

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052924\
 Data File : VD079082.D
 Acq On : 29 May 2024 23:26
 Operator : RP/MD
 Sample : VSTDCCC025
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 30 01:17:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM052924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu May 30 01:09:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	193200	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	196711	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	102968	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	134842	22.680	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.720%
7) Chloroethane-d5	2.799	69	134111	23.329	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.320%
11) 1,1-Dichloroethene-d2	3.916	65	22379	21.204	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	84.800%
21) 2-Butanone-d5	6.993	46	23700	52.118	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.240%
24) Chloroform-d	7.569	84	128752	23.834	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.320%
26) 1,2-Dichloroethane-d4	8.228	65	62075	24.910	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.640%
32) Benzene-d6	8.204	84	259244	23.773	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.080%
36) 1,2-Dichloropropane-d6	9.210	67	72911	23.211	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.840%
41) Toluene-d8	10.269	98	238998	23.407	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.640%
43) trans-1,3-Dichloroprop...	10.522	79	33095	25.066	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	100.280%
47) 2-Hexanone-d5	10.875	63	21007	51.730	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.460%
56) 1,1,2,2-Tetrachloroeth...	12.645	84	69854	25.106	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.440%
66) 1,2-Dichlorobenzene-d4	13.810	152	82659	23.260	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.040%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	64116	20.964	ug/L	99
3) Chloromethane	2.146	50	103039	25.278	ug/L	99
5) Vinyl chloride	2.281	62	158574	23.569	ug/L	96
6) Bromomethane	2.687	94	125613	24.184	ug/L	95
8) Chloroethane	2.834	64	116172	23.559	ug/L	93
9) Trichlorofluoromethane	3.169	101	105429	20.570	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	3.963	101	67584	21.990	ug/L	97
12) 1,1-Dichloroethene	3.940	96	59968	22.413	ug/L	90
13) Acetone	4.028	43	23909	36.317	ug/L	70
14) Carbon disulfide	4.269	76	214300	22.960	ug/L	99
15) Methyl Acetate	4.558	43	23891	26.634	ug/L	91
16) Methylene chloride	4.799	84	93973	27.298	ug/L	97
17) trans-1,2-Dichloroethene	5.310	96	70609	24.419	ug/L	92
18) Methyl tert-butyl Ether	5.316	73	142375	27.762	ug/L #	90
19) 1,1-Dichloroethane	6.110	63	115126	24.729	ug/L	99
20) cis-1,2-Dichloroethene	7.075	96	79574	26.429	ug/L	96
22) 2-Butanone	7.087	43	33595	48.576	ug/L	97
23) Bromochloromethane	7.422	128	40674	26.646	ug/L	94
25) Chloroform	7.599	83	134921	25.526	ug/L	93

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 Quant Title : SFAM01.0
 QLast Update : Thu May 30 01:09:48 2024
 Response via : Initial Calibration

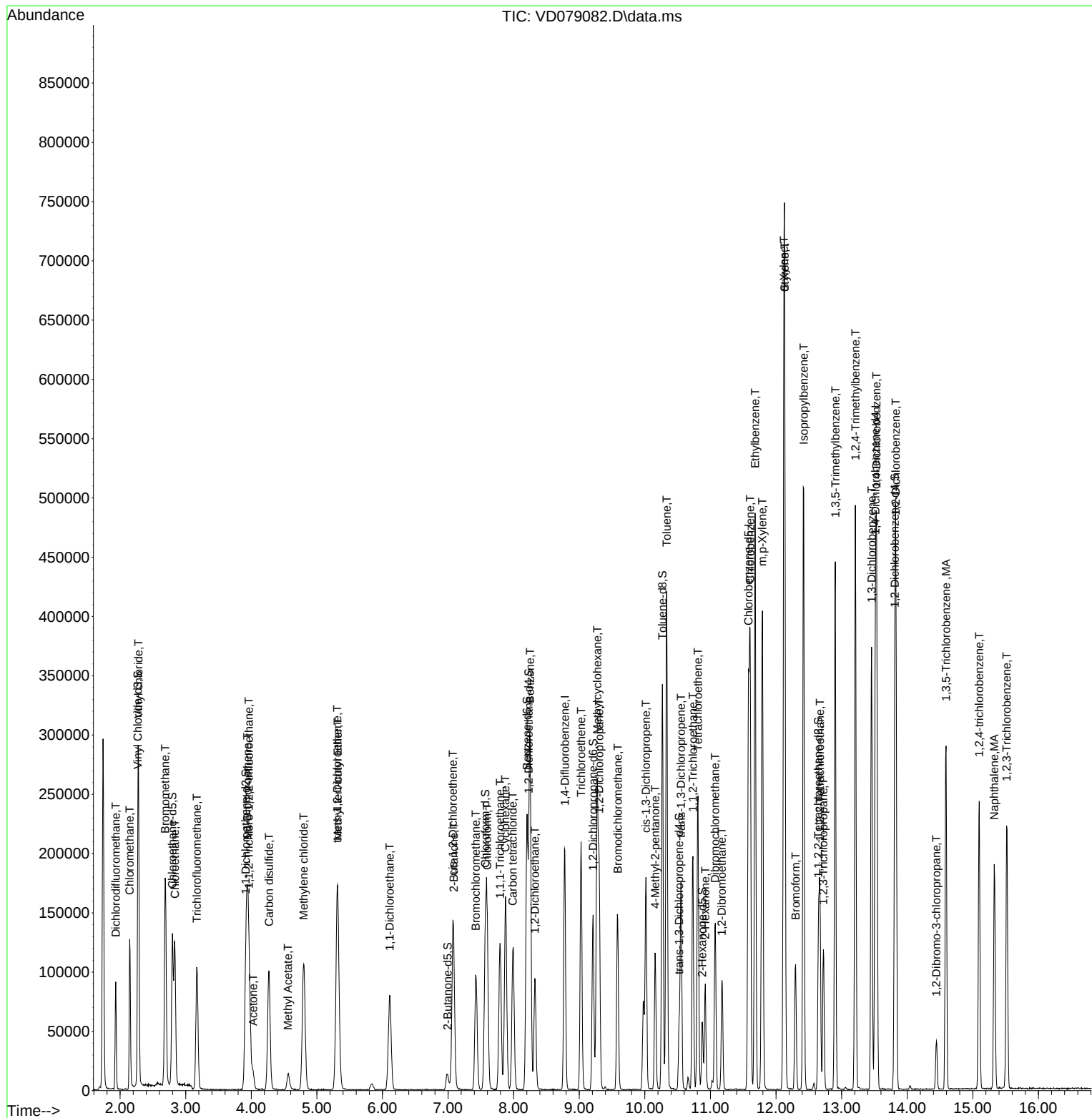
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.322	62	82214	26.795	ug/L	99
29) Cyclohexane	7.875	56	79090	22.284	ug/L	97
30) 1,1,1-Trichloroethane	7.793	97	106355	22.836	ug/L	100
31) Carbon tetrachloride	7.987	117	98892	22.850	ug/L	96
33) Benzene	8.251	78	297114	25.360	ug/L	100
34) Trichloroethene	9.028	95	73183	24.252	ug/L	97
35) Methylcyclohexane	9.275	83	112835	22.567	ug/L	99
37) 1,2-Dichloropropane	9.304	63	72358	25.214	ug/L	99
38) Bromodichloromethane	9.587	83	102980	25.813	ug/L	95
39) cis-1,3-Dichloropropene	10.016	75	113426	25.319	ug/L	92
40) 4-Methyl-2-pentanone	10.157	43	67093	56.005	ug/L	93
42) Toluene	10.334	91	328073	25.217	ug/L	95
44) trans-1,3-Dichloropropene	10.551	75	101721	26.852	ug/L	97
45) 1,1,2-Trichloroethane	10.734	97	66351	26.354	ug/L	97
46) Tetrachloroethene	10.810	164	60605	22.809	ug/L	95
48) 2-Hexanone	10.922	43	50531	48.746	ug/L	99
49) Dibromochloromethane	11.069	129	78065	26.184	ug/L	91
50) 1,2-Dibromoethane	11.175	107	62817	27.149	ug/L #	96
51) Chlorobenzene	11.604	112	221977	25.643	ug/L	98
52) Ethylbenzene	11.681	91	349322	25.741	ug/L	98
53) m,p-Xylene	11.792	106	136855	25.704	ug/L	96
54) o-Xylene	12.122	106	136365	26.510	ug/L	96
55) Styrene	12.134	104	250002	27.410	ug/L	94
57) 1,1,2,2-Tetrachloroethane	12.669	83	77853	27.625	ug/L	93
59) Bromoform	12.298	173	48980	25.954	ug/L	99
60) Isopropylbenzene	12.422	105	335873	24.669	ug/L	99
61) 1,2,3-Trichloropropane	12.722	75	50900	27.999	ug/L	99
62) 1,3,5-Trimethylbenzene	12.904	105	235063	25.251	ug/L	98
63) 1,2,4-Trimethylbenzene	13.210	105	260553	26.168	ug/L	99
64) 1,3-Dichlorobenzene	13.457	146	162143	24.790	ug/L	94
65) 1,4-Dichlorobenzene	13.534	146	170021	24.533	ug/L	98
67) 1,2-Dichlorobenzene	13.828	146	155630	25.739	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.445	75	10991	29.411	ug/L	91
69) 1,3,5-Trichlorobenzene	14.592	180	97545	23.646	ug/L	98
70) 1,2,4-trichlorobenzene	15.098	180	81281	23.724	ug/L	98
71) Naphthalene	15.328	128	173560	27.088	ug/L	99
72) 1,2,3-Trichlorobenzene	15.516	180	78833	26.623	ug/L	96

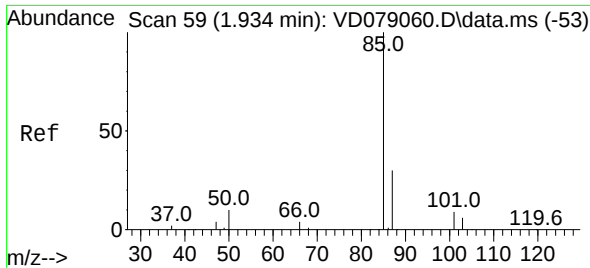
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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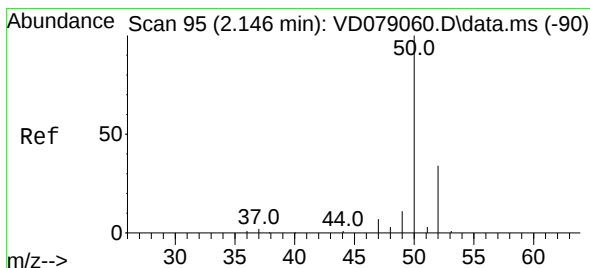
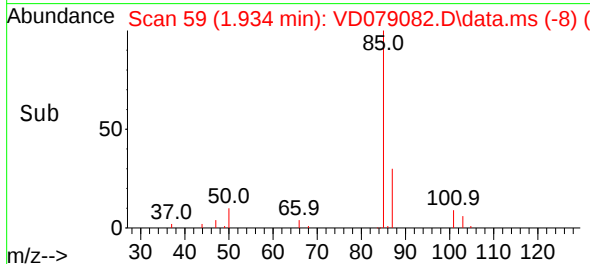
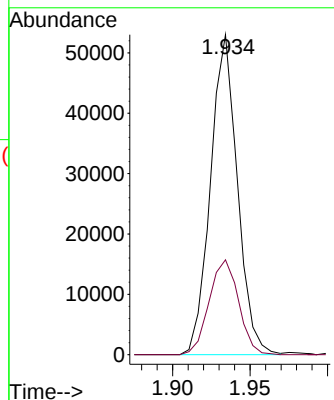
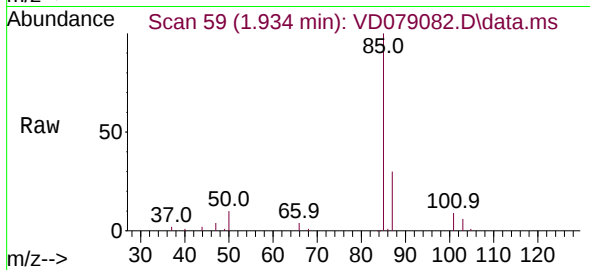




#2
Dichlorodifluoromethane
Concen: 20.964 ug/L
RT: 1.934 min Scan# 59
Delta R.T. -0.000 min
Lab File: VD079082.D
Acq: 29 May 2024 23:26

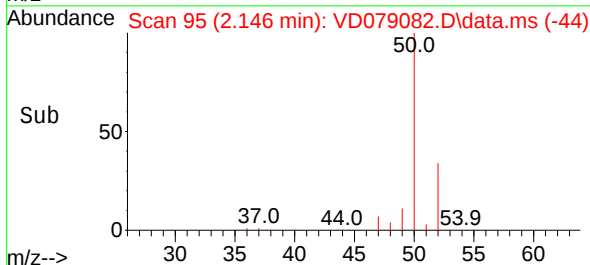
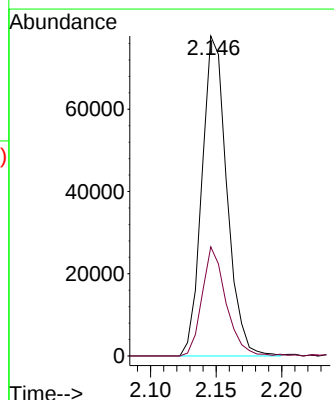
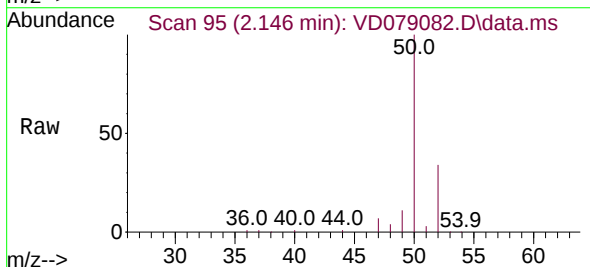
Instrument :
MSVOA_D
ClientSampleId :

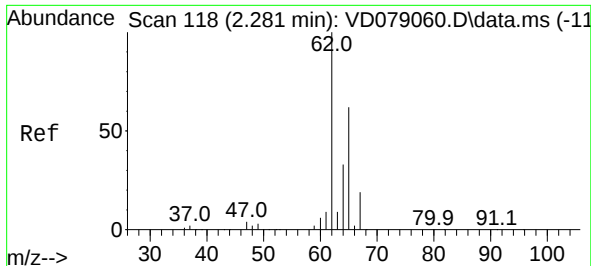
Tgt Ion: 85 Resp: 64116
Ion Ratio Lower Upper
85 100
87 32.4 26.2 39.4



#3
Chloromethane
Concen: 25.278 ug/L
RT: 2.146 min Scan# 95
Delta R.T. -0.000 min
Lab File: VD079082.D
Acq: 29 May 2024 23:26

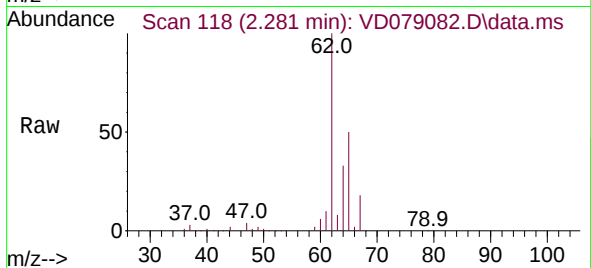
Tgt Ion: 50 Resp: 103039
Ion Ratio Lower Upper
50 100
52 34.1 24.4 45.2



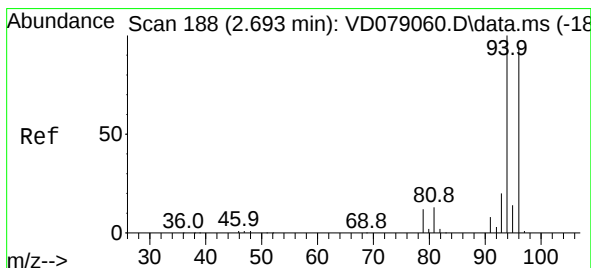
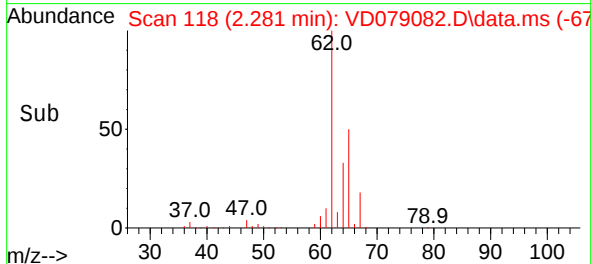
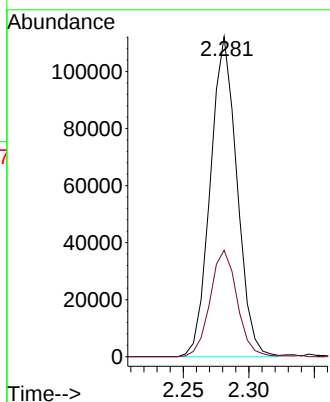


#5
Vinyl chloride
Concen: 23.569 ug/L
RT: 2.281 min Scan# 118
Delta R.T. -0.000 min
Lab File: VD079082.D
Acq: 29 May 2024 23:26

Instrument :
MSVOA_D
ClientSampleId :

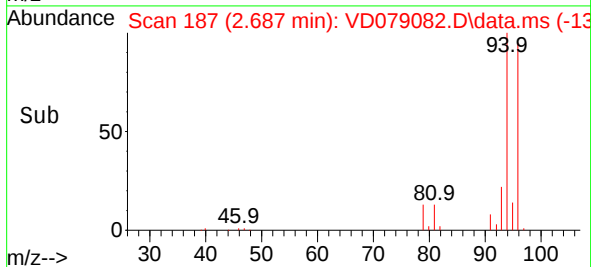
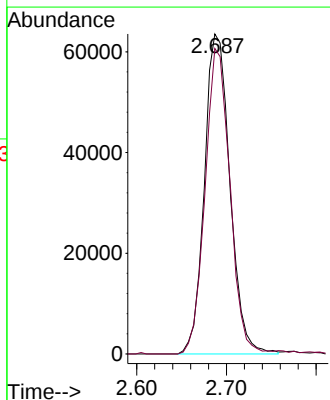
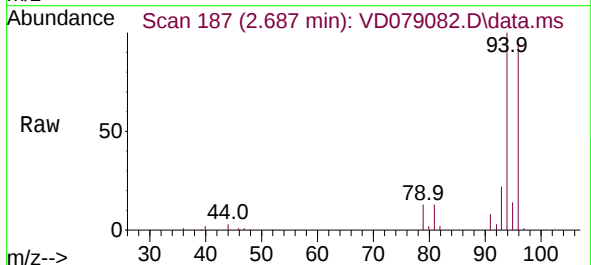


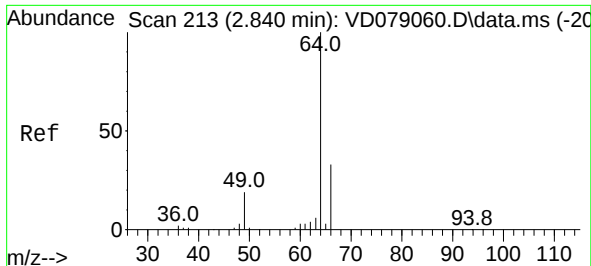
Tgt Ion: 62 Resp: 158574
Ion Ratio Lower Upper
62 100
64 33.3 24.8 46.1



#6
Bromomethane
Concen: 24.184 ug/L
RT: 2.687 min Scan# 187
Delta R.T. -0.006 min
Lab File: VD079082.D
Acq: 29 May 2024 23:26

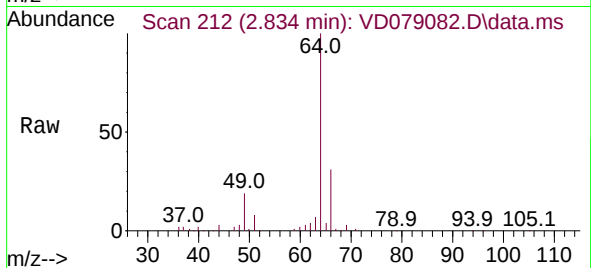
Tgt Ion: 94 Resp: 125613
Ion Ratio Lower Upper
94 100
96 95.4 63.6 118.2



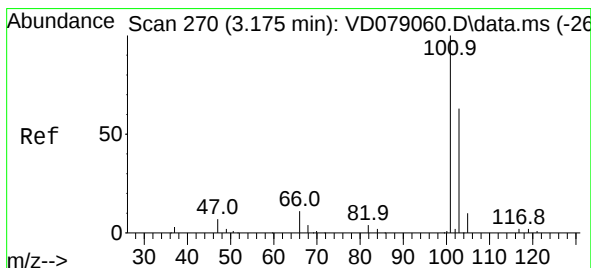
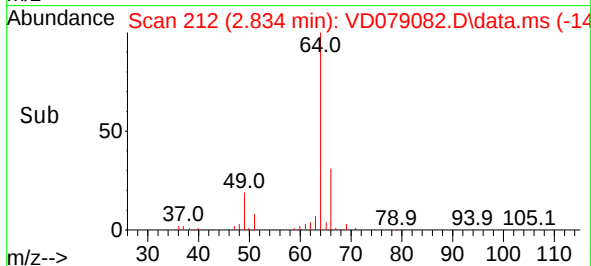
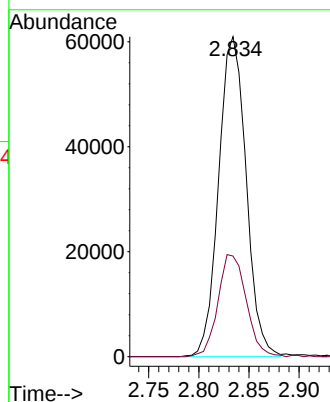


#8
Chloroethane
Concen: 23.559 ug/L
RT: 2.834 min Scan# 213
Delta R.T. -0.006 min
Lab File: VD079082.D
Acq: 29 May 2024 23:26

Instrument :
MSVOA_D
ClientSampleId :

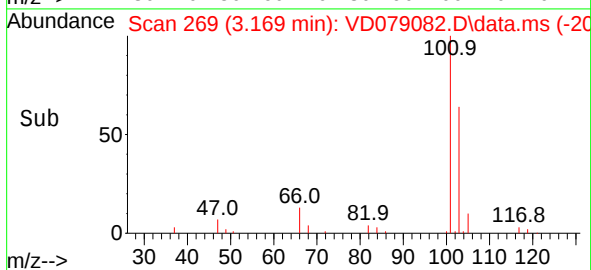
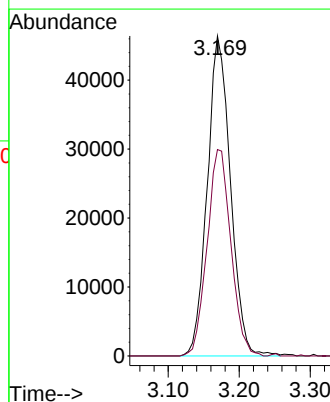
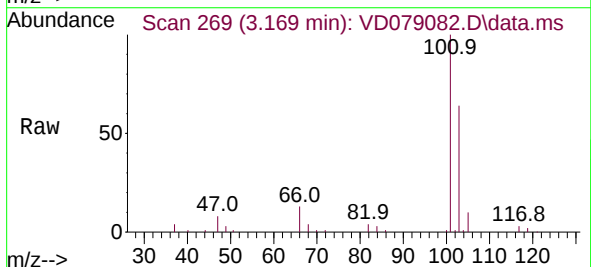


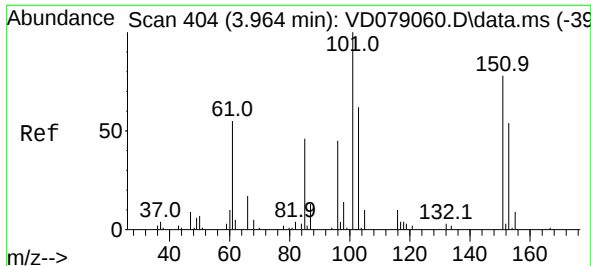
Tgt Ion: 64 Resp: 116172
Ion Ratio Lower Upper
64 100
66 31.5 24.8 46.1



#9
Trichlorofluoromethane
Concen: 20.570 ug/L
RT: 3.169 min Scan# 269
Delta R.T. -0.006 min
Lab File: VD079082.D
Acq: 29 May 2024 23:26

Tgt Ion:101 Resp: 105429
Ion Ratio Lower Upper
101 100
103 66.1 52.6 79.0





#10

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

Concen: 21.990 ug/L

RT: 3.963 min Scan# 404

Delta R.T. -0.000 min

Lab File: VD079082.D

Acq: 29 May 2024 23:26

Instrument :

MSVOA_D

ClientSampleId :

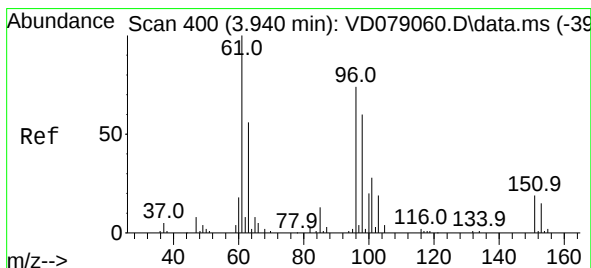
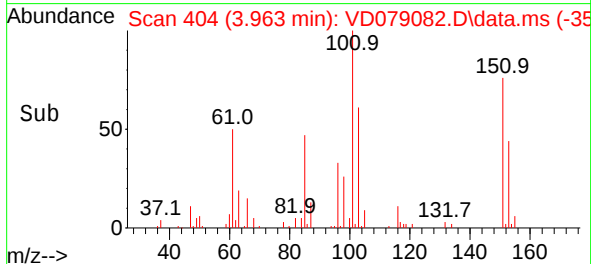
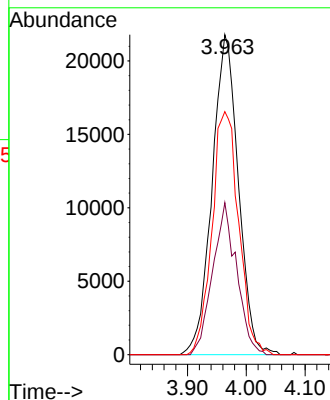
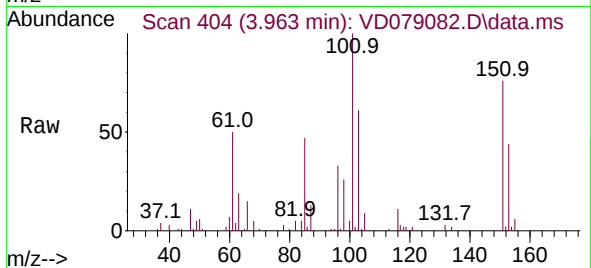
Tgt Ion:101 Resp: 67584

Ion Ratio Lower Upper

101 100

85 43.4 35.4 53.0

151 76.7 59.1 88.7



#12

1,1-Dichloroethene

Concen: 22.413 ug/L

RT: 3.940 min Scan# 400

Delta R.T. -0.000 min

Lab File: VD079082.D

Acq: 29 May 2024 23:26

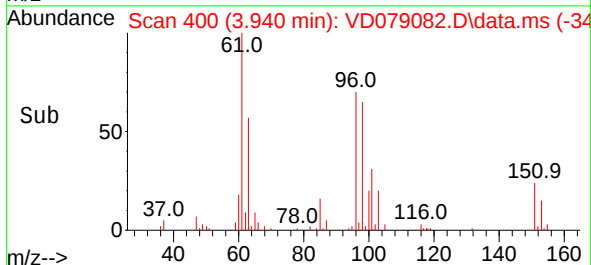
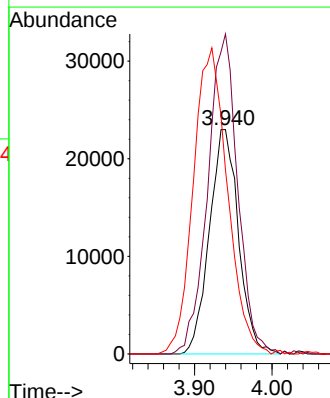
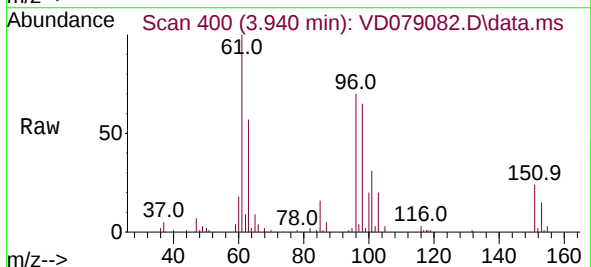
Tgt Ion: 96 Resp: 59968

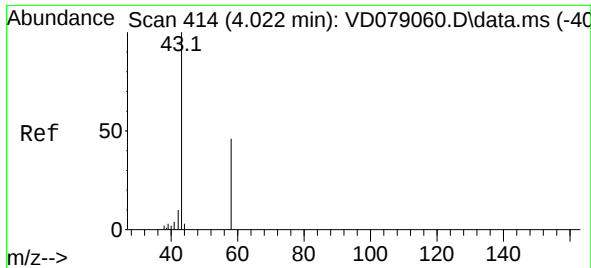
Ion Ratio Lower Upper

96 100

61 142.6 93.9 174.3

63 82.0 67.7 125.7





#13

Acetone

Concen: 36.317 ug/L

RT: 4.028 min Scan# 41

Delta R.T. 0.006 min

Lab File: VD079082.D

Acq: 29 May 2024 23:26

Instrument :

MSVOA_D

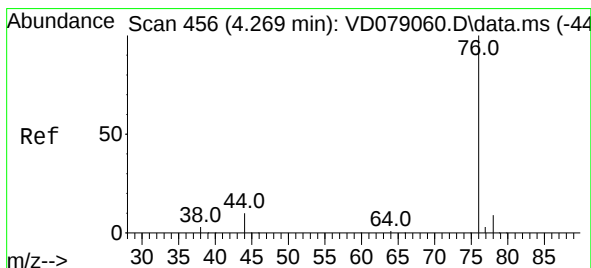
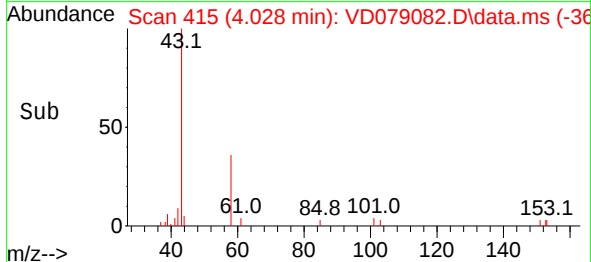
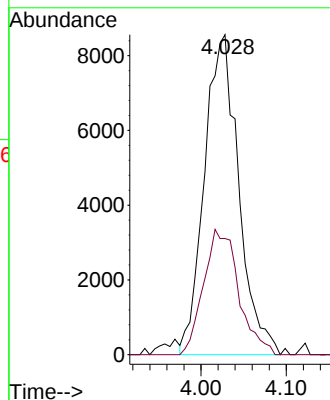
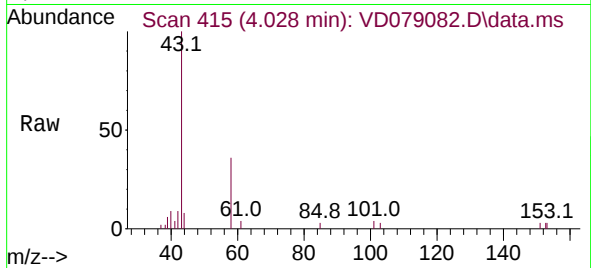
ClientSampleId :

Tgt Ion: 43 Resp: 23909

Ion Ratio Lower Upper

43 100

58 20.8 0.0 78.2



#14

Carbon disulfide

Concen: 22.960 ug/L

RT: 4.269 min Scan# 456

Delta R.T. -0.000 min

Lab File: VD079082.D

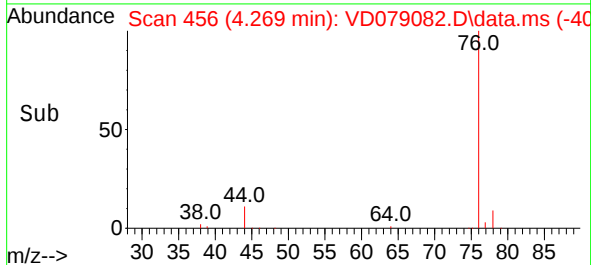
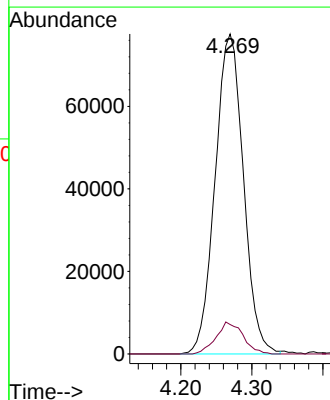
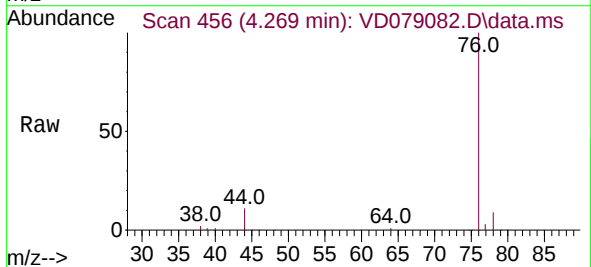
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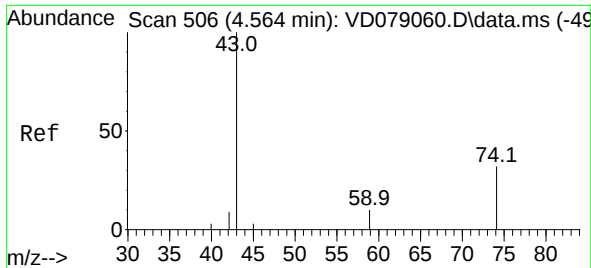
Tgt Ion: 76 Resp: 214300

Ion Ratio Lower Upper

76 100

78 9.2 7.5 11.3

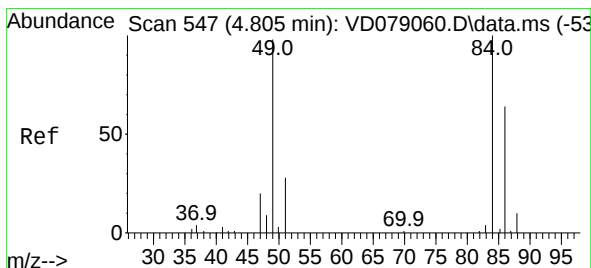
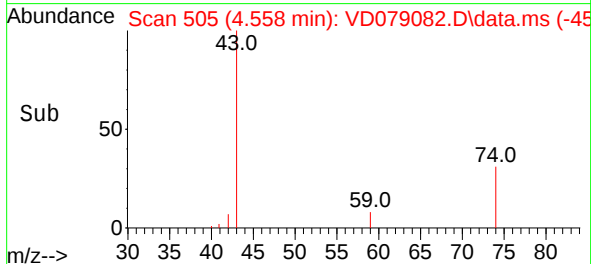
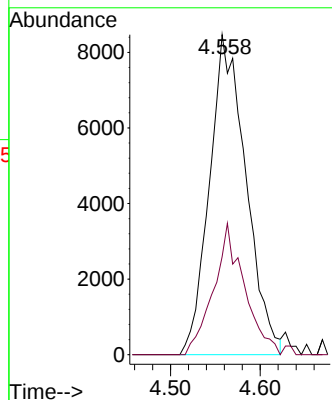
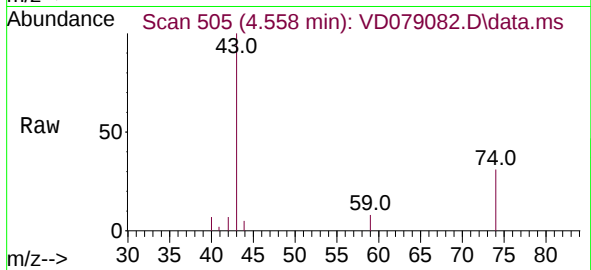




#15
Methyl Acetate
Concen: 26.634 ug/L
RT: 4.558 min Scan# 506
Delta R.T. -0.006 min
Lab File: VD079082.D
Acq: 29 May 2024 23:26

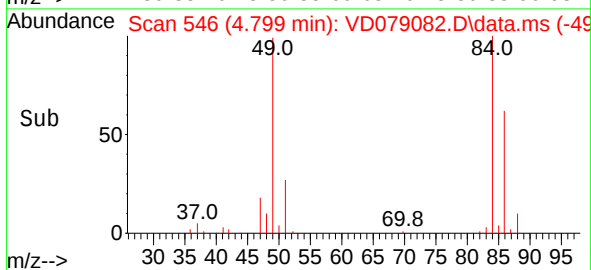
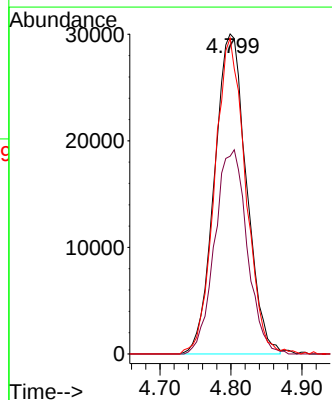
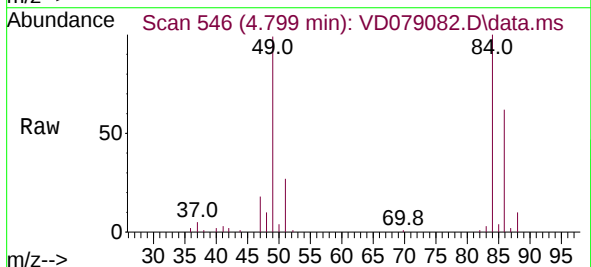
Instrument :
MSVOA_D
ClientSampleId :

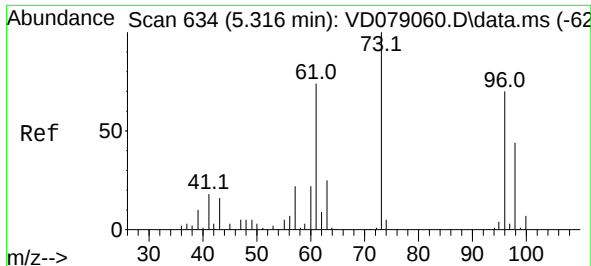
Tgt Ion: 43 Resp: 23891
Ion Ratio Lower Upper
43 100
74 34.6 23.8 35.6



#16
Methylene chloride
Concen: 27.298 ug/L
RT: 4.799 min Scan# 546
Delta R.T. -0.006 min
Lab File: VD079082.D
Acq: 29 May 2024 23:26

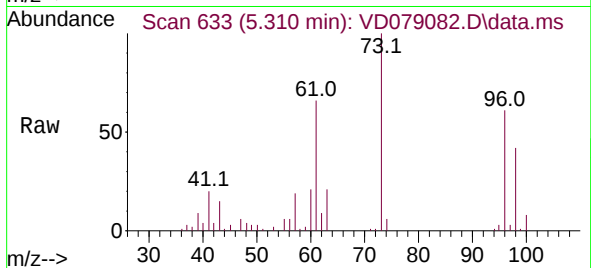
Tgt Ion: 84 Resp: 93973
Ion Ratio Lower Upper
84 100
86 61.8 40.9 76.0
49 98.7 67.5 125.3



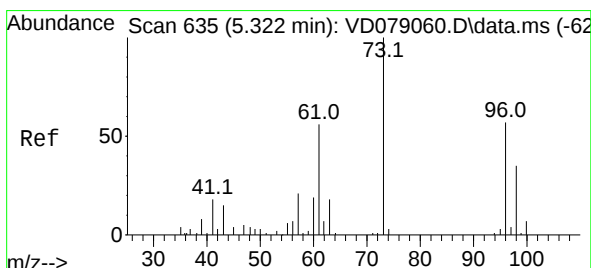
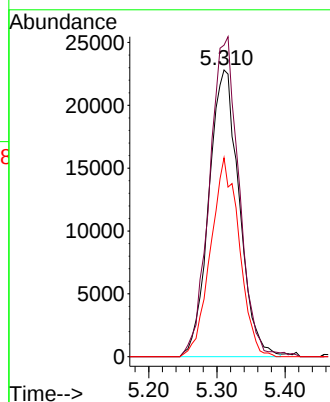
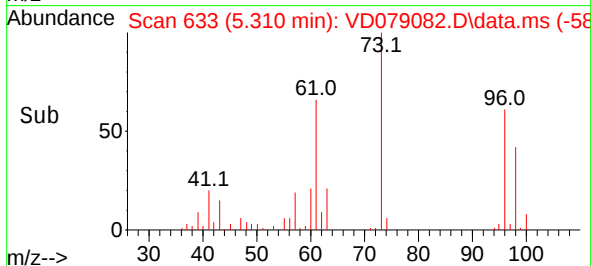


#17
trans-1,2-Dichloroethene
Concen: 24.419 ug/L
RT: 5.310 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD079082.D
Acq: 29 May 2024 23:26

Instrument :
MSVOA_D
ClientSampleId :

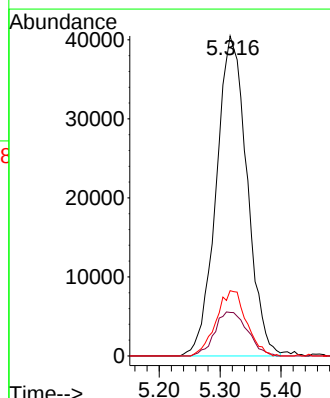
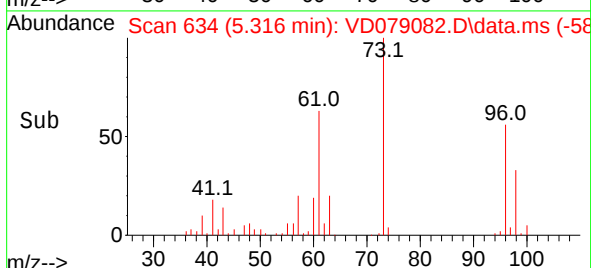
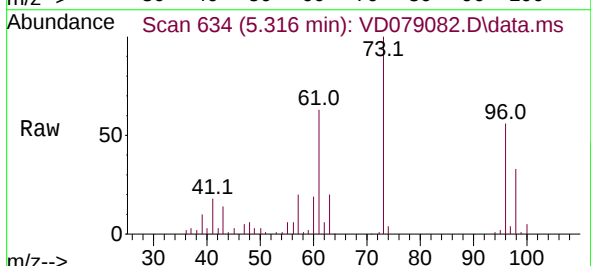


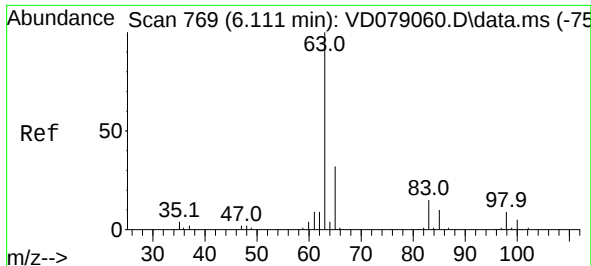
Tgt Ion: 96 Resp: 70609
Ion Ratio Lower Upper
96 100
61 108.6 71.9 133.5
98 69.3 42.6 79.2



#18
Methyl tert-butyl Ether
Concen: 27.762 ug/L
RT: 5.316 min Scan# 634
Delta R.T. -0.006 min
Lab File: VD079082.D
Acq: 29 May 2024 23:26

Tgt Ion: 73 Resp: 142375
Ion Ratio Lower Upper
73 100
43 14.6 12.0 18.0
57 20.0 9.6 14.4#

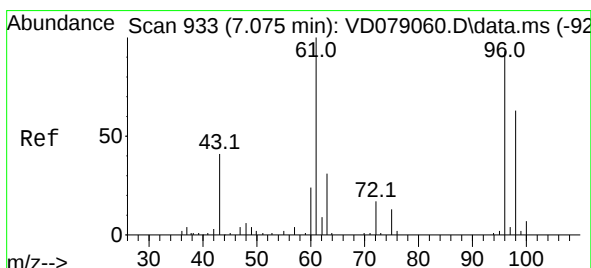
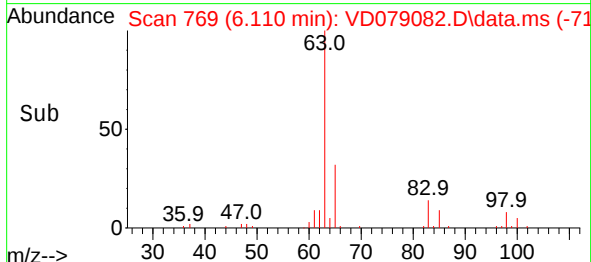
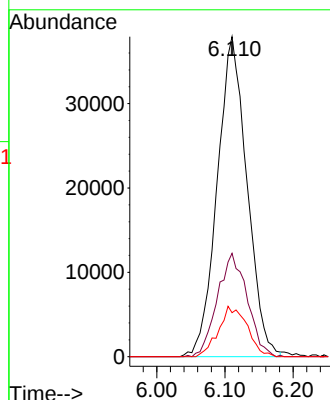
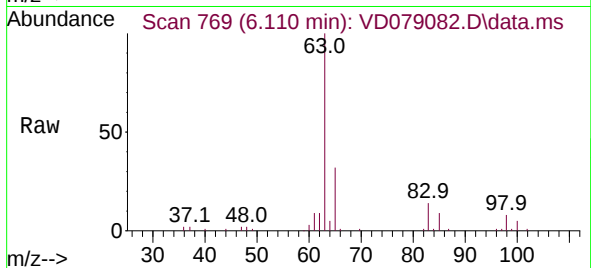




#19
1,1-Dichloroethane
Concen: 24.729 ug/L
RT: 6.110 min Scan# 769
Delta R.T. -0.000 min
Lab File: VD079082.D
Acq: 29 May 2024 23:26

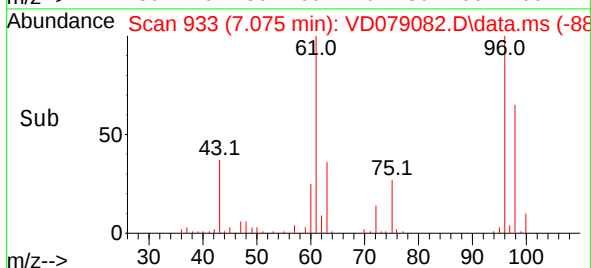
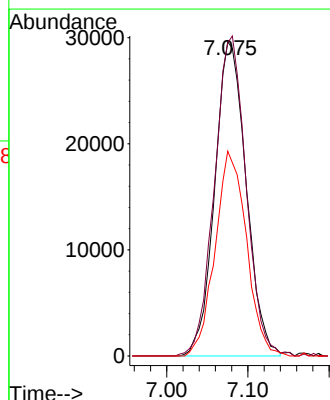
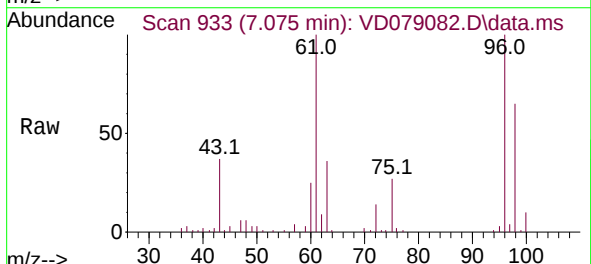
Instrument :
MSVOA_D
ClientSampleId :

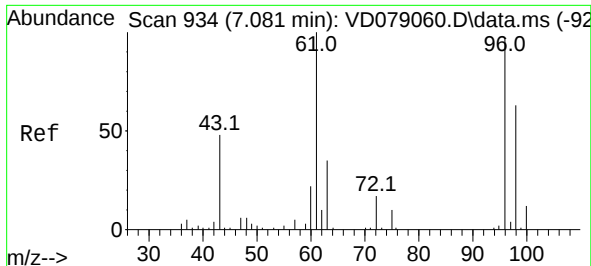
Tgt Ion: 63 Resp: 115126
Ion Ratio Lower Upper
63 100
65 32.3 22.8 42.4
83 13.8 8.6 16.0



#20
cis-1,2-Dichloroethene
Concen: 26.429 ug/L
RT: 7.075 min Scan# 933
Delta R.T. -0.000 min
Lab File: VD079082.D
Acq: 29 May 2024 23:26

Tgt Ion: 96 Resp: 79574
Ion Ratio Lower Upper
96 100
61 99.7 72.6 134.8
98 65.2 43.8 81.3





#22

2-Butanone

Concen: 48.576 ug/L

RT: 7.087 min Scan# 934

Delta R.T. 0.006 min

Lab File: VD079082.D

Acq: 29 May 2024 23:26

Instrument :

MSVOA_D

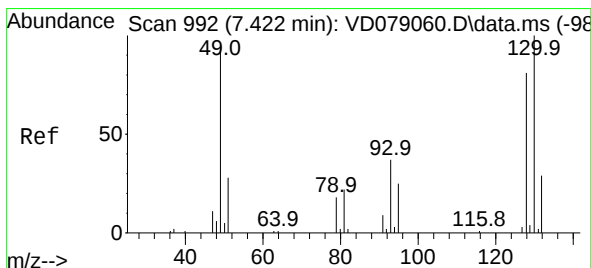
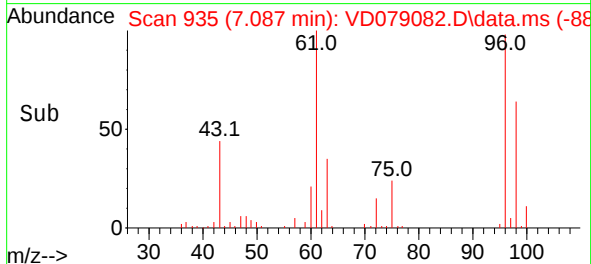
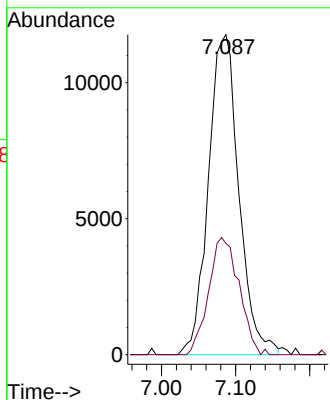
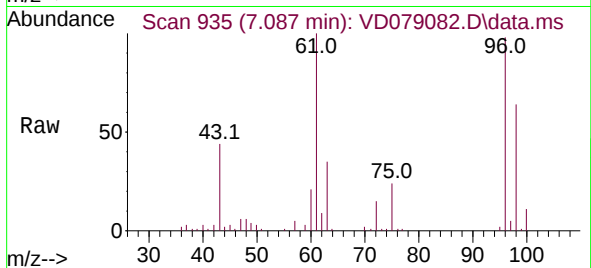
ClientSampleId :

Tgt Ion: 43 Resp: 33595

Ion Ratio Lower Upper

43 100

72 36.4 19.3 57.8



#23

Bromochloromethane

Concen: 26.646 ug/L

RT: 7.422 min Scan# 992

Delta R.T. -0.000 min

Lab File: VD079082.D

Acq: 29 May 2024 23:26

Tgt Ion: 128 Resp: 40674

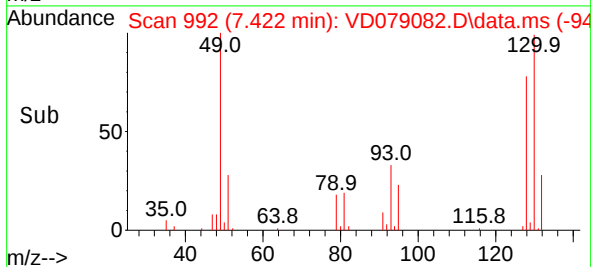
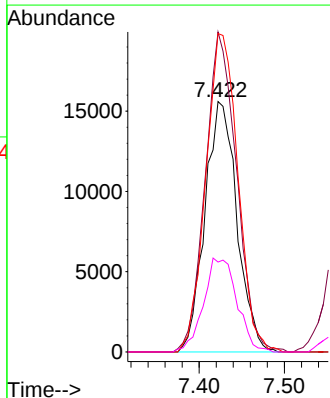
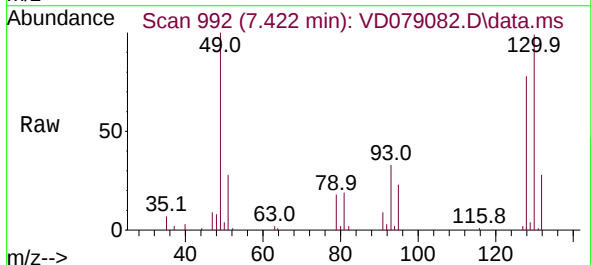
Ion Ratio Lower Upper

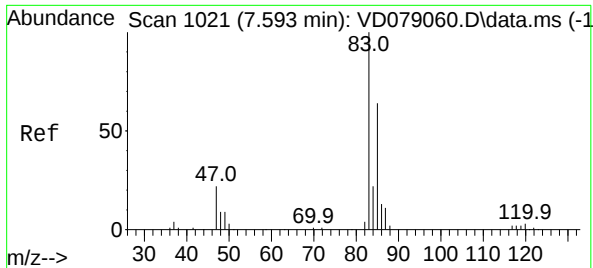
128 100

49 127.8 81.8 151.8

130 127.2 90.4 167.8

51 35.9 33.7 50.5





#25

Chloroform

Concen: 25.526 ug/L

RT: 7.599 min Scan# 1021

Delta R.T. 0.006 min

Lab File: VD079082.D

Acq: 29 May 2024 23:26

Instrument :

MSVOA_D

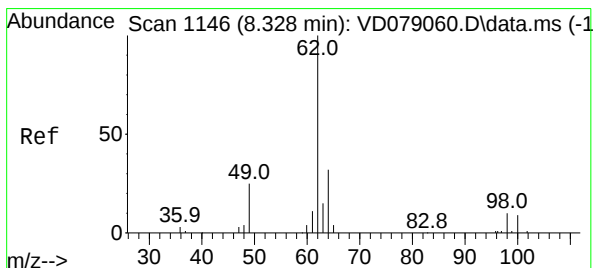
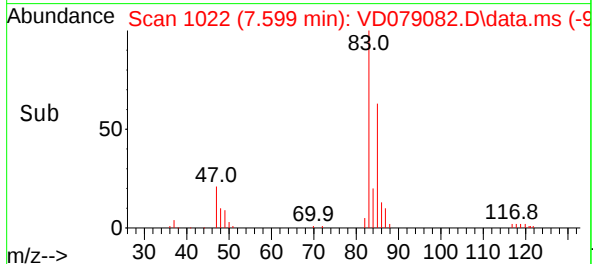
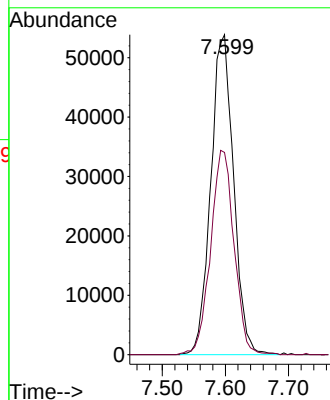
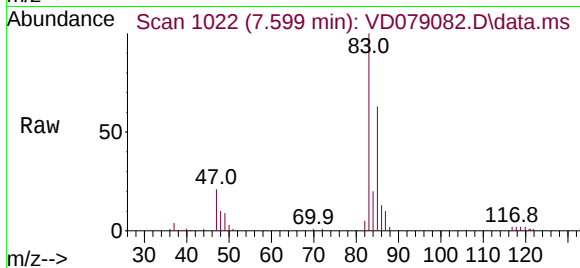
ClientSampleId :

Tgt Ion: 83 Resp: 134921

Ion Ratio Lower Upper

83 100

85 63.2 47.9 89.1



#27

1,2-Dichloroethane

Concen: 26.795 ug/L

RT: 8.322 min Scan# 1145

Delta R.T. -0.006 min

Lab File: VD079082.D

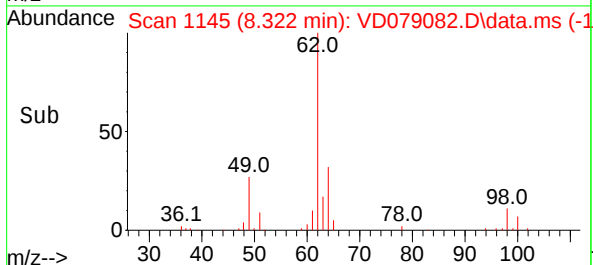
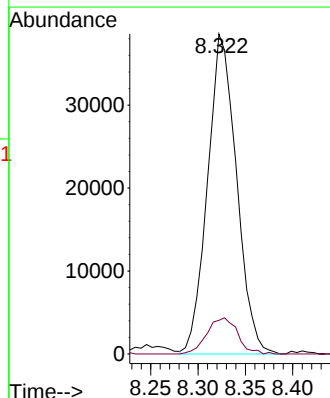
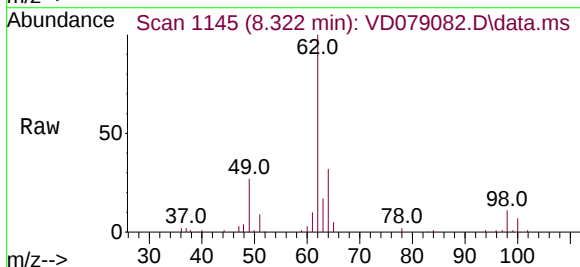
Acq: 29 May 2024 23:26

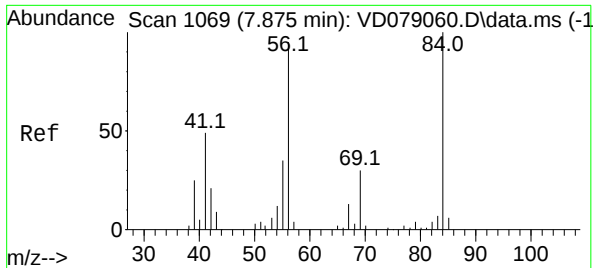
Tgt Ion: 62 Resp: 82214

Ion Ratio Lower Upper

62 100

98 10.5 8.2 12.4





#29

Cyclohexane

Concen: 22.284 ug/L

RT: 7.875 min Scan# 1069

Delta R.T. -0.000 min

Lab File: VD079082.D

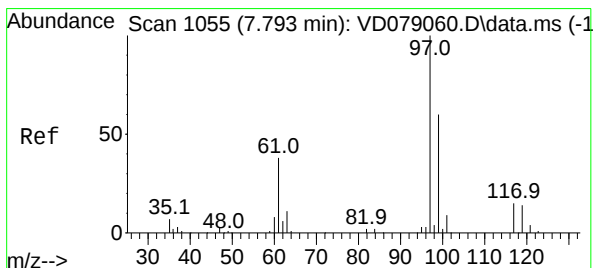
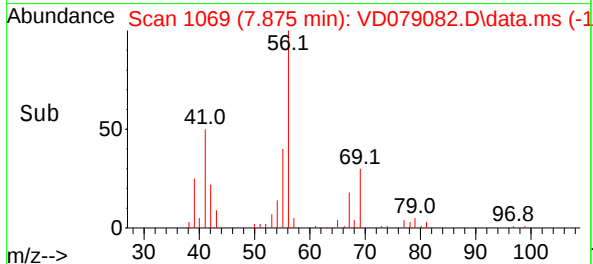
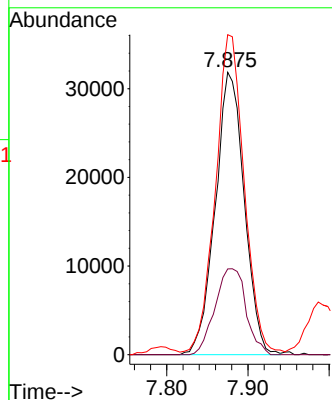
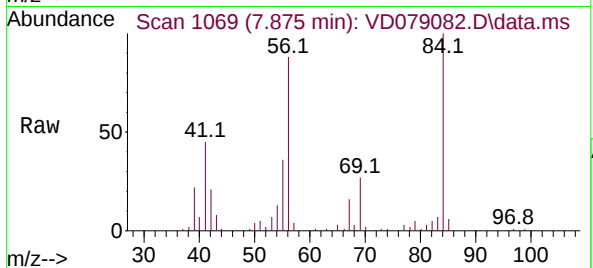
Acq: 29 May 2024 23:26

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	56	Resp:	79090
Ion Ratio	Lower	Upper	
56	100		
69	32.5	26.6	40.0
84	113.3	87.5	131.3



#30

1,1,1-Trichloroethane

Concen: 22.836 ug/L

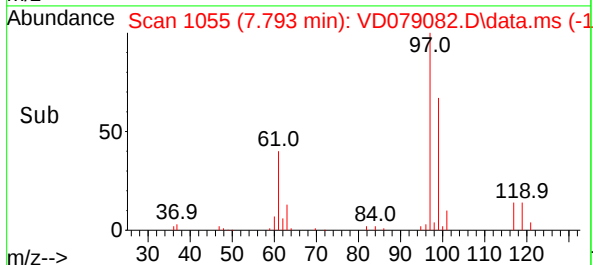
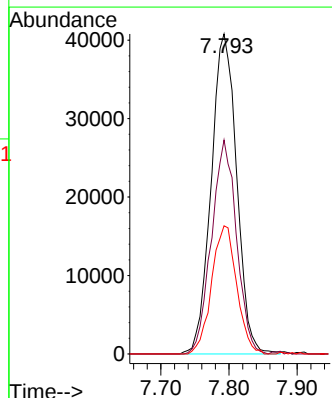
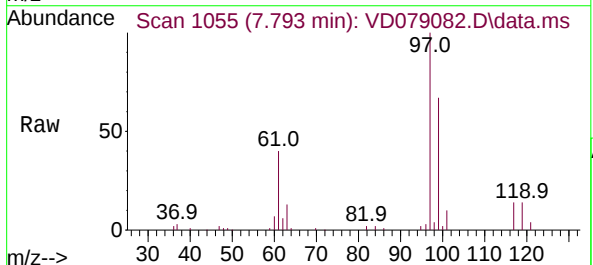
RT: 7.793 min Scan# 1055

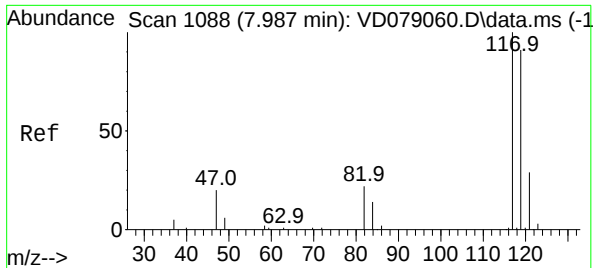
Delta R.T. -0.000 min

Lab File: VD079082.D

Acq: 29 May 2024 23:26

Tgt Ion:	97	Resp:	106355
Ion Ratio	Lower	Upper	
97	100		
99	65.5	52.3	78.5
61	39.3	31.7	47.5

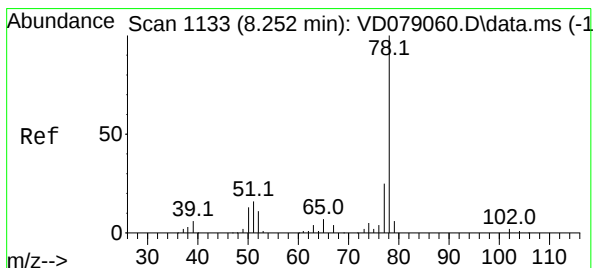
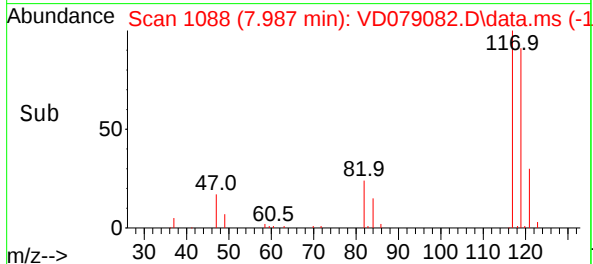
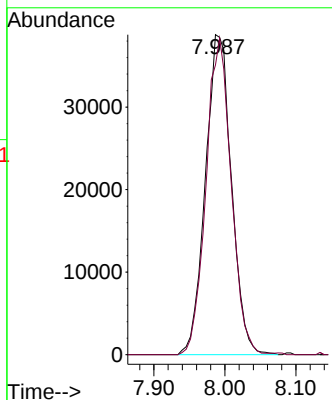
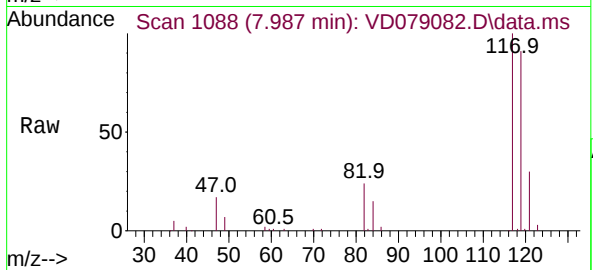




#31
Carbon tetrachloride
Concen: 22.850 ug/L
RT: 7.987 min Scan# 1088
Delta R.T. -0.000 min
Lab File: VD079082.D
Acq: 29 May 2024 23:26

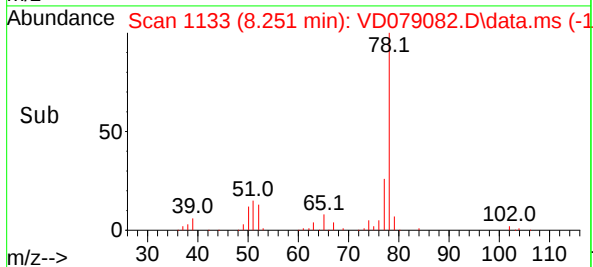
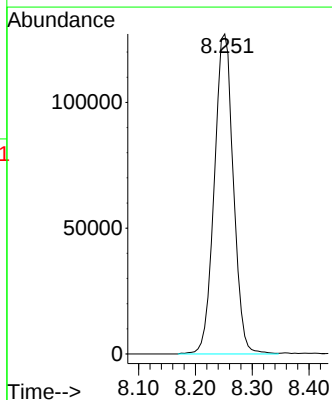
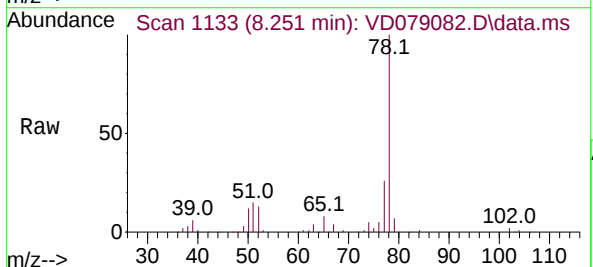
Instrument :
MSVOA_D
ClientSampleId :

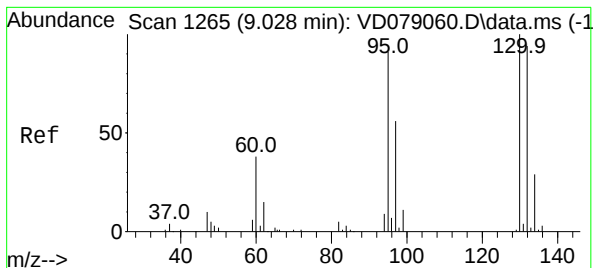
Tgt Ion:117 Resp: 98892
Ion Ratio Lower Upper
117 100
119 95.5 79.6 119.4



#33
Benzene
Concen: 25.360 ug/L
RT: 8.251 min Scan# 1133
Delta R.T. -0.000 min
Lab File: VD079082.D
Acq: 29 May 2024 23:26

Tgt Ion: 78 Resp: 297114





#34

Trichloroethene

Concen: 24.252 ug/L

RT: 9.028 min Scan# 1265

Delta R.T. -0.000 min

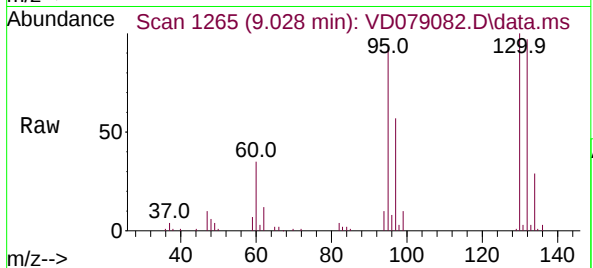
Lab File: VD079082.D

Acq: 29 May 2024 23:26

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 95 Resp: 73183

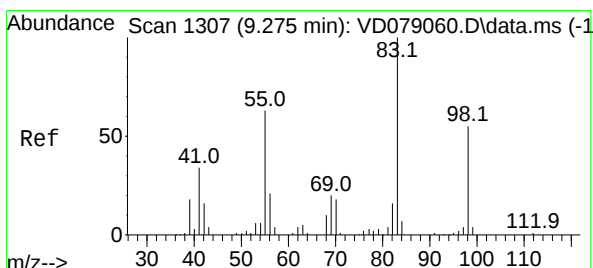
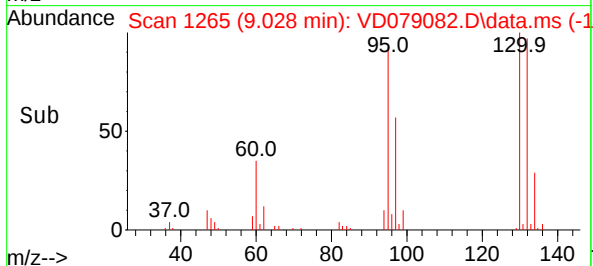
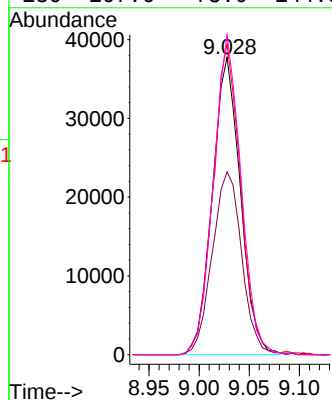
Ion Ratio Lower Upper

95 100

97 61.5 44.6 82.8

132 104.3 74.9 139.1

130 107.6 78.0 144.8



#35

Methylcyclohexane

Concen: 22.567 ug/L

RT: 9.275 min Scan# 1307

Delta R.T. -0.000 min

Lab File: VD079082.D

Acq: 29 May 2024 23:26

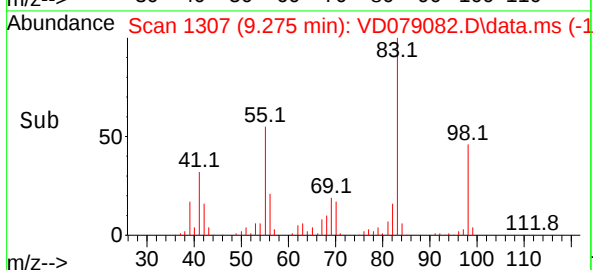
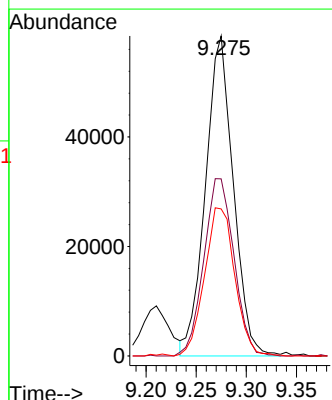
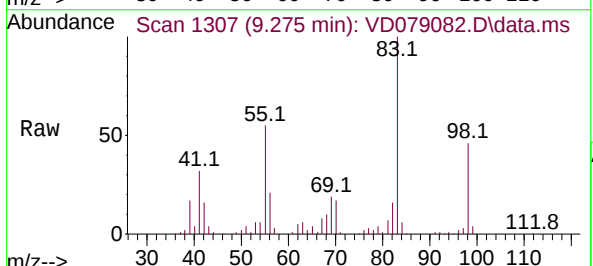
Tgt Ion: 83 Resp: 112835

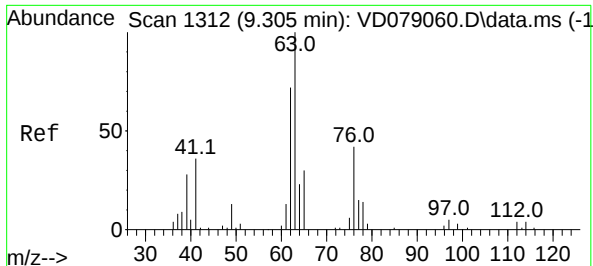
Ion Ratio Lower Upper

83 100

55 60.0 48.6 72.8

98 50.5 40.2 60.2

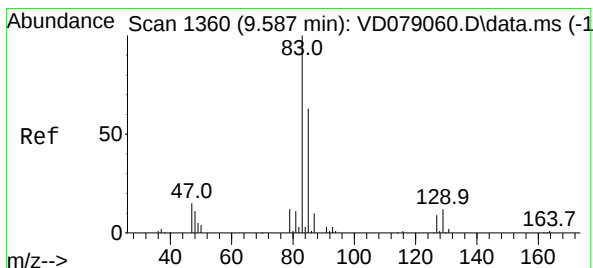
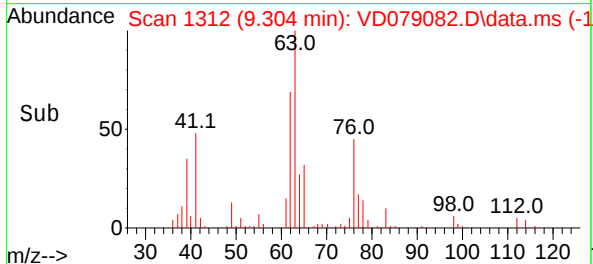
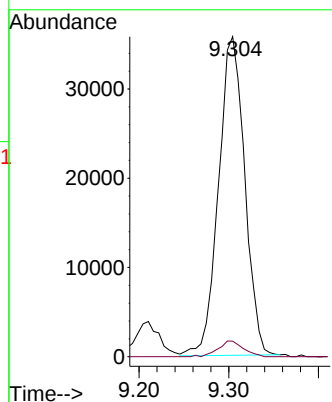
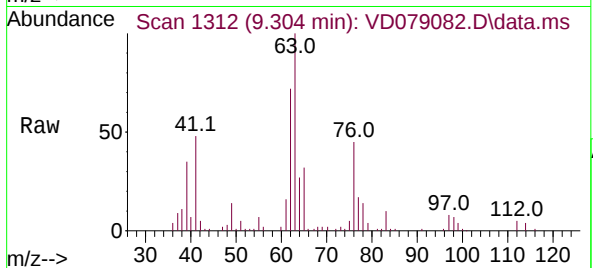




#37
1,2-Dichloropropane
Concen: 25.214 ug/L
RT: 9.304 min Scan# 1312
Delta R.T. -0.000 min
Lab File: VD079082.D
Acq: 29 May 2024 23:26

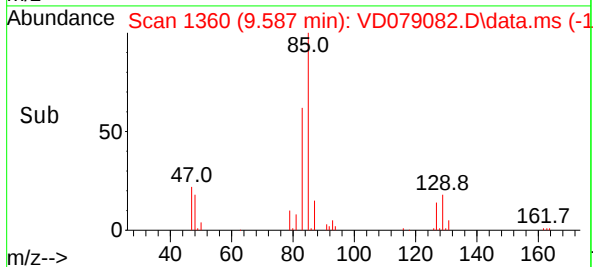
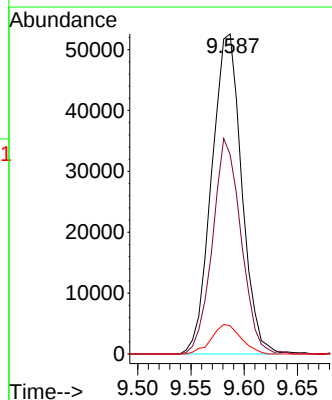
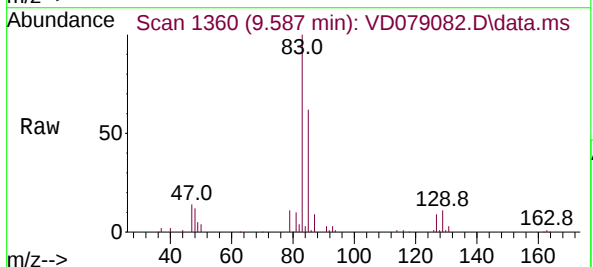
Instrument :
MSVOA_D
ClientSampleId :

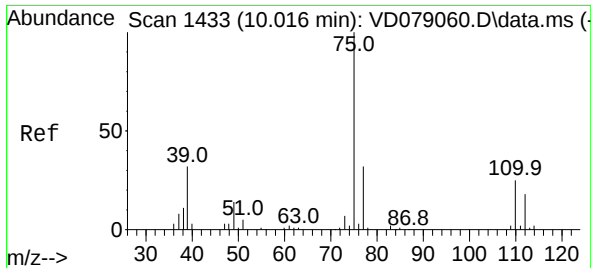
Tgt Ion: 63 Resp: 72358
Ion Ratio Lower Upper
63 100
112 4.7 3.9 5.9



#38
Bromodichloromethane
Concen: 25.813 ug/L
RT: 9.587 min Scan# 1360
Delta R.T. -0.000 min
Lab File: VD079082.D
Acq: 29 May 2024 23:26

Tgt Ion: 83 Resp: 102980
Ion Ratio Lower Upper
83 100
85 62.3 46.5 86.5
127 8.8 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 25.319 ug/L

RT: 10.016 min Scan# 1433

Delta R.T. -0.000 min

Lab File: VD079082.D

Acq: 29 May 2024 23:26

Instrument :

MSVOA_D

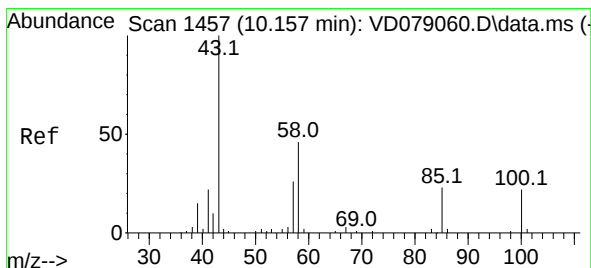
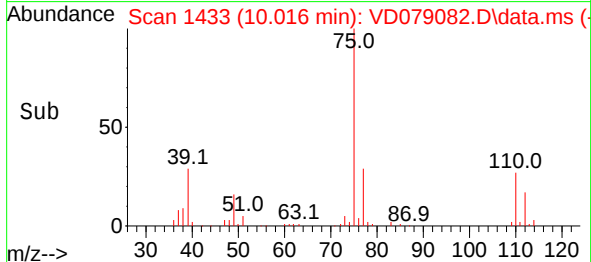
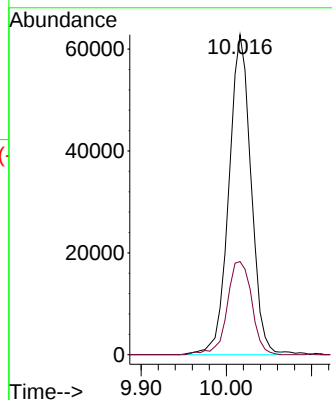
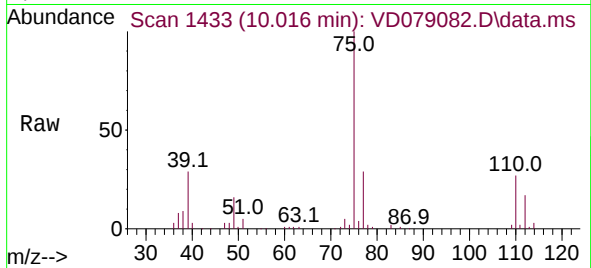
ClientSampleId :

Tgt Ion: 75 Resp: 113426

Ion Ratio Lower Upper

75 100

77 29.1 23.4 43.4



#40

4-Methyl-2-pentanone

Concen: 56.005 ug/L

RT: 10.157 min Scan# 1457

Delta R.T. -0.000 min

Lab File: VD079082.D

Acq: 29 May 2024 23:26

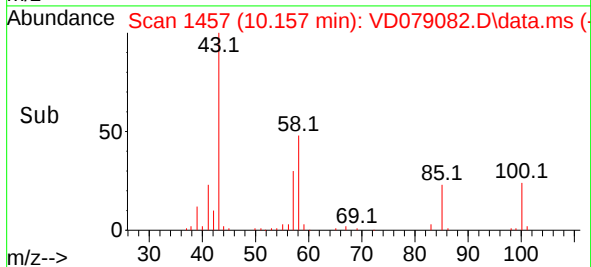
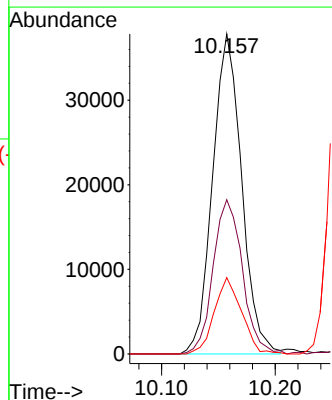
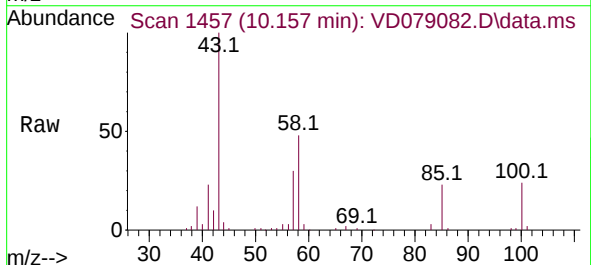
Tgt Ion: 43 Resp: 67093

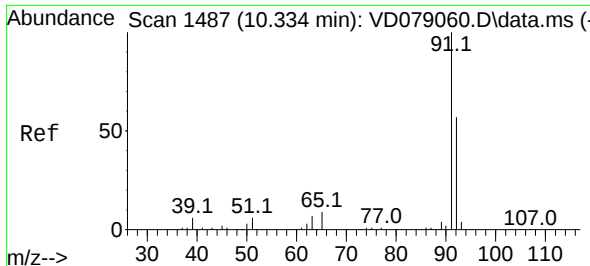
Ion Ratio Lower Upper

43 100

58 48.6 34.0 51.0

100 22.1 16.9 25.3

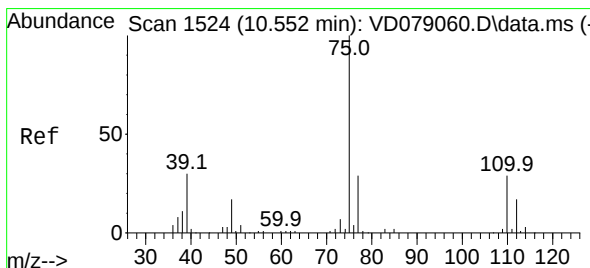
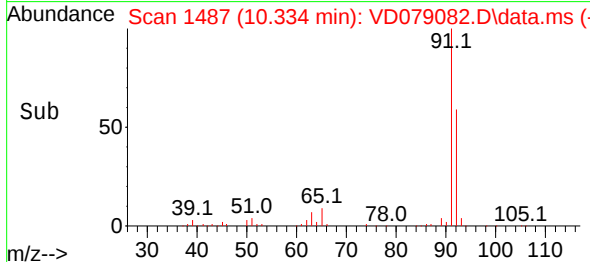
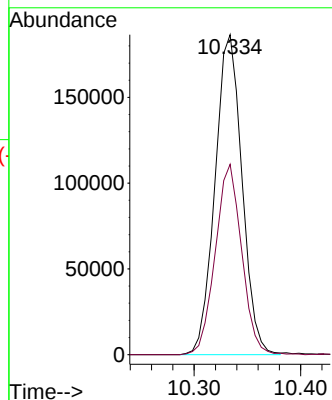
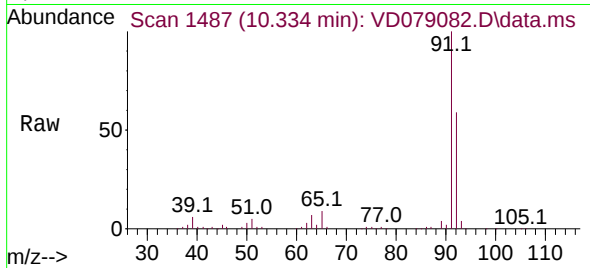




#42
Toluene
Concen: 25.217 ug/L
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD079082.D
Acq: 29 May 2024 23:26

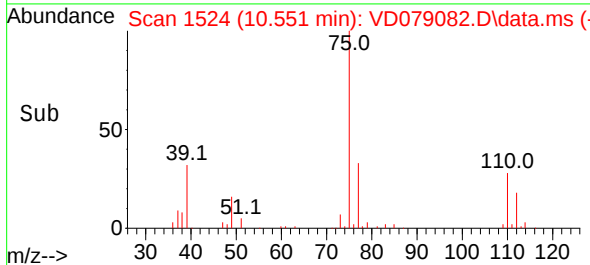
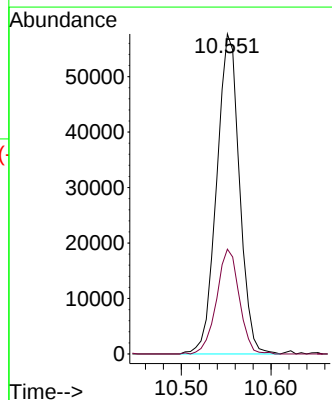
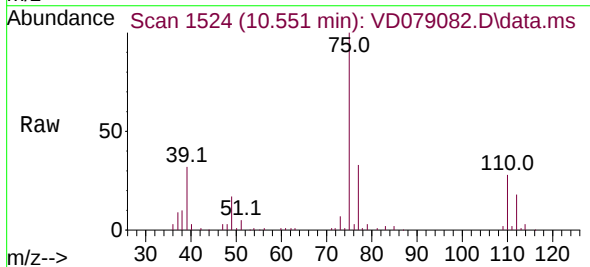
Instrument :
MSVOA_D
ClientSampleId :

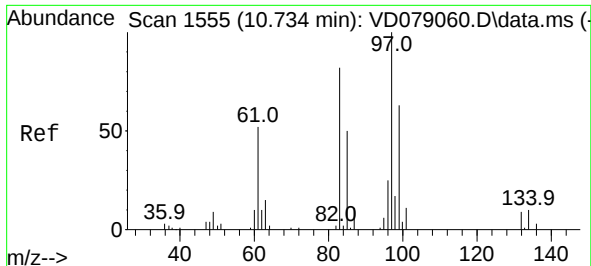
Tgt Ion: 91 Resp: 328073
Ion Ratio Lower Upper
91 100
92 59.5 38.9 72.3



#44
trans-1,3-Dichloropropene
Concen: 26.852 ug/L
RT: 10.551 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VD079082.D
Acq: 29 May 2024 23:26

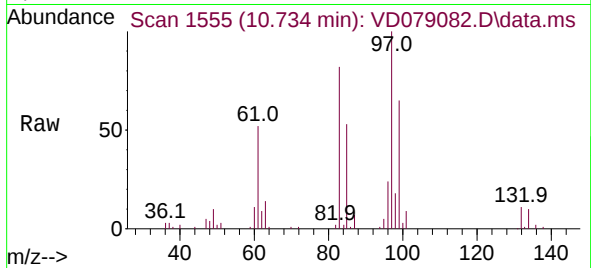
Tgt Ion: 75 Resp: 101721
Ion Ratio Lower Upper
75 100
77 32.8 24.3 45.1



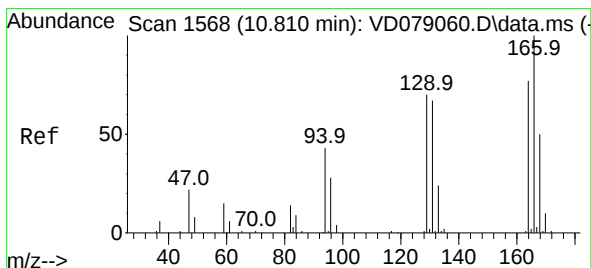
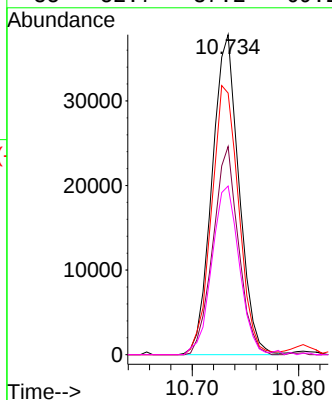
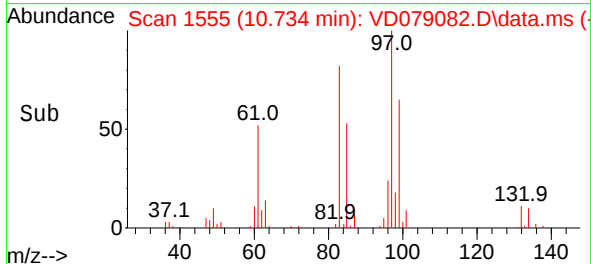


#45
1,1,2-Trichloroethane
Concen: 26.354 ug/L
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD079082.D
Acq: 29 May 2024 23:26

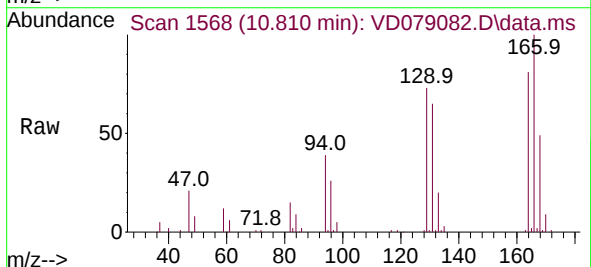
Instrument :
MSVOA_D
ClientSampleId :



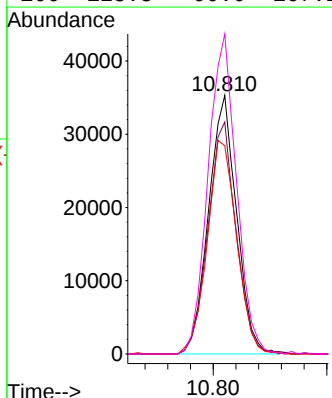
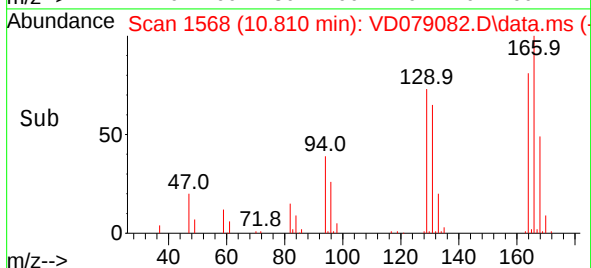
Tgt Ion:	97	Resp:	66351
Ion	Ratio	Lower	Upper
97	100		
99	65.1	43.0	79.8
83	81.8	58.9	109.5
85	52.7	37.2	69.2

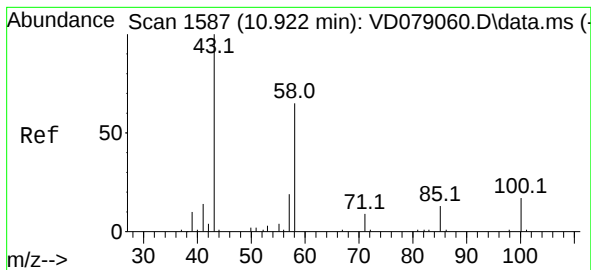


#46
Tetrachloroethene
Concen: 22.809 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD079082.D
Acq: 29 May 2024 23:26



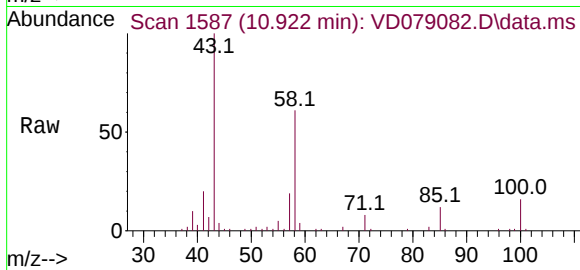
Tgt Ion:	164	Resp:	60605
Ion	Ratio	Lower	Upper
164	100		
129	89.8	64.3	119.5
131	80.6	61.2	113.8
166	123.8	90.0	167.2



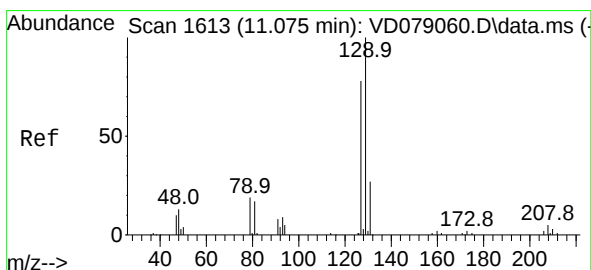
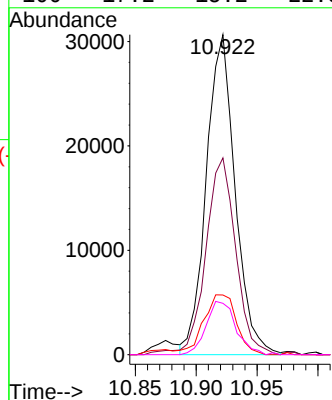
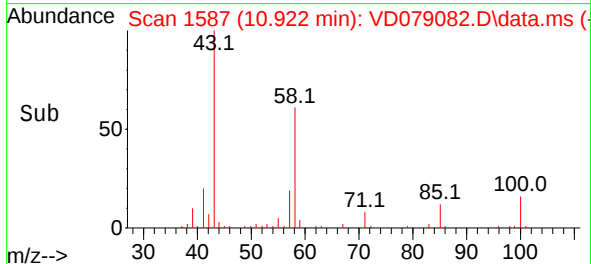


#48
2-Hexanone
Concen: 48.746 ug/L
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD079082.D
Acq: 29 May 2024 23:26

Instrument :
MSVOA_D
ClientSampleId :

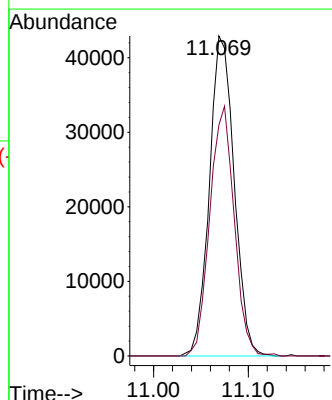
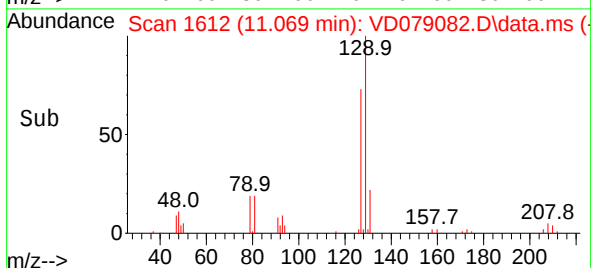
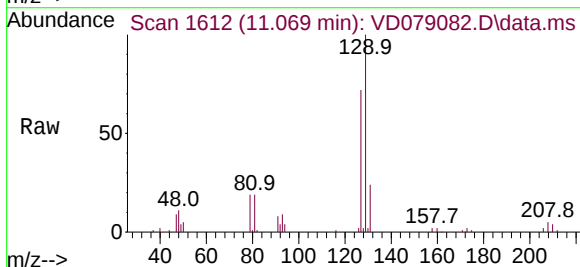


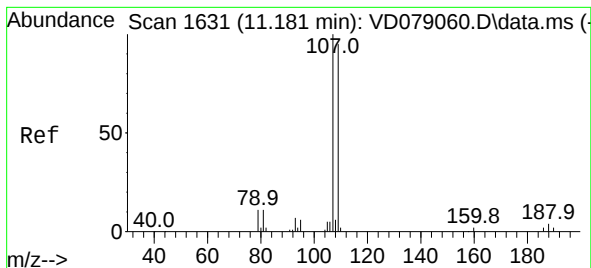
Tgt Ion: 43 Resp: 50531
Ion Ratio Lower Upper
43 100
58 63.1 50.1 75.1
57 21.4 16.5 24.7
100 17.2 15.2 22.8



#49
Dibromochloromethane
Concen: 26.184 ug/L
RT: 11.069 min Scan# 1612
Delta R.T. -0.006 min
Lab File: VD079082.D
Acq: 29 May 2024 23:26

Tgt Ion: 129 Resp: 78065
Ion Ratio Lower Upper
129 100
127 72.2 56.4 104.7





#50

1,2-Dibromoethane

Concen: 27.149 ug/L

RT: 11.175 min Scan# 1

Delta R.T. -0.006 min

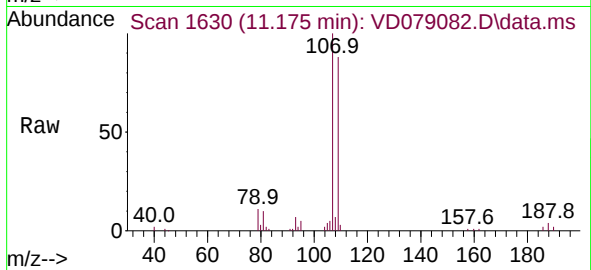
Lab File: VD079082.D

Acq: 29 May 2024 23:26

Instrument :

MSVOA_D

ClientSampleId :



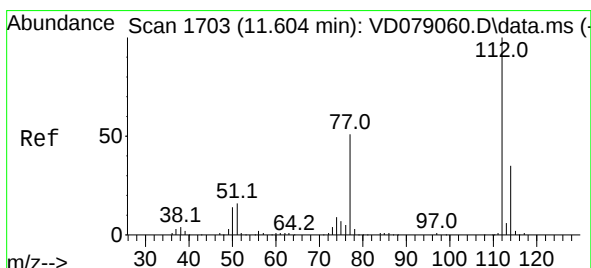
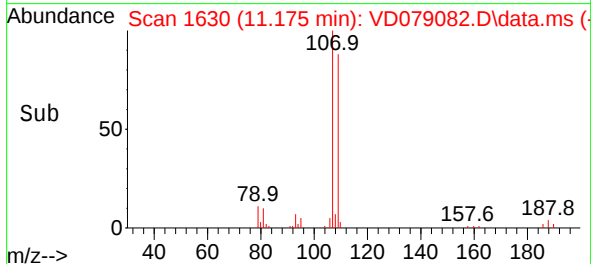
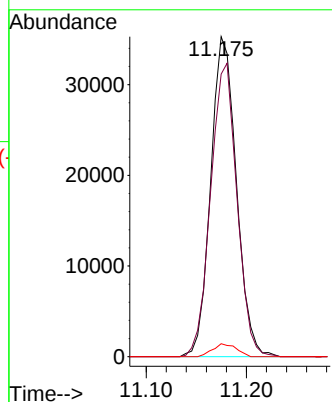
Tgt Ion:107 Resp: 62817

Ion Ratio Lower Upper

107 100

109 88.3 64.5 119.7

188 4.1 2.6 3.8#



#51

Chlorobenzene

Concen: 25.643 ug/L

RT: 11.604 min Scan# 1703

Delta R.T. -0.000 min

Lab File: VD079082.D

Acq: 29 May 2024 23:26

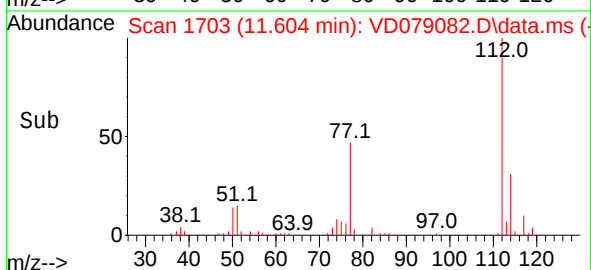
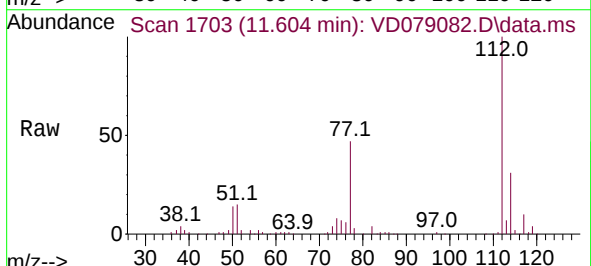
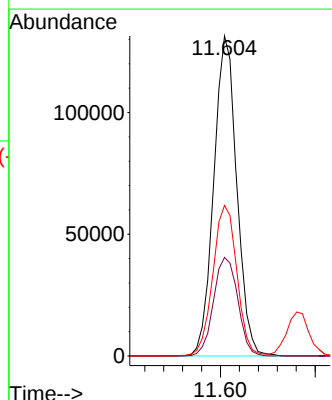
Tgt Ion:112 Resp: 221977

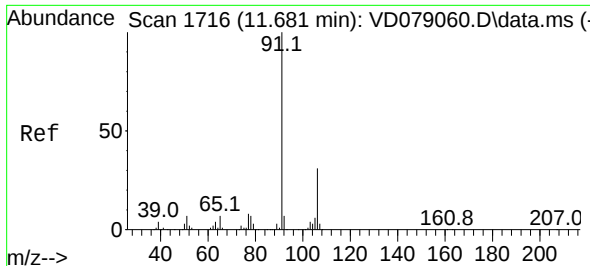
Ion Ratio Lower Upper

112 100

114 30.8 22.7 42.3

77 47.0 38.4 57.6





#52

Ethylbenzene

Concen: 25.741 ug/L

RT: 11.681 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VD079082.D

Acq: 29 May 2024 23:26

Instrument :

MSVOA_D

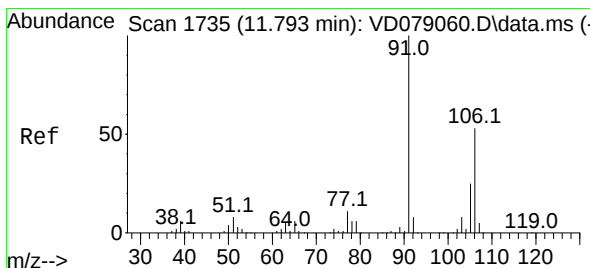
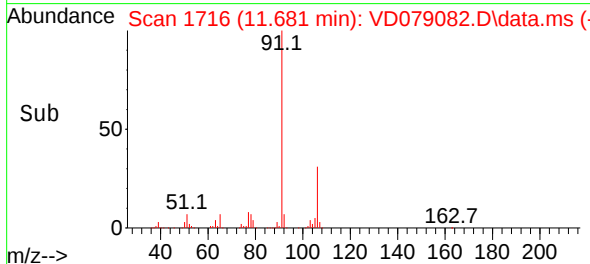
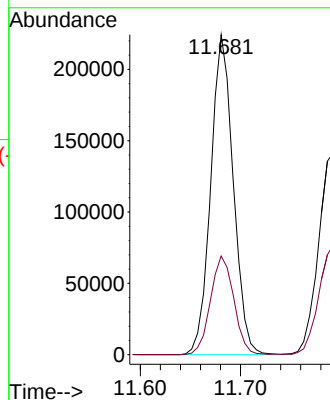
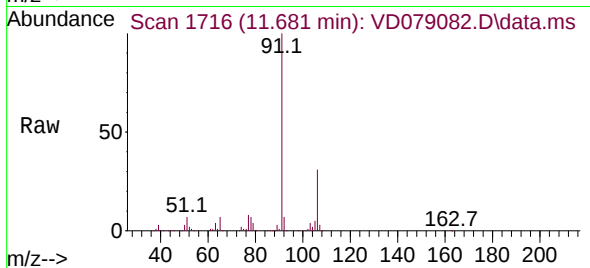
ClientSampleId :

Tgt Ion: 91 Resp: 349322

Ion Ratio Lower Upper

91 100

106 30.8 22.3 41.5



#53

m,p-Xylene

Concen: 25.704 ug/L

RT: 11.792 min Scan# 1735

Delta R.T. -0.000 min

Lab File: VD079082.D

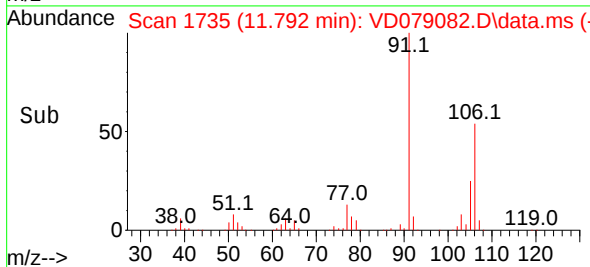
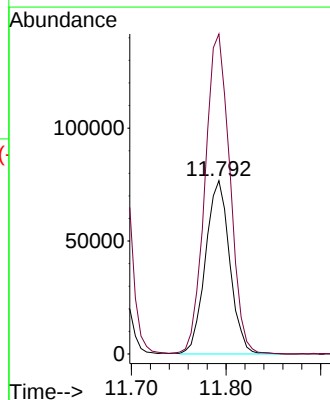
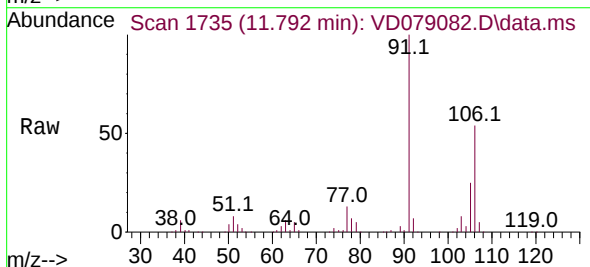
Acq: 29 May 2024 23:26

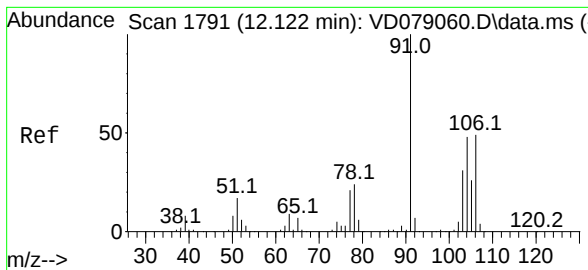
Tgt Ion:106 Resp: 136855

Ion Ratio Lower Upper

106 100

91 184.6 133.1 247.1

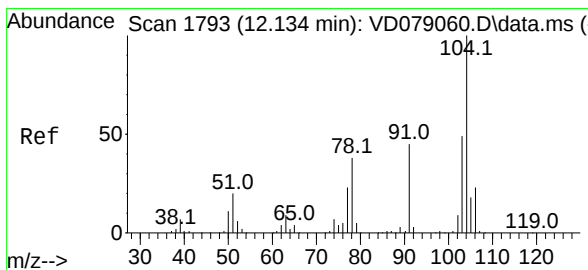
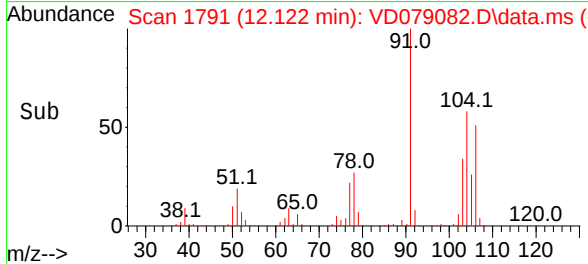
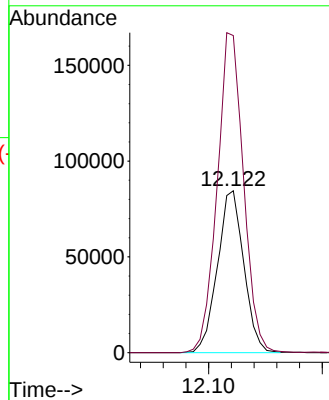
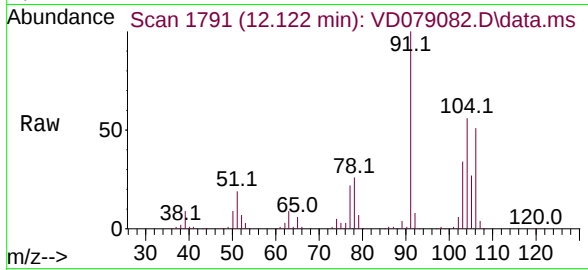




#54
o-Xylene
Concen: 26.510 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD079082.D
Acq: 29 May 2024 23:26

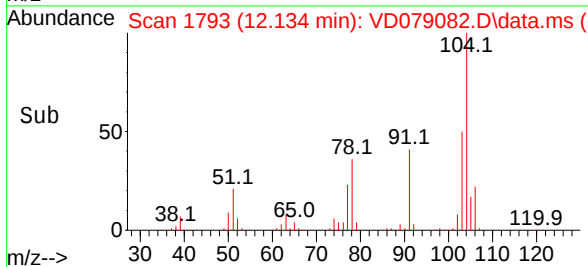
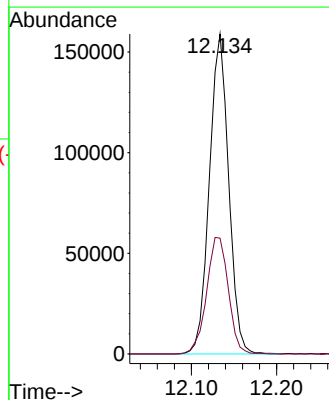
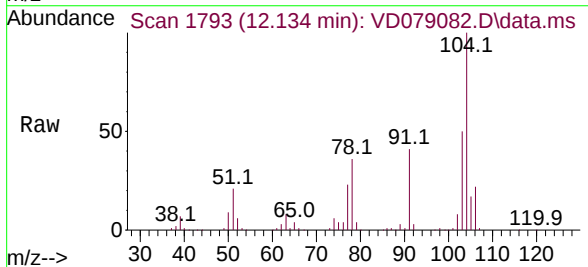
Instrument :
MSVOA_D
ClientSampleId :

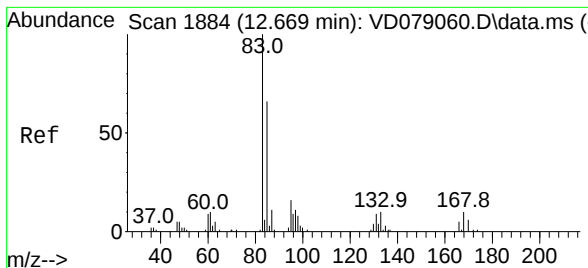
Tgt Ion:106 Resp: 136365
Ion Ratio Lower Upper
106 100
91 195.8 132.9 246.9



#55
Styrene
Concen: 27.410 ug/L
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD079082.D
Acq: 29 May 2024 23:26

Tgt Ion:104 Resp: 250002
Ion Ratio Lower Upper
104 100
78 36.2 27.8 51.6





#57

1,1,2,2-Tetrachloroethane

Concen: 27.625 ug/L

RT: 12.669 min Scan# 1884

Delta R.T. -0.000 min

Lab File: VD079082.D

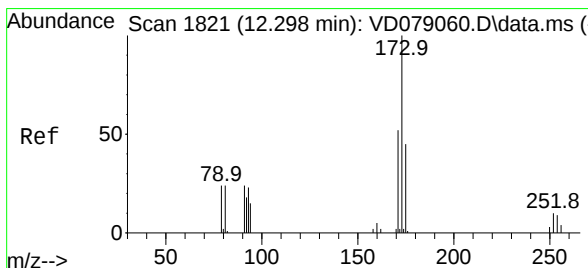
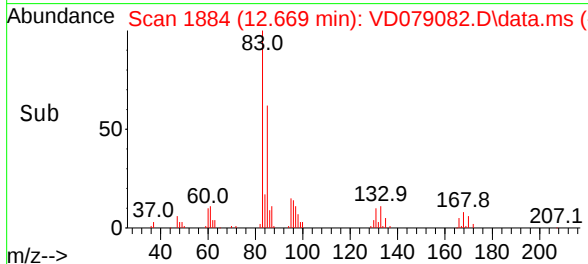
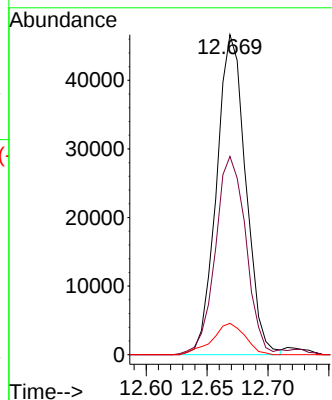
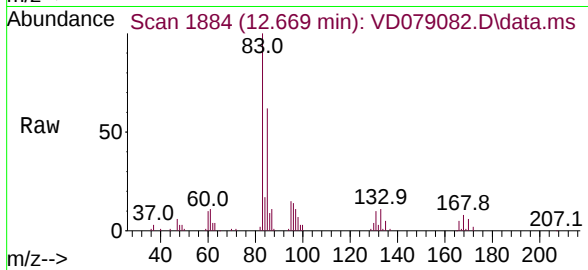
Acq: 29 May 2024 23:26

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	83	Resp:	77853
Ion	Ratio	Lower	Upper
83	100		
85	62.0	47.5	88.1
131	9.8	8.6	13.0



#59

Bromoform

Concen: 25.954 ug/L

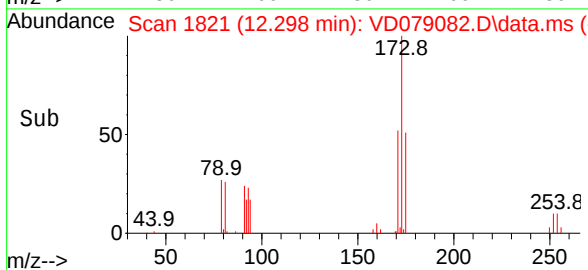
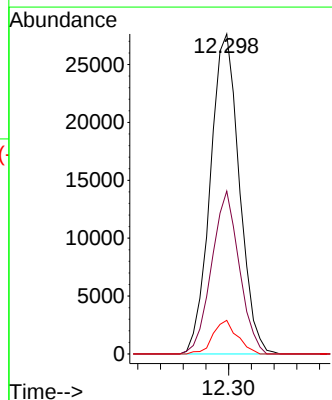
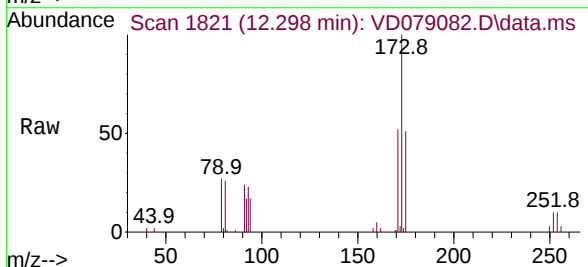
RT: 12.298 min Scan# 1821

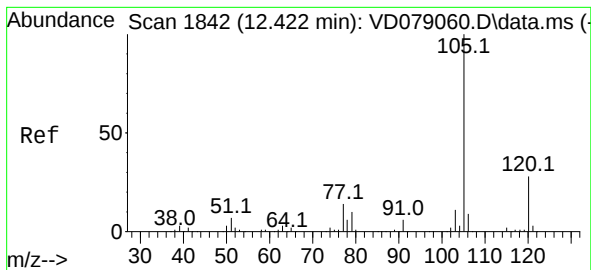
Delta R.T. -0.000 min

Lab File: VD079082.D

Acq: 29 May 2024 23:26

Tgt Ion:	173	Resp:	48980
Ion	Ratio	Lower	Upper
173	100		
175	48.5	38.2	57.4
254	8.8	7.0	10.6





#60

Isopropylbenzene

Concen: 24.669 ug/L

RT: 12.422 min Scan# 1842

Delta R.T. -0.000 min

Lab File: VD079082.D

Acq: 29 May 2024 23:26

Instrument :

MSVOA_D

ClientSampleId :

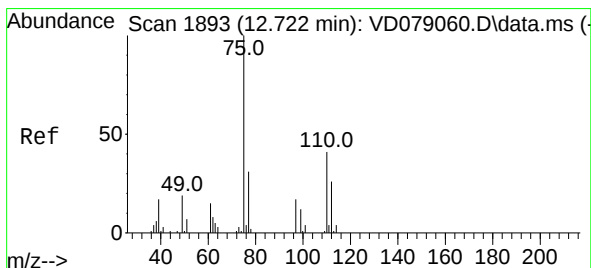
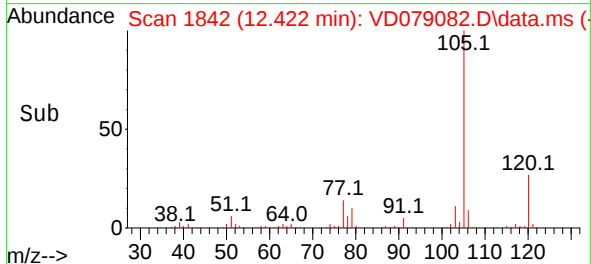
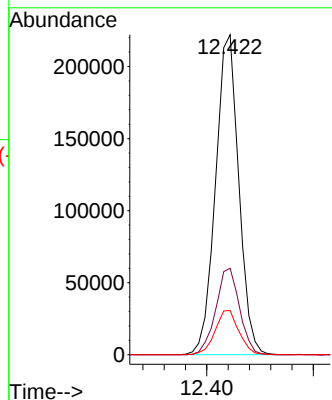
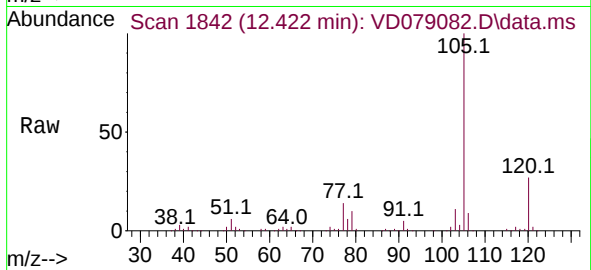
Tgt Ion:105 Resp: 335873

Ion Ratio Lower Upper

105 100

120 27.6 21.9 32.9

77 14.2 10.9 16.3



#61

1,2,3-Trichloropropane

Concen: 27.999 ug/L

RT: 12.722 min Scan# 1893

Delta R.T. -0.000 min

Lab File: VD079082.D

Acq: 29 May 2024 23:26

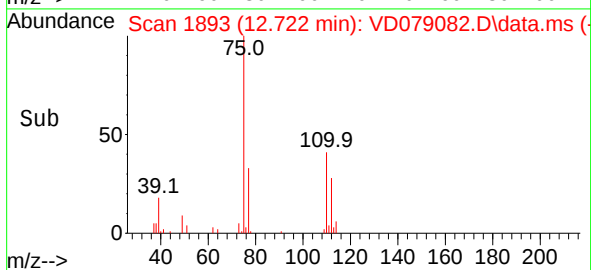
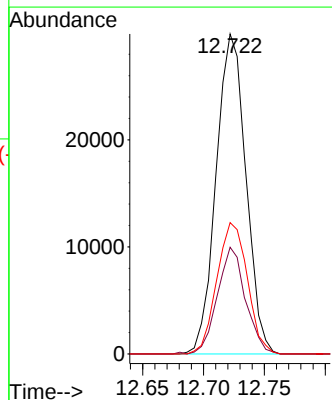
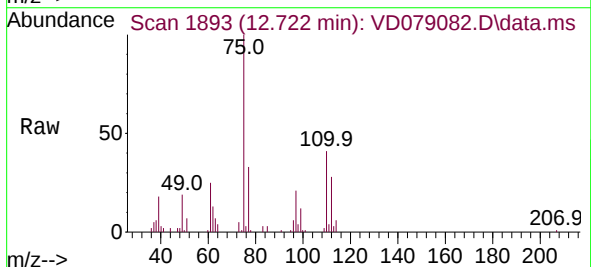
Tgt Ion: 75 Resp: 50900

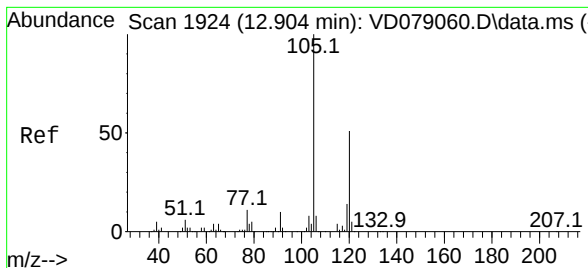
Ion Ratio Lower Upper

75 100

77 31.4 25.9 38.9

110 42.0 34.2 51.4

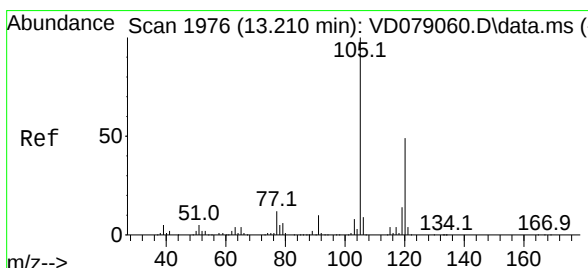
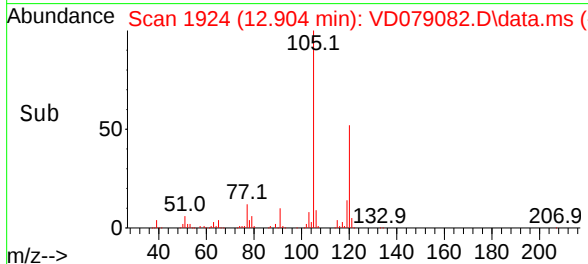
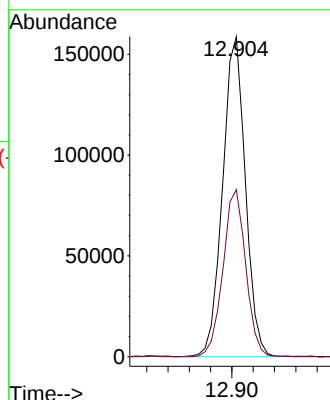
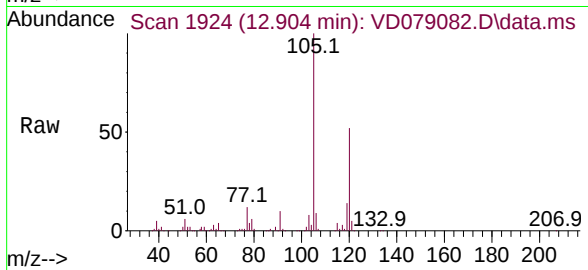




#62
1,3,5-Trimethylbenzene
Concen: 25.251 ug/L
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD079082.D
Acq: 29 May 2024 23:26

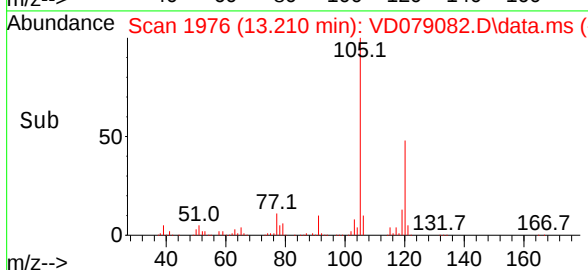
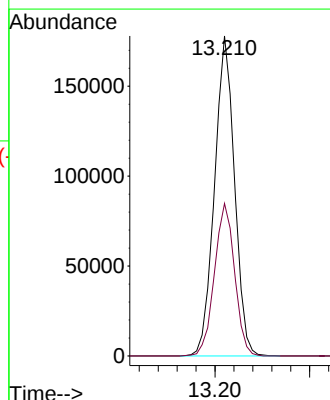
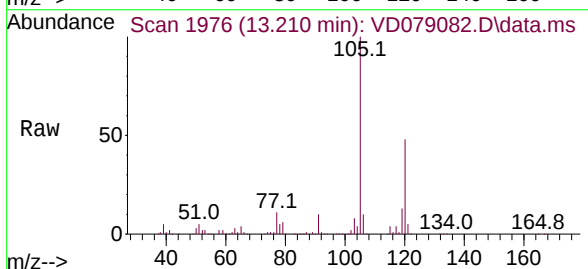
Instrument :
MSVOA_D
ClientSampleId :

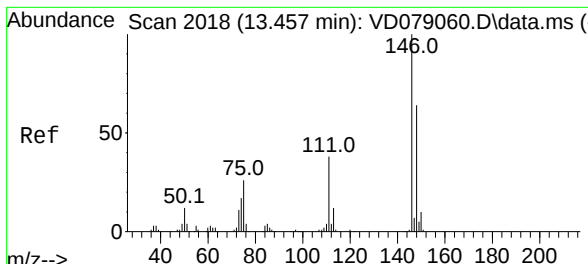
Tgt Ion:105 Resp: 235063
Ion Ratio Lower Upper
105 100
120 52.2 40.7 61.1



#63
1,2,4-Trimethylbenzene
Concen: 26.168 ug/L
RT: 13.210 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VD079082.D
Acq: 29 May 2024 23:26

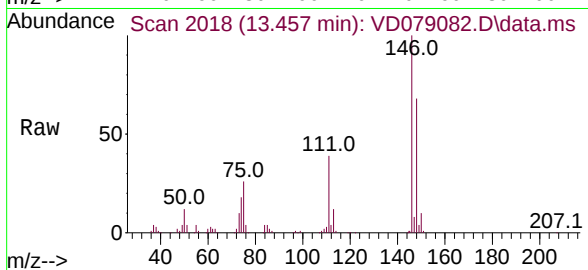
Tgt Ion:105 Resp: 260553
Ion Ratio Lower Upper
105 100
120 48.1 38.0 57.0



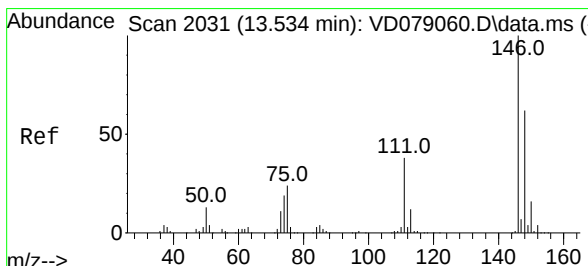
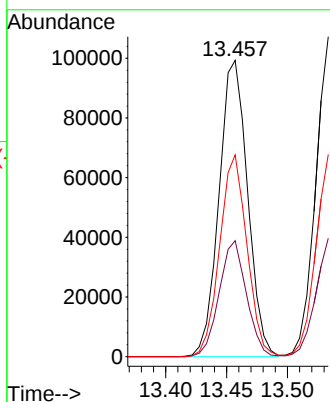
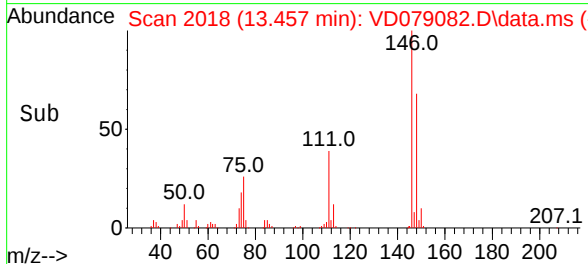


#64
1,3-Dichlorobenzene
Concen: 24.790 ug/L
RT: 13.457 min Scan# 2018
Delta R.T. -0.000 min
Lab File: VD079082.D
Acq: 29 May 2024 23:26

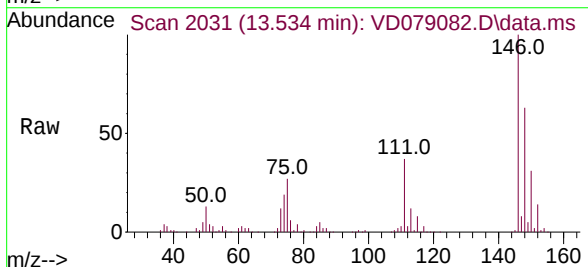
Instrument :
MSVOA_D
ClientSampleId :



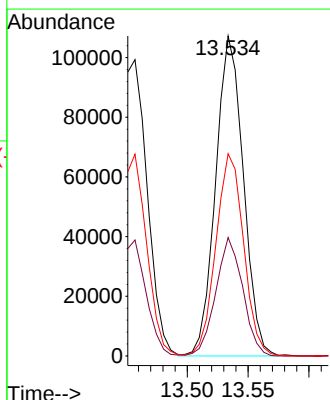
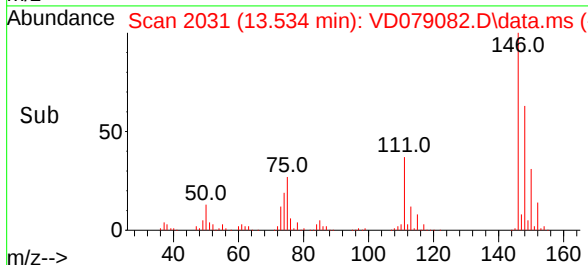
Tgt Ion:146 Resp: 162143
Ion Ratio Lower Upper
146 100
111 39.1 24.4 45.4
148 68.1 44.9 83.3

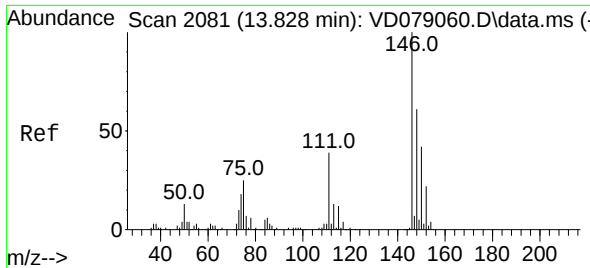


#65
1,4-Dichlorobenzene
Concen: 24.533 ug/L
RT: 13.534 min Scan# 2031
Delta R.T. -0.000 min
Lab File: VD079082.D
Acq: 29 May 2024 23:26



Tgt Ion:146 Resp: 170021
Ion Ratio Lower Upper
146 100
111 37.0 26.3 48.9
148 63.2 43.1 80.1





#67

1,2-Dichlorobenzene

Concen: 25.739 ug/L

RT: 13.828 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VD079082.D

Acq: 29 May 2024 23:26

Instrument :

MSVOA_D

ClientSampleId :

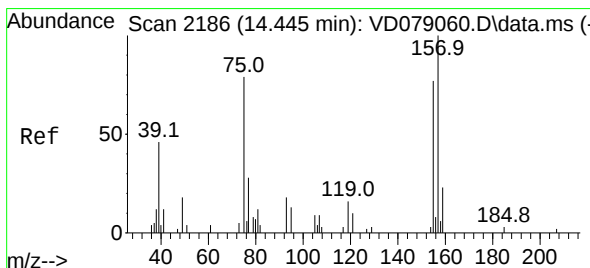
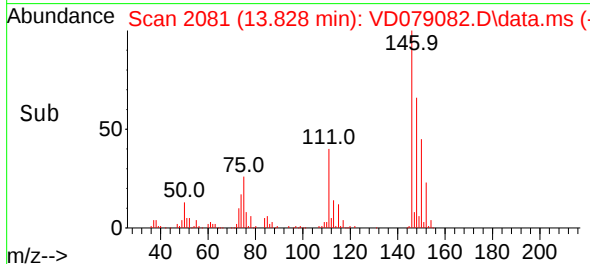
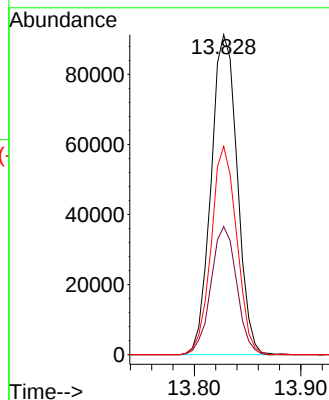
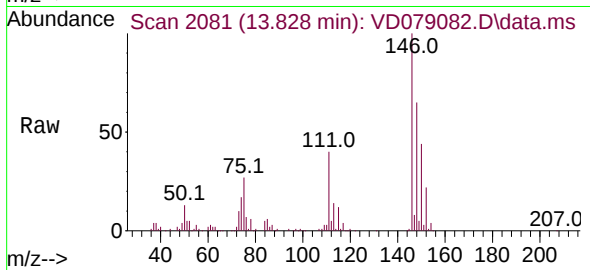
Tgt Ion:146 Resp: 155630

Ion Ratio Lower Upper

146 100

111 40.0 29.1 43.7

148 65.1 51.2 76.8



#68

1,2-Dibromo-3-chloropropane

Concen: 29.411 ug/L

RT: 14.445 min Scan# 2186

Delta R.T. -0.000 min

Lab File: VD079082.D

Acq: 29 May 2024 23:26

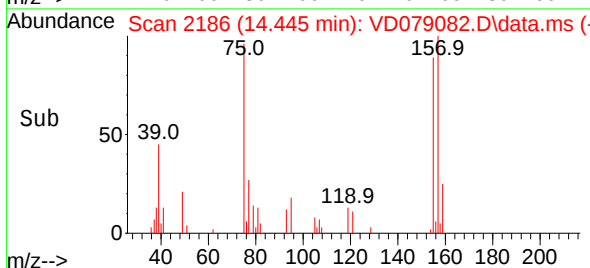
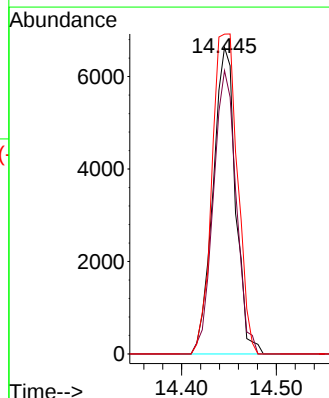
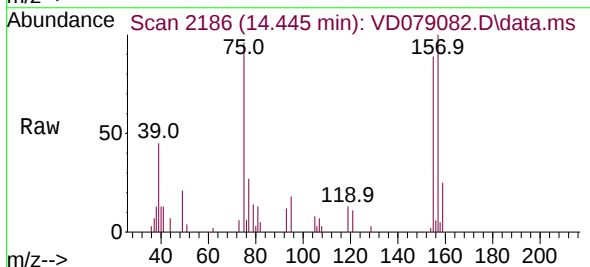
Tgt Ion: 75 Resp: 10991

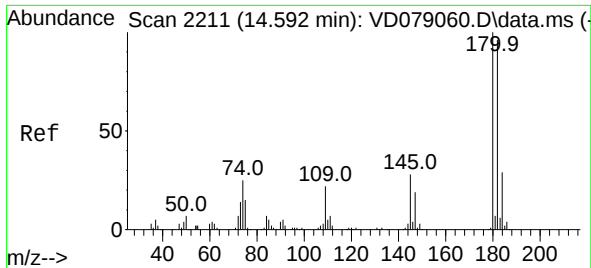
Ion Ratio Lower Upper

75 100

155 92.4 68.1 102.1

157 104.3 91.6 137.4





#69

1,3,5-Trichlorobenzene

Concen: 23.646 ug/L

RT: 14.592 min Scan# 2211

Delta R.T. -0.000 min

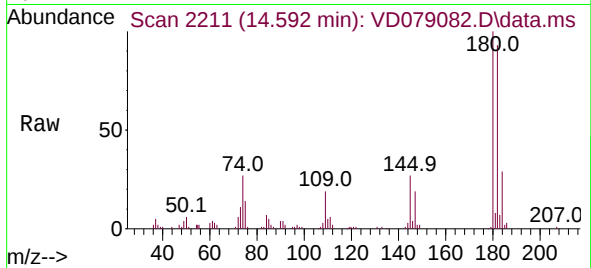
Lab File: VD079082.D

Acq: 29 May 2024 23:26

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:180 Resp: 97545

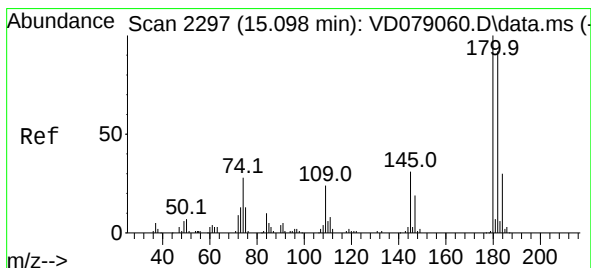
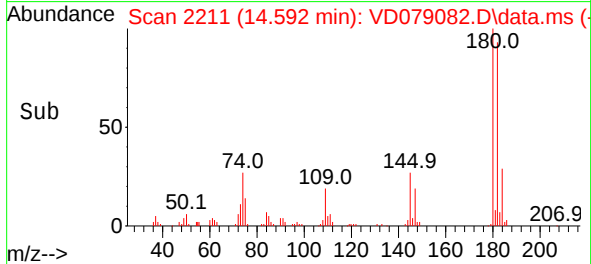
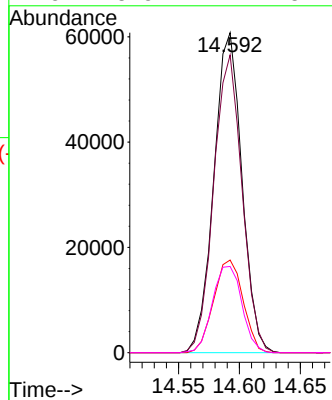
Ion Ratio Lower Upper

180 100

182 93.6 76.9 115.3

184 30.3 23.3 34.9

145 28.5 22.7 34.1



#70

1,2,4-trichlorobenzene

Concen: 23.724 ug/L

RT: 15.098 min Scan# 2297

Delta R.T. -0.000 min

Lab File: VD079082.D

Acq: 29 May 2024 23:26

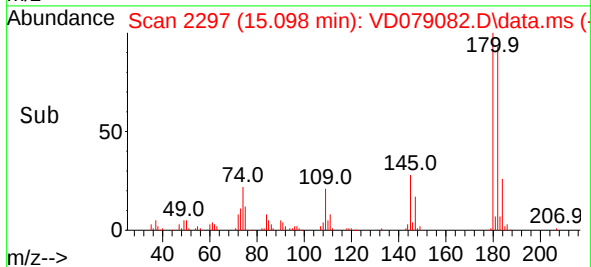
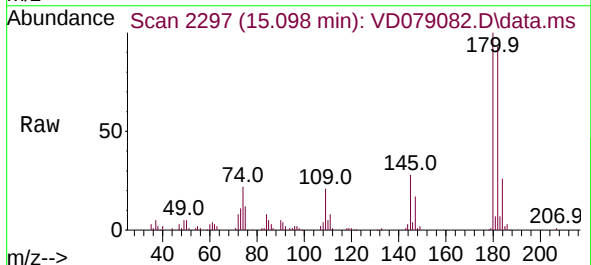
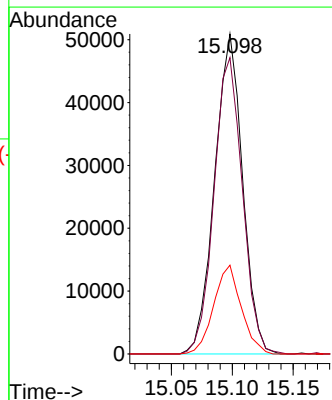
Tgt Ion:180 Resp: 81281

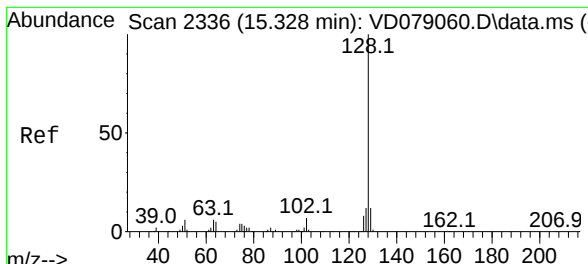
Ion Ratio Lower Upper

180 100

182 94.2 73.8 110.6

145 27.4 22.3 33.5



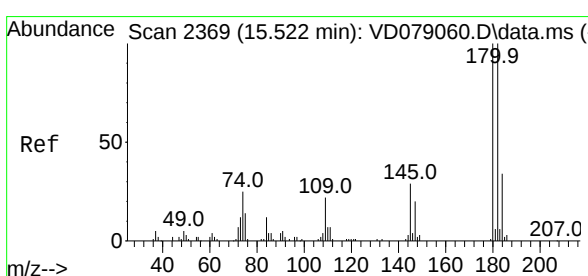
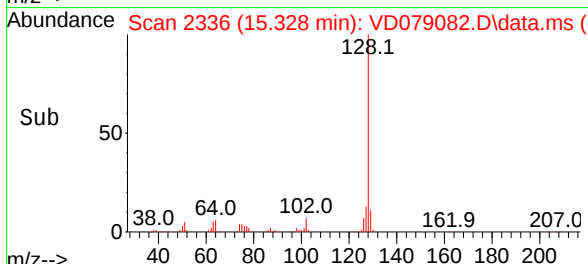
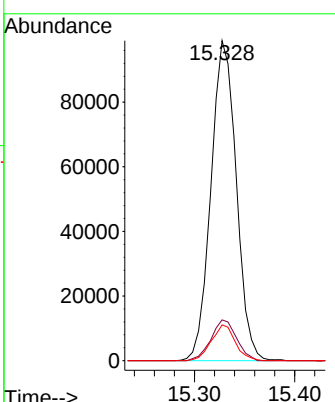
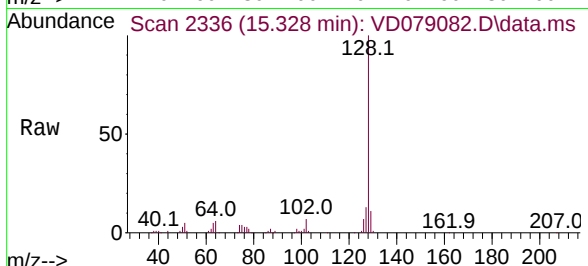


#71
 Naphthalene
 Concen: 27.088 ug/L
 RT: 15.328 min Scan# 2336
 Delta R.T. -0.000 min
 Lab File: VD079082.D
 Acq: 29 May 2024 23:26

Instrument :
 MSVOA_D
 ClientSampleId :

Tgt Ion:128 Resp: 173560

Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.8	16.2
129	10.6	8.5	12.7



#72
 1,2,3-Trichlorobenzene
 Concen: 26.623 ug/L
 RT: 15.516 min Scan# 2368
 Delta R.T. -0.006 min
 Lab File: VD079082.D
 Acq: 29 May 2024 23:26

Tgt Ion:180 Resp: 78833

Ion	Ratio	Lower	Upper
180	100		
182	94.8	79.4	119.2
145	30.4	24.7	37.1

