

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102423\
 Data File : VD077392.D
 Acq On : 24 Oct 2023 14:07
 Operator : JC/SY
 Sample : 04980-01RE
 Misc : 3.66G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Oct 25 04:04:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 18 03:02:43 2023
 Response via : Initial Calibration

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

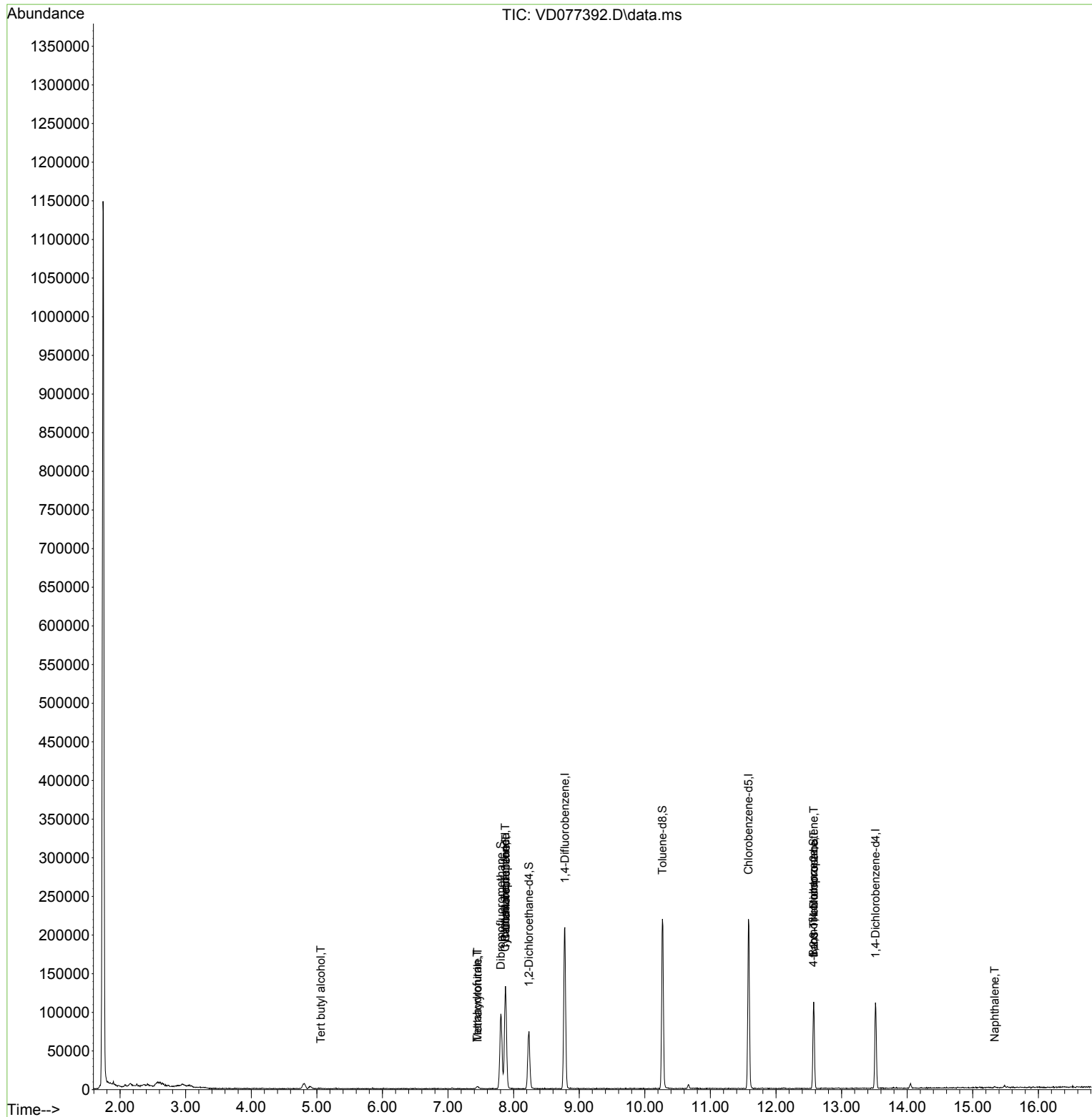
Internal Standards						
1) Pentafluorobenzene	7.875	168	106582	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	196496	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	136674	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	32986	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	57515	60.433	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 120.860%	
35) Dibromofluoromethane	7.805	113	70148	50.815	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.620%	
50) Toluene-d8	10.269	98	164459	33.265	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 66.540%	
62) 4-Bromofluorobenzene	12.569	95	31720	22.289	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 44.580%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.058	59	720	13.449	ug/l #	73
20) Methylene Chloride	4.799	84	5810	Below Cal	#	80
29) Tetrahydrofuran	7.446	42	2311	18.505	ug/l #	64
31) Cyclohexane	7.869	56	1891	1.277	ug/l #	39
36) 1,1-Dichloropropene	7.881	75	8211	4.527	ug/l #	47
38) Carbon Tetrachloride	7.875	117	10700	5.303	ug/l #	11
41) Methacrylonitrile	7.452	41	1483	5.454	ug/l #	33
76) 1,2,3-Trichloropropane	12.575	75	15851	36.197	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	15851	128.762	ug/l #	17
95) Naphthalene	15.334	128	1762	1.645	ug/l #	82

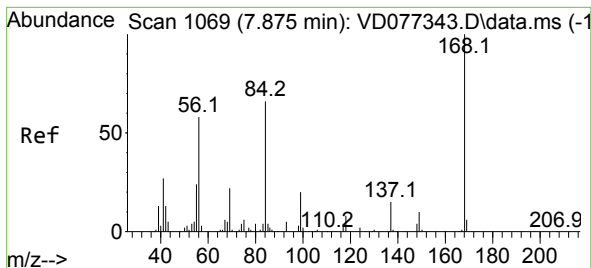
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101723S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 18 03:02:43 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: VD077392.D

Acq: 24 Oct 2023 14:07

Instrument :

MSVOA_D

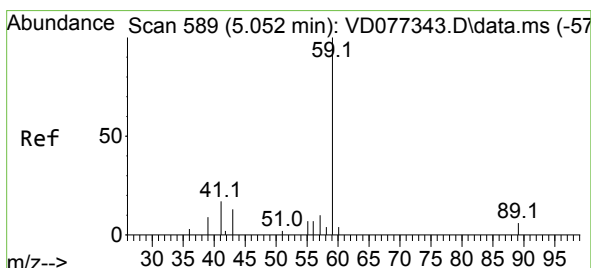
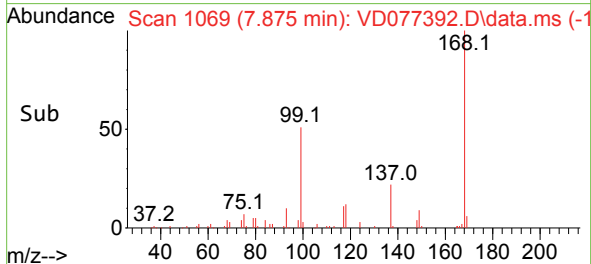
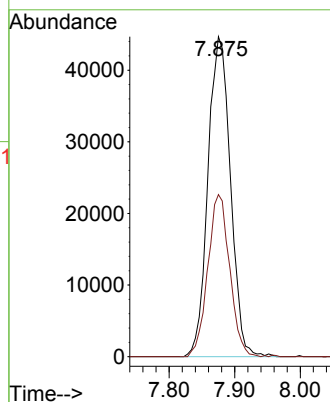
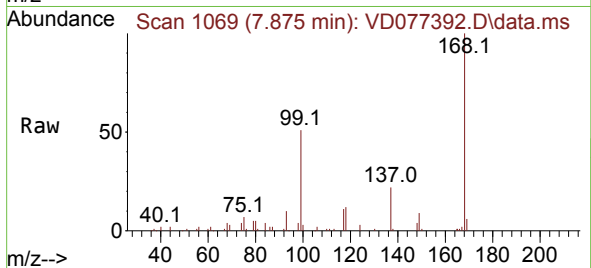
ClientSampleId :

Tgt Ion:168 Resp: 106582

Ion Ratio Lower Upper

168 100

99 50.7 36.7 55.1



#11

Tert butyl alcohol

Concen: 13.449 ug/l

RT: 5.058 min Scan# 590

Delta R.T. 0.006 min

Lab File: VD077392.D

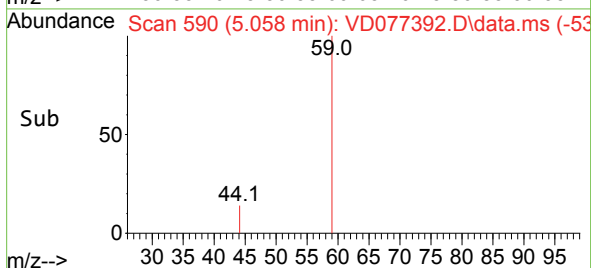
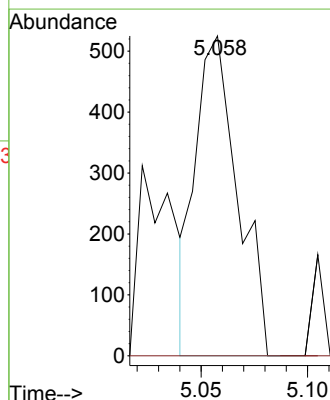
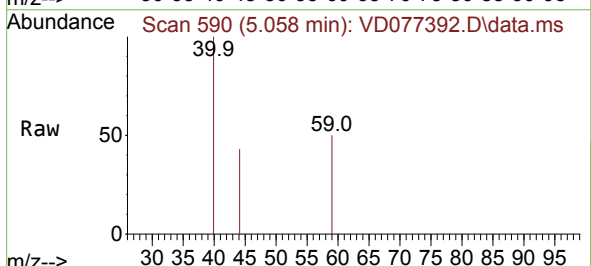
Acq: 24 Oct 2023 14:07

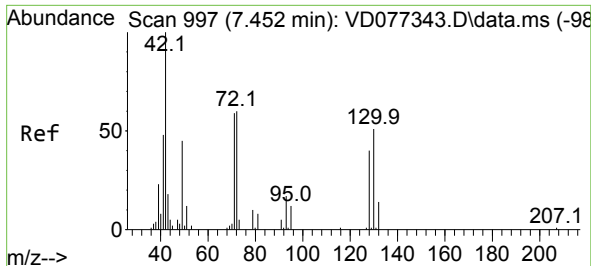
Tgt Ion: 59 Resp: 720

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.8#





#29

Tetrahydrofuran

Concen: 18.505 ug/l

RT: 7.446 min Scan# 997

Delta R.T. -0.006 min

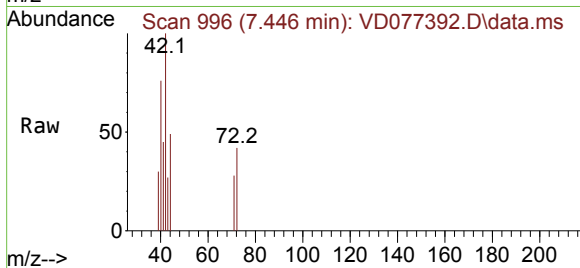
Lab File: VD077392.D

Acq: 24 Oct 2023 14:07

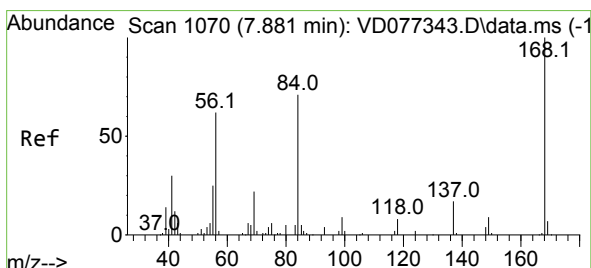
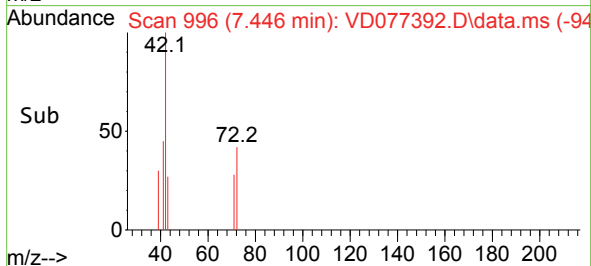
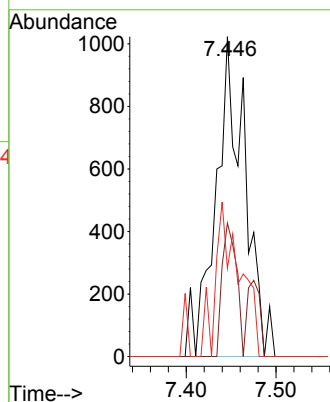
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	42	Resp:	2311
Ion	Ratio	Lower	Upper
42	100		
72	20.5	46.5	69.7#
71	40.8	44.5	66.7#



#31

Cyclohexane

Concen: 1.277 ug/l

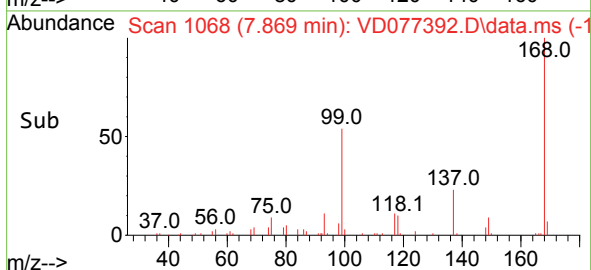
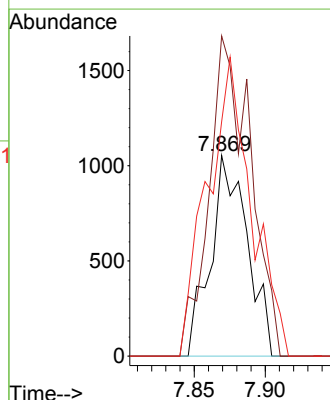
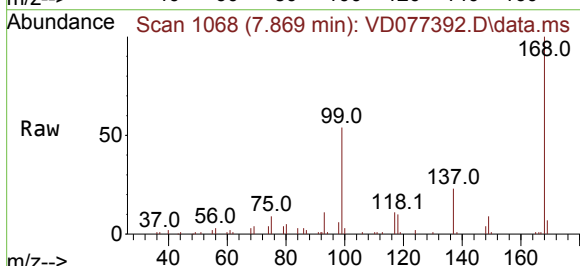
RT: 7.869 min Scan# 1068

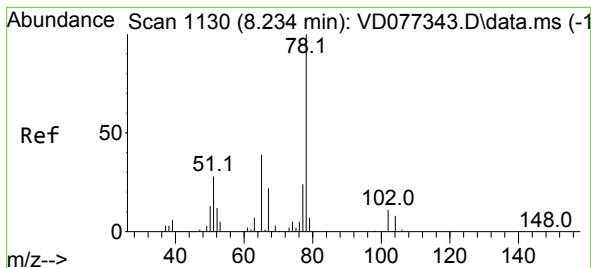
Delta R.T. -0.012 min

Lab File: VD077392.D

Acq: 24 Oct 2023 14:07

Tgt Ion:	56	Resp:	1891
Ion	Ratio	Lower	Upper
56	100		
69	159.6	28.6	43.0#
84	116.8	84.8	127.2





#33

1,2-Dichloroethane-d4

Concen: 60.433 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VD077392.D

Acq: 24 Oct 2023 14:07

Instrument :

MSVOA_D

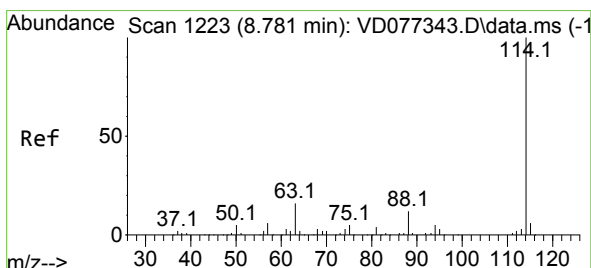
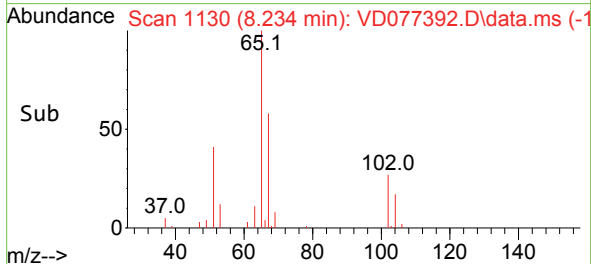
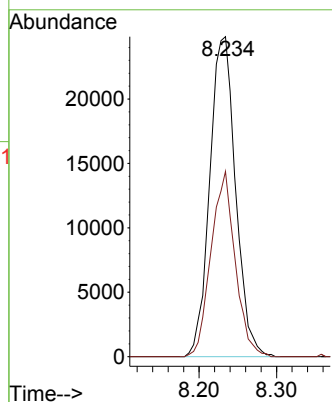
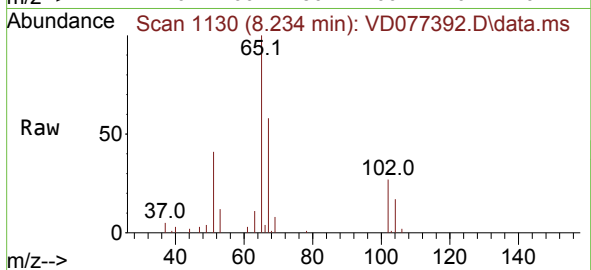
ClientSampleId :

Tgt Ion: 65 Resp: 57515

Ion Ratio Lower Upper

65 100

67 54.2 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.000 min

Lab File: VD077392.D

Acq: 24 Oct 2023 14:07

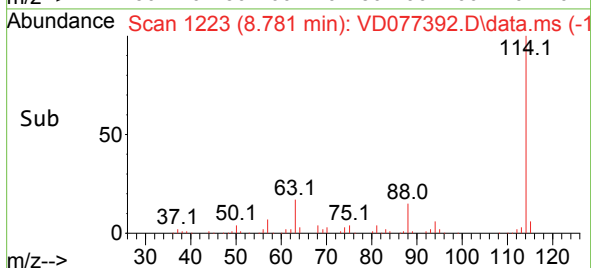
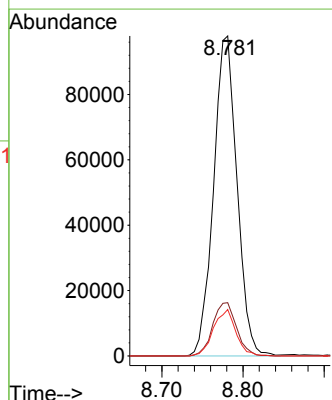
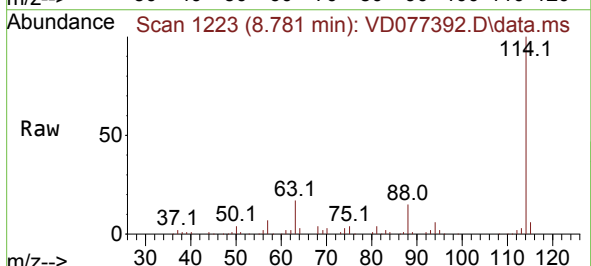
Tgt Ion: 114 Resp: 196496

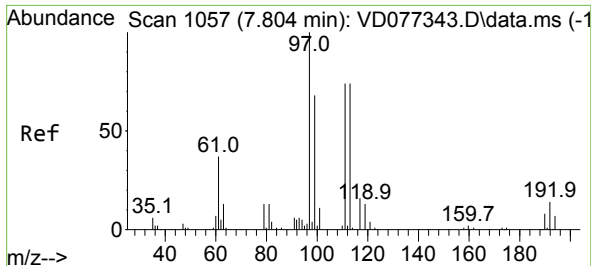
Ion Ratio Lower Upper

114 100

63 16.7 0.0 33.4

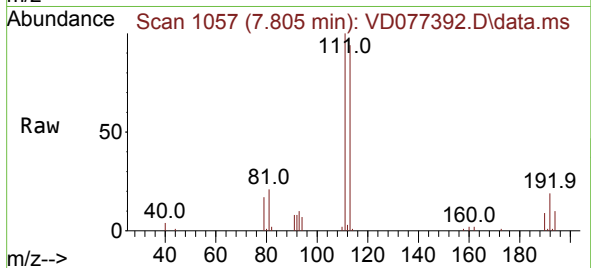
88 14.5 0.0 26.2



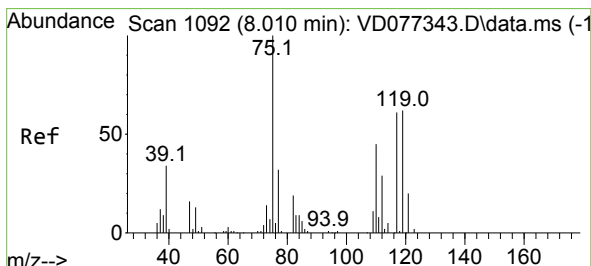
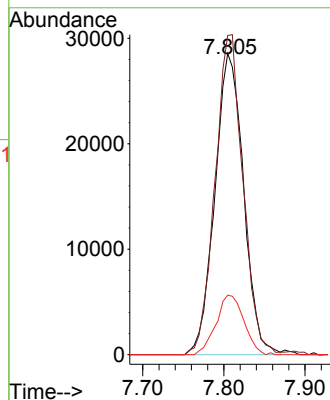
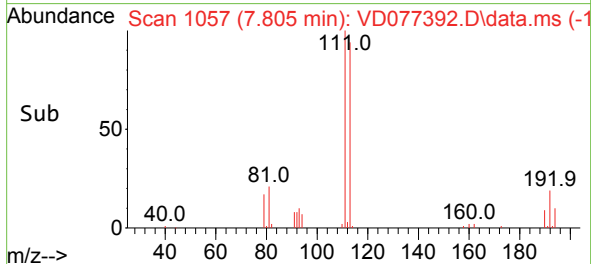


#35
Dibromofluoromethane
Concen: 50.815 ug/l
RT: 7.805 min Scan# 1070
Delta R.T. 0.001 min
Lab File: VD077392.D
Acq: 24 Oct 2023 14:07

Instrument :
MSVOA_D
ClientSampleId :

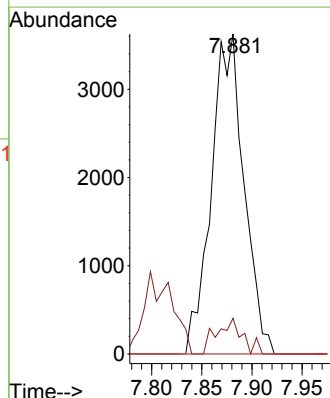
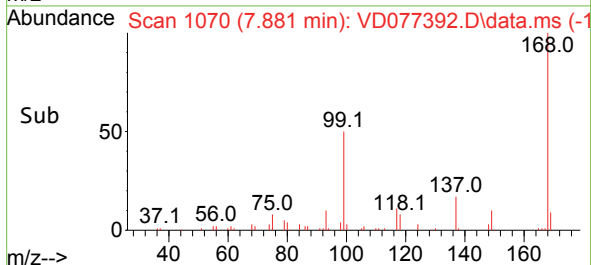
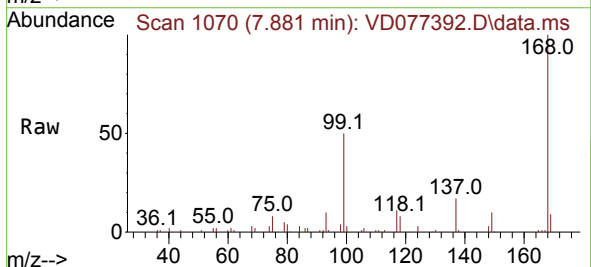


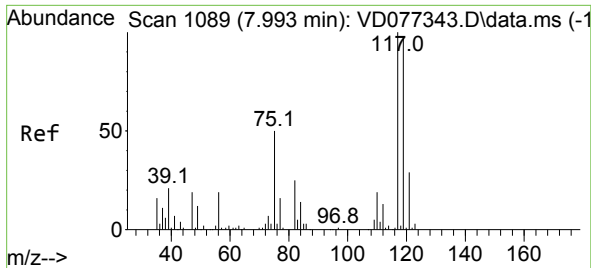
Tgt Ion:113 Resp: 70148
Ion Ratio Lower Upper
113 100
111 103.2 84.7 127.1
192 19.2 16.8 25.2



#36
1,1-Dichloropropene
Concen: 4.527 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.129 min
Lab File: VD077392.D
Acq: 24 Oct 2023 14:07

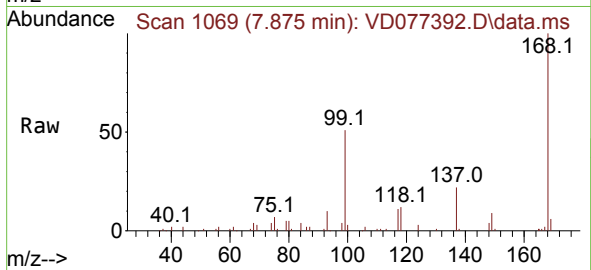
Tgt Ion: 75 Resp: 8211
Ion Ratio Lower Upper
75 100
110 8.8 19.9 59.6#
77 0.0 24.7 37.1#



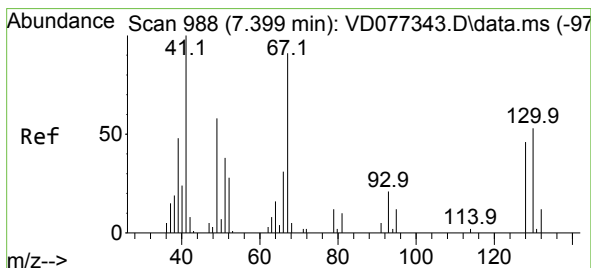
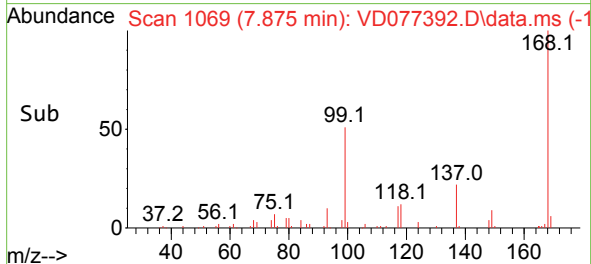
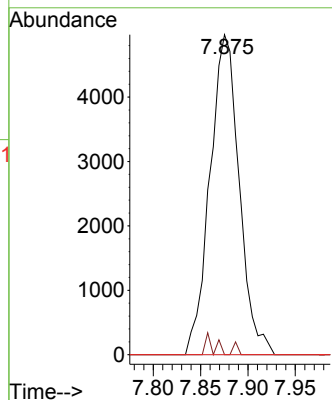


#38
Carbon Tetrachloride
Concen: 5.303 ug/l
RT: 7.875 min Scan# 1089
Delta R.T. -0.118 min
Lab File: VD077392.D
Acq: 24 Oct 2023 14:07

Instrument :
MSVOA_D
ClientSampleId :

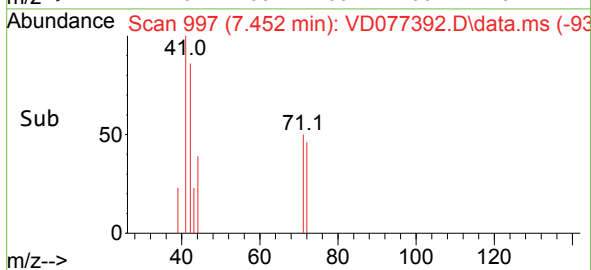
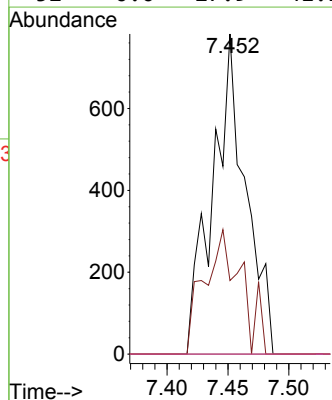
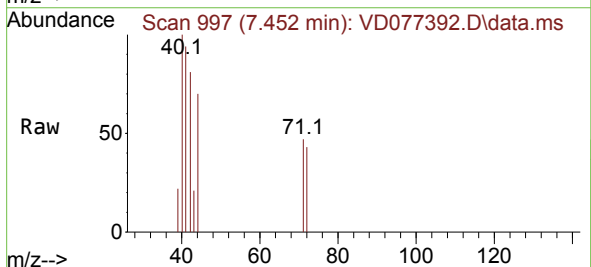


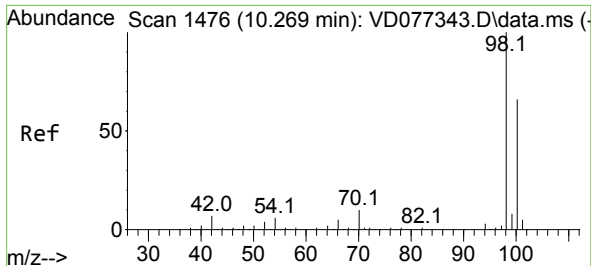
Tgt Ion:117 Resp: 10700
Ion Ratio Lower Upper
117 100
119 0.0 78.0 117.0#
121 0.0 24.2 36.2#



#41
Methacrylonitrile
Concen: 5.454 ug/l
RT: 7.452 min Scan# 997
Delta R.T. 0.053 min
Lab File: VD077392.D
Acq: 24 Oct 2023 14:07

Tgt Ion: 41 Resp: 1483
Ion Ratio Lower Upper
41 100
39 43.7 34.0 51.0
67 0.0 77.0 115.4#
52 0.0 27.9 41.9#

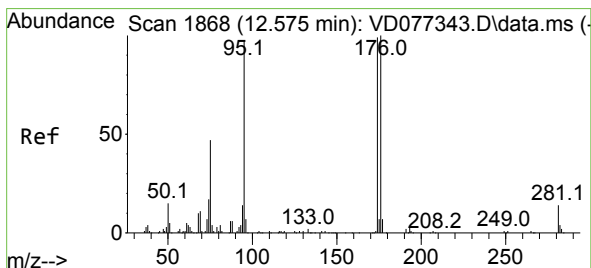
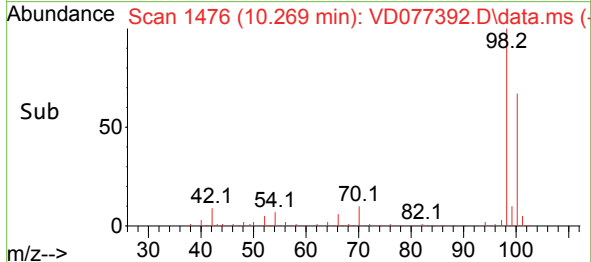
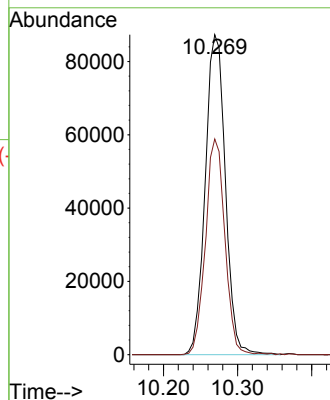
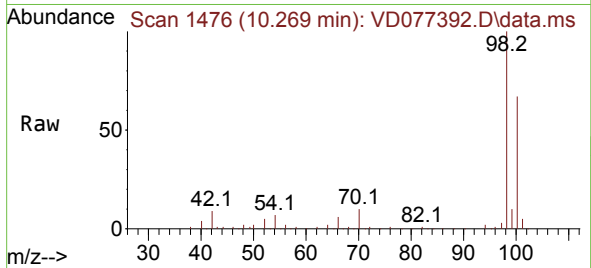




#50
Toluene-d8
Concen: 33.265 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD077392.D
Acq: 24 Oct 2023 14:07

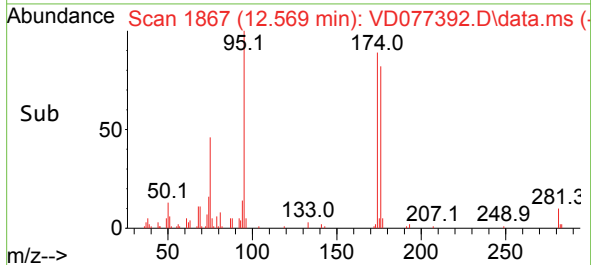
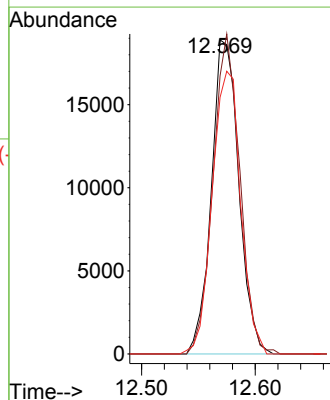
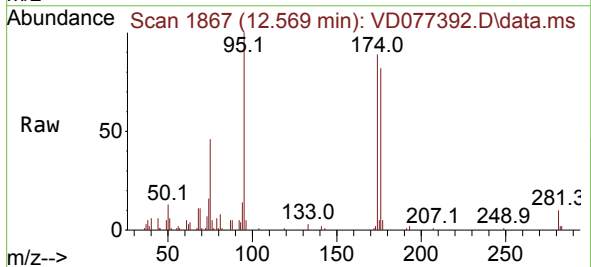
Instrument :
MSVOA_D
ClientSampleId :

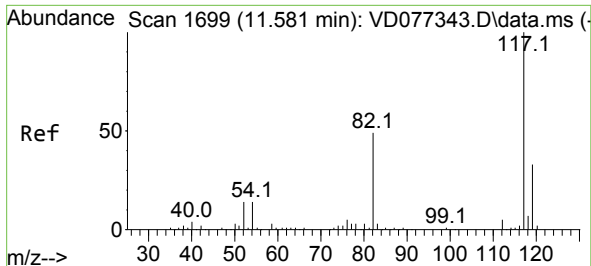
Tgt Ion: 98 Resp: 164459
Ion Ratio Lower Upper
98 100
100 65.1 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 22.289 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VD077392.D
Acq: 24 Oct 2023 14:07

Tgt Ion: 95 Resp: 31720
Ion Ratio Lower Upper
95 100
174 99.1 0.0 201.8
176 93.7 0.0 191.8

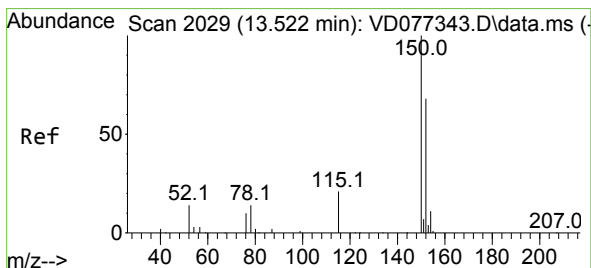
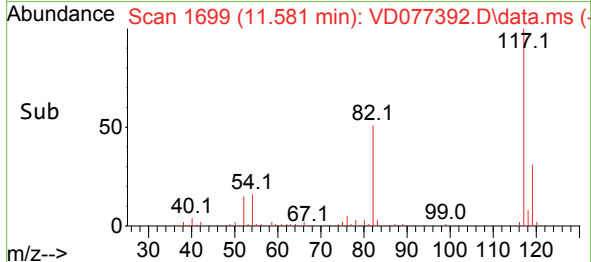
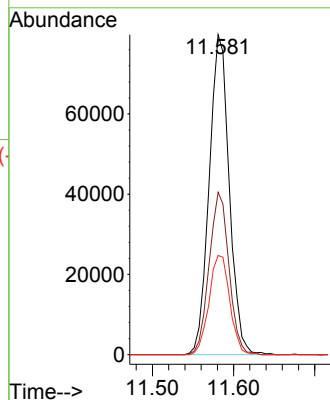
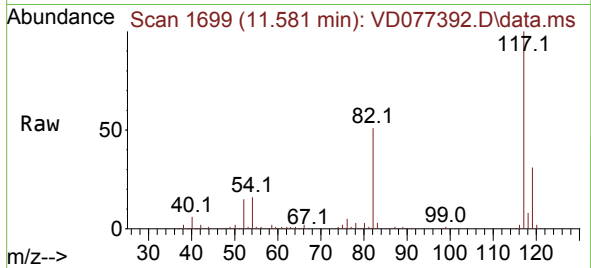




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD077392.D
Acq: 24 Oct 2023 14:07

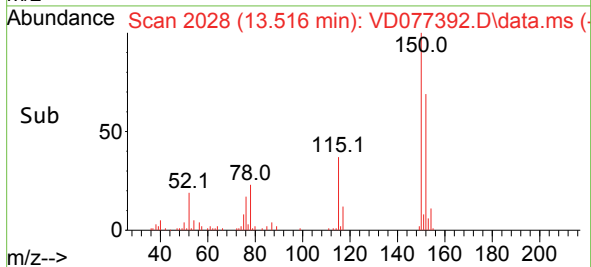
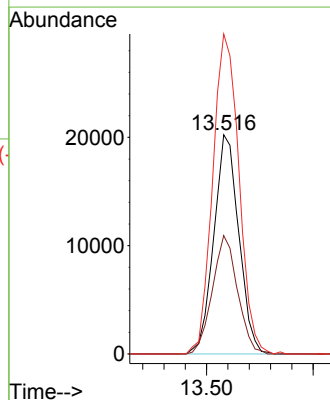
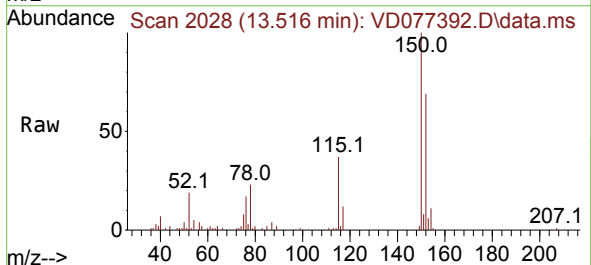
Instrument :
MSVOA_D
ClientSampleId :

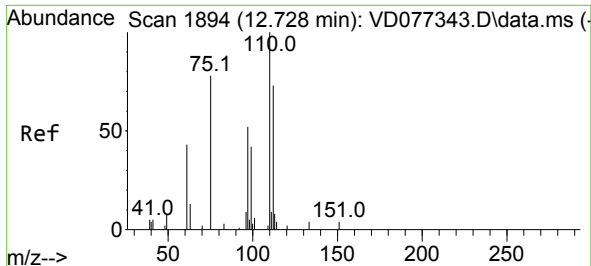
Tgt Ion:117 Resp: 136674
Ion Ratio Lower Upper
117 100
82 50.8 38.3 57.5
119 31.0 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD077392.D
Acq: 24 Oct 2023 14:07

Tgt Ion:152 Resp: 32986
Ion Ratio Lower Upper
152 100
115 54.4 27.1 81.3
150 153.0 0.0 353.6

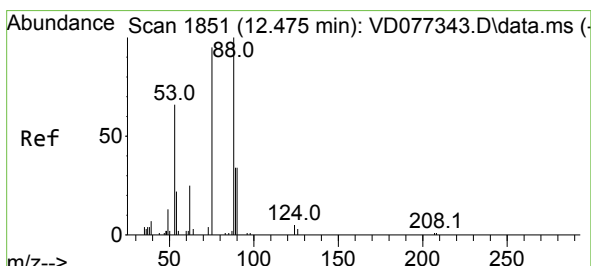
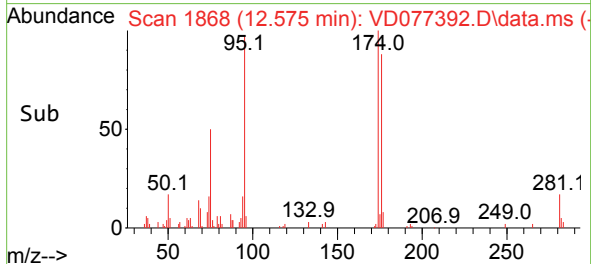
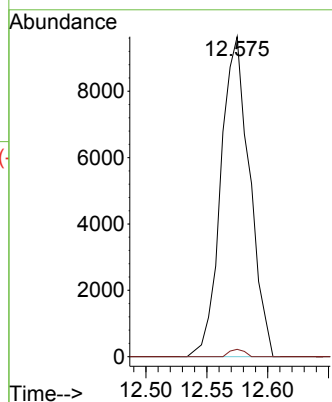
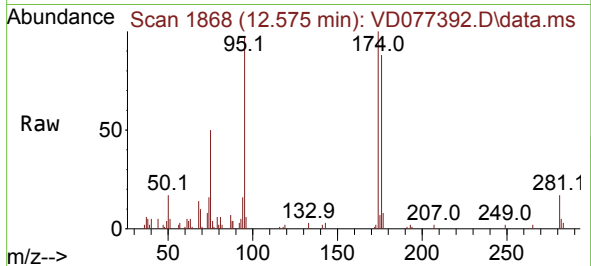




#76
1,2,3-Trichloropropane
Concen: 36.197 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD077392.D
Acq: 24 Oct 2023 14:07

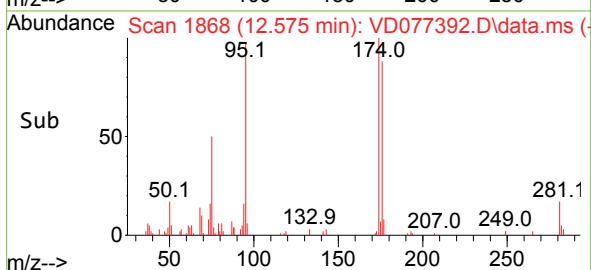
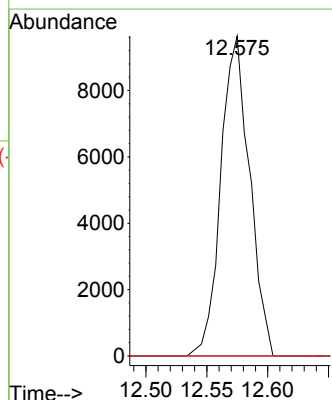
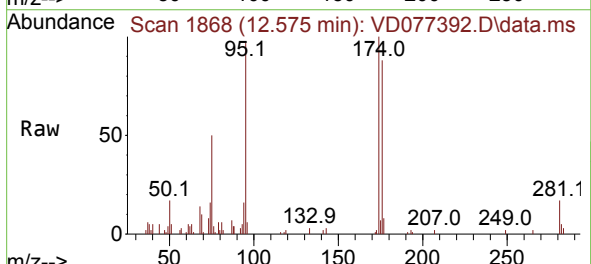
Instrument :
MSVOA_D
ClientSampleId :

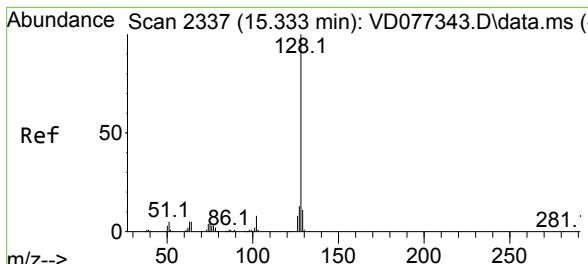
Tgt Ion: 75 Resp: 15851
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 128.762 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.100 min
Lab File: VD077392.D
Acq: 24 Oct 2023 14:07

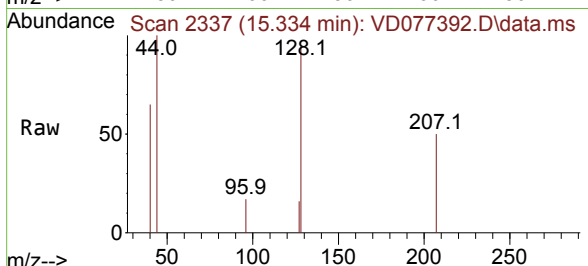
Tgt Ion: 75 Resp: 15851
Ion Ratio Lower Upper
75 100
53 0.0 63.0 94.4#
89 0.0 37.9 56.9#





#95
 Naphthalene
 Concen: 1.645 ug/l
 RT: 15.334 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD077392.D
 Acq: 24 Oct 2023 14:07

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion:	128	Resp:	1762
Ion	Ratio	Lower	Upper
128	100		
127	16.8	10.5	15.7#
129	0.0	8.7	13.1#

