

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062023\
 Data File : VD076484.D
 Acq On : 20 Jun 2023 11:17
 Operator : KP/SY
 Sample : VD0620SBL01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0620SBL01

Quant Time: Jun 30 09:34:07 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)

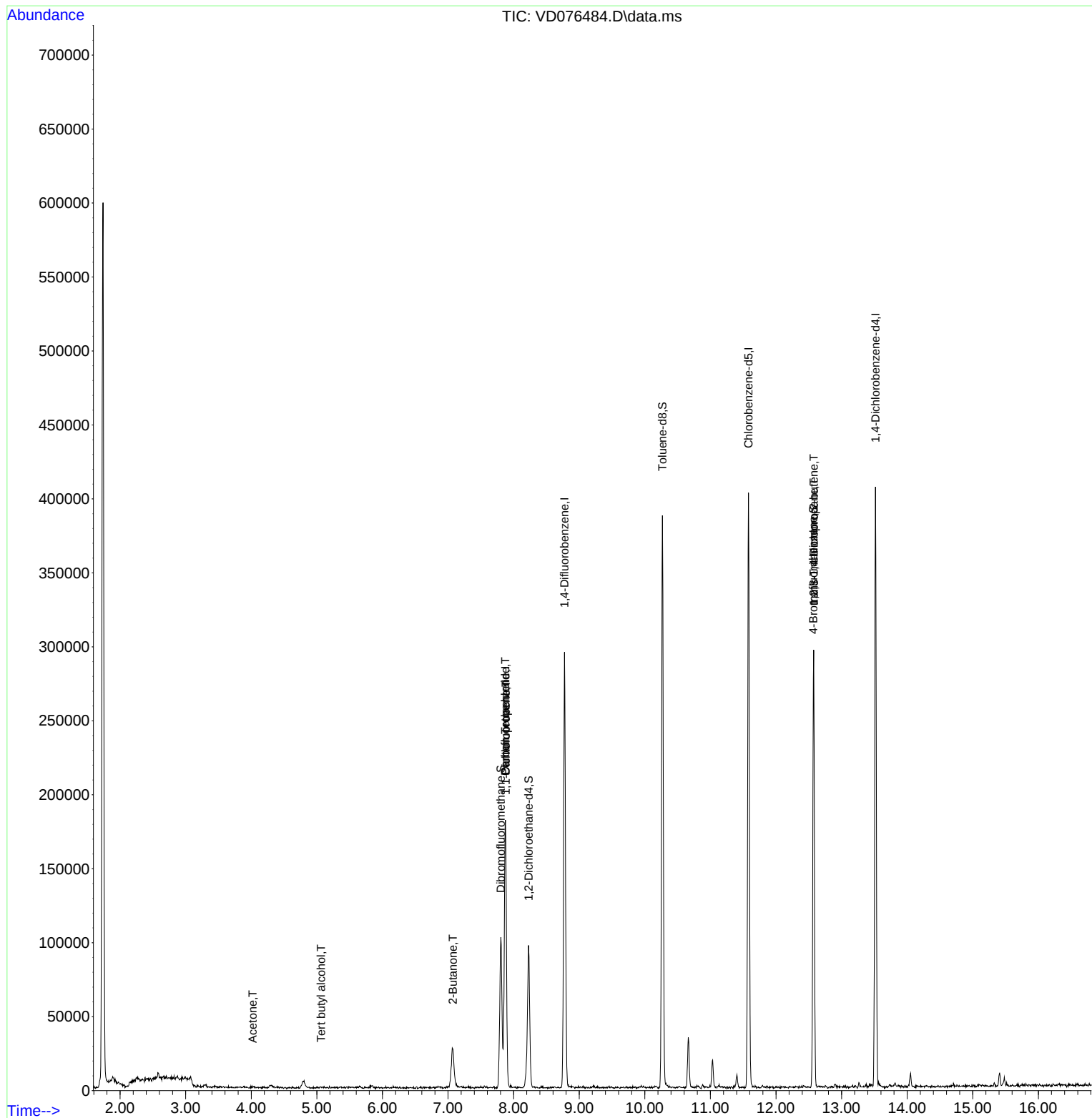
Internal Standards						
1) Pentafluorobenzene	7.875	168	146134	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	251647	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	225762	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	106968	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	65738	44.899	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	89.800%
35) Dibromofluoromethane	7.805	113	71845	48.058	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.120%
50) Toluene-d8	10.269	98	264003	46.565	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.140%
62) 4-Bromofluorobenzene	12.569	95	82523	44.849	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	89.700%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.064	59	188	1.487	ug/l #	23
16) Acetone	4.022	43	835	2.397	ug/l #	32
20) Methylene Chloride	4.799	84	3046	Below Cal	#	89
25) 2-Butanone	7.075	43	1667	3.093	ug/l #	37
28) Bromochloromethane	7.199	49	62	Below Cal	#	1
31) Cyclohexane	7.875	56	3013	Below Cal	#	1
36) 1,1-Dichloropropene	7.881	75	12391	5.919	ug/l #	44
38) Carbon Tetrachloride	7.875	117	13814	7.383	ug/l #	16
76) 1,2,3-Trichloropropane	12.575	75	43819	41.275	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	43819	90.443	ug/l #	17

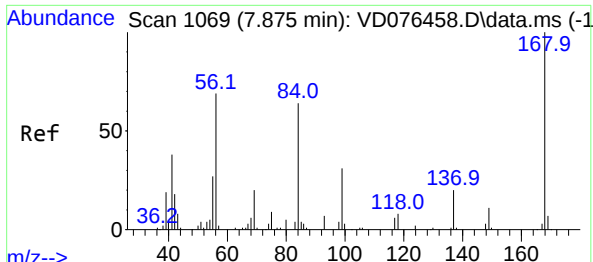
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062023\
Data File : VD076484.D
Acq On : 20 Jun 2023 11:17
Operator : KP/SY
Sample : VD0620SBL01
Misc : 5.00G/5.0ml/MSVOA_D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0620SBL01

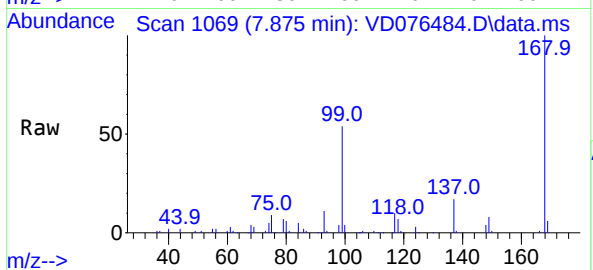
Quant Time: Jun 30 09:34:07 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061623S.M
Quant Title : SW846 8260
QLast Update : Mon Jun 19 04:51:45 2023
Response via : Initial Calibration



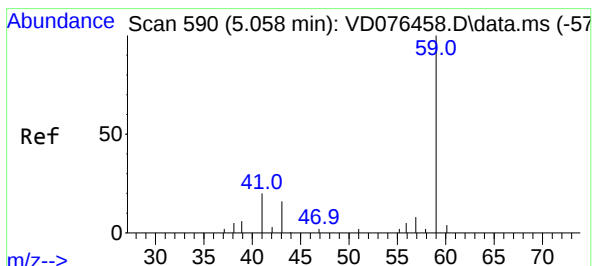
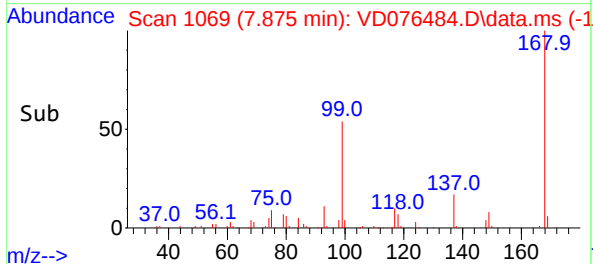
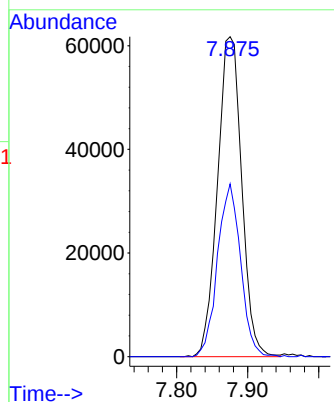


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076484.D
Acq: 20 Jun 2023 11:17

Instrument :
MSVOA_D
ClientSampleId :
VD0620SBL01

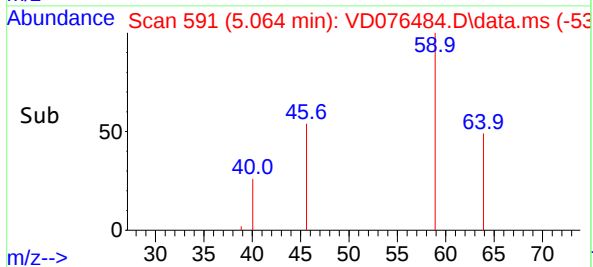
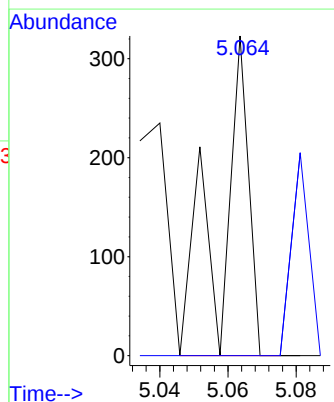
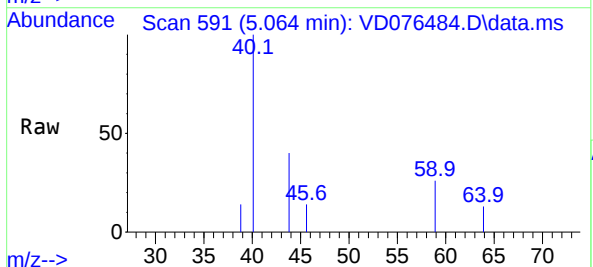


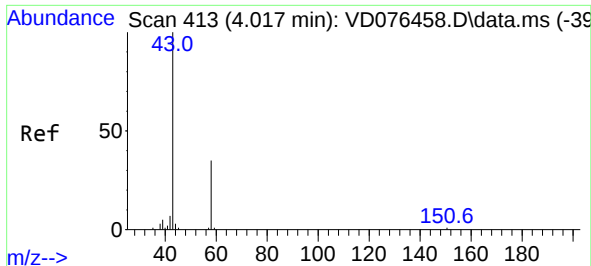
Tgt Ion:168 Resp: 146134
Ion Ratio Lower Upper
168 100
99 54.0 36.7 55.1



#11
Tert butyl alcohol
Concen: 1.487 ug/l
RT: 5.064 min Scan# 591
Delta R.T. 0.006 min
Lab File: VD076484.D
Acq: 20 Jun 2023 11:17

Tgt Ion: 59 Resp: 188
Ion Ratio Lower Upper
59 100
57 38.3 7.8 11.8#

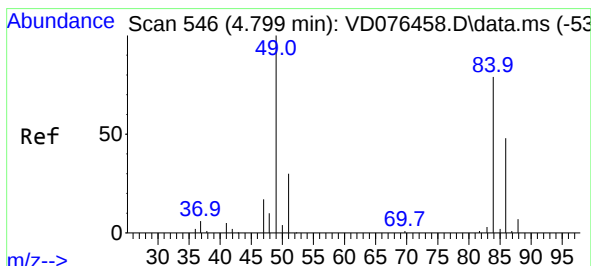
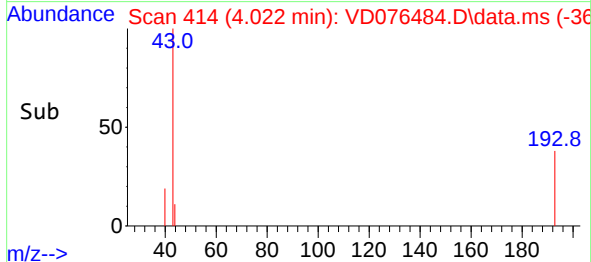
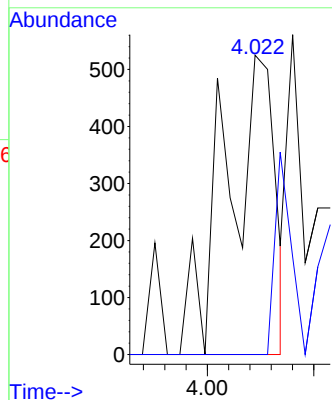
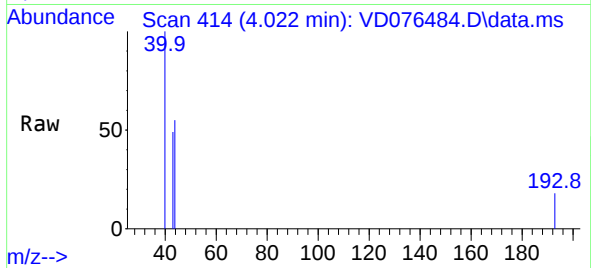




#16
Acetone
Concen: 2.397 ug/l
RT: 4.022 min Scan# 413
Delta R.T. 0.006 min
Lab File: VD076484.D
Acq: 20 Jun 2023 11:17

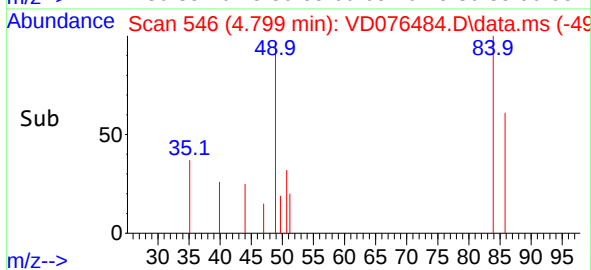
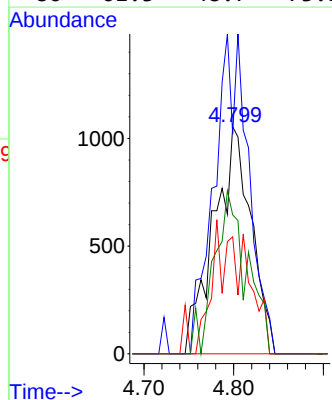
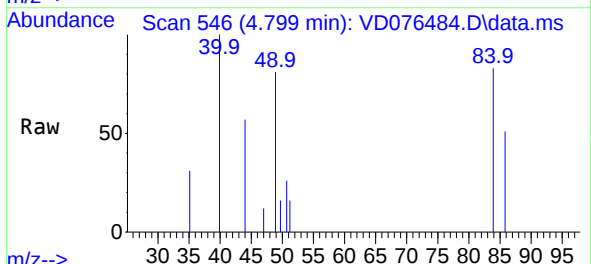
Instrument :
MSVOA_D
ClientSampleId :
VD0620SBL01

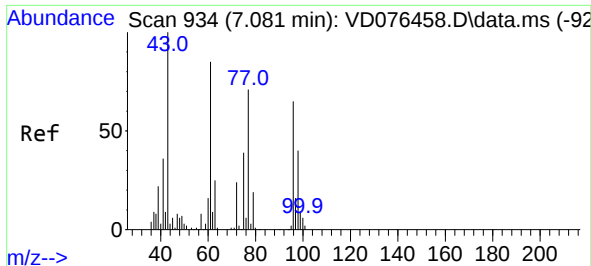
Tgt Ion: 43 Resp: 835
Ion Ratio Lower Upper
43 100
58 0.0 34.7 52.1#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD076484.D
Acq: 20 Jun 2023 11:17

Tgt Ion: 84 Resp: 3046
Ion Ratio Lower Upper
84 100
49 96.8 71.4 107.2
51 51.5 24.5 36.7#
86 61.3 48.7 73.1

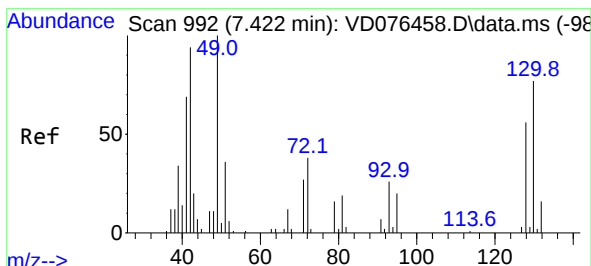
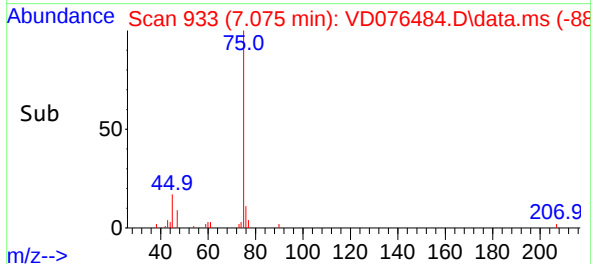
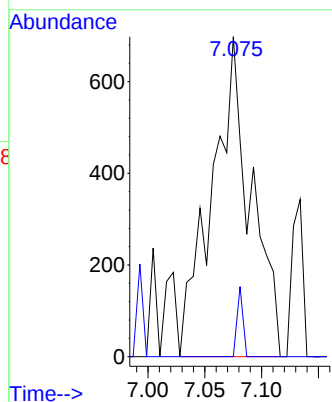
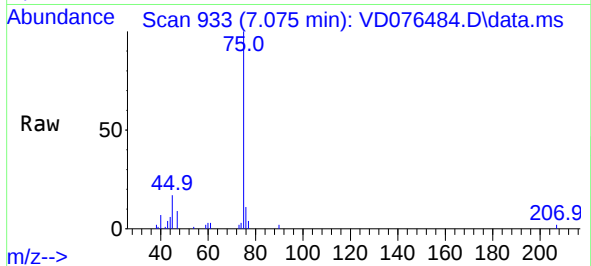




#25
2-Butanone
Concen: 3.093 ug/l
RT: 7.075 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD076484.D
Acq: 20 Jun 2023 11:17

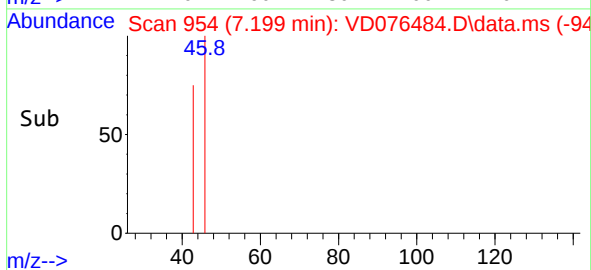
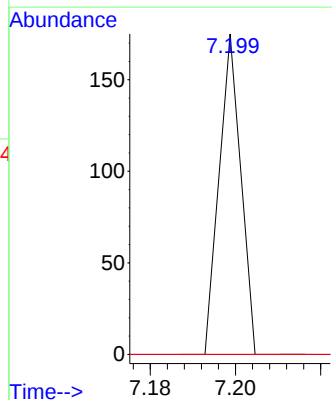
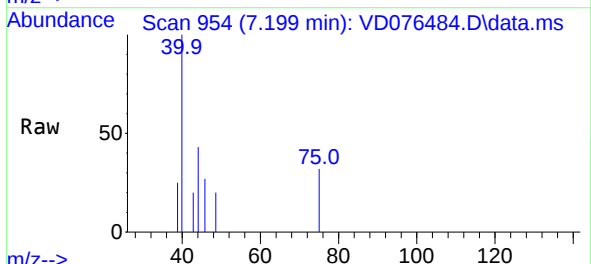
Instrument :
MSVOA_D
ClientSampleId :
VD0620SBL01

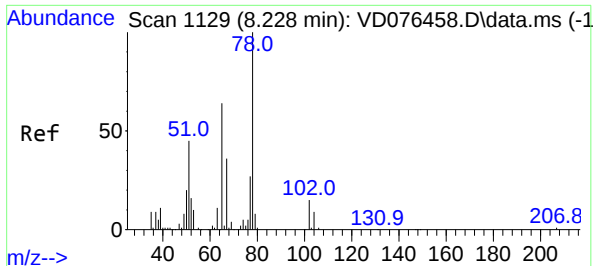
Tgt Ion: 43 Resp: 1667
Ion Ratio Lower Upper
43 100
72 0.0 30.7 46.1#



#28
Bromochloromethane
Concen: Below Cal
RT: 7.199 min Scan# 954
Delta R.T. -0.223 min
Lab File: VD076484.D
Acq: 20 Jun 2023 11:17

Tgt Ion: 49 Resp: 62
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: 44.899 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD076484.D

Acq: 20 Jun 2023 11:17

Instrument :

MSVOA_D

ClientSampleId :

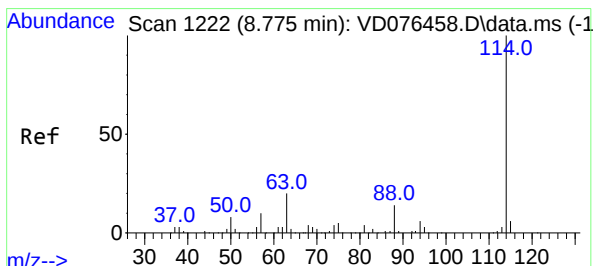
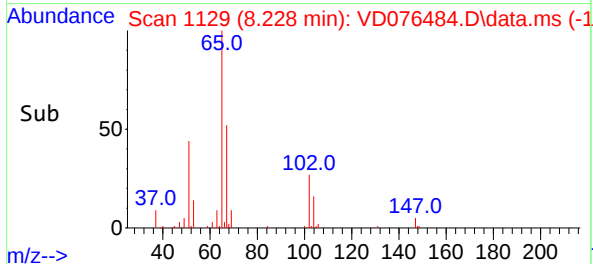
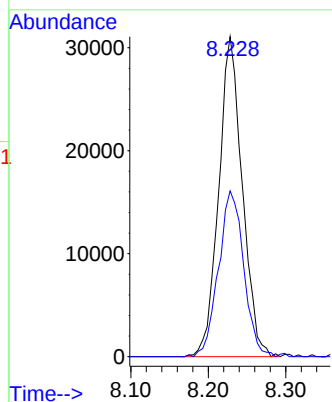
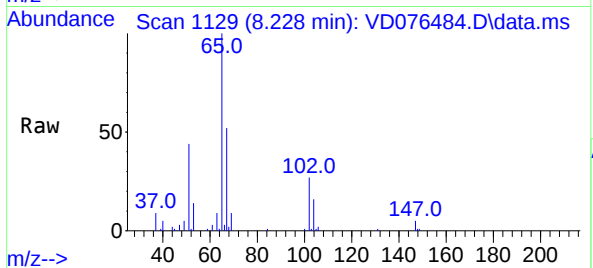
VD0620SBL01

Tgt Ion: 65 Resp: 65738

Ion Ratio Lower Upper

65 100

67 55.4 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: VD076484.D

Acq: 20 Jun 2023 11:17

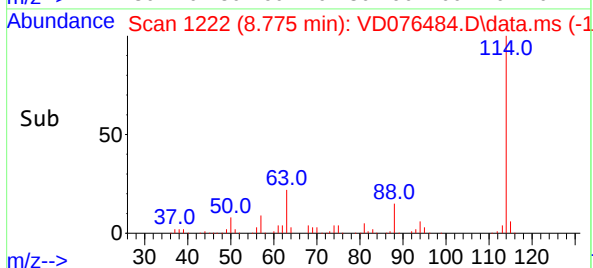
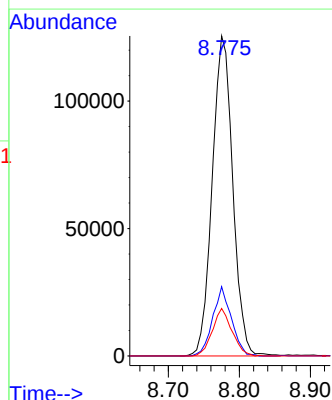
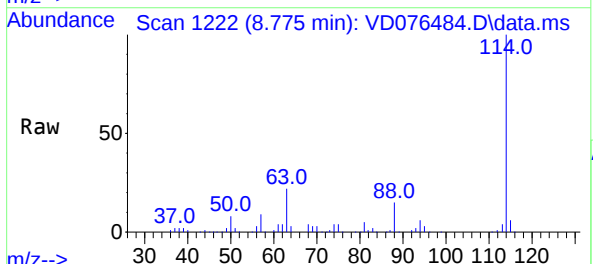
Tgt Ion: 114 Resp: 251647

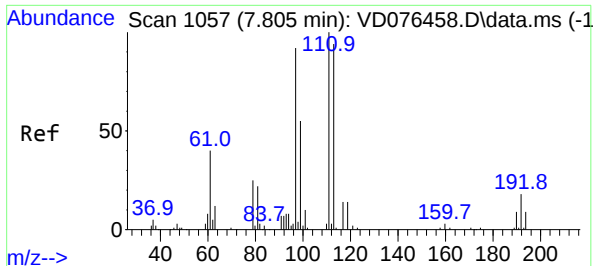
Ion Ratio Lower Upper

114 100

63 21.6 0.0 33.4

88 14.8 0.0 26.2

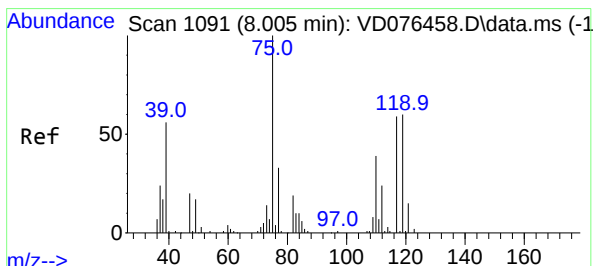
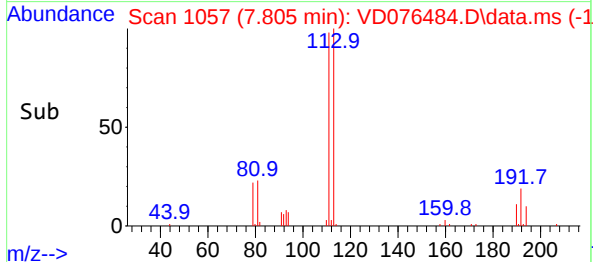
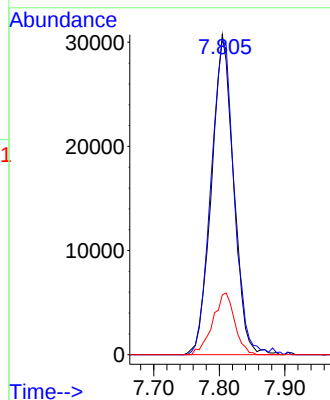
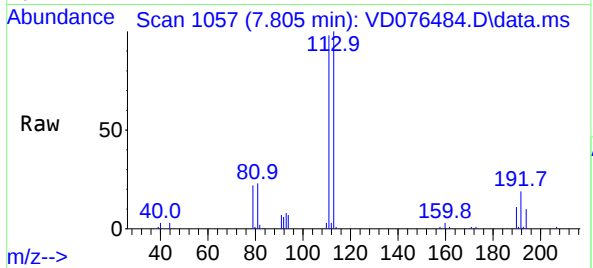




#35
Dibromofluoromethane
Concen: 48.058 ug/l
RT: 7.805 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VD076484.D
Acq: 20 Jun 2023 11:17

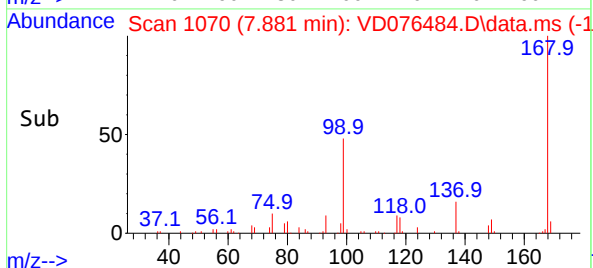
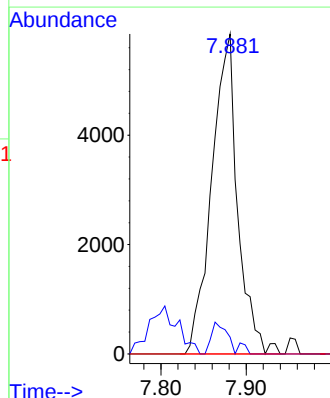
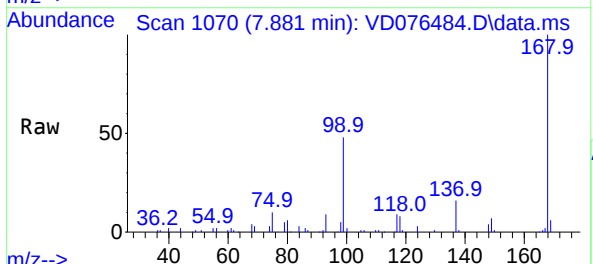
Instrument :
MSVOA_D
ClientSampleId :
VD0620SBL01

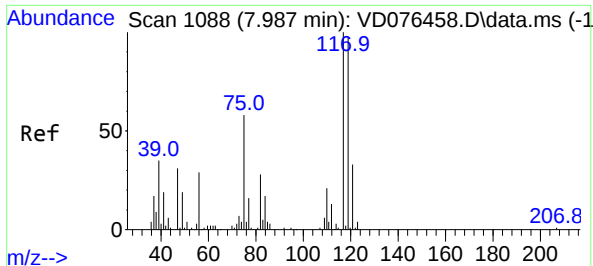
Tgt Ion:113 Resp: 71845
Ion Ratio Lower Upper
113 100
111 102.5 84.7 127.1
192 19.1 16.8 25.2



#36
1,1-Dichloropropene
Concen: 5.919 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.124 min
Lab File: VD076484.D
Acq: 20 Jun 2023 11:17

Tgt Ion: 75 Resp: 12391
Ion Ratio Lower Upper
75 100
110 5.9 19.9 59.6#
77 0.0 24.7 37.1#

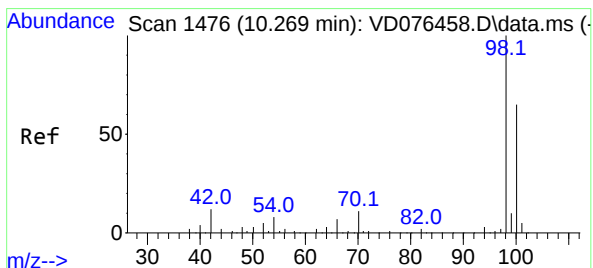
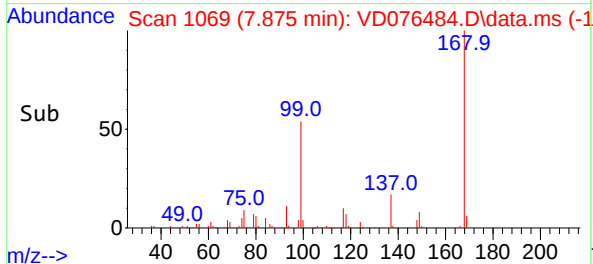
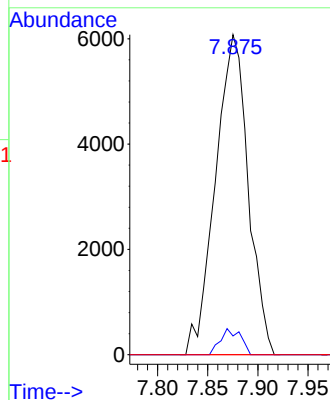
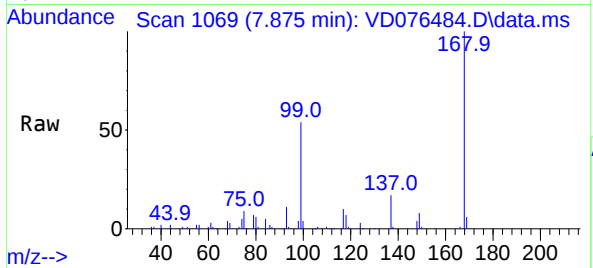




#38
Carbon Tetrachloride
Concen: 7.383 ug/l
RT: 7.875 min Scan# 1088
Delta R.T. -0.112 min
Lab File: VD076484.D
Acq: 20 Jun 2023 11:17

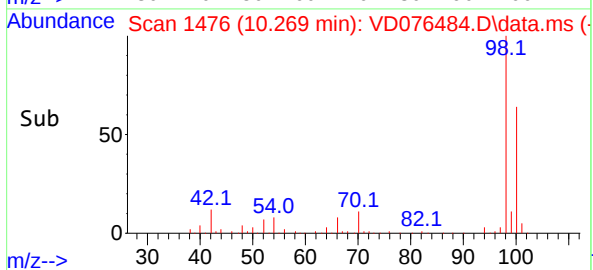
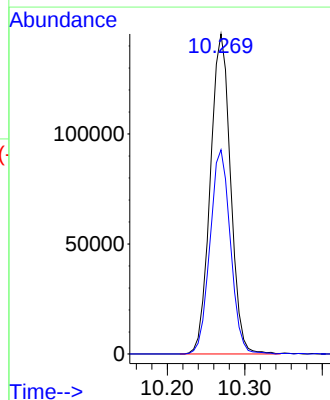
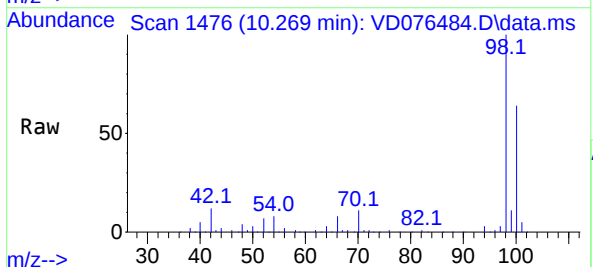
Instrument :
MSVOA_D
ClientSampleId :
VD0620SBL01

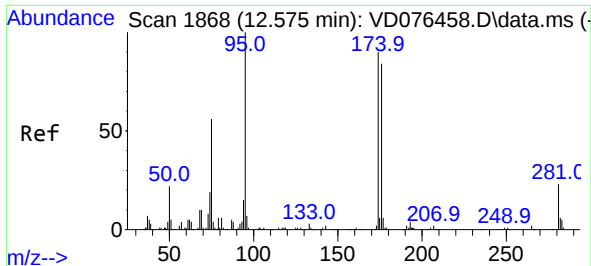
Tgt Ion:117 Resp: 13814
Ion Ratio Lower Upper
117 100
119 5.9 78.0 117.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 46.565 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076484.D
Acq: 20 Jun 2023 11:17

Tgt Ion: 98 Resp: 264003
Ion Ratio Lower Upper
98 100
100 64.3 50.3 75.5

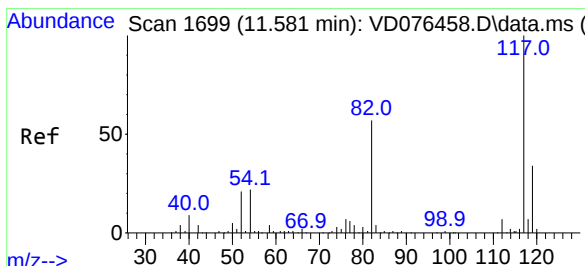
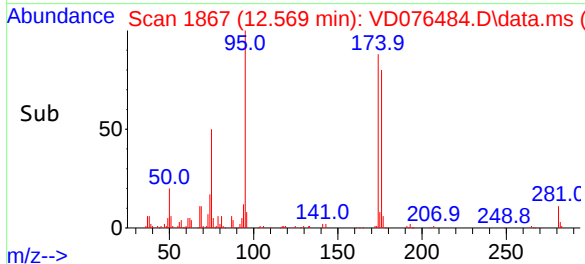
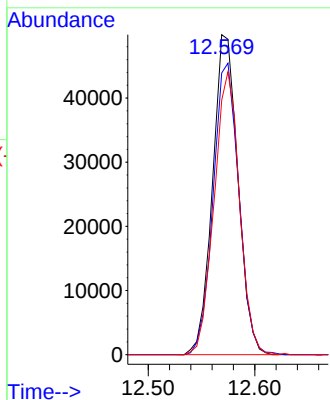
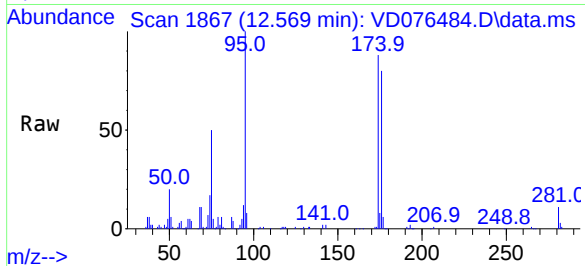




#62
4-Bromofluorobenzene
Concen: 44.849 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VD076484.D
Acq: 20 Jun 2023 11:17

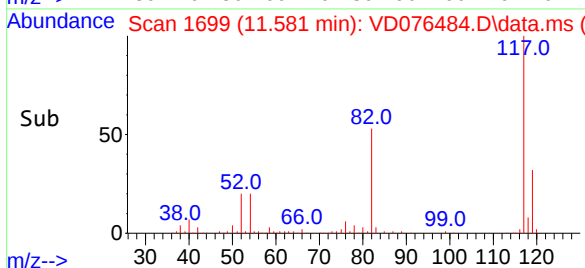
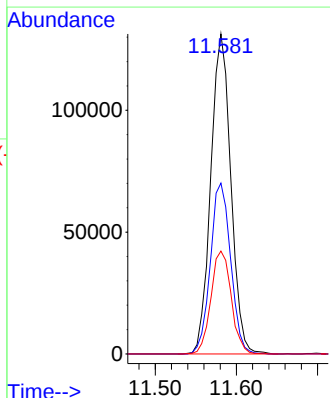
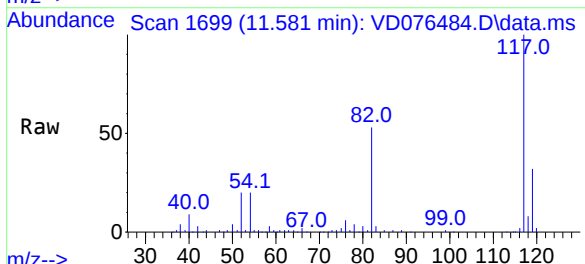
Instrument :
MSVOA_D
ClientSampleId :
VD0620SBL01

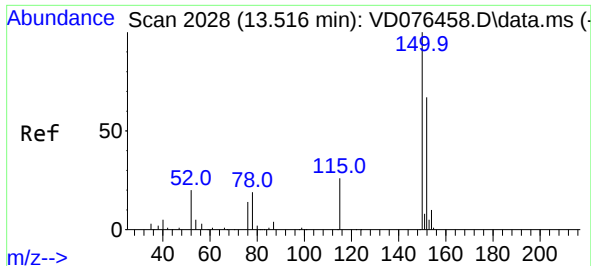
Tgt Ion:	95	Resp:	82523
Ion	Ratio	Lower	Upper
95	100		
174	92.2	0.0	201.8
176	88.3	0.0	191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD076484.D
Acq: 20 Jun 2023 11:17

Tgt Ion:	117	Resp:	225762
Ion	Ratio	Lower	Upper
117	100		
82	53.4	38.3	57.5
119	32.2	25.0	37.4

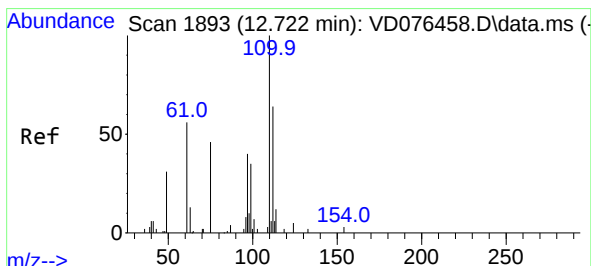
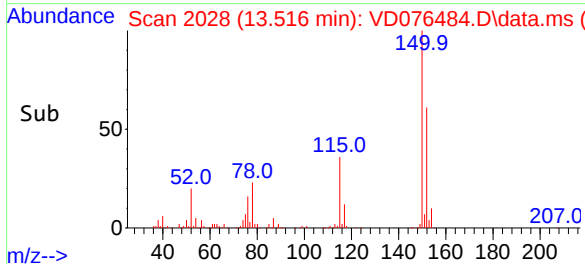
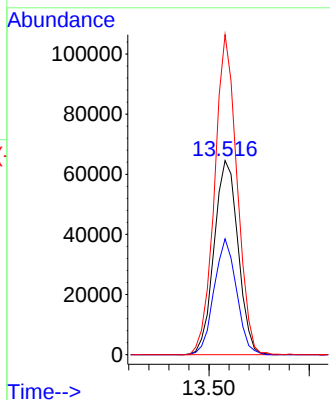
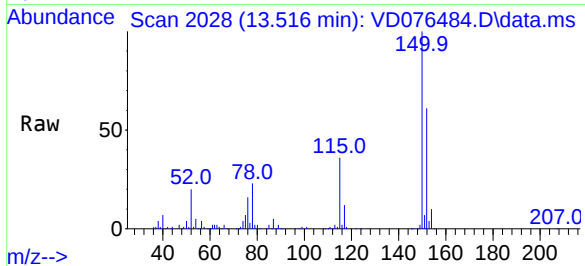




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 20
Delta R.T. 0.000 min
Lab File: VD076484.D
Acq: 20 Jun 2023 11:17

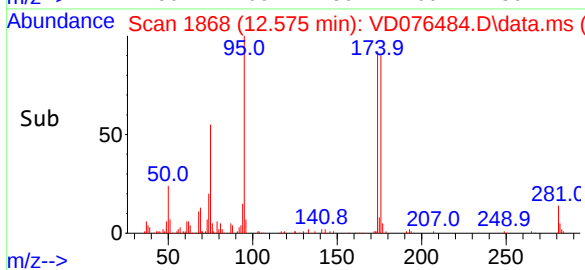
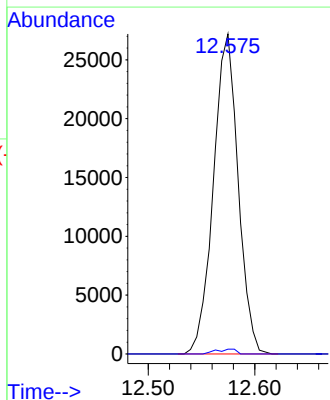
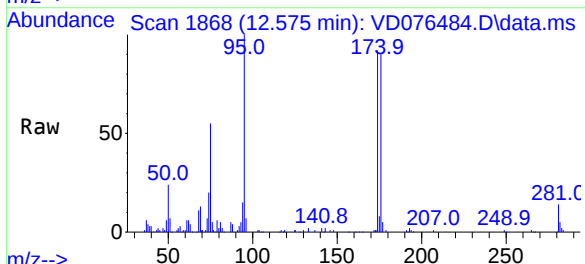
Instrument :
MSVOA_D
ClientSampleId :
VD0620SBL01

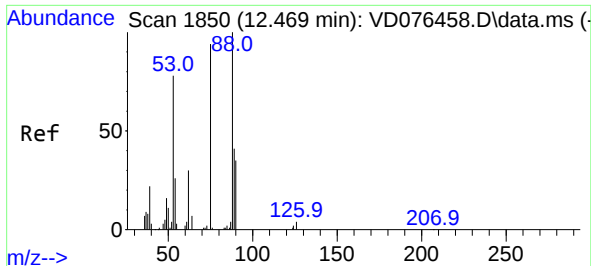
Tgt Ion:152 Resp: 106968
Ion Ratio Lower Upper
152 100
115 55.9 27.1 81.3
150 154.5 0.0 353.6



#76
1,2,3-Trichloropropane
Concen: 41.275 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.147 min
Lab File: VD076484.D
Acq: 20 Jun 2023 11:17

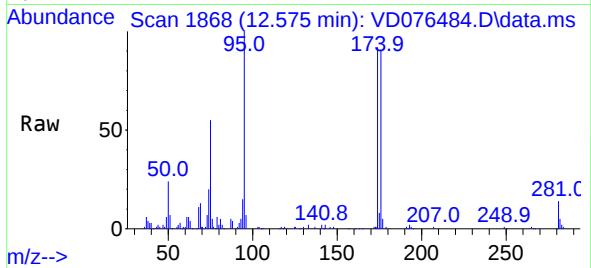
Tgt Ion: 75 Resp: 43819
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 90.443 ug/l
 RT: 12.575 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD076484.D
 Acq: 20 Jun 2023 11:17

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0620SBL01



Tgt Ion:	75	Resp:	43819
Ion	Ratio	Lower	Upper
75	100		
53	0.0	63.0	94.4#
89	0.2	37.9	56.9#

