

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062623\
 Data File : VD076583.D
 Acq On : 26 Jun 2023 16:27
 Operator : KP/SY
 Sample : 03361-17RE
 Misc : 10.73G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TOTAL-VOC-SB-23-GRAB-5

Quant Time: Jun 27 04:28:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061623S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 19 04:51:45 2023
 Response via : Initial Calibration

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

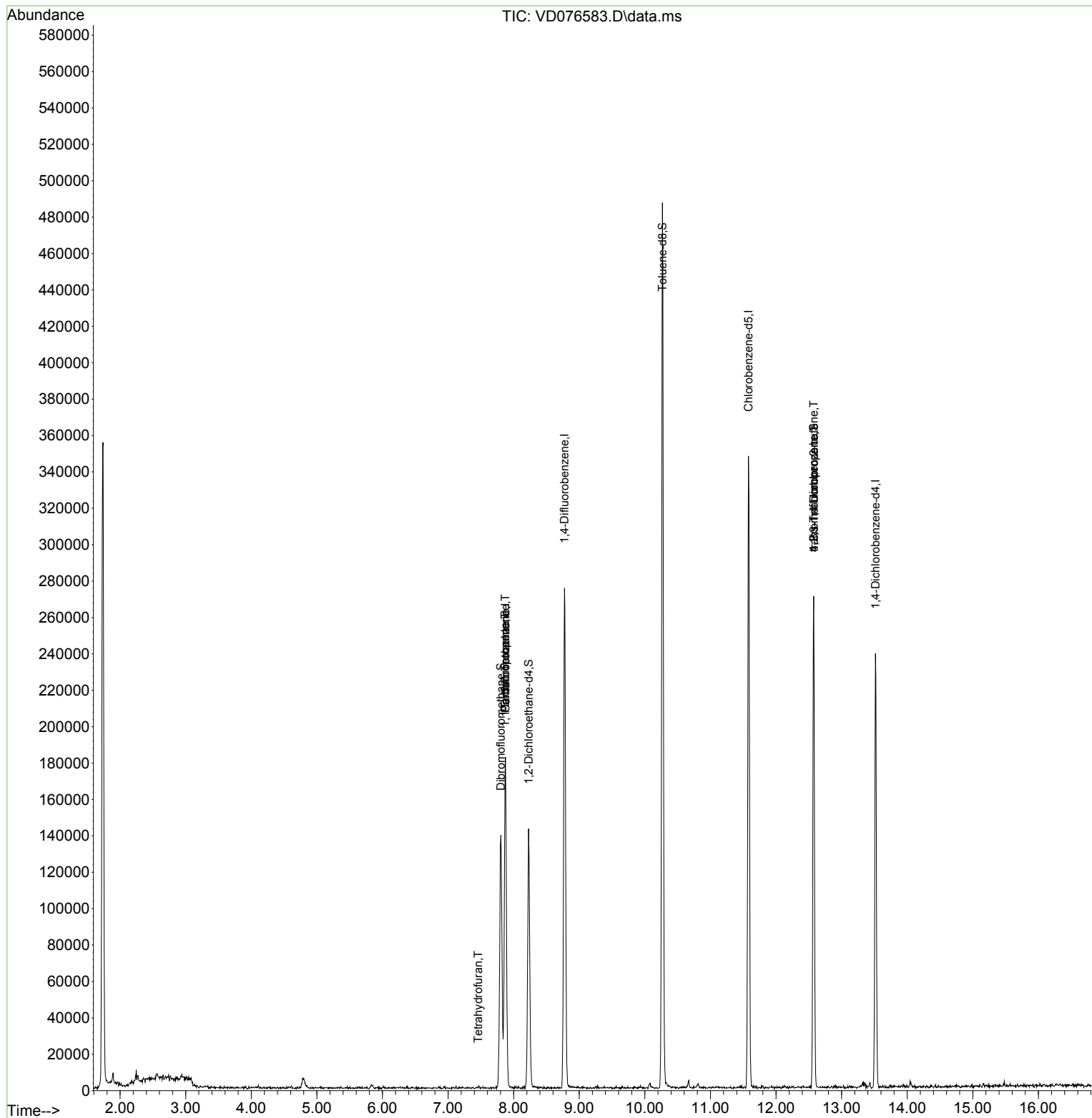
Internal Standards						
1) Pentafluorobenzene	7.875	168	137974	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	242763	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	194715	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	59224	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	102210	73.938	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 147.880%	
35) Dibromofluoromethane	7.804	113	97382	67.524	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 135.040%	
50) Toluene-d8	10.269	98	324750	59.376	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 118.760%	
62) 4-Bromofluorobenzene	12.575	95	79756	44.932	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 89.860%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.781	84	2092	Below Cal	#	89
28) Bromochloromethane	7.322	49	55	Below Cal	#	1
29) Tetrahydrofuran	7.457	42	481	1.471	ug/l #	40
36) 1,1-Dichloropropene	7.869	75	11128	5.510	ug/l #	49
38) Carbon Tetrachloride	7.875	117	13704	7.592	ug/l #	16
76) 1,2,3-Trichloropropane	12.575	75	43485	73.981	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	43485	162.110	ug/l #	17

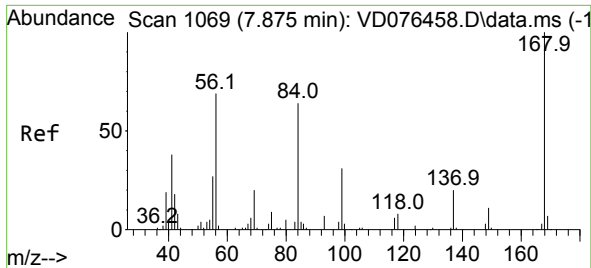
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062623\
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MSVOA_D
ClientSampleId :
TOTAL-VOC-SB-23-GRAB-5

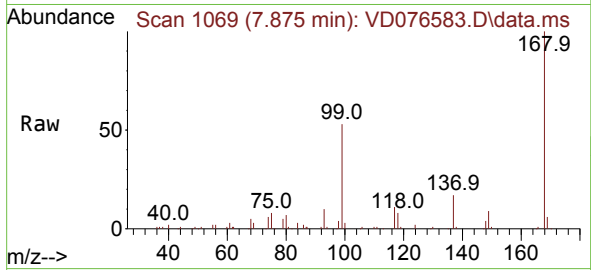
Quant Time: Jun 27 04:28:21 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061623S.M
Quant Title : SW846 8260
QLast Update : Mon Jun 19 04:51:45 2023
Response via : Initial Calibration



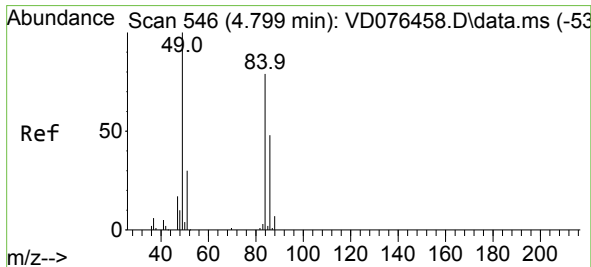
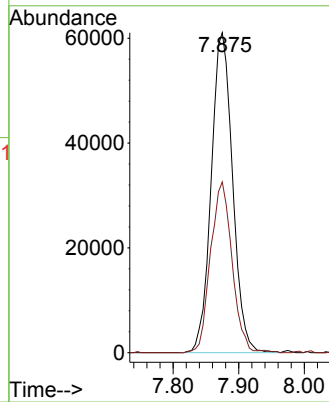
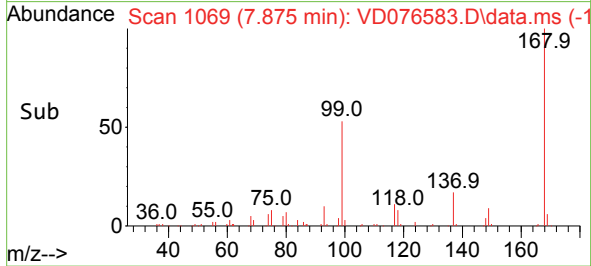


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD076583.D
Acq: 26 Jun 2023 16:27

Instrument :
MSVOA_D
ClientSampleId :
TOTAL-VOC-SB-23-GRAB-5

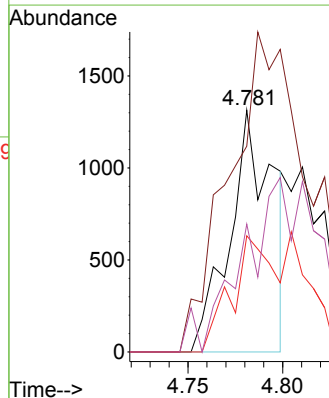
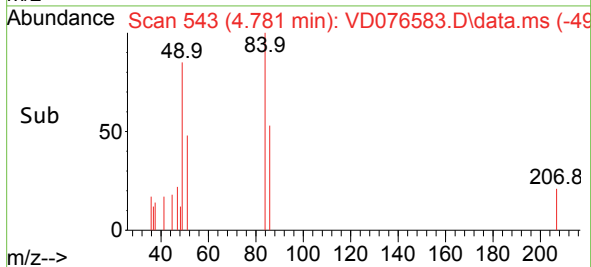
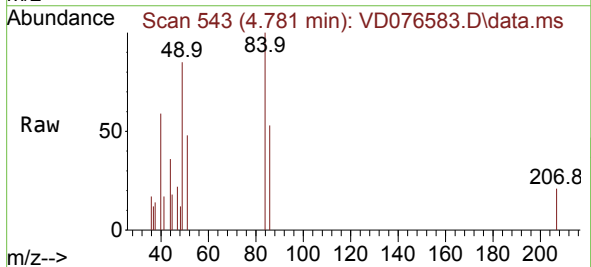


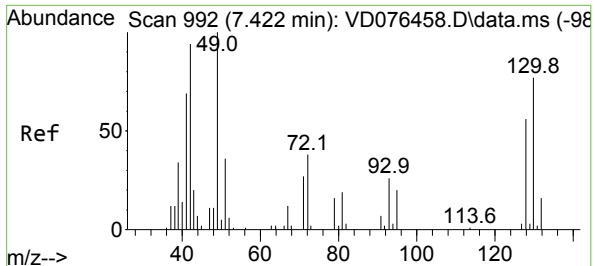
Tgt Ion:168 Resp: 137974
Ion Ratio Lower Upper
168 100
99 53.3 36.7 55.1



#20
Methylene Chloride
Concen: Below Cal
RT: 4.781 min Scan# 543
Delta R.T. -0.018 min
Lab File: VD076583.D
Acq: 26 Jun 2023 16:27

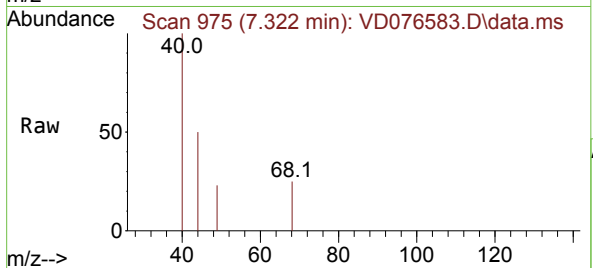
Tgt Ion: 84 Resp: 2092
Ion Ratio Lower Upper
84 100
49 85.1 71.4 107.2
51 48.0 24.5 36.7#
86 52.9 48.7 73.1



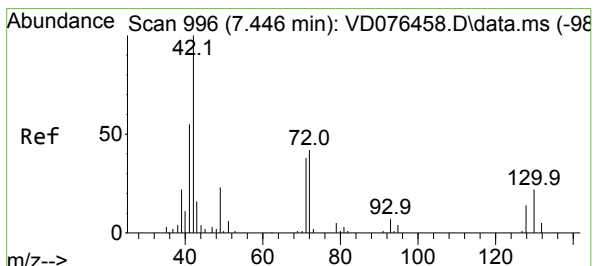
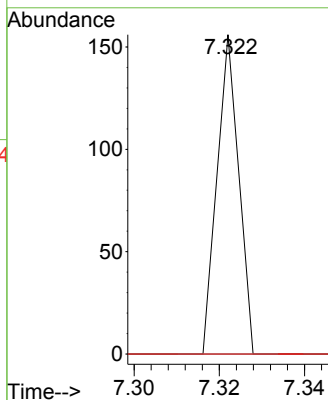
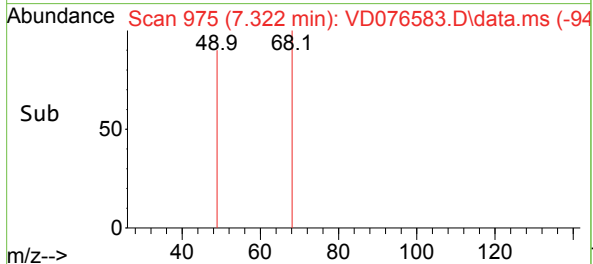


#28
Bromochloromethane
Concen: Below Cal
RT: 7.322 min Scan# 91
Delta R.T. -0.100 min
Lab File: VD076583.D
Acq: 26 Jun 2023 16:27

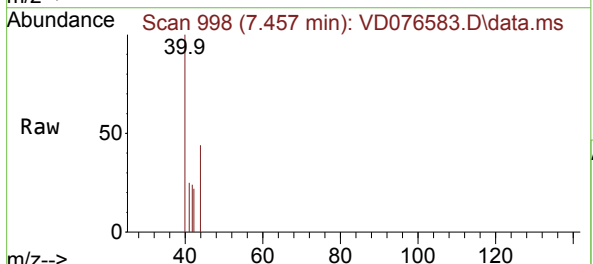
Instrument :
MSVOA_D
ClientSampleId :
TOTAL-VOC-SB-23-GRAB-5



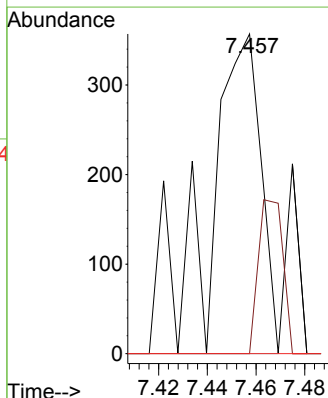
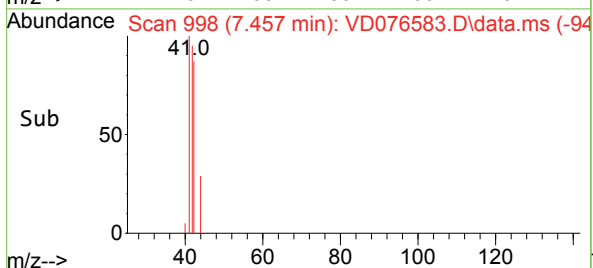
Tgt Ion: 49 Resp: 55
Ion Ratio Lower Upper
49 100
129 0.0 0.0 6.0
130 0.0 83.2 124.8#

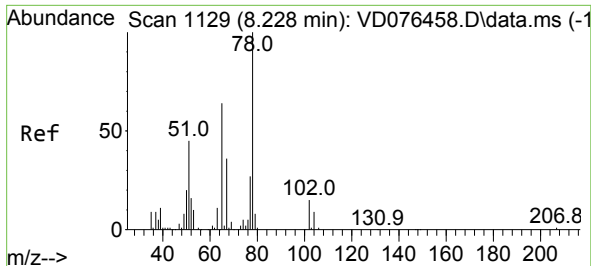


#29
Tetrahydrofuran
Concen: 1.471 ug/l
RT: 7.457 min Scan# 998
Delta R.T. 0.011 min
Lab File: VD076583.D
Acq: 26 Jun 2023 16:27



Tgt Ion: 42 Resp: 481
Ion Ratio Lower Upper
42 100
72 24.9 46.5 69.7#
71 0.0 44.5 66.7#





#33

1,2-Dichloroethane-d4

Concen: 73.938 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD076583.D

Acq: 26 Jun 2023 16:27

Instrument :

MSVOA_D

ClientSampleId :

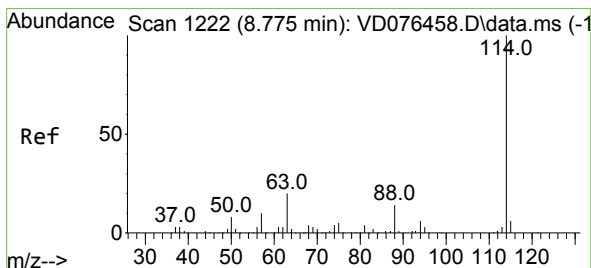
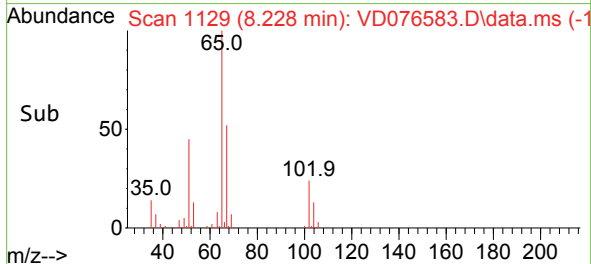
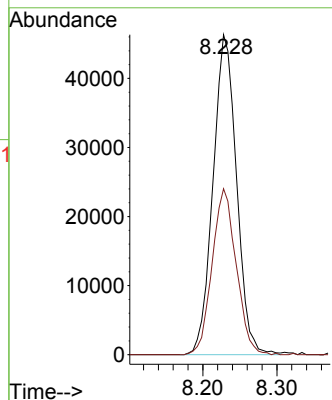
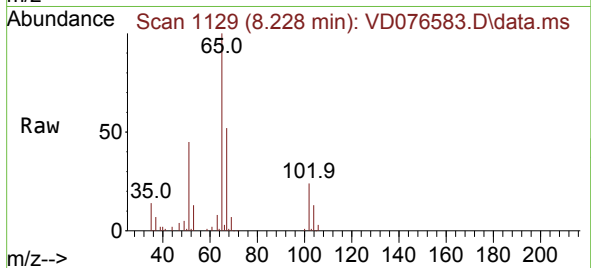
TOTAL-VOC-SB-23-GRAB-5

Tgt Ion: 65 Resp: 102210

Ion Ratio Lower Upper

65 100

67 53.0 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: VD076583.D

Acq: 26 Jun 2023 16:27

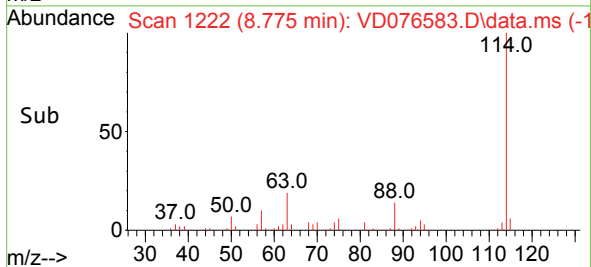
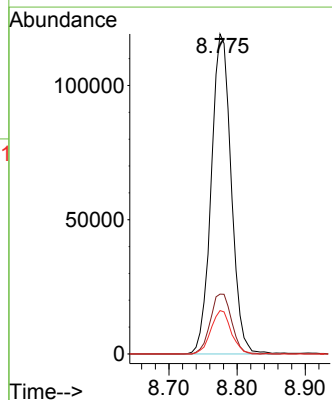
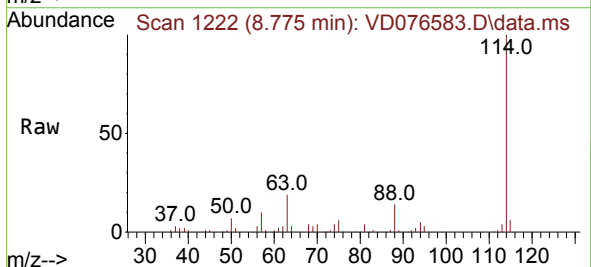
Tgt Ion: 114 Resp: 242763

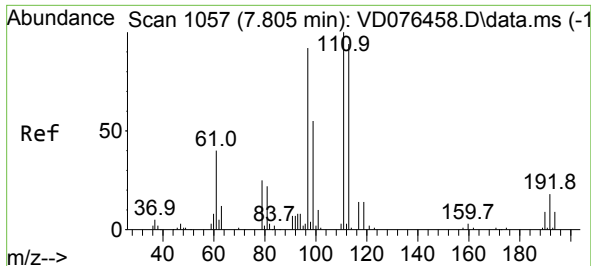
Ion Ratio Lower Upper

114 100

63 18.7 0.0 33.4

88 13.5 0.0 26.2





#35

Dibromofluoromethane

Concen: 67.524 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD076583.D

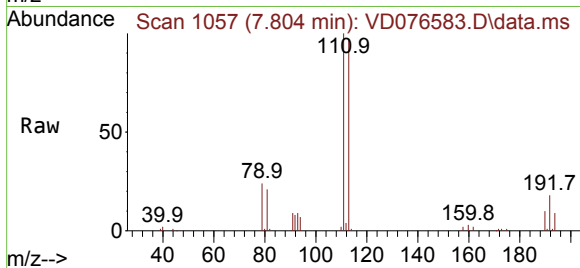
Acq: 26 Jun 2023 16:27

Instrument :

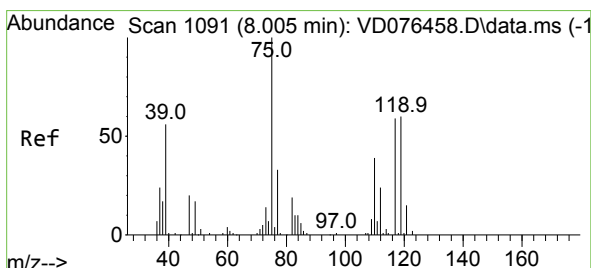
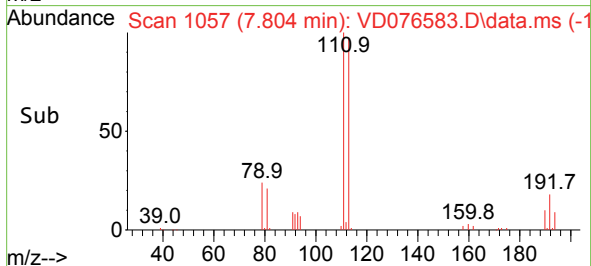
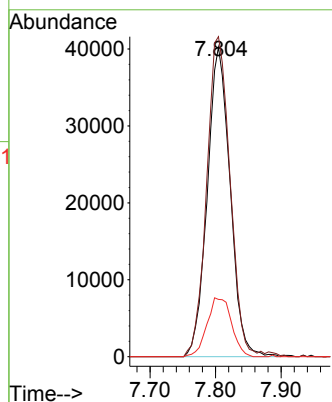
MSVOA_D

ClientSampleId :

TOTAL-VOC-SB-23-GRAB-5



Tgt Ion:	113	Resp:	97382
Ion	Ratio	Lower	Upper
113	100		
111	106.6	84.7	127.1
192	20.3	16.8	25.2



#36

1,1-Dichloropropene

Concen: 5.510 ug/l

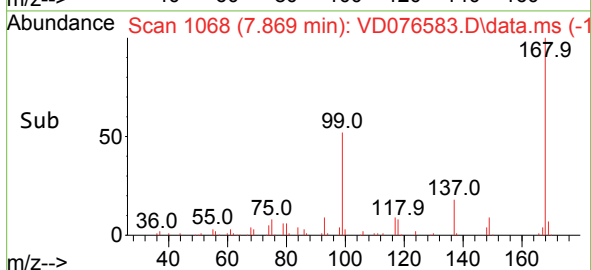
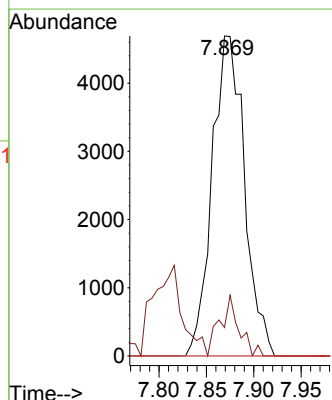
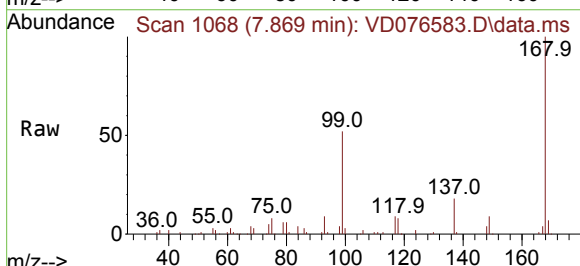
RT: 7.869 min Scan# 1068

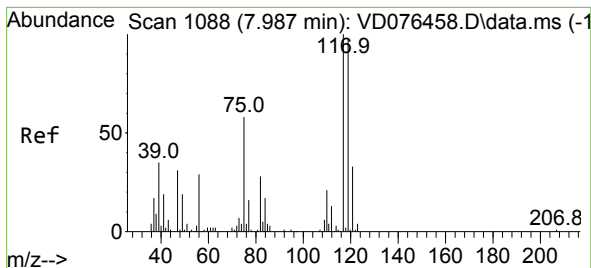
Delta R.T. -0.136 min

Lab File: VD076583.D

Acq: 26 Jun 2023 16:27

Tgt Ion:	75	Resp:	11128
Ion	Ratio	Lower	Upper
75	100		
110	11.2	19.9	59.6#
77	0.0	24.7	37.1#





#38

Carbon Tetrachloride

Concen: 7.592 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.112 min

Lab File: VD076583.D

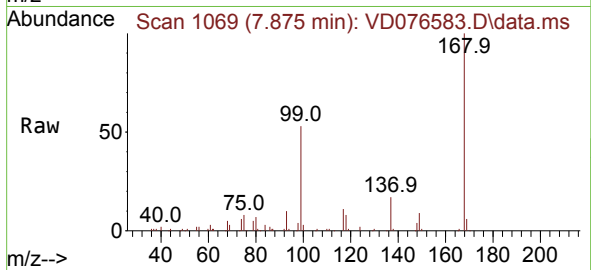
Acq: 26 Jun 2023 16:27

Instrument :

MSVOA_D

ClientSampleId :

TOTAL-VOC-SB-23-GRAB-5



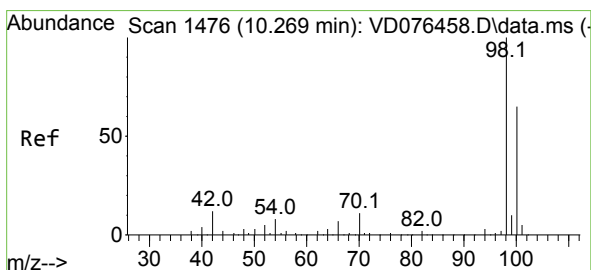
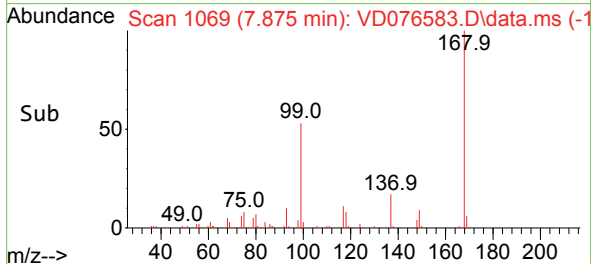
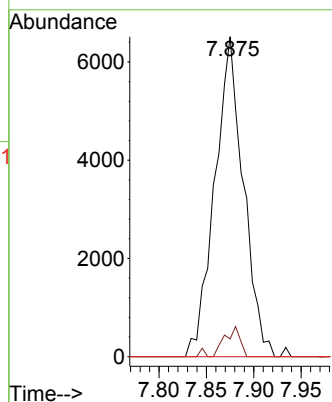
Tgt Ion:117 Resp: 13704

Ion Ratio Lower Upper

117 100

119 5.6 78.0 117.0#

121 0.0 24.2 36.2#



#50

Toluene-d8

Concen: 59.376 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD076583.D

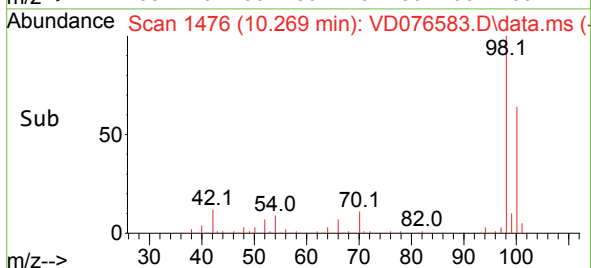
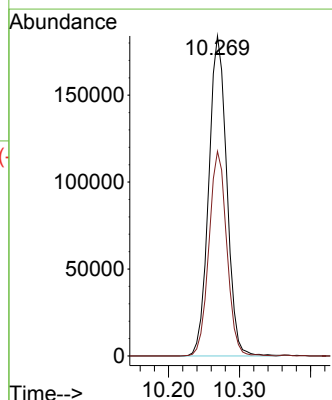
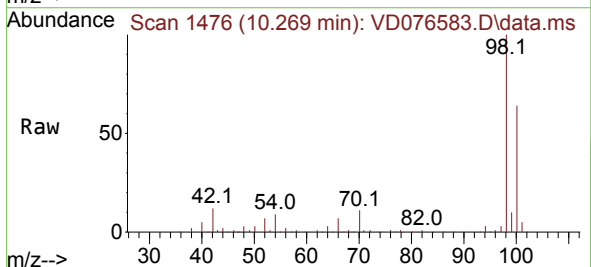
Acq: 26 Jun 2023 16:27

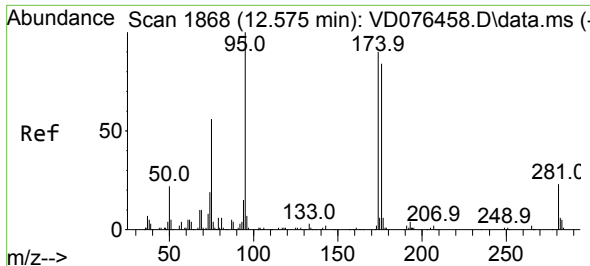
Tgt Ion: 98 Resp: 324750

Ion Ratio Lower Upper

98 100

100 63.2 50.3 75.5

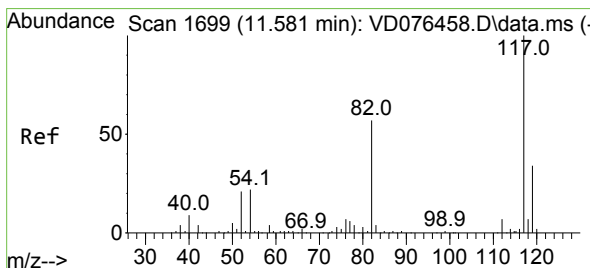
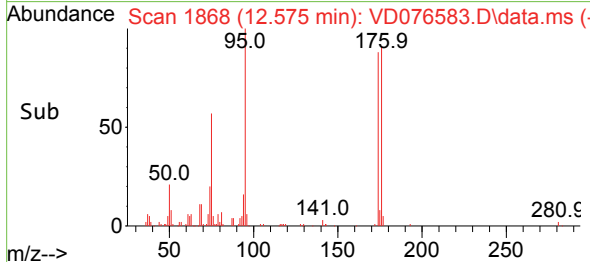
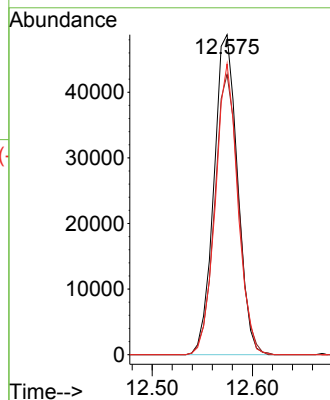
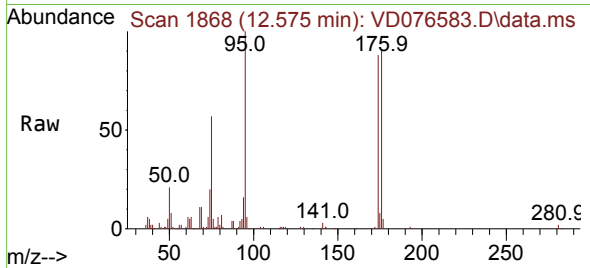




#62
4-Bromofluorobenzene
Concen: 44.932 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076583.D
Acq: 26 Jun 2023 16:27

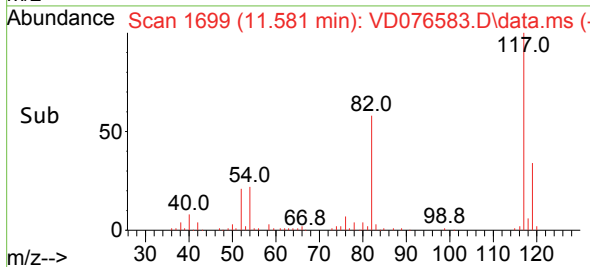
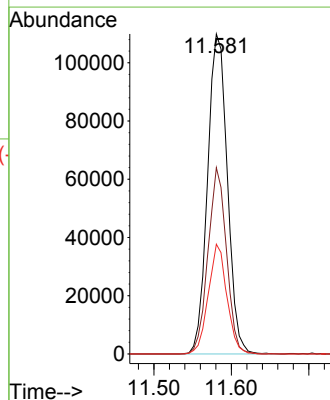
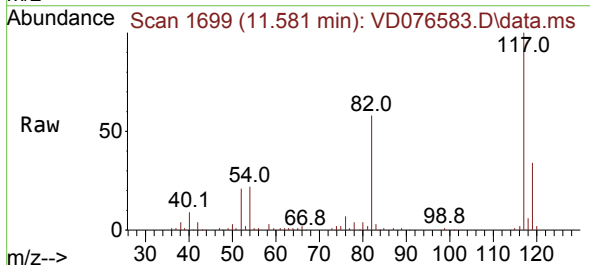
Instrument :
MSVOA_D
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TOTAL-VOC-SB-23-GRAB-5

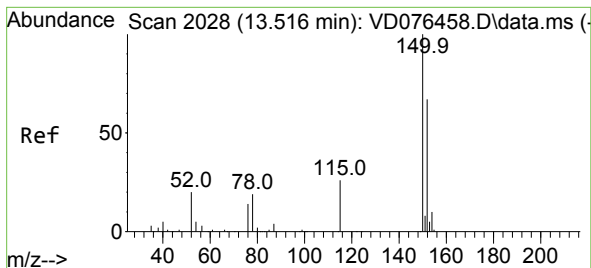
Tgt Ion:	95	Resp:	79756
Ion	Ratio	Lower	Upper
95	100		
174	88.1	0.0	201.8
176	86.4	0.0	191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD076583.D
Acq: 26 Jun 2023 16:27

Tgt Ion:	117	Resp:	194715
Ion	Ratio	Lower	Upper
117	100		
82	58.2	38.3	57.5#
119	34.3	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: VD076583.D

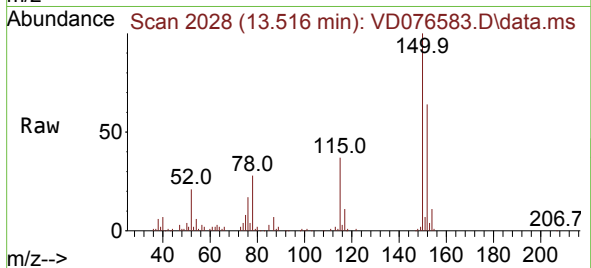
Acq: 26 Jun 2023 16:27

Instrument :

MSVOA_D

ClientSampleId :

TOTAL-VOC-SB-23-GRAB-5



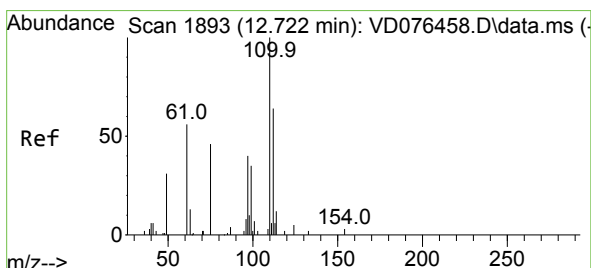
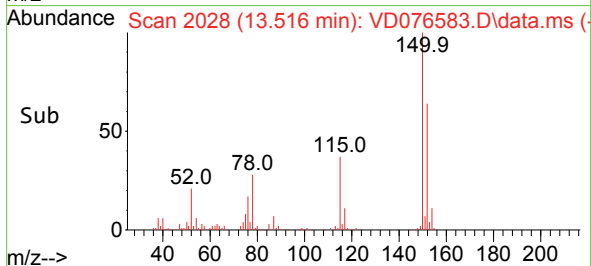
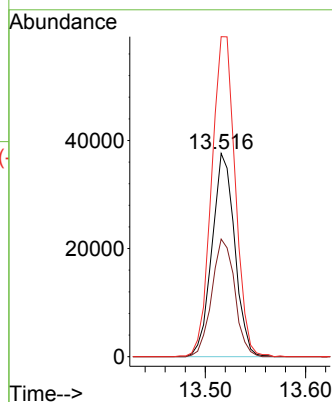
Tgt Ion:152 Resp: 59224

Ion Ratio Lower Upper

152 100

115 58.4 27.1 81.3

150 164.1 0.0 353.6



#76

1,2,3-Trichloropropane

Concen: 73.981 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. -0.147 min

Lab File: VD076583.D

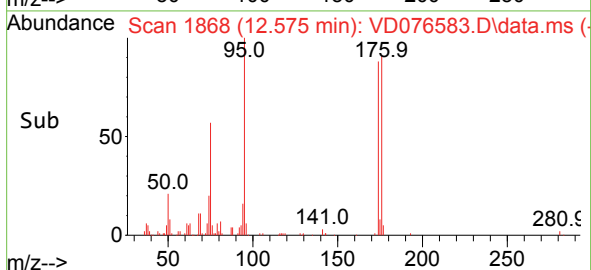
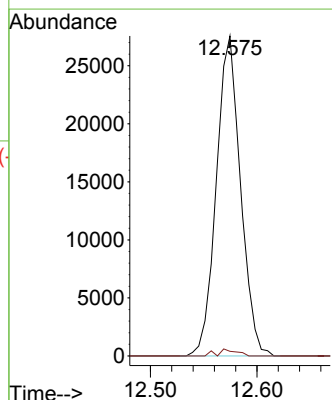
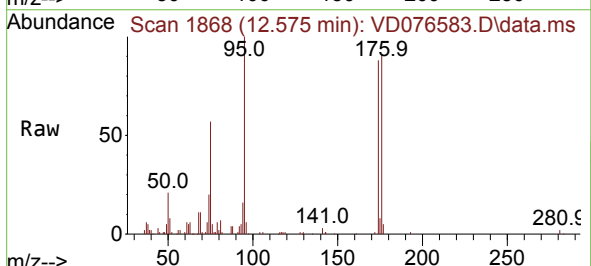
Acq: 26 Jun 2023 16:27

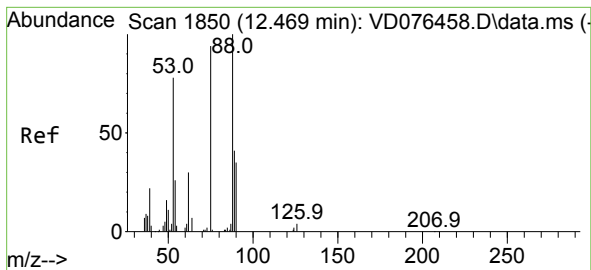
Tgt Ion: 75 Resp: 43485

Ion Ratio Lower Upper

75 100

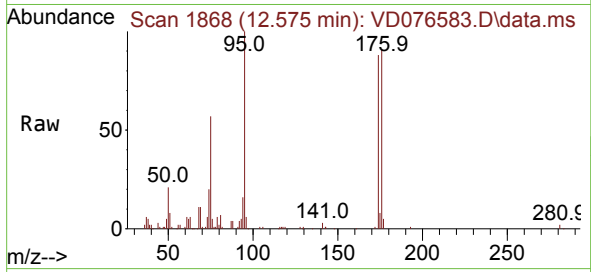
77 1.7 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 162.110 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. 0.106 min
 Lab File: VD076583.D
 Acq: 26 Jun 2023 16:27

Instrument : MSVOA_D
 ClientSampleId : TOTAL-VOC-SB-23-GRAB-5



Tgt Ion:	75	Resp:	43485
Ion	Ratio	Lower	Upper
75	100		
53	0.0	63.0	94.4#
89	0.0	37.9	56.9#

