

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030223\
 Data File : VY012771.D
 Acq On : 02 Mar 2023 20:01
 Operator : KP/MD
 Sample : 01739-05
 Misc : 9.23g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TOTAL-VOC-2-GRAB-8

Quant Time: Mar 03 01:59:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 03 01:13:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	113494	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	200011	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	176447	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	80011	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	73362	65.104	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	130.200%
35) Dibromofluoromethane	7.716	113	71600	59.318	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	118.640%
50) Toluene-d8	10.179	98	238892	54.136	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	108.280%
62) 4-Bromofluorobenzene	12.483	95	76155	51.131	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	102.260%

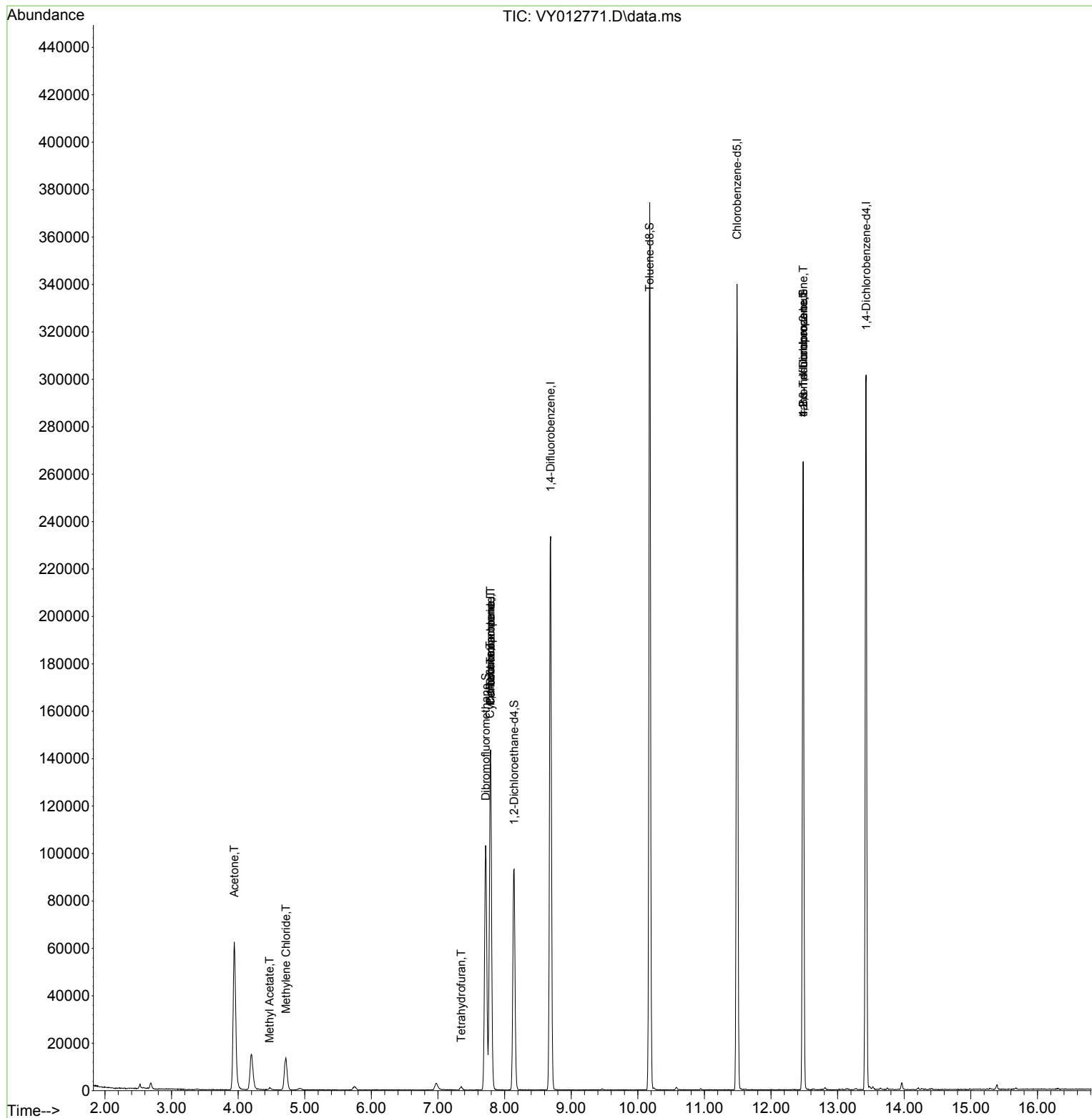
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.936	59	789	Below Cal	#	74
16) Acetone	3.942	43	108700	245.763	ug/l	97
18) Methyl Acetate	4.472	43	1503	1.141	ug/l #	89
20) Methylene Chloride	4.716	84	9441	1.817	ug/l	96
29) Tetrahydrofuran	7.350	42	978	2.960	ug/l	93
31) Cyclohexane	7.783	56	2249	1.042	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	8895	4.397	ug/l #	49
38) Carbon Tetrachloride	7.789	117	10944	5.239	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	40127	41.998	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	40127	87.020	ug/l #	13

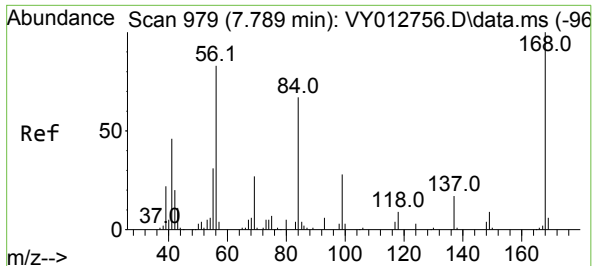
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030223\
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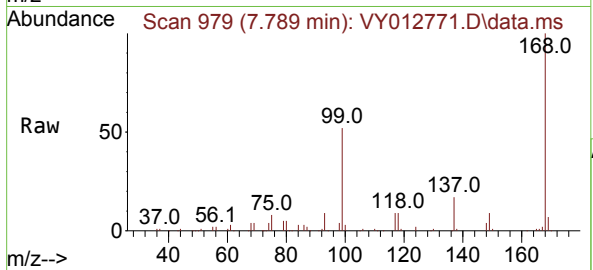
Quant Time: Mar 03 01:59:48 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
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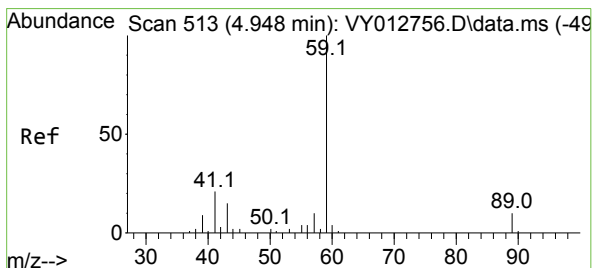
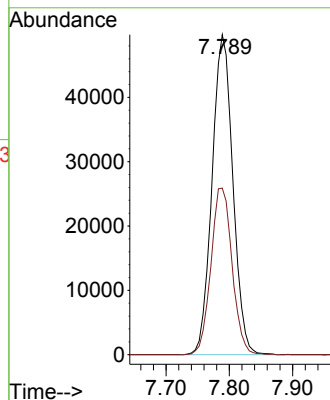
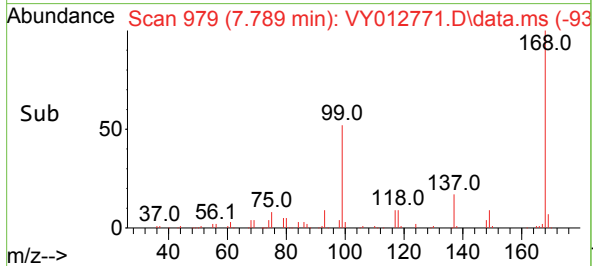


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012771.D
Acq: 02 Mar 2023 20:01

Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-2-GRAB-8

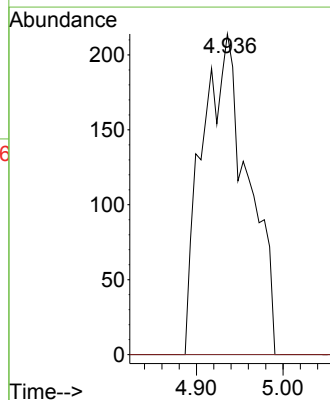
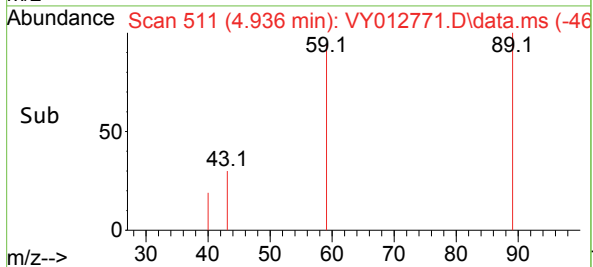
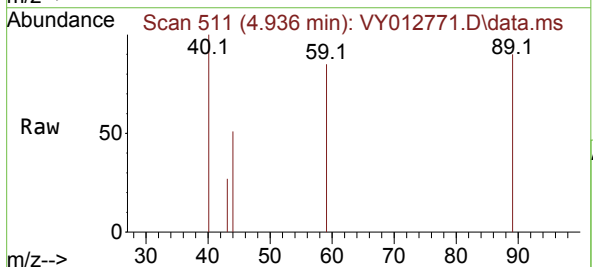


Tgt Ion:168 Resp: 113494
Ion Ratio Lower Upper
168 100
99 52.1 41.7 62.5



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.936 min Scan# 511
Delta R.T. -0.012 min
Lab File: VY012771.D
Acq: 02 Mar 2023 20:01

Tgt Ion: 59 Resp: 789
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#

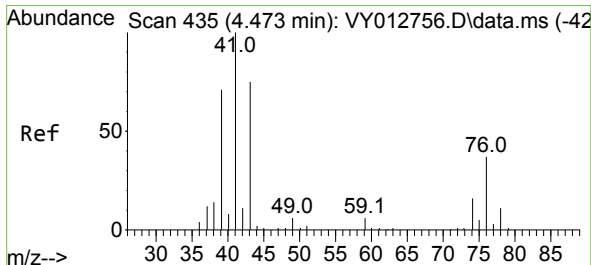
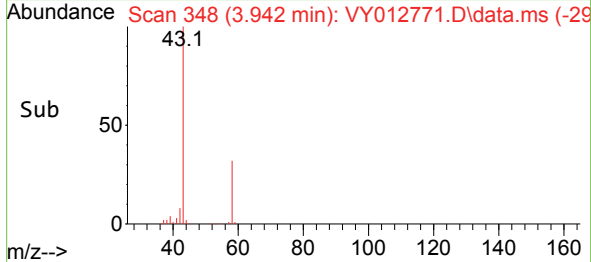
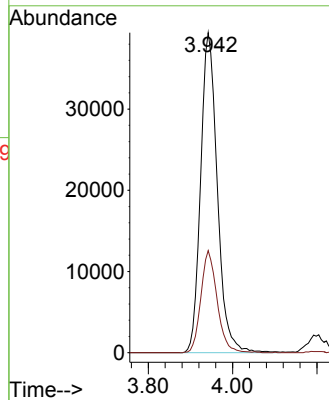
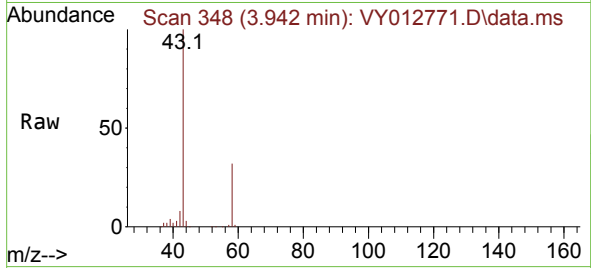




#16
Acetone
Concen: 245.763 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.000 min
Lab File: VY012771.D
Acq: 02 Mar 2023 20:01

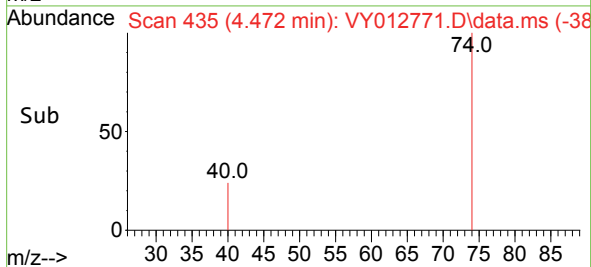
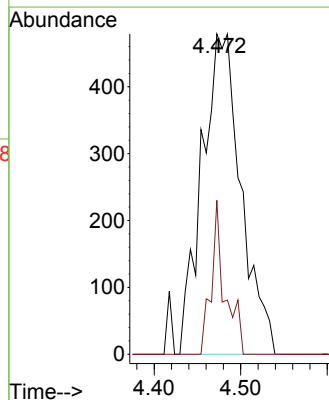
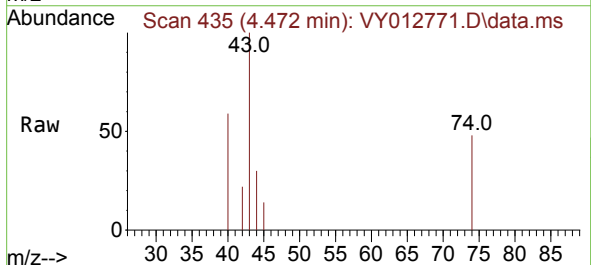
Instrument :
MSVOA_Y
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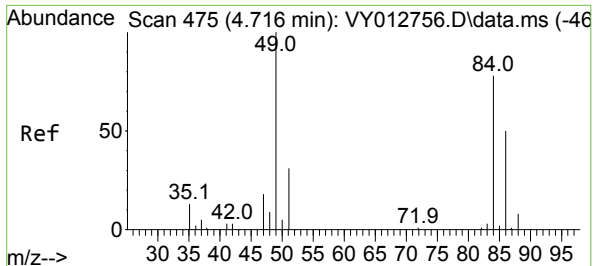
Tgt Ion: 43 Resp: 108700
Ion Ratio Lower Upper
43 100
58 31.9 24.2 36.2



#18
Methyl Acetate
Concen: 1.141 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.000 min
Lab File: VY012771.D
Acq: 02 Mar 2023 20:01

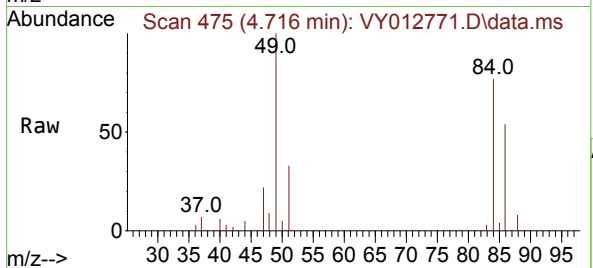
Tgt Ion: 43 Resp: 1503
Ion Ratio Lower Upper
43 100
74 16.7 17.4 26.0#



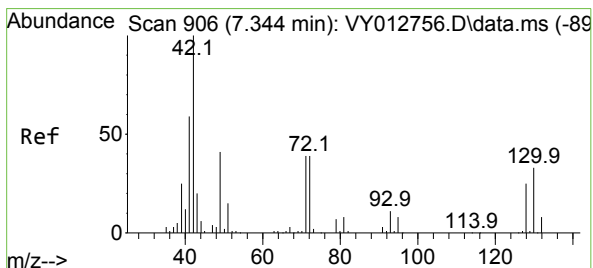
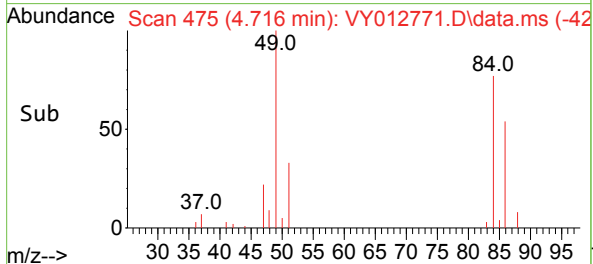
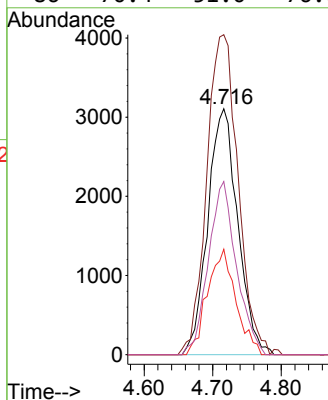


#20
Methylene Chloride
Concen: 1.817 ug/l
RT: 4.716 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY012771.D
Acq: 02 Mar 2023 20:01

Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-2-GRAB-8

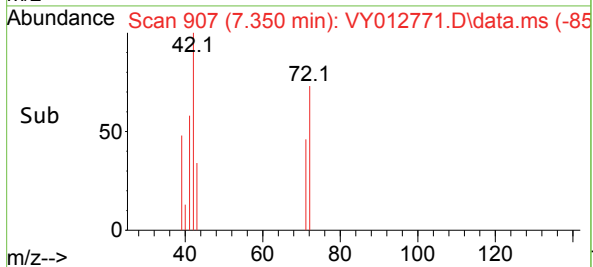
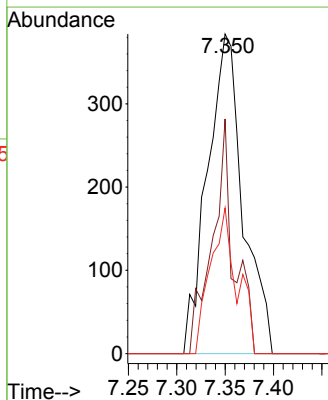
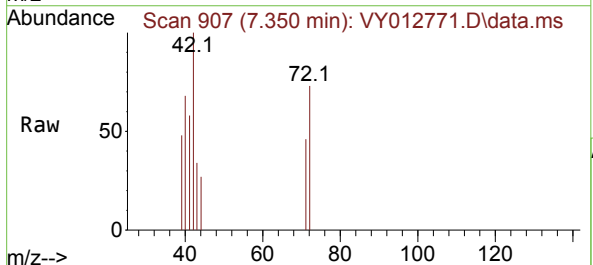


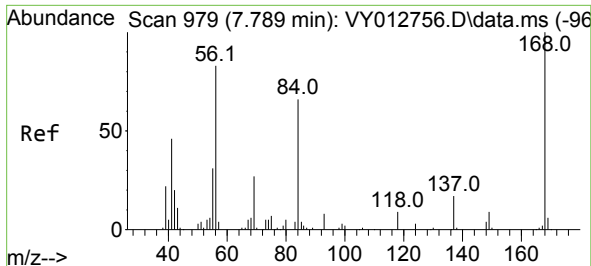
Tgt Ion: 84	Resp: 9441
Ion Ratio	Lower Upper
84 100	
49 130.1	102.6 154.0
51 42.9	31.9 47.9
86 70.4	51.0 76.6



#29
Tetrahydrofuran
Concen: 2.960 ug/l
RT: 7.350 min Scan# 907
Delta R.T. 0.006 min
Lab File: VY012771.D
Acq: 02 Mar 2023 20:01

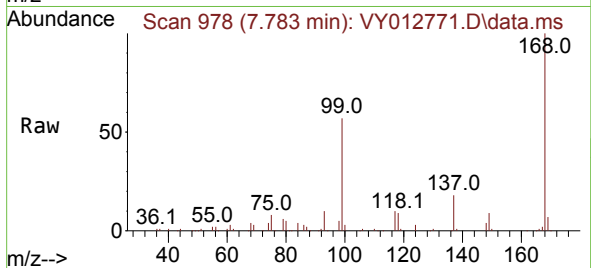
Tgt Ion: 42	Resp: 978
Ion Ratio	Lower Upper
42 100	
72 44.9	32.3 48.5
71 34.4	30.3 45.5



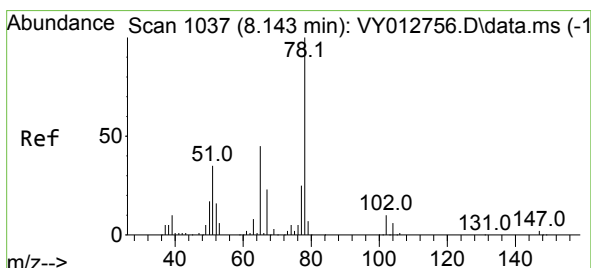
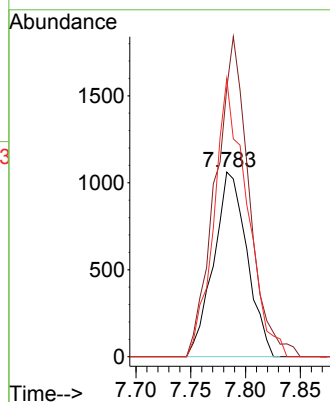
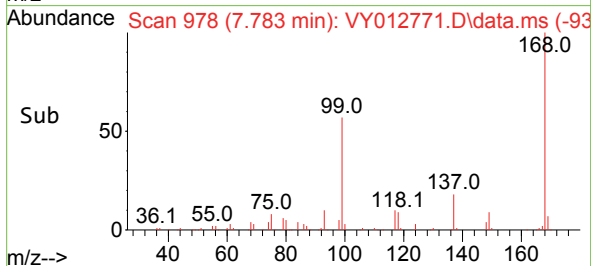


#31
Cyclohexane
Concen: 1.042 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY012771.D
Acq: 02 Mar 2023 20:01

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ClientSampleId :
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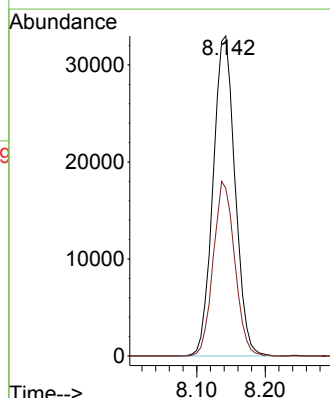
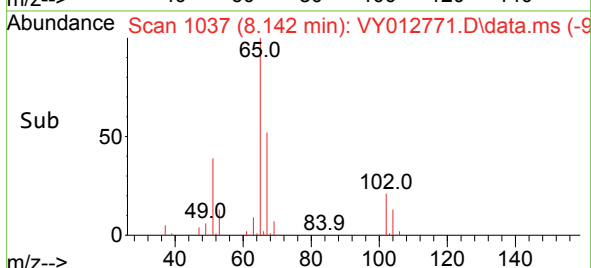
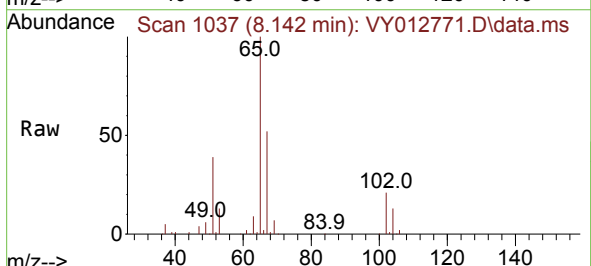


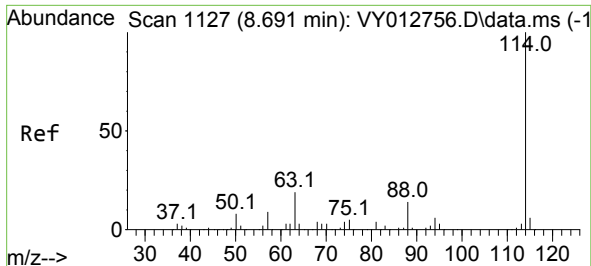
Tgt Ion: 56 Resp: 2249
Ion Ratio Lower Upper
56 100
69 145.3 25.7 38.5#
84 150.5 64.3 96.5#



#33
1,2-Dichloroethane-d4
Concen: 65.104 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY012771.D
Acq: 02 Mar 2023 20:01

Tgt Ion: 65 Resp: 73362
Ion Ratio Lower Upper
65 100
67 53.2 0.0 104.0

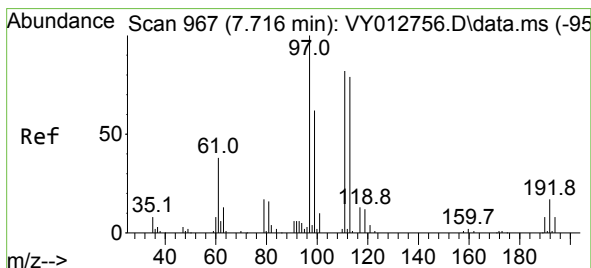
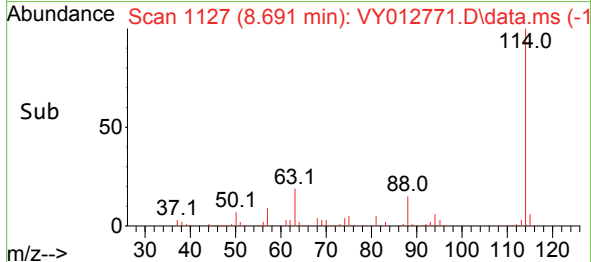
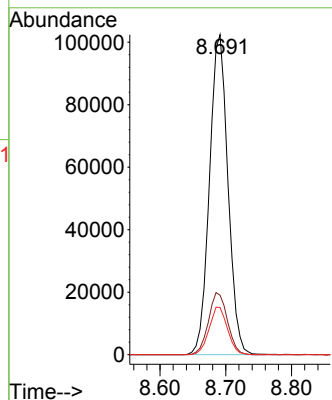
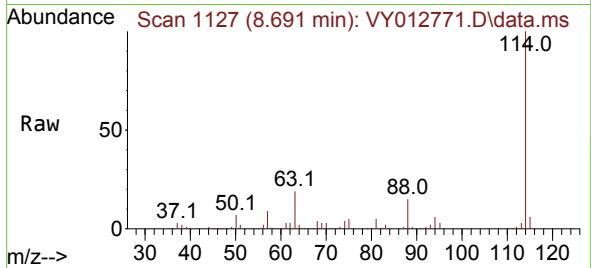




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VY012771.D
Acq: 02 Mar 2023 20:01

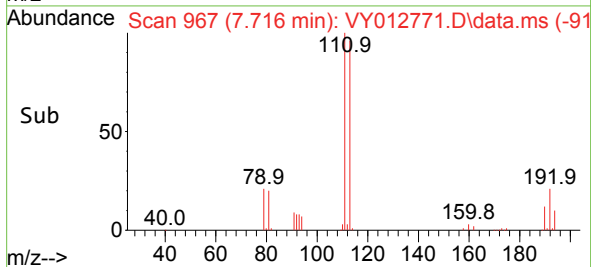
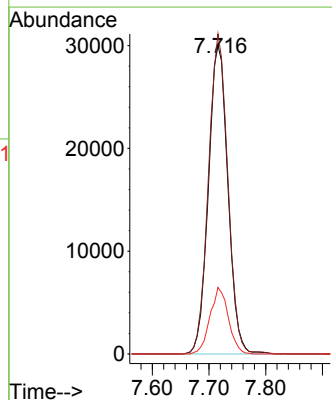
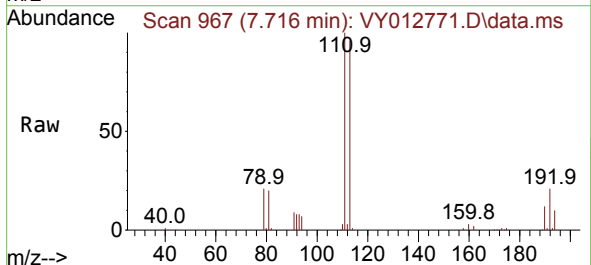
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-2-GRAB-8

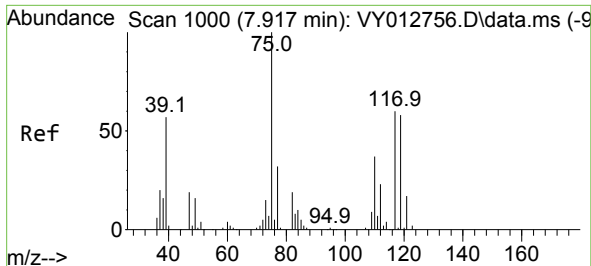
Tgt Ion:114 Resp: 200011
Ion Ratio Lower Upper
114 100
63 18.6 0.0 37.4
88 14.7 0.0 28.6



#35
Dibromofluoromethane
Concen: 59.318 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY012771.D
Acq: 02 Mar 2023 20:01

Tgt Ion:113 Resp: 71600
Ion Ratio Lower Upper
113 100
111 103.2 82.2 123.2
192 20.3 16.8 25.2

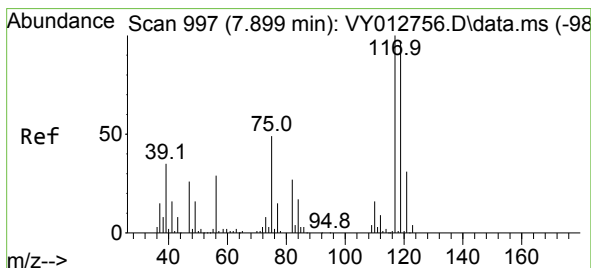
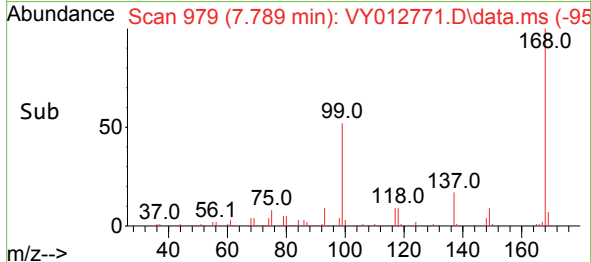
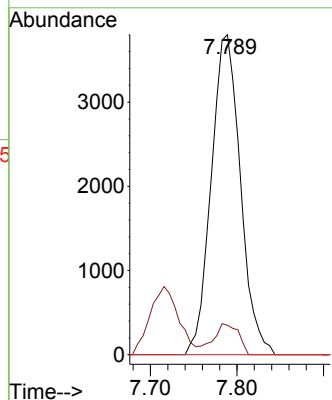
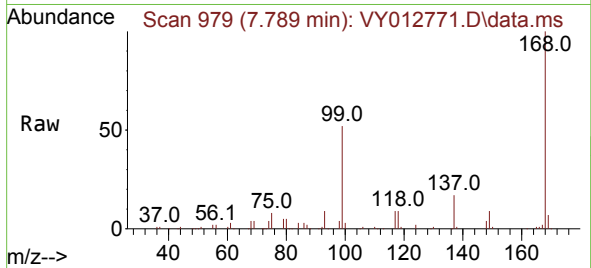




#36
1,1-Dichloropropene
Concen: 4.397 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY012771.D
Acq: 02 Mar 2023 20:01

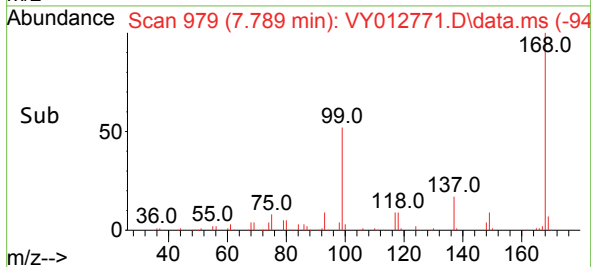
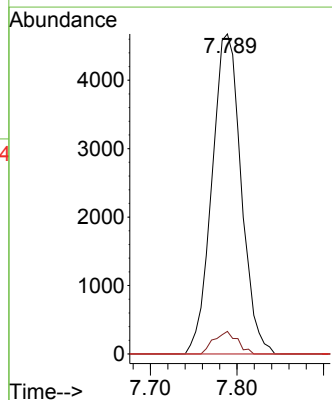
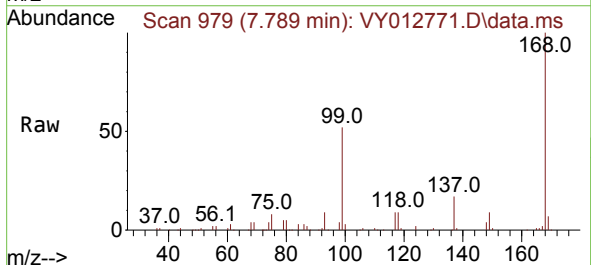
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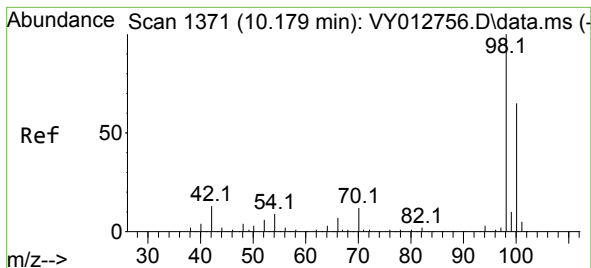
Tgt Ion: 75 Resp: 8895
Ion Ratio Lower Upper
75 100
110 8.1 17.8 53.3#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 5.239 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.110 min
Lab File: VY012771.D
Acq: 02 Mar 2023 20:01

Tgt Ion: 117 Resp: 10944
Ion Ratio Lower Upper
117 100
119 7.0 77.2 115.8#
121 0.0 24.7 37.1#

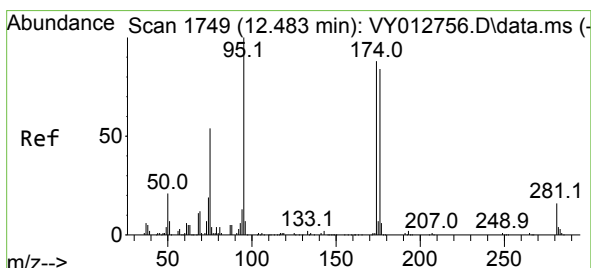
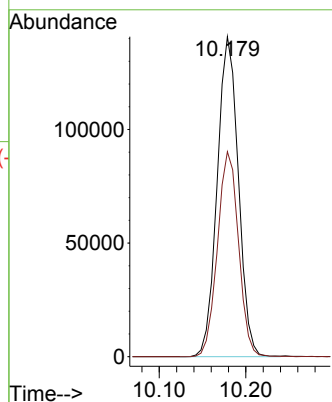
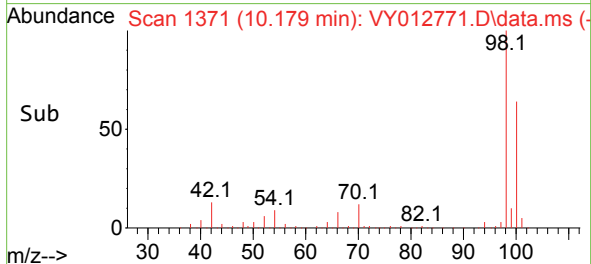
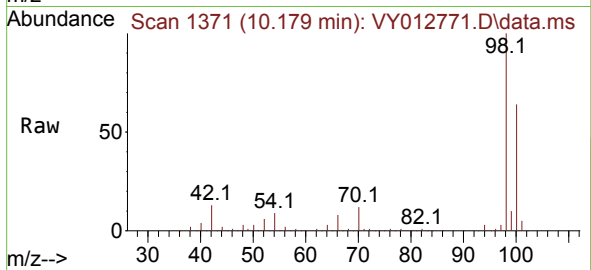




#50
Toluene-d8
Concen: 54.136 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012771.D
Acq: 02 Mar 2023 20:01

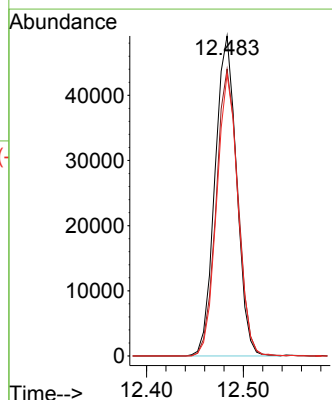
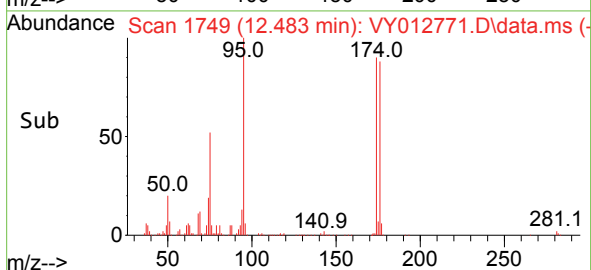
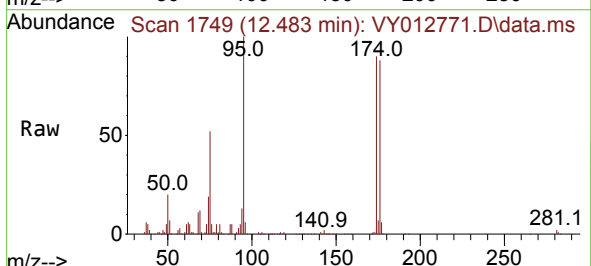
Instrument :
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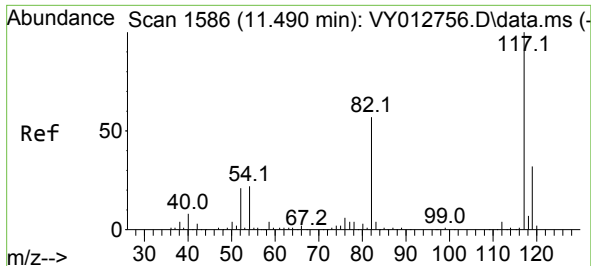
Tgt Ion: 98 Resp: 238892
Ion Ratio Lower Upper
98 100
100 63.7 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 51.131 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY012771.D
Acq: 02 Mar 2023 20:01

Tgt Ion: 95 Resp: 76155
Ion Ratio Lower Upper
95 100
174 90.6 0.0 176.6
176 86.9 0.0 170.2

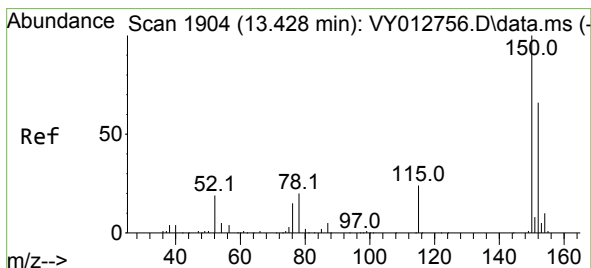
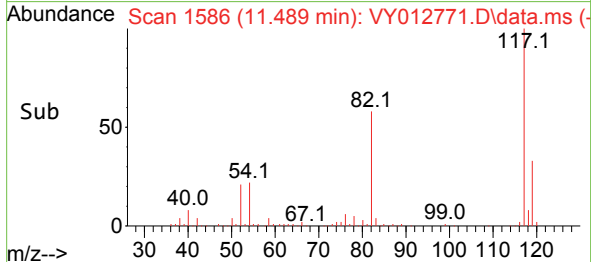
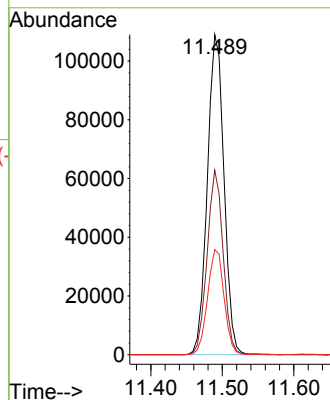
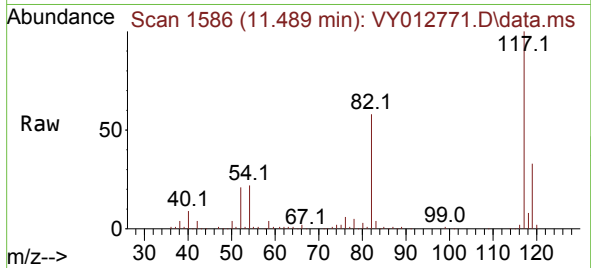




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012771.D
Acq: 02 Mar 2023 20:01

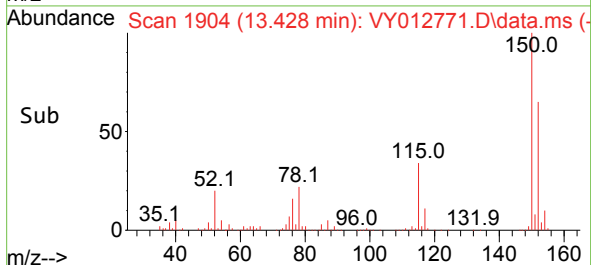
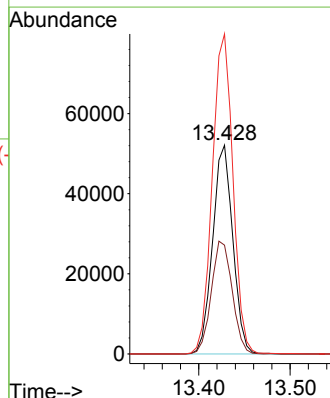
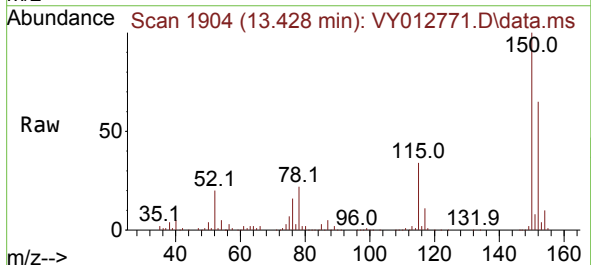
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-2-GRAB-8

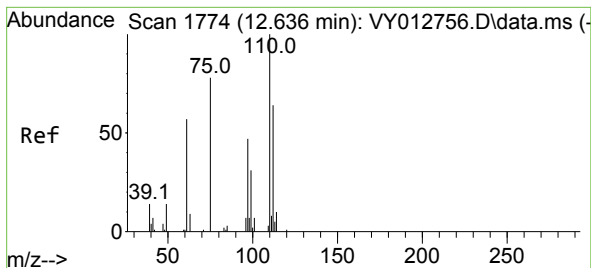
Tgt Ion:117 Resp: 176447
Ion Ratio Lower Upper
117 100
82 57.6 45.4 68.0
119 32.8 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY012771.D
Acq: 02 Mar 2023 20:01

Tgt Ion:152 Resp: 80011
Ion Ratio Lower Upper
152 100
115 55.8 27.1 81.3
150 156.0 0.0 347.8





#76

1,2,3-Trichloropropane

Concen: 41.998 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.153 min

Lab File: VY012771.D

Acq: 02 Mar 2023 20:01

Instrument :

MSVOA_Y

ClientSampleId :

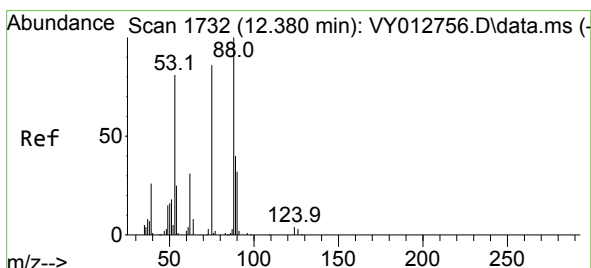
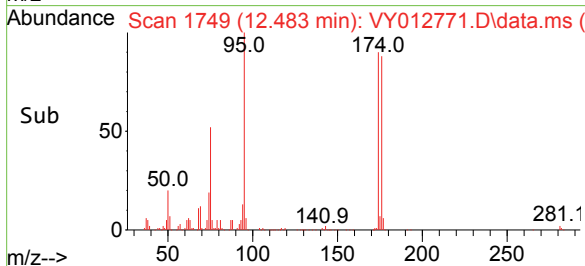
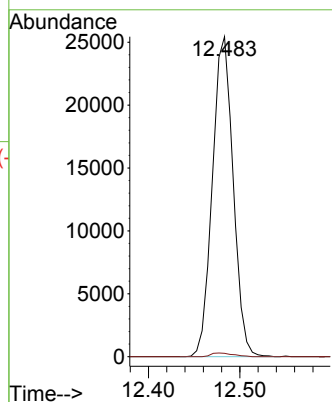
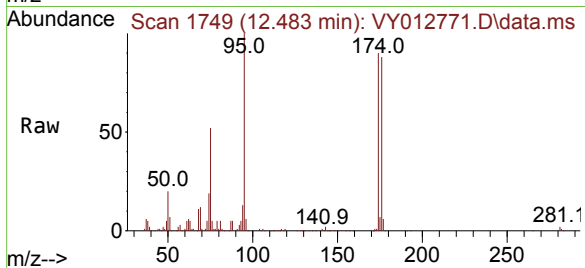
TOTAL-VOC-2-GRAB-8

Tgt Ion: 75 Resp: 40127

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 87.020 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.104 min

Lab File: VY012771.D

Acq: 02 Mar 2023 20:01

Tgt Ion: 75 Resp: 40127

Ion Ratio Lower Upper

75 100

53 0.0 73.4 110.0#

89 0.0 36.6 55.0#

