

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082521\
 Data File : VD070242.D
 Acq On : 25 Aug 2021 10:46
 Operator : VA/SY
 Sample : VD0825SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0825SBL01

Quant Time: Aug 25 14:43:48 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)

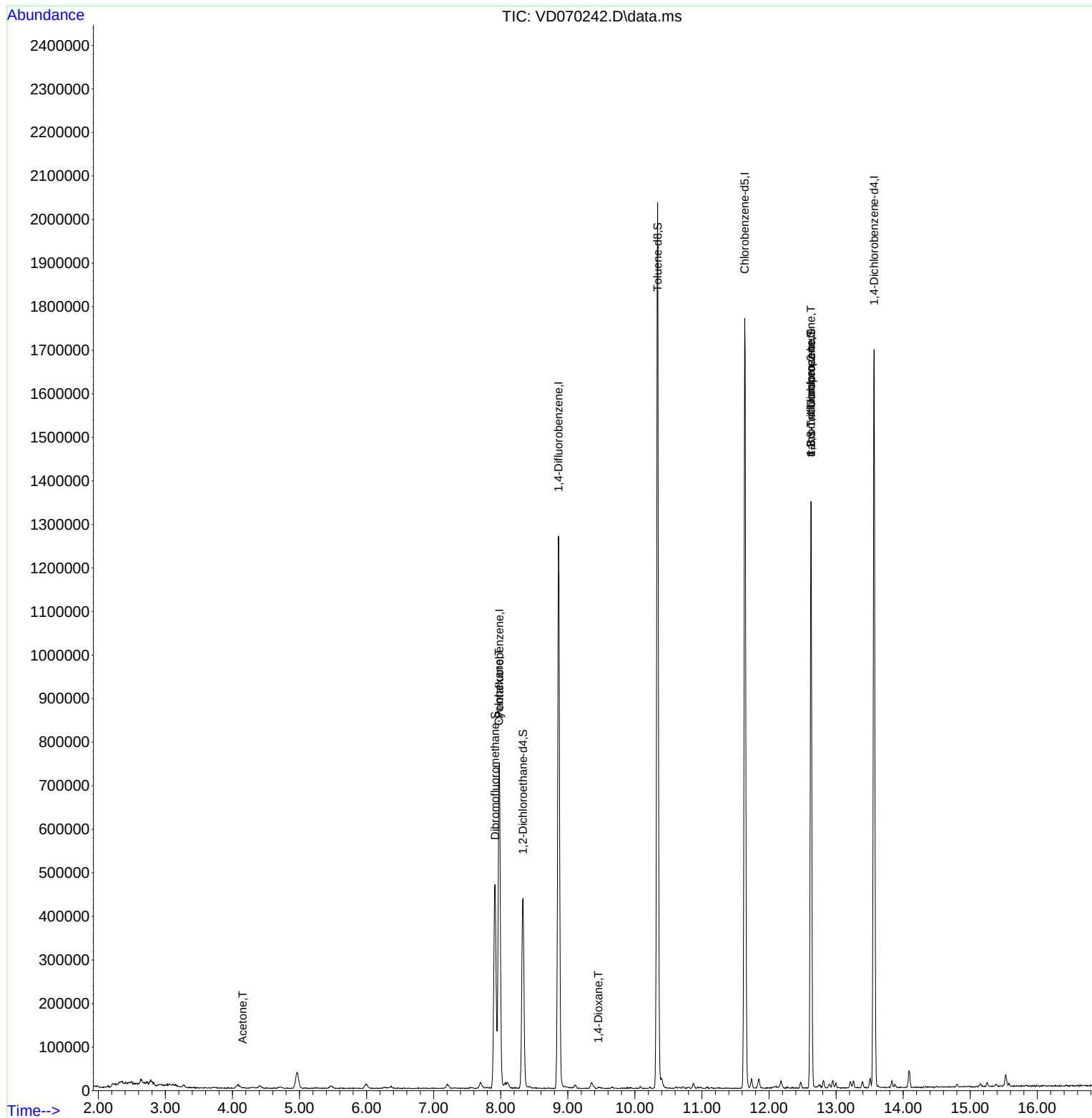
Internal Standards						
1) Pentafluorobenzene	7.979	168	514929	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1041322	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	1027702	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	446041	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	349160	57.652	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.300%
35) Dibromofluoromethane	7.914	113	351045	52.180	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.360%
50) Toluene-d8	10.338	98	1376236	52.595	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.180%
62) 4-Bromofluorobenzene	12.626	95	445809	51.726	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	103.460%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	2394	Below Cal		83
3) Chloromethane	2.215	50	4797	Below Cal		93
5) Bromomethane	2.785	94	6359	Below Cal		92
16) Acetone	4.150	43	1469	1.317	ug/l	89
20) Methylene Chloride	4.962	84	29912	Below Cal		97
31) Cyclohexane	7.973	56	17630	1.471	ug/l #	13
49) 1,4-Dioxane	9.455	88	133	2.981	ug/l #	23
76) 1,2,3-Trichloropropane	12.626	75	219137	48.444	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	219137	125.744	ug/l #	18

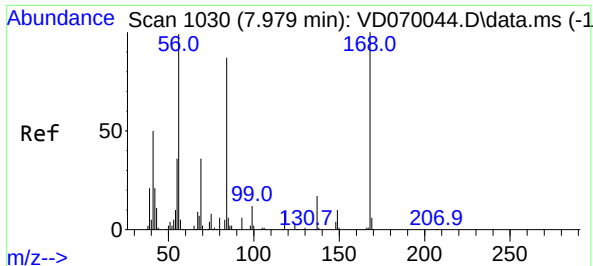
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082521\
Data File : VD070242.D
Acq On : 25 Aug 2021 10:46
Operator : VA/SY
Sample : VD0825SBL01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0825SBL01

Quant Time: Aug 25 14:43:48 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

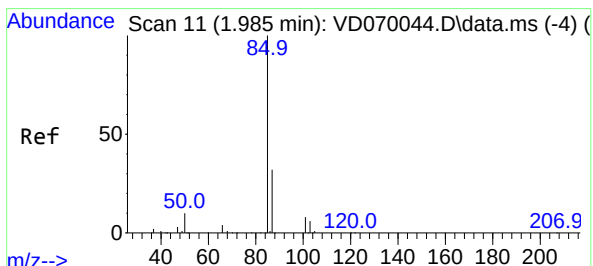
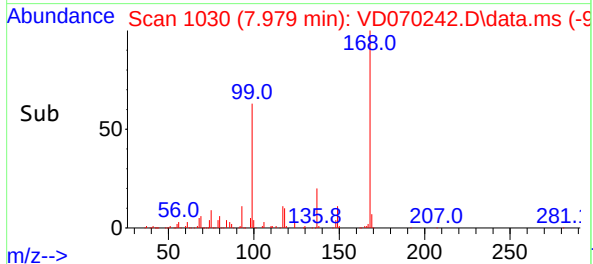
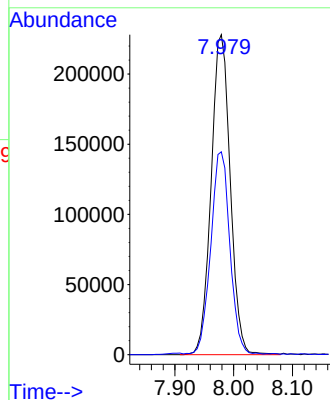
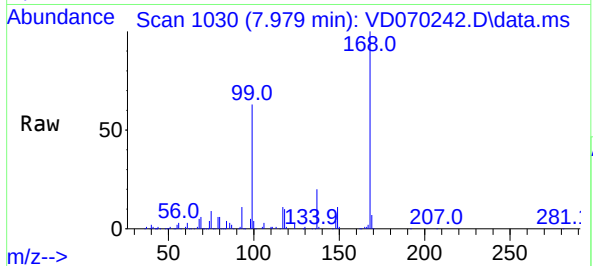




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD070242.D
Acq: 25 Aug 2021 10:46

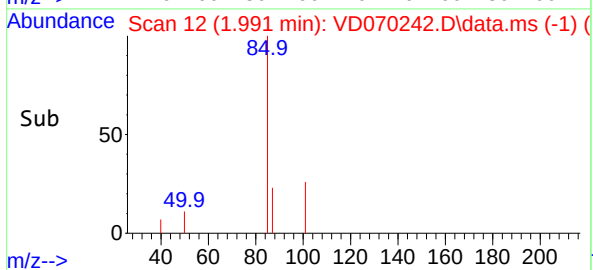
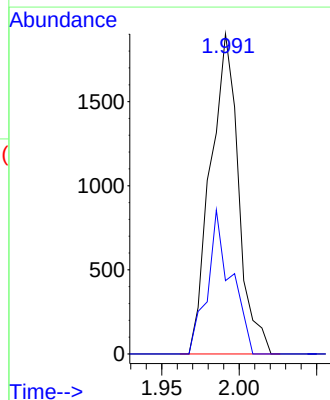
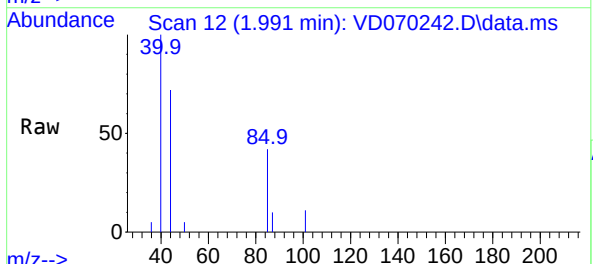
Instrument :
MSVOA_D
ClientSampleId :
VD0825SBL01

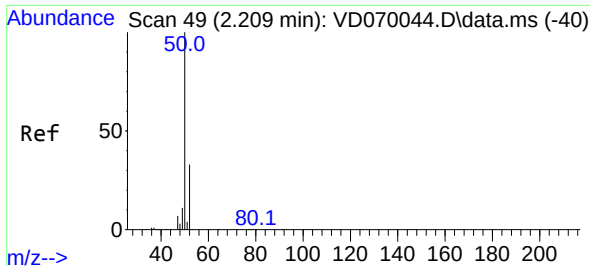
Tgt Ion:168 Resp: 514929
Ion Ratio Lower Upper
168 100
99 63.2 50.3 75.5



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.991 min Scan# 12
Delta R.T. 0.006 min
Lab File: VD070242.D
Acq: 25 Aug 2021 10:46

Tgt Ion: 85 Resp: 2394
Ion Ratio Lower Upper
85 100
87 22.9 16.2 48.6

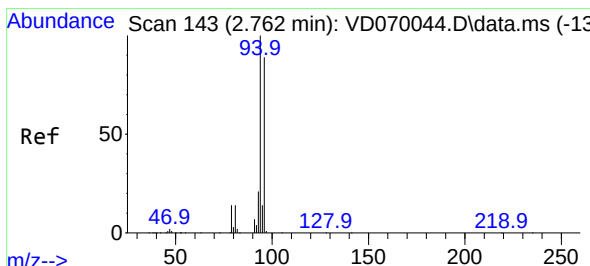
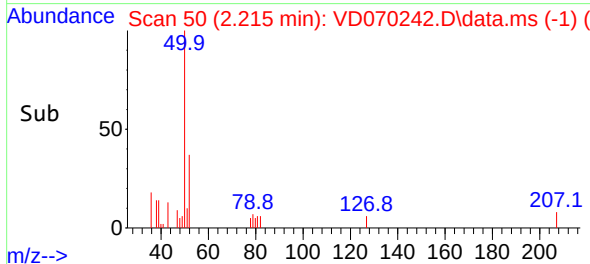
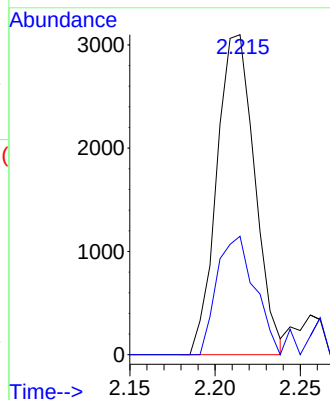
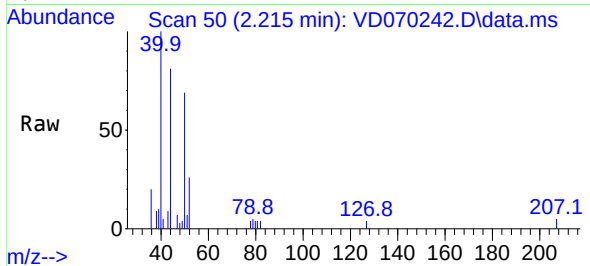




#3
Chloromethane
Concen: Below Cal
RT: 2.215 min Scan# 50
Delta R.T. 0.006 min
Lab File: VD070242.D
Acq: 25 Aug 2021 10:46

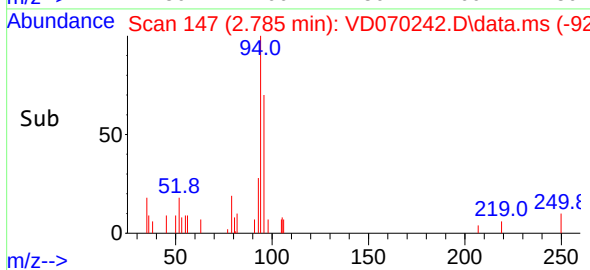
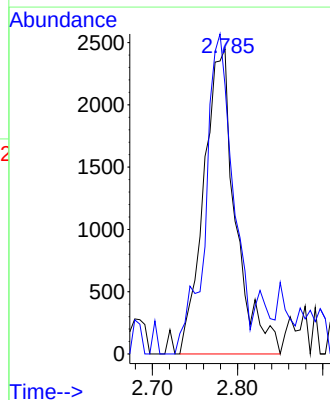
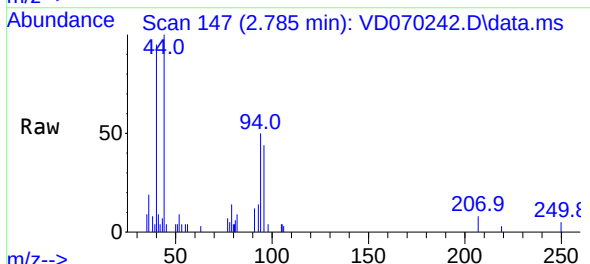
Instrument :
MSVOA_D
ClientSampleId :
VD0825SBL01

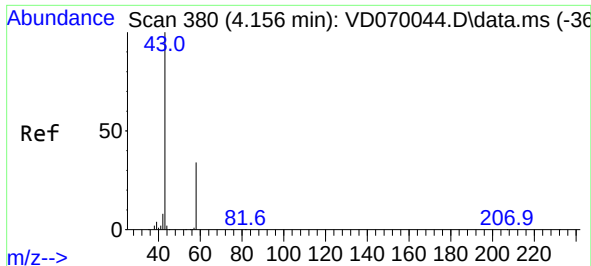
Tgt Ion: 50 Resp: 4797
Ion Ratio Lower Upper
50 100
52 37.0 26.3 39.5



#5
Bromomethane
Concen: Below Cal
RT: 2.785 min Scan# 147
Delta R.T. 0.023 min
Lab File: VD070242.D
Acq: 25 Aug 2021 10:46

Tgt Ion: 94 Resp: 6359
Ion Ratio Lower Upper
94 100
96 81.4 70.9 106.3

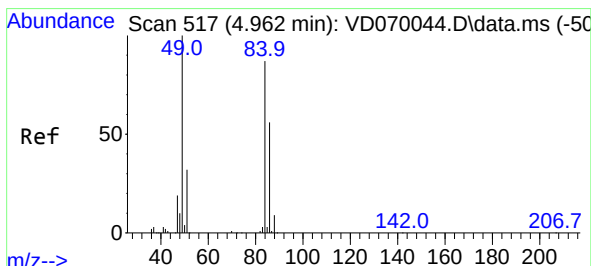
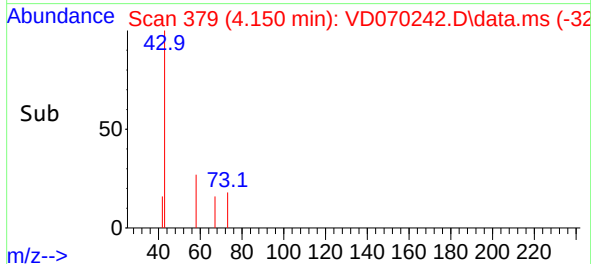
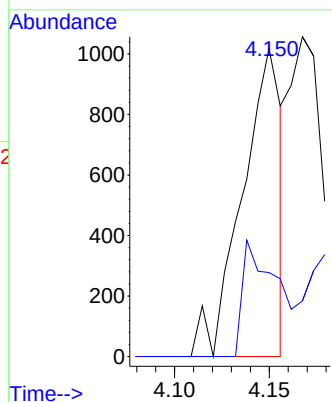
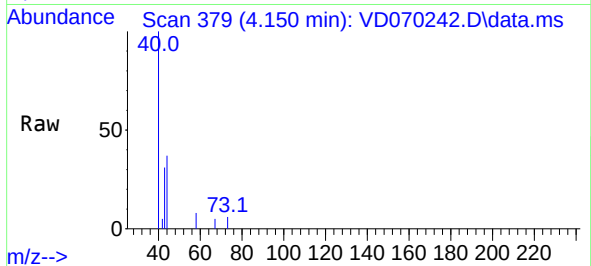




#16
Acetone
Concen: 1.317 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.006 min
Lab File: VD070242.D
Acq: 25 Aug 2021 10:46

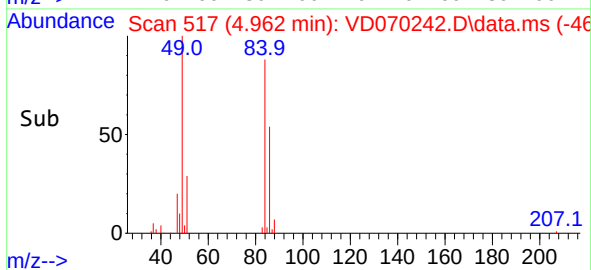
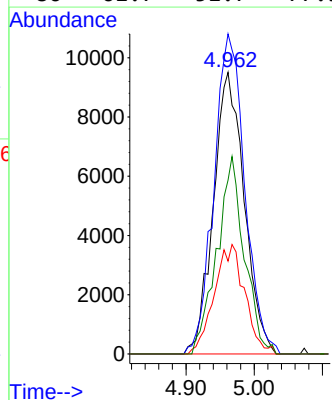
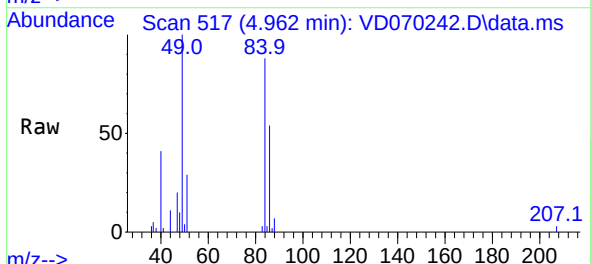
Instrument :
MSVOA_D
ClientSampleId :
VD0825SBL01

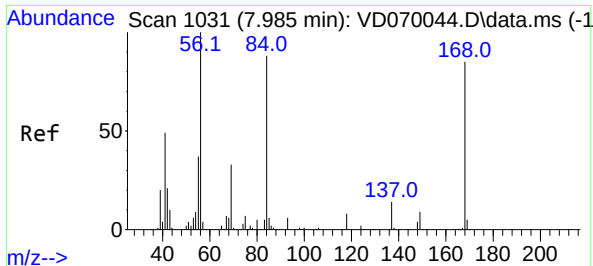
Tgt Ion: 43 Resp: 1469
Ion Ratio Lower Upper
43 100
58 27.3 26.8 40.2



#20
Methylene Chloride
Concen: Below Cal
RT: 4.962 min Scan# 517
Delta R.T. -0.000 min
Lab File: VD070242.D
Acq: 25 Aug 2021 10:46

Tgt Ion: 84 Resp: 29912
Ion Ratio Lower Upper
84 100
49 113.6 92.5 138.7
51 33.0 29.7 44.5
86 61.7 51.7 77.5





#31

Cyclohexane

Concen: 1.471 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.012 min

Lab File: VD070242.D

Acq: 25 Aug 2021 10:46

Tgt Ion: 56 Resp: 17630

Ion Ratio Lower Upper

56 100

69 141.0 26.7 40.1#

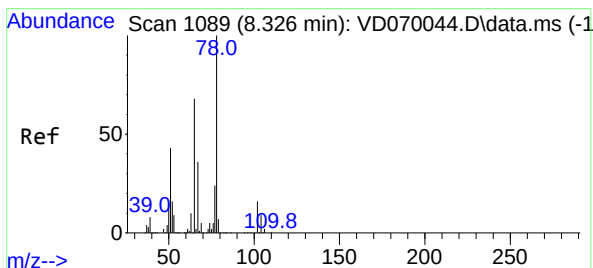
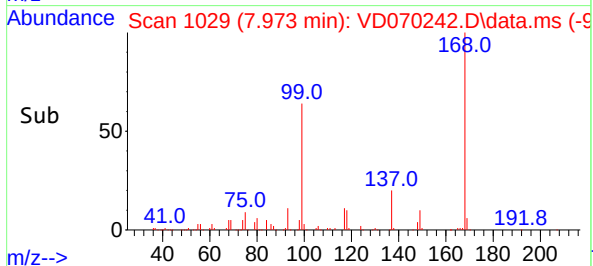
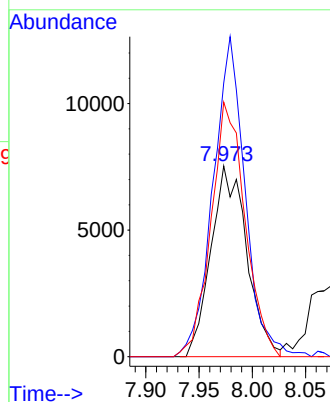
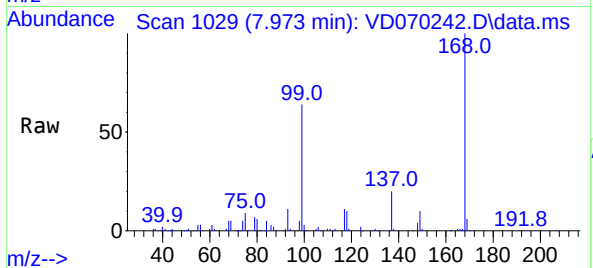
84 133.5 70.4 105.6#

Instrument :

MSVOA_D

ClientSampleId :

VD0825SBL01



#33

1,2-Dichloroethane-d4

Concen: 57.652 ug/l

RT: 8.332 min Scan# 1090

Delta R.T. 0.006 min

Lab File: VD070242.D

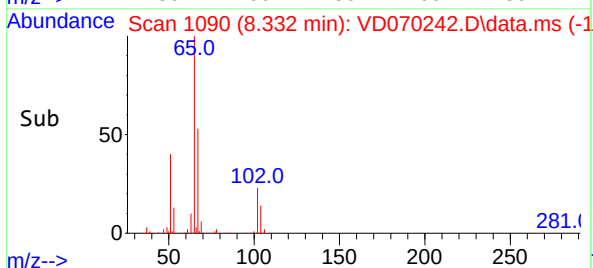
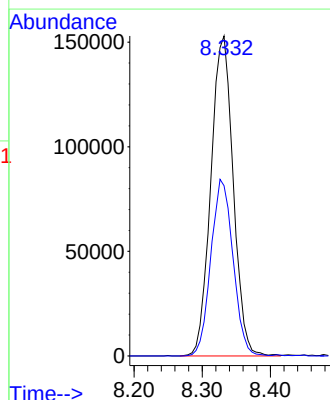
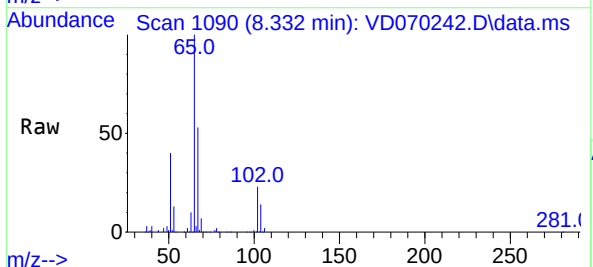
Acq: 25 Aug 2021 10:46

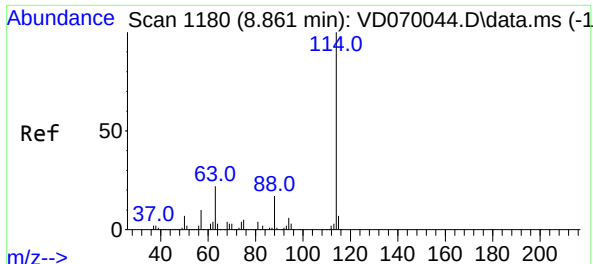
Tgt Ion: 65 Resp: 349160

Ion Ratio Lower Upper

65 100

67 54.7 0.0 107.8





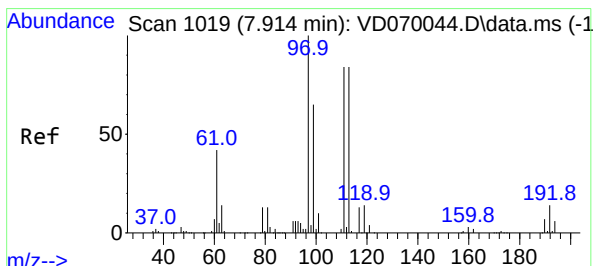
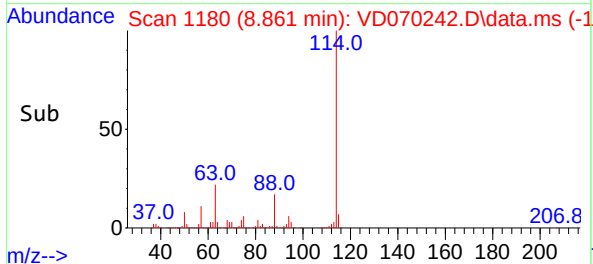
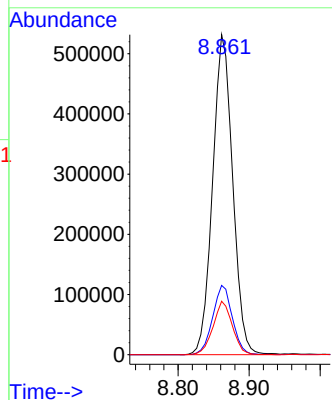
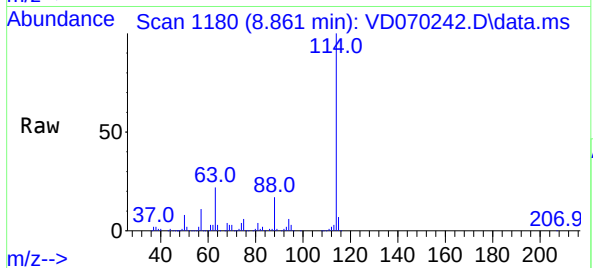
#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070242.D
Acq: 25 Aug 2021 10:46

Instrument :
MSVOA_D
ClientSampleId :
VD0825SBL01

Tgt Ion:114 Resp: 1041322

Ion	Ratio	Lower	Upper
114	100		
63	21.6	0.0	43.6
88	16.7	0.0	33.4

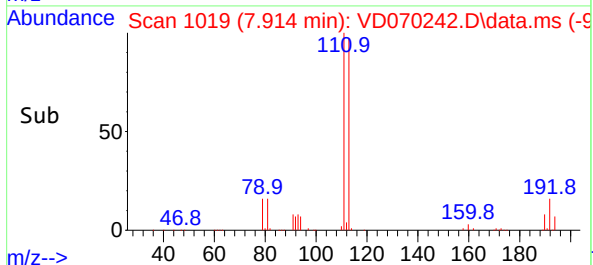
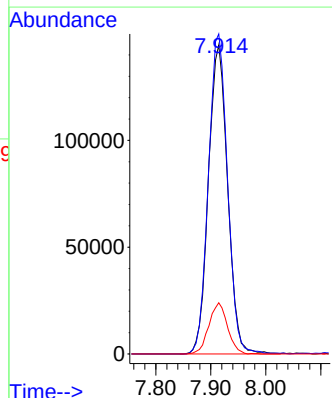
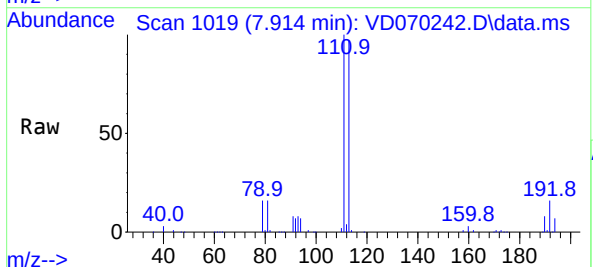


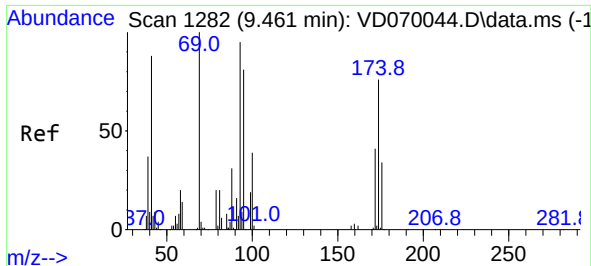
#35

Dibromofluoromethane
Concen: 52.180 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD070242.D
Acq: 25 Aug 2021 10:46

Tgt Ion:113 Resp: 351045

Ion	Ratio	Lower	Upper
113	100		
111	103.0	81.8	122.6
192	16.0	13.2	19.8

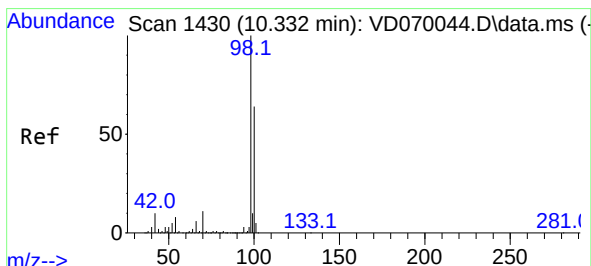
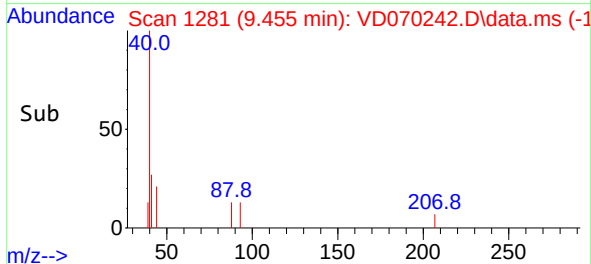
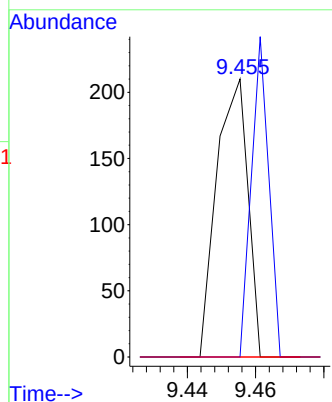
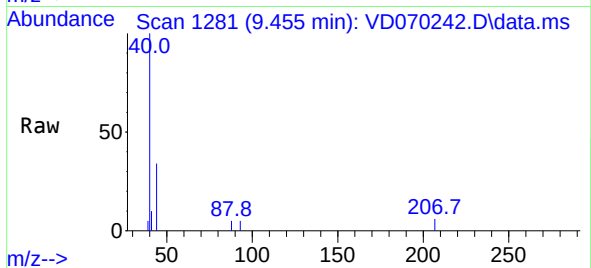




#49
1,4-Dioxane
Concen: 2.981 ug/l
RT: 9.455 min Scan# 1281
Delta R.T. -0.006 min
Lab File: VD070242.D
Acq: 25 Aug 2021 10:46

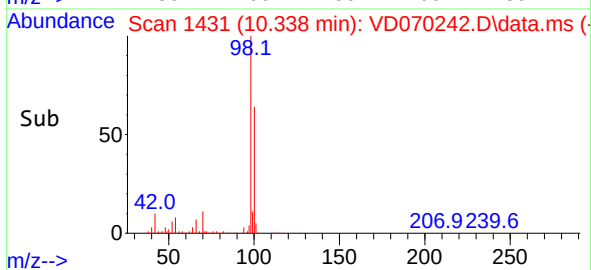
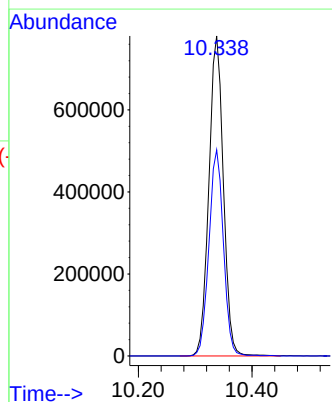
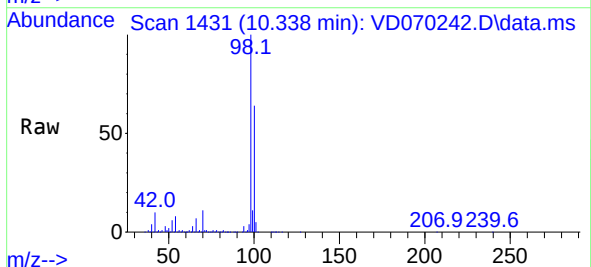
Instrument :
MSVOA_D
ClientSampleId :
VD0825SBL01

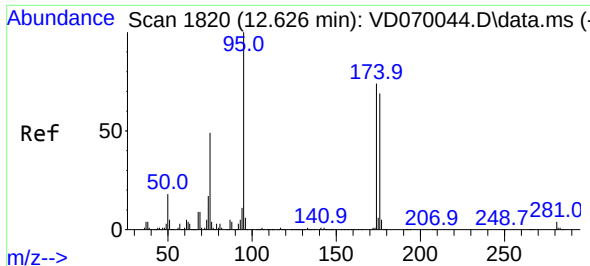
Tgt Ion: 88 Resp: 133
Ion Ratio Lower Upper
88 100
43 63.9 25.8 38.6#
58 0.0 57.4 86.2#



#50
Toluene-d8
Concen: 52.595 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD070242.D
Acq: 25 Aug 2021 10:46

Tgt Ion: 98 Resp: 1376236
Ion Ratio Lower Upper
98 100
100 64.4 52.6 78.8

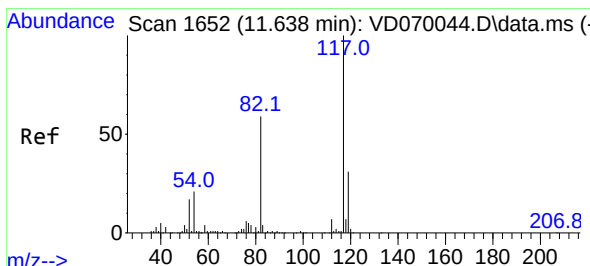
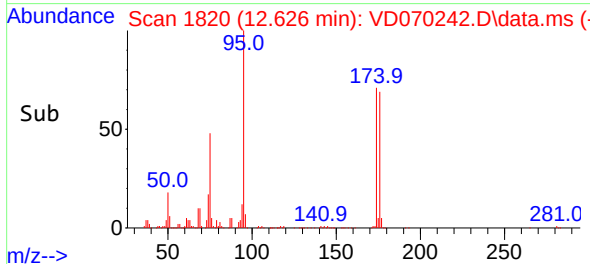
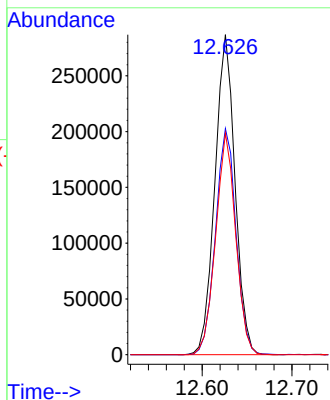
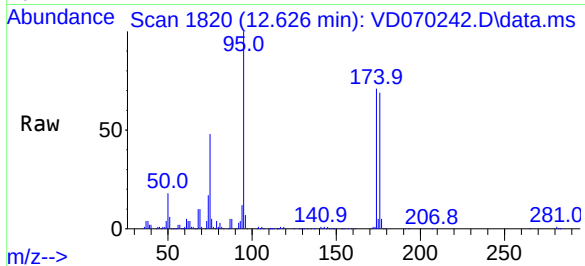




#62
4-Bromofluorobenzene
Concen: 51.726 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD070242.D
Acq: 25 Aug 2021 10:46

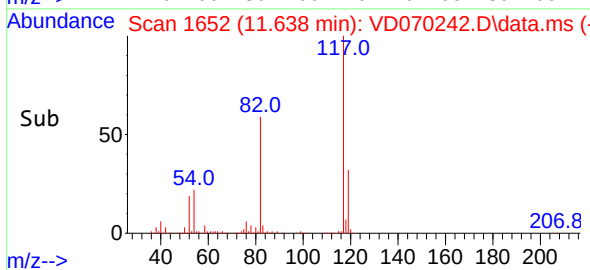
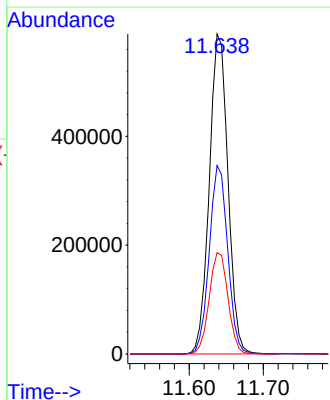
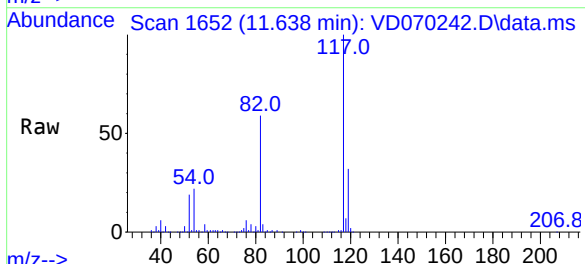
Instrument :
MSVOA_D
ClientSampleId :
VD0825SBL01

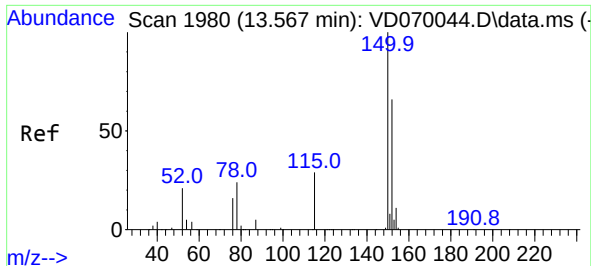
Tgt Ion: 95 Resp: 445809
Ion Ratio Lower Upper
95 100
174 72.3 0.0 141.6
176 69.1 0.0 138.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070242.D
Acq: 25 Aug 2021 10:46

Tgt Ion: 117 Resp: 1027702
Ion Ratio Lower Upper
117 100
82 58.9 47.5 71.3
119 31.7 25.1 37.7

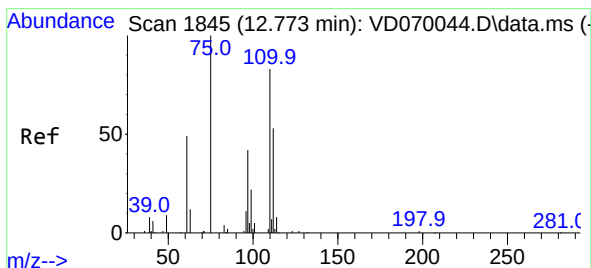
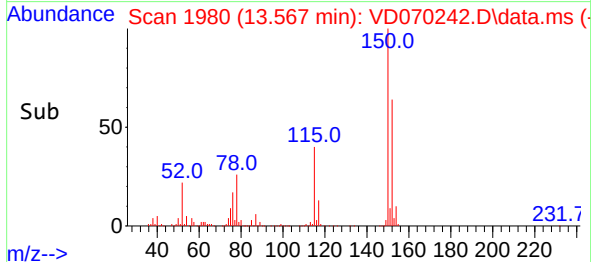
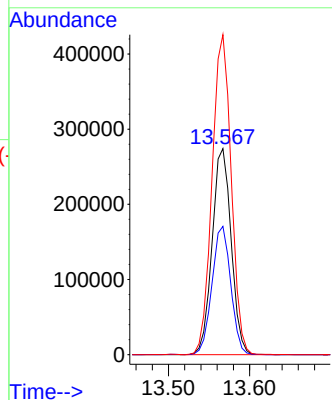
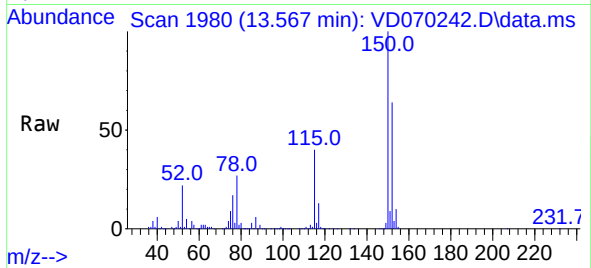




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD070242.D
Acq: 25 Aug 2021 10:46

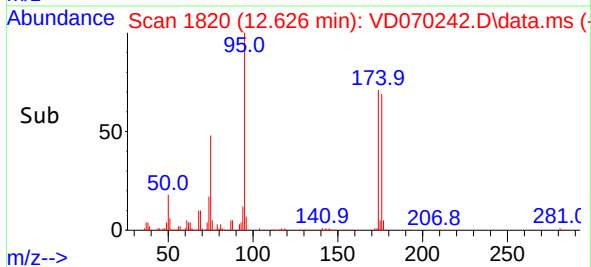
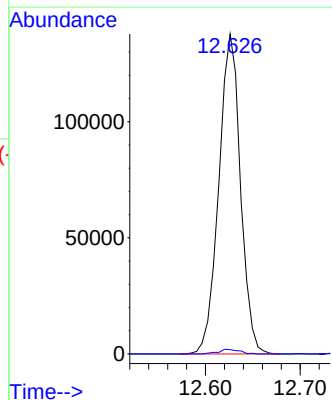
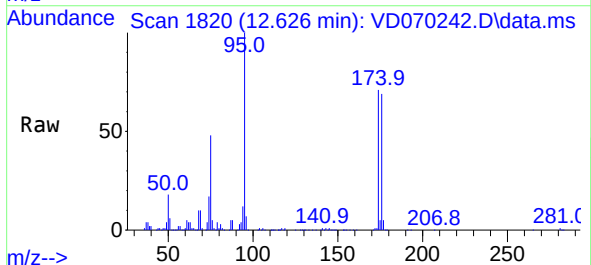
Instrument :
MSVOA_D
ClientSampleId :
VD0825SBL01

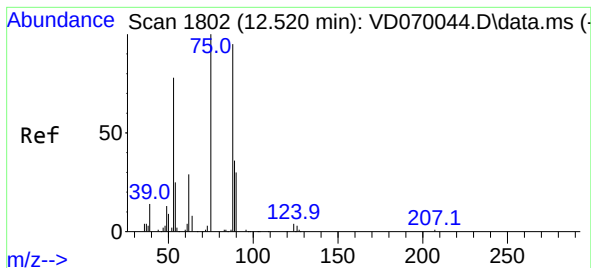
Tgt Ion:152 Resp: 446041
Ion Ratio Lower Upper
152 100
115 61.5 31.2 93.6
150 156.2 0.0 352.0



#76
1,2,3-Trichloropropane
Concen: 48.444 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD070242.D
Acq: 25 Aug 2021 10:46

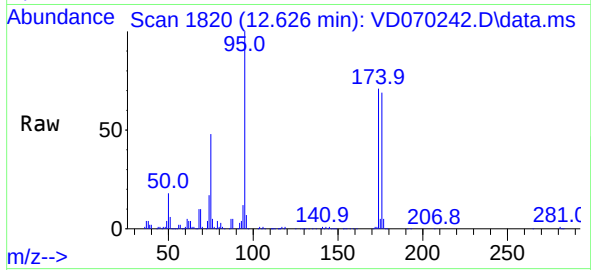
Tgt Ion: 75 Resp: 219137
Ion Ratio Lower Upper
75 100
77 1.4 182.4 547.2#





#81
trans-1,4-Dichloro-2-butene
Concen: 125.744 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD070242.D
Acq: 25 Aug 2021 10:46

Instrument :
MSVOA_D
ClientSampleId :
VD0825SBL01



Tgt Ion: 75 Resp: 219137
Ion Ratio Lower Upper
75 100
53 0.2 64.5 96.7#
89 0.0 33.7 50.5#

