

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062724\
 Data File : VD079271.D
 Acq On : 27 Jun 2024 12:36
 Operator : RP/MD
 Sample : VSTD005
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jun 28 06:02:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM062724SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 28 06:00:46 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	165716	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	169475	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	77589	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.270	65	21555	4.556	ug/L	0.00
7) Chloroethane-d5	2.793	69	19898	4.770	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.905	65	4367	4.694	ug/L	0.00
21) 2-Butanone-d5	6.981	46	4835	8.696	ug/L	0.00
24) Chloroform-d	7.569	84	23711	4.657	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.228	65	11071	4.538	ug/L	0.00
32) Benzene-d6	8.193	84	47091	4.599	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.210	67	14196	4.619	ug/L	0.00
41) Toluene-d8	10.263	98	39085	4.217	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.522	79	5977	4.458	ug/L	0.00
47) 2-Hexanone-d5	10.869	63	4084	8.136	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.646	84	14003	4.660	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.810	152	14543	4.830	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	14637	5.113	ug/L	96
3) Chloromethane	2.146	50	20809	5.181	ug/L	96
5) Vinyl chloride	2.276	62	25990	4.887	ug/L	99
6) Bromomethane	2.681	94	17592	4.845	ug/L	94
8) Chloroethane	2.823	64	17531	4.942	ug/L	98
9) Trichlorofluoromethane	3.170	101	20075	5.074	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	3.964	101	12400	4.904	ug/L #	74
12) 1,1-Dichloroethene	3.928	96	9863	4.303	ug/L	97
13) Acetone	4.017	43	3227	7.618	ug/L	84
14) Carbon disulfide	4.270	76	40681	4.909	ug/L	100
15) Methyl Acetate	4.570	43	4751	4.729	ug/L #	76
16) Methylene chloride	4.799	84	22770	5.502	ug/L	89
17) trans-1,2-Dichloroethene	5.305	96	11639	4.582	ug/L	88
18) Methyl tert-butyl Ether	5.305	73	10696	2.049	ug/L #	77
19) 1,1-Dichloroethane	6.105	63	12651	2.966	ug/L	91
20) cis-1,2-Dichloroethene	7.075	96	12690	4.458	ug/L	91
22) 2-Butanone	7.064	43	1331	2.113	ug/L	86
23) Bromochloromethane	7.422	128	6947	4.833	ug/L	87
25) Chloroform	7.593	83	24002	4.982	ug/L	85
27) 1,2-Dichloroethane	8.322	62	13342	4.859	ug/L	99
29) Cyclohexane	7.875	56	12811	4.291	ug/L	98
30) 1,1,1-Trichloroethane	7.799	97	9069	2.470	ug/L #	24
31) Carbon tetrachloride	7.987	117	16919	5.108	ug/L	99
33) Benzene	8.246	78	48780	4.607	ug/L	100
34) Trichloroethene	9.022	95	12168	4.702	ug/L	96
35) Methylcyclohexane	9.275	83	16468	4.127	ug/L	98
37) 1,2-Dichloropropane	9.305	63	13196	4.770	ug/L #	91
38) Bromodichloromethane	9.581	83	17129	4.834	ug/L	90
39) cis-1,3-Dichloropropene	10.016	75	17959	4.423	ug/L	92
40) 4-Methyl-2-pentanone	10.157	43	11469	8.745	ug/L	93
42) Toluene	10.334	91	49124	4.360	ug/L	92
44) trans-1,3-Dichloropropene	10.552	75	15307	4.315	ug/L	96

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 ClientSampleId :

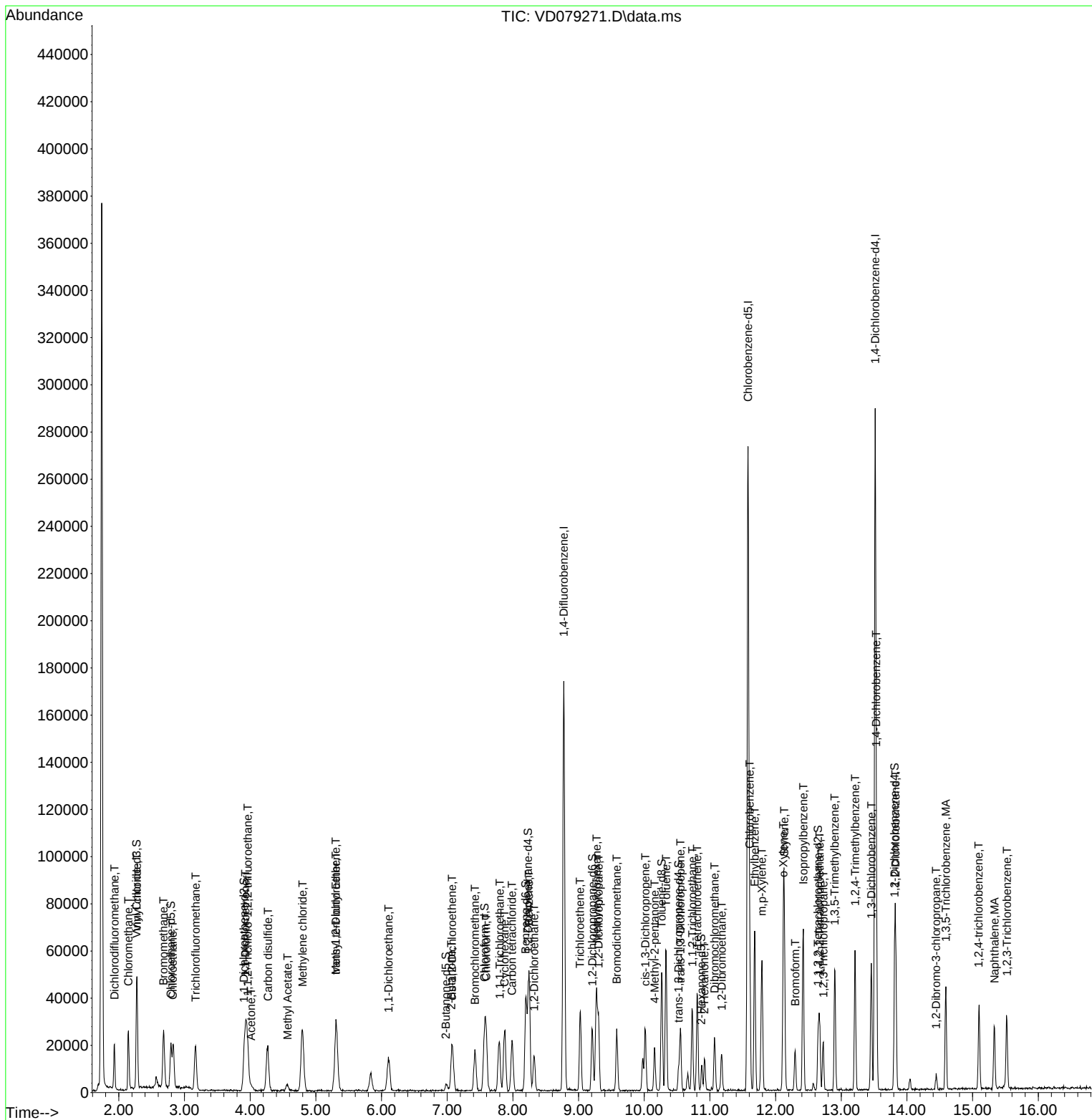
Quant Time: Jun 28 06:02:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM062724SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 28 06:00:46 2024
 Response via : Initial Calibration

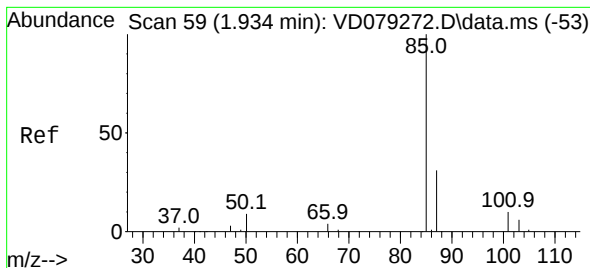
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	10.734	97	11798	4.963	ug/L	88
46) Tetrachloroethene	10.805	164	9879	4.794	ug/L	87
48) 2-Hexanone	10.916	43	7910	8.262	ug/L	99
49) Dibromochloromethane	11.069	129	12438	4.845	ug/L	94
50) 1,2-Dibromoethane	11.181	107	10744	4.804	ug/L	100
51) Chlorobenzene	11.604	112	35911	4.703	ug/L	97
52) Ethylbenzene	11.681	91	48039	4.131	ug/L	96
53) m,p-Xylene	11.793	106	18718	4.081	ug/L	97
54) o-Xylene	12.116	106	19047	4.132	ug/L	86
55) Styrene	12.134	104	32781	3.976	ug/L	91
57) 1,1,2,2-Tetrachloroethane	12.669	83	14583	5.030	ug/L #	95
59) Bromoform	12.299	173	7857	5.160	ug/L #	99
60) Isopropylbenzene	12.422	105	45551	4.498	ug/L	99
61) 1,2,3-Trichloropropane	12.728	75	9229	5.608	ug/L	94
62) 1,3,5-Trimethylbenzene	12.899	105	29512	4.096	ug/L	98
63) 1,2,4-Trimethylbenzene	13.210	105	33161	4.227	ug/L	100
64) 1,3-Dichlorobenzene	13.457	146	23514	4.625	ug/L	95
65) 1,4-Dichlorobenzene	13.534	146	26637	4.969	ug/L	95
67) 1,2-Dichlorobenzene	13.828	146	24197	4.927	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.445	75	1682	5.083	ug/L	96
69) 1,3,5-Trichlorobenzene	14.593	180	15071	4.749	ug/L	95
70) 1,2,4-trichlorobenzene	15.093	180	12336	4.688	ug/L	95
71) Naphthalene	15.334	128	24387	4.270	ug/L	99
72) 1,2,3-Trichlorobenzene	15.522	180	11217	4.484	ug/L	97

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

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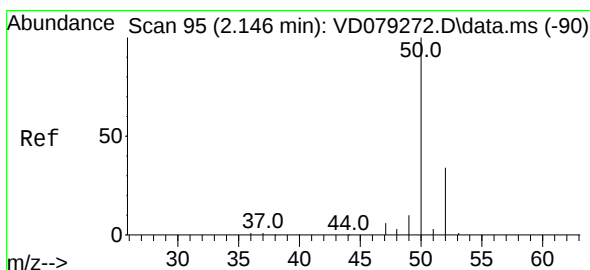
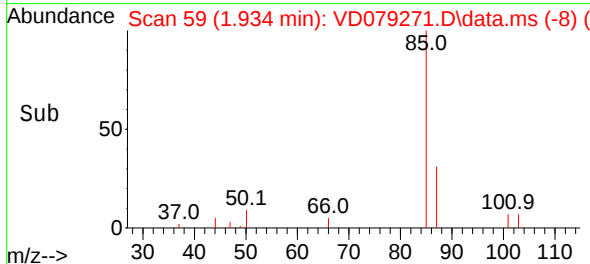
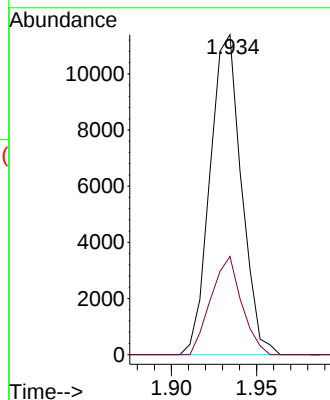
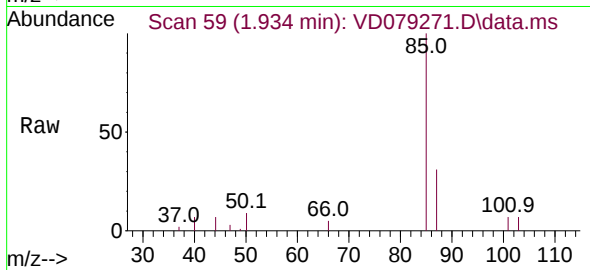




#2
 Dichlorodifluoromethane
 Concen: 5.113 ug/L
 RT: 1.934 min Scan# 59
 Delta R.T. 0.000 min
 Lab File: VD079271.D
 Acq: 27 Jun 2024 12:36

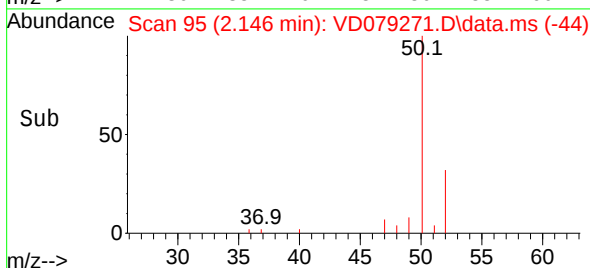
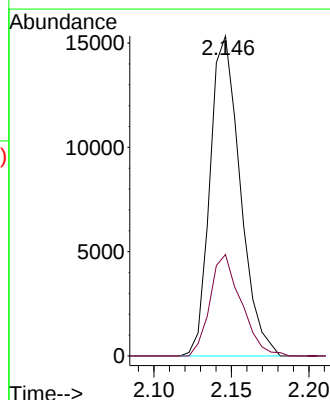
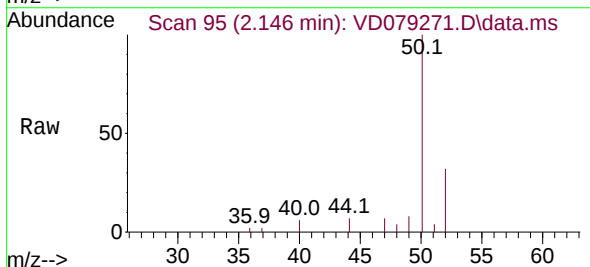
Instrument :
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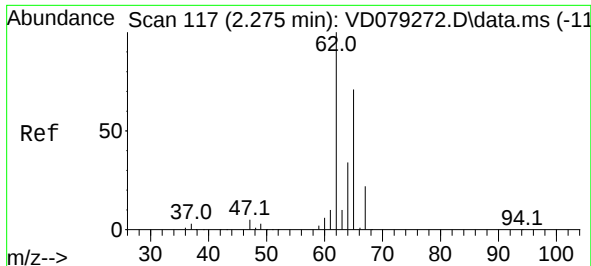
Tgt Ion: 85 Resp: 14637
 Ion Ratio Lower Upper
 85 100
 87 29.9 25.6 38.4



#3
 Chloromethane
 Concen: 5.181 ug/L
 RT: 2.146 min Scan# 95
 Delta R.T. 0.000 min
 Lab File: VD079271.D
 Acq: 27 Jun 2024 12:36

Tgt Ion: 50 Resp: 20809
 Ion Ratio Lower Upper
 50 100
 52 31.7 23.7 44.1

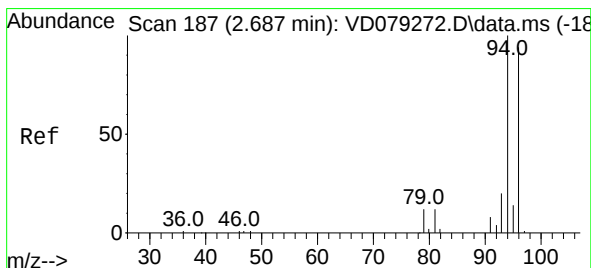
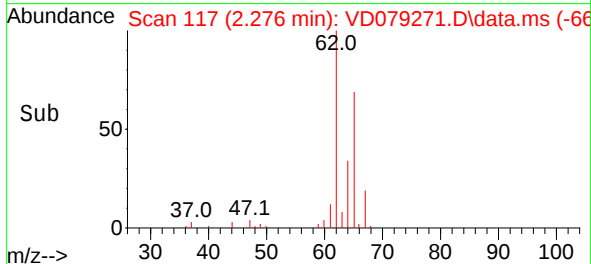
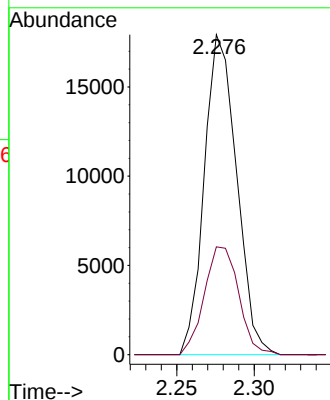
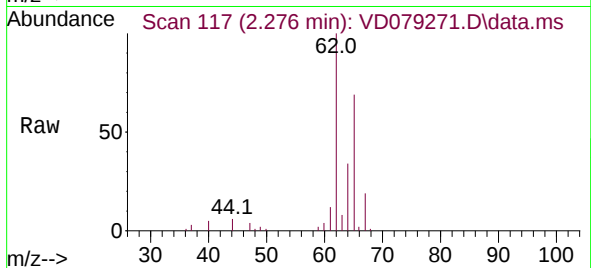




#5
 Vinyl chloride
 Concen: 4.887 ug/L
 RT: 2.276 min Scan# 117
 Delta R.T. 0.000 min
 Lab File: VD079271.D
 Acq: 27 Jun 2024 12:36

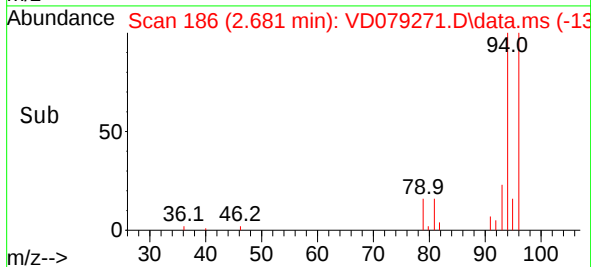
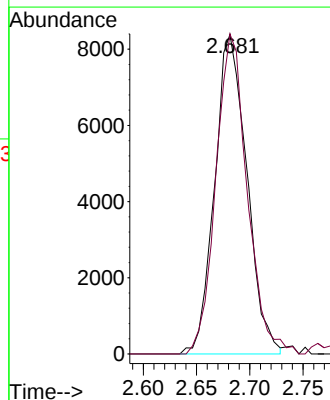
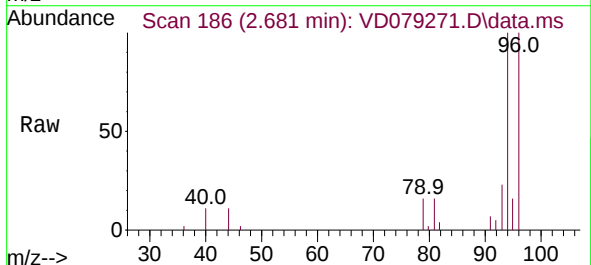
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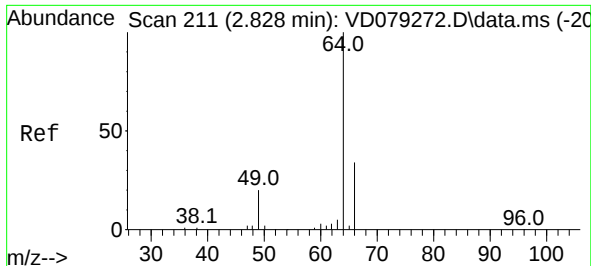
Tgt Ion: 62 Resp: 25990
 Ion Ratio Lower Upper
 62 100
 64 33.7 24.1 44.7



#6
 Bromomethane
 Concen: 4.845 ug/L
 RT: 2.681 min Scan# 186
 Delta R.T. -0.006 min
 Lab File: VD079271.D
 Acq: 27 Jun 2024 12:36

Tgt Ion: 94 Resp: 17592
 Ion Ratio Lower Upper
 94 100
 96 100.2 65.9 122.5

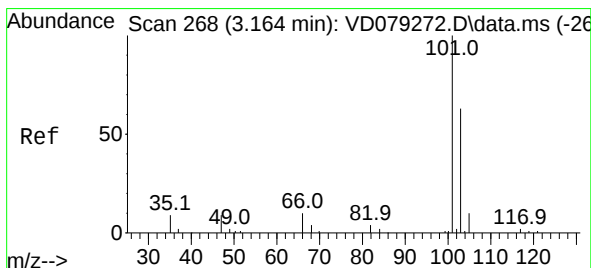
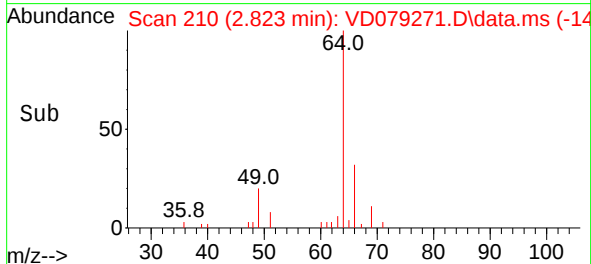
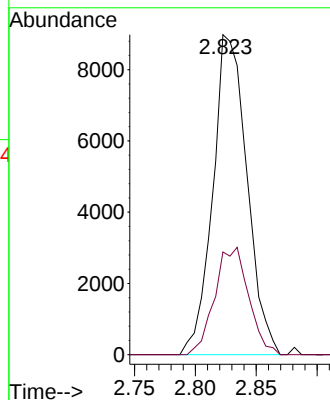
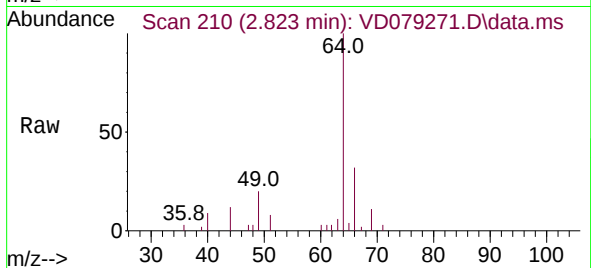




#8
Chloroethane
Concen: 4.942 ug/L
RT: 2.823 min Scan# 211
Delta R.T. -0.006 min
Lab File: VD079271.D
Acq: 27 Jun 2024 12:36

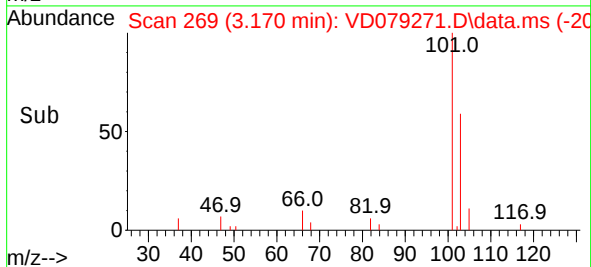
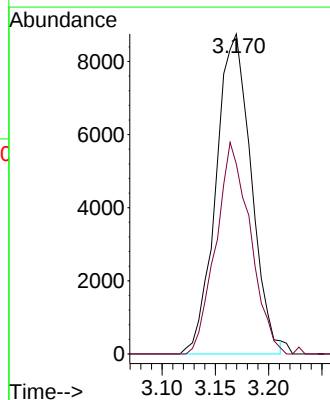
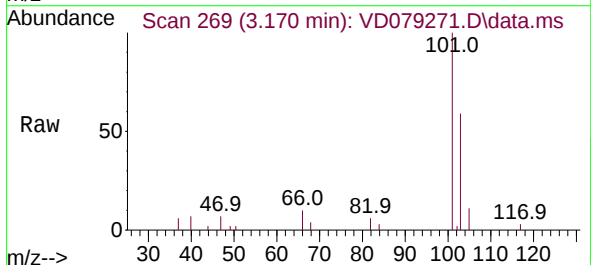
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MSVOA_D
ClientSampleId :

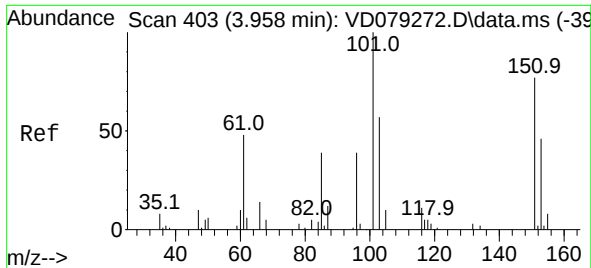
Tgt Ion: 64 Resp: 17531
Ion Ratio Lower Upper
64 100
66 32.1 23.4 43.6



#9
Trichlorofluoromethane
Concen: 5.074 ug/L
RT: 3.170 min Scan# 269
Delta R.T. 0.006 min
Lab File: VD079271.D
Acq: 27 Jun 2024 12:36

Tgt Ion:101 Resp: 20075
Ion Ratio Lower Upper
101 100
103 64.5 52.6 79.0





#10

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

Concen: 4.904 ug/L

RT: 3.964 min Scan# 403

Delta R.T. 0.006 min

Lab File: VD079271.D

Acq: 27 Jun 2024 12:36

Instrument :

MSVOA_D

ClientSampleId :

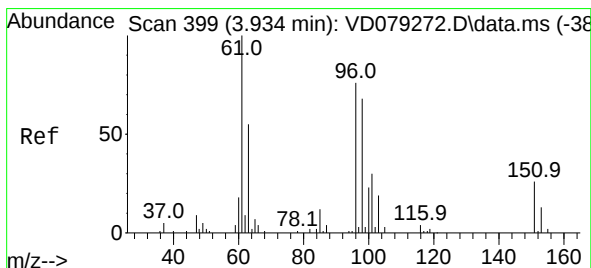
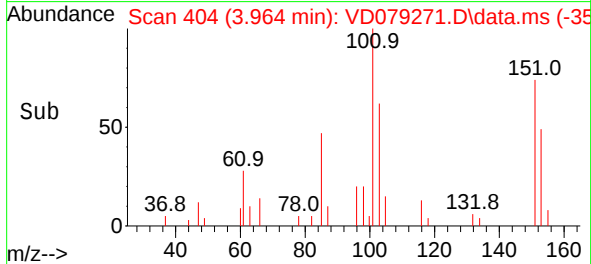
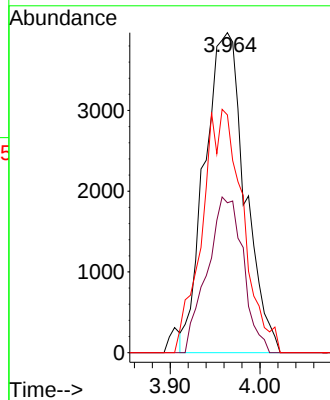
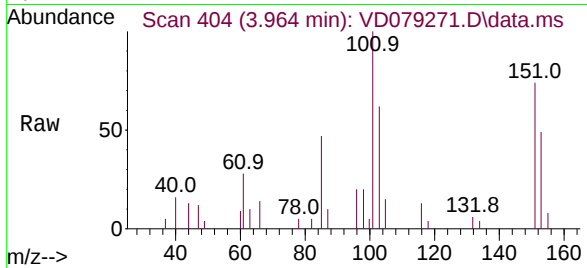
Tgt Ion:101 Resp: 12400

Ion Ratio Lower Upper

101 100

85 43.2 33.0 49.6

151 43.4 61.7 92.5#



#12

1,1-Dichloroethene

Concen: 4.303 ug/L

RT: 3.928 min Scan# 398

Delta R.T. -0.006 min

Lab File: VD079271.D

Acq: 27 Jun 2024 12:36

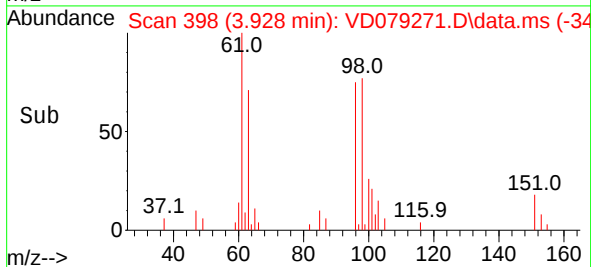
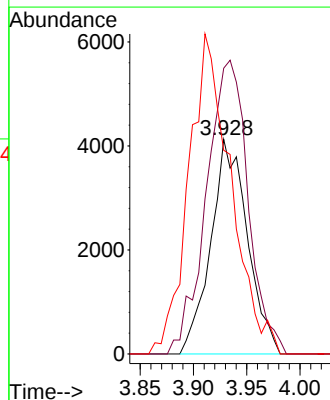
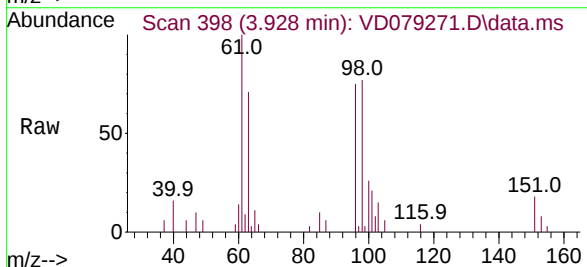
Tgt Ion: 96 Resp: 9863

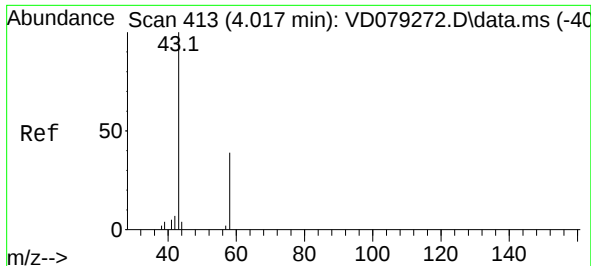
Ion Ratio Lower Upper

96 100

61 133.2 93.7 173.9

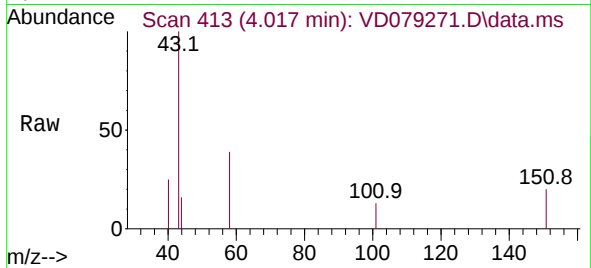
63 95.0 61.2 113.8



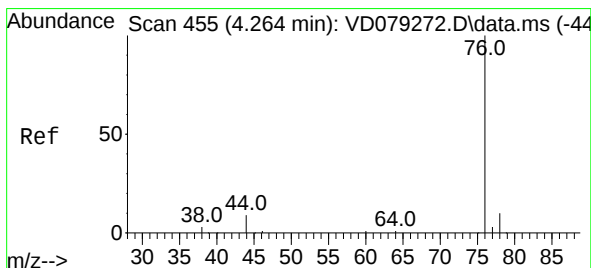
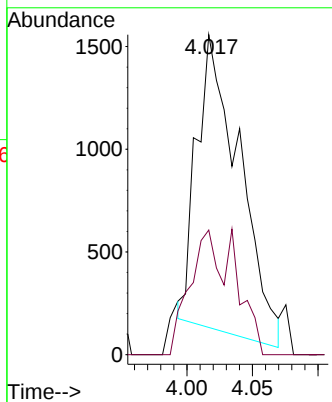
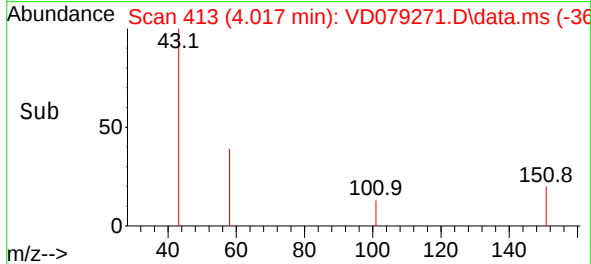


#13
Acetone
Concen: 7.618 ug/L
RT: 4.017 min Scan# 413
Delta R.T. 0.000 min
Lab File: VD079271.D
Acq: 27 Jun 2024 12:36

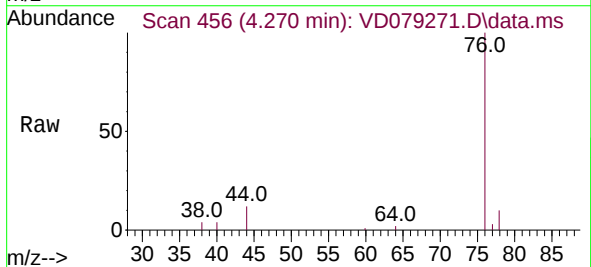
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MSVOA_D
ClientSampleId :



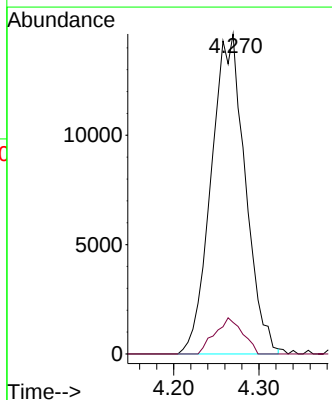
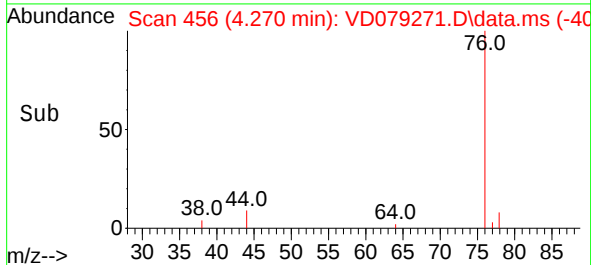
Tgt Ion: 43 Resp: 3227
Ion Ratio Lower Upper
43 100
58 30.5 0.0 81.4

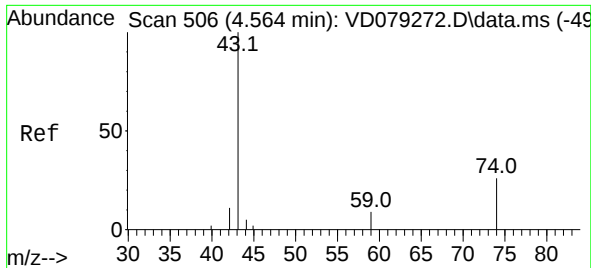


#14
Carbon disulfide
Concen: 4.909 ug/L
RT: 4.270 min Scan# 456
Delta R.T. 0.006 min
Lab File: VD079271.D
Acq: 27 Jun 2024 12:36



Tgt Ion: 76 Resp: 40681
Ion Ratio Lower Upper
76 100
78 9.9 7.8 11.6

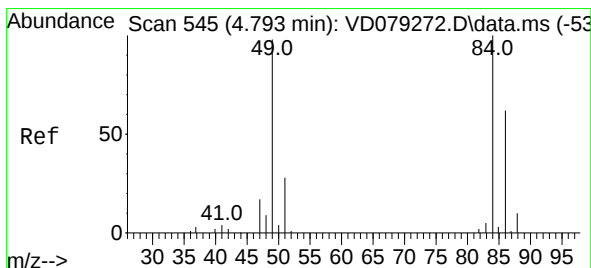
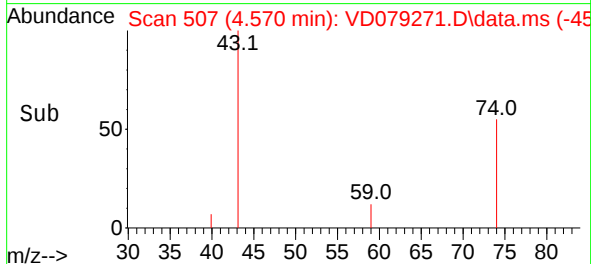
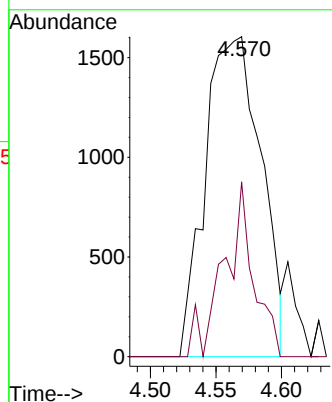
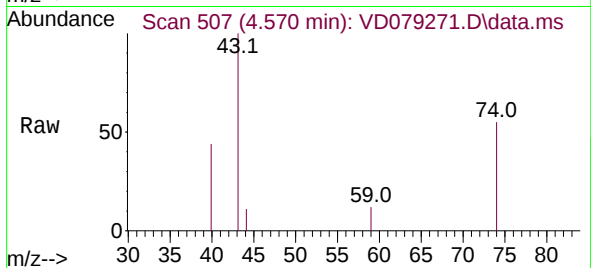




#15
Methyl Acetate
Concen: 4.729 ug/L
RT: 4.570 min Scan# 506
Delta R.T. 0.006 min
Lab File: VD079271.D
Acq: 27 Jun 2024 12:36

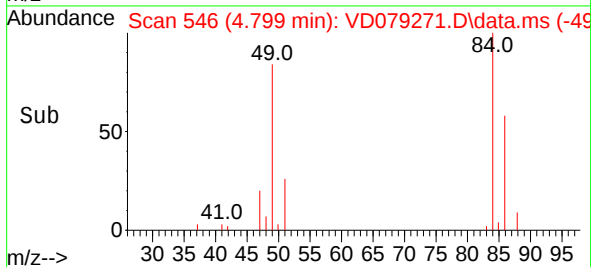
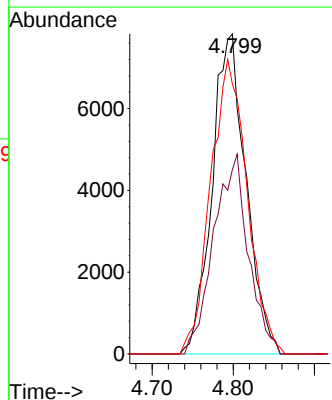
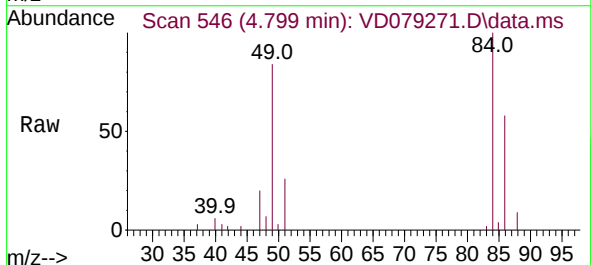
Instrument :
MSVOA_D
ClientSampleId :

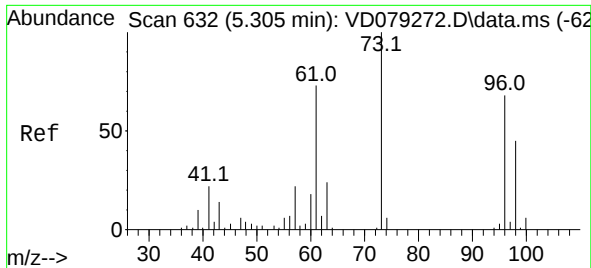
Tgt Ion: 43 Resp: 4751
Ion Ratio Lower Upper
43 100
74 15.3 22.4 33.6#



#16
Methylene chloride
Concen: 5.502 ug/L
RT: 4.799 min Scan# 546
Delta R.T. 0.006 min
Lab File: VD079271.D
Acq: 27 Jun 2024 12:36

Tgt Ion: 84 Resp: 22770
Ion Ratio Lower Upper
84 100
86 57.6 43.8 81.3
49 84.4 69.1 128.3

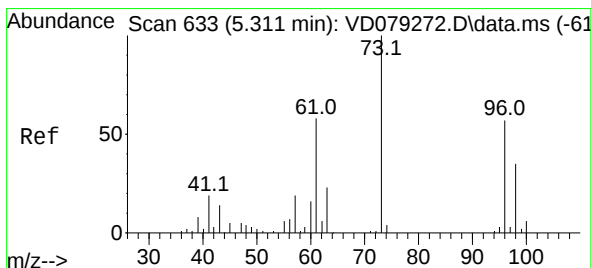
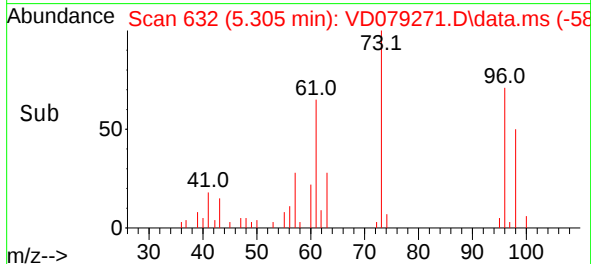
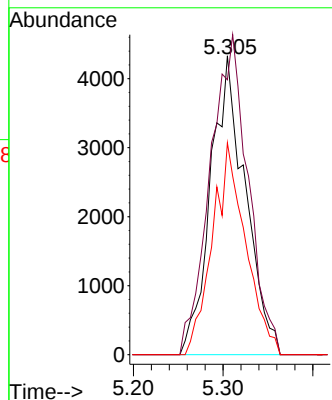
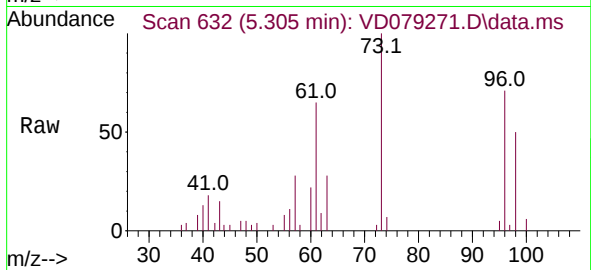




#17
trans-1,2-Dichloroethene
Concen: 4.582 ug/L
RT: 5.305 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD079271.D
Acq: 27 Jun 2024 12:36

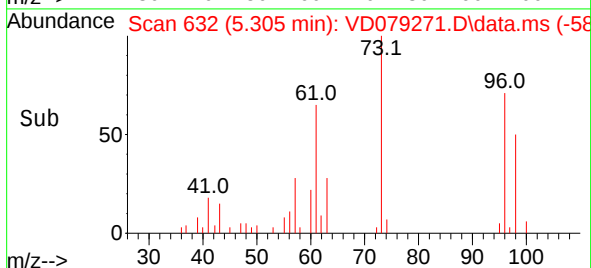
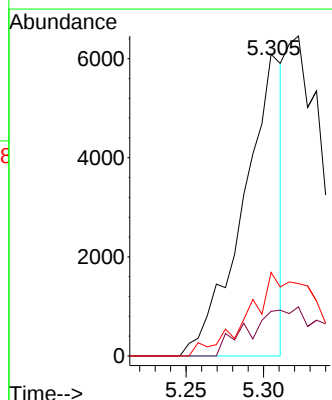
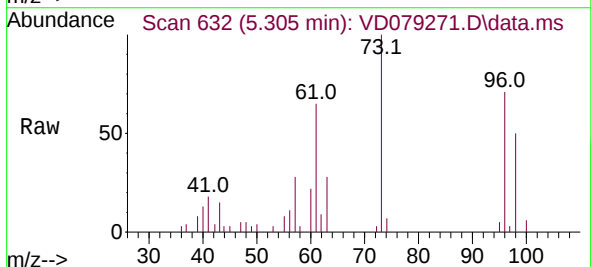
Instrument :
MSVOA_D
ClientSampleId :

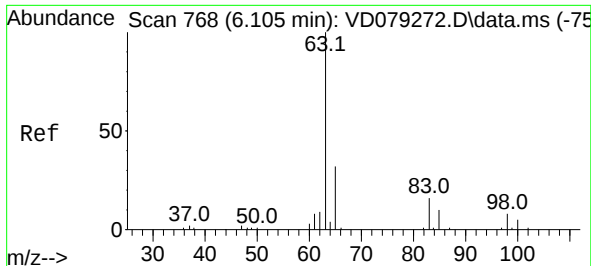
Tgt Ion: 96 Resp: 11639
Ion Ratio Lower Upper
96 100
61 91.9 75.8 140.8
98 70.9 46.6 86.6



#18
Methyl tert-butyl Ether
Concen: 2.049 ug/L
RT: 5.305 min Scan# 632
Delta R.T. -0.006 min
Lab File: VD079271.D
Acq: 27 Jun 2024 12:36

Tgt Ion: 73 Resp: 10696
Ion Ratio Lower Upper
73 100
43 11.2 11.4 17.0#
57 4.6 16.6 24.8#

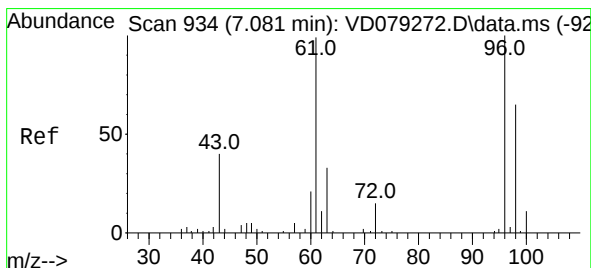
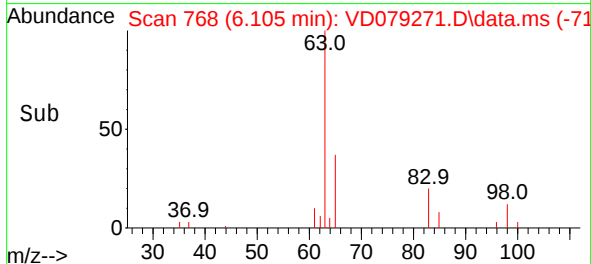
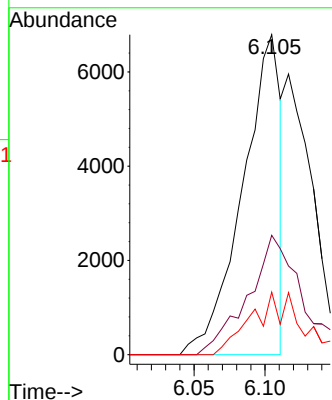
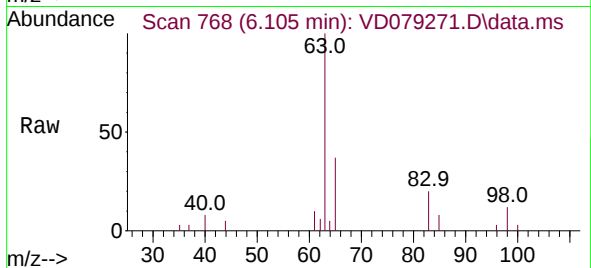




#19
1,1-Dichloroethane
Concen: 2.966 ug/L
RT: 6.105 min Scan# 768
Delta R.T. 0.000 min
Lab File: VD079271.D
Acq: 27 Jun 2024 12:36

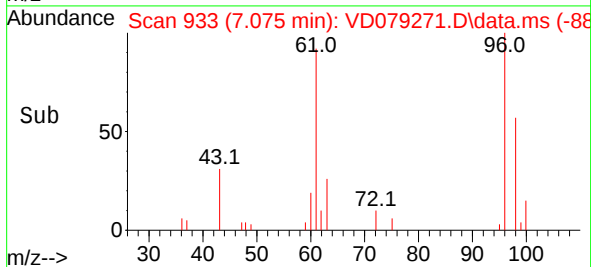
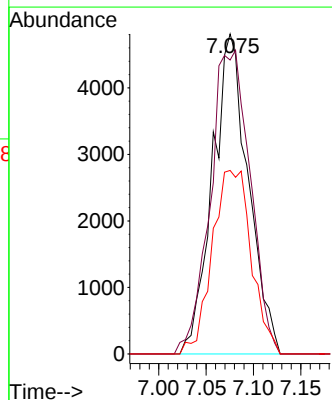
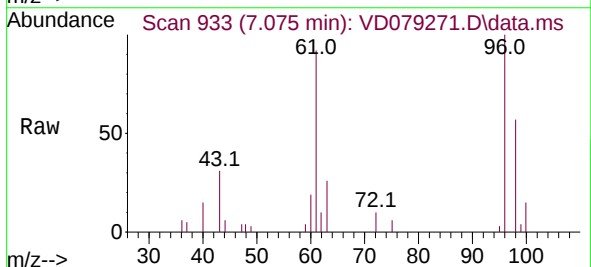
Instrument :
MSVOA_D
ClientSampleId :

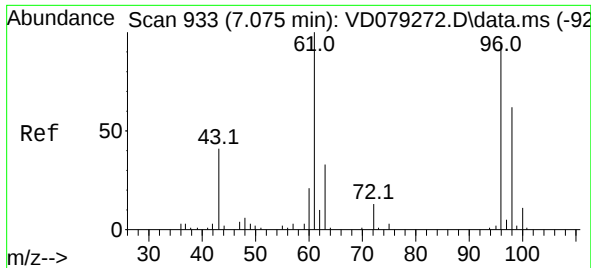
Tgt Ion:	63	Resp:	12651
Ion	Ratio	Lower	Upper
63	100		
65	37.3	22.3	41.3
83	19.6	11.4	21.2



#20
cis-1,2-Dichloroethene
Concen: 4.458 ug/L
RT: 7.075 min Scan# 933
Delta R.T. -0.006 min
Lab File: VD079271.D
Acq: 27 Jun 2024 12:36

Tgt Ion:	96	Resp:	12690
Ion	Ratio	Lower	Upper
96	100		
61	91.9	69.7	129.5
98	57.4	45.6	84.8

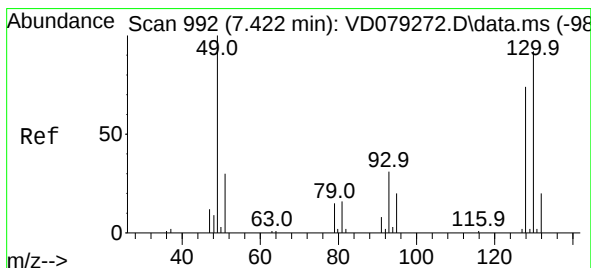
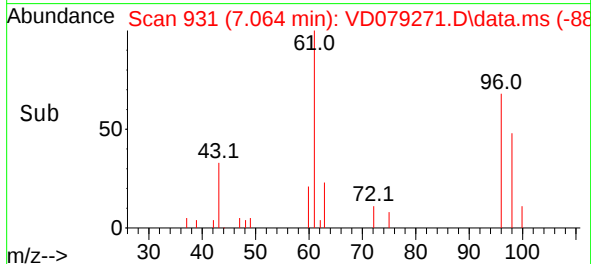
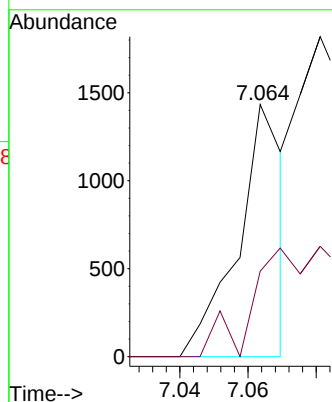
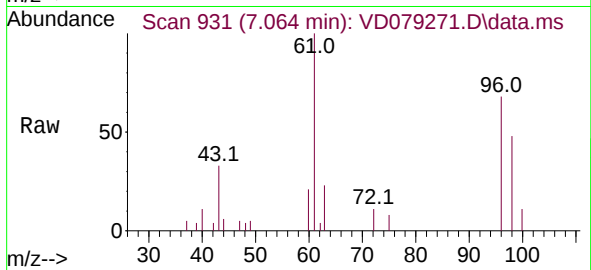




#22
2-Butanone
Concen: 2.113 ug/L
RT: 7.064 min Scan# 91
Delta R.T. -0.012 min
Lab File: VD079271.D
Acq: 27 Jun 2024 12:36

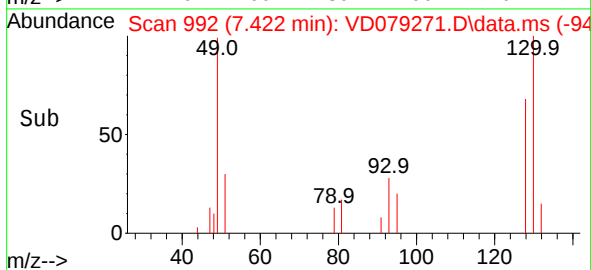
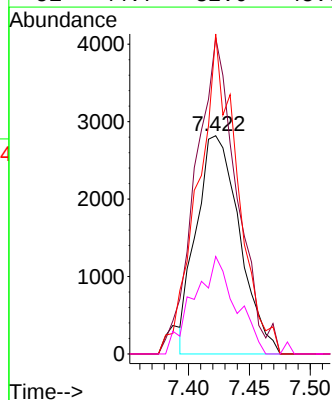
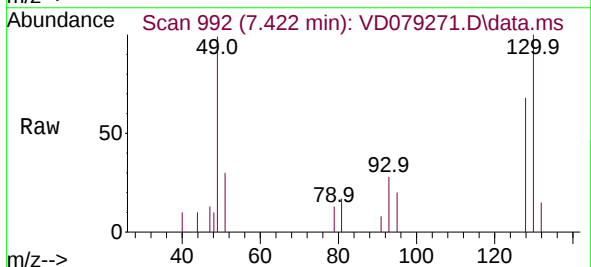
Instrument :
MSVOA_D
ClientSampleId :

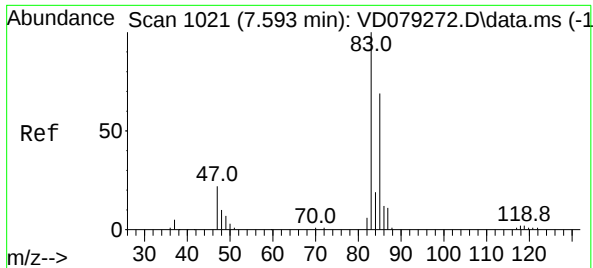
Tgt Ion: 43 Resp: 1331
Ion Ratio Lower Upper
43 100
72 41.7 16.8 50.4



#23
Bromochloromethane
Concen: 4.833 ug/L
RT: 7.422 min Scan# 992
Delta R.T. 0.000 min
Lab File: VD079271.D
Acq: 27 Jun 2024 12:36

Tgt Ion:128 Resp: 6947
Ion Ratio Lower Upper
128 100
49 144.8 94.4 175.4
130 146.6 87.0 161.6
51 44.7 32.0 48.0

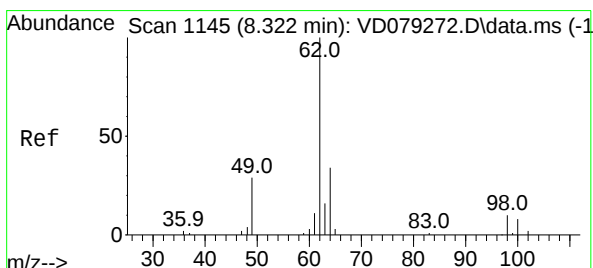
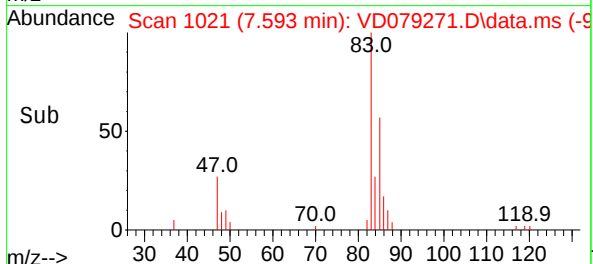
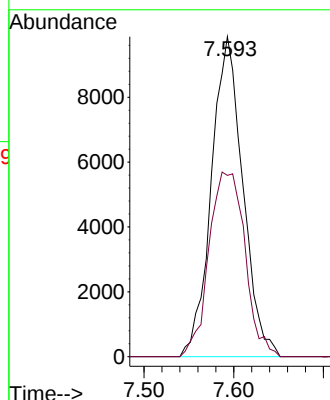
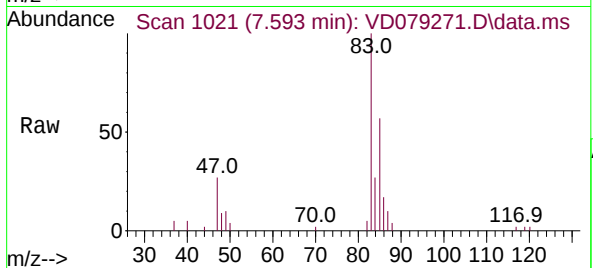




#25
Chloroform
Concen: 4.982 ug/L
RT: 7.593 min Scan# 1021
Delta R.T. 0.000 min
Lab File: VD079271.D
Acq: 27 Jun 2024 12:36

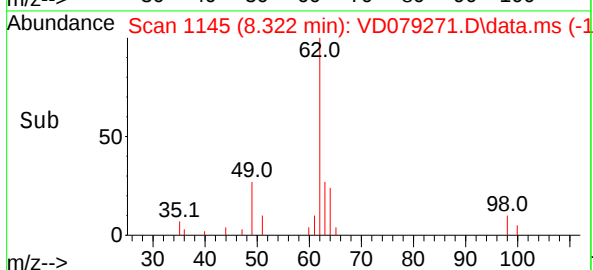
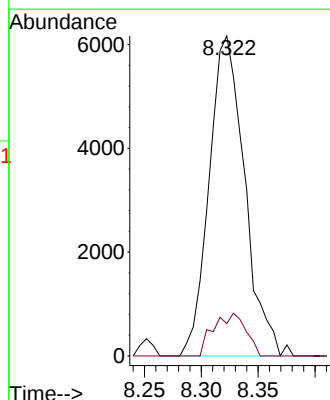
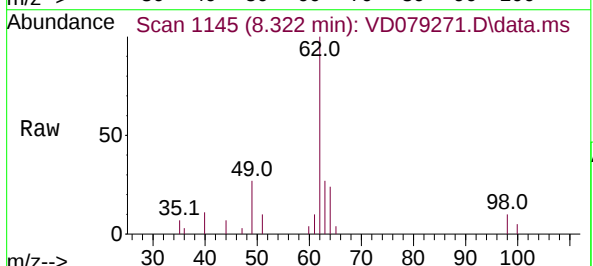
Instrument :
MSVOA_D
ClientSampleId :

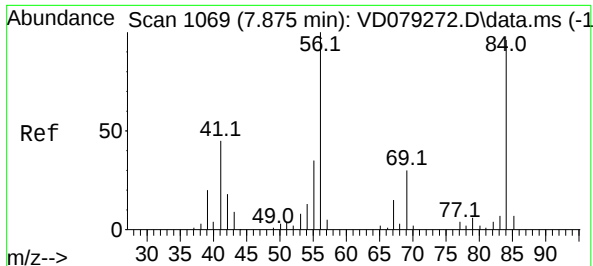
Tgt Ion: 83 Resp: 24002
Ion Ratio Lower Upper
83 100
85 56.7 48.2 89.4



#27
1,2-Dichloroethane
Concen: 4.859 ug/L
RT: 8.322 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VD079271.D
Acq: 27 Jun 2024 12:36

Tgt Ion: 62 Resp: 13342
Ion Ratio Lower Upper
62 100
98 10.1 8.3 12.5





#29

Cyclohexane

Concen: 4.291 ug/L

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD079271.D

Acq: 27 Jun 2024 12:36

Instrument :

MSVOA_D

ClientSampleId :

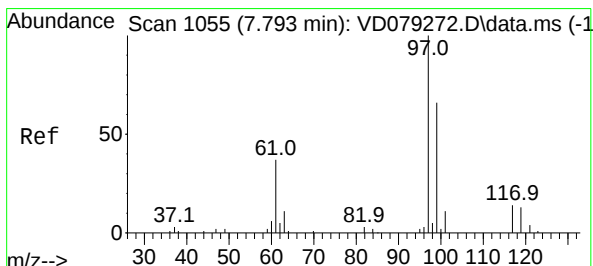
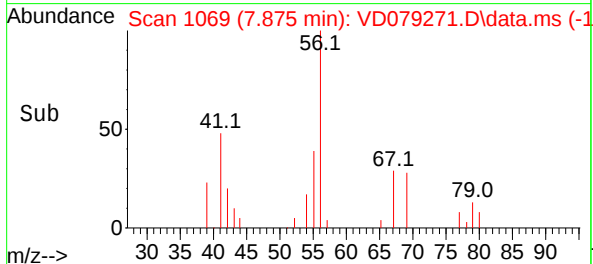
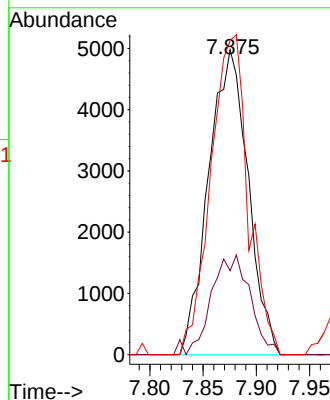
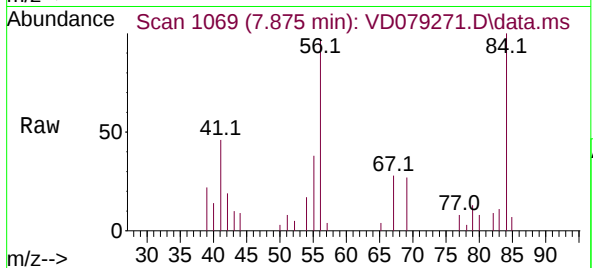
Tgt Ion: 56 Resp: 12811

Ion Ratio Lower Upper

56 100

69 31.5 25.0 37.4

84 99.8 81.7 122.5



#30

1,1,1-Trichloroethane

Concen: 2.470 ug/L

RT: 7.799 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VD079271.D

Acq: 27 Jun 2024 12:36

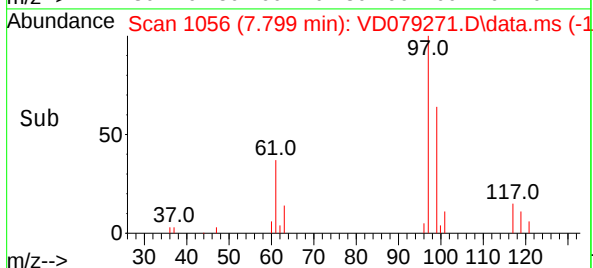
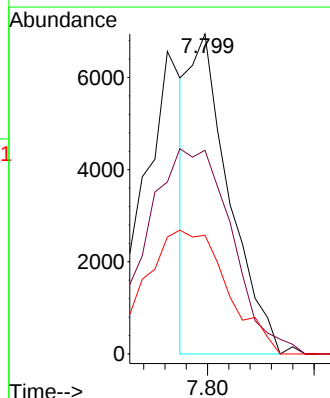
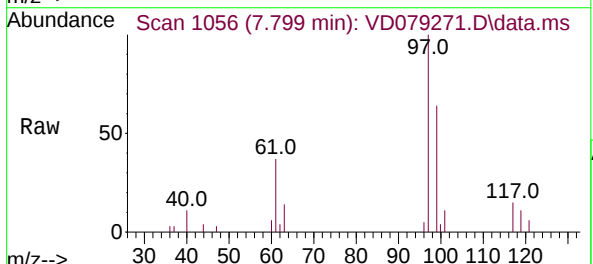
Tgt Ion: 97 Resp: 9069

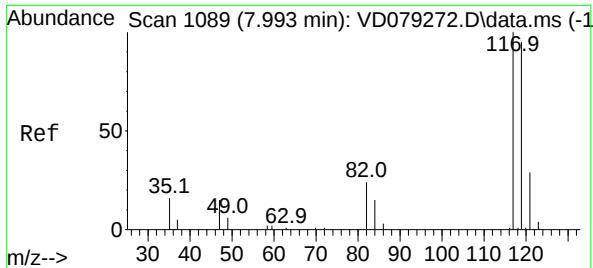
Ion Ratio Lower Upper

97 100

99 0.0 52.2 78.4#

61 0.0 31.3 46.9#

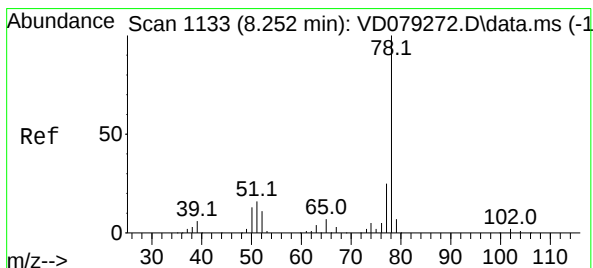
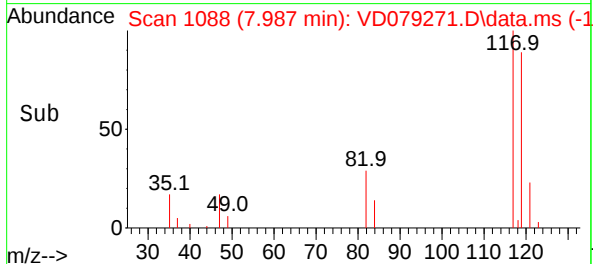
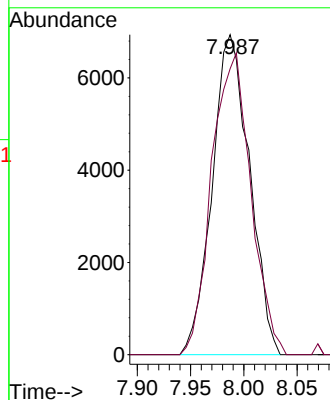
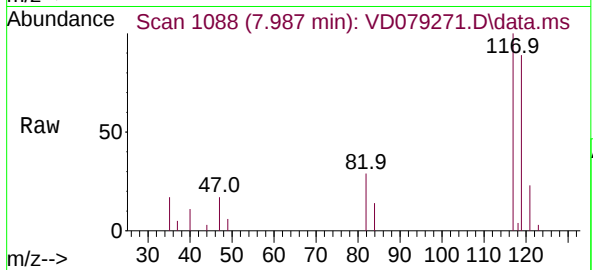




#31
Carbon tetrachloride
Concen: 5.108 ug/L
RT: 7.987 min Scan# 110
Delta R.T. -0.006 min
Lab File: VD079271.D
Acq: 27 Jun 2024 12:36

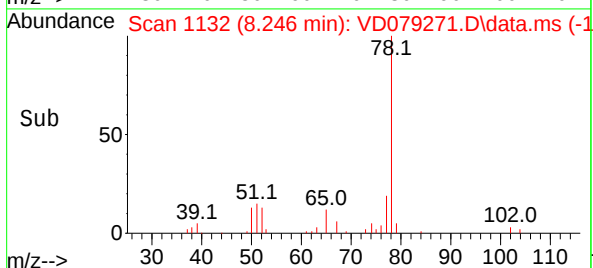
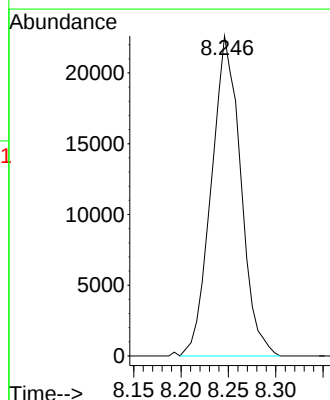
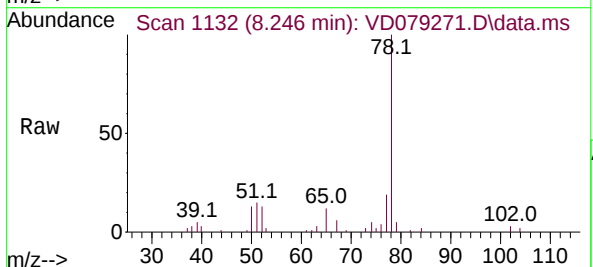
Instrument :
MSVOA_D
ClientSampleId :

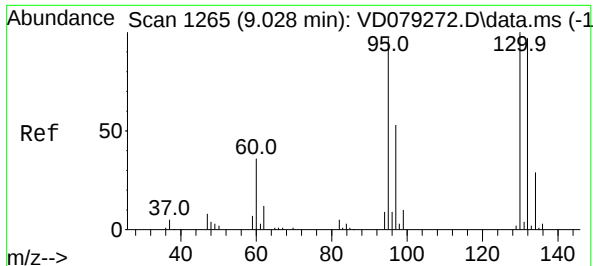
Tgt Ion:117 Resp: 16919
Ion Ratio Lower Upper
117 100
119 98.7 77.8 116.8



#33
Benzene
Concen: 4.607 ug/L
RT: 8.246 min Scan# 1132
Delta R.T. -0.006 min
Lab File: VD079271.D
Acq: 27 Jun 2024 12:36

Tgt Ion: 78 Resp: 48780





#34

Trichloroethene

Concen: 4.702 ug/L

RT: 9.022 min Scan# 1264

Delta R.T. -0.006 min

Lab File: VD079271.D

Acq: 27 Jun 2024 12:36

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 95 Resp: 12168

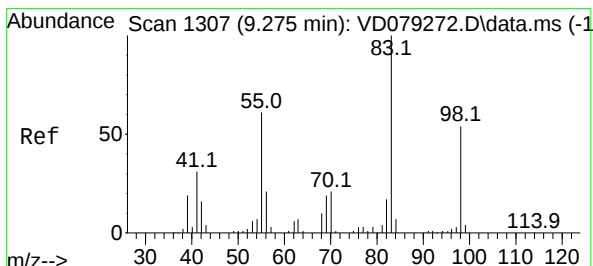
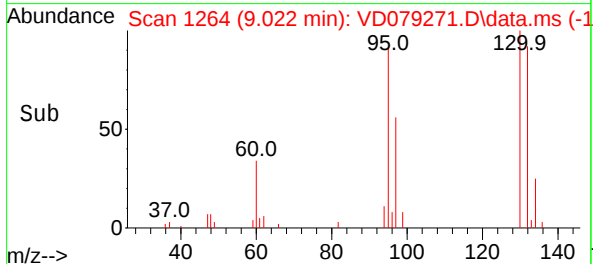
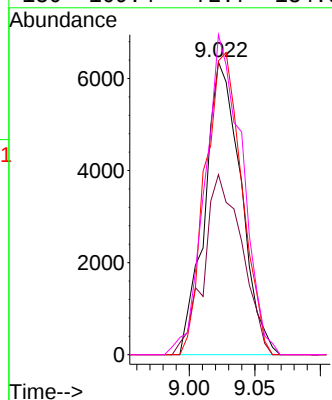
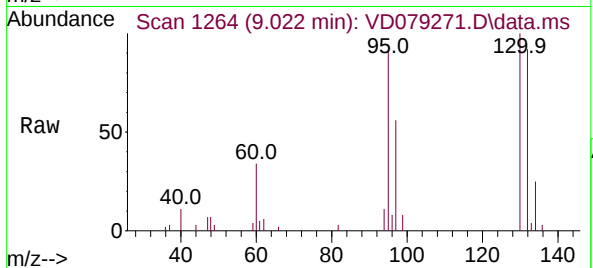
Ion Ratio Lower Upper

95 100

97 61.5 38.4 71.2

132 100.4 70.0 130.0

130 109.4 72.7 134.9



#35

Methylcyclohexane

Concen: 4.127 ug/L

RT: 9.275 min Scan# 1307

Delta R.T. 0.000 min

Lab File: VD079271.D

Acq: 27 Jun 2024 12:36

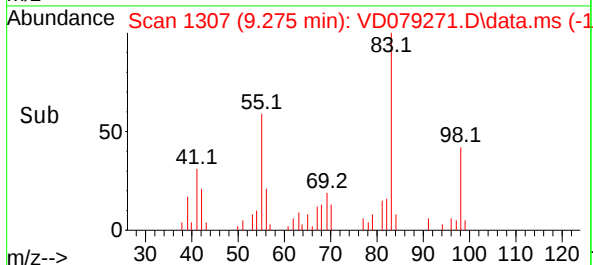
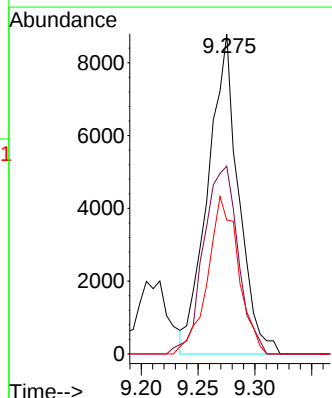
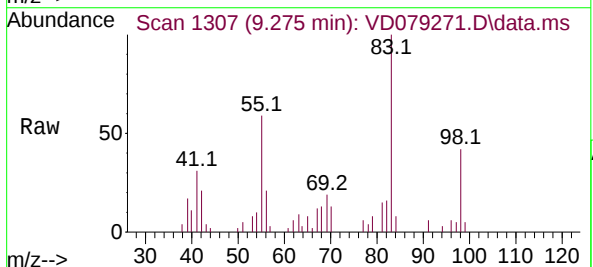
Tgt Ion: 83 Resp: 16468

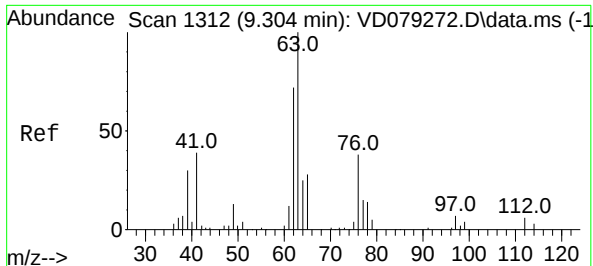
Ion Ratio Lower Upper

83 100

55 66.0 50.9 76.3

98 49.5 39.9 59.9

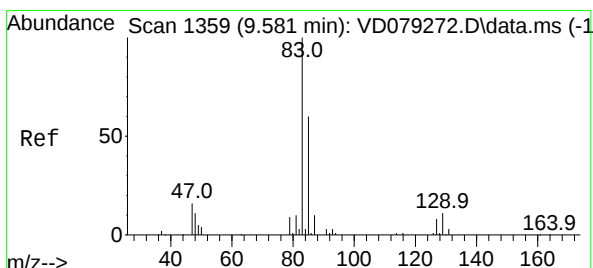
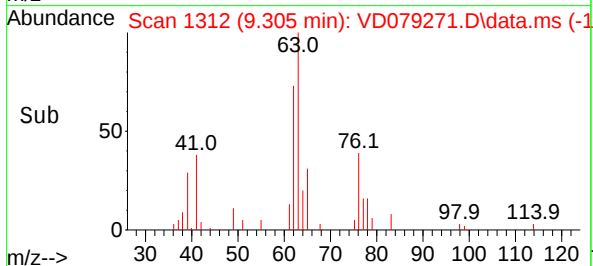
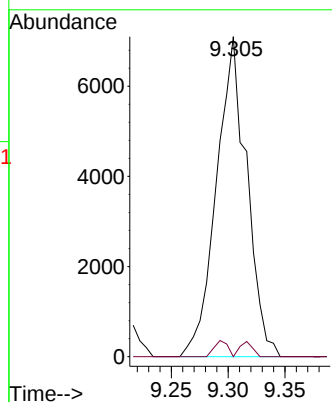
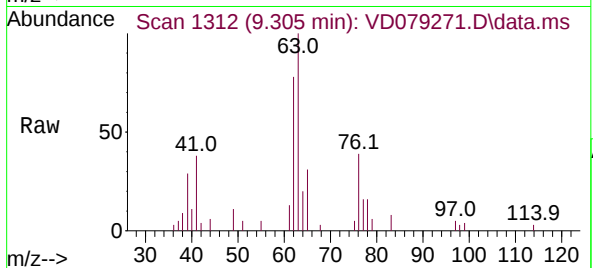




#37
1,2-Dichloropropane
Concen: 4.770 ug/L
RT: 9.305 min Scan# 1312
Delta R.T. 0.000 min
Lab File: VD079271.D
Acq: 27 Jun 2024 12:36

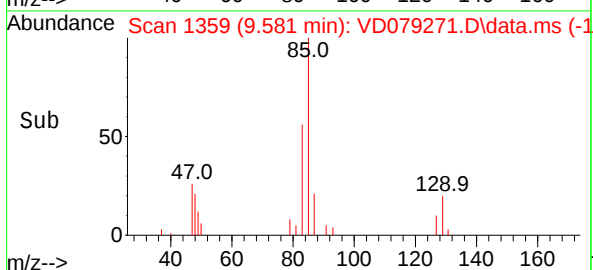
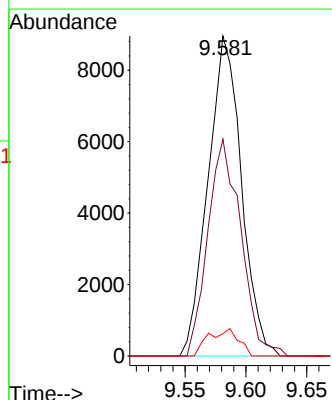
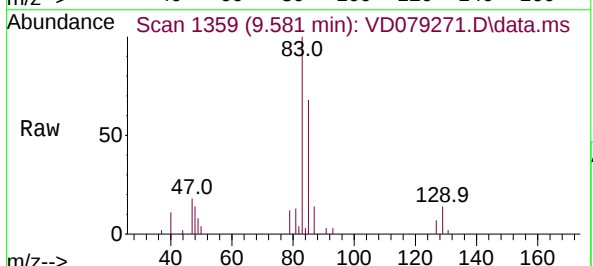
Instrument :
MSVOA_D
ClientSampleId :

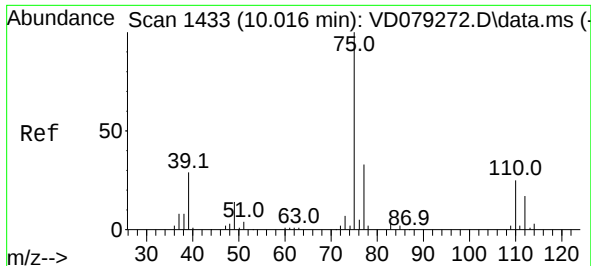
Tgt Ion: 63 Resp: 13196
Ion Ratio Lower Upper
63 100
112 2.0 3.9 5.9#



#38
Bromodichloromethane
Concen: 4.834 ug/L
RT: 9.581 min Scan# 1359
Delta R.T. 0.000 min
Lab File: VD079271.D
Acq: 27 Jun 2024 12:36

Tgt Ion: 83 Resp: 17129
Ion Ratio Lower Upper
83 100
85 67.7 41.8 77.6
127 7.0 6.1 9.1





#39

cis-1,3-Dichloropropene

Concen: 4.423 ug/L

RT: 10.016 min Scan# 1433

Delta R.T. 0.000 min

Lab File: VD079271.D

Acq: 27 Jun 2024 12:36

Instrument :

MSVOA_D

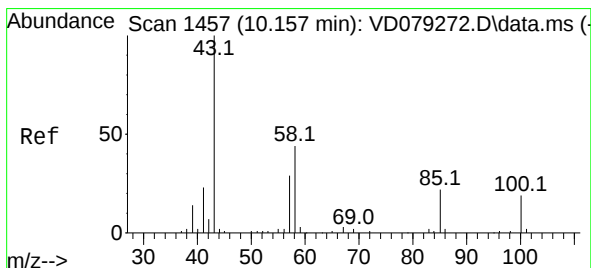
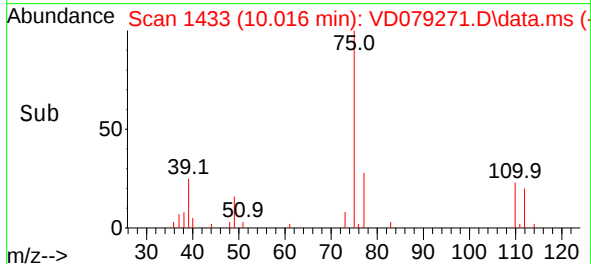
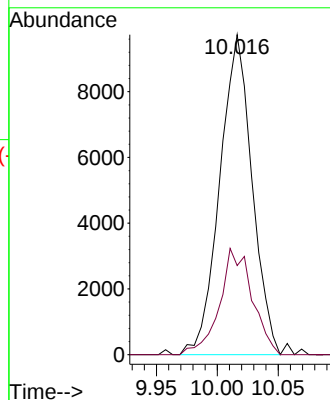
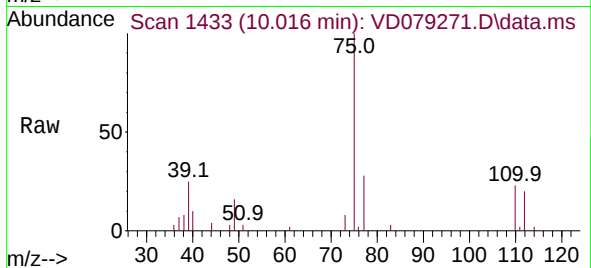
ClientSampleId :

Tgt Ion: 75 Resp: 17959

Ion Ratio Lower Upper

75 100

77 27.8 22.8 42.4



#40

4-Methyl-2-pentanone

Concen: 8.745 ug/L

RT: 10.157 min Scan# 1457

Delta R.T. 0.000 min

Lab File: VD079271.D

Acq: 27 Jun 2024 12:36

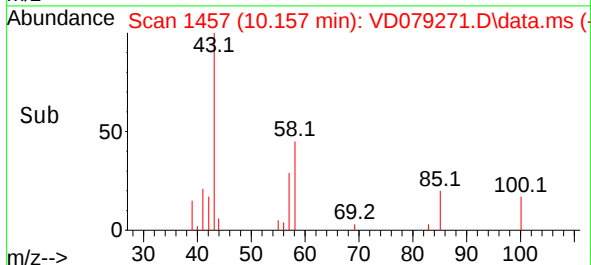
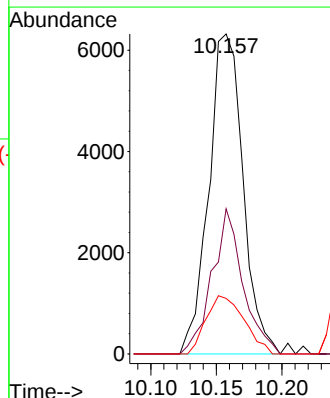
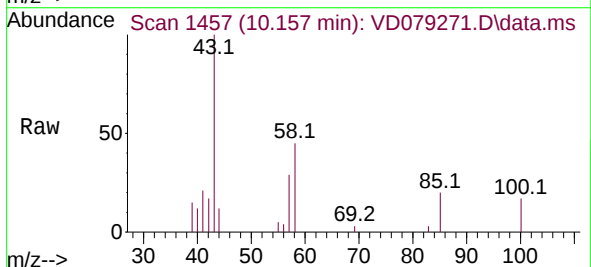
Tgt Ion: 43 Resp: 11469

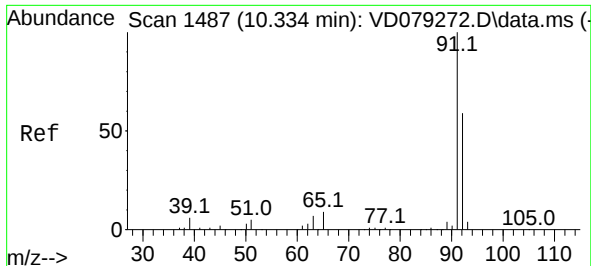
Ion Ratio Lower Upper

43 100

58 40.9 37.5 56.3

100 20.2 17.4 26.0





#42

Toluene

Concen: 4.360 ug/L

RT: 10.334 min Scan# 1487

Delta R.T. 0.000 min

Lab File: VD079271.D

Acq: 27 Jun 2024 12:36

Instrument :

MSVOA_D

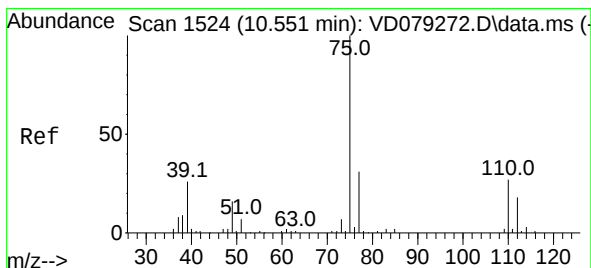
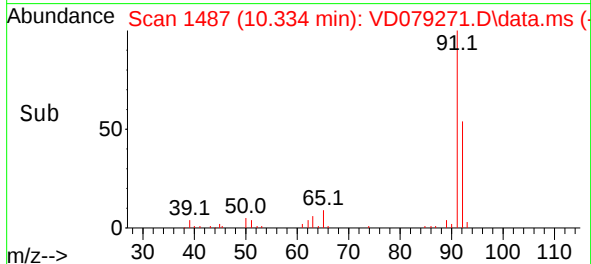
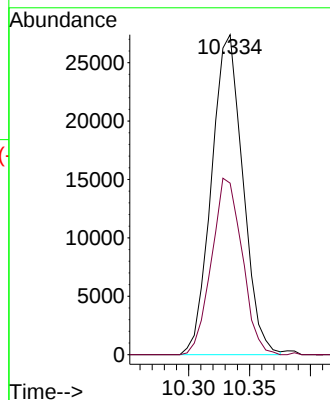
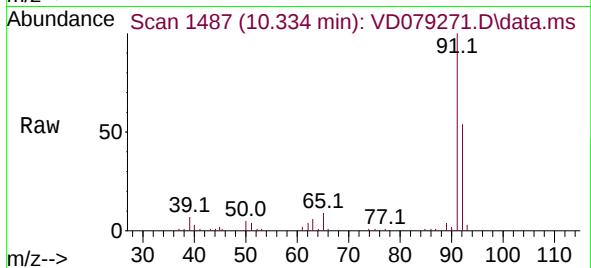
ClientSampleId :

Tgt Ion: 91 Resp: 49124

Ion Ratio Lower Upper

91 100

92 53.6 41.5 77.1



#44

trans-1,3-Dichloropropene

Concen: 4.315 ug/L

RT: 10.552 min Scan# 1524

Delta R.T. 0.000 min

Lab File: VD079271.D

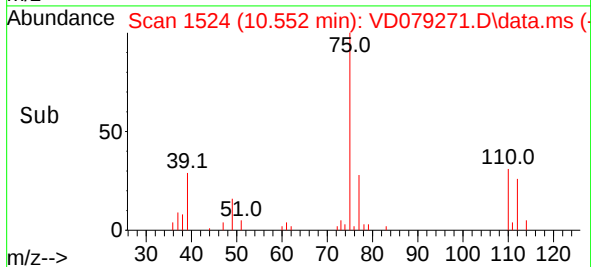
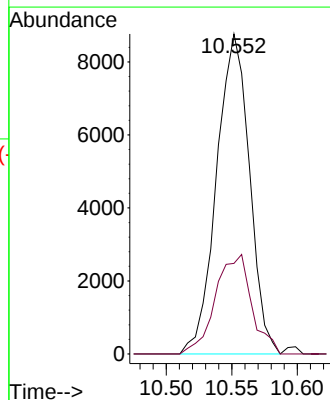
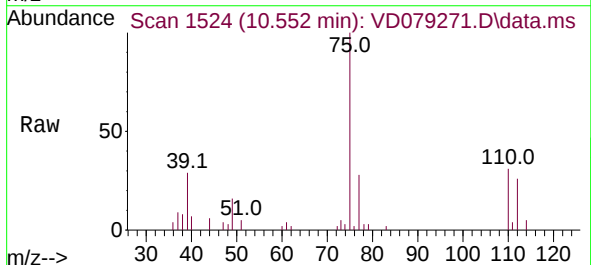
Acq: 27 Jun 2024 12:36

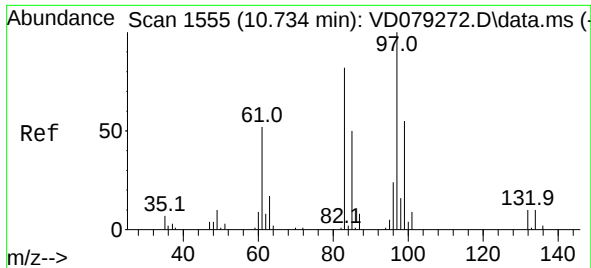
Tgt Ion: 75 Resp: 15307

Ion Ratio Lower Upper

75 100

77 28.3 21.3 39.6





#45

1,1,2-Trichloroethane

Concen: 4.963 ug/L

RT: 10.734 min Scan# 1555

Delta R.T. 0.000 min

Lab File: VD079271.D

Acq: 27 Jun 2024 12:36

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 97 Resp: 11798

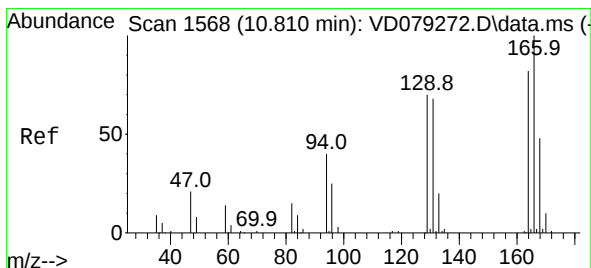
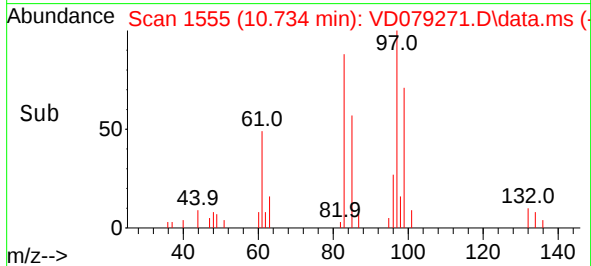
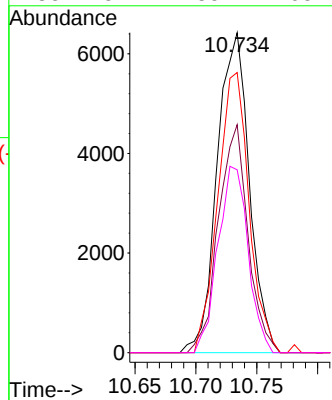
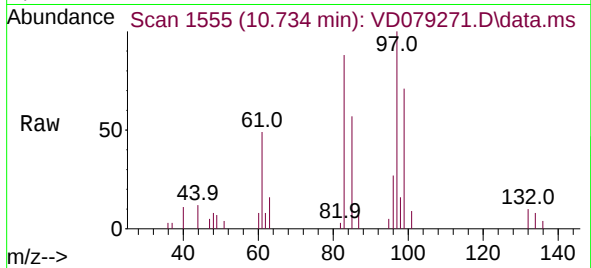
Ion Ratio Lower Upper

97 100

99 71.3 38.7 71.9

83 87.6 57.1 106.1

85 57.2 35.1 65.3



#46

Tetrachloroethene

Concen: 4.794 ug/L

RT: 10.805 min Scan# 1567

Delta R.T. -0.006 min

Lab File: VD079271.D

Acq: 27 Jun 2024 12:36

Tgt Ion:164 Resp: 9879

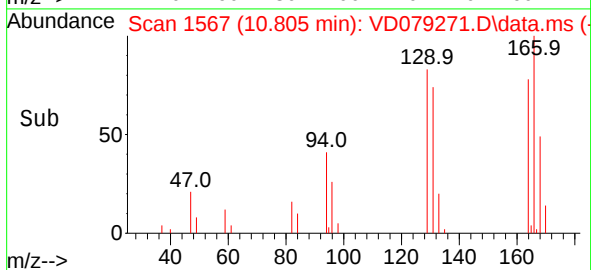
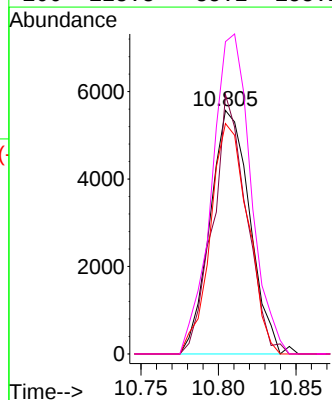
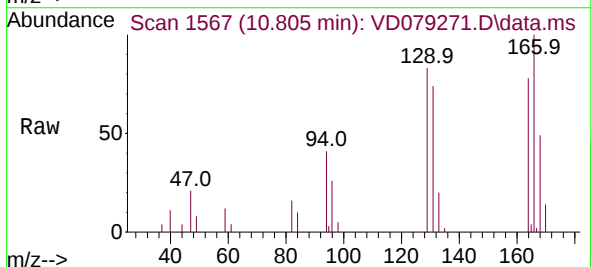
Ion Ratio Lower Upper

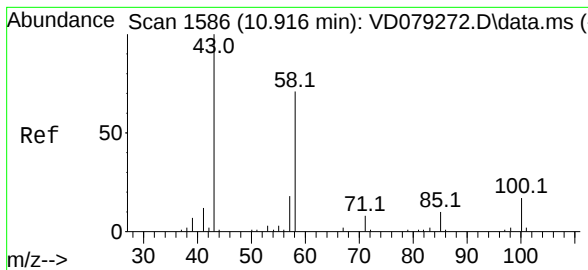
164 100

129 106.5 60.0 111.4

131 94.6 57.7 107.1

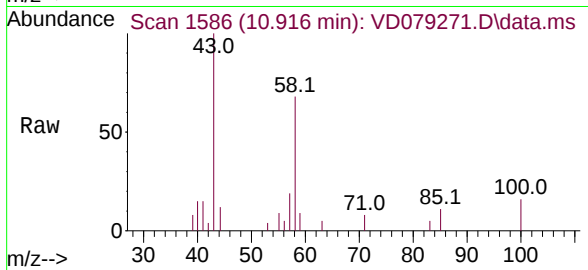
166 128.3 85.2 158.2



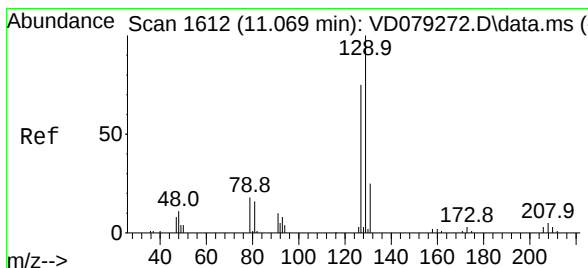
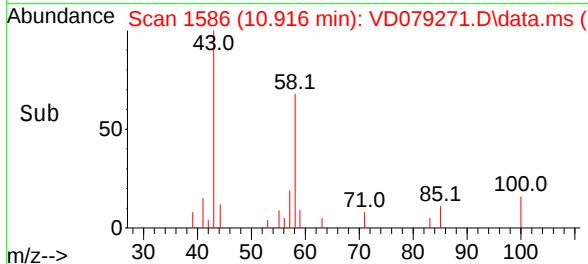
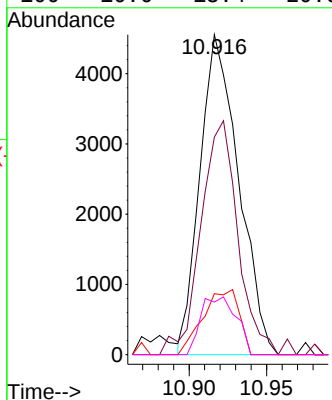


#48
2-Hexanone
Concen: 8.262 ug/L
RT: 10.916 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VD079271.D
Acq: 27 Jun 2024 12:36

Instrument :
MSVOA_D
ClientSampleId :

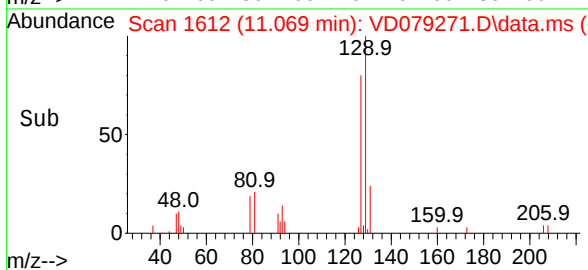
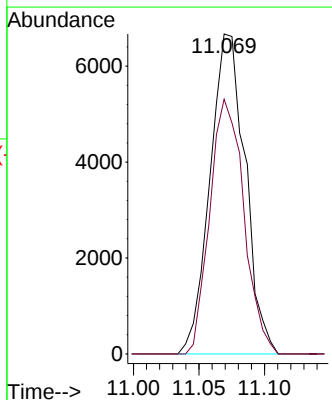
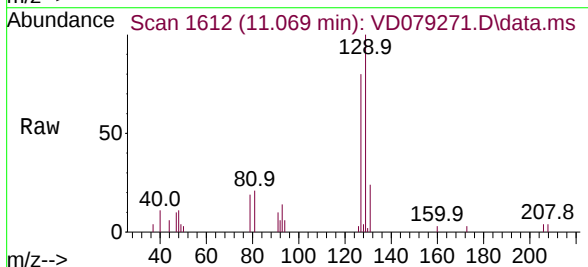


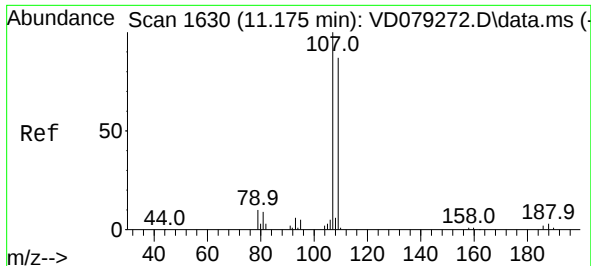
Tgt Ion: 43	Resp: 7910
Ion Ratio	Lower Upper
43 100	
58 67.7	53.4 80.2
57 19.0	15.0 22.4
100 16.6	13.4 20.0



#49
Dibromochloromethane
Concen: 4.845 ug/L
RT: 11.069 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VD079271.D
Acq: 27 Jun 2024 12:36

Tgt	Ion:129	Resp:	12438
Ion	Ratio	Lower	Upper
129	100		
127	79.6	52.2	97.0





#50

1,2-Dibromoethane

Concen: 4.804 ug/L

RT: 11.181 min Scan# 1

Delta R.T. 0.006 min

Lab File: VD079271.D

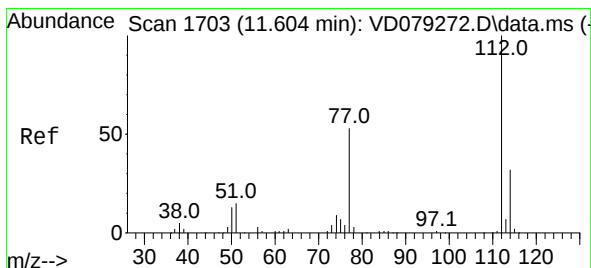
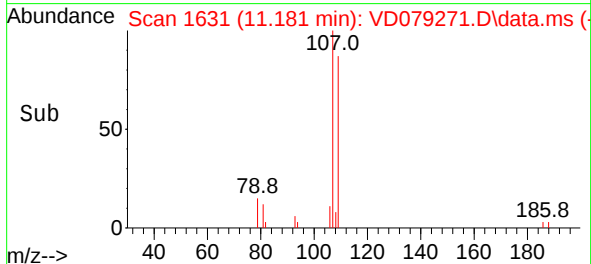
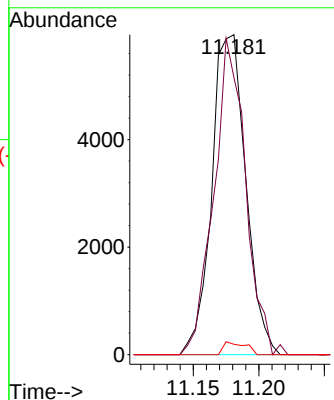
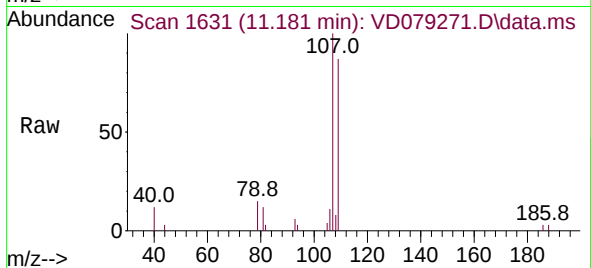
Acq: 27 Jun 2024 12:36

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:107	Resp:	10744
Ion	Ratio	Lower Upper
107	100	
109	86.6	60.6 112.6
188	3.3	2.7 4.1



#51

Chlorobenzene

Concen: 4.703 ug/L

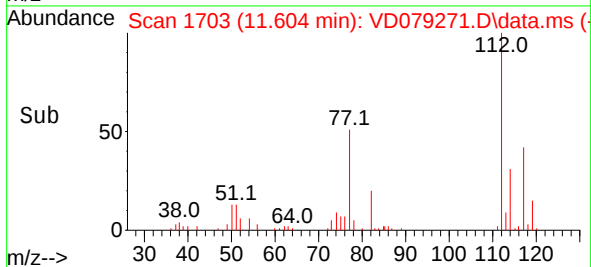
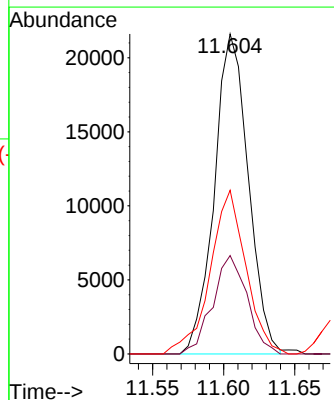
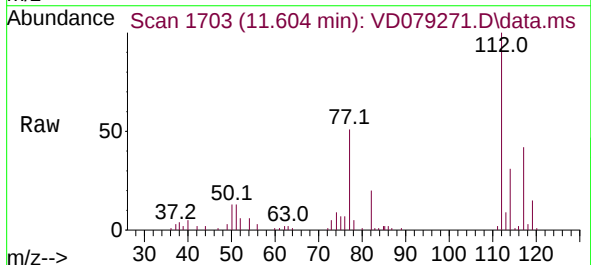
RT: 11.604 min Scan# 1703

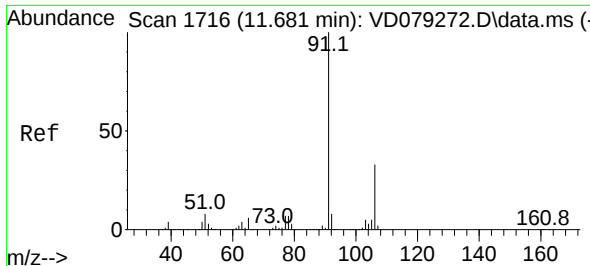
Delta R.T. 0.000 min

Lab File: VD079271.D

Acq: 27 Jun 2024 12:36

Tgt Ion:112	Resp:	35911
Ion	Ratio	Lower Upper
112	100	
114	30.8	22.5 41.7
77	51.2	42.6 64.0





#52

Ethylbenzene

Concen: 4.131 ug/L

RT: 11.681 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VD079271.D

Acq: 27 Jun 2024 12:36

Instrument :

MSVOA_D

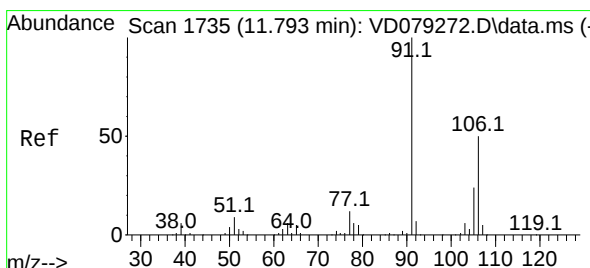
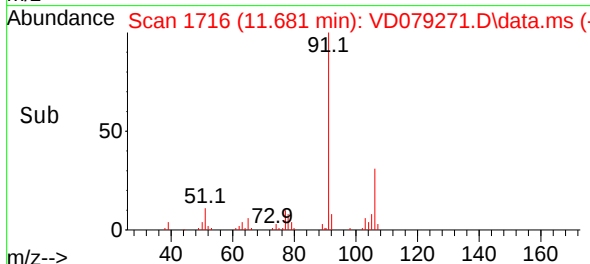
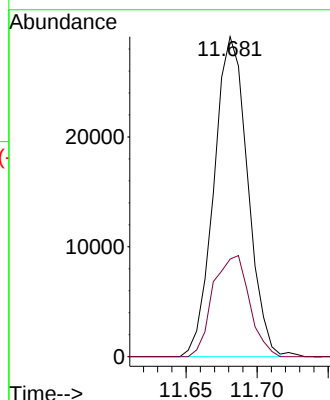
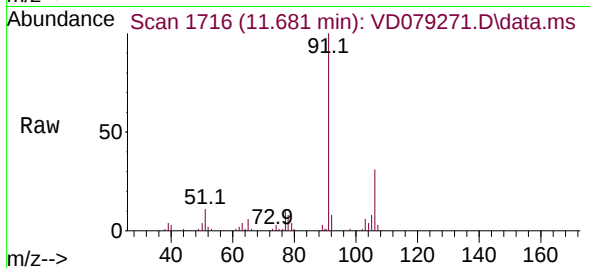
ClientSampleId :

Tgt Ion: 91 Resp: 48039

Ion Ratio Lower Upper

91 100

106 30.5 22.8 42.4



#53

m,p-Xylene

Concen: 4.081 ug/L

RT: 11.793 min Scan# 1735

Delta R.T. 0.000 min

Lab File: VD079271.D

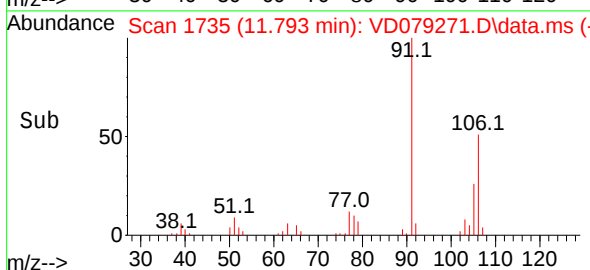
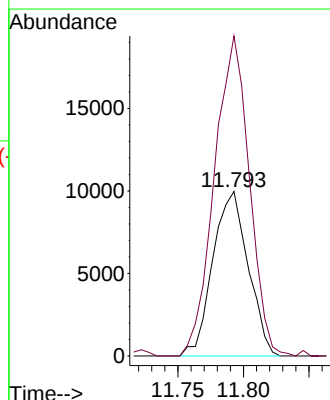
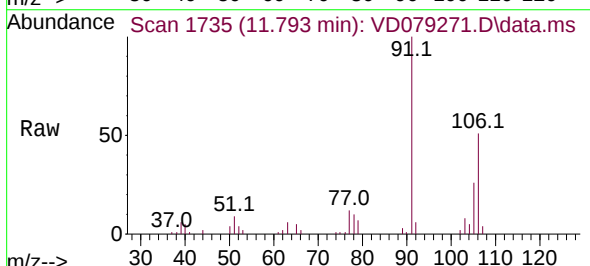
Acq: 27 Jun 2024 12:36

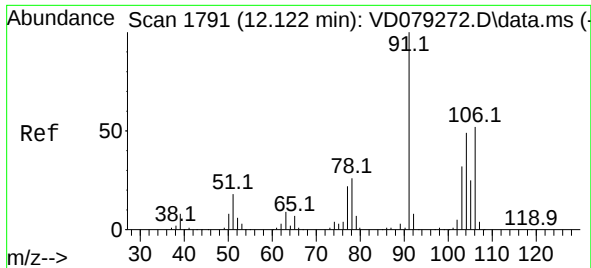
Tgt Ion:106 Resp: 18718

Ion Ratio Lower Upper

106 100

91 194.5 138.9 257.9





#54

o-Xylene

Concen: 4.132 ug/L

RT: 12.116 min Scan# 1790

Delta R.T. -0.006 min

Lab File: VD079271.D

Acq: 27 Jun 2024 12:36

Instrument :

MSVOA_D

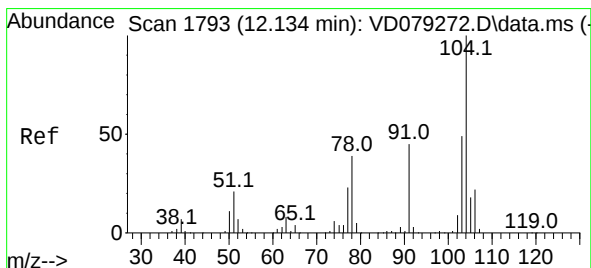
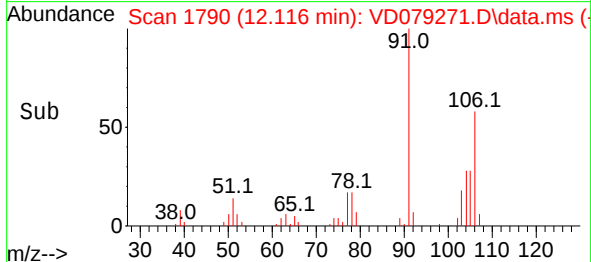
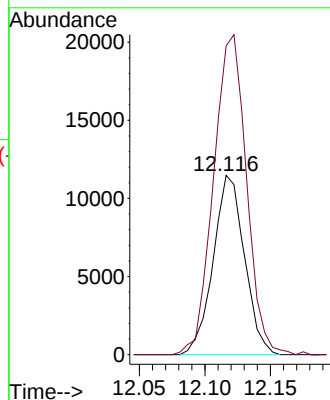
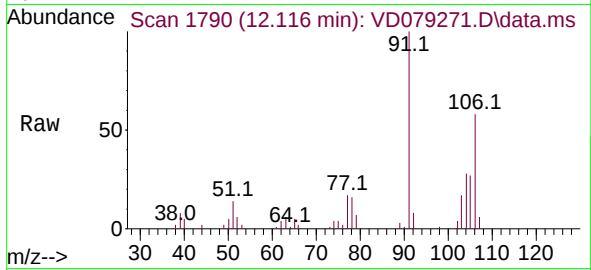
ClientSampleId :

Tgt Ion:106 Resp: 19047

Ion Ratio Lower Upper

106 100

91 172.2 135.6 251.8



#55

Styrene

Concen: 3.976 ug/L

RT: 12.134 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VD079271.D

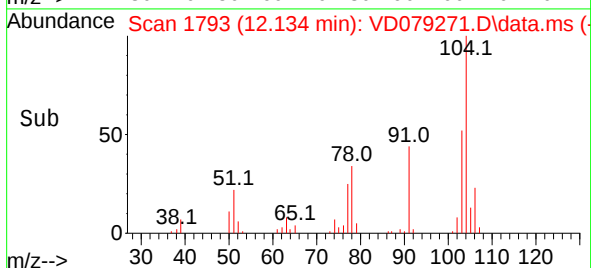
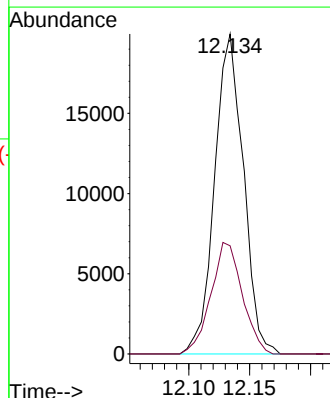
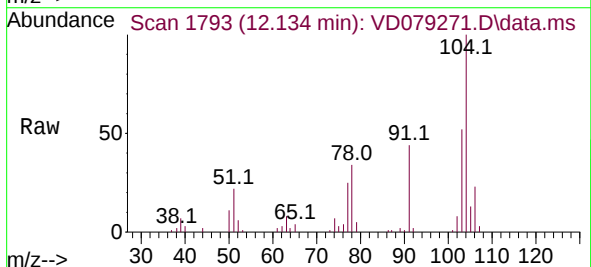
Acq: 27 Jun 2024 12:36

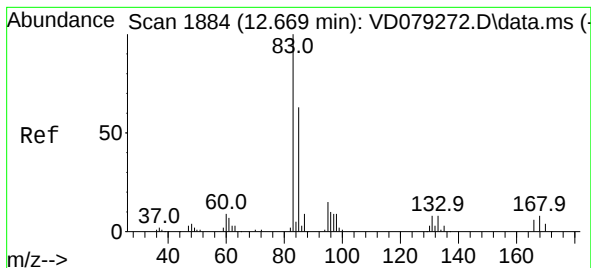
Tgt Ion:104 Resp: 32781

Ion Ratio Lower Upper

104 100

78 33.8 27.4 50.8





#57

1,1,2,2-Tetrachloroethane

Concen: 5.030 ug/L

RT: 12.669 min Scan# 1884

Delta R.T. 0.000 min

Lab File: VD079271.D

Acq: 27 Jun 2024 12:36

Instrument :

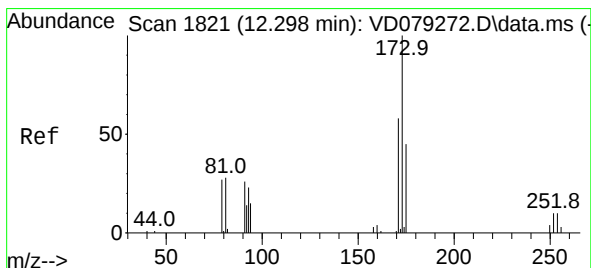
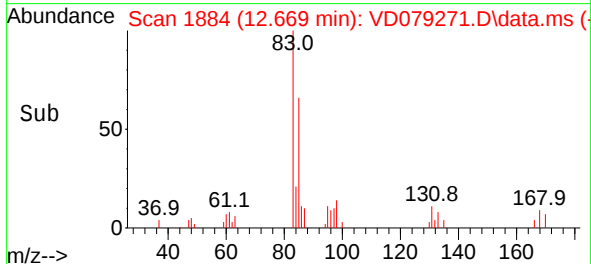
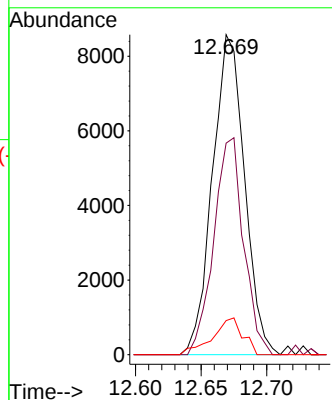
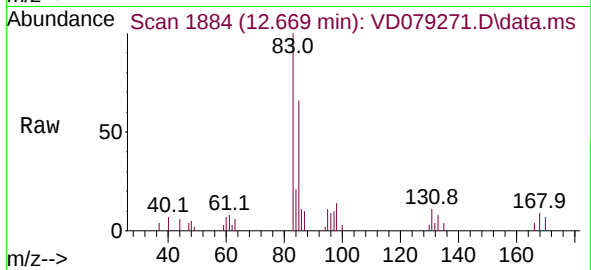
MSVOA_D

ClientSampleId :

Tgt Ion: 83 Resp: 14583

Ion Ratio Lower Upper

83	100		
85	66.1	44.0	81.8
131	10.6	6.0	9.0#



#59

Bromoform

Concen: 5.160 ug/L

RT: 12.299 min Scan# 1821

Delta R.T. 0.000 min

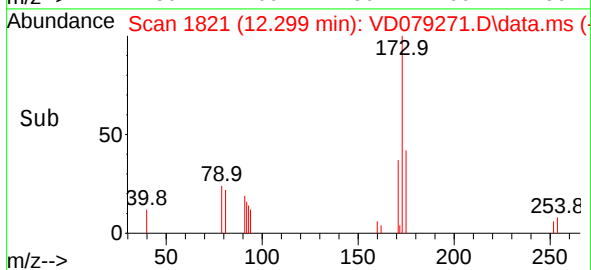
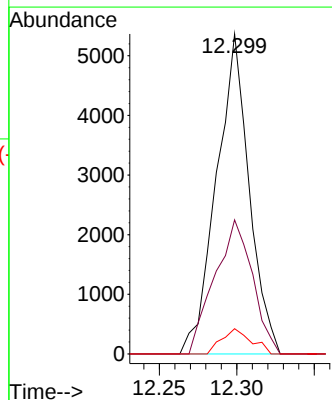
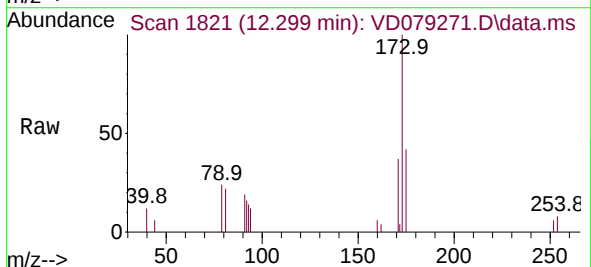
Lab File: VD079271.D

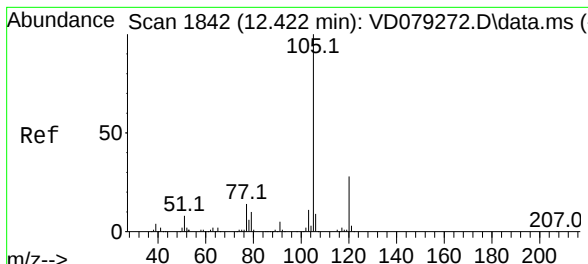
Acq: 27 Jun 2024 12:36

Tgt Ion:173 Resp: 7857

Ion Ratio Lower Upper

173	100		
175	48.5	39.1	58.7
254	7.1	7.3	10.9#

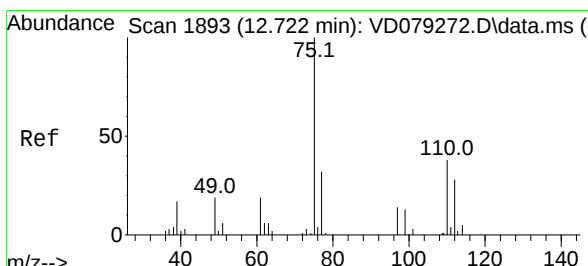
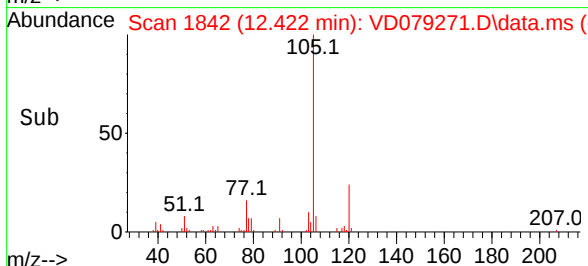
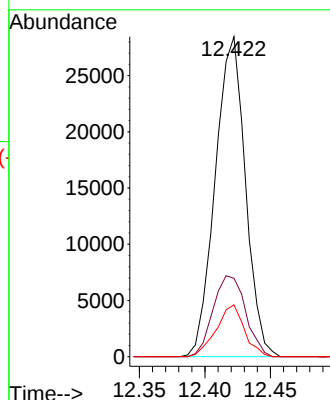
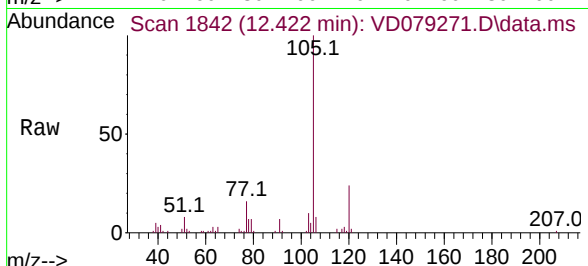




#60
Isopropylbenzene
Concen: 4.498 ug/L
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD079271.D
Acq: 27 Jun 2024 12:36

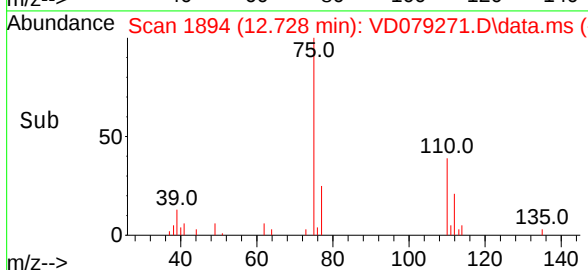
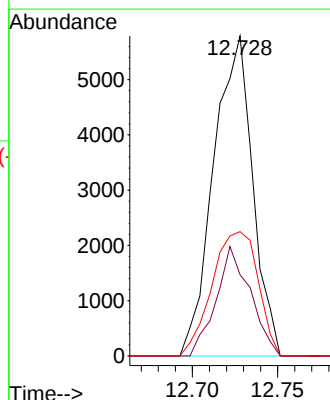
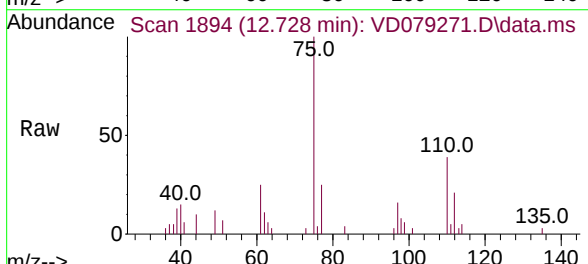
Instrument :
MSVOA_D
ClientSampleId :

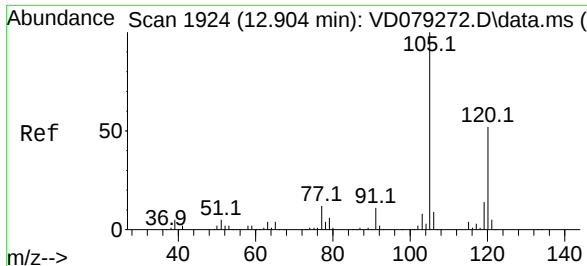
Tgt Ion:105	Resp:	45551
Ion Ratio	Lower	Upper
105	100	
120	27.2	21.9 32.9
77	15.1	11.2 16.8



#61
1,2,3-Trichloropropane
Concen: 5.608 ug/L
RT: 12.728 min Scan# 1894
Delta R.T. 0.006 min
Lab File: VD079271.D
Acq: 27 Jun 2024 12:36

Tgt Ion: 75	Resp:	9229
Ion Ratio	Lower	Upper
75	100	
77	29.9	27.3 40.9
110	45.7	34.0 51.0





#62

1,3,5-Trimethylbenzene

Concen: 4.096 ug/L

RT: 12.899 min Scan# 1923

Delta R.T. -0.006 min

Lab File: VD079271.D

Acq: 27 Jun 2024 12:36

Instrument :

MSVOA_D

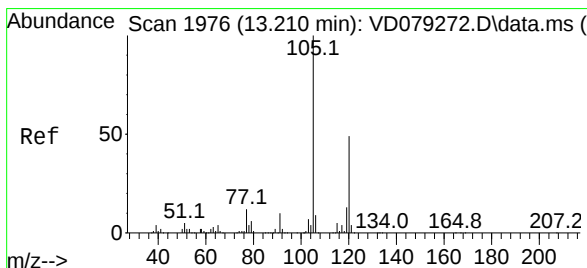
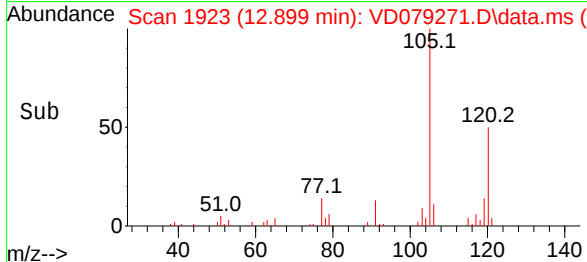
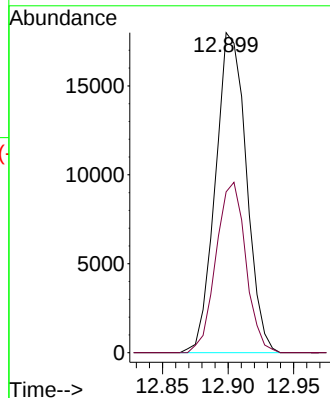
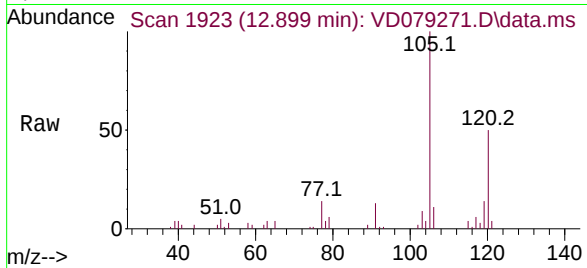
ClientSampleId :

Tgt Ion:105 Resp: 29512

Ion Ratio Lower Upper

105 100

120 51.3 40.0 60.0



#63

1,2,4-Trimethylbenzene

Concen: 4.227 ug/L

RT: 13.210 min Scan# 1976

Delta R.T. 0.000 min

Lab File: VD079271.D

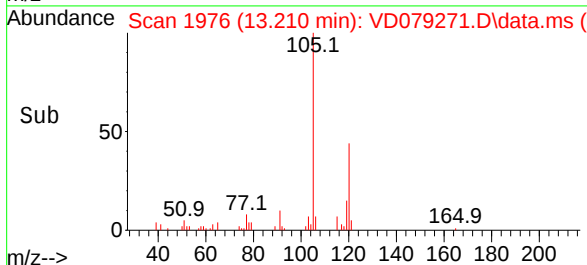
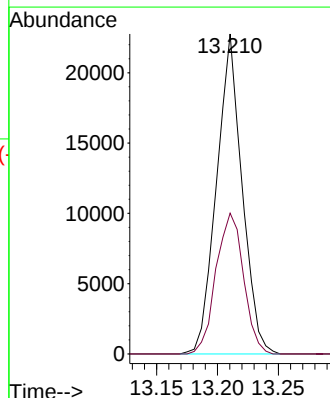
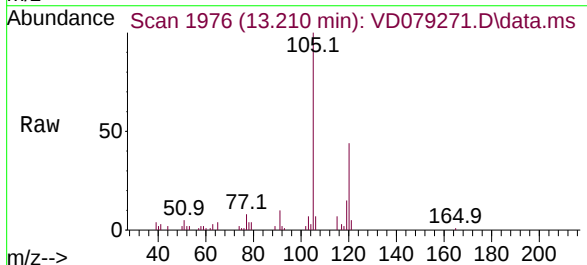
Acq: 27 Jun 2024 12:36

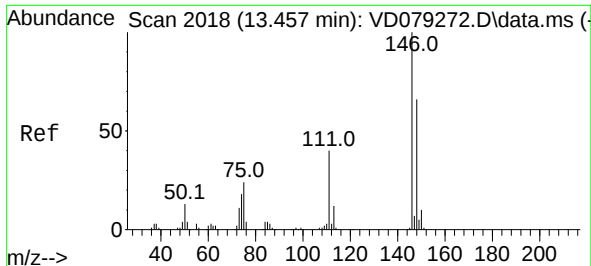
Tgt Ion:105 Resp: 33161

Ion Ratio Lower Upper

105 100

120 47.5 38.1 57.1

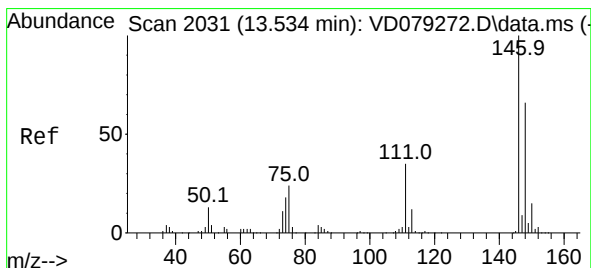
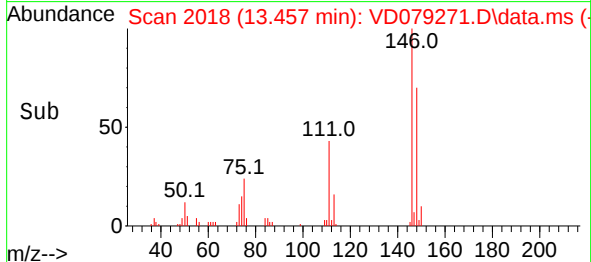
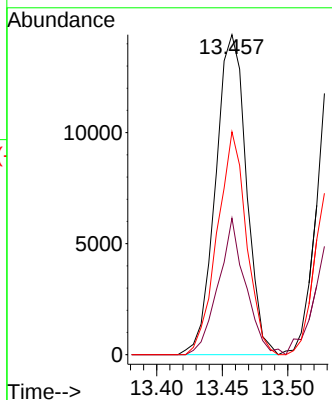
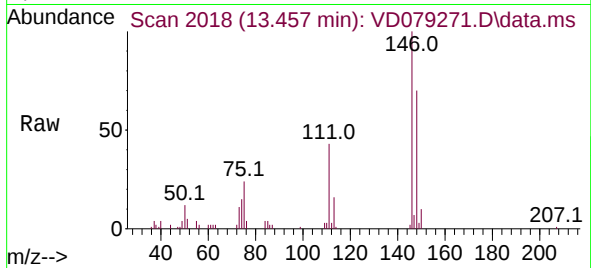




#64
1,3-Dichlorobenzene
Concen: 4.625 ug/L
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD079271.D
Acq: 27 Jun 2024 12:36

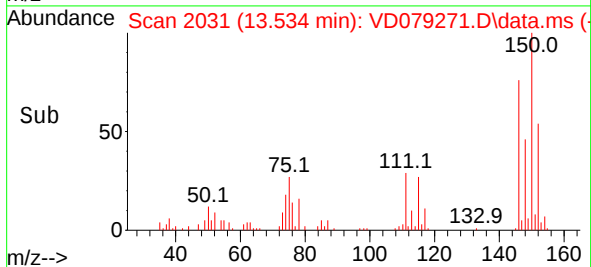
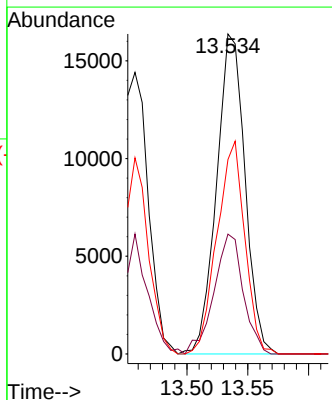
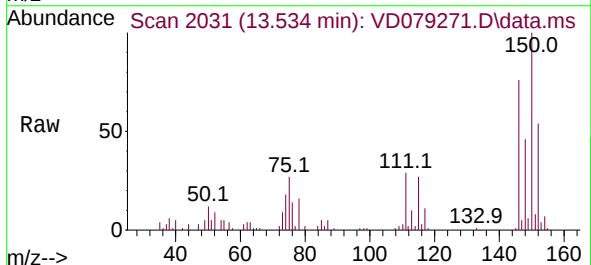
Instrument :
MSVOA_D
ClientSampleId :

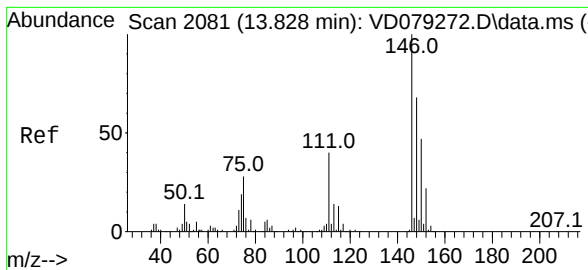
Tgt Ion:146 Resp: 23514
Ion Ratio Lower Upper
146 100
111 42.6 27.7 51.5
148 69.7 45.9 85.3



#65
1,4-Dichlorobenzene
Concen: 4.969 ug/L
RT: 13.534 min Scan# 2031
Delta R.T. 0.000 min
Lab File: VD079271.D
Acq: 27 Jun 2024 12:36

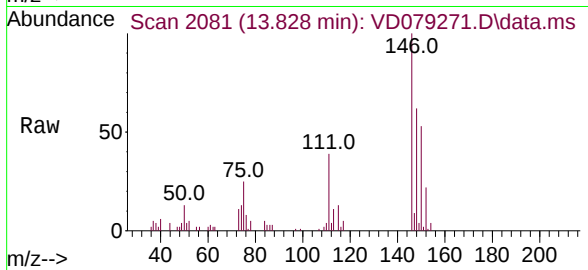
Tgt Ion:146 Resp: 26637
Ion Ratio Lower Upper
146 100
111 37.5 24.8 46.1
148 60.7 45.9 85.3



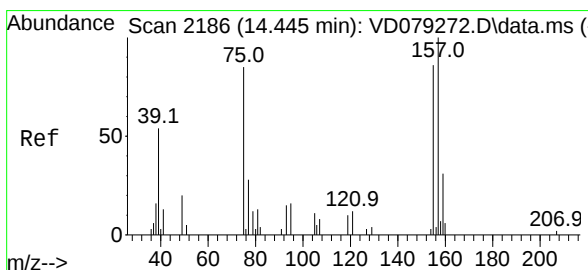
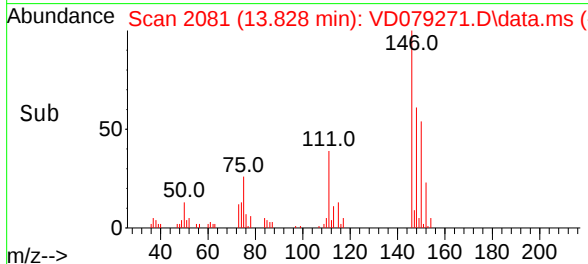
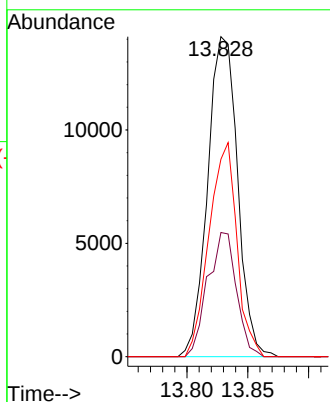


#67
1,2-Dichlorobenzene
Concen: 4.927 ug/L
RT: 13.828 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VD079271.D
Acq: 27 Jun 2024 12:36

Instrument :
MSVOA_D
ClientSampleId :

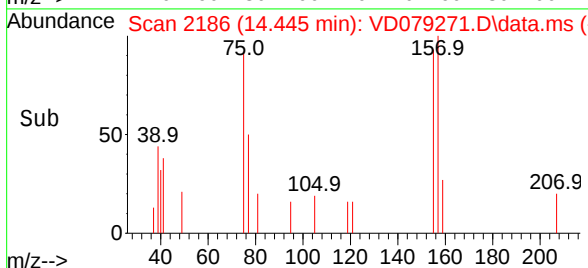
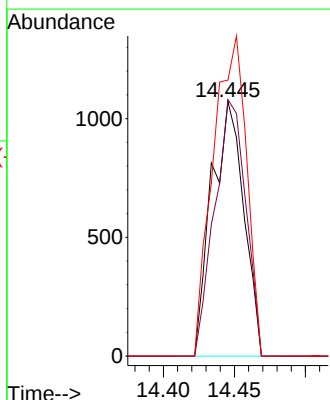
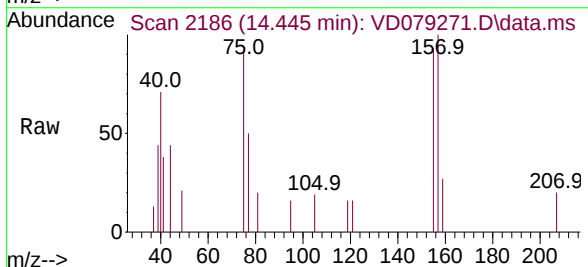


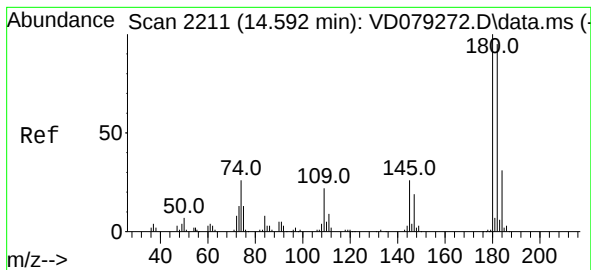
Tgt Ion:146 Resp: 24197
Ion Ratio Lower Upper
146 100
111 38.8 31.9 47.9
148 61.7 54.2 81.4



#68
1,2-Dibromo-3-chloropropane
Concen: 5.083 ug/L
RT: 14.445 min Scan# 2186
Delta R.T. 0.000 min
Lab File: VD079271.D
Acq: 27 Jun 2024 12:36

Tgt Ion: 75 Resp: 1682
Ion Ratio Lower Upper
75 100
155 100.8 80.5 120.7
157 108.5 93.6 140.4





#69

1,3,5-Trichlorobenzene

Concen: 4.749 ug/L

RT: 14.593 min Scan# 2211

Delta R.T. 0.000 min

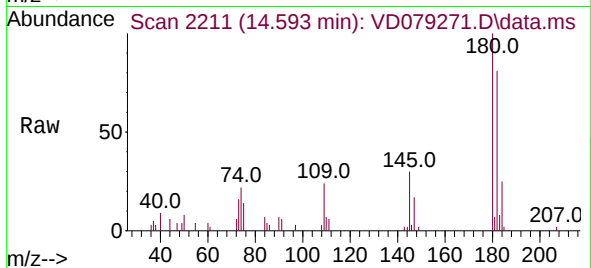
Lab File: VD079271.D

Acq: 27 Jun 2024 12:36

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:180 Resp: 15071

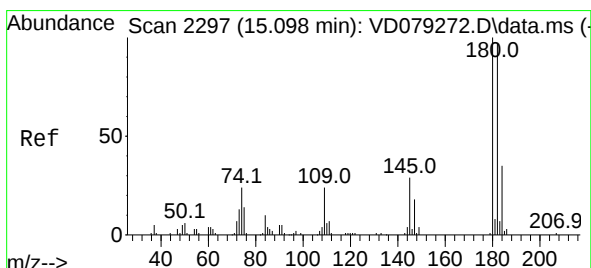
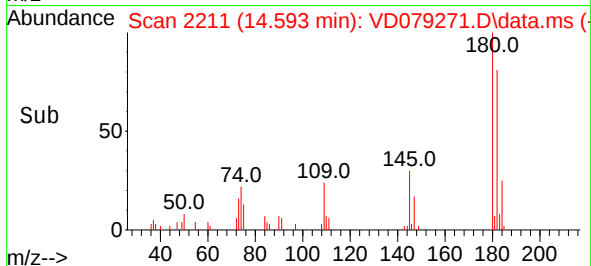
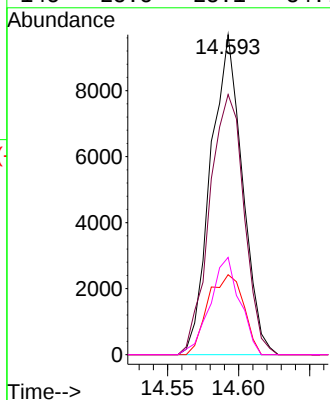
Ion Ratio Lower Upper

180 100

182 88.3 76.5 114.7

184 28.0 23.8 35.8

145 28.5 23.1 34.7



#70

1,2,4-trichlorobenzene

Concen: 4.688 ug/L

RT: 15.093 min Scan# 2296

Delta R.T. -0.006 min

Lab File: VD079271.D

Acq: 27 Jun 2024 12:36

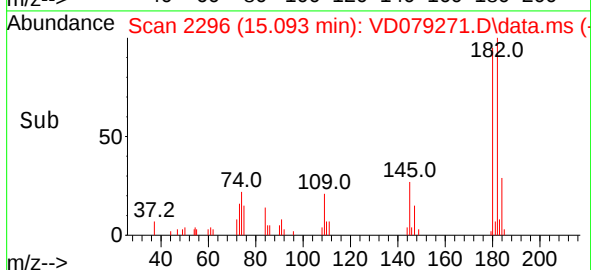
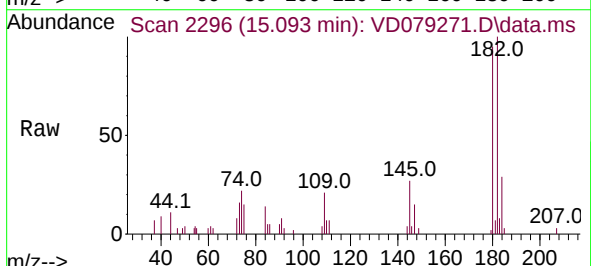
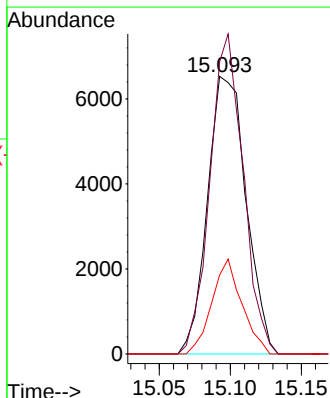
Tgt Ion:180 Resp: 12336

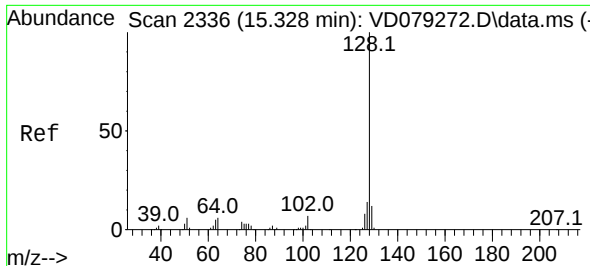
Ion Ratio Lower Upper

180 100

182 99.2 75.1 112.7

145 26.6 22.6 33.8

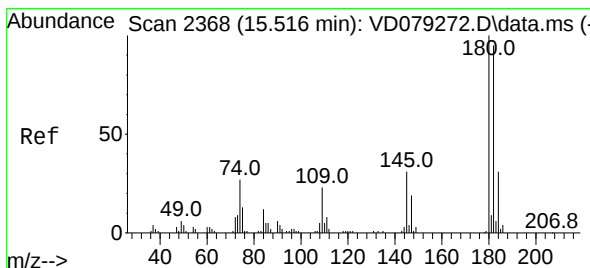
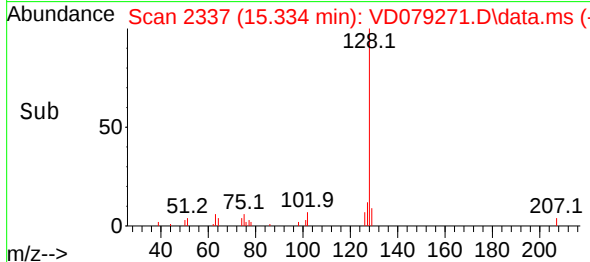
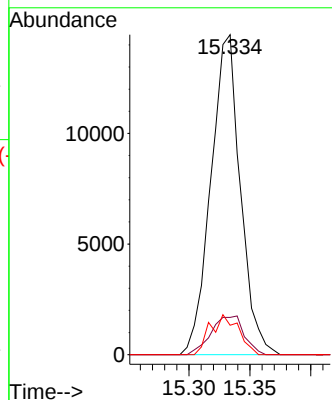
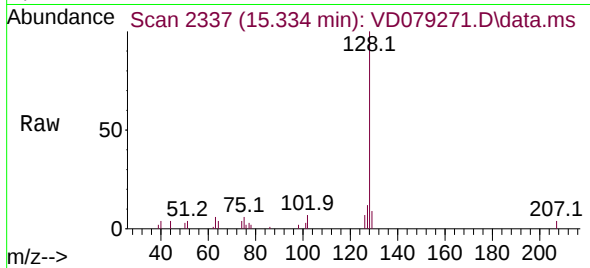




#71
Naphthalene
Concen: 4.270 ug/L
RT: 15.334 min Scan# 24387
Delta R.T. 0.006 min
Lab File: VD079271.D
Acq: 27 Jun 2024 12:36

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128	Resp:	24387
Ion Ratio	Lower	Upper
128	100	
127	13.5	10.9 16.3
129	12.0	8.9 13.3



#72
1,2,3-Trichlorobenzene
Concen: 4.484 ug/L
RT: 15.522 min Scan# 2369
Delta R.T. 0.006 min
Lab File: VD079271.D
Acq: 27 Jun 2024 12:36

Tgt Ion:180	Resp:	11217
Ion Ratio	Lower	Upper
180	100	
182	98.1	76.0 114.0
145	29.7	25.0 37.4

