

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062522\
 Data File : VY009317.D
 Acq On : 25 Jun 2022 12:19
 Operator : KP/MD
 Sample : VY0625SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 27 10:23:48 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)

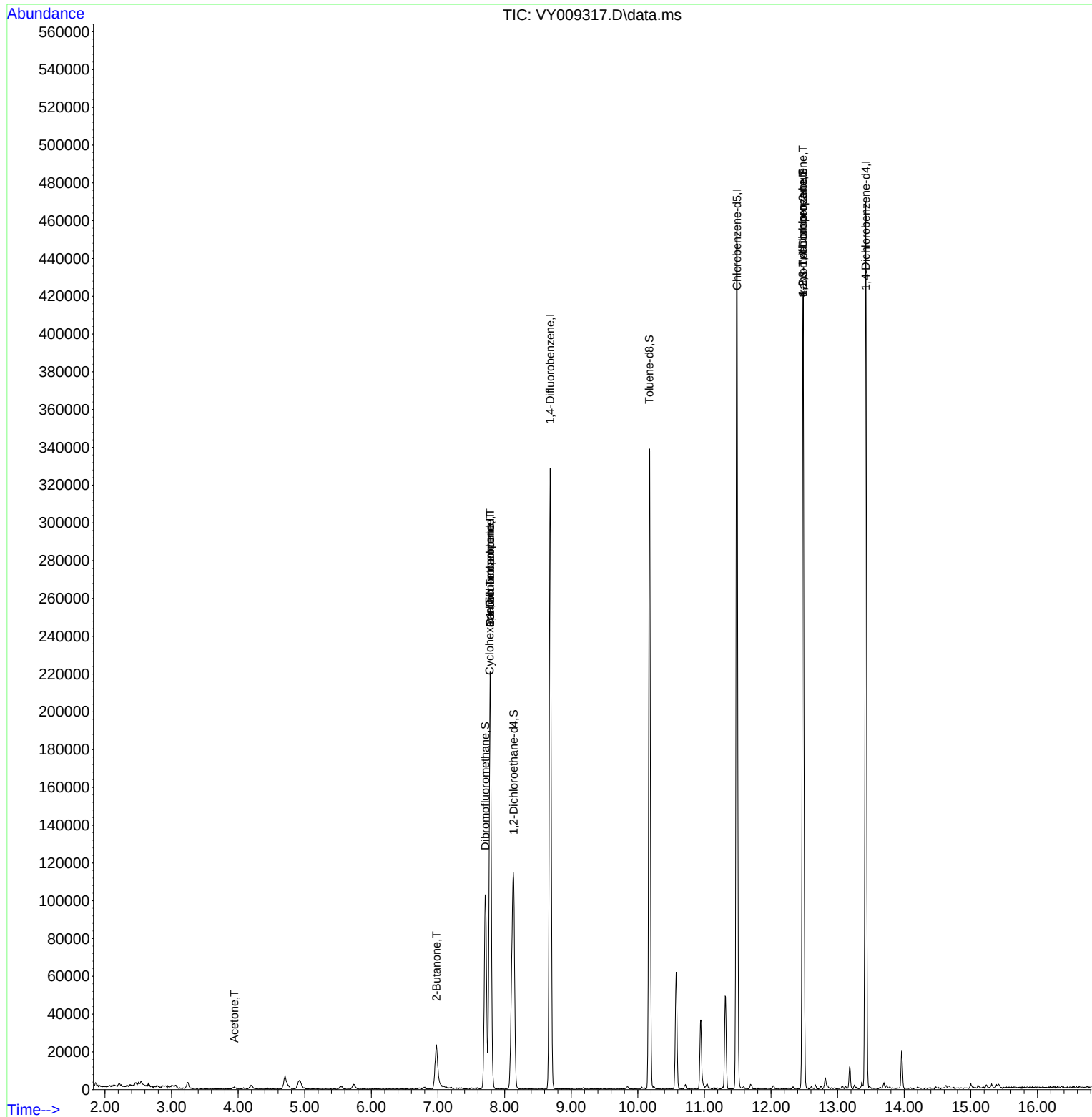
Internal Standards						
1) Pentafluorobenzene	7.783	168	169897	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	283465	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	254185	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	116494	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	67151	52.729	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	105.460%
35) Dibromofluoromethane	7.709	113	73714	48.178	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.360%
50) Toluene-d8	10.172	98	223298	49.943	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.880%
62) 4-Bromofluorobenzene	12.477	95	103338	47.423	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	94.840%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.917	59	5094	Below Cal	#	80
16) Acetone	3.942	43	1597	3.677	ug/l #	88
20) Methylene Chloride	4.692	84	4299	Below Cal	#	75
25) 2-Butanone	6.978	43	1875	2.871	ug/l #	48
31) Cyclohexane	7.777	56	3891	1.266	ug/l #	16
36) 1,1-Dichloropropene	7.783	75	13017	5.069	ug/l #	48
38) Carbon Tetrachloride	7.783	117	16224	6.145	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	53832	47.619	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	53832	94.264	ug/l #	14

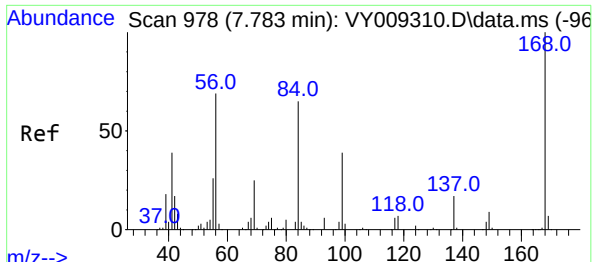
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062522\
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MSVOA_Y
ClientSampleId :

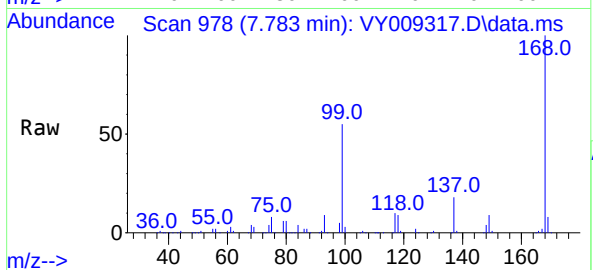
Quant Time: Jun 27 10:23:48 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062422S.M
Quant Title : SW846 8260
QLast Update : Sat Jun 25 07:08:46 2022
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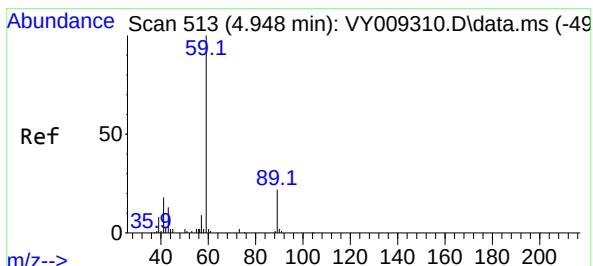
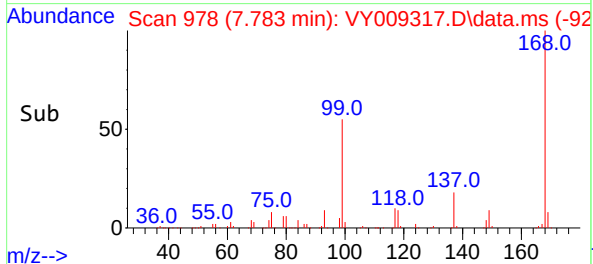
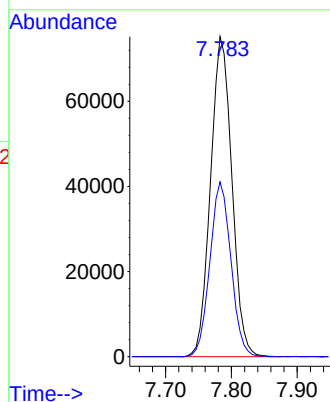


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009317.D
Acq: 25 Jun 2022 12:19

Instrument :
MSVOA_Y
ClientSampleId :

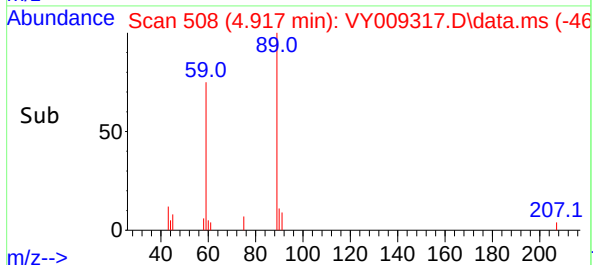
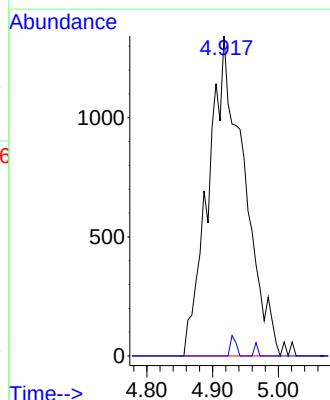
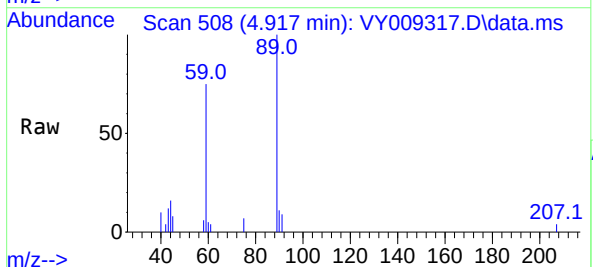


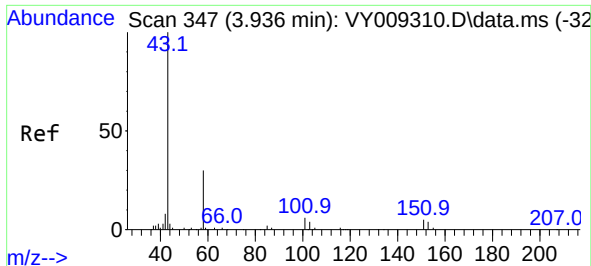
Tgt Ion:168 Resp: 169897
Ion Ratio Lower Upper
168 100
99 54.6 42.1 63.1



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.917 min Scan# 508
Delta R.T. -0.031 min
Lab File: VY009317.D
Acq: 25 Jun 2022 12:19

Tgt Ion: 59 Resp: 5094
Ion Ratio Lower Upper
59 100
57 1.0 6.3 9.5#

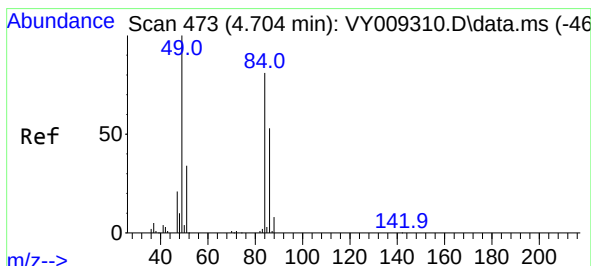
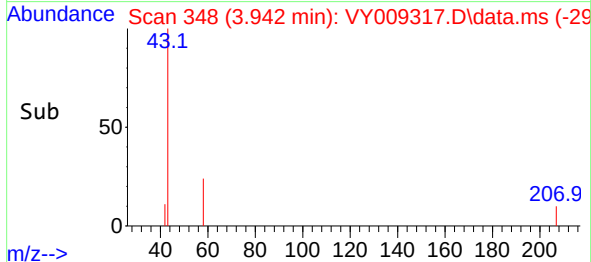
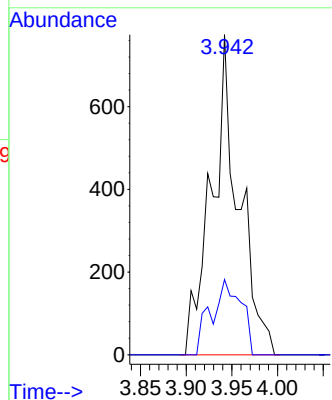
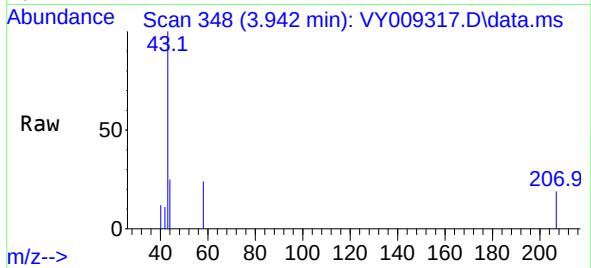




#16
Acetone
Concen: 3.677 ug/l
RT: 3.942 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY009317.D
Acq: 25 Jun 2022 12:19

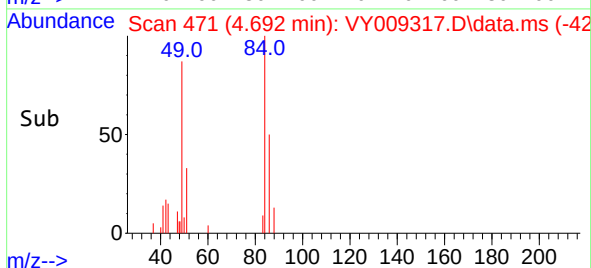
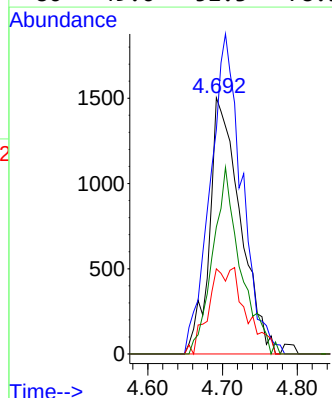
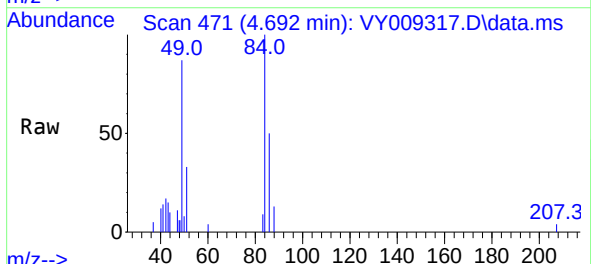
Instrument :
MSVOA_Y
ClientSampleId :

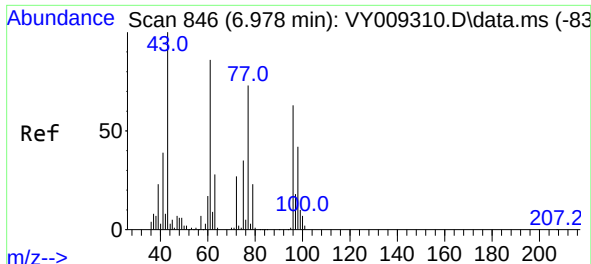
Tgt Ion: 43 Resp: 1597
Ion Ratio Lower Upper
43 100
58 23.5 24.0 36.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.692 min Scan# 471
Delta R.T. -0.012 min
Lab File: VY009317.D
Acq: 25 Jun 2022 12:19

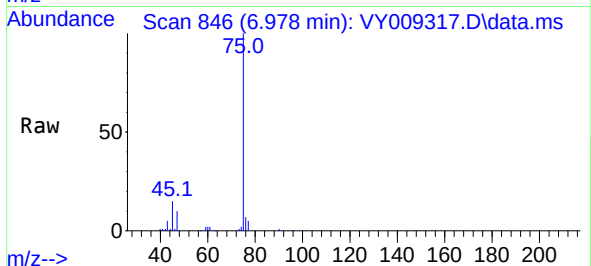
Tgt Ion: 84 Resp: 4299
Ion Ratio Lower Upper
84 100
49 87.5 98.2 147.4#
51 33.3 33.4 50.0#
86 49.6 52.3 78.5#



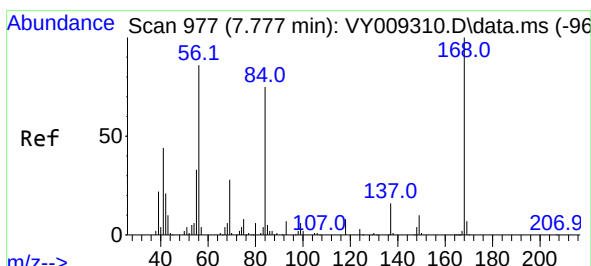
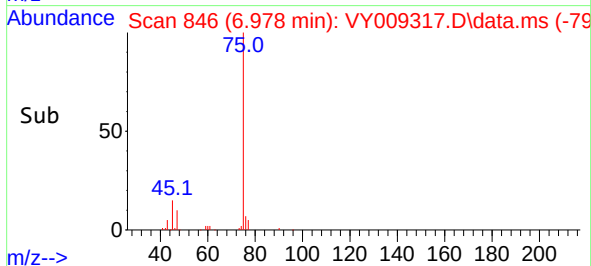
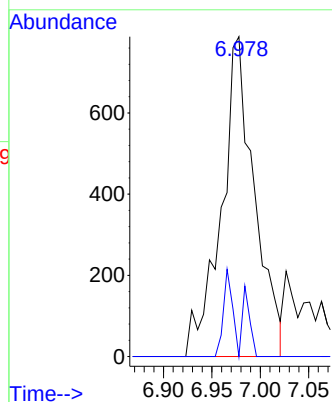


#25
2-Butanone
Concen: 2.871 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.000 min
Lab File: VY009317.D
Acq: 25 Jun 2022 12:19

Instrument :
MSVOA_Y
ClientSampleId :

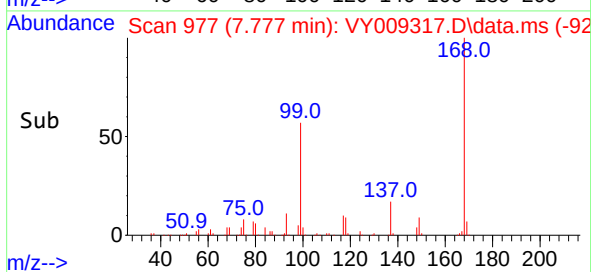
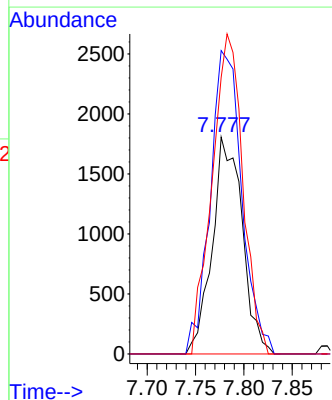
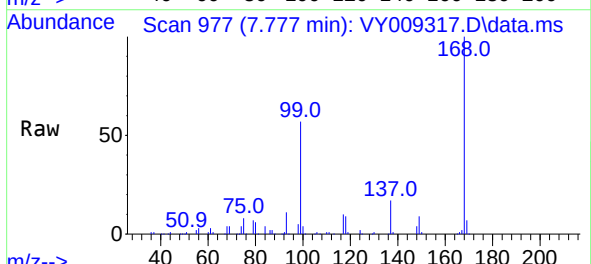


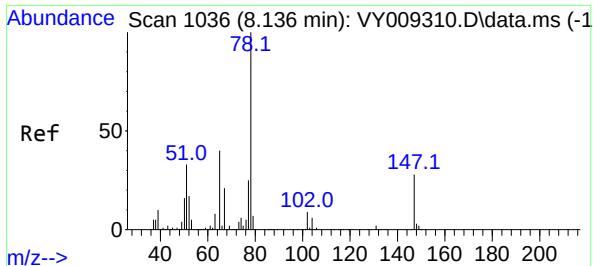
Tgt Ion: 43 Resp: 1875
Ion Ratio Lower Upper
43 100
72 0.0 21.5 32.3#



#31
Cyclohexane
Concen: 1.266 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.000 min
Lab File: VY009317.D
Acq: 25 Jun 2022 12:19

Tgt Ion: 56 Resp: 3891
Ion Ratio Lower Upper
56 100
69 139.9 26.0 39.0#
84 127.5 69.5 104.3#





#33

1,2-Dichloroethane-d4

Concen: 52.729 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY009317.D

Acq: 25 Jun 2022 12:19

Instrument :

MSVOA_Y

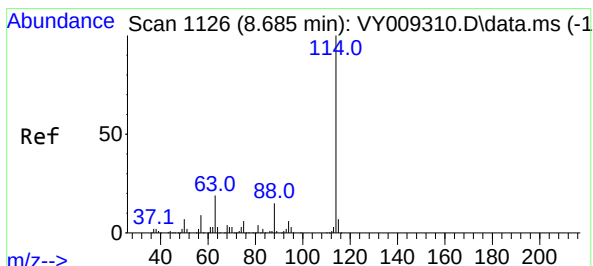
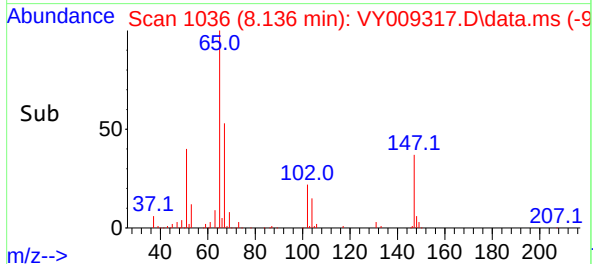
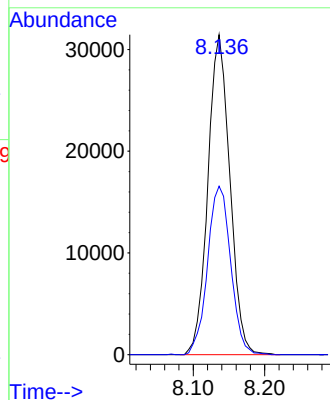
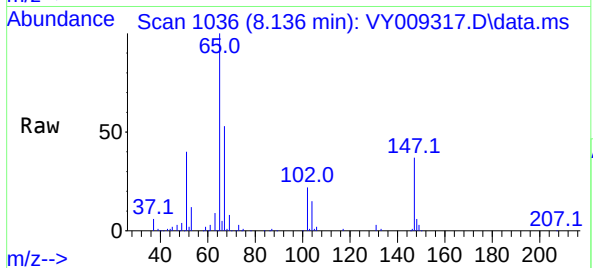
ClientSampleId :

Tgt Ion: 65 Resp: 67151

Ion Ratio Lower Upper

65 100

67 55.5 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: VY009317.D

Acq: 25 Jun 2022 12:19

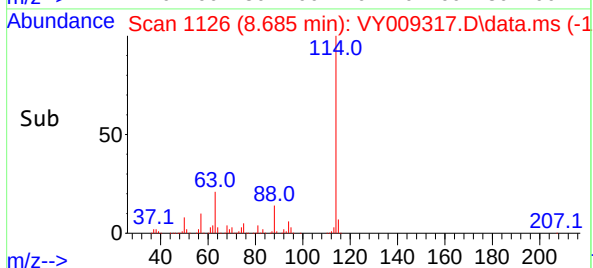
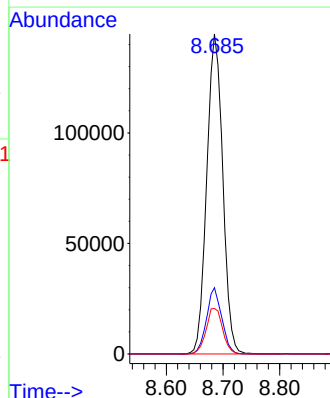
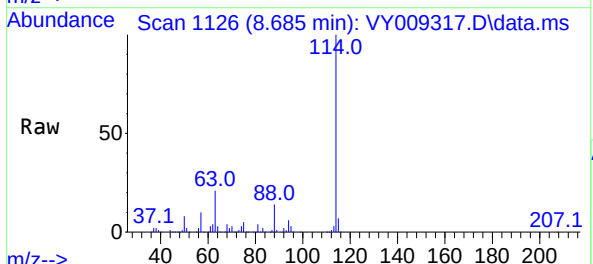
Tgt Ion:114 Resp: 283465

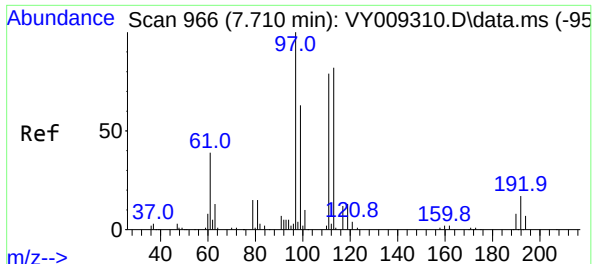
Ion Ratio Lower Upper

114 100

63 20.7 0.0 38.0

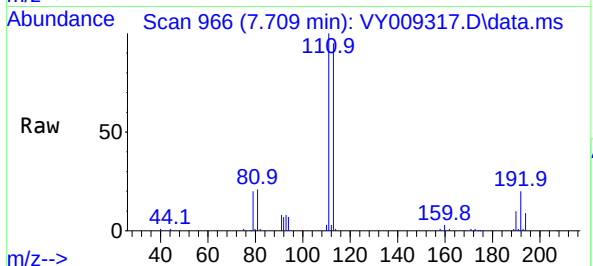
88 14.2 0.0 30.0



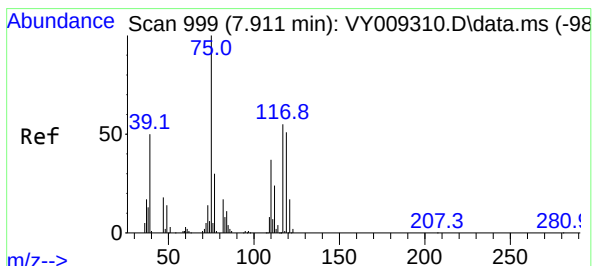
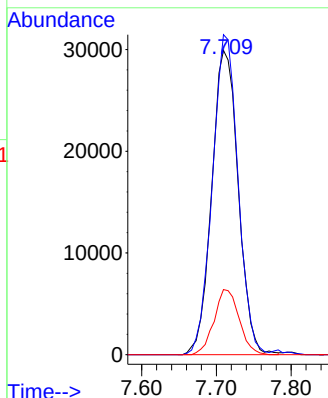
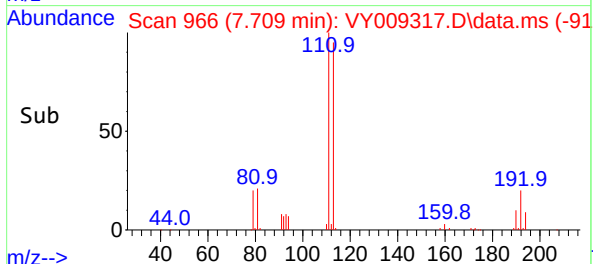


#35
Dibromofluoromethane
Concen: 48.178 ug/l
RT: 7.709 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY009317.D
Acq: 25 Jun 2022 12:19

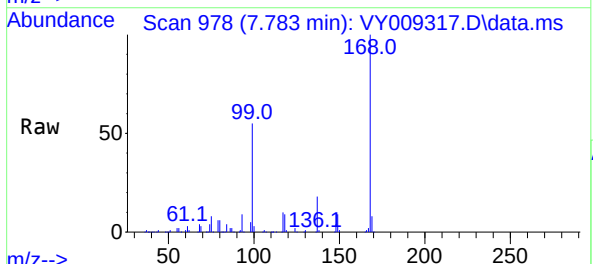
Instrument :
MSVOA_Y
ClientSampleId :



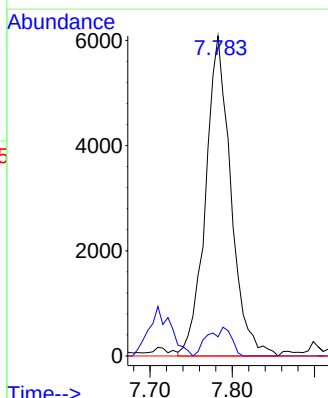
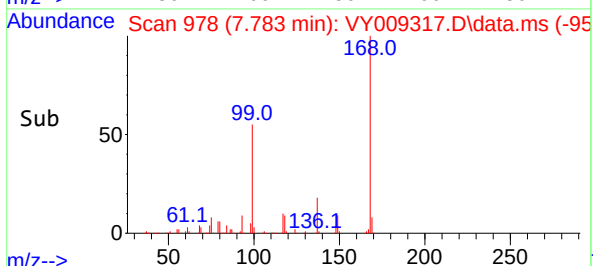
Tgt Ion:113 Resp: 73714
Ion Ratio Lower Upper
113 100
111 101.8 80.6 120.8
192 20.2 16.2 24.4

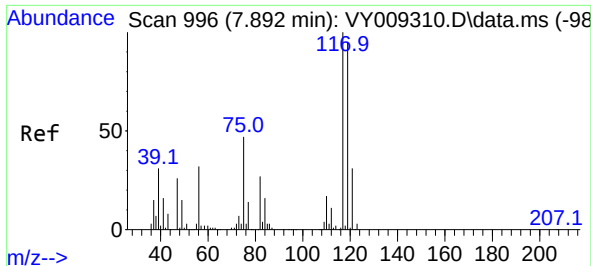


#36
1,1-Dichloropropene
Concen: 5.069 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY009317.D
Acq: 25 Jun 2022 12:19



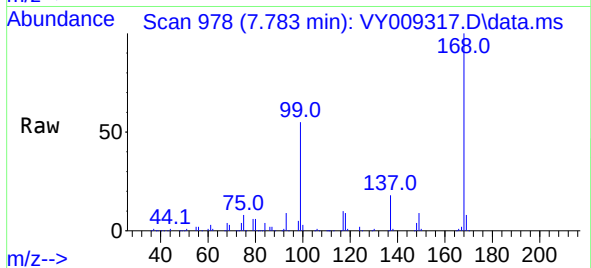
Tgt Ion: 75 Resp: 13017
Ion Ratio Lower Upper
75 100
110 8.4 18.6 56.0#
77 0.0 25.0 37.4#



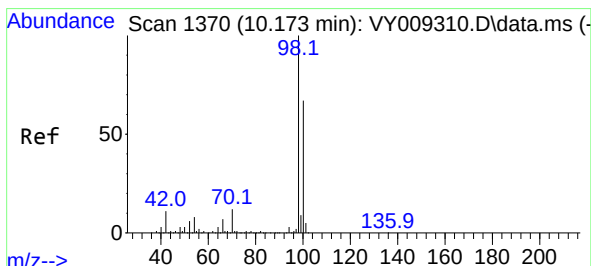
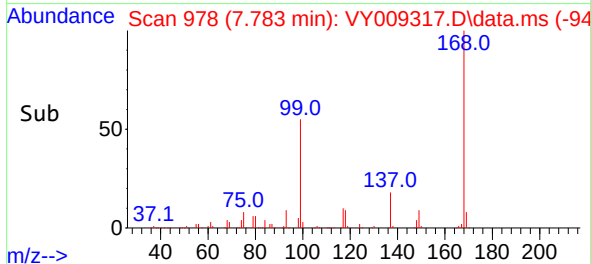
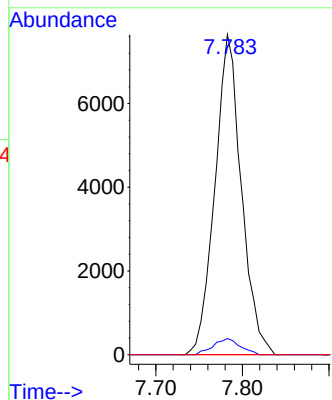


#38
Carbon Tetrachloride
Concen: 6.145 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY009317.D
Acq: 25 Jun 2022 12:19

Instrument :
MSVOA_Y
ClientSampleId :

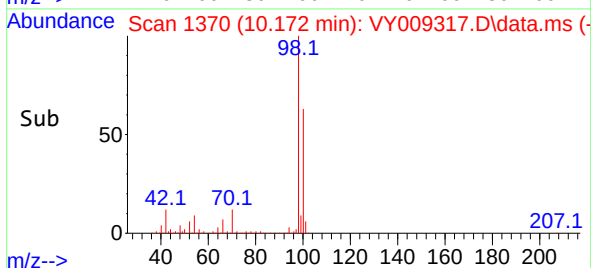
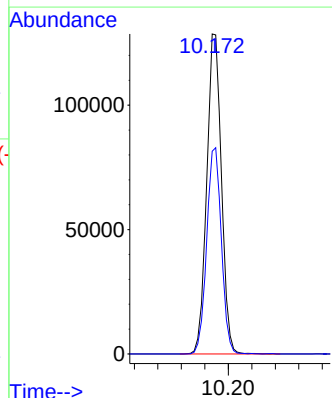
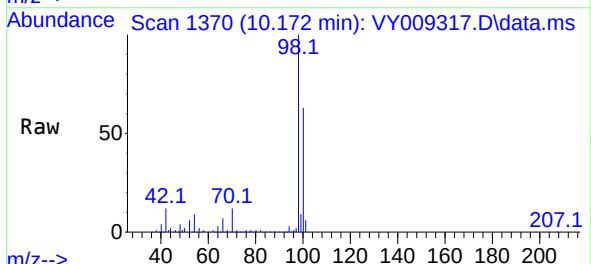


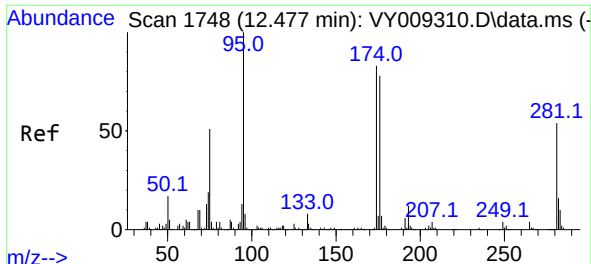
Tgt Ion:117 Resp: 16224
Ion Ratio Lower Upper
117 100
119 5.0 75.9 113.9#
121 0.0 24.9 37.3#



#50
Toluene-d8
Concen: 49.943 ug/l
RT: 10.172 min Scan# 1370
Delta R.T. -0.001 min
Lab File: VY009317.D
Acq: 25 Jun 2022 12:19

Tgt Ion: 98 Resp: 223298
Ion Ratio Lower Upper
98 100
100 64.3 52.9 79.3

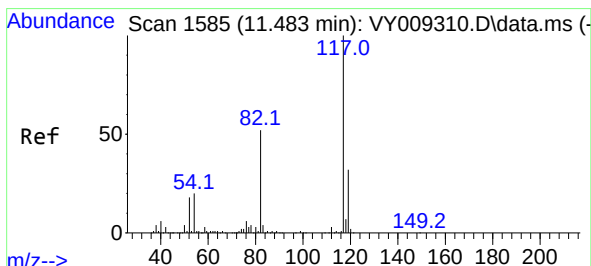
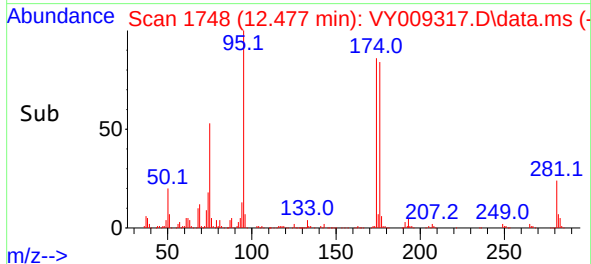
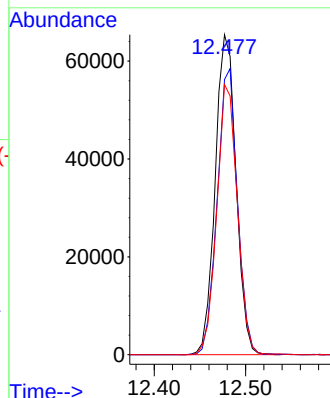
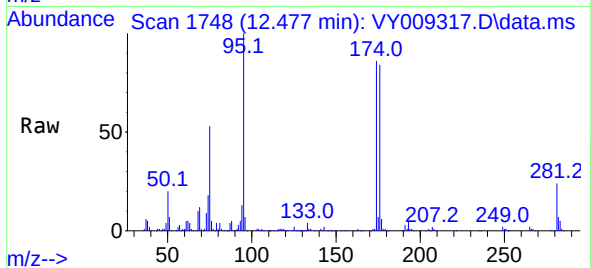




#62
4-Bromofluorobenzene
Concen: 47.423 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009317.D
Acq: 25 Jun 2022 12:19

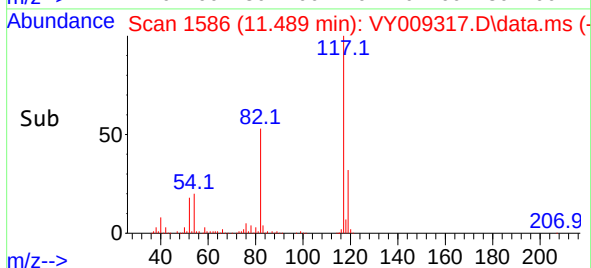
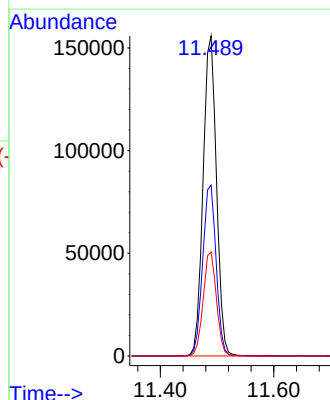
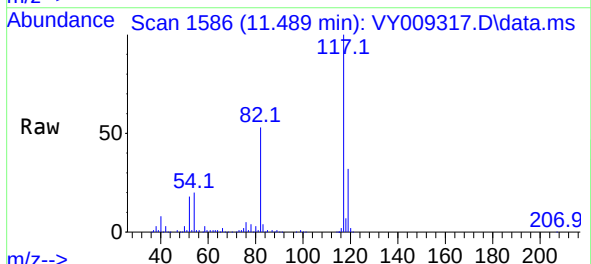
Instrument :
MSVOA_Y
ClientSampleId :

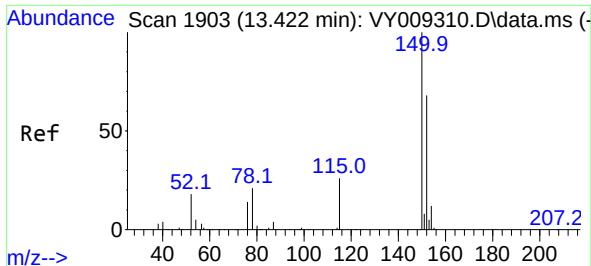
Tgt Ion: 95 Resp: 103338
Ion Ratio Lower Upper
95 100
174 87.4 0.0 173.8
176 83.6 0.0 167.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.006 min
Lab File: VY009317.D
Acq: 25 Jun 2022 12:19

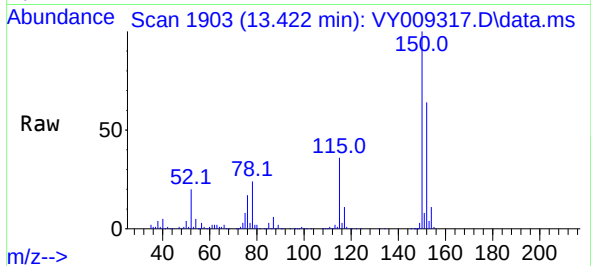
Tgt Ion:117 Resp: 254185
Ion Ratio Lower Upper
117 100
82 53.4 41.8 62.6
119 32.5 25.6 38.4



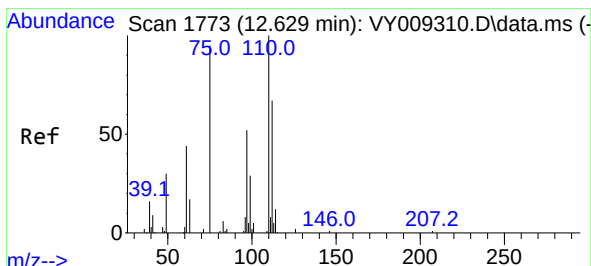
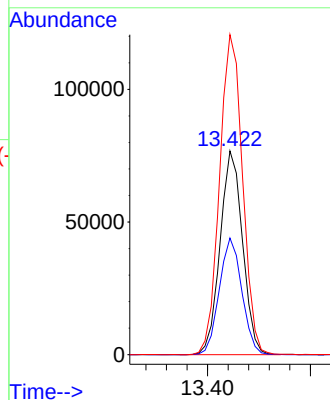
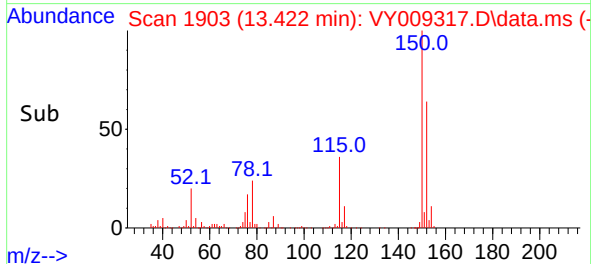


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.000 min
 Lab File: VY009317.D
 Acq: 25 Jun 2022 12:19

Instrument :
 MSVOA_Y
 ClientSampleId :

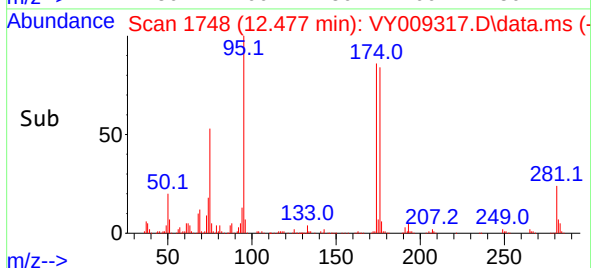
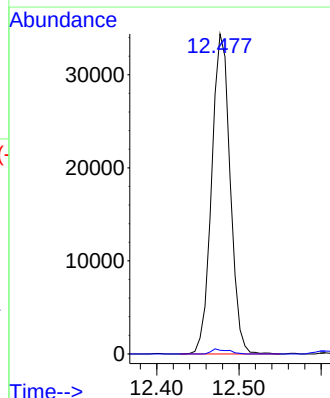
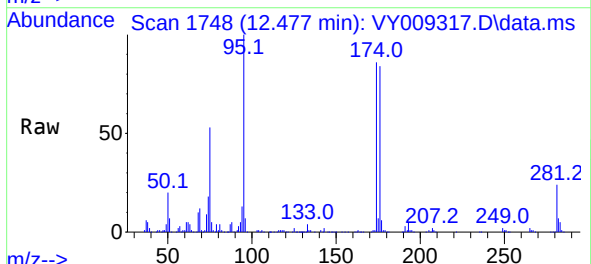


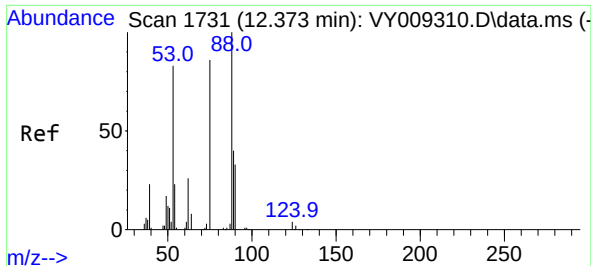
Tgt Ion:152 Resp: 116494
 Ion Ratio Lower Upper
 152 100
 115 57.3 28.6 85.9
 150 160.8 0.0 349.8



#76
 1,2,3-Trichloropropane
 Concen: 47.619 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.153 min
 Lab File: VY009317.D
 Acq: 25 Jun 2022 12:19

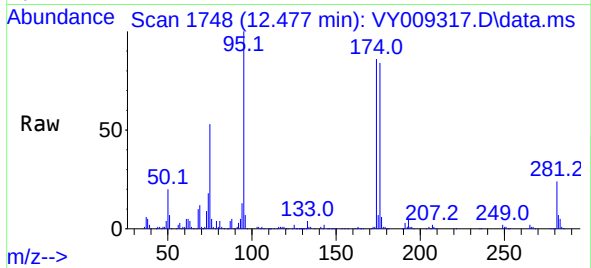
Tgt Ion: 75 Resp: 53832
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 94.264 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY009317.D
 Acq: 25 Jun 2022 12:19

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 53832
 Ion Ratio Lower Upper
 75 100
 53 0.0 71.4 107.2#
 89 0.9 38.1 57.1#

