

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091024\
 Data File : VD079815.D
 Acq On : 10 Sep 2024 15:30
 Operator : RP/MD
 Sample : VSTDICV025
 Misc : 5.00G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Sep 11 06:17:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM091024SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Sep 11 06:11:49 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	191673	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	187271	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	88416	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	186720	22.403	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.600%
7) Chloroethane-d5	2.799	69	149568	22.666	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.680%
11) 1,1-Dichloroethene-d2	3.911	65	35135	23.218	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	92.880%
21) 2-Butanone-d5	6.987	46	36314	46.894	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.780%
24) Chloroform-d	7.563	84	144151	22.879	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.520%
26) 1,2-Dichloroethane-d4	8.228	65	76978	23.364	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.440%
32) Benzene-d6	8.199	84	318472	24.088	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.360%
36) 1,2-Dichloropropane-d6	9.210	67	96045	23.719	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.880%
41) Toluene-d8	10.269	98	293981	25.269	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.080%
43) trans-1,3-Dichloroprop...	10.522	79	41632	23.914	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.640%
47) 2-Hexanone-d5	10.875	63	31586	47.852	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.700%
56) 1,1,2,2-Tetrachloroeth...	12.646	84	68940	23.169	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.680%
66) 1,2-Dichlorobenzene-d4	13.810	152	80285	24.078	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.320%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	82838	22.665	ug/L	96
3) Chloromethane	2.146	50	160978	25.126	ug/L	98
5) Vinyl chloride	2.281	62	193589	24.658	ug/L	97
6) Bromomethane	2.693	94	96684	24.458	ug/L	97
8) Chloroethane	2.834	64	126085	24.309	ug/L	100
9) Trichlorofluoromethane	3.170	101	127368	22.563	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	3.964	101	69415	22.216	ug/L	98
12) 1,1-Dichloroethene	3.940	96	70555	24.244	ug/L	84
13) Acetone	4.022	43	51437	54.483	ug/L	100
14) Carbon disulfide	4.269	76	229626	24.257	ug/L	98
15) Methyl Acetate	4.564	43	37915	25.212	ug/L #	82
16) Methylene chloride	4.799	84	88779	23.441	ug/L	95
17) trans-1,2-Dichloroethene	5.311	96	78540	25.311	ug/L	97
18) Methyl tert-butyl Ether	5.322	73	185862	26.625	ug/L	98
19) 1,1-Dichloroethane	6.111	63	157950	25.626	ug/L	99
20) cis-1,2-Dichloroethene	7.081	96	89989	26.338	ug/L	97
22) 2-Butanone	7.081	43	58805	53.098	ug/L	95
23) Bromochloromethane	7.422	128	35849	24.722	ug/L	95
25) Chloroform	7.593	83	164389	25.622	ug/L	98

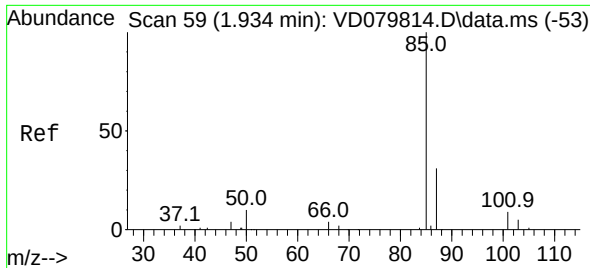
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 Data File : VD079815.D
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 ClientSampleId :

Quant Time: Sep 11 06:17:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM091024SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Sep 11 06:11:49 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.322	62	98068	25.008	ug/L	98
29) Cyclohexane	7.875	56	107672	23.245	ug/L	94
30) 1,1,1-Trichloroethane	7.787	97	126454	24.772	ug/L	99
31) Carbon tetrachloride	7.987	117	112877	24.958	ug/L	100
33) Benzene	8.252	78	362663	26.007	ug/L	100
34) Trichloroethene	9.028	95	82477	25.597	ug/L	96
35) Methylcyclohexane	9.275	83	123629	23.776	ug/L	99
37) 1,2-Dichloropropane	9.299	63	97689	25.688	ug/L #	100
38) Bromodichloromethane	9.581	83	114130	25.756	ug/L	99
39) cis-1,3-Dichloropropene	10.016	75	141832	26.559	ug/L	95
40) 4-Methyl-2-pentanone	10.157	43	105428	52.960	ug/L	98
42) Toluene	10.328	91	391906	26.681	ug/L	97
44) trans-1,3-Dichloropropene	10.552	75	126743	26.931	ug/L	96
45) 1,1,2-Trichloroethane	10.728	97	65297	25.132	ug/L	97
46) Tetrachloroethene	10.810	164	55779	25.499	ug/L	96
48) 2-Hexanone	10.916	43	87996	54.343	ug/L	98
49) Dibromochloromethane	11.069	129	71766	25.306	ug/L	97
50) 1,2-Dibromoethane	11.175	107	56497	25.176	ug/L	95
51) Chlorobenzene	11.604	112	230749	26.177	ug/L	98
52) Ethylbenzene	11.681	91	419301	27.174	ug/L	100
53) m,p-Xylene	11.793	106	160636	27.485	ug/L	93
54) o-Xylene	12.116	106	152850	26.673	ug/L	90
55) Styrene	12.134	104	273853	27.191	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.669	83	79072	25.964	ug/L	96
59) Bromoform	12.298	173	40140	26.299	ug/L	96
60) Isopropylbenzene	12.416	105	407265	26.680	ug/L	99
61) 1,2,3-Trichloropropane	12.722	75	53242	24.498	ug/L	98
62) 1,3,5-Trimethylbenzene	12.904	105	323479	28.976	ug/L	99
63) 1,2,4-Trimethylbenzene	13.210	105	320352	27.363	ug/L	99
64) 1,3-Dichlorobenzene	13.457	146	167150	26.497	ug/L	98
65) 1,4-Dichlorobenzene	13.534	146	171984	25.992	ug/L	95
67) 1,2-Dichlorobenzene	13.828	146	149791	26.271	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.445	75	11526	25.920	ug/L	93
69) 1,3,5-Trichlorobenzene	14.592	180	99532	26.021	ug/L	98
70) 1,2,4-trichlorobenzene	15.098	180	83729	25.999	ug/L	98
71) Naphthalene	15.328	128	186150	25.879	ug/L	99
72) 1,2,3-Trichlorobenzene	15.516	180	75889	26.344	ug/L	98

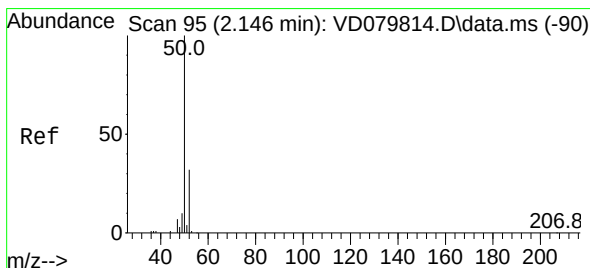
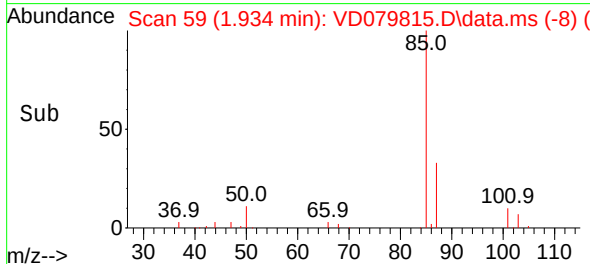
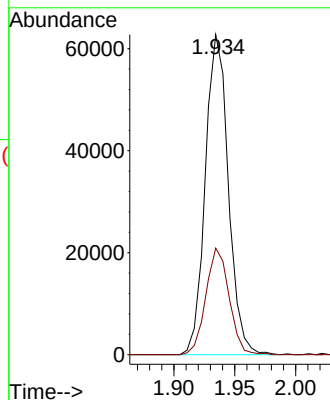
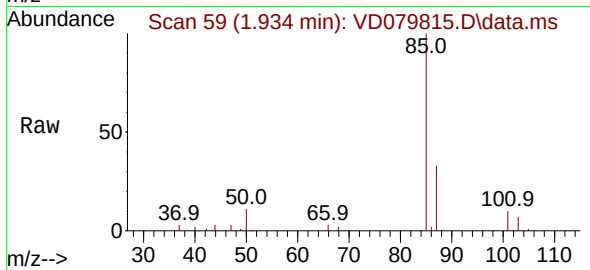
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 22.665 ug/L
 RT: 1.934 min Scan# 59
 Delta R.T. 0.000 min
 Lab File: VD079815.D
 Acq: 10 Sep 2024 15:30

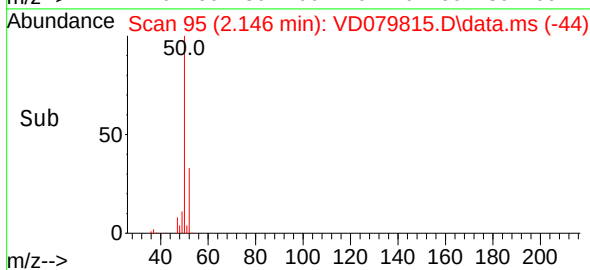
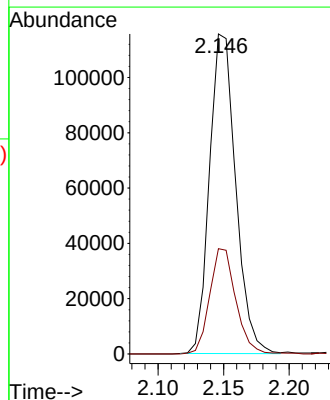
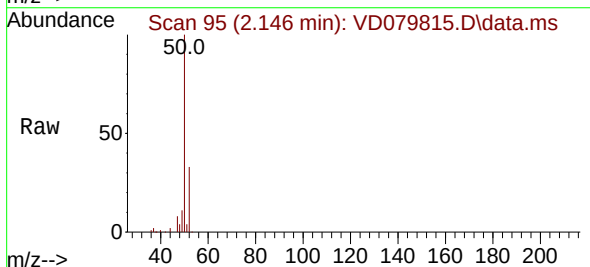
Instrument :
 MSVOA_D
 ClientSampleId :

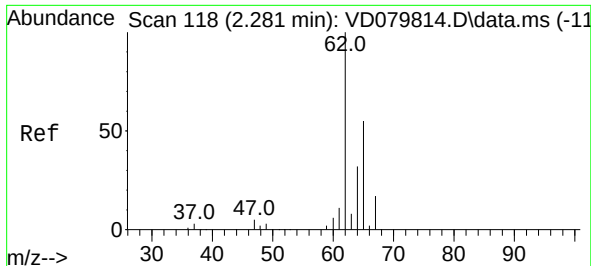
Tgt Ion: 85 Resp: 82838
 Ion Ratio Lower Upper
 85 100
 87 33.6 25.0 37.6



#3
 Chloromethane
 Concen: 25.126 ug/L
 RT: 2.146 min Scan# 95
 Delta R.T. 0.000 min
 Lab File: VD079815.D
 Acq: 10 Sep 2024 15:30

Tgt Ion: 50 Resp: 160978
 Ion Ratio Lower Upper
 50 100
 52 32.9 22.4 41.6

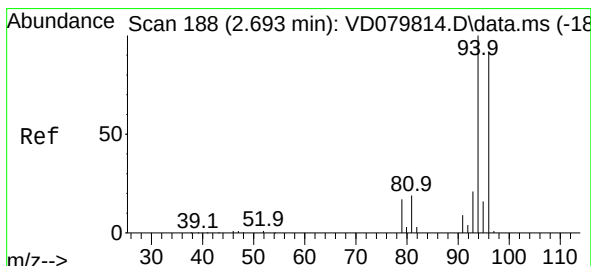
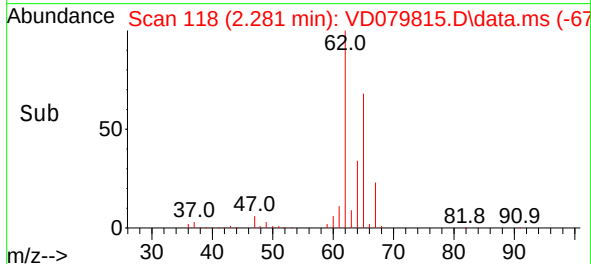
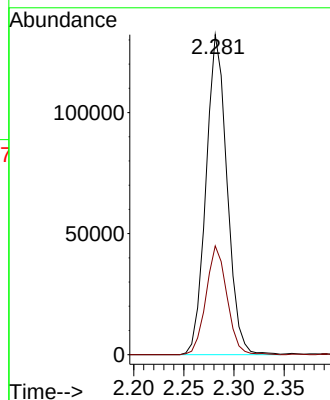
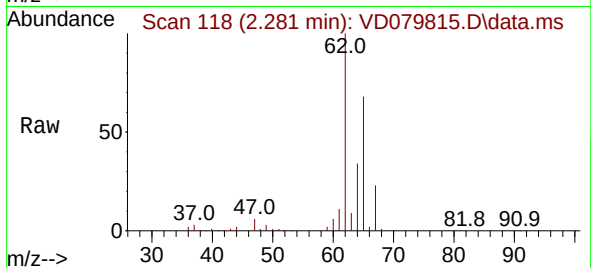




#5
 Vinyl chloride
 Concen: 24.658 ug/L
 RT: 2.281 min Scan# 118
 Delta R.T. 0.000 min
 Lab File: VD079815.D
 Acq: 10 Sep 2024 15:30

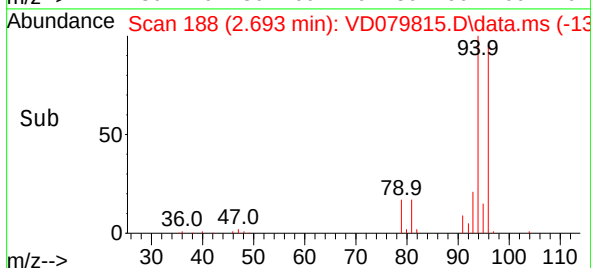
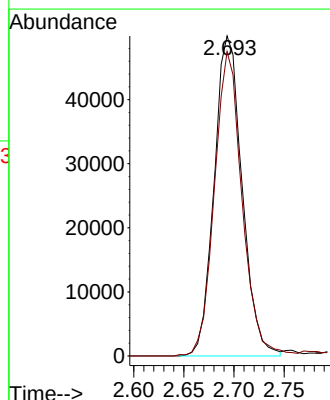
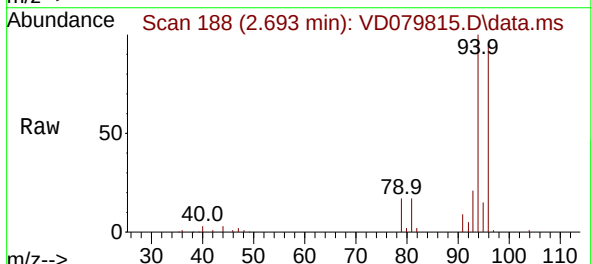
Instrument :
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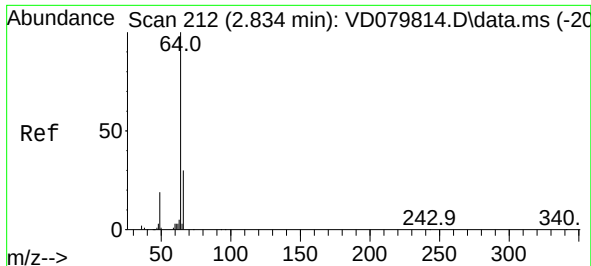
Tgt Ion: 62 Resp: 193589
 Ion Ratio Lower Upper
 62 100
 64 34.0 22.6 42.0



#6
 Bromomethane
 Concen: 24.458 ug/L
 RT: 2.693 min Scan# 188
 Delta R.T. 0.000 min
 Lab File: VD079815.D
 Acq: 10 Sep 2024 15:30

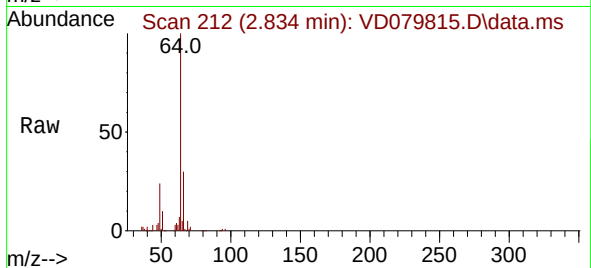
Tgt Ion: 94 Resp: 96684
 Ion Ratio Lower Upper
 94 100
 96 95.1 64.3 119.5



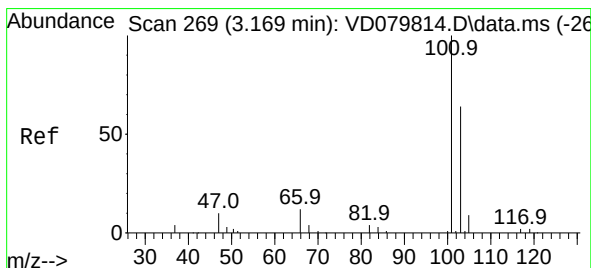
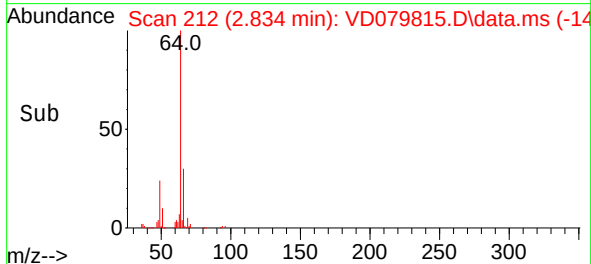
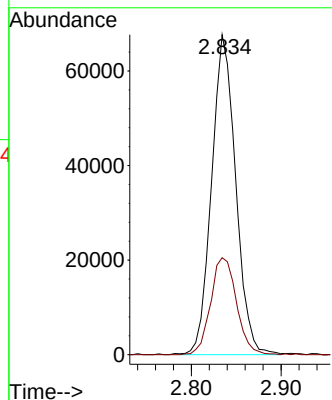


#8
Chloroethane
Concen: 24.309 ug/L
RT: 2.834 min Scan# 212
Delta R.T. 0.000 min
Lab File: VD079815.D
Acq: 10 Sep 2024 15:30

Instrument :
MSVOA_D
ClientSampleId :

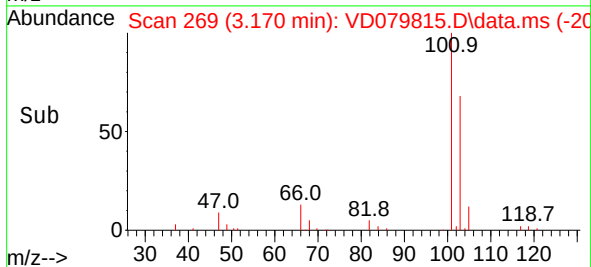
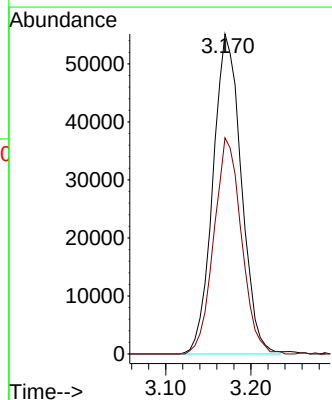
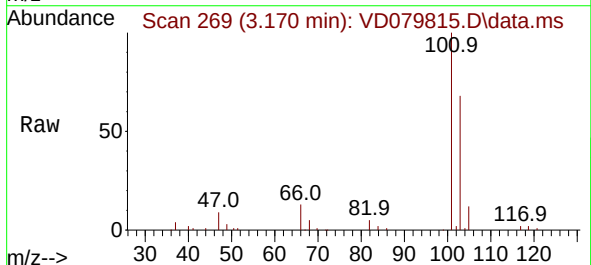


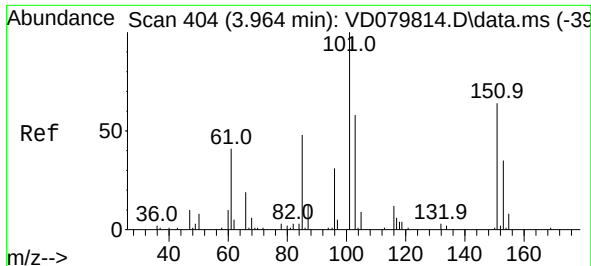
Tgt Ion: 64 Resp: 126085
Ion Ratio Lower Upper
64 100
66 30.3 21.3 39.6



#9
Trichlorofluoromethane
Concen: 22.563 ug/L
RT: 3.170 min Scan# 269
Delta R.T. 0.000 min
Lab File: VD079815.D
Acq: 10 Sep 2024 15:30

Tgt Ion:101 Resp: 127368
Ion Ratio Lower Upper
101 100
103 65.7 50.5 75.7

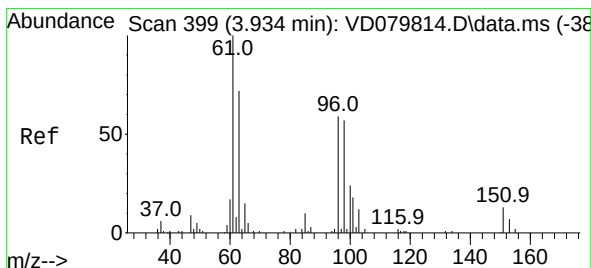
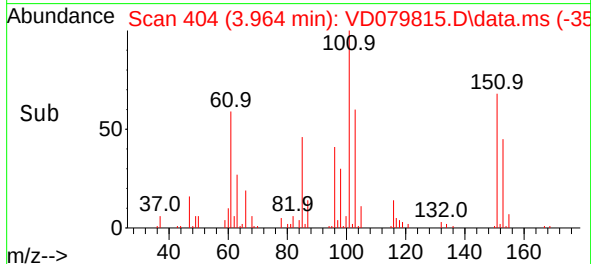
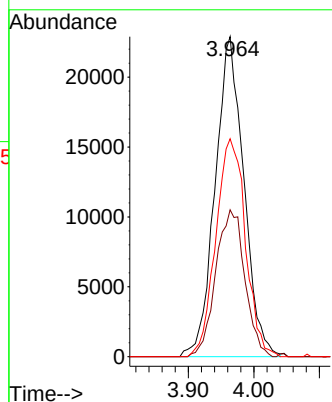
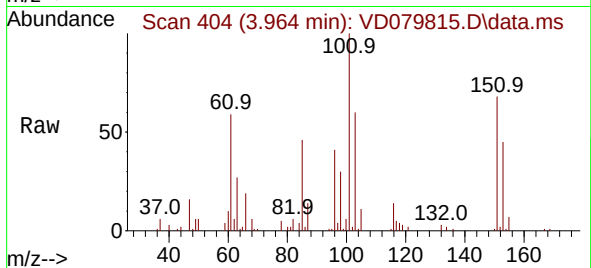




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 22.216 ug/L
 RT: 3.964 min Scan# 404
 Delta R.T. 0.000 min
 Lab File: VD079815.D
 Acq: 10 Sep 2024 15:30

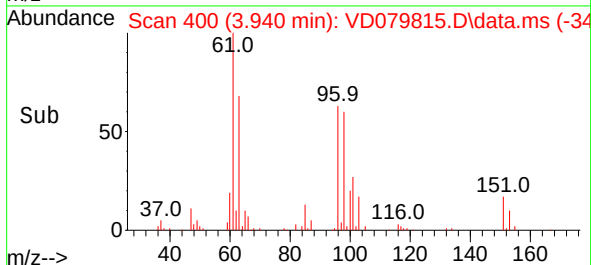
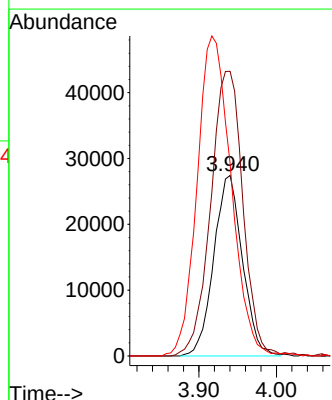
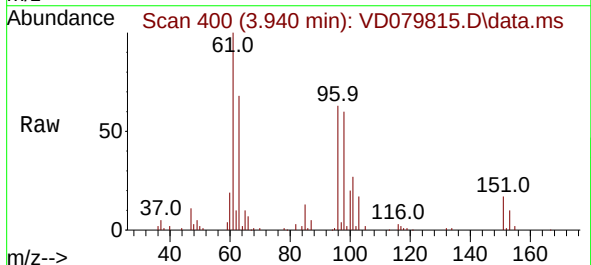
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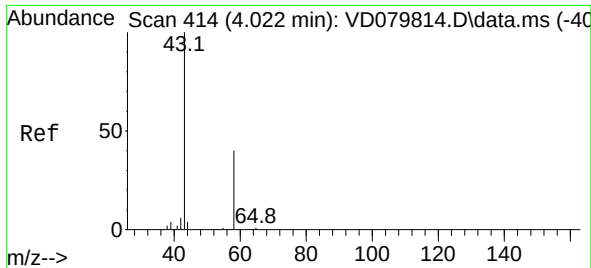
Tgt Ion:101 Resp: 69415
 Ion Ratio Lower Upper
 101 100
 85 46.5 37.8 56.8
 151 70.4 54.2 81.4



#12
 1,1-Dichloroethene
 Concen: 24.244 ug/L
 RT: 3.940 min Scan# 400
 Delta R.T. 0.006 min
 Lab File: VD079815.D
 Acq: 10 Sep 2024 15:30

Tgt Ion: 96 Resp: 70555
 Ion Ratio Lower Upper
 96 100
 61 157.7 119.8 222.4
 63 106.6 93.9 174.3





#13

Acetone

Concen: 54.483 ug/L

RT: 4.022 min Scan# 414

Delta R.T. 0.000 min

Lab File: VD079815.D

Acq: 10 Sep 2024 15:30

Instrument :

MSVOA_D

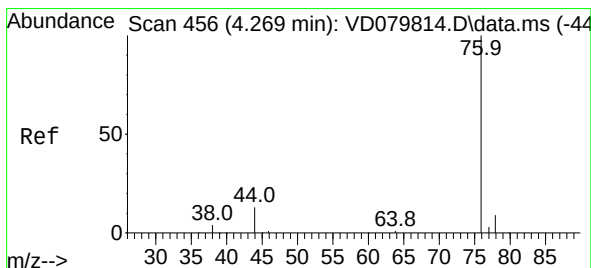
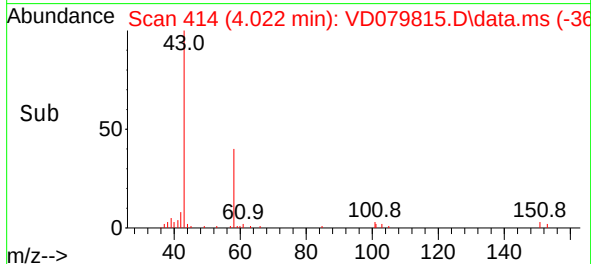
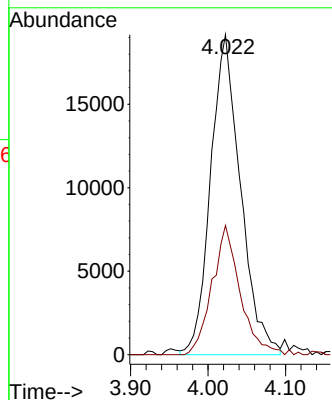
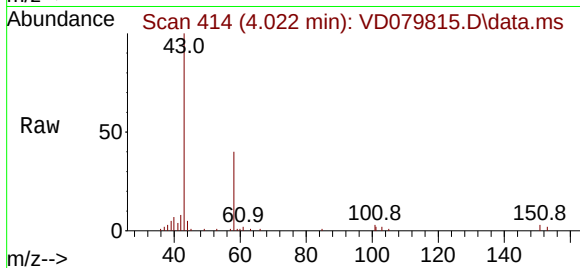
ClientSampleId :

Tgt Ion: 43 Resp: 51437

Ion Ratio Lower Upper

43 100

58 37.7 0.0 75.8



#14

Carbon disulfide

Concen: 24.257 ug/L

RT: 4.269 min Scan# 456

Delta R.T. 0.000 min

Lab File: VD079815.D

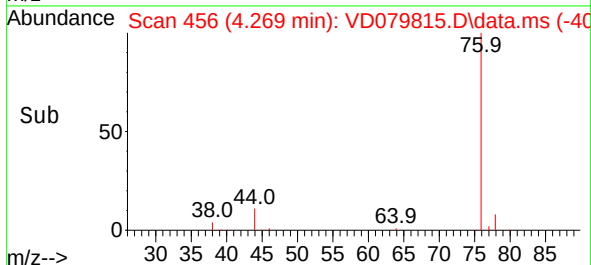
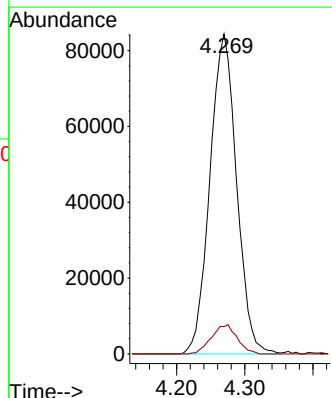
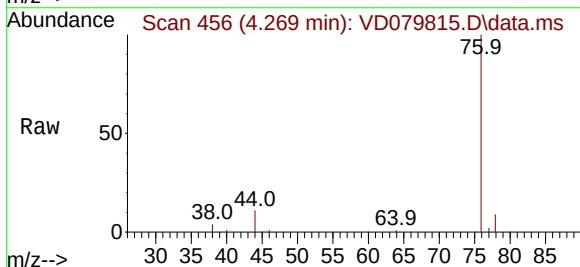
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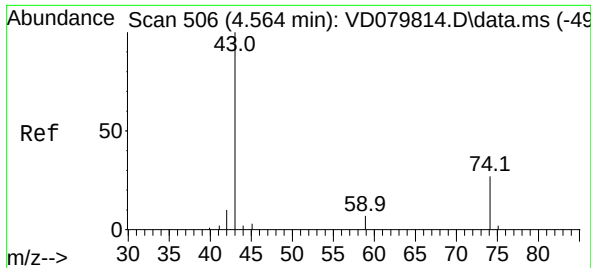
Tgt Ion: 76 Resp: 229626

Ion Ratio Lower Upper

76 100

78 8.5 7.3 10.9

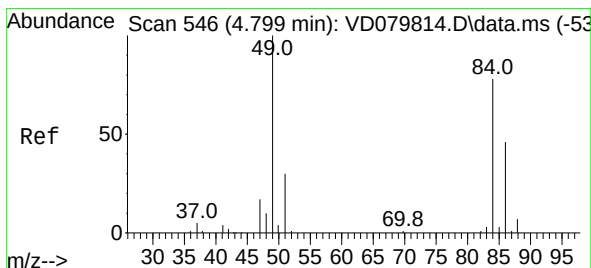
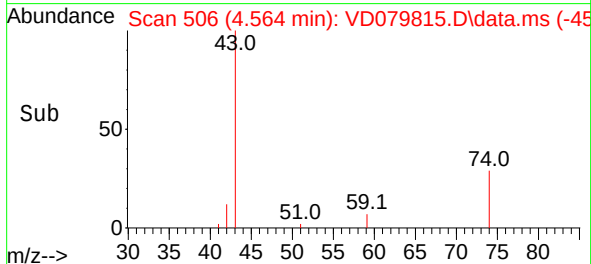
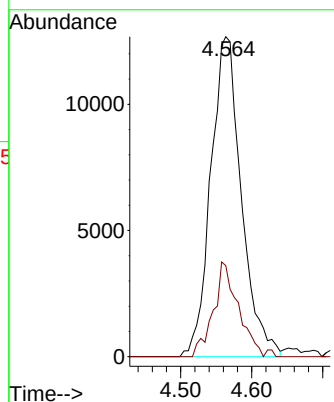
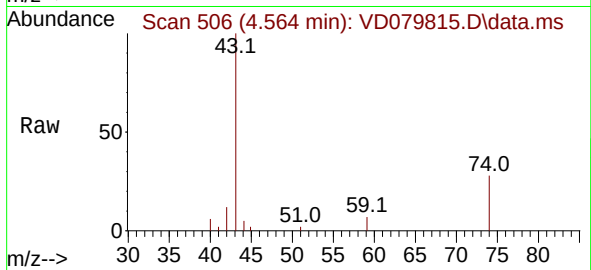




#15
Methyl Acetate
Concen: 25.212 ug/L
RT: 4.564 min Scan# 506
Delta R.T. 0.000 min
Lab File: VD079815.D
Acq: 10 Sep 2024 15:30

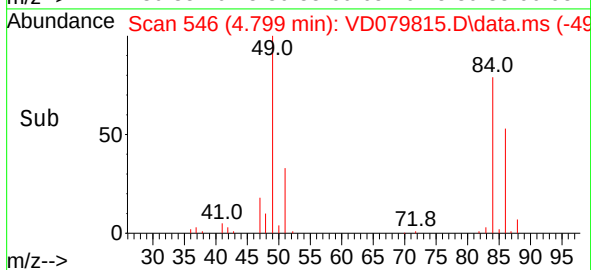
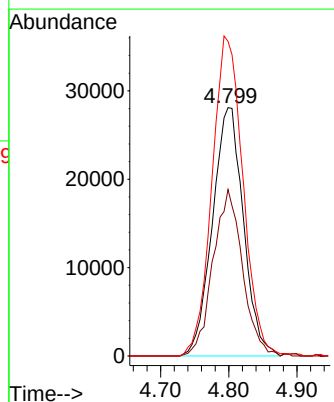
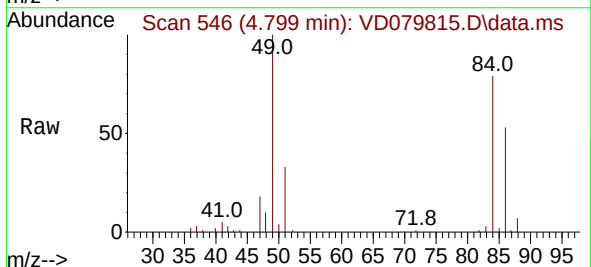
Instrument :
MSVOA_D
ClientSampleId :

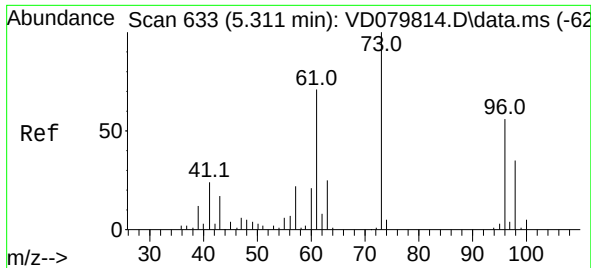
Tgt Ion: 43 Resp: 37915
Ion Ratio Lower Upper
43 100
74 22.3 11.9 17.9#



#16
Methylene chloride
Concen: 23.441 ug/L
RT: 4.799 min Scan# 546
Delta R.T. 0.000 min
Lab File: VD079815.D
Acq: 10 Sep 2024 15:30

Tgt Ion: 84 Resp: 88779
Ion Ratio Lower Upper
84 100
86 67.0 41.0 76.2
49 126.7 90.0 167.2





#17

trans-1,2-Dichloroethene

Concen: 25.311 ug/L

RT: 5.311 min Scan# 633

Delta R.T. 0.000 min

Lab File: VD079815.D

Acq: 10 Sep 2024 15:30

Instrument :

MSVOA_D

ClientSampleId :

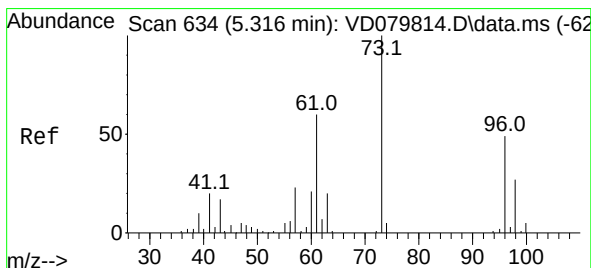
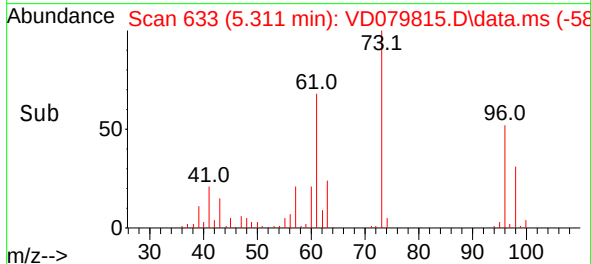
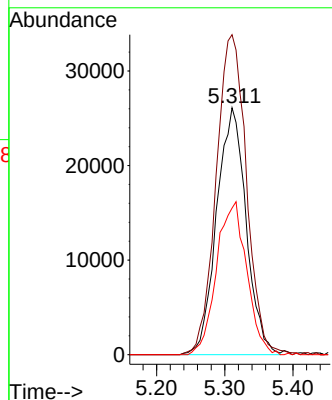
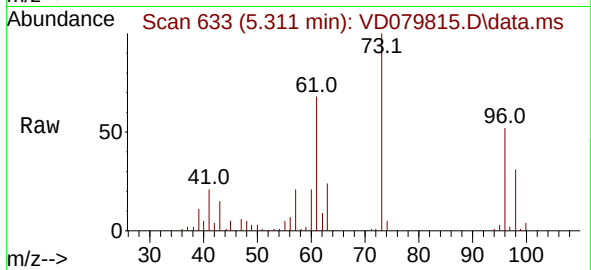
Tgt Ion: 96 Resp: 78540

Ion Ratio Lower Upper

96 100

61 129.6 88.7 164.7

98 59.4 43.8 81.3



#18

Methyl tert-butyl Ether

Concen: 26.625 ug/L

RT: 5.322 min Scan# 635

Delta R.T. 0.006 min

Lab File: VD079815.D

Acq: 10 Sep 2024 15:30

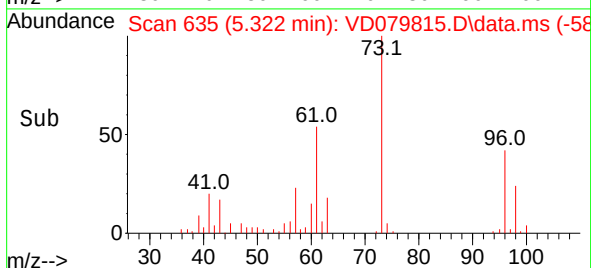
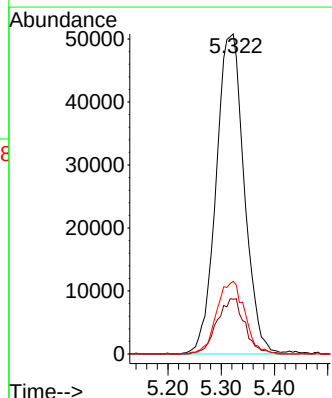
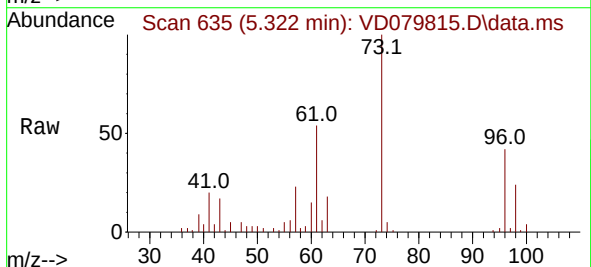
Tgt Ion: 73 Resp: 185862

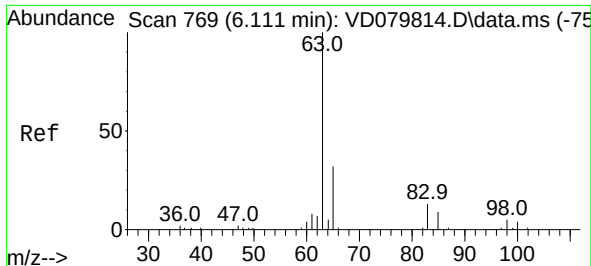
Ion Ratio Lower Upper

73 100

43 17.1 14.5 21.7

57 22.5 18.8 28.2

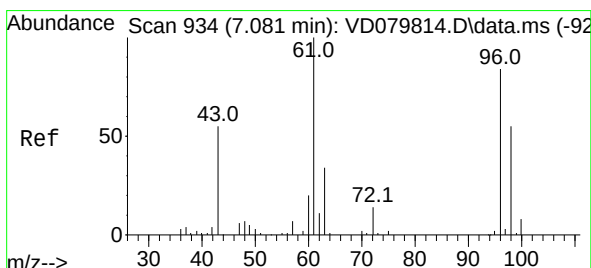
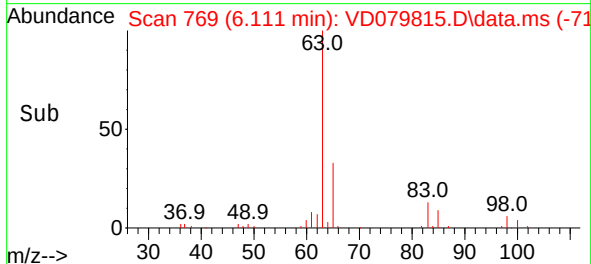
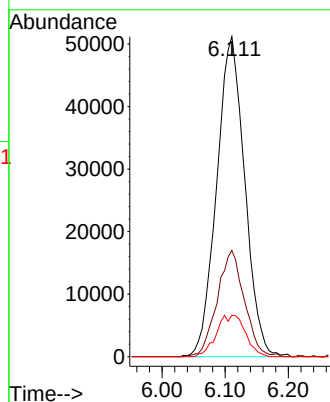
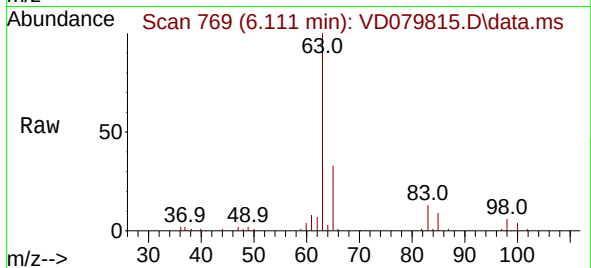




#19
1,1-Dichloroethane
Concen: 25.626 ug/L
RT: 6.111 min Scan# 769
Delta R.T. 0.000 min
Lab File: VD079815.D
Acq: 10 Sep 2024 15:30

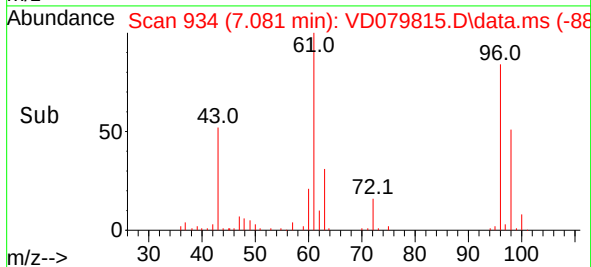
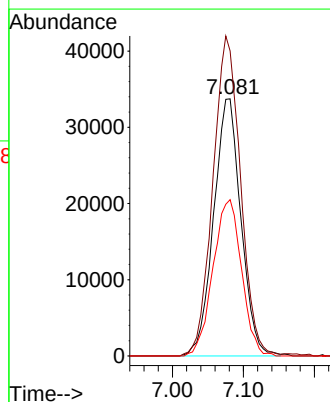
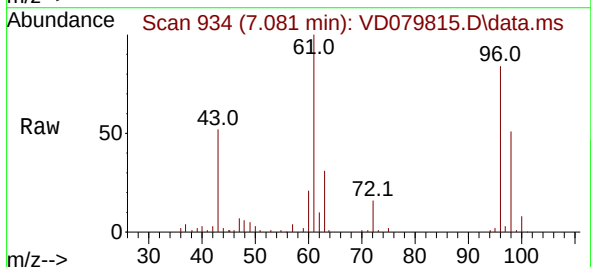
Instrument :
MSVOA_D
ClientSampleId :

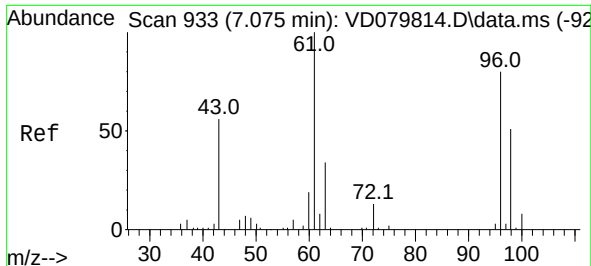
Tgt Ion: 63 Resp: 157950
Ion Ratio Lower Upper
63 100
65 33.2 22.6 42.0
83 13.0 9.0 16.8



#20
cis-1,2-Dichloroethene
Concen: 26.338 ug/L
RT: 7.081 min Scan# 934
Delta R.T. 0.000 min
Lab File: VD079815.D
Acq: 10 Sep 2024 15:30

Tgt Ion: 96 Resp: 89989
Ion Ratio Lower Upper
96 100
61 118.6 83.8 155.6
98 60.8 45.9 85.3

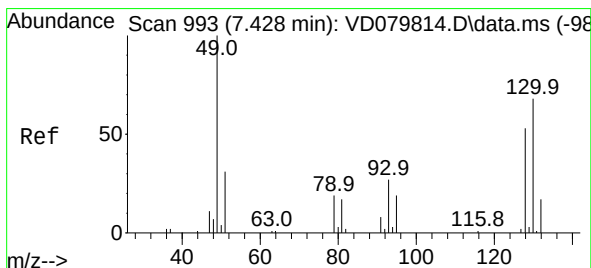
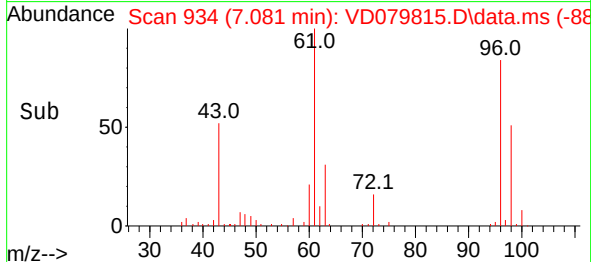
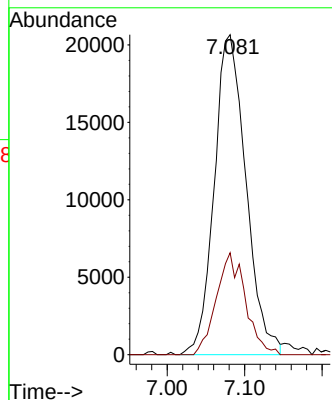
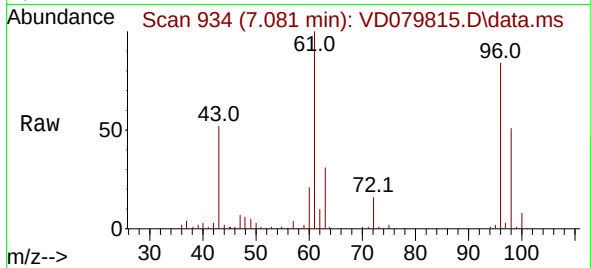




#22
2-Butanone
Concen: 53.098 ug/L
RT: 7.081 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD079815.D
Acq: 10 Sep 2024 15:30

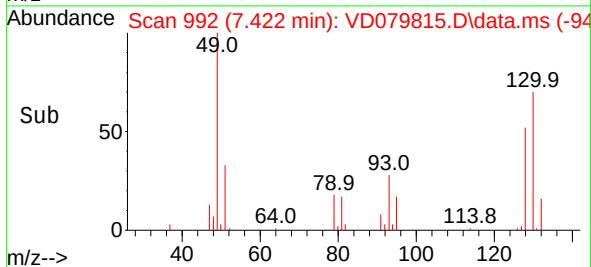
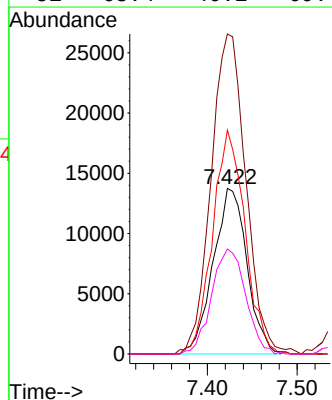
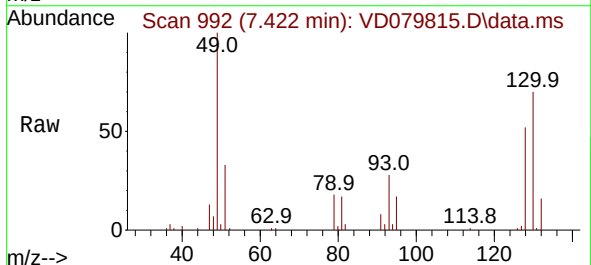
Instrument :
MSVOA_D
ClientSampleId :

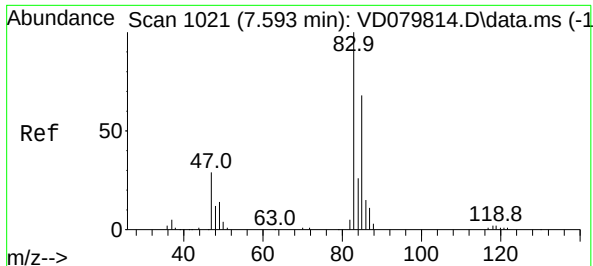
Tgt Ion: 43 Resp: 58805
Ion Ratio Lower Upper
43 100
72 29.0 13.1 39.3



#23
Bromochloromethane
Concen: 24.722 ug/L
RT: 7.422 min Scan# 992
Delta R.T. -0.006 min
Lab File: VD079815.D
Acq: 10 Sep 2024 15:30

Tgt Ion:128 Resp: 35849
Ion Ratio Lower Upper
128 100
49 193.3 132.3 245.7
130 135.2 89.4 166.0
51 63.4 46.2 69.4

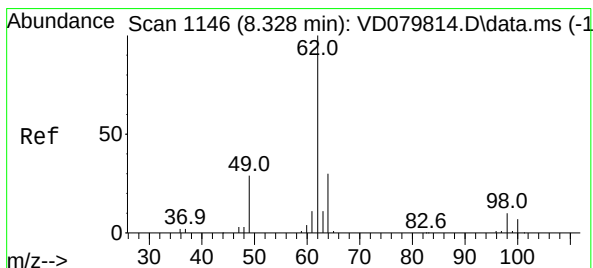
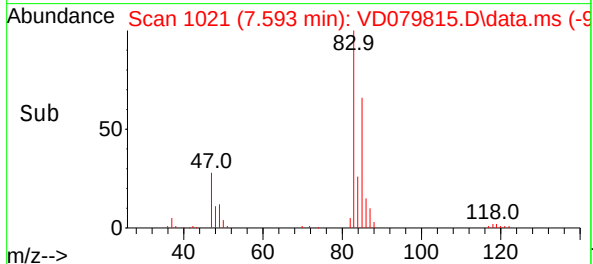
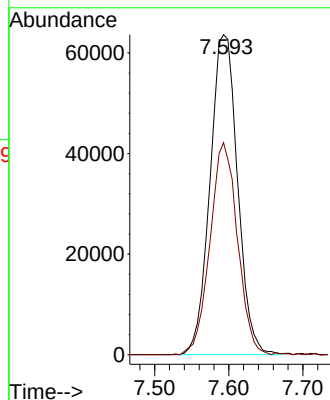
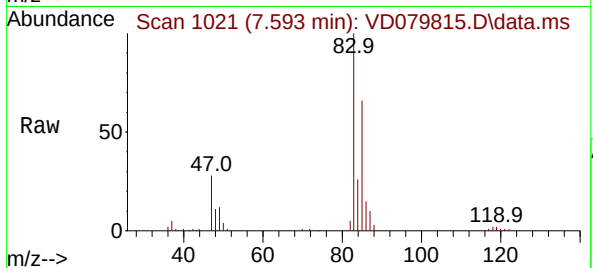




#25
Chloroform
Concen: 25.622 ug/L
RT: 7.593 min Scan# 1021
Delta R.T. 0.000 min
Lab File: VD079815.D
Acq: 10 Sep 2024 15:30

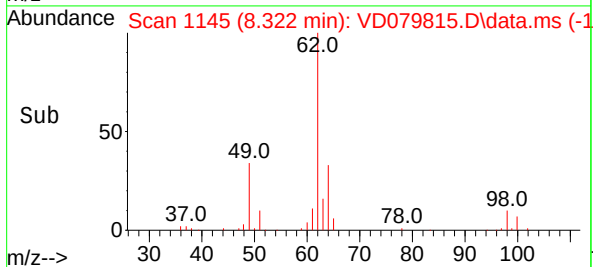
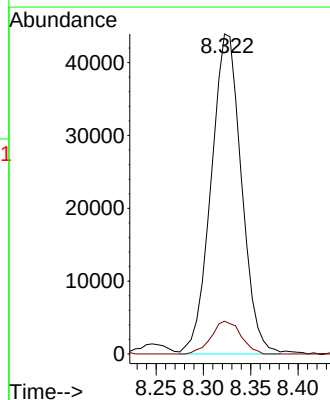
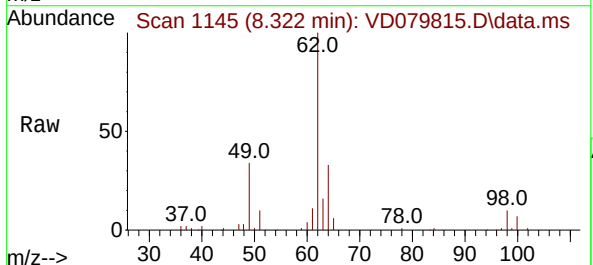
Instrument :
MSVOA_D
ClientSampleId :

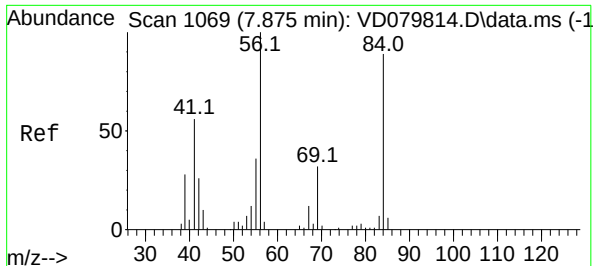
Tgt Ion: 83 Resp: 164389
Ion Ratio Lower Upper
83 100
85 66.3 47.3 87.9



#27
1,2-Dichloroethane
Concen: 25.008 ug/L
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD079815.D
Acq: 10 Sep 2024 15:30

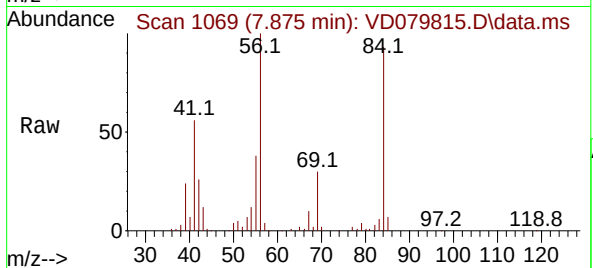
Tgt Ion: 62 Resp: 98068
Ion Ratio Lower Upper
62 100
98 10.2 7.5 11.3



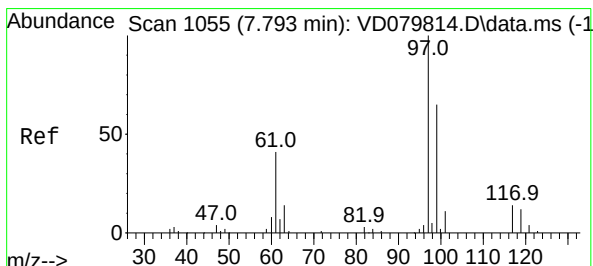
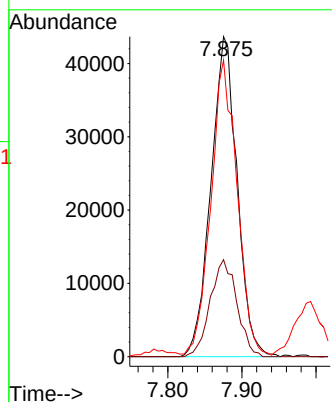
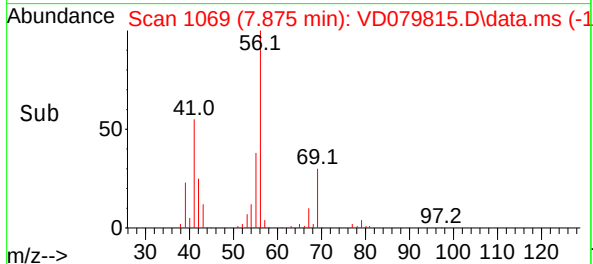


#29
Cyclohexane
Concen: 23.245 ug/L
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD079815.D
Acq: 10 Sep 2024 15:30

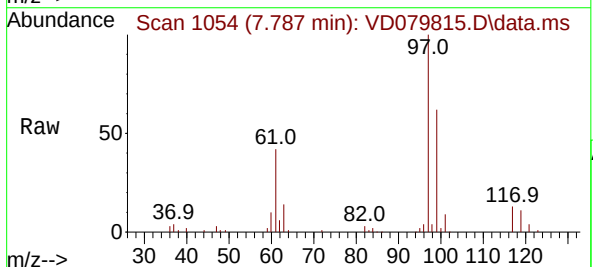
Instrument :
MSVOA_D
ClientSampleId :



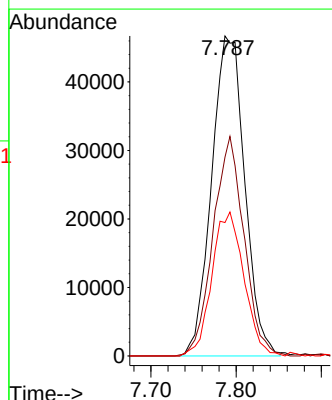
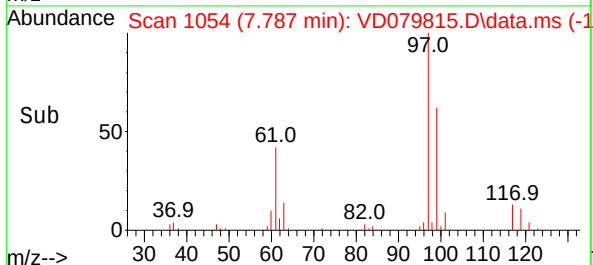
Tgt Ion: 56 Resp: 107672
Ion Ratio Lower Upper
56 100
69 30.7 22.8 34.2
84 92.3 69.1 103.7

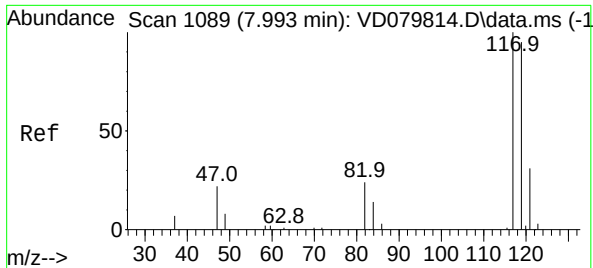


#30
1,1,1-Trichloroethane
Concen: 24.772 ug/L
RT: 7.787 min Scan# 1054
Delta R.T. -0.006 min
Lab File: VD079815.D
Acq: 10 Sep 2024 15:30



Tgt Ion: 97 Resp: 126454
Ion Ratio Lower Upper
97 100
99 64.0 51.9 77.9
61 43.5 35.4 53.2

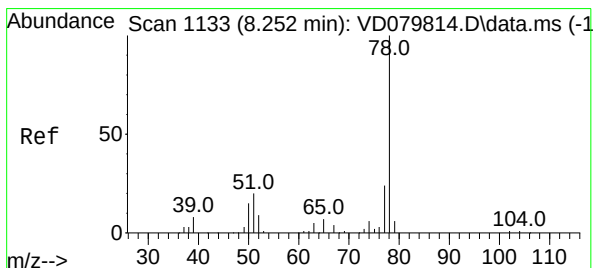
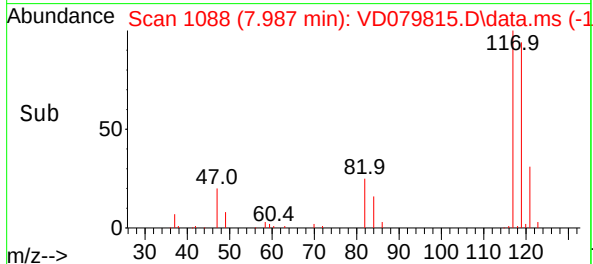
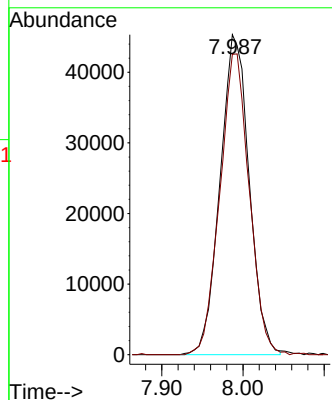
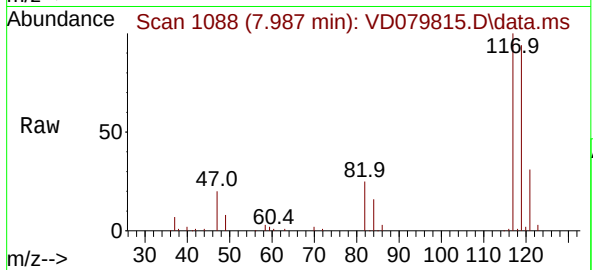




#31
Carbon tetrachloride
Concen: 24.958 ug/L
RT: 7.987 min Scan# 1108
Delta R.T. -0.006 min
Lab File: VD079815.D
Acq: 10 Sep 2024 15:30

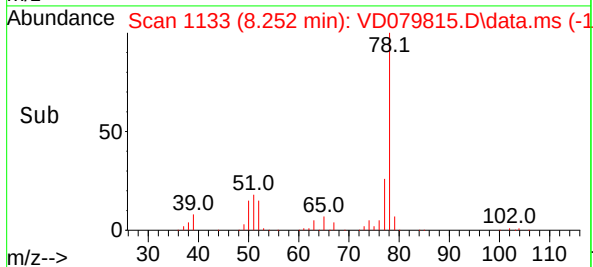
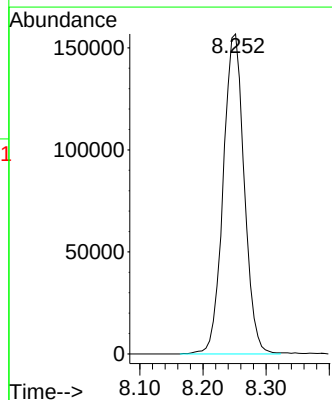
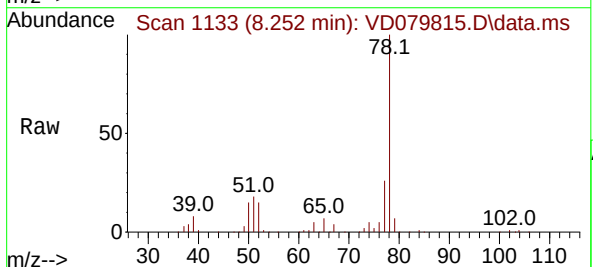
Instrument :
MSVOA_D
ClientSampleId :

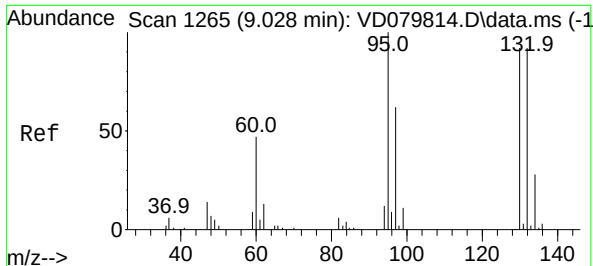
Tgt Ion:117 Resp: 112877
Ion Ratio Lower Upper
117 100
119 94.9 76.0 114.0



#33
Benzene
Concen: 26.007 ug/L
RT: 8.252 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VD079815.D
Acq: 10 Sep 2024 15:30

Tgt Ion: 78 Resp: 362663





#34

Trichloroethene

Concen: 25.597 ug/L

RT: 9.028 min Scan# 1265

Delta R.T. 0.000 min

Lab File: VD079815.D

Acq: 10 Sep 2024 15:30

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 95 Resp: 82477

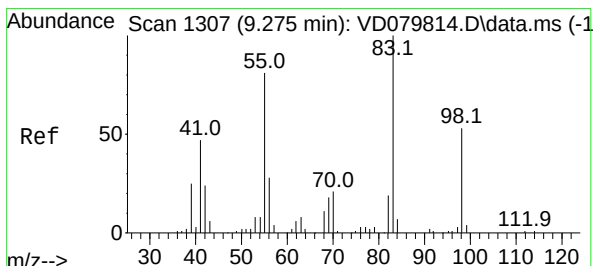
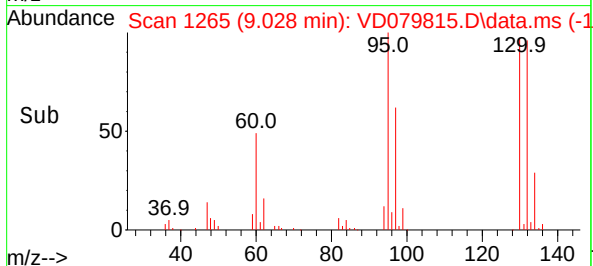
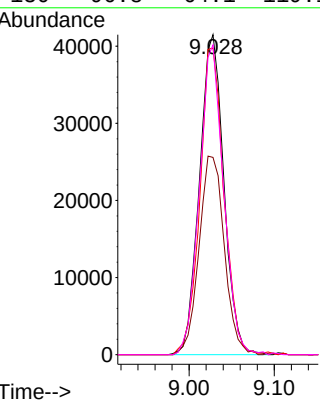
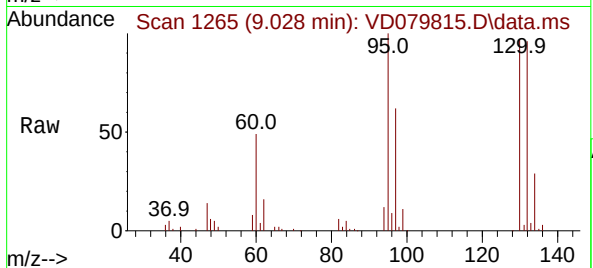
Ion Ratio Lower Upper

95 100

97 61.6 43.5 80.7

132 95.8 64.5 119.7

130 96.8 64.1 119.1



#35

Methylcyclohexane

Concen: 23.776 ug/L

RT: 9.275 min Scan# 1307

Delta R.T. 0.000 min

Lab File: VD079815.D

Acq: 10 Sep 2024 15:30

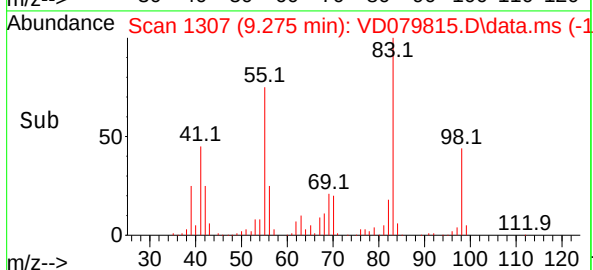
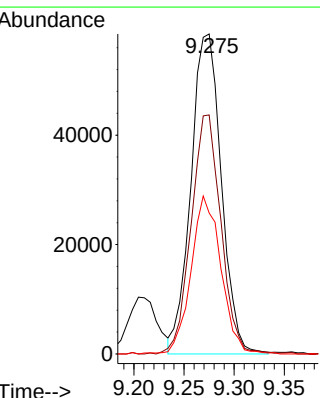
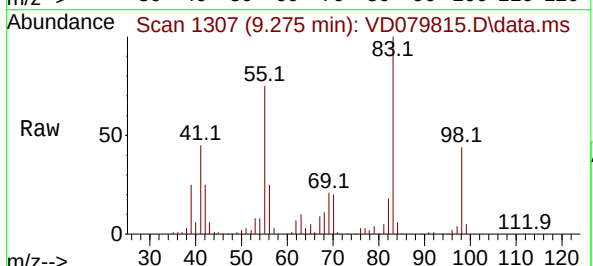
Tgt Ion: 83 Resp: 123629

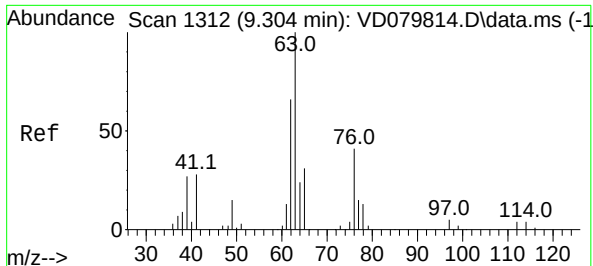
Ion Ratio Lower Upper

83 100

55 73.1 58.9 88.3

98 48.0 38.6 58.0

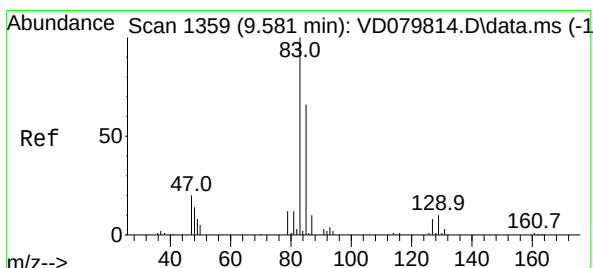
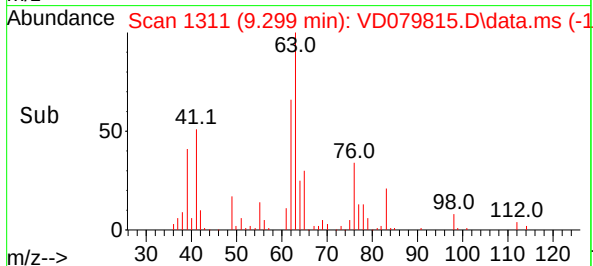
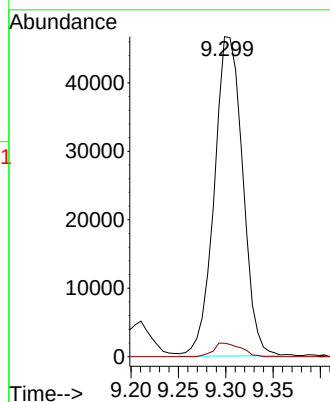
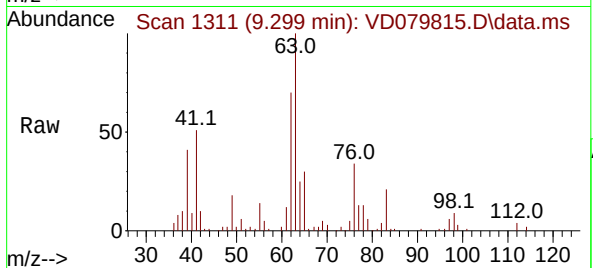




#37
1,2-Dichloropropane
Concen: 25.688 ug/L
RT: 9.299 min Scan# 1311
Delta R.T. -0.006 min
Lab File: VD079815.D
Acq: 10 Sep 2024 15:30

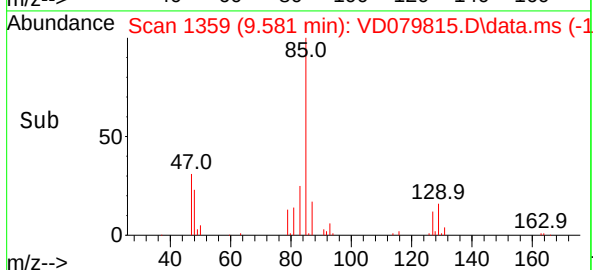
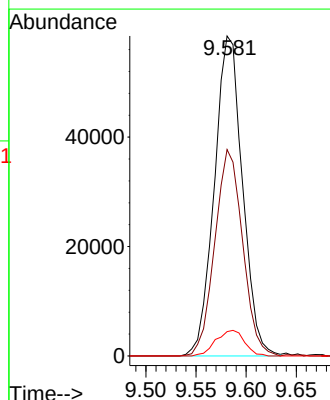
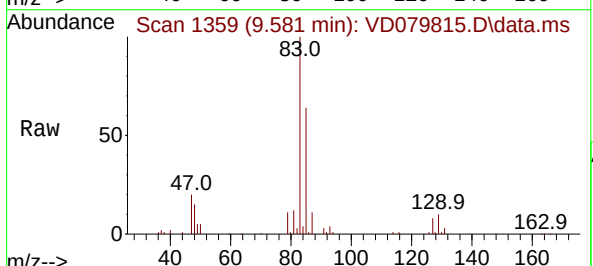
Instrument :
MSVOA_D
ClientSampleId :

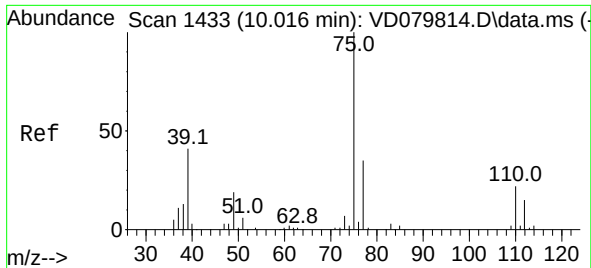
Tgt Ion: 63 Resp: 97689
Ion Ratio Lower Upper
63 100
112 4.1 0.0 0.0#



#38
Bromodichloromethane
Concen: 25.756 ug/L
RT: 9.581 min Scan# 1359
Delta R.T. 0.000 min
Lab File: VD079815.D
Acq: 10 Sep 2024 15:30

Tgt Ion: 83 Resp: 114130
Ion Ratio Lower Upper
83 100
85 64.5 45.9 85.3
127 7.6 6.7 10.1





#39

cis-1,3-Dichloropropene

Concen: 26.559 ug/L

RT: 10.016 min Scan# 1433

Delta R.T. 0.000 min

Lab File: VD079815.D

Acq: 10 Sep 2024 15:30

Instrument :

MSVOA_D

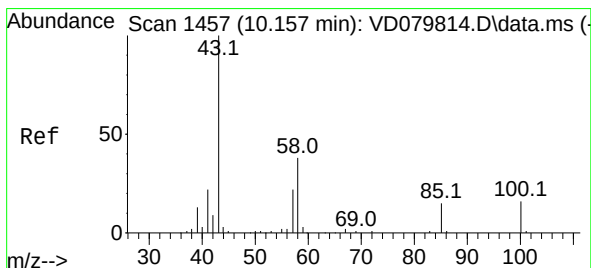
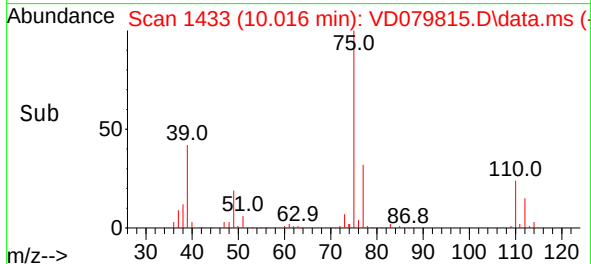
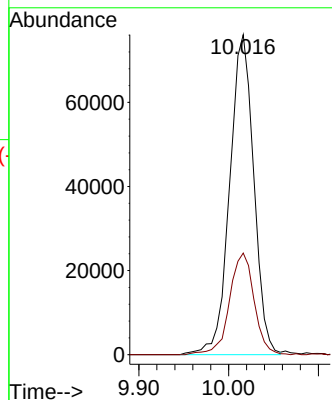
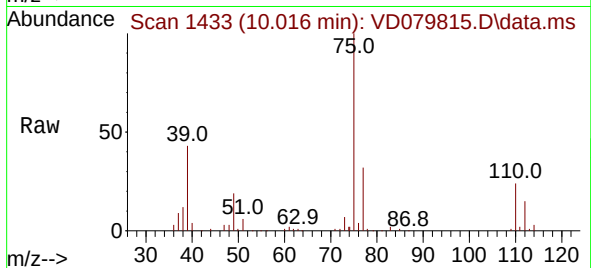
ClientSampleId :

Tgt Ion: 75 Resp: 141832

Ion Ratio Lower Upper

75 100

77 31.8 24.1 44.8



#40

4-Methyl-2-pentanone

Concen: 52.960 ug/L

RT: 10.157 min Scan# 1457

Delta R.T. 0.000 min

Lab File: VD079815.D

Acq: 10 Sep 2024 15:30

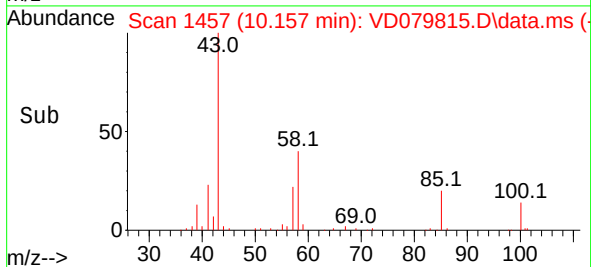
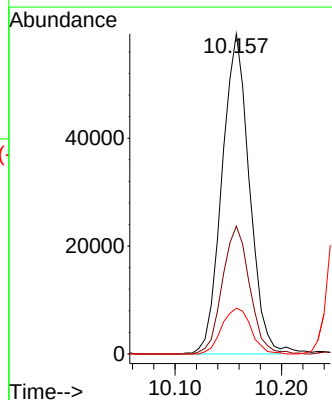
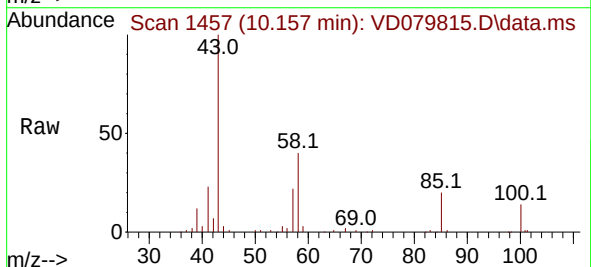
Tgt Ion: 43 Resp: 105428

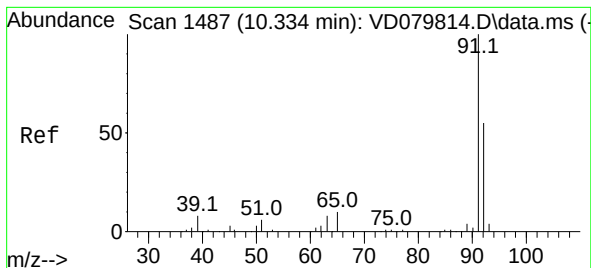
Ion Ratio Lower Upper

43 100

58 39.9 31.1 46.7

100 15.3 11.8 17.6





#42

Toluene

Concen: 26.681 ug/L

RT: 10.328 min Scan# 1486

Delta R.T. -0.006 min

Lab File: VD079815.D

Acq: 10 Sep 2024 15:30

Instrument :

MSVOA_D

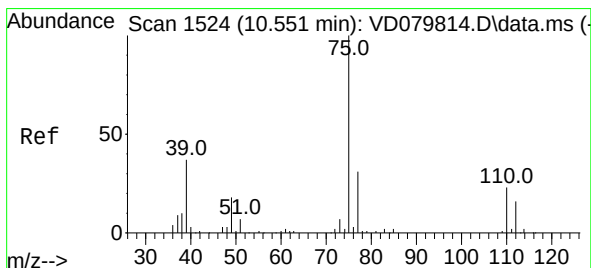
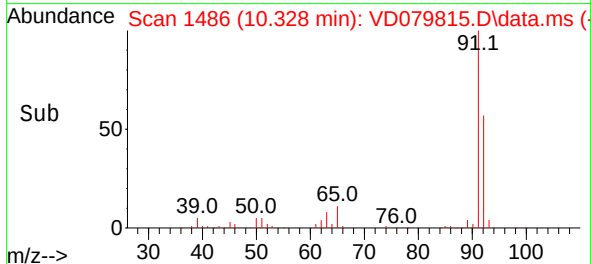
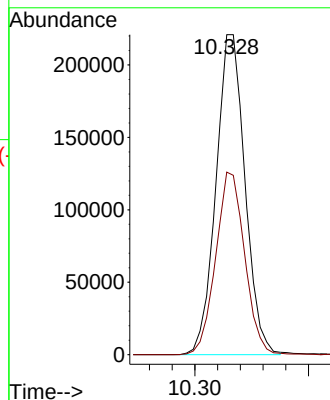
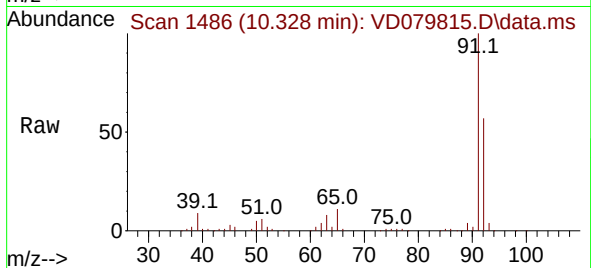
ClientSampleId :

Tgt Ion: 91 Resp: 391906

Ion Ratio Lower Upper

91 100

92 57.1 38.6 71.8



#44

trans-1,3-Dichloropropene

Concen: 26.931 ug/L

RT: 10.552 min Scan# 1524

Delta R.T. 0.000 min

Lab File: VD079815.D

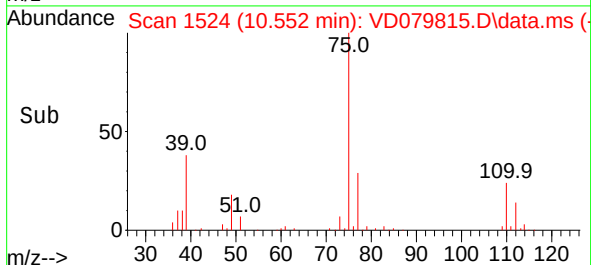
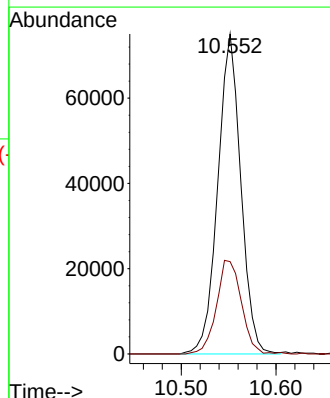
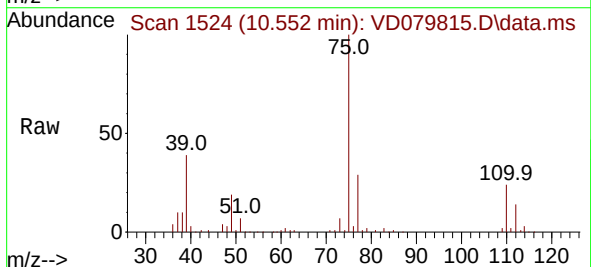
Acq: 10 Sep 2024 15:30

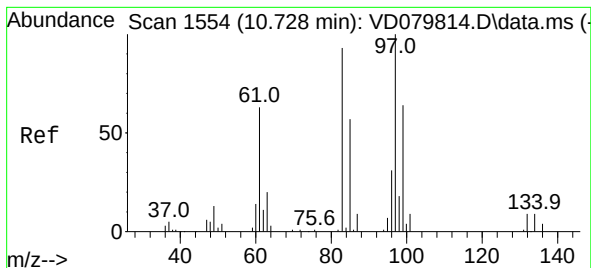
Tgt Ion: 75 Resp: 126743

Ion Ratio Lower Upper

75 100

77 28.9 21.8 40.4





#45

1,1,2-Trichloroethane

Concen: 25.132 ug/L

RT: 10.728 min Scan# 1554

Delta R.T. 0.000 min

Lab File: VD079815.D

Acq: 10 Sep 2024 15:30

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 97 Resp: 65297

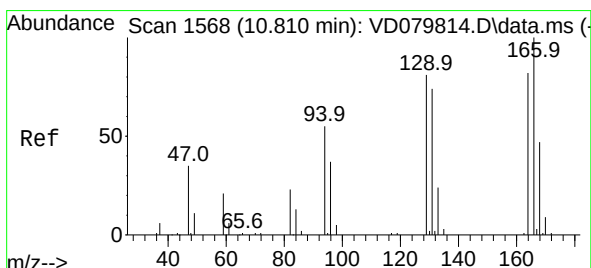
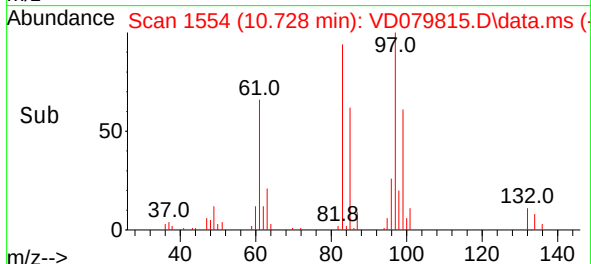
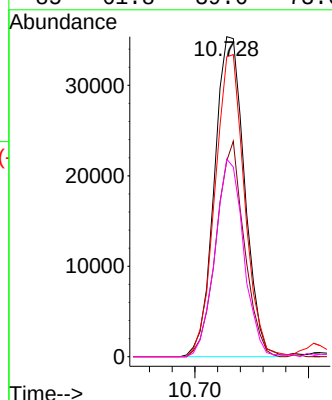
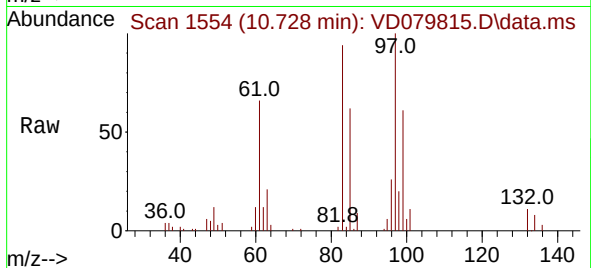
Ion Ratio Lower Upper

97 100

99 61.2 45.1 83.7

83 93.7 65.2 121.0

85 61.8 39.6 73.6



#46

Tetrachloroethene

Concen: 25.499 ug/L

RT: 10.810 min Scan# 1568

Delta R.T. 0.000 min

Lab File: VD079815.D

Acq: 10 Sep 2024 15:30

Tgt Ion:164 Resp: 55779

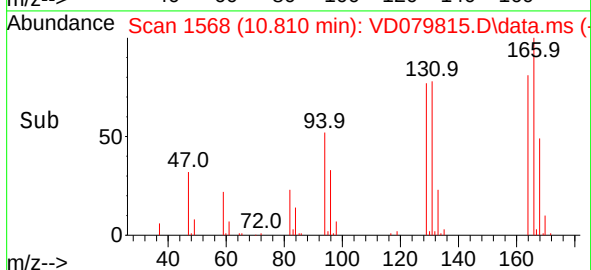
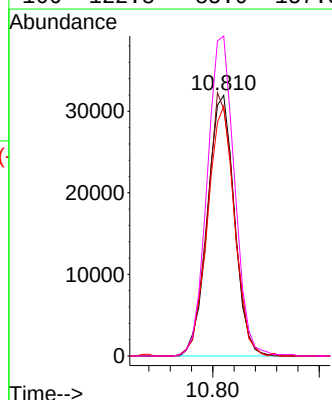
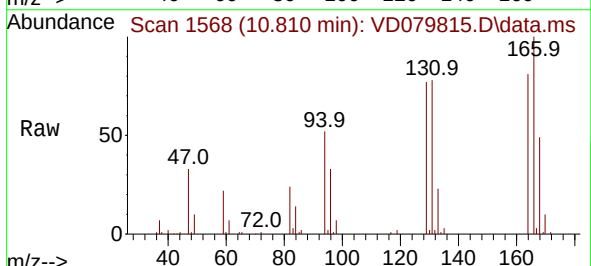
Ion Ratio Lower Upper

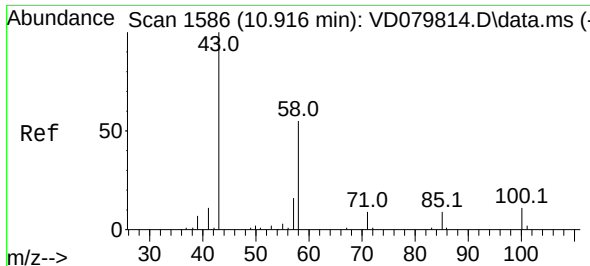
164 100

129 94.8 68.7 127.5

131 95.9 62.5 116.1

166 122.8 85.0 157.8

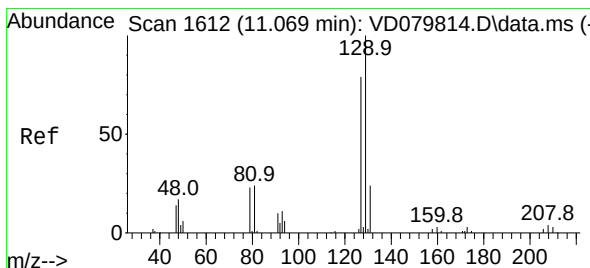
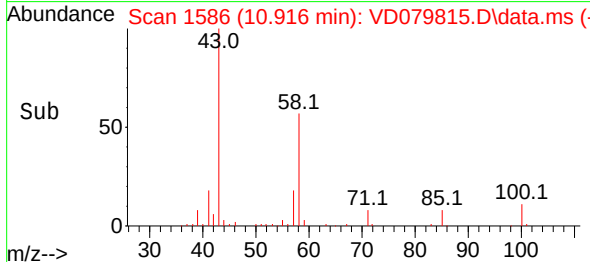
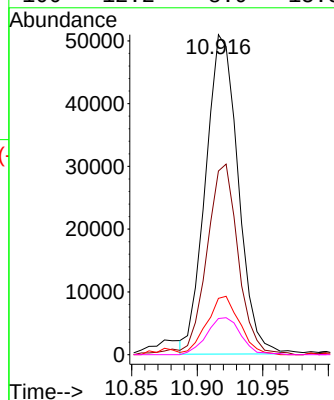
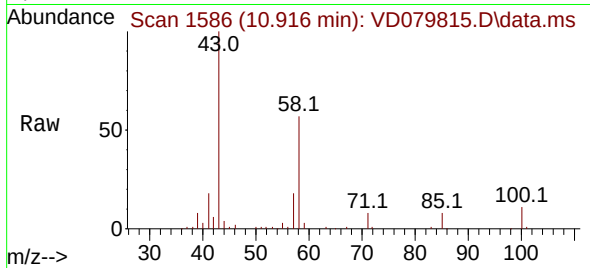




#48
2-Hexanone
Concen: 54.343 ug/L
RT: 10.916 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VD079815.D
Acq: 10 Sep 2024 15:30

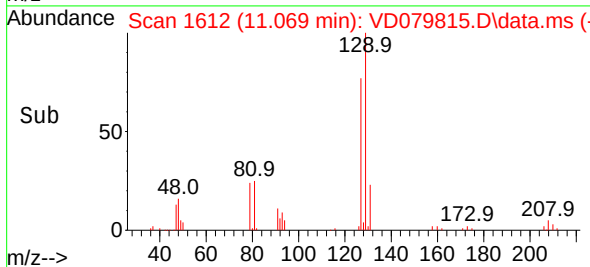
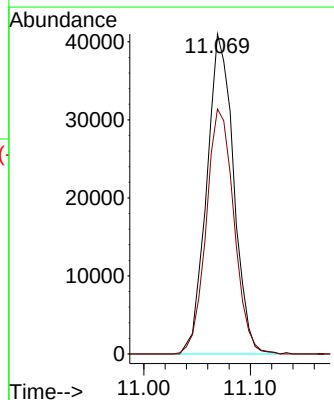
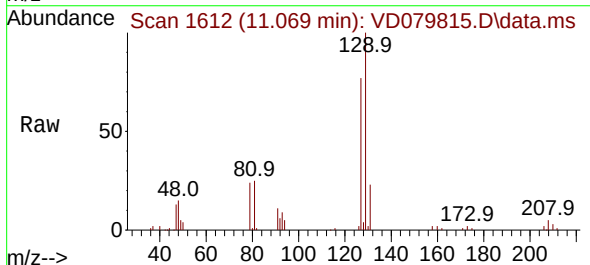
Instrument :
MSVOA_D
ClientSampleId :

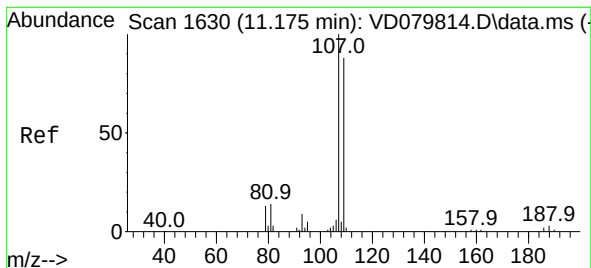
Tgt Ion: 43 Resp: 87996
Ion Ratio Lower Upper
43 100
58 56.8 44.7 67.1
57 18.4 13.6 20.4
100 12.2 8.9 13.3



#49
Dibromochloromethane
Concen: 25.306 ug/L
RT: 11.069 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VD079815.D
Acq: 10 Sep 2024 15:30

Tgt Ion: 129 Resp: 71766
Ion Ratio Lower Upper
129 100
127 76.6 55.2 102.6





#50

1,2-Dibromoethane

Concen: 25.176 ug/L

RT: 11.175 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD079815.D

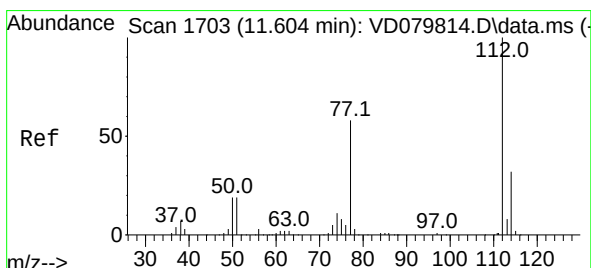
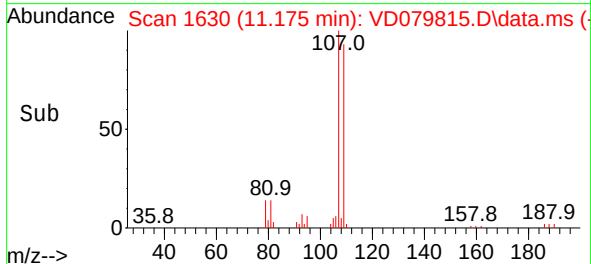
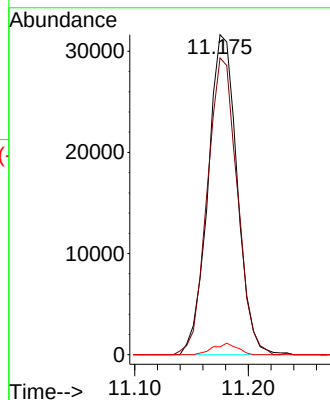
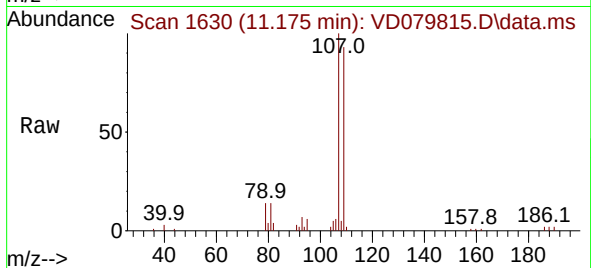
Acq: 10 Sep 2024 15:30

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	107	Resp:	56497
Ion Ratio	Lower	Upper	
107	100		
109	92.8	61.5	114.1
188	2.5	2.3	3.5



#51

Chlorobenzene

Concen: 26.177 ug/L

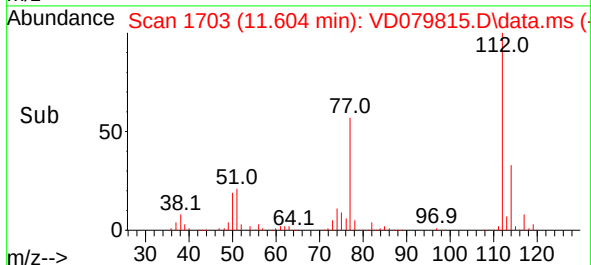
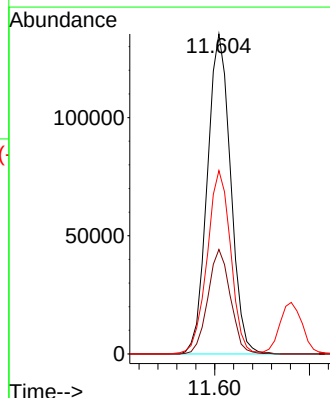
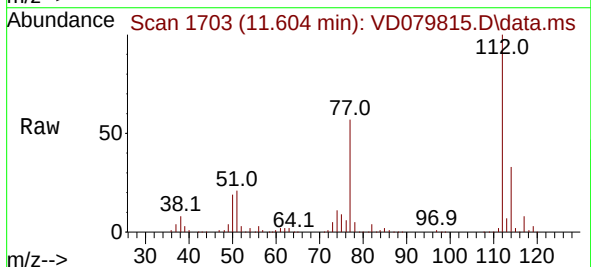
RT: 11.604 min Scan# 1703

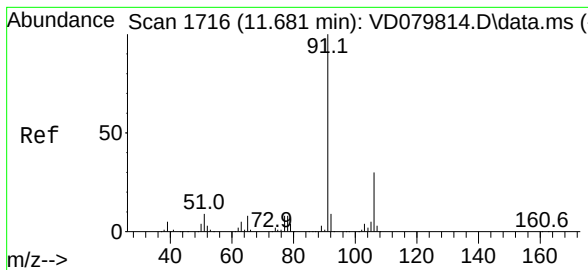
Delta R.T. 0.000 min

Lab File: VD079815.D

Acq: 10 Sep 2024 15:30

Tgt Ion:	112	Resp:	230749
Ion Ratio	Lower	Upper	
112	100		
114	32.7	22.0	41.0
77	57.3	46.7	70.1

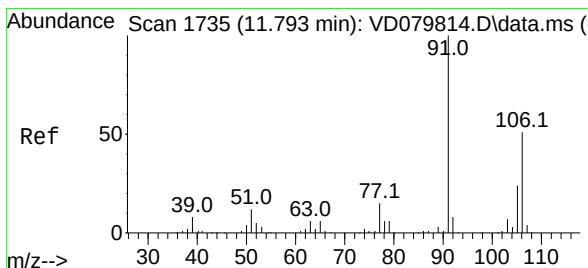
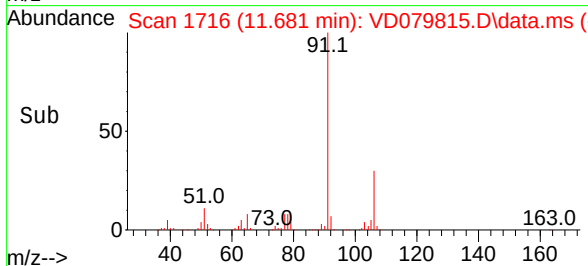
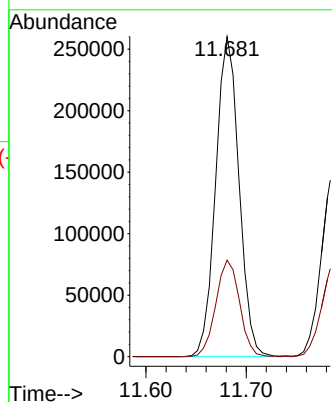
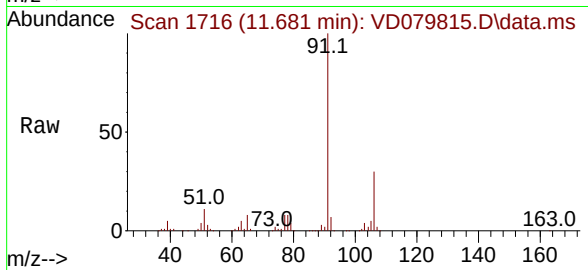




#52
Ethylbenzene
Concen: 27.174 ug/L
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD079815.D
Acq: 10 Sep 2024 15:30

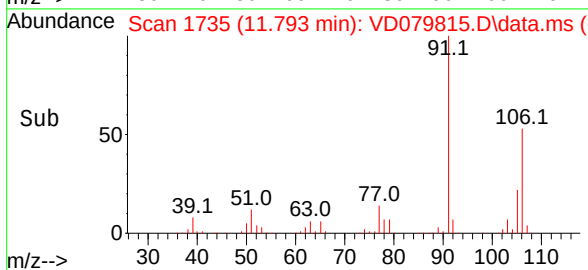
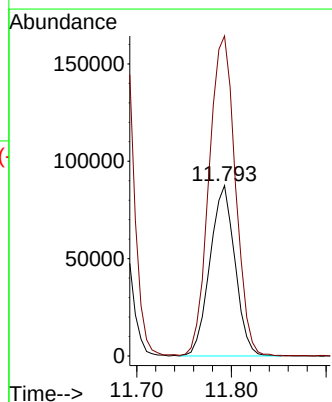
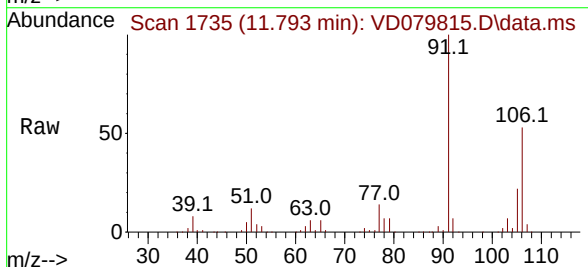
Instrument :
MSVOA_D
ClientSampleId :

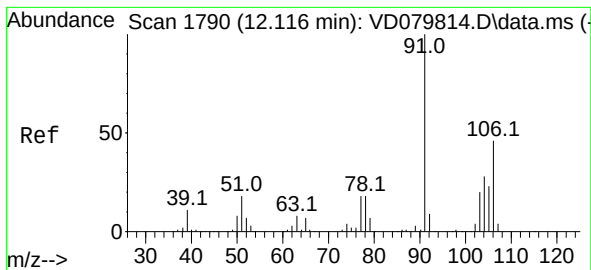
Tgt Ion: 91 Resp: 419301
Ion Ratio Lower Upper
91 100
106 30.1 21.3 39.5



#53
m,p-Xylene
Concen: 27.485 ug/L
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD079815.D
Acq: 10 Sep 2024 15:30

Tgt Ion:106 Resp: 160636
Ion Ratio Lower Upper
106 100
91 187.8 138.3 256.9

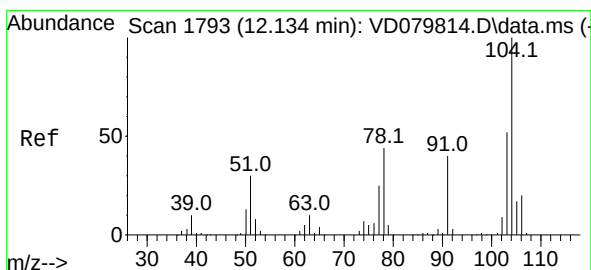
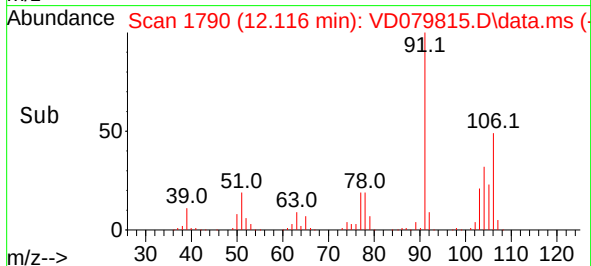
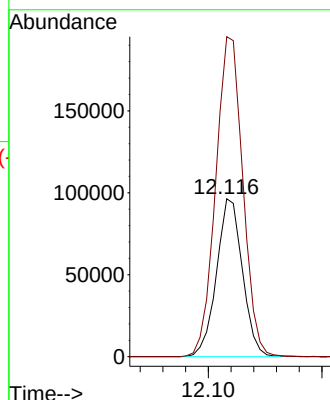
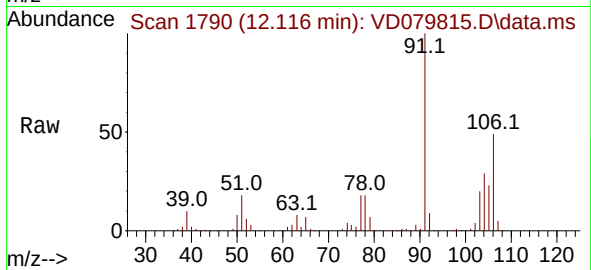




#54
o-Xylene
Concen: 26.673 ug/L
RT: 12.116 min Scan# 1790
Delta R.T. 0.000 min
Lab File: VD079815.D
Acq: 10 Sep 2024 15:30

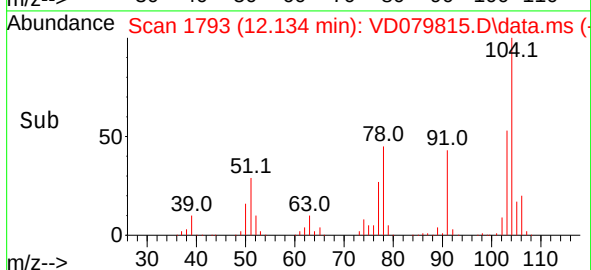
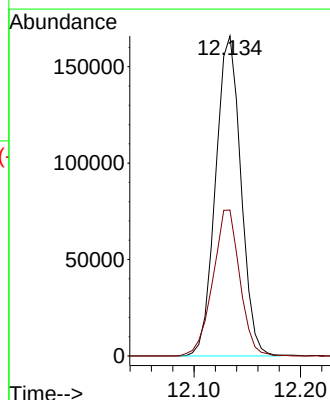
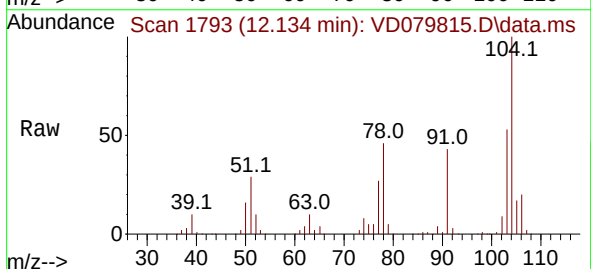
Instrument :
MSVOA_D
ClientSampleId :

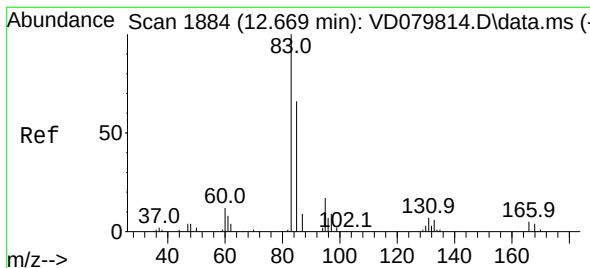
Tgt Ion:106 Resp: 152850
Ion Ratio Lower Upper
106 100
91 202.5 152.6 283.4



#55
Styrene
Concen: 27.191 ug/L
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD079815.D
Acq: 10 Sep 2024 15:30

Tgt Ion:104 Resp: 273853
Ion Ratio Lower Upper
104 100
78 45.6 30.7 57.1





#57

1,1,2,2-Tetrachloroethane

Concen: 25.964 ug/L

RT: 12.669 min Scan# 1884

Delta R.T. 0.000 min

Lab File: VD079815.D

Acq: 10 Sep 2024 15:30

Instrument :

MSVOA_D

ClientSampleId :

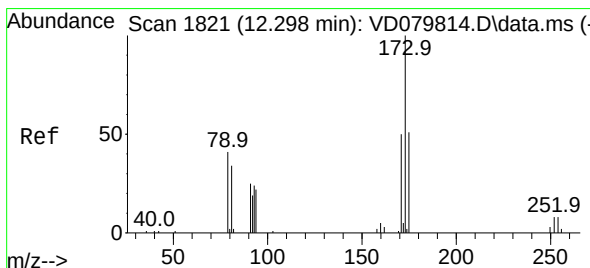
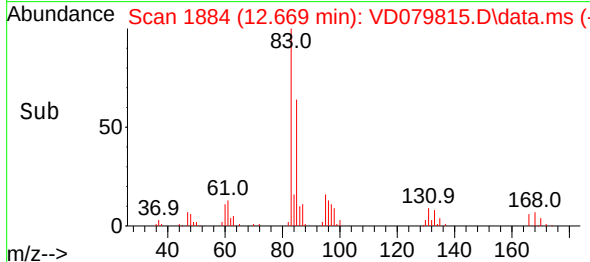
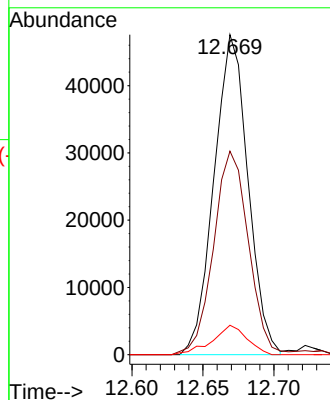
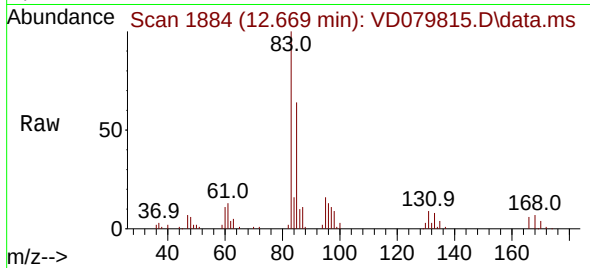
Tgt Ion: 83 Resp: 79072

Ion Ratio Lower Upper

83 100

85 63.6 46.8 87.0

131 9.2 6.5 9.7



#59

Bromoform

Concen: 26.299 ug/L

RT: 12.298 min Scan# 1821

Delta R.T. 0.000 min

Lab File: VD079815.D

Acq: 10 Sep 2024 15:30

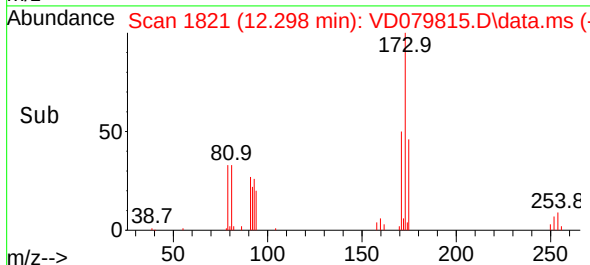
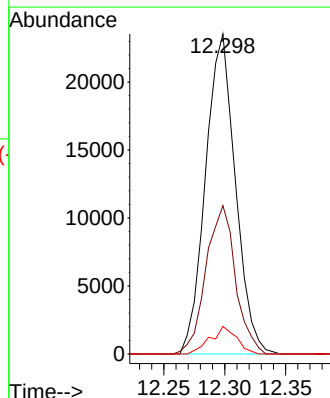
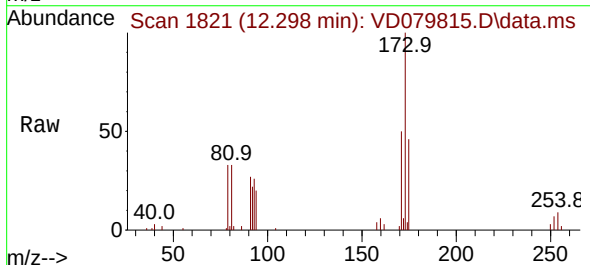
Tgt Ion:173 Resp: 40140

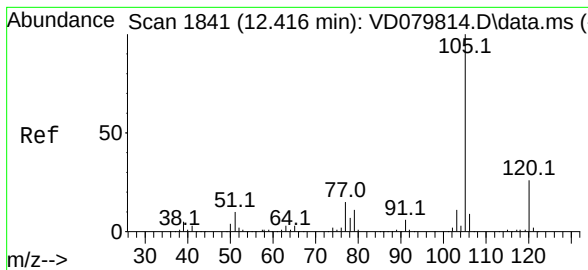
Ion Ratio Lower Upper

173 100

175 45.7 39.2 58.8

254 7.6 5.5 8.3





#60

Isopropylbenzene

Concen: 26.680 ug/L

RT: 12.416 min Scan# 1841

Delta R.T. 0.000 min

Lab File: VD079815.D

Acq: 10 Sep 2024 15:30

Instrument :

MSVOA_D

ClientSampleId :

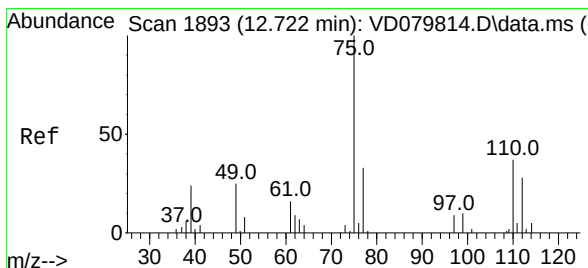
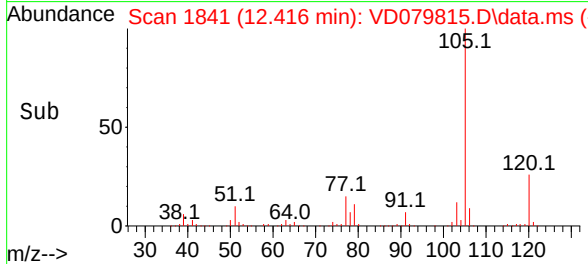
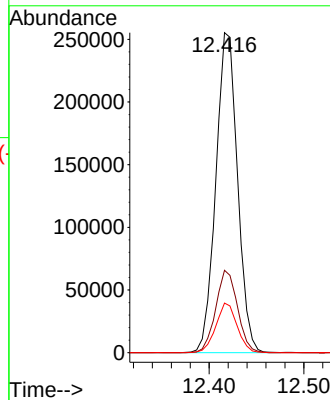
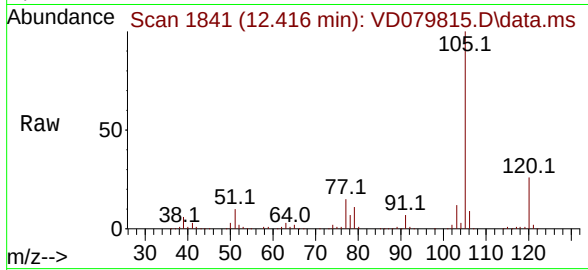
Tgt Ion:105 Resp: 407265

Ion Ratio Lower Upper

105 100

120 25.8 20.9 31.3

77 15.2 12.6 19.0



#61

1,2,3-Trichloropropane

Concen: 24.498 ug/L

RT: 12.722 min Scan# 1893

Delta R.T. 0.000 min

Lab File: VD079815.D

Acq: 10 Sep 2024 15:30

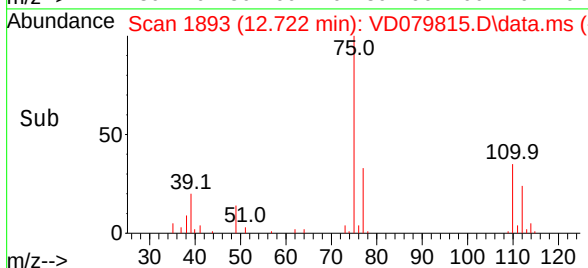
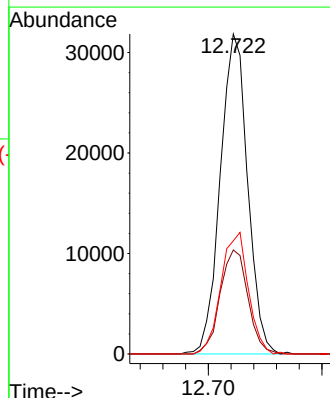
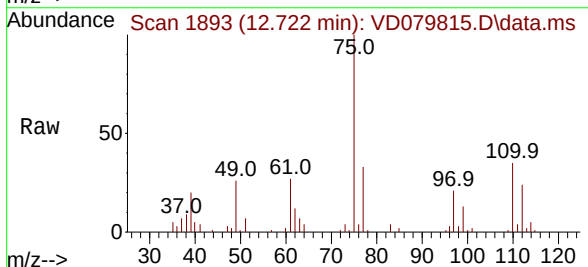
Tgt Ion: 75 Resp: 53242

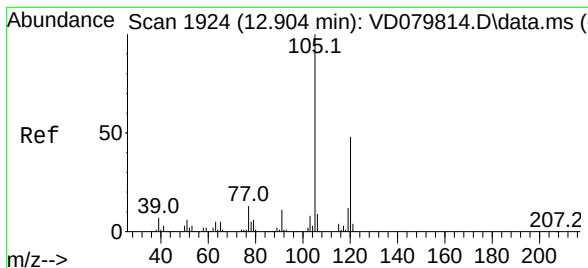
Ion Ratio Lower Upper

75 100

77 33.1 25.1 37.7

110 37.9 30.1 45.1





#62

1,3,5-Trimethylbenzene

Concen: 28.976 ug/L

RT: 12.904 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VD079815.D

Acq: 10 Sep 2024 15:30

Instrument :

MSVOA_D

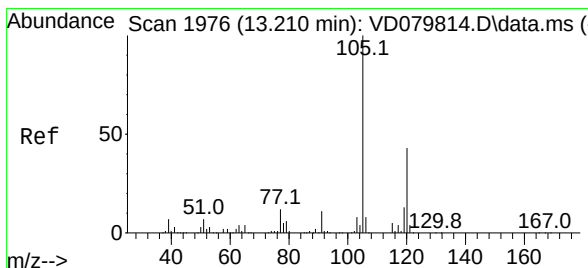
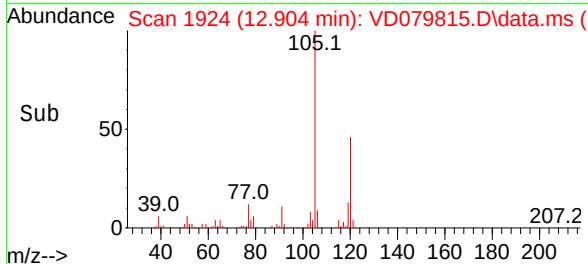
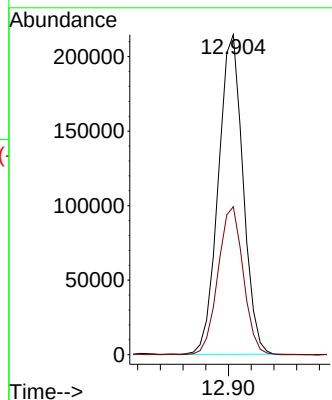
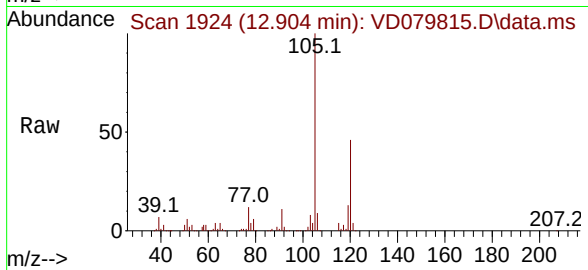
ClientSampleId :

Tgt Ion:105 Resp: 323479

Ion Ratio Lower Upper

105 100

120 47.2 38.3 57.5



#63

1,2,4-Trimethylbenzene

Concen: 27.363 ug/L

RT: 13.210 min Scan# 1976

Delta R.T. 0.000 min

Lab File: VD079815.D

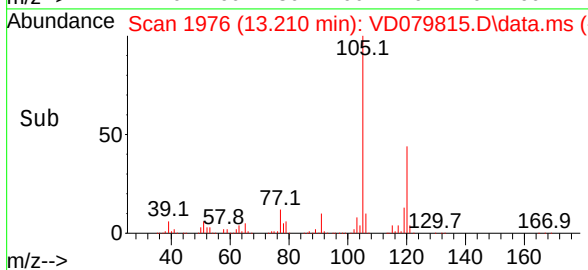
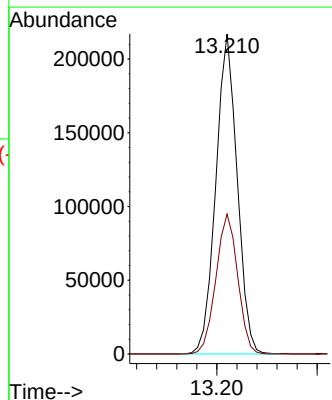
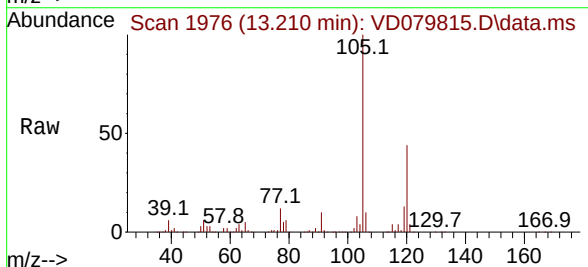
Acq: 10 Sep 2024 15:30

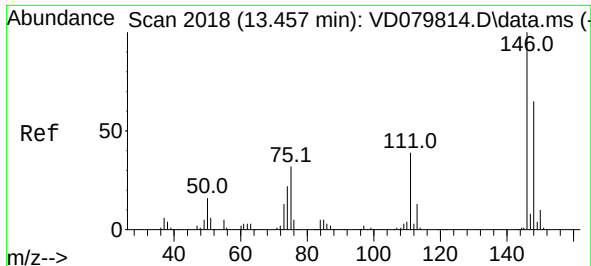
Tgt Ion:105 Resp: 320352

Ion Ratio Lower Upper

105 100

120 44.5 36.3 54.5

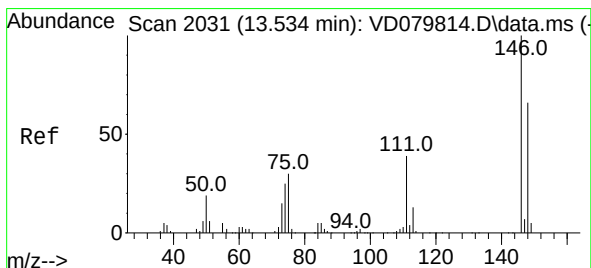
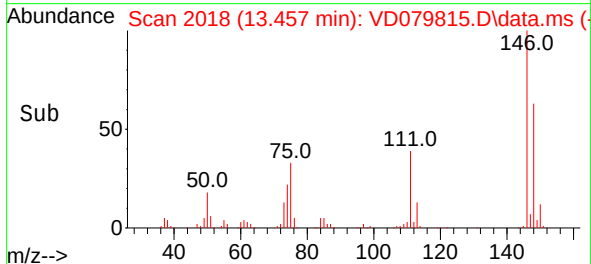
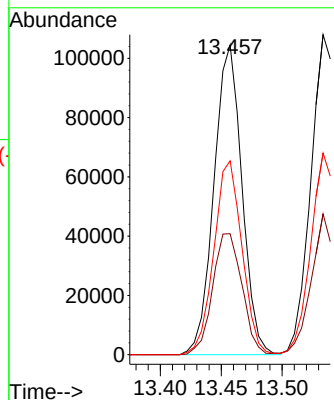
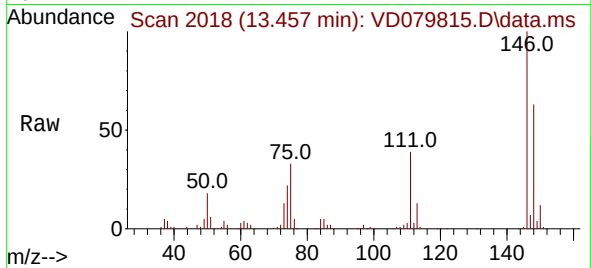




#64
1,3-Dichlorobenzene
Concen: 26.497 ug/L
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD079815.D
Acq: 10 Sep 2024 15:30

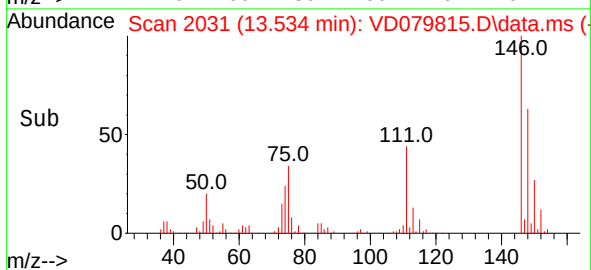
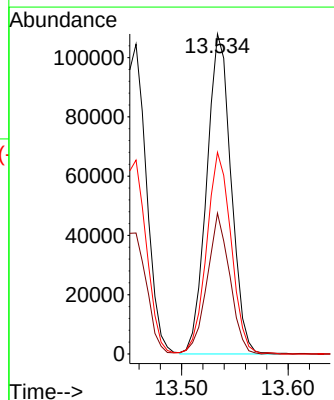
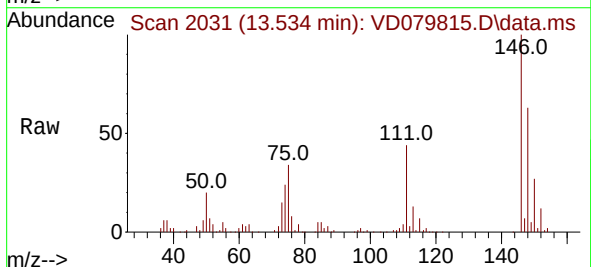
Instrument :
MSVOA_D
ClientSampleId :

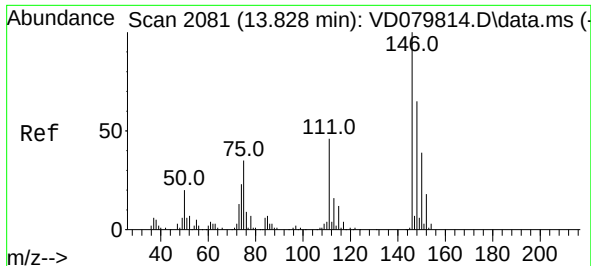
Tgt Ion:146 Resp: 167150
Ion Ratio Lower Upper
146 100
111 39.0 27.4 50.8
148 62.6 45.6 84.8



#65
1,4-Dichlorobenzene
Concen: 25.992 ug/L
RT: 13.534 min Scan# 2031
Delta R.T. 0.000 min
Lab File: VD079815.D
Acq: 10 Sep 2024 15:30

Tgt Ion:146 Resp: 171984
Ion Ratio Lower Upper
146 100
111 44.0 27.6 51.4
148 63.0 46.1 85.7





#67

1,2-Dichlorobenzene

Concen: 26.271 ug/L

RT: 13.828 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VD079815.D

Acq: 10 Sep 2024 15:30

Instrument :

MSVOA_D

ClientSampleId :

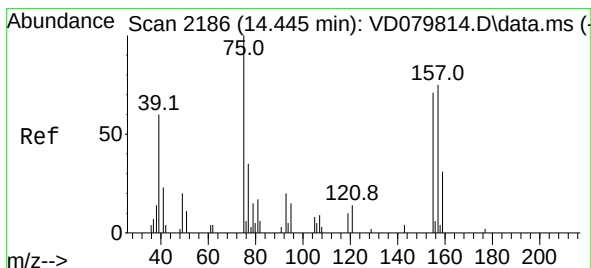
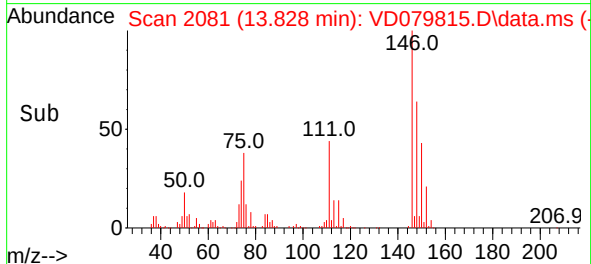
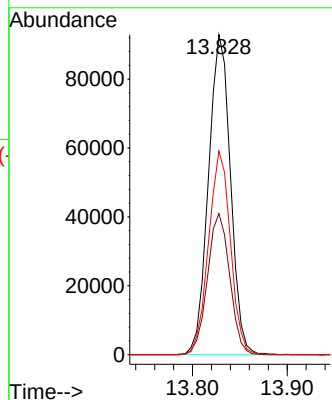
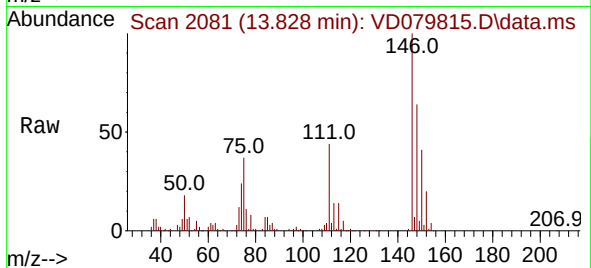
Tgt Ion:146 Resp: 149791

Ion Ratio Lower Upper

146 100

111 44.1 36.9 55.3

148 63.6 51.8 77.8



#68

1,2-Dibromo-3-chloropropane

Concen: 25.920 ug/L

RT: 14.445 min Scan# 2186

Delta R.T. 0.000 min

Lab File: VD079815.D

Acq: 10 Sep 2024 15:30

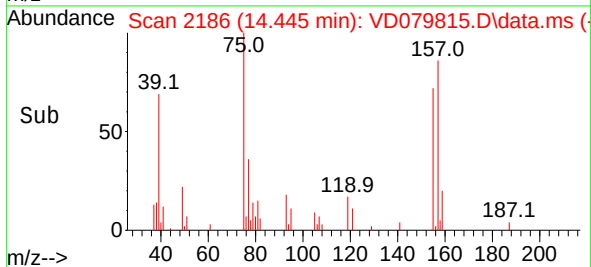
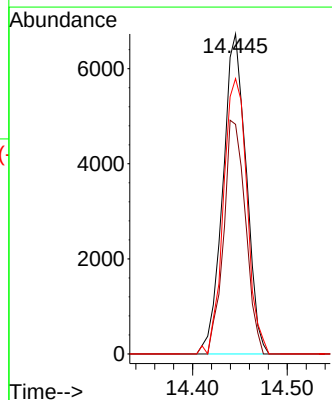
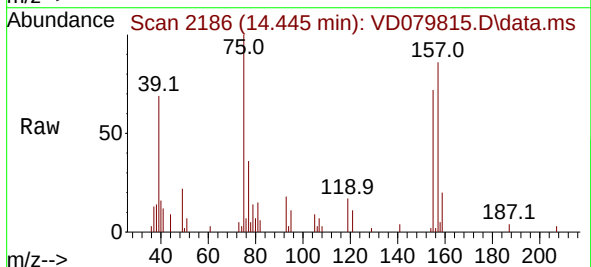
Tgt Ion: 75 Resp: 11526

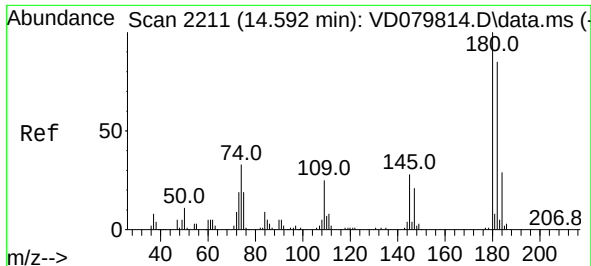
Ion Ratio Lower Upper

75 100

155 71.8 57.2 85.8

157 86.0 59.7 89.5





#69

1,3,5-Trichlorobenzene

Concen: 26.021 ug/L

RT: 14.592 min Scan# 2211

Delta R.T. 0.000 min

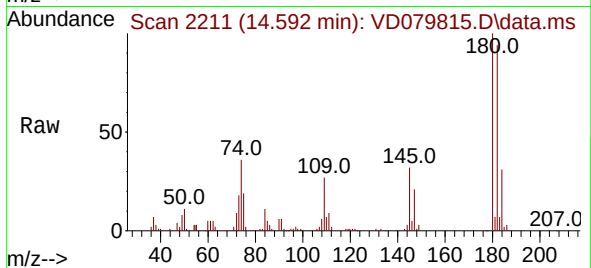
Lab File: VD079815.D

Acq: 10 Sep 2024 15:30

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:180 Resp: 99532

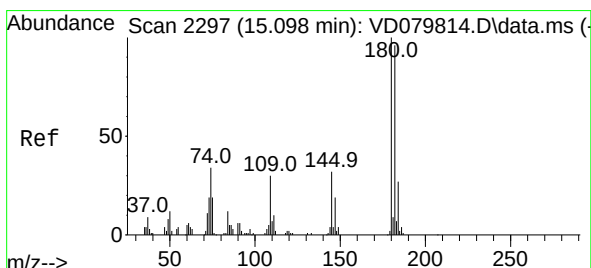
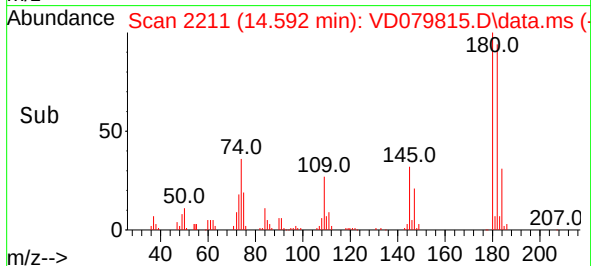
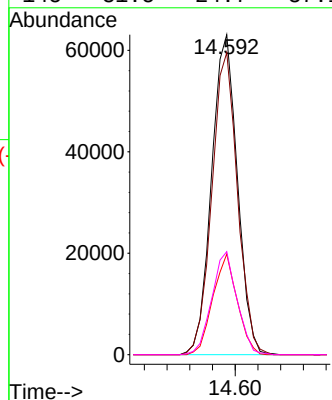
Ion Ratio Lower Upper

180 100

182 93.7 72.6 109.0

184 29.7 24.2 36.2

145 31.5 24.7 37.1



#70

1,2,4-trichlorobenzene

Concen: 25.999 ug/L

RT: 15.098 min Scan# 2297

Delta R.T. 0.000 min

Lab File: VD079815.D

Acq: 10 Sep 2024 15:30

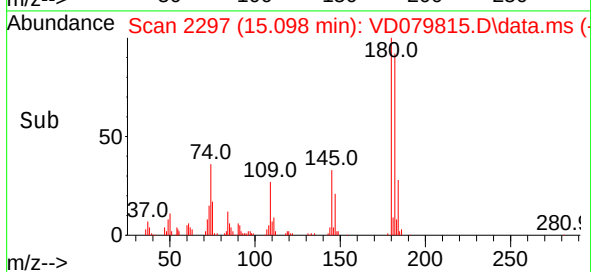
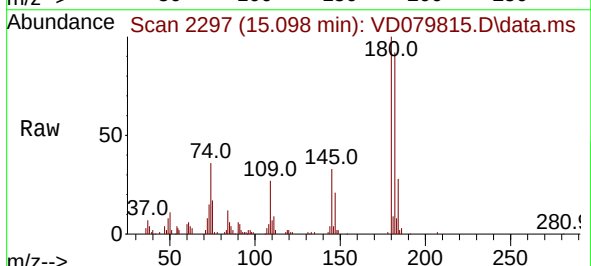
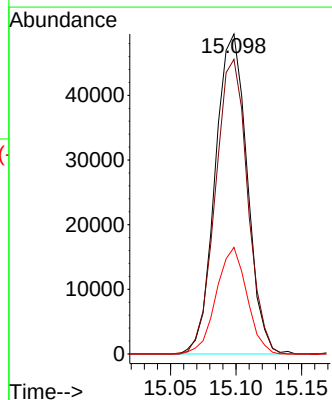
Tgt Ion:180 Resp: 83729

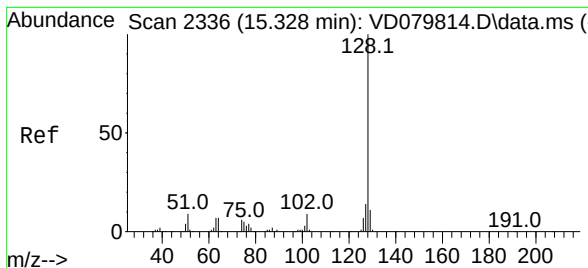
Ion Ratio Lower Upper

180 100

182 92.9 75.9 113.9

145 32.0 26.6 40.0





#71

Naphthalene

Concen: 25.879 ug/L

RT: 15.328 min Scan# 2336

Delta R.T. 0.000 min

Lab File: VD079815.D

Acq: 10 Sep 2024 15:30

Instrument :

MSVOA_D

ClientSampleId :

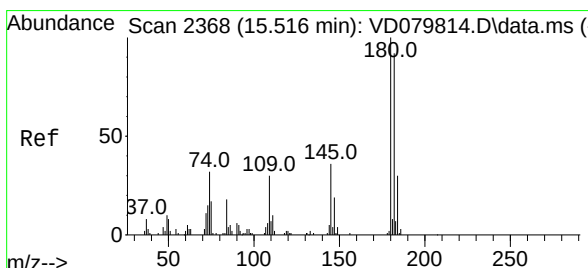
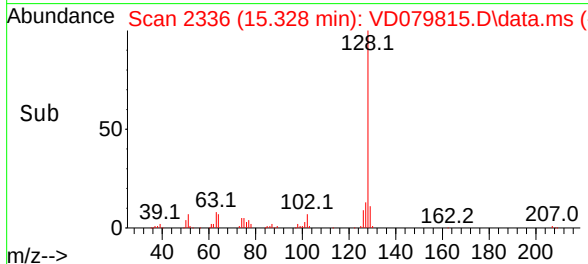
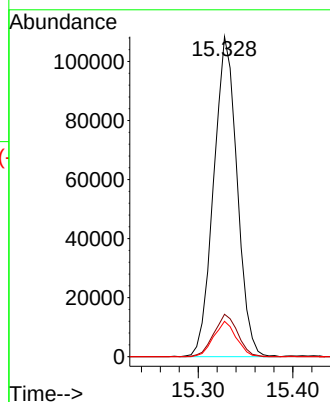
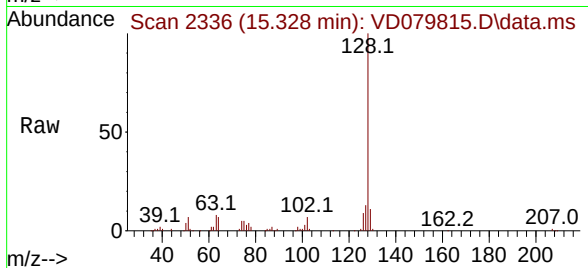
Tgt Ion:128 Resp: 186150

Ion Ratio Lower Upper

128 100

127 13.5 11.2 16.8

129 10.7 8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 26.344 ug/L

RT: 15.516 min Scan# 2368

Delta R.T. 0.000 min

Lab File: VD079815.D

Acq: 10 Sep 2024 15:30

Tgt Ion:180 Resp: 75889

Ion Ratio Lower Upper

180 100

182 95.0 74.1 111.1

145 34.3 26.4 39.6

