

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD053124\
 Data File : VD079110.D
 Acq On : 31 May 2024 16:20
 Operator : RP/MD
 Sample : P2642-03MSD
 Misc : 3.91G/10ml/MSVOA_D/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jun 01 00:36:58 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	196979	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	194641	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	102838	25.000	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.275	65	140547	23.186	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.760%
7) Chloroethane-d5	2.799	69	130654	22.291	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.160%
11) 1,1-Dichloroethene-d2	3.922	65	23704	22.028	ug/L	0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	88.120%
21) 2-Butanone-d5	6.987	46	23128	49.884	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.760%
24) Chloroform-d	7.569	84	122743	22.286	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.160%
26) 1,2-Dichloroethane-d4	8.228	65	60829	23.942	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.760%
32) Benzene-d6	8.199	84	252315	23.384	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.520%
36) 1,2-Dichloropropane-d6	9.210	67	69354	22.313	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.240%
41) Toluene-d8	10.269	98	236291	23.388	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.560%
43) trans-1,3-Dichloroprop...	10.522	79	30924	23.671	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.680%
47) 2-Hexanone-d5	10.875	63	21132	52.591	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.180%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	67474	24.509	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.040%
66) 1,2-Dichlorobenzene-d4	13.810	152	81173	22.871	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.480%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.934	85	72281	23.181	ug/L	98
3) Chloromethane	2.146	50	104751	25.205	ug/L	98
5) Vinyl chloride	2.281	62	182039	26.538	ug/L	98
6) Bromomethane	2.693	94	125278	23.657	ug/L	95
8) Chloroethane	2.834	64	124411	24.745	ug/L	94
9) Trichlorofluoromethane	3.175	101	122060	23.358	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	3.963	101	76860	24.529	ug/L	99
12) 1,1-Dichloroethene	3.934	96	65729	24.094	ug/L	88
13) Acetone	4.016	43	39170	58.356	ug/L	98
14) Carbon disulfide	4.269	76	229999	24.169	ug/L	97
15) Methyl Acetate	4.563	43	24955	27.287	ug/L #	82
16) Methylene chloride	4.793	84	94401	26.896	ug/L	90
17) trans-1,2-Dichloroethene	5.310	96	74681	25.332	ug/L	96
18) Methyl tert-butyl Ether	5.316	73	139825	26.742	ug/L #	90
19) 1,1-Dichloroethane	6.110	63	117136	24.678	ug/L	97
20) cis-1,2-Dichloroethene	7.081	96	80148	26.109	ug/L	98
22) 2-Butanone	7.081	43	41195	58.422	ug/L	94
23) Bromochloromethane	7.422	128	39882	25.626	ug/L	92
25) Chloroform	7.593	83	133470	24.767	ug/L	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD053124\
 Data File : VD079110.D
 Acq On : 31 May 2024 16:20
 Operator : RP/MD
 Sample : P2642-03MSD
 Misc : 3.91G/10ml/MSVOA_D/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jun 01 00:36:58 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

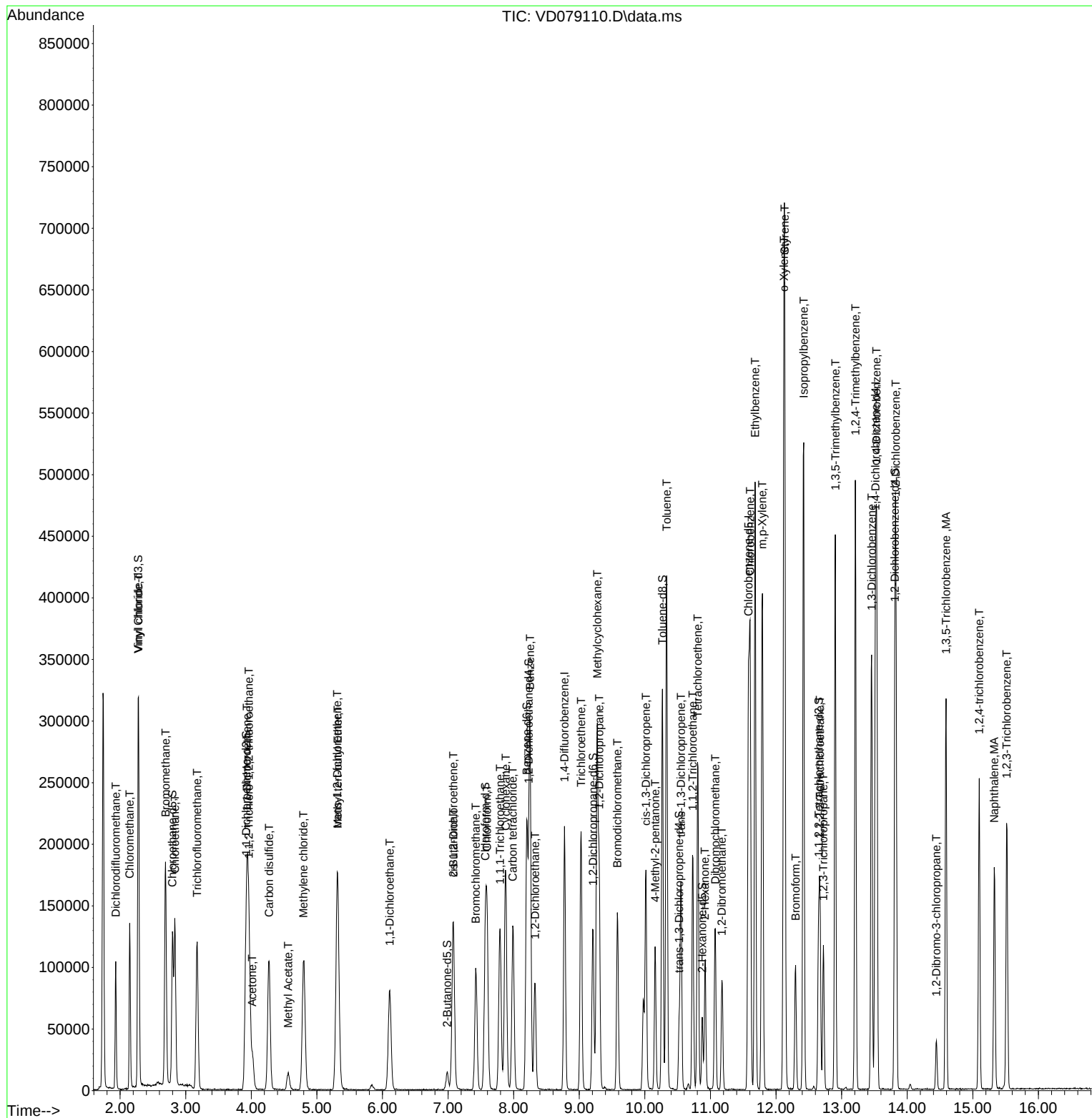
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.328	62	79403	25.382	ug/L	95
29) Cyclohexane	7.881	56	93120	26.516	ug/L	99
30) 1,1,1-Trichloroethane	7.793	97	114472	24.841	ug/L	99
31) Carbon tetrachloride	7.987	117	103784	24.235	ug/L	97
33) Benzene	8.251	78	299002	25.792	ug/L	100
34) Trichloroethene	9.028	95	74496	24.950	ug/L	97
35) Methylcyclohexane	9.275	83	125560	25.379	ug/L	99
37) 1,2-Dichloropropane	9.304	63	75110	26.451	ug/L	100
38) Bromodichloromethane	9.581	83	99034	25.088	ug/L	96
39) cis-1,3-Dichloropropene	10.016	75	114458	25.821	ug/L	97
40) 4-Methyl-2-pentanone	10.157	43	67766	57.169	ug/L	94
42) Toluene	10.334	91	339196	26.350	ug/L	99
44) trans-1,3-Dichloropropene	10.551	75	97584	26.033	ug/L	97
45) 1,1,2-Trichloroethane	10.728	97	64816	26.018	ug/L	96
46) Tetrachloroethene	10.804	164	63221	24.047	ug/L	97
48) 2-Hexanone	10.916	43	61191	59.657	ug/L	97
49) Dibromochloromethane	11.075	129	75212	25.495	ug/L	90
50) 1,2-Dibromoethane	11.175	107	59263	25.885	ug/L	97
51) Chlorobenzene	11.604	112	217073	25.343	ug/L	98
52) Ethylbenzene	11.681	91	353054	26.293	ug/L	99
53) m,p-Xylene	11.792	106	143334	27.207	ug/L	94
54) o-Xylene	12.122	106	134266	26.379	ug/L	92
55) Styrene	12.134	104	245897	27.247	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.669	83	74691	26.785	ug/L	94
59) Bromoform	12.298	173	45568	24.177	ug/L	95
60) Isopropylbenzene	12.422	105	351083	25.819	ug/L	100
61) 1,2,3-Trichloropropane	12.722	75	48982	26.978	ug/L	99
62) 1,3,5-Trimethylbenzene	12.904	105	242597	26.093	ug/L	99
63) 1,2,4-Trimethylbenzene	13.210	105	262545	26.402	ug/L	99
64) 1,3-Dichlorobenzene	13.457	146	165674	25.362	ug/L	99
65) 1,4-Dichlorobenzene	13.534	146	173715	25.098	ug/L	97
67) 1,2-Dichlorobenzene	13.828	146	152552	25.262	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.445	75	9946	26.648	ug/L	96
69) 1,3,5-Trichlorobenzene	14.592	180	104631	25.396	ug/L	97
70) 1,2,4-trichlorobenzene	15.098	180	80089	23.406	ug/L	94
71) Naphthalene	15.328	128	163293	25.518	ug/L	99
72) 1,2,3-Trichlorobenzene	15.516	180	77600	26.240	ug/L	97

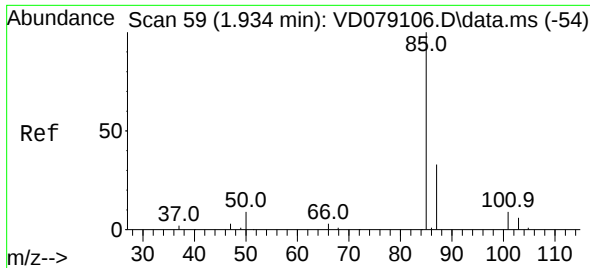
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD053124\
 Data File : VD079110.D
 Acq On : 31 May 2024 16:20
 Operator : RP/MD
 Sample : P2642-03MSD
 Misc : 3.91G/10ml/MSVOA_D/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jun 01 00:36:58 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

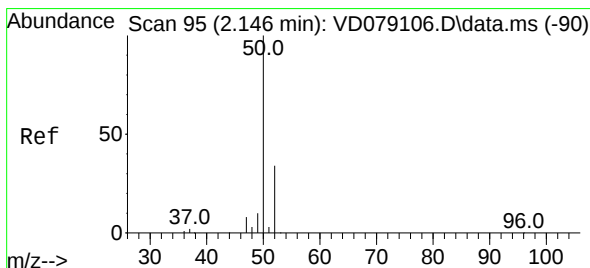
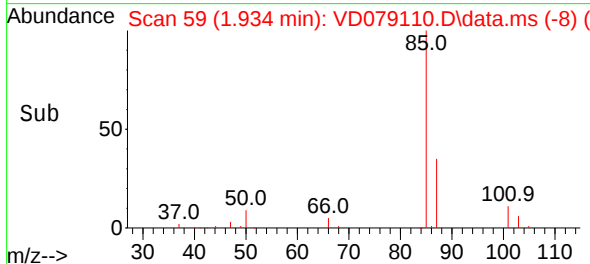
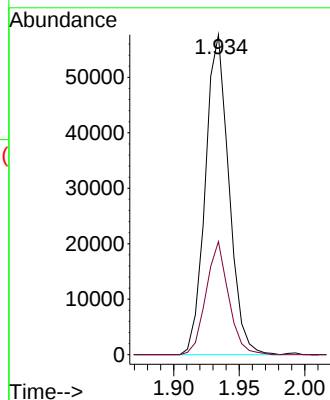
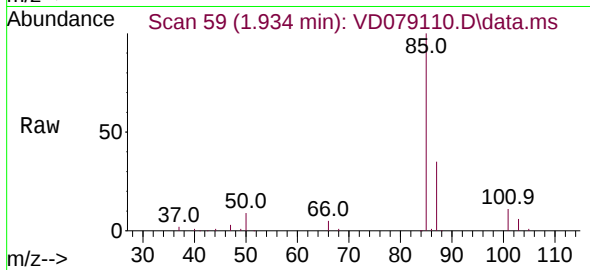




#2
 Dichlorodifluoromethane
 Concen: 23.181 ug/L
 RT: 1.934 min Scan# 59
 Delta R.T. 0.000 min
 Lab File: VD079110.D
 Acq: 31 May 2024 16:20

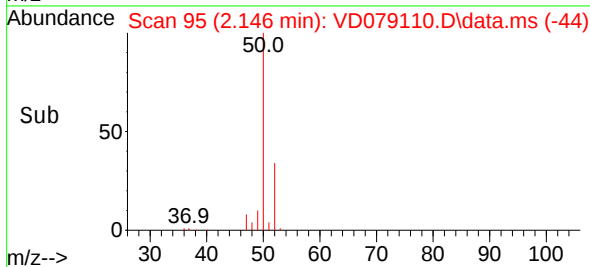
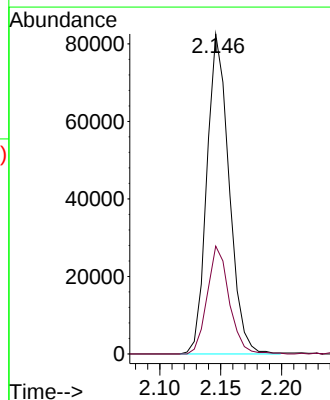
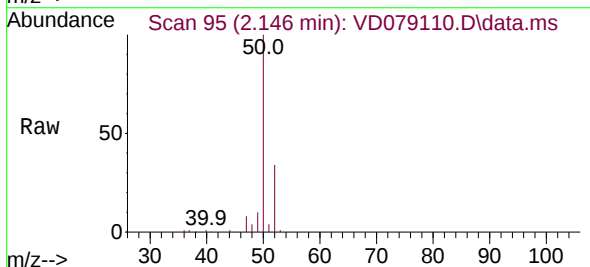
Instrument :
 MSVOA_D
 ClientSampleId :

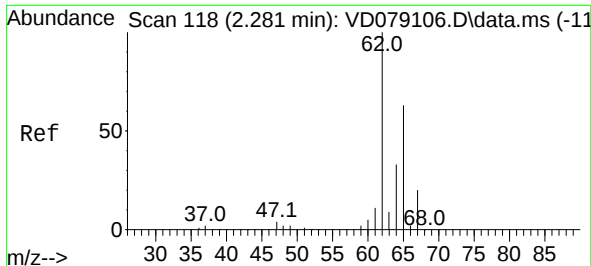
Tgt Ion: 85 Resp: 72281
 Ion Ratio Lower Upper
 85 100
 87 33.8 26.2 39.4



#3
 Chloromethane
 Concen: 25.205 ug/L
 RT: 2.146 min Scan# 95
 Delta R.T. 0.000 min
 Lab File: VD079110.D
 Acq: 31 May 2024 16:20

Tgt Ion: 50 Resp: 104751
 Ion Ratio Lower Upper
 50 100
 52 33.7 24.4 45.2

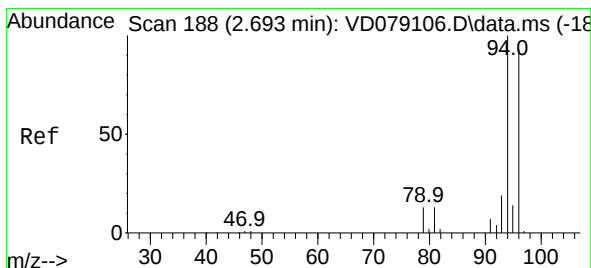
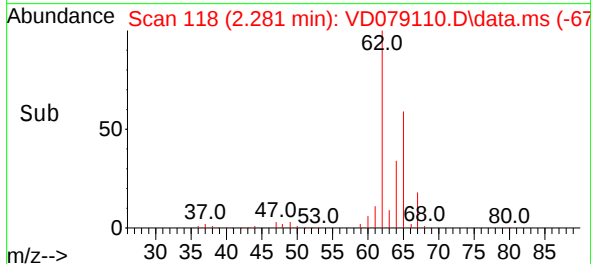
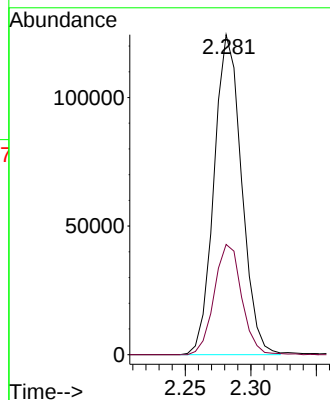
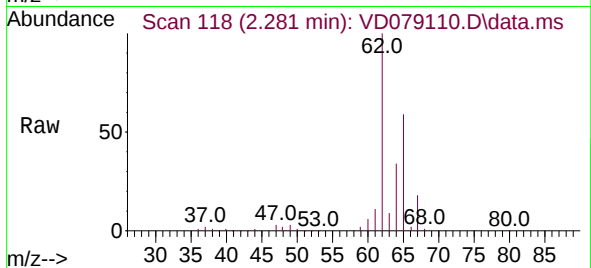




#5
 Vinyl chloride
 Concen: 26.538 ug/L
 RT: 2.281 min Scan# 118
 Delta R.T. 0.000 min
 Lab File: VD079110.D
 Acq: 31 May 2024 16:20

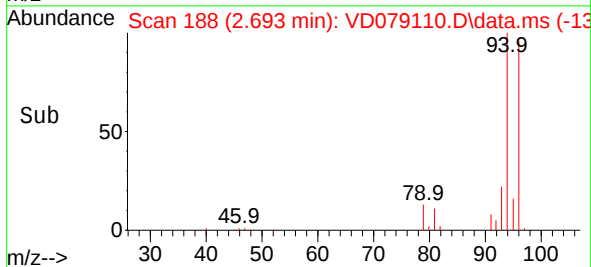
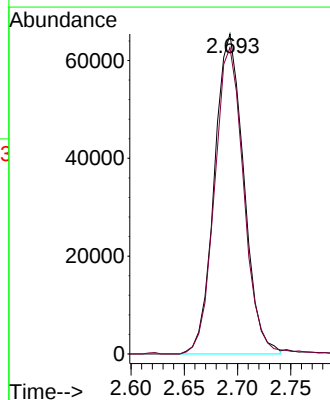
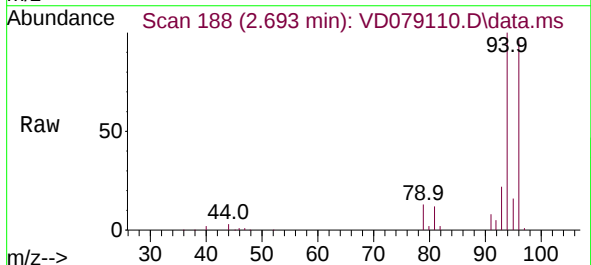
Instrument :
 MSVOA_D
 ClientSampleId :

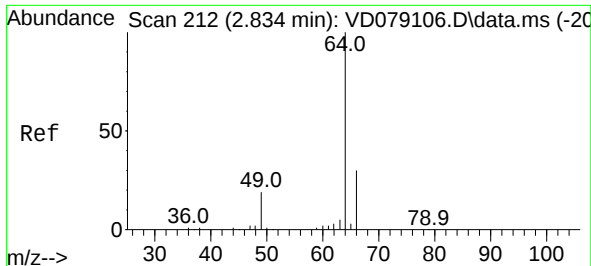
Tgt Ion: 62 Resp: 182039
 Ion Ratio Lower Upper
 62 100
 64 34.5 24.8 46.1



#6
 Bromomethane
 Concen: 23.657 ug/L
 RT: 2.693 min Scan# 188
 Delta R.T. 0.000 min
 Lab File: VD079110.D
 Acq: 31 May 2024 16:20

Tgt Ion: 94 Resp: 125278
 Ion Ratio Lower Upper
 94 100
 96 95.7 63.6 118.2

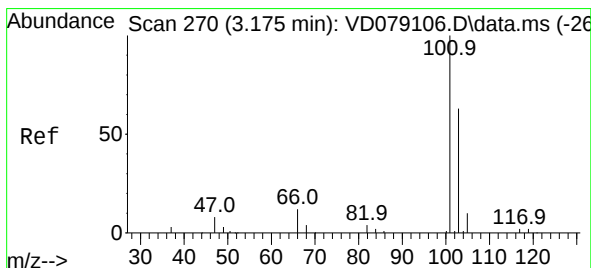
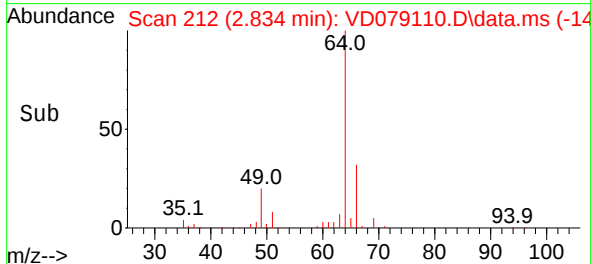
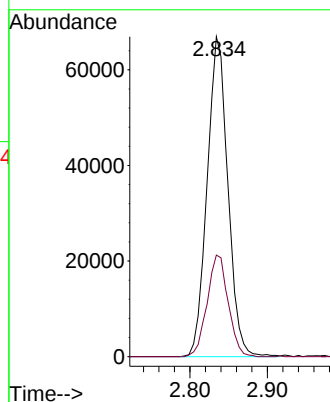
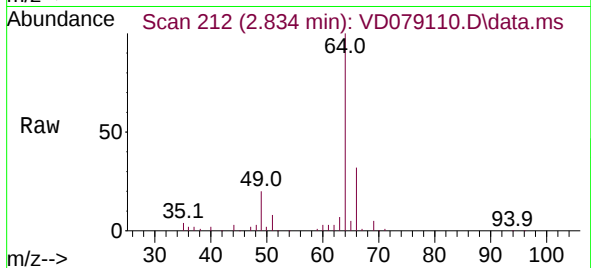




#8
Chloroethane
Concen: 24.745 ug/L
RT: 2.834 min Scan# 212
Delta R.T. 0.000 min
Lab File: VD079110.D
Acq: 31 May 2024 16:20

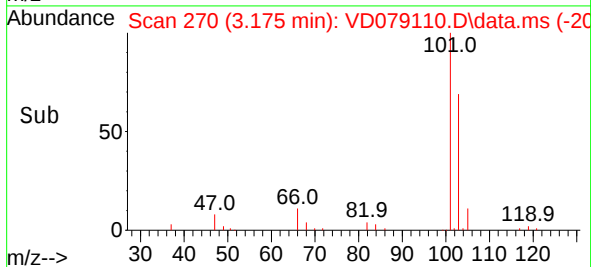
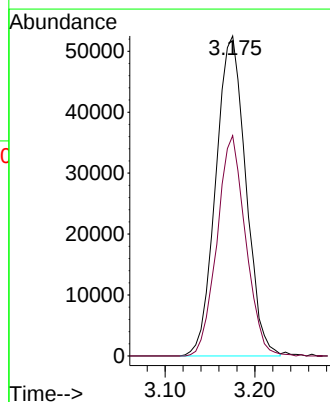
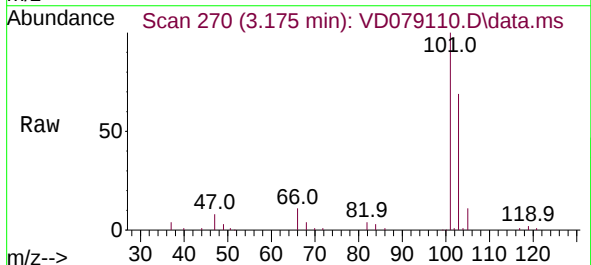
Instrument :
MSVOA_D
ClientSampleId :

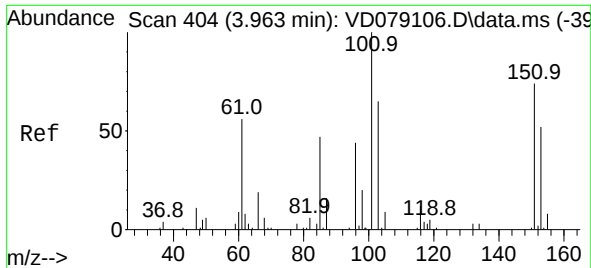
Tgt Ion: 64 Resp: 124411
Ion Ratio Lower Upper
64 100
66 31.7 24.8 46.1



#9
Trichlorofluoromethane
Concen: 23.358 ug/L
RT: 3.175 min Scan# 270
Delta R.T. 0.000 min
Lab File: VD079110.D
Acq: 31 May 2024 16:20

Tgt Ion:101 Resp: 122060
Ion Ratio Lower Upper
101 100
103 65.5 52.6 79.0

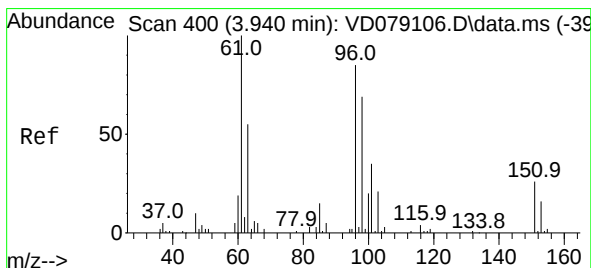
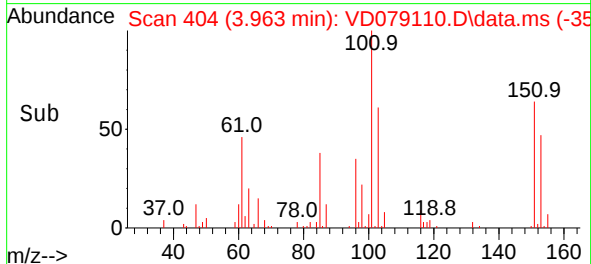
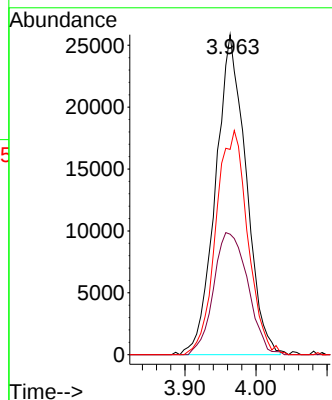
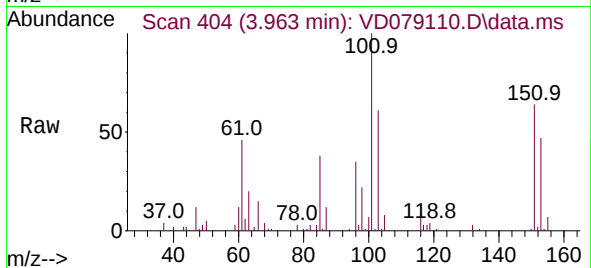




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 24.529 ug/L
 RT: 3.963 min Scan# 404
 Delta R.T. 0.000 min
 Lab File: VD079110.D
 Acq: 31 May 2024 16:20

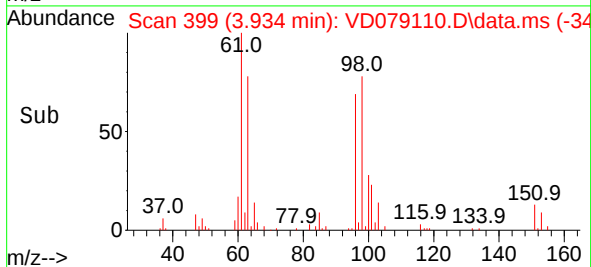
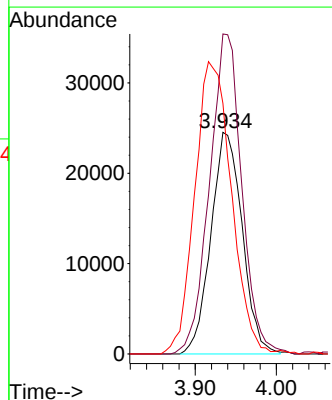
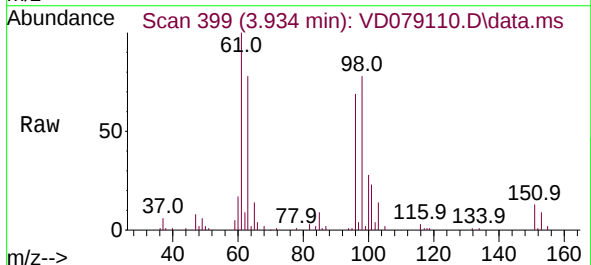
Instrument :
 MSVOA_D
 ClientSampleId :

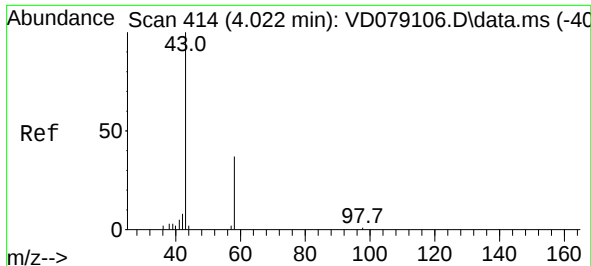
Tgt Ion:101 Resp: 76860
 Ion Ratio Lower Upper
 101 100
 85 42.7 35.4 53.0
 151 73.2 59.1 88.7



#12
 1,1-Dichloroethene
 Concen: 24.094 ug/L
 RT: 3.934 min Scan# 399
 Delta R.T. -0.006 min
 Lab File: VD079110.D
 Acq: 31 May 2024 16:20

Tgt Ion: 96 Resp: 65729
 Ion Ratio Lower Upper
 96 100
 61 144.4 93.9 174.3
 63 113.1 67.7 125.7





#13

Acetone

Concen: 58.356 ug/L

RT: 4.016 min Scan# 41

Delta R.T. -0.006 min

Lab File: VD079110.D

Acq: 31 May 2024 16:20

Instrument :

MSVOA_D

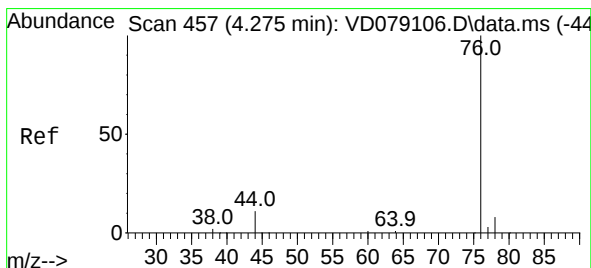
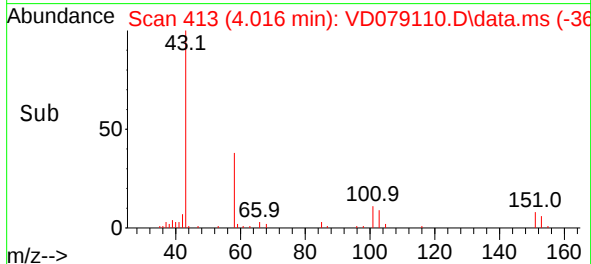
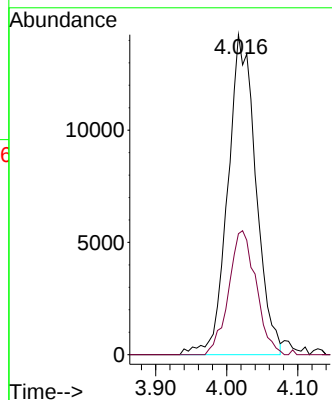
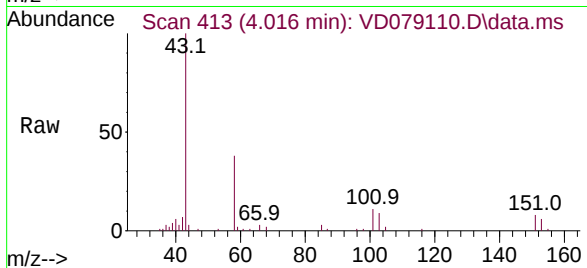
ClientSampleId :

Tgt Ion: 43 Resp: 39170

Ion Ratio Lower Upper

43 100

58 37.7 0.0 78.2



#14

Carbon disulfide

Concen: 24.169 ug/L

RT: 4.269 min Scan# 456

Delta R.T. -0.006 min

Lab File: VD079110.D

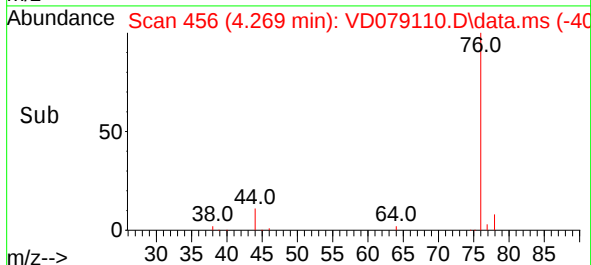
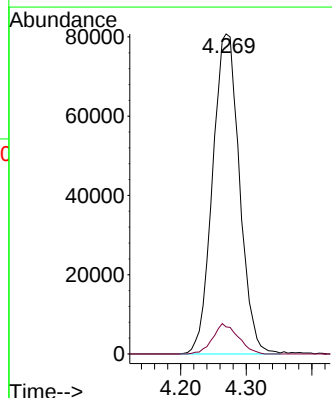
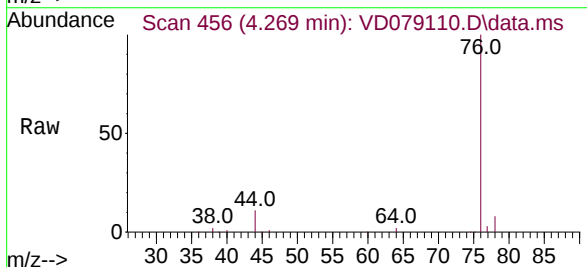
Acq: 31 May 2024 16:20

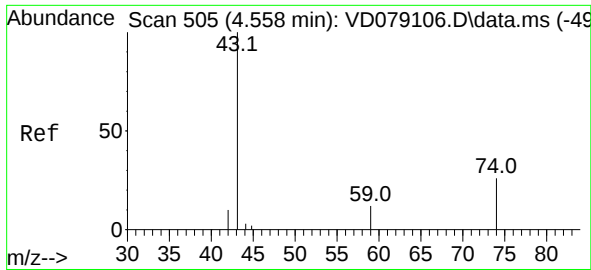
Tgt Ion: 76 Resp: 229999

Ion Ratio Lower Upper

76 100

78 8.4 7.5 11.3





#15

Methyl Acetate

Concen: 27.287 ug/L

RT: 4.563 min Scan# 505

Delta R.T. 0.006 min

Lab File: VD079110.D

Acq: 31 May 2024 16:20

Instrument :

MSVOA_D

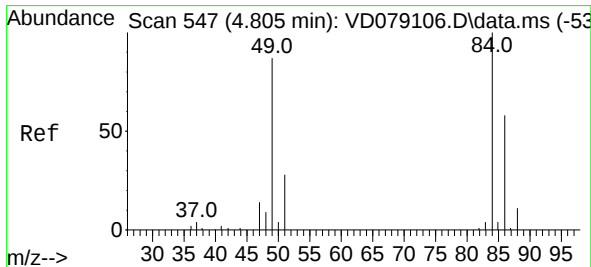
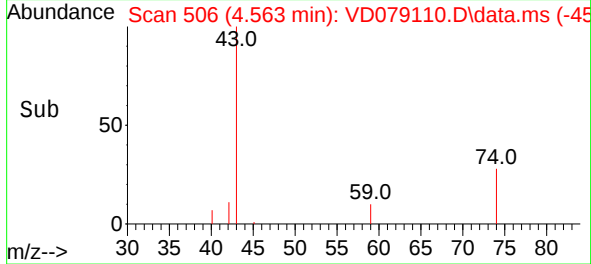
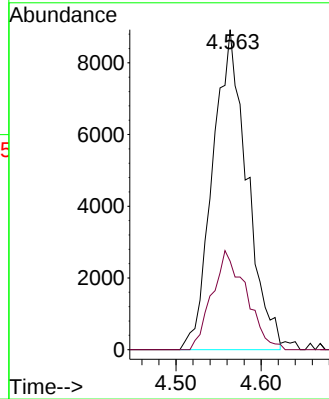
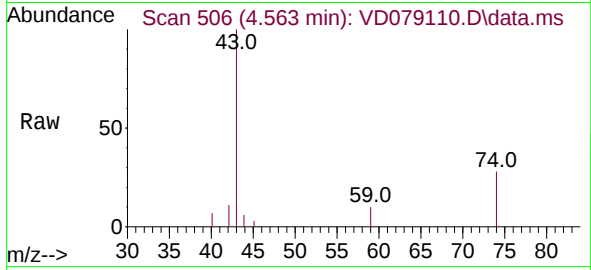
ClientSampleId :

Tgt Ion: 43 Resp: 24955

Ion Ratio Lower Upper

43 100

74 20.2 23.8 35.6#



#16

Methylene chloride

Concen: 26.896 ug/L

RT: 4.793 min Scan# 545

Delta R.T. -0.012 min

Lab File: VD079110.D

Acq: 31 May 2024 16:20

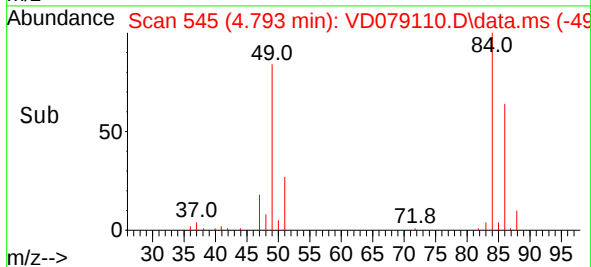
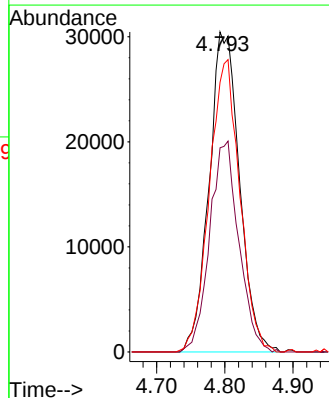
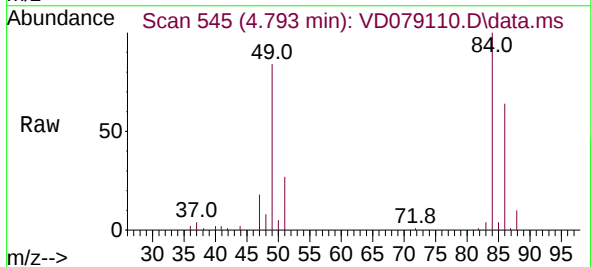
Tgt Ion: 84 Resp: 94401

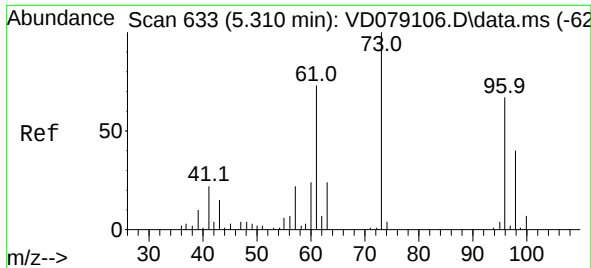
Ion Ratio Lower Upper

84 100

86 63.8 40.9 76.0

49 84.2 67.5 125.3





#17

trans-1,2-Dichloroethene

Concen: 25.332 ug/L

RT: 5.310 min Scan# 633

Delta R.T. 0.000 min

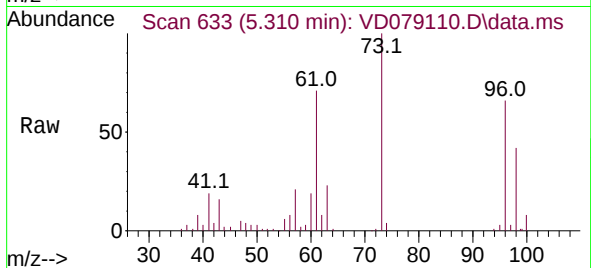
Lab File: VD079110.D

Acq: 31 May 2024 16:20

Instrument :

MSVOA_D

ClientSampleId :



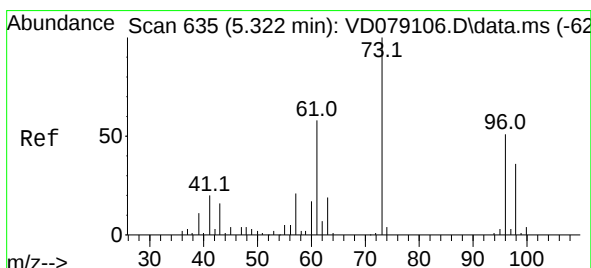
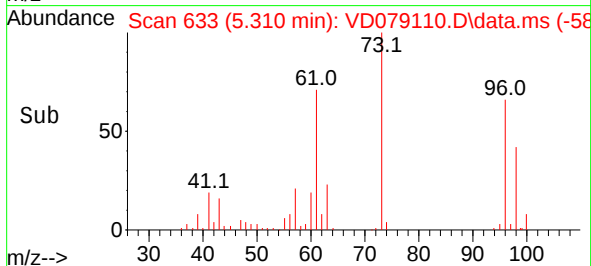
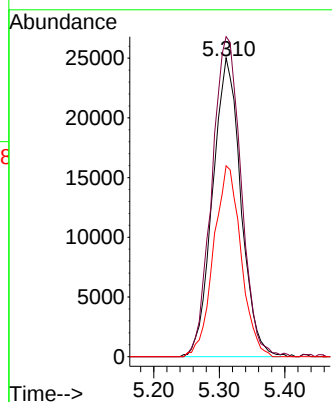
Tgt Ion: 96 Resp: 74681

Ion Ratio Lower Upper

96 100

61 107.1 71.9 133.5

98 63.9 42.6 79.2



#18

Methyl tert-butyl Ether

Concen: 26.742 ug/L

RT: 5.316 min Scan# 634

Delta R.T. -0.006 min

Lab File: VD079110.D

Acq: 31 May 2024 16:20

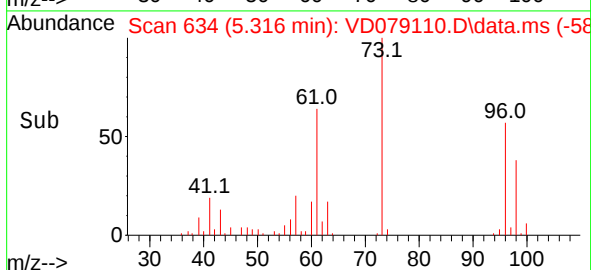
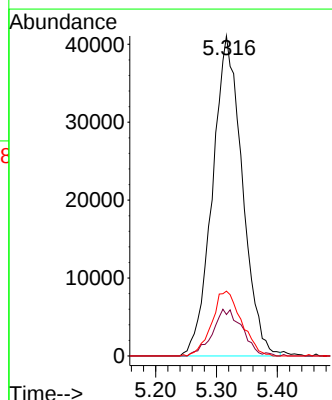
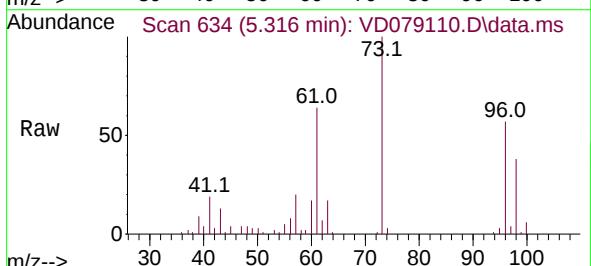
Tgt Ion: 73 Resp: 139825

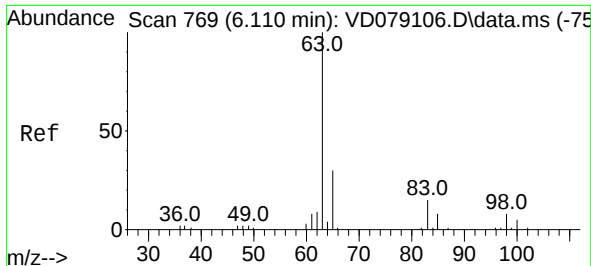
Ion Ratio Lower Upper

73 100

43 14.3 12.0 18.0

57 20.1 9.6 14.4#





#19

1,1-Dichloroethane

Concen: 24.678 ug/L

RT: 6.110 min Scan# 7

Delta R.T. 0.000 min

Lab File: VD079110.D

Acq: 31 May 2024 16:20

Instrument :

MSVOA_D

ClientSampleId :

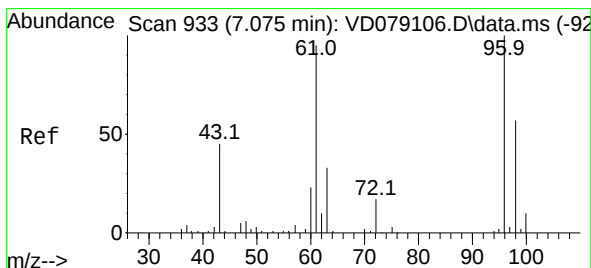
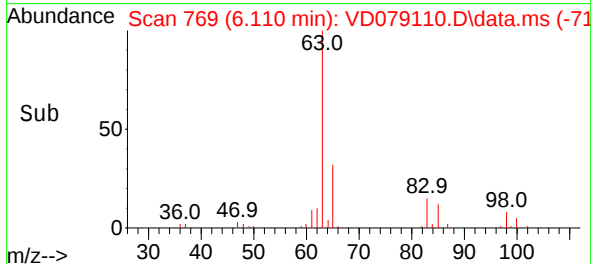
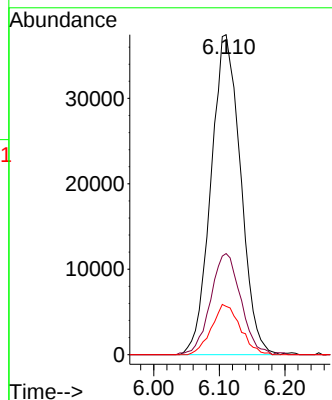
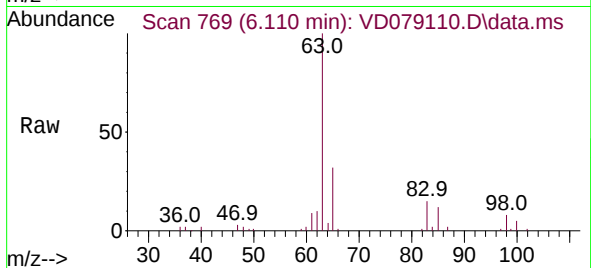
Tgt Ion: 63 Resp: 117136

Ion Ratio Lower Upper

63 100

65 31.6 22.8 42.4

83 15.1 8.6 16.0



#20

cis-1,2-Dichloroethene

Concen: 26.109 ug/L

RT: 7.081 min Scan# 934

Delta R.T. 0.006 min

Lab File: VD079110.D

Acq: 31 May 2024 16:20

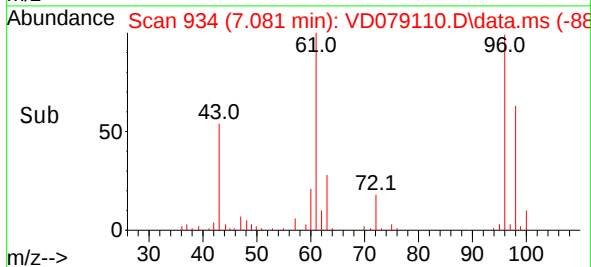
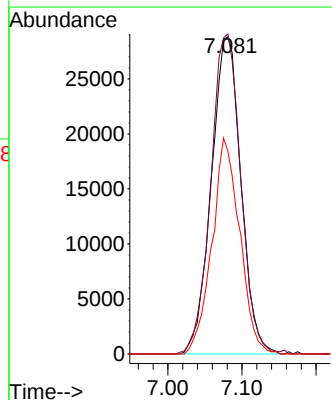
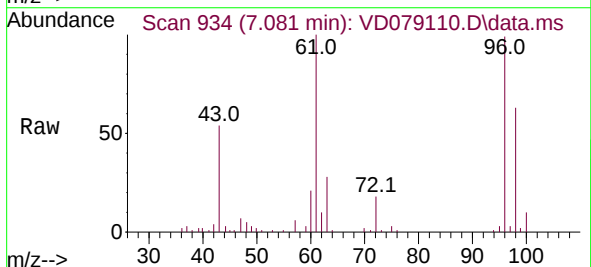
Tgt Ion: 96 Resp: 80148

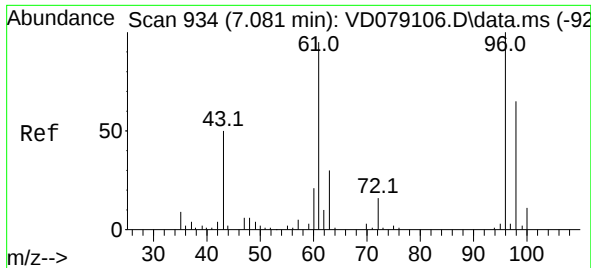
Ion Ratio Lower Upper

96 100

61 100.9 72.6 134.8

98 63.9 43.8 81.3

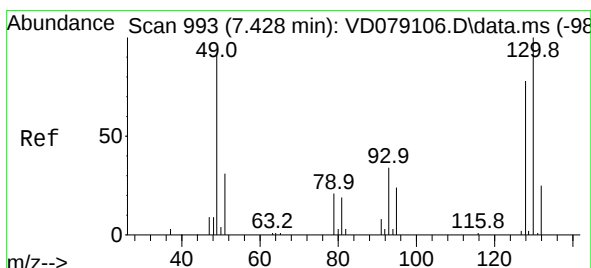
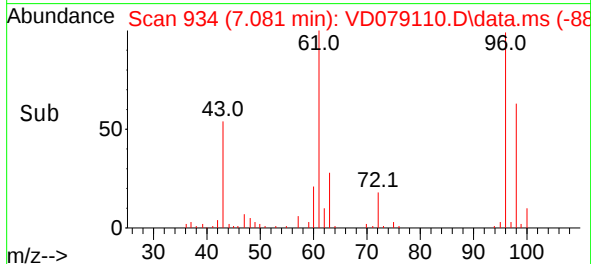
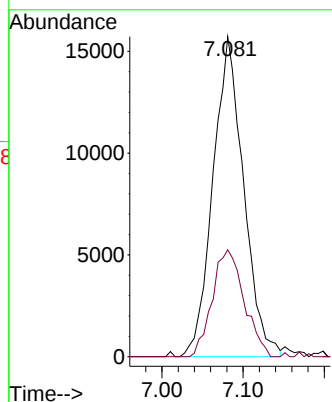
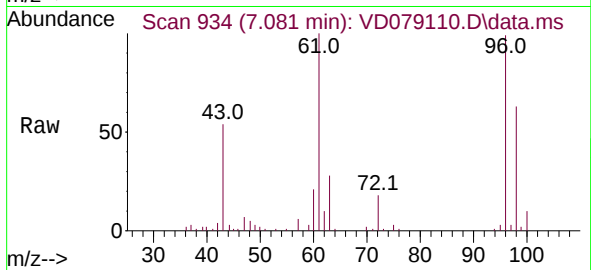




#22
2-Butanone
Concen: 58.422 ug/L
RT: 7.081 min Scan# 911
Delta R.T. 0.000 min
Lab File: VD079110.D
Acq: 31 May 2024 16:20

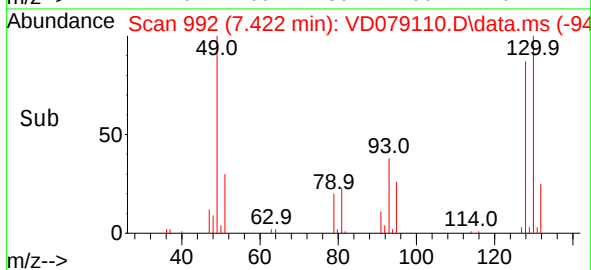
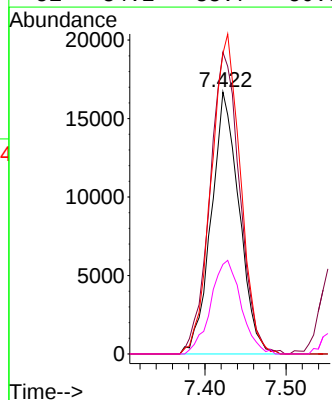
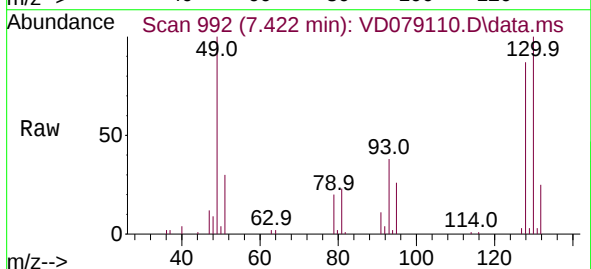
Instrument :
MSVOA_D
ClientSampleId :

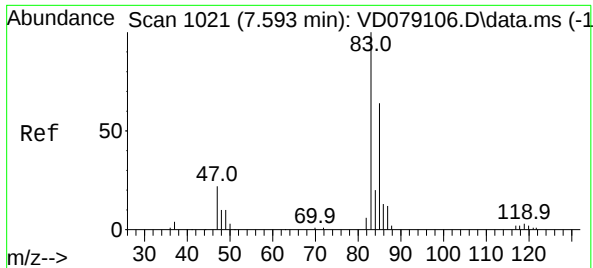
Tgt Ion: 43 Resp: 41195
Ion Ratio Lower Upper
43 100
72 34.7 19.3 57.8



#23
Bromochloromethane
Concen: 25.626 ug/L
RT: 7.422 min Scan# 992
Delta R.T. -0.006 min
Lab File: VD079110.D
Acq: 31 May 2024 16:20

Tgt Ion:128 Resp: 39882
Ion Ratio Lower Upper
128 100
49 115.1 81.8 151.8
130 114.7 90.4 167.8
51 34.2 33.7 50.5

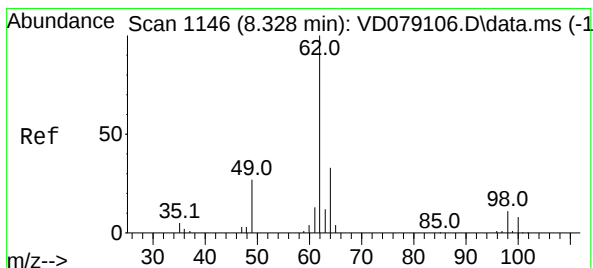
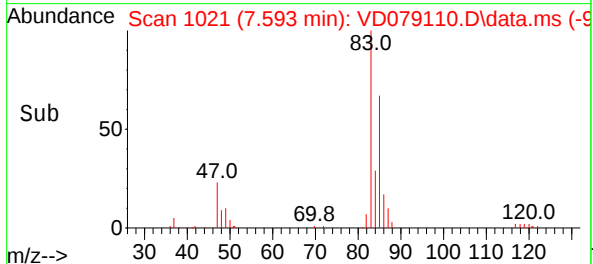
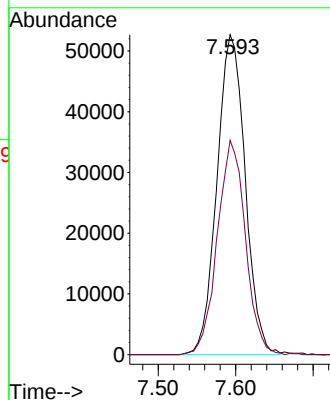
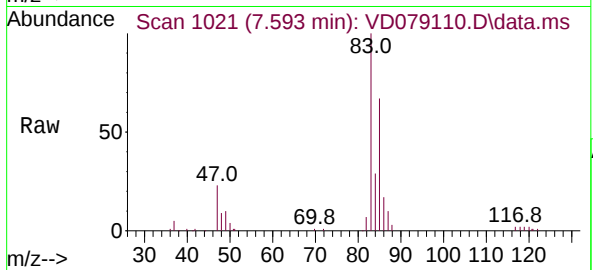




#25
Chloroform
Concen: 24.767 ug/L
RT: 7.593 min Scan# 1021
Delta R.T. 0.000 min
Lab File: VD079110.D
Acq: 31 May 2024 16:20

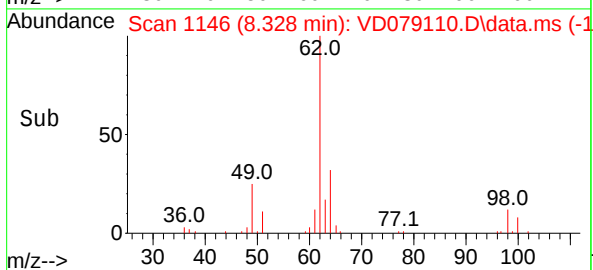
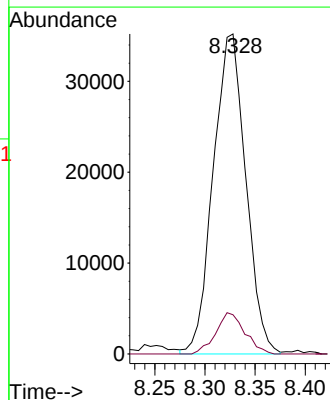
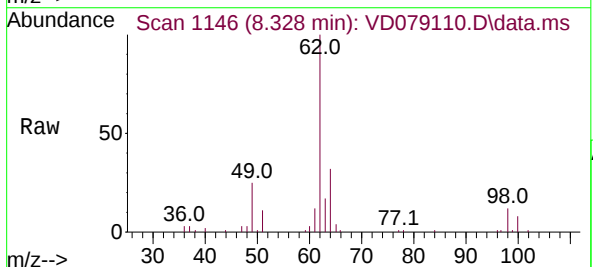
Instrument :
MSVOA_D
ClientSampleId :

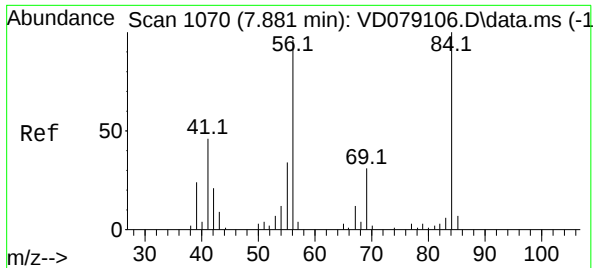
Tgt Ion: 83 Resp: 133470
Ion Ratio Lower Upper
83 100
85 67.0 47.9 89.1



#27
1,2-Dichloroethane
Concen: 25.382 ug/L
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD079110.D
Acq: 31 May 2024 16:20

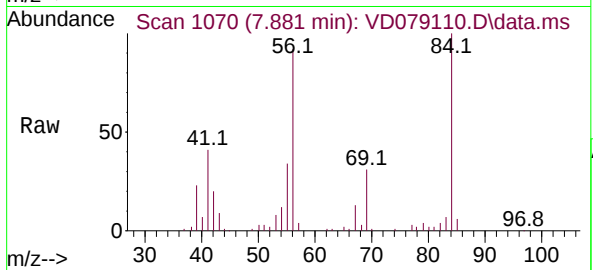
Tgt Ion: 62 Resp: 79403
Ion Ratio Lower Upper
62 100
98 12.3 8.2 12.4



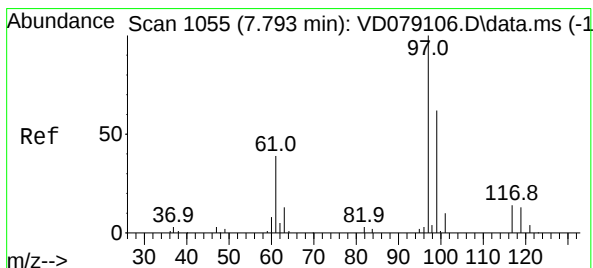
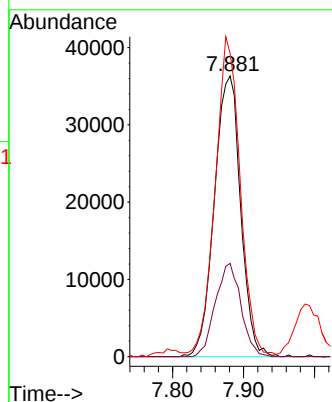
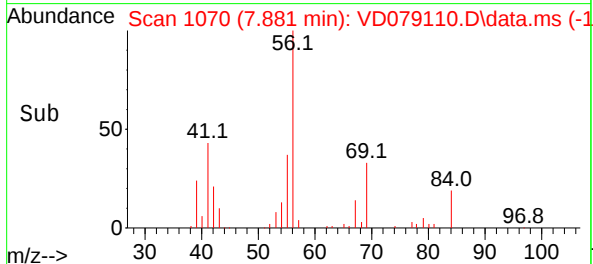


#29
Cyclohexane
Concen: 26.516 ug/L
RT: 7.881 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VD079110.D
Acq: 31 May 2024 16:20

Instrument :
MSVOA_D
ClientSampleId :

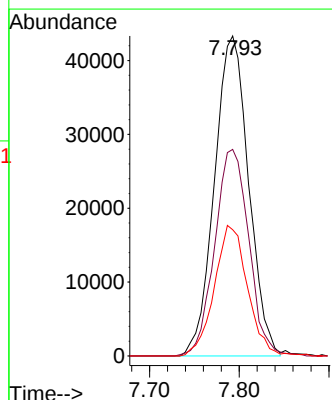
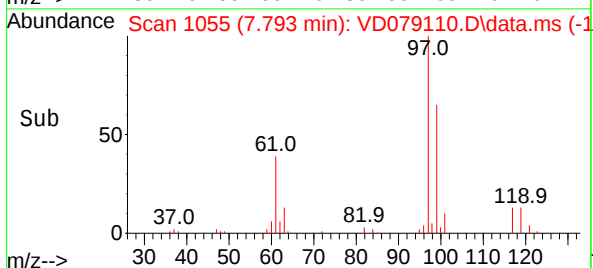
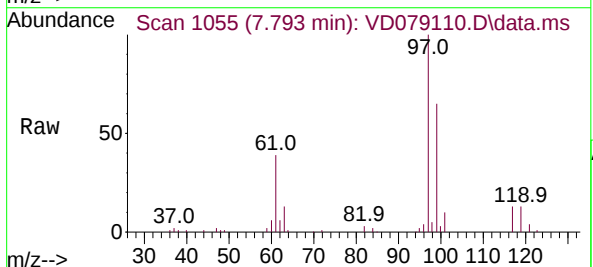


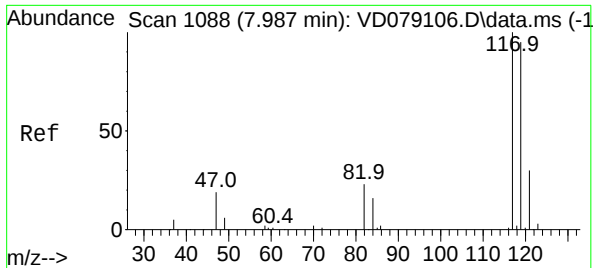
Tgt Ion: 56 Resp: 93120
Ion Ratio Lower Upper
56 100
69 32.4 26.6 40.0
84 108.5 87.5 131.3



#30
1,1,1-Trichloroethane
Concen: 24.841 ug/L
RT: 7.793 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VD079110.D
Acq: 31 May 2024 16:20

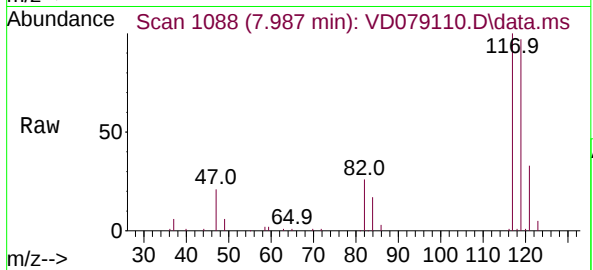
Tgt Ion: 97 Resp: 114472
Ion Ratio Lower Upper
97 100
99 64.5 52.3 78.5
61 39.3 31.7 47.5



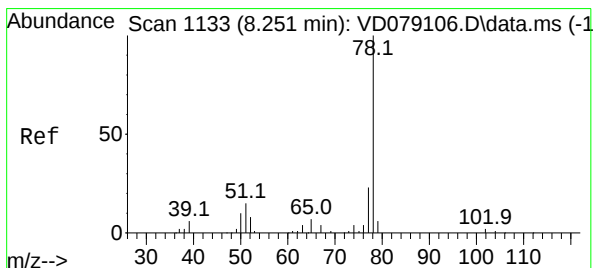
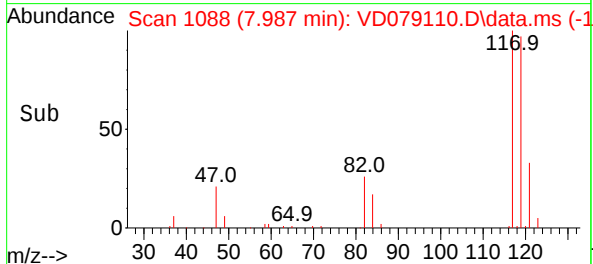
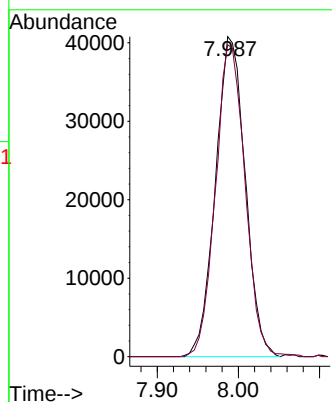


#31
Carbon tetrachloride
Concen: 24.235 ug/L
RT: 7.987 min Scan# 1108
Delta R.T. 0.000 min
Lab File: VD079110.D
Acq: 31 May 2024 16:20

Instrument :
MSVOA_D
ClientSampleId :

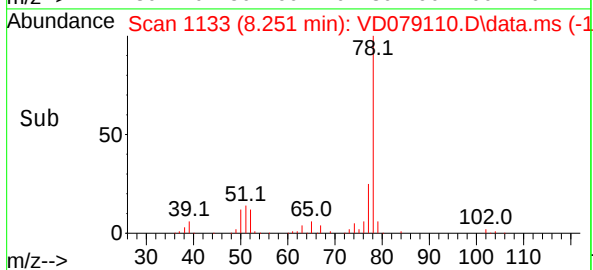
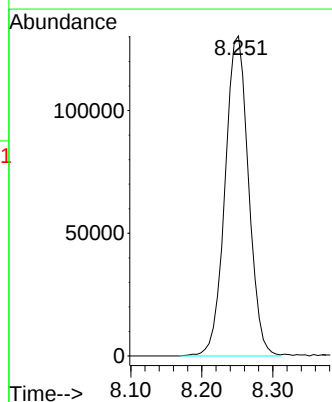
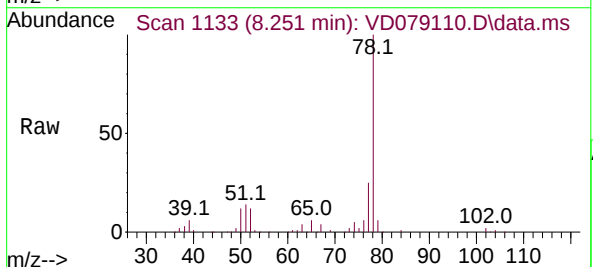


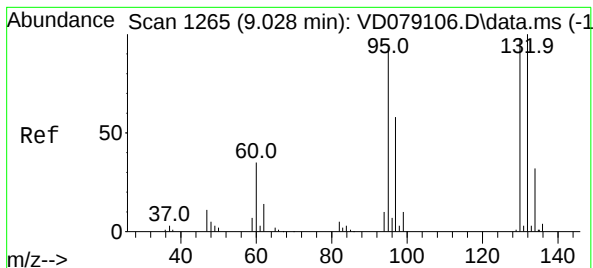
Tgt Ion:117 Resp: 103784
Ion Ratio Lower Upper
117 100
119 96.8 79.6 119.4



#33
Benzene
Concen: 25.792 ug/L
RT: 8.251 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VD079110.D
Acq: 31 May 2024 16:20

Tgt Ion: 78 Resp: 299002





#34

Trichloroethene

Concen: 24.950 ug/L

RT: 9.028 min Scan# 1265

Delta R.T. 0.000 min

Lab File: VD079110.D

Acq: 31 May 2024 16:20

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 95 Resp: 74496

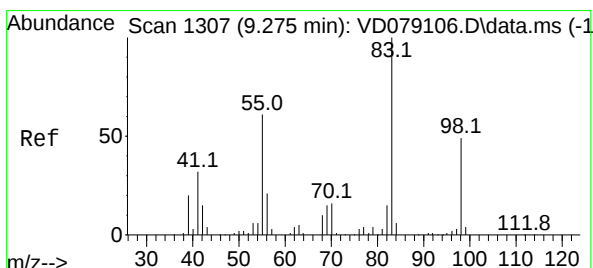
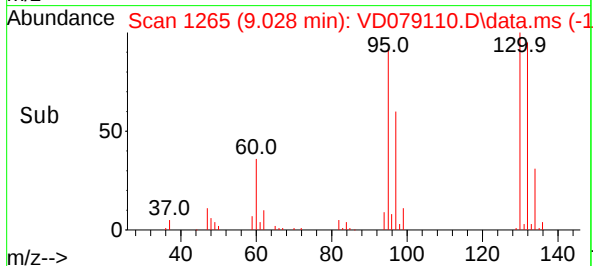
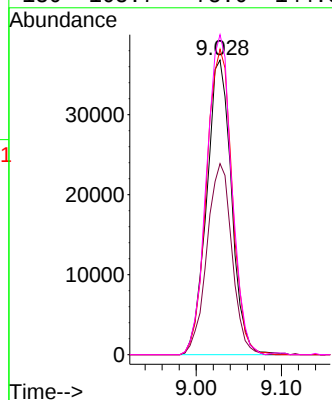
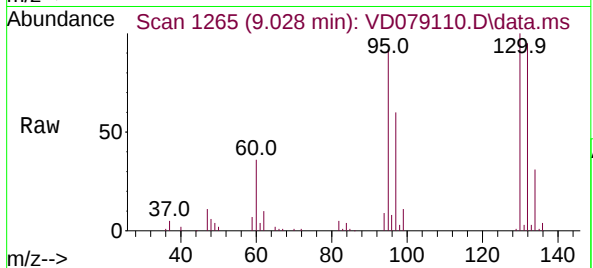
Ion Ratio Lower Upper

95 100

97 64.9 44.6 82.8

132 103.7 74.9 139.1

130 108.7 78.0 144.8



#35

Methylcyclohexane

Concen: 25.379 ug/L

RT: 9.275 min Scan# 1307

Delta R.T. 0.000 min

Lab File: VD079110.D

Acq: 31 May 2024 16:20

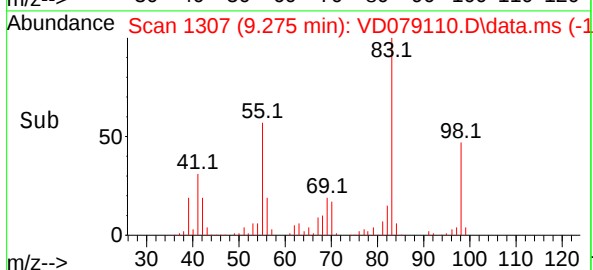
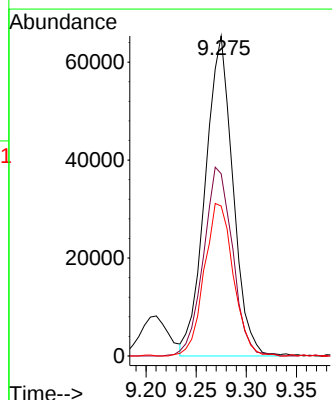
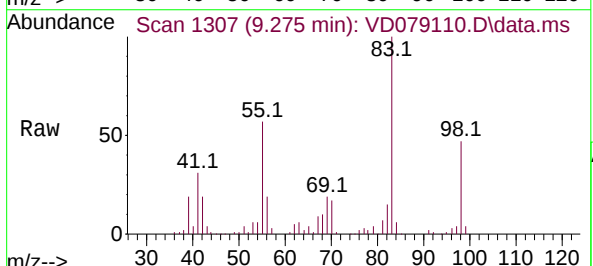
Tgt Ion: 83 Resp: 125560

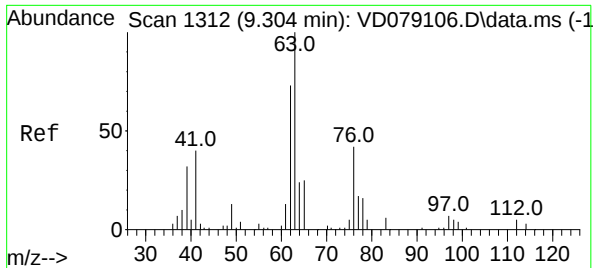
Ion Ratio Lower Upper

83 100

55 61.9 48.6 72.8

98 49.9 40.2 60.2

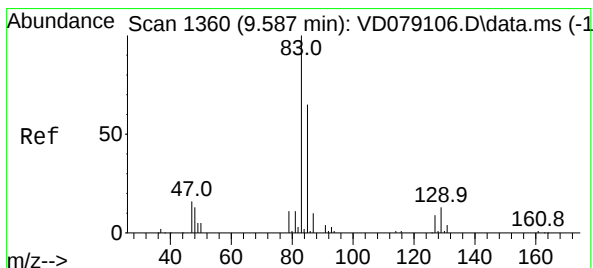
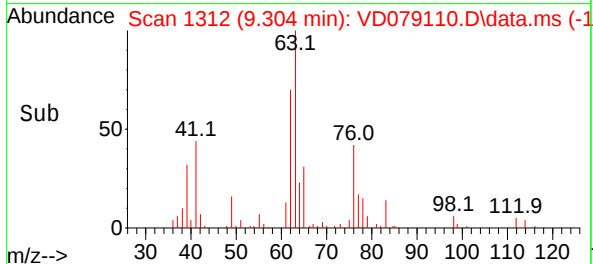
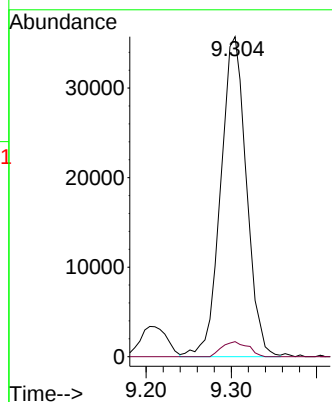
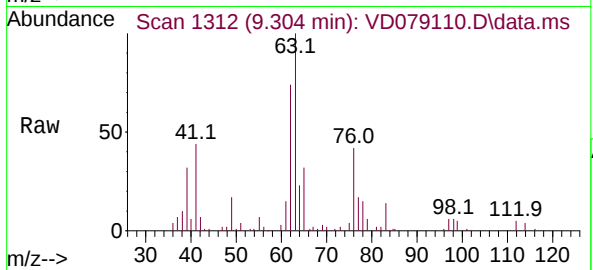




#37
1,2-Dichloropropane
Concen: 26.451 ug/L
RT: 9.304 min Scan# 1312
Delta R.T. 0.000 min
Lab File: VD079110.D
Acq: 31 May 2024 16:20

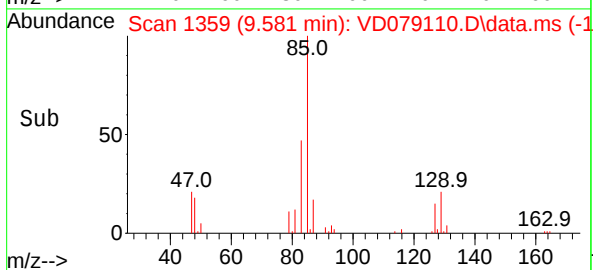
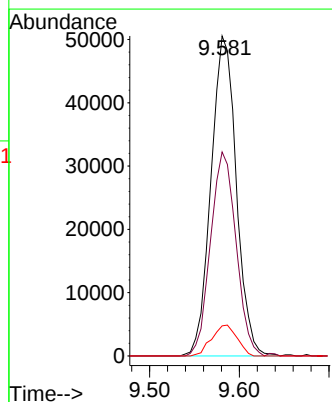
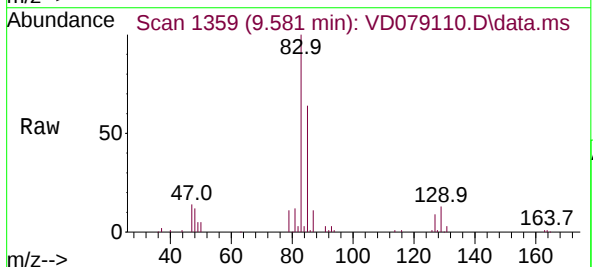
Instrument :
MSVOA_D
ClientSampleId :

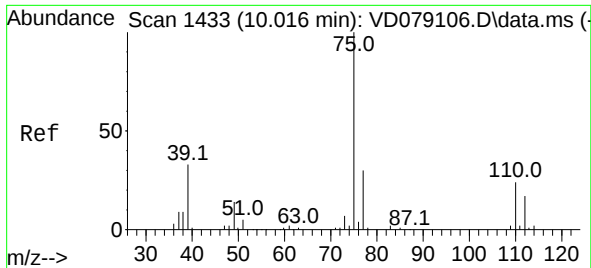
Tgt Ion: 63 Resp: 75110
Ion Ratio Lower Upper
63 100
112 4.8 3.9 5.9



#38
Bromodichloromethane
Concen: 25.088 ug/L
RT: 9.581 min Scan# 1359
Delta R.T. -0.006 min
Lab File: VD079110.D
Acq: 31 May 2024 16:20

Tgt Ion: 83 Resp: 99034
Ion Ratio Lower Upper
83 100
85 63.8 46.5 86.5
127 10.5 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 25.821 ug/L

RT: 10.016 min Scan# 1433

Delta R.T. 0.000 min

Lab File: VD079110.D

Acq: 31 May 2024 16:20

Instrument :

MSVOA_D

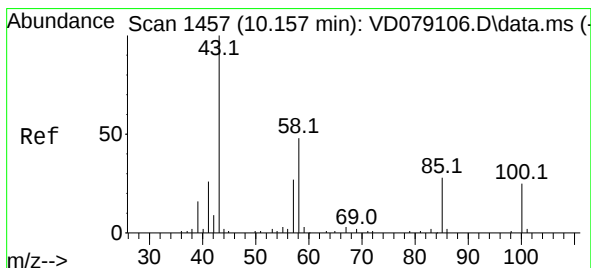
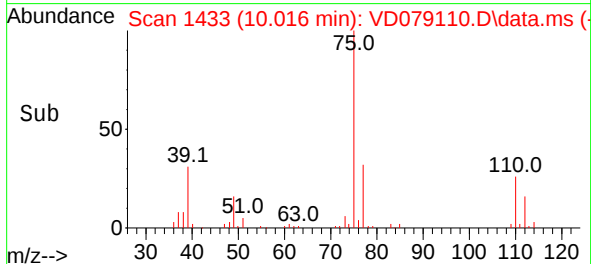
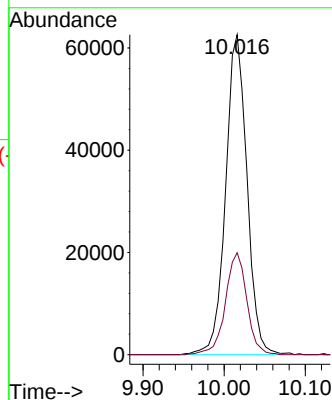
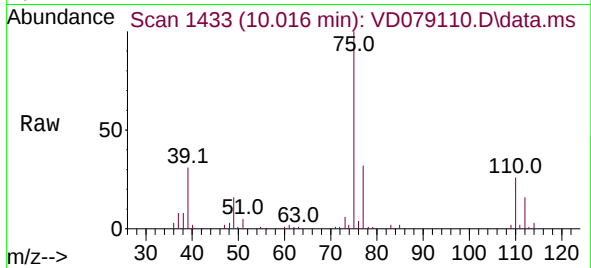
ClientSampleId :

Tgt Ion: 75 Resp: 114458

Ion Ratio Lower Upper

75 100

77 31.9 23.4 43.4



#40

4-Methyl-2-pentanone

Concen: 57.169 ug/L

RT: 10.157 min Scan# 1457

Delta R.T. 0.000 min

Lab File: VD079110.D

Acq: 31 May 2024 16:20

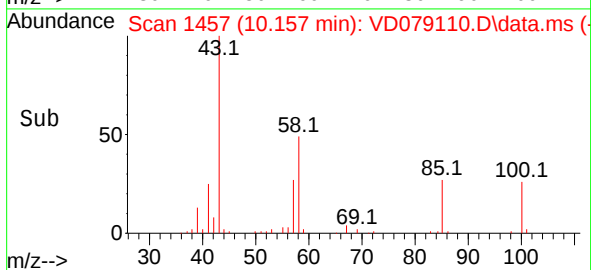
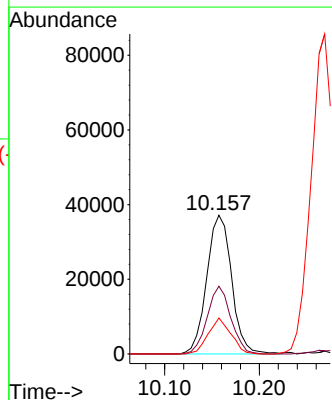
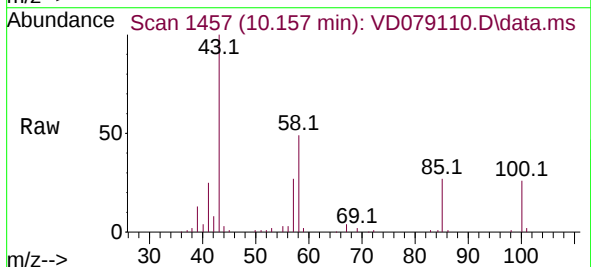
Tgt Ion: 43 Resp: 67766

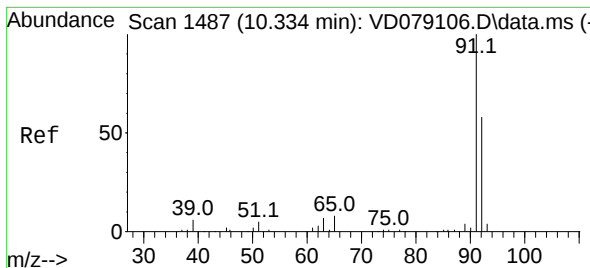
Ion Ratio Lower Upper

43 100

58 46.4 34.0 51.0

100 23.5 16.9 25.3





#42

Toluene

Concen: 26.350 ug/L

RT: 10.334 min Scan# 1487

Delta R.T. 0.000 min

Lab File: VD079110.D

Acq: 31 May 2024 16:20

Instrument :

MSVOA_D

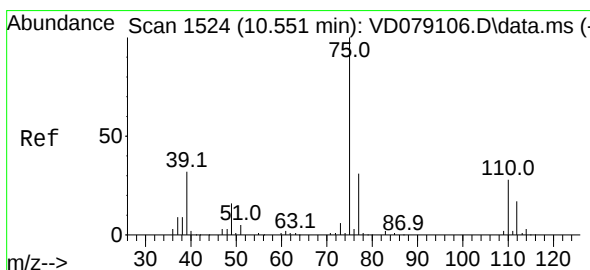
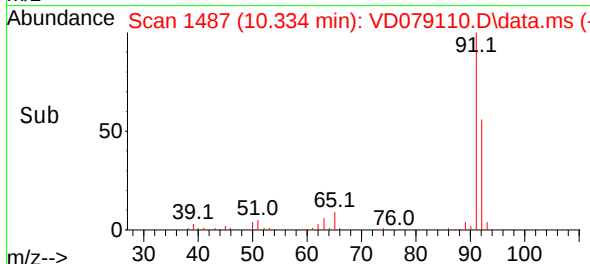
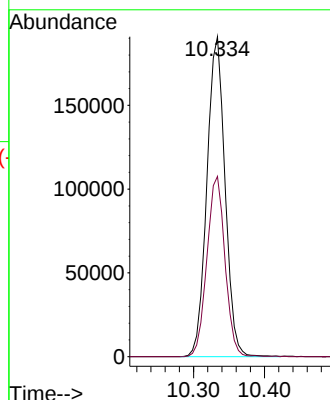
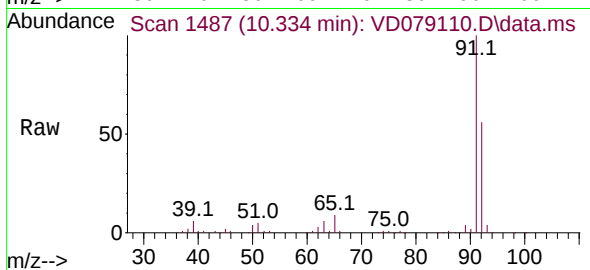
ClientSampleId :

Tgt Ion: 91 Resp: 339196

Ion Ratio Lower Upper

91 100

92 56.3 38.9 72.3



#44

trans-1,3-Dichloropropene

Concen: 26.033 ug/L

RT: 10.551 min Scan# 1524

Delta R.T. 0.000 min

Lab File: VD079110.D

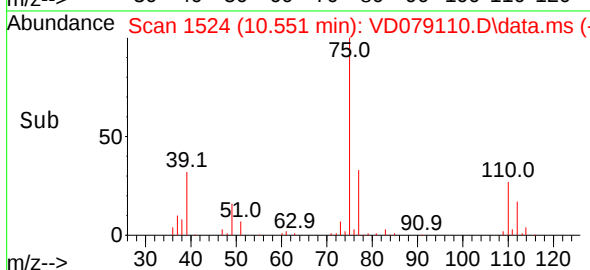
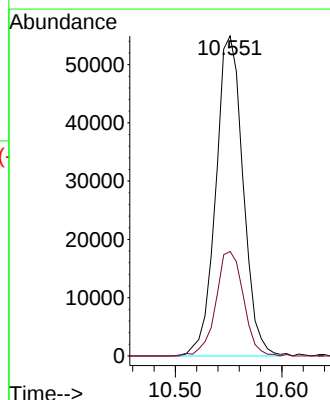
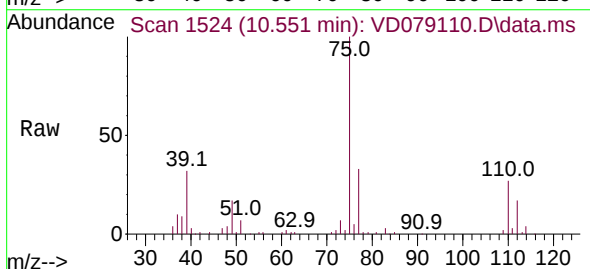
Acq: 31 May 2024 16:20

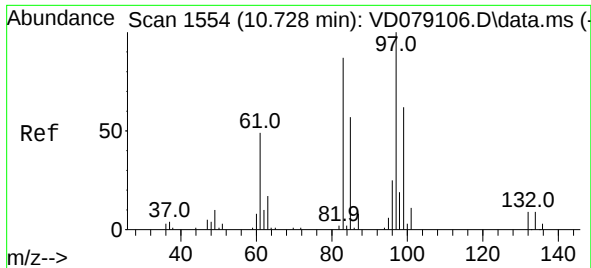
Tgt Ion: 75 Resp: 97584

Ion Ratio Lower Upper

75 100

77 32.7 24.3 45.1

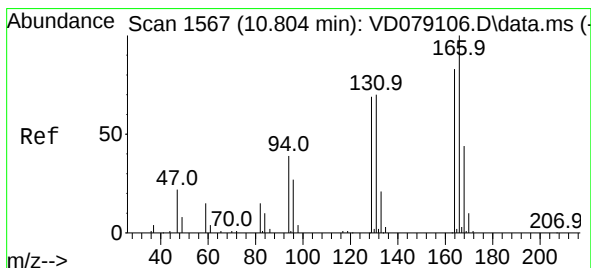
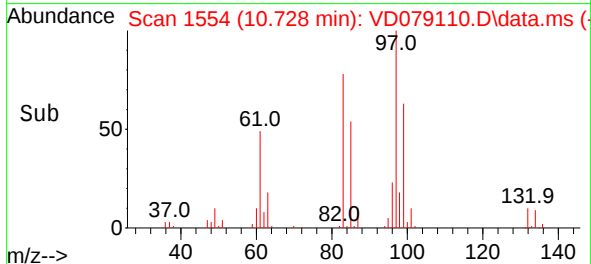
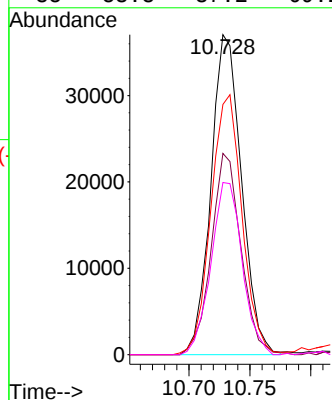
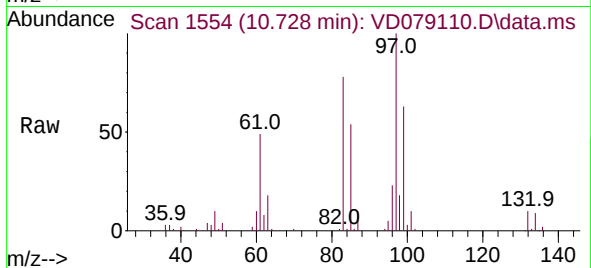




#45
1,1,2-Trichloroethane
Concen: 26.018 ug/L
RT: 10.728 min Scan# 1554
Delta R.T. 0.000 min
Lab File: VD079110.D
Acq: 31 May 2024 16:20

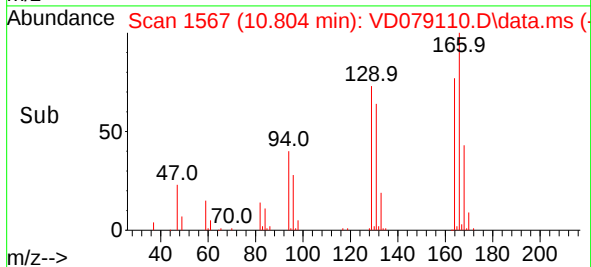
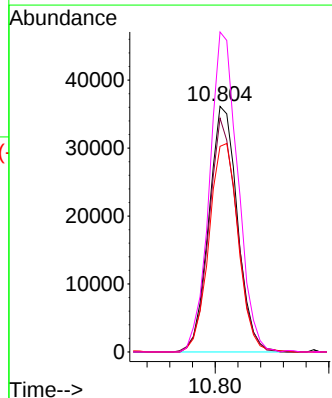
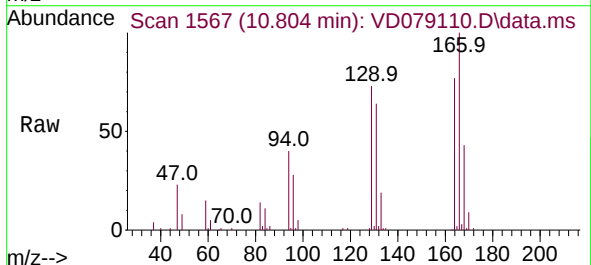
Instrument :
MSVOA_D
ClientSampleId :

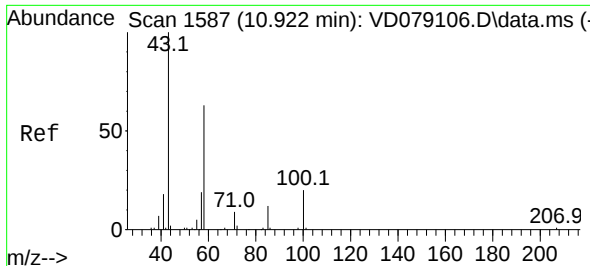
Tgt Ion:	97	Resp:	64816
Ion	Ratio	Lower	Upper
97	100		
99	62.9	43.0	79.8
83	78.2	58.9	109.5
85	53.8	37.2	69.2



#46
Tetrachloroethene
Concen: 24.047 ug/L
RT: 10.804 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VD079110.D
Acq: 31 May 2024 16:20

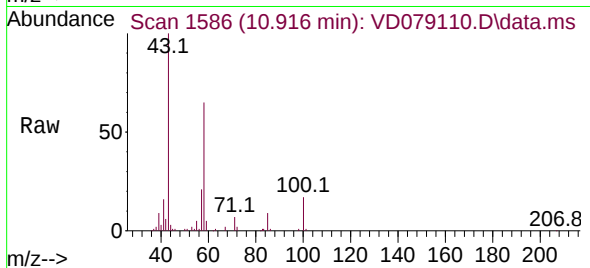
Tgt Ion:	164	Resp:	63221
Ion	Ratio	Lower	Upper
164	100		
129	95.2	64.3	119.5
131	83.7	61.2	113.8
166	130.3	90.0	167.2



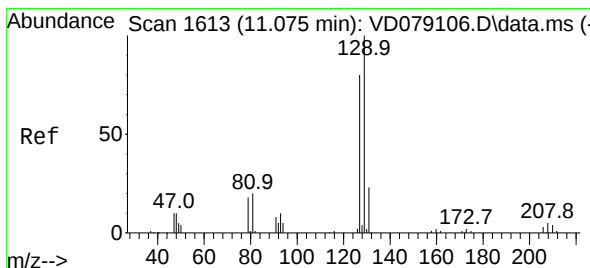
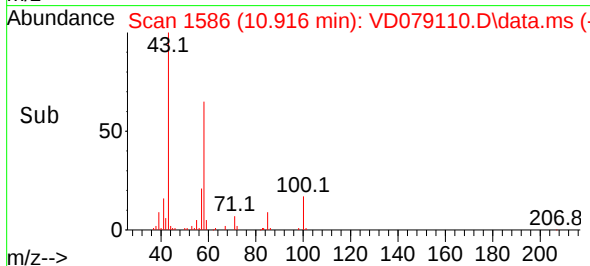
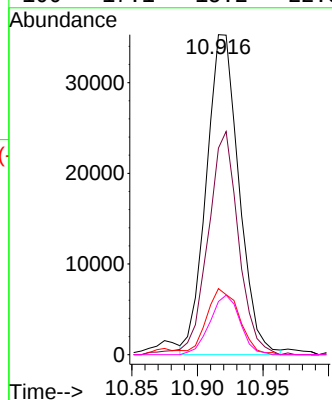


#48
2-Hexanone
Concen: 59.657 ug/L
RT: 10.916 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VD079110.D
Acq: 31 May 2024 16:20

Instrument :
MSVOA_D
ClientSampleId :

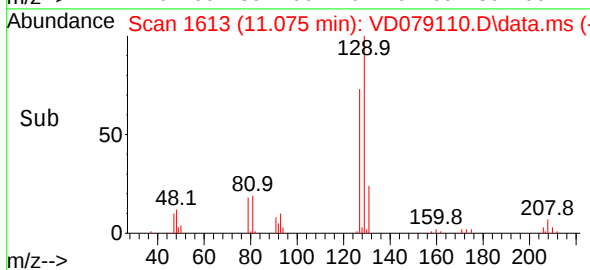
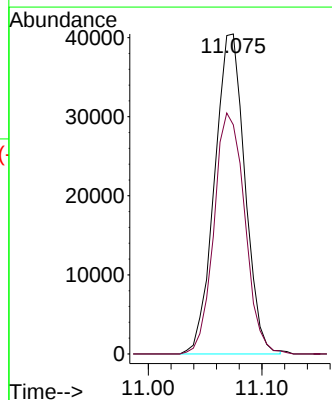
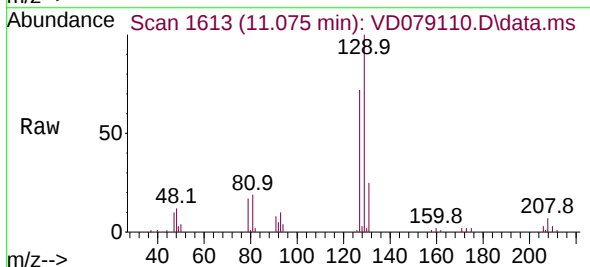


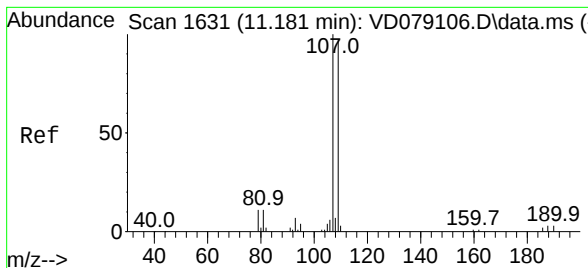
Tgt Ion: 43 Resp: 61191
Ion Ratio Lower Upper
43 100
58 65.3 50.1 75.1
57 20.4 16.5 24.7
100 17.1 15.2 22.8



#49
Dibromochloromethane
Concen: 25.495 ug/L
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD079110.D
Acq: 31 May 2024 16:20

Tgt Ion: 129 Resp: 75212
Ion Ratio Lower Upper
129 100
127 71.6 56.4 104.7





#50

1,2-Dibromoethane

Concen: 25.885 ug/L

RT: 11.175 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD079110.D

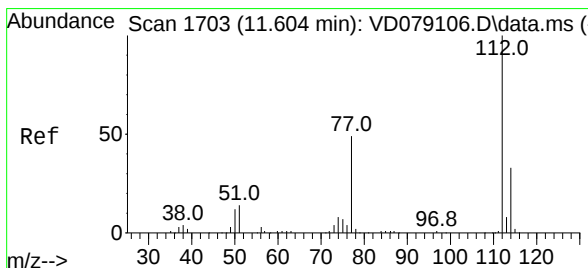
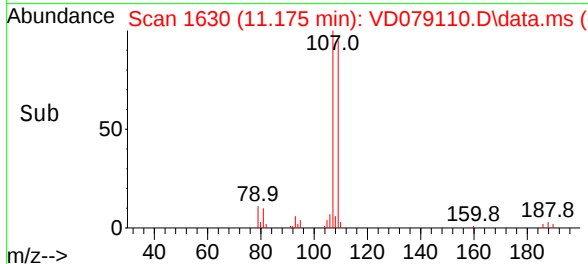
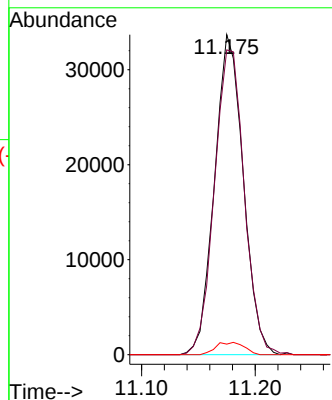
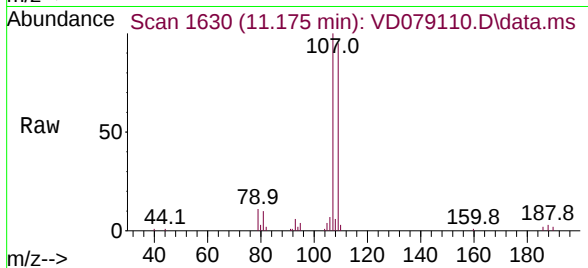
Acq: 31 May 2024 16:20

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:107	Resp:	59263
Ion Ratio	Lower	Upper
107	100	
109	95.2	64.5 119.7
188	3.3	2.6 3.8



#51

Chlorobenzene

Concen: 25.343 ug/L

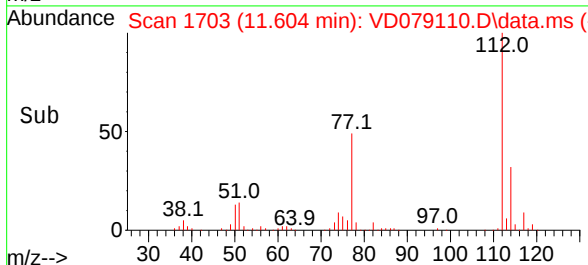
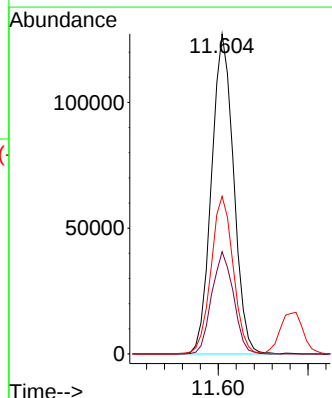
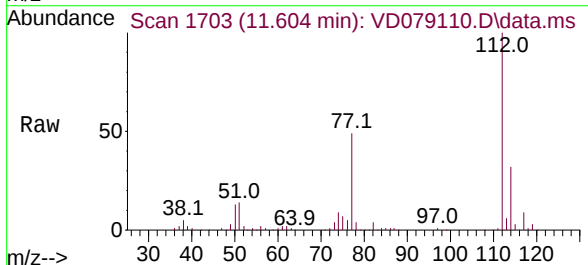
RT: 11.604 min Scan# 1703

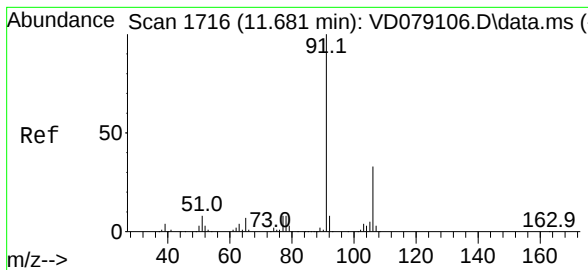
Delta R.T. 0.000 min

Lab File: VD079110.D

Acq: 31 May 2024 16:20

Tgt Ion:112	Resp:	217073
Ion Ratio	Lower	Upper
112	100	
114	31.9	22.7 42.3
77	49.3	38.4 57.6

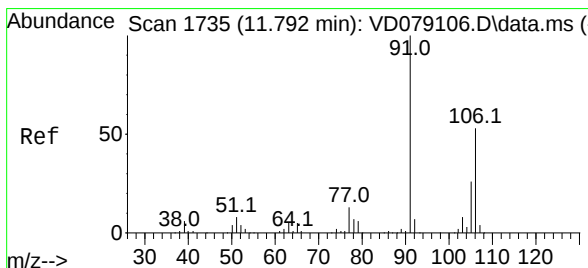
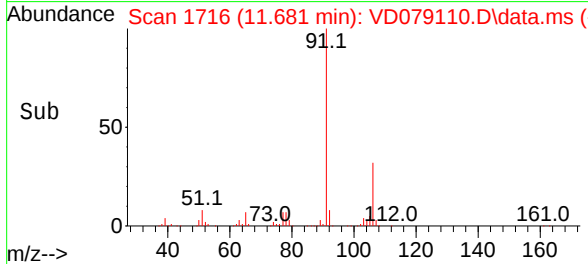
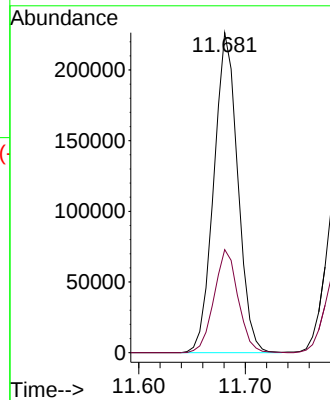
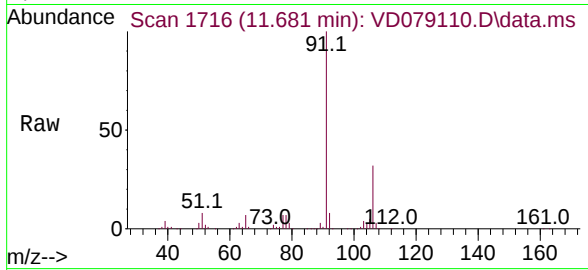




#52
Ethylbenzene
Concen: 26.293 ug/L
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD079110.D
Acq: 31 May 2024 16:20

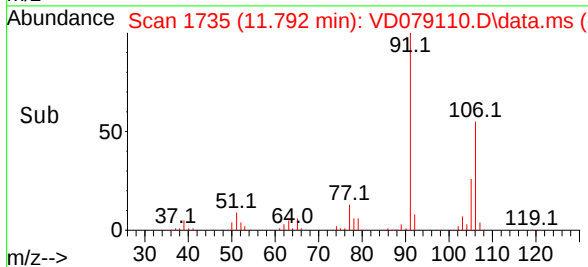
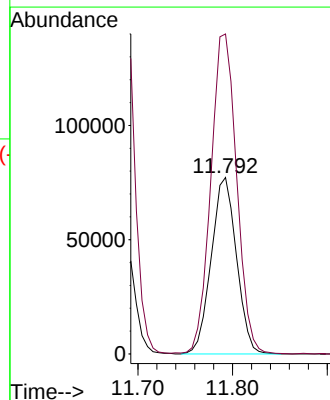
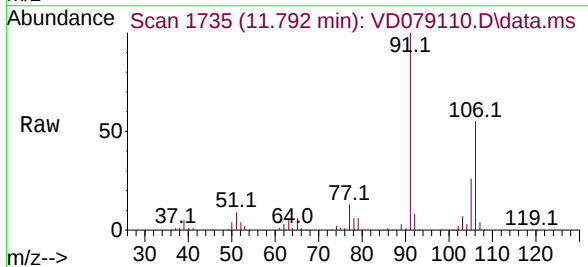
Instrument :
MSVOA_D
ClientSampleId :

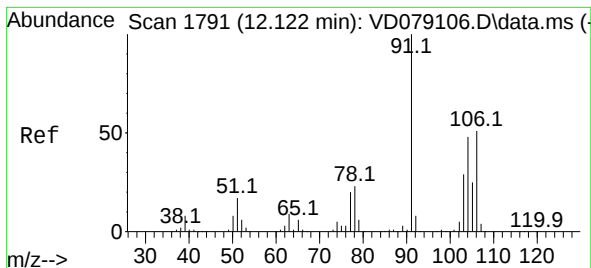
Tgt Ion: 91 Resp: 353054
Ion Ratio Lower Upper
91 100
106 32.2 22.3 41.5



#53
m,p-Xylene
Concen: 27.207 ug/L
RT: 11.792 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD079110.D
Acq: 31 May 2024 16:20

Tgt Ion:106 Resp: 143334
Ion Ratio Lower Upper
106 100
91 181.2 133.1 247.1





#54

o-Xylene

Concen: 26.379 ug/L

RT: 12.122 min Scan# 1791

Delta R.T. 0.000 min

Lab File: VD079110.D

Acq: 31 May 2024 16:20

Instrument :

MSVOA_D

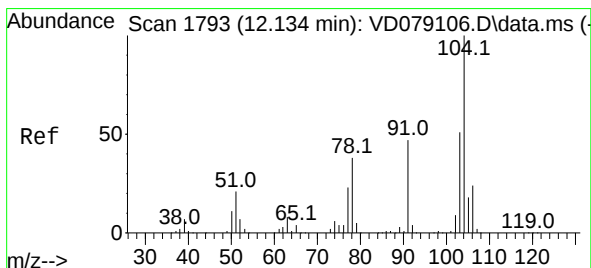
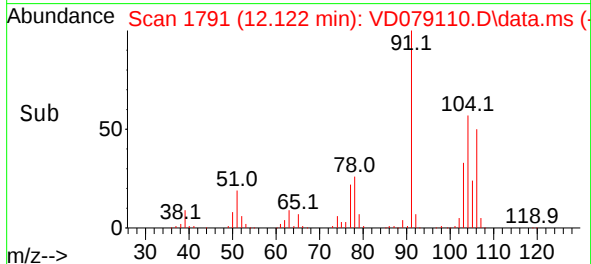
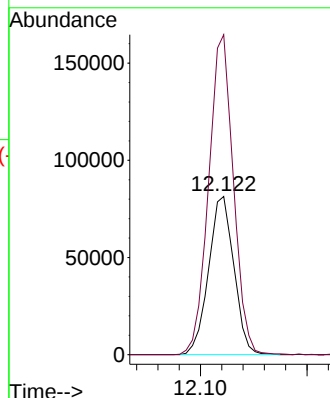
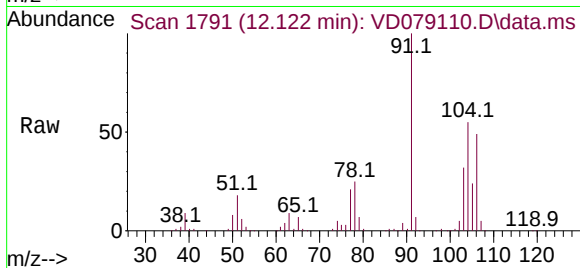
ClientSampleId :

Tgt Ion:106 Resp: 134266

Ion Ratio Lower Upper

106 100

91 202.2 132.9 246.9



#55

Styrene

Concen: 27.247 ug/L

RT: 12.134 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VD079110.D

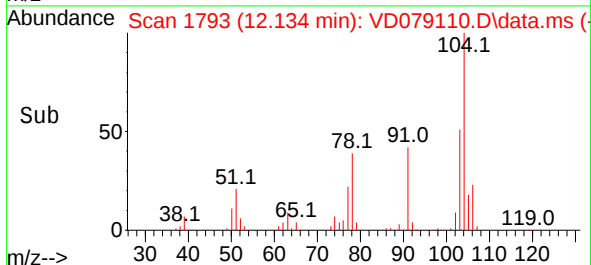
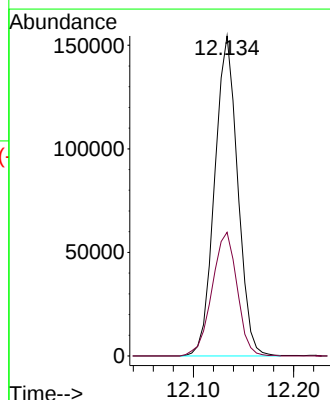
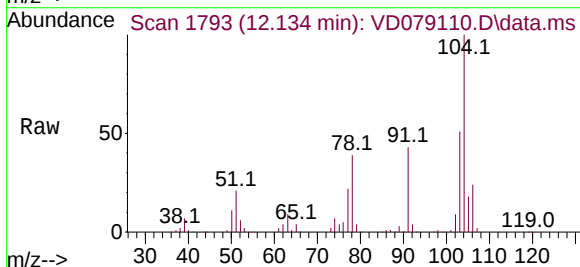
Acq: 31 May 2024 16:20

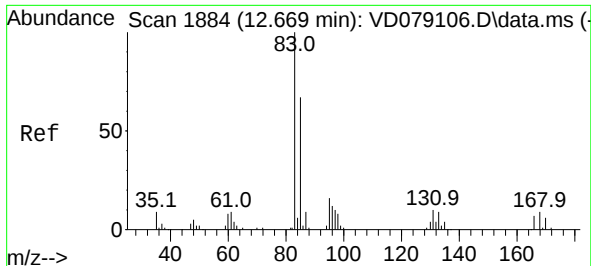
Tgt Ion:104 Resp: 245897

Ion Ratio Lower Upper

104 100

78 38.7 27.8 51.6





#57

1,1,2,2-Tetrachloroethane

Concen: 26.785 ug/L

RT: 12.669 min Scan# 1884

Delta R.T. 0.000 min

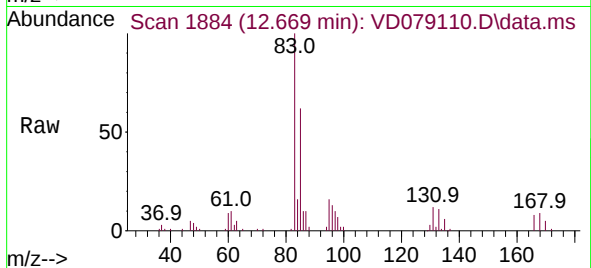
Lab File: VD079110.D

Acq: 31 May 2024 16:20

Instrument :

MSVOA_D

ClientSampleId :



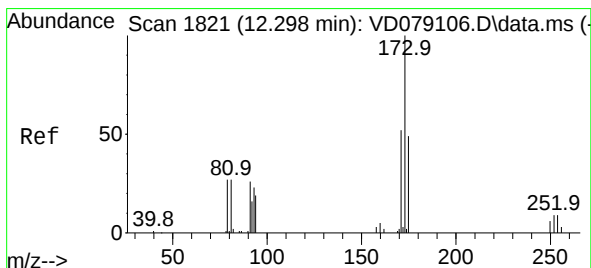
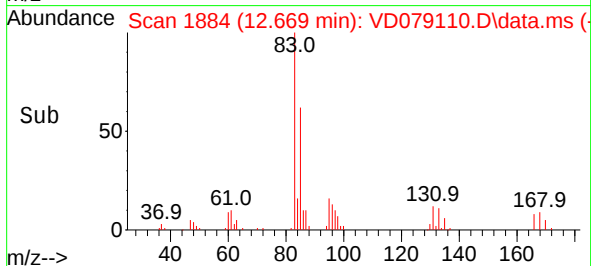
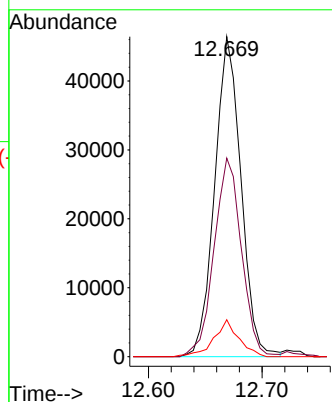
Tgt Ion: 83 Resp: 74691

Ion Ratio Lower Upper

83 100

85 62.1 47.5 88.1

131 11.6 8.6 13.0



#59

Bromoform

Concen: 24.177 ug/L

RT: 12.298 min Scan# 1821

Delta R.T. 0.000 min

Lab File: VD079110.D

Acq: 31 May 2024 16:20

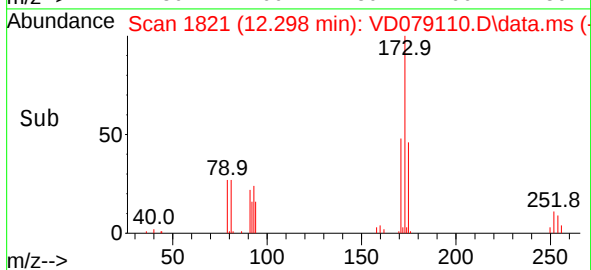
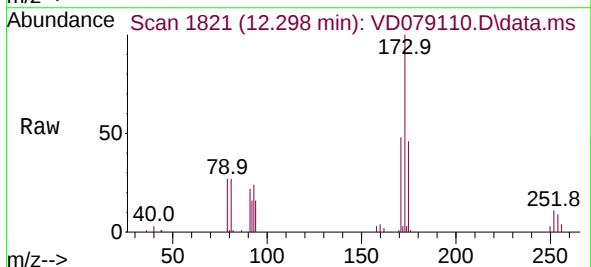
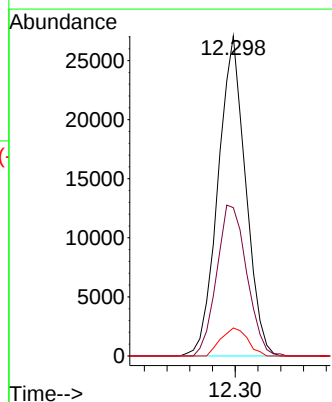
Tgt Ion:173 Resp: 45568

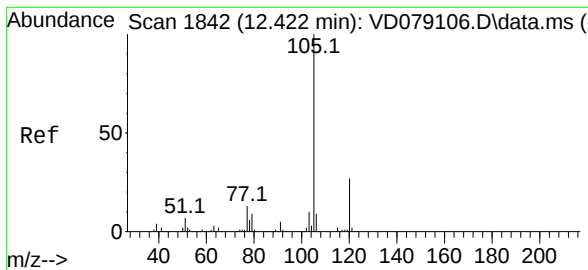
Ion Ratio Lower Upper

173 100

175 51.5 38.2 57.4

254 8.5 7.0 10.6





#60

Isopropylbenzene

Concen: 25.819 ug/L

RT: 12.422 min Scan# 1842

Delta R.T. 0.000 min

Lab File: VD079110.D

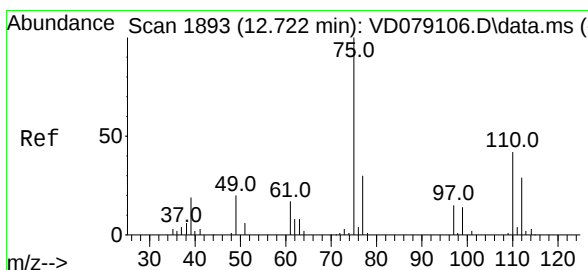
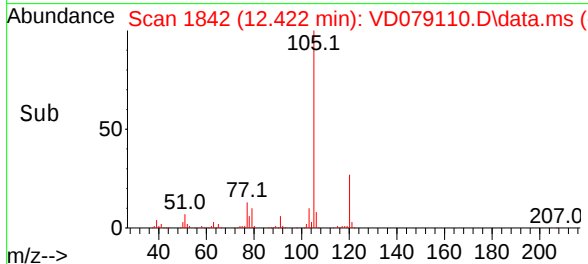
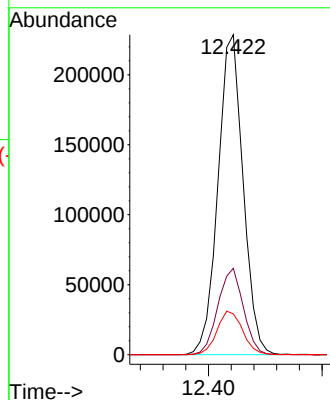
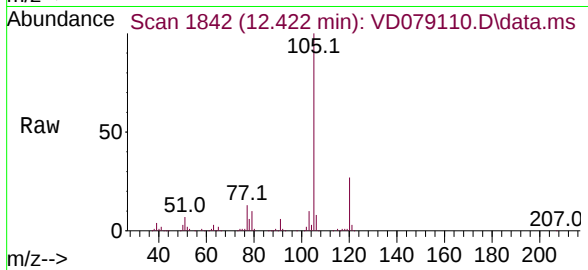
Acq: 31 May 2024 16:20

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	105	Resp:	351083
Ion	Ratio	Lower	Upper
105	100		
120	27.3	21.9	32.9
77	13.9	10.9	16.3



#61

1,2,3-Trichloropropane

Concen: 26.978 ug/L

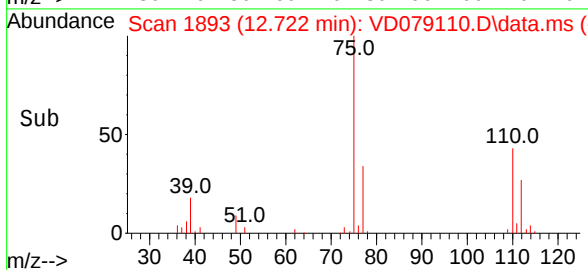
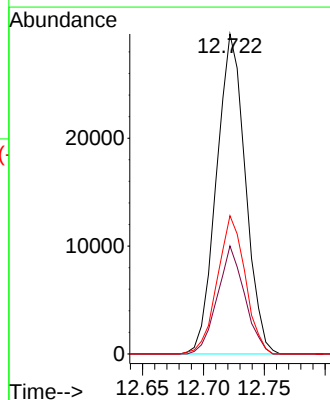
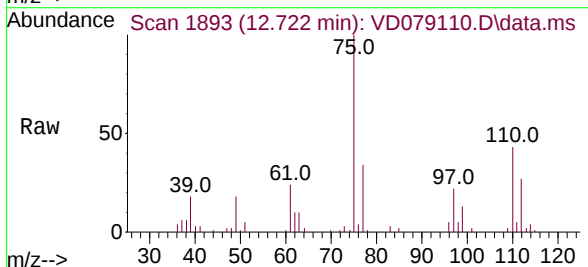
RT: 12.722 min Scan# 1893

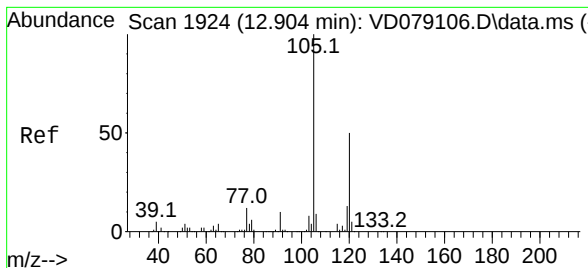
Delta R.T. 0.000 min

Lab File: VD079110.D

Acq: 31 May 2024 16:20

Tgt Ion:	75	Resp:	48982
Ion	Ratio	Lower	Upper
75	100		
77	31.8	25.9	38.9
110	41.7	34.2	51.4

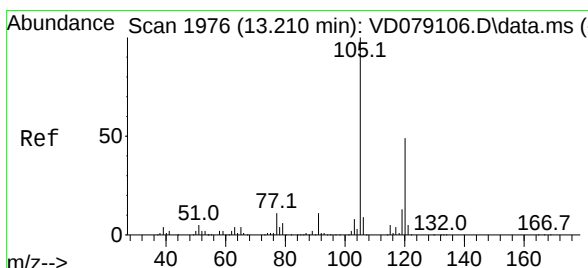
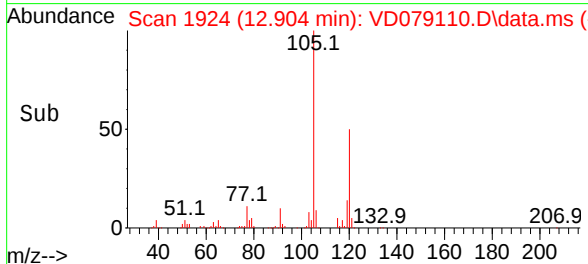
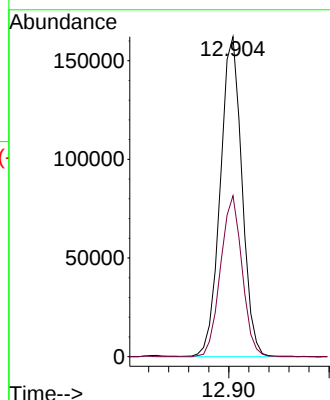
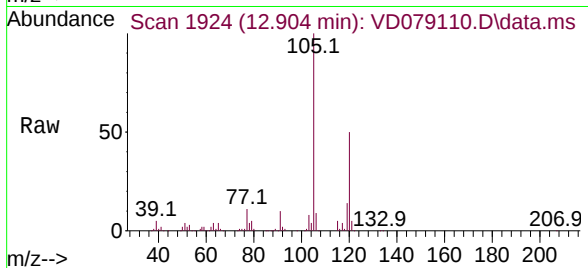




#62
1,3,5-Trimethylbenzene
Concen: 26.093 ug/L
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD079110.D
Acq: 31 May 2024 16:20

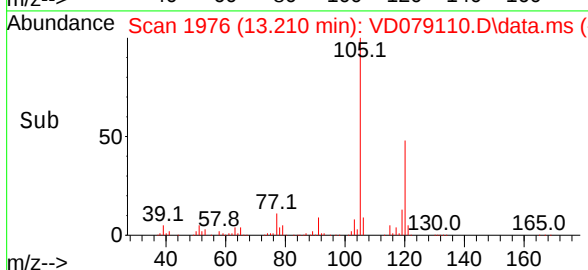
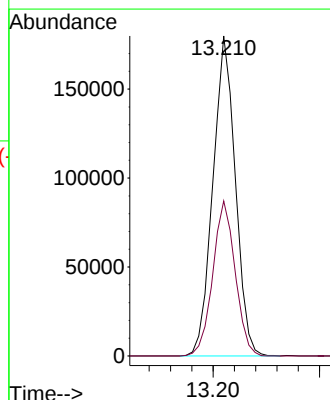
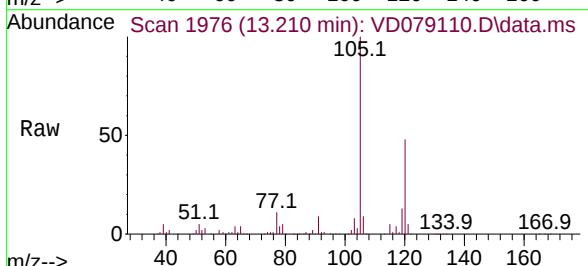
Instrument :
MSVOA_D
ClientSampleId :

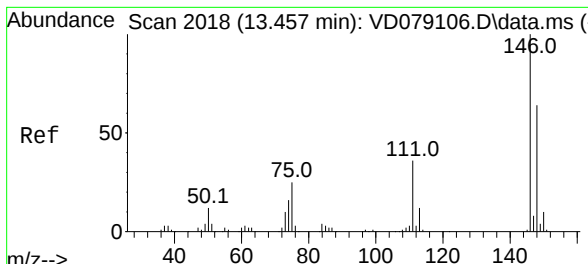
Tgt Ion:105 Resp: 242597
Ion Ratio Lower Upper
105 100
120 49.9 40.7 61.1



#63
1,2,4-Trimethylbenzene
Concen: 26.402 ug/L
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD079110.D
Acq: 31 May 2024 16:20

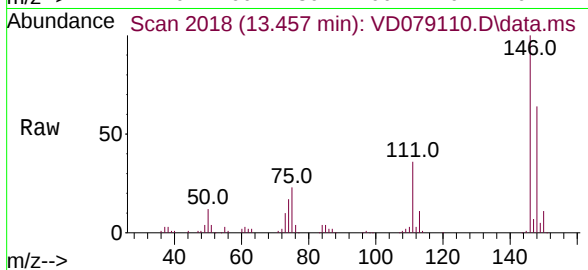
Tgt Ion:105 Resp: 262545
Ion Ratio Lower Upper
105 100
120 48.4 38.0 57.0



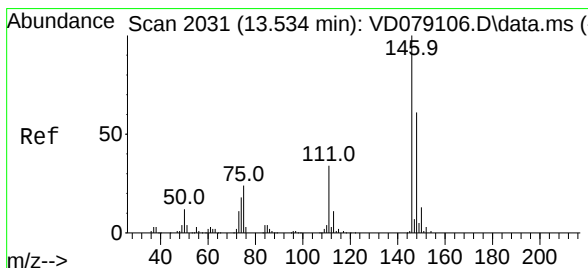
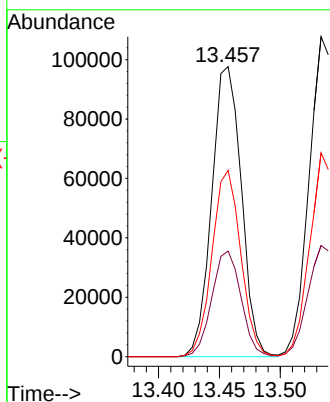
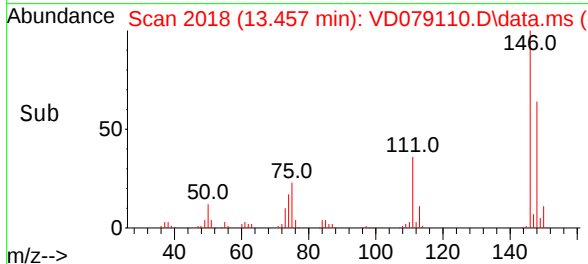


#64
1,3-Dichlorobenzene
Concen: 25.362 ug/L
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD079110.D
Acq: 31 May 2024 16:20

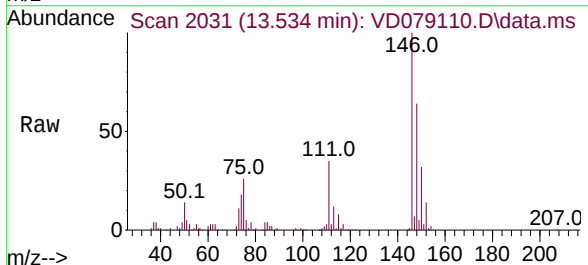
Instrument :
MSVOA_D
ClientSampleId :



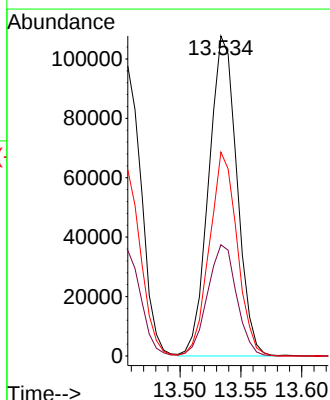
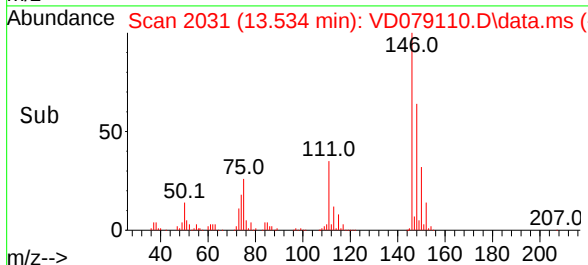
Tgt Ion:146 Resp: 165674
Ion Ratio Lower Upper
146 100
111 36.4 24.4 45.4
148 64.2 44.9 83.3

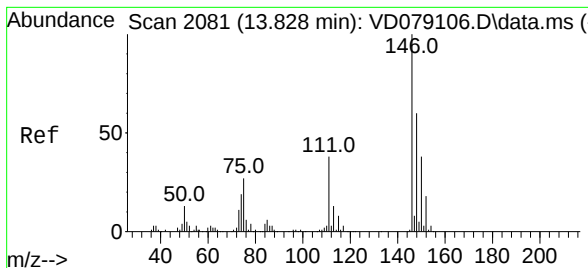


#65
1,4-Dichlorobenzene
Concen: 25.098 ug/L
RT: 13.534 min Scan# 2031
Delta R.T. 0.000 min
Lab File: VD079110.D
Acq: 31 May 2024 16:20



Tgt Ion:146 Resp: 173715
Ion Ratio Lower Upper
146 100
111 34.7 26.3 48.9
148 63.7 43.1 80.1





#67

1,2-Dichlorobenzene

Concen: 25.262 ug/L

RT: 13.828 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VD079110.D

Acq: 31 May 2024 16:20

Instrument :

MSVOA_D

ClientSampleId :

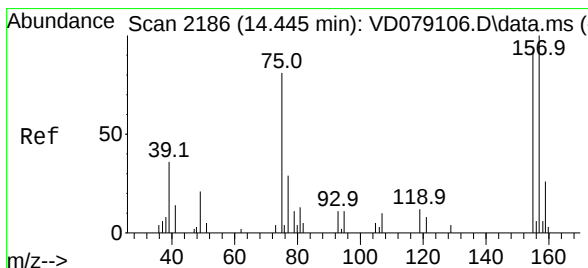
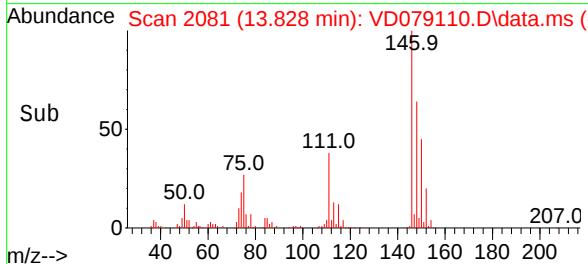
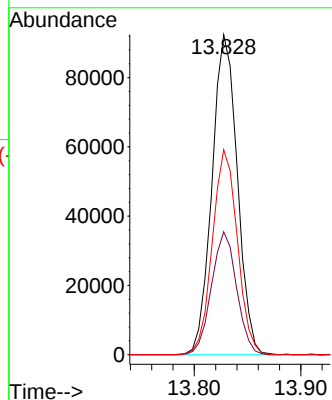
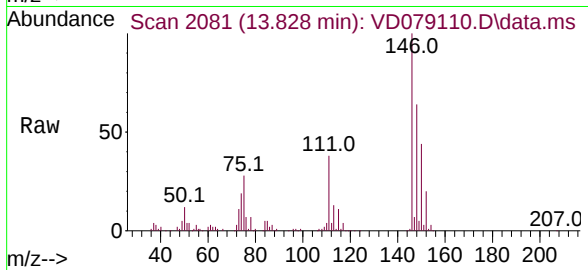
Tgt Ion:146 Resp: 152552

Ion Ratio Lower Upper

146 100

111 38.4 29.1 43.7

148 64.0 51.2 76.8



#68

1,2-Dibromo-3-chloropropane

Concen: 26.648 ug/L

RT: 14.445 min Scan# 2186

Delta R.T. 0.000 min

Lab File: VD079110.D

Acq: 31 May 2024 16:20

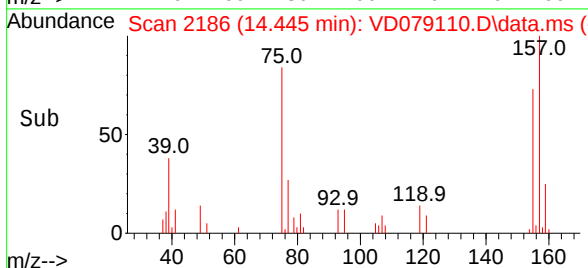
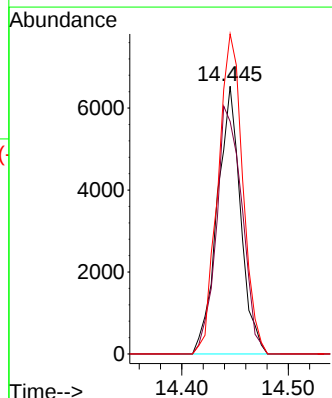
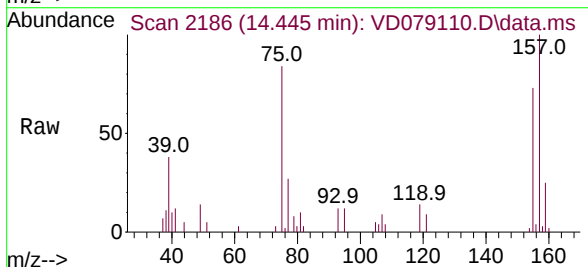
Tgt Ion: 75 Resp: 9946

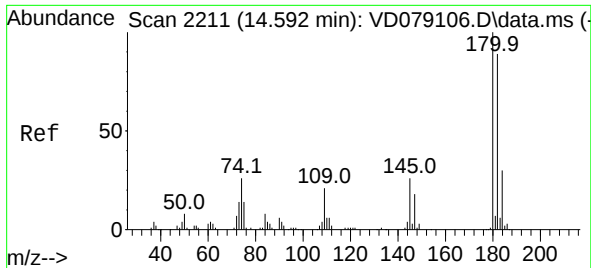
Ion Ratio Lower Upper

75 100

155 86.9 68.1 102.1

157 119.5 91.6 137.4





#69

1,3,5-Trichlorobenzene

Concen: 25.396 ug/L

RT: 14.592 min Scan# 2211

Delta R.T. 0.000 min

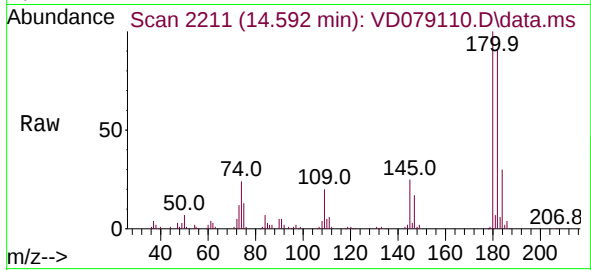
Lab File: VD079110.D

Acq: 31 May 2024 16:20

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:180 Resp: 104631

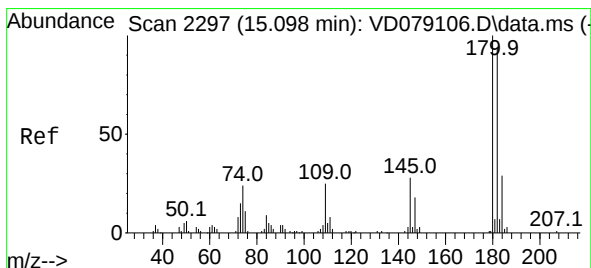
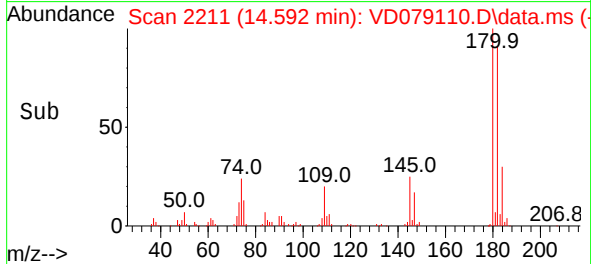
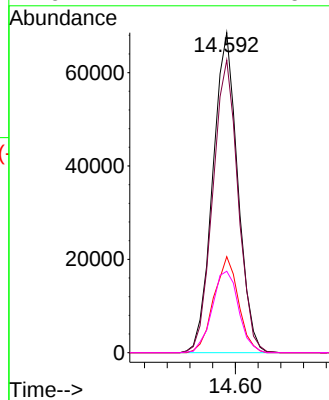
Ion Ratio Lower Upper

180 100

182 92.4 76.9 115.3

184 29.5 23.3 34.9

145 27.1 22.7 34.1



#70

1,2,4-trichlorobenzene

Concen: 23.406 ug/L

RT: 15.098 min Scan# 2297

Delta R.T. 0.000 min

Lab File: VD079110.D

Acq: 31 May 2024 16:20

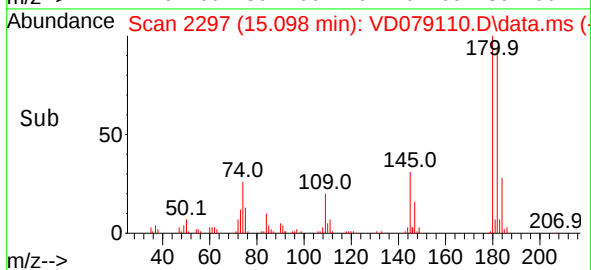
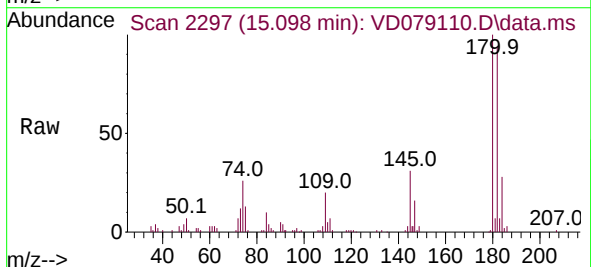
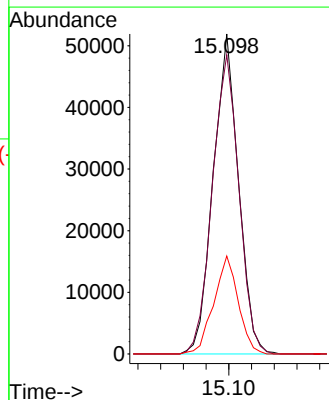
Tgt Ion:180 Resp: 80089

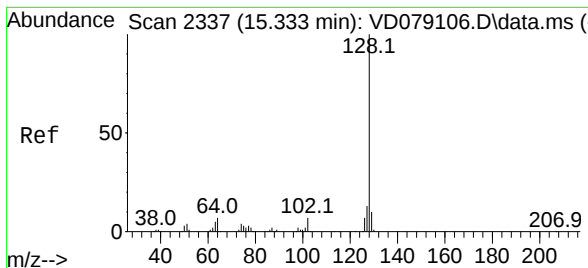
Ion Ratio Lower Upper

180 100

182 98.3 73.8 110.6

145 29.7 22.3 33.5





#71

Naphthalene

Concen: 25.518 ug/L

RT: 15.328 min Scan# 2336

Delta R.T. -0.006 min

Lab File: VD079110.D

Acq: 31 May 2024 16:20

Instrument :

MSVOA_D

ClientSampleId :

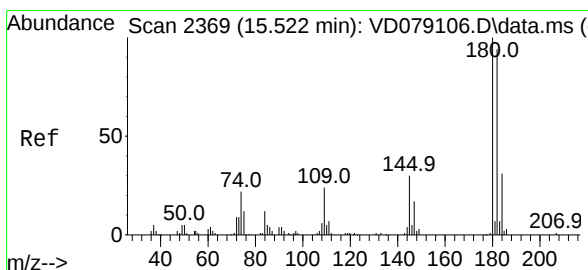
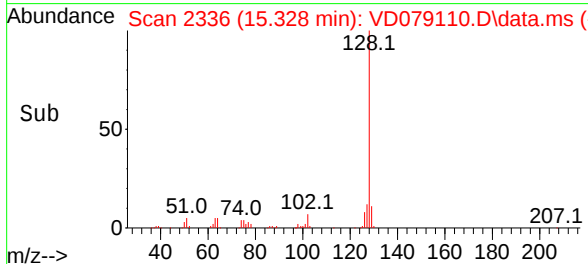
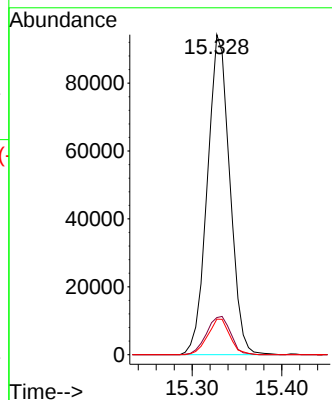
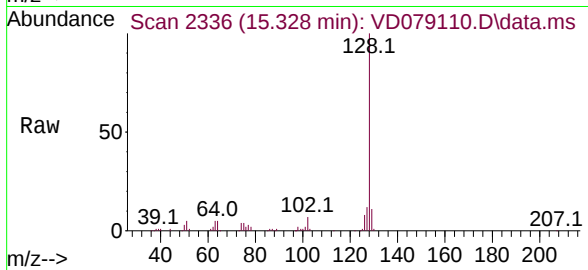
Tgt Ion:128 Resp: 163293

Ion Ratio Lower Upper

128 100

127 12.8 10.8 16.2

129 11.1 8.5 12.7



#72

1,2,3-Trichlorobenzene

Concen: 26.240 ug/L

RT: 15.516 min Scan# 2368

Delta R.T. -0.006 min

Lab File: VD079110.D

Acq: 31 May 2024 16:20

Tgt Ion:180 Resp: 77600

Ion Ratio Lower Upper

180 100

182 95.1 79.4 119.2

145 30.4 24.7 37.1

