

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111023\
 Data File : VY016307.D
 Acq On : 10 Nov 2023 14:46
 Operator : SY/MD
 Sample : 05361-01
 Misc : 5.70 g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OK-01-111023

Quant Time: Nov 10 22:22:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 09 00:45:52 2023
 Response via : Initial Calibration

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

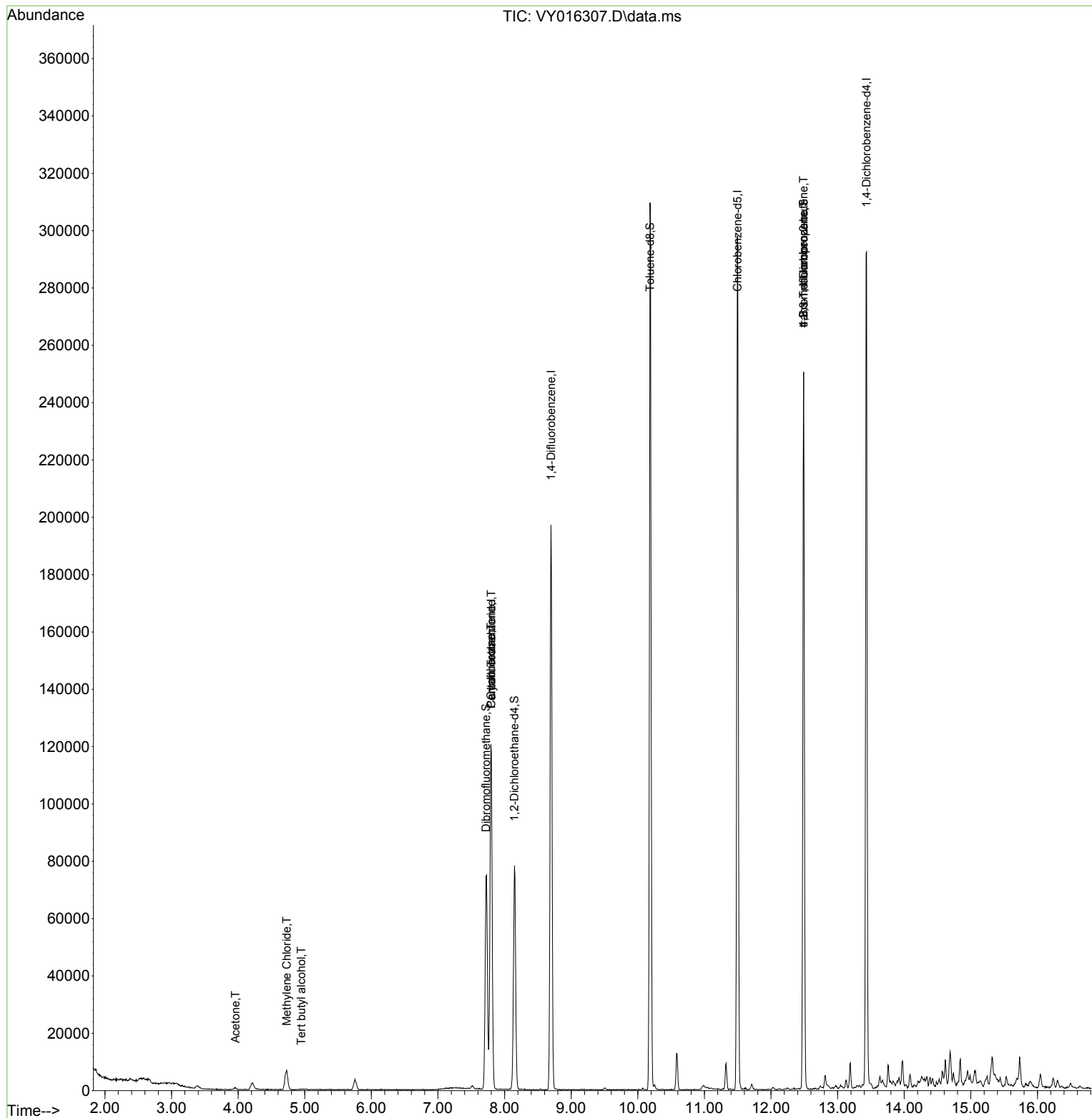
Internal Standards						
1) Pentafluorobenzene	7.801	168	96498	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	172962	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	167910	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	78245	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	61599	69.844	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 139.680%	
35) Dibromofluoromethane	7.722	113	54315	55.281	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.560%	
50) Toluene-d8	10.185	98	203018	50.954	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.900%	
62) 4-Bromofluorobenzene	12.489	95	72741	56.211	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 112.420%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.948	59	302	4.373	ug/l #	89
16) Acetone	3.960	43	1202	8.239	ug/l #	81
20) Methylene Chloride	4.728	84	5404	1.895	ug/l #	85
31) Cyclohexane	7.795	56	1827	1.052	ug/l #	1
38) Carbon Tetrachloride	7.801	117	9667	5.460	ug/l #	16
76) 1,2,3-Trichloropropane	12.489	75	37063	49.378	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	37063	107.179	ug/l #	11

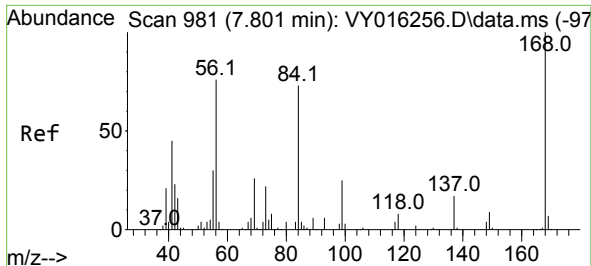
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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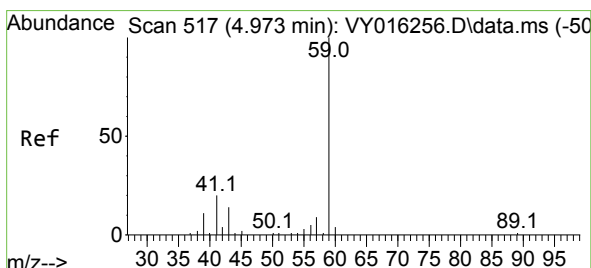
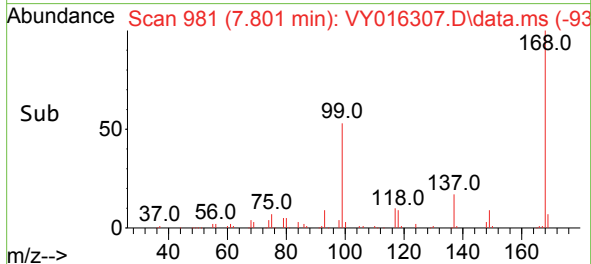
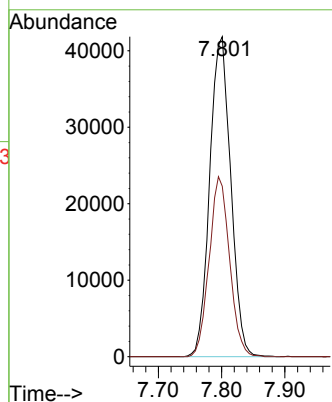
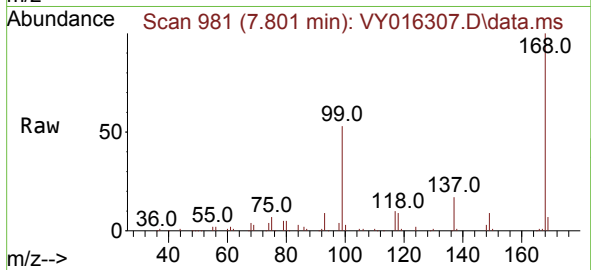




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY016307.D
Acq: 10 Nov 2023 14:46

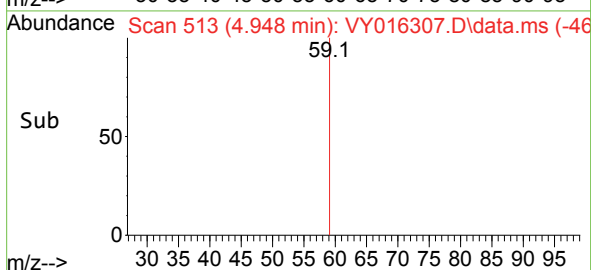
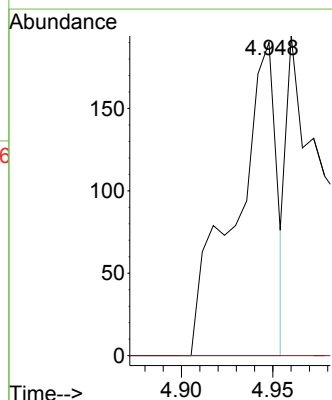
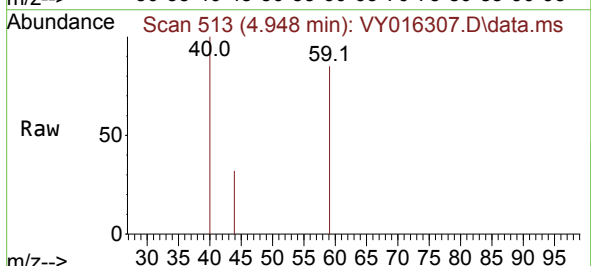
Instrument :
MSVOA_Y
ClientSampleId :
OK-01-111023

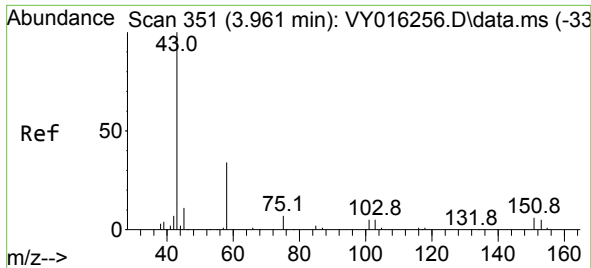
Tgt Ion:168 Resp: 96498
Ion Ratio Lower Upper
168 100
99 53.3 43.4 65.0



#11
Tert butyl alcohol
Concen: 4.373 ug/l
RT: 4.948 min Scan# 513
Delta R.T. -0.025 min
Lab File: VY016307.D
Acq: 10 Nov 2023 14:46

Tgt Ion: 59 Resp: 302
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#

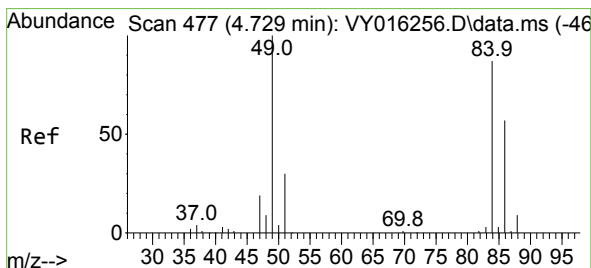
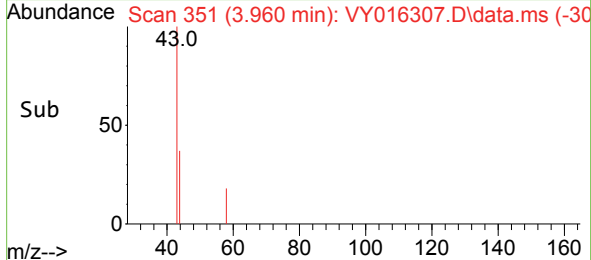
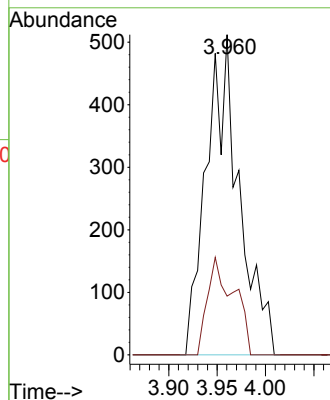
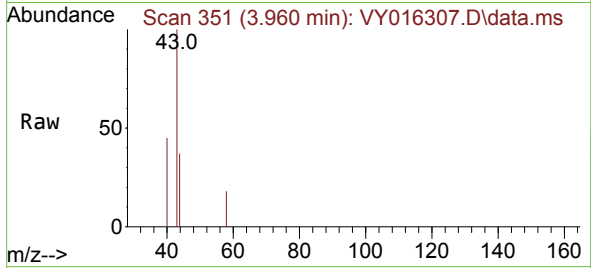




#16
Acetone
Concen: 8.239 ug/l
RT: 3.960 min Scan# 31
Delta R.T. -0.000 min
Lab File: VY016307.D
Acq: 10 Nov 2023 14:46

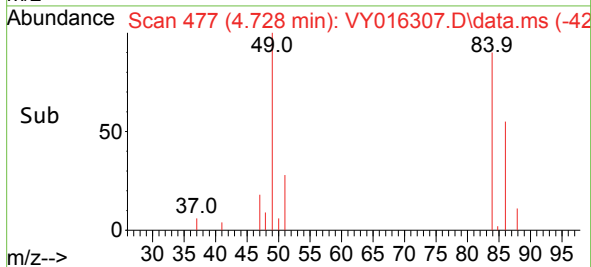
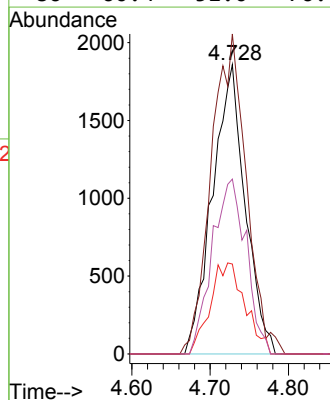
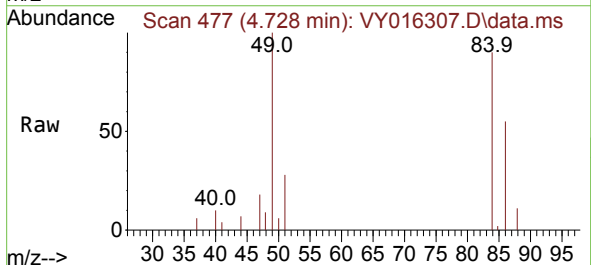
Instrument :
MSVOA_Y
ClientSampleId :
OK-01-111023

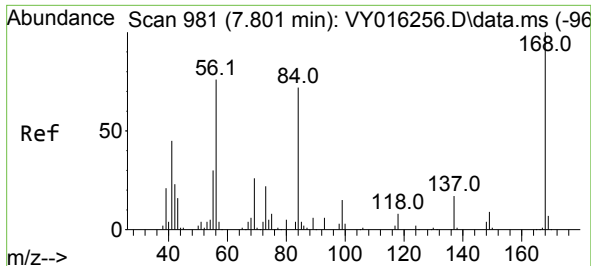
Tgt Ion: 43 Resp: 1202
Ion Ratio Lower Upper
43 100
58 18.4 22.7 34.1#



#20
Methylene Chloride
Concen: 1.895 ug/l
RT: 4.728 min Scan# 477
Delta R.T. -0.001 min
Lab File: VY016307.D
Acq: 10 Nov 2023 14:46

Tgt Ion: 84 Resp: 5404
Ion Ratio Lower Upper
84 100
49 110.6 106.9 160.3
51 31.1 33.2 49.8#
86 60.4 51.0 76.6

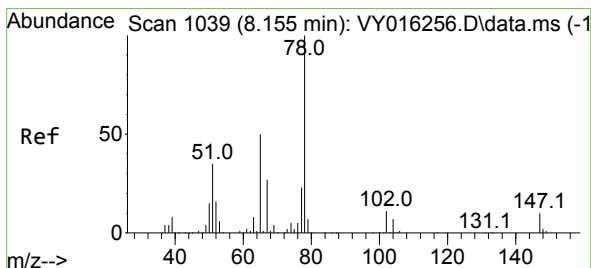
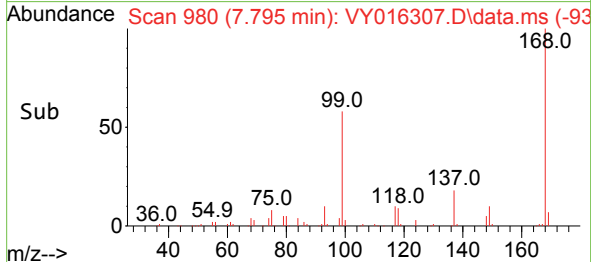
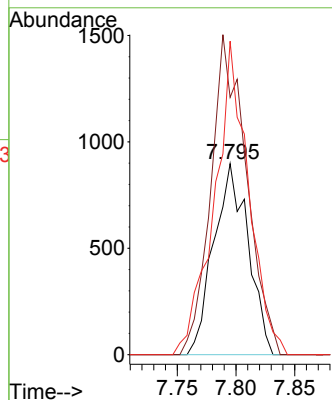
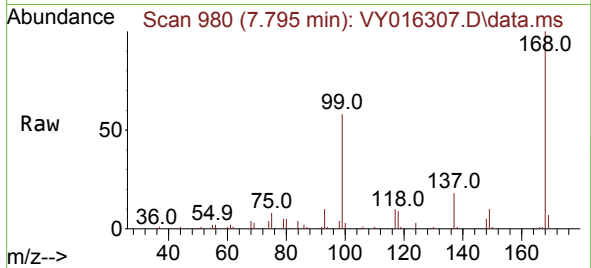




#31
Cyclohexane
Concen: 1.052 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016307.D
Acq: 10 Nov 2023 14:46

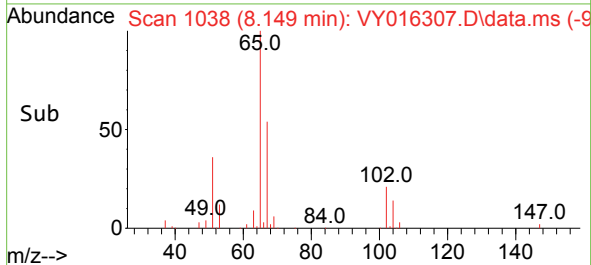
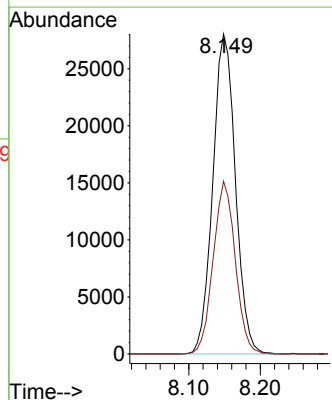
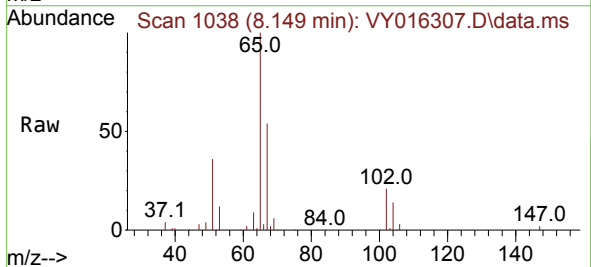
Instrument :
MSVOA_Y
ClientSampleId :
OK-01-111023

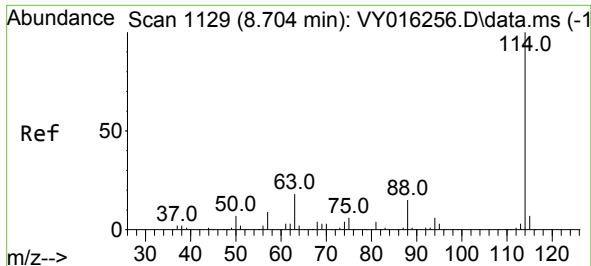
Tgt Ion: 56 Resp: 1827
Ion Ratio Lower Upper
56 100
69 134.6 27.8 41.6#
84 157.9 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 69.844 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY016307.D
Acq: 10 Nov 2023 14:46

Tgt Ion: 65 Resp: 61599
Ion Ratio Lower Upper
65 100
67 52.7 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VY016307.D

Acq: 10 Nov 2023 14:46

Instrument :

MSVOA_Y

ClientSampleId :

OK-01-111023

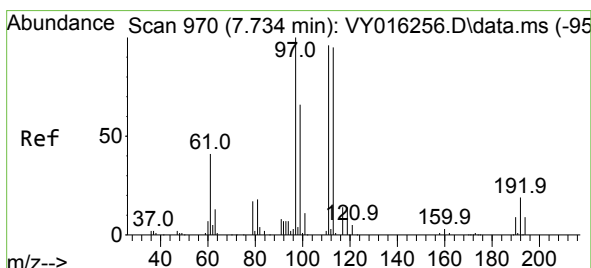
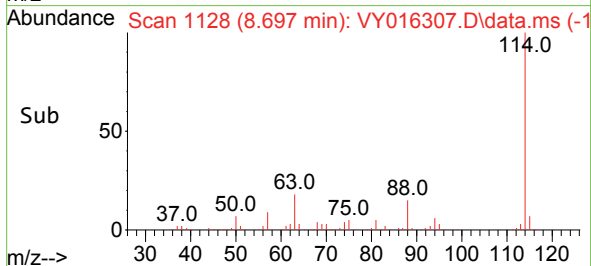
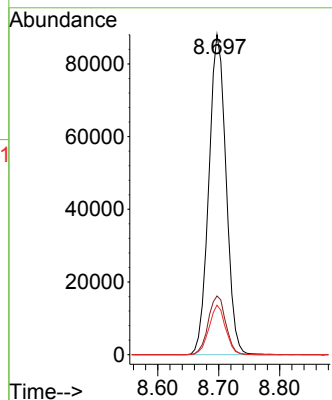
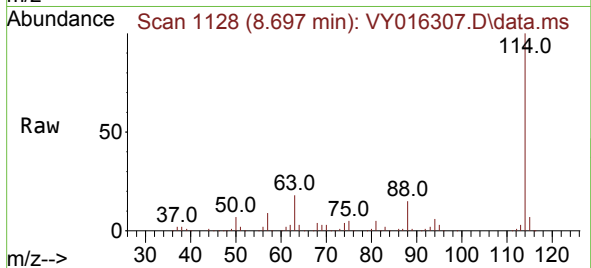
Tgt Ion:114 Resp: 172962

Ion Ratio Lower Upper

114 100

63 18.4 0.0 42.4

88 15.4 0.0 30.6



#35

Dibromofluoromethane

Concen: 55.281 ug/l

RT: 7.722 min Scan# 968

Delta R.T. -0.012 min

Lab File: VY016307.D

Acq: 10 Nov 2023 14:46

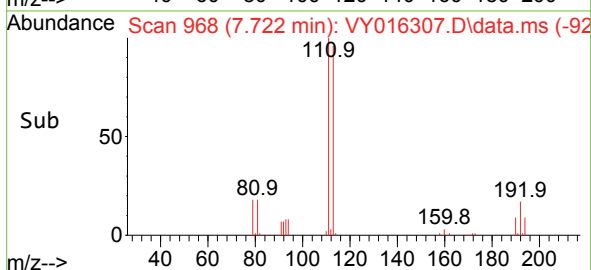
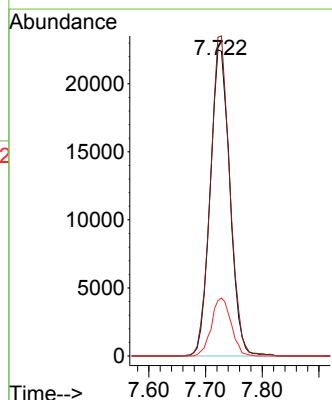
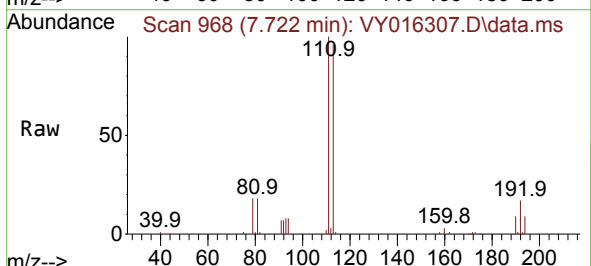
Tgt Ion:113 Resp: 54315

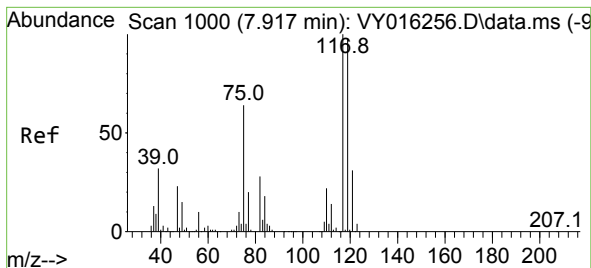
Ion Ratio Lower Upper

113 100

111 103.1 81.3 121.9

192 18.9 16.9 25.3





#38

Carbon Tetrachloride

Concen: 5.460 ug/l

RT: 7.801 min Scan# 91

Delta R.T. -0.116 min

Lab File: VY016307.D

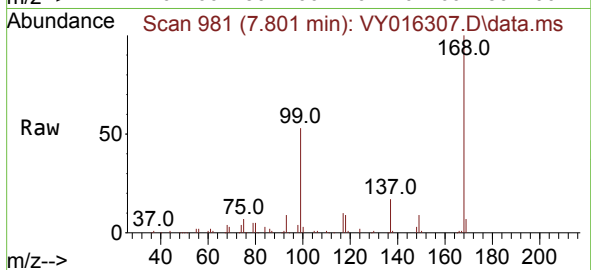
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MSVOA_Y

ClientSampleId :

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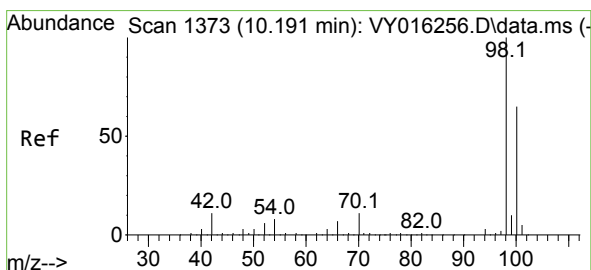
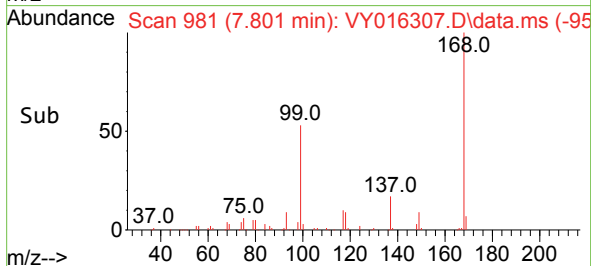
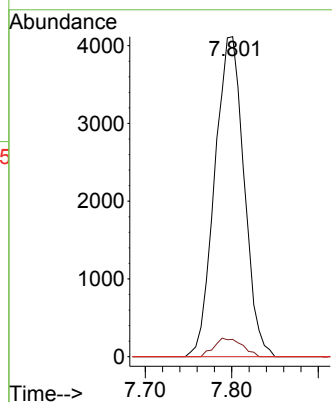
Tgt Ion:117 Resp: 9667

Ion Ratio Lower Upper

117 100

119 5.4 76.4 114.6#

121 0.0 25.8 38.6#



#50

Toluene-d8

Concen: 50.954 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. -0.006 min

Lab File: VY016307.D

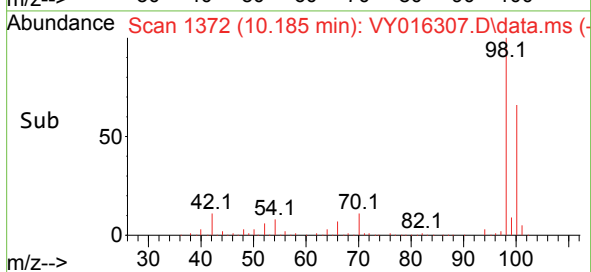
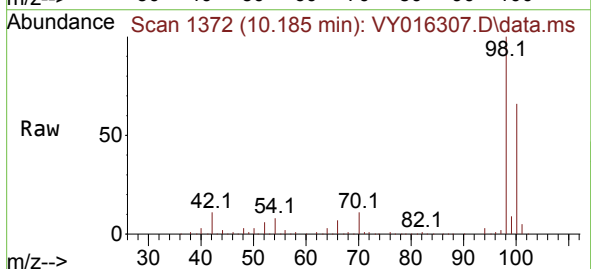
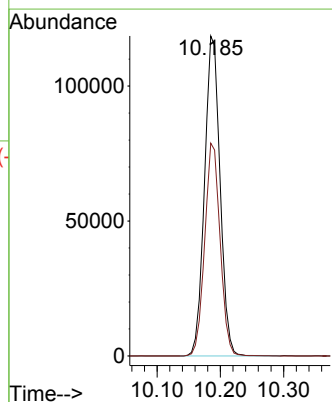
Acq: 10 Nov 2023 14:46

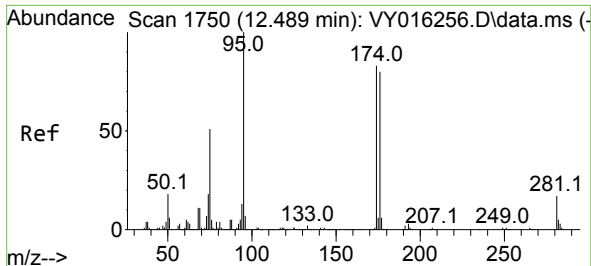
Tgt Ion: 98 Resp: 203018

Ion Ratio Lower Upper

98 100

100 65.9 50.1 75.1

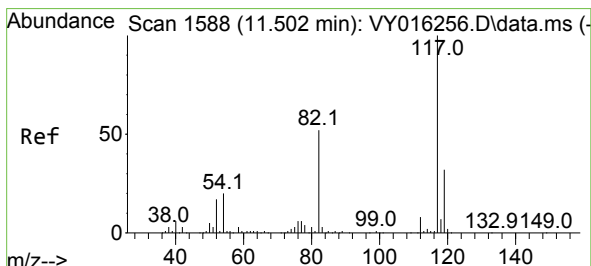
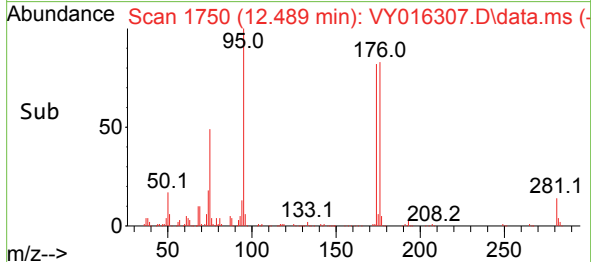
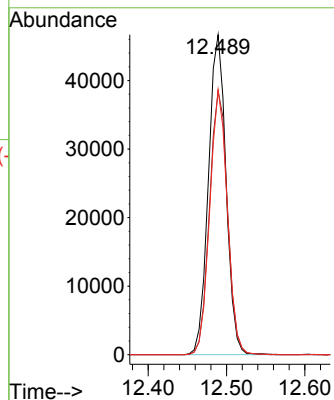
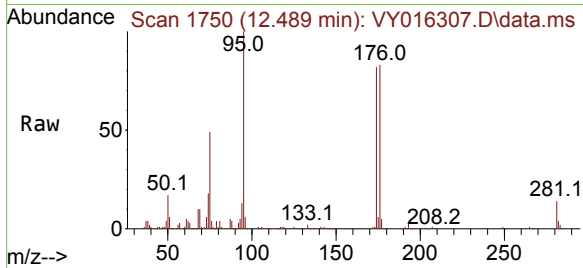




#62
4-Bromofluorobenzene
Concen: 56.211 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VY016307.D
Acq: 10 Nov 2023 14:46

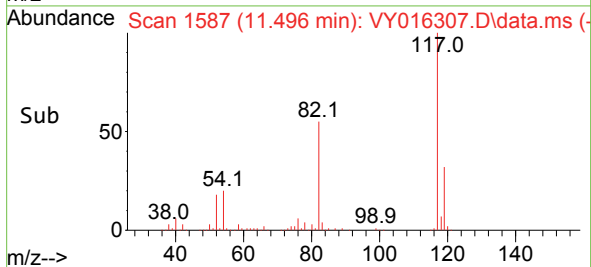
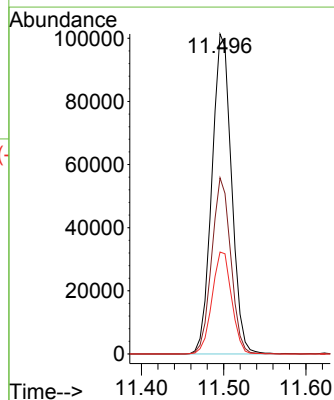
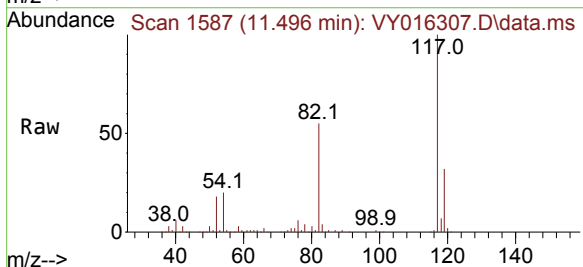
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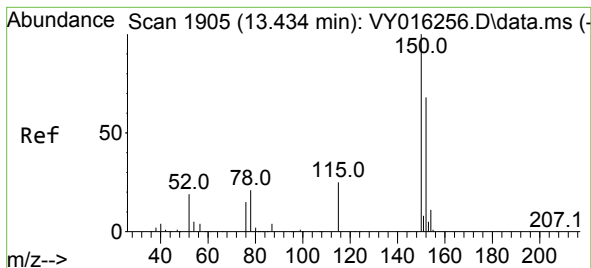
Tgt Ion:	95	Resp:	72741
Ion	Ratio	Lower	Upper
95	100		
174	84.5	0.0	178.2
176	82.6	0.0	173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.006 min
Lab File: VY016307.D
Acq: 10 Nov 2023 14:46

Tgt Ion:	117	Resp:	167910
Ion	Ratio	Lower	Upper
117	100		
82	55.1	43.4	65.0
119	31.8	26.3	39.5

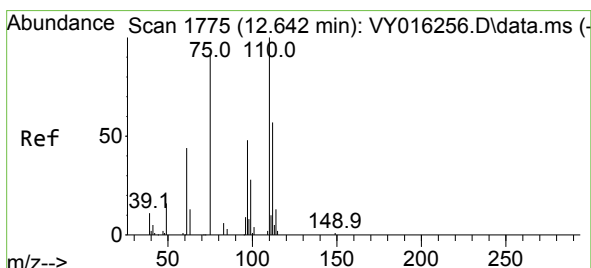
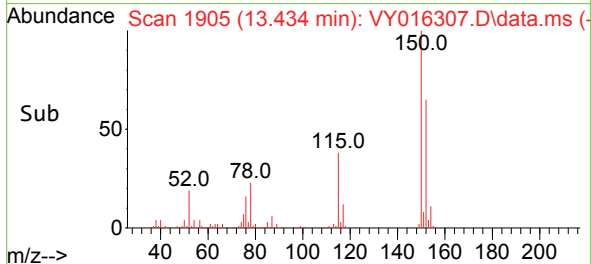
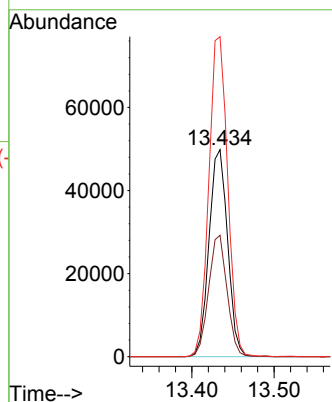
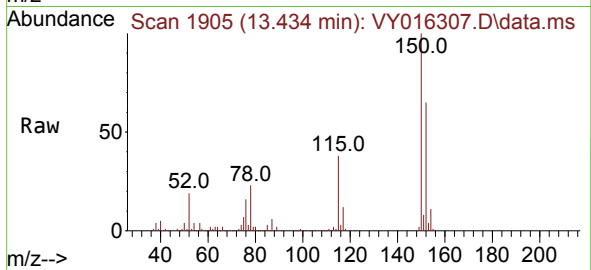




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.434 min Scan# 1905
 Delta R.T. -0.000 min
 Lab File: VY016307.D
 Acq: 10 Nov 2023 14:46

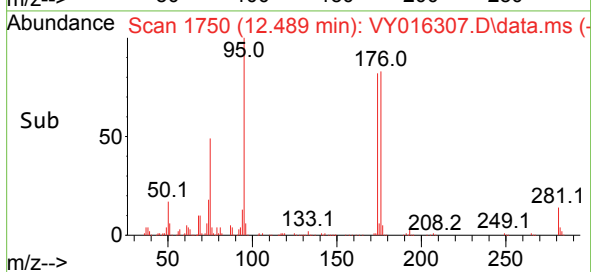
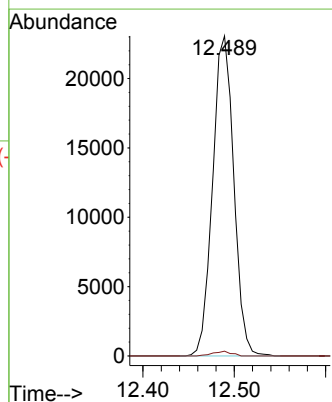
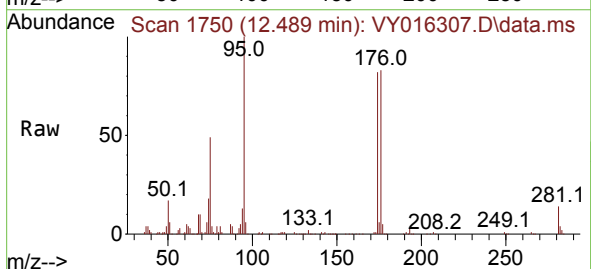
Instrument :
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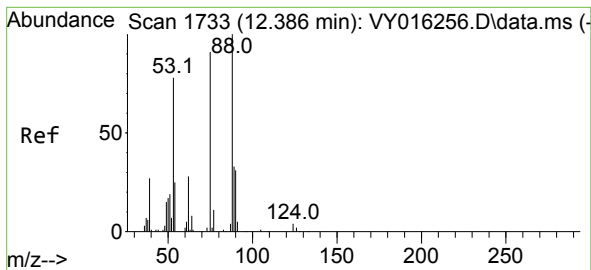
Tgt Ion:152 Resp: 78245
 Ion Ratio Lower Upper
 152 100
 115 58.3 28.8 86.5
 150 156.3 0.0 348.8



#76
 1,2,3-Trichloropropane
 Concen: 49.378 ug/l
 RT: 12.489 min Scan# 1750
 Delta R.T. -0.153 min
 Lab File: VY016307.D
 Acq: 10 Nov 2023 14:46

Tgt Ion: 75 Resp: 37063
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 107.179 ug/l
 RT: 12.489 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY016307.D
 Acq: 10 Nov 2023 14:46

Instrument :
 MSVOA_Y
 ClientSampleId :
 OK-01-111023

Tgt Ion: 75 Resp: 37063
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.8 116.8#
 89 0.3 37.4 56.0#

