

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111723\
 Data File : VY016415.D
 Acq On : 17 Nov 2023 17:16
 Operator : SY/MD
 Sample : 05466-04
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 18 05:22:34 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)

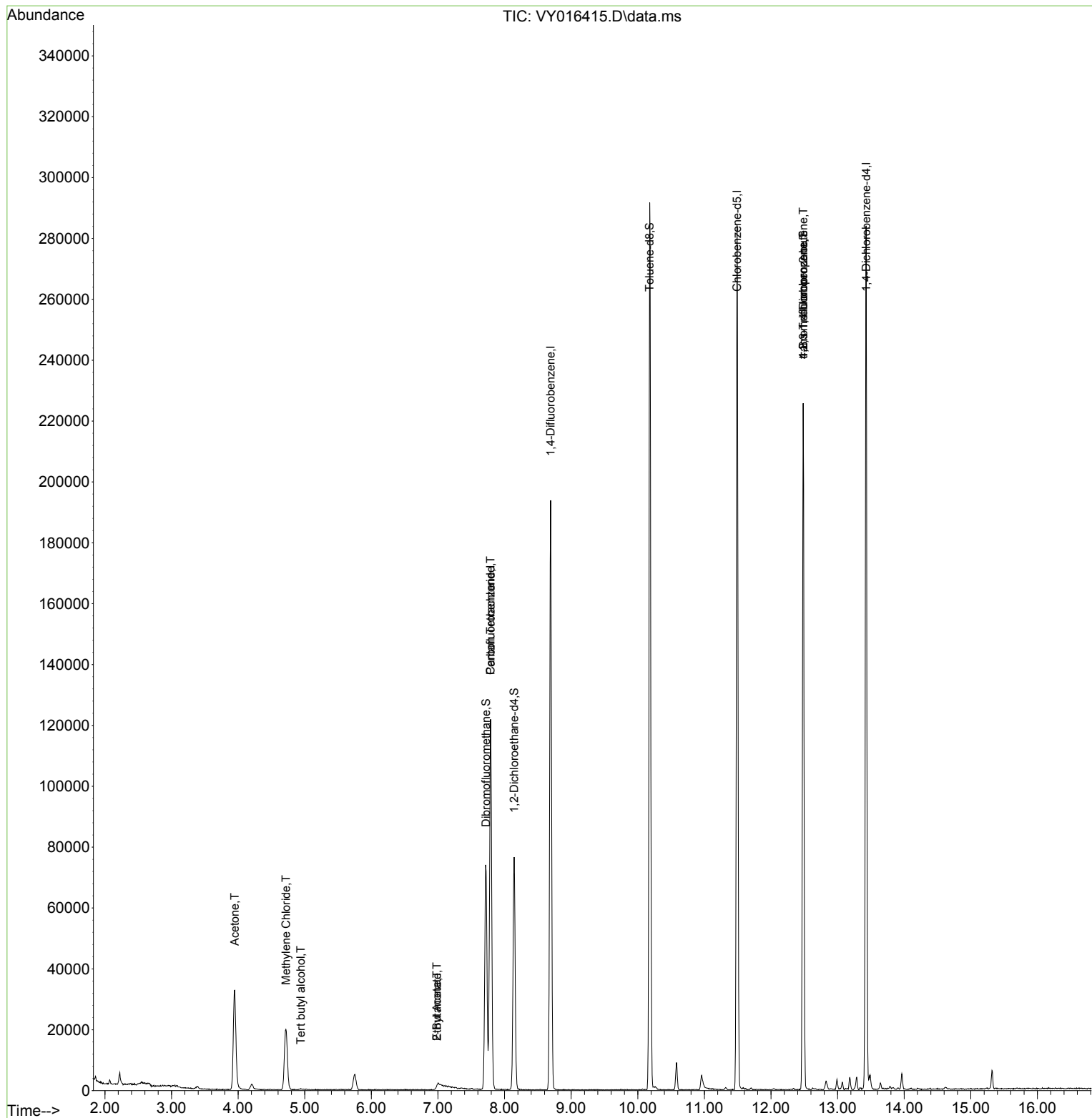
Internal Standards						
1) Pentafluorobenzene	7.789	168	95774	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.691	114	167505	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.490	117	162097	50.000	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.428	152	74449	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	59192	67.622	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 135.240%	
35) Dibromofluoromethane	7.722	113	52743	55.429	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.860%	
50) Toluene-d8	10.179	98	195900	50.769	ug/l	-0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.540%	
62) 4-Bromofluorobenzene	12.483	95	67925	54.200	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 108.400%	
Target Compounds						Qvalue
11) Tert butyl alcohol	4.942	59	699	10.198	ug/l #	89
16) Acetone	3.948	43	57868	399.664	ug/l	90
20) Methylene Chloride	4.716	84	16547	13.646	ug/l	86
25) 2-Butanone	6.984	43	2269	8.947	ug/l	96
37) Ethyl Acetate	6.984	43	2269	3.399	ug/l #	72
38) Carbon Tetrachloride	7.789	117	9683	5.647	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	35383	49.543	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	35383	107.538	ug/l #	10

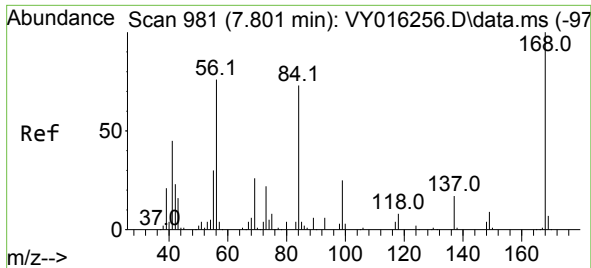
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111723\
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ClientSampleId :

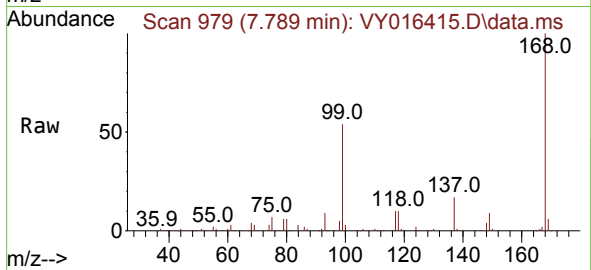
Quant Time: Nov 18 05:22:34 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 09 00:45:52 2023
Response via : Initial Calibration



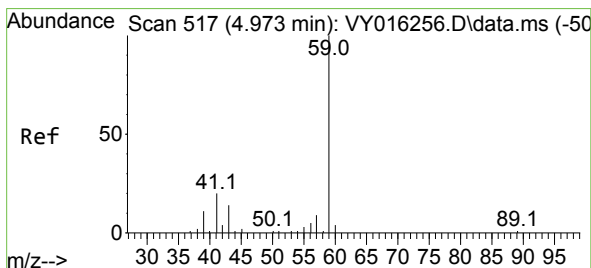
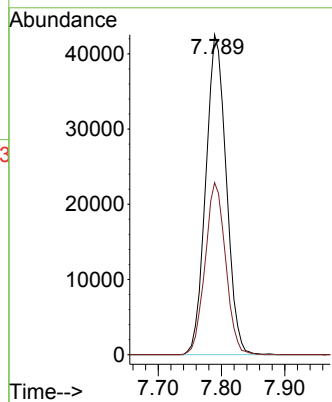
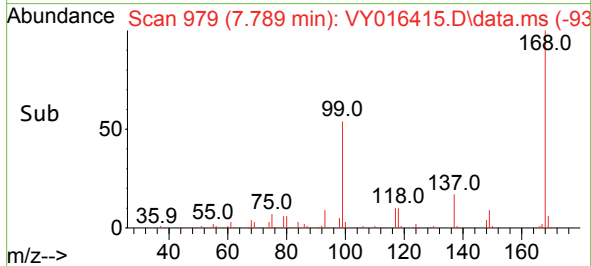


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY016415.D
Acq: 17 Nov 2023 17:16

Instrument :
MSVOA_Y
ClientSampleId :

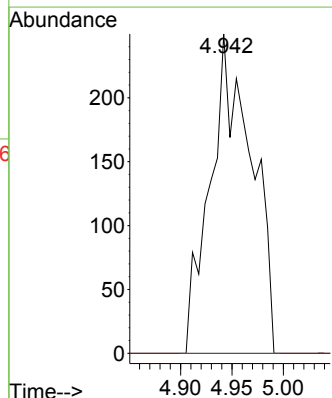
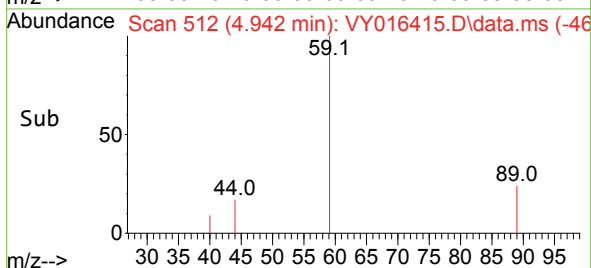
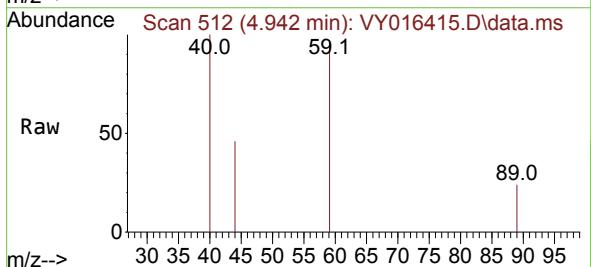


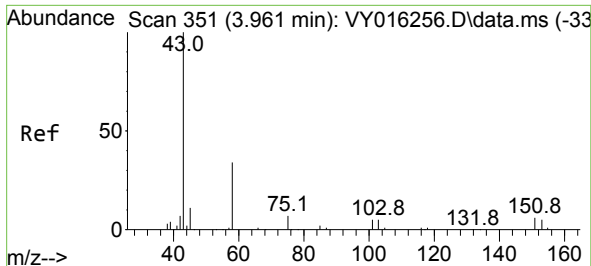
Tgt Ion:168 Resp: 95774
Ion Ratio Lower Upper
168 100
99 53.7 43.4 65.0



#11
Tert butyl alcohol
Concen: 10.198 ug/l
RT: 4.942 min Scan# 512
Delta R.T. -0.031 min
Lab File: VY016415.D
Acq: 17 Nov 2023 17:16

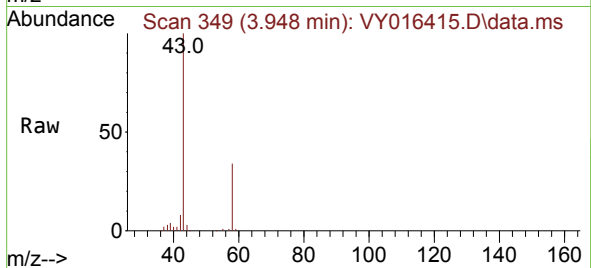
Tgt Ion: 59 Resp: 699
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#



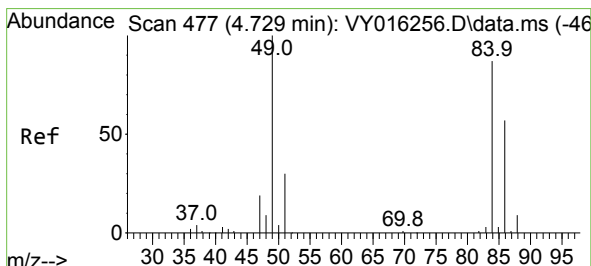
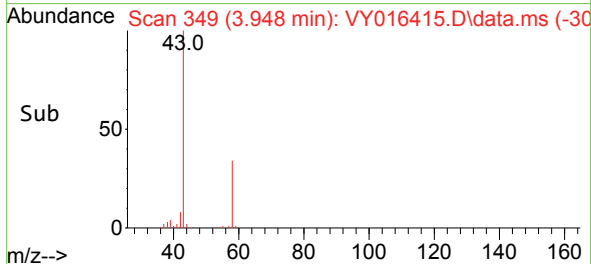
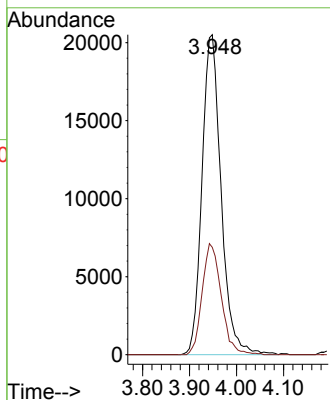


#16
Acetone
Concen: 399.664 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.012 min
Lab File: VY016415.D
Acq: 17 Nov 2023 17:16

Instrument :
MSVOA_Y
ClientSampleId :

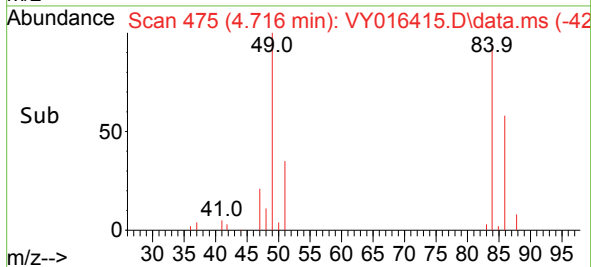
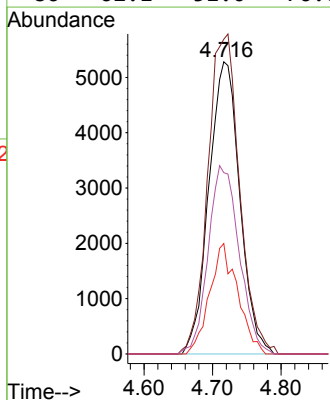
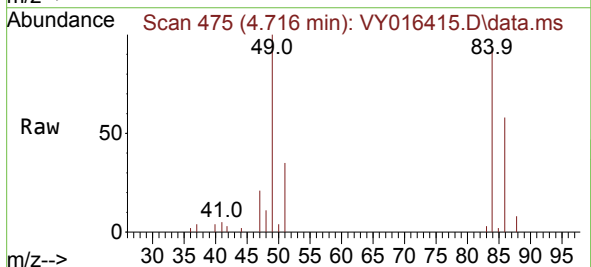


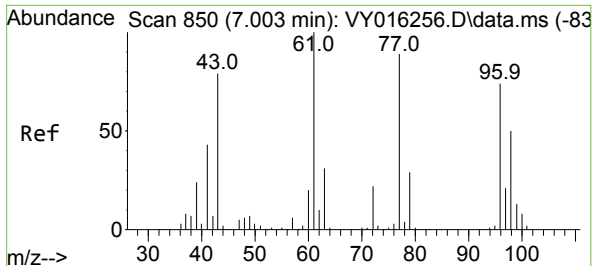
Tgt Ion: 43 Resp: 57868
Ion Ratio Lower Upper
43 100
58 33.5 22.7 34.1



#20
Methylene Chloride
Concen: 13.646 ug/l
RT: 4.716 min Scan# 475
Delta R.T. -0.013 min
Lab File: VY016415.D
Acq: 17 Nov 2023 17:16

Tgt Ion: 84 Resp: 16547
Ion Ratio Lower Upper
84 100
49 107.7 106.9 160.3
51 37.8 33.2 49.8
86 62.1 51.0 76.6





#25

2-Butanone

Concen: 8.947 ug/l

RT: 6.984 min Scan# 84

Delta R.T. -0.018 min

Lab File: VY016415.D

Acq: 17 Nov 2023 17:16

Instrument :

MSVOA_Y

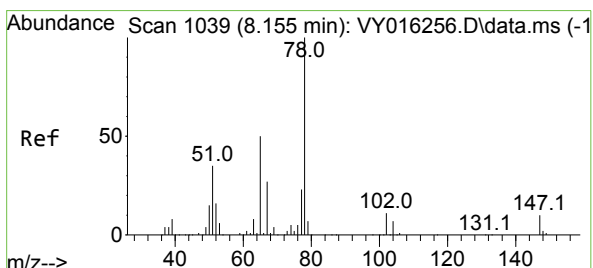
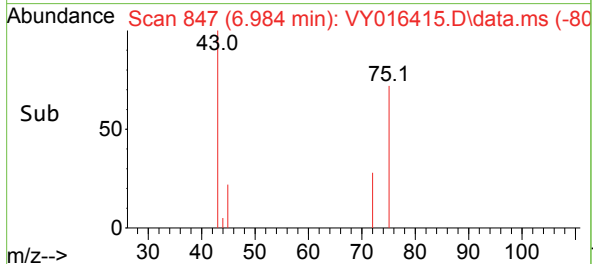
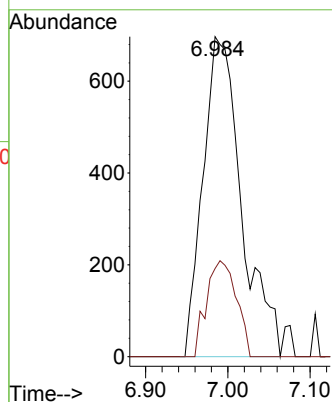
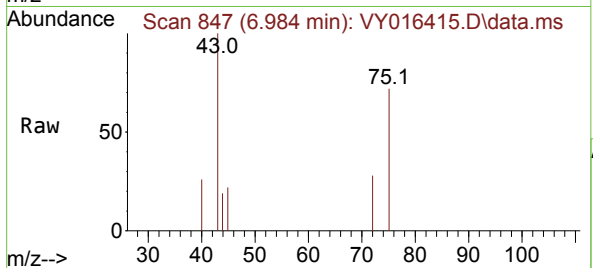
ClientSampleId :

Tgt Ion: 43 Resp: 2269

Ion Ratio Lower Upper

43 100

72 27.5 20.5 30.7



#33

1,2-Dichloroethane-d4

Concen: 67.622 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. -0.012 min

Lab File: VY016415.D

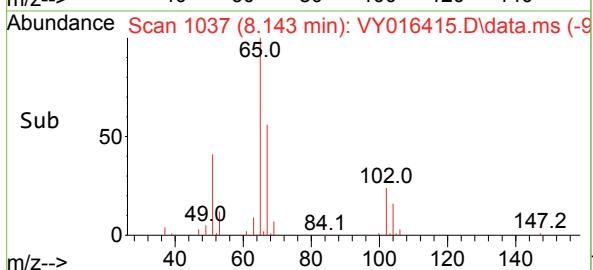
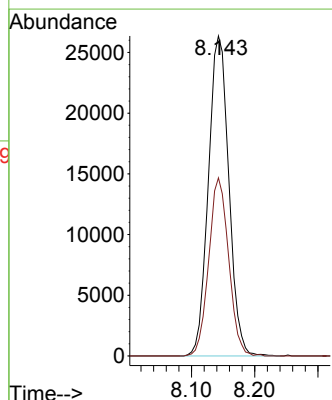
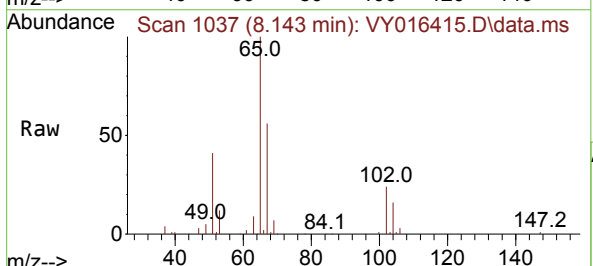
Acq: 17 Nov 2023 17:16

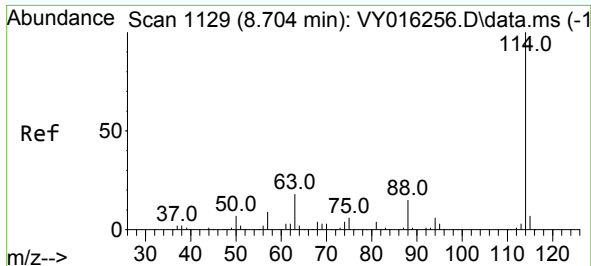
Tgt Ion: 65 Resp: 59192

Ion Ratio Lower Upper

65 100

67 54.2 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.012 min

Lab File: VY016415.D

Acq: 17 Nov 2023 17:16

Instrument :

MSVOA_Y

ClientSampleId :

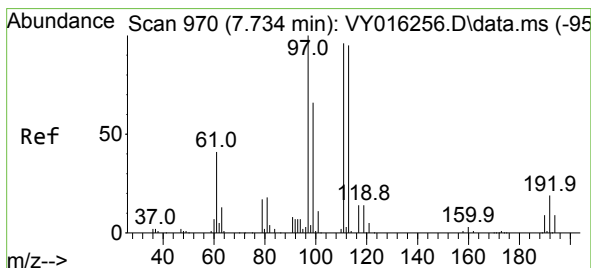
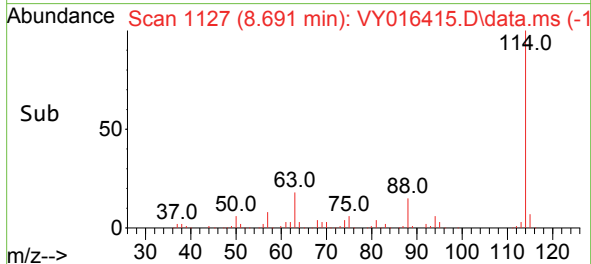
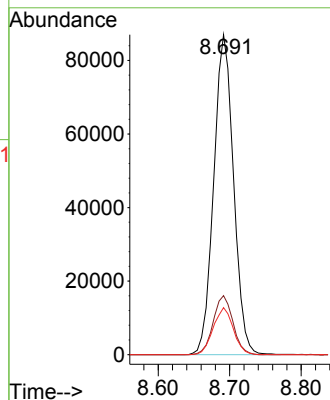
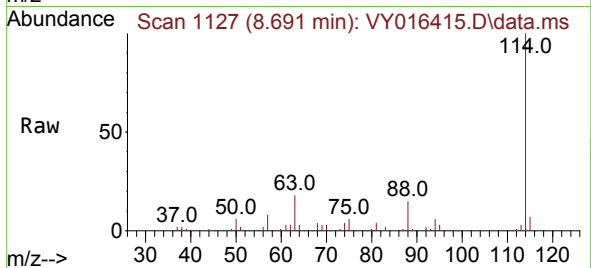
Tgt Ion:114 Resp: 167505

Ion Ratio Lower Upper

114 100

63 18.5 0.0 42.4

88 14.7 0.0 30.6



#35

Dibromofluoromethane

Concen: 55.429 ug/l

RT: 7.722 min Scan# 968

Delta R.T. -0.012 min

Lab File: VY016415.D

Acq: 17 Nov 2023 17:16

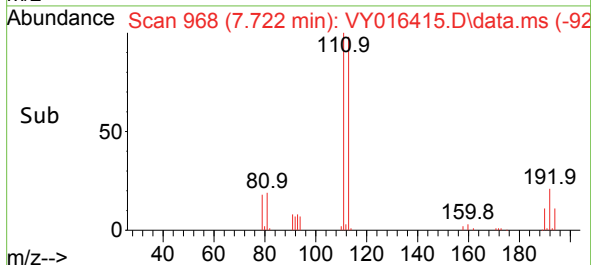
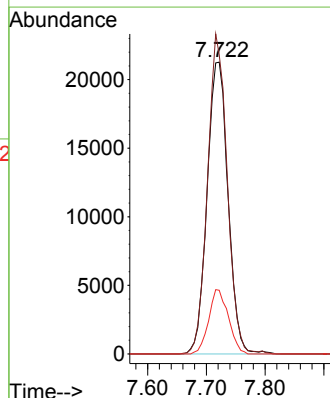
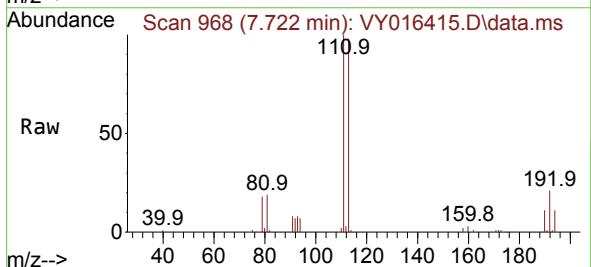
Tgt Ion:113 Resp: 52743

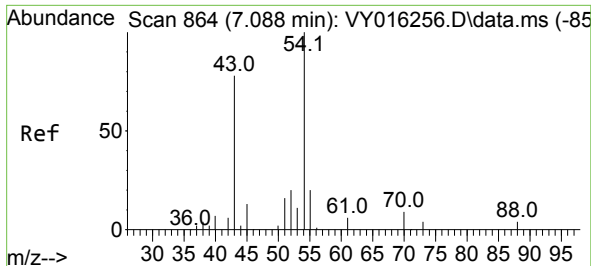
Ion Ratio Lower Upper

113 100

111 103.1 81.3 121.9

192 20.7 16.9 25.3





#37

Ethyl Acetate

Concen: 3.399 ug/l

RT: 6.984 min Scan# 84

Delta R.T. -0.104 min

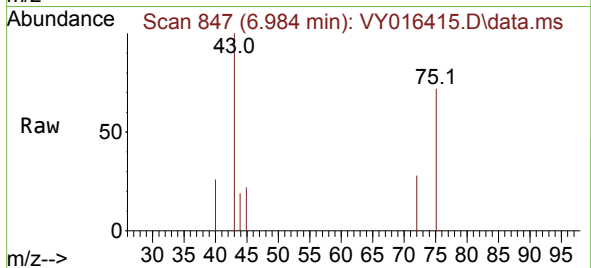
Lab File: VY016415.D

Acq: 17 Nov 2023 17:16

Instrument :

MSVOA_Y

ClientSampleId :



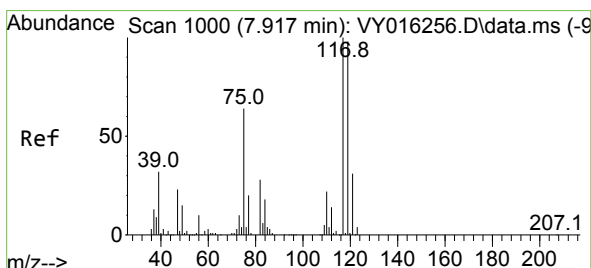
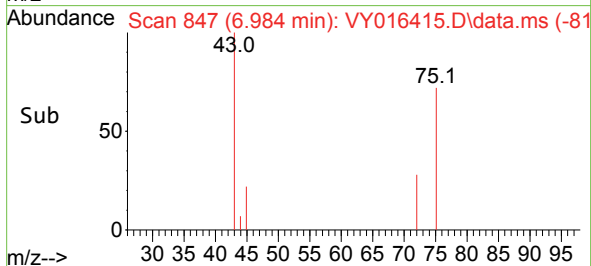
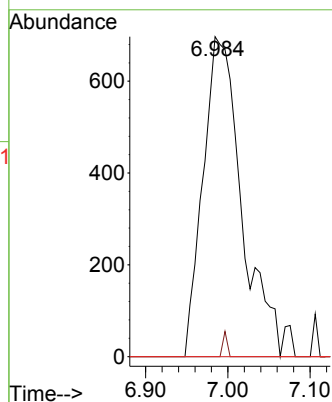
Tgt Ion: 43 Resp: 2269

Ion Ratio Lower Upper

43 100

61 0.9 10.1 15.1#

70 0.0 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 5.647 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.128 min

Lab File: VY016415.D

Acq: 17 Nov 2023 17:16

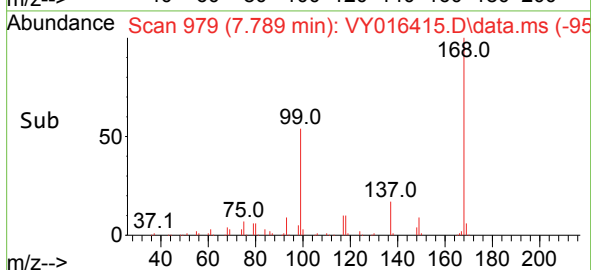
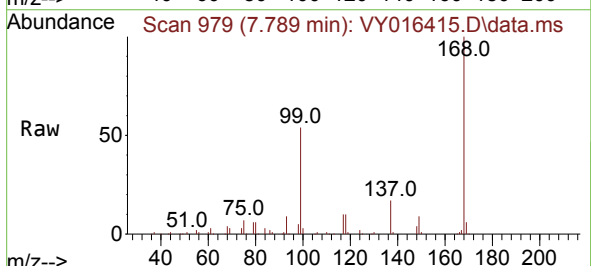
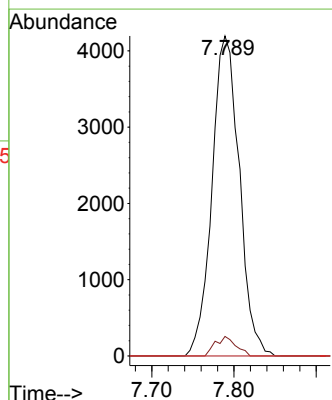
Tgt Ion: 117 Resp: 9683

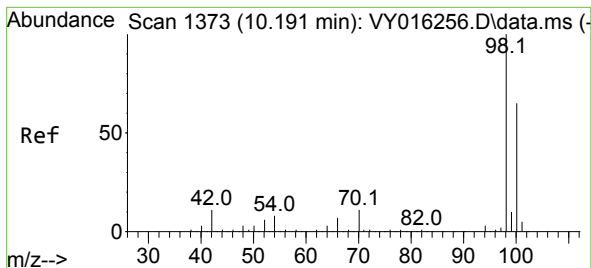
Ion Ratio Lower Upper

117 100

119 6.1 76.4 114.6#

121 0.0 25.8 38.6#

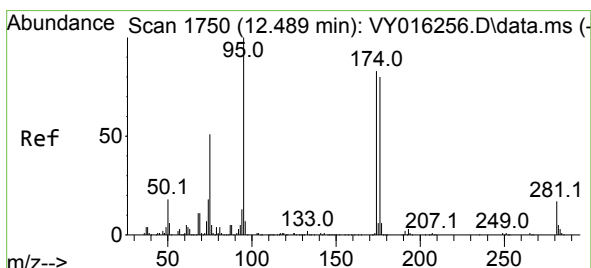
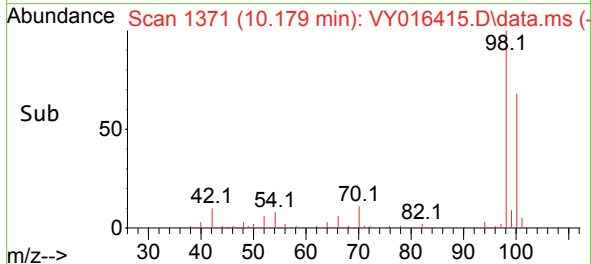
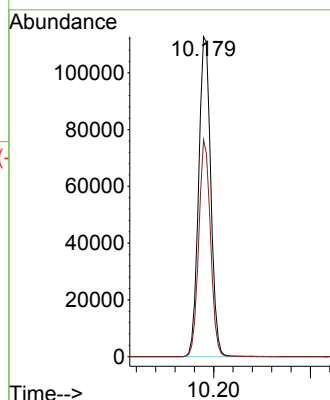
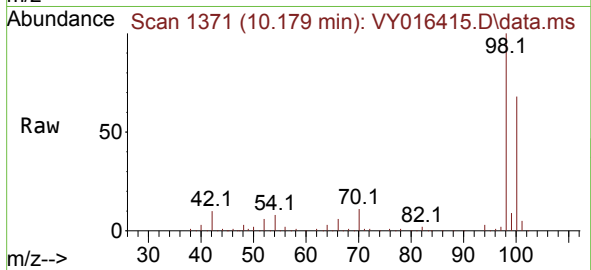




#50
Toluene-d8
Concen: 50.769 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY016415.D
Acq: 17 Nov 2023 17:16

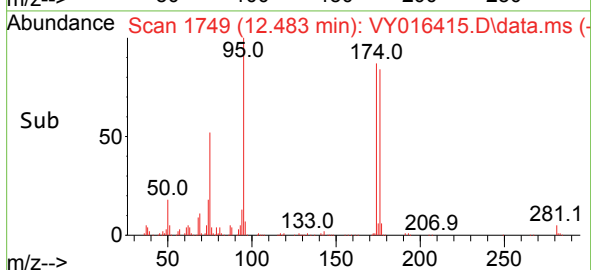
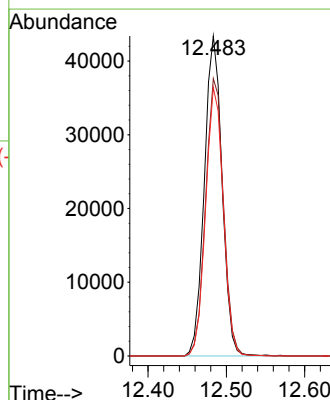
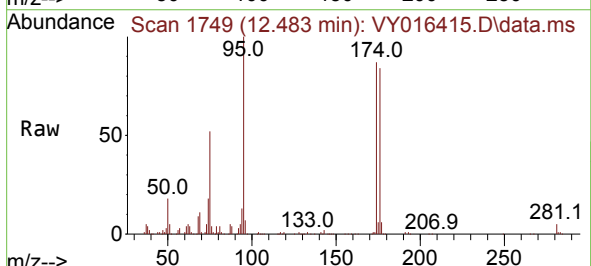
Instrument :
MSVOA_Y
ClientSampleId :

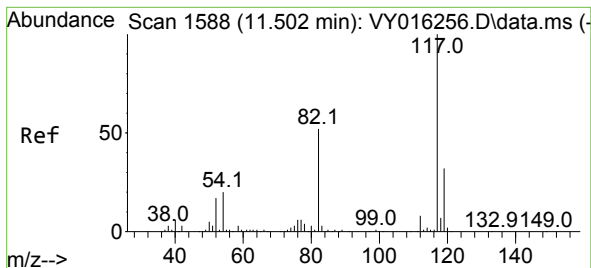
Tgt Ion: 98 Resp: 195900
Ion Ratio Lower Upper
98 100
100 65.4 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 54.200 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY016415.D
Acq: 17 Nov 2023 17:16

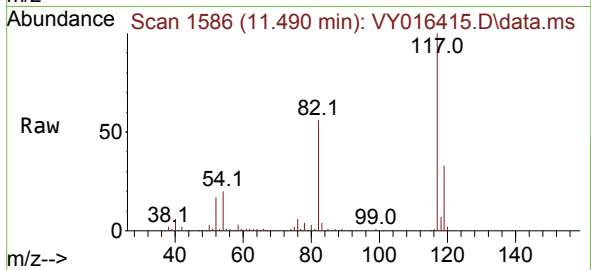
Tgt Ion: 95 Resp: 67925
Ion Ratio Lower Upper
95 100
174 88.1 0.0 178.2
176 83.9 0.0 173.8



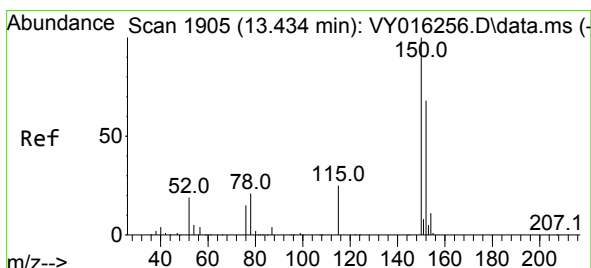
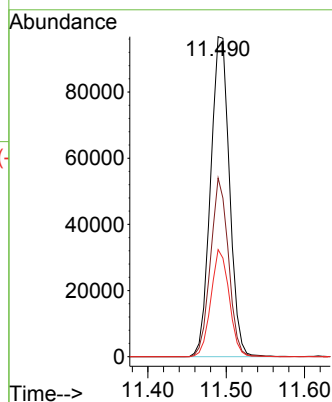
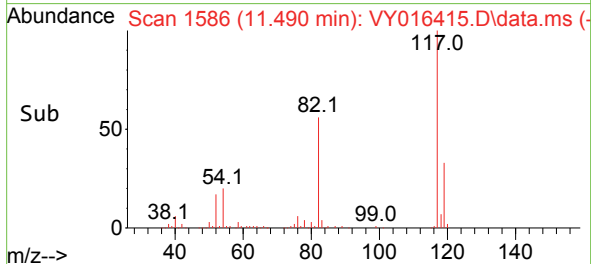


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY016415.D
Acq: 17 Nov 2023 17:16

Instrument :
MSVOA_Y
ClientSampleId :

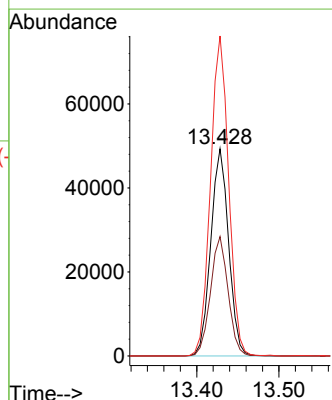
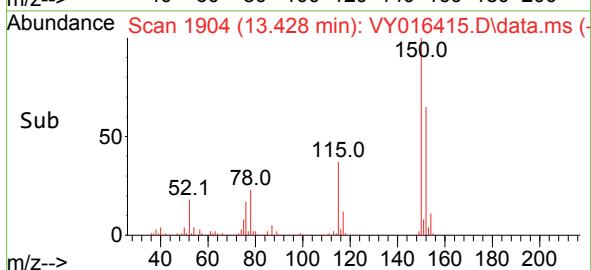
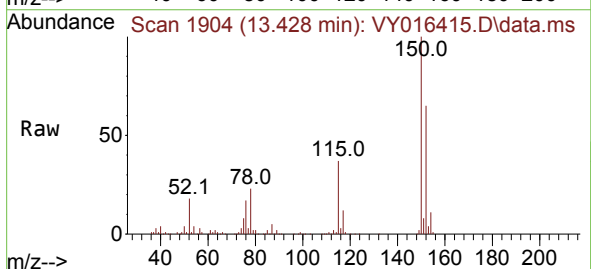


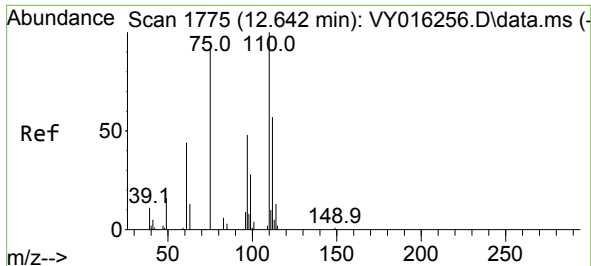
Tgt Ion:117 Resp: 162097
Ion Ratio Lower Upper
117 100
82 55.8 43.4 65.0
119 33.5 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.006 min
Lab File: VY016415.D
Acq: 17 Nov 2023 17:16

Tgt Ion:152 Resp: 74449
Ion Ratio Lower Upper
152 100
115 57.0 28.8 86.5
150 156.6 0.0 348.8

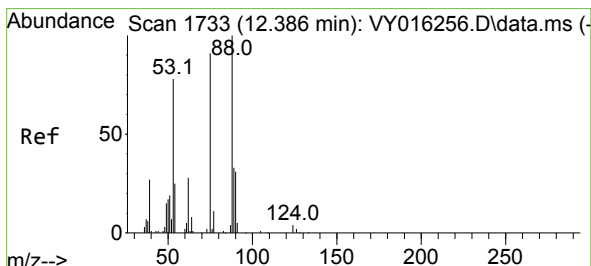
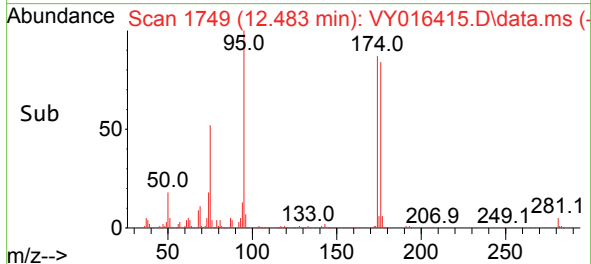
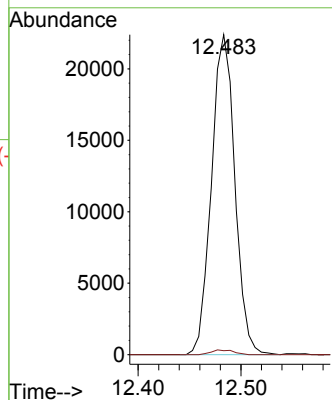
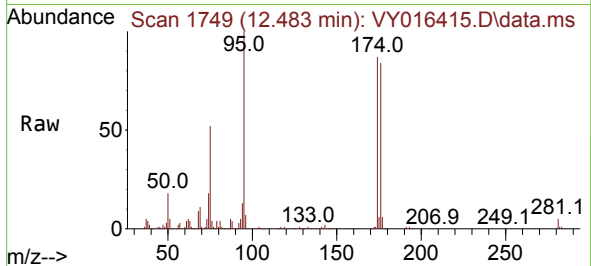




#76
1,2,3-Trichloropropane
Concen: 49.543 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.159 min
Lab File: VY016415.D
Acq: 17 Nov 2023 17:16

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 35383
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 107.538 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.097 min
Lab File: VY016415.D
Acq: 17 Nov 2023 17:16

Tgt Ion: 75 Resp: 35383
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.0 37.4 56.0#

