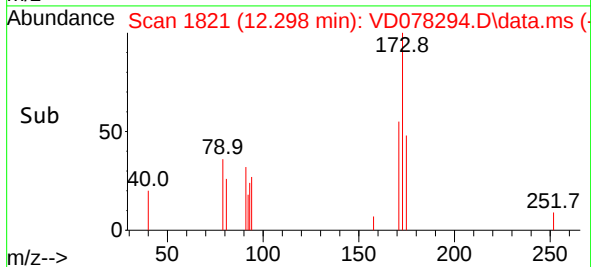
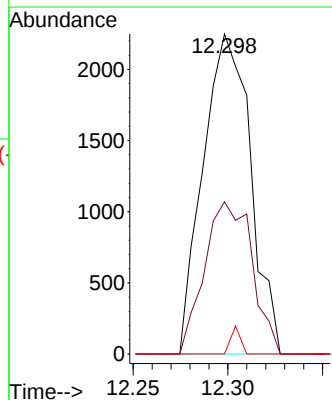
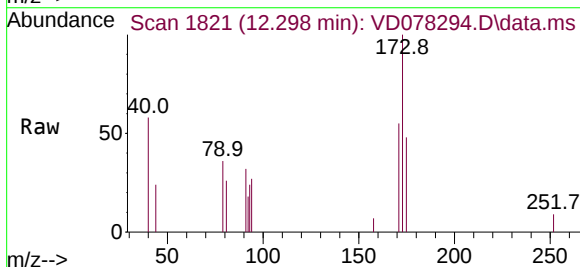
RT: 12.298 min Scan# 1821

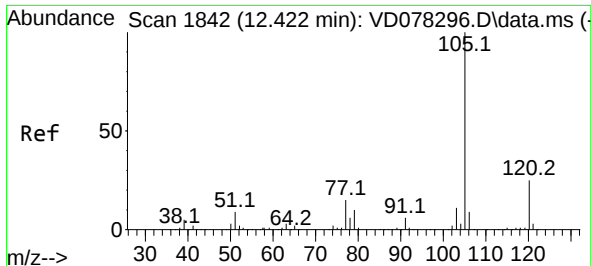
Delta R.T. -0.000 min

Lab File: VD078294.D

Acq: 31 Jan 2024 16:46

Tgt Ion:	173	Resp:	3916
Ion Ratio	Lower	Upper	
173	100		
175	47.7	40.2	60.4
254	0.0	6.6	9.8#

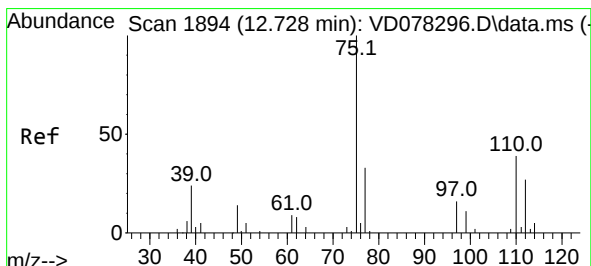
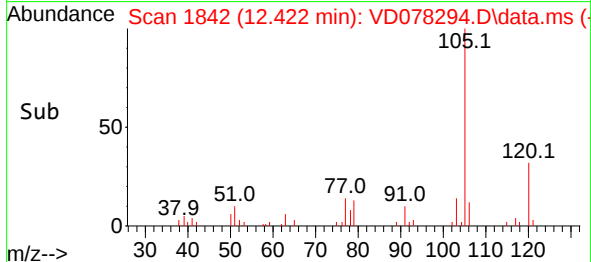
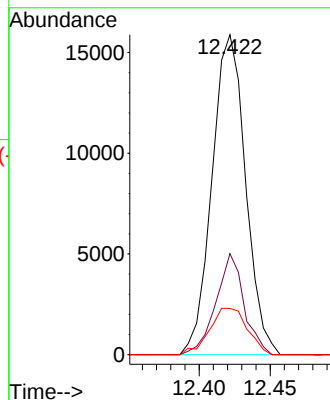
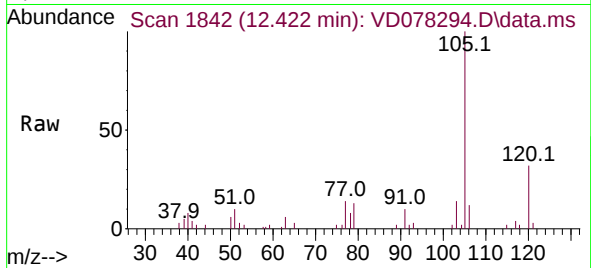




#60
Isopropylbenzene
Concen: 2.022 ug/L
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD078294.D
Acq: 31 Jan 2024 16:46

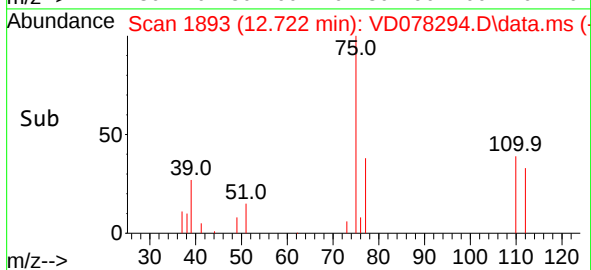
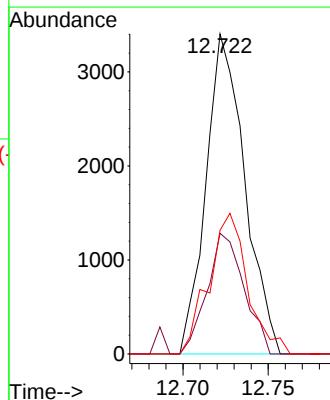
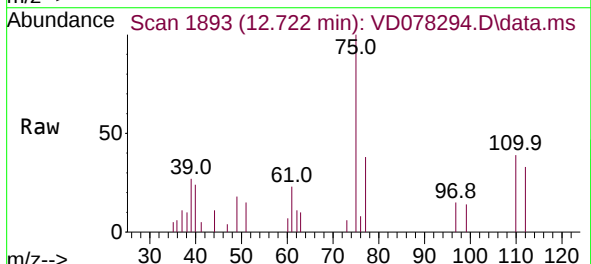
Instrument :
MSVOA_D
ClientSampleId :

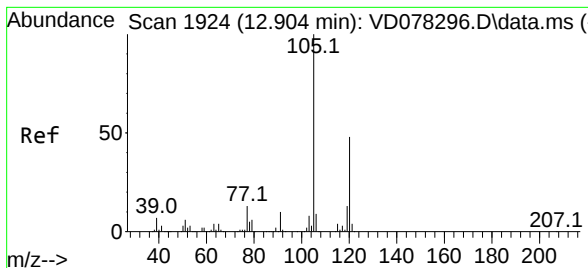
Tgt Ion:105 Resp: 26088
Ion Ratio Lower Upper
105 100
120 26.5 20.4 30.6
77 16.4 12.4 18.6



#61
1,2,3-Trichloropropane
Concen: 3.102 ug/L
RT: 12.722 min Scan# 1893
Delta R.T. -0.006 min
Lab File: VD078294.D
Acq: 31 Jan 2024 16:46

Tgt Ion: 75 Resp: 5378
Ion Ratio Lower Upper
75 100
77 36.1 26.5 39.7
110 44.1 31.8 47.8

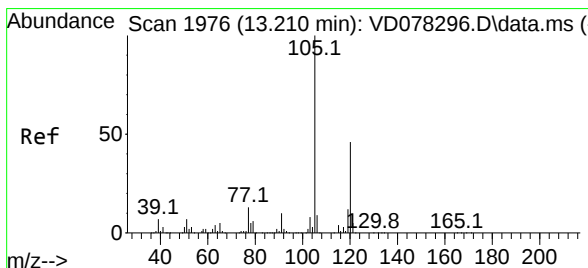
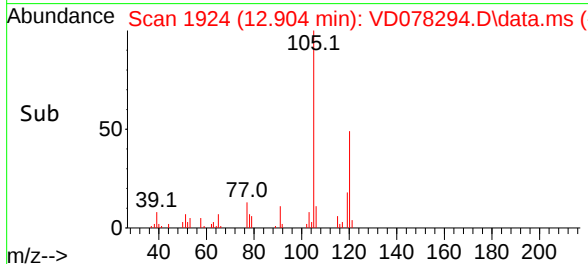
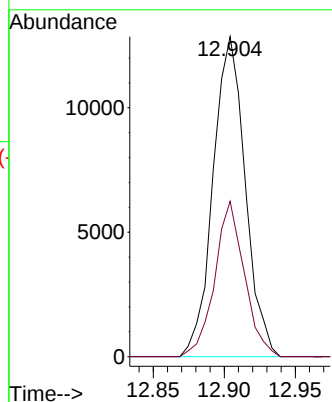
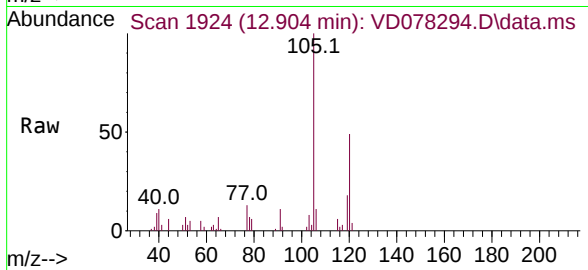




#62
1,3,5-Trimethylbenzene
Concen: 2.079 ug/L
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD078294.D
Acq: 31 Jan 2024 16:46

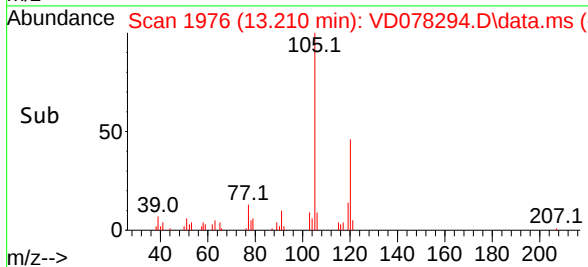
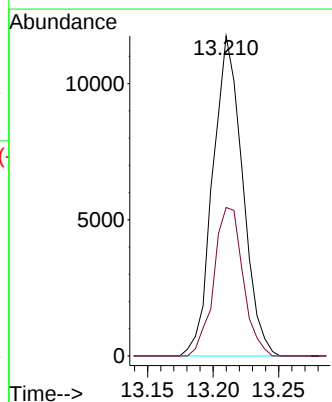
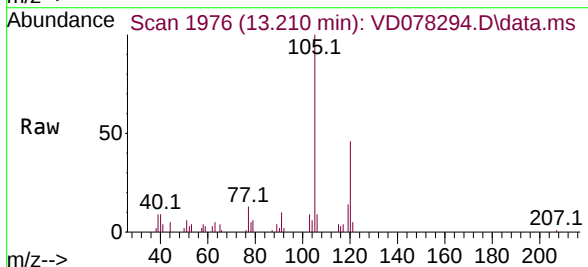
Instrument :
MSVOA_D
ClientSampleId :

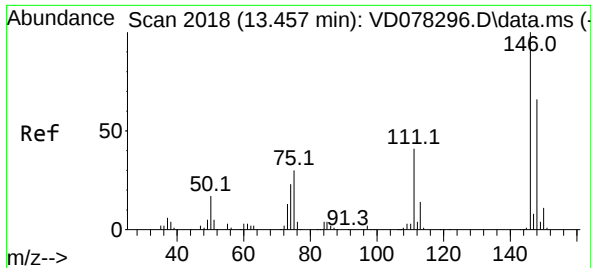
Tgt Ion:105 Resp: 20245
Ion Ratio Lower Upper
105 100
120 44.7 39.5 59.3



#63
1,2,4-Trimethylbenzene
Concen: 1.877 ug/L
RT: 13.210 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VD078294.D
Acq: 31 Jan 2024 16:46

Tgt Ion:105 Resp: 18533
Ion Ratio Lower Upper
105 100
120 45.4 37.0 55.4

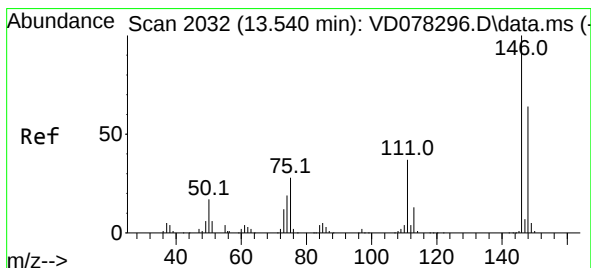
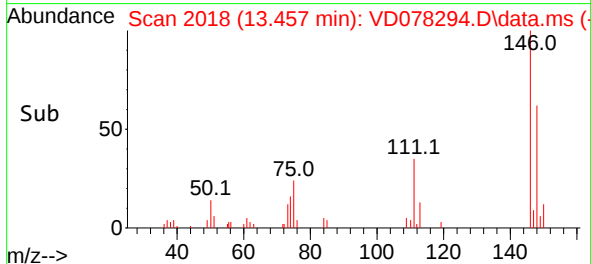
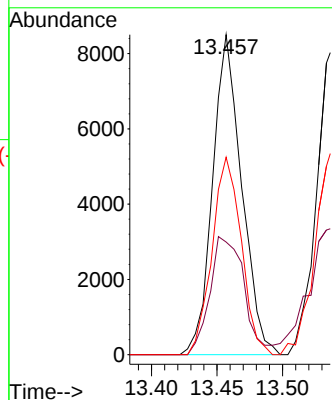
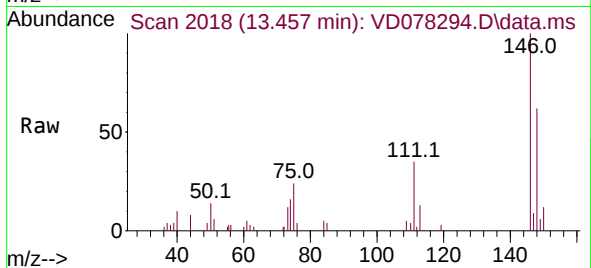




#64
1,3-Dichlorobenzene
Concen: 2.338 ug/L
RT: 13.457 min Scan# 2018
Delta R.T. -0.000 min
Lab File: VD078294.D
Acq: 31 Jan 2024 16:46

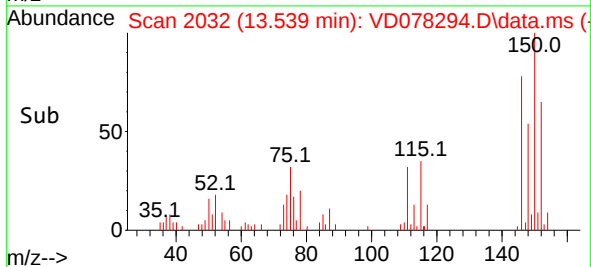
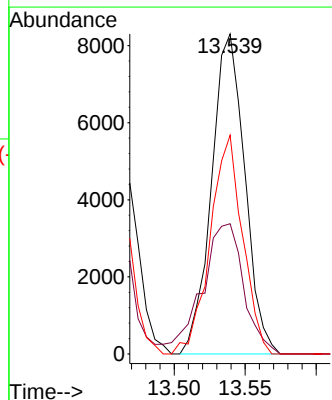
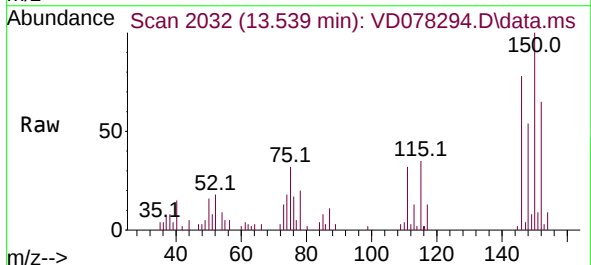
Instrument :
MSVOA_D
ClientSampleId :

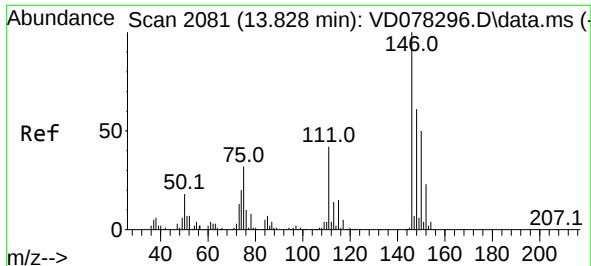
Tgt Ion:146 Resp: 13085
Ion Ratio Lower Upper
146 100
111 35.2 28.6 53.0
148 61.7 46.5 86.3



#65
1,4-Dichlorobenzene
Concen: 2.318 ug/L
RT: 13.539 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD078294.D
Acq: 31 Jan 2024 16:46

Tgt Ion:146 Resp: 13550
Ion Ratio Lower Upper
146 100
111 40.7 26.4 49.0
148 68.3 44.5 82.7





#67

1,2-Dichlorobenzene

Concen: 2.314 ug/L

RT: 13.828 min Scan# 2081

Delta R.T. -0.000 min

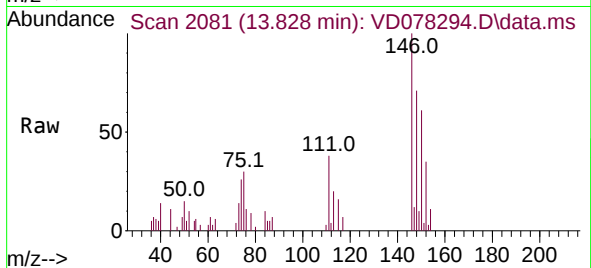
Lab File: VD078294.D

Acq: 31 Jan 2024 16:46

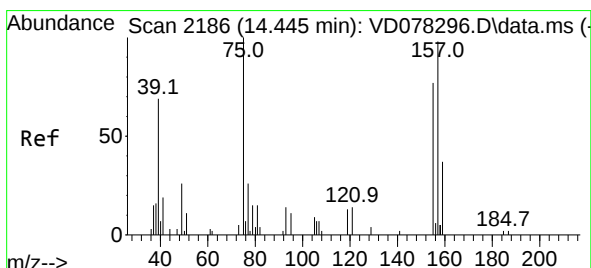
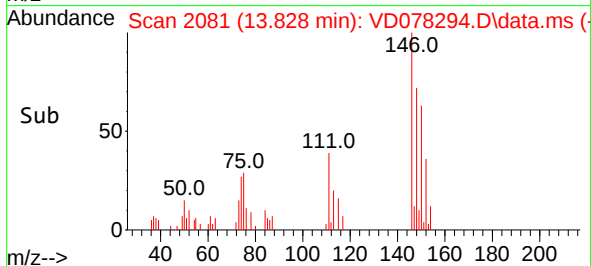
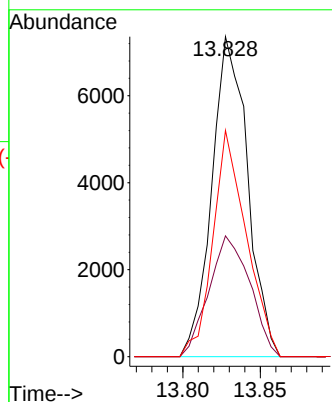
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	146	Resp:	11796
Ion Ratio	Lower	Upper	
146	100		
111	37.7	33.6	50.4
148	70.7	48.4	72.6



#68

1,2-Dibromo-3-chloropropane

Concen: 3.385 ug/L

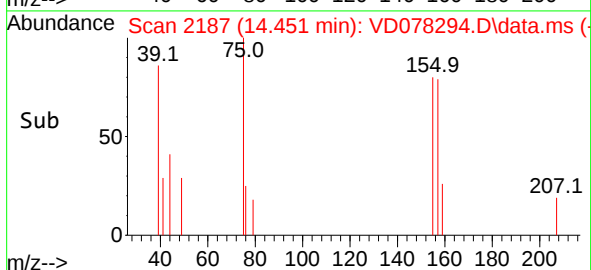
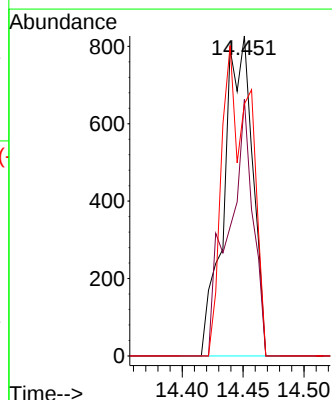
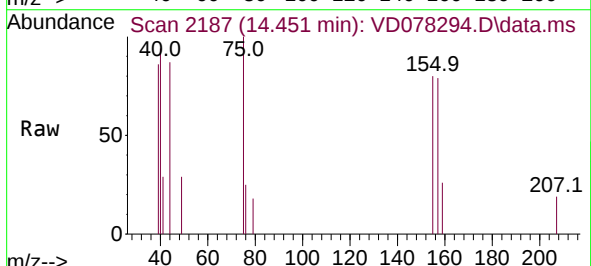
RT: 14.451 min Scan# 2187

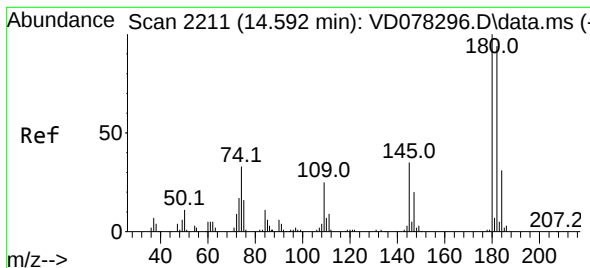
Delta R.T. 0.006 min

Lab File: VD078294.D

Acq: 31 Jan 2024 16:46

Tgt Ion:	75	Resp:	1346
Ion Ratio	Lower	Upper	
75	100		
155	80.2	61.6	92.4
157	78.7	78.1	117.1





#69

1,3,5-Trichlorobenzene

Concen: 1.746 ug/L

RT: 15.522 min Scan# 21

Delta R.T. 0.929 min

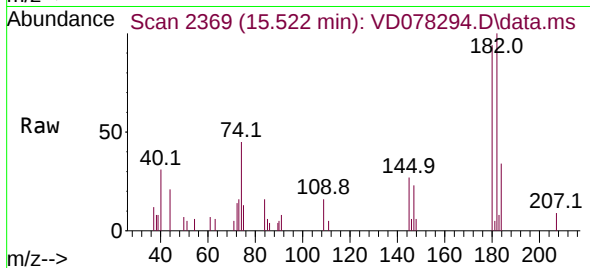
Lab File: VD078294.D

Acq: 31 Jan 2024 16:46

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:180 Resp: 6540

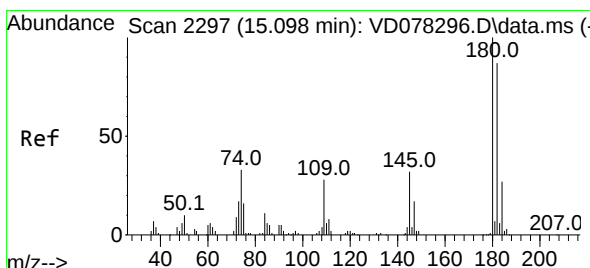
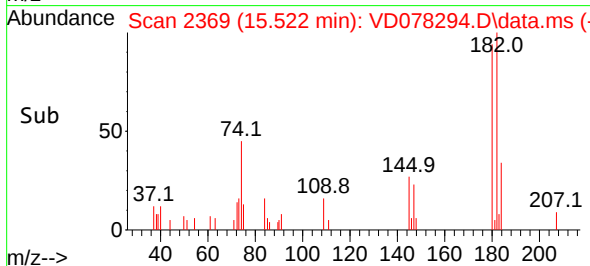
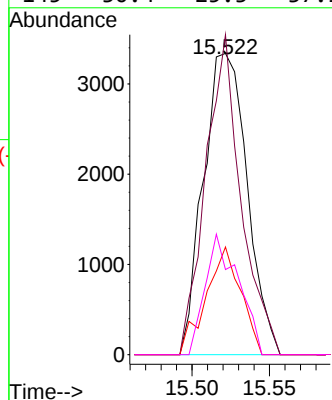
Ion Ratio Lower Upper

180 100

182 85.9 75.6 113.4

184 28.5 23.2 34.8

145 30.4 25.3 37.9



#70

1,2,4-trichlorobenzene

Concen: 2.049 ug/L

RT: 15.104 min Scan# 2298

Delta R.T. 0.006 min

Lab File: VD078294.D

Acq: 31 Jan 2024 16:46

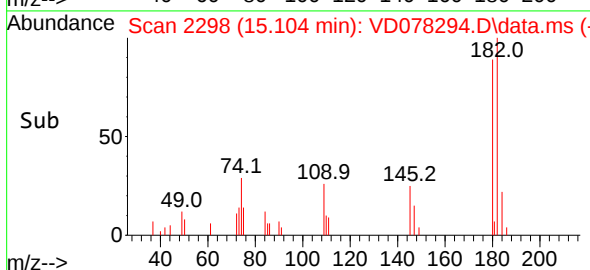
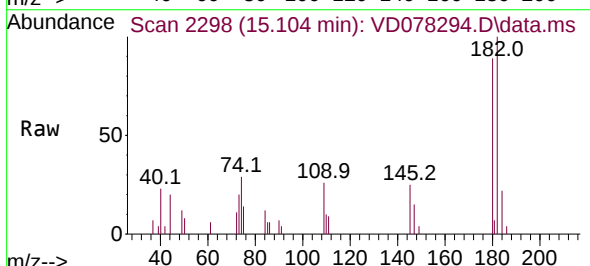
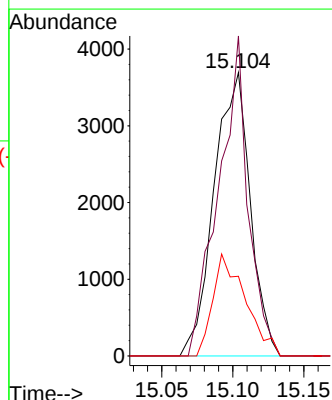
Tgt Ion:180 Resp: 6530

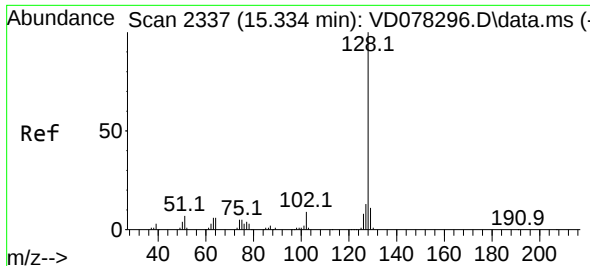
Ion Ratio Lower Upper

180 100

182 92.1 76.2 114.4

145 32.5 25.0 37.6

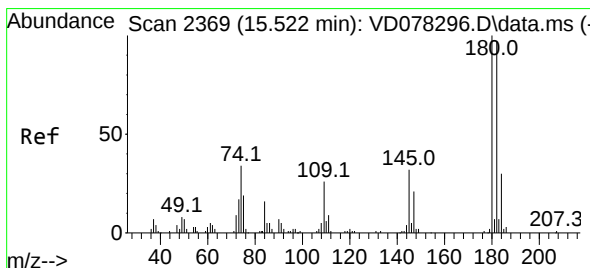
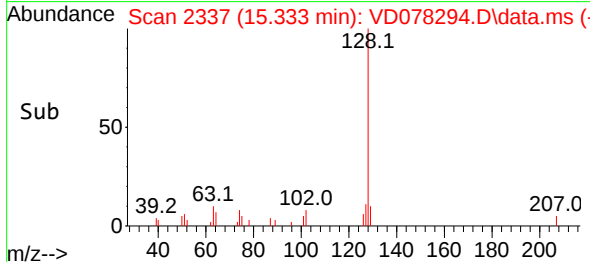
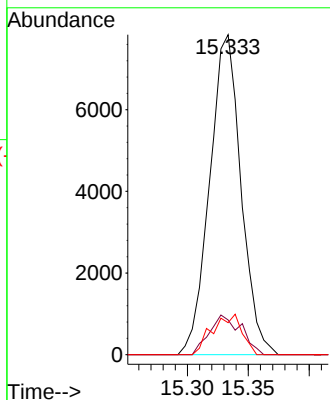
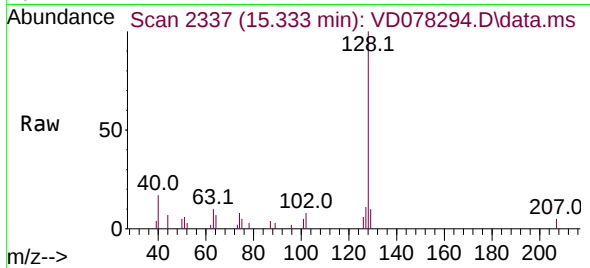




#71
Naphthalene
Concen: 2.272 ug/L
RT: 15.333 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD078294.D
Acq: 31 Jan 2024 16:46

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:	128	Resp:	14060
Ion Ratio	Lower	Upper	
128	100		
127	12.6	11.0	16.4
129	11.9	8.6	12.8



#72
1,2,3-Trichlorobenzene
Concen: 2.301 ug/L
RT: 15.522 min Scan# 2369
Delta R.T. -0.000 min
Lab File: VD078294.D
Acq: 31 Jan 2024 16:46

Tgt Ion:	180	Resp:	6540
Ion Ratio	Lower	Upper	
180	100		
182	85.9	75.4	113.0
145	30.4	26.8	40.2

