

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062223\
 Data File : VD076546.D
 Acq On : 22 Jun 2023 18:42
 Operator : KP/SY
 Sample : 03365-13
 Misc : 5.08G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP4

Quant Time: Jun 23 06:37:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061623S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 19 04:51:45 2023
 Response via : Initial Calibration

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

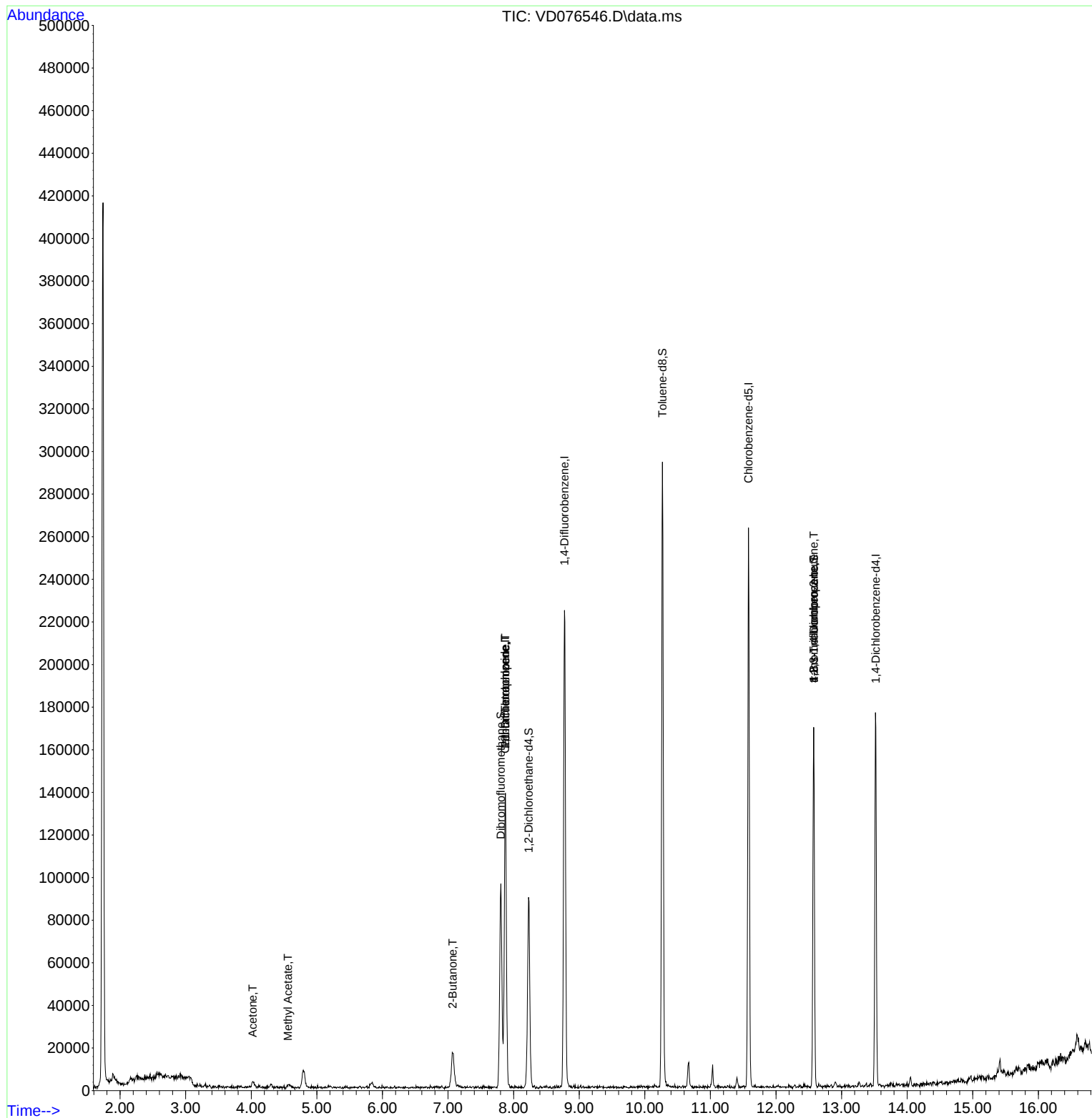
Internal Standards						
1) Pentafluorobenzene	7.875	168	105732	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	200283	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	139844	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	44333	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	67514	63.732	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 127.460%	
35) Dibromofluoromethane	7.805	113	66974	56.289	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 112.580%	
50) Toluene-d8	10.269	98	198327	43.952	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 87.900%	
62) 4-Bromofluorobenzene	12.575	95	48035	32.801	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 65.600%	
Target Compounds						
					Qvalue	
16) Acetone	4.022	43	5571	22.100	ug/l	89
18) Methyl Acetate	4.558	43	2254	1.940	ug/l #	62
20) Methylene Chloride	4.787	84	2903	Below Cal	#	90
25) 2-Butanone	7.069	43	761	1.952	ug/l #	37
28) Bromochloromethane	7.293	49	77	Below Cal	#	1
36) 1,1-Dichloropropene	7.875	75	8556	5.135	ug/l #	45
38) Carbon Tetrachloride	7.869	117	11202	7.522	ug/l #	17
76) 1,2,3-Trichloropropane	12.575	75	26357	59.903	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	26357	131.261	ug/l #	17

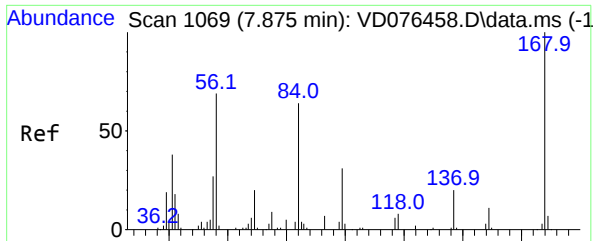
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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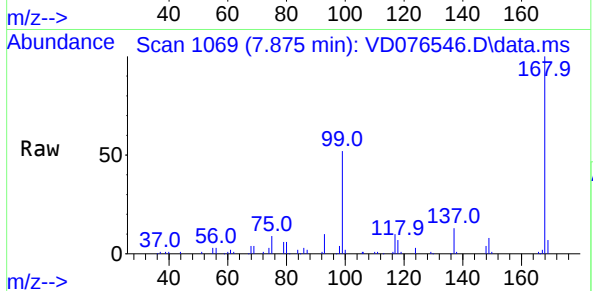
Quant Time: Jun 23 06:37:27 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061623S.M
Quant Title : SW846 8260
QLast Update : Mon Jun 19 04:51:45 2023
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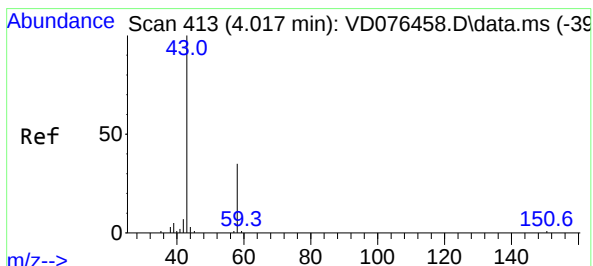
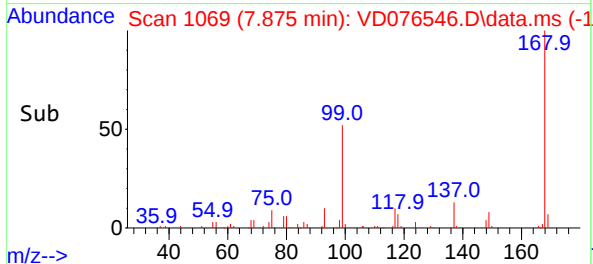
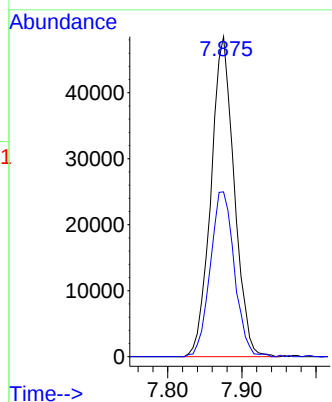


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076546.D
Acq: 22 Jun 2023 18:42

Instrument :
MSVOA_D
ClientSampleId :
TP4

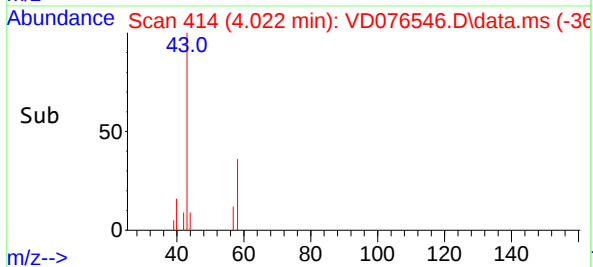
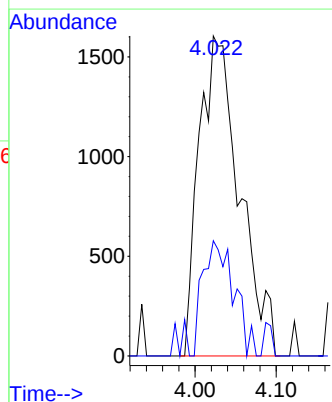
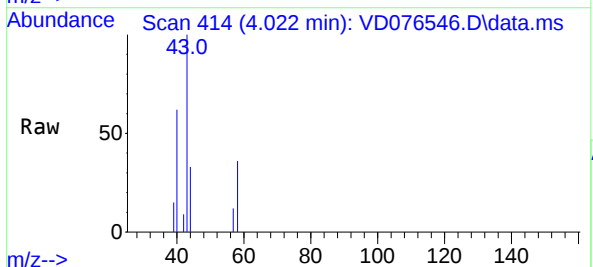


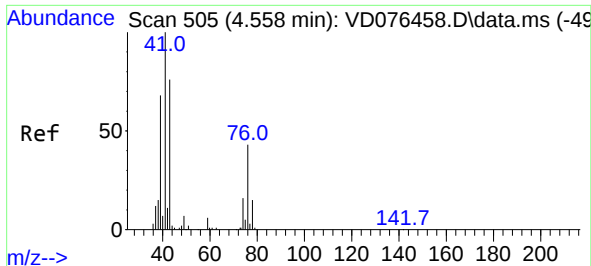
Tgt Ion:168 Resp: 105732
Ion Ratio Lower Upper
168 100
99 51.5 36.7 55.1



#16
Acetone
Concen: 22.100 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.006 min
Lab File: VD076546.D
Acq: 22 Jun 2023 18:42

Tgt Ion: 43 Resp: 5571
Ion Ratio Lower Upper
43 100
58 36.0 34.7 52.1

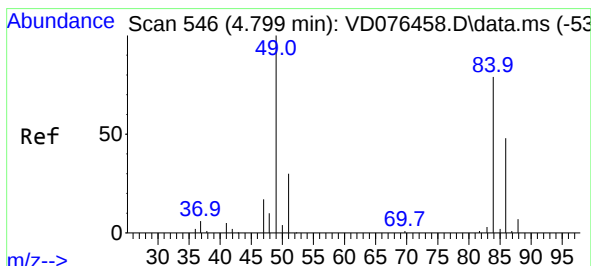
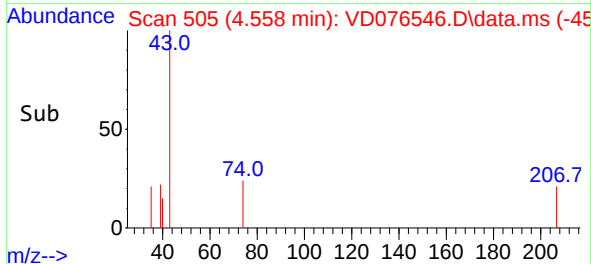
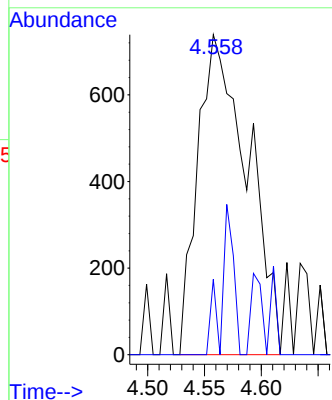
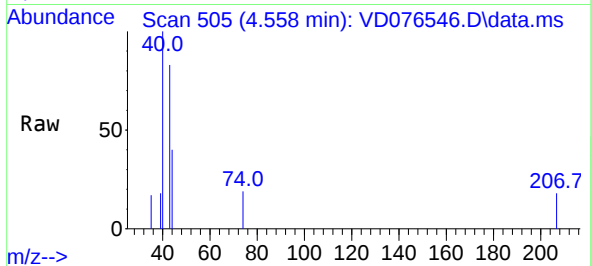




#18
Methyl Acetate
Concen: 1.940 ug/l
RT: 4.558 min Scan# 505
Delta R.T. 0.000 min
Lab File: VD076546.D
Acq: 22 Jun 2023 18:42

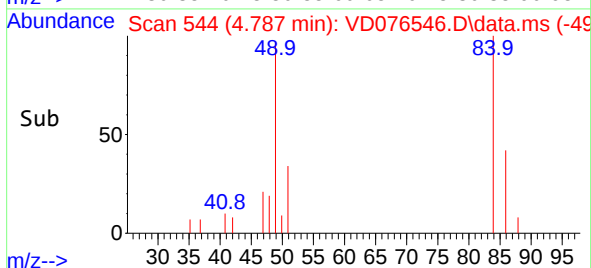
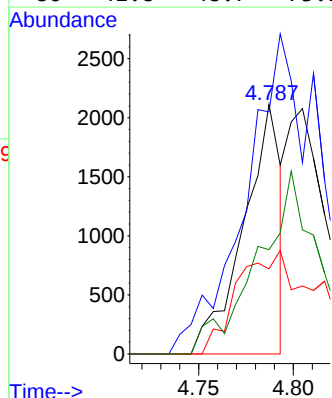
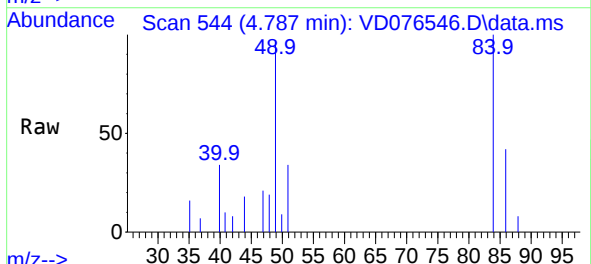
Instrument :
MSVOA_D
ClientSampleId :
TP4

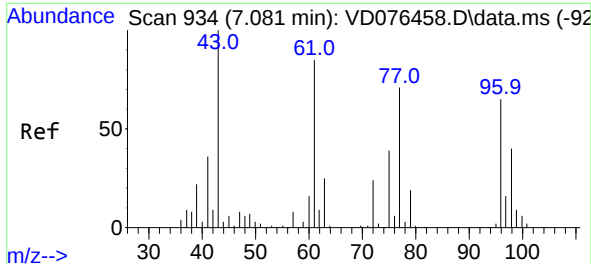
Tgt Ion: 43 Resp: 2254
Ion Ratio Lower Upper
43 100
74 11.8 26.4 39.6#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.787 min Scan# 544
Delta R.T. -0.012 min
Lab File: VD076546.D
Acq: 22 Jun 2023 18:42

Tgt Ion: 84 Resp: 2903
Ion Ratio Lower Upper
84 100
49 89.1 71.4 107.2
51 34.1 24.5 36.7
86 41.8 48.7 73.1#





#25

2-Butanone

Concen: 1.952 ug/l

RT: 7.069 min Scan# 91

Delta R.T. -0.012 min

Lab File: VD076546.D

Acq: 22 Jun 2023 18:42

Instrument :

MSVOA_D

ClientSampleId :

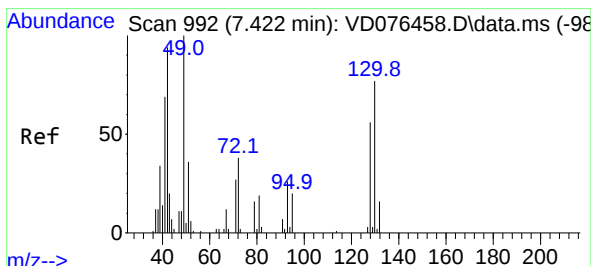
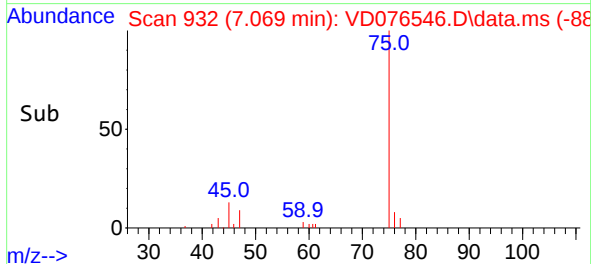
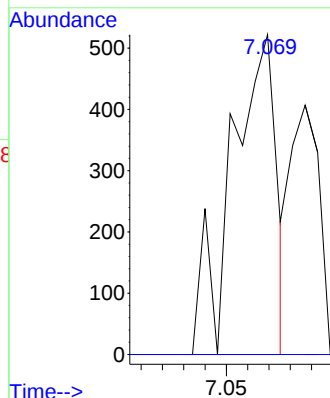
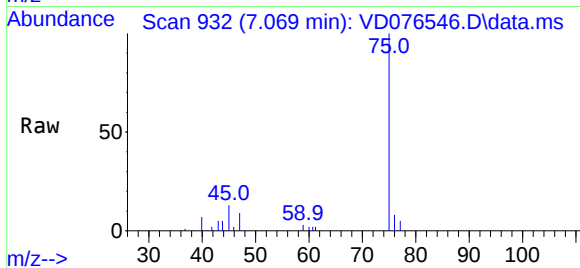
TP4

Tgt Ion: 43 Resp: 761

Ion Ratio Lower Upper

43 100

72 0.0 30.7 46.1#



#28

Bromochloromethane

Concen: Below Cal

RT: 7.293 min Scan# 970

Delta R.T. -0.129 min

Lab File: VD076546.D

Acq: 22 Jun 2023 18:42

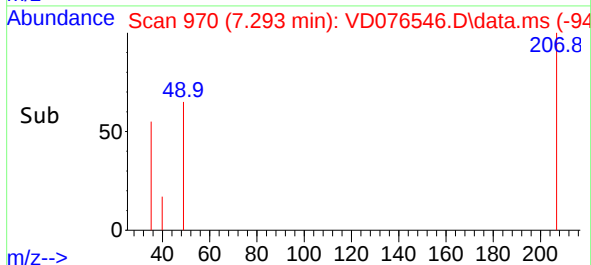
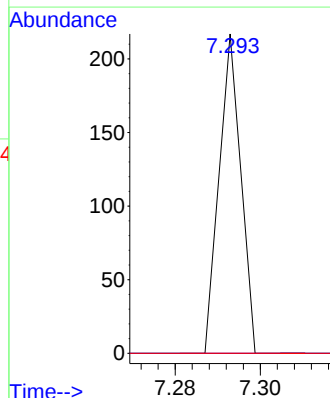
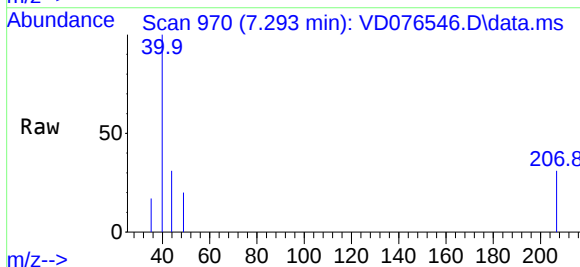
Tgt Ion: 49 Resp: 77

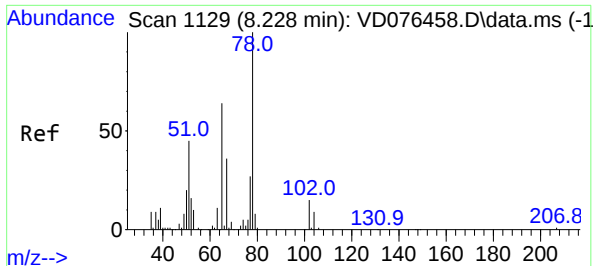
Ion Ratio Lower Upper

49 100

129 0.0 0.0 6.0

130 0.0 83.2 124.8#

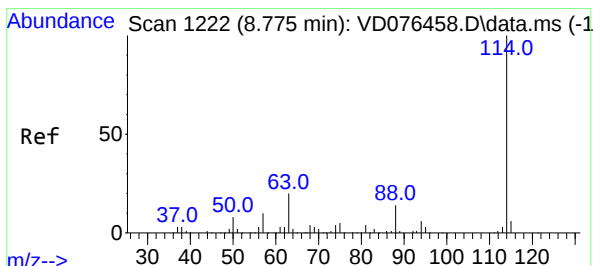
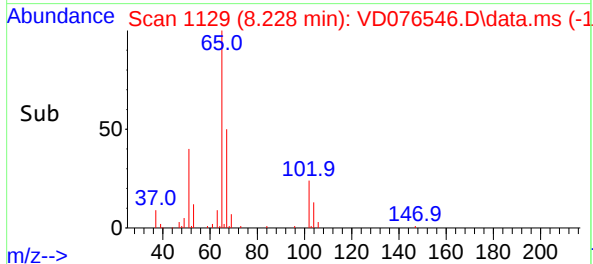
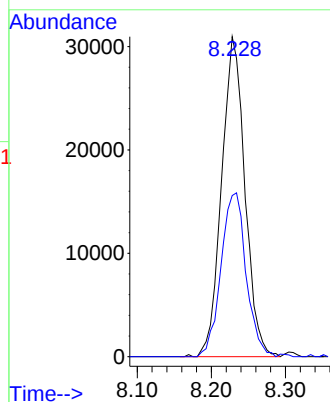
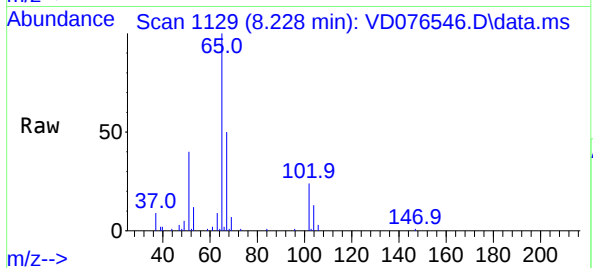




#33
1,2-Dichloroethane-d4
Concen: 63.732 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD076546.D
Acq: 22 Jun 2023 18:42

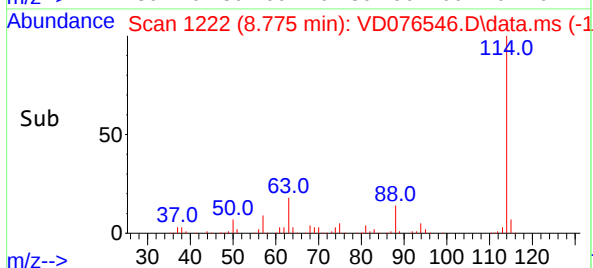
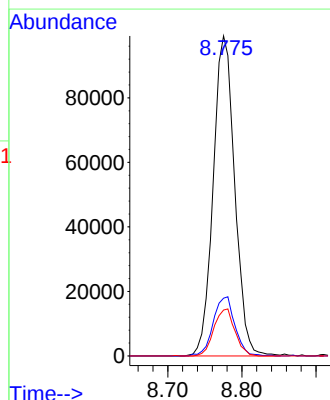
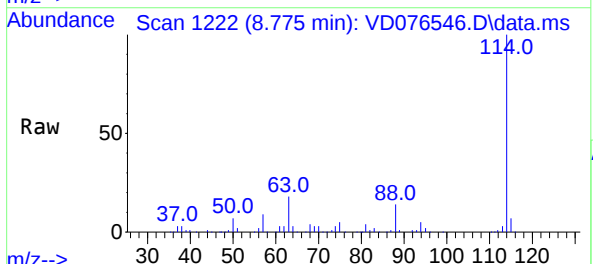
Instrument :
MSVOA_D
ClientSampleId :
TP4

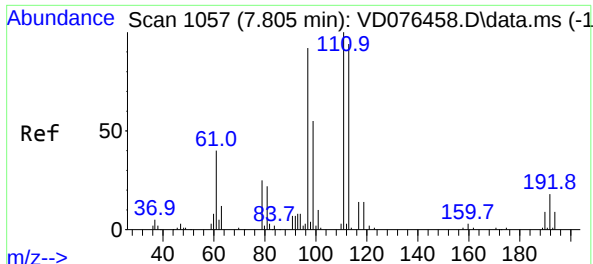
Tgt Ion: 65 Resp: 67514
Ion Ratio Lower Upper
65 100
67 55.1 0.0 115.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VD076546.D
Acq: 22 Jun 2023 18:42

Tgt Ion: 114 Resp: 200283
Ion Ratio Lower Upper
114 100
63 18.1 0.0 33.4
88 14.4 0.0 26.2

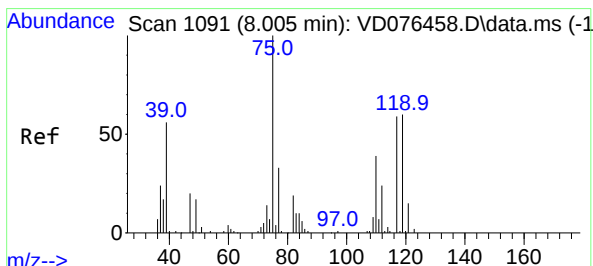
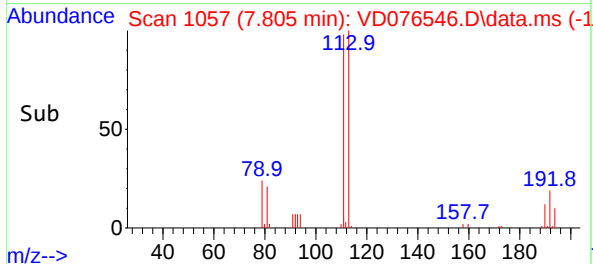
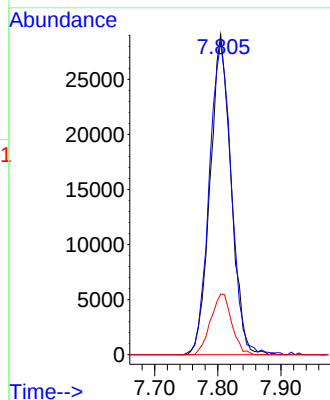
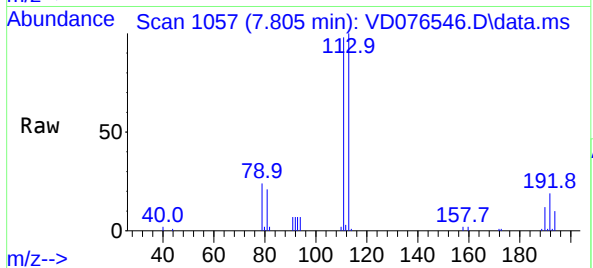




#35
Dibromofluoromethane
Concen: 56.289 ug/l
RT: 7.805 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076546.D
Acq: 22 Jun 2023 18:42

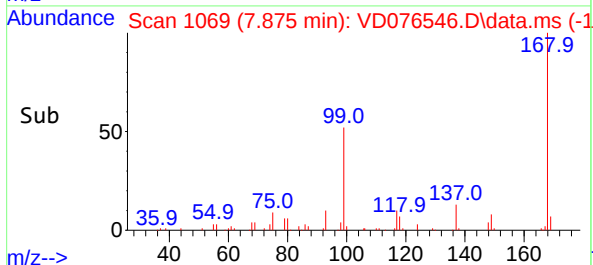
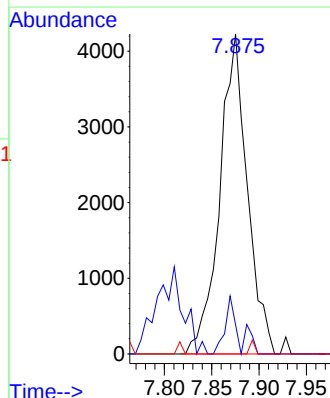
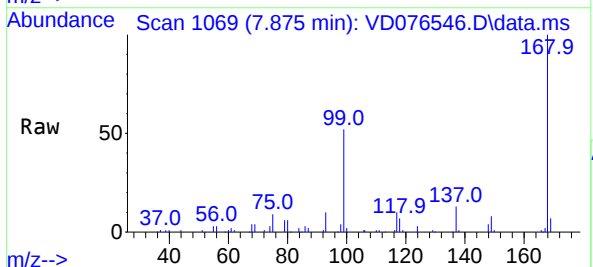
Instrument :
MSVOA_D
ClientSampleId :
TP4

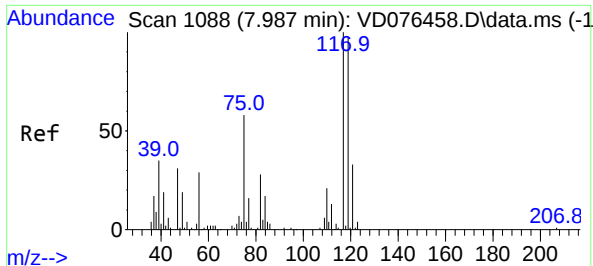
Tgt Ion:113 Resp: 66974
Ion Ratio Lower Upper
113 100
111 102.9 84.7 127.1
192 19.0 16.8 25.2



#36
1,1-Dichloropropene
Concen: 5.135 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.129 min
Lab File: VD076546.D
Acq: 22 Jun 2023 18:42

Tgt Ion: 75 Resp: 8556
Ion Ratio Lower Upper
75 100
110 6.5 19.9 59.6#
77 0.0 24.7 37.1#

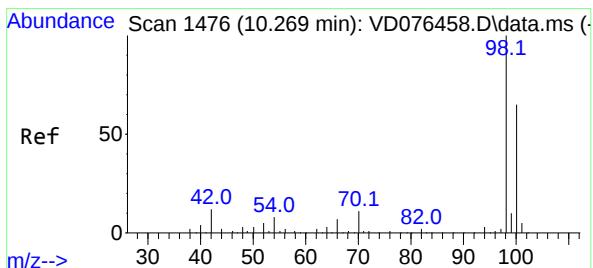
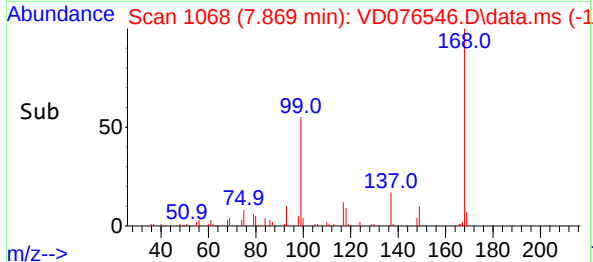
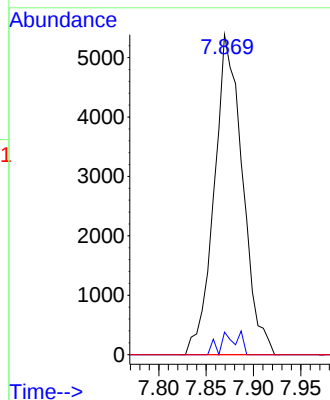
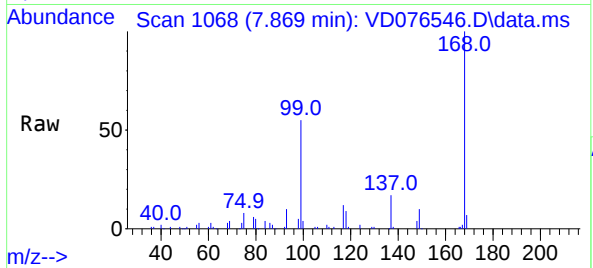




#38
Carbon Tetrachloride
Concen: 7.522 ug/l
RT: 7.869 min Scan# 1088
Delta R.T. -0.118 min
Lab File: VD076546.D
Acq: 22 Jun 2023 18:42

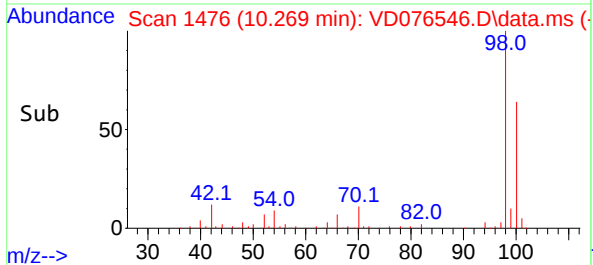
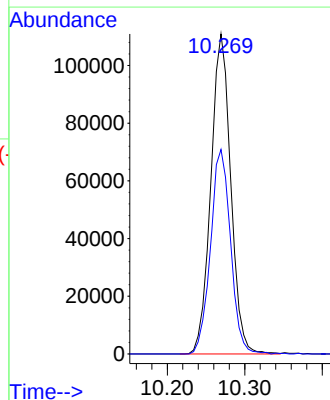
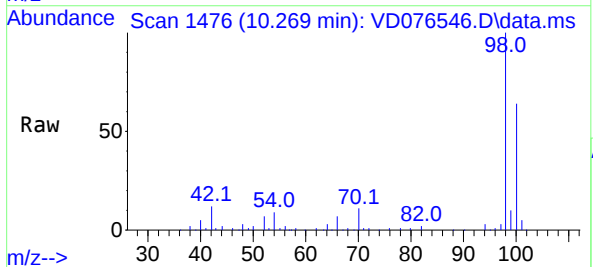
Instrument :
MSVOA_D
ClientSampleId :
TP4

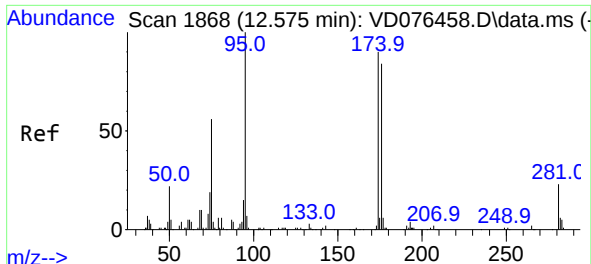
Tgt Ion:117 Resp: 11202
Ion Ratio Lower Upper
117 100
119 7.0 78.0 117.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 43.952 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076546.D
Acq: 22 Jun 2023 18:42

Tgt Ion: 98 Resp: 198327
Ion Ratio Lower Upper
98 100
100 64.4 50.3 75.5



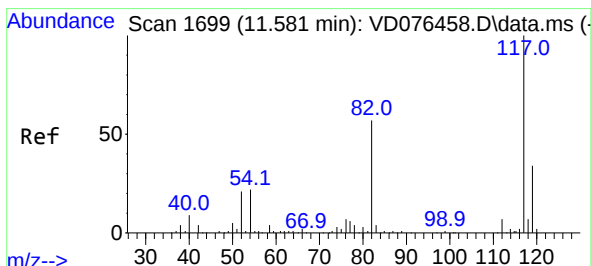
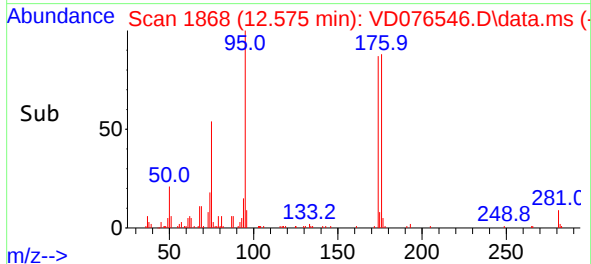
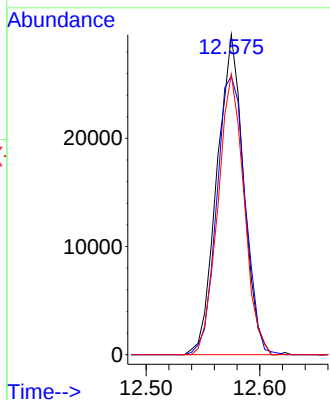
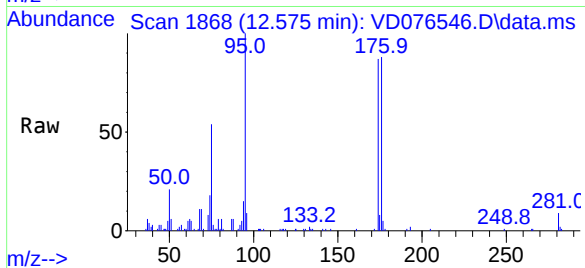


#62
4-Bromofluorobenzene
Concen: 32.801 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD076546.D
Acq: 22 Jun 2023 18:42

Instrument :
MSVOA_D
ClientSampleId :
TP4

Tgt Ion: 95 Resp: 48035

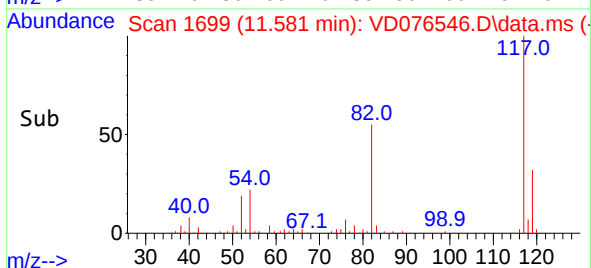
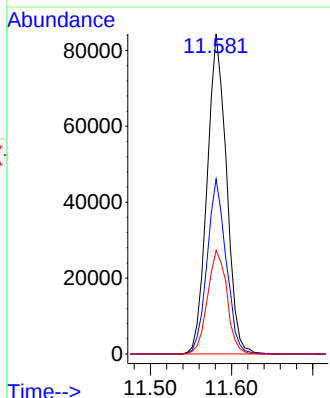
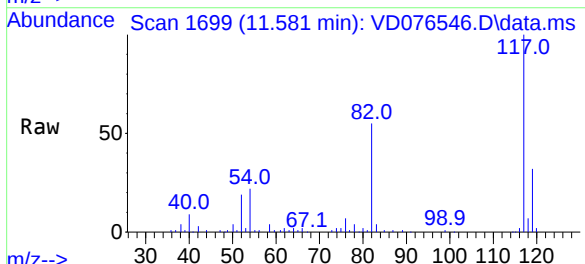
Ion	Ratio	Lower	Upper
95	100		
174	93.5	0.0	201.8
176	86.0	0.0	191.8

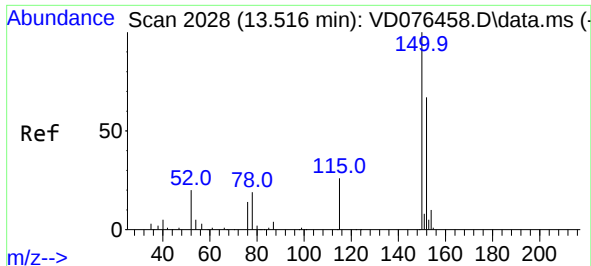


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD076546.D
Acq: 22 Jun 2023 18:42

Tgt Ion: 117 Resp: 139844

Ion	Ratio	Lower	Upper
117	100		
82	54.7	38.3	57.5
119	32.4	25.0	37.4

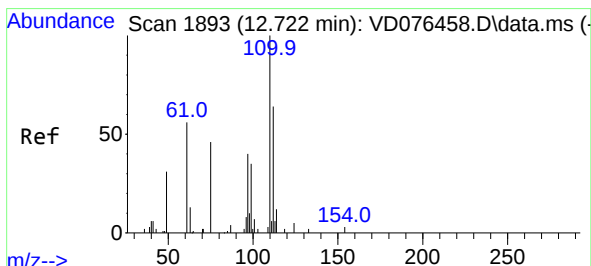
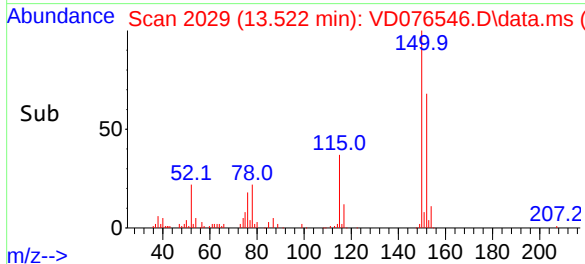
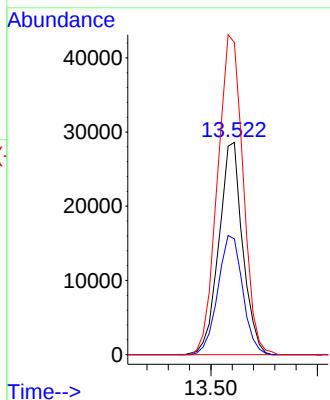
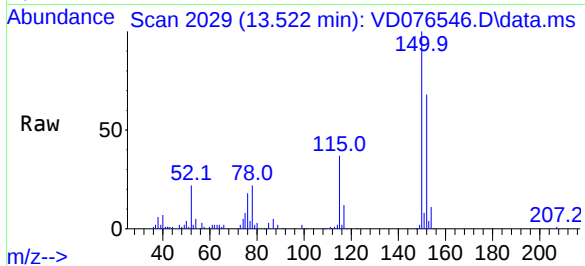




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2028
Delta R.T. 0.006 min
Lab File: VD076546.D
Acq: 22 Jun 2023 18:42

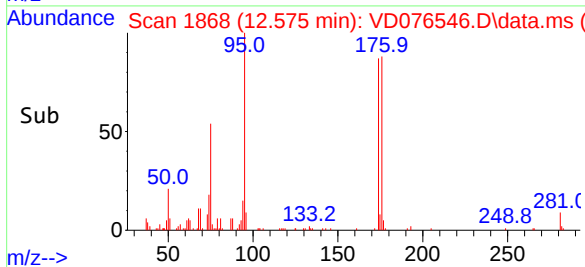
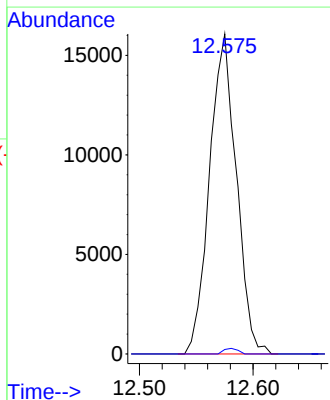
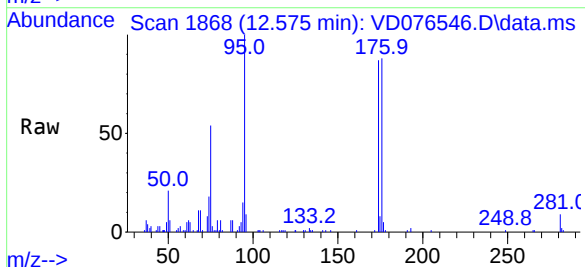
Instrument :
MSVOA_D
ClientSampleId :
TP4

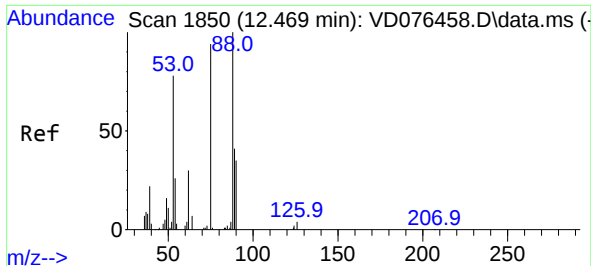
Tgt Ion:152 Resp: 44333
Ion Ratio Lower Upper
152 100
115 58.6 27.1 81.3
150 161.8 0.0 353.6



#76
1,2,3-Trichloropropane
Concen: 59.903 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.147 min
Lab File: VD076546.D
Acq: 22 Jun 2023 18:42

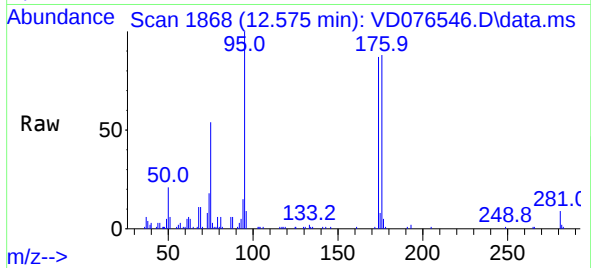
Tgt Ion: 75 Resp: 26357
Ion Ratio Lower Upper
75 100
77 0.9 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 131.261 ug/l
 RT: 12.575 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD076546.D
 Acq: 22 Jun 2023 18:42

Instrument :
 MSVOA_D
 ClientSampleId :
 TP4



Tgt Ion:	75	Resp:	26357
Ion	Ratio	Lower	Upper
75	100		
53	0.0	63.0	94.4#
89	0.0	37.9	56.9#

