

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082621\
 Data File : VD070268.D
 Acq On : 26 Aug 2021 13:51
 Operator : VA/SY
 Sample : M3543-01
 Misc : 5.05G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP

Quant Time: Aug 27 01:23:29 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081321S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 14 02:33:51 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	201121	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	382037	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	416100	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	173690	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	173617	73.396	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	146.800%
35) Dibromofluoromethane	7.914	113	153275	62.100	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	124.200%
50) Toluene-d8	10.338	98	499891	52.072	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.140%
62) 4-Bromofluorobenzene	12.626	95	169291	53.540	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	107.080%

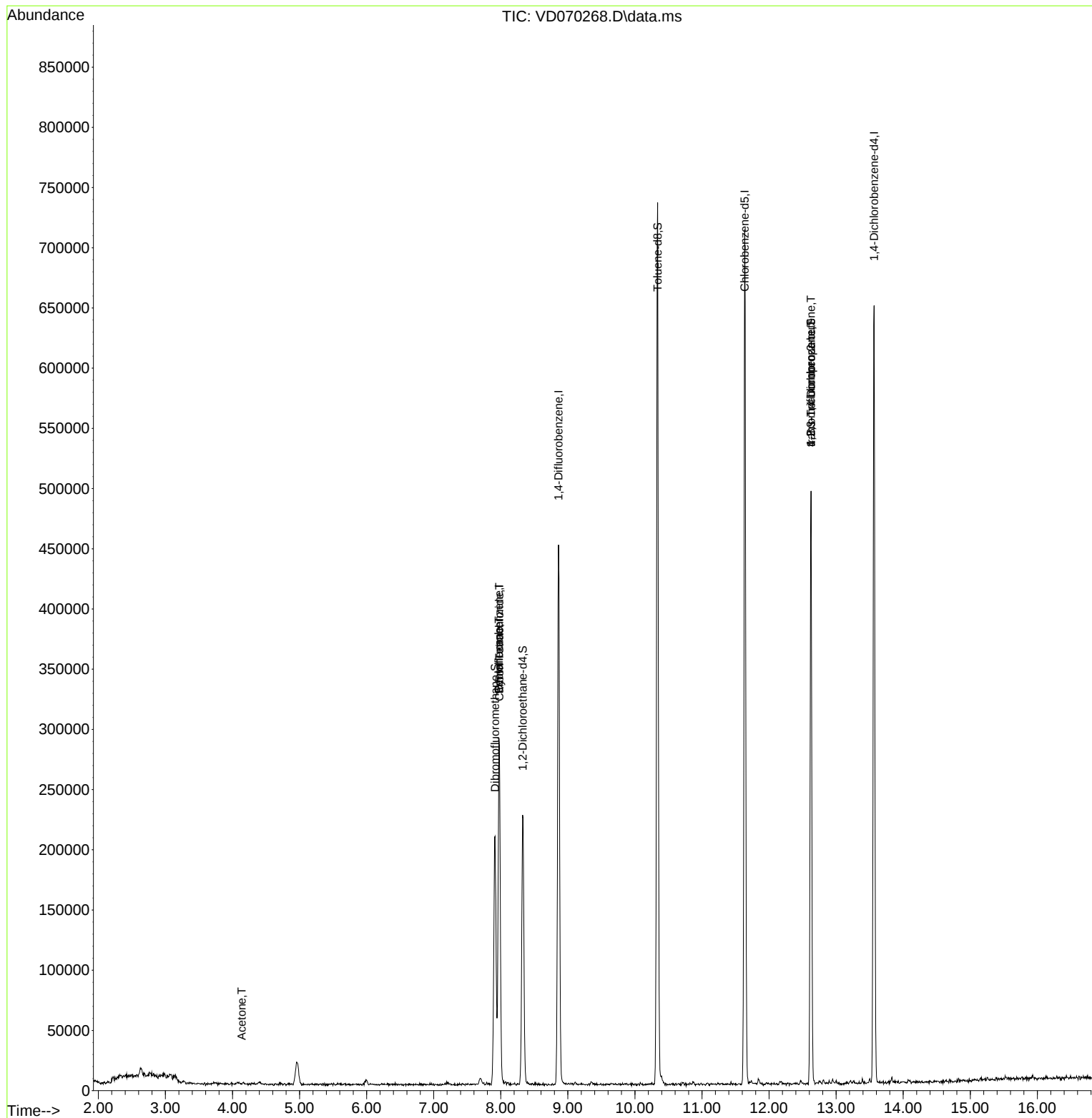
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.985	85	824	Below Cal	94
3) Chloromethane	2.209	50	1305	Below Cal	# 76
5) Bromomethane	2.779	94	2352	Below Cal	# 67
16) Acetone	4.138	43	446	1.023 ug/l	# 41
20) Methylene Chloride	4.962	84	16249	Below Cal	97
31) Cyclohexane	7.973	56	6324	1.351 ug/l	# 27
38) Carbon Tetrachloride	7.979	117	22314	5.980 ug/l	# 17
76) 1,2,3-Trichloropropane	12.626	75	82297	46.721 ug/l	# 1
81) trans-1,4-Dichloro-2-b...	12.626	75	82297	121.271 ug/l	# 18

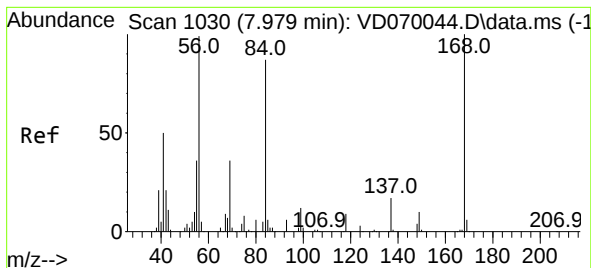
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Aug 14 02:33:51 2021
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.973 min Scan# 1029

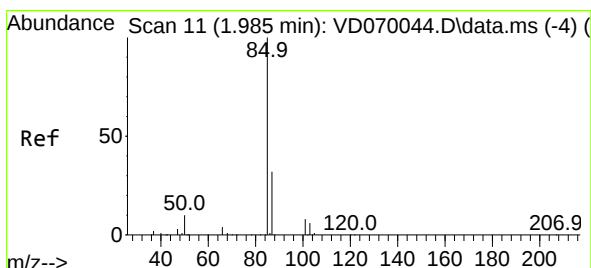
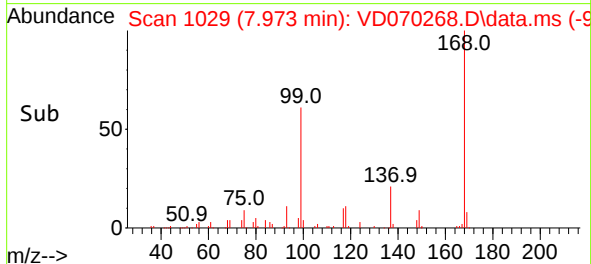
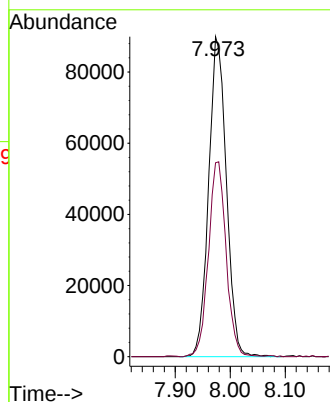
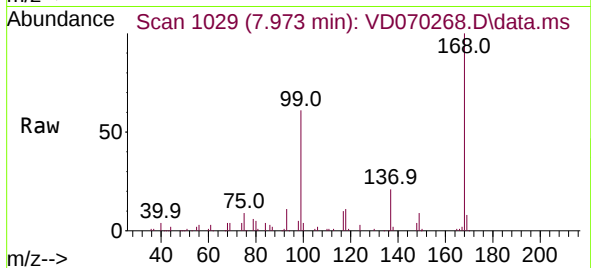
Delta R.T. -0.006 min

Lab File: VD070268.D

Acq: 26 Aug 2021 13:51

Instrument :
MSVOA_D
ClientSampled :
SP

Tgt Ion:168 Resp: 201121
Ion Ratio Lower Upper
168 100
99 60.6 50.3 75.5



#2

Dichlorodifluoromethane

Concen: Below Cal

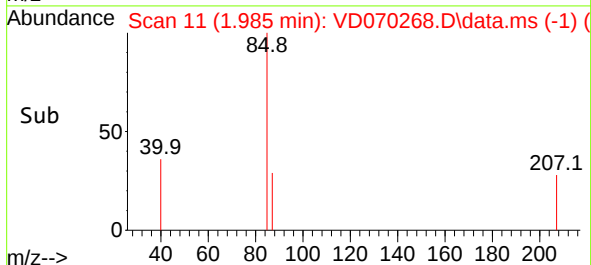
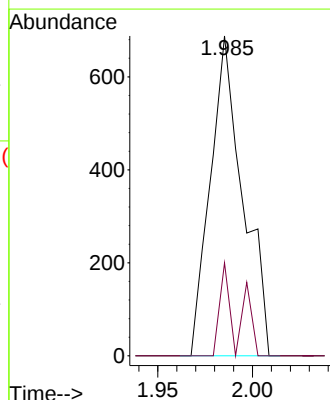
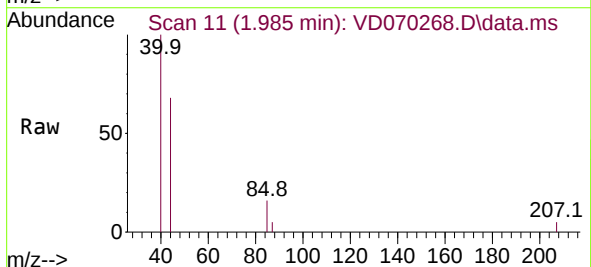
RT: 1.985 min Scan# 11

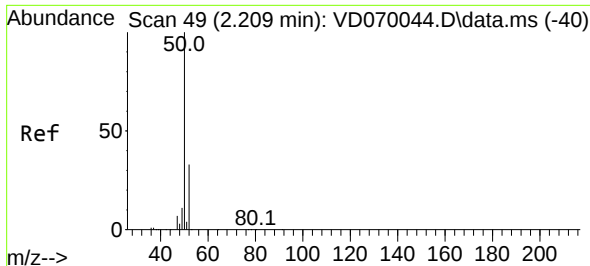
Delta R.T. 0.000 min

Lab File: VD070268.D

Acq: 26 Aug 2021 13:51

Tgt Ion: 85 Resp: 824
Ion Ratio Lower Upper
85 100
87 29.1 16.2 48.6

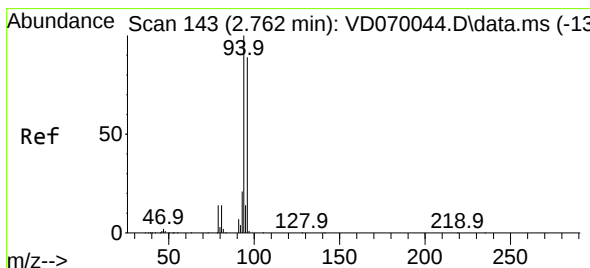
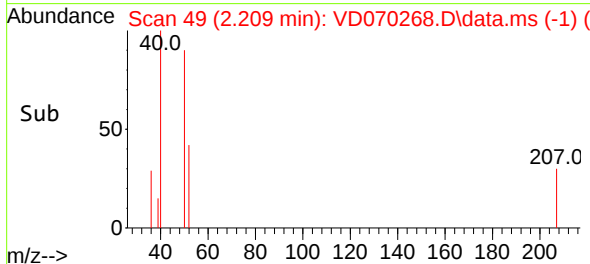
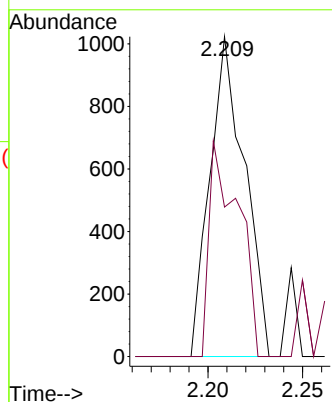
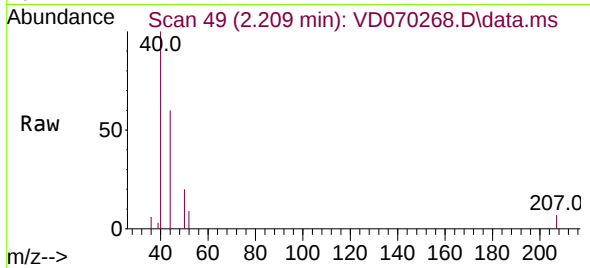




#3
Chloromethane
Concen: Below Cal
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD070268.D
Acq: 26 Aug 2021 13:51

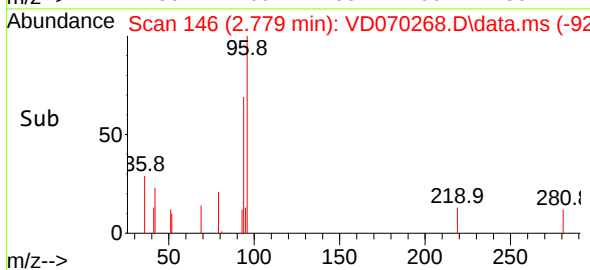
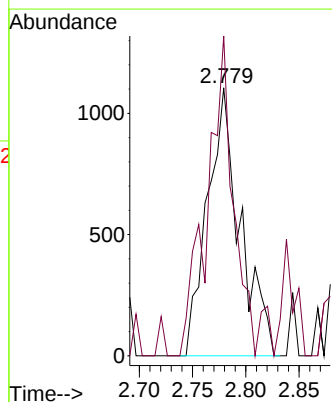
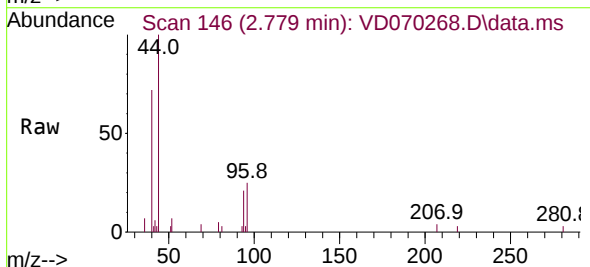
Instrument :
MSVOA_D
ClientSampled :
SP

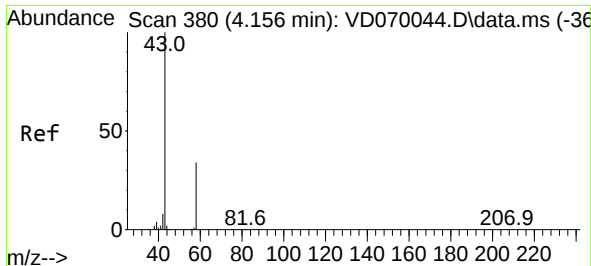
Tgt Ion: 50 Resp: 1305
Ion Ratio Lower Upper
50 100
52 46.7 26.3 39.5#



#5
Bromomethane
Concen: Below Cal
RT: 2.779 min Scan# 146
Delta R.T. 0.017 min
Lab File: VD070268.D
Acq: 26 Aug 2021 13:51

Tgt Ion: 94 Resp: 2352
Ion Ratio Lower Upper
94 100
96 119.4 70.9 106.3#

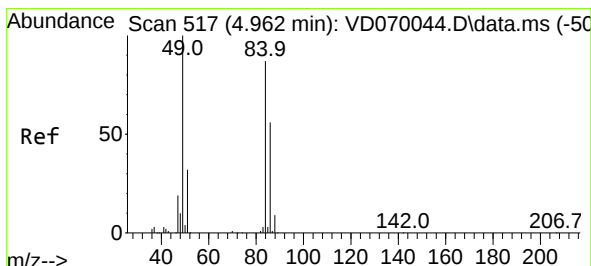
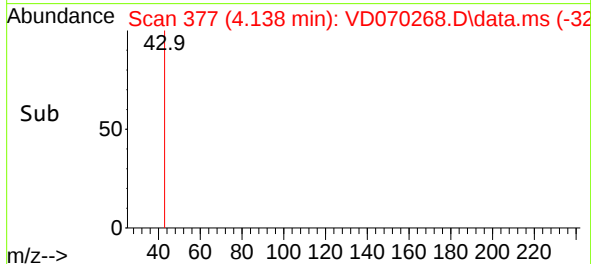
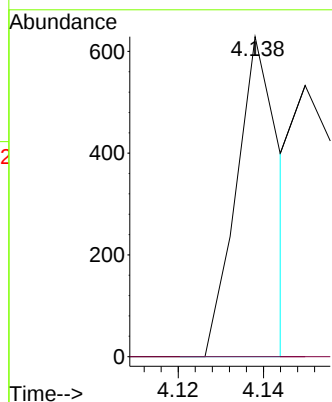
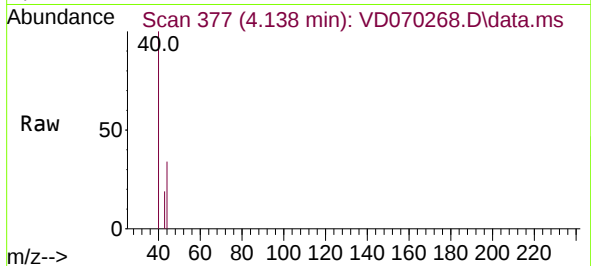




#16
Acetone
Concen: 1.023 ug/l
RT: 4.138 min Scan# 377
Delta R.T. -0.018 min
Lab File: VD070268.D
Acq: 26 Aug 2021 13:51

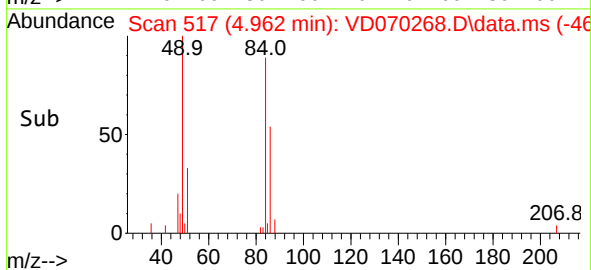
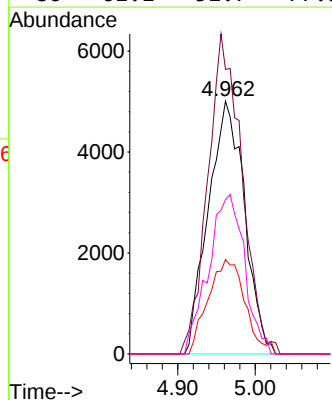
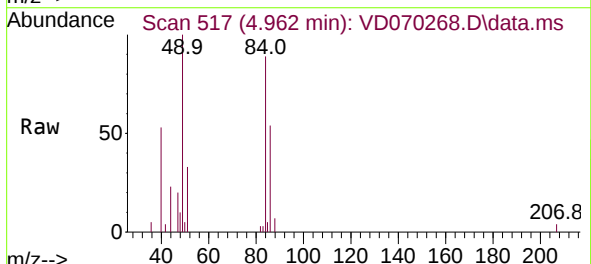
Instrument :
MSVOA_D
ClientSampled :
SP

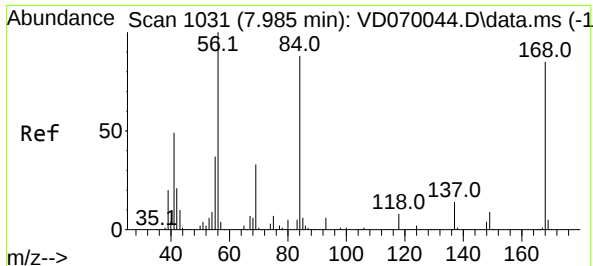
Tgt Ion: 43 Resp: 446
Ion Ratio Lower Upper
43 100
58 0.0 26.8 40.2#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.962 min Scan# 517
Delta R.T. -0.000 min
Lab File: VD070268.D
Acq: 26 Aug 2021 13:51

Tgt Ion: 84 Resp: 16249
Ion Ratio Lower Upper
84 100
49 112.5 92.5 138.7
51 37.3 29.7 44.5
86 61.1 51.7 77.5

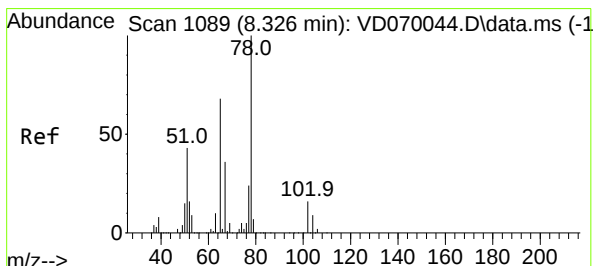
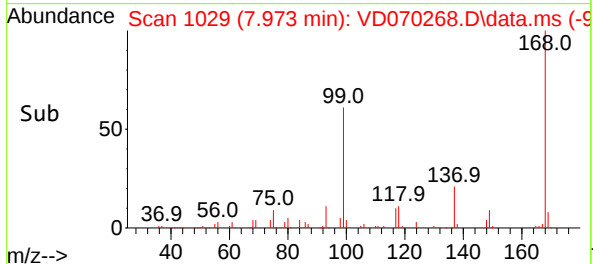
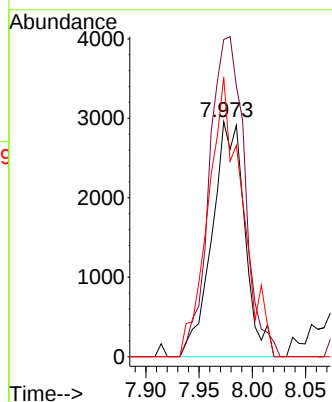
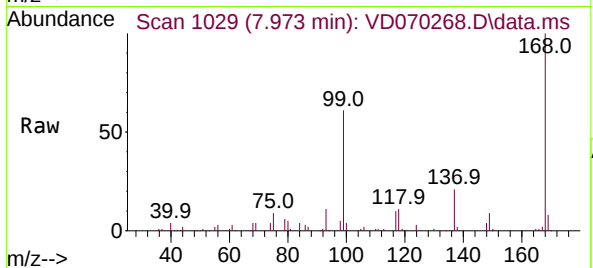




#31
Cyclohexane
Concen: 1.351 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.012 min
Lab File: VD070268.D
Acq: 26 Aug 2021 13:51

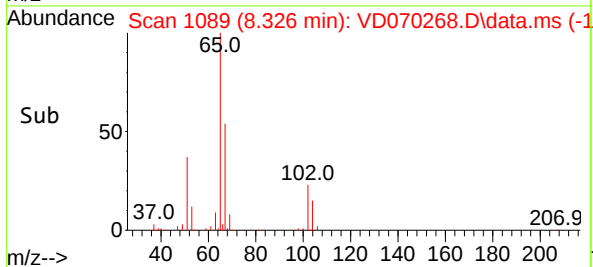
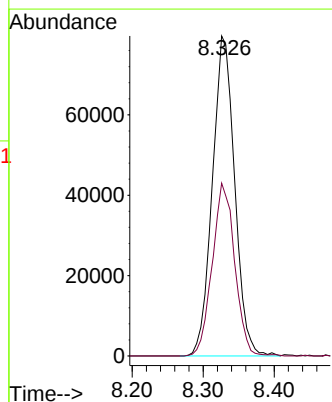
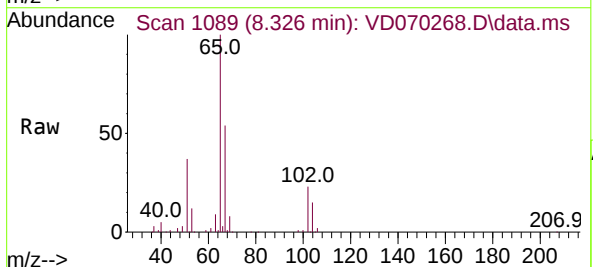
Instrument :
MSVOA_D
ClientSampleId :
SP

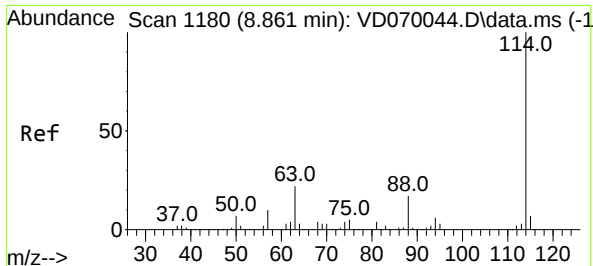
Tgt Ion: 56 Resp: 6324
Ion Ratio Lower Upper
56 100
69 135.0 26.7 40.1#
84 119.0 70.4 105.6#



#33
1,2-Dichloroethane-d4
Concen: 73.396 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070268.D
Acq: 26 Aug 2021 13:51

Tgt Ion: 65 Resp: 173617
Ion Ratio Lower Upper
65 100
67 54.3 0.0 107.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. -0.000 min

Lab File: VD070268.D

Acq: 26 Aug 2021 13:51

Instrument :

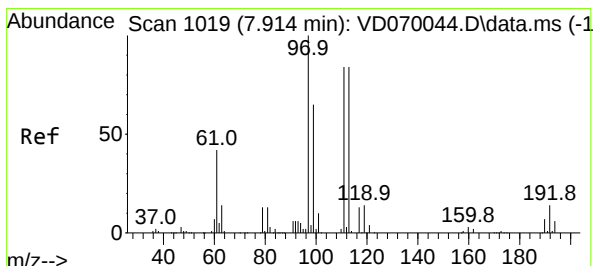
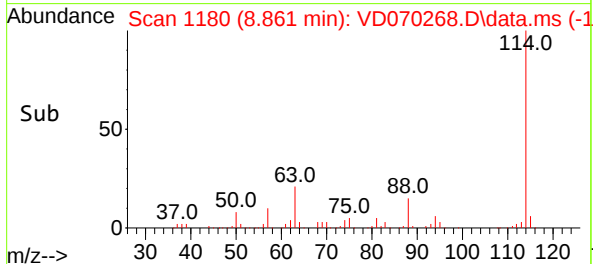
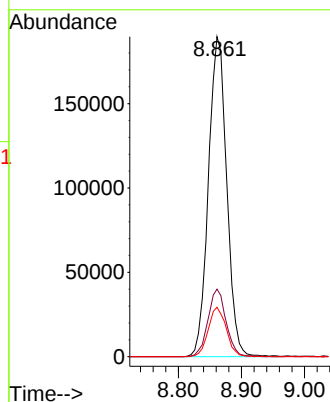
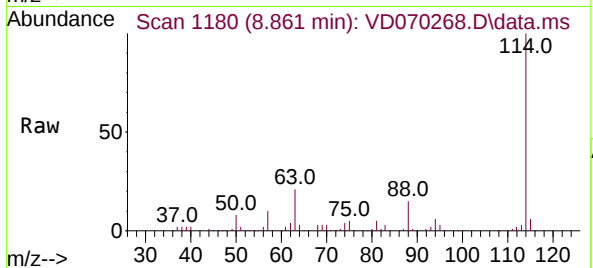
MSVOA_D

ClientSampleId :

SP

Tgt Ion:114 Resp: 382037

Ion	Ratio	Lower	Upper
114	100		
63	21.1	0.0	43.6
88	15.5	0.0	33.4



#35

Dibromofluoromethane

Concen: 62.100 ug/l

RT: 7.914 min Scan# 1019

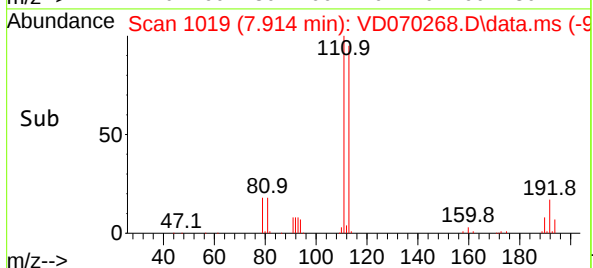
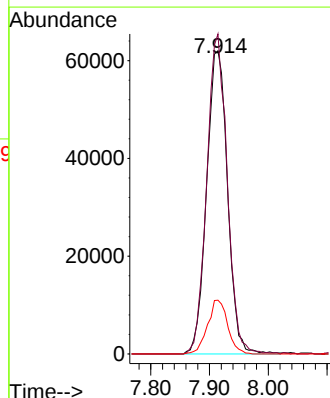
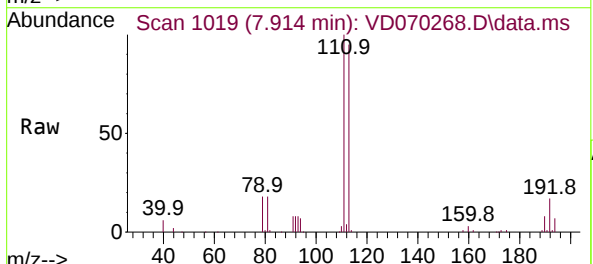
Delta R.T. -0.000 min

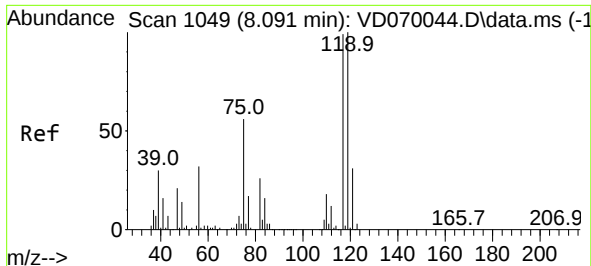
Lab File: VD070268.D

Acq: 26 Aug 2021 13:51

Tgt Ion:113 Resp: 153275

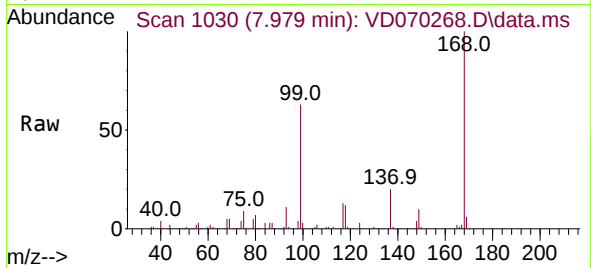
Ion	Ratio	Lower	Upper
113	100		
111	103.0	81.8	122.6
192	17.0	13.2	19.8



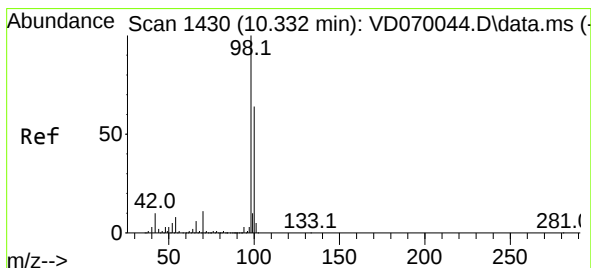
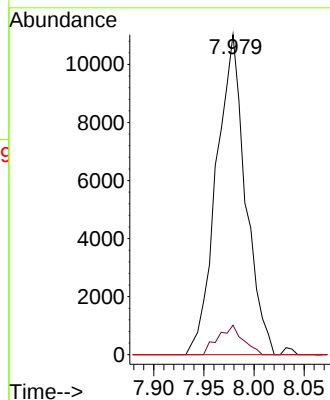
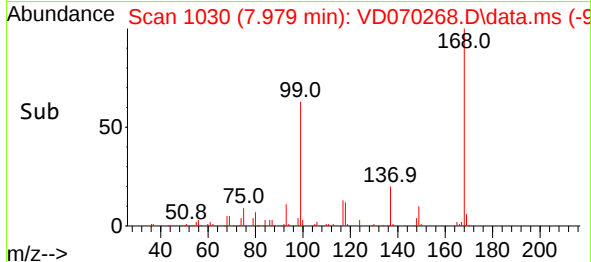


#38
Carbon Tetrachloride
Concen: 5.980 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.112 min
Lab File: VD070268.D
Acq: 26 Aug 2021 13:51

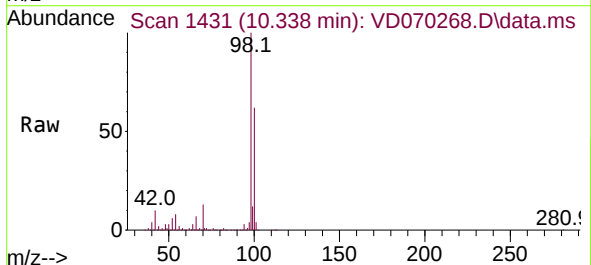
Instrument :
MSVOA_D
ClientSampled :
SP



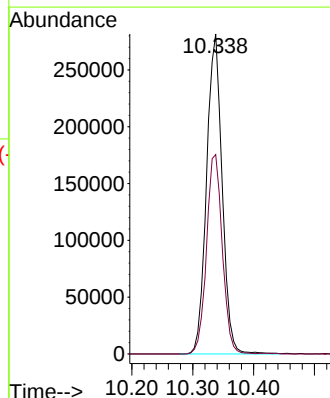
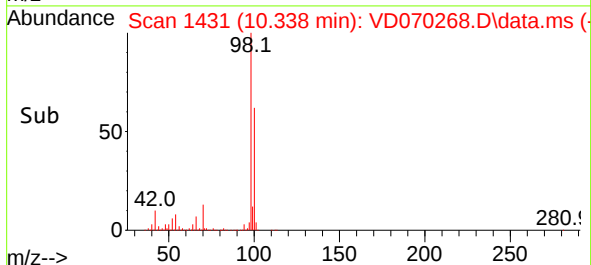
Tgt Ion:117 Resp: 22314
Ion Ratio Lower Upper
117 100
119 9.2 81.0 121.6#
121 0.0 25.0 37.6#

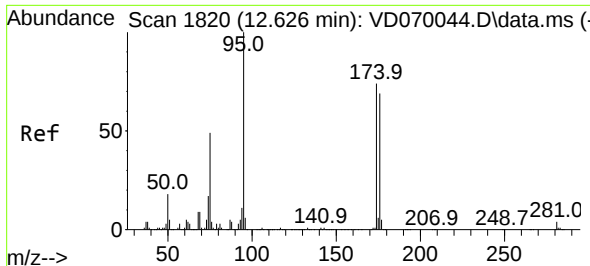


#50
Toluene-d8
Concen: 52.072 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD070268.D
Acq: 26 Aug 2021 13:51



Tgt Ion: 98 Resp: 499891
Ion Ratio Lower Upper
98 100
100 63.1 52.6 78.8

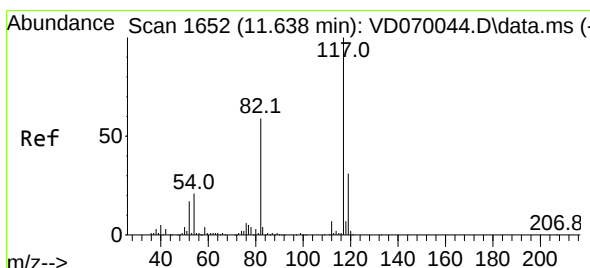
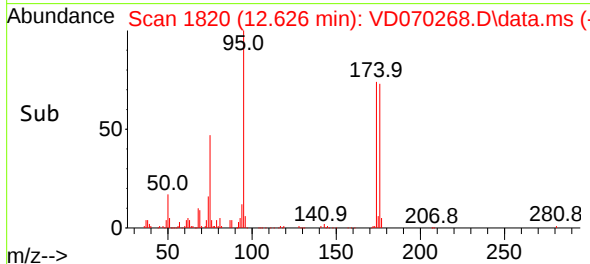
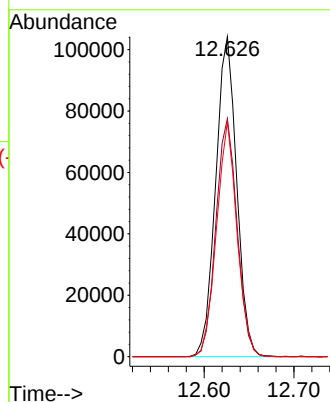
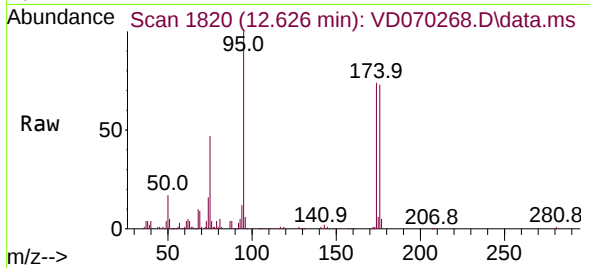




#62
4-Bromofluorobenzene
Concen: 53.540 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070268.D
Acq: 26 Aug 2021 13:51

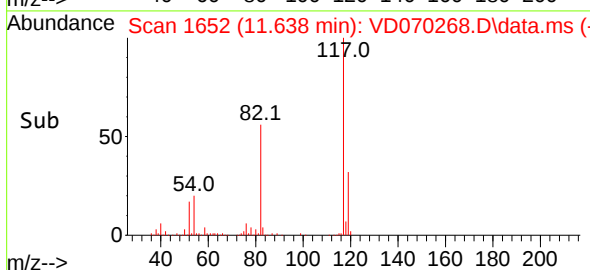
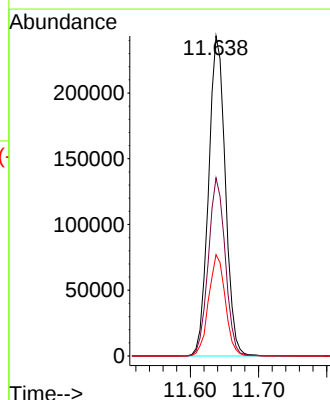
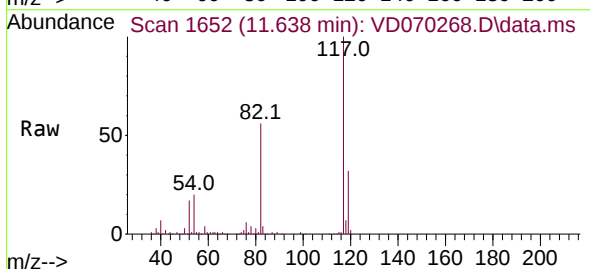
Instrument :
MSVOA_D
ClientSampleId :
SP

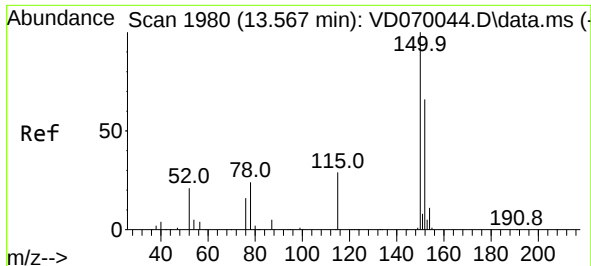
Tgt Ion: 95 Resp: 169291
Ion Ratio Lower Upper
95 100
174 75.1 0.0 141.6
176 71.6 0.0 138.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070268.D
Acq: 26 Aug 2021 13:51

Tgt Ion: 117 Resp: 416100
Ion Ratio Lower Upper
117 100
82 55.6 47.5 71.3
119 31.7 25.1 37.7

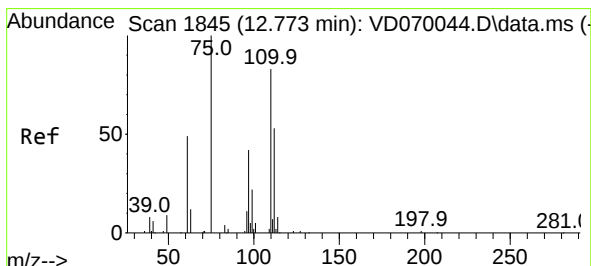
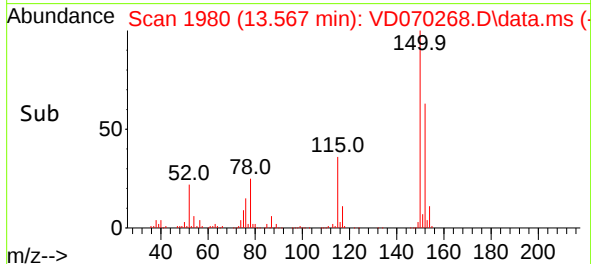
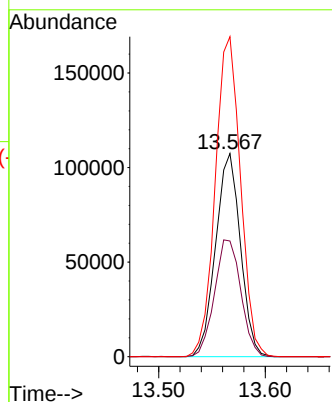
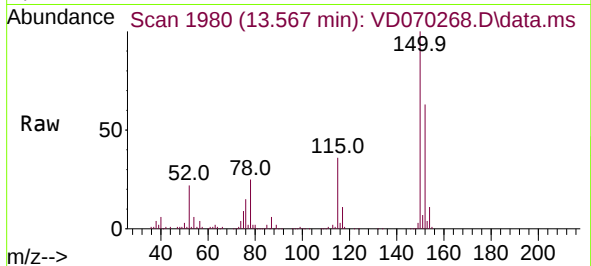




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.567 min Scan# 1980
 Delta R.T. -0.000 min
 Lab File: VD070268.D
 Acq: 26 Aug 2021 13:51

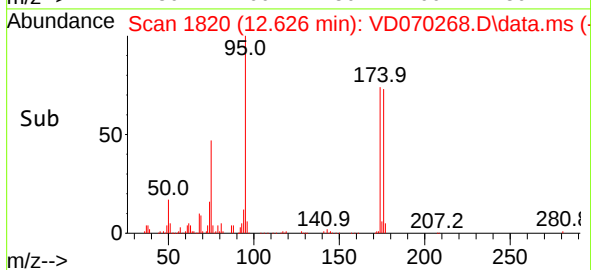
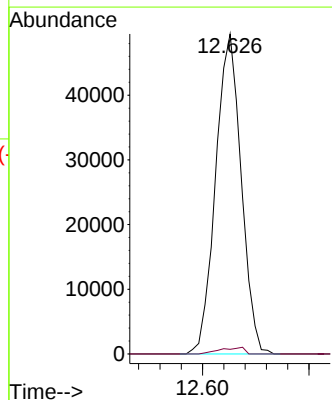
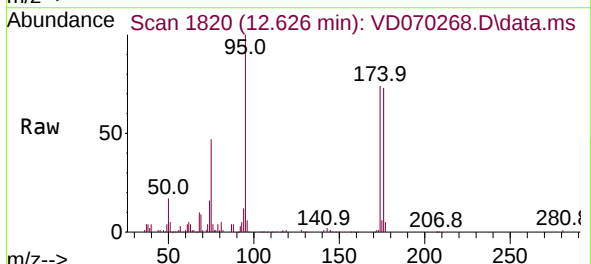
Instrument :
 MSVOA_D
 ClientSampleId :
 SP

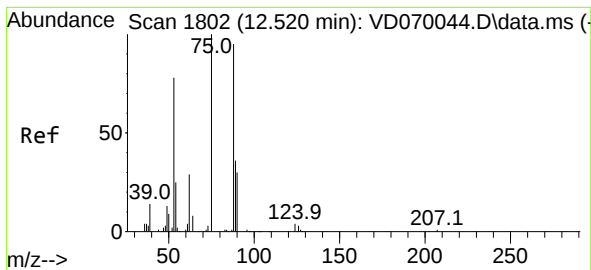
Tgt Ion:152 Resp: 173690
 Ion Ratio Lower Upper
 152 100
 115 61.0 31.2 93.6
 150 160.0 0.0 352.0



#76
 1,2,3-Trichloropropane
 Concen: 46.721 ug/l
 RT: 12.626 min Scan# 1820
 Delta R.T. -0.147 min
 Lab File: VD070268.D
 Acq: 26 Aug 2021 13:51

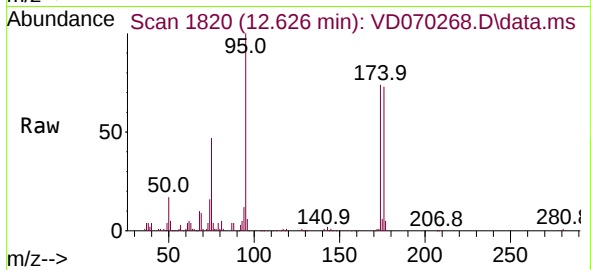
Tgt Ion: 75 Resp: 82297
 Ion Ratio Lower Upper
 75 100
 77 2.0 182.4 547.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 121.271 ug/l
 RT: 12.626 min Scan# 1820
 Delta R.T. 0.106 min
 Lab File: VD070268.D
 Acq: 26 Aug 2021 13:51

Instrument :
 MSVOA_D
 ClientSampleId :
 SP



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.3	64.5	96.7#
89	0.0	33.7	50.5#

