

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062722\
 Data File : VY009352.D
 Acq On : 27 Jun 2022 18:47
 Operator : KP/MD
 Sample : N3434-08
 Misc : 6.98g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B2206-35

Quant Time: Jun 28 04:32:01 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)

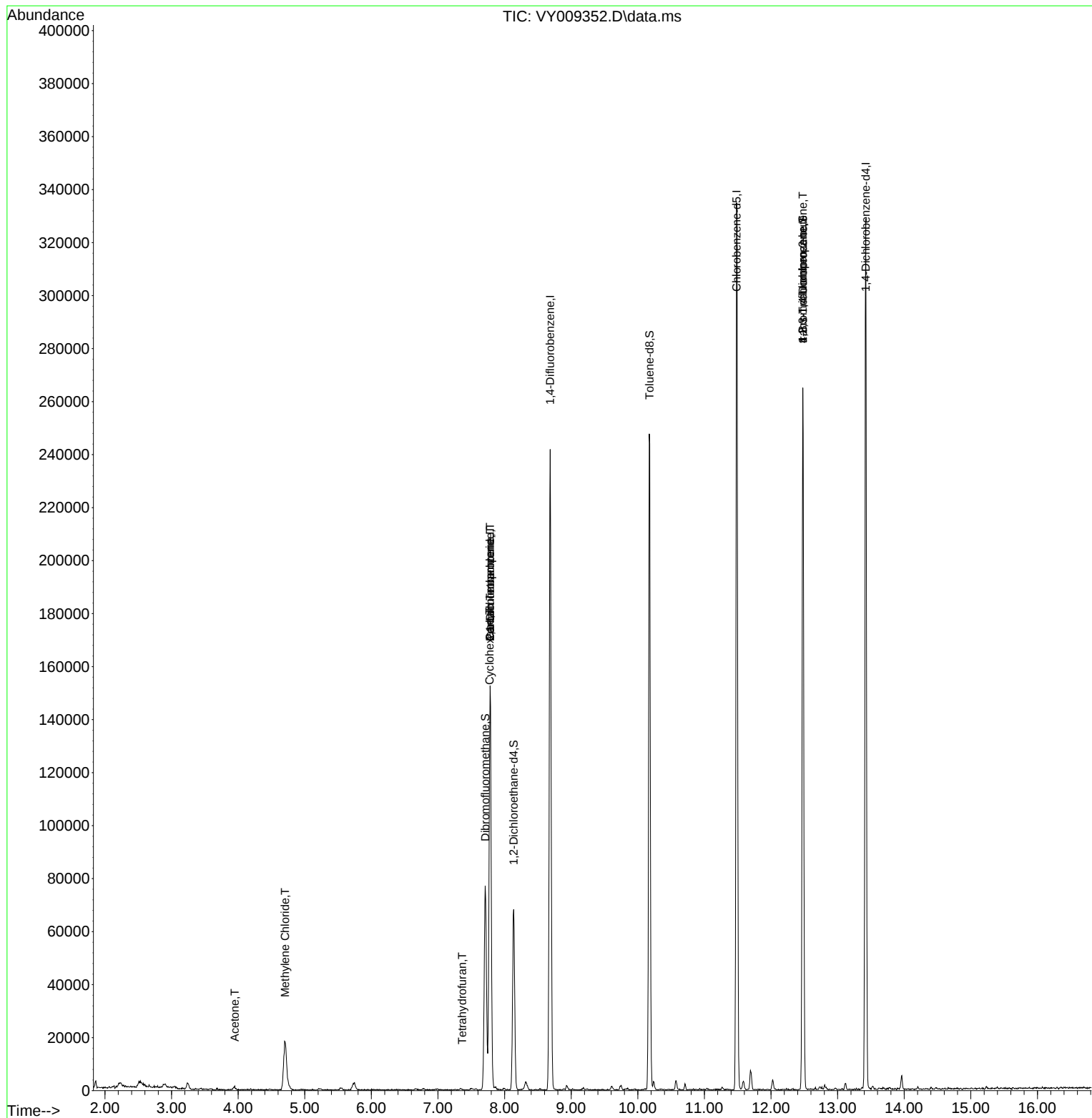
Internal Standards						
1) Pentafluorobenzene	7.783	168	118335	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	199891	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	182447	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	82890	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	50808	57.717	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.440%
35) Dibromofluoromethane	7.710	113	53942	49.996	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.000%
50) Toluene-d8	10.179	98	157425	49.929	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.860%
62) 4-Bromofluorobenzene	12.477	95	70187	45.676	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	91.360%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.948	59	198	Below Cal	#	78
16) Acetone	3.948	43	1555	5.140	ug/l #	89
20) Methylene Chloride	4.704	84	12779	6.872	ug/l	94
29) Tetrahydrofuran	7.362	42	408	1.397	ug/l #	60
31) Cyclohexane	7.777	56	2757	1.288	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	8850	4.888	ug/l #	51
38) Carbon Tetrachloride	7.783	117	11509	6.181	ug/l #	18
76) 1,2,3-Trichloropropane	12.477	75	37641	46.795	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	37641	92.633	ug/l #	13

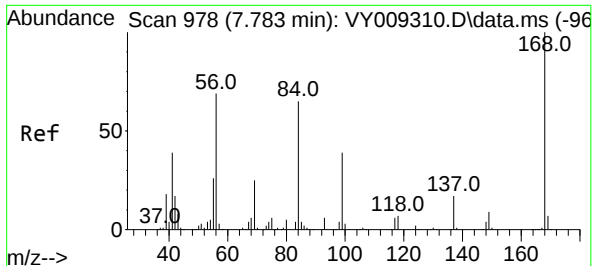
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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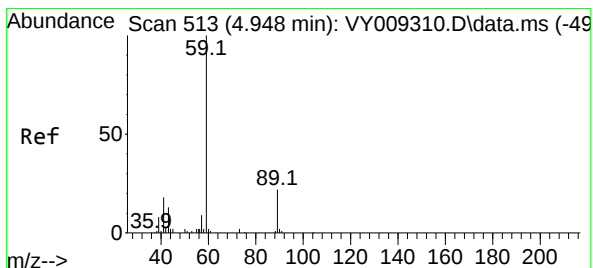
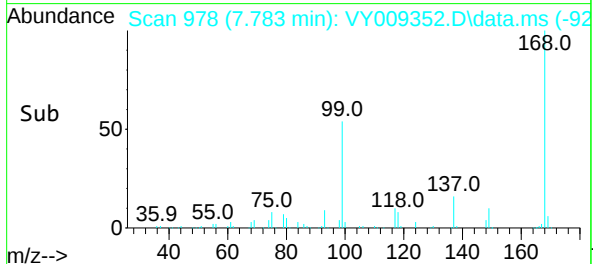
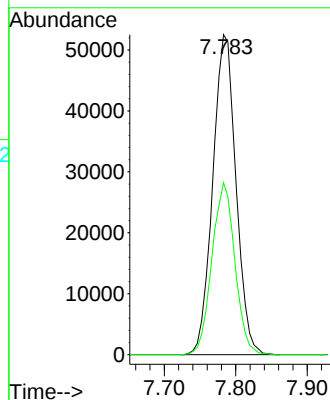
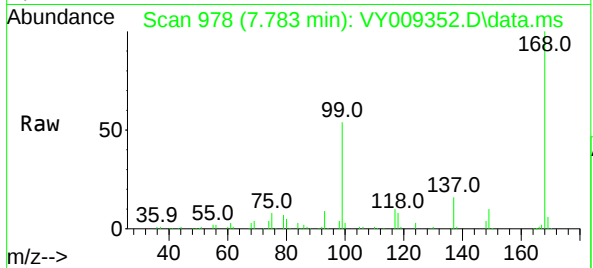




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009352.D
Acq: 27 Jun 2022 18:47

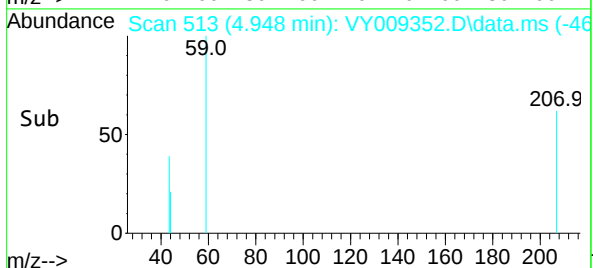
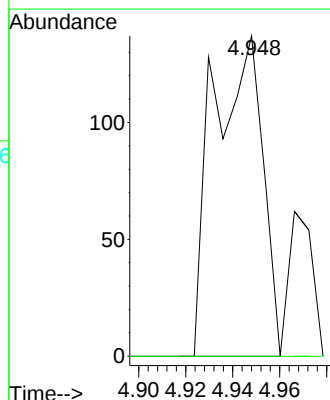
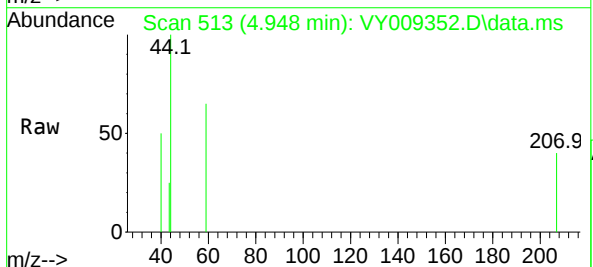
Instrument :
MSVOA_Y
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B2206-35

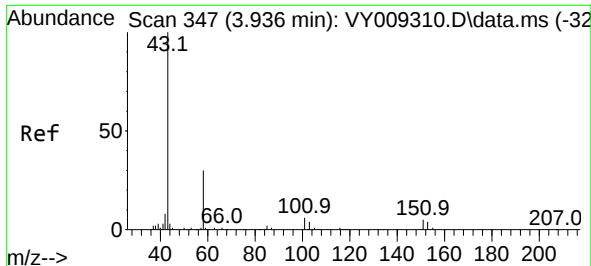
Tgt Ion:168 Resp: 118335
Ion Ratio Lower Upper
168 100
99 53.8 42.1 63.1



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.948 min Scan# 513
Delta R.T. 0.000 min
Lab File: VY009352.D
Acq: 27 Jun 2022 18:47

Tgt Ion: 59 Resp: 198
Ion Ratio Lower Upper
59 100
57 0.0 6.3 9.5#

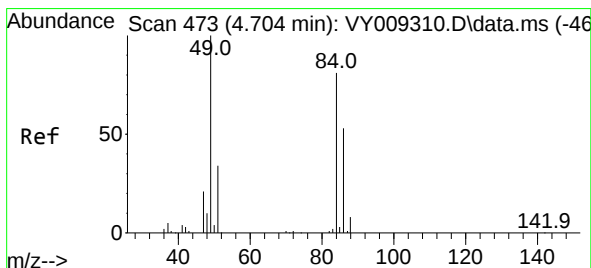
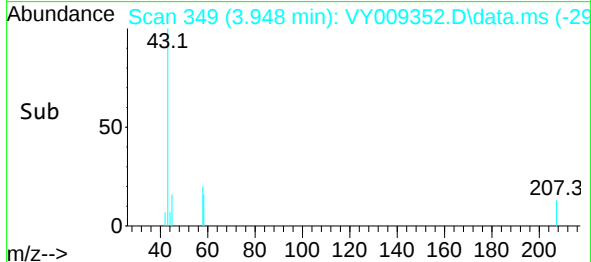
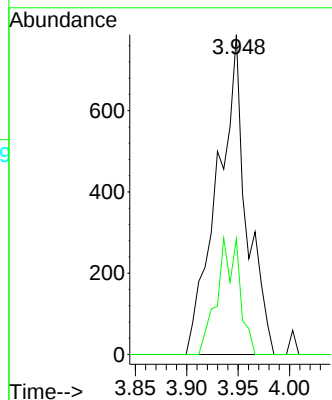
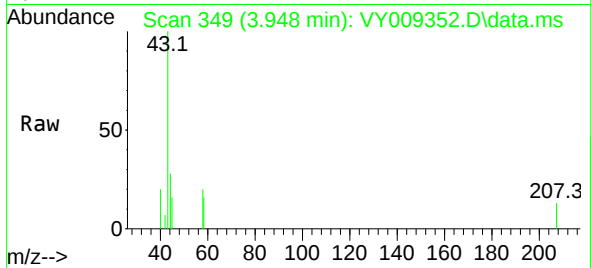




#16
Acetone
Concen: 5.140 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.012 min
Lab File: VY009352.D
Acq: 27 Jun 2022 18:47

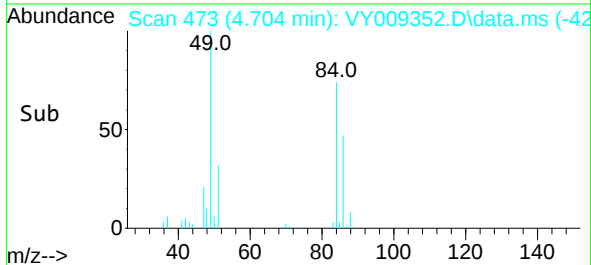
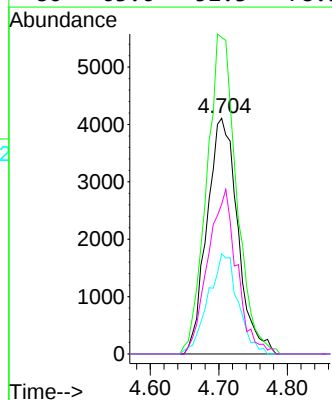
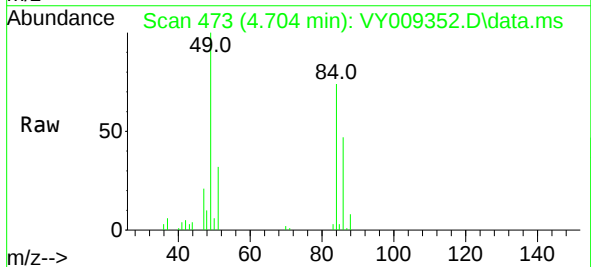
Instrument :
MSVOA_Y
ClientSampleId :
B2206-35

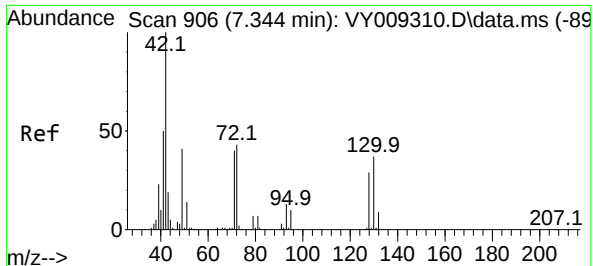
Tgt Ion: 43 Resp: 1555
Ion Ratio Lower Upper
43 100
58 36.2 24.0 36.0#



#20
Methylene Chloride
Concen: 6.872 ug/l
RT: 4.704 min Scan# 473
Delta R.T. 0.000 min
Lab File: VY009352.D
Acq: 27 Jun 2022 18:47

Tgt Ion: 84 Resp: 12779
Ion Ratio Lower Upper
84 100
49 134.4 98.2 147.4
51 42.5 33.4 50.0
86 63.6 52.3 78.5





#29

Tetrahydrofuran

Concen: 1.397 ug/l

RT: 7.362 min Scan# 906

Delta R.T. 0.018 min

Lab File: VY009352.D

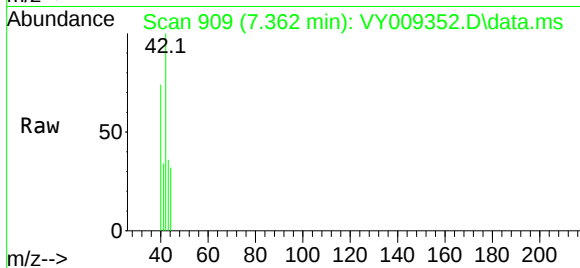
Acq: 27 Jun 2022 18:47

Instrument :

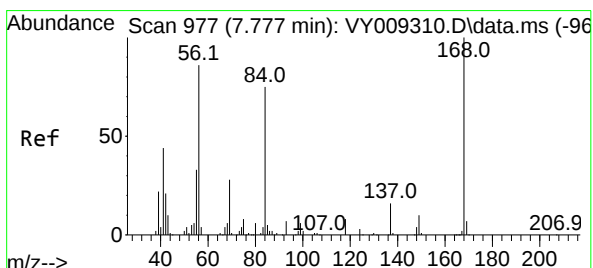
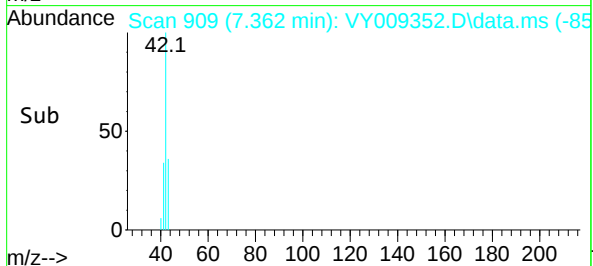
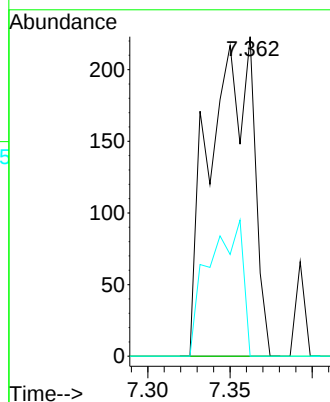
MSVOA_Y

ClientSampleId :

B2206-35



Tgt Ion:	42	Resp:	408
Ion Ratio	Lower	Upper	
42	100		
72	0.0	34.6	52.0#
71	33.8	32.7	49.1



#31

Cyclohexane

Concen: 1.288 ug/l

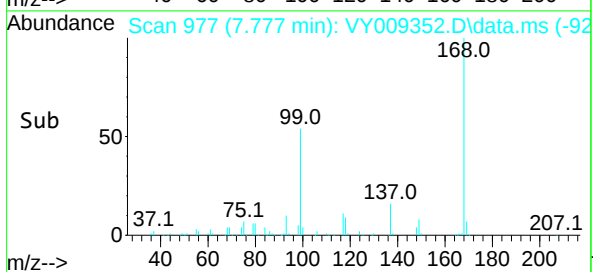
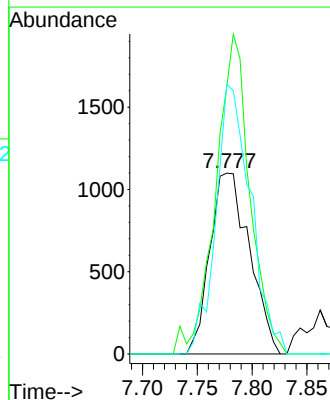
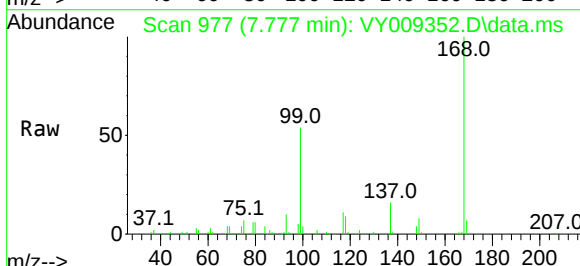
RT: 7.777 min Scan# 977

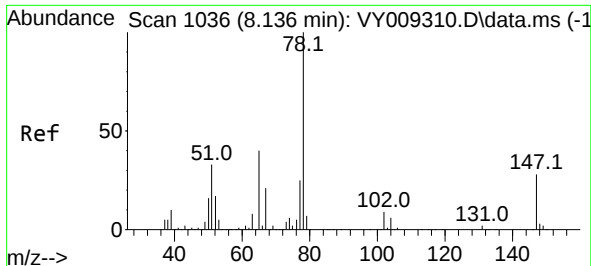
Delta R.T. 0.000 min

Lab File: VY009352.D

Acq: 27 Jun 2022 18:47

Tgt Ion:	56	Resp:	2757
Ion Ratio	Lower	Upper	
56	100		
69	141.7	26.0	39.0#
84	167.0	69.5	104.3#

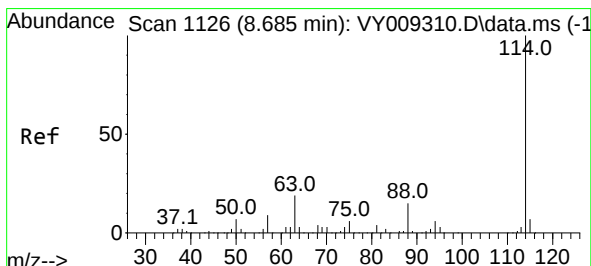
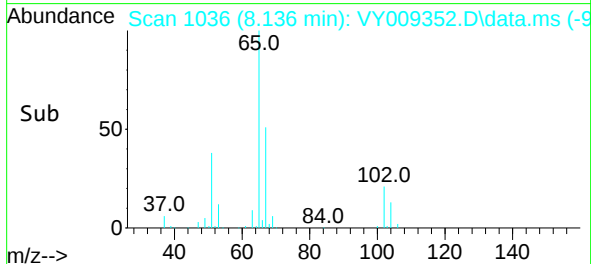
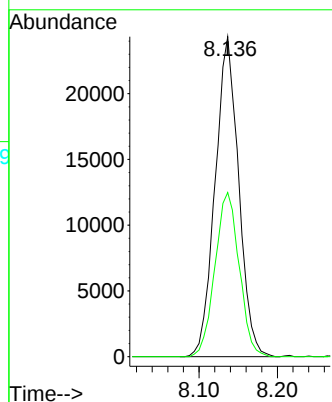
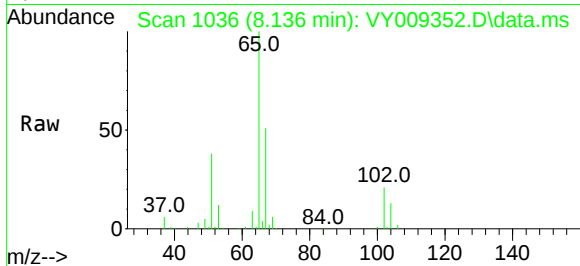




#33
 1,2-Dichloroethane-d4
 Concen: 57.717 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. 0.000 min
 Lab File: VY009352.D
 Acq: 27 Jun 2022 18:47

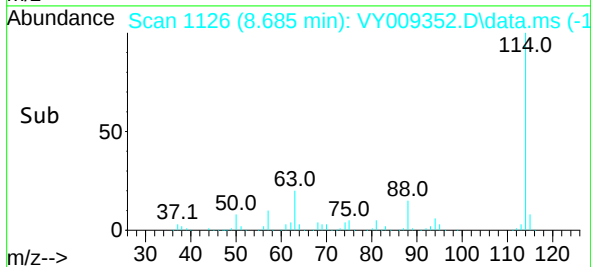
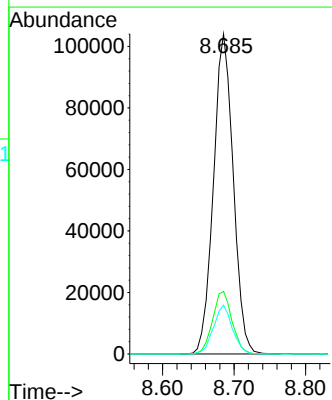
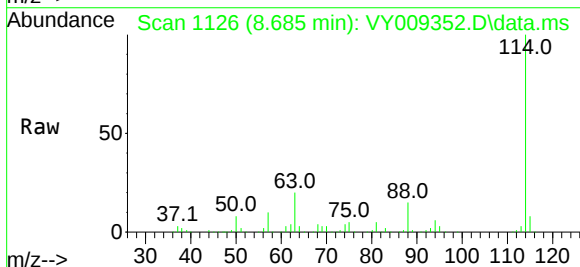
Instrument :
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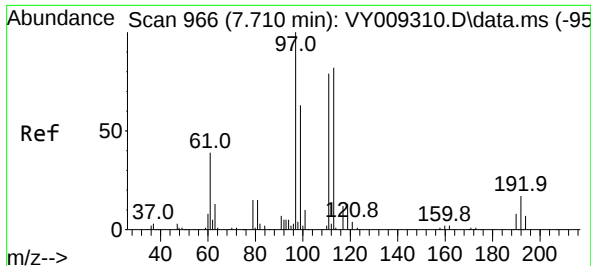
Tgt Ion: 65 Resp: 50808
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 108.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VY009352.D
 Acq: 27 Jun 2022 18:47

Tgt Ion: 114 Resp: 199891
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 38.0
 88 15.2 0.0 30.0

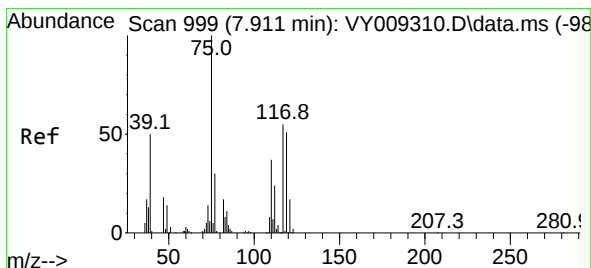
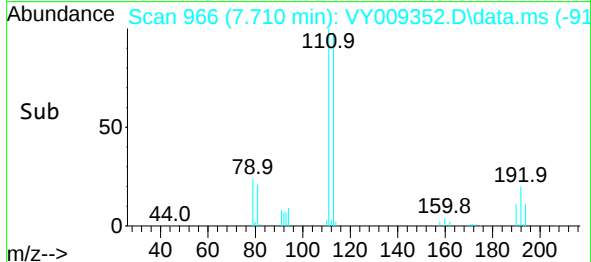
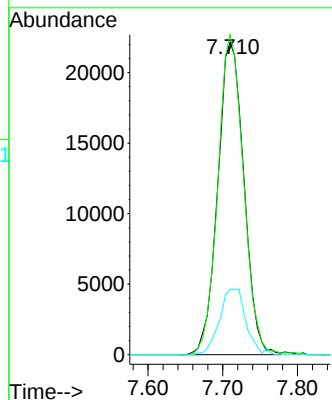
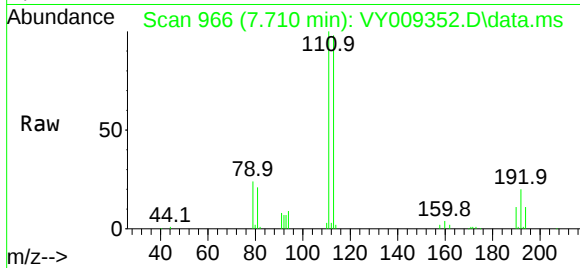




#35
Dibromofluoromethane
Concen: 49.996 ug/l
RT: 7.710 min Scan# 910
Delta R.T. 0.000 min
Lab File: VY009352.D
Acq: 27 Jun 2022 18:47

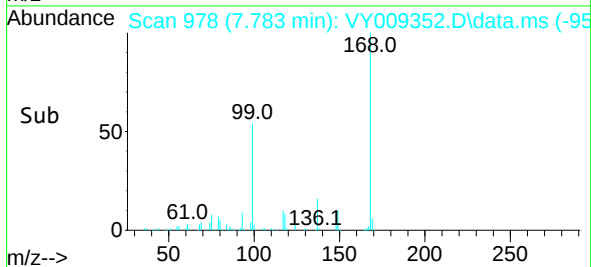
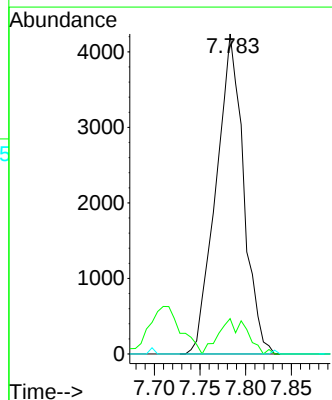
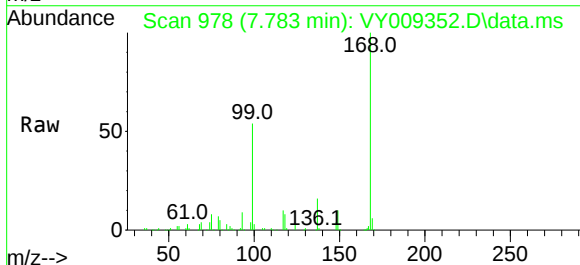
Instrument :
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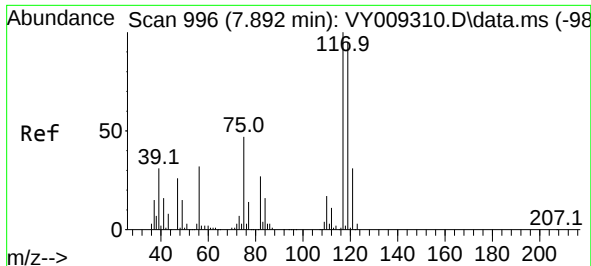
Tgt Ion:113 Resp: 53942
Ion Ratio Lower Upper
113 100
111 100.0 80.6 120.8
192 21.3 16.2 24.4



#36
1,1-Dichloropropene
Concen: 4.888 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY009352.D
Acq: 27 Jun 2022 18:47

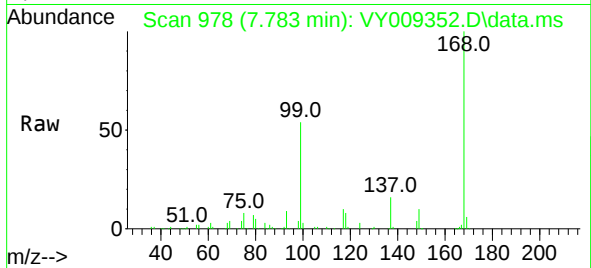
Tgt Ion: 75 Resp: 8850
Ion Ratio Lower Upper
75 100
110 11.4 18.6 56.0#
77 0.0 25.0 37.4#



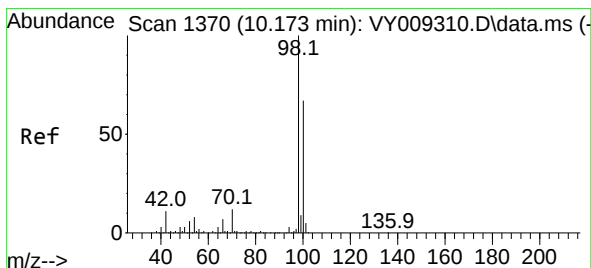
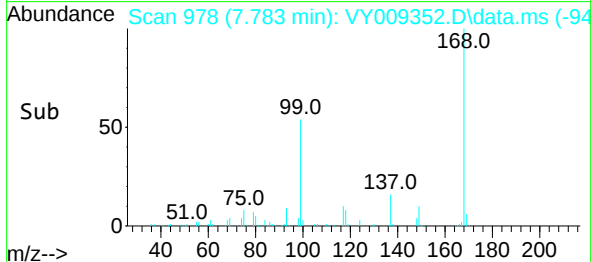
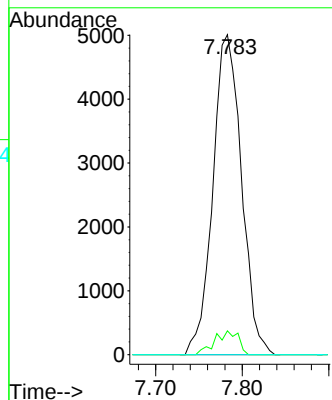


#38
Carbon Tetrachloride
Concen: 6.181 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY009352.D
Acq: 27 Jun 2022 18:47

Instrument :
MSVOA_Y
ClientSampleId :
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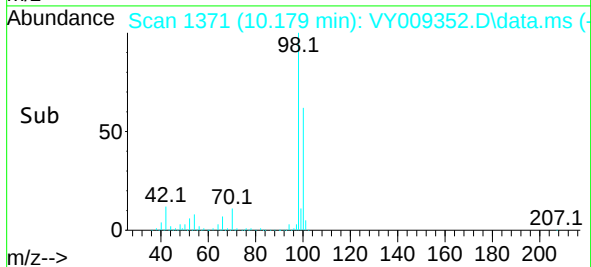
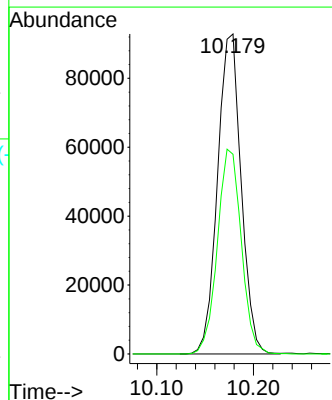
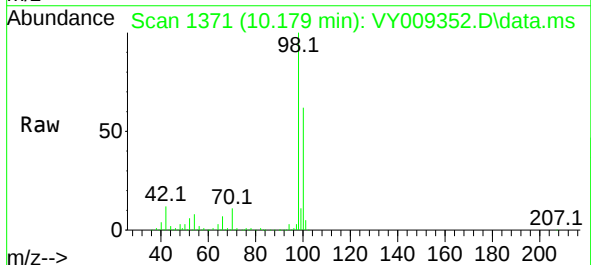


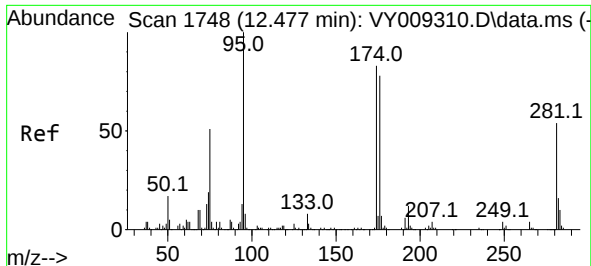
Tgt Ion:117 Resp: 11509
Ion Ratio Lower Upper
117 100
119 7.5 75.9 113.9#
121 0.0 24.9 37.3#



#50
Toluene-d8
Concen: 49.929 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.006 min
Lab File: VY009352.D
Acq: 27 Jun 2022 18:47

Tgt Ion: 98 Resp: 157425
Ion Ratio Lower Upper
98 100
100 64.8 52.9 79.3

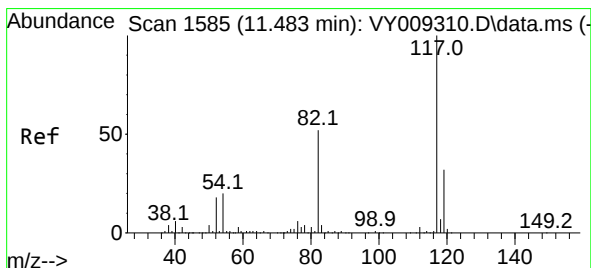
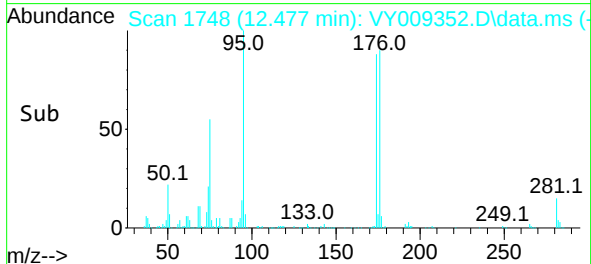
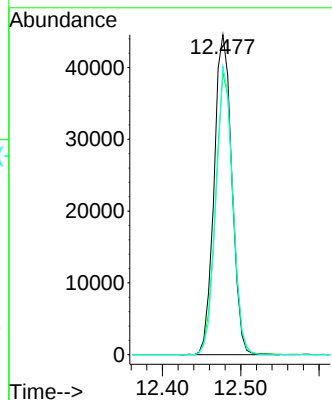
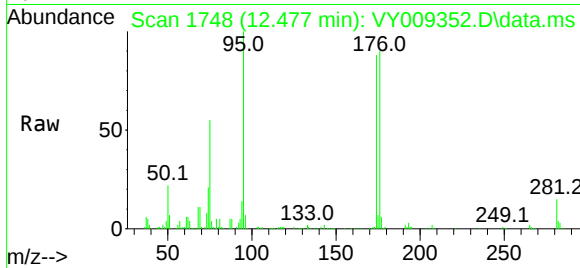




#62
4-Bromofluorobenzene
Concen: 45.676 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009352.D
Acq: 27 Jun 2022 18:47

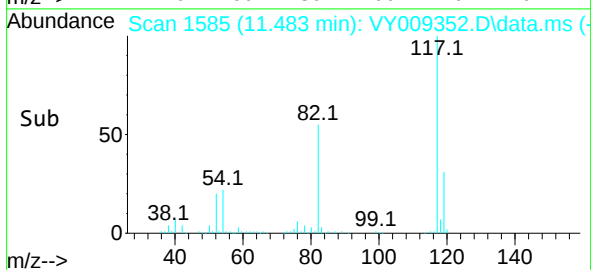
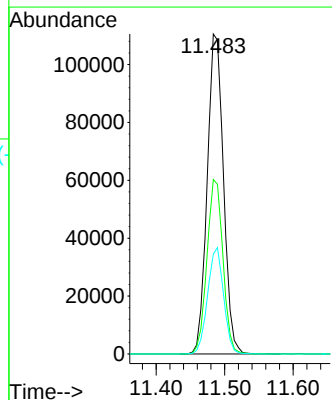
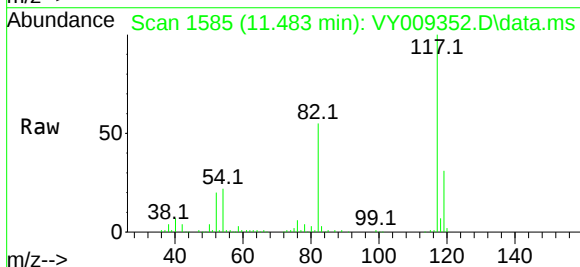
Instrument :
MSVOA_Y
ClientSampleId :
B2206-35

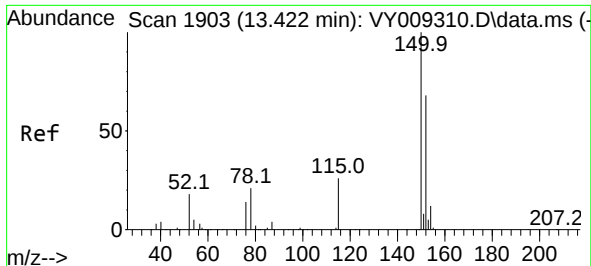
Tgt Ion: 95 Resp: 70187
Ion Ratio Lower Upper
95 100
174 87.0 0.0 173.8
176 85.3 0.0 167.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1585
Delta R.T. 0.000 min
Lab File: VY009352.D
Acq: 27 Jun 2022 18:47

Tgt Ion: 117 Resp: 182447
Ion Ratio Lower Upper
117 100
82 54.5 41.8 62.6
119 31.2 25.6 38.4

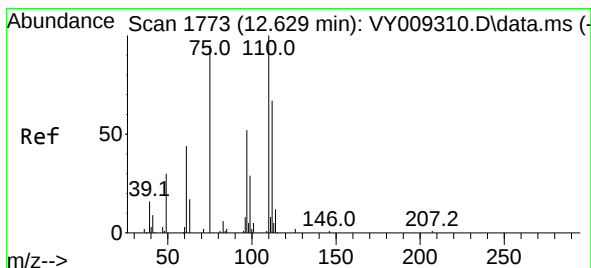
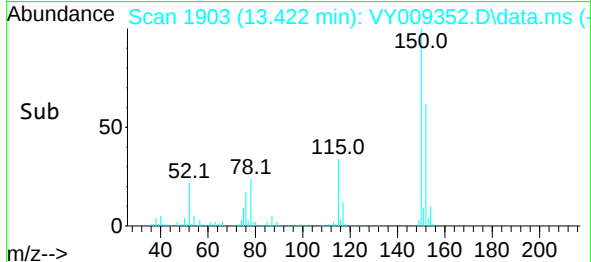
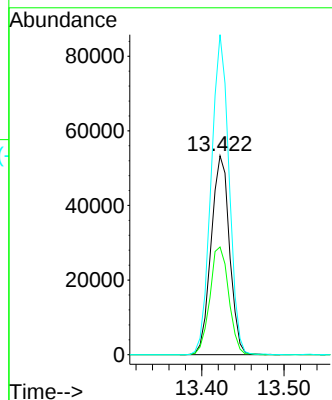
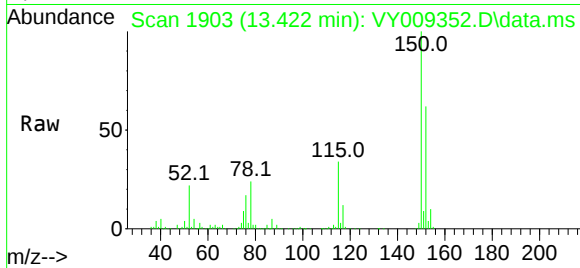




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY009352.D
 Acq: 27 Jun 2022 18:47

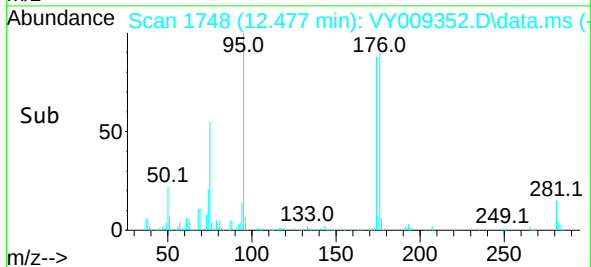
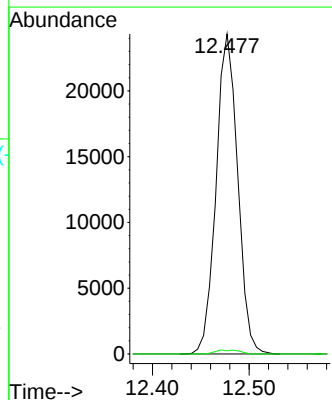
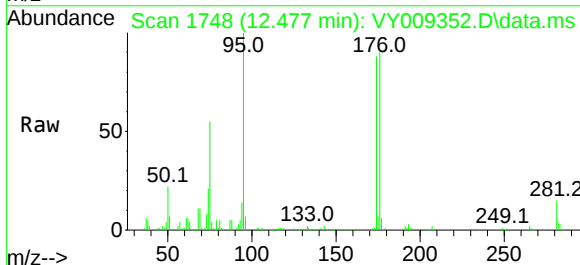
Instrument :
 MSVOA_Y
 ClientSampleId :
 B2206-35

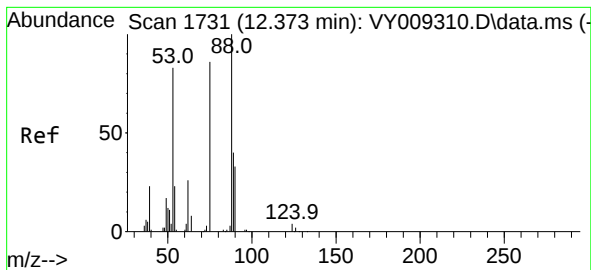
Tgt Ion:152 Resp: 82890
 Ion Ratio Lower Upper
 152 100
 115 55.7 28.6 85.9
 150 156.4 0.0 349.8



#76
 1,2,3-Trichloropropane
 Concen: 46.795 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.152 min
 Lab File: VY009352.D
 Acq: 27 Jun 2022 18:47

Tgt Ion: 75 Resp: 37641
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 92.633 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY009352.D
 Acq: 27 Jun 2022 18:47

Instrument :
 MSVOA_Y
 ClientSampleId :
 B2206-35

Tgt Ion: 75 Resp: 37641
 Ion Ratio Lower Upper
 75 100
 53 0.2 71.4 107.2#
 89 0.1 38.1 57.1#

