

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080224\
 Data File : VD079543.D
 Acq On : 02 Aug 2024 15:37
 Operator : RP/MD
 Sample : P3413-01
 Misc : 5.01G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EO-02-073124

Quant Time: Aug 02 18:55:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 30 03:50:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	4102	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	8759	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.586	117	9818	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	3388	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	4911	117.848	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 235.700%#	
35) Dibromofluoromethane	7.804	113	4278	72.160	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 144.320%	
50) Toluene-d8	10.269	98	10678	46.381	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 92.760%	
62) 4-Bromofluorobenzene	12.569	95	3330	49.983	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 99.960%	

Target Compounds				Qvalue		
3) Chloromethane	2.152	50	584	9.862	ug/l #	26
5) Bromomethane	2.699	94	494	8.953	ug/l	85
6) Chloroethane	2.858	64	63	1.392	ug/l #	44
10) Methyl Iodide	4.175	142	198	4.542	ug/l #	1
14) Allyl chloride	4.622	41	62	1.059	ug/l #	17
15) Acrylonitrile	5.499	53	60	6.070	ug/l #	17
16) Acetone	4.034	43	189	23.337	ug/l #	37
18) Methyl Acetate	4.587	43	58	2.307	ug/l #	40
20) Methylene Chloride	4.793	84	1751	21.230	ug/l #	73
21) trans-1,2-Dichloroethene	5.187	96	73	1.466	ug/l #	6
29) Tetrahydrofuran	7.399	42	95	13.351	ug/l #	21
36) 1,1-Dichloropropene	7.869	75	88	1.088	ug/l #	39
37) Ethyl Acetate	7.387	43	60	1.809	ug/l #	64
38) Carbon Tetrachloride	7.863	117	372	4.373	ug/l #	13
48) Methyl methacrylate	9.581	41	80	2.867	ug/l #	2
51) 4-Methyl-2-Pentanone	10.251	43	54	1.696	ug/l #	31
59) 2-Hexanone	10.922	43	126	5.675	ug/l #	19
61) 1,2-Dibromoethane	11.181	107	117	2.734	ug/l #	4
70) Styrene	12.139	104	314	1.384	ug/l #	74
73) Isopropylbenzene	12.428	105	133	4.114	ug/l #	48
74) N-amyl acetate	12.228	43	130	2.609	ug/l #	35
76) 1,2,3-Trichloropropane	12.575	75	1808	61.051	ug/l #	100
77) Bromobenzene	12.710	156	78	1.373	ug/l #	1
78) n-propylbenzene	12.751	91	353	1.246	ug/l #	51
79) 2-Chlorotoluene	12.851	91	234	1.484	ug/l #	37
81) trans-1,4-Dichloro-2-b...	12.575	75	1808	116.441	ug/l #	19
82) 4-Chlorotoluene	12.945	91	662	4.027	ug/l #	54
83) tert-Butylbenzene	13.163	119	191	4.597	ug/l #	31
84) 1,2,4-Trimethylbenzene	13.204	105	138	4.034	ug/l #	29
86) p-Isopropyltoluene	13.457	119	161	4.511	ug/l #	51
87) 1,3-Dichlorobenzene	13.539	146	552	4.691	ug/l	86
88) 1,4-Dichlorobenzene	13.539	146	552	4.771	ug/l	88
89) n-Butylbenzene	13.786	91	482	5.813	ug/l #	63
91) 1,2-Dichlorobenzene	13.839	146	409	4.067	ug/l #	47
93) 1,2,4-Trichlorobenzene	15.104	180	572	9.027	ug/l #	87
94) Hexachlorobutadiene	15.198	225	55	1.608	ug/l #	16

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Quant Title : SW846 8260
QLast Update : Tue Jul 30 03:50:47 2024
Response via : Initial Calibration

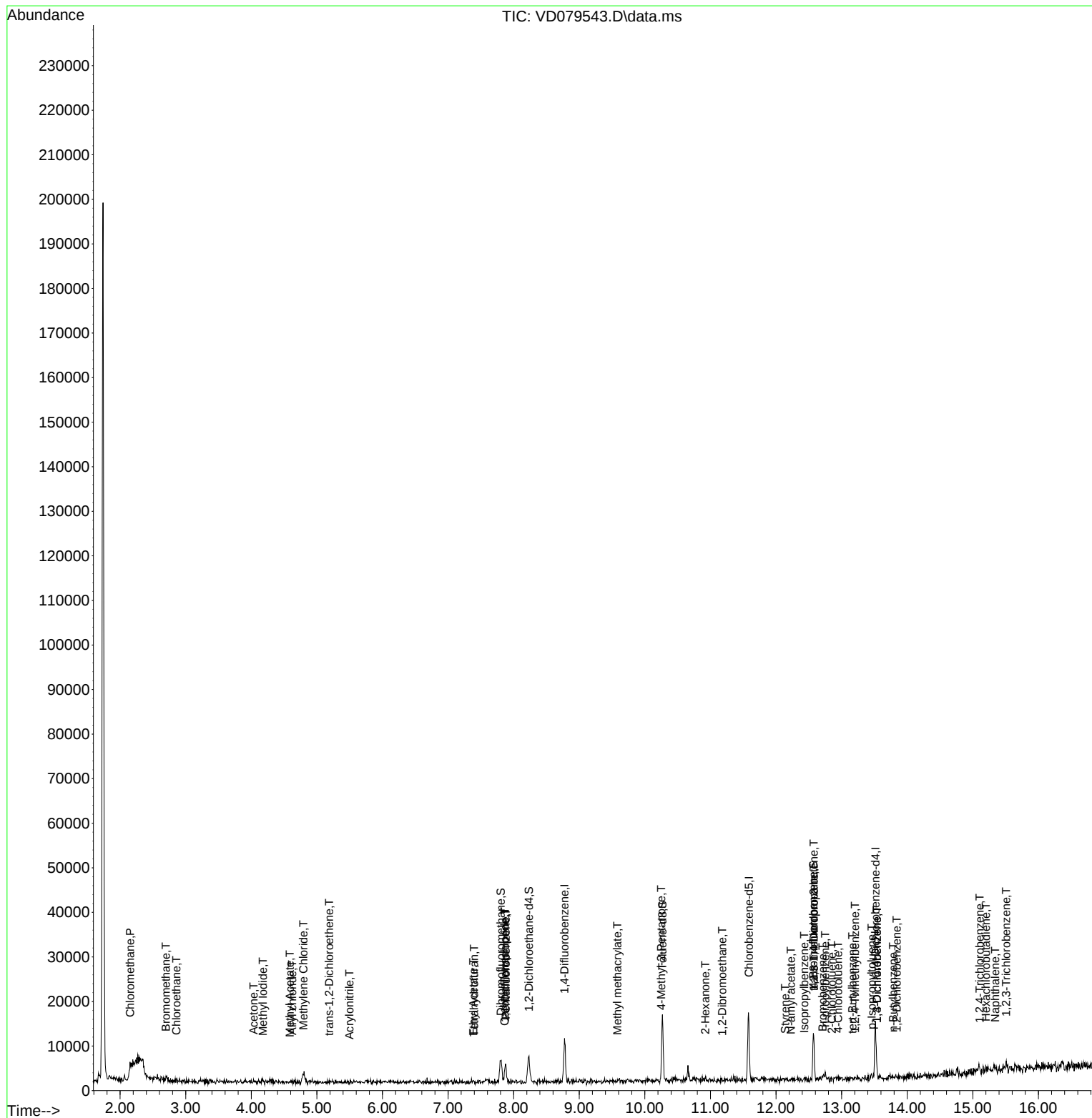
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	15.339	128	2113	19.266	ug/l #	32
96) 1,2,3-Trichlorobenzene	15.510	180	625	11.213	ug/l #	73

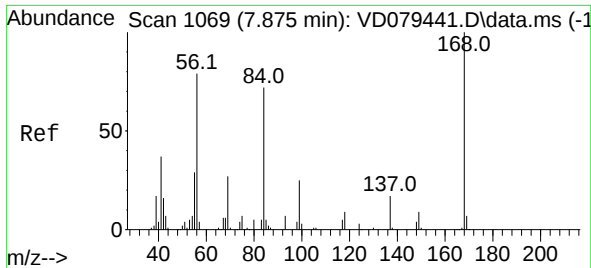
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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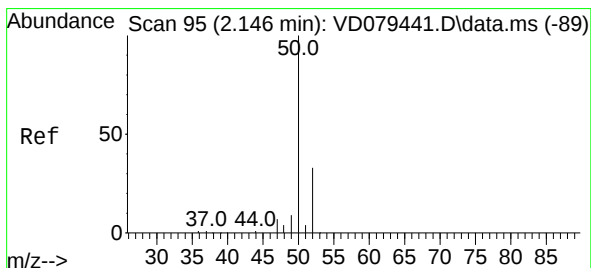
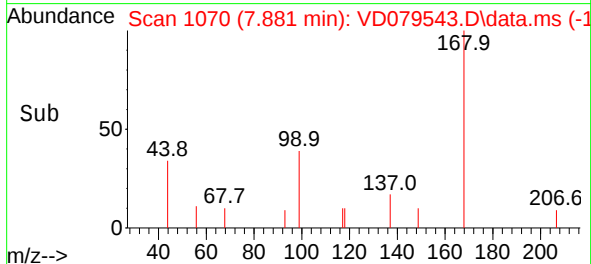
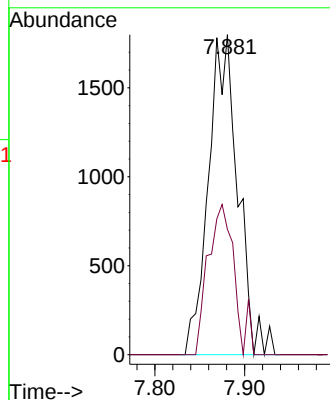
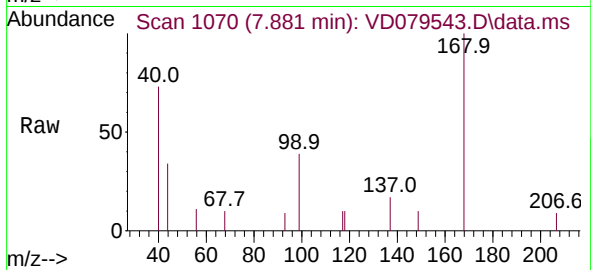




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD079543.D
Acq: 02 Aug 2024 15:37

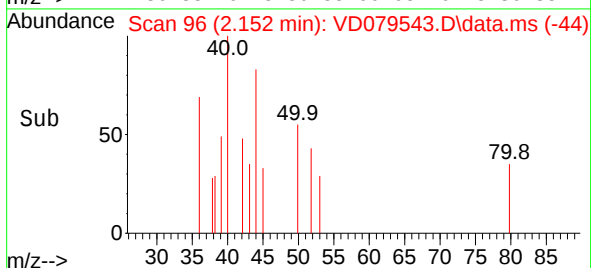
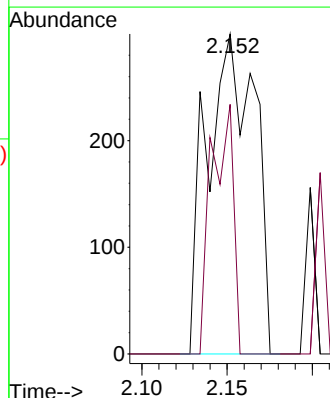
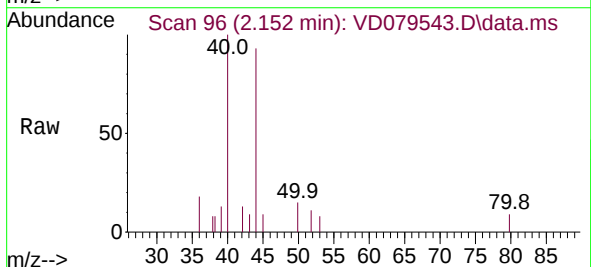
Instrument :
MSVOA_D
ClientSampleId :
EO-02-073124

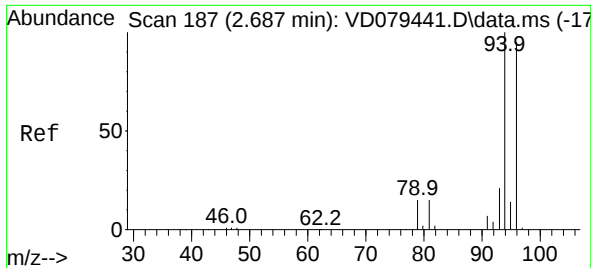
Tgt Ion:168 Resp: 4102
Ion Ratio Lower Upper
168 100
99 39.2 41.1 61.7#



#3
Chloromethane
Concen: 9.862 ug/l
RT: 2.152 min Scan# 96
Delta R.T. 0.006 min
Lab File: VD079543.D
Acq: 02 Aug 2024 15:37

Tgt Ion: 50 Resp: 584
Ion Ratio Lower Upper
50 100
52 78.0 28.2 42.2#

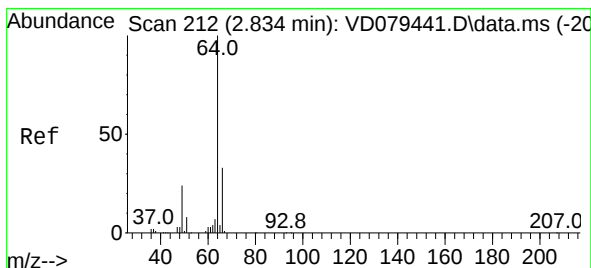
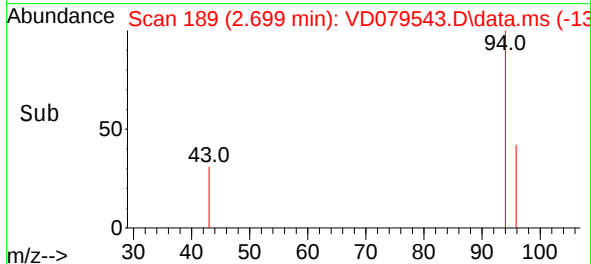
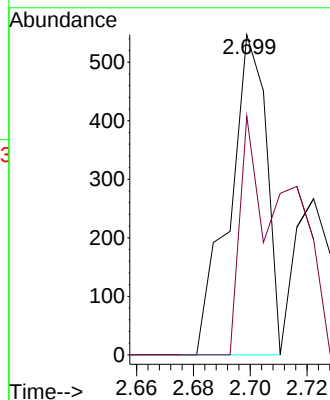
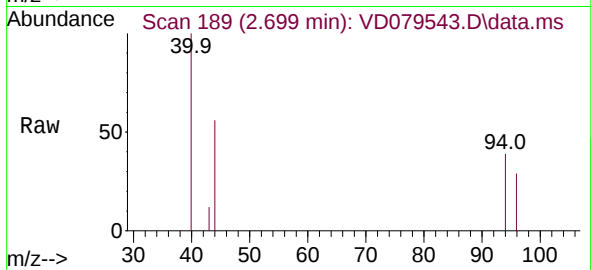




#5
Bromomethane
Concen: 8.953 ug/l
RT: 2.699 min Scan# 11
Delta R.T. 0.012 min
Lab File: VD079543.D
Acq: 02 Aug 2024 15:37

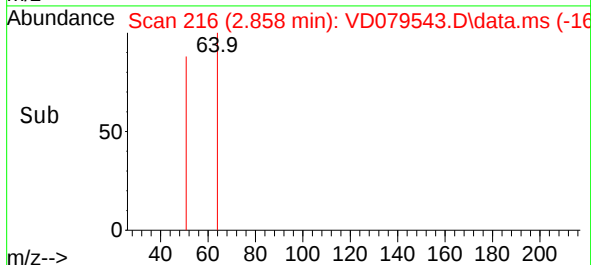
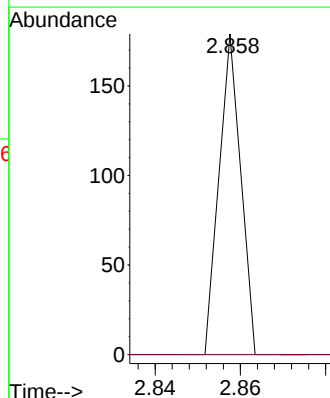
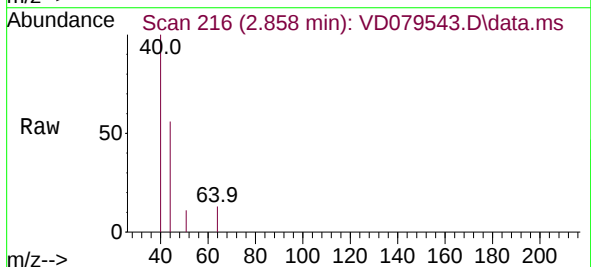
Instrument :
MSVOA_D
ClientSampleId :
EO-02-073124

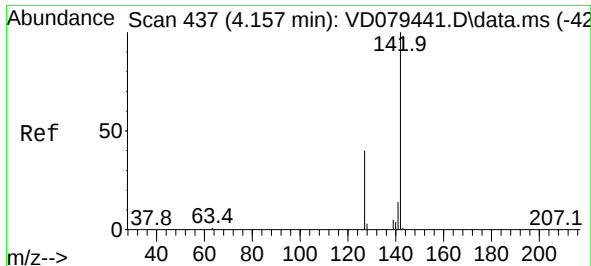
Tgt Ion: 94 Resp: 494
Ion Ratio Lower Upper
94 100
96 110.5 76.9 115.3



#6
Chloroethane
Concen: 1.392 ug/l
RT: 2.858 min Scan# 216
Delta R.T. 0.029 min
Lab File: VD079543.D
Acq: 02 Aug 2024 15:37

Tgt Ion: 64 Resp: 63
Ion Ratio Lower Upper
64 100
66 0.0 24.5 36.7#

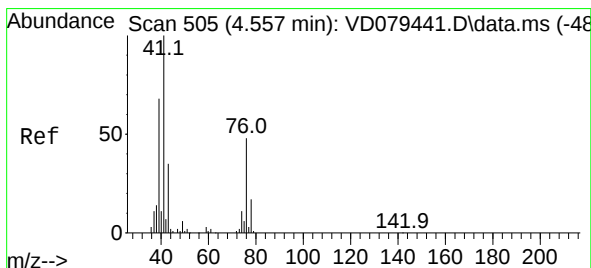
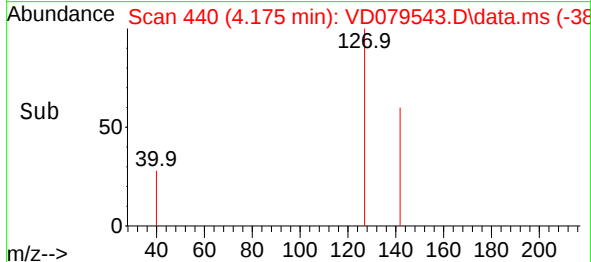
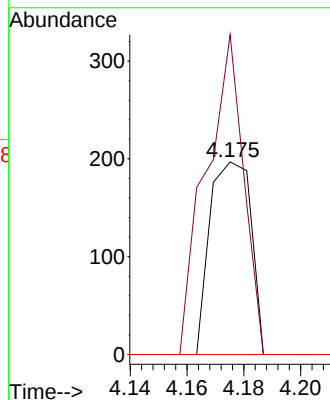
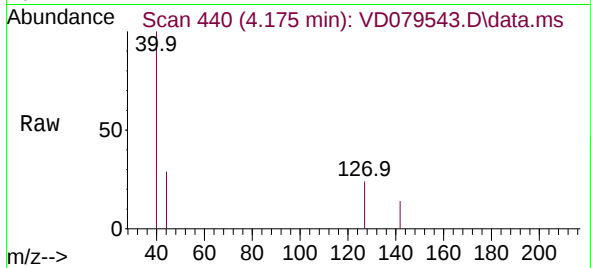




#10
Methyl Iodide
Concen: 4.542 ug/l
RT: 4.175 min Scan# 41
Delta R.T. 0.023 min
Lab File: VD079543.D
Acq: 02 Aug 2024 15:37

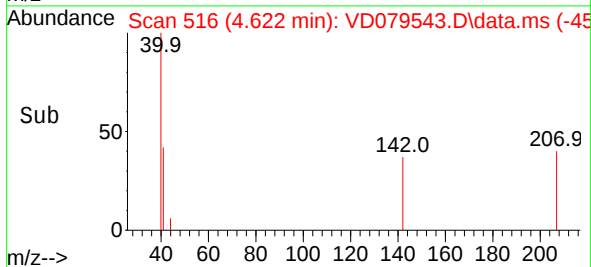
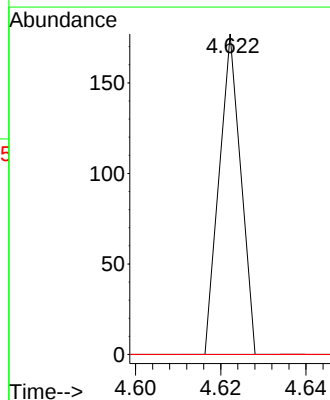
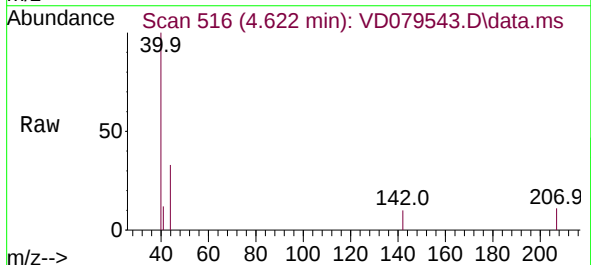
Instrument :
MSVOA_D
ClientSampleId :
EO-02-073124

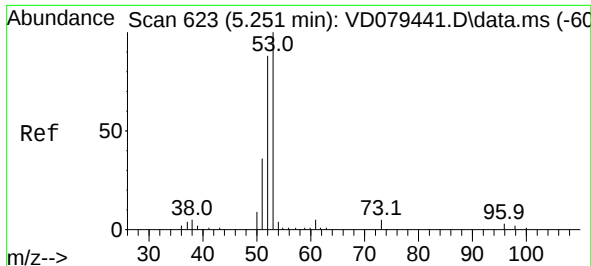
Tgt Ion:142 Resp: 198
Ion Ratio Lower Upper
142 100
127 151.5 34.2 51.4#
141 0.0 11.7 17.5#



#14
Allyl chloride
Concen: 1.059 ug/l
RT: 4.622 min Scan# 516
Delta R.T. 0.070 min
Lab File: VD079543.D
Acq: 02 Aug 2024 15:37

Tgt Ion: 41 Resp: 62
Ion Ratio Lower Upper
41 100
39 0.0 58.0 87.0#
76 0.0 45.9 68.9#





#15

Acrylonitrile

Concen: 6.070 ug/l

RT: 5.499 min Scan# 6

Delta R.T. 0.247 min

Lab File: VD079543.D

Acq: 02 Aug 2024 15:37

Instrument :

MSVOA_D

ClientSampleId :

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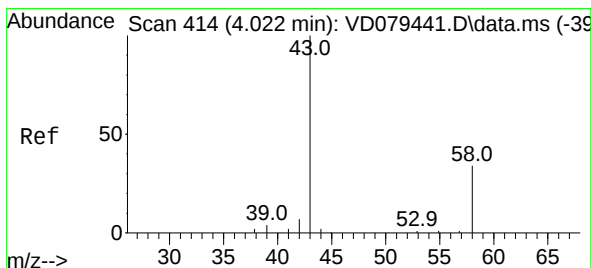
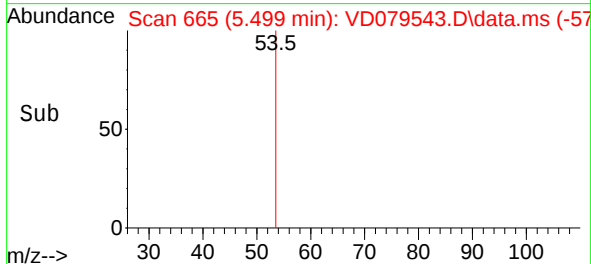
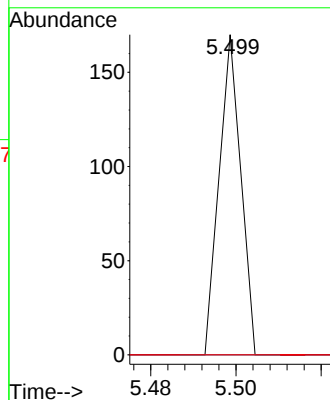
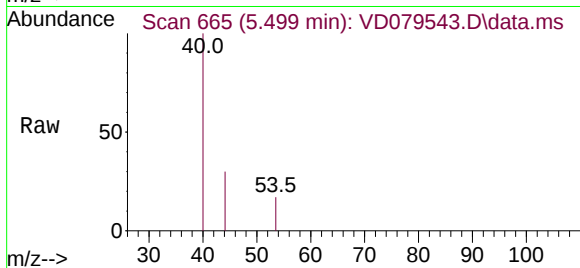
Tgt Ion: 53 Resp: 60

Ion Ratio Lower Upper

53 100

52 0.0 67.7 101.5#

51 0.0 28.6 42.8#



#16

Acetone

Concen: 23.337 ug/l

RT: 4.034 min Scan# 416

Delta R.T. 0.012 min

Lab File: VD079543.D

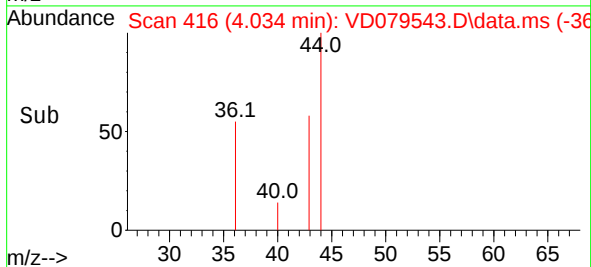
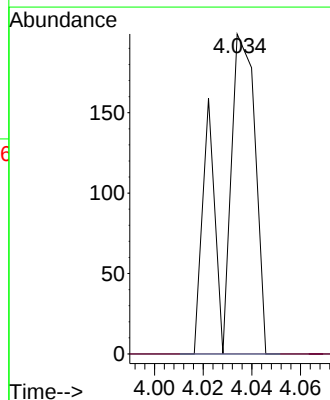
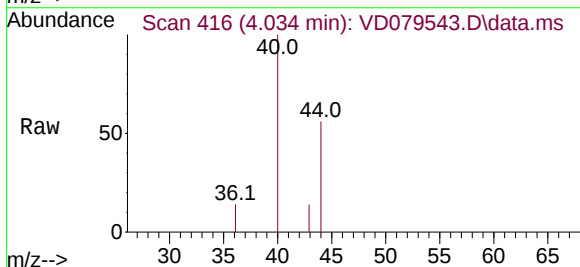
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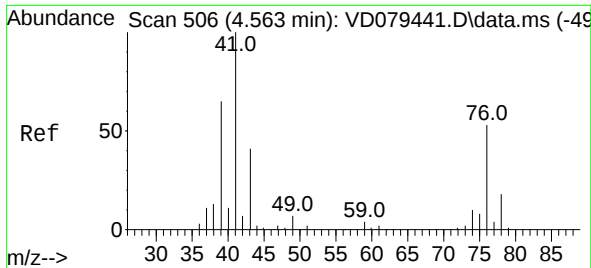
Tgt Ion: 43 Resp: 189

Ion Ratio Lower Upper

43 100

58 0.0 30.4 45.6#

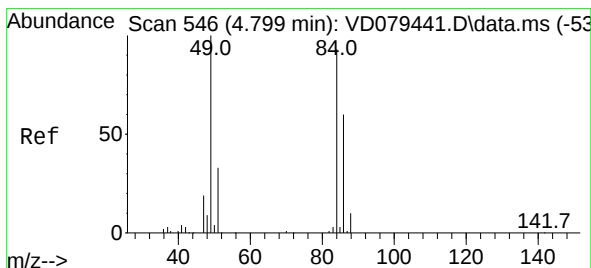
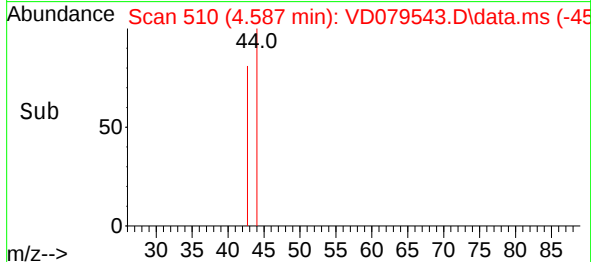
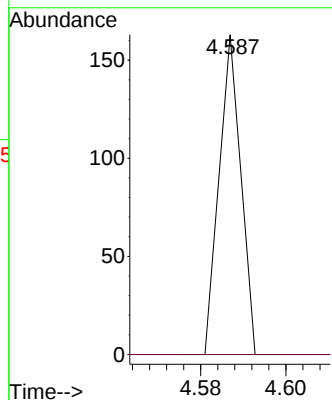
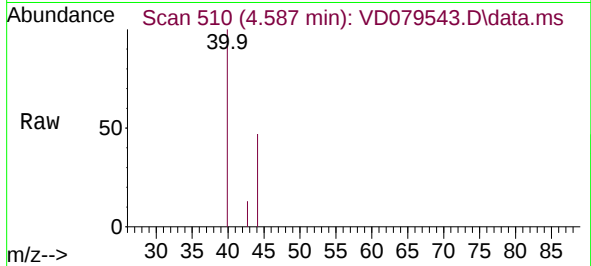




#18
Methyl Acetate
Concen: 2.307 ug/l
RT: 4.587 min Scan# 510
Delta R.T. 0.017 min
Lab File: VD079543.D
Acq: 02 Aug 2024 15:37

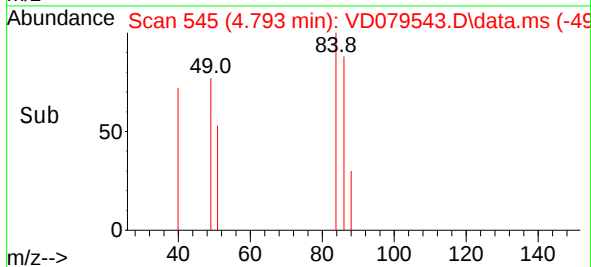
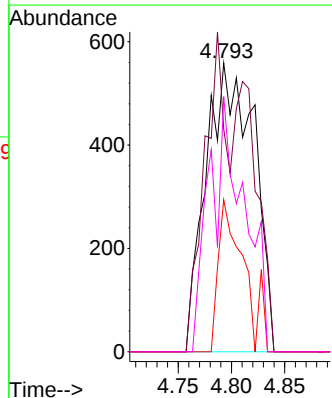
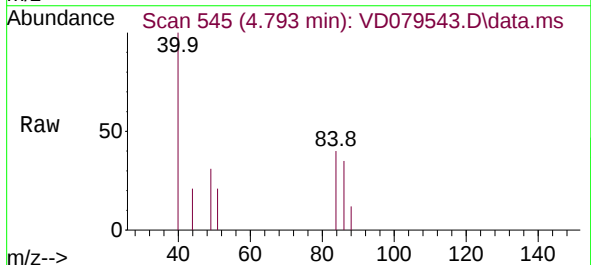
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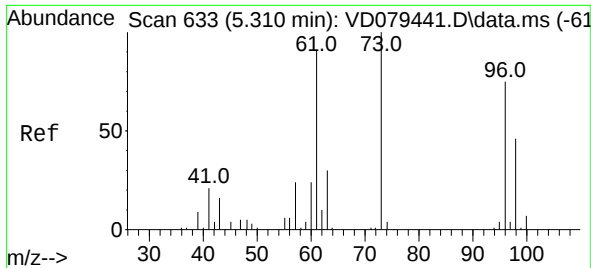
Tgt Ion: 43 Resp: 58
Ion Ratio Lower Upper
43 100
74 0.0 28.1 42.1#



#20
Methylene Chloride
Concen: 21.230 ug/l
RT: 4.793 min Scan# 545
Delta R.T. -0.006 min
Lab File: VD079543.D
Acq: 02 Aug 2024 15:37

Tgt Ion: 84 Resp: 1751
Ion Ratio Lower Upper
84 100
49 77.1 75.6 113.4
51 52.6 24.2 36.2#
86 88.4 49.2 73.8#

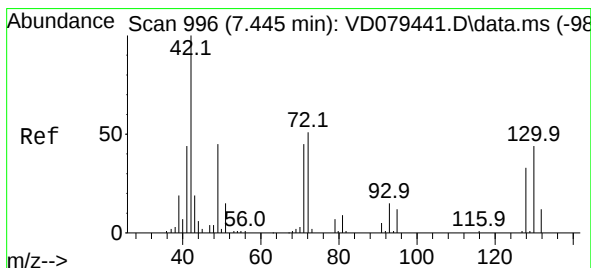
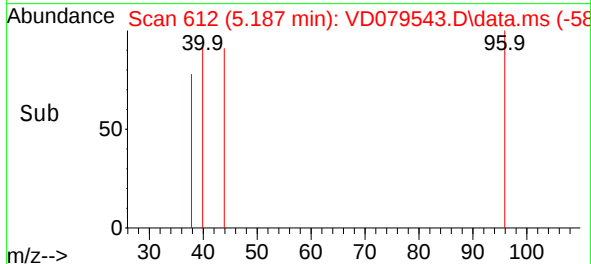
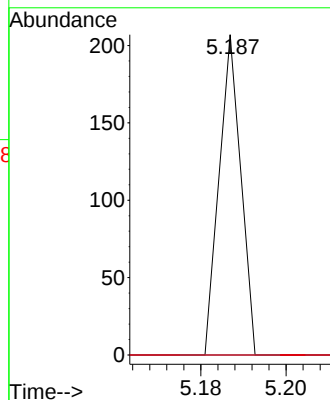
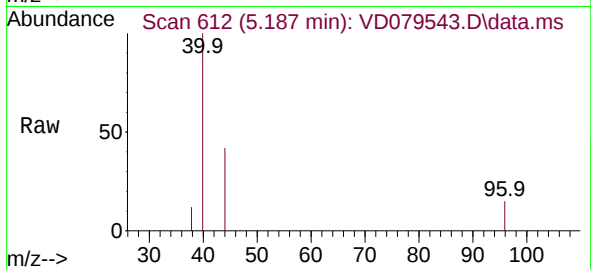




#21
trans-1,2-Dichloroethene
Concen: 1.466 ug/l
RT: 5.187 min Scan# 61
Delta R.T. -0.124 min
Lab File: VD079543.D
Acq: 02 Aug 2024 15:37

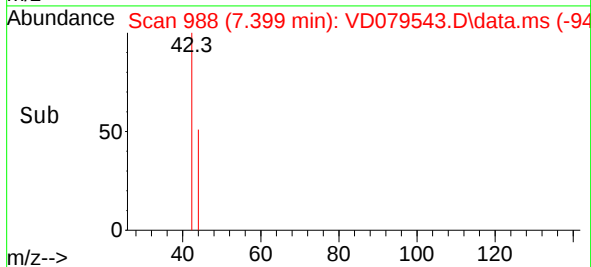
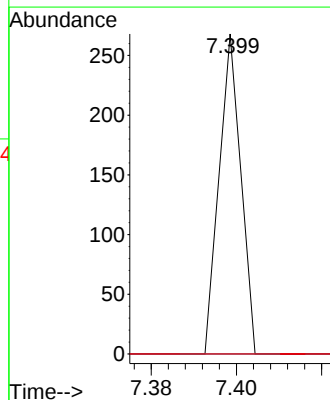
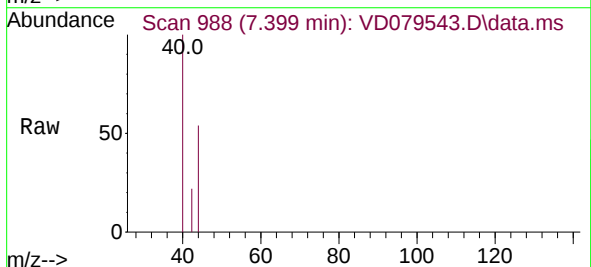
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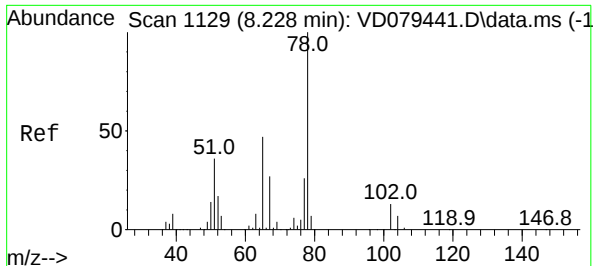
Tgt Ion: 96 Resp: 73
Ion Ratio Lower Upper
96 100
61 0.0 84.5 126.7#
98 0.0 50.5 75.7#



#29
Tetrahydrofuran
Concen: 13.351 ug/l
RT: 7.399 min Scan# 988
Delta R.T. -0.047 min
Lab File: VD079543.D
Acq: 02 Aug 2024 15:37

Tgt Ion: 42 Resp: 95
Ion Ratio Lower Upper
42 100
72 0.0 49.4 74.0#
71 0.0 45.0 67.6#

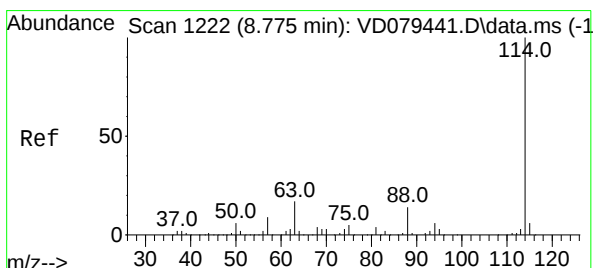
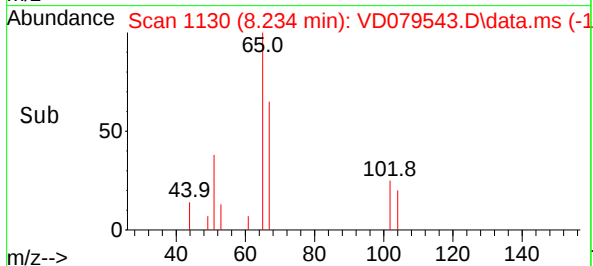
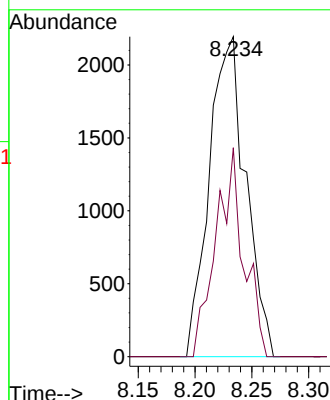
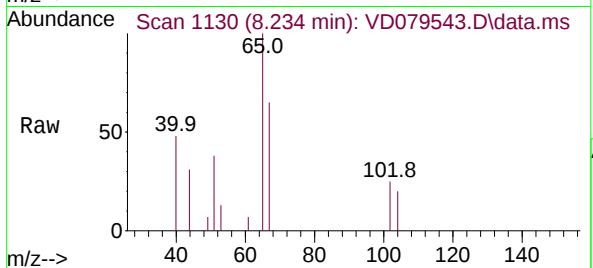




#33
 1,2-Dichloroethane-d4
 Concen: 117.848 ug/l
 RT: 8.234 min Scan# 1130
 Delta R.T. 0.006 min
 Lab File: VD079543.D
 Acq: 02 Aug 2024 15:37

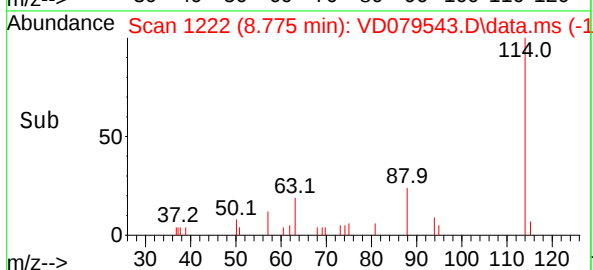
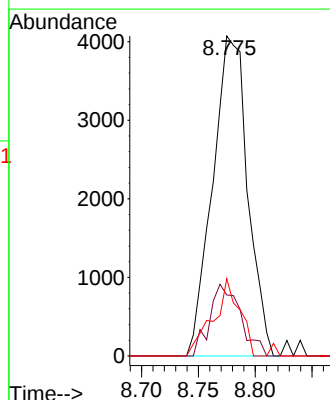
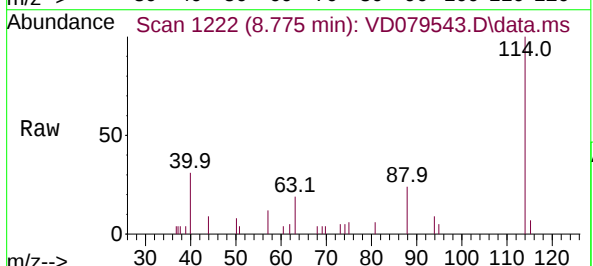
Instrument :
 MSVOA_D
 ClientSampleId :
 EO-02-073124

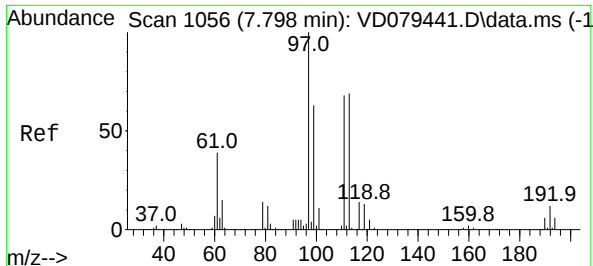
Tgt Ion: 65 Resp: 4911
 Ion Ratio Lower Upper
 65 100
 67 49.7 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.775 min Scan# 1222
 Delta R.T. -0.000 min
 Lab File: VD079543.D
 Acq: 02 Aug 2024 15:37

Tgt Ion: 114 Resp: 8759
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 34.0
 88 24.2 0.0 27.2

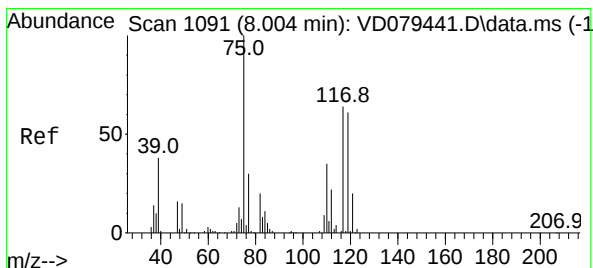
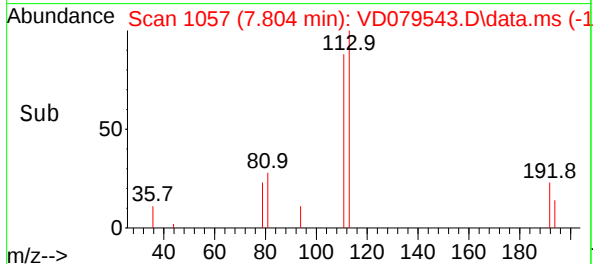
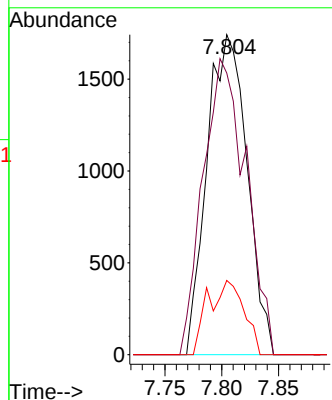
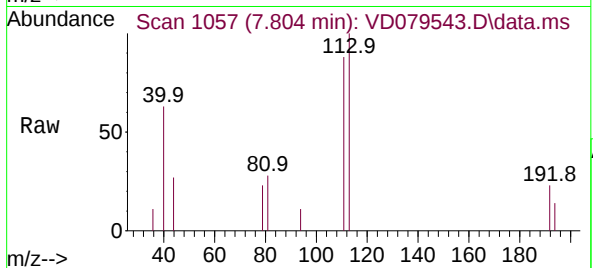




#35
Dibromofluoromethane
Concen: 72.160 ug/l
RT: 7.804 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VD079543.D
Acq: 02 Aug 2024 15:37

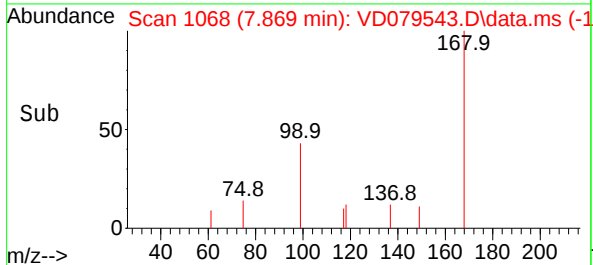
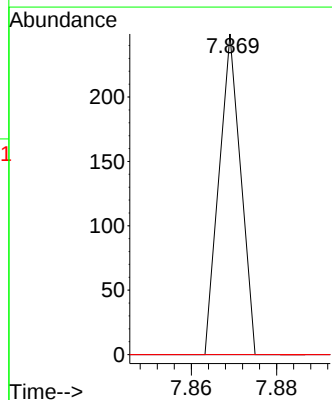
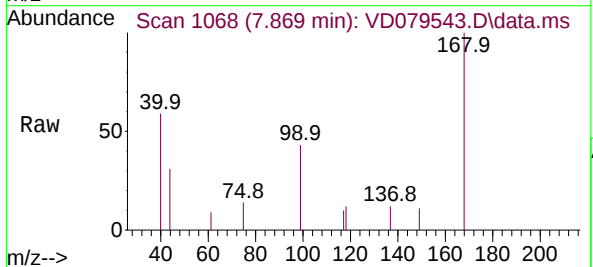
Instrument :
MSVOA_D
ClientSampleId :
EO-02-073124

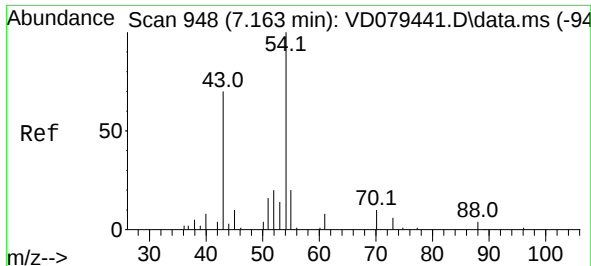
Tgt Ion:113 Resp: 4278
Ion Ratio Lower Upper
113 100
111 98.9 84.0 126.0
192 20.7 15.4 23.0



#36
1,1-Dichloropropene
Concen: 1.088 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.141 min
Lab File: VD079543.D
Acq: 02 Aug 2024 15:37

Tgt Ion: 75 Resp: 88
Ion Ratio Lower Upper
75 100
110 0.0 19.6 58.7#
77 0.0 26.1 39.1#





#37

Ethyl Acetate

Concen: 1.809 ug/l

RT: 7.387 min Scan# 91

Delta R.T. 0.212 min

Lab File: VD079543.D

Acq: 02 Aug 2024 15:37

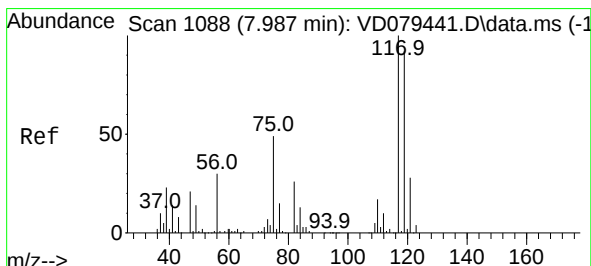
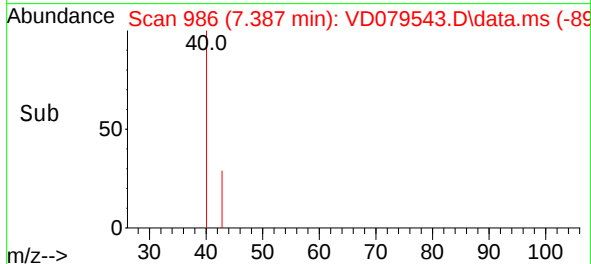
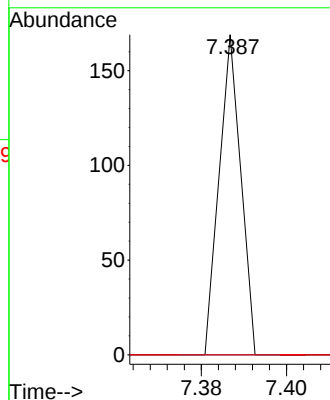
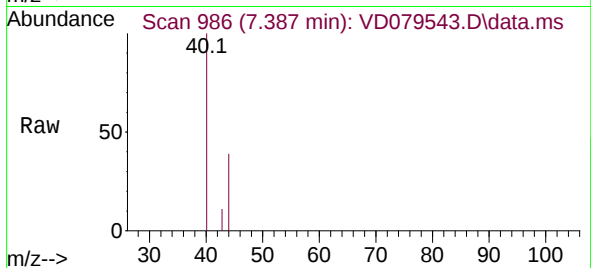
Instrument :

MSVOA_D

ClientSampleId :

EO-02-073124

Tgt Ion: 43	Resp: 60
Ion Ratio	Lower Upper
43	100
61	0.0 13.9 20.9#
70	0.0 9.8 14.6#



#38

Carbon Tetrachloride

Concen: 4.373 ug/l

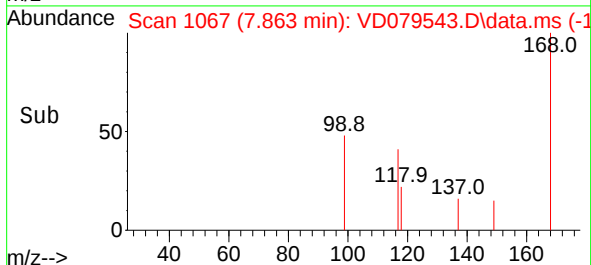
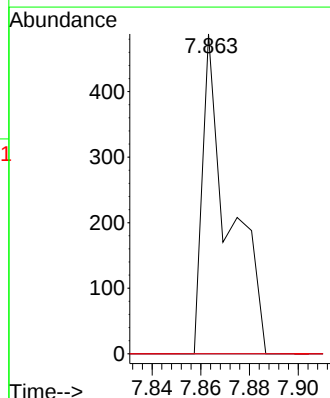
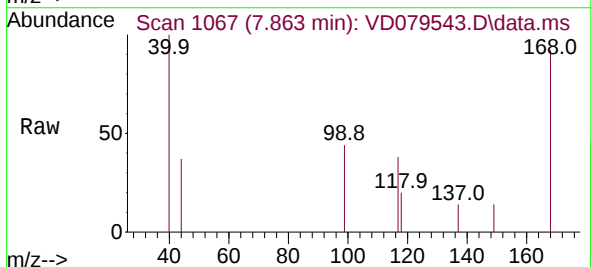
RT: 7.863 min Scan# 1067

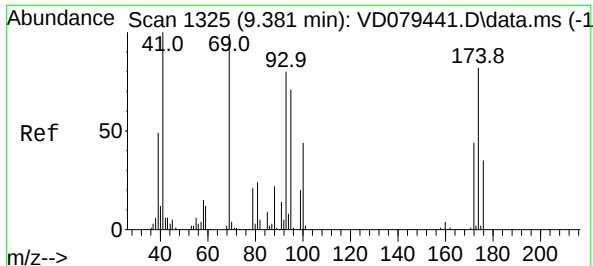
Delta R.T. -0.124 min

Lab File: VD079543.D

Acq: 02 Aug 2024 15:37

Tgt Ion: 117	Resp: 372
Ion Ratio	Lower Upper
117	100
119	0.0 75.4 113.0#
121	0.0 25.0 37.4#

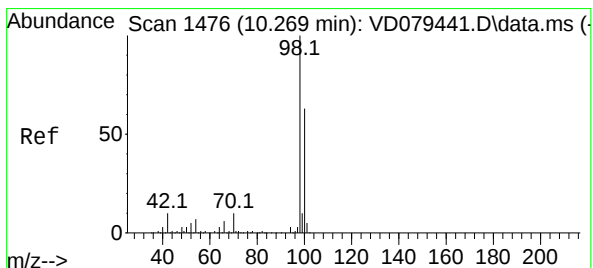
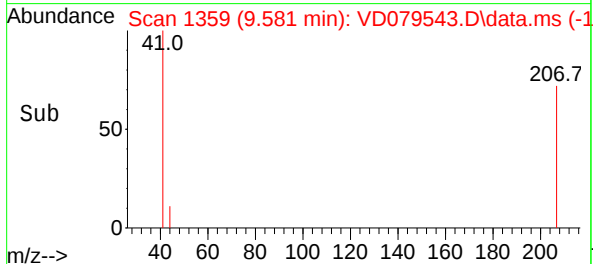
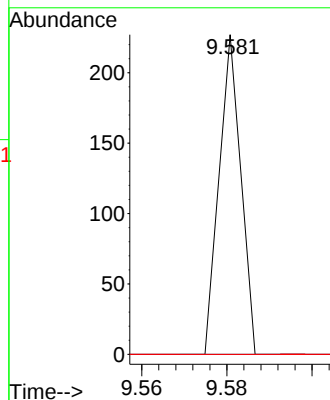
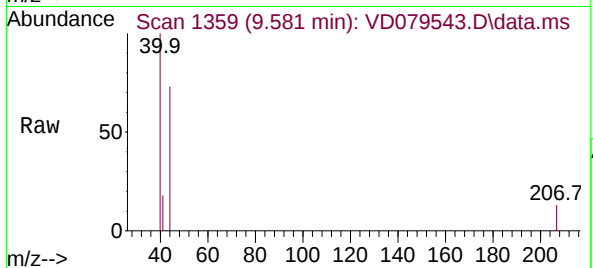




#48
Methyl methacrylate
Concen: 2.867 ug/l
RT: 9.581 min Scan# 1435
Delta R.T. 0.200 min
Lab File: VD079543.D
Acq: 02 Aug 2024 15:37

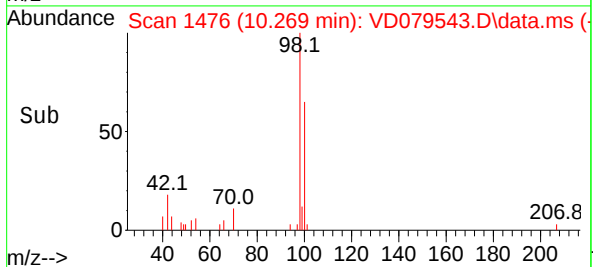
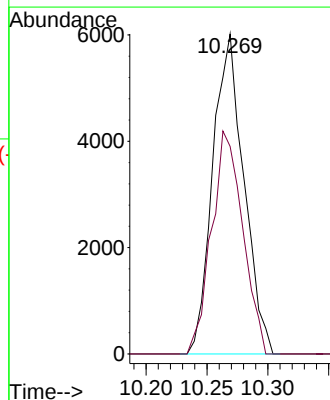
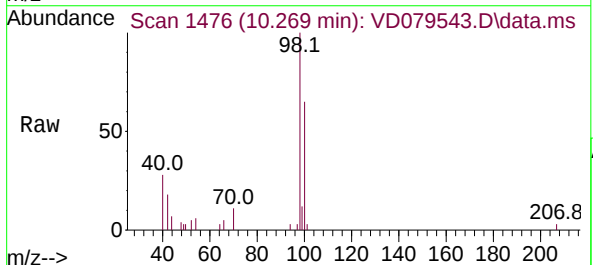
Instrument :
MSVOA_D
ClientSampleId :
EO-02-073124

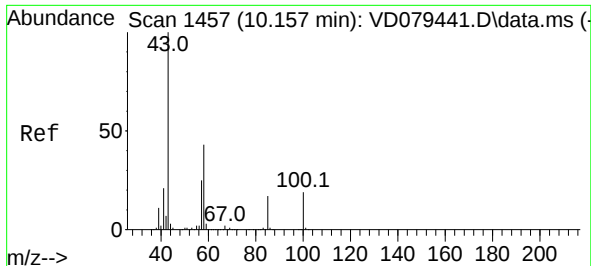
Tgt Ion: 41 Resp: 80
Ion Ratio Lower Upper
41 100
69 0.0 96.7 145.1#
39 0.0 43.8 65.6#



#50
Toluene-d8
Concen: 46.381 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VD079543.D
Acq: 02 Aug 2024 15:37

Tgt Ion: 98 Resp: 10678
Ion Ratio Lower Upper
98 100
100 69.9 51.6 77.4

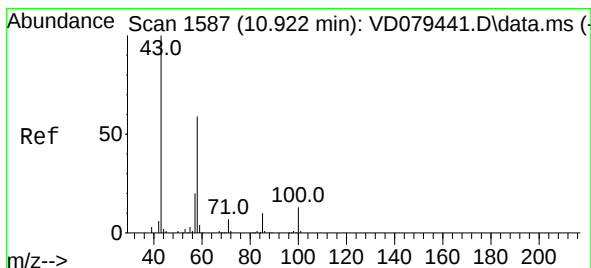
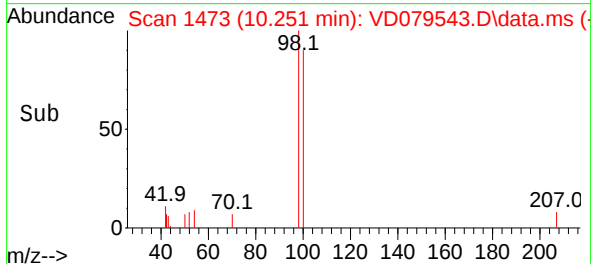
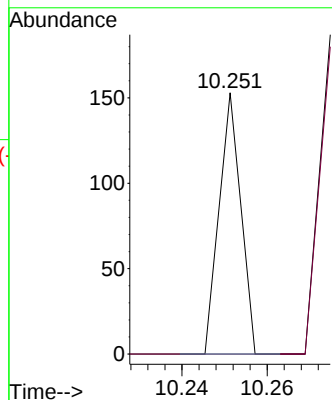
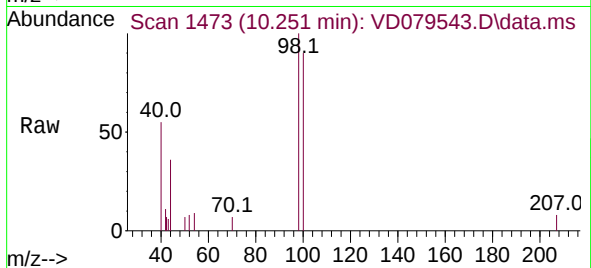




#51
4-Methyl-2-Pentanone
Concen: 1.696 ug/l
RT: 10.251 min Scan# 1457
Delta R.T. 0.094 min
Lab File: VD079543.D
Acq: 02 Aug 2024 15:37

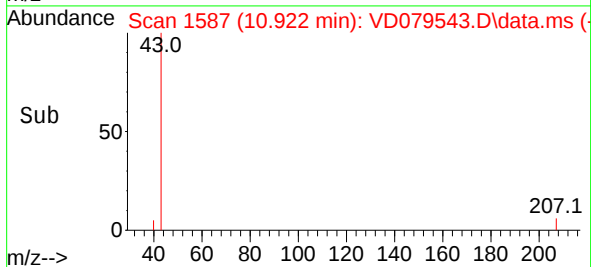
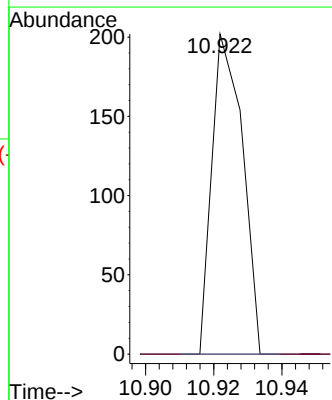
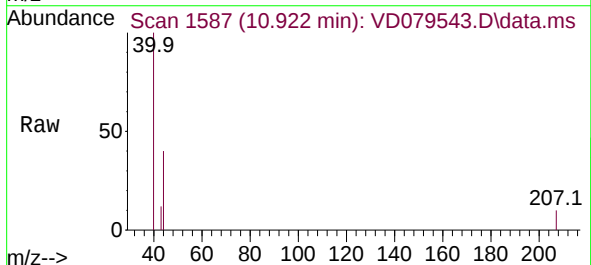
Instrument :
MSVOA_D
ClientSampleId :
EO-02-073124

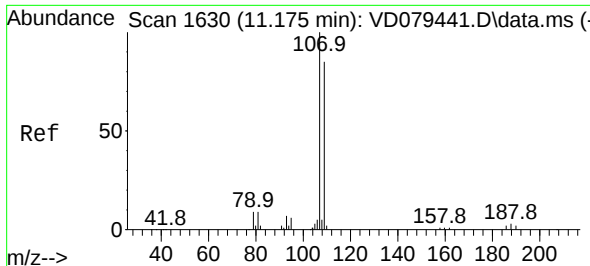
Tgt Ion: 43 Resp: 54
Ion Ratio Lower Upper
43 100
58 0.0 36.6 55.0#



#59
2-Hexanone
Concen: 5.675 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VD079543.D
Acq: 02 Aug 2024 15:37

Tgt Ion: 43 Resp: 126
Ion Ratio Lower Upper
43 100
58 0.0 31.1 93.5#





#61

1,2-Dibromoethane

Concen: 2.734 ug/l

RT: 11.181 min Scan# 1

Delta R.T. 0.006 min

Lab File: VD079543.D

Acq: 02 Aug 2024 15:37

Instrument :

MSVOA_D

ClientSampleId :

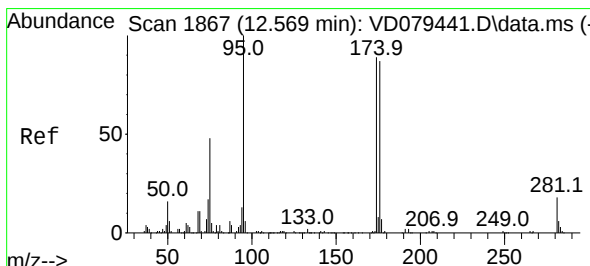
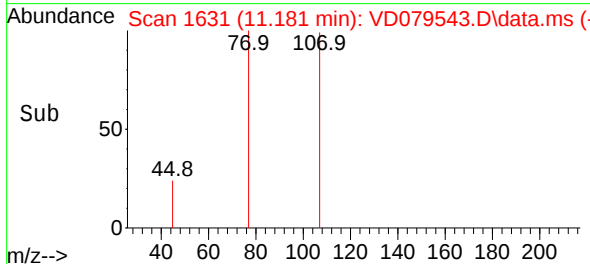
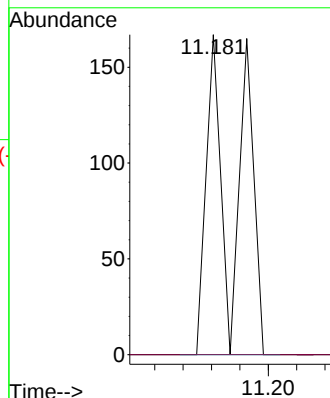
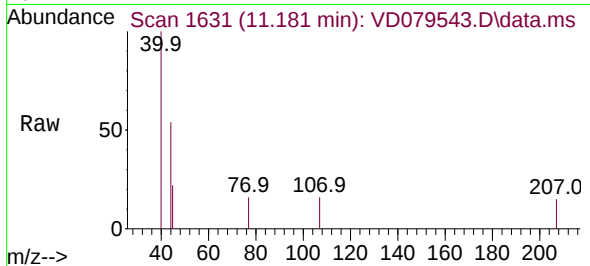
EO-02-073124

Tgt Ion:107 Resp: 117

Ion Ratio Lower Upper

107 100

109 0.0 72.0 108.0#



#62

4-Bromofluorobenzene

Concen: 49.983 ug/l

RT: 12.569 min Scan# 1867

Delta R.T. -0.000 min

Lab File: VD079543.D

Acq: 02 Aug 2024 15:37

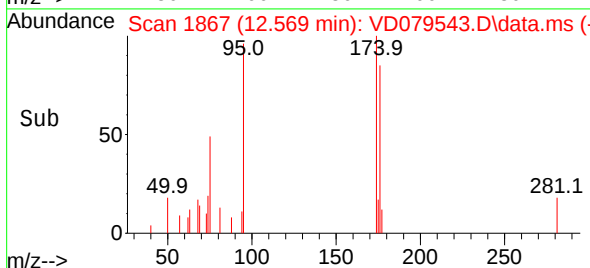
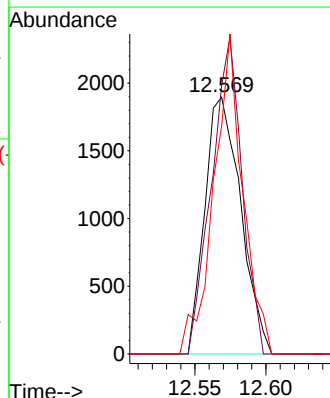
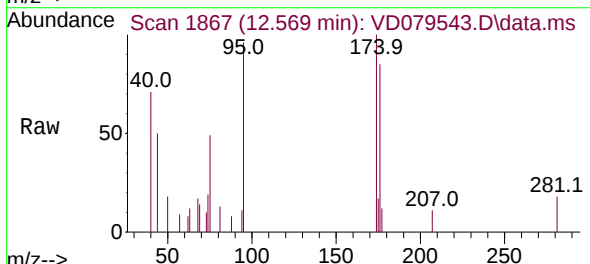
Tgt Ion: 95 Resp: 3330

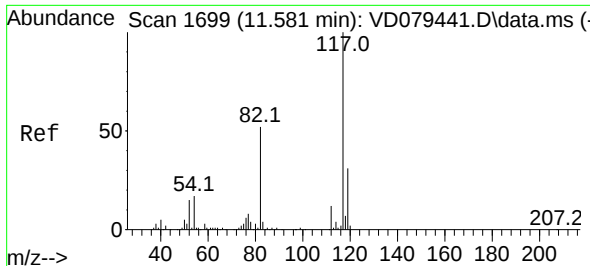
Ion Ratio Lower Upper

95 100

174 104.7 0.0 195.4

176 100.8 0.0 192.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.586 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD079543.D

Acq: 02 Aug 2024 15:37

Instrument :

MSVOA_D

ClientSampleId :

EO-02-073124

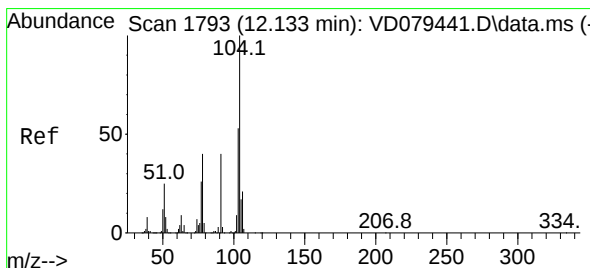
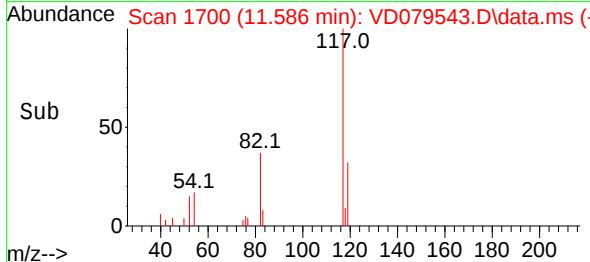
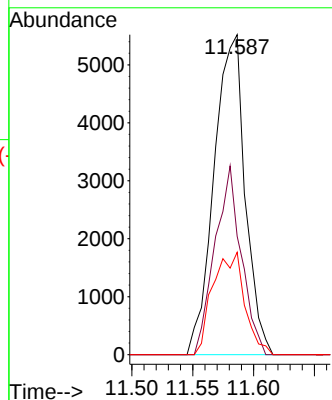
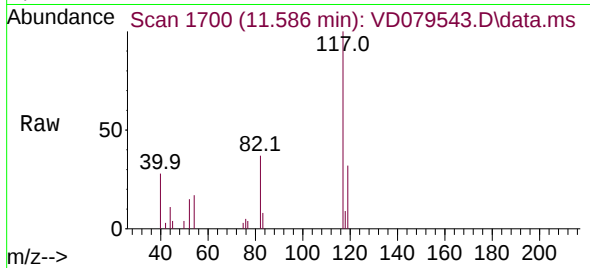
Tgt Ion:117 Resp: 9818

Ion Ratio Lower Upper

117 100

82 37.0 39.8 59.6#

119 32.0 25.7 38.5



#70

Styrene

Concen: 1.384 ug/l

RT: 12.139 min Scan# 1794

Delta R.T. 0.006 min

Lab File: VD079543.D

Acq: 02 Aug 2024 15:37

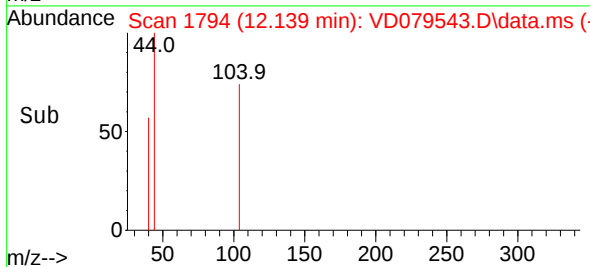
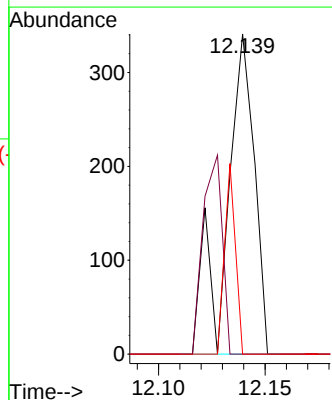
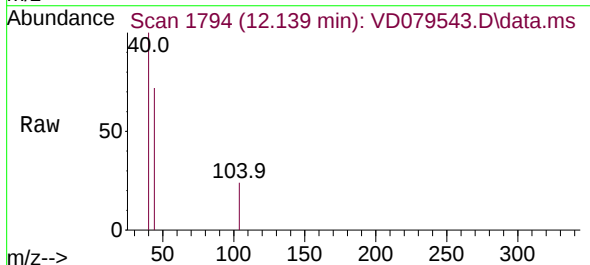
Tgt Ion:104 Resp: 314

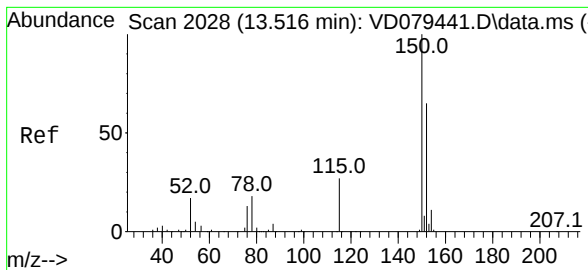
Ion Ratio Lower Upper

104 100

78 42.7 33.0 49.6

103 22.9 44.2 66.4#

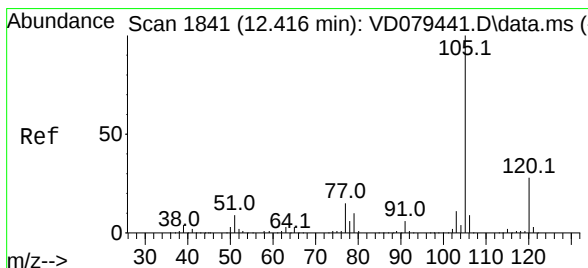
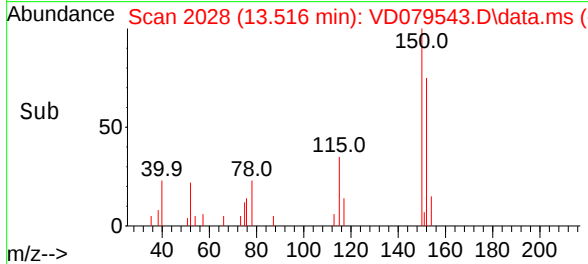
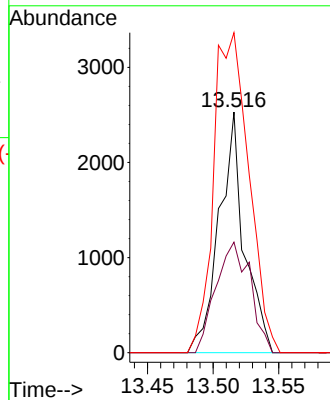
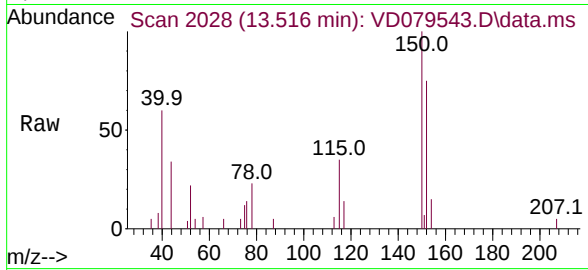




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.006 min
Lab File: VD079543.D
Acq: 02 Aug 2024 15:37

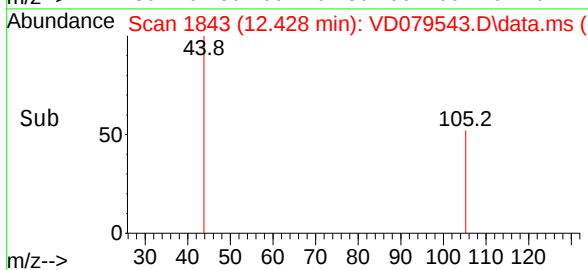
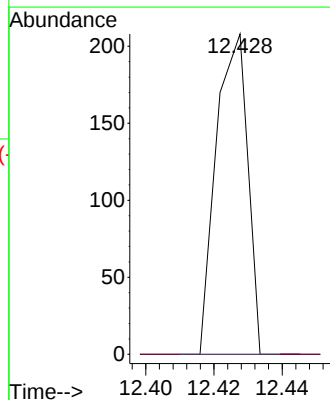
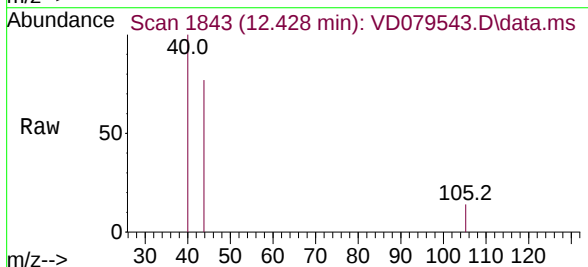
Instrument :
MSVOA_D
ClientSampleId :
EO-02-073124

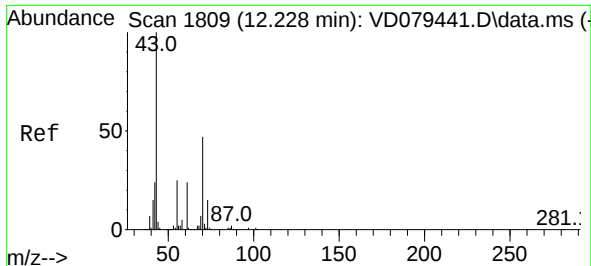
Tgt Ion:152 Resp: 3388
Ion Ratio Lower Upper
152 100
115 62.4 26.5 79.5
150 185.3 0.0 341.6



#73
Isopropylbenzene
Concen: 4.114 ug/l
RT: 12.428 min Scan# 1843
Delta R.T. 0.012 min
Lab File: VD079543.D
Acq: 02 Aug 2024 15:37

Tgt Ion:105 Resp: 133
Ion Ratio Lower Upper
105 100
120 0.0 13.6 40.7#

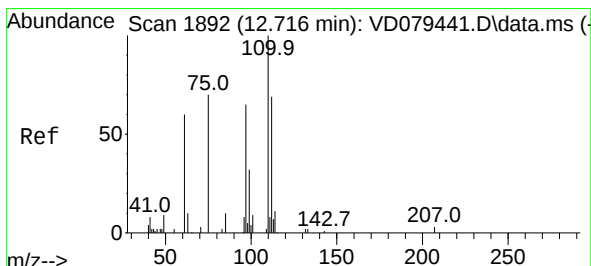
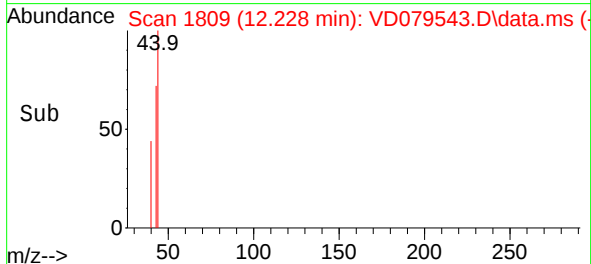
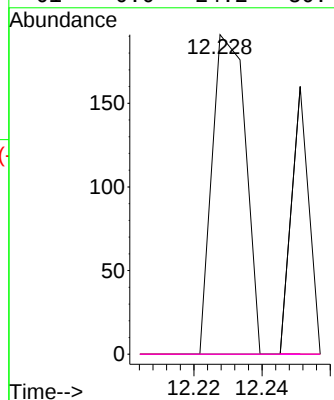
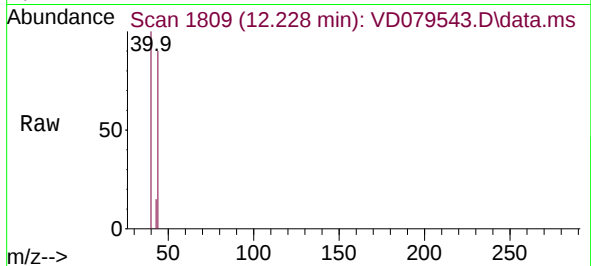




#74
N-ethyl acetate
Concen: 2.609 ug/l
RT: 12.228 min Scan# 1809
Delta R.T. -0.006 min
Lab File: VD079543.D
Acq: 02 Aug 2024 15:37

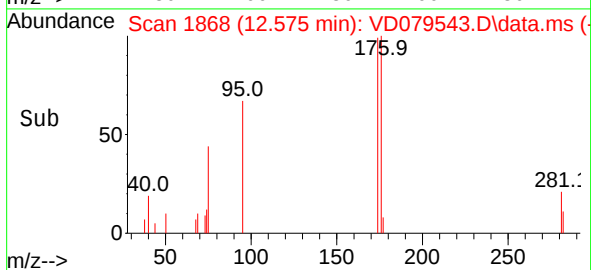
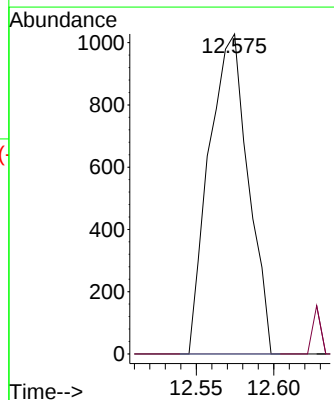
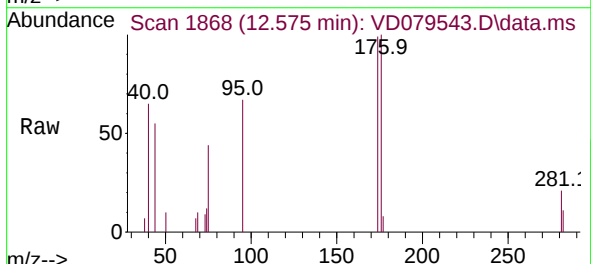
Instrument :
MSVOA_D
ClientSampleId :
EO-02-073124

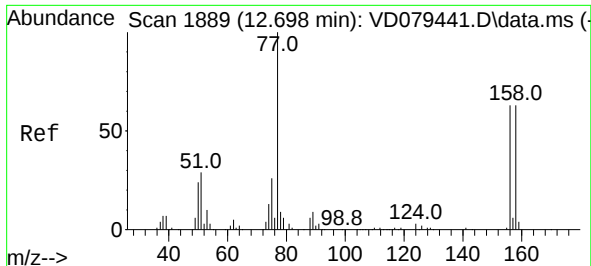
Tgt Ion: 43	Resp:	130
Ion Ratio	Lower	Upper
43	100	
70	0.0	44.3 66.5#
55	0.0	23.2 34.8#
61	0.0	24.2 36.4#



#76
1,2,3-Trichloropropane
Concen: 61.051 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.147 min
Lab File: VD079543.D
Acq: 02 Aug 2024 15:37

Tgt Ion: 75	Resp:	1808
Ion Ratio	Lower	Upper
75	100	
77	0.0	0.0 0.0





#77

Bromobenzene

Concen: 1.373 ug/l

RT: 12.710 min Scan# 1891

Delta R.T. 0.012 min

Lab File: VD079543.D

Acq: 02 Aug 2024 15:37

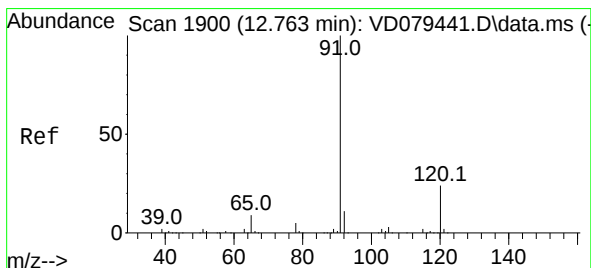
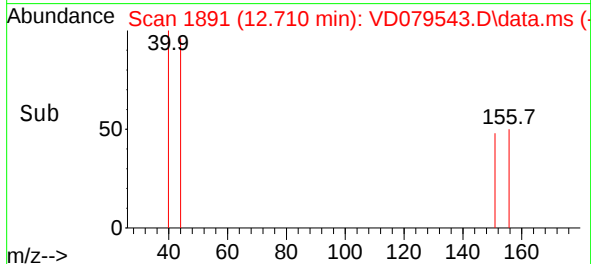
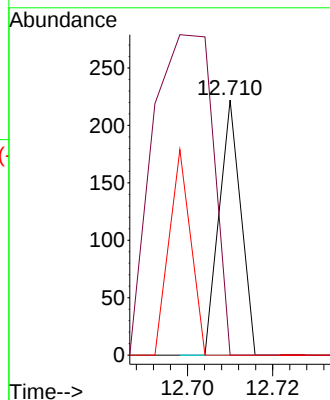
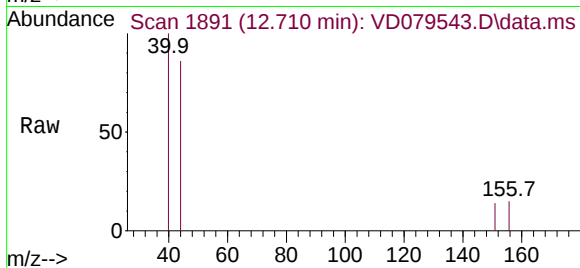
Instrument :

MSVOA_D

ClientSampleId :

EO-02-073124

Tgt Ion:	156	Resp:	78
Ion Ratio	Lower	Upper	
156	100		
77	351.3	77.3	231.9#
158	80.8	49.6	149.0



#78

n-propylbenzene

Concen: 1.246 ug/l

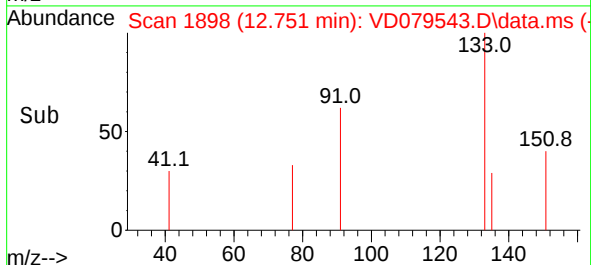
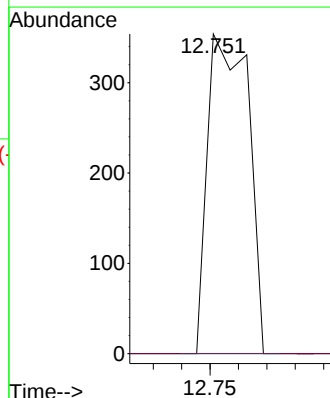
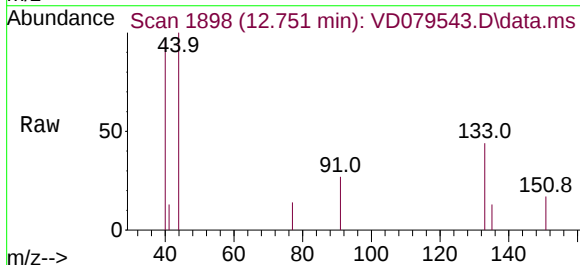
RT: 12.751 min Scan# 1898

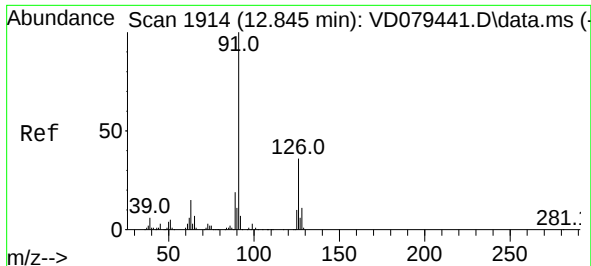
Delta R.T. -0.006 min

Lab File: VD079543.D

Acq: 02 Aug 2024 15:37

Tgt Ion:	91	Resp:	353
Ion Ratio	Lower	Upper	
91	100		
120	0.0	12.3	36.8#





#79

2-Chlorotoluene

Concen: 1.484 ug/l

RT: 12.851 min Scan# 1915

Delta R.T. 0.006 min

Lab File: VD079543.D

Acq: 02 Aug 2024 15:37

Instrument :

MSVOA_D

ClientSampleId :

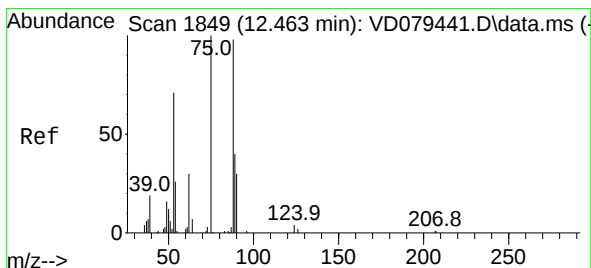
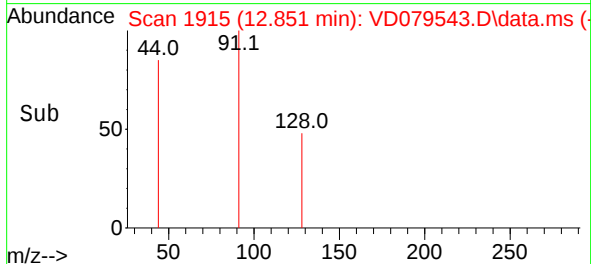
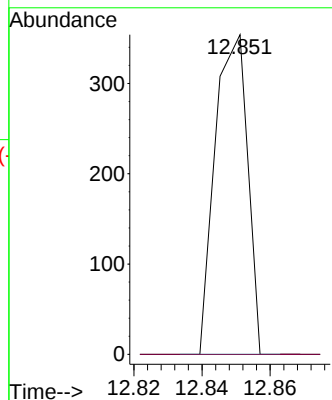
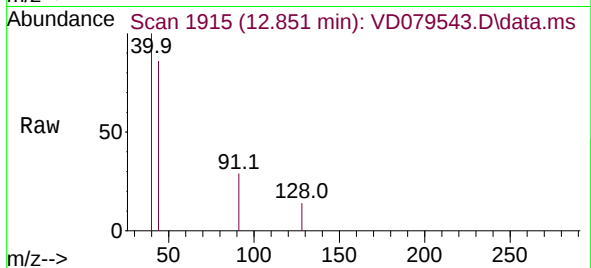
EO-02-073124

Tgt Ion: 91 Resp: 234

Ion Ratio Lower Upper

91 100

126 0.0 19.3 57.8#



#81

trans-1,4-Dichloro-2-butene

Concen: 116.441 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. 0.106 min

Lab File: VD079543.D

Acq: 02 Aug 2024 15:37

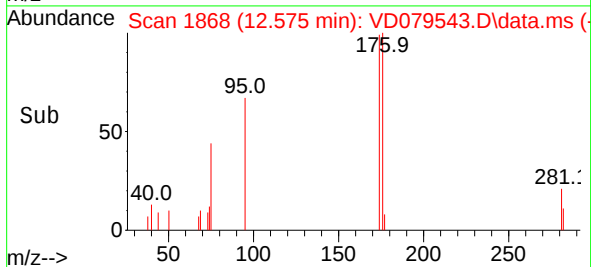
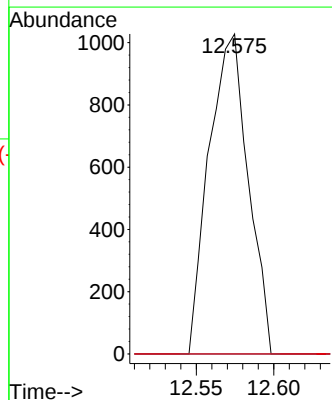
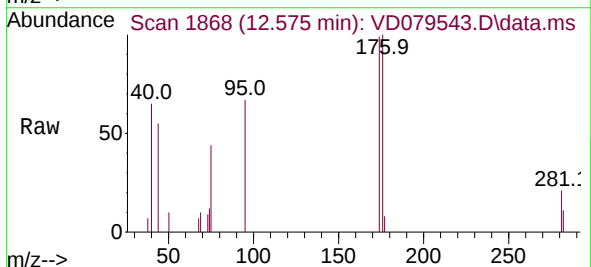
Tgt Ion: 75 Resp: 1808

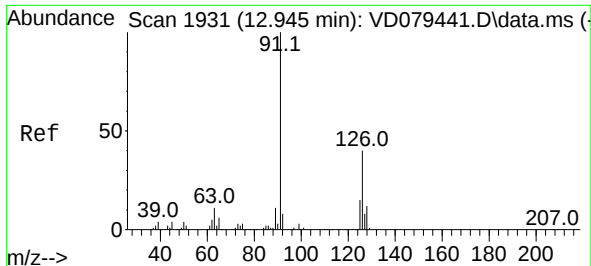
Ion Ratio Lower Upper

75 100

53 0.0 61.4 92.2#

89 0.0 35.4 53.0#





#82

4-Chlorotoluene

Concen: 4.027 ug/l

RT: 12.945 min Scan# 1931

Delta R.T. -0.000 min

Lab File: VD079543.D

Acq: 02 Aug 2024 15:37

Instrument :

MSVOA_D

ClientSampleId :

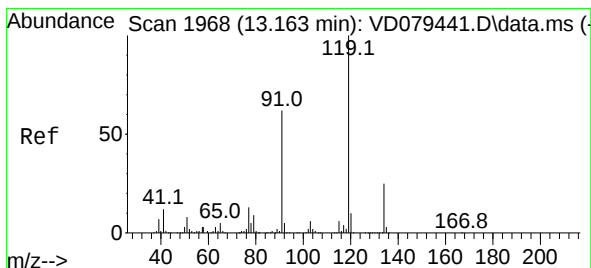
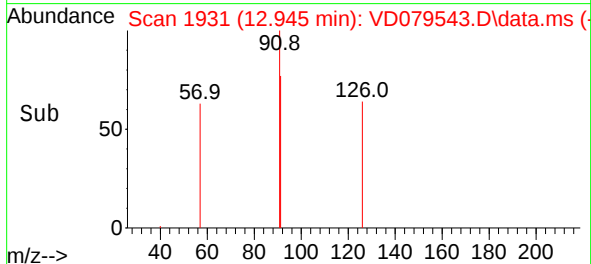
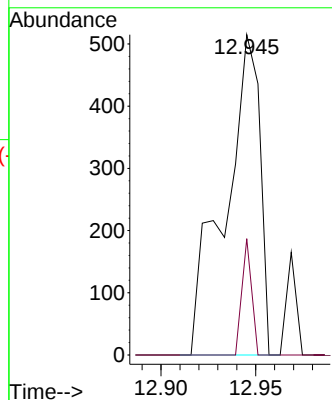
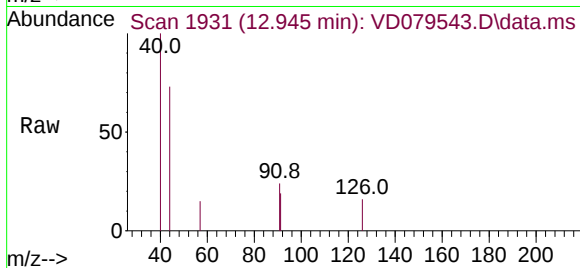
EO-02-073124

Tgt Ion: 91 Resp: 662

Ion Ratio Lower Upper

91 100

126 10.0 18.9 56.9#



#83

tert-Butylbenzene

Concen: 4.597 ug/l

RT: 13.163 min Scan# 1968

Delta R.T. -0.000 min

Lab File: VD079543.D

Acq: 02 Aug 2024 15:37

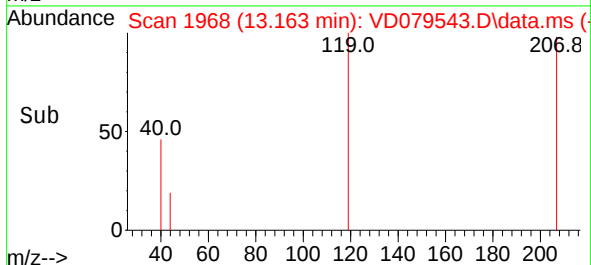
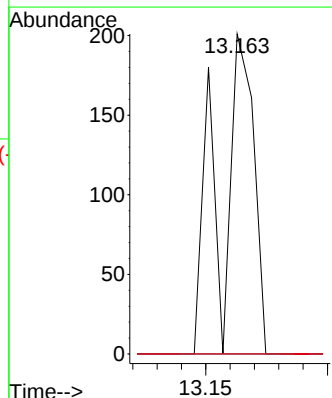
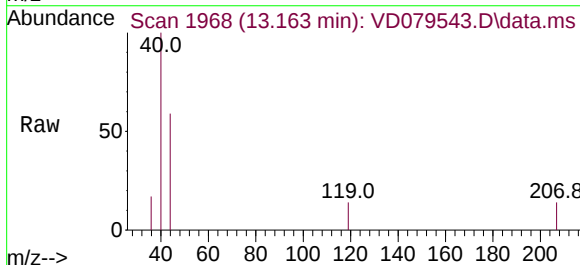
Tgt Ion: 119 Resp: 191

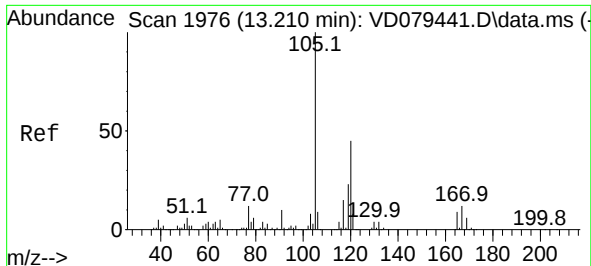
Ion Ratio Lower Upper

119 100

91 0.0 28.2 84.7#

134 0.0 13.4 40.1#





#84

1,2,4-Trimethylbenzene

Concen: 4.034 ug/l

RT: 13.204 min Scan# 1976

Delta R.T. 0.000 min

Lab File: VD079543.D

Acq: 02 Aug 2024 15:37

Instrument :

MSVOA_D

ClientSampleId :

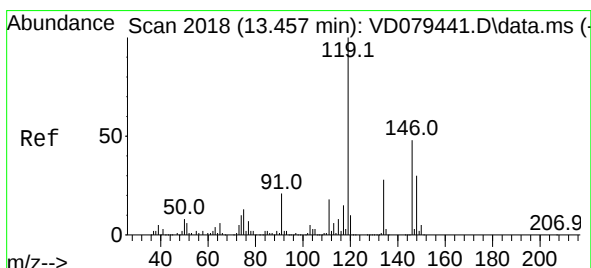
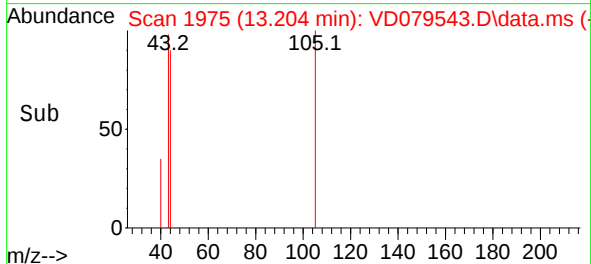
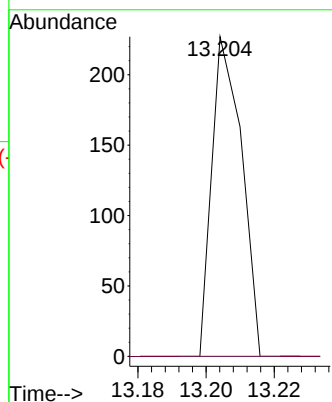
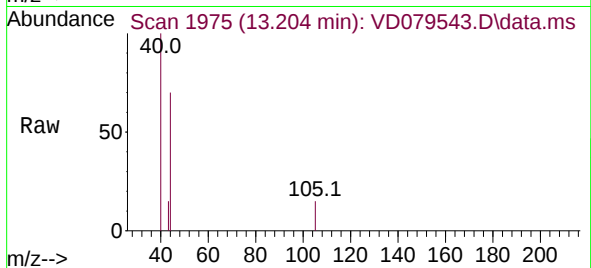
EO-02-073124

Tgt Ion:105 Resp: 138

Ion Ratio Lower Upper

105 100

120 0.0 23.6 71.0#



#86

p-Isopropyltoluene

Concen: 4.511 ug/l

RT: 13.457 min Scan# 1818

Delta R.T. 0.000 min

Lab File: VD079543.D

Acq: 02 Aug 2024 15:37

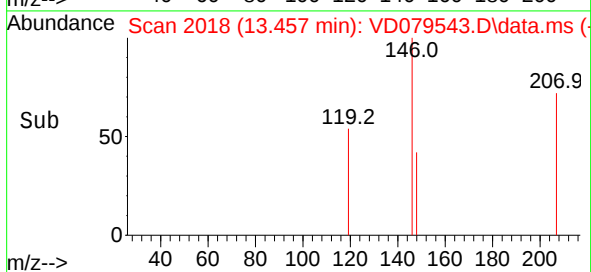
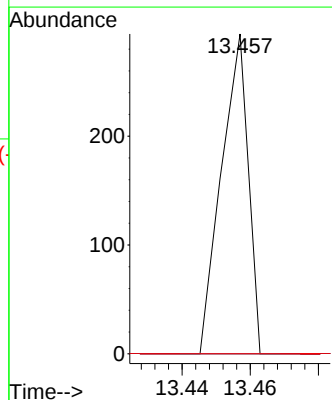
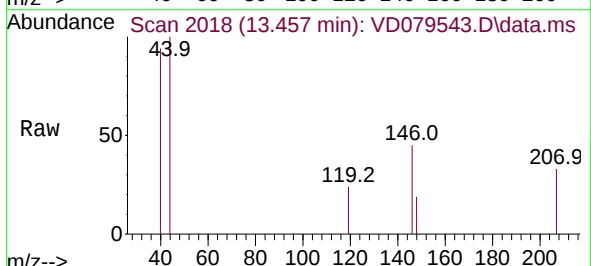
Tgt Ion:119 Resp: 161

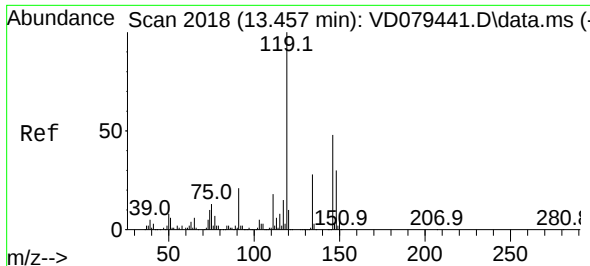
Ion Ratio Lower Upper

119 100

134 0.0 13.7 41.1#

91 0.0 10.7 32.1#





#87

1,3-Dichlorobenzene

Concen: 4.691 ug/l

RT: 13.539 min Scan# 2018

Delta R.T. 0.088 min

Lab File: VD079543.D

Acq: 02 Aug 2024 15:37

Instrument :

MSVOA_D

ClientSampleId :

EO-02-073124

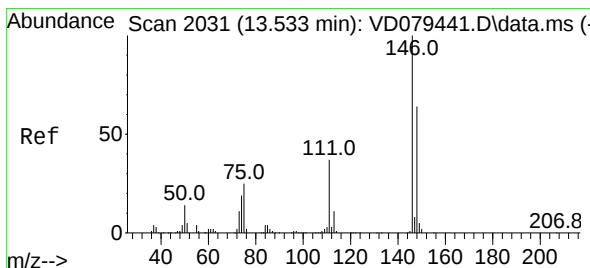
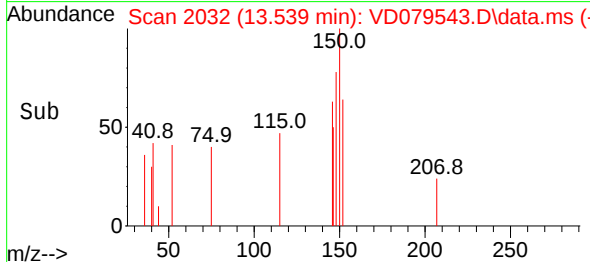
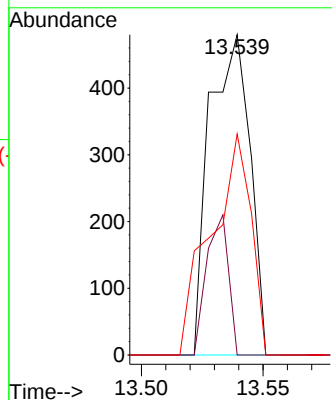
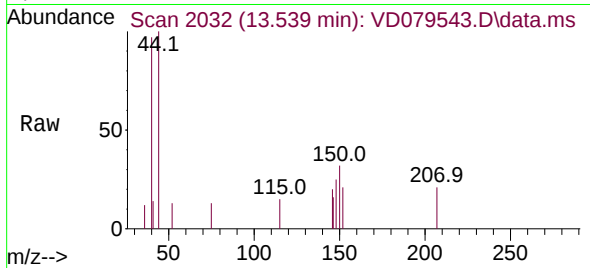
Tgt Ion:146 Resp: 552

Ion Ratio Lower Upper

146 100

111 23.7 18.5 55.5

148 68.3 30.9 92.8



#88

1,4-Dichlorobenzene

Concen: 4.771 ug/l

RT: 13.539 min Scan# 2032

Delta R.T. 0.006 min

Lab File: VD079543.D

Acq: 02 Aug 2024 15:37

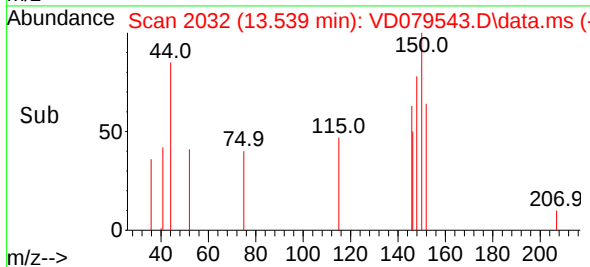
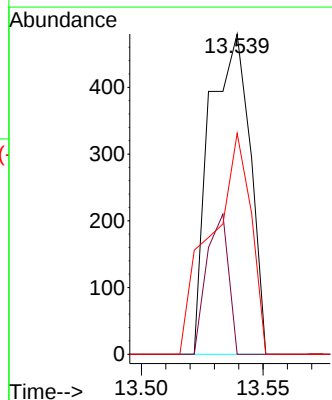
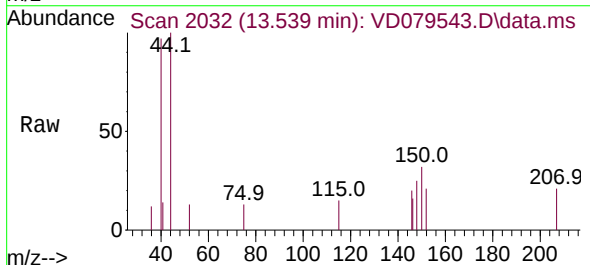
Tgt Ion:146 Resp: 552

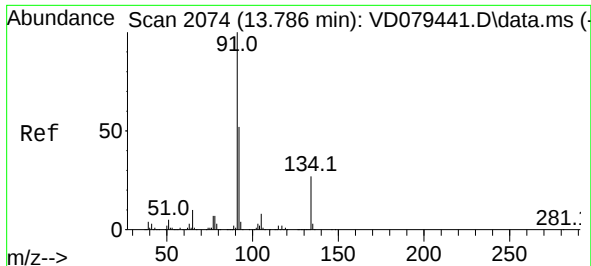
Ion Ratio Lower Upper

146 100

111 23.7 17.5 52.6

148 68.3 31.4 94.2





#89

n-Butylbenzene

Concen: 5.813 ug/l

RT: 13.786 min Scan# 2074

Delta R.T. 0.005 min

Lab File: VD079543.D

Acq: 02 Aug 2024 15:37

Instrument :

MSVOA_D

ClientSampleId :

EO-02-073124

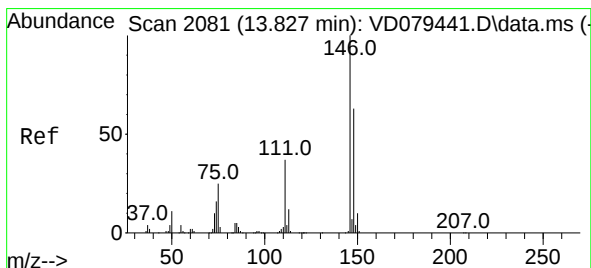
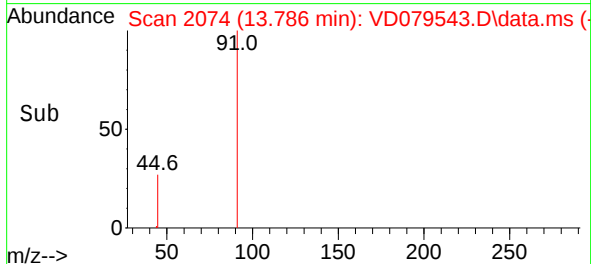
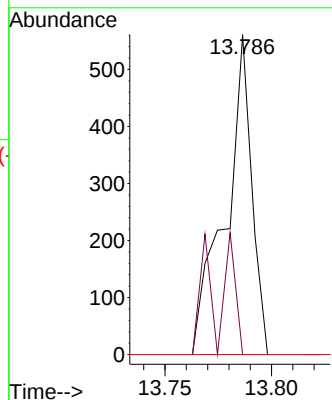
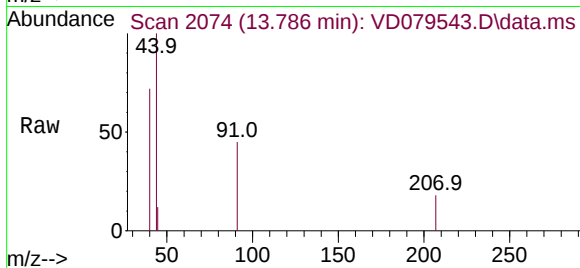
Tgt Ion: 91 Resp: 482

Ion Ratio Lower Upper

91 100

92 31.1 25.7 77.0

134 0.0 13.6 40.8#



#91

1,2-Dichlorobenzene

Concen: 4.067 ug/l

RT: 13.839 min Scan# 2083

Delta R.T. 0.012 min

Lab File: VD079543.D

Acq: 02 Aug 2024 15:37

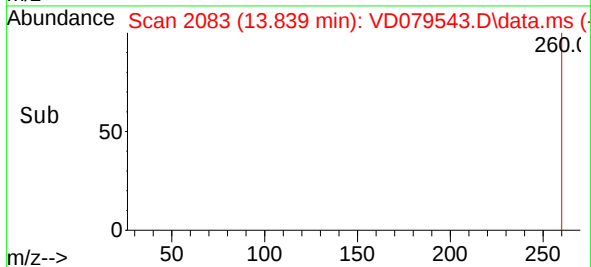
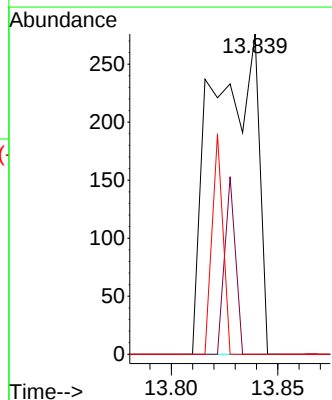
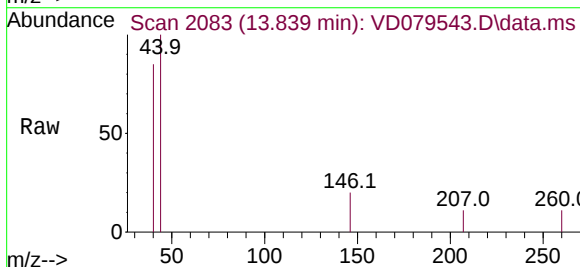
Tgt Ion: 146 Resp: 409

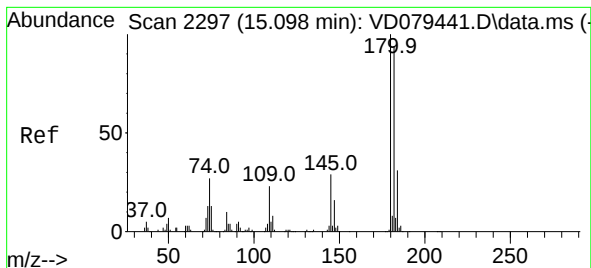
Ion Ratio Lower Upper

146 100

111 13.2 19.1 57.1#

148 16.4 31.1 93.5#





#93

1,2,4-Trichlorobenzene

Concen: 9.027 ug/l

RT: 15.104 min Scan# 2297

Delta R.T. 0.012 min

Lab File: VD079543.D

Acq: 02 Aug 2024 15:37

Instrument :

MSVOA_D

ClientSampleId :

EO-02-073124

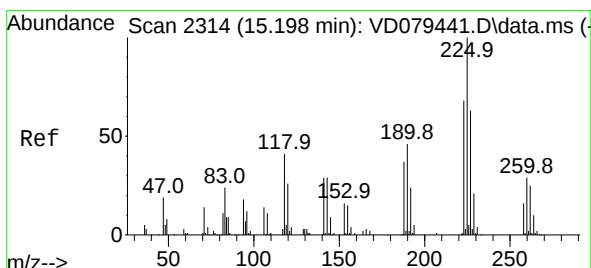
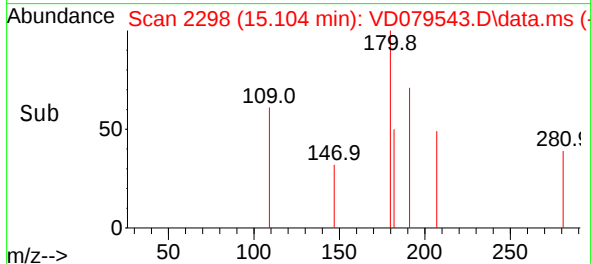
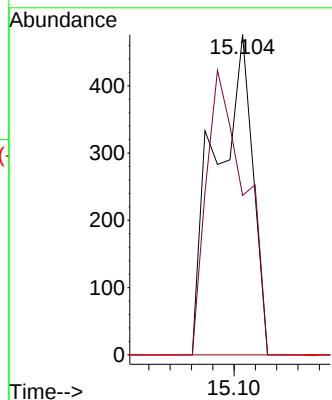
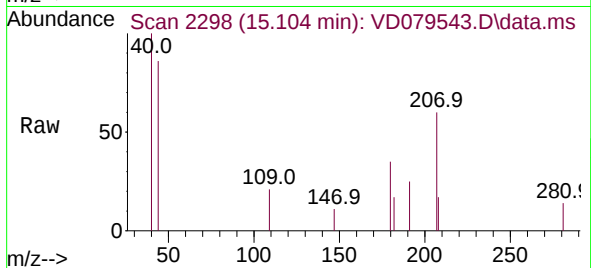
Tgt Ion:180 Resp: 572

Ion Ratio Lower Upper

180 100

182 92.3 46.9 140.7

145 0.0 14.0 41.9#



#94

Hexachlorobutadiene

Concen: 1.608 ug/l

RT: 15.198 min Scan# 2314

Delta R.T. -0.000 min

Lab File: VD079543.D

Acq: 02 Aug 2024 15:37

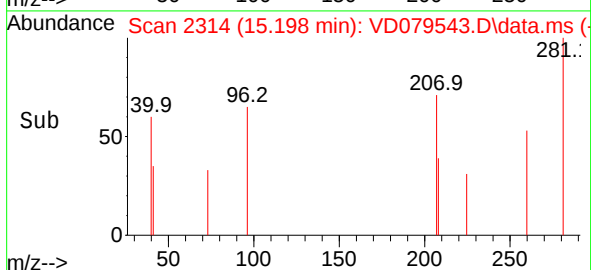
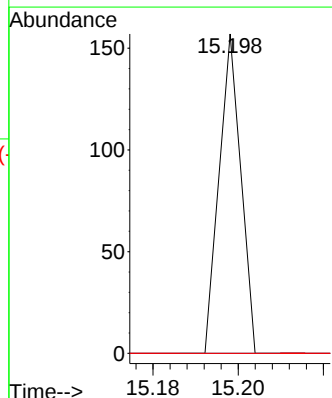
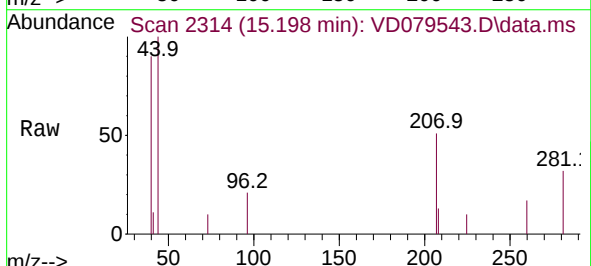
Tgt Ion:225 Resp: 55

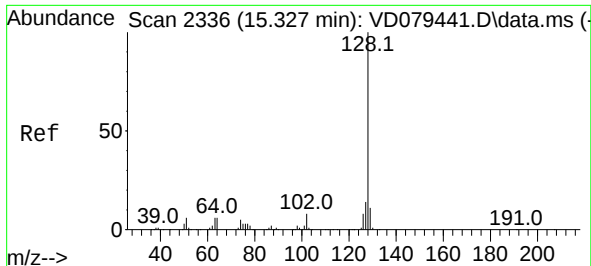
Ion Ratio Lower Upper

225 100

223 0.0 33.3 99.9#

227 0.0 33.6 100.6#

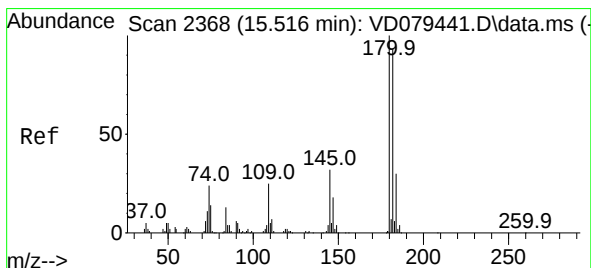
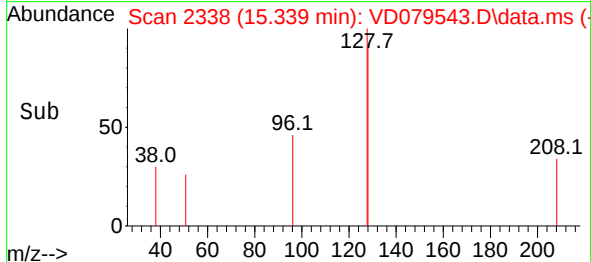
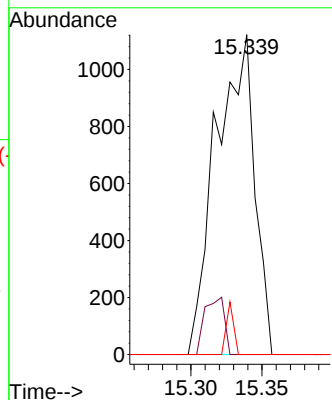
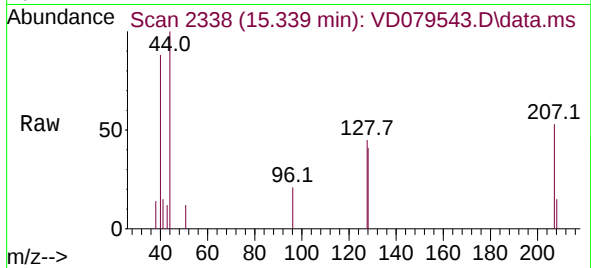




#95
Naphthalene
Concen: 19.266 ug/l
RT: 15.339 min Scan# 2338
Delta R.T. 0.011 min
Lab File: VD079543.D
Acq: 02 Aug 2024 15:37

Instrument :
MSVOA_D
ClientSampleId :
EO-02-073124

Tgt Ion:128 Resp: 2113
Ion Ratio Lower Upper
128 100
127 52.5 10.2 15.4#
129 0.0 8.5 12.7#



#96
1,2,3-Trichlorobenzene
Concen: 11.213 ug/l
RT: 15.510 min Scan# 2367
Delta R.T. -0.012 min
Lab File: VD079543.D
Acq: 02 Aug 2024 15:37

Tgt Ion:180 Resp: 625
Ion Ratio Lower Upper
180 100
182 112.0 47.8 143.3
145 0.0 16.1 48.2#

