

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120122\
 Data File : VY011660.D
 Acq On : 01 Dec 2022 14:15
 Operator : KP/MD
 Sample : N5817-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OK-3-113022

Quant Time: Dec 02 03:20:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 19 22:37:14 2022
 Response via : Initial Calibration

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

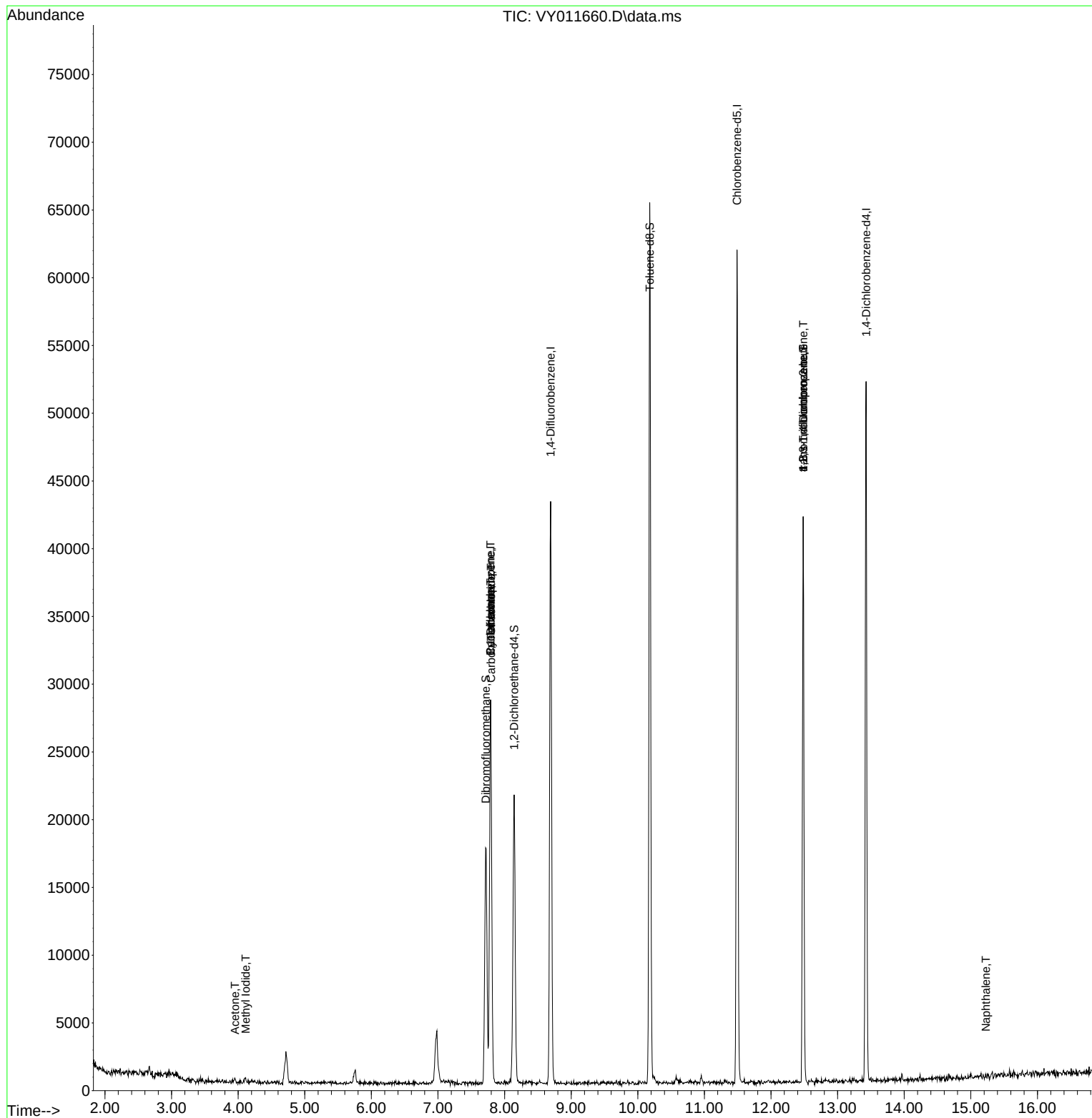
Internal Standards						
1) Pentafluorobenzene	7.789	168	21789	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	36833	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	34941	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	13486	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	16846	76.142	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	152.280%
35) Dibromofluoromethane	7.716	113	13013	57.391	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	114.780%
50) Toluene-d8	10.179	98	44064	53.479	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.960%
62) 4-Bromofluorobenzene	12.483	95	12930	42.443	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	84.880%
Target Compounds						
3) Chloromethane	2.119	50	152	Below Cal	#	44
5) Bromomethane	2.668	94	153	Below Cal		86
10) Methyl Iodide	4.113	142	477	1.959	ug/l #	60
11) Tert butyl alcohol	4.942	59	27	Below Cal	#	77
16) Acetone	3.954	43	375	5.218	ug/l #	47
20) Methylene Chloride	4.716	84	1752	Below Cal	#	80
31) Cyclohexane	7.789	56	476	1.298	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	1628	4.593	ug/l #	48
38) Carbon Tetrachloride	7.795	117	2223	5.606	ug/l #	11
76) 1,2,3-Trichloropropane	12.483	75	6886	47.413	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	6886	103.850	ug/l #	7
95) Naphthalene	15.227	128	169	4.345	ug/l #	69

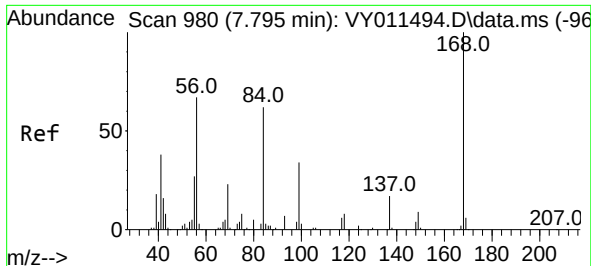
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120122\
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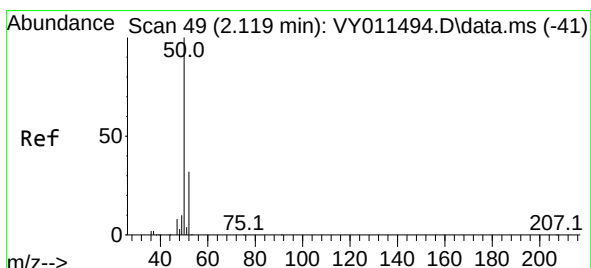
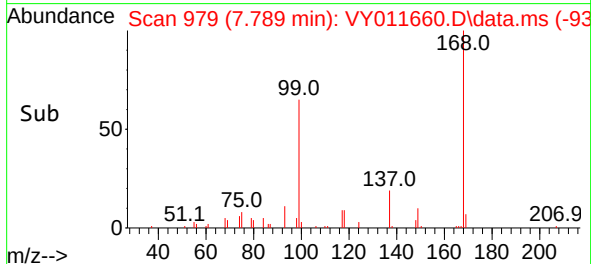
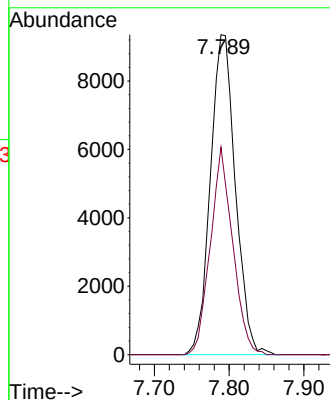
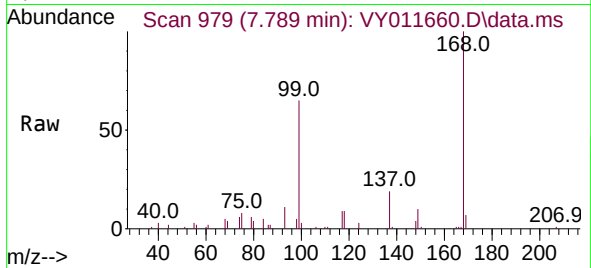




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011660.D
Acq: 01 Dec 2022 14:15

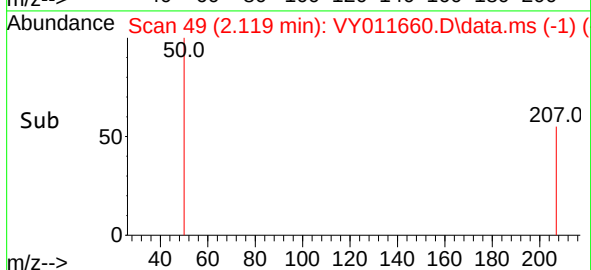
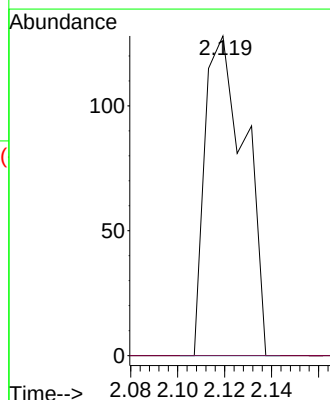
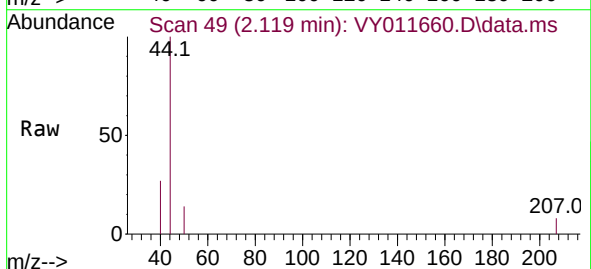
Instrument :
MSVOA_Y
ClientSampleId :
OK-3-113022

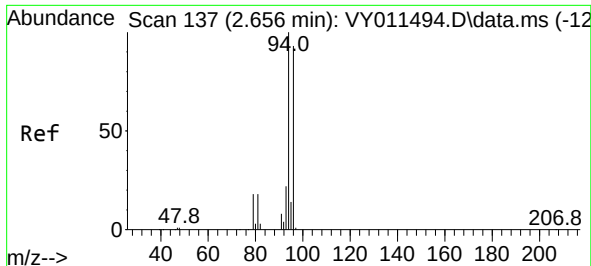
Tgt Ion:168 Resp: 21789
Ion Ratio Lower Upper
168 100
99 64.8 46.9 70.3



#3
Chloromethane
Concen: Below Cal
RT: 2.119 min Scan# 49
Delta R.T. 0.000 min
Lab File: VY011660.D
Acq: 01 Dec 2022 14:15

Tgt Ion: 50 Resp: 152
Ion Ratio Lower Upper
50 100
52 0.0 24.6 37.0#

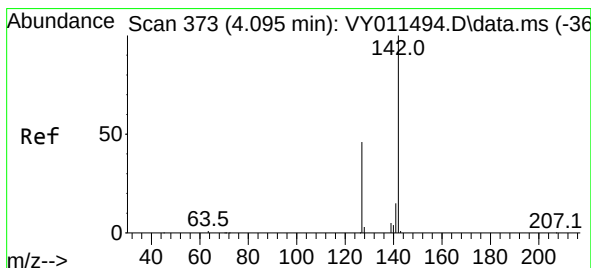
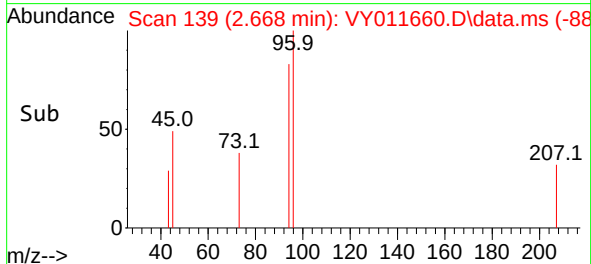
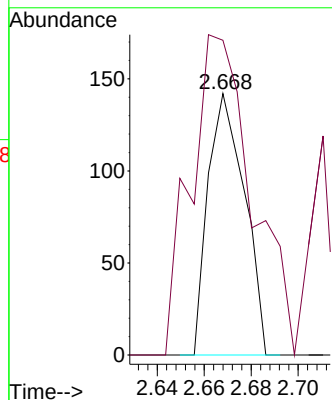
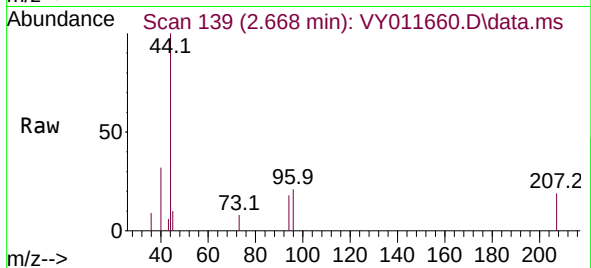




#5
Bromomethane
Concen: Below Cal
RT: 2.668 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY011660.D
Acq: 01 Dec 2022 14:15

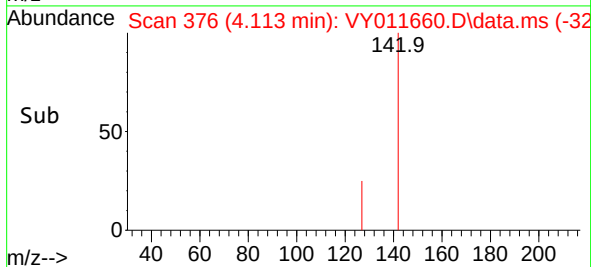
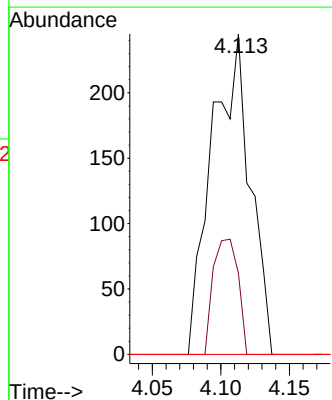
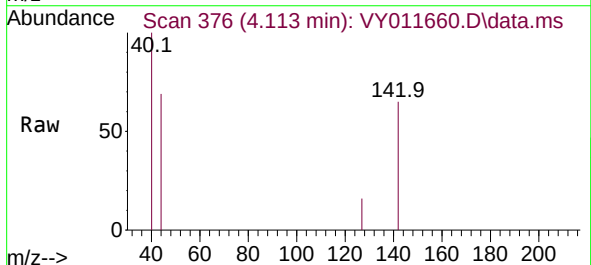
Instrument :
MSVOA_Y
ClientSampleId :
OK-3-113022

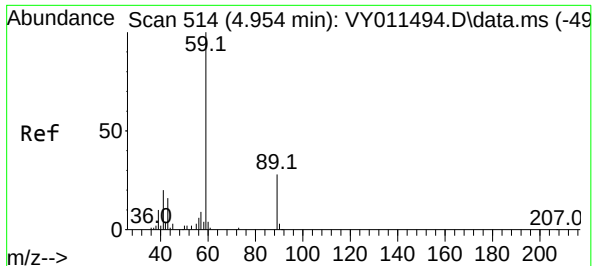
Tgt Ion: 94 Resp: 153
Ion Ratio Lower Upper
94 100
96 78.9 73.5 110.3



#10
Methyl Iodide
Concen: 1.959 ug/l
RT: 4.113 min Scan# 376
Delta R.T. 0.018 min
Lab File: VY011660.D
Acq: 01 Dec 2022 14:15

Tgt Ion:142 Resp: 477
Ion Ratio Lower Upper
142 100
127 23.3 41.5 62.3#
141 0.0 11.9 17.9#

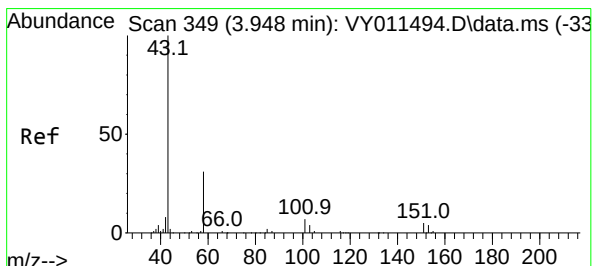
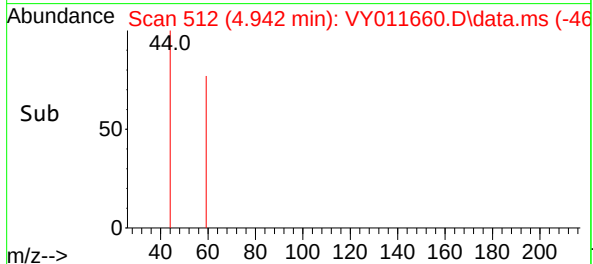
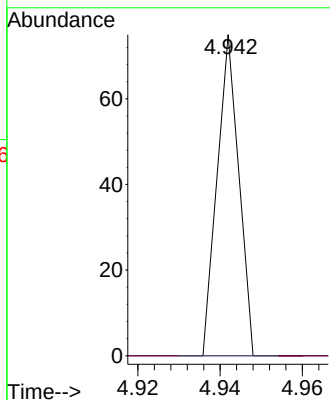
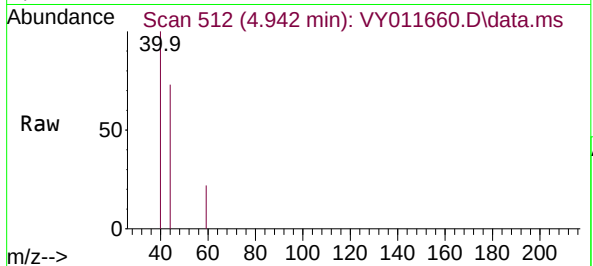




#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.942 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY011660.D
Acq: 01 Dec 2022 14:15

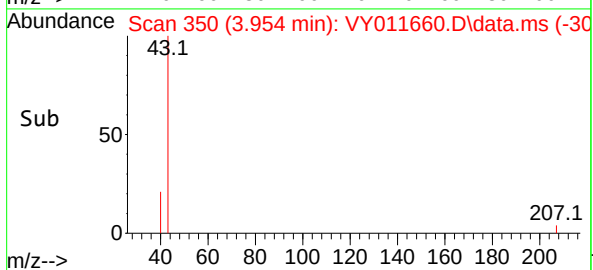
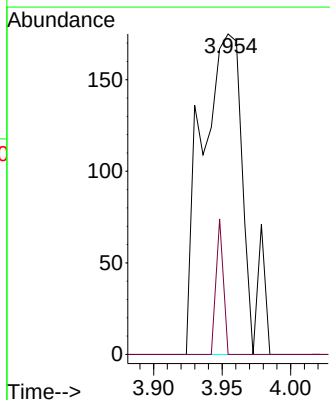
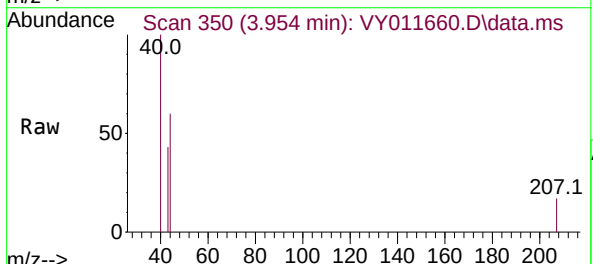
Instrument :
MSVOA_Y
ClientSampleId :
OK-3-113022

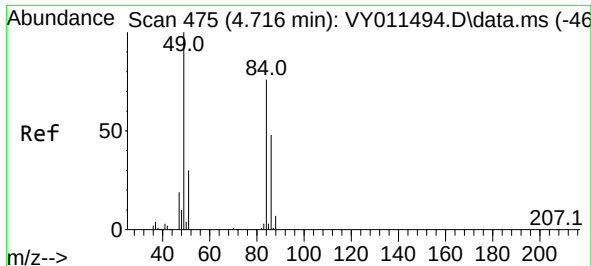
Tgt Ion: 59 Resp: 27
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#



#16
Acetone
Concen: 5.218 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY011660.D
Acq: 01 Dec 2022 14:15

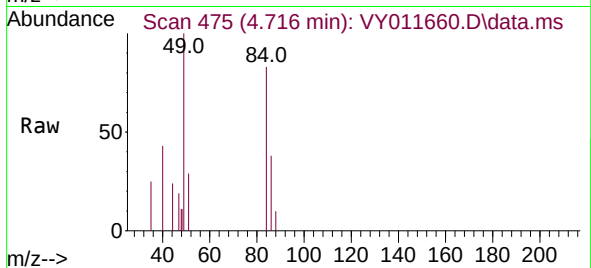
Tgt Ion: 43 Resp: 375
Ion Ratio Lower Upper
43 100
58 0.0 22.0 33.0#





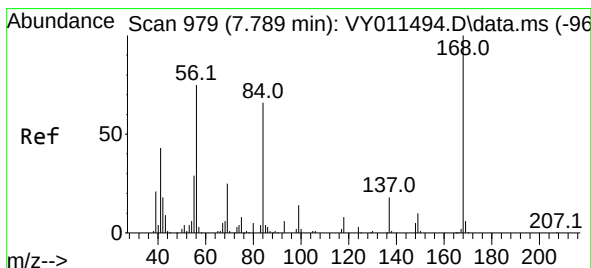
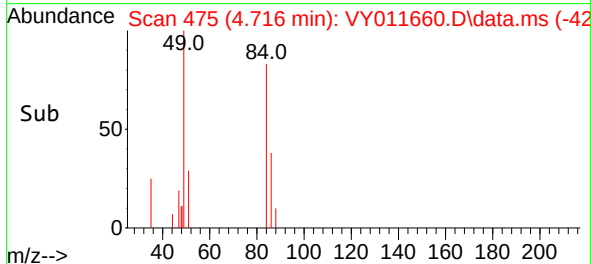
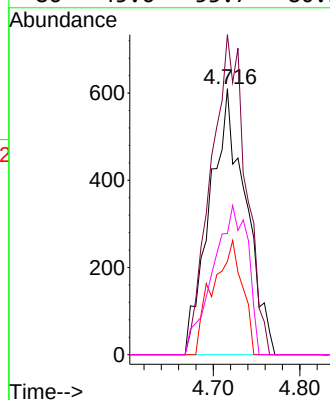
#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY011660.D
Acq: 01 Dec 2022 14:15

Instrument :
MSVOA_Y
ClientSampleId :
OK-3-113022



Tgt Ion: 84 Resp: 1752

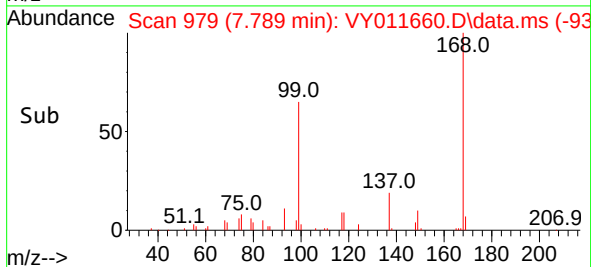
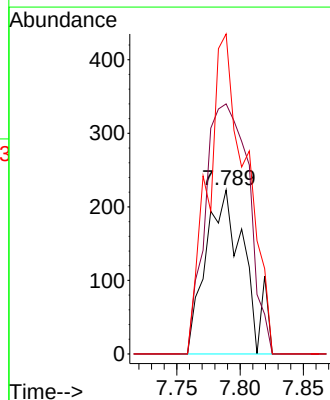
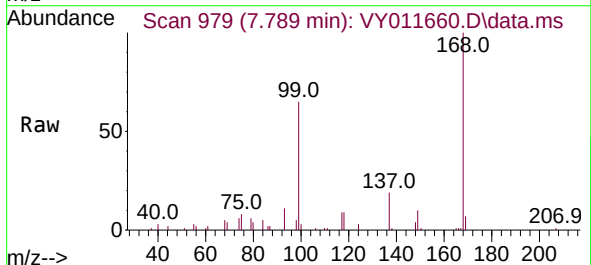
Ion	Ratio	Lower	Upper
84	100		
49	120.3	114.4	171.6
51	35.1	35.3	52.9#
86	45.6	53.7	80.5#

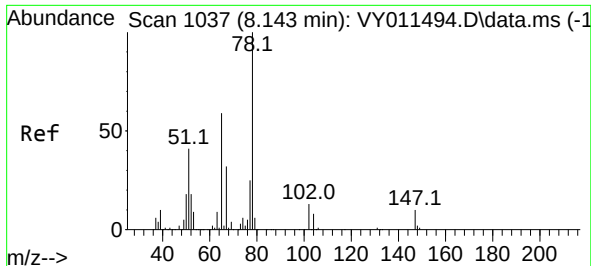


#31
Cyclohexane
Concen: 1.298 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.000 min
Lab File: VY011660.D
Acq: 01 Dec 2022 14:15

Tgt Ion: 56 Resp: 476

Ion	Ratio	Lower	Upper
56	100		
69	152.5	26.7	40.1#
84	195.1	67.2	100.8#





#33

1,2-Dichloroethane-d4

Concen: 76.142 ug/l

RT: 8.143 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY011660.D

Acq: 01 Dec 2022 14:15

Instrument :

MSVOA_Y

ClientSampleId :

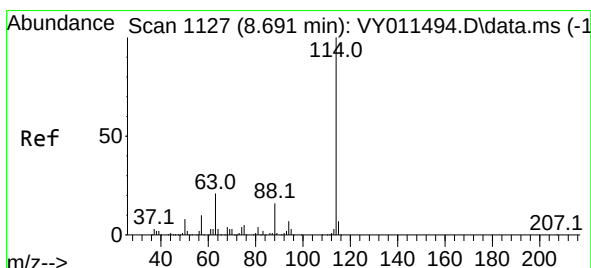
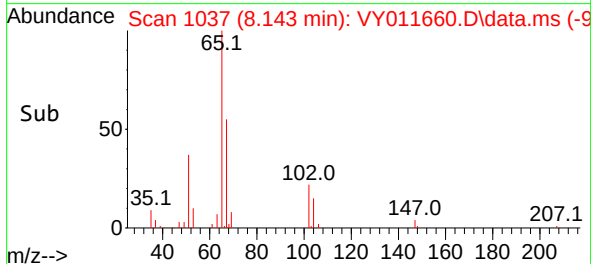
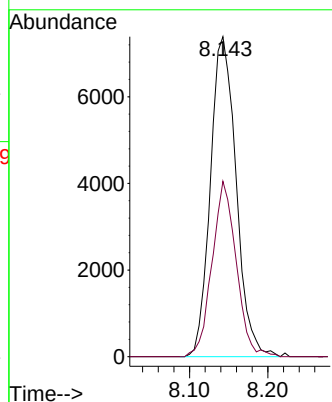
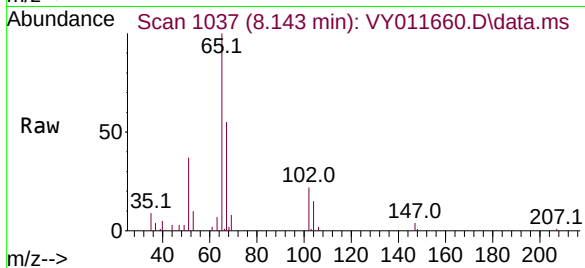
OK-3-113022

Tgt Ion: 65 Resp: 16846

Ion Ratio Lower Upper

65 100

67 51.6 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY011660.D

Acq: 01 Dec 2022 14:15

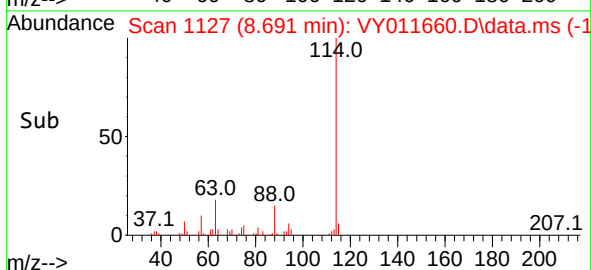
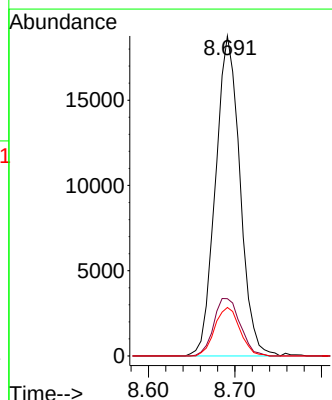
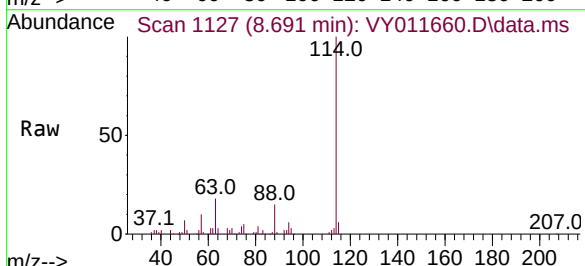
Tgt Ion: 114 Resp: 36833

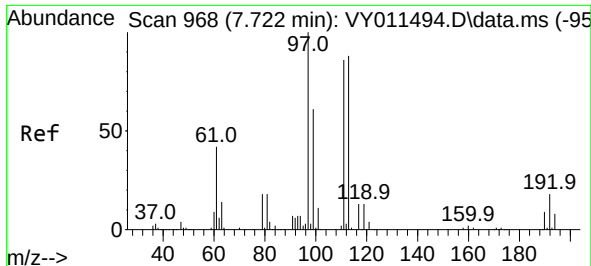
Ion Ratio Lower Upper

114 100

63 17.9 0.0 43.2

88 15.1 0.0 31.8





#35

Dibromofluoromethane

Concen: 57.391 ug/l

RT: 7.716 min Scan# 91

Delta R.T. -0.006 min

Lab File: VY011660.D

Acq: 01 Dec 2022 14:15

Instrument :

MSVOA_Y

ClientSampleId :

OK-3-113022

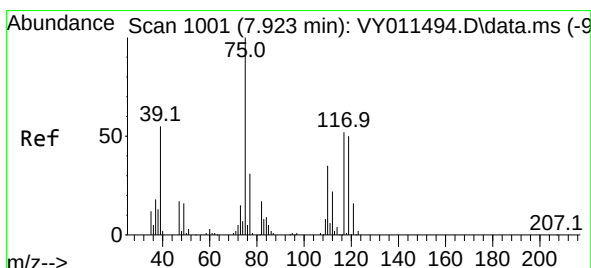
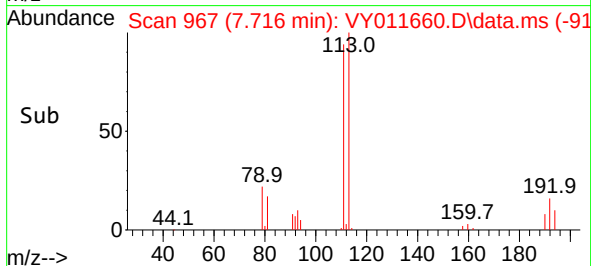
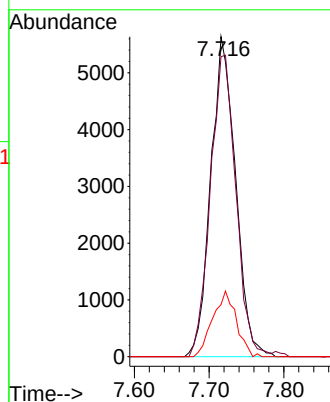
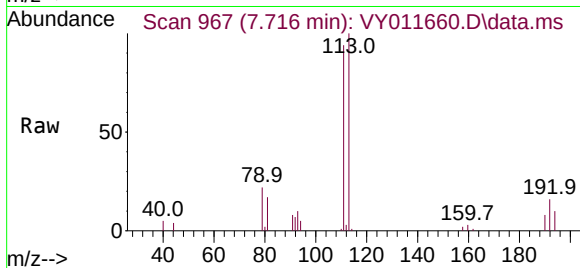
Tgt Ion:113 Resp: 13013

Ion Ratio Lower Upper

113 100

111 96.7 82.6 124.0

192 19.4 17.6 26.4



#36

1,1-Dichloropropene

Concen: 4.593 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.134 min

Lab File: VY011660.D

Acq: 01 Dec 2022 14:15

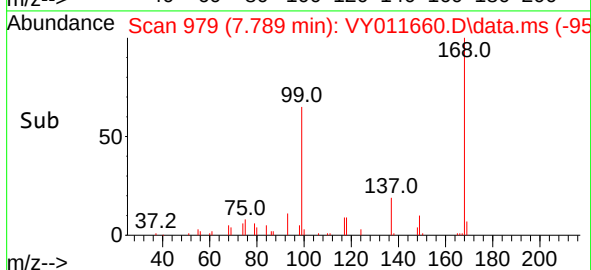
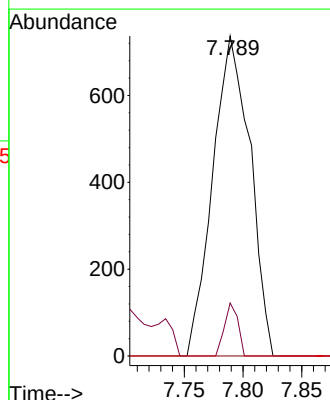
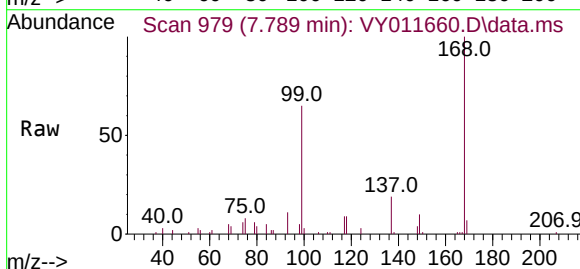
Tgt Ion: 75 Resp: 1628

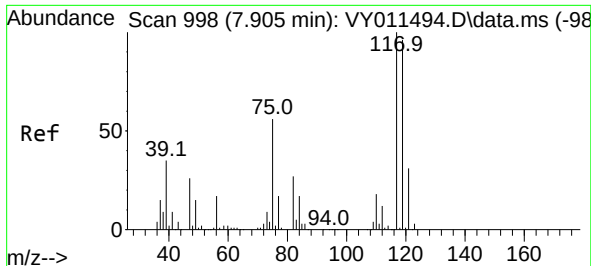
Ion Ratio Lower Upper

75 100

110 6.0 17.1 51.2#

77 0.0 24.4 36.6#

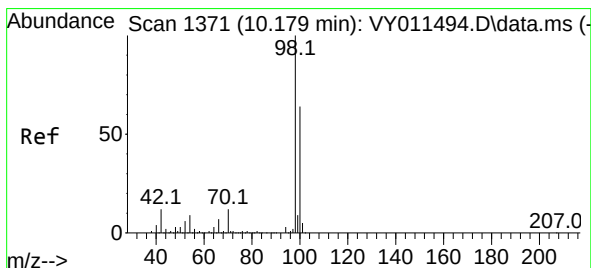
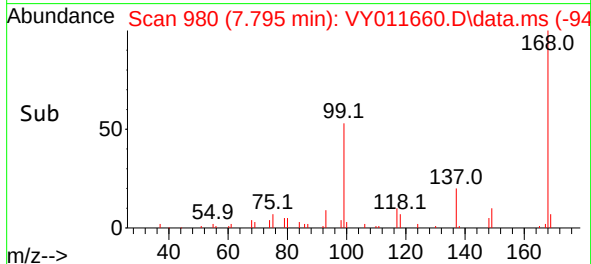
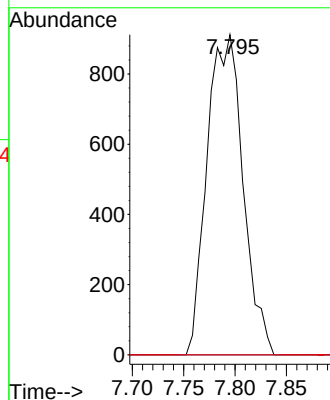
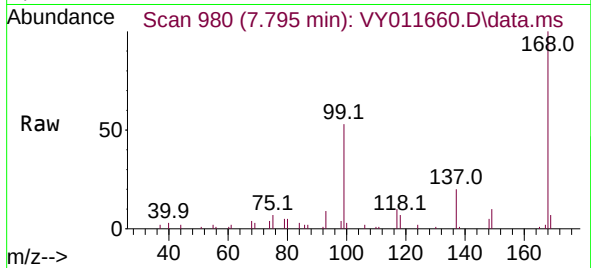




#38
Carbon Tetrachloride
Concen: 5.606 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY011660.D
Acq: 01 Dec 2022 14:15

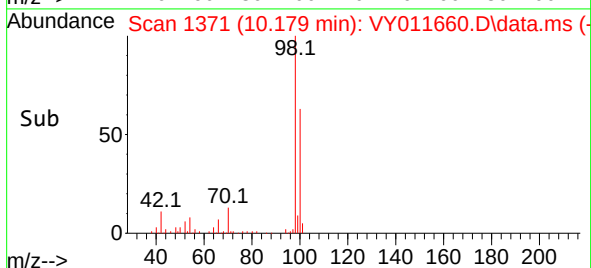
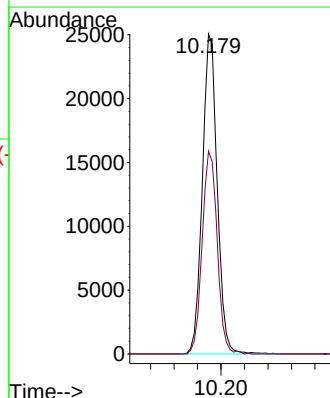
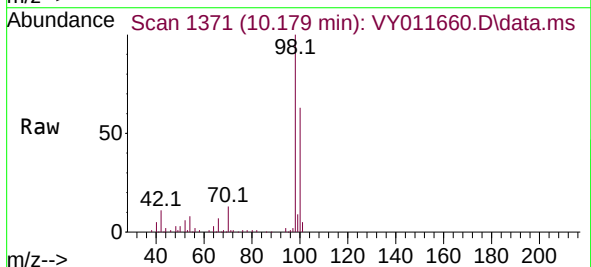
Instrument :
MSVOA_Y
ClientSampleId :
OK-3-113022

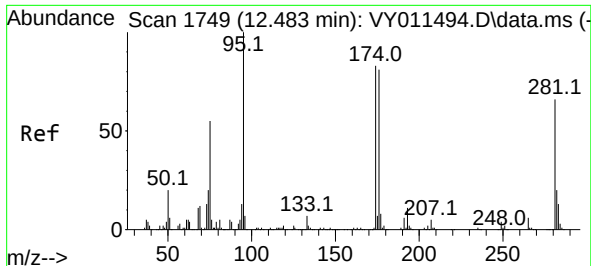
Tgt Ion:117 Resp: 2223
Ion Ratio Lower Upper
117 100
119 0.0 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 53.479 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011660.D
Acq: 01 Dec 2022 14:15

Tgt Ion: 98 Resp: 44064
Ion Ratio Lower Upper
98 100
100 64.0 50.2 75.2

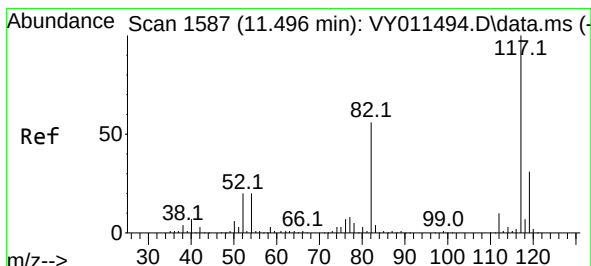
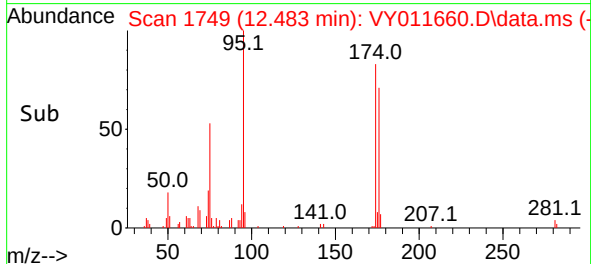
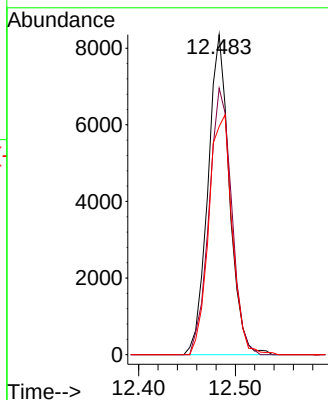
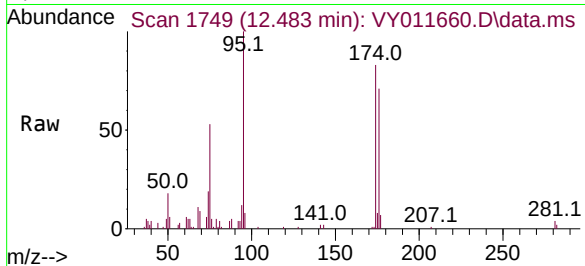




#62
4-Bromofluorobenzene
Concen: 42.443 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY011660.D
Acq: 01 Dec 2022 14:15

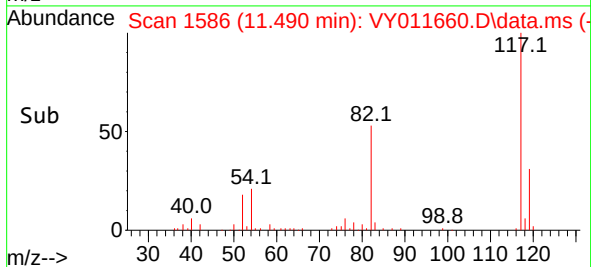
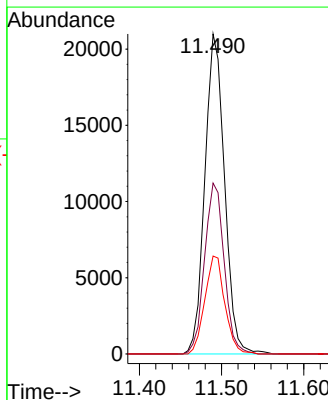
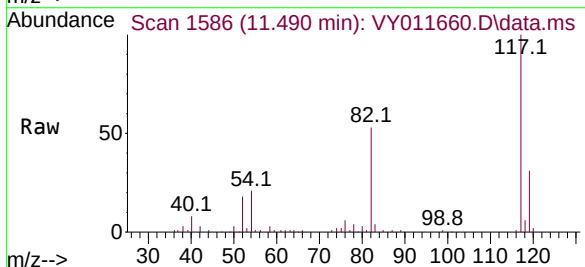
Instrument :
MSVOA_Y
ClientSampleId :
OK-3-113022

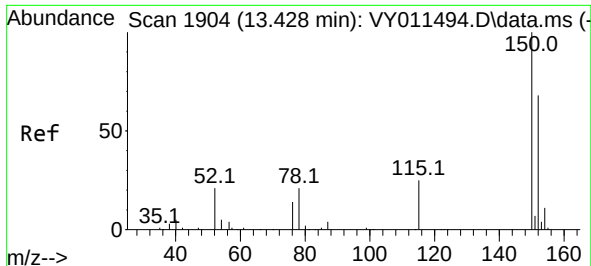
Tgt Ion: 95 Resp: 12930
Ion Ratio Lower Upper
95 100
174 87.5 0.0 177.0
176 81.6 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY011660.D
Acq: 01 Dec 2022 14:15

Tgt Ion: 117 Resp: 34941
Ion Ratio Lower Upper
117 100
82 53.4 43.0 64.4
119 30.6 25.4 38.0

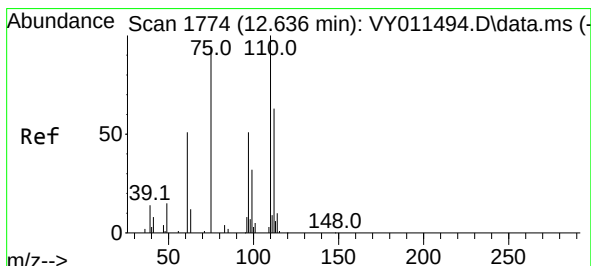
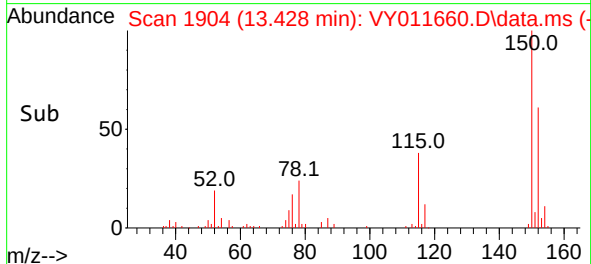
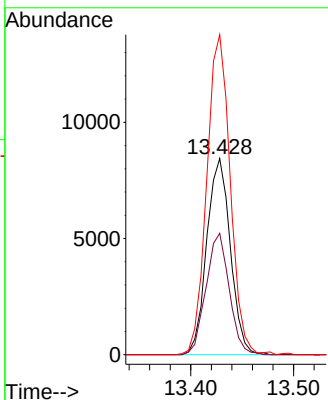
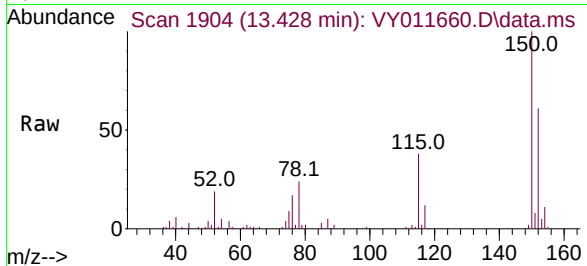




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY011660.D
 Acq: 01 Dec 2022 14:15

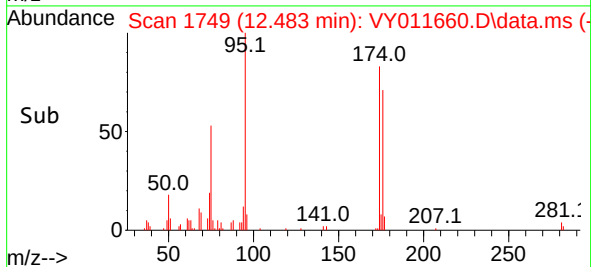
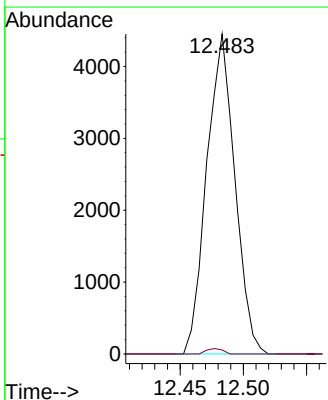
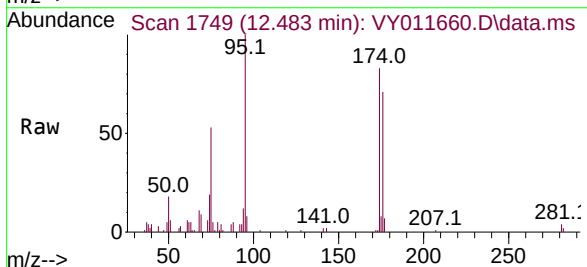
Instrument :
 MSVOA_Y
 ClientSampleId :
 OK-3-113022

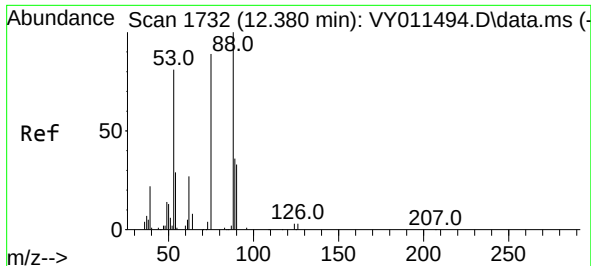
Tgt Ion:152 Resp: 13486
 Ion Ratio Lower Upper
 152 100
 115 60.8 28.2 84.7
 150 162.2 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 47.413 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.153 min
 Lab File: VY011660.D
 Acq: 01 Dec 2022 14:15

Tgt Ion: 75 Resp: 6886
 Ion Ratio Lower Upper
 75 100
 77 1.0 0.0 0.0#

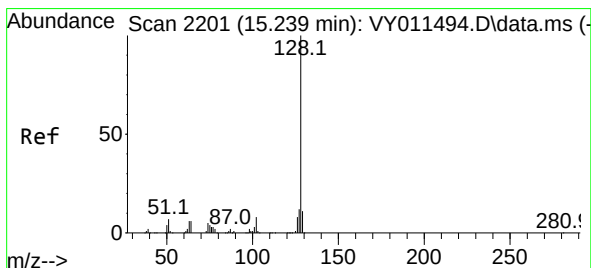
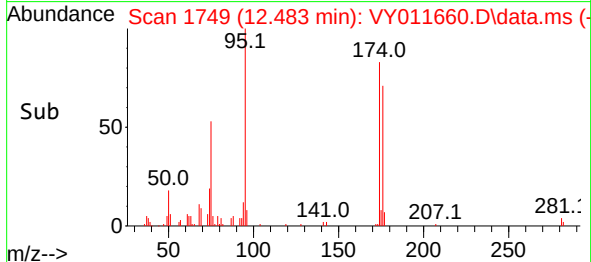
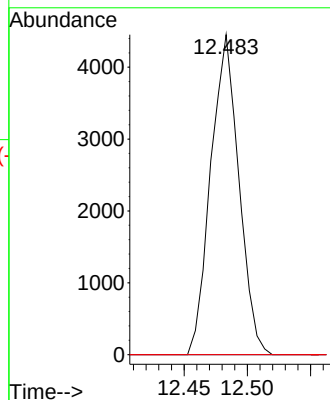
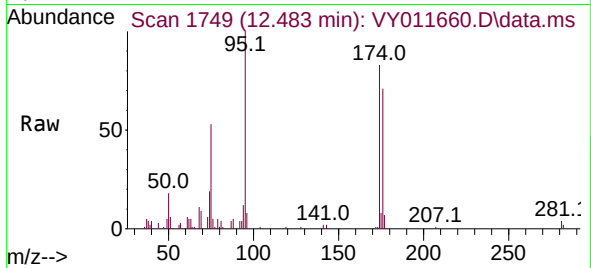




#81
trans-1,4-Dichloro-2-butene
Concen: 103.850 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.103 min
Lab File: VY011660.D
Acq: 01 Dec 2022 14:15

Instrument :
MSVOA_Y
ClientSampleId :
OK-3-113022

Tgt Ion: 75 Resp: 6886
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#



#95
Naphthalene
Concen: 4.345 ug/l
RT: 15.227 min Scan# 2199
Delta R.T. -0.012 min
Lab File: VY011660.D
Acq: 01 Dec 2022 14:15

Tgt Ion: 128 Resp: 169
Ion Ratio Lower Upper
128 100
127 0.0 11.0 16.4#
129 0.0 8.4 12.6#

