

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070822\
 Data File : VY009483.D
 Acq On : 08 Jul 2022 15:24
 Operator : KP/MD
 Sample : N3595-03
 Misc : 6.49g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 20220487C-5C

Quant Time: Jul 11 02:14:43 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)

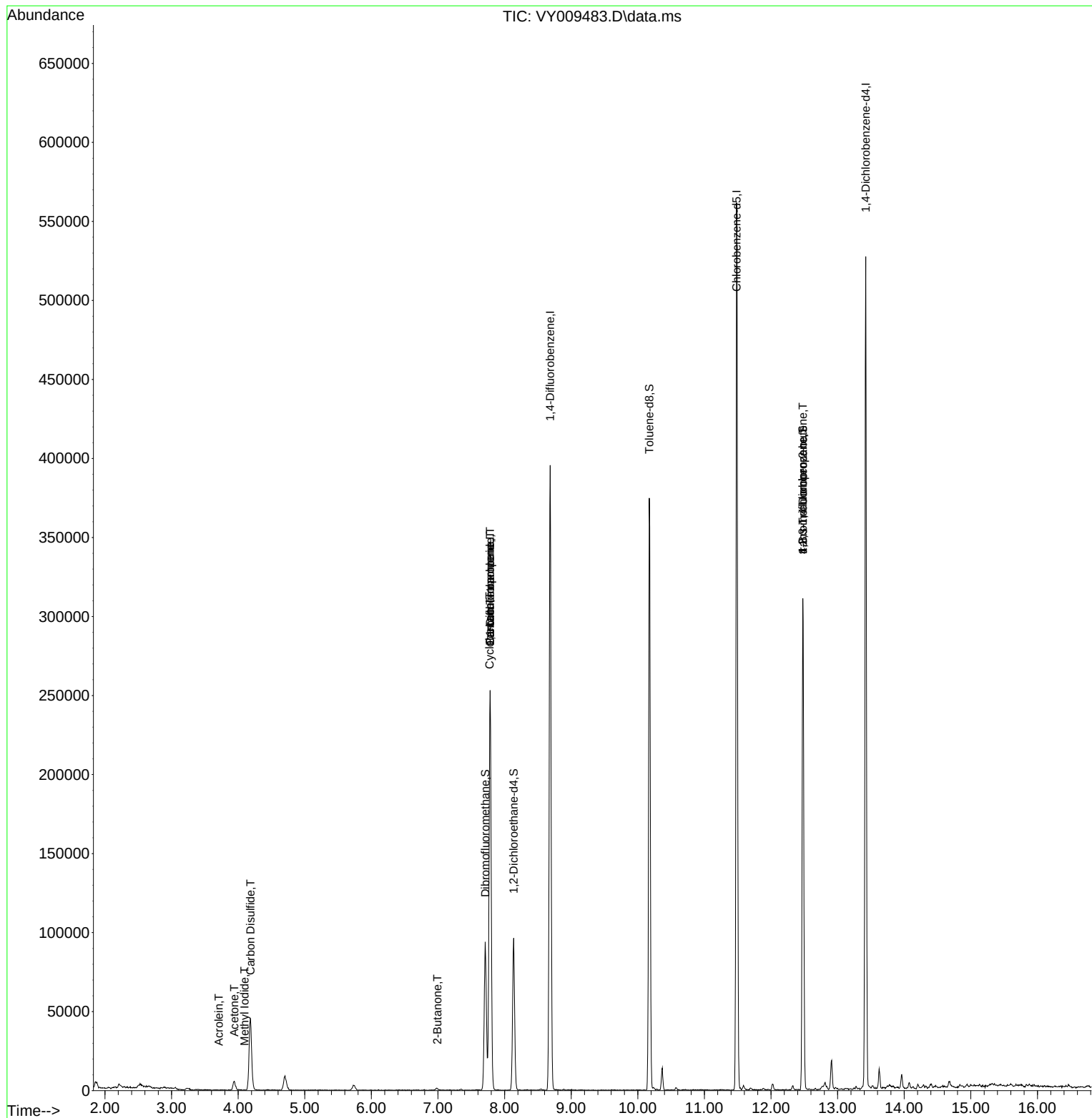
Internal Standards						
1) Pentafluorobenzene	7.783	168	201622	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	330839	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	294442	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	130804	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	70268	49.397	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.800%
35) Dibromofluoromethane	7.710	113	63261	36.341	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	72.680%
50) Toluene-d8	10.173	98	239480	50.210	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	100.420%
62) 4-Bromofluorobenzene	12.477	95	76288	31.046	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	62.100%
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.094	142	351	4.297	ug/l #	51
11) Tert butyl alcohol	4.930	59	82	Below Cal	#	77
13) Acrolein	3.710	56	23	30.364	ug/l #	14
16) Acetone	3.942	43	9340	19.043	ug/l #	79
17) Carbon Disulfide	4.186	76	91636	19.662	ug/l	100
20) Methylene Chloride	4.698	84	6443	Below Cal	#	82
23) Vinyl Acetate	6.045	43	52	Below Cal	#	75
25) 2-Butanone	6.990	43	1785	2.250	ug/l	99
31) Cyclohexane	7.777	56	4377	1.323	ug/l #	17
36) 1,1-Dichloropropene	7.783	75	15101	5.328	ug/l #	51
38) Carbon Tetrachloride	7.783	117	18613	6.141	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	41807	30.193	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	41807	61.794	ug/l #	8

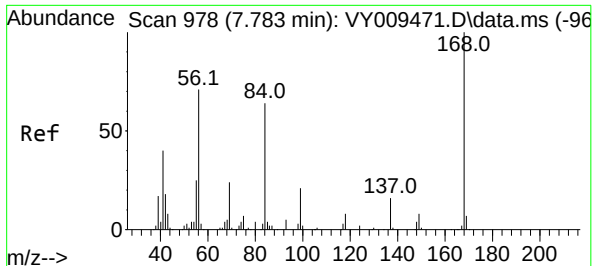
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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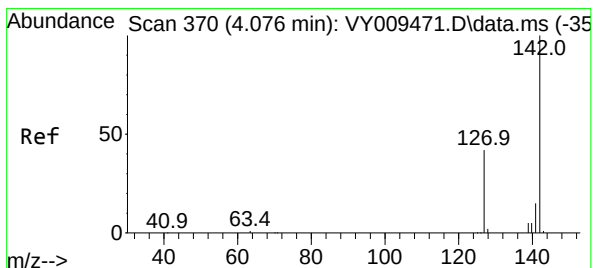
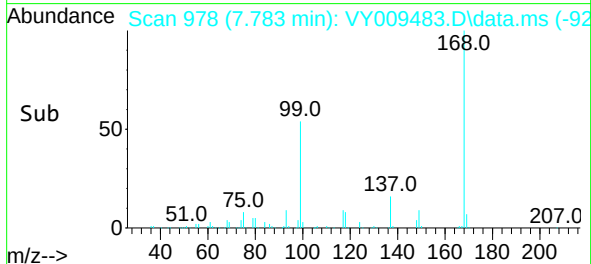
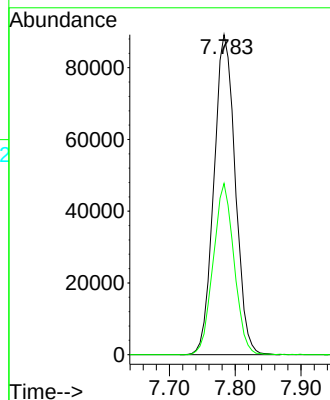
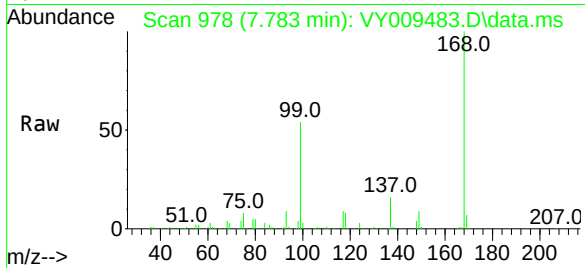




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009483.D
Acq: 08 Jul 2022 15:24

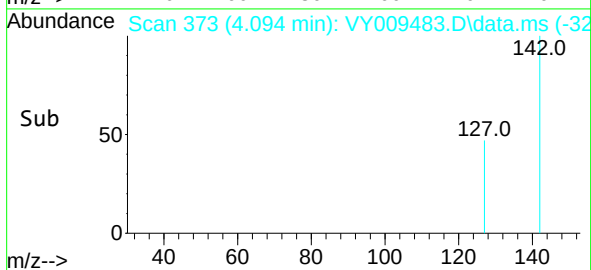
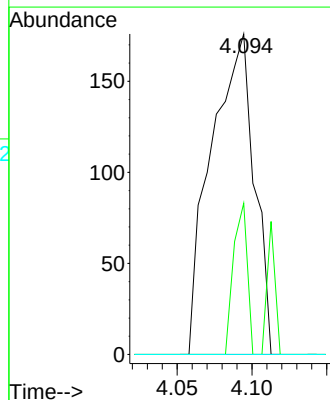
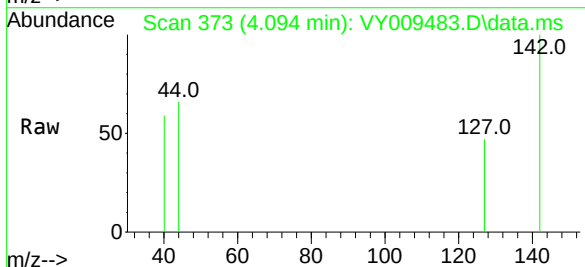
Instrument :
MSVOA_Y
ClientSampleId :
20220487C-5C

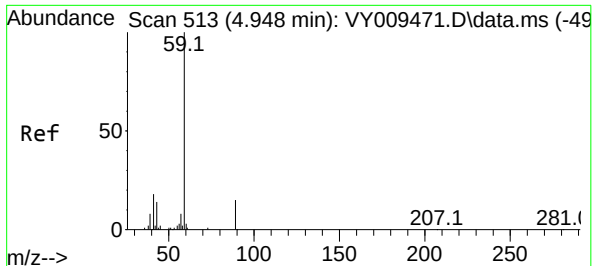
Tgt Ion:168 Resp: 201622
Ion Ratio Lower Upper
168 100
99 53.5 46.9 70.3



#10
Methyl Iodide
Concen: 4.297 ug/l
RT: 4.094 min Scan# 373
Delta R.T. 0.018 min
Lab File: VY009483.D
Acq: 08 Jul 2022 15:24

Tgt Ion:142 Resp: 351
Ion Ratio Lower Upper
142 100
127 15.1 41.5 62.3#
141 0.0 11.9 17.9#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.930 min Scan# 51

Delta R.T. -0.018 min

Lab File: VY009483.D

Acq: 08 Jul 2022 15:24

Instrument :

MSVOA_Y

ClientSampleId :

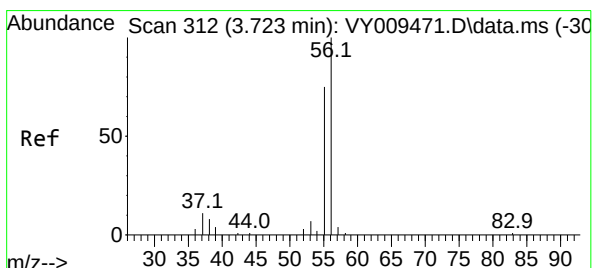
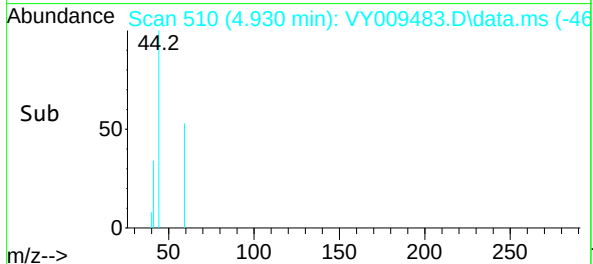
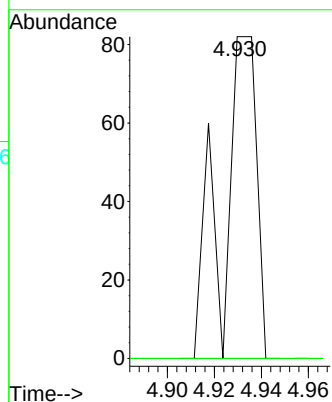
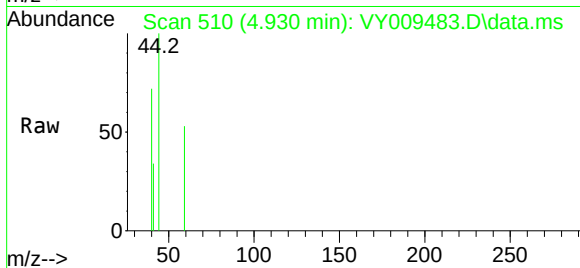
20220487C-5C

Tgt Ion: 59 Resp: 82

Ion Ratio Lower Upper

59 100

57 0.0 6.4 9.6#



#13

Acrolein

Concen: 30.364 ug/l

RT: 3.710 min Scan# 310

Delta R.T. -0.013 min

Lab File: VY009483.D

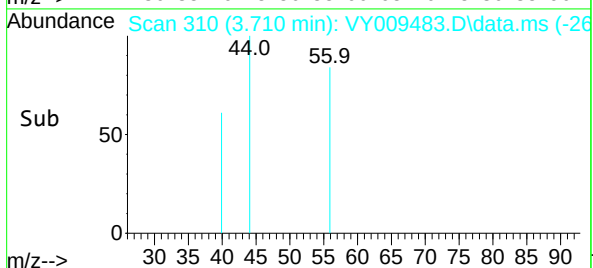
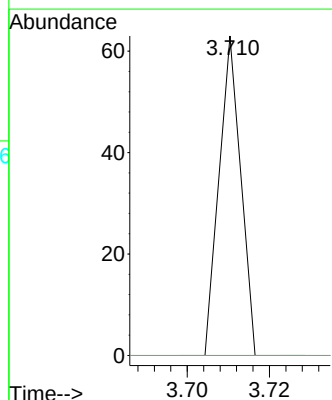
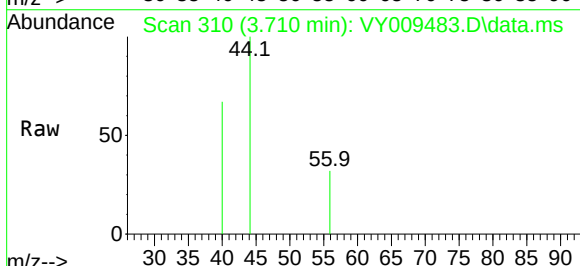
Acq: 08 Jul 2022 15:24

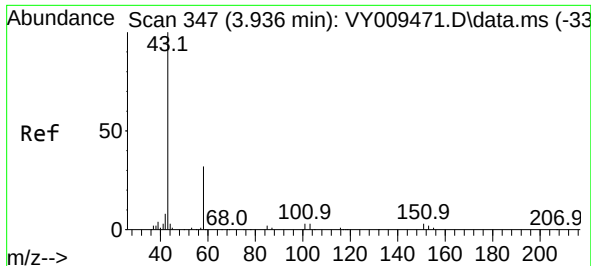
Tgt Ion: 56 Resp: 23

Ion Ratio Lower Upper

56 100

55 0.0 57.6 86.4#

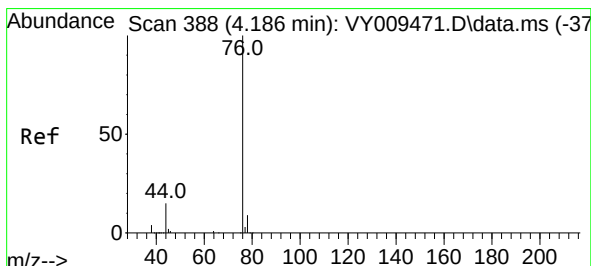
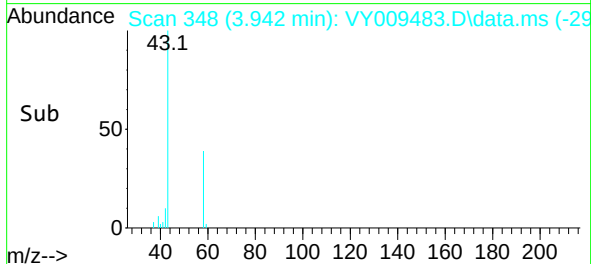
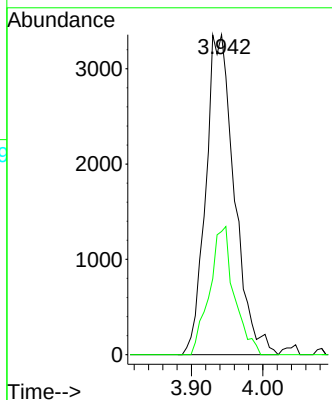
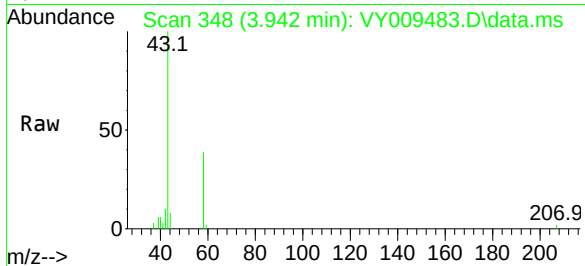




#16
Acetone
Concen: 19.043 ug/l
RT: 3.942 min Scan# 347
Delta R.T. 0.006 min
Lab File: VY009483.D
Acq: 08 Jul 2022 15:24

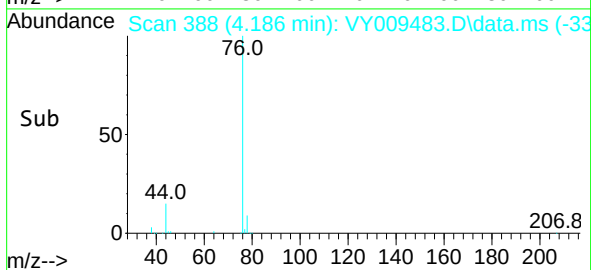
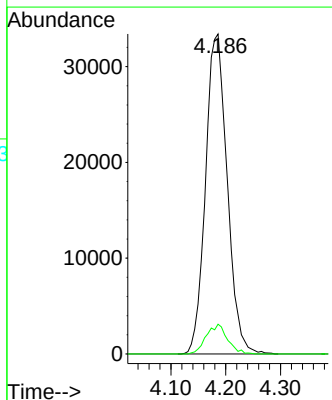
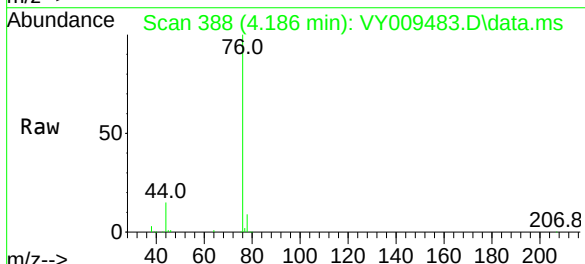
Instrument :
MSVOA_Y
ClientSampleId :
20220487C-5C

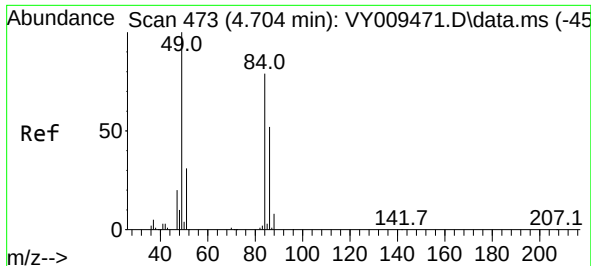
Tgt Ion: 43 Resp: 9340
Ion Ratio Lower Upper
43 100
58 38.5 22.0 33.0#



#17
Carbon Disulfide
Concen: 19.662 ug/l
RT: 4.186 min Scan# 388
Delta R.T. -0.000 min
Lab File: VY009483.D
Acq: 08 Jul 2022 15:24

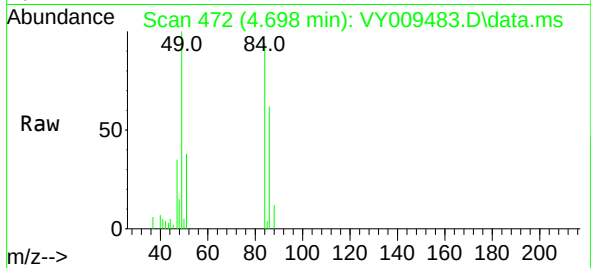
Tgt Ion: 76 Resp: 91636
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.0



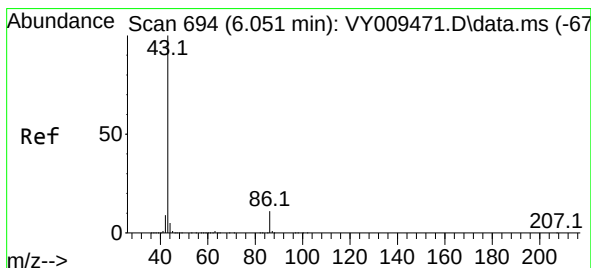
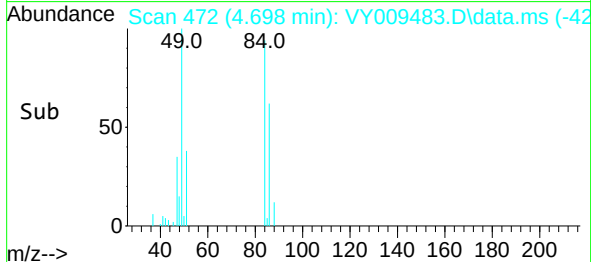
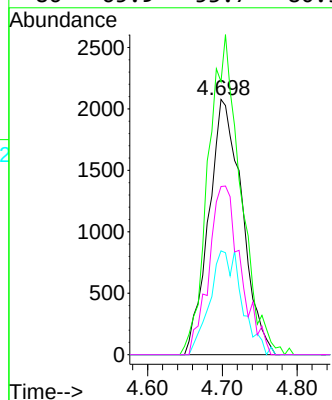


#20
Methylene Chloride
Concen: Below Cal
RT: 4.698 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY009483.D
Acq: 08 Jul 2022 15:24

Instrument :
MSVOA_Y
ClientSampleId :
20220487C-5C

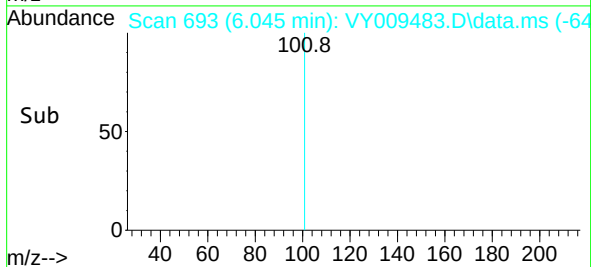
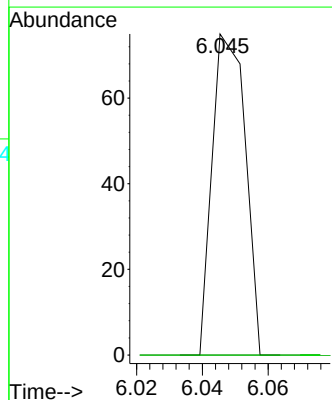
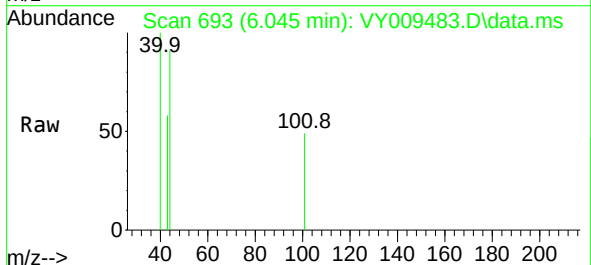


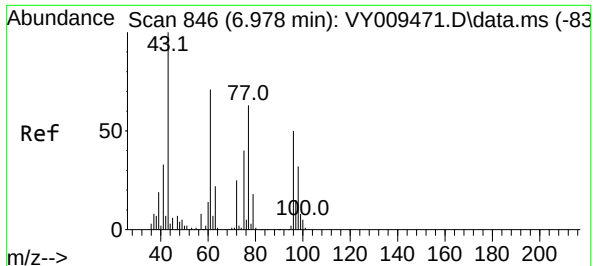
Tgt Ion: 84 Resp: 6443
Ion Ratio Lower Upper
84 100
49 106.9 114.4 171.6#
51 40.7 35.3 52.9
86 65.9 53.7 80.5



#23
Vinyl Acetate
Concen: Below Cal
RT: 6.045 min Scan# 693
Delta R.T. -0.006 min
Lab File: VY009483.D
Acq: 08 Jul 2022 15:24

Tgt Ion: 43 Resp: 52
Ion Ratio Lower Upper
43 100
86 0.0 7.1 10.7#

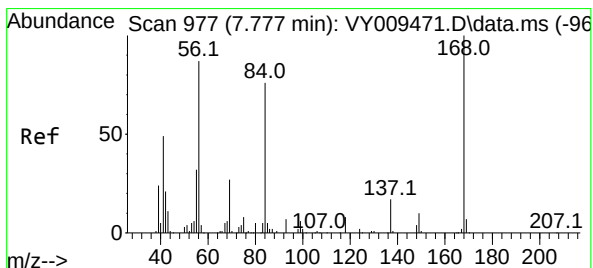
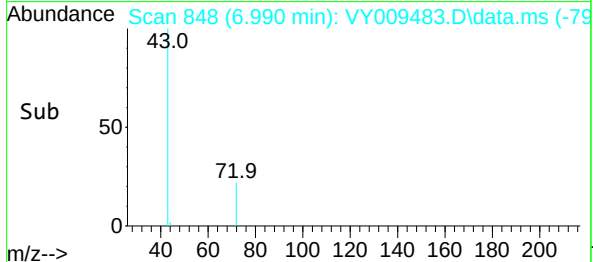
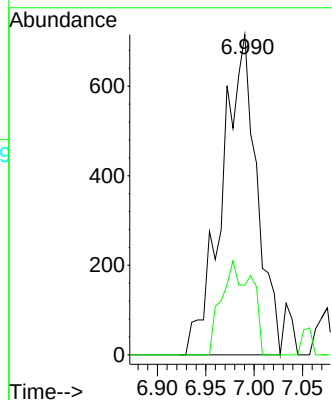
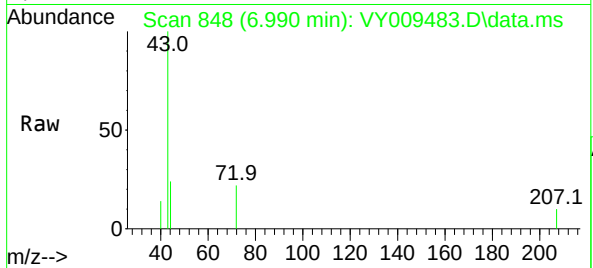




#25
2-Butanone
Concen: 2.250 ug/l
RT: 6.990 min Scan# 846
Delta R.T. 0.012 min
Lab File: VY009483.D
Acq: 08 Jul 2022 15:24

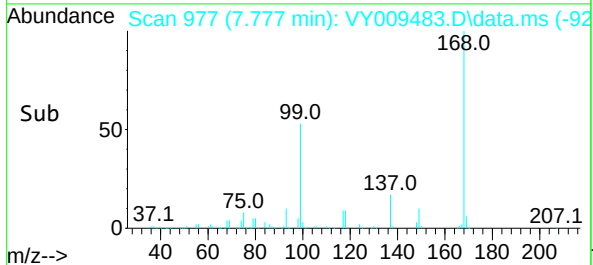
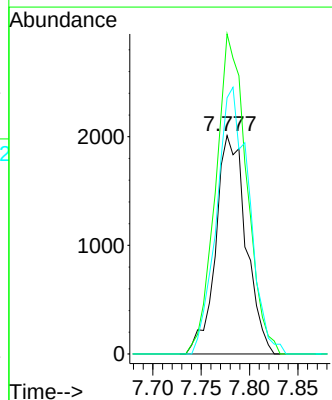
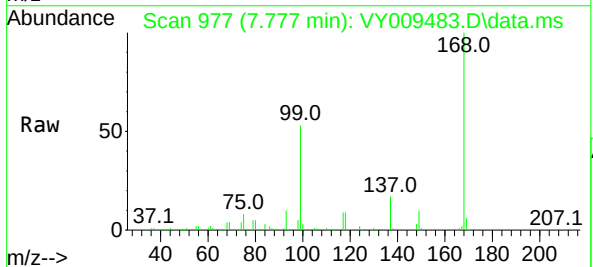
Instrument :
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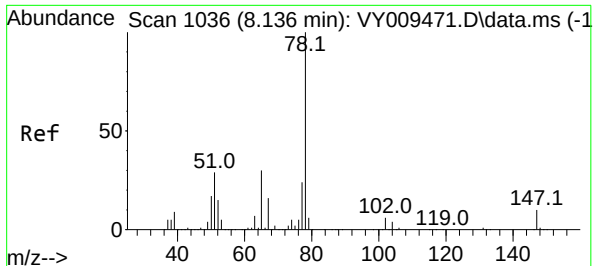
Tgt Ion: 43 Resp: 1785
Ion Ratio Lower Upper
43 100
72 21.8 17.7 26.5



#31
Cyclohexane
Concen: 1.323 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.000 min
Lab File: VY009483.D
Acq: 08 Jul 2022 15:24

Tgt Ion: 56 Resp: 4377
Ion Ratio Lower Upper
56 100
69 146.5 26.7 40.1#
84 117.3 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 49.397 ug/l

RT: 8.136 min Scan# 1103

Delta R.T. 0.000 min

Lab File: VY009483.D

Acq: 08 Jul 2022 15:24

Instrument :

MSVOA_Y

ClientSampleId :

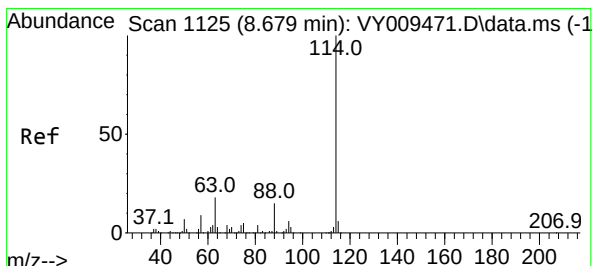
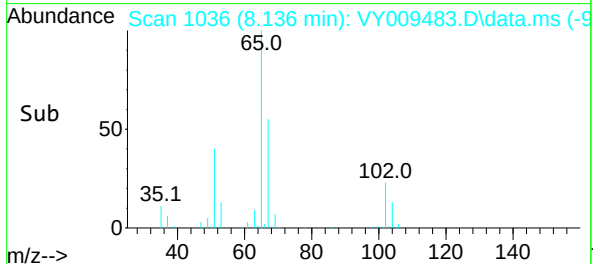
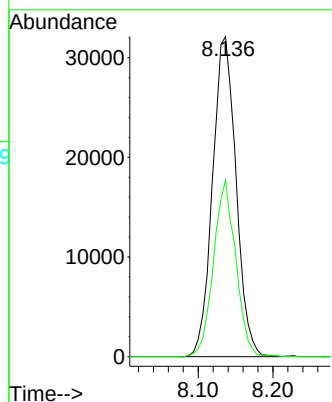
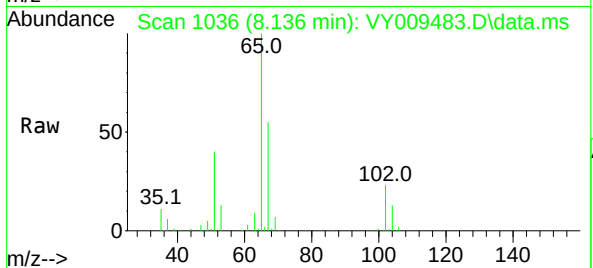
20220487C-5C

Tgt Ion: 65 Resp: 70268

Ion Ratio Lower Upper

65 100

67 52.2 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: VY009483.D

Acq: 08 Jul 2022 15:24

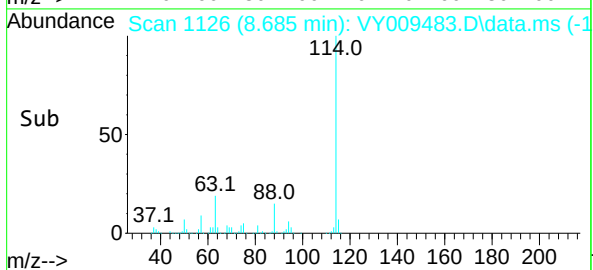
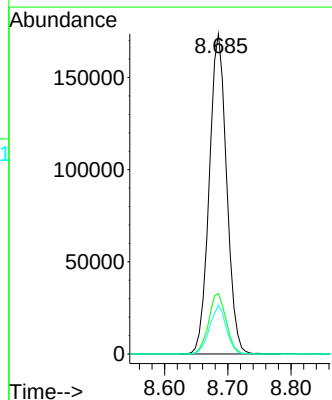
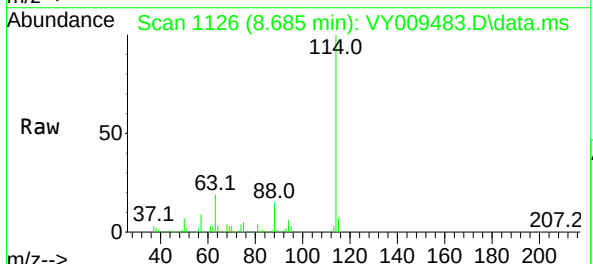
Tgt Ion: 114 Resp: 330839

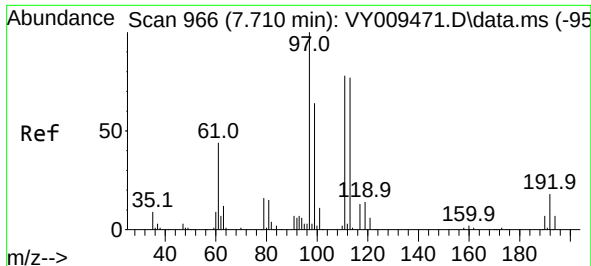
Ion Ratio Lower Upper

114 100

63 18.9 0.0 43.2

88 15.2 0.0 31.8

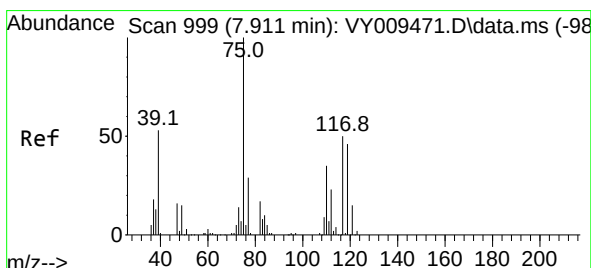
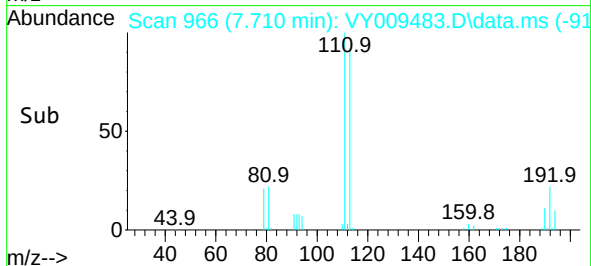
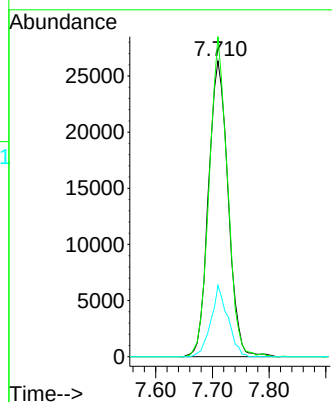
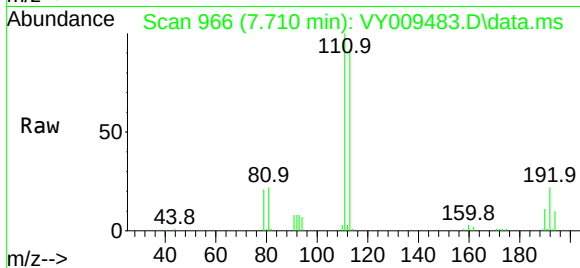




#35
Dibromofluoromethane
Concen: 36.341 ug/l
RT: 7.710 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009483.D
Acq: 08 Jul 2022 15:24

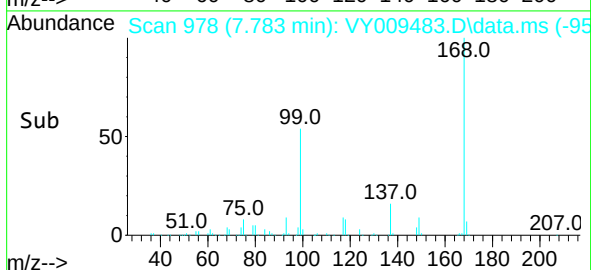
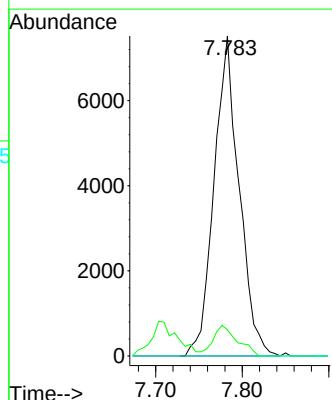
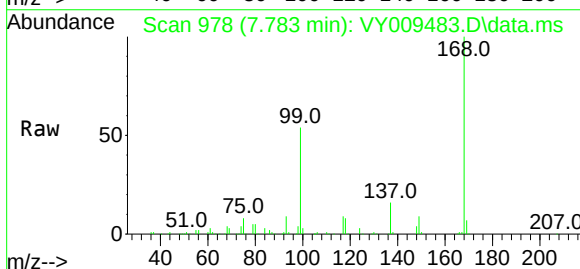
Instrument :
MSVOA_Y
ClientSampleId :
20220487C-5C

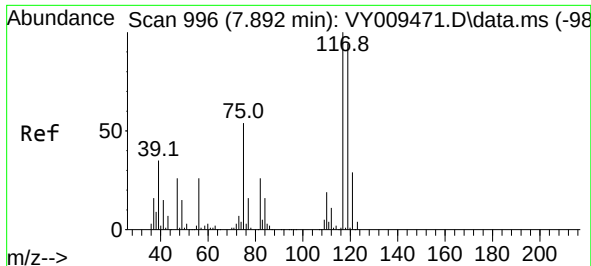
Tgt Ion:113 Resp: 63261
Ion Ratio Lower Upper
113 100
111 101.0 82.6 124.0
192 20.8 17.6 26.4



#36
1,1-Dichloropropene
Concen: 5.328 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY009483.D
Acq: 08 Jul 2022 15:24

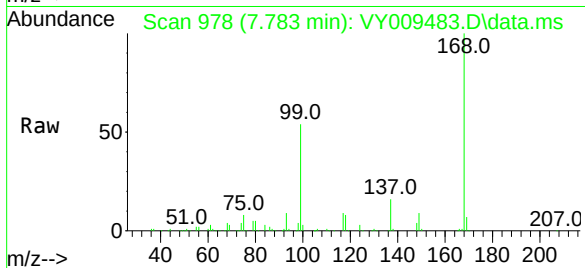
Tgt Ion: 75 Resp: 15101
Ion Ratio Lower Upper
75 100
110 9.2 17.1 51.2#
77 0.0 24.4 36.6#



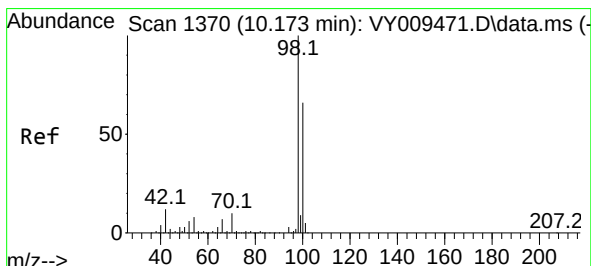
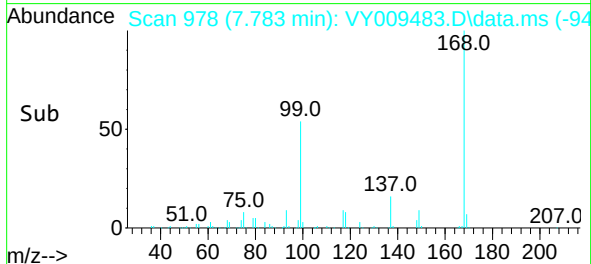
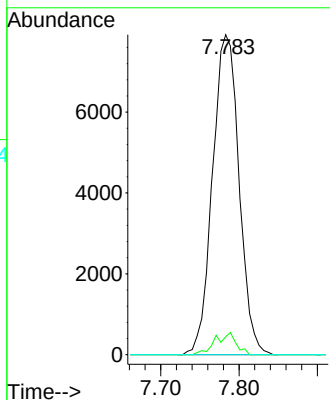


#38
Carbon Tetrachloride
Concen: 6.141 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.109 min
Lab File: VY009483.D
Acq: 08 Jul 2022 15:24

Instrument :
MSVOA_Y
ClientSampleId :
20220487C-5C

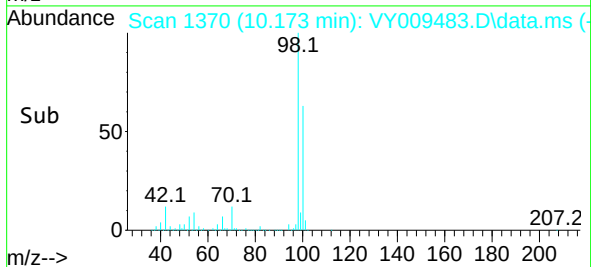
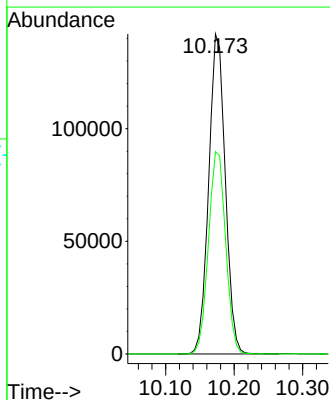
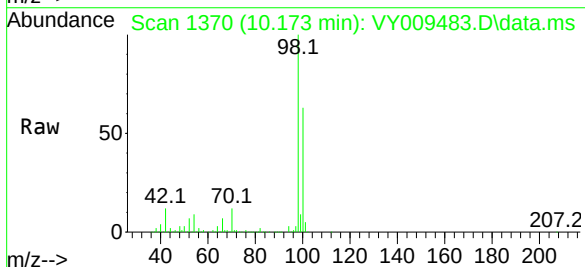


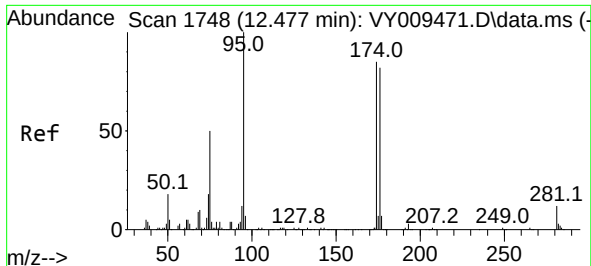
Tgt Ion:117 Resp: 18613
Ion Ratio Lower Upper
117 100
119 5.6 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 50.210 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.000 min
Lab File: VY009483.D
Acq: 08 Jul 2022 15:24

Tgt Ion: 98 Resp: 239480
Ion Ratio Lower Upper
98 100
100 65.4 50.2 75.2

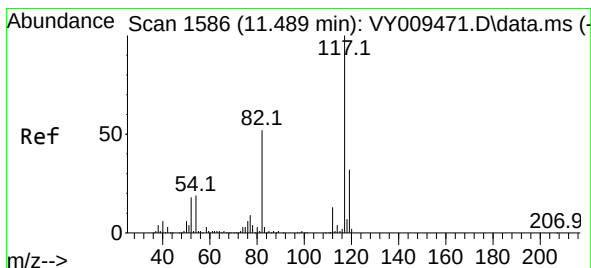
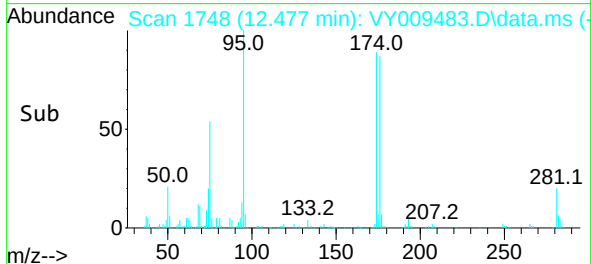
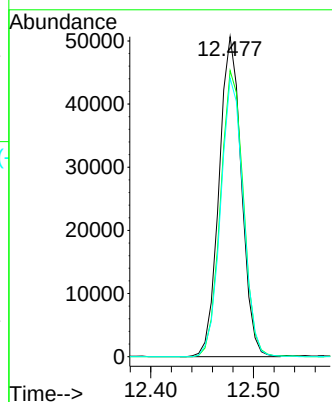
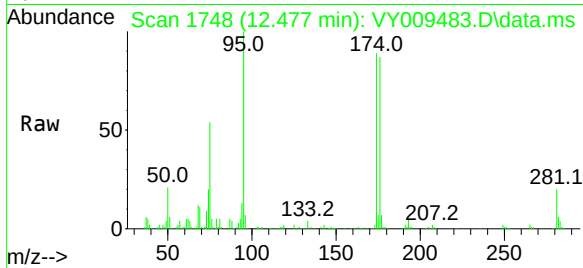




#62
4-Bromofluorobenzene
Concen: 31.046 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009483.D
Acq: 08 Jul 2022 15:24

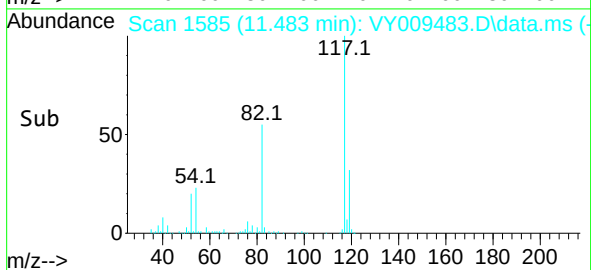
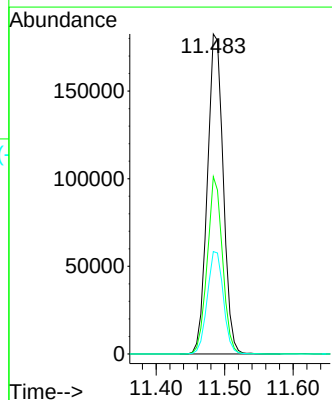
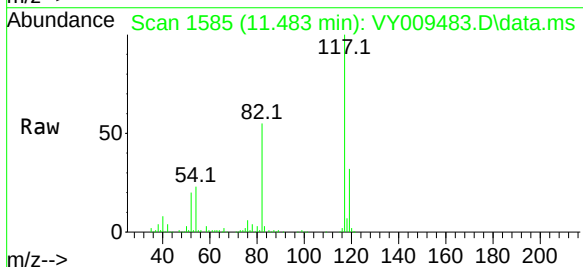
Instrument :
MSVOA_Y
ClientSampleId :
20220487C-5C

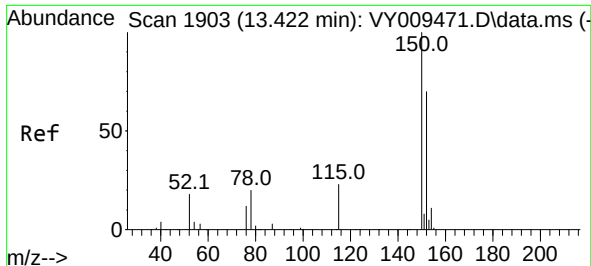
Tgt Ion: 95 Resp: 76288
Ion Ratio Lower Upper
95 100
174 91.1 0.0 177.0
176 88.1 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1585
Delta R.T. -0.006 min
Lab File: VY009483.D
Acq: 08 Jul 2022 15:24

Tgt Ion: 117 Resp: 294442
Ion Ratio Lower Upper
117 100
82 55.4 43.0 64.4
119 32.0 25.4 38.0

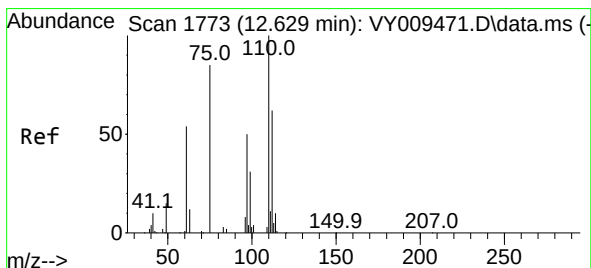
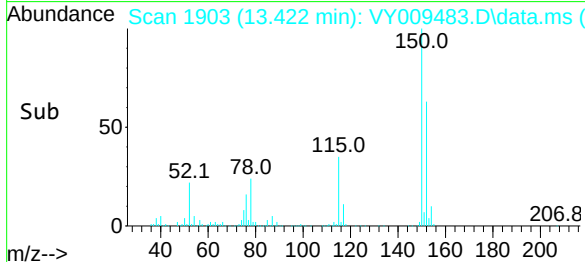
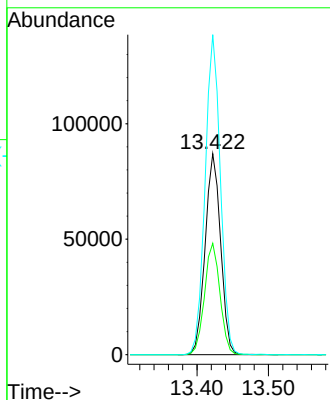
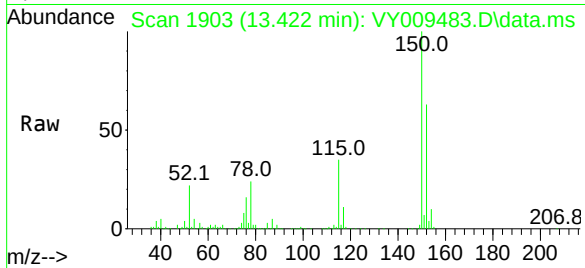




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY009483.D
 Acq: 08 Jul 2022 15:24

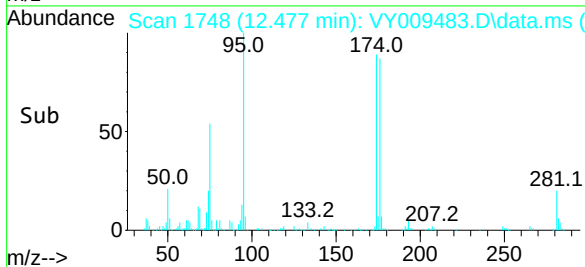
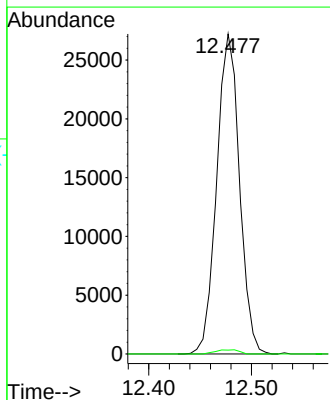
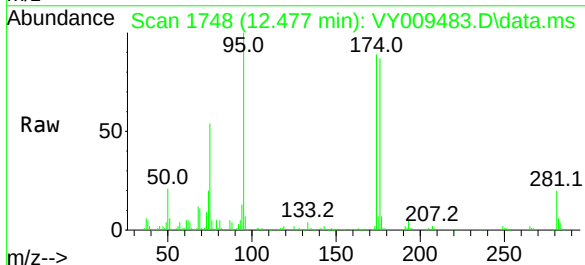
Instrument :
 MSVOA_Y
 ClientSampleId :
 20220487C-5C

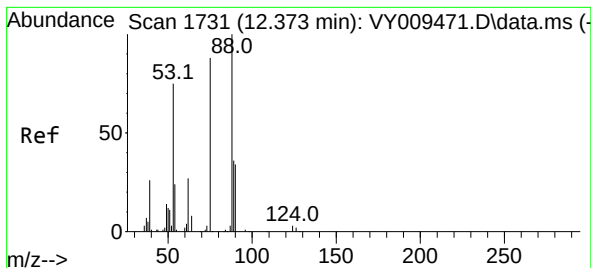
Tgt Ion:152 Resp: 130804
 Ion Ratio Lower Upper
 152 100
 115 55.4 28.2 84.7
 150 157.0 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 30.193 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.152 min
 Lab File: VY009483.D
 Acq: 08 Jul 2022 15:24

Tgt Ion: 75 Resp: 41807
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 61.794 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY009483.D
 Acq: 08 Jul 2022 15:24

Instrument :
 MSVOA_Y
 ClientSampleId :
 20220487C-5C

Tgt Ion: 75 Resp: 41807
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.9 37.0 55.4#

