

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070522\
 Data File : VY009435.D
 Acq On : 05 Jul 2022 14:21
 Operator : KP/MD
 Sample : N3567-01
 Misc : 5.13g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OK-02-07012022

Quant Time: Jul 06 04:49:52 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)

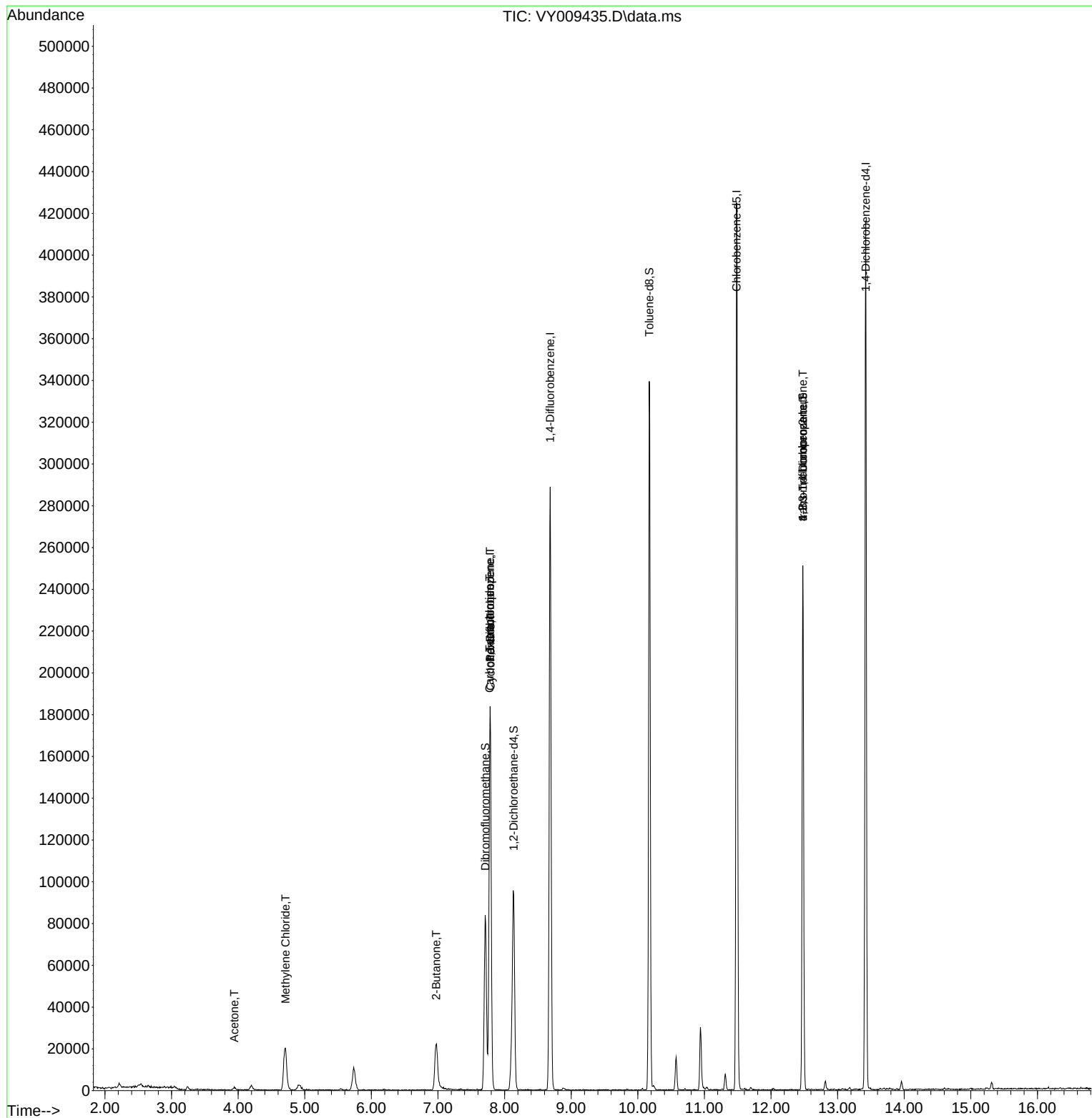
Internal Standards						
1) Pentafluorobenzene	7.783	168	143643	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	241180	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	229923	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	104130	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	65275	56.735	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 113.480%	
35) Dibromofluoromethane	7.710	113	57413	43.252	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 86.500%	
50) Toluene-d8	10.173	98	215890	53.047	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	= 106.100%	
62) 4-Bromofluorobenzene	12.477	95	69250	35.877	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	= 71.760%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.911	59	1781	Below Cal	#	77
16) Acetone	3.942	43	2040	5.399	ug/l	93
18) Methyl Acetate	4.509	43	41	Below Cal	#	56
20) Methylene Chloride	4.710	84	14845	1.622	ug/l	88
25) 2-Butanone	6.972	43	1442	2.407	ug/l	# 54
31) Cyclohexane	7.789	56	3265	1.262	ug/l	# 61
36) 1,1-Dichloropropene	7.783	75	10616	4.574	ug/l	# 51
38) Carbon Tetrachloride	7.777	117	14128	5.824	ug/l	# 15
76) 1,2,3-Trichloropropane	12.477	75	37579	30.816	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.477	75	37579	68.612	ug/l	# 7

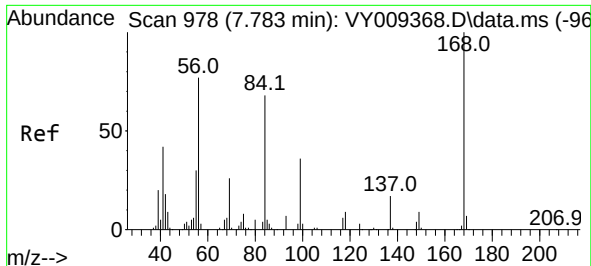
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070522\
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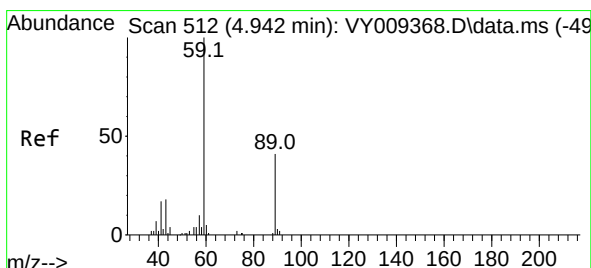
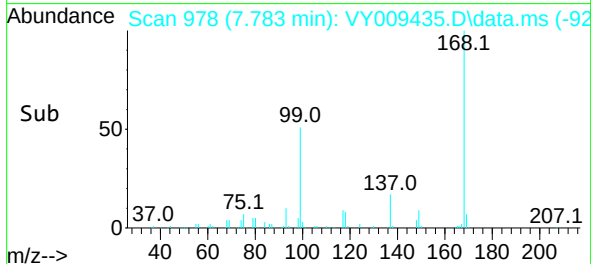
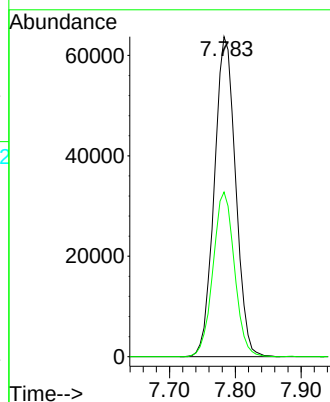
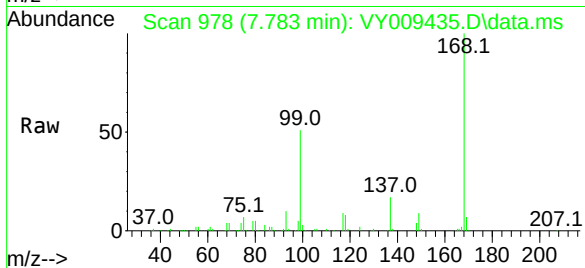




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009435.D
Acq: 05 Jul 2022 14:21

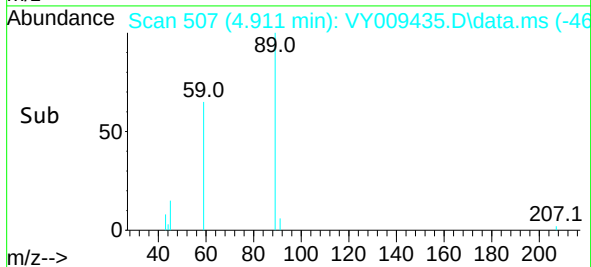
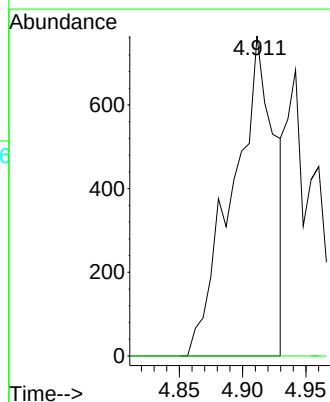
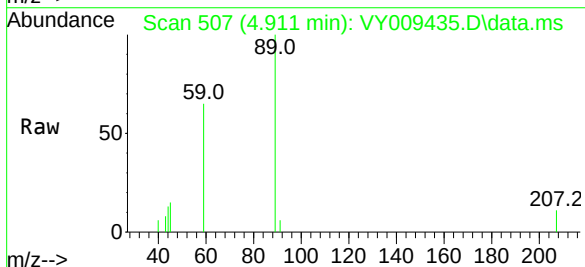
Instrument :
MSVOA_Y
ClientSampleId :
OK-02-07012022

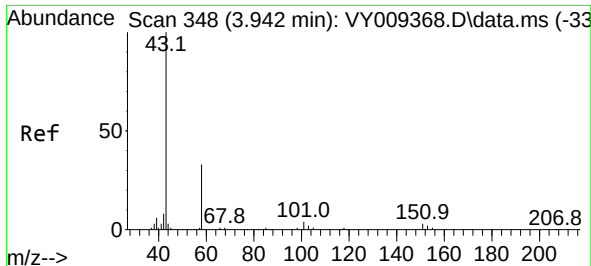
Tgt Ion:168 Resp: 143643
Ion Ratio Lower Upper
168 100
99 51.5 46.9 70.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.911 min Scan# 507
Delta R.T. -0.031 min
Lab File: VY009435.D
Acq: 05 Jul 2022 14:21

Tgt Ion: 59 Resp: 1781
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

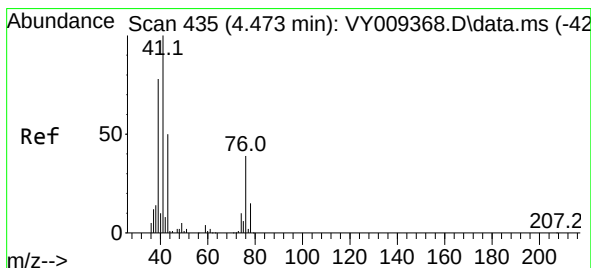
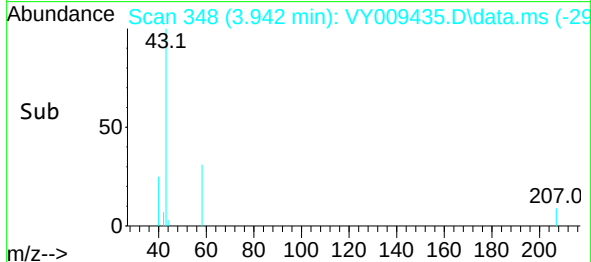
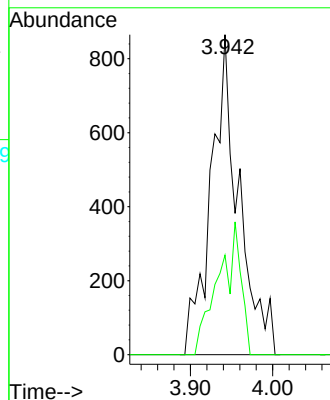
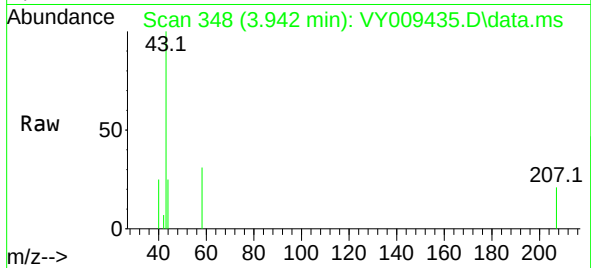




#16
Acetone
Concen: 5.399 ug/l
RT: 3.942 min Scan# 34
Delta R.T. 0.000 min
Lab File: VY009435.D
Acq: 05 Jul 2022 14:21

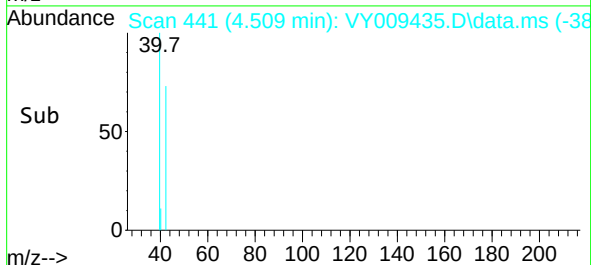
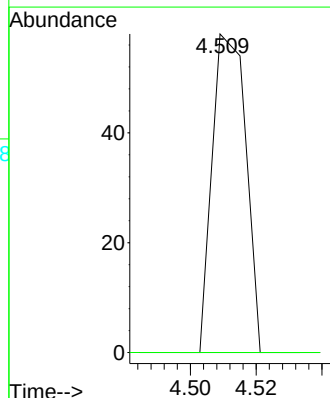
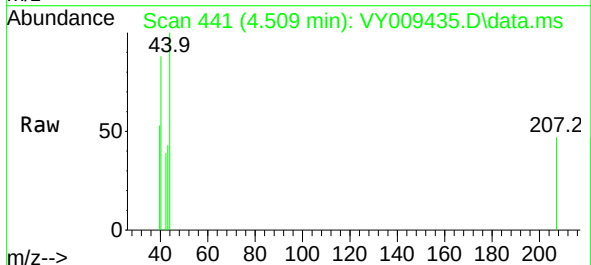
Instrument :
MSVOA_Y
ClientSampleId :
OK-02-07012022

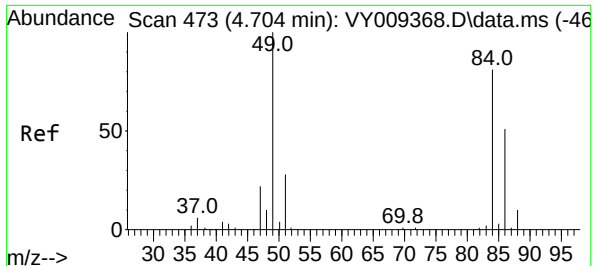
Tgt Ion: 43 Resp: 2040
Ion Ratio Lower Upper
43 100
58 31.1 22.0 33.0



#18
Methyl Acetate
Concen: Below Cal
RT: 4.509 min Scan# 441
Delta R.T. 0.036 min
Lab File: VY009435.D
Acq: 05 Jul 2022 14:21

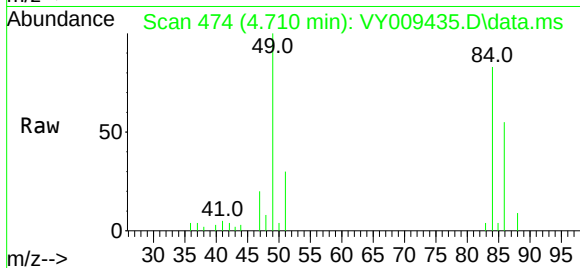
Tgt Ion: 43 Resp: 41
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



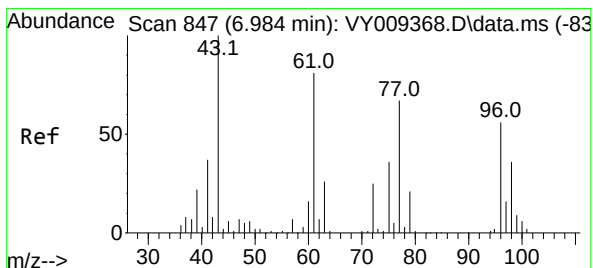
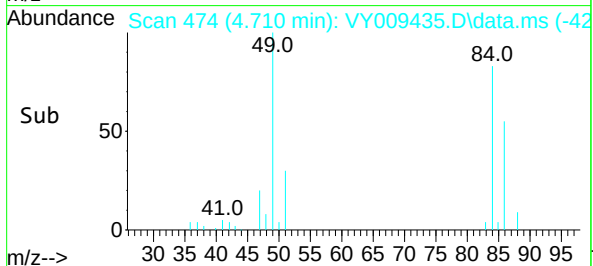
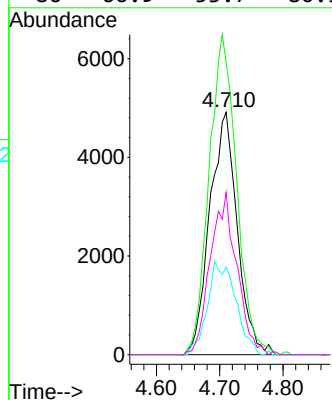


#20
Methylene Chloride
Concen: 1.622 ug/l
RT: 4.710 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY009435.D
Acq: 05 Jul 2022 14:21

Instrument :
MSVOA_Y
ClientSampleId :
OK-02-07012022

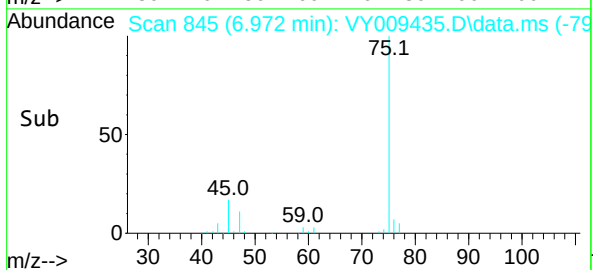
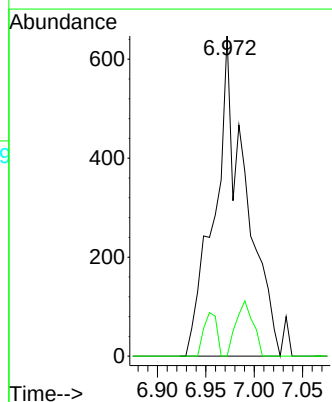
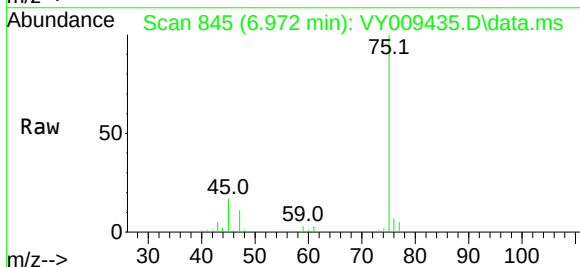


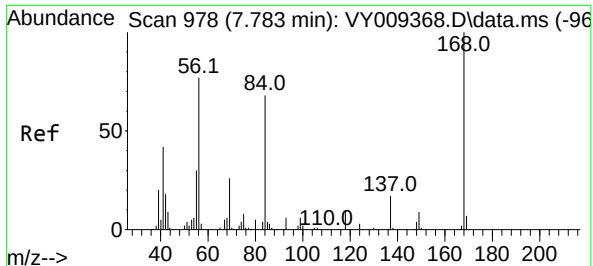
Tgt Ion: 84	Resp: 14845
Ion Ratio	Lower Upper
84	100
49	120.7 114.4 171.6
51	36.1 35.3 52.9
86	66.9 53.7 80.5



#25
2-Butanone
Concen: 2.407 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.006 min
Lab File: VY009435.D
Acq: 05 Jul 2022 14:21

Tgt Ion: 43	Resp: 1442
Ion Ratio	Lower Upper
43	100
72	0.0 17.7 26.5#

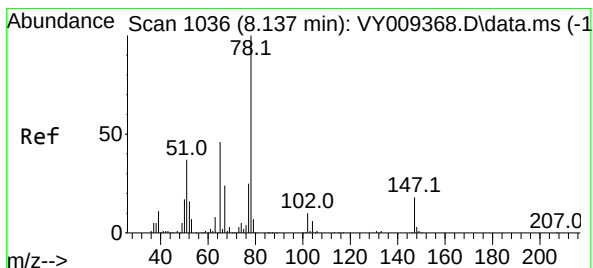
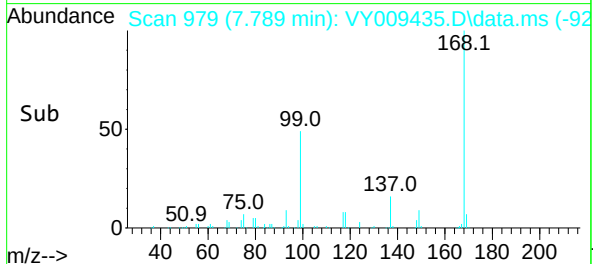
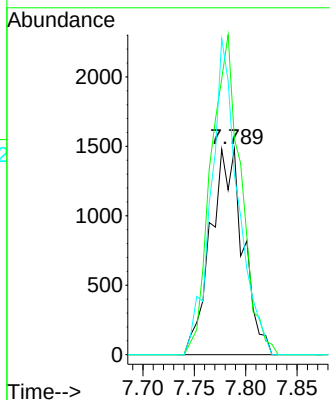
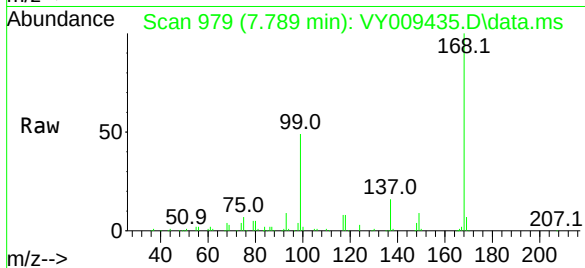




#31
Cyclohexane
Concen: 1.262 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY009435.D
Acq: 05 Jul 2022 14:21

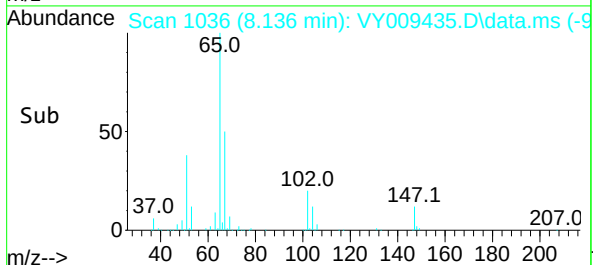
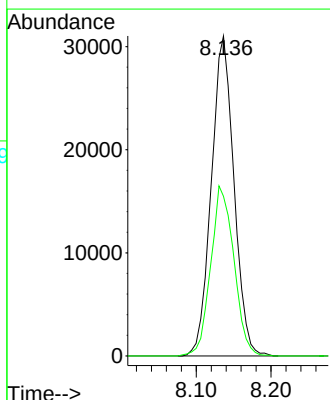
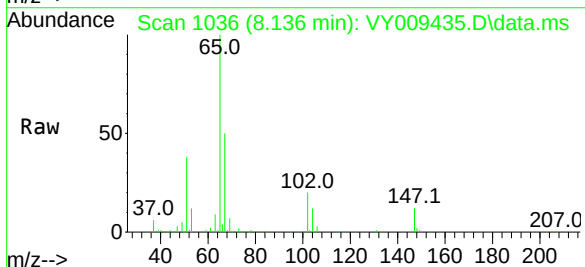
Instrument :
MSVOA_Y
ClientSampleId :
OK-02-07012022

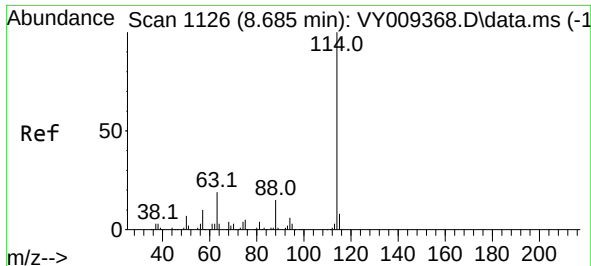
Tgt Ion: 56 Resp: 3265
Ion Ratio Lower Upper
56 100
69 105.1 26.7 40.1#
84 87.6 67.2 100.8



#33
1,2-Dichloroethane-d4
Concen: 56.735 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY009435.D
Acq: 05 Jul 2022 14:21

Tgt Ion: 65 Resp: 65275
Ion Ratio Lower Upper
65 100
67 54.5 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: VY009435.D

Acq: 05 Jul 2022 14:21

Instrument :

MSVOA_Y

ClientSampleId :

OK-02-07012022

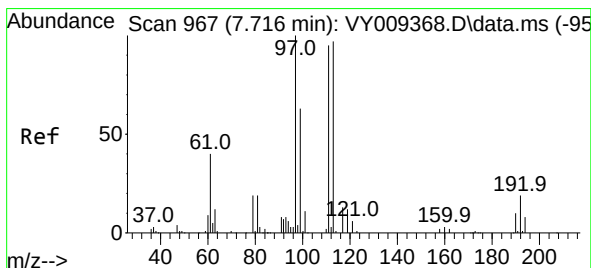
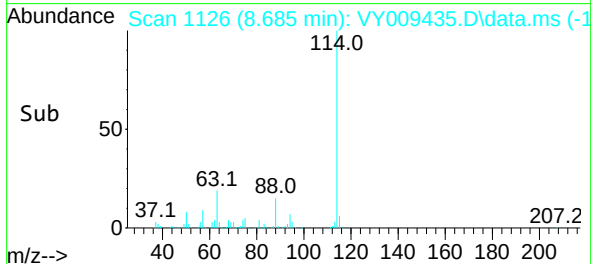
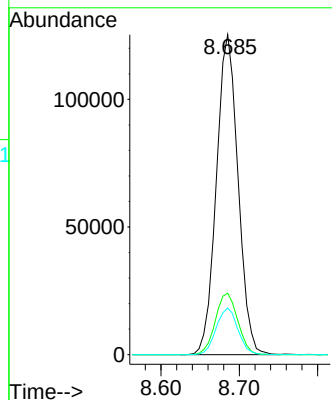
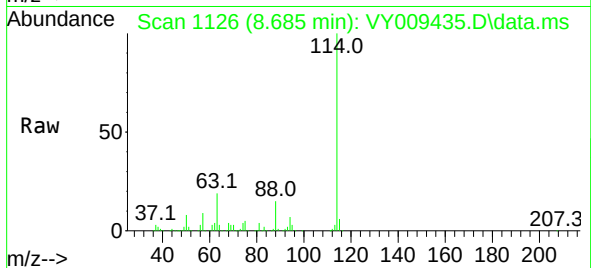
Tgt Ion:114 Resp: 241180

Ion Ratio Lower Upper

114 100

63 19.2 0.0 43.2

88 14.6 0.0 31.8



#35

Dibromofluoromethane

Concen: 43.252 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY009435.D

Acq: 05 Jul 2022 14:21

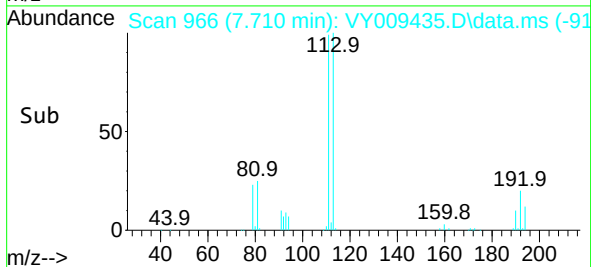
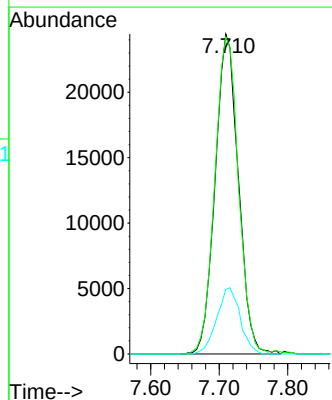
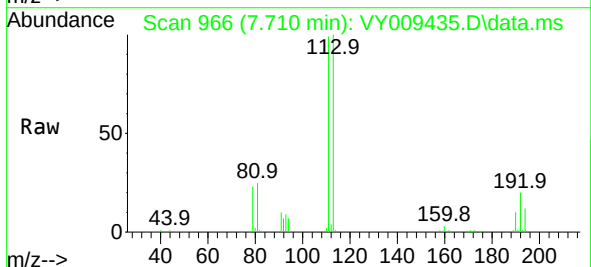
Tgt Ion:113 Resp: 57413

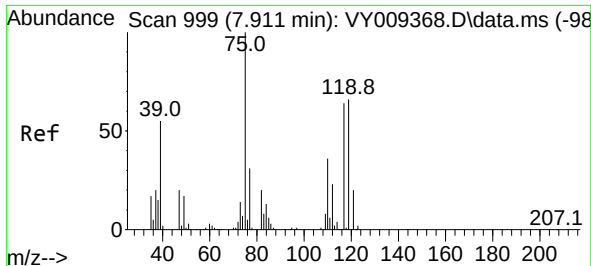
Ion Ratio Lower Upper

113 100

111 101.0 82.6 124.0

192 20.8 17.6 26.4

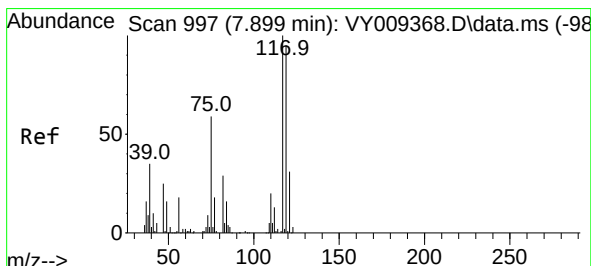
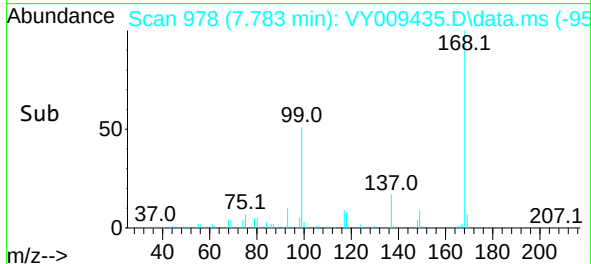
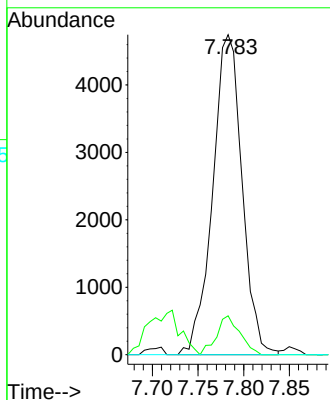
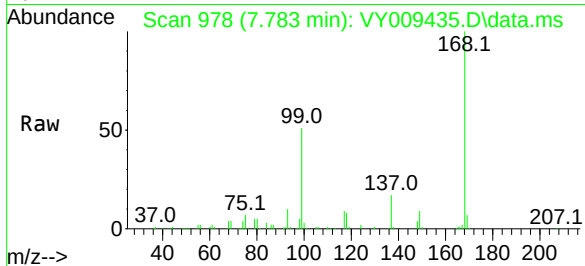




#36
 1,1-Dichloropropene
 Concen: 4.574 ug/l
 RT: 7.783 min Scan# 91
 Delta R.T. -0.128 min
 Lab File: VY009435.D
 Acq: 05 Jul 2022 14:21

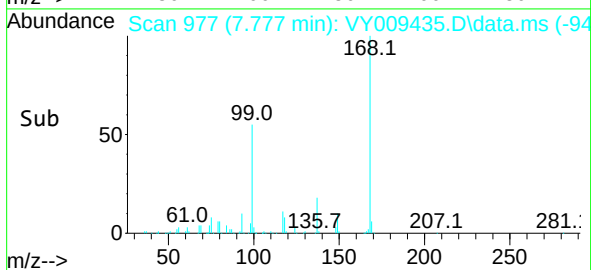
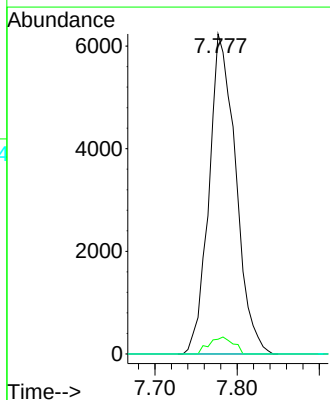
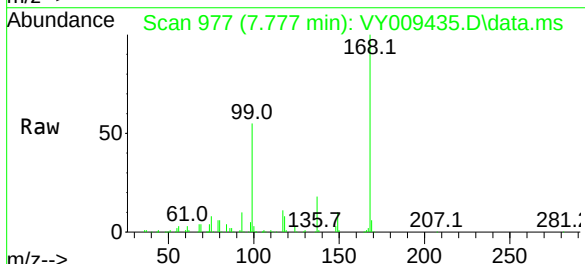
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 OK-02-07012022

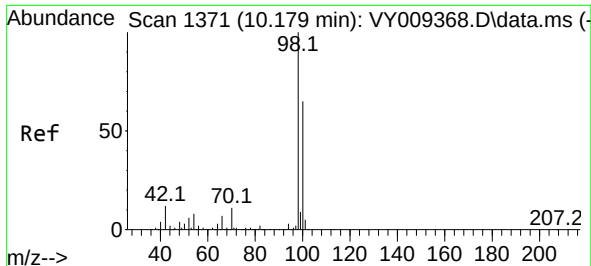
Tgt Ion: 75 Resp: 10616
 Ion Ratio Lower Upper
 75 100
 110 9.7 17.1 51.2#
 77 0.0 24.4 36.6#



#38
 Carbon Tetrachloride
 Concen: 5.824 ug/l
 RT: 7.777 min Scan# 977
 Delta R.T. -0.116 min
 Lab File: VY009435.D
 Acq: 05 Jul 2022 14:21

Tgt Ion: 117 Resp: 14128
 Ion Ratio Lower Upper
 117 100
 119 4.6 77.9 116.9#
 121 0.0 24.8 37.2#

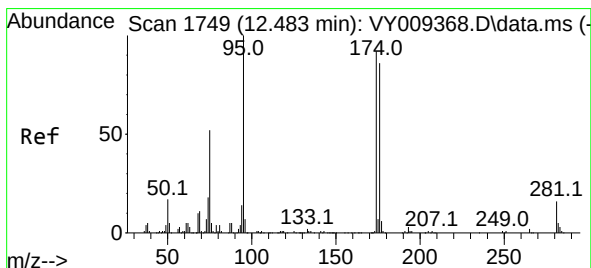
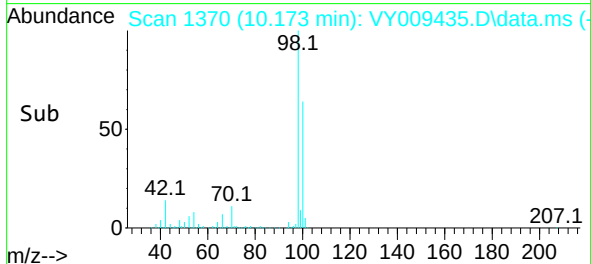
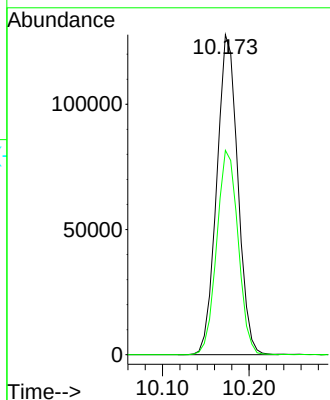
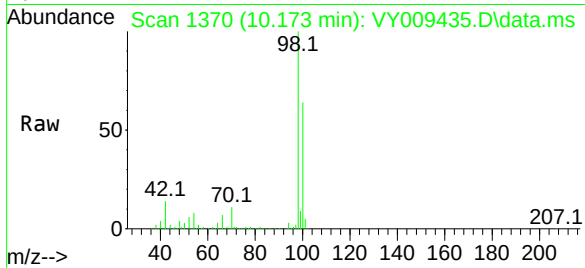




#50
Toluene-d8
Concen: 53.047 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY009435.D
Acq: 05 Jul 2022 14:21

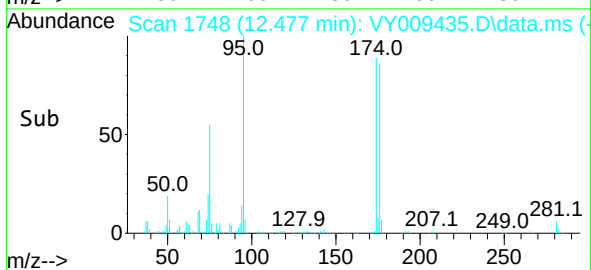
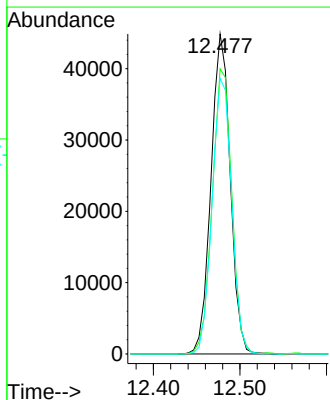
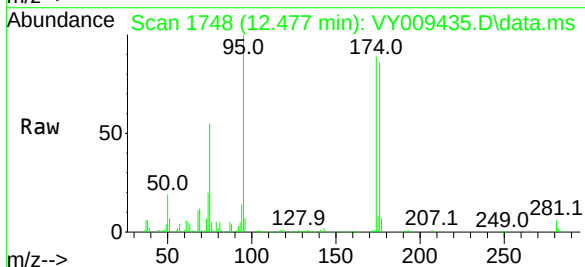
Instrument :
MSVOA_Y
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OK-02-07012022

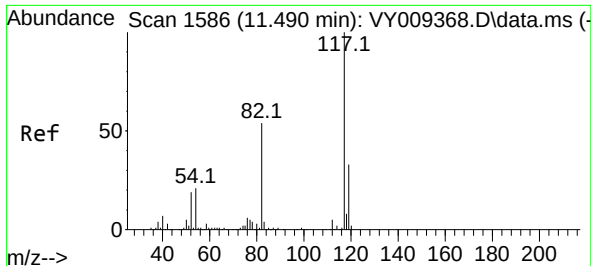
Tgt Ion: 98 Resp: 215890
Ion Ratio Lower Upper
98 100
100 64.8 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 35.877 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009435.D
Acq: 05 Jul 2022 14:21

Tgt Ion: 95 Resp: 69250
Ion Ratio Lower Upper
95 100
174 90.6 0.0 177.0
176 87.4 0.0 175.8

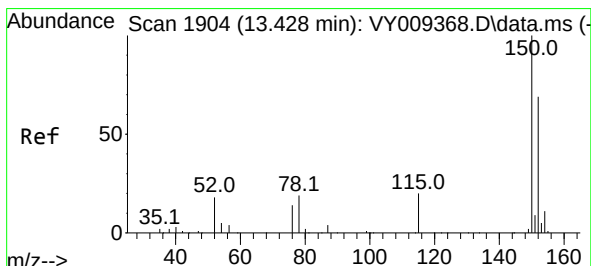
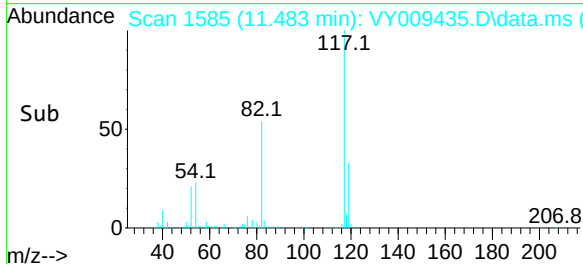
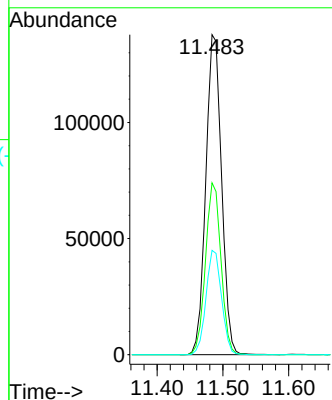
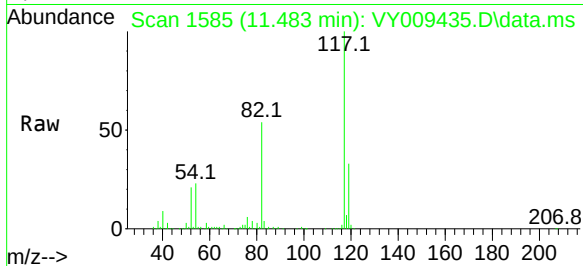




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 11
Delta R.T. -0.007 min
Lab File: VY009435.D
Acq: 05 Jul 2022 14:21

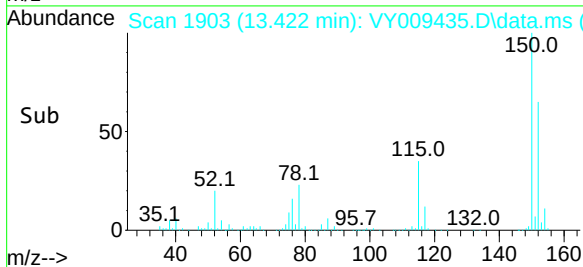
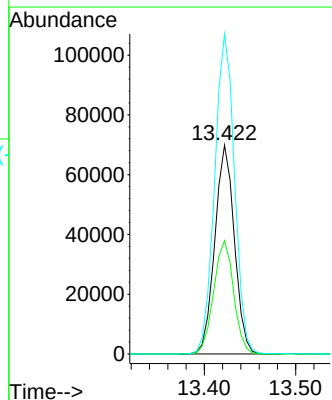
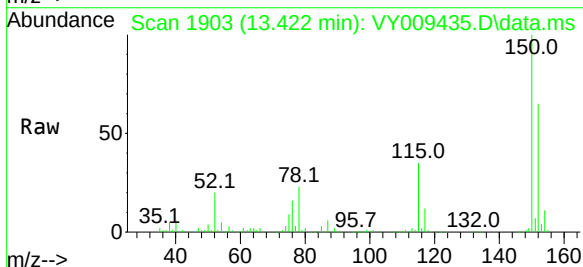
Instrument :
MSVOA_Y
ClientSampleId :
OK-02-07012022

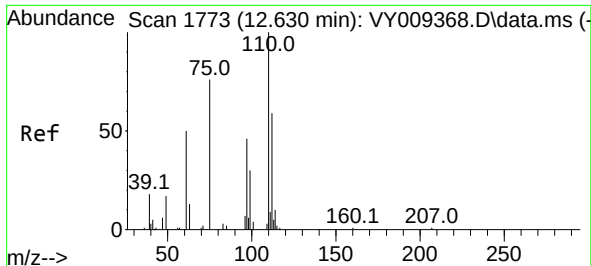
Tgt Ion:117 Resp: 229923
Ion Ratio Lower Upper
117 100
82 53.7 43.0 64.4
119 32.6 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY009435.D
Acq: 05 Jul 2022 14:21

Tgt Ion:152 Resp: 104130
Ion Ratio Lower Upper
152 100
115 55.2 28.2 84.7
150 155.5 0.0 347.6

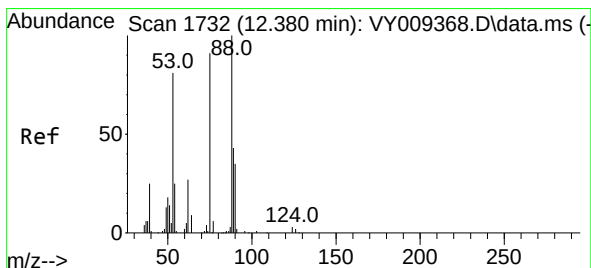
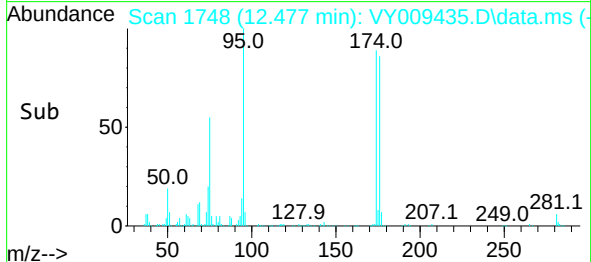
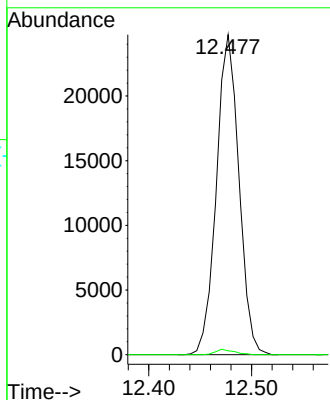
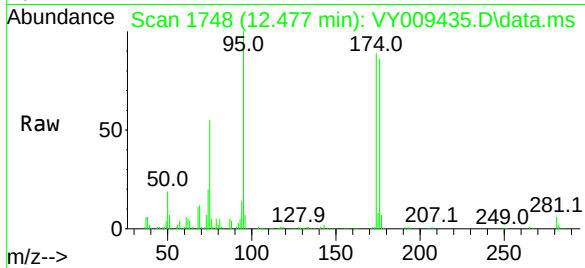




#76
1,2,3-Trichloropropane
Concen: 30.816 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY009435.D
Acq: 05 Jul 2022 14:21

Instrument :
MSVOA_Y
ClientSampleId :
OK-02-07012022

Tgt Ion: 75 Resp: 37579
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 68.612 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.103 min
Lab File: VY009435.D
Acq: 05 Jul 2022 14:21

Tgt Ion: 75 Resp: 37579
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.1 37.0 55.4#

