

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD100722\
 Data File : VD074481.D
 Acq On : 07 Oct 2022 10:07
 Operator : VA/SY
 Sample : VD1007SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Oct 08 02:23:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100522S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 06 01:54:40 2022
 Response via : Initial Calibration

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

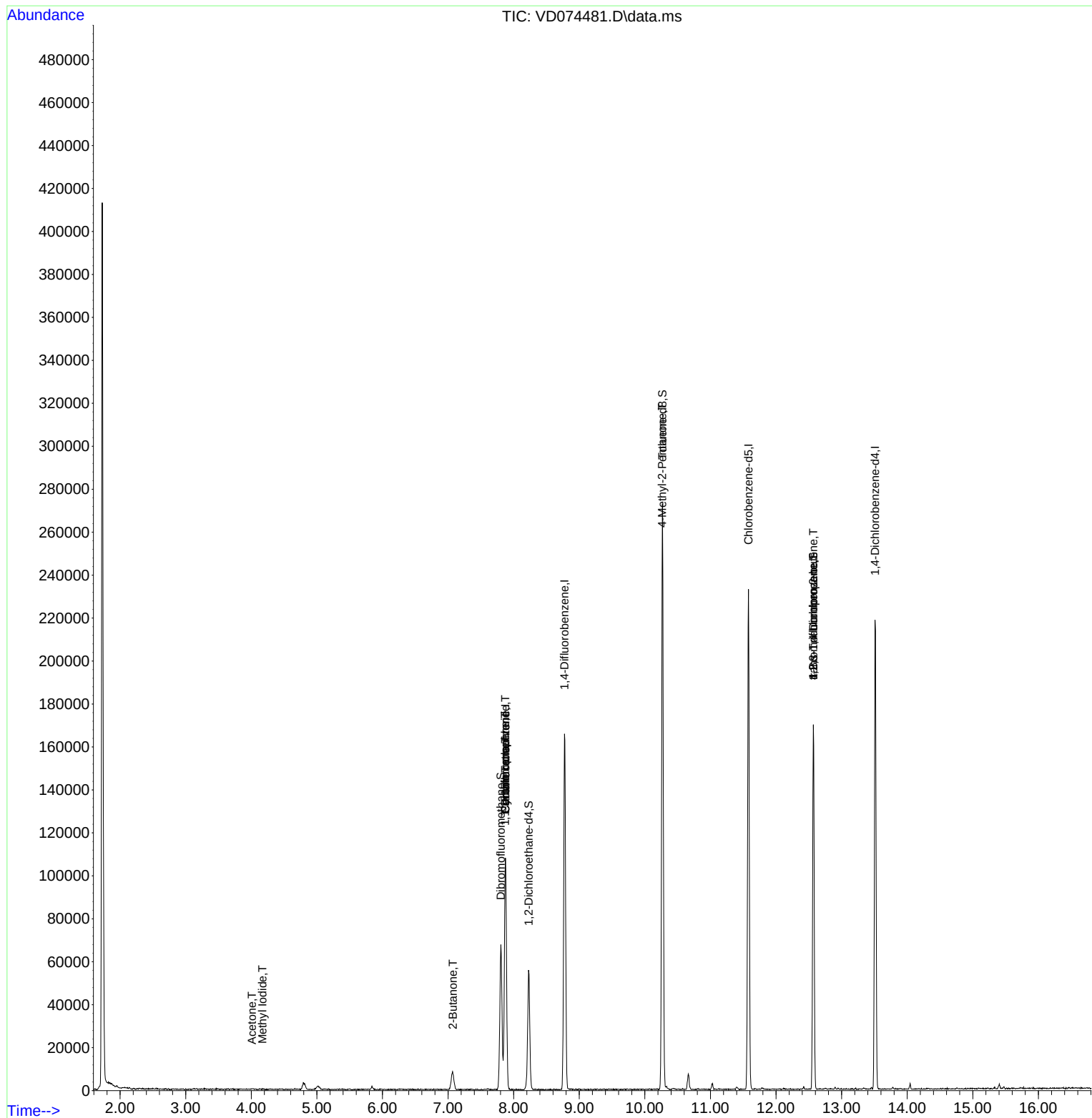
Internal Standards						
1) Pentafluorobenzene	7.875	168	88461	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	157745	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	145099	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	63009	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	41598	52.927	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.860%	
35) Dibromofluoromethane	7.804	113	48730	46.847	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 93.700%	
50) Toluene-d8	10.269	98	192281	50.586	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 101.180%	
62) 4-Bromofluorobenzene	12.569	95	51155	42.662	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 85.320%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.169	142	255	5.983	ug/l #	43
11) Tert butyl alcohol	5.022	59	1535	Below Cal	#	84
16) Acetone	4.011	43	54	12.209	ug/l #	37
20) Methylene Chloride	4.793	84	1694	Below Cal	#	94
25) 2-Butanone	7.075	43	282	1.251	ug/l #	42
31) Cyclohexane	7.875	56	1676	1.062	ug/l #	39
36) 1,1-Dichloropropene	7.869	75	6665	4.565	ug/l #	46
38) Carbon Tetrachloride	7.875	117	8032	6.208	ug/l #	18
51) 4-Methyl-2-Pentanone	10.263	43	499	1.098	ug/l #	1
76) 1,2,3-Trichloropropane	12.569	75	26776	55.359	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.569	75	26776	123.512	ug/l #	17

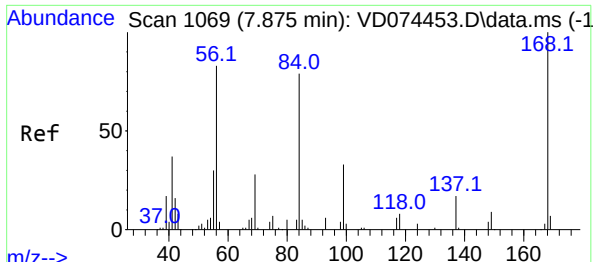
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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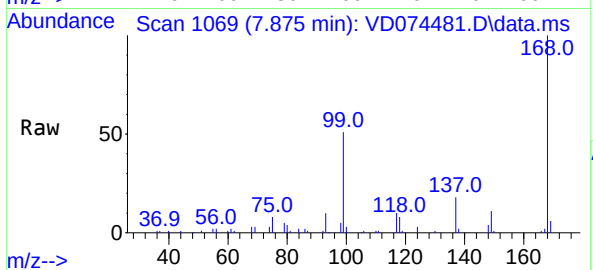
Quant Time: Oct 08 02:23:11 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100522S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 06 01:54:40 2022
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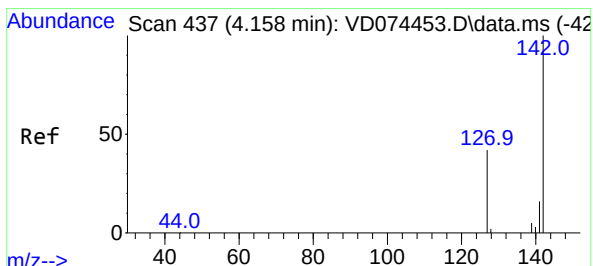
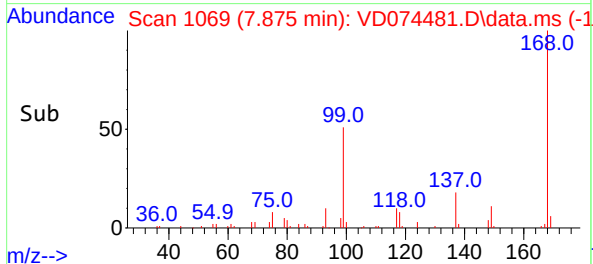
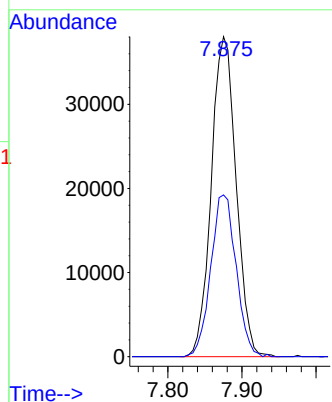


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074481.D
Acq: 07 Oct 2022 10:07

Instrument :
MSVOA_D
ClientSampleId :

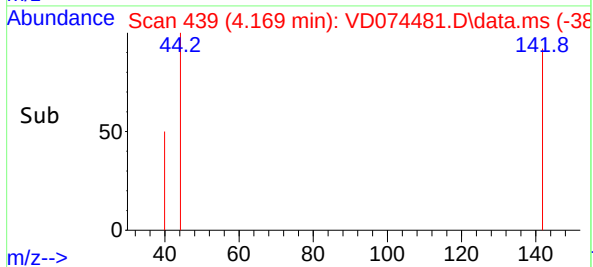
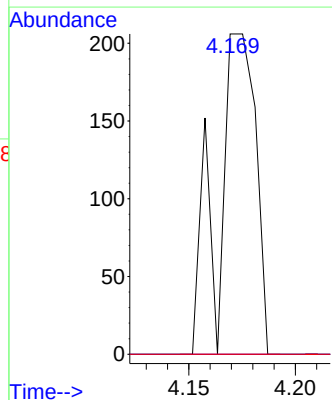
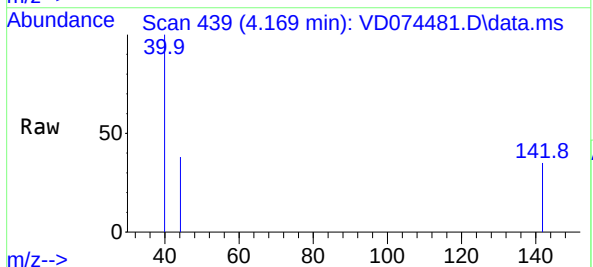


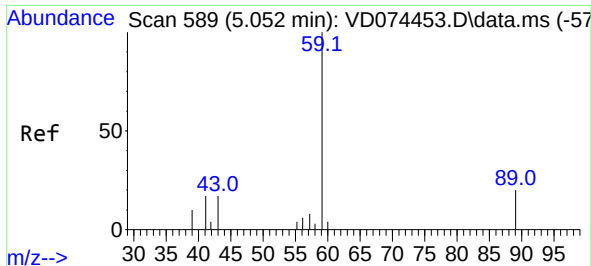
Tgt Ion:168 Resp: 88461
Ion Ratio Lower Upper
168 100
99 50.5 40.9 61.3



#10
Methyl Iodide
Concen: 5.983 ug/l
RT: 4.169 min Scan# 439
Delta R.T. 0.011 min
Lab File: VD074481.D
Acq: 07 Oct 2022 10:07

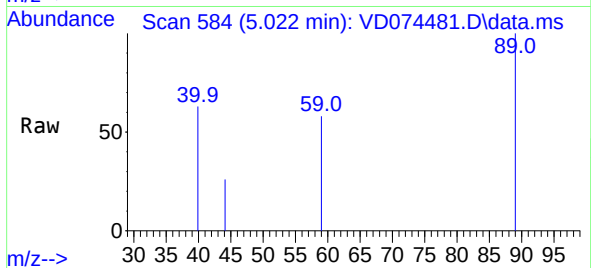
Tgt Ion:142 Resp: 255
Ion Ratio Lower Upper
142 100
127 0.0 31.9 47.9#
141 0.0 11.4 17.2#



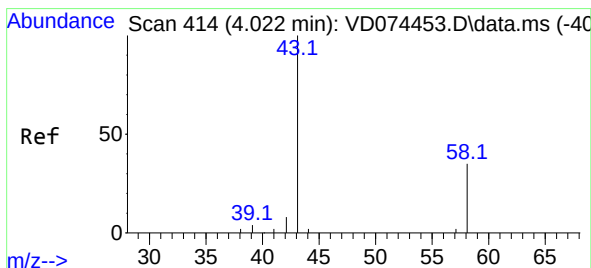
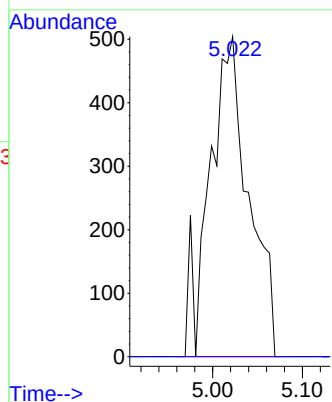


#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.022 min Scan# 51
Delta R.T. -0.030 min
Lab File: VD074481.D
Acq: 07 Oct 2022 10:07

Instrument :
MSVOA_D
ClientSampleId :

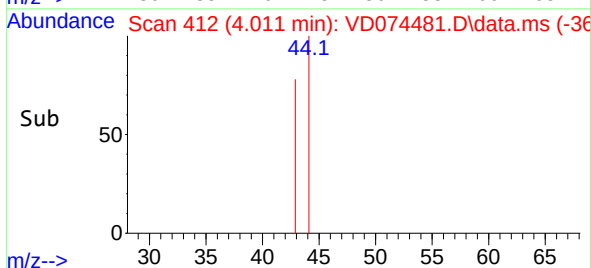
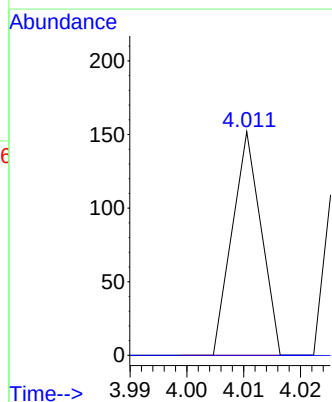
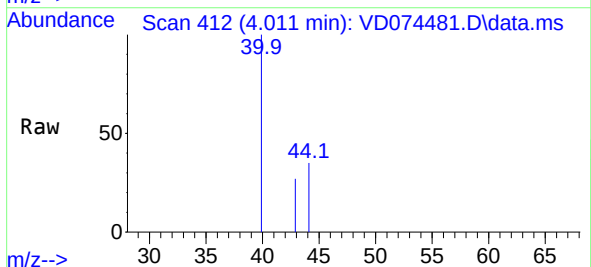


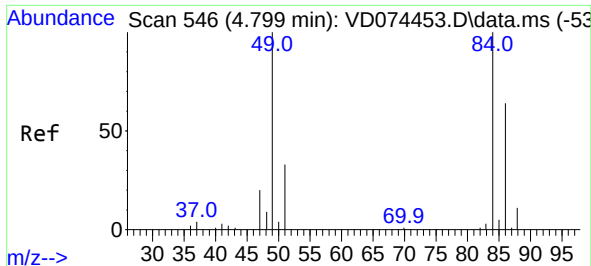
Tgt Ion: 59 Resp: 1535
Ion Ratio Lower Upper
59 100
57 0.0 4.4 6.6#



#16
Acetone
Concen: 12.209 ug/l
RT: 4.011 min Scan# 412
Delta R.T. -0.011 min
Lab File: VD074481.D
Acq: 07 Oct 2022 10:07

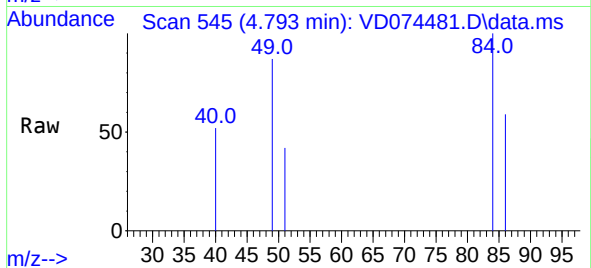
Tgt Ion: 43 Resp: 54
Ion Ratio Lower Upper
43 100
58 0.0 30.2 45.2#





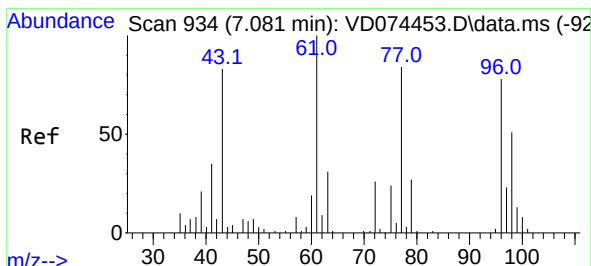
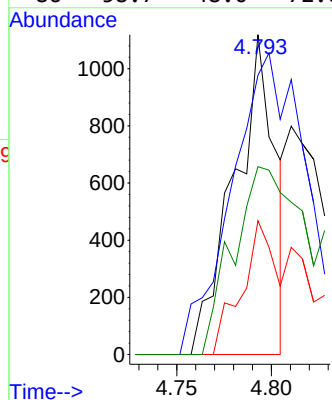
#20
Methylene Chloride
Concen: Below Cal
RT: 4.793 min Scan# 54
Delta R.T. -0.006 min
Lab File: VD074481.D
Acq: 07 Oct 2022 10:07

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 84 Resp: 1694

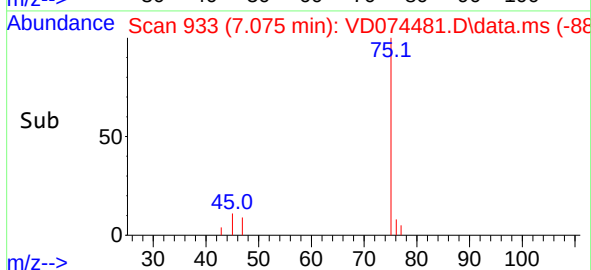
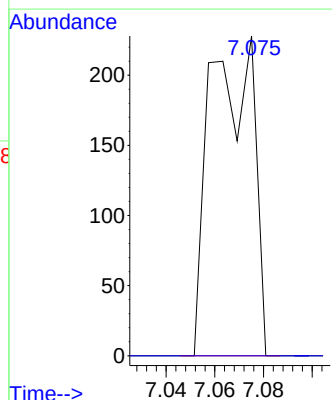
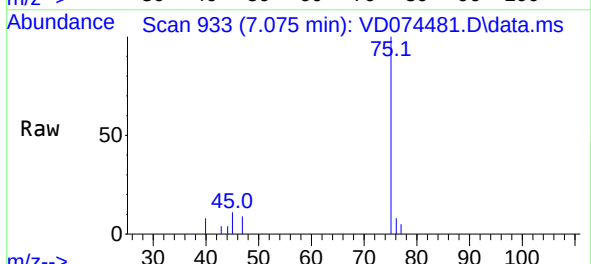
Ion	Ratio	Lower	Upper
84	100		
49	87.3	68.0	102.0
51	41.8	23.2	34.8
86	58.7	48.0	72.0

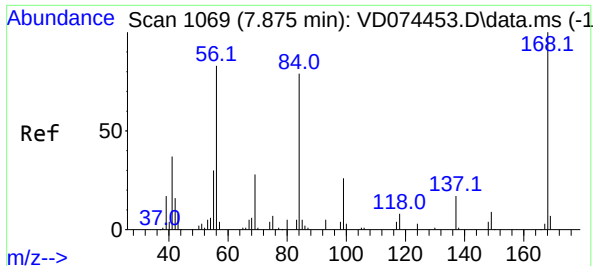


#25
2-Butanone
Concen: 1.251 ug/l
RT: 7.075 min Scan# 933
Delta R.T. -0.006 min
Lab File: VD074481.D
Acq: 07 Oct 2022 10:07

Tgt Ion: 43 Resp: 282

Ion	Ratio	Lower	Upper
43	100		
72	0.0	25.8	38.8





#31

Cyclohexane

Concen: 1.062 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.000 min

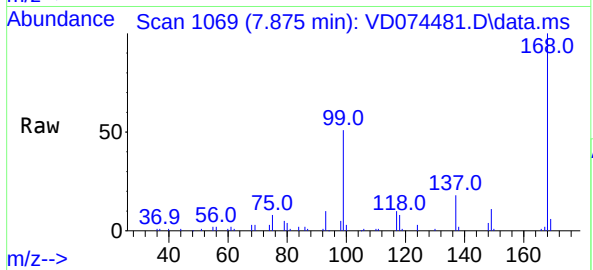
Lab File: VD074481.D

Acq: 07 Oct 2022 10:07

Instrument :

MSVOA_D

ClientSampleId :



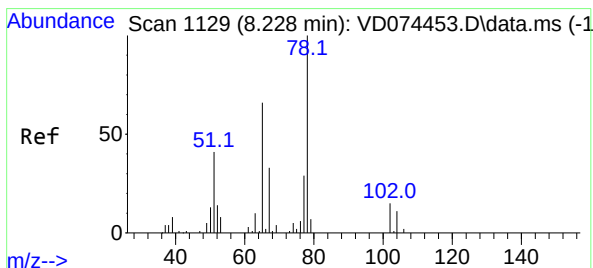
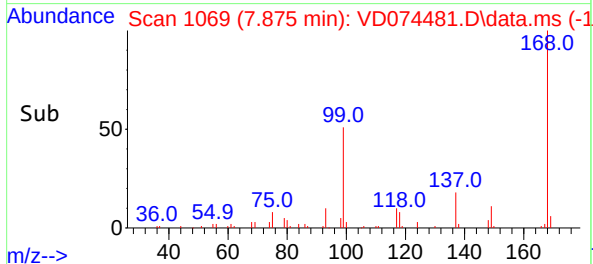
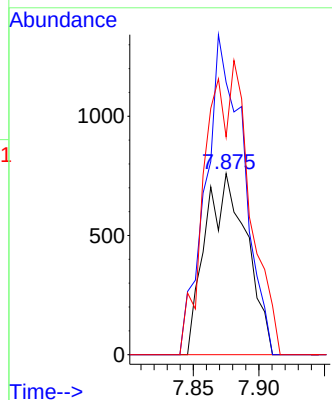
Tgt Ion: 56 Resp: 1676

Ion Ratio Lower Upper

56 100

69 150.3 29.2 43.8#

84 120.1 83.4 125.2



#33

1,2-Dichloroethane-d4

Concen: 52.927 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD074481.D

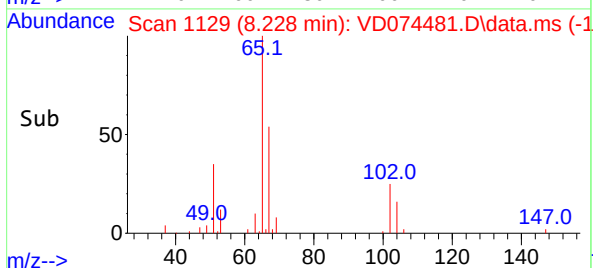
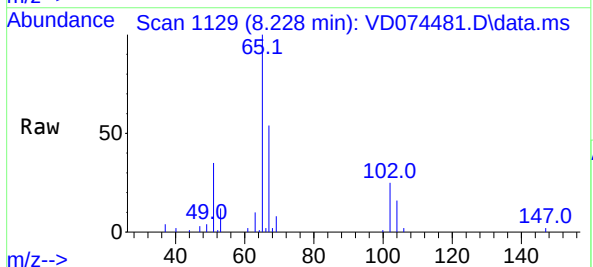
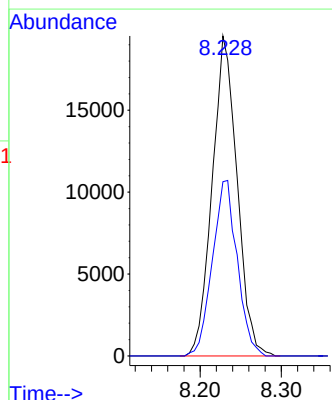
Acq: 07 Oct 2022 10:07

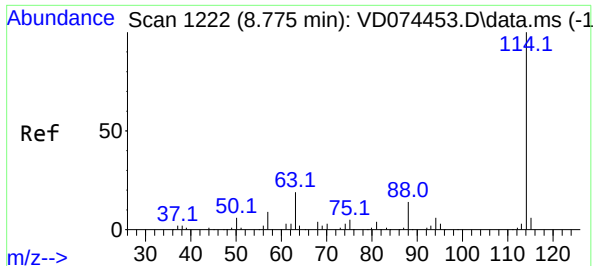
Tgt Ion: 65 Resp: 41598

Ion Ratio Lower Upper

65 100

67 54.8 0.0 110.2

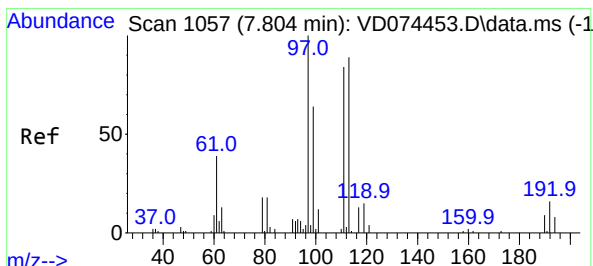
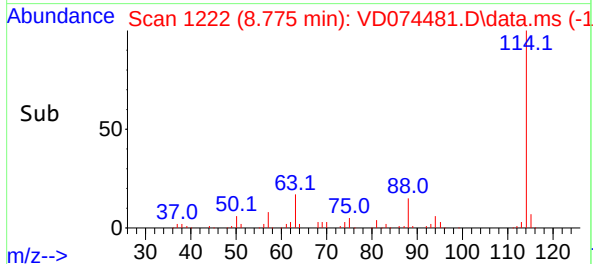
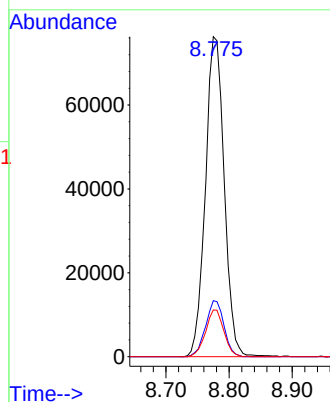
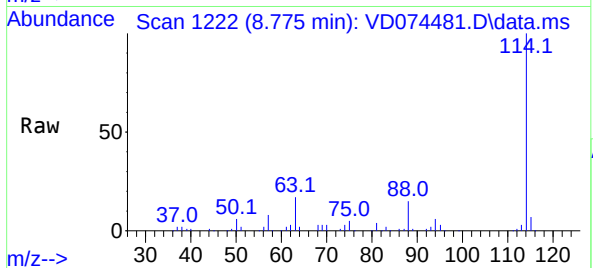




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD074481.D
Acq: 07 Oct 2022 10:07

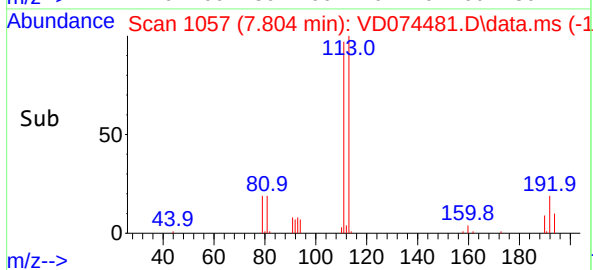
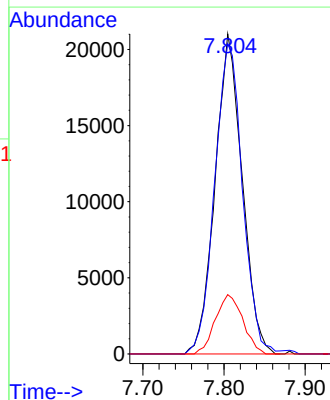
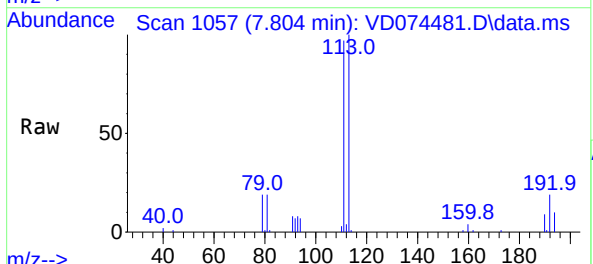
Instrument :
MSVOA_D
ClientSampleId :

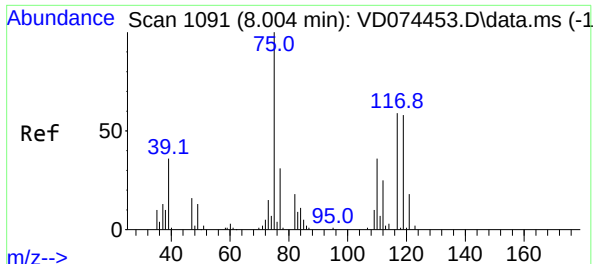
Tgt Ion:114 Resp: 157745
Ion Ratio Lower Upper
114 100
63 17.5 0.0 33.2
88 14.6 0.0 28.2



#35
Dibromofluoromethane
Concen: 46.847 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VD074481.D
Acq: 07 Oct 2022 10:07

Tgt Ion:113 Resp: 48730
Ion Ratio Lower Upper
113 100
111 99.7 82.3 123.5
192 18.8 16.4 24.6





#36

1,1-Dichloropropene

Concen: 4.565 ug/l

RT: 7.869 min Scan# 1068

Delta R.T. -0.135 min

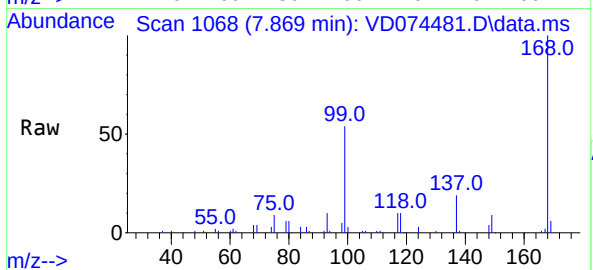
Lab File: VD074481.D

Acq: 07 Oct 2022 10:07

Instrument :

MSVOA_D

ClientSampleId :



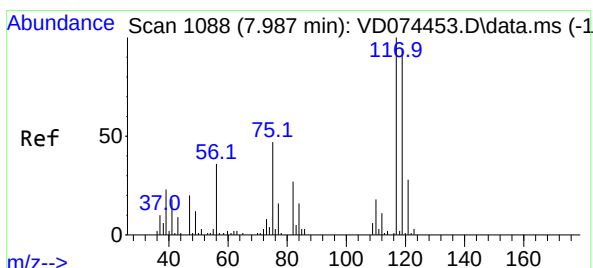
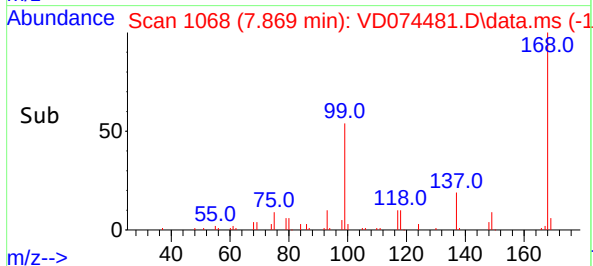
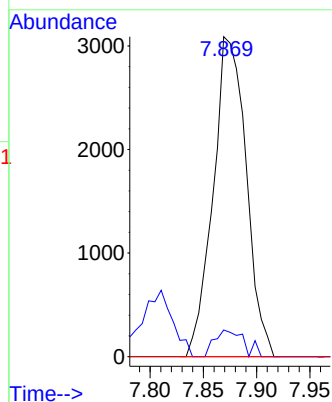
Tgt Ion: 75 Resp: 6665

Ion Ratio Lower Upper

75 100

110 7.4 19.7 59.0#

77 0.0 25.4 38.2#



#38

Carbon Tetrachloride

Concen: 6.208 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.112 min

Lab File: VD074481.D

Acq: 07 Oct 2022 10:07

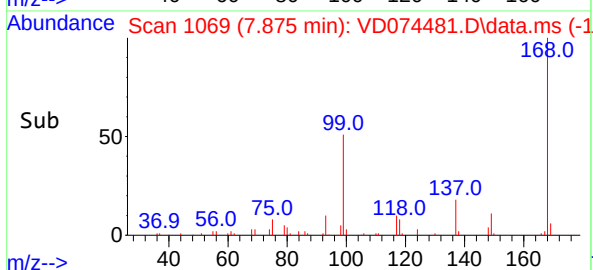
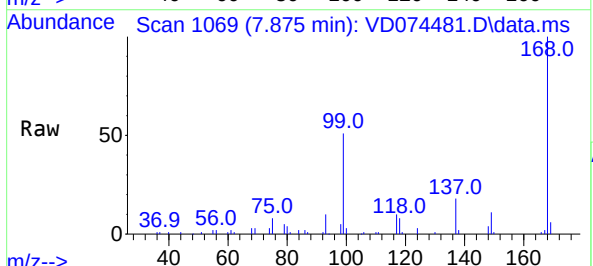
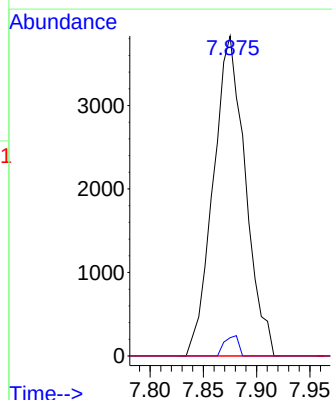
Tgt Ion: 117 Resp: 8032

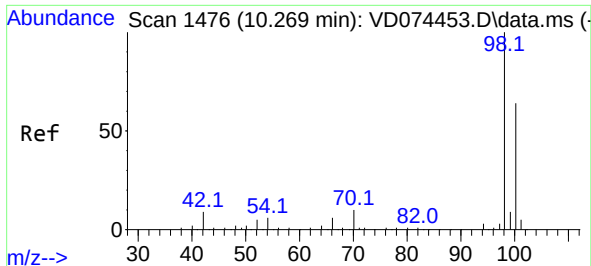
Ion Ratio Lower Upper

117 100

119 5.7 73.1 109.7#

121 0.0 25.0 37.6#

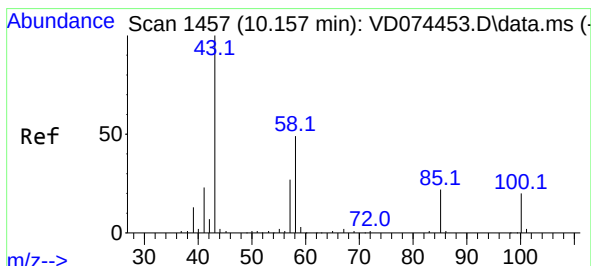
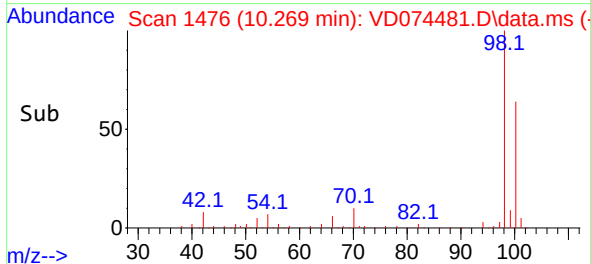
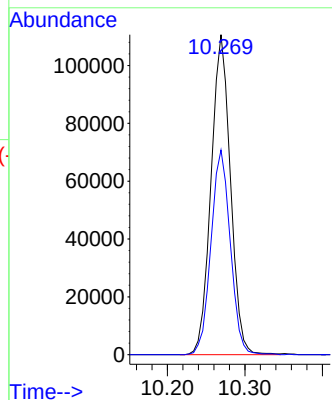
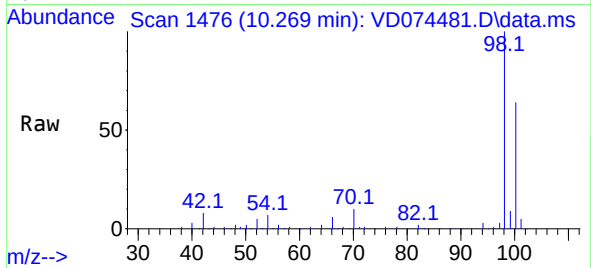




#50
Toluene-d8
Concen: 50.586 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074481.D
Acq: 07 Oct 2022 10:07

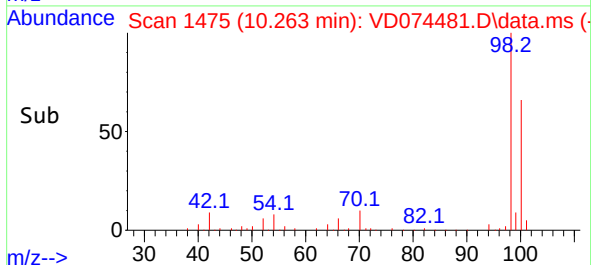
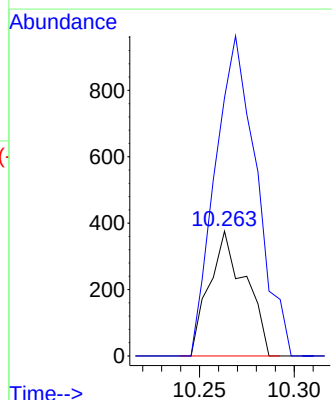
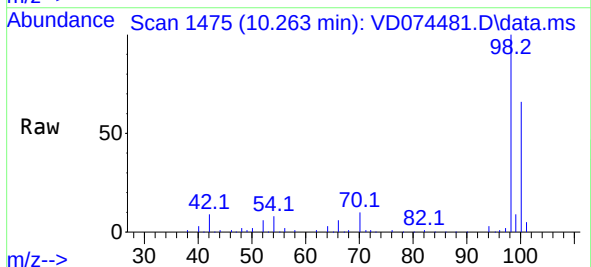
Instrument :
MSVOA_D
ClientSampleId :

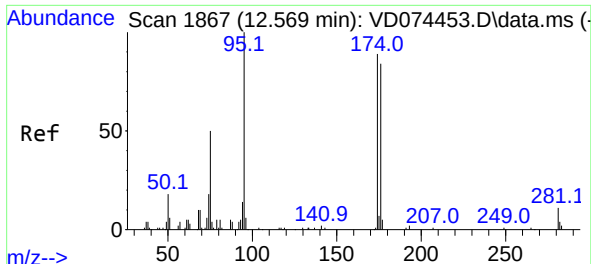
Tgt Ion: 98 Resp: 192281
Ion Ratio Lower Upper
98 100
100 63.7 51.4 77.0



#51
4-Methyl-2-Pentanone
Concen: 1.098 ug/l
RT: 10.263 min Scan# 1475
Delta R.T. 0.106 min
Lab File: VD074481.D
Acq: 07 Oct 2022 10:07

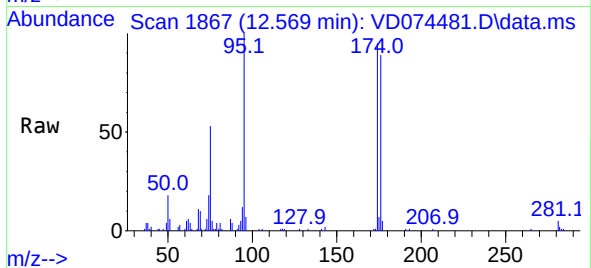
Tgt Ion: 43 Resp: 499
Ion Ratio Lower Upper
43 100
58 293.6 37.8 56.6#



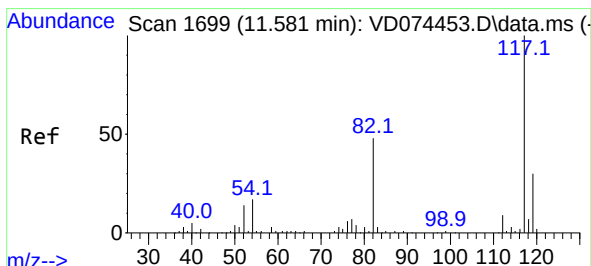
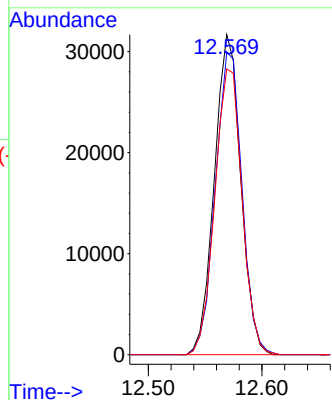
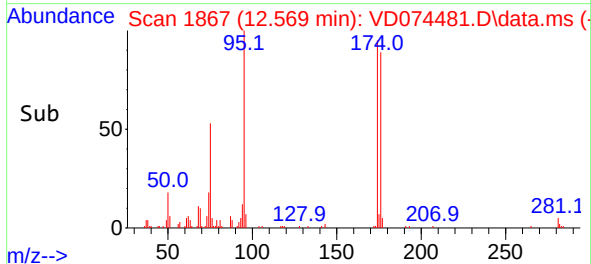


#62
4-Bromofluorobenzene
Concen: 42.662 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD074481.D
Acq: 07 Oct 2022 10:07

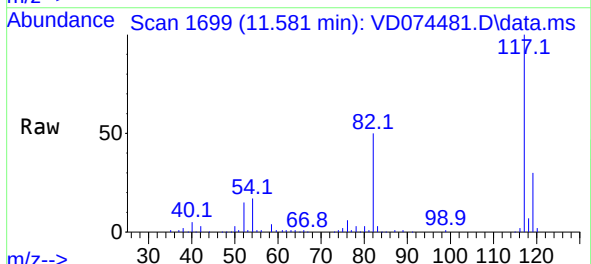
Instrument :
MSVOA_D
ClientSampleId :



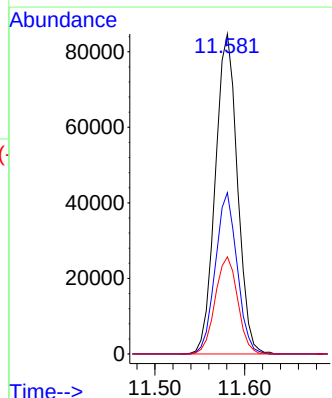
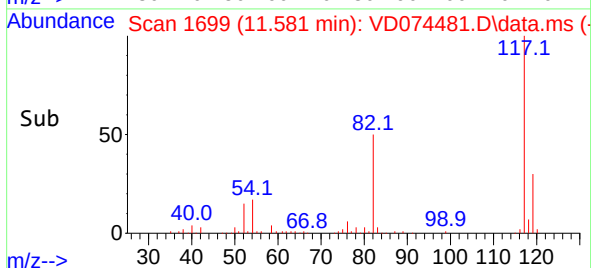
Tgt Ion: 95 Resp: 51155
Ion Ratio Lower Upper
95 100
174 95.5 0.0 197.0
176 92.0 0.0 182.6

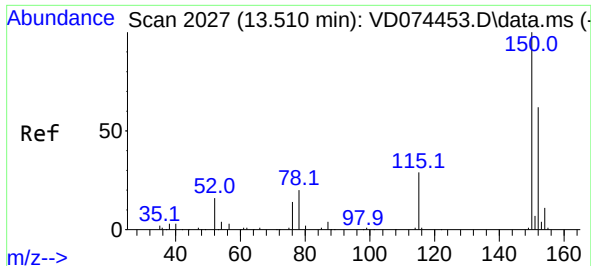


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD074481.D
Acq: 07 Oct 2022 10:07



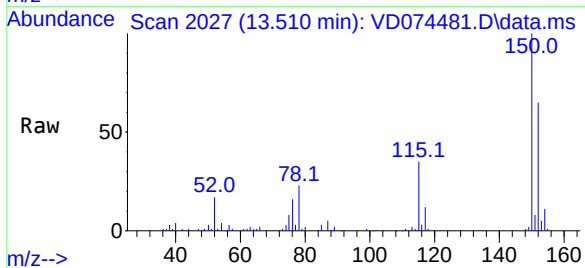
Tgt Ion: 117 Resp: 145099
Ion Ratio Lower Upper
117 100
82 50.4 41.6 62.4
119 30.4 25.2 37.8



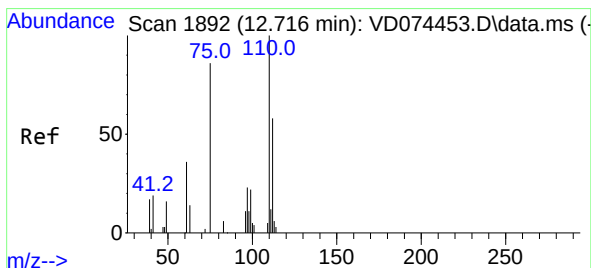
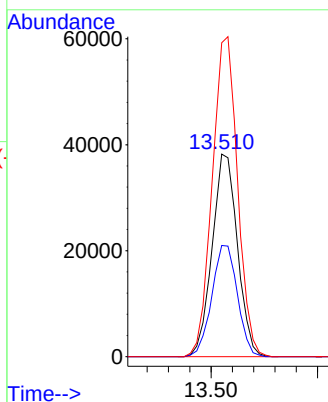
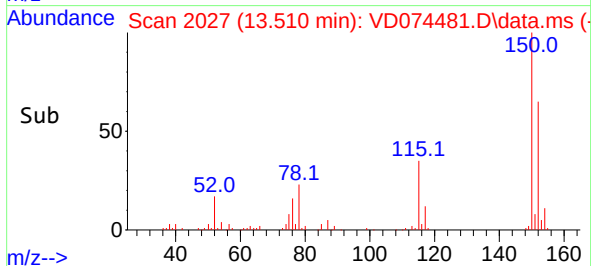


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.510 min Scan# 20
Delta R.T. -0.000 min
Lab File: VD074481.D
Acq: 07 Oct 2022 10:07

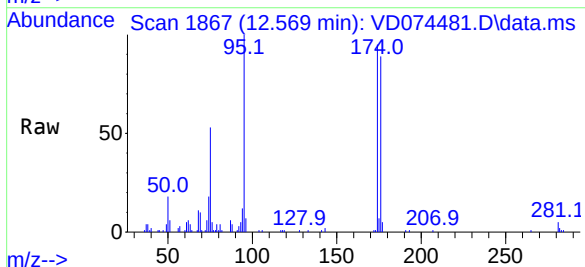
Instrument :
MSVOA_D
ClientSampleId :



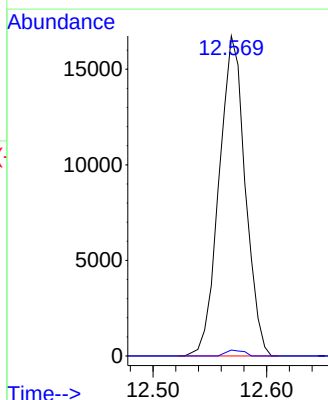
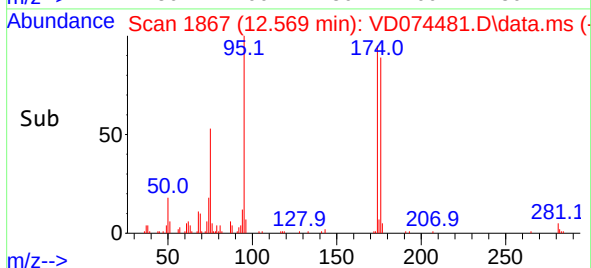
Tgt Ion:152 Resp: 63009
Ion Ratio Lower Upper
152 100
115 55.6 26.8 80.4
150 158.0 0.0 348.2

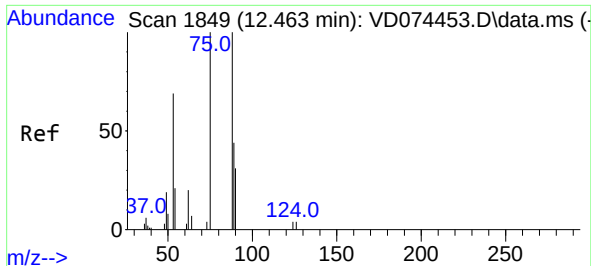


#76
1,2,3-Trichloropropane
Concen: 55.359 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.147 min
Lab File: VD074481.D
Acq: 07 Oct 2022 10:07



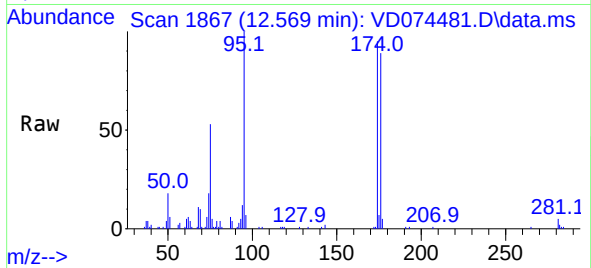
Tgt Ion: 75 Resp: 26776
Ion Ratio Lower Upper
75 100
77 1.3 185.8 557.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 123.512 ug/l
 RT: 12.569 min Scan# 1867
 Delta R.T. 0.106 min
 Lab File: VD074481.D
 Acq: 07 Oct 2022 10:07

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion:	75	Resp:	26776
Ion	Ratio	Lower	Upper
75	100		
53	0.0	63.8	95.6#
89	0.0	38.2	57.4#

