

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122223\
 Data File : VD078057.D
 Acq On : 22 Dec 2023 12:15
 Operator : RP/MD
 Sample : VD1222SBL01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Dec 23 03:34:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 14:48:10 2023
 Response via : Initial Calibration

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

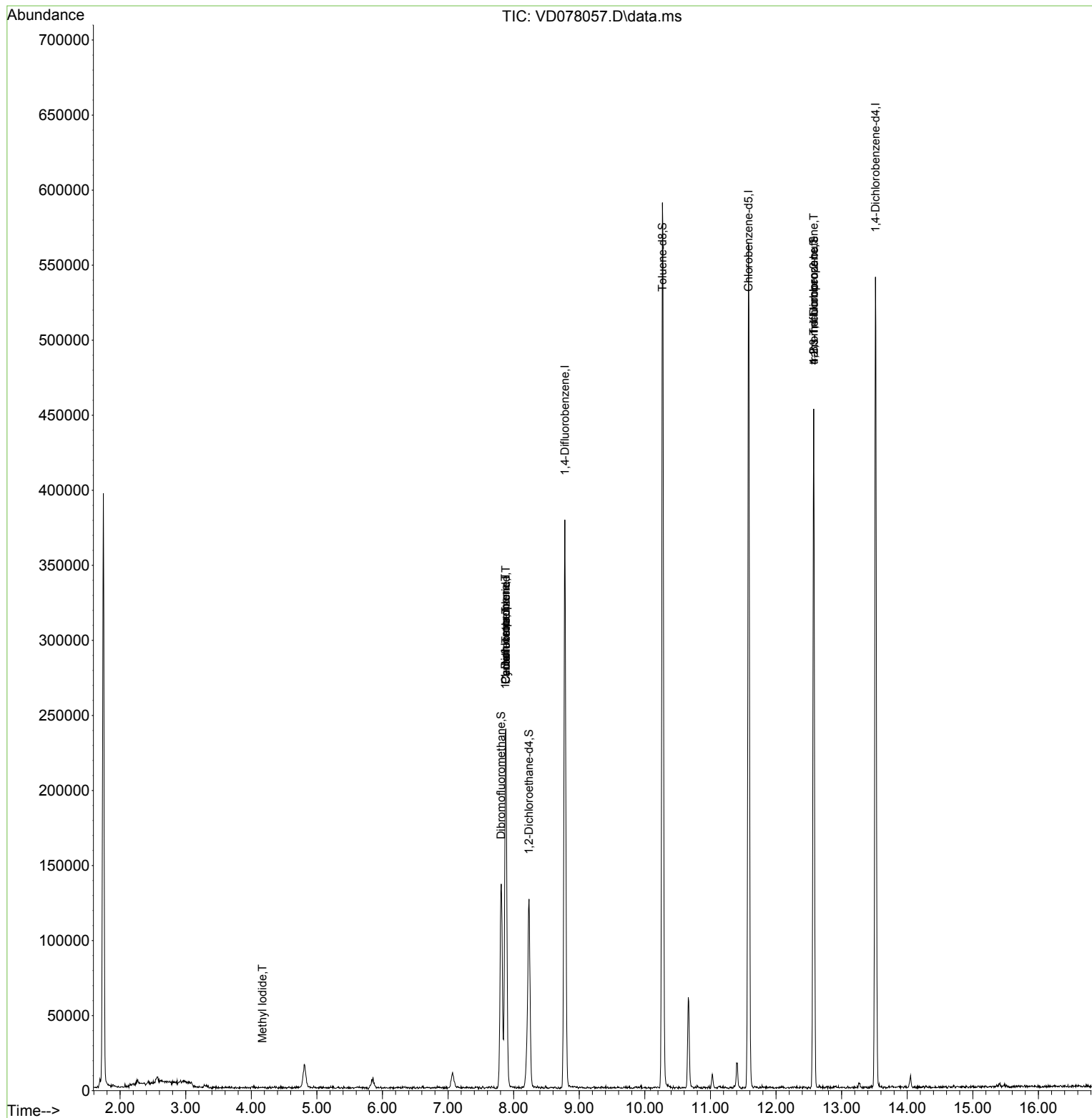
Internal Standards						
1) Pentafluorobenzene	7.881	168	185514	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	333220	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	320958	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	145424	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	92860	42.479	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	84.960%
35) Dibromofluoromethane	7.810	113	101573	43.517	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	87.040%
50) Toluene-d8	10.269	98	416025	44.502	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	89.000%
62) 4-Bromofluorobenzene	12.575	95	125639	44.953	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	89.900%
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.169	142	77	6.775	ug/l #	46
11) Tert butyl alcohol	5.046	59	320	Below Cal	#	10
16) Acetone	4.028	43	950	Below Cal	#	32
20) Methylene Chloride	4.811	84	10912	Below Cal	#	86
25) 2-Butanone	7.087	43	647	Below Cal	#	37
31) Cyclohexane	7.881	56	4220	1.085	ug/l #	1
36) 1,1-Dichloropropene	7.875	75	15800	4.232	ug/l #	49
38) Carbon Tetrachloride	7.881	117	18560	4.986	ug/l #	15
76) 1,2,3-Trichloropropane	12.575	75	66418	52.587	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	66418	106.545	ug/l #	17
88) 1,4-Dichlorobenzene	13.534	146	247	Below Cal	#	1
92) 1,2-Dibromo-3-Chloropr...	14.551	75	59	Below Cal	#	1

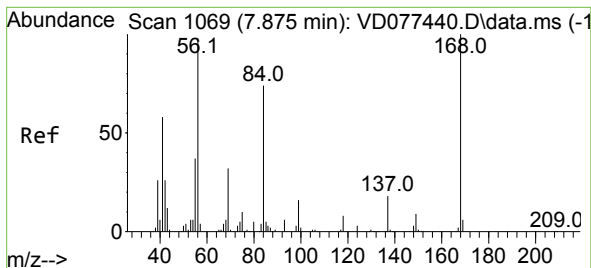
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Dec 14 14:48:10 2023
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.881 min Scan# 1069

Delta R.T. 0.006 min

Lab File: VD078057.D

Acq: 22 Dec 2023 12:15

Instrument :

MSVOA_D

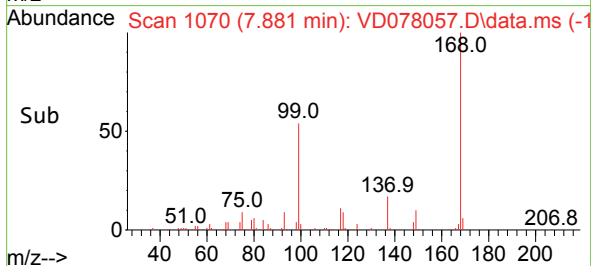
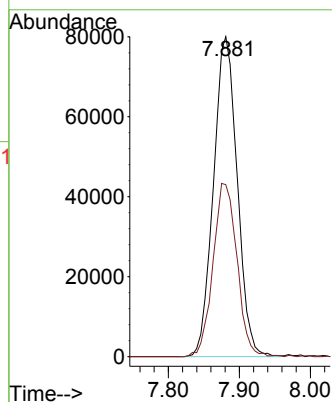
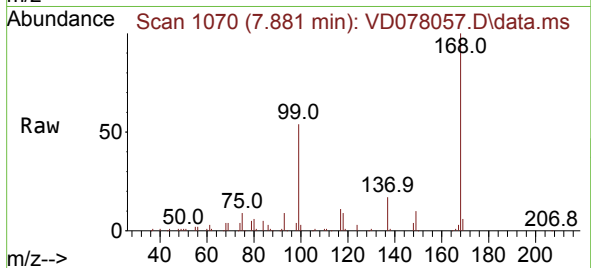
ClientSampleId :

Tgt Ion:168 Resp: 185514

Ion Ratio Lower Upper

168 100

99 53.8 36.7 55.1



#10

Methyl Iodide

Concen: 6.775 ug/l

RT: 4.169 min Scan# 439

Delta R.T. 0.000 min

Lab File: VD078057.D

Acq: 22 Dec 2023 12:15

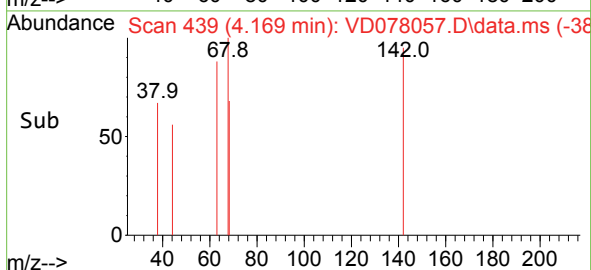
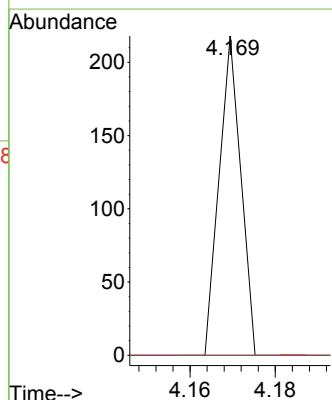
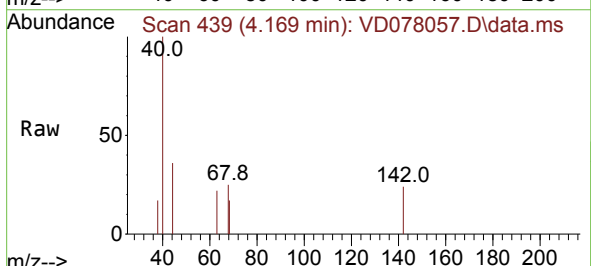
Tgt Ion:142 Resp: 77

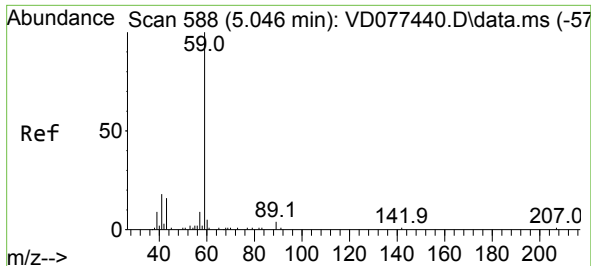
Ion Ratio Lower Upper

142 100

127 0.0 29.4 44.0#

141 0.0 11.1 16.7#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.046 min Scan# 51

Delta R.T. -0.000 min

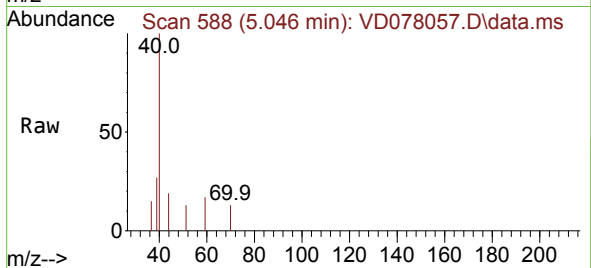
Lab File: VD078057.D

Acq: 22 Dec 2023 12:15

Instrument :

MSVOA_D

ClientSampleId :

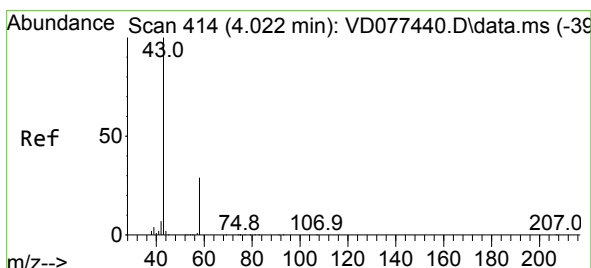
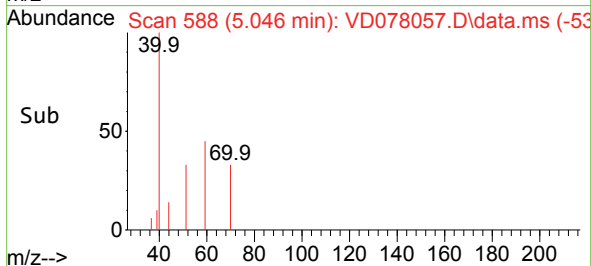
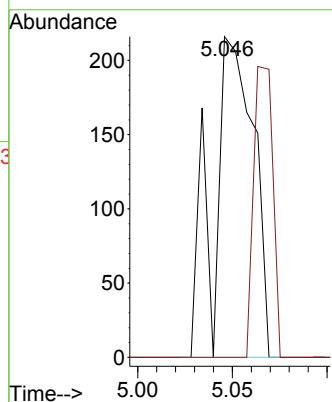


Tgt Ion: 59 Resp: 320

Ion Ratio Lower Upper

59 100

57 43.1 7.8 11.8#



#16

Acetone

Concen: Below Cal

RT: 4.028 min Scan# 415

Delta R.T. 0.006 min

Lab File: VD078057.D

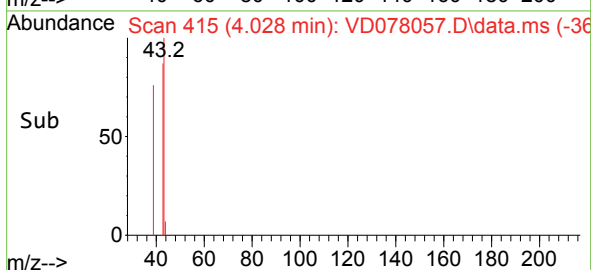
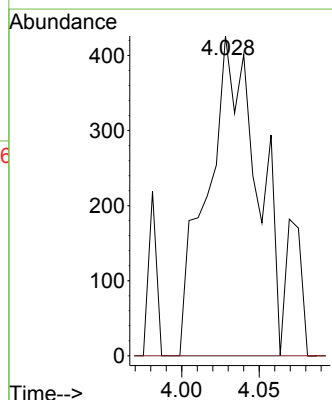
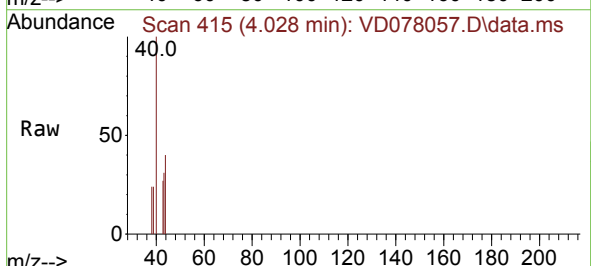
Acq: 22 Dec 2023 12:15

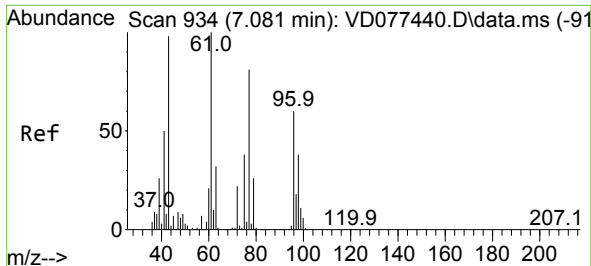
Tgt Ion: 43 Resp: 950

Ion Ratio Lower Upper

43 100

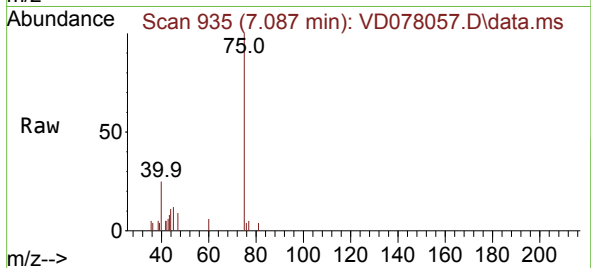
58 0.0 34.7 52.1#



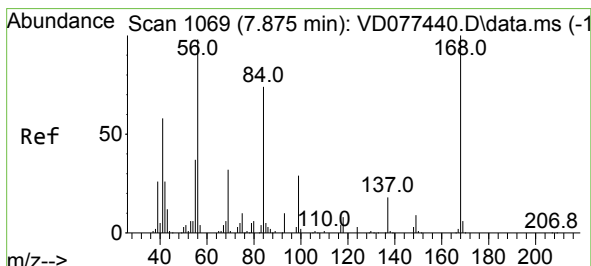
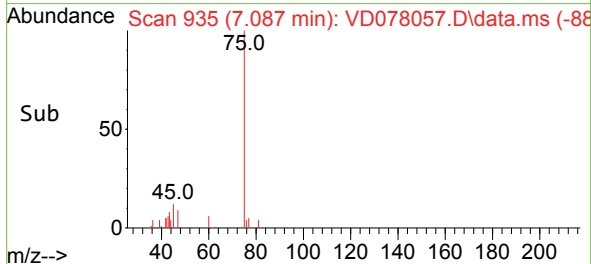
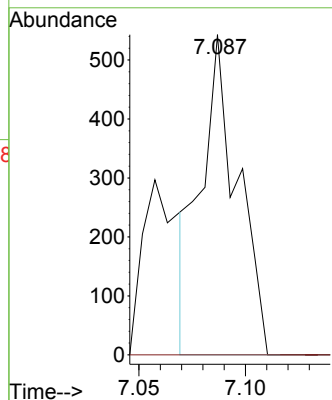


#25
2-Butanone
Concen: Below Cal
RT: 7.087 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD078057.D
Acq: 22 Dec 2023 12:15

Instrument :
MSVOA_D
ClientSampleId :

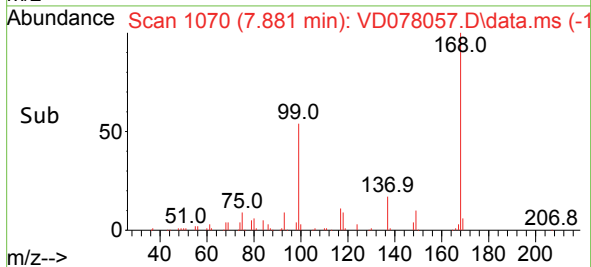
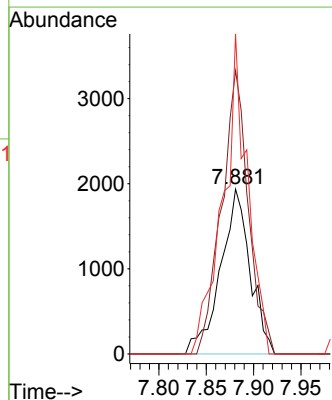
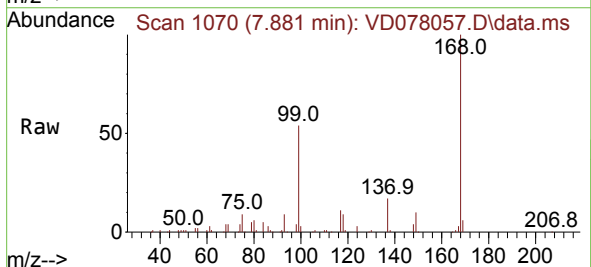


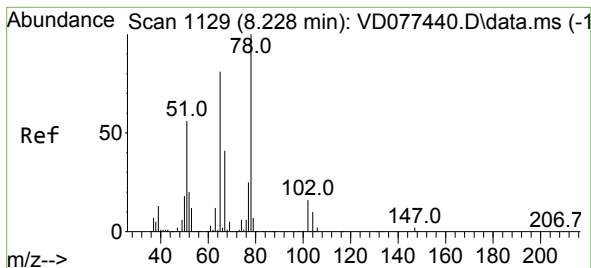
Tgt Ion: 43 Resp: 647
Ion Ratio Lower Upper
43 100
72 0.0 30.7 46.1#



#31
Cyclohexane
Concen: 1.085 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.006 min
Lab File: VD078057.D
Acq: 22 Dec 2023 12:15

Tgt Ion: 56 Resp: 4220
Ion Ratio Lower Upper
56 100
69 172.0 28.6 43.0#
84 194.2 84.8 127.2#





#33

1,2-Dichloroethane-d4

Concen: 42.479 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VD078057.D

Acq: 22 Dec 2023 12:15

Instrument :

MSVOA_D

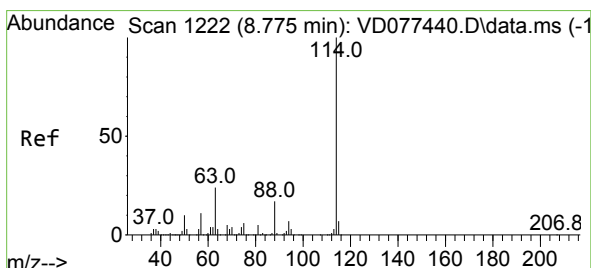
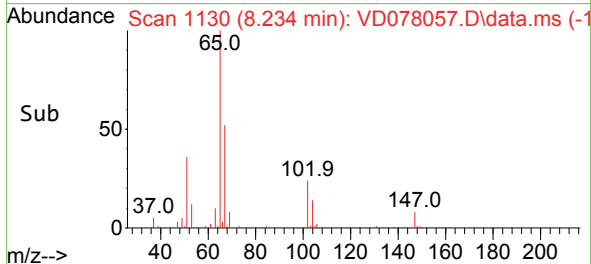
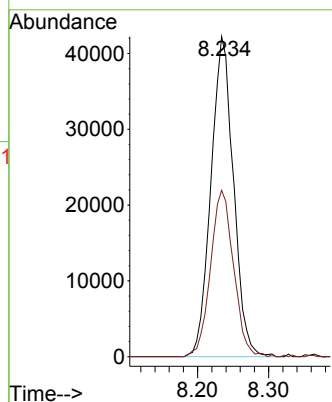
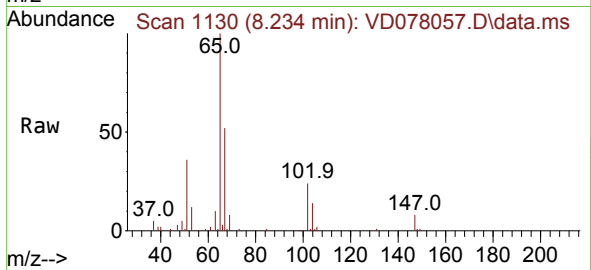
ClientSampleId :

Tgt Ion: 65 Resp: 92860

Ion Ratio Lower Upper

65 100

67 53.3 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.006 min

Lab File: VD078057.D

Acq: 22 Dec 2023 12:15

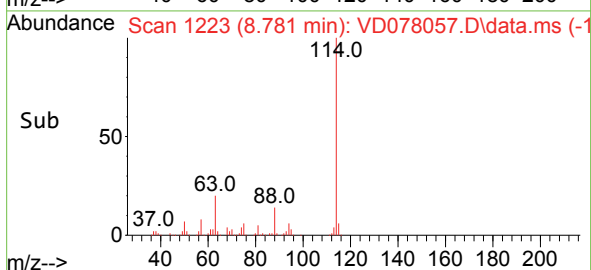
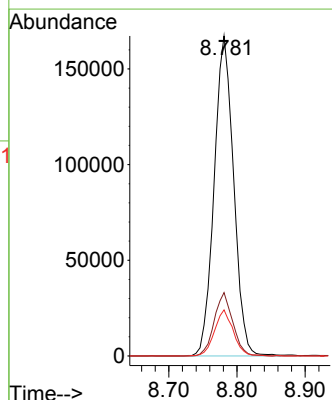
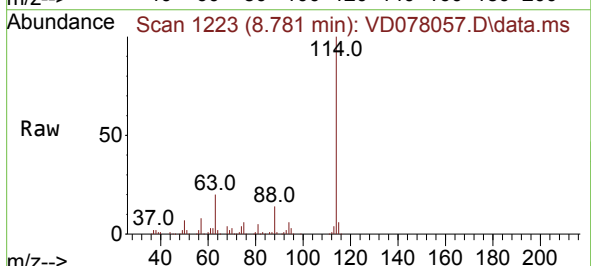
Tgt Ion: 114 Resp: 333220

Ion Ratio Lower Upper

114 100

63 19.8 0.0 33.4

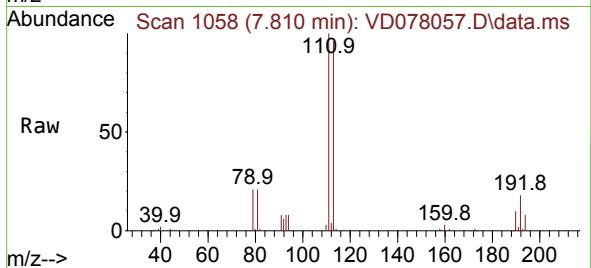
88 14.4 0.0 26.2



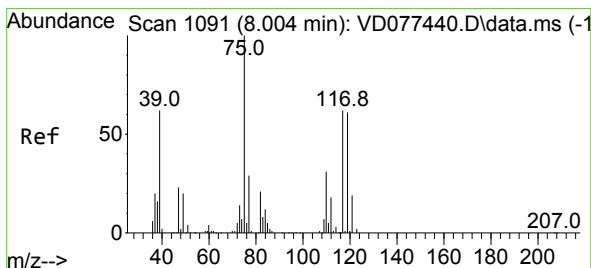
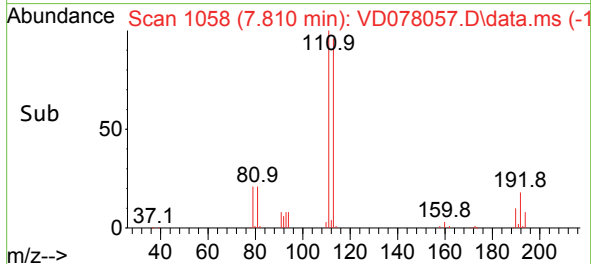
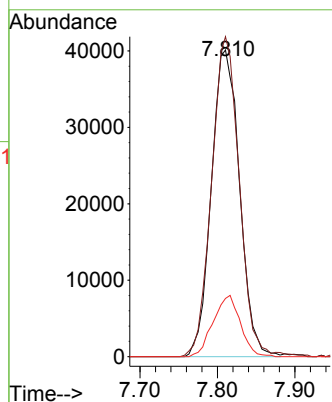


#35
Dibromofluoromethane
Concen: 43.517 ug/l
RT: 7.810 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VD078057.D
Acq: 22 Dec 2023 12:15

Instrument :
MSVOA_D
ClientSampleId :

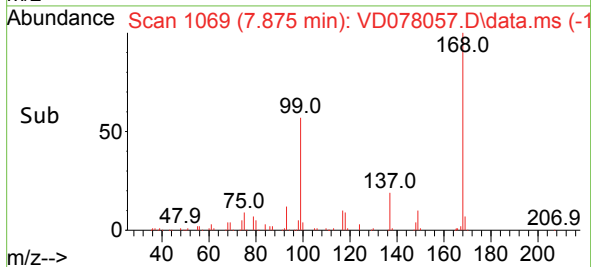
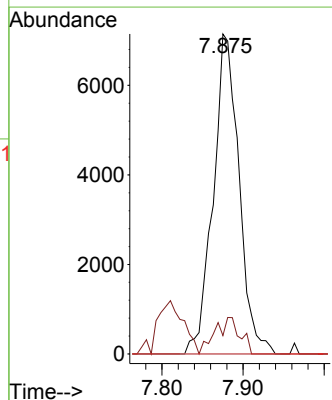
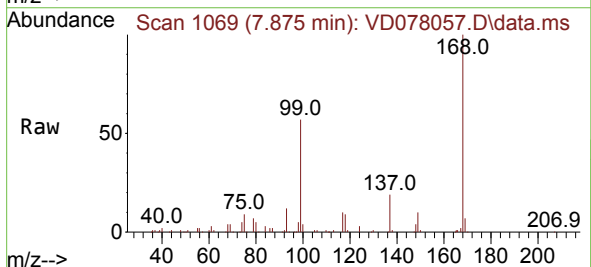


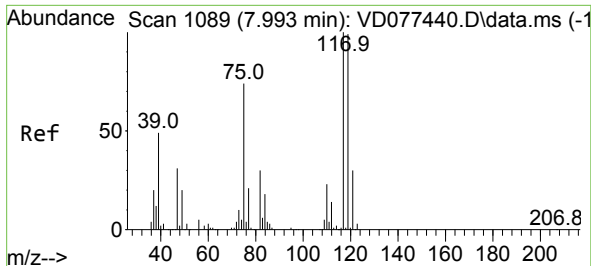
Tgt Ion:113 Resp: 101573
Ion Ratio Lower Upper
113 100
111 102.5 84.7 127.1
192 19.3 16.8 25.2



#36
1,1-Dichloropropene
Concen: 4.232 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.129 min
Lab File: VD078057.D
Acq: 22 Dec 2023 12:15

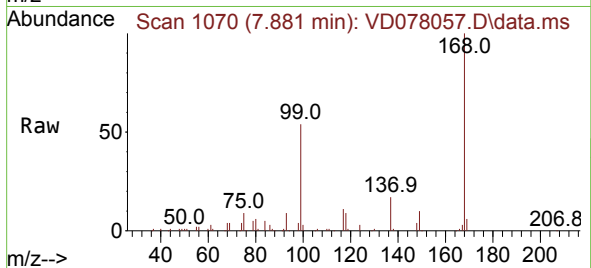
Tgt Ion: 75 Resp: 15800
Ion Ratio Lower Upper
75 100
110 11.0 19.9 59.6#
77 0.0 24.7 37.1#



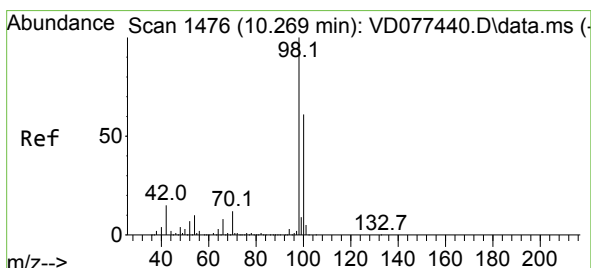
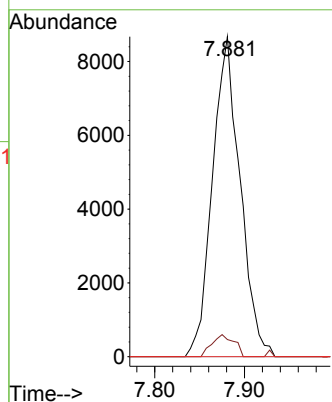
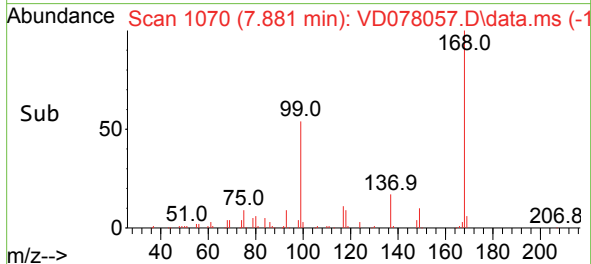


#38
Carbon Tetrachloride
Concen: 4.986 ug/l
RT: 7.881 min Scan# 1089
Delta R.T. -0.112 min
Lab File: VD078057.D
Acq: 22 Dec 2023 12:15

Instrument :
MSVOA_D
ClientSampleId :

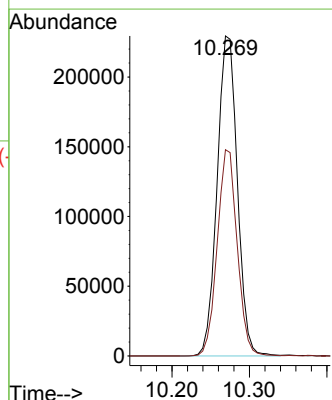
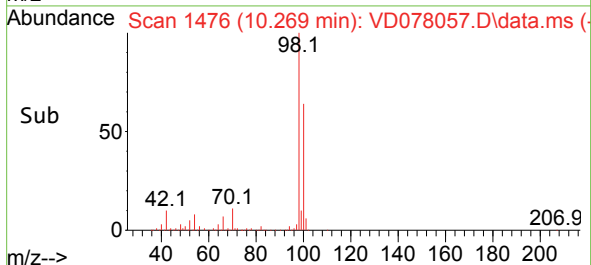
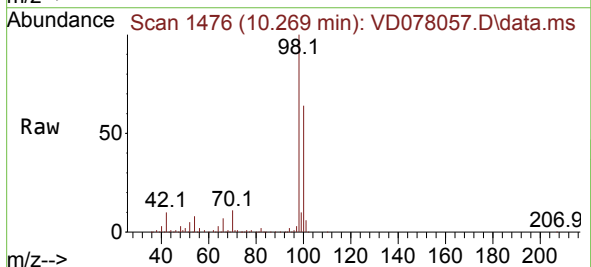


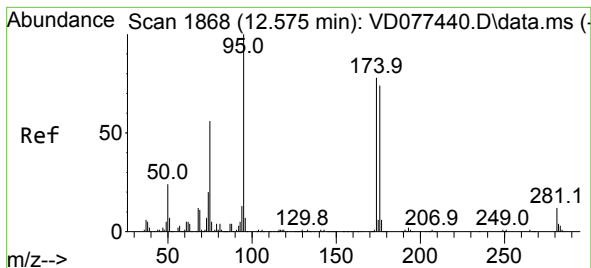
Tgt Ion:117 Resp: 18560
Ion Ratio Lower Upper
117 100
119 5.4 78.0 117.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 44.502 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078057.D
Acq: 22 Dec 2023 12:15

Tgt Ion: 98 Resp: 416025
Ion Ratio Lower Upper
98 100
100 63.6 50.3 75.5

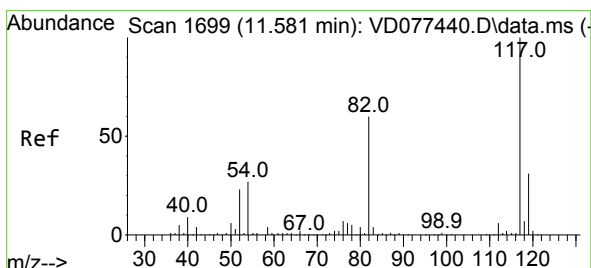
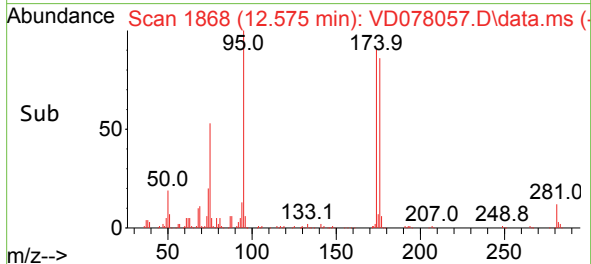
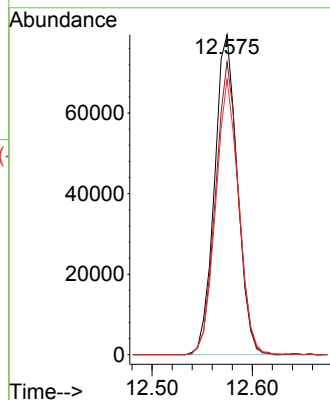
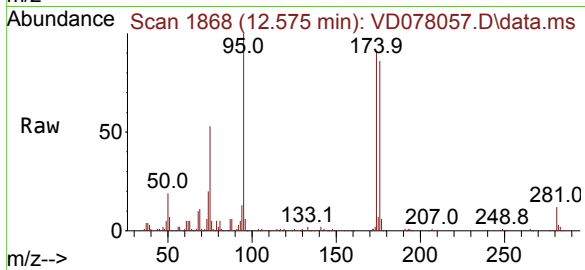




#62
4-Bromofluorobenzene
Concen: 44.953 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD078057.D
Acq: 22 Dec 2023 12:15

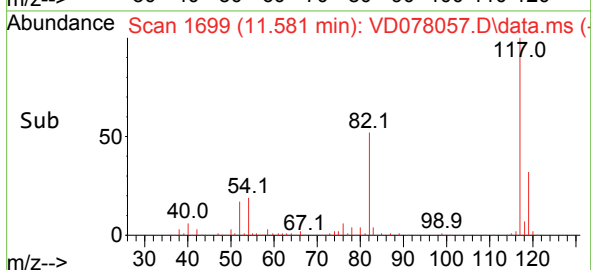
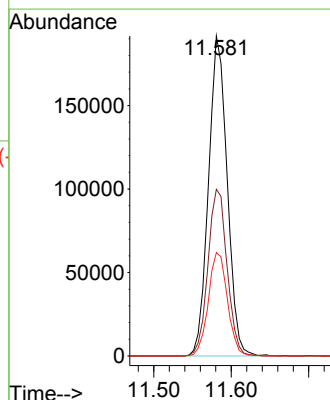
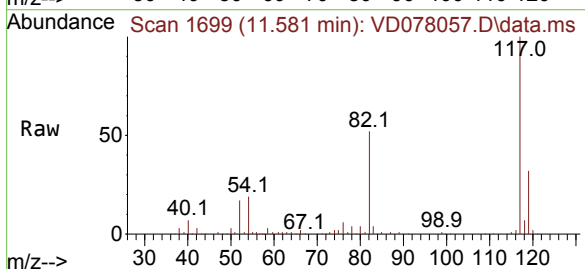
Instrument :
MSVOA_D
ClientSampleId :

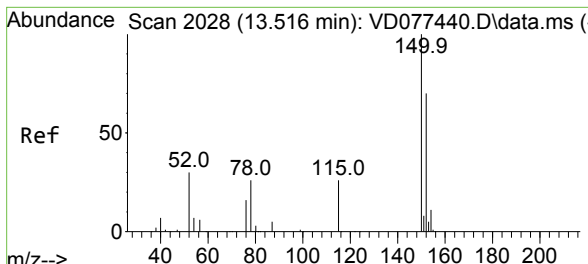
Tgt Ion: 95 Resp: 125639
Ion Ratio Lower Upper
95 100
174 91.2 0.0 201.8
176 87.0 0.0 191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD078057.D
Acq: 22 Dec 2023 12:15

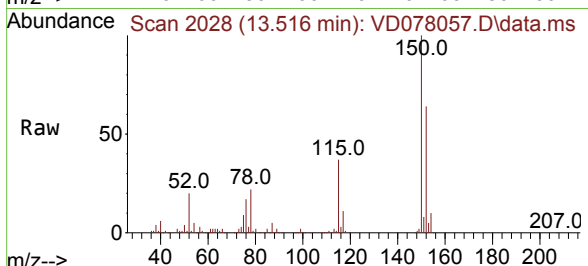
Tgt Ion: 117 Resp: 320958
Ion Ratio Lower Upper
117 100
82 52.1 38.3 57.5
119 32.3 25.0 37.4



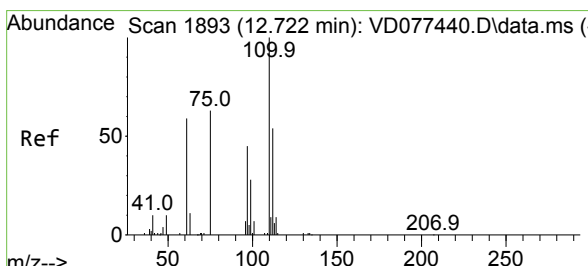
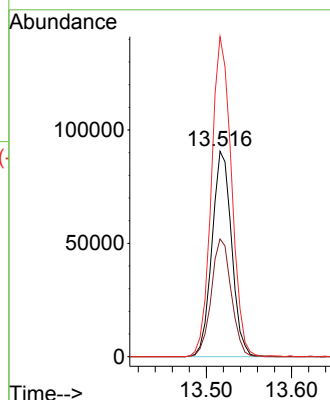
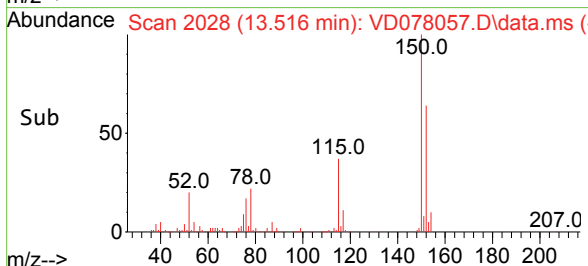


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VD078057.D
 Acq: 22 Dec 2023 12:15

Instrument :
 MSVOA_D
 ClientSampleId :

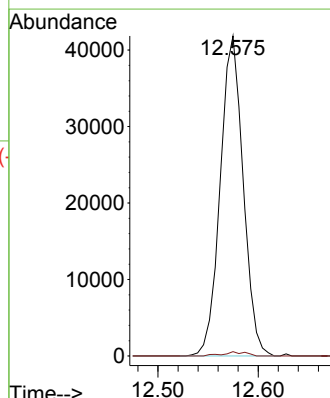
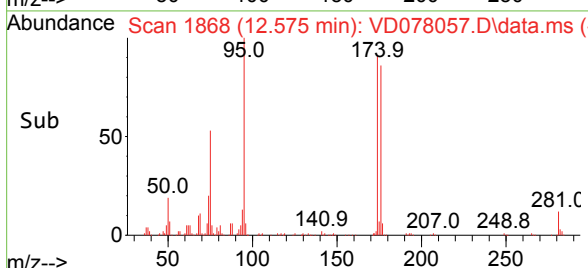
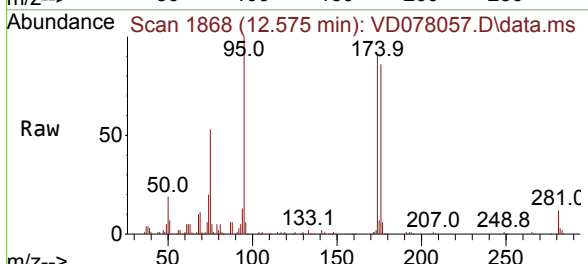


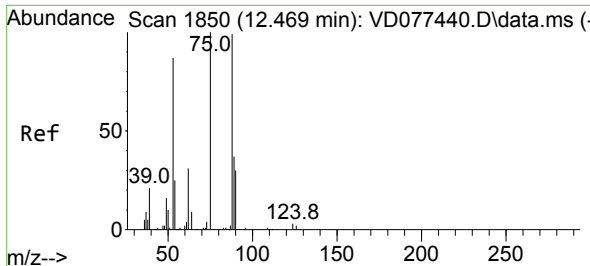
Tgt Ion:152 Resp: 145424
 Ion Ratio Lower Upper
 152 100
 115 58.4 27.1 81.3
 150 159.3 0.0 353.6



#76
 1,2,3-Trichloropropane
 Concen: 52.587 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. -0.147 min
 Lab File: VD078057.D
 Acq: 22 Dec 2023 12:15

Tgt Ion: 75 Resp: 66418
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#

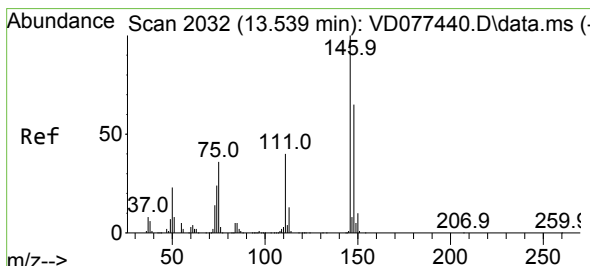
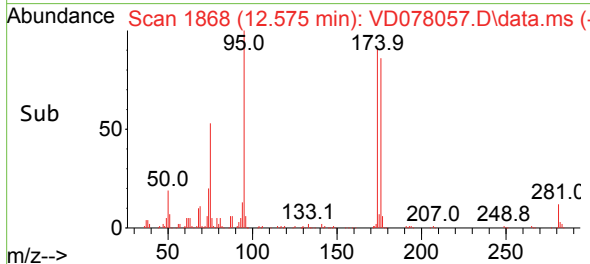
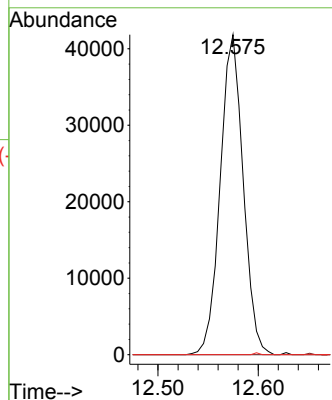
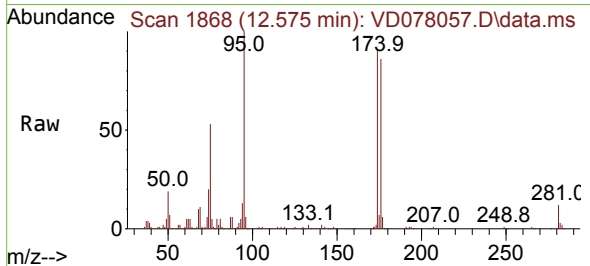




#81
trans-1,4-Dichloro-2-butene
Concen: 106.545 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD078057.D
Acq: 22 Dec 2023 12:15

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 66418
Ion Ratio Lower Upper
75 100
53 0.0 63.0 94.4#
89 0.0 37.9 56.9#



#88
1,4-Dichlorobenzene
Concen: Below Cal
RT: 13.534 min Scan# 2031
Delta R.T. -0.005 min
Lab File: VD078057.D
Acq: 22 Dec 2023 12:15

Tgt Ion:146 Resp: 247
Ion Ratio Lower Upper
146 100
111 866.4 17.4 52.3#
148 307.7 31.7 95.1#

