

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111022\
 Data File : VD074878.D
 Acq On : 10 Nov 2022 20:02
 Operator : VA/SY
 Sample : N5491-10RE
 Misc : 5.09G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-4

Quant Time: Nov 11 07:19:36 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	168676	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	306800	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	271517	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	111986	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	65901	49.329	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.660%
35) Dibromofluoromethane	7.805	113	84941	46.803	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.600%
50) Toluene-d8	10.269	98	270035	40.791	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	81.580%
62) 4-Bromofluorobenzene	12.575	95	81779	42.785	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	85.560%

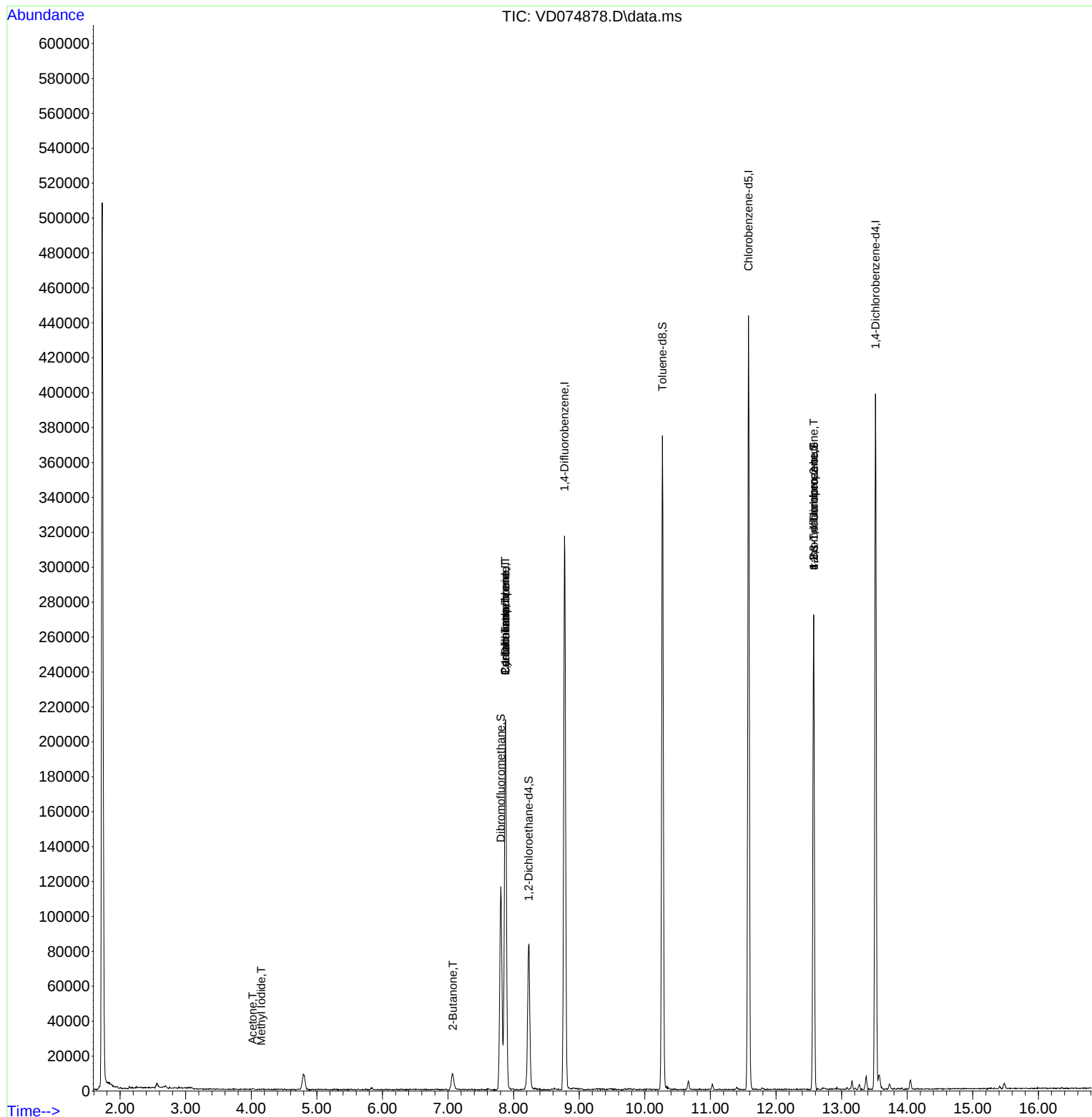
Target Compounds			Qvalue			
10) Methyl Iodide	4.152	142	171	5.622	ug/l #	43
11) Tert butyl alcohol	5.028	59	54	Below Cal	#	84
16) Acetone	4.022	43	494	1.772	ug/l #	59
20) Methylene Chloride	4.793	84	7782	Below Cal	#	91
25) 2-Butanone	7.075	43	638	1.664	ug/l #	42
31) Cyclohexane	7.875	56	2904	1.074	ug/l #	14
36) 1,1-Dichloropropene	7.875	75	11978	4.348	ug/l #	47
38) Carbon Tetrachloride	7.875	117	16794	6.435	ug/l #	19
76) 1,2,3-Trichloropropane	12.575	75	39285	45.253	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.575	75	39285	107.419	ug/l #	17

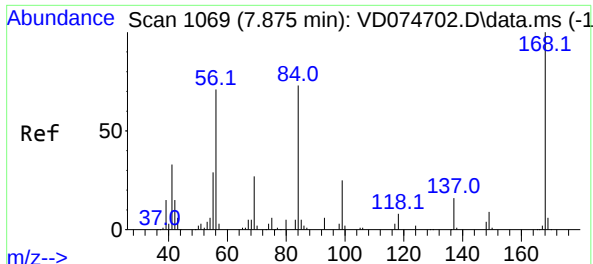
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111022\
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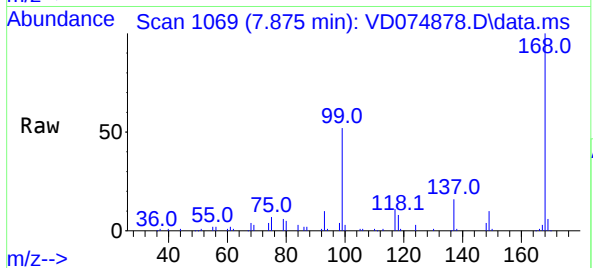
Quant Time: Nov 11 07:19:36 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110222S.M
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QLast Update : Thu Nov 03 02:30:45 2022
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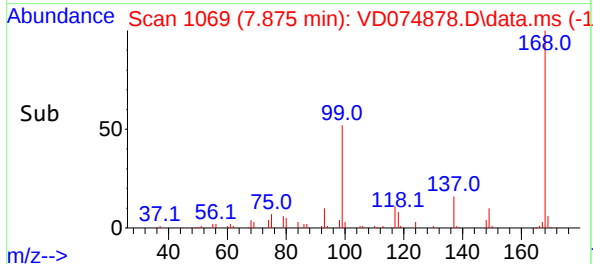
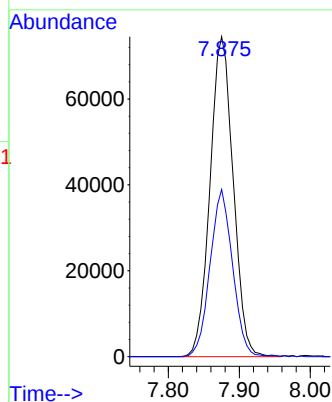


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074878.D
Acq: 10 Nov 2022 20:02

Instrument :
MSVOA_D
ClientSampleId :
TP-4

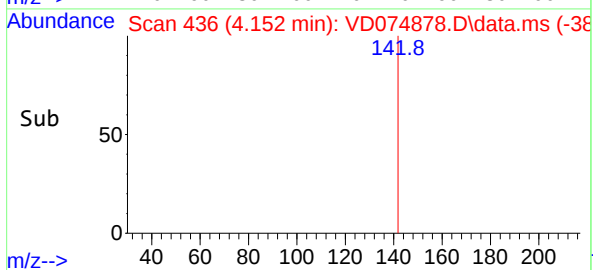
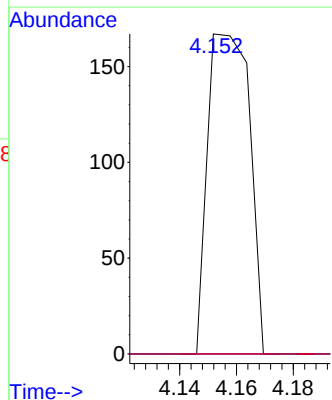
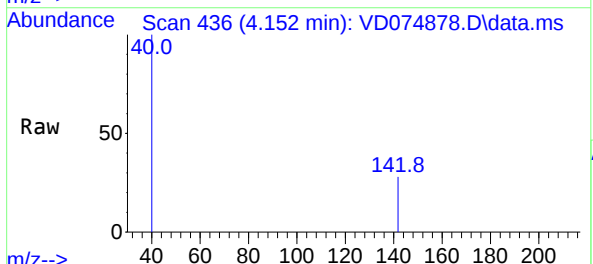


Tgt Ion:168 Resp: 168676
Ion Ratio Lower Upper
168 100
99 52.3 40.9 61.3



#10
Methyl Iodide
Concen: 5.622 ug/l
RT: 4.152 min Scan# 436
Delta R.T. -0.006 min
Lab File: VD074878.D
Acq: 10 Nov 2022 20:02

Tgt Ion:142 Resp: 171
Ion Ratio Lower Upper
142 100
127 0.0 31.9 47.9#
141 0.0 11.4 17.2#

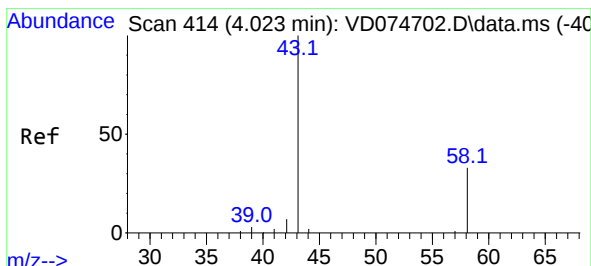
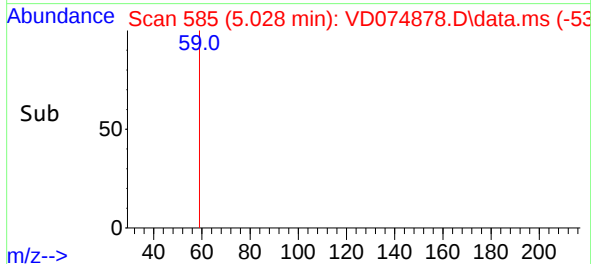
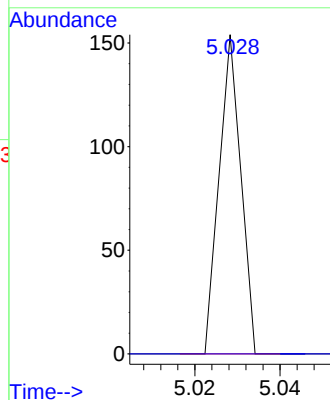
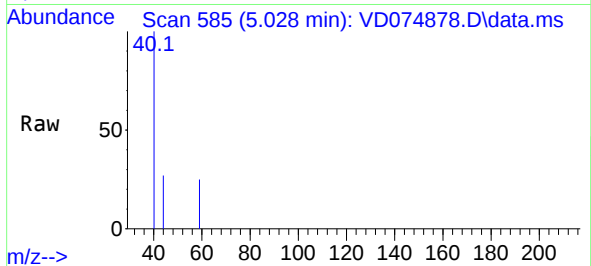




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.028 min Scan# 51
Delta R.T. -0.018 min
Lab File: VD074878.D
Acq: 10 Nov 2022 20:02

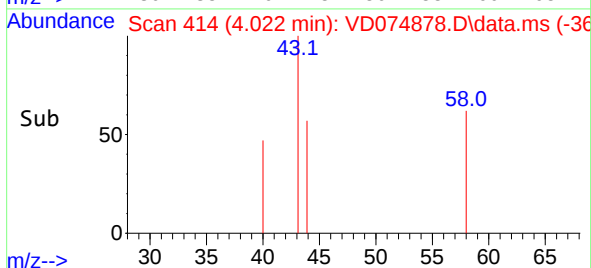
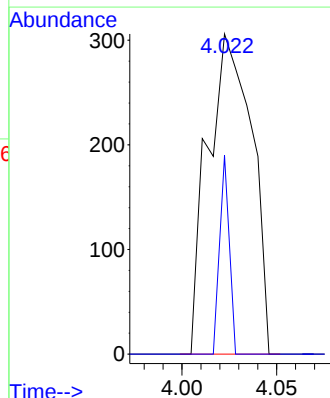
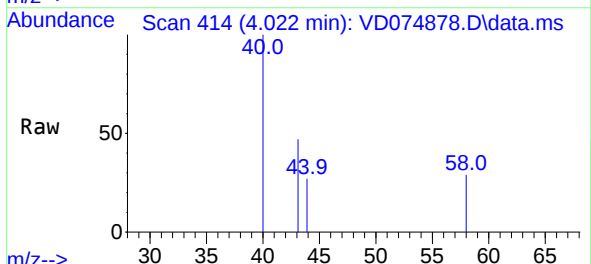
Instrument :
MSVOA_D
ClientSampleId :
TP-4

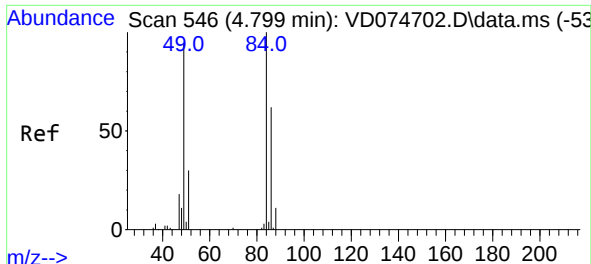
Tgt Ion: 59 Resp: 54
Ion Ratio Lower Upper
59 100
57 0.0 4.4 6.6#



#16
Acetone
Concen: 1.772 ug/l
RT: 4.022 min Scan# 414
Delta R.T. -0.001 min
Lab File: VD074878.D
Acq: 10 Nov 2022 20:02

Tgt Ion: 43 Resp: 494
Ion Ratio Lower Upper
43 100
58 62.1 30.2 45.2#



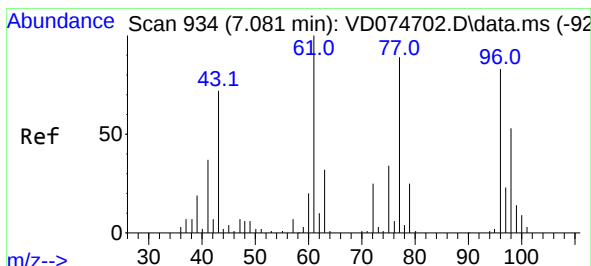
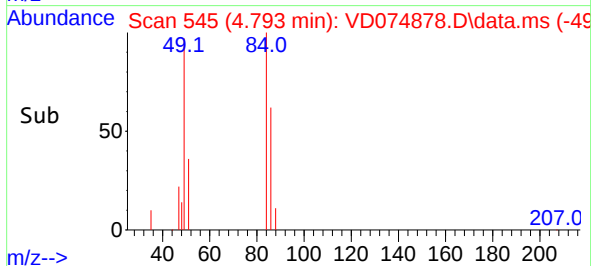
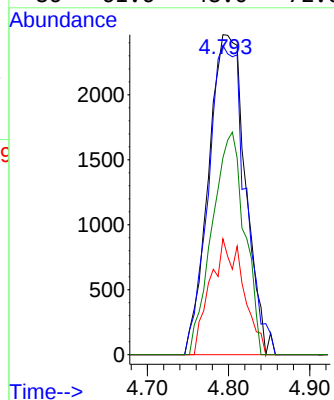
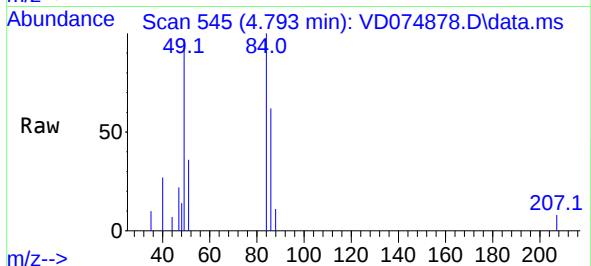


#20
Methylene Chloride
Concen: Below Cal
RT: 4.793 min Scan# 546
Delta R.T. -0.006 min
Lab File: VD074878.D
Acq: 10 Nov 2022 20:02

Instrument :
MSVOA_D
ClientSampleId :
TP-4

Tgt Ion: 84 Resp: 7782

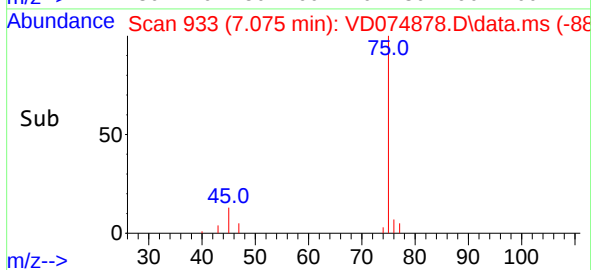
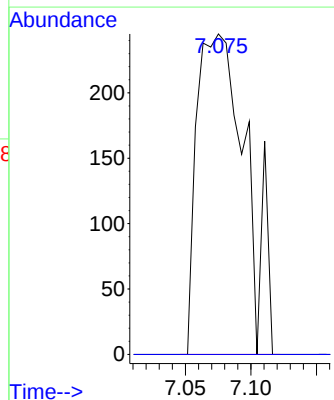
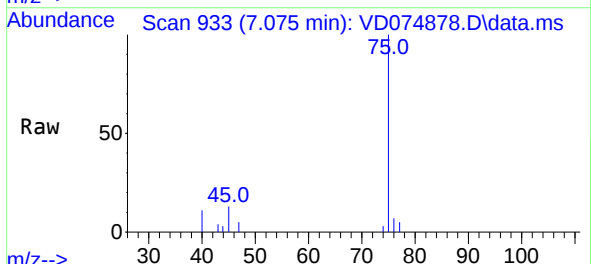
Ion	Ratio	Lower	Upper
84	100		
49	96.6	68.0	102.0
51	36.2	23.2	34.8
86	61.6	48.0	72.0

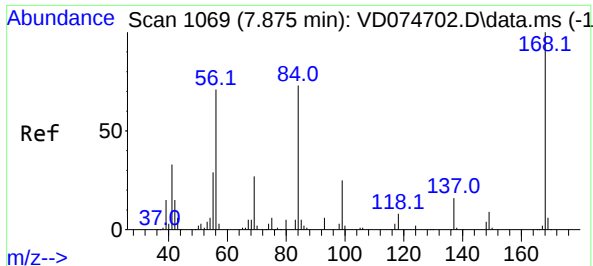


#25
2-Butanone
Concen: 1.664 ug/l
RT: 7.075 min Scan# 933
Delta R.T. -0.006 min
Lab File: VD074878.D
Acq: 10 Nov 2022 20:02

Tgt Ion: 43 Resp: 638

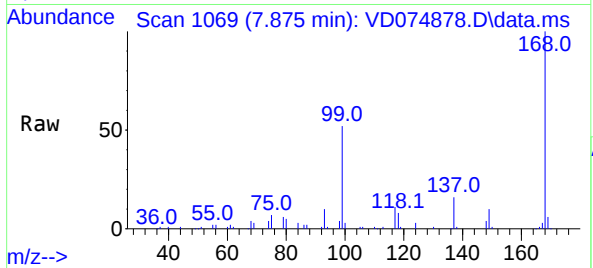
Ion	Ratio	Lower	Upper
43	100		
72	0.0	25.8	38.8



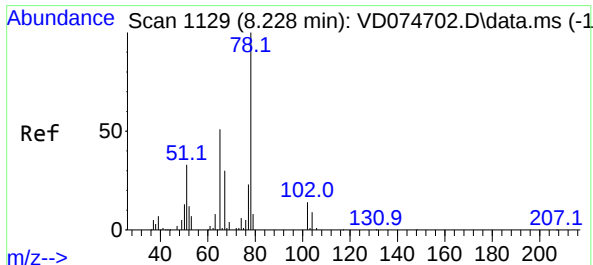
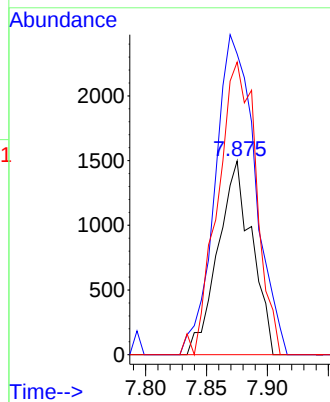
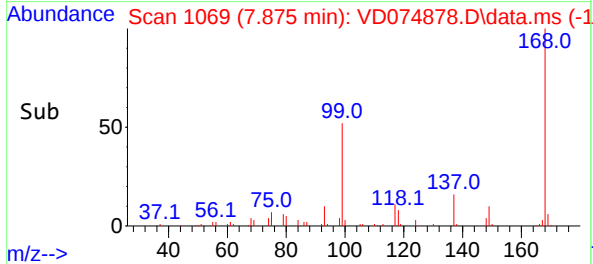


#31
Cyclohexane
Concen: 1.074 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074878.D
Acq: 10 Nov 2022 20:02

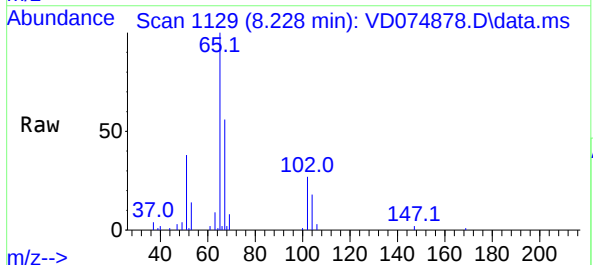
Instrument :
MSVOA_D
ClientSampleId :
TP-4



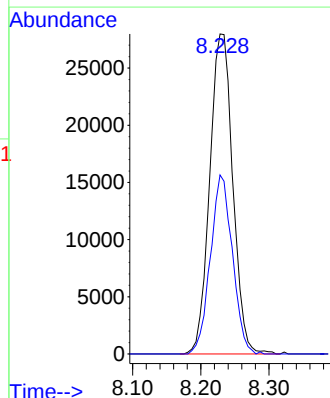
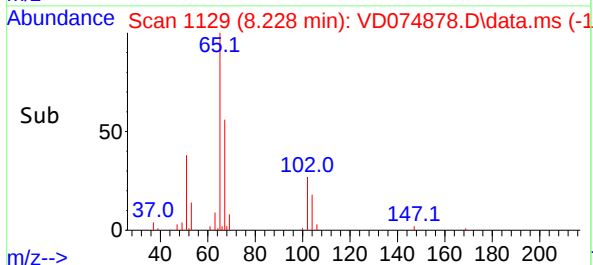
Tgt Ion: 56 Resp: 2904
Ion Ratio Lower Upper
56 100
69 155.2 29.2 43.8#
84 151.0 83.4 125.2#

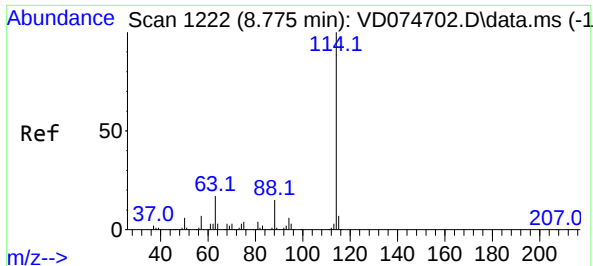


#33
1,2-Dichloroethane-d4
Concen: 49.329 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD074878.D
Acq: 10 Nov 2022 20:02



Tgt Ion: 65 Resp: 65901
Ion Ratio Lower Upper
65 100
67 53.4 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: VD074878.D

Acq: 10 Nov 2022 20:02

Instrument :

MSVOA_D

ClientSampleId :

TP-4

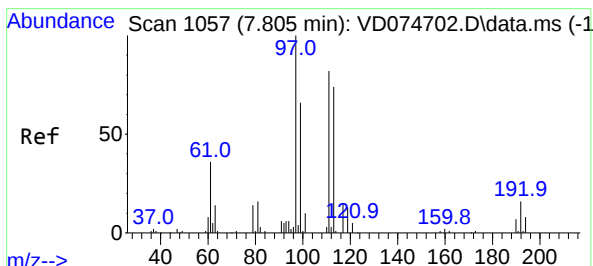
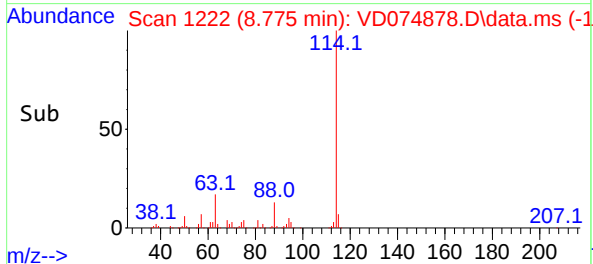
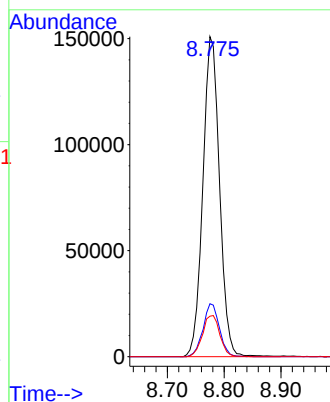
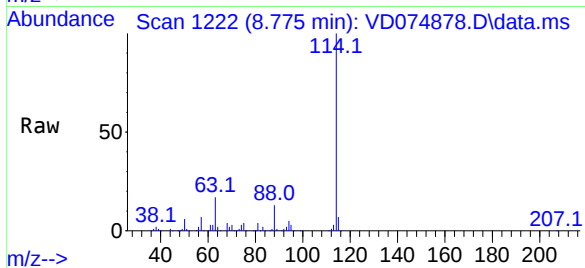
Tgt Ion:114 Resp: 306800

Ion Ratio Lower Upper

114 100

63 16.6 0.0 33.2

88 12.6 0.0 28.2



#35

Dibromofluoromethane

Concen: 46.803 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD074878.D

Acq: 10 Nov 2022 20:02

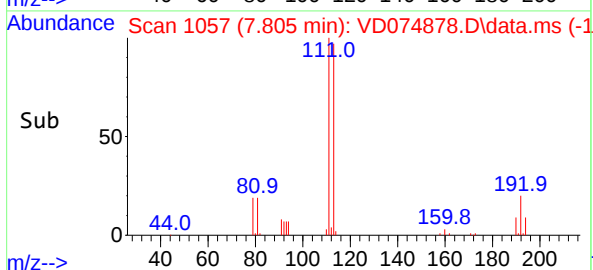
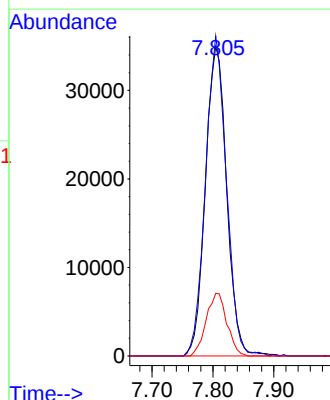
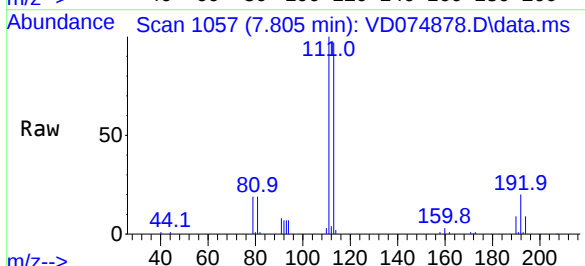
Tgt Ion:113 Resp: 84941

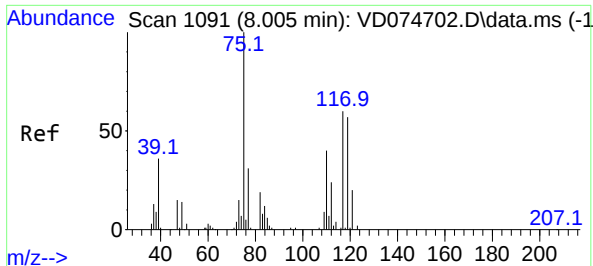
Ion Ratio Lower Upper

113 100

111 101.6 82.3 123.5

192 19.6 16.4 24.6





#36

1,1-Dichloropropene

Concen: 4.348 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.130 min

Lab File: VD074878.D

Acq: 10 Nov 2022 20:02

Instrument :

MSVOA_D

ClientSampleId :

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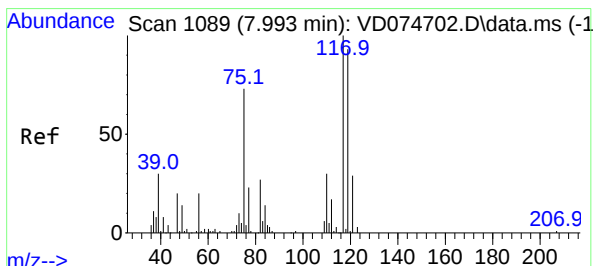
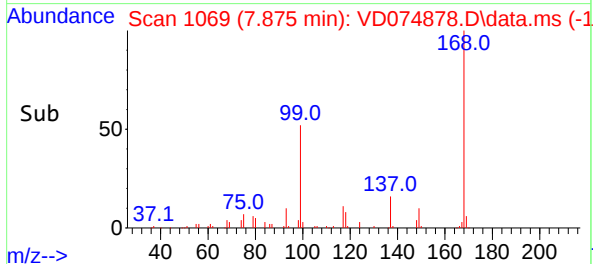
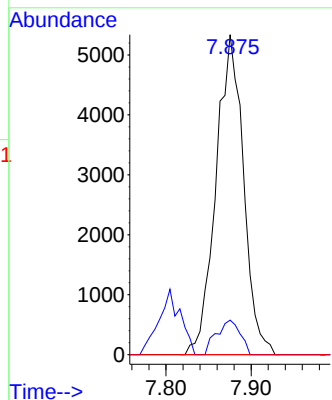
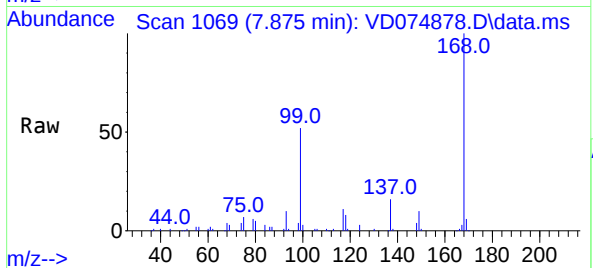
Tgt Ion: 75 Resp: 11978

Ion Ratio Lower Upper

75 100

110 9.3 19.7 59.0#

77 0.0 25.4 38.2#



#38

Carbon Tetrachloride

Concen: 6.435 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.118 min

Lab File: VD074878.D

Acq: 10 Nov 2022 20:02

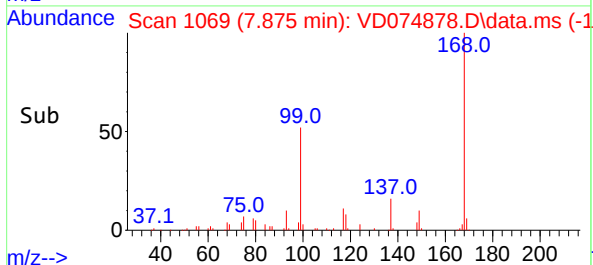
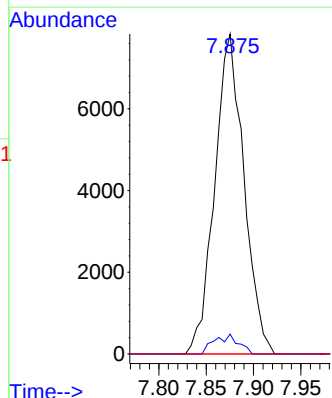
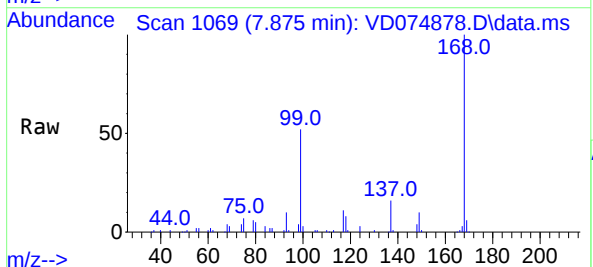
Tgt Ion: 117 Resp: 16794

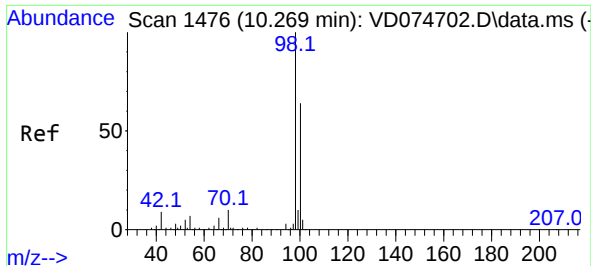
Ion Ratio Lower Upper

117 100

119 6.2 73.1 109.7#

121 0.0 25.0 37.6#

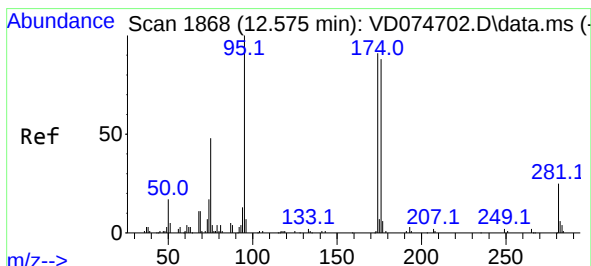
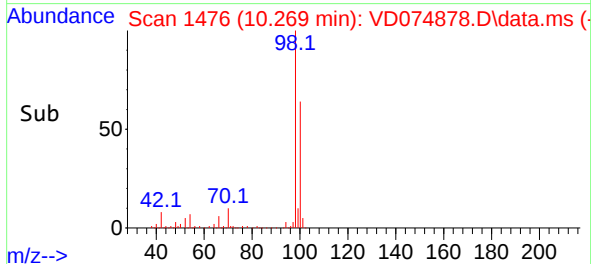
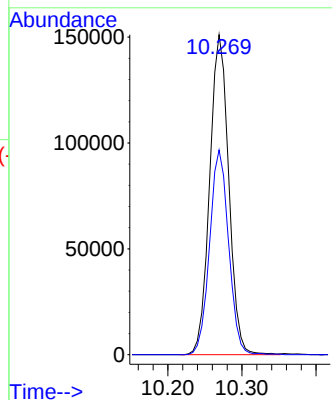
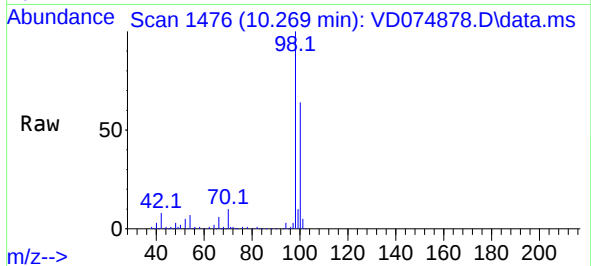




#50
Toluene-d8
Concen: 40.791 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074878.D
Acq: 10 Nov 2022 20:02

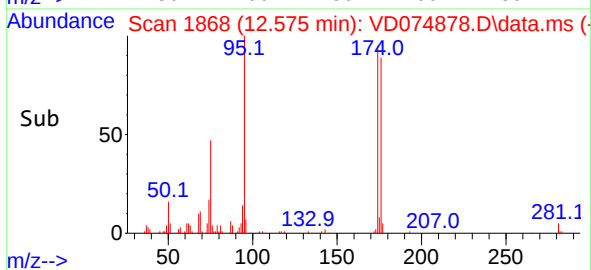
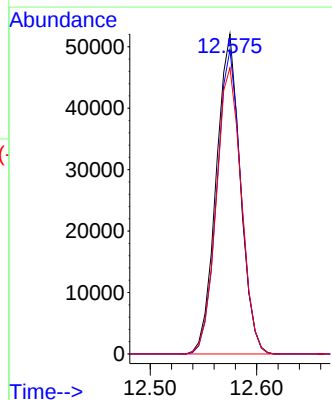
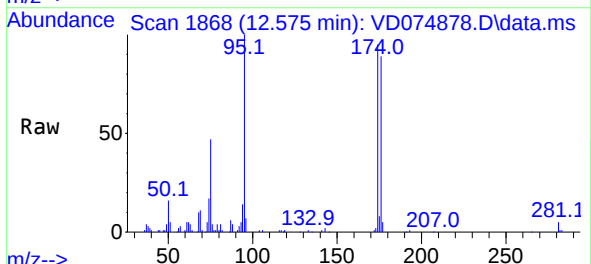
Instrument :
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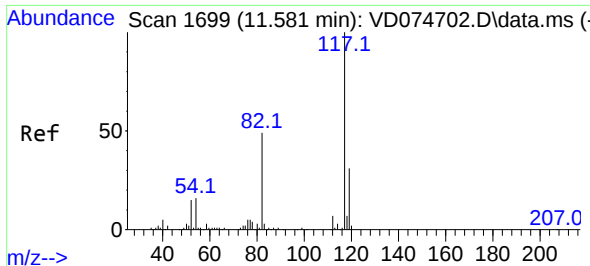
Tgt Ion: 98 Resp: 270035
Ion Ratio Lower Upper
98 100
100 63.9 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 42.785 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD074878.D
Acq: 10 Nov 2022 20:02

Tgt Ion: 95 Resp: 81779
Ion Ratio Lower Upper
95 100
174 94.7 0.0 197.0
176 92.4 0.0 182.6

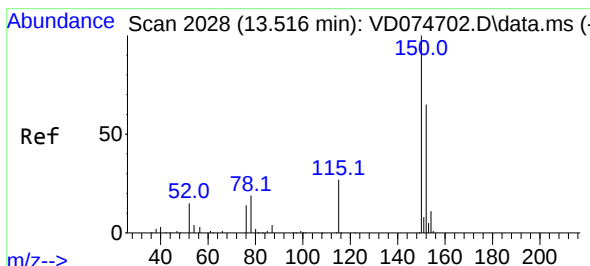
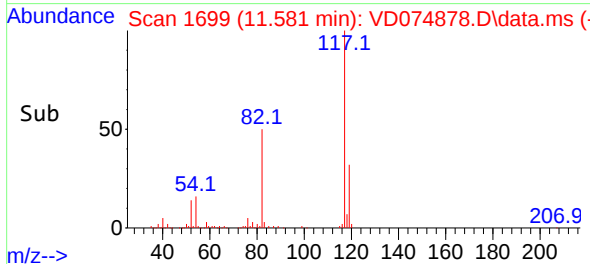
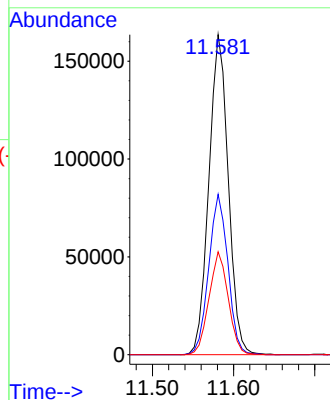
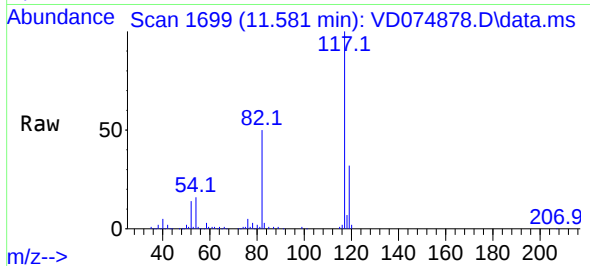




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD074878.D
Acq: 10 Nov 2022 20:02

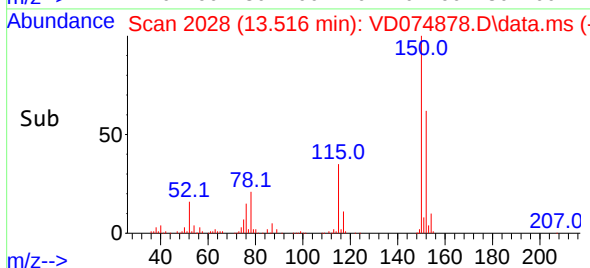
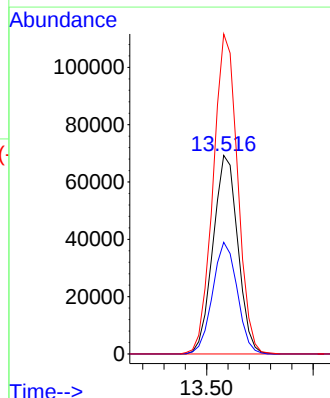
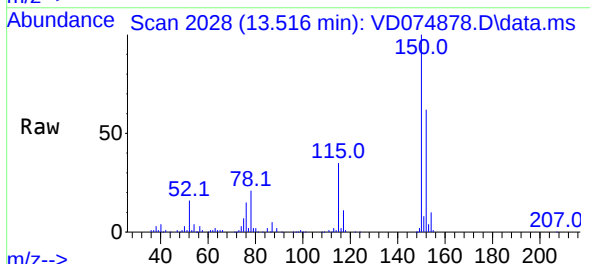
Instrument :
MSVOA_D
ClientSampleId :
TP-4

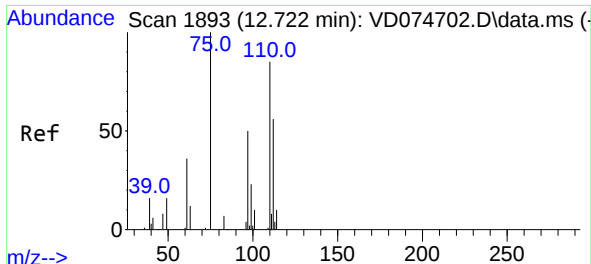
Tgt Ion:117 Resp: 271517
Ion Ratio Lower Upper
117 100
82 50.1 41.6 62.4
119 32.1 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD074878.D
Acq: 10 Nov 2022 20:02

Tgt Ion:152 Resp: 111986
Ion Ratio Lower Upper
152 100
115 55.9 26.8 80.4
150 159.0 0.0 348.2

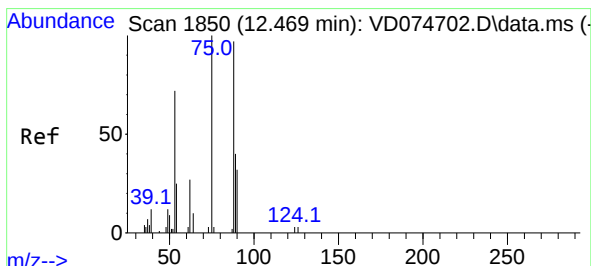
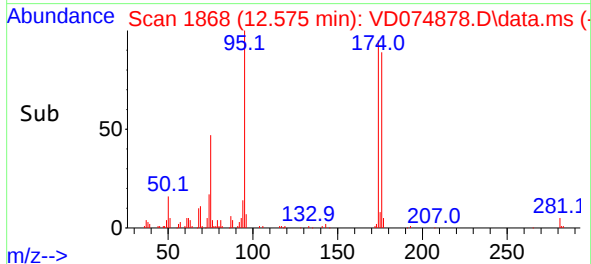
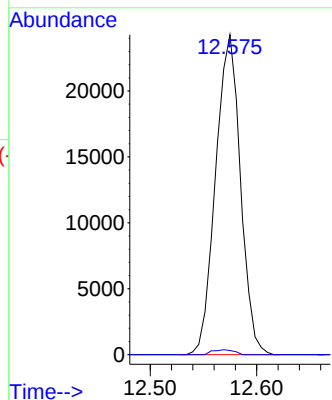
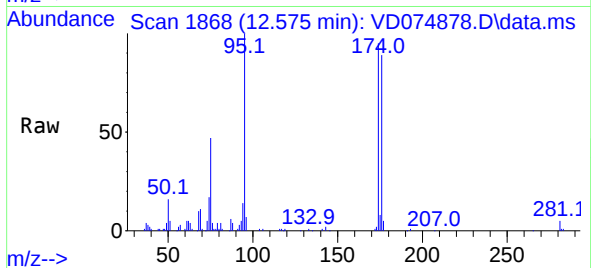




#76
1,2,3-Trichloropropane
Concen: 45.253 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.147 min
Lab File: VD074878.D
Acq: 10 Nov 2022 20:02

Instrument :
MSVOA_D
ClientSampleId :
TP-4

Tgt Ion: 75 Resp: 39285
Ion Ratio Lower Upper
75 100
77 1.4 185.8 557.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 107.419 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD074878.D
Acq: 10 Nov 2022 20:02

Tgt Ion: 75 Resp: 39285
Ion Ratio Lower Upper
75 100
53 0.0 63.8 95.6#
89 0.0 38.2 57.4#

