

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062522\
 Data File : VY009321.D
 Acq On : 25 Jun 2022 14:11
 Operator : KP/MD
 Sample : N3488-01
 Misc : 3.59g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 27 10:27:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062422S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 25 07:08:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	179827	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	306172	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	286606	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	128504	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	105010	80.324	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	160.640%
35) Dibromofluoromethane	7.716	113	94310	57.068	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	114.140%
50) Toluene-d8	10.173	98	366393	79.949	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	159.900%#
62) 4-Bromofluorobenzene	12.477	95	121219	51.503	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	103.000%

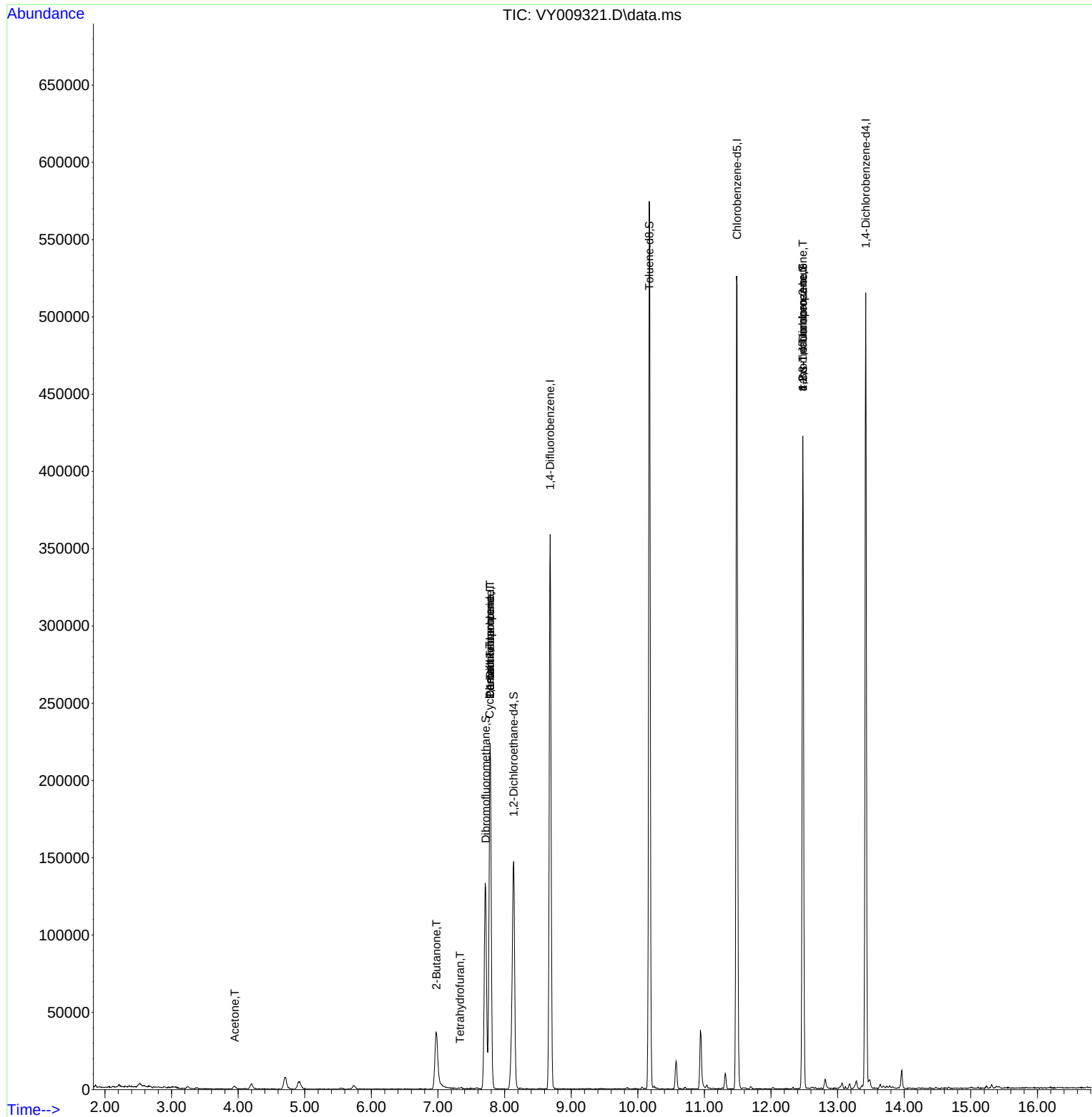
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.924	59	5178	Below Cal	#	78
16) Acetone	3.948	43	3529	7.676	ug/l	# 82
20) Methylene Chloride	4.704	84	5256	Below Cal	#	89
25) 2-Butanone	6.978	43	2378	3.440	ug/l	# 48
29) Tetrahydrofuran	7.332	42	557	1.255	ug/l	# 81
31) Cyclohexane	7.777	56	3474	1.068	ug/l	# 1
36) 1,1-Dichloropropene	7.783	75	14672	5.290	ug/l	# 48
38) Carbon Tetrachloride	7.783	117	17261	6.052	ug/l	# 17
76) 1,2,3-Trichloropropane	12.477	75	62402	50.041	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.477	75	62402	99.058	ug/l	# 13

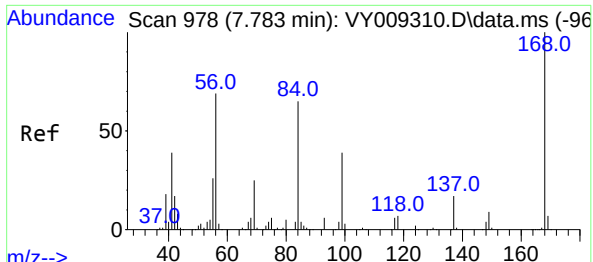
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062522\
Data File : VY009321.D
Acq On : 25 Jun 2022 14:11
Operator : KP/MD
Sample : N3488-01
Misc : 3.59g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

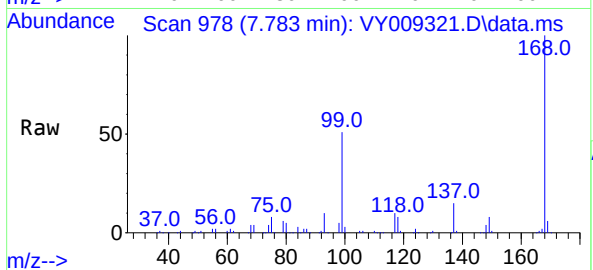
Quant Time: Jun 27 10:27:42 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062422S.M
Quant Title : SW846 8260
QLast Update : Sat Jun 25 07:08:46 2022
Response via : Initial Calibration



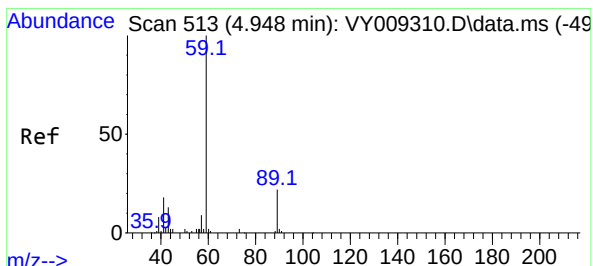
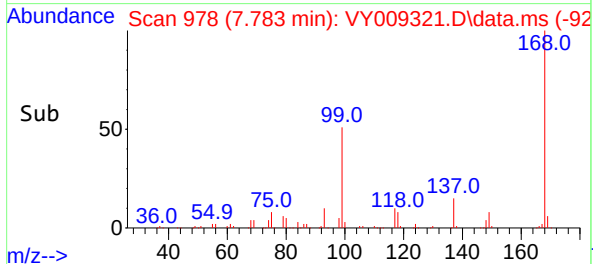
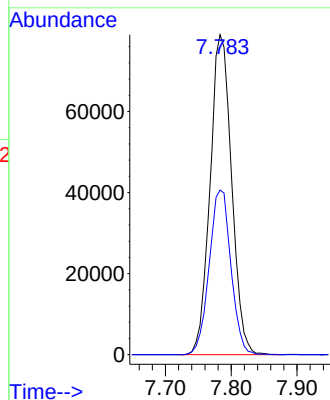


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009321.D
Acq: 25 Jun 2022 14:11

Instrument :
MSVOA_Y
ClientSampleId :

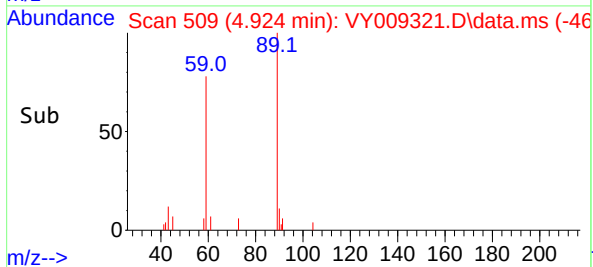
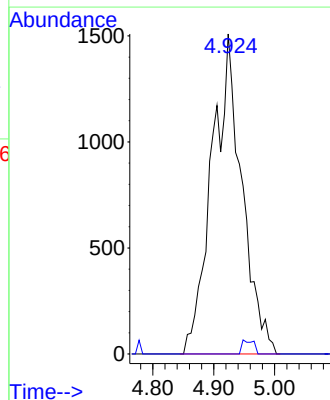
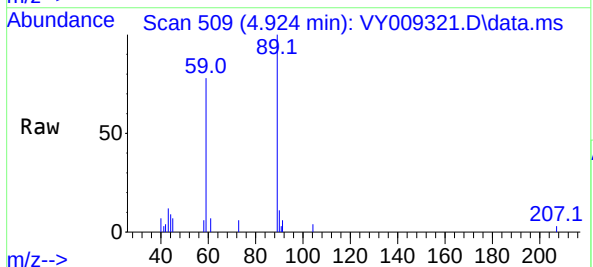


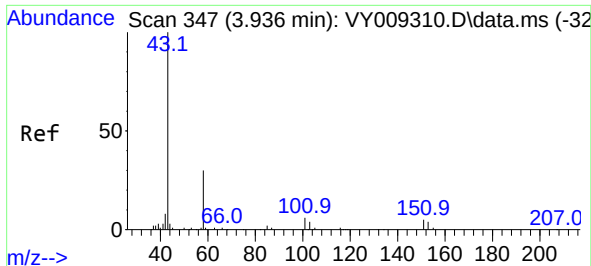
Tgt Ion:168 Resp: 179827
Ion Ratio Lower Upper
168 100
99 51.4 42.1 63.1



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.924 min Scan# 509
Delta R.T. -0.024 min
Lab File: VY009321.D
Acq: 25 Jun 2022 14:11

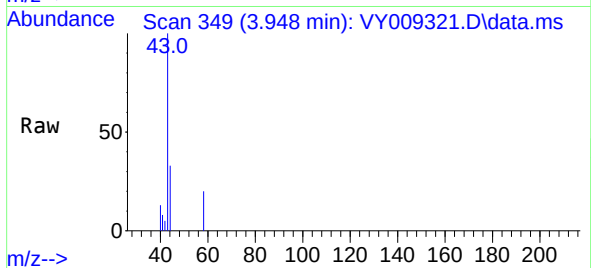
Tgt Ion: 59 Resp: 5178
Ion Ratio Lower Upper
59 100
57 0.0 6.3 9.5#



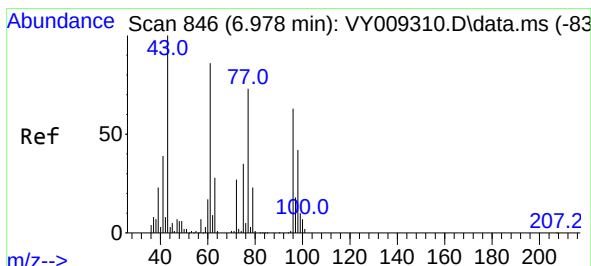
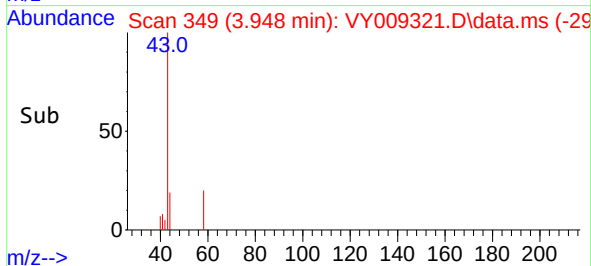
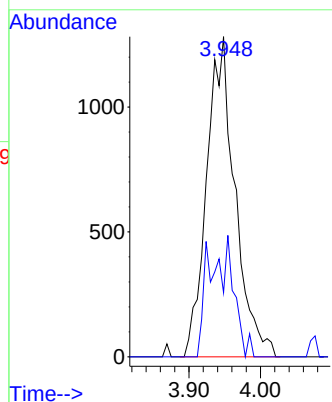


#16
Acetone
Concen: 7.676 ug/l
RT: 3.948 min Scan# 347
Delta R.T. 0.012 min
Lab File: VY009321.D
Acq: 25 Jun 2022 14:11

Instrument :
MSVOA_Y
ClientSampleId :

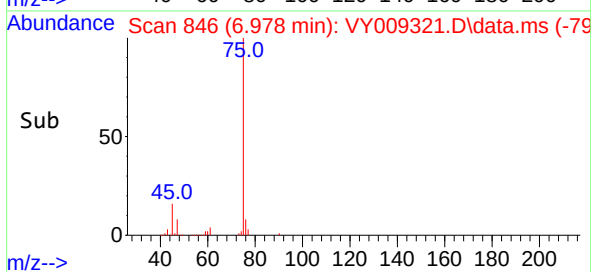
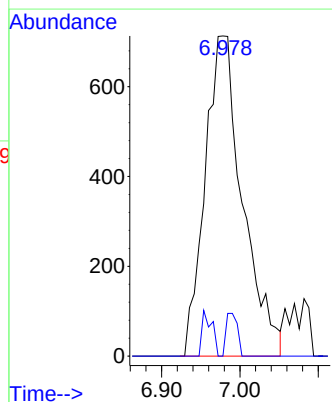
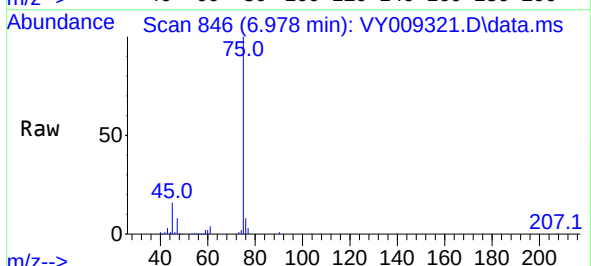


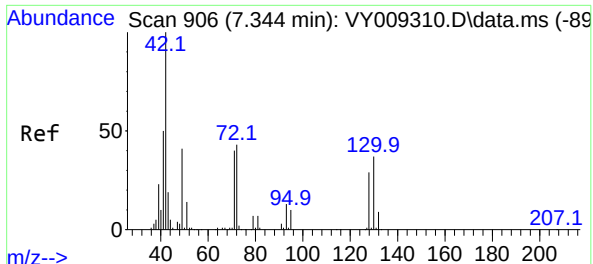
Tgt Ion: 43 Resp: 3529
Ion Ratio Lower Upper
43 100
58 20.0 24.0 36.0#



#25
2-Butanone
Concen: 3.440 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY009321.D
Acq: 25 Jun 2022 14:11

Tgt Ion: 43 Resp: 2378
Ion Ratio Lower Upper
43 100
72 0.0 21.5 32.3#





#29

Tetrahydrofuran

Concen: 1.255 ug/l

RT: 7.332 min Scan# 906

Delta R.T. -0.012 min

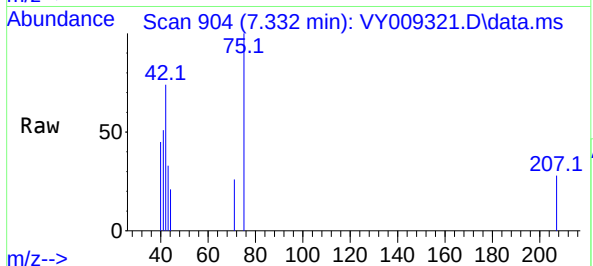
Lab File: VY009321.D

Acq: 25 Jun 2022 14:11

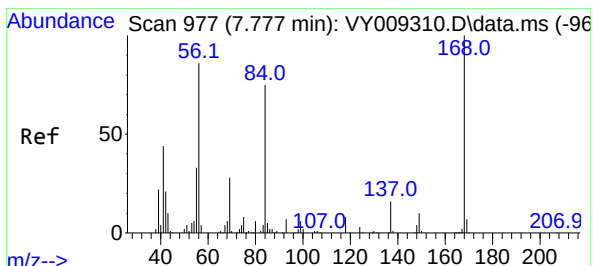
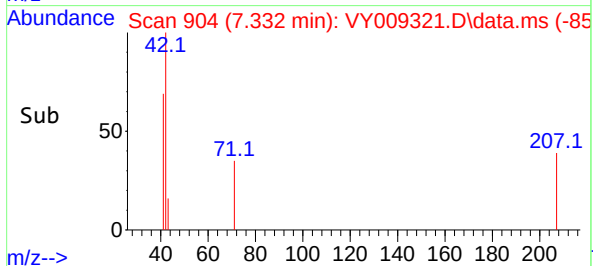
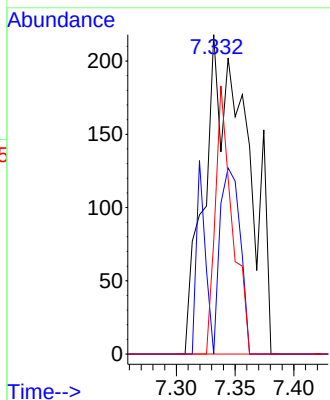
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	42	Resp:	557
Ion	Ratio	Lower	Upper
42	100		
72	27.3	34.6	52.0#
71	33.0	32.7	49.1



#31

Cyclohexane

Concen: 1.068 ug/l

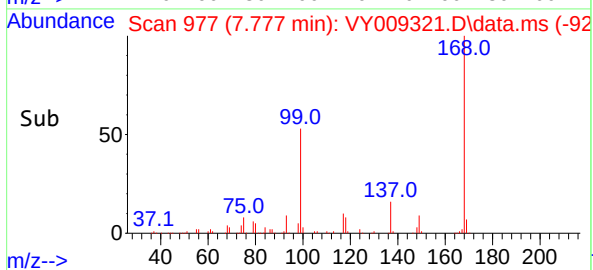
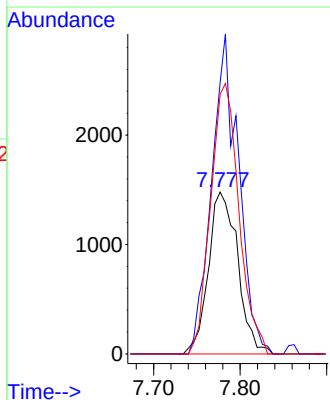
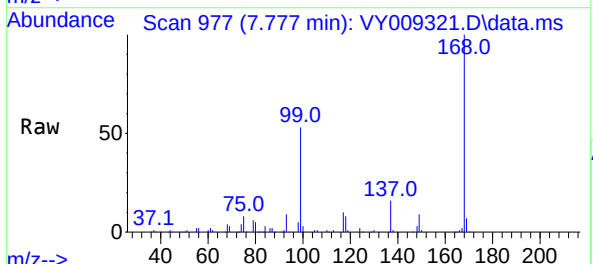
RT: 7.777 min Scan# 977

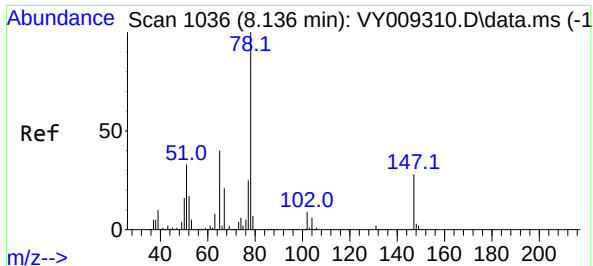
Delta R.T. 0.000 min

Lab File: VY009321.D

Acq: 25 Jun 2022 14:11

Tgt Ion:	56	Resp:	3474
Ion	Ratio	Lower	Upper
56	100		
69	167.4	26.0	39.0#
84	160.4	69.5	104.3#





#33

1,2-Dichloroethane-d4

Concen: 80.324 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.001 min

Lab File: VY009321.D

Acq: 25 Jun 2022 14:11

Instrument :

MSVOA_Y

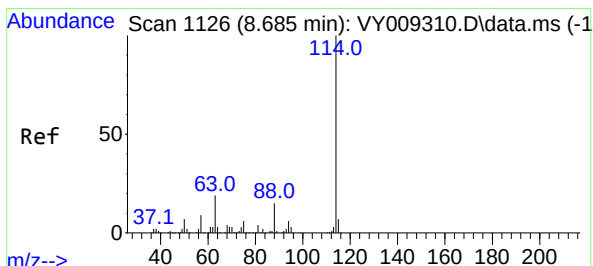
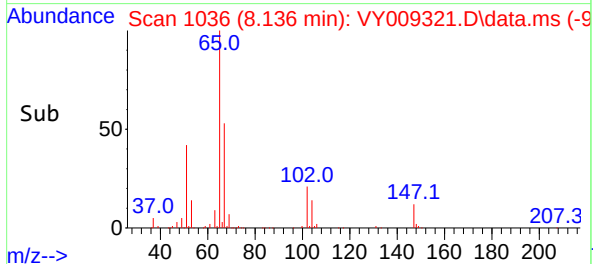
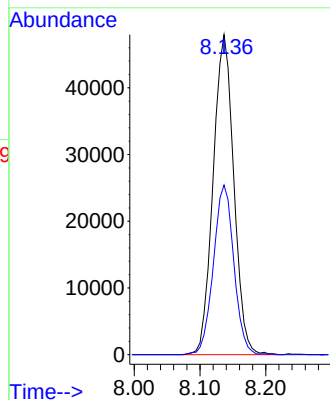
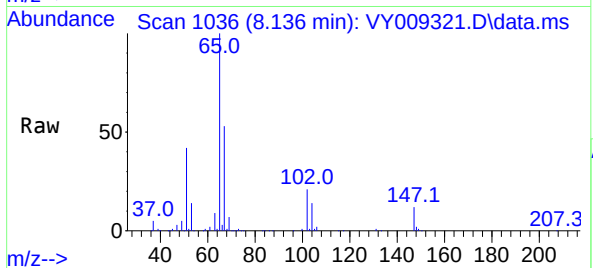
ClientSampleId :

Tgt Ion: 65 Resp: 105010

Ion Ratio Lower Upper

65 100

67 52.5 0.0 108.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY009321.D

Acq: 25 Jun 2022 14:11

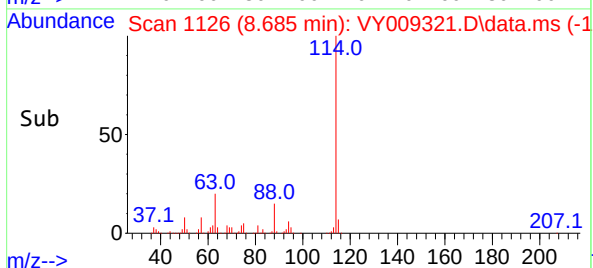
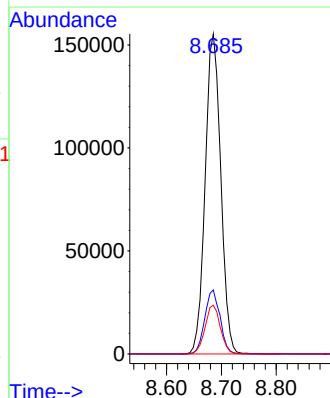
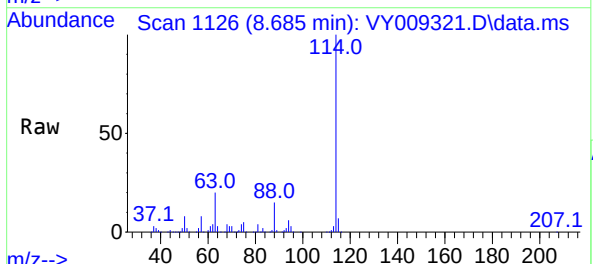
Tgt Ion: 114 Resp: 306172

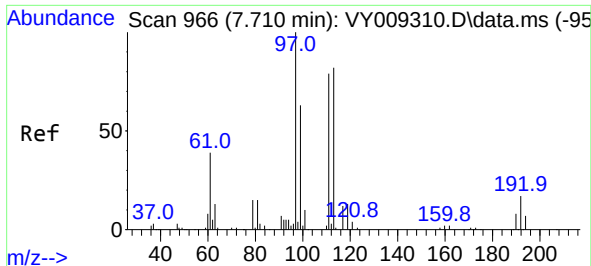
Ion Ratio Lower Upper

114 100

63 20.0 0.0 38.0

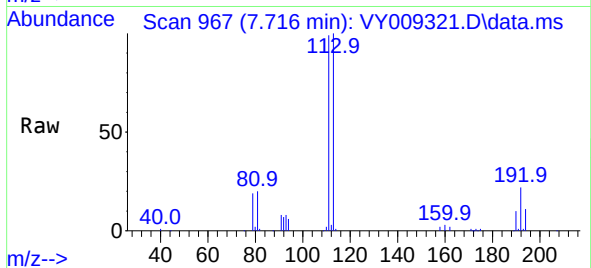
88 15.2 0.0 30.0



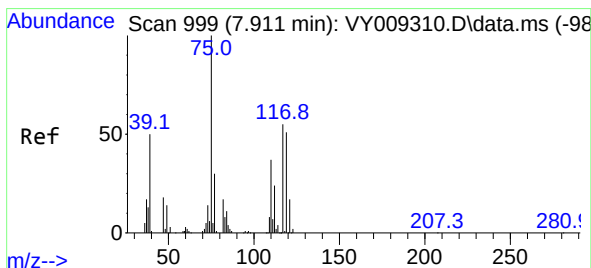
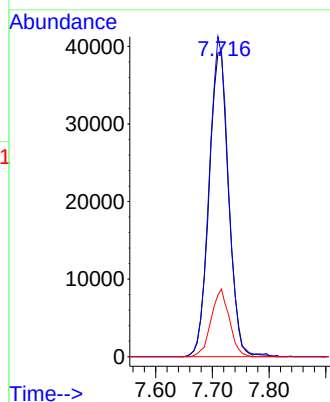
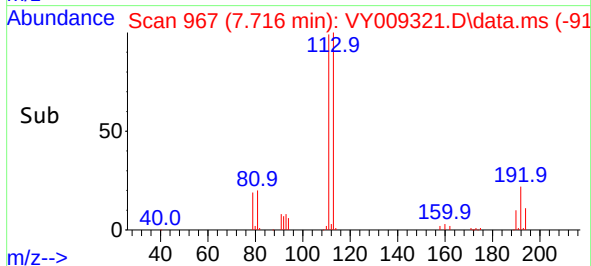


#35
Dibromofluoromethane
Concen: 57.068 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY009321.D
Acq: 25 Jun 2022 14:11

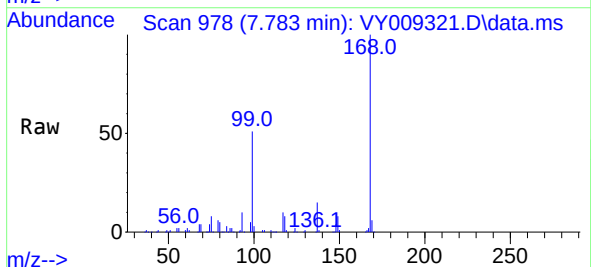
Instrument :
MSVOA_Y
ClientSampleId :



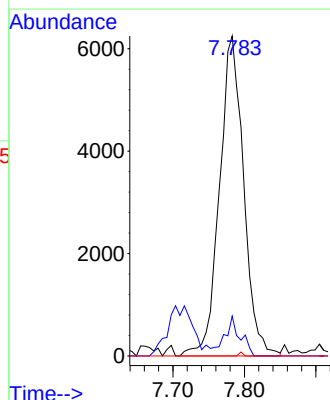
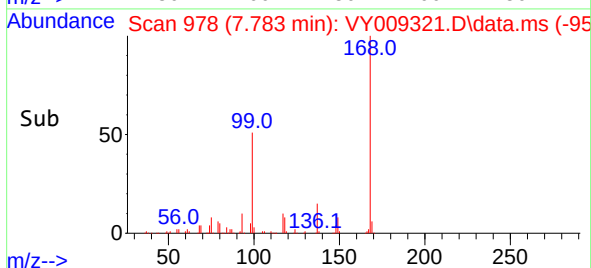
Tgt Ion:113 Resp: 94310
Ion Ratio Lower Upper
113 100
111 102.2 80.6 120.8
192 20.6 16.2 24.4

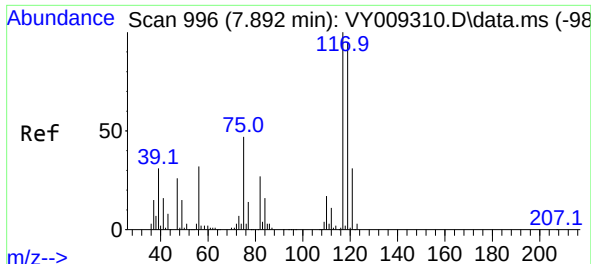


#36
1,1-Dichloropropene
Concen: 5.290 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY009321.D
Acq: 25 Jun 2022 14:11



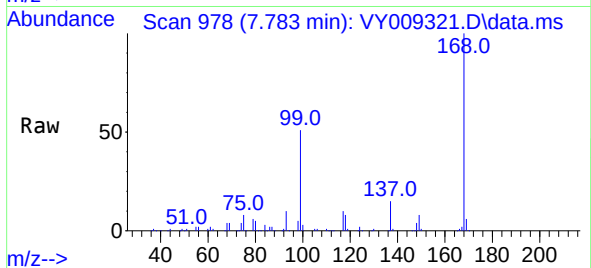
Tgt Ion: 75 Resp: 14672
Ion Ratio Lower Upper
75 100
110 8.0 18.6 56.0#
77 0.2 25.0 37.4#



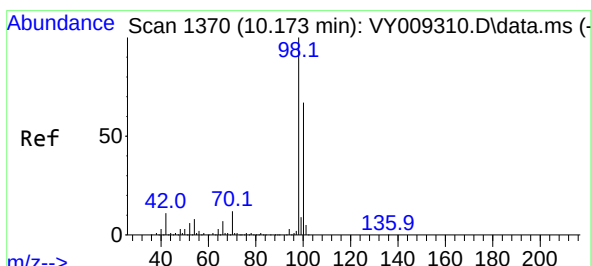
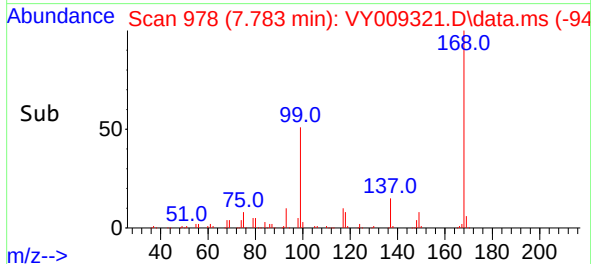
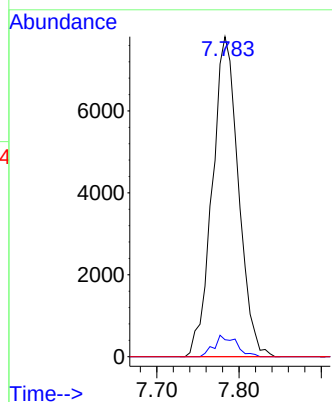


#38
Carbon Tetrachloride
Concen: 6.052 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY009321.D
Acq: 25 Jun 2022 14:11

Instrument :
MSVOA_Y
ClientSampleId :

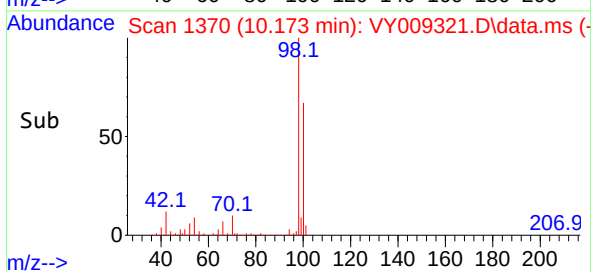
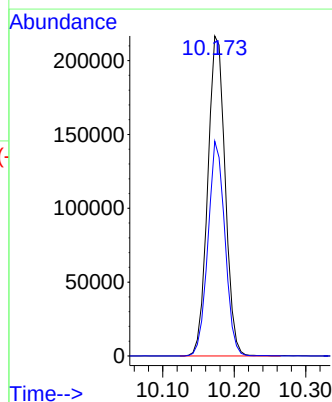
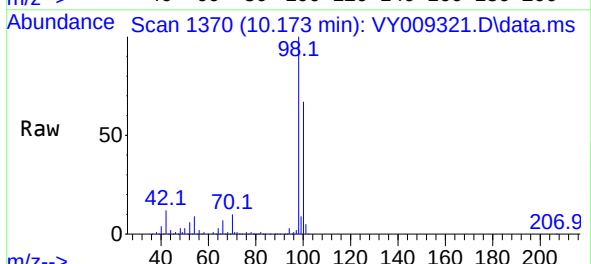


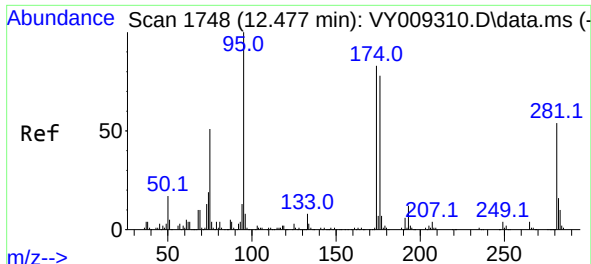
Tgt Ion:117 Resp: 17261
Ion Ratio Lower Upper
117 100
119 5.3 75.9 113.9#
121 0.0 24.9 37.3#



#50
Toluene-d8
Concen: 79.949 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.000 min
Lab File: VY009321.D
Acq: 25 Jun 2022 14:11

Tgt Ion: 98 Resp: 366393
Ion Ratio Lower Upper
98 100
100 65.2 52.9 79.3

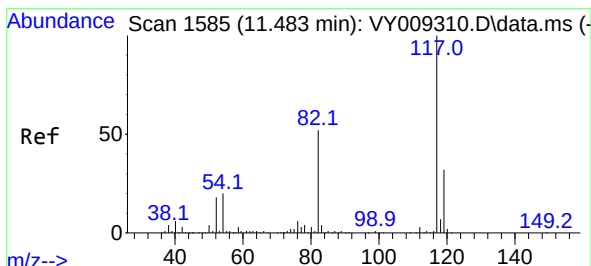
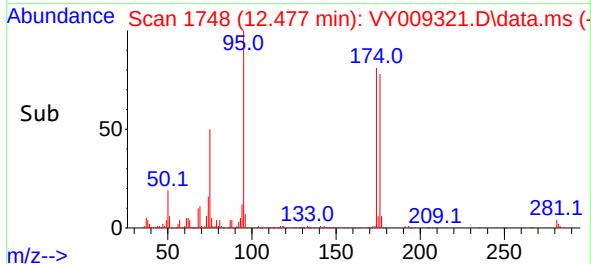
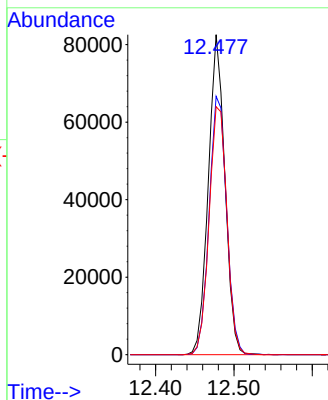
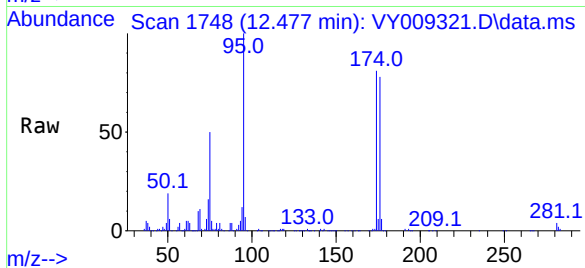




#62
4-Bromofluorobenzene
Concen: 51.503 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009321.D
Acq: 25 Jun 2022 14:11

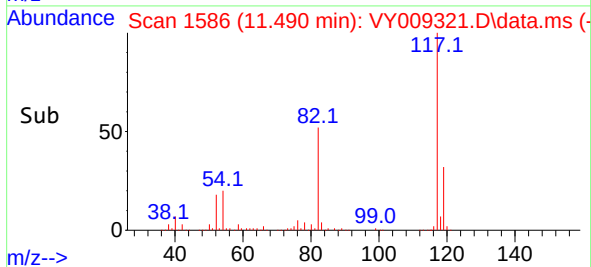
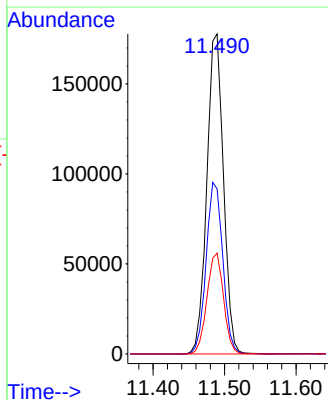
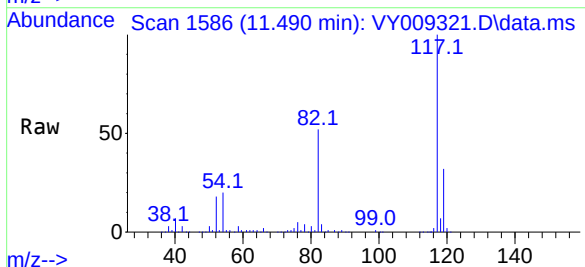
Instrument :
MSVOA_Y
ClientSampleId :

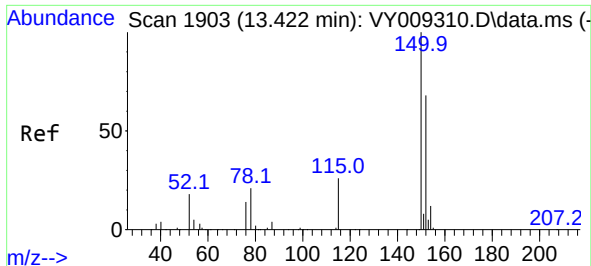
Tgt Ion: 95 Resp: 121219
Ion Ratio Lower Upper
95 100
174 85.4 0.0 173.8
176 83.4 0.0 167.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.007 min
Lab File: VY009321.D
Acq: 25 Jun 2022 14:11

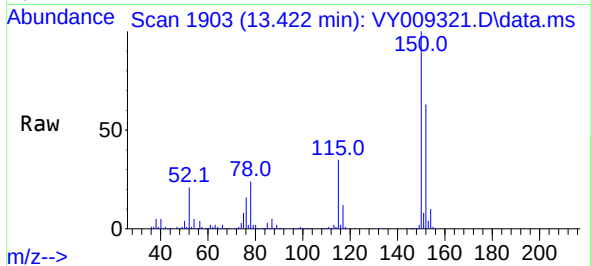
Tgt Ion: 117 Resp: 286606
Ion Ratio Lower Upper
117 100
82 51.6 41.8 62.6
119 31.5 25.6 38.4



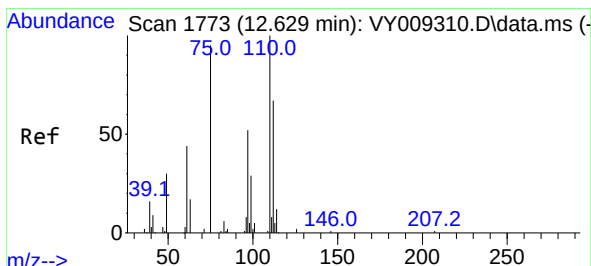
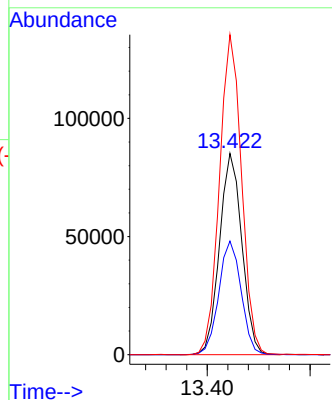
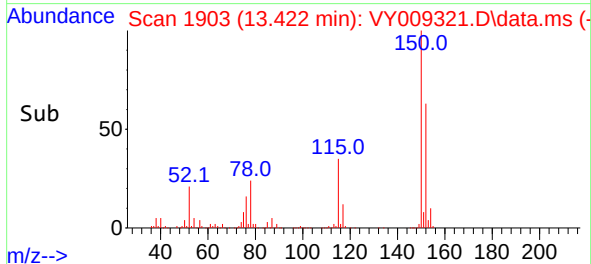


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY009321.D
Acq: 25 Jun 2022 14:11

Instrument :
MSVOA_Y
ClientSampleId :

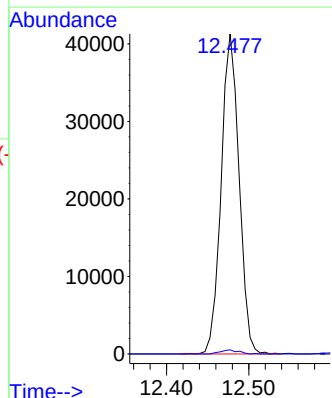
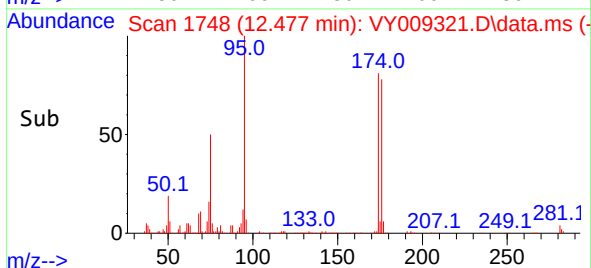
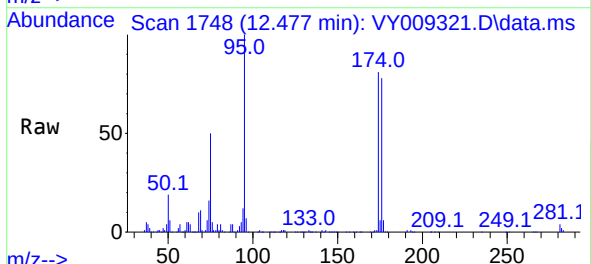


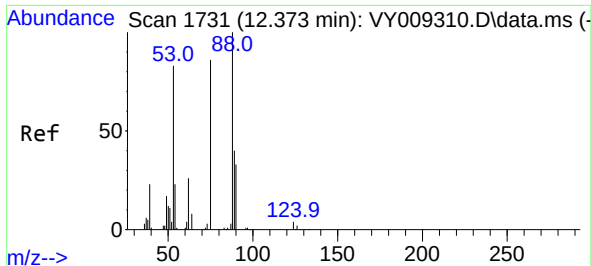
Tgt Ion:152 Resp: 128504
Ion Ratio Lower Upper
152 100
115 56.5 28.6 85.9
150 157.4 0.0 349.8



#76
1,2,3-Trichloropropane
Concen: 50.041 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY009321.D
Acq: 25 Jun 2022 14:11

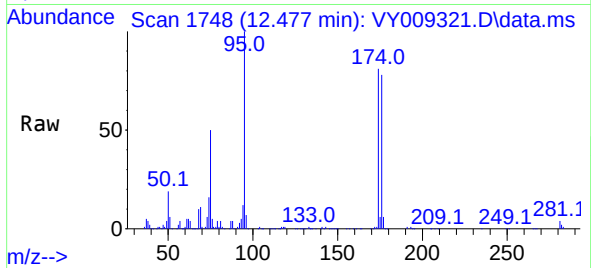
Tgt Ion: 75 Resp: 62402
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 99.058 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY009321.D
 Acq: 25 Jun 2022 14:11

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 62402
 Ion Ratio Lower Upper
 75 100
 53 0.0 71.4 107.2#
 89 0.1 38.1 57.1#

