

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062922\
 Data File : VY009375.D
 Acq On : 29 Jun 2022 16:08
 Operator : KP/MD
 Sample : N3503-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-03-062422

Quant Time: Jun 29 17:45:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062822S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 17:35:34 2022
 Response via : Initial Calibration

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

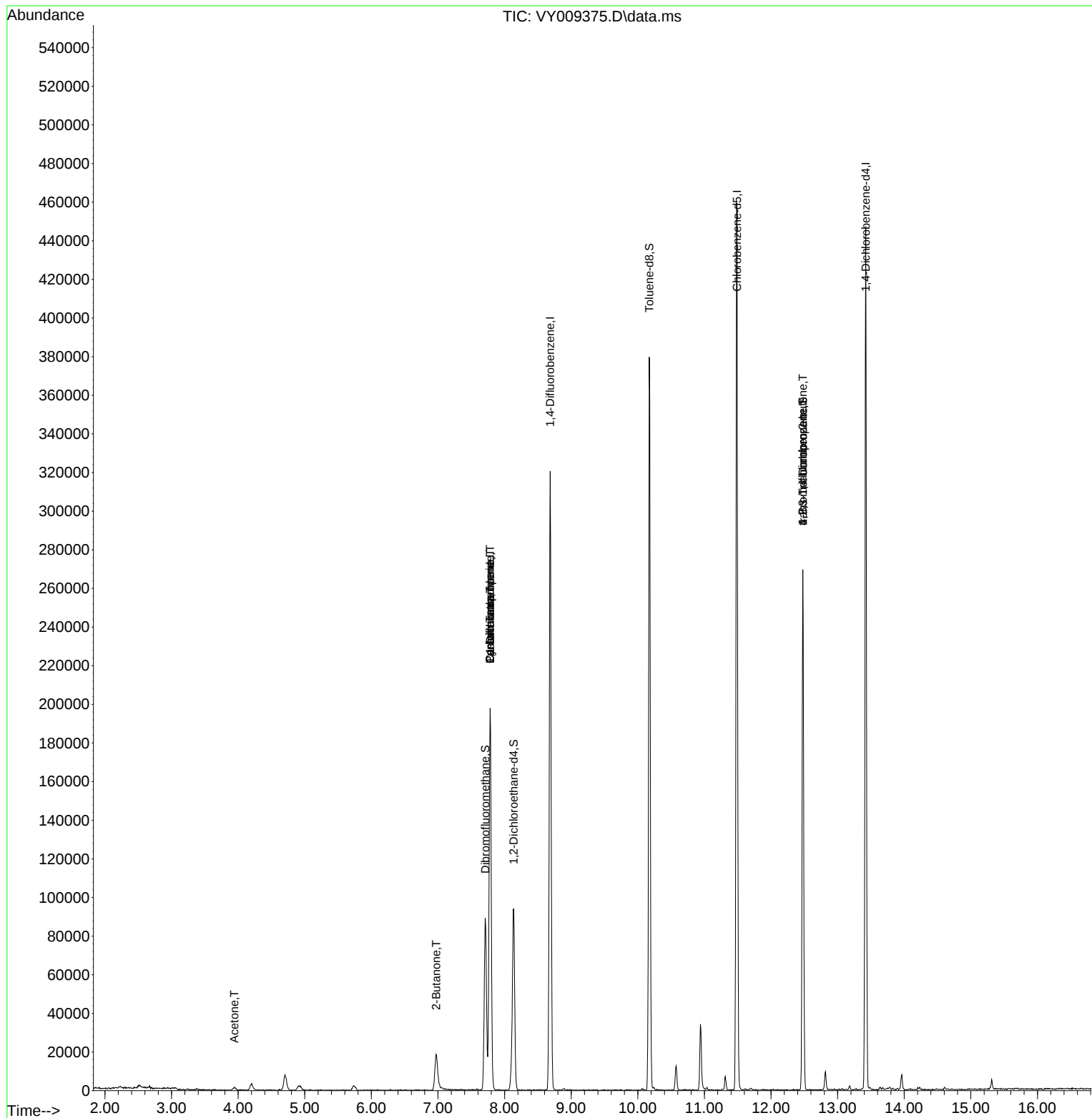
Internal Standards						
1) Pentafluorobenzene	7.783	168	153298	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	264077	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	250276	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	108520	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	67175	54.709	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 109.420%		
35) Dibromofluoromethane	7.710	113	61729	42.472	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 84.940%		
50) Toluene-d8	10.173	98	238641	53.553	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 107.100%		
62) 4-Bromofluorobenzene	12.477	95	74146	35.083	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 70.160%		
Target Compounds						
11) Tert butyl alcohol	4.905	59	1770	Below Cal	#	77
16) Acetone	3.942	43	2730	6.770	ug/l	94
18) Methyl Acetate	4.479	43	119	Below Cal	#	56
20) Methylene Chloride	4.704	84	5679	Below Cal		97
25) 2-Butanone	6.972	43	1318	2.062	ug/l #	54
31) Cyclohexane	7.783	56	3210	1.162	ug/l #	16
36) 1,1-Dichloropropene	7.783	75	11805	4.645	ug/l #	51
38) Carbon Tetrachloride	7.783	117	14520	5.466	ug/l #	17
76) 1,2,3-Trichloropropane	12.477	75	40251	31.672	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	40251	70.518	ug/l #	7

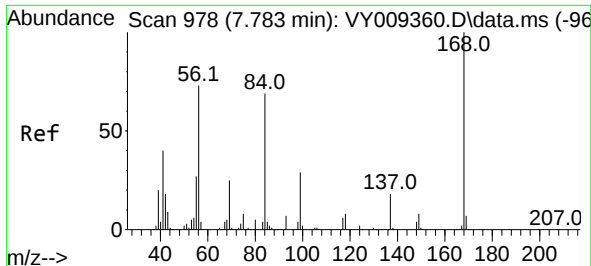
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062922\
Data File : VY009375.D
Acq On : 29 Jun 2022 16:08
Operator : KP/MD
Sample : N3503-01
Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
OR-03-062422

Quant Time: Jun 29 17:45:19 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062822S.M
Quant Title : SW846 8260
QLast Update : Wed Jun 29 17:35:34 2022
Response via : Initial Calibration

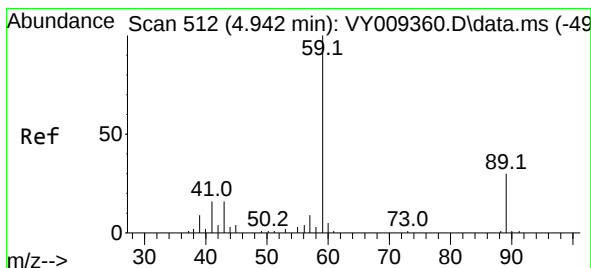
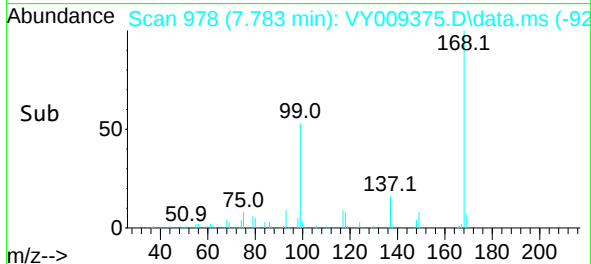
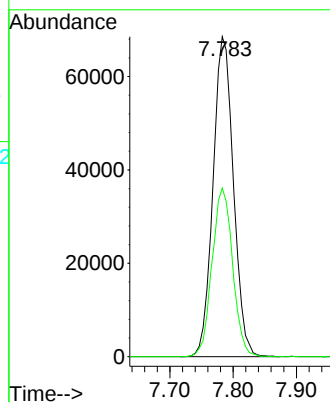
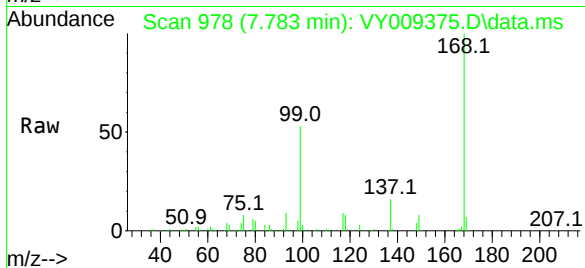




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009375.D
Acq: 29 Jun 2022 16:08

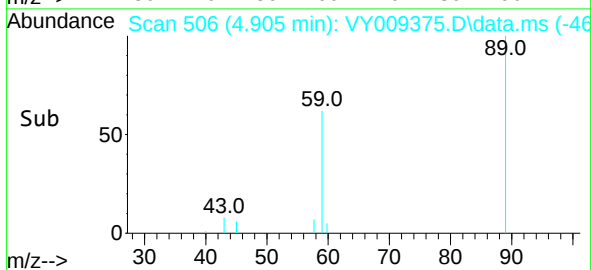
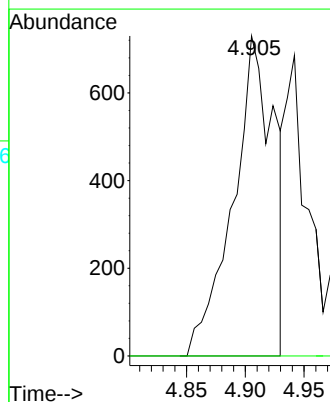
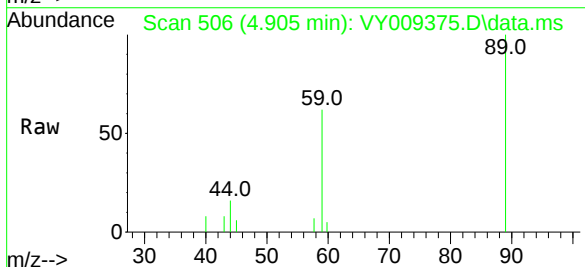
Instrument :
MSVOA_Y
ClientSampleId :
OR-03-062422

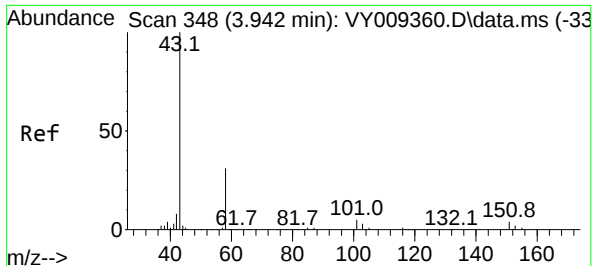
Tgt Ion:168 Resp: 153298
Ion Ratio Lower Upper
168 100
99 52.7 46.9 70.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.905 min Scan# 506
Delta R.T. -0.037 min
Lab File: VY009375.D
Acq: 29 Jun 2022 16:08

Tgt Ion: 59 Resp: 1770
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

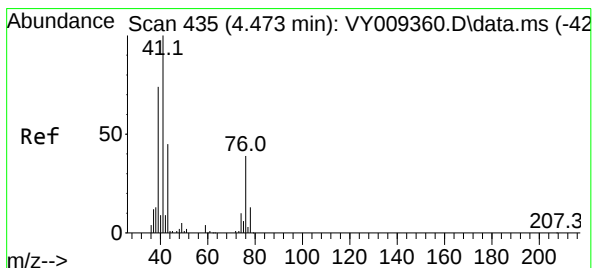
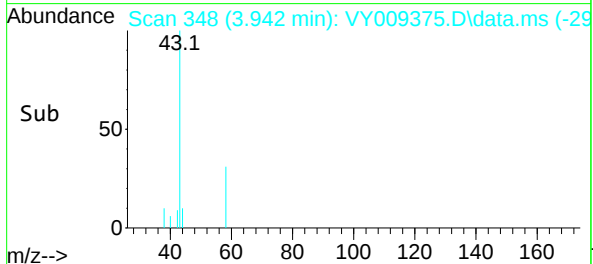
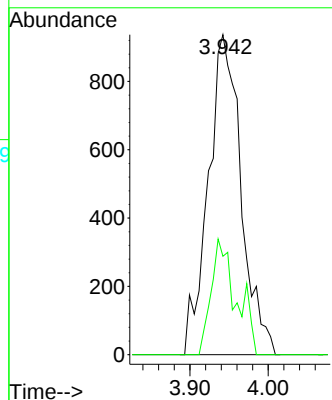
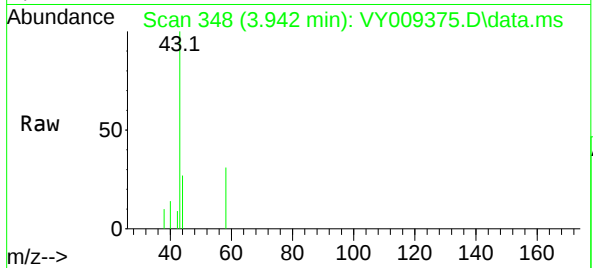




#16
Acetone
Concen: 6.770 ug/l
RT: 3.942 min Scan# 34
Delta R.T. 0.000 min
Lab File: VY009375.D
Acq: 29 Jun 2022 16:08

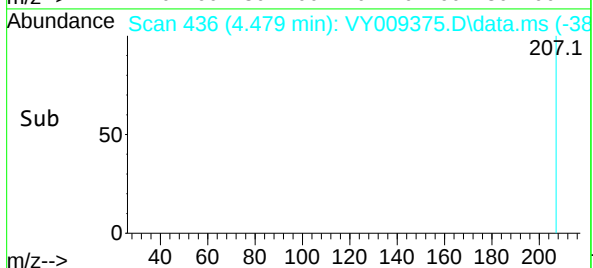
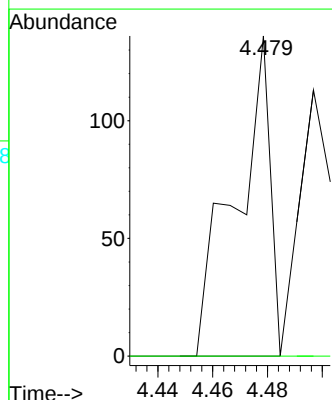
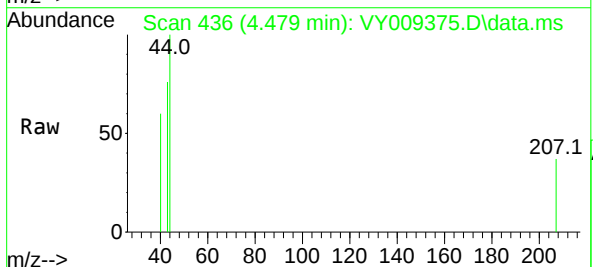
Instrument :
MSVOA_Y
ClientSampleId :
OR-03-062422

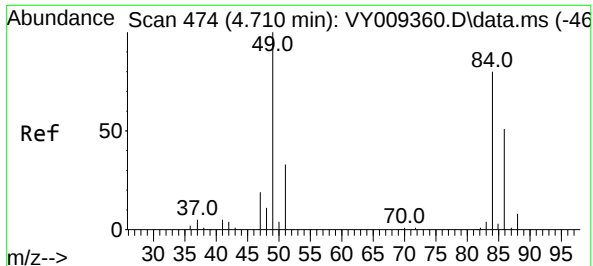
Tgt Ion: 43 Resp: 2730
Ion Ratio Lower Upper
43 100
58 30.7 22.0 33.0



#18
Methyl Acetate
Concen: Below Cal
RT: 4.479 min Scan# 436
Delta R.T. 0.006 min
Lab File: VY009375.D
Acq: 29 Jun 2022 16:08

Tgt Ion: 43 Resp: 119
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#





#20

Methylene Chloride

Concen: Below Cal

RT: 4.704 min Scan# 41

Delta R.T. -0.006 min

Lab File: VY009375.D

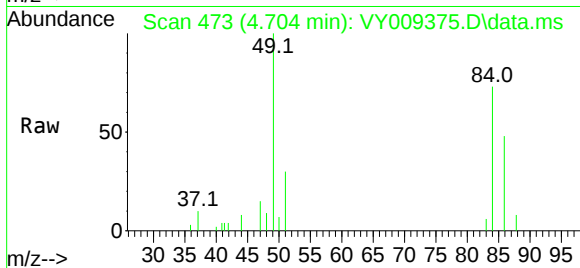
Acq: 29 Jun 2022 16:08

Instrument :

MSVOA_Y

ClientSampleId :

OR-03-062422



Tgt Ion: 84 Resp: 5679

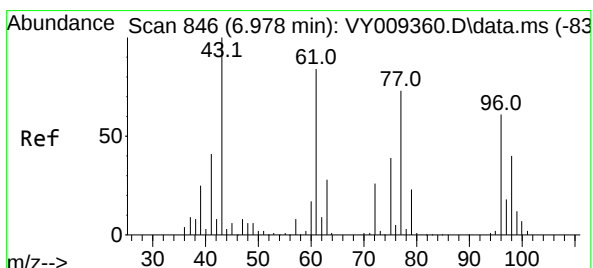
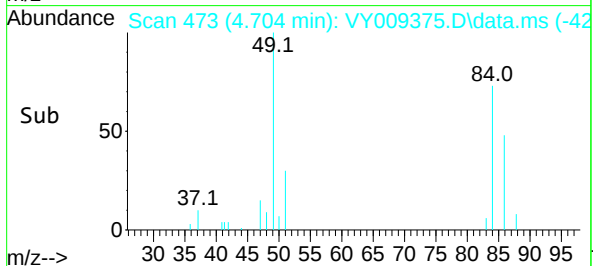
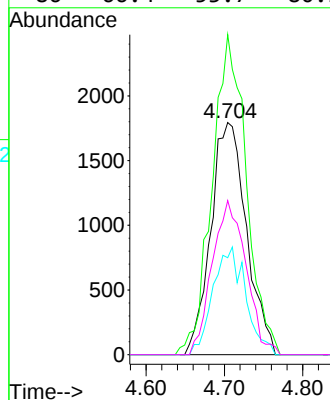
Ion Ratio Lower Upper

84 100

49 137.8 114.4 171.6

51 41.8 35.3 52.9

86 66.4 53.7 80.5



#25

2-Butanone

Concen: 2.062 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.006 min

Lab File: VY009375.D

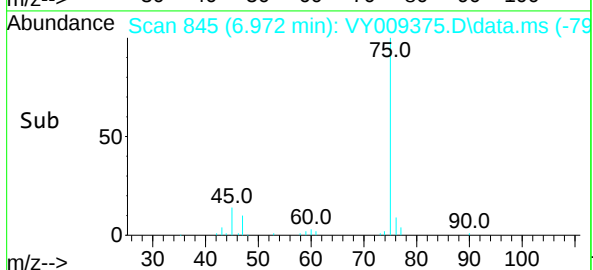
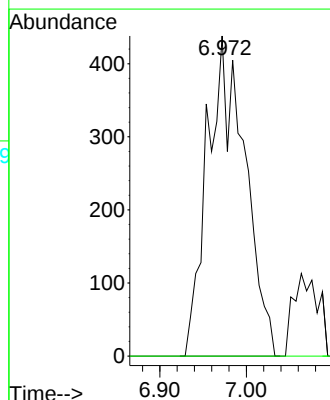
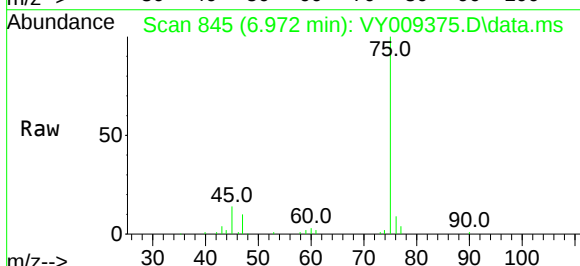
Acq: 29 Jun 2022 16:08

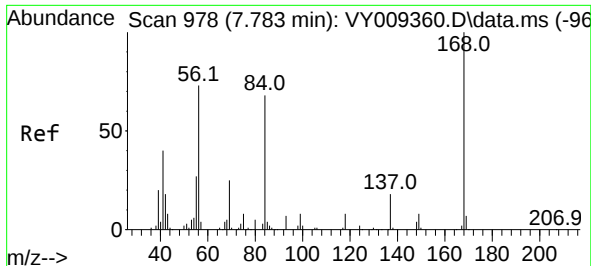
Tgt Ion: 43 Resp: 1318

Ion Ratio Lower Upper

43 100

72 0.0 17.7 26.5#

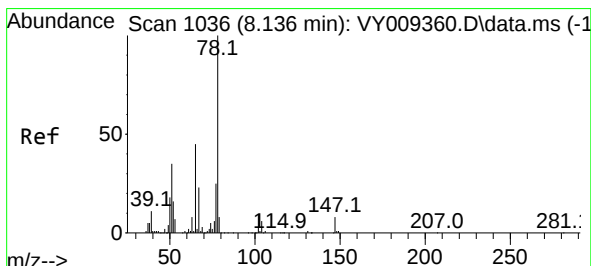
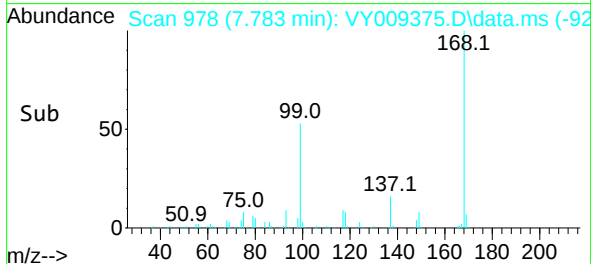
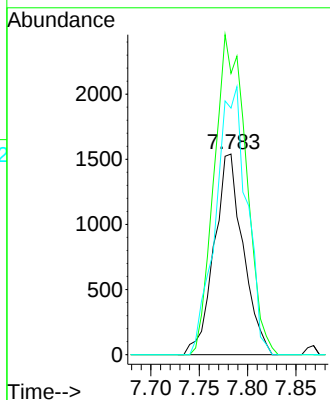
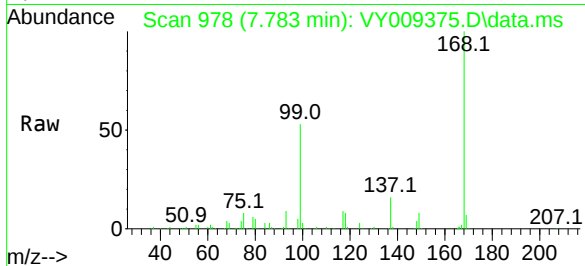




#31
Cyclohexane
Concen: 1.162 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009375.D
Acq: 29 Jun 2022 16:08

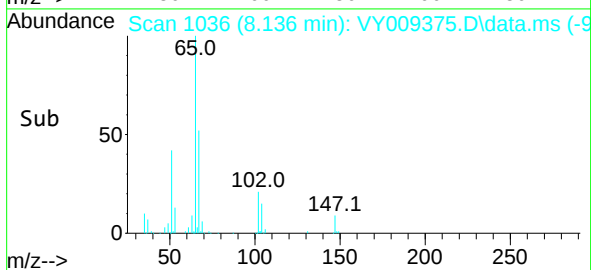
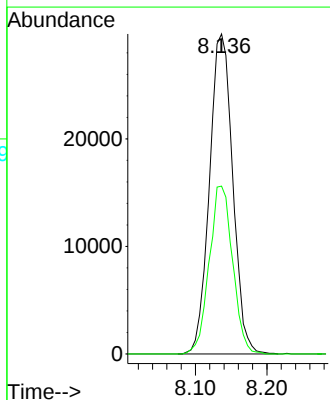
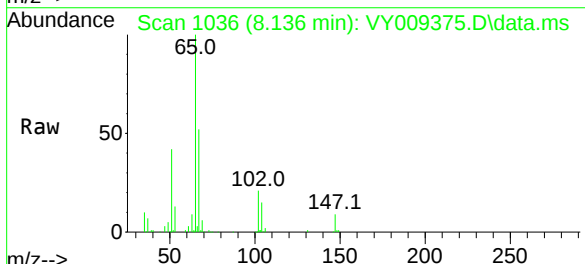
Instrument :
MSVOA_Y
ClientSampleId :
OR-03-062422

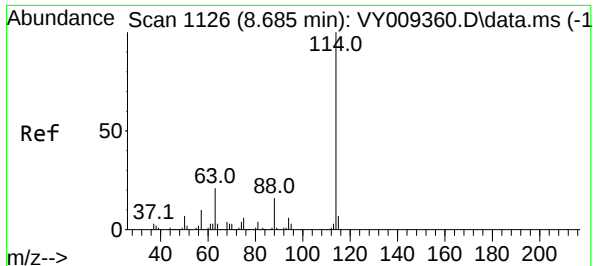
Tgt Ion: 56 Resp: 3210
Ion Ratio Lower Upper
56 100
69 140.3 26.7 40.1#
84 122.9 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 54.709 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY009375.D
Acq: 29 Jun 2022 16:08

Tgt Ion: 65 Resp: 67175
Ion Ratio Lower Upper
65 100
67 52.8 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY009375.D

Acq: 29 Jun 2022 16:08

Instrument :

MSVOA_Y

ClientSampleId :

OR-03-062422

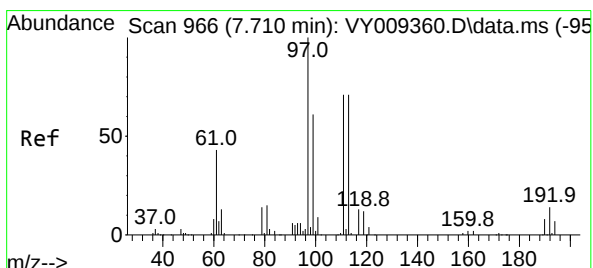
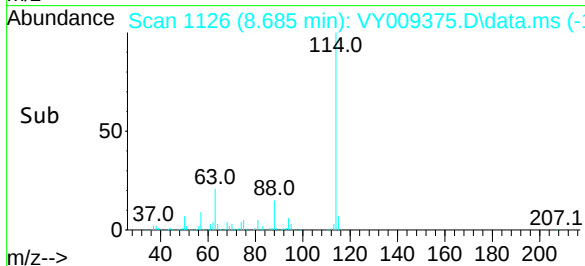
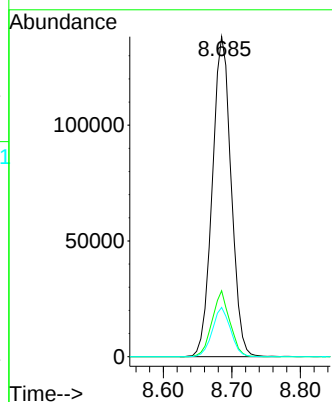
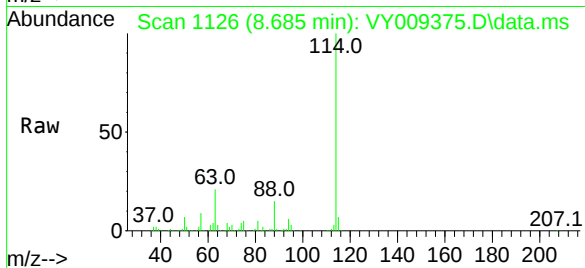
Tgt Ion:114 Resp: 264077

Ion Ratio Lower Upper

114 100

63 20.6 0.0 43.2

88 15.4 0.0 31.8



#35

Dibromofluoromethane

Concen: 42.472 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY009375.D

Acq: 29 Jun 2022 16:08

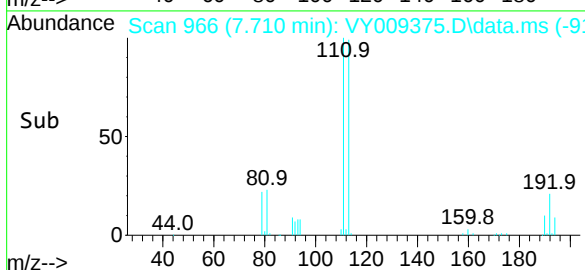
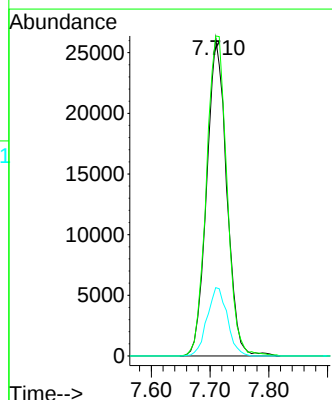
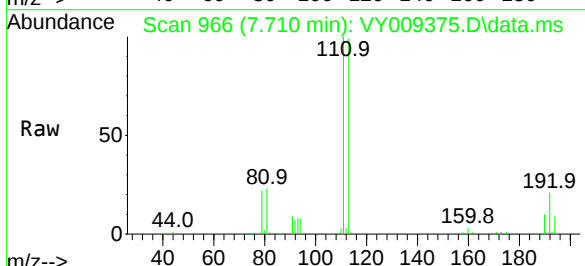
Tgt Ion:113 Resp: 61729

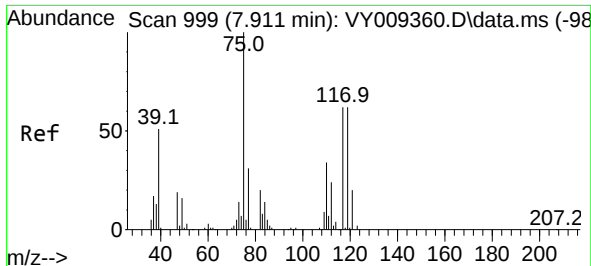
Ion Ratio Lower Upper

113 100

111 104.0 82.6 124.0

192 21.8 17.6 26.4

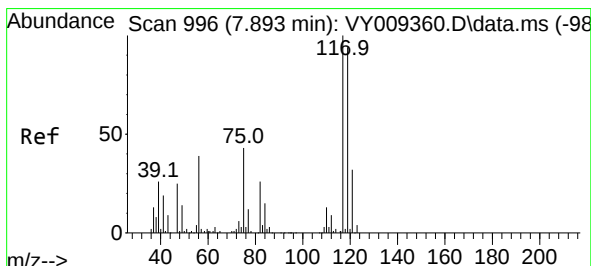
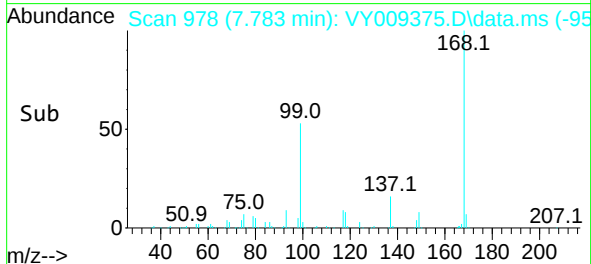
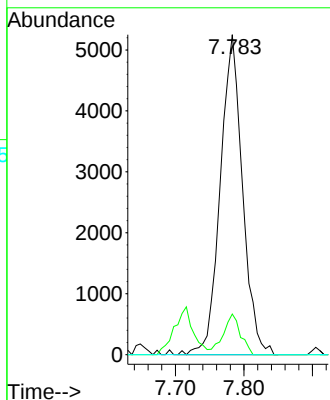
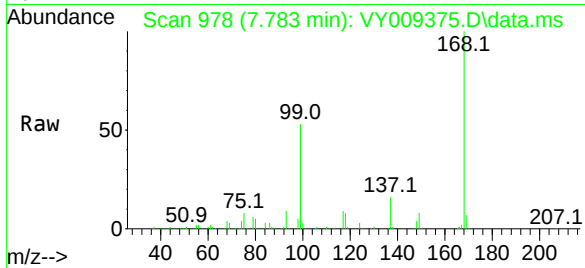




#36
1,1-Dichloropropene
Concen: 4.645 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY009375.D
Acq: 29 Jun 2022 16:08

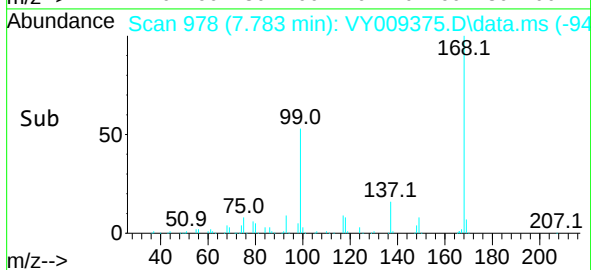
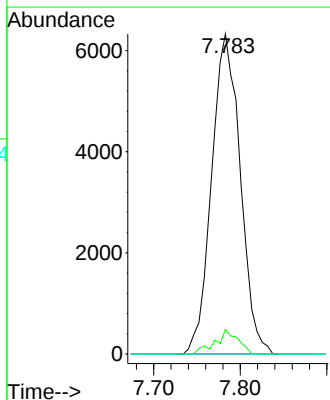
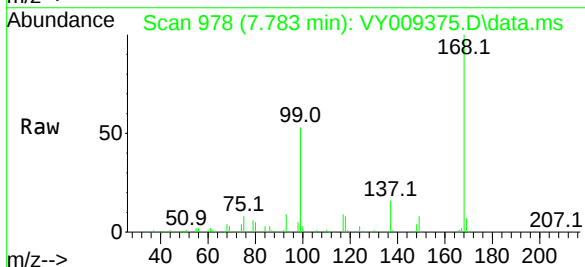
Instrument :
MSVOA_Y
ClientSampleId :
OR-03-062422

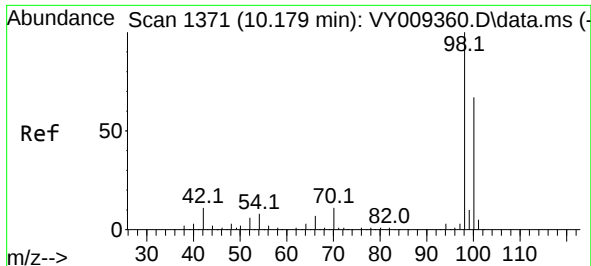
Tgt Ion: 75 Resp: 11805
Ion Ratio Lower Upper
75 100
110 9.9 17.1 51.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.466 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.110 min
Lab File: VY009375.D
Acq: 29 Jun 2022 16:08

Tgt Ion: 117 Resp: 14520
Ion Ratio Lower Upper
117 100
119 7.6 77.9 116.9#
121 0.0 24.8 37.2#

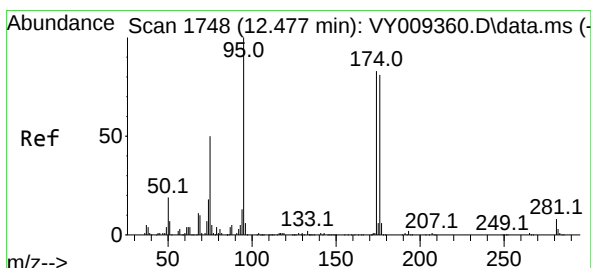
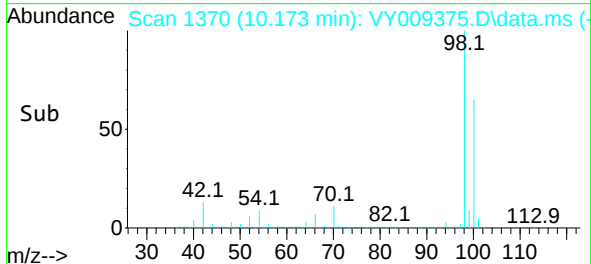
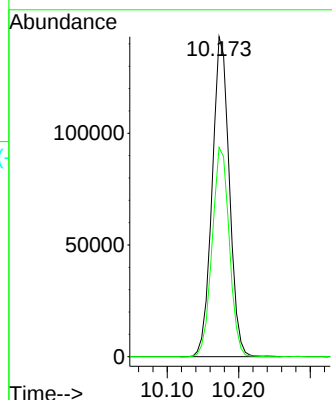
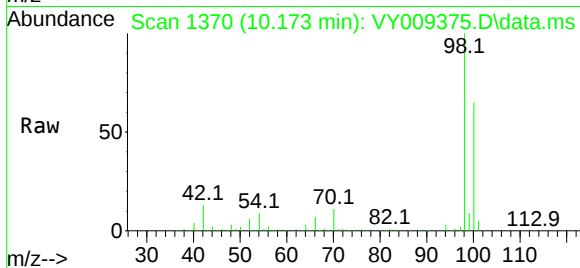




#50
Toluene-d8
Concen: 53.553 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY009375.D
Acq: 29 Jun 2022 16:08

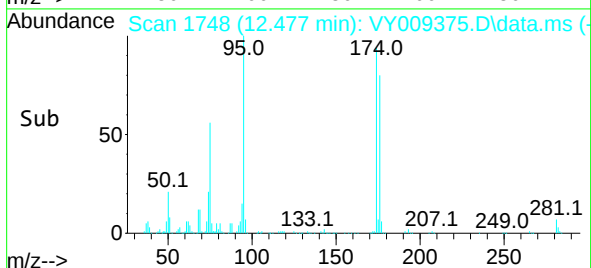
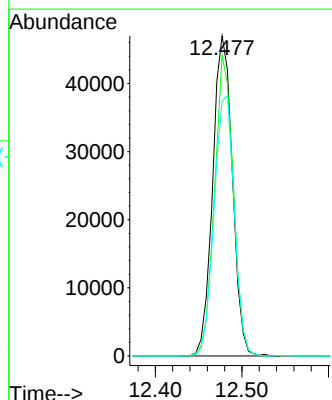
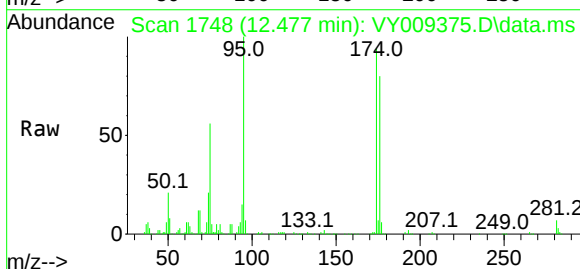
Instrument :
MSVOA_Y
ClientSampleId :
OR-03-062422

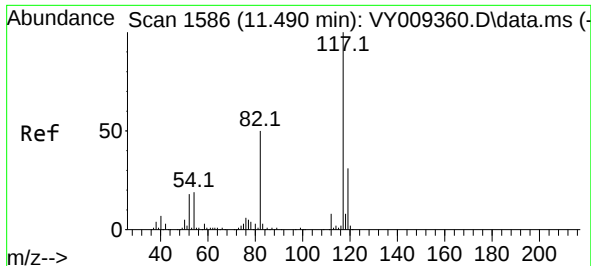
Tgt Ion: 98 Resp: 238641
Ion Ratio Lower Upper
98 100
100 65.4 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 35.083 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009375.D
Acq: 29 Jun 2022 16:08

Tgt Ion: 95 Resp: 74146
Ion Ratio Lower Upper
95 100
174 89.9 0.0 177.0
176 83.4 0.0 175.8

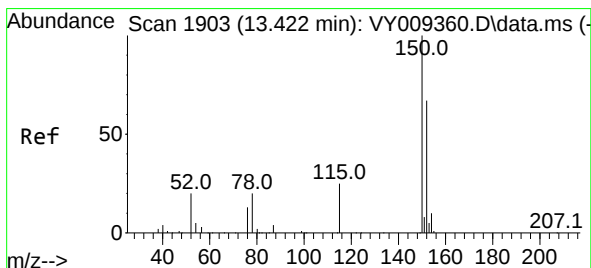
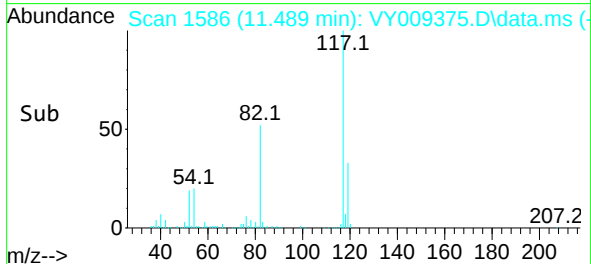
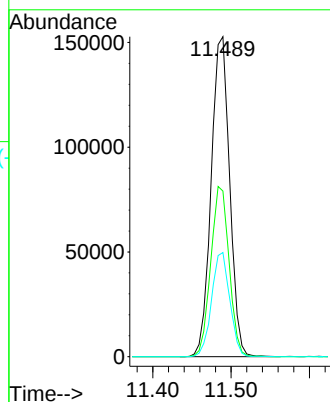
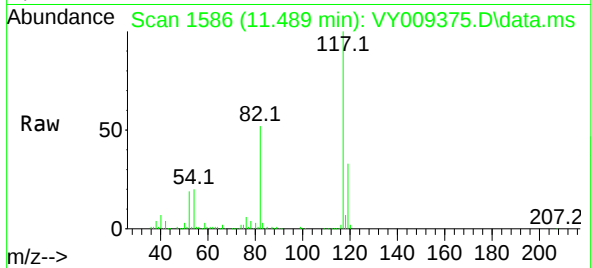




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY009375.D
Acq: 29 Jun 2022 16:08

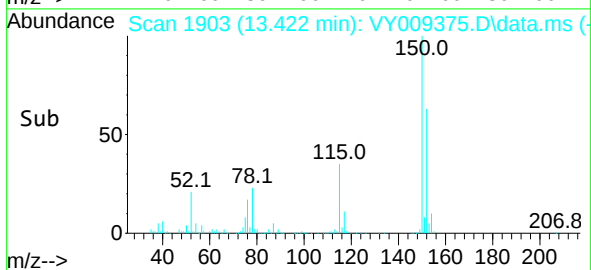
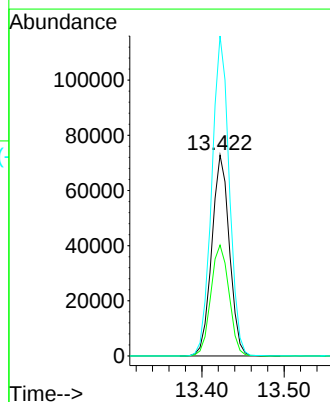
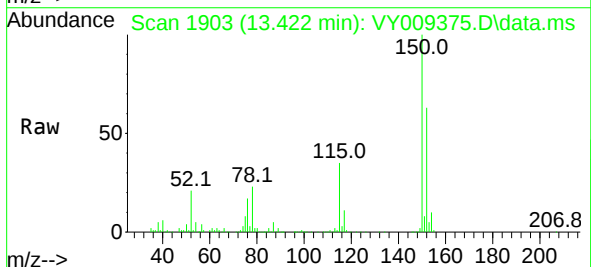
Instrument :
MSVOA_Y
ClientSampleId :
OR-03-062422

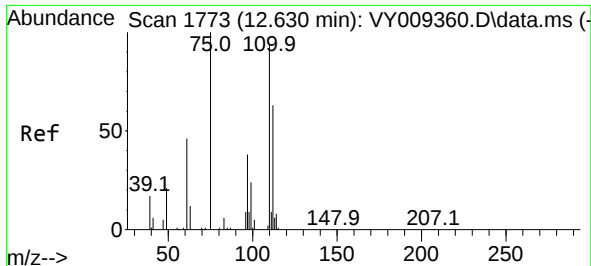
Tgt Ion:117 Resp: 250276
Ion Ratio Lower Upper
117 100
82 51.8 43.0 64.4
119 32.6 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY009375.D
Acq: 29 Jun 2022 16:08

Tgt Ion:152 Resp: 108520
Ion Ratio Lower Upper
152 100
115 56.9 28.2 84.7
150 157.9 0.0 347.6

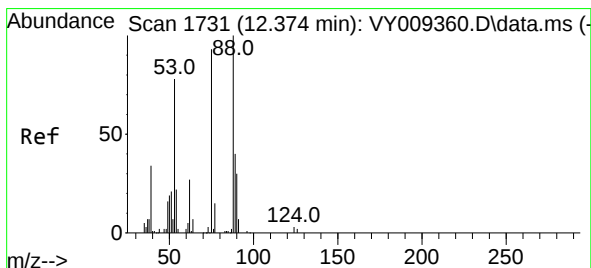
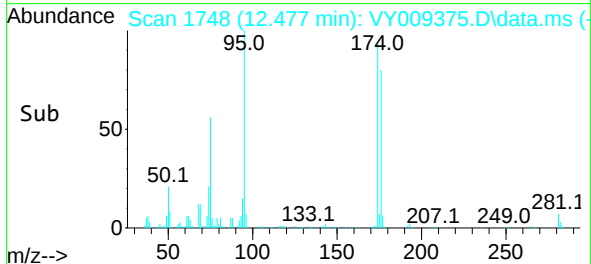
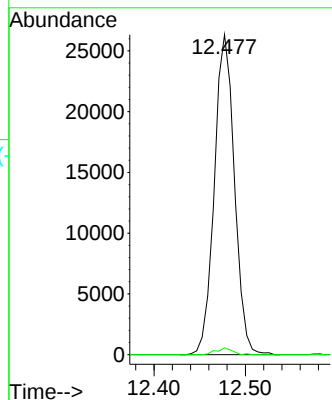
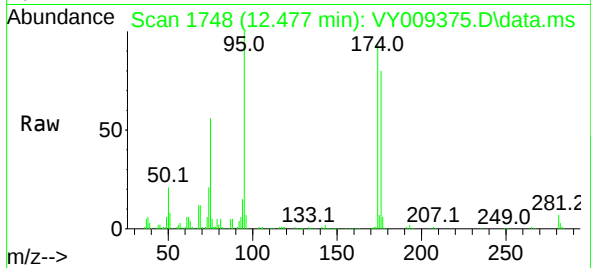




#76
1,2,3-Trichloropropane
Concen: 31.672 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY009375.D
Acq: 29 Jun 2022 16:08

Instrument :
MSVOA_Y
ClientSampleId :
OR-03-062422

Tgt Ion: 75 Resp: 40251
Ion Ratio Lower Upper
75 100
77 1.8 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 70.518 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.103 min
Lab File: VY009375.D
Acq: 29 Jun 2022 16:08

Tgt Ion: 75 Resp: 40251
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.1 37.0 55.4#

