

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062623\
 Data File : VD076582.D
 Acq On : 26 Jun 2023 15:57
 Operator : KP/SY
 Sample : 03361-12RE
 Misc : 14.52G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TOTAL-VOC-SB-31-36-SB-36-GRAB-5

Quant Time: Jun 27 04:27:59 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)

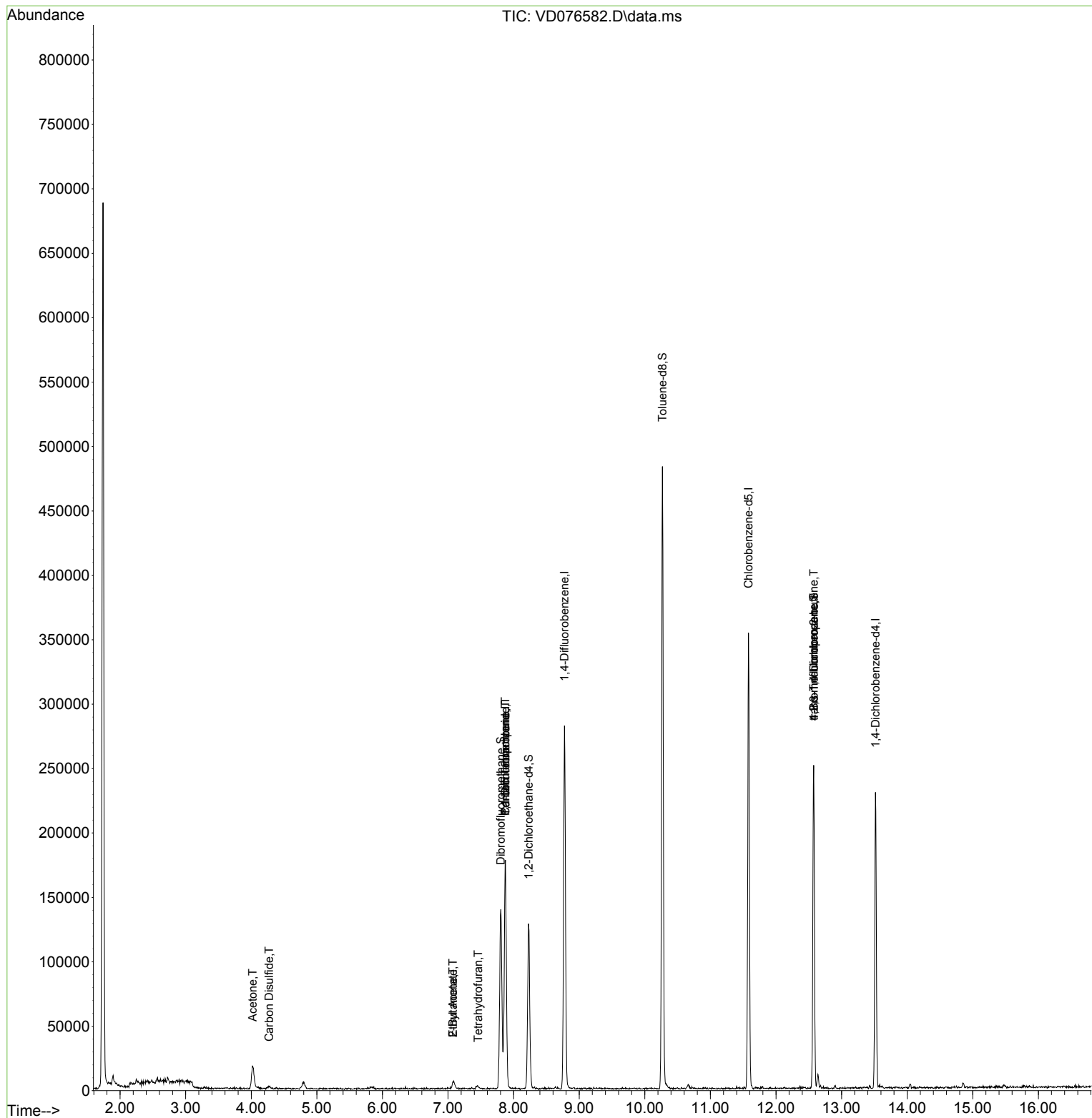
Internal Standards						
1) Pentafluorobenzene	7.875	168	134337	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	243519	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	195161	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	58198	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	96701	71.846	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	143.700%
35) Dibromofluoromethane	7.805	113	98524	68.104	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	136.200%
50) Toluene-d8	10.269	98	320285	58.378	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	116.760%
62) 4-Bromofluorobenzene	12.575	95	76277	42.838	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	85.680%
Target Compounds						
						Qvalue
16) Acetone	4.022	43	30319	94.663	ug/l #	86
17) Carbon Disulfide	4.269	76	3642	1.084	ug/l #	76
20) Methylene Chloride	4.799	84	4080	Below Cal		89
25) 2-Butanone	7.075	43	9936	20.057	ug/l #	72
28) Bromochloromethane	7.422	49	54	Below Cal	#	1
29) Tetrahydrofuran	7.458	42	1687	5.299	ug/l #	25
36) 1,1-Dichloropropene	7.875	75	10587	5.226	ug/l #	48
37) Ethyl Acetate	7.075	43	9936	8.464	ug/l #	62
38) Carbon Tetrachloride	7.875	117	14236	7.862	ug/l #	16
76) 1,2,3-Trichloropropane	12.575	75	40526	70.163	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	40526	153.742	ug/l #	17

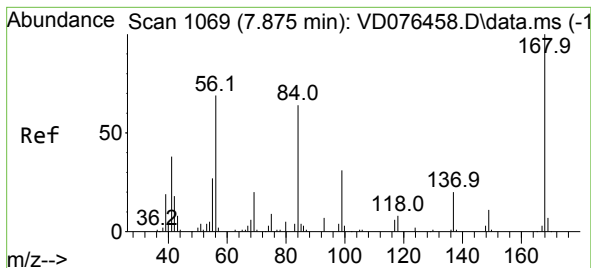
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 27 04:27:59 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: VD076582.D

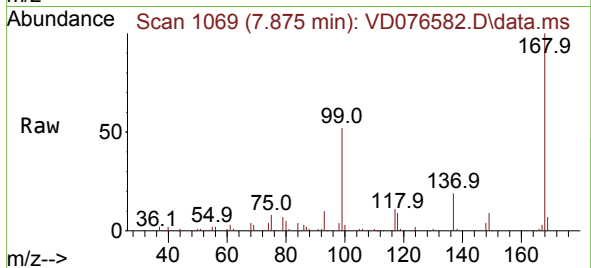
Acq: 26 Jun 2023 15:57

Instrument :

MSVOA_D

ClientSampleId :

TOTAL-VOC-SB-31-36-SB-36-GRAB-5

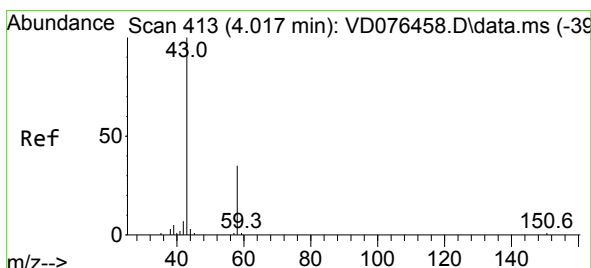
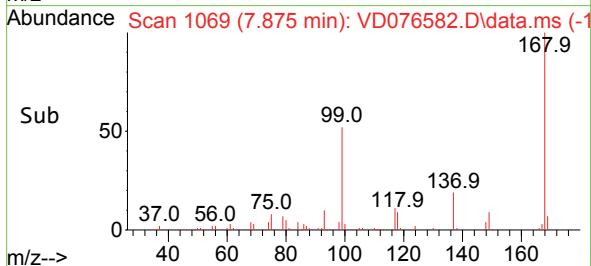
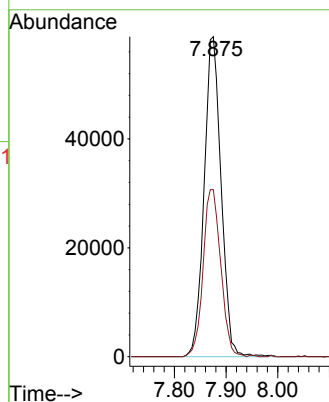


Tgt Ion:168 Resp: 134337

Ion Ratio Lower Upper

168 100

99 52.2 36.7 55.1



#16

Acetone

Concen: 94.663 ug/l

RT: 4.022 min Scan# 414

Delta R.T. 0.006 min

Lab File: VD076582.D

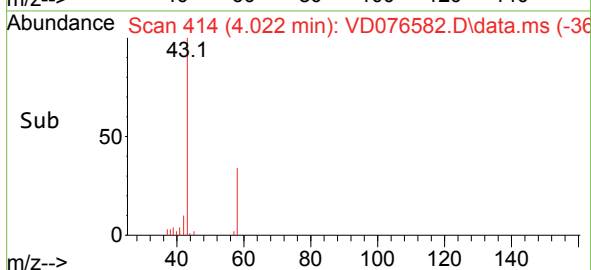
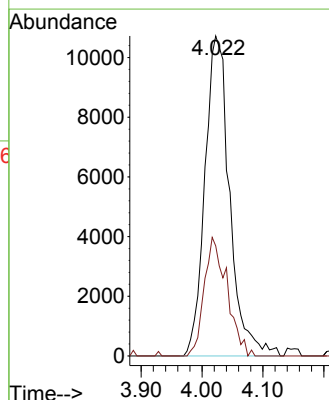
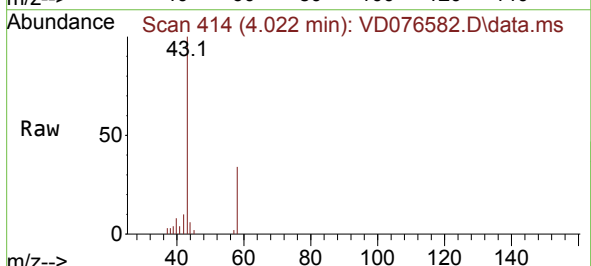
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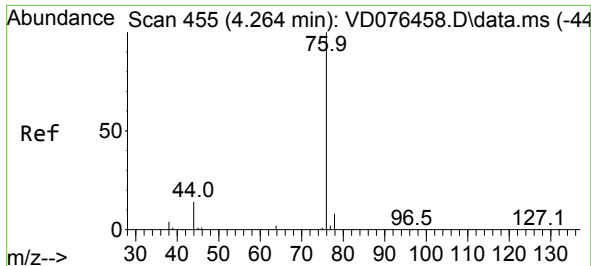
Tgt Ion: 43 Resp: 30319

Ion Ratio Lower Upper

43 100

58 34.4 34.7 52.1#

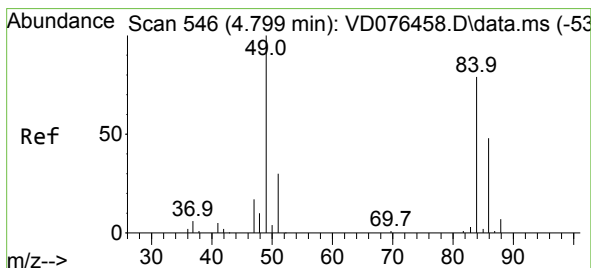
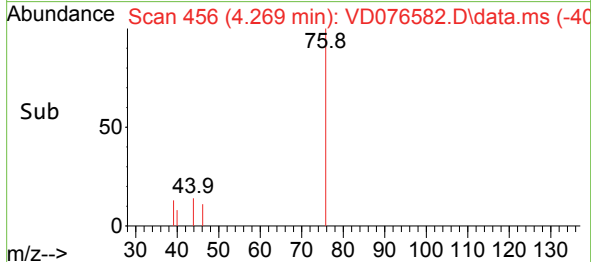
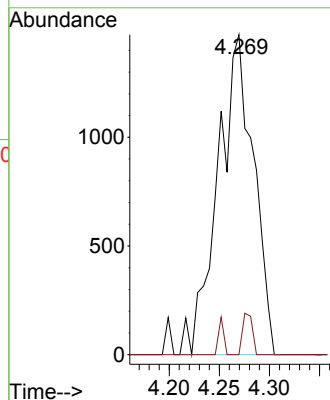
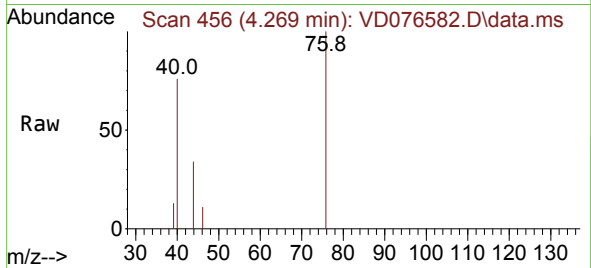




#17
Carbon Disulfide
Concen: 1.084 ug/l
RT: 4.269 min Scan# 41
Delta R.T. 0.006 min
Lab File: VD076582.D
Acq: 26 Jun 2023 15:57

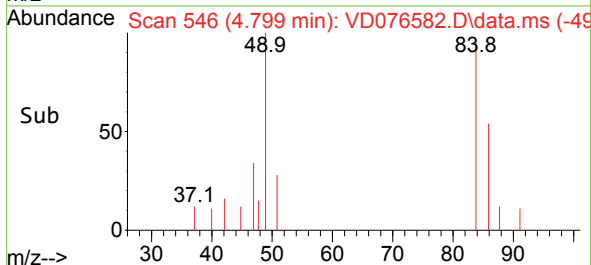
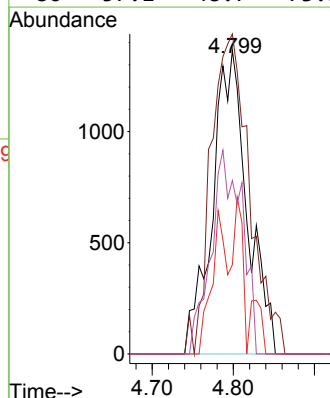
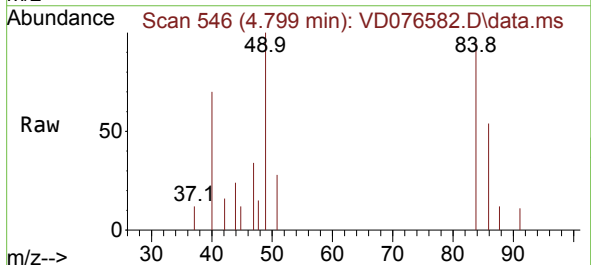
Instrument :
MSVOA_D
ClientSampleId :
TOTAL-VOC-SB-31-36-SB-36-GRAB-5

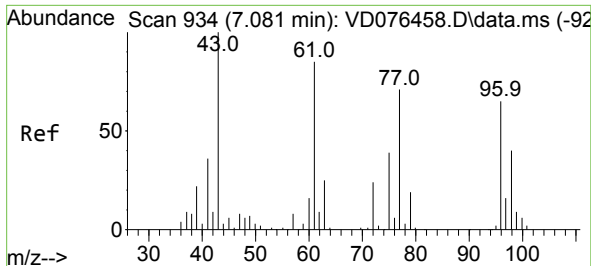
Tgt Ion: 76 Resp: 3642
Ion Ratio Lower Upper
76 100
78 0.0 6.8 10.2#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD076582.D
Acq: 26 Jun 2023 15:57

Tgt Ion: 84 Resp: 4080
Ion Ratio Lower Upper
84 100
49 105.3 71.4 107.2
51 29.4 24.5 36.7
86 57.1 48.7 73.1

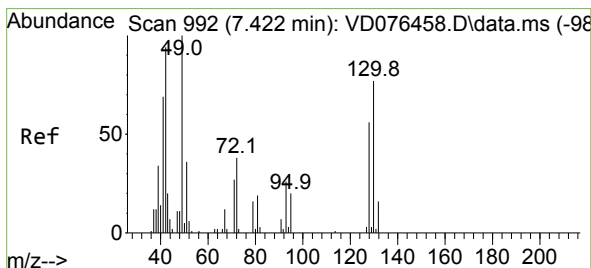
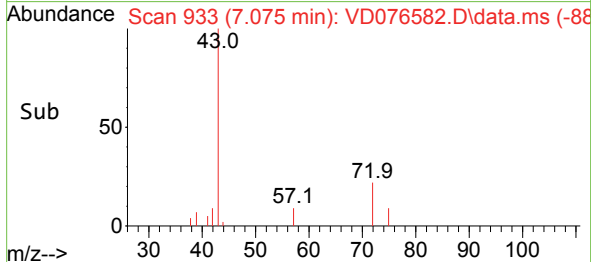
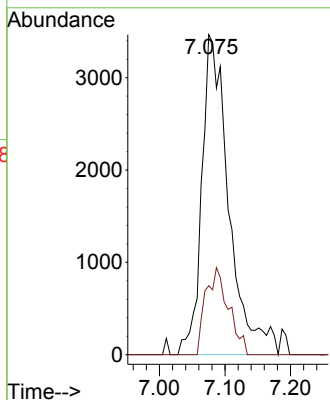
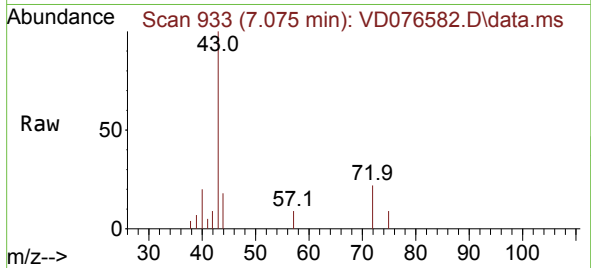




#25
2-Butanone
Concen: 20.057 ug/l
RT: 7.075 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD076582.D
Acq: 26 Jun 2023 15:57

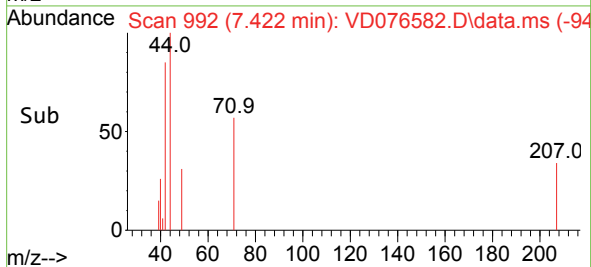
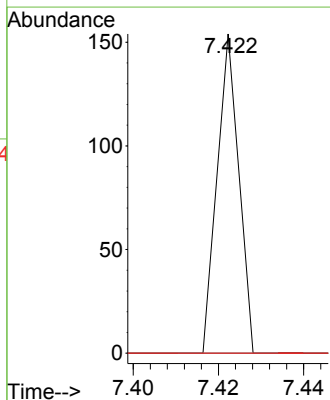
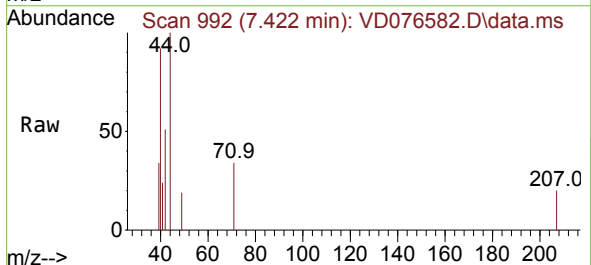
Instrument :
MSVOA_D
ClientSampleId :
TOTAL-VOC-SB-31-36-SB-36-GRAB-5

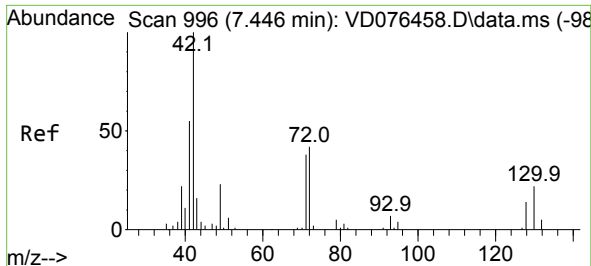
Tgt Ion: 43 Resp: 9936
Ion Ratio Lower Upper
43 100
72 21.6 30.7 46.1#



#28
Bromochloromethane
Concen: Below Cal
RT: 7.422 min Scan# 992
Delta R.T. 0.000 min
Lab File: VD076582.D
Acq: 26 Jun 2023 15:57

Tgt Ion: 49 Resp: 54
Ion Ratio Lower Upper
49 100
129 0.0 0.0 6.0
130 0.0 83.2 124.8#

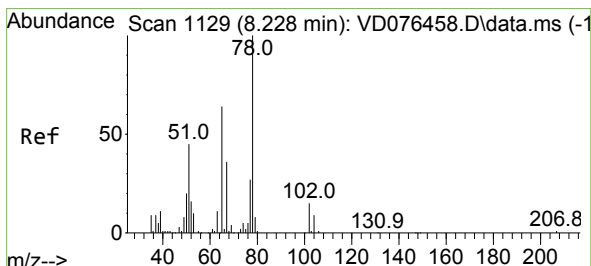
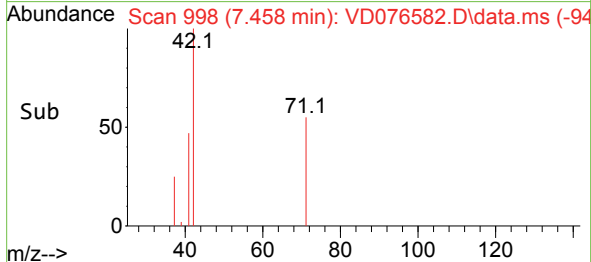
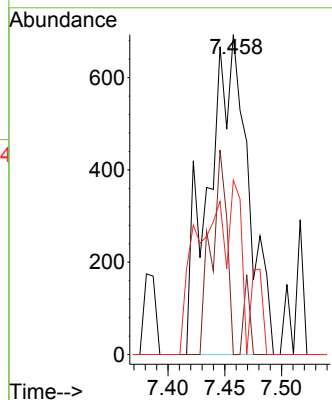
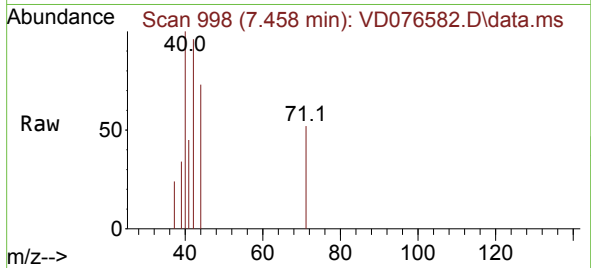




#29
Tetrahydrofuran
Concen: 5.299 ug/l
RT: 7.458 min Scan# 996
Delta R.T. 0.012 min
Lab File: VD076582.D
Acq: 26 Jun 2023 15:57

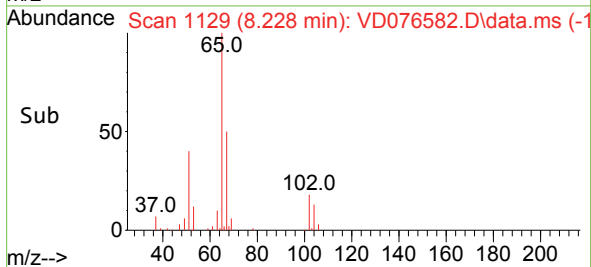
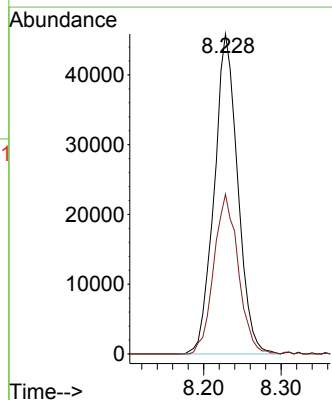
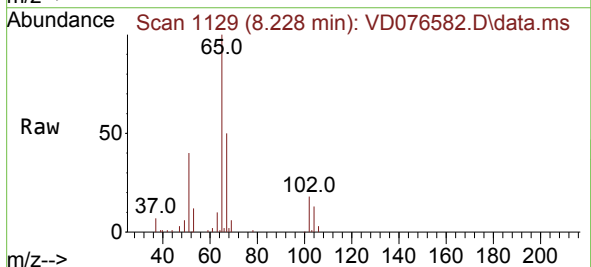
Instrument :
MSVOA_D
ClientSampleId :
TOTAL-VOC-SB-31-36-SB-36-GRAB-5

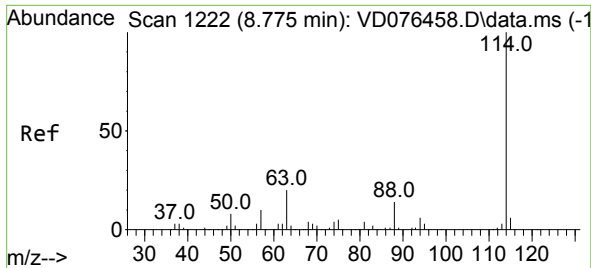
Tgt Ion: 42 Resp: 1687
Ion Ratio Lower Upper
42 100
72 3.6 46.5 69.7#
71 0.0 44.5 66.7#



#33
1,2-Dichloroethane-d4
Concen: 71.846 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD076582.D
Acq: 26 Jun 2023 15:57

Tgt Ion: 65 Resp: 96701
Ion Ratio Lower Upper
65 100
67 51.9 0.0 115.0

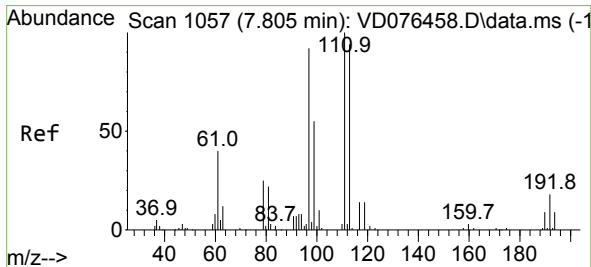
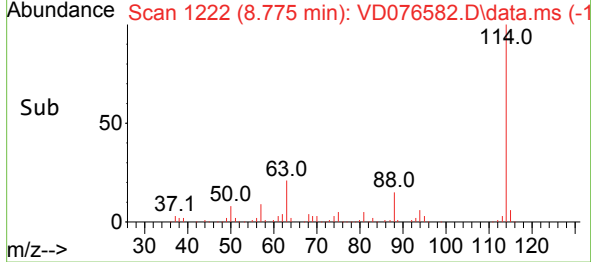
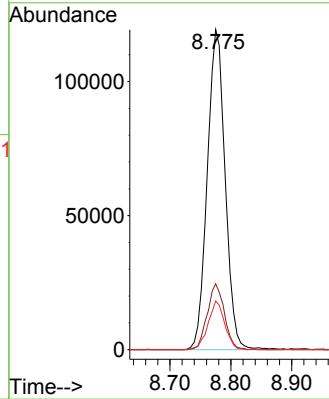
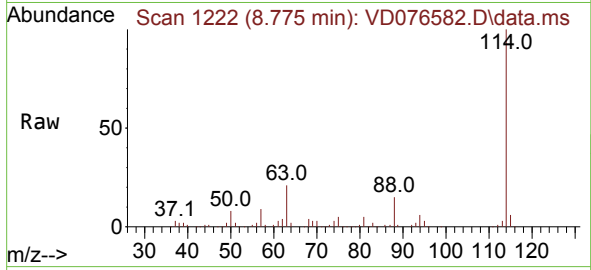




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 114
Delta R.T. 0.000 min
Lab File: VD076582.D
Acq: 26 Jun 2023 15:57

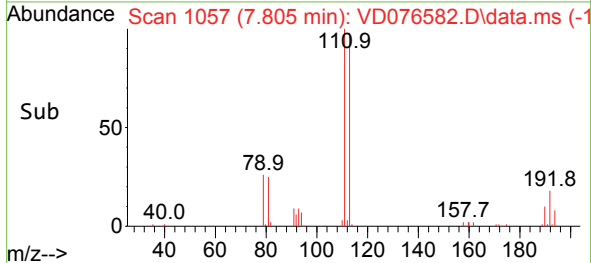
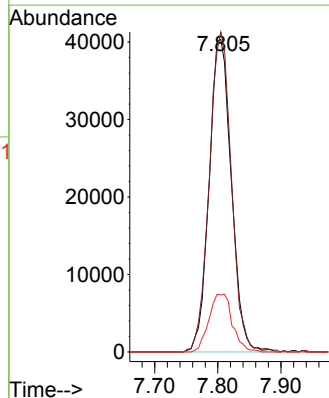
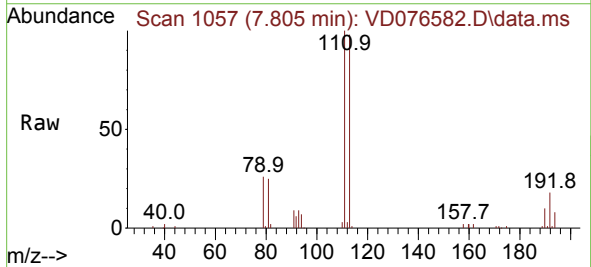
Instrument :
MSVOA_D
ClientSampleId :
TOTAL-VOC-SB-31-36-SB-36-GRAB-5

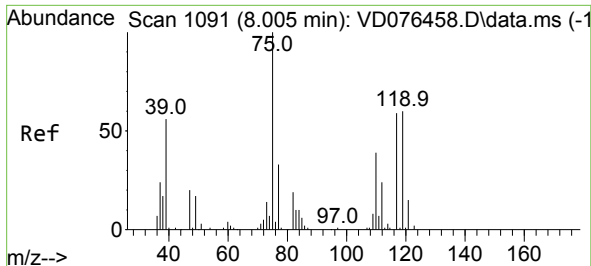
Tgt Ion:114 Resp: 243519
Ion Ratio Lower Upper
114 100
63 20.6 0.0 33.4
88 15.3 0.0 26.2



#35
Dibromofluoromethane
Concen: 68.104 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VD076582.D
Acq: 26 Jun 2023 15:57

Tgt Ion:113 Resp: 98524
Ion Ratio Lower Upper
113 100
111 102.2 84.7 127.1
192 19.6 16.8 25.2

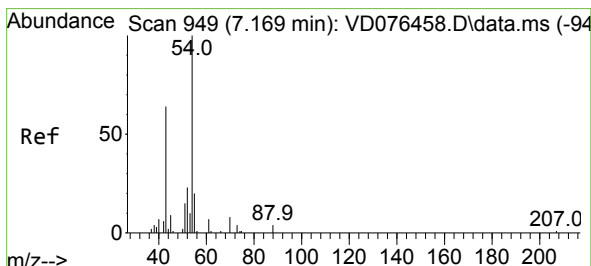
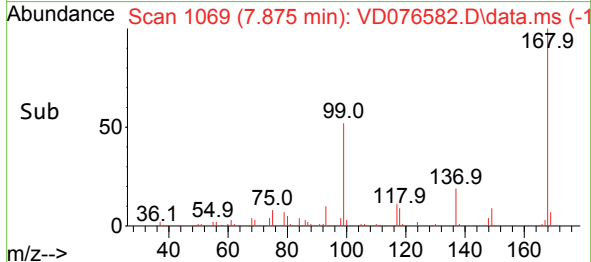
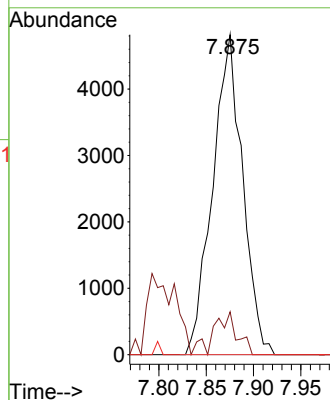
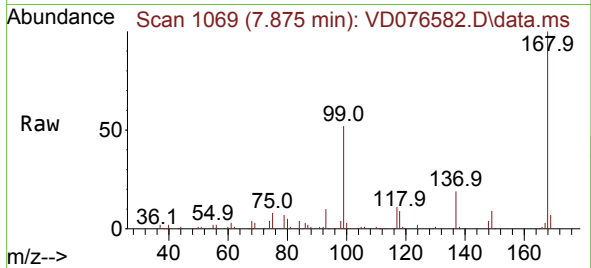




#36
1,1-Dichloropropene
Concen: 5.226 ug/l
RT: 7.875 min Scan# 1091
Delta R.T. -0.129 min
Lab File: VD076582.D
Acq: 26 Jun 2023 15:57

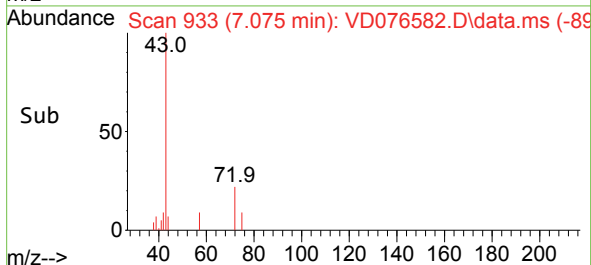
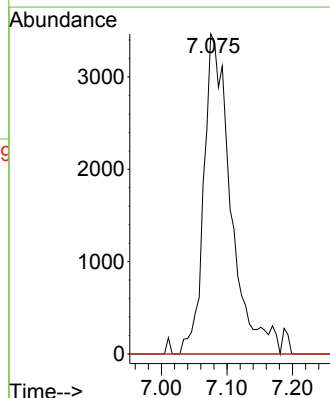
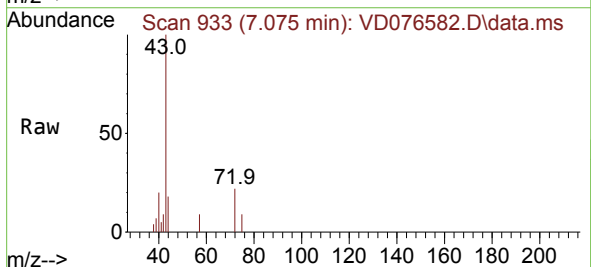
Instrument : MSVOA_D
ClientSampleId : TOTAL-VOC-SB-31-36-SB-36-GRAB-5

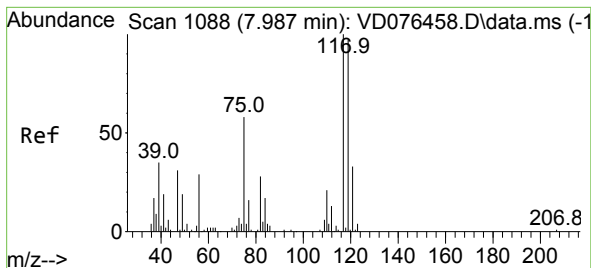
Tgt Ion: 75 Resp: 10587
Ion Ratio Lower Upper
75 100
110 10.0 19.9 59.6#
77 0.0 24.7 37.1#



#37
Ethyl Acetate
Concen: 8.464 ug/l
RT: 7.075 min Scan# 933
Delta R.T. -0.094 min
Lab File: VD076582.D
Acq: 26 Jun 2023 15:57

Tgt Ion: 43 Resp: 9936
Ion Ratio Lower Upper
43 100
61 0.0 14.9 22.3#
70 0.0 10.0 15.0#





#38

Carbon Tetrachloride

Concen: 7.862 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.112 min

Lab File: VD076582.D

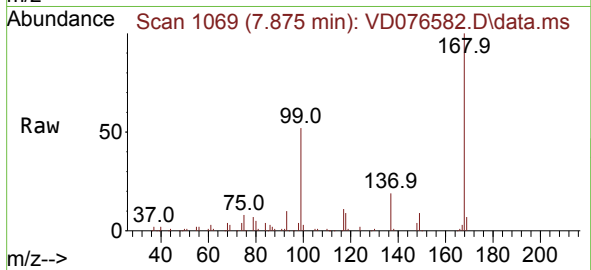
Acq: 26 Jun 2023 15:57

Instrument :

MSVOA_D

ClientSampleId :

TOTAL-VOC-SB-31-36-SB-36-GRAB-5



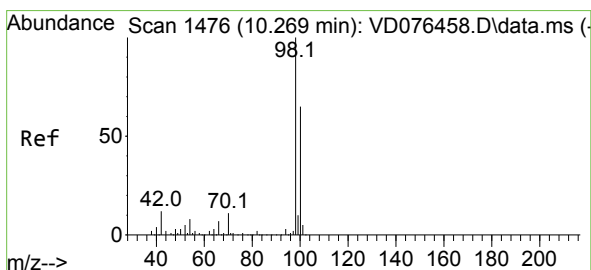
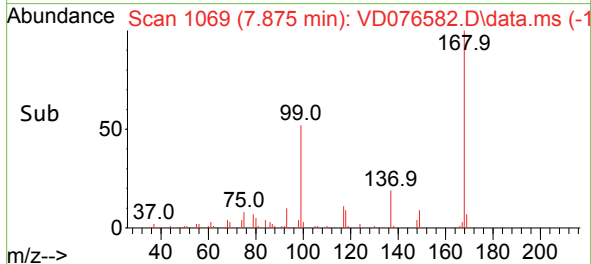
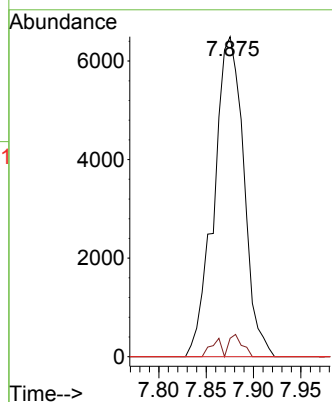
Tgt Ion:117 Resp: 14236

Ion Ratio Lower Upper

117 100

119 5.8 78.0 117.0#

121 0.0 24.2 36.2#



#50

Toluene-d8

Concen: 58.378 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD076582.D

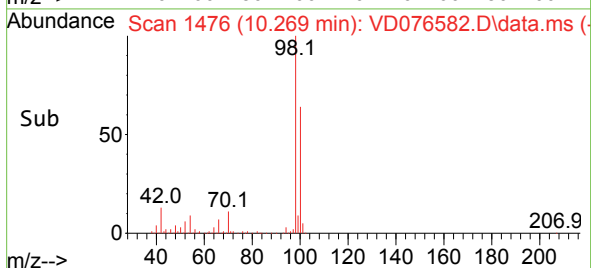
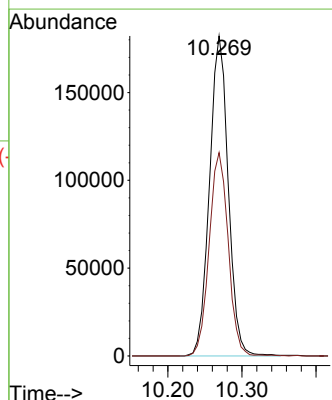
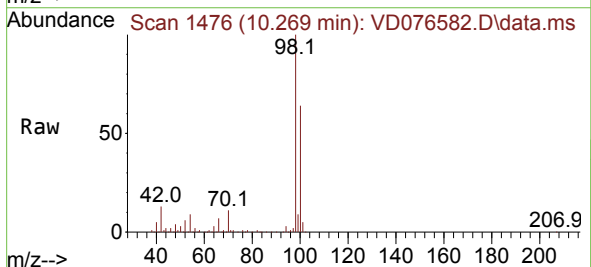
Acq: 26 Jun 2023 15:57

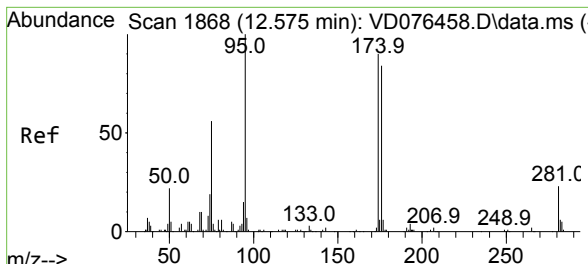
Tgt Ion: 98 Resp: 320285

Ion Ratio Lower Upper

98 100

100 64.6 50.3 75.5

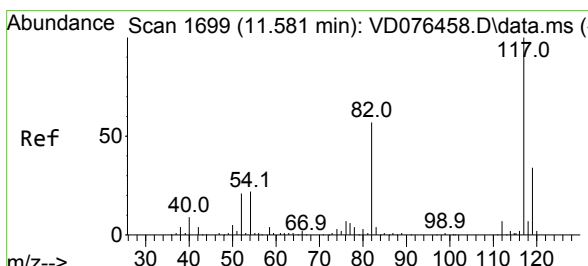
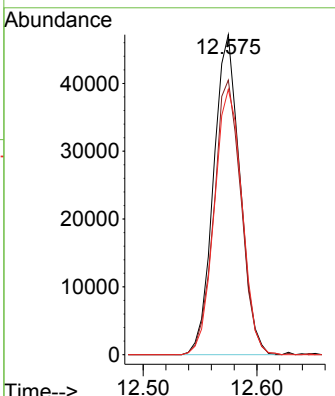
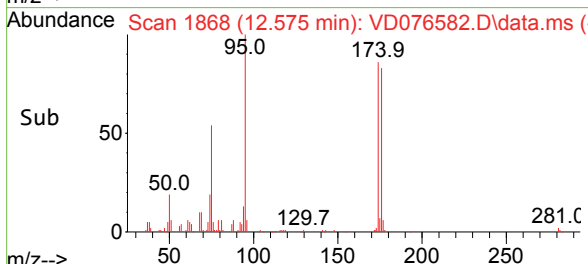
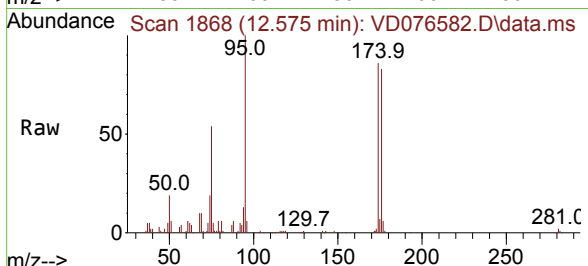




#62
 4-Bromofluorobenzene
 Concen: 42.838 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. 0.000 min
 Lab File: VD076582.D
 Acq: 26 Jun 2023 15:57

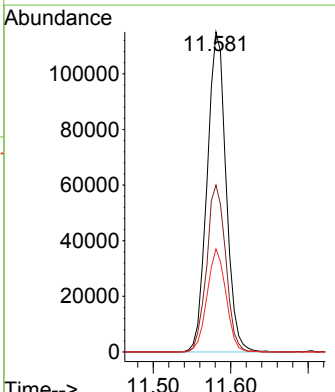
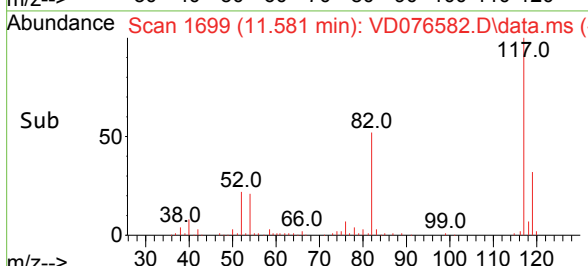
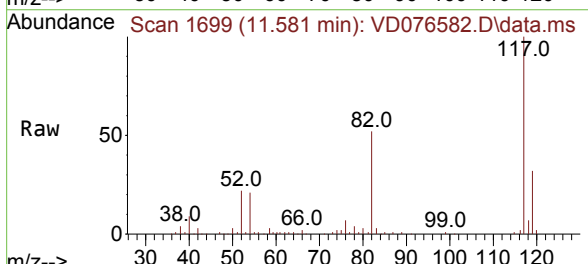
Instrument : MSVOA_D
 ClientSampleId : TOTAL-VOC-SB-31-36-SB-36-GRAB-5

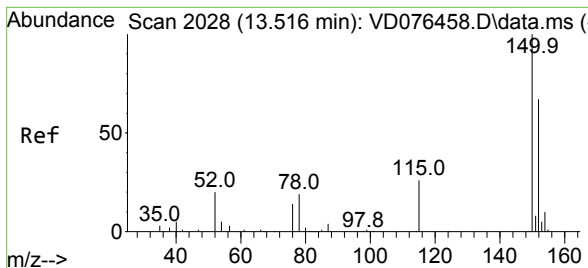
Tgt Ion:	95	Resp:	76277
Ion	Ratio	Lower	Upper
95	100		
174	87.9	0.0	201.8
176	86.7	0.0	191.8



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.581 min Scan# 1699
 Delta R.T. 0.000 min
 Lab File: VD076582.D
 Acq: 26 Jun 2023 15:57

Tgt Ion:	117	Resp:	195161
Ion	Ratio	Lower	Upper
117	100		
82	52.1	38.3	57.5
119	32.2	25.0	37.4

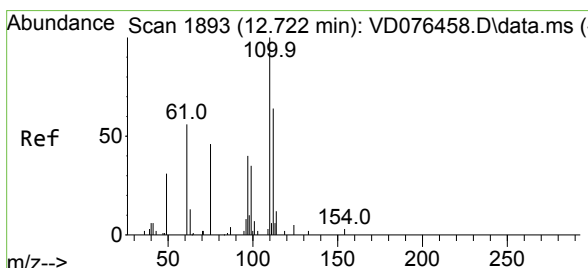
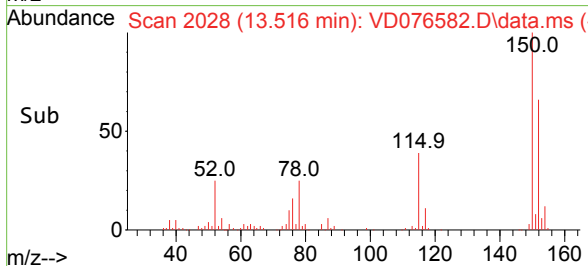
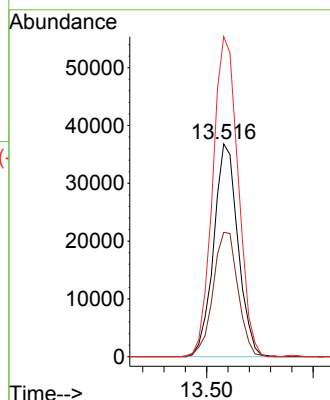
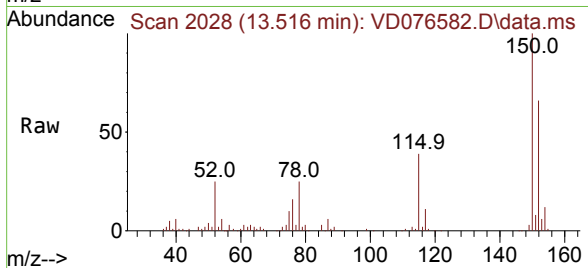




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 20
Delta R.T. 0.000 min
Lab File: VD076582.D
Acq: 26 Jun 2023 15:57

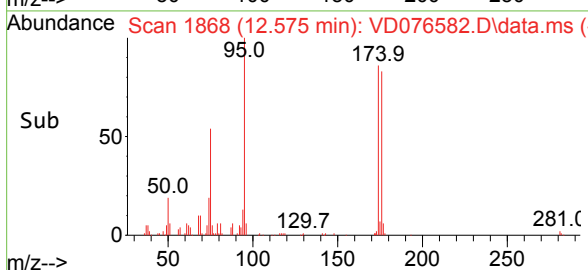
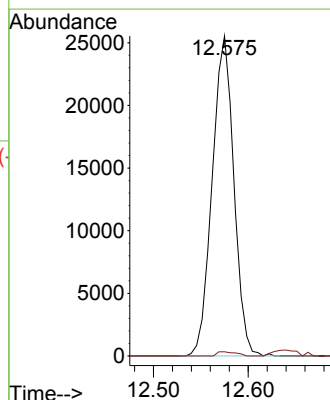
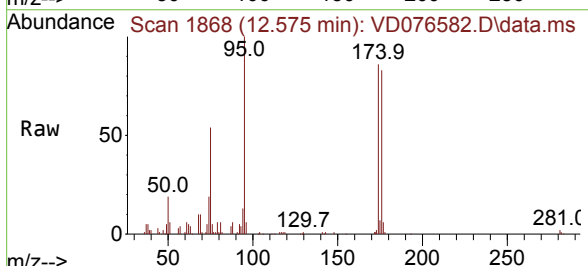
Instrument :
MSVOA_D
ClientSampleId :
TOTAL-VOC-SB-31-36-SB-36-GRAB-5

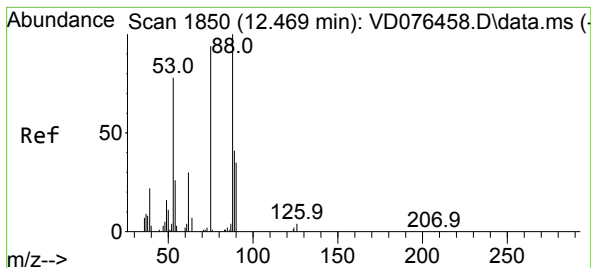
Tgt Ion:152 Resp: 58198
Ion Ratio Lower Upper
152 100
115 60.1 27.1 81.3
150 157.6 0.0 353.6



#76
1,2,3-Trichloropropane
Concen: 70.163 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.147 min
Lab File: VD076582.D
Acq: 26 Jun 2023 15:57

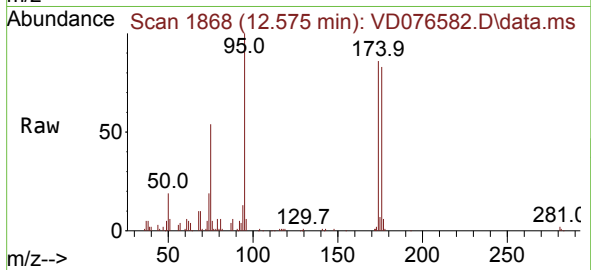
Tgt Ion: 75 Resp: 40526
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 153.742 ug/l
 RT: 12.575 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD076582.D
 Acq: 26 Jun 2023 15:57

Instrument :
 MSVOA_D
 ClientSampleId :
 TOTAL-VOC-SB-31-36-SB-36-GRAB-5



Tgt Ion:	75	Resp:	40526
Ion	Ratio	Lower	Upper
75	100		
53	0.0	63.0	94.4#
89	0.0	37.9	56.9#

