

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY063022\
 Data File : VY009403.D
 Acq On : 30 Jun 2022 19:07
 Operator : KP/MD
 Sample : N3539-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jul 01 03:48:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062822S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 17:35:34 2022
 Response via : Initial Calibration

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

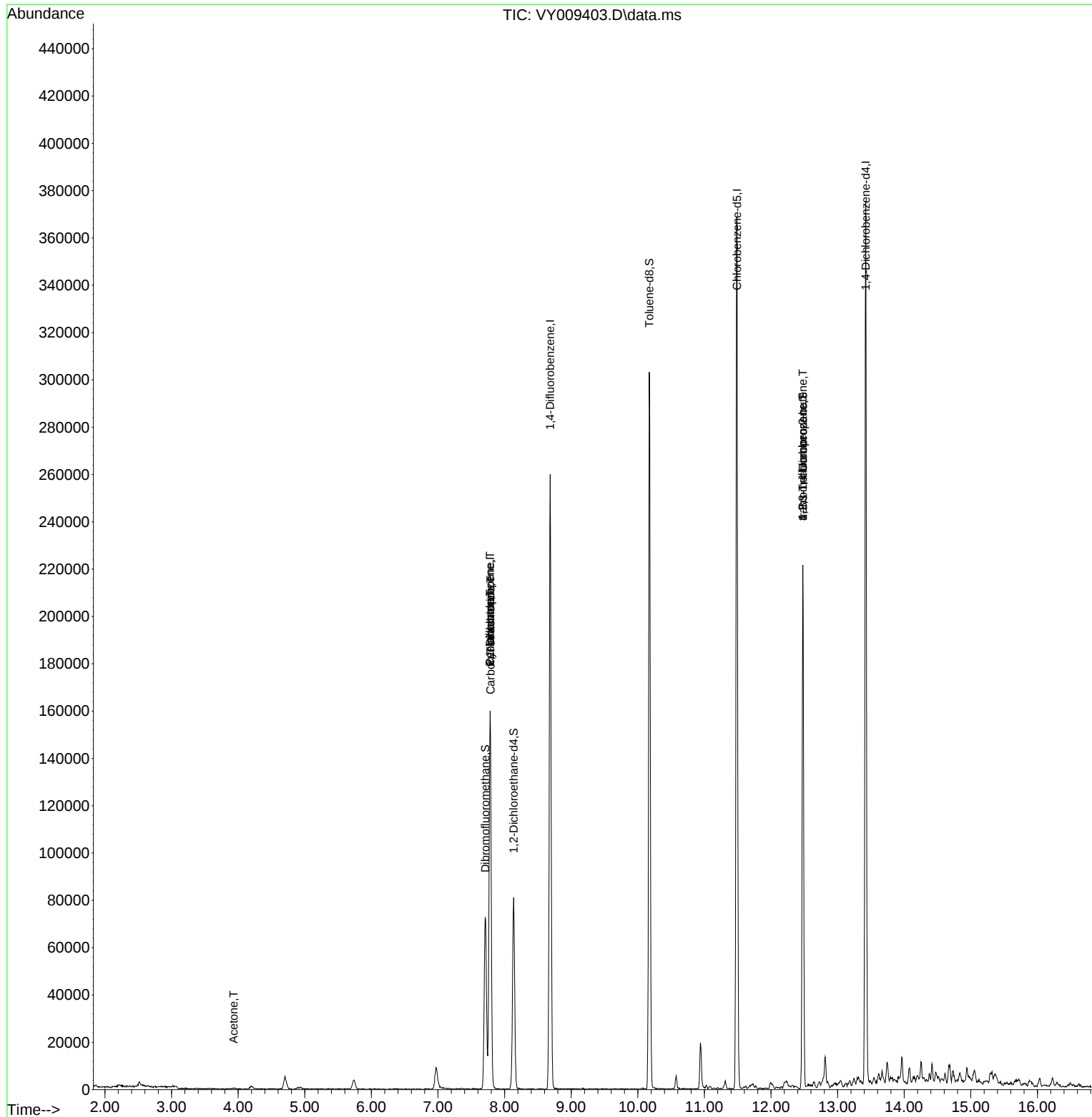
Internal Standards						
1) Pentafluorobenzene	7.782	168	125369	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	211837	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	200853	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	93469	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	60237	59.988	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	119.980%
35) Dibromofluoromethane	7.709	113	51101	43.830	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	87.660%
50) Toluene-d8	10.172	98	189845	53.109	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.220%
62) 4-Bromofluorobenzene	12.477	95	60440	35.650	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	71.300%
Target Compounds						
						Qvalue
11) Tert butyl alcohol	4.942	59	566	Below Cal	#	77
16) Acetone	3.930	43	838	2.541	ug/l #	77
18) Methyl Acetate	4.454	43	23	Below Cal	#	56
20) Methylene Chloride	4.704	84	3516	Below Cal		97
31) Cyclohexane	7.782	56	2914	1.290	ug/l #	13
36) 1,1-Dichloropropene	7.782	75	8962	4.396	ug/l #	53
38) Carbon Tetrachloride	7.789	117	12224	5.737	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	32798	29.963	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	32798	66.713	ug/l #	7

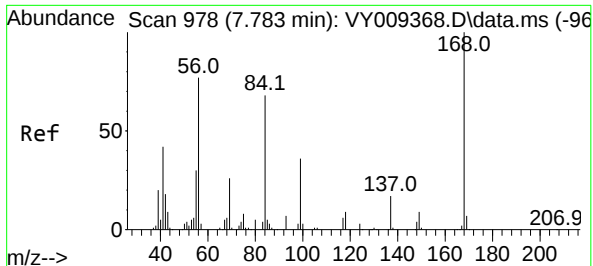
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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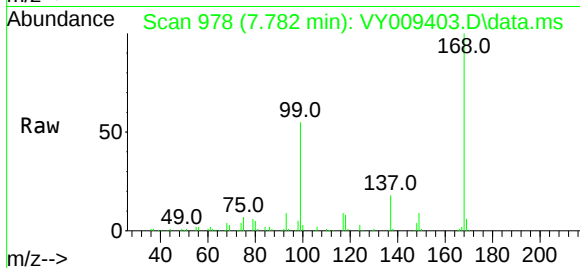
Quant Time: Jul 01 03:48:47 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062822S.M
Quant Title : SW846 8260
QLast Update : Wed Jun 29 17:35:34 2022
Response via : Initial Calibration



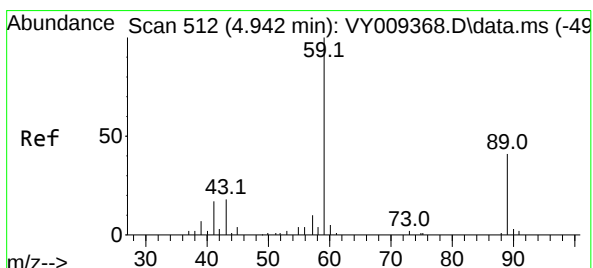
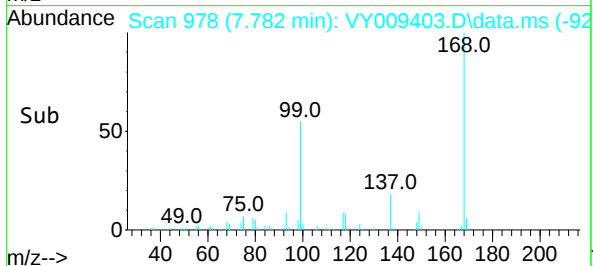
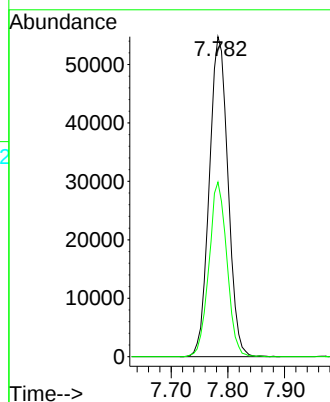


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.782 min Scan# 91
Delta R.T. -0.001 min
Lab File: VY009403.D
Acq: 30 Jun 2022 19:07

Instrument :
MSVOA_Y
ClientSampleId :

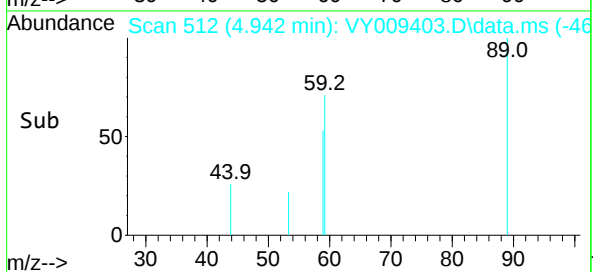
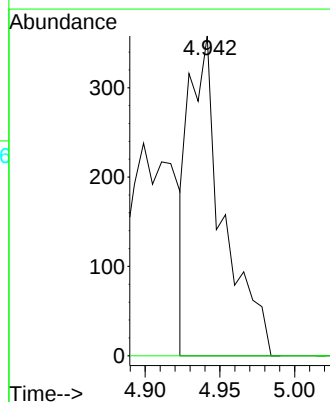
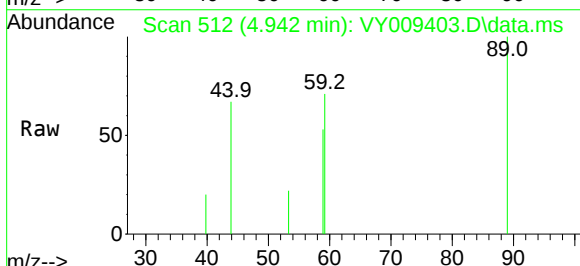


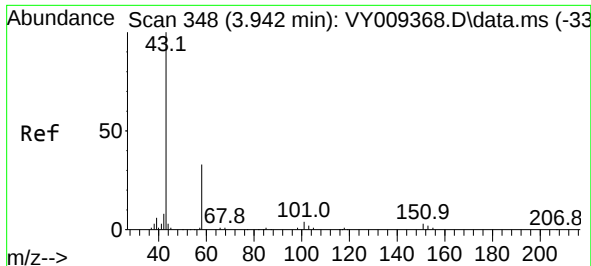
Tgt Ion:168 Resp: 125369
Ion Ratio Lower Upper
168 100
99 54.6 46.9 70.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.942 min Scan# 512
Delta R.T. -0.000 min
Lab File: VY009403.D
Acq: 30 Jun 2022 19:07

Tgt Ion: 59 Resp: 566
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

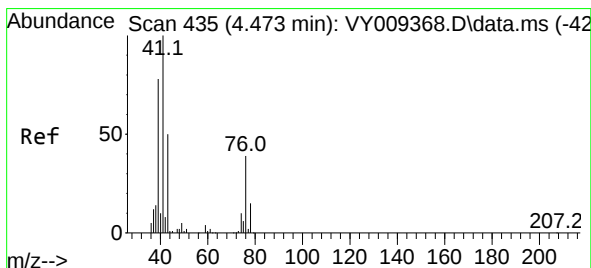
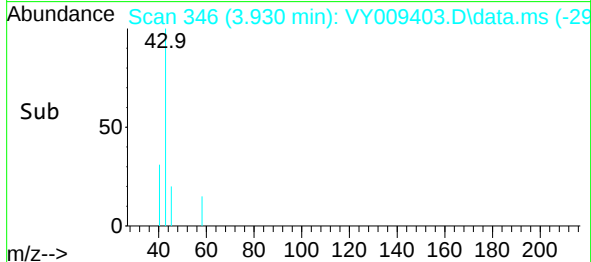
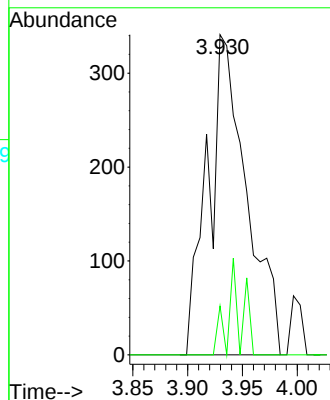
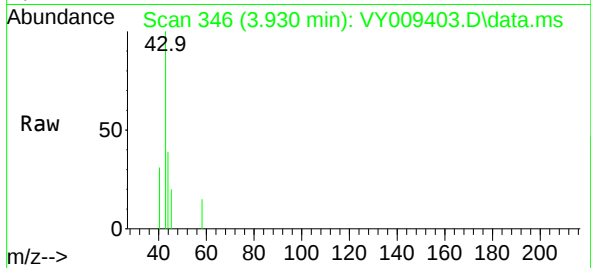




#16
Acetone
Concen: 2.541 ug/l
RT: 3.930 min Scan# 34
Delta R.T. -0.013 min
Lab File: VY009403.D
Acq: 30 Jun 2022 19:07

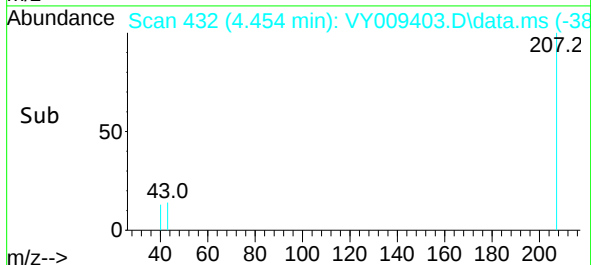
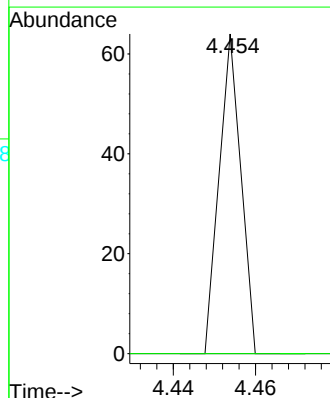
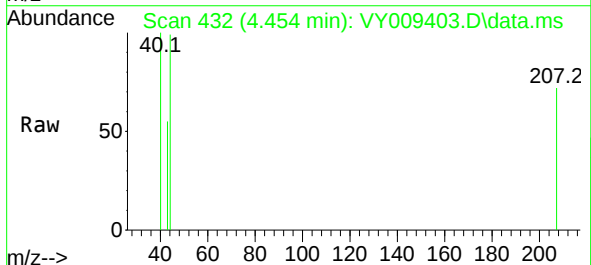
Instrument :
MSVOA_Y
ClientSampleId :

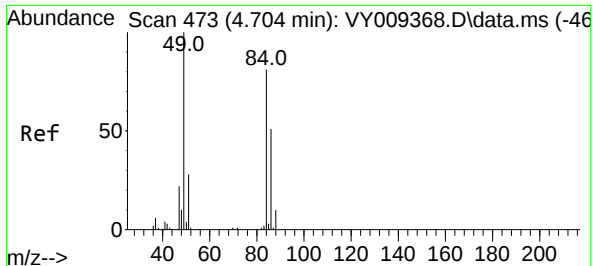
Tgt Ion: 43 Resp: 838
Ion Ratio Lower Upper
43 100
58 15.2 22.0 33.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.454 min Scan# 432
Delta R.T. -0.019 min
Lab File: VY009403.D
Acq: 30 Jun 2022 19:07

Tgt Ion: 43 Resp: 23
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#





#20

Methylene Chloride

Concen: Below Cal

RT: 4.704 min Scan# 41

Delta R.T. -0.006 min

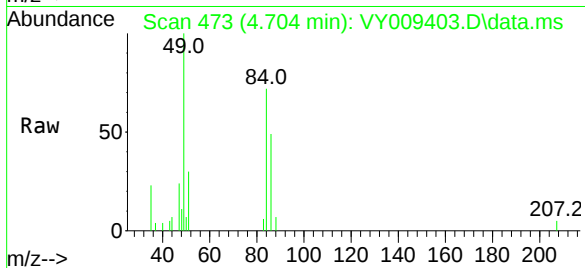
Lab File: VY009403.D

Acq: 30 Jun 2022 19:07

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 84 Resp: 3516

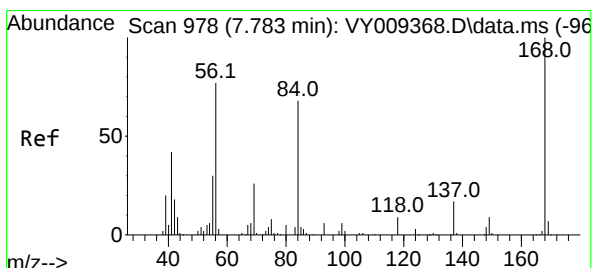
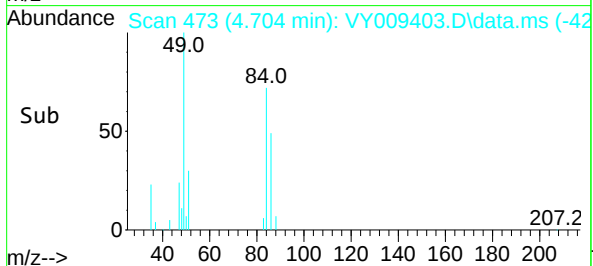
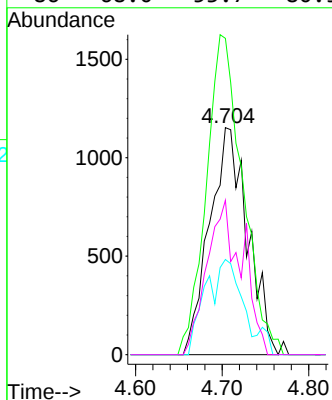
Ion Ratio Lower Upper

84 100

49 139.3 114.4 171.6

51 41.9 35.3 52.9

86 68.0 53.7 80.5



#31

Cyclohexane

Concen: 1.290 ug/l

RT: 7.782 min Scan# 978

Delta R.T. -0.001 min

Lab File: VY009403.D

Acq: 30 Jun 2022 19:07

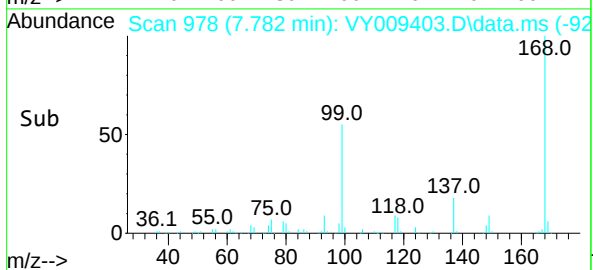
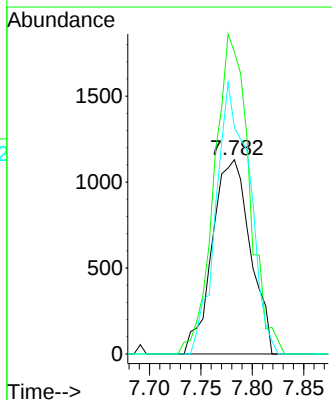
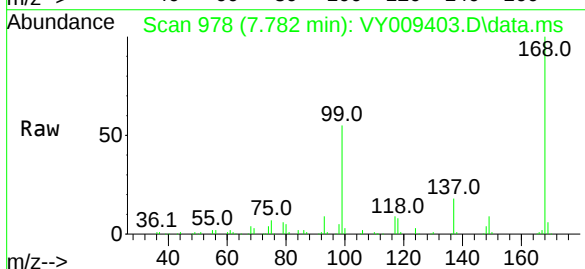
Tgt Ion: 56 Resp: 2914

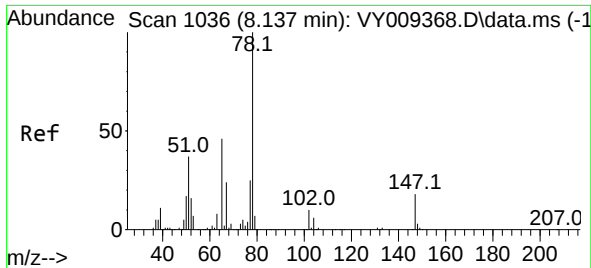
Ion Ratio Lower Upper

56 100

69 155.6 26.7 40.1#

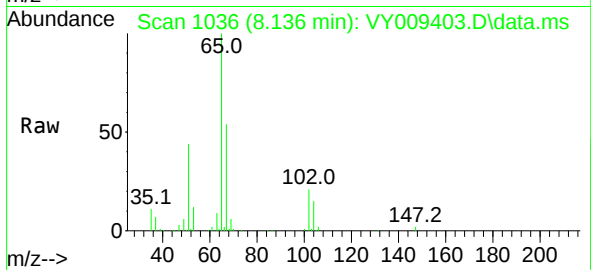
84 116.7 67.2 100.8#



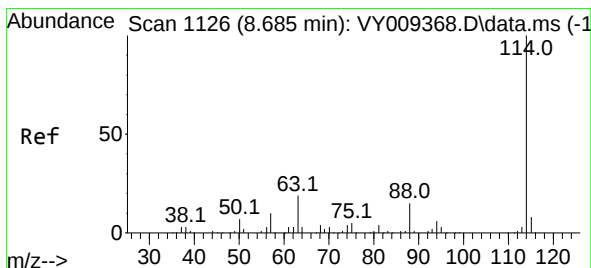
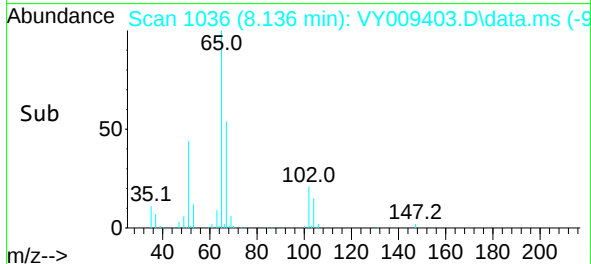
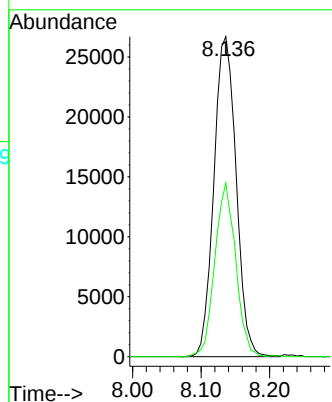


#33
 1,2-Dichloroethane-d4
 Concen: 59.988 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. 0.000 min
 Lab File: VY009403.D
 Acq: 30 Jun 2022 19:07

Instrument :
 MSVOA_Y
 ClientSampleId :

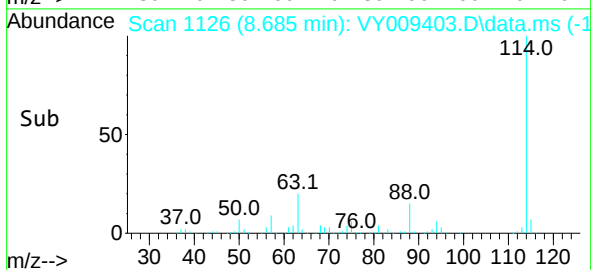
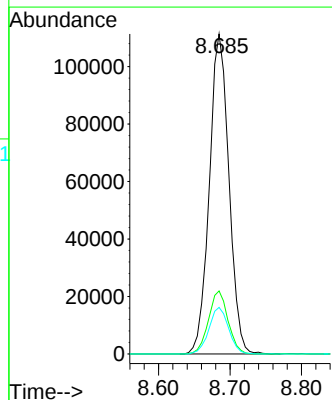
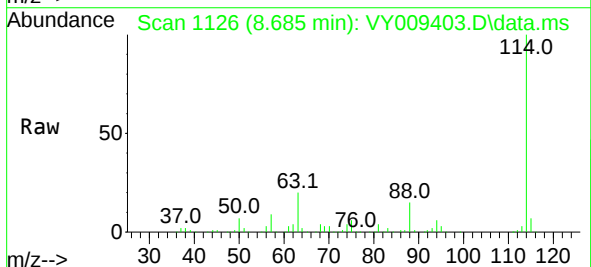


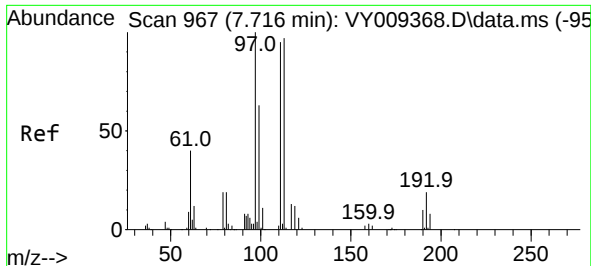
Tgt Ion: 65 Resp: 60237
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. -0.000 min
 Lab File: VY009403.D
 Acq: 30 Jun 2022 19:07

Tgt Ion: 114 Resp: 211837
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 43.2
 88 14.5 0.0 31.8

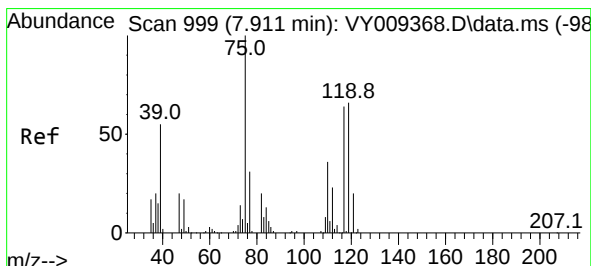
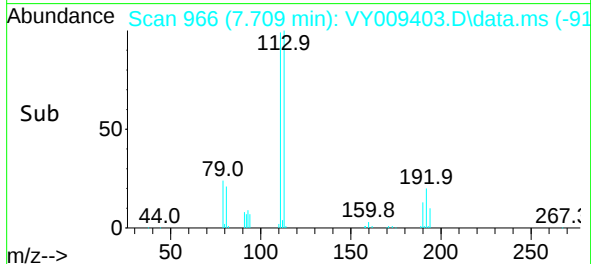
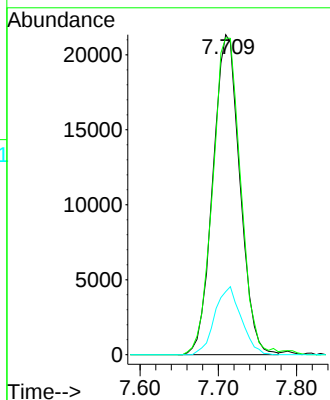
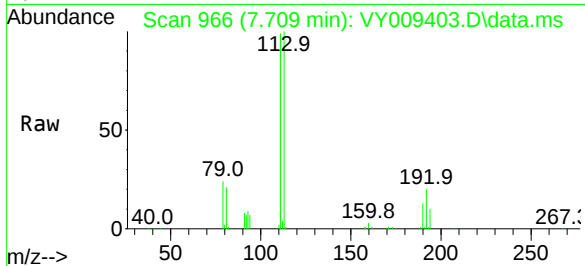




#35
Dibromofluoromethane
Concen: 43.830 ug/l
RT: 7.709 min Scan# 911
Delta R.T. -0.001 min
Lab File: VY009403.D
Acq: 30 Jun 2022 19:07

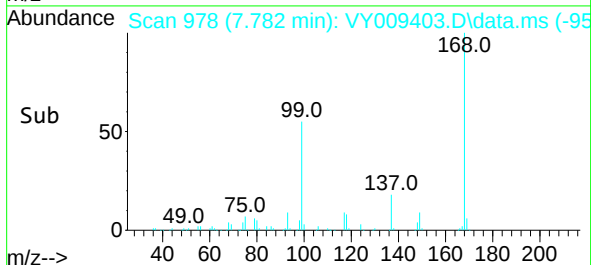
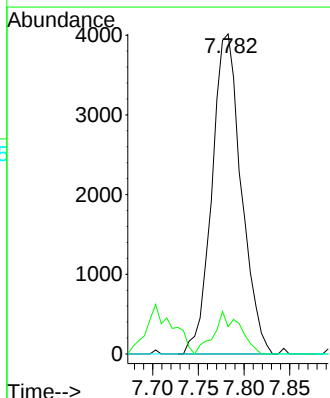
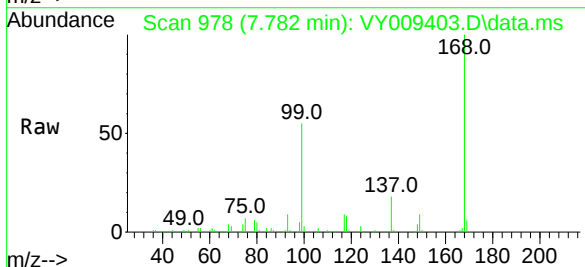
Instrument :
MSVOA_Y
ClientSampleId :

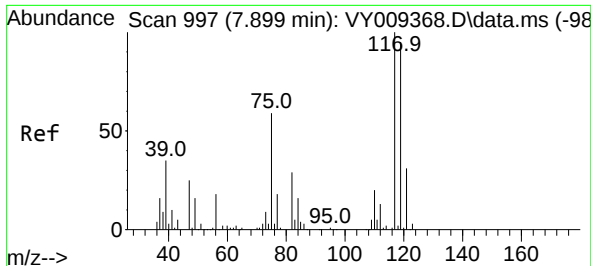
Tgt Ion:113 Resp: 51101
Ion Ratio Lower Upper
113 100
111 102.3 82.6 124.0
192 20.8 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.396 ug/l
RT: 7.782 min Scan# 978
Delta R.T. -0.129 min
Lab File: VY009403.D
Acq: 30 Jun 2022 19:07

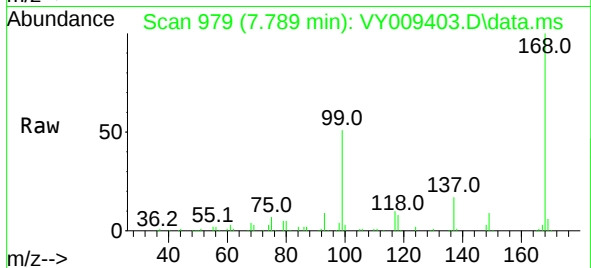
Tgt Ion: 75 Resp: 8962
Ion Ratio Lower Upper
75 100
110 11.8 17.1 51.2#
77 0.0 24.4 36.6#



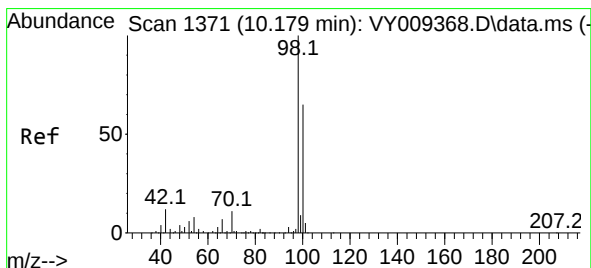
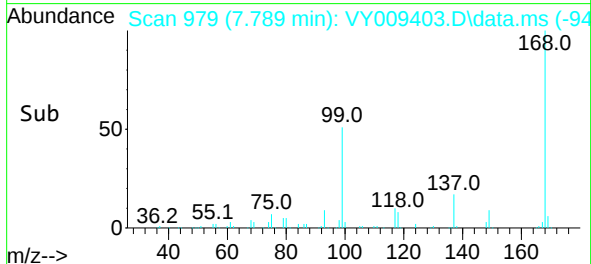
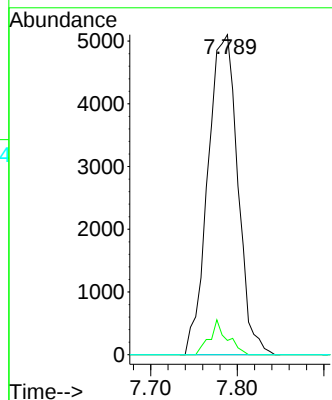


#38
Carbon Tetrachloride
Concen: 5.737 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY009403.D
Acq: 30 Jun 2022 19:07

Instrument :
MSVOA_Y
ClientSampleId :

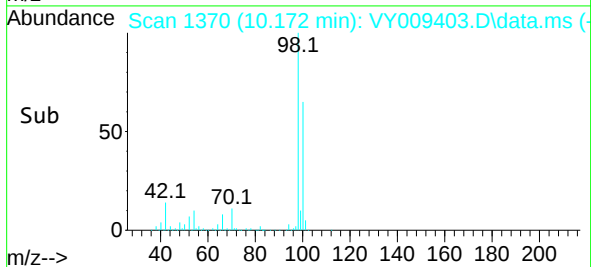
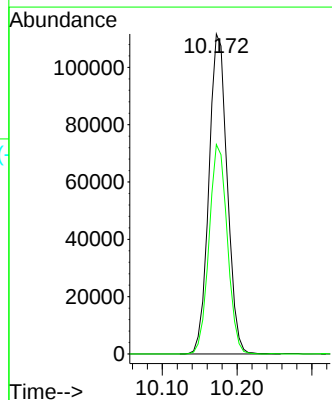
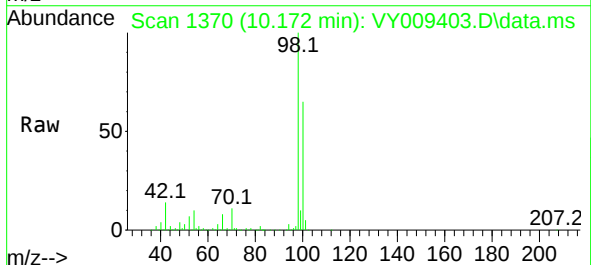


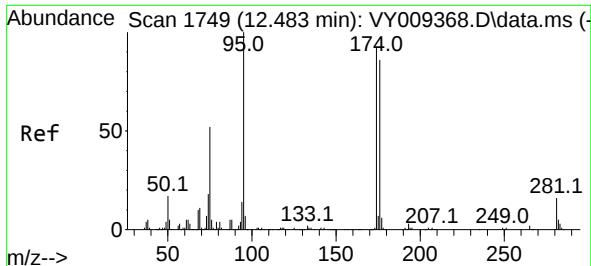
Tgt Ion:117 Resp: 12224
Ion Ratio Lower Upper
117 100
119 4.4 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 53.109 ug/l
RT: 10.172 min Scan# 1370
Delta R.T. -0.007 min
Lab File: VY009403.D
Acq: 30 Jun 2022 19:07

Tgt Ion: 98 Resp: 189845
Ion Ratio Lower Upper
98 100
100 65.2 50.2 75.2

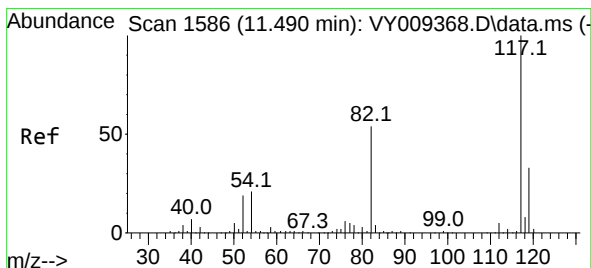
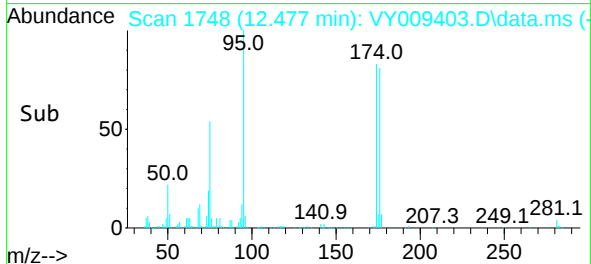
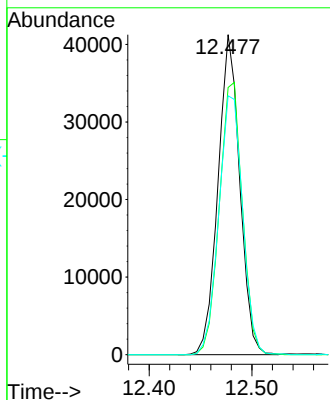
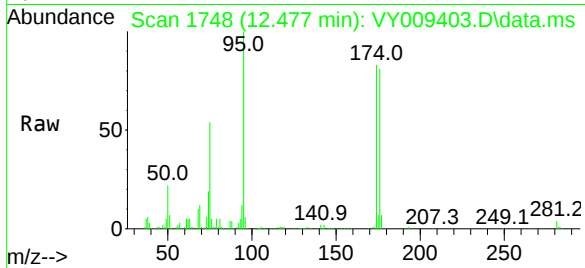




#62
4-Bromofluorobenzene
Concen: 35.650 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY009403.D
Acq: 30 Jun 2022 19:07

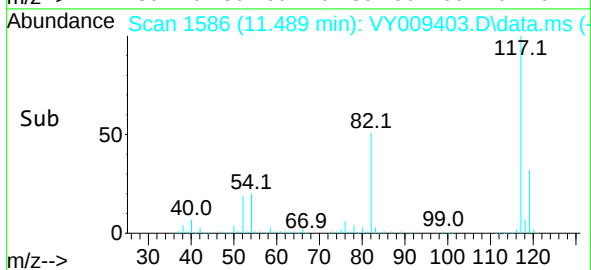
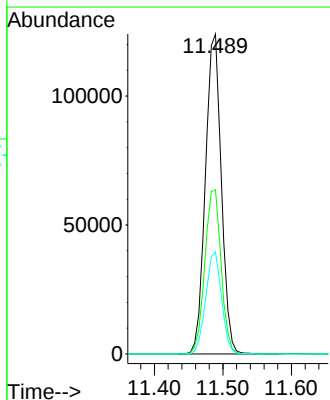
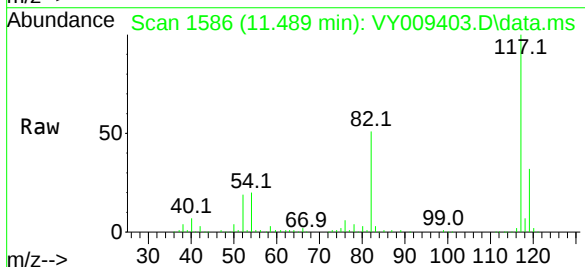
Instrument :
MSVOA_Y
ClientSampleId :

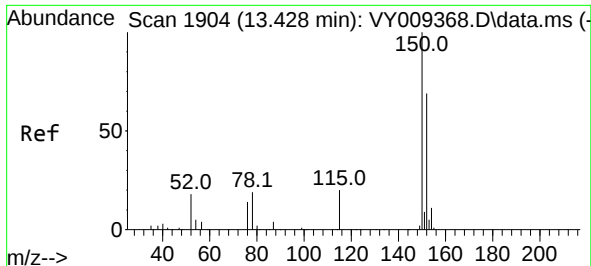
Tgt Ion: 95 Resp: 60440
Ion Ratio Lower Upper
95 100
174 90.1 0.0 177.0
176 88.8 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY009403.D
Acq: 30 Jun 2022 19:07

Tgt Ion: 117 Resp: 200853
Ion Ratio Lower Upper
117 100
82 51.3 43.0 64.4
119 31.9 25.4 38.0

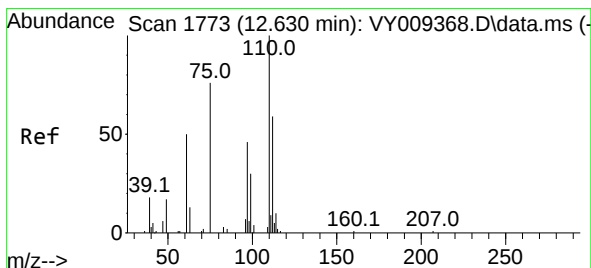
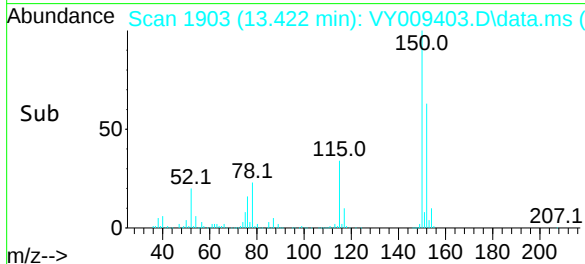
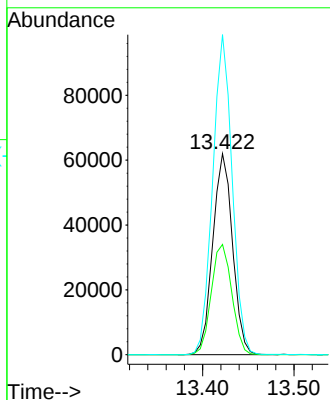
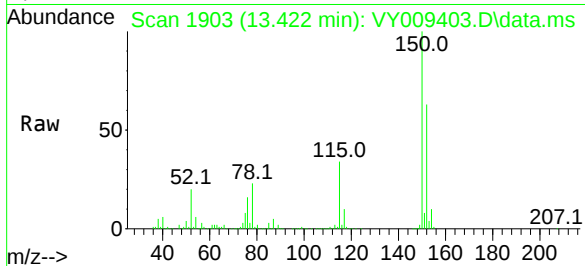




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY009403.D
 Acq: 30 Jun 2022 19:07

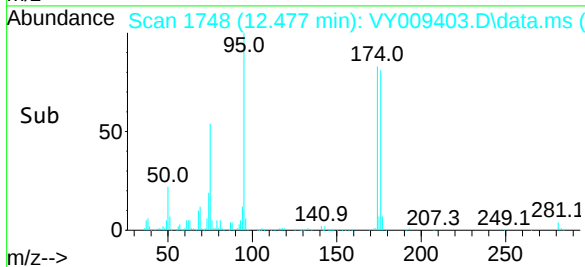
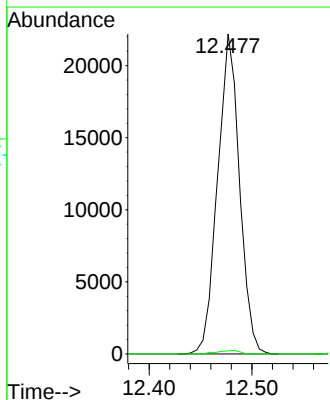
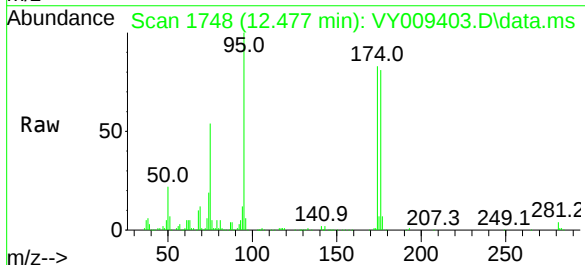
Instrument :
 MSVOA_Y
 ClientSampleId :

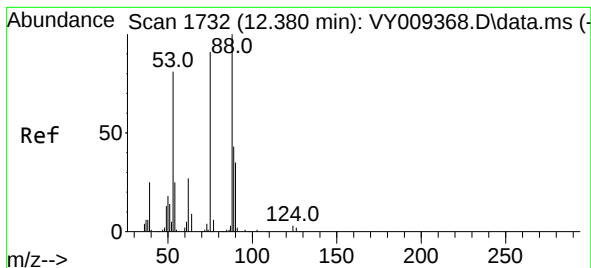
Tgt Ion:152 Resp: 93469
 Ion Ratio Lower Upper
 152 100
 115 56.9 28.2 84.7
 150 156.9 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 29.963 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.153 min
 Lab File: VY009403.D
 Acq: 30 Jun 2022 19:07

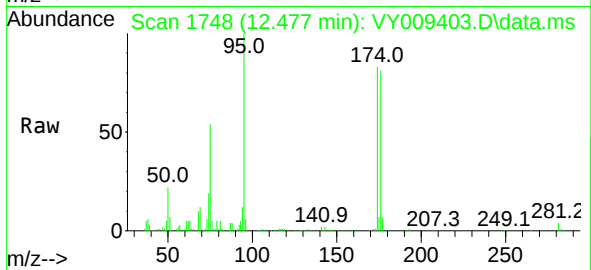
Tgt Ion: 75 Resp: 32798
 Ion Ratio Lower Upper
 75 100
 77 1.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 66.713 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY009403.D
 Acq: 30 Jun 2022 19:07

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 32798
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.3 37.0 55.4#

