

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071122\
 Data File : VY009515.D
 Acq On : 11 Jul 2022 17:04
 Operator : KP/MD
 Sample : N3622-10
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jul 12 05:04:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070722S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 08 11:00:56 2022
 Response via : Initial Calibration

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

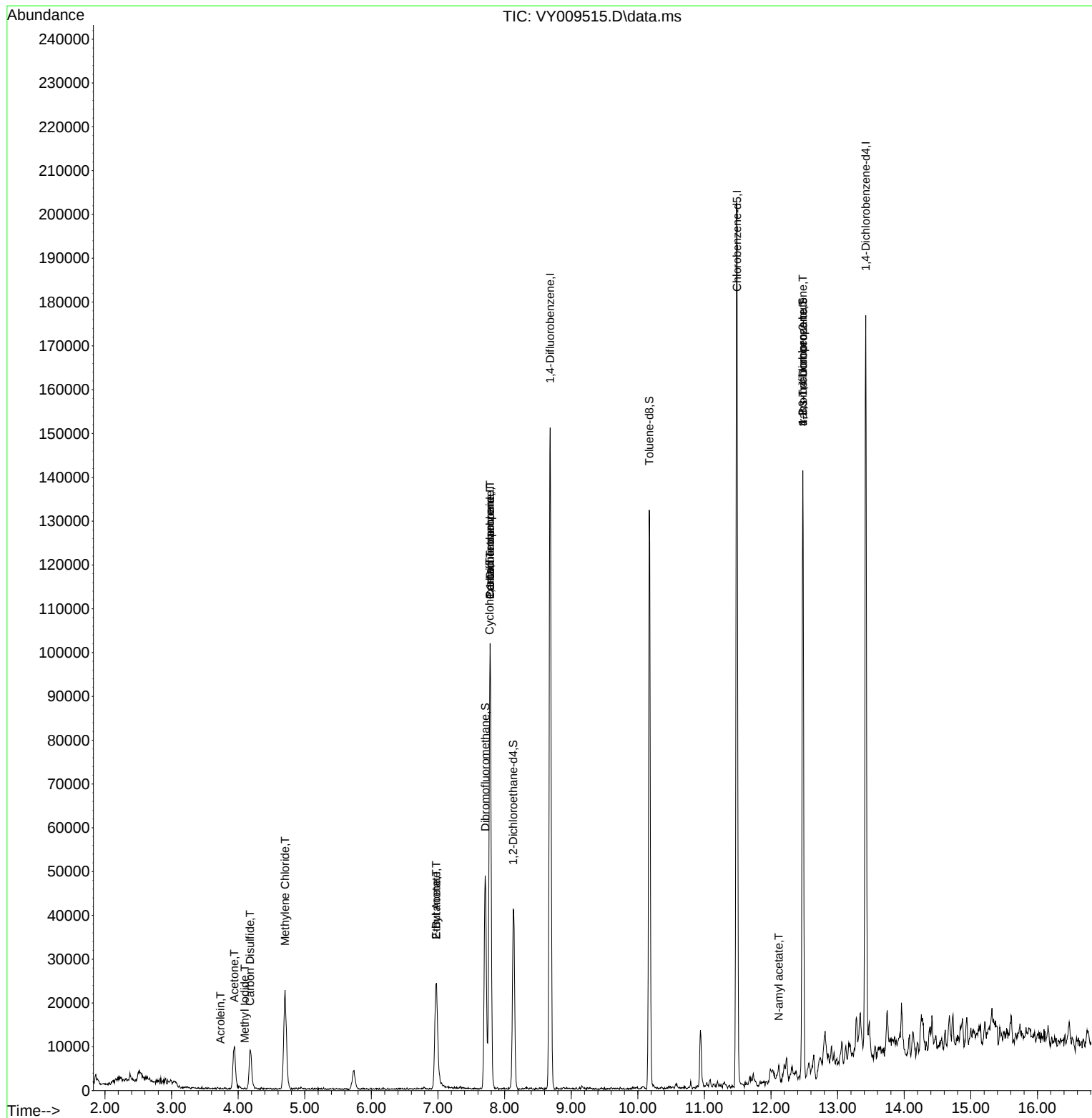
Internal Standards						
1) Pentafluorobenzene	7.783	168	80216	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	129451	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	110599	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	44328	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	31781	57.174	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.340%
35) Dibromofluoromethane	7.709	113	33273	48.850	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.700%
50) Toluene-d8	10.172	98	83792	43.873	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	87.740%
62) 4-Bromofluorobenzene	12.477	95	39428	41.008	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	82.020%
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.100	142	23	4.184	ug/l #	53
11) Tert butyl alcohol	4.948	59	427	Below Cal	#	77
13) Acrolein	3.735	56	62	31.096	ug/l #	10
16) Acetone	3.942	43	16782	86.001	ug/l	96
17) Carbon Disulfide	4.180	76	16684	11.396	ug/l #	94
20) Methylene Chloride	4.704	84	14909	12.601	ug/l #	83
23) Vinyl Acetate	6.197	43	19	Below Cal	#	75
25) 2-Butanone	6.972	43	5616	17.791	ug/l	91
31) Cyclohexane	7.776	56	1766	1.342	ug/l #	44
36) 1,1-Dichloropropene	7.783	75	6149	5.545	ug/l #	52
37) Ethyl Acetate	6.972	43	5616	8.079	ug/l #	79
38) Carbon Tetrachloride	7.783	117	7181	6.055	ug/l #	14
74) N-amyl acetate	12.117	43	1176	1.363	ug/l #	60
76) 1,2,3-Trichloropropane	12.477	75	20476	43.636	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	20476	89.307	ug/l #	8

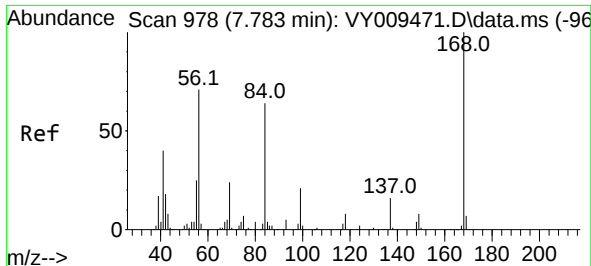
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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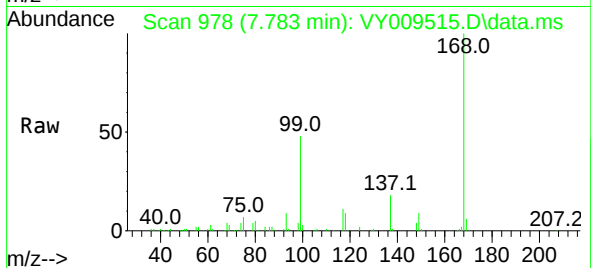
Quant Time: Jul 12 05:04:09 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070722S.M
Quant Title : SW846 8260
QLast Update : Fri Jul 08 11:00:56 2022
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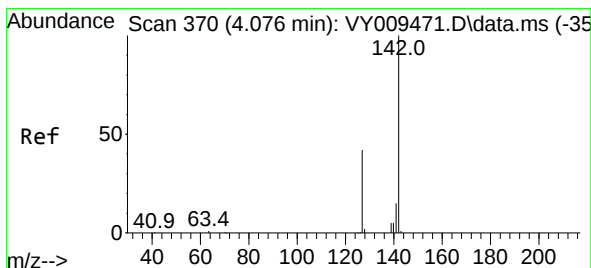
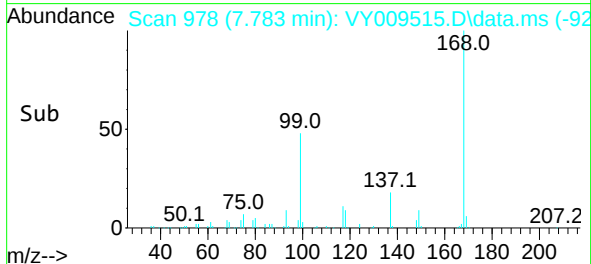
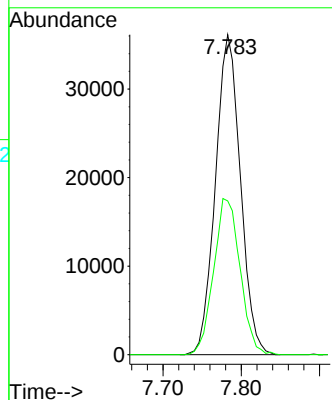


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009515.D
Acq: 11 Jul 2022 17:04

Instrument :
MSVOA_Y
ClientSampleId :

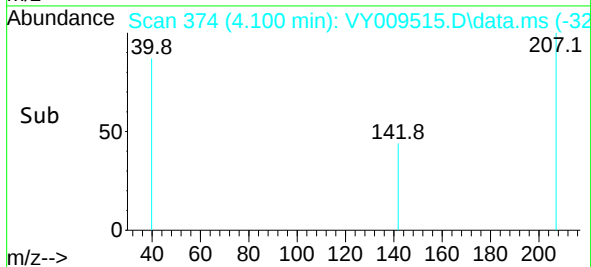
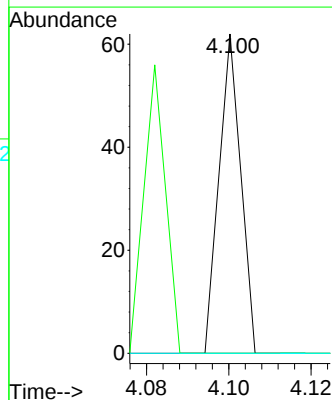
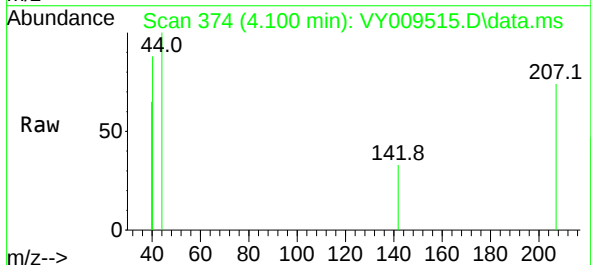


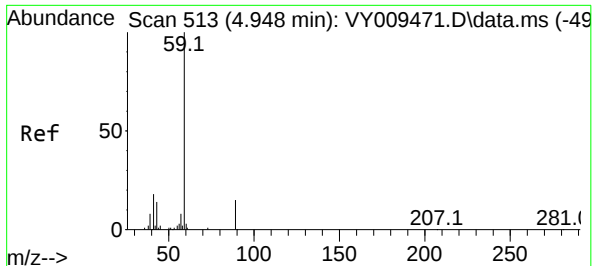
Tgt Ion:168 Resp: 80216
Ion Ratio Lower Upper
168 100
99 48.1 46.9 70.3



#10
Methyl Iodide
Concen: 4.184 ug/l
RT: 4.100 min Scan# 374
Delta R.T. 0.024 min
Lab File: VY009515.D
Acq: 11 Jul 2022 17:04

Tgt Ion:142 Resp: 23
Ion Ratio Lower Upper
142 100
127 87.0 41.5 62.3#
141 0.0 11.9 17.9#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.948 min Scan# 51

Delta R.T. -0.000 min

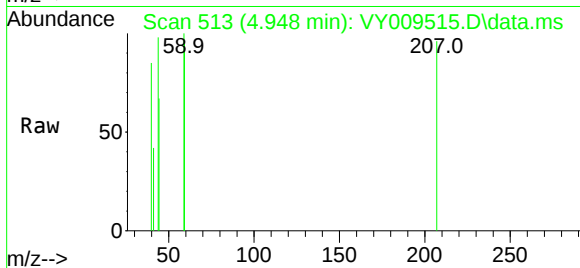
Lab File: VY009515.D

Acq: 11 Jul 2022 17:04

Instrument :

MSVOA_Y

ClientSampleId :

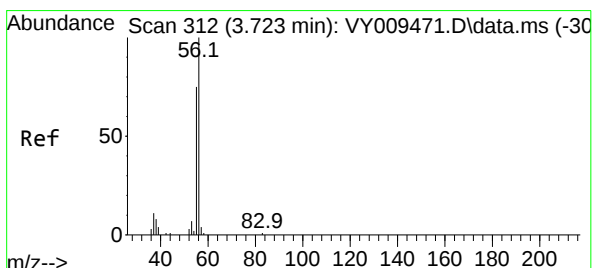
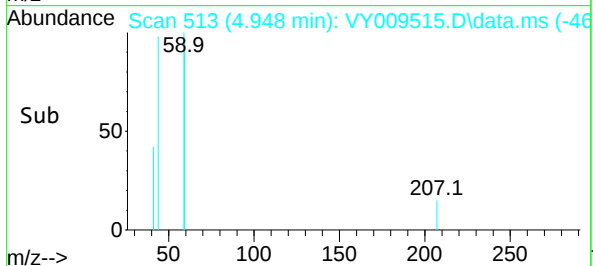
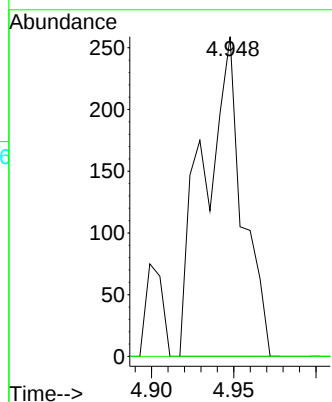


Tgt Ion: 59 Resp: 427

Ion Ratio Lower Upper

59 100

57 0.0 6.4 9.6#



#13

Acrolein

Concen: 31.096 ug/l

RT: 3.735 min Scan# 314

Delta R.T. 0.012 min

Lab File: VY009515.D

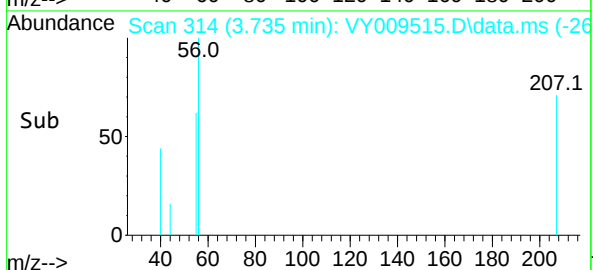
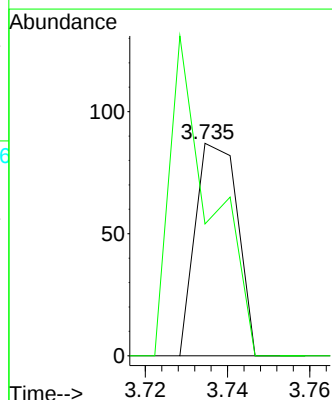
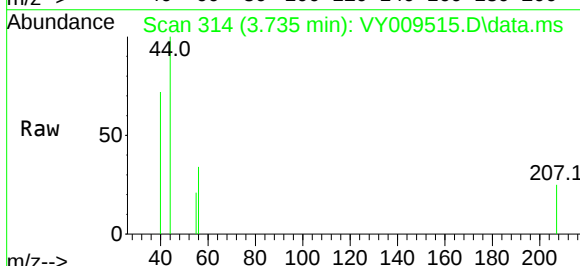
Acq: 11 Jul 2022 17:04

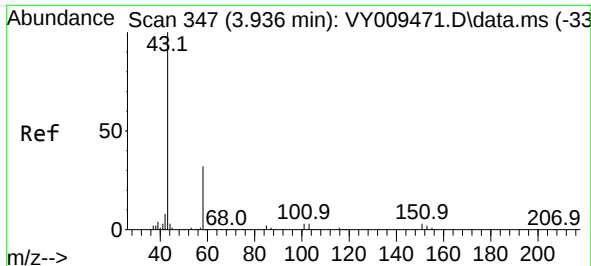
Tgt Ion: 56 Resp: 62

Ion Ratio Lower Upper

56 100

55 146.8 57.6 86.4#

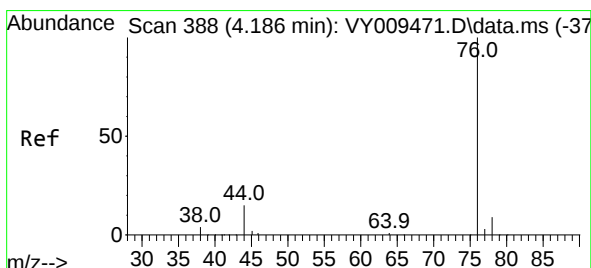
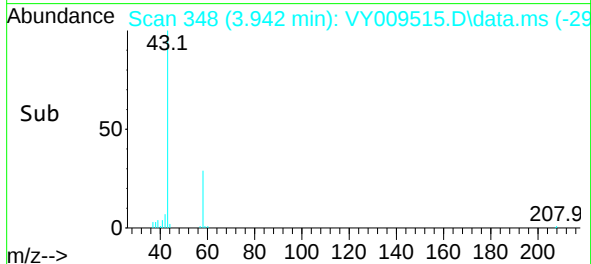
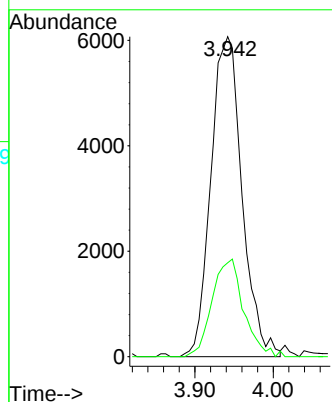
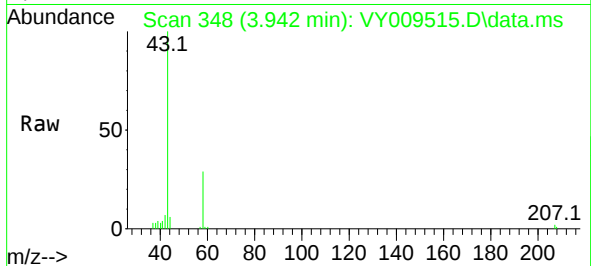




#16
Acetone
Concen: 86.001 ug/l
RT: 3.942 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY009515.D
Acq: 11 Jul 2022 17:04

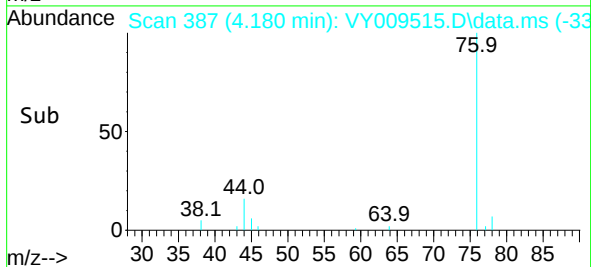
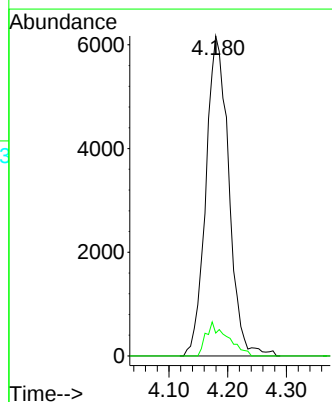
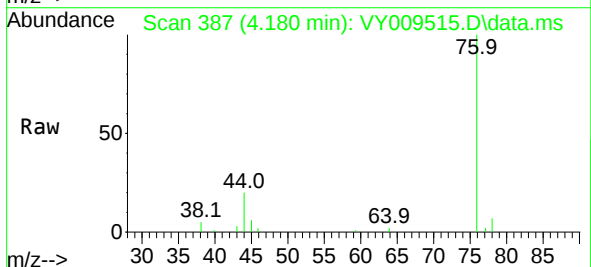
Instrument :
MSVOA_Y
ClientSampleId :

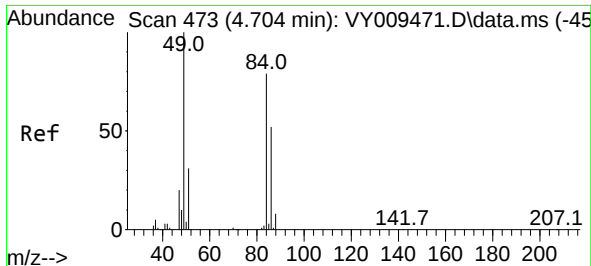
Tgt Ion: 43 Resp: 16782
Ion Ratio Lower Upper
43 100
58 29.4 22.0 33.0



#17
Carbon Disulfide
Concen: 11.396 ug/l
RT: 4.180 min Scan# 387
Delta R.T. -0.006 min
Lab File: VY009515.D
Acq: 11 Jul 2022 17:04

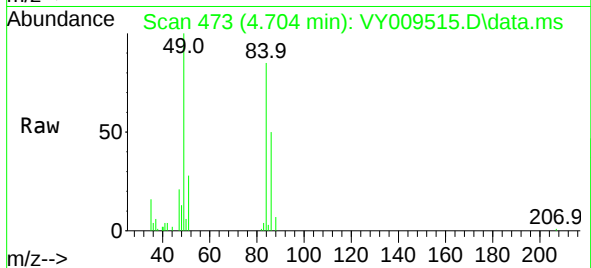
Tgt Ion: 76 Resp: 16684
Ion Ratio Lower Upper
76 100
78 7.2 7.4 11.0#



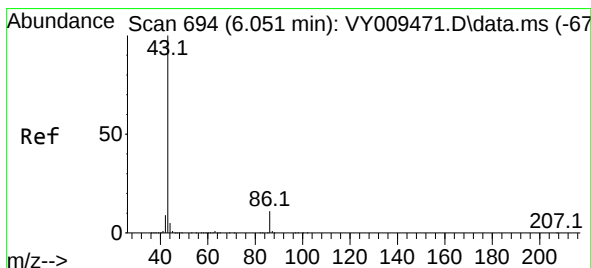
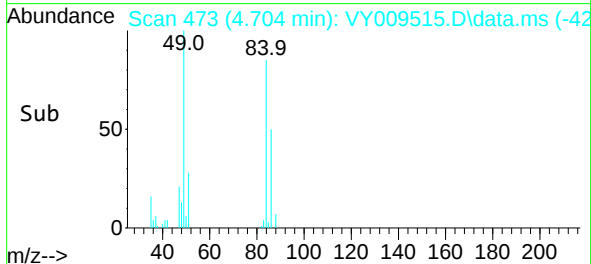
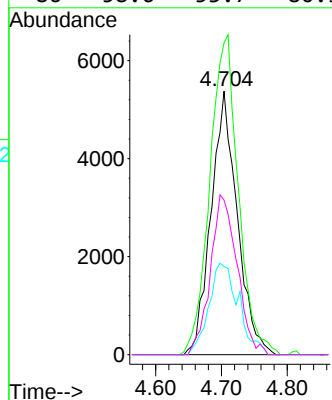


#20
Methylene Chloride
Concen: 12.601 ug/l
RT: 4.704 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY009515.D
Acq: 11 Jul 2022 17:04

Instrument :
MSVOA_Y
ClientSampleId :

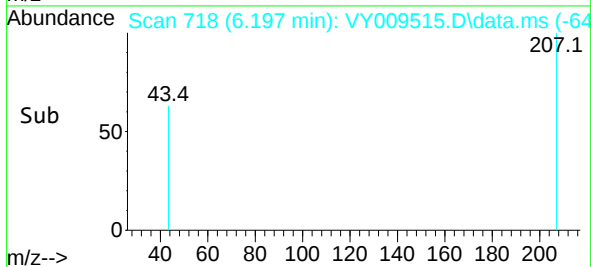
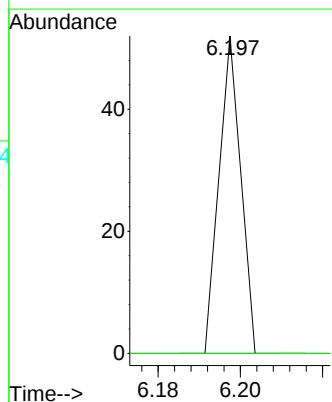
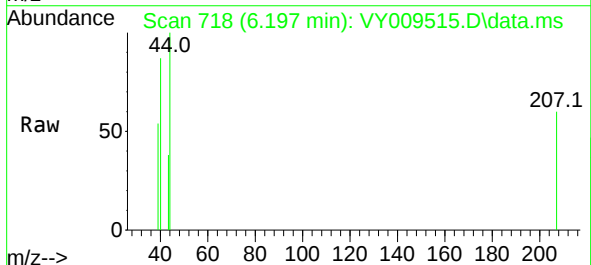


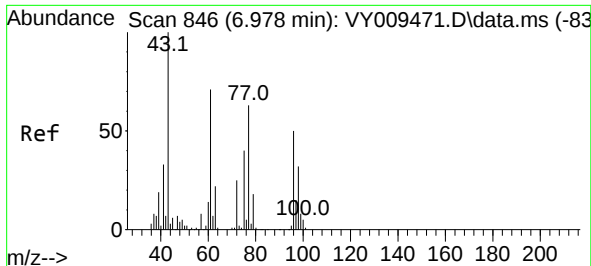
Tgt Ion: 84 Resp: 14909
Ion Ratio Lower Upper
84 100
49 118.3 114.4 171.6
51 33.5 35.3 52.9#
86 58.6 53.7 80.5



#23
Vinyl Acetate
Concen: Below Cal
RT: 6.197 min Scan# 718
Delta R.T. 0.146 min
Lab File: VY009515.D
Acq: 11 Jul 2022 17:04

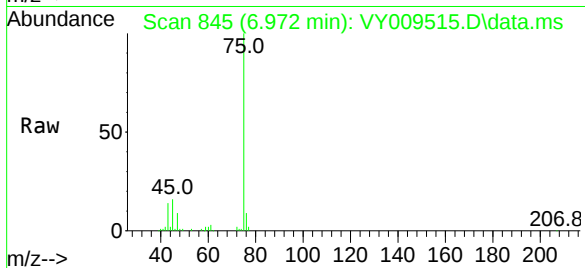
Tgt Ion: 43 Resp: 19
Ion Ratio Lower Upper
43 100
86 0.0 7.1 10.7#



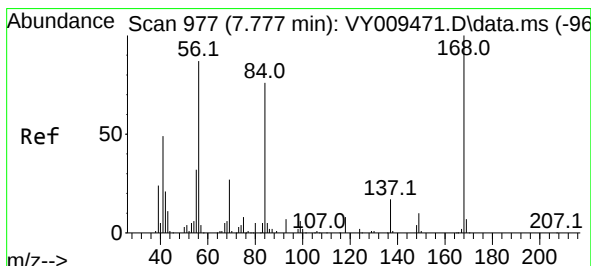
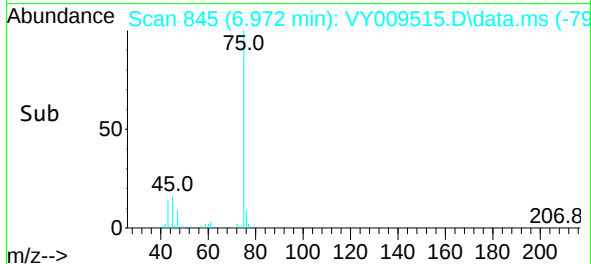
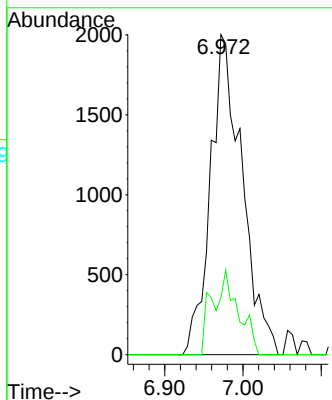


#25
2-Butanone
Concen: 17.791 ug/l
RT: 6.972 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY009515.D
Acq: 11 Jul 2022 17:04

Instrument :
MSVOA_Y
ClientSampleId :

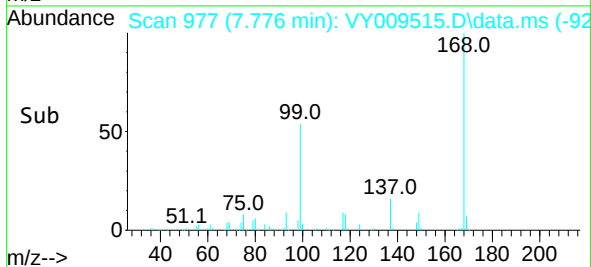
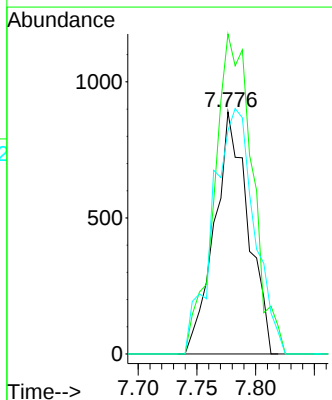
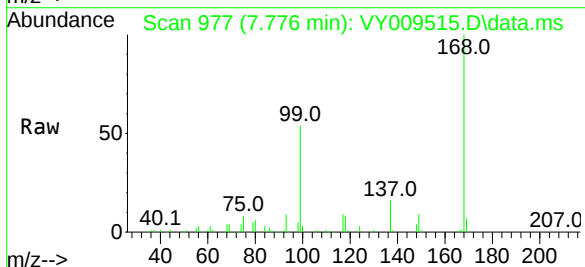


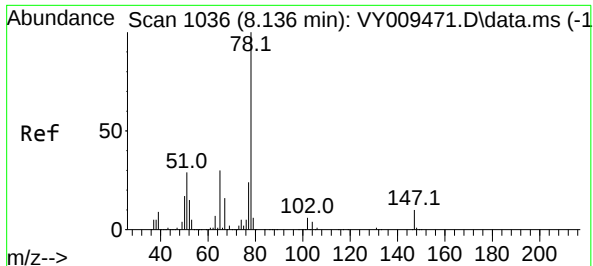
Tgt Ion: 43 Resp: 5616
Ion Ratio Lower Upper
43 100
72 17.8 17.7 26.5



#31
Cyclohexane
Concen: 1.342 ug/l
RT: 7.776 min Scan# 977
Delta R.T. -0.001 min
Lab File: VY009515.D
Acq: 11 Jul 2022 17:04

Tgt Ion: 56 Resp: 1766
Ion Ratio Lower Upper
56 100
69 132.1 26.7 40.1#
84 92.2 67.2 100.8





#33

1,2-Dichloroethane-d4

Concen: 57.174 ug/l

RT: 8.130 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VY009515.D

Acq: 11 Jul 2022 17:04

Instrument :

MSVOA_Y

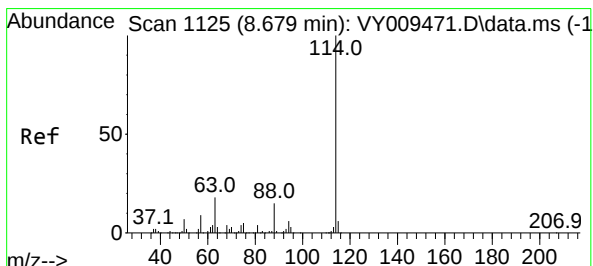
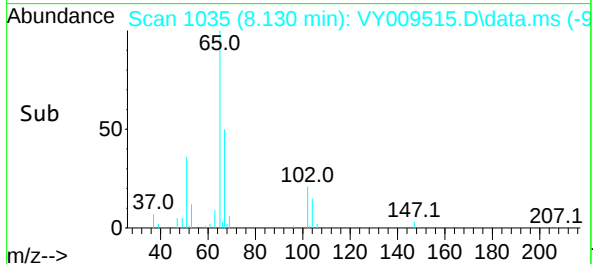
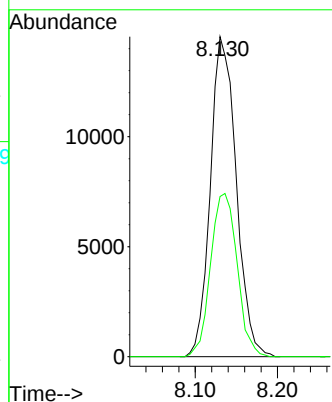
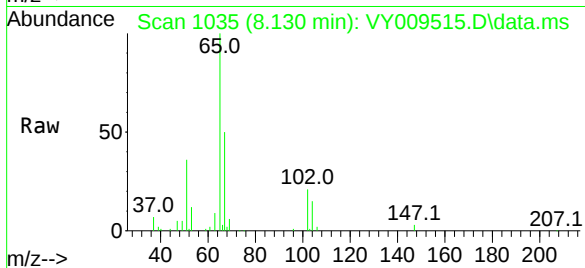
ClientSampleId :

Tgt Ion: 65 Resp: 31781

Ion Ratio Lower Upper

65 100

67 52.4 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VY009515.D

Acq: 11 Jul 2022 17:04

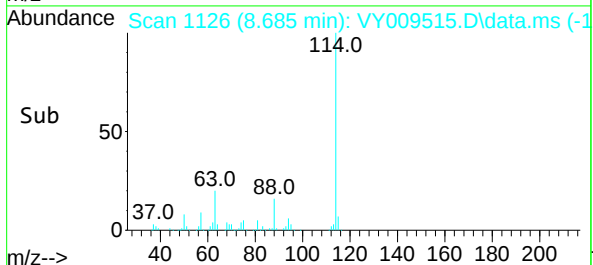
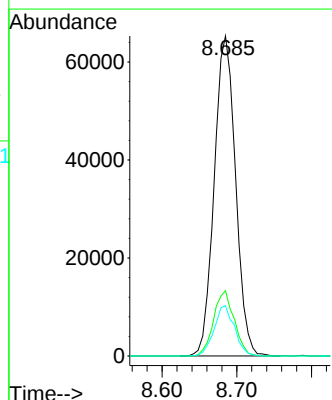
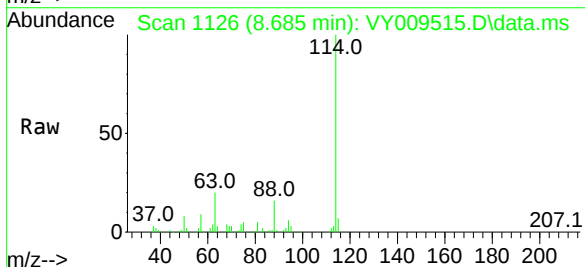
Tgt Ion: 114 Resp: 129451

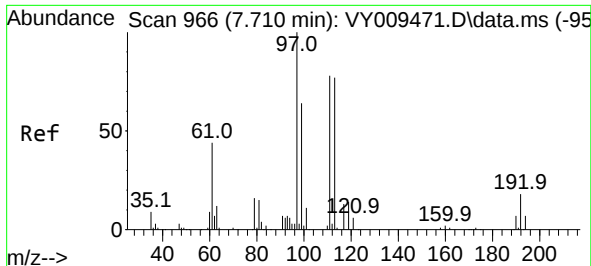
Ion Ratio Lower Upper

114 100

63 20.4 0.0 43.2

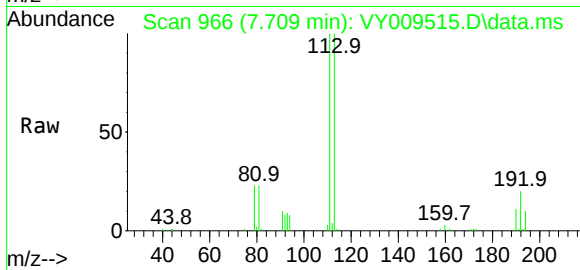
88 15.7 0.0 31.8



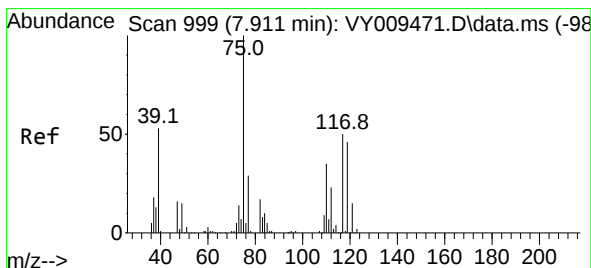
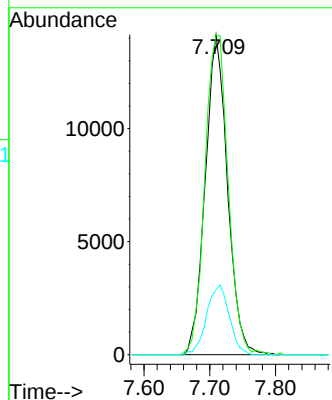
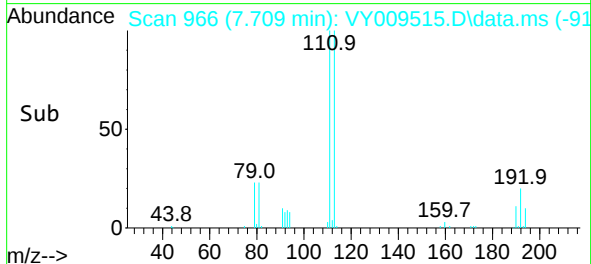


#35
Dibromofluoromethane
Concen: 48.850 ug/l
RT: 7.709 min Scan# 911
Delta R.T. -0.001 min
Lab File: VY009515.D
Acq: 11 Jul 2022 17:04

Instrument :
MSVOA_Y
ClientSampleId :

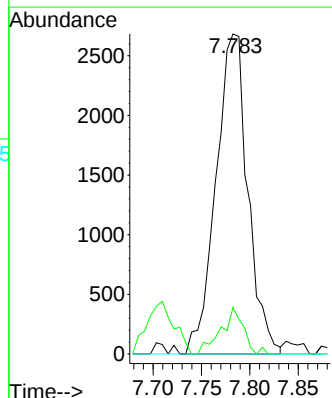
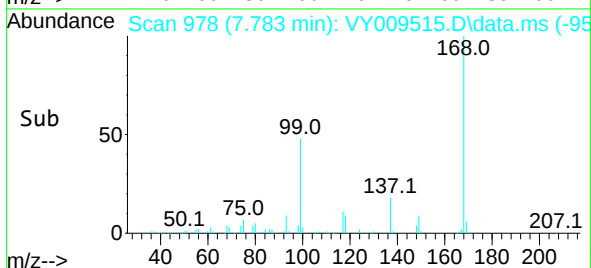
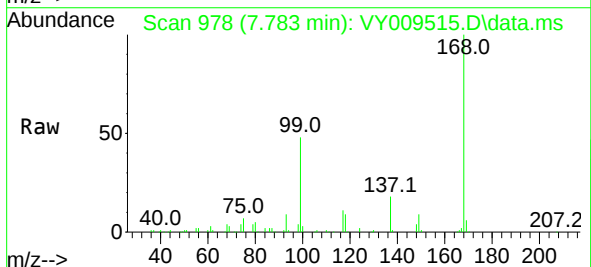


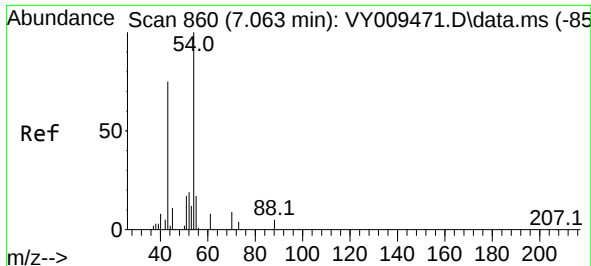
Tgt Ion:113 Resp: 33273
Ion Ratio Lower Upper
113 100
111 104.8 82.6 124.0
192 22.2 17.6 26.4



#36
1,1-Dichloropropene
Concen: 5.545 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY009515.D
Acq: 11 Jul 2022 17:04

Tgt Ion: 75 Resp: 6149
Ion Ratio Lower Upper
75 100
110 10.4 17.1 51.2#
77 0.0 24.4 36.6#





#37

Ethyl Acetate

Concen: 8.079 ug/l

RT: 6.972 min Scan# 84

Delta R.T. -0.091 min

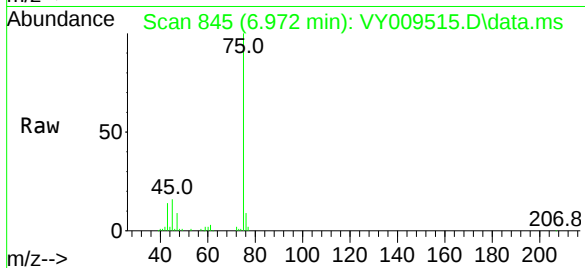
Lab File: VY009515.D

Acq: 11 Jul 2022 17:04

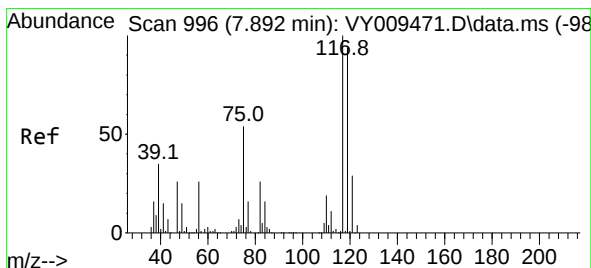
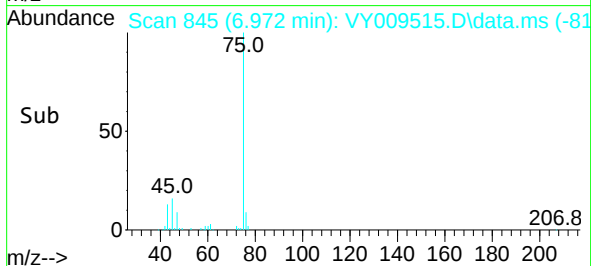
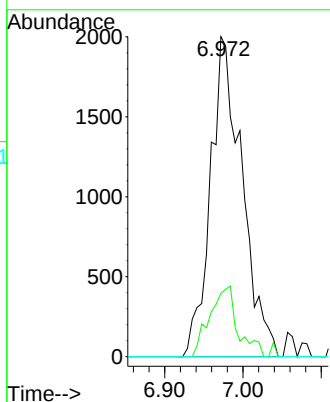
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	43	Resp:	5616
Ion	Ratio	Lower	Upper
43	100		
61	19.6	9.7	14.5#
70	0.0	7.1	10.7#



#38

Carbon Tetrachloride

Concen: 6.055 ug/l

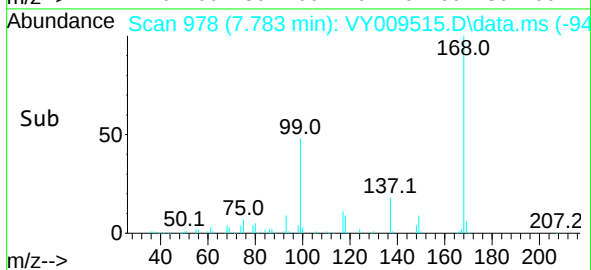
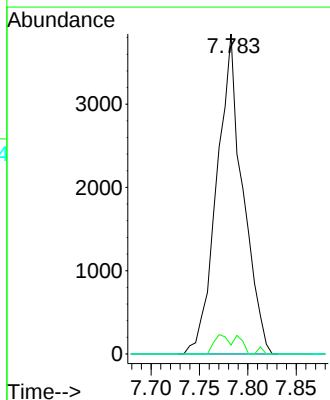
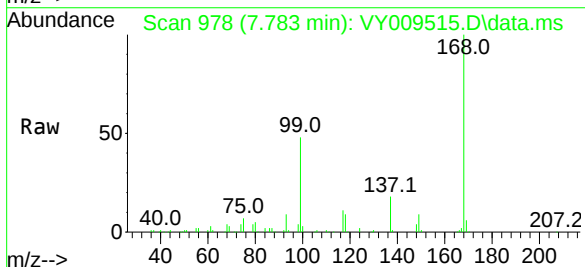
RT: 7.783 min Scan# 978

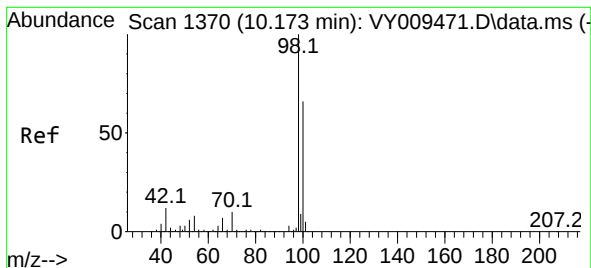
Delta R.T. -0.109 min

Lab File: VY009515.D

Acq: 11 Jul 2022 17:04

Tgt Ion:	117	Resp:	7181
Ion	Ratio	Lower	Upper
117	100		
119	2.8	77.9	116.9#
121	0.0	24.8	37.2#

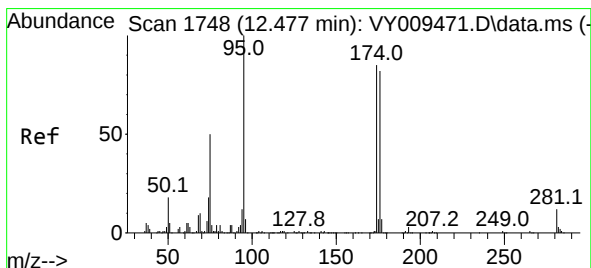
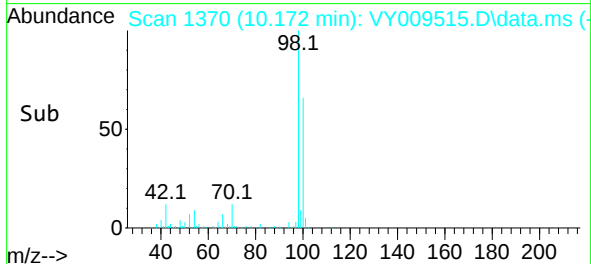
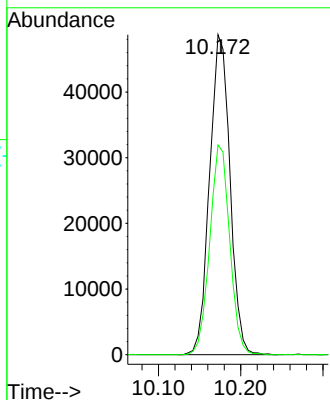
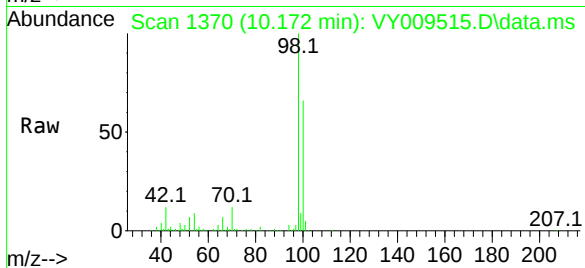




#50
Toluene-d8
Concen: 43.873 ug/l
RT: 10.172 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY009515.D
Acq: 11 Jul 2022 17:04

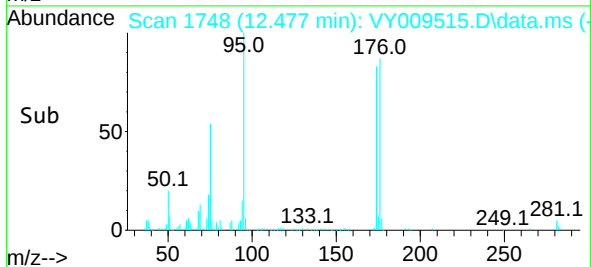
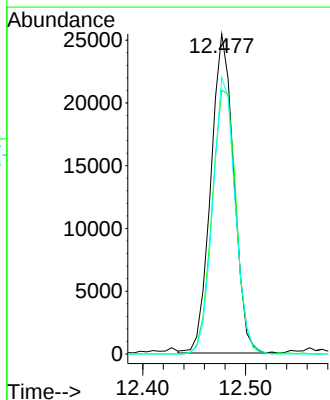
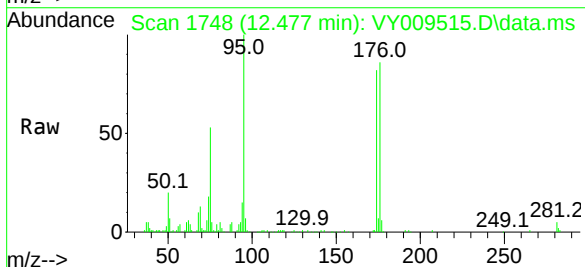
Instrument :
MSVOA_Y
ClientSampleId :

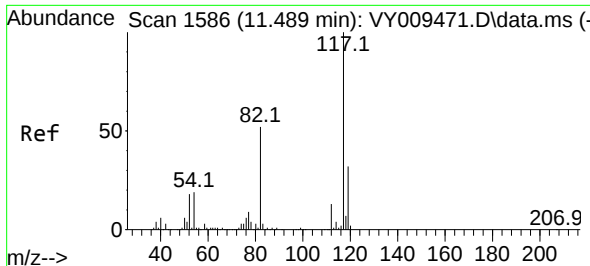
Tgt Ion: 98 Resp: 83792
Ion Ratio Lower Upper
98 100
100 64.3 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 41.008 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY009515.D
Acq: 11 Jul 2022 17:04

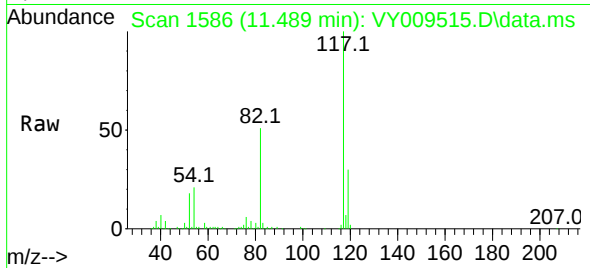
Tgt Ion: 95 Resp: 39428
Ion Ratio Lower Upper
95 100
174 86.4 0.0 177.0
176 84.7 0.0 175.8



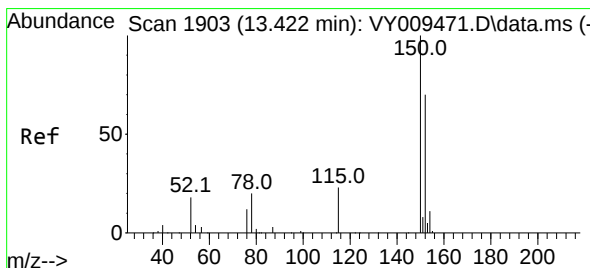
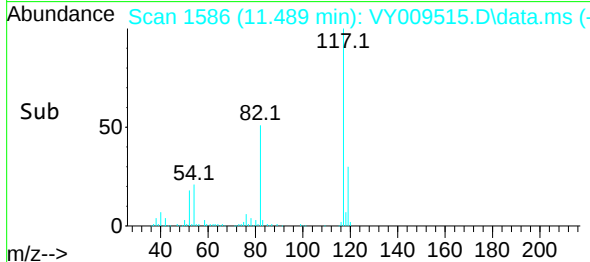
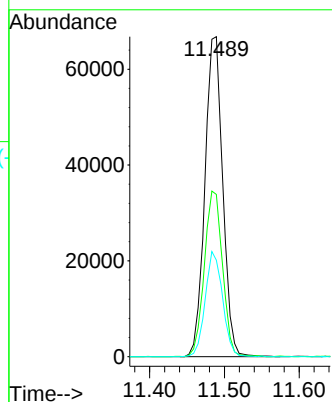


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009515.D
Acq: 11 Jul 2022 17:04

Instrument :
MSVOA_Y
ClientSampleId :

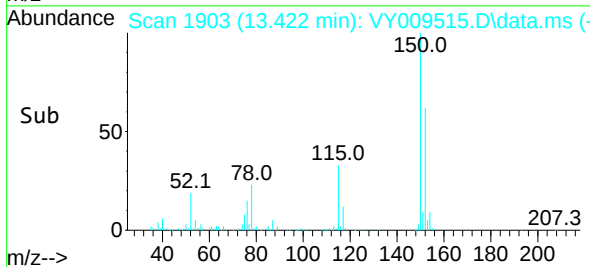
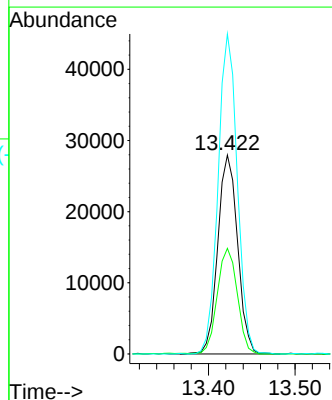
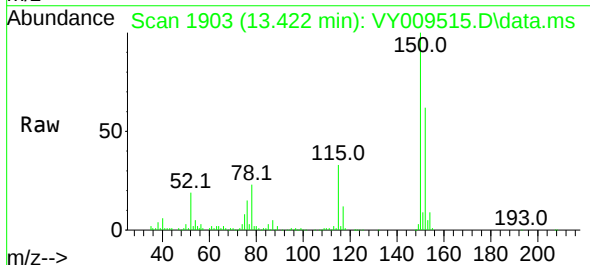


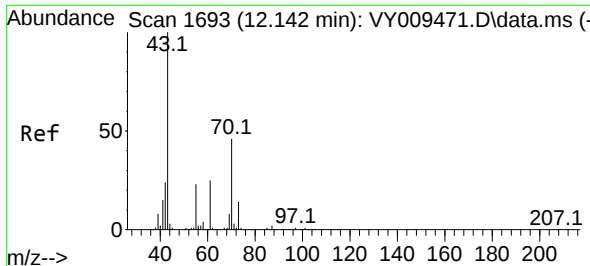
Tgt Ion:117 Resp: 110599
Ion Ratio Lower Upper
117 100
82 50.6 43.0 64.4
119 30.1 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY009515.D
Acq: 11 Jul 2022 17:04

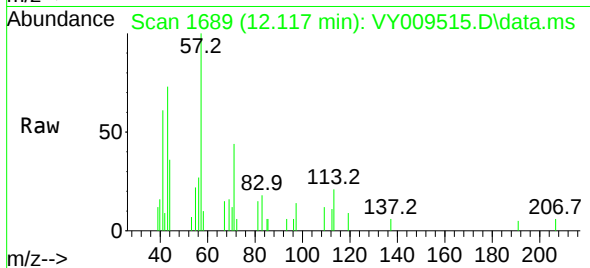
Tgt Ion:152 Resp: 44328
Ion Ratio Lower Upper
152 100
115 53.7 28.2 84.7
150 156.3 0.0 347.6



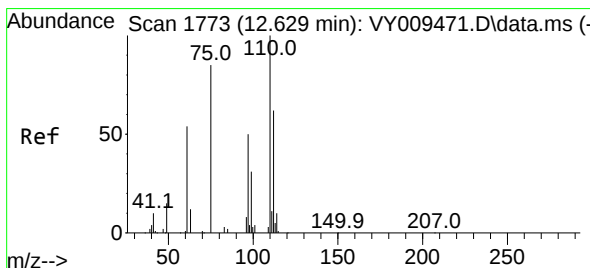
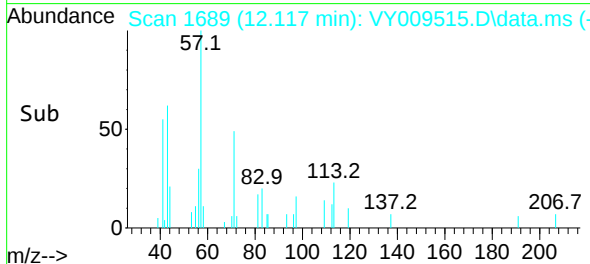
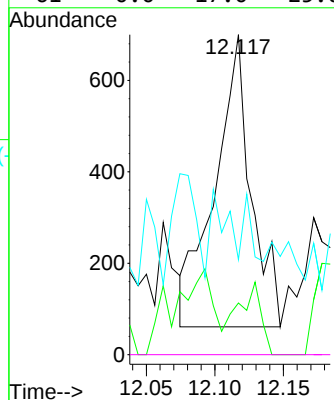


#74
N-amy1 acetate
Concen: 1.363 ug/l
RT: 12.117 min Scan# 1748
Delta R.T. -0.025 min
Lab File: VY009515.D
Acq: 11 Jul 2022 17:04

Instrument :
MSVOA_Y
ClientSampleId :

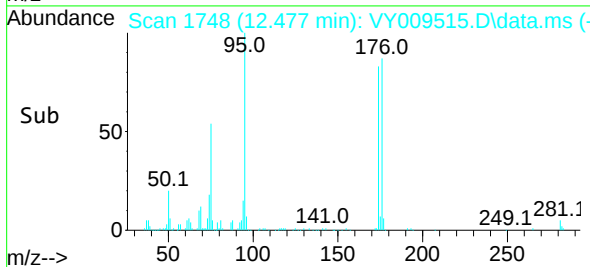
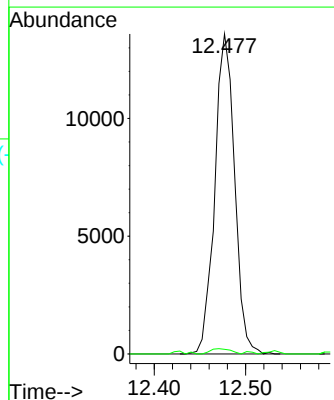
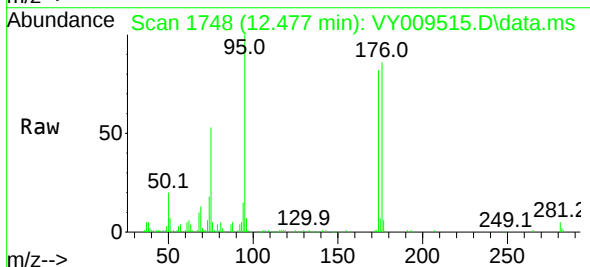


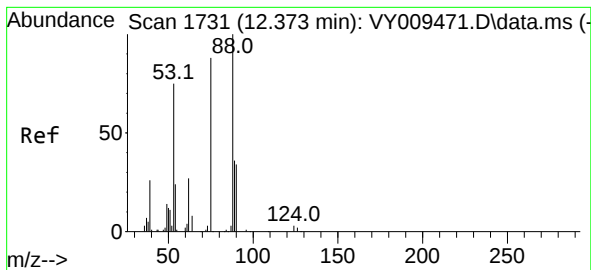
Tgt Ion: 43 Resp: 1176
Ion Ratio Lower Upper
43 100
70 16.3 28.7 43.1#
55 0.0 17.3 25.9#
61 0.0 17.0 25.6#



#76
1,2,3-Trichloropropane
Concen: 43.636 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY009515.D
Acq: 11 Jul 2022 17:04

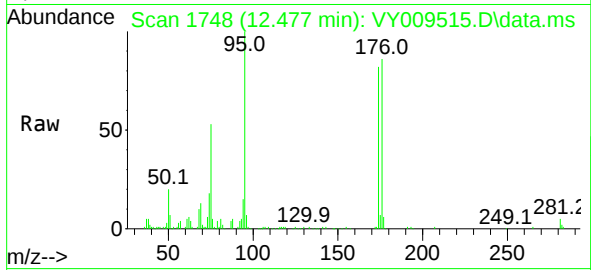
Tgt Ion: 75 Resp: 20476
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 89.307 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY009515.D
 Acq: 11 Jul 2022 17:04

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
53	1.7	85.3	127.9#
89	0.0	37.0	55.4#

