

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD073124\
 Data File : VD079520.D
 Acq On : 01 Aug 2024 04:03
 Operator : RP/MD
 Sample : P3374-18
 Misc : 7.41G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 S-863-K2-SO-12.75-13.25-072024

Quant Time: Aug 01 04:49:28 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	7.875	168	91017	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	145073	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	99183	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	27592	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	72233	78.120	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 156.240%			
35) Dibromofluoromethane	7.811	113	70621	71.921	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 143.840%			
50) Toluene-d8	10.269	98	153652	40.295	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 80.600%			
62) 4-Bromofluorobenzene	12.569	95	30176	27.347	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 54.700%			
Target Compounds						Qvalue
4) Vinyl Chloride	2.276	62	1871	1.198	ug/l	91
5) Bromomethane	2.693	94	103	Below Cal	#	78
11) Tert butyl alcohol	5.046	59	13105	309.155	ug/l #	89
12) 1,1-Dichloroethene	3.934	96	8626	8.771	ug/l	91
13) Acrolein	3.811	56	54	Below Cal	#	1
14) Allyl chloride	4.293	41	2622	2.019	ug/l #	54
16) Acetone	4.023	43	127776	711.061	ug/l	96
17) Carbon Disulfide	4.270	76	6626	2.041	ug/l	97
18) Methyl Acetate	4.564	43	6404	11.478	ug/l #	78
20) Methylene Chloride	4.799	84	81567	64.358	ug/l	89
21) trans-1,2-Dichloroethene	5.311	96	26431	23.925	ug/l	87
24) 1,1-Dichloroethane	6.117	63	23987	12.388	ug/l	97
25) 2-Butanone	7.087	43	40368	158.454	ug/l #	1
26) 2,2-Dichloropropane	7.064	77	12353	7.887	ug/l #	1
27) cis-1,2-Dichloroethene	7.075	96	6667392	5279.940	ug/l	99
29) Tetrahydrofuran	7.452	42	467	2.958	ug/l #	39
31) Cyclohexane	7.852	56	4582	2.984	ug/l #	32
36) 1,1-Dichloropropene	7.875	75	6990	5.216	ug/l #	48
37) Ethyl Acetate	7.175	43	3203	5.829	ug/l #	64
38) Carbon Tetrachloride	7.875	117	9337	6.627	ug/l #	20
39) Methylcyclohexane	9.269	83	3799	2.376	ug/l #	70
40) Benzene	8.240	78	6799	1.597	ug/l #	81
41) Methacrylonitrile	7.458	41	911	3.014	ug/l #	23
42) 1,2-Dichloroethane	8.334	62	2464	2.429	ug/l	79
43) Isopropyl Acetate	8.334	43	1694	1.640	ug/l #	63
44) Trichloroethene	9.028	130	102139	96.389	ug/l	90
51) 4-Methyl-2-Pentanone	10.163	43	801	1.519	ug/l #	64
53) t-1,3-Dichloropropene	10.652	75	1791	1.375	ug/l #	43
59) 2-Hexanone	11.022	43	1386	3.769	ug/l #	36
60) Dibromochloromethane	10.810	129	7795	7.888	ug/l #	11
64) Tetrachloroethene	10.810	164	8608	12.871	ug/l	90
73) Isopropylbenzene	12.575	105	1547	4.322	ug/l	81
76) 1,2,3-Trichloropropane	12.569	75	17689	73.343	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.569	75	17689	139.885	ug/l #	23
83) tert-Butylbenzene	12.916	119	57	3.663	ug/l #	31
84) 1,2,4-Trimethylbenzene	13.222	105	1376	4.170	ug/l #	49

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

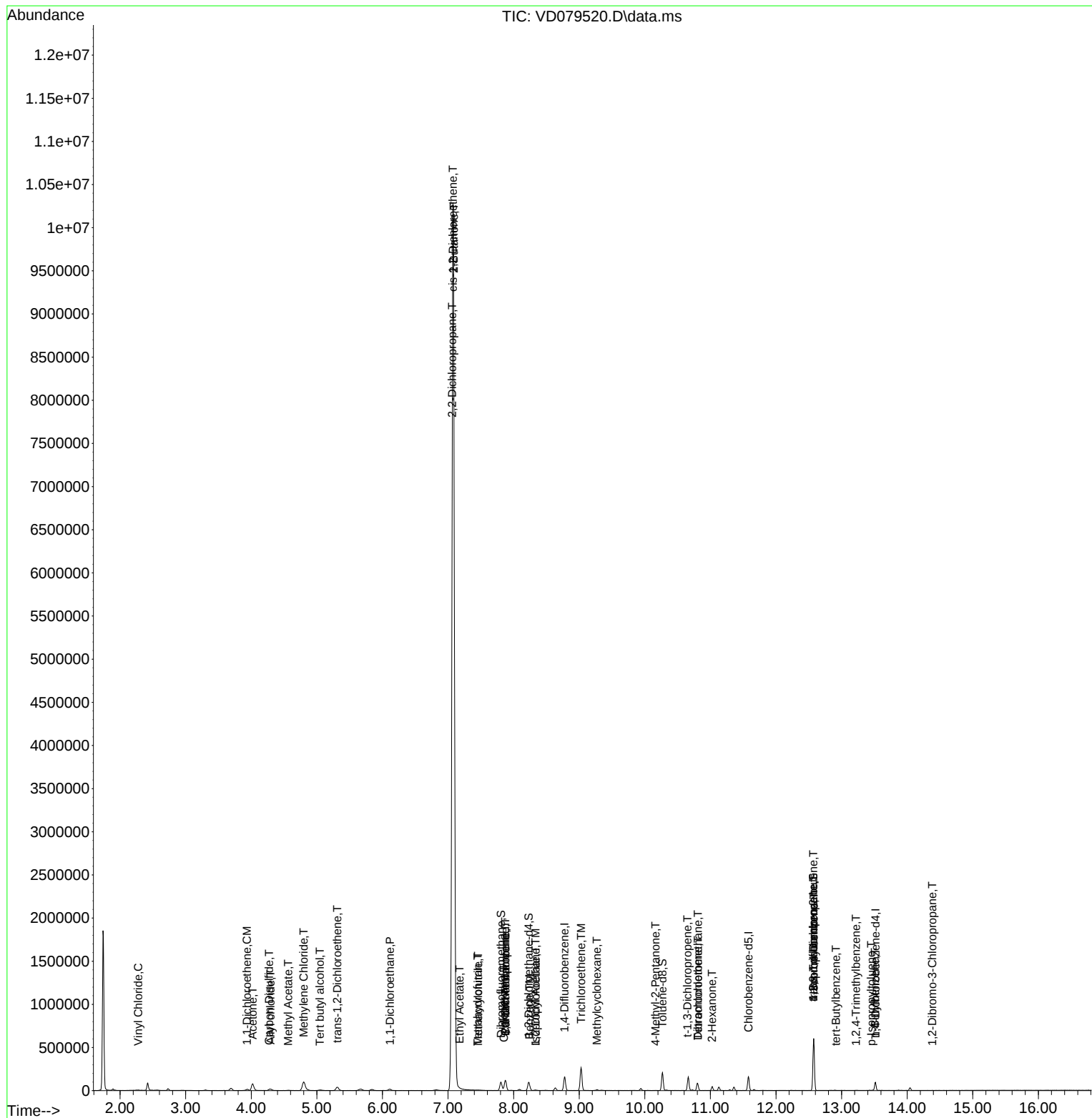
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
86) p-Isopropyltoluene	13.451	119	71	3.920	ug/l #	51
89) n-Butylbenzene	13.510	91	54	3.810	ug/l #	34
92) 1,2-Dibromo-3-Chloropr...	14.381	75	57	1.195	ug/l #	1

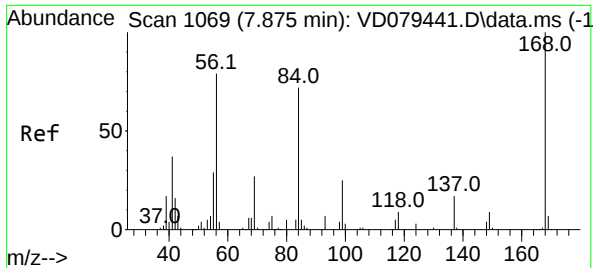
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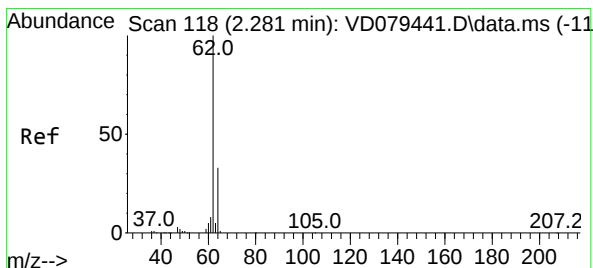
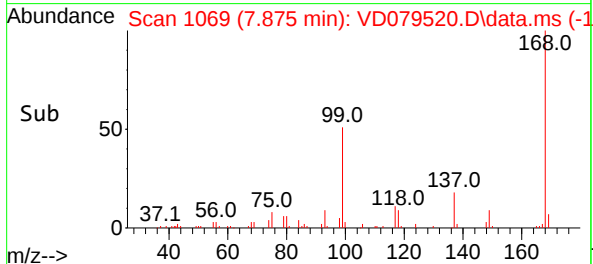
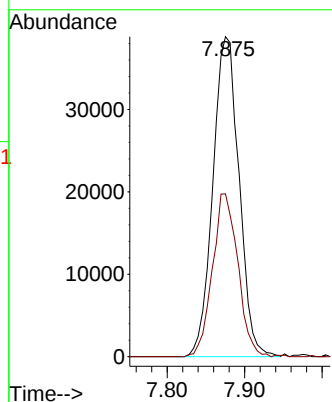
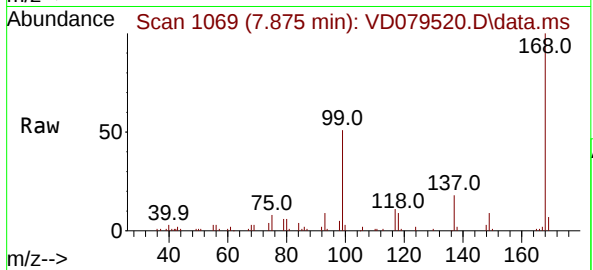




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD079520.D
Acq: 01 Aug 2024 04:03

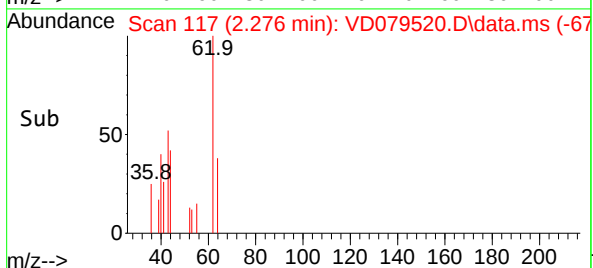
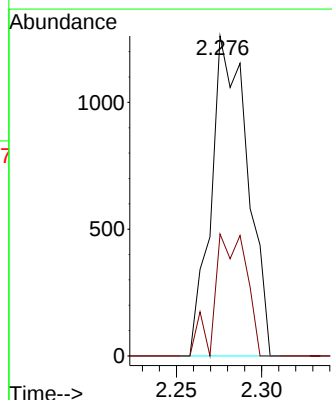
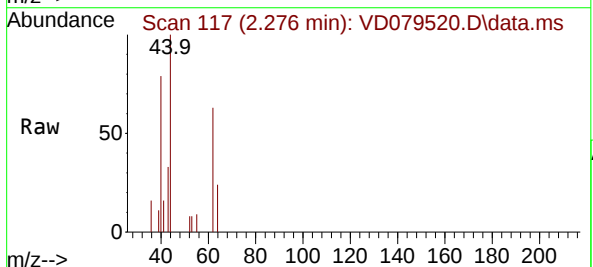
Instrument :
MSVOA_D
ClientSampleId :
S-863-K2-SO-12.75-13.25-072024

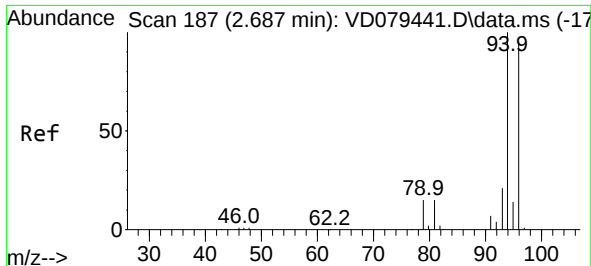
Tgt Ion:168 Resp: 91017
Ion Ratio Lower Upper
168 100
99 50.9 41.1 61.7



#4
Vinyl Chloride
Concen: 1.198 ug/l
RT: 2.276 min Scan# 117
Delta R.T. -0.006 min
Lab File: VD079520.D
Acq: 01 Aug 2024 04:03

Tgt Ion: 62 Resp: 1871
Ion Ratio Lower Upper
62 100
64 38.1 26.3 39.5

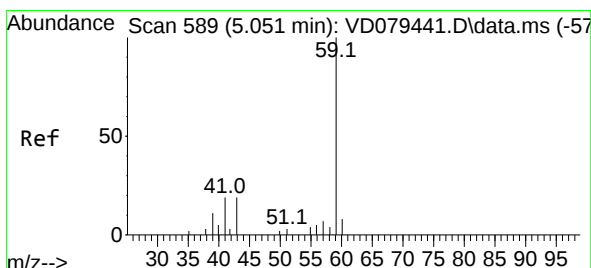
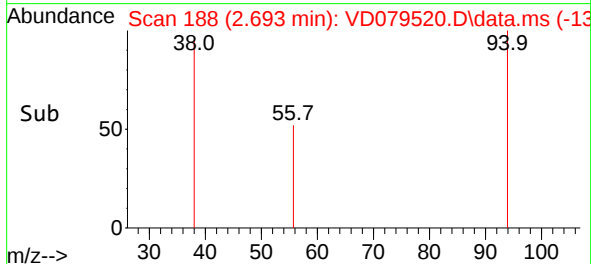
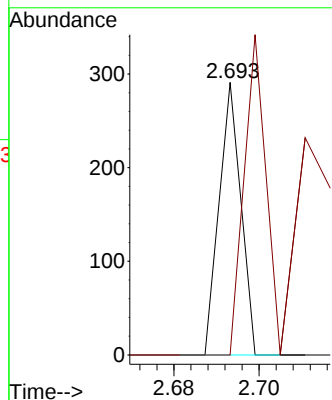
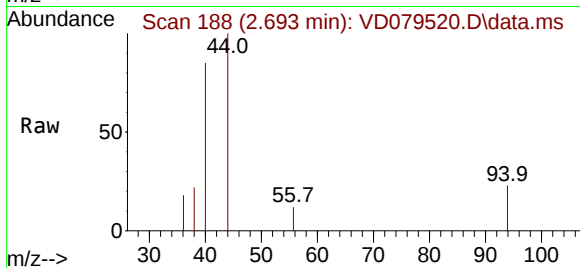




#5
Bromomethane
Concen: Below Cal
RT: 2.693 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD079520.D
Acq: 01 Aug 2024 04:03

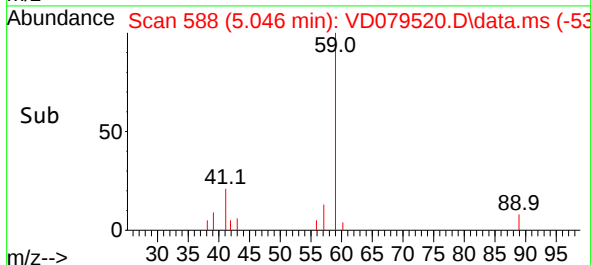
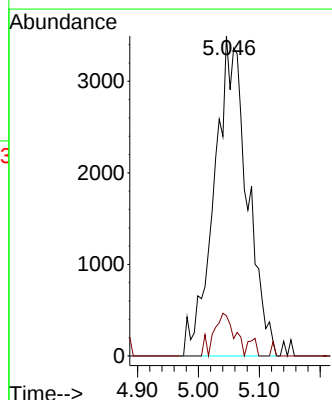
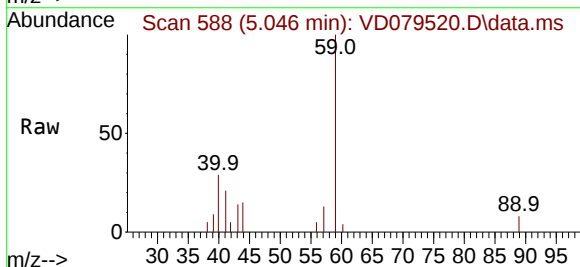
Instrument :
MSVOA_D
ClientSampleId :
S-863-K2-SO-12.75-13.25-072024

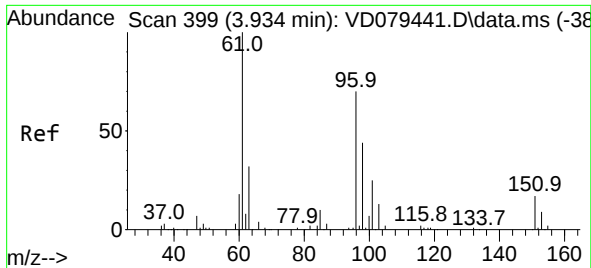
Tgt Ion: 94 Resp: 103
Ion Ratio Lower Upper
94 100
96 117.5 76.9 115.3#



#11
Tert butyl alcohol
Concen: 309.155 ug/l
RT: 5.046 min Scan# 588
Delta R.T. -0.000 min
Lab File: VD079520.D
Acq: 01 Aug 2024 04:03

Tgt Ion: 59 Resp: 13105
Ion Ratio Lower Upper
59 100
57 8.2 3.6 5.4#





#12

1,1-Dichloroethene

Concen: 8.771 ug/l

RT: 3.934 min Scan# 399

Delta R.T. 0.006 min

Lab File: VD079520.D

Acq: 01 Aug 2024 04:03

Instrument :

MSVOA_D

ClientSampleId :

S-863-K2-SO-12.75-13.25-072024

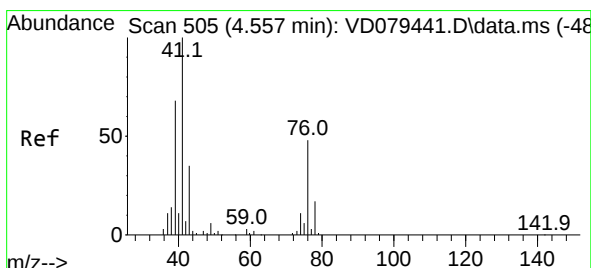
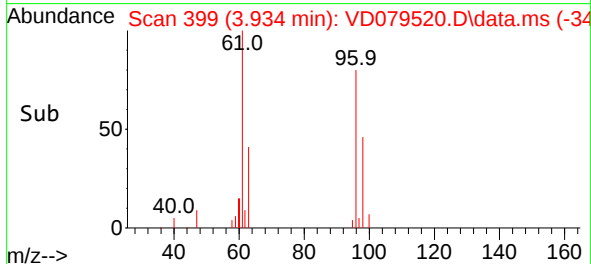
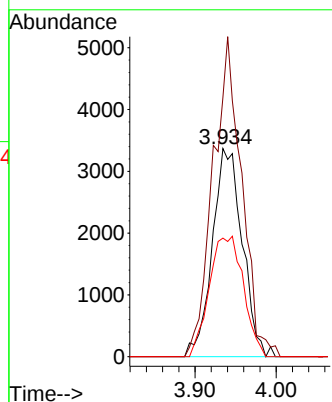
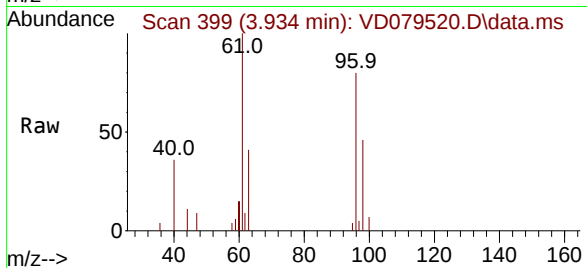
Tgt Ion: 96 Resp: 8626

Ion Ratio Lower Upper

96 100

61 124.7 107.3 160.9

98 57.0 51.7 77.5



#14

Allyl chloride

Concen: 2.019 ug/l

RT: 4.293 min Scan# 460

Delta R.T. -0.259 min

Lab File: VD079520.D

Acq: 01 Aug 2024 04:03

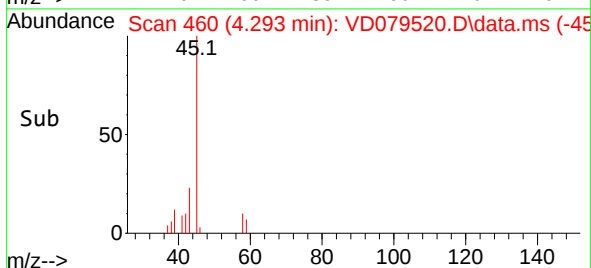
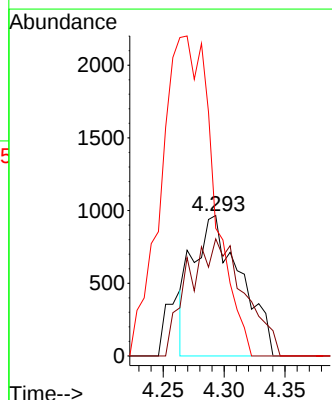
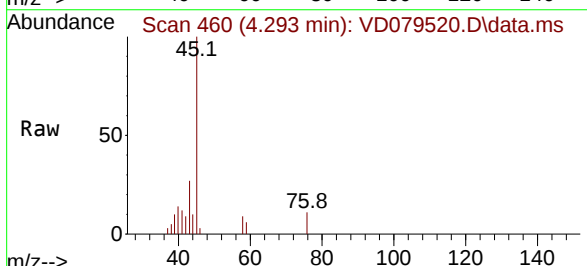
Tgt Ion: 41 Resp: 2622

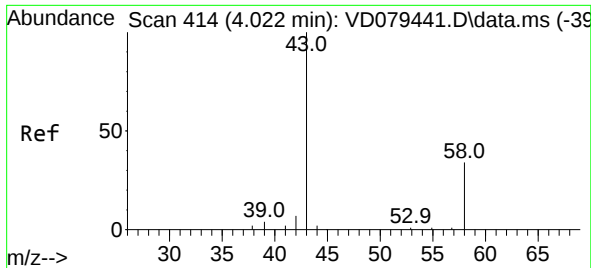
Ion Ratio Lower Upper

41 100

39 89.9 58.0 87.0#

76 0.0 45.9 68.9#

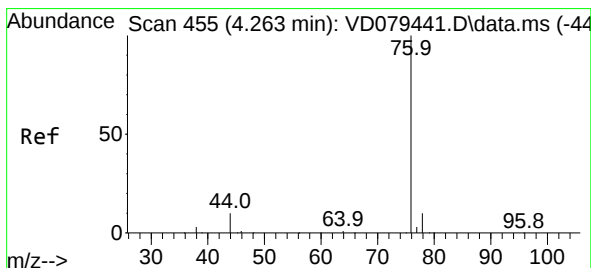
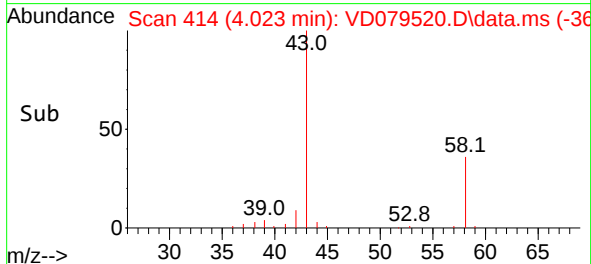
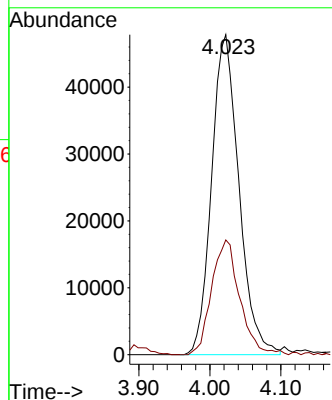
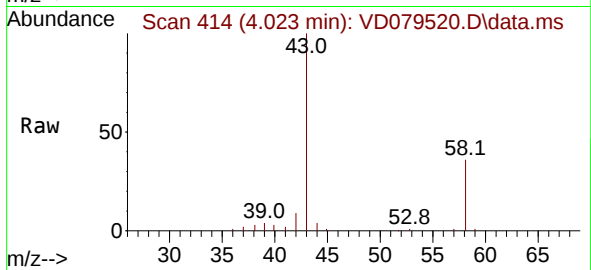




#16
Acetone
Concen: 711.061 ug/l
RT: 4.023 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD079520.D
Acq: 01 Aug 2024 04:03

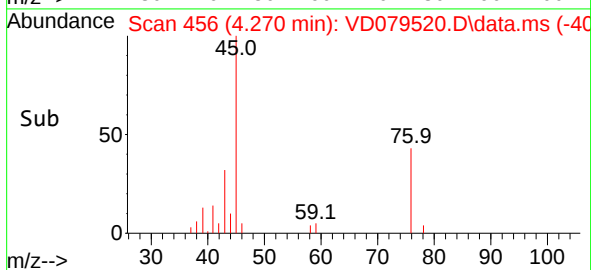
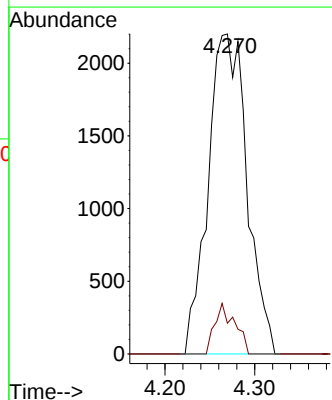
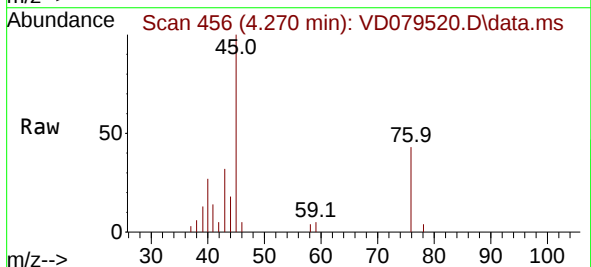
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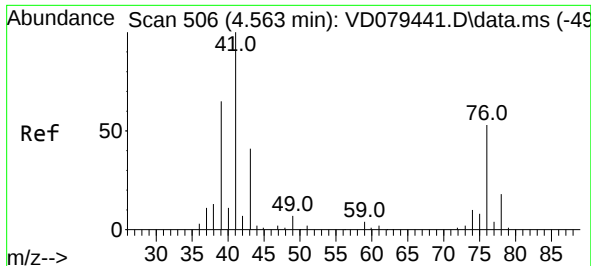
Tgt Ion: 43 Resp: 127776
Ion Ratio Lower Upper
43 100
58 35.8 30.4 45.6



#17
Carbon Disulfide
Concen: 2.041 ug/l
RT: 4.270 min Scan# 456
Delta R.T. 0.006 min
Lab File: VD079520.D
Acq: 01 Aug 2024 04:03

Tgt Ion: 76 Resp: 6626
Ion Ratio Lower Upper
76 100
78 9.6 6.9 10.3

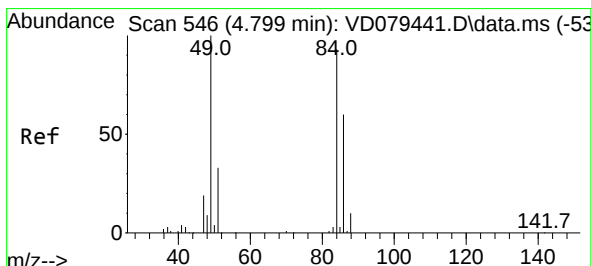
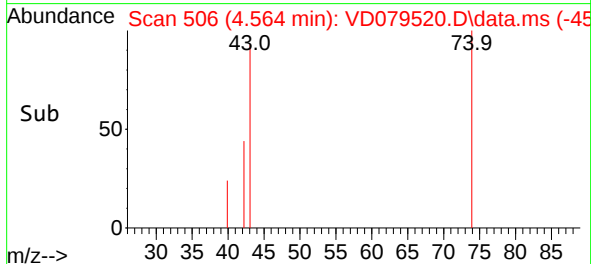
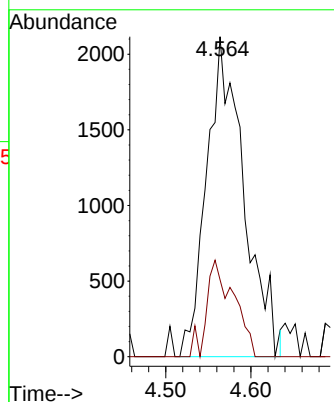
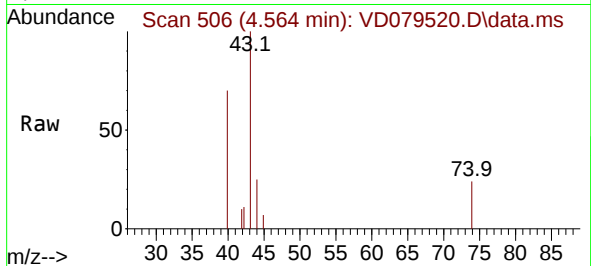




#18
Methyl Acetate
Concen: 11.478 ug/l
RT: 4.564 min Scan# 506
Delta R.T. -0.006 min
Lab File: VD079520.D
Acq: 01 Aug 2024 04:03

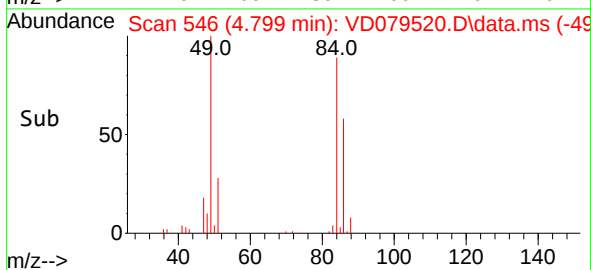
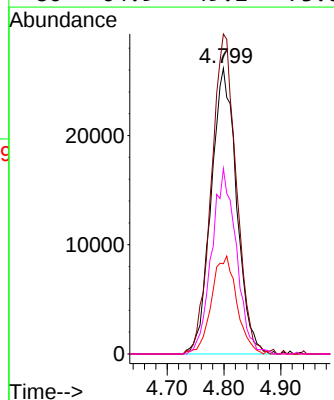
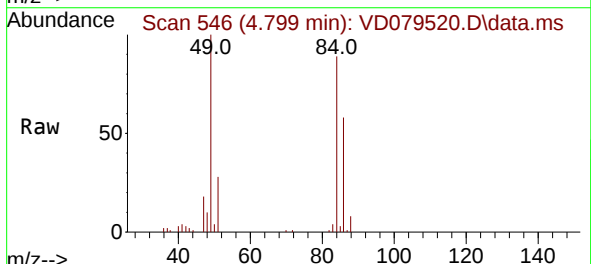
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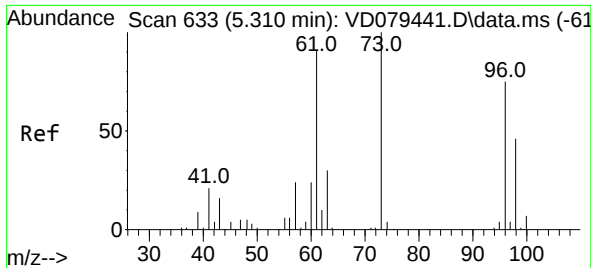
Tgt Ion: 43 Resp: 6404
Ion Ratio Lower Upper
43 100
74 22.2 28.1 42.1#



#20
Methylene Chloride
Concen: 64.358 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD079520.D
Acq: 01 Aug 2024 04:03

Tgt Ion: 84 Resp: 81567
Ion Ratio Lower Upper
84 100
49 112.0 75.6 113.4
51 31.6 24.2 36.2
86 64.9 49.2 73.8

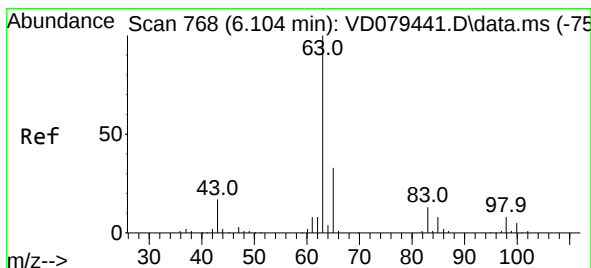
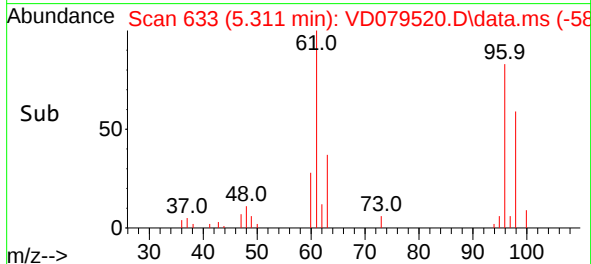
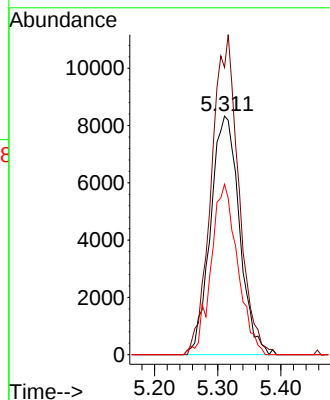
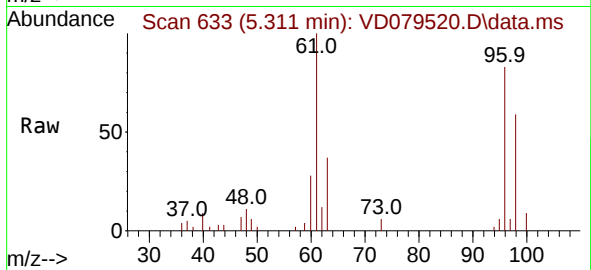




#21
trans-1,2-Dichloroethene
Concen: 23.925 ug/l
RT: 5.311 min Scan# 611
Delta R.T. 0.000 min
Lab File: VD079520.D
Acq: 01 Aug 2024 04:03

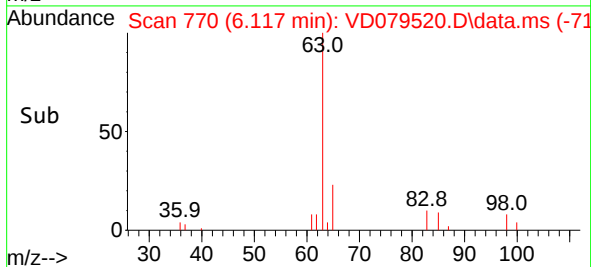
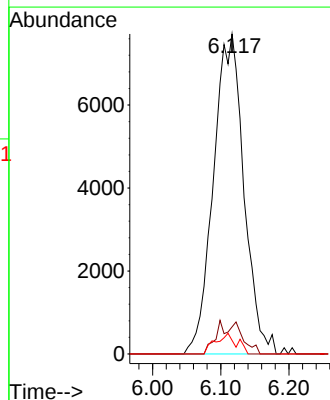
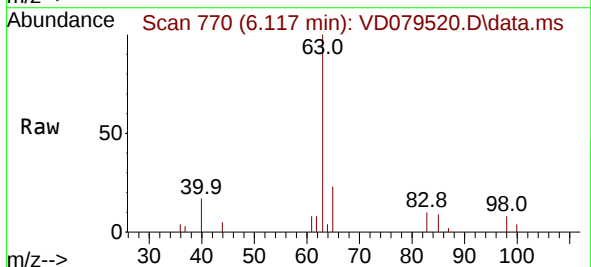
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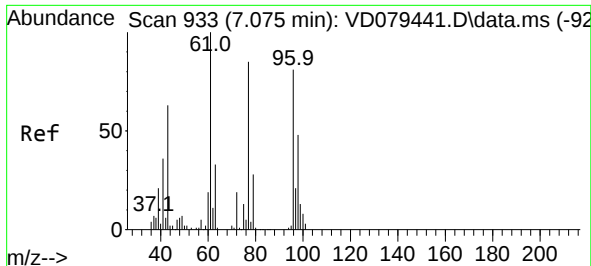
Tgt Ion: 96 Resp: 26431
Ion Ratio Lower Upper
96 100
61 120.4 84.5 126.7
98 71.4 50.5 75.7



#24
1,1-Dichloroethane
Concen: 12.388 ug/l
RT: 6.117 min Scan# 770
Delta R.T. 0.012 min
Lab File: VD079520.D
Acq: 01 Aug 2024 04:03

Tgt Ion: 63 Resp: 23987
Ion Ratio Lower Upper
63 100
98 8.5 4.7 14.0
100 4.2 2.9 8.6

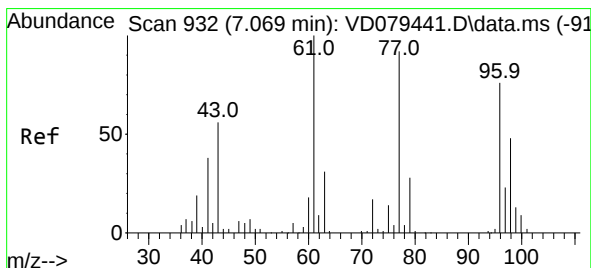
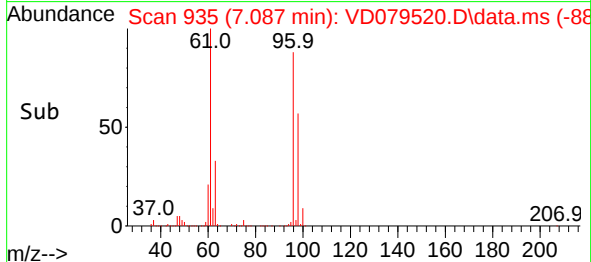
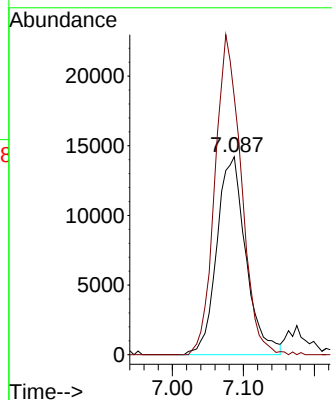
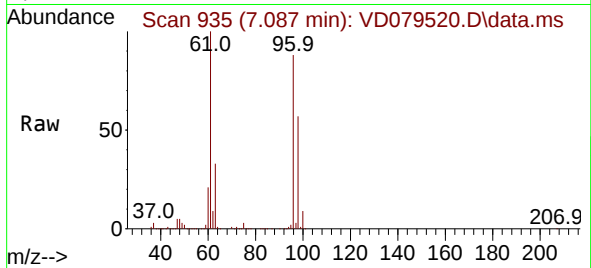




#25
2-Butanone
Concen: 158.454 ug/l
RT: 7.087 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD079520.D
Acq: 01 Aug 2024 04:03

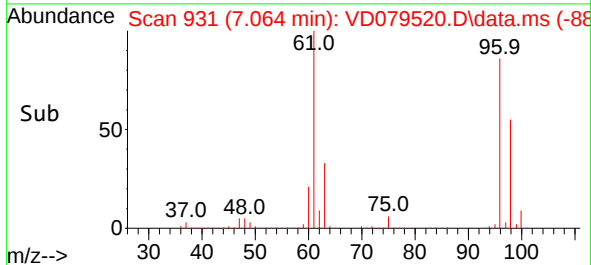
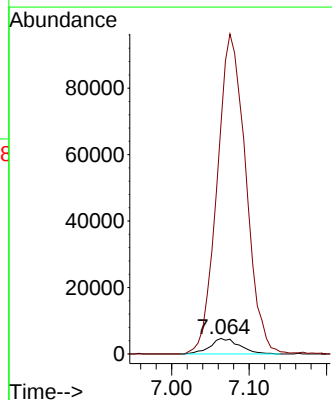
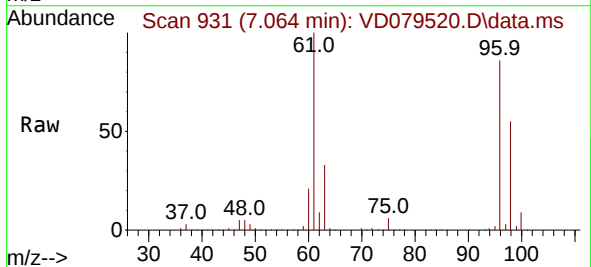
Instrument :
MSVOA_D
ClientSampleId :
S-863-K2-SO-12.75-13.25-072024

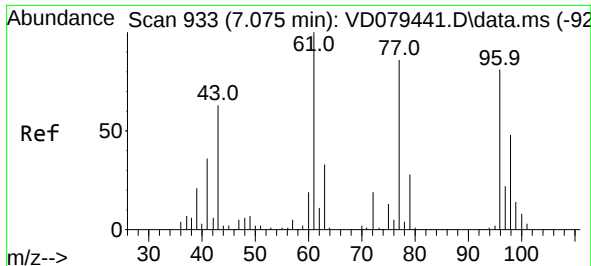
Tgt Ion: 43 Resp: 40368
Ion Ratio Lower Upper
43 100
72 130.0 26.4 39.6#



#26
2,2-Dichloropropane
Concen: 7.887 ug/l
RT: 7.064 min Scan# 931
Delta R.T. -0.018 min
Lab File: VD079520.D
Acq: 01 Aug 2024 04:03

Tgt Ion: 77 Resp: 12353
Ion Ratio Lower Upper
77 100
97 2010.6 12.4 37.2#





#27

cis-1,2-Dichloroethene

Concen: 5279.940 ug/l

RT: 7.075 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD079520.D

Acq: 01 Aug 2024 04:03

Instrument :

MSVOA_D

ClientSampleId :

S-863-K2-SO-12.75-13.25-072024

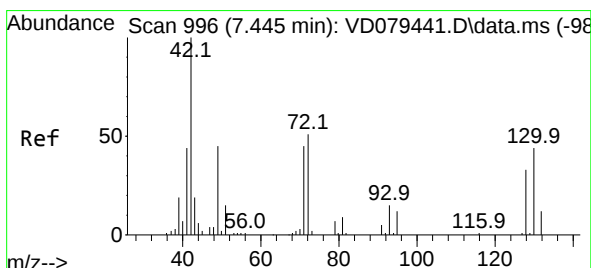
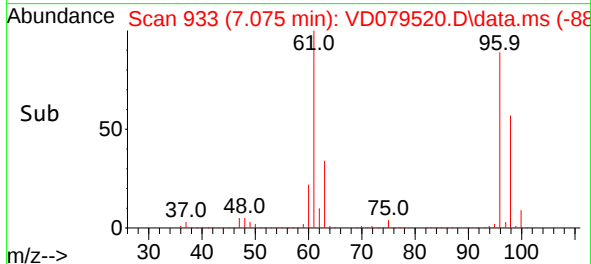
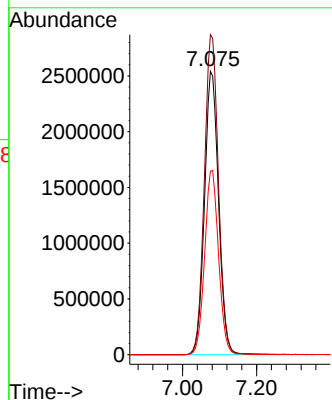
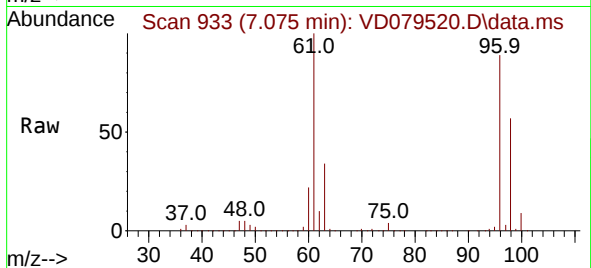
Tgt Ion: 96 Resp: 6667392

Ion Ratio Lower Upper

96 100

61 114.1 0.0 229.0

98 64.8 0.0 127.2



#29

Tetrahydrofuran

Concen: 2.958 ug/l

RT: 7.452 min Scan# 997

Delta R.T. 0.006 min

Lab File: VD079520.D

Acq: 01 Aug 2024 04:03

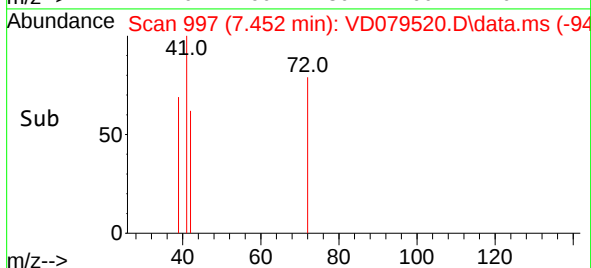
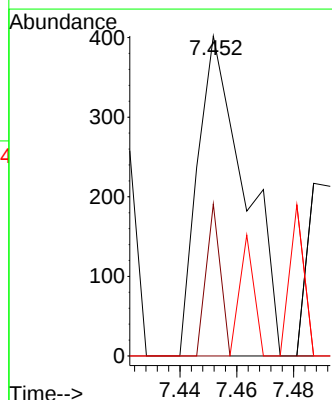
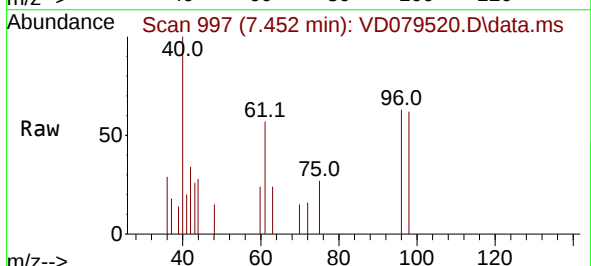
Tgt Ion: 42 Resp: 467

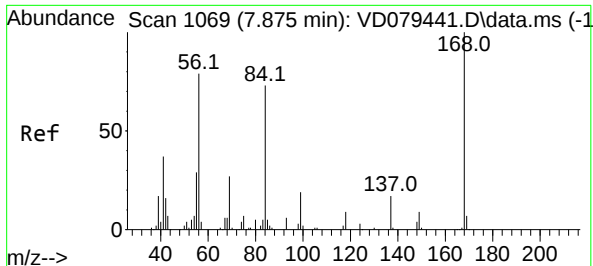
Ion Ratio Lower Upper

42 100

72 14.3 49.4 74.0#

71 11.6 45.0 67.6#

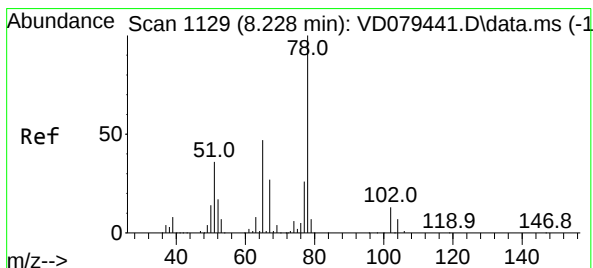
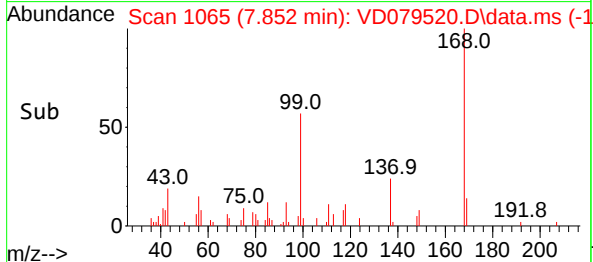
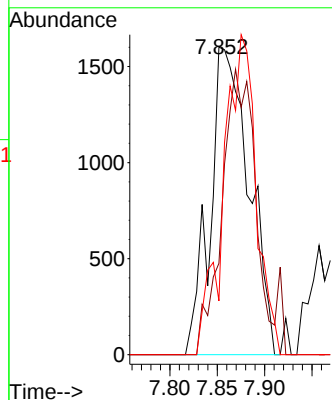
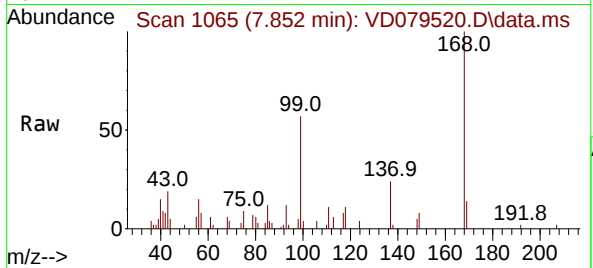




#31
Cyclohexane
Concen: 2.984 ug/l
RT: 7.852 min Scan# 1065
Delta R.T. -0.029 min
Lab File: VD079520.D
Acq: 01 Aug 2024 04:03

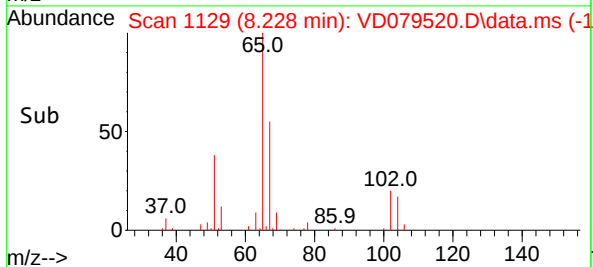
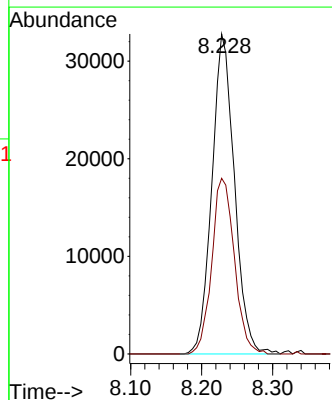
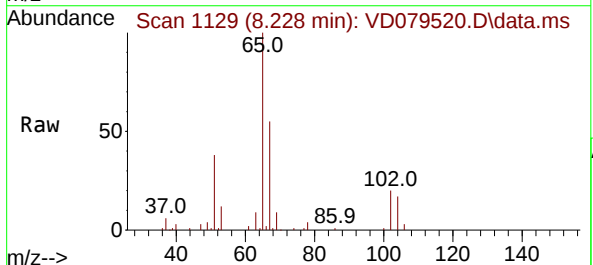
Instrument :
MSVOA_D
ClientSampleId :
S-863-K2-SO-12.75-13.25-072024

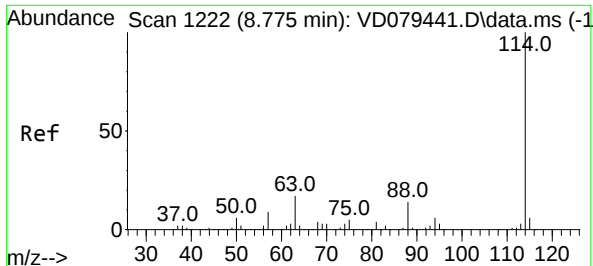
Tgt Ion: 56 Resp: 4582
Ion Ratio Lower Upper
56 100
69 29.7 28.0 42.0
84 17.5 87.4 131.0#



#33
1,2-Dichloroethane-d4
Concen: 78.120 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD079520.D
Acq: 01 Aug 2024 04:03

Tgt Ion: 65 Resp: 72233
Ion Ratio Lower Upper
65 100
67 55.1 0.0 111.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD079520.D

Acq: 01 Aug 2024 04:03

Instrument :

MSVOA_D

ClientSampleId :

S-863-K2-SO-12.75-13.25-072024

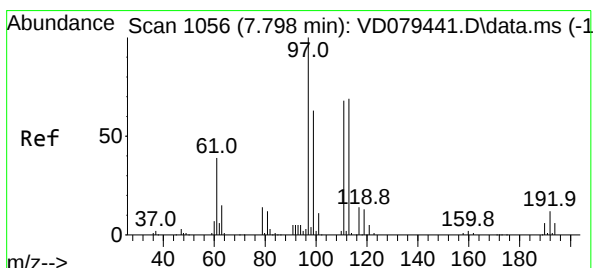
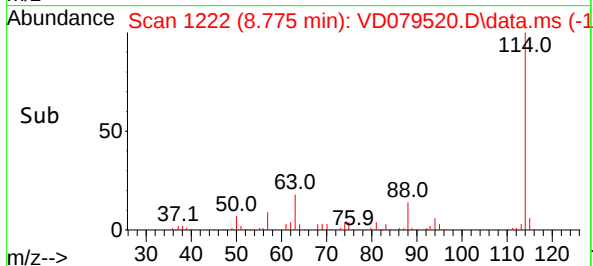
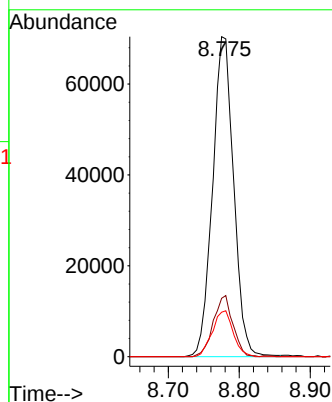
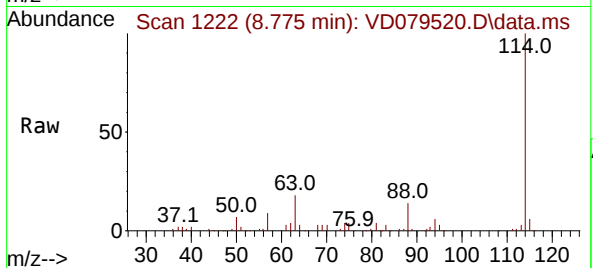
Tgt Ion:114 Resp: 145073

Ion Ratio Lower Upper

114 100

63 18.2 0.0 34.0

88 13.9 0.0 27.2



#35

Dibromofluoromethane

Concen: 71.921 ug/l

RT: 7.811 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD079520.D

Acq: 01 Aug 2024 04:03

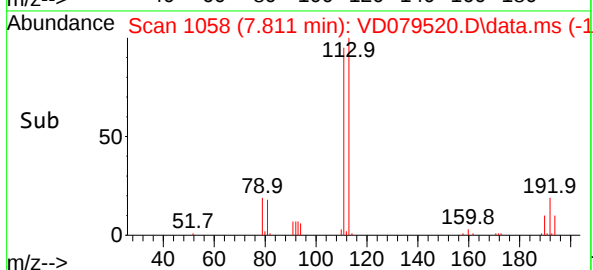
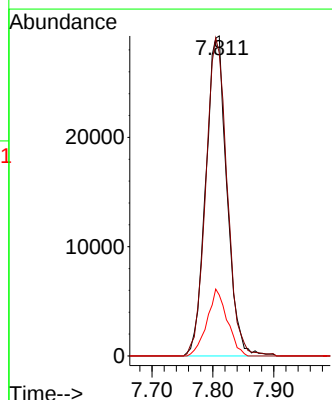
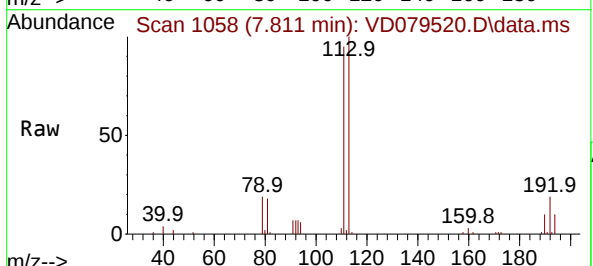
Tgt Ion:113 Resp: 70621

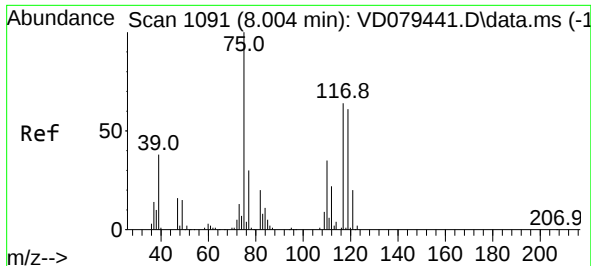
Ion Ratio Lower Upper

113 100

111 100.2 84.0 126.0

192 20.0 15.4 23.0





#36

1,1-Dichloropropene

Concen: 5.216 ug/l

RT: 7.875 min Scan# 1091

Delta R.T. -0.135 min

Lab File: VD079520.D

Acq: 01 Aug 2024 04:03

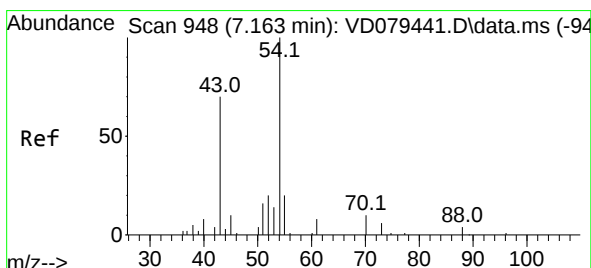
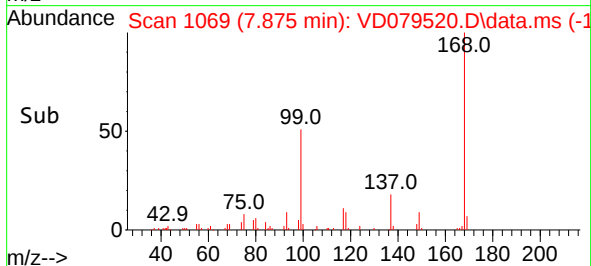
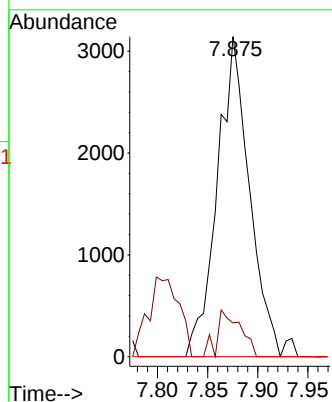
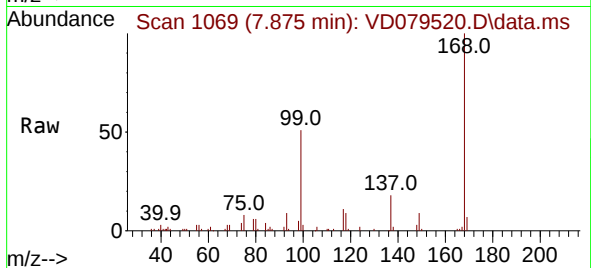
Instrument :

MSVOA_D

ClientSampleId :

S-863-K2-SO-12.75-13.25-072024

Tgt Ion: 75	Resp:	6990
Ion	Ratio	Lower Upper
75	100	
110	10.6	19.6 58.7#
77	0.0	26.1 39.1#



#37

Ethyl Acetate

Concen: 5.829 ug/l

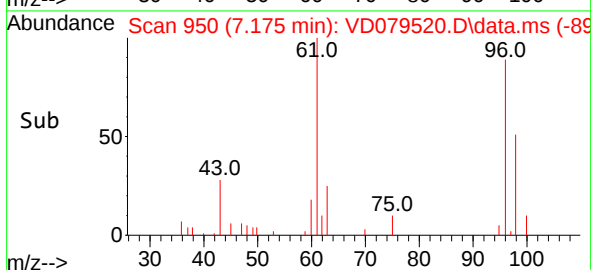
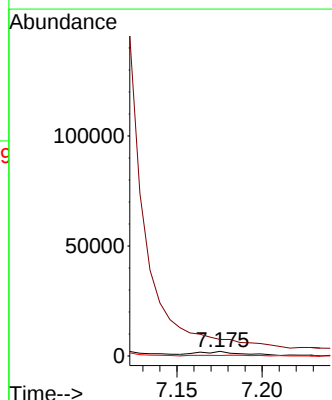
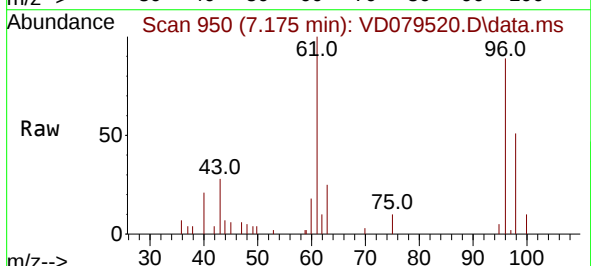
RT: 7.175 min Scan# 950

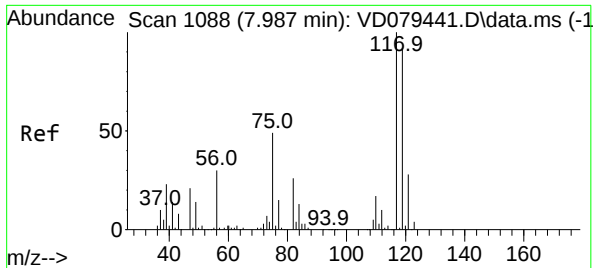
Delta R.T. 0.000 min

Lab File: VD079520.D

Acq: 01 Aug 2024 04:03

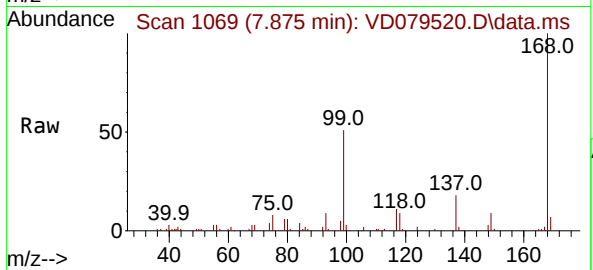
Tgt Ion: 43	Resp:	3203
Ion	Ratio	Lower Upper
43	100	
61	0.0	13.9 20.9#
70	0.0	9.8 14.6#



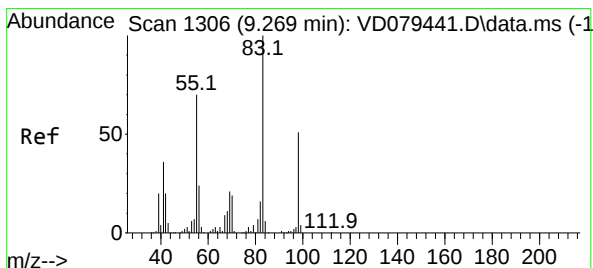
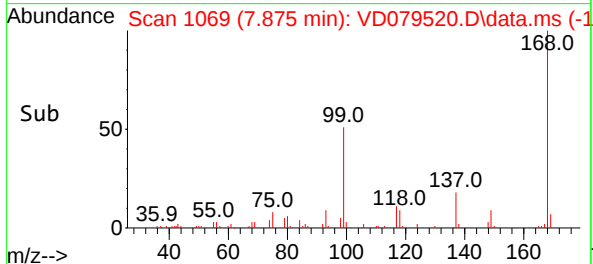
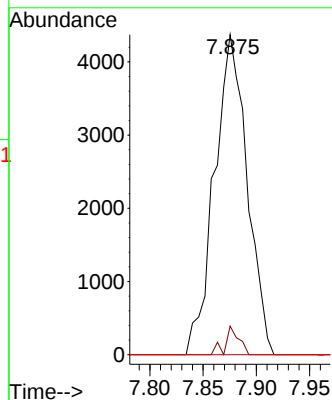


#38
Carbon Tetrachloride
Concen: 6.627 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.112 min
Lab File: VD079520.D
Acq: 01 Aug 2024 04:03

Instrument : MSVOA_D
ClientSampleId : S-863-K2-SO-12.75-13.25-072024

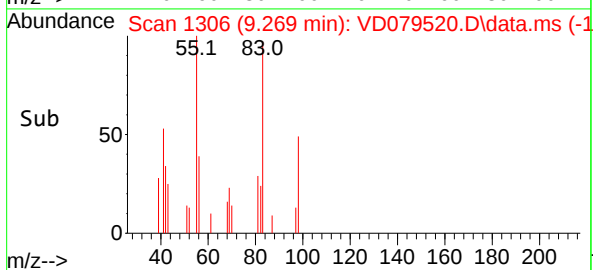
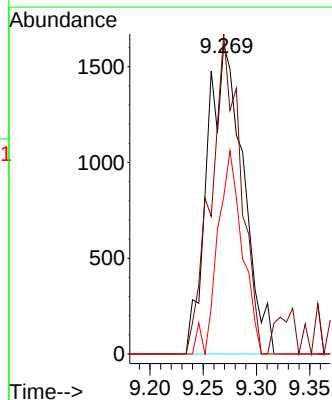
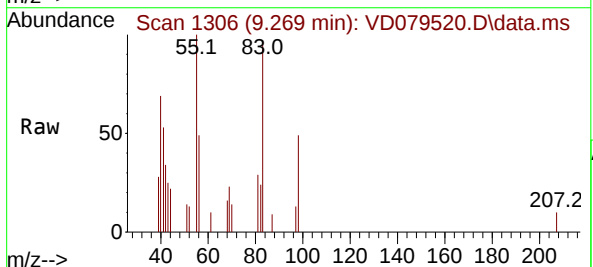


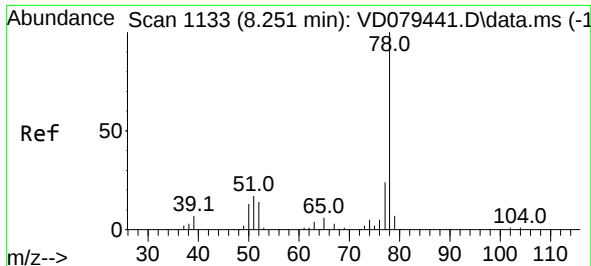
Tgt Ion:117 Resp: 9337
Ion Ratio Lower Upper
117 100
119 8.9 75.4 113.0#
121 0.0 25.0 37.4#



#39
Methylcyclohexane
Concen: 2.376 ug/l
RT: 9.269 min Scan# 1306
Delta R.T. -0.006 min
Lab File: VD079520.D
Acq: 01 Aug 2024 04:03

Tgt Ion: 83 Resp: 3799
Ion Ratio Lower Upper
83 100
55 103.5 50.1 75.1#
98 50.8 41.9 62.9

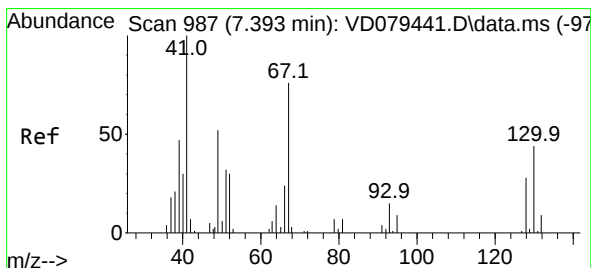
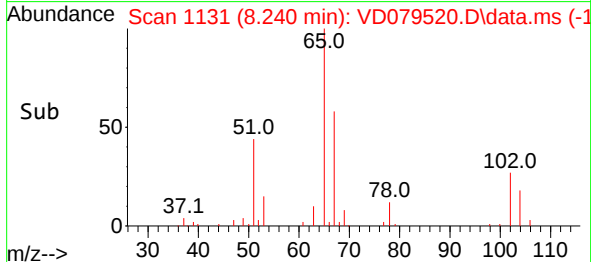
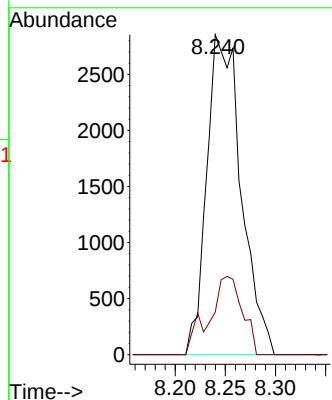
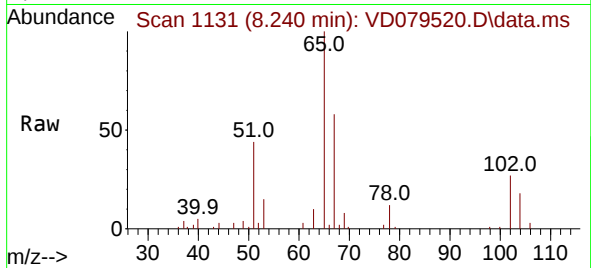




#40
Benzene
Concen: 1.597 ug/l
RT: 8.240 min Scan# 1133
Delta R.T. -0.012 min
Lab File: VD079520.D
Acq: 01 Aug 2024 04:03

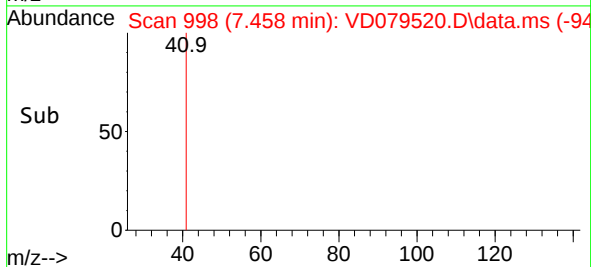
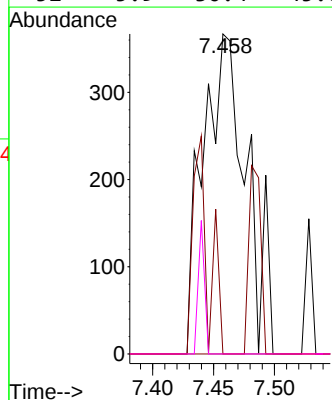
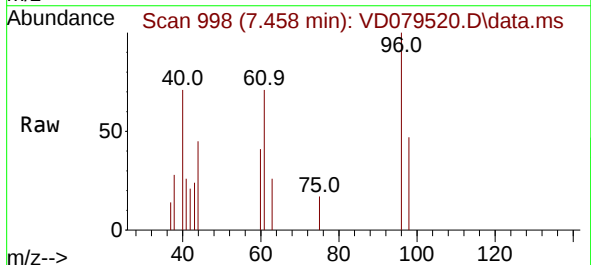
Instrument : MSVOA_D
ClientSampleId : S-863-K2-SO-12.75-13.25-072024

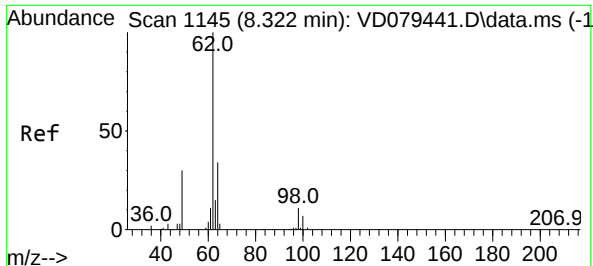
Tgt Ion: 78 Resp: 6799
Ion Ratio Lower Upper
78 100
77 13.3 18.1 27.1#



#41
Methacrylonitrile
Concen: 3.014 ug/l
RT: 7.458 min Scan# 998
Delta R.T. 0.041 min
Lab File: VD079520.D
Acq: 01 Aug 2024 04:03

Tgt Ion: 41 Resp: 911
Ion Ratio Lower Upper
41 100
39 24.0 41.4 62.0#
67 0.0 85.8 128.6#
52 5.9 30.4 45.6#





#42

1,2-Dichloroethane

Concen: 2.429 ug/l

RT: 8.334 min Scan# 1147

Delta R.T. 0.012 min

Lab File: VD079520.D

Acq: 01 Aug 2024 04:03

Instrument :

MSVOA_D

ClientSampleId :

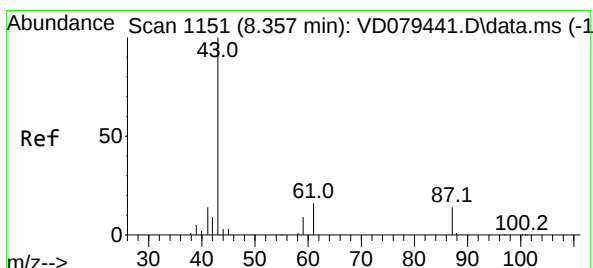
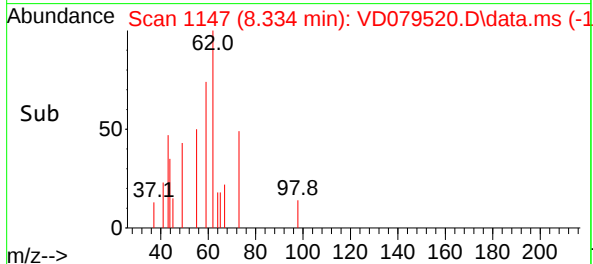
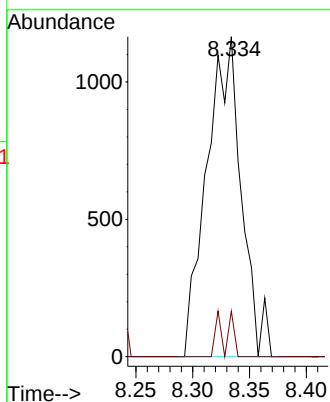
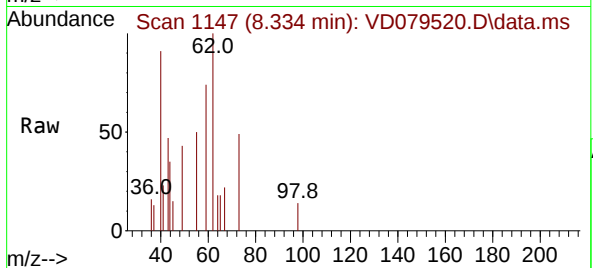
S-863-K2-SO-12.75-13.25-072024

Tgt Ion: 62 Resp: 2464

Ion Ratio Lower Upper

62 100

98 4.7 0.0 25.8



#43

Isopropyl Acetate

Concen: 1.640 ug/l

RT: 8.334 min Scan# 1147

Delta R.T. -0.023 min

Lab File: VD079520.D

Acq: 01 Aug 2024 04:03

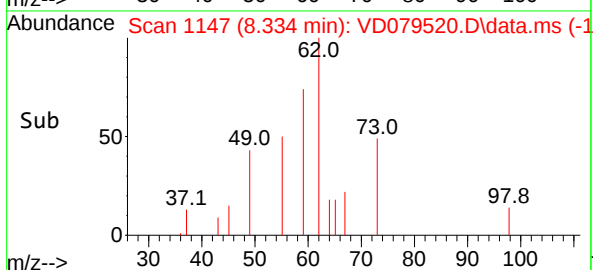
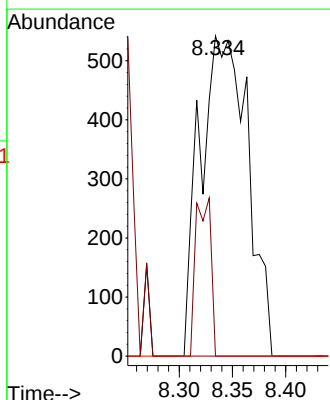
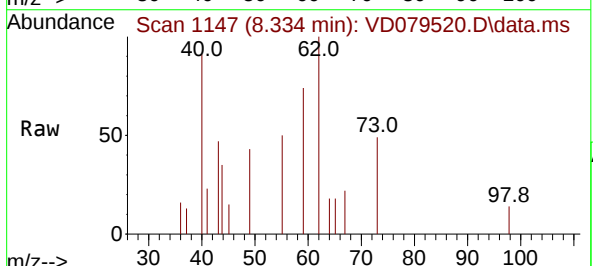
Tgt Ion: 43 Resp: 1694

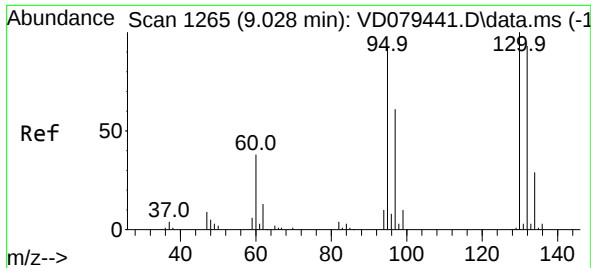
Ion Ratio Lower Upper

43 100

61 15.8 29.3 43.9#

87 0.0 14.9 22.3#

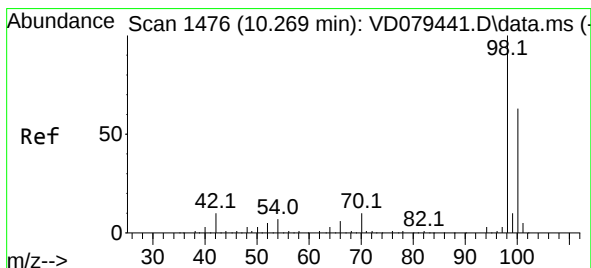
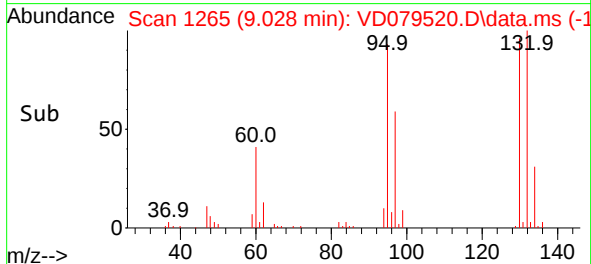
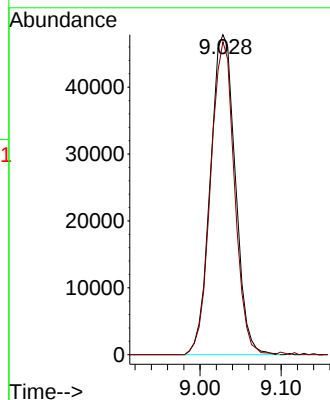
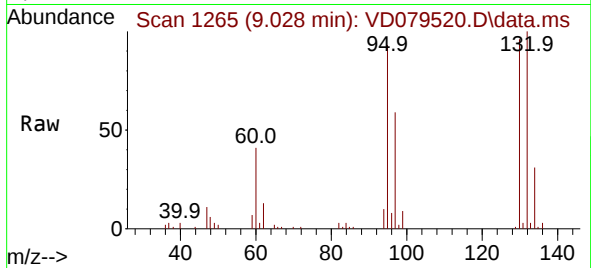




#44
Trichloroethene
Concen: 96.389 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD079520.D
Acq: 01 Aug 2024 04:03

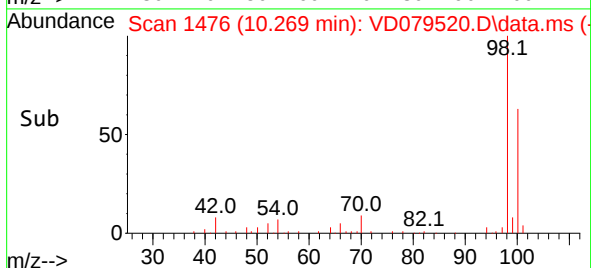
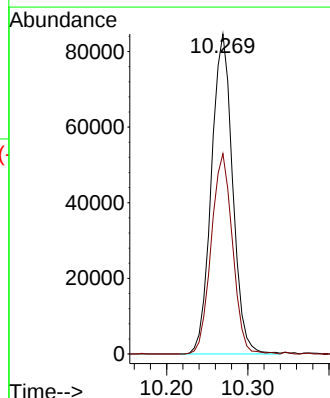
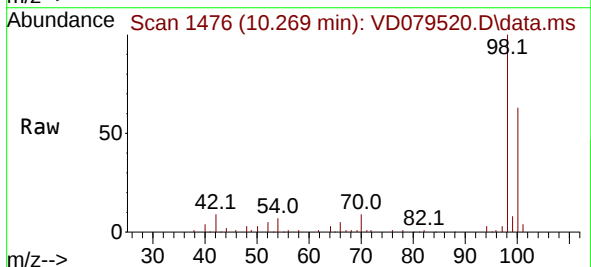
Instrument :
MSVOA_D
ClientSampleId :
S-863-K2-SO-12.75-13.25-072024

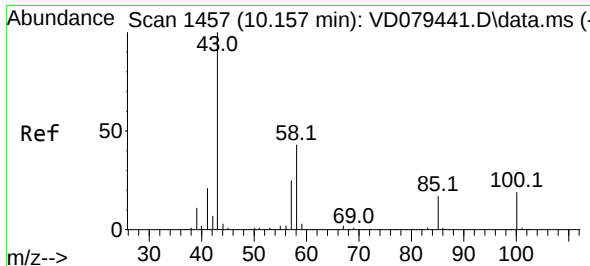
Tgt Ion:130 Resp: 102139
Ion Ratio Lower Upper
130 100
95 97.8 0.0 177.8



#50
Toluene-d8
Concen: 40.295 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VD079520.D
Acq: 01 Aug 2024 04:03

Tgt Ion: 98 Resp: 153652
Ion Ratio Lower Upper
98 100
100 62.7 51.6 77.4

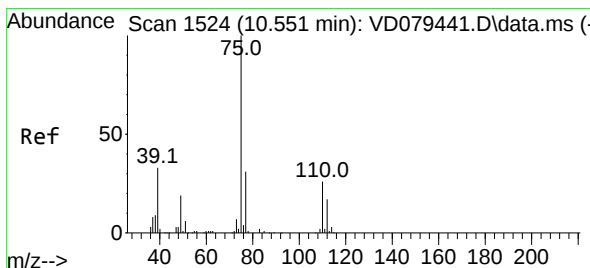
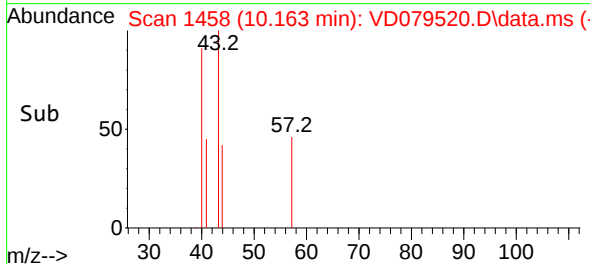
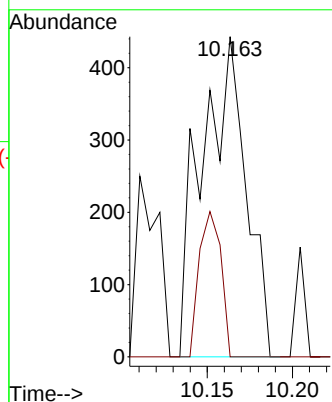
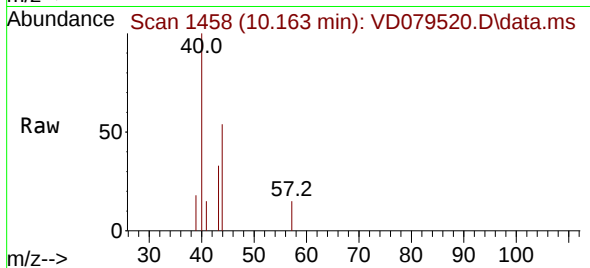




#51
4-Methyl-2-Pentanone
Concen: 1.519 ug/l
RT: 10.163 min Scan# 1457
Delta R.T. 0.006 min
Lab File: VD079520.D
Acq: 01 Aug 2024 04:03

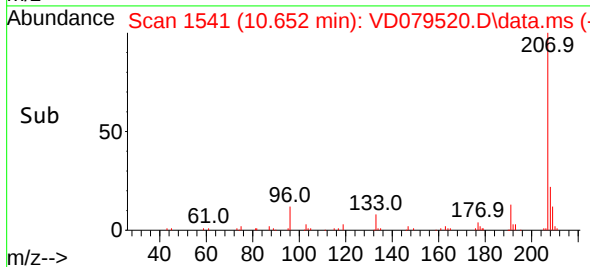
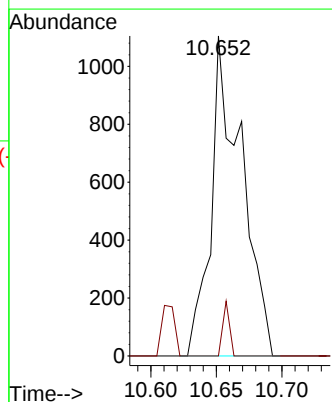
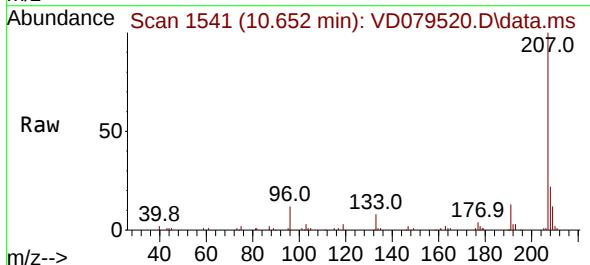
Instrument :
MSVOA_D
ClientSampleId :
S-863-K2-SO-12.75-13.25-072024

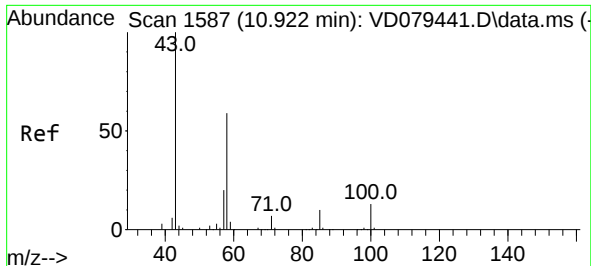
Tgt Ion: 43 Resp: 801
Ion Ratio Lower Upper
43 100
58 22.3 36.6 55.0#



#53
t-1,3-Dichloropropene
Concen: 1.375 ug/l
RT: 10.652 min Scan# 1541
Delta R.T. 0.106 min
Lab File: VD079520.D
Acq: 01 Aug 2024 04:03

Tgt Ion: 75 Resp: 1791
Ion Ratio Lower Upper
75 100
77 0.0 25.0 37.6#





#59

2-Hexanone

Concen: 3.769 ug/l

RT: 11.022 min Scan# 1

Delta R.T. 0.106 min

Lab File: VD079520.D

Acq: 01 Aug 2024 04:03

Instrument :

MSVOA_D

ClientSampleId :

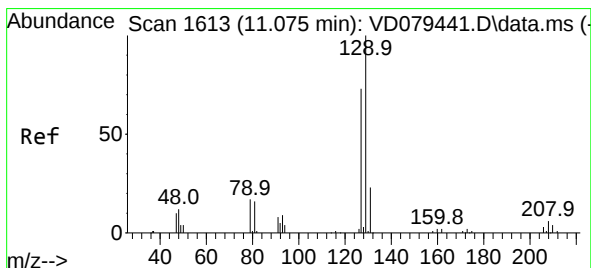
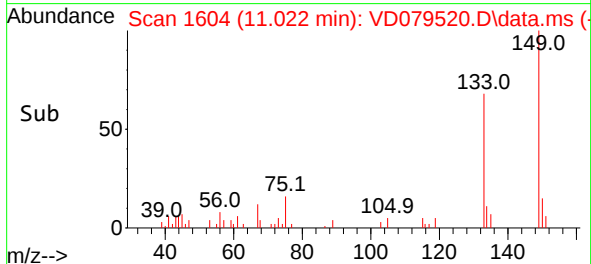
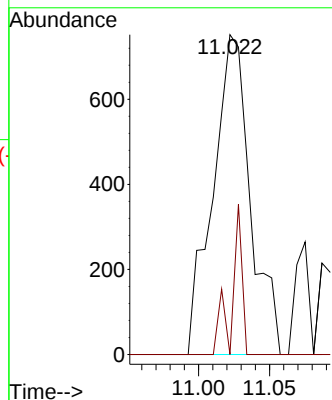
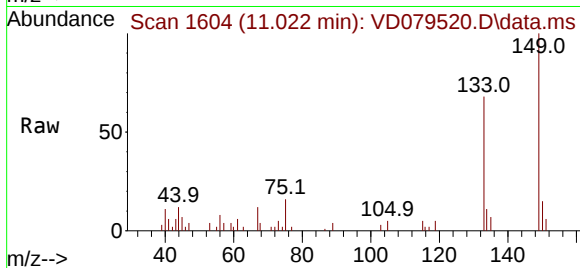
S-863-K2-SO-12.75-13.25-072024

Tgt Ion: 43 Resp: 1386

Ion Ratio Lower Upper

43 100

58 12.9 31.1 93.5#



#60

Dibromochloromethane

Concen: 7.888 ug/l

RT: 10.810 min Scan# 1568

Delta R.T. -0.259 min

Lab File: VD079520.D

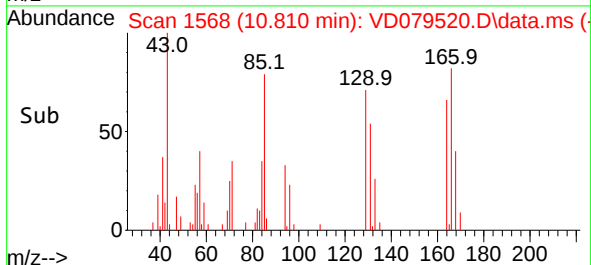
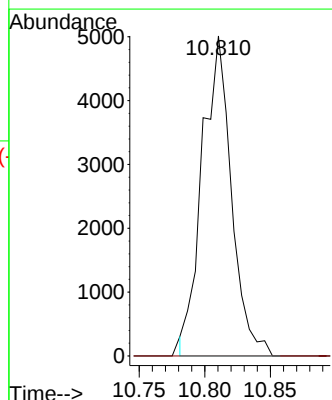
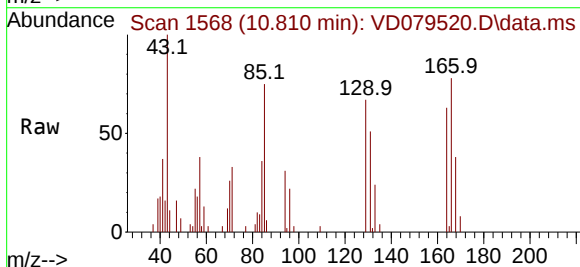
Acq: 01 Aug 2024 04:03

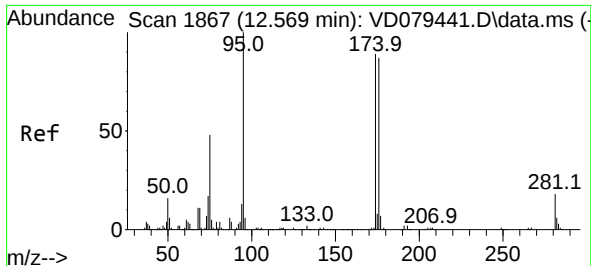
Tgt Ion: 129 Resp: 7795

Ion Ratio Lower Upper

129 100

127 0.0 38.0 113.9#

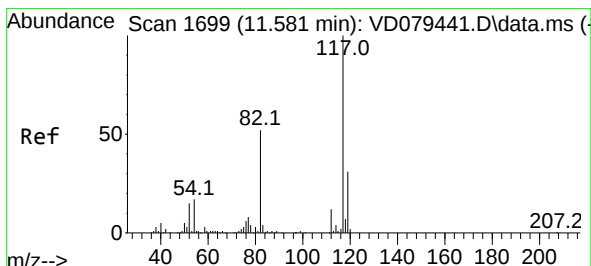
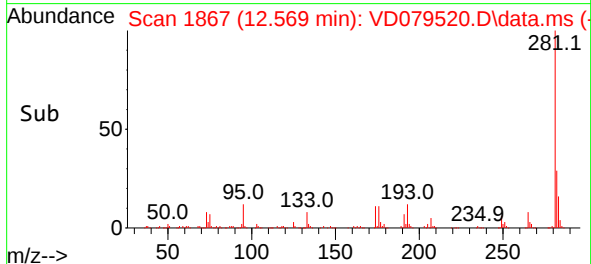
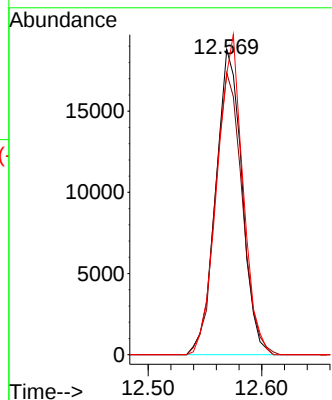
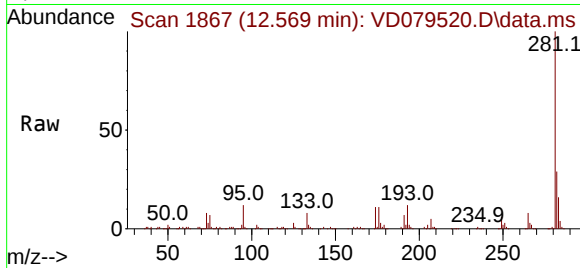




#62
4-Bromofluorobenzene
Concen: 27.347 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD079520.D
Acq: 01 Aug 2024 04:03

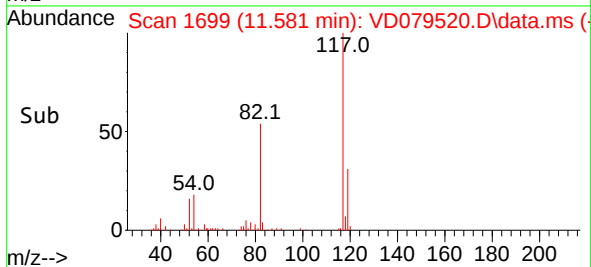
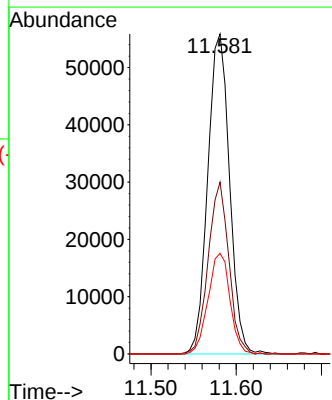
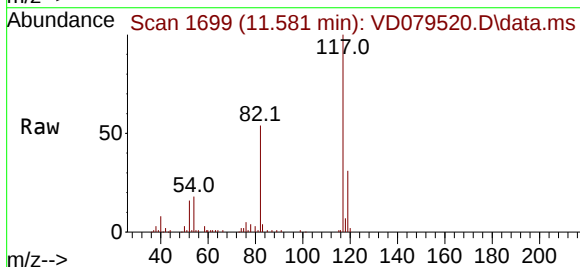
Instrument :
MSVOA_D
ClientSampleId :
S-863-K2-SO-12.75-13.25-072024

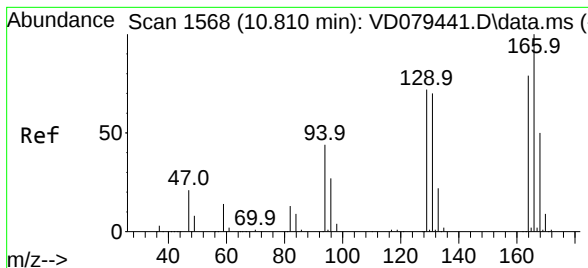
Tgt Ion:	95	Resp:	30176
Ion Ratio	Lower	Upper	
95	100		
174	95.5	0.0	195.4
176	102.4	0.0	192.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD079520.D
Acq: 01 Aug 2024 04:03

Tgt Ion:	117	Resp:	99183
Ion Ratio	Lower	Upper	
117	100		
82	53.7	39.8	59.6
119	31.5	25.7	38.5





#64

Tetrachloroethene

Concen: 12.871 ug/l

RT: 10.810 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD079520.D

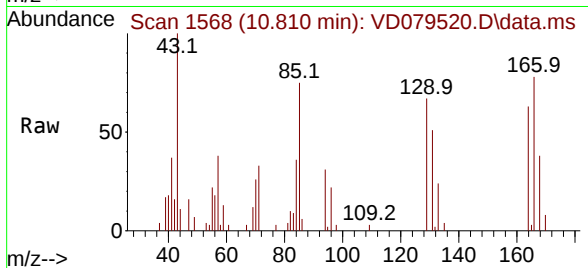
Acq: 01 Aug 2024 04:03

Instrument :

MSVOA_D

ClientSampleId :

S-863-K2-SO-12.75-13.25-072024



Tgt Ion:164 Resp: 8608

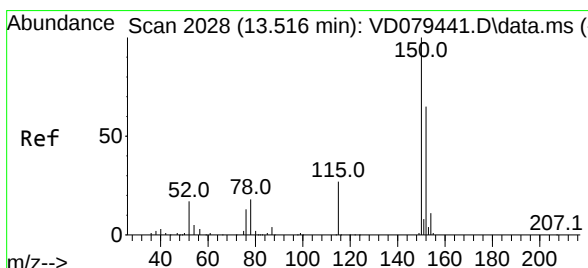
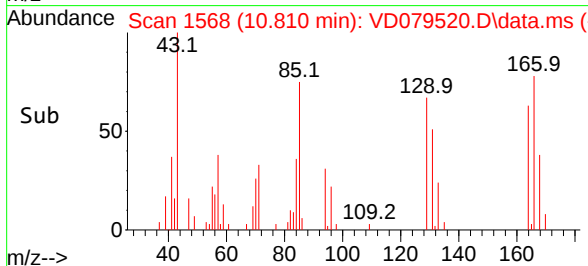
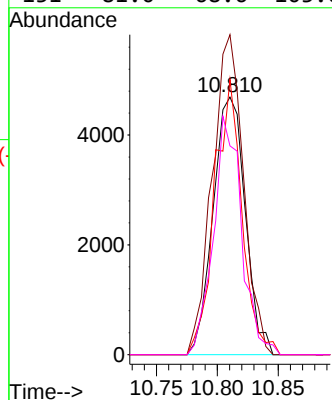
Ion Ratio Lower Upper

164 100

166 124.2 108.6 163.0

129 106.8 74.6 112.0

131 81.0 68.6 103.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 2028

Delta R.T. 0.006 min

Lab File: VD079520.D

Acq: 01 Aug 2024 04:03

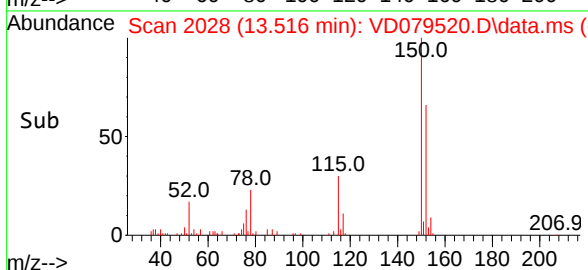
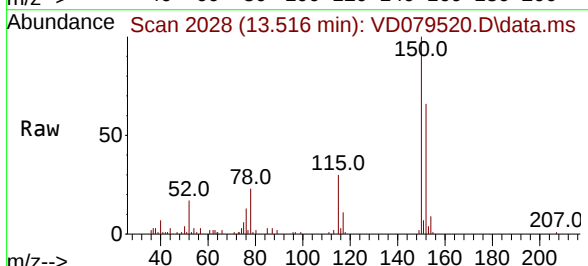
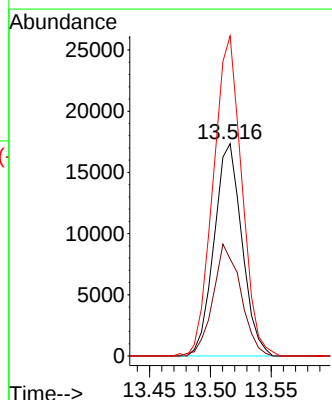
Tgt Ion:152 Resp: 27592

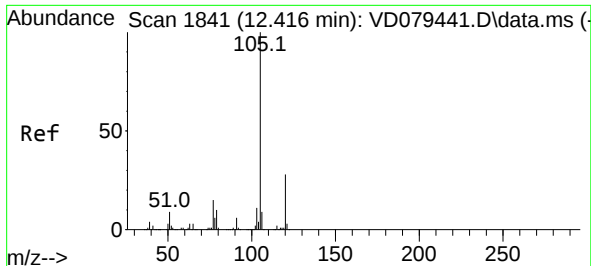
Ion Ratio Lower Upper

152 100

115 52.7 26.5 79.5

150 154.1 0.0 341.6

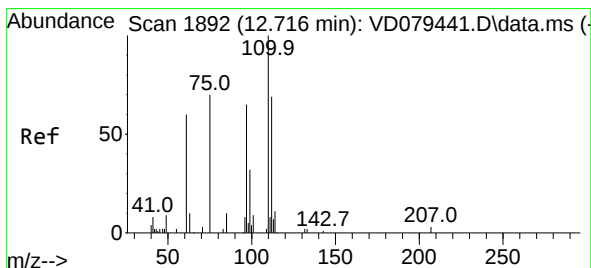
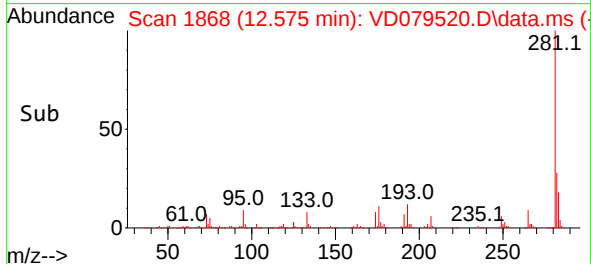
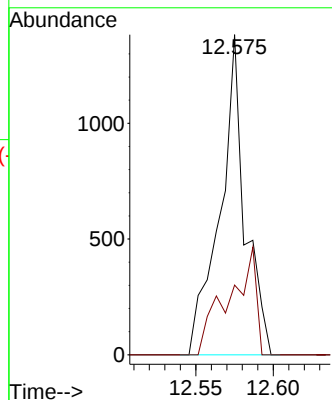
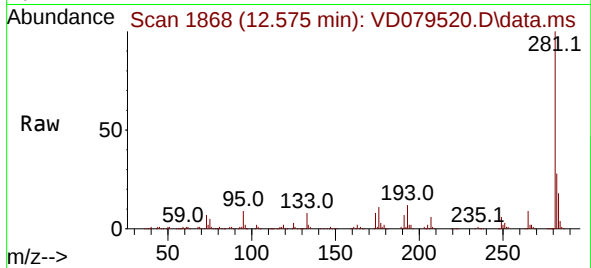




#73
Isopropylbenzene
Concen: 4.322 ug/l
RT: 12.575 min Scan# 1867
Delta R.T. 0.159 min
Lab File: VD079520.D
Acq: 01 Aug 2024 04:03

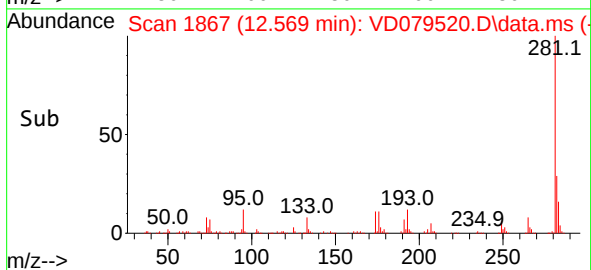
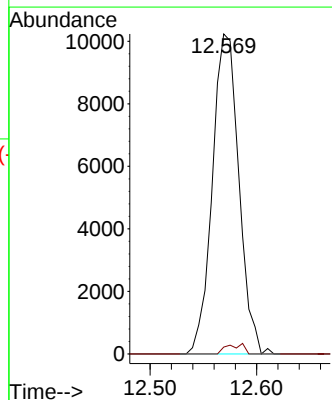
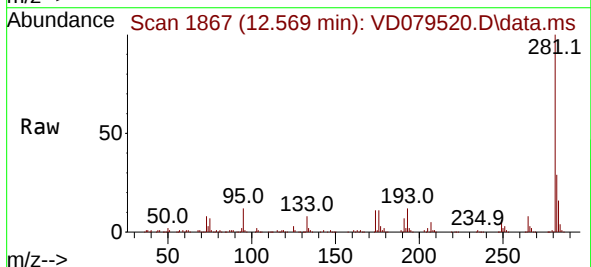
Instrument :
MSVOA_D
ClientSampleId :
S-863-K2-SO-12.75-13.25-072024

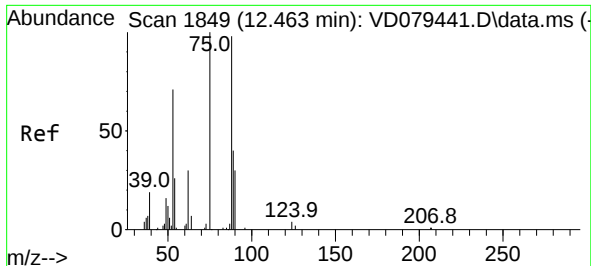
Tgt Ion:105 Resp: 1547
Ion Ratio Lower Upper
105 100
120 37.0 13.6 40.7



#76
1,2,3-Trichloropropane
Concen: 73.343 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.153 min
Lab File: VD079520.D
Acq: 01 Aug 2024 04:03

Tgt Ion: 75 Resp: 17689
Ion Ratio Lower Upper
75 100
77 2.1 0.0 0.0#

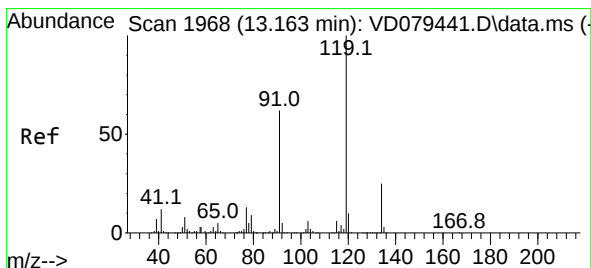
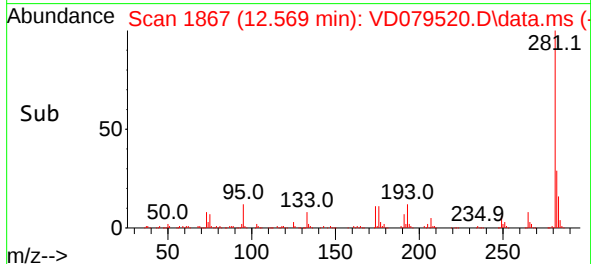
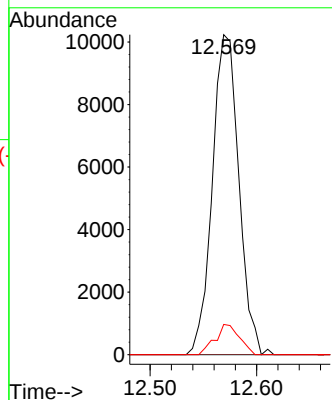
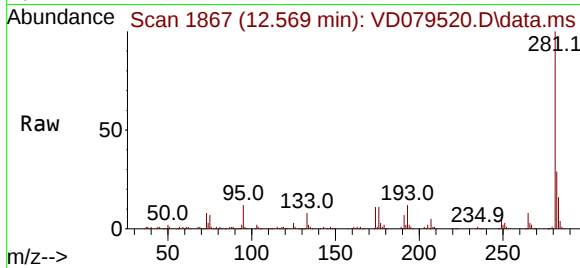




#81
trans-1,4-Dichloro-2-butene
Concen: 139.885 ug/l
RT: 12.569 min Scan# 11
Delta R.T. 0.100 min
Lab File: VD079520.D
Acq: 01 Aug 2024 04:03

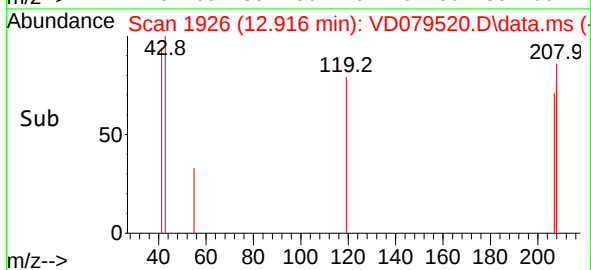
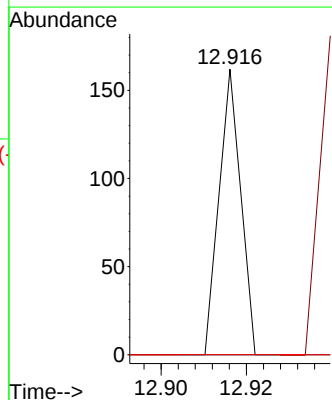
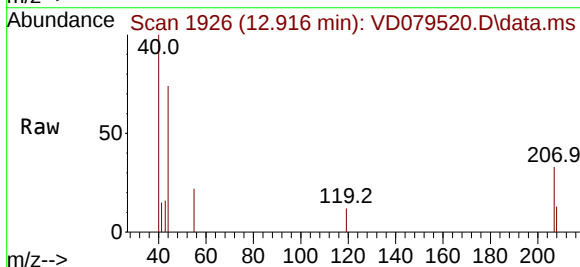
Instrument :
MSVOA_D
ClientSampleId :
S-863-K2-SO-12.75-13.25-072024

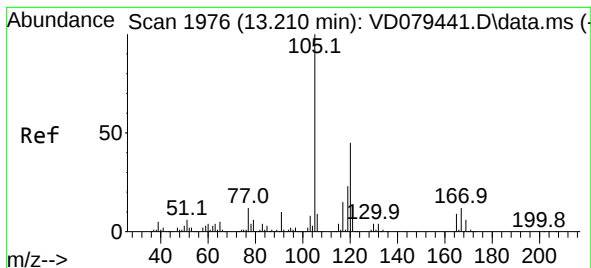
Tgt Ion: 75 Resp: 17689
Ion Ratio Lower Upper
75 100
53 0.0 61.4 92.2#
89 8.7 35.4 53.0#



#83
tert-Butylbenzene
Concen: 3.663 ug/l
RT: 12.916 min Scan# 1926
Delta R.T. -0.247 min
Lab File: VD079520.D
Acq: 01 Aug 2024 04:03

Tgt Ion: 119 Resp: 57
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: 4.170 ug/l

RT: 13.222 min Scan# 1976

Delta R.T. 0.018 min

Lab File: VD079520.D

Acq: 01 Aug 2024 04:03

Instrument :

MSVOA_D

ClientSampleId :

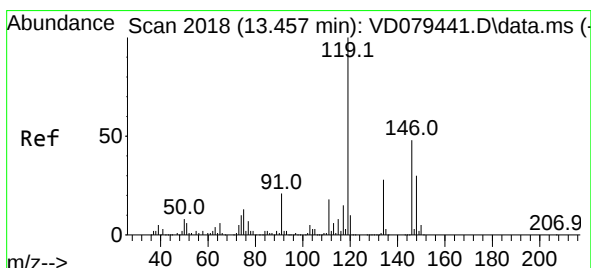
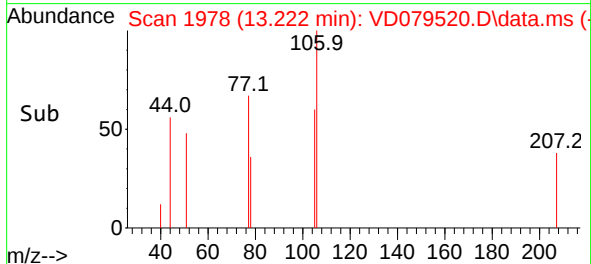
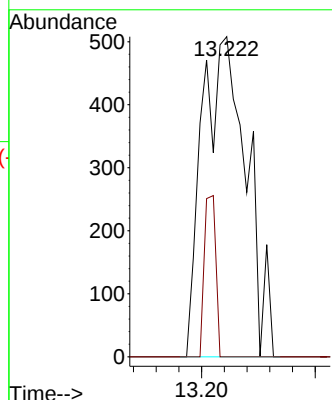
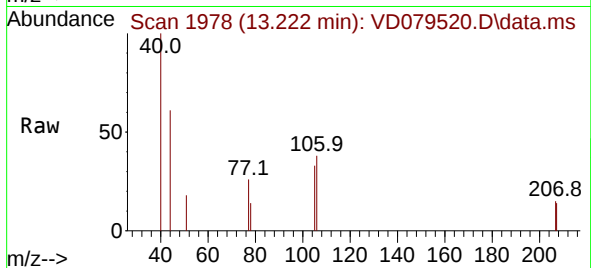
S-863-K2-SO-12.75-13.25-072024

Tgt Ion:105 Resp: 1376

Ion Ratio Lower Upper

105 100

120 13.0 23.6 71.0#



#86

p-Isopropyltoluene

Concen: 3.920 ug/l

RT: 13.451 min Scan# 2017

Delta R.T. -0.006 min

Lab File: VD079520.D

Acq: 01 Aug 2024 04:03

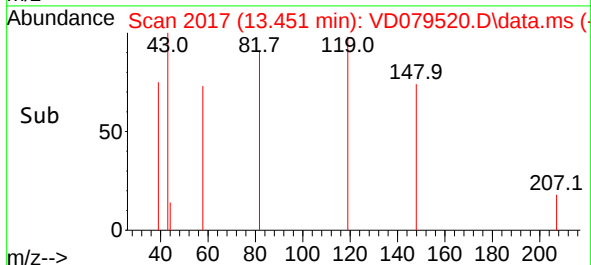
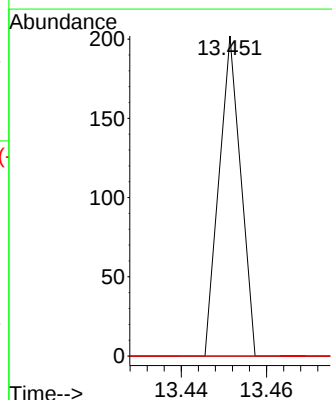
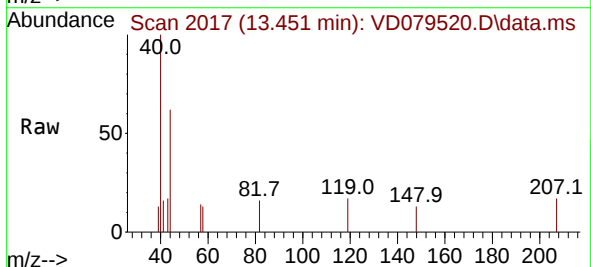
Tgt Ion:119 Resp: 71

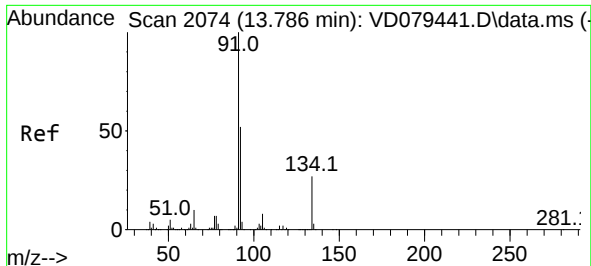
Ion Ratio Lower Upper

119 100

134 0.0 13.7 41.1#

91 0.0 10.7 32.1#





#89

n-Butylbenzene

Concen: 3.810 ug/l

RT: 13.510 min Scan# 2074

Delta R.T. -0.271 min

Lab File: VD079520.D

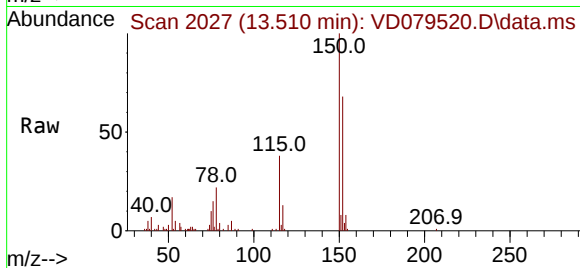
Acq: 01 Aug 2024 04:03

Instrument :

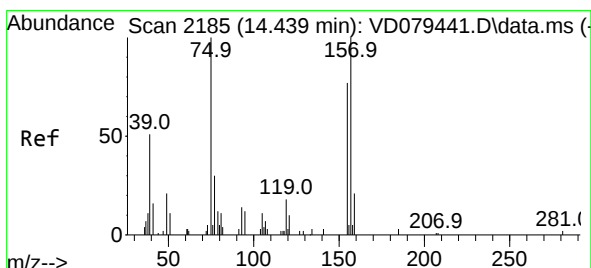
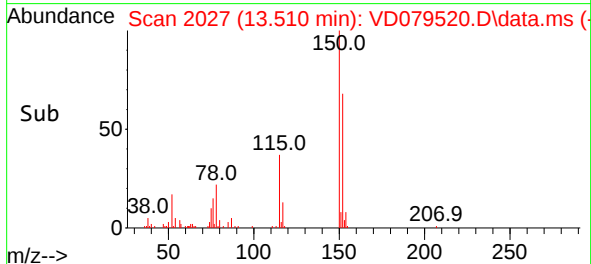
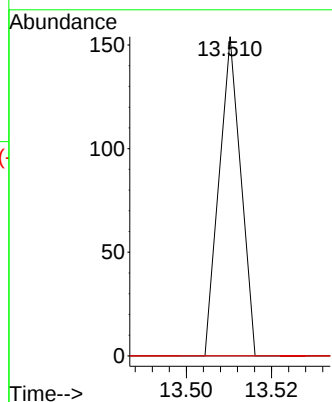
MSVOA_D

ClientSampleId :

S-863-K2-SO-12.75-13.25-072024



Tgt Ion:	91	Resp:	54
Ion	Ratio	Lower	Upper
91	100		
92	0.0	25.7	77.0#
134	0.0	13.6	40.8#



#92

1,2-Dibromo-3-Chloropropane

Concen: 1.195 ug/l

RT: 14.381 min Scan# 2175

Delta R.T. -0.065 min

Lab File: VD079520.D

Acq: 01 Aug 2024 04:03

Tgt Ion:	75	Resp:	57
Ion	Ratio	Lower	Upper
75	100		
155	0.0	47.7	143.1#
157	0.0	63.4	190.2#

