

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020824\
 Data File : VD078378.D
 Acq On : 08 Feb 2024 19:22
 Operator : RP/MD
 Sample : P1394-01
 Misc : 4.75G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Feb 09 03:14:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D013024S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 01 03:58:19 2024
 Response via : Initial Calibration

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

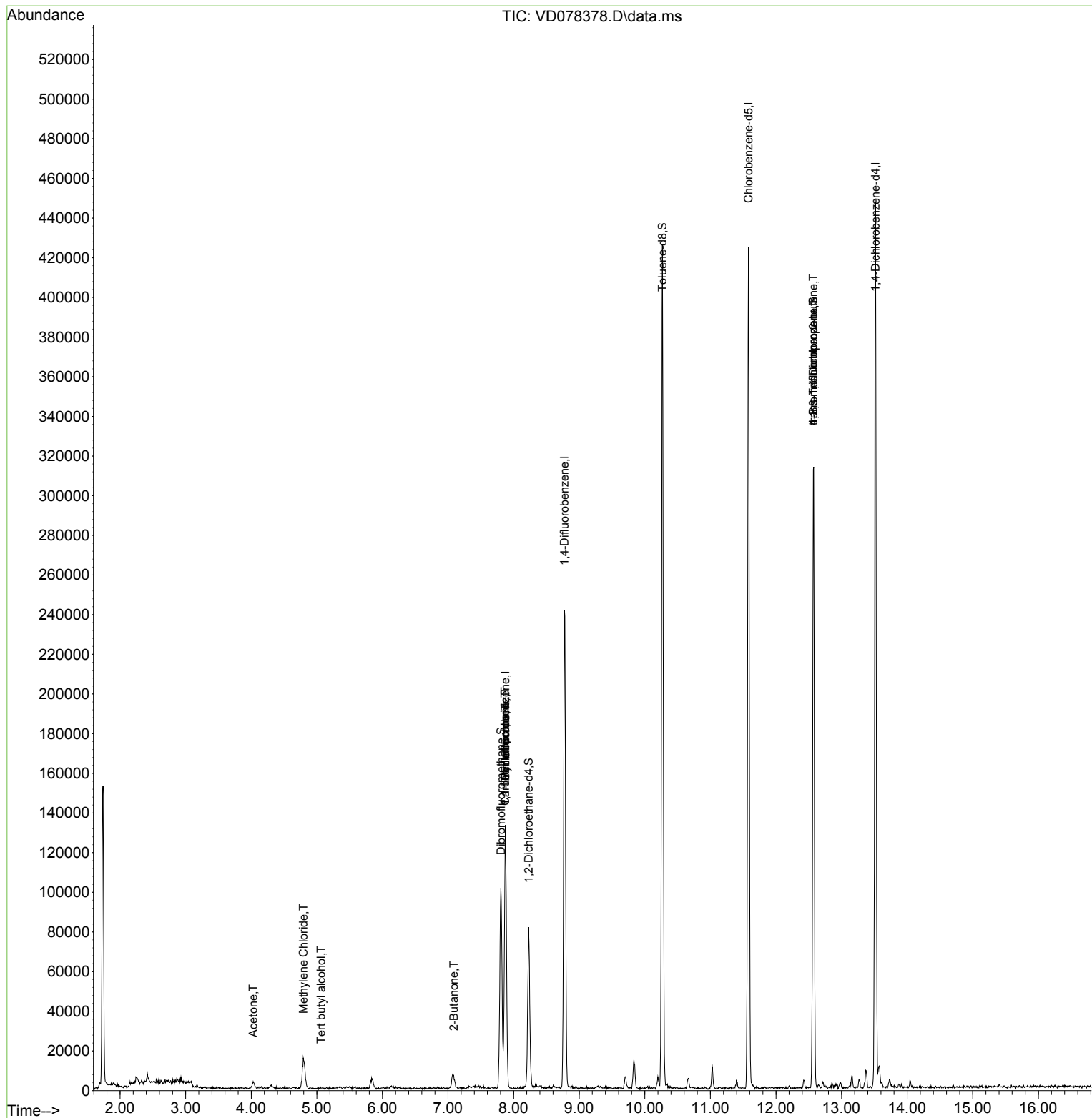
Internal Standards						
1) Pentafluorobenzene	7.875	168	91536	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	213807	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	236718	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	113075	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	57632	50.860	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.720%
35) Dibromofluoromethane	7.811	113	72197	47.431	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.860%
50) Toluene-d8	10.269	98	281533	48.852	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.700%
62) 4-Bromofluorobenzene	12.569	95	93078	53.932	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	107.860%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.064	59	76	1.051	ug/l	# 73
16) Acetone	4.028	43	5037	4.507	ug/l	87
20) Methylene Chloride	4.793	84	11221	5.657	ug/l	# 90
25) 2-Butanone	7.087	43	1506	3.988	ug/l	# 37
31) Cyclohexane	7.875	56	2634	1.241	ug/l	# 55
36) 1,1-Dichloropropene	7.869	75	8895	3.524	ug/l	# 46
38) Carbon Tetrachloride	7.869	117	10745	4.329	ug/l	# 22
76) 1,2,3-Trichloropropane	12.569	75	52470	44.397	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.569	75	52470	88.296	ug/l	# 17

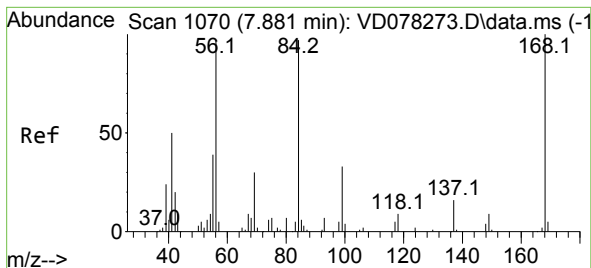
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020824\
Data File : VD078378.D
Acq On : 08 Feb 2024 19:22
Operator : RP/MD
Sample : P1394-01
Misc : 4.75G/5ml/MSVOA_D/SOIL/A
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Feb 09 03:14:01 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D013024S.M
Quant Title : SW846 8260
QLast Update : Thu Feb 01 03:58:19 2024
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.006 min

Lab File: VD078378.D

Acq: 08 Feb 2024 19:22

Instrument :

MSVOA_D

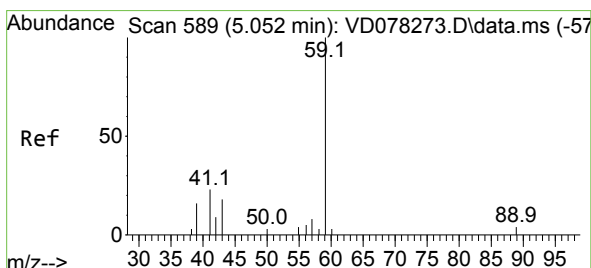
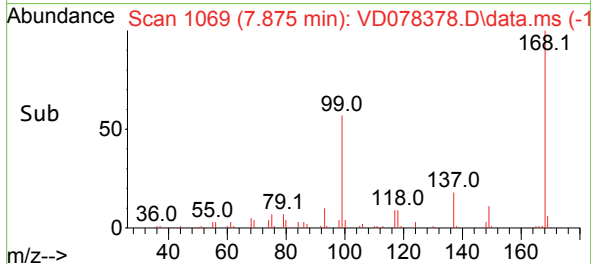
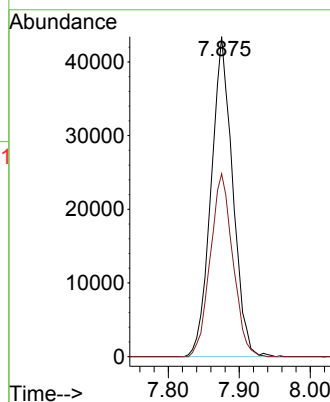
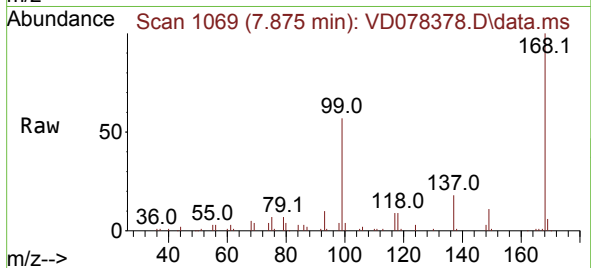
ClientSampleId :

Tgt Ion:168 Resp: 91536

Ion Ratio Lower Upper

168 100

99 57.1 36.7 55.1#



#11

Tert butyl alcohol

Concen: 1.051 ug/l

RT: 5.064 min Scan# 591

Delta R.T. 0.012 min

Lab File: VD078378.D

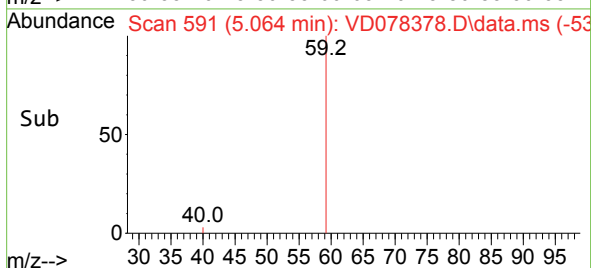
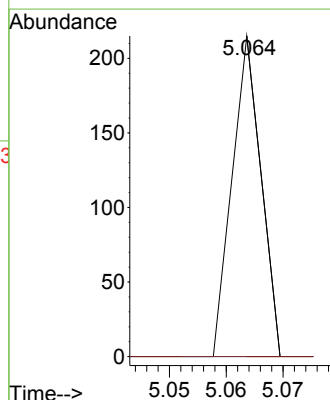
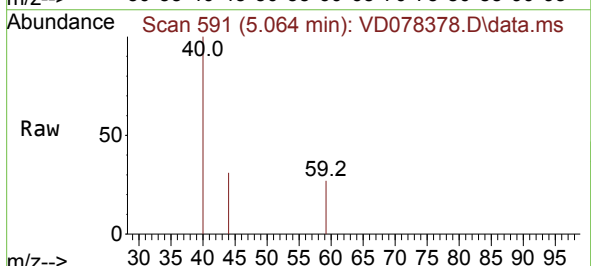
Acq: 08 Feb 2024 19:22

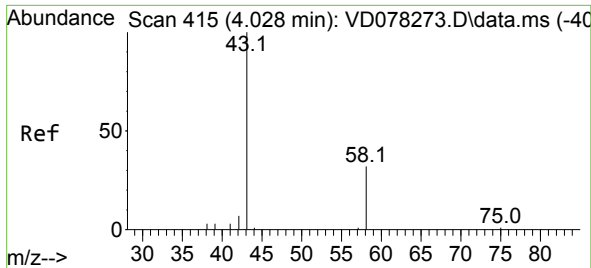
Tgt Ion: 59 Resp: 76

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.8#





#16

Acetone

Concen: 4.507 ug/l

RT: 4.028 min Scan# 415

Delta R.T. 0.000 min

Lab File: VD078378.D

Acq: 08 Feb 2024 19:22

Instrument :

MSVOA_D

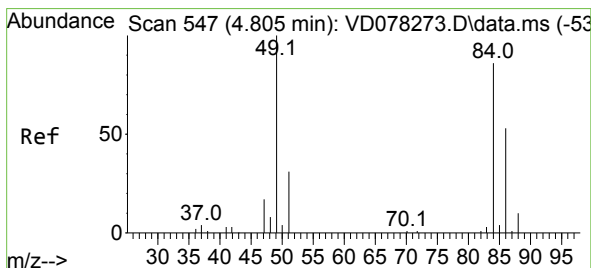
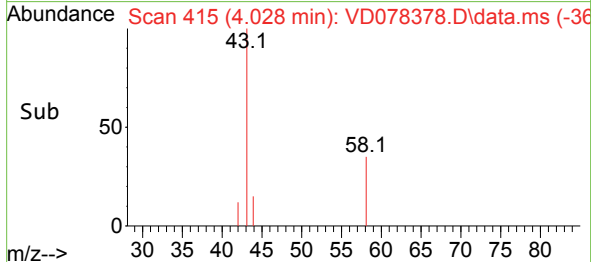
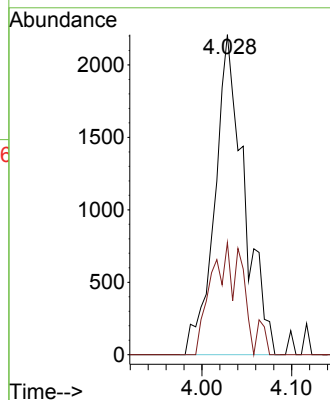
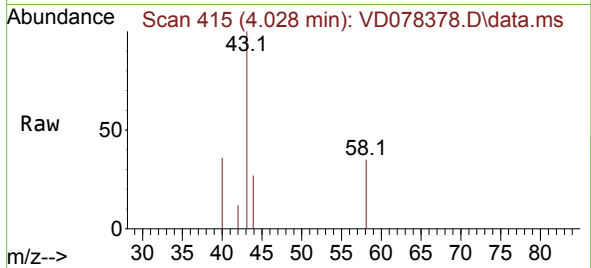
ClientSampleId :

Tgt Ion: 43 Resp: 5037

Ion Ratio Lower Upper

43 100

58 35.1 34.7 52.1



#20

Methylene Chloride

Concen: 5.657 ug/l

RT: 4.793 min Scan# 545

Delta R.T. -0.012 min

Lab File: VD078378.D

Acq: 08 Feb 2024 19:22

Tgt Ion: 84 Resp: 11221

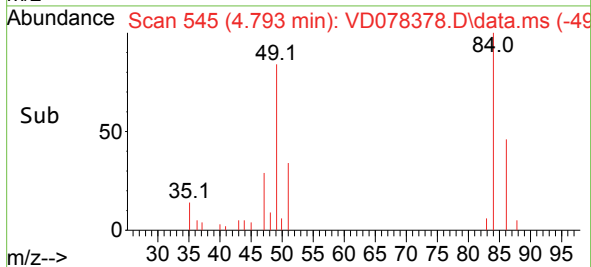
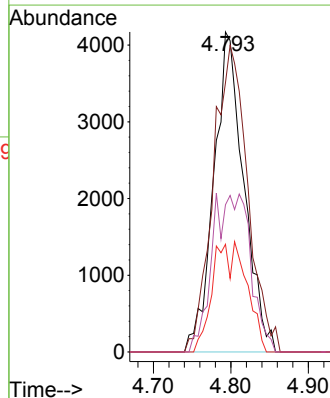
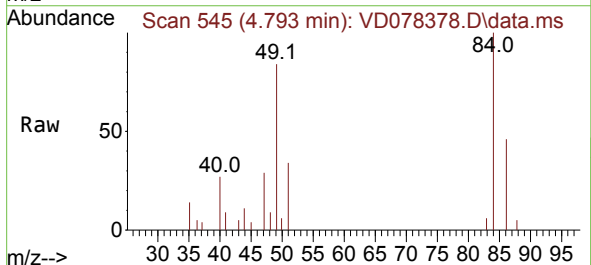
Ion Ratio Lower Upper

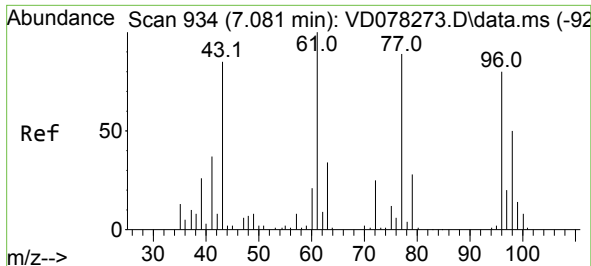
84 100

49 84.1 71.4 107.2

51 33.7 24.5 36.7

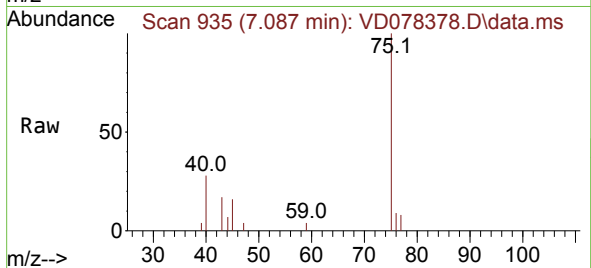
86 46.0 48.7 73.1#



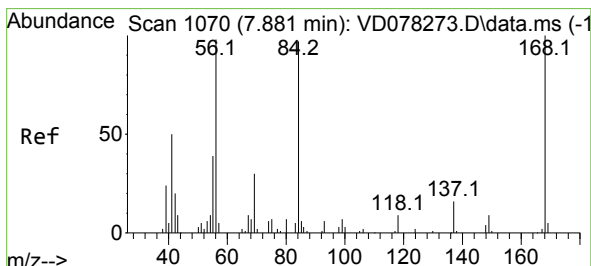
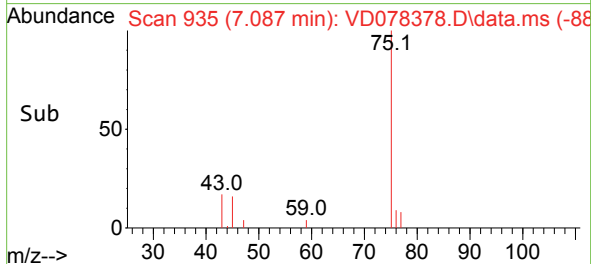
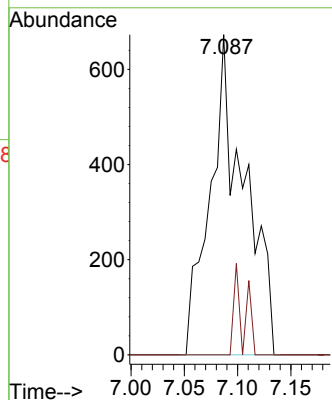


#25
2-Butanone
Concen: 3.988 ug/l
RT: 7.087 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD078378.D
Acq: 08 Feb 2024 19:22

Instrument :
MSVOA_D
ClientSampleId :

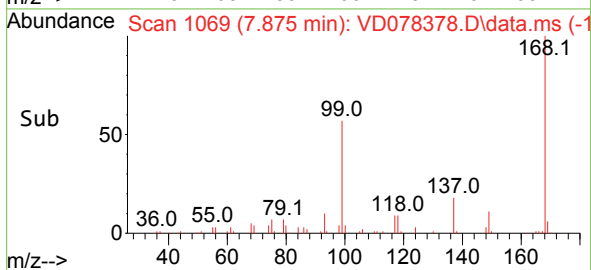
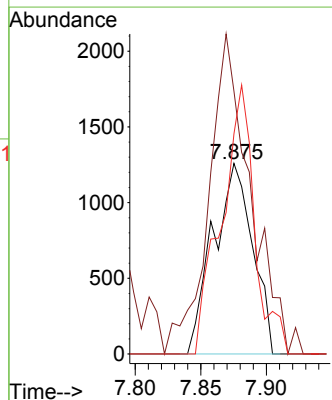
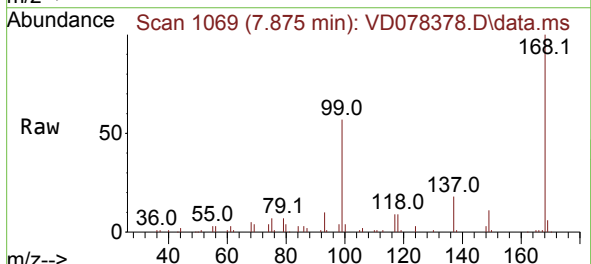


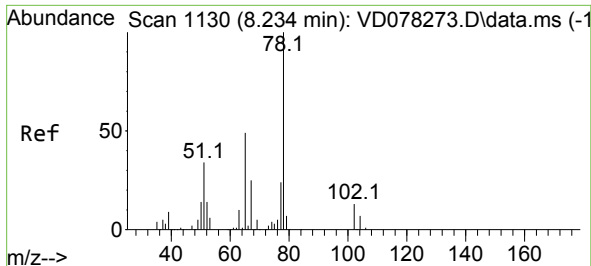
Tgt Ion: 43 Resp: 1506
Ion Ratio Lower Upper
43 100
72 0.0 30.7 46.1#



#31
Cyclohexane
Concen: 1.241 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD078378.D
Acq: 08 Feb 2024 19:22

Tgt Ion: 56 Resp: 2634
Ion Ratio Lower Upper
56 100
69 123.2 28.6 43.0#
84 115.6 84.8 127.2





#33

1,2-Dichloroethane-d4

Concen: 50.860 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD078378.D

Acq: 08 Feb 2024 19:22

Instrument :

MSVOA_D

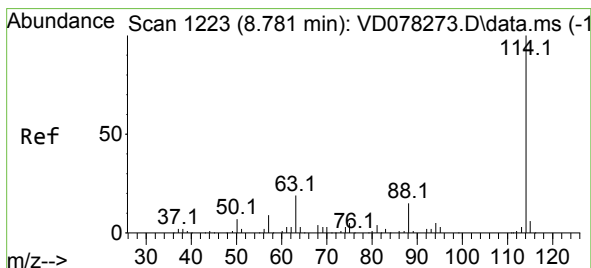
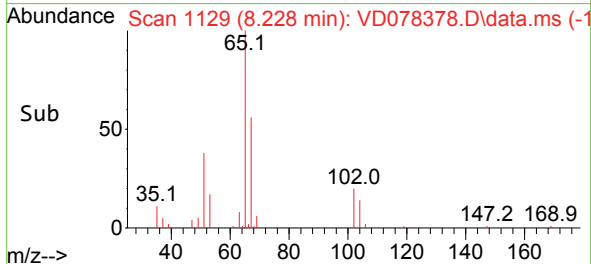
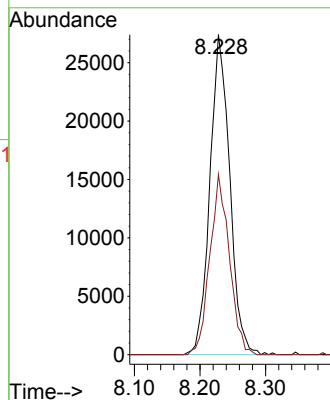
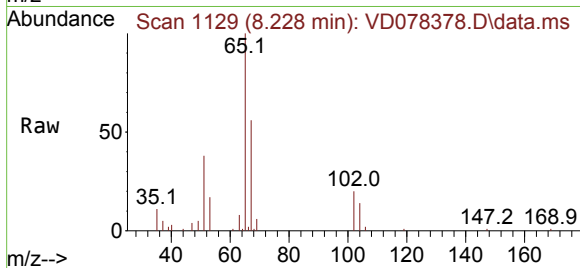
ClientSampleId :

Tgt Ion: 65 Resp: 57632

Ion Ratio Lower Upper

65 100

67 55.5 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.006 min

Lab File: VD078378.D

Acq: 08 Feb 2024 19:22

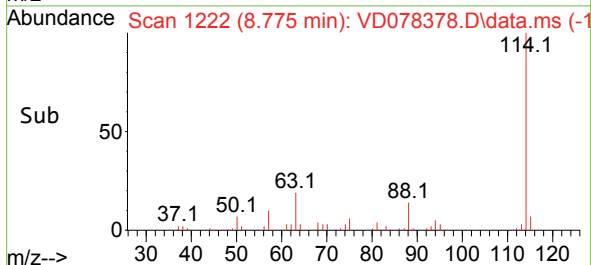
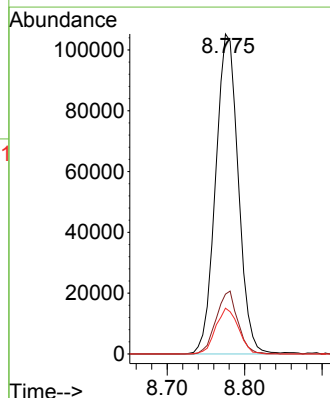
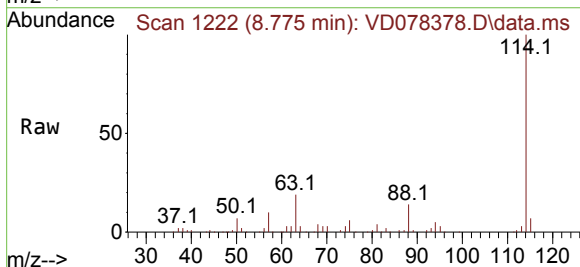
Tgt Ion: 114 Resp: 213807

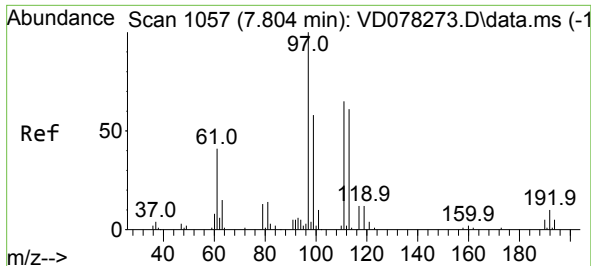
Ion Ratio Lower Upper

114 100

63 18.7 0.0 33.4

88 14.3 0.0 26.2





#35

Dibromofluoromethane

Concen: 47.431 ug/l

RT: 7.811 min Scan# 1058

Delta R.T. 0.006 min

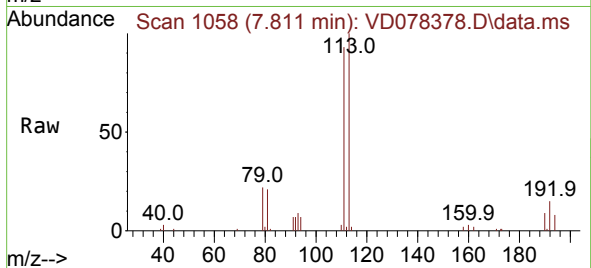
Lab File: VD078378.D

Acq: 08 Feb 2024 19:22

Instrument :

MSVOA_D

ClientSampleId :



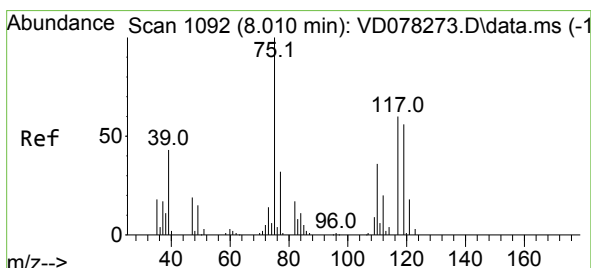
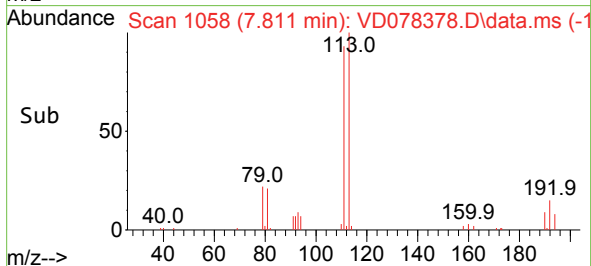
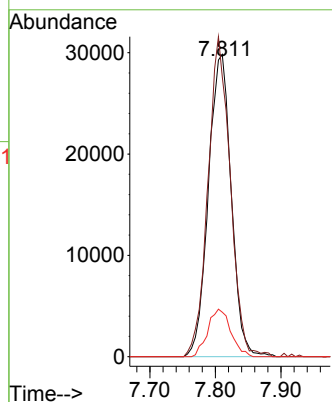
Tgt Ion:113 Resp: 72197

Ion Ratio Lower Upper

113 100

111 103.2 84.7 127.1

192 15.8 16.8 25.2#



#36

1,1-Dichloropropene

Concen: 3.524 ug/l

RT: 7.869 min Scan# 1068

Delta R.T. -0.141 min

Lab File: VD078378.D

Acq: 08 Feb 2024 19:22

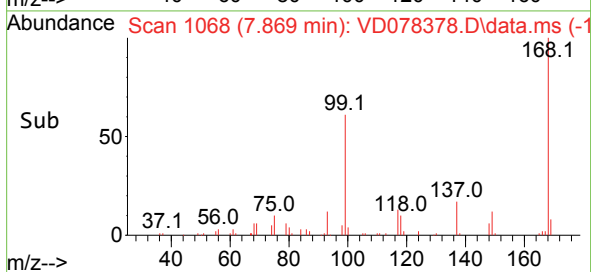
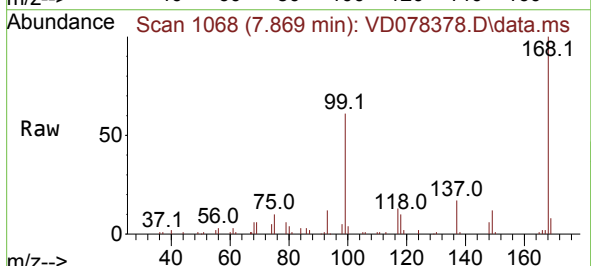
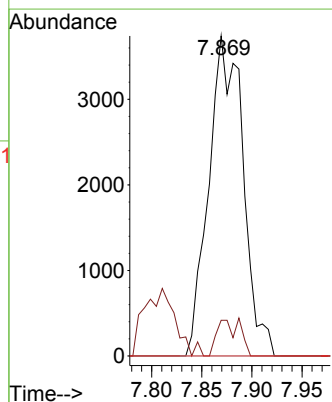
Tgt Ion: 75 Resp: 8895

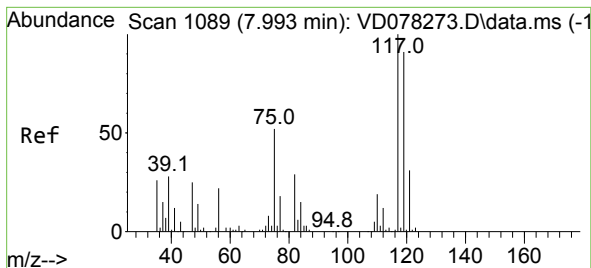
Ion Ratio Lower Upper

75 100

110 7.6 19.9 59.6#

77 0.0 24.7 37.1#





#38

Carbon Tetrachloride

Concen: 4.329 ug/l

RT: 7.869 min Scan# 1068

Delta R.T. -0.123 min

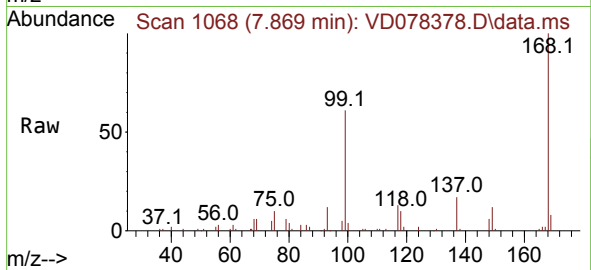
Lab File: VD078378.D

Acq: 08 Feb 2024 19:22

Instrument :

MSVOA_D

ClientSampleId :



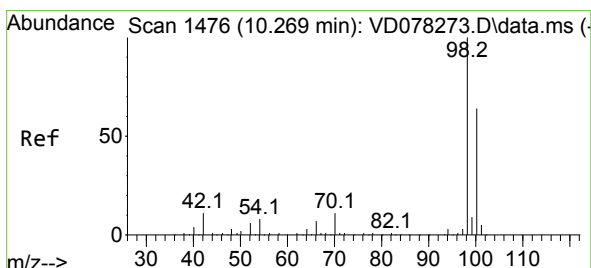
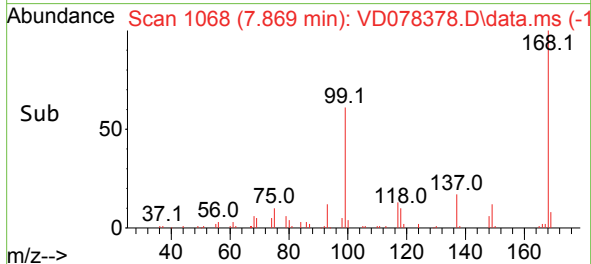
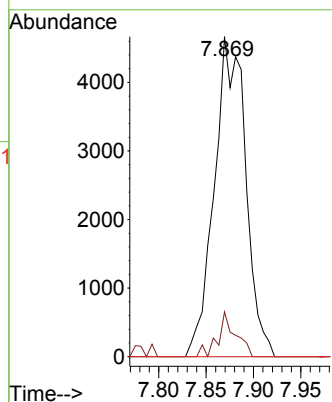
Tgt Ion:117 Resp: 10745

Ion Ratio Lower Upper

117 100

119 14.0 78.0 117.0#

121 0.0 24.2 36.2#



#50

Toluene-d8

Concen: 48.852 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD078378.D

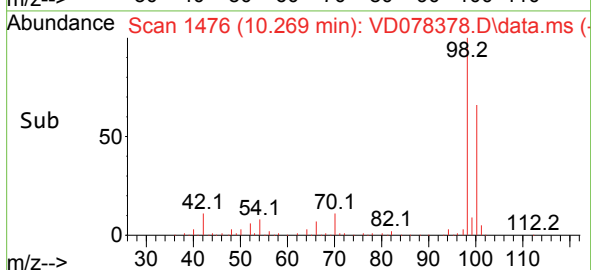
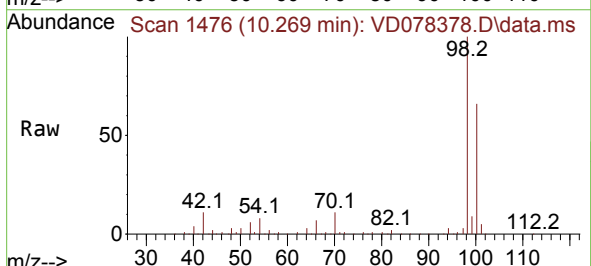
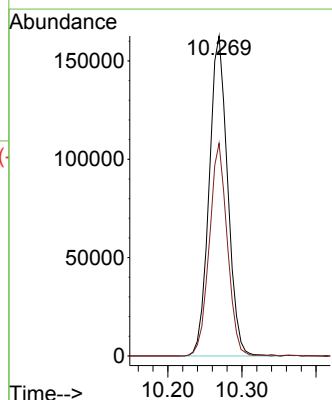
Acq: 08 Feb 2024 19:22

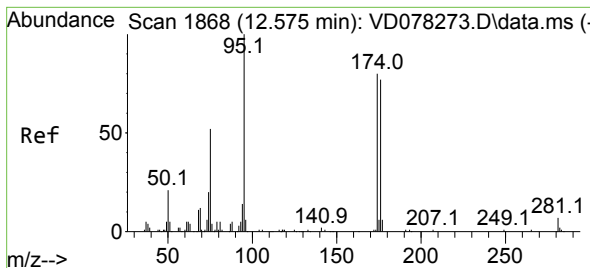
Tgt Ion: 98 Resp: 281533

Ion Ratio Lower Upper

98 100

100 64.6 50.3 75.5

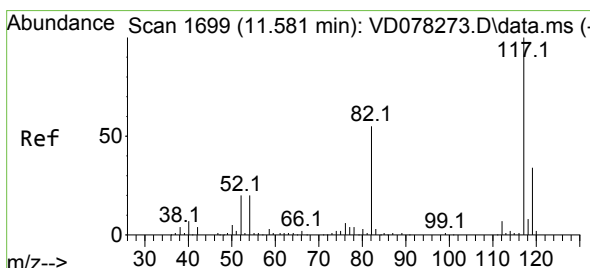
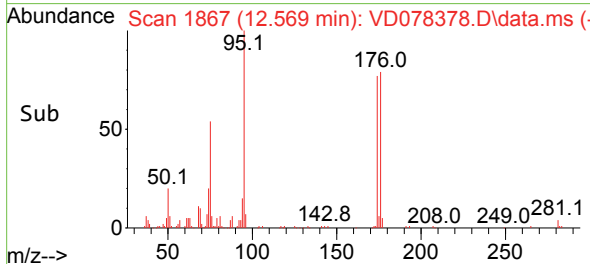
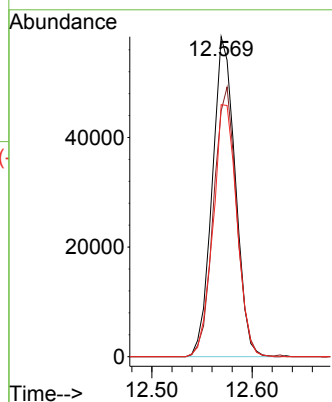
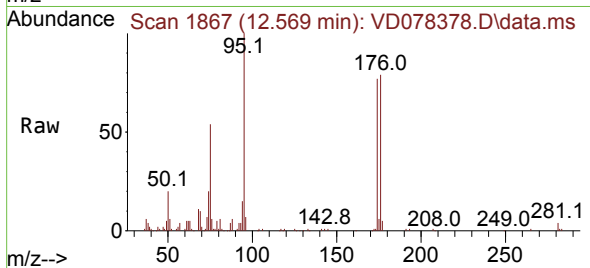




#62
4-Bromofluorobenzene
Concen: 53.932 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VD078378.D
Acq: 08 Feb 2024 19:22

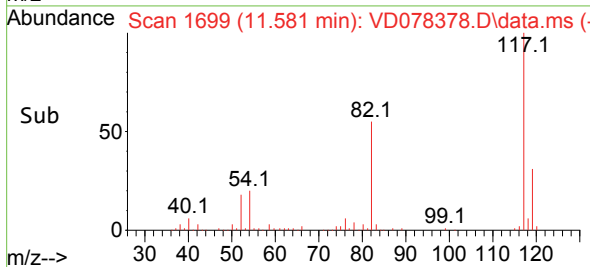
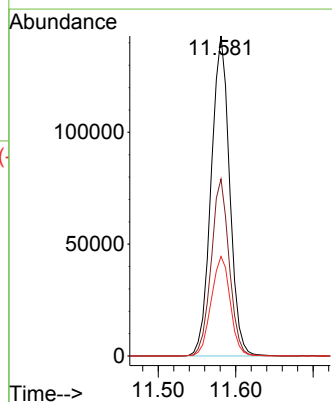
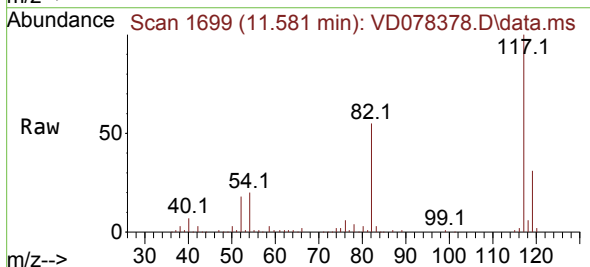
Instrument :
MSVOA_D
ClientSampleId :

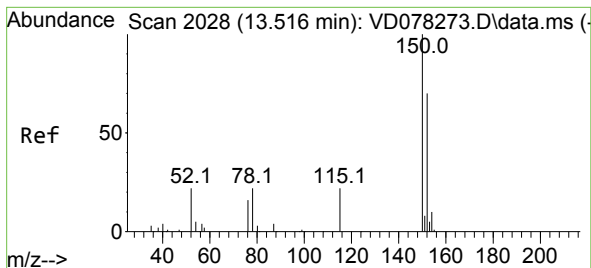
Tgt Ion:	95	Resp:	93078
Ion Ratio	Lower	Upper	
95	100		
174	84.4	0.0	201.8
176	81.5	0.0	191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD078378.D
Acq: 08 Feb 2024 19:22

Tgt Ion:	117	Resp:	236718
Ion Ratio	Lower	Upper	
117	100		
82	55.3	38.3	57.5
119	31.1	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

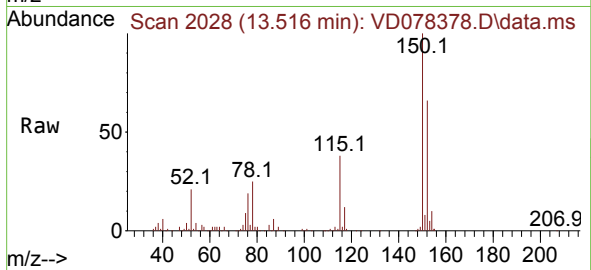
Lab File: VD078378.D

Acq: 08 Feb 2024 19:22

Instrument :

MSVOA_D

ClientSampleId :



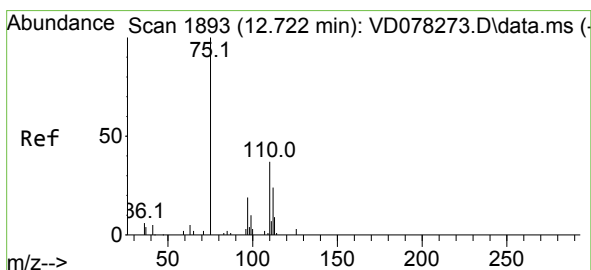
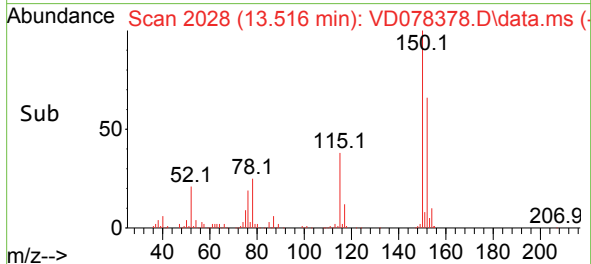
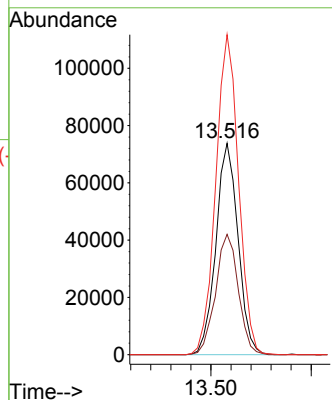
Tgt Ion:152 Resp: 113075

Ion Ratio Lower Upper

152 100

115 58.4 27.1 81.3

150 155.7 0.0 353.6



#76

1,2,3-Trichloropropane

Concen: 44.397 ug/l

RT: 12.569 min Scan# 1867

Delta R.T. -0.153 min

Lab File: VD078378.D

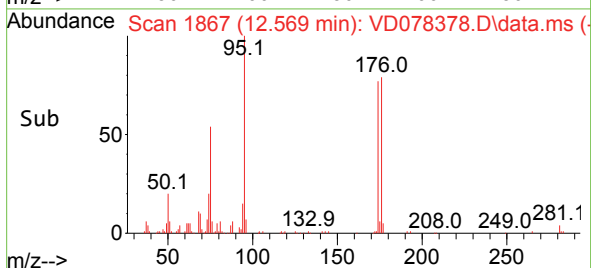
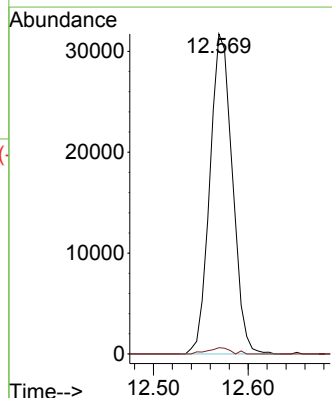
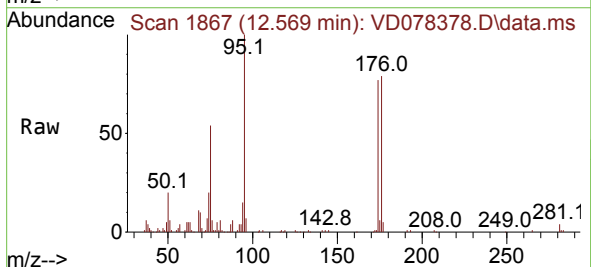
Acq: 08 Feb 2024 19:22

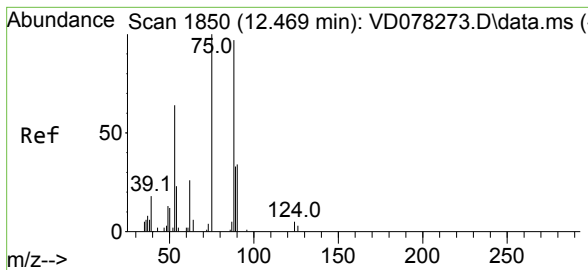
Tgt Ion: 75 Resp: 52470

Ion Ratio Lower Upper

75 100

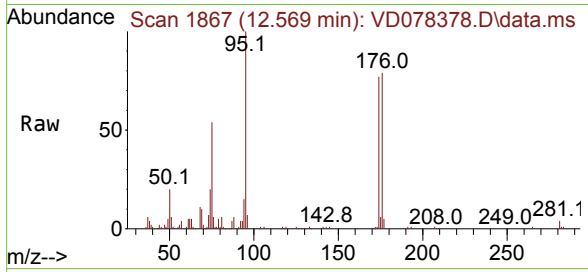
77 2.0 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 88.296 ug/l
RT: 12.569 min Scan# 11
Delta R.T. 0.100 min
Lab File: VD078378.D
Acq: 08 Feb 2024 19:22

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion:	75	Resp:	52470
Ion	Ratio	Lower	Upper
75	100		
53	0.2	63.0	94.4#
89	0.0	37.9	56.9#

