

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030424\
 Data File : VD078589.D
 Acq On : 04 Mar 2024 16:12
 Operator : RP/MD
 Sample : P1672-07
 Misc : 5.15G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-3-VOC

Quant Time: Mar 05 04:15:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D030124S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 02 03:50:17 2024
 Response via : Initial Calibration

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

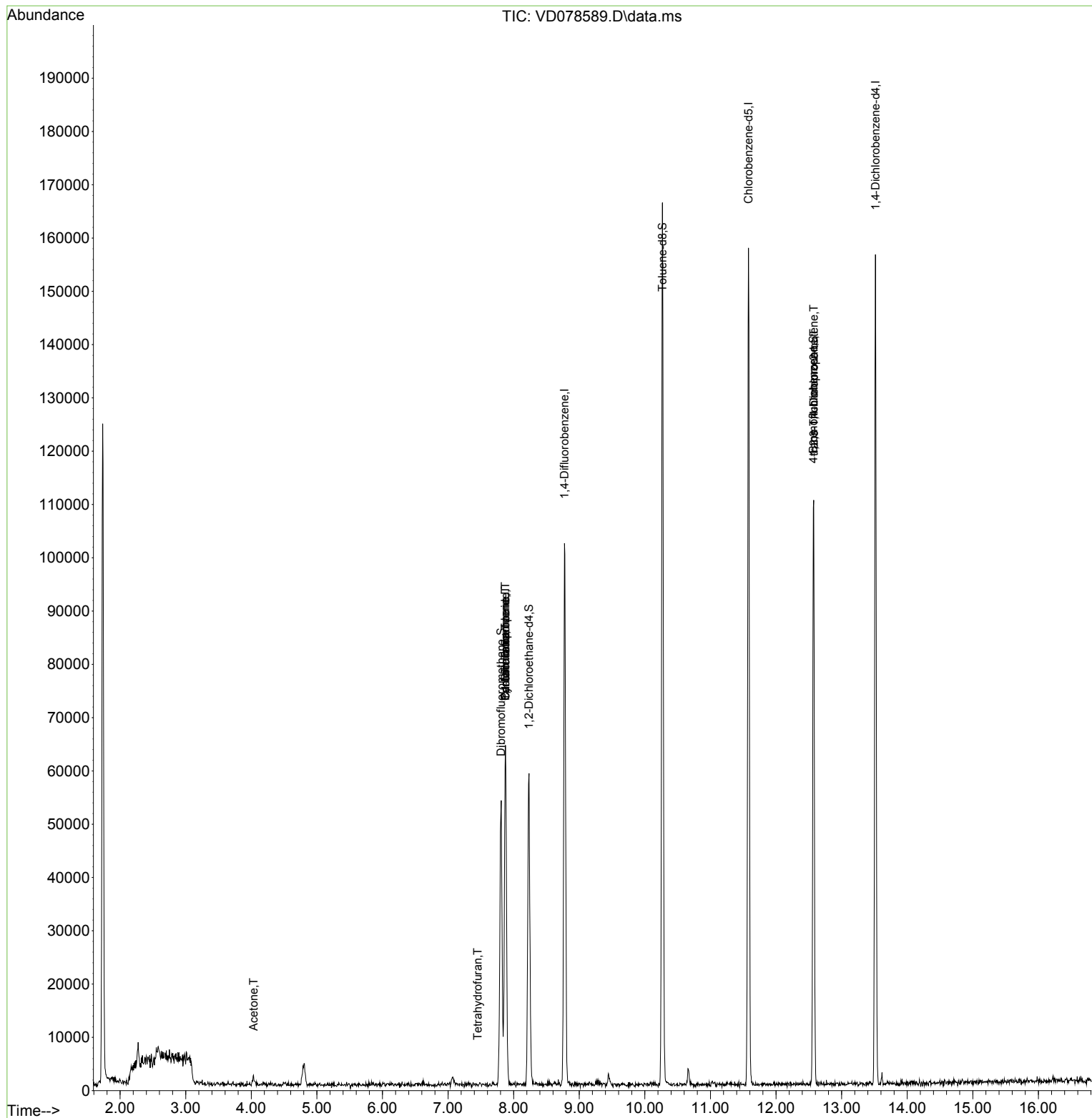
Internal Standards						
1) Pentafluorobenzene	7.875	168	50098	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	91238	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.580	117	95857	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	41916	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.233	65	43735	88.066	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 176.140%#	
35) Dibromofluoromethane	7.810	113	38019	64.059	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 128.120%	
50) Toluene-d8	10.269	98	117626	51.004	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 102.000%	
62) 4-Bromofluorobenzene	12.569	95	34041	51.679	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 103.360%	
Target Compounds						
3) Chloromethane	2.151	50	121	Below Cal	#	41
16) Acetone	4.034	43	1830	19.234	ug/l	97
20) Methylene Chloride	4.804	84	3180	Below Cal	#	94
29) Tetrahydrofuran	7.451	42	125	1.875	ug/l	# 23
31) Cyclohexane	7.875	56	1027	1.321	ug/l	# 58
36) 1,1-Dichloropropene	7.875	75	4079	4.967	ug/l	# 45
38) Carbon Tetrachloride	7.875	117	4994	5.814	ug/l	# 11
76) 1,2,3-Trichloropropane	12.574	75	16990	53.072	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.574	75	16990	113.598	ug/l	# 17

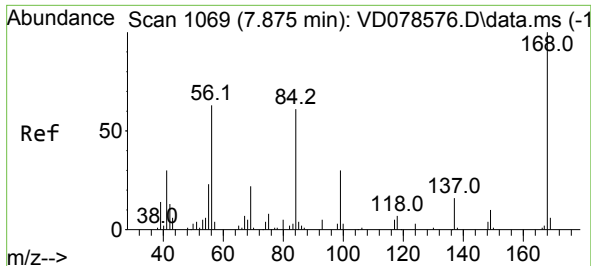
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Mar 02 03:50:17 2024
Response via : Initial Calibration

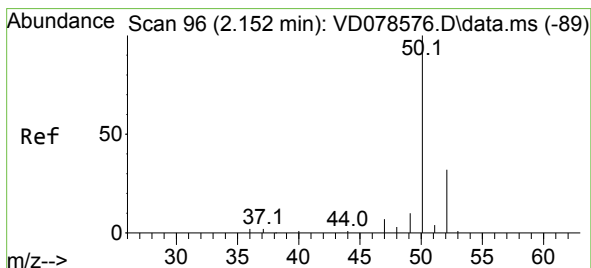
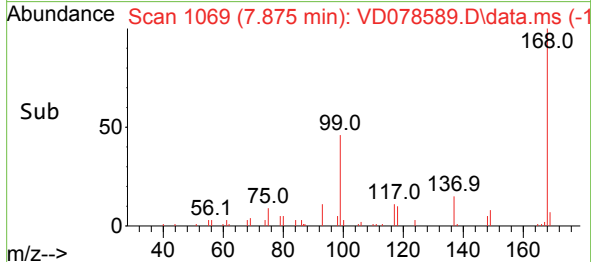
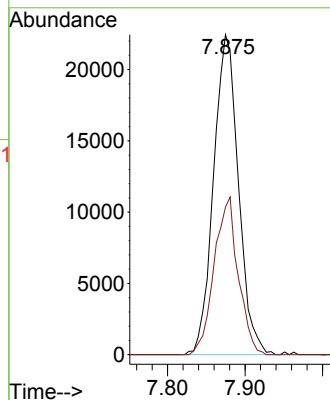
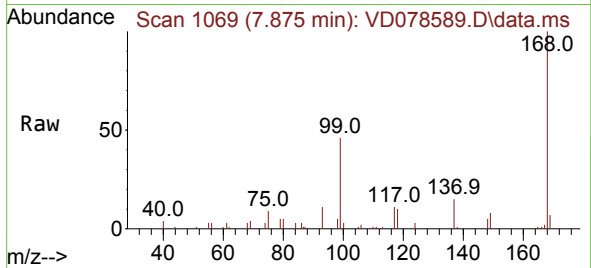




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD078589.D
Acq: 04 Mar 2024 16:12

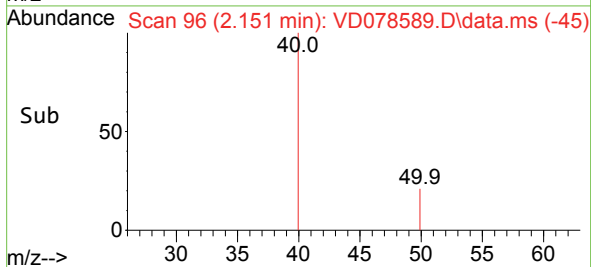
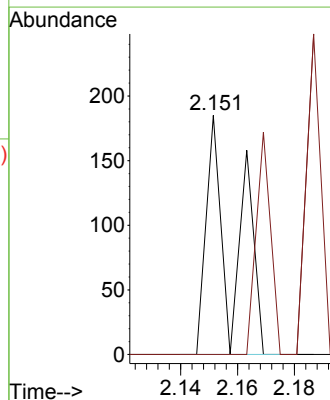
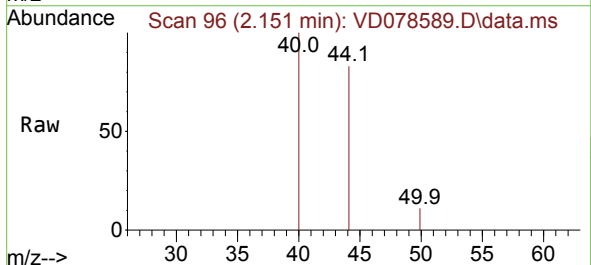
Instrument :
MSVOA_D
ClientSampleId :
TP-3-VOC

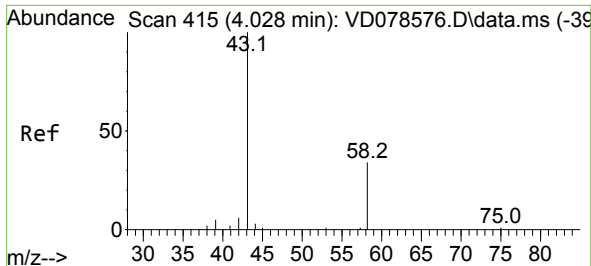
Tgt Ion:168 Resp: 50098
Ion Ratio Lower Upper
168 100
99 46.2 36.7 55.1



#3
Chloromethane
Concen: Below Cal
RT: 2.151 min Scan# 96
Delta R.T. -0.001 min
Lab File: VD078589.D
Acq: 04 Mar 2024 16:12

Tgt Ion: 50 Resp: 121
Ion Ratio Lower Upper
50 100
52 0.0 26.6 40.0#





#16

Acetone

Concen: 19.234 ug/l

RT: 4.034 min Scan# 41

Delta R.T. 0.006 min

Lab File: VD078589.D

Acq: 04 Mar 2024 16:12

Instrument :

MSVOA_D

ClientSampleId :

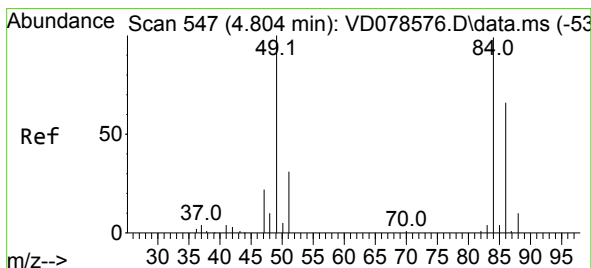
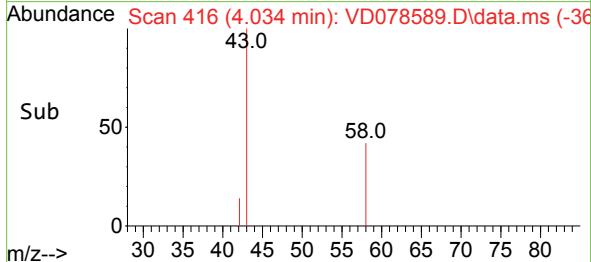
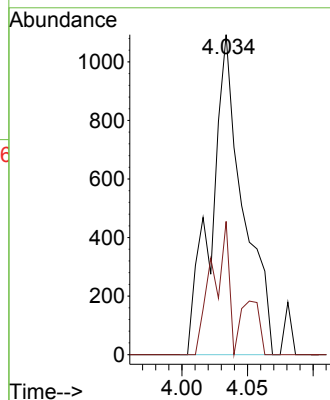
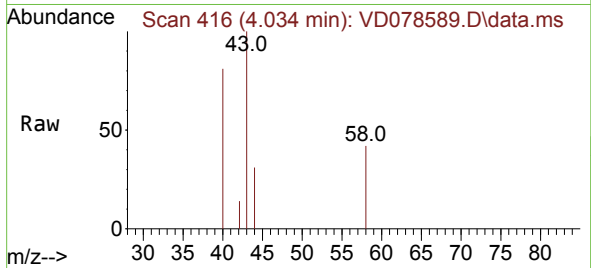
TP-3-VOC

Tgt Ion: 43 Resp: 1830

Ion Ratio Lower Upper

43 100

58 41.6 34.7 52.1



#20

Methylene Chloride

Concen: Below Cal

RT: 4.804 min Scan# 547

Delta R.T. 0.000 min

Lab File: VD078589.D

Acq: 04 Mar 2024 16:12

Tgt Ion: 84 Resp: 3180

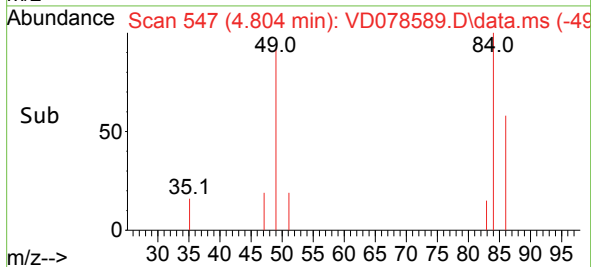
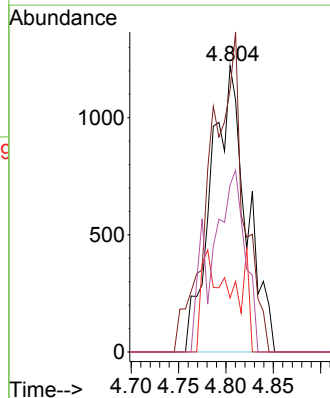
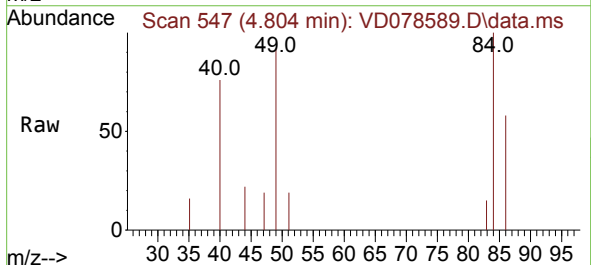
Ion Ratio Lower Upper

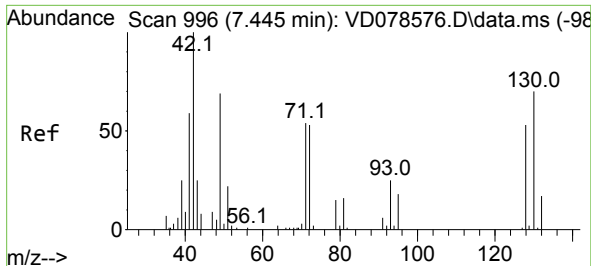
84 100

49 91.7 71.4 107.2

51 18.9 24.5 36.7#

86 58.4 48.7 73.1





#29

Tetrahydrofuran

Concen: 1.875 ug/l

RT: 7.451 min Scan# 996

Delta R.T. 0.006 min

Lab File: VD078589.D

Acq: 04 Mar 2024 16:12

Instrument :

MSVOA_D

ClientSampleId :

TP-3-VOC

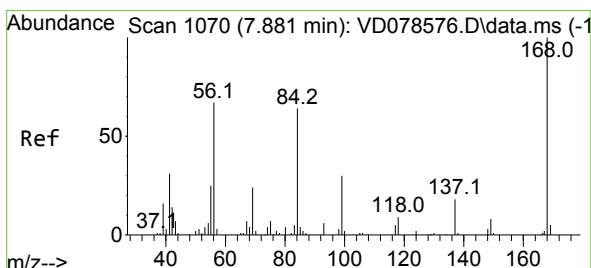
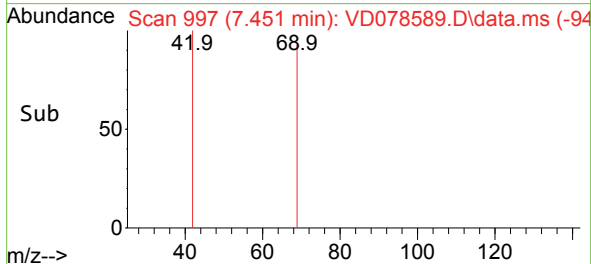
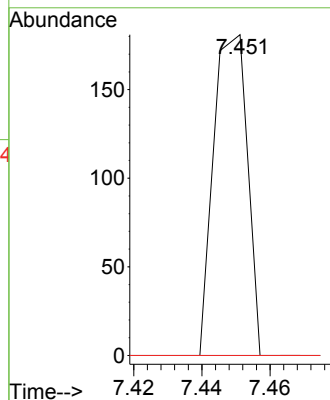
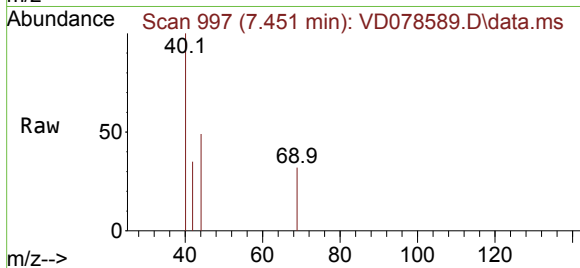
Tgt Ion: 42 Resp: 125

Ion Ratio Lower Upper

42 100

72 0.0 46.5 69.7#

71 0.0 44.5 66.7#



#31

Cyclohexane

Concen: 1.321 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.006 min

Lab File: VD078589.D

Acq: 04 Mar 2024 16:12

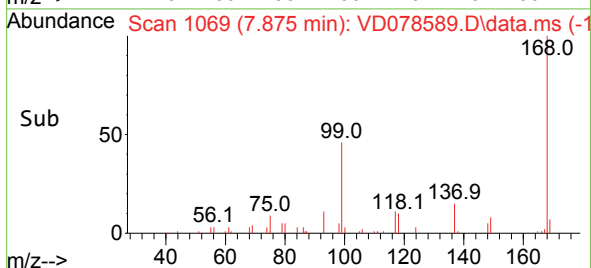
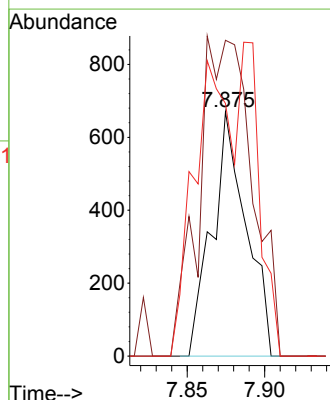
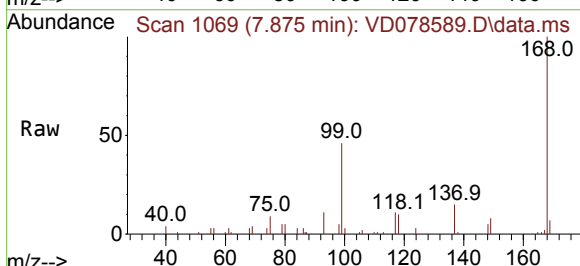
Tgt Ion: 56 Resp: 1027

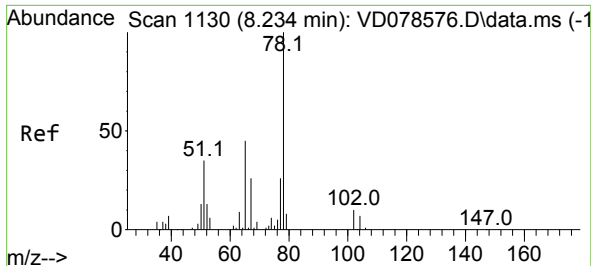
Ion Ratio Lower Upper

56 100

69 129.3 28.6 43.0#

84 103.4 84.8 127.2





#33

1,2-Dichloroethane-d4

Concen: 88.066 ug/l

RT: 8.233 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VD078589.D

Acq: 04 Mar 2024 16:12

Instrument :

MSVOA_D

ClientSampleId :

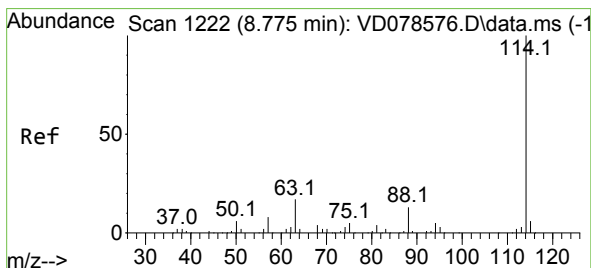
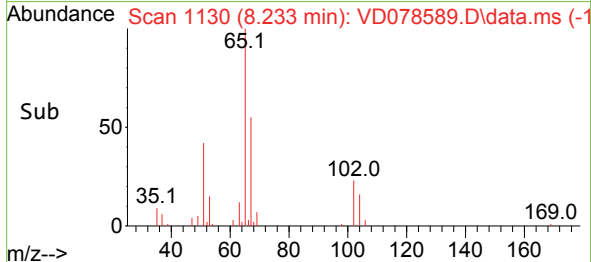
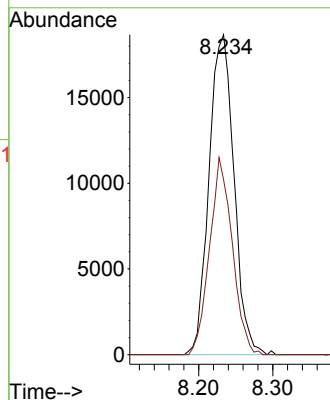
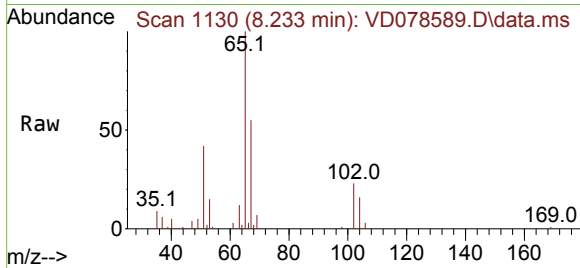
TP-3-VOC

Tgt Ion: 65 Resp: 43735

Ion Ratio Lower Upper

65 100

67 56.2 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: VD078589.D

Acq: 04 Mar 2024 16:12

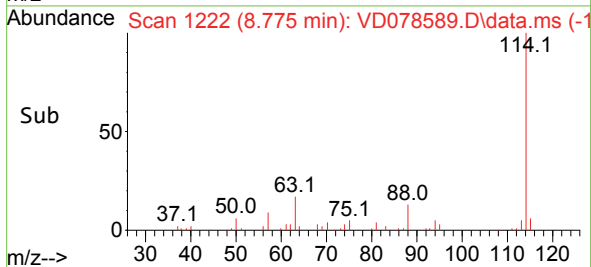
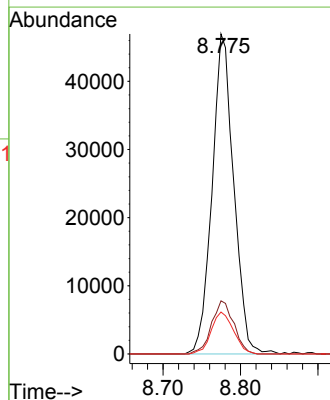
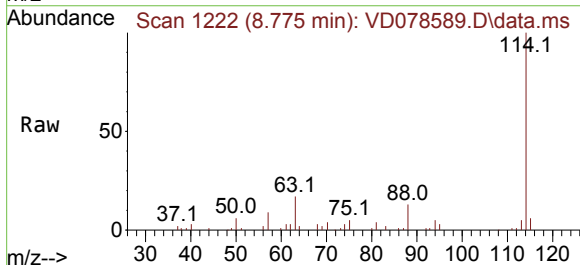
Tgt Ion: 114 Resp: 91238

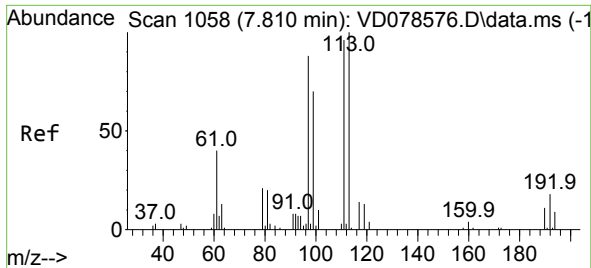
Ion Ratio Lower Upper

114 100

63 16.6 0.0 33.4

88 13.1 0.0 26.2

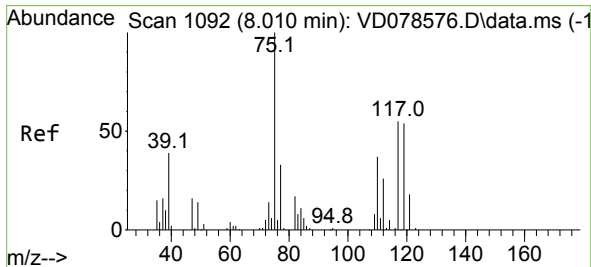
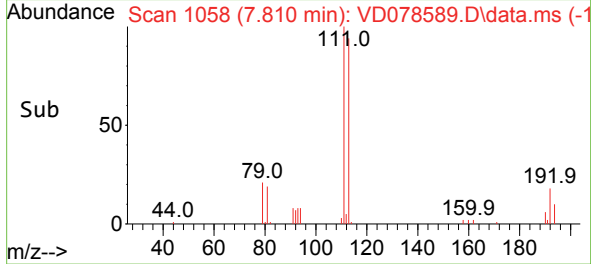
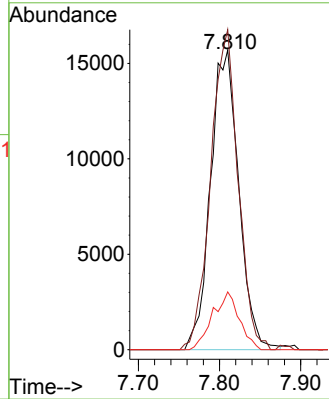
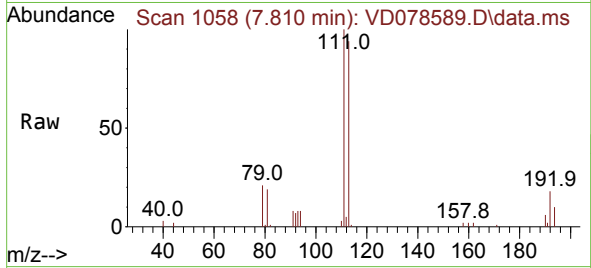




#35
Dibromofluoromethane
Concen: 64.059 ug/l
RT: 7.810 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VD078589.D
Acq: 04 Mar 2024 16:12

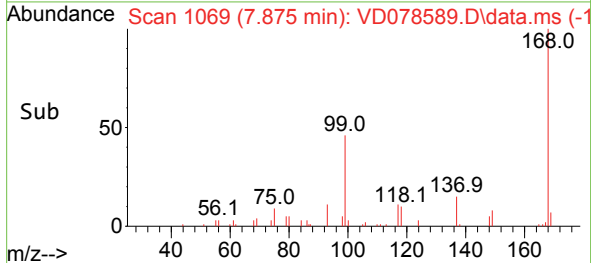
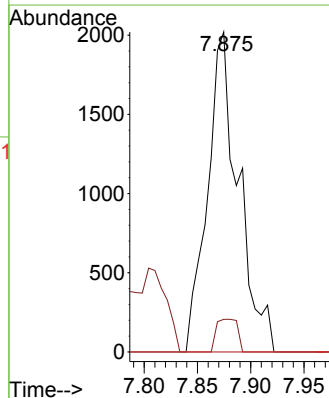
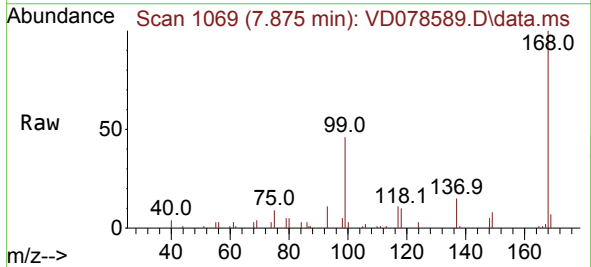
Instrument :
MSVOA_D
ClientSampleId :
TP-3-VOC

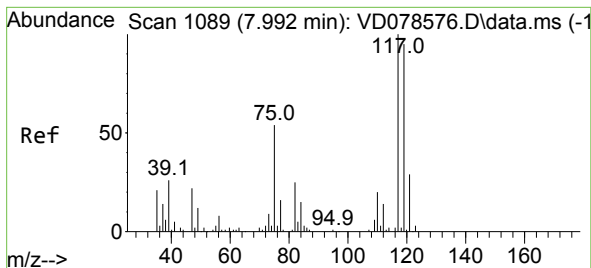
Tgt Ion:113 Resp: 38019
Ion Ratio Lower Upper
113 100
111 103.2 84.7 127.1
192 18.2 16.8 25.2



#36
1,1-Dichloropropene
Concen: 4.967 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.135 min
Lab File: VD078589.D
Acq: 04 Mar 2024 16:12

Tgt Ion: 75 Resp: 4079
Ion Ratio Lower Upper
75 100
110 6.9 19.9 59.6#
77 0.0 24.7 37.1#





#38

Carbon Tetrachloride

Concen: 5.814 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.118 min

Lab File: VD078589.D

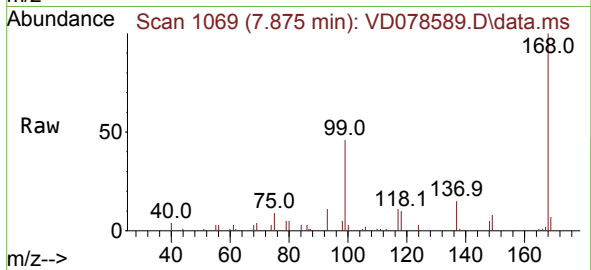
Acq: 04 Mar 2024 16:12

Instrument :

MSVOA_D

ClientSampleId :

TP-3-VOC



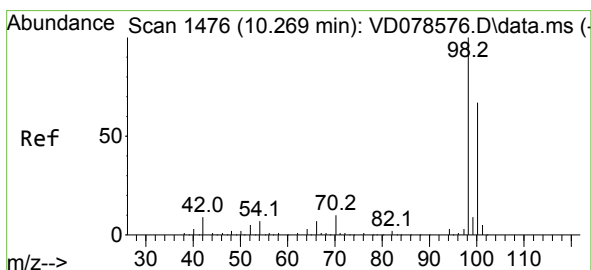
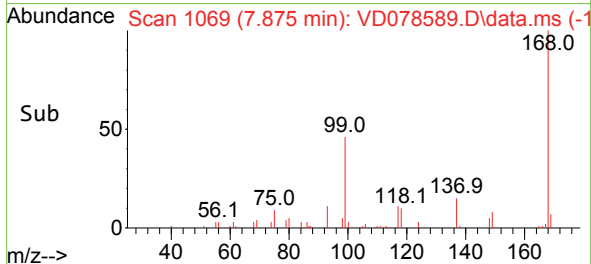
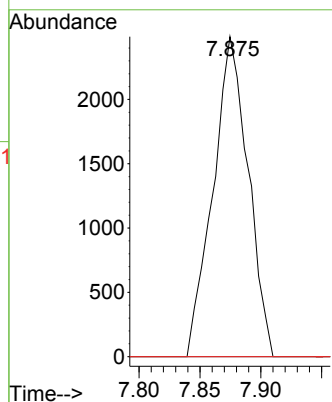
Tgt Ion:117 Resp: 4994

Ion Ratio Lower Upper

117 100

119 0.0 78.0 117.0#

121 0.0 24.2 36.2#



#50

Toluene-d8

Concen: 51.004 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD078589.D

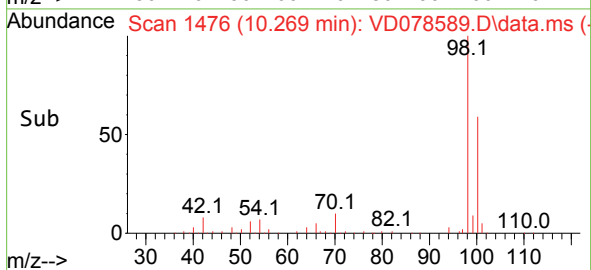
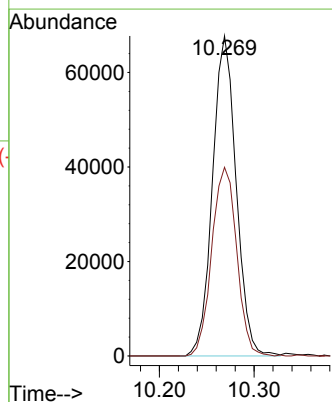
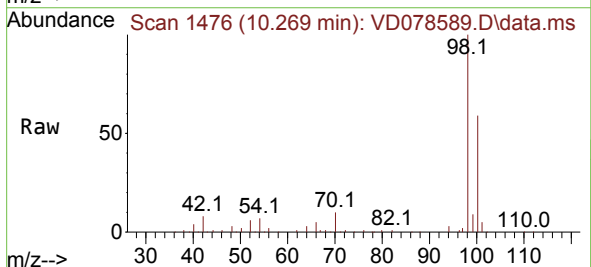
Acq: 04 Mar 2024 16:12

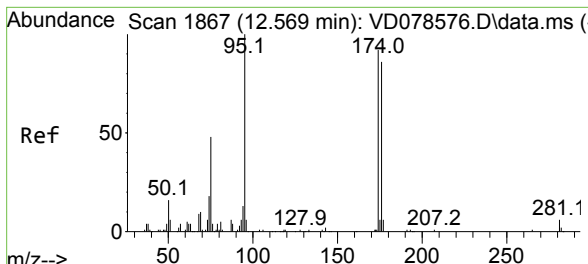
Tgt Ion: 98 Resp: 117626

Ion Ratio Lower Upper

98 100

100 62.0 50.3 75.5

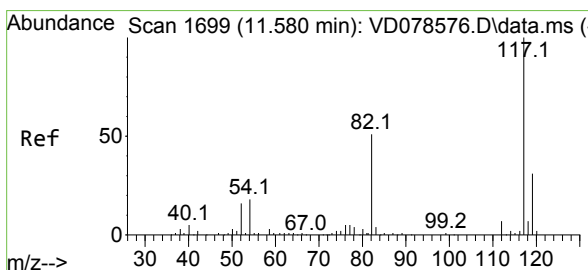
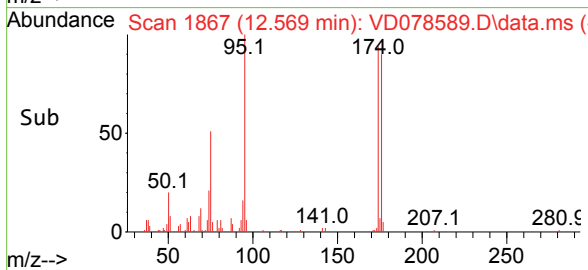
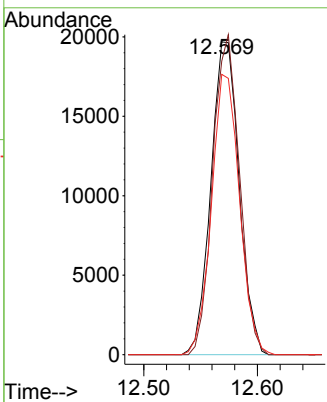
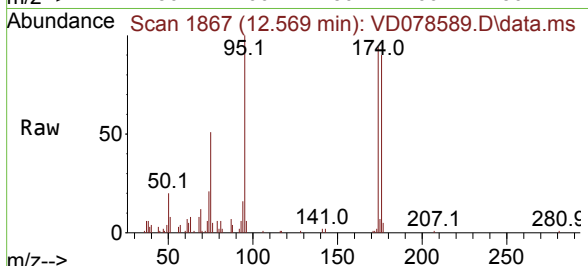




#62
 4-Bromofluorobenzene
 Concen: 51.679 ug/l
 RT: 12.569 min Scan# 1867
 Delta R.T. -0.000 min
 Lab File: VD078589.D
 Acq: 04 Mar 2024 16:12

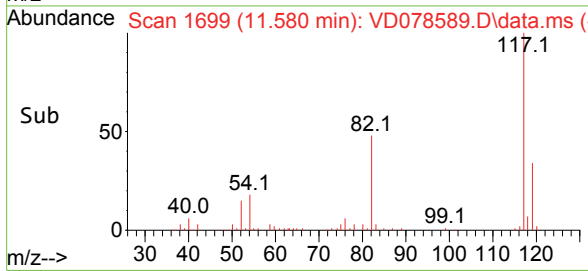
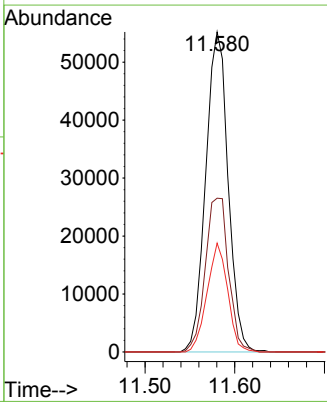
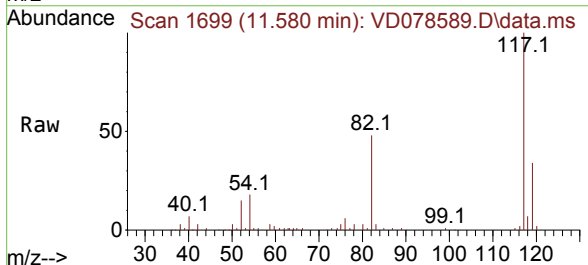
Instrument :
 MSVOA_D
 ClientSampleId :
 TP-3-VOC

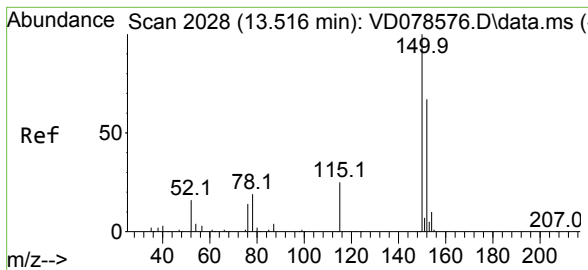
Tgt Ion:	95	Resp:	34041
Ion Ratio	Lower	Upper	
95	100		
174	96.5	0.0	201.8
176	88.9	0.0	191.8



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.580 min Scan# 1699
 Delta R.T. -0.000 min
 Lab File: VD078589.D
 Acq: 04 Mar 2024 16:12

Tgt Ion:	117	Resp:	95857
Ion Ratio	Lower	Upper	
117	100		
82	48.1	38.3	57.5
119	34.0	25.0	37.4

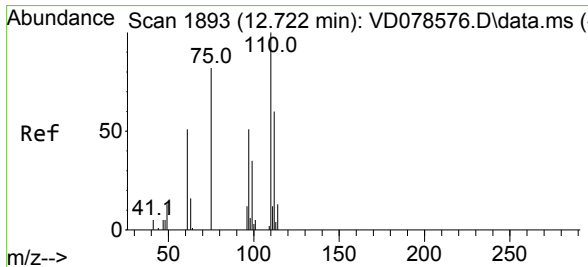
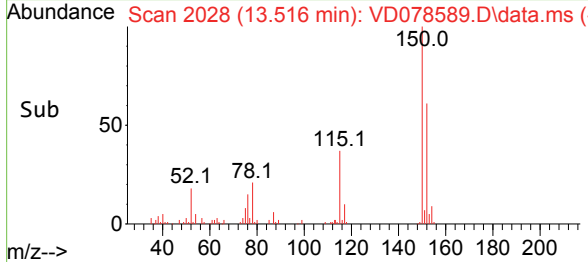
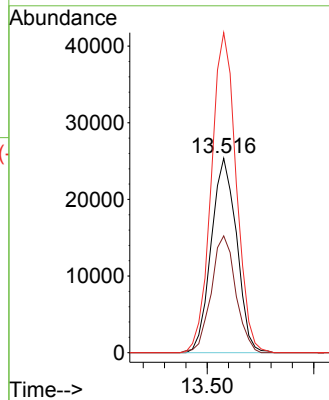
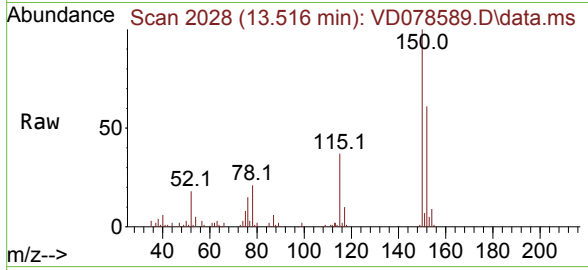




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 2028
 Delta R.T. -0.000 min
 Lab File: VD078589.D
 Acq: 04 Mar 2024 16:12

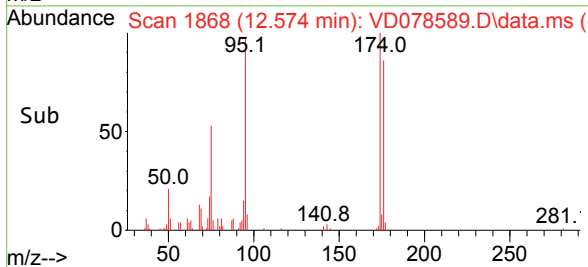
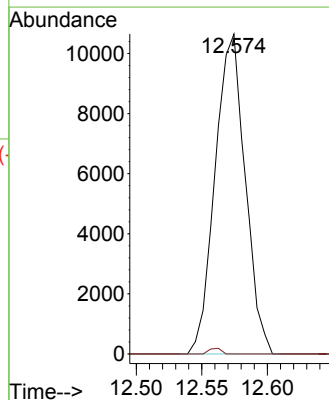
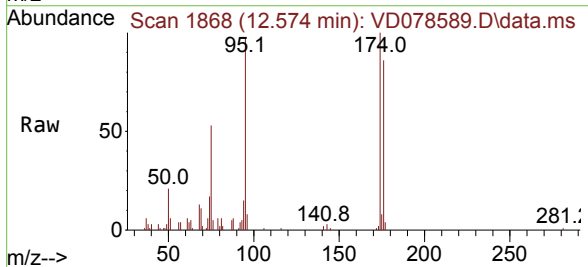
Instrument :
 MSVOA_D
 ClientSampleId :
 TP-3-VOC

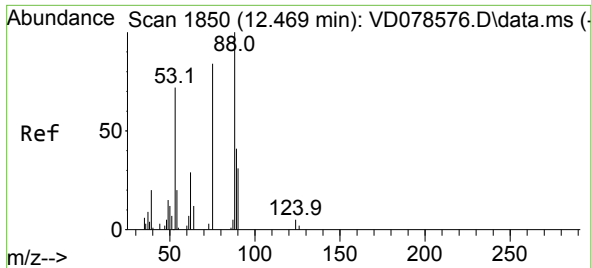
Tgt Ion:152 Resp: 41916
 Ion Ratio Lower Upper
 152 100
 115 58.2 27.1 81.3
 150 161.5 0.0 353.6



#76
 1,2,3-Trichloropropane
 Concen: 53.072 ug/l
 RT: 12.574 min Scan# 1868
 Delta R.T. -0.147 min
 Lab File: VD078589.D
 Acq: 04 Mar 2024 16:12

Tgt Ion: 75 Resp: 16990
 Ion Ratio Lower Upper
 75 100
 77 0.7 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 113.598 ug/l
RT: 12.574 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD078589.D
Acq: 04 Mar 2024 16:12

Instrument :
MSVOA_D
ClientSampleId :
TP-3-VOC

Tgt Ion: 75 Resp: 16990
Ion Ratio Lower Upper
75 100
53 0.0 63.0 94.4#
89 0.0 37.9 56.9#

