

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092923\
 Data File : VD077251.D
 Acq On : 29 Sep 2023 18:20
 Operator : JC/SY
 Sample : 04668-07RE
 Misc : 5.03G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Sep 30 04:46:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D091823S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 19 04:46:37 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	149861	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	325572	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	397059	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	135138	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	87406	57.792	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.580%
35) Dibromofluoromethane	7.805	113	113205	50.060	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.120%
50) Toluene-d8	10.269	98	412704	51.272	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	102.540%
62) 4-Bromofluorobenzene	12.575	95	148374	59.473	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	118.940%

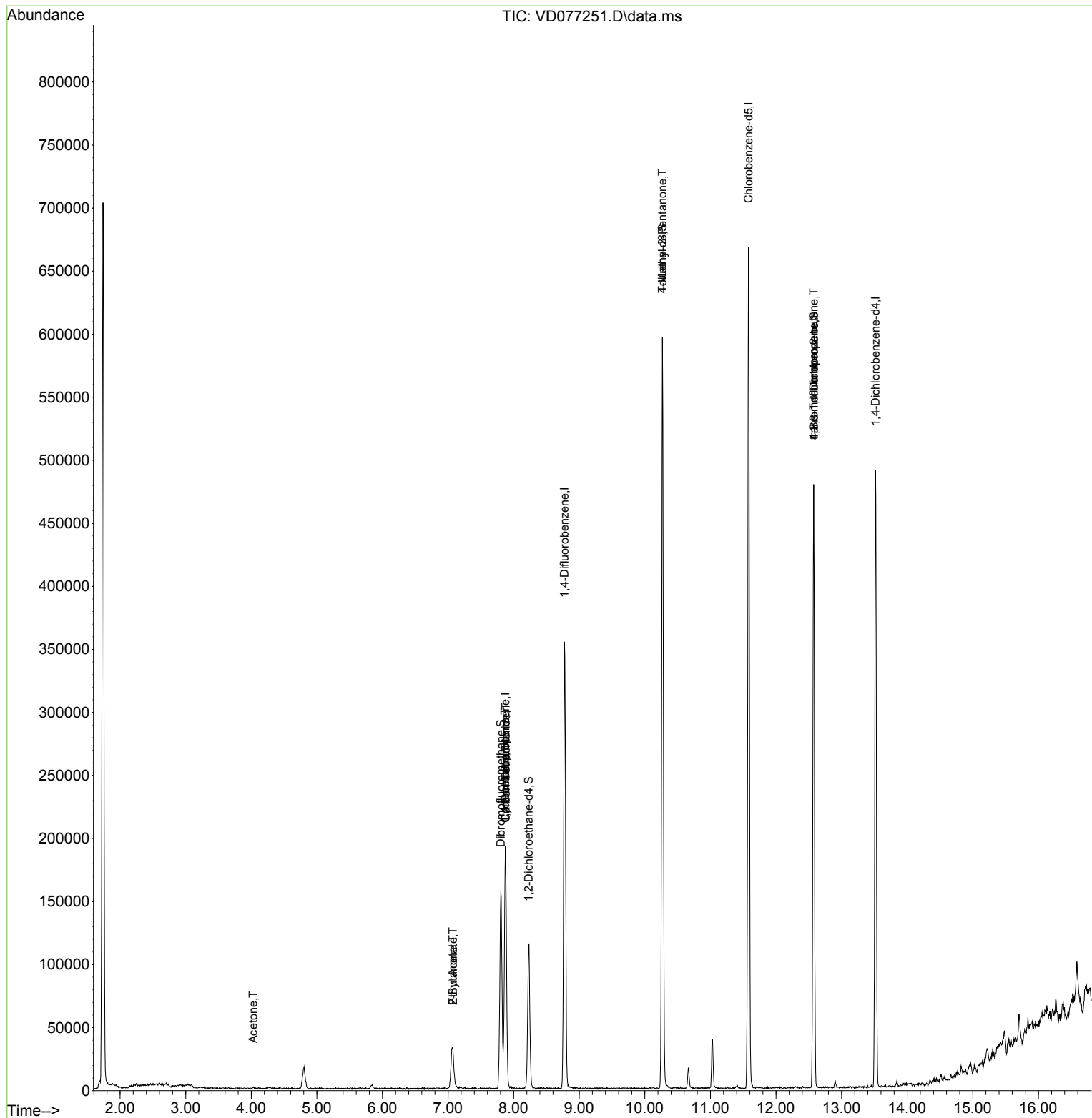
Target Compounds					Qvalue	
16) Acetone	4.028	43	676	1.956	ug/l #	32
20) Methylene Chloride	4.799	84	12609	Below Cal		98
25) 2-Butanone	7.075	43	1468	3.228	ug/l #	37
31) Cyclohexane	7.869	56	2973	1.124	ug/l #	40
36) 1,1-Dichloropropene	7.869	75	11454	3.363	ug/l #	49
37) Ethyl Acetate	7.075	43	1468	1.123	ug/l #	44
38) Carbon Tetrachloride	7.881	117	14249	4.257	ug/l #	17
51) 4-Methyl-2-Pentanone	10.269	43	1572	1.249	ug/l #	1
76) 1,2,3-Trichloropropane	12.575	75	74453	69.068	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	74453	130.733	ug/l #	17

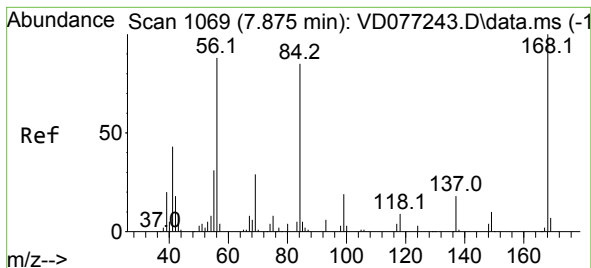
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VD077251.D
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Operator : JC/SY
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MSVOA_D
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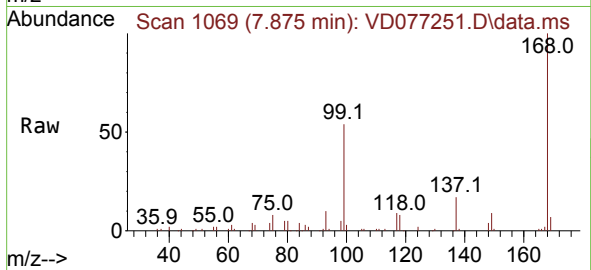
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D091823S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 19 04:46:37 2023
Response via : Initial Calibration



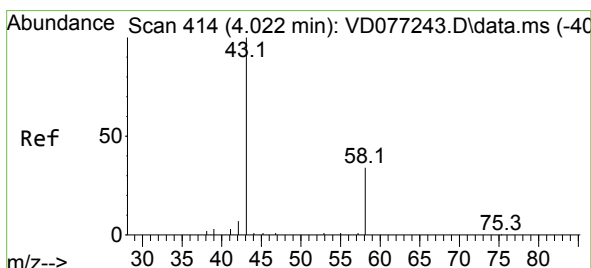
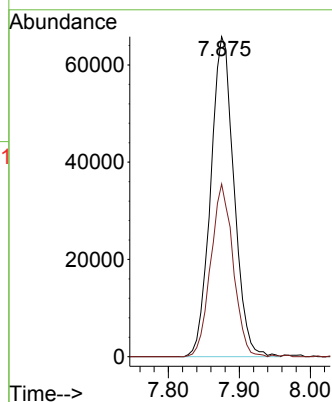
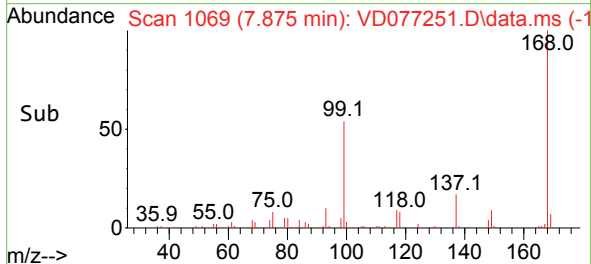


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD077251.D
Acq: 29 Sep 2023 18:20

Instrument :
MSVOA_D
ClientSampleId :

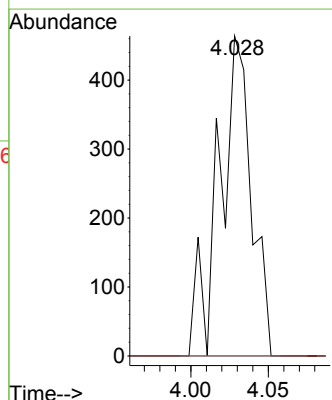
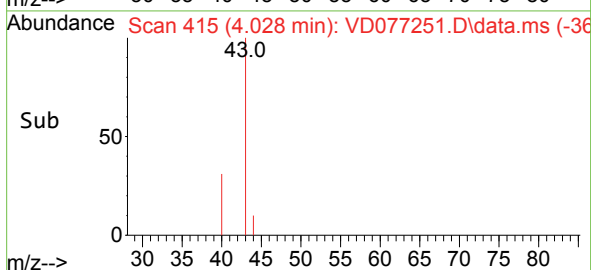
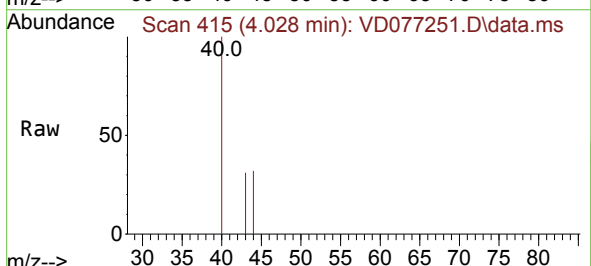


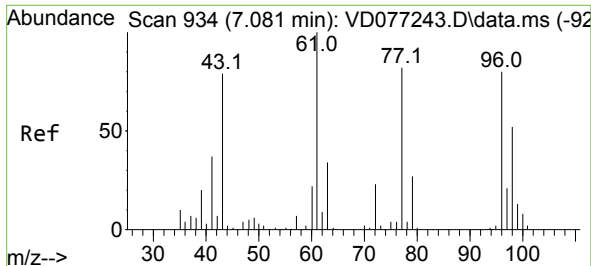
Tgt Ion:168 Resp: 149861
Ion Ratio Lower Upper
168 100
99 54.0 36.7 55.1



#16
Acetone
Concen: 1.956 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.006 min
Lab File: VD077251.D
Acq: 29 Sep 2023 18:20

Tgt Ion: 43 Resp: 676
Ion Ratio Lower Upper
43 100
58 0.0 34.7 52.1#





#25

2-Butanone

Concen: 3.228 ug/l

RT: 7.075 min Scan# 91

Delta R.T. -0.006 min

Lab File: VD077251.D

Acq: 29 Sep 2023 18:20

Instrument :

MSVOA_D

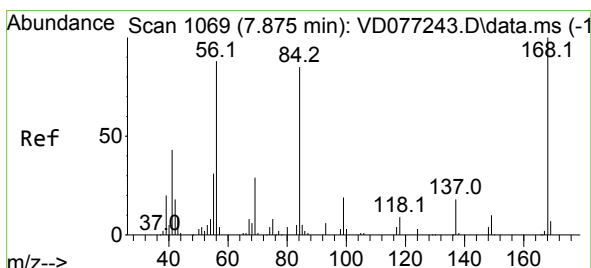
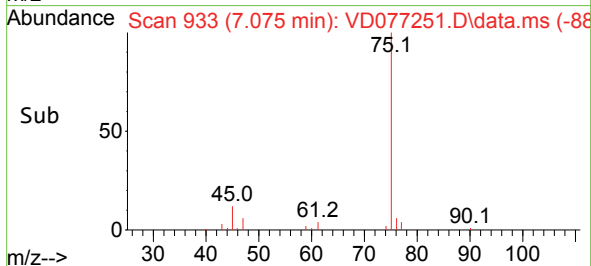
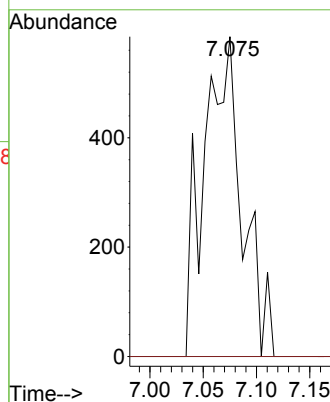
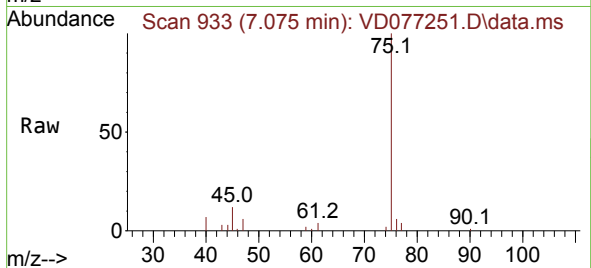
ClientSampleId :

Tgt Ion: 43 Resp: 1468

Ion Ratio Lower Upper

43 100

72 0.0 30.7 46.1#



#31

Cyclohexane

Concen: 1.124 ug/l

RT: 7.869 min Scan# 1068

Delta R.T. -0.012 min

Lab File: VD077251.D

Acq: 29 Sep 2023 18:20

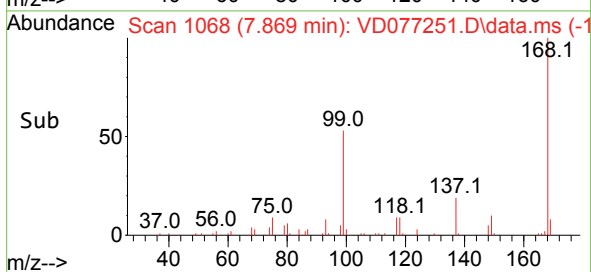
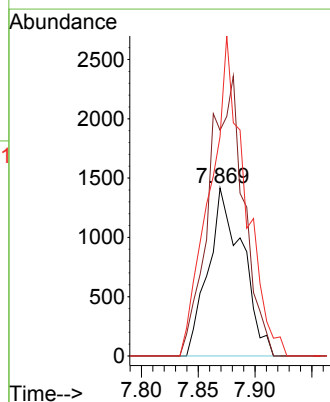
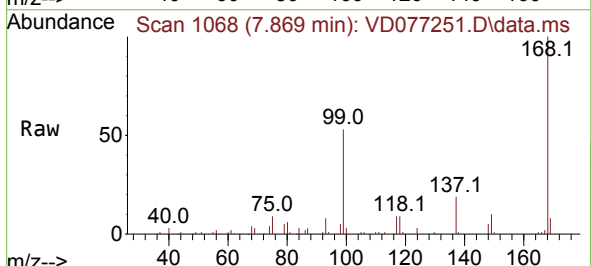
Tgt Ion: 56 Resp: 2973

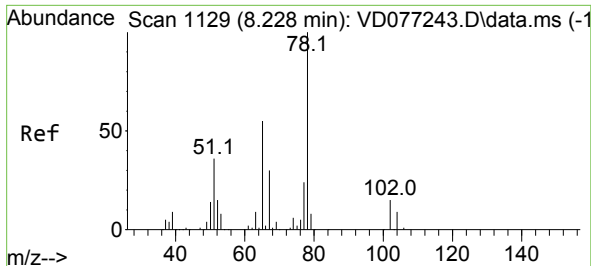
Ion Ratio Lower Upper

56 100

69 134.4 28.6 43.0#

84 130.6 84.8 127.2#





#33

1,2-Dichloroethane-d4

Concen: 57.792 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD077251.D

Acq: 29 Sep 2023 18:20

Instrument :

MSVOA_D

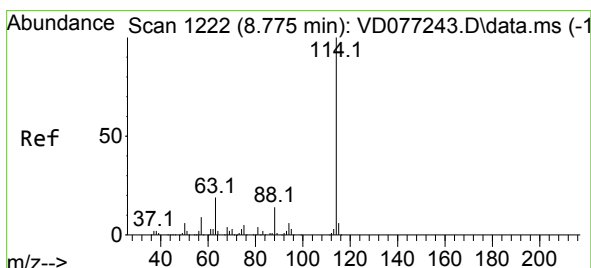
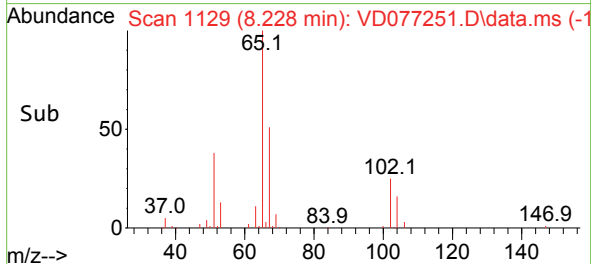
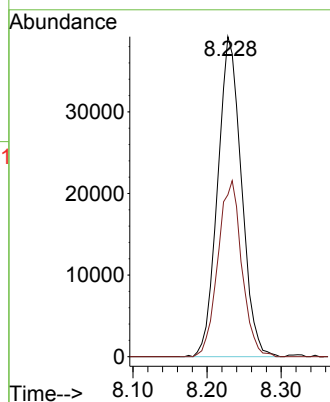
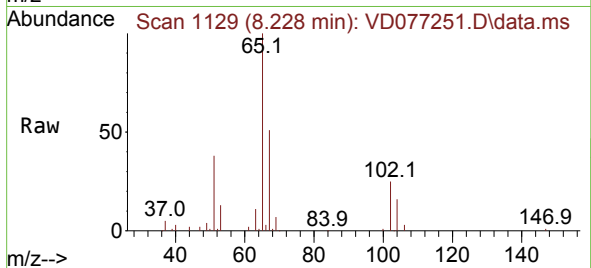
ClientSampleId :

Tgt Ion: 65 Resp: 87406

Ion Ratio Lower Upper

65 100

67 55.1 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD077251.D

Acq: 29 Sep 2023 18:20

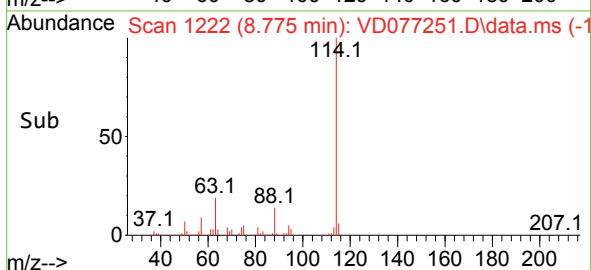
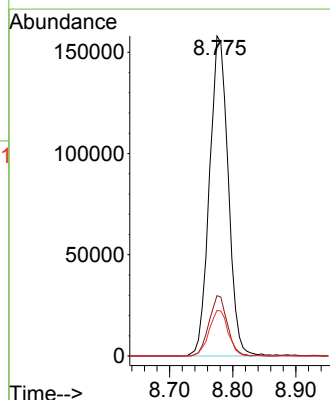
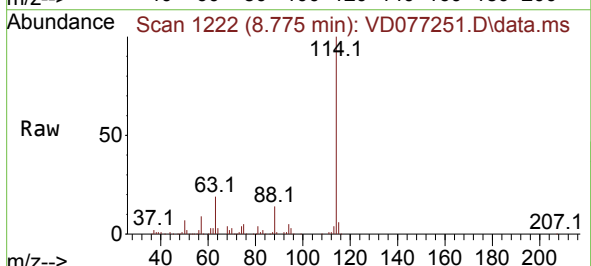
Tgt Ion: 114 Resp: 325572

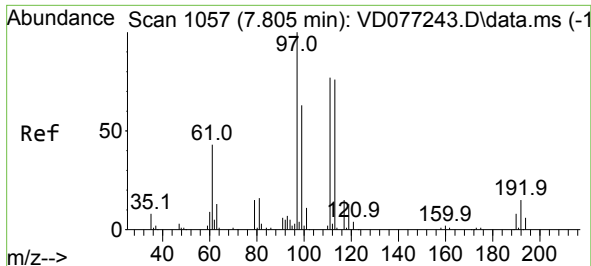
Ion Ratio Lower Upper

114 100

63 18.9 0.0 33.4

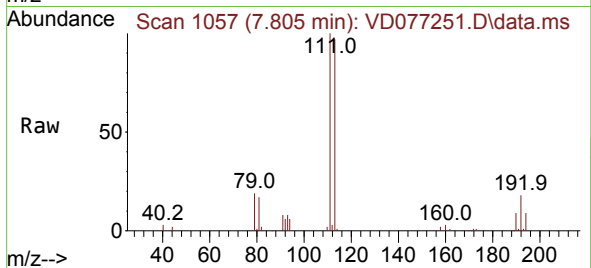
88 14.2 0.0 26.2



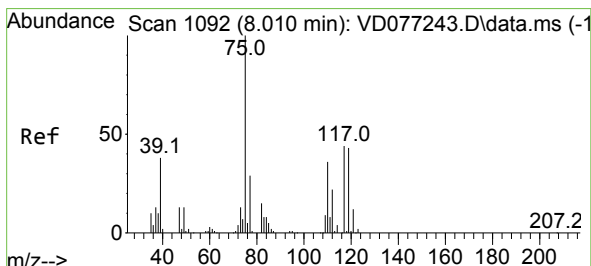
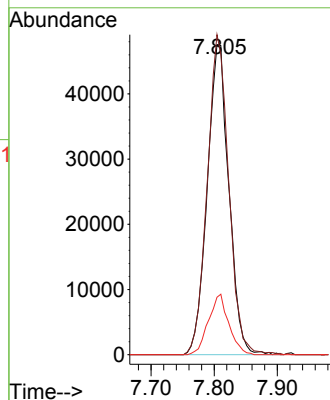
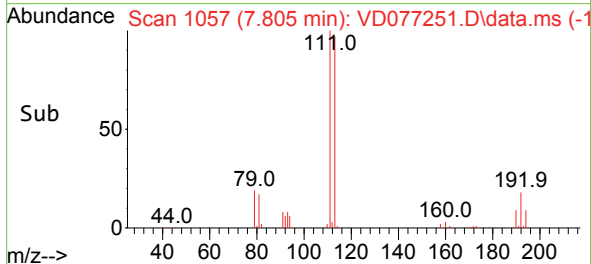


#35
Dibromofluoromethane
Concen: 50.060 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VD077251.D
Acq: 29 Sep 2023 18:20

Instrument :
MSVOA_D
ClientSampleId :

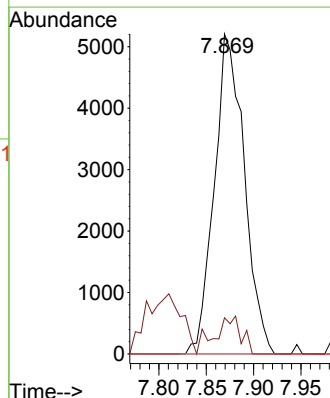
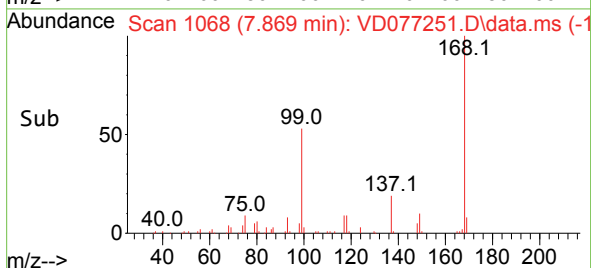
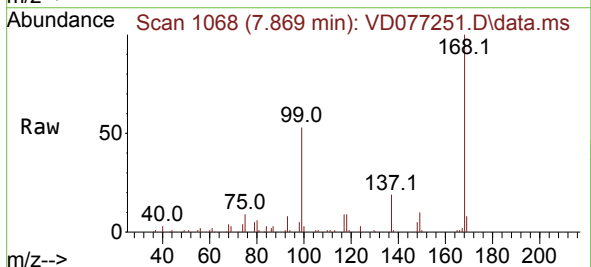


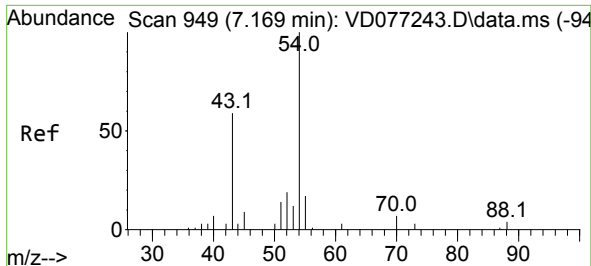
Tgt Ion:113 Resp: 113205
Ion Ratio Lower Upper
113 100
111 102.6 84.7 127.1
192 18.3 16.8 25.2



#36
1,1-Dichloropropene
Concen: 3.363 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.141 min
Lab File: VD077251.D
Acq: 29 Sep 2023 18:20

Tgt Ion: 75 Resp: 11454
Ion Ratio Lower Upper
75 100
110 10.4 19.9 59.6#
77 0.0 24.7 37.1#

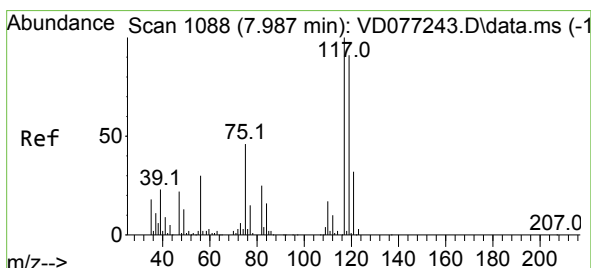
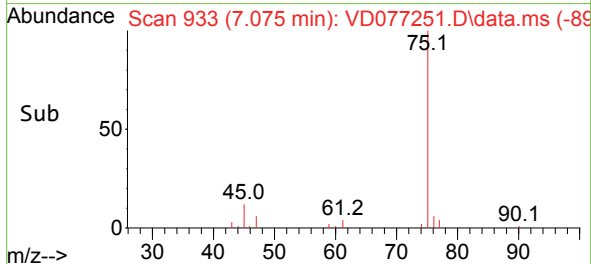
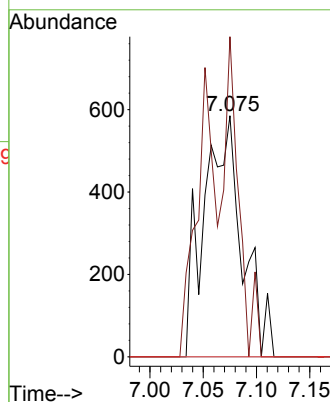
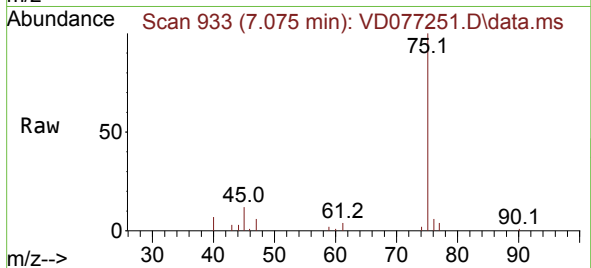




#37
Ethyl Acetate
Concen: 1.123 ug/l
RT: 7.075 min Scan# 91
Delta R.T. -0.094 min
Lab File: VD077251.D
Acq: 29 Sep 2023 18:20

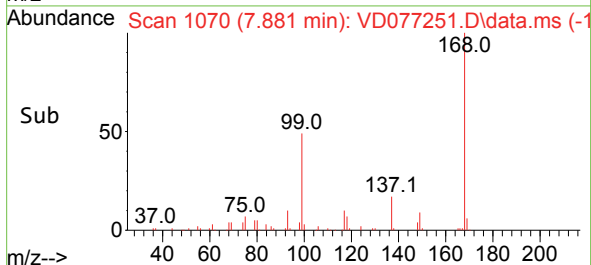
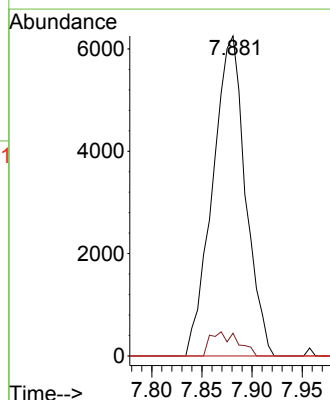
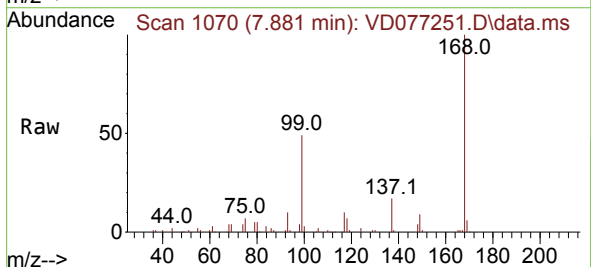
Instrument :
MSVOA_D
ClientSampleId :

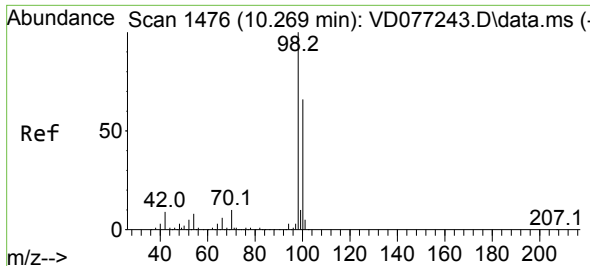
Tgt Ion: 43 Resp: 1468
Ion Ratio Lower Upper
43 100
61 51.1 14.9 22.3#
70 0.0 10.0 15.0#



#38
Carbon Tetrachloride
Concen: 4.257 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.112 min
Lab File: VD077251.D
Acq: 29 Sep 2023 18:20

Tgt Ion: 117 Resp: 14249
Ion Ratio Lower Upper
117 100
119 7.1 78.0 117.0#
121 0.0 24.2 36.2#

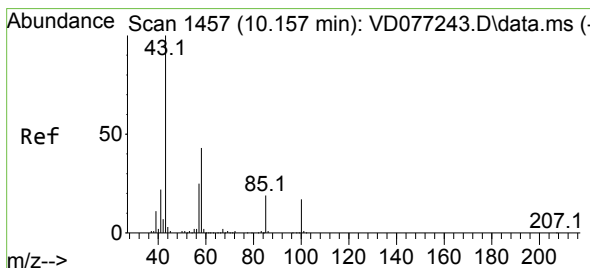
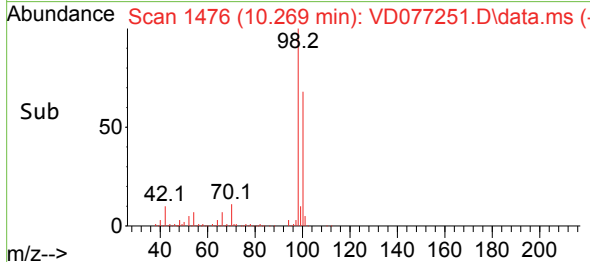
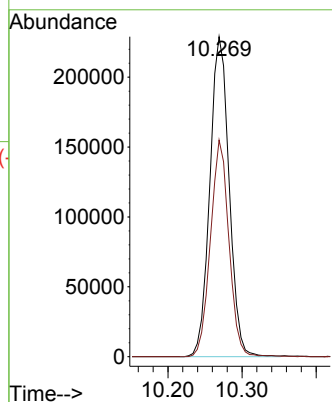
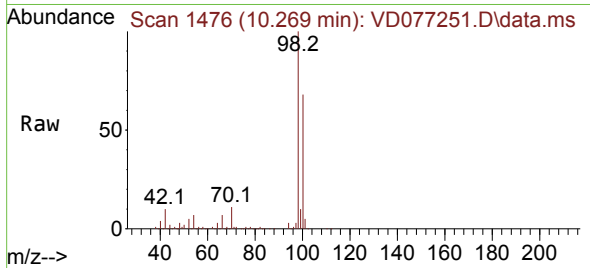




#50
Toluene-d8
Concen: 51.272 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD077251.D
Acq: 29 Sep 2023 18:20

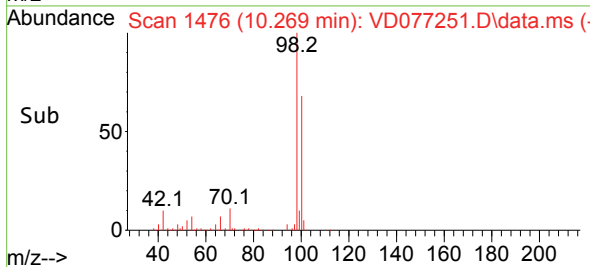
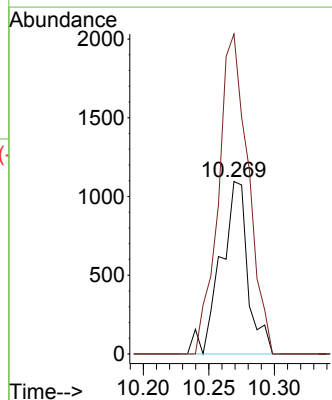
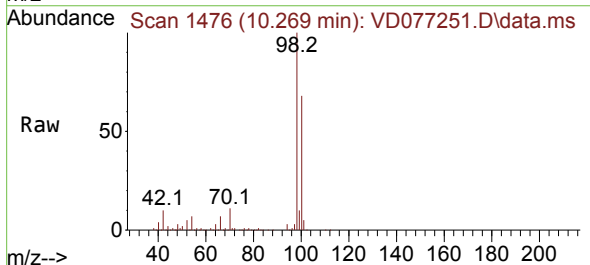
Instrument :
MSVOA_D
ClientSampleId :

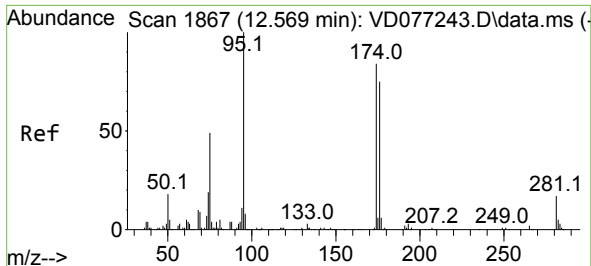
Tgt Ion: 98 Resp: 412704
Ion Ratio Lower Upper
98 100
100 65.0 50.3 75.5



#51
4-Methyl-2-Pentanone
Concen: 1.249 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.112 min
Lab File: VD077251.D
Acq: 29 Sep 2023 18:20

Tgt Ion: 43 Resp: 1572
Ion Ratio Lower Upper
43 100
58 204.4 38.9 58.3#

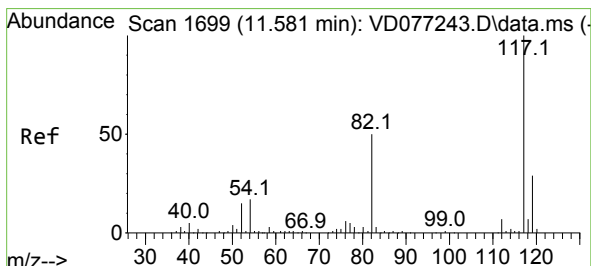
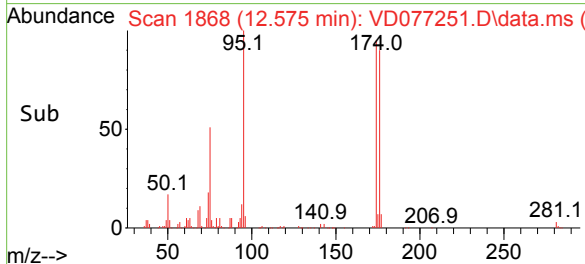
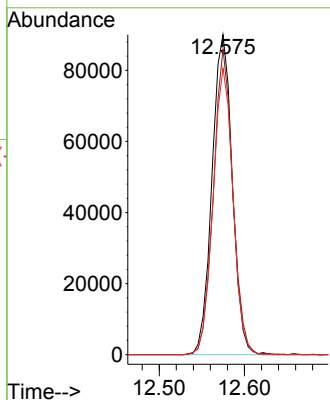
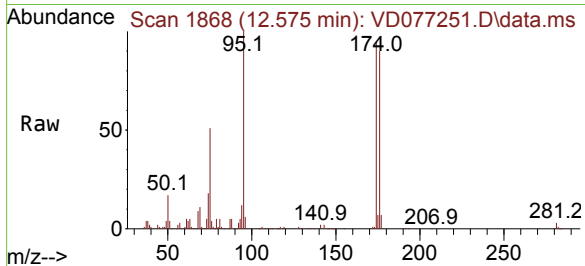




#62
4-Bromofluorobenzene
Concen: 59.473 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD077251.D
Acq: 29 Sep 2023 18:20

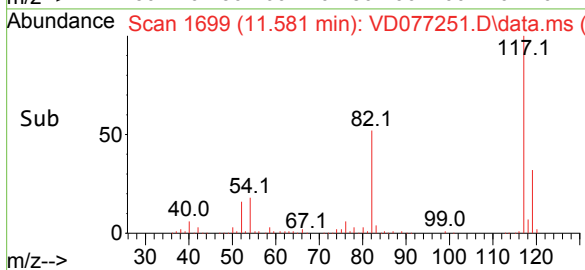
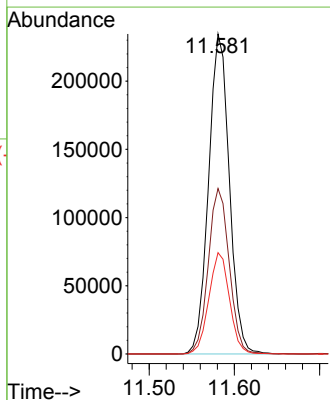
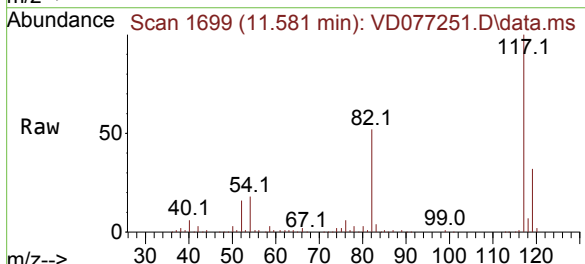
Instrument :
MSVOA_D
ClientSampleId :

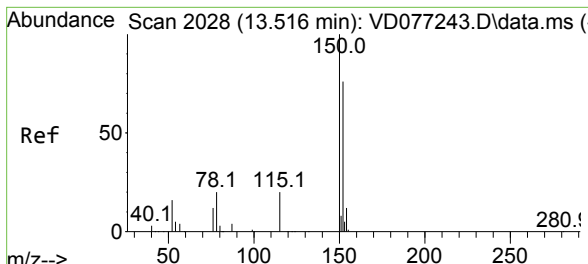
Tgt Ion: 95 Resp: 148374
Ion Ratio Lower Upper
95 100
174 91.8 0.0 201.8
176 87.9 0.0 191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD077251.D
Acq: 29 Sep 2023 18:20

Tgt Ion: 117 Resp: 397059
Ion Ratio Lower Upper
117 100
82 51.7 38.3 57.5
119 31.6 25.0 37.4

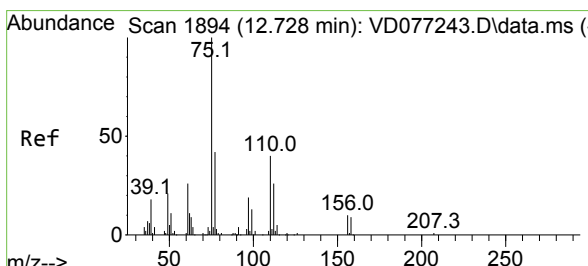
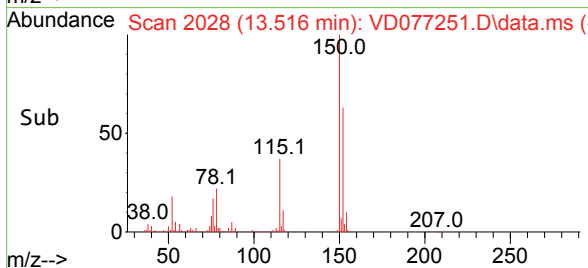
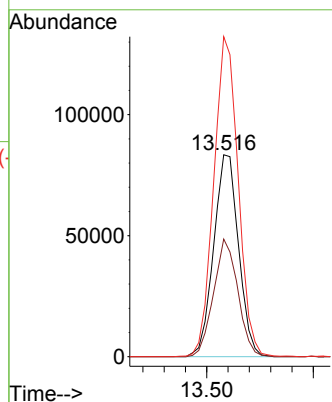
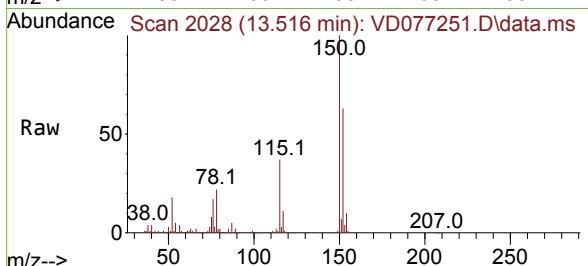




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VD077251.D
 Acq: 29 Sep 2023 18:20

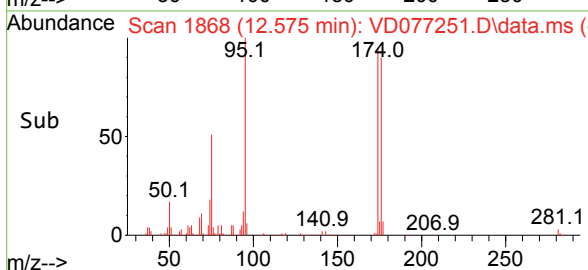
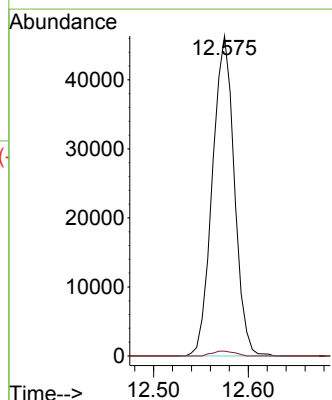
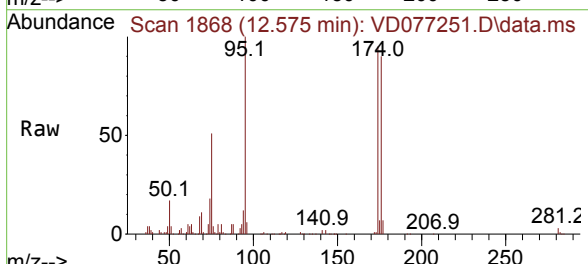
Instrument :
 MSVOA_D
 ClientSampleId :

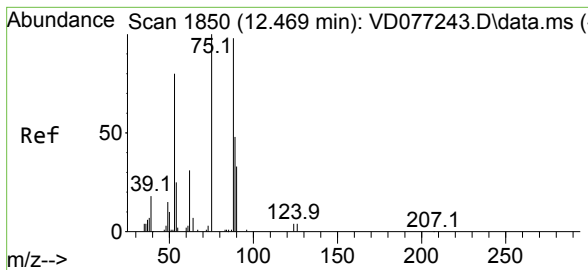
Tgt Ion:152 Resp: 135138
 Ion Ratio Lower Upper
 152 100
 115 56.8 27.1 81.3
 150 155.7 0.0 353.6



#76
 1,2,3-Trichloropropane
 Concen: 69.068 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. -0.153 min
 Lab File: VD077251.D
 Acq: 29 Sep 2023 18:20

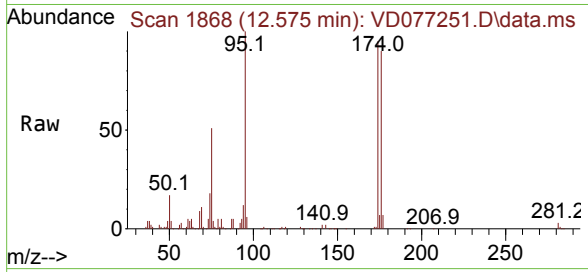
Tgt Ion: 75 Resp: 74453
 Ion Ratio Lower Upper
 75 100
 77 1.6 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 130.733 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. 0.106 min
 Lab File: VD077251.D
 Acq: 29 Sep 2023 18:20

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion:	75	Resp:	74453
Ion	Ratio	Lower	Upper
75	100		
53	0.1	63.0	94.4#
89	0.0	37.9	56.9#

