

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071122\
 Data File : VY009510.D
 Acq On : 11 Jul 2022 15:10
 Operator : KP/MD
 Sample : N3589-01RE
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jul 12 05:03:19 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)

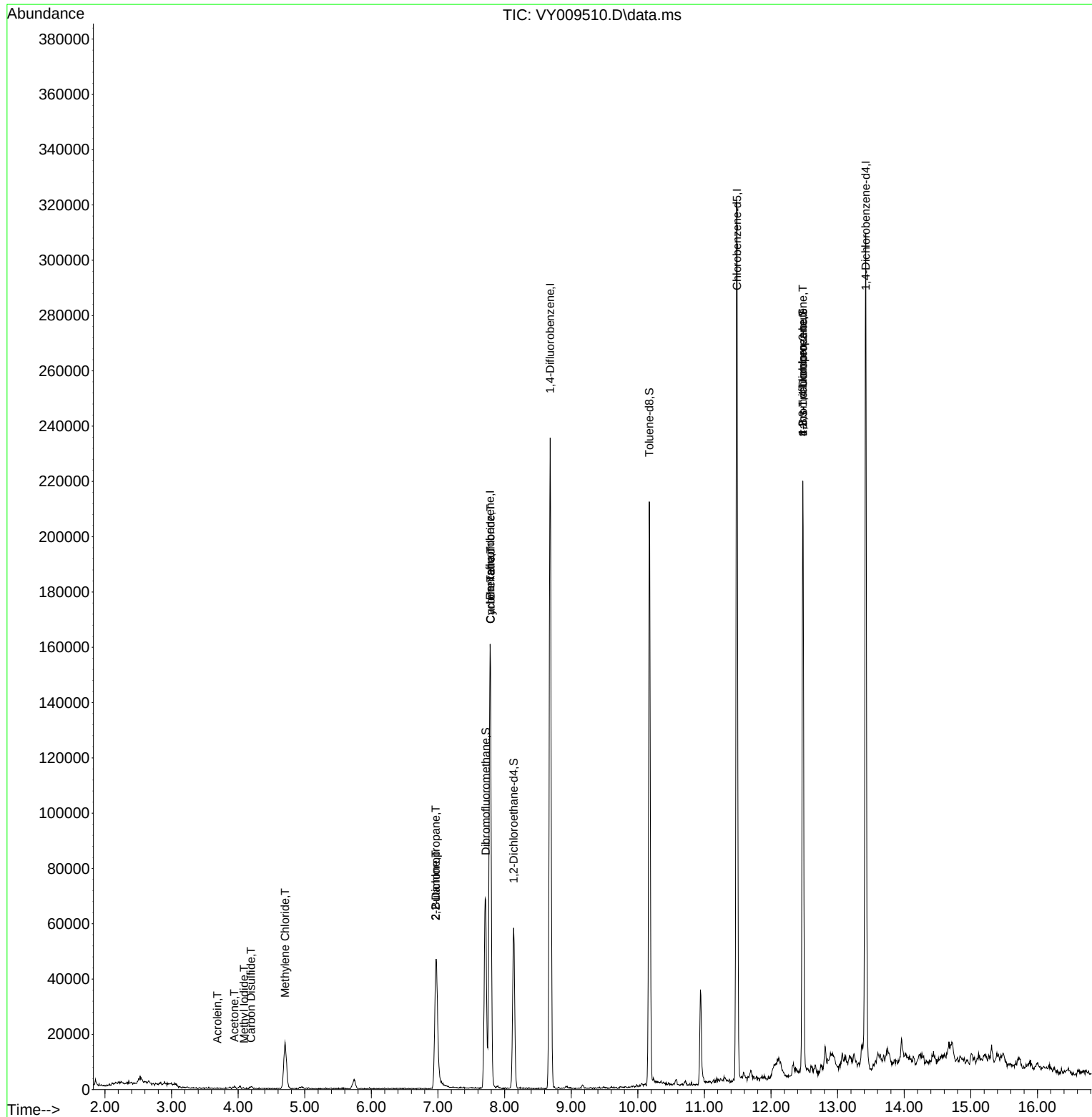
Internal Standards						
1) Pentafluorobenzene	7.783	168	128322	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	199437	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	174567	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	74005	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	44270	48.823	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.640%
35) Dibromofluoromethane	7.716	113	48187	45.920	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.840%
50) Toluene-d8	10.173	98	132851	45.433	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	90.860%
62) 4-Bromofluorobenzene	12.477	95	61726	41.671	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	83.340%
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.088	142	261	4.319	ug/l #	69
11) Tert butyl alcohol	4.923	59	466	Below Cal	#	77
13) Acrolein	3.686	56	21	30.419	ug/l #	14
16) Acetone	3.942	43	1158	3.710	ug/l	90
17) Carbon Disulfide	4.192	76	210	4.476	ug/l #	75
20) Methylene Chloride	4.704	84	11702	3.524	ug/l	89
23) Vinyl Acetate	5.996	43	22	Below Cal	#	75
25) 2-Butanone	6.966	43	3018	5.976	ug/l #	89
26) 2,2-Dichloropropane	6.966	77	3726	1.746	ug/l #	55
31) Cyclohexane	7.789	56	2993	1.422	ug/l #	1
38) Carbon Tetrachloride	7.789	117	12286	6.724	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	31764	40.546	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	31764	82.984	ug/l #	8

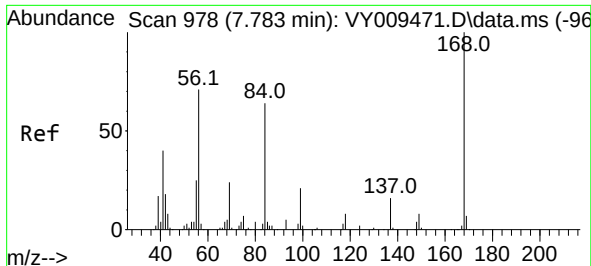
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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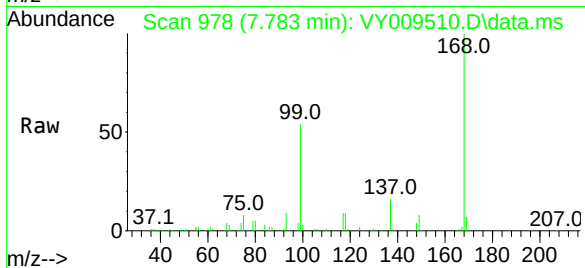
Quant Time: Jul 12 05:03:19 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070722S.M
Quant Title : SW846 8260
QLast Update : Fri Jul 08 11:00:56 2022
Response via : Initial Calibration



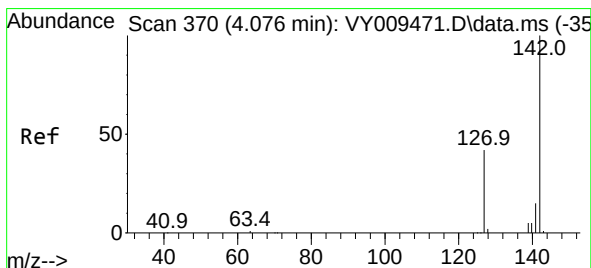
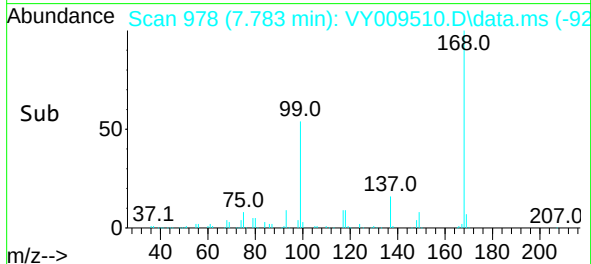
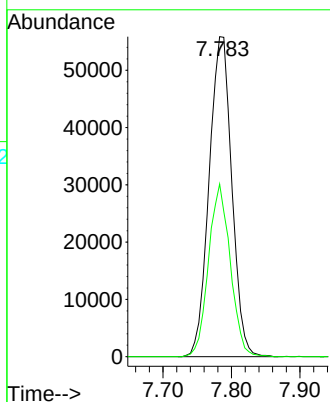


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009510.D
Acq: 11 Jul 2022 15:10

Instrument :
MSVOA_Y
ClientSampleId :

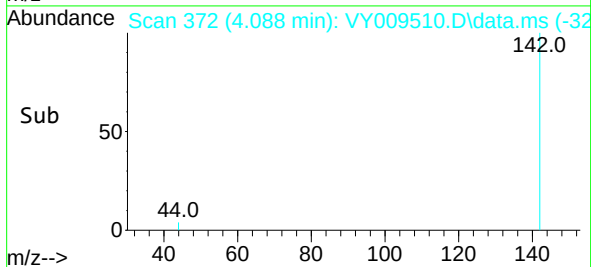
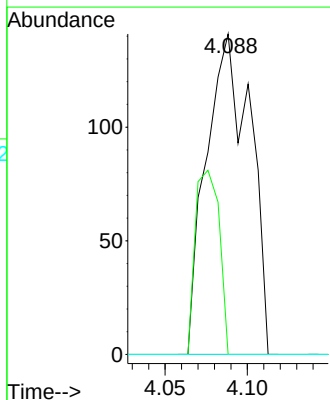
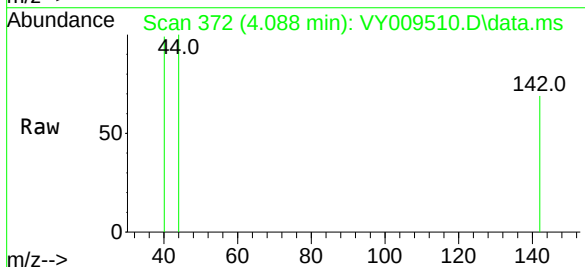


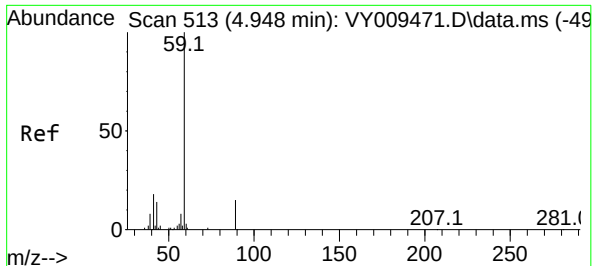
Tgt Ion:168 Resp: 128322
Ion Ratio Lower Upper
168 100
99 54.0 46.9 70.3



#10
Methyl Iodide
Concen: 4.319 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.012 min
Lab File: VY009510.D
Acq: 11 Jul 2022 15:10

Tgt Ion:142 Resp: 261
Ion Ratio Lower Upper
142 100
127 31.4 41.5 62.3#
141 0.0 11.9 17.9#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.923 min Scan# 509

Delta R.T. -0.025 min

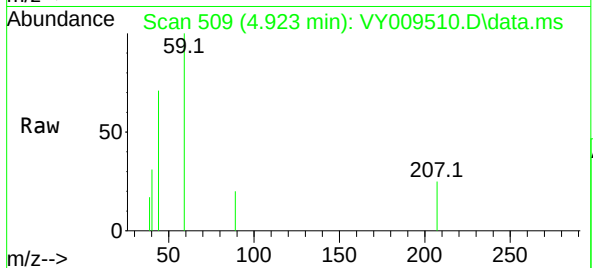
Lab File: VY009510.D

Acq: 11 Jul 2022 15:10

Instrument :

MSVOA_Y

ClientSampleId :

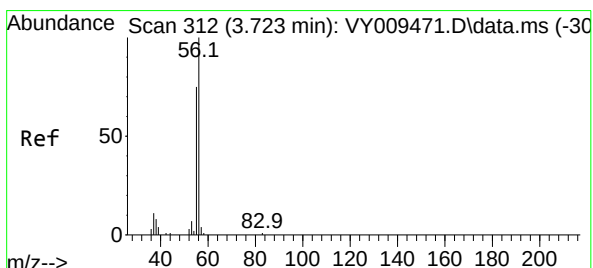
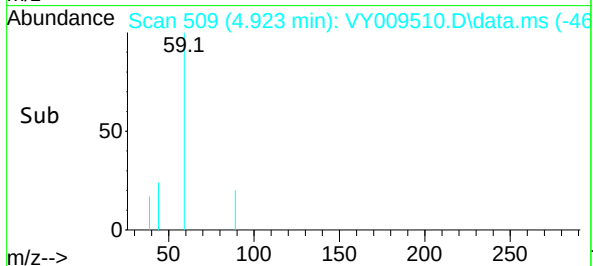
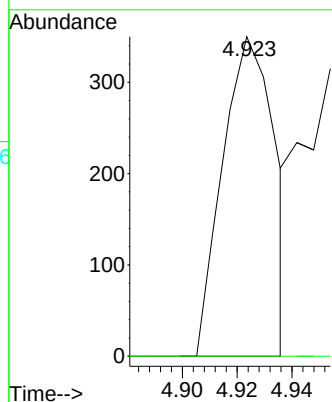


Tgt Ion: 59 Resp: 466

Ion Ratio Lower Upper

59 100

57 0.0 6.4 9.6#



#13

Acrolein

Concen: 30.419 ug/l

RT: 3.686 min Scan# 306

Delta R.T. -0.037 min

Lab File: VY009510.D

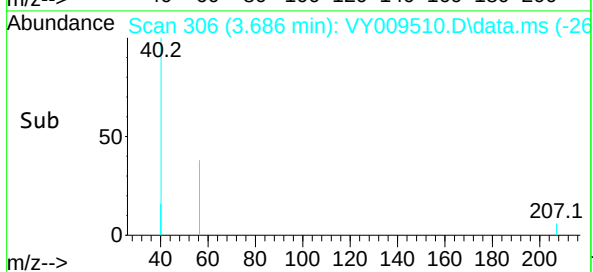
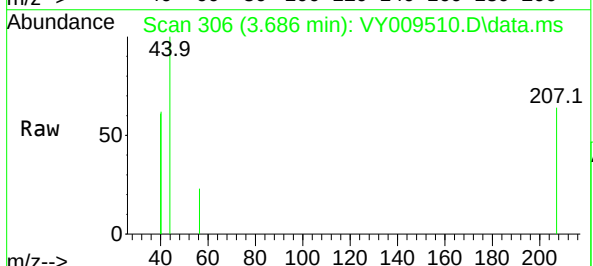
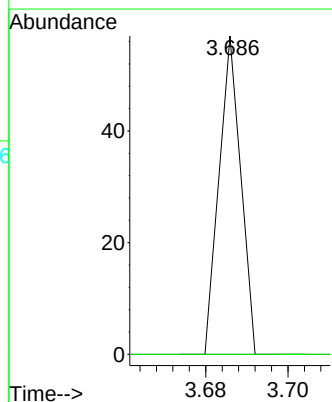
Acq: 11 Jul 2022 15:10

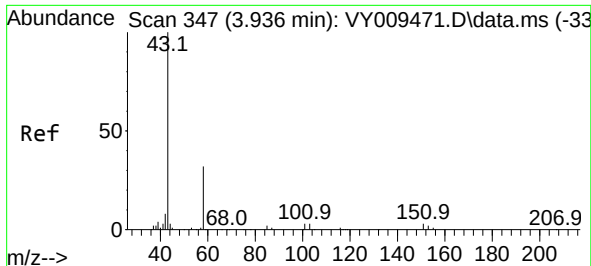
Tgt Ion: 56 Resp: 21

Ion Ratio Lower Upper

56 100

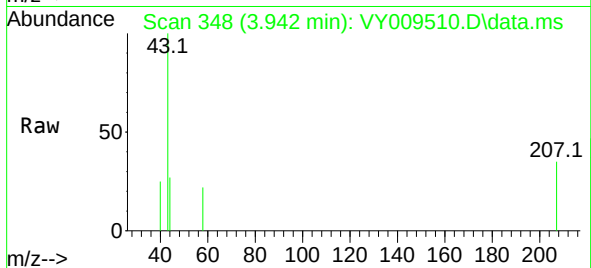
55 0.0 57.6 86.4#



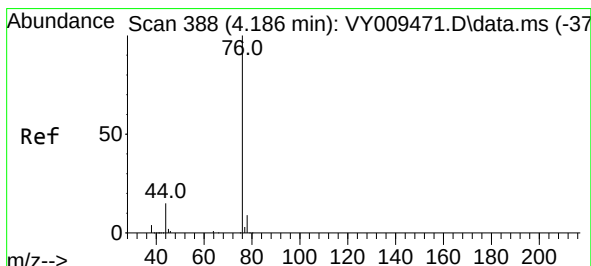
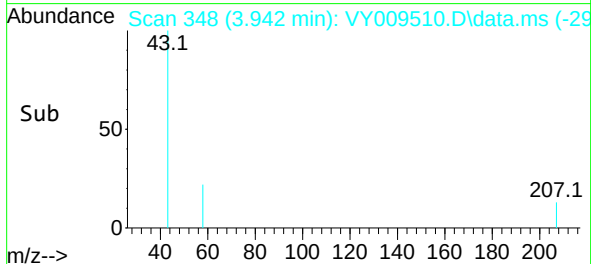
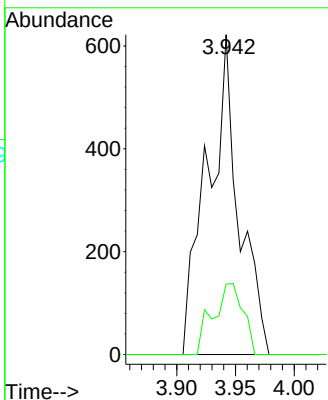


#16
Acetone
Concen: 3.710 ug/l
RT: 3.942 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY009510.D
Acq: 11 Jul 2022 15:10

Instrument :
MSVOA_Y
ClientSampleId :

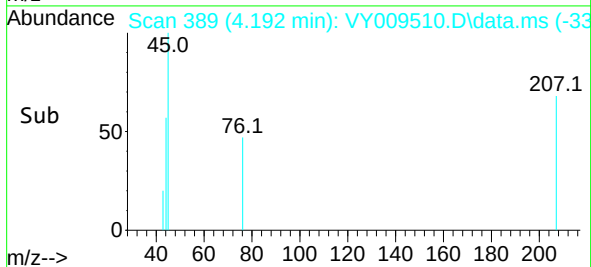
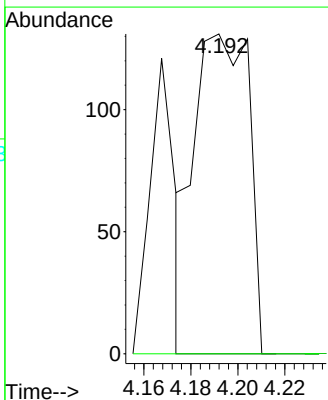
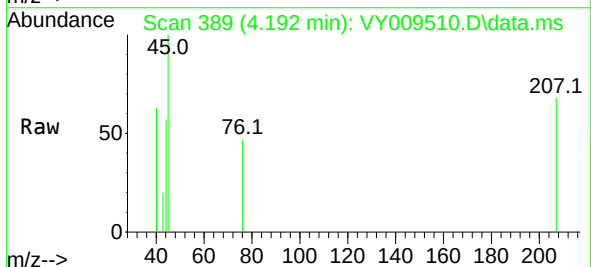


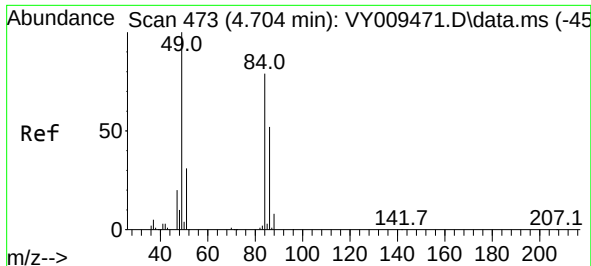
Tgt Ion: 43 Resp: 1158
Ion Ratio Lower Upper
43 100
58 22.0 22.0 33.0



#17
Carbon Disulfide
Concen: 4.476 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.006 min
Lab File: VY009510.D
Acq: 11 Jul 2022 15:10

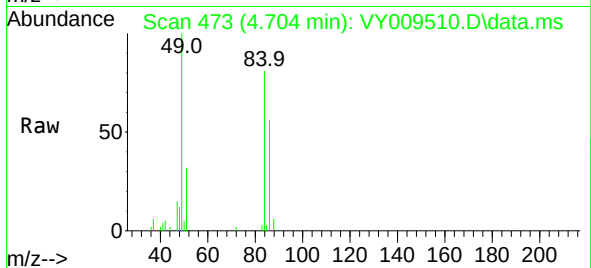
Tgt Ion: 76 Resp: 210
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#



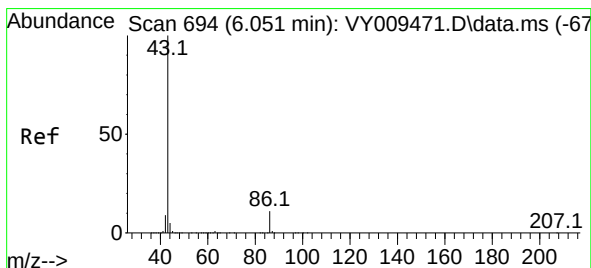
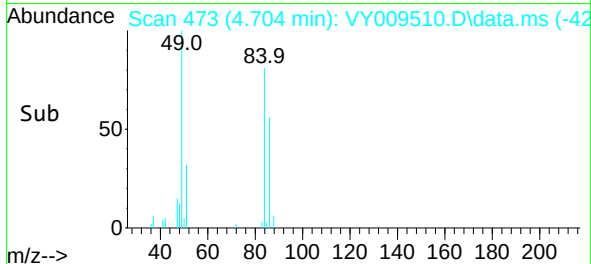
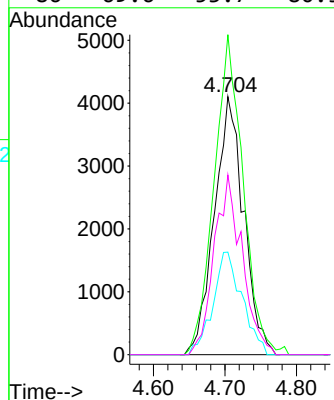


#20
Methylene Chloride
Concen: 3.524 ug/l
RT: 4.704 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY009510.D
Acq: 11 Jul 2022 15:10

Instrument :
MSVOA_Y
ClientSampleId :

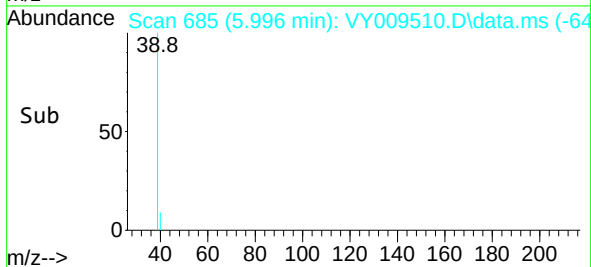
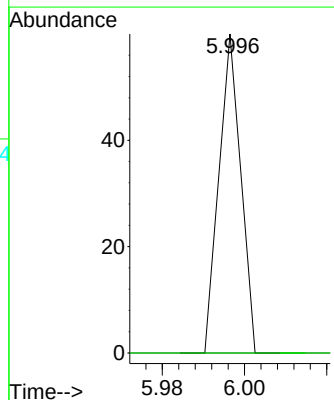
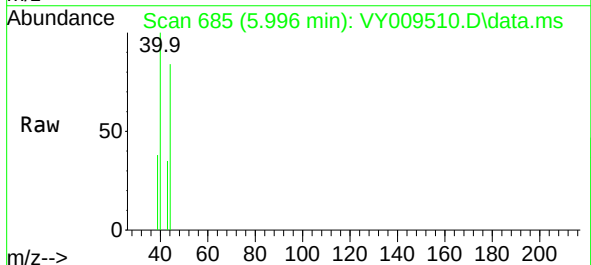


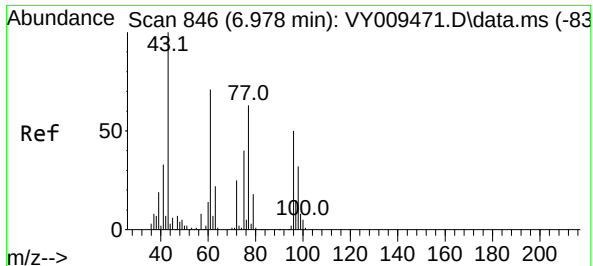
Tgt Ion:	84	Resp:	11702
Ion	Ratio	Lower	Upper
84	100		
49	124.0	114.4	171.6
51	39.7	35.3	52.9
86	69.6	53.7	80.5



#23
Vinyl Acetate
Concen: Below Cal
RT: 5.996 min Scan# 685
Delta R.T. -0.055 min
Lab File: VY009510.D
Acq: 11 Jul 2022 15:10

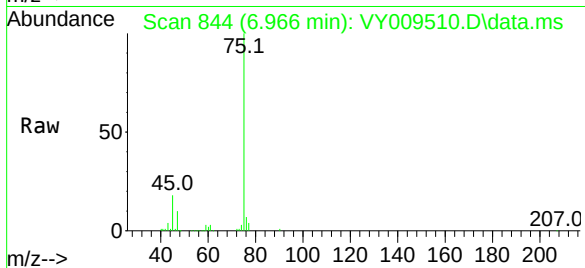
Tgt Ion:	43	Resp:	22
Ion	Ratio	Lower	Upper
43	100		
86	0.0	7.1	10.7#



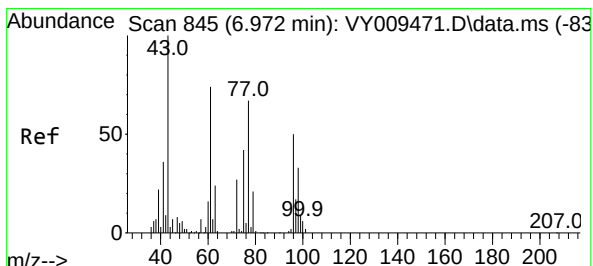
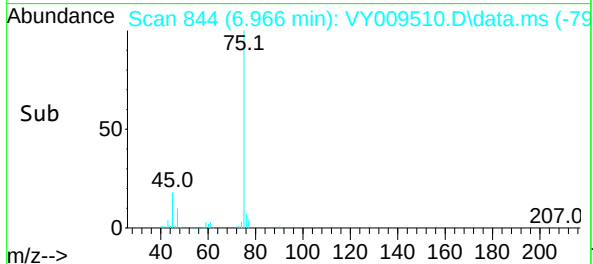
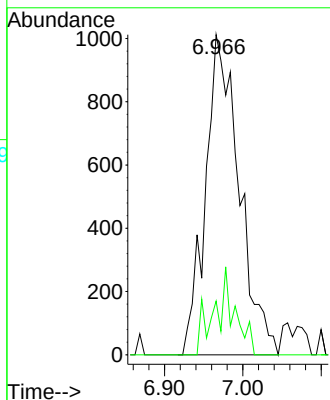


#25
2-Butanone
Concen: 5.976 ug/l
RT: 6.966 min Scan# 844
Delta R.T. -0.012 min
Lab File: VY009510.D
Acq: 11 Jul 2022 15:10

Instrument :
MSVOA_Y
ClientSampleId :

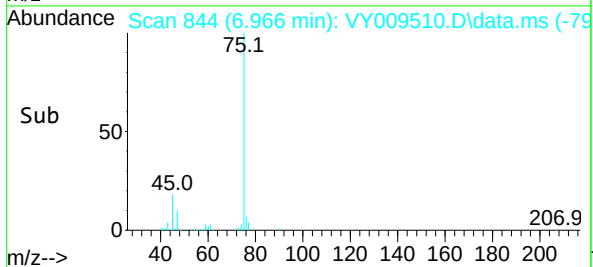
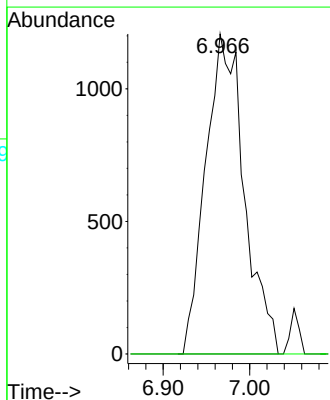
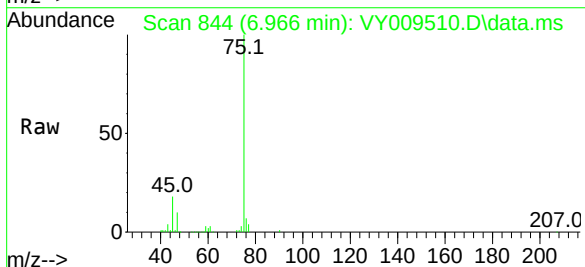


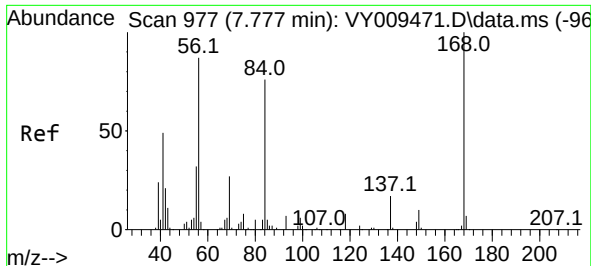
Tgt Ion: 43 Resp: 3018
Ion Ratio Lower Upper
43 100
72 16.8 17.7 26.5#



#26
2,2-Dichloropropane
Concen: 1.746 ug/l
RT: 6.966 min Scan# 844
Delta R.T. -0.006 min
Lab File: VY009510.D
Acq: 11 Jul 2022 15:10

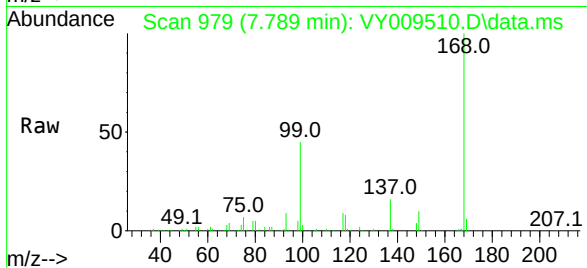
Tgt Ion: 77 Resp: 3726
Ion Ratio Lower Upper
77 100
97 0.0 10.4 31.4#



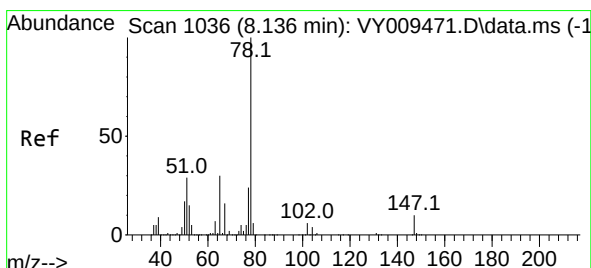
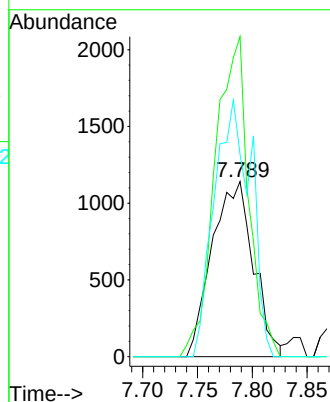
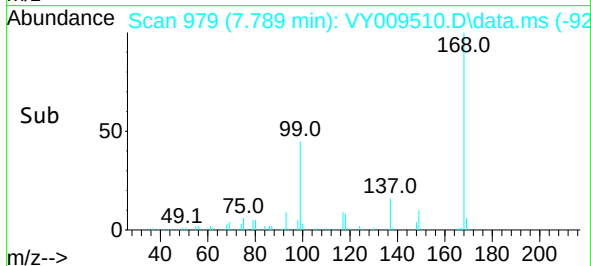


#31
Cyclohexane
Concen: 1.422 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY009510.D
Acq: 11 Jul 2022 15:10

Instrument :
MSVOA_Y
ClientSampleId :

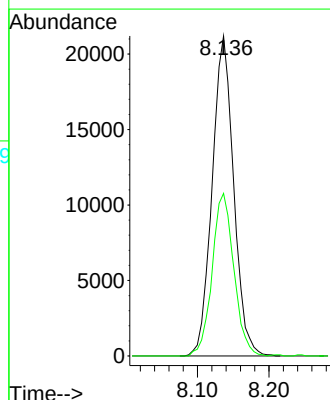
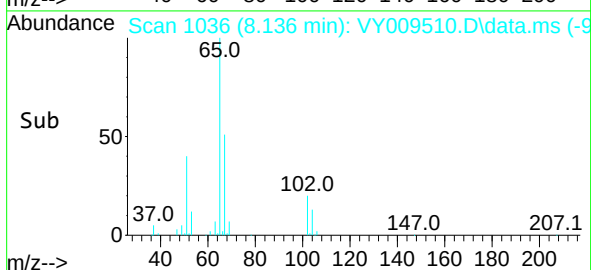
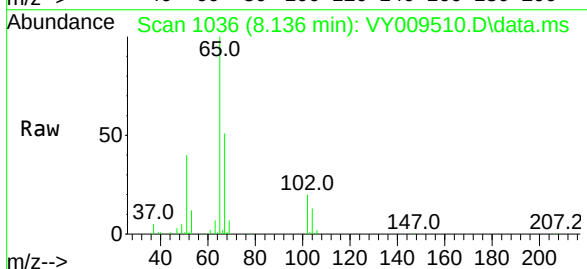


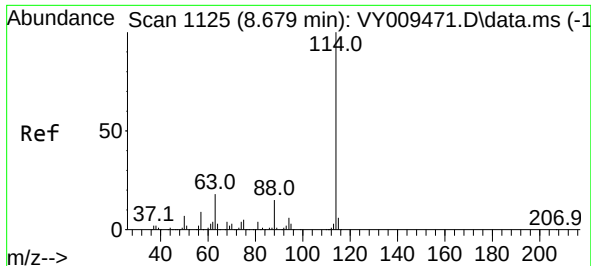
Tgt Ion: 56 Resp: 2993
Ion Ratio Lower Upper
56 100
69 182.7 26.7 40.1#
84 115.6 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 48.823 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY009510.D
Acq: 11 Jul 2022 15:10

Tgt Ion: 65 Resp: 44270
Ion Ratio Lower Upper
65 100
67 51.3 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1125

Delta R.T. 0.006 min

Lab File: VY009510.D

Acq: 11 Jul 2022 15:10

Instrument :

MSVOA_Y

ClientSampleId :

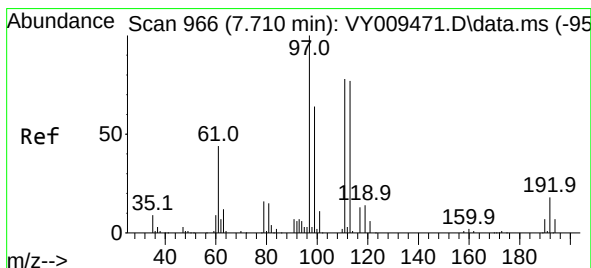
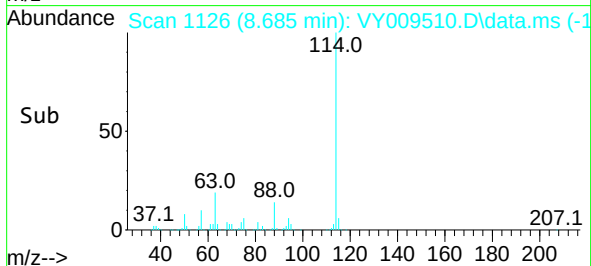
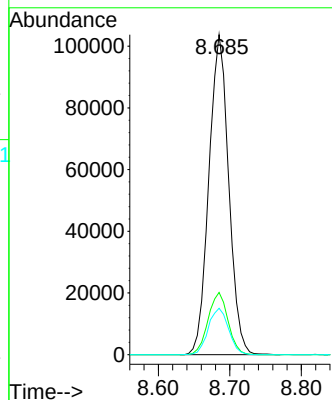
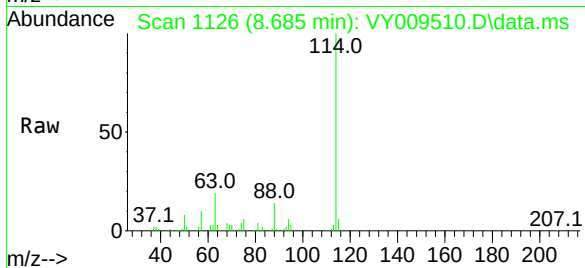
Tgt Ion:114 Resp: 199437

Ion Ratio Lower Upper

114 100

63 19.5 0.0 43.2

88 14.5 0.0 31.8



#35

Dibromofluoromethane

Concen: 45.920 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.006 min

Lab File: VY009510.D

Acq: 11 Jul 2022 15:10

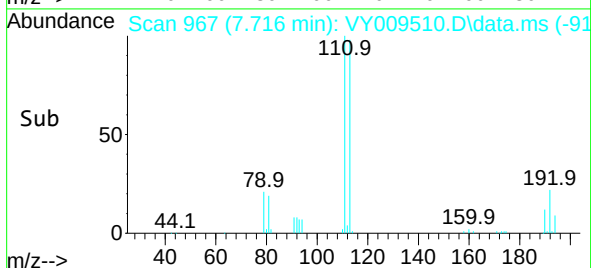
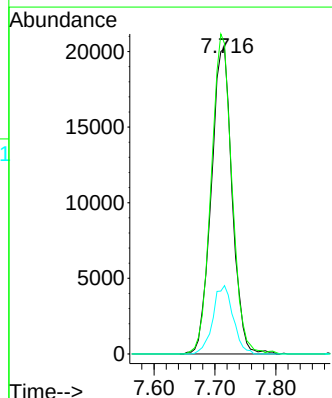
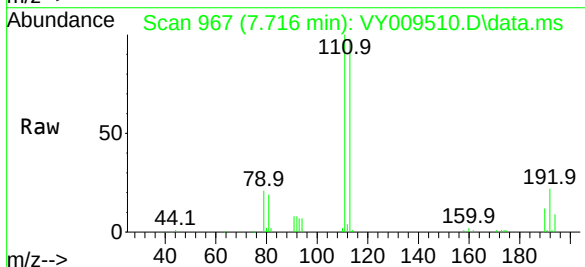
Tgt Ion:113 Resp: 48187

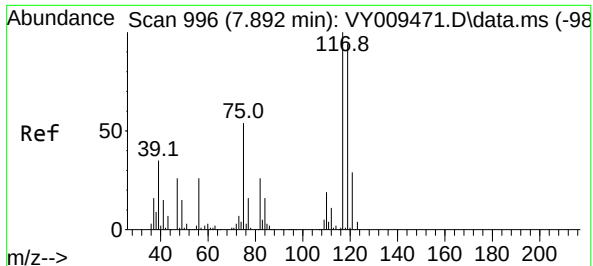
Ion Ratio Lower Upper

113 100

111 103.7 82.6 124.0

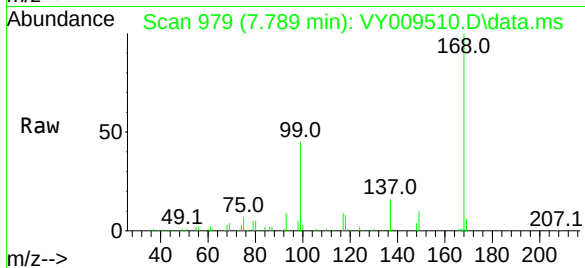
192 21.6 17.6 26.4



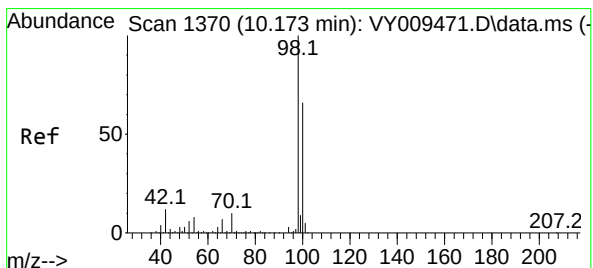
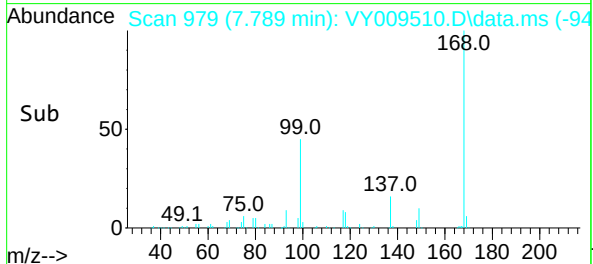
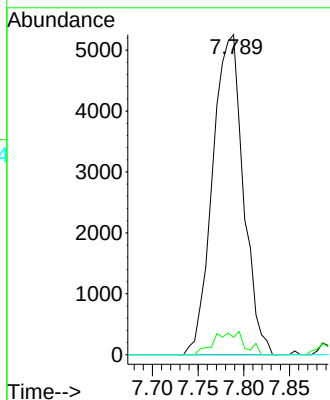


#38
Carbon Tetrachloride
Concen: 6.724 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.103 min
Lab File: VY009510.D
Acq: 11 Jul 2022 15:10

Instrument :
MSVOA_Y
ClientSampleId :

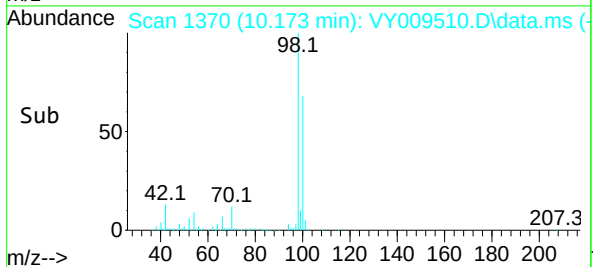
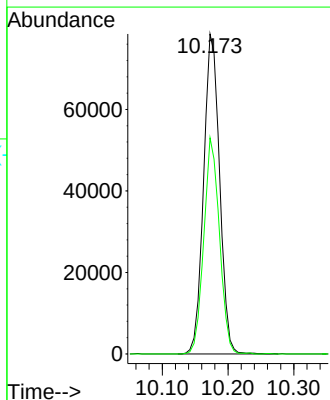
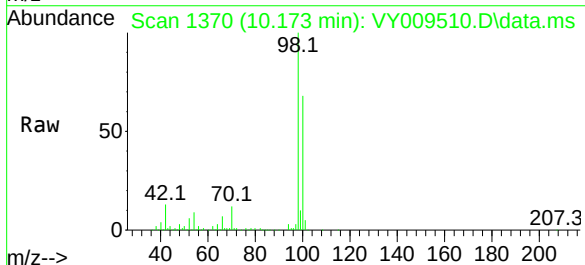


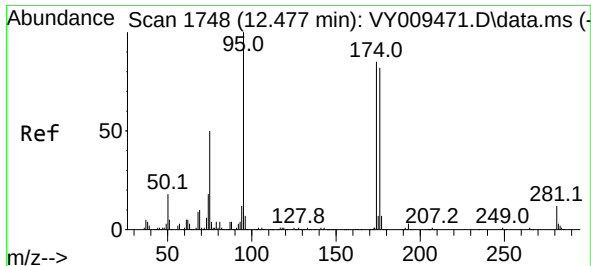
Tgt Ion:117 Resp: 12286
Ion Ratio Lower Upper
117 100
119 5.5 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 45.433 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.000 min
Lab File: VY009510.D
Acq: 11 Jul 2022 15:10

Tgt Ion: 98 Resp: 132851
Ion Ratio Lower Upper
98 100
100 66.1 50.2 75.2

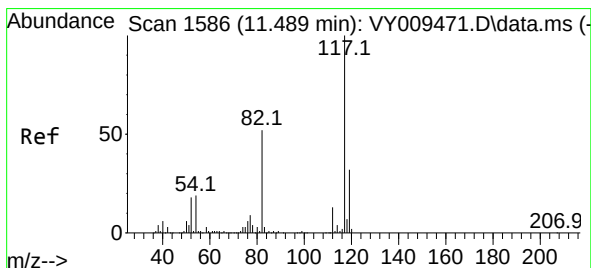
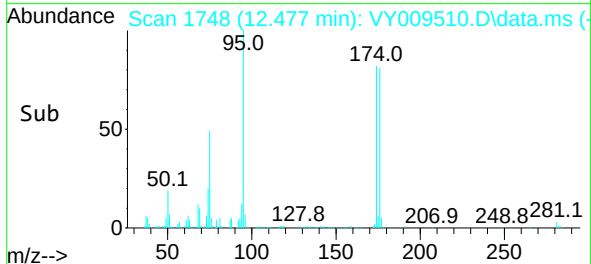
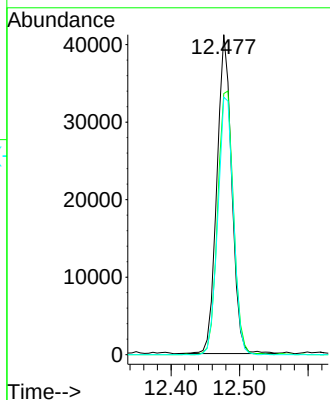
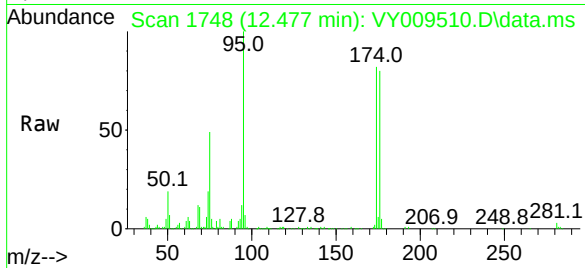




#62
4-Bromofluorobenzene
Concen: 41.671 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009510.D
Acq: 11 Jul 2022 15:10

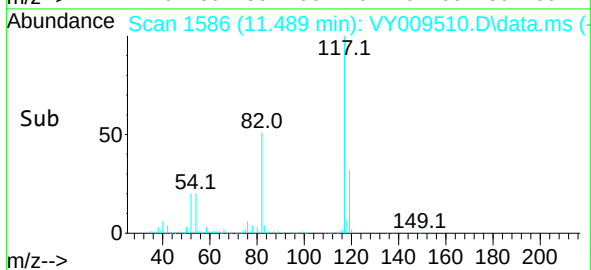
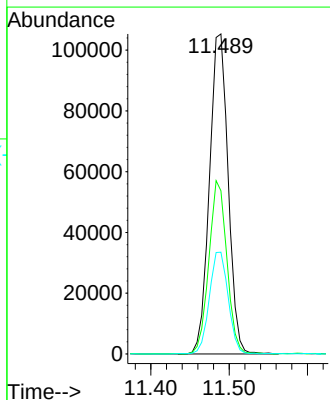
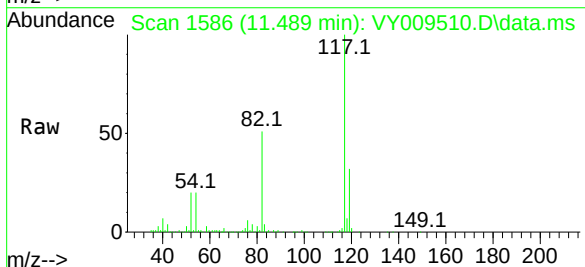
Instrument :
MSVOA_Y
ClientSampleId :

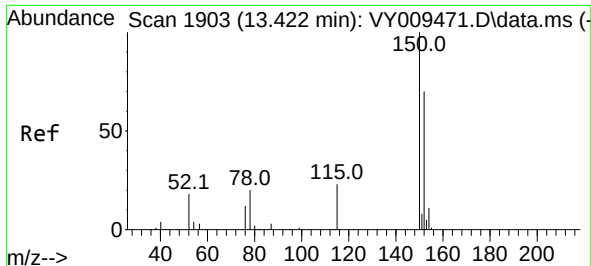
Tgt Ion: 95 Resp: 61726
Ion Ratio Lower Upper
95 100
174 88.3 0.0 177.0
176 84.4 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY009510.D
Acq: 11 Jul 2022 15:10

Tgt Ion: 117 Resp: 174567
Ion Ratio Lower Upper
117 100
82 50.9 43.0 64.4
119 31.7 25.4 38.0

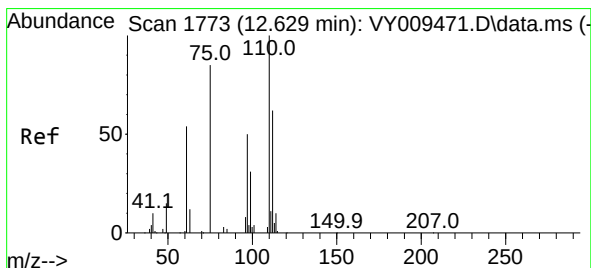
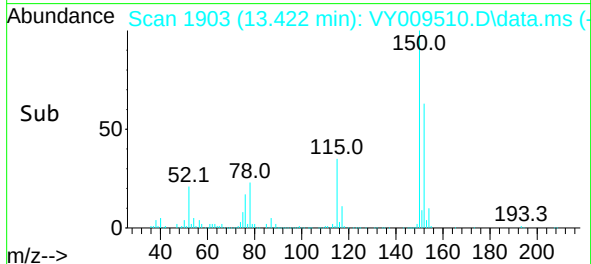
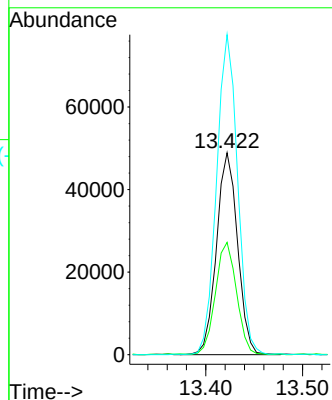
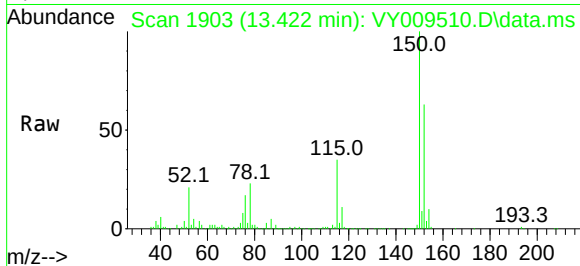




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.000 min
 Lab File: VY009510.D
 Acq: 11 Jul 2022 15:10

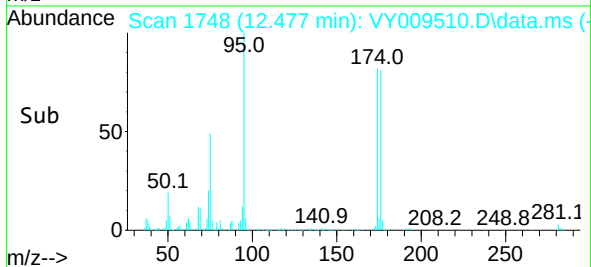
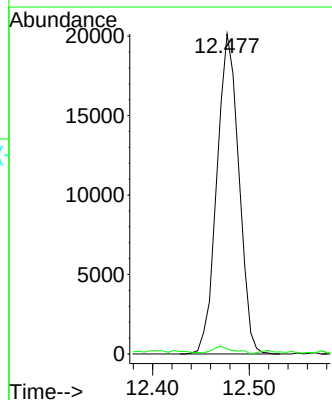
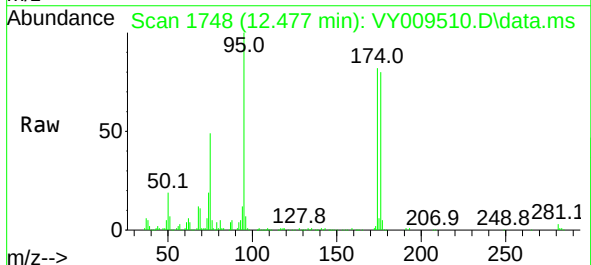
Instrument :
 MSVOA_Y
 ClientSampleId :

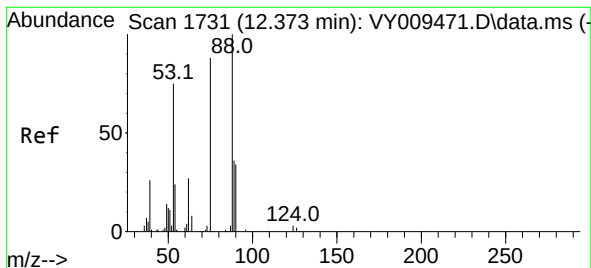
Tgt Ion:152 Resp: 74005
 Ion Ratio Lower Upper
 152 100
 115 56.0 28.2 84.7
 150 157.8 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 40.546 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.152 min
 Lab File: VY009510.D
 Acq: 11 Jul 2022 15:10

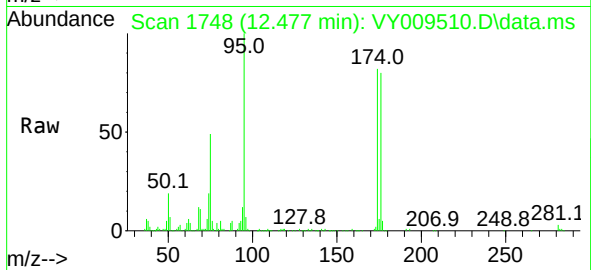
Tgt Ion: 75 Resp: 31764
 Ion Ratio Lower Upper
 75 100
 77 2.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 82.984 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY009510.D
 Acq: 11 Jul 2022 15:10

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.6	85.3	127.9#
89	0.0	37.0	55.4#

