

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042823\
 Data File : VY013527.D
 Acq On : 28 Apr 2023 15:40
 Operator : KP/MD
 Sample : 02503-10RE
 Misc : 6.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-305A-VOC-02

Quant Time: Apr 28 23:14:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

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

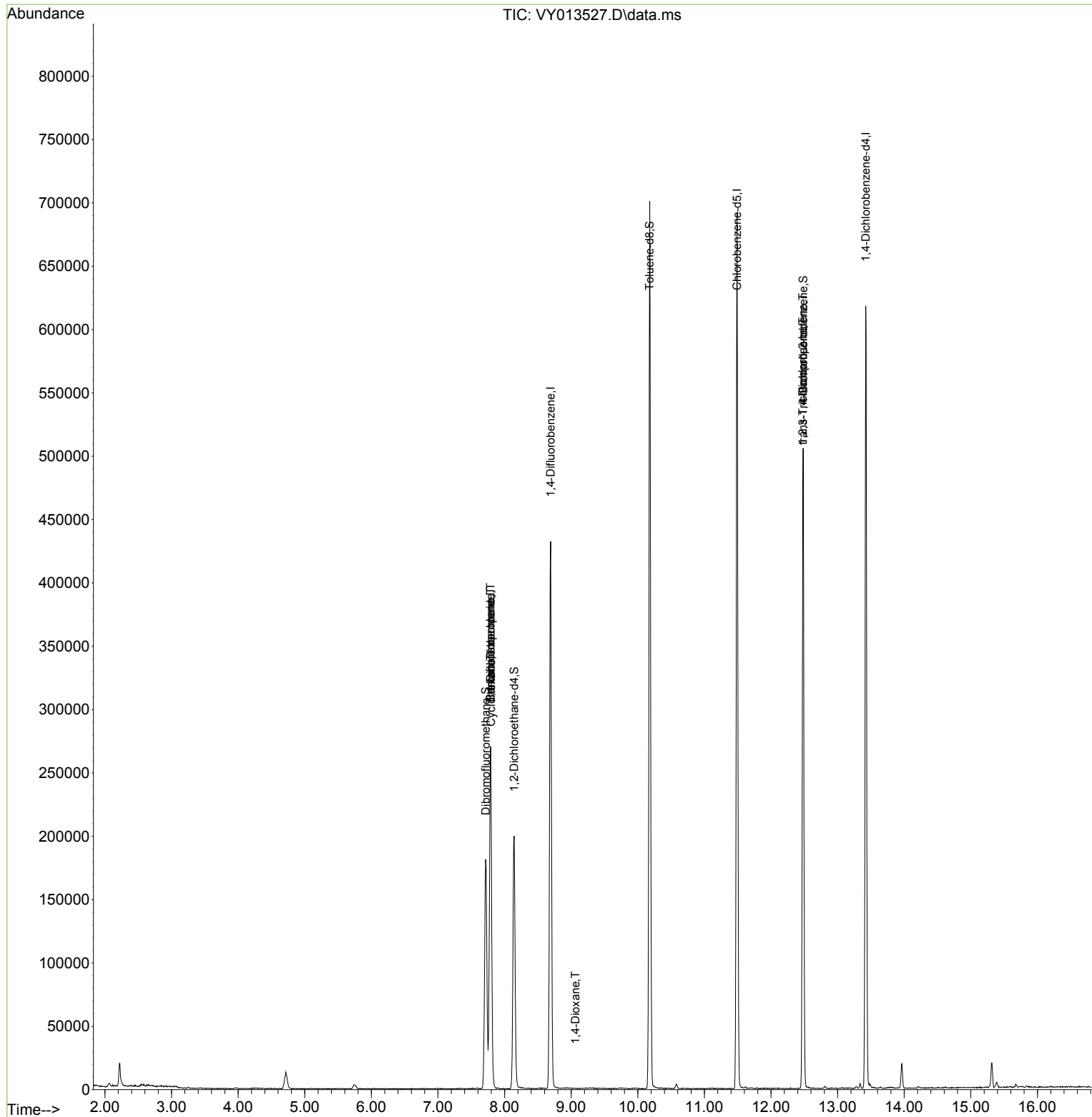
Internal Standards						
1) Pentafluorobenzene	7.789	168	211817	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	357531	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	350228	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	162075	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	162263	69.881	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 139.760%	
35) Dibromofluoromethane	7.716	113	126813	56.394	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 112.780%	
50) Toluene-d8	10.179	98	438650	54.834	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 109.660%	
62) 4-Bromofluorobenzene	12.483	95	142652	52.896	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 105.800%	
Target Compounds						
					Qvalue	
13) Acrolein	3.662	56	20	Below Cal	#	16
20) Methylene Chloride	4.716	84	8742	Below Cal		89
31) Cyclohexane	7.795	56	4801	1.155	ug/l #	33
36) 1,1-Dichloropropene	7.789	75	16788	4.498	ug/l #	48
38) Carbon Tetrachloride	7.789	117	20668	5.284	ug/l #	15
49) 1,4-Dioxane	9.063	88	25	1.064	ug/l #	25
76) 1,2,3-Trichloropropane	12.477	75	77025	35.239	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	77025	72.084	ug/l #	13

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

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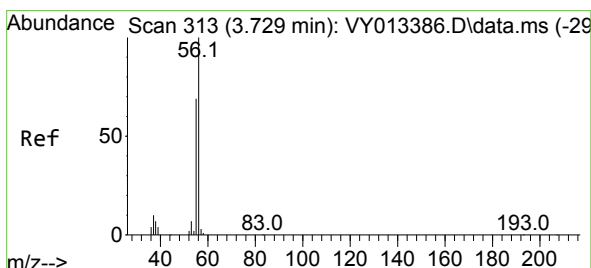
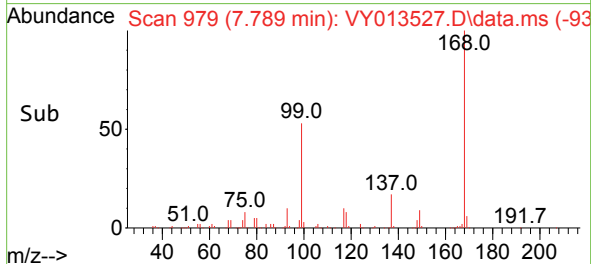
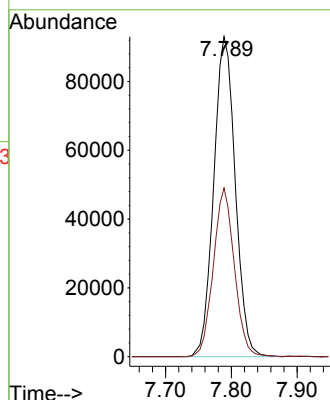
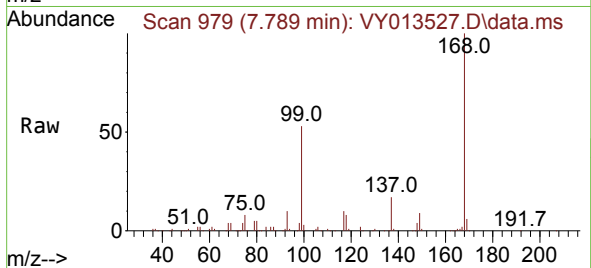




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013527.D
Acq: 28 Apr 2023 15:40

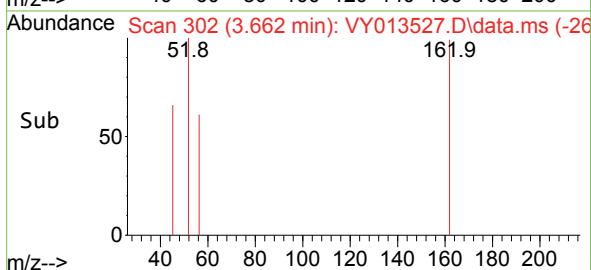
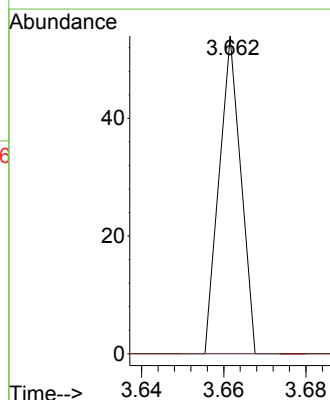
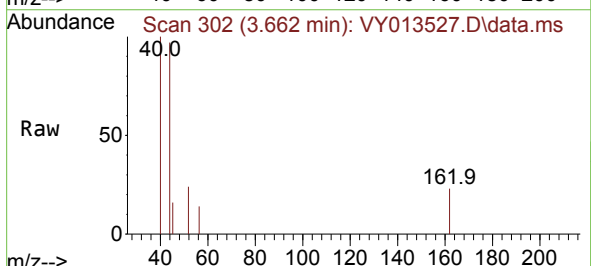
Instrument :
MSVOA_Y
ClientSampleId :
TR-305A-VOC-02

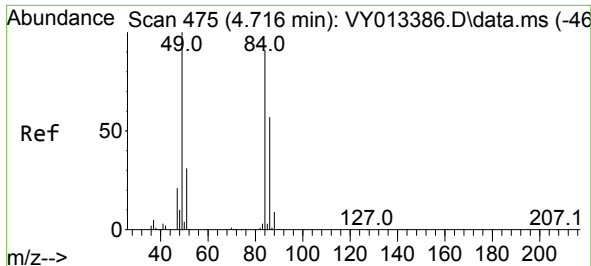
Tgt Ion:168 Resp: 211817
Ion Ratio Lower Upper
168 100
99 52.7 41.8 62.6



#13
Acrolein
Concen: Below Cal
RT: 3.662 min Scan# 302
Delta R.T. -0.067 min
Lab File: VY013527.D
Acq: 28 Apr 2023 15:40

Tgt Ion: 56 Resp: 20
Ion Ratio Lower Upper
56 100
55 0.0 54.1 81.1#

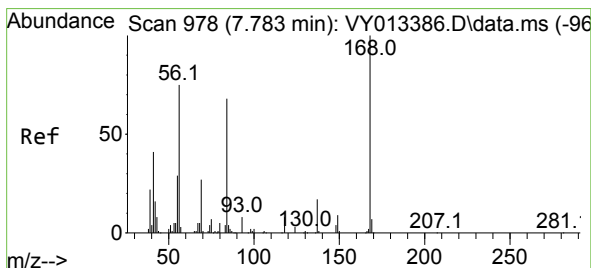
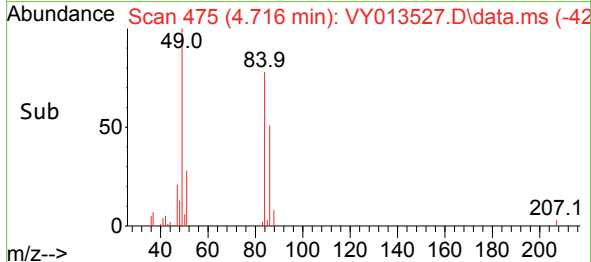
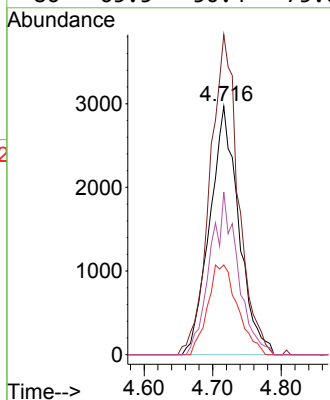
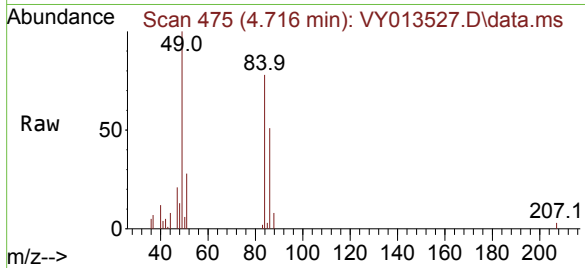




#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY013527.D
Acq: 28 Apr 2023 15:40

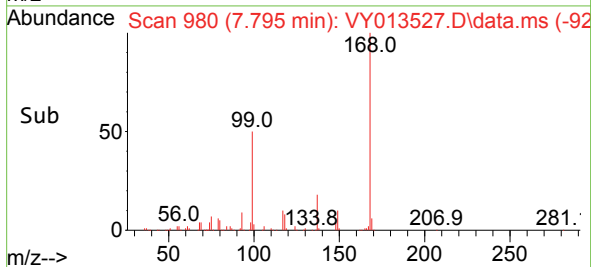
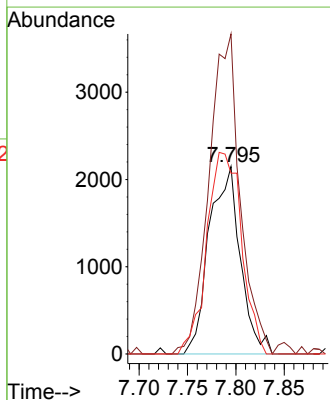
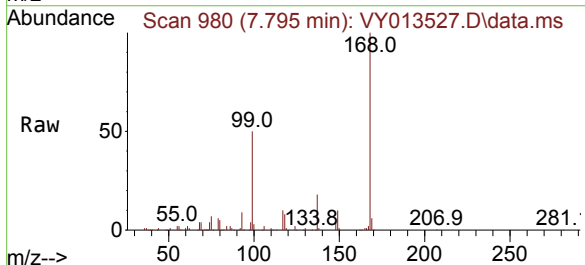
Instrument :
MSVOA_Y
ClientSampleId :
TR-305A-VOC-02

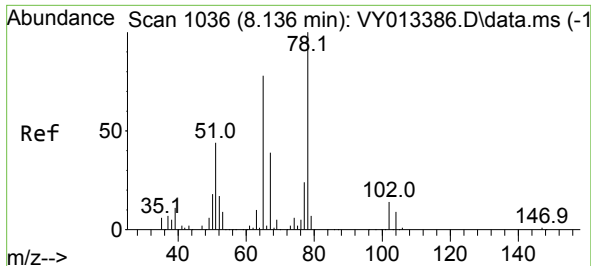
Tgt Ion:	84	Resp:	8742
Ion	Ratio	Lower	Upper
84	100		
49	128.9	88.0	132.0
51	36.2	27.4	41.0
86	65.5	50.4	75.6



#31
Cyclohexane
Concen: 1.155 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.012 min
Lab File: VY013527.D
Acq: 28 Apr 2023 15:40

Tgt Ion:	56	Resp:	4801
Ion	Ratio	Lower	Upper
56	100		
69	167.4	29.2	43.8#
84	96.5	73.0	109.6

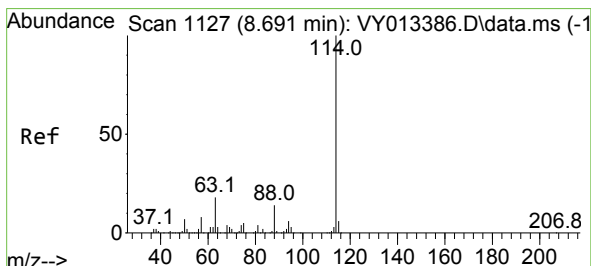
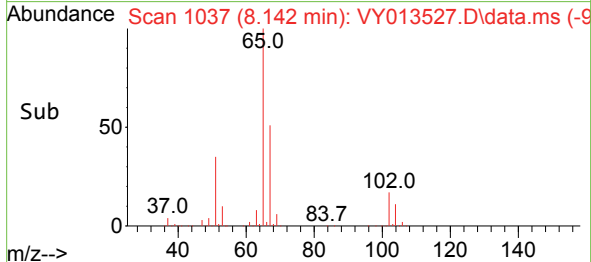
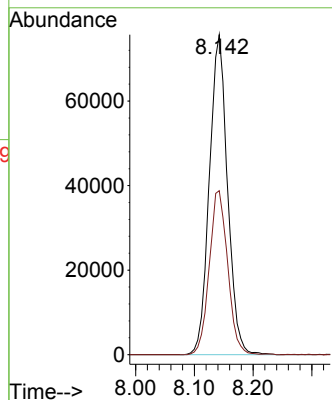
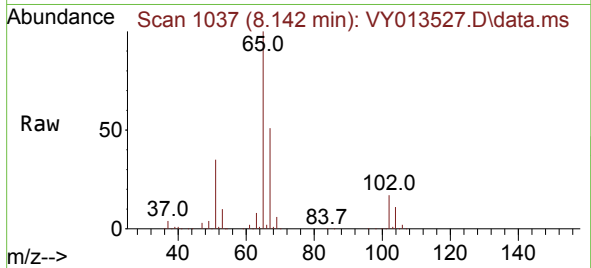




#33
1,2-Dichloroethane-d4
Concen: 69.881 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY013527.D
Acq: 28 Apr 2023 15:40

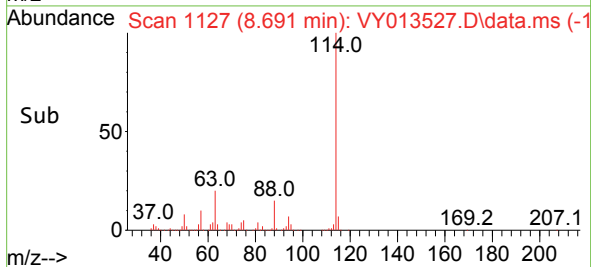
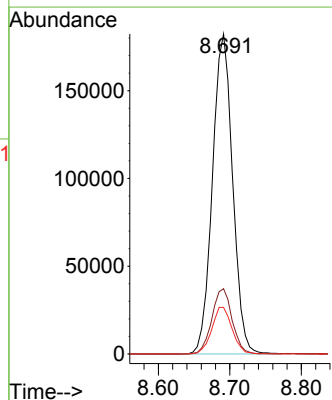
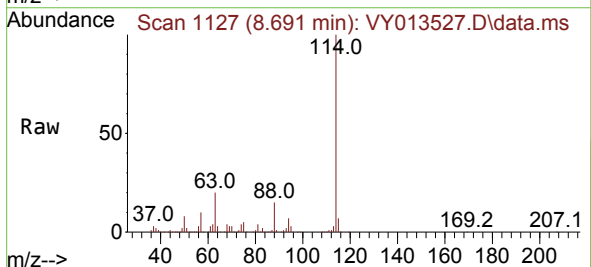
Instrument :
MSVOA_Y
ClientSampleId :
TR-305A-VOC-02

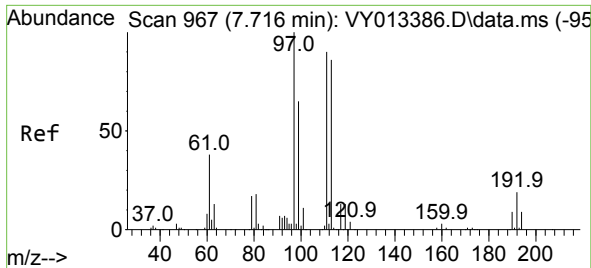
Tgt Ion: 65 Resp: 162263
Ion Ratio Lower Upper
65 100
67 52.0 0.0 103.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY013527.D
Acq: 28 Apr 2023 15:40

Tgt Ion: 114 Resp: 357531
Ion Ratio Lower Upper
114 100
63 20.4 0.0 36.6
88 14.5 0.0 28.8

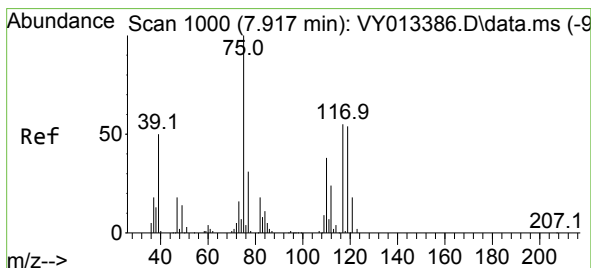
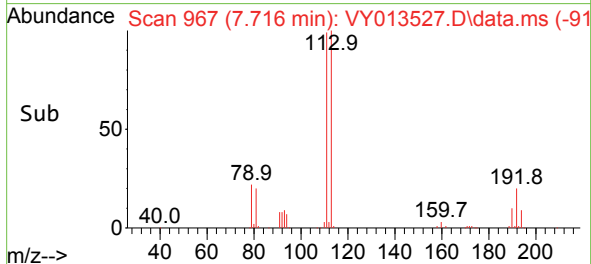
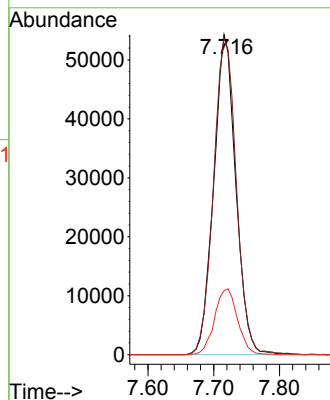
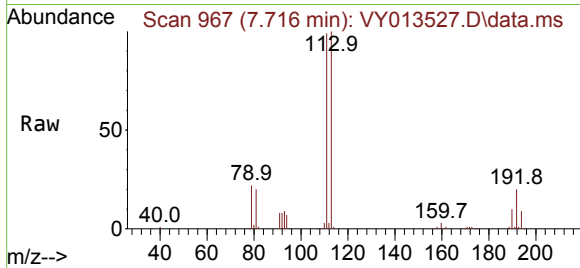




#35
Dibromofluoromethane
Concen: 56.394 ug/l
RT: 7.716 min Scan# 910
Delta R.T. -0.000 min
Lab File: VY013527.D
Acq: 28 Apr 2023 15:40

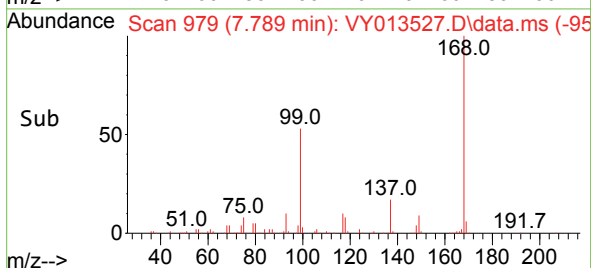
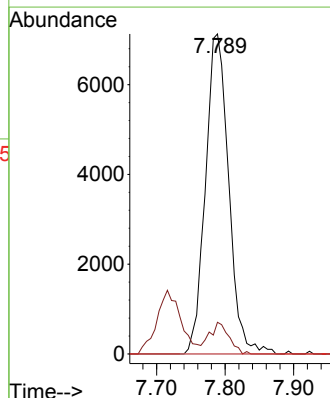
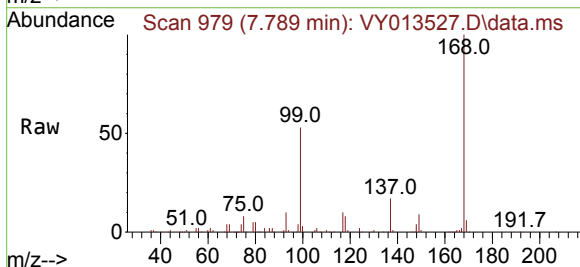
Instrument :
MSVOA_Y
ClientSampleId :
TR-305A-VOC-02

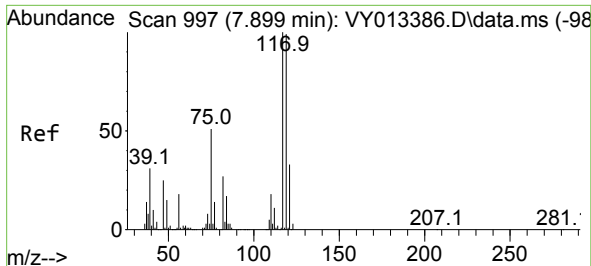
Tgt Ion:113 Resp: 126813
Ion Ratio Lower Upper
113 100
111 102.3 82.2 123.2
192 21.5 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.498 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY013527.D
Acq: 28 Apr 2023 15:40

Tgt Ion: 75 Resp: 16788
Ion Ratio Lower Upper
75 100
110 8.3 18.7 56.1#
77 0.0 24.6 37.0#

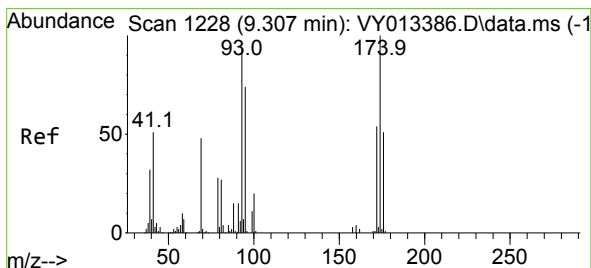
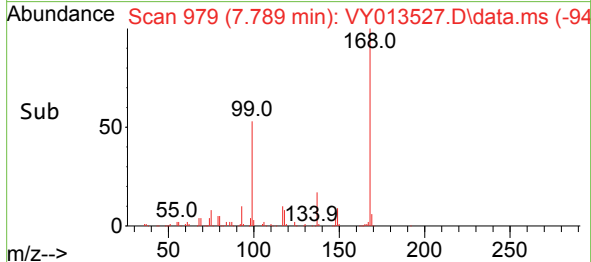
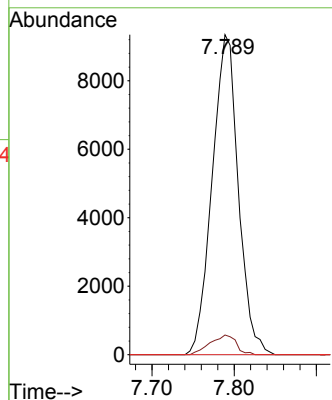
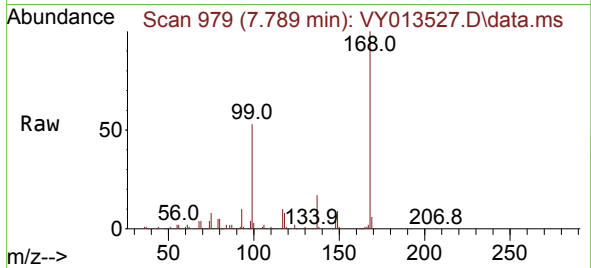




#38
Carbon Tetrachloride
Concen: 5.284 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY013527.D
Acq: 28 Apr 2023 15:40

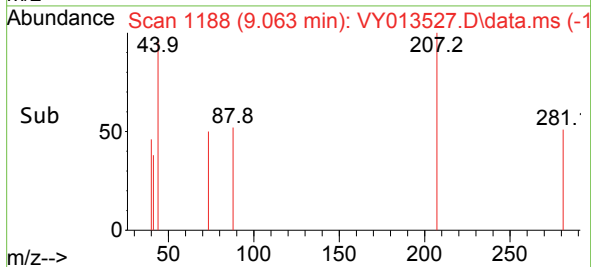
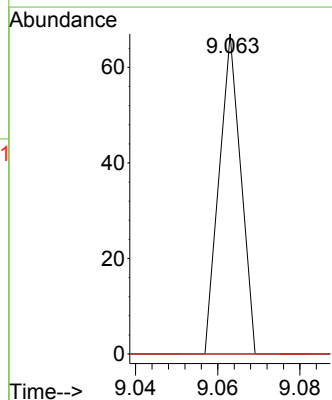
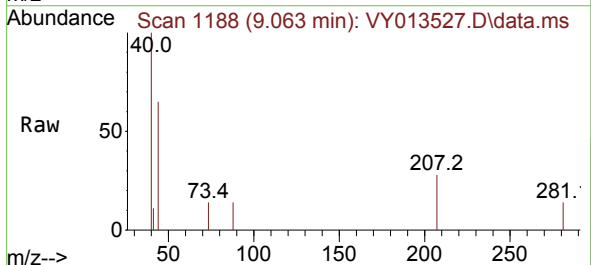
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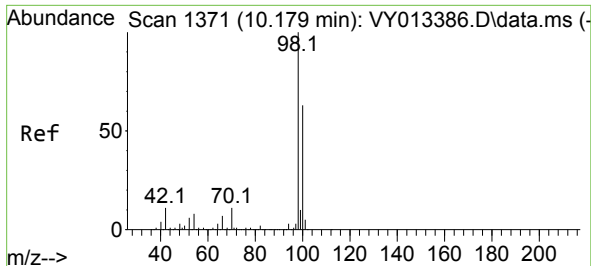
Tgt Ion:117 Resp: 20668
Ion Ratio Lower Upper
117 100
119 6.2 79.0 118.6#
121 0.0 26.6 40.0#



#49
1,4-Dioxane
Concen: 1.064 ug/l
RT: 9.063 min Scan# 1188
Delta R.T. -0.244 min
Lab File: VY013527.D
Acq: 28 Apr 2023 15:40

Tgt Ion: 88 Resp: 25
Ion Ratio Lower Upper
88 100
43 0.0 16.8 25.2#
58 0.0 54.3 81.5#

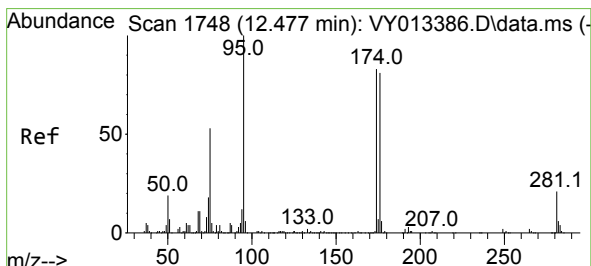
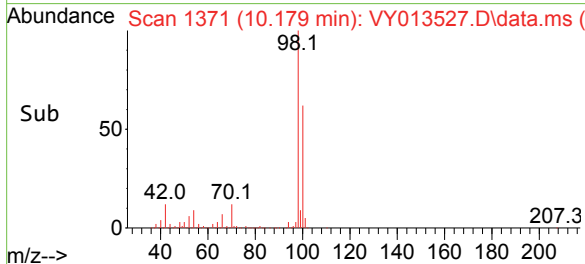
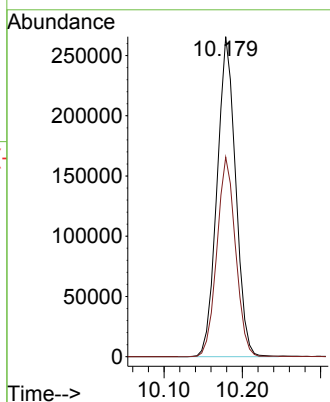
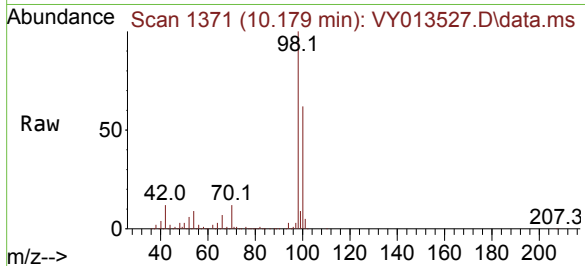




#50
Toluene-d8
Concen: 54.834 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013527.D
Acq: 28 Apr 2023 15:40

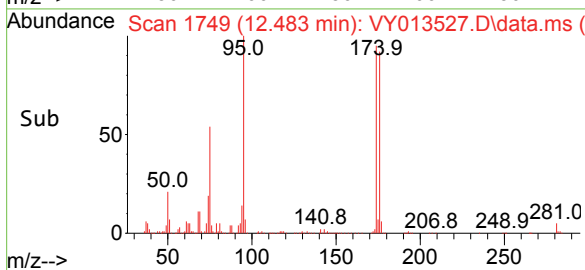
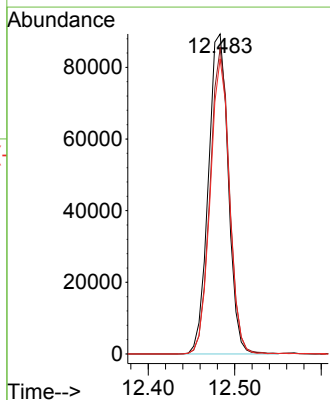
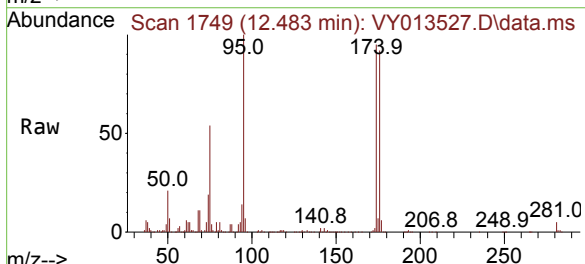
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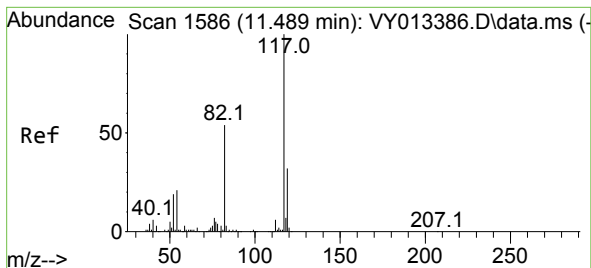
Tgt Ion: 98 Resp: 438650
Ion Ratio Lower Upper
98 100
100 62.6 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 52.896 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY013527.D
Acq: 28 Apr 2023 15:40

Tgt Ion: 95 Resp: 142652
Ion Ratio Lower Upper
95 100
174 92.8 0.0 182.0
176 89.4 0.0 175.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY013527.D

Acq: 28 Apr 2023 15:40

Instrument :

MSVOA_Y

ClientSampleId :

TR-305A-VOC-02

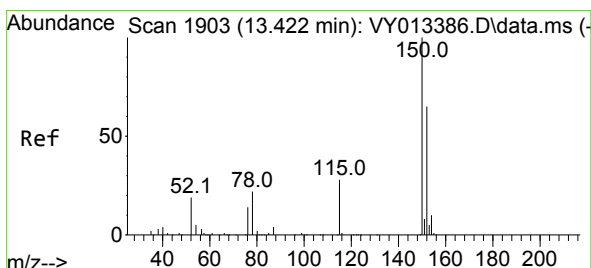
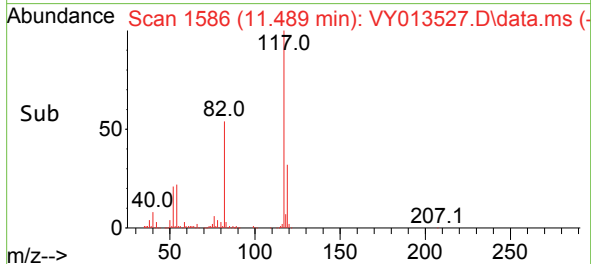
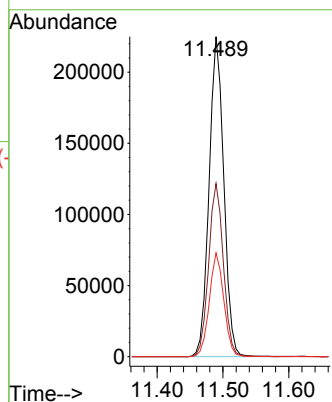
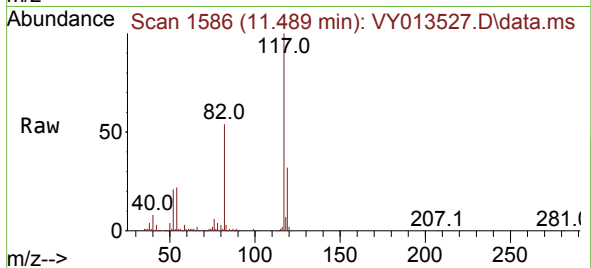
Tgt Ion:117 Resp: 350228

Ion Ratio Lower Upper

117 100

82 54.1 43.0 64.6

119 32.4 25.5 38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VY013527.D

Acq: 28 Apr 2023 15:40

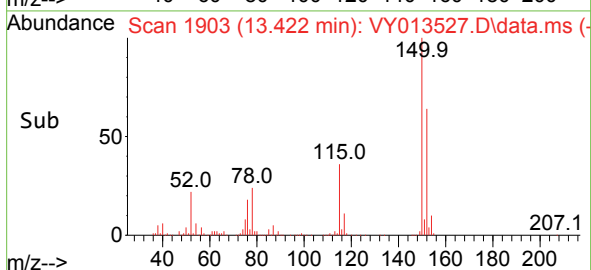
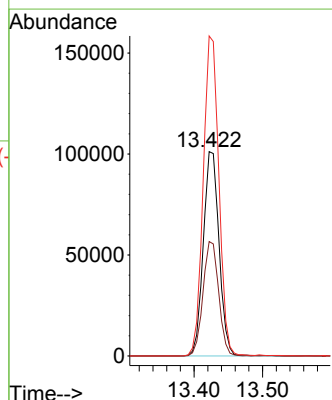
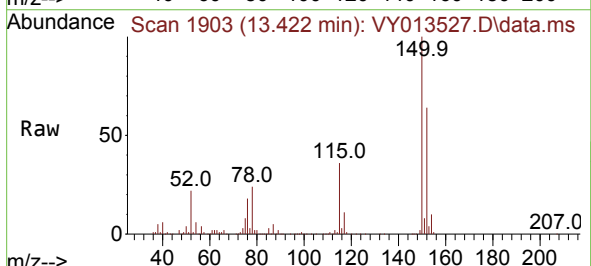
Tgt Ion:152 Resp: 162075

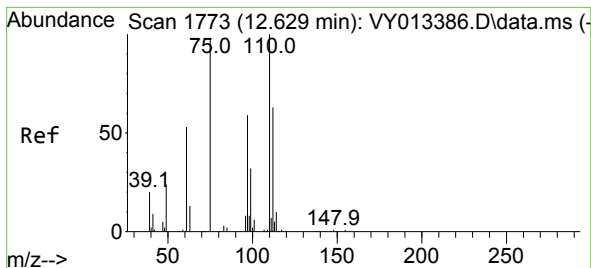
Ion Ratio Lower Upper

152 100

115 55.7 28.1 84.2

150 155.4 0.0 352.0





#76

1,2,3-Trichloropropane

Concen: 35.239 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.152 min

Lab File: VY013527.D

Acq: 28 Apr 2023 15:40

Instrument :

MSVOA_Y

ClientSampleId :

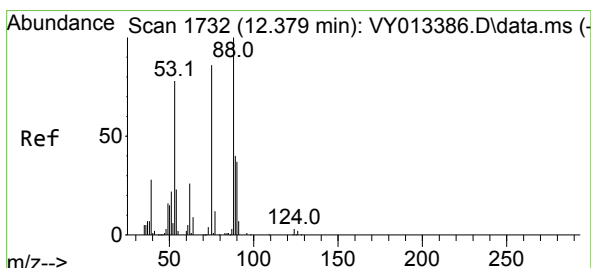
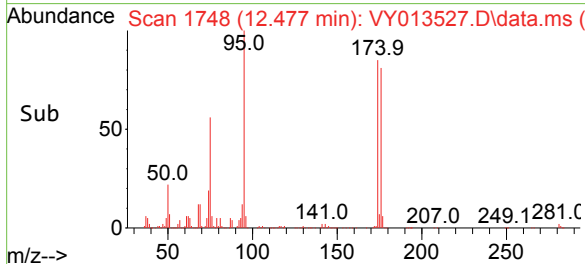
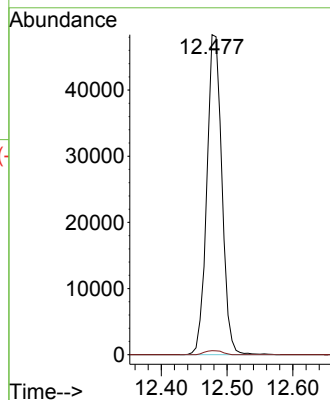
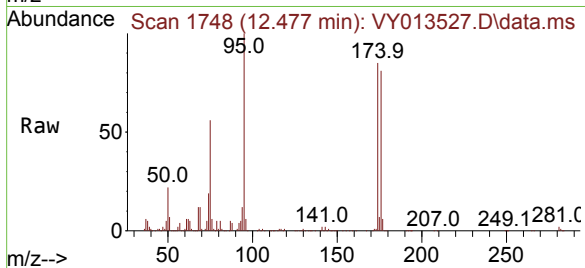
TR-305A-VOC-02

Tgt Ion: 75 Resp: 77025

Ion Ratio Lower Upper

75 100

77 1.5 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 72.084 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.098 min

Lab File: VY013527.D

Acq: 28 Apr 2023 15:40

Tgt Ion: 75 Resp: 77025

Ion Ratio Lower Upper

75 100

53 0.1 73.2 109.8#

89 0.1 38.0 57.0#

