

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061424\
 Data File : VD079193.D
 Acq On : 14 Jun 2024 17:23
 Operator : RP/MD
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jun 15 02:22:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM052924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Jun 15 02:21:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	213988	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	217222	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	111452	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	97984	14.880	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	59.520%
7) Chloroethane-d5	2.793	69	97299	15.281	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	61.120%
11) 1,1-Dichloroethene-d2	3.910	65	20696	17.704	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	70.800%
21) 2-Butanone-d5	6.987	46	34209	67.919	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	135.840%#
24) Chloroform-d	7.563	84	145837	24.374	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.480%
26) 1,2-Dichloroethane-d4	8.228	65	67377	24.411	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.640%
32) Benzene-d6	8.198	84	281856	23.406	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.640%
36) 1,2-Dichloropropane-d6	9.204	67	83464	24.062	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.240%
41) Toluene-d8	10.269	98	252091	22.358	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.440%
43) trans-1,3-Dichloroprop...	10.522	79	35902	24.624	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.480%
47) 2-Hexanone-d5	10.875	63	31986	71.329	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	142.660%#
56) 1,1,2,2-Tetrachloroeth...	12.651	84	92791	30.201	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	120.800%#
66) 1,2-Dichlorobenzene-d4	13.810	152	94264	24.507	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.040%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	46634	13.767	ug/L	97
3) Chloromethane	2.146	50	88670	19.640	ug/L	99
5) Vinyl chloride	2.275	62	120389	16.155	ug/L	99
6) Bromomethane	2.687	94	79130	13.755	ug/L	99
8) Chloroethane	2.828	64	85519	15.658	ug/L	98
9) Trichlorofluoromethane	3.163	101	100797	17.756	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.963	101	63766	18.733	ug/L	98
12) 1,1-Dichloroethene	3.934	96	53964	18.209	ug/L	90
13) Acetone	4.028	43	21460	29.430	ug/L	96
14) Carbon disulfide	4.263	76	174633	16.892	ug/L	100
15) Methyl Acetate	4.569	43	28087	28.270	ug/L	100
16) Methylene chloride	4.799	84	81179	21.291	ug/L	95
17) trans-1,2-Dichloroethene	5.304	96	64805	20.235	ug/L	97
18) Methyl tert-butyl Ether	5.322	73	141149	24.850	ug/L #	89
19) 1,1-Dichloroethane	6.104	63	117311	22.751	ug/L	93
20) cis-1,2-Dichloroethene	7.075	96	76948	23.074	ug/L	96
22) 2-Butanone	7.075	43	32892	42.939	ug/L	95
23) Bromochloromethane	7.428	128	38948	23.036	ug/L	94
25) Chloroform	7.593	83	131793	22.512	ug/L	99

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 Response via : Initial Calibration

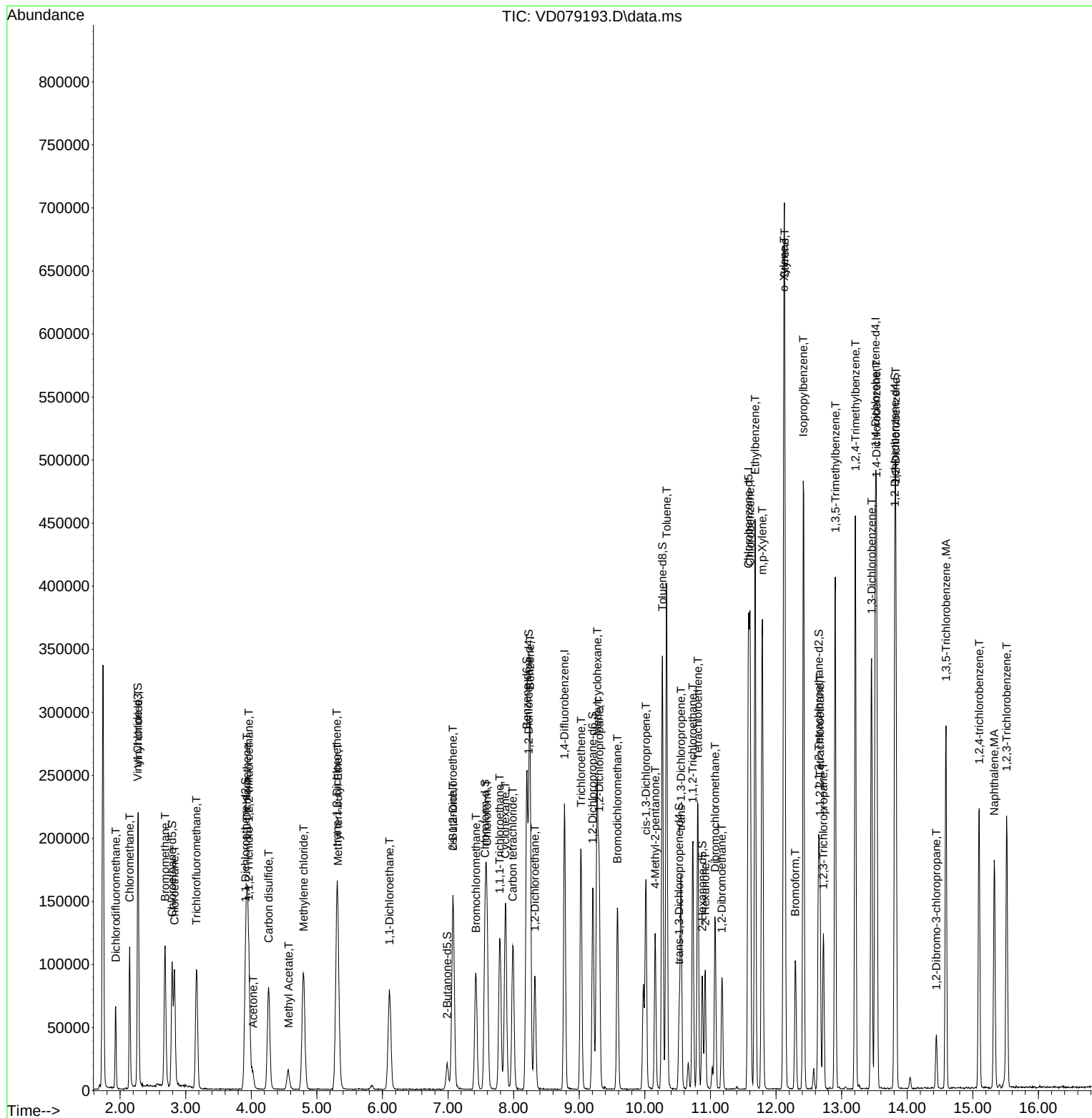
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.322	62	79158	23.293	ug/L	97
29) Cyclohexane	7.875	56	74747	19.072	ug/L	96
30) 1,1,1-Trichloroethane	7.787	97	104202	20.261	ug/L	98
31) Carbon tetrachloride	7.987	117	92528	19.361	ug/L	97
33) Benzene	8.251	78	290081	22.421	ug/L	100
34) Trichloroethene	9.028	95	68689	20.614	ug/L	98
35) Methylcyclohexane	9.275	83	102546	18.572	ug/L	98
37) 1,2-Dichloropropane	9.304	63	76272	24.068	ug/L	99
38) Bromodichloromethane	9.581	83	101293	22.993	ug/L	94
39) cis-1,3-Dichloropropene	10.016	75	112398	22.721	ug/L	98
40) 4-Methyl-2-pentanone	10.157	43	75153	56.810	ug/L	97
42) Toluene	10.334	91	321365	22.369	ug/L	99
44) trans-1,3-Dichloropropene	10.551	75	100216	23.956	ug/L	92
45) 1,1,2-Trichloroethane	10.728	97	66080	23.768	ug/L	95
46) Tetrachloroethene	10.810	164	54054	18.423	ug/L	98
48) 2-Hexanone	10.922	43	55572	48.547	ug/L #	97
49) Dibromochloromethane	11.069	129	75205	22.843	ug/L	97
50) 1,2-Dibromoethane	11.175	107	59687	23.360	ug/L #	99
51) Chlorobenzene	11.604	112	208120	21.772	ug/L	98
52) Ethylbenzene	11.681	91	325991	21.754	ug/L	96
53) m,p-Xylene	11.792	106	128810	21.909	ug/L	97
54) o-Xylene	12.122	106	126904	22.341	ug/L	99
55) Styrene	12.134	104	239810	23.810	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.669	83	79571	25.569	ug/L	89
59) Bromoform	12.292	173	48229	23.611	ug/L	97
60) Isopropylbenzene	12.416	105	325027	22.055	ug/L	99
61) 1,2,3-Trichloropropane	12.722	75	53317	27.096	ug/L	97
62) 1,3,5-Trimethylbenzene	12.904	105	224947	22.325	ug/L	98
63) 1,2,4-Trimethylbenzene	13.210	105	249736	23.173	ug/L	100
64) 1,3-Dichlorobenzene	13.457	146	156615	22.122	ug/L	99
65) 1,4-Dichlorobenzene	13.533	146	166145	22.149	ug/L	96
67) 1,2-Dichlorobenzene	13.828	146	150762	23.036	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.445	75	10731	26.529	ug/L	91
69) 1,3,5-Trichlorobenzene	14.592	180	92269	20.665	ug/L	99
70) 1,2,4-trichlorobenzene	15.098	180	76614	20.660	ug/L	95
71) Naphthalene	15.327	128	167169	24.104	ug/L	99
72) 1,2,3-Trichlorobenzene	15.516	180	76570	23.890	ug/L	96

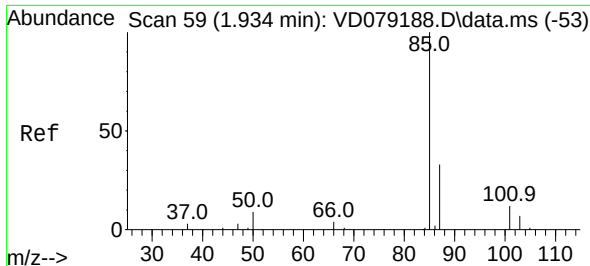
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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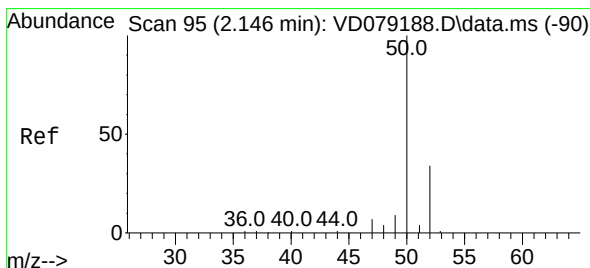
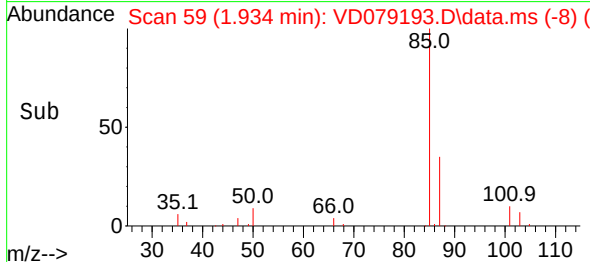
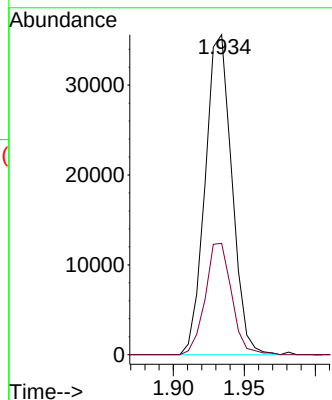
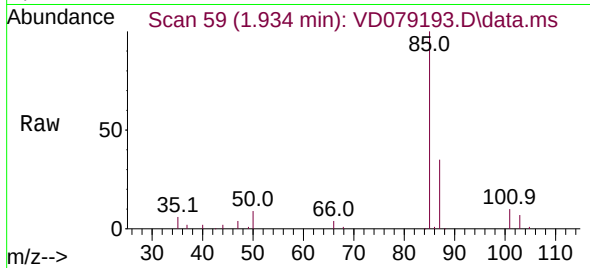




#2
Dichlorodifluoromethane
Concen: 13.767 ug/L
RT: 1.934 min Scan# 59
Delta R.T. -0.000 min
Lab File: VD079193.D
Acq: 14 Jun 2024 17:23

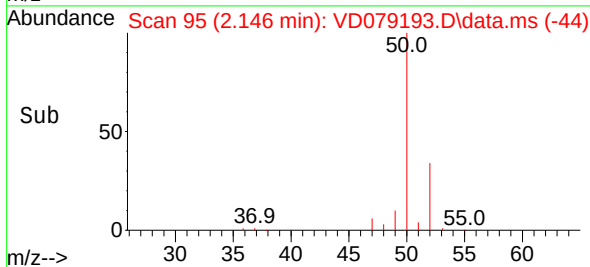
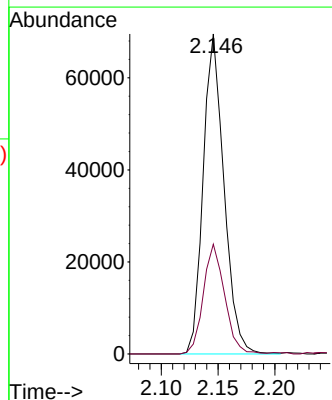
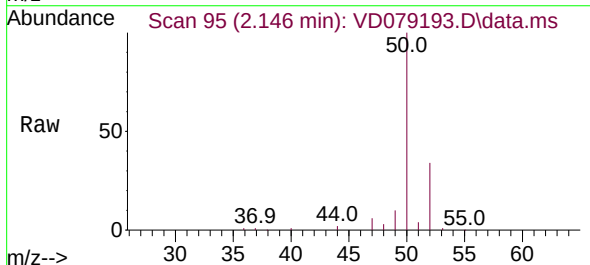
Instrument :
MSVOA_D
ClientSampleId :

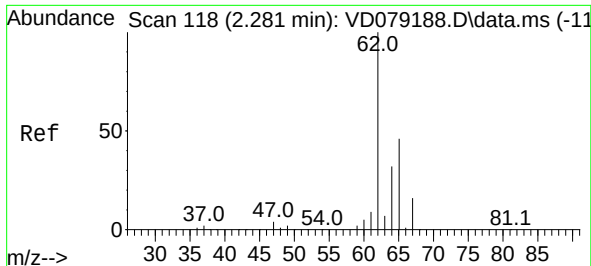
Tgt Ion: 85 Resp: 46634
Ion Ratio Lower Upper
85 100
87 34.4 26.2 39.4



#3
Chloromethane
Concen: 19.640 ug/L
RT: 2.146 min Scan# 95
Delta R.T. -0.000 min
Lab File: VD079193.D
Acq: 14 Jun 2024 17:23

Tgt Ion: 50 Resp: 88670
Ion Ratio Lower Upper
50 100
52 34.3 24.4 45.2

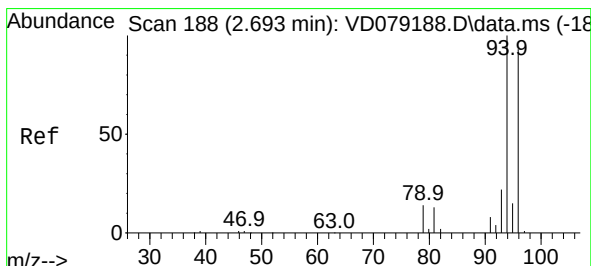
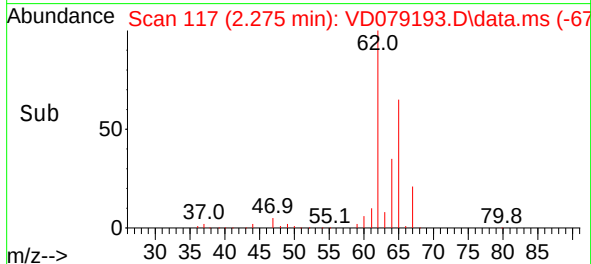
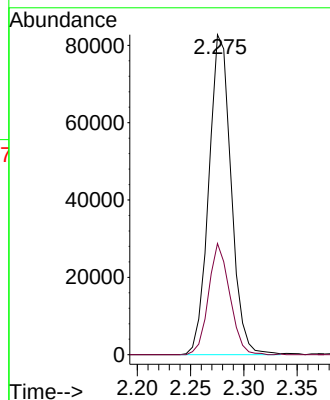
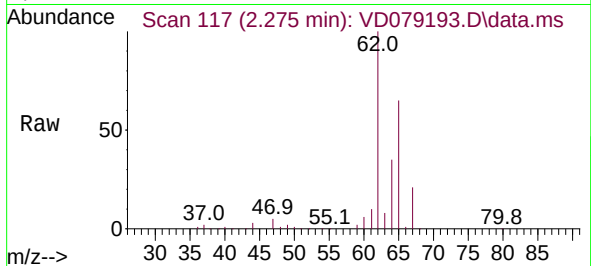




#5
 Vinyl chloride
 Concen: 16.155 ug/L
 RT: 2.275 min Scan# 118
 Delta R.T. -0.006 min
 Lab File: VD079193.D
 Acq: 14 Jun 2024 17:23

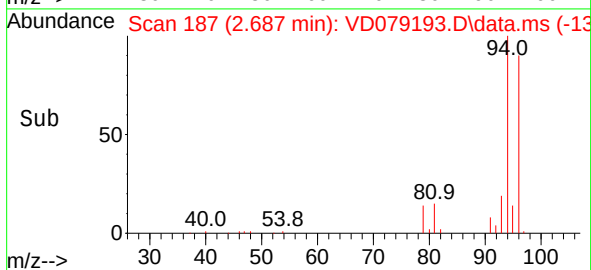
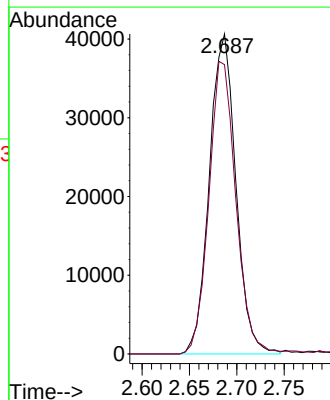
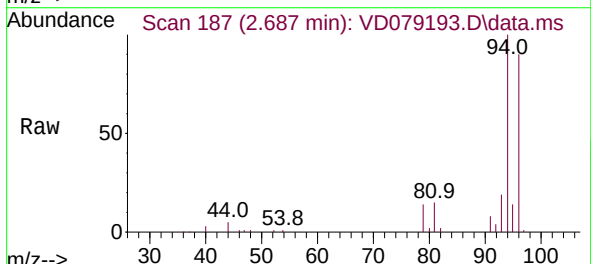
Instrument :
 MSVOA_D
 ClientSampleId :

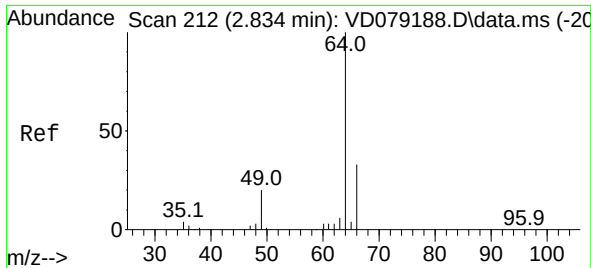
Tgt Ion: 62 Resp: 120389
 Ion Ratio Lower Upper
 62 100
 64 34.7 24.8 46.1



#6
 Bromomethane
 Concen: 13.755 ug/L
 RT: 2.687 min Scan# 187
 Delta R.T. -0.006 min
 Lab File: VD079193.D
 Acq: 14 Jun 2024 17:23

Tgt Ion: 94 Resp: 79130
 Ion Ratio Lower Upper
 94 100
 96 90.4 63.6 118.2

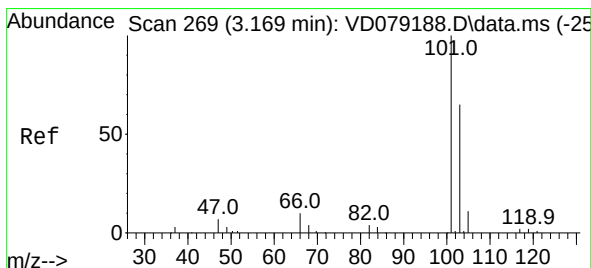
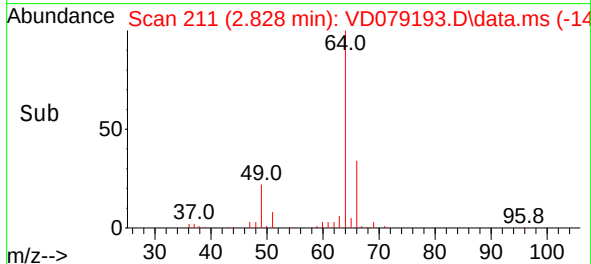
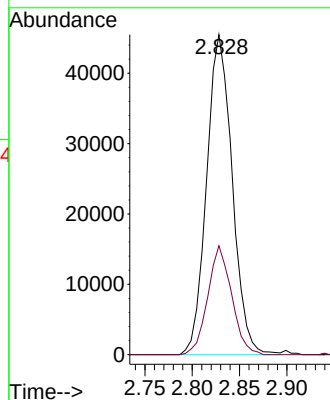
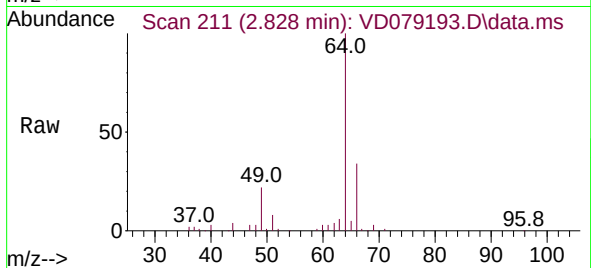




#8
Chloroethane
Concen: 15.658 ug/L
RT: 2.828 min Scan# 211
Delta R.T. -0.006 min
Lab File: VD079193.D
Acq: 14 Jun 2024 17:23

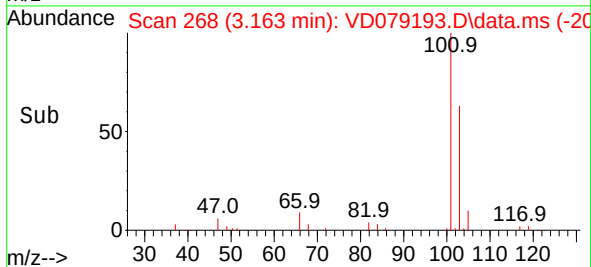
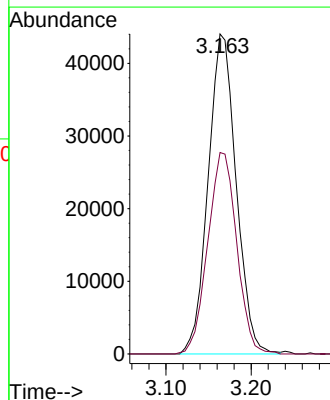
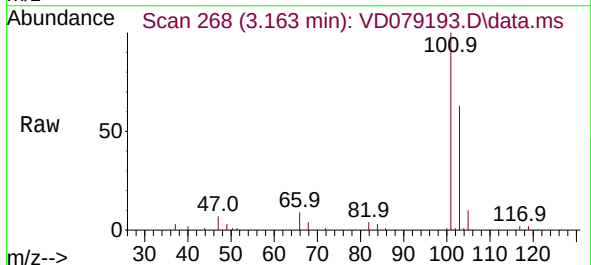
Instrument :
MSVOA_D
ClientSampleId :

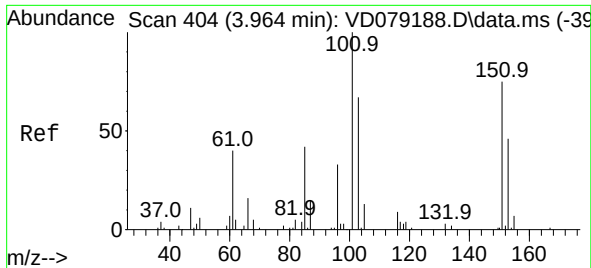
Tgt Ion: 64 Resp: 85519
Ion Ratio Lower Upper
64 100
66 34.1 24.8 46.1



#9
Trichlorofluoromethane
Concen: 17.756 ug/L
RT: 3.163 min Scan# 268
Delta R.T. -0.006 min
Lab File: VD079193.D
Acq: 14 Jun 2024 17:23

Tgt Ion:101 Resp: 100797
Ion Ratio Lower Upper
101 100
103 65.0 52.6 79.0





#10

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

Concen: 18.733 ug/L

RT: 3.963 min Scan# 404

Delta R.T. -0.000 min

Lab File: VD079193.D

Acq: 14 Jun 2024 17:23

Instrument :

MSVOA_D

ClientSampleId :

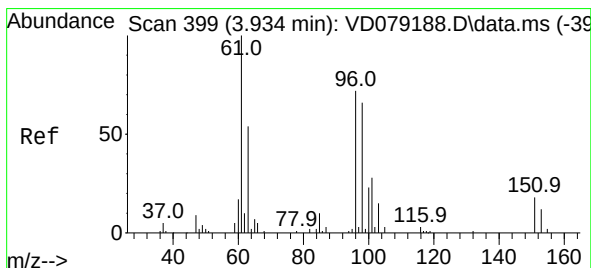
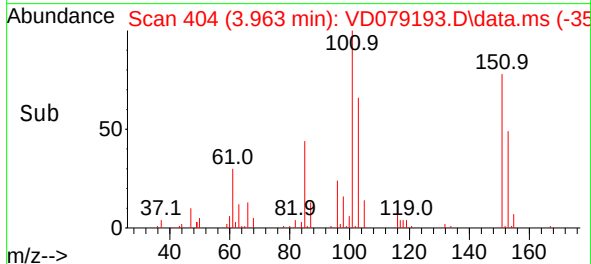
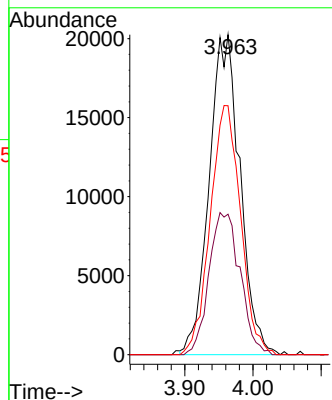
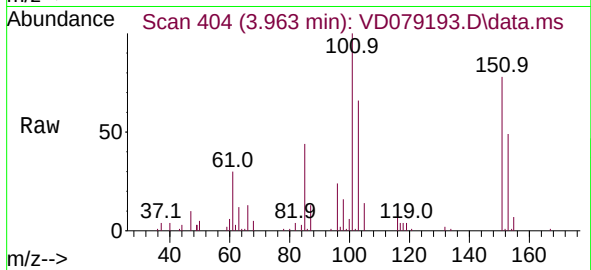
Tgt Ion:101 Resp: 63766

Ion Ratio Lower Upper

101 100

85 44.7 35.4 53.0

151 76.4 59.1 88.7



#12

1,1-Dichloroethene

Concen: 18.209 ug/L

RT: 3.934 min Scan# 399

Delta R.T. -0.000 min

Lab File: VD079193.D

Acq: 14 Jun 2024 17:23

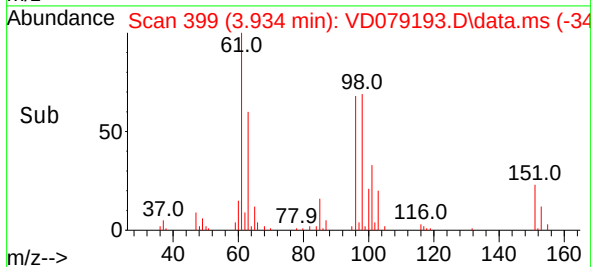
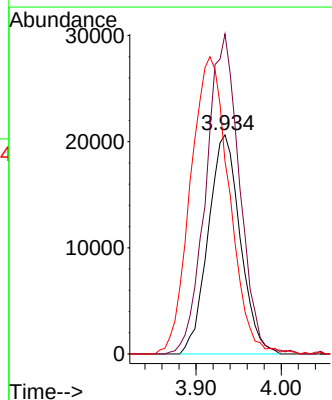
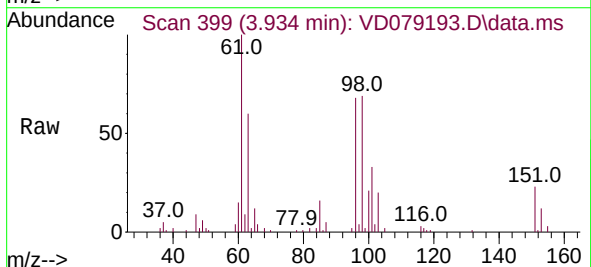
Tgt Ion: 96 Resp: 53964

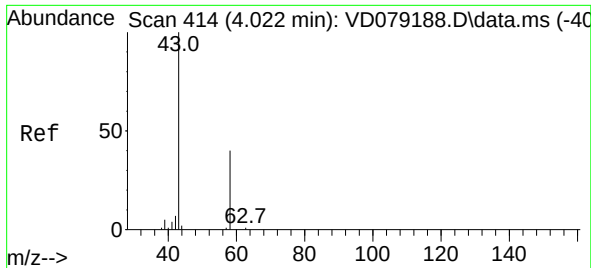
Ion Ratio Lower Upper

96 100

61 146.1 93.9 174.3

63 87.9 67.7 125.7





#13

Acetone

Concen: 29.430 ug/L

RT: 4.028 min Scan# 41

Delta R.T. 0.006 min

Lab File: VD079193.D

Acq: 14 Jun 2024 17:23

Instrument :

MSVOA_D

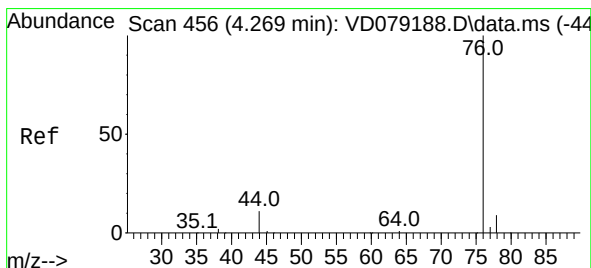
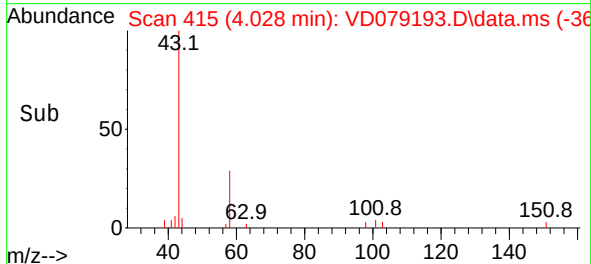
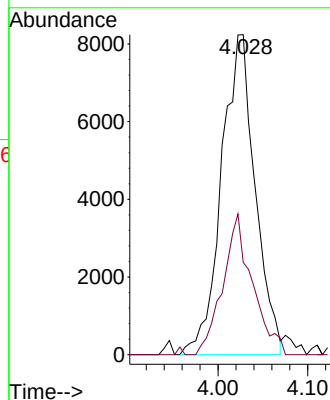
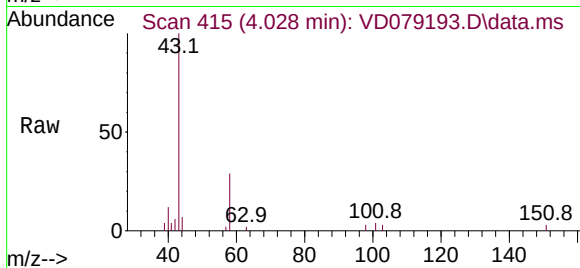
ClientSampleId :

Tgt Ion: 43 Resp: 21460

Ion Ratio Lower Upper

43 100

58 36.9 0.0 78.2



#14

Carbon disulfide

Concen: 16.892 ug/L

RT: 4.263 min Scan# 455

Delta R.T. -0.006 min

Lab File: VD079193.D

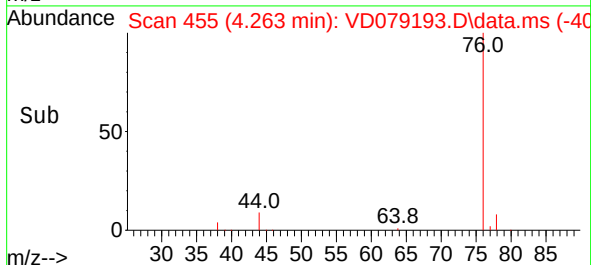
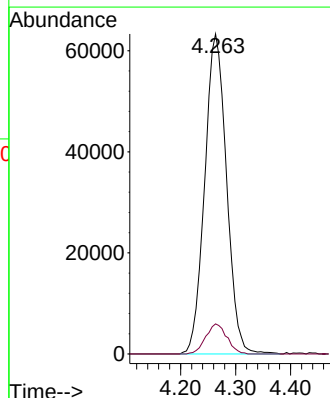
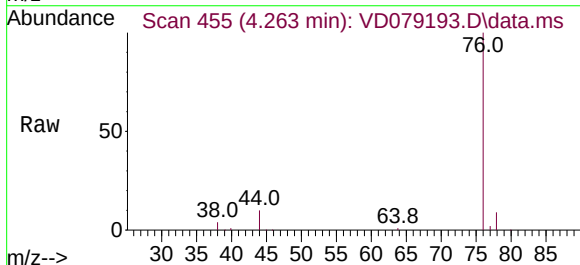
Acq: 14 Jun 2024 17:23

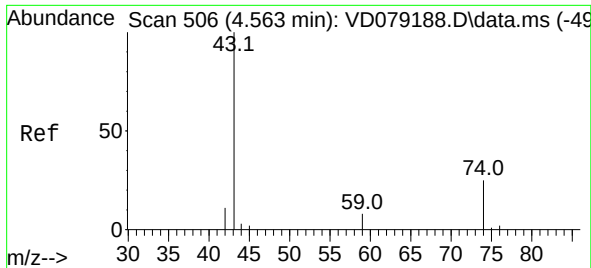
Tgt Ion: 76 Resp: 174633

Ion Ratio Lower Upper

76 100

78 9.4 7.5 11.3

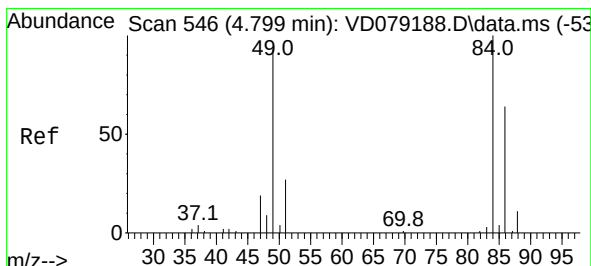
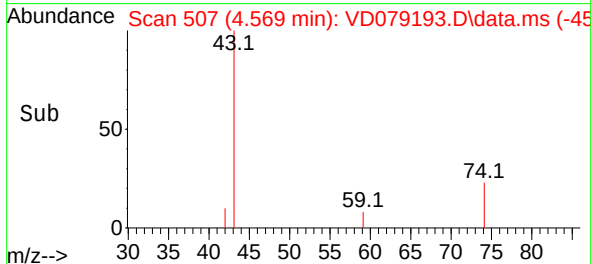
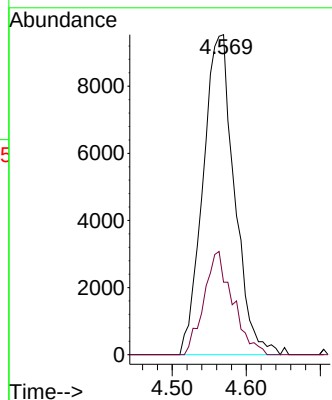
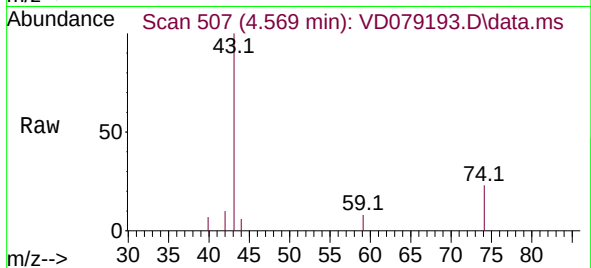




#15
Methyl Acetate
Concen: 28.270 ug/L
RT: 4.569 min Scan# 506
Delta R.T. 0.006 min
Lab File: VD079193.D
Acq: 14 Jun 2024 17:23

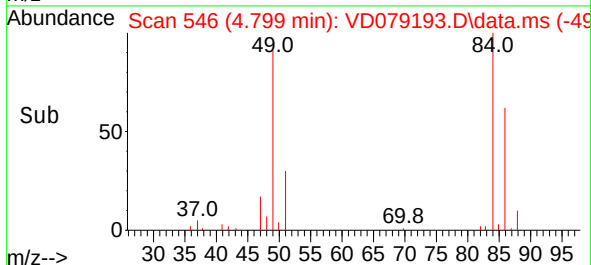
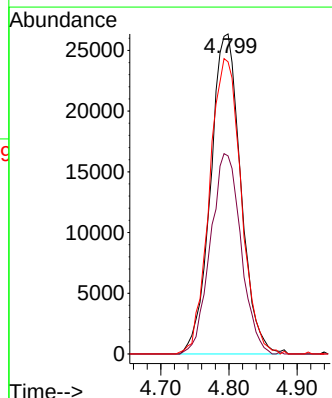
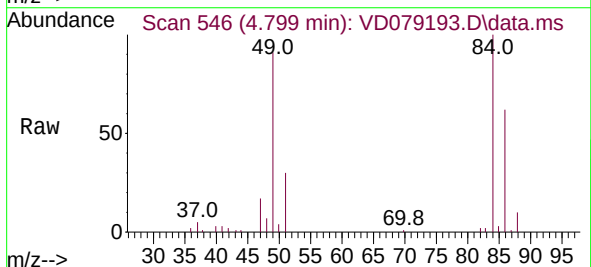
Instrument :
MSVOA_D
ClientSampleId :

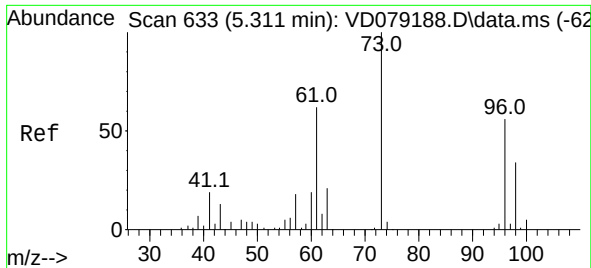
Tgt Ion: 43 Resp: 28087
Ion Ratio Lower Upper
43 100
74 29.6 23.8 35.6



#16
Methylene chloride
Concen: 21.291 ug/L
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD079193.D
Acq: 14 Jun 2024 17:23

Tgt Ion: 84 Resp: 81179
Ion Ratio Lower Upper
84 100
86 61.9 40.9 76.0
49 91.3 67.5 125.3





#17

trans-1,2-Dichloroethene

Concen: 20.235 ug/L

RT: 5.304 min Scan# 61

Delta R.T. -0.006 min

Lab File: VD079193.D

Acq: 14 Jun 2024 17:23

Instrument :

MSVOA_D

ClientSampleId :

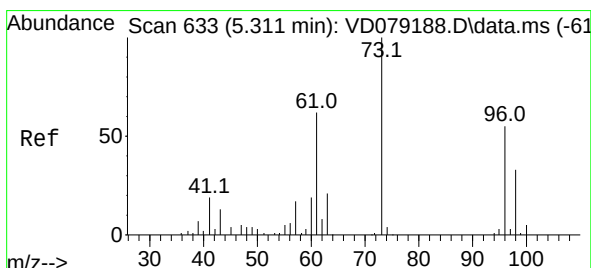
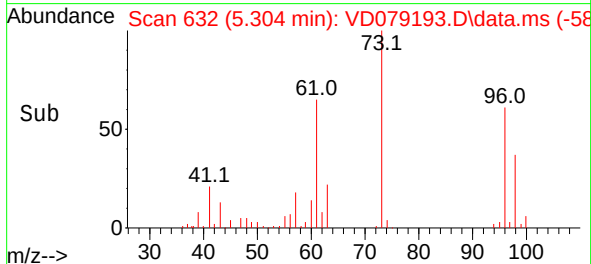
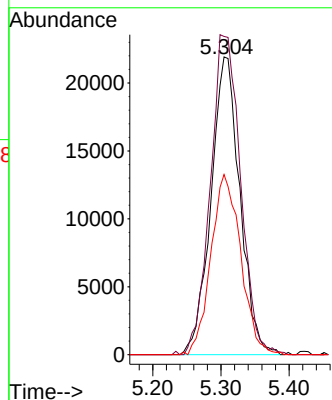
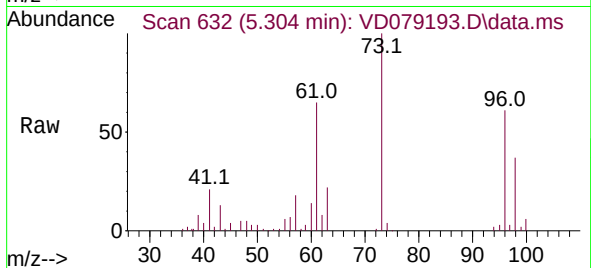
Tgt Ion: 96 Resp: 64805

Ion Ratio Lower Upper

96 100

61 106.9 71.9 133.5

98 60.5 42.6 79.2



#18

Methyl tert-butyl Ether

Concen: 24.850 ug/L

RT: 5.322 min Scan# 635

Delta R.T. 0.012 min

Lab File: VD079193.D

Acq: 14 Jun 2024 17:23

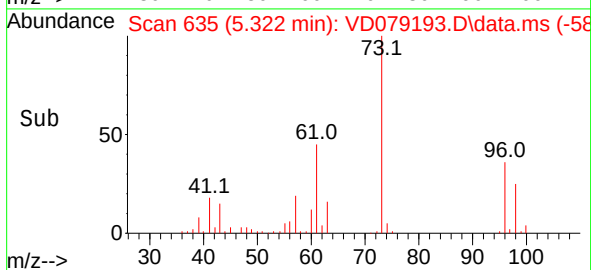
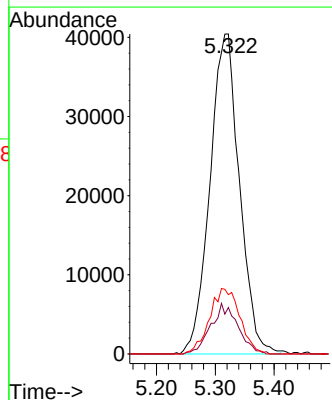
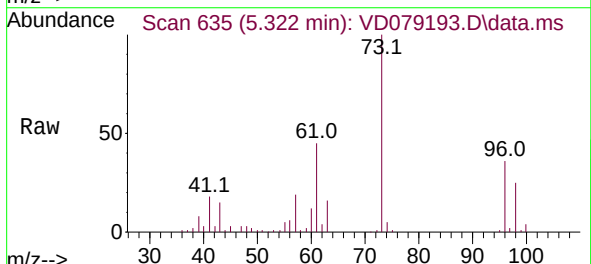
Tgt Ion: 73 Resp: 141149

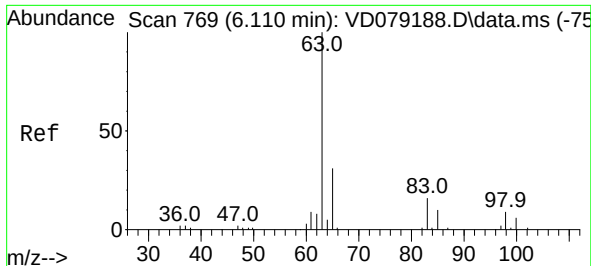
Ion Ratio Lower Upper

73 100

43 14.4 12.0 18.0

57 20.9 9.6 14.4#





#19

1,1-Dichloroethane

Concen: 22.751 ug/L

RT: 6.104 min Scan# 7

Delta R.T. -0.006 min MSVOA_D

Lab File: VD079193.D

Acq: 14 Jun 2024 17:23

Instrument :

MSVOA_D

ClientSampleId :

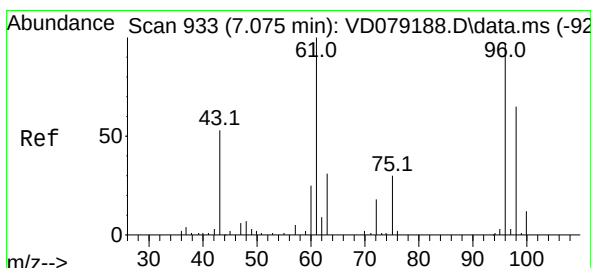
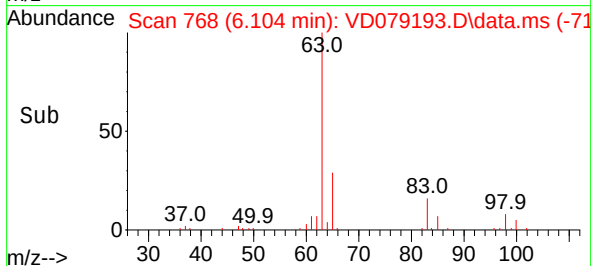
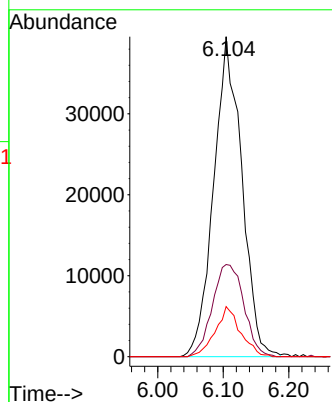
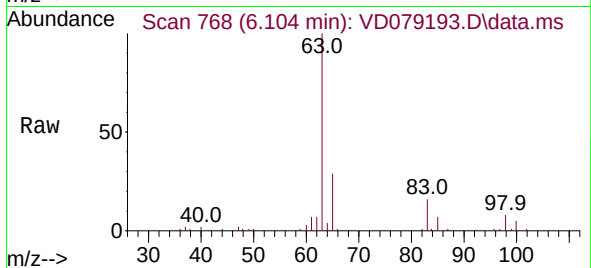
Tgt Ion: 63 Resp: 117311

Ion Ratio Lower Upper

63 100

65 28.8 22.8 42.4

83 15.7 8.6 16.0



#20

cis-1,2-Dichloroethene

Concen: 23.074 ug/L

RT: 7.075 min Scan# 933

Delta R.T. -0.000 min

Lab File: VD079193.D

Acq: 14 Jun 2024 17:23

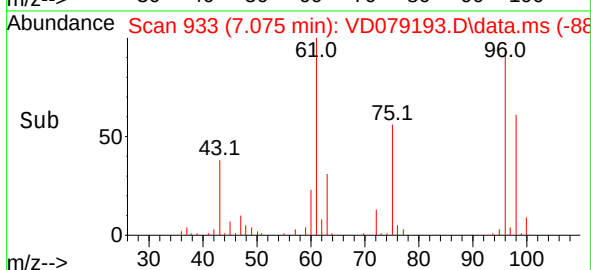
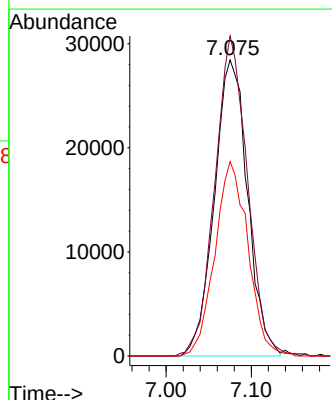
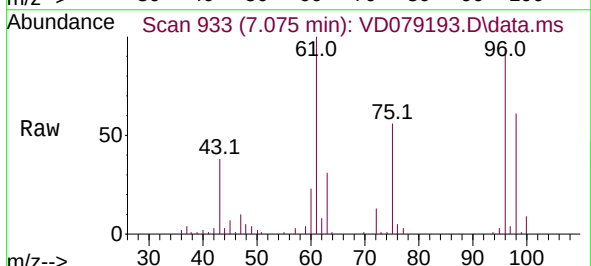
Tgt Ion: 96 Resp: 76948

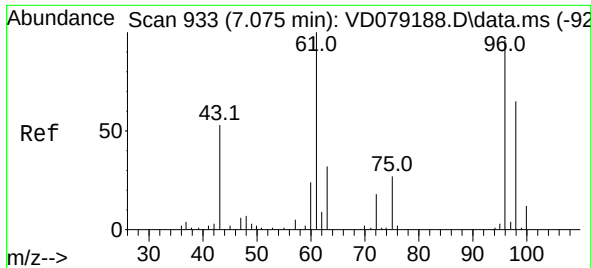
Ion Ratio Lower Upper

96 100

61 108.1 72.6 134.8

98 65.7 43.8 81.3

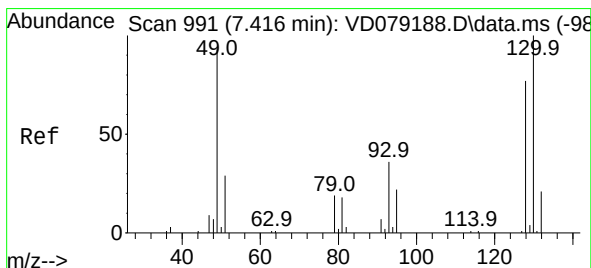
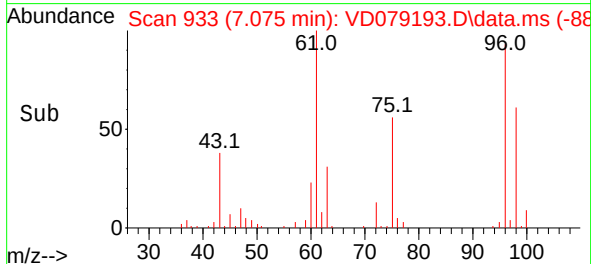
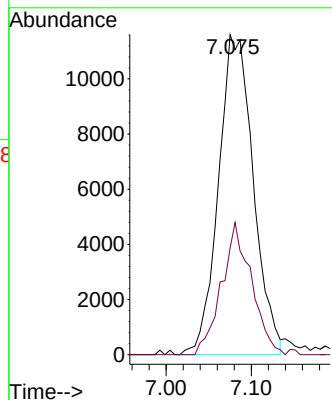
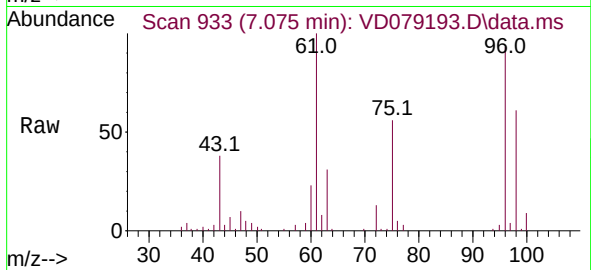




#22
2-Butanone
Concen: 42.939 ug/L
RT: 7.075 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD079193.D
Acq: 14 Jun 2024 17:23

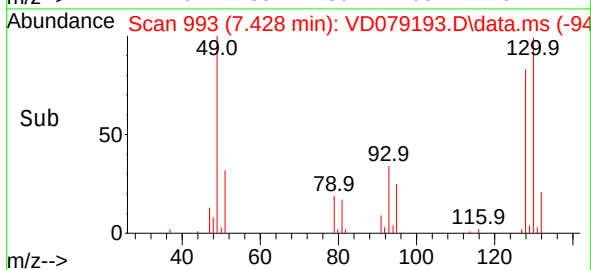
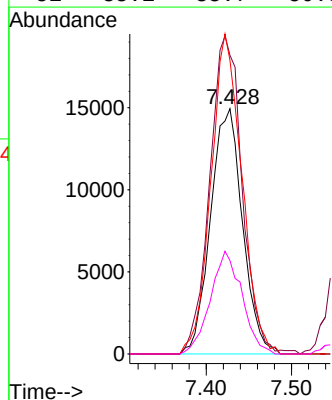
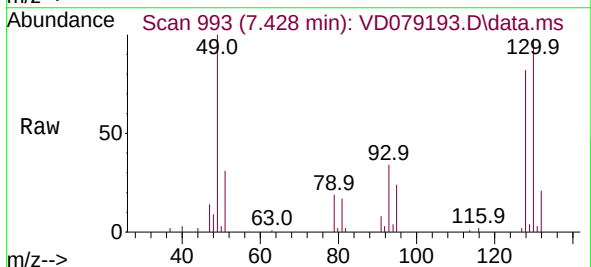
Instrument :
MSVOA_D
ClientSampleId :

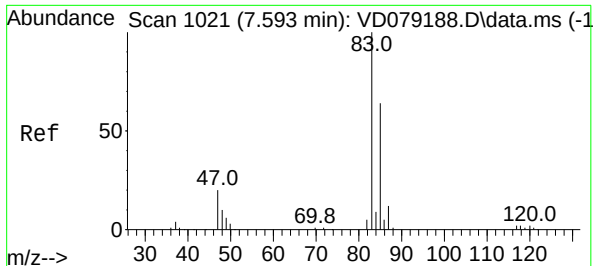
Tgt Ion: 43 Resp: 32892
Ion Ratio Lower Upper
43 100
72 35.5 19.3 57.8



#23
Bromochloromethane
Concen: 23.036 ug/L
RT: 7.428 min Scan# 993
Delta R.T. 0.012 min
Lab File: VD079193.D
Acq: 14 Jun 2024 17:23

Tgt Ion:128 Resp: 38948
Ion Ratio Lower Upper
128 100
49 121.8 81.8 151.8
130 119.7 90.4 167.8
51 38.1 33.7 50.5





#25

Chloroform

Concen: 22.512 ug/L

RT: 7.593 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD079193.D

Acq: 14 Jun 2024 17:23

Instrument :

MSVOA_D

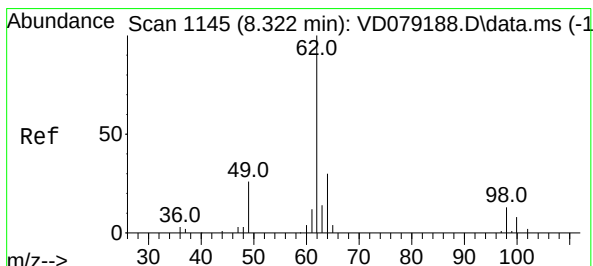
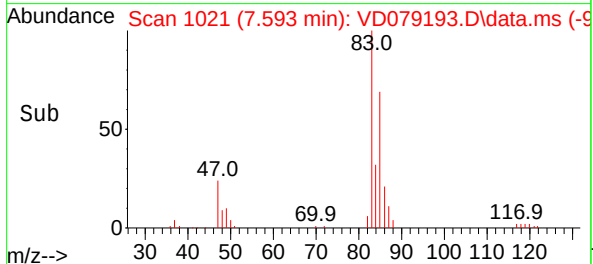
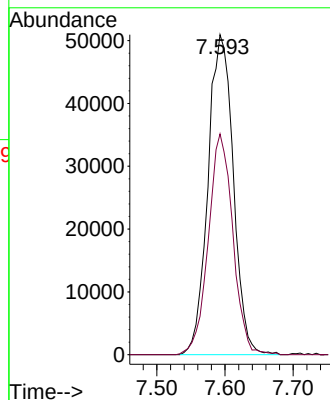
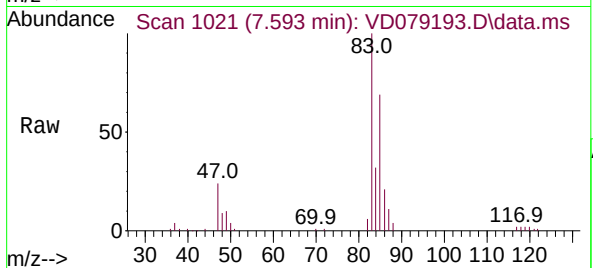
ClientSampleId :

Tgt Ion: 83 Resp: 131793

Ion Ratio Lower Upper

83 100

85 69.0 47.9 89.1



#27

1,2-Dichloroethane

Concen: 23.293 ug/L

RT: 8.322 min Scan# 1145

Delta R.T. -0.000 min

Lab File: VD079193.D

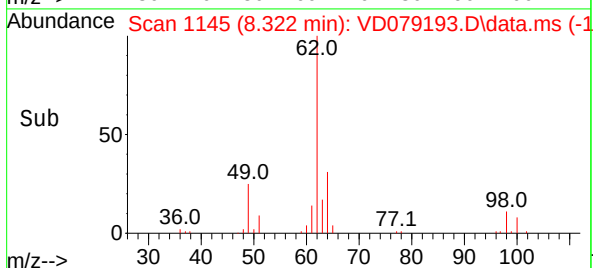
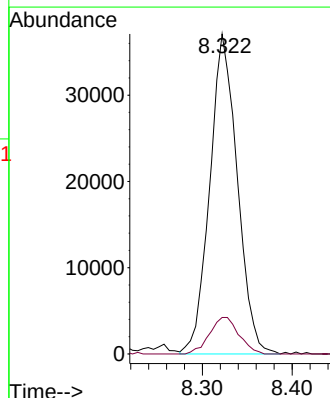
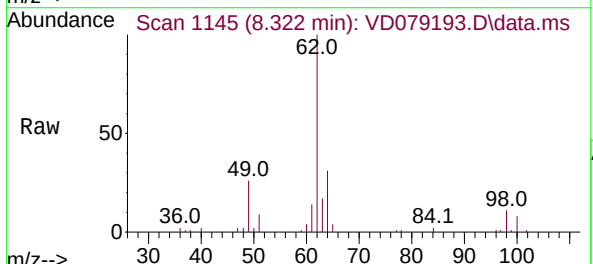
Acq: 14 Jun 2024 17:23

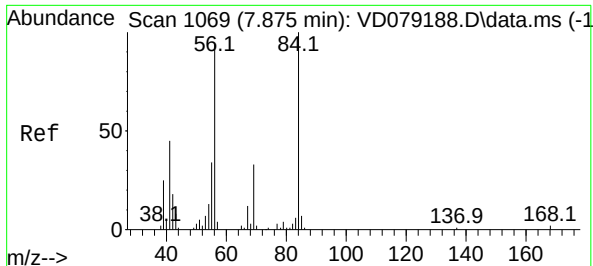
Tgt Ion: 62 Resp: 79158

Ion Ratio Lower Upper

62 100

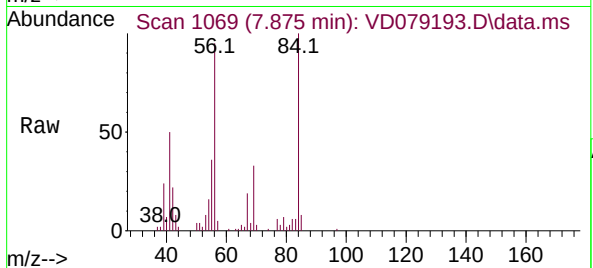
98 11.4 8.2 12.4



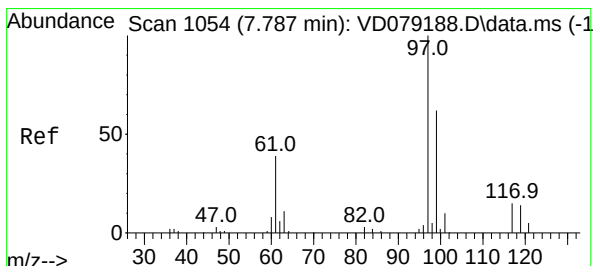
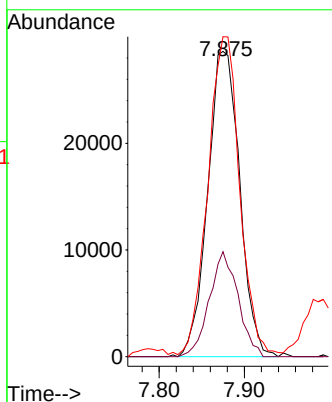
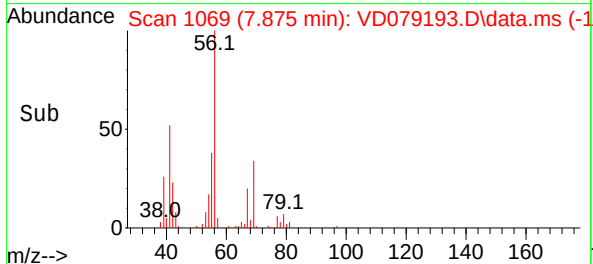


#29
Cyclohexane
Concen: 19.072 ug/L
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD079193.D
Acq: 14 Jun 2024 17:23

Instrument :
MSVOA_D
ClientSampleId :

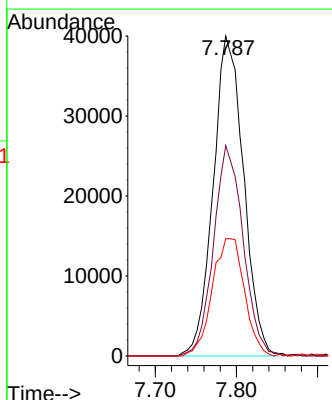
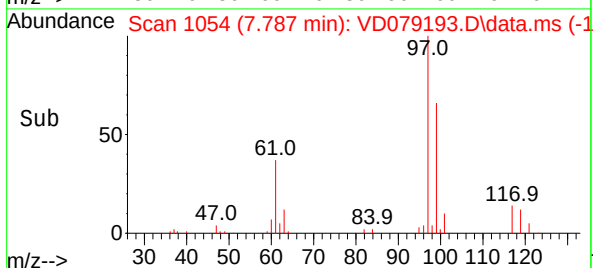
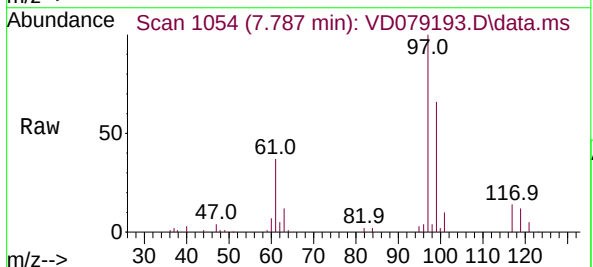


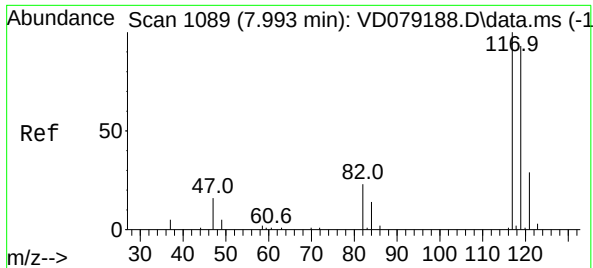
Tgt Ion: 56	Resp: 74747
Ion Ratio	Lower Upper
56	100
69	30.8 26.6 40.0
84	104.7 87.5 131.3



#30
1,1,1-Trichloroethane
Concen: 20.261 ug/L
RT: 7.787 min Scan# 1054
Delta R.T. -0.000 min
Lab File: VD079193.D
Acq: 14 Jun 2024 17:23

Tgt Ion: 97	Resp: 104202
Ion Ratio	Lower Upper
97	100
99	63.9 52.3 78.5
61	38.7 31.7 47.5

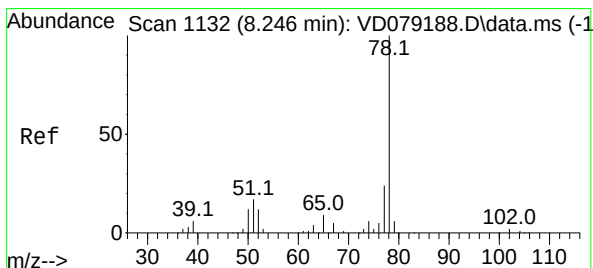
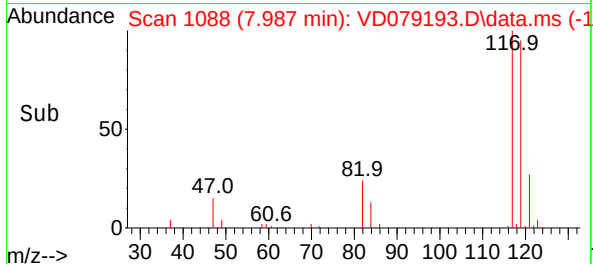
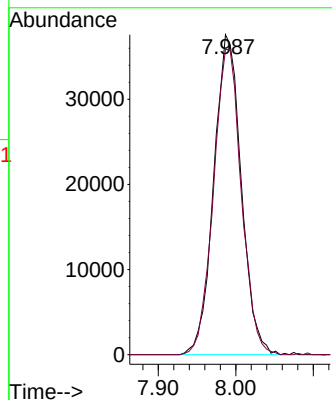
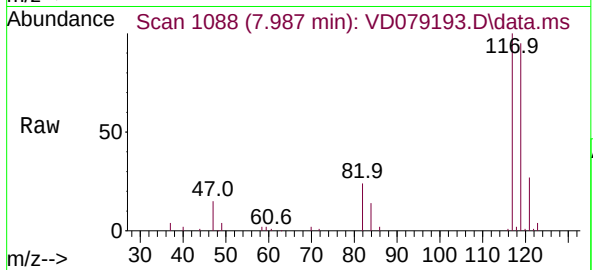




#31
Carbon tetrachloride
Concen: 19.361 ug/L
RT: 7.987 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD079193.D
Acq: 14 Jun 2024 17:23

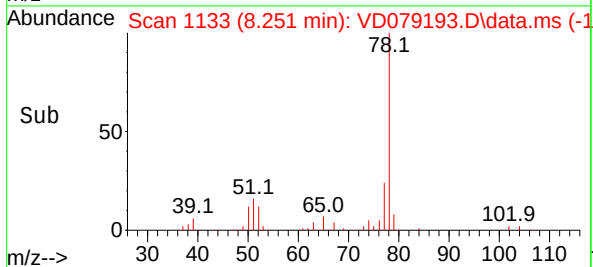
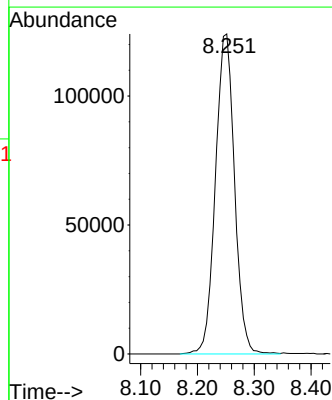
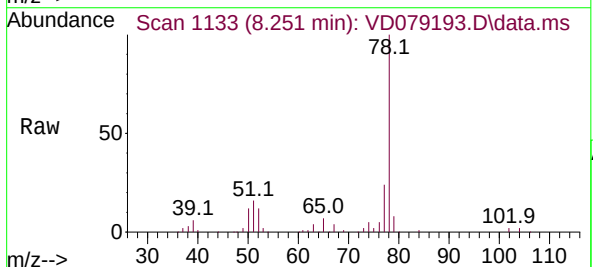
Instrument :
MSVOA_D
ClientSampleId :

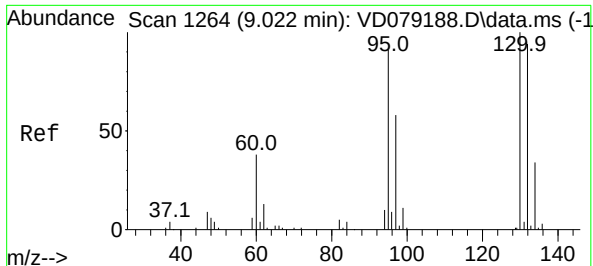
Tgt Ion:117 Resp: 92528
Ion Ratio Lower Upper
117 100
119 97.0 79.6 119.4



#33
Benzene
Concen: 22.421 ug/L
RT: 8.251 min Scan# 1133
Delta R.T. 0.006 min
Lab File: VD079193.D
Acq: 14 Jun 2024 17:23

Tgt Ion: 78 Resp: 290081

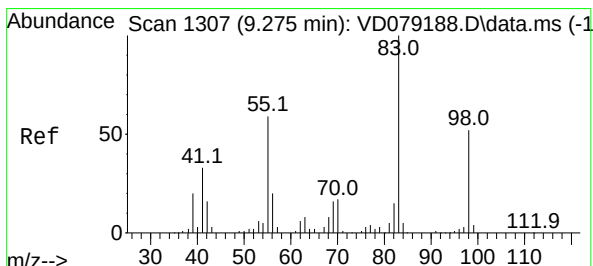
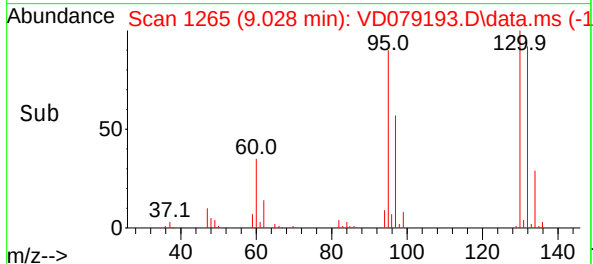
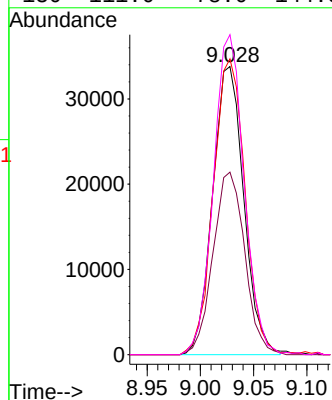
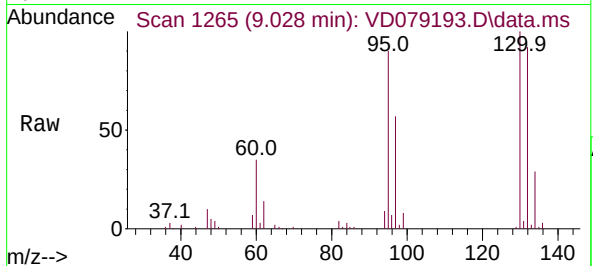




#34
Trichloroethene
Concen: 20.614 ug/L
RT: 9.028 min Scan# 1265
Delta R.T. 0.006 min
Lab File: VD079193.D
Acq: 14 Jun 2024 17:23

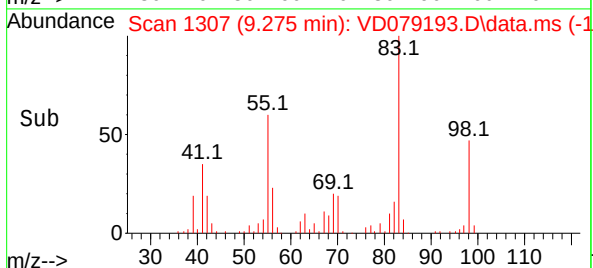
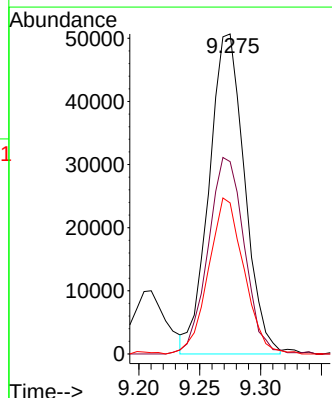
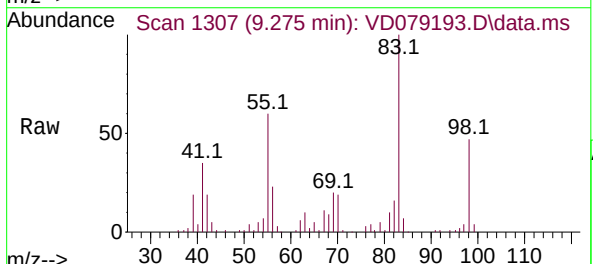
Instrument :
MSVOA_D
ClientSampleId :

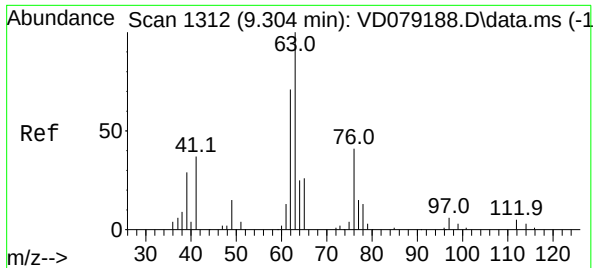
Tgt Ion: 95 Resp: 68689
Ion Ratio Lower Upper
95 100
97 63.3 44.6 82.8
132 102.7 74.9 139.1
130 111.0 78.0 144.8



#35
Methylcyclohexane
Concen: 18.572 ug/L
RT: 9.275 min Scan# 1307
Delta R.T. -0.000 min
Lab File: VD079193.D
Acq: 14 Jun 2024 17:23

Tgt Ion: 83 Resp: 102546
Ion Ratio Lower Upper
83 100
55 62.6 48.6 72.8
98 48.9 40.2 60.2

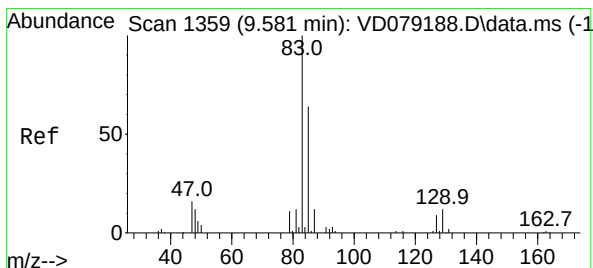
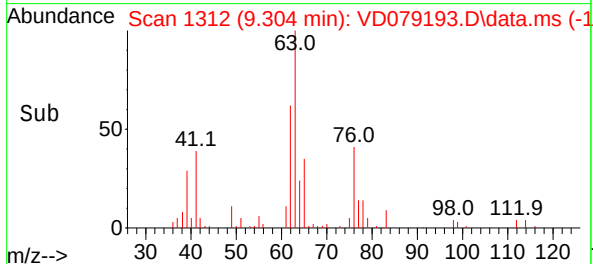
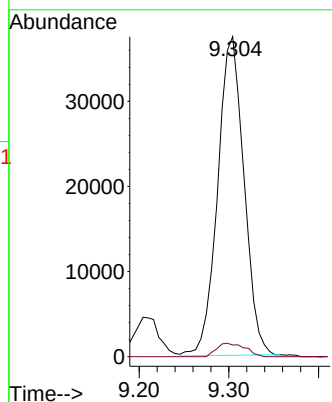
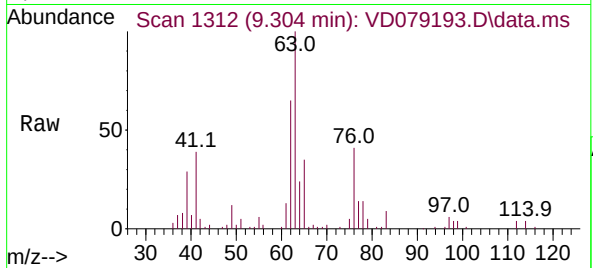




#37
1,2-Dichloropropane
Concen: 24.068 ug/L
RT: 9.304 min Scan# 1312
Delta R.T. -0.000 min
Lab File: VD079193.D
Acq: 14 Jun 2024 17:23

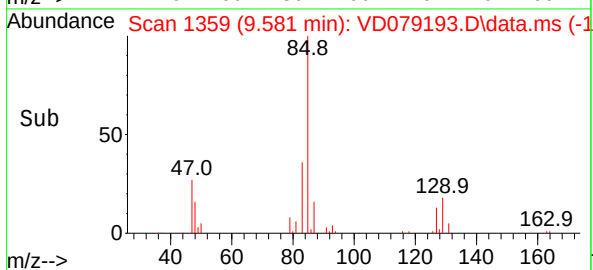
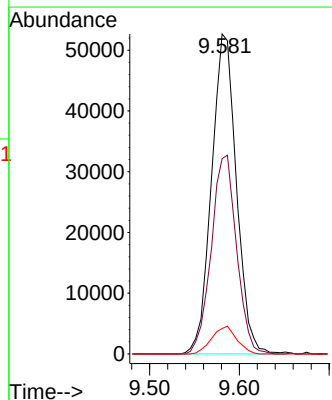
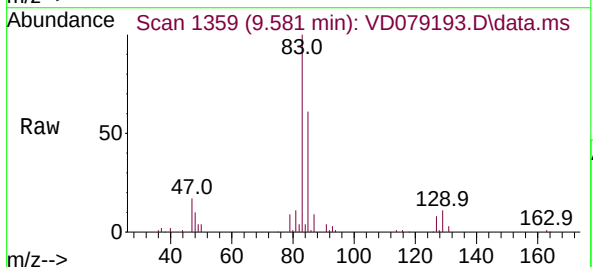
Instrument :
MSVOA_D
ClientSampleId :

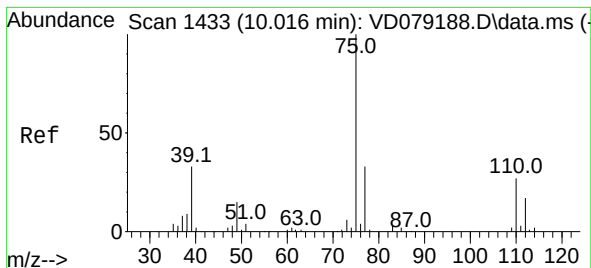
Tgt Ion: 63 Resp: 76272
Ion Ratio Lower Upper
63 100
112 4.6 3.9 5.9



#38
Bromodichloromethane
Concen: 22.993 ug/L
RT: 9.581 min Scan# 1359
Delta R.T. -0.000 min
Lab File: VD079193.D
Acq: 14 Jun 2024 17:23

Tgt Ion: 83 Resp: 101293
Ion Ratio Lower Upper
83 100
85 61.1 46.5 86.5
127 7.9 7.0 10.6

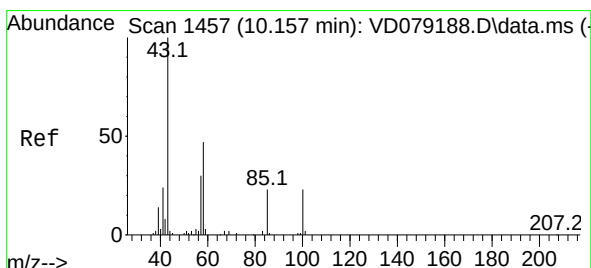
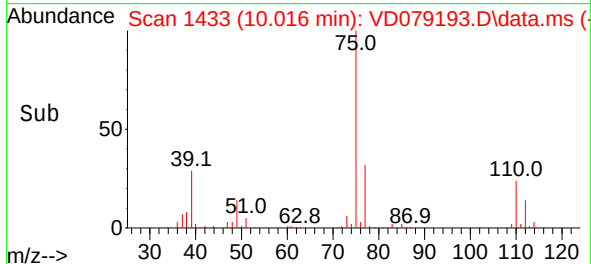
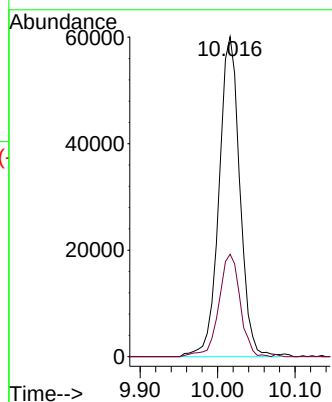
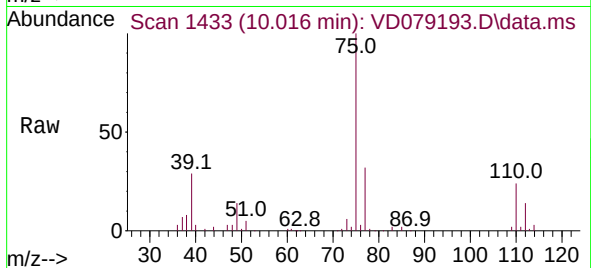




#39
 cis-1,3-Dichloropropene
 Concen: 22.721 ug/L
 RT: 10.016 min Scan# 1433
 Delta R.T. -0.000 min
 Lab File: VD079193.D
 Acq: 14 Jun 2024 17:23

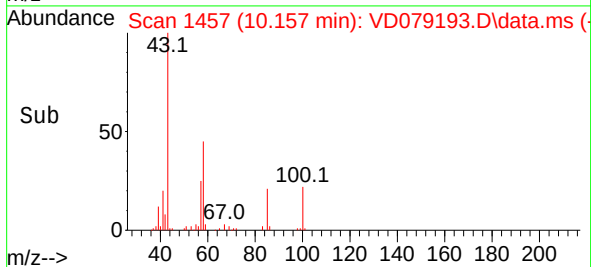
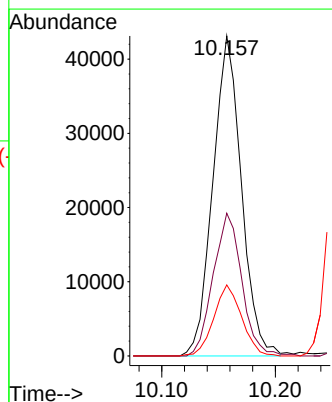
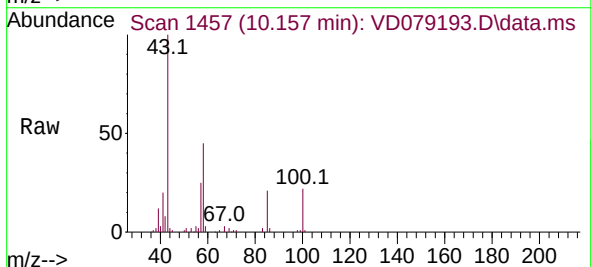
Instrument :
 MSVOA_D
 ClientSampleId :

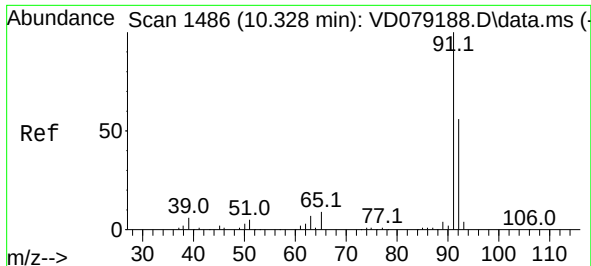
Tgt Ion: 75 Resp: 112398
 Ion Ratio Lower Upper
 75 100
 77 32.0 23.4 43.4



#40
 4-Methyl-2-pentanone
 Concen: 56.810 ug/L
 RT: 10.157 min Scan# 1457
 Delta R.T. -0.000 min
 Lab File: VD079193.D
 Acq: 14 Jun 2024 17:23

Tgt Ion: 43 Resp: 75153
 Ion Ratio Lower Upper
 43 100
 58 44.7 34.0 51.0
 100 21.7 16.9 25.3





#42

Toluene

Concen: 22.369 ug/L

RT: 10.334 min Scan# 1487

Delta R.T. 0.006 min

Lab File: VD079193.D

Acq: 14 Jun 2024 17:23

Instrument :

MSVOA_D

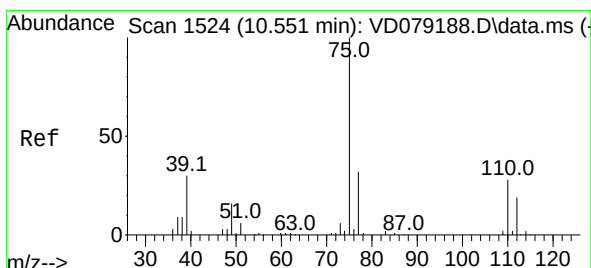
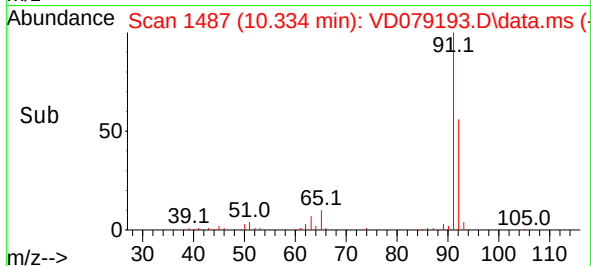
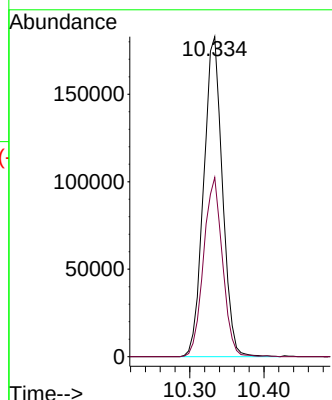
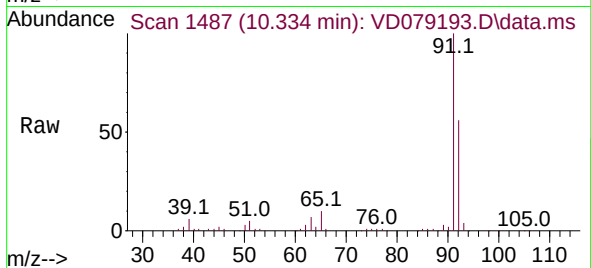
ClientSampleId :

Tgt Ion: 91 Resp: 321365

Ion Ratio Lower Upper

91 100

92 56.0 38.9 72.3



#44

trans-1,3-Dichloropropene

Concen: 23.956 ug/L

RT: 10.551 min Scan# 1524

Delta R.T. -0.000 min

Lab File: VD079193.D

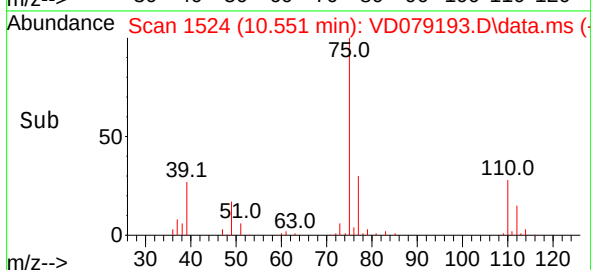
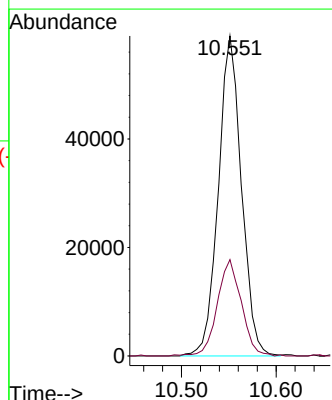
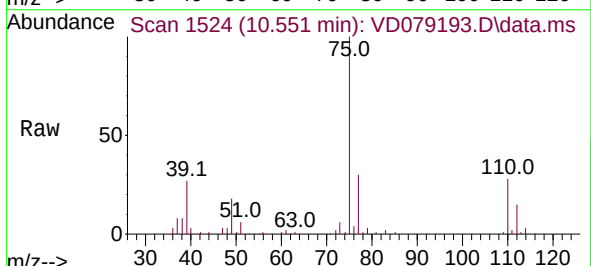
Acq: 14 Jun 2024 17:23

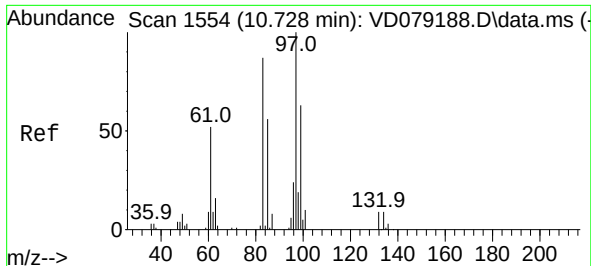
Tgt Ion: 75 Resp: 100216

Ion Ratio Lower Upper

75 100

77 30.1 24.3 45.1





#45

1,1,2-Trichloroethane

Concen: 23.768 ug/L

RT: 10.728 min Scan# 1554

Delta R.T. -0.000 min

Lab File: VD079193.D

Acq: 14 Jun 2024 17:23

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 97 Resp: 66080

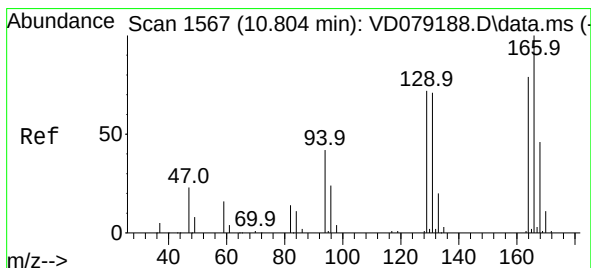
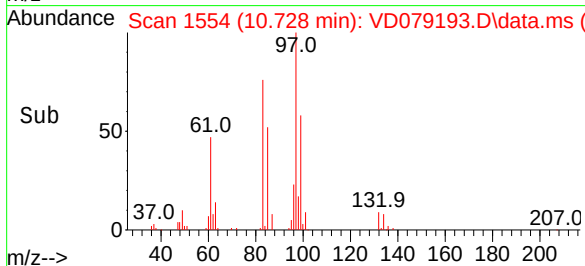
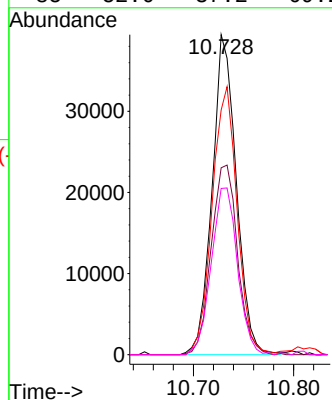
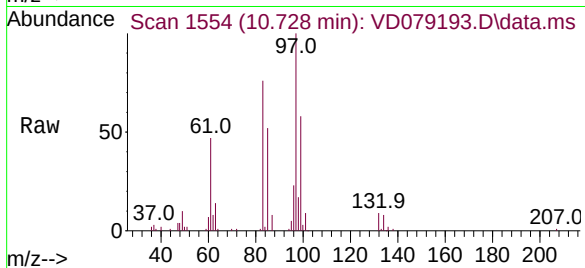
Ion Ratio Lower Upper

97 100

99 58.4 43.0 79.8

83 76.4 58.9 109.5

85 52.0 37.2 69.2



#46

Tetrachloroethene

Concen: 18.423 ug/L

RT: 10.810 min Scan# 1568

Delta R.T. 0.006 min

Lab File: VD079193.D

Acq: 14 Jun 2024 17:23

Tgt Ion:164 Resp: 54054

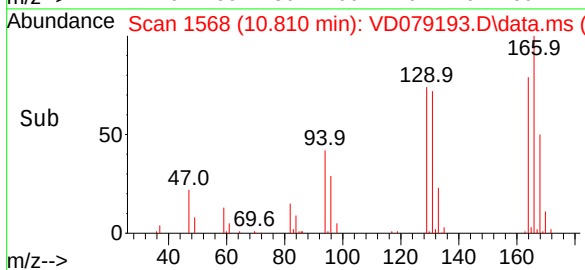
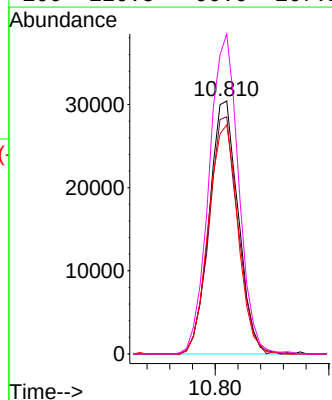
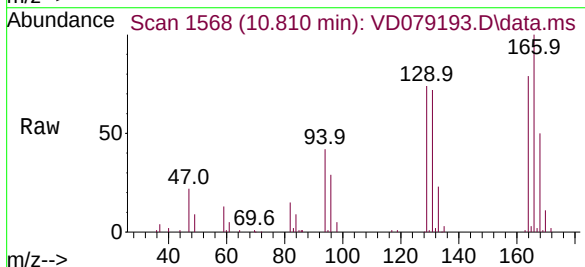
Ion Ratio Lower Upper

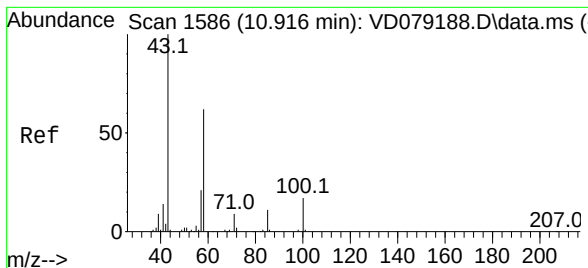
164 100

129 93.7 64.3 119.5

131 90.6 61.2 113.8

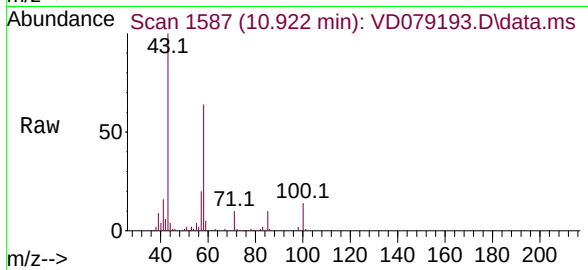
166 126.5 90.0 167.2



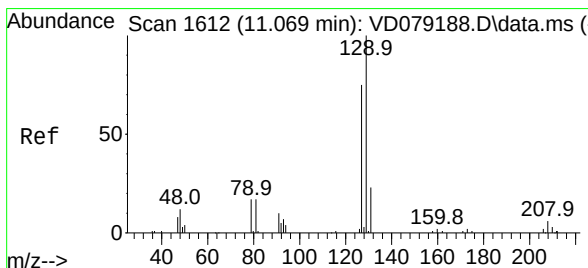
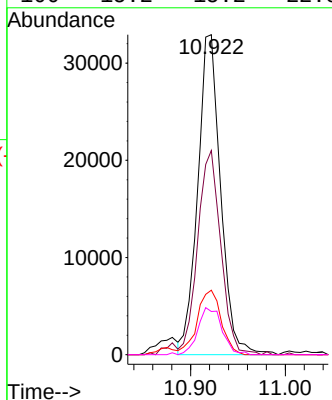
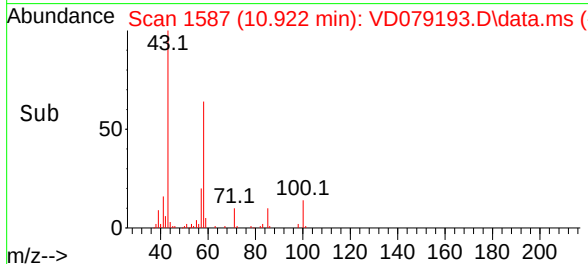


#48
2-Hexanone
Concen: 48.547 ug/L
RT: 10.922 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VD079193.D
Acq: 14 Jun 2024 17:23

Instrument :
MSVOA_D
ClientSampleId :

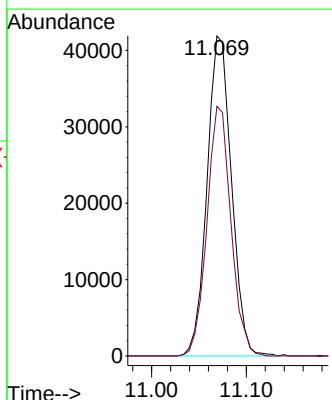
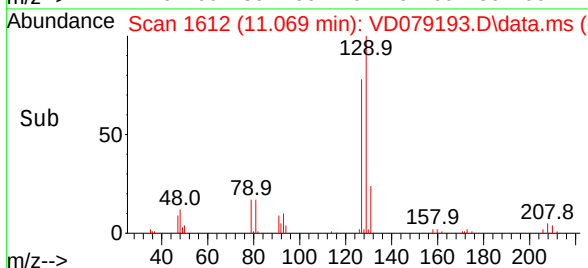
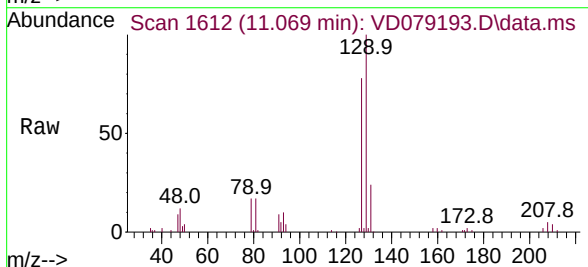


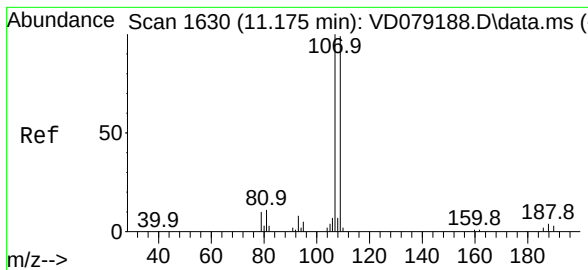
Tgt Ion: 43 Resp: 55572
Ion Ratio Lower Upper
43 100
58 63.6 50.1 75.1
57 21.0 16.5 24.7
100 15.2 15.2 22.8#



#49
Dibromochloromethane
Concen: 22.843 ug/L
RT: 11.069 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VD079193.D
Acq: 14 Jun 2024 17:23

Tgt Ion: 129 Resp: 75205
Ion Ratio Lower Upper
129 100
127 78.0 56.4 104.7

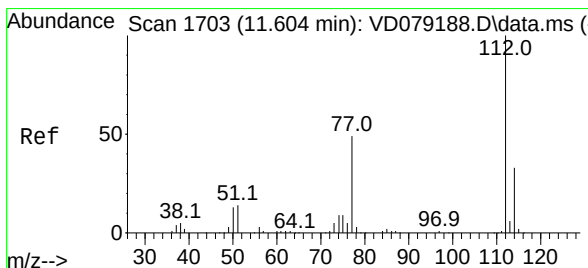
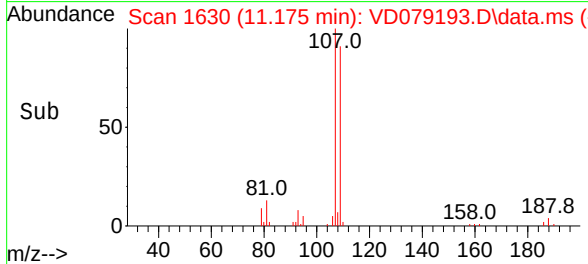
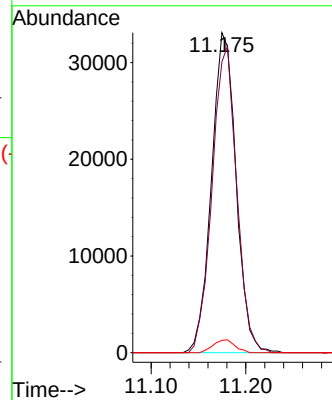
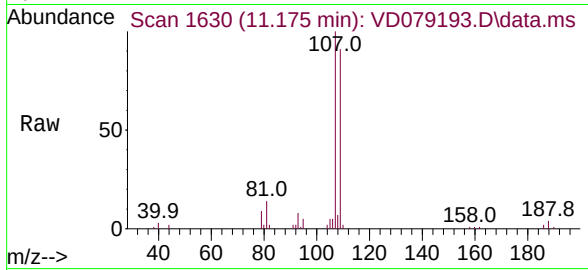




#50
1,2-Dibromoethane
Concen: 23.360 ug/L
RT: 11.175 min Scan# 1630
Delta R.T. -0.000 min
Lab File: VD079193.D
Acq: 14 Jun 2024 17:23

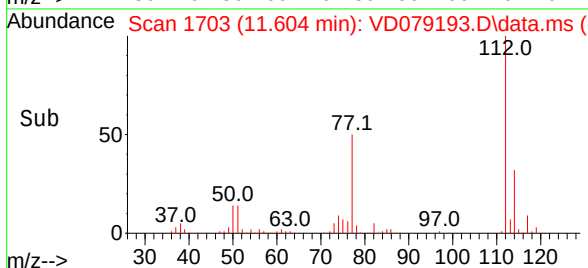
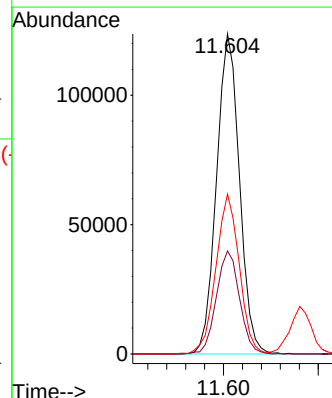
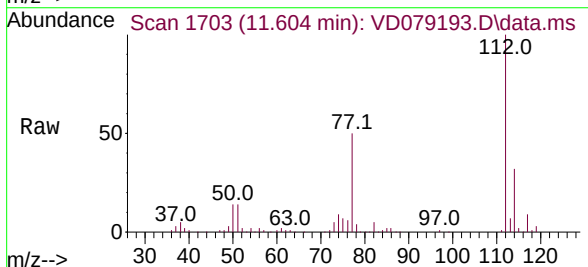
Instrument :
MSVOA_D
ClientSampleId :

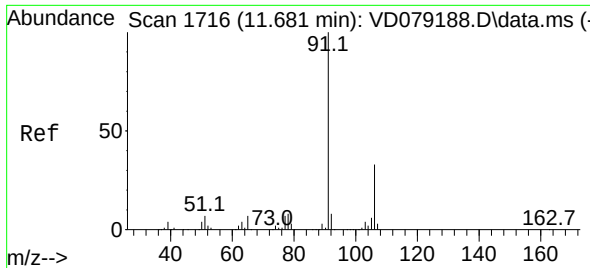
Tgt Ion:107 Resp: 59687
Ion Ratio Lower Upper
107 100
109 90.9 64.5 119.7
188 3.9 2.6 3.8#



#51
Chlorobenzene
Concen: 21.772 ug/L
RT: 11.604 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VD079193.D
Acq: 14 Jun 2024 17:23

Tgt Ion:112 Resp: 208120
Ion Ratio Lower Upper
112 100
114 32.2 22.7 42.3
77 49.9 38.4 57.6

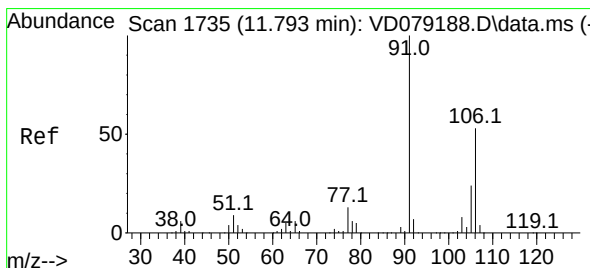
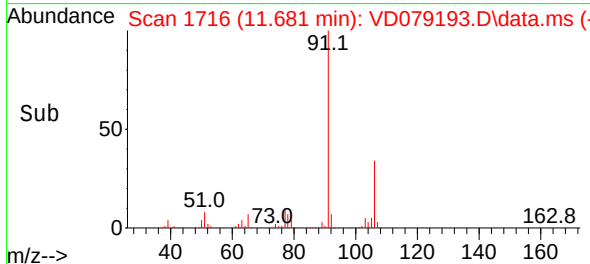
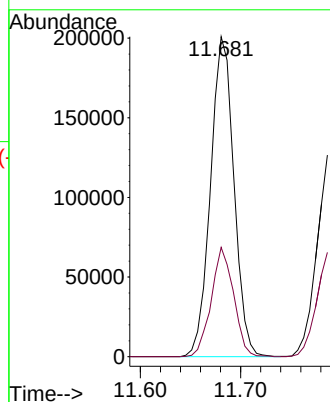
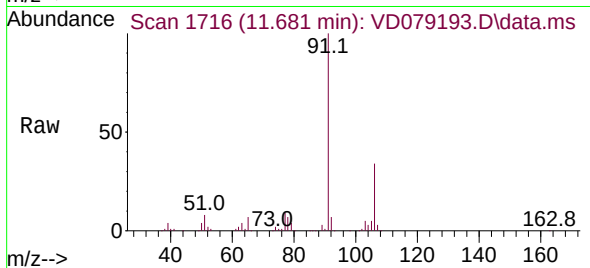




#52
Ethylbenzene
Concen: 21.754 ug/L
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD079193.D
Acq: 14 Jun 2024 17:23

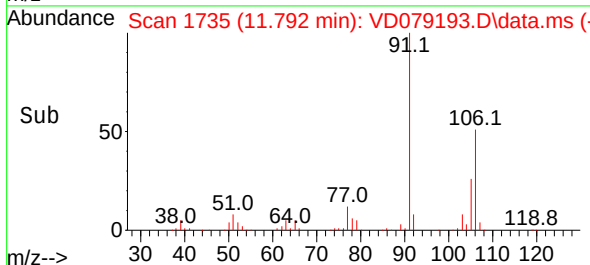
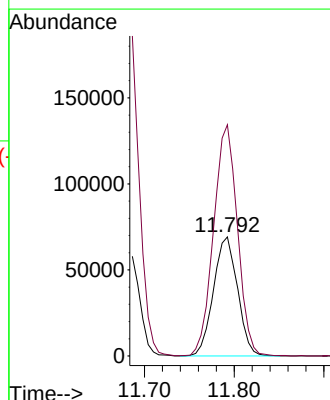
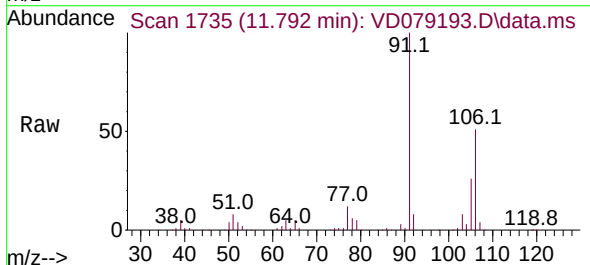
Instrument :
MSVOA_D
ClientSampleId :

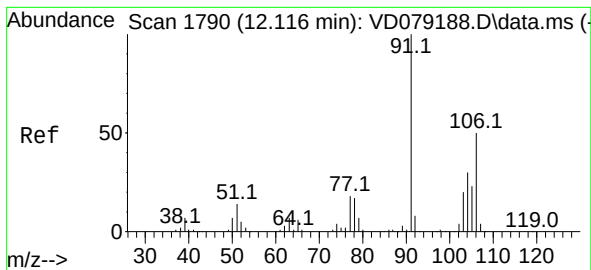
Tgt Ion: 91 Resp: 325991
Ion Ratio Lower Upper
91 100
106 34.2 22.3 41.5



#53
m,p-Xylene
Concen: 21.909 ug/L
RT: 11.792 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD079193.D
Acq: 14 Jun 2024 17:23

Tgt Ion:106 Resp: 128810
Ion Ratio Lower Upper
106 100
91 194.2 133.1 247.1





#54

o-Xylene

Concen: 22.341 ug/L

RT: 12.122 min Scan# 1791

Delta R.T. 0.006 min

Lab File: VD079193.D

Acq: 14 Jun 2024 17:23

Instrument :

MSVOA_D

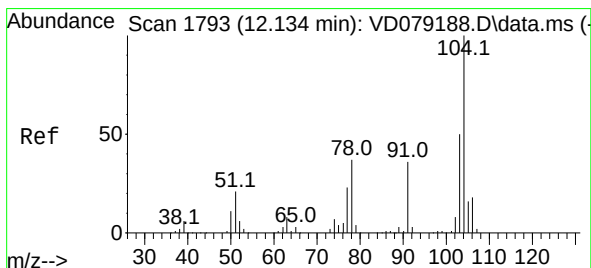
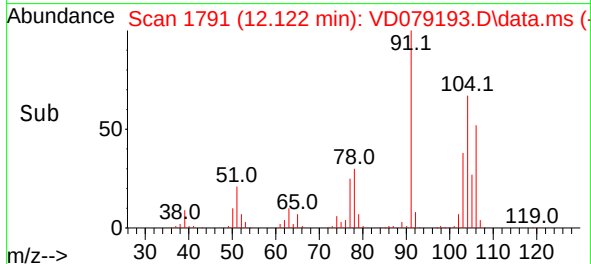
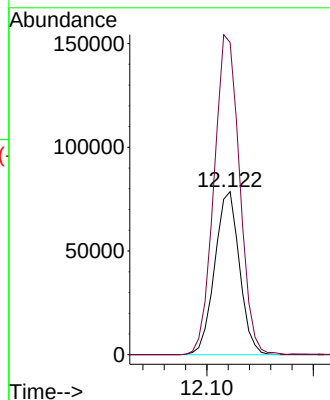
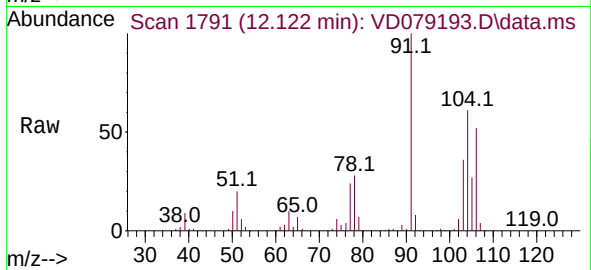
ClientSampleId :

Tgt Ion:106 Resp: 126904

Ion Ratio Lower Upper

106 100

91 191.4 132.9 246.9



#55

Styrene

Concen: 23.810 ug/L

RT: 12.134 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VD079193.D

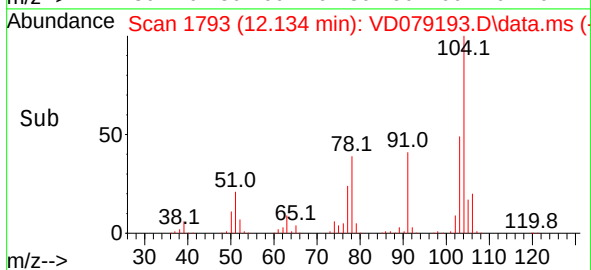
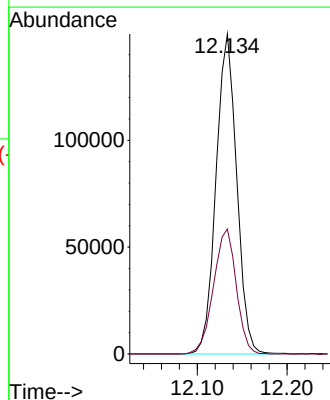
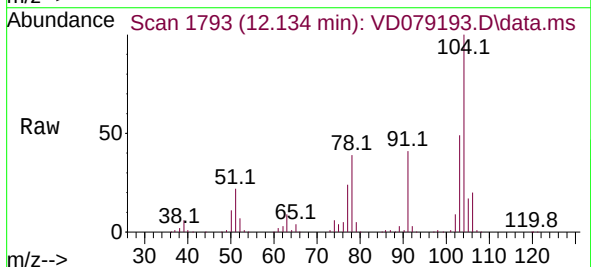
Acq: 14 Jun 2024 17:23

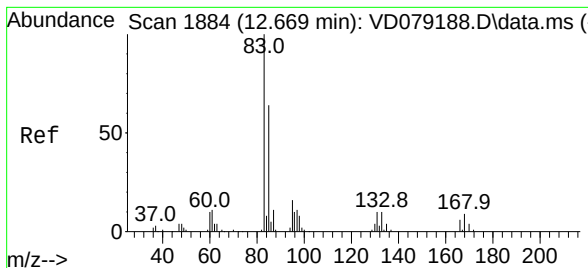
Tgt Ion:104 Resp: 239810

Ion Ratio Lower Upper

104 100

78 39.0 27.8 51.6





#57

1,1,2,2-Tetrachloroethane

Concen: 25.569 ug/L

RT: 12.669 min Scan# 1884

Delta R.T. -0.000 min

Lab File: VD079193.D

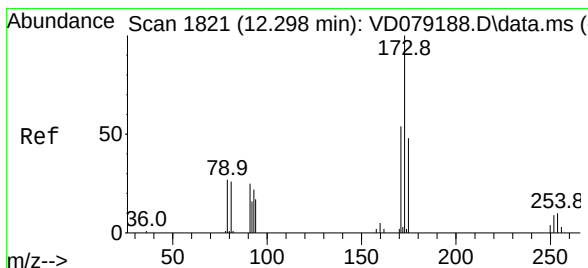
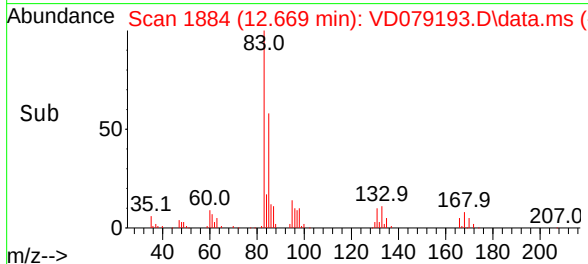
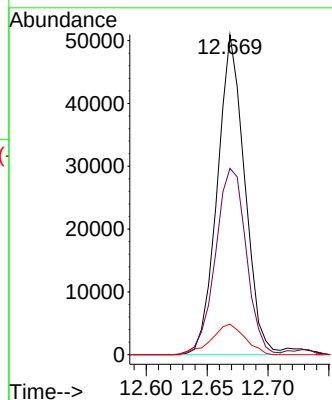
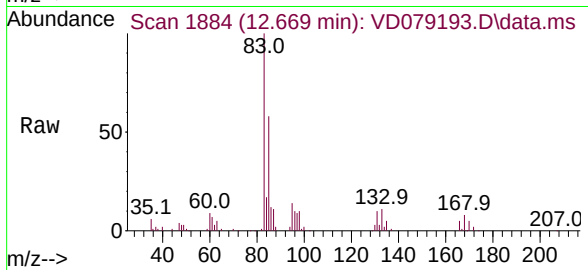
Acq: 14 Jun 2024 17:23

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	83	Resp:	79571
Ion	Ratio	Lower	Upper
83	100		
85	58.2	47.5	88.1
131	9.6	8.6	13.0



#59

Bromoform

Concen: 23.611 ug/L

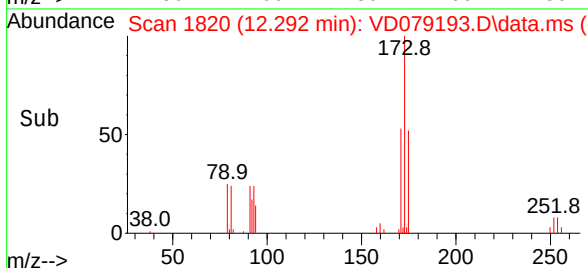
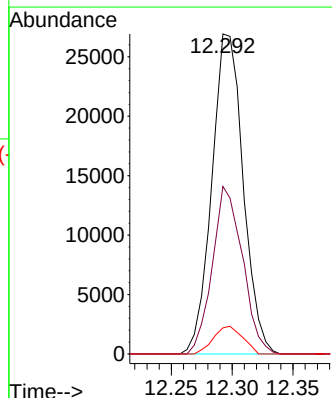
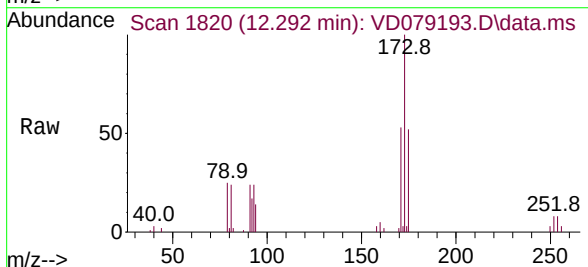
RT: 12.292 min Scan# 1820

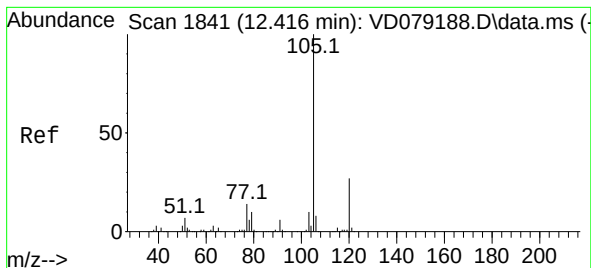
Delta R.T. -0.006 min

Lab File: VD079193.D

Acq: 14 Jun 2024 17:23

Tgt Ion:	173	Resp:	48229
Ion	Ratio	Lower	Upper
173	100		
175	50.3	38.2	57.4
254	8.1	7.0	10.6





#60

Isopropylbenzene

Concen: 22.055 ug/L

RT: 12.416 min Scan# 1841

Delta R.T. -0.000 min

Lab File: VD079193.D

Acq: 14 Jun 2024 17:23

Instrument :

MSVOA_D

ClientSampleId :

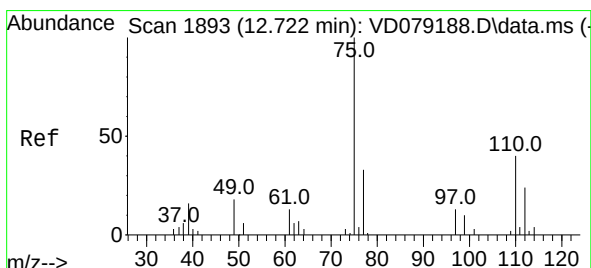
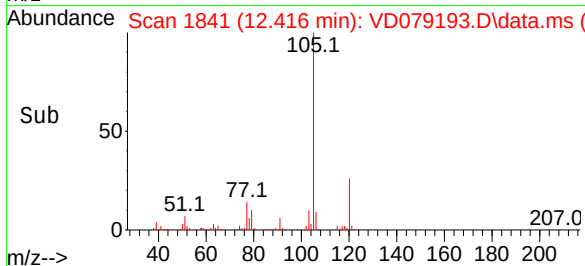
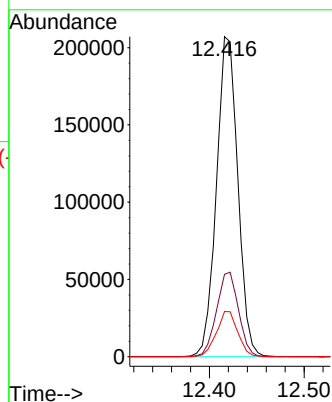
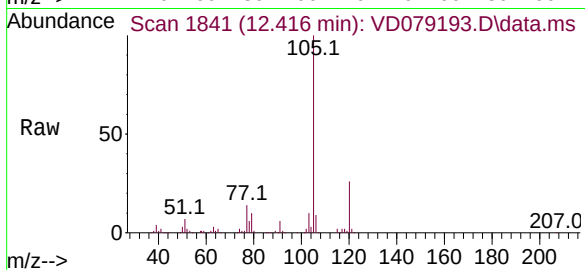
Tgt Ion:105 Resp: 325027

Ion Ratio Lower Upper

105 100

120 27.1 21.9 32.9

77 14.2 10.9 16.3



#61

1,2,3-Trichloropropane

Concen: 27.096 ug/L

RT: 12.722 min Scan# 1893

Delta R.T. -0.000 min

Lab File: VD079193.D

Acq: 14 Jun 2024 17:23

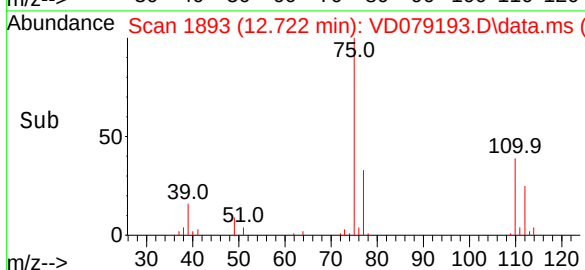
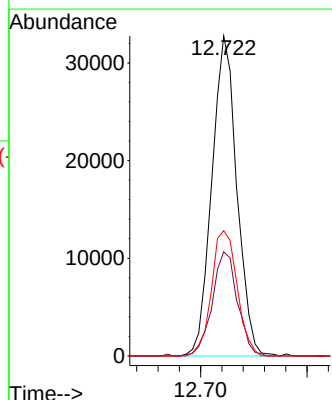
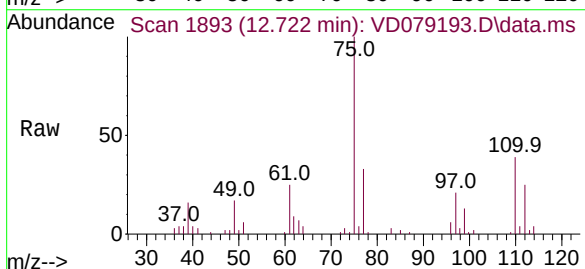
Tgt Ion: 75 Resp: 53317

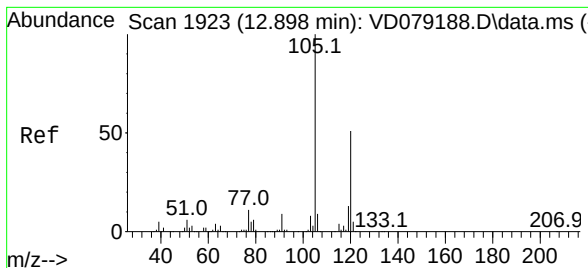
Ion Ratio Lower Upper

75 100

77 32.8 25.9 38.9

110 40.1 34.2 51.4

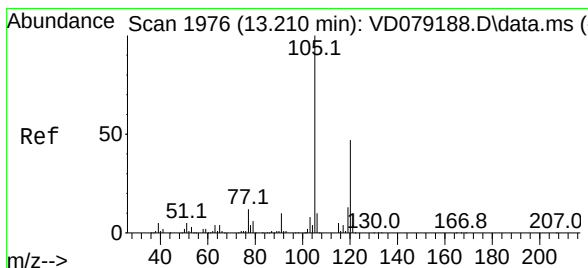
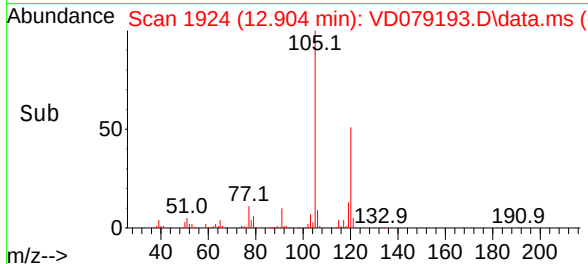
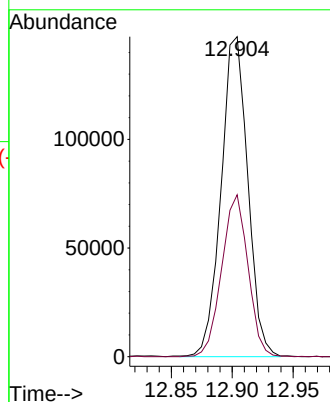
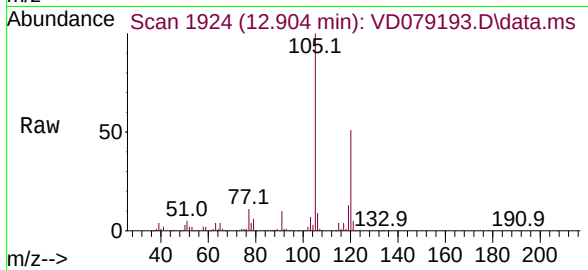




#62
1,3,5-Trimethylbenzene
Concen: 22.325 ug/L
RT: 12.904 min Scan# 1924
Delta R.T. 0.006 min
Lab File: VD079193.D
Acq: 14 Jun 2024 17:23

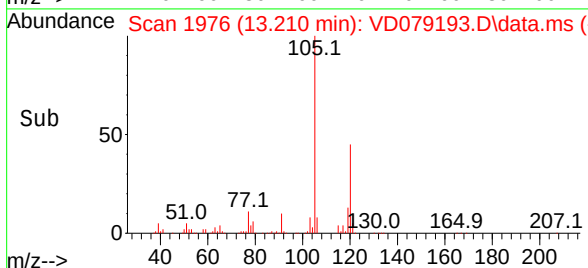
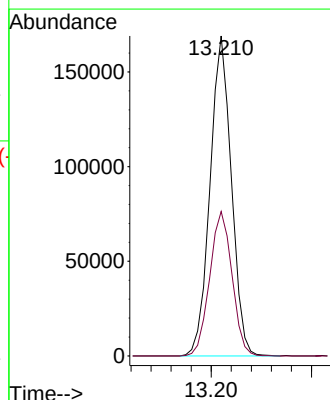
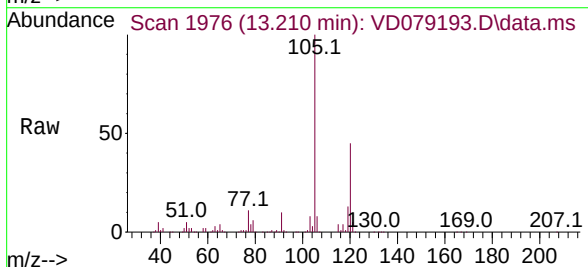
Instrument :
MSVOA_D
ClientSampleId :

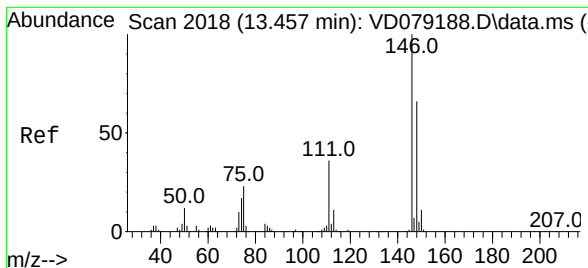
Tgt Ion:105 Resp: 224947
Ion Ratio Lower Upper
105 100
120 49.7 40.7 61.1



#63
1,2,4-Trimethylbenzene
Concen: 23.173 ug/L
RT: 13.210 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VD079193.D
Acq: 14 Jun 2024 17:23

Tgt Ion:105 Resp: 249736
Ion Ratio Lower Upper
105 100
120 47.2 38.0 57.0





#64

1,3-Dichlorobenzene

Concen: 22.122 ug/L

RT: 13.457 min Scan# 2018

Delta R.T. -0.000 min

Lab File: VD079193.D

Acq: 14 Jun 2024 17:23

Instrument :

MSVOA_D

ClientSampleId :

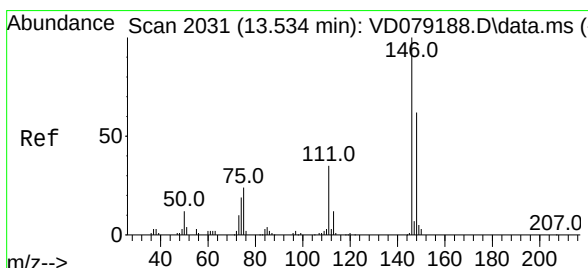
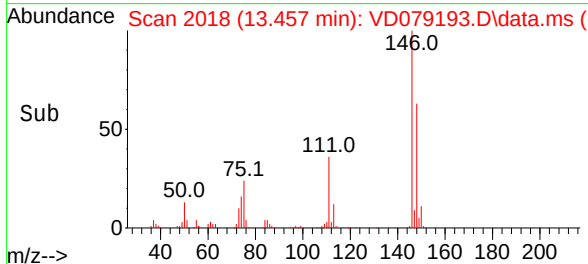
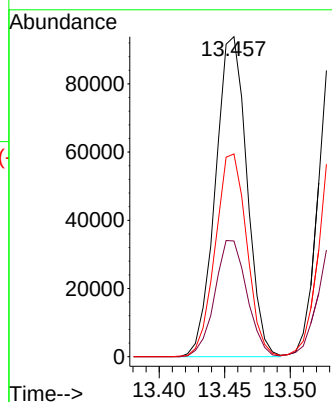
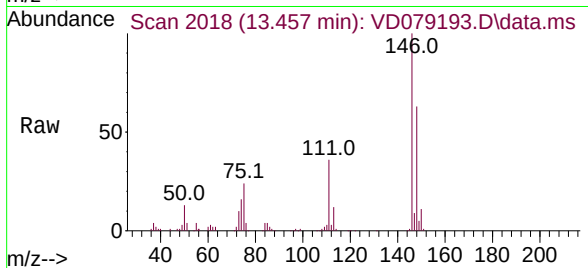
Tgt Ion:146 Resp: 156615

Ion Ratio Lower Upper

146 100

111 36.2 24.4 45.4

148 63.4 44.9 83.3



#65

1,4-Dichlorobenzene

Concen: 22.149 ug/L

RT: 13.533 min Scan# 2031

Delta R.T. -0.000 min

Lab File: VD079193.D

Acq: 14 Jun 2024 17:23

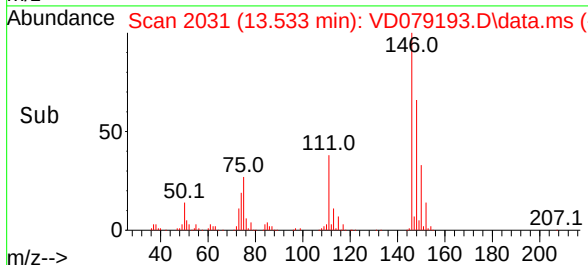
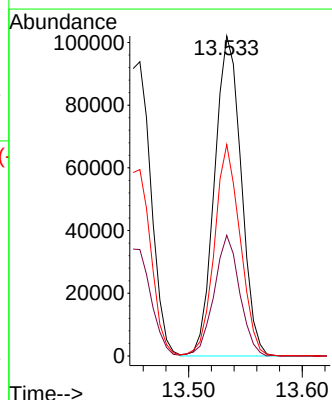
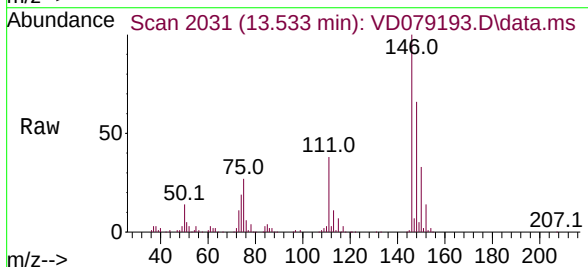
Tgt Ion:146 Resp: 166145

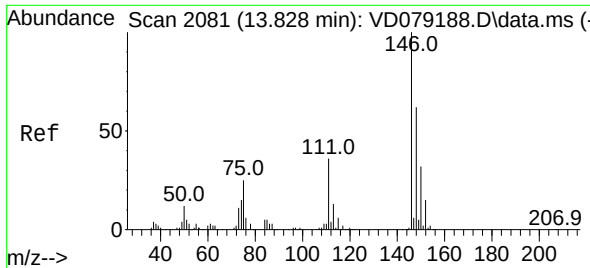
Ion Ratio Lower Upper

146 100

111 37.7 26.3 48.9

148 66.1 43.1 80.1

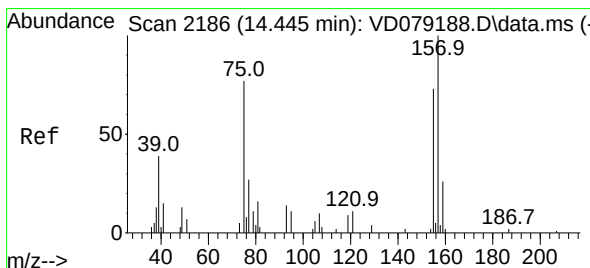
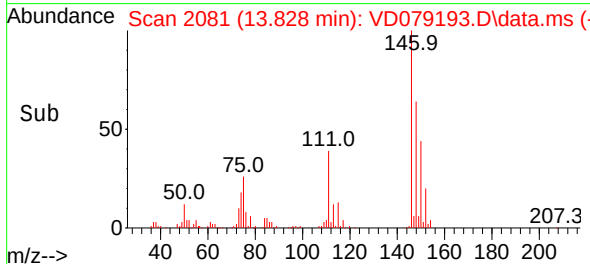
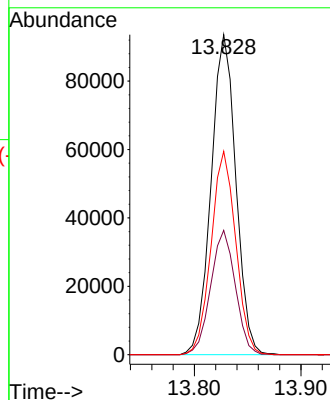
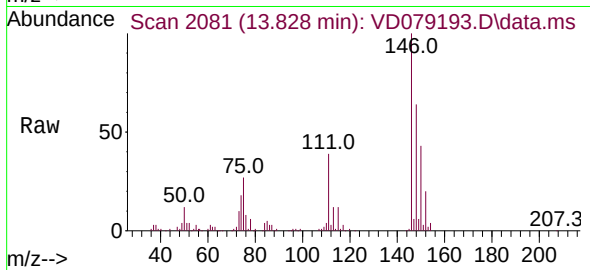




#67
1,2-Dichlorobenzene
Concen: 23.036 ug/L
RT: 13.828 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VD079193.D
Acq: 14 Jun 2024 17:23

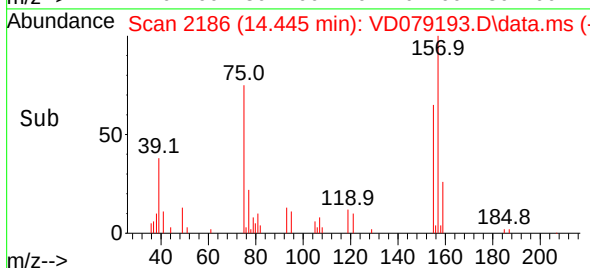
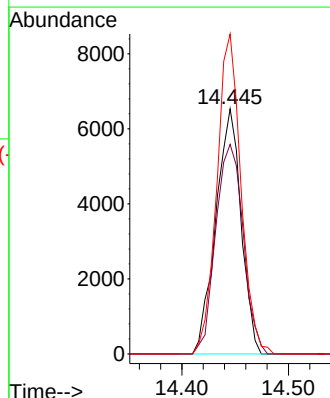
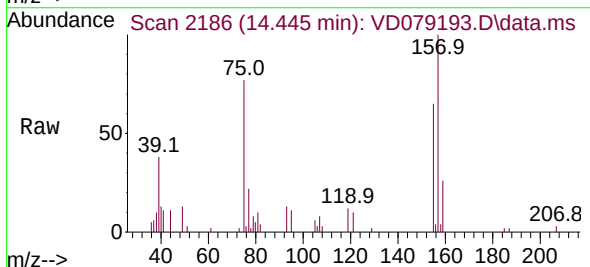
Instrument :
MSVOA_D
ClientSampleId :

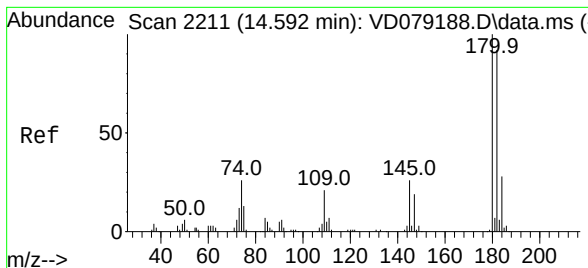
Tgt Ion:146 Resp: 150762
Ion Ratio Lower Upper
146 100
111 38.9 29.1 43.7
148 63.5 51.2 76.8



#68
1,2-Dibromo-3-chloropropane
Concen: 26.529 ug/L
RT: 14.445 min Scan# 2186
Delta R.T. -0.000 min
Lab File: VD079193.D
Acq: 14 Jun 2024 17:23

Tgt Ion: 75 Resp: 10731
Ion Ratio Lower Upper
75 100
155 85.5 68.1 102.1
157 130.5 91.6 137.4





#69

1,3,5-Trichlorobenzene

Concen: 20.665 ug/L

RT: 14.592 min Scan# 2211

Delta R.T. -0.000 min MSVOA_D

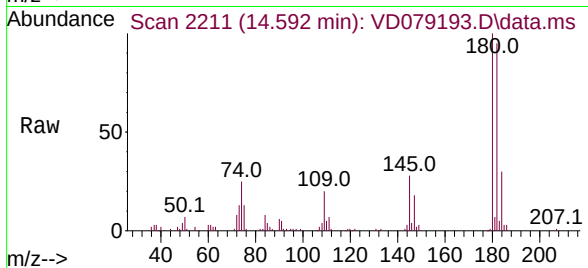
Lab File: VD079193.D

Acq: 14 Jun 2024 17:23

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:180 Resp: 92269

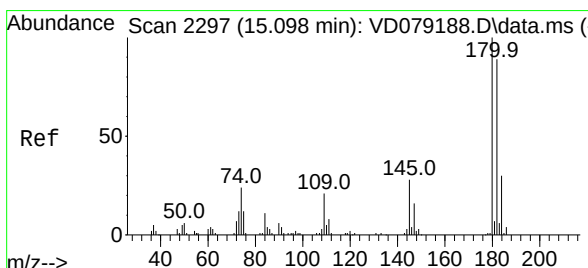
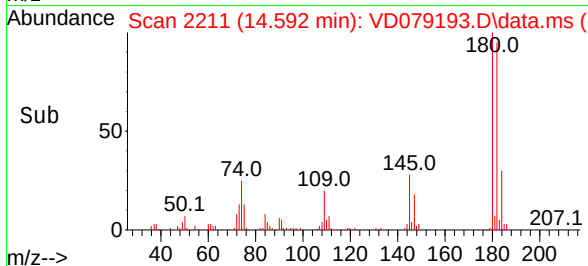
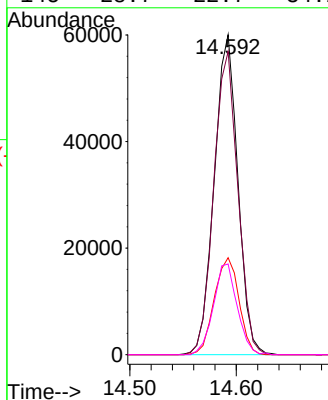
Ion Ratio Lower Upper

180 100

182 96.4 76.9 115.3

184 31.7 23.3 34.9

145 28.7 22.7 34.1



#70

1,2,4-trichlorobenzene

Concen: 20.660 ug/L

RT: 15.098 min Scan# 2297

Delta R.T. -0.000 min

Lab File: VD079193.D

Acq: 14 Jun 2024 17:23

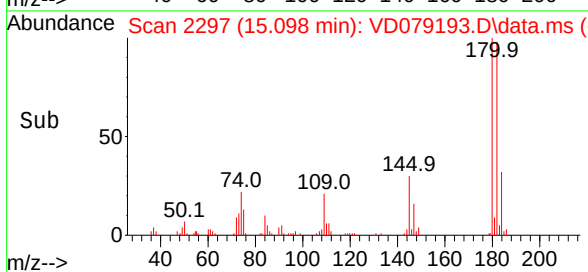
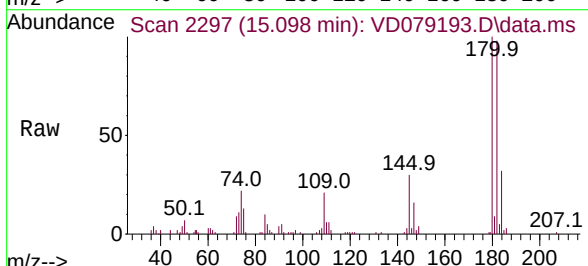
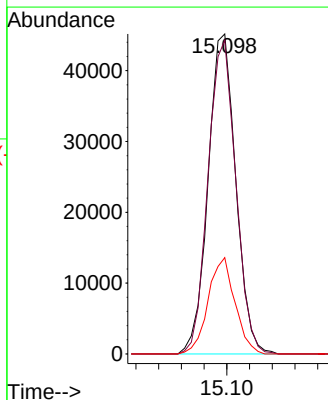
Tgt Ion:180 Resp: 76614

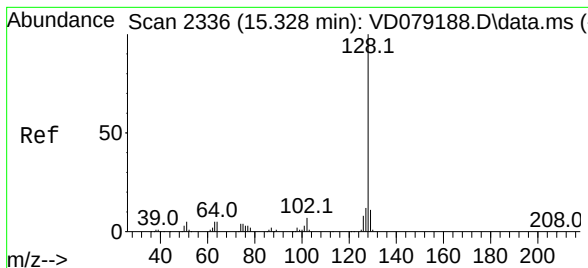
Ion Ratio Lower Upper

180 100

182 98.0 73.8 110.6

145 29.1 22.3 33.5





#71

Naphthalene

Concen: 24.104 ug/L

RT: 15.327 min Scan# 2336

Delta R.T. -0.000 min

Lab File: VD079193.D

Acq: 14 Jun 2024 17:23

Instrument :

MSVOA_D

ClientSampleId :

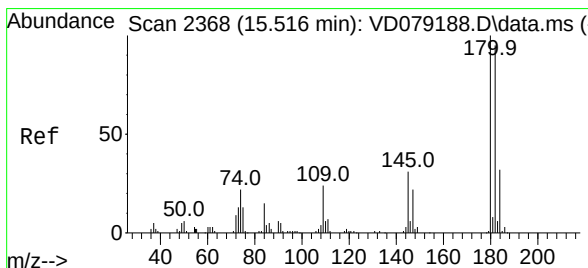
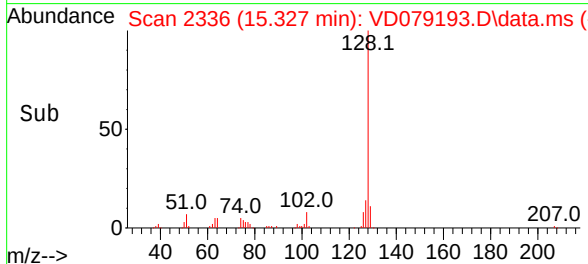
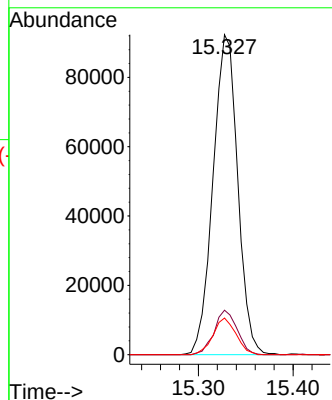
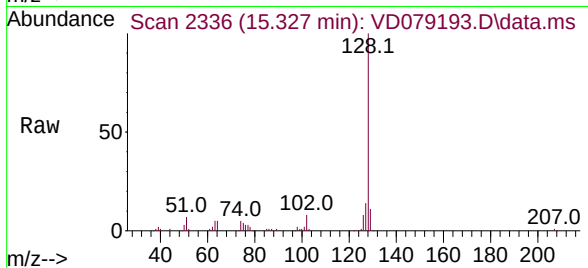
Tgt Ion:128 Resp: 167169

Ion Ratio Lower Upper

128 100

127 13.0 10.8 16.2

129 10.7 8.5 12.7



#72

1,2,3-Trichlorobenzene

Concen: 23.890 ug/L

RT: 15.516 min Scan# 2368

Delta R.T. -0.000 min

Lab File: VD079193.D

Acq: 14 Jun 2024 17:23

Tgt Ion:180 Resp: 76570

Ion Ratio Lower Upper

180 100

182 93.8 79.4 119.2

145 30.9 24.7 37.1

