

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD053124\
 Data File : VD079106.D
 Acq On : 31 May 2024 09:18
 Operator : RP/MD
 Sample : VSTDCCC025
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jun 01 00:32:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM052924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri May 31 01:52:18 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	212559	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	212871	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	111163	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	146973	22.469	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.880%
7) Chloroethane-d5	2.799	69	133859	21.164	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.640%
11) 1,1-Dichloroethene-d2	3.910	65	24622	21.204	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	84.800%
21) 2-Butanone-d5	6.987	46	23553	47.077	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.160%
24) Chloroform-d	7.569	84	133803	22.513	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.040%
26) 1,2-Dichloroethane-d4	8.228	65	64149	23.398	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.600%
32) Benzene-d6	8.204	84	275316	23.330	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.320%
36) 1,2-Dichloropropane-d6	9.210	67	74914	22.038	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.160%
41) Toluene-d8	10.269	98	253893	22.978	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.920%
43) trans-1,3-Dichloroprop...	10.522	79	35282	24.694	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.760%
47) 2-Hexanone-d5	10.875	63	22733	51.731	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.460%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	70059	23.268	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.080%
66) 1,2-Dichlorobenzene-d4	13.816	152	85635	22.321	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.280%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	79420	23.603	ug/L	99
3) Chloromethane	2.146	50	106690	23.790	ug/L	99
5) Vinyl chloride	2.281	62	196329	26.523	ug/L	96
6) Bromomethane	2.693	94	135186	23.657	ug/L	97
8) Chloroethane	2.834	64	133289	24.568	ug/L	90
9) Trichlorofluoromethane	3.175	101	127752	22.656	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.963	101	83125	24.584	ug/L	99
12) 1,1-Dichloroethene	3.940	96	68440	23.249	ug/L	89
13) Acetone	4.022	43	42249	58.330	ug/L	70
14) Carbon disulfide	4.275	76	247825	24.133	ug/L	97
15) Methyl Acetate	4.558	43	27807	28.177	ug/L	96
16) Methylene chloride	4.805	84	89193	23.550	ug/L	94
17) trans-1,2-Dichloroethene	5.310	96	80158	25.197	ug/L	95
18) Methyl tert-butyl Ether	5.322	73	153360	27.181	ug/L #	90
19) 1,1-Dichloroethane	6.110	63	130060	25.393	ug/L	94
20) cis-1,2-Dichloroethene	7.075	96	87962	26.554	ug/L	92
22) 2-Butanone	7.081	43	43668	57.390	ug/L	92
23) Bromochloromethane	7.428	128	43100	25.663	ug/L	97
25) Chloroform	7.593	83	148061	25.461	ug/L	95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD053124\
 Data File : VD079106.D
 Acq On : 31 May 2024 09:18
 Operator : RP/MD
 Sample : VSTDCCC025
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jun 01 00:32:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM052924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri May 31 01:52:18 2024
 Response via : Initial Calibration

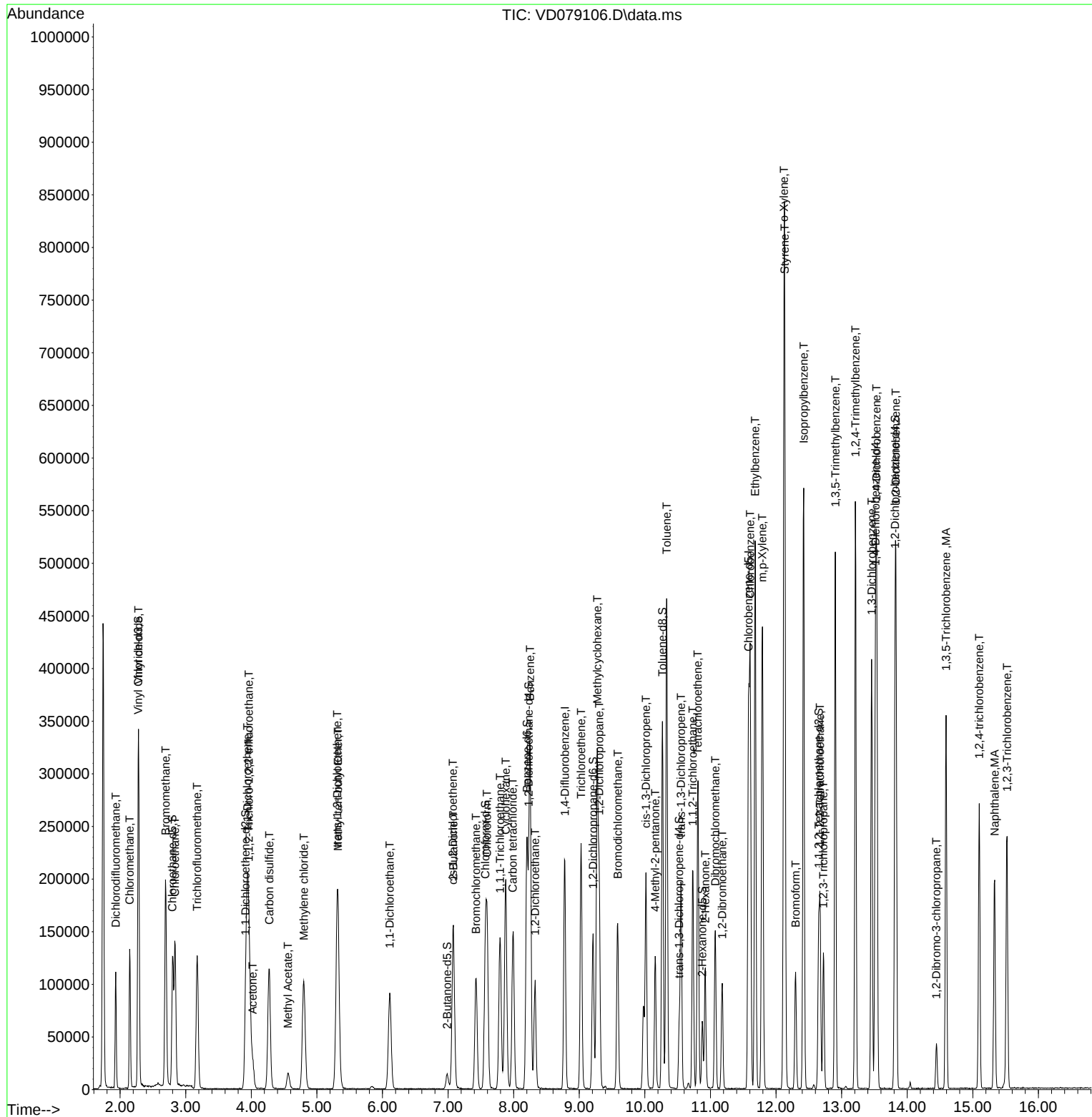
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.328	62	88402	26.188	ug/L	98
29) Cyclohexane	7.881	56	99654	25.946	ug/L	99
30) 1,1,1-Trichloroethane	7.793	97	125608	24.923	ug/L	97
31) Carbon tetrachloride	7.987	117	116744	24.927	ug/L	95
33) Benzene	8.251	78	337663	26.633	ug/L	100
34) Trichloroethene	9.028	95	81672	25.011	ug/L	97
35) Methylcyclohexane	9.275	83	141781	26.203	ug/L	99
37) 1,2-Dichloropropane	9.304	63	82261	26.489	ug/L	100
38) Bromodichloromethane	9.587	83	112310	26.015	ug/L	98
39) cis-1,3-Dichloropropene	10.016	75	128567	26.520	ug/L	95
40) 4-Methyl-2-pentanone	10.157	43	75611	58.324	ug/L	96
42) Toluene	10.334	91	372512	26.459	ug/L	96
44) trans-1,3-Dichloropropene	10.551	75	112996	27.564	ug/L	94
45) 1,1,2-Trichloroethane	10.728	97	71491	26.240	ug/L	97
46) Tetrachloroethene	10.804	164	72609	25.253	ug/L	93
48) 2-Hexanone	10.922	43	64868	57.826	ug/L	96
49) Dibromochloromethane	11.075	129	81903	25.386	ug/L	99
50) 1,2-Dibromoethane	11.181	107	67545	26.976	ug/L	95
51) Chlorobenzene	11.604	112	236315	25.227	ug/L	98
52) Ethylbenzene	11.681	91	389488	26.522	ug/L	98
53) m,p-Xylene	11.792	106	153842	26.701	ug/L	100
54) o-Xylene	12.122	106	150938	27.115	ug/L	95
55) Styrene	12.134	104	278607	28.227	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.669	83	81341	26.672	ug/L	99
59) Bromoform	12.298	173	50727	24.898	ug/L	99
60) Isopropylbenzene	12.422	105	385675	26.239	ug/L	100
61) 1,2,3-Trichloropropane	12.722	75	53706	27.365	ug/L	99
62) 1,3,5-Trimethylbenzene	12.904	105	268797	26.746	ug/L	100
63) 1,2,4-Trimethylbenzene	13.210	105	295323	27.474	ug/L	100
64) 1,3-Dichlorobenzene	13.457	146	182251	25.810	ug/L	100
65) 1,4-Dichlorobenzene	13.534	146	191745	25.628	ug/L	97
67) 1,2-Dichlorobenzene	13.828	146	168452	25.806	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.445	75	10565	26.187	ug/L #	81
69) 1,3,5-Trichlorobenzene	14.592	180	113403	25.464	ug/L	98
70) 1,2,4-trichlorobenzene	15.098	180	90486	24.464	ug/L	97
71) Naphthalene	15.333	128	181346	26.216	ug/L	100
72) 1,2,3-Trichlorobenzene	15.522	180	87427	27.349	ug/L	97

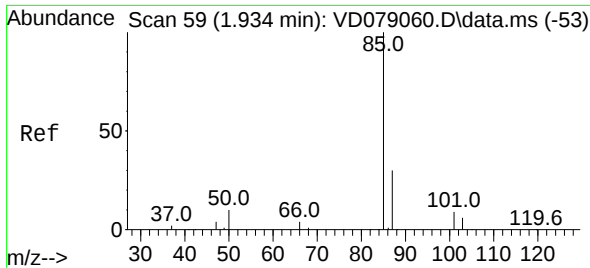
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD053124\
 Data File : VD079106.D
 Acq On : 31 May 2024 09:18
 Operator : RP/MD
 Sample : VSTDCCC025
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jun 01 00:32:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM052924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri May 31 01:52:18 2024
 Response via : Initial Calibration

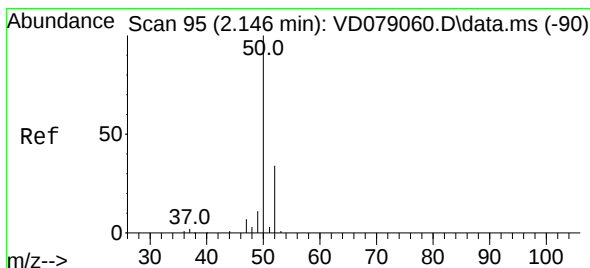
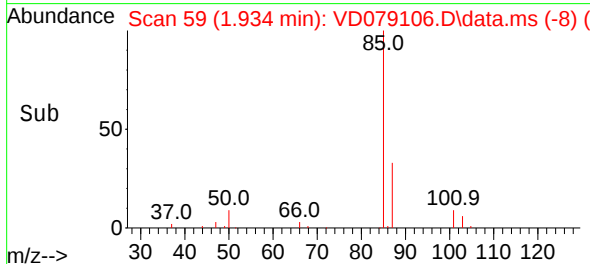
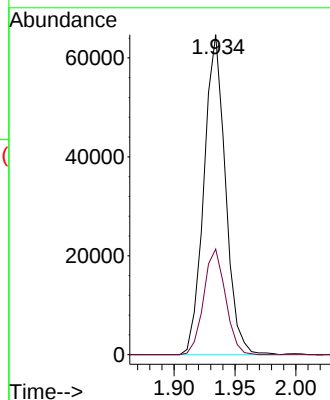
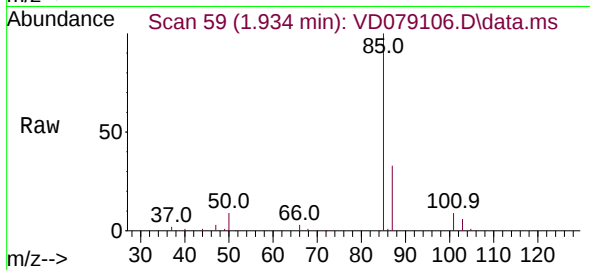




#2
Dichlorodifluoromethane
Concen: 23.603 ug/L
RT: 1.934 min Scan# 59
Delta R.T. -0.000 min
Lab File: VD079106.D
Acq: 31 May 2024 09:18

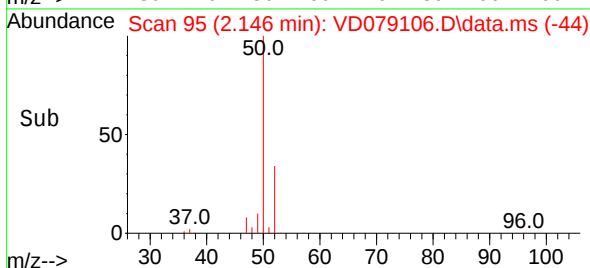
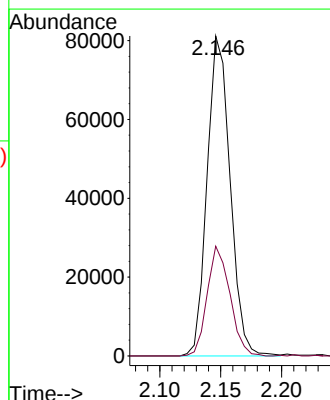
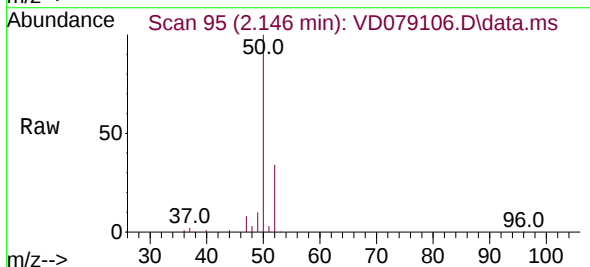
Instrument :
MSVOA_D
ClientSampleId :

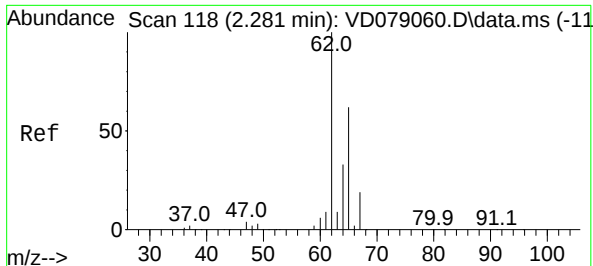
Tgt Ion: 85 Resp: 79420
Ion Ratio Lower Upper
85 100
87 33.4 26.2 39.4



#3
Chloromethane
Concen: 23.790 ug/L
RT: 2.146 min Scan# 95
Delta R.T. -0.000 min
Lab File: VD079106.D
Acq: 31 May 2024 09:18

Tgt Ion: 50 Resp: 106690
Ion Ratio Lower Upper
50 100
52 34.3 24.4 45.2

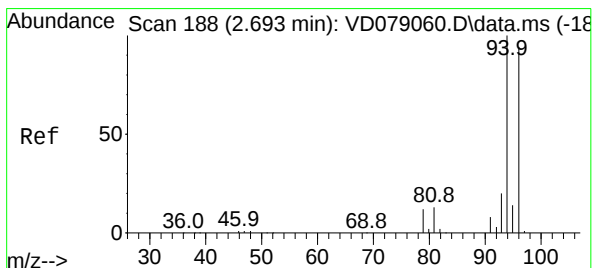
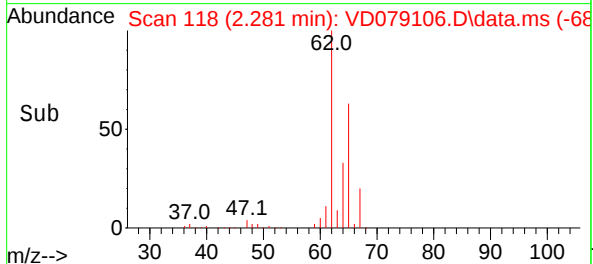
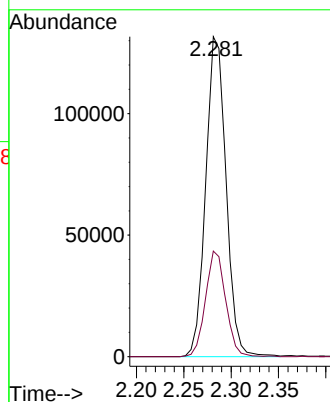
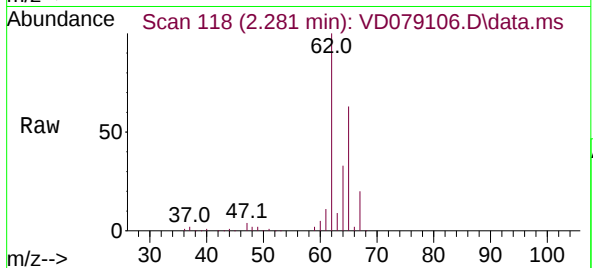




#5
 Vinyl chloride
 Concen: 26.523 ug/L
 RT: 2.281 min Scan# 118
 Delta R.T. -0.006 min
 Lab File: VD079106.D
 Acq: 31 May 2024 09:18

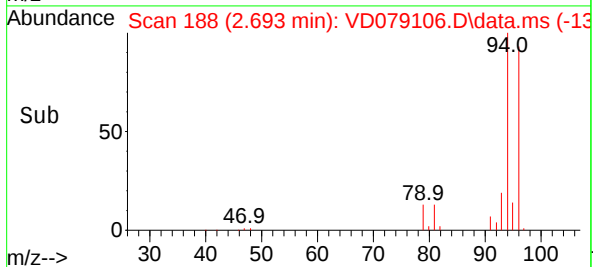
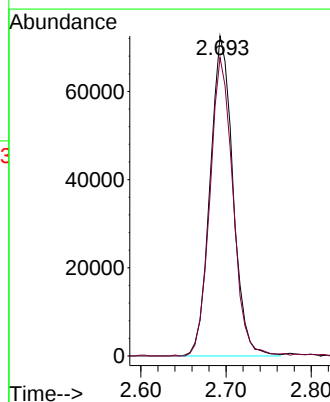
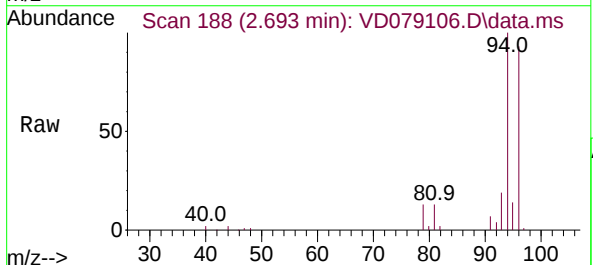
Instrument :
 MSVOA_D
 ClientSampleId :

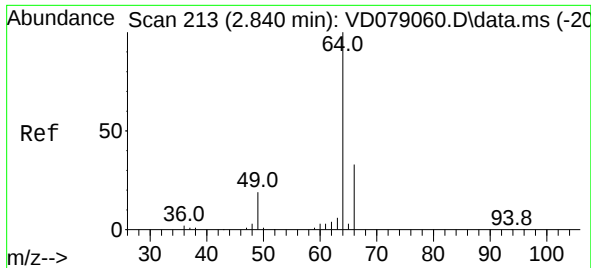
Tgt Ion: 62 Resp: 196329
 Ion Ratio Lower Upper
 62 100
 64 33.0 24.8 46.1



#6
 Bromomethane
 Concen: 23.657 ug/L
 RT: 2.693 min Scan# 188
 Delta R.T. -0.000 min
 Lab File: VD079106.D
 Acq: 31 May 2024 09:18

Tgt Ion: 94 Resp: 135186
 Ion Ratio Lower Upper
 94 100
 96 93.3 63.6 118.2

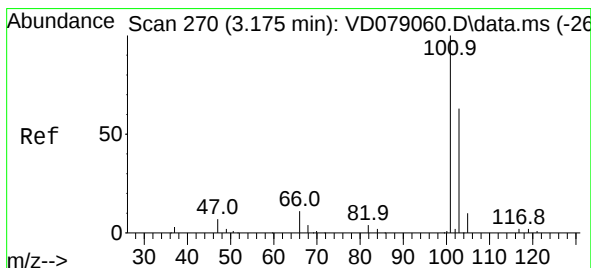
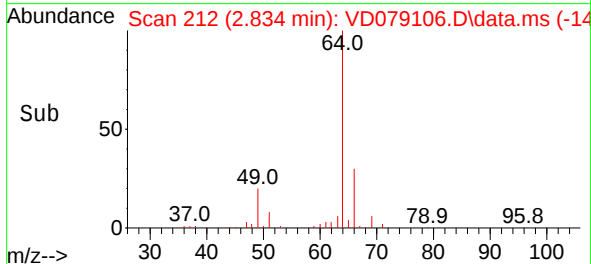
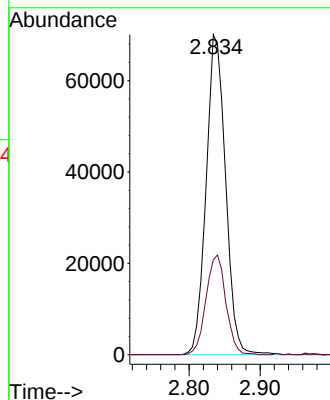
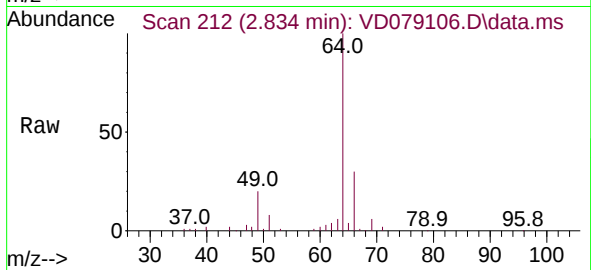




#8
Chloroethane
Concen: 24.568 ug/L
RT: 2.834 min Scan# 213
Delta R.T. -0.000 min
Lab File: VD079106.D
Acq: 31 May 2024 09:18

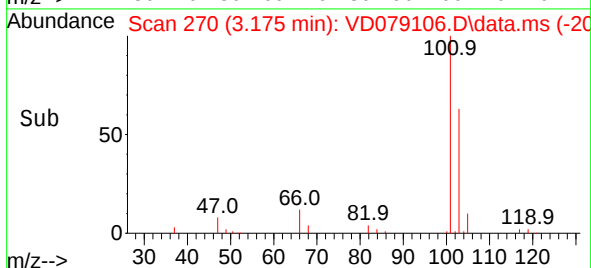
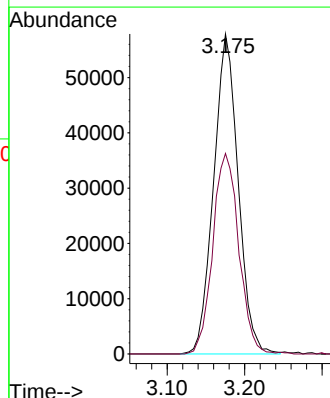
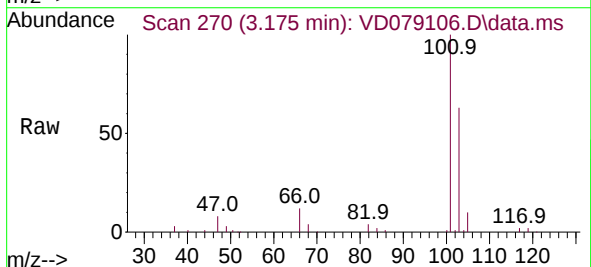
Instrument :
MSVOA_D
ClientSampleId :

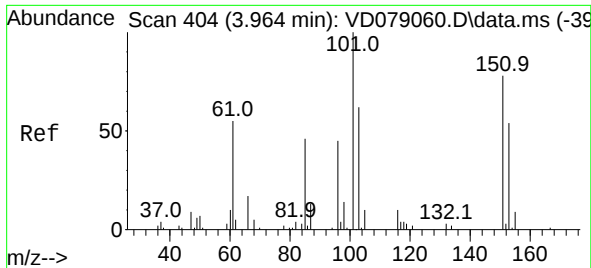
Tgt Ion: 64 Resp: 133289
Ion Ratio Lower Upper
64 100
66 29.7 24.8 46.1



#9
Trichlorofluoromethane
Concen: 22.656 ug/L
RT: 3.175 min Scan# 270
Delta R.T. -0.000 min
Lab File: VD079106.D
Acq: 31 May 2024 09:18

Tgt Ion:101 Resp: 127752
Ion Ratio Lower Upper
101 100
103 66.2 52.6 79.0





#10

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

Concen: 24.584 ug/L

RT: 3.963 min Scan# 400

Delta R.T. -0.006 min

Lab File: VD079106.D

Acq: 31 May 2024 09:18

Instrument :

MSVOA_D

ClientSampleId :

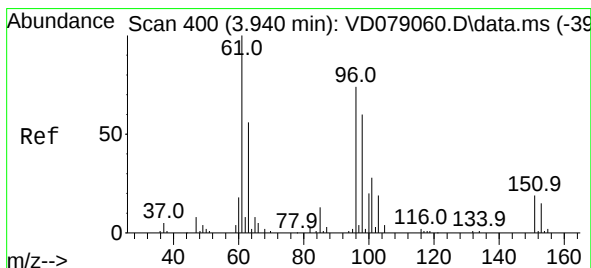
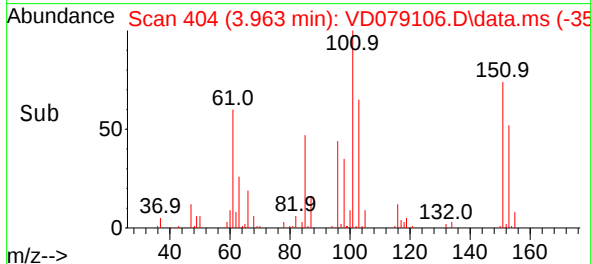
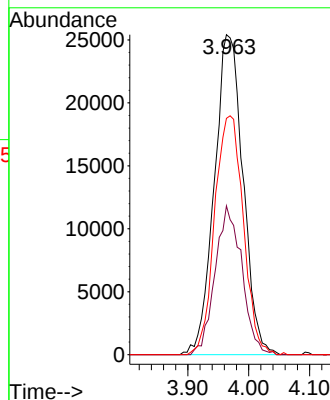
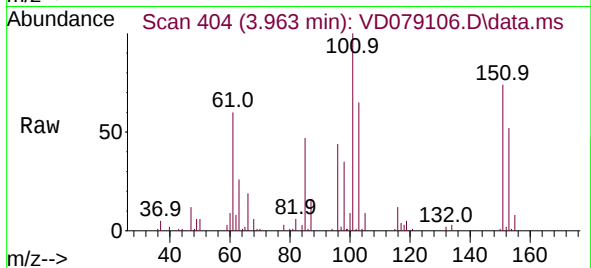
Tgt Ion:101 Resp: 83125

Ion Ratio Lower Upper

101 100

85 43.2 35.4 53.0

151 74.5 59.1 88.7



#12

1,1-Dichloroethene

Concen: 23.249 ug/L

RT: 3.940 min Scan# 400

Delta R.T. -0.006 min

Lab File: VD079106.D

Acq: 31 May 2024 09:18

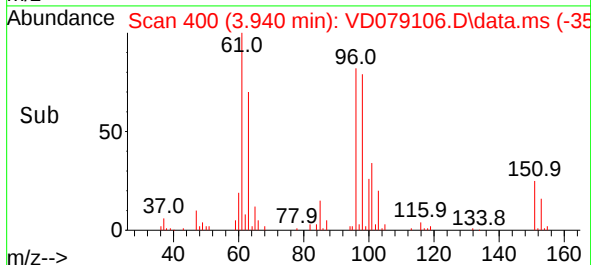
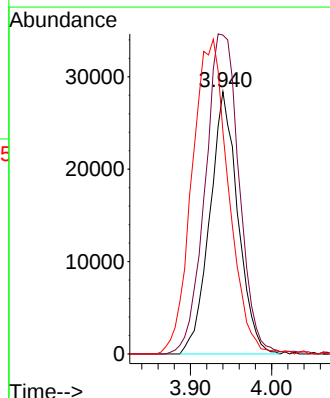
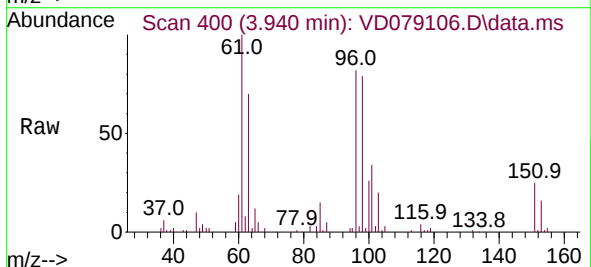
Tgt Ion: 96 Resp: 68440

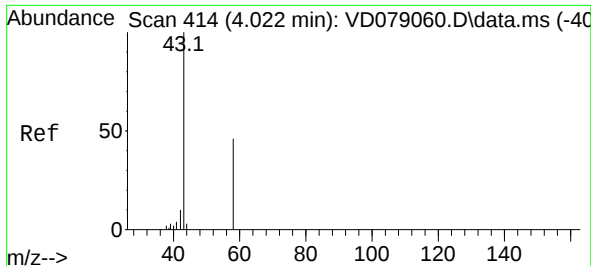
Ion Ratio Lower Upper

96 100

61 121.6 93.9 174.3

63 84.8 67.7 125.7





#13

Acetone

Concen: 58.330 ug/L

RT: 4.022 min Scan# 414

Delta R.T. 0.006 min

Lab File: VD079106.D

Acq: 31 May 2024 09:18

Instrument :

MSVOA_D

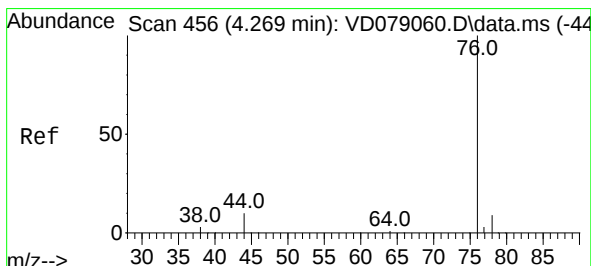
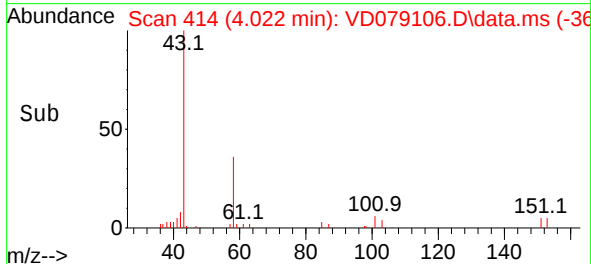
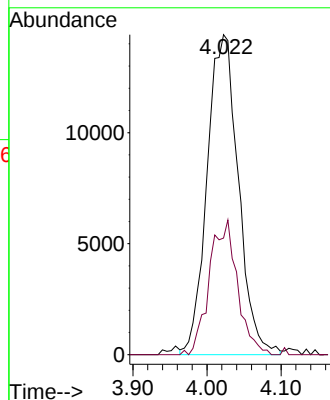
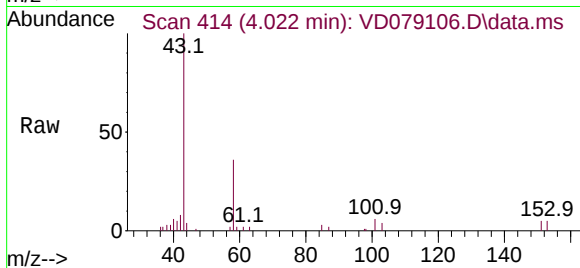
ClientSampleId :

Tgt Ion: 43 Resp: 42249

Ion Ratio Lower Upper

43 100

58 21.0 0.0 78.2



#14

Carbon disulfide

Concen: 24.133 ug/L

RT: 4.275 min Scan# 457

Delta R.T. 0.006 min

Lab File: VD079106.D

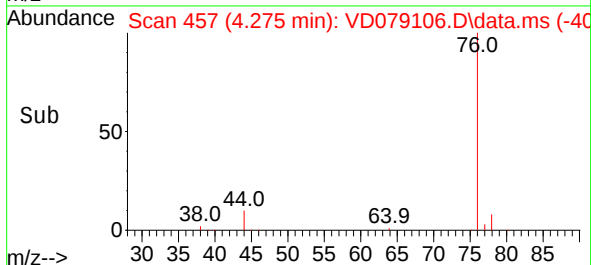
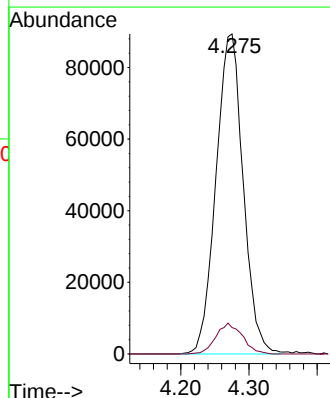
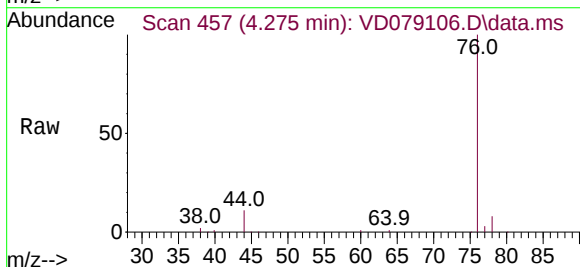
Acq: 31 May 2024 09:18

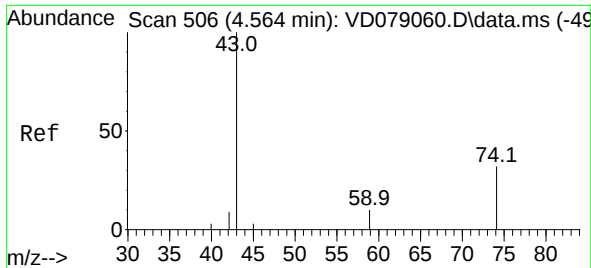
Tgt Ion: 76 Resp: 247825

Ion Ratio Lower Upper

76 100

78 8.3 7.5 11.3





#15

Methyl Acetate

Concen: 28.177 ug/L

RT: 4.558 min Scan# 506

Delta R.T. -0.006 min

Lab File: VD079106.D

Acq: 31 May 2024 09:18

Instrument :

MSVOA_D

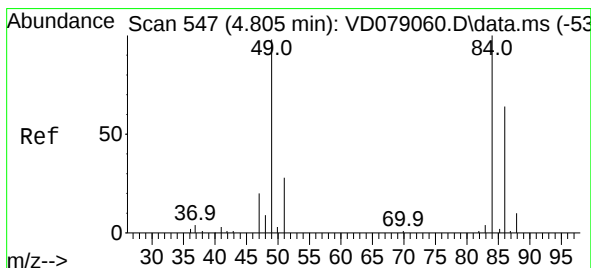
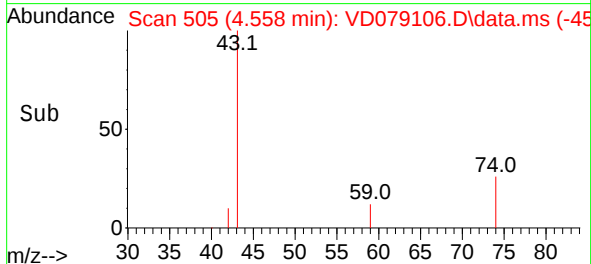
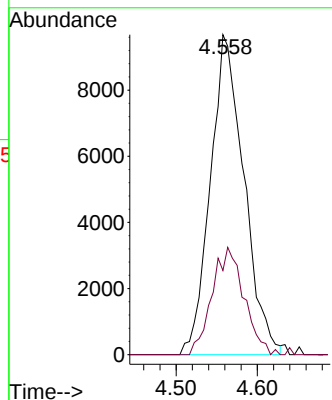
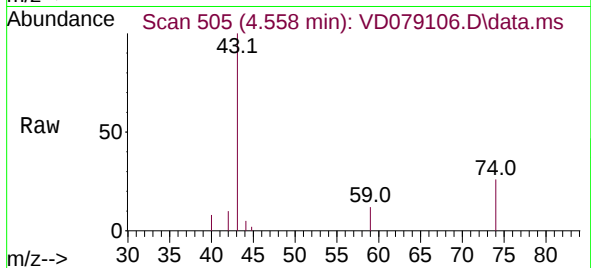
ClientSampleId :

Tgt Ion: 43 Resp: 27807

Ion Ratio Lower Upper

43 100

74 31.7 23.8 35.6



#16

Methylene chloride

Concen: 23.550 ug/L

RT: 4.805 min Scan# 547

Delta R.T. 0.006 min

Lab File: VD079106.D

Acq: 31 May 2024 09:18

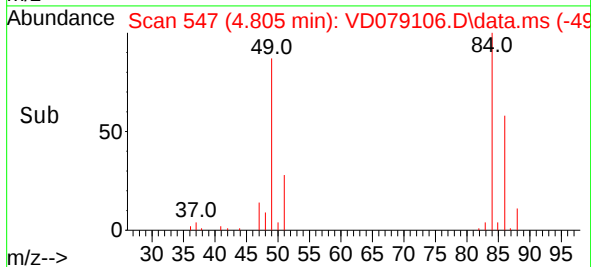
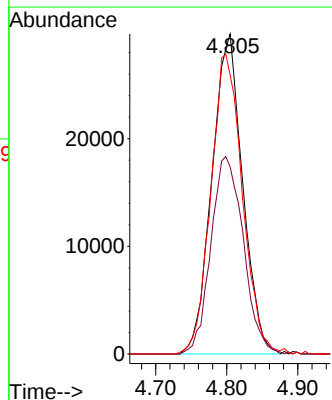
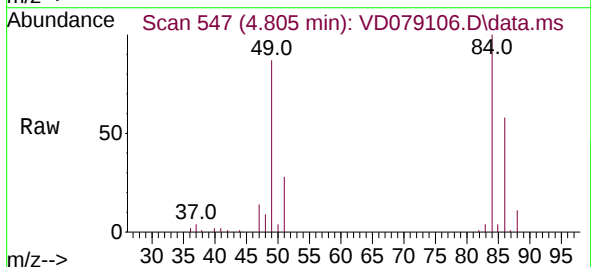
Tgt Ion: 84 Resp: 89193

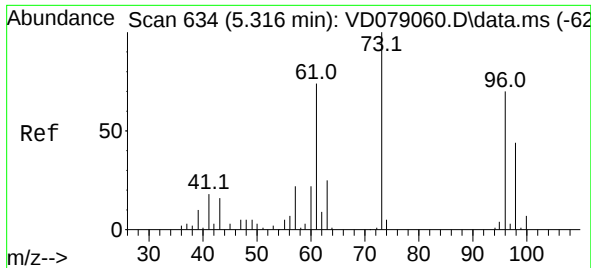
Ion Ratio Lower Upper

84 100

86 58.5 40.9 76.0

49 87.2 67.5 125.3





#17

trans-1,2-Dichloroethene

Concen: 25.197 ug/L

RT: 5.310 min Scan# 61

Delta R.T. -0.006 min

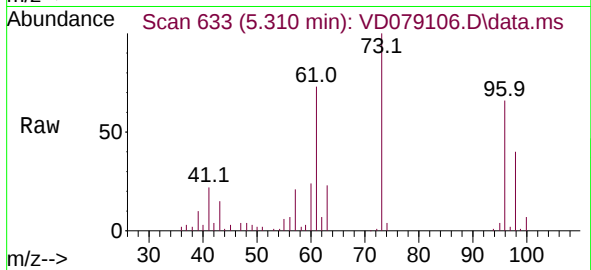
Lab File: VD079106.D

Acq: 31 May 2024 09:18

Instrument :

MSVOA_D

ClientSampleId :



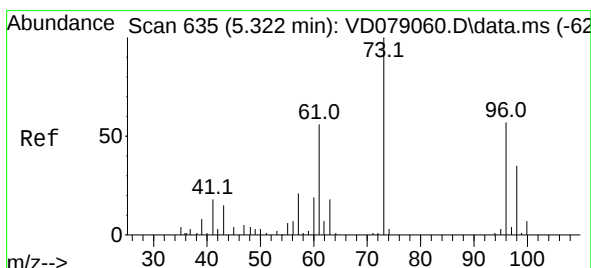
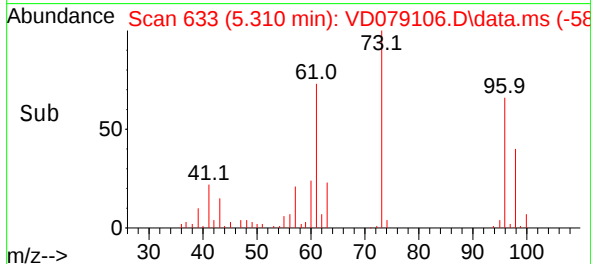
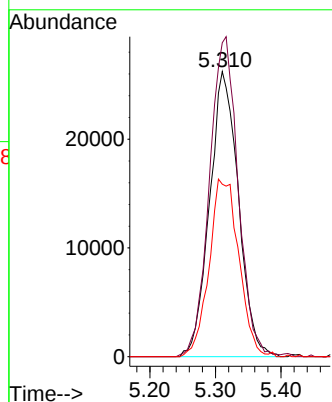
Tgt Ion: 96 Resp: 80158

Ion Ratio Lower Upper

96 100

61 110.1 71.9 133.5

98 60.5 42.6 79.2



#18

Methyl tert-butyl Ether

Concen: 27.181 ug/L

RT: 5.322 min Scan# 635

Delta R.T. 0.006 min

Lab File: VD079106.D

Acq: 31 May 2024 09:18

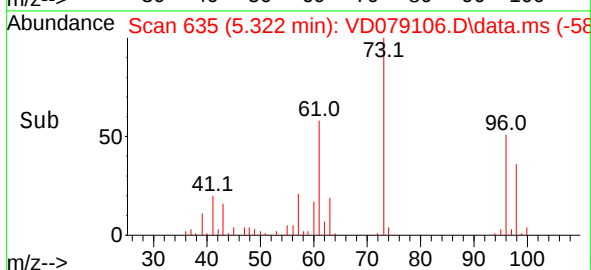
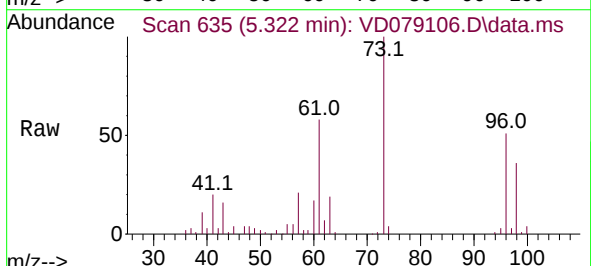
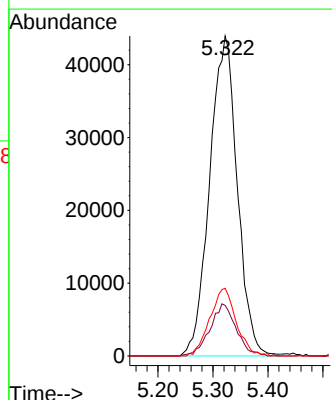
Tgt Ion: 73 Resp: 153360

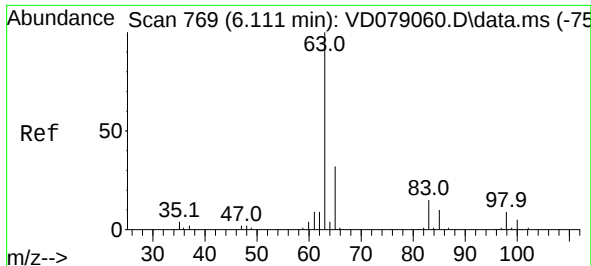
Ion Ratio Lower Upper

73 100

43 15.2 12.0 18.0

57 20.1 9.6 14.4#

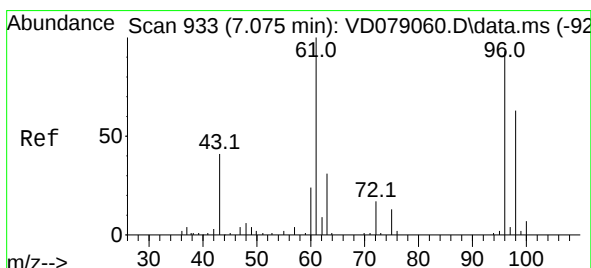
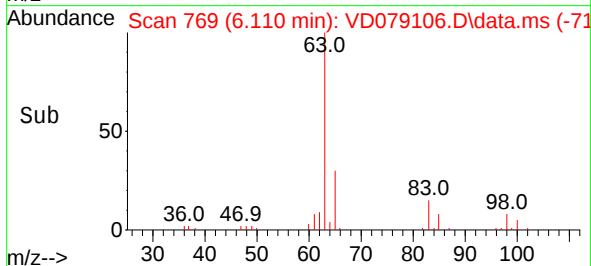
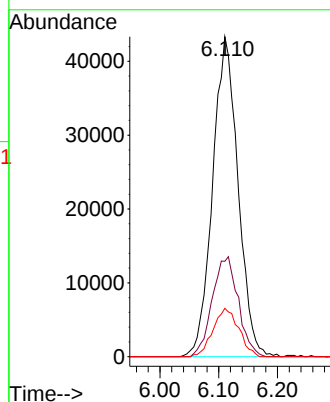
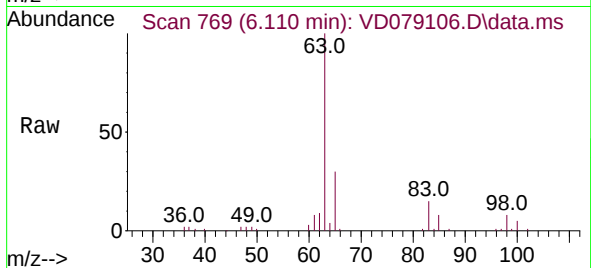




#19
1,1-Dichloroethane
Concen: 25.393 ug/L
RT: 6.110 min Scan# 769
Delta R.T. -0.006 min
Lab File: VD079106.D
Acq: 31 May 2024 09:18

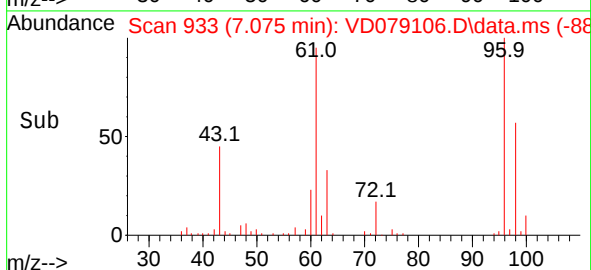
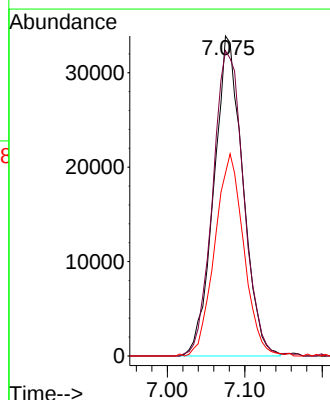
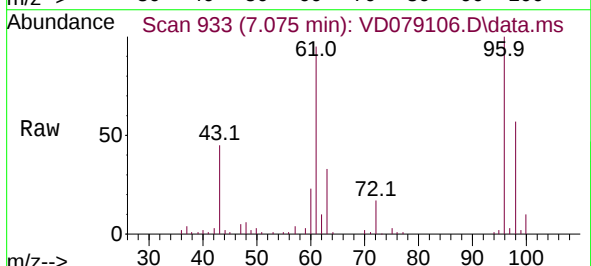
Instrument :
MSVOA_D
ClientSampleId :

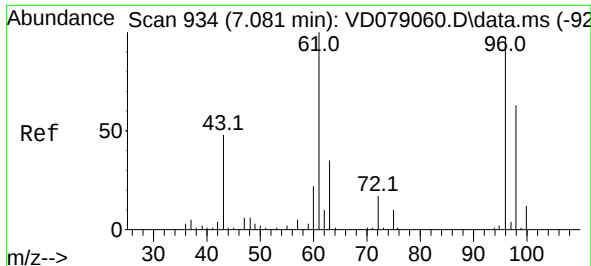
Tgt Ion: 63 Resp: 130060
Ion Ratio Lower Upper
63 100
65 29.8 22.8 42.4
83 15.1 8.6 16.0



#20
cis-1,2-Dichloroethene
Concen: 26.554 ug/L
RT: 7.075 min Scan# 933
Delta R.T. -0.006 min
Lab File: VD079106.D
Acq: 31 May 2024 09:18

Tgt Ion: 96 Resp: 87962
Ion Ratio Lower Upper
96 100
61 95.4 72.6 134.8
98 57.2 43.8 81.3





#22

2-Butanone

Concen: 57.390 ug/L

RT: 7.081 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD079106.D

Acq: 31 May 2024 09:18

Instrument :

MSVOA_D

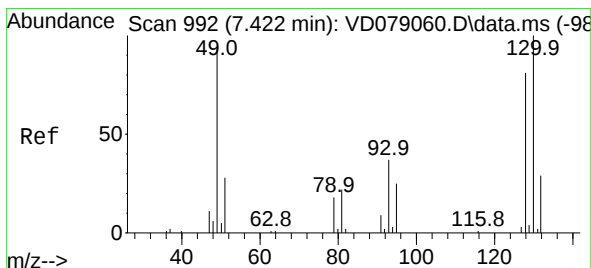
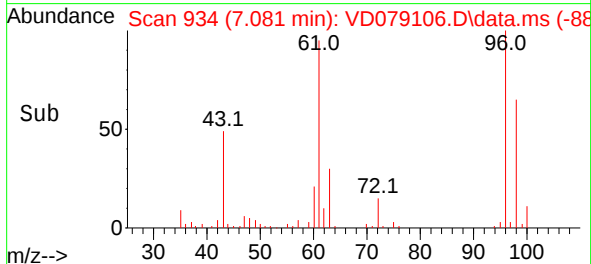
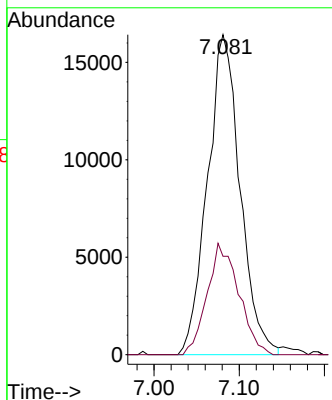
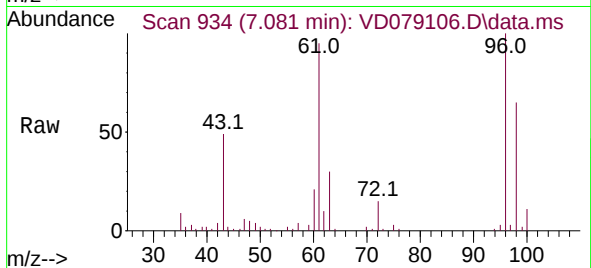
ClientSampleId :

Tgt Ion: 43 Resp: 43668

Ion Ratio Lower Upper

43 100

72 33.7 19.3 57.8



#23

Bromochloromethane

Concen: 25.663 ug/L

RT: 7.428 min Scan# 993

Delta R.T. -0.000 min

Lab File: VD079106.D

Acq: 31 May 2024 09:18

Tgt Ion:128 Resp: 43100

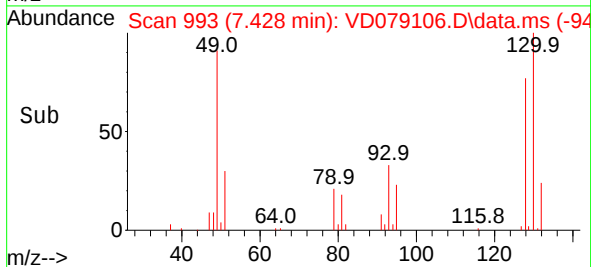
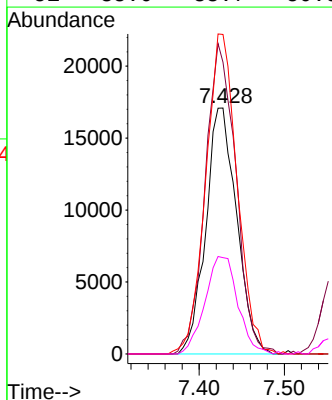
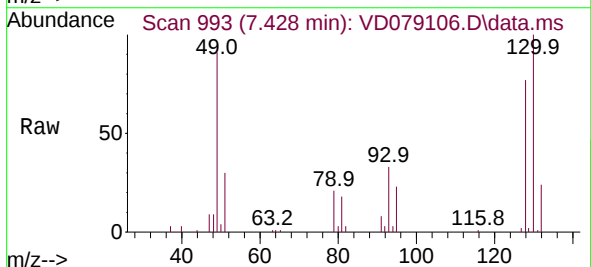
Ion Ratio Lower Upper

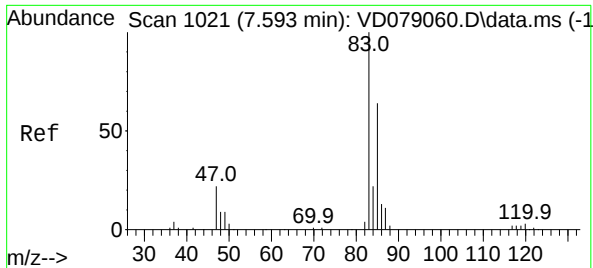
128 100

49 114.9 81.8 151.8

130 125.9 90.4 167.8

51 38.0 33.7 50.5

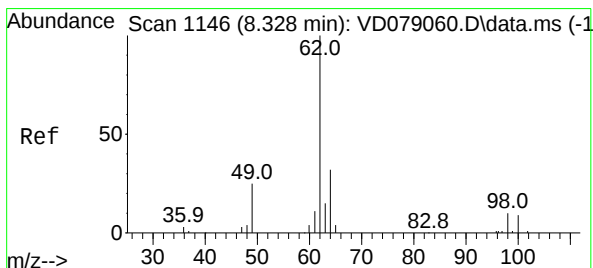
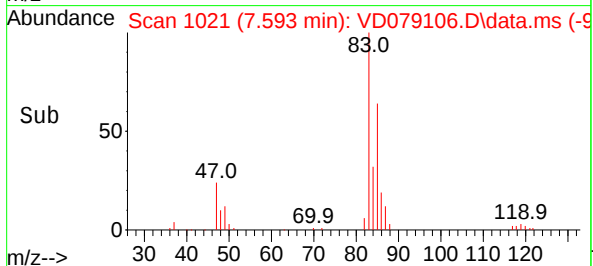
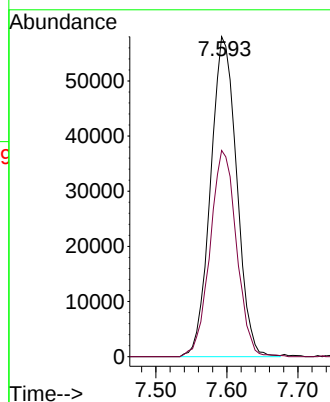
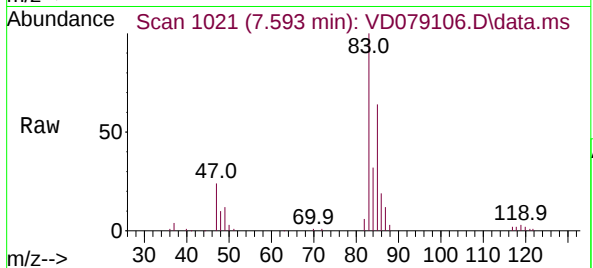




#25
Chloroform
Concen: 25.461 ug/L
RT: 7.593 min Scan# 1021
Delta R.T. -0.000 min
Lab File: VD079106.D
Acq: 31 May 2024 09:18

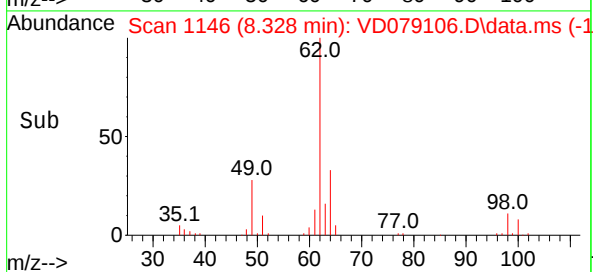
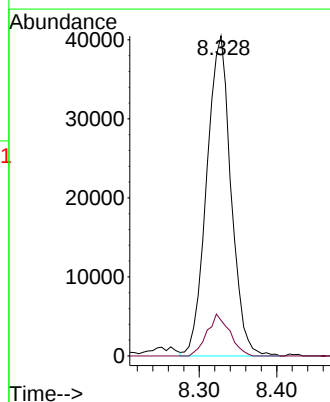
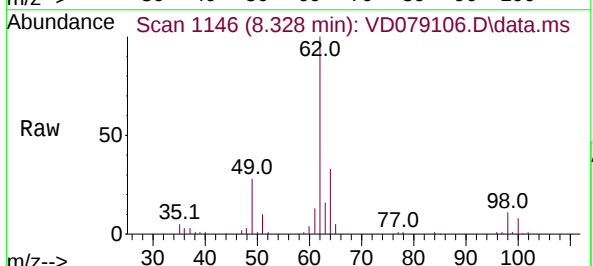
Instrument :
MSVOA_D
ClientSampleId :

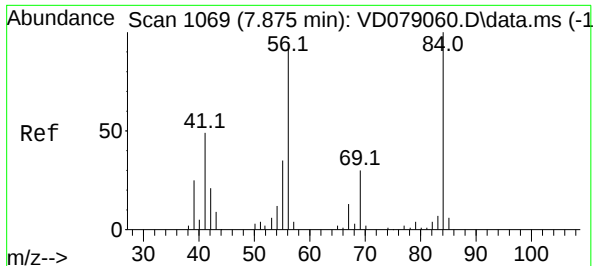
Tgt Ion: 83 Resp: 148061
Ion Ratio Lower Upper
83 100
85 64.5 47.9 89.1



#27
1,2-Dichloroethane
Concen: 26.188 ug/L
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD079106.D
Acq: 31 May 2024 09:18

Tgt Ion: 62 Resp: 88402
Ion Ratio Lower Upper
62 100
98 11.2 8.2 12.4





#29

Cyclohexane

Concen: 25.946 ug/L

RT: 7.881 min Scan# 1

Delta R.T. 0.006 min

Lab File: VD079106.D

Acq: 31 May 2024 09:18

Instrument :

MSVOA_D

ClientSampleId :

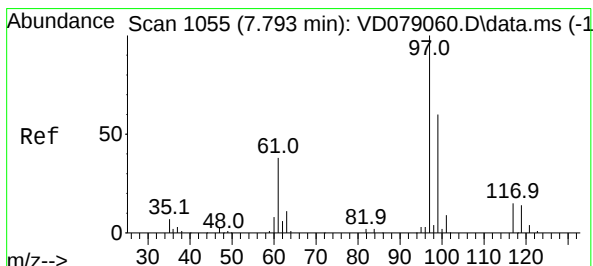
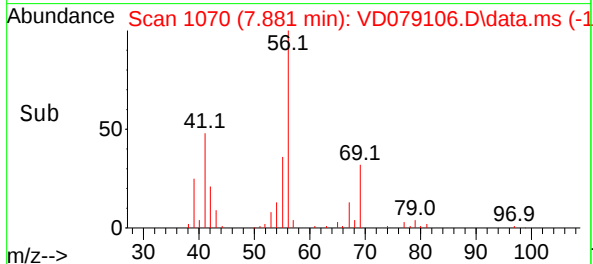
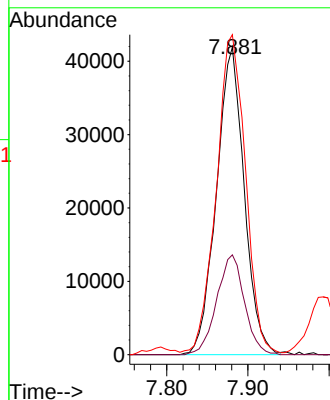
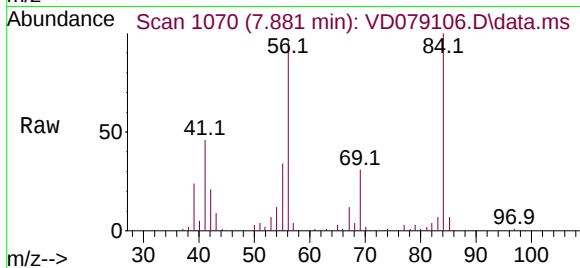
Tgt Ion: 56 Resp: 99654

Ion Ratio Lower Upper

56 100

69 32.3 26.6 40.0

84 109.6 87.5 131.3



#30

1,1,1-Trichloroethane

Concen: 24.923 ug/L

RT: 7.793 min Scan# 1055

Delta R.T. 0.006 min

Lab File: VD079106.D

Acq: 31 May 2024 09:18

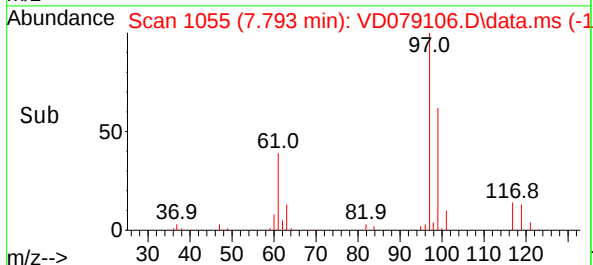
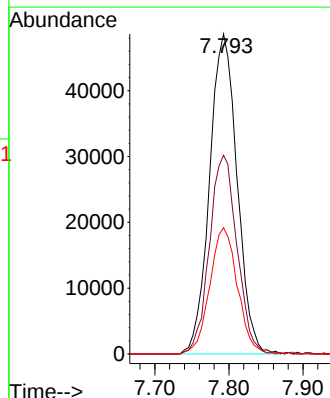
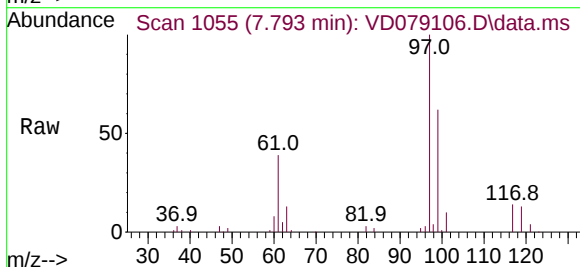
Tgt Ion: 97 Resp: 125608

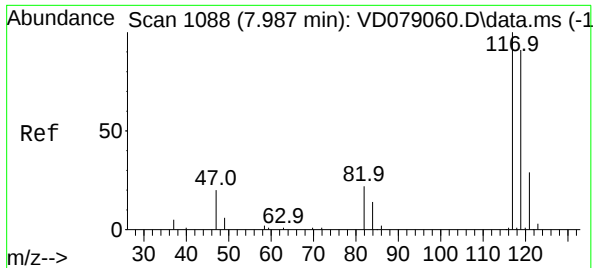
Ion Ratio Lower Upper

97 100

99 62.1 52.3 78.5

61 39.6 31.7 47.5

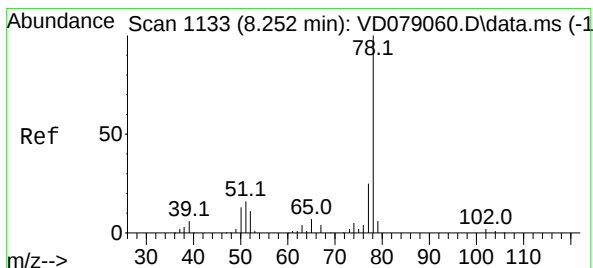
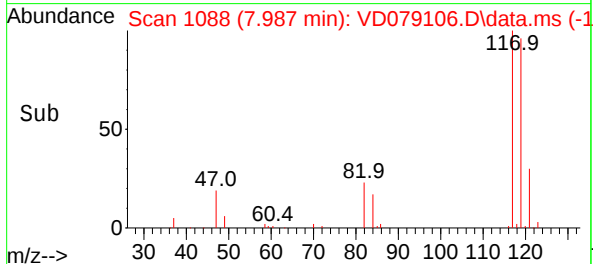
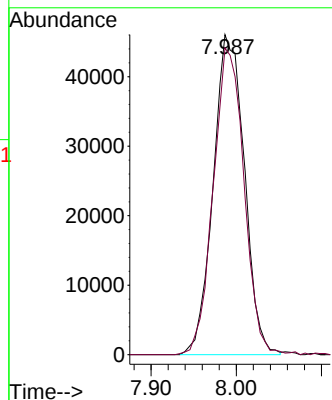
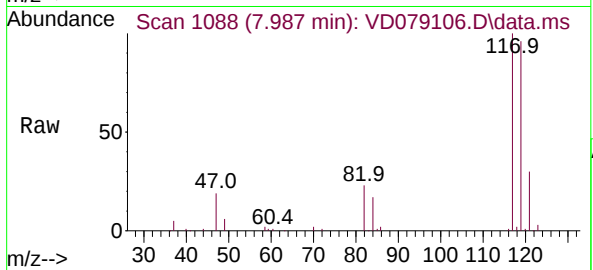




#31
Carbon tetrachloride
Concen: 24.927 ug/L
RT: 7.987 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD079106.D
Acq: 31 May 2024 09:18

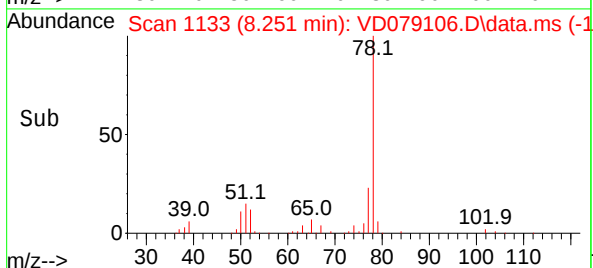
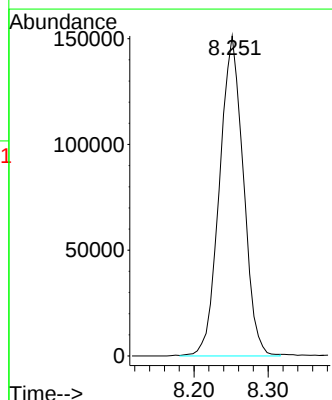
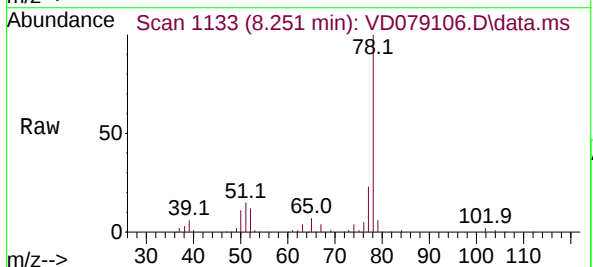
Instrument :
MSVOA_D
ClientSampleId :

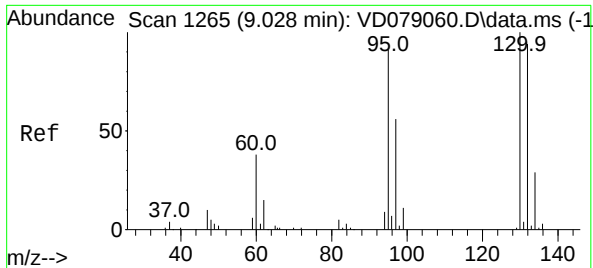
Tgt Ion:117 Resp: 116744
Ion Ratio Lower Upper
117 100
119 94.1 79.6 119.4



#33
Benzene
Concen: 26.633 ug/L
RT: 8.251 min Scan# 1133
Delta R.T. -0.000 min
Lab File: VD079106.D
Acq: 31 May 2024 09:18

Tgt Ion: 78 Resp: 337663

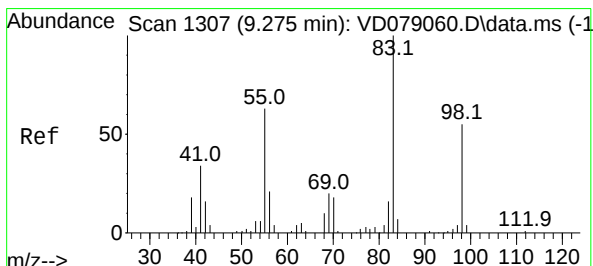
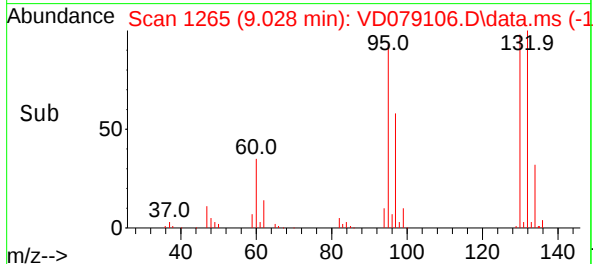
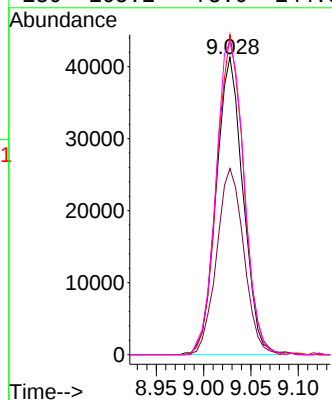
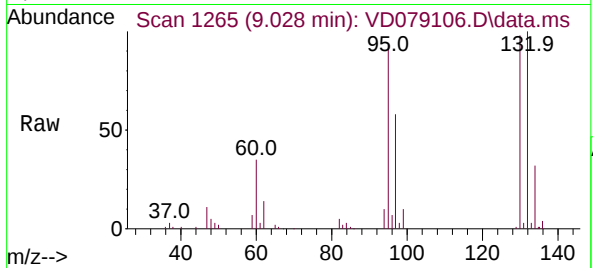




#34
Trichloroethene
Concen: 25.011 ug/L
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD079106.D
Acq: 31 May 2024 09:18

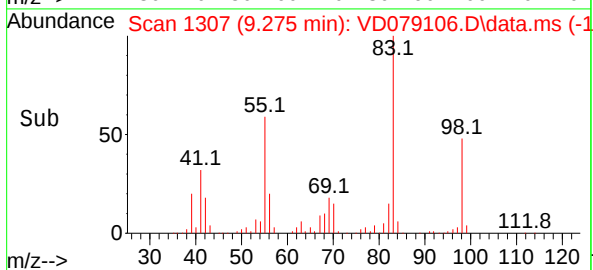
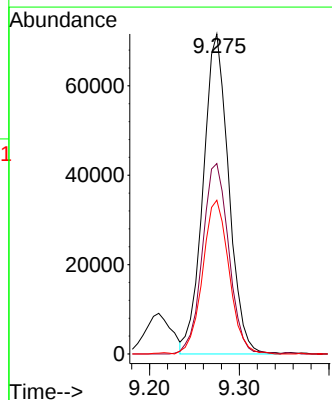
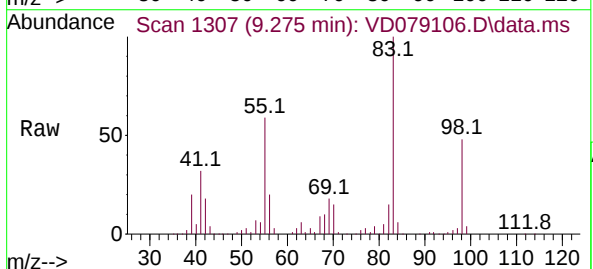
Instrument :
MSVOA_D
ClientSampleId :

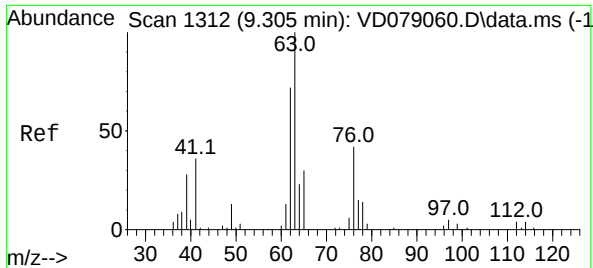
Tgt Ion: 95 Resp: 81672
Ion Ratio Lower Upper
95 100
97 62.6 44.6 82.8
132 107.6 74.9 139.1
130 105.1 78.0 144.8



#35
Methylcyclohexane
Concen: 26.203 ug/L
RT: 9.275 min Scan# 1307
Delta R.T. -0.000 min
Lab File: VD079106.D
Acq: 31 May 2024 09:18

Tgt Ion: 83 Resp: 141781
Ion Ratio Lower Upper
83 100
55 61.2 48.6 72.8
98 49.6 40.2 60.2

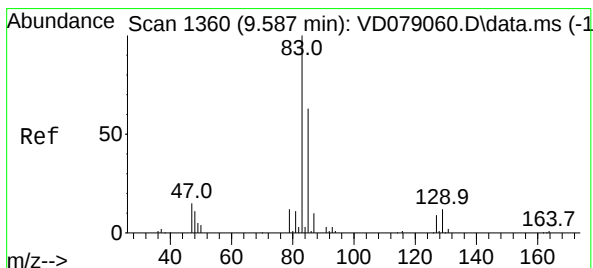
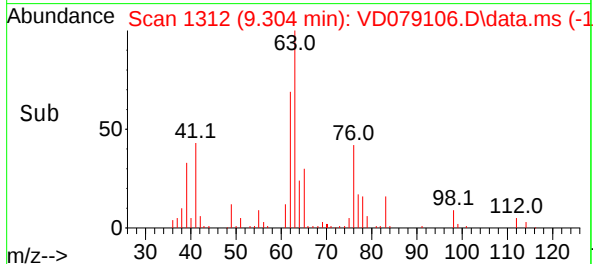
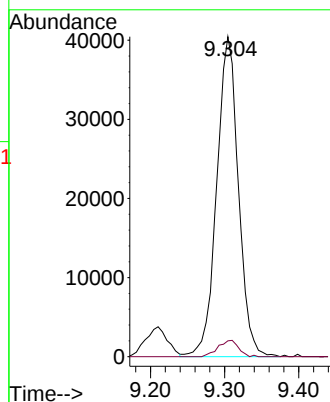
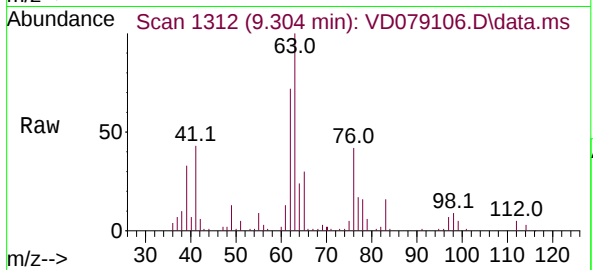




#37
1,2-Dichloropropane
Concen: 26.489 ug/L
RT: 9.304 min Scan# 1312
Delta R.T. -0.000 min
Lab File: VD079106.D
Acq: 31 May 2024 09:18

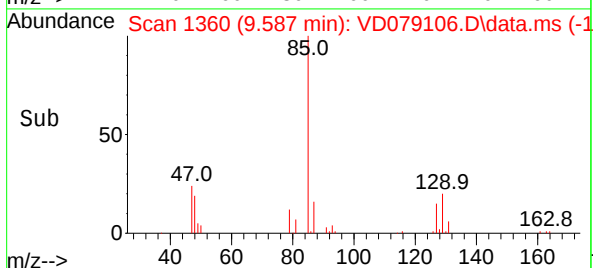
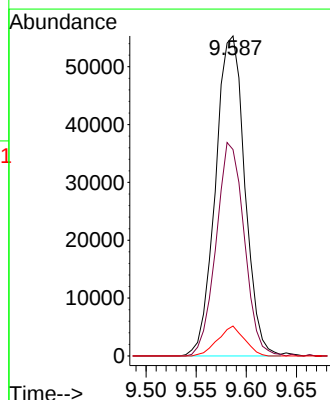
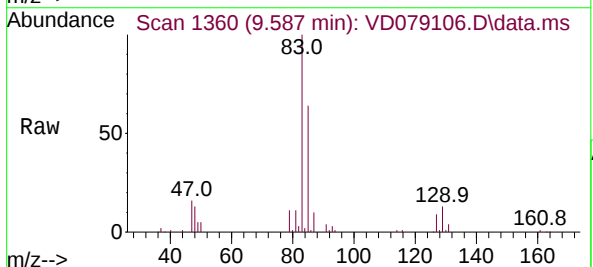
Instrument :
MSVOA_D
ClientSampleId :

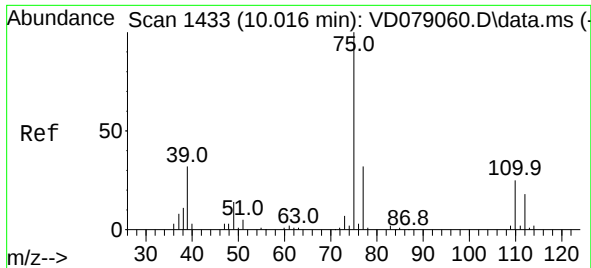
Tgt Ion: 63 Resp: 82261
Ion Ratio Lower Upper
63 100
112 4.7 3.9 5.9



#38
Bromodichloromethane
Concen: 26.015 ug/L
RT: 9.587 min Scan# 1360
Delta R.T. 0.006 min
Lab File: VD079106.D
Acq: 31 May 2024 09:18

Tgt Ion: 83 Resp: 112310
Ion Ratio Lower Upper
83 100
85 64.5 46.5 86.5
127 9.4 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 26.520 ug/L

RT: 10.016 min Scan# 1433

Delta R.T. -0.000 min

Lab File: VD079106.D

Acq: 31 May 2024 09:18

Instrument :

MSVOA_D

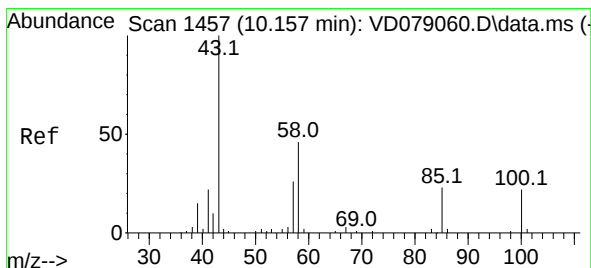
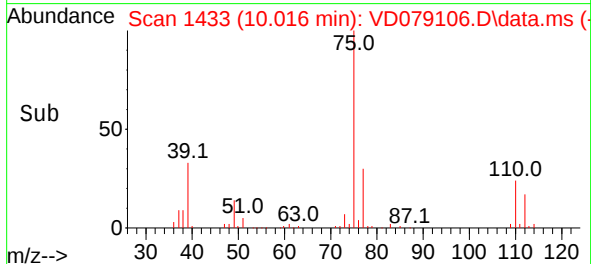
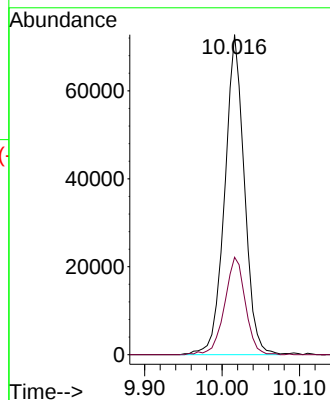
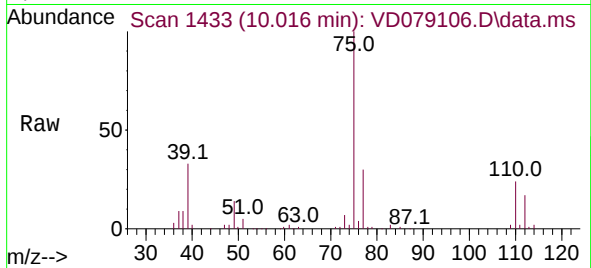
ClientSampleId :

Tgt Ion: 75 Resp: 128567

Ion Ratio Lower Upper

75 100

77 30.5 23.4 43.4



#40

4-Methyl-2-pentanone

Concen: 58.324 ug/L

RT: 10.157 min Scan# 1457

Delta R.T. -0.000 min

Lab File: VD079106.D

Acq: 31 May 2024 09:18

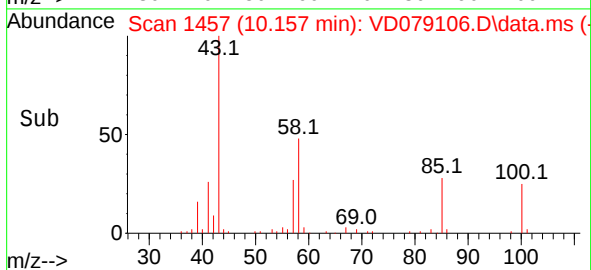
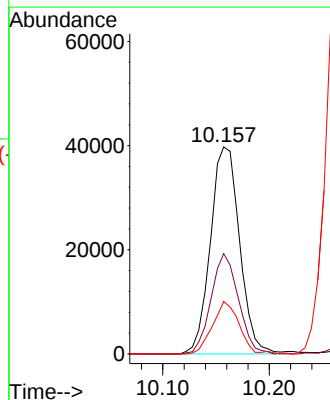
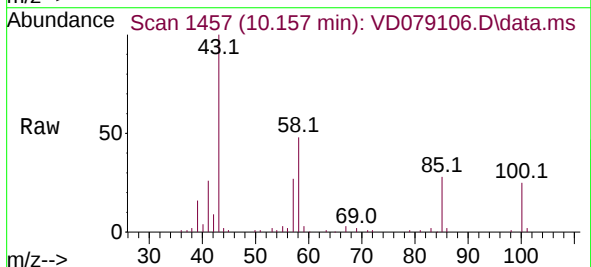
Tgt Ion: 43 Resp: 75611

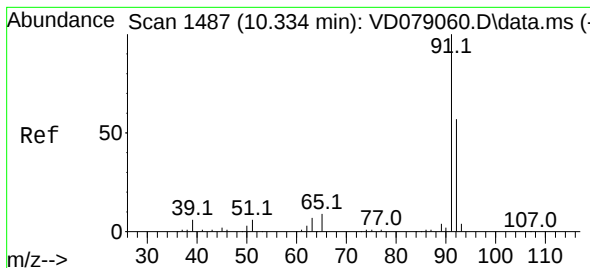
Ion Ratio Lower Upper

43 100

58 45.3 34.0 51.0

100 22.8 16.9 25.3





#42

Toluene

Concen: 26.459 ug/L

RT: 10.334 min Scan# 1487

Delta R.T. -0.000 min

Lab File: VD079106.D

Acq: 31 May 2024 09:18

Instrument :

MSVOA_D

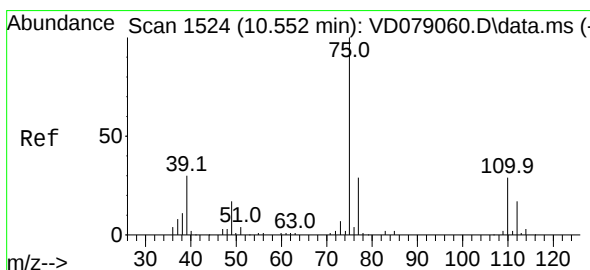
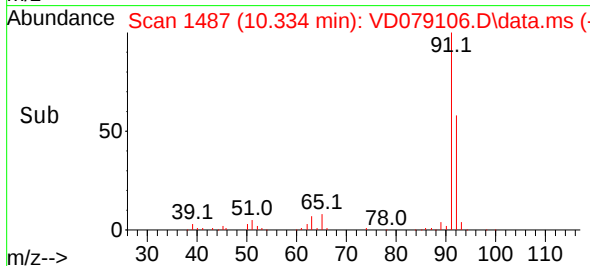
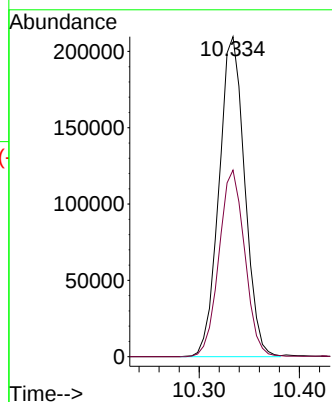
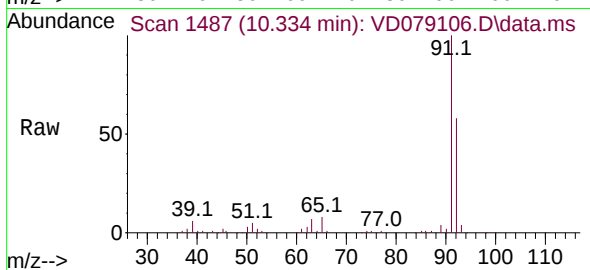
ClientSampleId :

Tgt Ion: 91 Resp: 372512

Ion Ratio Lower Upper

91 100

92 58.3 38.9 72.3



#44

trans-1,3-Dichloropropene

Concen: 27.564 ug/L

RT: 10.551 min Scan# 1524

Delta R.T. -0.000 min

Lab File: VD079106.D

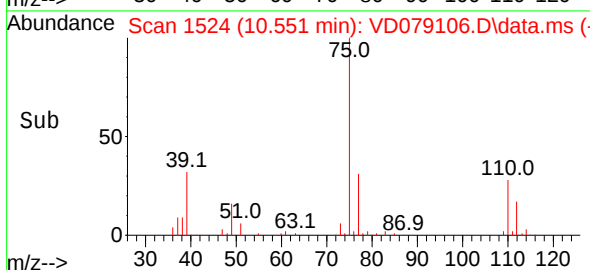
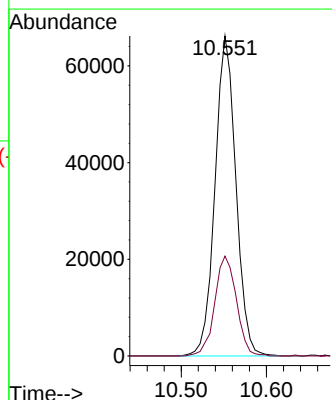
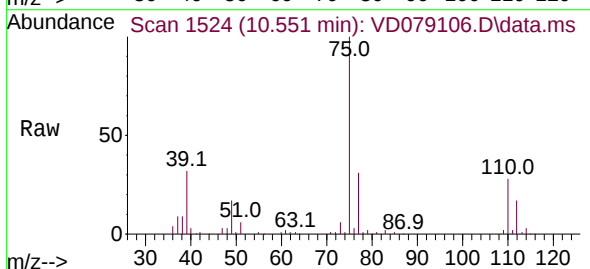
Acq: 31 May 2024 09:18

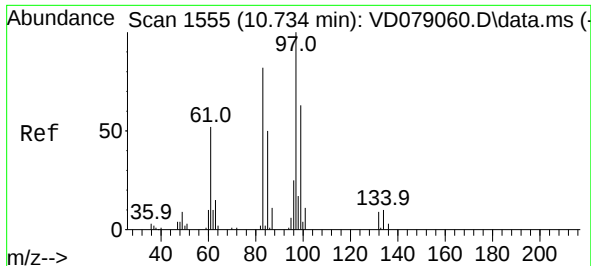
Tgt Ion: 75 Resp: 112996

Ion Ratio Lower Upper

75 100

77 31.2 24.3 45.1





#45

1,1,2-Trichloroethane

Concen: 26.240 ug/L

RT: 10.728 min Scan# 1554

Delta R.T. -0.006 min

Lab File: VD079106.D

Acq: 31 May 2024 09:18

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 97 Resp: 71491

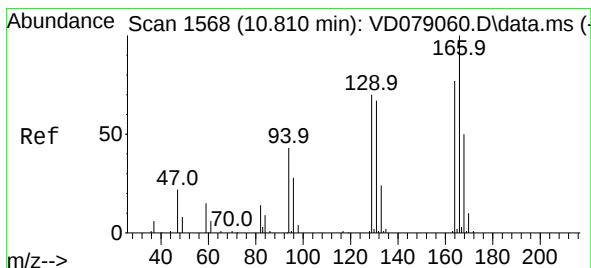
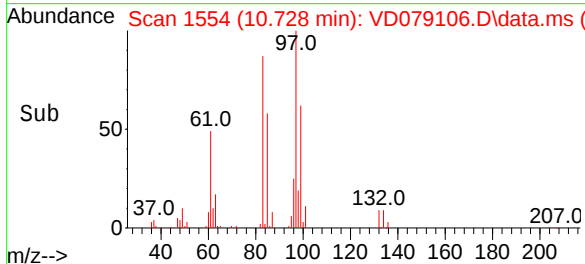
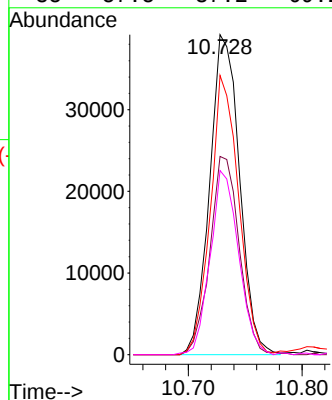
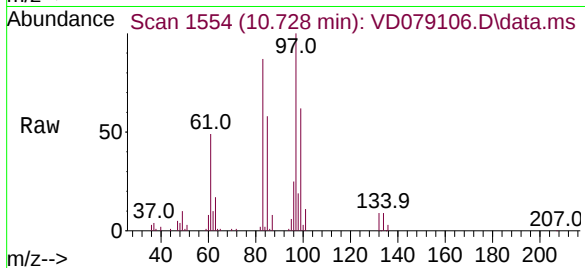
Ion Ratio Lower Upper

97 100

99 62.0 43.0 79.8

83 87.3 58.9 109.5

85 57.5 37.2 69.2



#46

Tetrachloroethene

Concen: 25.253 ug/L

RT: 10.804 min Scan# 1567

Delta R.T. -0.006 min

Lab File: VD079106.D

Acq: 31 May 2024 09:18

Tgt Ion:164 Resp: 72609

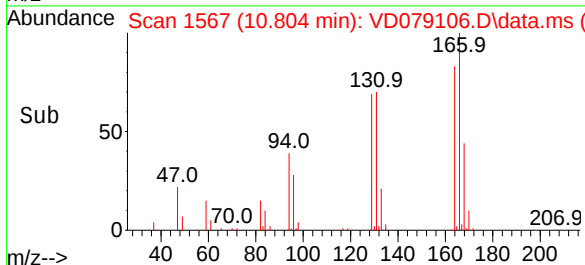
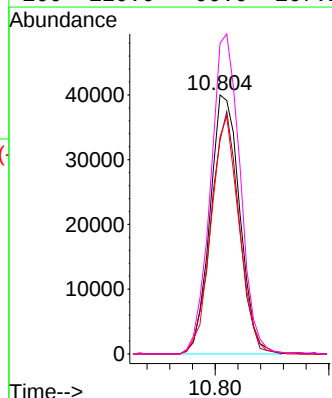
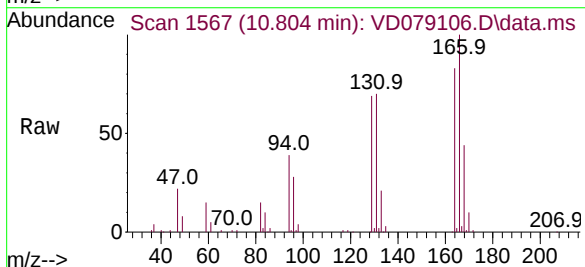
Ion Ratio Lower Upper

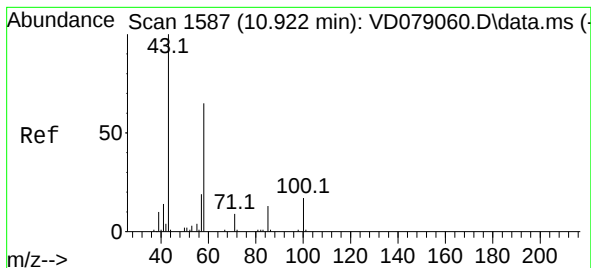
164 100

129 82.6 64.3 119.5

131 83.9 61.2 113.8

166 120.0 90.0 167.2





#48

2-Hexanone

Concen: 57.826 ug/L

RT: 10.922 min Scan# 1587

Delta R.T. -0.000 min

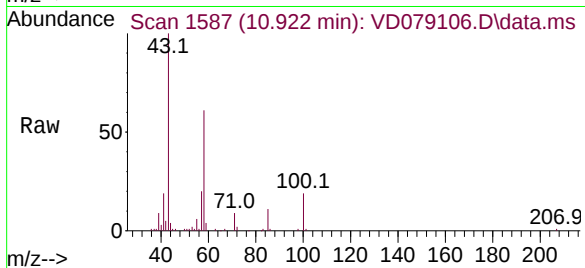
Lab File: VD079106.D

Acq: 31 May 2024 09:18

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 43 Resp: 64868

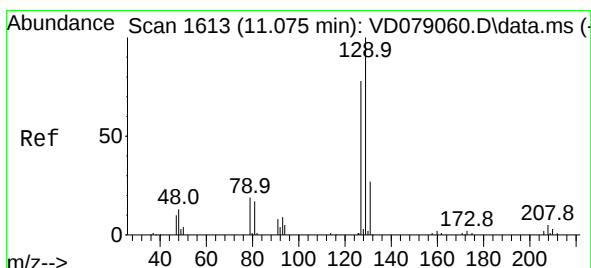
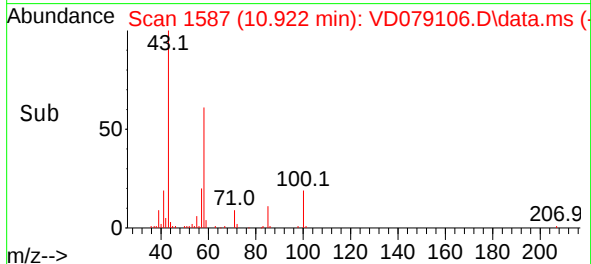
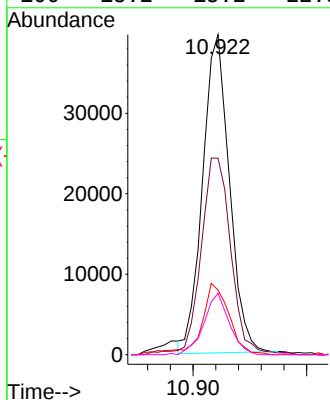
Ion Ratio Lower Upper

43 100

58 66.7 50.1 75.1

57 21.4 16.5 24.7

100 18.2 15.2 22.8



#49

Dibromochloromethane

Concen: 25.386 ug/L

RT: 11.075 min Scan# 1613

Delta R.T. -0.000 min

Lab File: VD079106.D

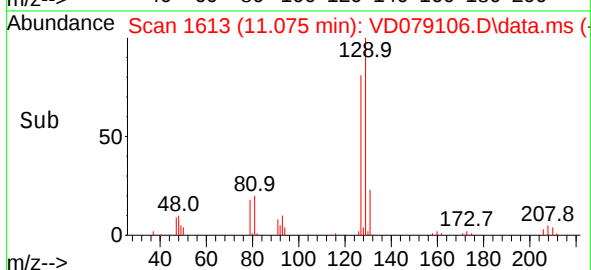
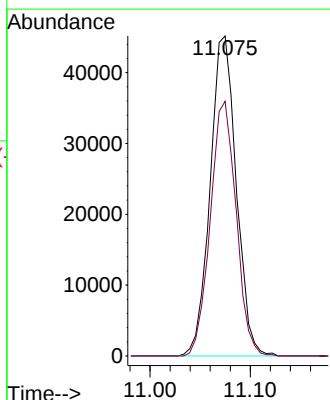
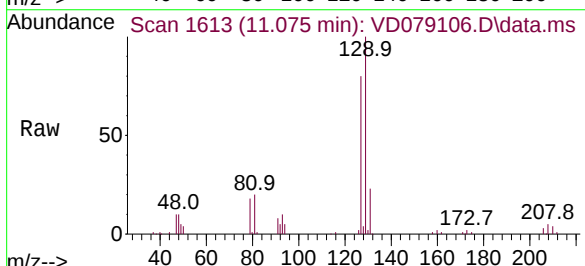
Acq: 31 May 2024 09:18

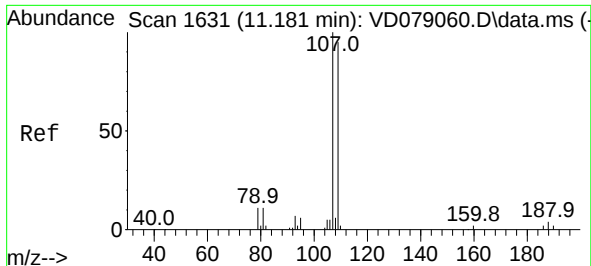
Tgt Ion:129 Resp: 81903

Ion Ratio Lower Upper

129 100

127 79.6 56.4 104.7





#50

1,2-Dibromoethane

Concen: 26.976 ug/L

RT: 11.181 min Scan# 1

Delta R.T. 0.006 min

Lab File: VD079106.D

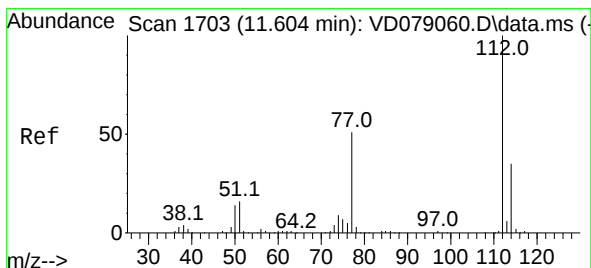
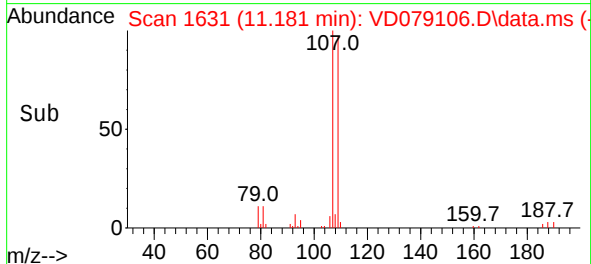
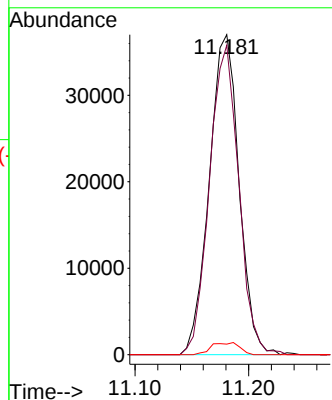
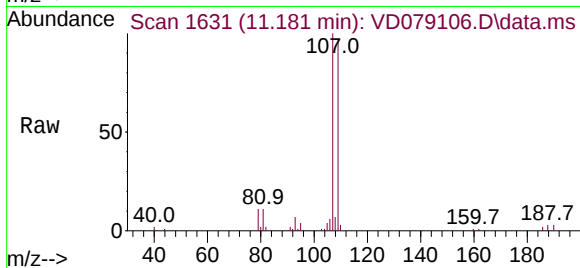
Acq: 31 May 2024 09:18

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	107	Resp:	67545
Ion	Ratio	Lower	Upper
107	100		
109	96.7	64.5	119.7
188	3.3	2.6	3.8



#51

Chlorobenzene

Concen: 25.227 ug/L

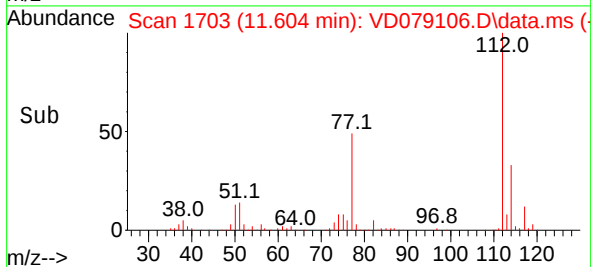
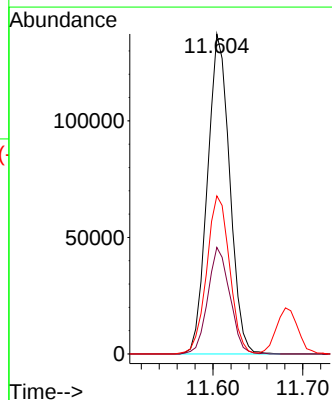
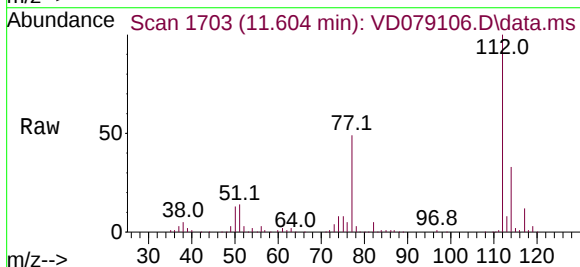
RT: 11.604 min Scan# 1703

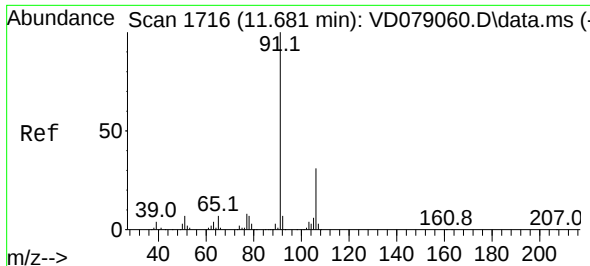
Delta R.T. -0.000 min

Lab File: VD079106.D

Acq: 31 May 2024 09:18

Tgt Ion:	112	Resp:	236315
Ion	Ratio	Lower	Upper
112	100		
114	33.3	22.7	42.3
77	49.4	38.4	57.6





#52

Ethylbenzene

Concen: 26.522 ug/L

RT: 11.681 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VD079106.D

Acq: 31 May 2024 09:18

Instrument :

MSVOA_D

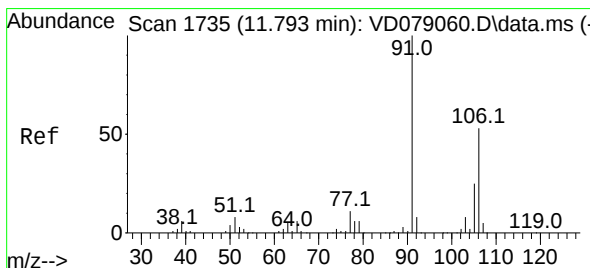
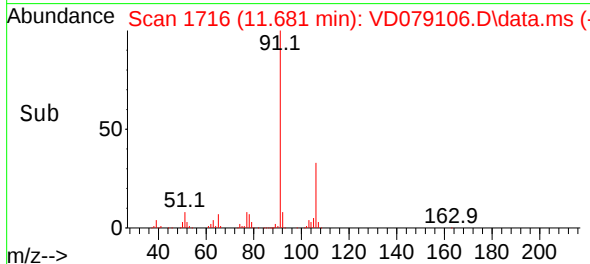
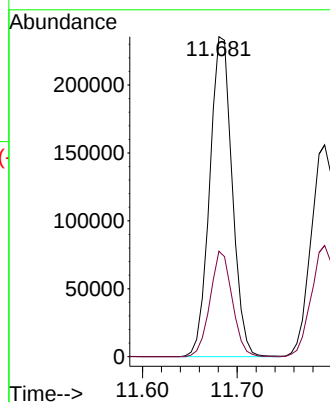
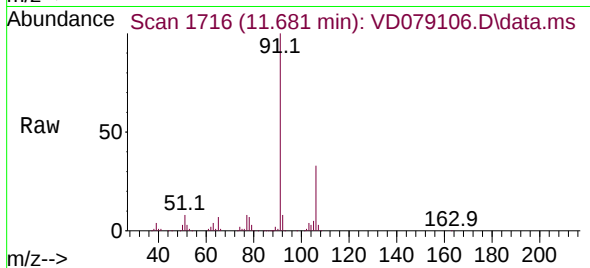
ClientSampleId :

Tgt Ion: 91 Resp: 389488

Ion Ratio Lower Upper

91 100

106 32.9 22.3 41.5



#53

m,p-Xylene

Concen: 26.701 ug/L

RT: 11.792 min Scan# 1735

Delta R.T. -0.000 min

Lab File: VD079106.D

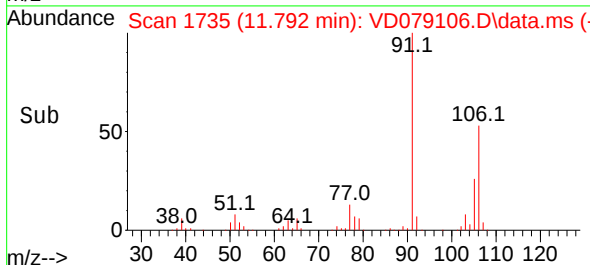
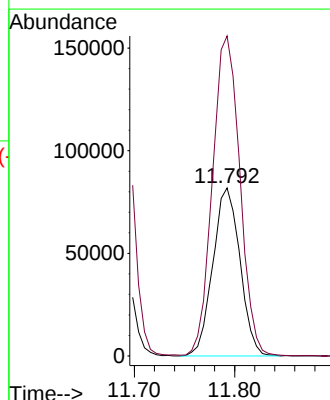
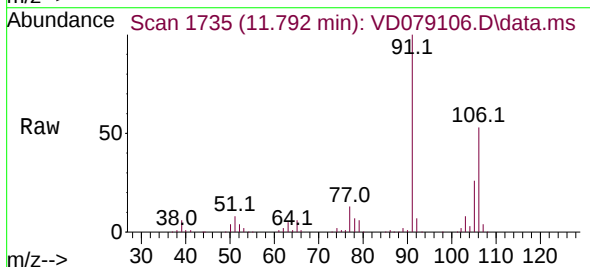
Acq: 31 May 2024 09:18

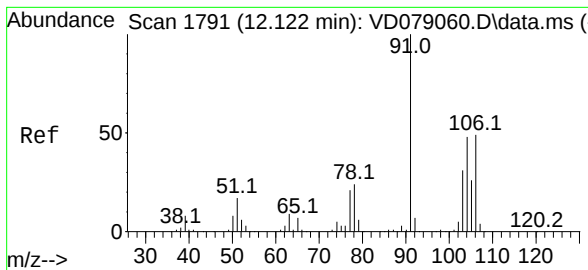
Tgt Ion:106 Resp: 153842

Ion Ratio Lower Upper

106 100

91 190.4 133.1 247.1

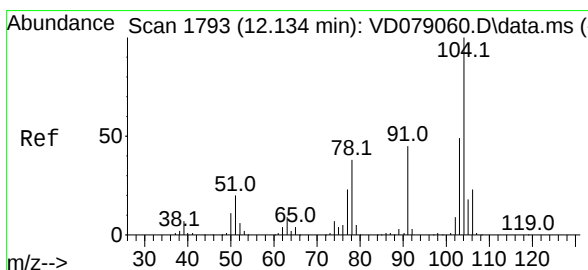
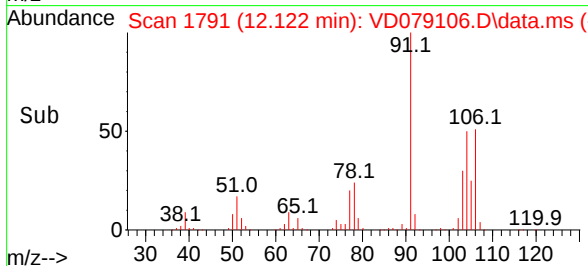
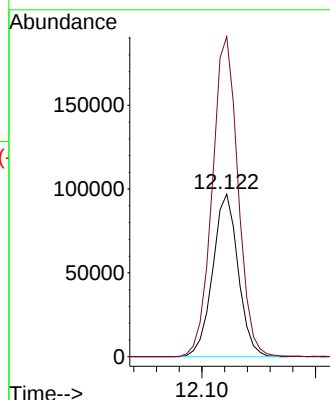
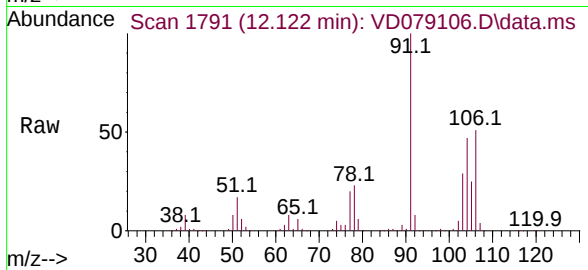




#54
o-Xylene
Concen: 27.115 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD079106.D
Acq: 31 May 2024 09:18

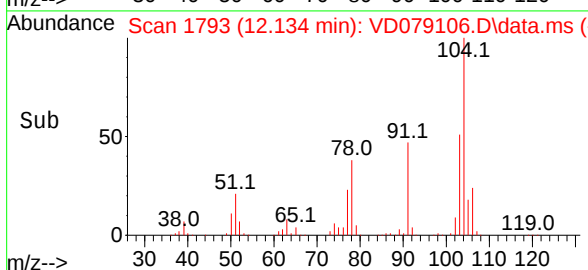
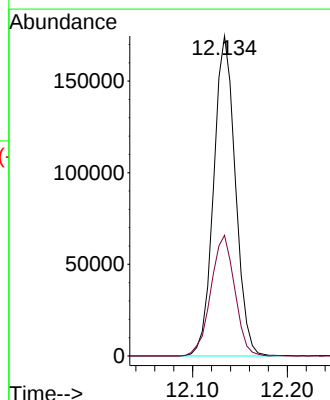
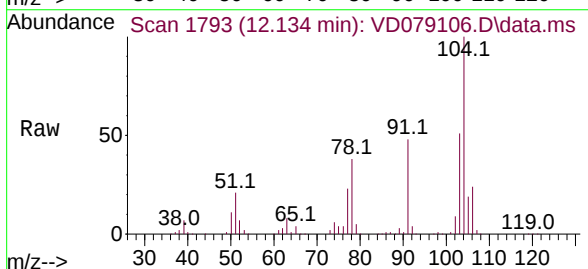
Instrument :
MSVOA_D
ClientSampleId :

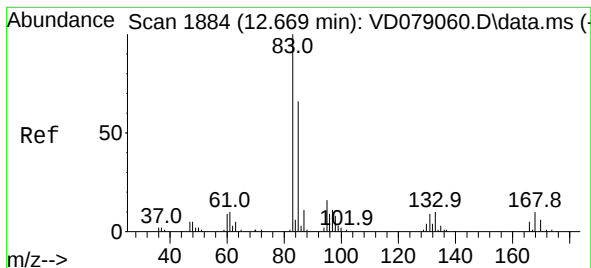
Tgt Ion:106 Resp: 150938
Ion Ratio Lower Upper
106 100
91 196.8 132.9 246.9



#55
Styrene
Concen: 28.227 ug/L
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD079106.D
Acq: 31 May 2024 09:18

Tgt Ion:104 Resp: 278607
Ion Ratio Lower Upper
104 100
78 37.7 27.8 51.6

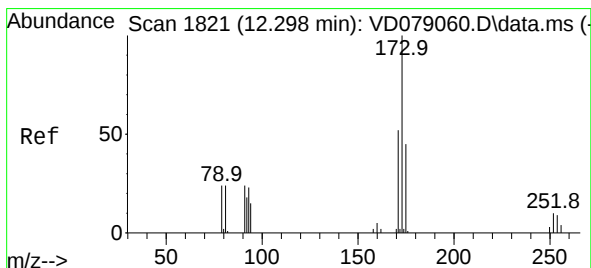
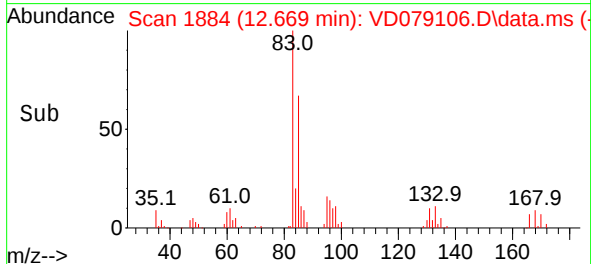
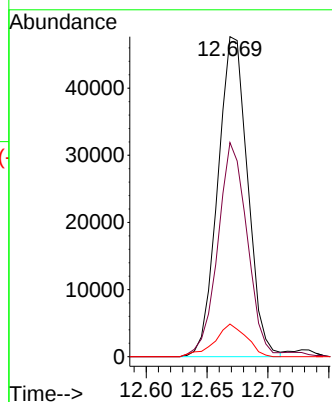
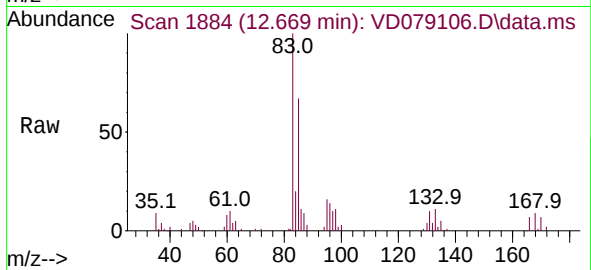




#57
1,1,2,2-Tetrachloroethane
Concen: 26.672 ug/L
RT: 12.669 min Scan# 1884
Delta R.T. -0.006 min
Lab File: VD079106.D
Acq: 31 May 2024 09:18

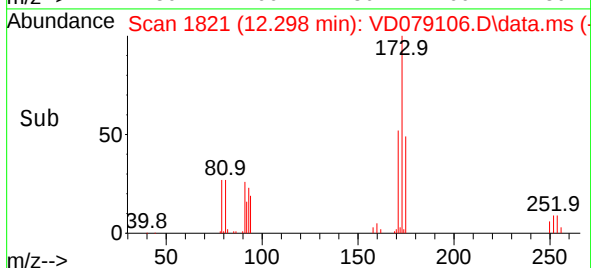
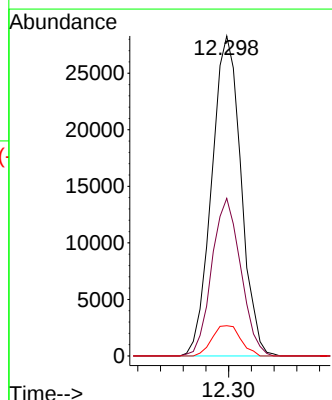
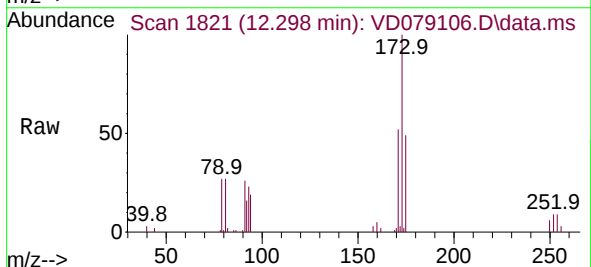
Instrument :
MSVOA_D
ClientSampleId :

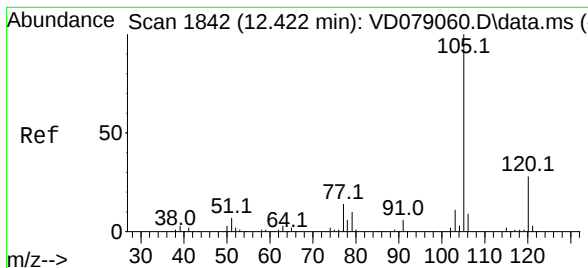
Tgt Ion: 83 Resp: 81341
Ion Ratio Lower Upper
83 100
85 66.9 47.5 88.1
131 10.2 8.6 13.0



#59
Bromoform
Concen: 24.898 ug/L
RT: 12.298 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD079106.D
Acq: 31 May 2024 09:18

Tgt Ion:173 Resp: 50727
Ion Ratio Lower Upper
173 100
175 48.6 38.2 57.4
254 9.3 7.0 10.6





#60

Isopropylbenzene

Concen: 26.239 ug/L

RT: 12.422 min Scan# 1842

Delta R.T. -0.000 min

Lab File: VD079106.D

Acq: 31 May 2024 09:18

Instrument :

MSVOA_D

ClientSampleId :

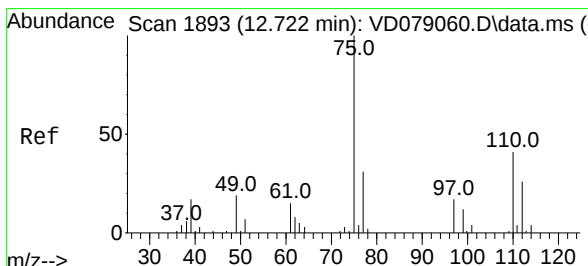
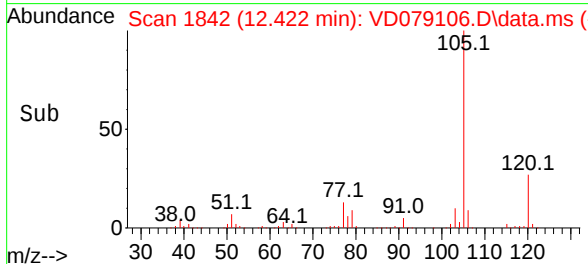
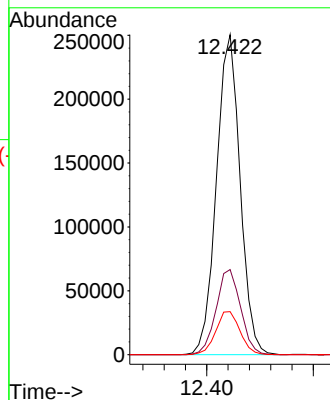
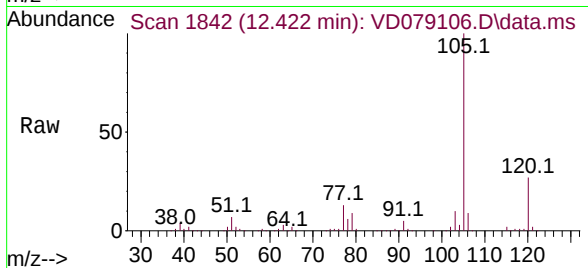
Tgt Ion:105 Resp: 385675

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: 27.365 ug/L

RT: 12.722 min Scan# 1893

Delta R.T. -0.000 min

Lab File: VD079106.D

Acq: 31 May 2024 09:18

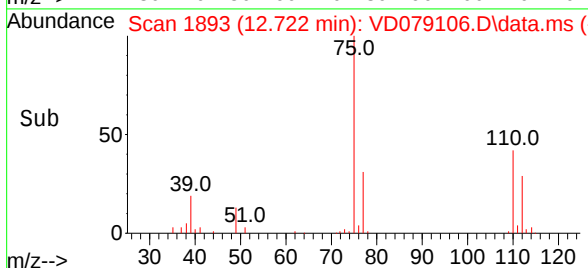
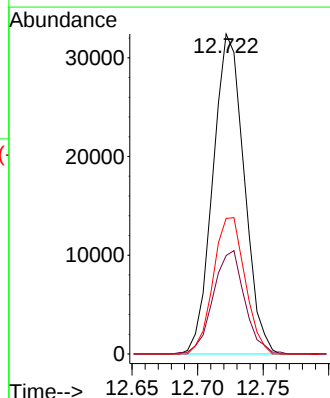
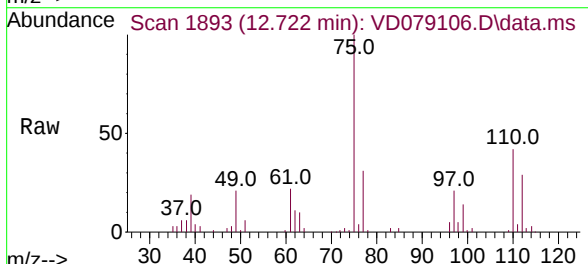
Tgt Ion: 75 Resp: 53706

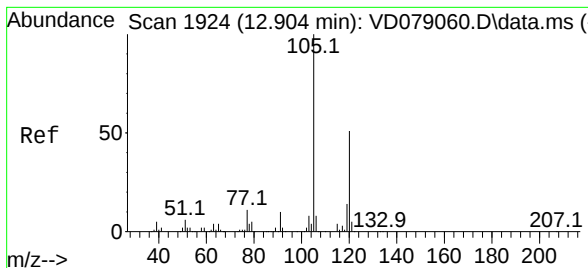
Ion Ratio Lower Upper

75 100

77 32.6 25.9 38.9

110 43.3 34.2 51.4

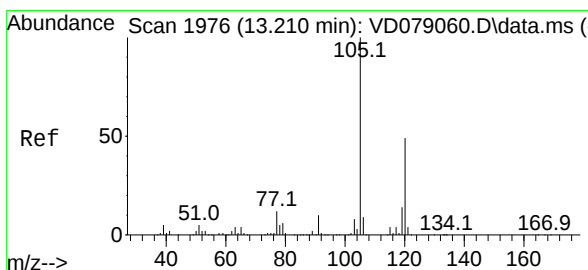
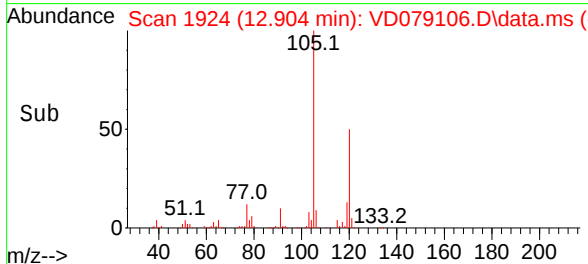
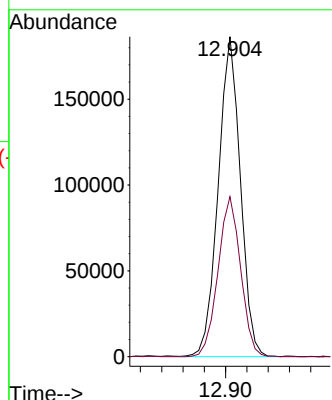
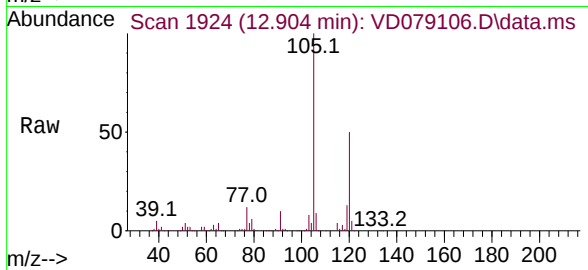




#62
 1,3,5-Trimethylbenzene
 Concen: 26.746 ug/L
 RT: 12.904 min Scan# 1924
 Delta R.T. -0.000 min
 Lab File: VD079106.D
 Acq: 31 May 2024 09:18

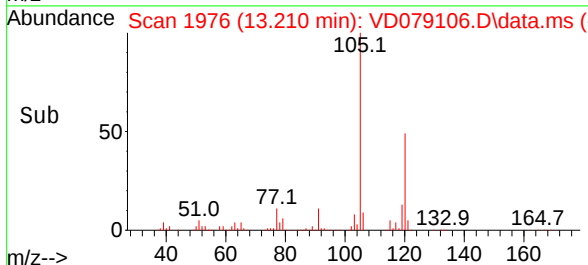
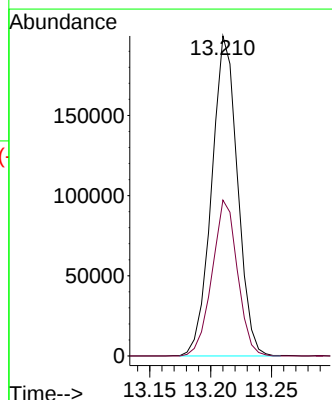
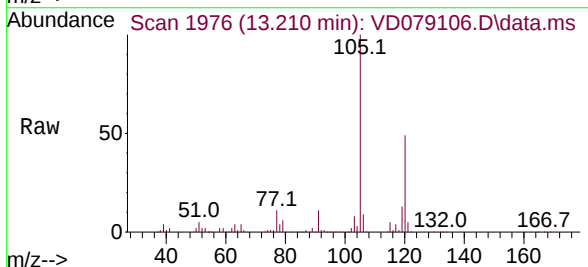
Instrument :
 MSVOA_D
 ClientSampleId :

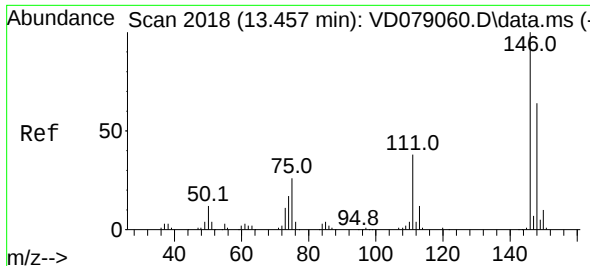
Tgt Ion:105 Resp: 268797
 Ion Ratio Lower Upper
 105 100
 120 50.9 40.7 61.1



#63
 1,2,4-Trimethylbenzene
 Concen: 27.474 ug/L
 RT: 13.210 min Scan# 1976
 Delta R.T. -0.000 min
 Lab File: VD079106.D
 Acq: 31 May 2024 09:18

Tgt Ion:105 Resp: 295323
 Ion Ratio Lower Upper
 105 100
 120 47.7 38.0 57.0

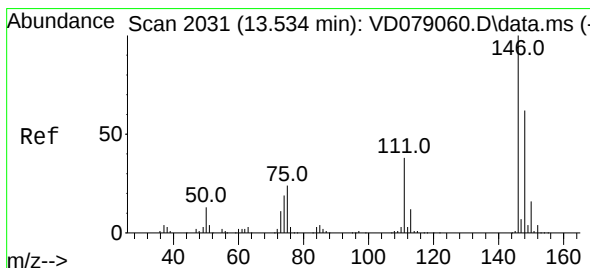
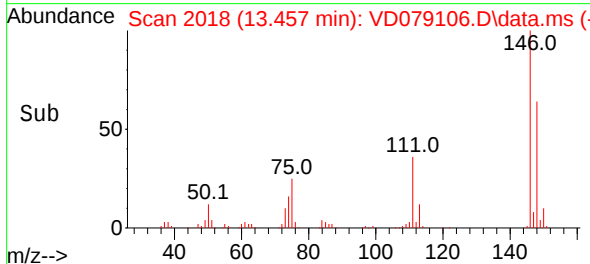
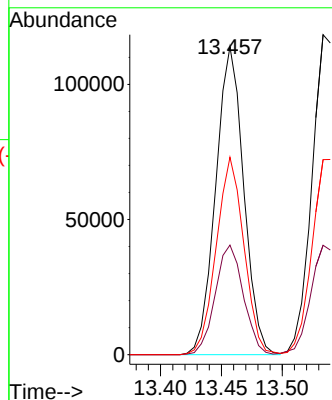
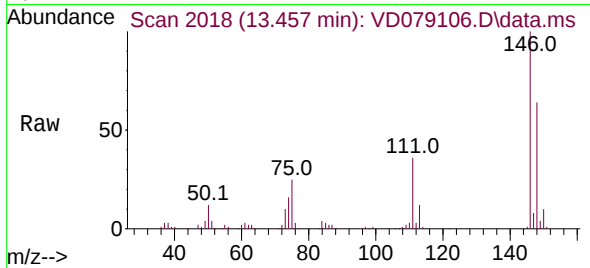




#64
1,3-Dichlorobenzene
Concen: 25.810 ug/L
RT: 13.457 min Scan# 2018
Delta R.T. -0.000 min
Lab File: VD079106.D
Acq: 31 May 2024 09:18

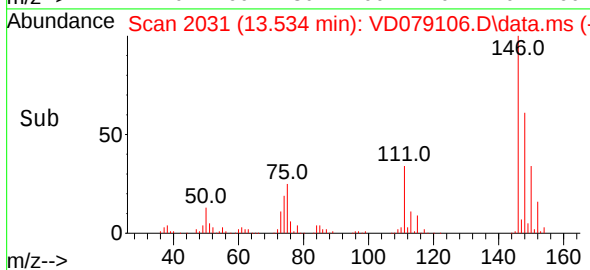
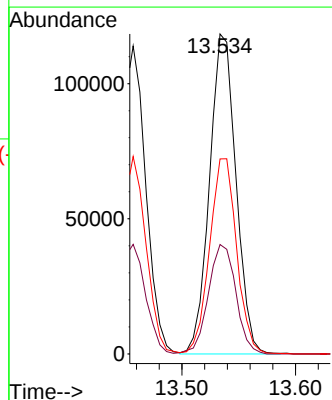
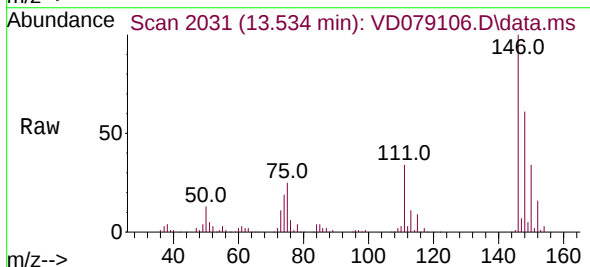
Instrument :
MSVOA_D
ClientSampleId :

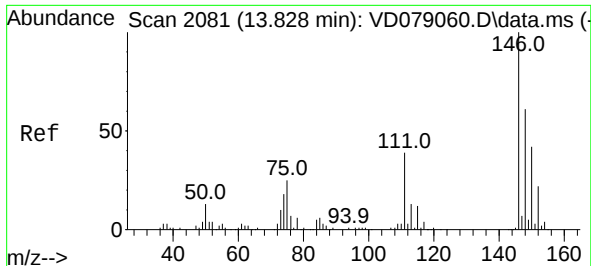
Tgt Ion:146 Resp: 182251
Ion Ratio Lower Upper
146 100
111 35.6 24.4 45.4
148 64.1 44.9 83.3



#65
1,4-Dichlorobenzene
Concen: 25.628 ug/L
RT: 13.534 min Scan# 2031
Delta R.T. -0.000 min
Lab File: VD079106.D
Acq: 31 May 2024 09:18

Tgt Ion:146 Resp: 191745
Ion Ratio Lower Upper
146 100
111 34.2 26.3 48.9
148 60.9 43.1 80.1





#67

1,2-Dichlorobenzene

Concen: 25.806 ug/L

RT: 13.828 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VD079106.D

Acq: 31 May 2024 09:18

Instrument :

MSVOA_D

ClientSampleId :

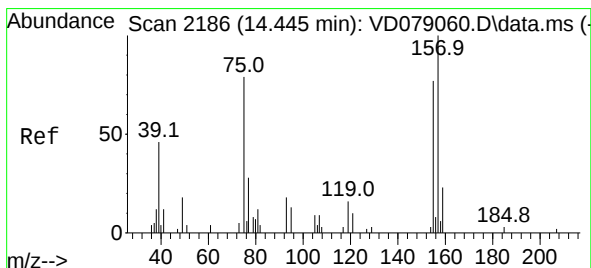
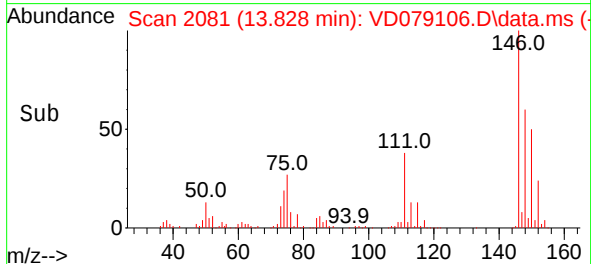
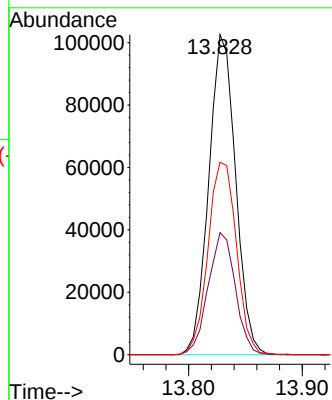
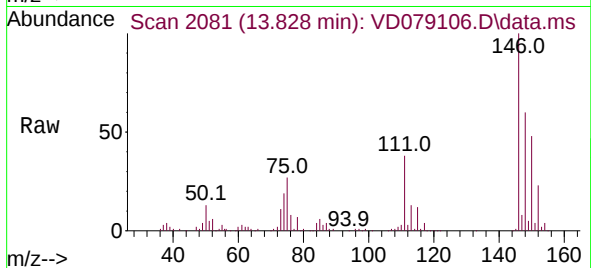
Tgt Ion:146 Resp: 168452

Ion Ratio Lower Upper

146 100

111 38.1 29.1 43.7

148 60.2 51.2 76.8



#68

1,2-Dibromo-3-chloropropane

Concen: 26.187 ug/L

RT: 14.445 min Scan# 2186

Delta R.T. -0.000 min

Lab File: VD079106.D

Acq: 31 May 2024 09:18

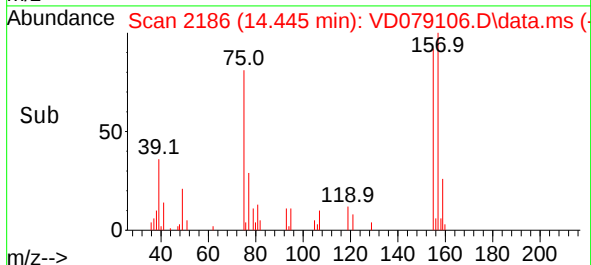
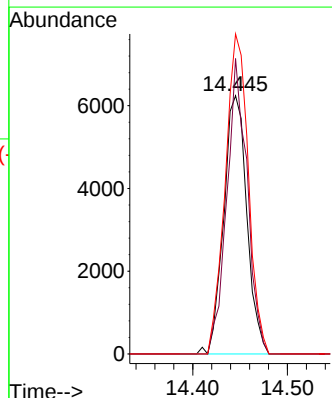
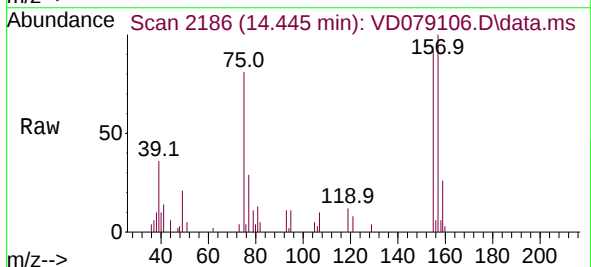
Tgt Ion: 75 Resp: 10565

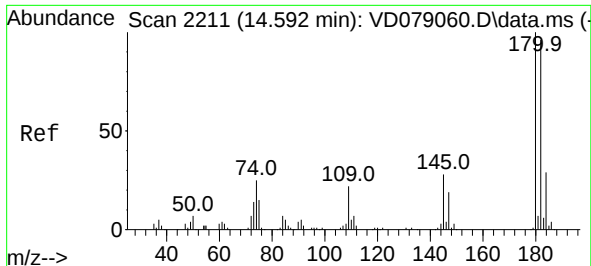
Ion Ratio Lower Upper

75 100

155 114.3 68.1 102.1#

157 123.9 91.6 137.4





#69

1,3,5-Trichlorobenzene

Concen: 25.464 ug/L

RT: 14.592 min Scan# 2211

Delta R.T. -0.000 min

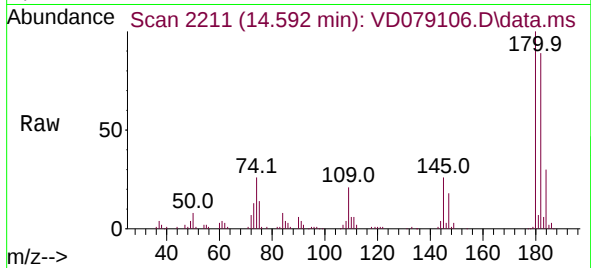
Lab File: VD079106.D

Acq: 31 May 2024 09:18

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:180 Resp: 113403

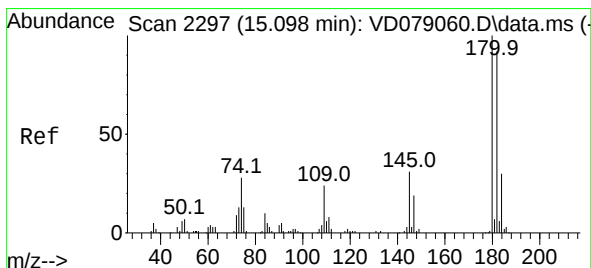
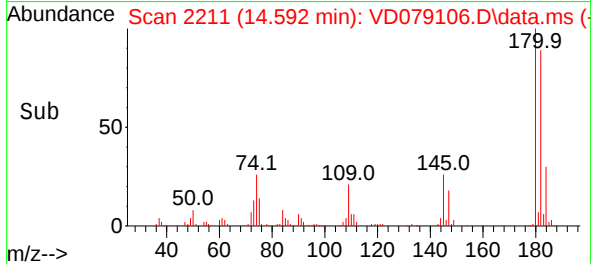
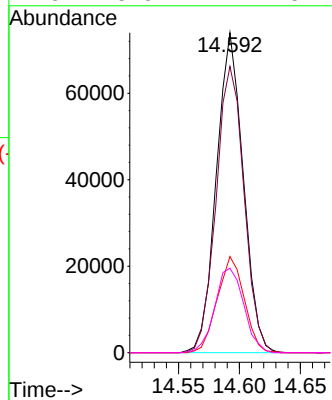
Ion Ratio Lower Upper

180 100

182 93.1 76.9 115.3

184 30.2 23.3 34.9

145 28.5 22.7 34.1



#70

1,2,4-trichlorobenzene

Concen: 24.464 ug/L

RT: 15.098 min Scan# 2297

Delta R.T. -0.000 min

Lab File: VD079106.D

Acq: 31 May 2024 09:18

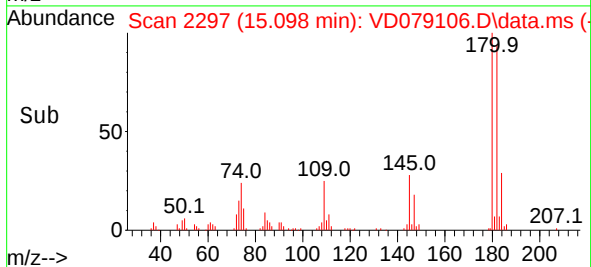
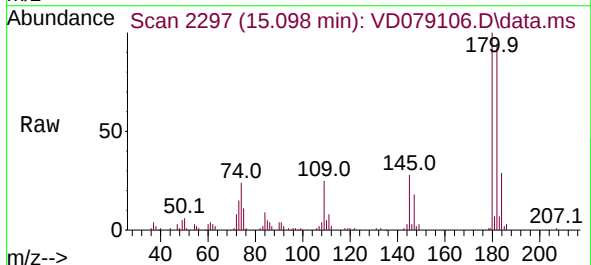
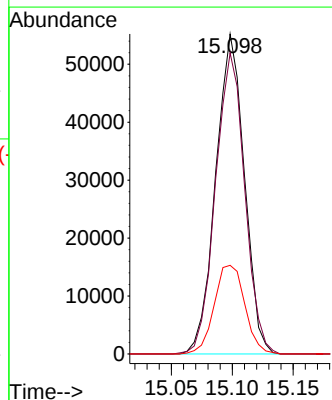
Tgt Ion:180 Resp: 90486

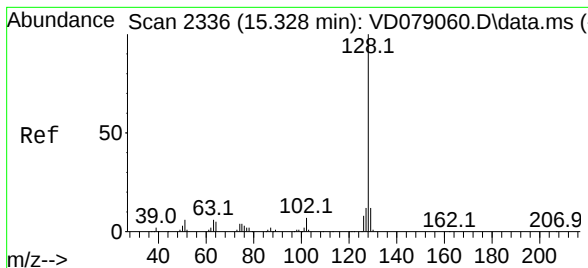
Ion Ratio Lower Upper

180 100

182 95.6 73.8 110.6

145 29.6 22.3 33.5





#71

Naphthalene

Concen: 26.216 ug/L

RT: 15.333 min Scan# 2337

Delta R.T. 0.006 min

Lab File: VD079106.D

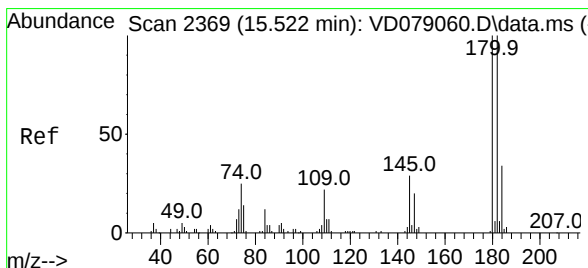
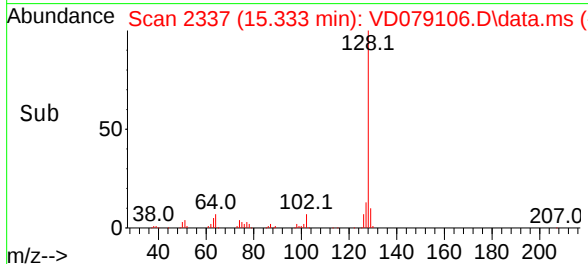
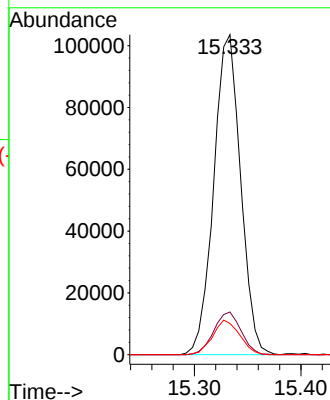
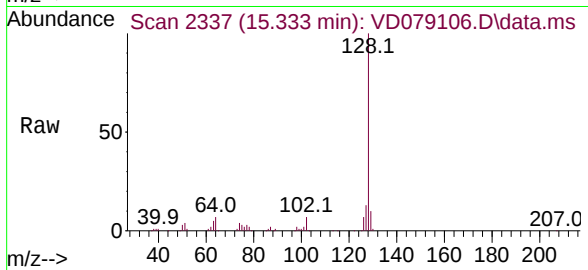
Acq: 31 May 2024 09:18

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:128	Resp: 181346
Ion Ratio	Lower Upper
128	100
127	13.6 10.8 16.2
129	10.8 8.5 12.7



#72

1,2,3-Trichlorobenzene

Concen: 27.349 ug/L

RT: 15.522 min Scan# 2369

Delta R.T. -0.000 min

Lab File: VD079106.D

Acq: 31 May 2024 09:18

Tgt Ion:180	Resp: 87427
Ion Ratio	Lower Upper
180	100
182	95.9 79.4 119.2
145	30.3 24.7 37.1

