

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091724\
 Data File : VD079850.D
 Acq On : 17 Sep 2024 09:54
 Operator : RP/MD
 Sample : VSTDCCC025
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Sep 18 04:46:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM091024SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Sep 17 04:25:03 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	169120	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.580	117	164956	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	81419	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	131425	17.871	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.480%
7) Chloroethane-d5	2.804	69	112306	19.289	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.160%
11) 1,1-Dichloroethene-d2	3.922	65	25558	19.142	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	76.560%
21) 2-Butanone-d5	6.992	46	27553	40.326	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.660%
24) Chloroform-d	7.569	84	120331	21.645	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.600%
26) 1,2-Dichloroethane-d4	8.234	65	65534	22.543	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.160%
32) Benzene-d6	8.204	84	254864	21.885	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.520%
36) 1,2-Dichloropropane-d6	9.210	67	79863	22.391	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.560%
41) Toluene-d8	10.269	98	235223	22.953	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.800%
43) trans-1,3-Dichloroprop...	10.522	79	33104	21.588	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.360%
47) 2-Hexanone-d5	10.875	63	27233	46.838	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.680%
56) 1,1,2,2-Tetrachloroeth...	12.645	84	63237	24.127	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.520%
66) 1,2-Dichlorobenzene-d4	13.810	152	67657	22.035	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.120%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	61742	19.146	ug/L	97
3) Chloromethane	2.152	50	112770	19.949	ug/L	99
5) Vinyl chloride	2.287	62	139935	20.201	ug/L	98
6) Bromomethane	2.699	94	83696	23.996	ug/L	96
8) Chloroethane	2.840	64	95787	20.930	ug/L	95
9) Trichlorofluoromethane	3.175	101	103791	20.839	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	3.969	101	59751	21.673	ug/L	98
12) 1,1-Dichloroethene	3.940	96	54311	21.151	ug/L	95
13) Acetone	4.022	43	45098	54.138	ug/L	95
14) Carbon disulfide	4.275	76	169779	20.326	ug/L	97
15) Methyl Acetate	4.569	43	30611	23.069	ug/L	98
16) Methylene chloride	4.804	84	71392	21.364	ug/L	93
17) trans-1,2-Dichloroethene	5.316	96	59943	21.894	ug/L	93
18) Methyl tert-butyl Ether	5.322	73	148365	24.088	ug/L #	87
19) 1,1-Dichloroethane	6.116	63	128115	23.557	ug/L	99
20) cis-1,2-Dichloroethene	7.075	96	72155	23.935	ug/L	96
22) 2-Butanone	7.081	43	46939	48.036	ug/L	97
23) Bromochloromethane	7.434	128	29643	23.168	ug/L	92
25) Chloroform	7.598	83	136882	24.179	ug/L	97

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 Response via : Initial Calibration

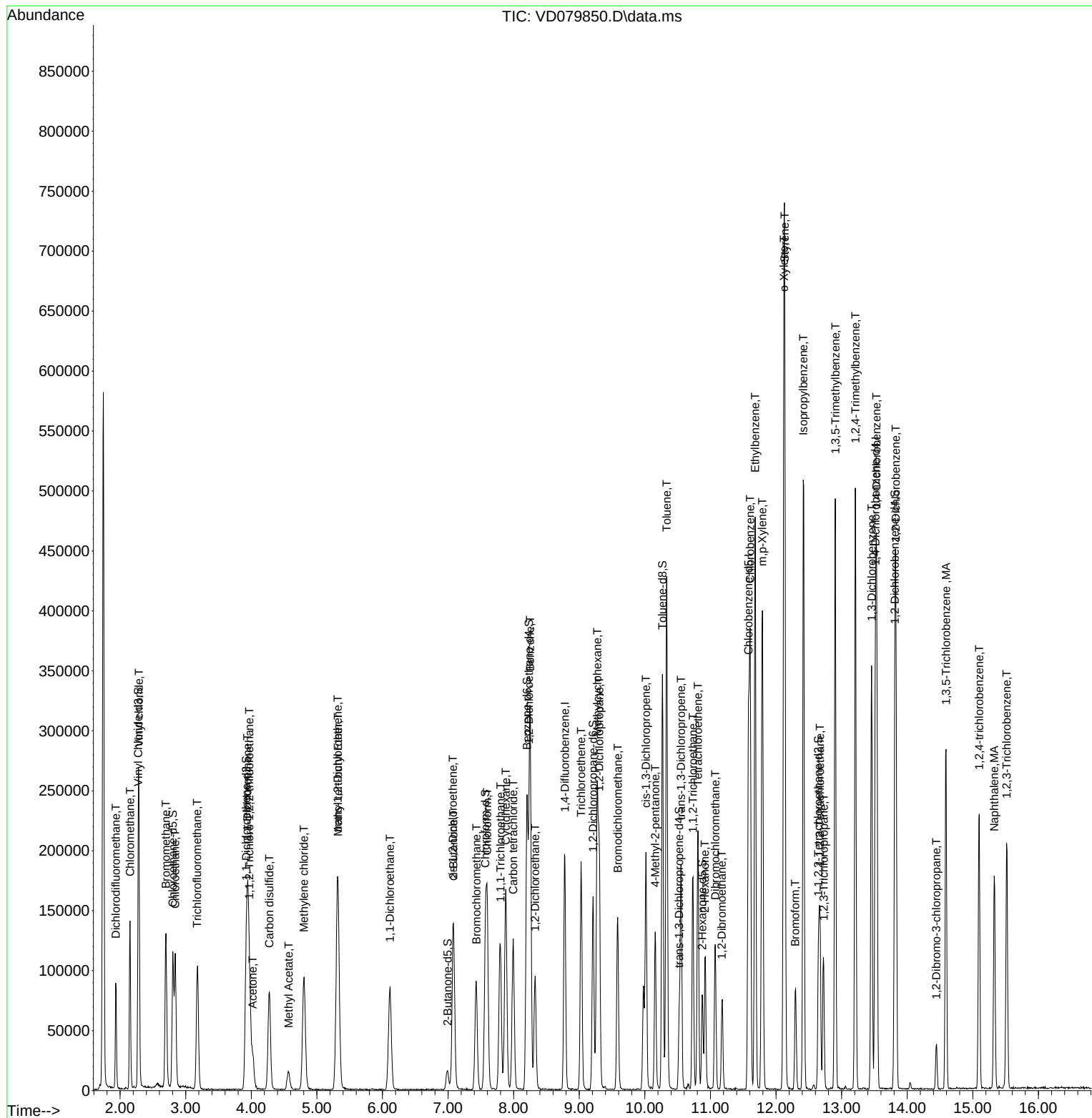
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.328	62	82514	23.848	ug/L	96
29) Cyclohexane	7.881	56	87408	21.423	ug/L	93
30) 1,1,1-Trichloroethane	7.798	97	104282	23.192	ug/L	99
31) Carbon tetrachloride	7.992	117	93318	23.424	ug/L	99
33) Benzene	8.251	78	291976	23.771	ug/L	100
34) Trichloroethene	9.028	95	65228	22.982	ug/L	92
35) Methylcyclohexane	9.275	83	99605	21.747	ug/L	99
37) 1,2-Dichloropropane	9.304	63	81779	24.413	ug/L #	100
38) Bromodichloromethane	9.586	83	95992	24.593	ug/L	94
39) cis-1,3-Dichloropropene	10.016	75	115771	24.612	ug/L	96
40) 4-Methyl-2-pentanone	10.157	43	89427	50.999	ug/L	99
42) Toluene	10.333	91	316272	24.445	ug/L	96
44) trans-1,3-Dichloropropene	10.551	75	105429	25.432	ug/L	100
45) 1,1,2-Trichloroethane	10.733	97	55575	24.284	ug/L	99
46) Tetrachloroethene	10.810	164	45793	23.766	ug/L	98
48) 2-Hexanone	10.916	43	73737	51.698	ug/L	97
49) Dibromochloromethane	11.075	129	62845	25.158	ug/L	99
50) 1,2-Dibromoethane	11.175	107	47255	23.906	ug/L	96
51) Chlorobenzene	11.604	112	195021	25.117	ug/L	96
52) Ethylbenzene	11.680	91	338129	24.878	ug/L	97
53) m,p-Xylene	11.792	106	126811	24.633	ug/L	87
54) o-Xylene	12.122	106	125827	24.928	ug/L	100
55) Styrene	12.133	104	230491	25.982	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.669	83	67126	25.023	ug/L	99
59) Bromoform	12.292	173	33625	23.924	ug/L #	98
60) Isopropylbenzene	12.416	105	331848	23.607	ug/L	100
61) 1,2,3-Trichloropropane	12.727	75	46402	23.186	ug/L	98
62) 1,3,5-Trimethylbenzene	12.904	105	253614	24.670	ug/L	99
63) 1,2,4-Trimethylbenzene	13.210	105	256952	23.834	ug/L	99
64) 1,3-Dichlorobenzene	13.457	146	139155	23.955	ug/L	96
65) 1,4-Dichlorobenzene	13.533	146	147789	24.255	ug/L	98
67) 1,2-Dichlorobenzene	13.827	146	129539	24.672	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.445	75	9876	24.118	ug/L #	85
69) 1,3,5-Trichlorobenzene	14.592	180	81428	23.118	ug/L	97
70) 1,2,4-trichlorobenzene	15.098	180	68651	23.149	ug/L	99
71) Naphthalene	15.327	128	151906	22.933	ug/L	99
72) 1,2,3-Trichlorobenzene	15.516	180	63679	24.005	ug/L	99

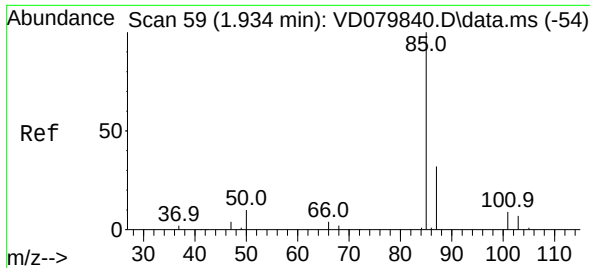
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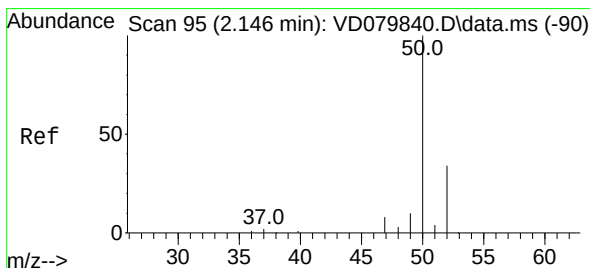
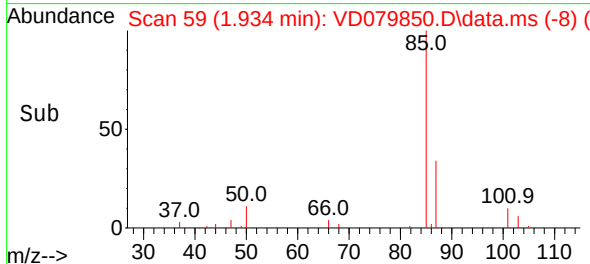
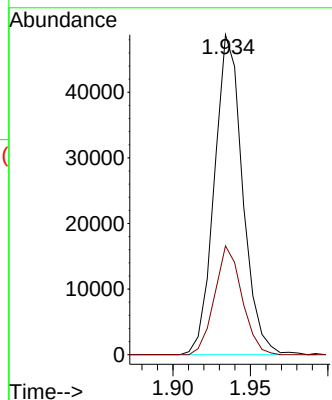
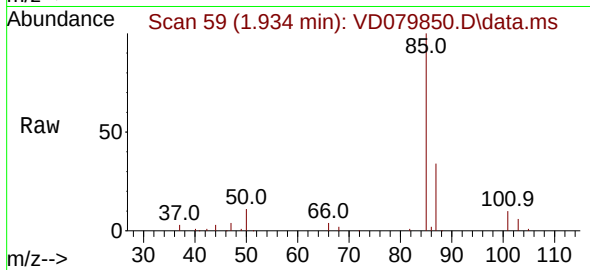




#2
Dichlorodifluoromethane
Concen: 19.146 ug/L
RT: 1.934 min Scan# 59
Delta R.T. -0.000 min
Lab File: VD079850.D
Acq: 17 Sep 2024 09:54

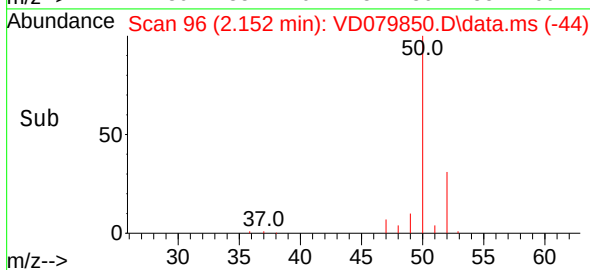
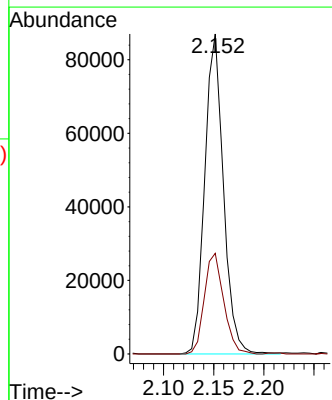
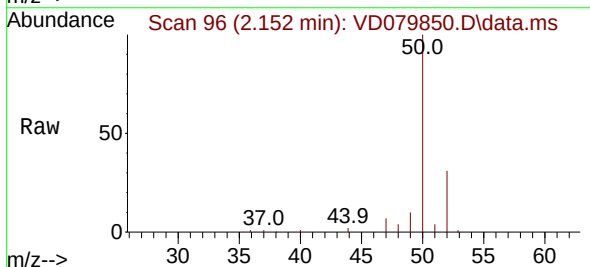
Instrument :
MSVOA_D
ClientSampleId :

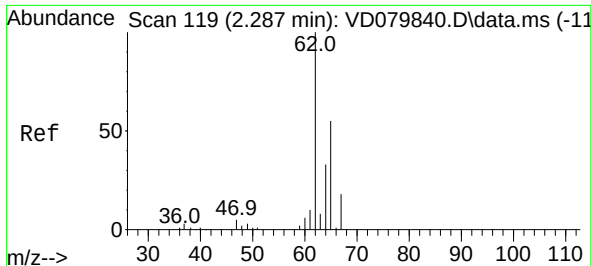
Tgt Ion: 85 Resp: 61742
Ion Ratio Lower Upper
85 100
87 32.9 25.0 37.6



#3
Chloromethane
Concen: 19.949 ug/L
RT: 2.152 min Scan# 96
Delta R.T. 0.006 min
Lab File: VD079850.D
Acq: 17 Sep 2024 09:54

Tgt Ion: 50 Resp: 112770
Ion Ratio Lower Upper
50 100
52 31.5 22.4 41.6

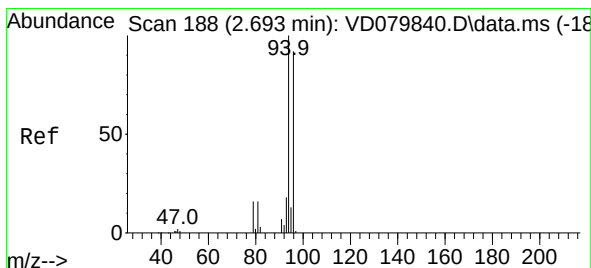
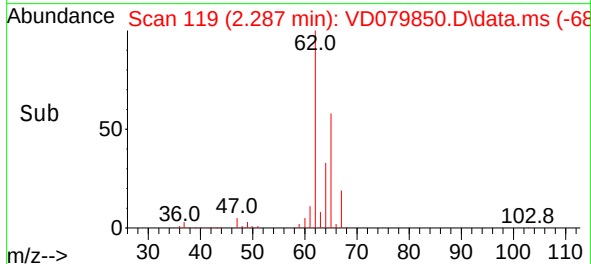
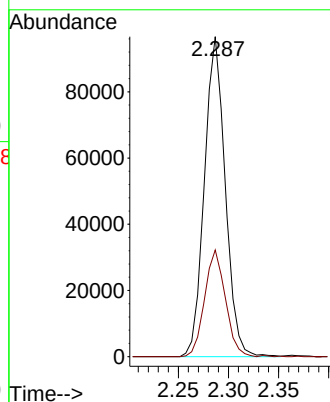
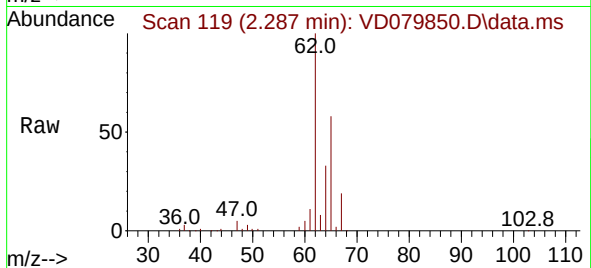




#5
 Vinyl chloride
 Concen: 20.201 ug/L
 RT: 2.287 min Scan# 119
 Delta R.T. -0.000 min
 Lab File: VD079850.D
 Acq: 17 Sep 2024 09:54

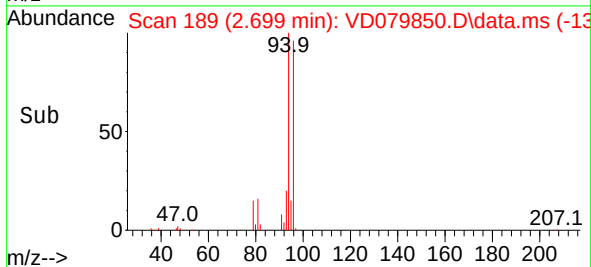
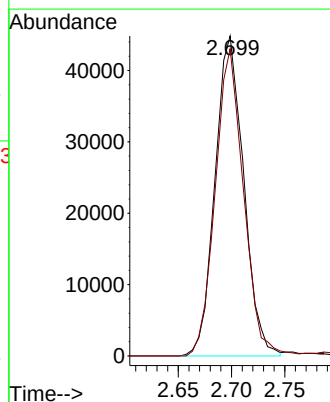
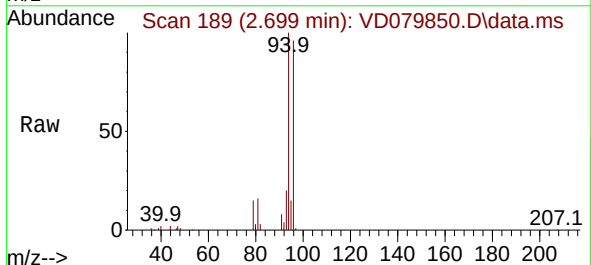
Instrument :
 MSVOA_D
 ClientSampleId :

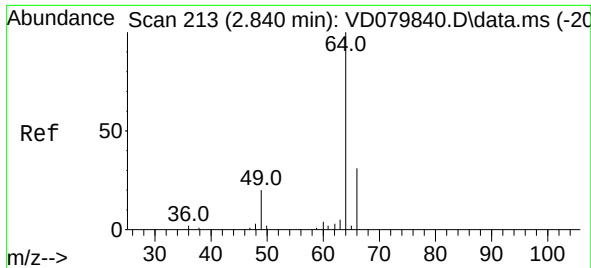
Tgt Ion: 62 Resp: 139935
 Ion Ratio Lower Upper
 62 100
 64 33.3 22.6 42.0



#6
 Bromomethane
 Concen: 23.996 ug/L
 RT: 2.699 min Scan# 189
 Delta R.T. 0.006 min
 Lab File: VD079850.D
 Acq: 17 Sep 2024 09:54

Tgt Ion: 94 Resp: 83696
 Ion Ratio Lower Upper
 94 100
 96 96.0 64.3 119.5

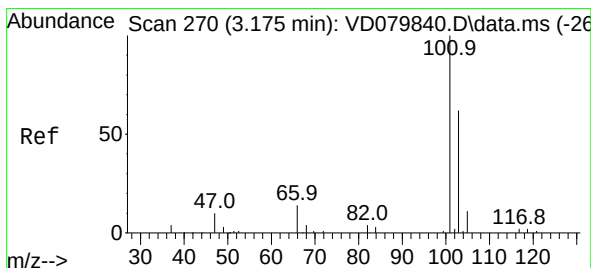
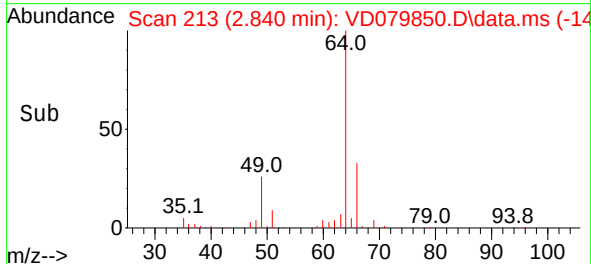
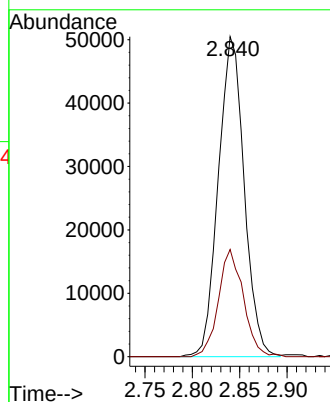
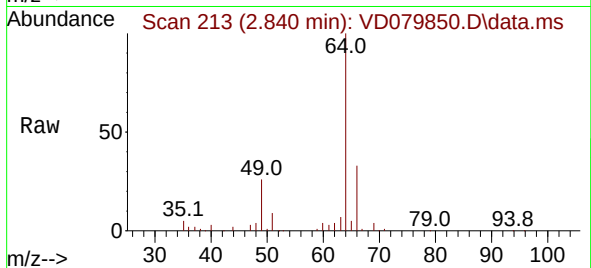




#8
Chloroethane
Concen: 20.930 ug/L
RT: 2.840 min Scan# 213
Delta R.T. -0.000 min
Lab File: VD079850.D
Acq: 17 Sep 2024 09:54

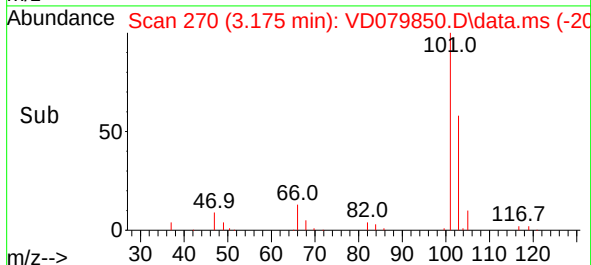
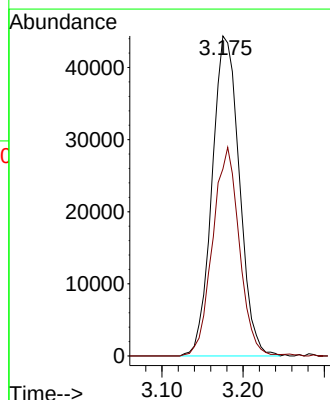
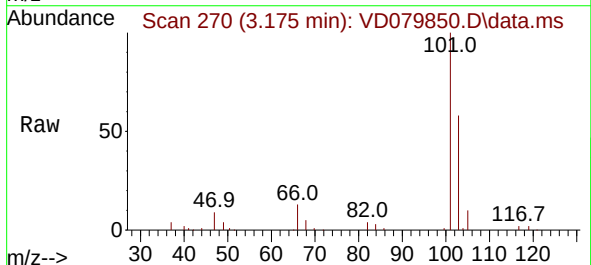
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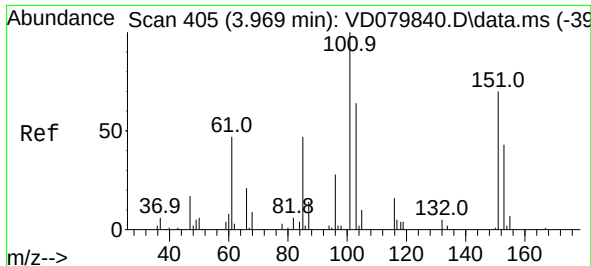
Tgt Ion: 64 Resp: 95787
Ion Ratio Lower Upper
64 100
66 33.5 21.3 39.6



#9
Trichlorofluoromethane
Concen: 20.839 ug/L
RT: 3.175 min Scan# 270
Delta R.T. -0.000 min
Lab File: VD079850.D
Acq: 17 Sep 2024 09:54

Tgt Ion:101 Resp: 103791
Ion Ratio Lower Upper
101 100
103 63.4 50.5 75.7

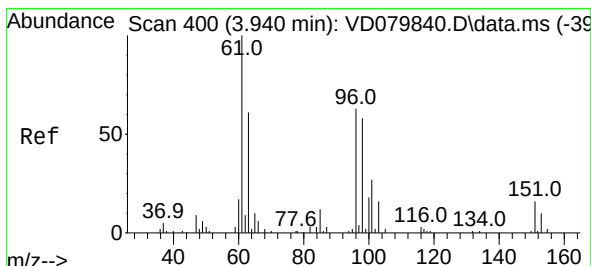
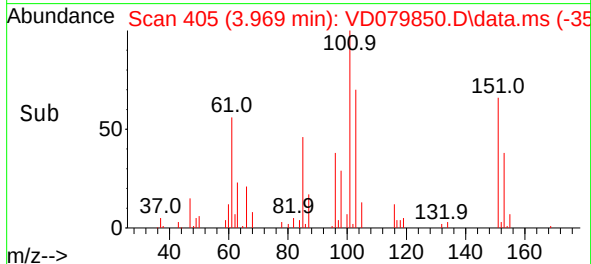
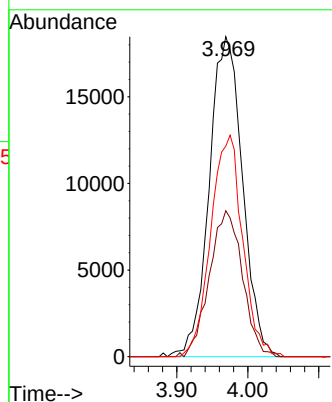
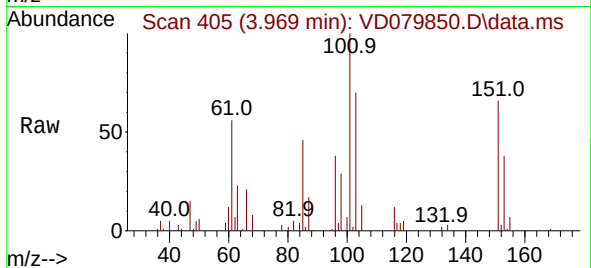




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 21.673 ug/L
RT: 3.969 min Scan# 405
Delta R.T. -0.000 min
Lab File: VD079850.D
Acq: 17 Sep 2024 09:54

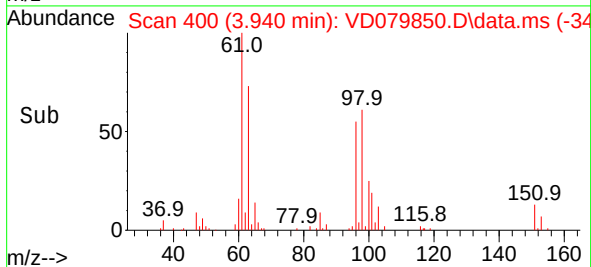
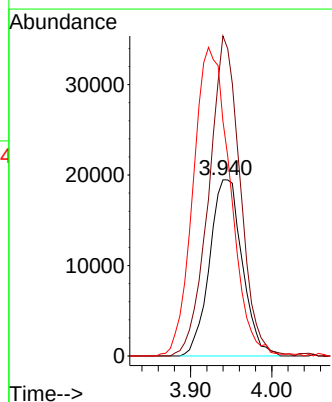
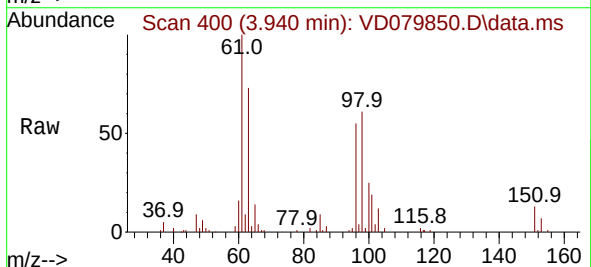
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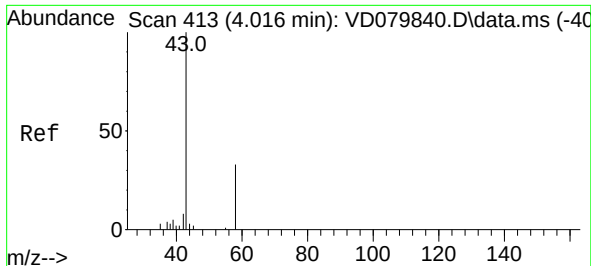
Tgt Ion:101 Resp: 59751
Ion Ratio Lower Upper
101 100
85 45.3 37.8 56.8
151 66.4 54.2 81.4



#12
1,1-Dichloroethene
Concen: 21.151 ug/L
RT: 3.940 min Scan# 400
Delta R.T. -0.000 min
Lab File: VD079850.D
Acq: 17 Sep 2024 09:54

Tgt Ion: 96 Resp: 54311
Ion Ratio Lower Upper
96 100
61 181.6 119.8 222.4
63 133.3 93.9 174.3





#13

Acetone

Concen: 54.138 ug/L

RT: 4.022 min Scan# 41

Delta R.T. 0.006 min

Lab File: VD079850.D

Acq: 17 Sep 2024 09:54

Instrument :

MSVOA_D

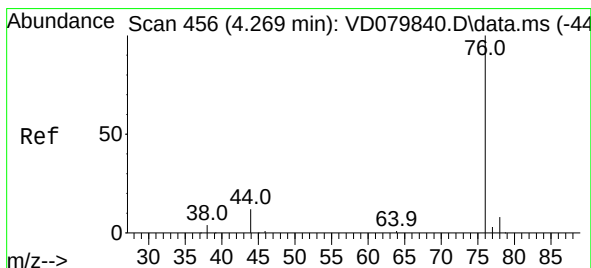
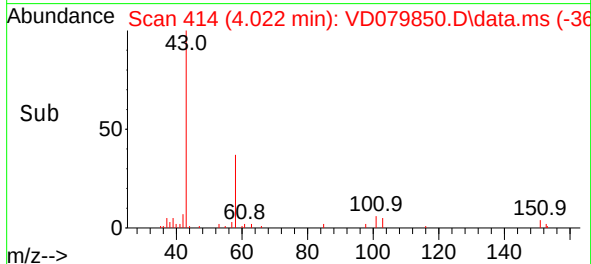
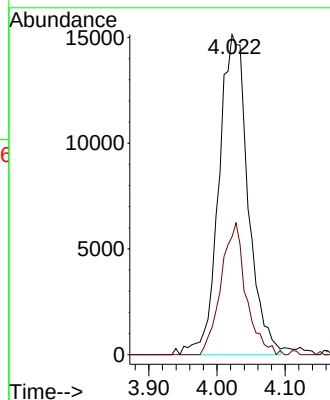
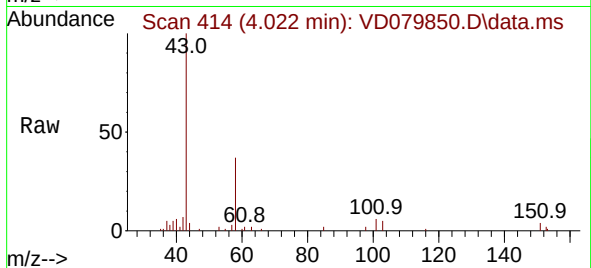
ClientSampleId :

Tgt Ion: 43 Resp: 45098

Ion Ratio Lower Upper

43 100

58 34.7 0.0 75.8



#14

Carbon disulfide

Concen: 20.326 ug/L

RT: 4.275 min Scan# 457

Delta R.T. 0.006 min

Lab File: VD079850.D

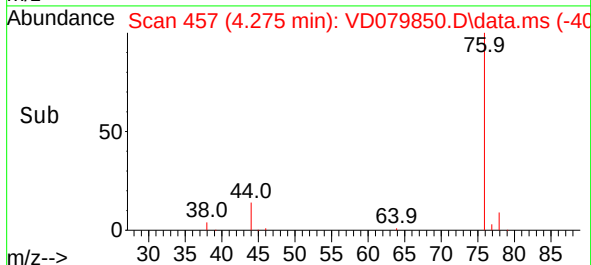
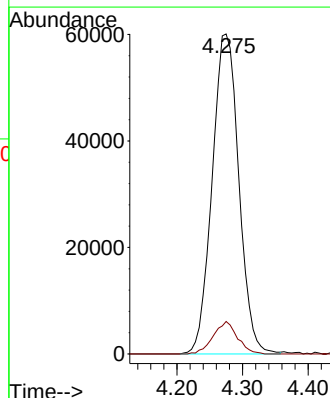
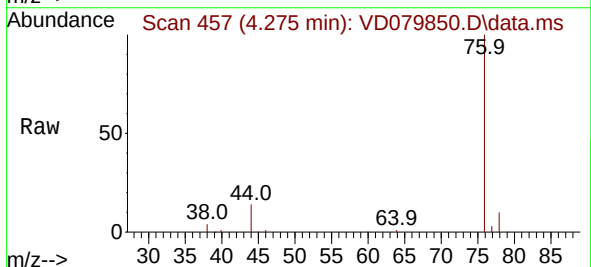
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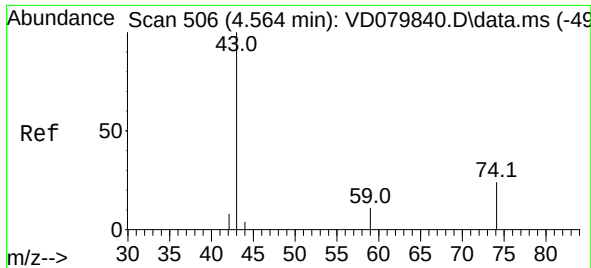
Tgt Ion: 76 Resp: 169779

Ion Ratio Lower Upper

76 100

78 10.1 7.3 10.9

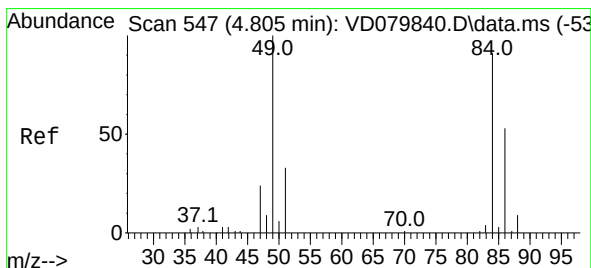
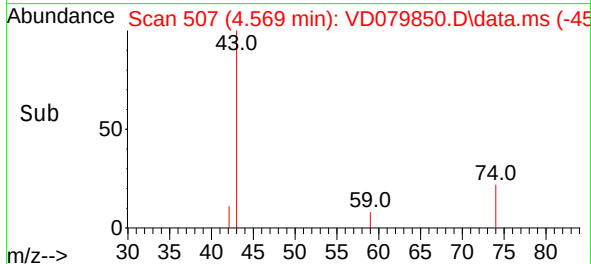
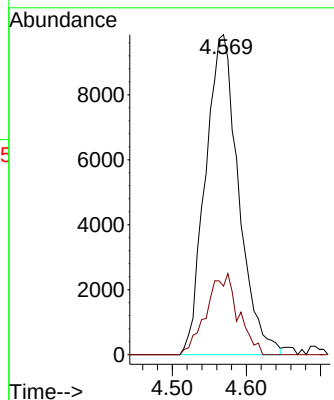
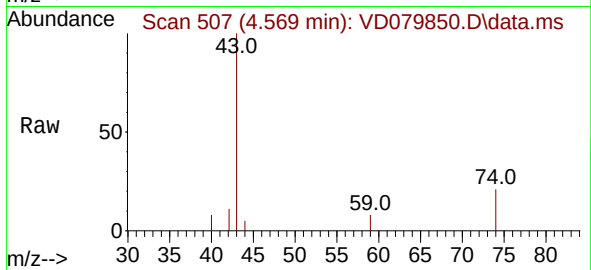




#15
Methyl Acetate
Concen: 23.069 ug/L
RT: 4.569 min Scan# 506
Delta R.T. 0.006 min
Lab File: VD079850.D
Acq: 17 Sep 2024 09:54

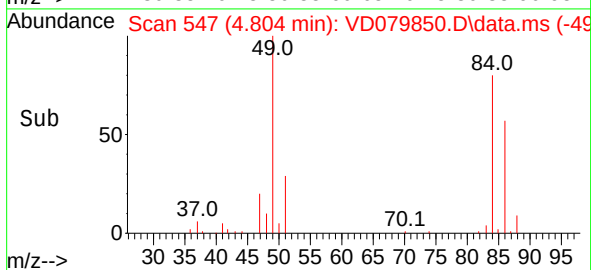
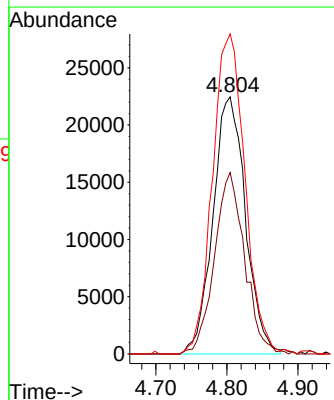
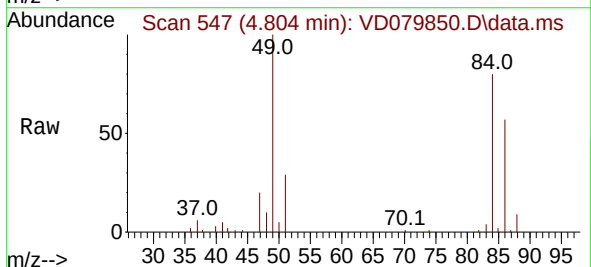
Instrument :
MSVOA_D
ClientSampleId :

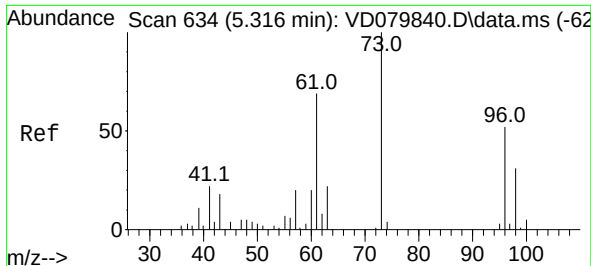
Tgt Ion: 43 Resp: 30611
Ion Ratio Lower Upper
43 100
74 14.1 11.9 17.9



#16
Methylene chloride
Concen: 21.364 ug/L
RT: 4.804 min Scan# 547
Delta R.T. -0.000 min
Lab File: VD079850.D
Acq: 17 Sep 2024 09:54

Tgt Ion: 84 Resp: 71392
Ion Ratio Lower Upper
84 100
86 70.5 41.0 76.2
49 124.4 90.0 167.2





#17

trans-1,2-Dichloroethene

Concen: 21.894 ug/L

RT: 5.316 min Scan# 61

Delta R.T. -0.000 min

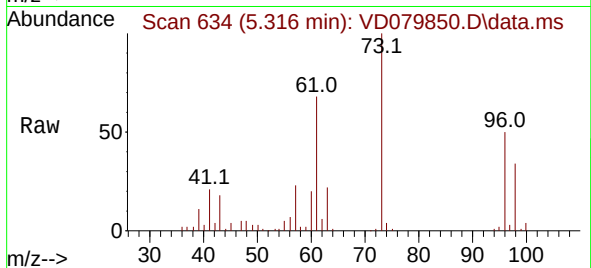
Lab File: VD079850.D

Acq: 17 Sep 2024 09:54

Instrument :

MSVOA_D

ClientSampleId :



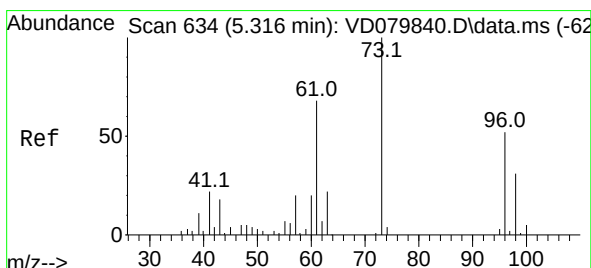
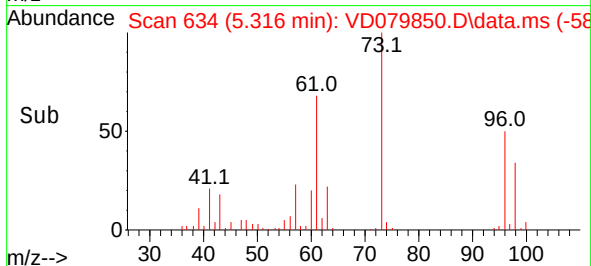
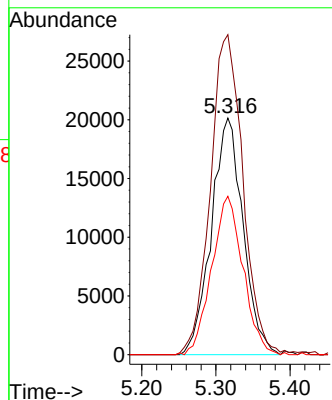
Tgt Ion: 96 Resp: 59943

Ion Ratio Lower Upper

96 100

61 135.3 88.7 164.7

98 66.9 43.8 81.3



#18

Methyl tert-butyl Ether

Concen: 24.088 ug/L

RT: 5.322 min Scan# 635

Delta R.T. 0.006 min

Lab File: VD079850.D

Acq: 17 Sep 2024 09:54

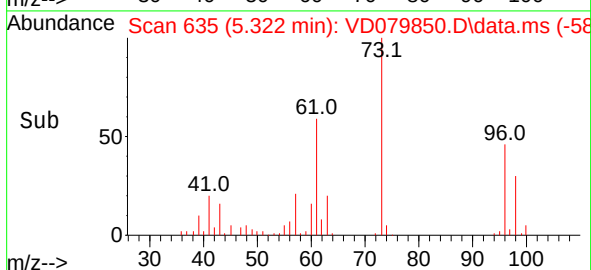
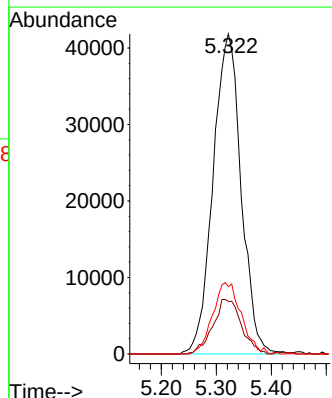
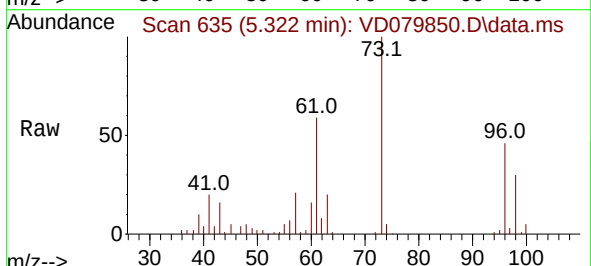
Tgt Ion: 73 Resp: 148365

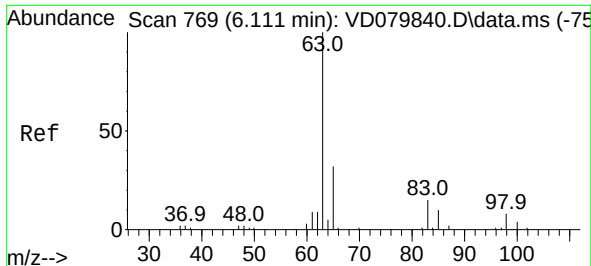
Ion Ratio Lower Upper

73 100

43 17.3 14.5 21.7

57 13.2 18.8 28.2#

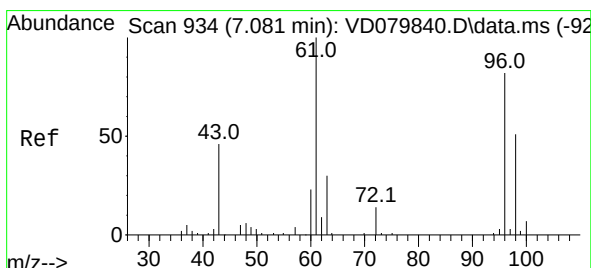
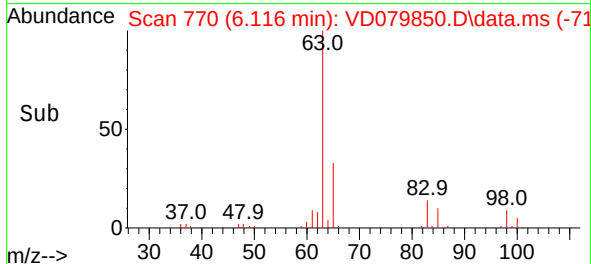
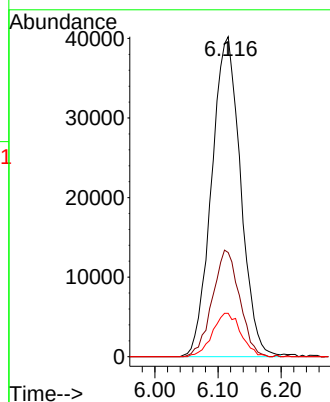
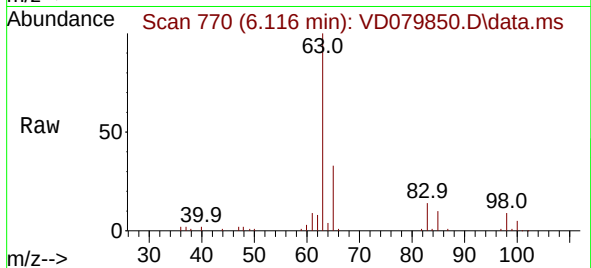




#19
1,1-Dichloroethane
Concen: 23.557 ug/L
RT: 6.116 min Scan# 71
Delta R.T. 0.006 min
Lab File: VD079850.D
Acq: 17 Sep 2024 09:54

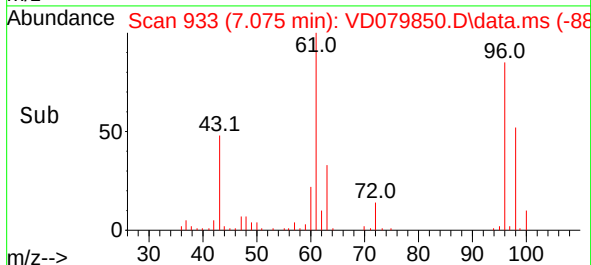
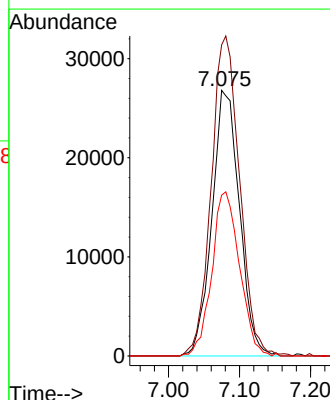
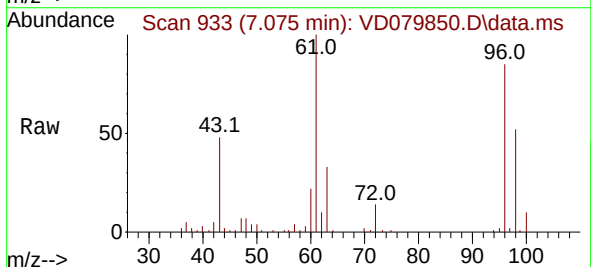
Instrument :
MSVOA_D
ClientSampleId :

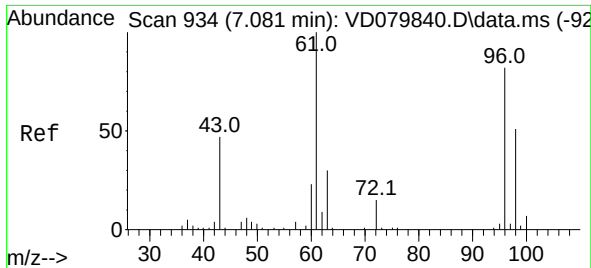
Tgt Ion: 63 Resp: 128115
Ion Ratio Lower Upper
63 100
65 32.6 22.6 42.0
83 13.6 9.0 16.8



#20
cis-1,2-Dichloroethene
Concen: 23.935 ug/L
RT: 7.075 min Scan# 933
Delta R.T. -0.006 min
Lab File: VD079850.D
Acq: 17 Sep 2024 09:54

Tgt Ion: 96 Resp: 72155
Ion Ratio Lower Upper
96 100
61 117.2 83.8 155.6
98 60.6 45.9 85.3

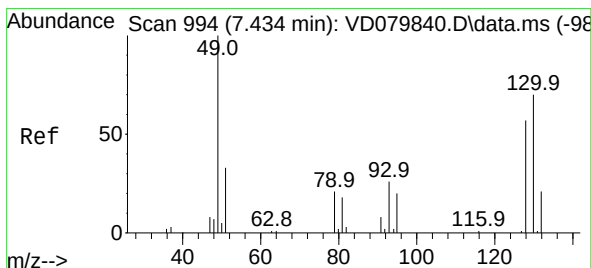
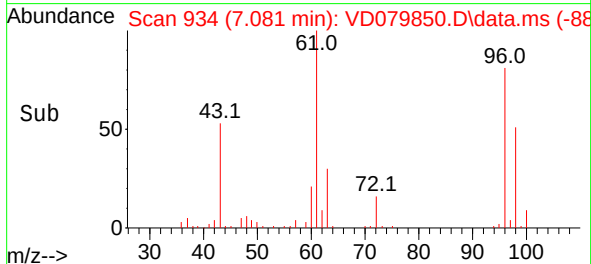
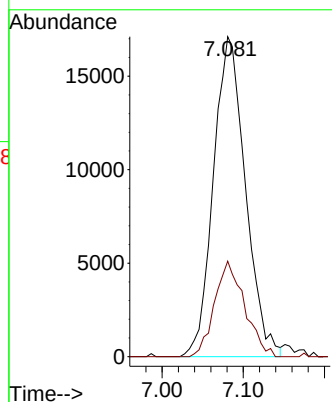
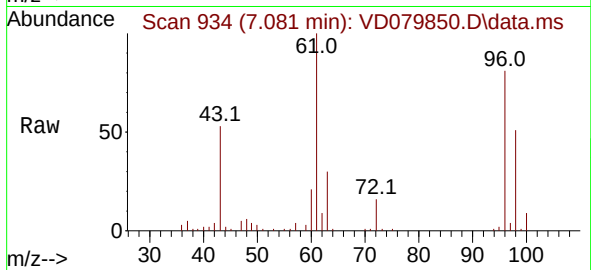




#22
2-Butanone
Concen: 48.036 ug/L
RT: 7.081 min Scan# 934
Delta R.T. -0.000 min
Lab File: VD079850.D
Acq: 17 Sep 2024 09:54

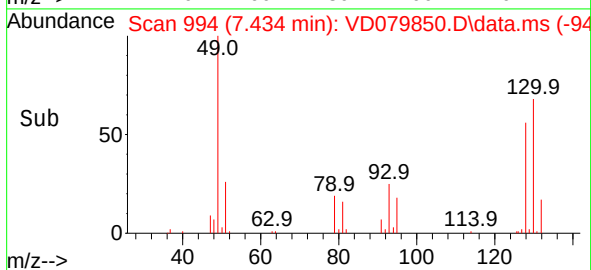
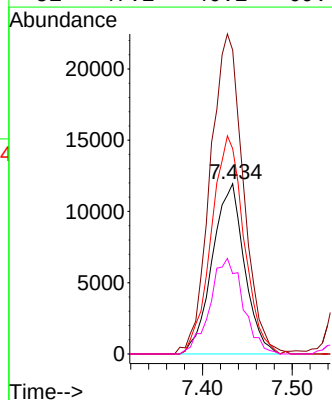
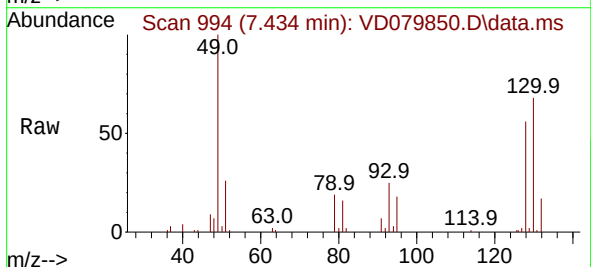
Instrument :
MSVOA_D
ClientSampleId :

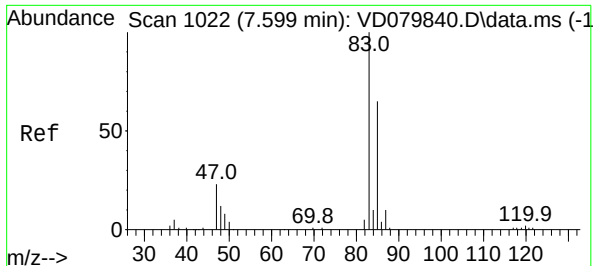
Tgt Ion: 43 Resp: 46939
Ion Ratio Lower Upper
43 100
72 27.9 13.1 39.3



#23
Bromochloromethane
Concen: 23.168 ug/L
RT: 7.434 min Scan# 994
Delta R.T. -0.000 min
Lab File: VD079850.D
Acq: 17 Sep 2024 09:54

Tgt Ion:128 Resp: 29643
Ion Ratio Lower Upper
128 100
49 178.4 132.3 245.7
130 120.5 89.4 166.0
51 47.2 46.2 69.4





#25

Chloroform

Concen: 24.179 ug/L

RT: 7.598 min Scan# 1022

Delta R.T. -0.000 min

Lab File: VD079850.D

Acq: 17 Sep 2024 09:54

Instrument :

MSVOA_D

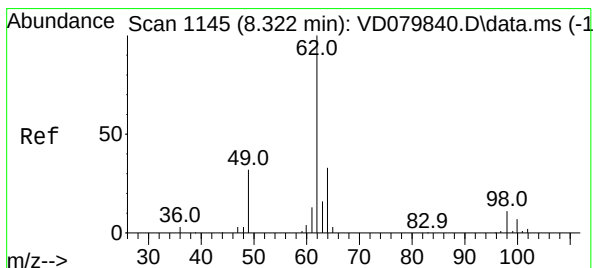
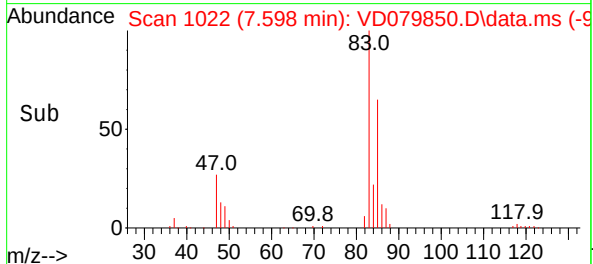
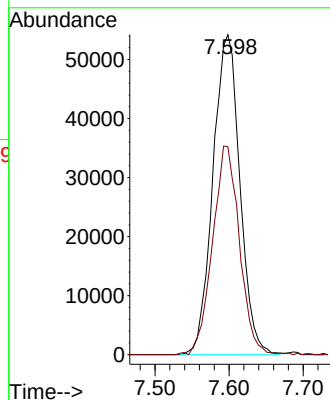
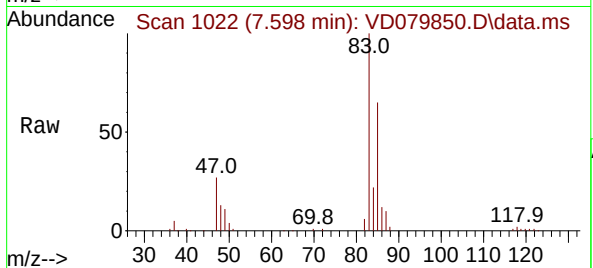
ClientSampleId :

Tgt Ion: 83 Resp: 136882

Ion Ratio Lower Upper

83 100

85 64.9 47.3 87.9



#27

1,2-Dichloroethane

Concen: 23.848 ug/L

RT: 8.328 min Scan# 1146

Delta R.T. 0.006 min

Lab File: VD079850.D

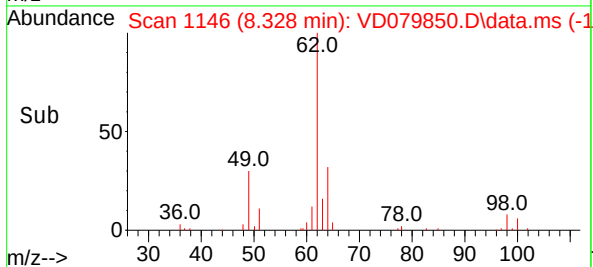
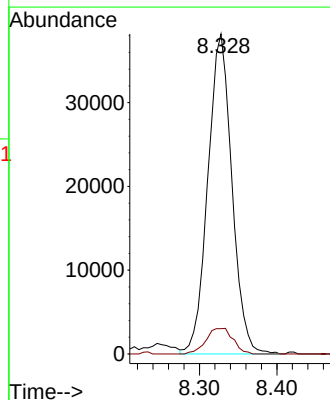
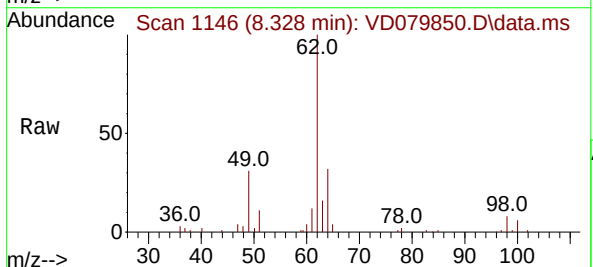
Acq: 17 Sep 2024 09:54

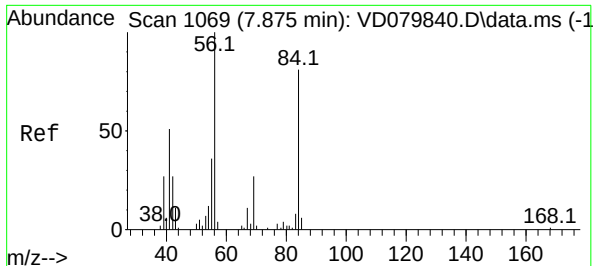
Tgt Ion: 62 Resp: 82514

Ion Ratio Lower Upper

62 100

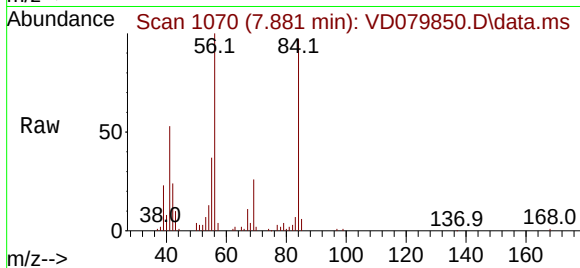
98 7.9 7.5 11.3



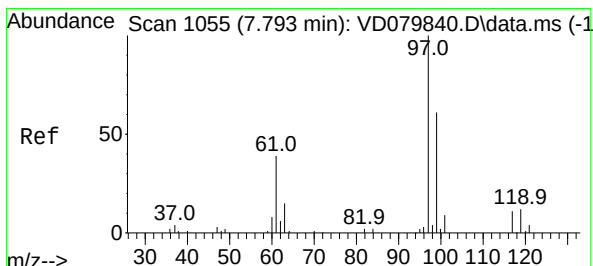
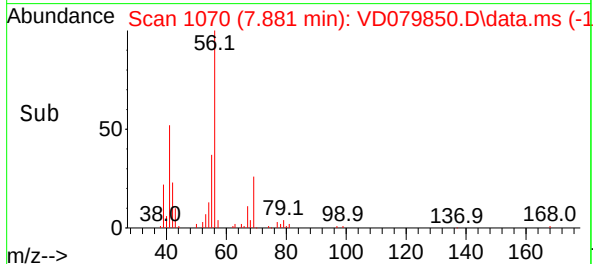
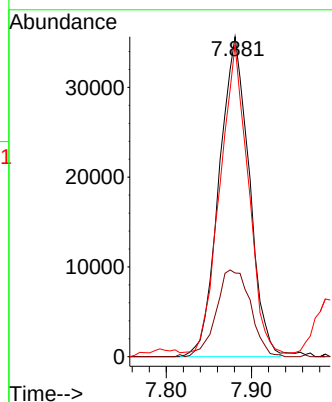


#29
Cyclohexane
Concen: 21.423 ug/L
RT: 7.881 min Scan# 1070
Delta R.T. 0.006 min
Lab File: VD079850.D
Acq: 17 Sep 2024 09:54

Instrument :
MSVOA_D
ClientSampleId :

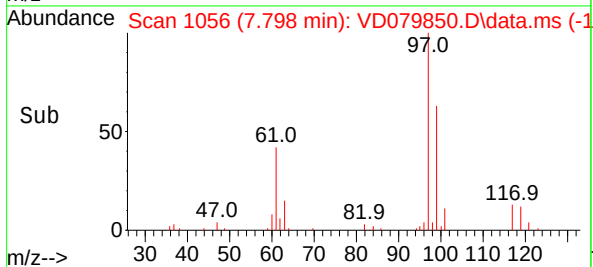
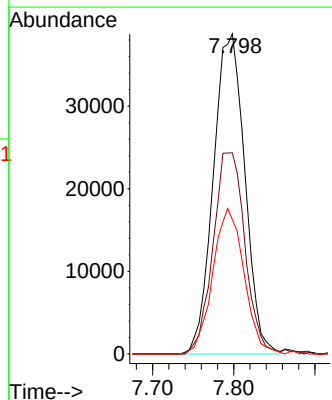
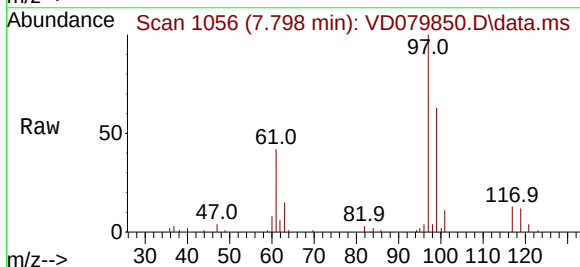


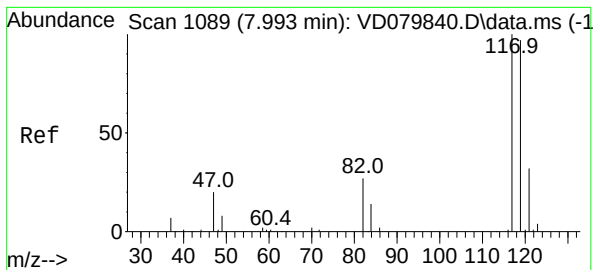
Tgt Ion: 56 Resp: 87408
Ion Ratio Lower Upper
56 100
69 30.8 22.8 34.2
84 93.3 69.1 103.7



#30
1,1,1-Trichloroethane
Concen: 23.192 ug/L
RT: 7.798 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VD079850.D
Acq: 17 Sep 2024 09:54

Tgt Ion: 97 Resp: 104282
Ion Ratio Lower Upper
97 100
99 63.7 51.9 77.9
61 45.2 35.4 53.2

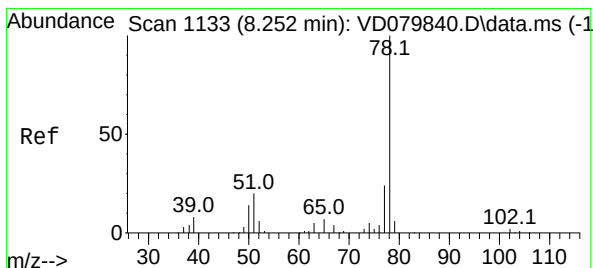
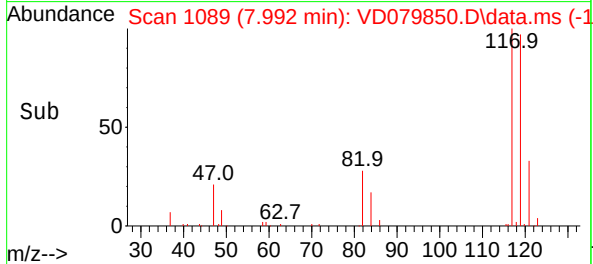
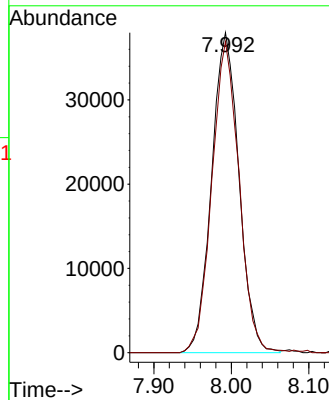
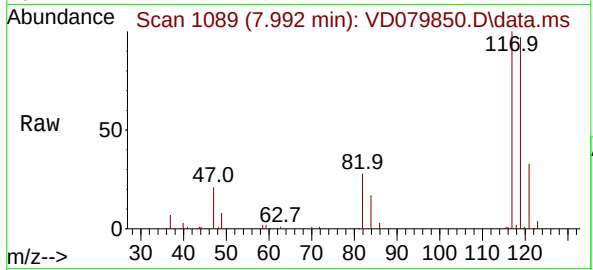




#31
Carbon tetrachloride
Concen: 23.424 ug/L
RT: 7.992 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD079850.D
Acq: 17 Sep 2024 09:54

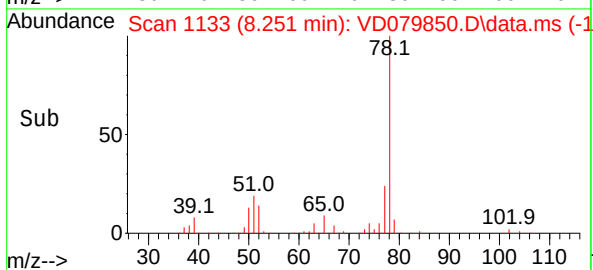
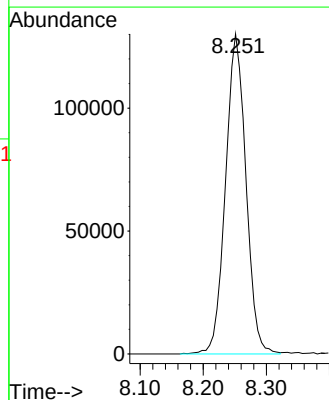
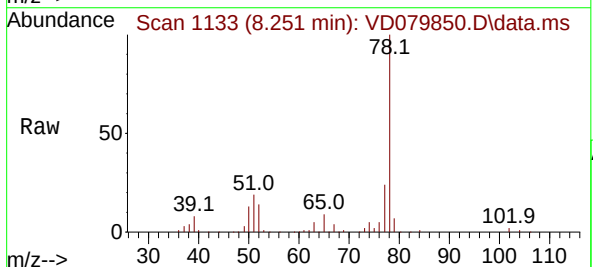
Instrument :
MSVOA_D
ClientSampleId :

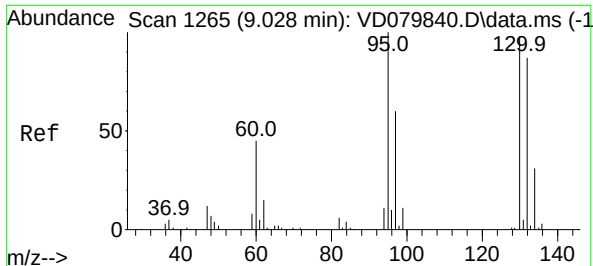
Tgt Ion:117 Resp: 93318
Ion Ratio Lower Upper
117 100
119 96.2 76.0 114.0



#33
Benzene
Concen: 23.771 ug/L
RT: 8.251 min Scan# 1133
Delta R.T. -0.000 min
Lab File: VD079850.D
Acq: 17 Sep 2024 09:54

Tgt Ion: 78 Resp: 291976





#34

Trichloroethene

Concen: 22.982 ug/L

RT: 9.028 min Scan# 1265

Delta R.T. -0.000 min

Lab File: VD079850.D

Acq: 17 Sep 2024 09:54

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 95 Resp: 65228

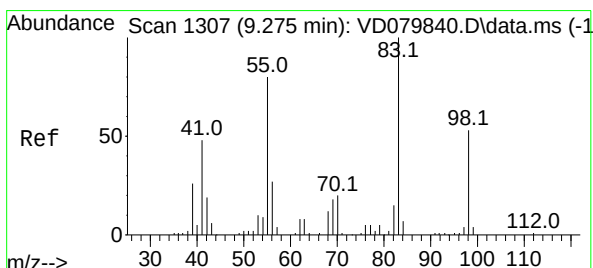
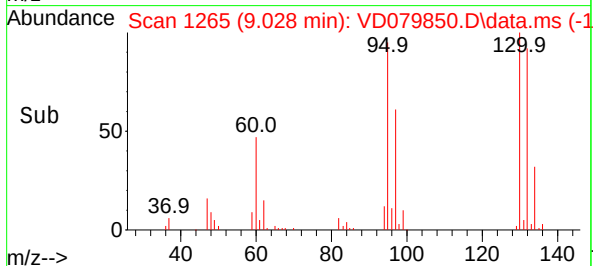
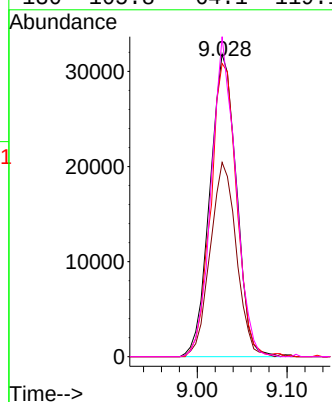
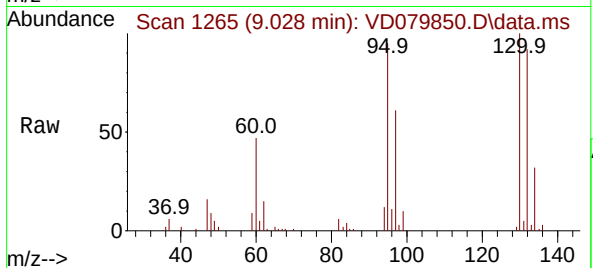
Ion Ratio Lower Upper

95 100

97 64.2 43.5 80.7

132 96.9 64.5 119.7

130 105.8 64.1 119.1



#35

Methylcyclohexane

Concen: 21.747 ug/L

RT: 9.275 min Scan# 1307

Delta R.T. -0.000 min

Lab File: VD079850.D

Acq: 17 Sep 2024 09:54

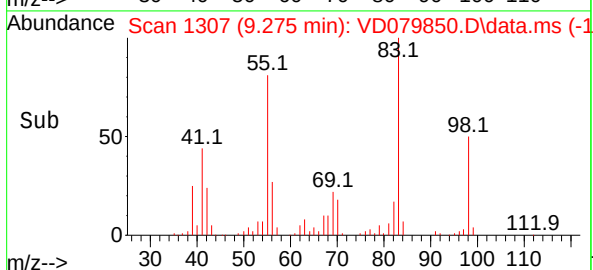
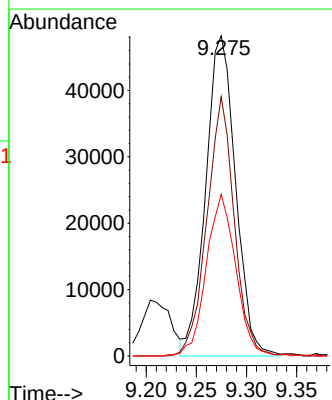
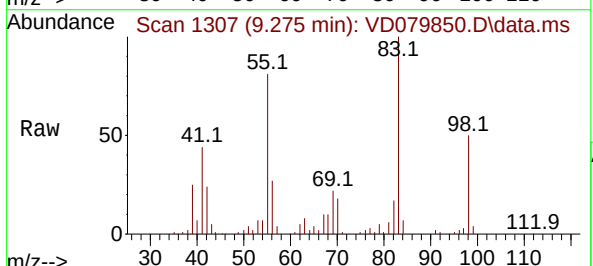
Tgt Ion: 83 Resp: 99605

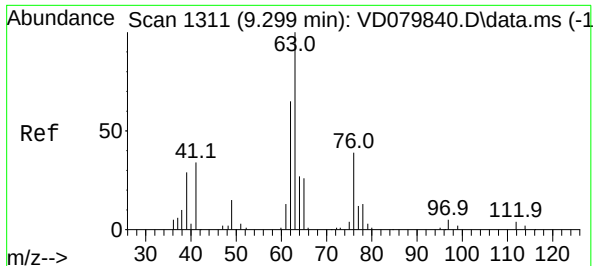
Ion Ratio Lower Upper

83 100

55 74.2 58.9 88.3

98 49.9 38.6 58.0

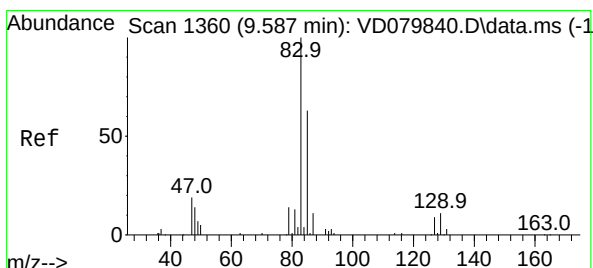
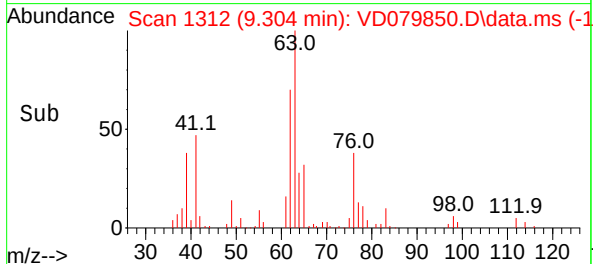
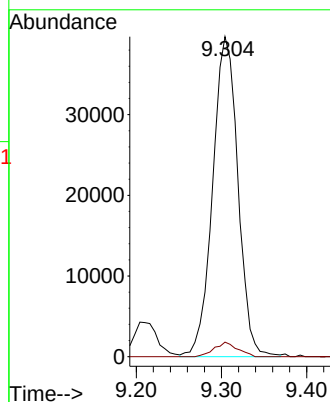
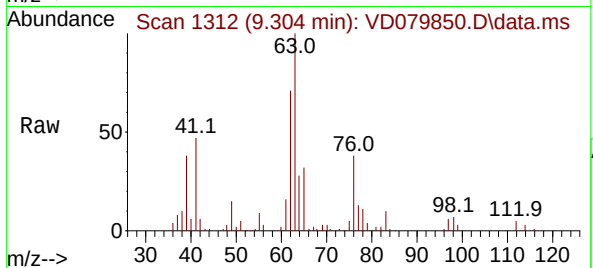




#37
1,2-Dichloropropane
Concen: 24.413 ug/L
RT: 9.304 min Scan# 1312
Delta R.T. 0.006 min
Lab File: VD079850.D
Acq: 17 Sep 2024 09:54

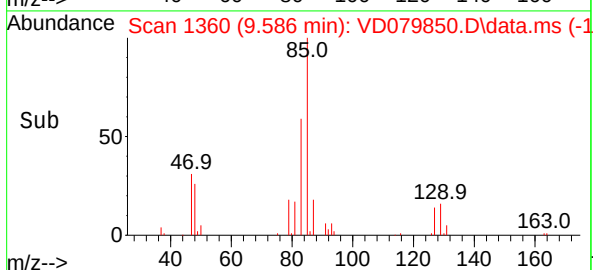
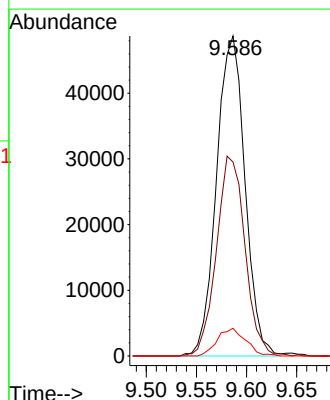
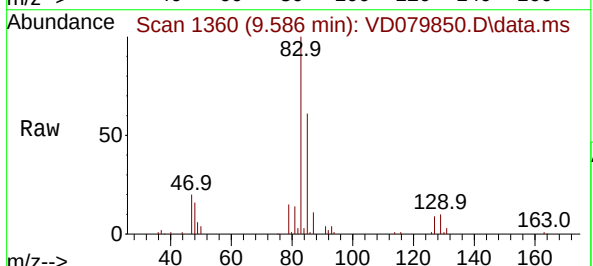
Instrument :
MSVOA_D
ClientSampleId :

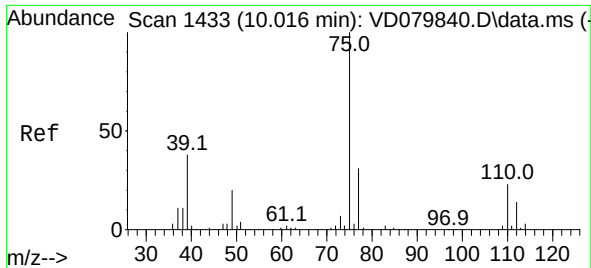
Tgt Ion: 63 Resp: 81779
Ion Ratio Lower Upper
63 100
112 4.2 0.0 0.0#



#38
Bromodichloromethane
Concen: 24.593 ug/L
RT: 9.586 min Scan# 1360
Delta R.T. -0.000 min
Lab File: VD079850.D
Acq: 17 Sep 2024 09:54

Tgt Ion: 83 Resp: 95992
Ion Ratio Lower Upper
83 100
85 60.6 45.9 85.3
127 8.7 6.7 10.1





#39

cis-1,3-Dichloropropene

Concen: 24.612 ug/L

RT: 10.016 min Scan# 1433

Delta R.T. -0.000 min

Lab File: VD079850.D

Acq: 17 Sep 2024 09:54

Instrument :

MSVOA_D

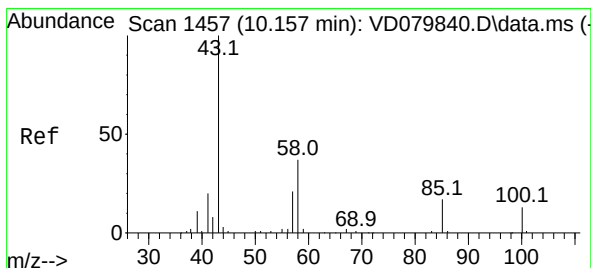
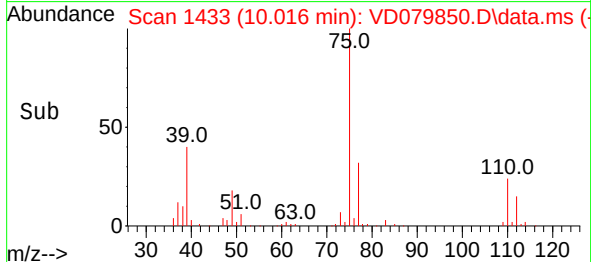
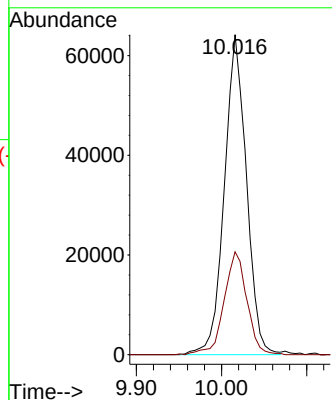
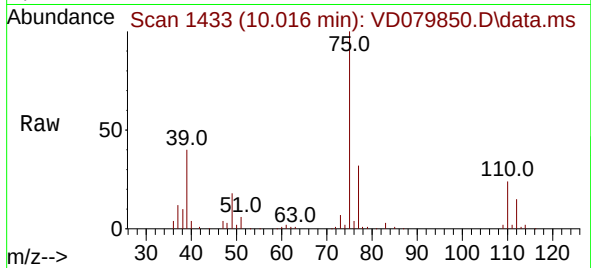
ClientSampleId :

Tgt Ion: 75 Resp: 115771

Ion Ratio Lower Upper

75 100

77 32.2 24.1 44.8



#40

4-Methyl-2-pentanone

Concen: 50.999 ug/L

RT: 10.157 min Scan# 1457

Delta R.T. -0.000 min

Lab File: VD079850.D

Acq: 17 Sep 2024 09:54

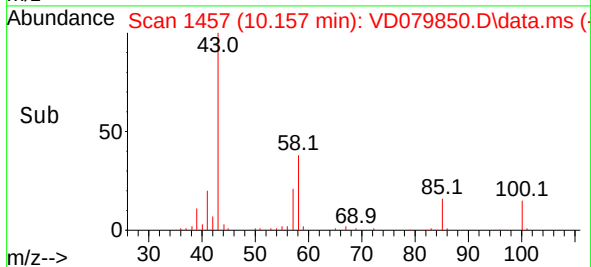
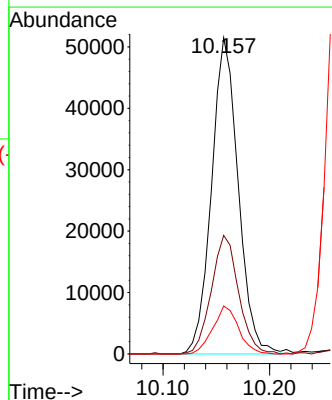
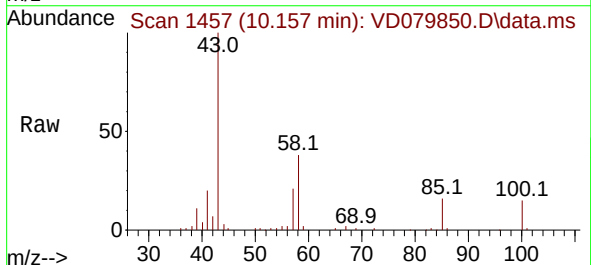
Tgt Ion: 43 Resp: 89427

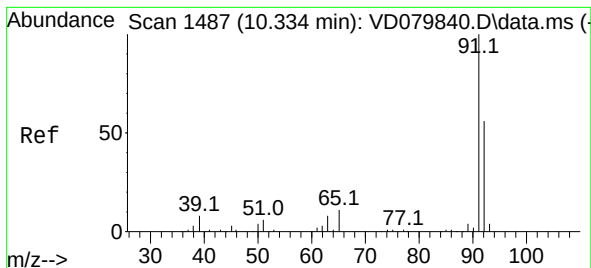
Ion Ratio Lower Upper

43 100

58 38.3 31.1 46.7

100 14.7 11.8 17.6





#42

Toluene

Concen: 24.445 ug/L

RT: 10.333 min Scan# 1487

Delta R.T. -0.000 min

Lab File: VD079850.D

Acq: 17 Sep 2024 09:54

Instrument :

MSVOA_D

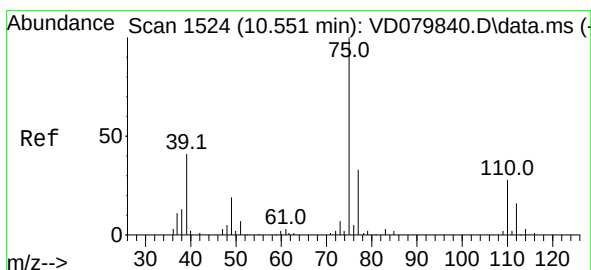
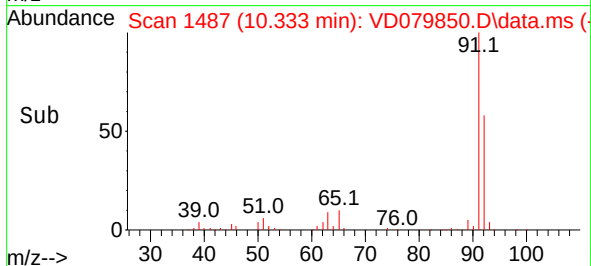
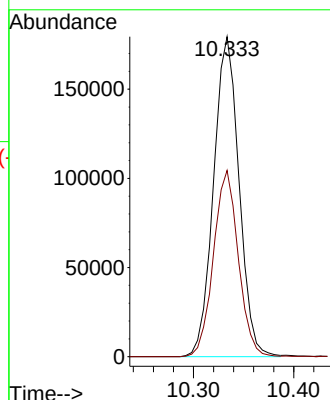
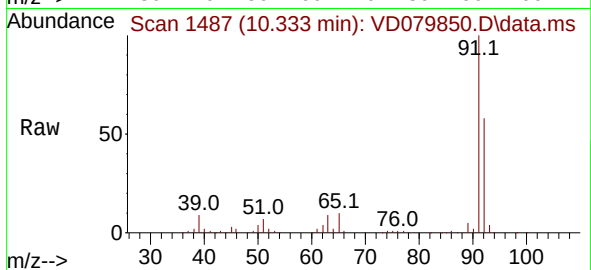
ClientSampleId :

Tgt Ion: 91 Resp: 316272

Ion Ratio Lower Upper

91 100

92 58.2 38.6 71.8



#44

trans-1,3-Dichloropropene

Concen: 25.432 ug/L

RT: 10.551 min Scan# 1524

Delta R.T. -0.000 min

Lab File: VD079850.D

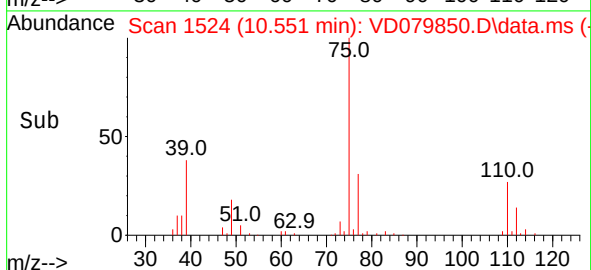
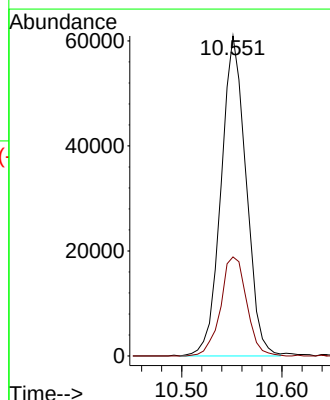
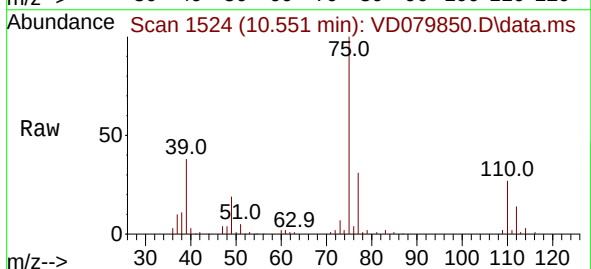
Acq: 17 Sep 2024 09:54

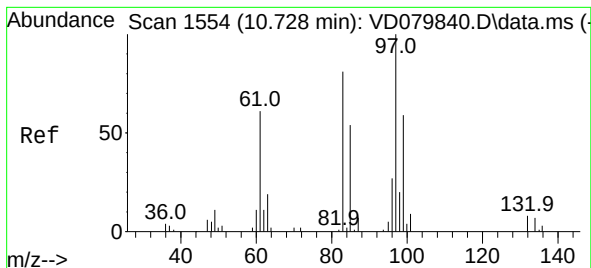
Tgt Ion: 75 Resp: 105429

Ion Ratio Lower Upper

75 100

77 30.9 21.8 40.4





#45

1,1,2-Trichloroethane

Concen: 24.284 ug/L

RT: 10.733 min Scan# 1555

Delta R.T. 0.006 min

Lab File: VD079850.D

Acq: 17 Sep 2024 09:54

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 97 Resp: 55575

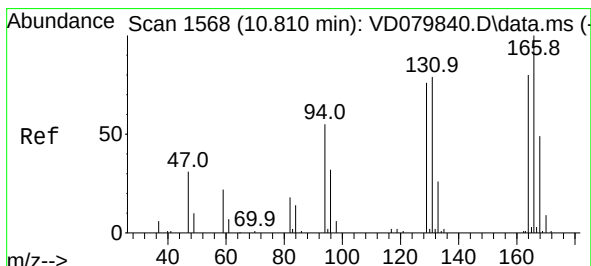
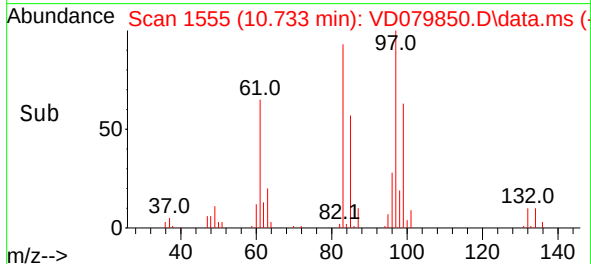
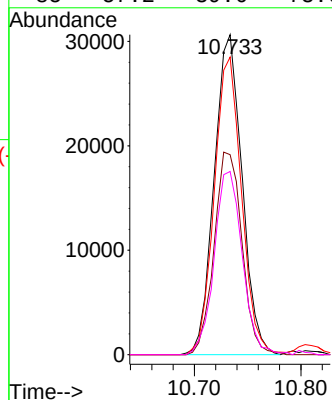
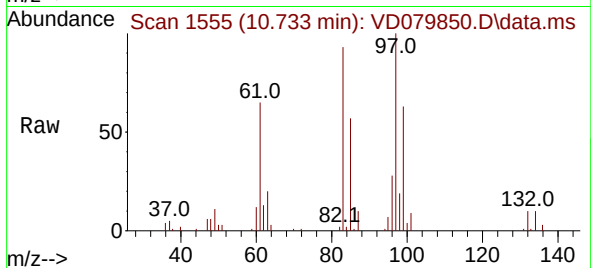
Ion Ratio Lower Upper

97 100

99 62.5 45.1 83.7

83 93.0 65.2 121.0

85 57.2 39.6 73.6



#46

Tetrachloroethene

Concen: 23.766 ug/L

RT: 10.810 min Scan# 1568

Delta R.T. -0.000 min

Lab File: VD079850.D

Acq: 17 Sep 2024 09:54

Tgt Ion:164 Resp: 45793

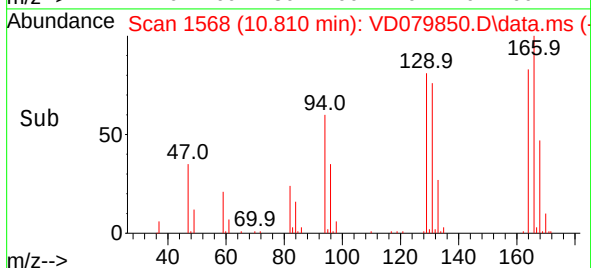
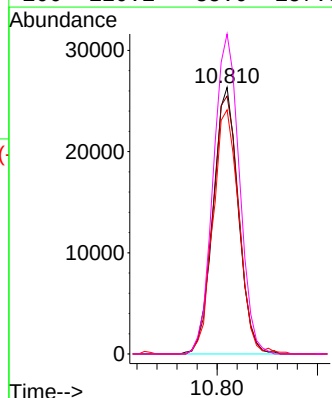
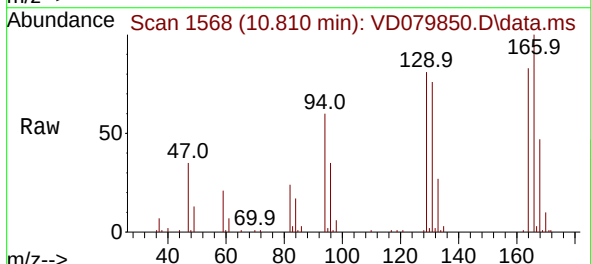
Ion Ratio Lower Upper

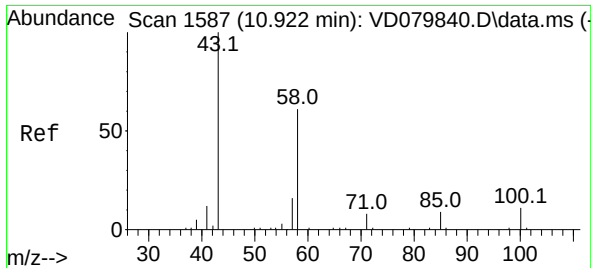
164 100

129 96.8 68.7 127.5

131 91.6 62.5 116.1

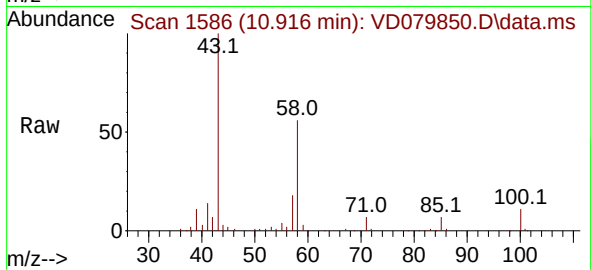
166 120.1 85.0 157.8



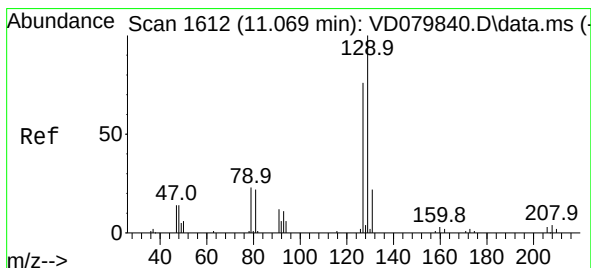
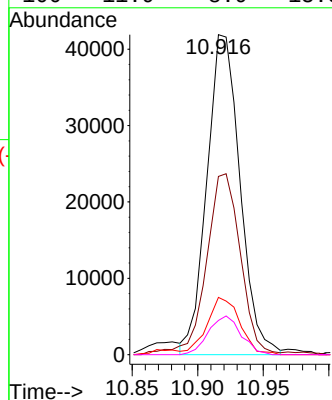
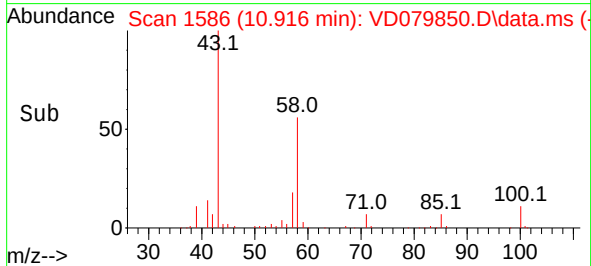


#48
2-Hexanone
Concen: 51.698 ug/L
RT: 10.916 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VD079850.D
Acq: 17 Sep 2024 09:54

Instrument :
MSVOA_D
ClientSampleId :

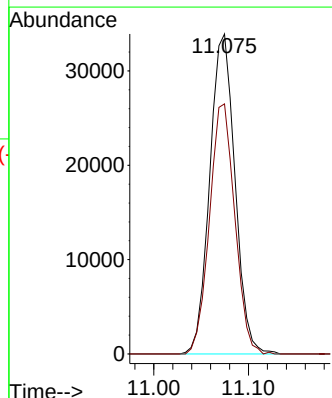
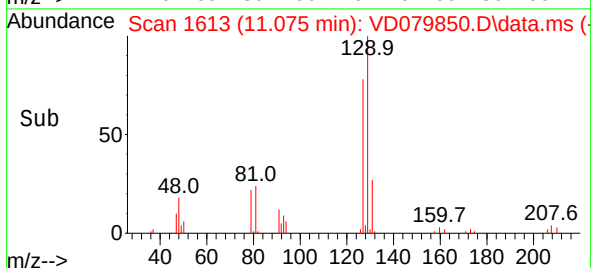
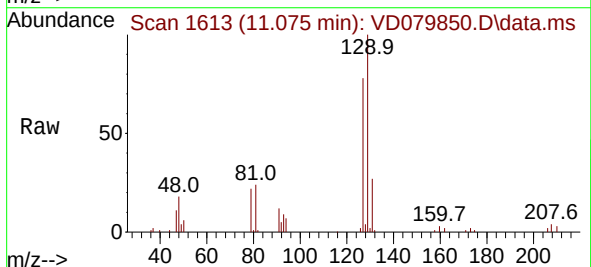


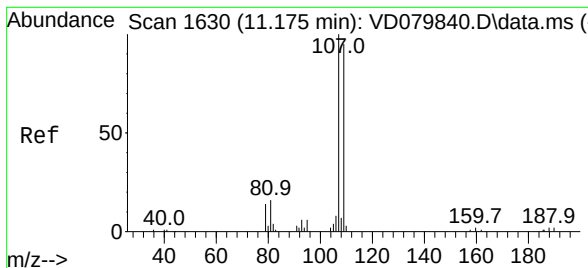
Tgt Ion: 43	Resp: 73737
Ion Ratio	Lower Upper
43 100	
58 58.1	44.7 67.1
57 16.4	13.6 20.4
100 11.9	8.9 13.3



#49
Dibromochloromethane
Concen: 25.158 ug/L
RT: 11.075 min Scan# 1613
Delta R.T. 0.006 min
Lab File: VD079850.D
Acq: 17 Sep 2024 09:54

Tgt Ion:129	Resp: 62845		
Ion Ratio	Lower	Upper	
129 100			
127 78.1	55.2	102.6	





#50

1,2-Dibromoethane

Concen: 23.906 ug/L

RT: 11.175 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD079850.D

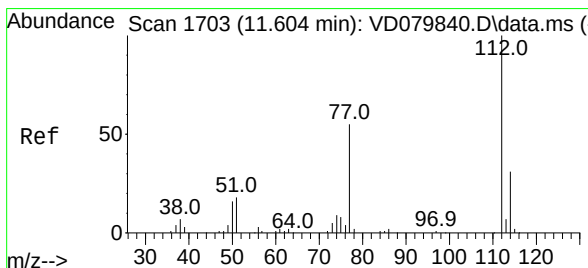
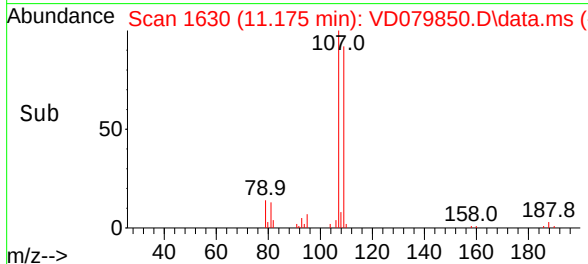
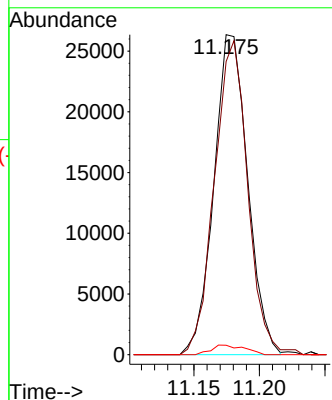
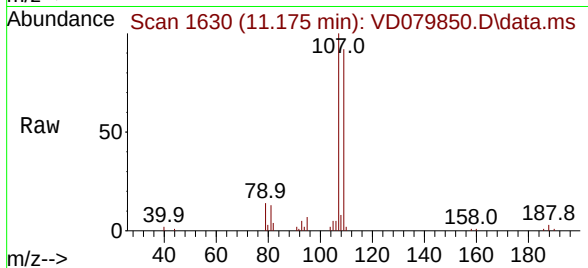
Acq: 17 Sep 2024 09:54

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	107	Resp:	47255
Ion	Ratio	Lower	Upper
107	100		
109	91.6	61.5	114.1
188	3.0	2.3	3.5



#51

Chlorobenzene

Concen: 25.117 ug/L

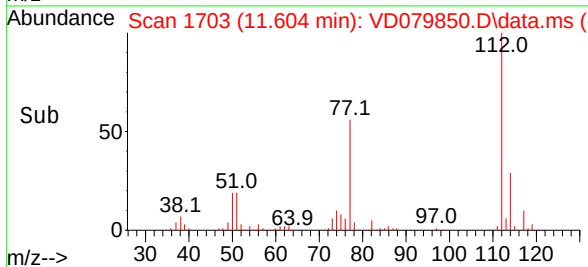
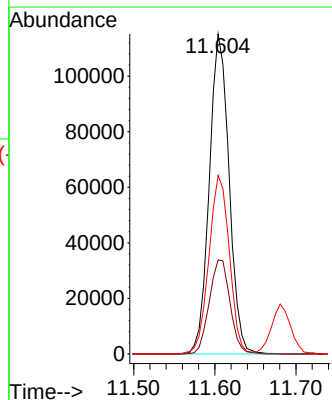
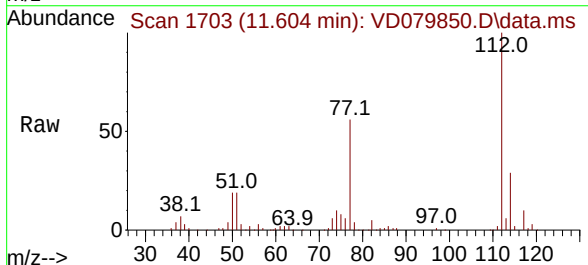
RT: 11.604 min Scan# 1703

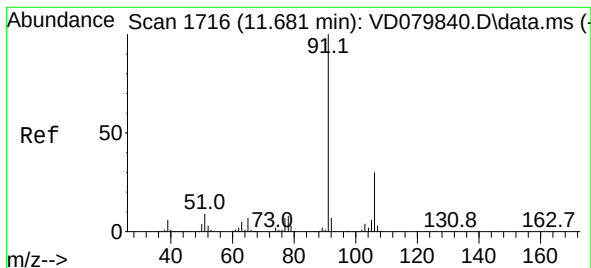
Delta R.T. -0.000 min

Lab File: VD079850.D

Acq: 17 Sep 2024 09:54

Tgt Ion:	112	Resp:	195021
Ion	Ratio	Lower	Upper
112	100		
114	29.4	22.0	41.0
77	55.8	46.7	70.1





#52

Ethylbenzene

Concen: 24.878 ug/L

RT: 11.680 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VD079850.D

Acq: 17 Sep 2024 09:54

Instrument :

MSVOA_D

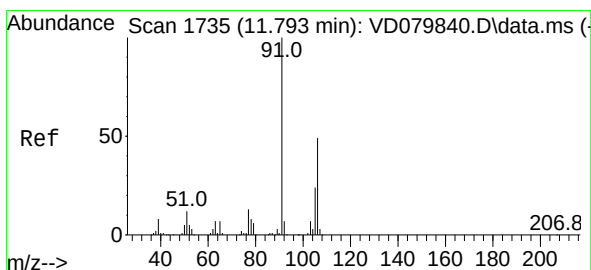
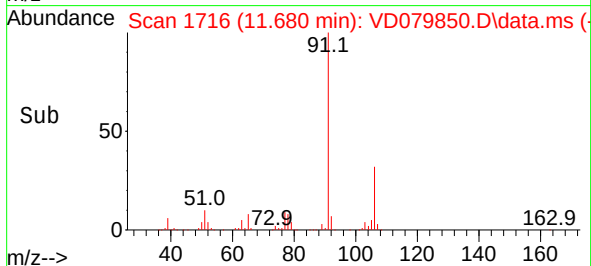
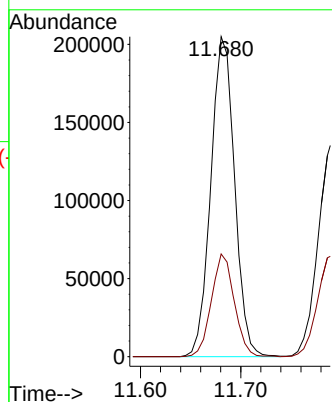
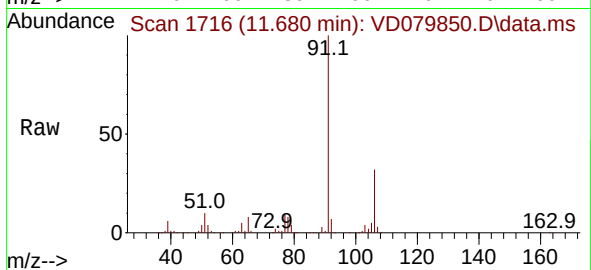
ClientSampleId :

Tgt Ion: 91 Resp: 338129

Ion Ratio Lower Upper

91 100

106 32.1 21.3 39.5



#53

m,p-Xylene

Concen: 24.633 ug/L

RT: 11.792 min Scan# 1735

Delta R.T. -0.000 min

Lab File: VD079850.D

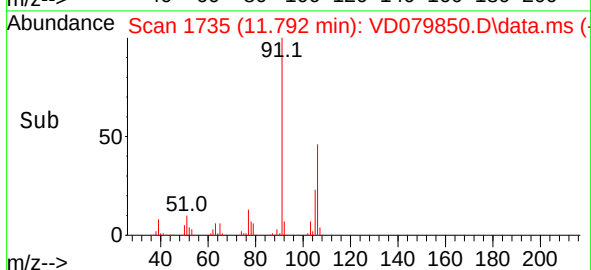
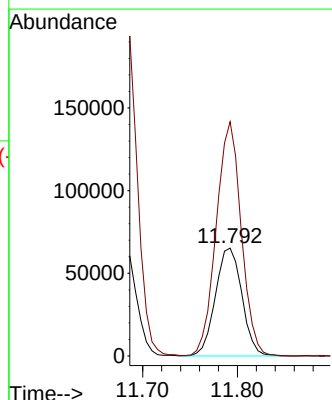
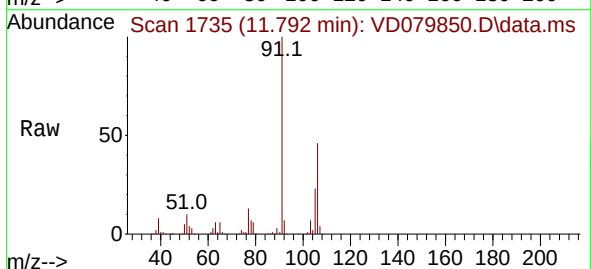
Acq: 17 Sep 2024 09:54

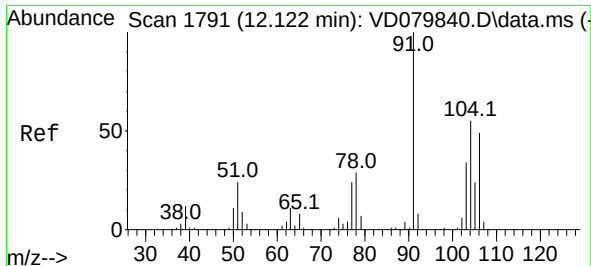
Tgt Ion:106 Resp: 126811

Ion Ratio Lower Upper

106 100

91 217.1 138.3 256.9

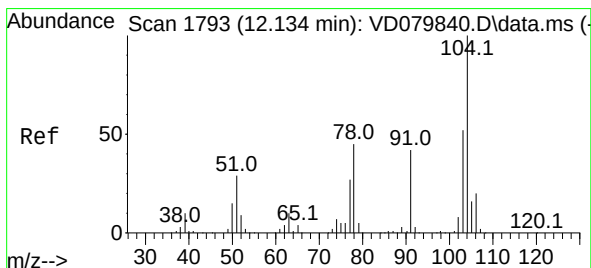
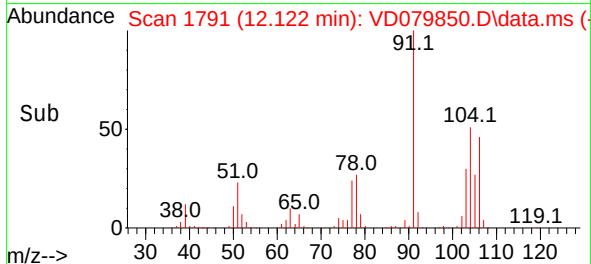
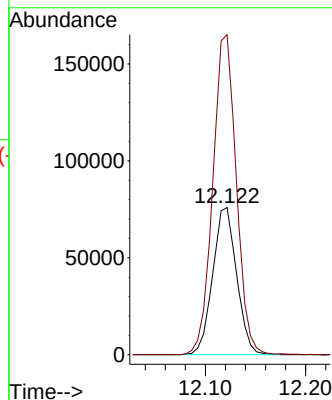
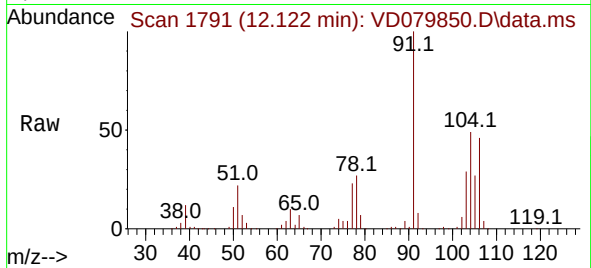




#54
o-Xylene
Concen: 24.928 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD079850.D
Acq: 17 Sep 2024 09:54

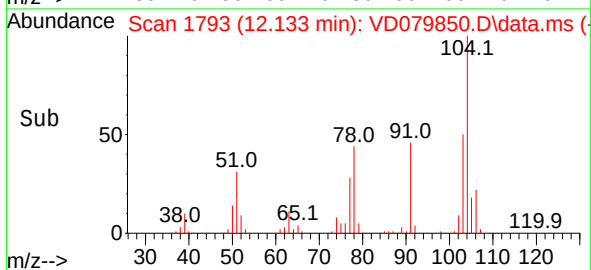
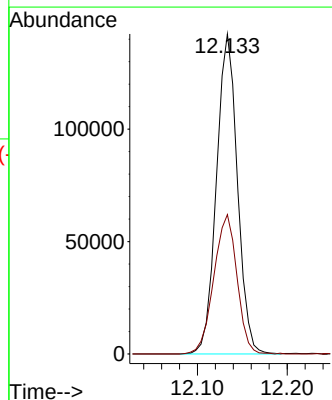
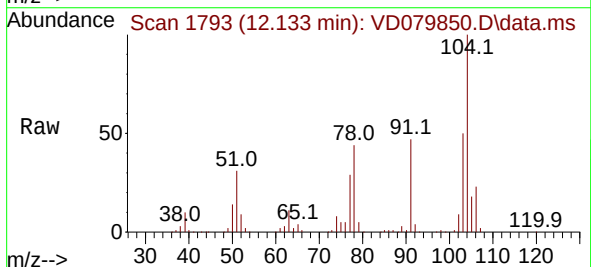
Instrument :
MSVOA_D
ClientSampleId :

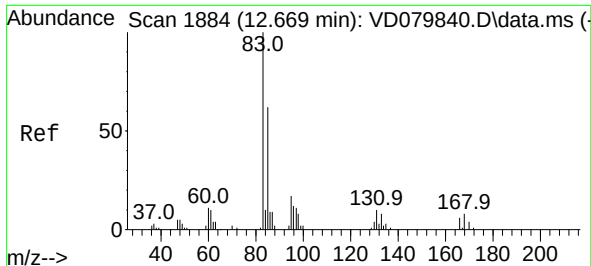
Tgt Ion:106 Resp: 125827
Ion Ratio Lower Upper
106 100
91 217.4 152.6 283.4



#55
Styrene
Concen: 25.982 ug/L
RT: 12.133 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD079850.D
Acq: 17 Sep 2024 09:54

Tgt Ion:104 Resp: 230491
Ion Ratio Lower Upper
104 100
78 43.5 30.7 57.1





#57

1,1,2,2-Tetrachloroethane

Concen: 25.023 ug/L

RT: 12.669 min Scan# 1884

Delta R.T. -0.000 min

Lab File: VD079850.D

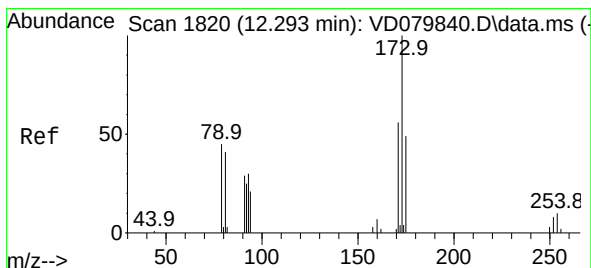
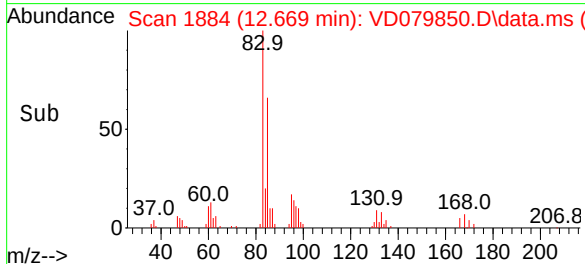
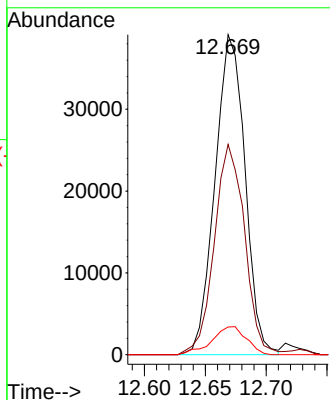
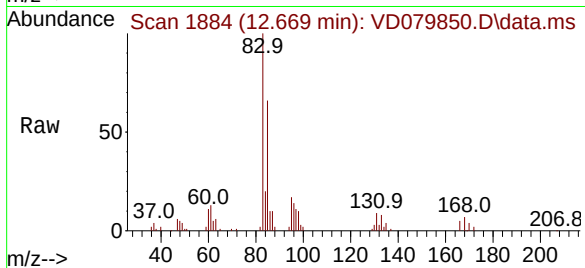
Acq: 17 Sep 2024 09:54

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	83	Resp:	67126
Ion Ratio	Lower	Upper	
83	100		
85	65.7	46.8	87.0
131	8.7	6.5	9.7



#59

Bromoform

Concen: 23.924 ug/L

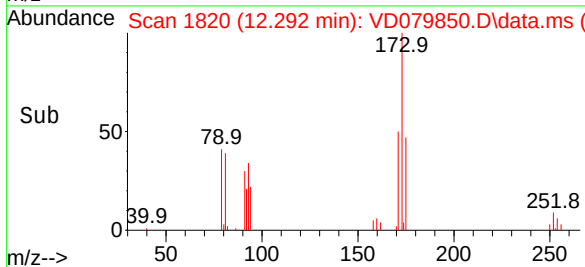
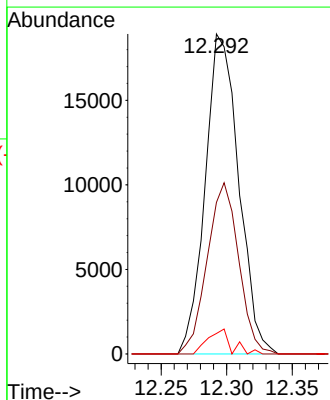
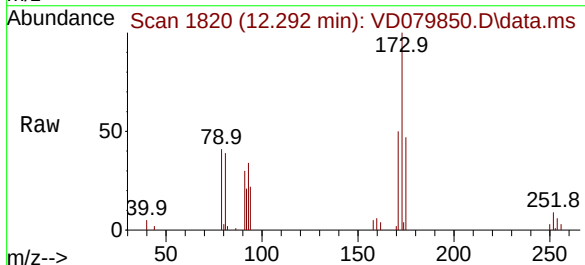
RT: 12.292 min Scan# 1820

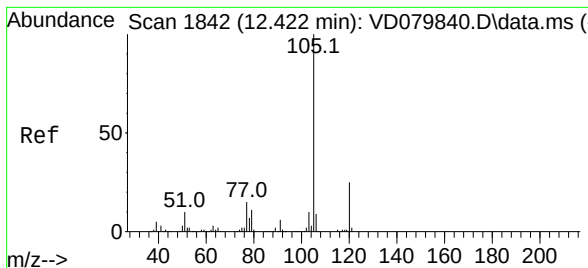
Delta R.T. -0.000 min

Lab File: VD079850.D

Acq: 17 Sep 2024 09:54

Tgt Ion:	173	Resp:	33625
Ion Ratio	Lower	Upper	
173	100		
175	50.2	39.2	58.8
254	4.4	5.5	8.3





#60

Isopropylbenzene

Concen: 23.607 ug/L

RT: 12.416 min Scan# 1841

Delta R.T. -0.006 min

Lab File: VD079850.D

Acq: 17 Sep 2024 09:54

Instrument :

MSVOA_D

ClientSampleId :

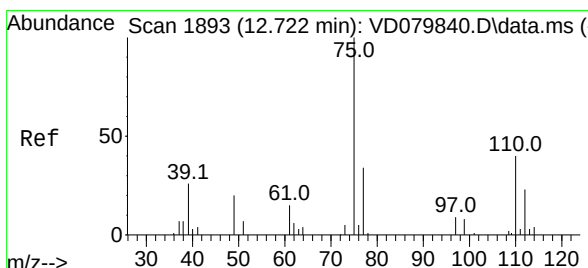
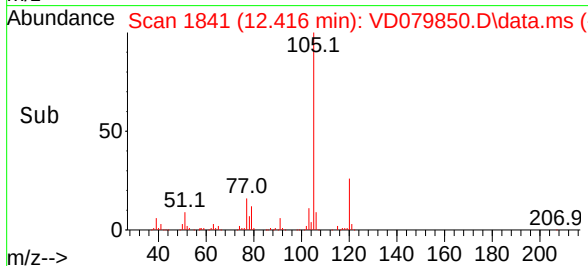
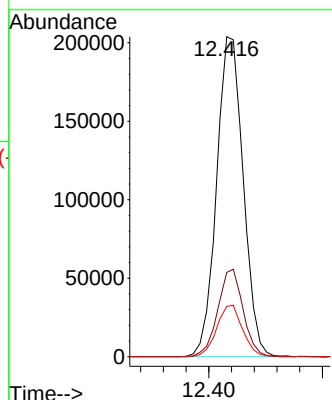
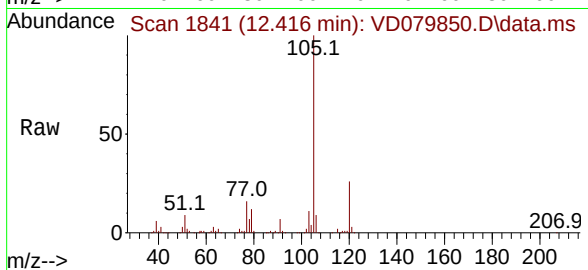
Tgt Ion:105 Resp: 331848

Ion Ratio Lower Upper

105 100

120 25.9 20.9 31.3

77 15.6 12.6 19.0



#61

1,2,3-Trichloropropane

Concen: 23.186 ug/L

RT: 12.727 min Scan# 1894

Delta R.T. 0.006 min

Lab File: VD079850.D

Acq: 17 Sep 2024 09:54

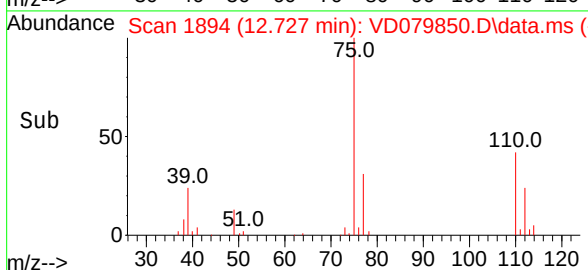
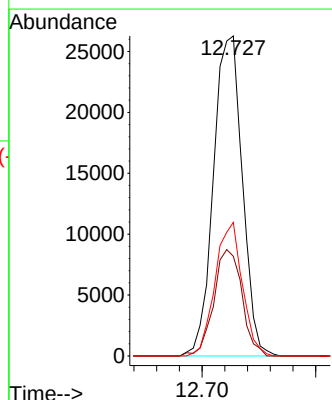
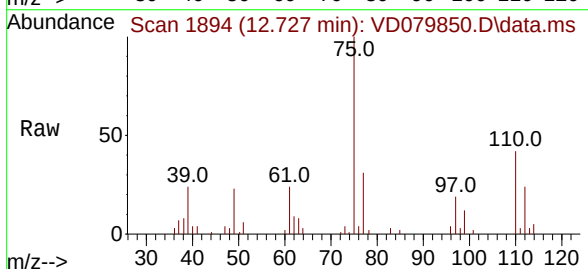
Tgt Ion: 75 Resp: 46402

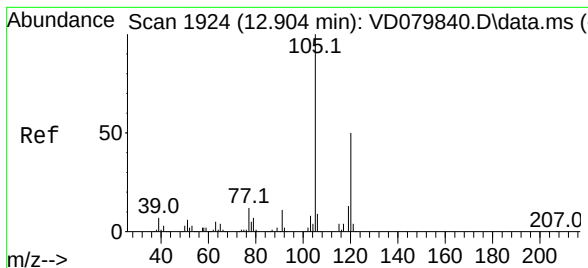
Ion Ratio Lower Upper

75 100

77 32.4 25.1 37.7

110 39.4 30.1 45.1





#62

1,3,5-Trimethylbenzene

Concen: 24.670 ug/L

RT: 12.904 min Scan# 1924

Delta R.T. -0.000 min

Lab File: VD079850.D

Acq: 17 Sep 2024 09:54

Instrument :

MSVOA_D

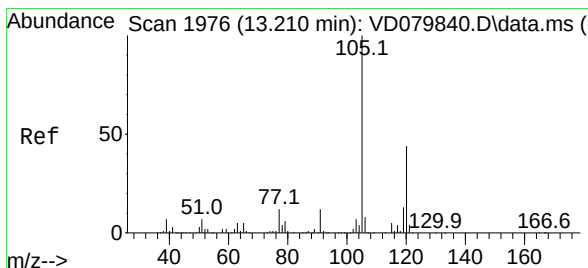
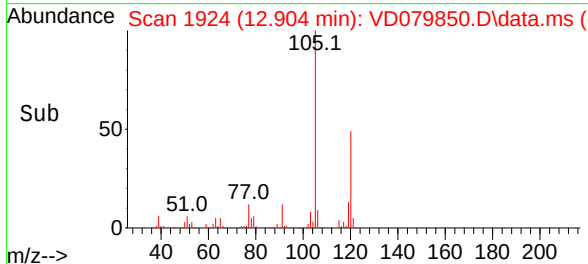
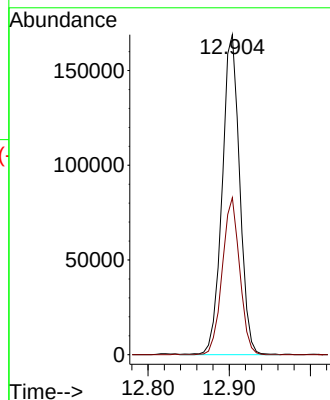
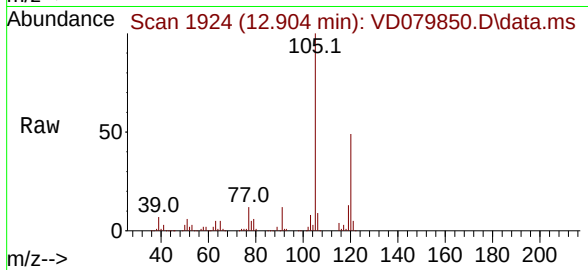
ClientSampleId :

Tgt Ion:105 Resp: 253614

Ion Ratio Lower Upper

105 100

120 48.6 38.3 57.5



#63

1,2,4-Trimethylbenzene

Concen: 23.834 ug/L

RT: 13.210 min Scan# 1976

Delta R.T. -0.000 min

Lab File: VD079850.D

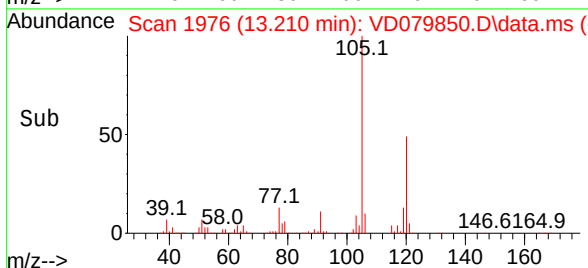
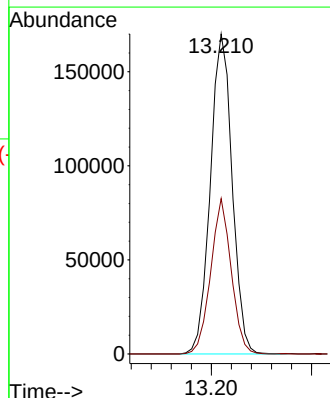
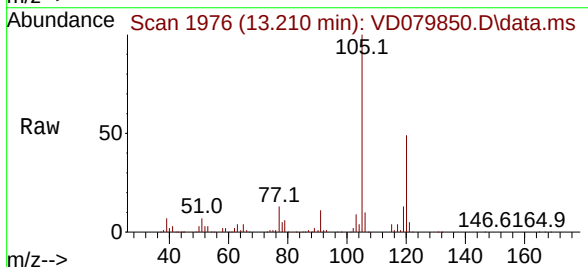
Acq: 17 Sep 2024 09:54

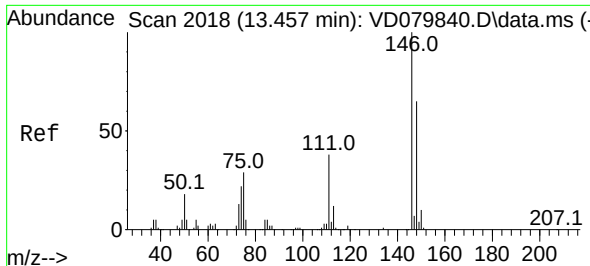
Tgt Ion:105 Resp: 256952

Ion Ratio Lower Upper

105 100

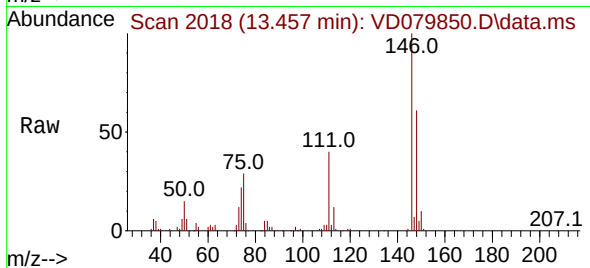
120 45.7 36.3 54.5



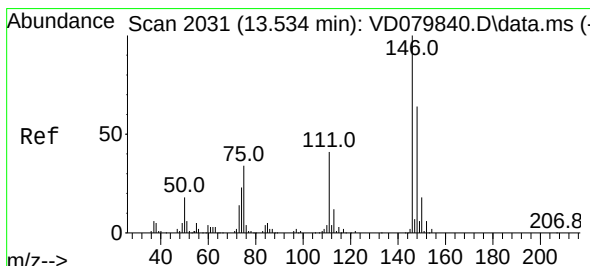
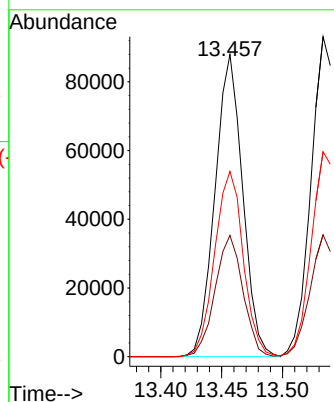
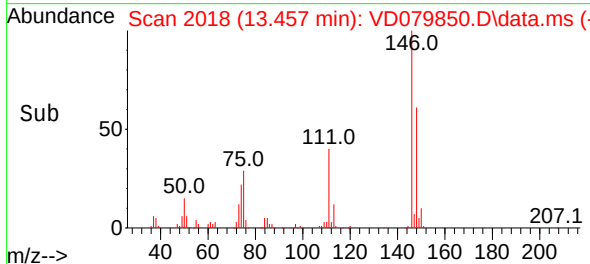


#64
1,3-Dichlorobenzene
Concen: 23.955 ug/L
RT: 13.457 min Scan# 2018
Delta R.T. -0.000 min
Lab File: VD079850.D
Acq: 17 Sep 2024 09:54

Instrument :
MSVOA_D
ClientSampleId :

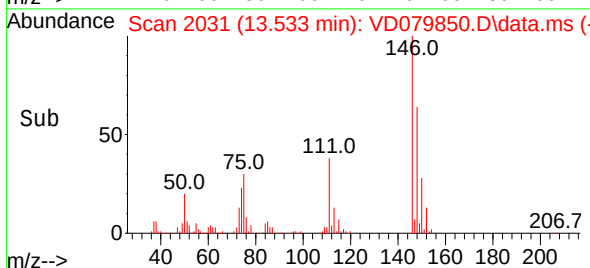
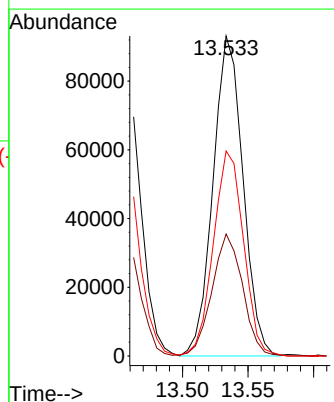
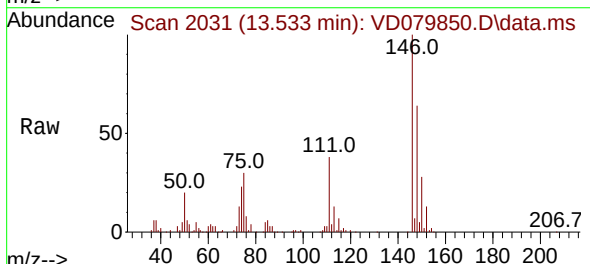


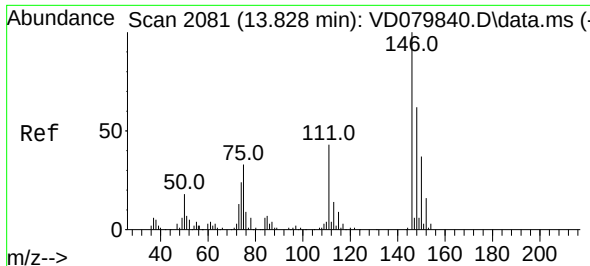
Tgt Ion:146 Resp: 139155
Ion Ratio Lower Upper
146 100
111 40.1 27.4 50.8
148 61.3 45.6 84.8



#65
1,4-Dichlorobenzene
Concen: 24.255 ug/L
RT: 13.533 min Scan# 2031
Delta R.T. -0.000 min
Lab File: VD079850.D
Acq: 17 Sep 2024 09:54

Tgt Ion:146 Resp: 147789
Ion Ratio Lower Upper
146 100
111 38.1 27.6 51.4
148 64.1 46.1 85.7





#67

1,2-Dichlorobenzene

Concen: 24.672 ug/L

RT: 13.827 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VD079850.D

Acq: 17 Sep 2024 09:54

Instrument :

MSVOA_D

ClientSampleId :

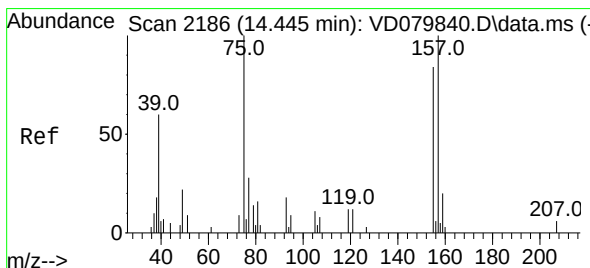
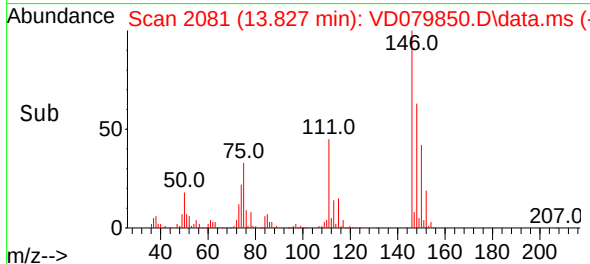
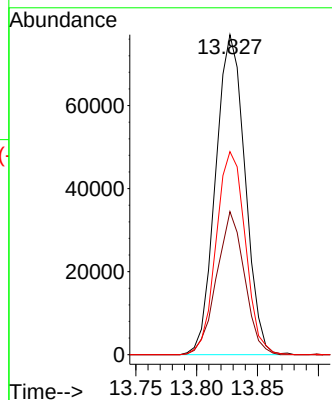
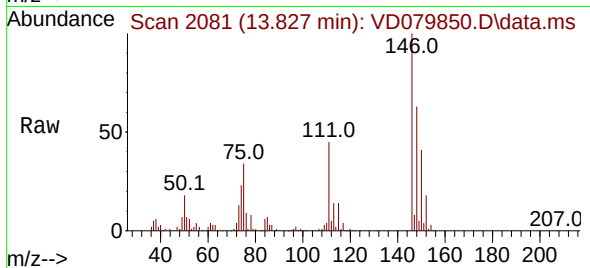
Tgt Ion:146 Resp: 129539

Ion Ratio Lower Upper

146 100

111 44.7 36.9 55.3

148 63.5 51.8 77.8



#68

1,2-Dibromo-3-chloropropane

Concen: 24.118 ug/L

RT: 14.445 min Scan# 2186

Delta R.T. -0.000 min

Lab File: VD079850.D

Acq: 17 Sep 2024 09:54

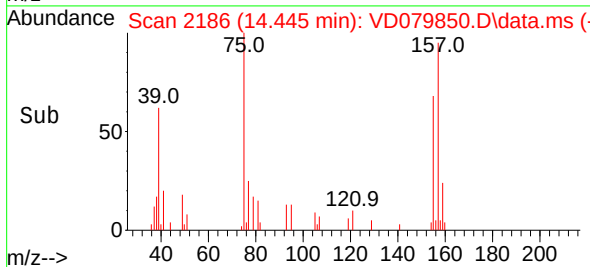
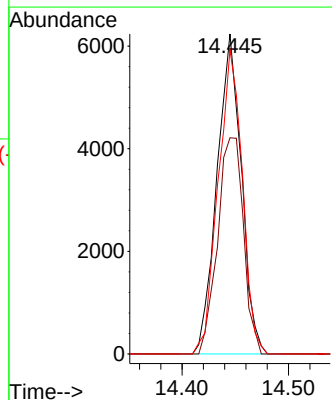
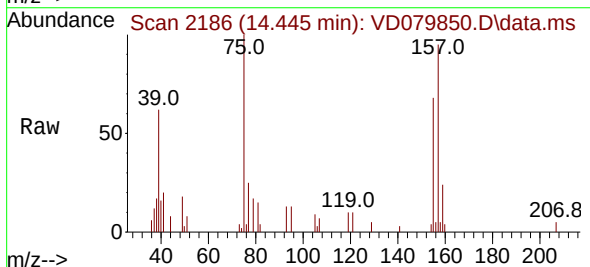
Tgt Ion: 75 Resp: 9876

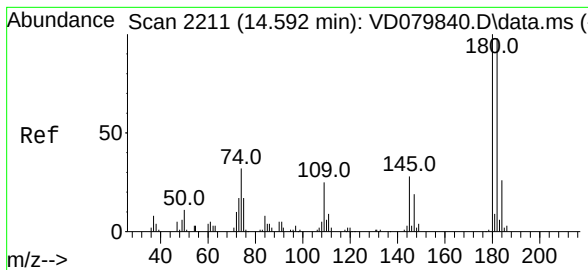
Ion Ratio Lower Upper

75 100

155 67.5 57.2 85.8

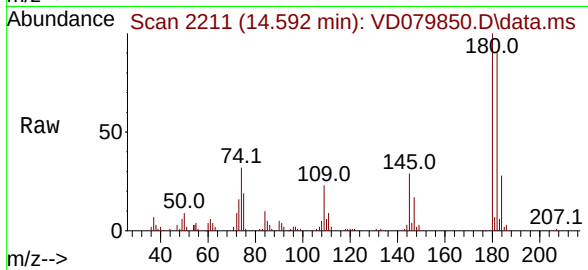
157 95.1 59.7 89.5#





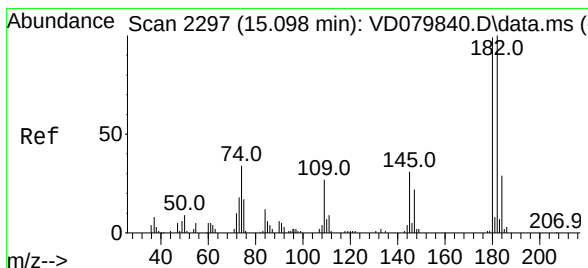
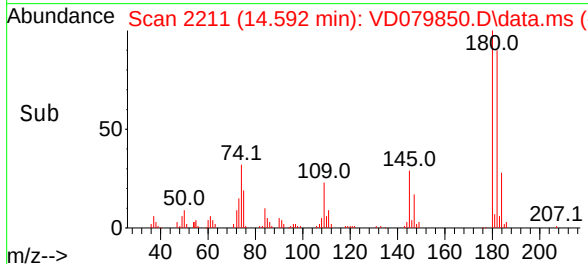
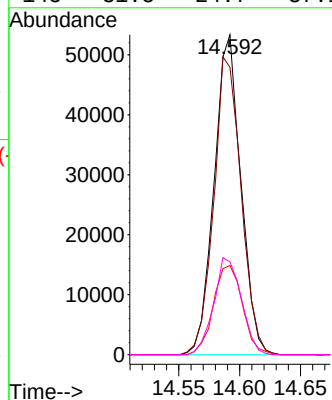
#69
 1,3,5-Trichlorobenzene
 Concen: 23.118 ug/L
 RT: 14.592 min Scan# 2211
 Delta R.T. -0.000 min
 Lab File: VD079850.D
 Acq: 17 Sep 2024 09:54

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion:180 Resp: 81428

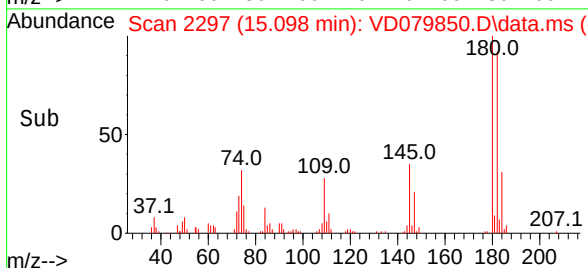
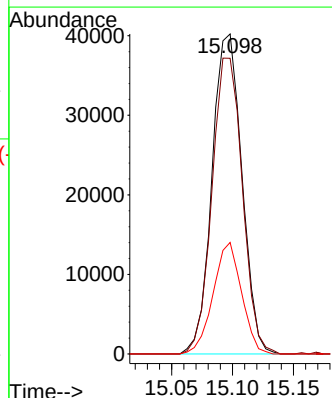
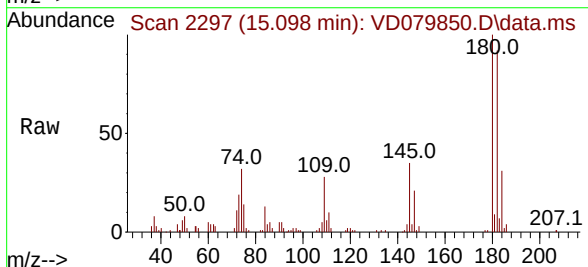
Ion	Ratio	Lower	Upper
180	100		
182	95.3	72.6	109.0
184	30.3	24.2	36.2
145	31.5	24.7	37.1

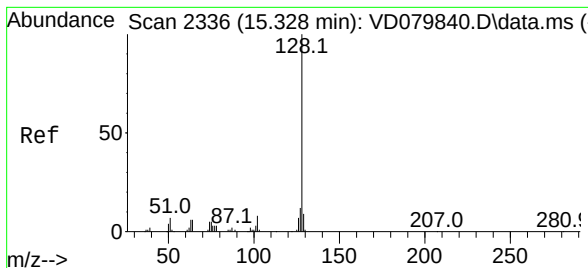


#70
 1,2,4-trichlorobenzene
 Concen: 23.149 ug/L
 RT: 15.098 min Scan# 2297
 Delta R.T. -0.000 min
 Lab File: VD079850.D
 Acq: 17 Sep 2024 09:54

Tgt Ion:180 Resp: 68651

Ion	Ratio	Lower	Upper
180	100		
182	94.1	75.9	113.9
145	33.2	26.6	40.0





#71

Naphthalene

Concen: 22.933 ug/L

RT: 15.327 min Scan# 2336

Delta R.T. -0.000 min MSVOA_D

Lab File: VD079850.D

Acq: 17 Sep 2024 09:54

Instrument :

MSVOA_D

ClientSampleId :

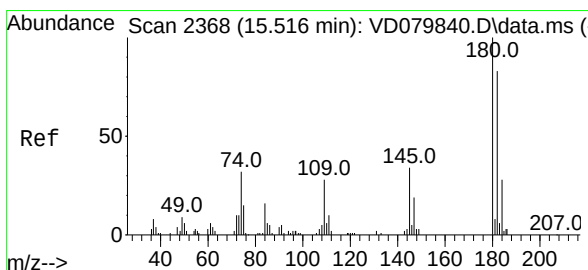
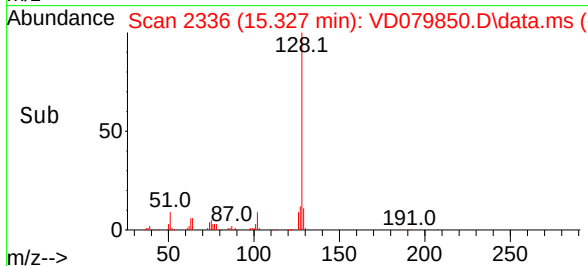
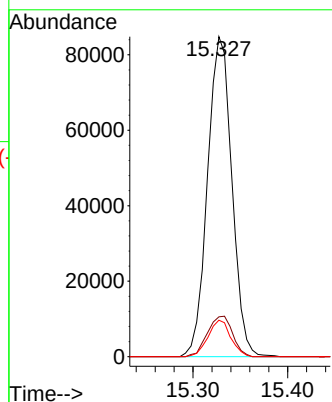
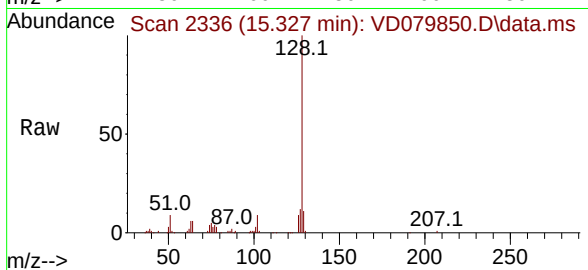
Tgt Ion:128 Resp: 151906

Ion Ratio Lower Upper

128 100

127 13.1 11.2 16.8

129 10.6 8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 24.005 ug/L

RT: 15.516 min Scan# 2368

Delta R.T. -0.000 min

Lab File: VD079850.D

Acq: 17 Sep 2024 09:54

Tgt Ion:180 Resp: 63679

Ion Ratio Lower Upper

180 100

182 93.2 74.1 111.1

145 33.8 26.4 39.6

