

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071122\
 Data File : VY009507.D
 Acq On : 11 Jul 2022 14:03
 Operator : KP/MD
 Sample : N3593-14
 Misc : 6.15g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jul 12 05:02:43 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)

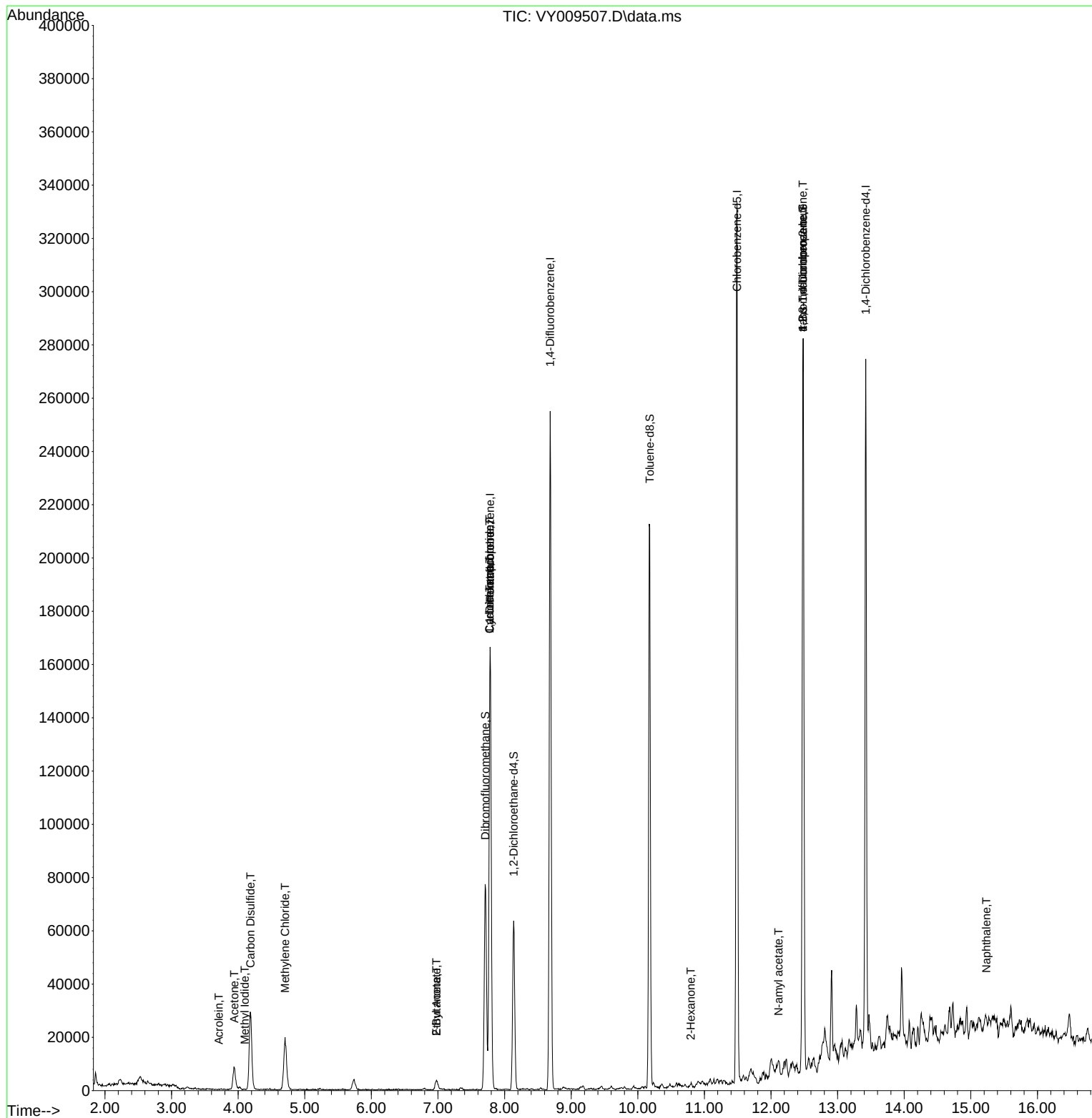
Internal Standards						
1) Pentafluorobenzene	7.783	168	135576	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	213988	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	180043	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	65672	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	47420	49.602	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.200%
35) Dibromofluoromethane	7.710	113	52654	46.764	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.520%
50) Toluene-d8	10.179	98	140883	44.790	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	89.580%
62) 4-Bromofluorobenzene	12.477	95	62742	39.476	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	78.960%
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.101	142	144	4.244	ug/l #	35
11) Tert butyl alcohol	4.942	59	195	Below Cal	#	91
13) Acrolein	3.710	56	31	30.492	ug/l #	14
16) Acetone	3.942	43	14822	44.941	ug/l	93
17) Carbon Disulfide	4.186	76	59093	19.037	ug/l	97
20) Methylene Chloride	4.704	84	13748	4.503	ug/l	82
23) Vinyl Acetate	6.106	43	63	Below Cal	#	75
25) 2-Butanone	6.978	43	4496	8.427	ug/l #	86
31) Cyclohexane	7.777	56	2775	1.248	ug/l #	1
36) 1,1-Dichloropropene	7.777	75	9731	5.309	ug/l #	51
37) Ethyl Acetate	6.978	43	4496	3.913	ug/l #	72
38) Carbon Tetrachloride	7.777	117	12709	6.483	ug/l #	14
59) 2-Hexanone	10.794	43	995	1.274	ug/l #	28
74) N-amyl acetate	12.111	43	1872	1.465	ug/l #	56
76) 1,2,3-Trichloropropane	12.477	75	34130	49.095	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	34130	100.479	ug/l #	8
95) Naphthalene	15.233	128	4094	1.642	ug/l #	81

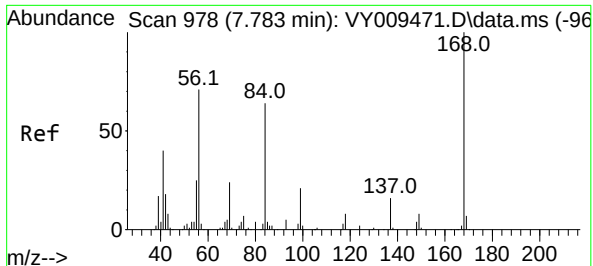
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071122\
Data File : VY009507.D
Acq On : 11 Jul 2022 14:03
Operator : KP/MD
Sample : N3593-14
Misc : 6.15g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Jul 12 05:02:43 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

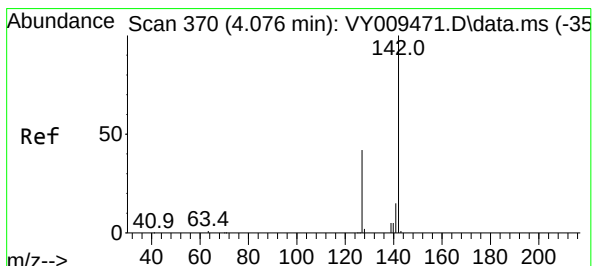
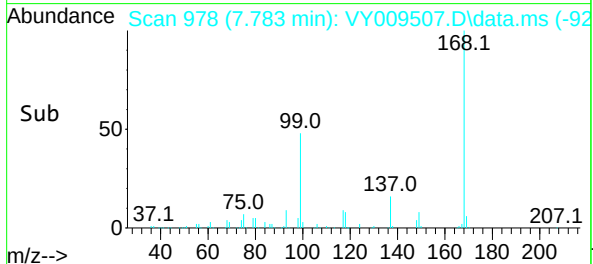
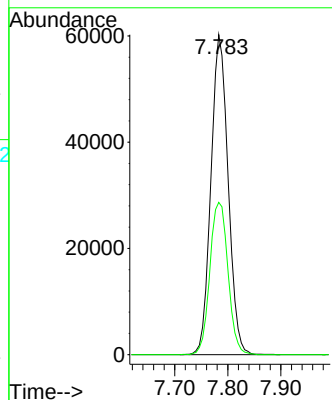
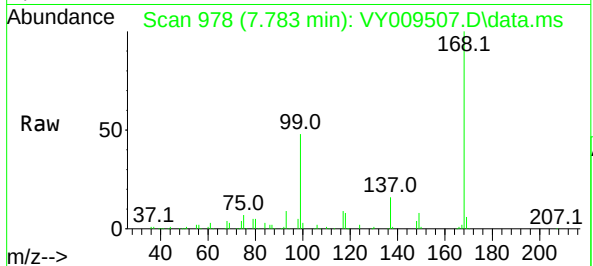




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009507.D
Acq: 11 Jul 2022 14:03

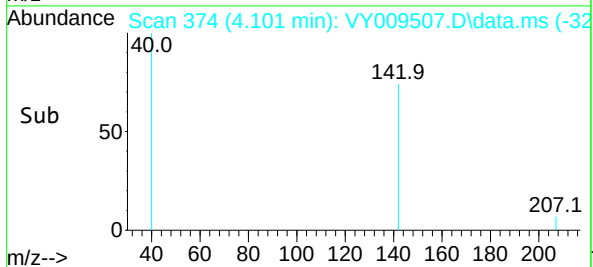
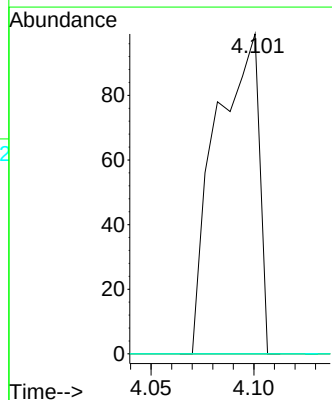
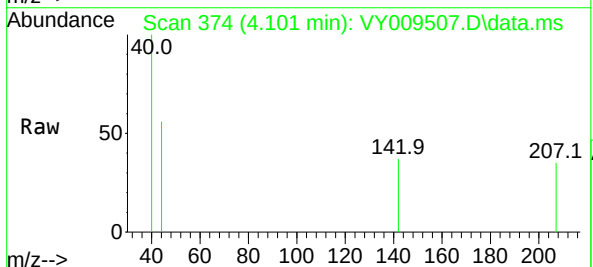
Instrument :
MSVOA_Y
ClientSampleId :

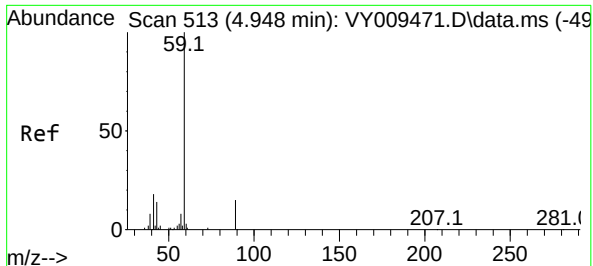
Tgt Ion:168 Resp: 135576
Ion Ratio Lower Upper
168 100
99 47.6 46.9 70.3



#10
Methyl Iodide
Concen: 4.244 ug/l
RT: 4.101 min Scan# 374
Delta R.T. 0.025 min
Lab File: VY009507.D
Acq: 11 Jul 2022 14:03

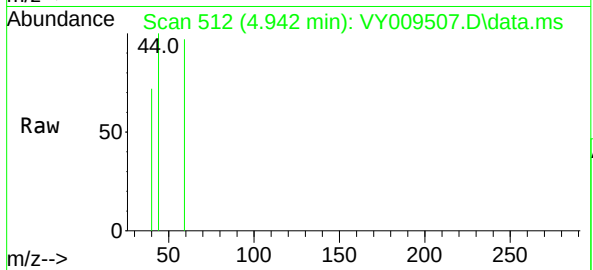
Tgt Ion:142 Resp: 144
Ion Ratio Lower Upper
142 100
127 0.0 41.5 62.3#
141 0.0 11.9 17.9#



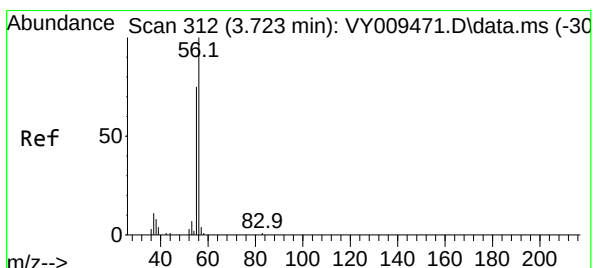
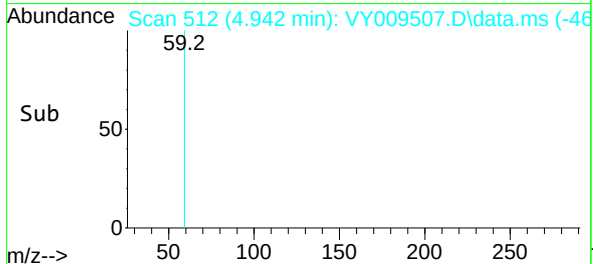
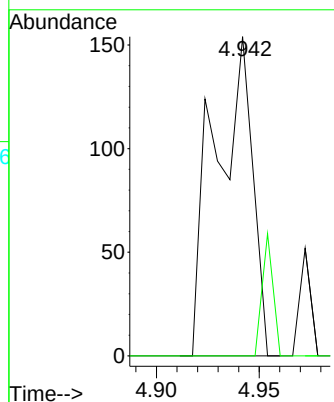


#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.942 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY009507.D
Acq: 11 Jul 2022 14:03

Instrument :
MSVOA_Y
ClientSampleId :

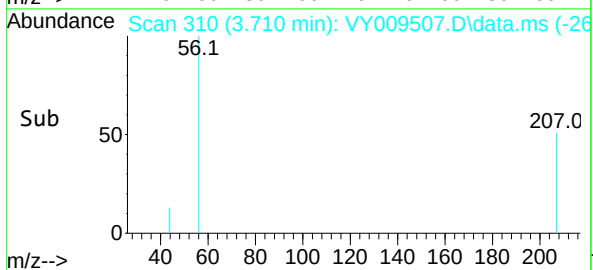
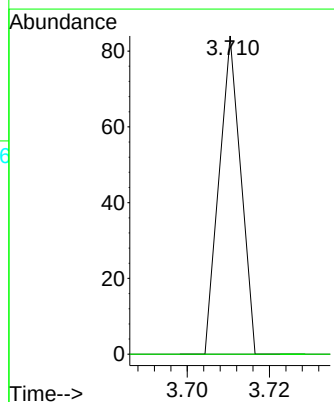
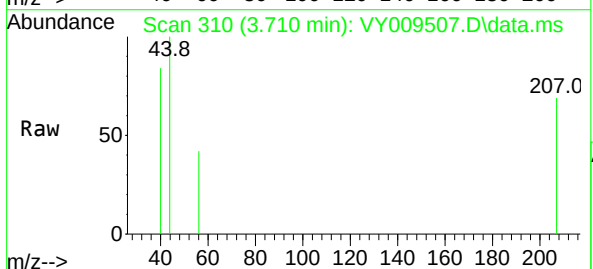


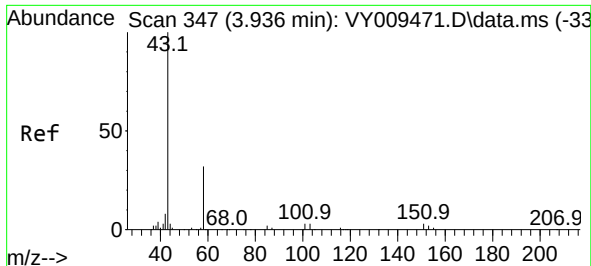
Tgt Ion: 59 Resp: 195
Ion Ratio Lower Upper
59 100
57 11.3 6.4 9.6#



#13
Acrolein
Concen: 30.492 ug/l
RT: 3.710 min Scan# 310
Delta R.T. -0.013 min
Lab File: VY009507.D
Acq: 11 Jul 2022 14:03

Tgt Ion: 56 Resp: 31
Ion Ratio Lower Upper
56 100
55 0.0 57.6 86.4#





#16

Acetone

Concen: 44.941 ug/l

RT: 3.942 min Scan# 347

Delta R.T. 0.006 min

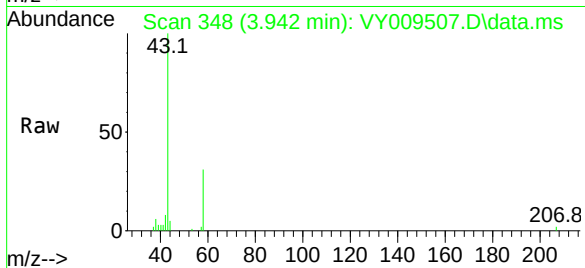
Lab File: VY009507.D

Acq: 11 Jul 2022 14:03

Instrument :

MSVOA_Y

ClientSampleId :

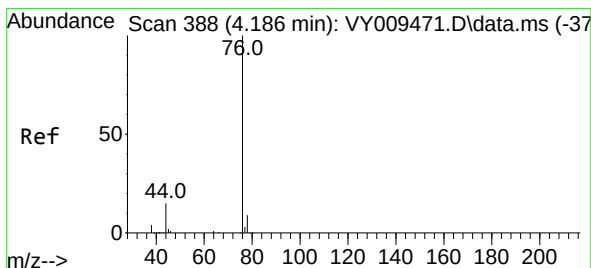
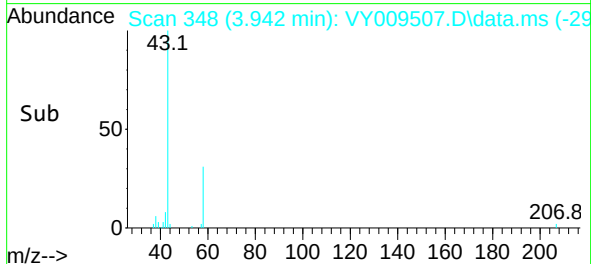
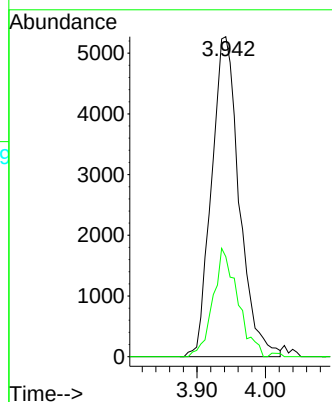


Tgt Ion: 43 Resp: 14822

Ion Ratio Lower Upper

43 100

58 31.3 22.0 33.0



#17

Carbon Disulfide

Concen: 19.037 ug/l

RT: 4.186 min Scan# 388

Delta R.T. -0.000 min

Lab File: VY009507.D

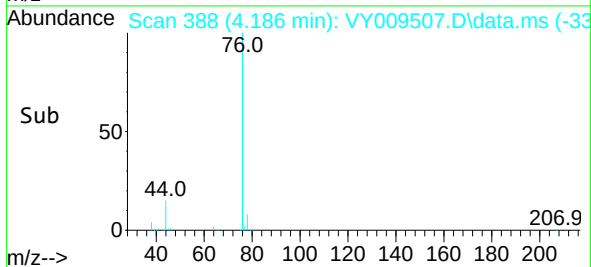
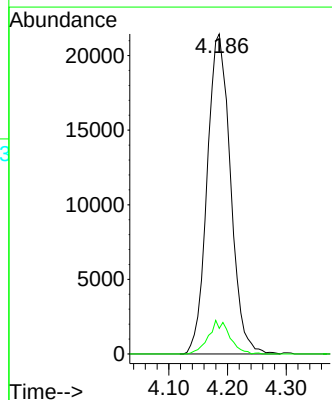
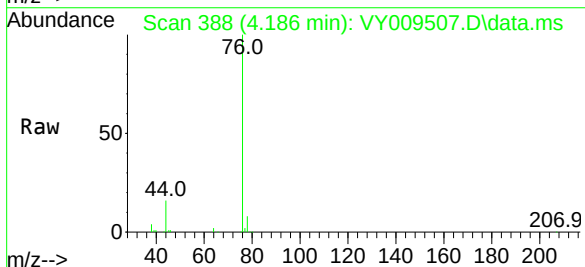
Acq: 11 Jul 2022 14:03

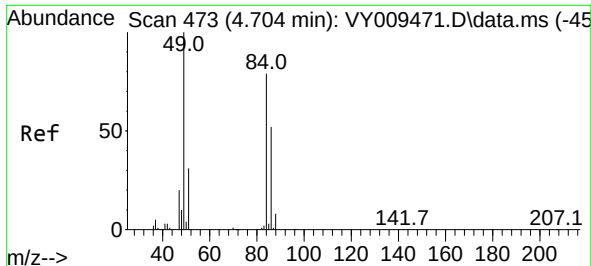
Tgt Ion: 76 Resp: 59093

Ion Ratio Lower Upper

76 100

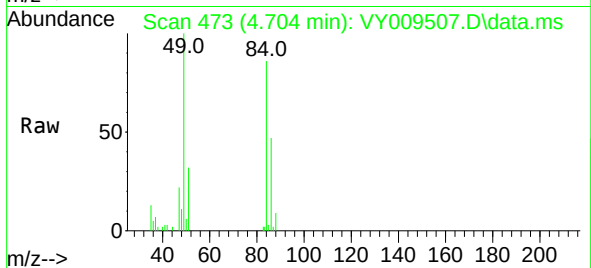
78 8.0 7.4 11.0





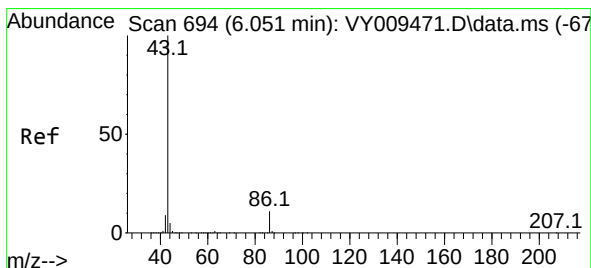
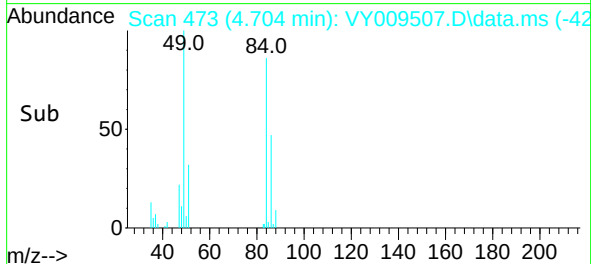
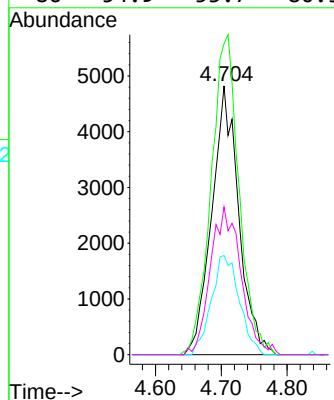
#20
Methylene Chloride
Concen: 4.503 ug/l
RT: 4.704 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY009507.D
Acq: 11 Jul 2022 14:03

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 84 Resp: 13748

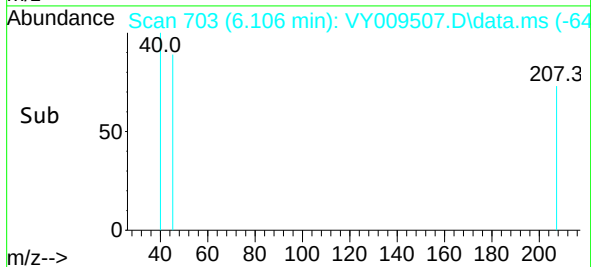
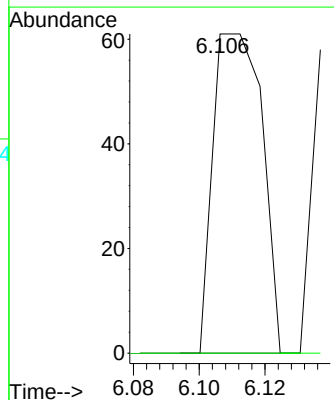
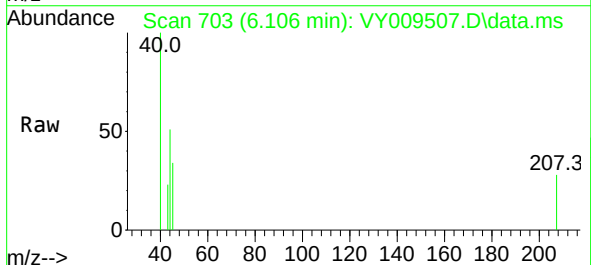
Ion	Ratio	Lower	Upper
84	100		
49	115.7	114.4	171.6
51	36.9	35.3	52.9
86	54.9	53.7	80.5

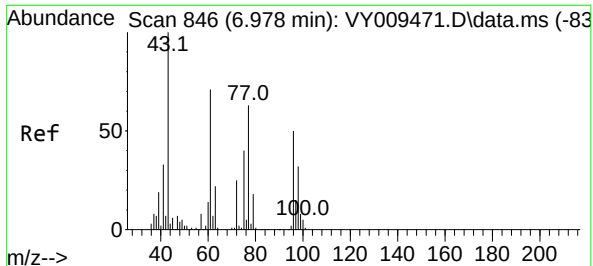


#23
Vinyl Acetate
Concen: Below Cal
RT: 6.106 min Scan# 703
Delta R.T. 0.055 min
Lab File: VY009507.D
Acq: 11 Jul 2022 14:03

Tgt Ion: 43 Resp: 63

Ion	Ratio	Lower	Upper
43	100		
86	0.0	7.1	10.7#





#25

2-Butanone

Concen: 8.427 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

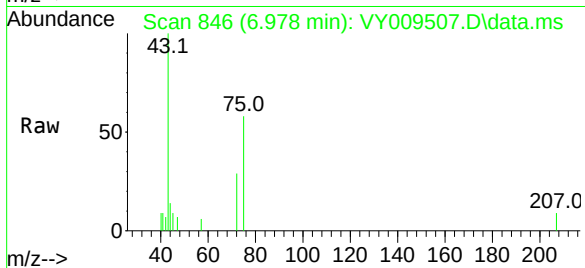
Lab File: VY009507.D

Acq: 11 Jul 2022 14:03

Instrument :

MSVOA_Y

ClientSampleId :

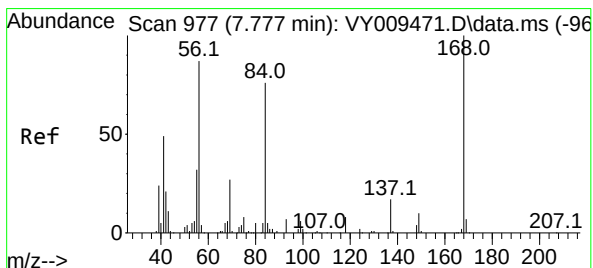
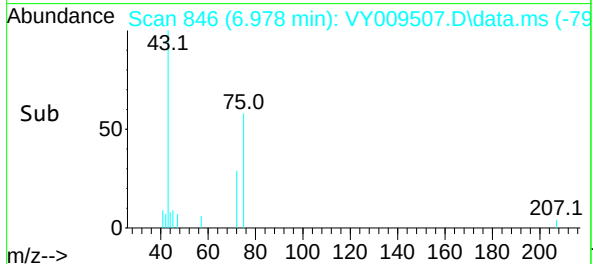
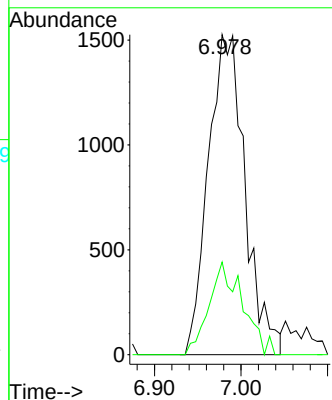


Tgt Ion: 43 Resp: 4496

Ion Ratio Lower Upper

43 100

72 29.0 17.7 26.5#



#31

Cyclohexane

Concen: 1.248 ug/l

RT: 7.777 min Scan# 977

Delta R.T. -0.000 min

Lab File: VY009507.D

Acq: 11 Jul 2022 14:03

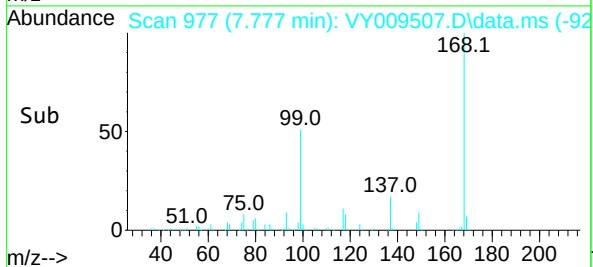
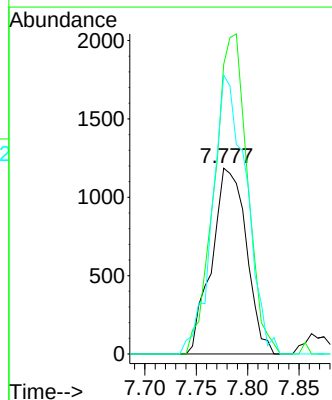
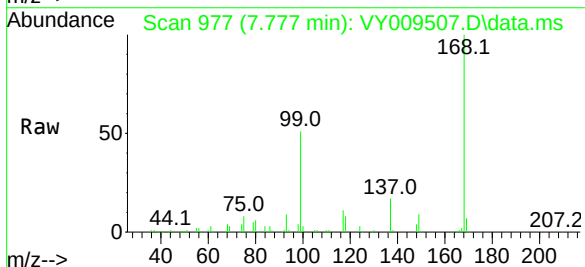
Tgt Ion: 56 Resp: 2775

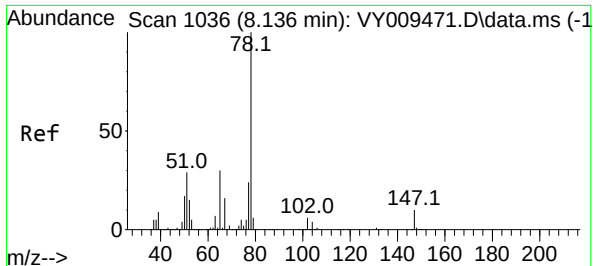
Ion Ratio Lower Upper

56 100

69 155.9 26.7 40.1#

84 150.0 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 49.602 ug/l

RT: 8.136 min Scan# 1103

Delta R.T. 0.000 min

Lab File: VY009507.D

Acq: 11 Jul 2022 14:03

Instrument :

MSVOA_Y

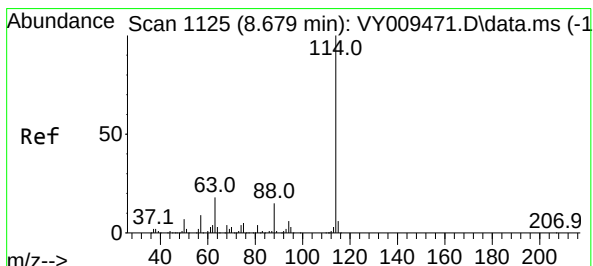
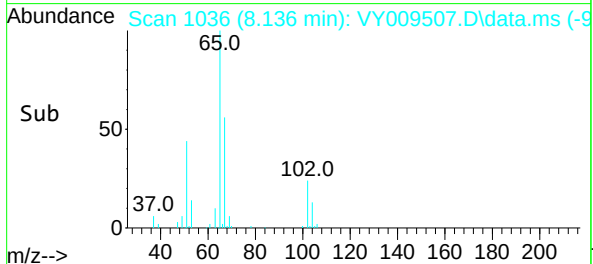
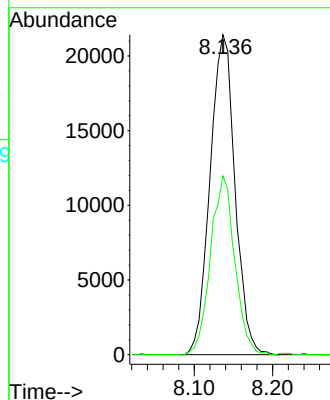
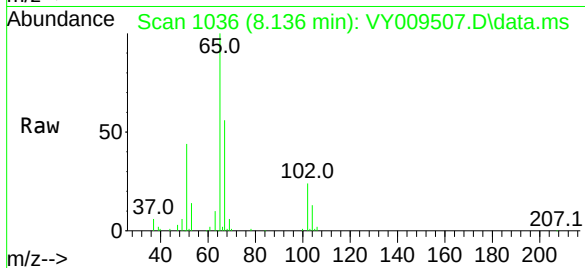
ClientSampleId :

Tgt Ion: 65 Resp: 47420

Ion Ratio Lower Upper

65 100

67 54.2 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: VY009507.D

Acq: 11 Jul 2022 14:03

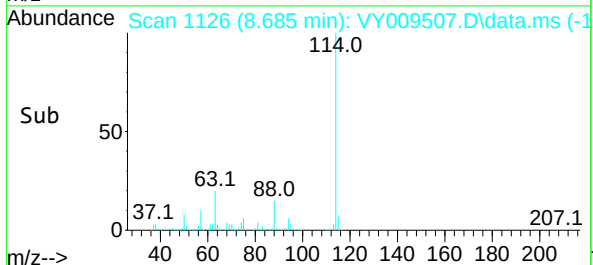
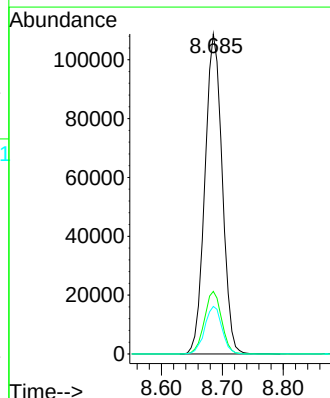
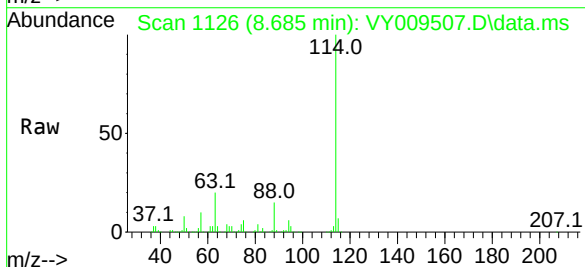
Tgt Ion: 114 Resp: 213988

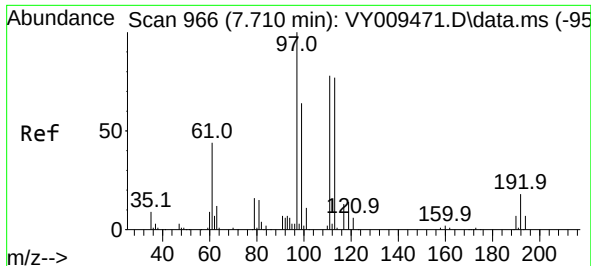
Ion Ratio Lower Upper

114 100

63 19.6 0.0 43.2

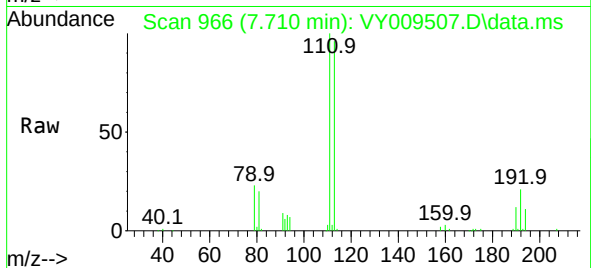
88 14.9 0.0 31.8



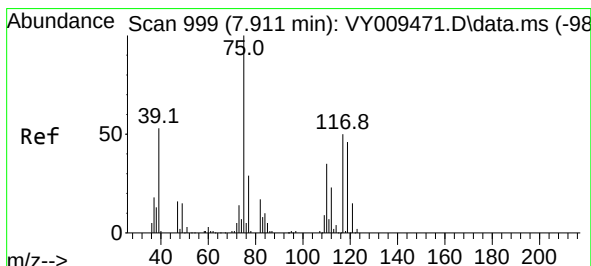
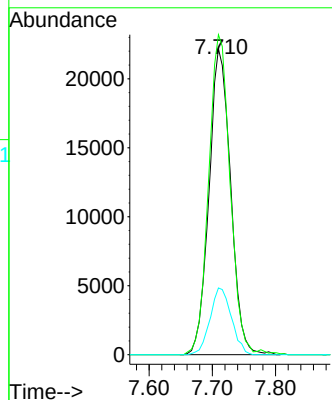
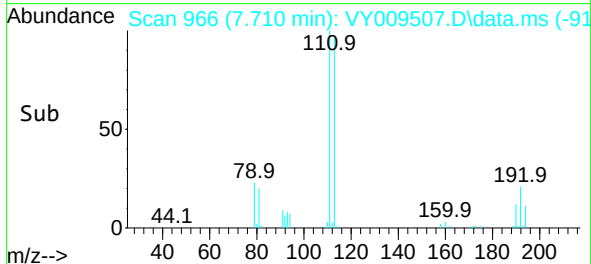


#35
Dibromofluoromethane
Concen: 46.764 ug/l
RT: 7.710 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY009507.D
Acq: 11 Jul 2022 14:03

Instrument :
MSVOA_Y
ClientSampleId :

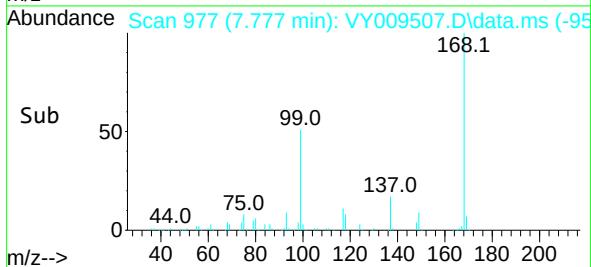
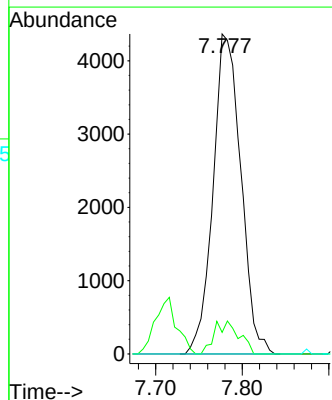
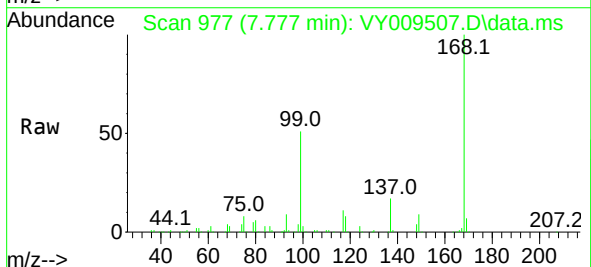


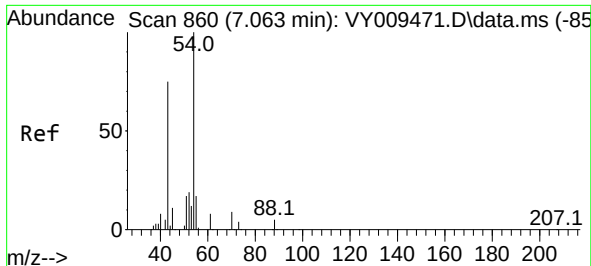
Tgt Ion:113 Resp: 52654
Ion Ratio Lower Upper
113 100
111 103.7 82.6 124.0
192 21.6 17.6 26.4



#36
1,1-Dichloropropene
Concen: 5.309 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.134 min
Lab File: VY009507.D
Acq: 11 Jul 2022 14:03

Tgt Ion: 75 Resp: 9731
Ion Ratio Lower Upper
75 100
110 9.1 17.1 51.2#
77 0.0 24.4 36.6#





#37

Ethyl Acetate

Concen: 3.913 ug/l

RT: 6.978 min Scan# 84

Delta R.T. -0.085 min

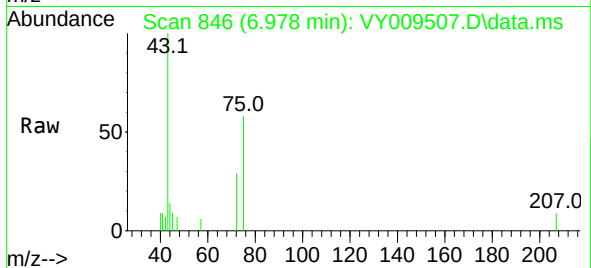
Lab File: VY009507.D

Acq: 11 Jul 2022 14:03

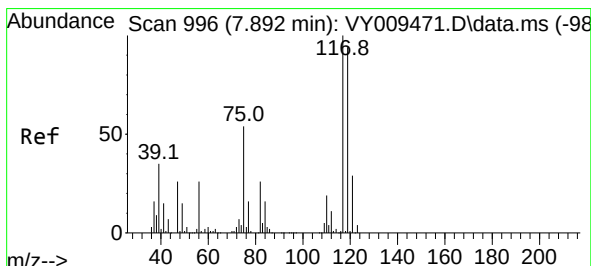
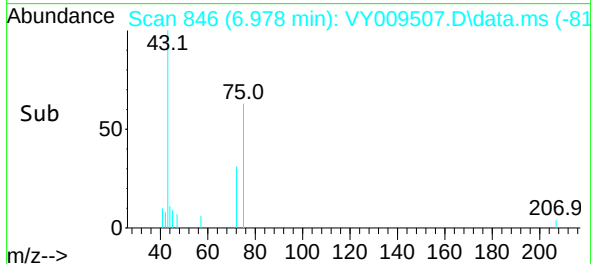
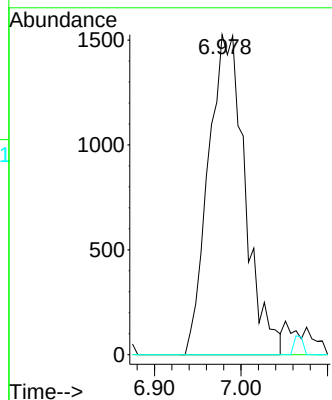
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	43	Resp:	4496
Ion	Ratio	Lower	Upper
43	100		
61	0.0	9.7	14.5#
70	0.0	7.1	10.7#



#38

Carbon Tetrachloride

Concen: 6.483 ug/l

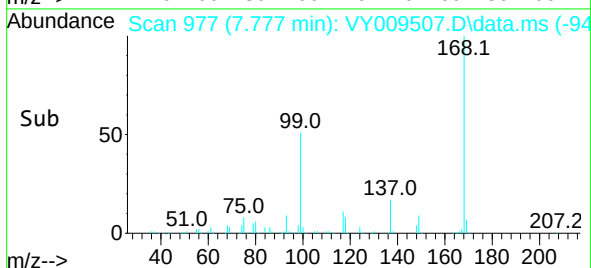
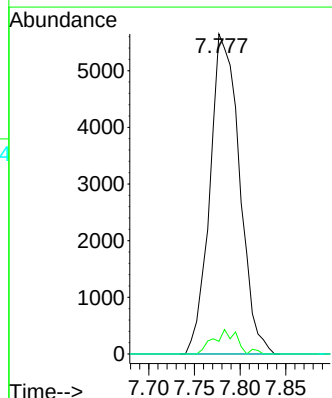
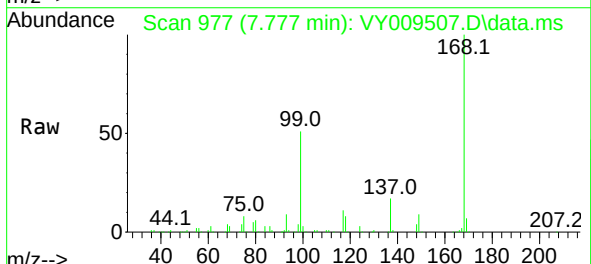
RT: 7.777 min Scan# 977

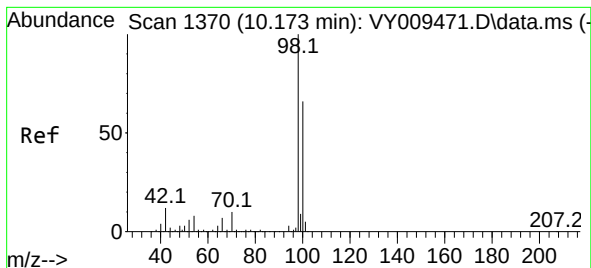
Delta R.T. -0.115 min

Lab File: VY009507.D

Acq: 11 Jul 2022 14:03

Tgt Ion:	117	Resp:	12709
Ion	Ratio	Lower	Upper
117	100		
119	4.0	77.9	116.9#
121	0.0	24.8	37.2#

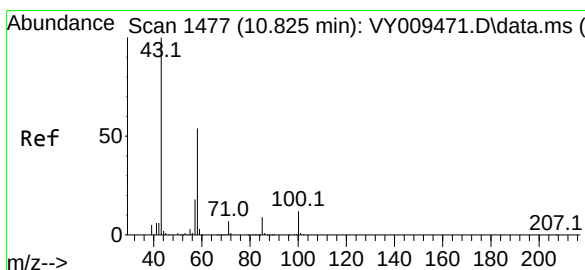
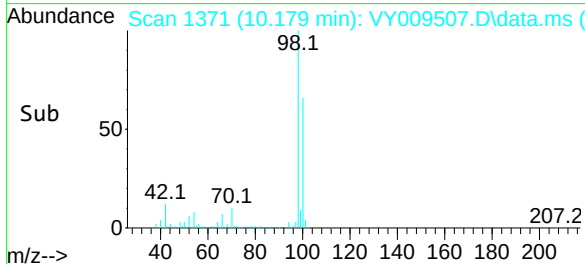
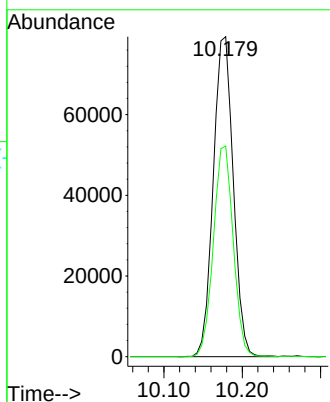
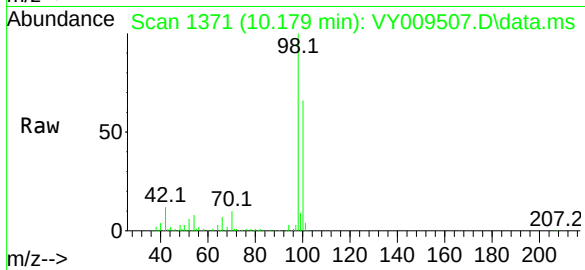




#50
Toluene-d8
Concen: 44.790 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY009507.D
Acq: 11 Jul 2022 14:03

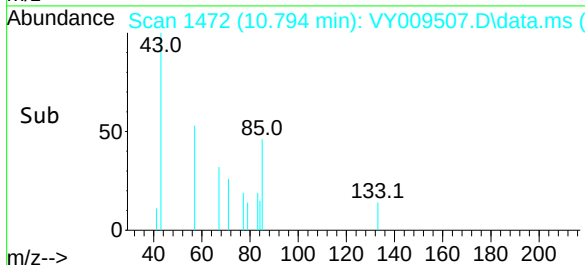
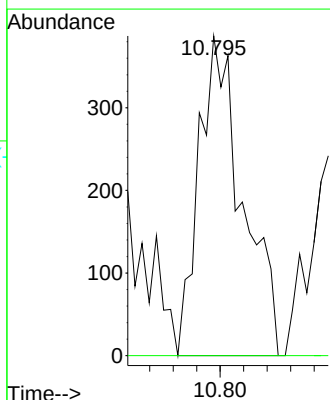
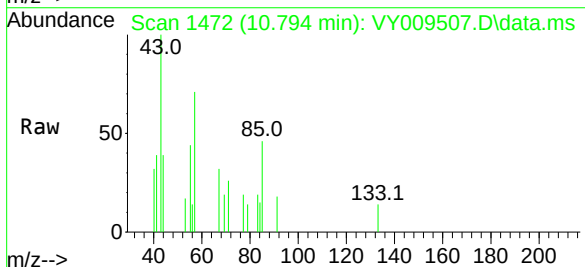
Instrument :
MSVOA_Y
ClientSampleId :

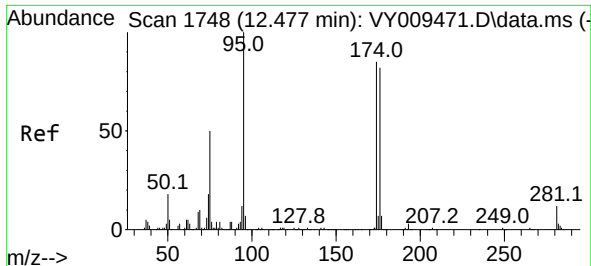
Tgt Ion: 98 Resp: 140883
Ion Ratio Lower Upper
98 100
100 65.2 50.2 75.2



#59
2-Hexanone
Concen: 1.274 ug/l
RT: 10.794 min Scan# 1472
Delta R.T. -0.030 min
Lab File: VY009507.D
Acq: 11 Jul 2022 14:03

Tgt Ion: 43 Resp: 995
Ion Ratio Lower Upper
43 100
58 0.0 24.4 73.4#

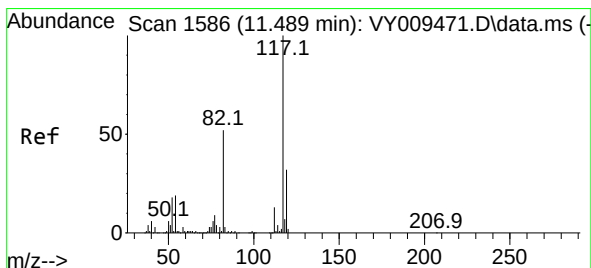
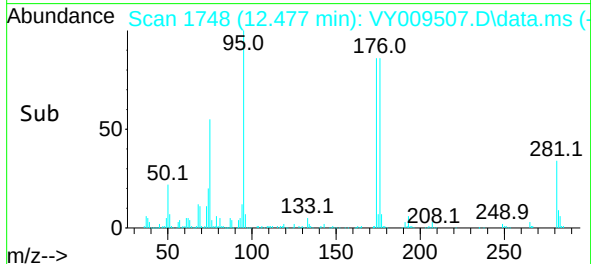
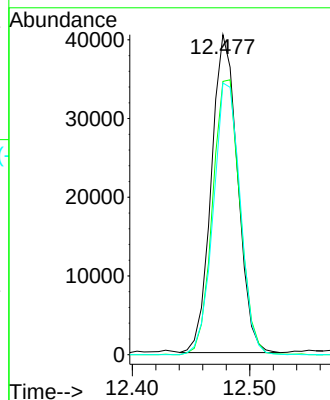
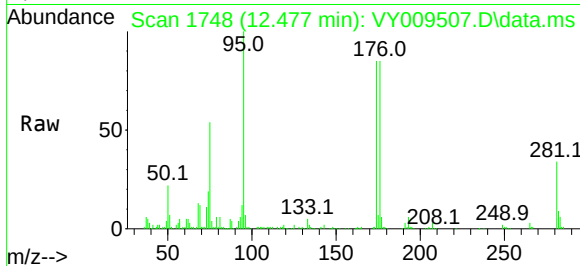




#62
4-Bromofluorobenzene
Concen: 39.476 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009507.D
Acq: 11 Jul 2022 14:03

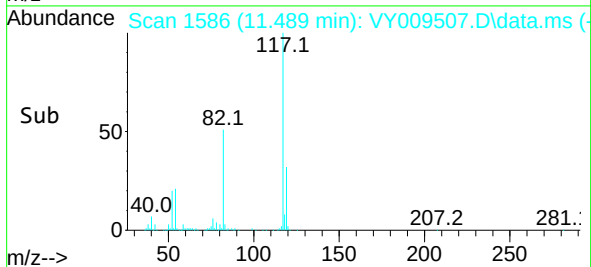
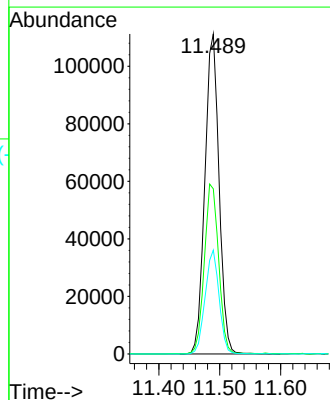
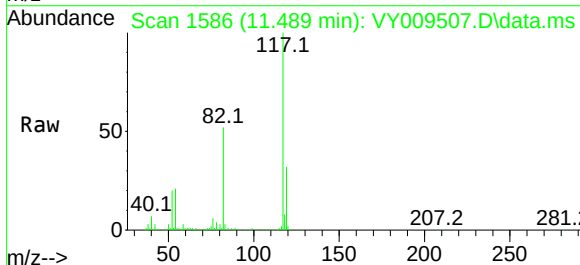
Instrument :
MSVOA_Y
ClientSampleId :

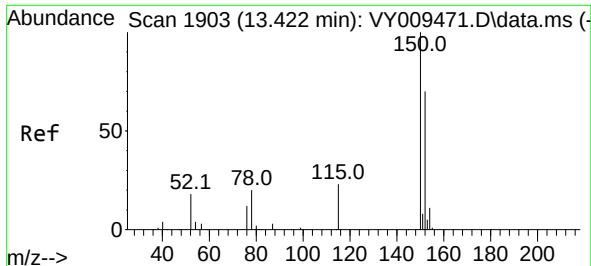
Tgt Ion: 95 Resp: 62742
Ion Ratio Lower Upper
95 100
174 89.8 0.0 177.0
176 87.5 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY009507.D
Acq: 11 Jul 2022 14:03

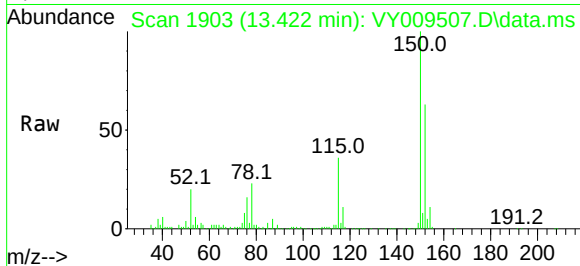
Tgt Ion: 117 Resp: 180043
Ion Ratio Lower Upper
117 100
82 51.5 43.0 64.4
119 32.5 25.4 38.0



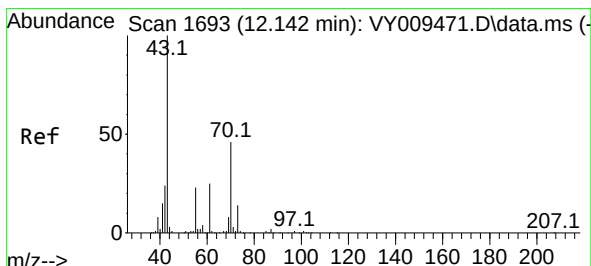
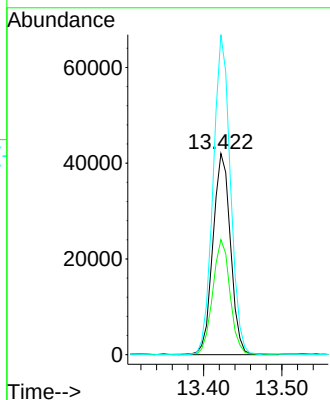
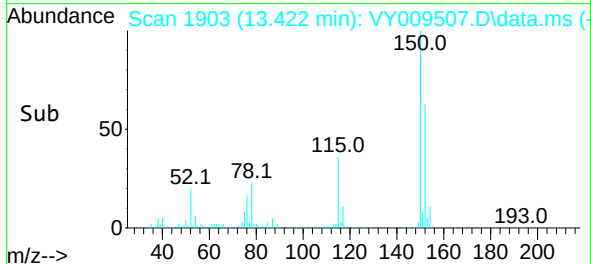


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY009507.D
Acq: 11 Jul 2022 14:03

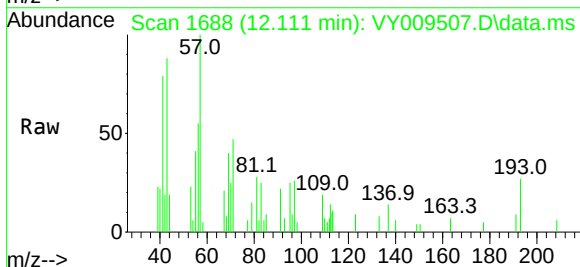
Instrument :
MSVOA_Y
ClientSampleId :



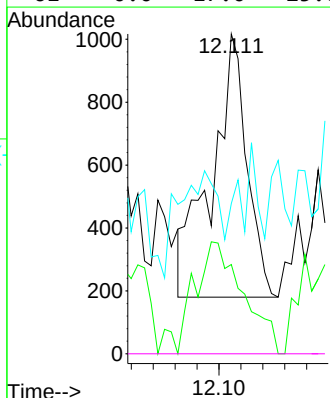
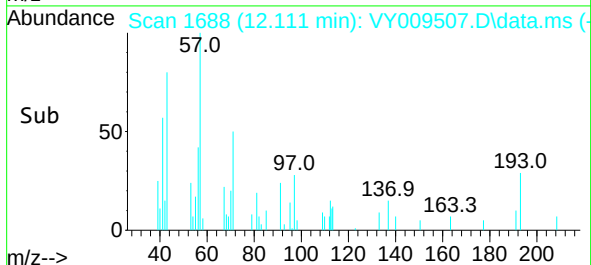
Tgt Ion:152 Resp: 65672
Ion Ratio Lower Upper
152 100
115 56.7 28.2 84.7
150 155.8 0.0 347.6

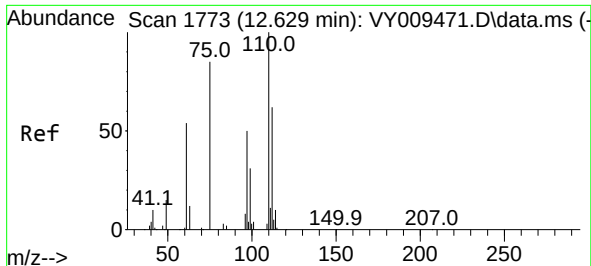


#74
N-ethyl acetate
Concen: 1.465 ug/l
RT: 12.111 min Scan# 1688
Delta R.T. -0.031 min
Lab File: VY009507.D
Acq: 11 Jul 2022 14:03



Tgt Ion: 43 Resp: 1872
Ion Ratio Lower Upper
43 100
70 0.0 28.7 43.1#
55 14.9 17.3 25.9#
61 0.0 17.0 25.6#

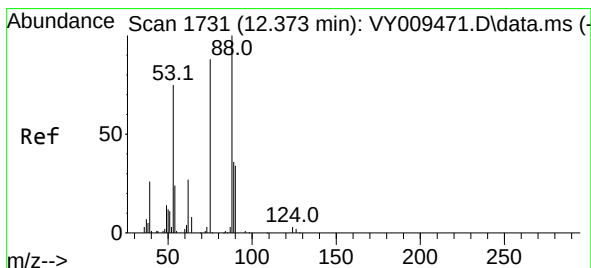
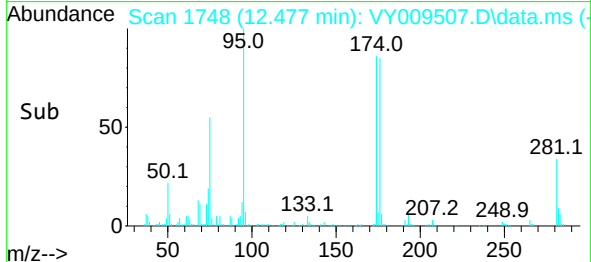
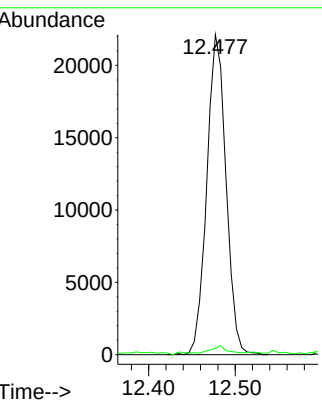
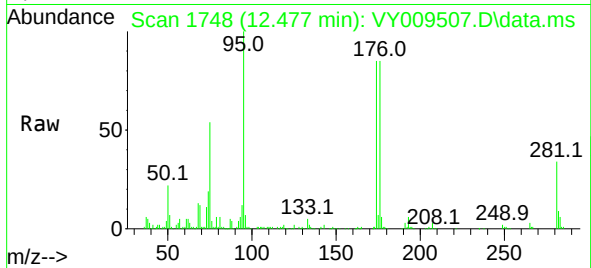




#76
1,2,3-Trichloropropane
Concen: 49.095 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY009507.D
Acq: 11 Jul 2022 14:03

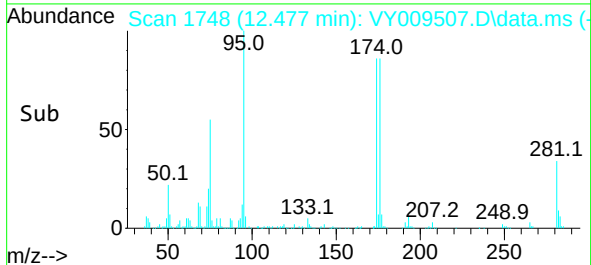
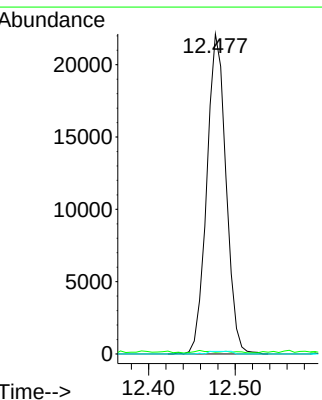
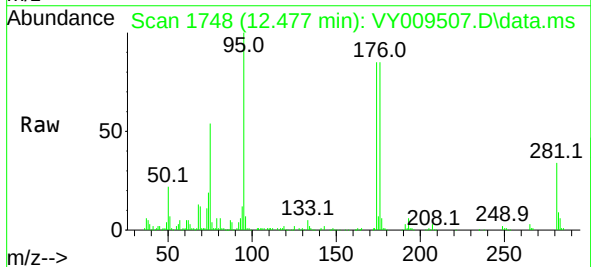
Instrument :
MSVOA_Y
ClientSampleId :

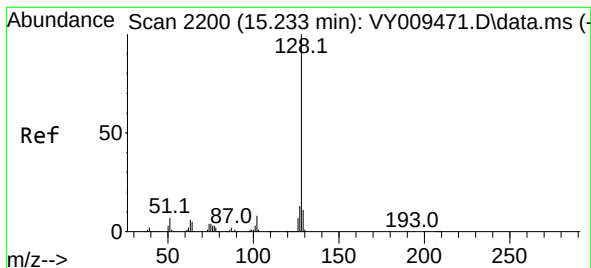
Tgt Ion: 75 Resp: 34130
Ion Ratio Lower Upper
75 100
77 2.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 100.479 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY009507.D
Acq: 11 Jul 2022 14:03

Tgt Ion: 75 Resp: 34130
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 1.0 37.0 55.4#





#95

Naphthalene

Concen: 1.642 ug/l

RT: 15.233 min Scan# 21

Delta R.T. -0.000 min

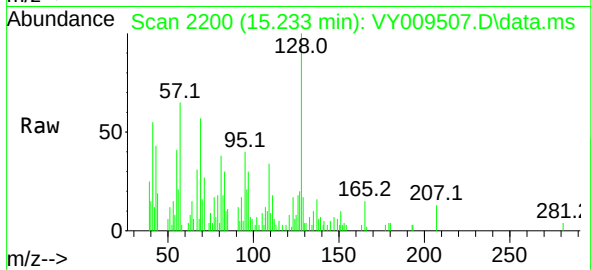
Lab File: VY009507.D

Acq: 11 Jul 2022 14:03

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	128	Resp:	4094
Ion	Ratio	Lower	Upper
128	100		
127	27.1	11.0	16.4#
129	9.9	8.4	12.6

