

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091024\
 Data File : VD079814.D
 Acq On : 10 Sep 2024 14:20
 Operator : RP/MD
 Sample : VSTD02542
 Misc : 5.00G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Sep 11 05:56:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM091024SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Sep 11 05:52:36 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	193449	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	186896	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	89351	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.270	65	191590	22.776	ug/L	0.00
7) Chloroethane-d5	2.799	69	148147	22.245	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.911	65	35117	22.993	ug/L	0.00
21) 2-Butanone-d5	6.987	46	36522	46.730	ug/L	0.00
24) Chloroform-d	7.569	84	147732	23.232	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.234	65	78353	23.563	ug/L	0.00
32) Benzene-d6	8.199	84	320825	24.315	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.210	67	96625	23.910	ug/L	0.00
41) Toluene-d8	10.269	98	292868	25.224	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.522	79	41564	23.923	ug/L	0.00
47) 2-Hexanone-d5	10.875	63	31688	48.103	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.645	84	71850	24.195	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.810	152	81771	24.267	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	82211	22.287	ug/L	100
3) Chloromethane	2.146	50	155961	24.120	ug/L	100
5) Vinyl chloride	2.281	62	188740	23.820	ug/L	100
6) Bromomethane	2.693	94	95056	23.978	ug/L	100
8) Chloroethane	2.834	64	122405	23.382	ug/L	100
9) Trichlorofluoromethane	3.169	101	130392	22.887	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	3.964	101	72102	22.864	ug/L	100
12) 1,1-Dichloroethene	3.934	96	68189	23.216	ug/L	100
13) Acetone	4.022	43	50088	52.567	ug/L	100
14) Carbon disulfide	4.269	76	211766	22.165	ug/L	100
15) Methyl Acetate	4.564	43	36804	24.248	ug/L	100
16) Methylene chloride	4.799	84	91382	23.907	ug/L	100
17) trans-1,2-Dichloroethene	5.311	96	76091	24.295	ug/L	100
18) Methyl tert-butyl Ether	5.316	73	175567	24.920	ug/L	100
19) 1,1-Dichloroethane	6.111	63	150125	24.133	ug/L	100
20) cis-1,2-Dichloroethene	7.081	96	84877	24.614	ug/L	100
22) 2-Butanone	7.075	43	58752	52.563	ug/L	100
23) Bromochloromethane	7.428	128	34909	23.853	ug/L	100
25) Chloroform	7.593	83	151706	23.428	ug/L	100
27) 1,2-Dichloroethane	8.328	62	94916	23.982	ug/L	100
29) Cyclohexane	7.875	56	116613	25.225	ug/L	100
30) 1,1,1-Trichloroethane	7.793	97	122586	24.063	ug/L	100
31) Carbon tetrachloride	7.993	117	111001	24.592	ug/L	100
33) Benzene	8.252	78	349880	25.141	ug/L	100
34) Trichloroethene	9.028	95	78096	24.242	ug/L	100
35) Methylcyclohexane	9.275	83	130555	25.158	ug/L	100
37) 1,2-Dichloropropane	9.304	63	94560	24.915	ug/L	# 100
38) Bromodichloromethane	9.581	83	110278	24.937	ug/L	100
39) cis-1,3-Dichloropropene	10.016	75	137330	25.768	ug/L	100
40) 4-Methyl-2-pentanone	10.157	43	103279	51.985	ug/L	100
42) Toluene	10.334	91	378494	25.820	ug/L	100
44) trans-1,3-Dichloropropene	10.551	75	122076	25.991	ug/L	100

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 Quant Title : SFAM01.0
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 Response via : Initial Calibration

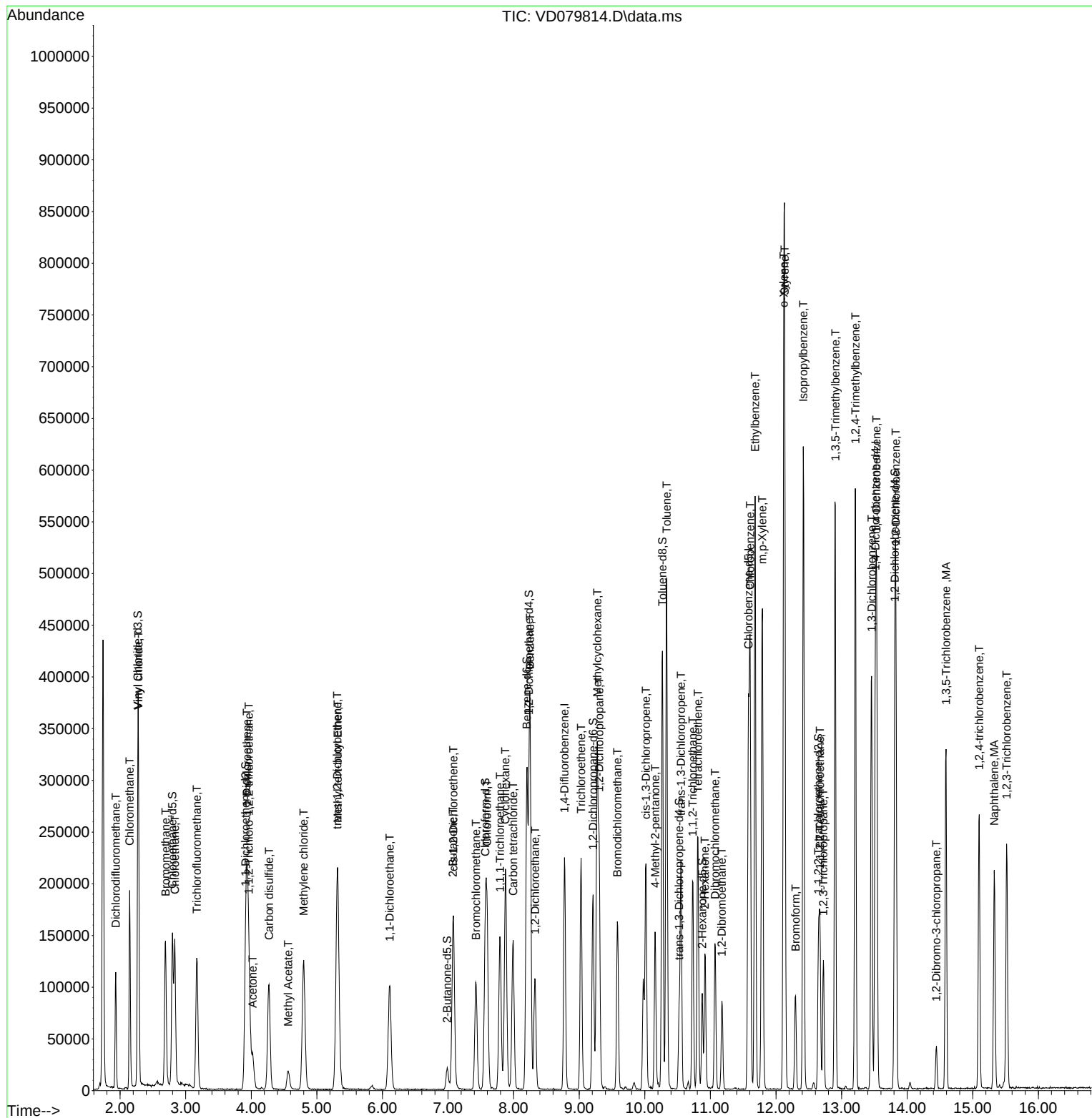
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.728	97	65113	25.111	ug/L	100
46) Tetrachloroethene	10.810	164	53113	24.329	ug/L	100
48) 2-Hexanone	10.916	43	88076	54.502	ug/L	100
49) Dibromochloromethane	11.069	129	69992	24.730	ug/L	100
50) 1,2-Dibromoethane	11.175	107	56073	25.037	ug/L	100
51) Chlorobenzene	11.604	112	220738	25.091	ug/L	100
52) Ethylbenzene	11.681	91	402561	26.141	ug/L	100
53) m,p-Xylene	11.793	106	154136	26.426	ug/L	100
54) o-Xylene	12.116	106	147089	25.719	ug/L	100
55) Styrene	12.134	104	267613	26.625	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.669	83	75336	24.786	ug/L	100
59) Bromoform	12.298	173	38266	24.809	ug/L	100
60) Isopropylbenzene	12.416	105	387680	25.131	ug/L	100
61) 1,2,3-Trichloropropane	12.722	75	52544	23.924	ug/L	100
62) 1,3,5-Trimethylbenzene	12.904	105	302123	26.779	ug/L	100
63) 1,2,4-Trimethylbenzene	13.210	105	303907	25.687	ug/L	100
64) 1,3-Dichlorobenzene	13.457	146	159491	25.018	ug/L	100
65) 1,4-Dichlorobenzene	13.534	146	164626	24.620	ug/L	100
67) 1,2-Dichlorobenzene	13.828	146	143211	24.854	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.445	75	10888	24.229	ug/L	100
69) 1,3,5-Trichlorobenzene	14.592	180	93841	24.277	ug/L	100
70) 1,2,4-trichlorobenzene	15.098	180	76876	23.621	ug/L	100
71) Naphthalene	15.328	128	175194	24.101	ug/L	100
72) 1,2,3-Trichlorobenzene	15.516	180	72457	24.889	ug/L	100

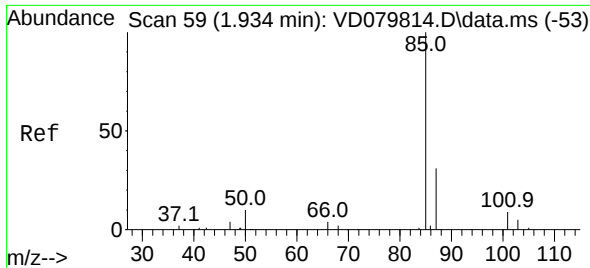
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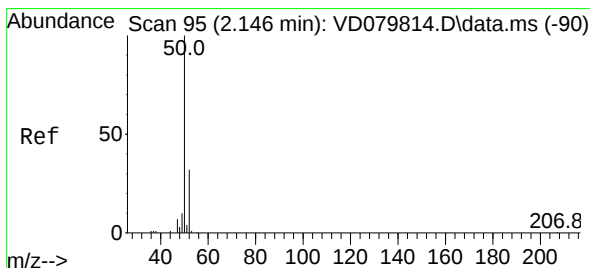
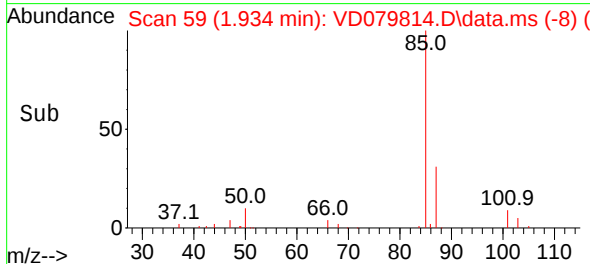
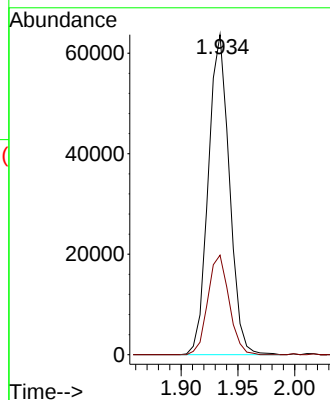
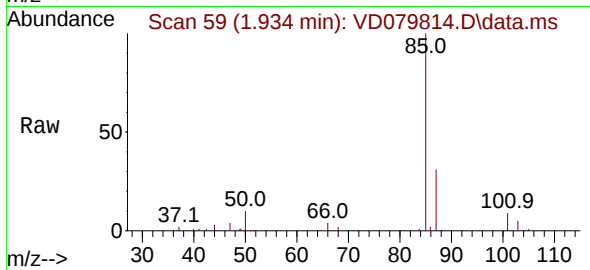




#2
 Dichlorodifluoromethane
 Concen: 22.287 ug/L
 RT: 1.934 min Scan# 59
 Delta R.T. 0.000 min
 Lab File: VD079814.D
 Acq: 10 Sep 2024 14:20

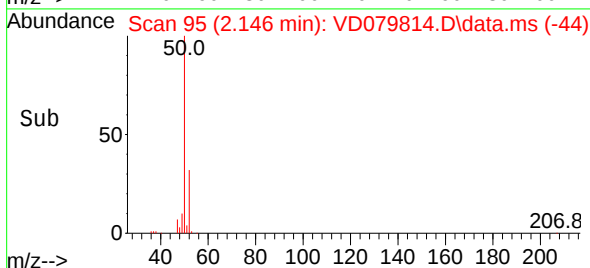
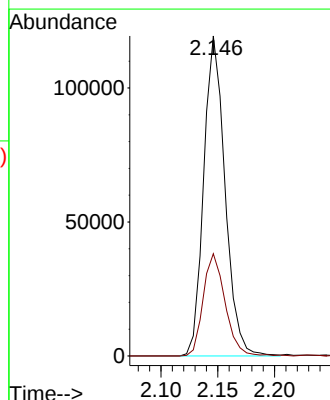
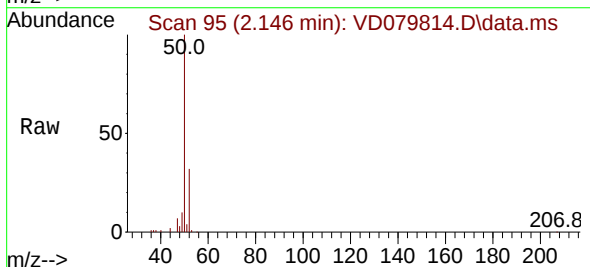
Instrument :
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 ClientSampleId :

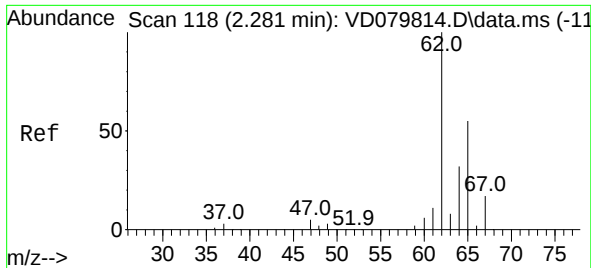
Tgt Ion: 85 Resp: 82211
 Ion Ratio Lower Upper
 85 100
 87 31.3 25.0 37.6



#3
 Chloromethane
 Concen: 24.120 ug/L
 RT: 2.146 min Scan# 95
 Delta R.T. 0.000 min
 Lab File: VD079814.D
 Acq: 10 Sep 2024 14:20

Tgt Ion: 50 Resp: 155961
 Ion Ratio Lower Upper
 50 100
 52 32.0 22.4 41.6

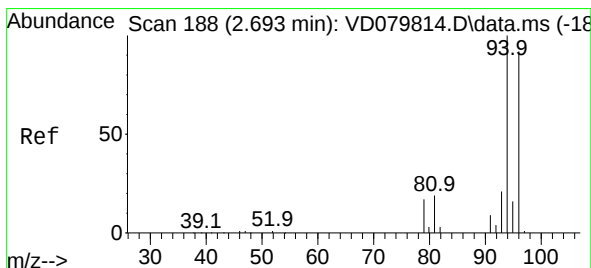
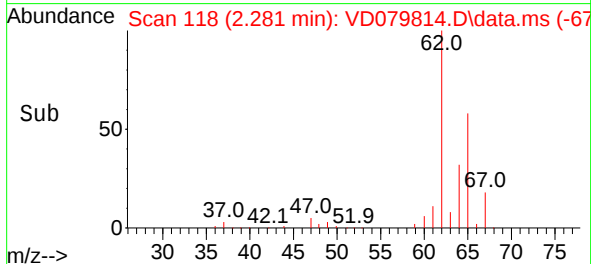
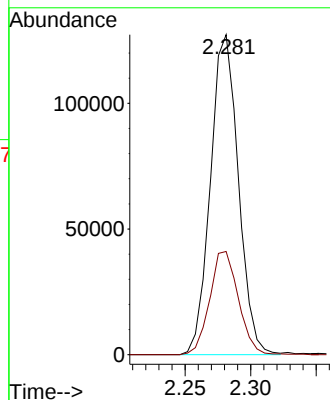
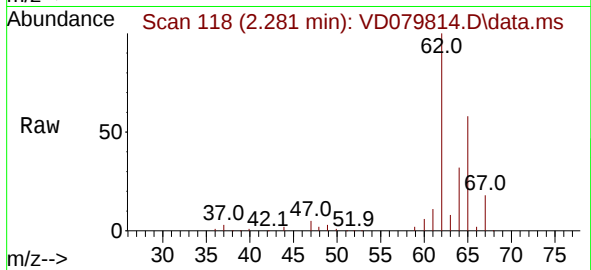




#5
 Vinyl chloride
 Concen: 23.820 ug/L
 RT: 2.281 min Scan# 118
 Delta R.T. 0.000 min
 Lab File: VD079814.D
 Acq: 10 Sep 2024 14:20

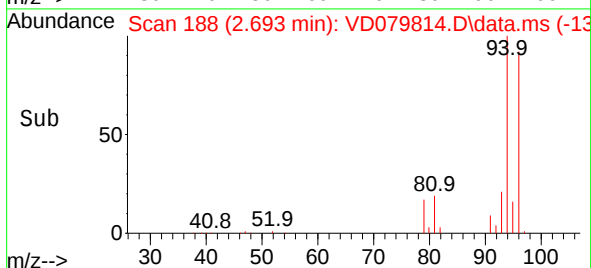
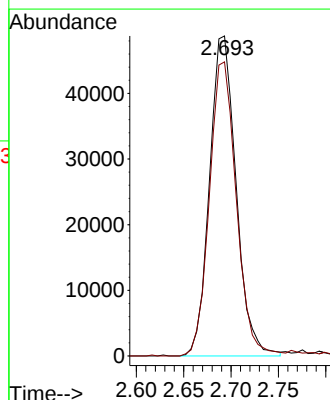
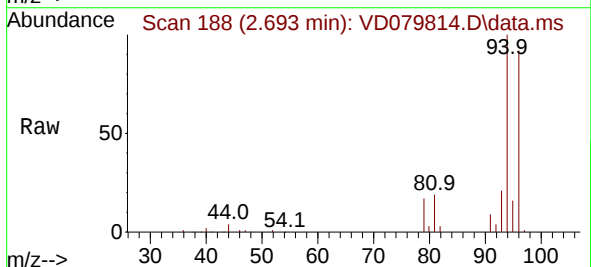
Instrument :
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 ClientSampleId :

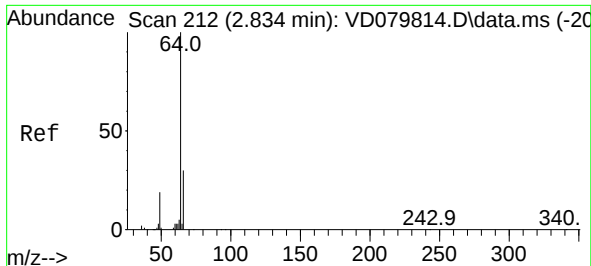
Tgt Ion: 62 Resp: 188740
 Ion Ratio Lower Upper
 62 100
 64 32.3 22.6 42.0



#6
 Bromomethane
 Concen: 23.978 ug/L
 RT: 2.693 min Scan# 188
 Delta R.T. 0.000 min
 Lab File: VD079814.D
 Acq: 10 Sep 2024 14:20

Tgt Ion: 94 Resp: 95056
 Ion Ratio Lower Upper
 94 100
 96 91.9 64.3 119.5

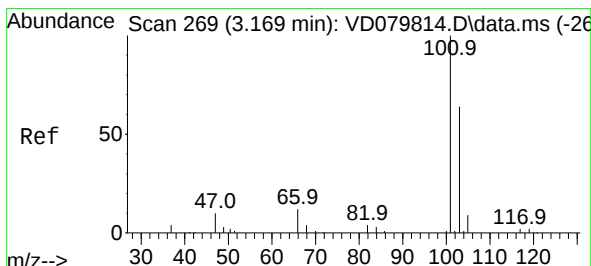
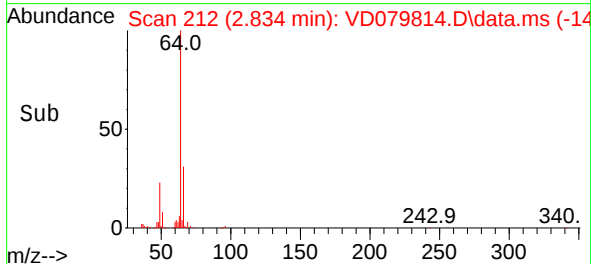
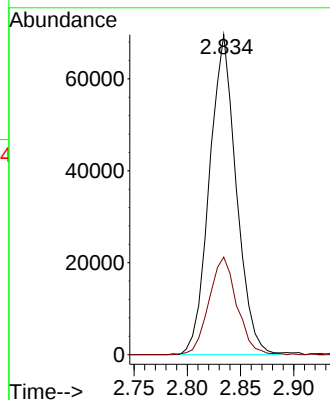
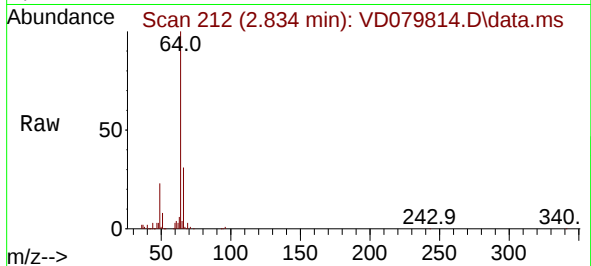




#8
Chloroethane
Concen: 23.382 ug/L
RT: 2.834 min Scan# 212
Delta R.T. 0.000 min
Lab File: VD079814.D
Acq: 10 Sep 2024 14:20

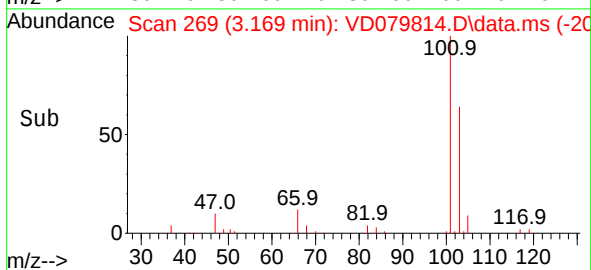
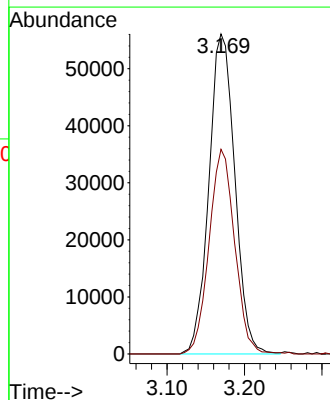
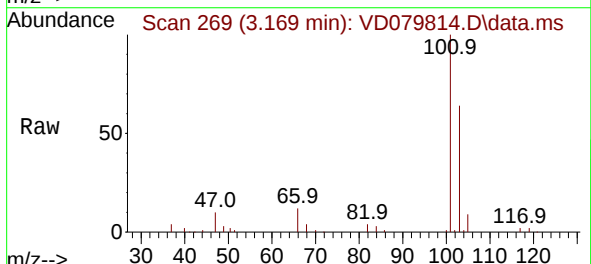
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MSVOA_D
ClientSampleId :

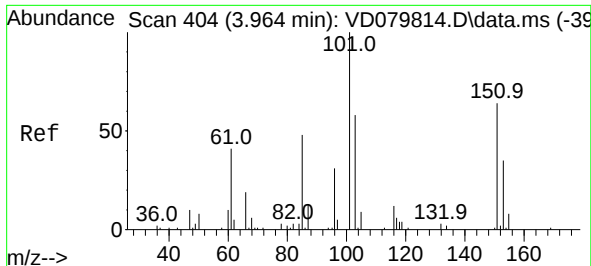
Tgt Ion: 64 Resp: 122405
Ion Ratio Lower Upper
64 100
66 30.5 21.3 39.6



#9
Trichlorofluoromethane
Concen: 22.887 ug/L
RT: 3.169 min Scan# 269
Delta R.T. 0.000 min
Lab File: VD079814.D
Acq: 10 Sep 2024 14:20

Tgt Ion:101 Resp: 130392
Ion Ratio Lower Upper
101 100
103 63.1 50.5 75.7

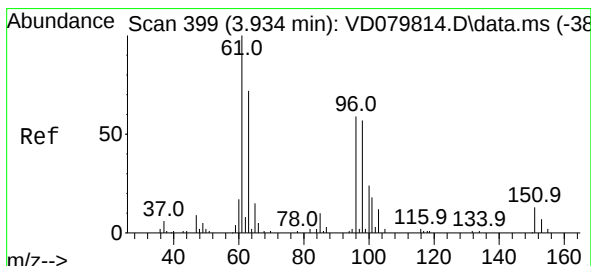
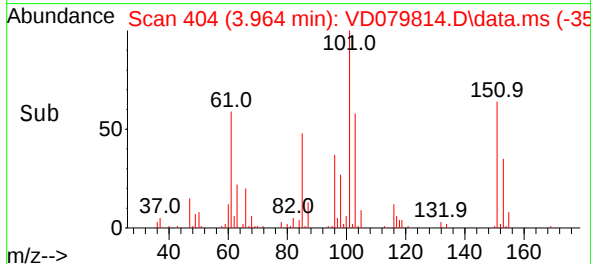
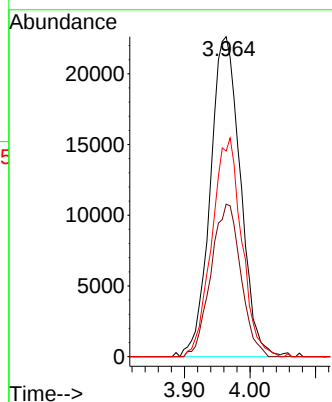
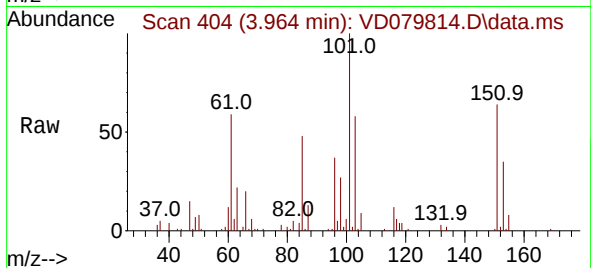




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 22.864 ug/L
 RT: 3.964 min Scan# 404
 Delta R.T. 0.000 min
 Lab File: VD079814.D
 Acq: 10 Sep 2024 14:20

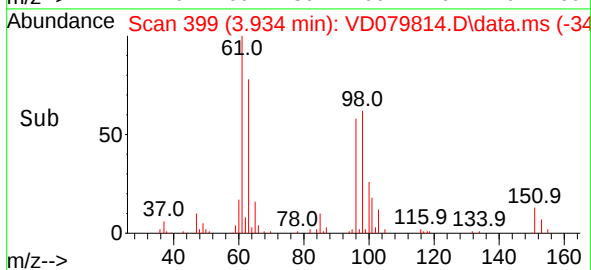
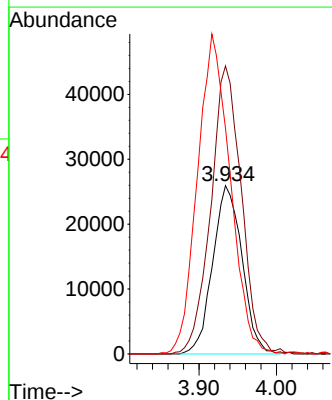
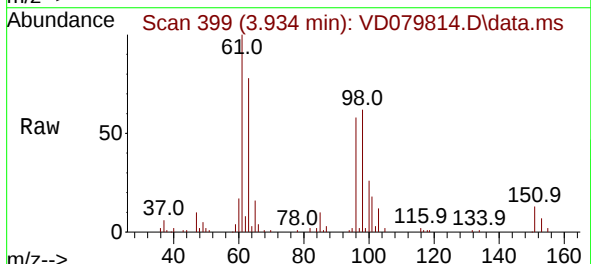
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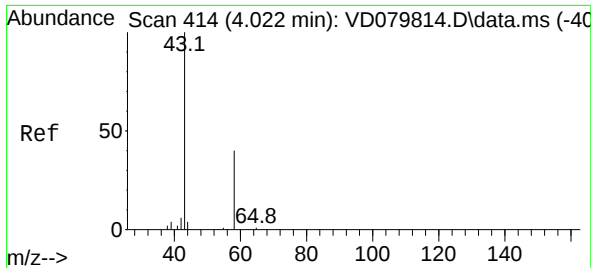
Tgt Ion:101 Resp: 72102
 Ion Ratio Lower Upper
 101 100
 85 47.3 37.8 56.8
 151 67.8 54.2 81.4



#12
 1,1-Dichloroethene
 Concen: 23.216 ug/L
 RT: 3.934 min Scan# 399
 Delta R.T. 0.000 min
 Lab File: VD079814.D
 Acq: 10 Sep 2024 14:20

Tgt Ion: 96 Resp: 68189
 Ion Ratio Lower Upper
 96 100
 61 171.1 119.8 222.4
 63 134.1 93.9 174.3





#13

Acetone

Concen: 52.567 ug/L

RT: 4.022 min Scan# 414

Delta R.T. 0.000 min

Lab File: VD079814.D

Acq: 10 Sep 2024 14:20

Instrument :

MSVOA_D

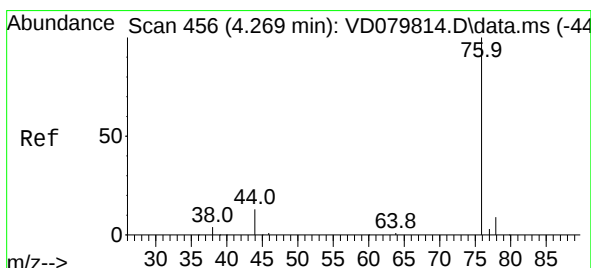
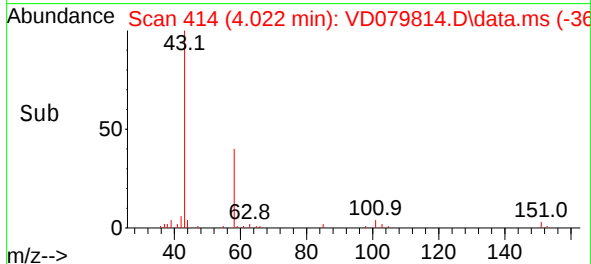
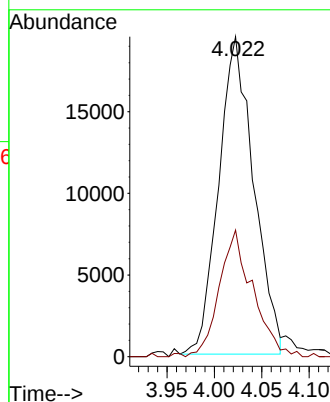
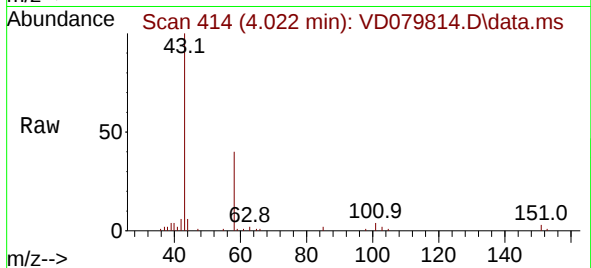
ClientSampleId :

Tgt Ion: 43 Resp: 50088

Ion Ratio Lower Upper

43 100

58 37.9 0.0 75.8



#14

Carbon disulfide

Concen: 22.165 ug/L

RT: 4.269 min Scan# 456

Delta R.T. 0.000 min

Lab File: VD079814.D

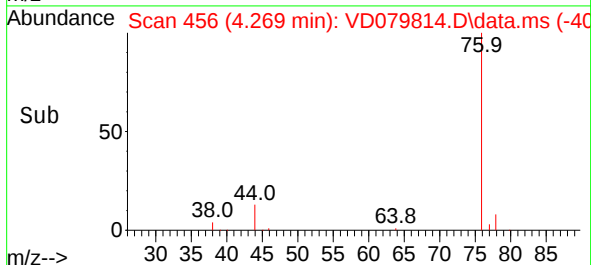
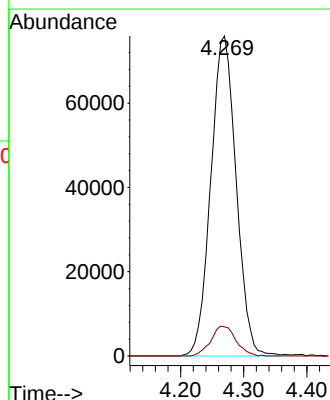
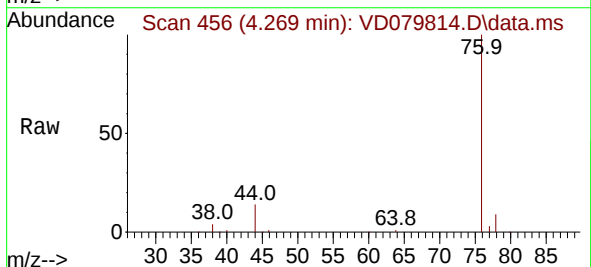
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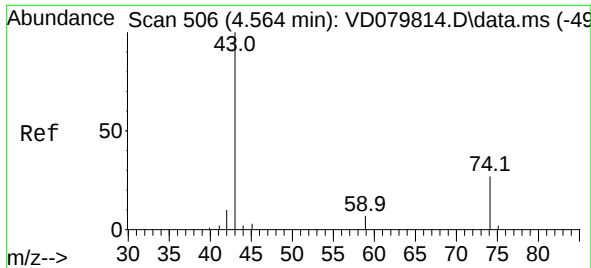
Tgt Ion: 76 Resp: 211766

Ion Ratio Lower Upper

76 100

78 9.1 7.3 10.9

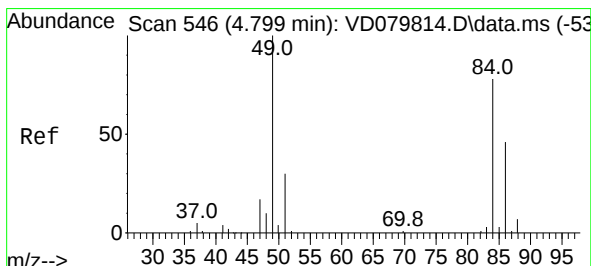
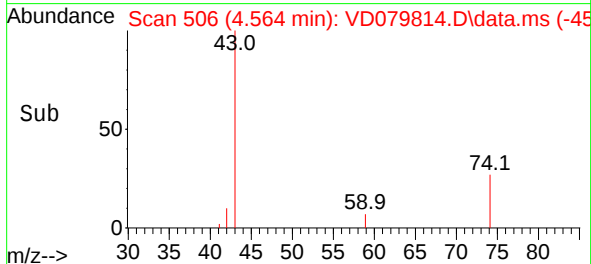
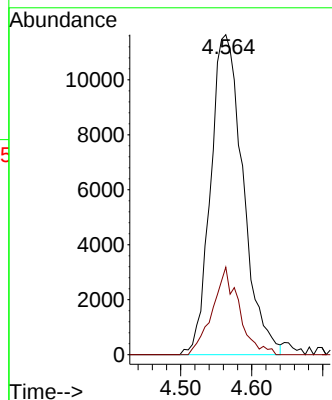
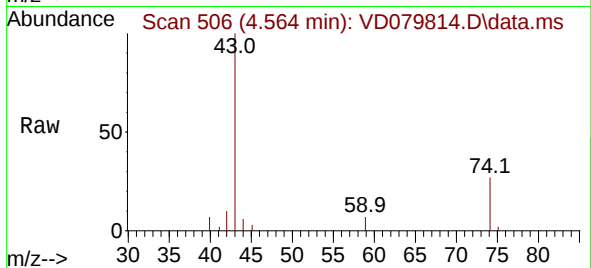




#15
Methyl Acetate
Concen: 24.248 ug/L
RT: 4.564 min Scan# 506
Delta R.T. 0.000 min
Lab File: VD079814.D
Acq: 10 Sep 2024 14:20

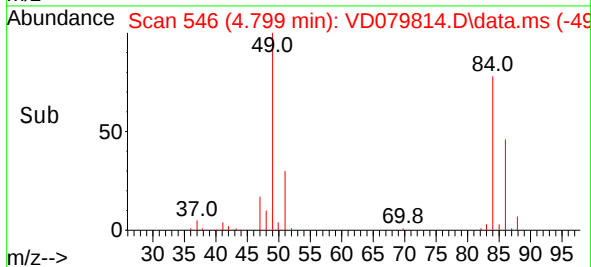
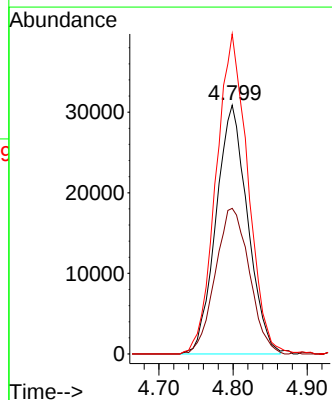
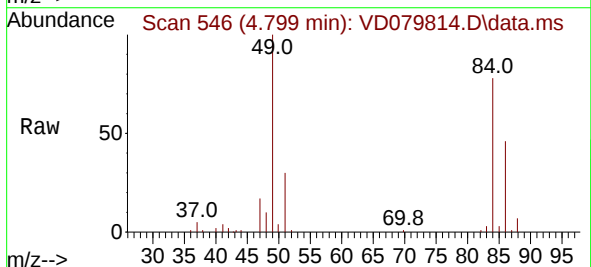
Instrument :
MSVOA_D
ClientSampleId :

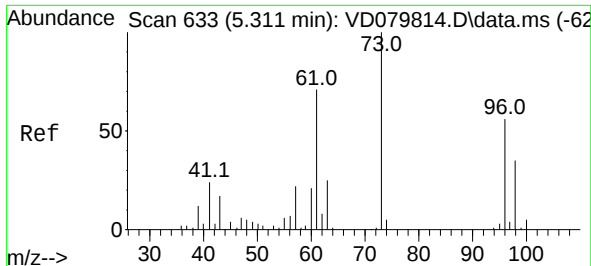
Tgt Ion: 43 Resp: 36804
Ion Ratio Lower Upper
43 100
74 14.9 11.9 17.9



#16
Methylene chloride
Concen: 23.907 ug/L
RT: 4.799 min Scan# 546
Delta R.T. 0.000 min
Lab File: VD079814.D
Acq: 10 Sep 2024 14:20

Tgt Ion: 84 Resp: 91382
Ion Ratio Lower Upper
84 100
86 58.6 41.0 76.2
49 128.6 90.0 167.2

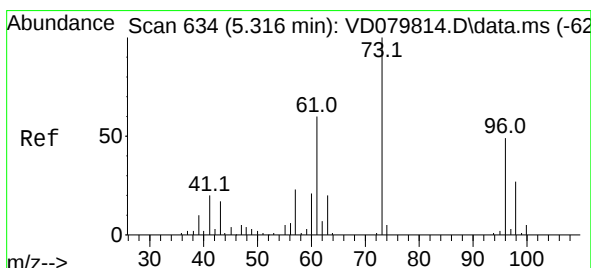
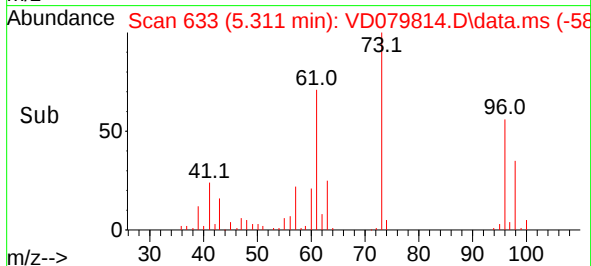
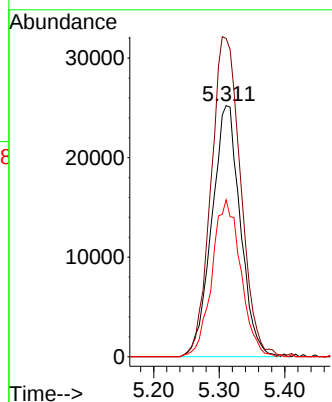
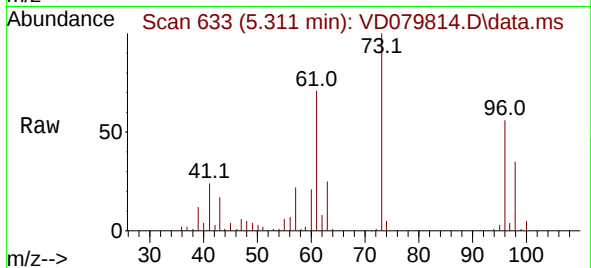




#17
trans-1,2-Dichloroethene
Concen: 24.295 ug/L
RT: 5.311 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD079814.D
Acq: 10 Sep 2024 14:20

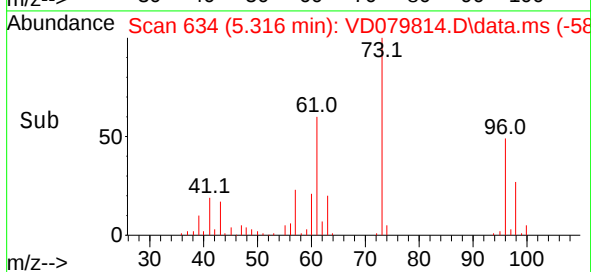
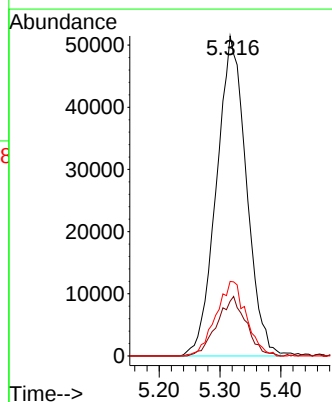
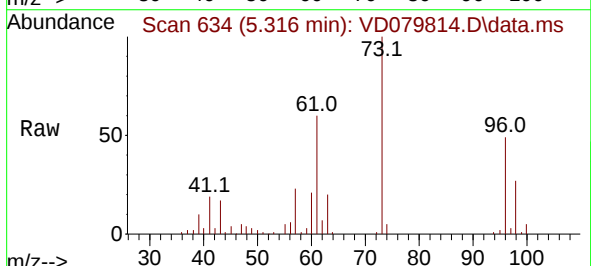
Instrument :
MSVOA_D
ClientSampleId :

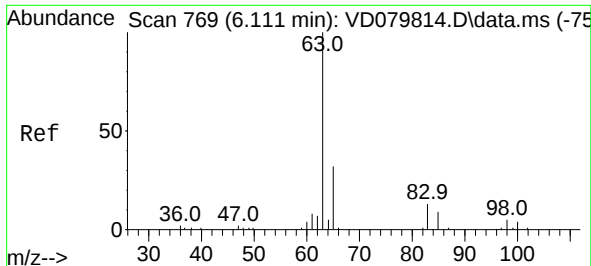
Tgt Ion: 96 Resp: 76091
Ion Ratio Lower Upper
96 100
61 126.7 88.7 164.7
98 62.5 43.8 81.3



#18
Methyl tert-butyl Ether
Concen: 24.920 ug/L
RT: 5.316 min Scan# 634
Delta R.T. 0.000 min
Lab File: VD079814.D
Acq: 10 Sep 2024 14:20

Tgt Ion: 73 Resp: 175567
Ion Ratio Lower Upper
73 100
43 18.1 14.5 21.7
57 23.5 18.8 28.2

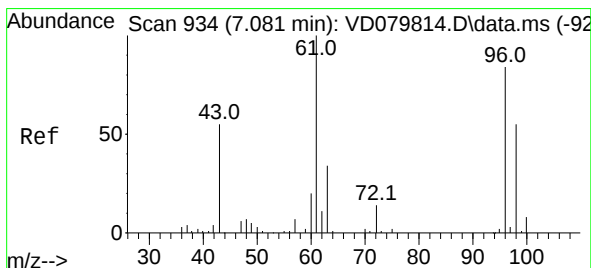
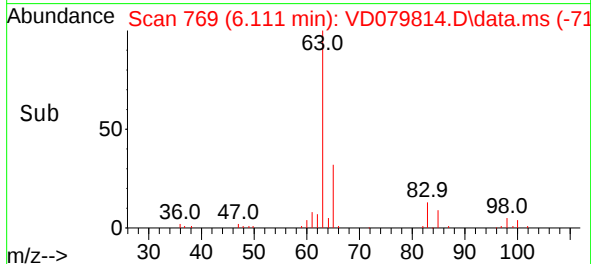
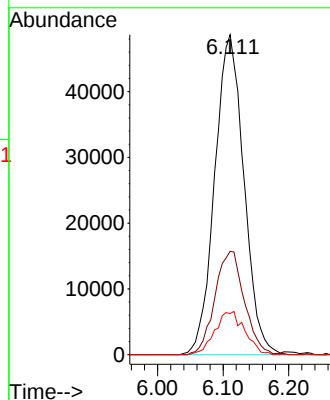
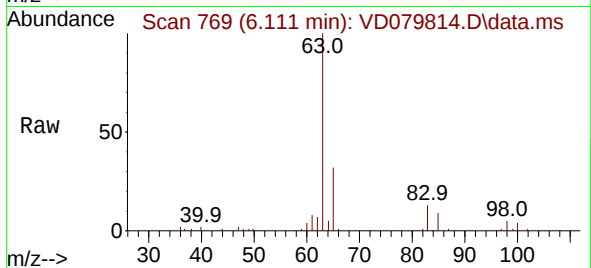




#19
1,1-Dichloroethane
Concen: 24.133 ug/L
RT: 6.111 min Scan# 769
Delta R.T. 0.000 min
Lab File: VD079814.D
Acq: 10 Sep 2024 14:20

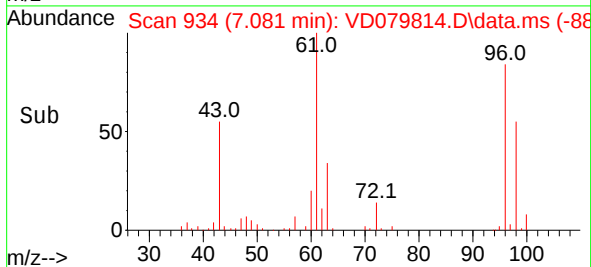
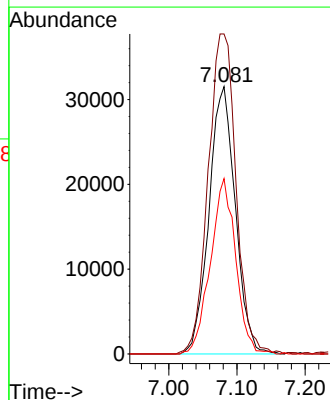
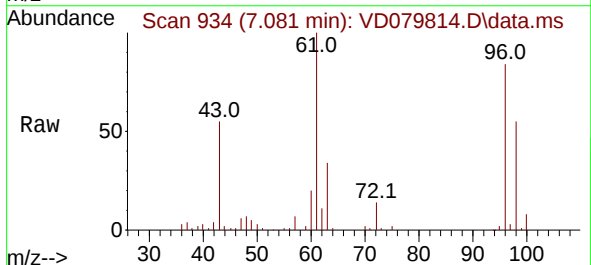
Instrument :
MSVOA_D
ClientSampleId :

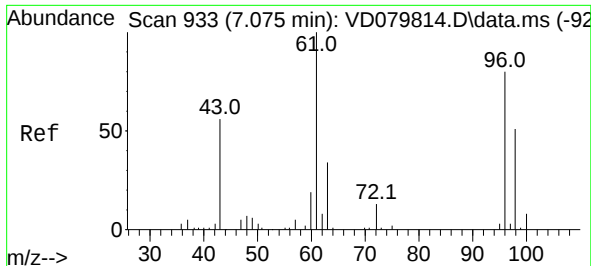
Tgt Ion: 63 Resp: 150125
Ion Ratio Lower Upper
63 100
65 32.3 22.6 42.0
83 12.9 9.0 16.8



#20
cis-1,2-Dichloroethene
Concen: 24.614 ug/L
RT: 7.081 min Scan# 934
Delta R.T. 0.000 min
Lab File: VD079814.D
Acq: 10 Sep 2024 14:20

Tgt Ion: 96 Resp: 84877
Ion Ratio Lower Upper
96 100
61 119.7 83.8 155.6
98 65.6 45.9 85.3

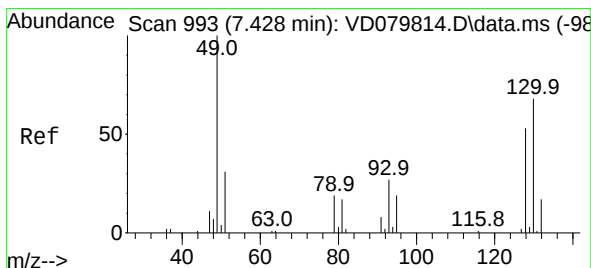
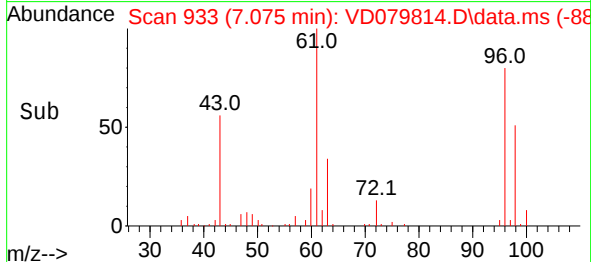
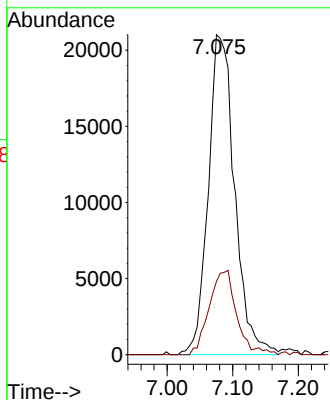
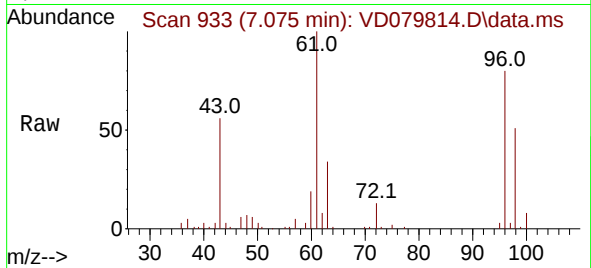




#22
2-Butanone
Concen: 52.563 ug/L
RT: 7.075 min Scan# 933
Delta R.T. 0.000 min
Lab File: VD079814.D
Acq: 10 Sep 2024 14:20

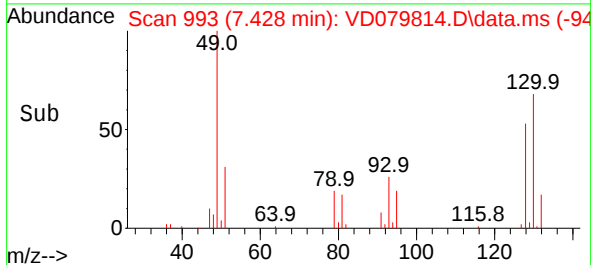
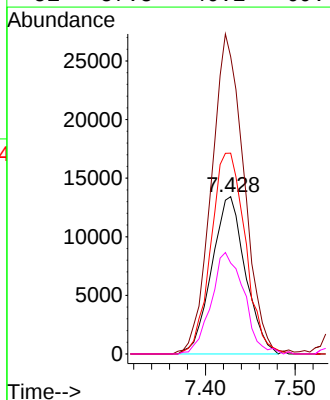
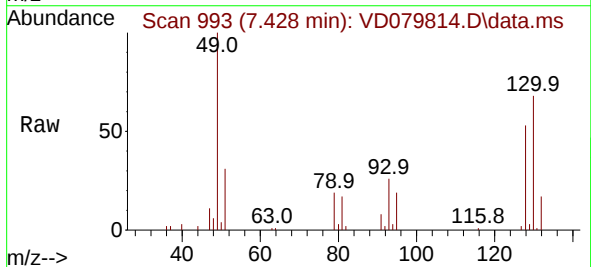
Instrument :
MSVOA_D
ClientSampleId :

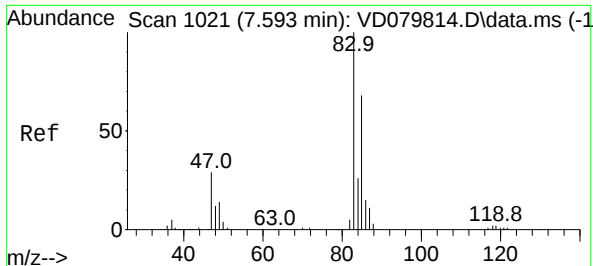
Tgt Ion: 43 Resp: 58752
Ion Ratio Lower Upper
43 100
72 26.2 13.1 39.3



#23
Bromochloromethane
Concen: 23.853 ug/L
RT: 7.428 min Scan# 993
Delta R.T. 0.000 min
Lab File: VD079814.D
Acq: 10 Sep 2024 14:20

Tgt Ion:128 Resp: 34909
Ion Ratio Lower Upper
128 100
49 189.0 132.3 245.7
130 127.7 89.4 166.0
51 57.8 46.2 69.4

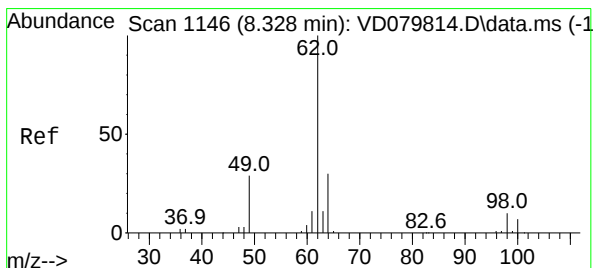
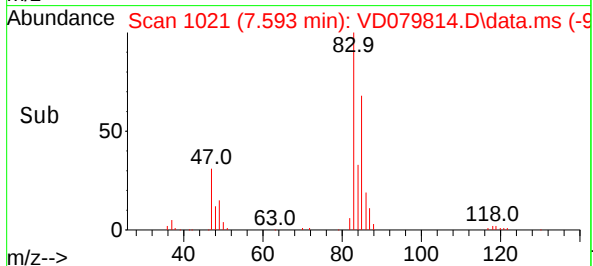
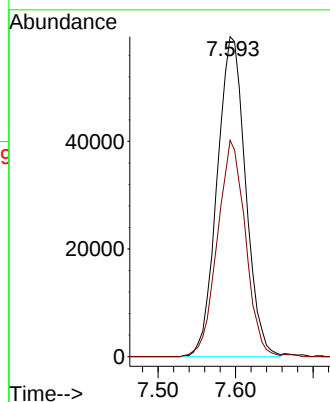
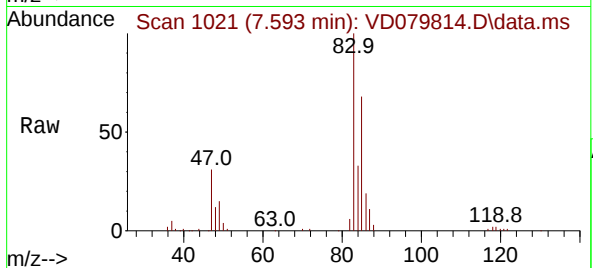




#25
Chloroform
Concen: 23.428 ug/L
RT: 7.593 min Scan# 1021
Delta R.T. 0.000 min
Lab File: VD079814.D
Acq: 10 Sep 2024 14:20

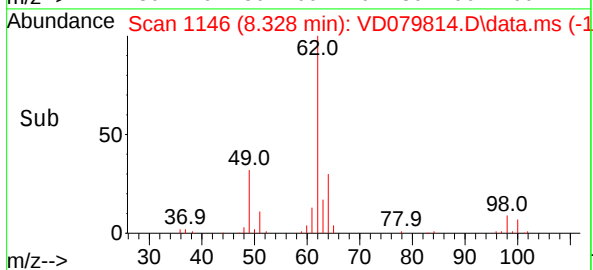
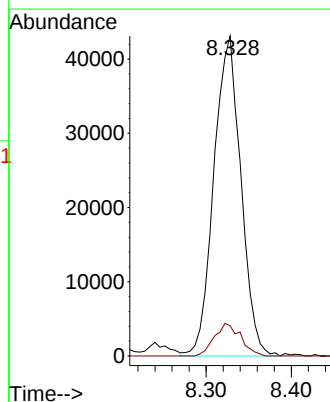
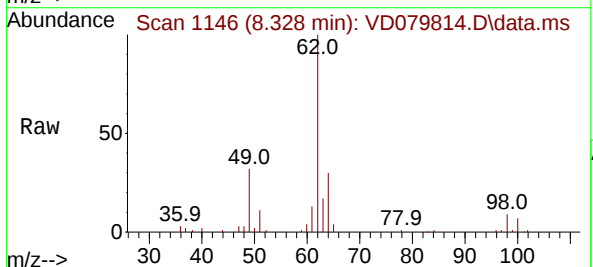
Instrument :
MSVOA_D
ClientSampleId :

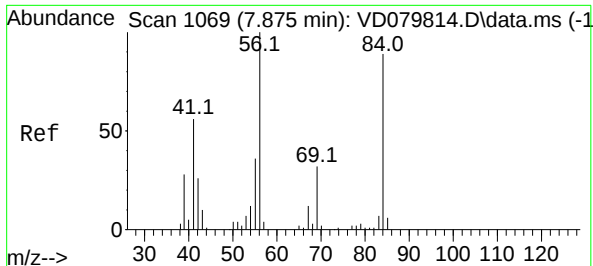
Tgt Ion: 83 Resp: 151706
Ion Ratio Lower Upper
83 100
85 67.6 47.3 87.9



#27
1,2-Dichloroethane
Concen: 23.982 ug/L
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD079814.D
Acq: 10 Sep 2024 14:20

Tgt Ion: 62 Resp: 94916
Ion Ratio Lower Upper
62 100
98 9.4 7.5 11.3

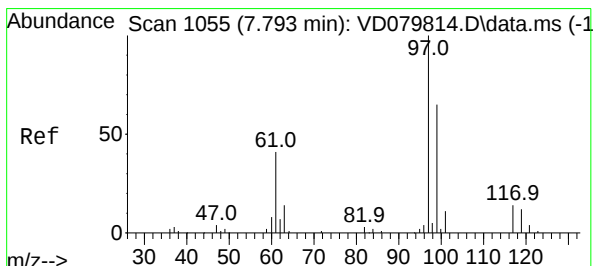
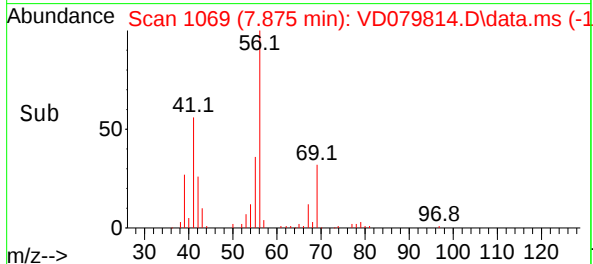
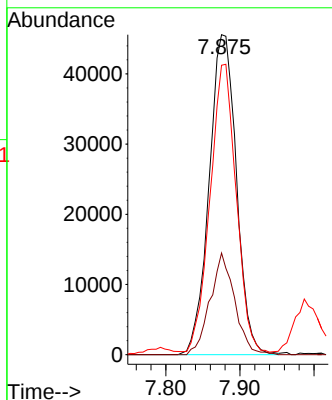
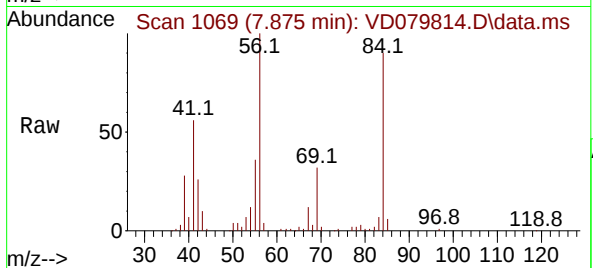




#29
Cyclohexane
Concen: 25.225 ug/L
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD079814.D
Acq: 10 Sep 2024 14:20

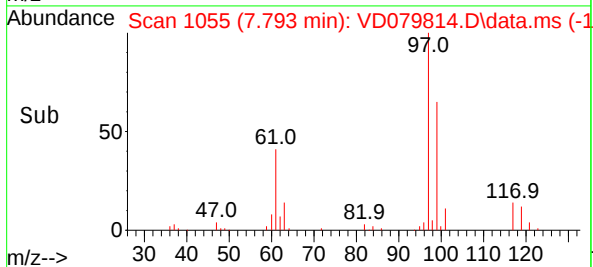
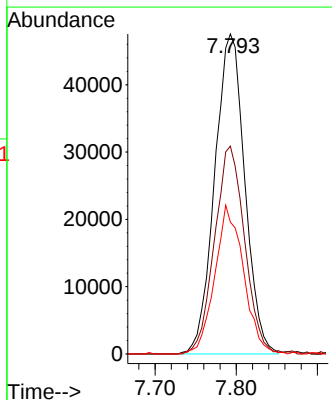
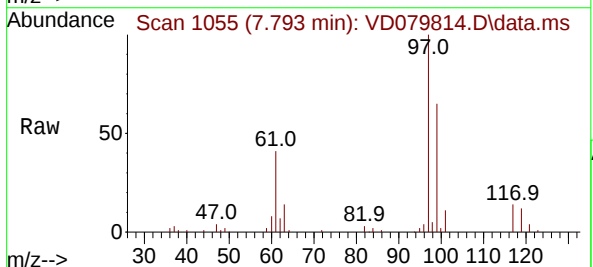
Instrument :
MSVOA_D
ClientSampleId :

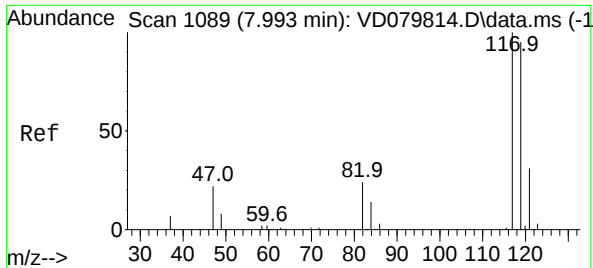
Tgt Ion: 56 Resp: 116613
Ion Ratio Lower Upper
56 100
69 28.5 22.8 34.2
84 86.4 69.1 103.7



#30
1,1,1-Trichloroethane
Concen: 24.063 ug/L
RT: 7.793 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VD079814.D
Acq: 10 Sep 2024 14:20

Tgt Ion: 97 Resp: 122586
Ion Ratio Lower Upper
97 100
99 64.9 51.9 77.9
61 44.3 35.4 53.2

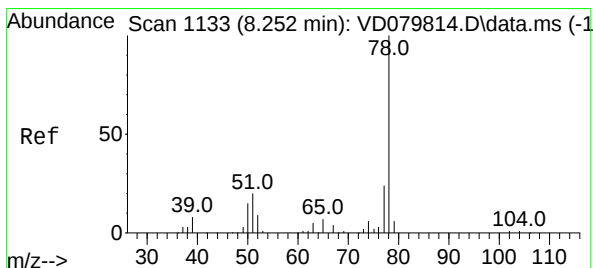
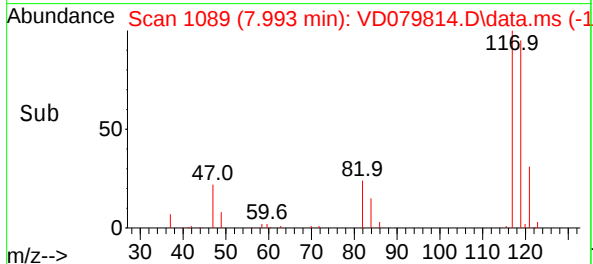
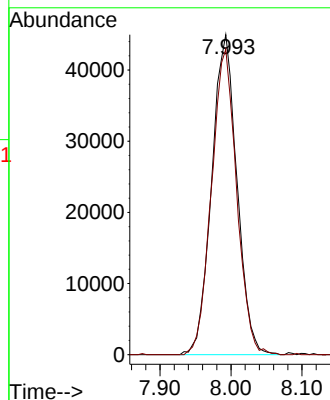
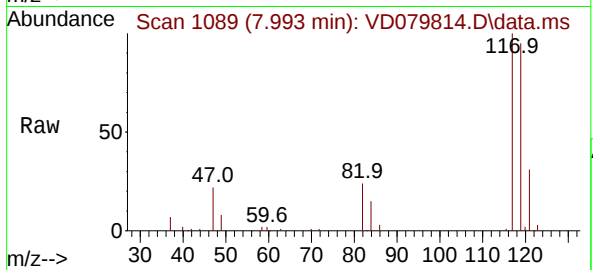




#31
Carbon tetrachloride
Concen: 24.592 ug/L
RT: 7.993 min Scan# 1110
Delta R.T. 0.000 min
Lab File: VD079814.D
Acq: 10 Sep 2024 14:20

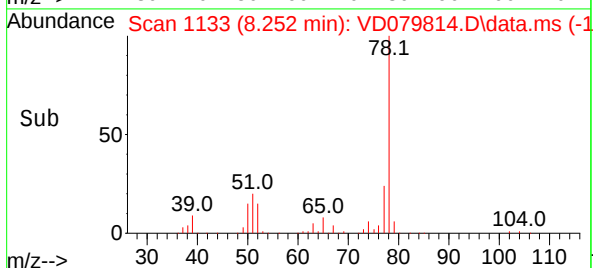
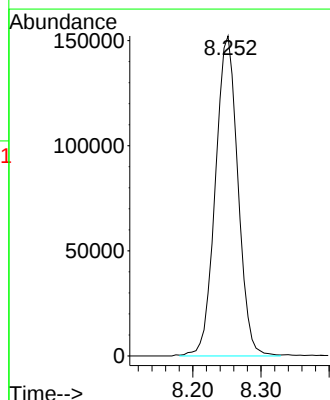
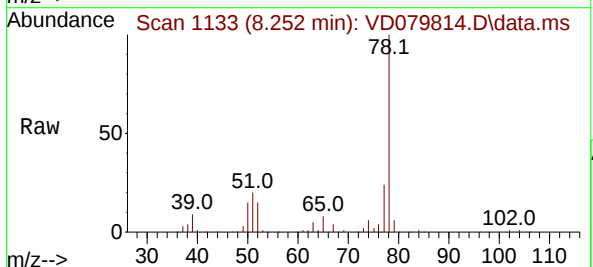
Instrument :
MSVOA_D
ClientSampleId :

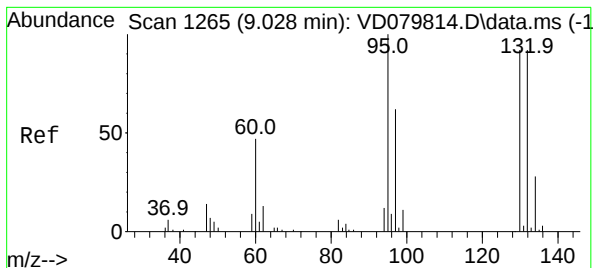
Tgt Ion:117 Resp: 111001
Ion Ratio Lower Upper
117 100
119 95.0 76.0 114.0



#33
Benzene
Concen: 25.141 ug/L
RT: 8.252 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VD079814.D
Acq: 10 Sep 2024 14:20

Tgt Ion: 78 Resp: 349880





#34

Trichloroethene

Concen: 24.242 ug/L

RT: 9.028 min Scan# 1265

Delta R.T. 0.000 min

Lab File: VD079814.D

Acq: 10 Sep 2024 14:20

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 95 Resp: 78096

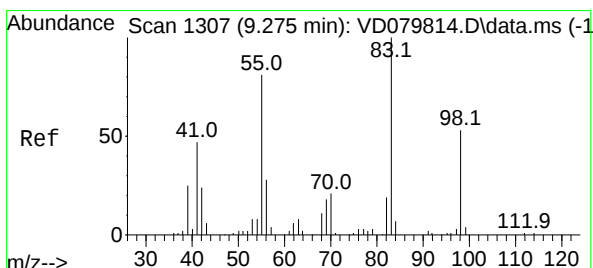
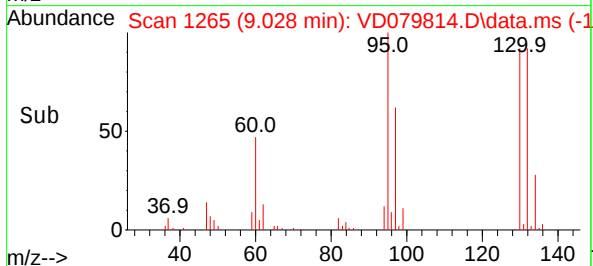
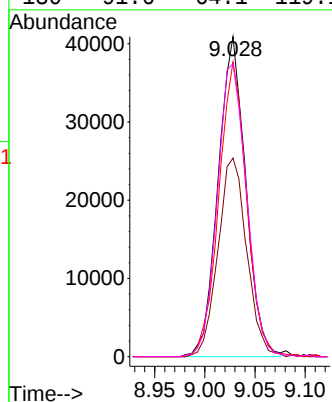
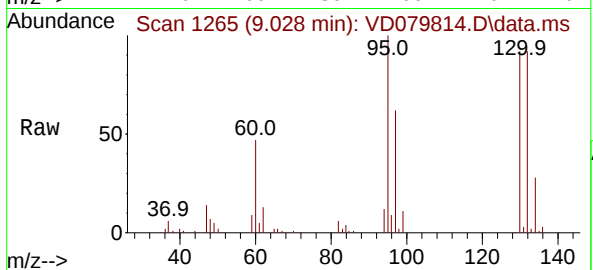
Ion Ratio Lower Upper

95 100

97 62.1 43.5 80.7

132 92.1 64.5 119.7

130 91.6 64.1 119.1



#35

Methylcyclohexane

Concen: 25.158 ug/L

RT: 9.275 min Scan# 1307

Delta R.T. 0.000 min

Lab File: VD079814.D

Acq: 10 Sep 2024 14:20

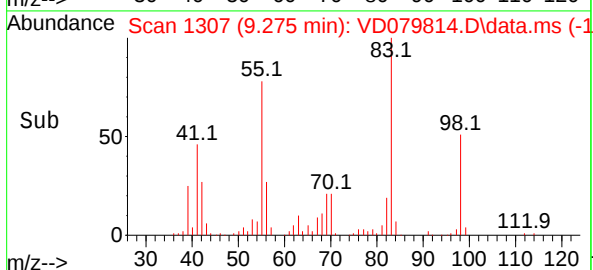
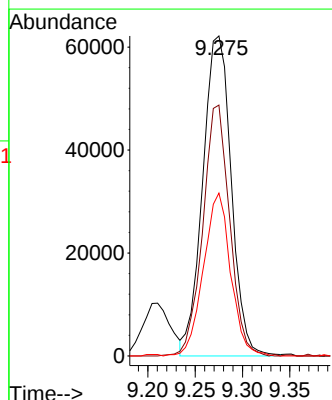
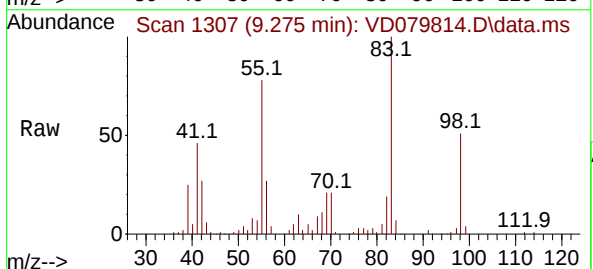
Tgt Ion: 83 Resp: 130555

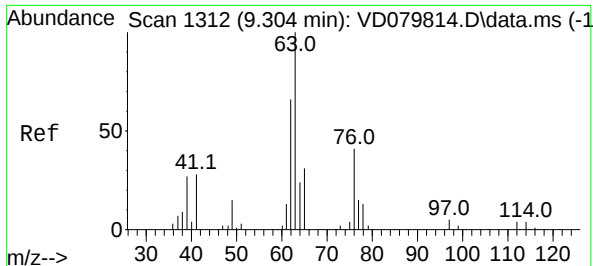
Ion Ratio Lower Upper

83 100

55 73.6 58.9 88.3

98 48.3 38.6 58.0

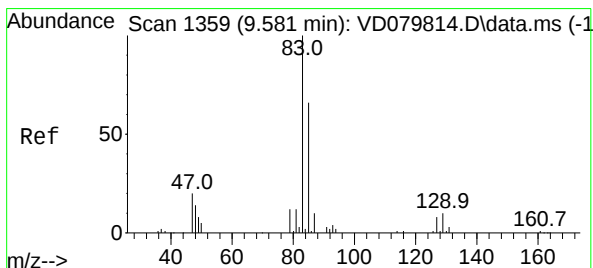
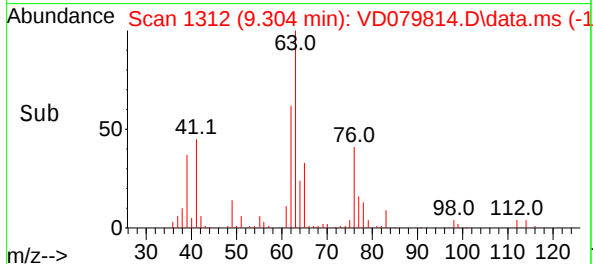
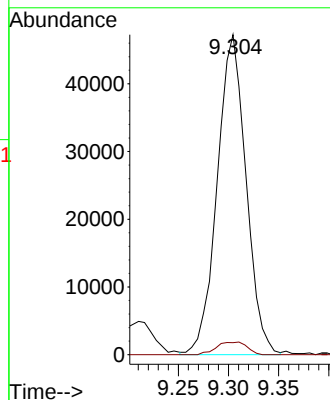
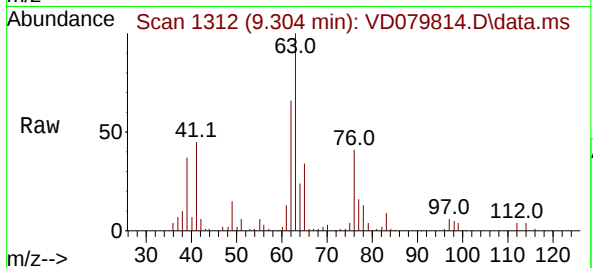




#37
1,2-Dichloropropane
Concen: 24.915 ug/L
RT: 9.304 min Scan# 1312
Delta R.T. 0.000 min
Lab File: VD079814.D
Acq: 10 Sep 2024 14:20

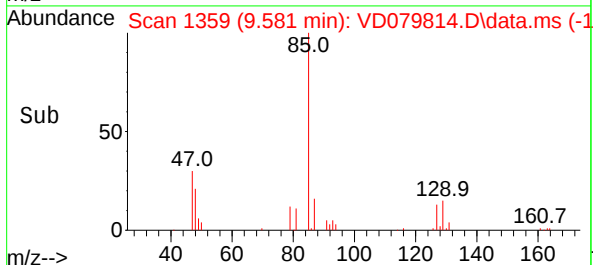
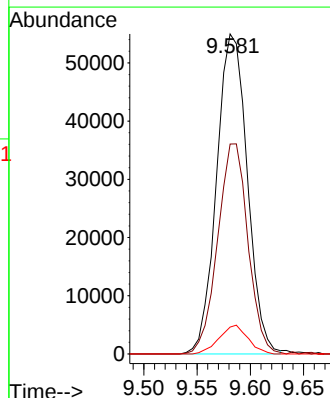
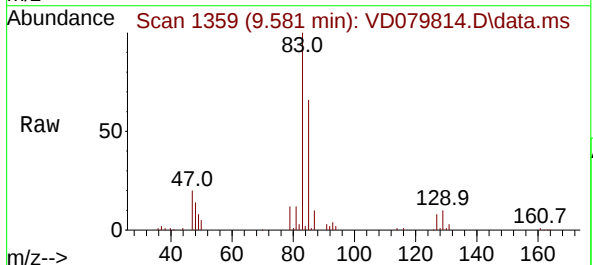
Instrument :
MSVOA_D
ClientSampleId :

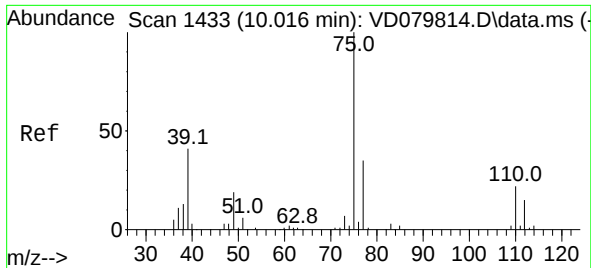
Tgt Ion: 63 Resp: 94560
Ion Ratio Lower Upper
63 100
112 0.0 0.0 0.0



#38
Bromodichloromethane
Concen: 24.937 ug/L
RT: 9.581 min Scan# 1359
Delta R.T. 0.000 min
Lab File: VD079814.D
Acq: 10 Sep 2024 14:20

Tgt Ion: 83 Resp: 110278
Ion Ratio Lower Upper
83 100
85 65.6 45.9 85.3
127 8.4 6.7 10.1





#39

cis-1,3-Dichloropropene

Concen: 25.768 ug/L

RT: 10.016 min Scan# 1433

Delta R.T. 0.000 min

Lab File: VD079814.D

Acq: 10 Sep 2024 14:20

Instrument :

MSVOA_D

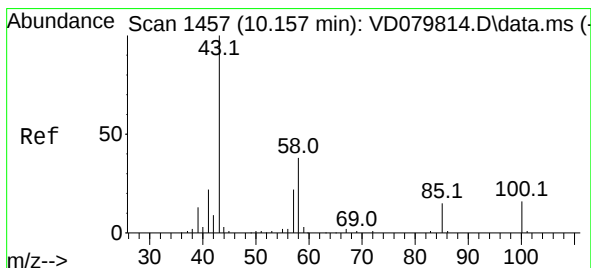
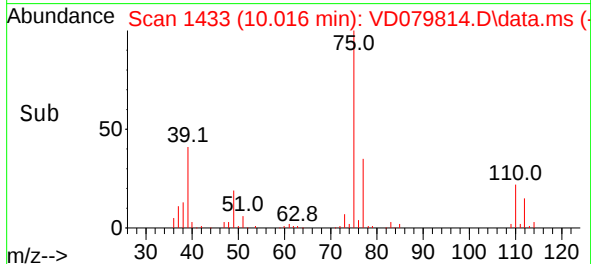
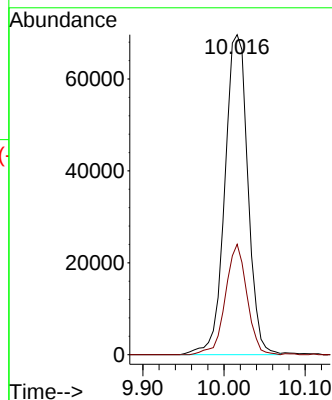
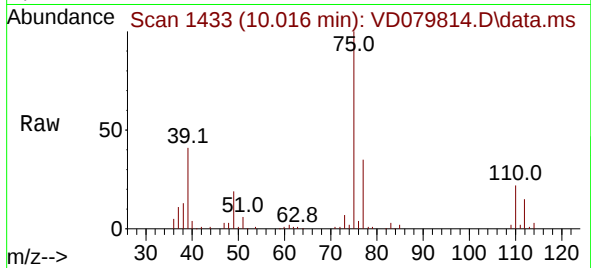
ClientSampleId :

Tgt Ion: 75 Resp: 137330

Ion Ratio Lower Upper

75 100

77 34.5 24.1 44.8



#40

4-Methyl-2-pentanone

Concen: 51.985 ug/L

RT: 10.157 min Scan# 1457

Delta R.T. 0.000 min

Lab File: VD079814.D

Acq: 10 Sep 2024 14:20

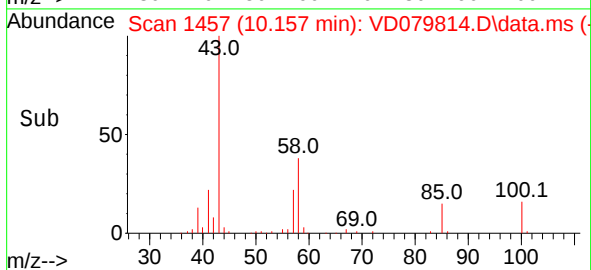
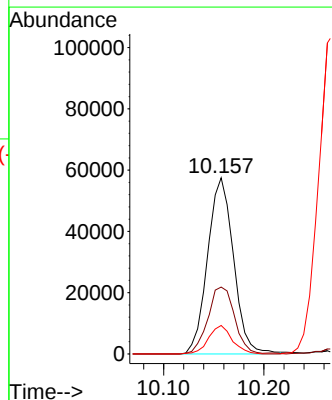
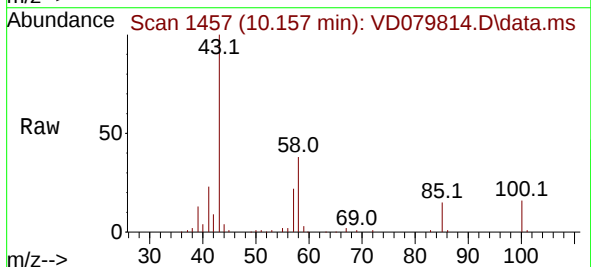
Tgt Ion: 43 Resp: 103279

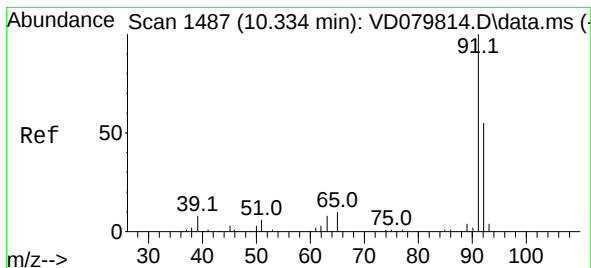
Ion Ratio Lower Upper

43 100

58 38.9 31.1 46.7

100 14.7 11.8 17.6





#42

Toluene

Concen: 25.820 ug/L

RT: 10.334 min Scan# 1487

Delta R.T. 0.000 min

Lab File: VD079814.D

Acq: 10 Sep 2024 14:20

Instrument :

MSVOA_D

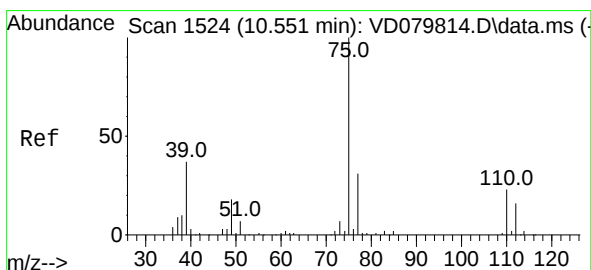
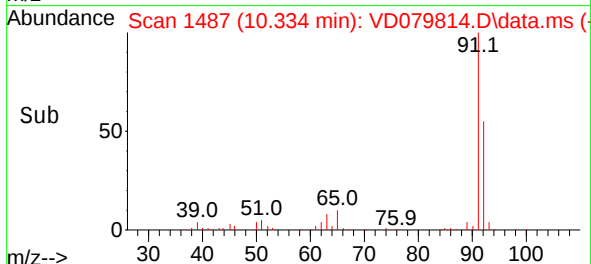
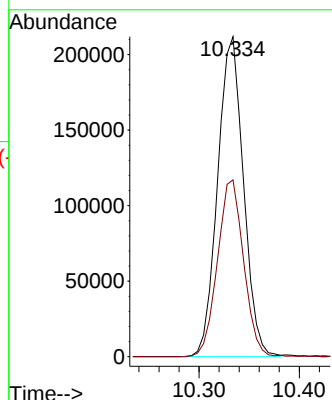
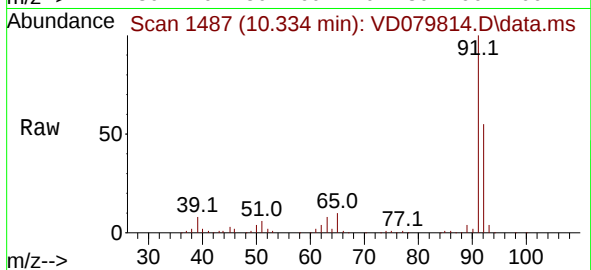
ClientSampleId :

Tgt Ion: 91 Resp: 378494

Ion Ratio Lower Upper

91 100

92 55.2 38.6 71.8



#44

trans-1,3-Dichloropropene

Concen: 25.991 ug/L

RT: 10.551 min Scan# 1524

Delta R.T. 0.000 min

Lab File: VD079814.D

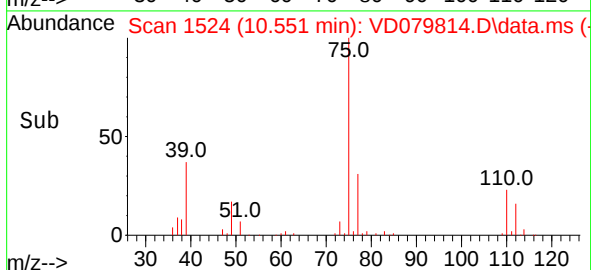
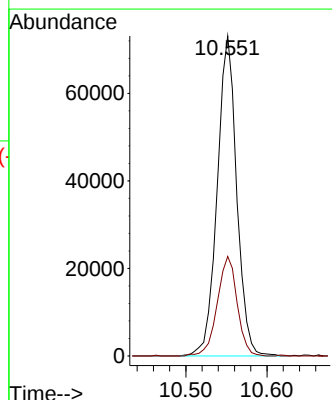
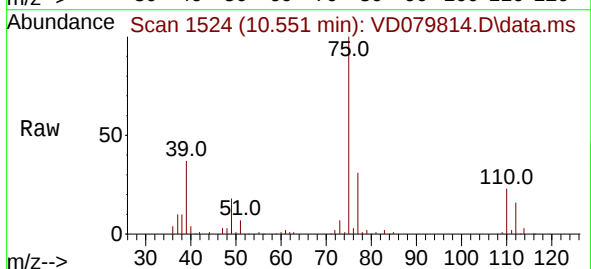
Acq: 10 Sep 2024 14:20

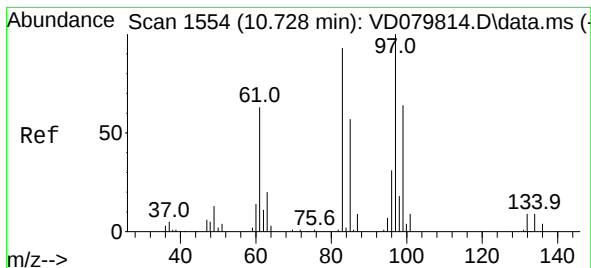
Tgt Ion: 75 Resp: 122076

Ion Ratio Lower Upper

75 100

77 31.1 21.8 40.4





#45

1,1,2-Trichloroethane

Concen: 25.111 ug/L

RT: 10.728 min Scan# 1554

Delta R.T. 0.000 min

Lab File: VD079814.D

Acq: 10 Sep 2024 14:20

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 97 Resp: 65113

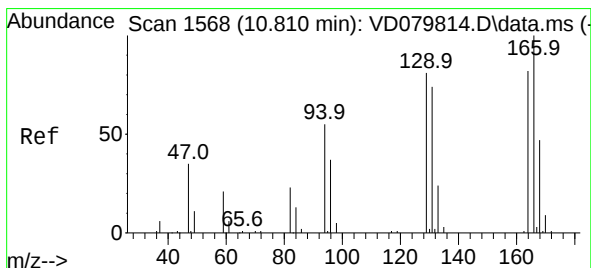
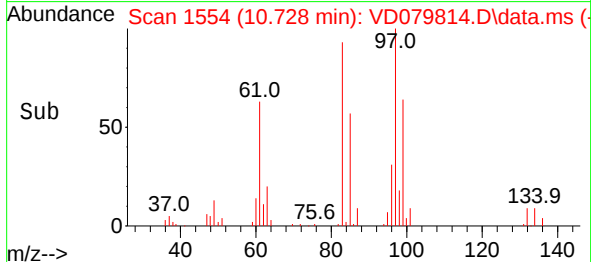
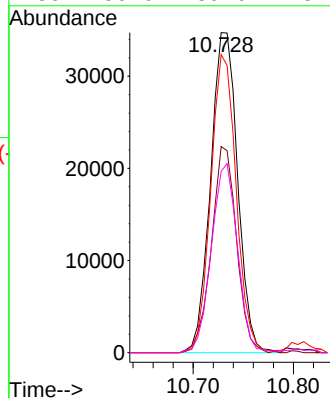
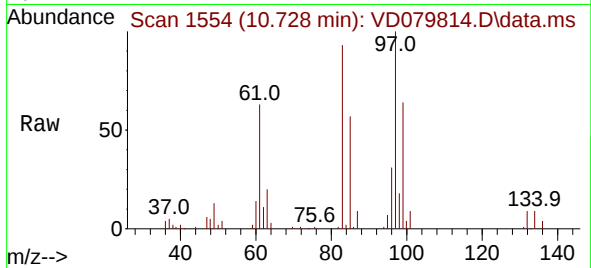
Ion Ratio Lower Upper

97 100

99 64.4 45.1 83.7

83 93.1 65.2 121.0

85 56.6 39.6 73.6



#46

Tetrachloroethene

Concen: 24.329 ug/L

RT: 10.810 min Scan# 1568

Delta R.T. 0.000 min

Lab File: VD079814.D

Acq: 10 Sep 2024 14:20

Tgt Ion:164 Resp: 53113

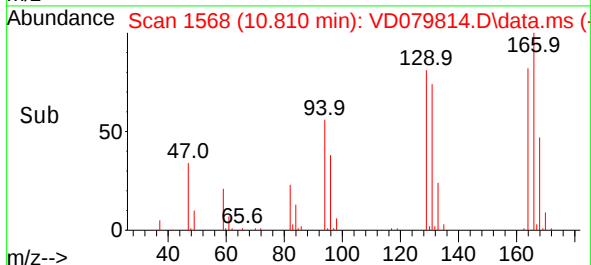
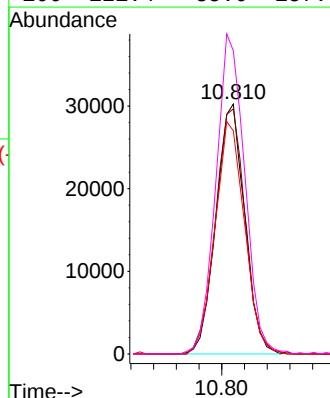
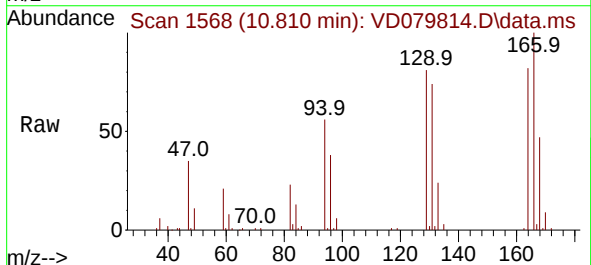
Ion Ratio Lower Upper

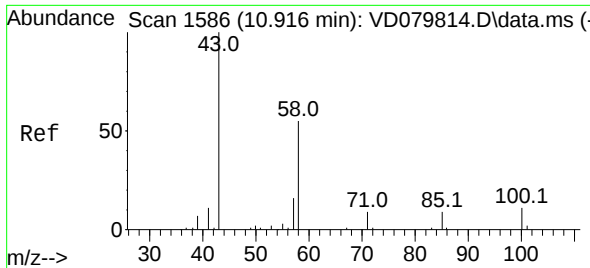
164 100

129 98.1 68.7 127.5

131 89.3 62.5 116.1

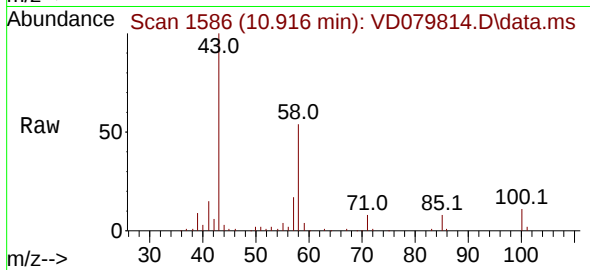
166 121.4 85.0 157.8



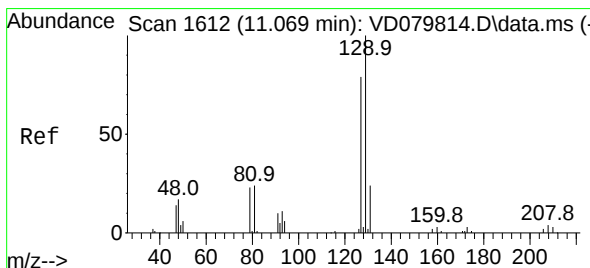
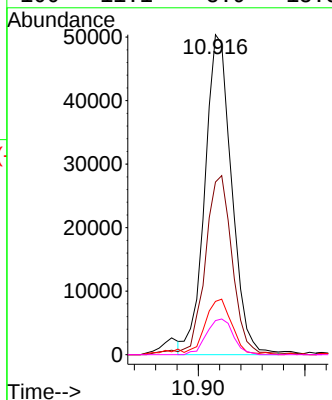
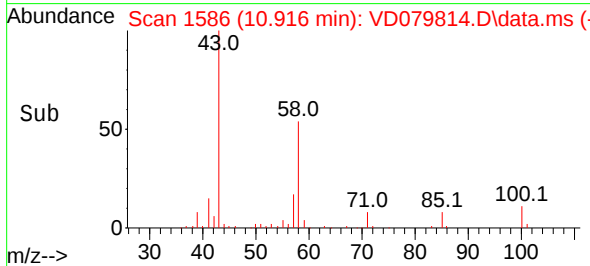


#48
2-Hexanone
Concen: 54.502 ug/L
RT: 10.916 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VD079814.D
Acq: 10 Sep 2024 14:20

Instrument :
MSVOA_D
ClientSampleId :

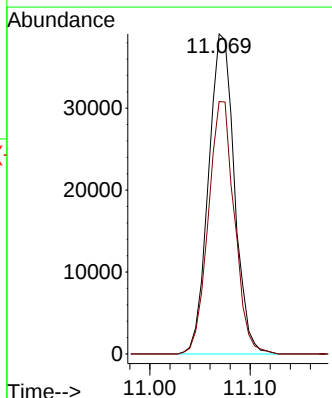
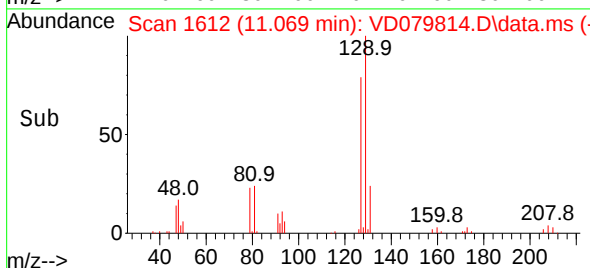
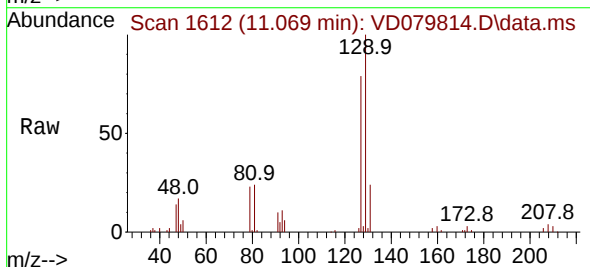


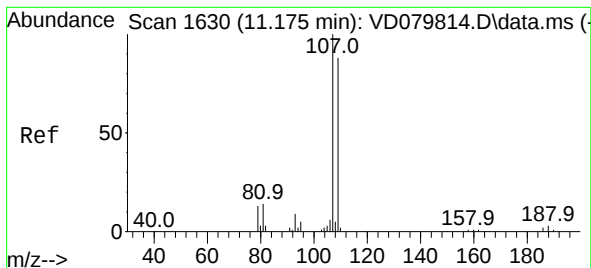
Tgt Ion	Ratio	Lower	Upper
43	100		
58	55.9	44.7	67.1
57	17.0	13.6	20.4
100	11.1	8.9	13.3



#49
Dibromochloromethane
Concen: 24.730 ug/L
RT: 11.069 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VD079814.D
Acq: 10 Sep 2024 14:20

Tgt Ion	Ratio	Lower	Upper
129	100		
127	78.9	55.2	102.6





#50

1,2-Dibromoethane

Concen: 25.037 ug/L

RT: 11.175 min Scan# 1630

Delta R.T. 0.000 min

Lab File: VD079814.D

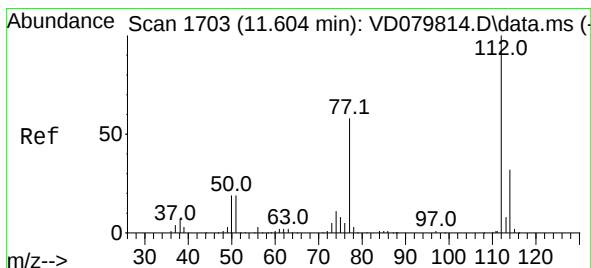
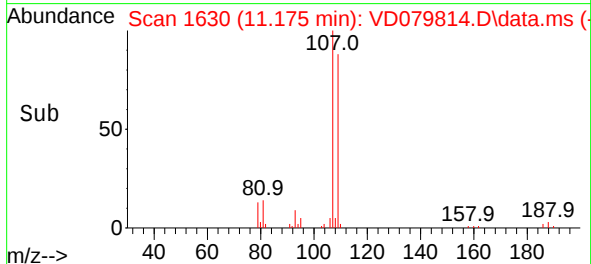
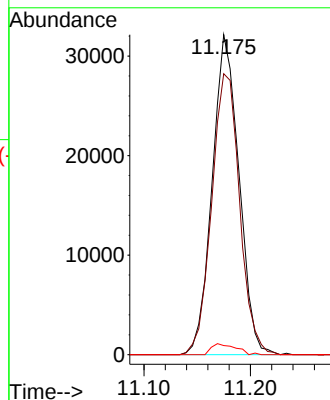
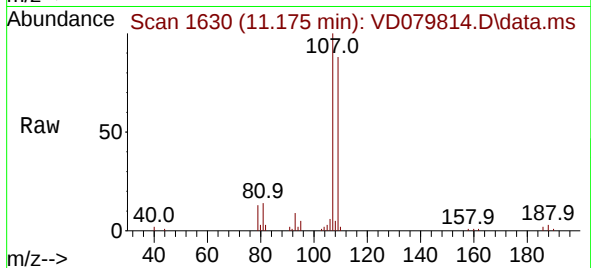
Acq: 10 Sep 2024 14:20

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	107	Resp:	56073
Ion	Ratio	Lower	Upper
107	100		
109	87.8	61.5	114.1
188	2.9	2.3	3.5



#51

Chlorobenzene

Concen: 25.091 ug/L

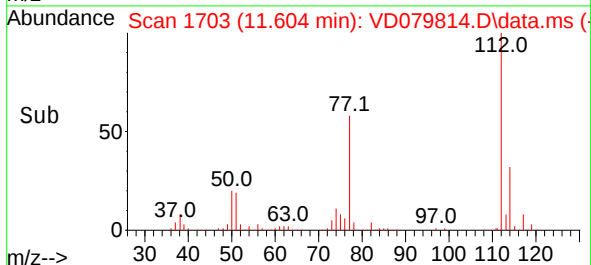
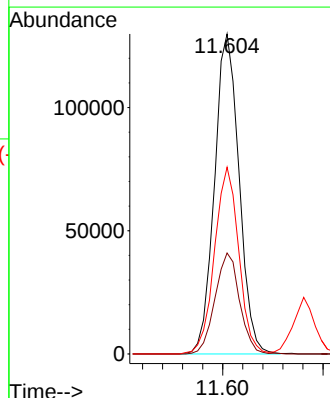
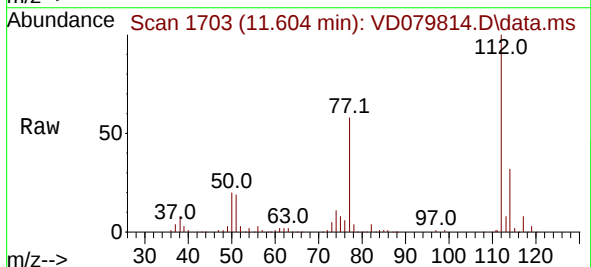
RT: 11.604 min Scan# 1703

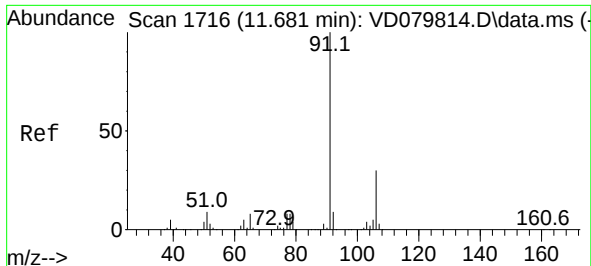
Delta R.T. 0.000 min

Lab File: VD079814.D

Acq: 10 Sep 2024 14:20

Tgt Ion:	112	Resp:	220738
Ion	Ratio	Lower	Upper
112	100		
114	31.5	22.0	41.0
77	58.4	46.7	70.1





#52

Ethylbenzene

Concen: 26.141 ug/L

RT: 11.681 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VD079814.D

Acq: 10 Sep 2024 14:20

Instrument :

MSVOA_D

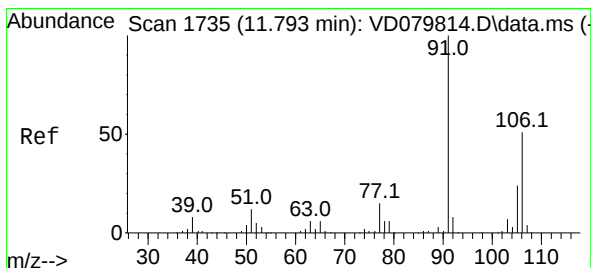
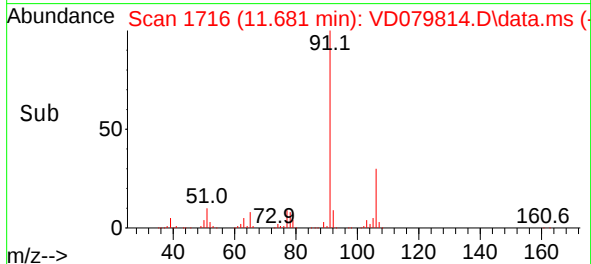
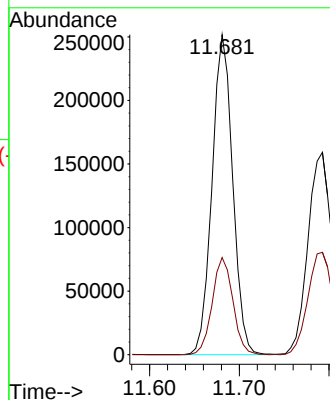
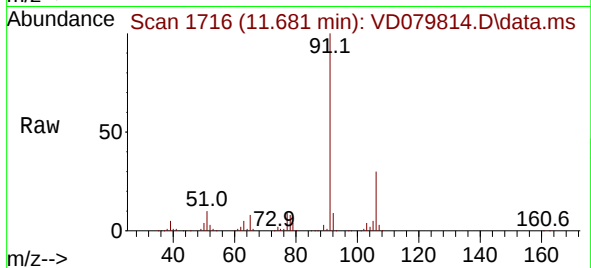
ClientSampleId :

Tgt Ion: 91 Resp: 402561

Ion Ratio Lower Upper

91 100

106 30.4 21.3 39.5



#53

m,p-Xylene

Concen: 26.426 ug/L

RT: 11.793 min Scan# 1735

Delta R.T. 0.000 min

Lab File: VD079814.D

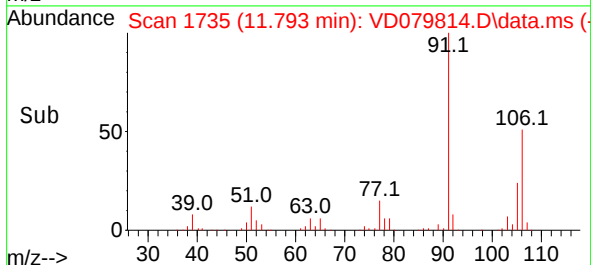
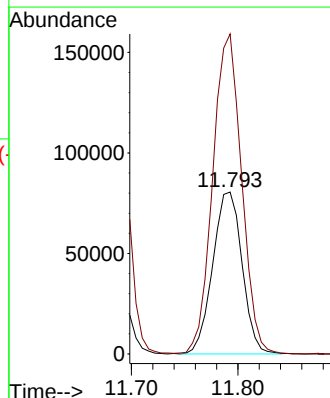
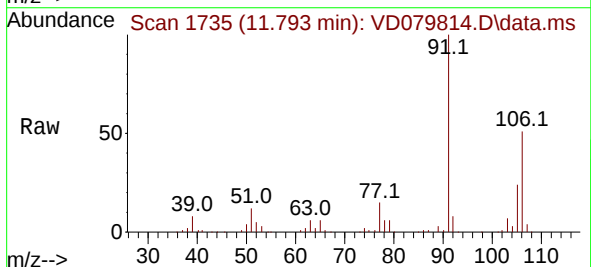
Acq: 10 Sep 2024 14:20

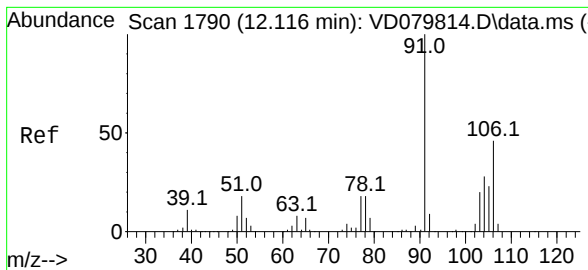
Tgt Ion:106 Resp: 154136

Ion Ratio Lower Upper

106 100

91 197.6 138.3 256.9

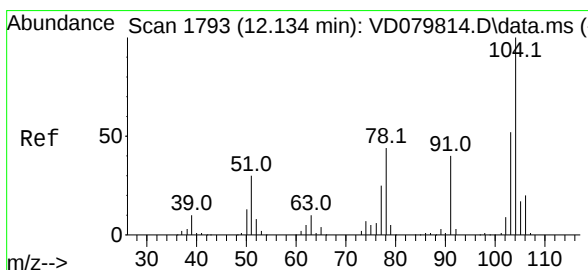
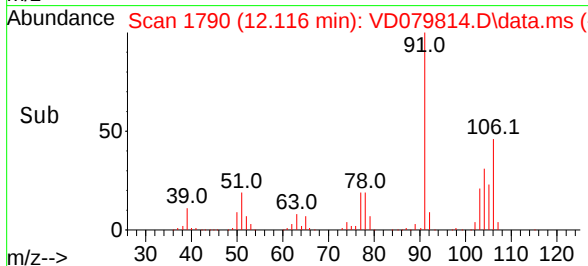
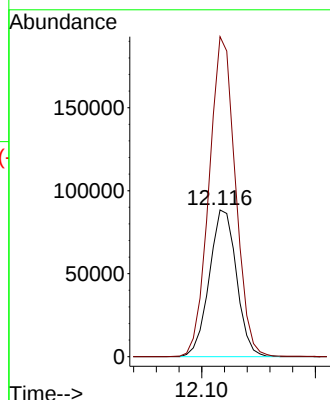
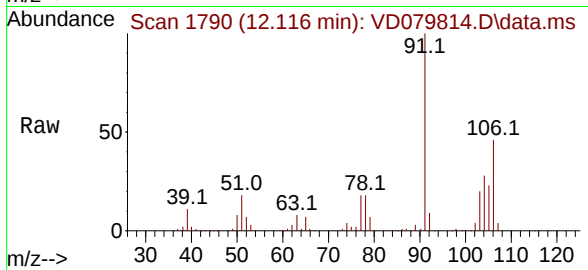




#54
o-Xylene
Concen: 25.719 ug/L
RT: 12.116 min Scan# 1790
Delta R.T. 0.000 min
Lab File: VD079814.D
Acq: 10 Sep 2024 14:20

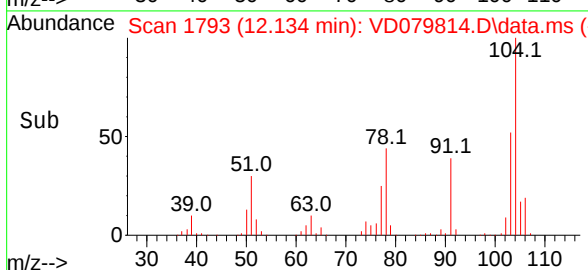
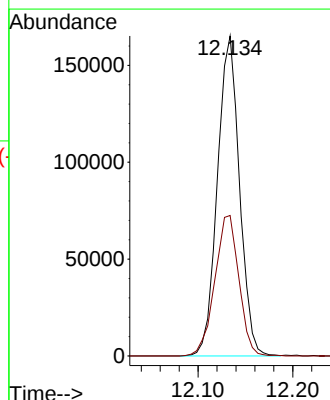
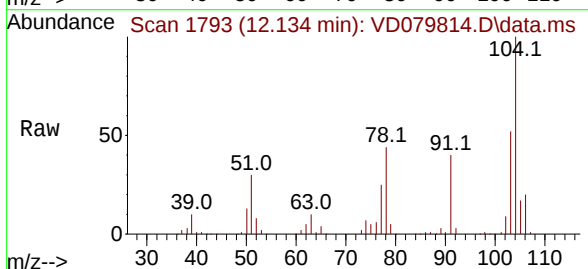
Instrument :
MSVOA_D
ClientSampleId :

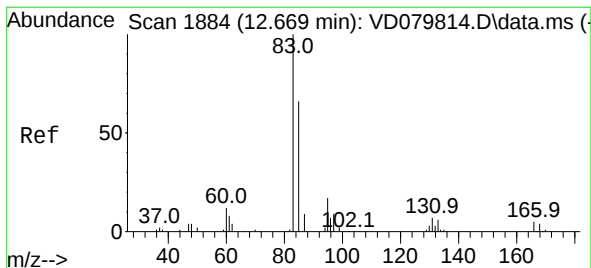
Tgt Ion:106 Resp: 147089
Ion Ratio Lower Upper
106 100
91 218.0 152.6 283.4



#55
Styrene
Concen: 26.625 ug/L
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD079814.D
Acq: 10 Sep 2024 14:20

Tgt Ion:104 Resp: 267613
Ion Ratio Lower Upper
104 100
78 43.9 30.7 57.1





#57

1,1,2,2-Tetrachloroethane

Concen: 24.786 ug/L

RT: 12.669 min Scan# 1884

Delta R.T. 0.000 min

Lab File: VD079814.D

Acq: 10 Sep 2024 14:20

Instrument :

MSVOA_D

ClientSampleId :

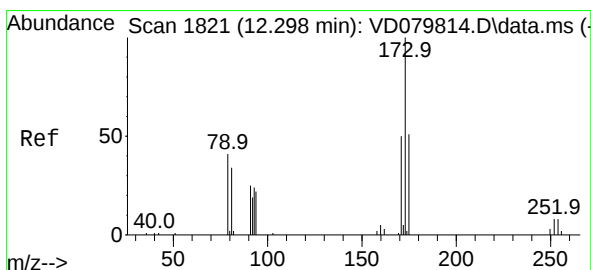
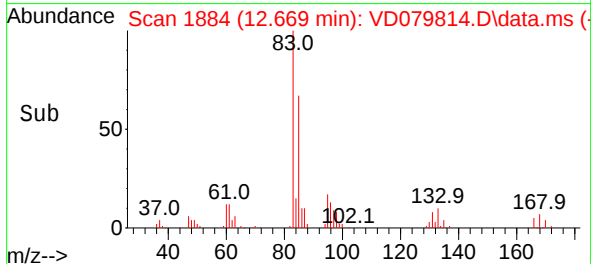
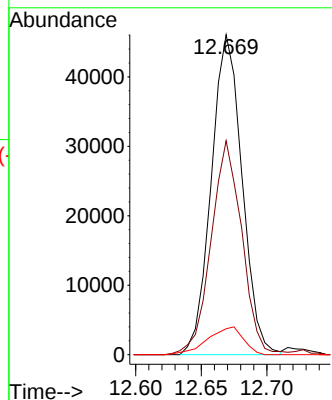
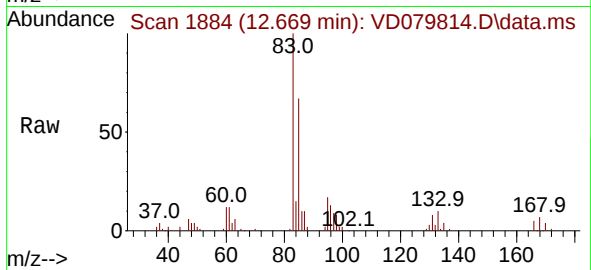
Tgt Ion: 83 Resp: 75336

Ion Ratio Lower Upper

83 100

85 66.9 46.8 87.0

131 8.1 6.5 9.7



#59

Bromoform

Concen: 24.809 ug/L

RT: 12.298 min Scan# 1821

Delta R.T. 0.000 min

Lab File: VD079814.D

Acq: 10 Sep 2024 14:20

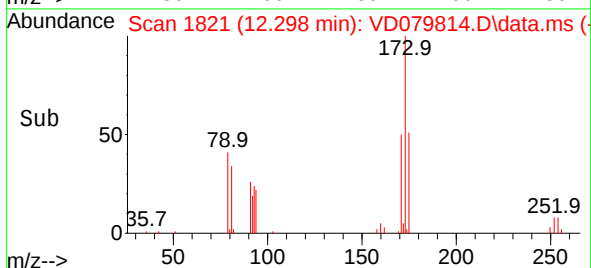
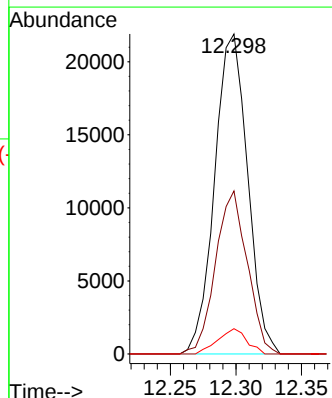
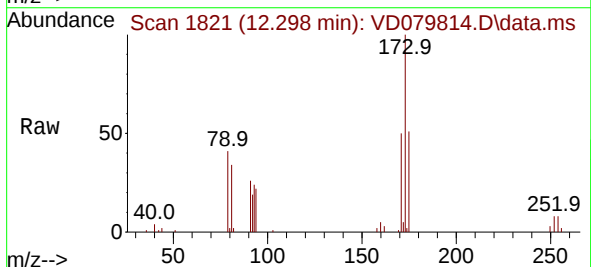
Tgt Ion:173 Resp: 38266

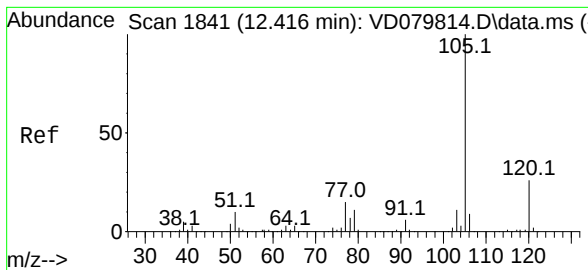
Ion Ratio Lower Upper

173 100

175 49.0 39.2 58.8

254 6.9 5.5 8.3





#60

Isopropylbenzene

Concen: 25.131 ug/L

RT: 12.416 min Scan# 1841

Delta R.T. 0.000 min

Lab File: VD079814.D

Acq: 10 Sep 2024 14:20

Instrument :

MSVOA_D

ClientSampleId :

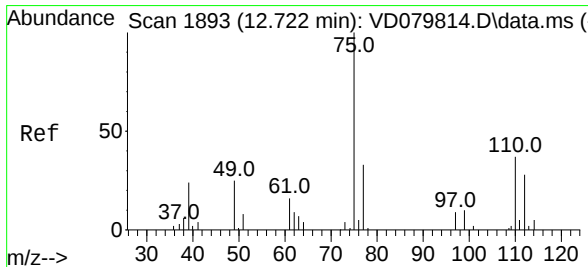
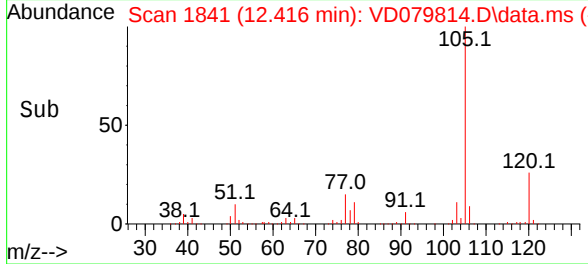
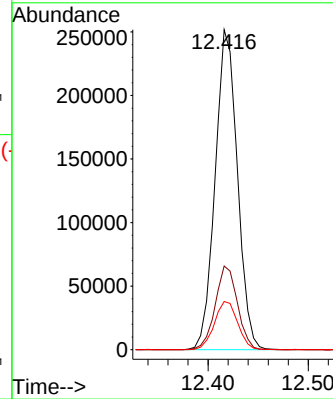
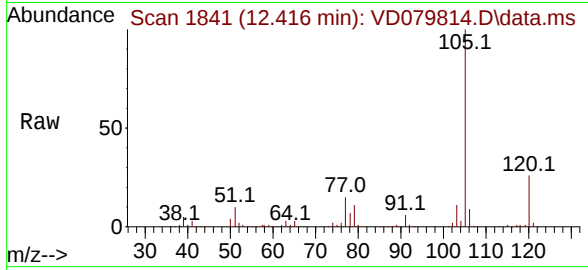
Tgt Ion:105 Resp: 387680

Ion Ratio Lower Upper

105 100

120 26.1 20.9 31.3

77 15.8 12.6 19.0



#61

1,2,3-Trichloropropane

Concen: 23.924 ug/L

RT: 12.722 min Scan# 1893

Delta R.T. 0.000 min

Lab File: VD079814.D

Acq: 10 Sep 2024 14:20

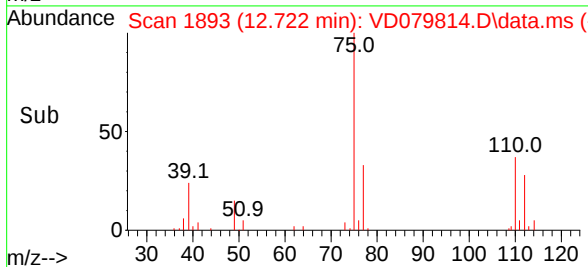
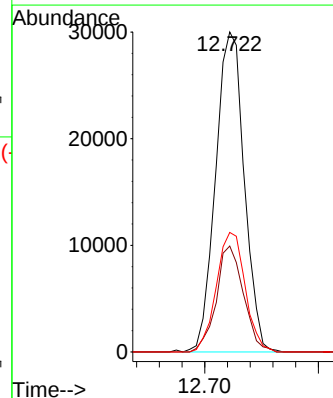
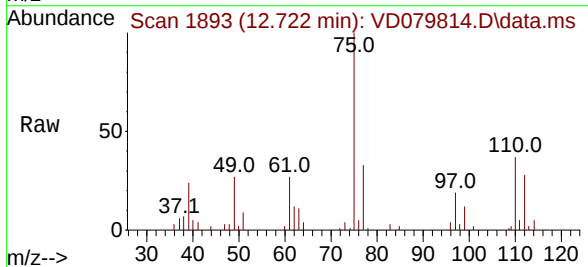
Tgt Ion: 75 Resp: 52544

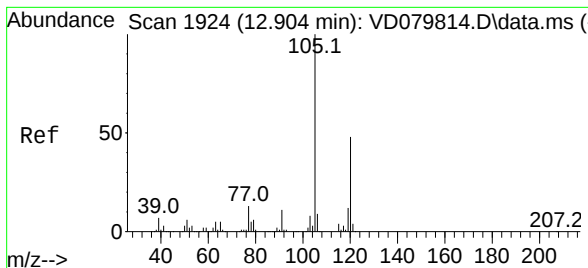
Ion Ratio Lower Upper

75 100

77 31.4 25.1 37.7

110 37.6 30.1 45.1

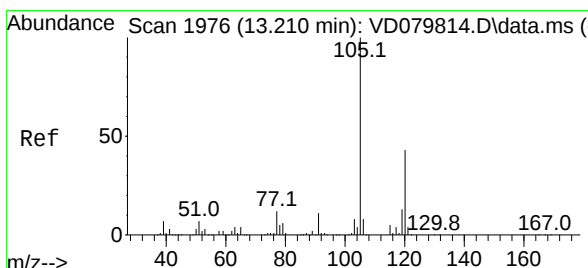
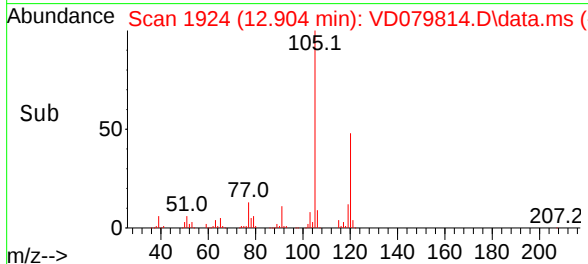
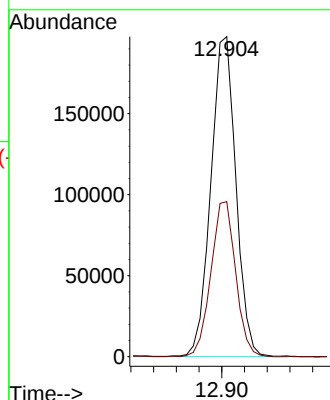
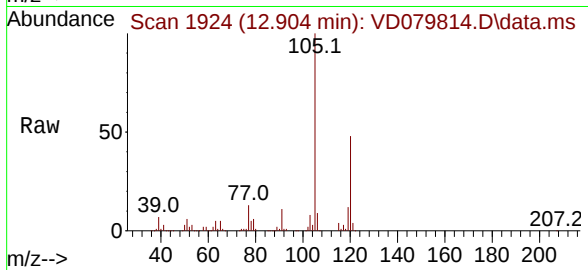




#62
1,3,5-Trimethylbenzene
Concen: 26.779 ug/L
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD079814.D
Acq: 10 Sep 2024 14:20

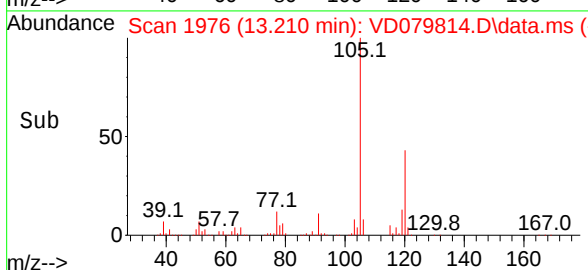
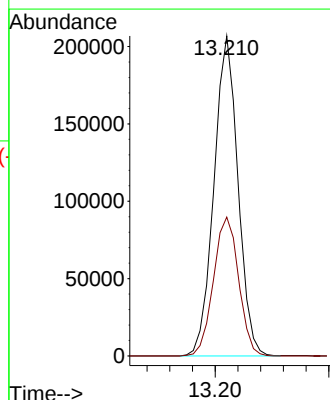
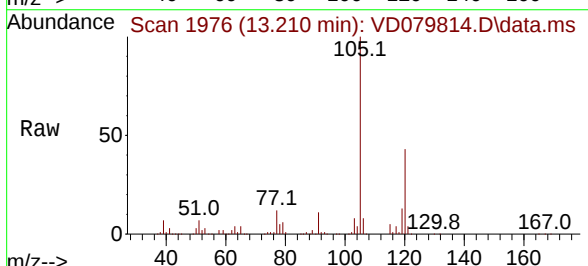
Instrument :
MSVOA_D
ClientSampleId :

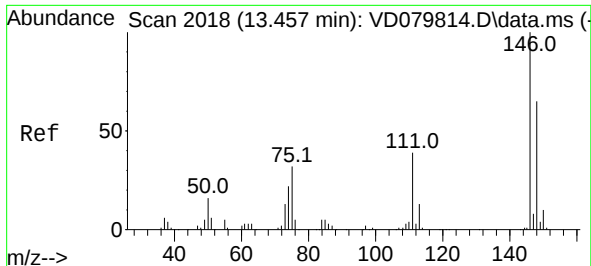
Tgt Ion:105 Resp: 302123
Ion Ratio Lower Upper
105 100
120 47.9 38.3 57.5



#63
1,2,4-Trimethylbenzene
Concen: 25.687 ug/L
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD079814.D
Acq: 10 Sep 2024 14:20

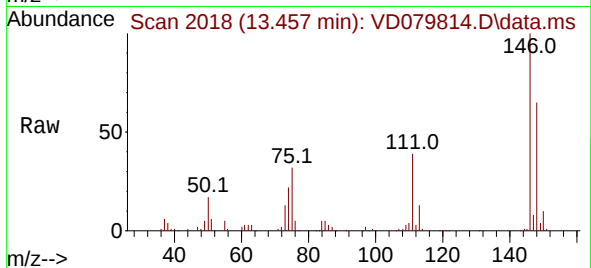
Tgt Ion:105 Resp: 303907
Ion Ratio Lower Upper
105 100
120 45.4 36.3 54.5



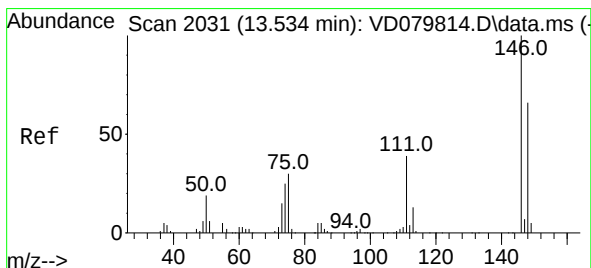
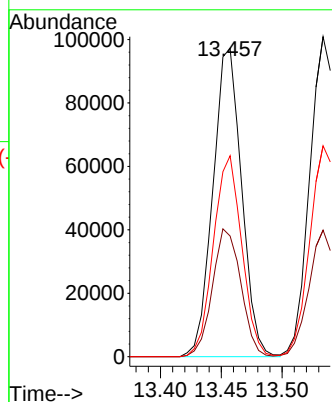
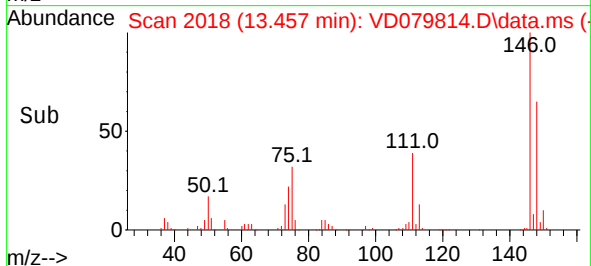


#64
1,3-Dichlorobenzene
Concen: 25.018 ug/L
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD079814.D
Acq: 10 Sep 2024 14:20

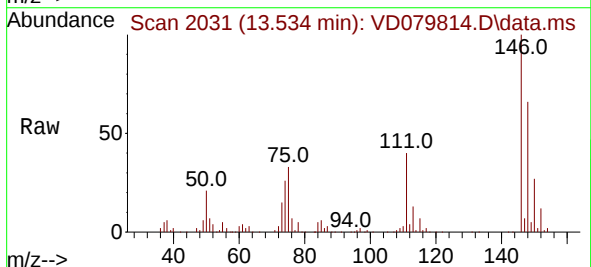
Instrument :
MSVOA_D
ClientSampleId :



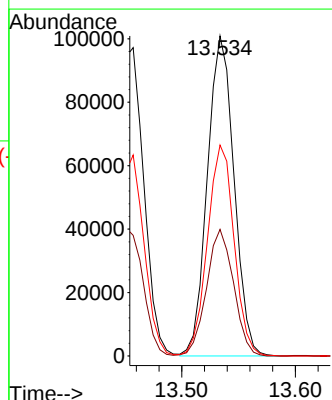
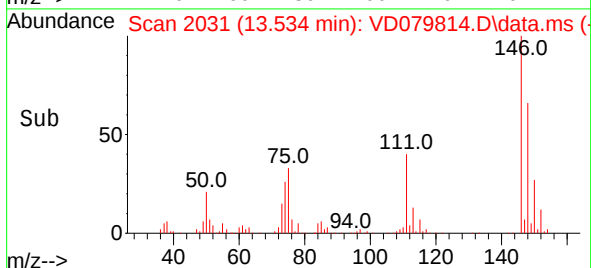
Tgt Ion:146 Resp: 159491
Ion Ratio Lower Upper
146 100
111 39.1 27.4 50.8
148 65.2 45.6 84.8

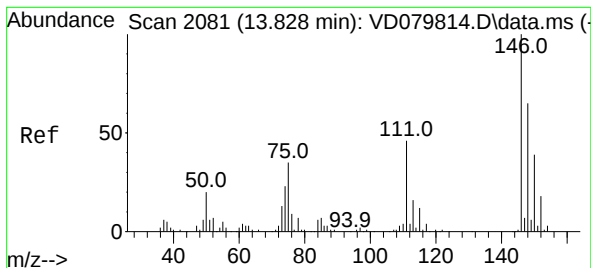


#65
1,4-Dichlorobenzene
Concen: 24.620 ug/L
RT: 13.534 min Scan# 2031
Delta R.T. 0.000 min
Lab File: VD079814.D
Acq: 10 Sep 2024 14:20



Tgt Ion:146 Resp: 164626
Ion Ratio Lower Upper
146 100
111 39.5 27.6 51.4
148 65.9 46.1 85.7

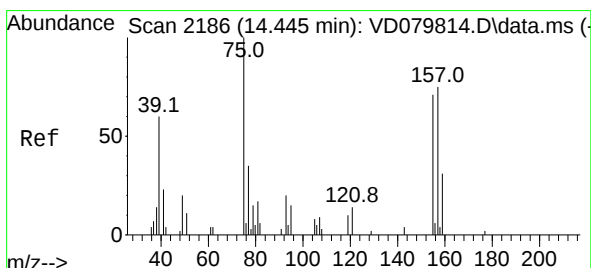
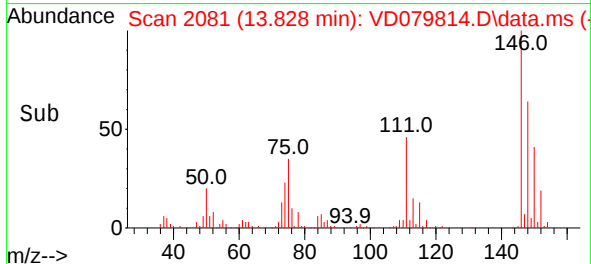
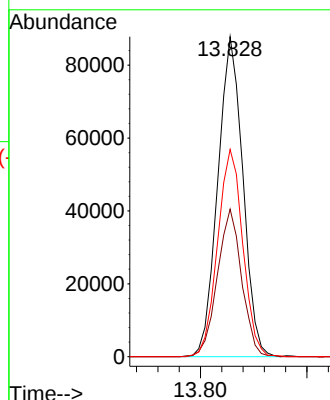
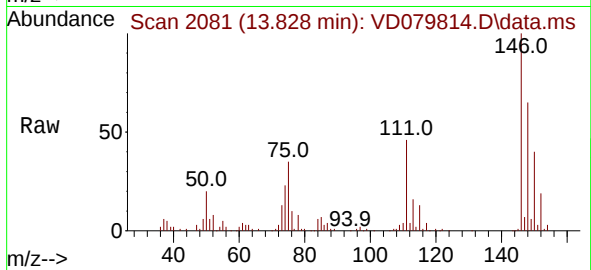




#67
1,2-Dichlorobenzene
Concen: 24.854 ug/L
RT: 13.828 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VD079814.D
Acq: 10 Sep 2024 14:20

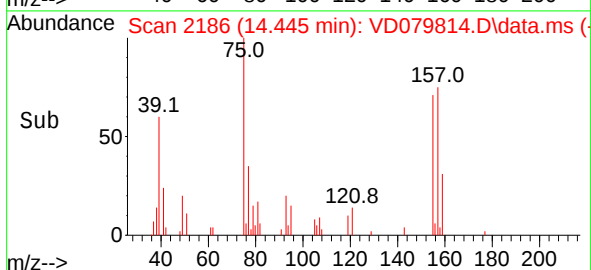
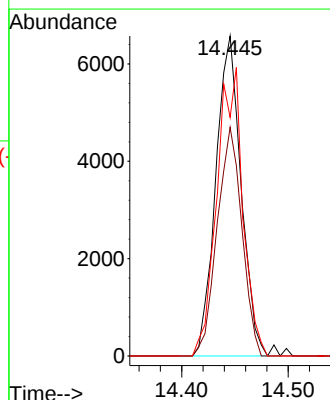
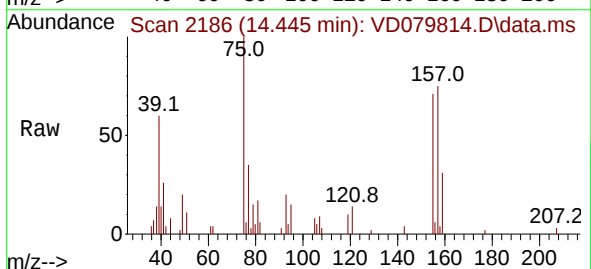
Instrument :
MSVOA_D
ClientSampleId :

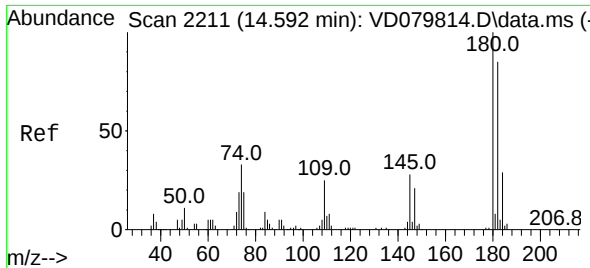
Tgt Ion:146 Resp: 143211
Ion Ratio Lower Upper
146 100
111 46.1 36.9 55.3
148 64.8 51.8 77.8



#68
1,2-Dibromo-3-chloropropane
Concen: 24.229 ug/L
RT: 14.445 min Scan# 2186
Delta R.T. 0.000 min
Lab File: VD079814.D
Acq: 10 Sep 2024 14:20

Tgt Ion: 75 Resp: 10888
Ion Ratio Lower Upper
75 100
155 71.5 57.2 85.8
157 74.6 59.7 89.5





#69

1,3,5-Trichlorobenzene

Concen: 24.277 ug/L

RT: 14.592 min Scan# 2211

Delta R.T. 0.000 min

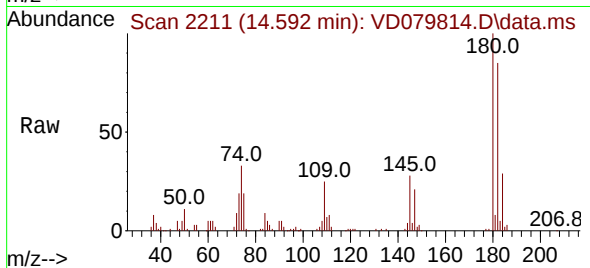
Lab File: VD079814.D

Acq: 10 Sep 2024 14:20

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:180 Resp: 93841

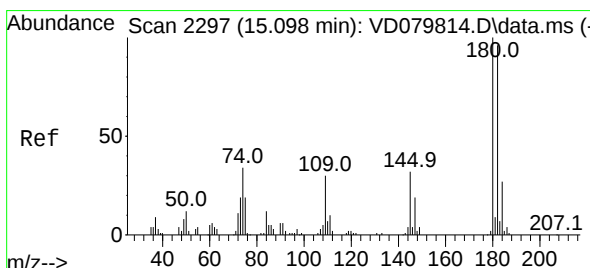
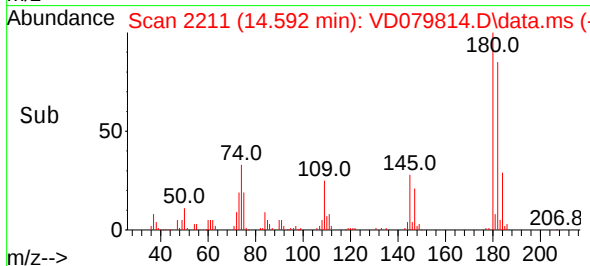
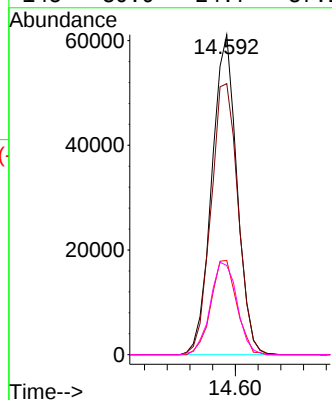
Ion Ratio Lower Upper

180 100

182 90.8 72.6 109.0

184 30.2 24.2 36.2

145 30.9 24.7 37.1



#70

1,2,4-trichlorobenzene

Concen: 23.621 ug/L

RT: 15.098 min Scan# 2297

Delta R.T. 0.000 min

Lab File: VD079814.D

Acq: 10 Sep 2024 14:20

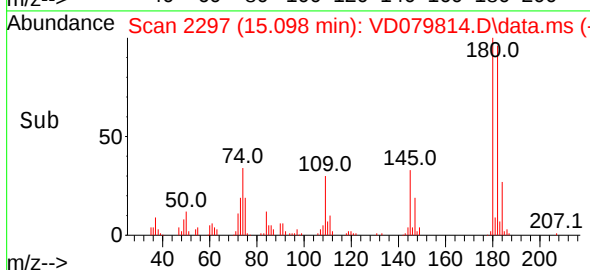
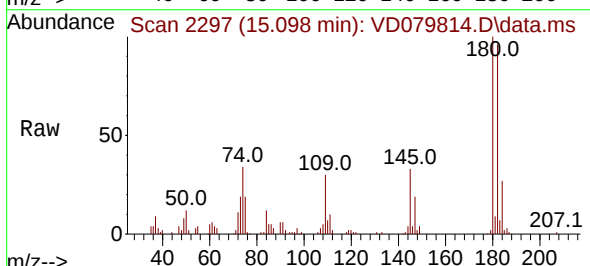
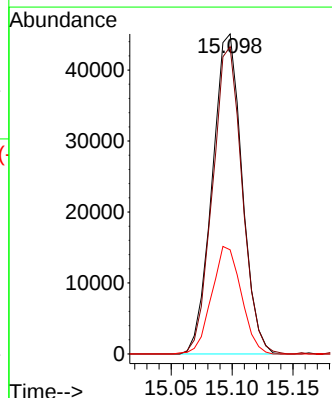
Tgt Ion:180 Resp: 76876

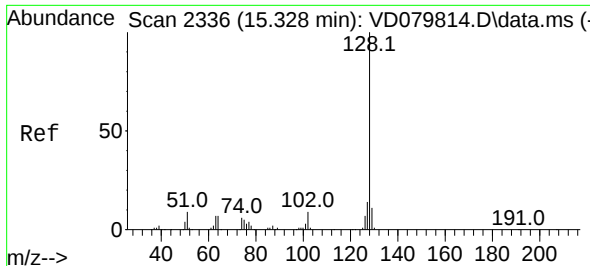
Ion Ratio Lower Upper

180 100

182 94.9 75.9 113.9

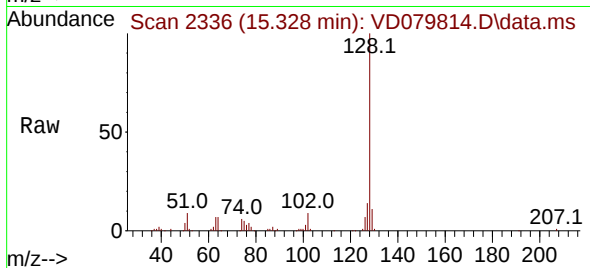
145 33.3 26.6 40.0



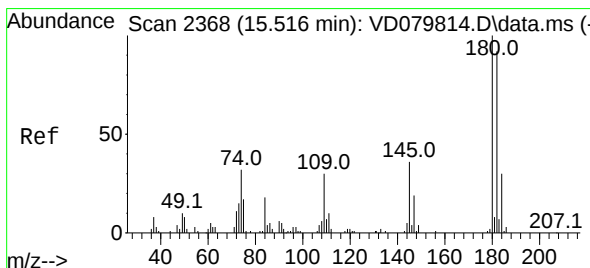
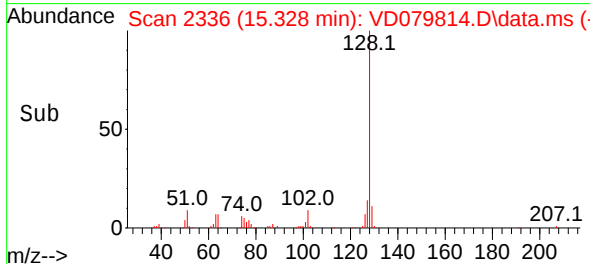
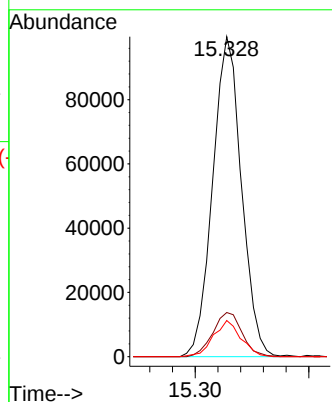


#71
Naphthalene
Concen: 24.101 ug/L
RT: 15.328 min Scan# 2336
Delta R.T. 0.000 min
Lab File: VD079814.D
Acq: 10 Sep 2024 14:20

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion:128 Resp: 175194
Ion Ratio Lower Upper
128 100
127 14.0 11.2 16.8
129 10.8 8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 24.889 ug/L
RT: 15.516 min Scan# 2368
Delta R.T. 0.000 min
Lab File: VD079814.D
Acq: 10 Sep 2024 14:20

Tgt Ion:180 Resp: 72457
Ion Ratio Lower Upper
180 100
182 92.6 74.1 111.1
145 33.0 26.4 39.6

