

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052924\
 Data File : VD079058.D
 Acq On : 29 May 2024 11:11
 Operator : RP/MD
 Sample : VSTD100
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 30 00:42:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM052924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu May 30 00:39:29 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	221496	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	224561	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	123387	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	661372	113.357	ug/L	0.00
7) Chloroethane-d5	2.799	69	646377	106.484	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.916	65	130997	117.094	ug/L	0.00
21) 2-Butanone-d5	6.987	46	106947	144.539	ug/L	0.00
24) Chloroform-d	7.569	84	593283	88.656	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.228	65	278665	88.410	ug/L	0.00
32) Benzene-d6	8.204	84	1291430	108.596	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.210	67	330235	92.226	ug/L	0.00
41) Toluene-d8	10.269	98	1267713	114.085	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.522	79	158339	96.551	ug/L	0.00
47) 2-Hexanone-d5	10.875	63	109218	162.033	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.651	84	296664	76.038	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.816	152	437457	101.830	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	345557	78.899	ug/L	99
3) Chloromethane	2.146	50	422799	77.427	ug/L	96
5) Vinyl chloride	2.281	62	745035	83.381	ug/L	97
6) Bromomethane	2.681	94	612189	93.468	ug/L	96
8) Chloroethane	2.834	64	551575	80.966	ug/L	95
9) Trichlorofluoromethane	3.175	101	542366	75.727	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	3.963	101	355414	81.661	ug/L	99
12) 1,1-Dichloroethene	3.934	96	337960	88.501	ug/L	91
13) Acetone	4.016	43	170161	183.418	ug/L	99
14) Carbon disulfide	4.269	76	1063280	91.885	ug/L	99
15) Methyl Acetate	4.558	43	98114	68.000	ug/L	93
16) Methylene chloride	4.799	84	338985	65.793	ug/L	93
17) trans-1,2-Dichloroethene	5.310	96	359101	92.148	ug/L	91
18) Methyl tert-butyl Ether	5.316	73	690328	86.226	ug/L	# 90
19) 1,1-Dichloroethane	6.110	63	519095	81.200	ug/L	97
20) cis-1,2-Dichloroethene	7.081	96	390118	89.808	ug/L	98
22) 2-Butanone	7.081	43	194879	190.063	ug/L	98
23) Bromochloromethane	7.428	128	175362	80.587	ug/L	97
25) Chloroform	7.593	83	601759	78.633	ug/L	94
27) 1,2-Dichloroethane	8.322	62	353816	79.610	ug/L	96
29) Cyclohexane	7.875	56	478886	109.037	ug/L	99
30) 1,1,1-Trichloroethane	7.793	97	520995	85.009	ug/L	99
31) Carbon tetrachloride	7.993	117	495632	87.751	ug/L	96
33) Benzene	8.252	78	1428397	93.530	ug/L	100
34) Trichloroethene	9.028	95	360485	91.458	ug/L	98
35) Methylcyclohexane	9.275	83	665559	109.234	ug/L	98
37) 1,2-Dichloropropane	9.304	63	326424	85.249	ug/L	99
38) Bromodichloromethane	9.581	83	441565	82.258	ug/L	97
39) cis-1,3-Dichloropropene	10.016	75	573169	95.540	ug/L	96
40) 4-Methyl-2-pentanone	10.157	43	303719	160.685	ug/L	92
42) Toluene	10.334	91	1642416	97.326	ug/L	97
44) trans-1,3-Dichloropropene	10.551	75	486386	92.005	ug/L	95

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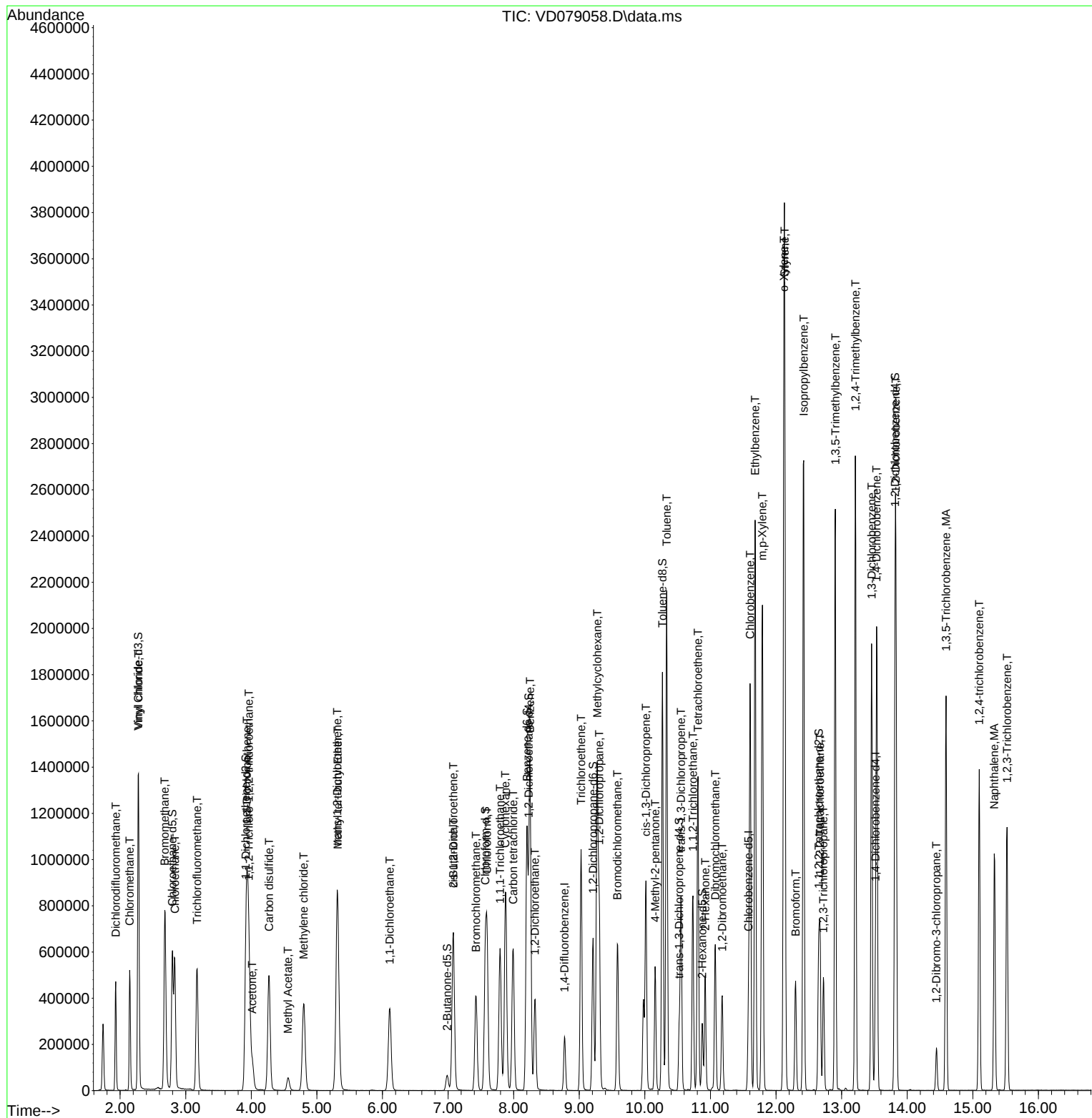
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.734	97	282763	81.930	ug/L	97
46) Tetrachloroethene	10.810	164	323485	94.301	ug/L	98
48) 2-Hexanone	10.922	43	281493	187.360	ug/L	95
49) Dibromochloromethane	11.075	129	344082	81.775	ug/L	97
50) 1,2-Dibromoethane	11.181	107	272506	82.747	ug/L	94
51) Chlorobenzene	11.604	112	1051792	89.331	ug/L	100
52) Ethylbenzene	11.681	91	1810011	100.315	ug/L	99
53) m,p-Xylene	11.793	106	722380	99.958	ug/L	100
54) o-Xylene	12.122	106	735191	104.182	ug/L	92
55) Styrene	12.134	104	1292511	104.917	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.669	83	320861	77.046	ug/L	96
59) Bromoform	12.298	173	219098	80.192	ug/L	100
60) Isopropylbenzene	12.422	105	1885687	103.578	ug/L	100
61) 1,2,3-Trichloropropane	12.722	75	205099	74.052	ug/L	98
62) 1,3,5-Trimethylbenzene	12.904	105	1350921	102.013	ug/L	99
63) 1,2,4-Trimethylbenzene	13.210	105	1463273	107.411	ug/L	99
64) 1,3-Dichlorobenzene	13.457	146	837465	95.052	ug/L	98
65) 1,4-Dichlorobenzene	13.534	146	849861	89.646	ug/L	97
67) 1,2-Dichlorobenzene	13.828	146	777842	93.561	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.445	75	42943	75.065	ug/L	89
69) 1,3,5-Trichlorobenzene	14.592	180	539471	94.374	ug/L	99
70) 1,2,4-trichlorobenzene	15.098	180	447879	92.713	ug/L	97
71) Naphthalene	15.328	128	910571	93.764	ug/L	99
72) 1,2,3-Trichlorobenzene	15.522	180	407771	91.346	ug/L	97

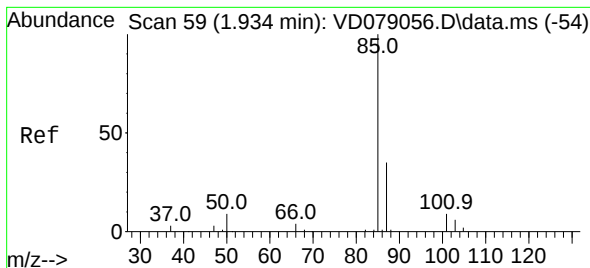
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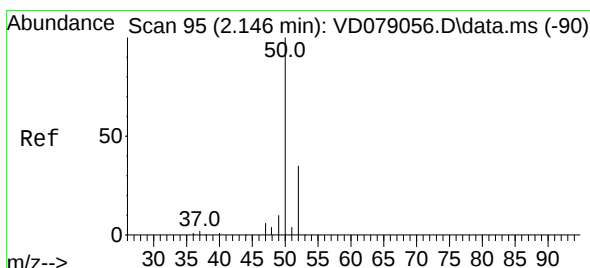
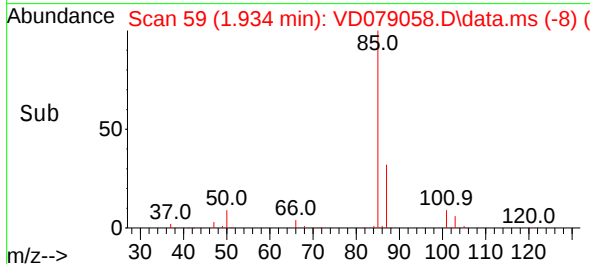
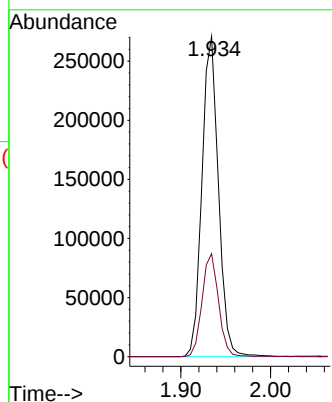
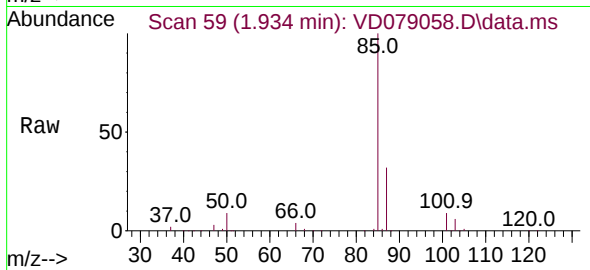




#2
 Dichlorodifluoromethane
 Concen: 78.899 ug/L
 RT: 1.934 min Scan# 59
 Delta R.T. 0.000 min
 Lab File: VD079058.D
 Acq: 29 May 2024 11:11

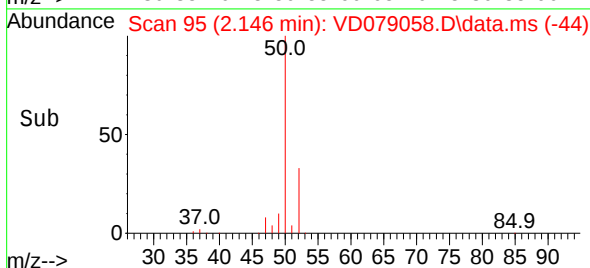
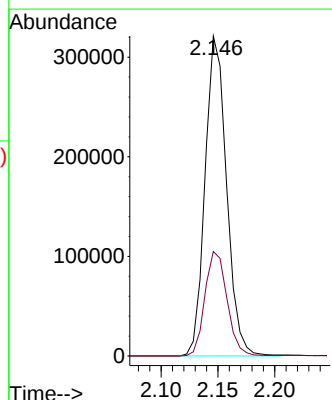
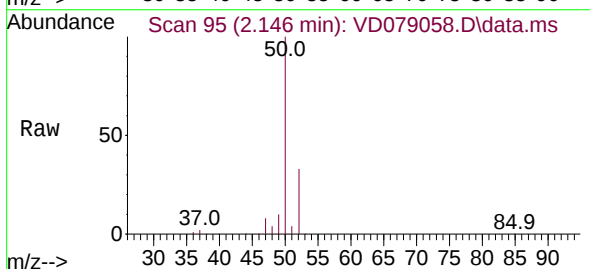
Instrument :
 MSVOA_D
 ClientSampleId :

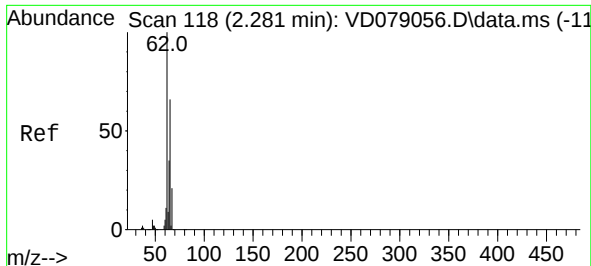
Tgt Ion: 85 Resp: 345557
 Ion Ratio Lower Upper
 85 100
 87 32.0 26.2 39.4



#3
 Chloromethane
 Concen: 77.427 ug/L
 RT: 2.146 min Scan# 95
 Delta R.T. 0.000 min
 Lab File: VD079058.D
 Acq: 29 May 2024 11:11

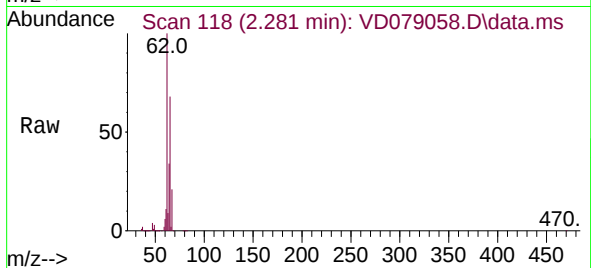
Tgt Ion: 50 Resp: 422799
 Ion Ratio Lower Upper
 50 100
 52 32.6 24.4 45.2



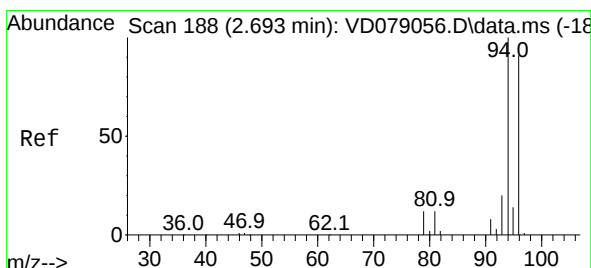
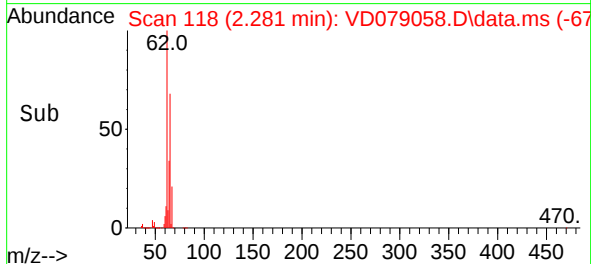
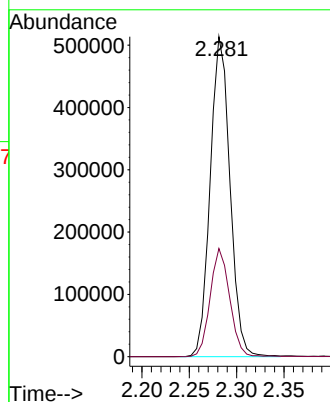


#5
Vinyl chloride
Concen: 83.381 ug/L
RT: 2.281 min Scan# 118
Delta R.T. 0.000 min
Lab File: VD079058.D
Acq: 29 May 2024 11:11

Instrument :
MSVOA_D
ClientSampleId :

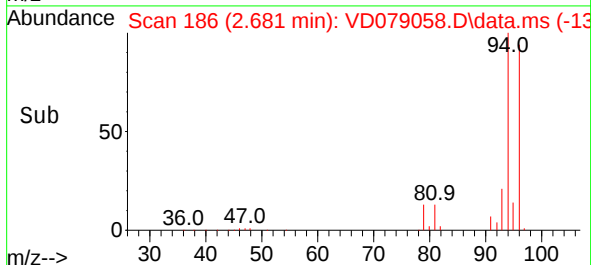
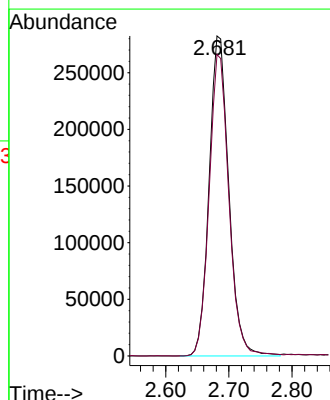
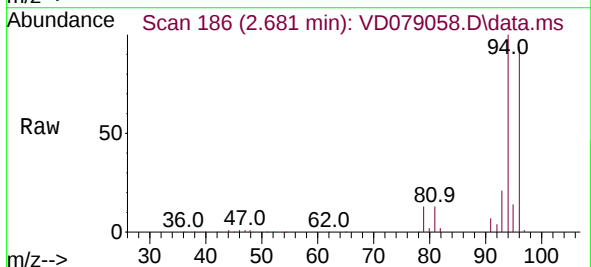


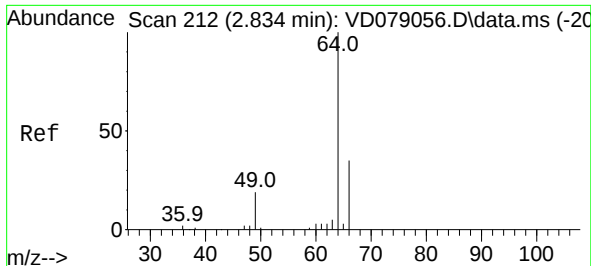
Tgt Ion: 62 Resp: 745035
Ion Ratio Lower Upper
62 100
64 33.8 24.8 46.1



#6
Bromomethane
Concen: 93.468 ug/L
RT: 2.681 min Scan# 186
Delta R.T. -0.012 min
Lab File: VD079058.D
Acq: 29 May 2024 11:11

Tgt Ion: 94 Resp: 612189
Ion Ratio Lower Upper
94 100
96 94.2 63.6 118.2

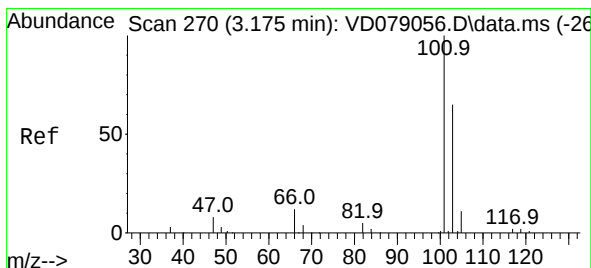
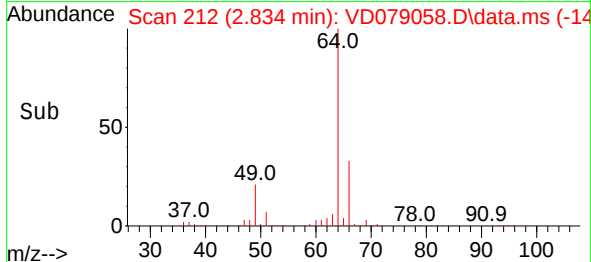
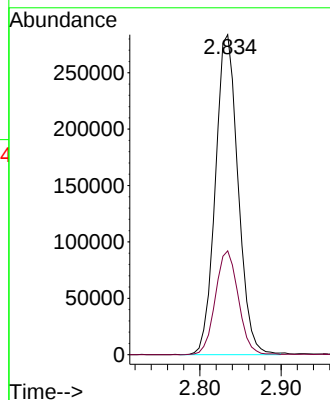
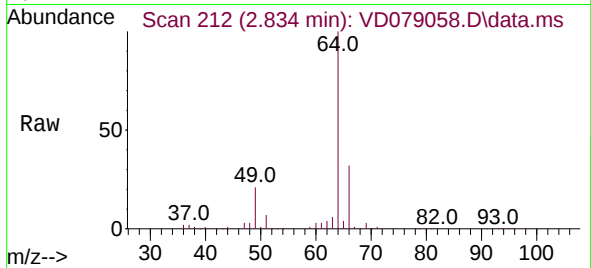




#8
Chloroethane
Concen: 80.966 ug/L
RT: 2.834 min Scan# 212
Delta R.T. 0.000 min
Lab File: VD079058.D
Acq: 29 May 2024 11:11

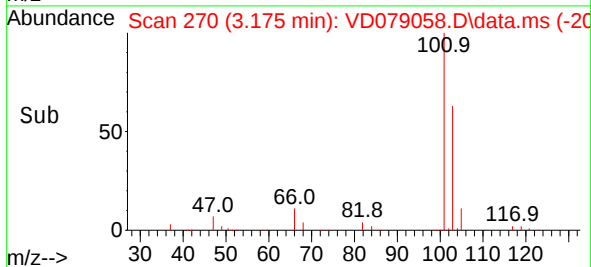
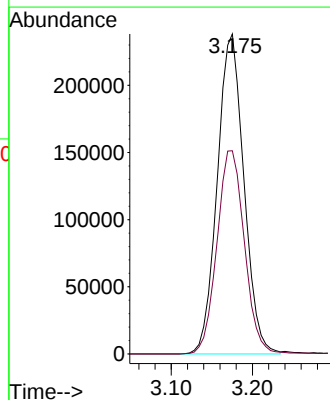
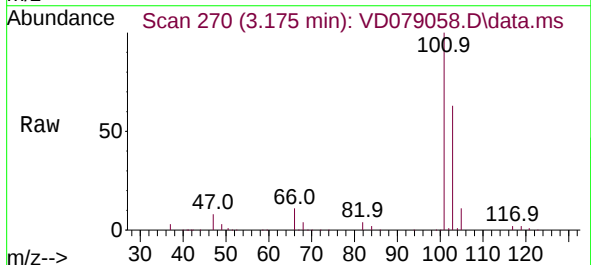
Instrument :
MSVOA_D
ClientSampleId :

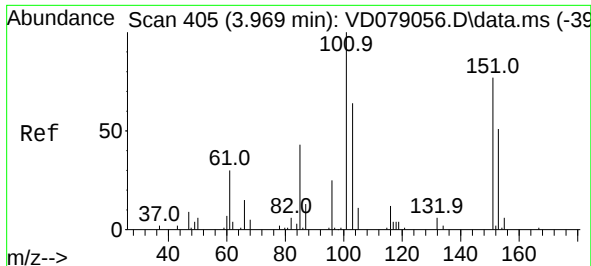
Tgt Ion: 64 Resp: 551575
Ion Ratio Lower Upper
64 100
66 32.5 24.8 46.1



#9
Trichlorofluoromethane
Concen: 75.727 ug/L
RT: 3.175 min Scan# 270
Delta R.T. 0.000 min
Lab File: VD079058.D
Acq: 29 May 2024 11:11

Tgt Ion:101 Resp: 542366
Ion Ratio Lower Upper
101 100
103 65.6 52.6 79.0





#10

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

Concen: 81.661 ug/L

RT: 3.963 min Scan# 405

Delta R.T. -0.006 min

Lab File: VD079058.D

Acq: 29 May 2024 11:11

Instrument :

MSVOA_D

ClientSampleId :

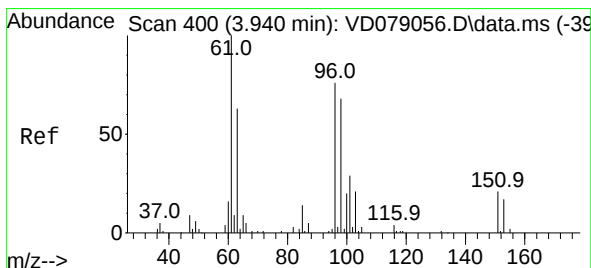
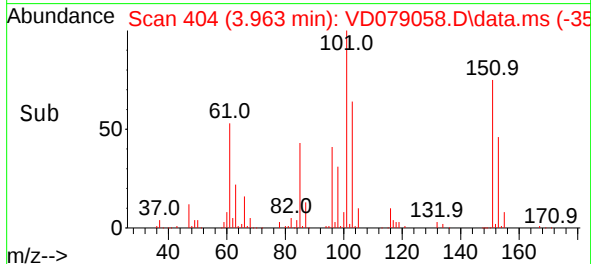
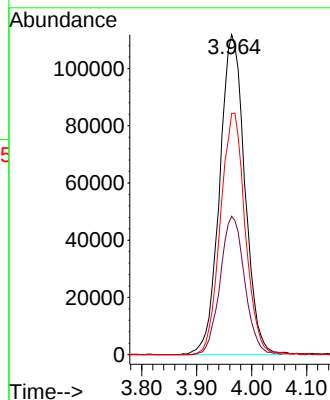
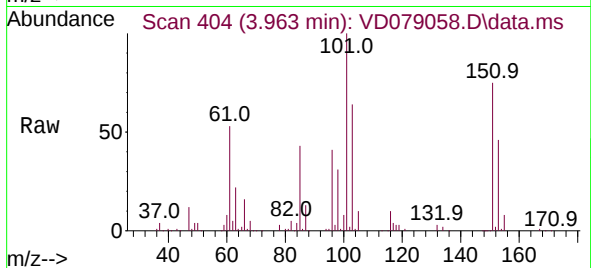
Tgt Ion:101 Resp: 355414

Ion Ratio Lower Upper

101 100

85 42.2 35.4 53.0

151 74.3 59.1 88.7



#12

1,1-Dichloroethene

Concen: 88.501 ug/L

RT: 3.934 min Scan# 399

Delta R.T. -0.006 min

Lab File: VD079058.D

Acq: 29 May 2024 11:11

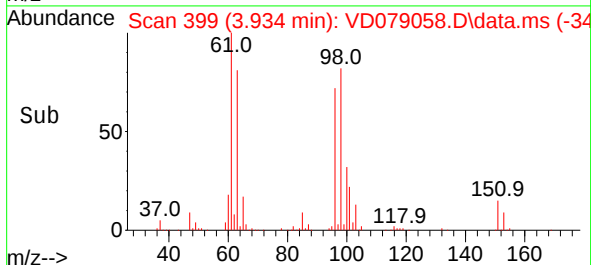
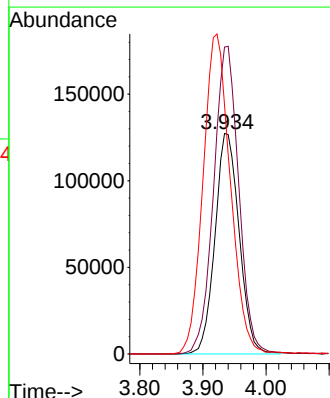
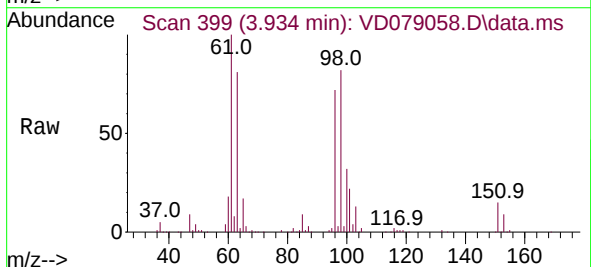
Tgt Ion: 96 Resp: 337960

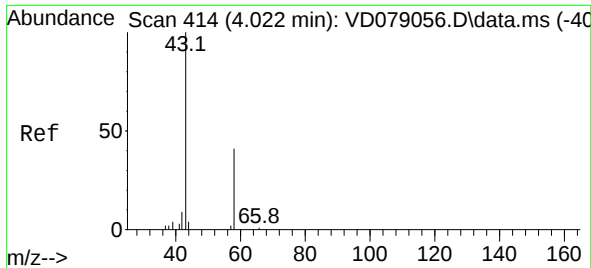
Ion Ratio Lower Upper

96 100

61 139.2 93.9 174.3

63 112.9 67.7 125.7

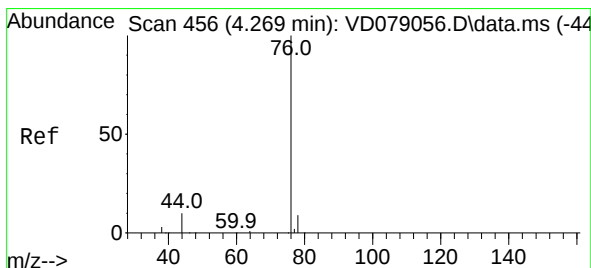
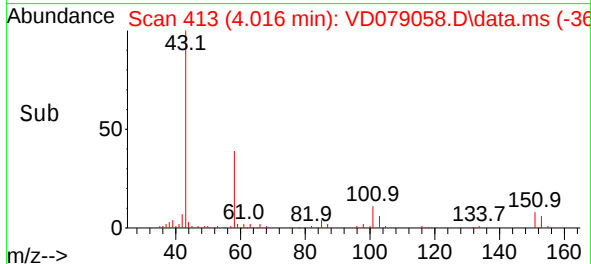
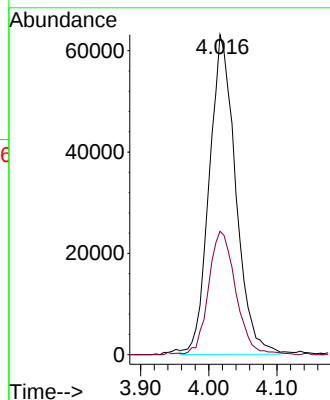
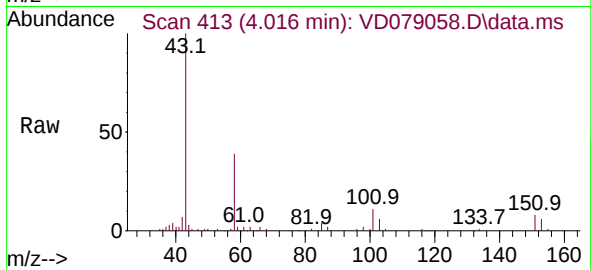




#13
Acetone
Concen: 183.418 ug/L
RT: 4.016 min Scan# 414
Delta R.T. -0.006 min
Lab File: VD079058.D
Acq: 29 May 2024 11:11

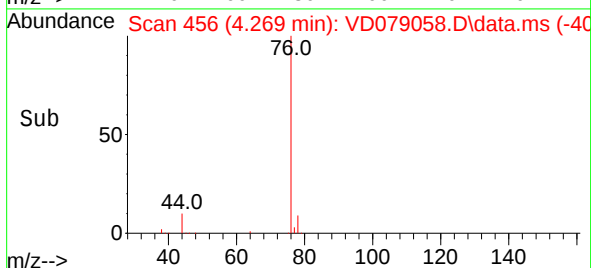
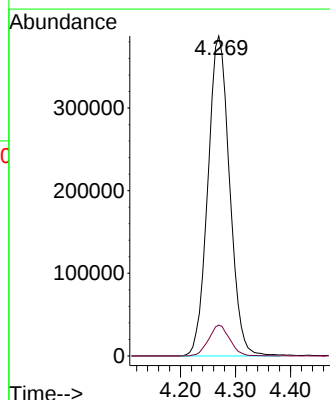
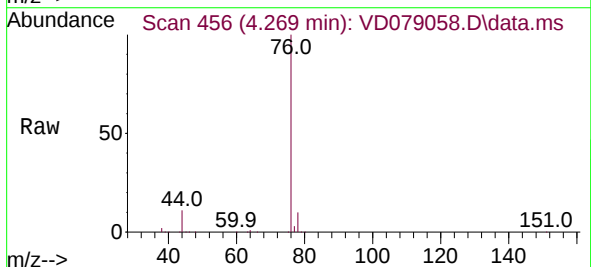
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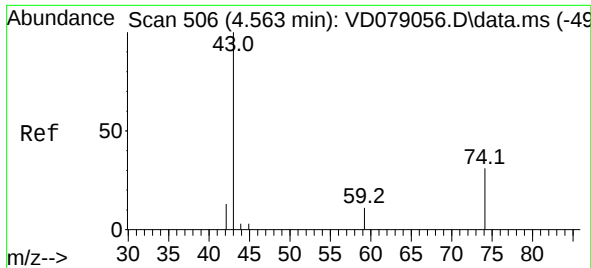
Tgt Ion: 43 Resp: 170161
Ion Ratio Lower Upper
43 100
58 39.8 0.0 78.2



#14
Carbon disulfide
Concen: 91.885 ug/L
RT: 4.269 min Scan# 456
Delta R.T. 0.000 min
Lab File: VD079058.D
Acq: 29 May 2024 11:11

Tgt Ion: 76 Resp: 1063280
Ion Ratio Lower Upper
76 100
78 9.7 7.5 11.3





#15

Methyl Acetate

Concen: 68.000 ug/L

RT: 4.558 min Scan# 506

Delta R.T. -0.006 min

Lab File: VD079058.D

Acq: 29 May 2024 11:11

Instrument :

MSVOA_D

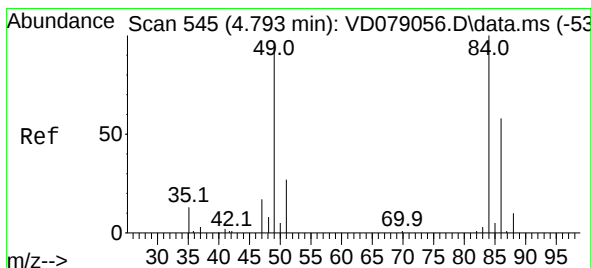
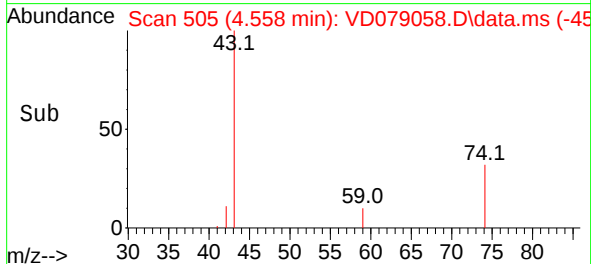
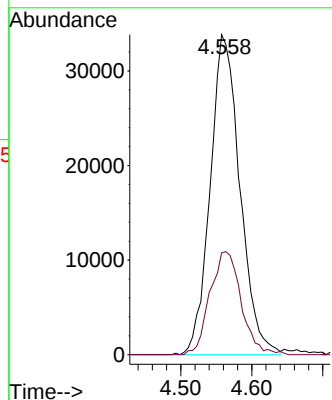
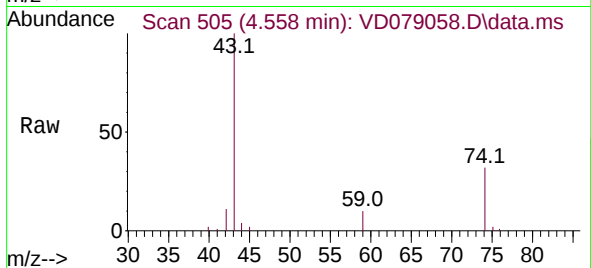
ClientSampleId :

Tgt Ion: 43 Resp: 98114

Ion Ratio Lower Upper

43 100

74 33.3 23.8 35.6



#16

Methylene chloride

Concen: 65.793 ug/L

RT: 4.799 min Scan# 546

Delta R.T. 0.006 min

Lab File: VD079058.D

Acq: 29 May 2024 11:11

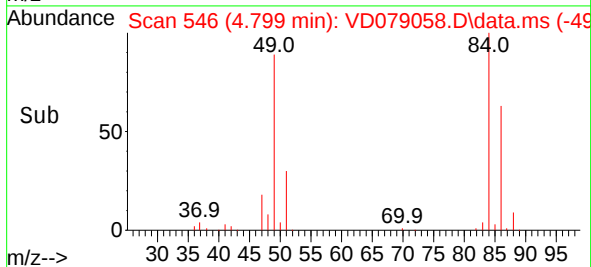
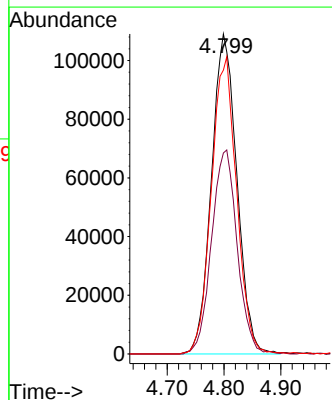
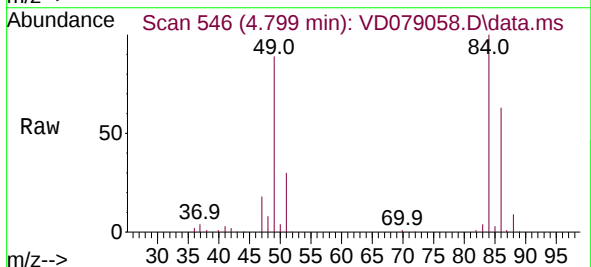
Tgt Ion: 84 Resp: 338985

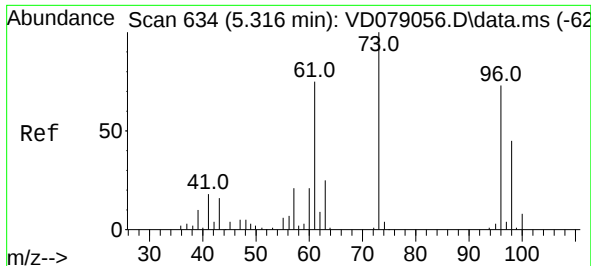
Ion Ratio Lower Upper

84 100

86 62.8 40.9 76.0

49 88.7 67.5 125.3





#17

trans-1,2-Dichloroethene

Concen: 92.148 ug/L

RT: 5.310 min Scan# 61

Delta R.T. -0.006 min

Lab File: VD079058.D

Acq: 29 May 2024 11:11

Instrument :

MSVOA_D

ClientSampleId :

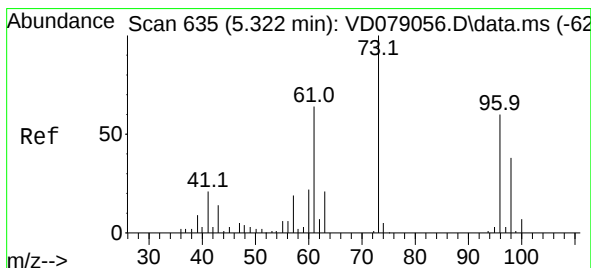
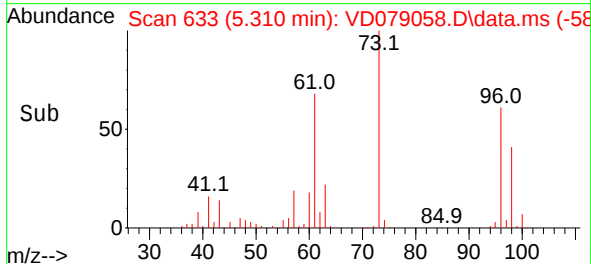
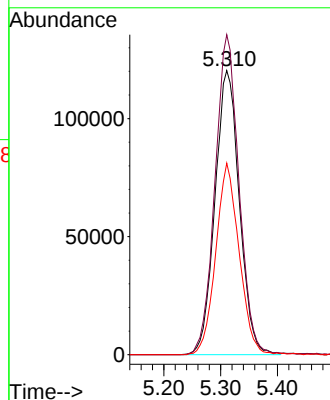
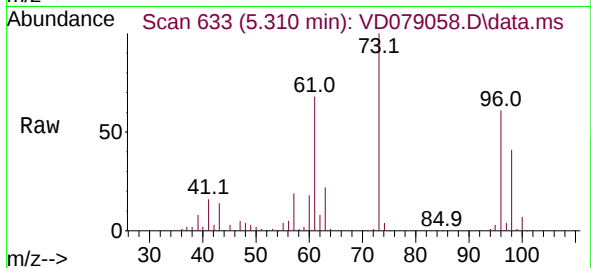
Tgt Ion: 96 Resp: 359101

Ion Ratio Lower Upper

96 100

61 112.6 71.9 133.5

98 67.4 42.6 79.2



#18

Methyl tert-butyl Ether

Concen: 86.226 ug/L

RT: 5.316 min Scan# 634

Delta R.T. -0.006 min

Lab File: VD079058.D

Acq: 29 May 2024 11:11

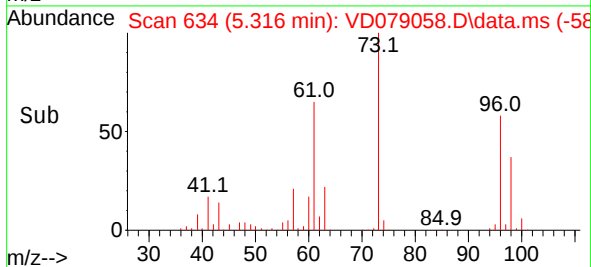
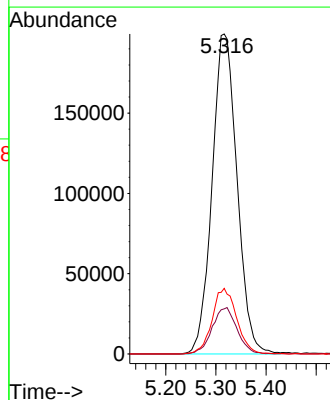
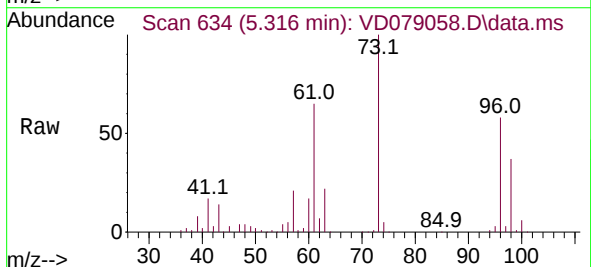
Tgt Ion: 73 Resp: 690328

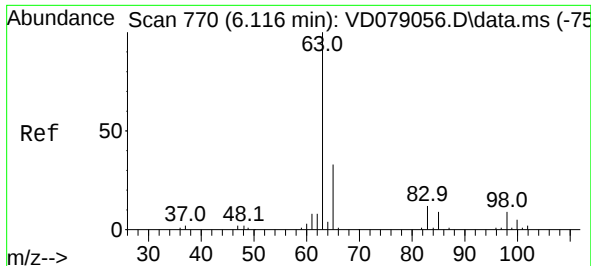
Ion Ratio Lower Upper

73 100

43 14.5 12.0 18.0

57 20.0 9.6 14.4#





#19

1,1-Dichloroethane

Concen: 81.200 ug/L

RT: 6.110 min Scan# 7

Delta R.T. -0.006 min

Lab File: VD079058.D

Acq: 29 May 2024 11:11

Instrument :

MSVOA_D

ClientSampleId :

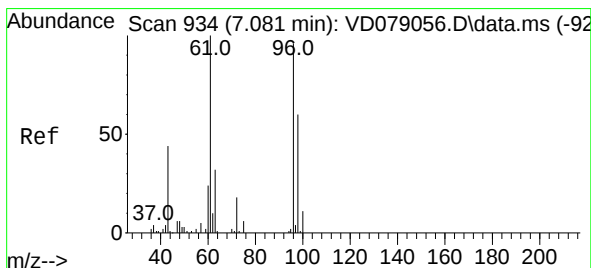
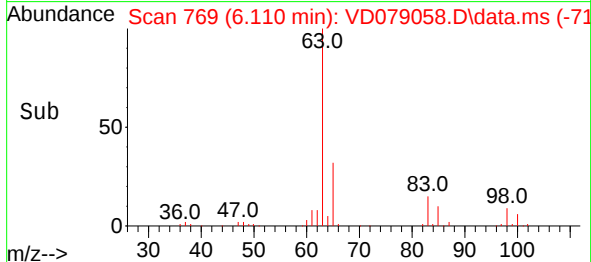
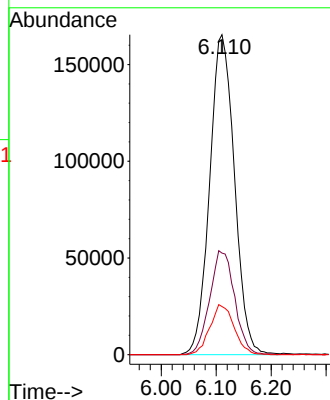
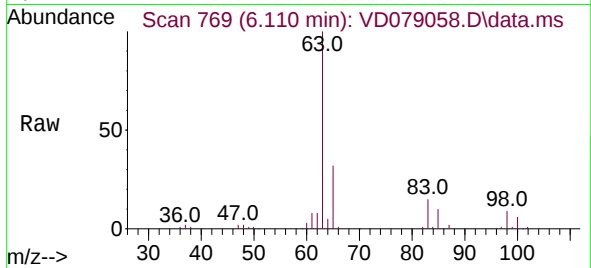
Tgt Ion: 63 Resp: 519095

Ion Ratio Lower Upper

63 100

65 31.7 22.8 42.4

83 15.0 8.6 16.0



#20

cis-1,2-Dichloroethene

Concen: 89.808 ug/L

RT: 7.081 min Scan# 934

Delta R.T. 0.000 min

Lab File: VD079058.D

Acq: 29 May 2024 11:11

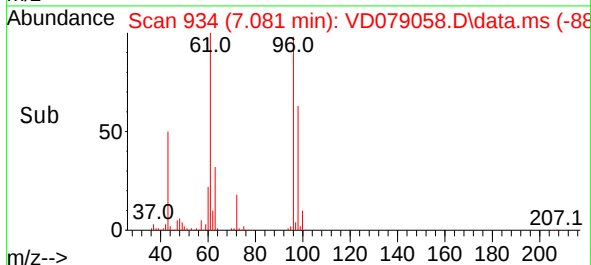
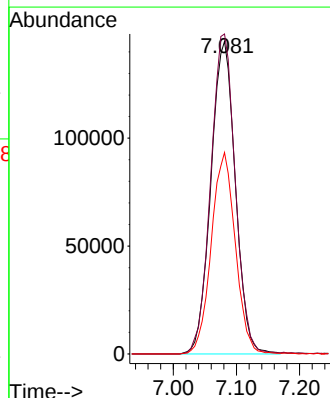
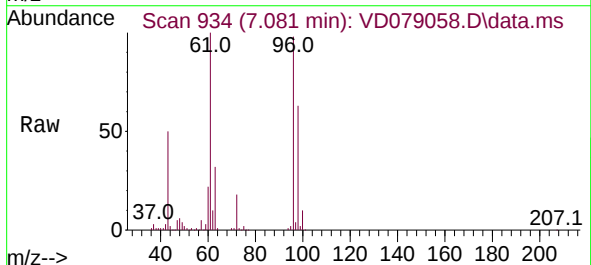
Tgt Ion: 96 Resp: 390118

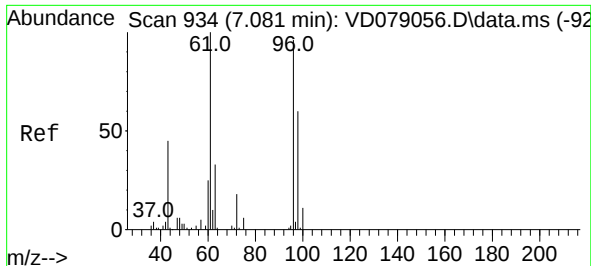
Ion Ratio Lower Upper

96 100

61 102.3 72.6 134.8

98 64.4 43.8 81.3





#22

2-Butanone

Concen: 190.063 ug/L

RT: 7.081 min Scan# 934

Delta R.T. 0.000 min

Lab File: VD079058.D

Acq: 29 May 2024 11:11

Instrument :

MSVOA_D

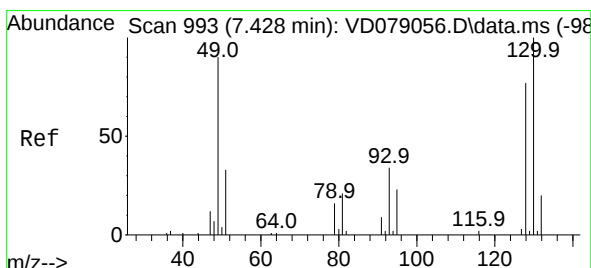
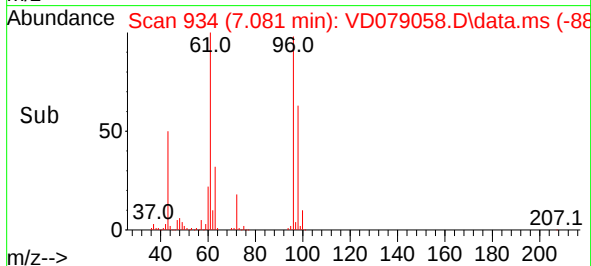
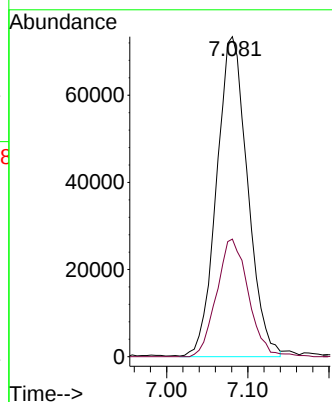
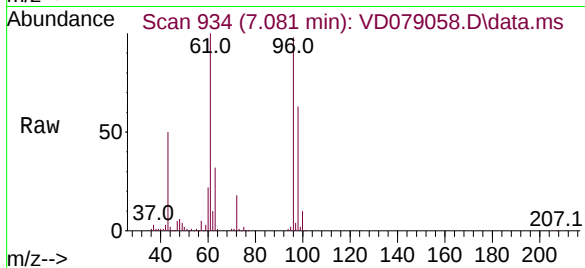
ClientSampleId :

Tgt Ion: 43 Resp: 194879

Ion Ratio Lower Upper

43 100

72 37.3 19.3 57.8



#23

Bromochloromethane

Concen: 80.587 ug/L

RT: 7.428 min Scan# 993

Delta R.T. 0.000 min

Lab File: VD079058.D

Acq: 29 May 2024 11:11

Tgt Ion:128 Resp: 175362

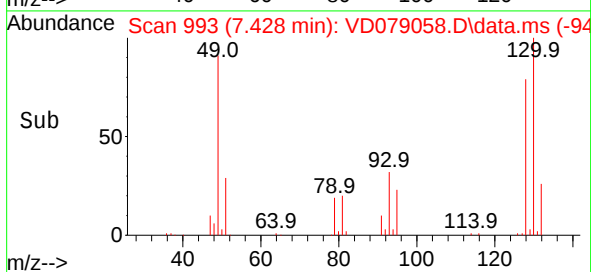
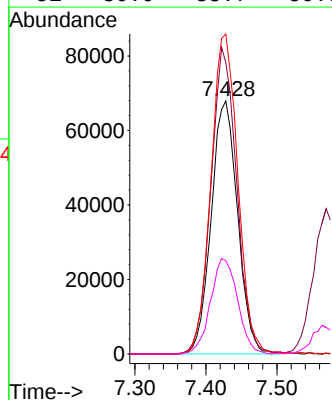
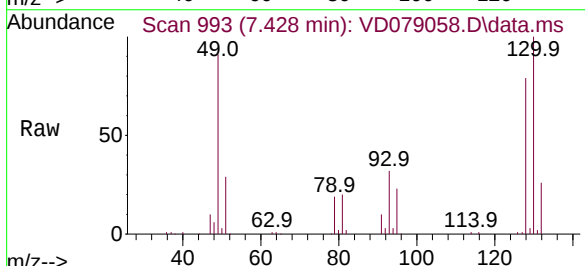
Ion Ratio Lower Upper

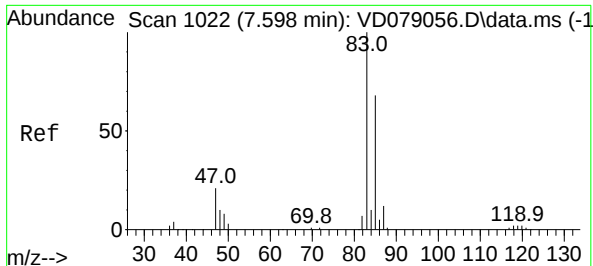
128 100

49 115.2 81.8 151.8

130 126.5 90.4 167.8

51 36.9 33.7 50.5





#25

Chloroform

Concen: 78.633 ug/L

RT: 7.593 min Scan# 110

Delta R.T. -0.006 min

Lab File: VD079058.D

Acq: 29 May 2024 11:11

Instrument :

MSVOA_D

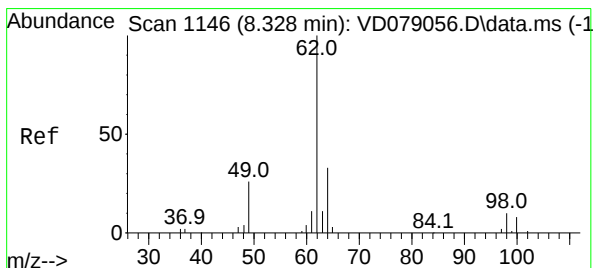
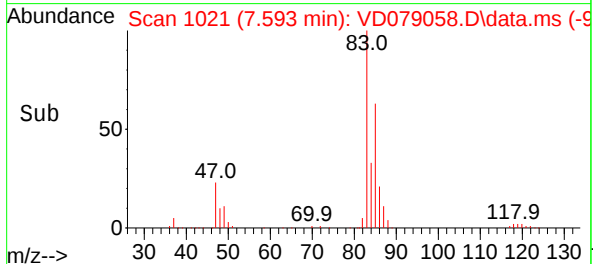
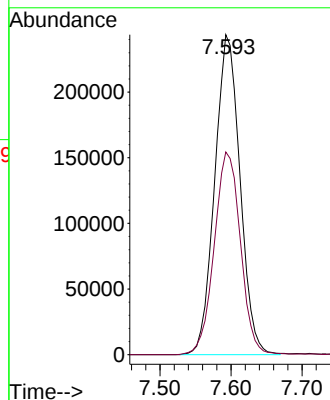
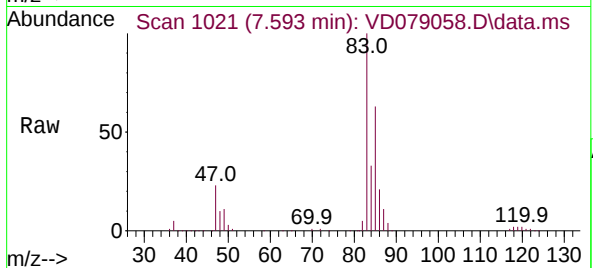
ClientSampleId :

Tgt Ion: 83 Resp: 601759

Ion Ratio Lower Upper

83 100

85 63.4 47.9 89.1



#27

1,2-Dichloroethane

Concen: 79.610 ug/L

RT: 8.322 min Scan# 1145

Delta R.T. -0.006 min

Lab File: VD079058.D

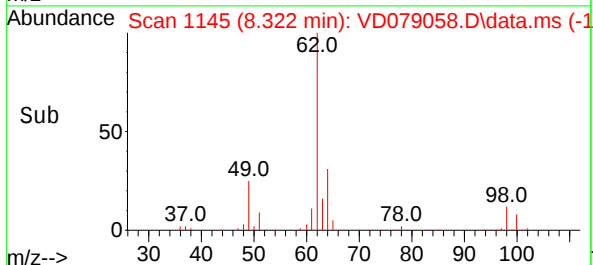
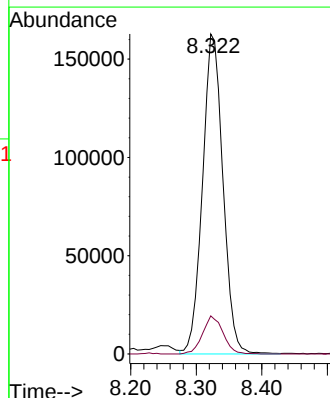
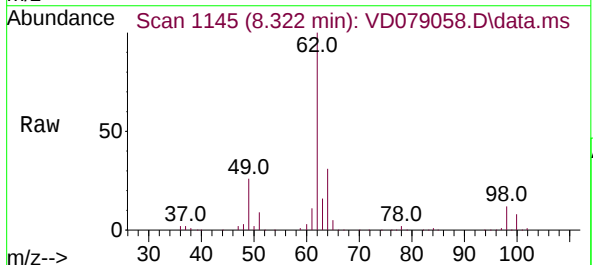
Acq: 29 May 2024 11:11

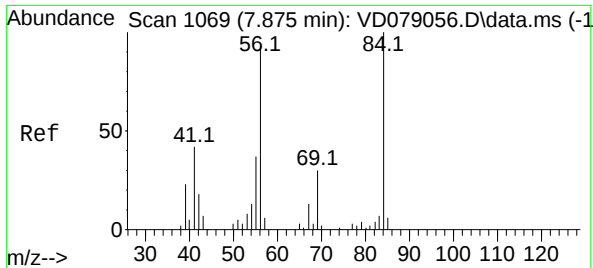
Tgt Ion: 62 Resp: 353816

Ion Ratio Lower Upper

62 100

98 11.9 8.2 12.4





#29

Cyclohexane

Concen: 109.037 ug/L

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD079058.D

Acq: 29 May 2024 11:11

Instrument :

MSVOA_D

ClientSampleId :

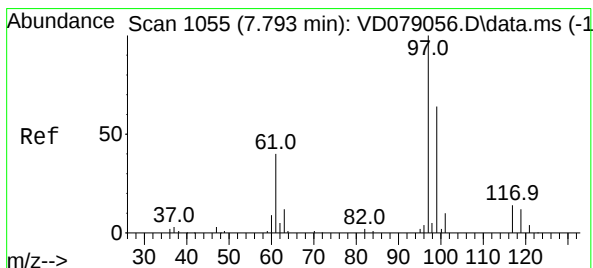
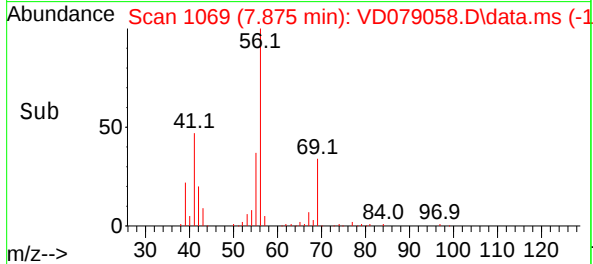
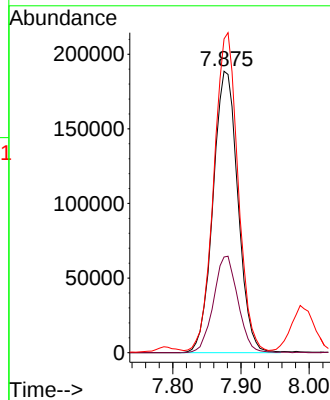
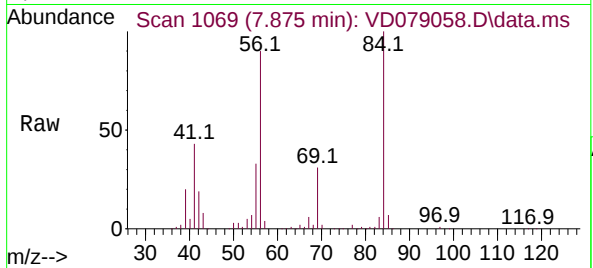
Tgt Ion: 56 Resp: 478886

Ion Ratio Lower Upper

56 100

69 33.6 26.6 40.0

84 110.6 87.5 131.3



#30

1,1,1-Trichloroethane

Concen: 85.009 ug/L

RT: 7.793 min Scan# 1055

Delta R.T. 0.000 min

Lab File: VD079058.D

Acq: 29 May 2024 11:11

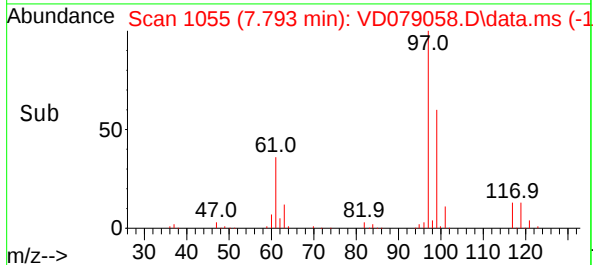
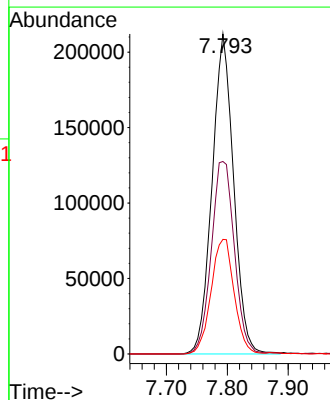
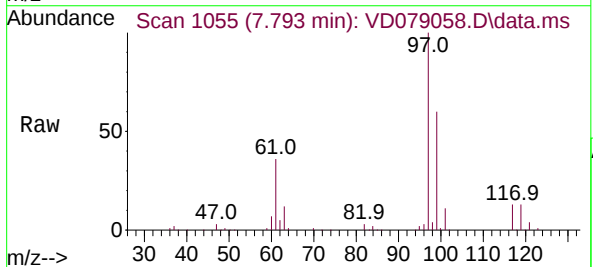
Tgt Ion: 97 Resp: 520995

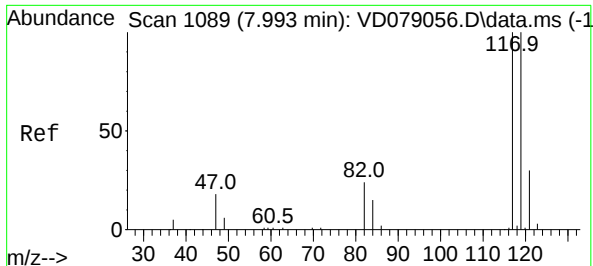
Ion Ratio Lower Upper

97 100

99 64.5 52.3 78.5

61 38.3 31.7 47.5

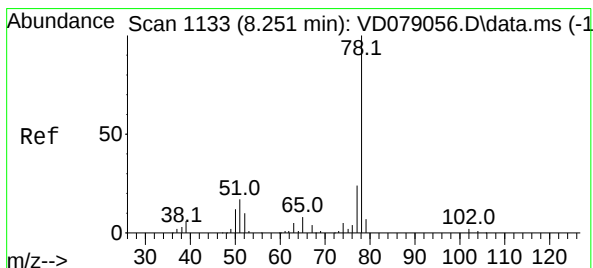
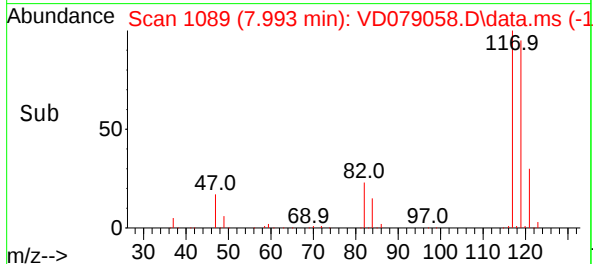
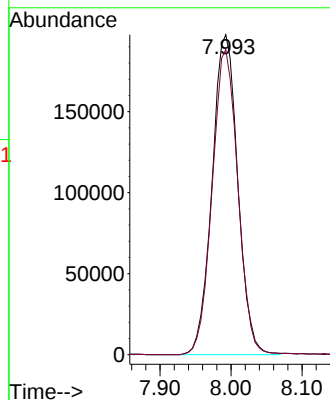
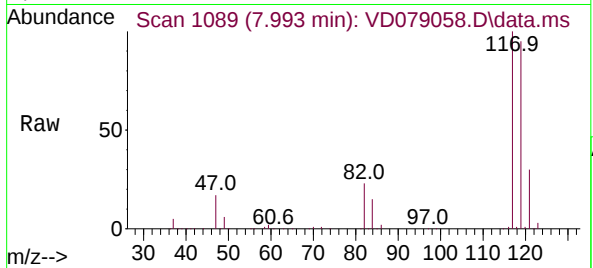




#31
Carbon tetrachloride
Concen: 87.751 ug/L
RT: 7.993 min Scan# 1108
Delta R.T. 0.000 min
Lab File: VD079058.D
Acq: 29 May 2024 11:11

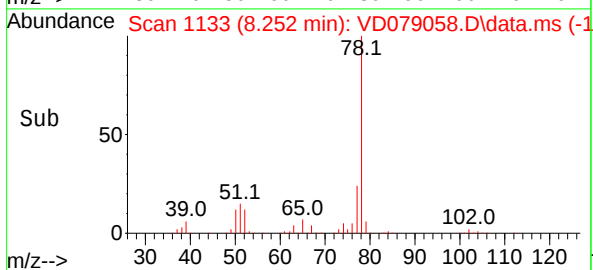
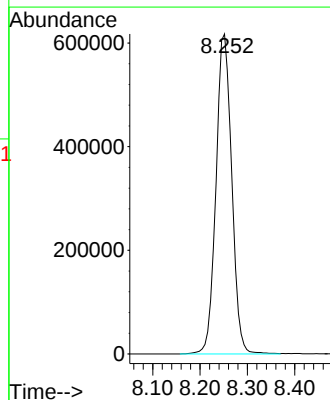
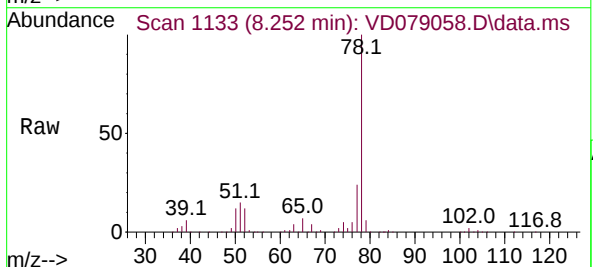
Instrument :
MSVOA_D
ClientSampleId :

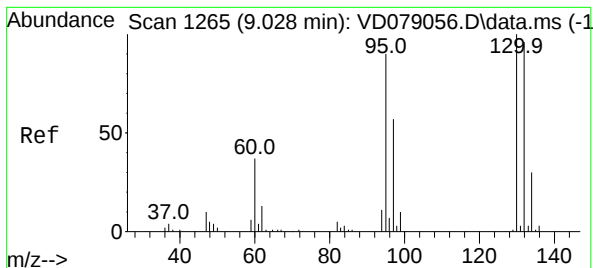
Tgt Ion:117 Resp: 495632
Ion Ratio Lower Upper
117 100
119 95.3 79.6 119.4



#33
Benzene
Concen: 93.530 ug/L
RT: 8.252 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VD079058.D
Acq: 29 May 2024 11:11

Tgt Ion: 78 Resp: 1428397





#34

Trichloroethene

Concen: 91.458 ug/L

RT: 9.028 min Scan# 1265

Delta R.T. 0.000 min

Lab File: VD079058.D

Acq: 29 May 2024 11:11

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 95 Resp: 360485

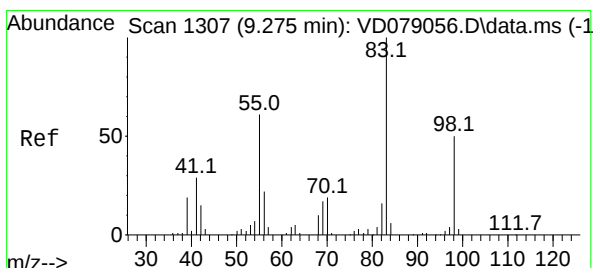
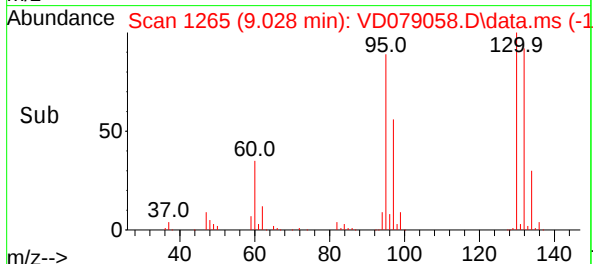
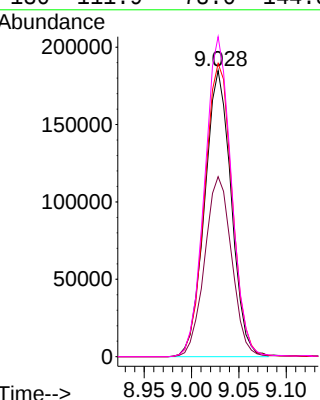
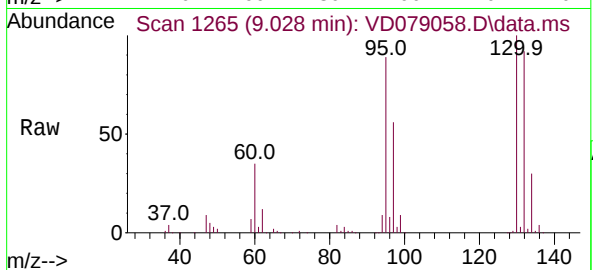
Ion Ratio Lower Upper

95 100

97 62.9 44.6 82.8

132 102.5 74.9 139.1

130 111.9 78.0 144.8



#35

Methylcyclohexane

Concen: 109.234 ug/L

RT: 9.275 min Scan# 1307

Delta R.T. 0.000 min

Lab File: VD079058.D

Acq: 29 May 2024 11:11

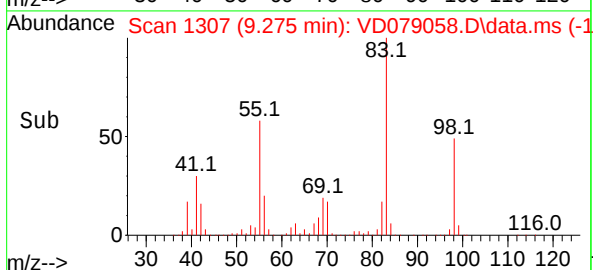
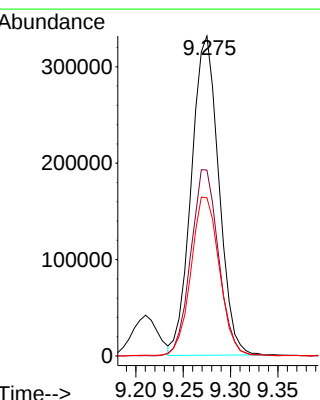
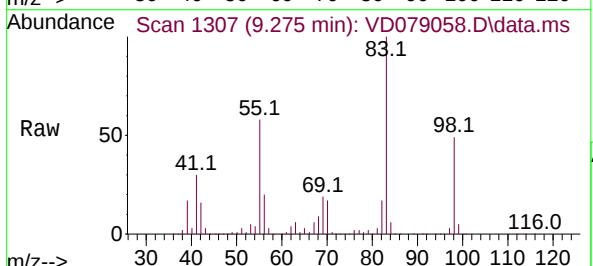
Tgt Ion: 83 Resp: 665559

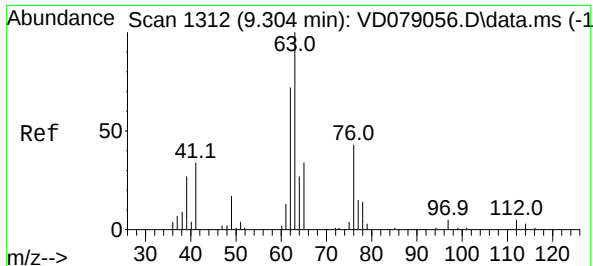
Ion Ratio Lower Upper

83 100

55 58.8 48.6 72.8

98 51.7 40.2 60.2

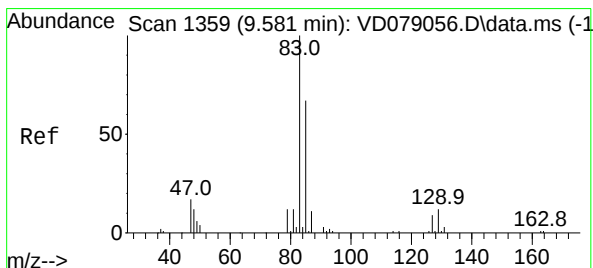
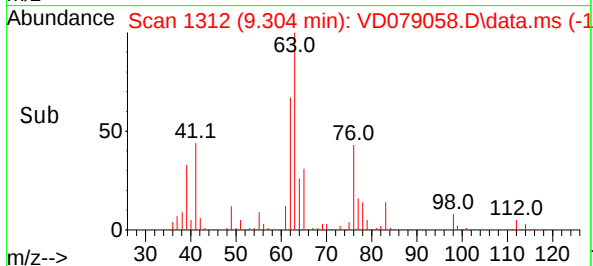
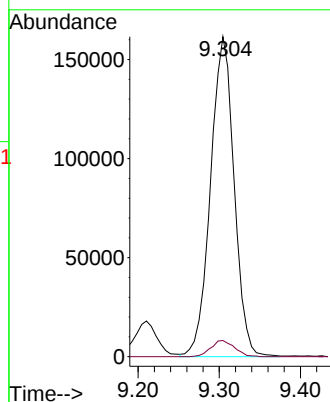
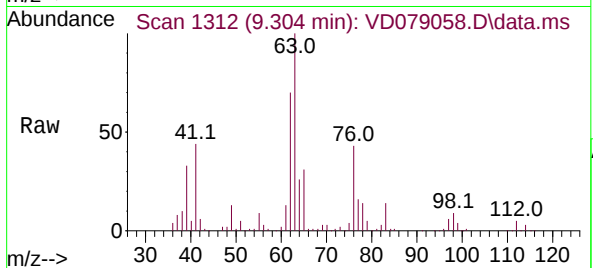




#37
1,2-Dichloropropane
Concen: 85.249 ug/L
RT: 9.304 min Scan# 1312
Delta R.T. 0.000 min
Lab File: VD079058.D
Acq: 29 May 2024 11:11

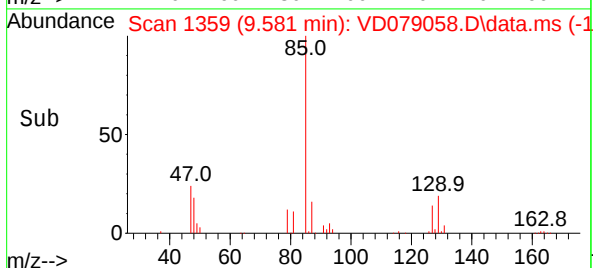
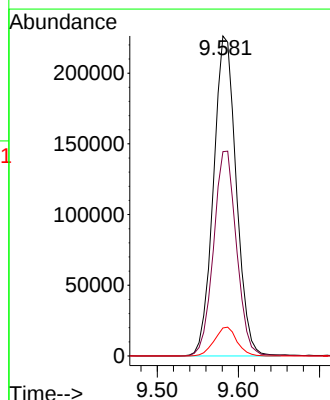
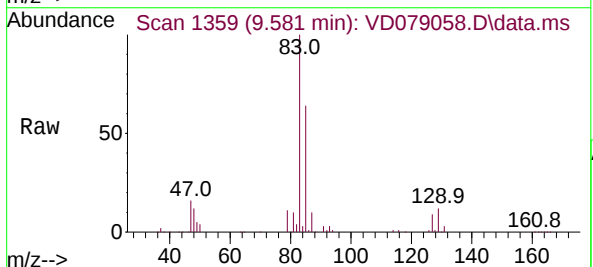
Instrument :
MSVOA_D
ClientSampleId :

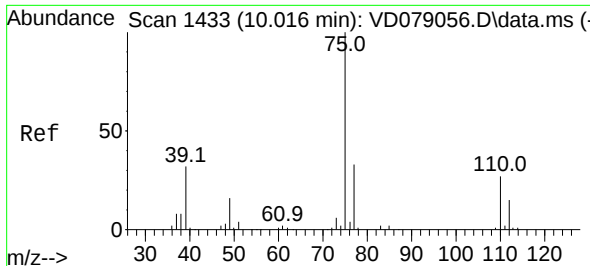
Tgt Ion: 63 Resp: 326424
Ion Ratio Lower Upper
63 100
112 5.1 3.9 5.9



#38
Bromodichloromethane
Concen: 82.258 ug/L
RT: 9.581 min Scan# 1359
Delta R.T. 0.000 min
Lab File: VD079058.D
Acq: 29 May 2024 11:11

Tgt Ion: 83 Resp: 441565
Ion Ratio Lower Upper
83 100
85 63.8 46.5 86.5
127 8.7 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 95.540 ug/L

RT: 10.016 min Scan# 1433

Delta R.T. 0.000 min

Lab File: VD079058.D

Acq: 29 May 2024 11:11

Instrument :

MSVOA_D

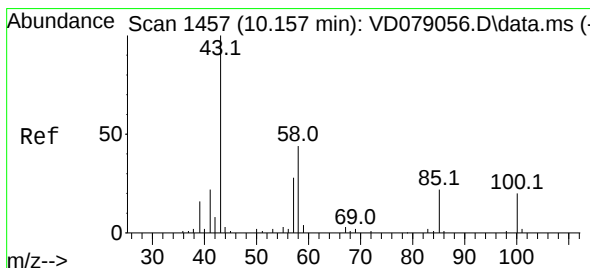
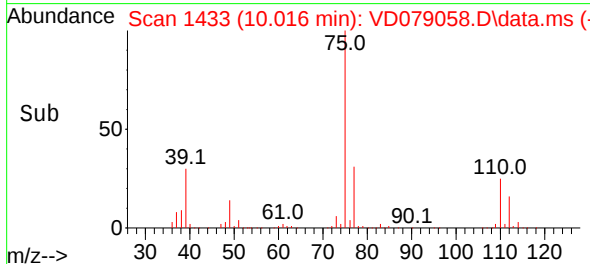
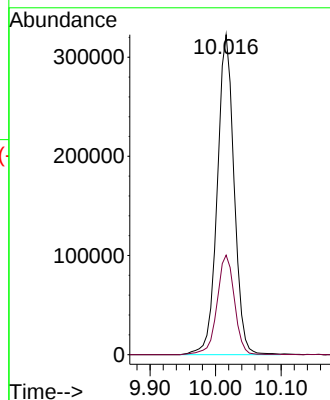
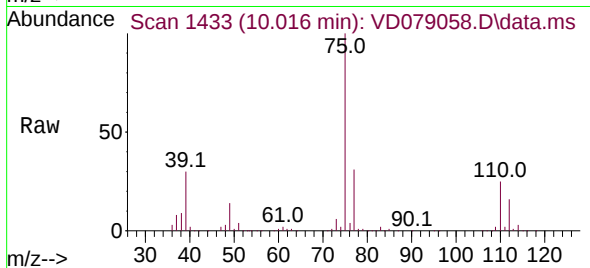
ClientSampleId :

Tgt Ion: 75 Resp: 573169

Ion Ratio Lower Upper

75 100

77 31.1 23.4 43.4



#40

4-Methyl-2-pentanone

Concen: 160.685 ug/L

RT: 10.157 min Scan# 1457

Delta R.T. 0.000 min

Lab File: VD079058.D

Acq: 29 May 2024 11:11

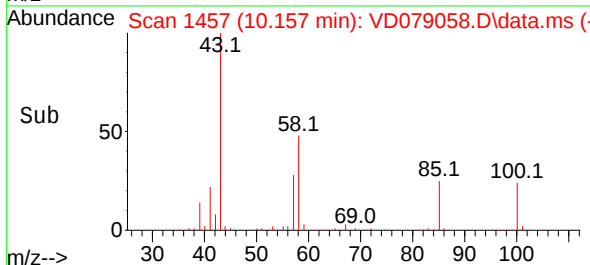
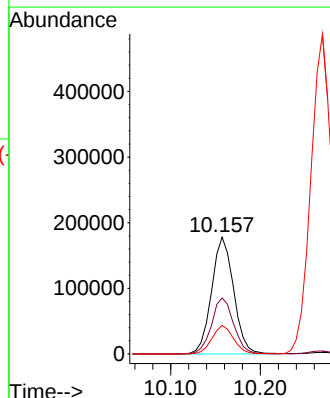
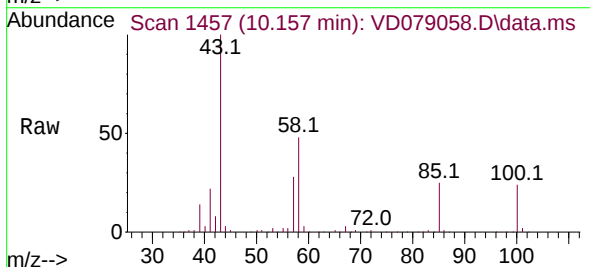
Tgt Ion: 43 Resp: 303719

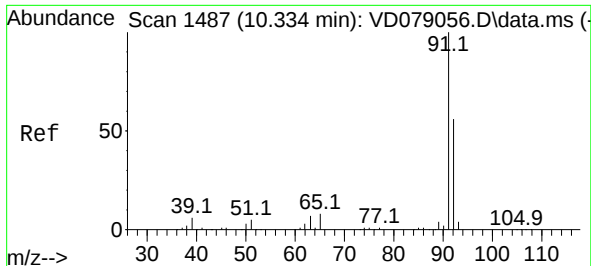
Ion Ratio Lower Upper

43 100

58 48.1 34.0 51.0

100 23.8 16.9 25.3

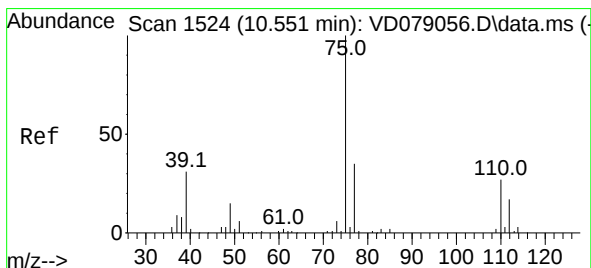
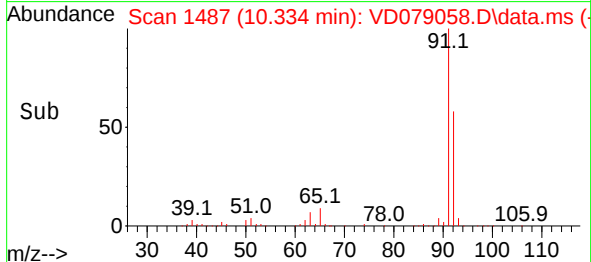
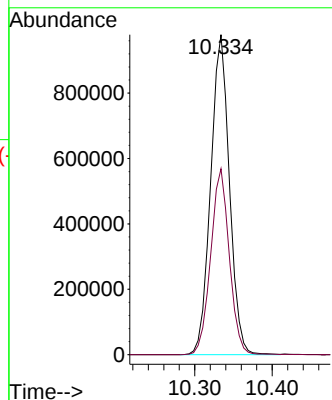
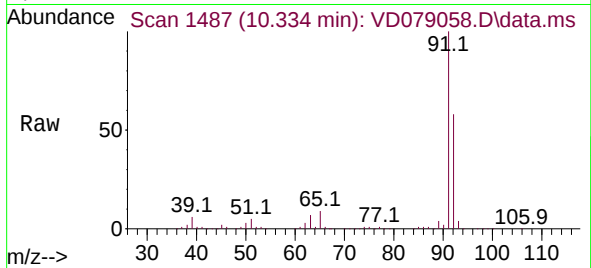




#42
Toluene
Concen: 97.326 ug/L
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD079058.D
Acq: 29 May 2024 11:11

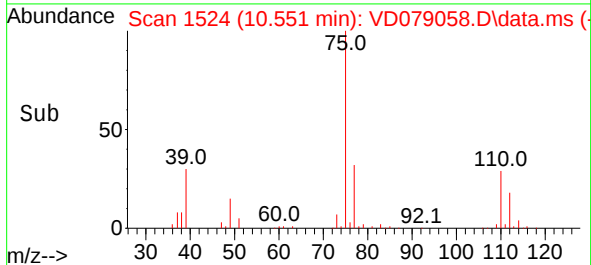
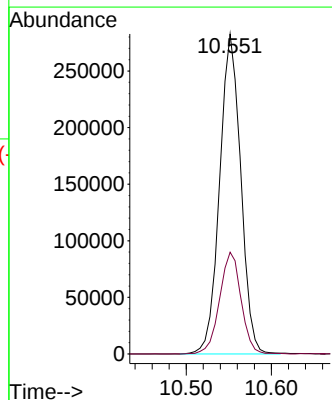
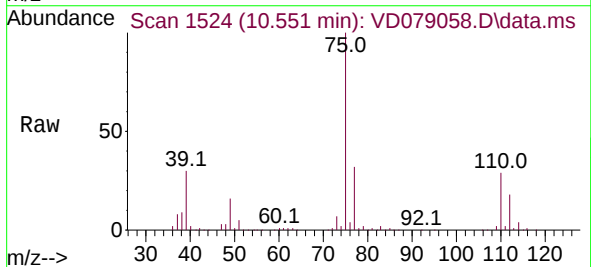
Instrument :
MSVOA_D
ClientSampleId :

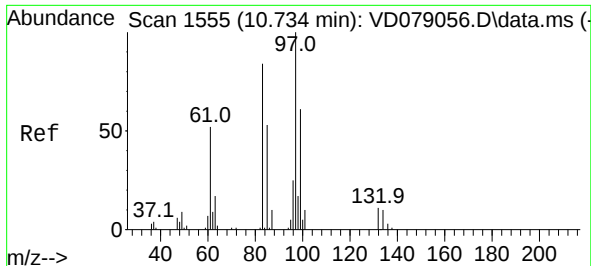
Tgt Ion: 91 Resp: 1642416
Ion Ratio Lower Upper
91 100
92 58.1 38.9 72.3



#44
trans-1,3-Dichloropropene
Concen: 92.005 ug/L
RT: 10.551 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VD079058.D
Acq: 29 May 2024 11:11

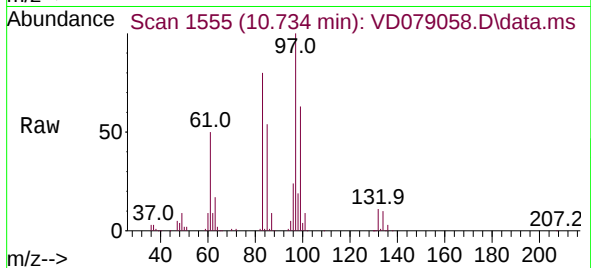
Tgt Ion: 75 Resp: 486386
Ion Ratio Lower Upper
75 100
77 31.8 24.3 45.1



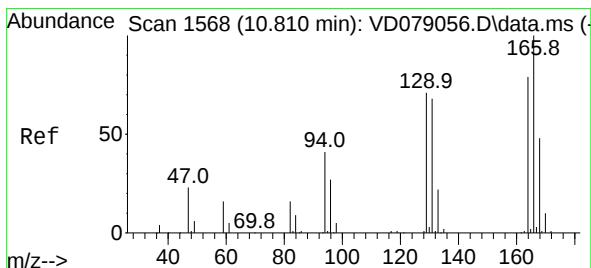
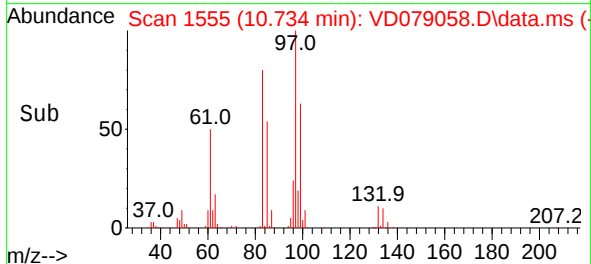
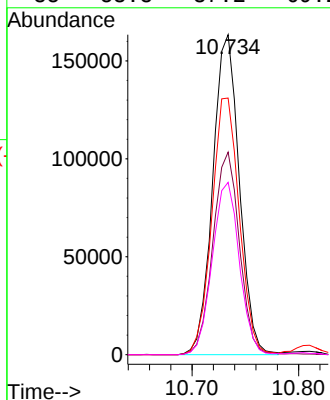


#45
1,1,2-Trichloroethane
Concen: 81.930 ug/L
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD079058.D
Acq: 29 May 2024 11:11

Instrument :
MSVOA_D
ClientSampleId :

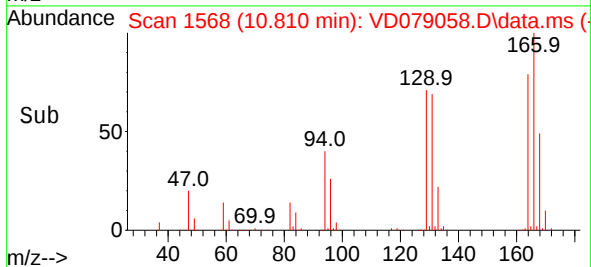
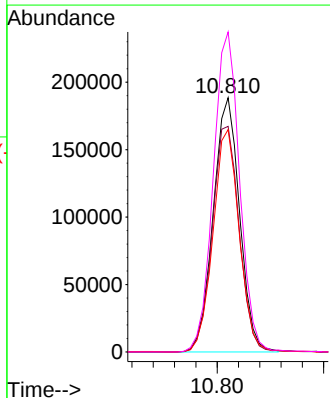
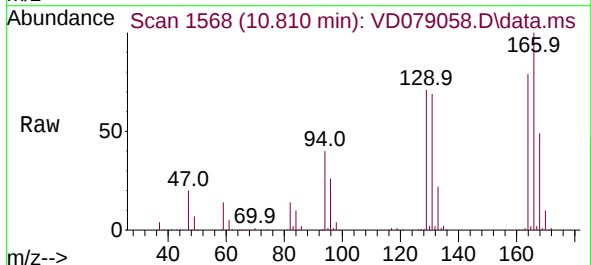


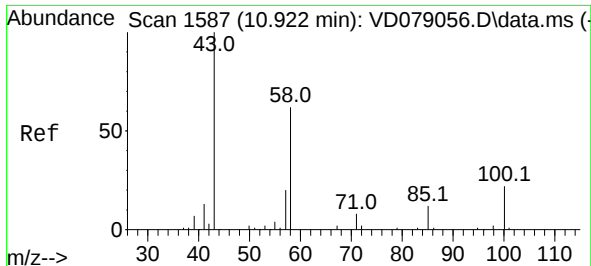
Tgt Ion:	97	Resp:	282763
Ion	Ratio	Lower	Upper
97	100		
99	63.3	43.0	79.8
83	80.2	58.9	109.5
85	53.8	37.2	69.2



#46
Tetrachloroethene
Concen: 94.301 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD079058.D
Acq: 29 May 2024 11:11

Tgt Ion:	164	Resp:	323485
Ion	Ratio	Lower	Upper
164	100		
129	88.8	64.3	119.5
131	87.5	61.2	113.8
166	125.9	90.0	167.2

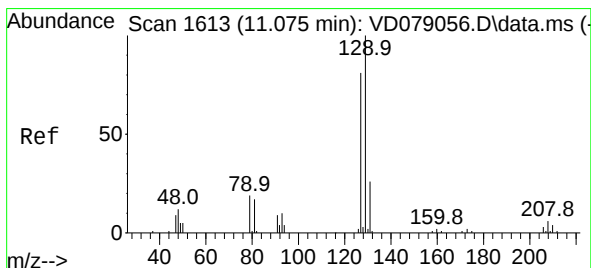
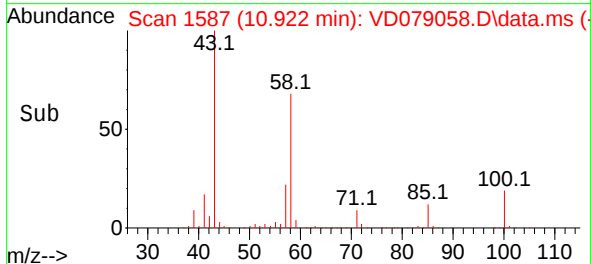
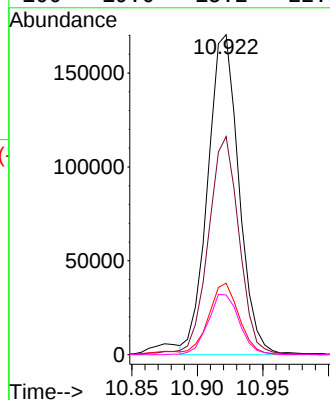
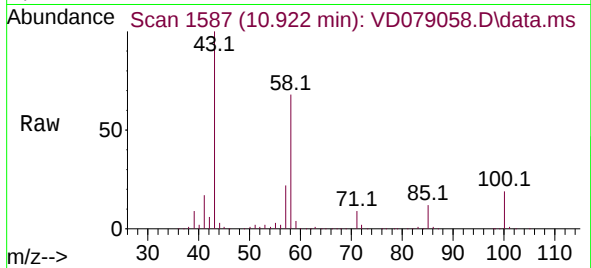




#48
2-Hexanone
Concen: 187.360 ug/L
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD079058.D
Acq: 29 May 2024 11:11

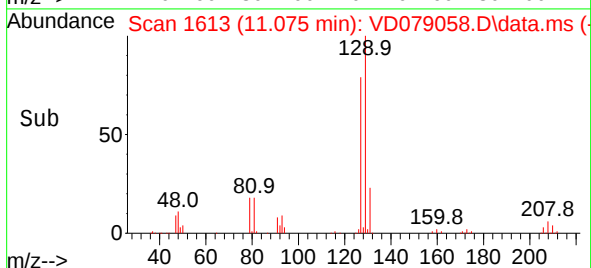
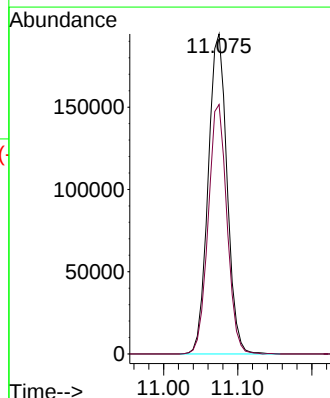
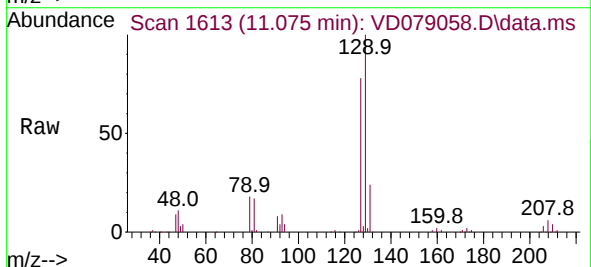
Instrument :
MSVOA_D
ClientSampleId :

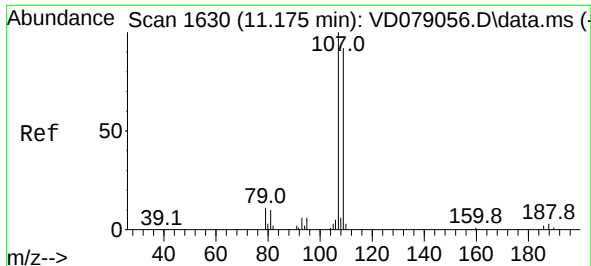
Tgt Ion: 43 Resp: 281493
Ion Ratio Lower Upper
43 100
58 67.7 50.1 75.1
57 21.9 16.5 24.7
100 19.0 15.2 22.8



#49
Dibromochloromethane
Concen: 81.775 ug/L
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD079058.D
Acq: 29 May 2024 11:11

Tgt Ion:129 Resp: 344082
Ion Ratio Lower Upper
129 100
127 78.0 56.4 104.7





#50

1,2-Dibromoethane

Concen: 82.747 ug/L

RT: 11.181 min Scan# 1

Delta R.T. 0.006 min

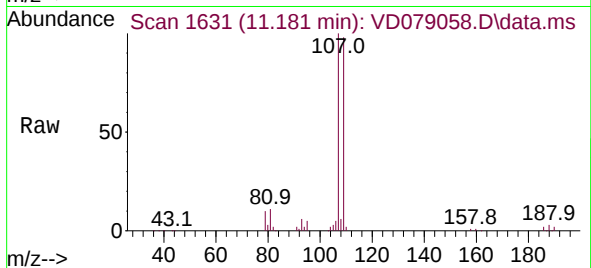
Lab File: VD079058.D

Acq: 29 May 2024 11:11

Instrument :

MSVOA_D

ClientSampleId :



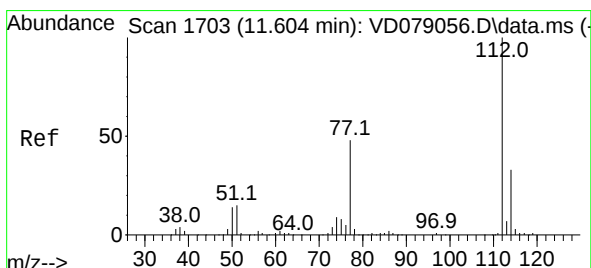
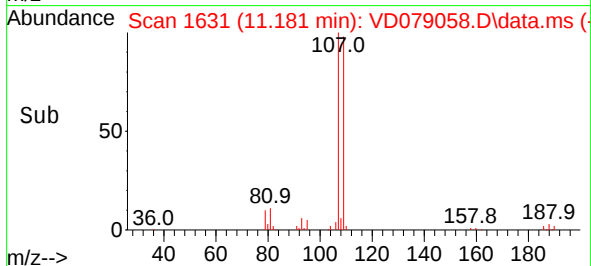
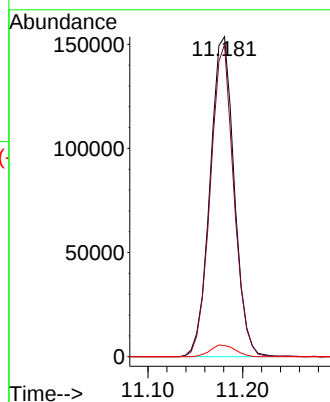
Tgt Ion:107 Resp: 272506

Ion Ratio Lower Upper

107 100

109 97.5 64.5 119.7

188 3.5 2.6 3.8



#51

Chlorobenzene

Concen: 89.331 ug/L

RT: 11.604 min Scan# 1703

Delta R.T. 0.000 min

Lab File: VD079058.D

Acq: 29 May 2024 11:11

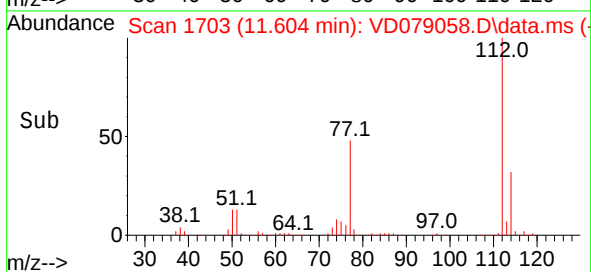
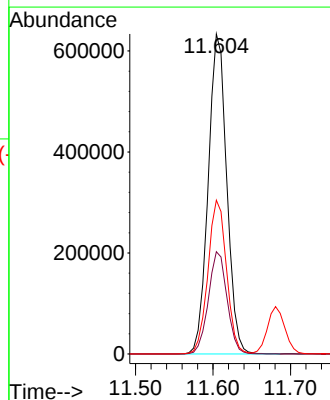
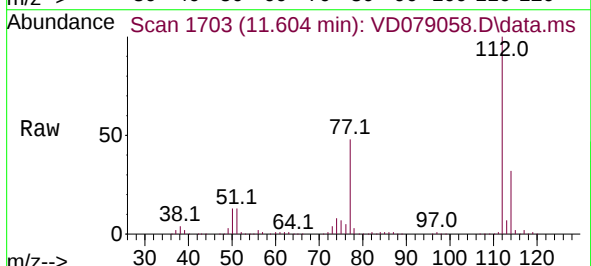
Tgt Ion:112 Resp: 1051792

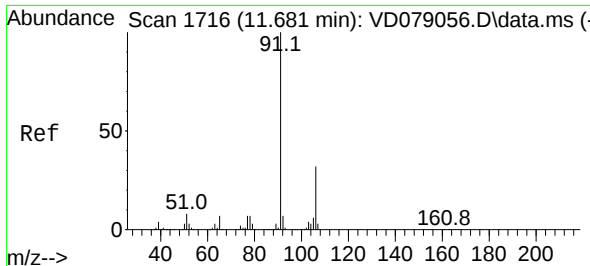
Ion Ratio Lower Upper

112 100

114 32.0 22.7 42.3

77 48.1 38.4 57.6





#52

Ethylbenzene

Concen: 100.315 ug/L

RT: 11.681 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VD079058.D

Acq: 29 May 2024 11:11

Instrument :

MSVOA_D

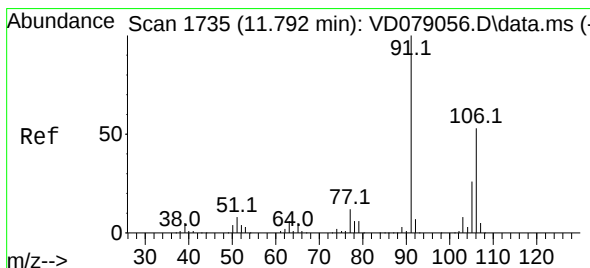
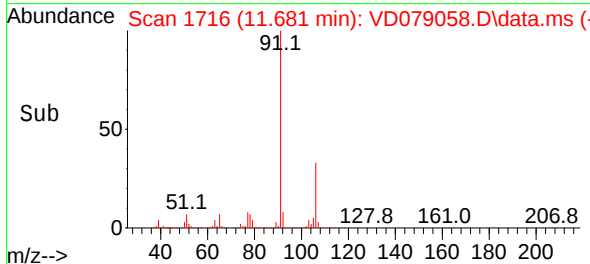
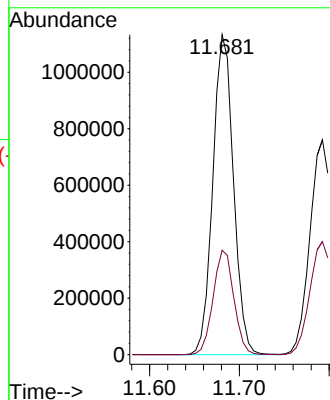
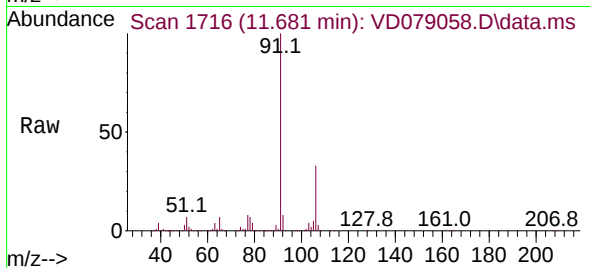
ClientSampleId :

Tgt Ion: 91 Resp: 1810011

Ion Ratio Lower Upper

91 100

106 32.6 22.3 41.5



#53

m,p-Xylene

Concen: 99.958 ug/L

RT: 11.793 min Scan# 1735

Delta R.T. 0.000 min

Lab File: VD079058.D

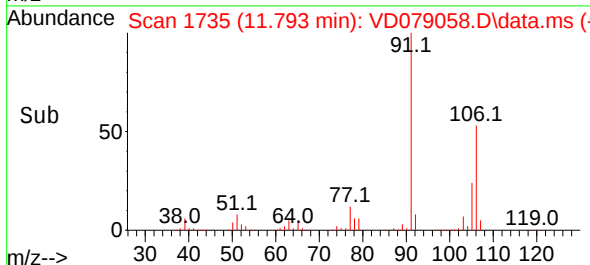
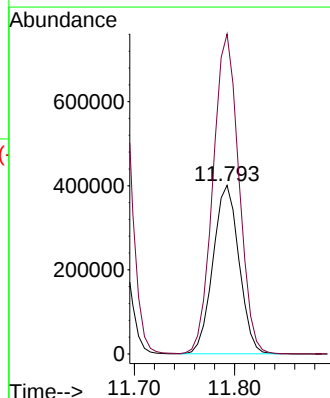
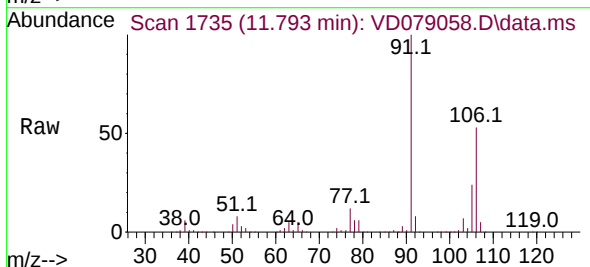
Acq: 29 May 2024 11:11

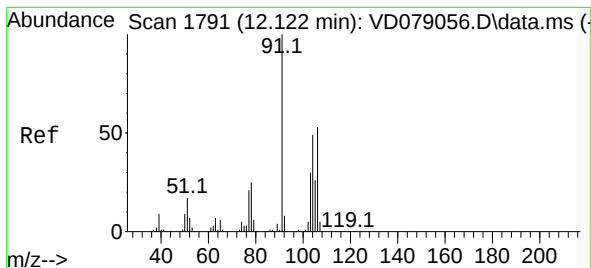
Tgt Ion:106 Resp: 722380

Ion Ratio Lower Upper

106 100

91 189.8 133.1 247.1

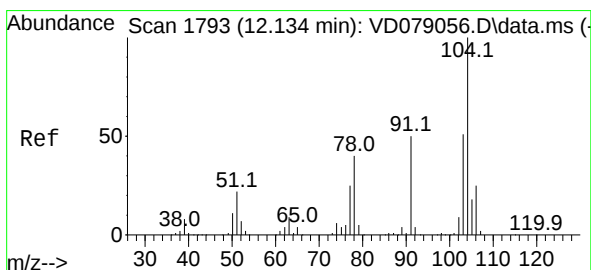
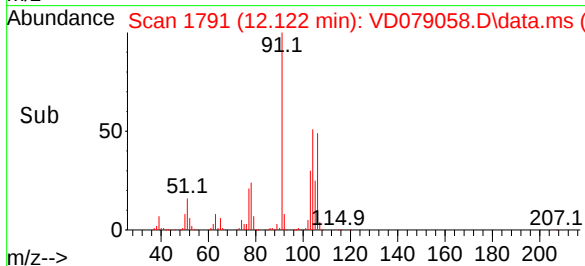
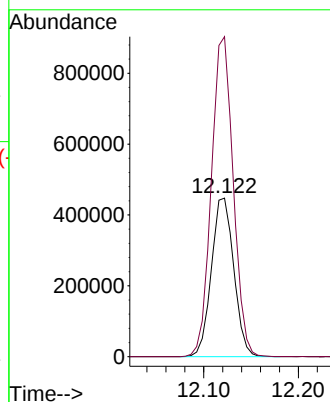
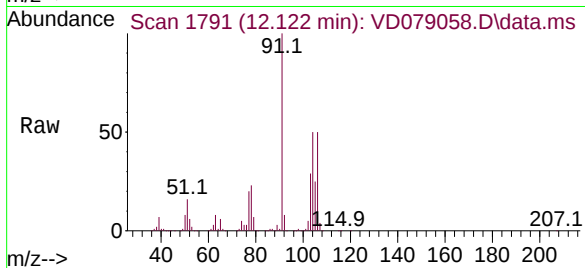




#54
o-Xylene
Concen: 104.182 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD079058.D
Acq: 29 May 2024 11:11

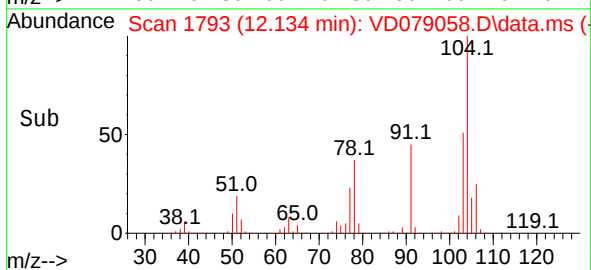
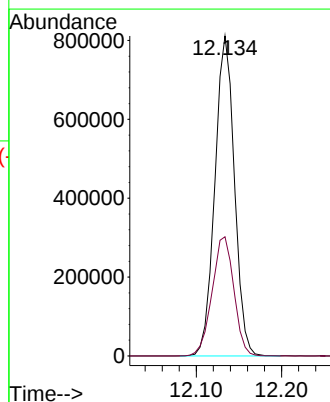
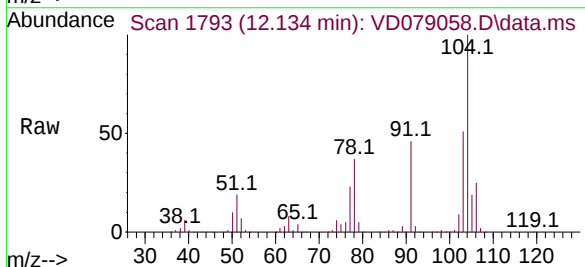
Instrument :
MSVOA_D
ClientSampleId :

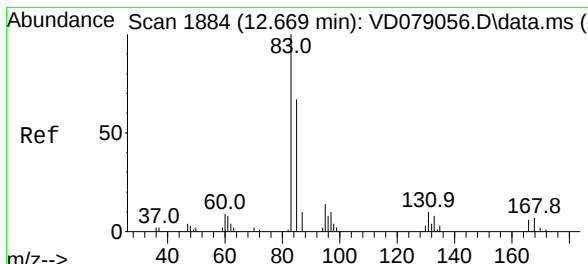
Tgt Ion:106 Resp: 735191
Ion Ratio Lower Upper
106 100
91 201.9 132.9 246.9



#55
Styrene
Concen: 104.917 ug/L
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD079058.D
Acq: 29 May 2024 11:11

Tgt Ion:104 Resp: 1292511
Ion Ratio Lower Upper
104 100
78 37.2 27.8 51.6

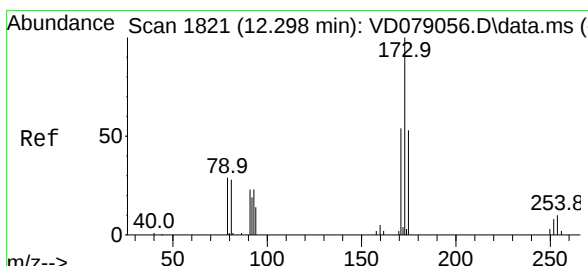
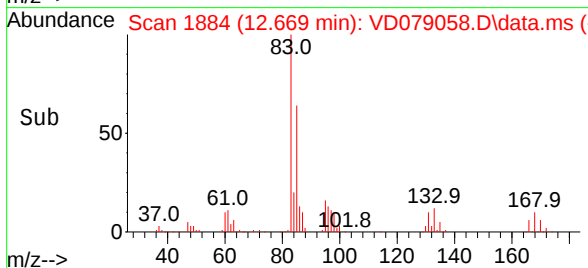
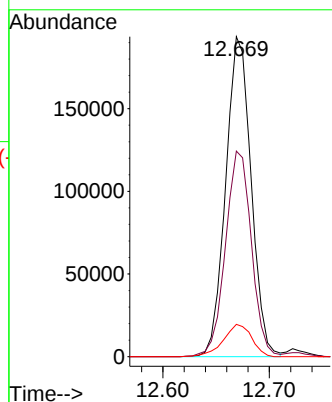
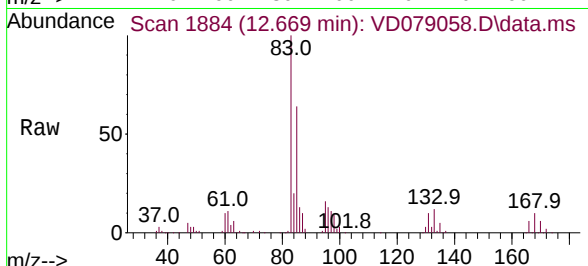




#57
1,1,2,2-Tetrachloroethane
Concen: 77.046 ug/L
RT: 12.669 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VD079058.D
Acq: 29 May 2024 11:11

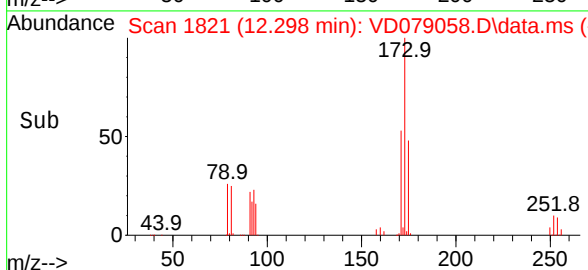
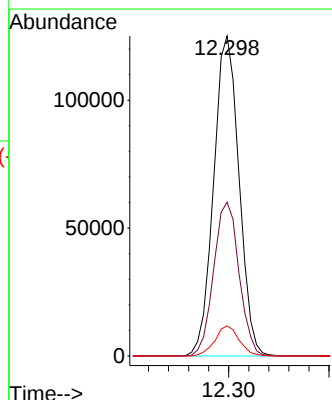
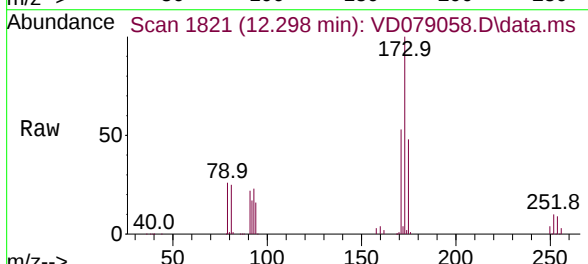
Instrument :
MSVOA_D
ClientSampleId :

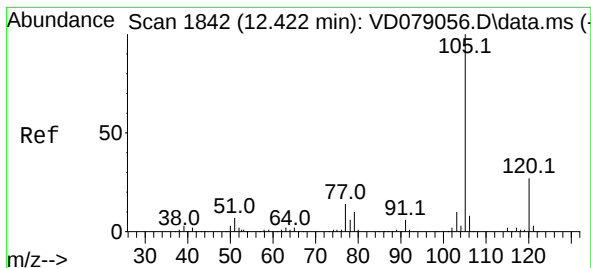
Tgt Ion: 83 Resp: 320861
Ion Ratio Lower Upper
83 100
85 64.3 47.5 88.1
131 10.1 8.6 13.0



#59
Bromoform
Concen: 80.192 ug/L
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD079058.D
Acq: 29 May 2024 11:11

Tgt Ion: 173 Resp: 219098
Ion Ratio Lower Upper
173 100
175 48.1 38.2 57.4
254 9.0 7.0 10.6





#60

Isopropylbenzene

Concen: 103.578 ug/L

RT: 12.422 min Scan# 1842

Delta R.T. 0.000 min

Lab File: VD079058.D

Acq: 29 May 2024 11:11

Instrument :

MSVOA_D

ClientSampleId :

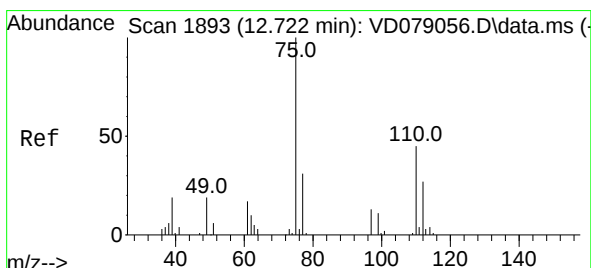
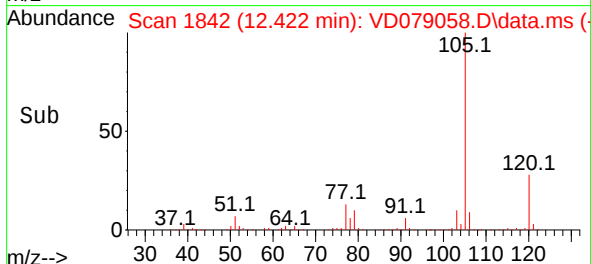
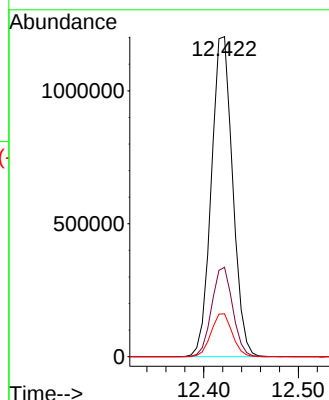
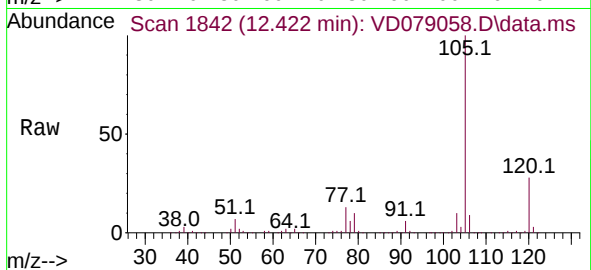
Tgt Ion:105 Resp: 1885687

Ion Ratio Lower Upper

105 100

120 27.6 21.9 32.9

77 13.4 10.9 16.3



#61

1,2,3-Trichloropropane

Concen: 74.052 ug/L

RT: 12.722 min Scan# 1893

Delta R.T. 0.000 min

Lab File: VD079058.D

Acq: 29 May 2024 11:11

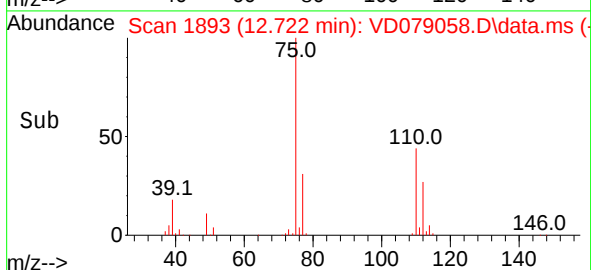
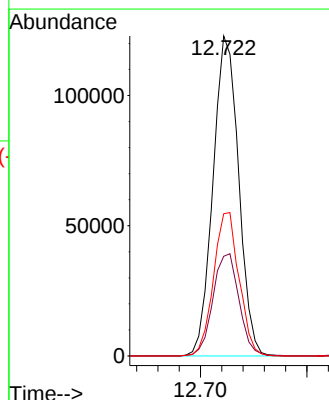
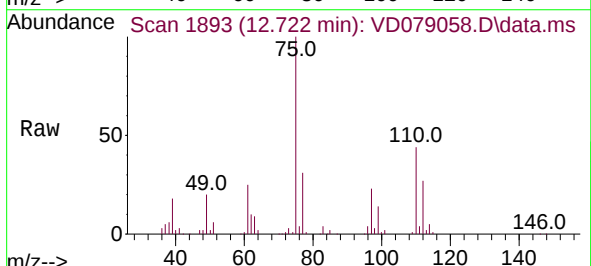
Tgt Ion: 75 Resp: 205099

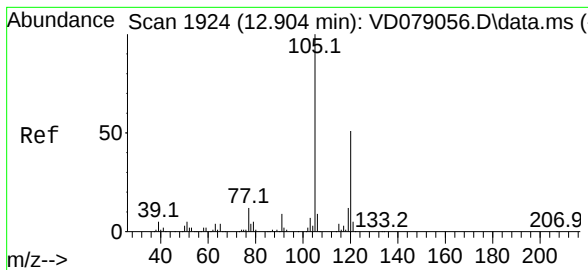
Ion Ratio Lower Upper

75 100

77 32.6 25.9 38.9

110 44.7 34.2 51.4

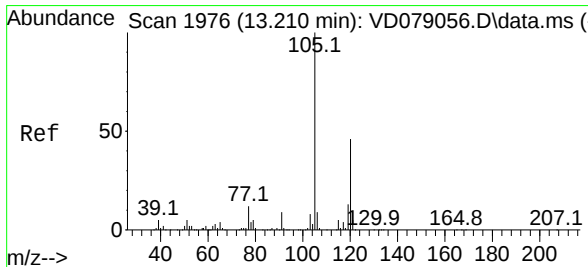
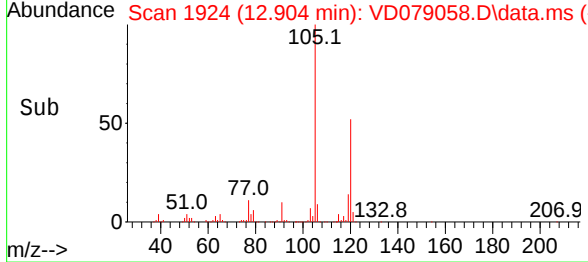
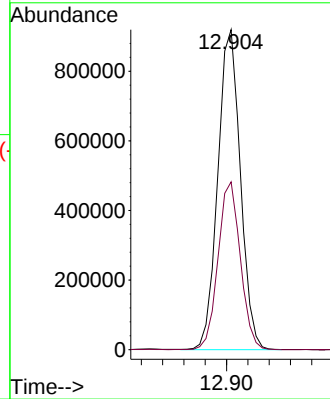
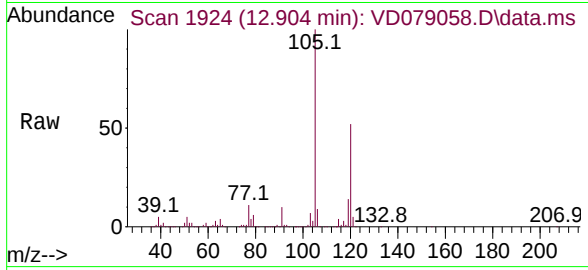




#62
1,3,5-Trimethylbenzene
Concen: 102.013 ug/L
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD079058.D
Acq: 29 May 2024 11:11

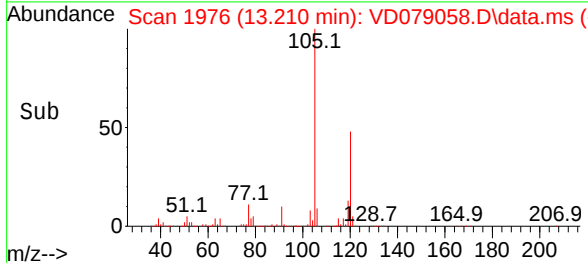
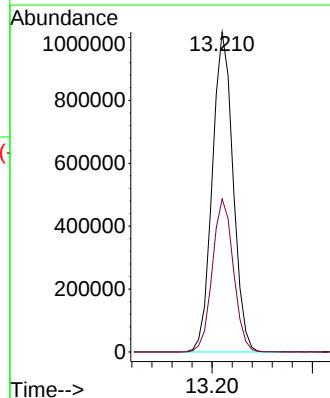
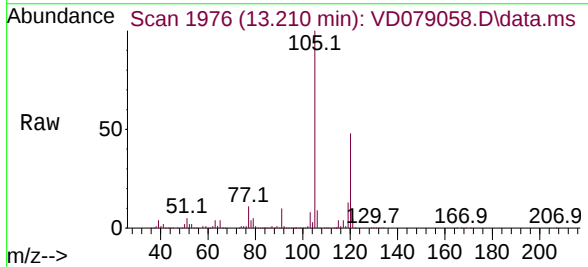
Instrument :
MSVOA_D
ClientSampleId :

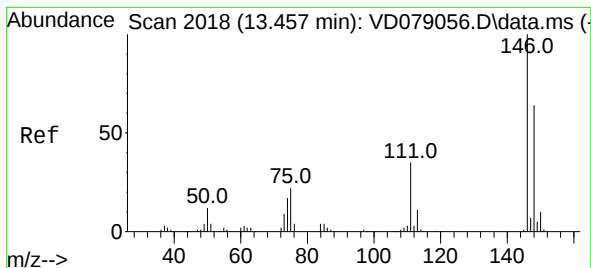
Tgt Ion:105 Resp: 1350921
Ion Ratio Lower Upper
105 100
120 51.8 40.7 61.1



#63
1,2,4-Trimethylbenzene
Concen: 107.411 ug/L
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD079058.D
Acq: 29 May 2024 11:11

Tgt Ion:105 Resp: 1463273
Ion Ratio Lower Upper
105 100
120 48.3 38.0 57.0





#64

1,3-Dichlorobenzene

Concen: 95.052 ug/L

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VD079058.D

Acq: 29 May 2024 11:11

Instrument :

MSVOA_D

ClientSampleId :

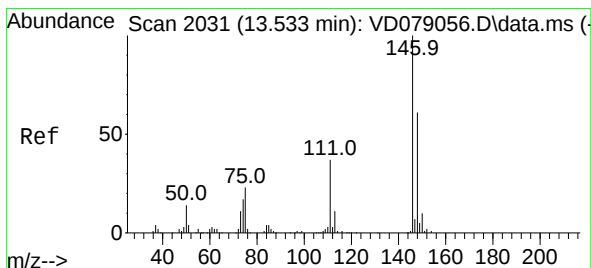
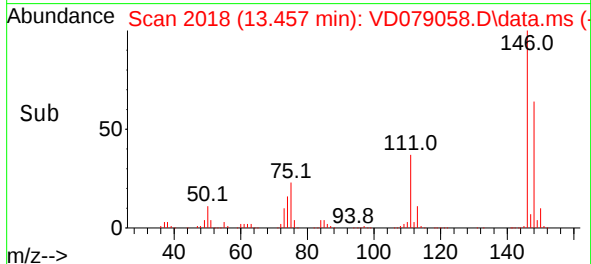
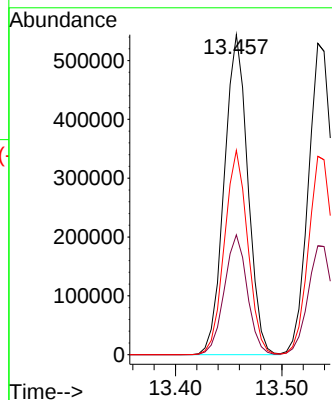
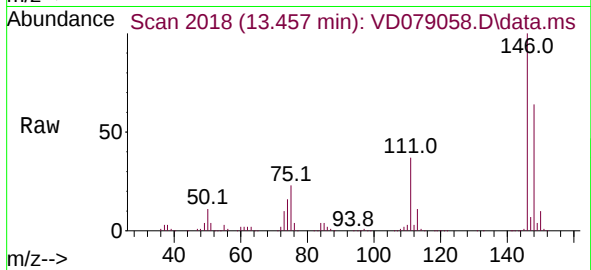
Tgt Ion:146 Resp: 837465

Ion Ratio Lower Upper

146 100

111 37.5 24.4 45.4

148 63.8 44.9 83.3



#65

1,4-Dichlorobenzene

Concen: 89.646 ug/L

RT: 13.534 min Scan# 2031

Delta R.T. 0.000 min

Lab File: VD079058.D

Acq: 29 May 2024 11:11

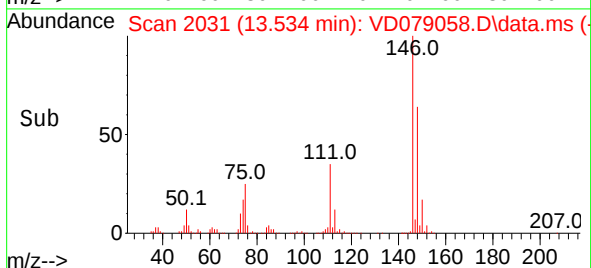
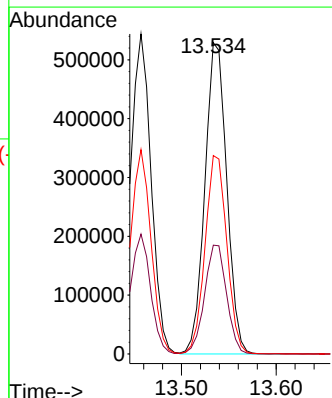
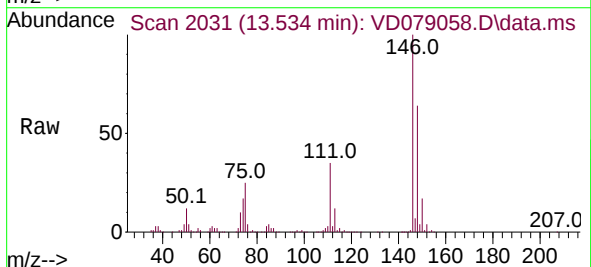
Tgt Ion:146 Resp: 849861

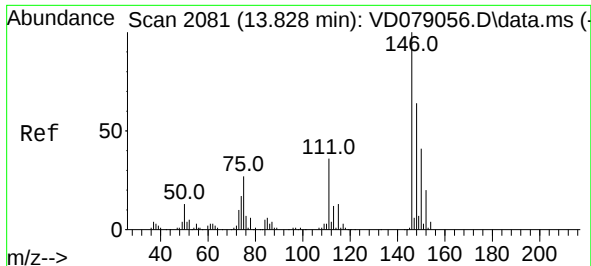
Ion Ratio Lower Upper

146 100

111 35.0 26.3 48.9

148 63.7 43.1 80.1





#67

1,2-Dichlorobenzene

Concen: 93.561 ug/L

RT: 13.828 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VD079058.D

Acq: 29 May 2024 11:11

Instrument :

MSVOA_D

ClientSampleId :

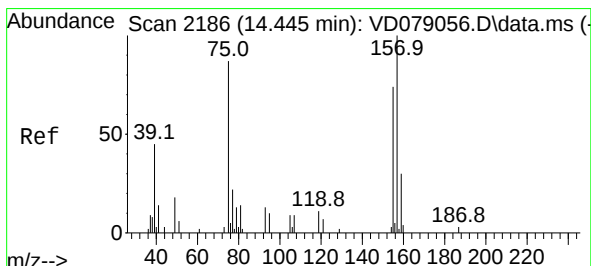
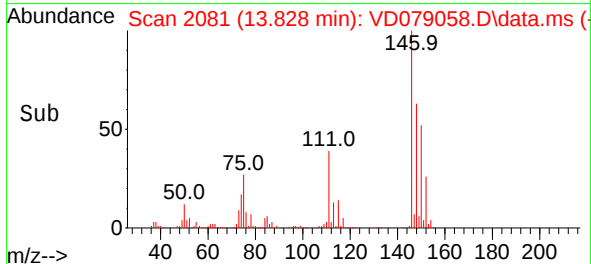
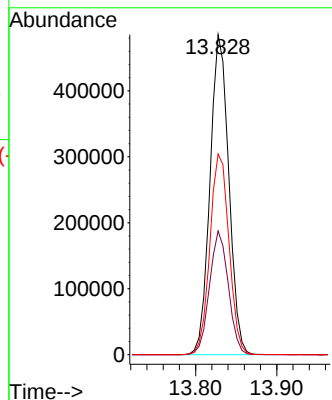
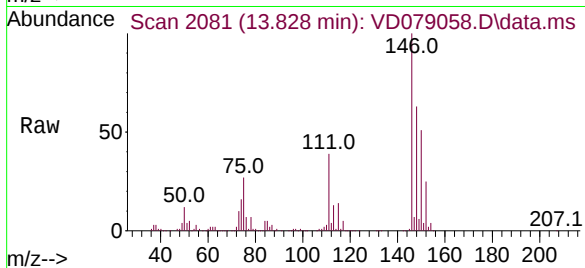
Tgt Ion:146 Resp: 777842

Ion Ratio Lower Upper

146 100

111 38.7 29.1 43.7

148 62.7 51.2 76.8



#68

1,2-Dibromo-3-chloropropane

Concen: 75.065 ug/L

RT: 14.445 min Scan# 2186

Delta R.T. 0.000 min

Lab File: VD079058.D

Acq: 29 May 2024 11:11

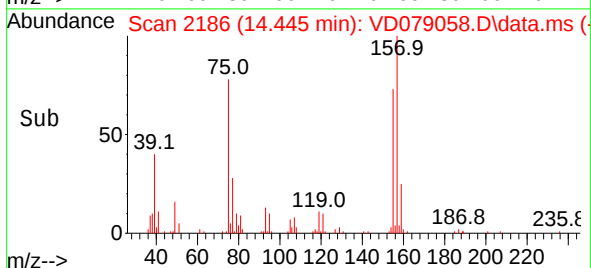
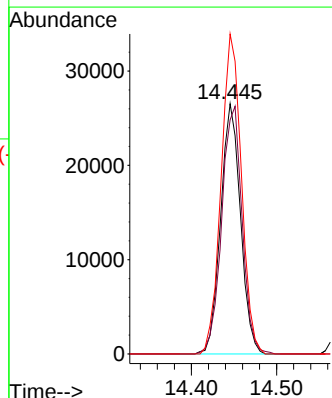
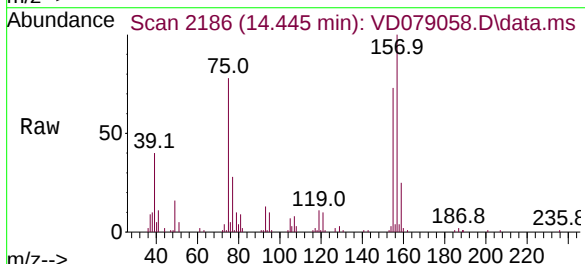
Tgt Ion: 75 Resp: 42943

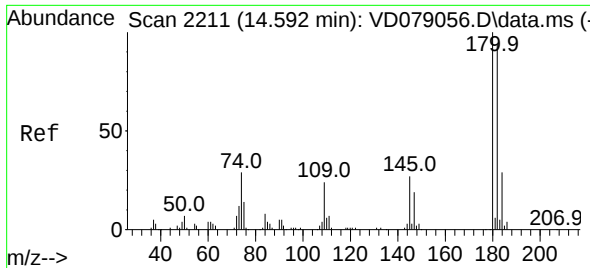
Ion Ratio Lower Upper

75 100

155 93.6 68.1 102.1

157 127.9 91.6 137.4





#69

1,3,5-Trichlorobenzene

Concen: 94.374 ug/L

RT: 14.592 min Scan# 2211

Delta R.T. 0.000 min

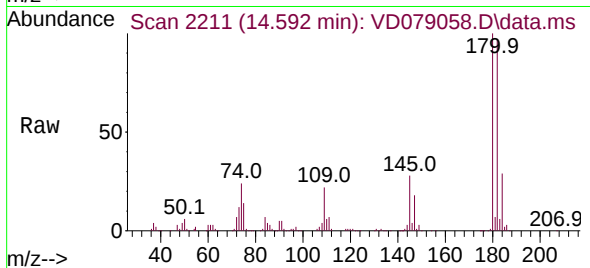
Lab File: VD079058.D

Acq: 29 May 2024 11:11

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:180 Resp: 539471

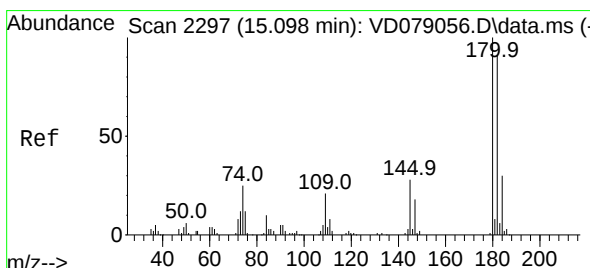
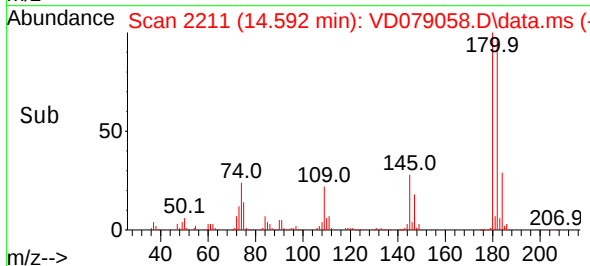
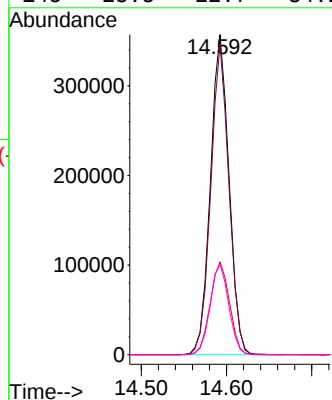
Ion Ratio Lower Upper

180 100

182 94.8 76.9 115.3

184 30.0 23.3 34.9

145 28.5 22.7 34.1



#70

1,2,4-trichlorobenzene

Concen: 92.713 ug/L

RT: 15.098 min Scan# 2297

Delta R.T. 0.000 min

Lab File: VD079058.D

Acq: 29 May 2024 11:11

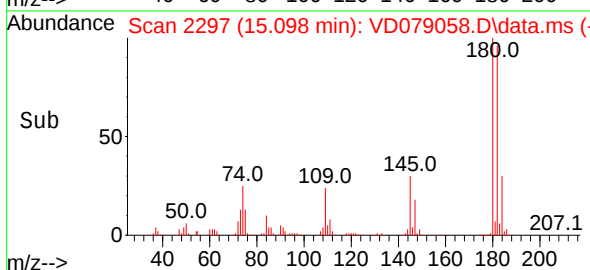
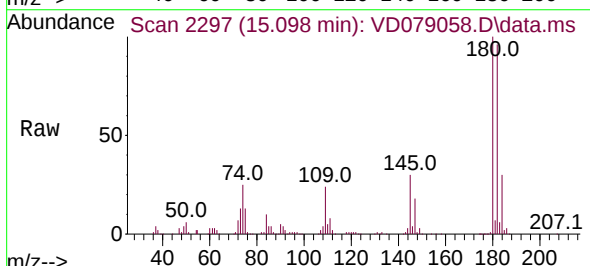
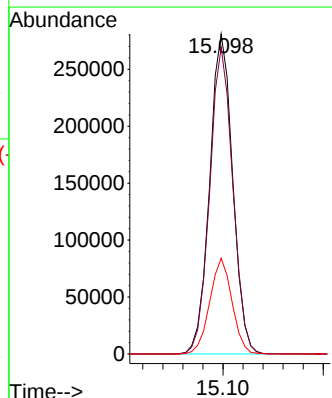
Tgt Ion:180 Resp: 447879

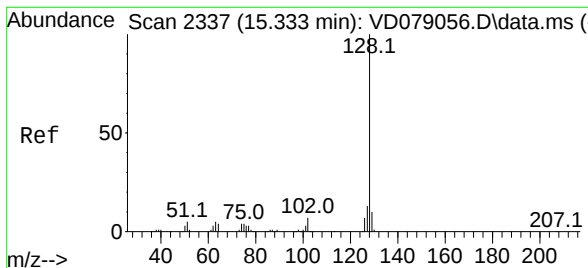
Ion Ratio Lower Upper

180 100

182 95.7 73.8 110.6

145 28.9 22.3 33.5





#71

Naphthalene

Concen: 93.764 ug/L

RT: 15.328 min Scan# 2336

Delta R.T. -0.006 min

Lab File: VD079058.D

Acq: 29 May 2024 11:11

Instrument :

MSVOA_D

ClientSampleId :

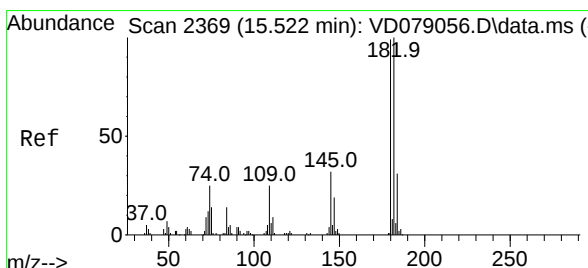
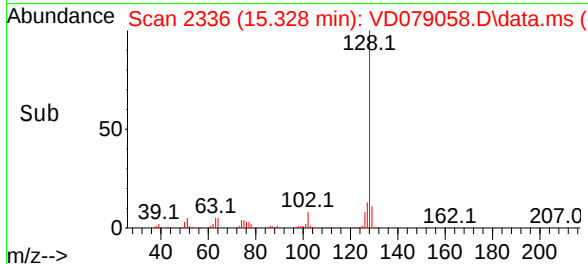
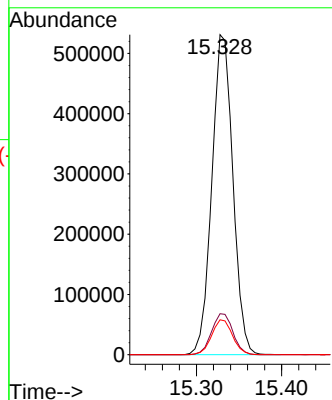
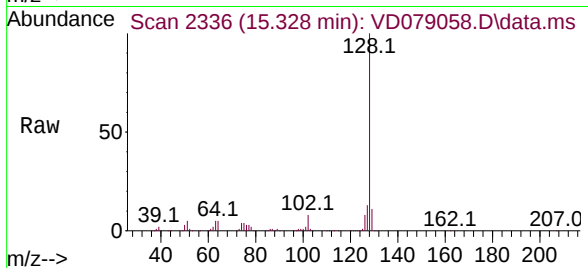
Tgt Ion:128 Resp: 910571

Ion Ratio Lower Upper

128 100

127 13.0 10.8 16.2

129 10.8 8.5 12.7



#72

1,2,3-Trichlorobenzene

Concen: 91.346 ug/L

RT: 15.522 min Scan# 2369

Delta R.T. 0.000 min

Lab File: VD079058.D

Acq: 29 May 2024 11:11

Tgt Ion:180 Resp: 407771

Ion Ratio Lower Upper

180 100

182 95.4 79.4 119.2

145 30.3 24.7 37.1

