

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010722\
 Data File : VY007064.D
 Acq On : 07 Jan 2022 19:37
 Operator : SY/MD
 Sample : N1065-40
 Misc : 4.59g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 08 04:13:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010522S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 06 04:51:57 2022
 Response via : Initial Calibration

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

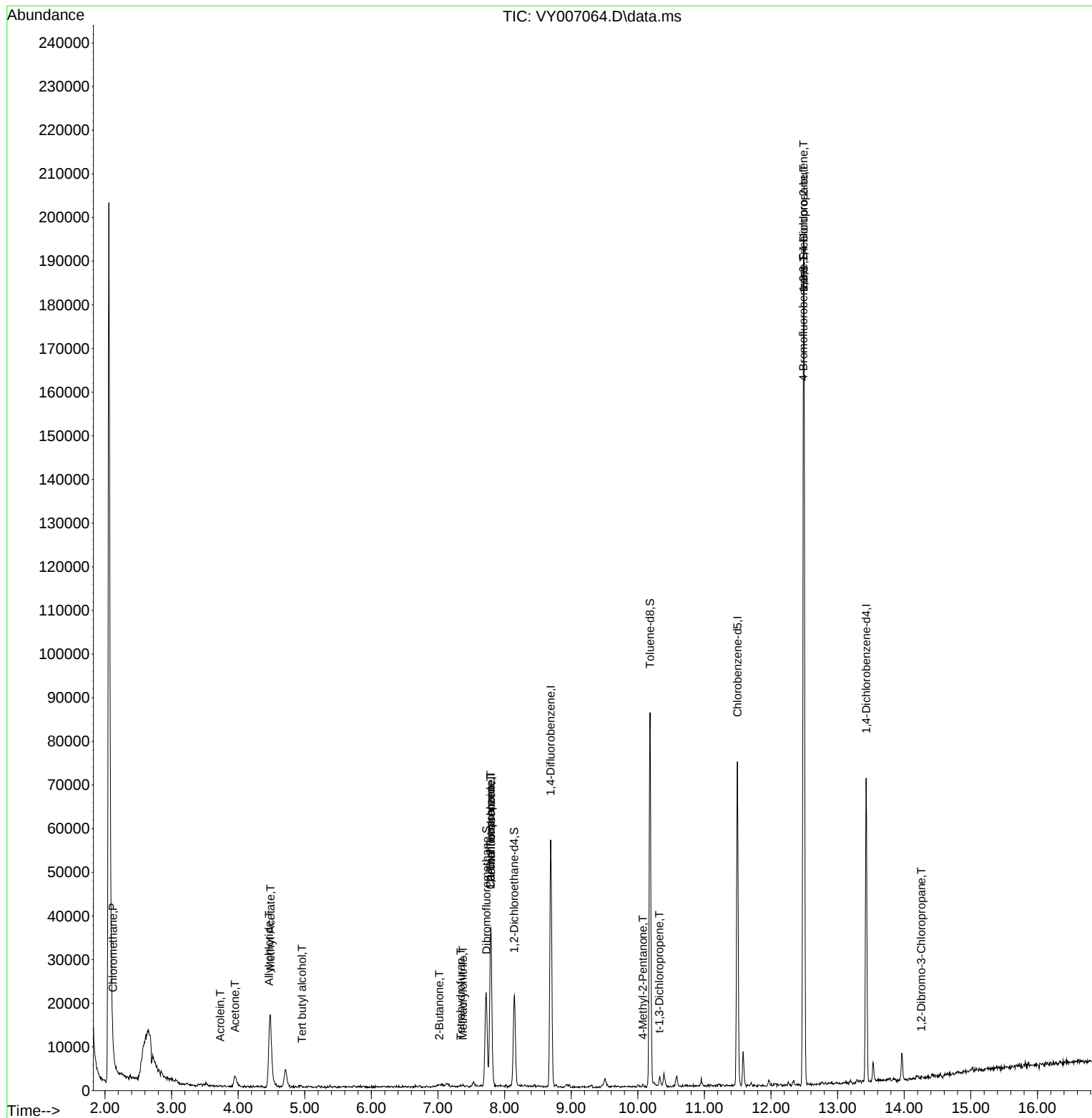
Internal Standards						
1) Pentafluorobenzene	7.795	168	27751	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	49210	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	40520	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	16692	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	16899	51.588	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.180%	
35) Dibromofluoromethane	7.728	113	16129	49.861	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.720%	
50) Toluene-d8	10.185	98	57529	47.866	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 95.740%	
62) 4-Bromofluorobenzene	12.483	95	18400	40.651	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 81.300%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.119	50	576	2.951	ug/l #	80
11) Tert butyl alcohol	4.960	59	41	1.388	ug/l #	71
13) Acrolein	3.729	56	77	8.426	ug/l #	65
14) Allyl chloride	4.466	41	629	1.223	ug/l #	28
16) Acetone	3.954	43	3800	52.654	ug/l	97
18) Methyl Acetate	4.485	43	34455	111.279	ug/l	98
20) Methylene Chloride	4.710	84	3090	Below Cal	#	91
25) 2-Butanone	7.021	43	784	7.545	ug/l #	46
29) Tetrahydrofuran	7.344	42	115	1.490	ug/l #	31
36) 1,1-Dichloropropene	7.789	75	2289	4.246	ug/l #	51
38) Carbon Tetrachloride	7.789	117	3010	5.338	ug/l #	12
41) Methacrylonitrile	7.374	41	285	1.834	ug/l #	100
51) 4-Methyl-2-Pentanone	10.075	43	500	1.893	ug/l #	63
53) t-1,3-Dichloropropene	10.325	75	1390	2.449	ug/l #	42
76) 1,2,3-Trichloropropane	12.489	75	11273	53.617	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	11273	97.927	ug/l #	4
92) 1,2-Dibromo-3-Chloropr...	14.257	75	57	1.075	ug/l #	2

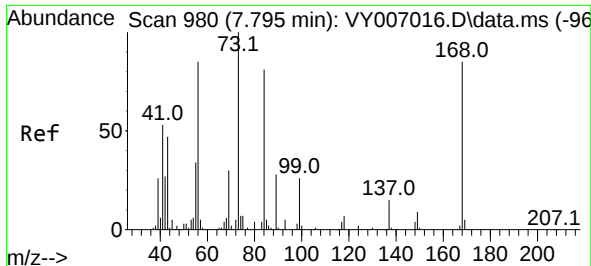
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Jan 06 04:51:57 2022
Response via : Initial Calibration

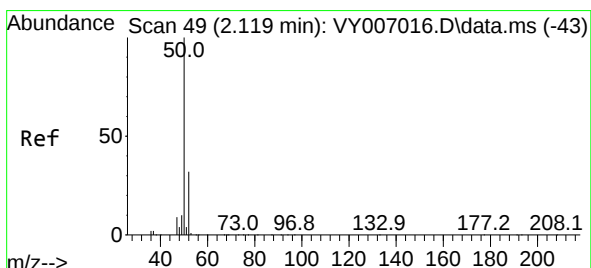
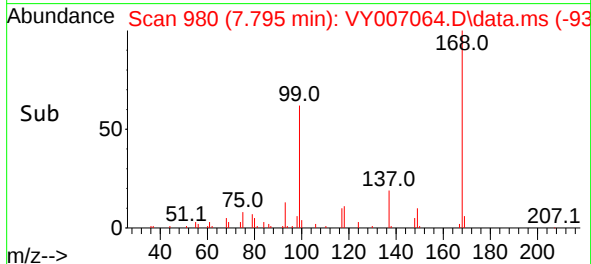
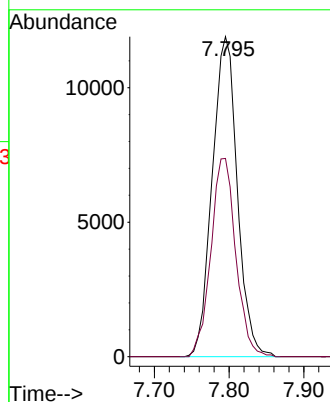
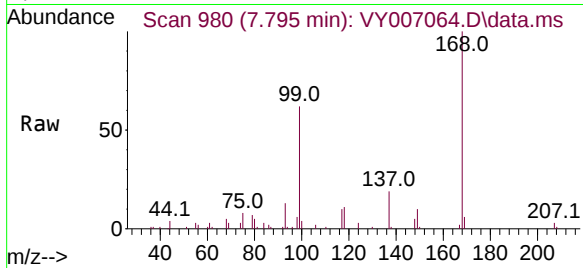




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY007064.D
Acq: 07 Jan 2022 19:37

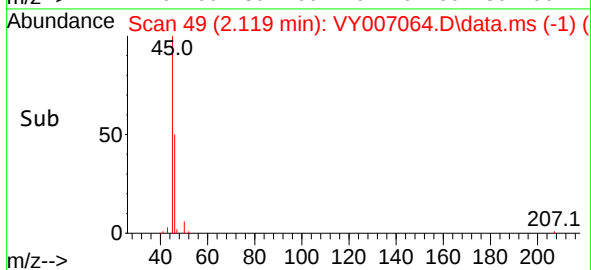
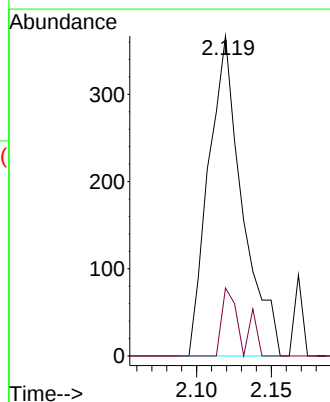
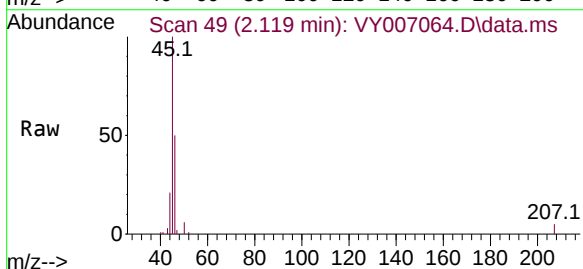
Instrument :
MSVOA_Y
ClientSampleId :

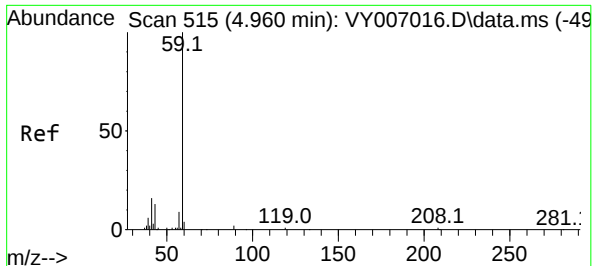
Tgt Ion:168 Resp: 27751
Ion Ratio Lower Upper
168 100
99 62.0 48.9 73.3



#3
Chloromethane
Concen: 2.951 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.000 min
Lab File: VY007064.D
Acq: 07 Jan 2022 19:37

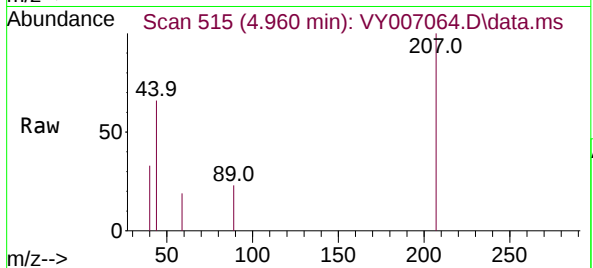
Tgt Ion: 50 Resp: 576
Ion Ratio Lower Upper
50 100
52 21.3 25.8 38.8#



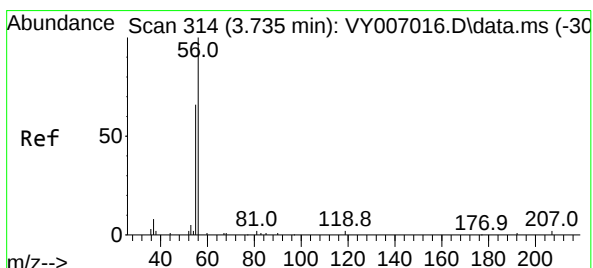
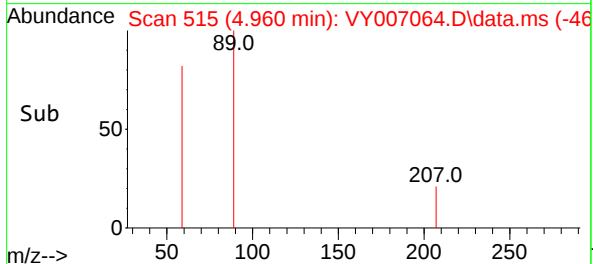
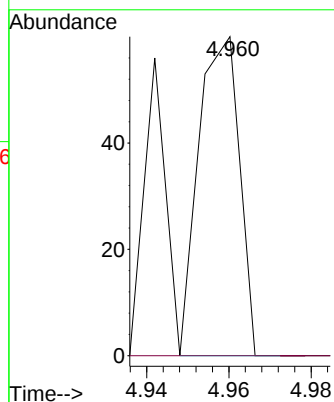


#11
Tert butyl alcohol
Concen: 1.388 ug/l
RT: 4.960 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY007064.D
Acq: 07 Jan 2022 19:37

Instrument :
MSVOA_Y
ClientSampleId :

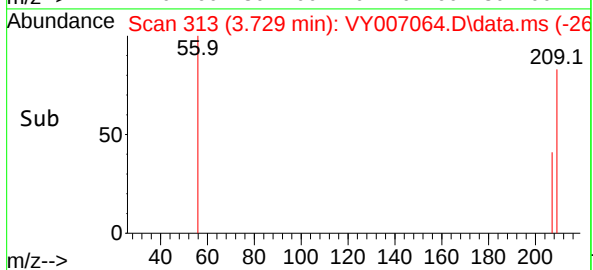
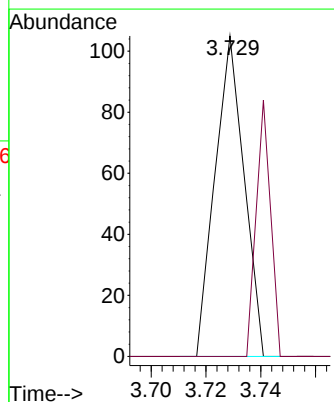
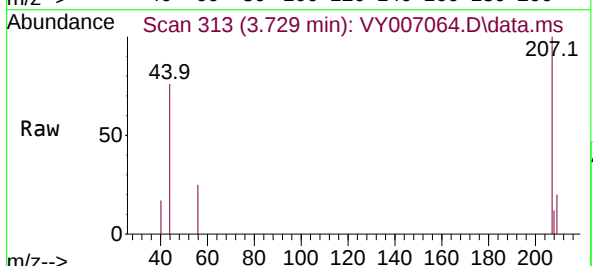


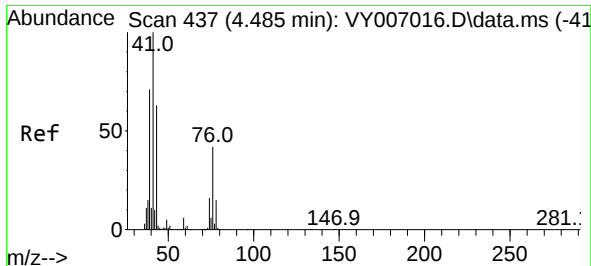
Tgt Ion: 59 Resp: 41
Ion Ratio Lower Upper
59 100
57 0.0 8.9 13.3#



#13
Acrolein
Concen: 8.426 ug/l
RT: 3.729 min Scan# 313
Delta R.T. -0.006 min
Lab File: VY007064.D
Acq: 07 Jan 2022 19:37

Tgt Ion: 56 Resp: 77
Ion Ratio Lower Upper
56 100
55 40.3 54.6 82.0#

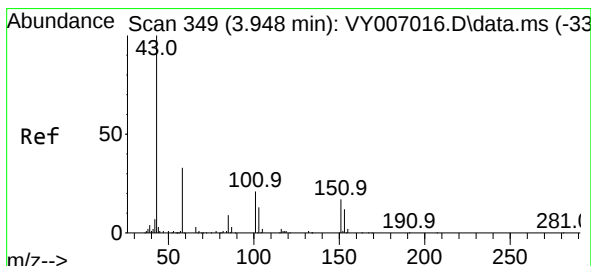
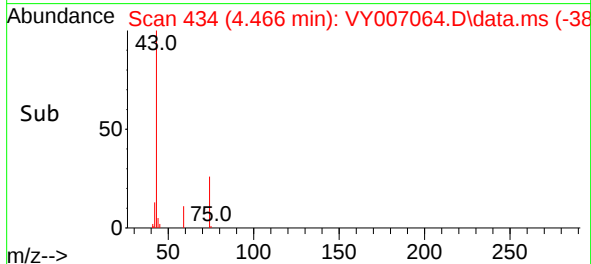
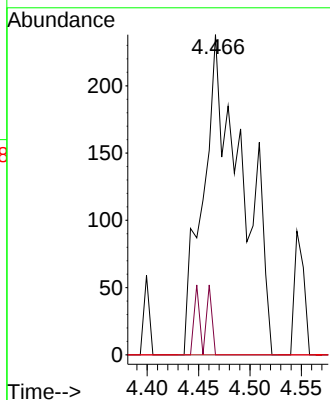
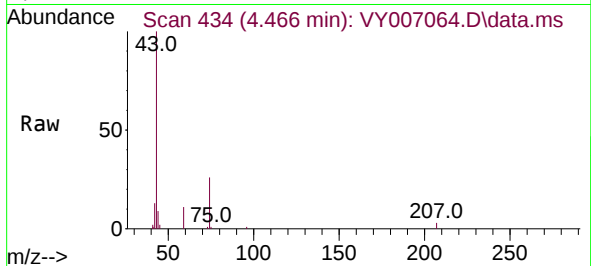




#14
 Allyl chloride
 Concen: 1.223 ug/l
 RT: 4.466 min Scan# 41
 Delta R.T. -0.018 min
 Lab File: VY007064.D
 Acq: 07 Jan 2022 19:37

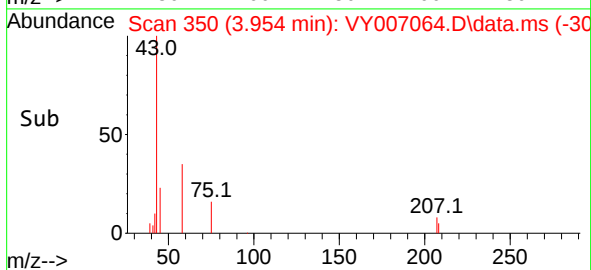
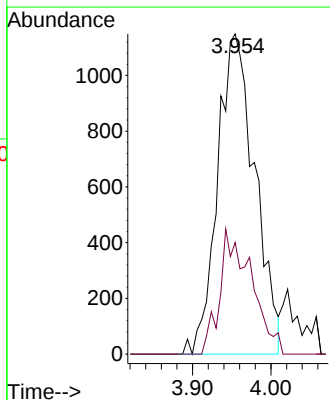
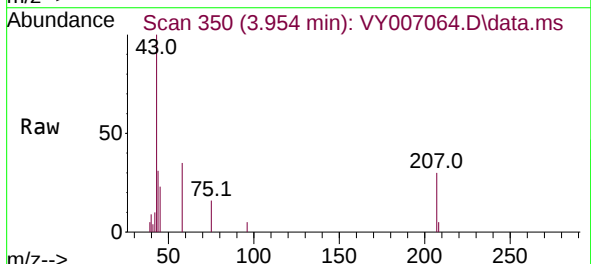
Instrument :
 MSVOA_Y
 ClientSampleId :

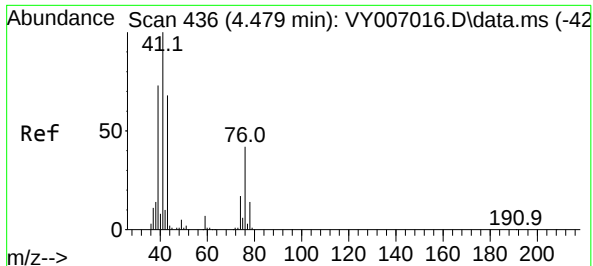
Tgt Ion: 41 Resp: 629
 Ion Ratio Lower Upper
 41 100
 39 6.0 54.3 81.5#
 76 0.0 31.4 47.0#



#16
 Acetone
 Concen: 52.654 ug/l
 RT: 3.954 min Scan# 350
 Delta R.T. 0.006 min
 Lab File: VY007064.D
 Acq: 07 Jan 2022 19:37

Tgt Ion: 43 Resp: 3800
 Ion Ratio Lower Upper
 43 100
 58 34.8 26.3 39.5

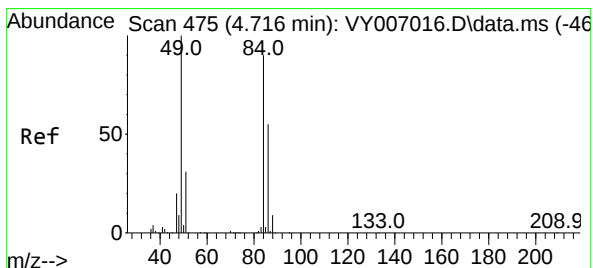
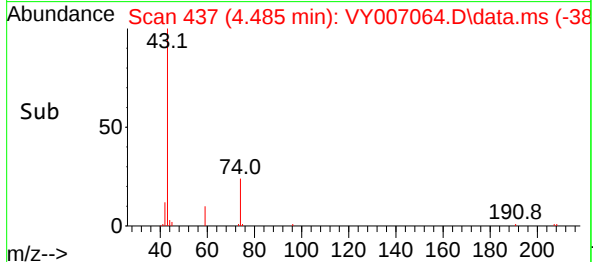
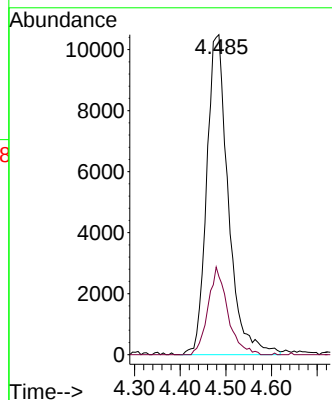
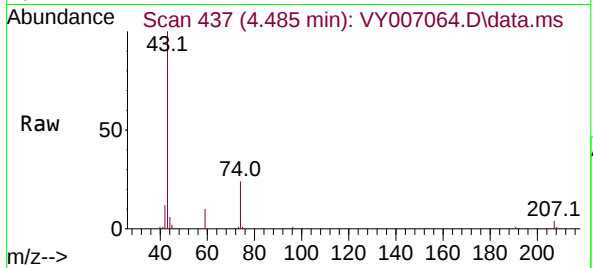




#18
Methyl Acetate
Concen: 111.279 ug/l
RT: 4.485 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY007064.D
Acq: 07 Jan 2022 19:37

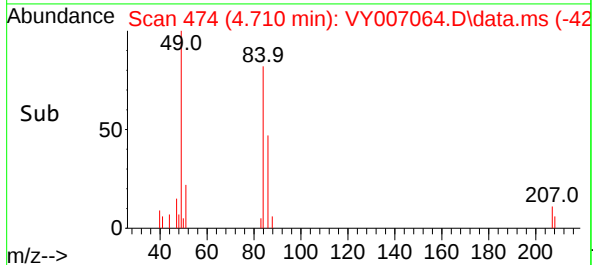
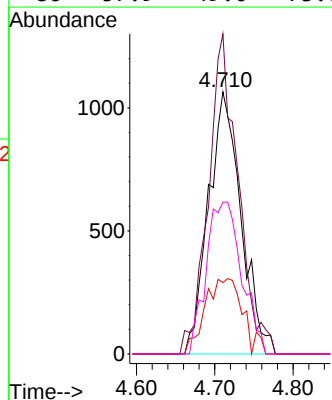
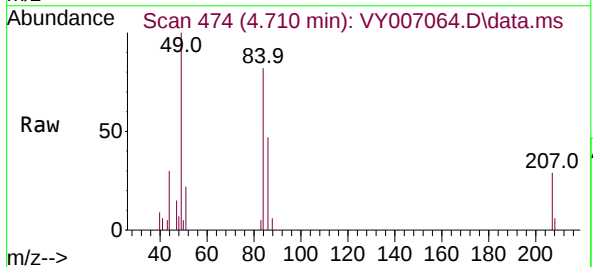
Instrument :
MSVOA_Y
ClientSampleId :

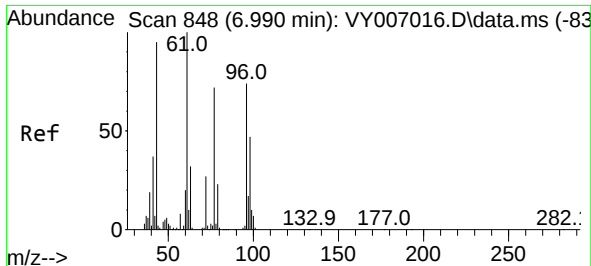
Tgt Ion: 43 Resp: 34455
Ion Ratio Lower Upper
43 100
74 24.9 20.9 31.3



#20
Methylene Chloride
Concen: Below Cal
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY007064.D
Acq: 07 Jan 2022 19:37

Tgt Ion: 84 Resp: 3090
Ion Ratio Lower Upper
84 100
49 122.1 89.4 134.0
51 27.2 27.7 41.5#
86 57.9 49.0 73.6

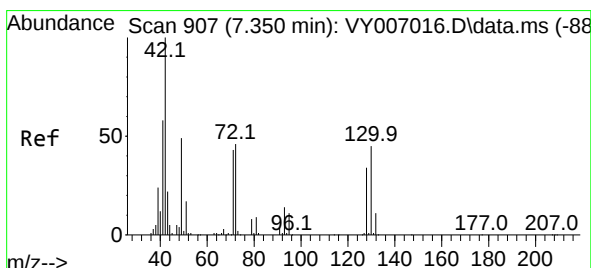
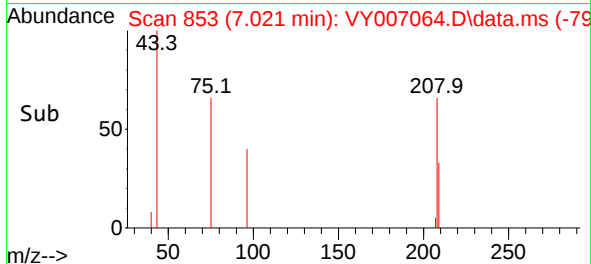
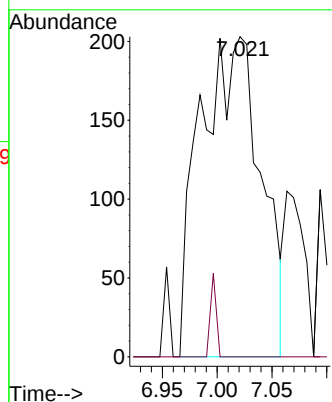
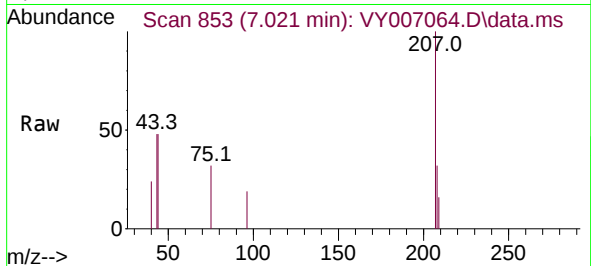




#25
2-Butanone
Concen: 7.545 ug/l
RT: 7.021 min Scan# 848
Delta R.T. 0.031 min
Lab File: VY007064.D
Acq: 07 Jan 2022 19:37

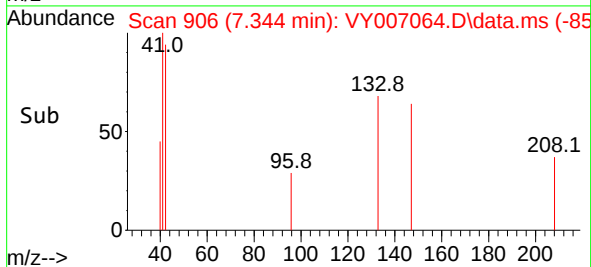
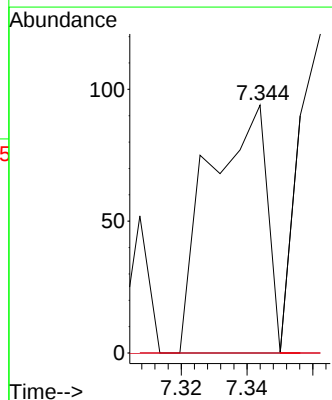
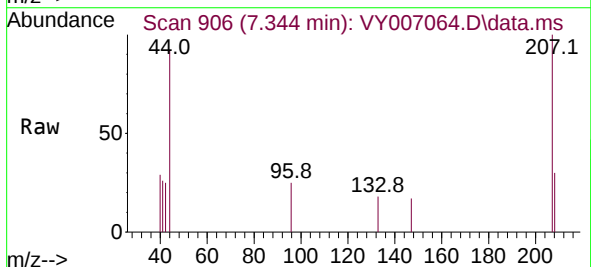
Instrument :
MSVOA_Y
ClientSampleId :

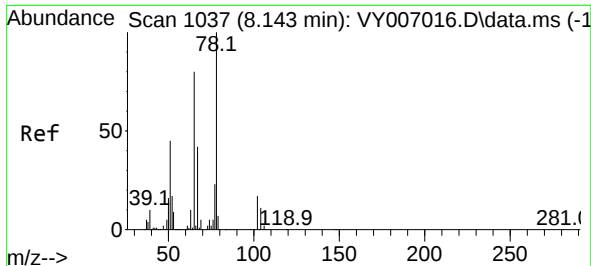
Tgt Ion: 43 Resp: 784
Ion Ratio Lower Upper
43 100
72 0.0 22.6 34.0#



#29
Tetrahydrofuran
Concen: 1.490 ug/l
RT: 7.344 min Scan# 906
Delta R.T. -0.006 min
Lab File: VY007064.D
Acq: 07 Jan 2022 19:37

Tgt Ion: 42 Resp: 115
Ion Ratio Lower Upper
42 100
72 0.0 37.1 55.7#
71 0.0 34.6 52.0#





#33

1,2-Dichloroethane-d4

Concen: 51.588 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VY007064.D

Acq: 07 Jan 2022 19:37

Instrument :

MSVOA_Y

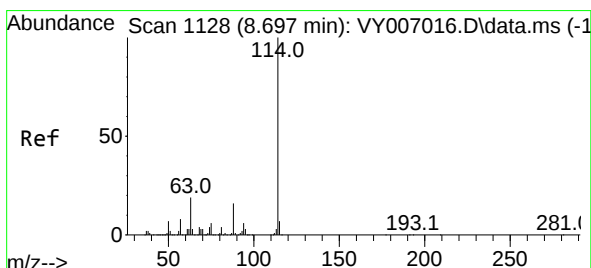
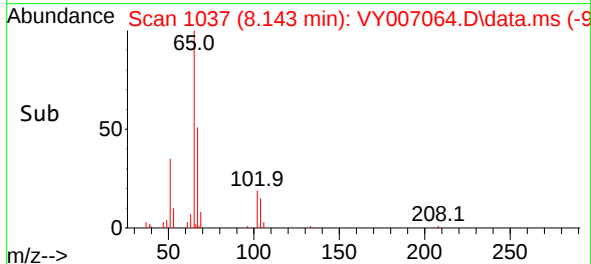
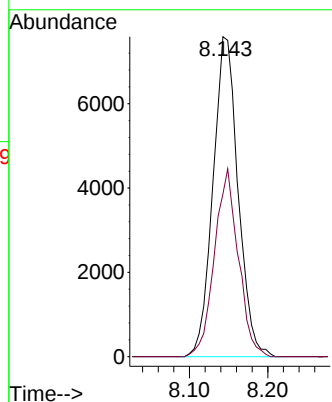
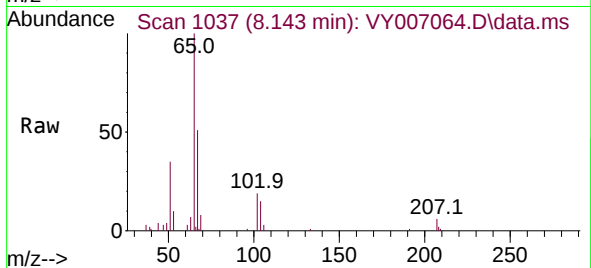
ClientSampleId :

Tgt Ion: 65 Resp: 16899

Ion Ratio Lower Upper

65 100

67 55.8 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VY007064.D

Acq: 07 Jan 2022 19:37

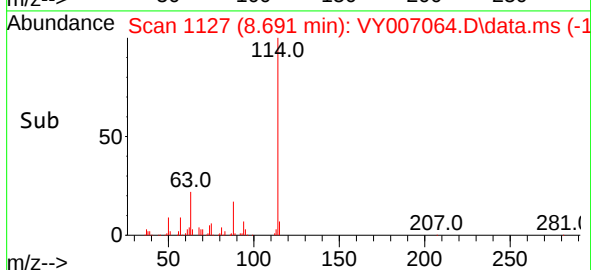
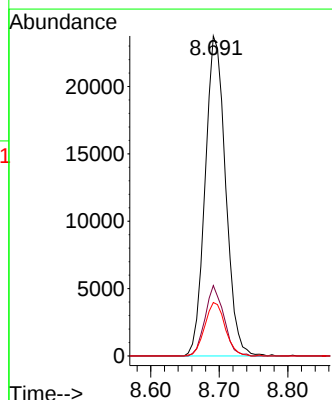
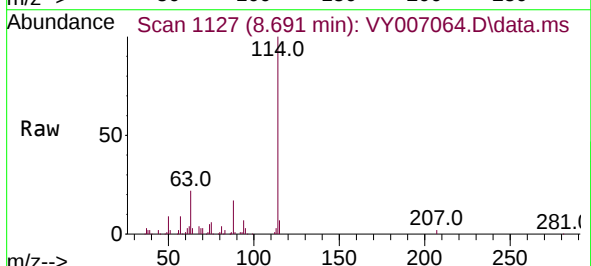
Tgt Ion: 114 Resp: 49210

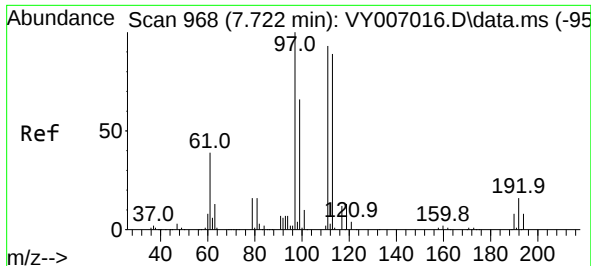
Ion Ratio Lower Upper

114 100

63 22.0 0.0 37.6

88 16.7 0.0 31.8

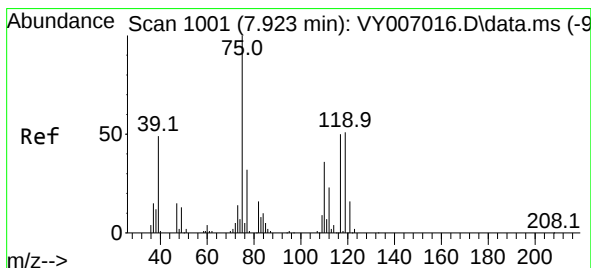
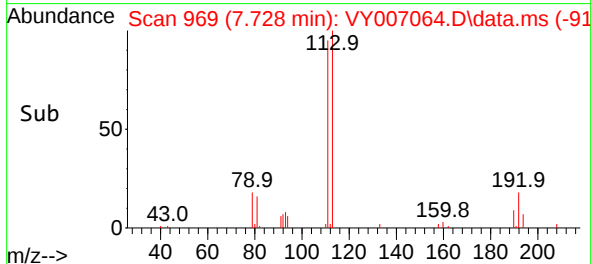
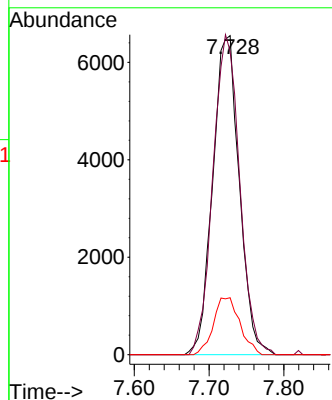
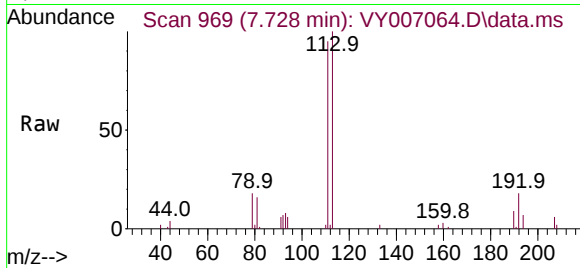




#35
Dibromofluoromethane
Concen: 49.861 ug/l
RT: 7.728 min Scan# 911
Delta R.T. 0.006 min
Lab File: VY007064.D
Acq: 07 Jan 2022 19:37

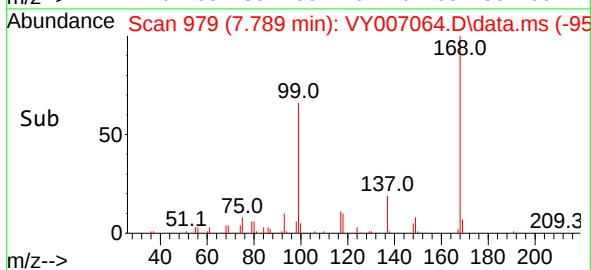
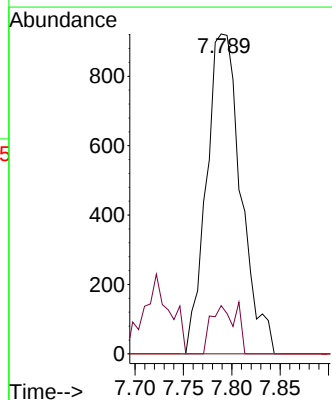
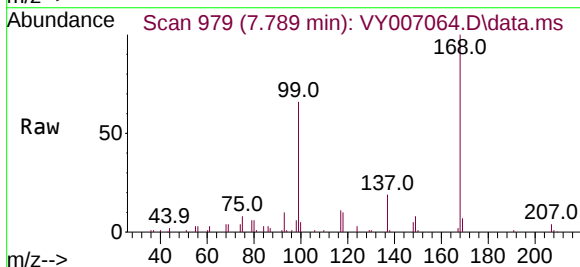
Instrument :
MSVOA_Y
ClientSampleId :

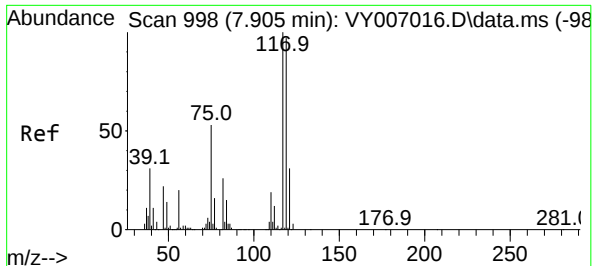
Tgt Ion:113 Resp: 16129
Ion Ratio Lower Upper
113 100
111 101.2 81.9 122.9
192 17.9 14.6 21.8



#36
1,1-Dichloropropene
Concen: 4.246 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.134 min
Lab File: VY007064.D
Acq: 07 Jan 2022 19:37

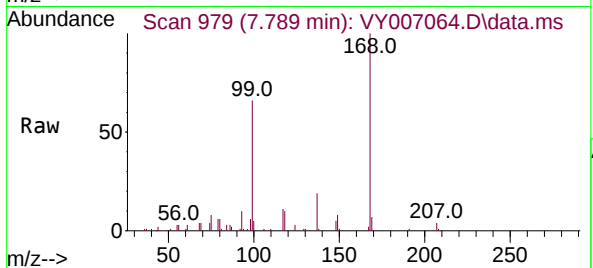
Tgt Ion: 75 Resp: 2289
Ion Ratio Lower Upper
75 100
110 11.2 18.0 54.0#
77 0.0 25.4 38.2#



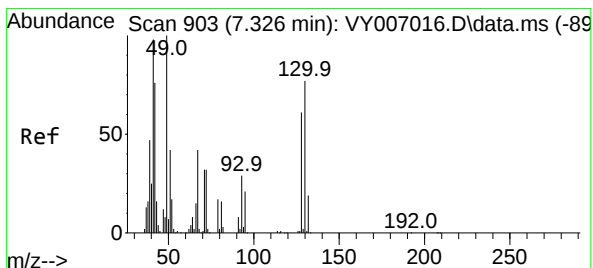
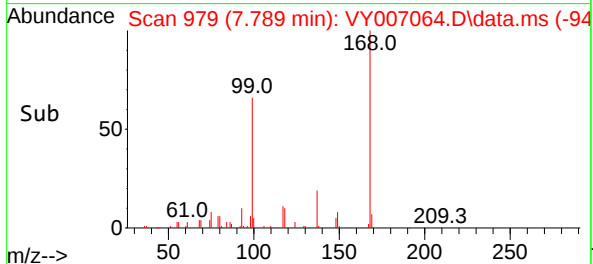
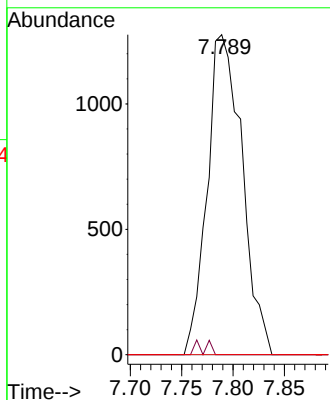


#38
Carbon Tetrachloride
Concen: 5.338 ug/l
RT: 7.789 min Scan# 911
Delta R.T. -0.116 min
Lab File: VY007064.D
Acq: 07 Jan 2022 19:37

Instrument :
MSVOA_Y
ClientSampleId :

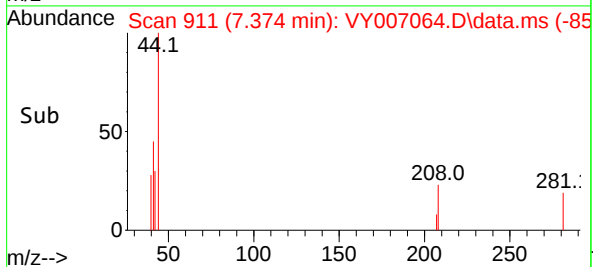
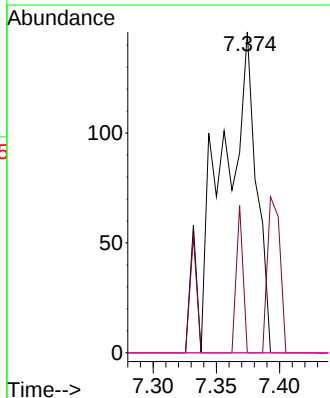
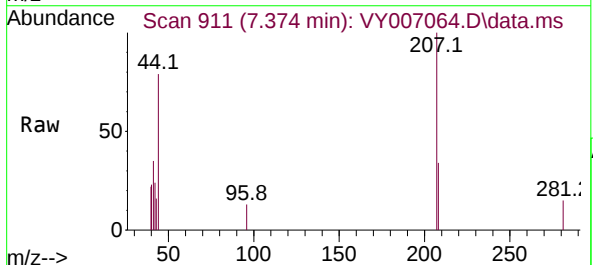


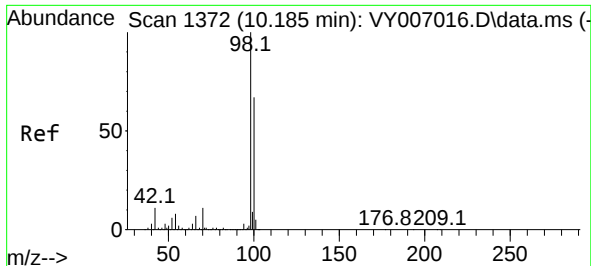
Tgt Ion:117 Resp: 3010
Ion Ratio Lower Upper
117 100
119 0.0 77.7 116.5#
121 0.0 24.4 36.6#



#41
Methacrylonitrile
Concen: 1.834 ug/l
RT: 7.374 min Scan# 911
Delta R.T. 0.049 min
Lab File: VY007064.D
Acq: 07 Jan 2022 19:37

Tgt Ion: 41 Resp: 285
Ion Ratio Lower Upper
41 100
39 8.8 0.0 0.0#
67 0.0 0.0 0.0
52 0.0 0.0 0.0

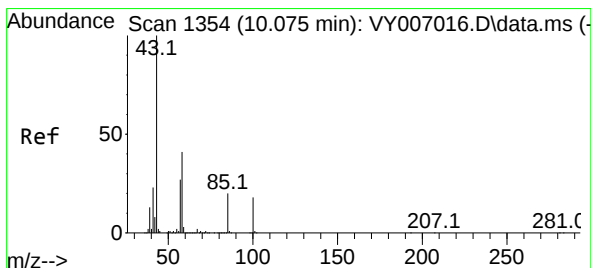
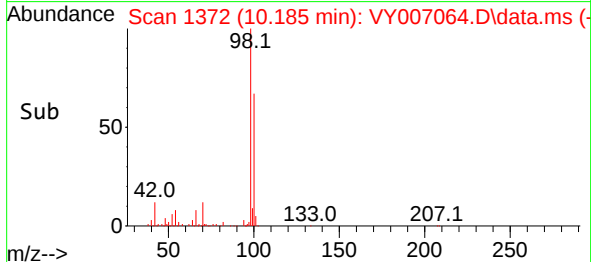
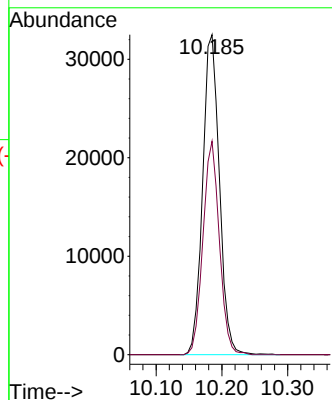
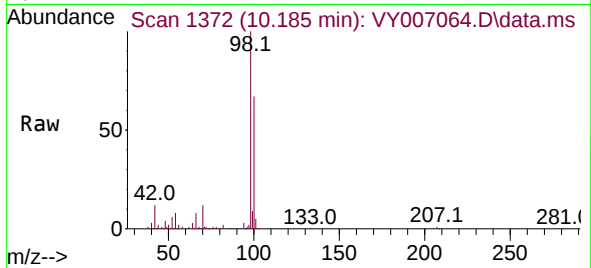




#50
Toluene-d8
Concen: 47.866 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY007064.D
Acq: 07 Jan 2022 19:37

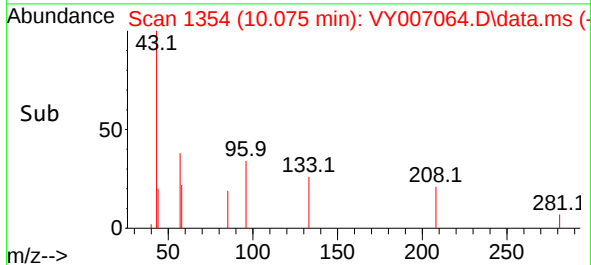
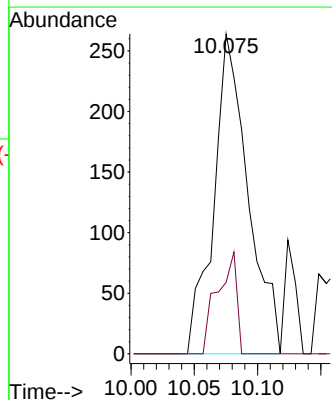
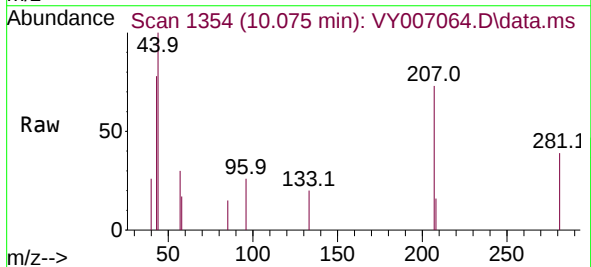
Instrument :
MSVOA_Y
ClientSampleId :

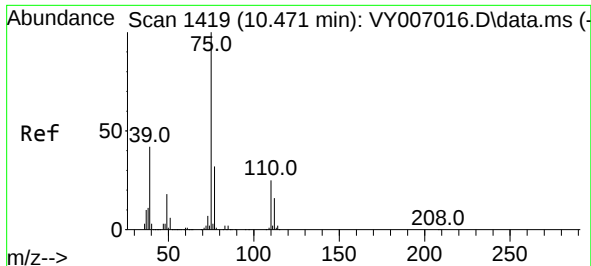
Tgt Ion: 98 Resp: 57529
Ion Ratio Lower Upper
98 100
100 65.2 52.8 79.2



#51
4-Methyl-2-Pentanone
Concen: 1.893 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. 0.000 min
Lab File: VY007064.D
Acq: 07 Jan 2022 19:37

Tgt Ion: 43 Resp: 500
Ion Ratio Lower Upper
43 100
58 17.8 32.7 49.1#

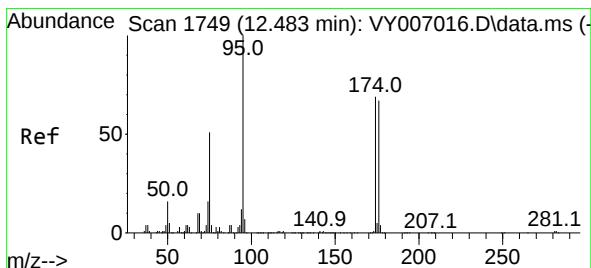
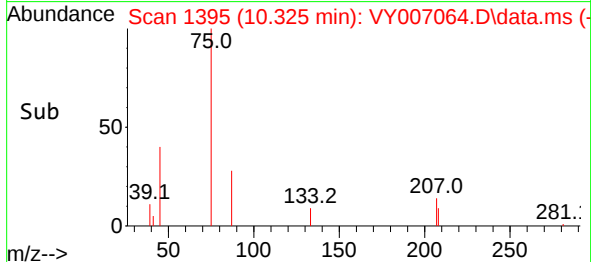
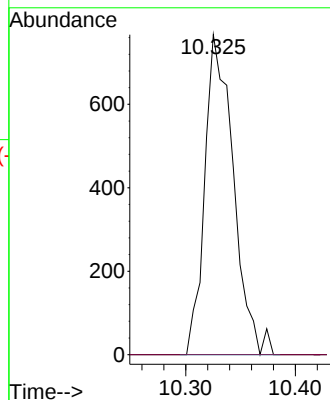
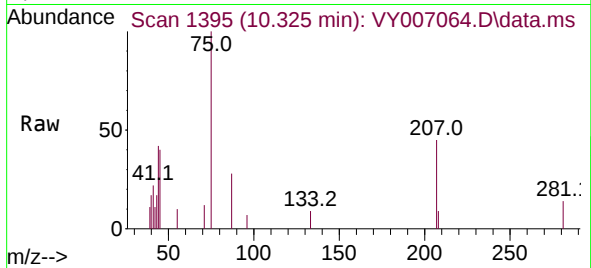




#53
t-1,3-Dichloropropene
Concen: 2.449 ug/l
RT: 10.325 min Scan# 11
Delta R.T. -0.146 min
Lab File: VY007064.D
Acq: 07 Jan 2022 19:37

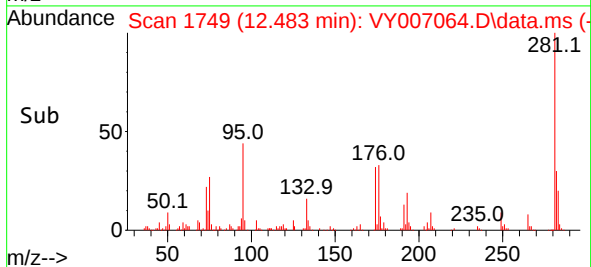
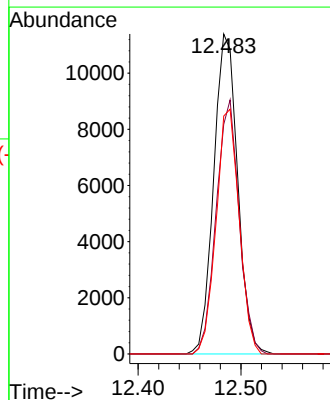
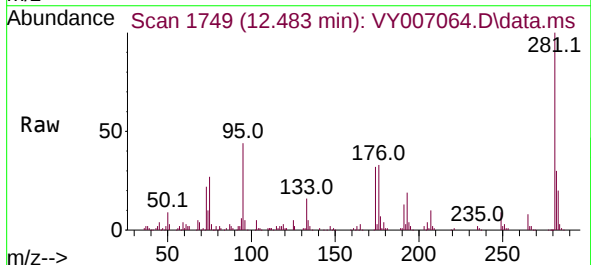
Instrument :
MSVOA_Y
ClientSampleId :

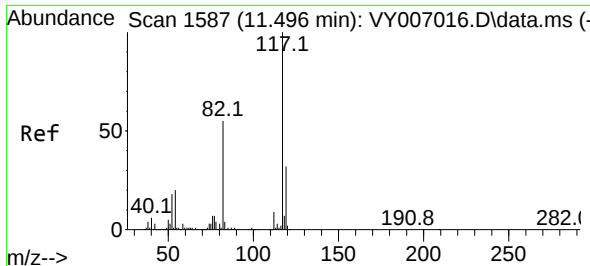
Tgt Ion: 75 Resp: 1390
Ion Ratio Lower Upper
75 100
77 0.0 25.8 38.8#



#62
4-Bromofluorobenzene
Concen: 40.651 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007064.D
Acq: 07 Jan 2022 19:37

Tgt Ion: 95 Resp: 18400
Ion Ratio Lower Upper
95 100
174 76.3 0.0 144.6
176 73.7 0.0 141.0

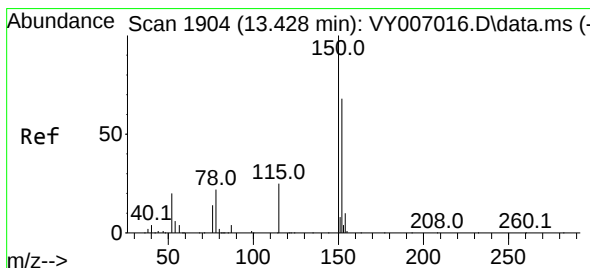
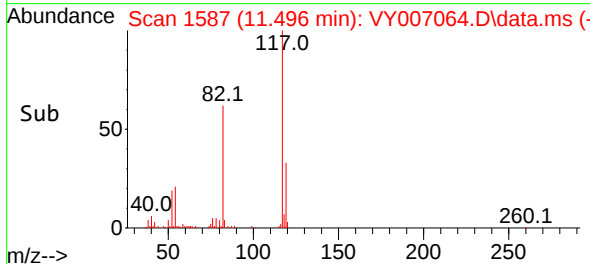
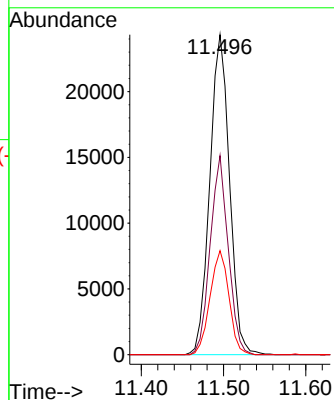
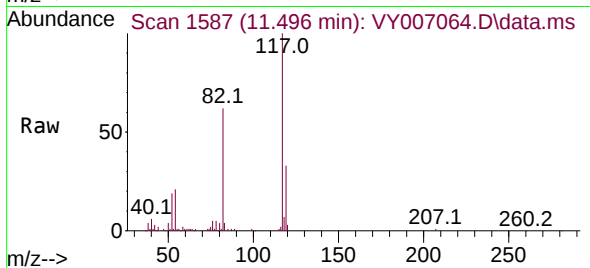




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY007064.D
Acq: 07 Jan 2022 19:37

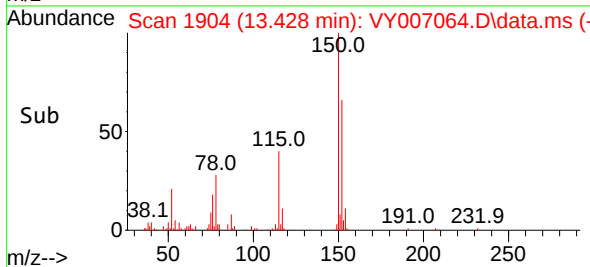
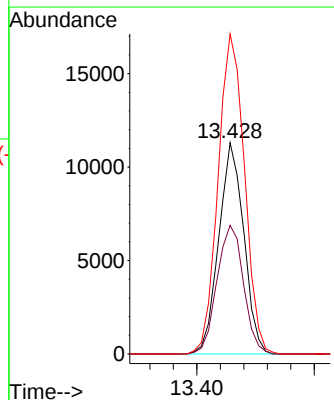
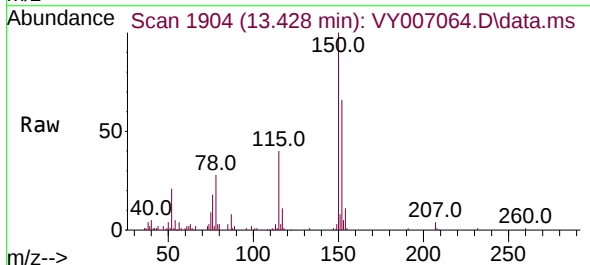
Instrument :
MSVOA_Y
ClientSampleId :

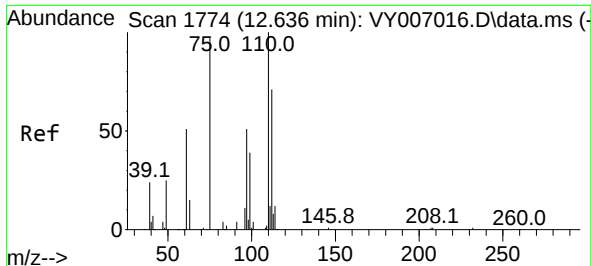
Tgt Ion:117 Resp: 40520
Ion Ratio Lower Upper
117 100
82 62.2 44.1 66.1
119 32.5 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY007064.D
Acq: 07 Jan 2022 19:37

Tgt Ion:152 Resp: 16692
Ion Ratio Lower Upper
152 100
115 64.4 31.9 95.5
150 159.8 0.0 358.0

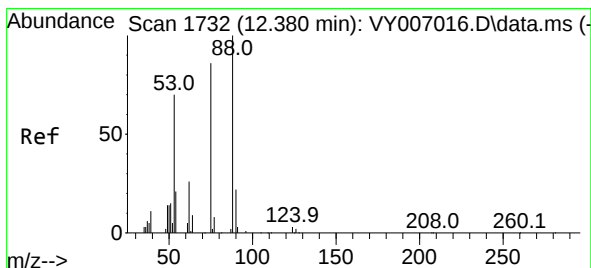
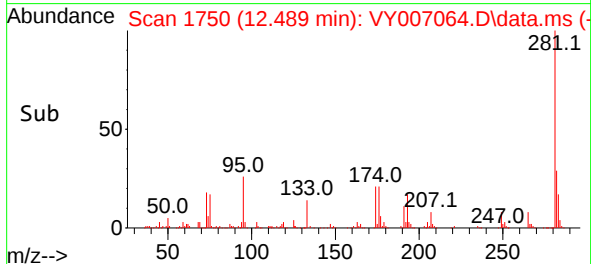
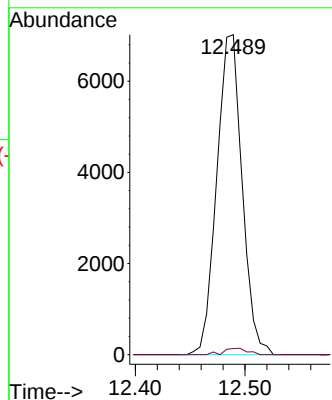
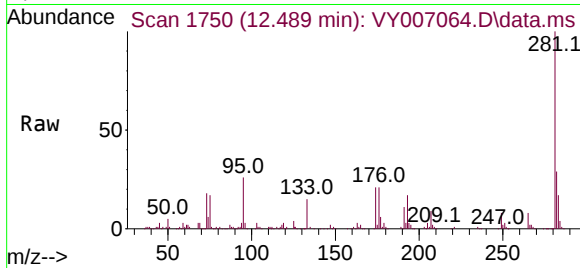




#76
1,2,3-Trichloropropane
Concen: 53.617 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.146 min
Lab File: VY007064.D
Acq: 07 Jan 2022 19:37

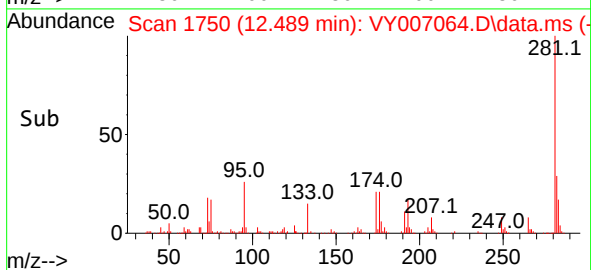
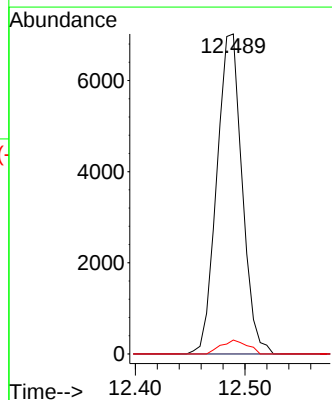
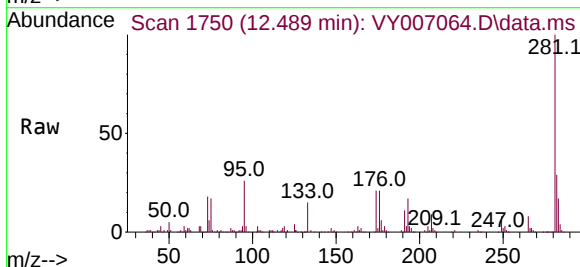
Instrument :
MSVOA_Y
ClientSampleId :

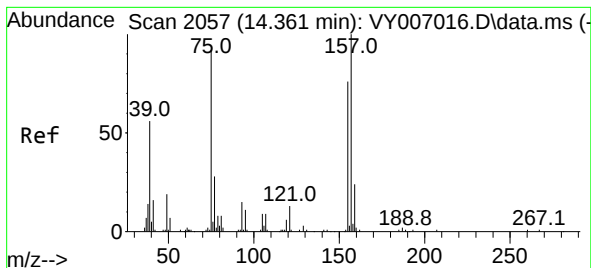
Tgt Ion: 75 Resp: 11273
Ion Ratio Lower Upper
75 100
77 1.9 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 97.927 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.110 min
Lab File: VY007064.D
Acq: 07 Jan 2022 19:37

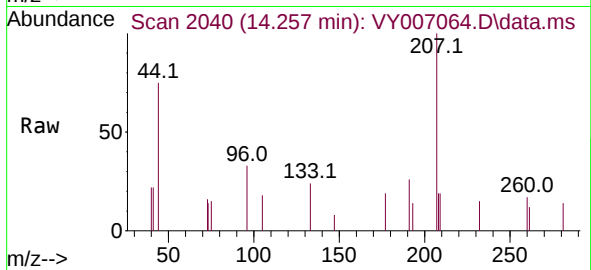
Tgt Ion: 75 Resp: 11273
Ion Ratio Lower Upper
75 100
53 0.0 72.2 108.4#
89 4.5 0.0 0.0#





#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.075 ug/l
 RT: 14.257 min Scan# 2057
 Delta R.T. -0.104 min
 Lab File: VY007064.D
 Acq: 07 Jan 2022 19:37

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 57
 Ion Ratio Lower Upper
 75 100
 155 0.0 41.8 125.3#
 157 0.0 52.9 158.8#

