

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102523\
 Data File : VD077407.D
 Acq On : 25 Oct 2023 11:41
 Operator : JC/SY
 Sample : VD1025SBL01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Oct 26 06:57:06 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)

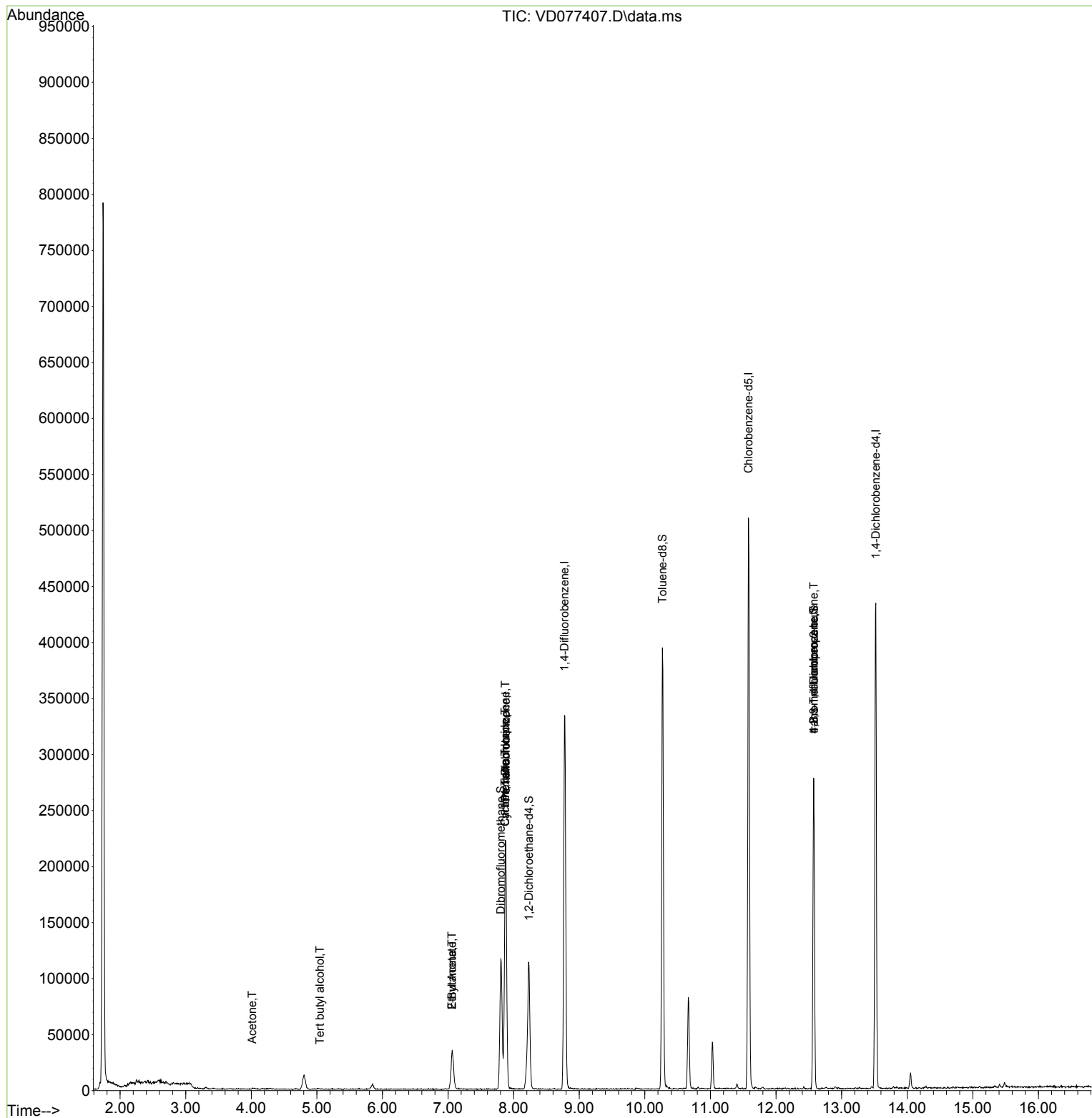
Internal Standards						
1) Pentafluorobenzene	7.881	168	179340	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	334270	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	329960	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	126008	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	82375	51.439	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	102.880%
35) Dibromofluoromethane	7.804	113	87953	37.452	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	74.900%
50) Toluene-d8	10.269	98	292973	34.835	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	69.660%
62) 4-Bromofluorobenzene	12.575	95	79769	32.949	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	65.900%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.046	59	311	3.452	ug/l #	73
16) Acetone	4.016	43	455	1.296	ug/l #	32
25) 2-Butanone	7.057	43	1282	3.519	ug/l #	37
31) Cyclohexane	7.869	56	3881	1.558	ug/l #	44
36) 1,1-Dichloropropene	7.875	75	12970	4.203	ug/l #	50
37) Ethyl Acetate	7.057	43	1282	1.323	ug/l #	1
38) Carbon Tetrachloride	7.869	117	17365	5.059	ug/l #	15
76) 1,2,3-Trichloropropane	12.575	75	40345	25.032	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	40345	85.793	ug/l #	17

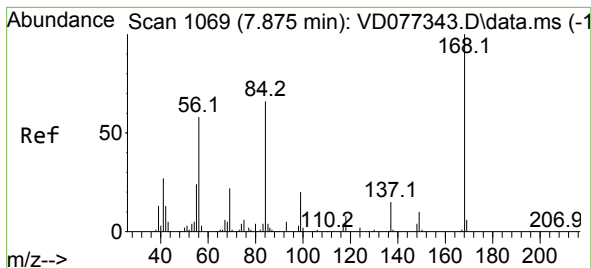
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 7.881 min Scan# 1

Delta R.T. 0.006 min

Lab File: VD077407.D

Acq: 25 Oct 2023 11:41

Instrument :

MSVOA_D

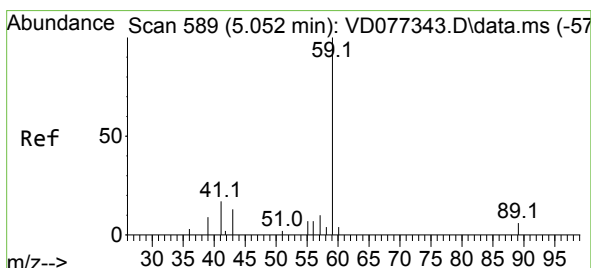
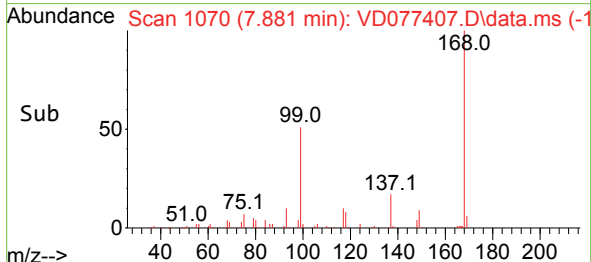
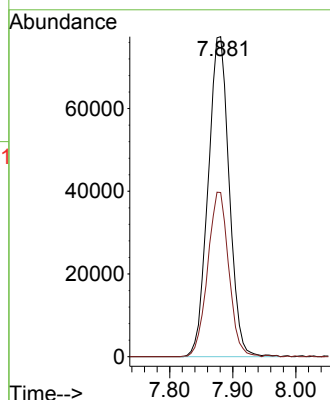
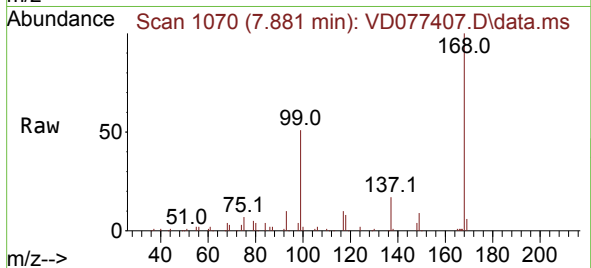
ClientSampleId :

Tgt Ion:168 Resp: 179340

Ion Ratio Lower Upper

168 100

99 51.3 36.7 55.1



#11

Tert butyl alcohol

Concen: 3.452 ug/l

RT: 5.046 min Scan# 588

Delta R.T. -0.006 min

Lab File: VD077407.D

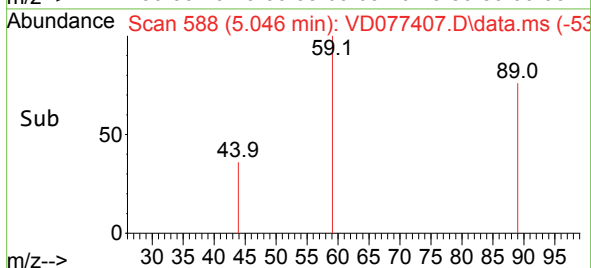
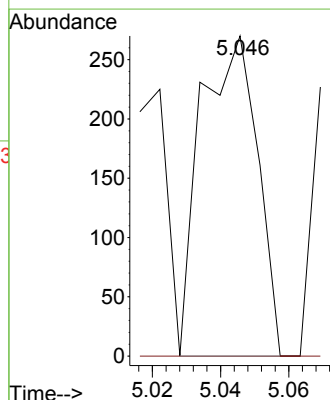
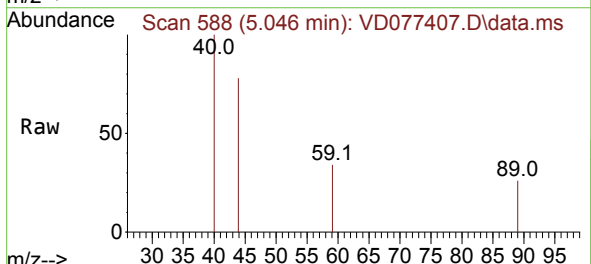
Acq: 25 Oct 2023 11:41

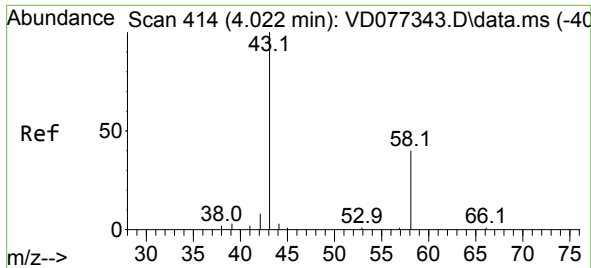
Tgt Ion: 59 Resp: 311

Ion Ratio Lower Upper

59 100

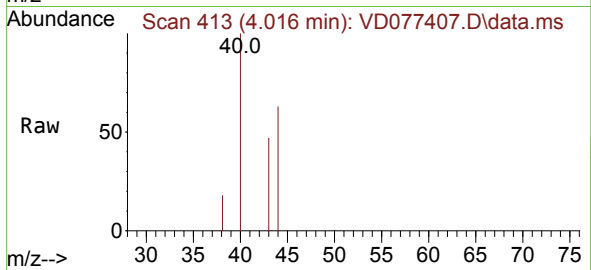
57 0.0 7.8 11.8#



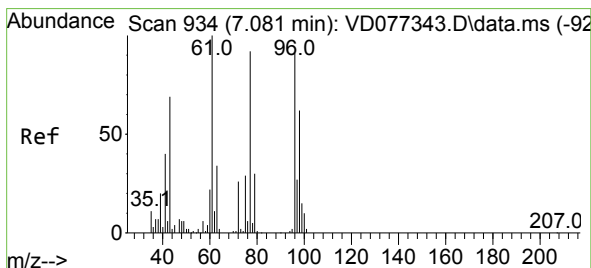
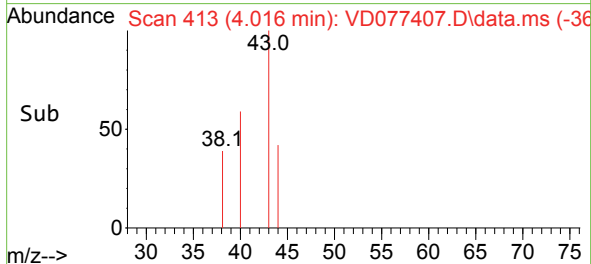
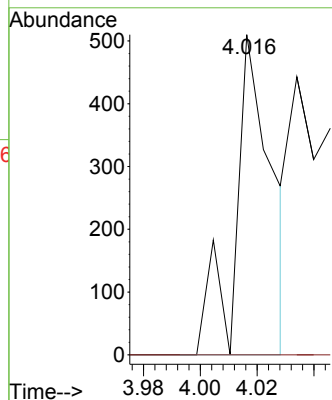


#16
Acetone
Concen: 1.296 ug/l
RT: 4.016 min Scan# 414
Delta R.T. -0.006 min
Lab File: VD077407.D
Acq: 25 Oct 2023 11:41

Instrument :
MSVOA_D
ClientSampleId :

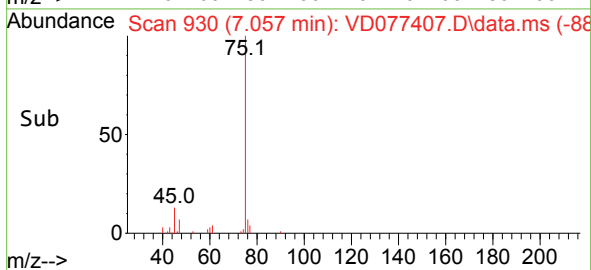
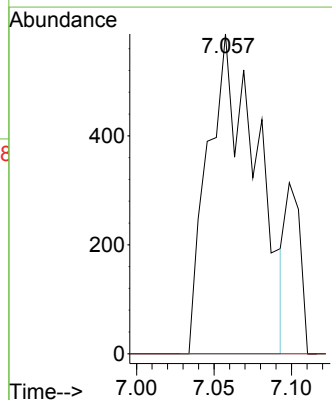
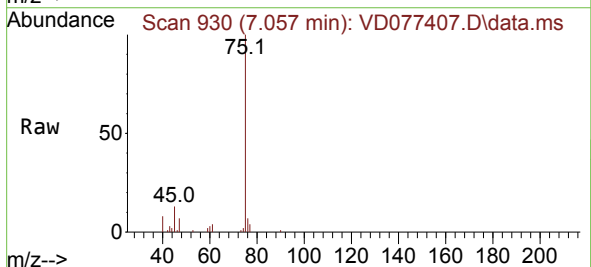


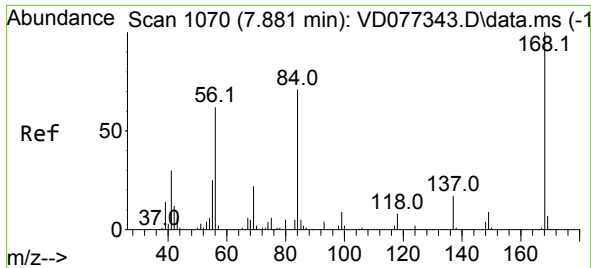
Tgt Ion: 43 Resp: 455
Ion Ratio Lower Upper
43 100
58 0.0 34.7 52.1#



#25
2-Butanone
Concen: 3.519 ug/l
RT: 7.057 min Scan# 930
Delta R.T. -0.024 min
Lab File: VD077407.D
Acq: 25 Oct 2023 11:41

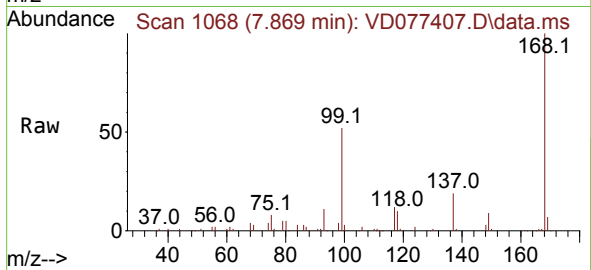
Tgt Ion: 43 Resp: 1282
Ion Ratio Lower Upper
43 100
72 0.0 30.7 46.1#



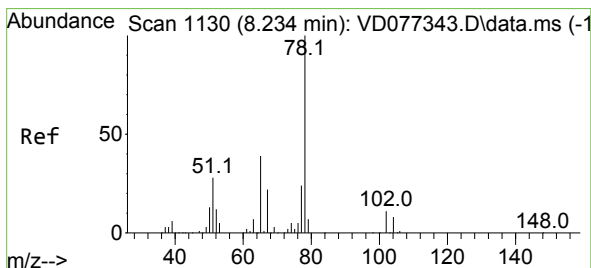
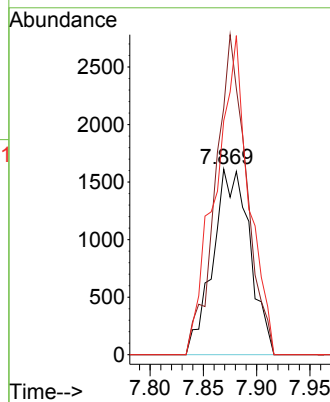
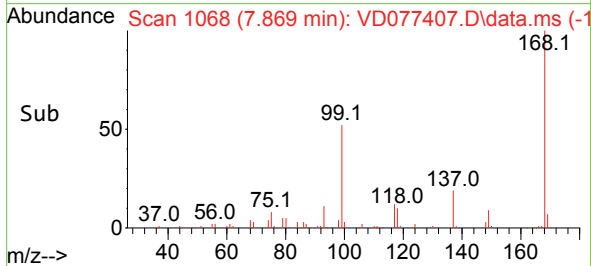


#31
Cyclohexane
Concen: 1.558 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.012 min
Lab File: VD077407.D
Acq: 25 Oct 2023 11:41

Instrument :
MSVOA_D
ClientSampleId :

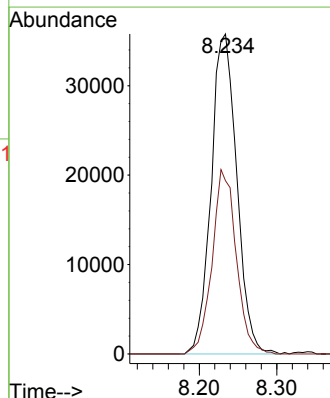
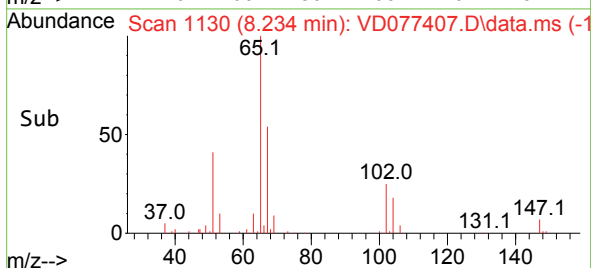
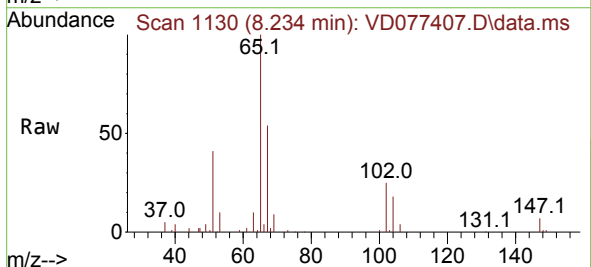


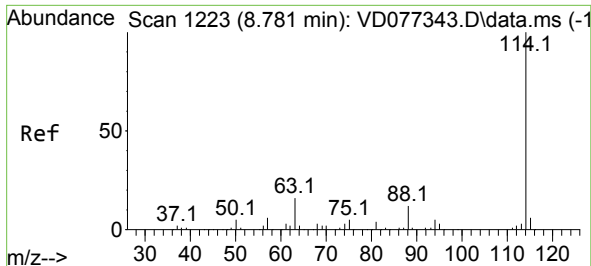
Tgt Ion: 56 Resp: 3881
Ion Ratio Lower Upper
56 100
69 132.7 28.6 43.0#
84 126.0 84.8 127.2



#33
1,2-Dichloroethane-d4
Concen: 51.439 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VD077407.D
Acq: 25 Oct 2023 11:41

Tgt Ion: 65 Resp: 82375
Ion Ratio Lower Upper
65 100
67 54.2 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD077407.D

Acq: 25 Oct 2023 11:41

Instrument :

MSVOA_D

ClientSampleId :

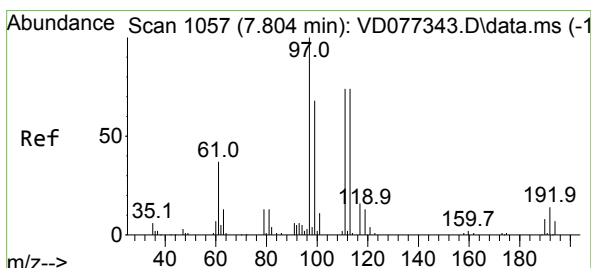
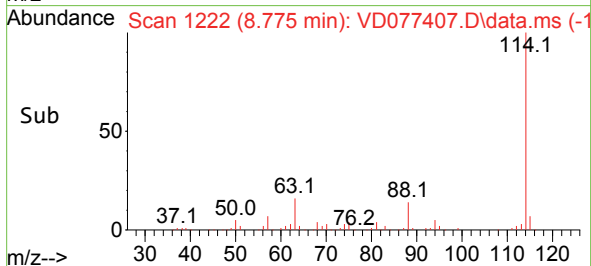
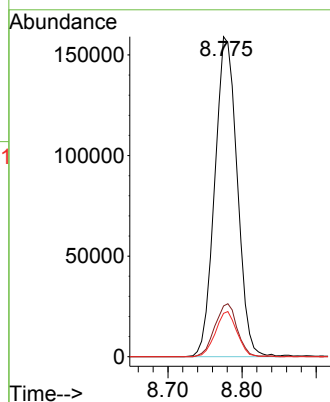
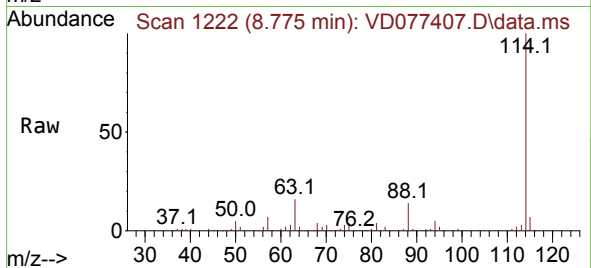
Tgt Ion:114 Resp: 334270

Ion Ratio Lower Upper

114 100

63 15.9 0.0 33.4

88 13.6 0.0 26.2



#35

Dibromofluoromethane

Concen: 37.452 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD077407.D

Acq: 25 Oct 2023 11:41

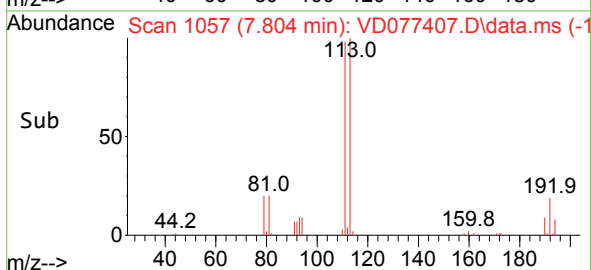
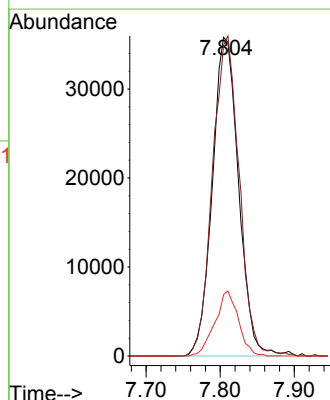
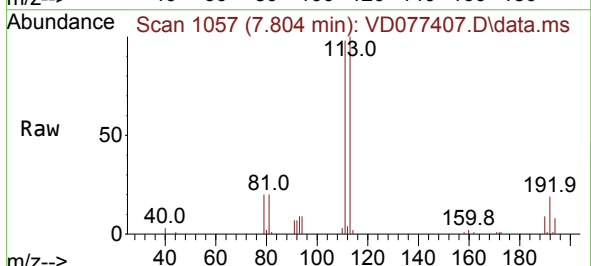
Tgt Ion:113 Resp: 87953

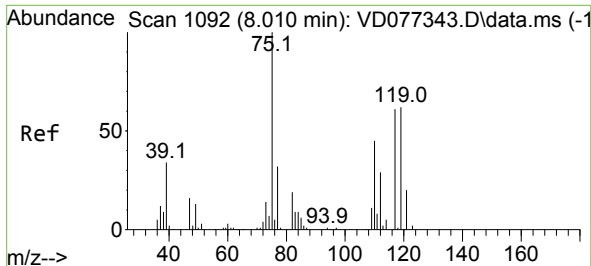
Ion Ratio Lower Upper

113 100

111 102.4 84.7 127.1

192 18.2 16.8 25.2





#36

1,1-Dichloropropene

Concen: 4.203 ug/l

RT: 7.875 min Scan# 1092

Delta R.T. -0.135 min

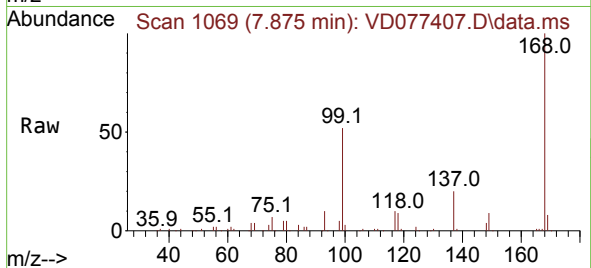
Lab File: VD077407.D

Acq: 25 Oct 2023 11:41

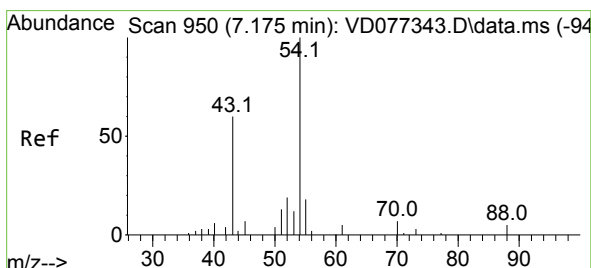
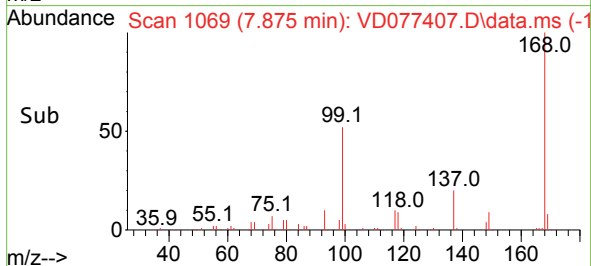
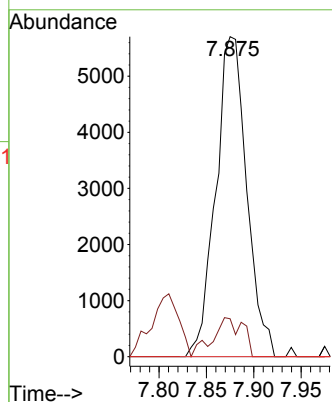
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 75	Resp: 12970
Ion Ratio	Lower Upper
75	100
110	11.9 19.9 59.6#
77	0.0 24.7 37.1#



#37

Ethyl Acetate

Concen: 1.323 ug/l

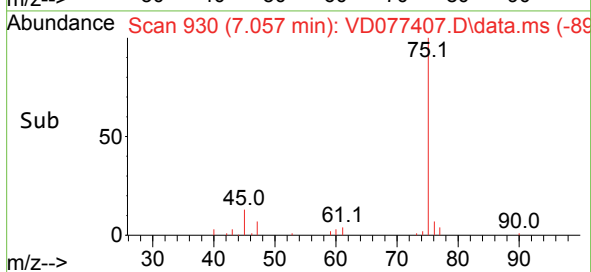
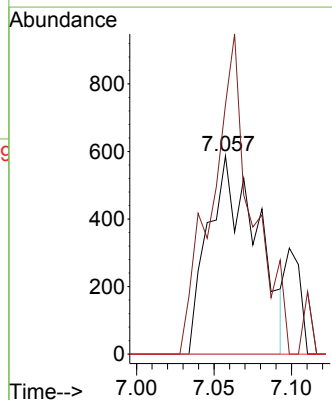
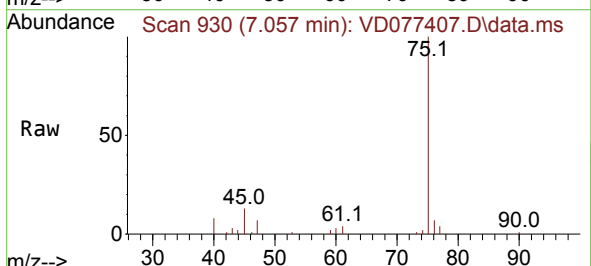
RT: 7.057 min Scan# 930

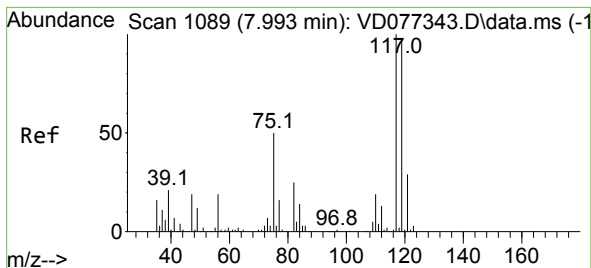
Delta R.T. -0.118 min

Lab File: VD077407.D

Acq: 25 Oct 2023 11:41

Tgt Ion: 43	Resp: 1282
Ion Ratio	Lower Upper
43	100
61	132.7 14.9 22.3#
70	0.0 10.0 15.0#





#38

Carbon Tetrachloride

Concen: 5.059 ug/l

RT: 7.869 min Scan# 1068

Delta R.T. -0.124 min

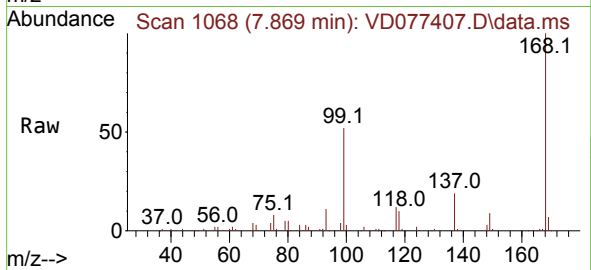
Lab File: VD077407.D

Acq: 25 Oct 2023 11:41

Instrument :

MSVOA_D

ClientSampleId :



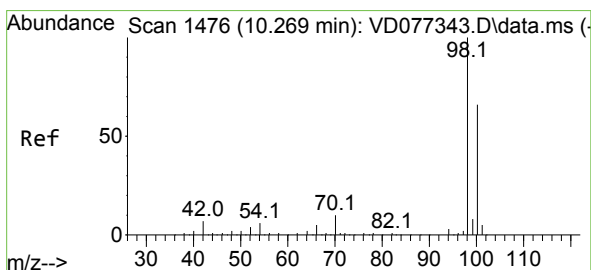
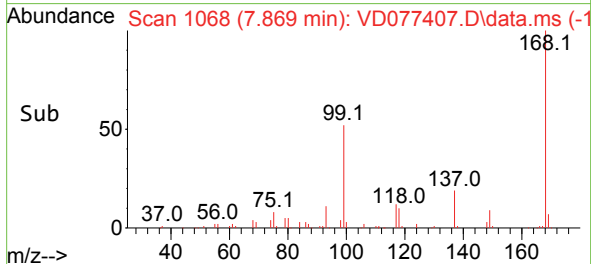
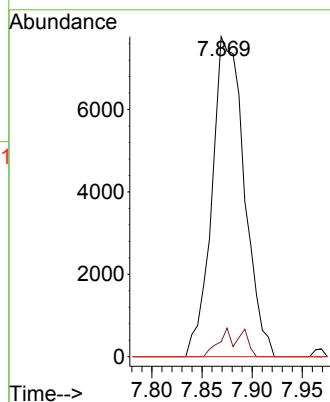
Tgt Ion:117 Resp: 17365

Ion Ratio Lower Upper

117 100

119 4.6 78.0 117.0#

121 0.0 24.2 36.2#



#50

Toluene-d8

Concen: 34.835 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD077407.D

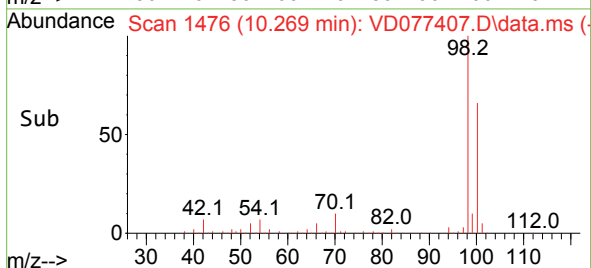
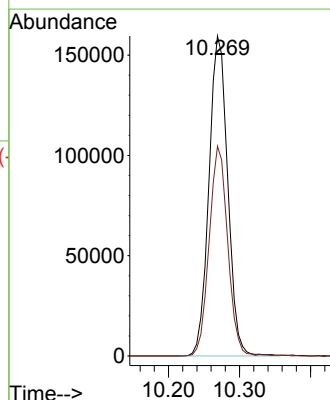
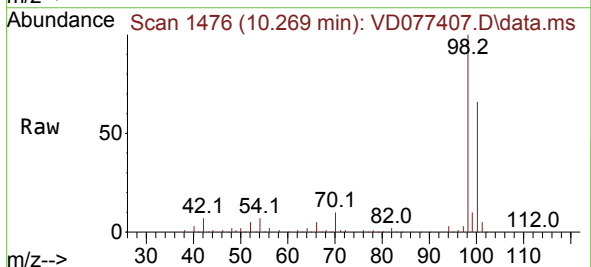
Acq: 25 Oct 2023 11:41

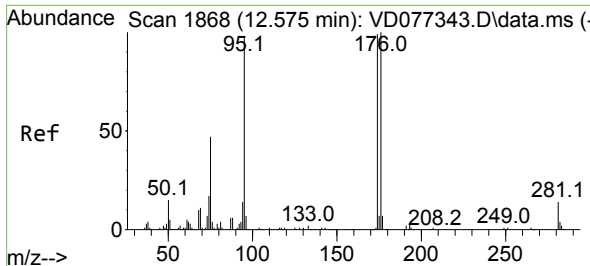
Tgt Ion: 98 Resp: 292973

Ion Ratio Lower Upper

98 100

100 64.7 50.3 75.5

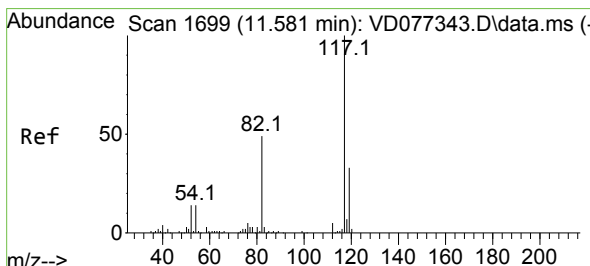
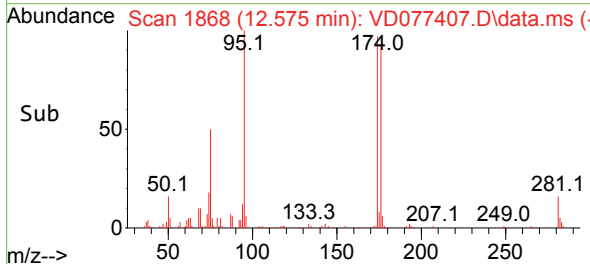
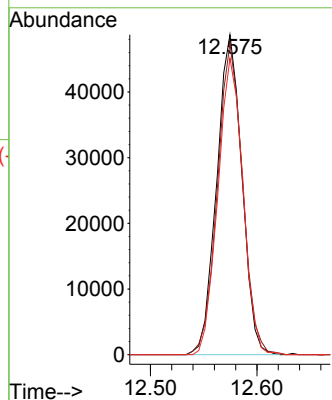
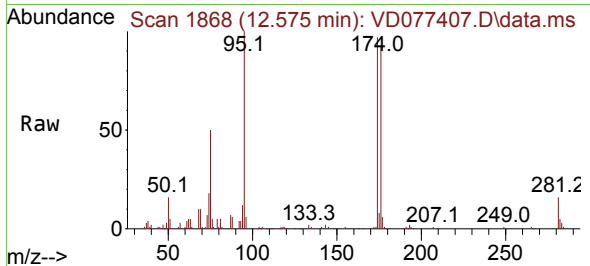




#62
4-Bromofluorobenzene
Concen: 32.949 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077407.D
Acq: 25 Oct 2023 11:41

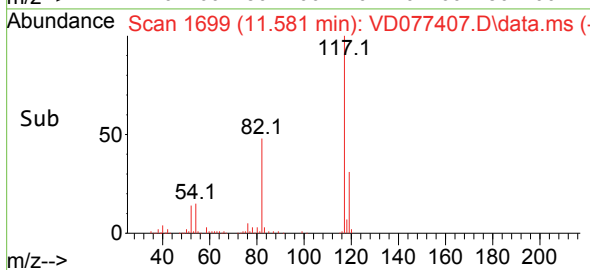
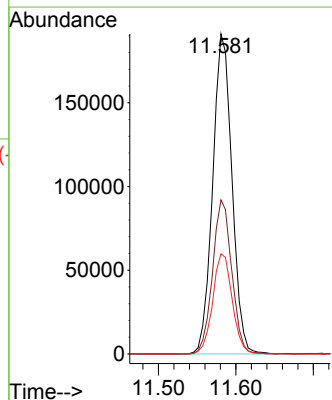
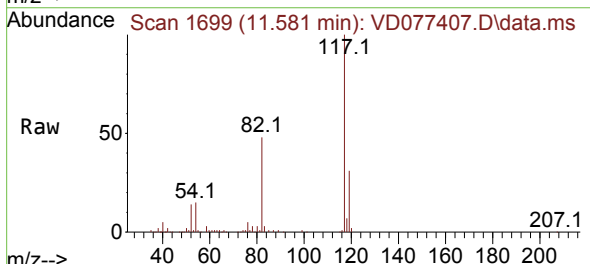
Instrument :
MSVOA_D
ClientSampleId :

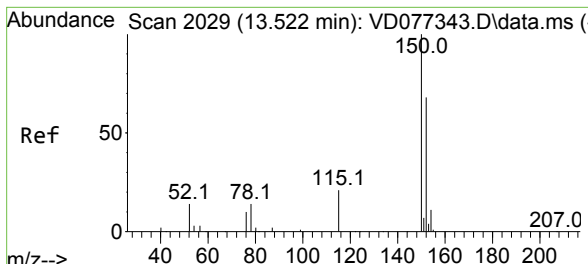
Tgt Ion: 95 Resp: 79769
Ion Ratio Lower Upper
95 100
174 96.9 0.0 201.8
176 92.3 0.0 191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD077407.D
Acq: 25 Oct 2023 11:41

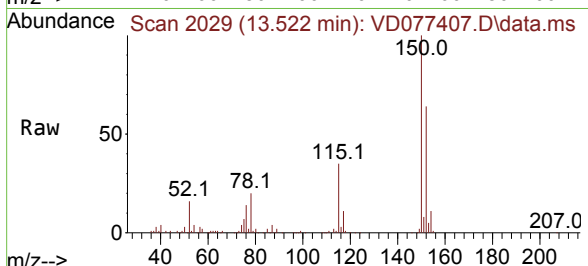
Tgt Ion: 117 Resp: 329960
Ion Ratio Lower Upper
117 100
82 48.2 38.3 57.5
119 31.3 25.0 37.4



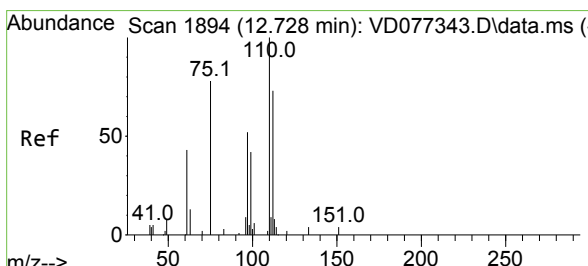
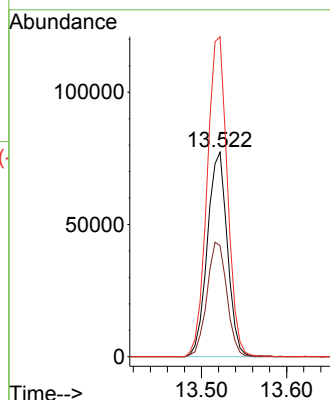
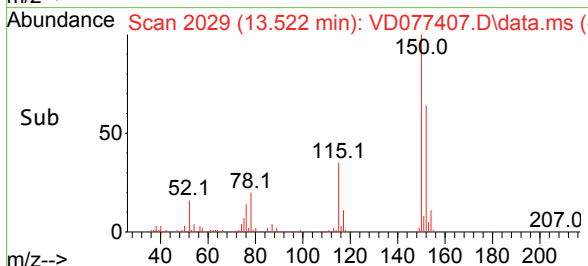


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.522 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VD077407.D
 Acq: 25 Oct 2023 11:41

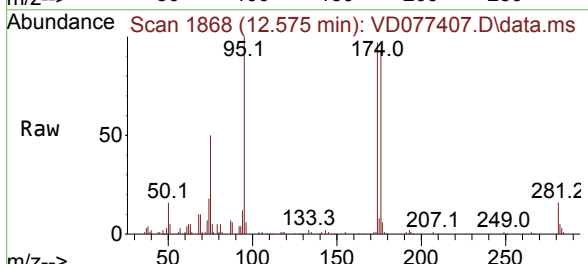
Instrument :
 MSVOA_D
 ClientSampleId :



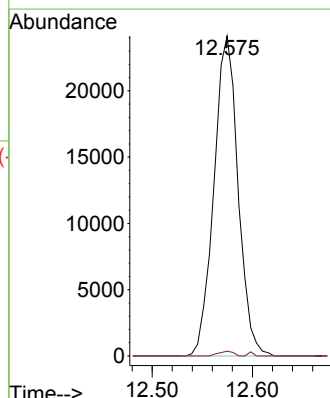
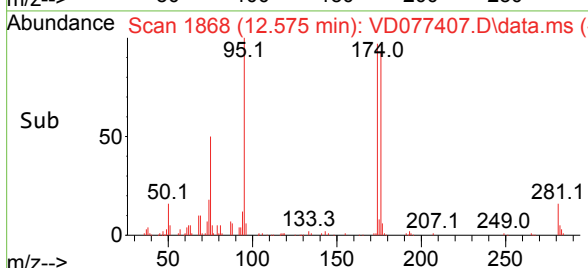
Tgt Ion:152 Resp: 126008
 Ion Ratio Lower Upper
 152 100
 115 55.7 27.1 81.3
 150 158.5 0.0 353.6

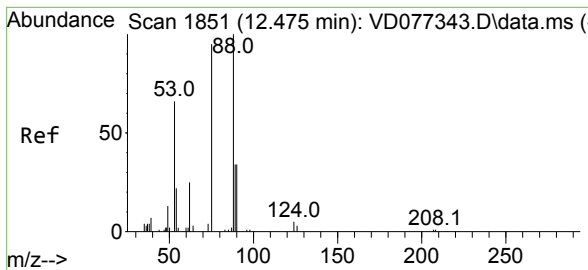


#76
 1,2,3-Trichloropropane
 Concen: 25.032 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. -0.153 min
 Lab File: VD077407.D
 Acq: 25 Oct 2023 11:41



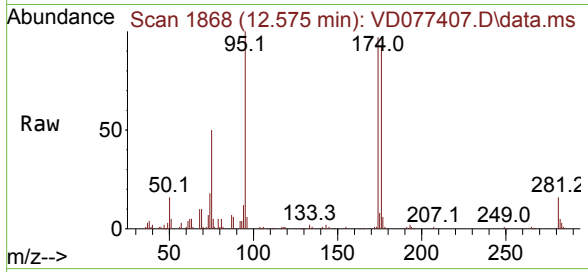
Tgt Ion: 75 Resp: 40345
 Ion Ratio Lower Upper
 75 100
 77 0.9 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 85.793 ug/l
 RT: 12.575 min Scan# 11
 Delta R.T. 0.100 min
 Lab File: VD077407.D
 Acq: 25 Oct 2023 11:41

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 75 Resp: 40345
 Ion Ratio Lower Upper
 75 100
 53 0.0 63.0 94.4#
 89 0.2 37.9 56.9#

