

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD053124\
 Data File : VD079113.D
 Acq On : 31 May 2024 18:09
 Operator : RP/MD
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jun 01 00:38:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM052924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Jun 01 00:34:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	196689	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	200959	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	106785	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	140850	23.271	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.080%
7) Chloroethane-d5	2.799	69	127991	21.869	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.480%
11) 1,1-Dichloroethene-d2	3.916	65	20722	19.285	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	77.160%
21) 2-Butanone-d5	6.981	46	24378	52.658	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.320%
24) Chloroform-d	7.569	84	122920	22.351	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.400%
26) 1,2-Dichloroethane-d4	8.228	65	59213	23.340	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.360%
32) Benzene-d6	8.198	84	246642	22.140	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.560%
36) 1,2-Dichloropropane-d6	9.204	67	71411	22.253	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.000%
41) Toluene-d8	10.269	98	230497	22.097	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.400%
43) trans-1,3-Dichloroprop...	10.522	79	31889	23.642	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.560%
47) 2-Hexanone-d5	10.875	63	22256	53.647	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.300%
56) 1,1,2,2-Tetrachloroeth...	12.645	84	69455	24.435	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.760%
66) 1,2-Dichlorobenzene-d4	13.816	152	80221	21.767	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.080%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	67586	21.707	ug/L	100
3) Chloromethane	2.146	50	105523	25.428	ug/L	100
5) Vinyl chloride	2.281	62	178994	26.133	ug/L	96
6) Bromomethane	2.687	94	115222	21.790	ug/L	93
8) Chloroethane	2.828	64	119965	23.896	ug/L	96
9) Trichlorofluoromethane	3.169	101	115099	22.059	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.969	101	73661	23.543	ug/L	99
12) 1,1-Dichloroethene	3.934	96	63404	23.276	ug/L	96
13) Acetone	4.022	43	33452	49.911	ug/L	97
14) Carbon disulfide	4.263	76	217553	22.895	ug/L	98
15) Methyl Acetate	4.563	43	26223	28.716	ug/L #	78
16) Methylene chloride	4.799	84	87842	25.064	ug/L	98
17) trans-1,2-Dichloroethene	5.304	96	72073	24.483	ug/L	98
18) Methyl tert-butyl Ether	5.316	73	142517	27.297	ug/L	99
19) 1,1-Dichloroethane	6.104	63	116614	24.605	ug/L	97
20) cis-1,2-Dichloroethene	7.075	96	77534	25.295	ug/L	99
22) 2-Butanone	7.081	43	37260	52.920	ug/L	99
23) Bromochloromethane	7.422	128	39168	25.204	ug/L	91
25) Chloroform	7.592	83	132739	24.668	ug/L	92

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 Response via : Initial Calibration

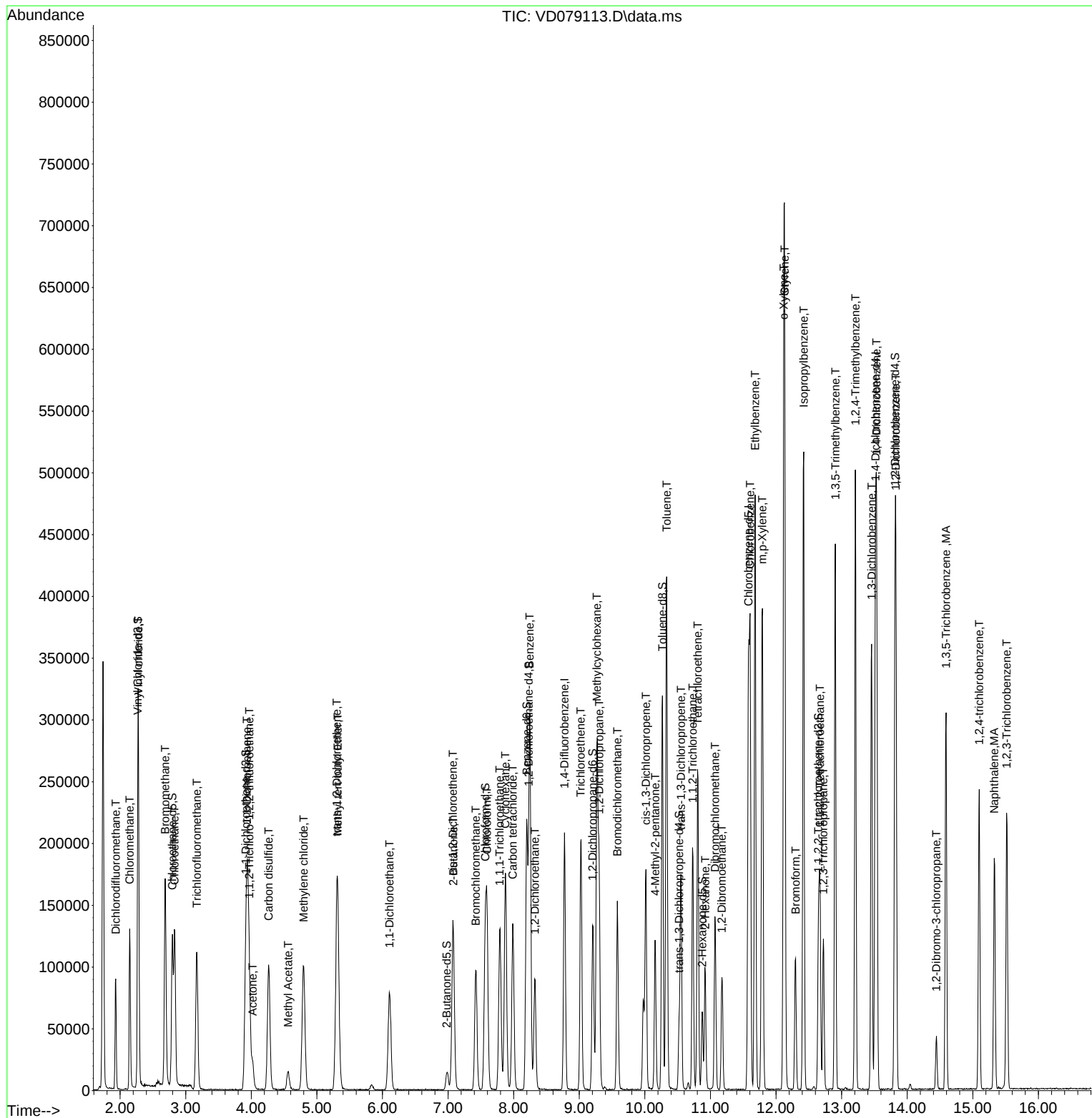
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.322	62	80537	25.783	ug/L	97
29) Cyclohexane	7.875	56	88426	24.388	ug/L	99
30) 1,1,1-Trichloroethane	7.787	97	111080	23.347	ug/L	99
31) Carbon tetrachloride	7.987	117	101803	23.025	ug/L	96
33) Benzene	8.245	78	295222	24.665	ug/L	100
34) Trichloroethene	9.022	95	72468	23.508	ug/L	95
35) Methylcyclohexane	9.269	83	122607	24.003	ug/L	99
37) 1,2-Dichloropropane	9.304	63	72896	24.864	ug/L	100
38) Bromodichloromethane	9.581	83	101458	24.894	ug/L	97
39) cis-1,3-Dichloropropene	10.016	75	112729	24.632	ug/L	96
40) 4-Methyl-2-pentanone	10.157	43	72245	59.031	ug/L	96
42) Toluene	10.334	91	332210	24.995	ug/L	98
44) trans-1,3-Dichloropropene	10.551	75	100573	25.987	ug/L	98
45) 1,1,2-Trichloroethane	10.728	97	68186	26.511	ug/L	94
46) Tetrachloroethene	10.804	164	62449	23.007	ug/L	98
48) 2-Hexanone	10.922	43	56125	52.997	ug/L	95
49) Dibromochloromethane	11.069	129	76028	24.962	ug/L	93
50) 1,2-Dibromoethane	11.175	107	62442	26.416	ug/L #	94
51) Chlorobenzene	11.604	112	213398	24.131	ug/L	98
52) Ethylbenzene	11.681	91	346545	24.997	ug/L	98
53) m,p-Xylene	11.792	106	139527	25.652	ug/L	92
54) o-Xylene	12.116	106	131515	25.027	ug/L	91
55) Styrene	12.133	104	243326	26.114	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.669	83	79520	27.620	ug/L	96
59) Bromoform	12.298	173	49166	25.121	ug/L	99
60) Isopropylbenzene	12.422	105	345326	24.457	ug/L	100
61) 1,2,3-Trichloropropane	12.722	75	51345	27.234	ug/L	98
62) 1,3,5-Trimethylbenzene	12.904	105	239963	24.856	ug/L	98
63) 1,2,4-Trimethylbenzene	13.210	105	261267	25.302	ug/L	100
64) 1,3-Dichlorobenzene	13.457	146	161453	23.802	ug/L	98
65) 1,4-Dichlorobenzene	13.533	146	170173	23.677	ug/L	95
67) 1,2-Dichlorobenzene	13.827	146	152551	24.328	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.445	75	10113	26.094	ug/L #	68
69) 1,3,5-Trichlorobenzene	14.592	180	101769	23.788	ug/L	97
70) 1,2,4-trichlorobenzene	15.098	180	83531	23.510	ug/L	100
71) Naphthalene	15.327	128	176104	26.502	ug/L	99
72) 1,2,3-Trichlorobenzene	15.516	180	78752	25.645	ug/L	97

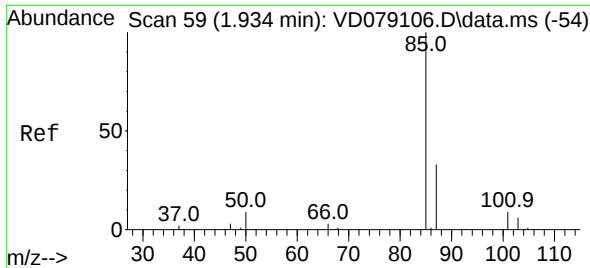
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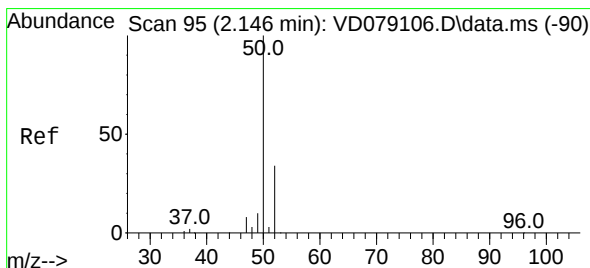
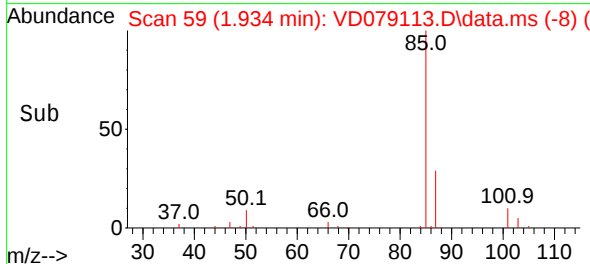
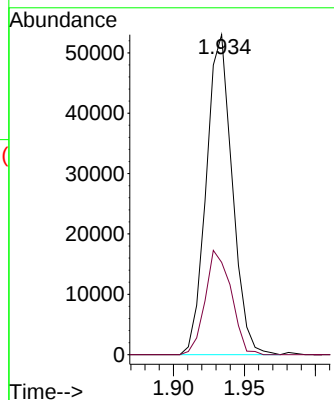
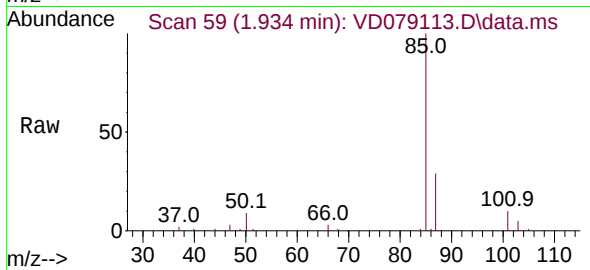




#2
Dichlorodifluoromethane
Concen: 21.707 ug/L
RT: 1.934 min Scan# 59
Delta R.T. -0.000 min
Lab File: VD079113.D
Acq: 31 May 2024 18:09

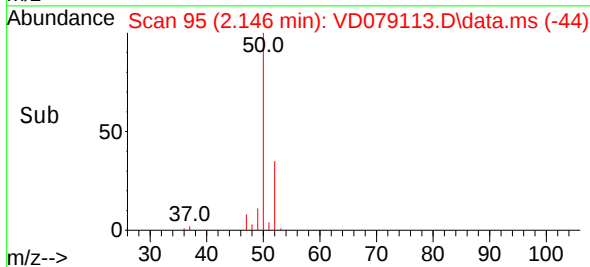
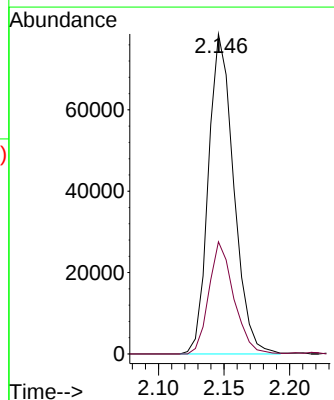
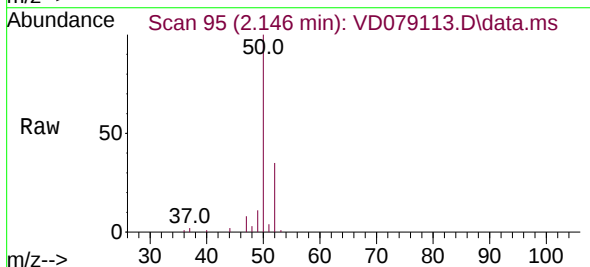
Instrument :
MSVOA_D
ClientSampleId :

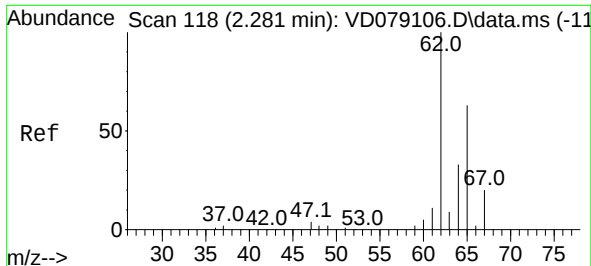
Tgt Ion: 85 Resp: 67586
Ion Ratio Lower Upper
85 100
87 32.6 26.2 39.4



#3
Chloromethane
Concen: 25.428 ug/L
RT: 2.146 min Scan# 95
Delta R.T. -0.000 min
Lab File: VD079113.D
Acq: 31 May 2024 18:09

Tgt Ion: 50 Resp: 105523
Ion Ratio Lower Upper
50 100
52 35.1 24.4 45.2

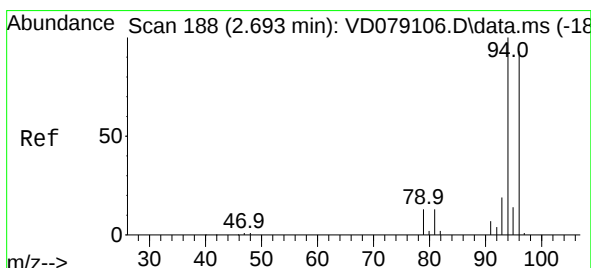
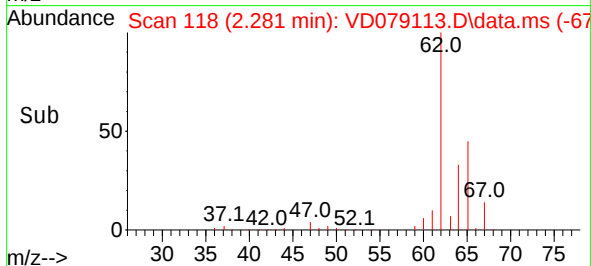
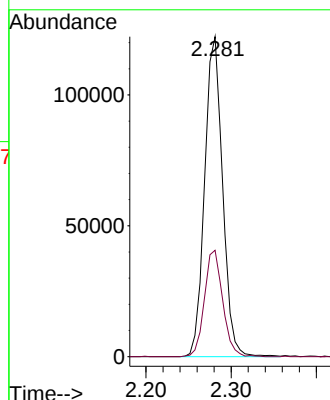
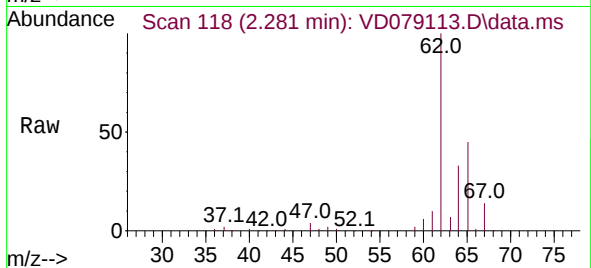




#5
 Vinyl chloride
 Concen: 26.133 ug/L
 RT: 2.281 min Scan# 118
 Delta R.T. -0.000 min
 Lab File: VD079113.D
 Acq: 31 May 2024 18:09

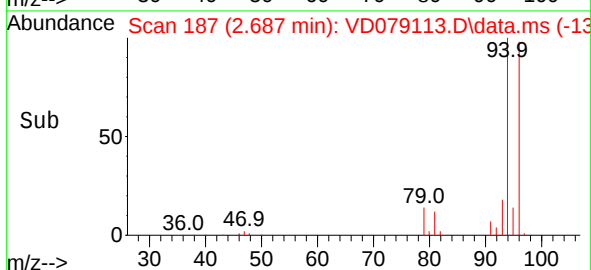
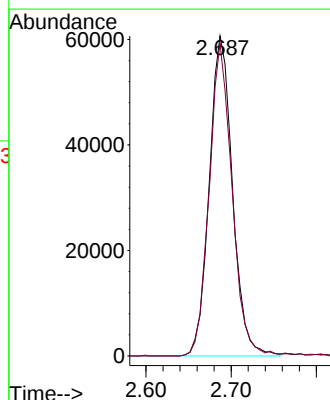
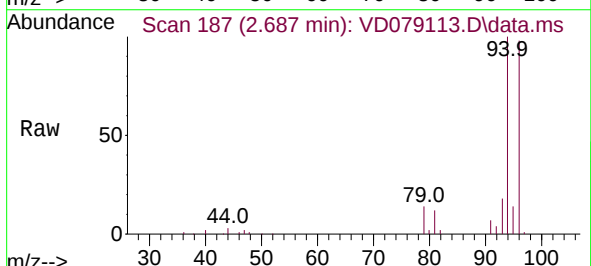
Instrument :
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 ClientSampleId :

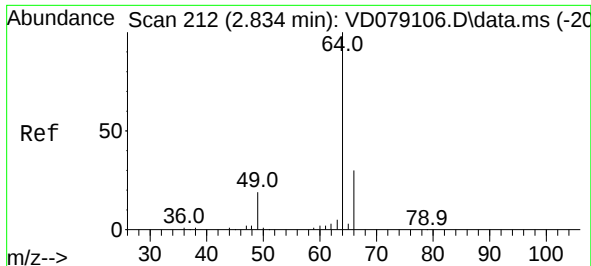
Tgt Ion: 62 Resp: 178994
 Ion Ratio Lower Upper
 62 100
 64 33.2 24.8 46.1



#6
 Bromomethane
 Concen: 21.790 ug/L
 RT: 2.687 min Scan# 187
 Delta R.T. -0.006 min
 Lab File: VD079113.D
 Acq: 31 May 2024 18:09

Tgt Ion: 94 Resp: 115222
 Ion Ratio Lower Upper
 94 100
 96 97.7 63.6 118.2





#8

Chloroethane

Concen: 23.896 ug/L

RT: 2.828 min Scan# 211

Delta R.T. -0.006 min

Lab File: VD079113.D

Acq: 31 May 2024 18:09

Instrument :

MSVOA_D

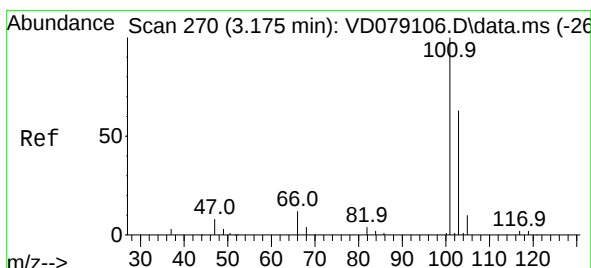
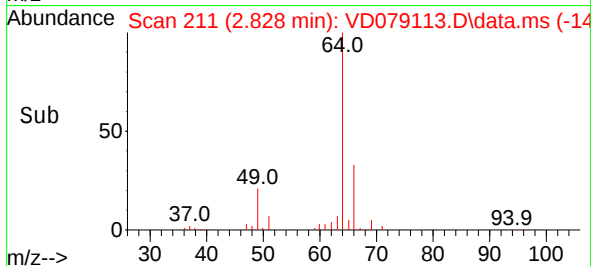
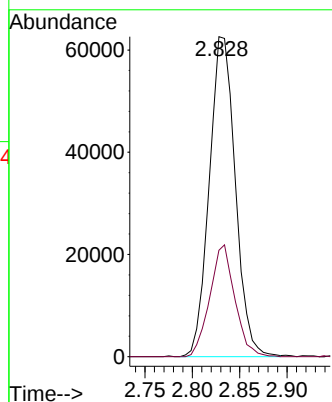
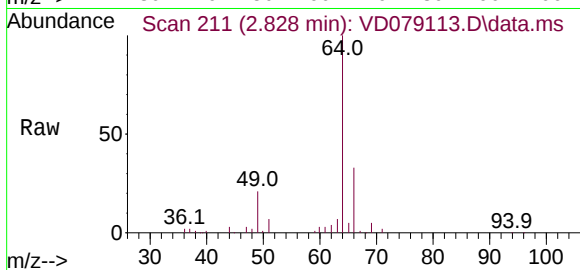
ClientSampleId :

Tgt Ion: 64 Resp: 119965

Ion Ratio Lower Upper

64 100

66 33.2 24.8 46.1



#9

Trichlorofluoromethane

Concen: 22.059 ug/L

RT: 3.169 min Scan# 269

Delta R.T. -0.006 min

Lab File: VD079113.D

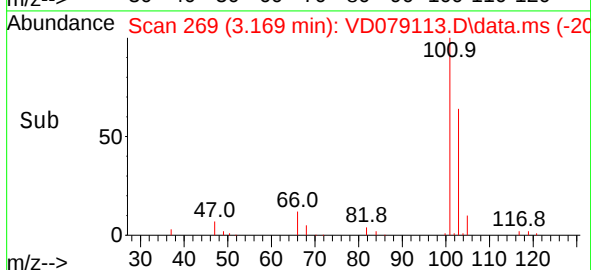
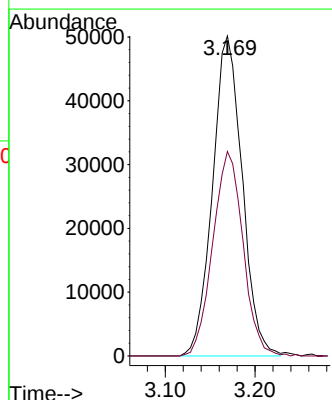
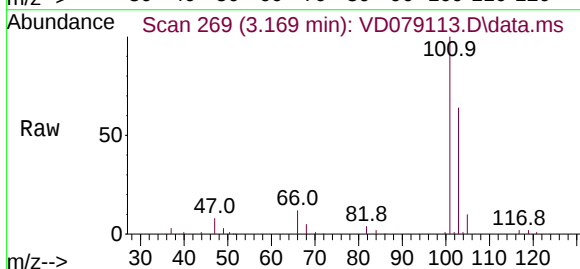
Acq: 31 May 2024 18:09

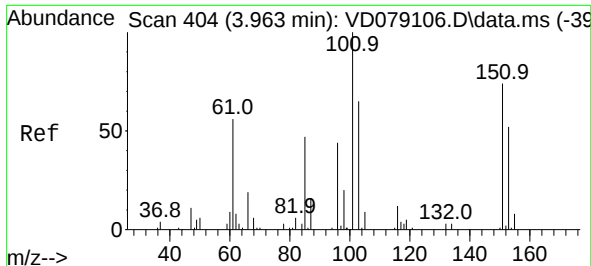
Tgt Ion:101 Resp: 115099

Ion Ratio Lower Upper

101 100

103 65.0 52.6 79.0





#10

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

Concen: 23.543 ug/L

RT: 3.969 min Scan# 404

Delta R.T. 0.006 min

Lab File: VD079113.D

Acq: 31 May 2024 18:09

Instrument :

MSVOA_D

ClientSampleId :

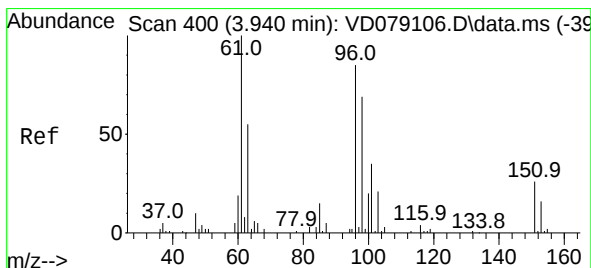
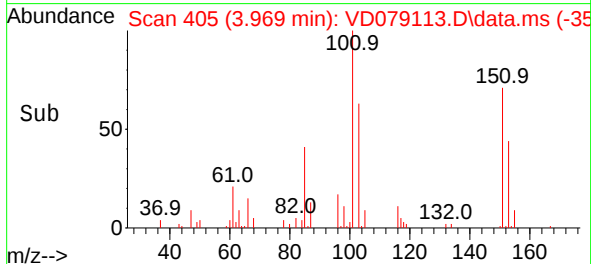
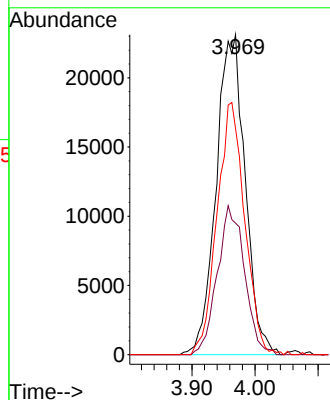
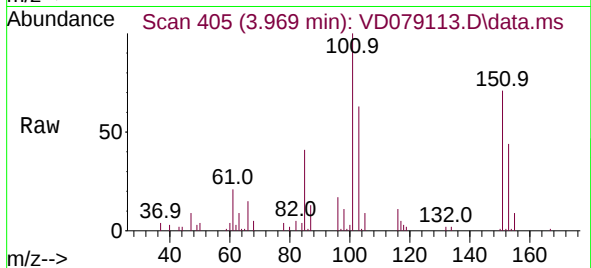
Tgt Ion:101 Resp: 73661

Ion Ratio Lower Upper

101 100

85 43.6 35.4 53.0

151 75.2 59.1 88.7



#12

1,1-Dichloroethene

Concen: 23.276 ug/L

RT: 3.934 min Scan# 399

Delta R.T. -0.006 min

Lab File: VD079113.D

Acq: 31 May 2024 18:09

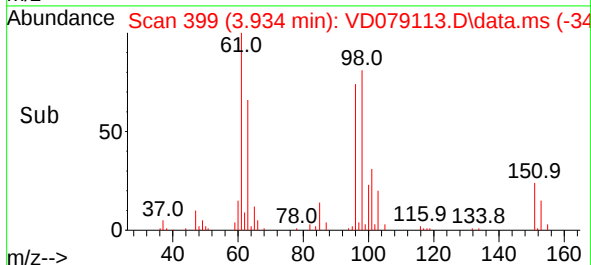
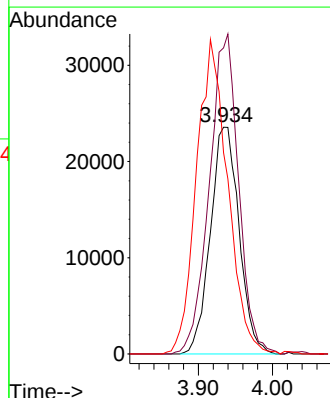
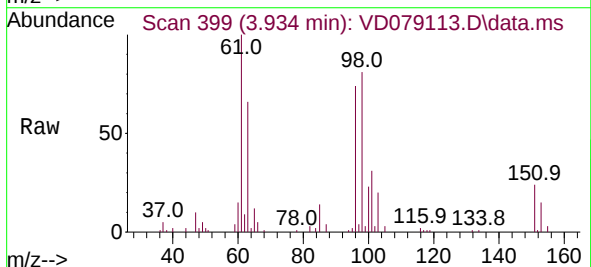
Tgt Ion: 96 Resp: 63404

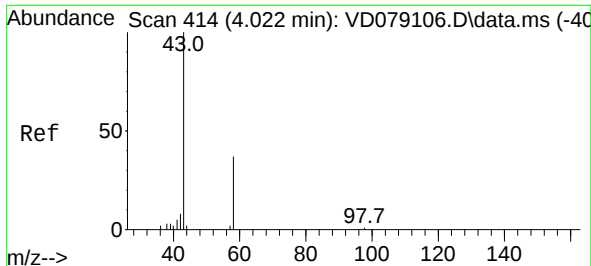
Ion Ratio Lower Upper

96 100

61 135.0 93.9 174.3

63 88.8 67.7 125.7





#13

Acetone

Concen: 49.911 ug/L

RT: 4.022 min Scan# 414

Delta R.T. -0.000 min

Lab File: VD079113.D

Acq: 31 May 2024 18:09

Instrument :

MSVOA_D

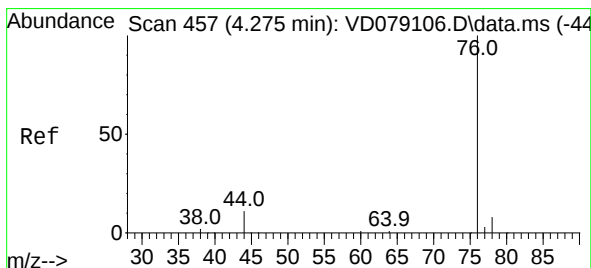
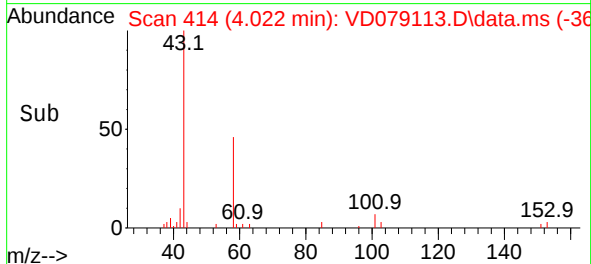
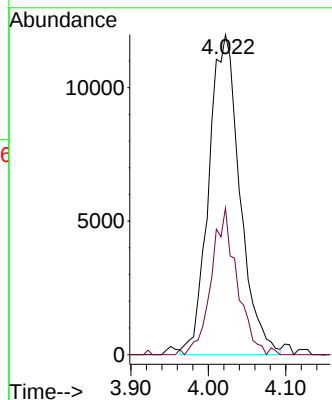
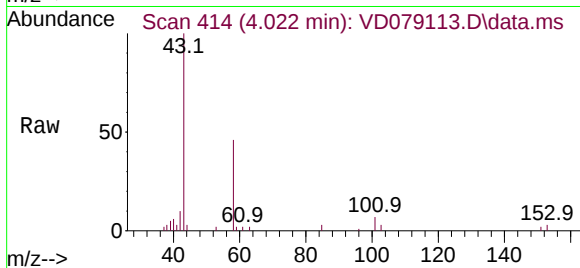
ClientSampleId :

Tgt Ion: 43 Resp: 33452

Ion Ratio Lower Upper

43 100

58 37.5 0.0 78.2



#14

Carbon disulfide

Concen: 22.895 ug/L

RT: 4.263 min Scan# 455

Delta R.T. -0.012 min

Lab File: VD079113.D

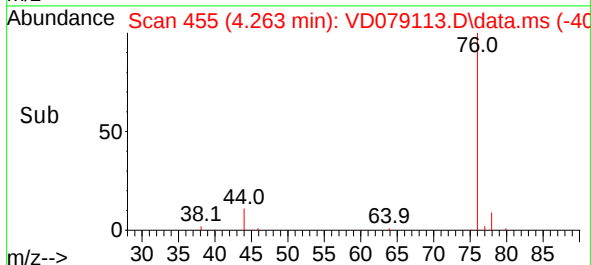
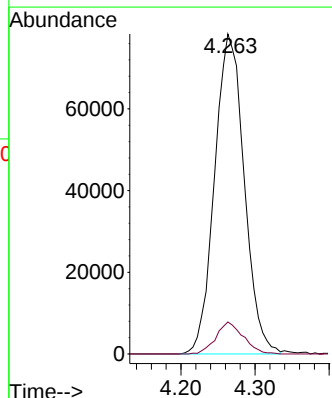
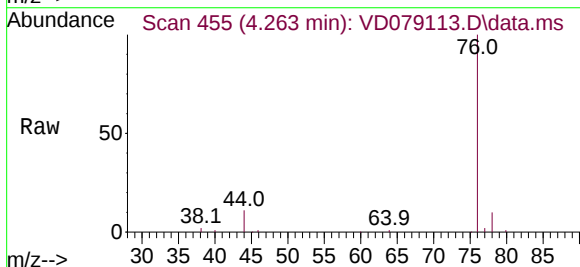
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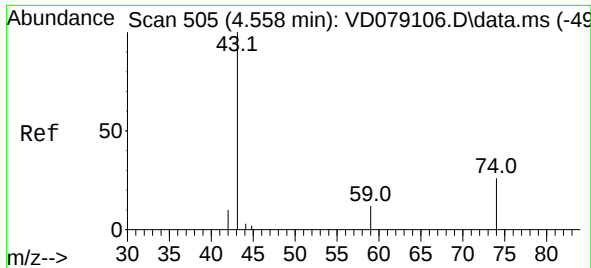
Tgt Ion: 76 Resp: 217553

Ion Ratio Lower Upper

76 100

78 10.0 7.5 11.3





#15

Methyl Acetate

Concen: 28.716 ug/L

RT: 4.563 min Scan# 505

Delta R.T. 0.006 min

Lab File: VD079113.D

Acq: 31 May 2024 18:09

Instrument :

MSVOA_D

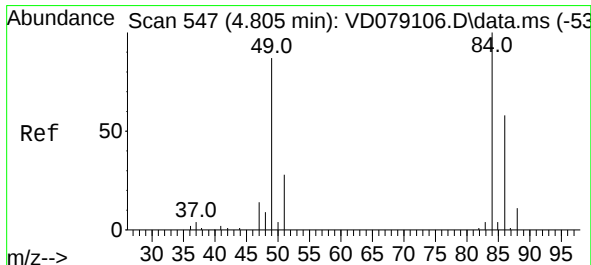
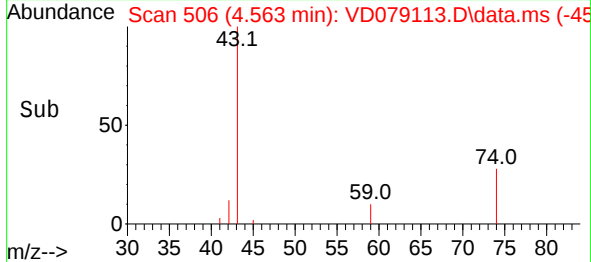
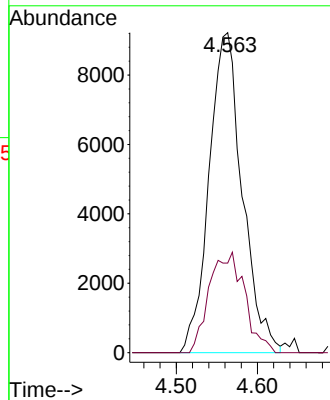
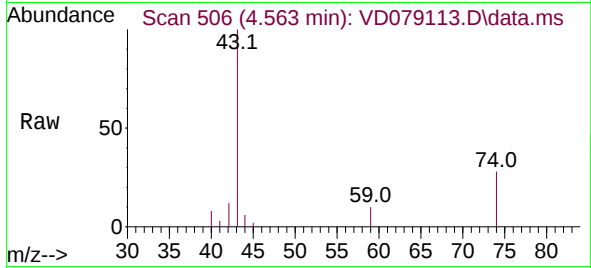
ClientSampleId :

Tgt Ion: 43 Resp: 26223

Ion Ratio Lower Upper

43 100

74 18.1 23.8 35.6#



#16

Methylene chloride

Concen: 25.064 ug/L

RT: 4.799 min Scan# 546

Delta R.T. -0.006 min

Lab File: VD079113.D

Acq: 31 May 2024 18:09

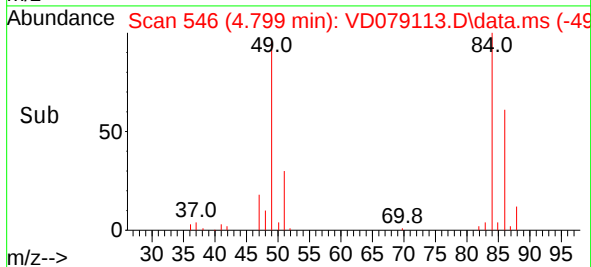
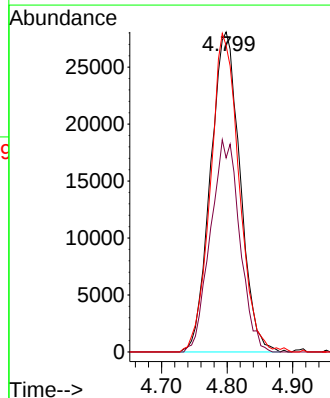
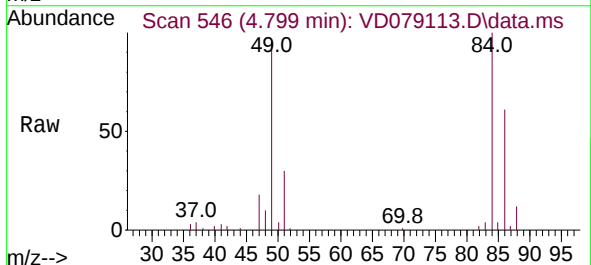
Tgt Ion: 84 Resp: 87842

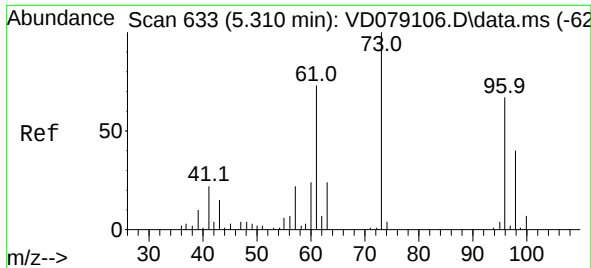
Ion Ratio Lower Upper

84 100

86 60.6 40.9 76.0

49 95.7 67.5 125.3

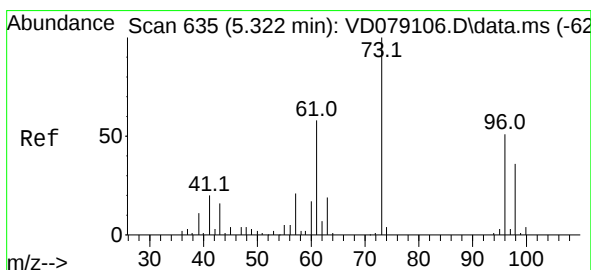
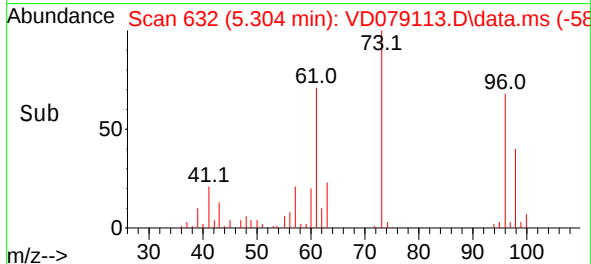
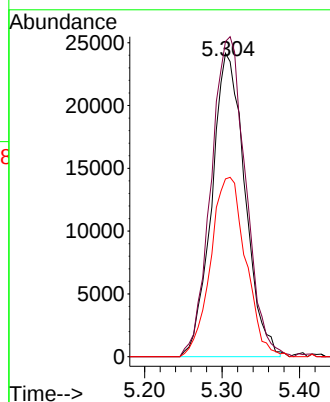
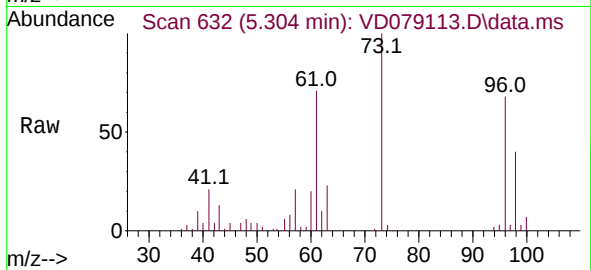




#17
trans-1,2-Dichloroethene
Concen: 24.483 ug/L
RT: 5.304 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD079113.D
Acq: 31 May 2024 18:09

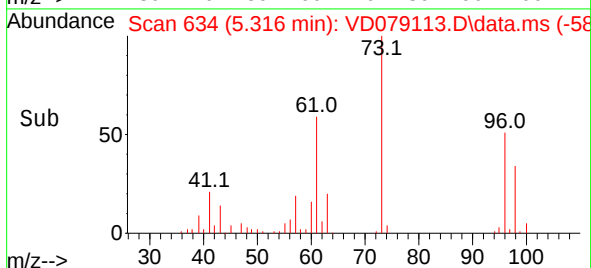
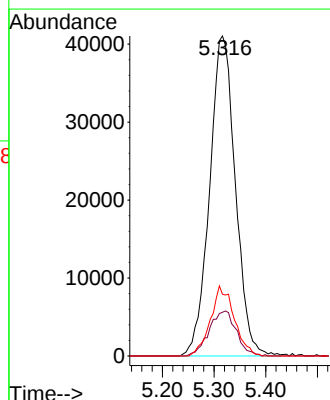
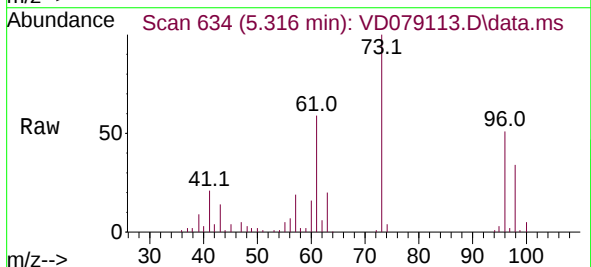
Instrument :
MSVOA_D
ClientSampleId :

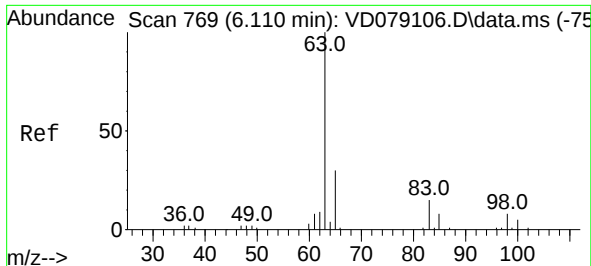
Tgt Ion: 96 Resp: 72073
Ion Ratio Lower Upper
96 100
61 103.9 71.9 133.5
98 58.6 42.6 79.2



#18
Methyl tert-butyl Ether
Concen: 27.297 ug/L
RT: 5.316 min Scan# 634
Delta R.T. -0.006 min
Lab File: VD079113.D
Acq: 31 May 2024 18:09

Tgt Ion: 73 Resp: 142517
Ion Ratio Lower Upper
73 100
43 14.8 12.0 18.0
57 12.8 9.6 14.4





#19

1,1-Dichloroethane

Concen: 24.605 ug/L

RT: 6.104 min Scan# 7

Delta R.T. -0.006 min

Lab File: VD079113.D

Acq: 31 May 2024 18:09

Instrument :

MSVOA_D

ClientSampleId :

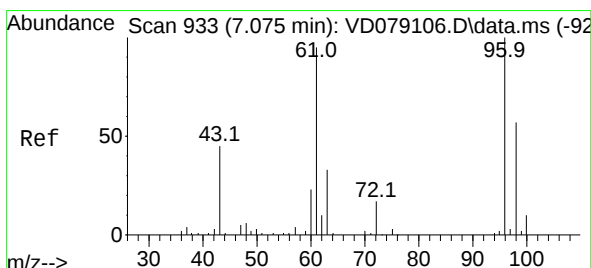
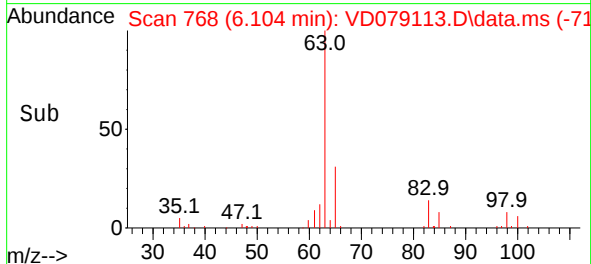
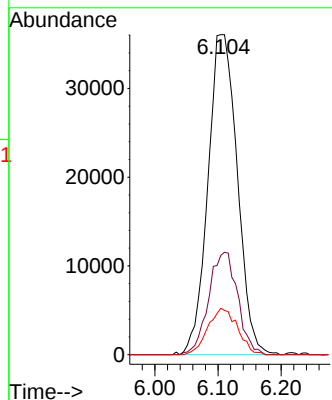
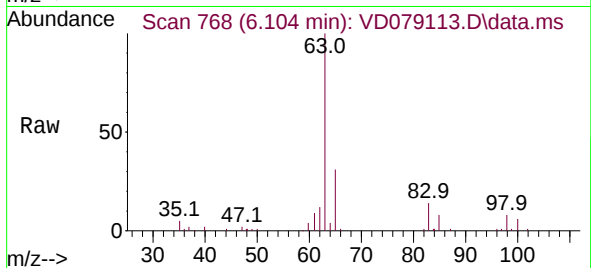
Tgt Ion: 63 Resp: 116614

Ion Ratio Lower Upper

63 100

65 31.1 22.8 42.4

83 14.5 8.6 16.0



#20

cis-1,2-Dichloroethene

Concen: 25.295 ug/L

RT: 7.075 min Scan# 933

Delta R.T. -0.000 min

Lab File: VD079113.D

Acq: 31 May 2024 18:09

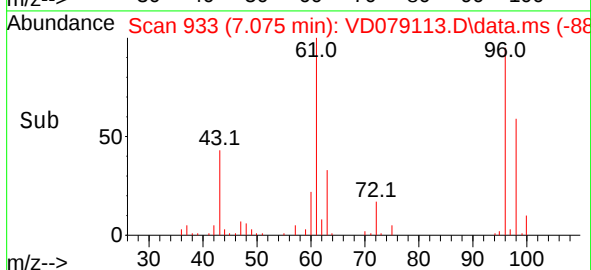
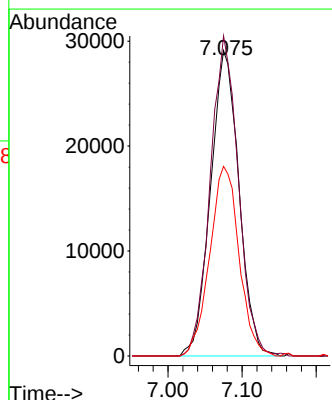
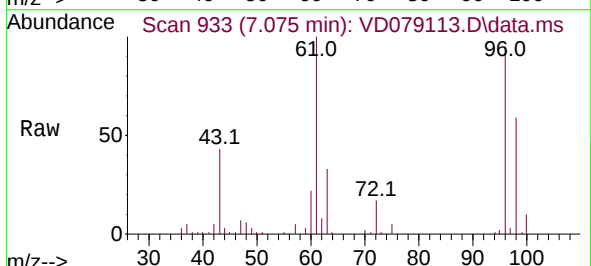
Tgt Ion: 96 Resp: 77534

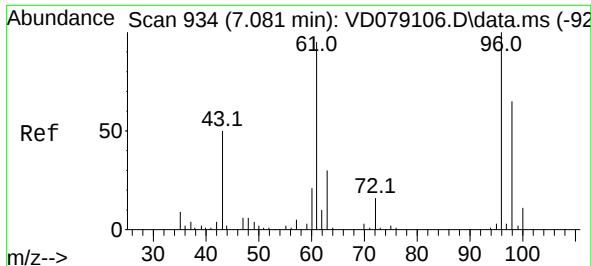
Ion Ratio Lower Upper

96 100

61 104.8 72.6 134.8

98 62.1 43.8 81.3

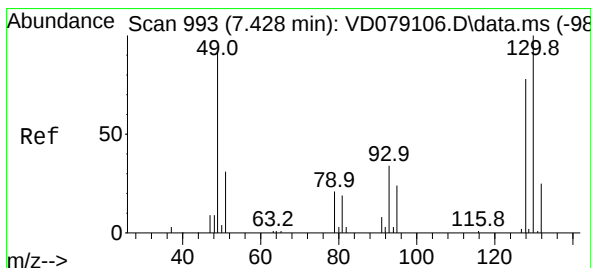
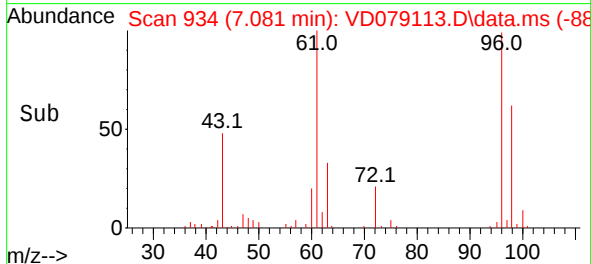
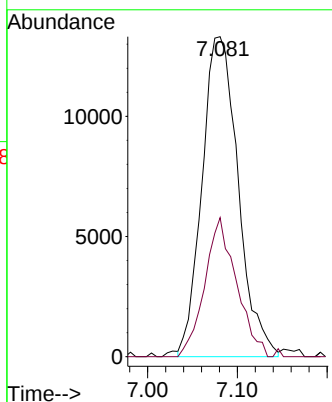
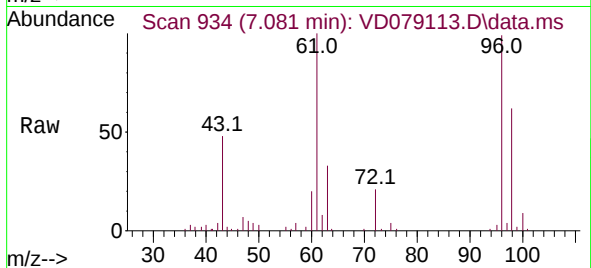




#22
2-Butanone
Concen: 52.920 ug/L
RT: 7.081 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD079113.D
Acq: 31 May 2024 18:09

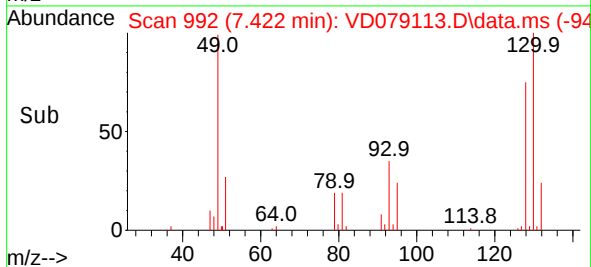
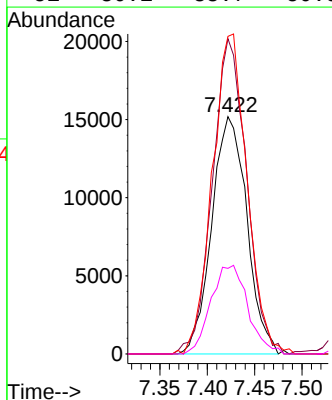
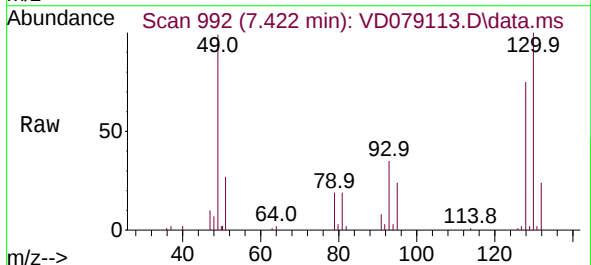
Instrument :
MSVOA_D
ClientSampleId :

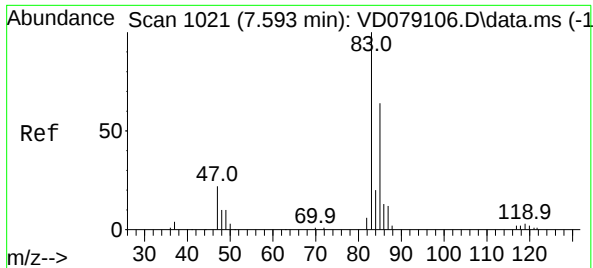
Tgt Ion: 43 Resp: 37260
Ion Ratio Lower Upper
43 100
72 38.1 19.3 57.8



#23
Bromochloromethane
Concen: 25.204 ug/L
RT: 7.422 min Scan# 992
Delta R.T. -0.006 min
Lab File: VD079113.D
Acq: 31 May 2024 18:09

Tgt Ion:128 Resp: 39168
Ion Ratio Lower Upper
128 100
49 132.9 81.8 151.8
130 133.9 90.4 167.8
51 36.1 33.7 50.5

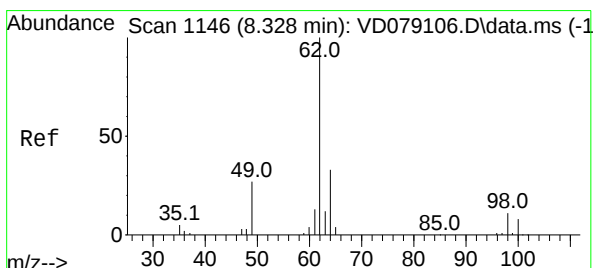
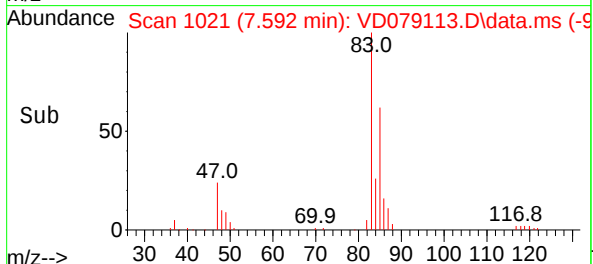
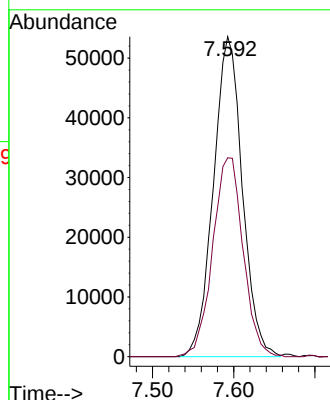
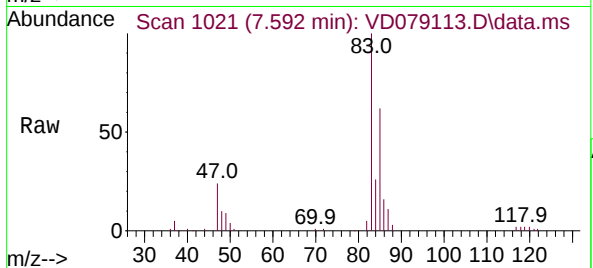




#25
Chloroform
Concen: 24.668 ug/L
RT: 7.592 min Scan# 1021
Delta R.T. -0.000 min
Lab File: VD079113.D
Acq: 31 May 2024 18:09

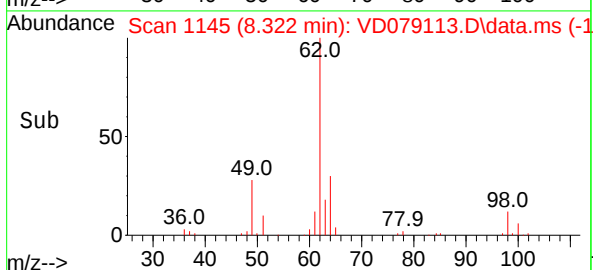
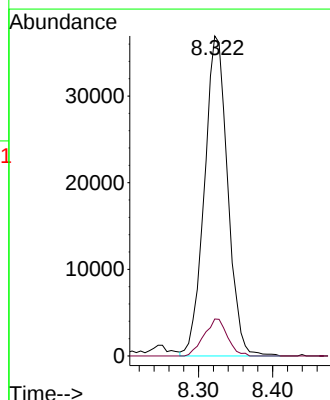
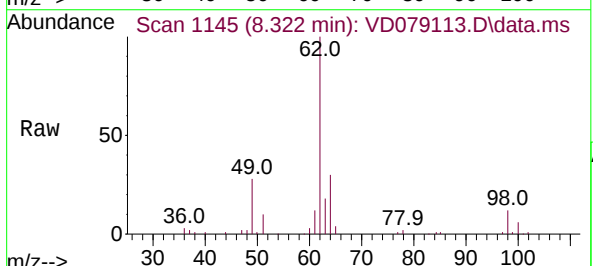
Instrument :
MSVOA_D
ClientSampleId :

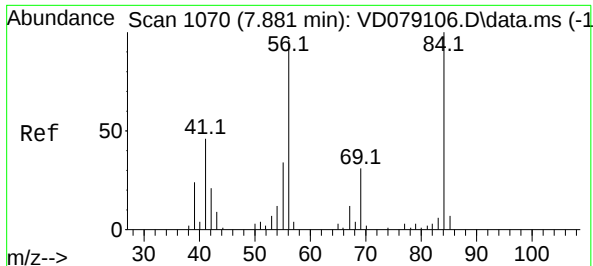
Tgt Ion: 83 Resp: 132739
Ion Ratio Lower Upper
83 100
85 62.1 47.9 89.1



#27
1,2-Dichloroethane
Concen: 25.783 ug/L
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD079113.D
Acq: 31 May 2024 18:09

Tgt Ion: 62 Resp: 80537
Ion Ratio Lower Upper
62 100
98 11.6 8.2 12.4

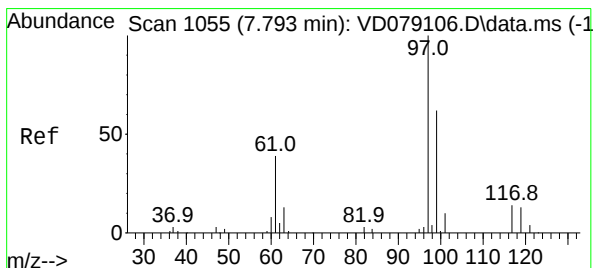
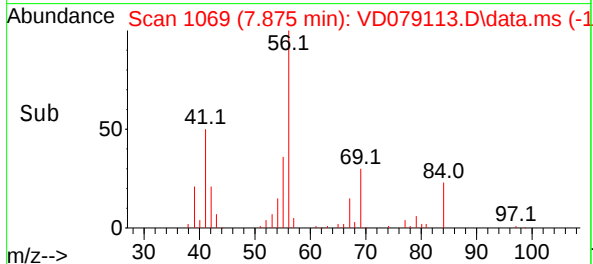
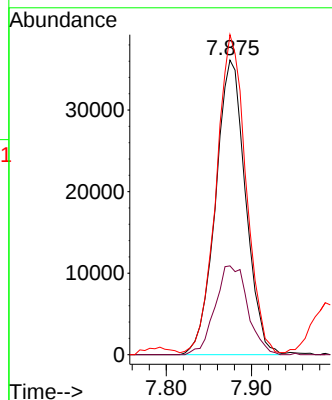
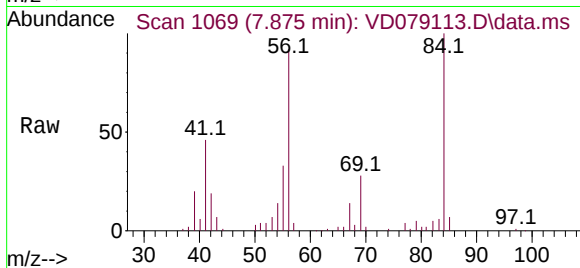




#29
Cyclohexane
Concen: 24.388 ug/L
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD079113.D
Acq: 31 May 2024 18:09

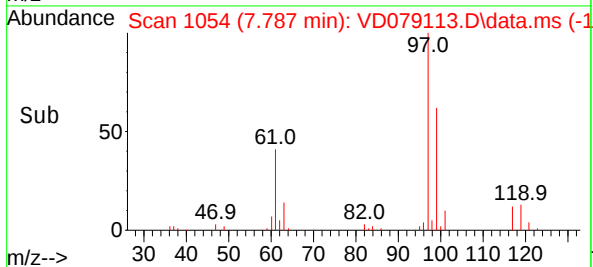
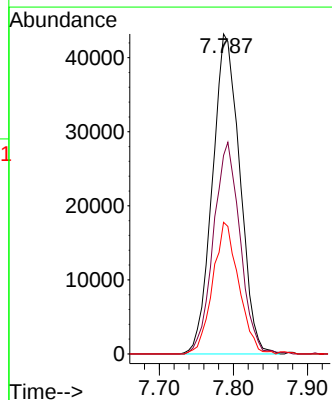
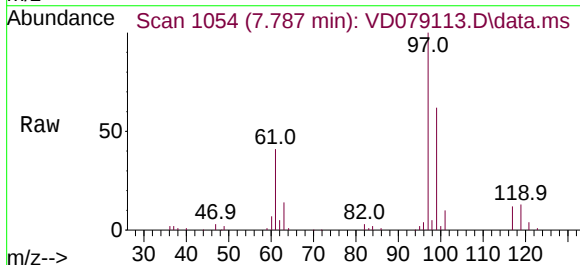
Instrument :
MSVOA_D
ClientSampleId :

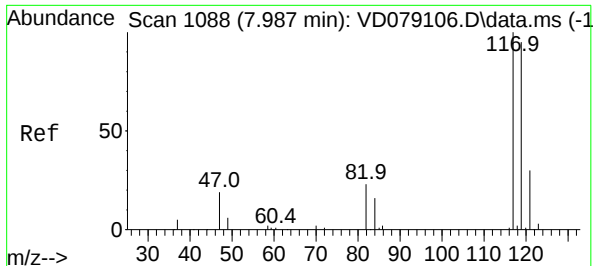
Tgt Ion: 56 Resp: 88426
Ion Ratio Lower Upper
56 100
69 32.8 26.6 40.0
84 108.3 87.5 131.3



#30
1,1,1-Trichloroethane
Concen: 23.347 ug/L
RT: 7.787 min Scan# 1054
Delta R.T. -0.006 min
Lab File: VD079113.D
Acq: 31 May 2024 18:09

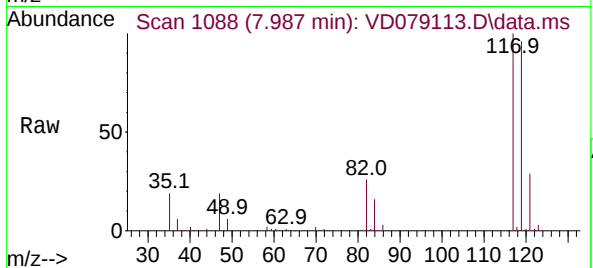
Tgt Ion: 97 Resp: 111080
Ion Ratio Lower Upper
97 100
99 64.1 52.3 78.5
61 38.9 31.7 47.5



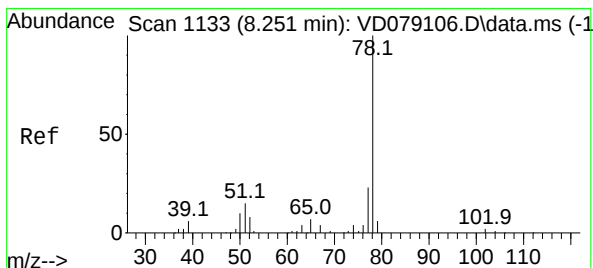
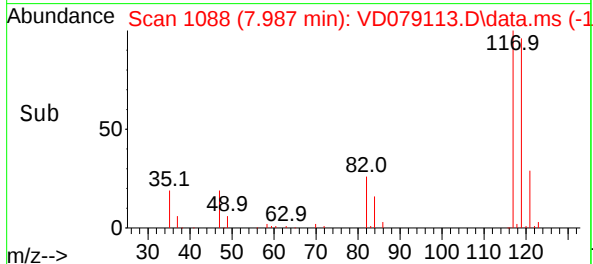
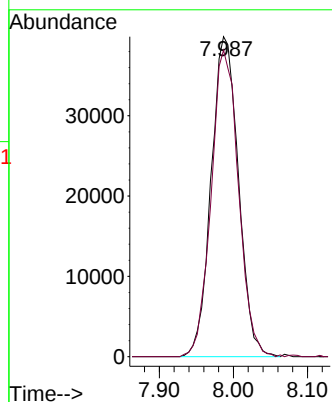


#31
Carbon tetrachloride
Concen: 23.025 ug/L
RT: 7.987 min Scan# 1088
Delta R.T. -0.000 min
Lab File: VD079113.D
Acq: 31 May 2024 18:09

Instrument :
MSVOA_D
ClientSampleId :

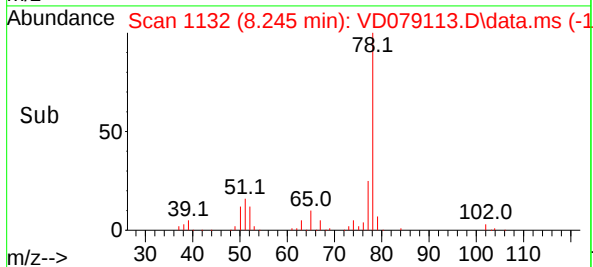
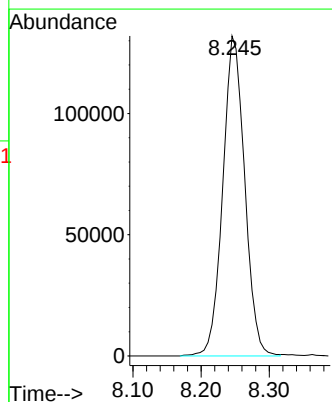
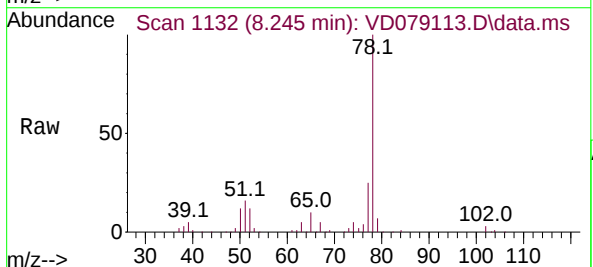


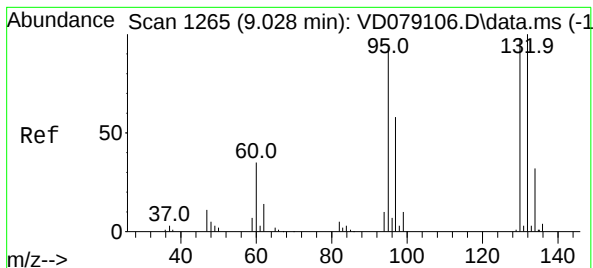
Tgt Ion:117 Resp: 101803
Ion Ratio Lower Upper
117 100
119 95.9 79.6 119.4



#33
Benzene
Concen: 24.665 ug/L
RT: 8.245 min Scan# 1132
Delta R.T. -0.006 min
Lab File: VD079113.D
Acq: 31 May 2024 18:09

Tgt Ion: 78 Resp: 295222





#34

Trichloroethene

Concen: 23.508 ug/L

RT: 9.022 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD079113.D

Acq: 31 May 2024 18:09

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 95 Resp: 72468

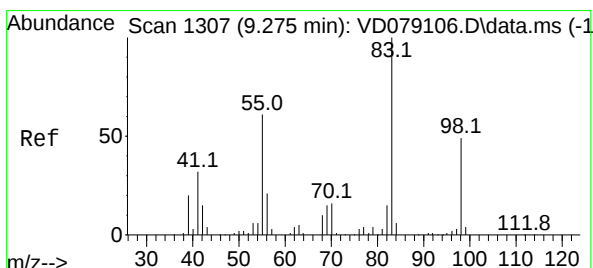
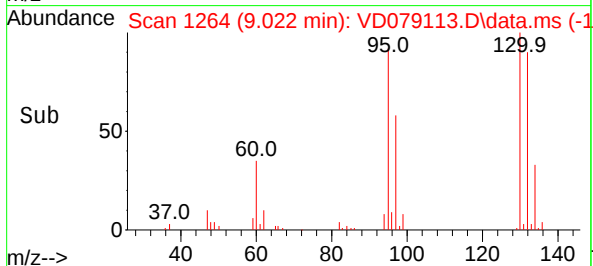
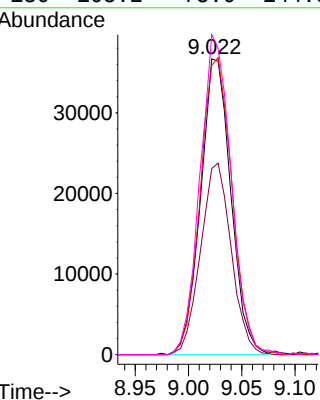
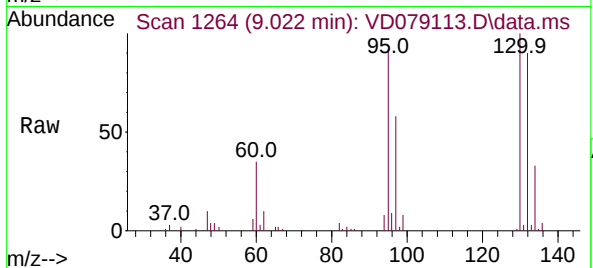
Ion Ratio Lower Upper

95 100

97 62.9 44.6 82.8

132 97.8 74.9 139.1

130 108.2 78.0 144.8



#35

Methylcyclohexane

Concen: 24.003 ug/L

RT: 9.269 min Scan# 1306

Delta R.T. -0.006 min

Lab File: VD079113.D

Acq: 31 May 2024 18:09

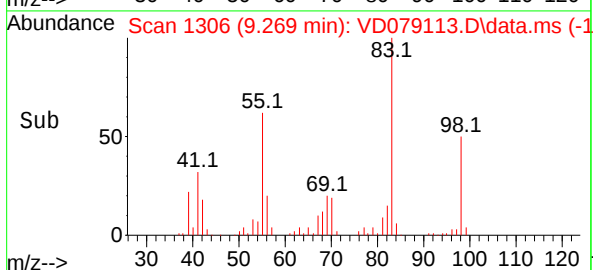
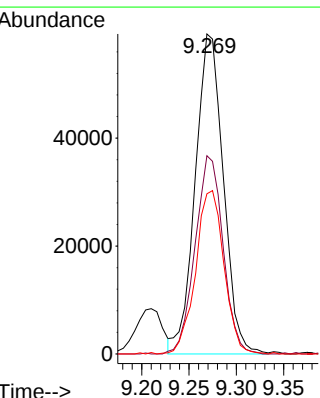
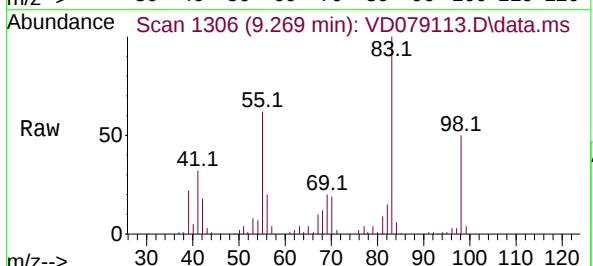
Tgt Ion: 83 Resp: 122607

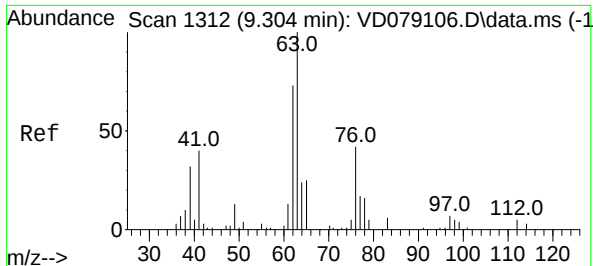
Ion Ratio Lower Upper

83 100

55 61.4 48.6 72.8

98 51.5 40.2 60.2

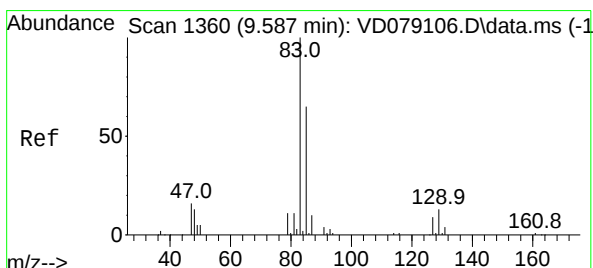
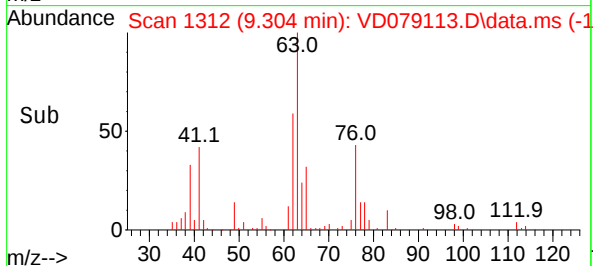
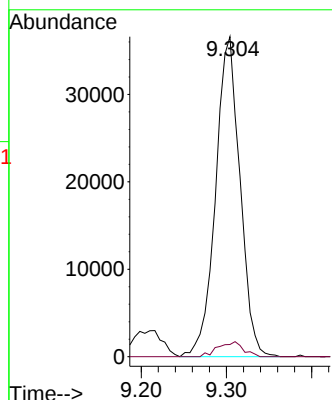
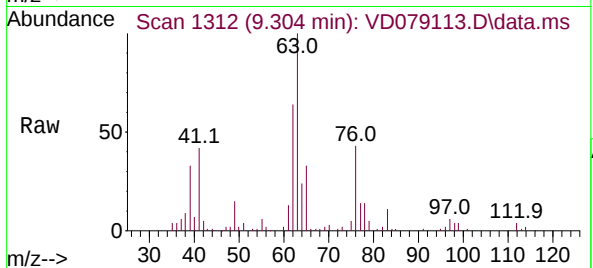




#37
1,2-Dichloropropane
Concen: 24.864 ug/L
RT: 9.304 min Scan# 1312
Delta R.T. -0.000 min
Lab File: VD079113.D
Acq: 31 May 2024 18:09

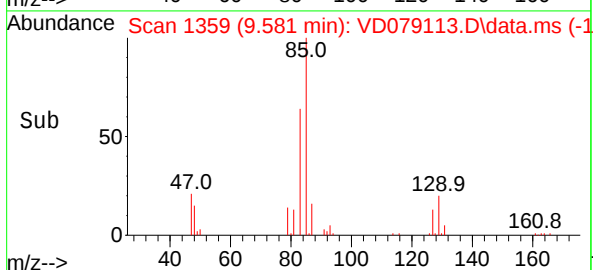
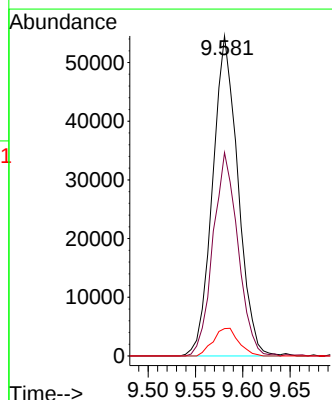
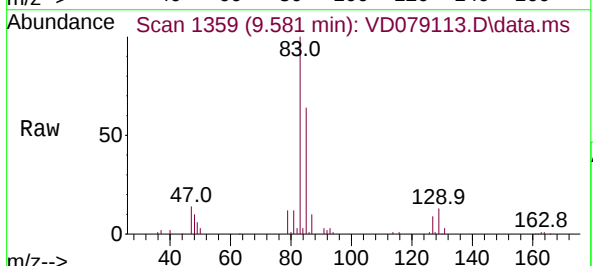
Instrument :
MSVOA_D
ClientSampleId :

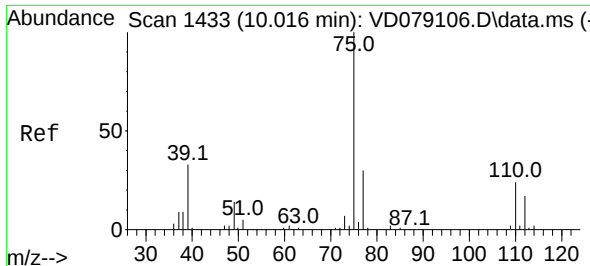
Tgt Ion: 63 Resp: 72896
Ion Ratio Lower Upper
63 100
112 4.8 3.9 5.9



#38
Bromodichloromethane
Concen: 24.894 ug/L
RT: 9.581 min Scan# 1359
Delta R.T. -0.006 min
Lab File: VD079113.D
Acq: 31 May 2024 18:09

Tgt Ion: 83 Resp: 101458
Ion Ratio Lower Upper
83 100
85 63.5 46.5 86.5
127 9.4 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 24.632 ug/L

RT: 10.016 min Scan# 1433

Delta R.T. -0.000 min

Lab File: VD079113.D

Acq: 31 May 2024 18:09

Instrument :

MSVOA_D

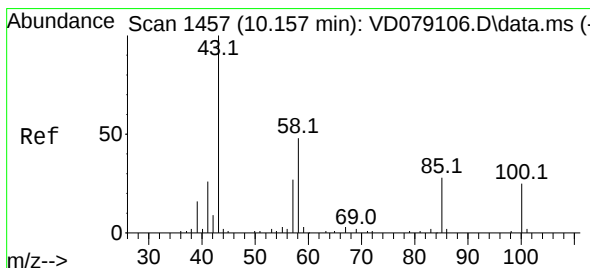
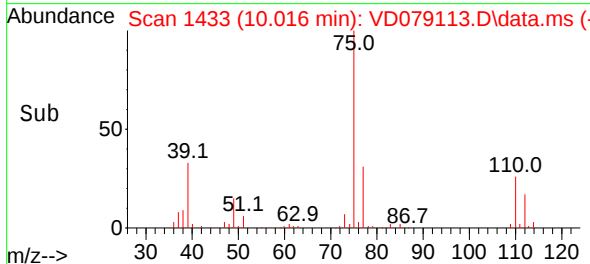
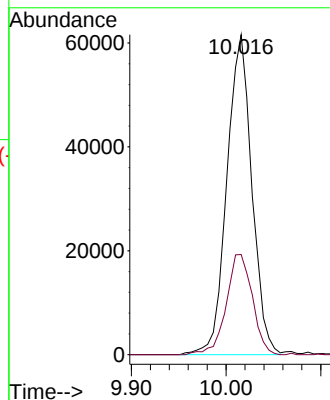
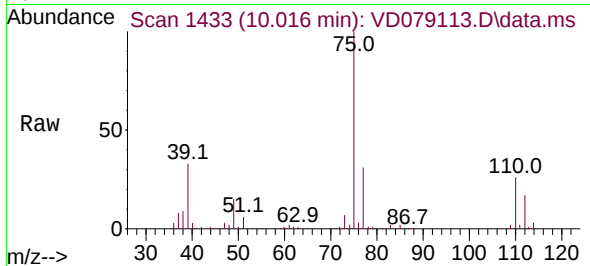
ClientSampleId :

Tgt Ion: 75 Resp: 112729

Ion Ratio Lower Upper

75 100

77 31.3 23.4 43.4



#40

4-Methyl-2-pentanone

Concen: 59.031 ug/L

RT: 10.157 min Scan# 1457

Delta R.T. -0.000 min

Lab File: VD079113.D

Acq: 31 May 2024 18:09

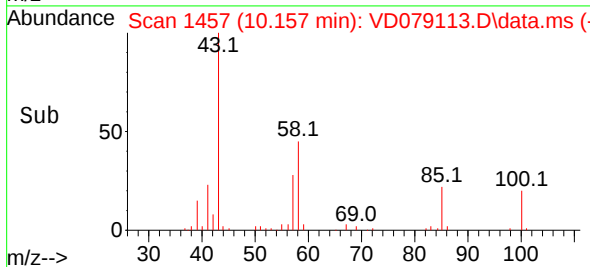
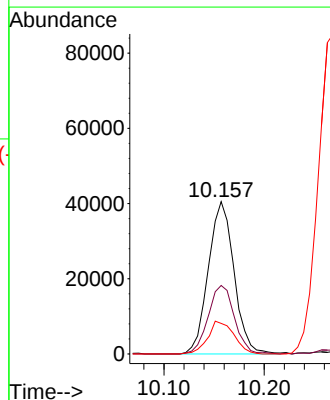
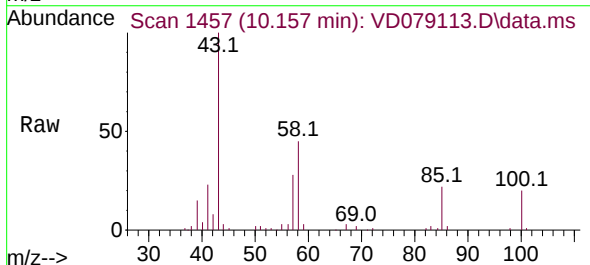
Tgt Ion: 43 Resp: 72245

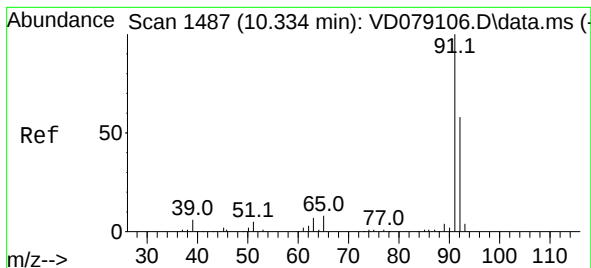
Ion Ratio Lower Upper

43 100

58 45.9 34.0 51.0

100 21.8 16.9 25.3





#42

Toluene

Concen: 24.995 ug/L

RT: 10.334 min Scan# 1487

Delta R.T. -0.000 min

Lab File: VD079113.D

Acq: 31 May 2024 18:09

Instrument :

MSVOA_D

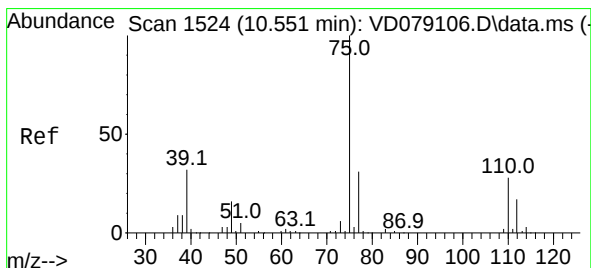
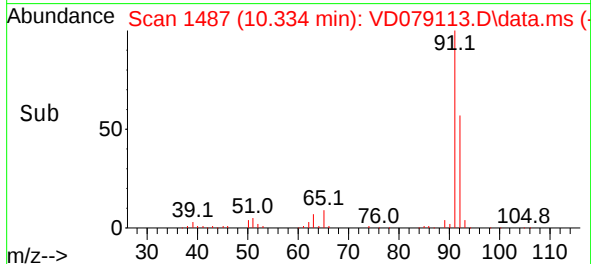
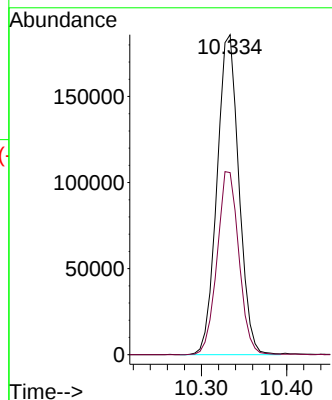
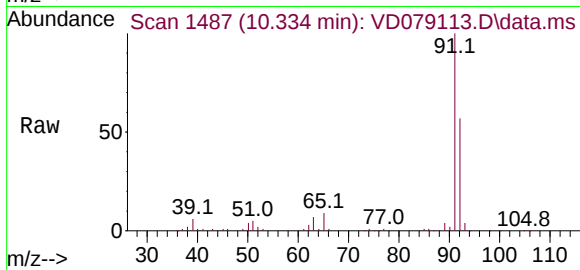
ClientSampleId :

Tgt Ion: 91 Resp: 332210

Ion Ratio Lower Upper

91 100

92 56.9 38.9 72.3



#44

trans-1,3-Dichloropropene

Concen: 25.987 ug/L

RT: 10.551 min Scan# 1524

Delta R.T. -0.000 min

Lab File: VD079113.D

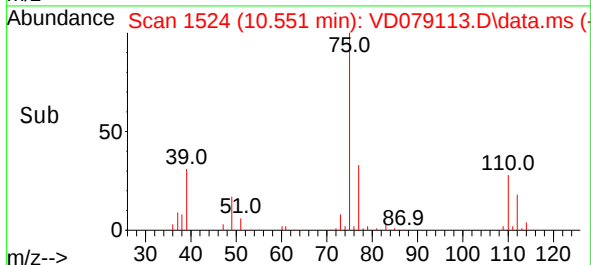
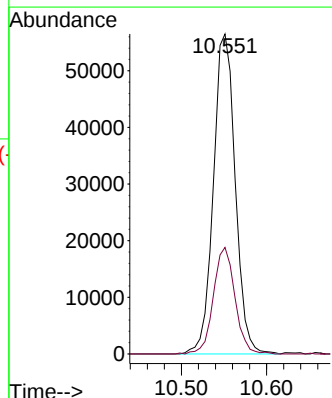
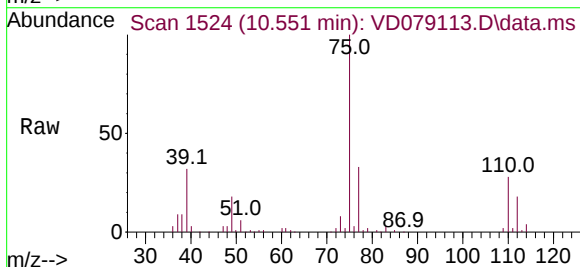
Acq: 31 May 2024 18:09

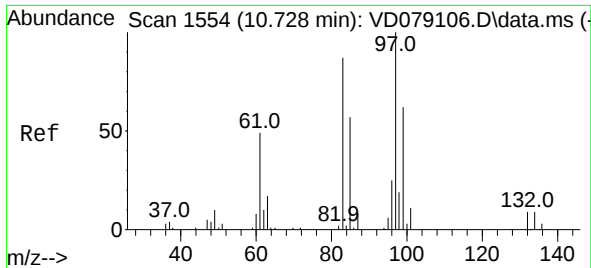
Tgt Ion: 75 Resp: 100573

Ion Ratio Lower Upper

75 100

77 33.3 24.3 45.1

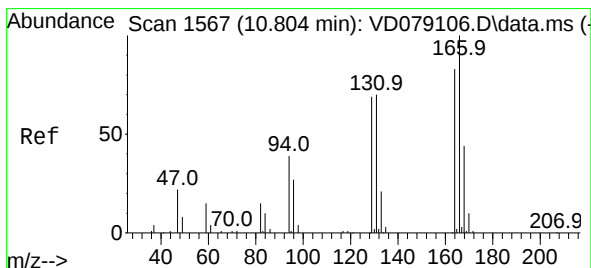
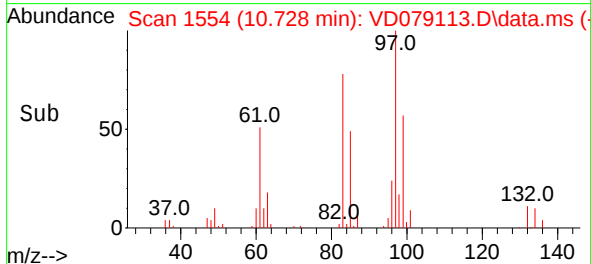
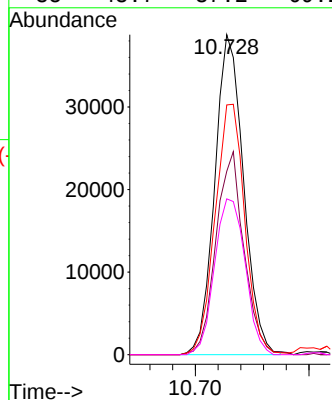
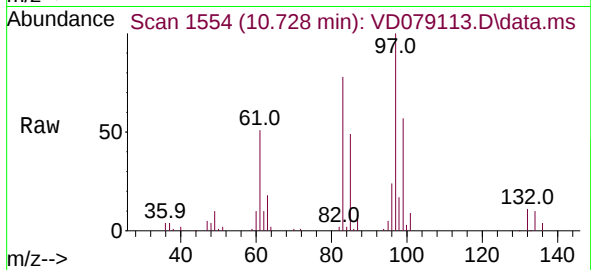




#45
1,1,2-Trichloroethane
Concen: 26.511 ug/L
RT: 10.728 min Scan# 1554
Delta R.T. -0.000 min
Lab File: VD079113.D
Acq: 31 May 2024 18:09

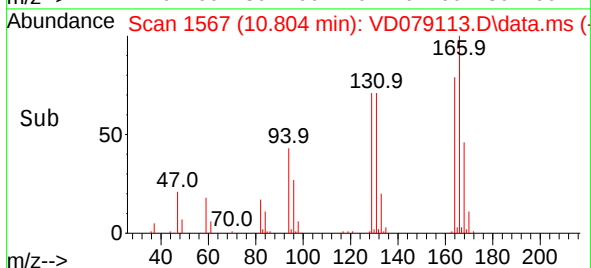
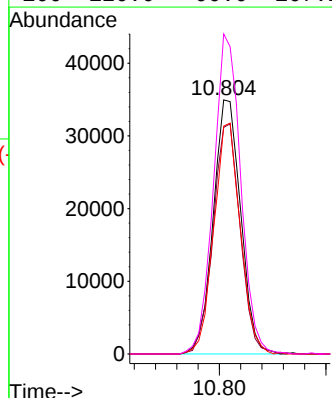
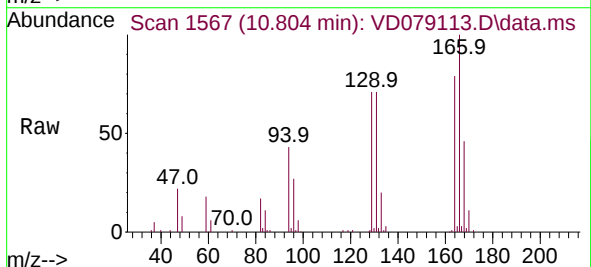
Instrument :
MSVOA_D
ClientSampleId :

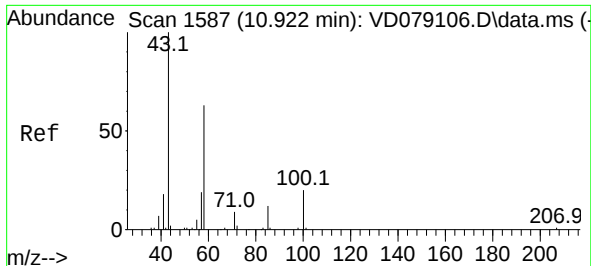
Tgt Ion:	97	Resp:	68186
Ion	Ratio	Lower	Upper
97	100		
99	57.3	43.0	79.8
83	78.1	58.9	109.5
85	48.7	37.2	69.2



#46
Tetrachloroethene
Concen: 23.007 ug/L
RT: 10.804 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VD079113.D
Acq: 31 May 2024 18:09

Tgt Ion:	164	Resp:	62449
Ion	Ratio	Lower	Upper
164	100		
129	89.2	64.3	119.5
131	89.7	61.2	113.8
166	126.0	90.0	167.2





#48

2-Hexanone

Concen: 52.997 ug/L

RT: 10.922 min Scan# 1587

Delta R.T. -0.000 min

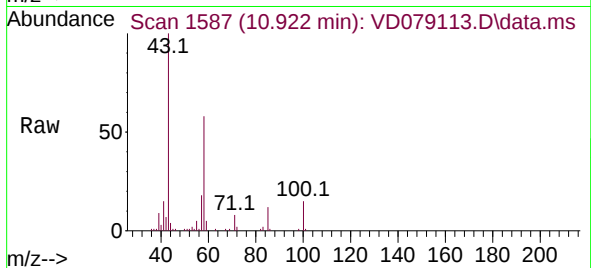
Lab File: VD079113.D

Acq: 31 May 2024 18:09

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 43 Resp: 56125

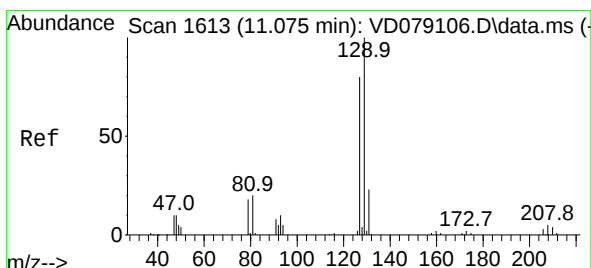
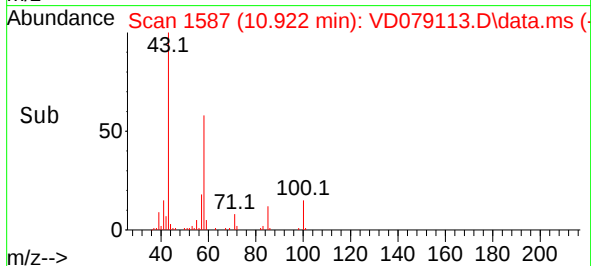
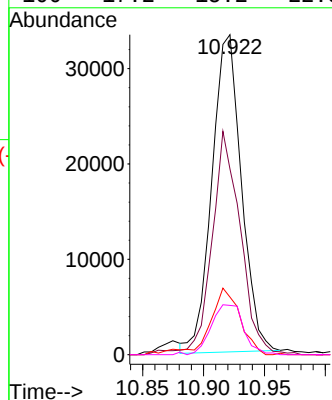
Ion Ratio Lower Upper

43 100

58 67.0 50.1 75.1

57 19.8 16.5 24.7

100 17.2 15.2 22.8



#49

Dibromochloromethane

Concen: 24.962 ug/L

RT: 11.069 min Scan# 1612

Delta R.T. -0.006 min

Lab File: VD079113.D

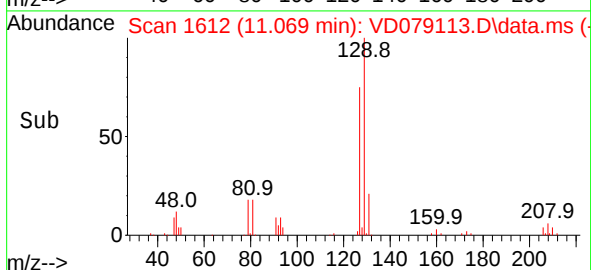
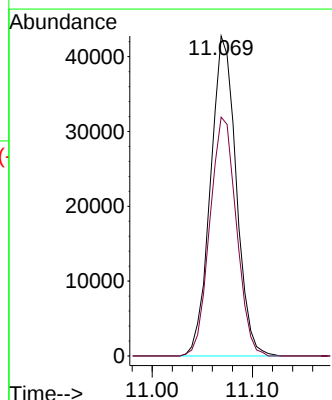
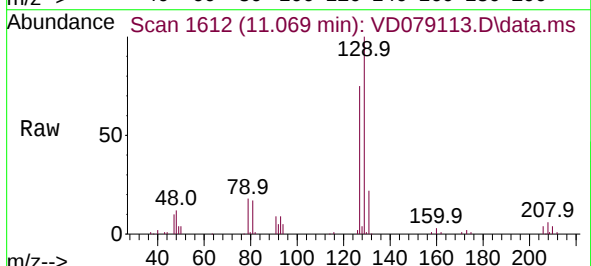
Acq: 31 May 2024 18:09

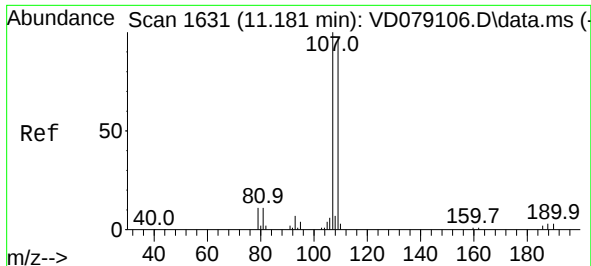
Tgt Ion: 129 Resp: 76028

Ion Ratio Lower Upper

129 100

127 74.7 56.4 104.7





#50

1,2-Dibromoethane

Concen: 26.416 ug/L

RT: 11.175 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD079113.D

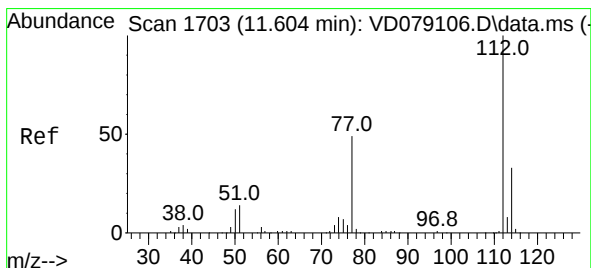
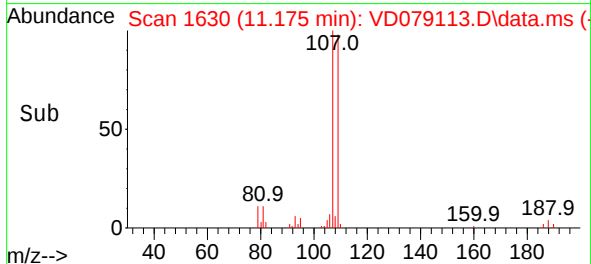
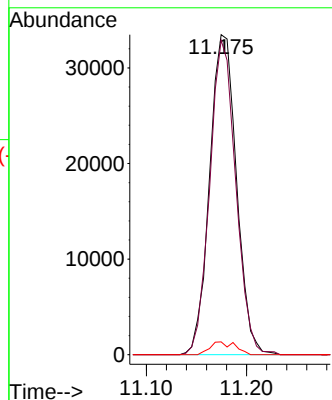
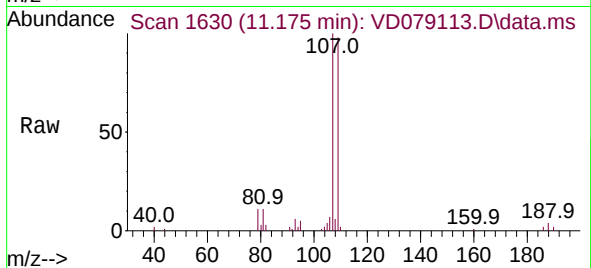
Acq: 31 May 2024 18:09

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:107	Resp:	62442
Ion Ratio	Lower	Upper
107	100	
109	98.3	64.5 119.7
188	4.0	2.6 3.8#



#51

Chlorobenzene

Concen: 24.131 ug/L

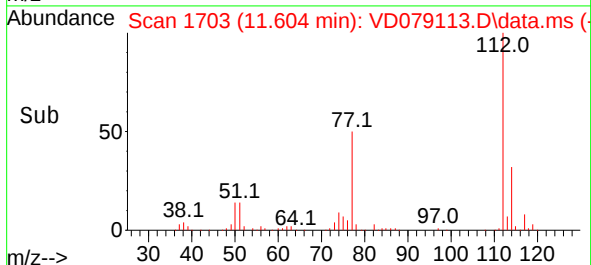
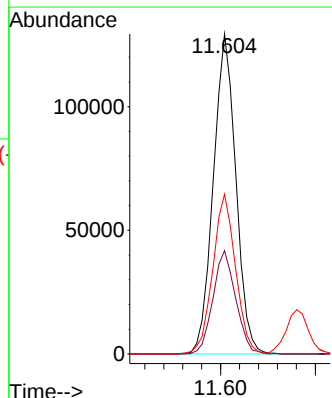
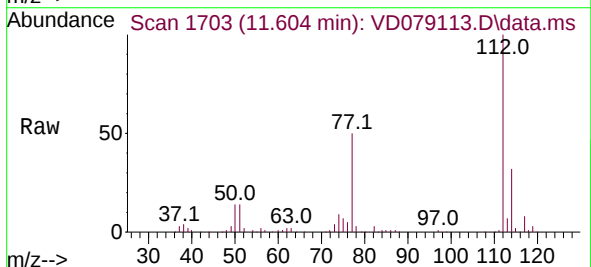
RT: 11.604 min Scan# 1703

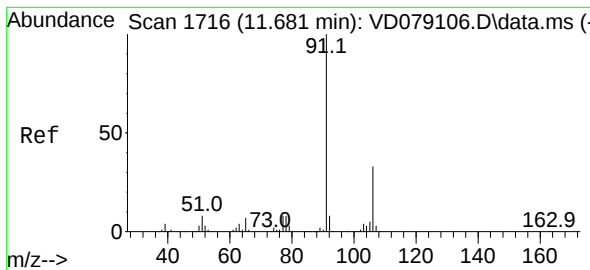
Delta R.T. -0.000 min

Lab File: VD079113.D

Acq: 31 May 2024 18:09

Tgt Ion:112	Resp:	213398
Ion Ratio	Lower	Upper
112	100	
114	32.2	22.7 42.3
77	49.9	38.4 57.6





#52

Ethylbenzene

Concen: 24.997 ug/L

RT: 11.681 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VD079113.D

Acq: 31 May 2024 18:09

Instrument :

MSVOA_D

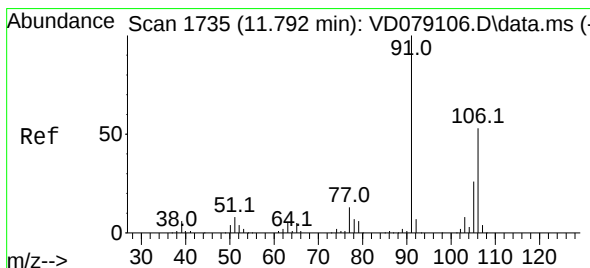
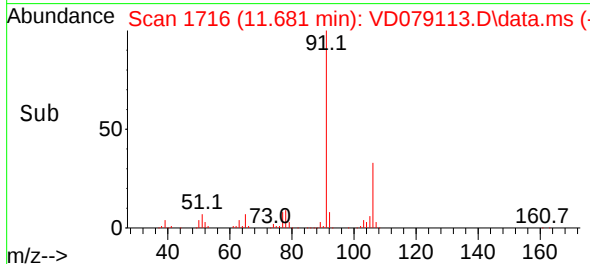
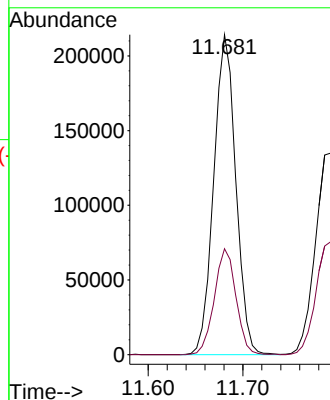
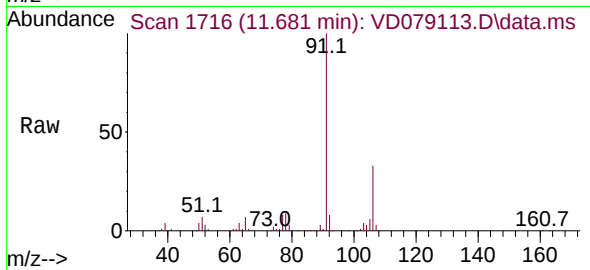
ClientSampleId :

Tgt Ion: 91 Resp: 346545

Ion Ratio Lower Upper

91 100

106 33.1 22.3 41.5



#53

m,p-Xylene

Concen: 25.652 ug/L

RT: 11.792 min Scan# 1735

Delta R.T. -0.000 min

Lab File: VD079113.D

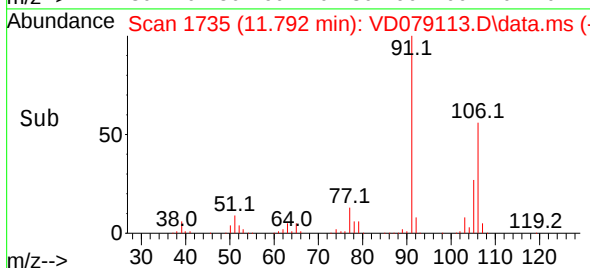
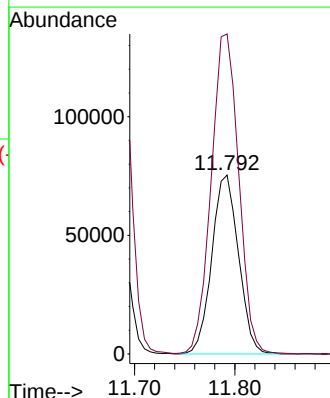
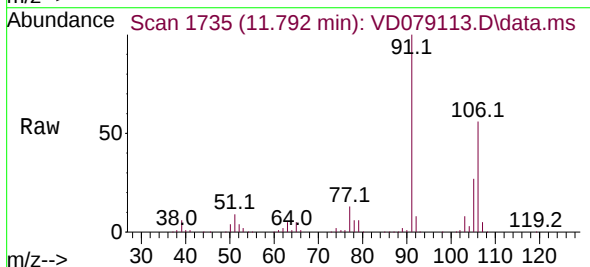
Acq: 31 May 2024 18:09

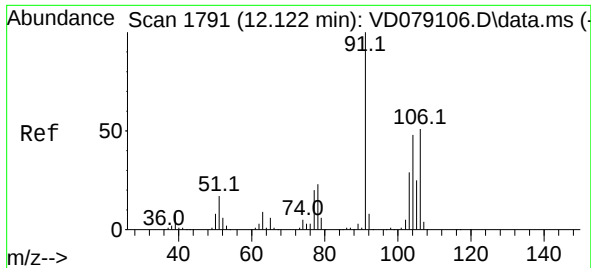
Tgt Ion:106 Resp: 139527

Ion Ratio Lower Upper

106 100

91 178.8 133.1 247.1

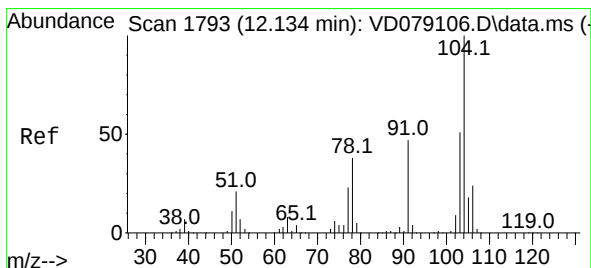
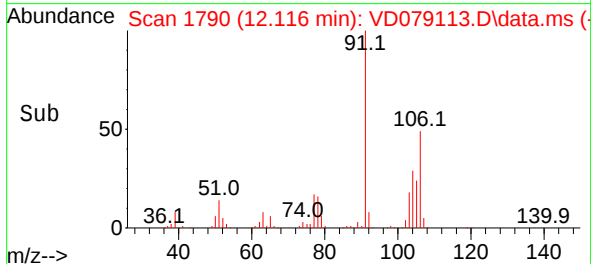
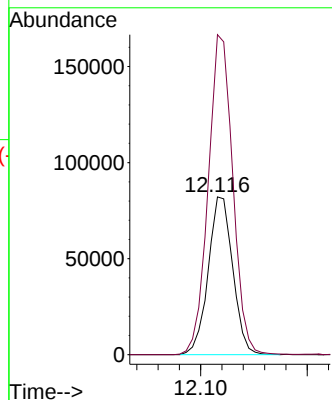
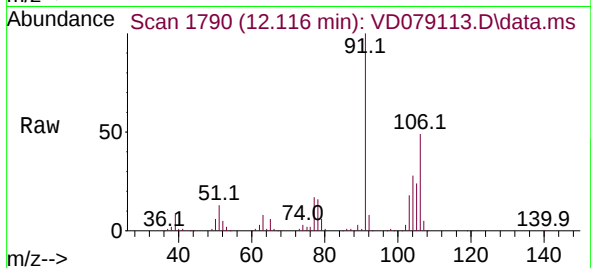




#54
o-Xylene
Concen: 25.027 ug/L
RT: 12.116 min Scan# 1790
Delta R.T. -0.006 min
Lab File: VD079113.D
Acq: 31 May 2024 18:09

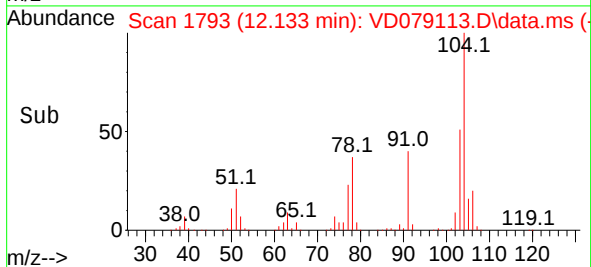
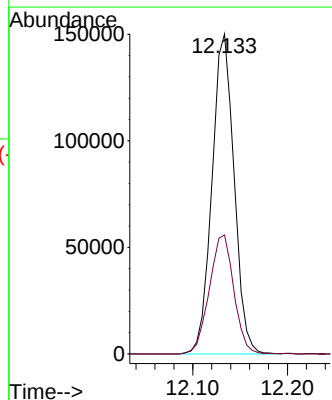
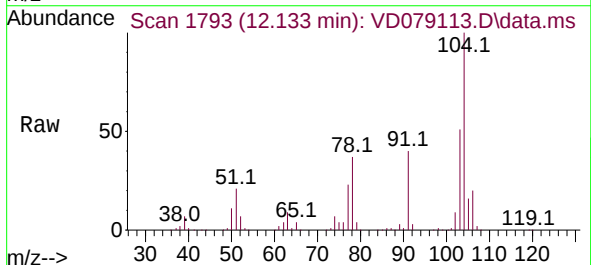
Instrument :
MSVOA_D
ClientSampleId :

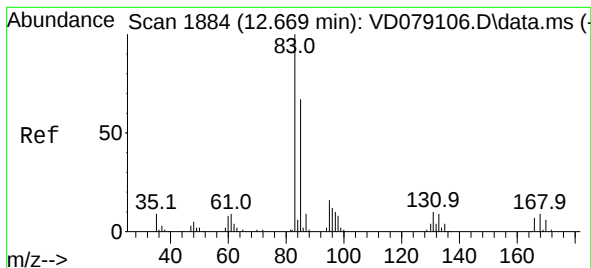
Tgt Ion:106 Resp: 131515
Ion Ratio Lower Upper
106 100
91 202.8 132.9 246.9



#55
Styrene
Concen: 26.114 ug/L
RT: 12.133 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD079113.D
Acq: 31 May 2024 18:09

Tgt Ion:104 Resp: 243326
Ion Ratio Lower Upper
104 100
78 37.2 27.8 51.6

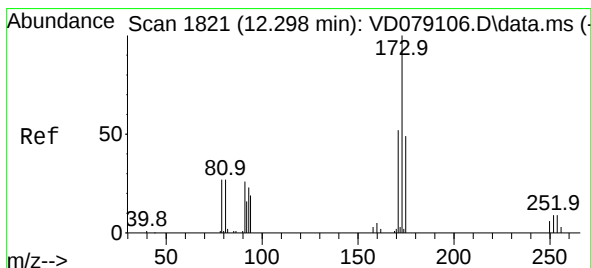
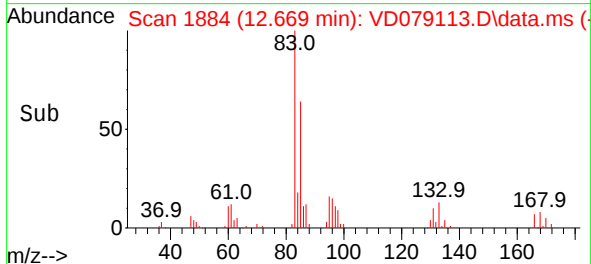
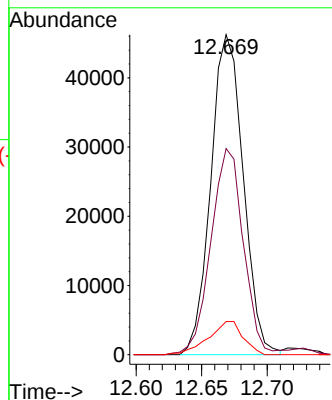
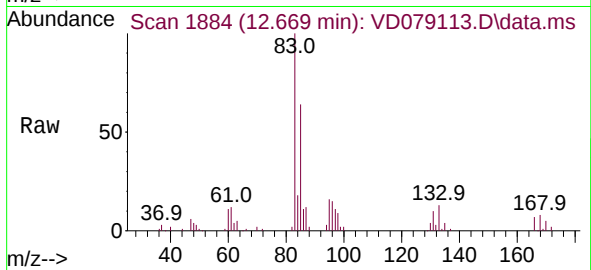




#57
1,1,2,2-Tetrachloroethane
Concen: 27.620 ug/L
RT: 12.669 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VD079113.D
Acq: 31 May 2024 18:09

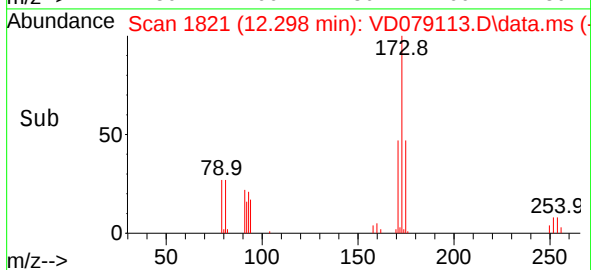
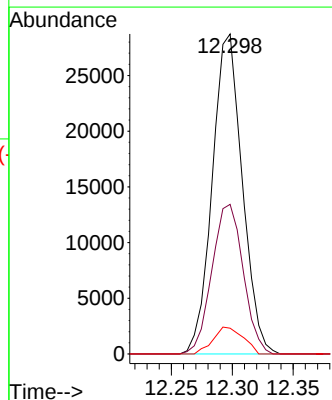
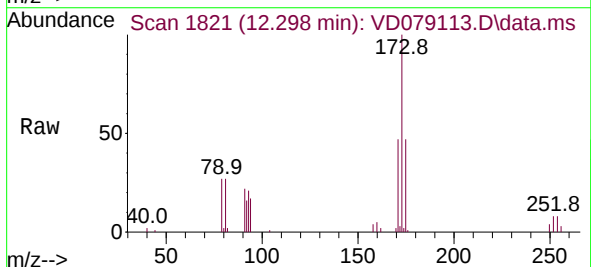
Instrument :
MSVOA_D
ClientSampleId :

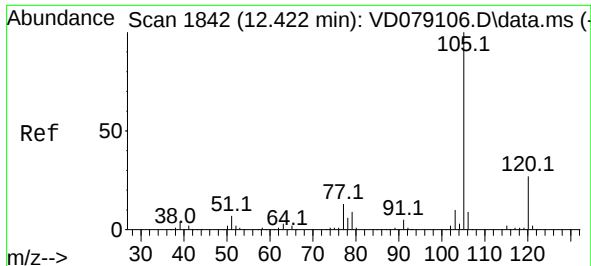
Tgt Ion: 83 Resp: 79520
Ion Ratio Lower Upper
83 100
85 64.4 47.5 88.1
131 10.3 8.6 13.0



#59
Bromoform
Concen: 25.121 ug/L
RT: 12.298 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD079113.D
Acq: 31 May 2024 18:09

Tgt Ion:173 Resp: 49166
Ion Ratio Lower Upper
173 100
175 48.7 38.2 57.4
254 8.4 7.0 10.6

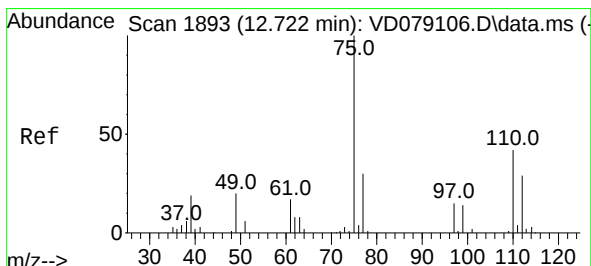
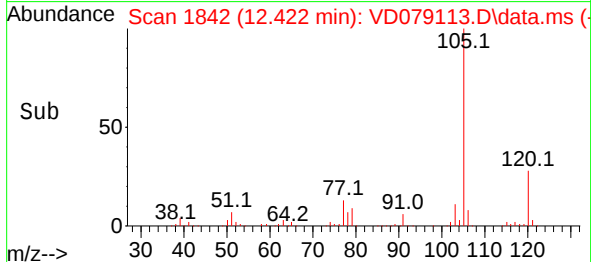
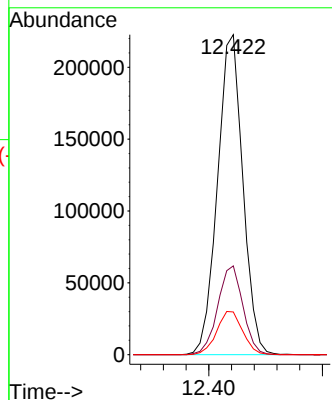
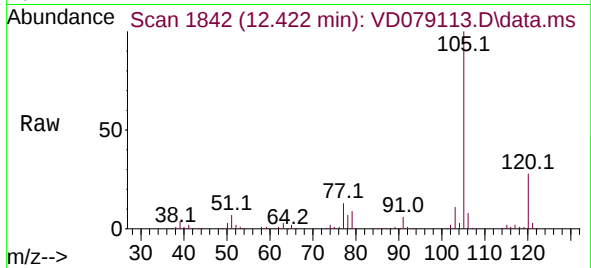




#60
Isopropylbenzene
Concen: 24.457 ug/L
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD079113.D
Acq: 31 May 2024 18:09

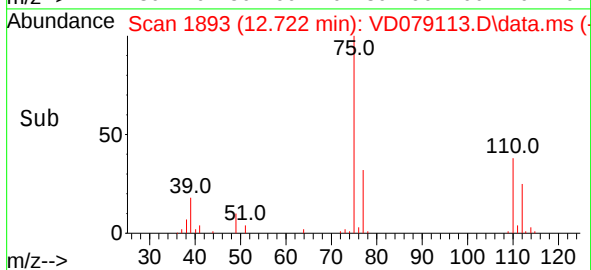
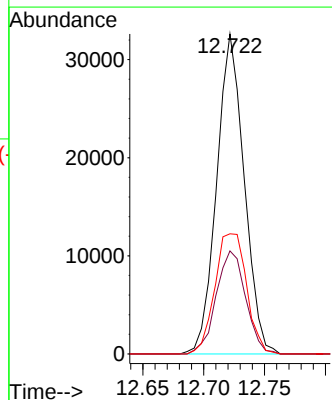
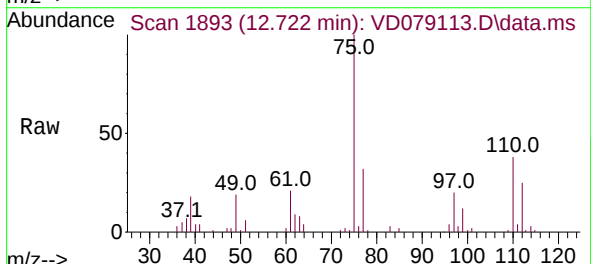
Instrument :
MSVOA_D
ClientSampleId :

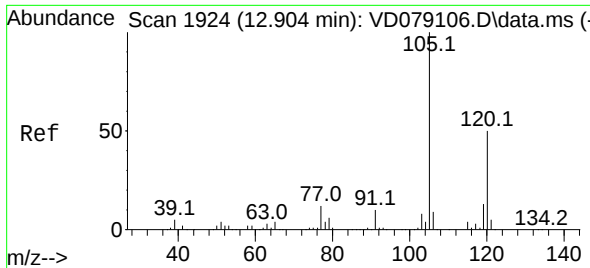
Tgt Ion:105 Resp: 345326
Ion Ratio Lower Upper
105 100
120 27.5 21.9 32.9
77 13.9 10.9 16.3



#61
1,2,3-Trichloropropane
Concen: 27.234 ug/L
RT: 12.722 min Scan# 1893
Delta R.T. -0.000 min
Lab File: VD079113.D
Acq: 31 May 2024 18:09

Tgt Ion: 75 Resp: 51345
Ion Ratio Lower Upper
75 100
77 34.4 25.9 38.9
110 43.4 34.2 51.4





#62

1,3,5-Trimethylbenzene

Concen: 24.856 ug/L

RT: 12.904 min Scan# 1924

Delta R.T. -0.000 min

Lab File: VD079113.D

Acq: 31 May 2024 18:09

Instrument :

MSVOA_D

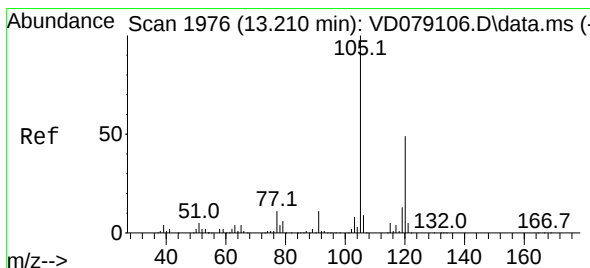
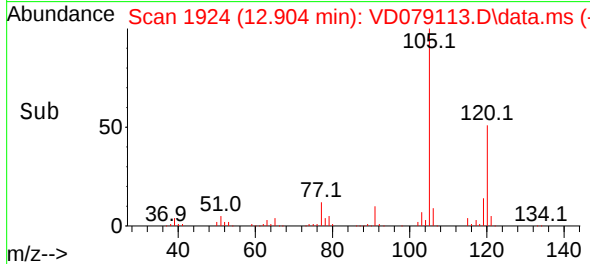
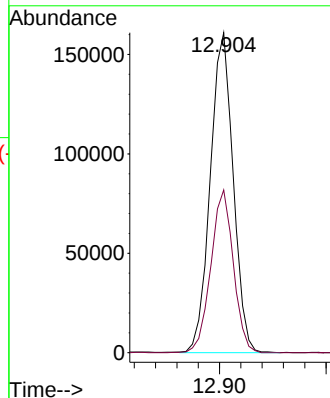
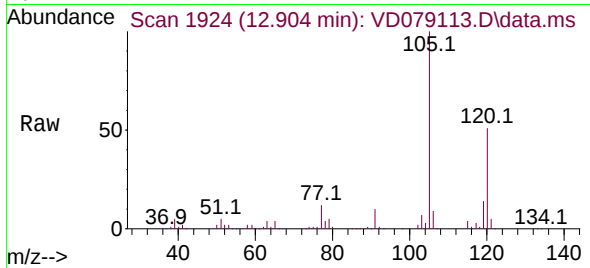
ClientSampleId :

Tgt Ion:105 Resp: 239963

Ion Ratio Lower Upper

105 100

120 49.8 40.7 61.1



#63

1,2,4-Trimethylbenzene

Concen: 25.302 ug/L

RT: 13.210 min Scan# 1976

Delta R.T. -0.000 min

Lab File: VD079113.D

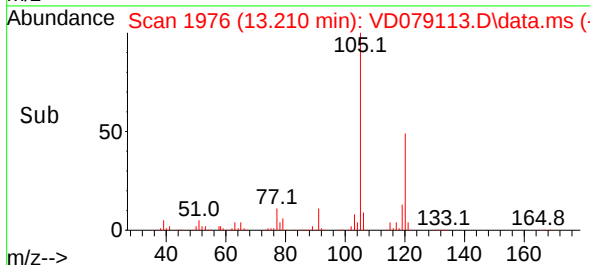
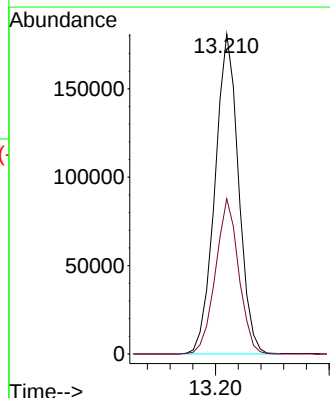
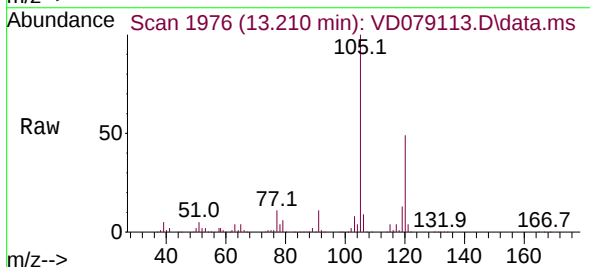
Acq: 31 May 2024 18:09

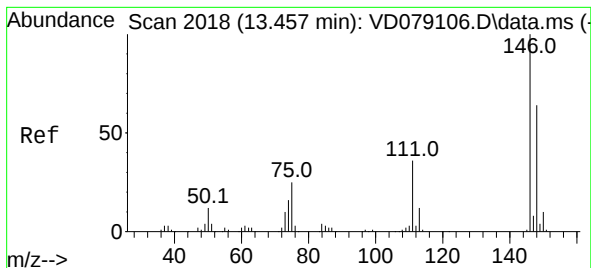
Tgt Ion:105 Resp: 261267

Ion Ratio Lower Upper

105 100

120 47.6 38.0 57.0





#64

1,3-Dichlorobenzene

Concen: 23.802 ug/L

RT: 13.457 min Scan# 2018

Delta R.T. -0.000 min

Lab File: VD079113.D

Acq: 31 May 2024 18:09

Instrument :

MSVOA_D

ClientSampleId :

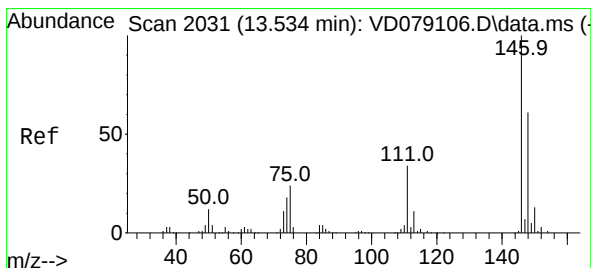
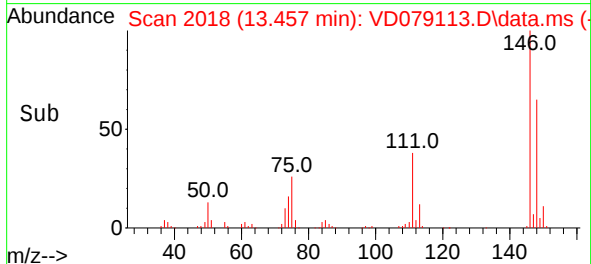
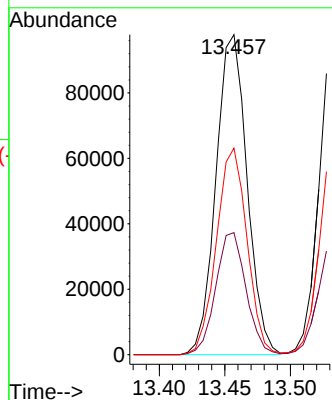
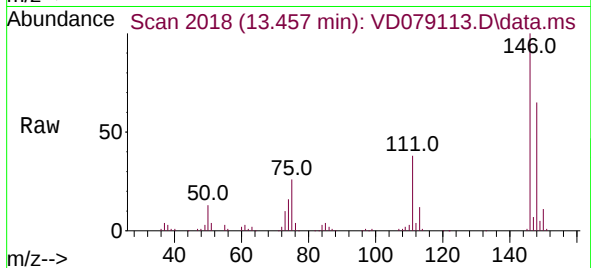
Tgt Ion:146 Resp: 161453

Ion Ratio Lower Upper

146 100

111 38.2 24.4 45.4

148 64.6 44.9 83.3



#65

1,4-Dichlorobenzene

Concen: 23.677 ug/L

RT: 13.533 min Scan# 2031

Delta R.T. -0.000 min

Lab File: VD079113.D

Acq: 31 May 2024 18:09

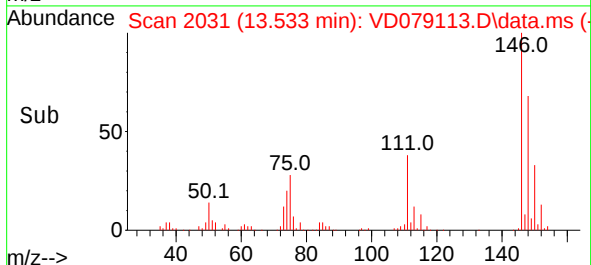
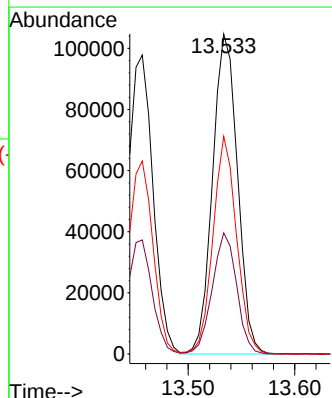
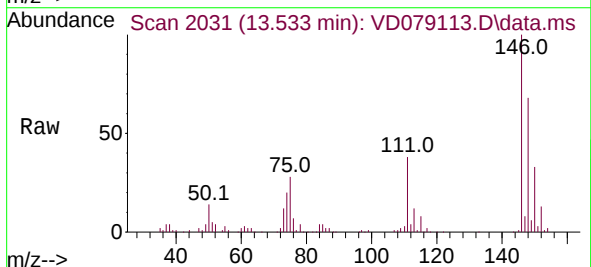
Tgt Ion:146 Resp: 170173

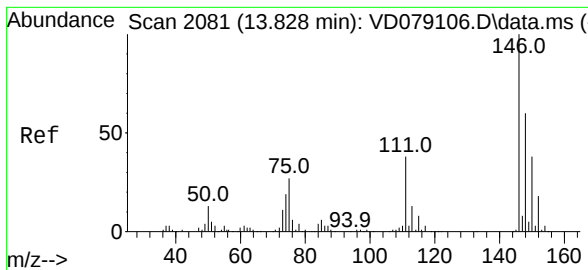
Ion Ratio Lower Upper

146 100

111 37.9 26.3 48.9

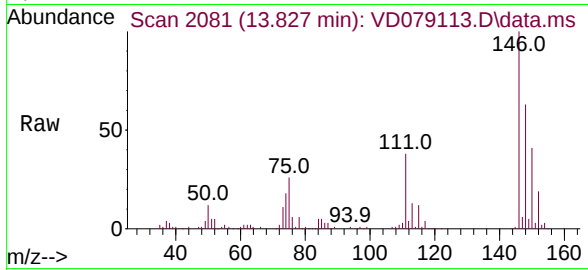
148 68.0 43.1 80.1



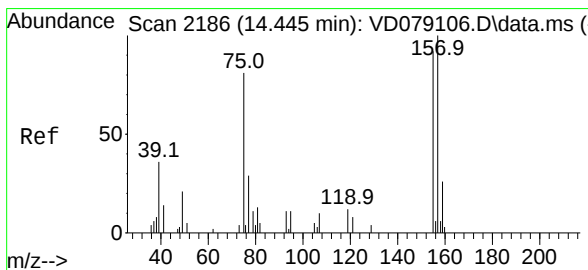
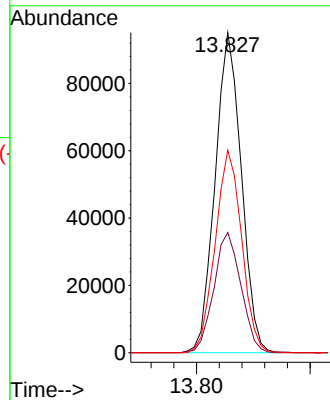
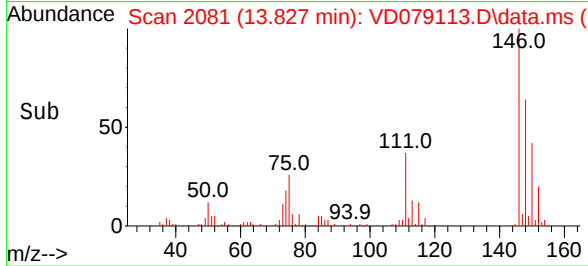


#67
 1,2-Dichlorobenzene
 Concen: 24.328 ug/L
 RT: 13.827 min Scan# 2081
 Delta R.T. -0.000 min
 Lab File: VD079113.D
 Acq: 31 May 2024 18:09

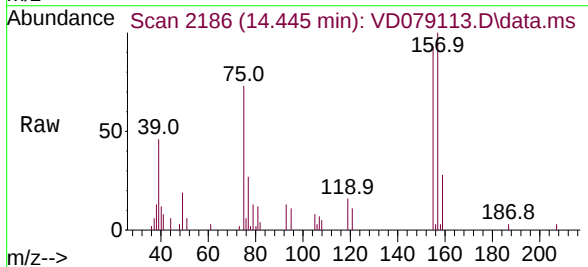
Instrument :
 MSVOA_D
 ClientSampleId :



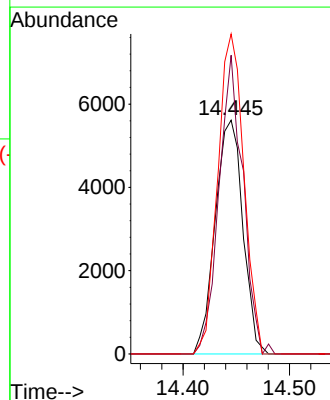
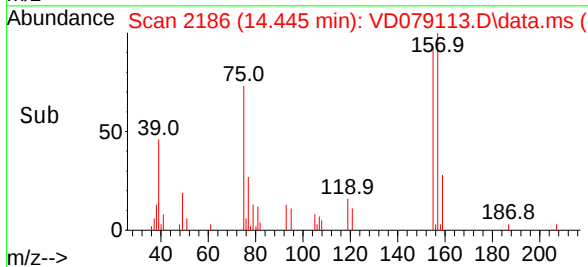
Tgt Ion:146 Resp: 152551
 Ion Ratio Lower Upper
 146 100
 111 37.6 29.1 43.7
 148 63.3 51.2 76.8

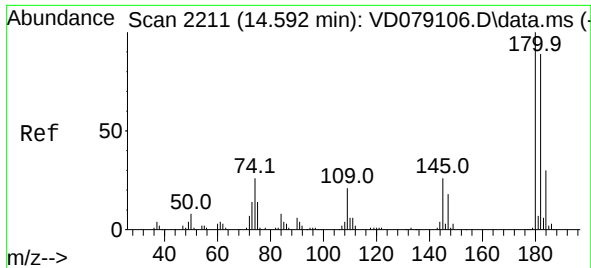


#68
 1,2-Dibromo-3-chloropropane
 Concen: 26.094 ug/L
 RT: 14.445 min Scan# 2186
 Delta R.T. -0.000 min
 Lab File: VD079113.D
 Acq: 31 May 2024 18:09



Tgt Ion: 75 Resp: 10113
 Ion Ratio Lower Upper
 75 100
 155 127.8 68.1 102.1#
 157 136.9 91.6 137.4





#69

1,3,5-Trichlorobenzene

Concen: 23.788 ug/L

RT: 14.592 min Scan# 2211

Delta R.T. -0.000 min

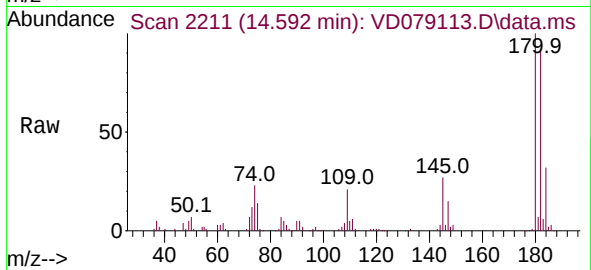
Lab File: VD079113.D

Acq: 31 May 2024 18:09

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:180 Resp: 101769

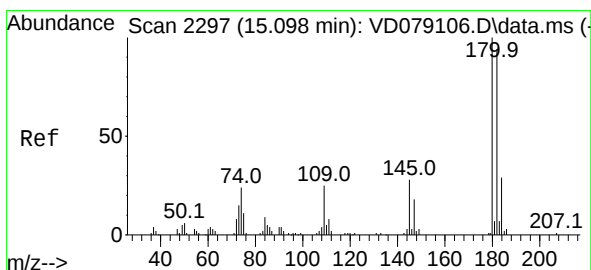
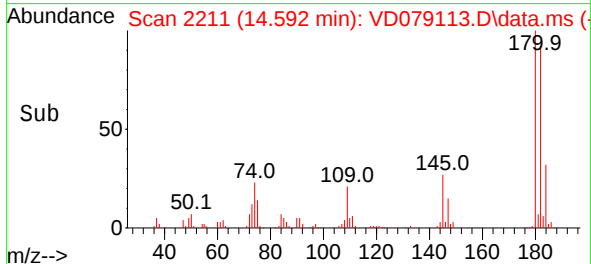
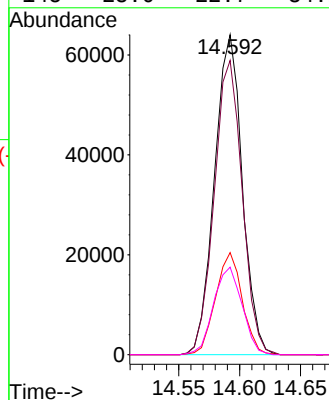
Ion Ratio Lower Upper

180 100

182 92.6 76.9 115.3

184 30.6 23.3 34.9

145 28.0 22.7 34.1



#70

1,2,4-trichlorobenzene

Concen: 23.510 ug/L

RT: 15.098 min Scan# 2297

Delta R.T. -0.000 min

Lab File: VD079113.D

Acq: 31 May 2024 18:09

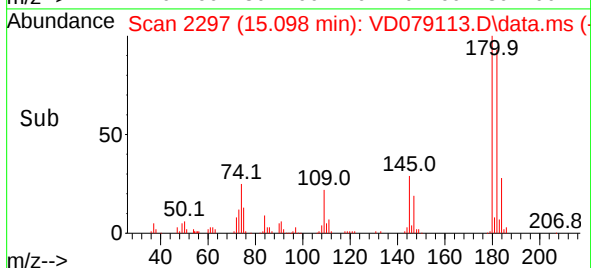
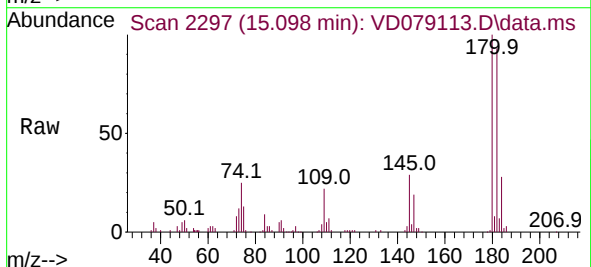
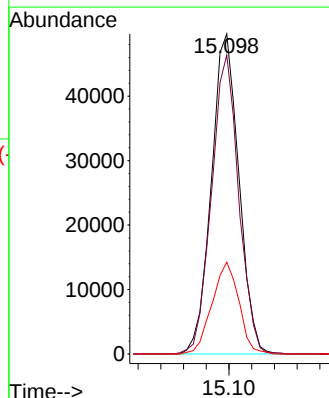
Tgt Ion:180 Resp: 83531

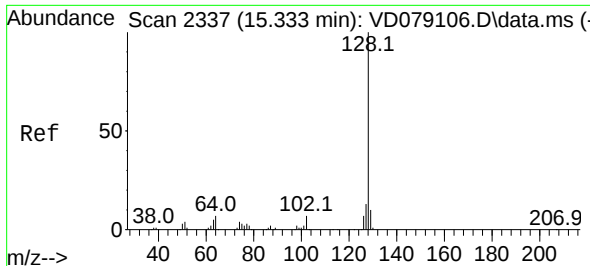
Ion Ratio Lower Upper

180 100

182 92.0 73.8 110.6

145 28.0 22.3 33.5

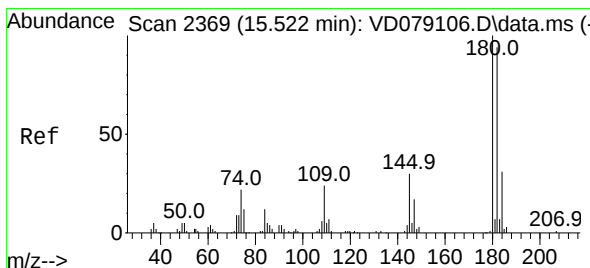
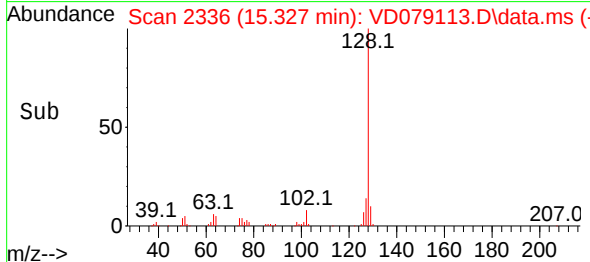
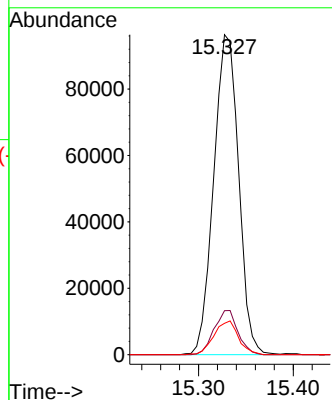
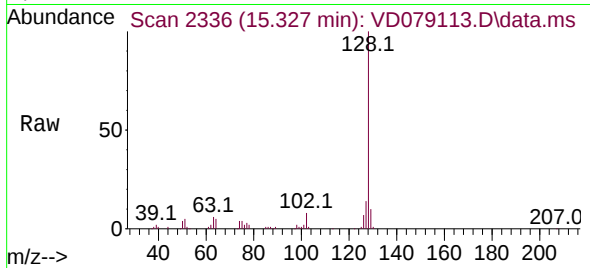




#71
Naphthalene
Concen: 26.502 ug/L
RT: 15.327 min Scan# 2336
Delta R.T. -0.006 min
Lab File: VD079113.D
Acq: 31 May 2024 18:09

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128 Resp: 176104
Ion Ratio Lower Upper
128 100
127 13.2 10.8 16.2
129 10.4 8.5 12.7



#72
1,2,3-Trichlorobenzene
Concen: 25.645 ug/L
RT: 15.516 min Scan# 2368
Delta R.T. -0.006 min
Lab File: VD079113.D
Acq: 31 May 2024 18:09

Tgt Ion:180 Resp: 78752
Ion Ratio Lower Upper
180 100
182 95.9 79.4 119.2
145 31.6 24.7 37.1

