

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110823\
 Data File : VD077515.D
 Acq On : 08 Nov 2023 10:58
 Operator : JC/SY
 Sample : VD1108SBL01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 09 01:35:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D103023S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 31 04:19:17 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	221847	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	393585	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	345990	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	155256	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	139939	44.609	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	89.220%
35) Dibromofluoromethane	7.810	113	123886	45.541	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.080%
50) Toluene-d8	10.269	98	509572	48.226	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.460%
62) 4-Bromofluorobenzene	12.575	95	151947	42.696	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	85.400%

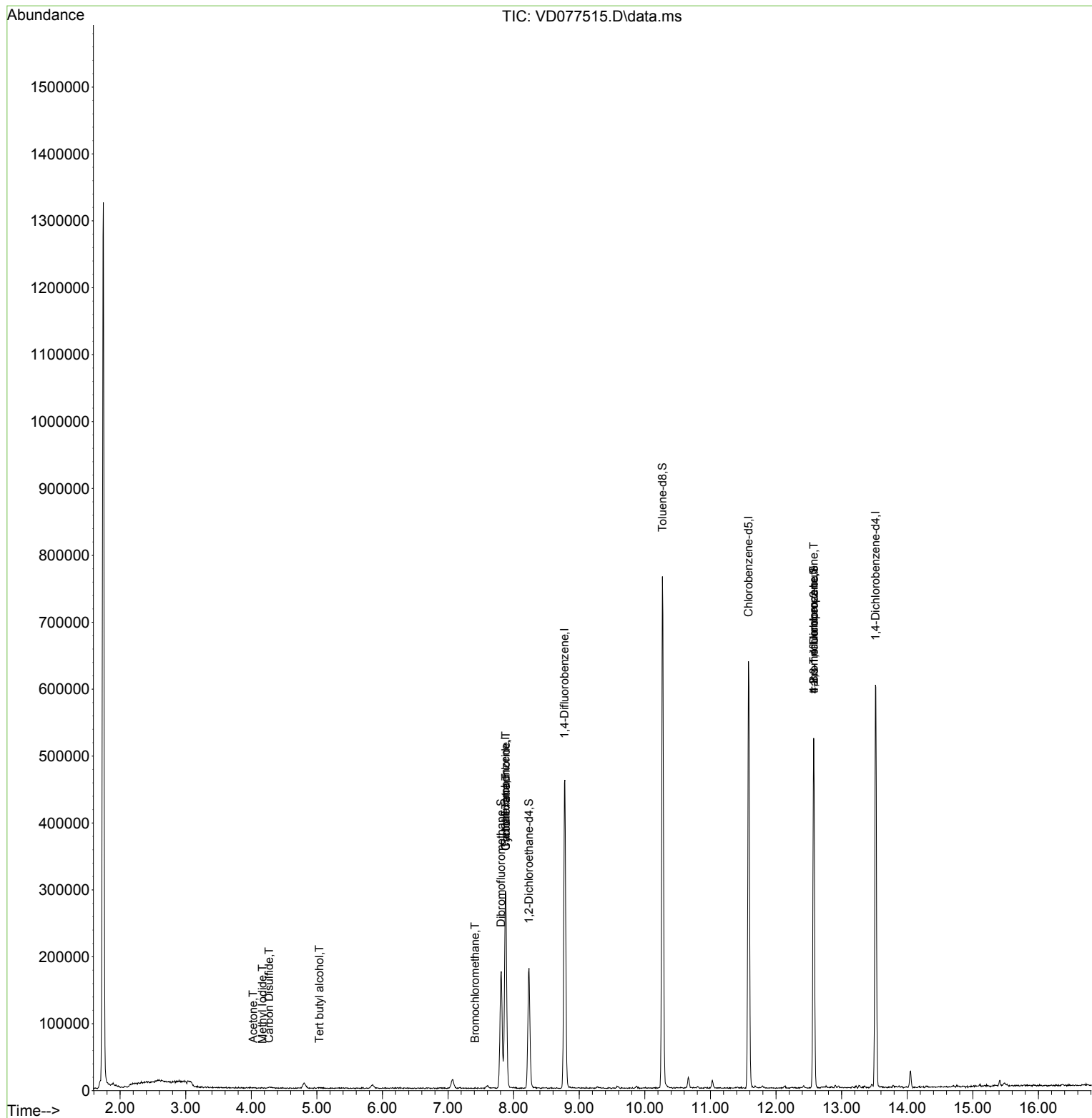
Target Compounds					Qvalue	
10) Methyl Iodide	4.169	142	280	3.237	ug/l	# 46
11) Tert butyl alcohol	5.040	59	418	1.682	ug/l	# 73
16) Acetone	4.028	43	1765	2.126	ug/l	# 32
17) Carbon Disulfide	4.269	76	343	3.803	ug/l	# 76
20) Methylene Chloride	4.805	84	5414	Below Cal		# 68
28) Bromochloromethane	7.410	49	162	2.164	ug/l	# 1
31) Cyclohexane	7.881	56	5839	1.191	ug/l	# 47
38) Carbon Tetrachloride	7.881	117	22477	5.914	ug/l	# 15
76) 1,2,3-Trichloropropane	12.575	75	86144	45.588	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.575	75	86144	88.059	ug/l	# 17

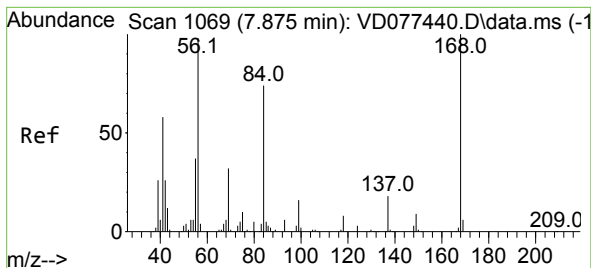
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_D
ClientSampleId :

Quant Time: Nov 09 01:35:14 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D103023S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 31 04:19:17 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: VD077515.D

Acq: 08 Nov 2023 10:58

Instrument :

MSVOA_D

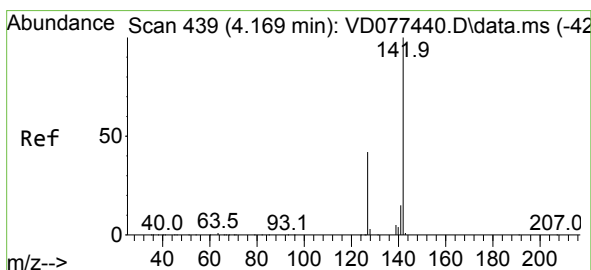
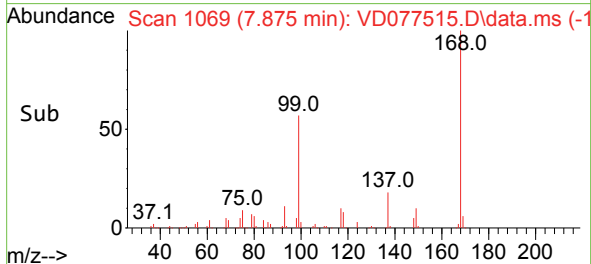
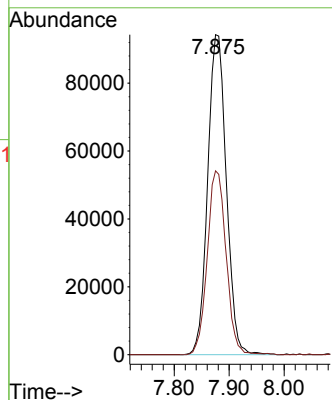
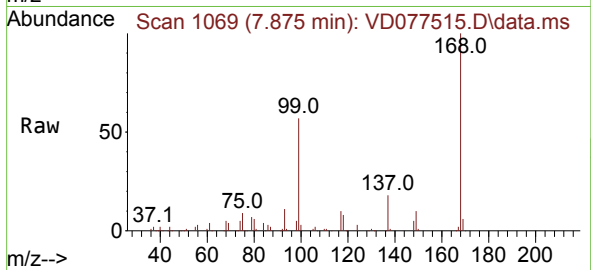
ClientSampleId :

Tgt Ion:168 Resp: 221847

Ion Ratio Lower Upper

168 100

99 57.4 36.7 55.1#



#10

Methyl Iodide

Concen: 3.237 ug/l

RT: 4.169 min Scan# 439

Delta R.T. 0.000 min

Lab File: VD077515.D

Acq: 08 Nov 2023 10:58

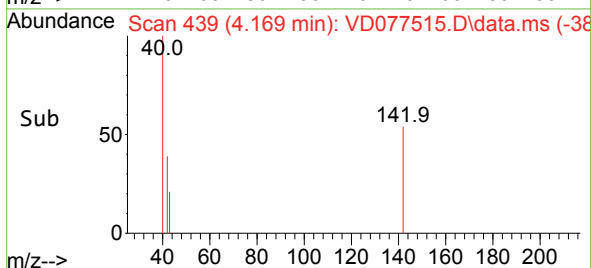
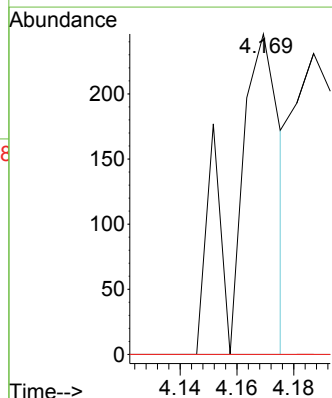
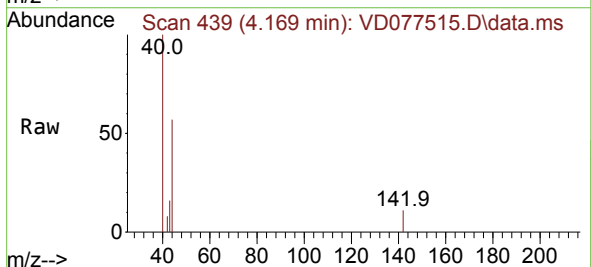
Tgt Ion:142 Resp: 280

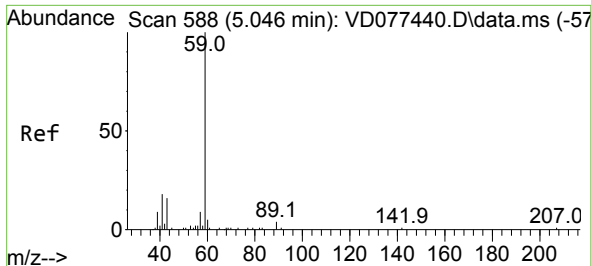
Ion Ratio Lower Upper

142 100

127 0.0 29.4 44.0#

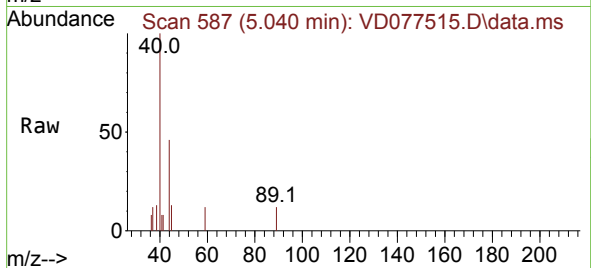
141 0.0 11.1 16.7#



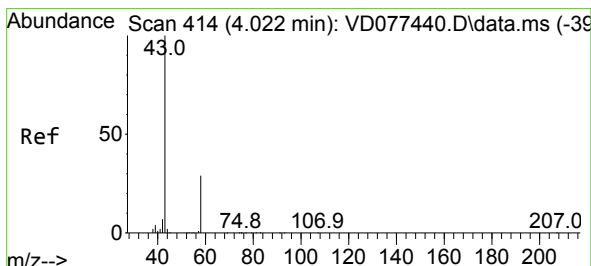
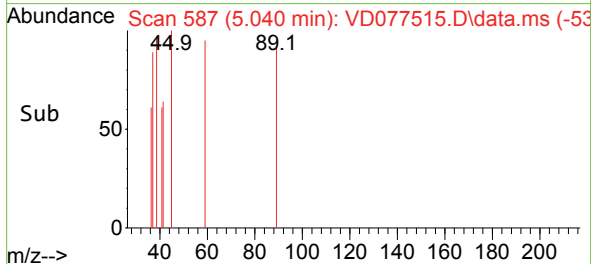
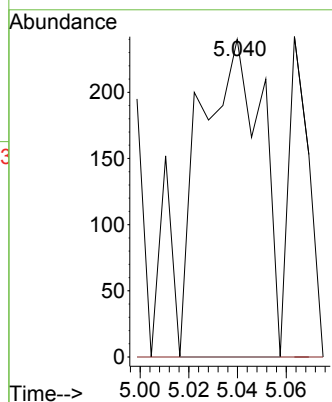


#11
Tert butyl alcohol
Concen: 1.682 ug/l
RT: 5.040 min Scan# 51
Delta R.T. -0.006 min
Lab File: VD077515.D
Acq: 08 Nov 2023 10:58

Instrument :
MSVOA_D
ClientSampleId :

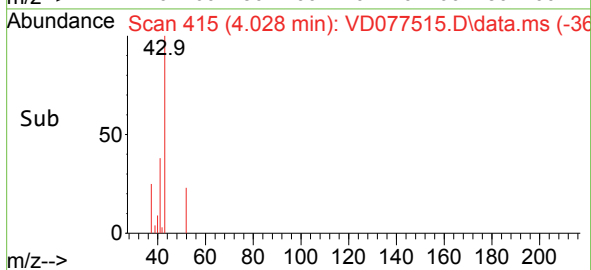
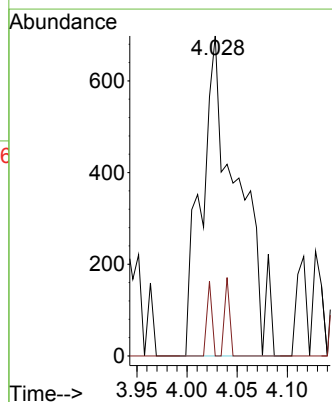
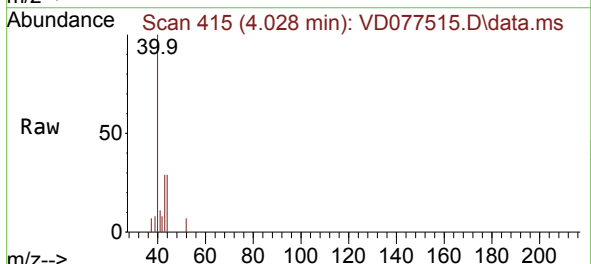


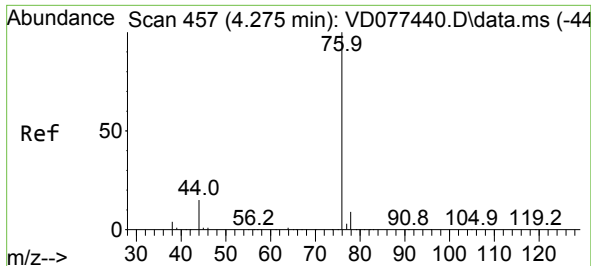
Tgt Ion: 59 Resp: 418
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#16
Acetone
Concen: 2.126 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.006 min
Lab File: VD077515.D
Acq: 08 Nov 2023 10:58

Tgt Ion: 43 Resp: 1765
Ion Ratio Lower Upper
43 100
58 0.0 34.7 52.1#

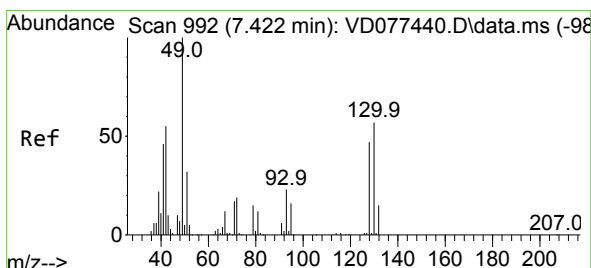
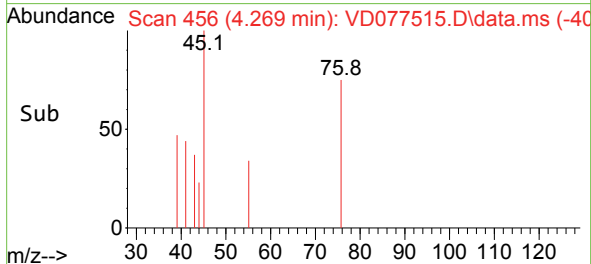
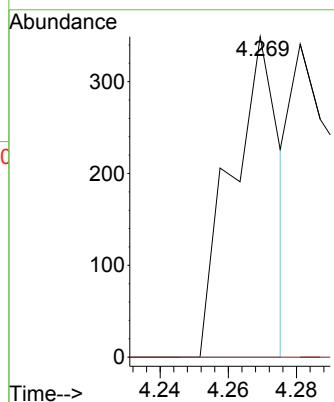
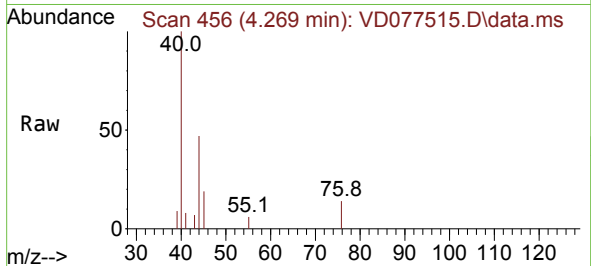




#17
Carbon Disulfide
Concen: 3.803 ug/l
RT: 4.269 min Scan# 411
Delta R.T. -0.006 min
Lab File: VD077515.D
Acq: 08 Nov 2023 10:58

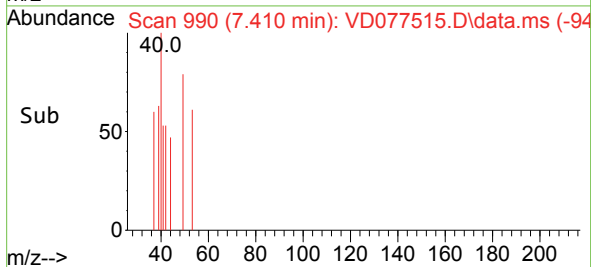
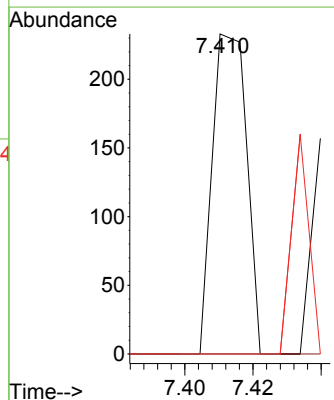
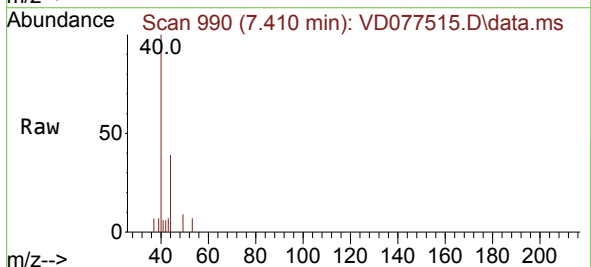
Instrument :
MSVOA_D
ClientSampleId :

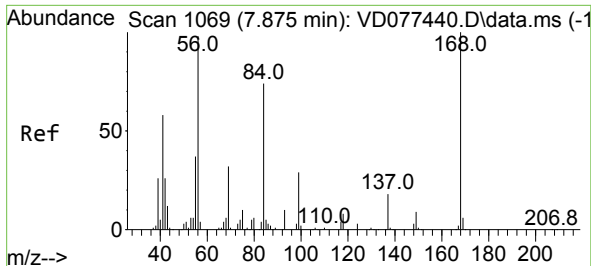
Tgt Ion: 76 Resp: 343
Ion Ratio Lower Upper
76 100
78 0.0 6.8 10.2#



#28
Bromochloromethane
Concen: 2.164 ug/l
RT: 7.410 min Scan# 990
Delta R.T. -0.012 min
Lab File: VD077515.D
Acq: 08 Nov 2023 10:58

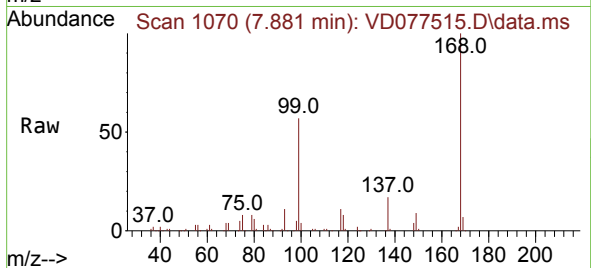
Tgt Ion: 49 Resp: 162
Ion Ratio Lower Upper
49 100
129 0.0 0.0 6.0
130 0.0 83.2 124.8#



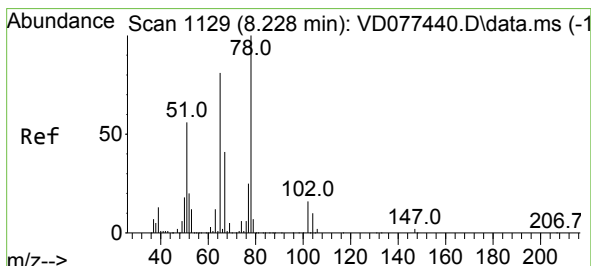
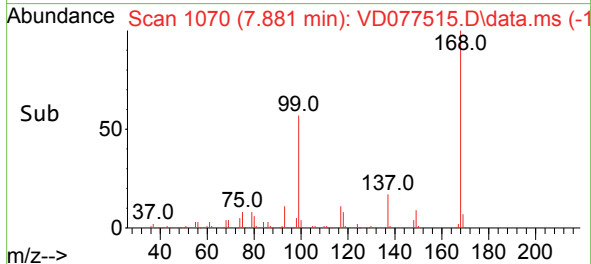
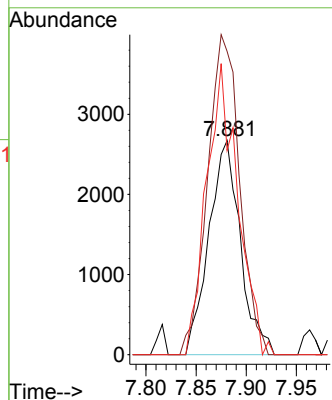


#31
Cyclohexane
Concen: 1.191 ug/l
RT: 7.881 min Scan# 110
Delta R.T. 0.006 min
Lab File: VD077515.D
Acq: 08 Nov 2023 10:58

Instrument :
MSVOA_D
ClientSampleId :

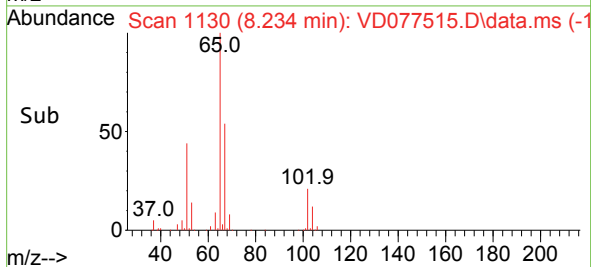
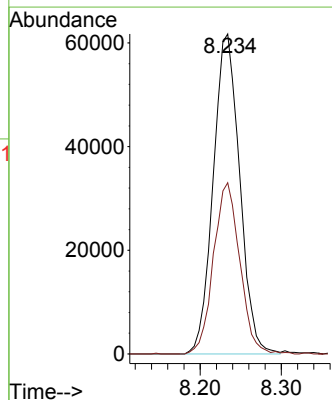
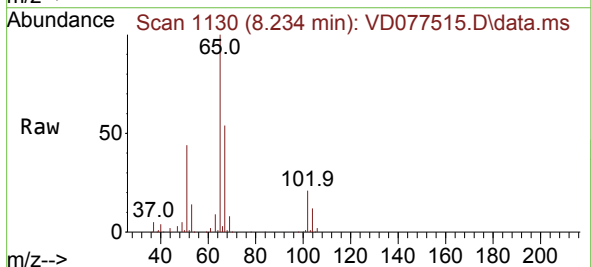


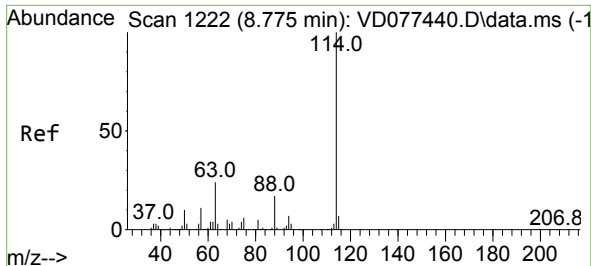
Tgt Ion: 56 Resp: 5839
Ion Ratio Lower Upper
56 100
69 141.7 28.6 43.0#
84 95.5 84.8 127.2



#33
1,2-Dichloroethane-d4
Concen: 44.609 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD077515.D
Acq: 08 Nov 2023 10:58

Tgt Ion: 65 Resp: 139939
Ion Ratio Lower Upper
65 100
67 53.2 0.0 115.0

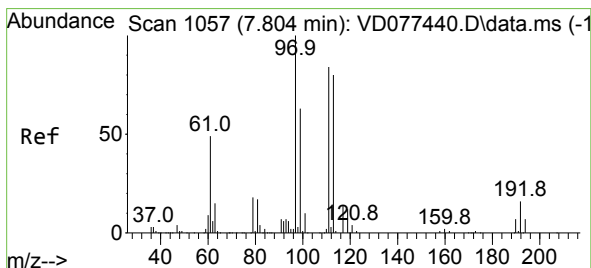
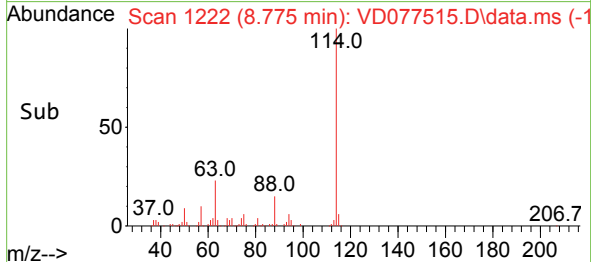
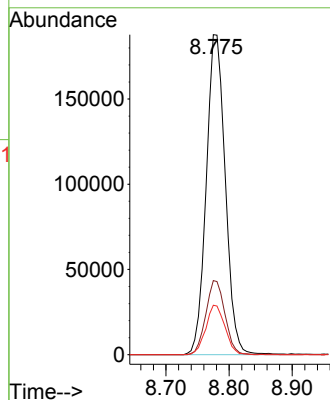
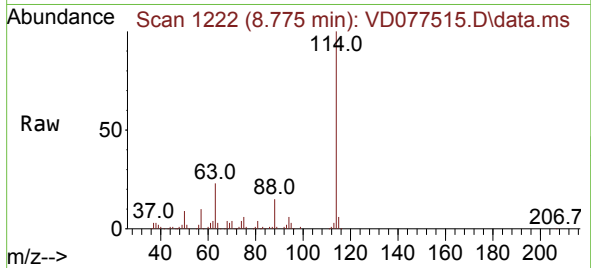




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD077515.D
Acq: 08 Nov 2023 10:58

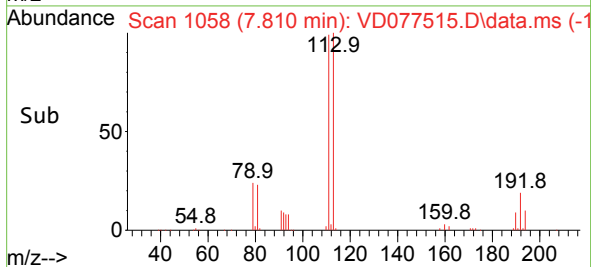
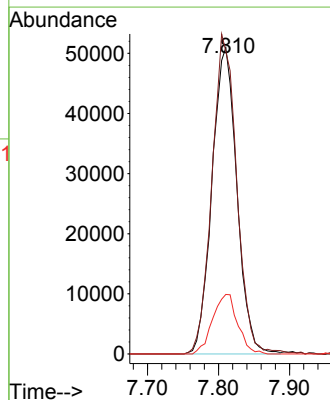
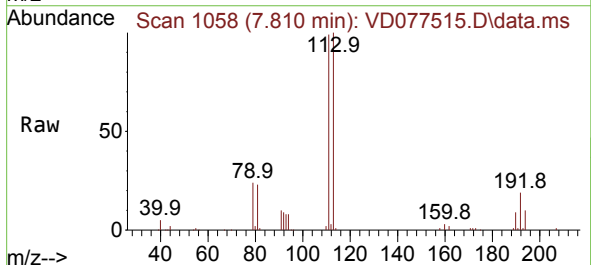
Instrument :
MSVOA_D
ClientSampleId :

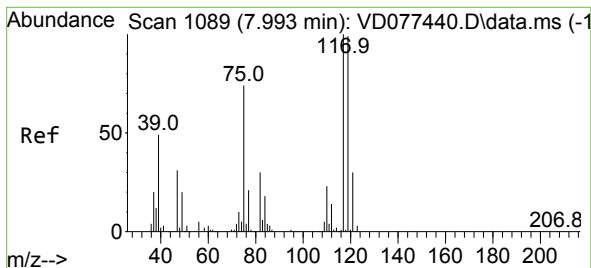
Tgt Ion:114 Resp: 393585
Ion Ratio Lower Upper
114 100
63 23.1 0.0 33.4
88 15.4 0.0 26.2



#35
Dibromofluoromethane
Concen: 45.541 ug/l
RT: 7.810 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VD077515.D
Acq: 08 Nov 2023 10:58

Tgt Ion:113 Resp: 123886
Ion Ratio Lower Upper
113 100
111 104.2 84.7 127.1
192 19.5 16.8 25.2





#38

Carbon Tetrachloride

Concen: 5.914 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. -0.112 min

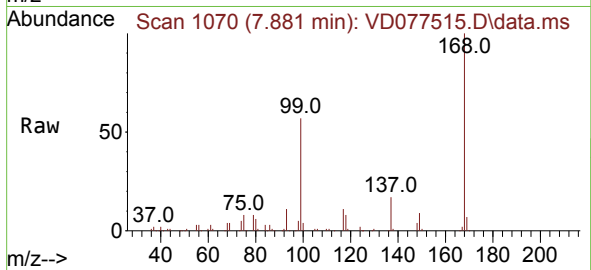
Lab File: VD077515.D

Acq: 08 Nov 2023 10:58

Instrument :

MSVOA_D

ClientSampleId :



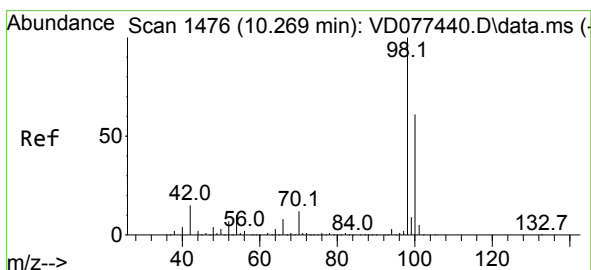
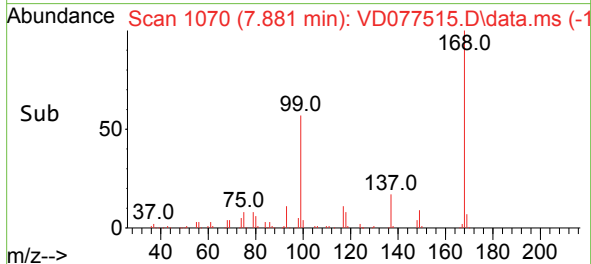
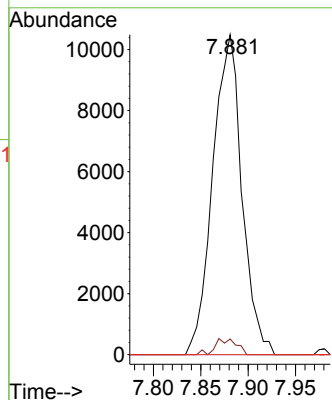
Tgt Ion:117 Resp: 22477

Ion Ratio Lower Upper

117 100

119 4.9 78.0 117.0#

121 0.0 24.2 36.2#



#50

Toluene-d8

Concen: 48.226 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD077515.D

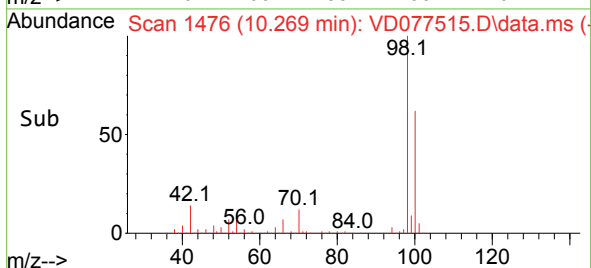
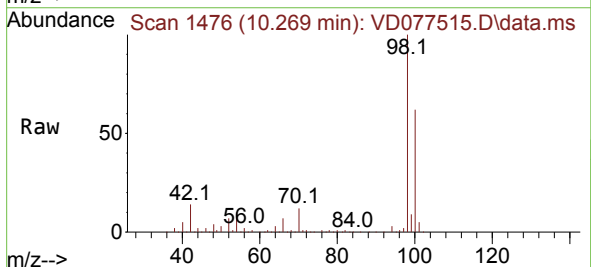
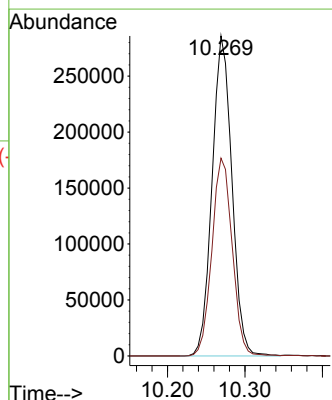
Acq: 08 Nov 2023 10:58

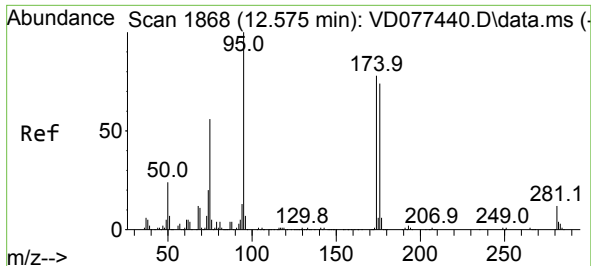
Tgt Ion: 98 Resp: 509572

Ion Ratio Lower Upper

98 100

100 63.3 50.3 75.5

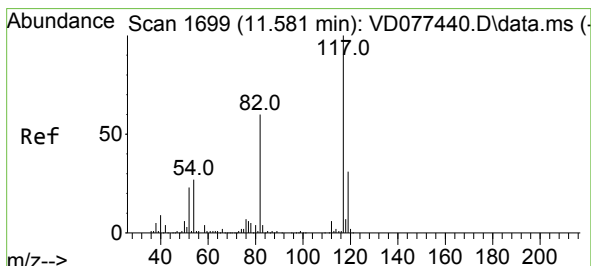
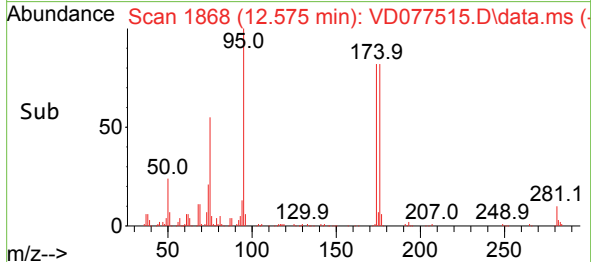
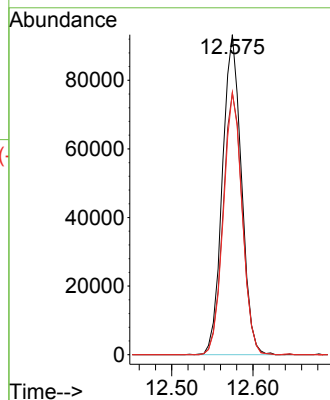
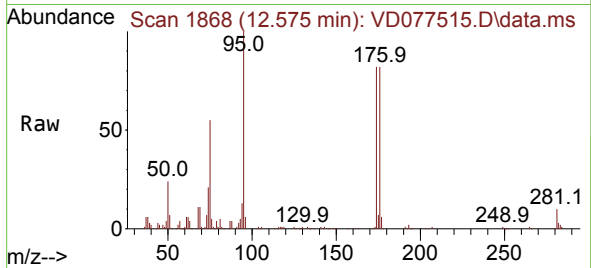




#62
4-Bromofluorobenzene
Concen: 42.696 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077515.D
Acq: 08 Nov 2023 10:58

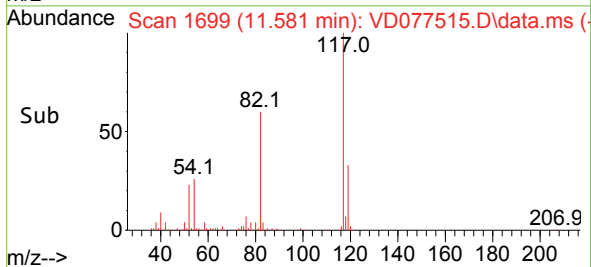
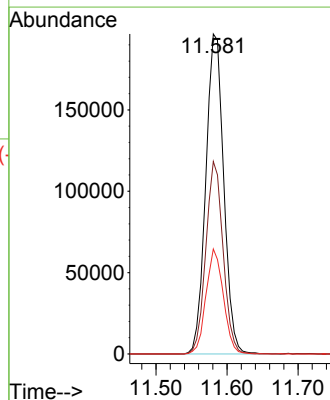
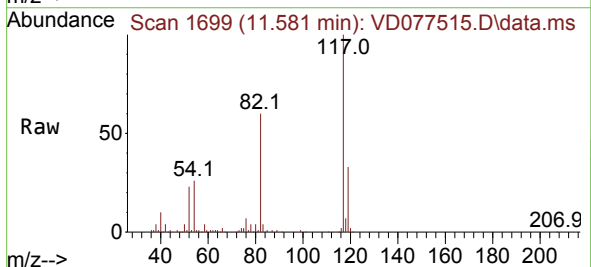
Instrument :
MSVOA_D
ClientSampleId :

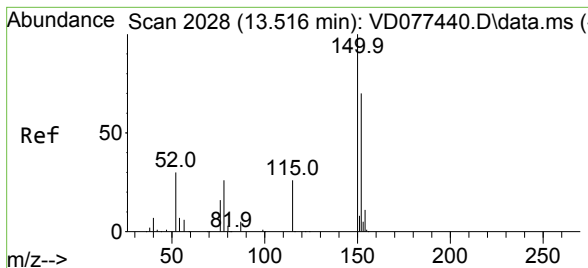
Tgt Ion: 95 Resp: 151947
Ion Ratio Lower Upper
95 100
174 82.5 0.0 201.8
176 80.7 0.0 191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD077515.D
Acq: 08 Nov 2023 10:58

Tgt Ion: 117 Resp: 345990
Ion Ratio Lower Upper
117 100
82 60.2 38.3 57.5#
119 32.8 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: VD077515.D

Acq: 08 Nov 2023 10:58

Instrument :

MSVOA_D

ClientSampleId :

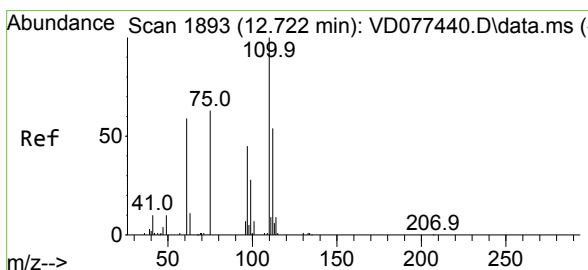
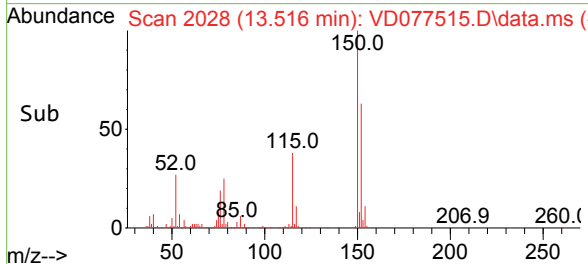
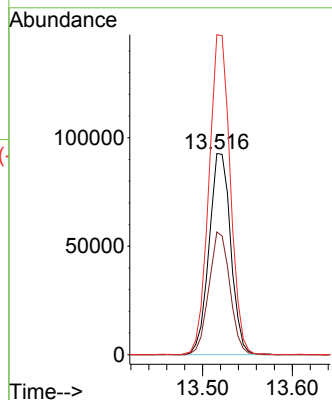
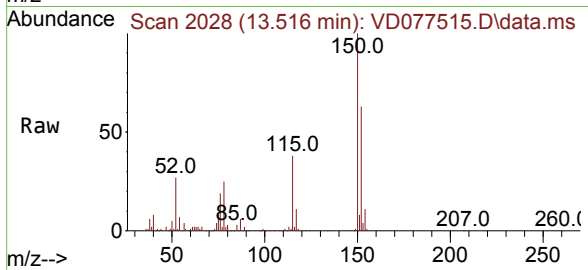
Tgt Ion:152 Resp: 155256

Ion Ratio Lower Upper

152 100

115 59.3 27.1 81.3

150 156.9 0.0 353.6



#76

1,2,3-Trichloropropane

Concen: 45.588 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. -0.147 min

Lab File: VD077515.D

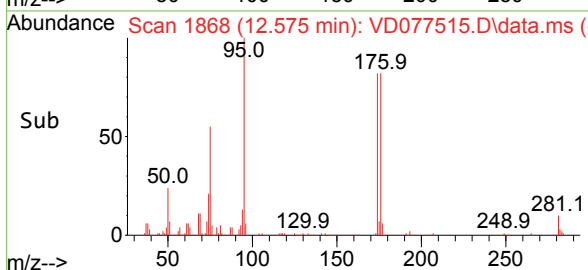
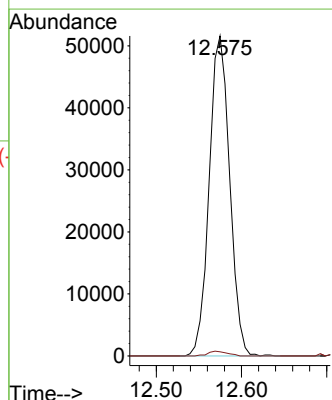
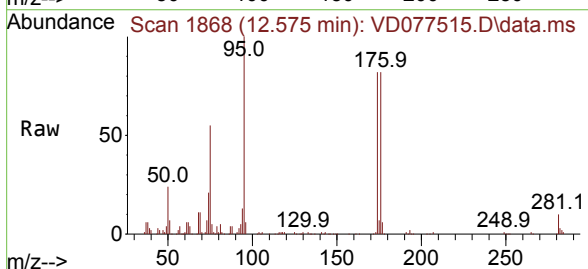
Acq: 08 Nov 2023 10:58

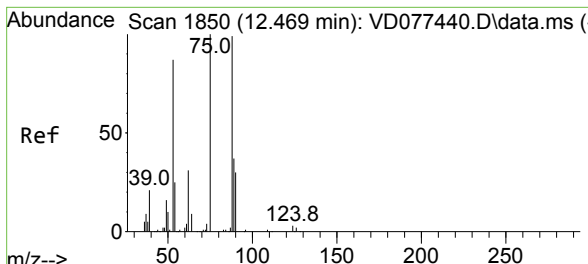
Tgt Ion: 75 Resp: 86144

Ion Ratio Lower Upper

75 100

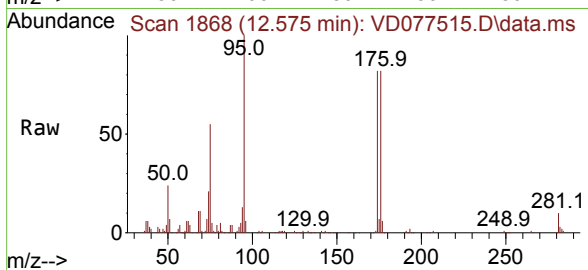
77 1.4 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 88.059 ug/l
RT: 12.575 min Scan# 11
Delta R.T. 0.106 min
Lab File: VD077515.D
Acq: 08 Nov 2023 10:58

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion:	75	Resp:	86144
Ion	Ratio	Lower	Upper
75	100		
53	0.0	63.0	94.4#
89	0.1	37.9	56.9#

