

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061024\
 Data File : VD079151.D
 Acq On : 10 Jun 2024 09:58
 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 11 02:43:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM052924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jun 05 03:20:33 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	220789	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	217891	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	113106	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	120573	17.746	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.000%
7) Chloroethane-d5	2.805	69	118511	18.039	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.160%
11) 1,1-Dichloroethene-d2	3.922	65	23308	19.324	ug/L	0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	77.280%
21) 2-Butanone-d5	6.987	46	26848	51.663	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.320%
24) Chloroform-d	7.569	84	133578	21.638	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.560%
26) 1,2-Dichloroethane-d4	8.228	65	61968	21.760	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	87.040%
32) Benzene-d6	8.204	84	262332	21.718	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.880%
36) 1,2-Dichloropropane-d6	9.210	67	75671	21.748	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.000%
41) Toluene-d8	10.269	98	246425	21.789	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.160%
43) trans-1,3-Dichloroprop...	10.522	79	33709	23.049	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.200%
47) 2-Hexanone-d5	10.875	63	23582	52.426	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.860%
56) 1,1,2,2-Tetrachloroeth...	12.645	84	72724	23.597	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.400%
66) 1,2-Dichlorobenzene-d4	13.816	152	83546	21.403	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	85.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	64564	18.473	ug/L	99
3) Chloromethane	2.146	50	123634	26.540	ug/L	98
5) Vinyl chloride	2.281	62	168995	21.980	ug/L	96
6) Bromomethane	2.693	94	124225	20.928	ug/L	98
8) Chloroethane	2.840	64	118474	21.023	ug/L	94
9) Trichlorofluoromethane	3.181	101	116859	19.952	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.964	101	75059	21.371	ug/L	98
12) 1,1-Dichloroethene	3.946	96	66865	21.868	ug/L	83
13) Acetone	4.016	43	39574	52.600	ug/L	99
14) Carbon disulfide	4.275	76	229972	21.560	ug/L	99
15) Methyl Acetate	4.558	43	27206	26.540	ug/L	92
16) Methylene chloride	4.805	84	90830	23.088	ug/L	95
17) trans-1,2-Dichloroethene	5.311	96	78796	23.845	ug/L	96
18) Methyl tert-butyl Ether	5.322	73	156573	26.716	ug/L	99
19) 1,1-Dichloroethane	6.110	63	128345	24.124	ug/L	98
20) cis-1,2-Dichloroethene	7.081	96	88072	25.596	ug/L	95
22) 2-Butanone	7.081	43	42640	53.950	ug/L	96
23) Bromochloromethane	7.422	128	43380	24.867	ug/L	91
25) Chloroform	7.593	83	148446	24.575	ug/L	95

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 Quant Title : SFAM01.0
 QLast Update : Wed Jun 05 03:20:33 2024
 Response via : Initial Calibration

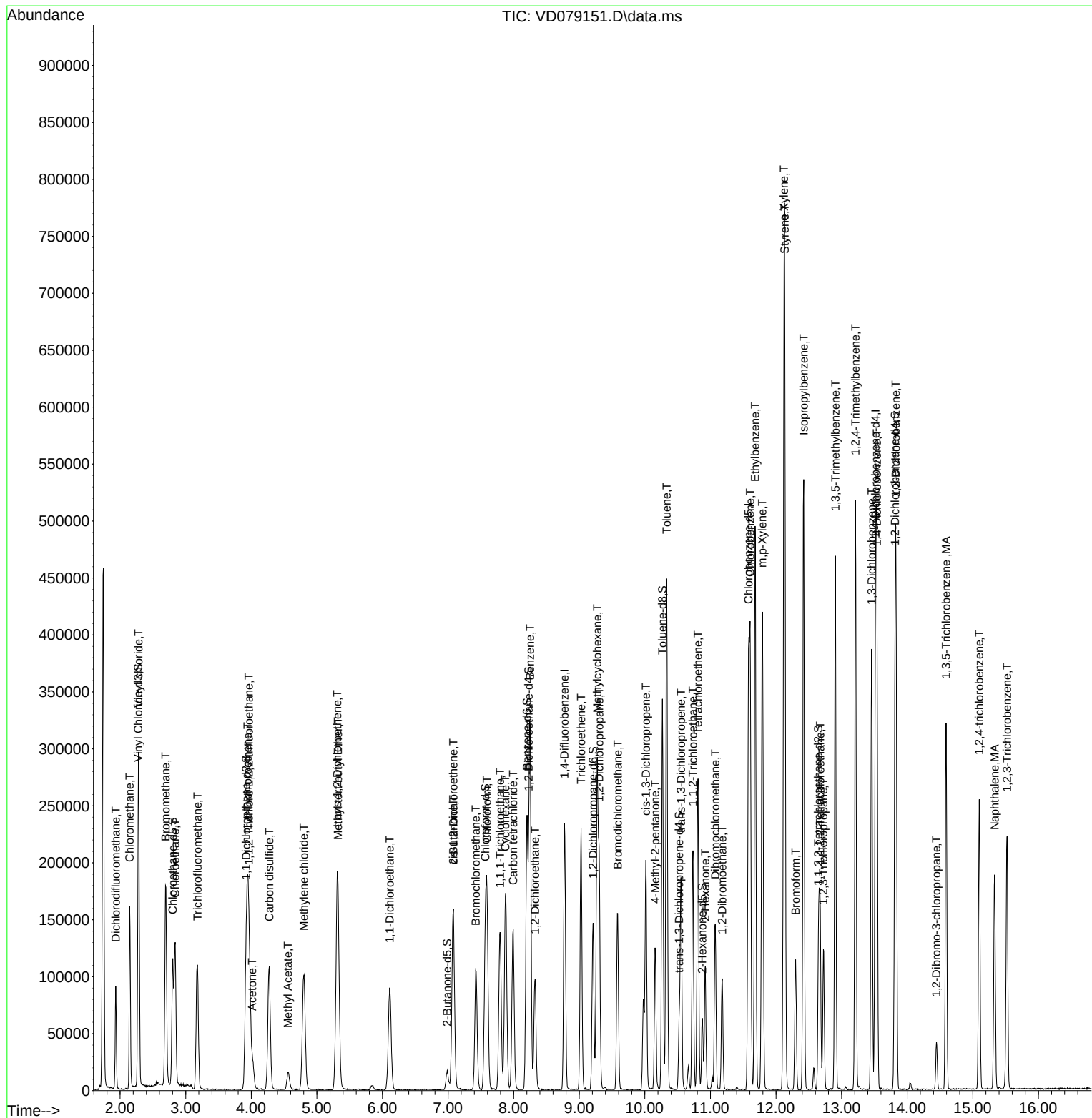
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.328	62	87493	24.952	ug/L	99
29) Cyclohexane	7.875	56	89539	22.776	ug/L	100
30) 1,1,1-Trichloroethane	7.793	97	120764	23.410	ug/L	99
31) Carbon tetrachloride	7.993	117	109700	22.884	ug/L	97
33) Benzene	8.252	78	327719	25.253	ug/L	100
34) Trichloroethene	9.028	95	78934	23.615	ug/L	98
35) Methylcyclohexane	9.275	83	122342	22.090	ug/L	99
37) 1,2-Dichloropropane	9.304	63	81736	25.713	ug/L	99
38) Bromodichloromethane	9.587	83	109158	24.702	ug/L	96
39) cis-1,3-Dichloropropene	10.016	75	125765	25.345	ug/L	96
40) 4-Methyl-2-pentanone	10.157	43	75978	57.257	ug/L	98
42) Toluene	10.334	91	359573	24.952	ug/L	95
44) trans-1,3-Dichloropropene	10.551	75	112157	26.729	ug/L	94
45) 1,1,2-Trichloroethane	10.734	97	70415	25.250	ug/L	97
46) Tetrachloroethene	10.810	164	66174	22.484	ug/L	97
48) 2-Hexanone	10.922	43	61286	53.374	ug/L	95
49) Dibromochloromethane	11.075	129	81903	24.801	ug/L	98
50) 1,2-Dibromoethane	11.181	107	66388	25.903	ug/L	96
51) Chlorobenzene	11.604	112	232511	24.249	ug/L	99
52) Ethylbenzene	11.681	91	372581	24.787	ug/L	99
53) m,p-Xylene	11.793	106	148614	25.199	ug/L	97
54) o-Xylene	12.122	106	143382	25.164	ug/L	94
55) Styrene	12.134	104	259332	25.669	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.675	83	79832	25.574	ug/L	92
59) Bromoform	12.298	173	51095	24.648	ug/L	96
60) Isopropylbenzene	12.422	105	360516	24.106	ug/L	99
61) 1,2,3-Trichloropropane	12.722	75	52366	26.224	ug/L	98
62) 1,3,5-Trimethylbenzene	12.904	105	252409	24.684	ug/L	99
63) 1,2,4-Trimethylbenzene	13.210	105	274428	25.092	ug/L	99
64) 1,3-Dichlorobenzene	13.457	146	173151	24.100	ug/L	96
65) 1,4-Dichlorobenzene	13.540	146	181563	23.850	ug/L	95
67) 1,2-Dichlorobenzene	13.828	146	158705	23.895	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.445	75	10220	24.896	ug/L #	82
69) 1,3,5-Trichlorobenzene	14.592	180	103921	22.934	ug/L	99
70) 1,2,4-trichlorobenzene	15.098	180	86863	23.081	ug/L	99
71) Naphthalene	15.334	128	169707	24.112	ug/L	99
72) 1,2,3-Trichlorobenzene	15.522	180	81247	24.979	ug/L	96

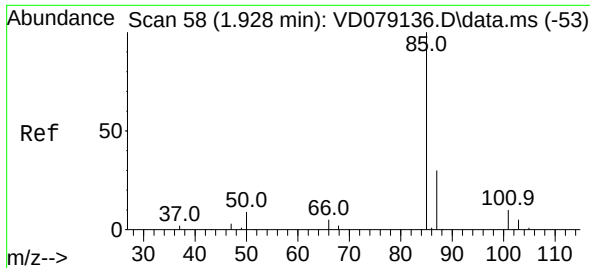
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jun 05 03:20:33 2024
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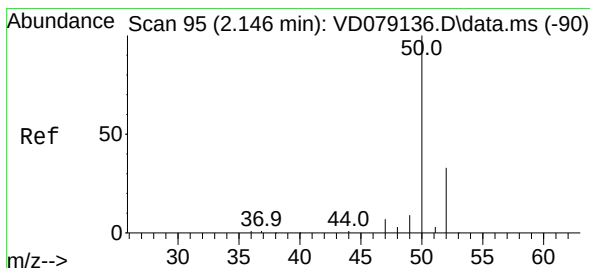
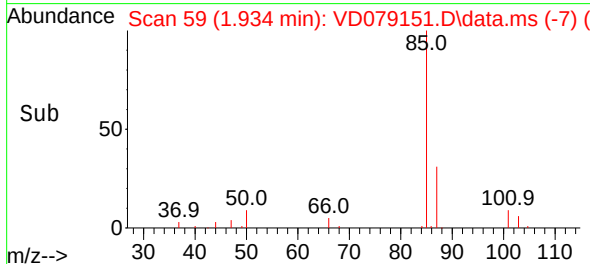
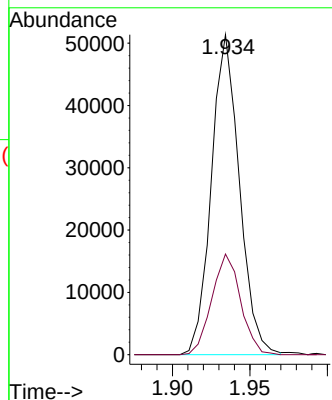
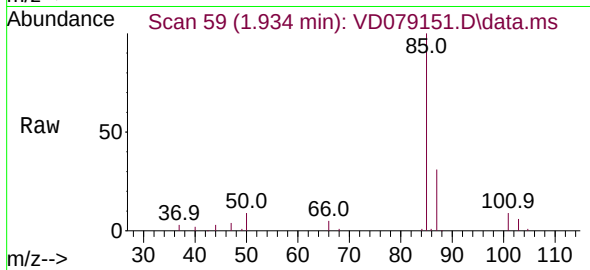




#2
 Dichlorodifluoromethane
 Concen: 18.473 ug/L
 RT: 1.934 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VD079151.D
 Acq: 10 Jun 2024 09:58

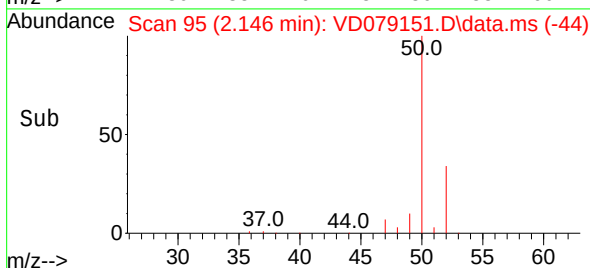
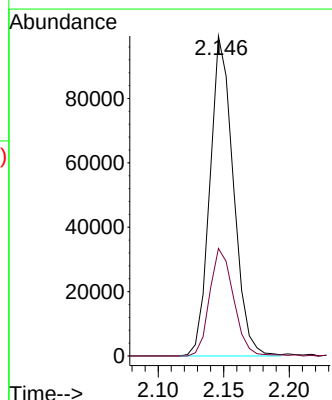
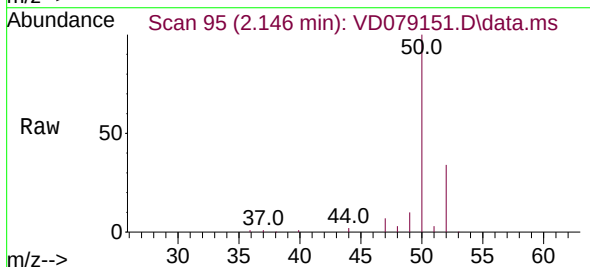
Instrument :
 MSVOA_D
 ClientSampleId :

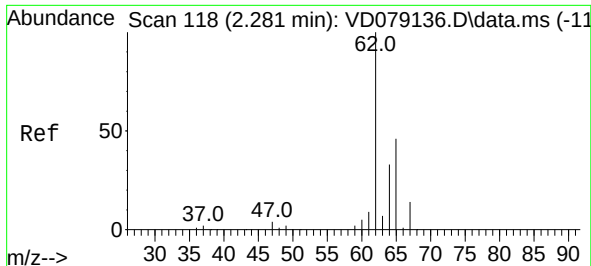
Tgt Ion: 85 Resp: 64564
 Ion Ratio Lower Upper
 85 100
 87 32.2 26.2 39.4



#3
 Chloromethane
 Concen: 26.540 ug/L
 RT: 2.146 min Scan# 95
 Delta R.T. 0.000 min
 Lab File: VD079151.D
 Acq: 10 Jun 2024 09:58

Tgt Ion: 50 Resp: 123634
 Ion Ratio Lower Upper
 50 100
 52 33.6 24.4 45.2

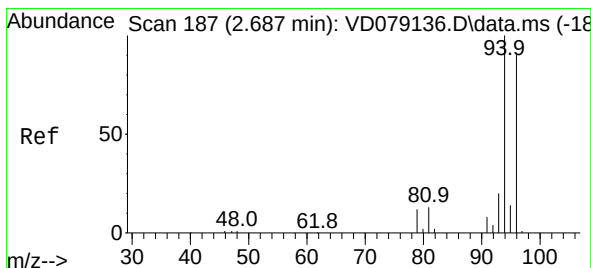
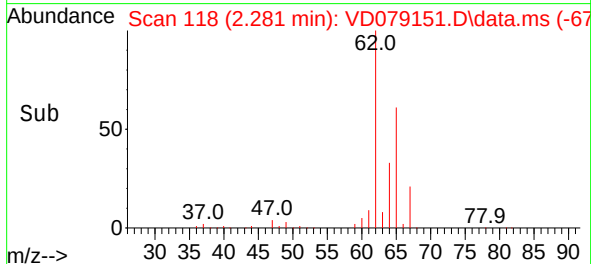
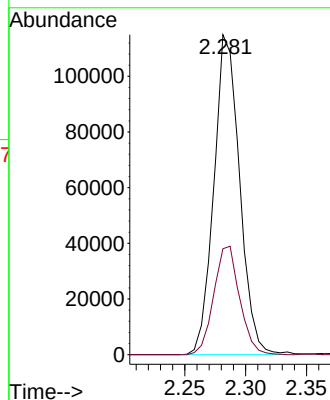
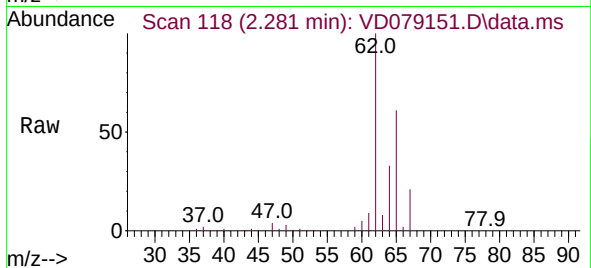




#5
 Vinyl chloride
 Concen: 21.980 ug/L
 RT: 2.281 min Scan# 118
 Delta R.T. 0.000 min
 Lab File: VD079151.D
 Acq: 10 Jun 2024 09:58

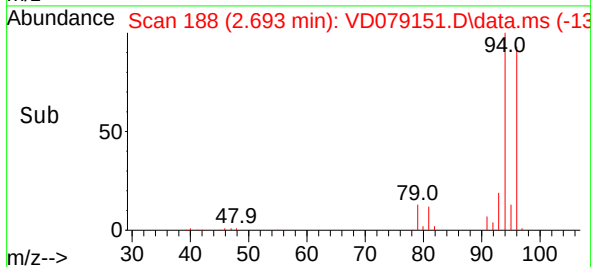
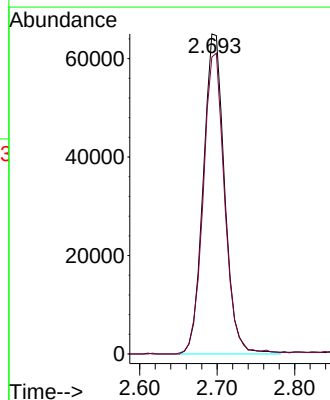
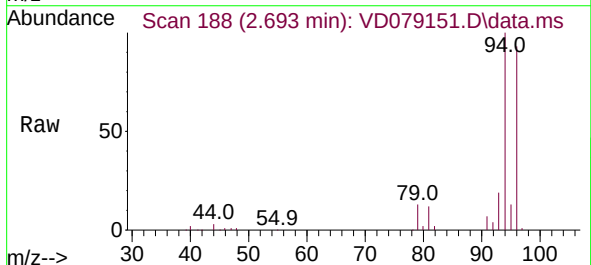
Instrument :
 MSVOA_D
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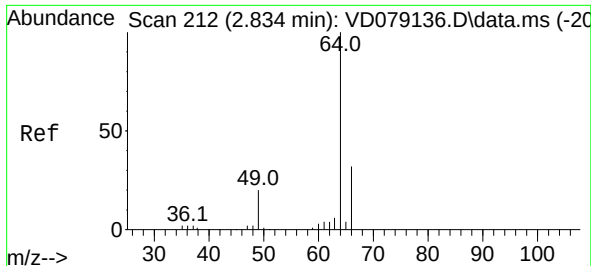
Tgt Ion: 62 Resp: 168995
 Ion Ratio Lower Upper
 62 100
 64 33.1 24.8 46.1



#6
 Bromomethane
 Concen: 20.928 ug/L
 RT: 2.693 min Scan# 188
 Delta R.T. 0.006 min
 Lab File: VD079151.D
 Acq: 10 Jun 2024 09:58

Tgt Ion: 94 Resp: 124225
 Ion Ratio Lower Upper
 94 100
 96 92.8 63.6 118.2

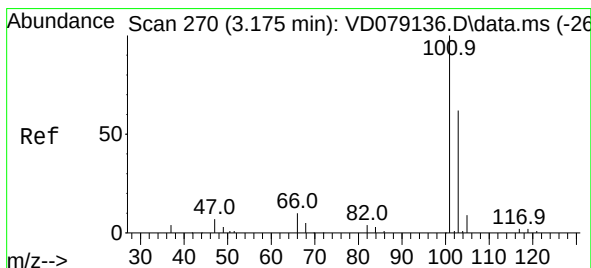
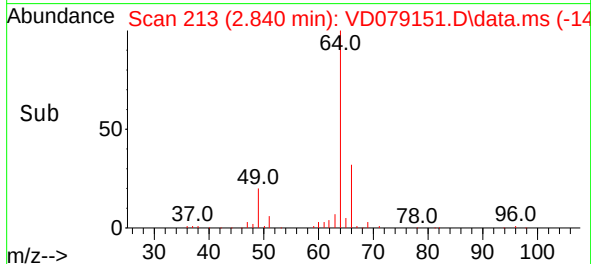
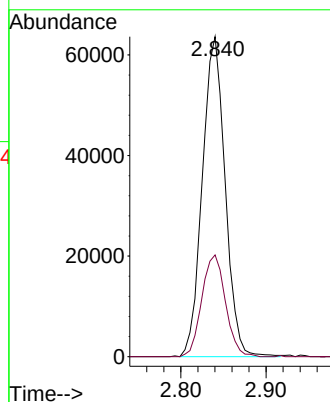
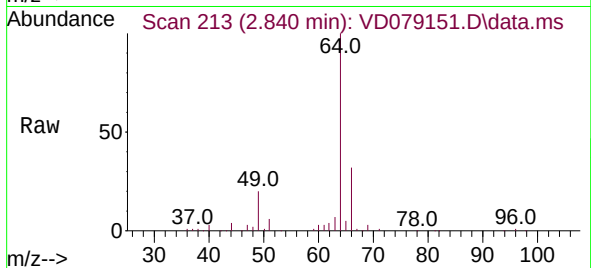




#8
Chloroethane
Concen: 21.023 ug/L
RT: 2.840 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD079151.D
Acq: 10 Jun 2024 09:58

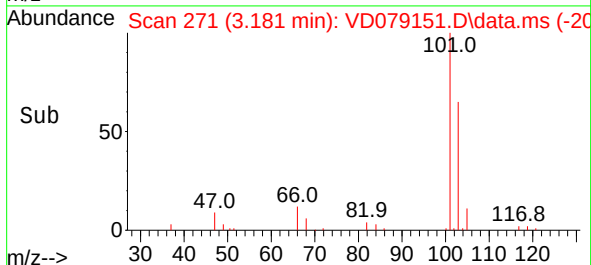
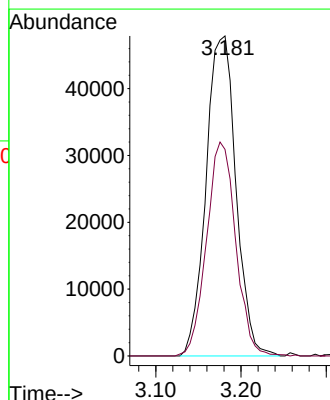
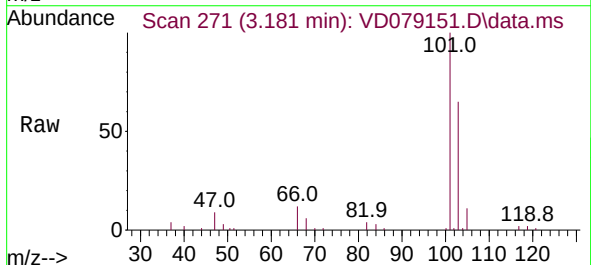
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MSVOA_D
ClientSampleId :

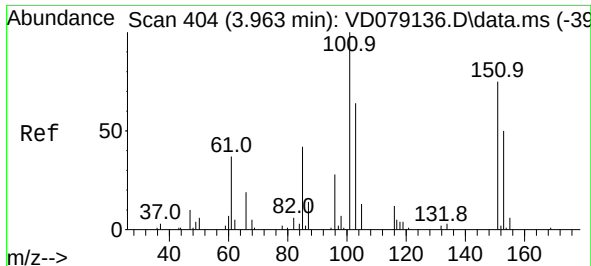
Tgt Ion: 64 Resp: 118474
Ion Ratio Lower Upper
64 100
66 31.8 24.8 46.1



#9
Trichlorofluoromethane
Concen: 19.952 ug/L
RT: 3.181 min Scan# 271
Delta R.T. 0.006 min
Lab File: VD079151.D
Acq: 10 Jun 2024 09:58

Tgt Ion:101 Resp: 116859
Ion Ratio Lower Upper
101 100
103 65.2 52.6 79.0





#10

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

Concen: 21.371 ug/L

RT: 3.964 min Scan# 401

Delta R.T. 0.000 min

Lab File: VD079151.D

Acq: 10 Jun 2024 09:58

Instrument :

MSVOA_D

ClientSampleId :

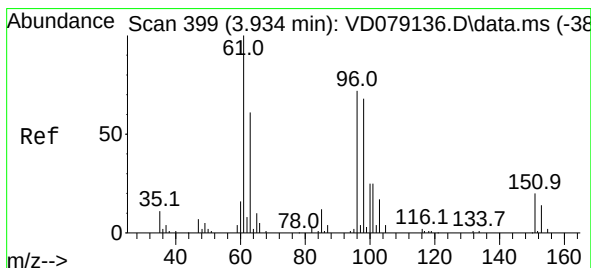
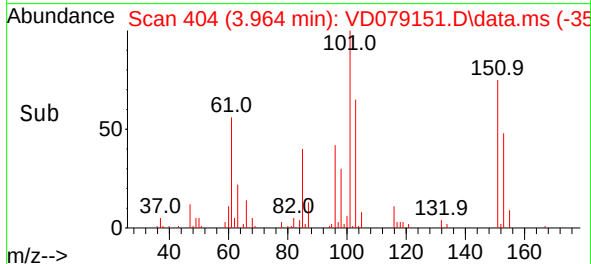
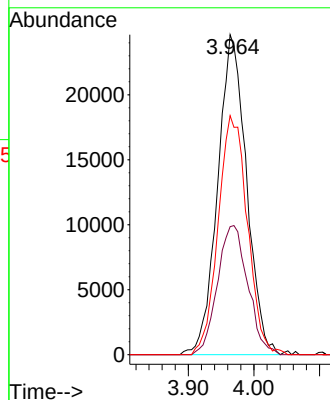
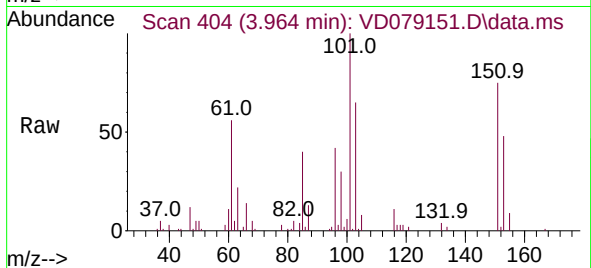
Tgt Ion:101 Resp: 75059

Ion Ratio Lower Upper

101 100

85 42.5 35.4 53.0

151 75.5 59.1 88.7



#12

1,1-Dichloroethene

Concen: 21.868 ug/L

RT: 3.946 min Scan# 401

Delta R.T. 0.012 min

Lab File: VD079151.D

Acq: 10 Jun 2024 09:58

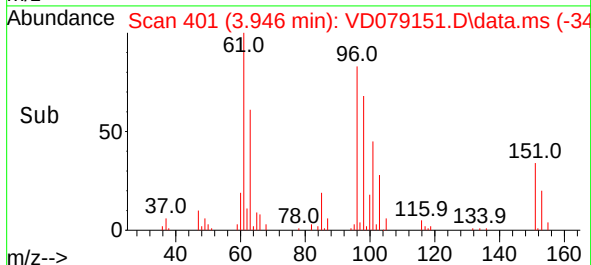
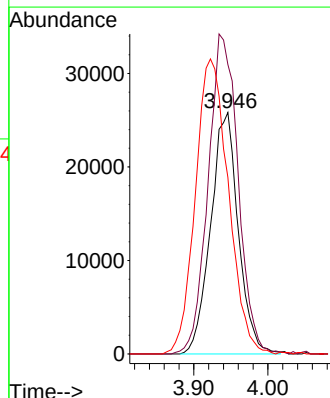
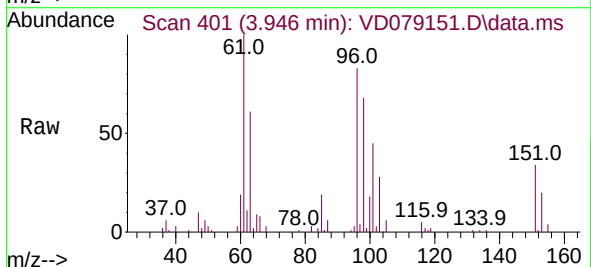
Tgt Ion: 96 Resp: 66865

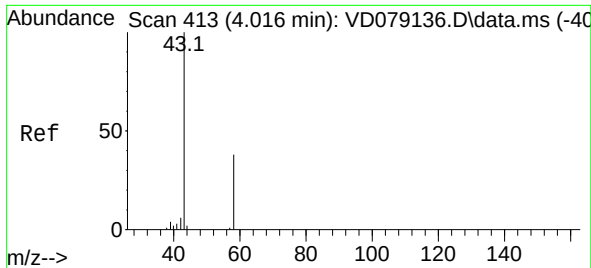
Ion Ratio Lower Upper

96 100

61 119.9 93.9 174.3

63 73.2 67.7 125.7





#13

Acetone

Concen: 52.600 ug/L

RT: 4.016 min Scan# 41

Delta R.T. 0.000 min

Lab File: VD079151.D

Acq: 10 Jun 2024 09:58

Instrument :

MSVOA_D

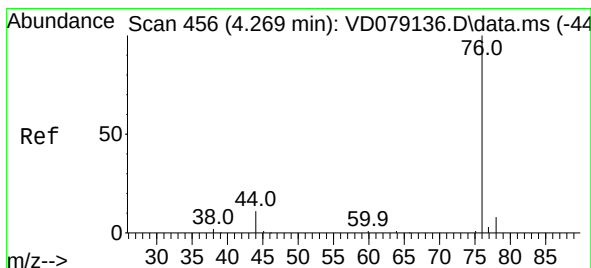
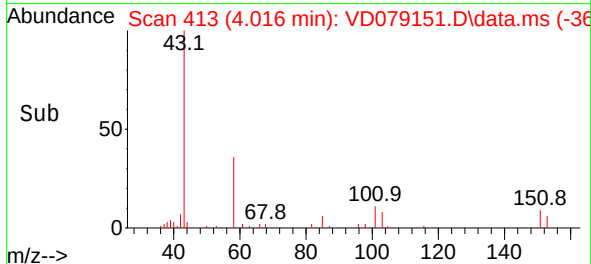
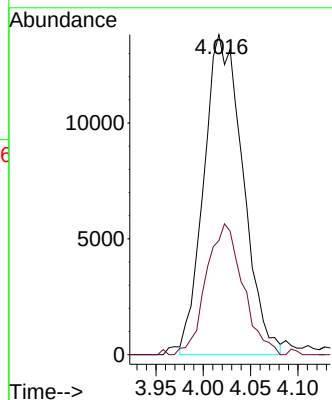
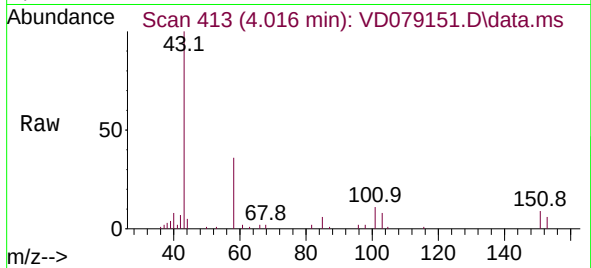
ClientSampleId :

Tgt Ion: 43 Resp: 39574

Ion Ratio Lower Upper

43 100

58 38.4 0.0 78.2



#14

Carbon disulfide

Concen: 21.560 ug/L

RT: 4.275 min Scan# 457

Delta R.T. 0.006 min

Lab File: VD079151.D

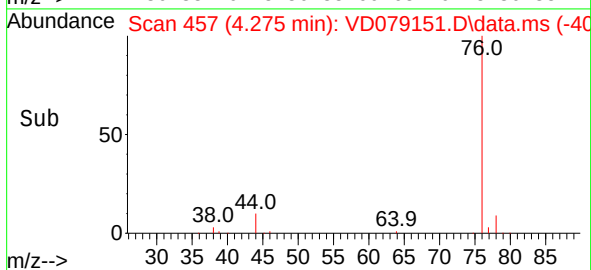
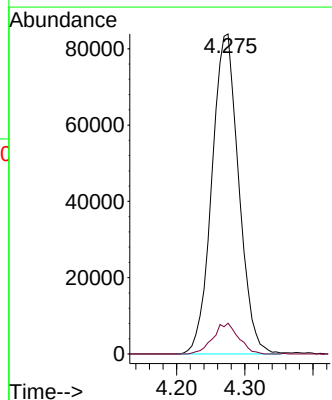
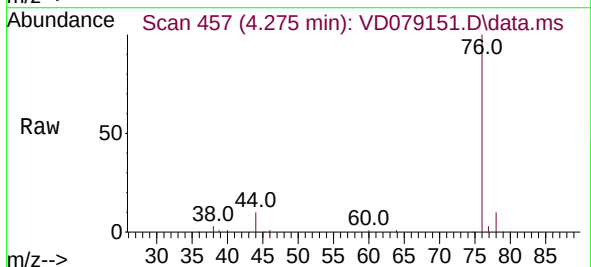
Acq: 10 Jun 2024 09:58

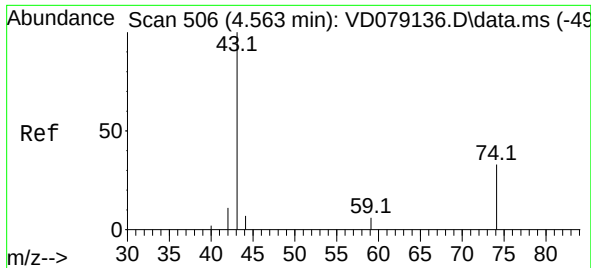
Tgt Ion: 76 Resp: 229972

Ion Ratio Lower Upper

76 100

78 9.6 7.5 11.3

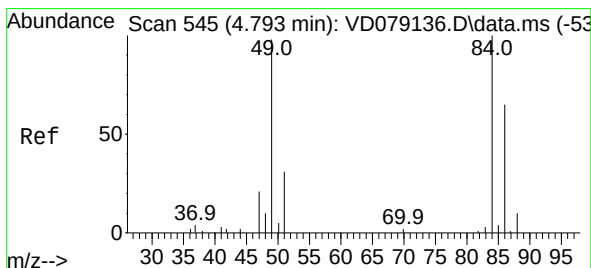
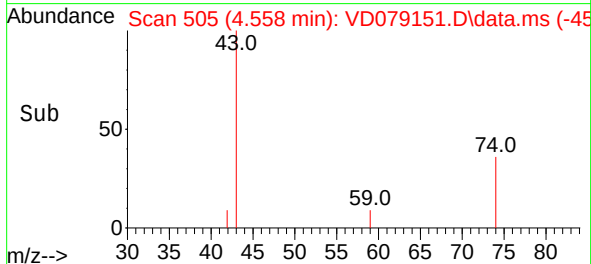
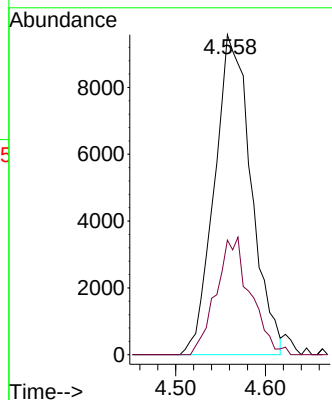
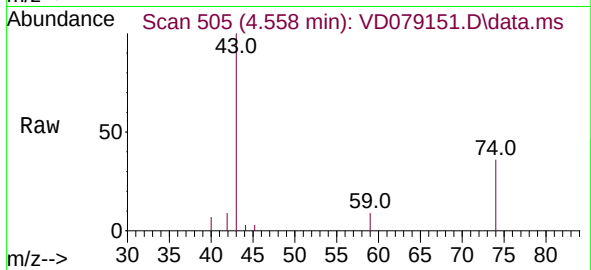




#15
Methyl Acetate
Concen: 26.540 ug/L
RT: 4.558 min Scan# 506
Delta R.T. -0.006 min
Lab File: VD079151.D
Acq: 10 Jun 2024 09:58

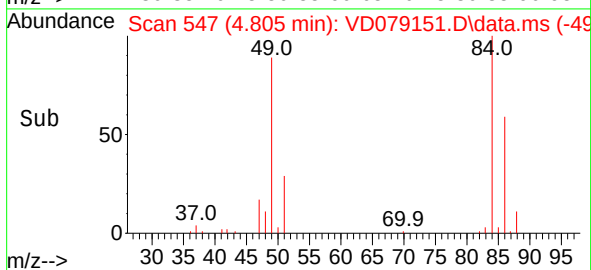
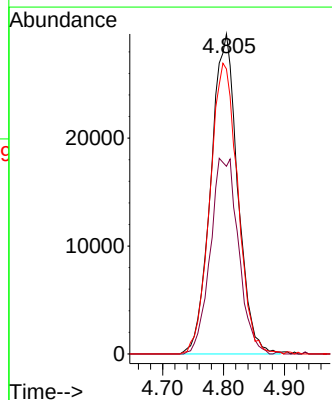
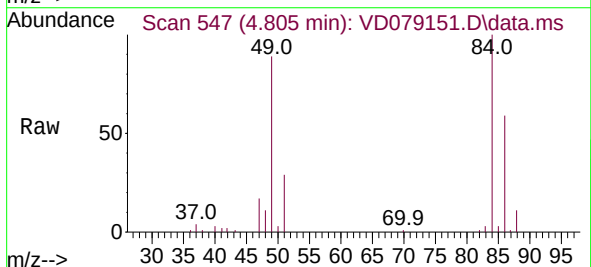
Instrument :
MSVOA_D
ClientSampleId :

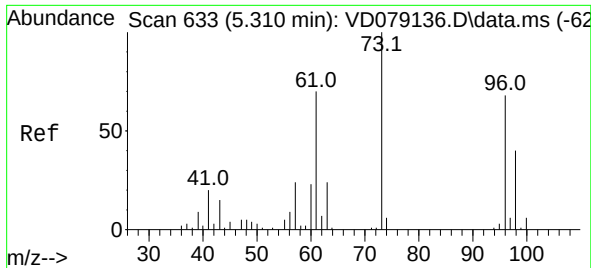
Tgt Ion: 43 Resp: 27206
Ion Ratio Lower Upper
43 100
74 33.9 23.8 35.6



#16
Methylene chloride
Concen: 23.088 ug/L
RT: 4.805 min Scan# 547
Delta R.T. 0.012 min
Lab File: VD079151.D
Acq: 10 Jun 2024 09:58

Tgt Ion: 84 Resp: 90830
Ion Ratio Lower Upper
84 100
86 58.6 40.9 76.0
49 89.0 67.5 125.3





#17

trans-1,2-Dichloroethene

Concen: 23.845 ug/L

RT: 5.311 min Scan# 61

Delta R.T. 0.000 min

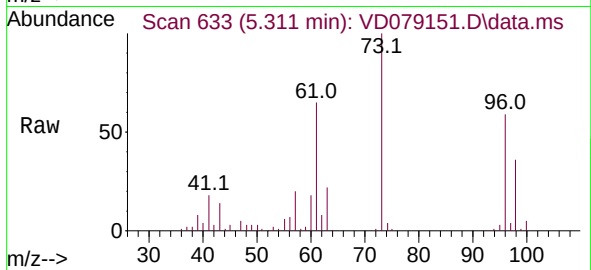
Lab File: VD079151.D

Acq: 10 Jun 2024 09:58

Instrument :

MSVOA_D

ClientSampleId :



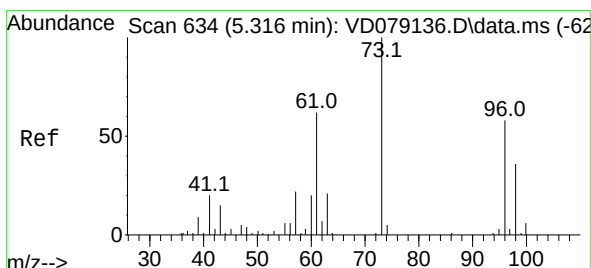
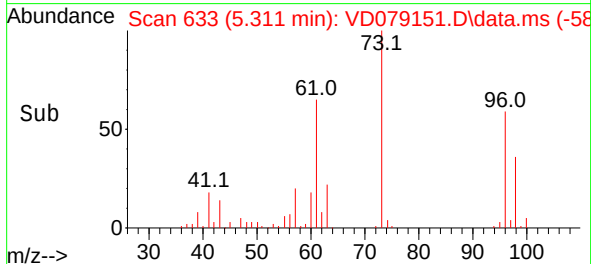
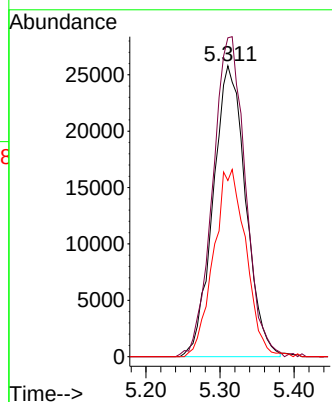
Tgt Ion: 96 Resp: 78796

Ion Ratio Lower Upper

96 100

61 109.6 71.9 133.5

98 60.6 42.6 79.2



#18

Methyl tert-butyl Ether

Concen: 26.716 ug/L

RT: 5.322 min Scan# 635

Delta R.T. 0.006 min

Lab File: VD079151.D

Acq: 10 Jun 2024 09:58

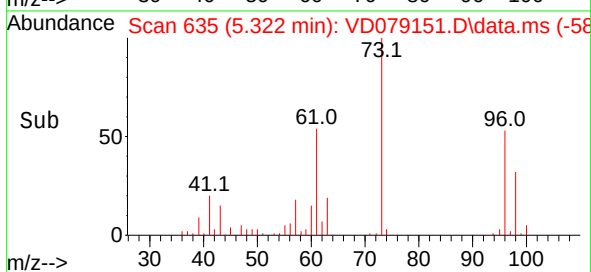
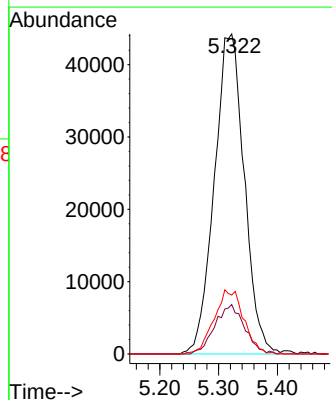
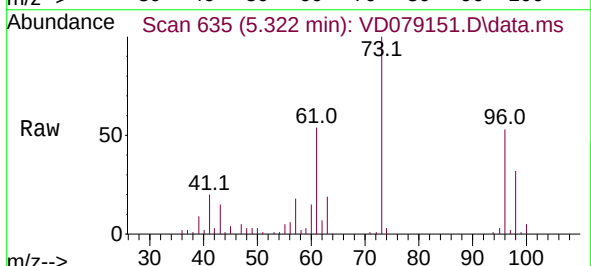
Tgt Ion: 73 Resp: 156573

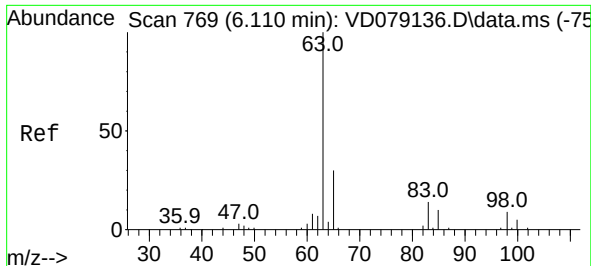
Ion Ratio Lower Upper

73 100

43 15.1 12.0 18.0

57 12.3 9.6 14.4

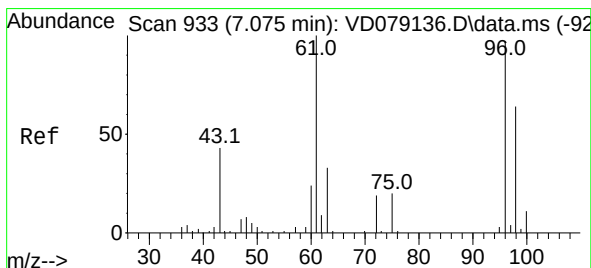
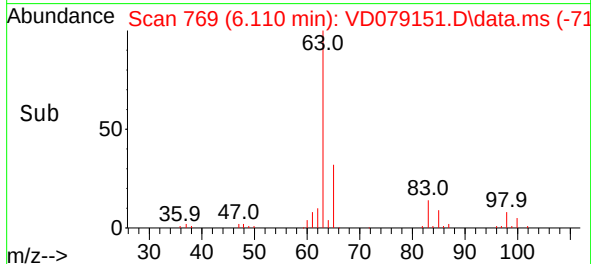
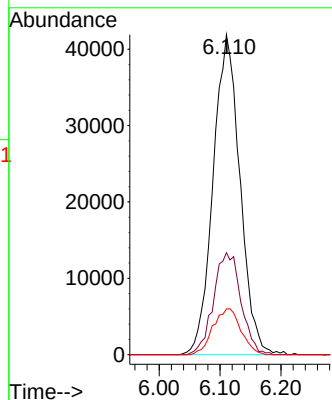
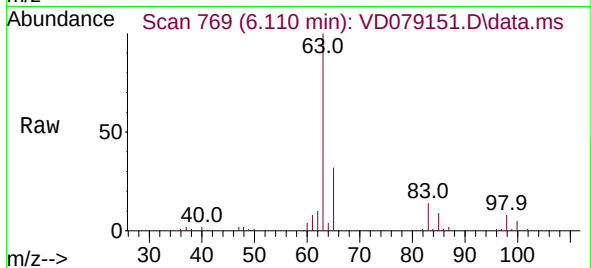




#19
1,1-Dichloroethane
Concen: 24.124 ug/L
RT: 6.110 min Scan# 769
Delta R.T. 0.000 min
Lab File: VD079151.D
Acq: 10 Jun 2024 09:58

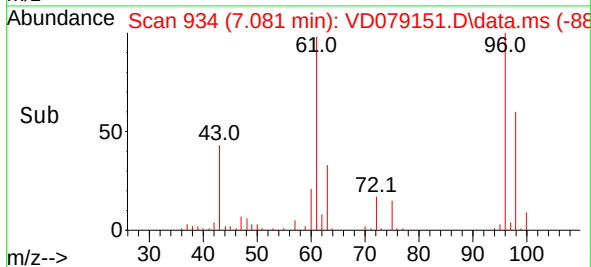
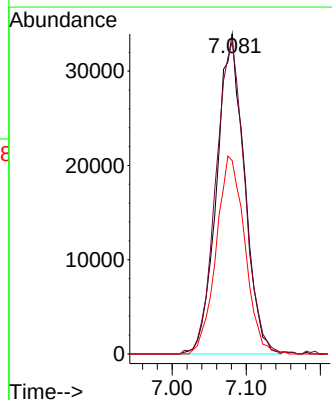
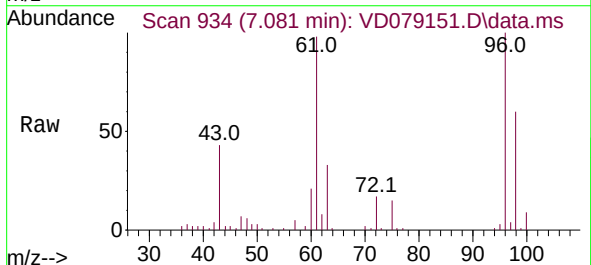
Instrument :
MSVOA_D
ClientSampleId :

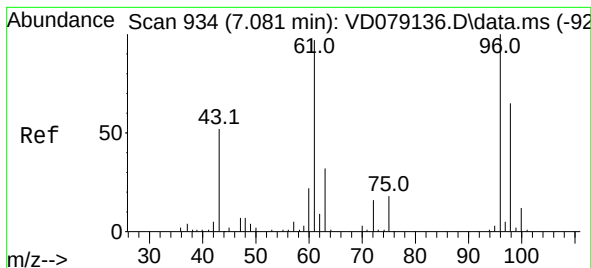
Tgt Ion: 63 Resp: 128345
Ion Ratio Lower Upper
63 100
65 31.9 22.8 42.4
83 14.3 8.6 16.0



#20
cis-1,2-Dichloroethene
Concen: 25.596 ug/L
RT: 7.081 min Scan# 934
Delta R.T. 0.006 min
Lab File: VD079151.D
Acq: 10 Jun 2024 09:58

Tgt Ion: 96 Resp: 88072
Ion Ratio Lower Upper
96 100
61 97.5 72.6 134.8
98 60.4 43.8 81.3





#22

2-Butanone

Concen: 53.950 ug/L

RT: 7.081 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD079151.D

Acq: 10 Jun 2024 09:58

Instrument :

MSVOA_D

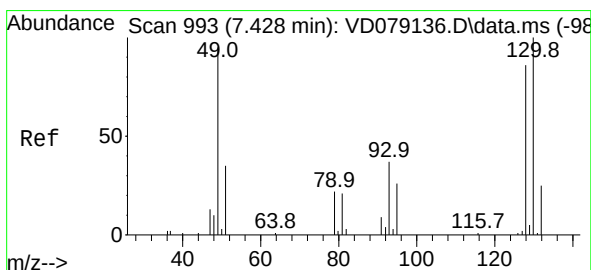
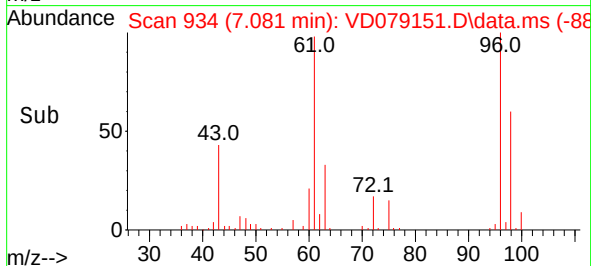
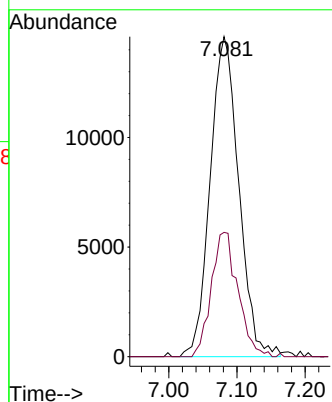
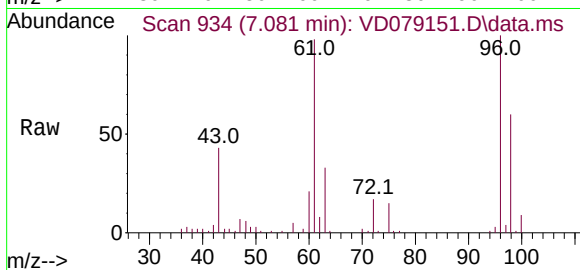
ClientSampleId :

Tgt Ion: 43 Resp: 42640

Ion Ratio Lower Upper

43 100

72 36.1 19.3 57.8



#23

Bromochloromethane

Concen: 24.867 ug/L

RT: 7.422 min Scan# 992

Delta R.T. -0.006 min

Lab File: VD079151.D

Acq: 10 Jun 2024 09:58

Tgt Ion:128 Resp: 43380

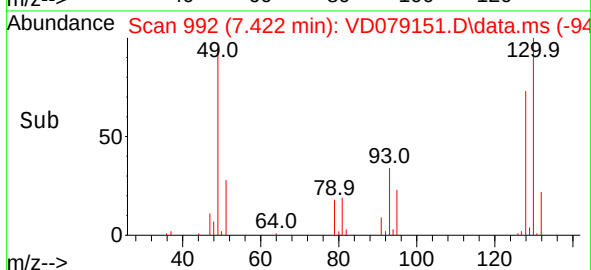
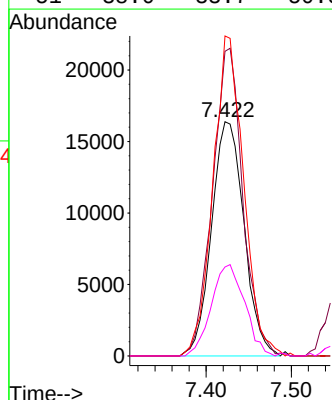
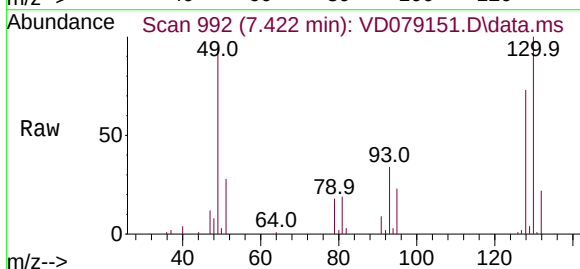
Ion Ratio Lower Upper

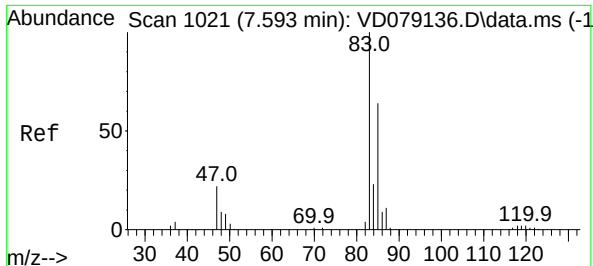
128 100

49 130.1 81.8 151.8

130 136.6 90.4 167.8

51 38.0 33.7 50.5

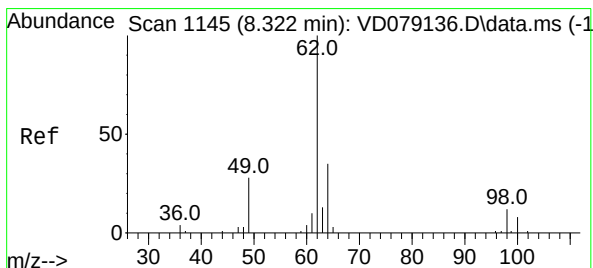
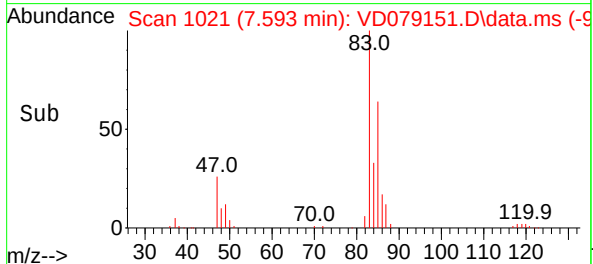
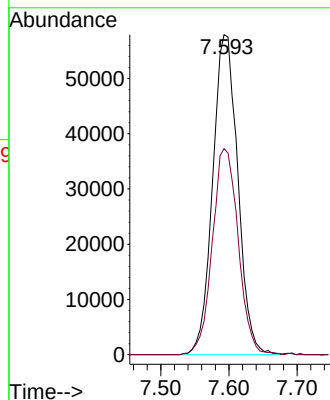
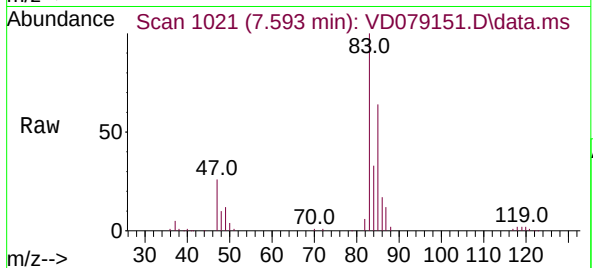




#25
Chloroform
Concen: 24.575 ug/L
RT: 7.593 min Scan# 1021
Delta R.T. 0.000 min
Lab File: VD079151.D
Acq: 10 Jun 2024 09:58

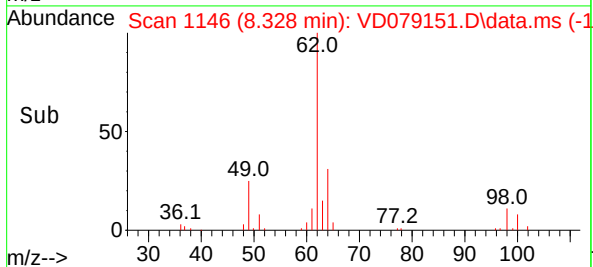
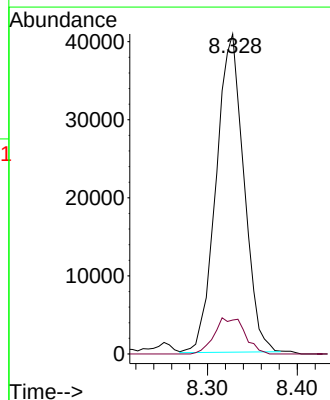
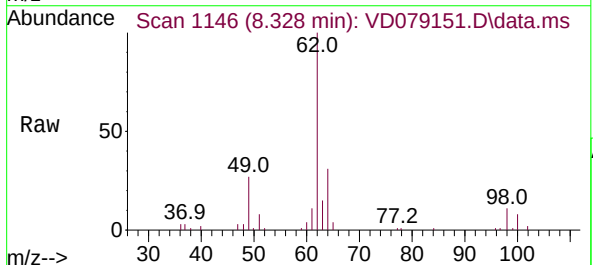
Instrument :
MSVOA_D
ClientSampleId :

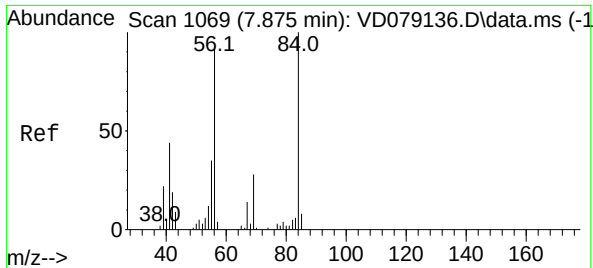
Tgt Ion: 83 Resp: 148446
Ion Ratio Lower Upper
83 100
85 64.4 47.9 89.1



#27
1,2-Dichloroethane
Concen: 24.952 ug/L
RT: 8.328 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VD079151.D
Acq: 10 Jun 2024 09:58

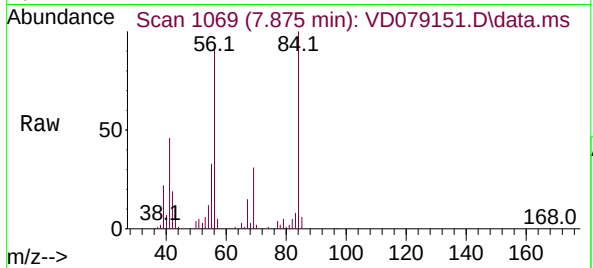
Tgt Ion: 62 Resp: 87493
Ion Ratio Lower Upper
62 100
98 10.6 8.2 12.4



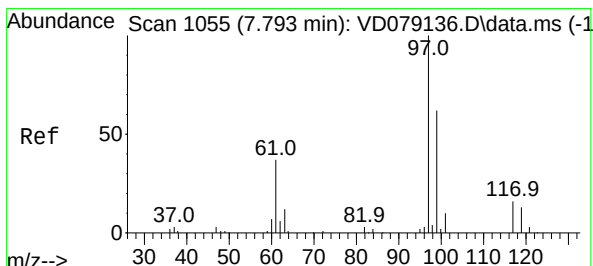
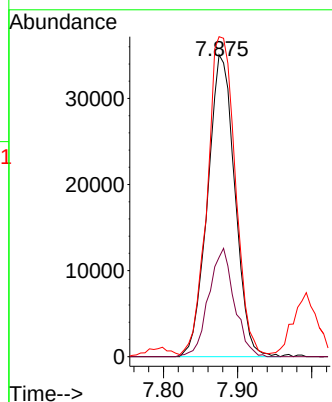
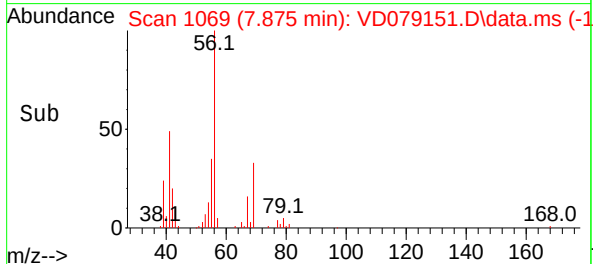


#29
Cyclohexane
Concen: 22.776 ug/L
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD079151.D
Acq: 10 Jun 2024 09:58

Instrument :
MSVOA_D
ClientSampleId :

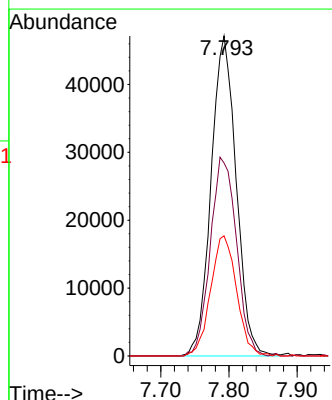
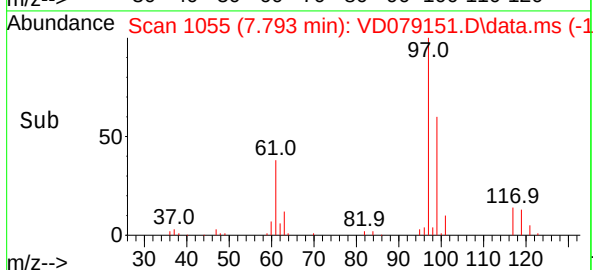
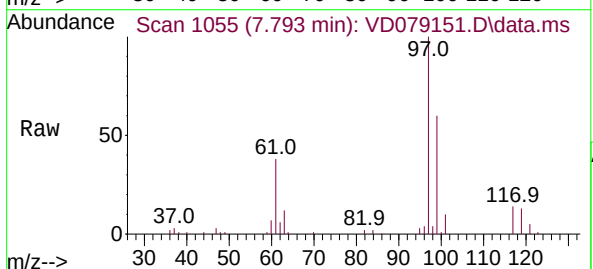


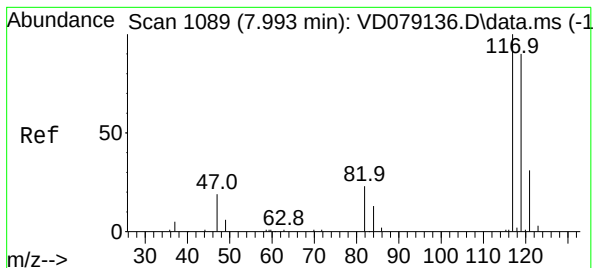
Tgt Ion: 56 Resp: 89539
Ion Ratio Lower Upper
56 100
69 33.8 26.6 40.0
84 109.7 87.5 131.3



#30
1,1,1-Trichloroethane
Concen: 23.410 ug/L
RT: 7.793 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VD079151.D
Acq: 10 Jun 2024 09:58

Tgt Ion: 97 Resp: 120764
Ion Ratio Lower Upper
97 100
99 64.8 52.3 78.5
61 38.7 31.7 47.5





#31

Carbon tetrachloride

Concen: 22.884 ug/L

RT: 7.993 min Scan# 1108

Delta R.T. 0.000 min

Lab File: VD079151.D

Acq: 10 Jun 2024 09:58

Instrument :

MSVOA_D

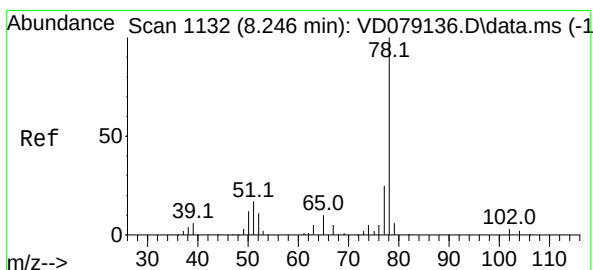
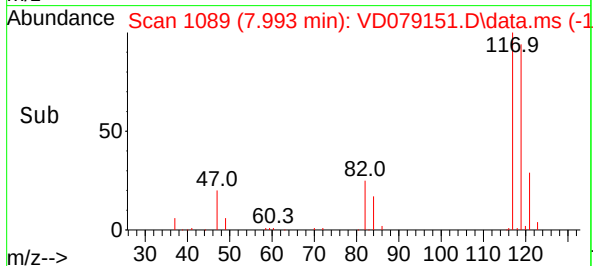
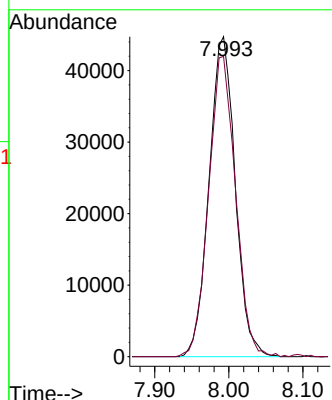
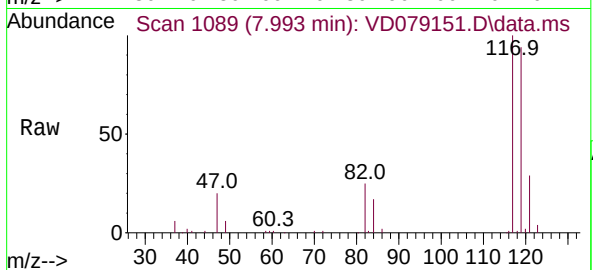
ClientSampleId :

Tgt Ion:117 Resp: 109700

Ion Ratio Lower Upper

117 100

119 96.4 79.6 119.4



#33

Benzene

Concen: 25.253 ug/L

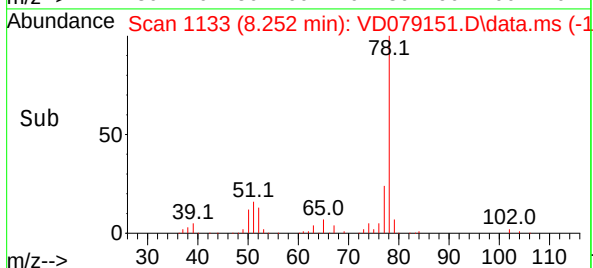
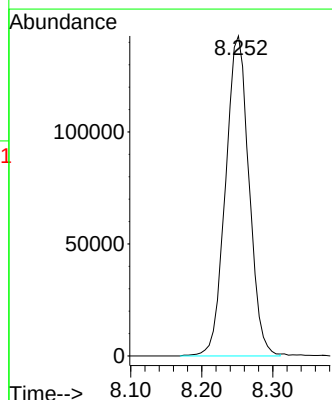
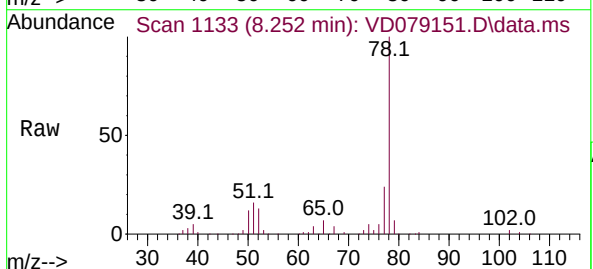
RT: 8.252 min Scan# 1133

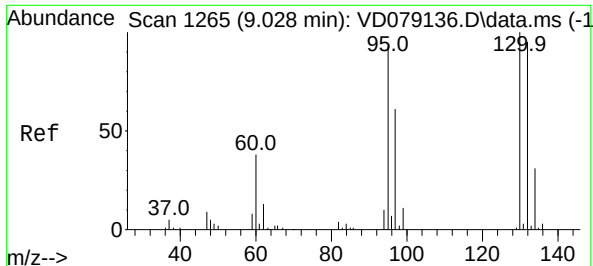
Delta R.T. 0.006 min

Lab File: VD079151.D

Acq: 10 Jun 2024 09:58

Tgt Ion: 78 Resp: 327719



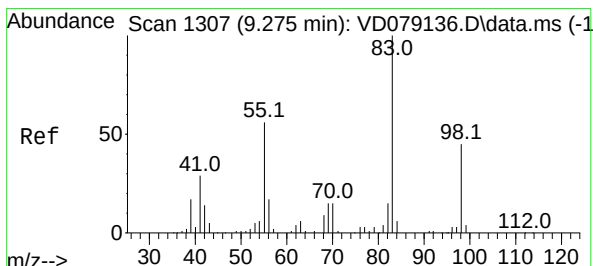
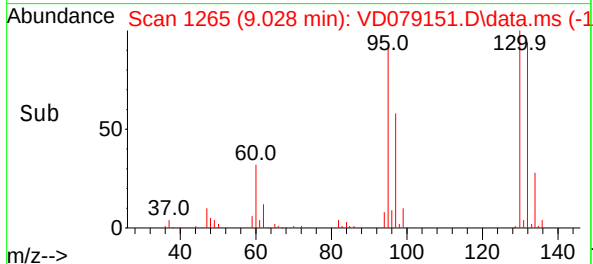
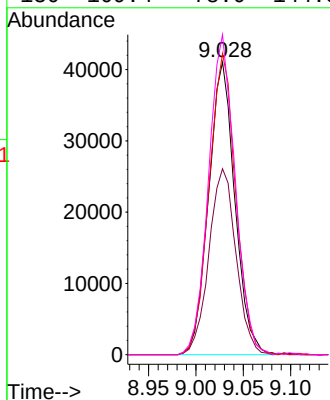
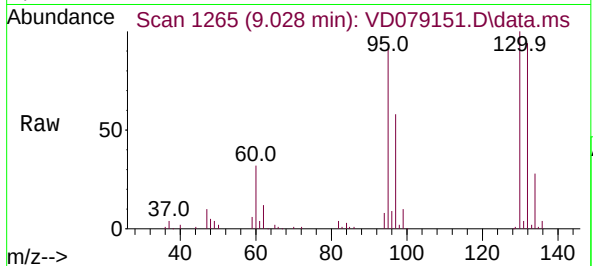


#34
Trichloroethene
Concen: 23.615 ug/L
RT: 9.028 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD079151.D
Acq: 10 Jun 2024 09:58

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 95 Resp: 78934

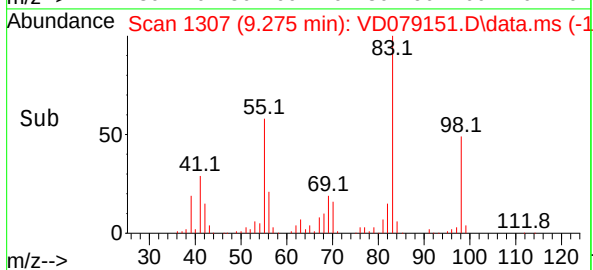
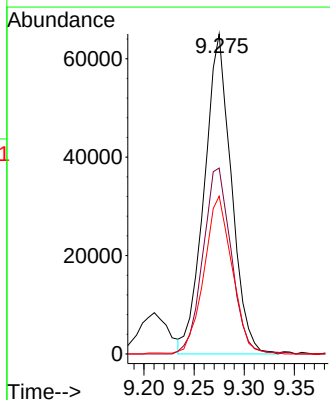
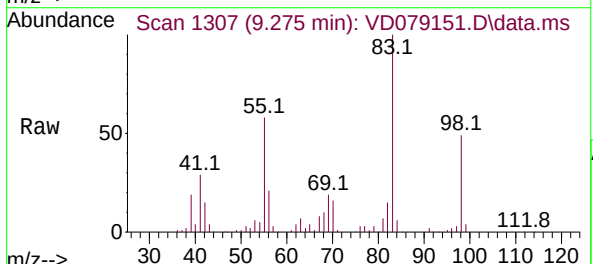
Ion	Ratio	Lower	Upper
95	100		
97	63.5	44.6	82.8
132	102.9	74.9	139.1
130	109.4	78.0	144.8

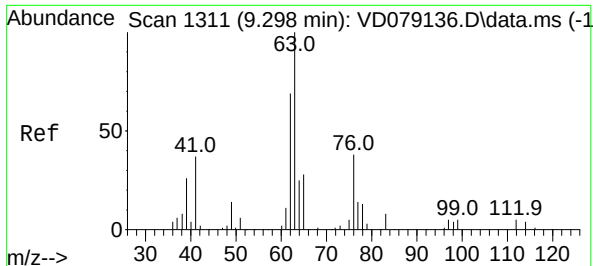


#35
Methylcyclohexane
Concen: 22.090 ug/L
RT: 9.275 min Scan# 1307
Delta R.T. 0.000 min
Lab File: VD079151.D
Acq: 10 Jun 2024 09:58

Tgt Ion: 83 Resp: 122342

Ion	Ratio	Lower	Upper
83	100		
55	60.4	48.6	72.8
98	51.2	40.2	60.2

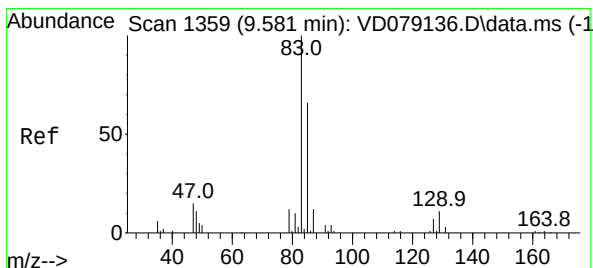
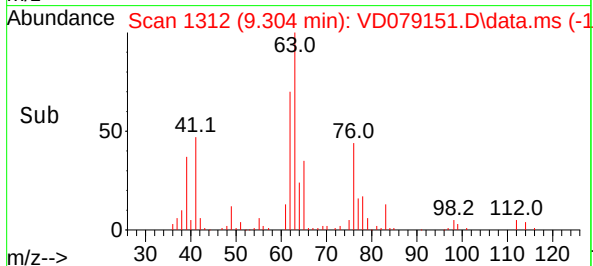
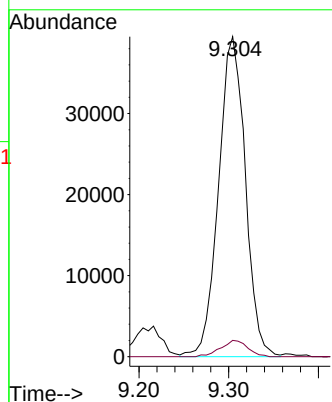
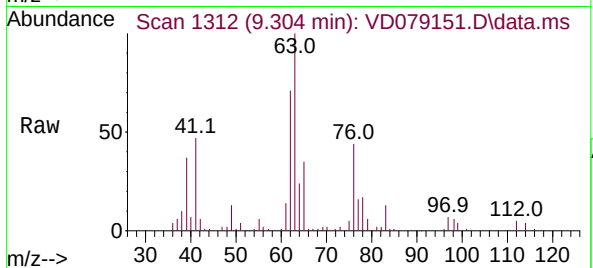




#37
1,2-Dichloropropane
Concen: 25.713 ug/L
RT: 9.304 min Scan# 1311
Delta R.T. 0.006 min
Lab File: VD079151.D
Acq: 10 Jun 2024 09:58

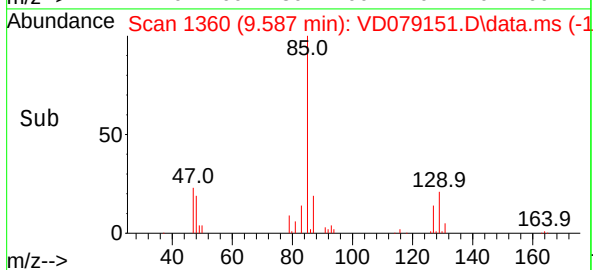
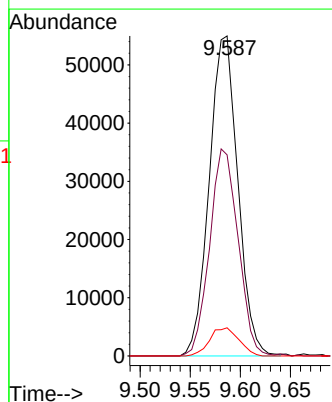
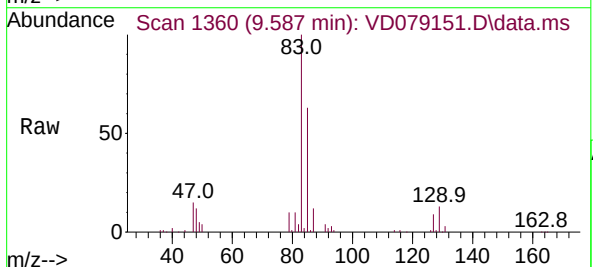
Instrument :
MSVOA_D
ClientSampleId :

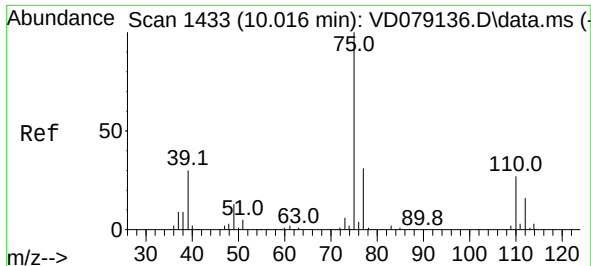
Tgt Ion: 63 Resp: 81736
Ion Ratio Lower Upper
63 100
112 5.2 3.9 5.9



#38
Bromodichloromethane
Concen: 24.702 ug/L
RT: 9.587 min Scan# 1360
Delta R.T. 0.006 min
Lab File: VD079151.D
Acq: 10 Jun 2024 09:58

Tgt Ion: 83 Resp: 109158
Ion Ratio Lower Upper
83 100
85 62.8 46.5 86.5
127 8.8 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 25.345 ug/L

RT: 10.016 min Scan# 1433

Delta R.T. 0.000 min

Lab File: VD079151.D

Acq: 10 Jun 2024 09:58

Instrument :

MSVOA_D

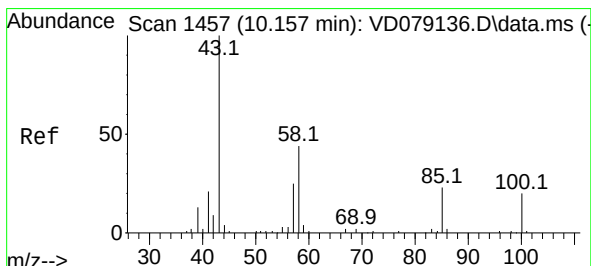
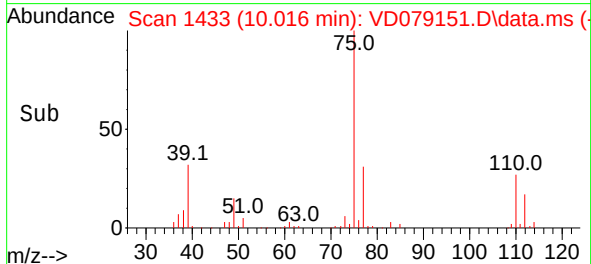
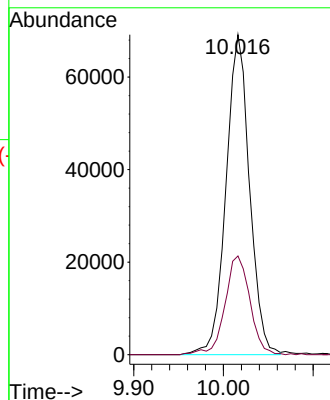
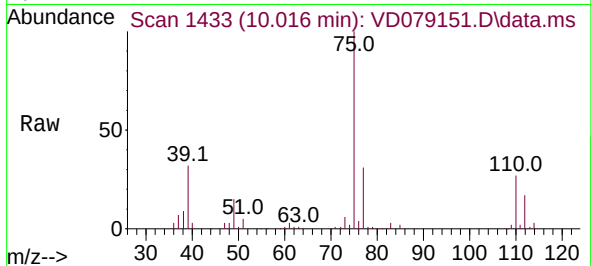
ClientSampleId :

Tgt Ion: 75 Resp: 125765

Ion Ratio Lower Upper

75 100

77 30.8 23.4 43.4



#40

4-Methyl-2-pentanone

Concen: 57.257 ug/L

RT: 10.157 min Scan# 1457

Delta R.T. 0.000 min

Lab File: VD079151.D

Acq: 10 Jun 2024 09:58

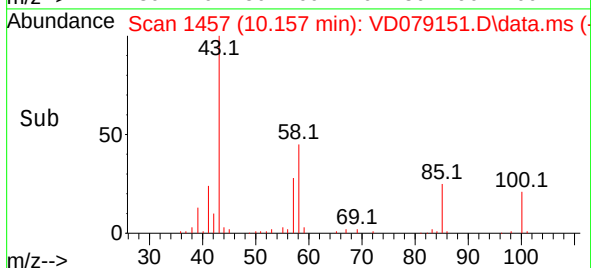
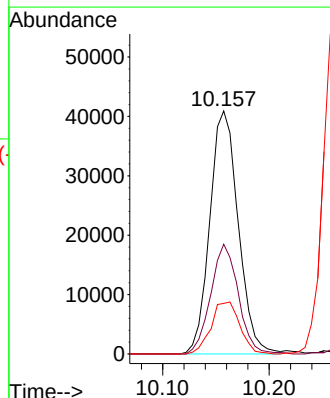
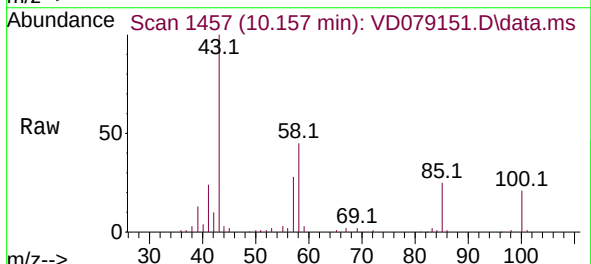
Tgt Ion: 43 Resp: 75978

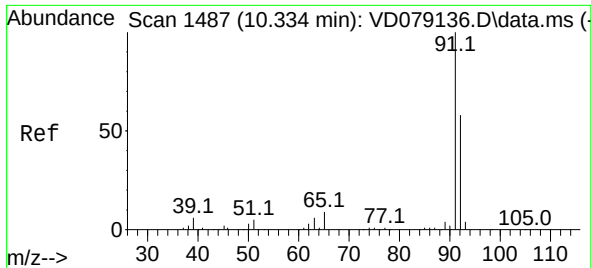
Ion Ratio Lower Upper

43 100

58 43.8 34.0 51.0

100 21.6 16.9 25.3

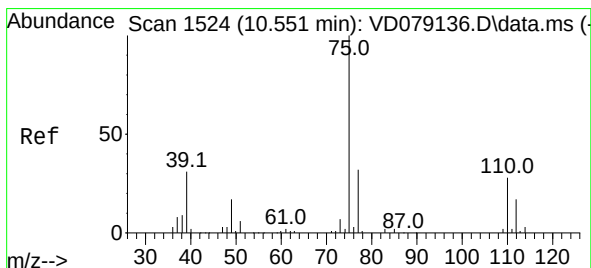
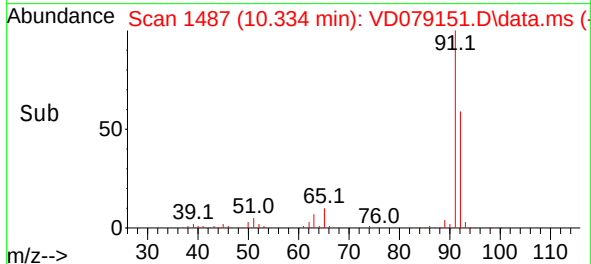
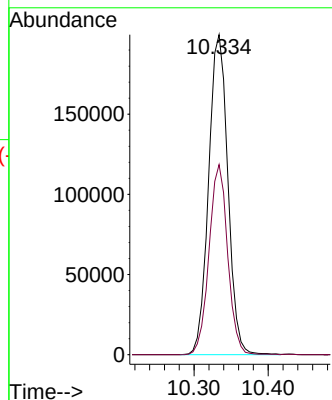
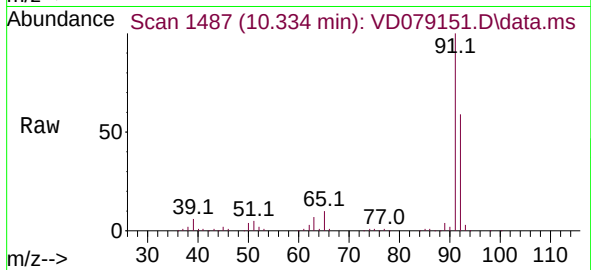




#42
Toluene
Concen: 24.952 ug/L
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD079151.D
Acq: 10 Jun 2024 09:58

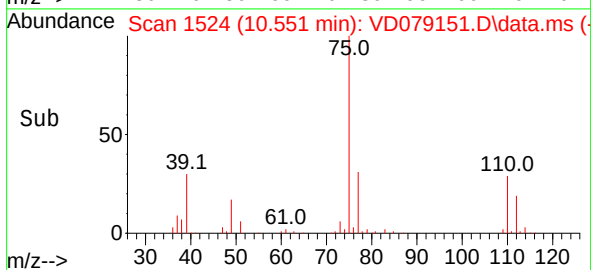
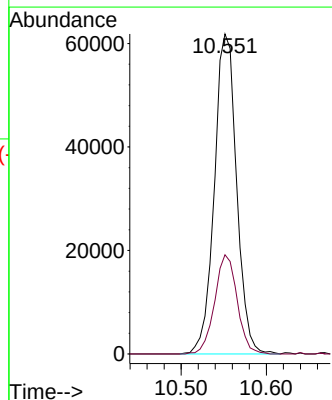
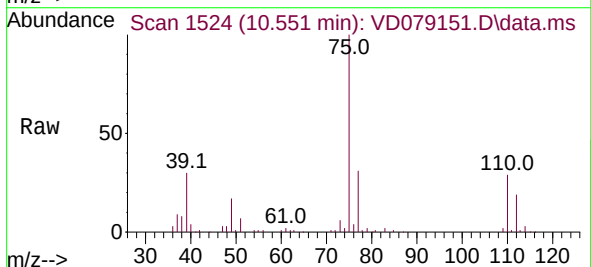
Instrument :
MSVOA_D
ClientSampleId :

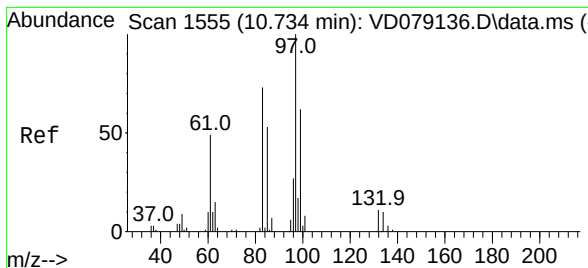
Tgt Ion: 91 Resp: 359573
Ion Ratio Lower Upper
91 100
92 59.4 38.9 72.3



#44
trans-1,3-Dichloropropene
Concen: 26.729 ug/L
RT: 10.551 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VD079151.D
Acq: 10 Jun 2024 09:58

Tgt Ion: 75 Resp: 112157
Ion Ratio Lower Upper
75 100
77 31.0 24.3 45.1





#45

1,1,2-Trichloroethane

Concen: 25.250 ug/L

RT: 10.734 min Scan# 1555

Delta R.T. 0.000 min

Lab File: VD079151.D

Acq: 10 Jun 2024 09:58

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 97 Resp: 70415

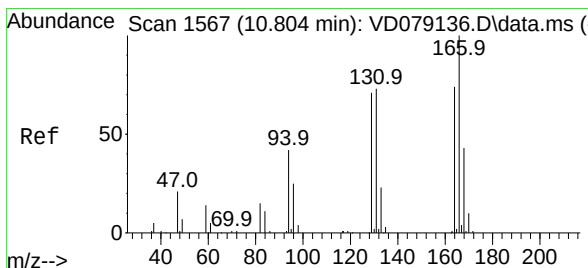
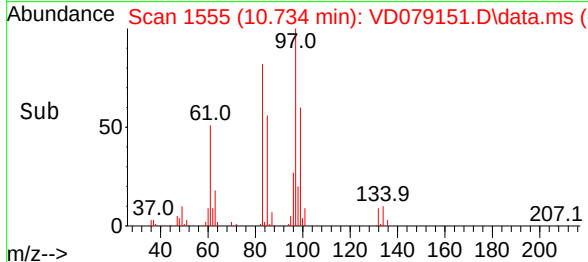
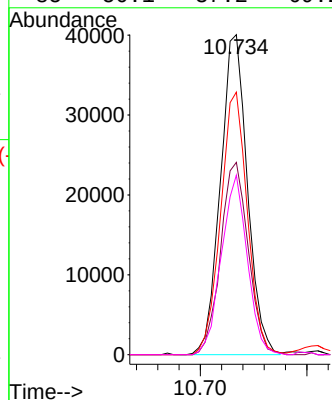
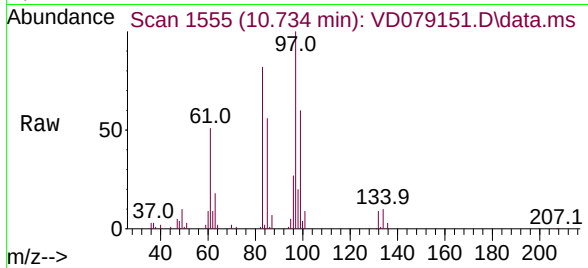
Ion Ratio Lower Upper

97 100

99 60.1 43.0 79.8

83 82.1 58.9 109.5

85 56.1 37.2 69.2



#46

Tetrachloroethene

Concen: 22.484 ug/L

RT: 10.810 min Scan# 1568

Delta R.T. 0.006 min

Lab File: VD079151.D

Acq: 10 Jun 2024 09:58

Tgt Ion:164 Resp: 66174

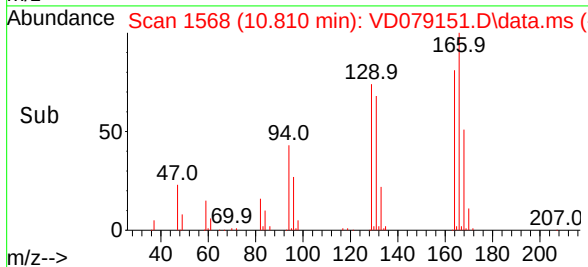
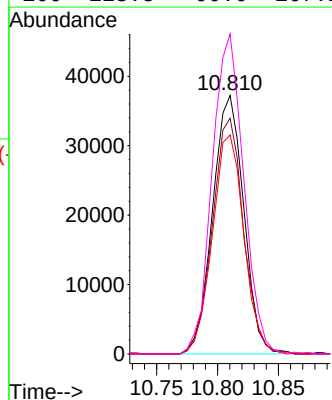
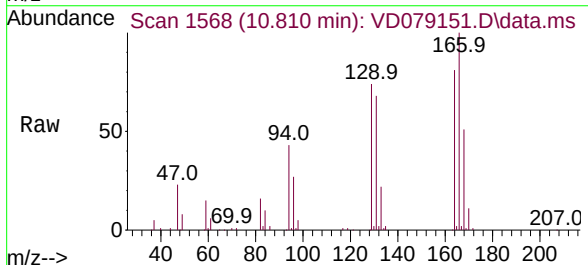
Ion Ratio Lower Upper

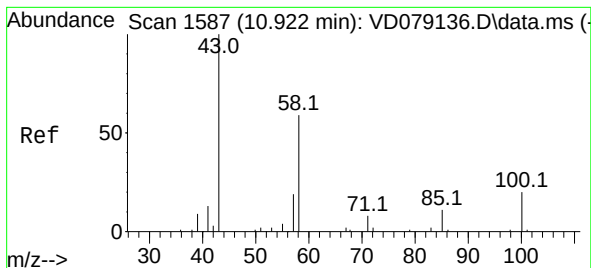
164 100

129 91.2 64.3 119.5

131 84.7 61.2 113.8

166 123.8 90.0 167.2





#48

2-Hexanone

Concen: 53.374 ug/L

RT: 10.922 min Scan# 1587

Delta R.T. 0.000 min

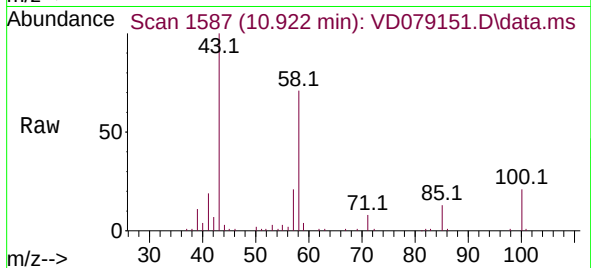
Lab File: VD079151.D

Acq: 10 Jun 2024 09:58

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 43 Resp: 61286

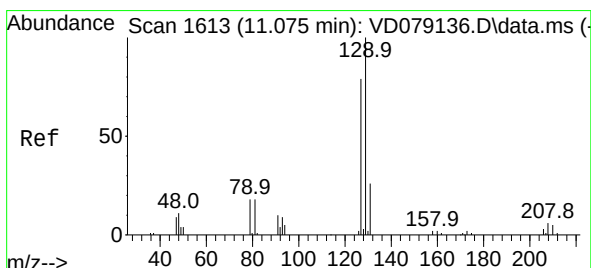
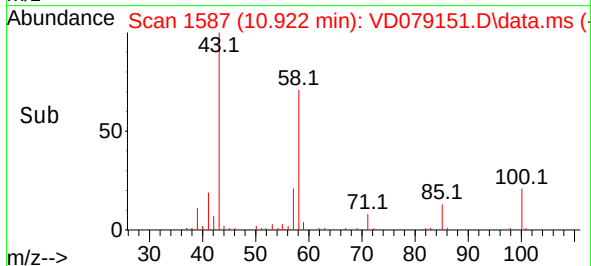
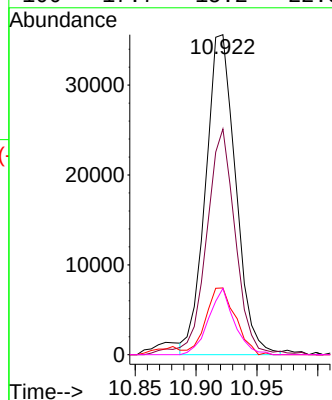
Ion Ratio Lower Upper

43 100

58 67.9 50.1 75.1

57 20.6 16.5 24.7

100 17.7 15.2 22.8



#49

Dibromochloromethane

Concen: 24.801 ug/L

RT: 11.075 min Scan# 1613

Delta R.T. 0.000 min

Lab File: VD079151.D

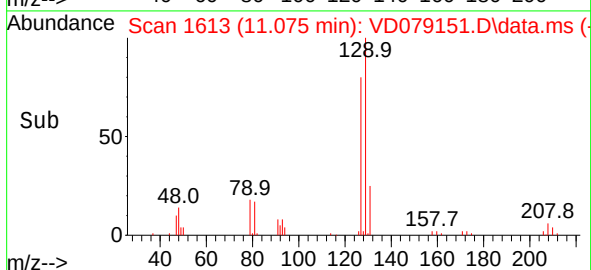
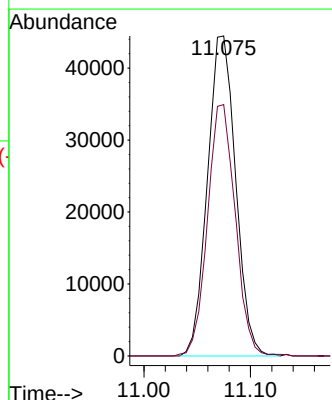
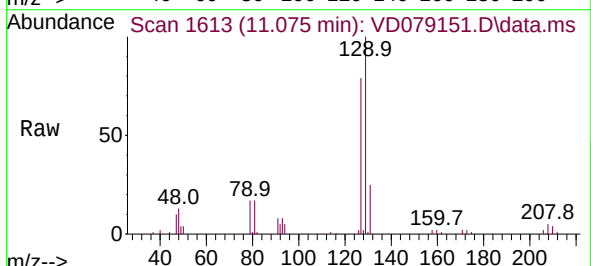
Acq: 10 Jun 2024 09:58

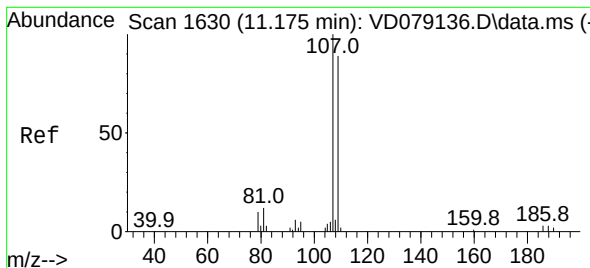
Tgt Ion: 129 Resp: 81903

Ion Ratio Lower Upper

129 100

127 78.5 56.4 104.7





#50

1,2-Dibromoethane

Concen: 25.903 ug/L

RT: 11.181 min Scan# 1

Delta R.T. 0.006 min

Lab File: VD079151.D

Acq: 10 Jun 2024 09:58

Instrument :

MSVOA_D

ClientSampleId :

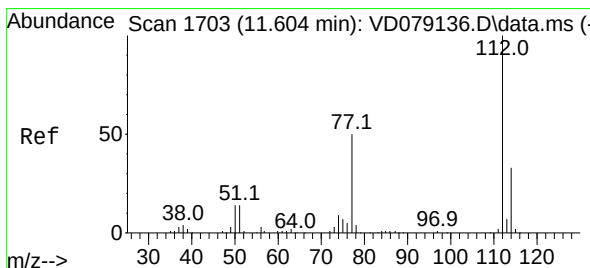
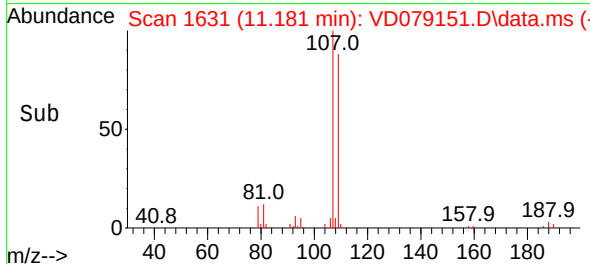
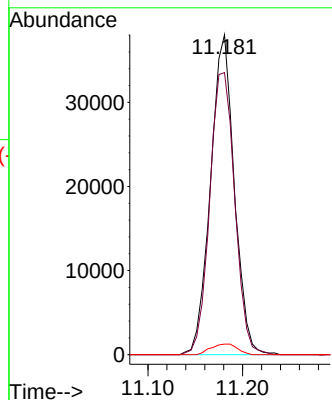
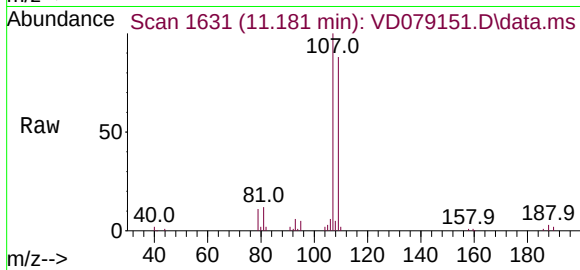
Tgt Ion:107 Resp: 66388

Ion Ratio Lower Upper

107 100

109 88.2 64.5 119.7

188 3.3 2.6 3.8



#51

Chlorobenzene

Concen: 24.249 ug/L

RT: 11.604 min Scan# 1703

Delta R.T. 0.000 min

Lab File: VD079151.D

Acq: 10 Jun 2024 09:58

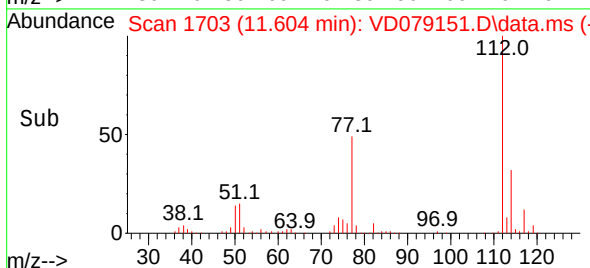
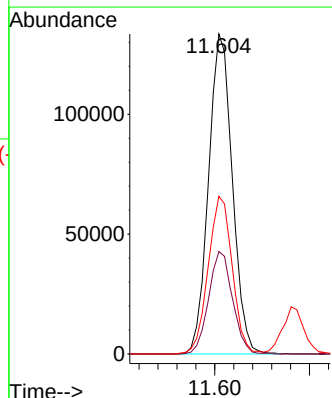
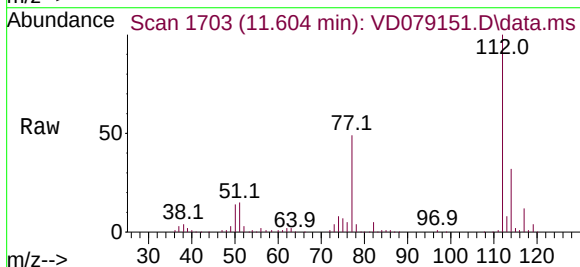
Tgt Ion:112 Resp: 232511

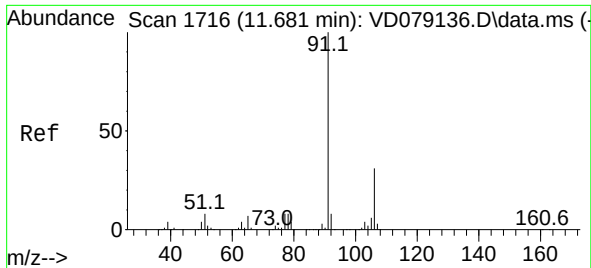
Ion Ratio Lower Upper

112 100

114 32.0 22.7 42.3

77 49.2 38.4 57.6

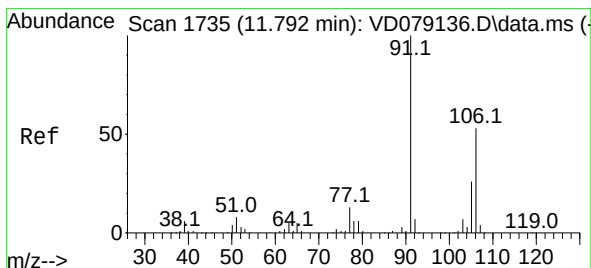
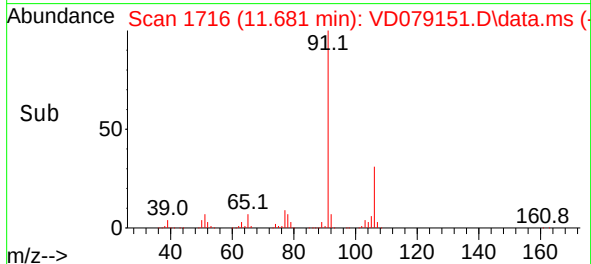
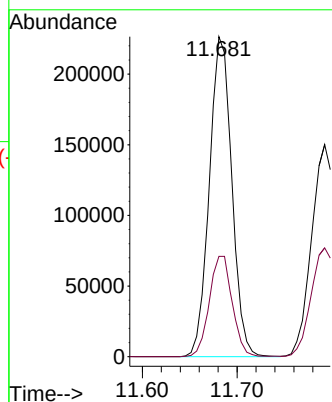
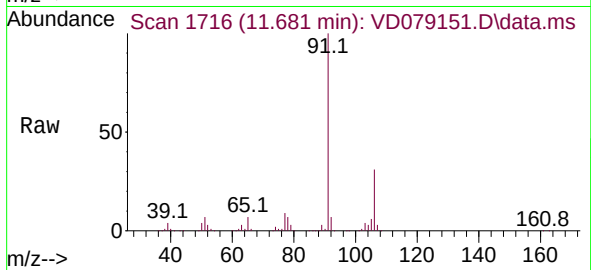




#52
Ethylbenzene
Concen: 24.787 ug/L
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD079151.D
Acq: 10 Jun 2024 09:58

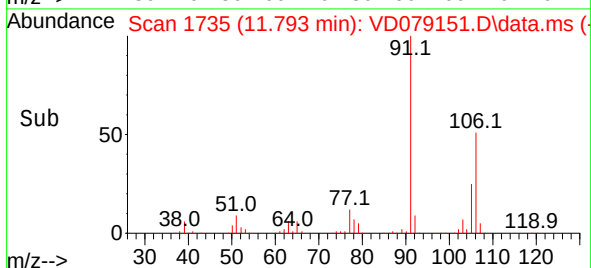
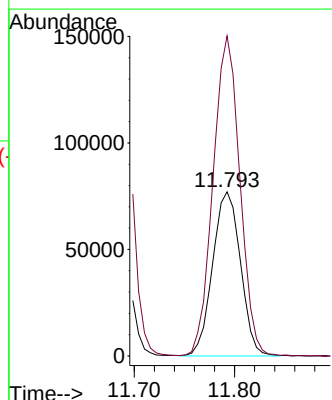
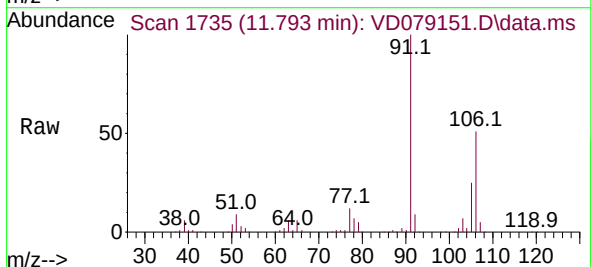
Instrument :
MSVOA_D
ClientSampleId :

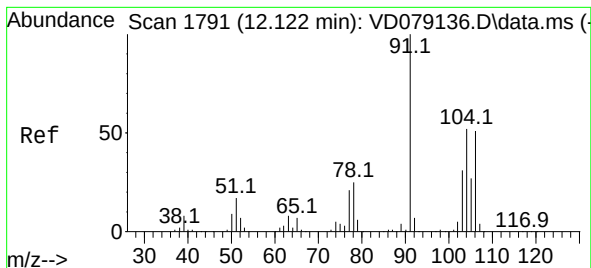
Tgt Ion: 91 Resp: 372581
Ion Ratio Lower Upper
91 100
106 31.4 22.3 41.5



#53
m,p-Xylene
Concen: 25.199 ug/L
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD079151.D
Acq: 10 Jun 2024 09:58

Tgt Ion:106 Resp: 148614
Ion Ratio Lower Upper
106 100
91 194.9 133.1 247.1





#54

o-Xylene

Concen: 25.164 ug/L

RT: 12.122 min Scan# 1791

Delta R.T. 0.000 min

Lab File: VD079151.D

Acq: 10 Jun 2024 09:58

Instrument :

MSVOA_D

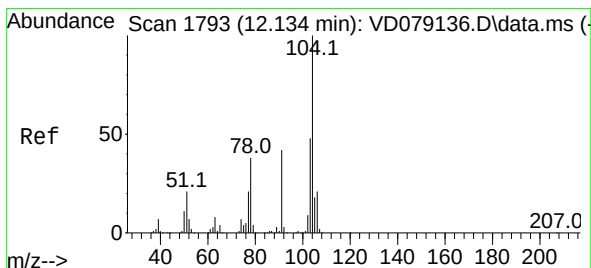
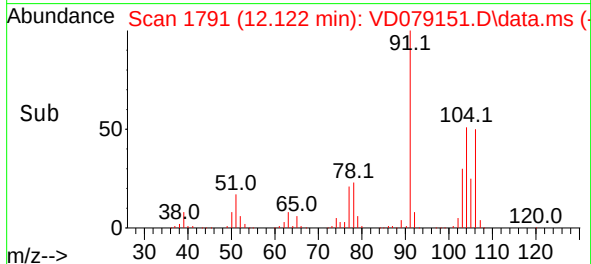
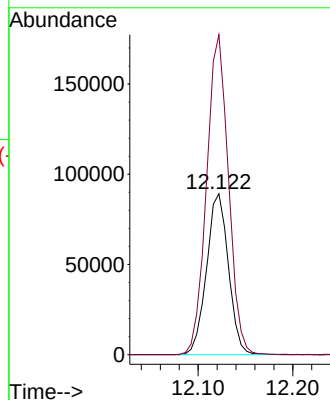
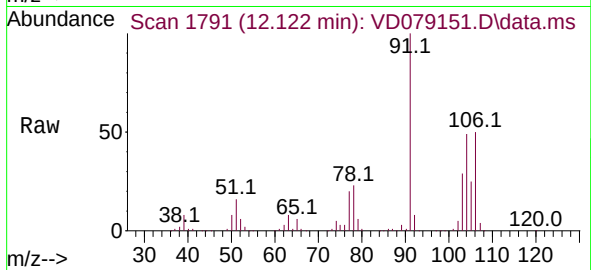
ClientSampleId :

Tgt Ion:106 Resp: 143382

Ion Ratio Lower Upper

106 100

91 198.9 132.9 246.9



#55

Styrene

Concen: 25.669 ug/L

RT: 12.134 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VD079151.D

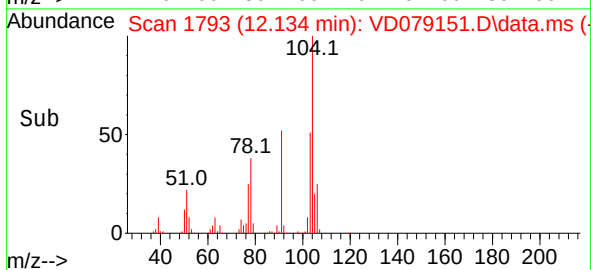
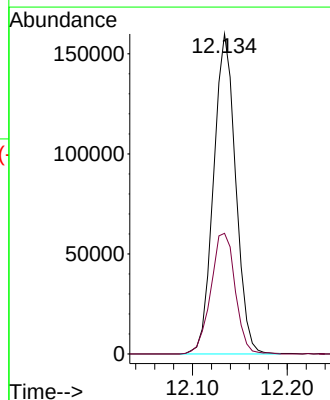
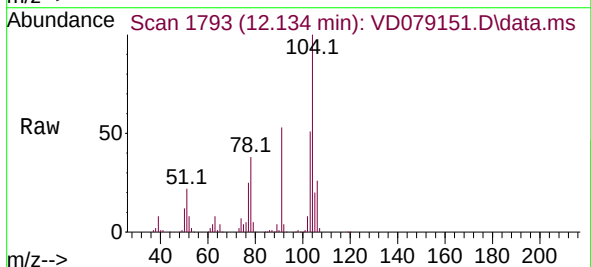
Acq: 10 Jun 2024 09:58

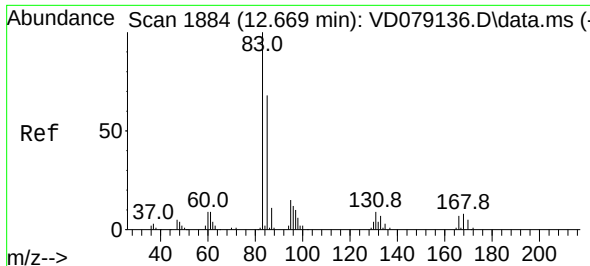
Tgt Ion:104 Resp: 259332

Ion Ratio Lower Upper

104 100

78 37.7 27.8 51.6





#57

1,1,2,2-Tetrachloroethane

Concen: 25.574 ug/L

RT: 12.675 min Scan# 1885

Delta R.T. 0.006 min

Lab File: VD079151.D

Acq: 10 Jun 2024 09:58

Instrument :

MSVOA_D

ClientSampleId :

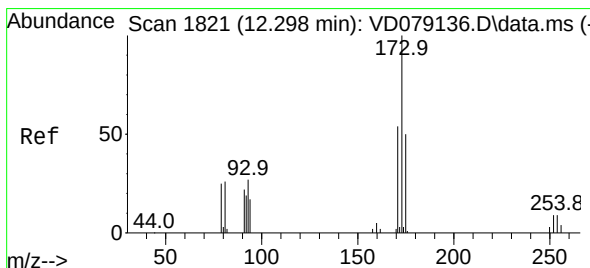
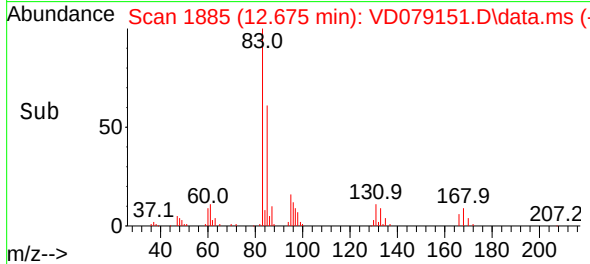
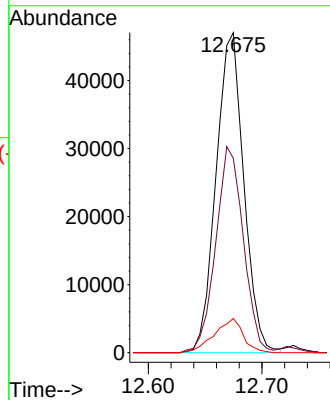
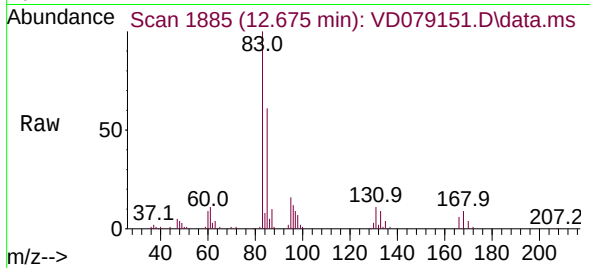
Tgt Ion: 83 Resp: 79832

Ion Ratio Lower Upper

83 100

85 60.8 47.5 88.1

131 10.7 8.6 13.0



#59

Bromoform

Concen: 24.648 ug/L

RT: 12.298 min Scan# 1821

Delta R.T. 0.000 min

Lab File: VD079151.D

Acq: 10 Jun 2024 09:58

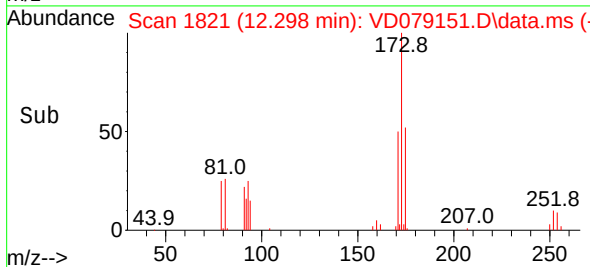
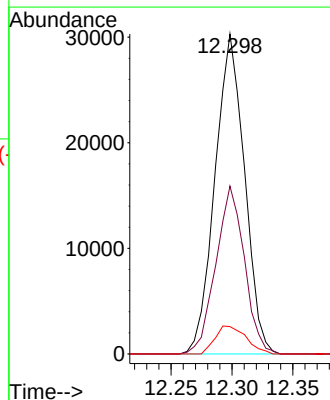
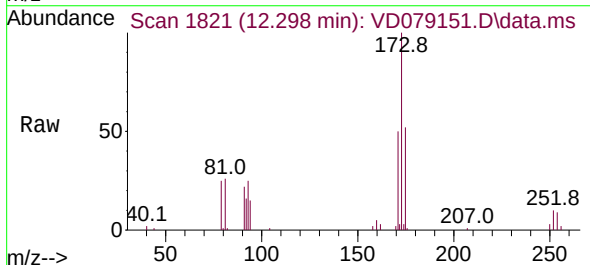
Tgt Ion:173 Resp: 51095

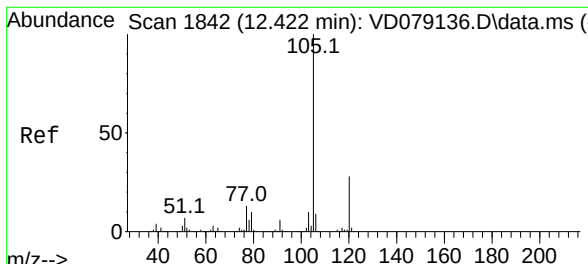
Ion Ratio Lower Upper

173 100

175 50.8 38.2 57.4

254 9.2 7.0 10.6





#60

Isopropylbenzene

Concen: 24.106 ug/L

RT: 12.422 min Scan# 1842

Delta R.T. 0.000 min

Lab File: VD079151.D

Acq: 10 Jun 2024 09:58

Instrument :

MSVOA_D

ClientSampleId :

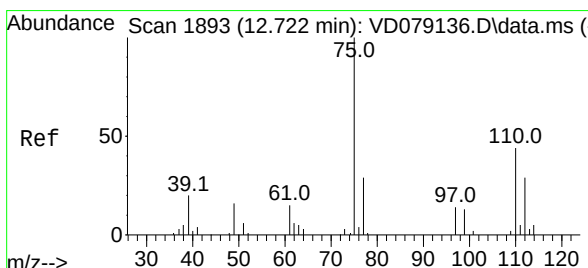
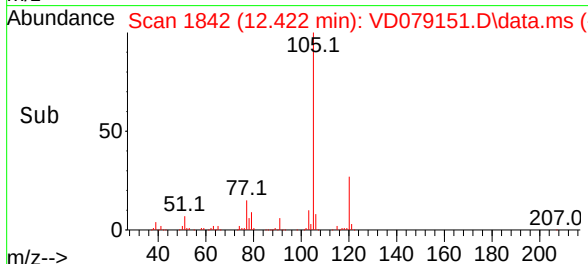
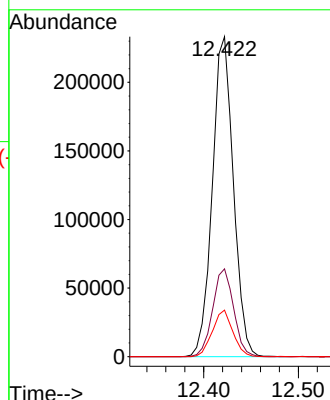
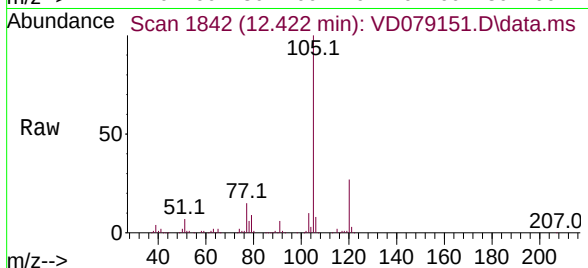
Tgt Ion:105 Resp: 360516

Ion Ratio Lower Upper

105 100

120 27.3 21.9 32.9

77 14.2 10.9 16.3



#61

1,2,3-Trichloropropane

Concen: 26.224 ug/L

RT: 12.722 min Scan# 1893

Delta R.T. 0.000 min

Lab File: VD079151.D

Acq: 10 Jun 2024 09:58

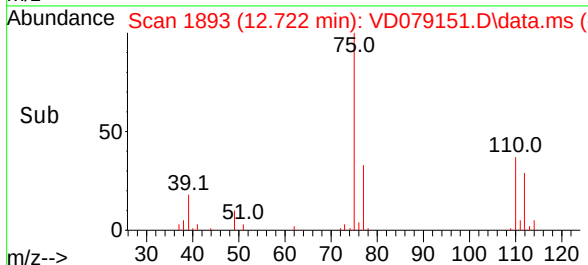
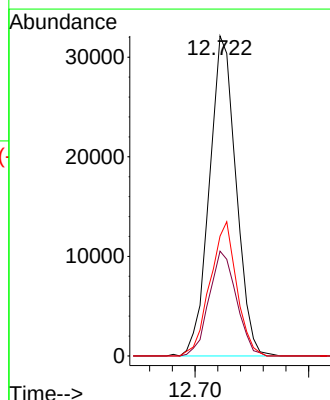
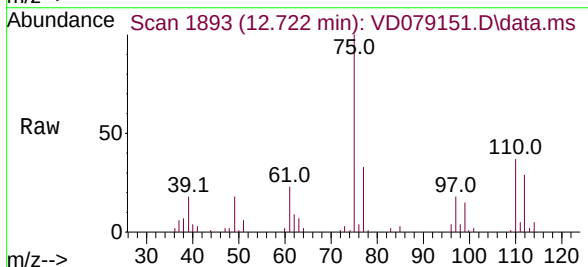
Tgt Ion: 75 Resp: 52366

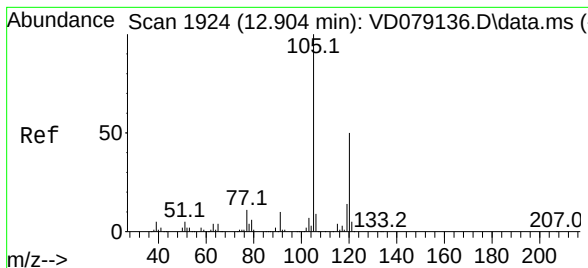
Ion Ratio Lower Upper

75 100

77 33.5 25.9 38.9

110 41.9 34.2 51.4

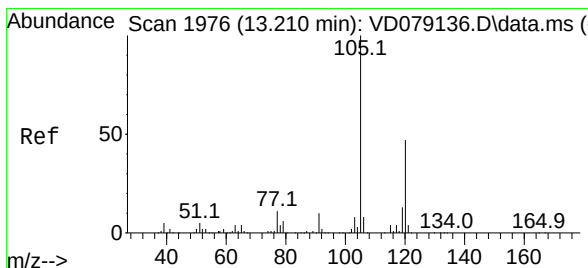
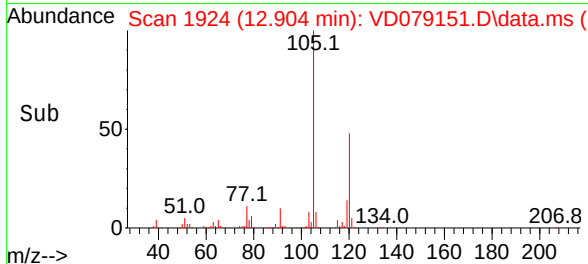
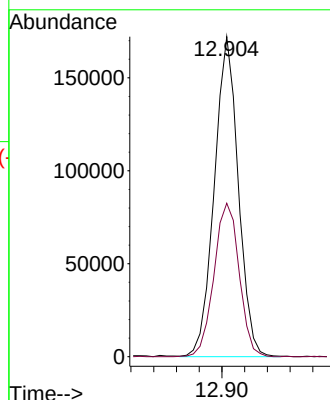
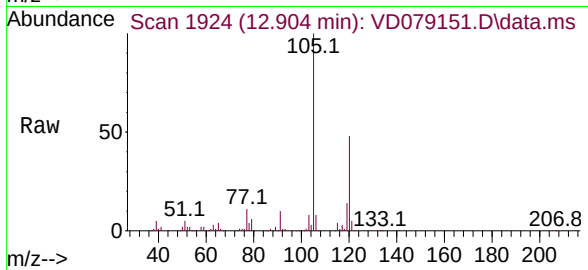




#62
1,3,5-Trimethylbenzene
Concen: 24.684 ug/L
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD079151.D
Acq: 10 Jun 2024 09:58

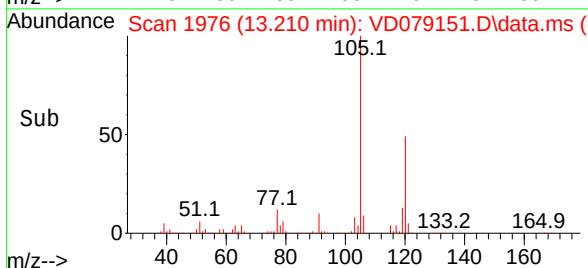
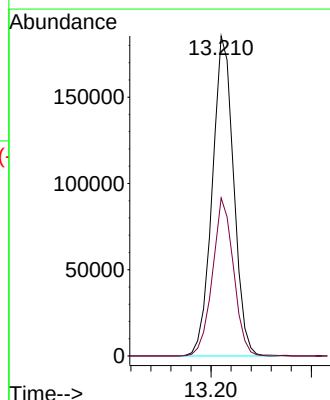
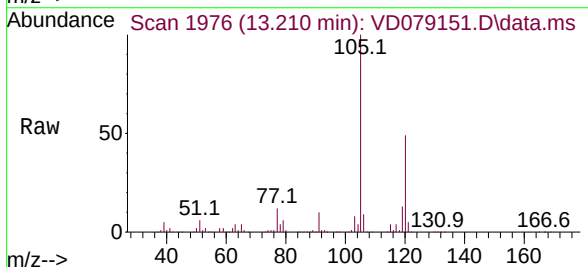
Instrument :
MSVOA_D
ClientSampleId :

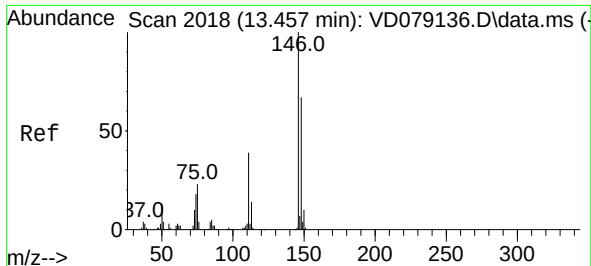
Tgt Ion:105 Resp: 252409
Ion Ratio Lower Upper
105 100
120 50.2 40.7 61.1



#63
1,2,4-Trimethylbenzene
Concen: 25.092 ug/L
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD079151.D
Acq: 10 Jun 2024 09:58

Tgt Ion:105 Resp: 274428
Ion Ratio Lower Upper
105 100
120 48.4 38.0 57.0

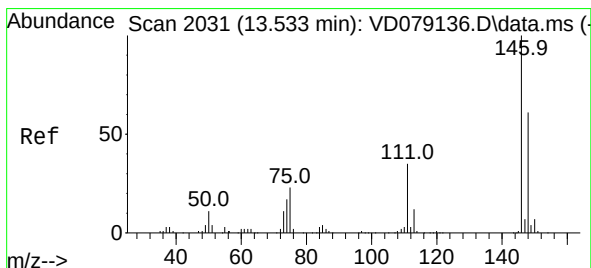
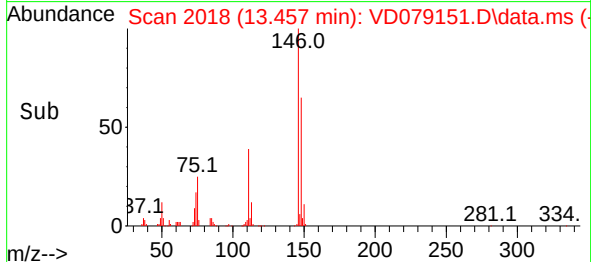
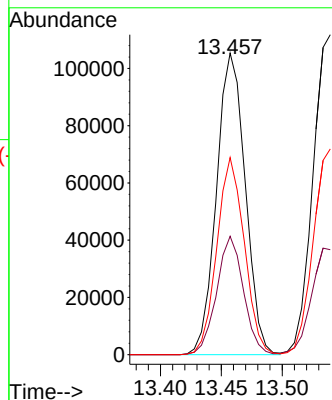
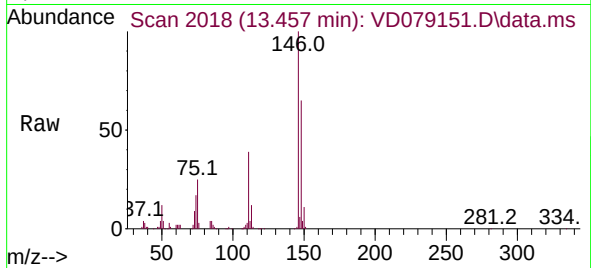




#64
1,3-Dichlorobenzene
Concen: 24.100 ug/L
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD079151.D
Acq: 10 Jun 2024 09:58

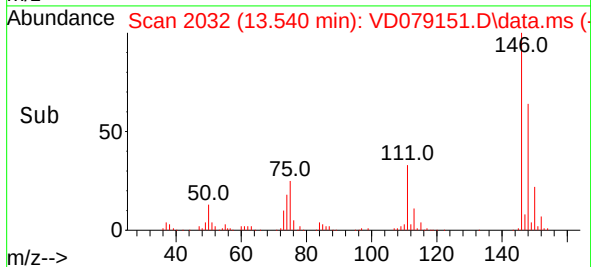
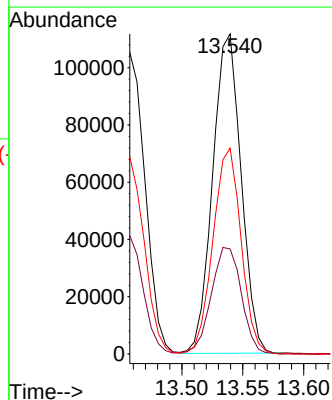
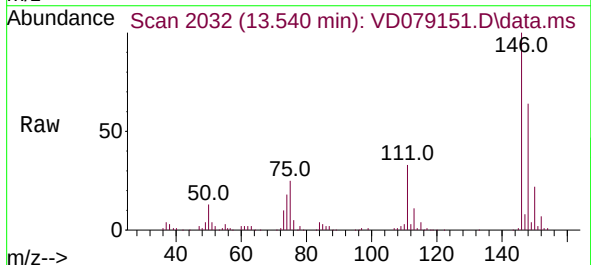
Instrument :
MSVOA_D
ClientSampleId :

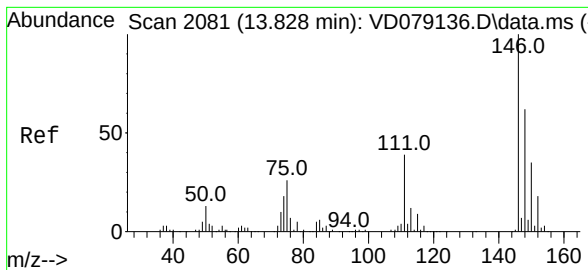
Tgt Ion:146 Resp: 173151
Ion Ratio Lower Upper
146 100
111 39.3 24.4 45.4
148 65.3 44.9 83.3



#65
1,4-Dichlorobenzene
Concen: 23.850 ug/L
RT: 13.540 min Scan# 2032
Delta R.T. 0.006 min
Lab File: VD079151.D
Acq: 10 Jun 2024 09:58

Tgt Ion:146 Resp: 181563
Ion Ratio Lower Upper
146 100
111 32.8 26.3 48.9
148 64.3 43.1 80.1

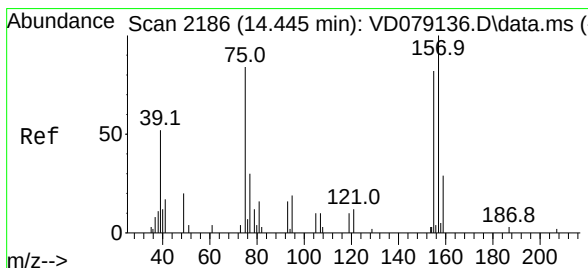
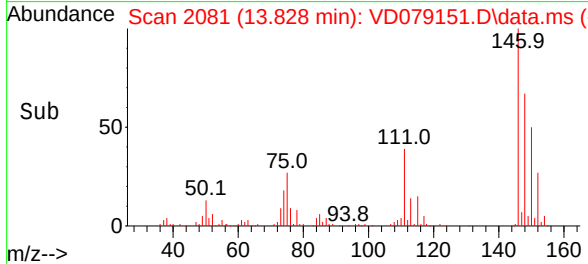
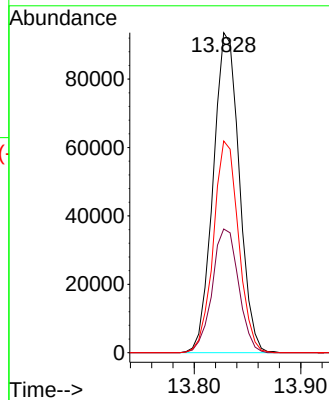
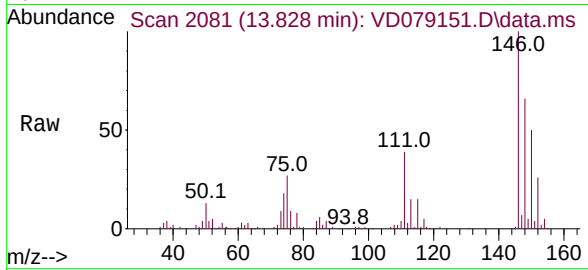




#67
1,2-Dichlorobenzene
Concen: 23.895 ug/L
RT: 13.828 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VD079151.D
Acq: 10 Jun 2024 09:58

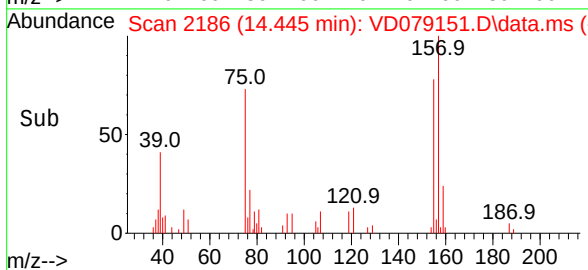
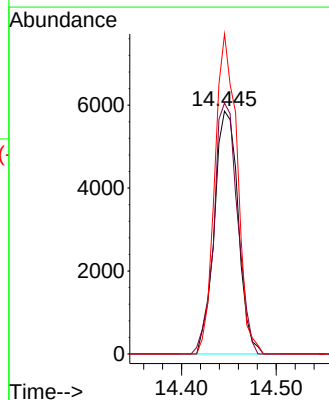
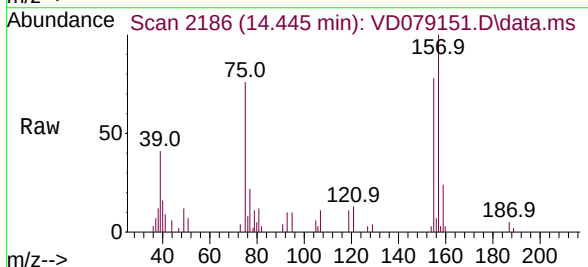
Instrument :
MSVOA_D
ClientSampleId :

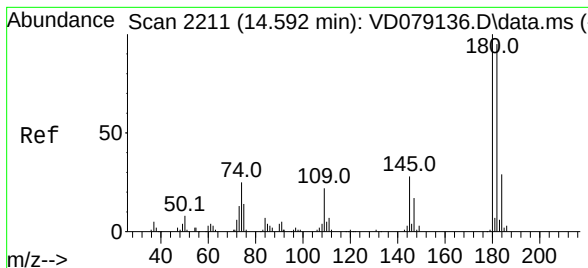
Tgt Ion:146 Resp: 158705
Ion Ratio Lower Upper
146 100
111 38.7 29.1 43.7
148 66.2 51.2 76.8



#68
1,2-Dibromo-3-chloropropane
Concen: 24.896 ug/L
RT: 14.445 min Scan# 2186
Delta R.T. 0.000 min
Lab File: VD079151.D
Acq: 10 Jun 2024 09:58

Tgt Ion: 75 Resp: 10220
Ion Ratio Lower Upper
75 100
155 103.3 68.1 102.1#
157 131.8 91.6 137.4





#69

1,3,5-Trichlorobenzene

Concen: 22.934 ug/L

RT: 14.592 min Scan# 2211

Delta R.T. 0.000 min

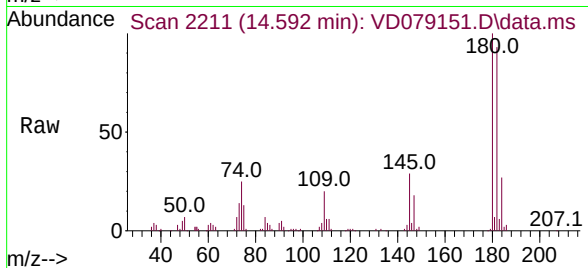
Lab File: VD079151.D

Acq: 10 Jun 2024 09:58

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:180 Resp: 103921

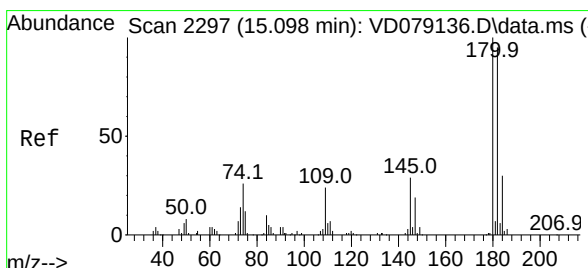
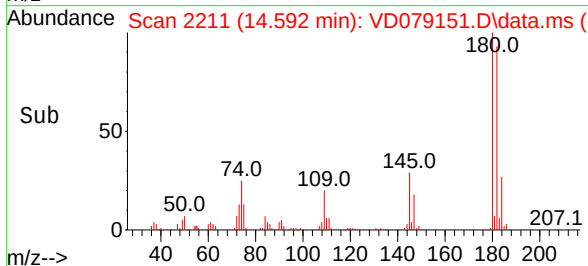
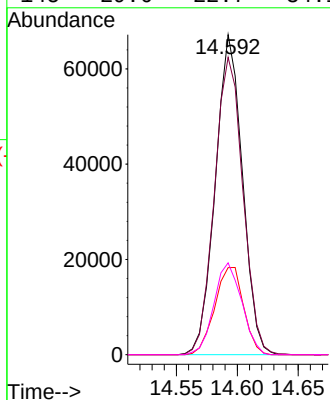
Ion Ratio Lower Upper

180 100

182 97.6 76.9 115.3

184 29.1 23.3 34.9

145 29.6 22.7 34.1



#70

1,2,4-trichlorobenzene

Concen: 23.081 ug/L

RT: 15.098 min Scan# 2297

Delta R.T. 0.000 min

Lab File: VD079151.D

Acq: 10 Jun 2024 09:58

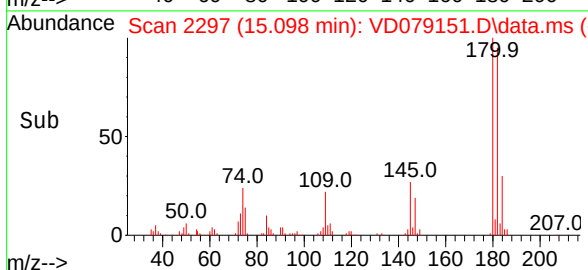
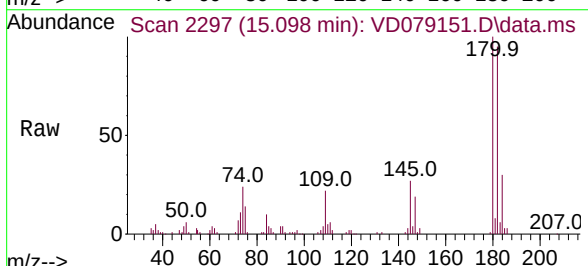
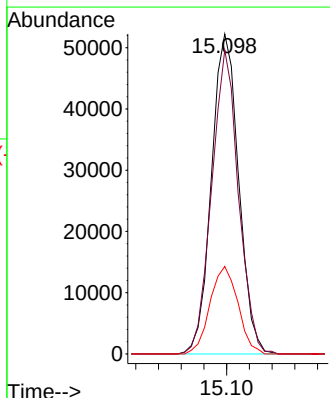
Tgt Ion:180 Resp: 86863

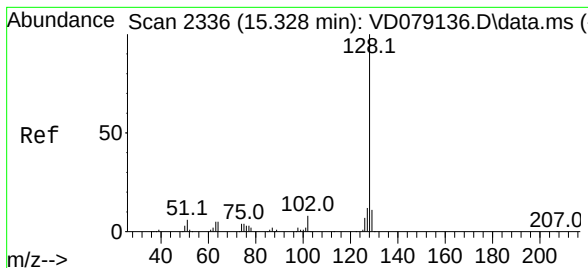
Ion Ratio Lower Upper

180 100

182 93.6 73.8 110.6

145 28.1 22.3 33.5





#71

Naphthalene

Concen: 24.112 ug/L

RT: 15.334 min Scan# 2337

Delta R.T. 0.006 min

Lab File: VD079151.D

Acq: 10 Jun 2024 09:58

Instrument :

MSVOA_D

ClientSampleId :

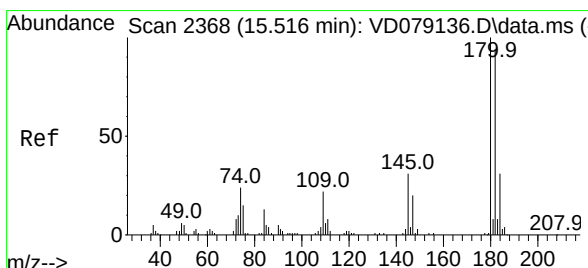
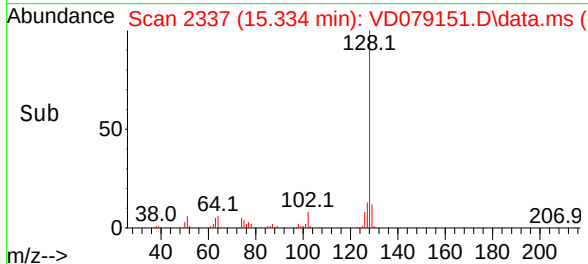
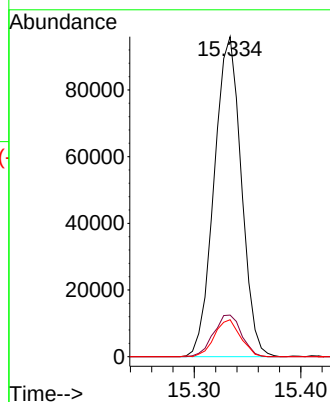
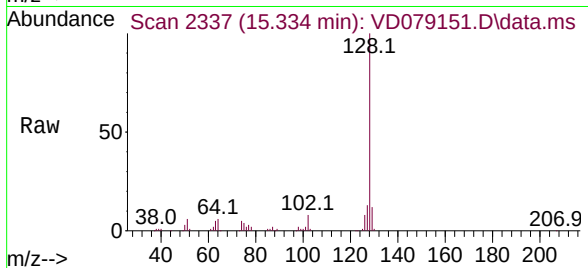
Tgt Ion:128 Resp: 169707

Ion Ratio Lower Upper

128 100

127 13.4 10.8 16.2

129 11.0 8.5 12.7



#72

1,2,3-Trichlorobenzene

Concen: 24.979 ug/L

RT: 15.522 min Scan# 2369

Delta R.T. 0.006 min

Lab File: VD079151.D

Acq: 10 Jun 2024 09:58

Tgt Ion:180 Resp: 81247

Ion Ratio Lower Upper

180 100

182 93.9 79.4 119.2

145 30.5 24.7 37.1

