

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071122\
 Data File : VY009518.D
 Acq On : 11 Jul 2022 18:12
 Operator : KP/MD
 Sample : N3648-01
 Misc : 4.58g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jul 12 05:04:44 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)

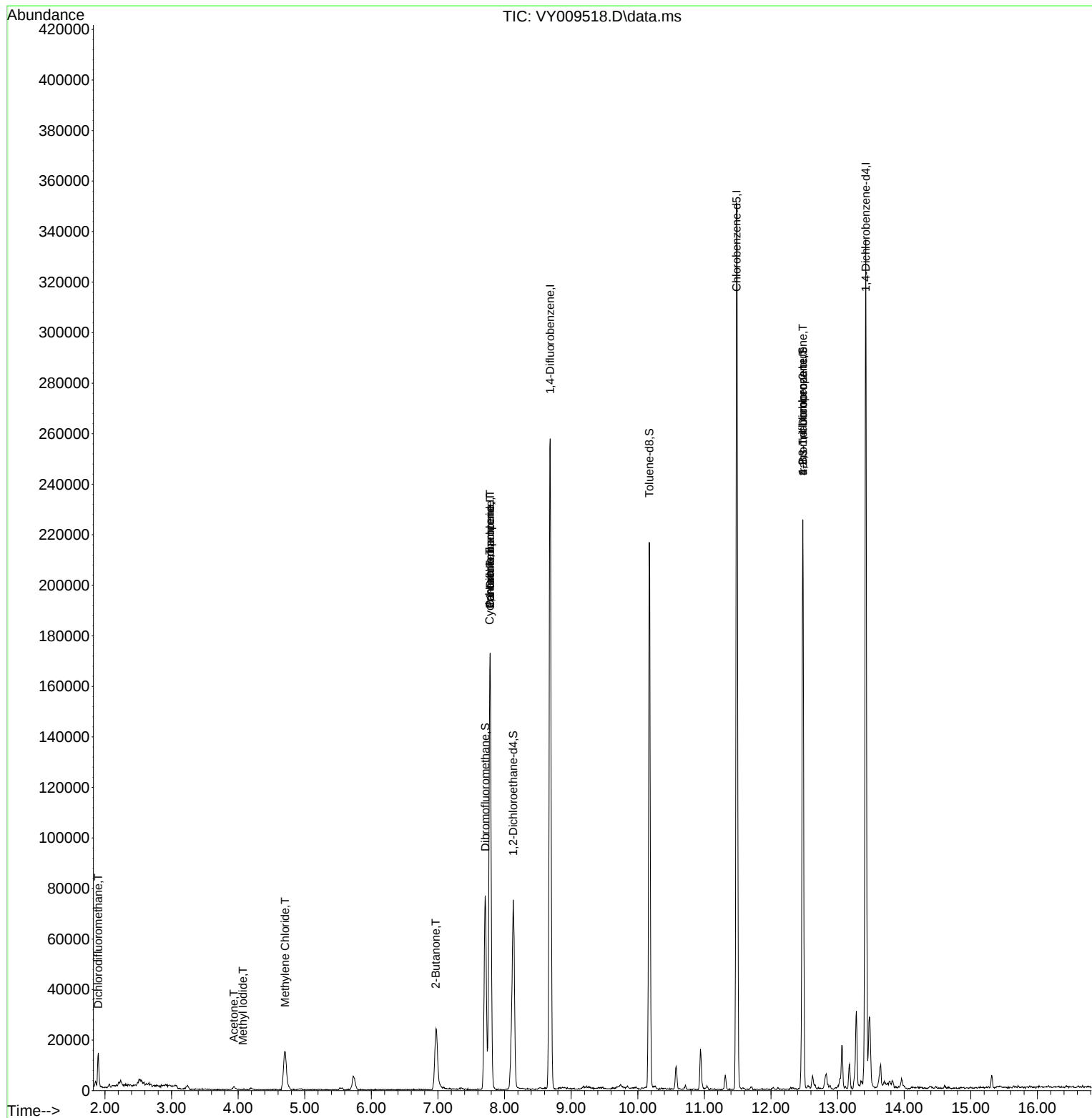
Internal Standards						
1) Pentafluorobenzene	7.783	168	139352	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	222480	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.484	117	192609	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	83957	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	48633	49.476	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.960%
35) Dibromofluoromethane	7.710	113	52815	45.117	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.240%
50) Toluene-d8	10.173	98	133630	40.013	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	80.020%
62) 4-Bromofluorobenzene	12.477	95	63828	38.627	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	77.260%
Target Compounds			Qvalue			
2) Dichlorodifluoromethane	1.900	85	10258	9.599	ug/l	94
10) Methyl Iodide	4.070	142	118	4.228	ug/l #	35
11) Tert butyl alcohol	4.948	59	560	Below Cal	#	77
16) Acetone	3.936	43	2020	5.959	ug/l	99
20) Methylene Chloride	4.704	84	11453	2.661	ug/l #	84
25) 2-Butanone	6.966	43	1491	2.719	ug/l	96
31) Cyclohexane	7.777	56	2997	1.311	ug/l #	9
36) 1,1-Dichloropropene	7.783	75	10464	5.491	ug/l #	50
38) Carbon Tetrachloride	7.783	117	13195	6.474	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	34271	38.561	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	34271	78.920	ug/l #	8

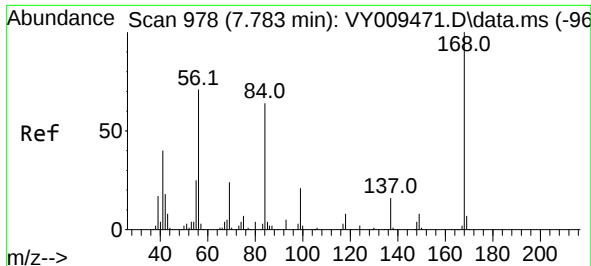
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071122\
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QLast Update : Fri Jul 08 11:00:56 2022
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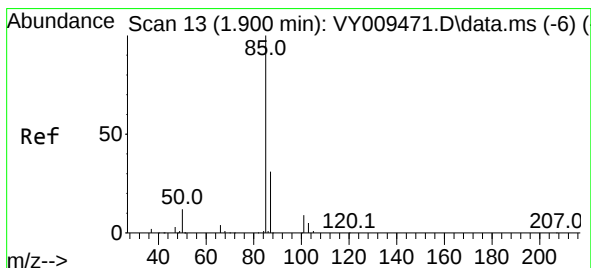
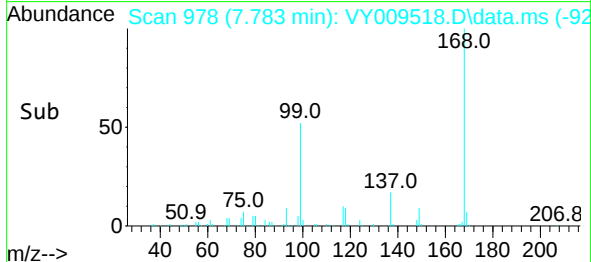
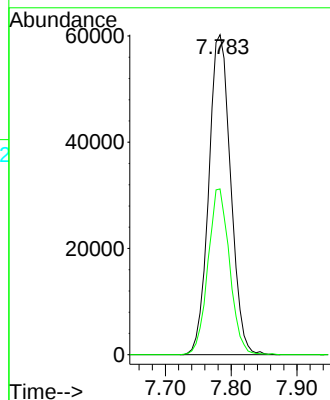
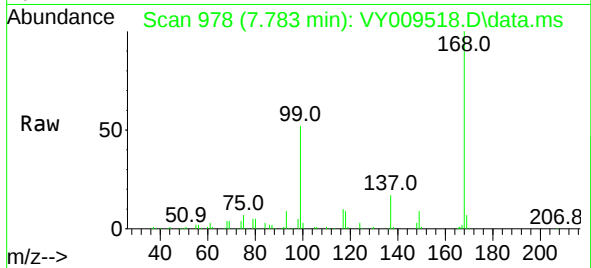




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009518.D
Acq: 11 Jul 2022 18:12

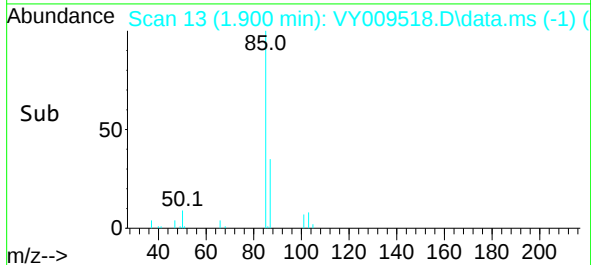
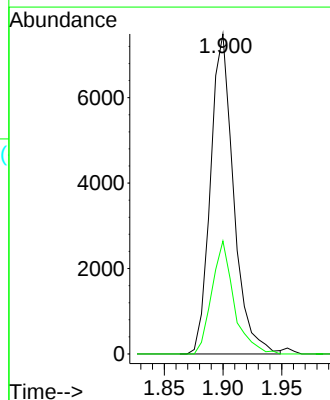
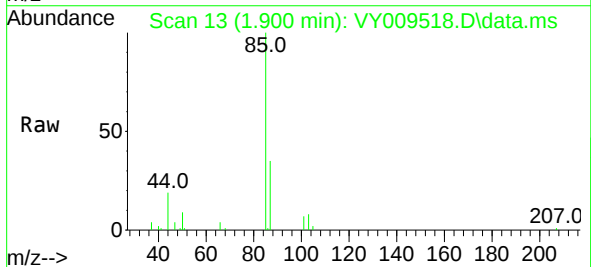
Instrument :
MSVOA_Y
ClientSampleId :

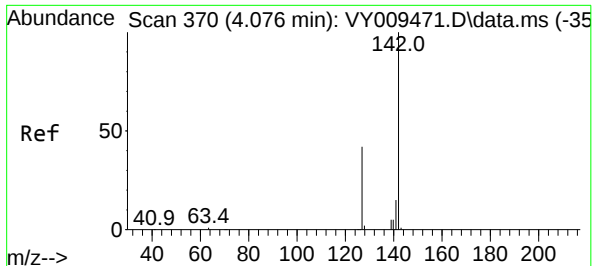
Tgt Ion:168 Resp: 139352
Ion Ratio Lower Upper
168 100
99 51.8 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 9.599 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY009518.D
Acq: 11 Jul 2022 18:12

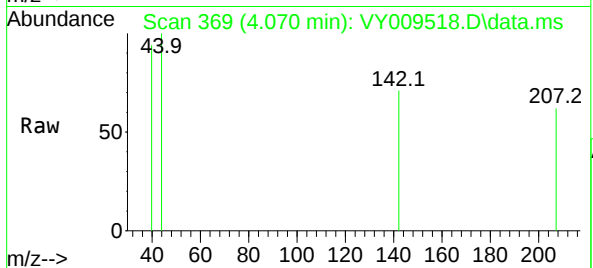
Tgt Ion: 85 Resp: 10258
Ion Ratio Lower Upper
85 100
87 35.3 16.1 48.2



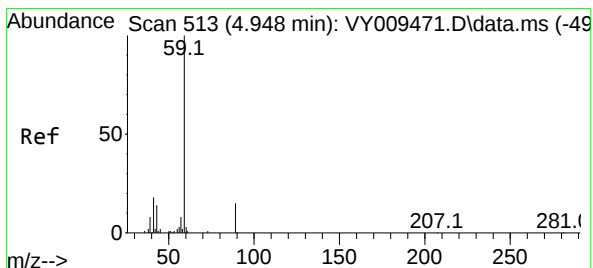
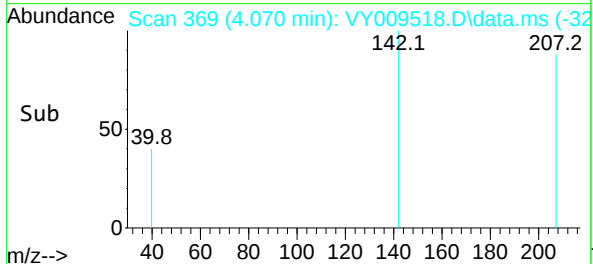
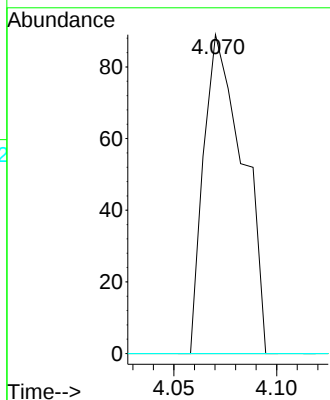


#10
Methyl Iodide
Concen: 4.228 ug/l
RT: 4.070 min Scan# 30
Delta R.T. -0.006 min
Lab File: VY009518.D
Acq: 11 Jul 2022 18:12

Instrument :
MSVOA_Y
ClientSampleId :

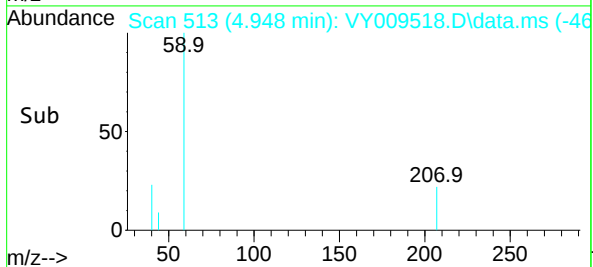
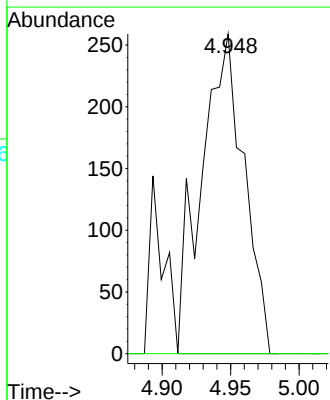
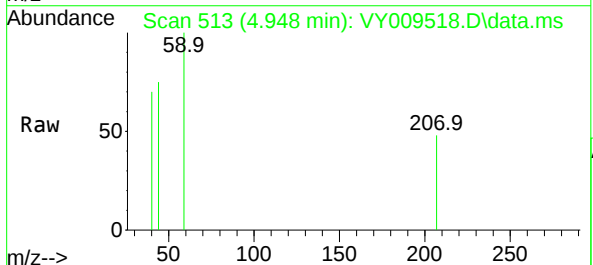


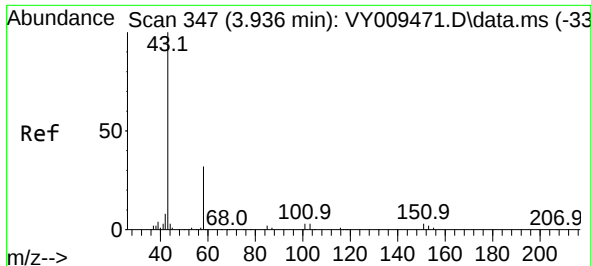
Tgt Ion:142 Resp: 118
Ion Ratio Lower Upper
142 100
127 0.0 41.5 62.3#
141 0.0 11.9 17.9#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.948 min Scan# 513
Delta R.T. 0.000 min
Lab File: VY009518.D
Acq: 11 Jul 2022 18:12

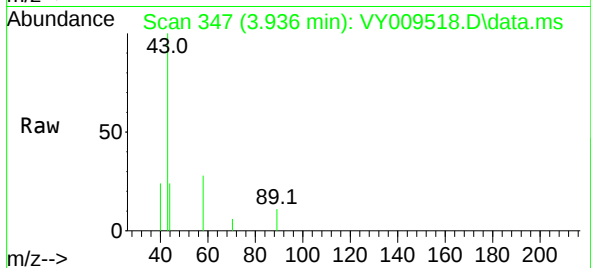
Tgt Ion: 59 Resp: 560
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#



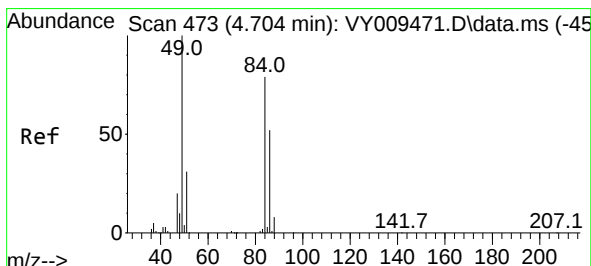
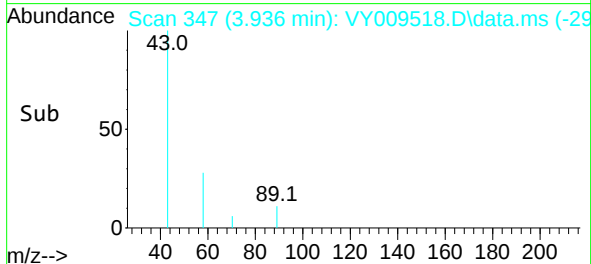
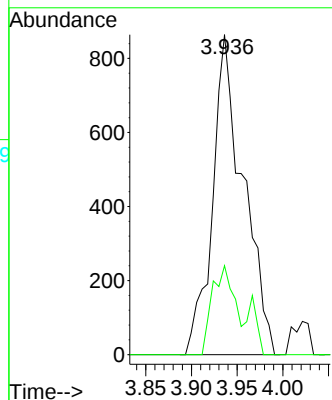


#16
Acetone
Concen: 5.959 ug/l
RT: 3.936 min Scan# 347
Delta R.T. 0.000 min
Lab File: VY009518.D
Acq: 11 Jul 2022 18:12

Instrument :
MSVOA_Y
ClientSampleId :

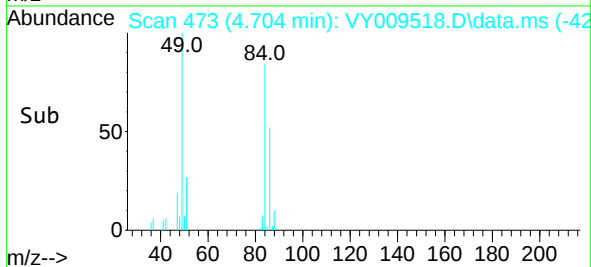
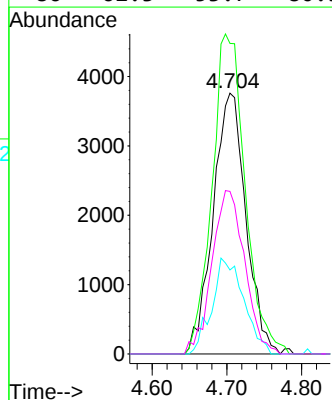
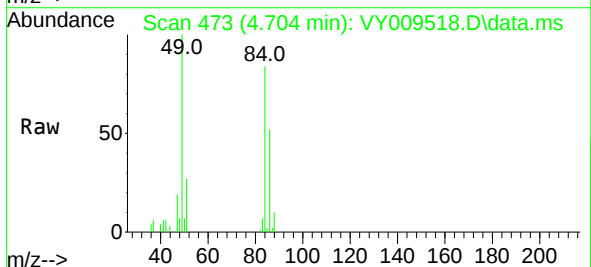


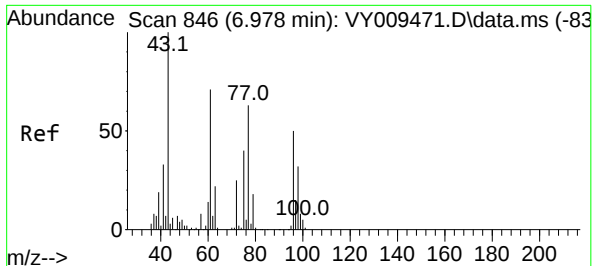
Tgt Ion: 43 Resp: 2020
Ion Ratio Lower Upper
43 100
58 27.8 22.0 33.0



#20
Methylene Chloride
Concen: 2.661 ug/l
RT: 4.704 min Scan# 473
Delta R.T. 0.000 min
Lab File: VY009518.D
Acq: 11 Jul 2022 18:12

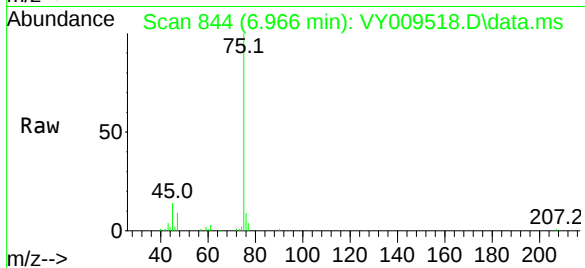
Tgt Ion: 84 Resp: 11453
Ion Ratio Lower Upper
84 100
49 119.1 114.4 171.6
51 32.2 35.3 52.9#
86 62.3 53.7 80.5



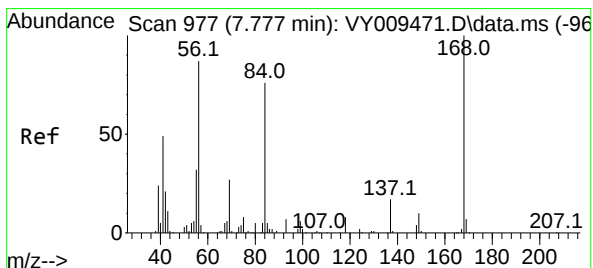
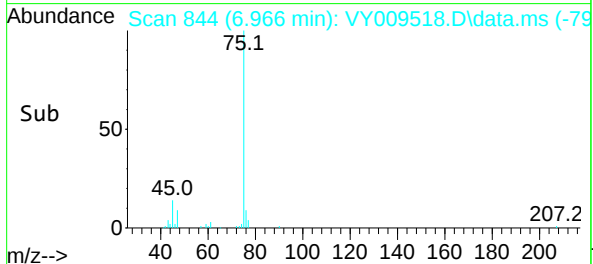
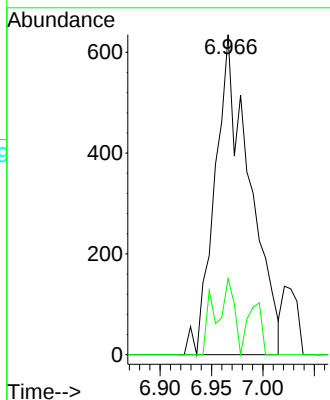


#25
2-Butanone
Concen: 2.719 ug/l
RT: 6.966 min Scan# 846
Delta R.T. -0.012 min
Lab File: VY009518.D
Acq: 11 Jul 2022 18:12

Instrument :
MSVOA_Y
ClientSampleId :

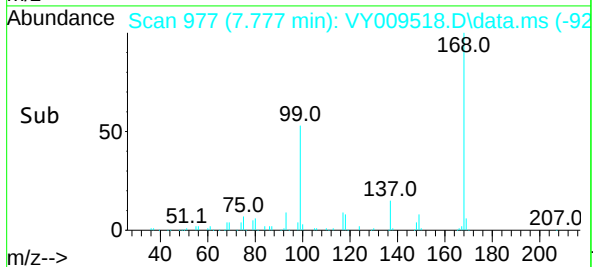
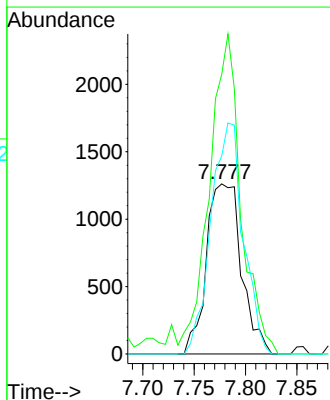
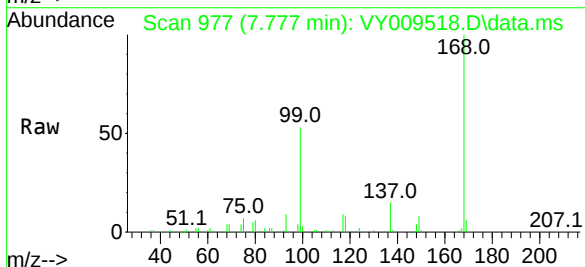


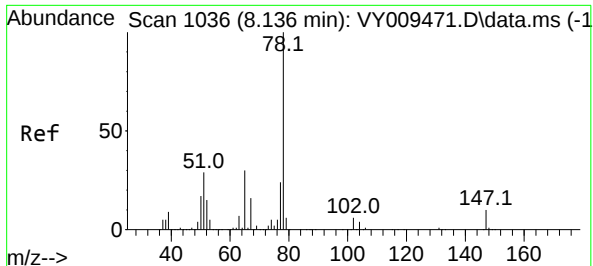
Tgt Ion: 43 Resp: 1491
Ion Ratio Lower Upper
43 100
72 23.8 17.7 26.5



#31
Cyclohexane
Concen: 1.311 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.000 min
Lab File: VY009518.D
Acq: 11 Jul 2022 18:12

Tgt Ion: 56 Resp: 2997
Ion Ratio Lower Upper
56 100
69 164.3 26.7 40.1#
84 116.3 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 49.476 ug/l

RT: 8.130 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VY009518.D

Acq: 11 Jul 2022 18:12

Instrument :

MSVOA_Y

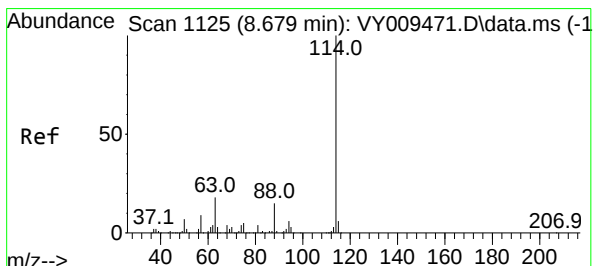
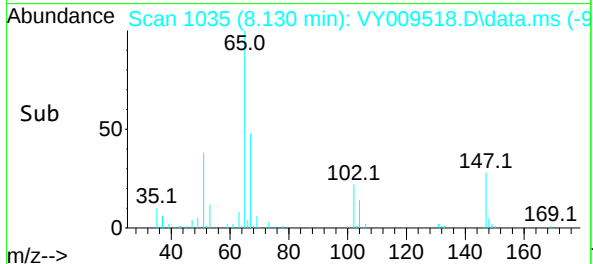
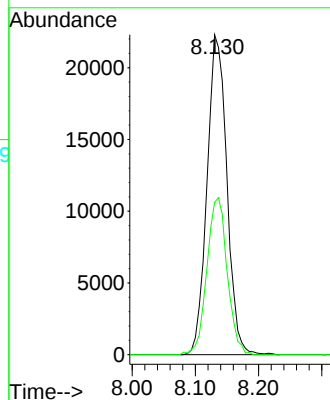
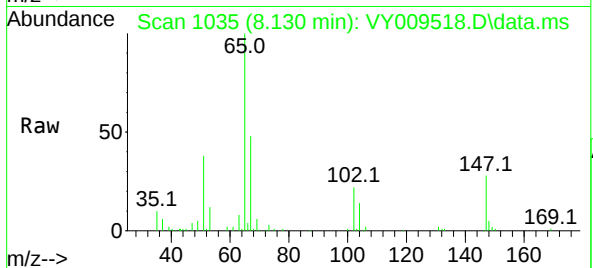
ClientSampleId :

Tgt Ion: 65 Resp: 48633

Ion Ratio Lower Upper

65 100

67 50.3 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: VY009518.D

Acq: 11 Jul 2022 18:12

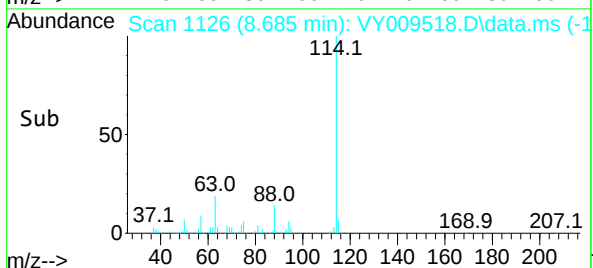
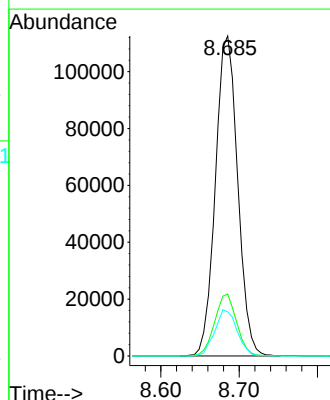
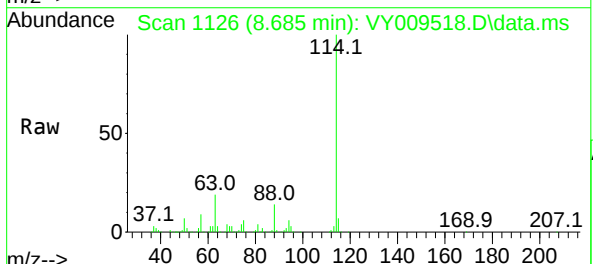
Tgt Ion: 114 Resp: 222480

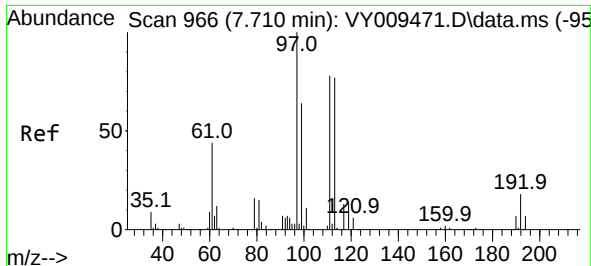
Ion Ratio Lower Upper

114 100

63 19.3 0.0 43.2

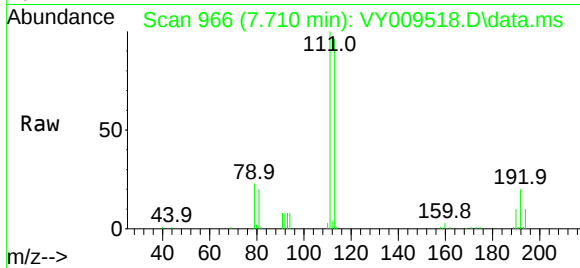
88 13.8 0.0 31.8



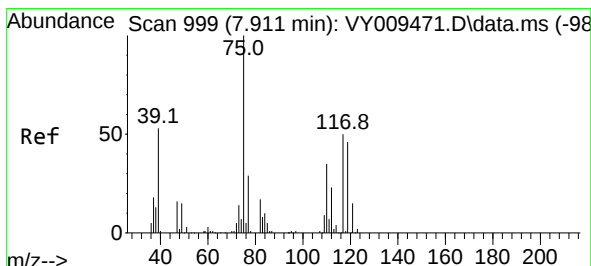
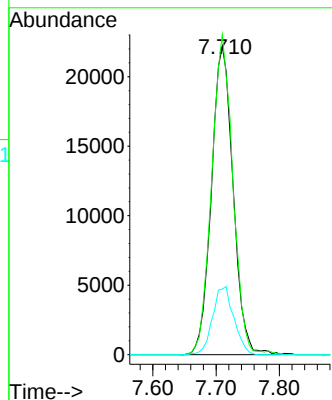
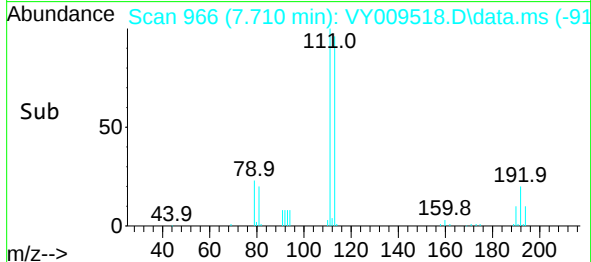


#35
Dibromofluoromethane
Concen: 45.117 ug/l
RT: 7.710 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009518.D
Acq: 11 Jul 2022 18:12

Instrument :
MSVOA_Y
ClientSampleId :

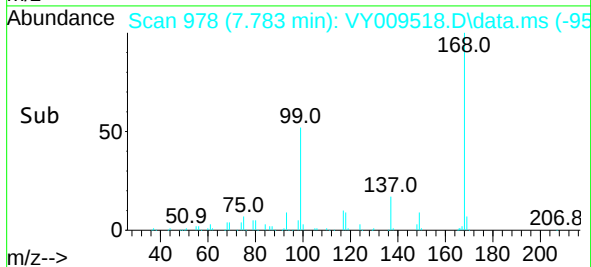
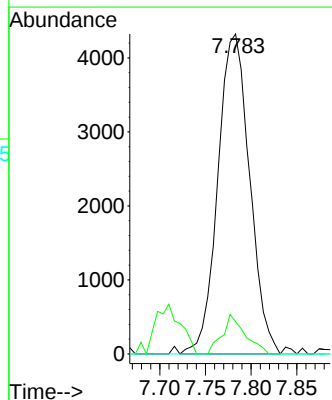
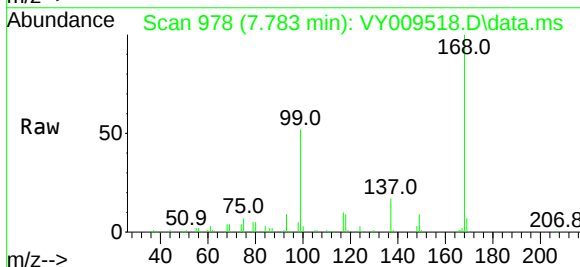


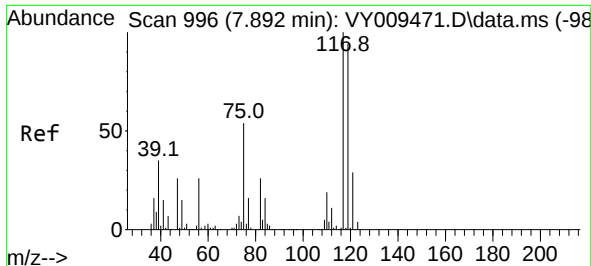
Tgt Ion:113 Resp: 52815
Ion Ratio Lower Upper
113 100
111 101.7 82.6 124.0
192 21.6 17.6 26.4



#36
1,1-Dichloropropene
Concen: 5.491 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY009518.D
Acq: 11 Jul 2022 18:12

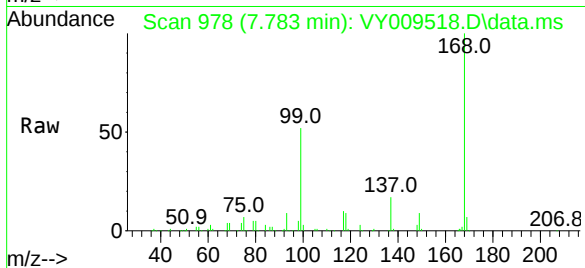
Tgt Ion: 75 Resp: 10464
Ion Ratio Lower Upper
75 100
110 8.9 17.1 51.2#
77 0.0 24.4 36.6#



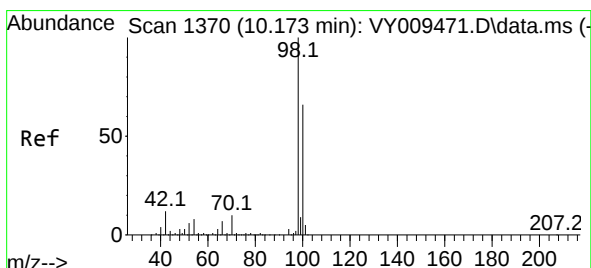
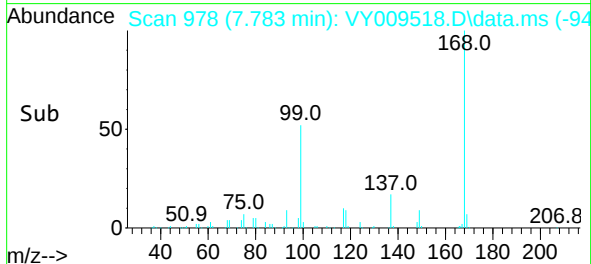
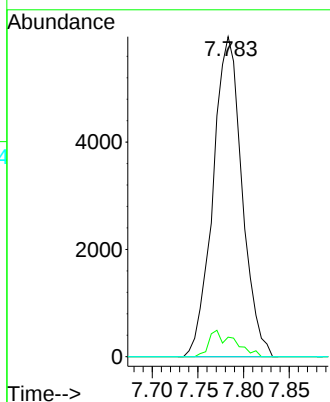


#38
Carbon Tetrachloride
Concen: 6.474 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.109 min
Lab File: VY009518.D
Acq: 11 Jul 2022 18:12

Instrument :
MSVOA_Y
ClientSampleId :

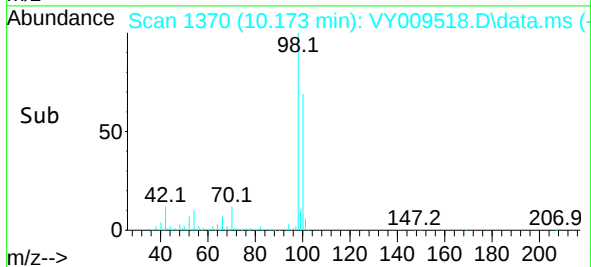
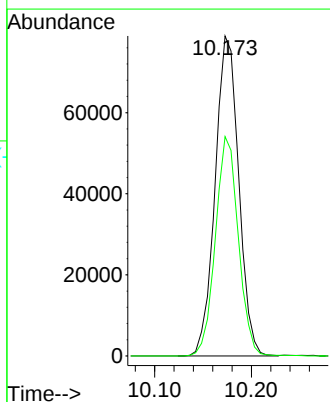
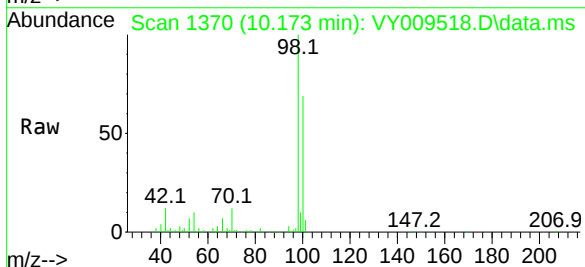


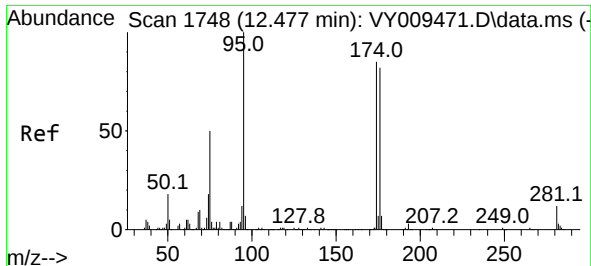
Tgt Ion:117 Resp: 13195
Ion Ratio Lower Upper
117 100
119 6.1 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 40.013 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.000 min
Lab File: VY009518.D
Acq: 11 Jul 2022 18:12

Tgt Ion: 98 Resp: 133630
Ion Ratio Lower Upper
98 100
100 66.6 50.2 75.2

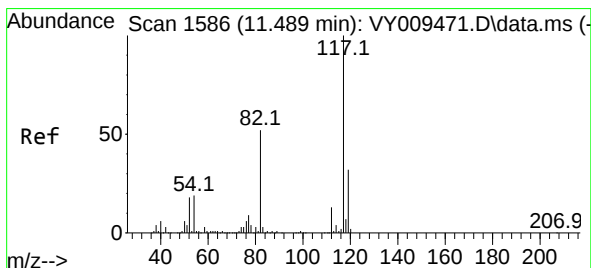
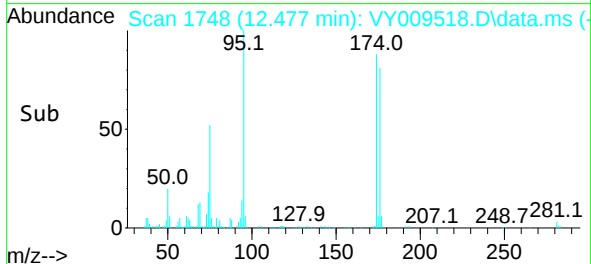
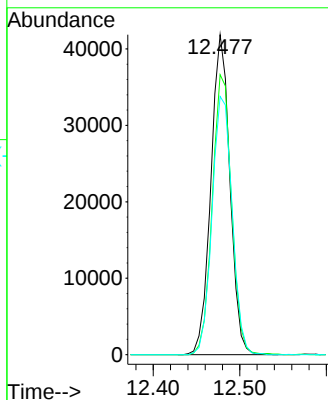
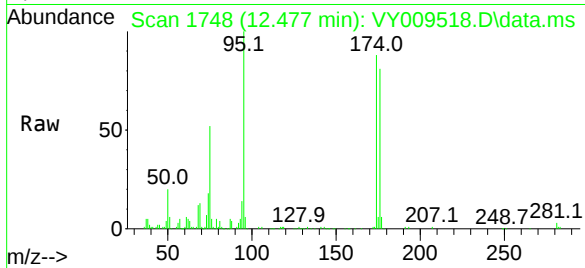




#62
4-Bromofluorobenzene
Concen: 38.627 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009518.D
Acq: 11 Jul 2022 18:12

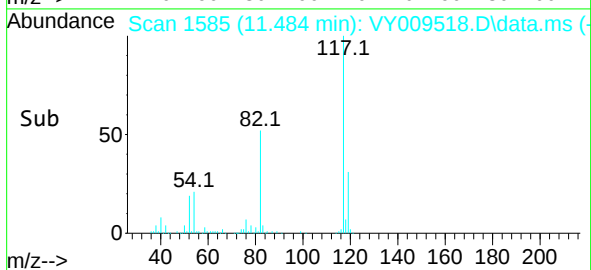
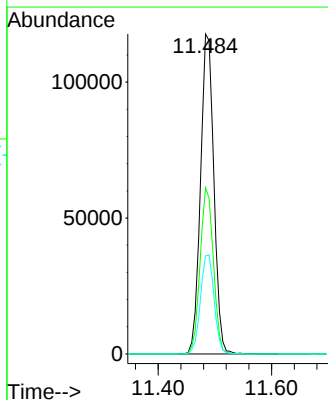
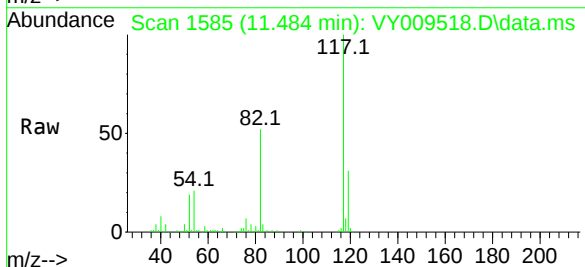
Instrument :
MSVOA_Y
ClientSampleId :

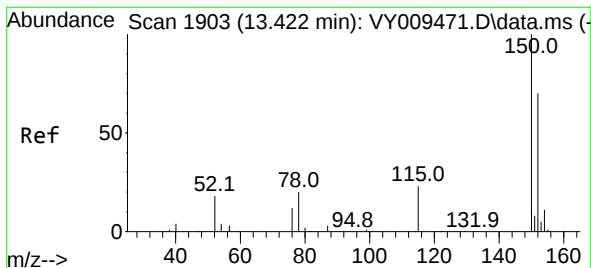
Tgt Ion: 95 Resp: 63828
Ion Ratio Lower Upper
95 100
174 88.9 0.0 177.0
176 85.3 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.484 min Scan# 1585
Delta R.T. -0.005 min
Lab File: VY009518.D
Acq: 11 Jul 2022 18:12

Tgt Ion: 117 Resp: 192609
Ion Ratio Lower Upper
117 100
82 52.0 43.0 64.4
119 30.7 25.4 38.0

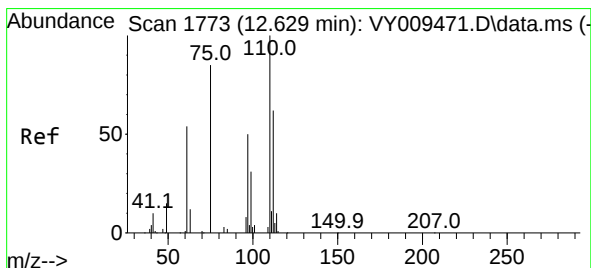
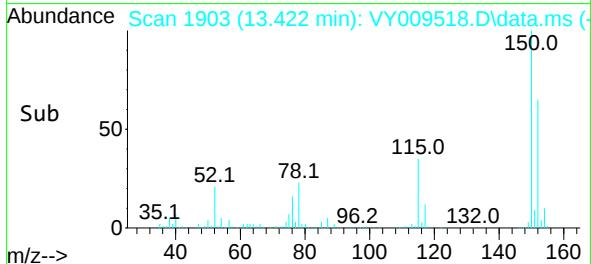
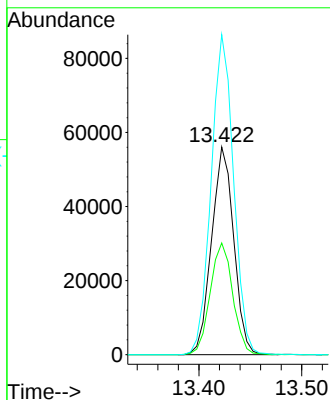
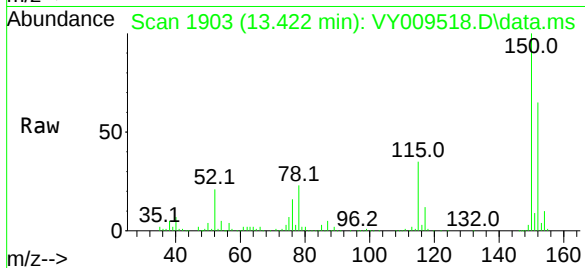




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY009518.D
 Acq: 11 Jul 2022 18:12

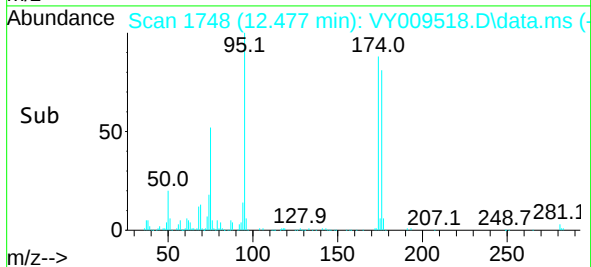
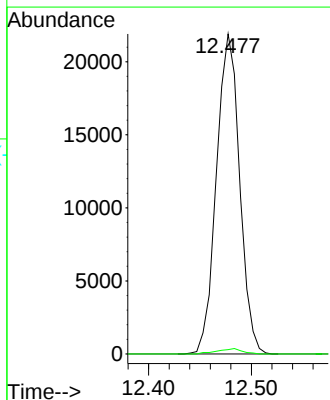
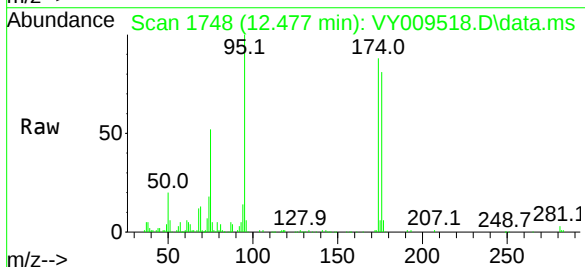
Instrument :
 MSVOA_Y
 ClientSampleId :

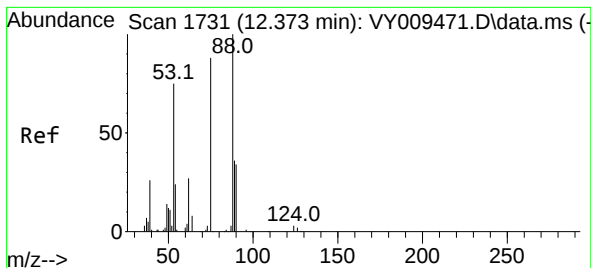
Tgt Ion:152 Resp: 83957
 Ion Ratio Lower Upper
 152 100
 115 54.8 28.2 84.7
 150 156.2 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 38.561 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.152 min
 Lab File: VY009518.D
 Acq: 11 Jul 2022 18:12

Tgt Ion: 75 Resp: 34271
 Ion Ratio Lower Upper
 75 100
 77 1.8 0.0 0.0#





#81

trans-1,4-Dichloro-2-butene

Concen: 78.920 ug/l

RT: 12.477 min Scan# 11

Delta R.T. 0.104 min

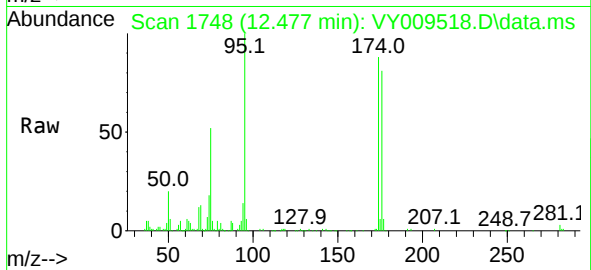
Lab File: VY009518.D

Acq: 11 Jul 2022 18:12

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 75 Resp: 34271

Ion Ratio Lower Upper

75 100

53 0.8 85.3 127.9#

89 0.0 37.0 55.4#

