

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110422\
 Data File : VD074748.D
 Acq On : 04 Nov 2022 19:56
 Operator : VA/SY
 Sample : N5460-01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SH-1

Quant Time: Nov 07 00:30:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110222S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 03 02:30:45 2022
 Response via : Initial Calibration

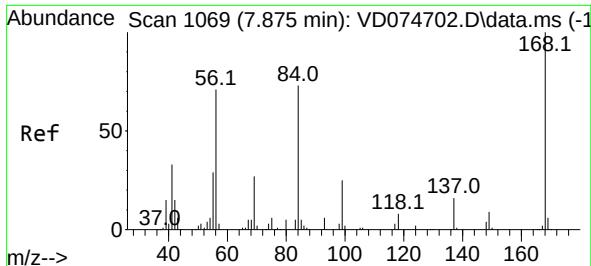
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.875	168	90058	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	146208	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	148609	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	70709	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	60478	84.789	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery	= 169.580%#		
35) Dibromofluoromethane	7.810	113	67972	78.591	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery	= 157.180%#		
50) Toluene-d8	10.269	98	186288	59.049	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery	= 118.100%		
62) 4-Bromofluorobenzene	12.575	95	59787	65.635	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery	= 131.280%		
Target Compounds						Qvalue
10) Methyl Iodide	4.169	142	59	5.599	ug/l #	43
11) Tert butyl alcohol	4.993	59	598	Below Cal	#	84
16) Acetone	4.028	43	1860	12.496	ug/l	95
20) Methylene Chloride	4.793	84	11463	Below Cal		92
25) 2-Butanone	7.087	43	1102	5.385	ug/l #	42
31) Cyclohexane	7.875	56	1572	1.089	ug/l #	27
36) 1,1-Dichloropropene	7.875	75	6468	4.927	ug/l #	46
37) Ethyl Acetate	7.087	43	1102	2.516	ug/l #	1
38) Carbon Tetrachloride	7.869	117	8486	6.823	ug/l #	19
51) 4-Methyl-2-Pentanone	10.269	43	487	1.232	ug/l #	1
76) 1,2,3-Trichloropropane	12.575	75	29882	54.515	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.575	75	29882	129.406	ug/l #	17

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

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Quant Title : SW846 8260
QLast Update : Thu Nov 03 02:30:45 2022
Response via : Initial Calibration

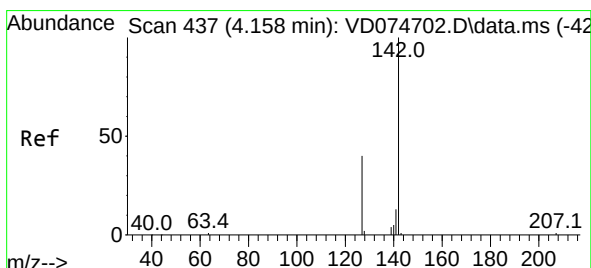
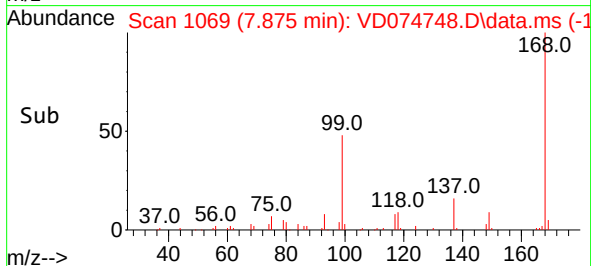
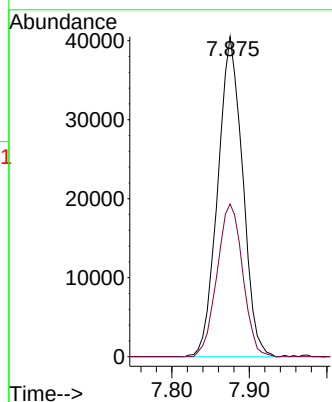
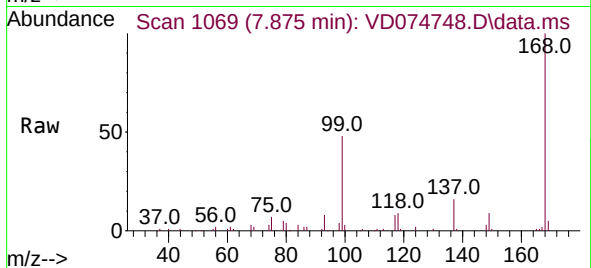




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074748.D
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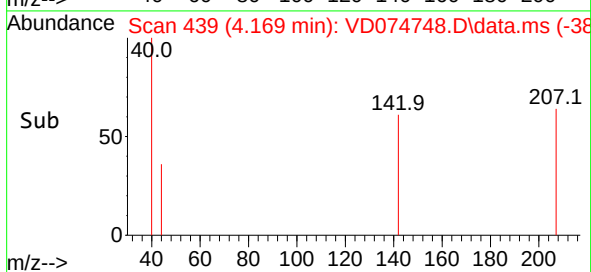
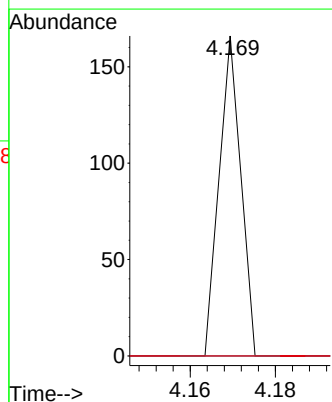
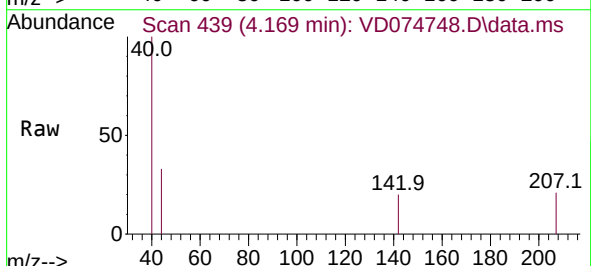
Instrument :
MSVOA_D
ClientSampleId :
SH-1

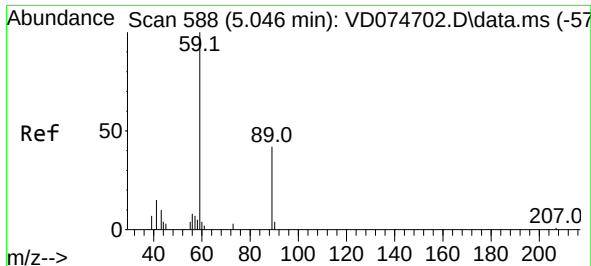
Tgt Ion:168 Resp: 90058
Ion Ratio Lower Upper
168 100
99 47.7 40.9 61.3



#10
Methyl Iodide
Concen: 5.599 ug/l
RT: 4.169 min Scan# 439
Delta R.T. 0.011 min
Lab File: VD074748.D
Acq: 04 Nov 2022 19:56

Tgt Ion:142 Resp: 59
Ion Ratio Lower Upper
142 100
127 0.0 31.9 47.9#
141 0.0 11.4 17.2#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.993 min Scan# 51

Delta R.T. -0.053 min

Lab File: VD074748.D

Acq: 04 Nov 2022 19:56

Instrument :

MSVOA_D

ClientSampleId :

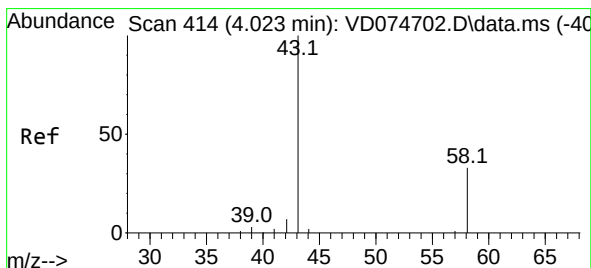
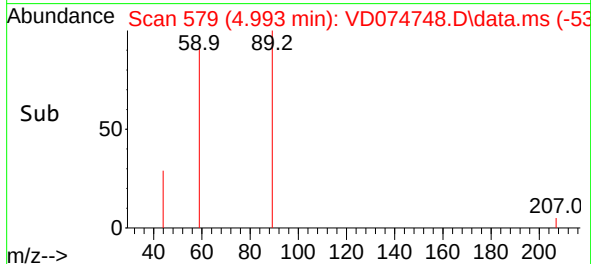
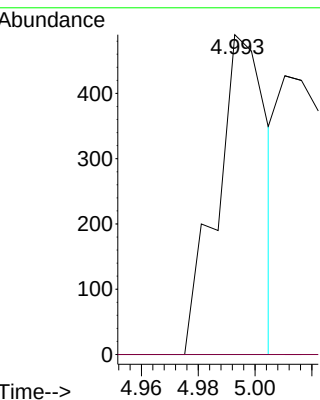
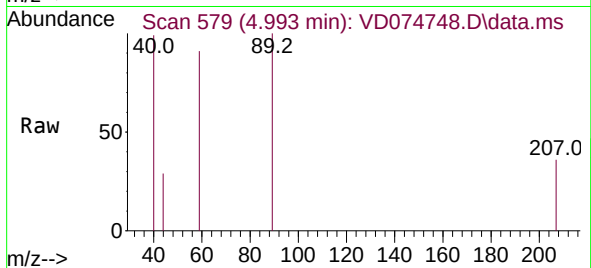
SH-1

Tgt Ion: 59 Resp: 598

Ion Ratio Lower Upper

59 100

57 0.0 4.4 6.6#



#16

Acetone

Concen: 12.496 ug/l

RT: 4.028 min Scan# 415

Delta R.T. 0.005 min

Lab File: VD074748.D

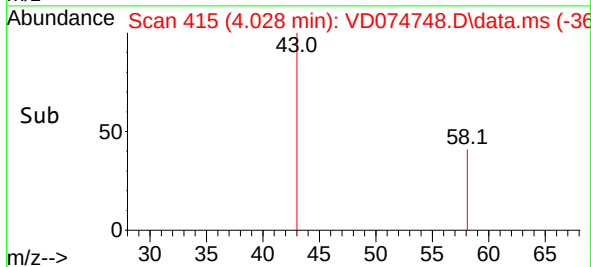
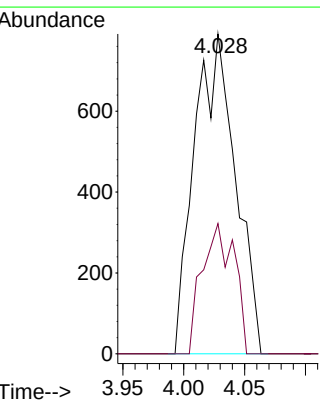
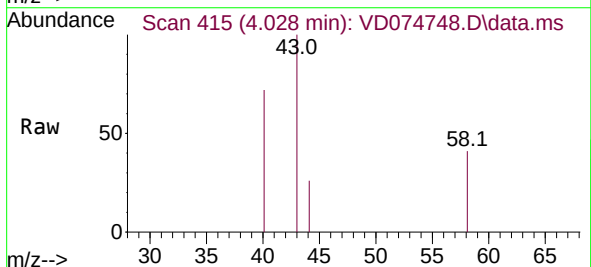
Acq: 04 Nov 2022 19:56

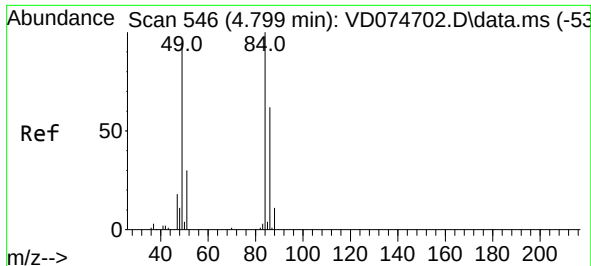
Tgt Ion: 43 Resp: 1860

Ion Ratio Lower Upper

43 100

58 40.7 30.2 45.2

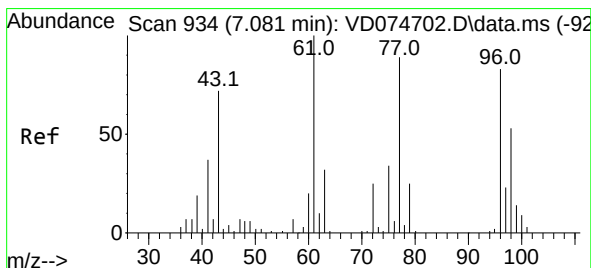
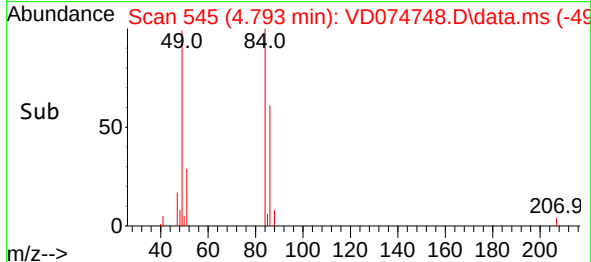
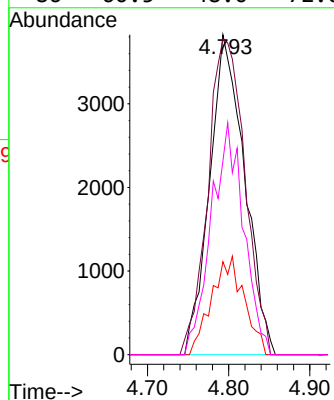
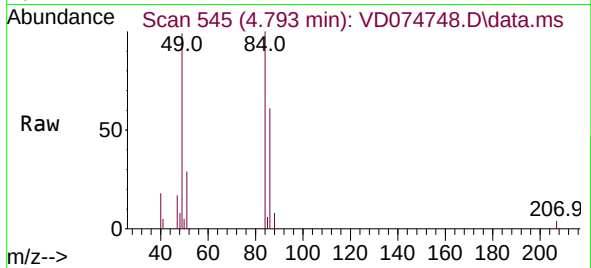




#20
Methylene Chloride
Concen: Below Cal
RT: 4.793 min Scan# 546
Delta R.T. -0.006 min
Lab File: VD074748.D
Acq: 04 Nov 2022 19:56

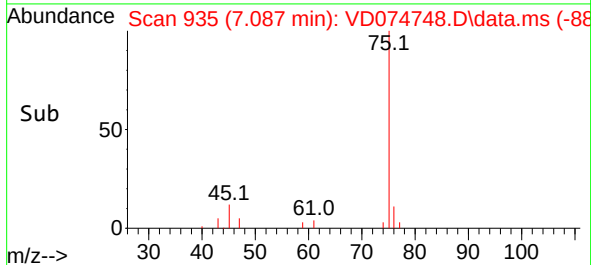
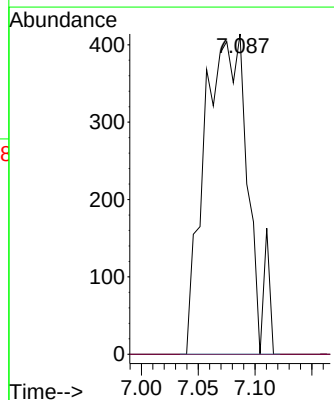
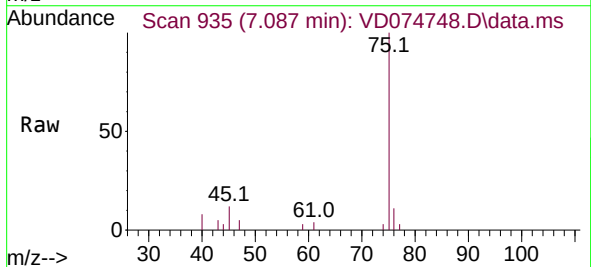
Instrument :
MSVOA_D
ClientSampleId :
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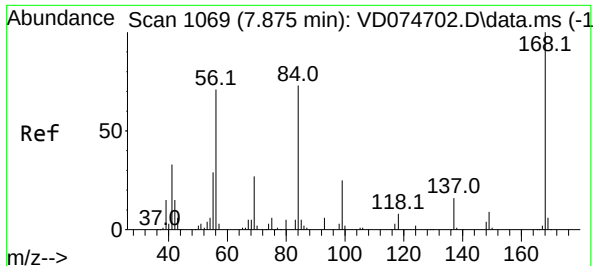
Tgt Ion:	84	Resp:	11463
Ion	Ratio	Lower	Upper
84	100		
49	98.5	68.0	102.0
51	29.1	23.2	34.8
86	60.5	48.0	72.0



#25
2-Butanone
Concen: 5.385 ug/l
RT: 7.087 min Scan# 935
Delta R.T. 0.006 min
Lab File: VD074748.D
Acq: 04 Nov 2022 19:56

Tgt Ion:	43	Resp:	1102
Ion	Ratio	Lower	Upper
43	100		
72	0.0	25.8	38.8#

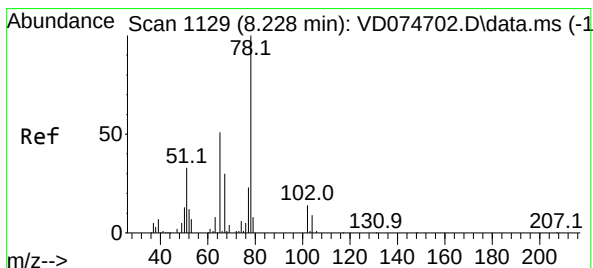
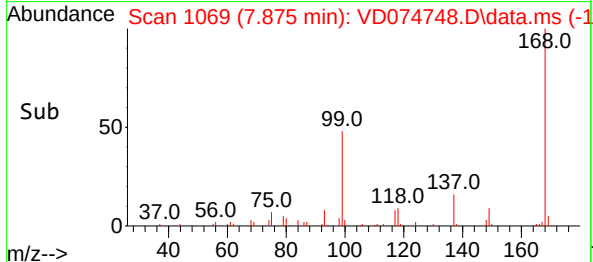
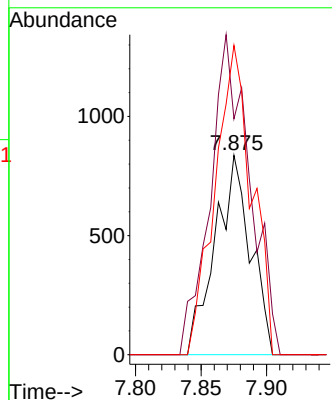
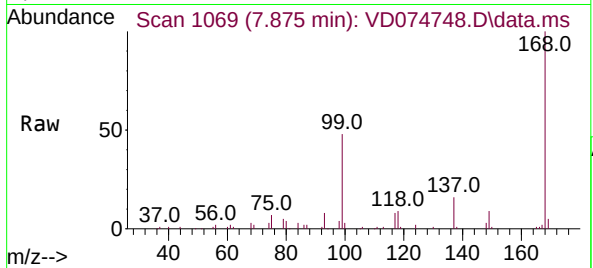




#31
Cyclohexane
Concen: 1.089 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074748.D
Acq: 04 Nov 2022 19:56

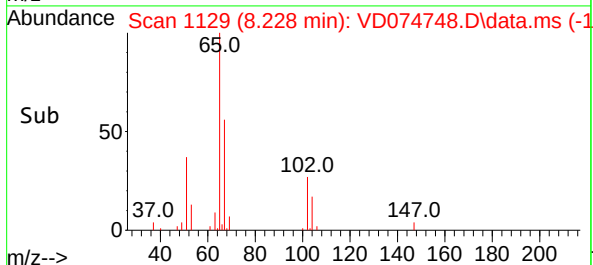
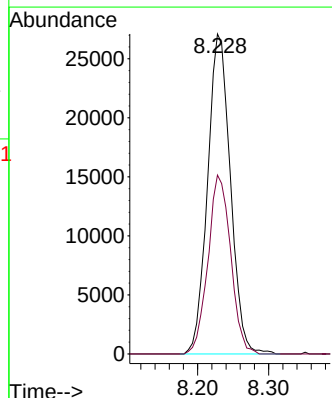
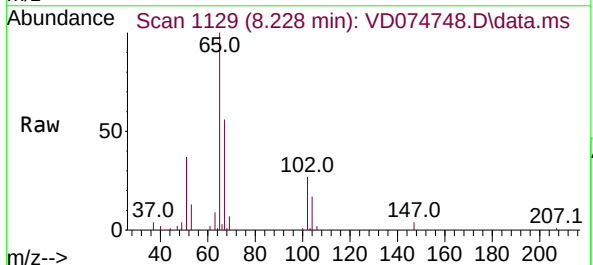
Instrument :
MSVOA_D
ClientSampleId :
SH-1

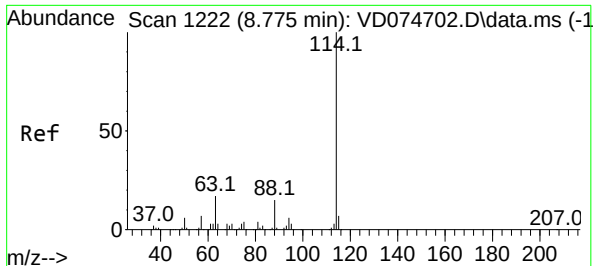
Tgt Ion: 56 Resp: 1572
Ion Ratio Lower Upper
56 100
69 118.3 29.2 43.8#
84 155.1 83.4 125.2#



#33
1,2-Dichloroethane-d4
Concen: 84.789 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD074748.D
Acq: 04 Nov 2022 19:56

Tgt Ion: 65 Resp: 60478
Ion Ratio Lower Upper
65 100
67 55.5 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD074748.D

Acq: 04 Nov 2022 19:56

Instrument :

MSVOA_D

ClientSampleId :

SH-1

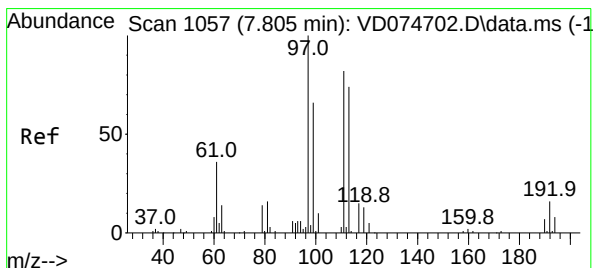
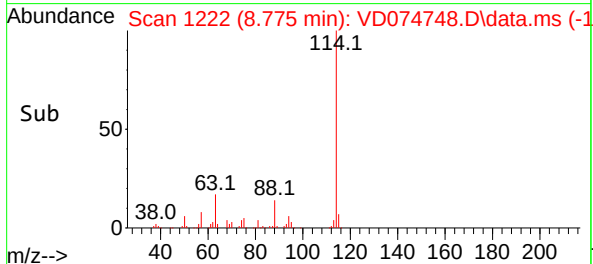
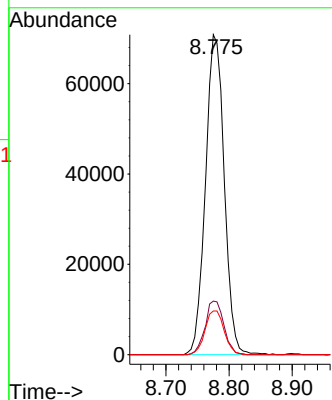
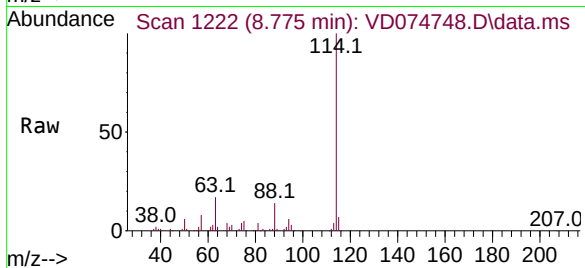
Tgt Ion:114 Resp: 146208

Ion Ratio Lower Upper

114 100

63 16.8 0.0 33.2

88 13.6 0.0 28.2



#35

Dibromofluoromethane

Concen: 78.591 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.005 min

Lab File: VD074748.D

Acq: 04 Nov 2022 19:56

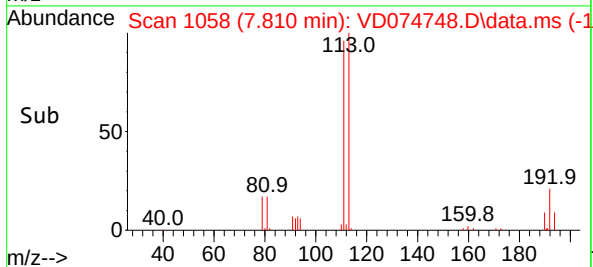
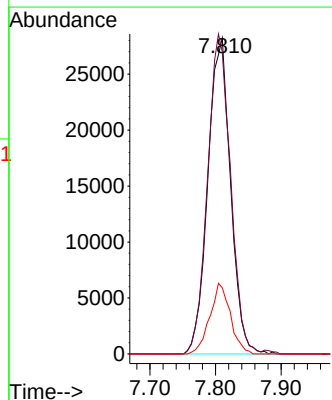
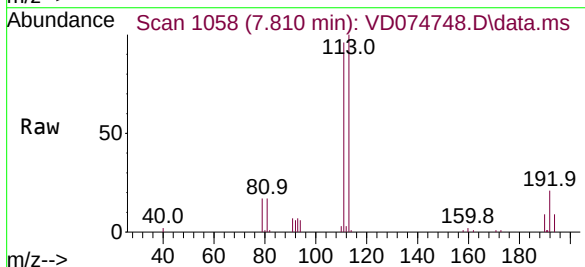
Tgt Ion:113 Resp: 67972

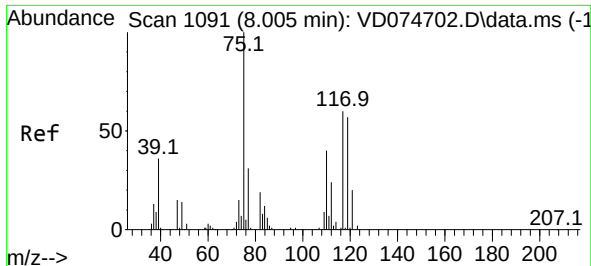
Ion Ratio Lower Upper

113 100

111 102.2 82.3 123.5

192 20.2 16.4 24.6





#36

1,1-Dichloropropene

Concen: 4.927 ug/l

RT: 7.875 min Scan# 1

Delta R.T. -0.130 min

Lab File: VD074748.D

Acq: 04 Nov 2022 19:56

Instrument :

MSVOA_D

ClientSampleId :

SH-1

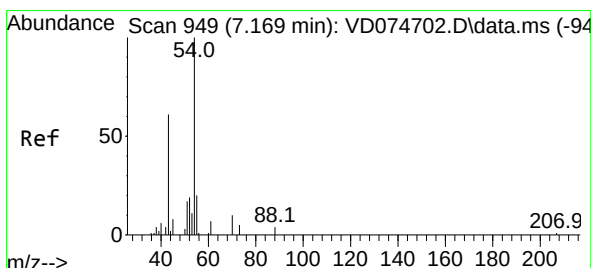
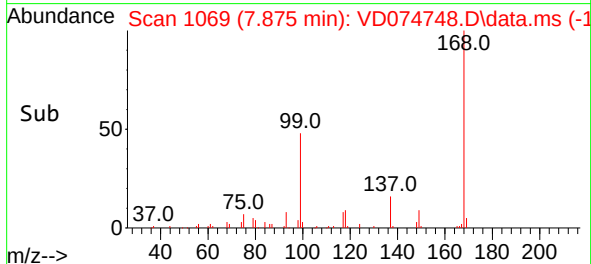
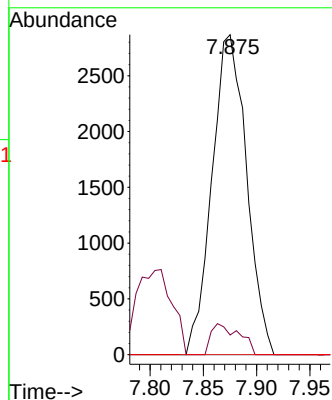
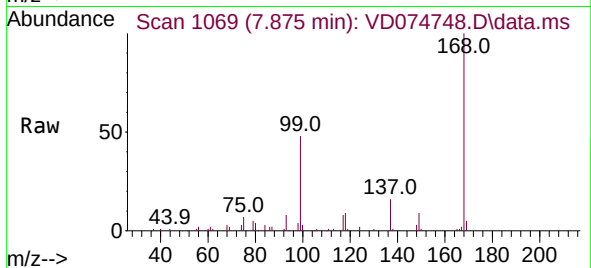
Tgt Ion: 75 Resp: 6468

Ion Ratio Lower Upper

75 100

110 7.9 19.7 59.0#

77 0.0 25.4 38.2#



#37

Ethyl Acetate

Concen: 2.516 ug/l

RT: 7.087 min Scan# 935

Delta R.T. -0.082 min

Lab File: VD074748.D

Acq: 04 Nov 2022 19:56

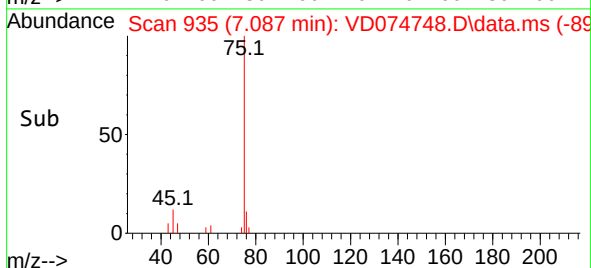
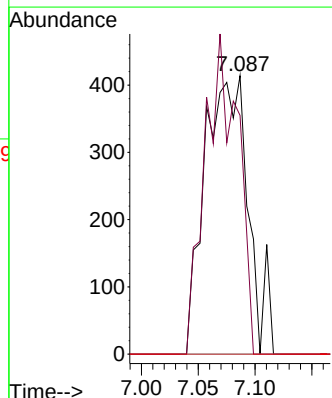
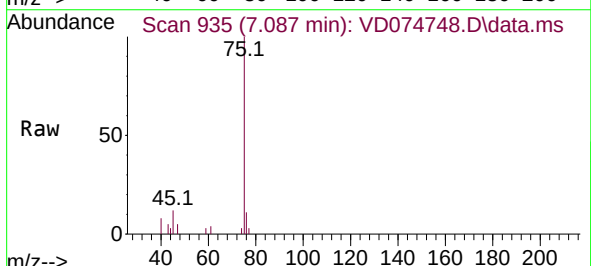
Tgt Ion: 43 Resp: 1102

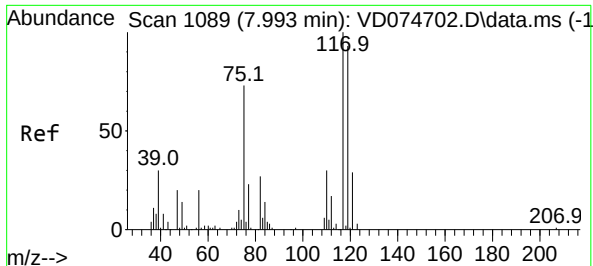
Ion Ratio Lower Upper

43 100

61 87.2 12.2 18.4#

70 0.0 9.6 14.4#

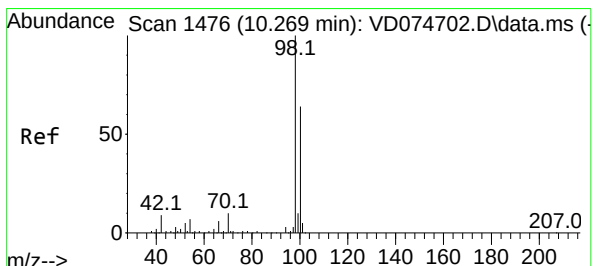
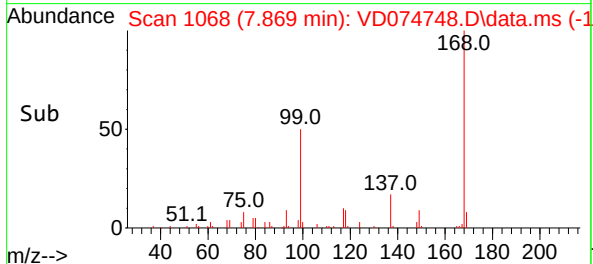
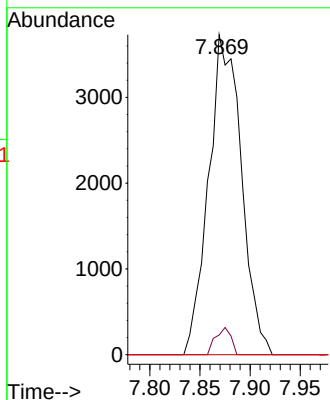
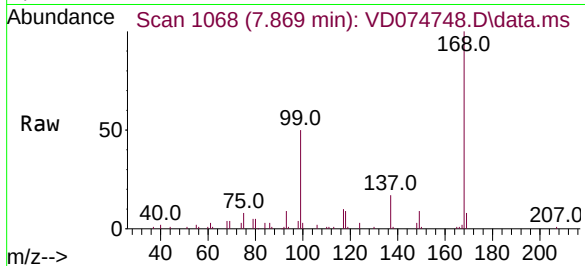




#38
Carbon Tetrachloride
Concen: 6.823 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.124 min
Lab File: VD074748.D
Acq: 04 Nov 2022 19:56

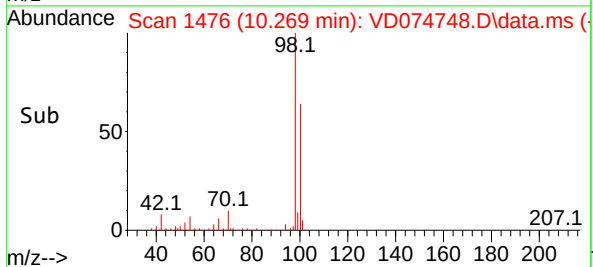
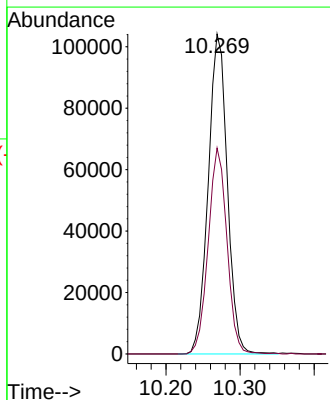
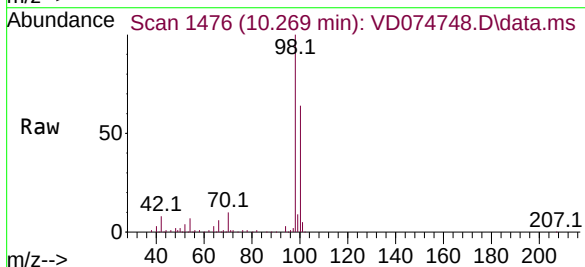
Instrument :
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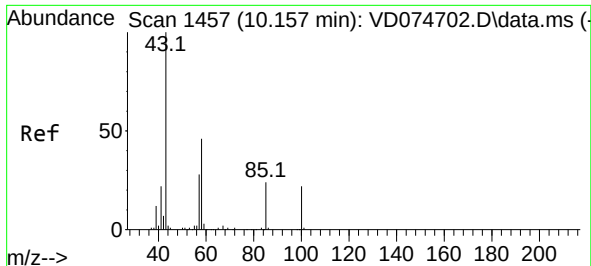
Tgt Ion:117 Resp: 8486
Ion Ratio Lower Upper
117 100
119 6.1 73.1 109.7#
121 0.0 25.0 37.6#



#50
Toluene-d8
Concen: 59.049 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074748.D
Acq: 04 Nov 2022 19:56

Tgt Ion: 98 Resp: 186288
Ion Ratio Lower Upper
98 100
100 63.1 51.4 77.0





#51

4-Methyl-2-Pentanone

Concen: 1.232 ug/l

RT: 10.269 min Scan# 1457

Delta R.T. 0.112 min

Lab File: VD074748.D

Acq: 04 Nov 2022 19:56

Instrument :

MSVOA_D

ClientSampleId :

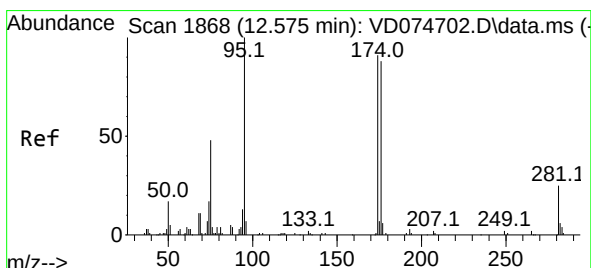
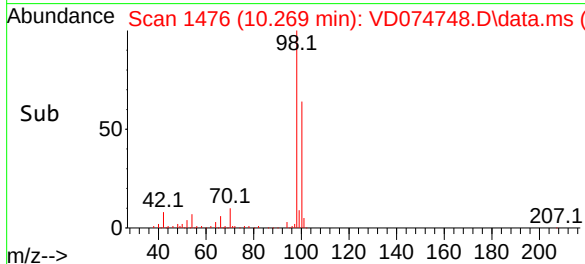
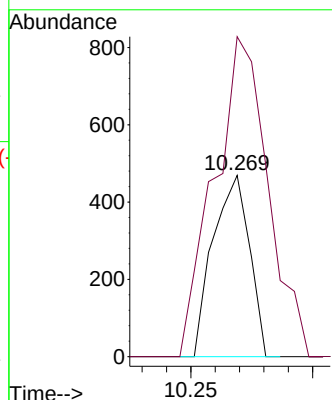
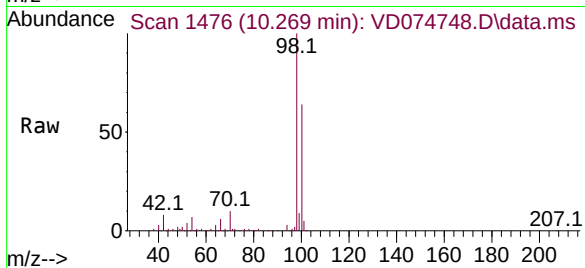
SH-1

Tgt Ion: 43 Resp: 487

Ion Ratio Lower Upper

43 100

58 261.0 37.8 56.6#



#62

4-Bromofluorobenzene

Concen: 65.635 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. -0.000 min

Lab File: VD074748.D

Acq: 04 Nov 2022 19:56

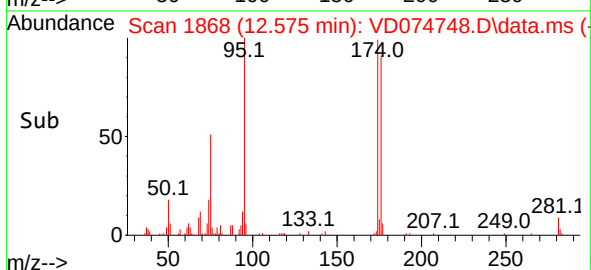
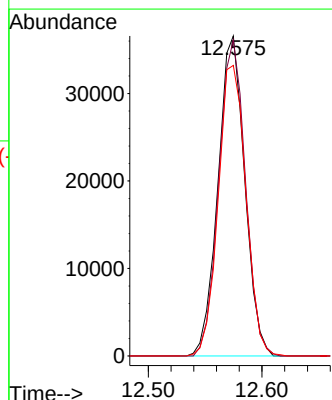
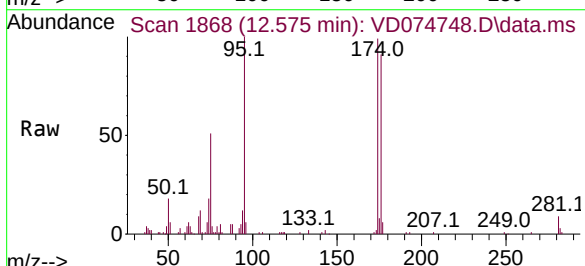
Tgt Ion: 95 Resp: 59787

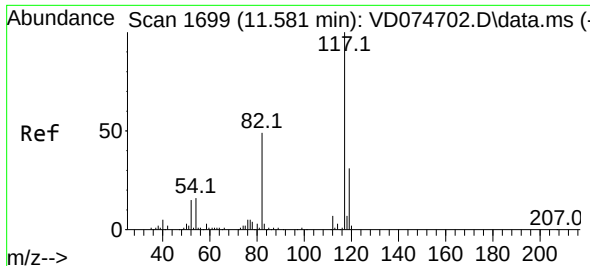
Ion Ratio Lower Upper

95 100

174 98.2 0.0 197.0

176 94.1 0.0 182.6

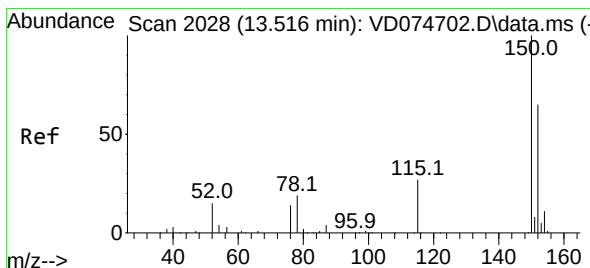
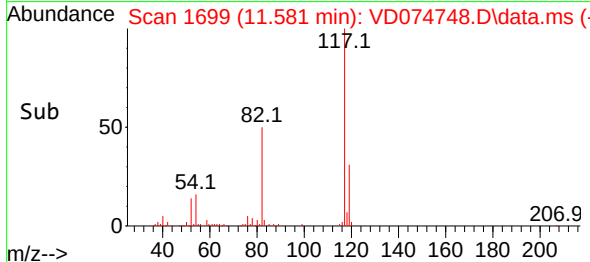
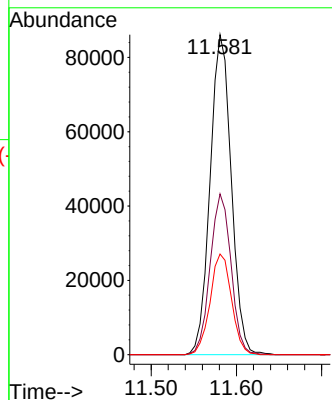
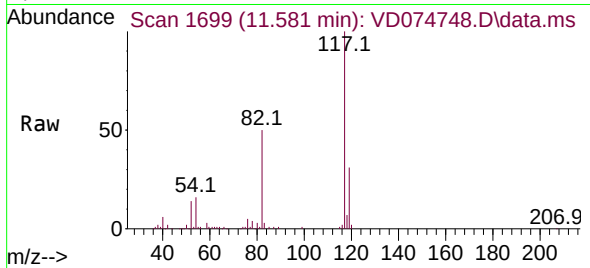




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD074748.D
Acq: 04 Nov 2022 19:56

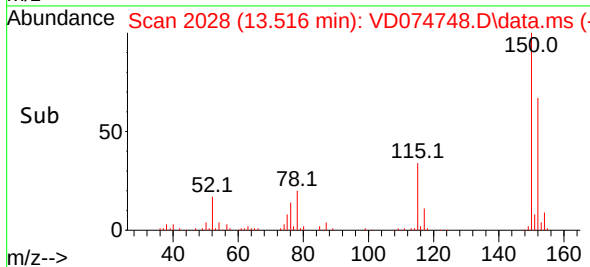
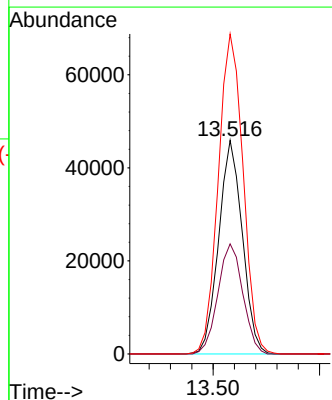
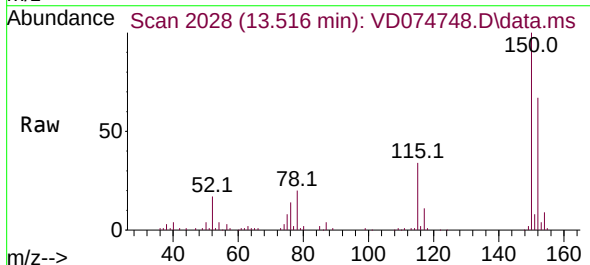
Instrument :
MSVOA_D
ClientSampleId :
SH-1

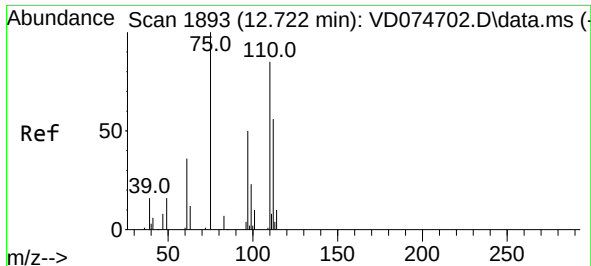
Tgt Ion:117 Resp: 148609
Ion Ratio Lower Upper
117 100
82 50.2 41.6 62.4
119 31.5 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD074748.D
Acq: 04 Nov 2022 19:56

Tgt Ion:152 Resp: 70709
Ion Ratio Lower Upper
152 100
115 54.1 26.8 80.4
150 156.9 0.0 348.2

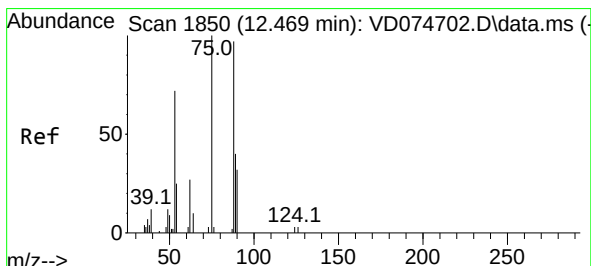
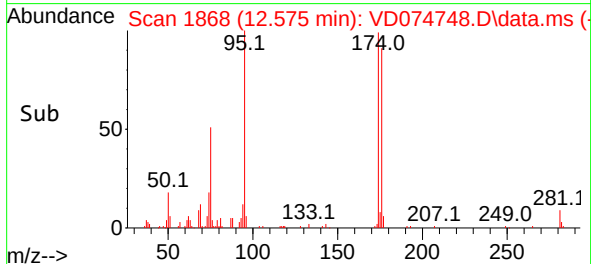
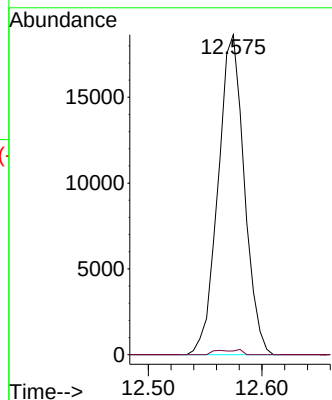
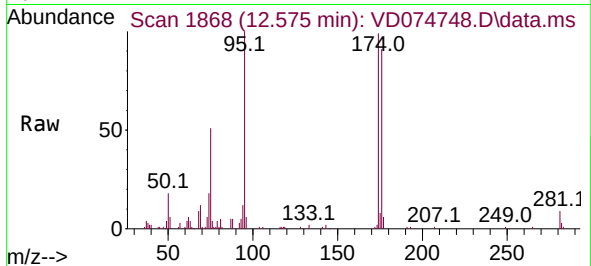




#76
1,2,3-Trichloropropane
Concen: 54.515 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.147 min
Lab File: VD074748.D
Acq: 04 Nov 2022 19:56

Instrument :
MSVOA_D
ClientSampleId :
SH-1

Tgt Ion: 75 Resp: 29882
Ion Ratio Lower Upper
75 100
77 1.4 185.8 557.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 129.406 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD074748.D
Acq: 04 Nov 2022 19:56

Tgt Ion: 75 Resp: 29882
Ion Ratio Lower Upper
75 100
53 0.0 63.8 95.6#
89 0.0 38.2 57.4#

