

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052323\
 Data File : VD076193.D
 Acq On : 23 May 2023 15:02
 Operator : KP/SY
 Sample : 02840-02
 Misc : 5.08G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1

Quant Time: May 23 15:27:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051523S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 10:08:53 2023
 Response via : Initial Calibration

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

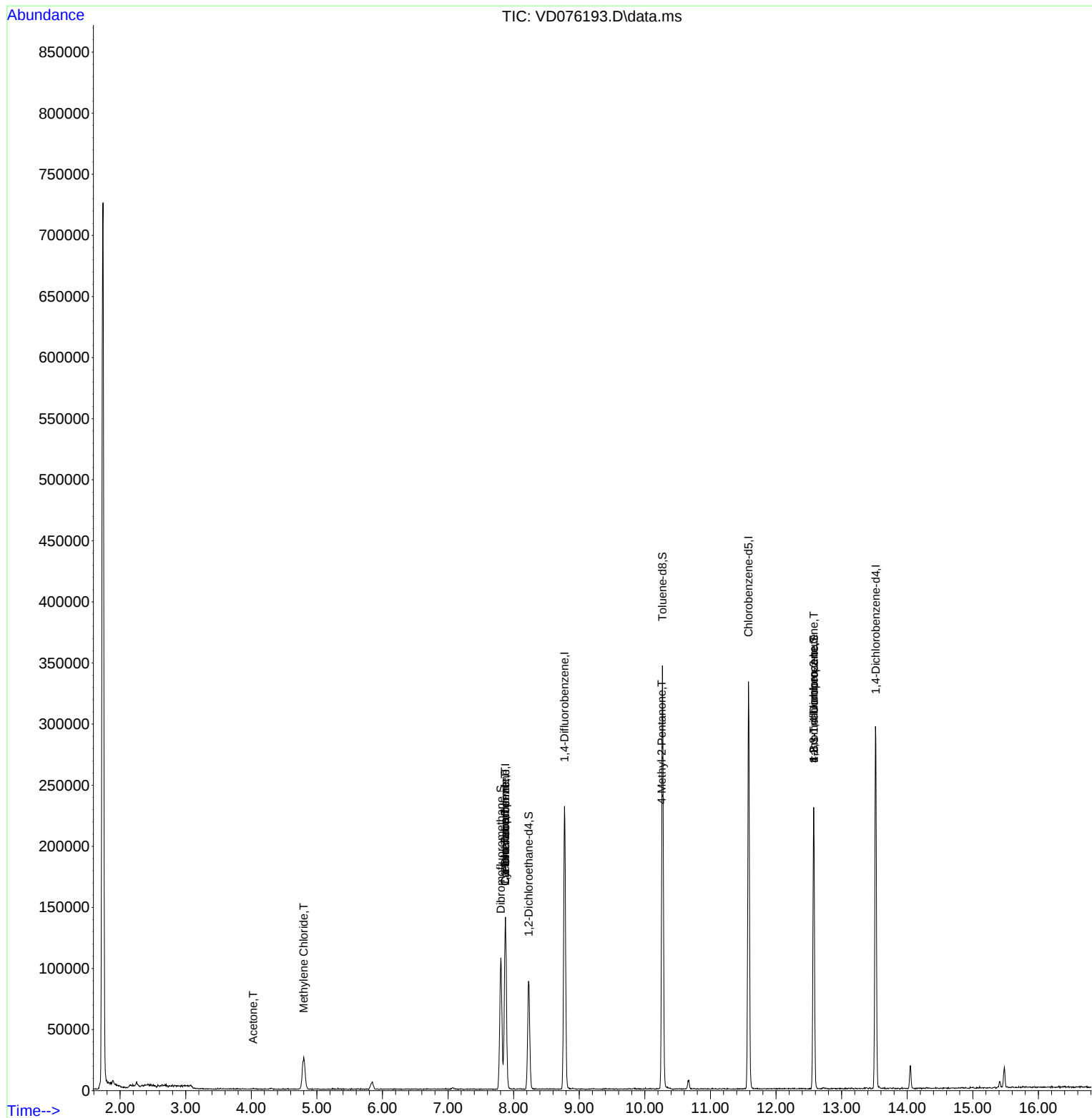
Internal Standards						
1) Pentafluorobenzene	7.875	168	113120	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	220178	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	207995	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	85259	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	68843	62.969	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 125.940%	
35) Dibromofluoromethane	7.804	113	77418	50.869	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.740%	
50) Toluene-d8	10.269	98	254862	42.958	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 85.920%	
62) 4-Bromofluorobenzene	12.575	95	62108	37.686	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 75.380%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.146	50	501	Below Cal	#	79
16) Acetone	4.028	43	620	2.850	ug/l #	44
20) Methylene Chloride	4.799	84	22464	4.978	ug/l #	77
31) Cyclohexane	7.869	56	2451	1.464	ug/l #	17
36) 1,1-Dichloropropene	7.869	75	9524	4.634	ug/l #	48
38) Carbon Tetrachloride	7.869	117	10187	5.487	ug/l #	17
51) 4-Methyl-2-Pentanone	10.257	43	723	1.022	ug/l #	1
76) 1,2,3-Trichloropropane	12.575	75	32083	43.002	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	32083	90.210	ug/l #	5

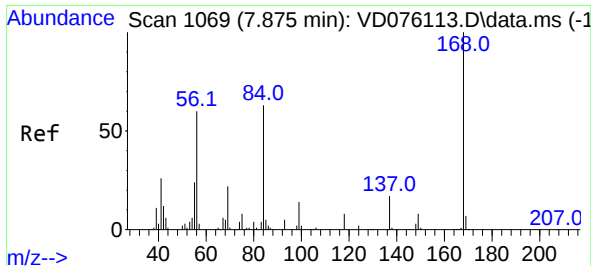
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052323\
Data File : VD076193.D
Acq On : 23 May 2023 15:02
Operator : KP/SY
Sample : 02840-02
Misc : 5.08G/5.00ml/MSVOA_D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
TP-1

Quant Time: May 23 15:27:13 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051523S.M
Quant Title : SW846 8260
QLast Update : Tue May 16 10:08:53 2023
Response via : Initial Calibration

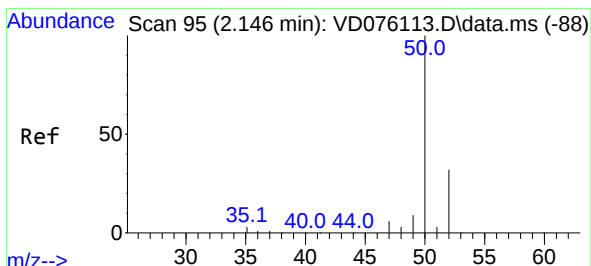
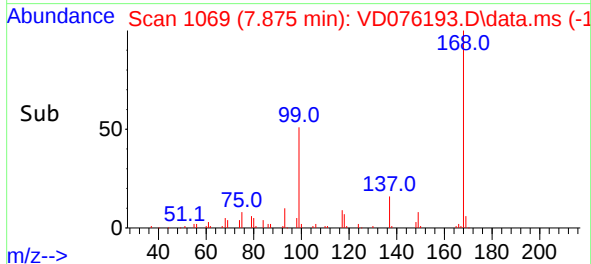
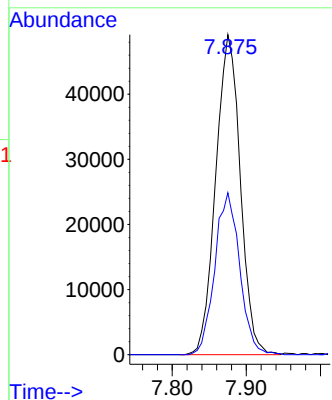
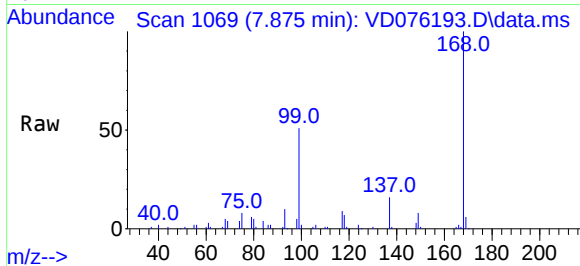




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076193.D
Acq: 23 May 2023 15:02

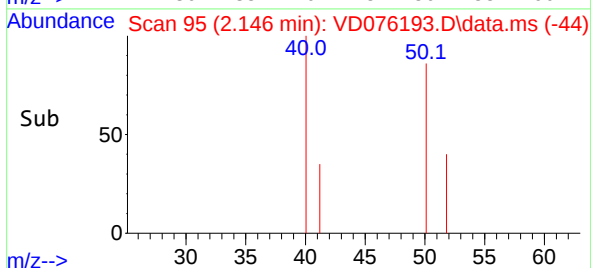
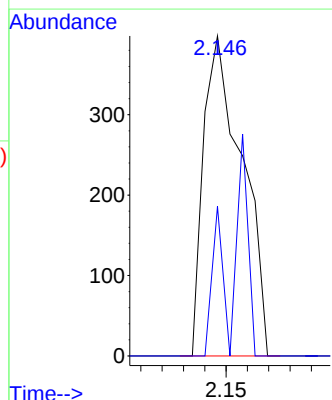
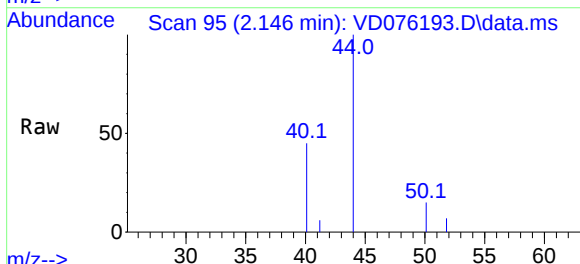
Instrument :
MSVOA_D
ClientSampleId :
TP-1

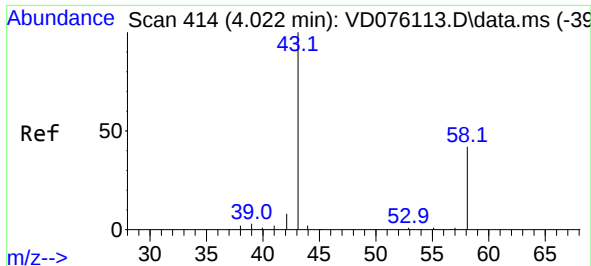
Tgt Ion:168 Resp: 113120
Ion Ratio Lower Upper
168 100
99 50.6 43.8 65.6



#3
Chloromethane
Concen: Below Cal
RT: 2.146 min Scan# 95
Delta R.T. -0.000 min
Lab File: VD076193.D
Acq: 23 May 2023 15:02

Tgt Ion: 50 Resp: 501
Ion Ratio Lower Upper
50 100
52 46.7 27.8 41.8#





#16

Acetone

Concen: 2.850 ug/l

RT: 4.028 min Scan# 41

Delta R.T. 0.006 min

Lab File: VD076193.D

Acq: 23 May 2023 15:02

Instrument :

MSVOA_D

ClientSampleId :

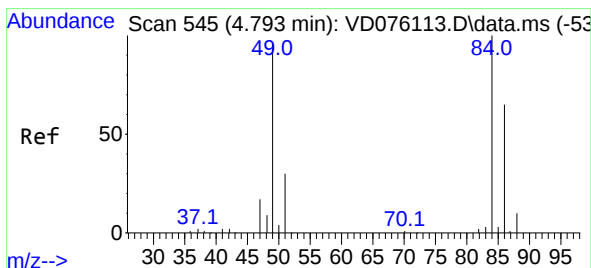
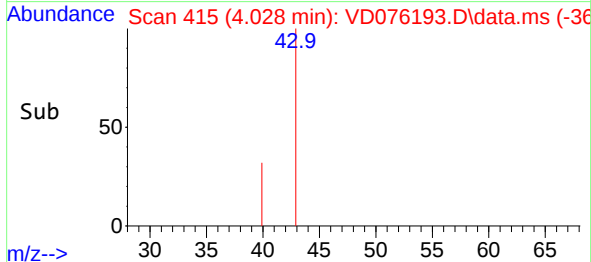
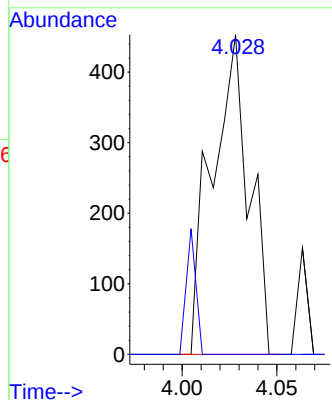
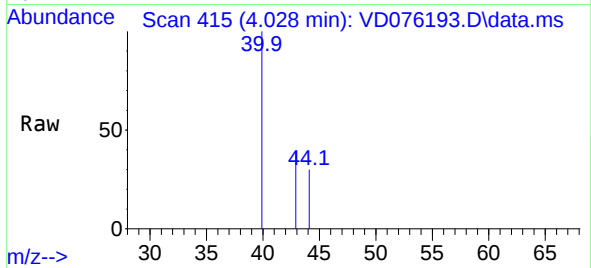
TP-1

Tgt Ion: 43 Resp: 620

Ion Ratio Lower Upper

43 100

58 0.0 24.4 36.6#



#20

Methylene Chloride

Concen: 4.978 ug/l

RT: 4.799 min Scan# 546

Delta R.T. -0.000 min

Lab File: VD076193.D

Acq: 23 May 2023 15:02

Tgt Ion: 84 Resp: 22464

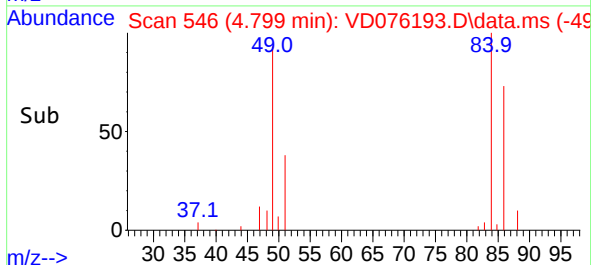
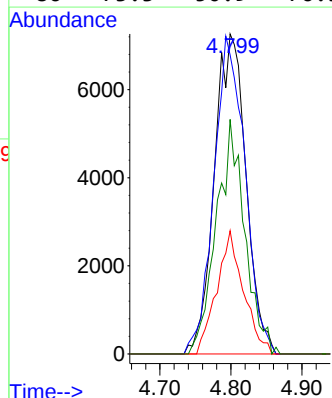
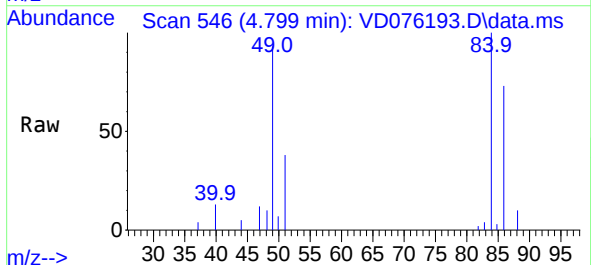
Ion Ratio Lower Upper

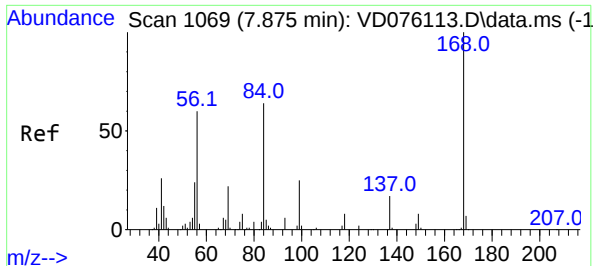
84 100

49 93.5 106.4 159.6#

51 38.5 32.4 48.6

86 73.3 50.9 76.3





#31

Cyclohexane

Concen: 1.464 ug/l

RT: 7.869 min Scan# 1068

Delta R.T. -0.006 min

Lab File: VD076193.D

Acq: 23 May 2023 15:02

Instrument :

MSVOA_D

ClientSampleId :

TP-1

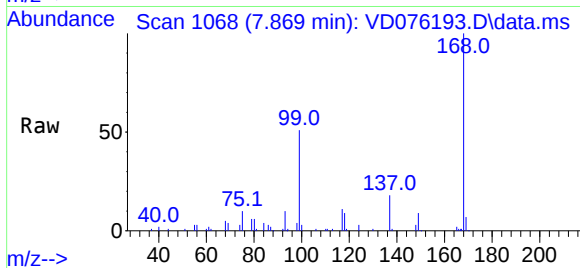
Tgt Ion: 56 Resp: 2451

Ion Ratio Lower Upper

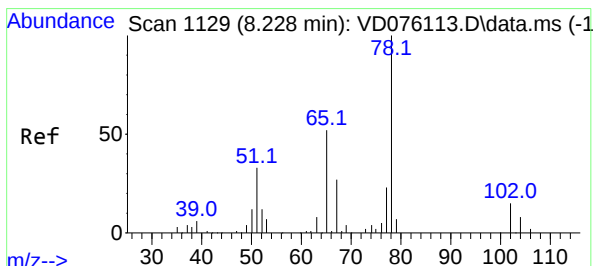
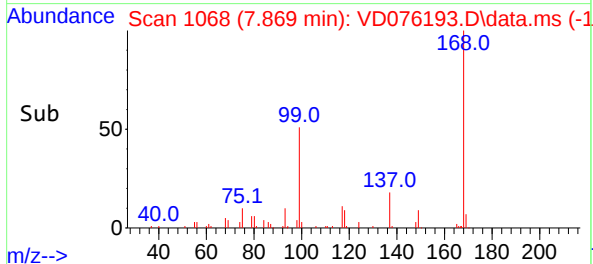
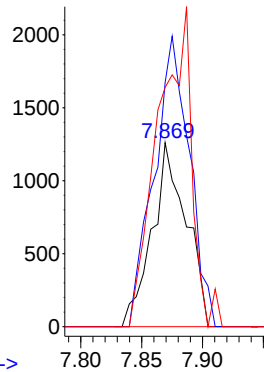
56 100

69 132.6 25.5 38.3#

84 130.0 69.6 104.4#



Abundance



#33

1,2-Dichloroethane-d4

Concen: 62.969 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD076193.D

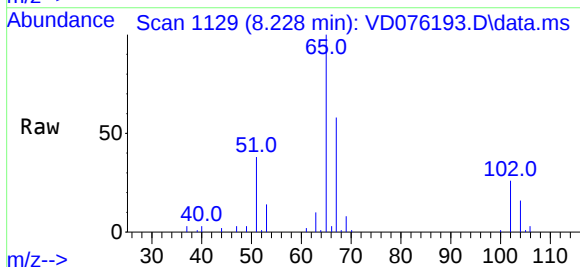
Acq: 23 May 2023 15:02

Tgt Ion: 65 Resp: 68843

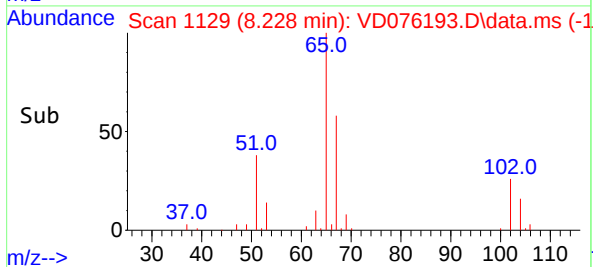
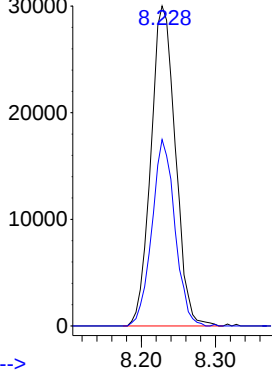
Ion Ratio Lower Upper

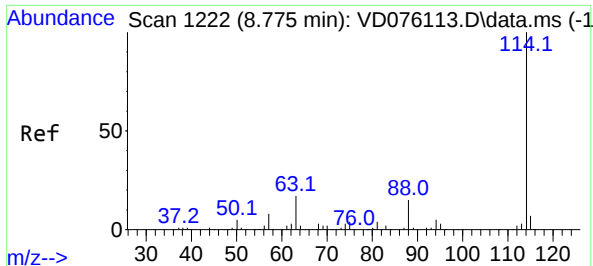
65 100

67 54.7 0.0 102.2



Abundance



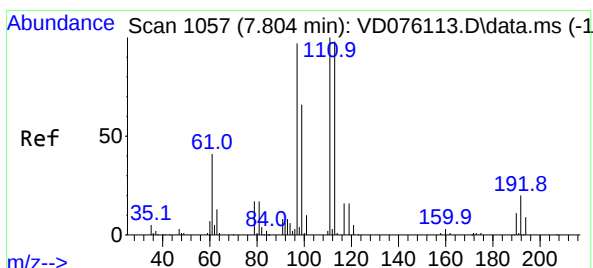
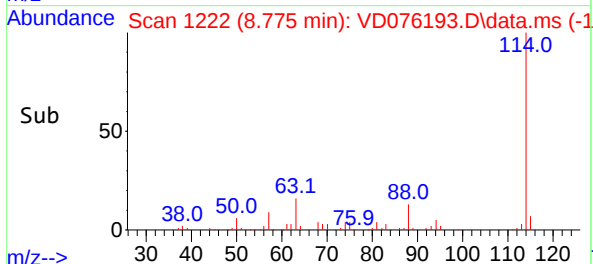
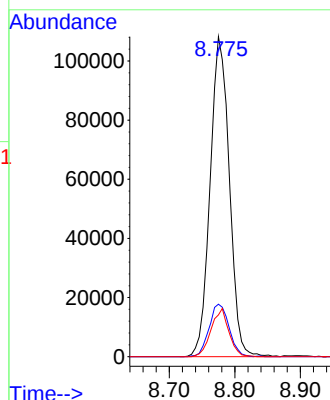
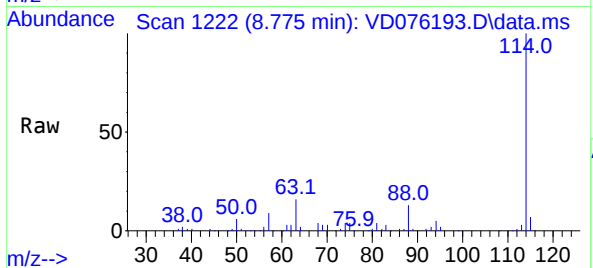


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD076193.D
Acq: 23 May 2023 15:02

Instrument :
MSVOA_D
ClientSampleId :
TP-1

Tgt Ion:114 Resp: 220178

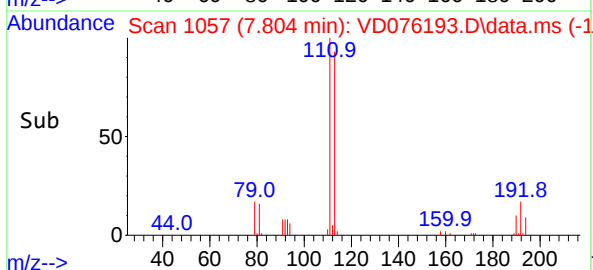
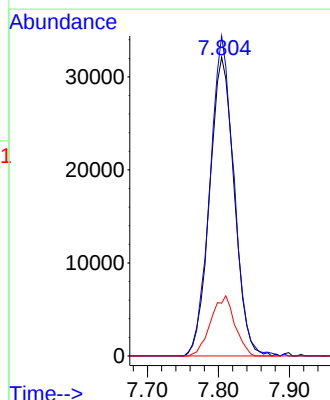
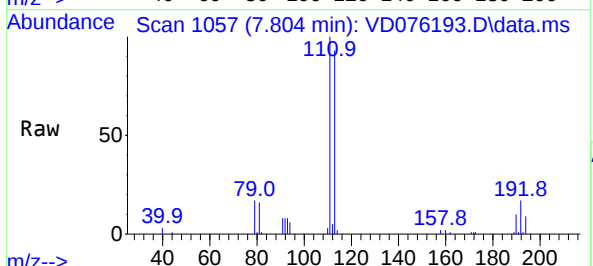
Ion	Ratio	Lower	Upper
114	100		
63	16.4	0.0	41.6
88	13.0	0.0	30.6

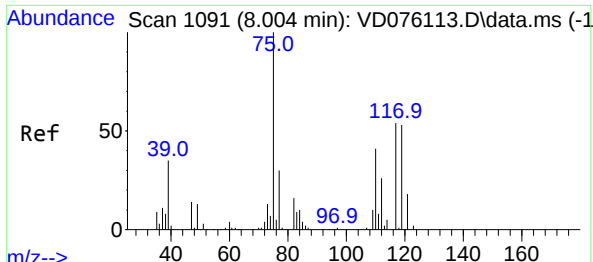


#35
Dibromofluoromethane
Concen: 50.869 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. -0.001 min
Lab File: VD076193.D
Acq: 23 May 2023 15:02

Tgt Ion:113 Resp: 77418

Ion	Ratio	Lower	Upper
113	100		
111	104.0	81.4	122.0
192	19.6	15.2	22.8

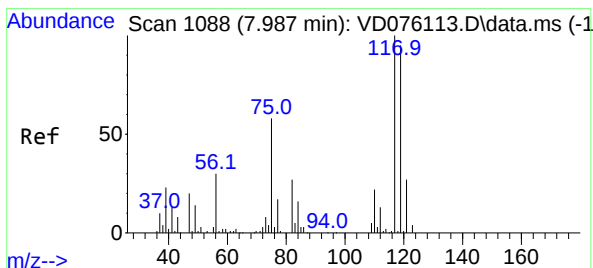
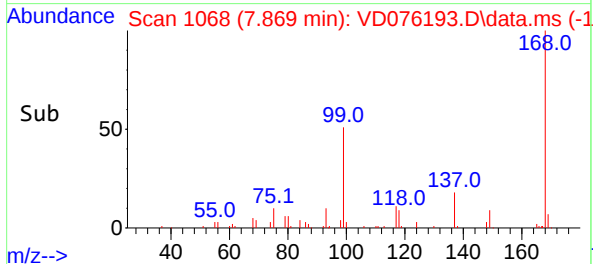
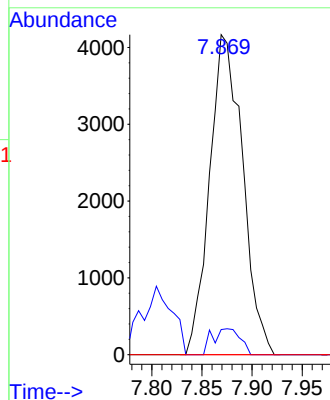
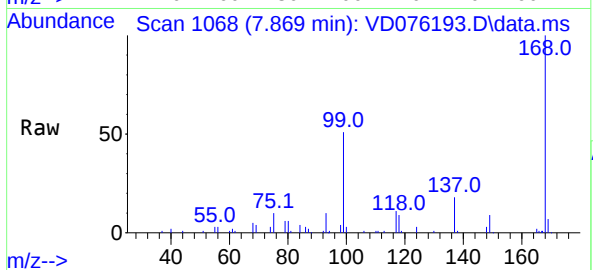




#36
1,1-Dichloropropene
Concen: 4.634 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.141 min
Lab File: VD076193.D
Acq: 23 May 2023 15:02

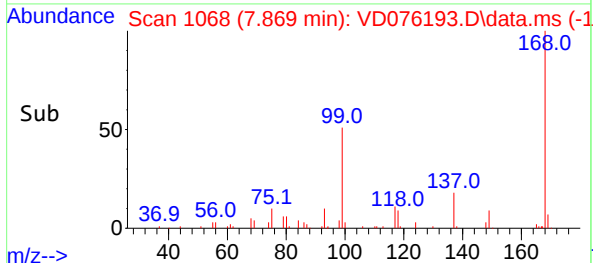
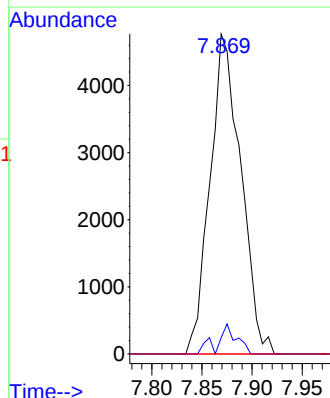
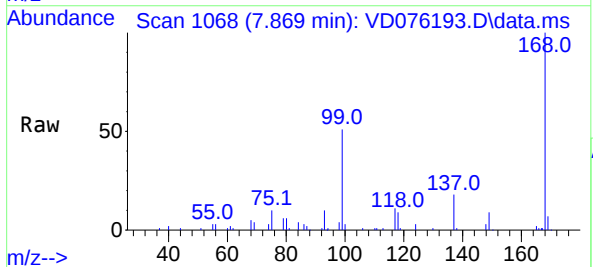
Instrument :
MSVOA_D
ClientSampleId :
TP-1

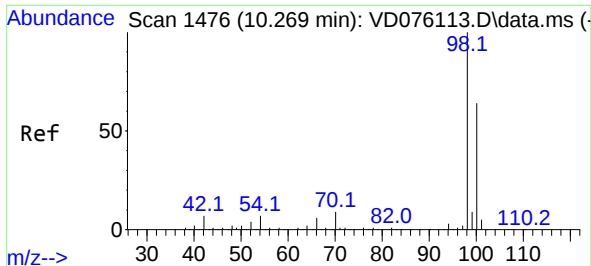
Tgt Ion: 75	Resp: 9524
Ion Ratio	Lower Upper
75 100	
110 6.9	17.1 51.2#
77 0.0	24.6 36.8#



#38
Carbon Tetrachloride
Concen: 5.487 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.124 min
Lab File: VD076193.D
Acq: 23 May 2023 15:02

Tgt Ion: 117	Resp: 10187
Ion Ratio	Lower Upper
117 100	
119 5.1	74.7 112.1#
121 0.0	25.9 38.9#

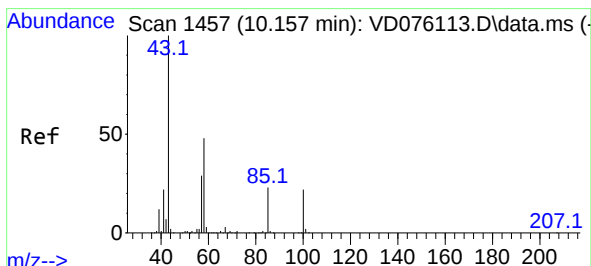
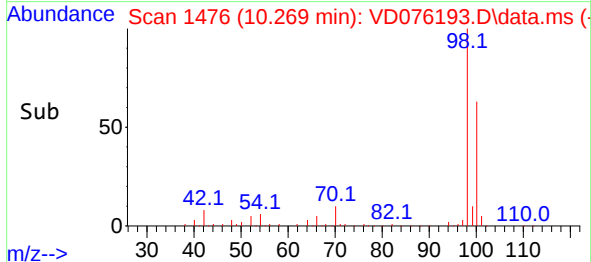
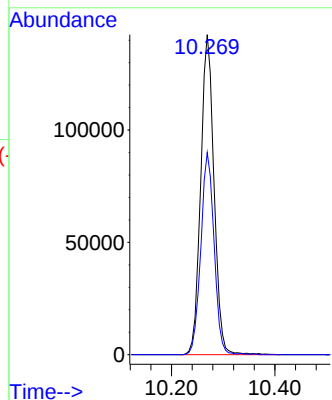
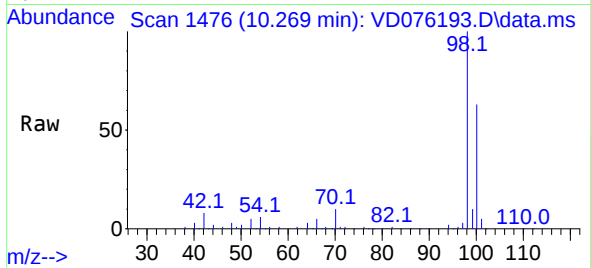




#50
Toluene-d8
Concen: 42.958 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076193.D
Acq: 23 May 2023 15:02

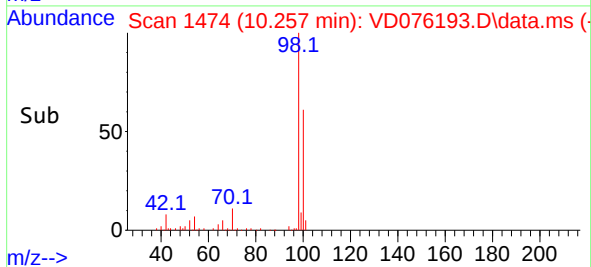
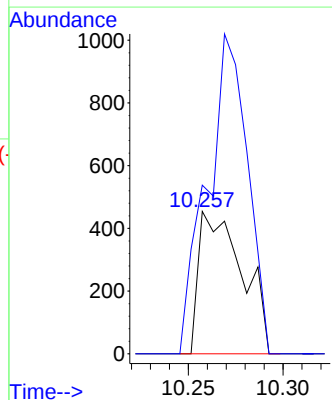
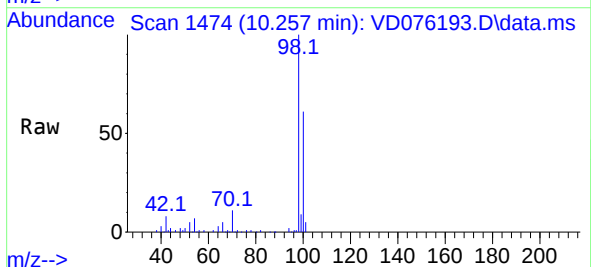
Instrument :
MSVOA_D
ClientSampleId :
TP-1

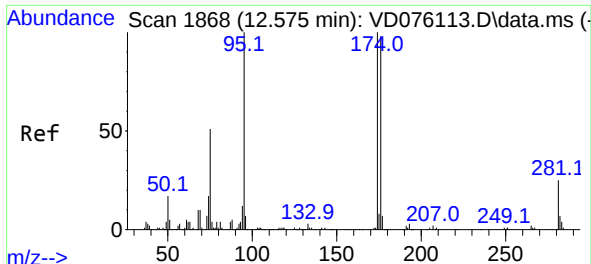
Tgt Ion: 98 Resp: 254862
Ion Ratio Lower Upper
98 100
100 62.7 52.1 78.1



#51
4-Methyl-2-Pentanone
Concen: 1.022 ug/l
RT: 10.257 min Scan# 1474
Delta R.T. 0.100 min
Lab File: VD076193.D
Acq: 23 May 2023 15:02

Tgt Ion: 43 Resp: 723
Ion Ratio Lower Upper
43 100
58 209.4 29.5 44.3#



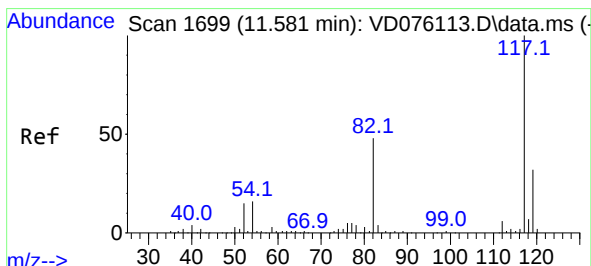
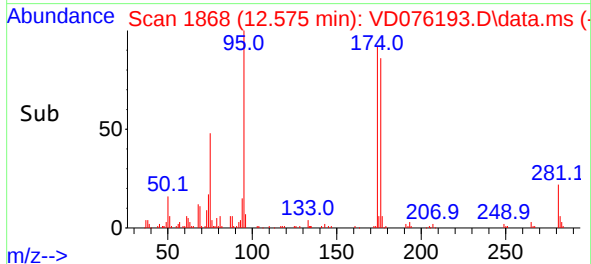
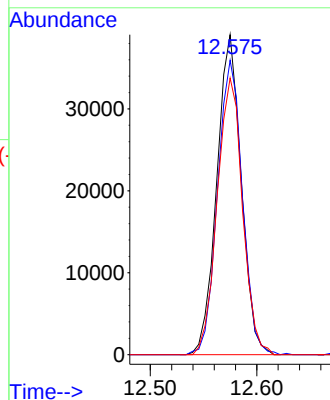
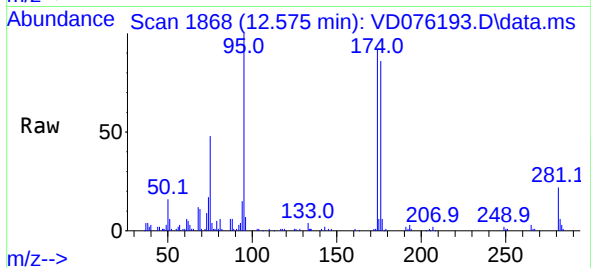


#62
4-Bromofluorobenzene
Concen: 37.686 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076193.D
Acq: 23 May 2023 15:02

Instrument :
MSVOA_D
ClientSampleId :
TP-1

Tgt Ion: 95 Resp: 62108

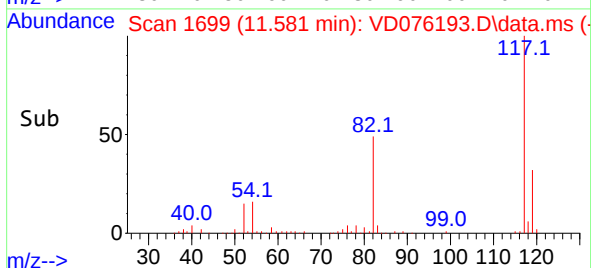
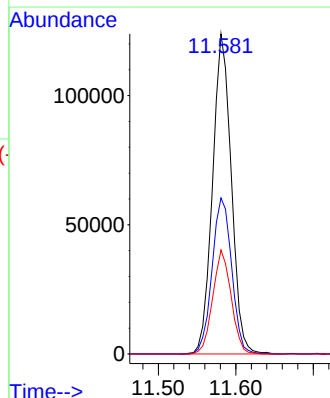
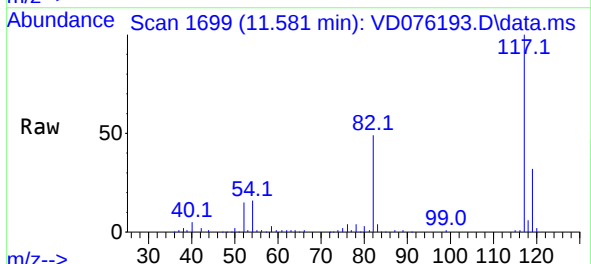
Ion	Ratio	Lower	Upper
95	100		
174	93.5	0.0	164.0
176	89.5	0.0	156.8

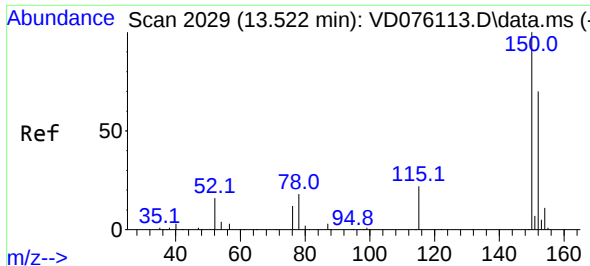


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD076193.D
Acq: 23 May 2023 15:02

Tgt Ion: 117 Resp: 207995

Ion	Ratio	Lower	Upper
117	100		
82	48.8	44.0	66.0
119	32.5	25.1	37.7

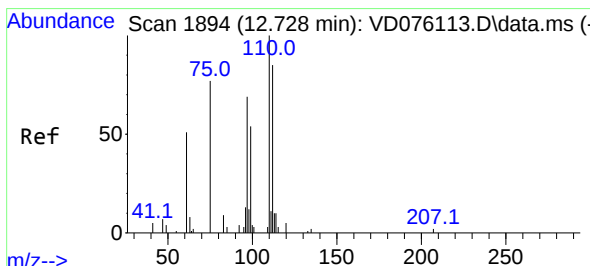
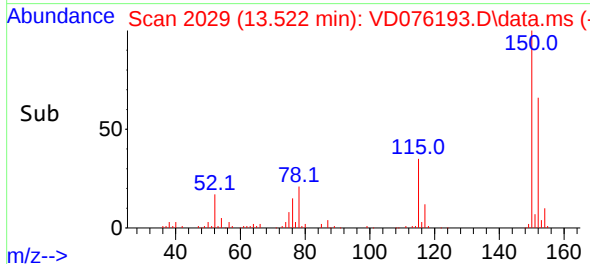
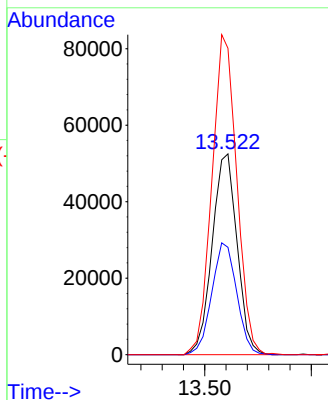
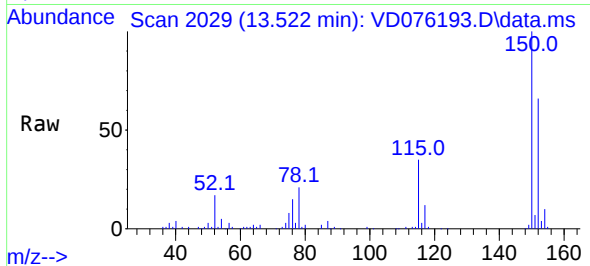




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.522 min Scan# 2029
 Delta R.T. -0.000 min
 Lab File: VD076193.D
 Acq: 23 May 2023 15:02

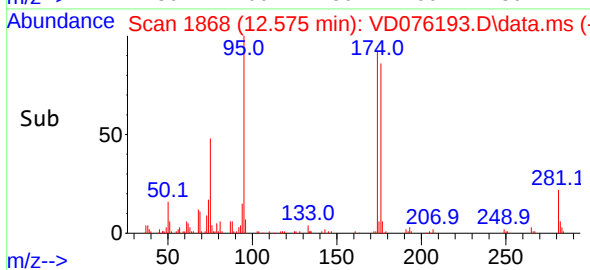
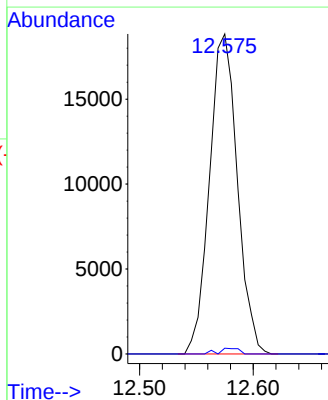
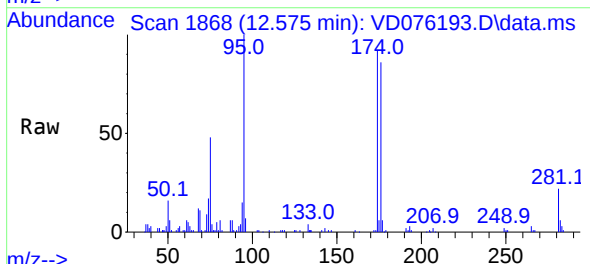
Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1

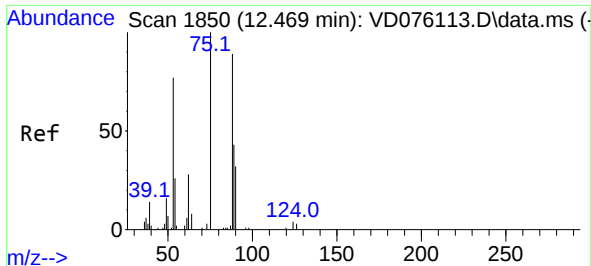
Tgt Ion:152 Resp: 85259
 Ion Ratio Lower Upper
 152 100
 115 55.9 30.1 90.3
 150 158.9 0.0 364.8



#76
 1,2,3-Trichloropropane
 Concen: 43.002 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. -0.153 min
 Lab File: VD076193.D
 Acq: 23 May 2023 15:02

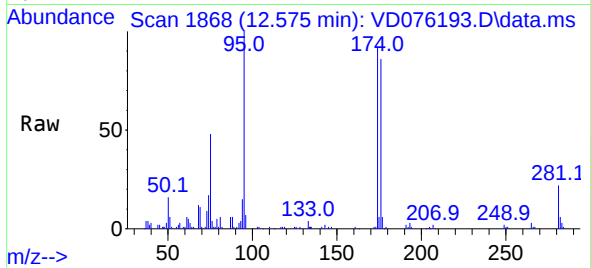
Tgt Ion: 75 Resp: 32083
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 90.210 ug/l
 RT: 12.575 min Scan# 11
 Delta R.T. 0.100 min
 Lab File: VD076193.D
 Acq: 23 May 2023 15:02

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1



Tgt Ion: 75 Resp: 32083
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.5 40.2 60.4#

