

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031824\
 Data File : VD078697.D
 Acq On : 18 Mar 2024 15:23
 Operator : RP/MD
 Sample : P1786-02
 Misc : 6.45G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-22

Quant Time: Mar 19 01:27:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031424S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 15 05:38:03 2024
 Response via : Initial Calibration

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

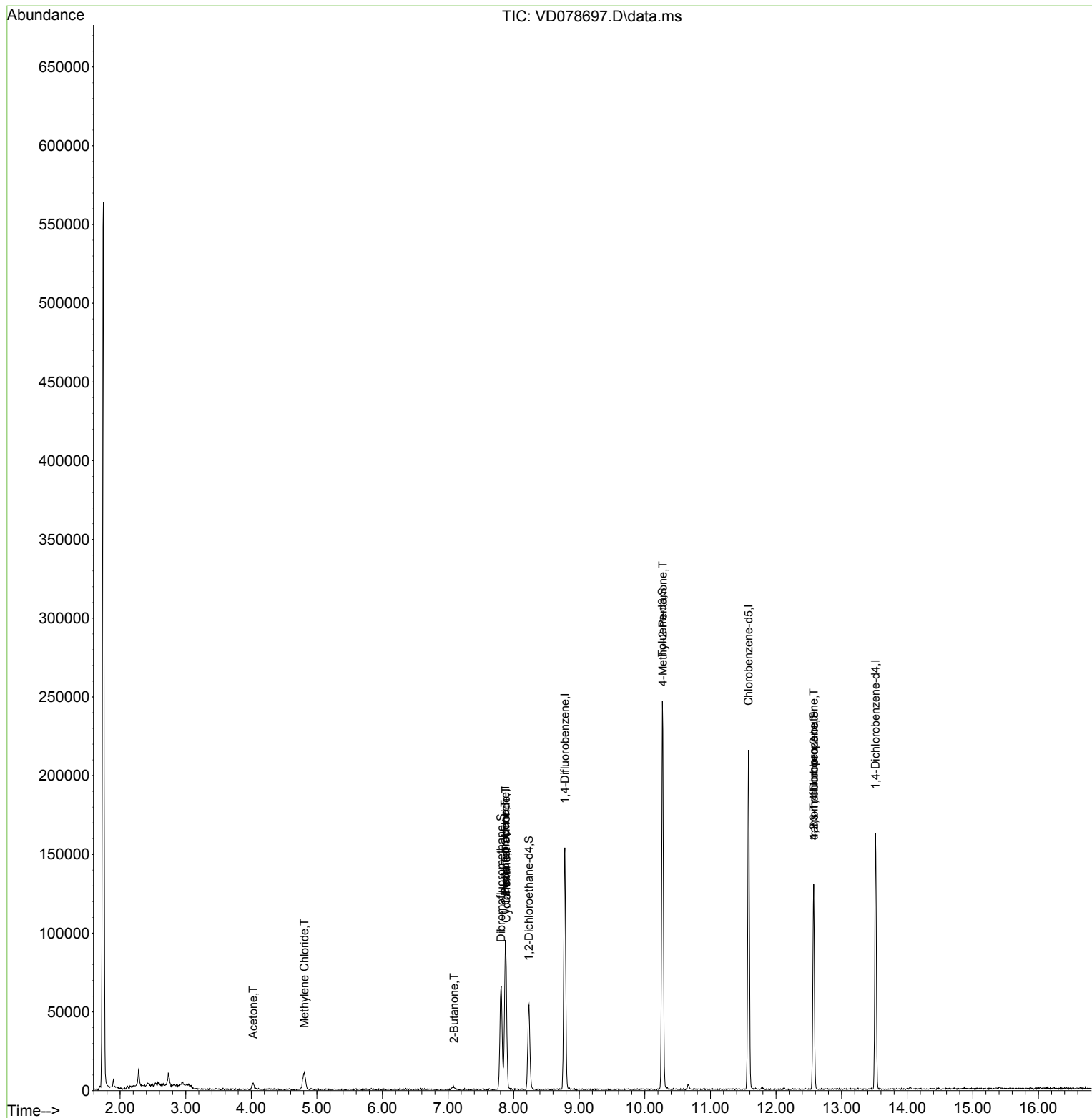
Internal Standards						
1) Pentafluorobenzene	7.875	168	74810	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	141236	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	127860	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	44540	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	40114	57.216	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.440%
35) Dibromofluoromethane	7.810	113	49155	54.055	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.120%
50) Toluene-d8	10.269	98	172917	51.705	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	103.400%
62) 4-Bromofluorobenzene	12.575	95	38962	39.823	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	79.640%
Target Compounds						
16) Acetone	4.028	43	6154	45.393	ug/l	97
20) Methylene Chloride	4.810	84	8831	5.188	ug/l #	89
25) 2-Butanone	7.093	43	1394	7.734	ug/l #	67
31) Cyclohexane	7.887	56	1637	1.389	ug/l #	29
36) 1,1-Dichloropropene	7.869	75	6200	4.699	ug/l #	46
38) Carbon Tetrachloride	7.881	117	7443	5.351	ug/l #	18
51) 4-Methyl-2-Pentanone	10.275	43	451	1.101	ug/l #	1
76) 1,2,3-Trichloropropane	12.575	75	20420	59.507	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	20420	124.736	ug/l #	19

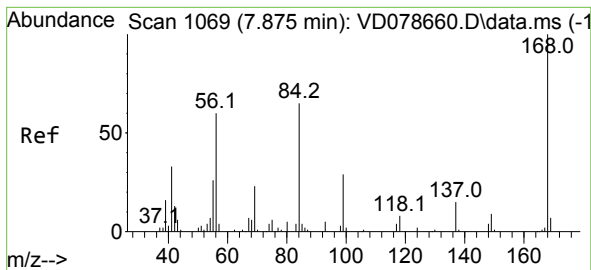
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Mar 15 05:38:03 2024
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: VD078697.D

Acq: 18 Mar 2024 15:23

Instrument :

MSVOA_D

ClientSampleId :

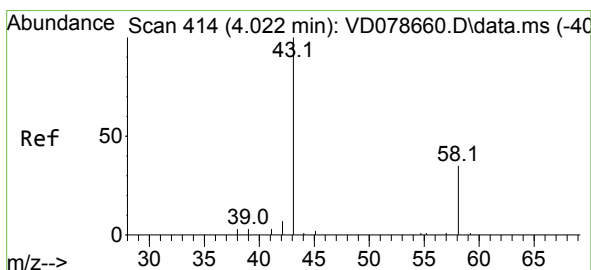
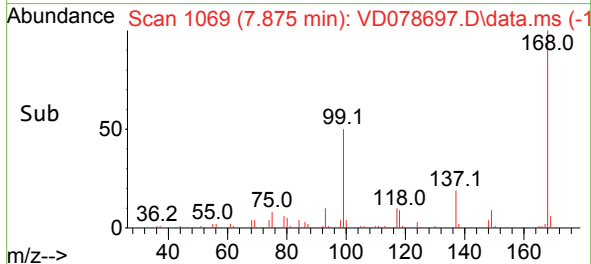
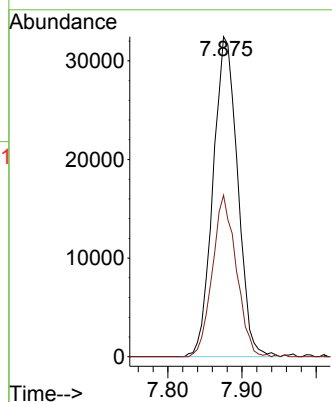
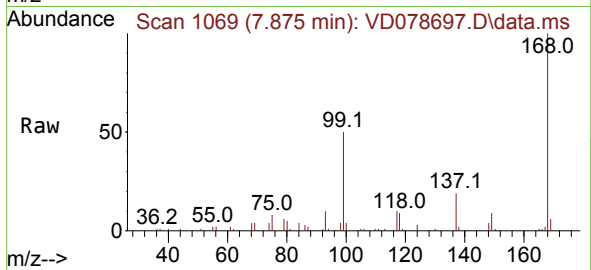
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Tgt Ion:168 Resp: 74810

Ion Ratio Lower Upper

168 100

99 50.5 38.8 58.2



#16

Acetone

Concen: 45.393 ug/l

RT: 4.028 min Scan# 415

Delta R.T. 0.006 min

Lab File: VD078697.D

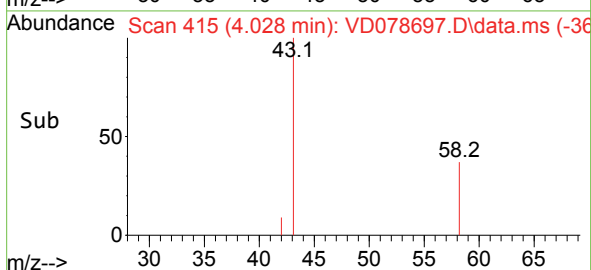
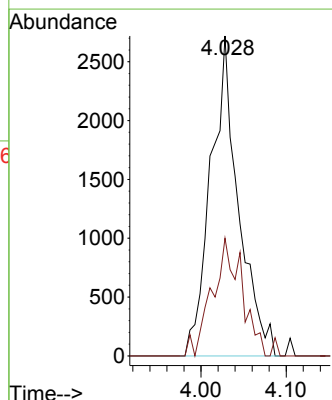
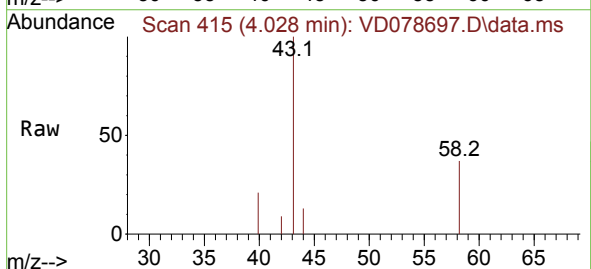
Acq: 18 Mar 2024 15:23

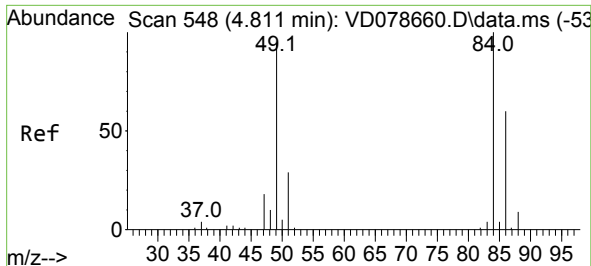
Tgt Ion: 43 Resp: 6154

Ion Ratio Lower Upper

43 100

58 36.8 28.2 42.4

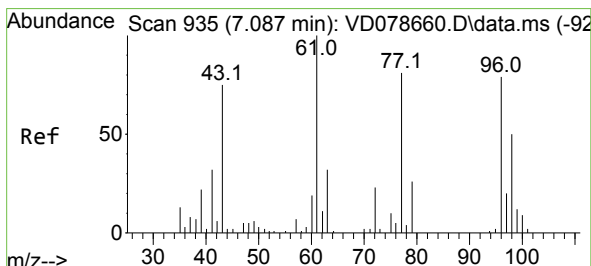
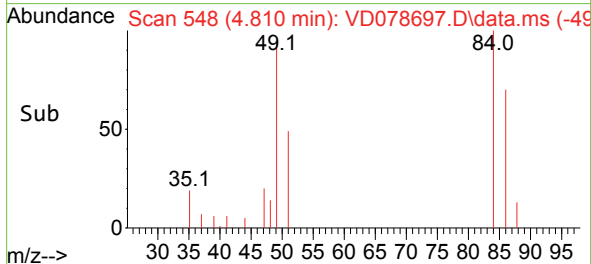
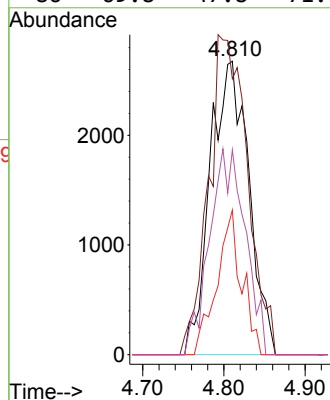
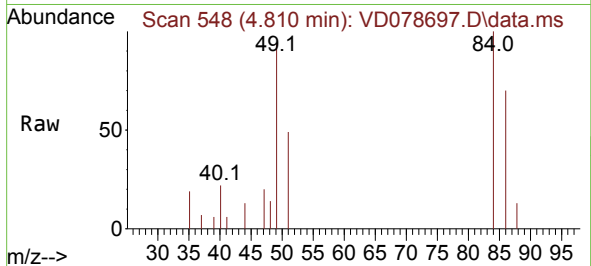




#20
Methylene Chloride
Concen: 5.188 ug/l
RT: 4.810 min Scan# 54
Delta R.T. -0.001 min
Lab File: VD078697.D
Acq: 18 Mar 2024 15:23

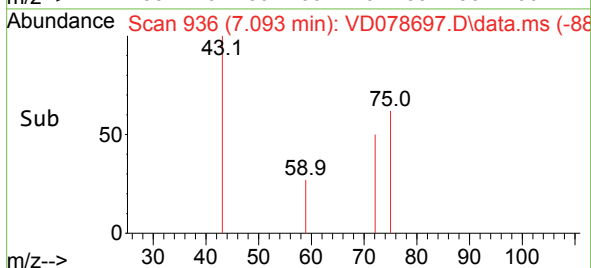
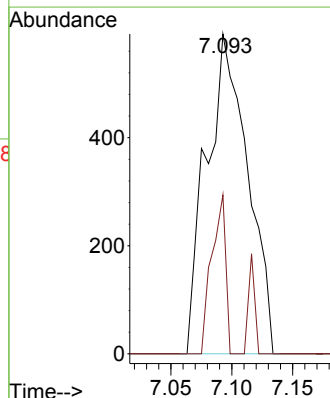
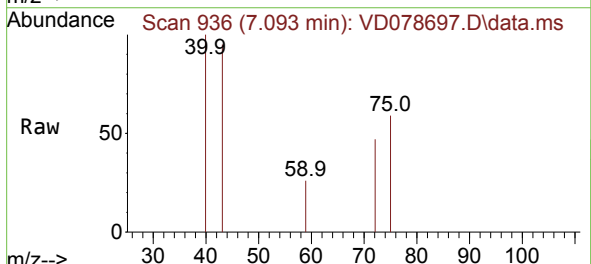
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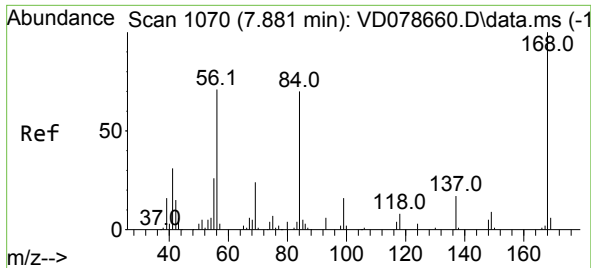
Tgt Ion:	84	Resp:	8831
Ion	Ratio	Lower	Upper
84	100		
49	94.0	75.6	113.4
51	49.3	23.4	35.0#
86	69.8	47.8	71.6



#25
2-Butanone
Concen: 7.734 ug/l
RT: 7.093 min Scan# 936
Delta R.T. 0.006 min
Lab File: VD078697.D
Acq: 18 Mar 2024 15:23

Tgt Ion:	43	Resp:	1394
Ion	Ratio	Lower	Upper
43	100		
72	49.7	25.0	37.6#

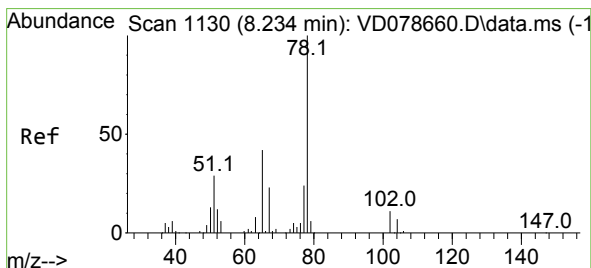
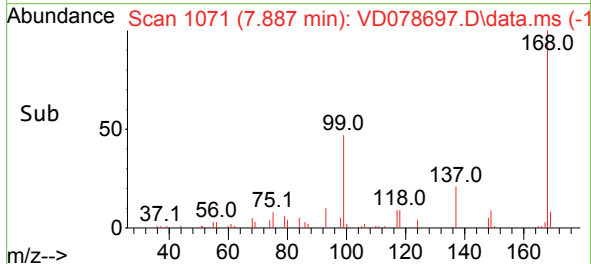
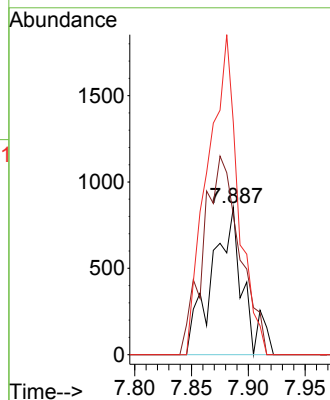
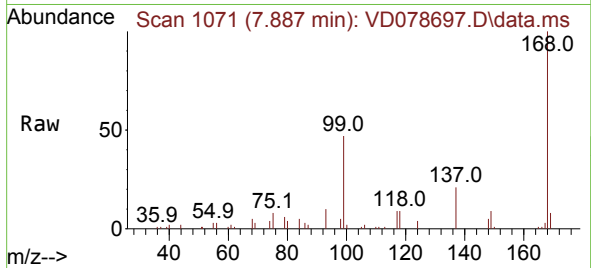




#31
Cyclohexane
Concen: 1.389 ug/l
RT: 7.887 min Scan# 1070
Delta R.T. 0.006 min
Lab File: VD078697.D
Acq: 18 Mar 2024 15:23

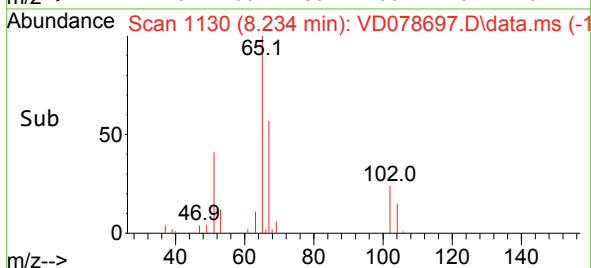
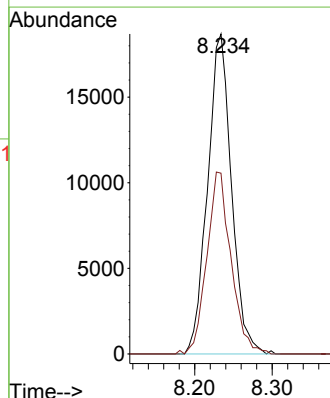
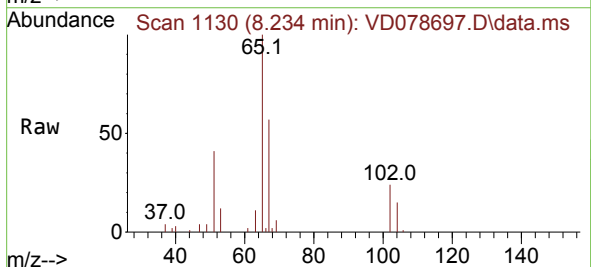
Instrument :
MSVOA_D
ClientSampleId :
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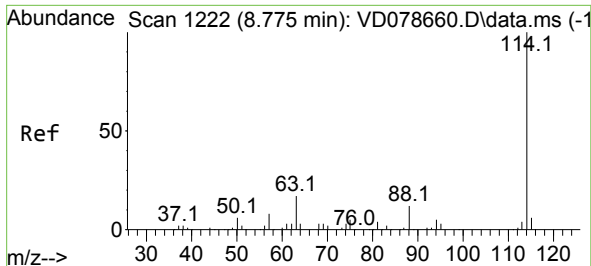
Tgt Ion: 56 Resp: 1637
Ion Ratio Lower Upper
56 100
69 95.2 26.6 40.0#
84 157.8 79.4 119.2#



#33
1,2-Dichloroethane-d4
Concen: 57.216 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VD078697.D
Acq: 18 Mar 2024 15:23

Tgt Ion: 65 Resp: 40114
Ion Ratio Lower Upper
65 100
67 57.7 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1

Delta R.T. 0.006 min

Lab File: VD078697.D

Acq: 18 Mar 2024 15:23

Instrument :

MSVOA_D

ClientSampleId :

TP-22

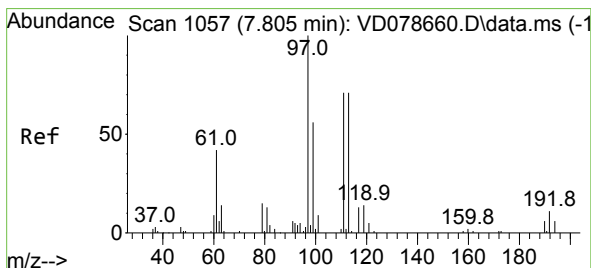
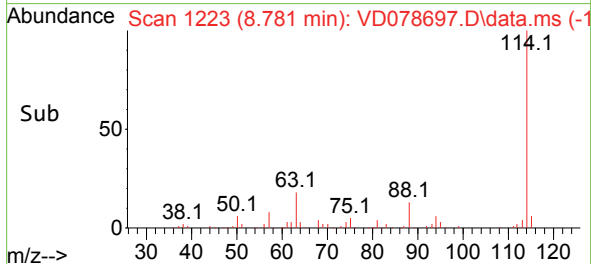
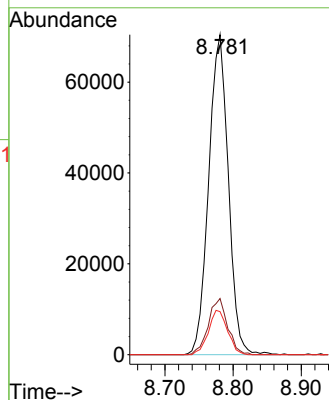
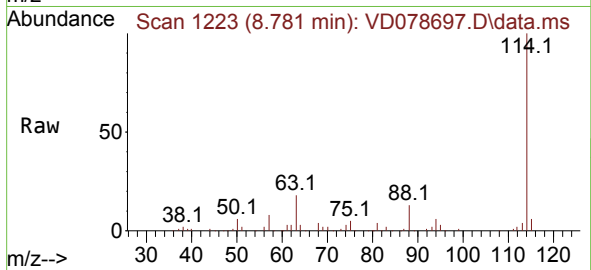
Tgt Ion:114 Resp: 141236

Ion Ratio Lower Upper

114 100

63 17.6 0.0 33.4

88 13.5 0.0 24.6



#35

Dibromofluoromethane

Concen: 54.055 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD078697.D

Acq: 18 Mar 2024 15:23

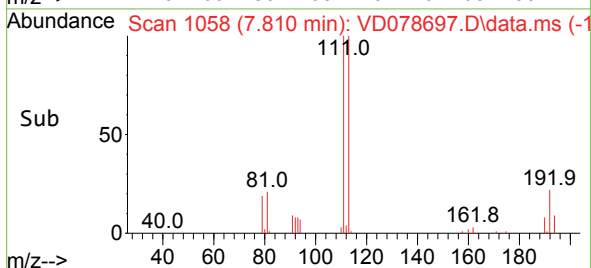
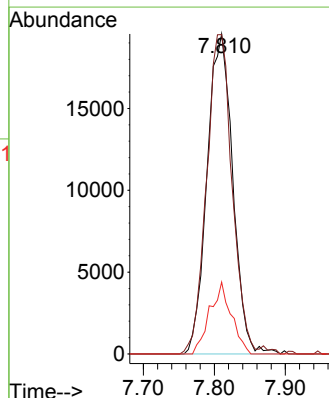
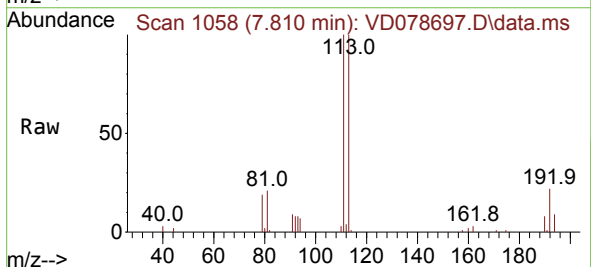
Tgt Ion:113 Resp: 49155

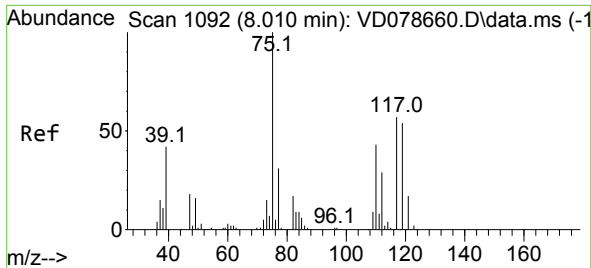
Ion Ratio Lower Upper

113 100

111 99.4 81.9 122.9

192 18.9 15.4 23.0

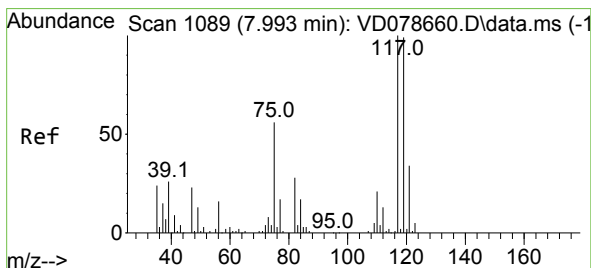
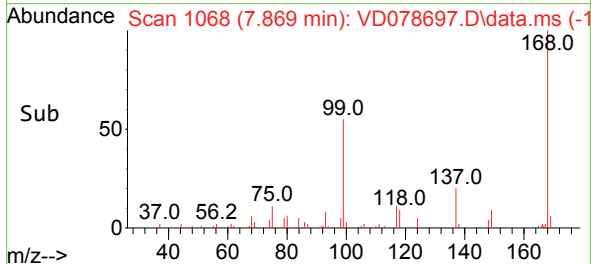
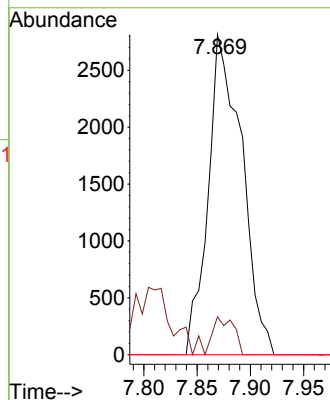
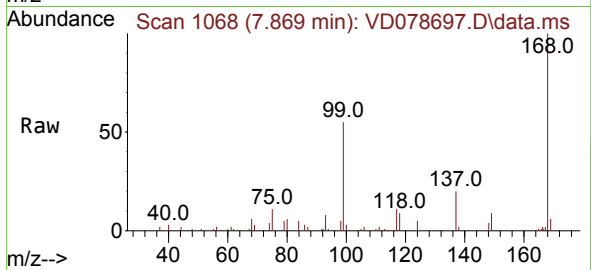




#36
1,1-Dichloropropene
Concen: 4.699 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.141 min
Lab File: VD078697.D
Acq: 18 Mar 2024 15:23

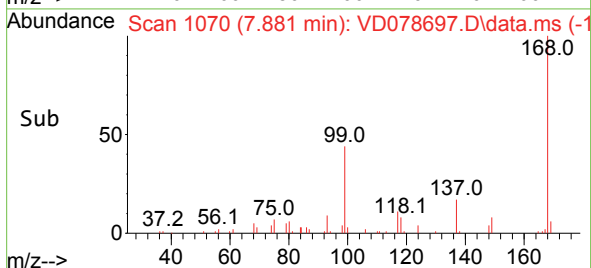
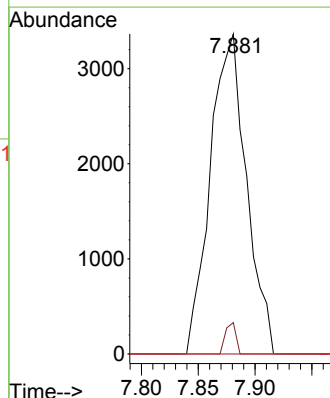
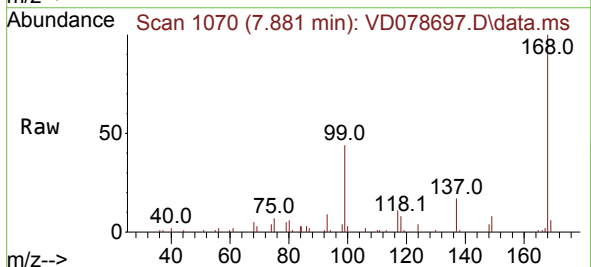
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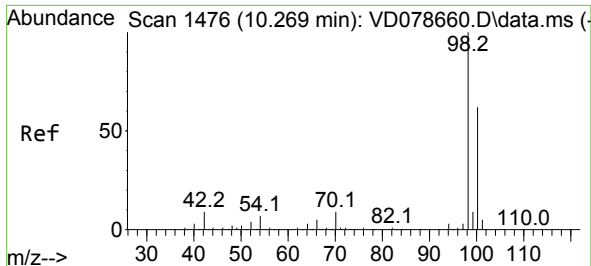
Tgt Ion: 75 Resp: 6200
Ion Ratio Lower Upper
75 100
110 7.3 19.1 57.1#
77 0.0 25.4 38.2#



#38
Carbon Tetrachloride
Concen: 5.351 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.112 min
Lab File: VD078697.D
Acq: 18 Mar 2024 15:23

Tgt Ion: 117 Resp: 7443
Ion Ratio Lower Upper
117 100
119 9.8 79.2 118.8#
121 0.0 26.8 40.2#

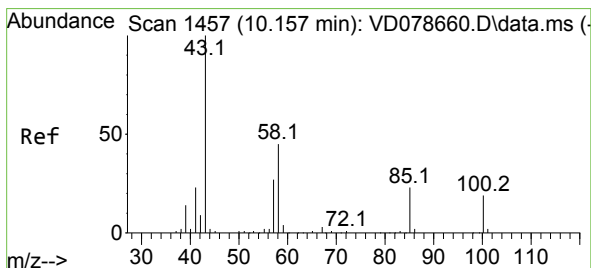
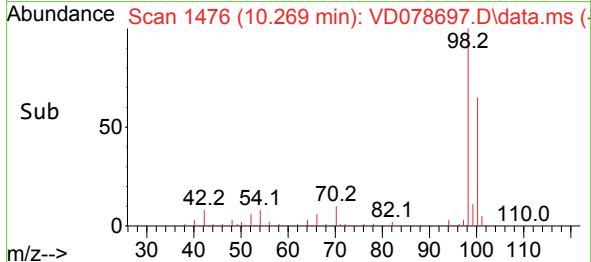
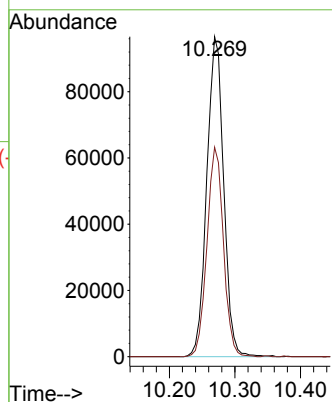
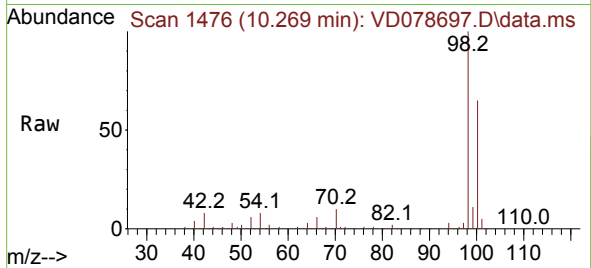




#50
Toluene-d8
Concen: 51.705 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD078697.D
Acq: 18 Mar 2024 15:23

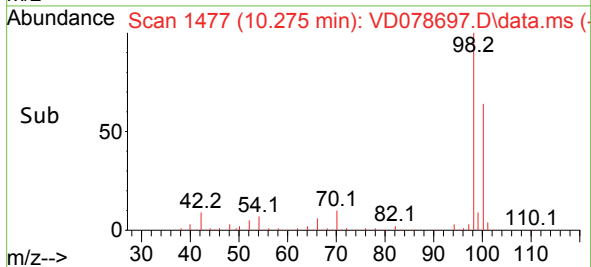
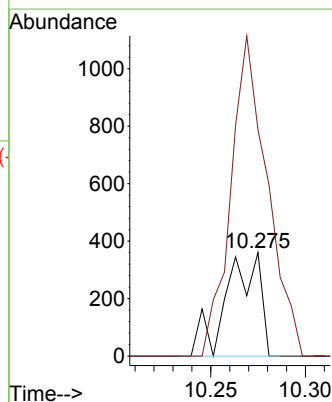
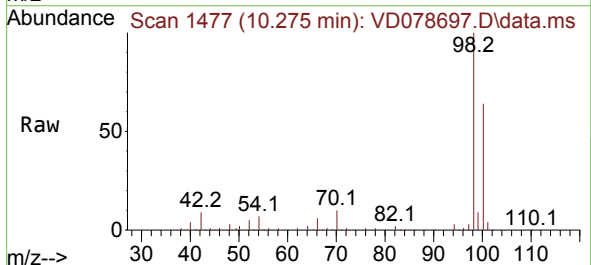
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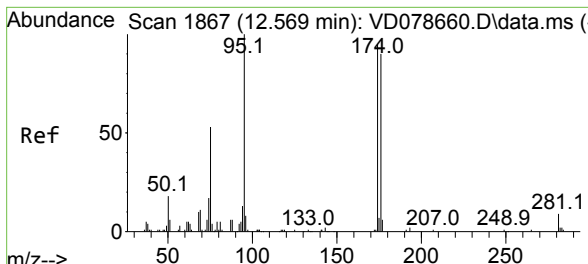
Tgt Ion: 98 Resp: 172917
Ion Ratio Lower Upper
98 100
100 63.8 50.5 75.7



#51
4-Methyl-2-Pentanone
Concen: 1.101 ug/l
RT: 10.275 min Scan# 1477
Delta R.T. 0.117 min
Lab File: VD078697.D
Acq: 18 Mar 2024 15:23

Tgt Ion: 43 Resp: 451
Ion Ratio Lower Upper
43 100
58 331.7 36.4 54.6#

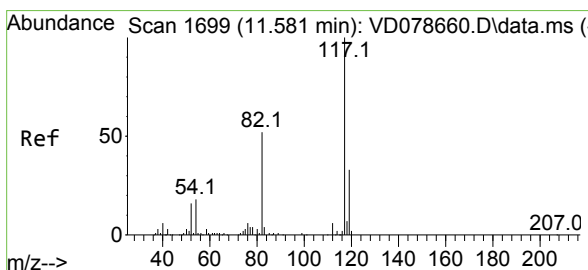
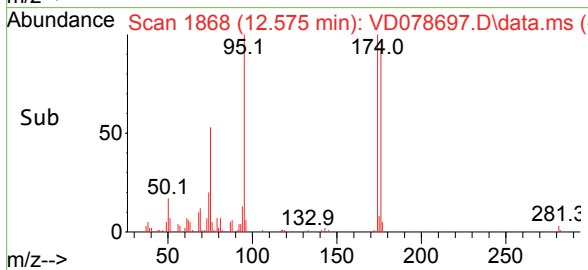
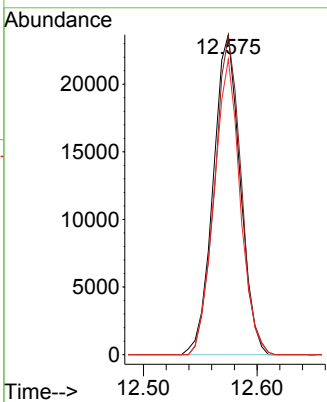
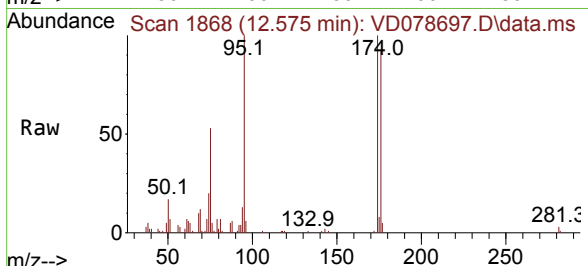




#62
 4-Bromofluorobenzene
 Concen: 39.823 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. 0.006 min
 Lab File: VD078697.D
 Acq: 18 Mar 2024 15:23

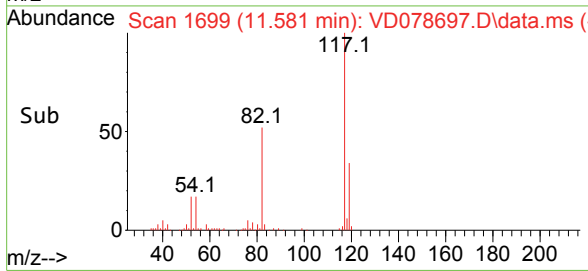
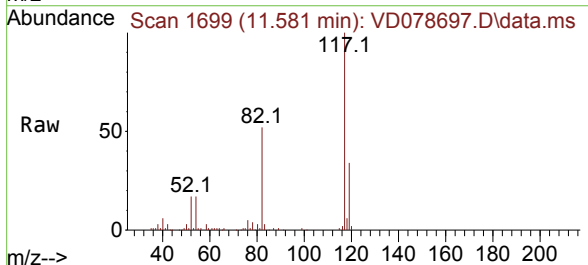
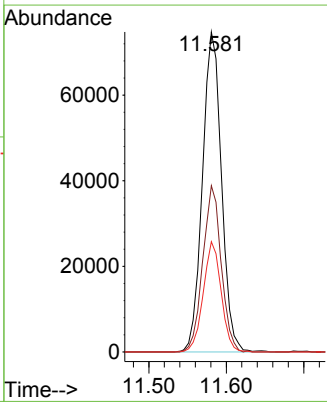
Instrument :
 MSVOA_D
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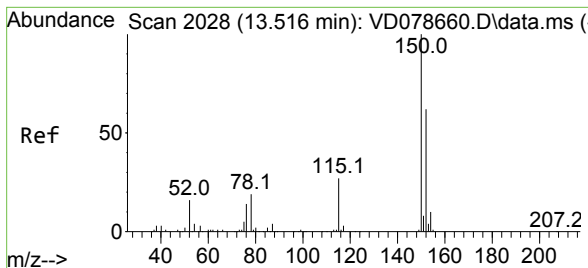
Tgt Ion:	95	Resp:	38962
Ion Ratio	Lower	Upper	
95	100		
174	97.1	0.0	195.2
176	89.9	0.0	188.2



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.581 min Scan# 1699
 Delta R.T. -0.000 min
 Lab File: VD078697.D
 Acq: 18 Mar 2024 15:23

Tgt Ion:	117	Resp:	127860
Ion Ratio	Lower	Upper	
117	100		
82	52.0	41.4	62.2
119	34.5	26.5	39.7

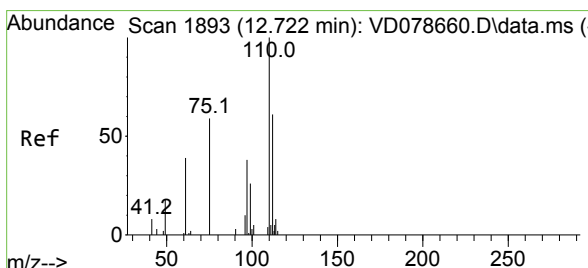
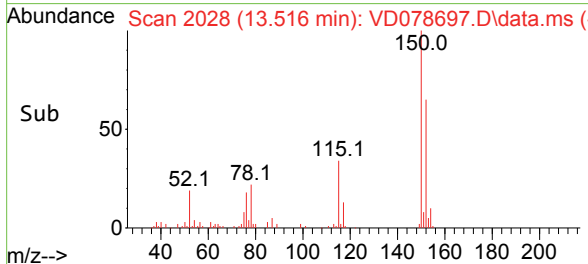
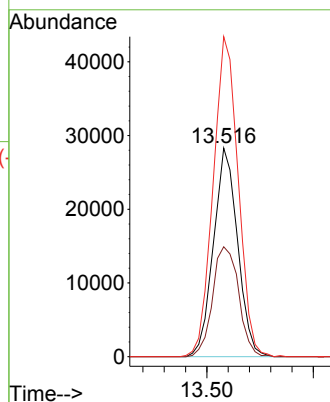
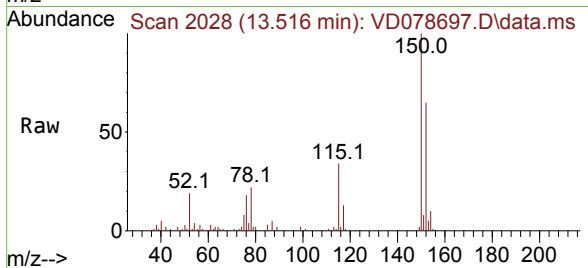




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 20
Delta R.T. -0.000 min
Lab File: VD078697.D
Acq: 18 Mar 2024 15:23

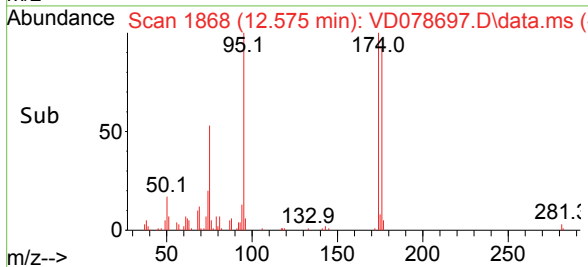
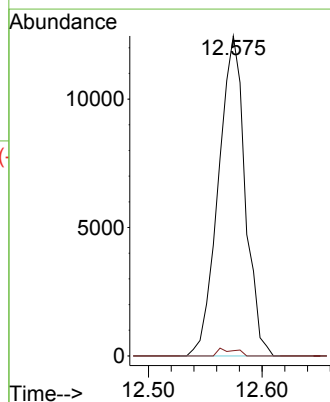
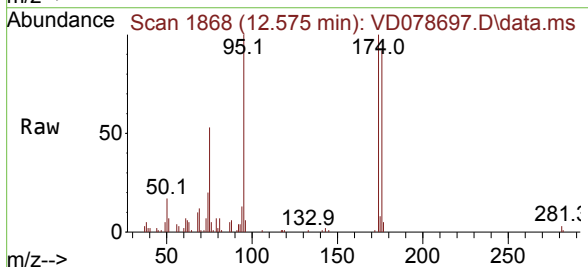
Instrument :
MSVOA_D
ClientSampleId :
TP-22

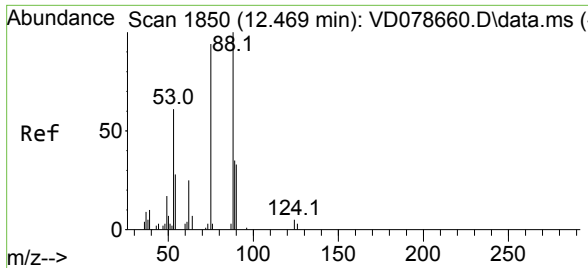
Tgt Ion	152	Resp:	44540
Ion	Ratio	Lower	Upper
152	100		
115	56.9	27.1	81.2
150	158.7	0.0	350.2



#76
1,2,3-Trichloropropane
Concen: 59.507 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.147 min
Lab File: VD078697.D
Acq: 18 Mar 2024 15:23

Tgt Ion	75	Resp:	20420
Ion	Ratio	Lower	Upper
75	100		
77	1.6	0.0	0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 124.736 ug/l
 RT: 12.575 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD078697.D
 Acq: 18 Mar 2024 15:23

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-22

Tgt Ion:	75	Resp:	20420
Ion	Ratio	Lower	Upper
75	100		
53	0.0	61.0	91.6#
89	0.0	35.4	53.0#

