

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062922\
 Data File : VY009381.D
 Acq On : 29 Jun 2022 18:28
 Operator : KP/MD
 Sample : N3488-01
 Misc : 3.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-9-0-2-20220623

Quant Time: Jun 30 05:13:30 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)

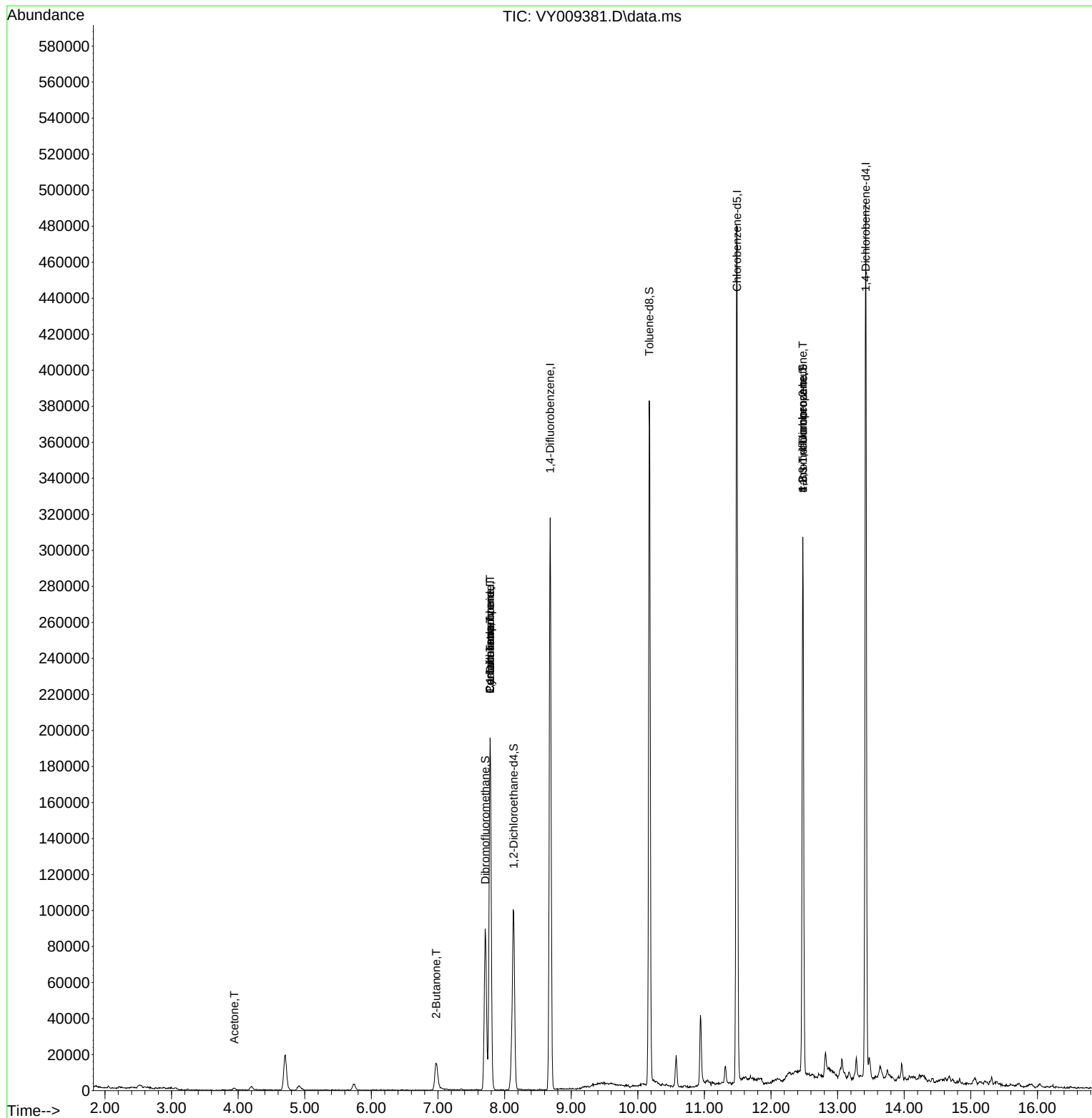
Internal Standards						
1) Pentafluorobenzene	7.783	168	153434	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	265745	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	258058	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	119776	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	67652	55.049	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.100%
35) Dibromofluoromethane	7.710	113	61906	42.326	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	84.660%
50) Toluene-d8	10.173	98	248121	55.331	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	110.660%
62) 4-Bromofluorobenzene	12.477	95	86100	40.484	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	80.960%
Target Compounds						
11) Tert butyl alcohol	4.917	59	2477	Below Cal	#	77
16) Acetone	3.942	43	1876	4.648	ug/l #	84
18) Methyl Acetate	4.478	43	64	Below Cal	#	56
25) 2-Butanone	6.972	43	1255	1.961	ug/l #	54
31) Cyclohexane	7.783	56	3278	1.186	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	12068	4.719	ug/l #	50
38) Carbon Tetrachloride	7.783	117	14493	5.422	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	44131	31.462	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	44131	70.050	ug/l #	8

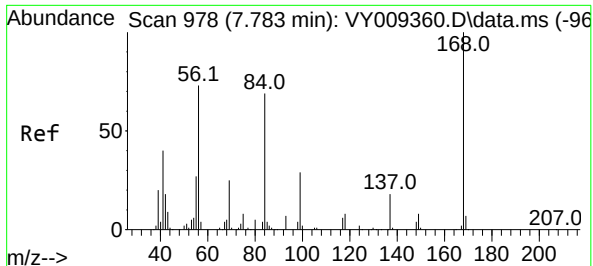
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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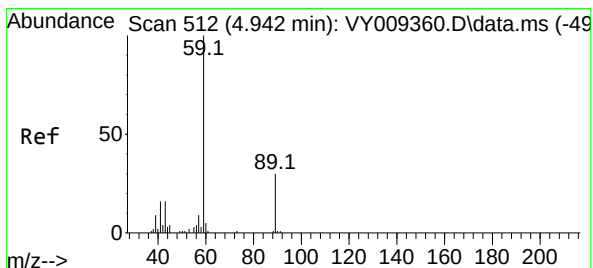
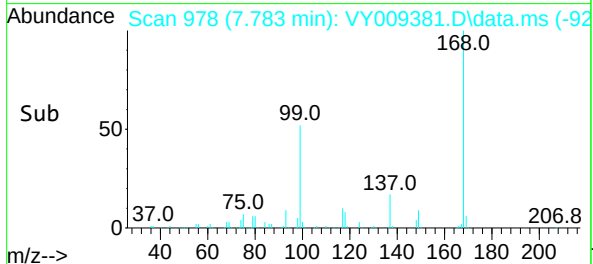
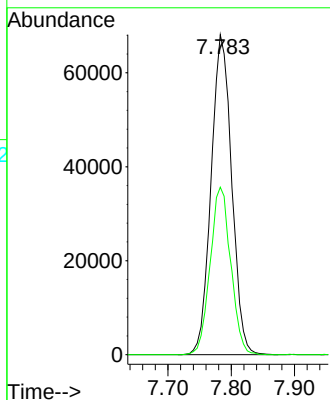
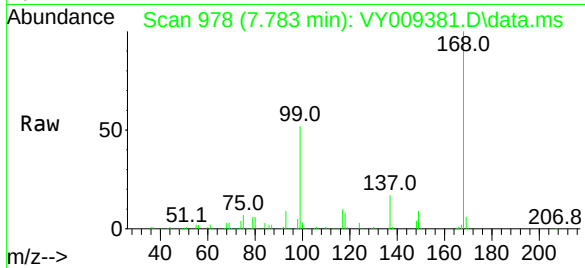




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009381.D
Acq: 29 Jun 2022 18:28

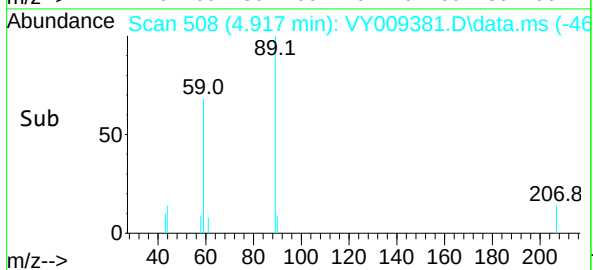
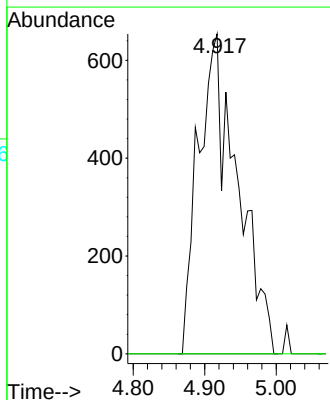
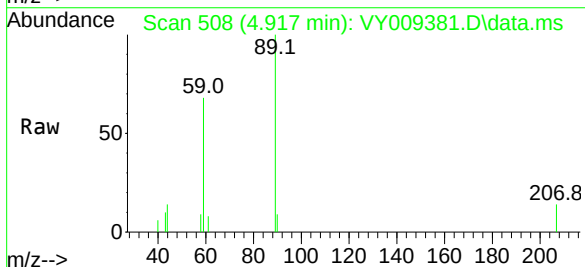
Instrument :
MSVOA_Y
ClientSampleId :
SB-9-0-2-20220623

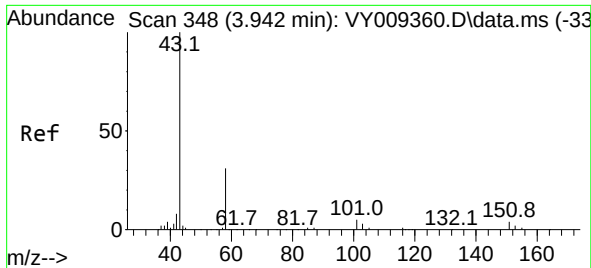
Tgt Ion:168 Resp: 153434
Ion Ratio Lower Upper
168 100
99 52.4 46.9 70.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.917 min Scan# 508
Delta R.T. -0.025 min
Lab File: VY009381.D
Acq: 29 Jun 2022 18:28

Tgt Ion: 59 Resp: 2477
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#





#16

Acetone

Concen: 4.648 ug/l

RT: 3.942 min Scan# 34

Delta R.T. -0.000 min

Lab File: VY009381.D

Acq: 29 Jun 2022 18:28

Instrument :

MSVOA_Y

ClientSampleId :

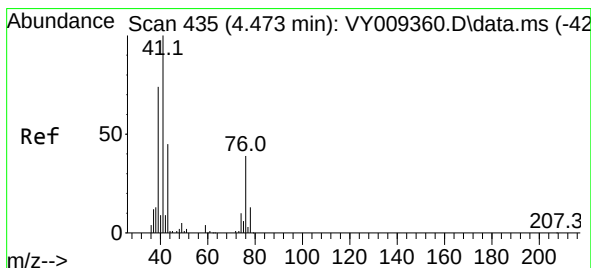
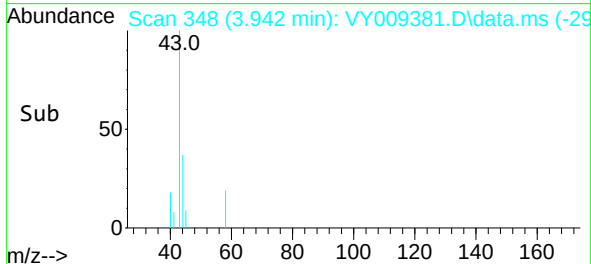
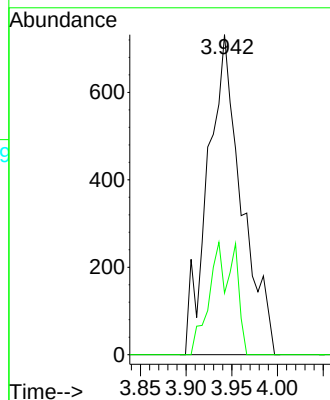
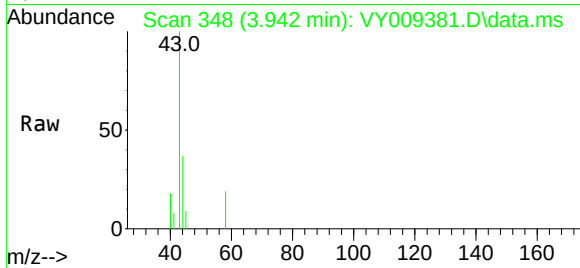
SB-9-0-2-20220623

Tgt Ion: 43 Resp: 1876

Ion Ratio Lower Upper

43 100

58 19.3 22.0 33.0#



#18

Methyl Acetate

Concen: Below Cal

RT: 4.478 min Scan# 436

Delta R.T. 0.005 min

Lab File: VY009381.D

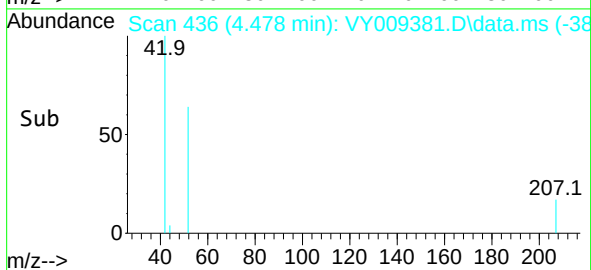
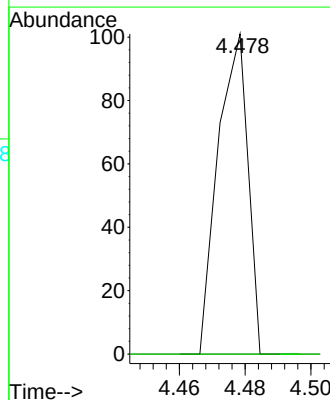
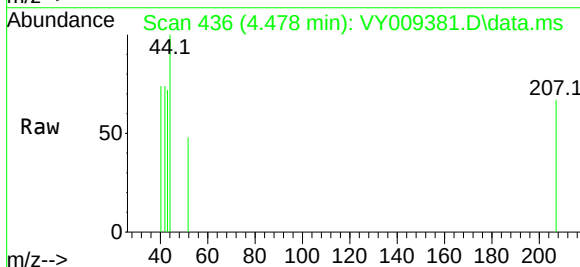
Acq: 29 Jun 2022 18:28

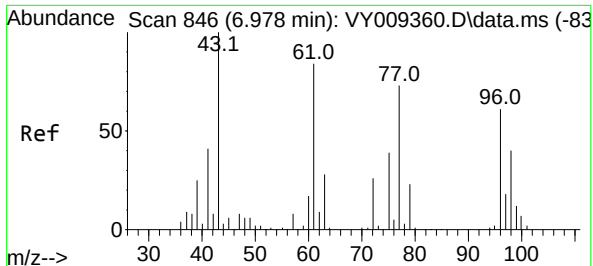
Tgt Ion: 43 Resp: 64

Ion Ratio Lower Upper

43 100

74 0.0 16.6 24.8#

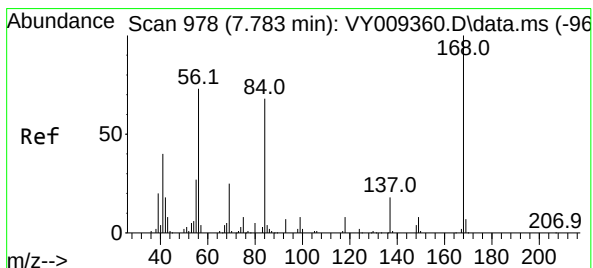
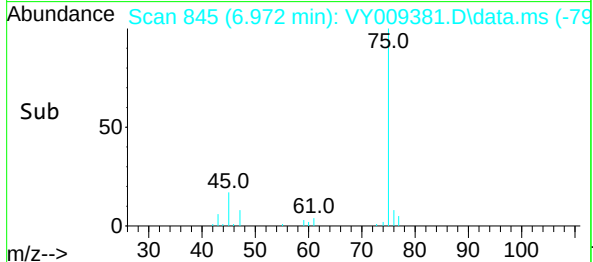
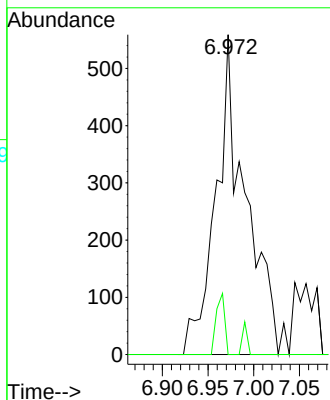
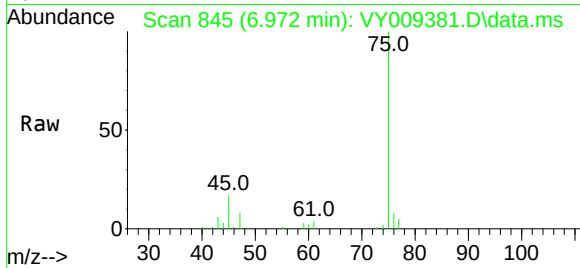




#25
2-Butanone
Concen: 1.961 ug/l
RT: 6.972 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY009381.D
Acq: 29 Jun 2022 18:28

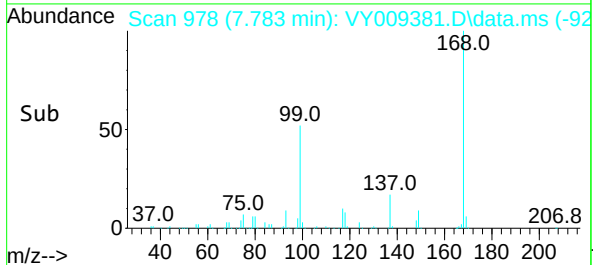
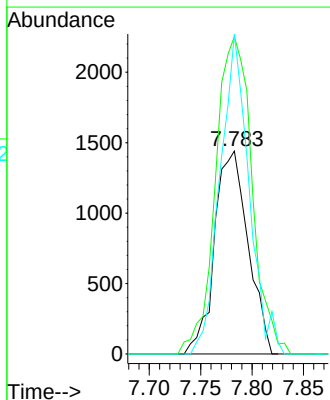
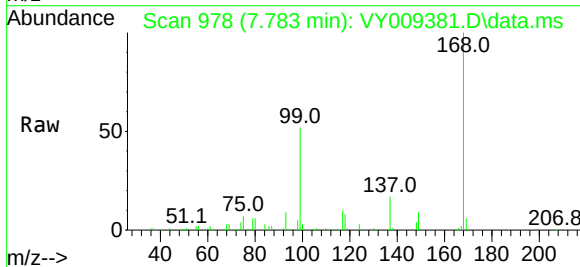
Instrument :
MSVOA_Y
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SB-9-0-2-20220623

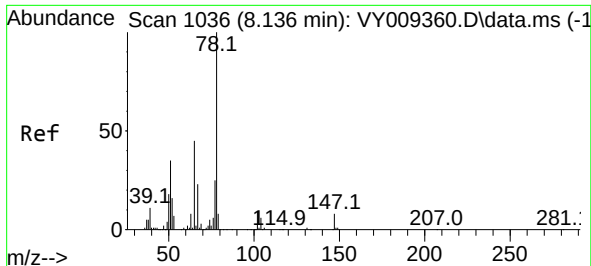
Tgt Ion: 43 Resp: 1255
Ion Ratio Lower Upper
43 100
72 0.0 17.7 26.5#



#31
Cyclohexane
Concen: 1.186 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.000 min
Lab File: VY009381.D
Acq: 29 Jun 2022 18:28

Tgt Ion: 56 Resp: 3278
Ion Ratio Lower Upper
56 100
69 156.4 26.7 40.1#
84 157.7 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 55.049 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY009381.D

Acq: 29 Jun 2022 18:28

Instrument :

MSVOA_Y

ClientSampleId :

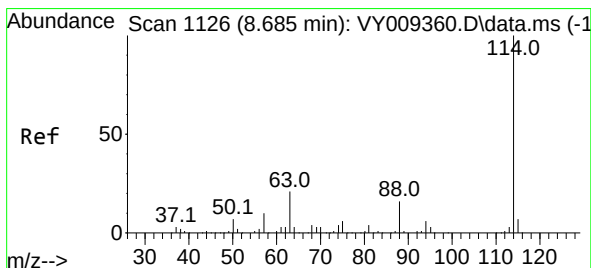
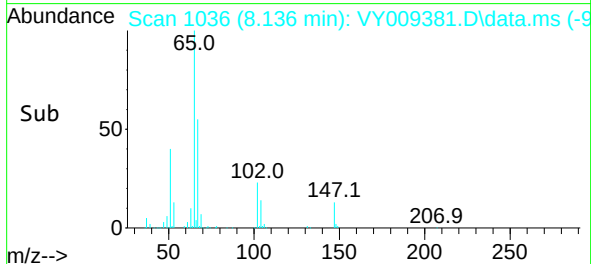
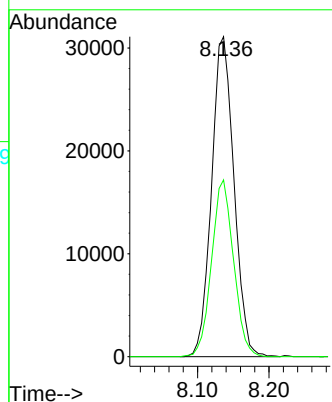
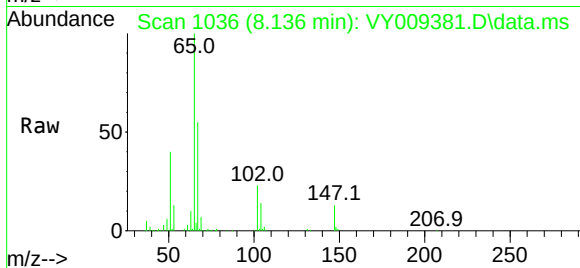
SB-9-0-2-20220623

Tgt Ion: 65 Resp: 67652

Ion Ratio Lower Upper

65 100

67 54.3 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: VY009381.D

Acq: 29 Jun 2022 18:28

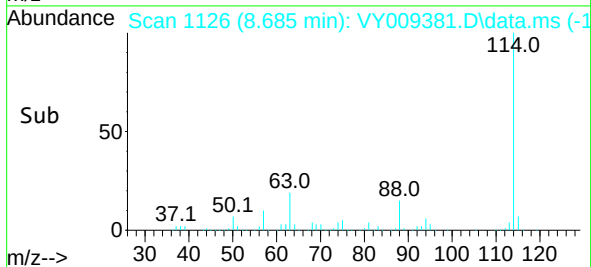
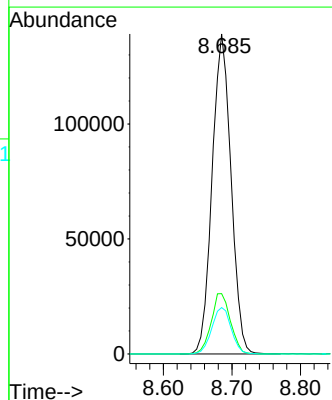
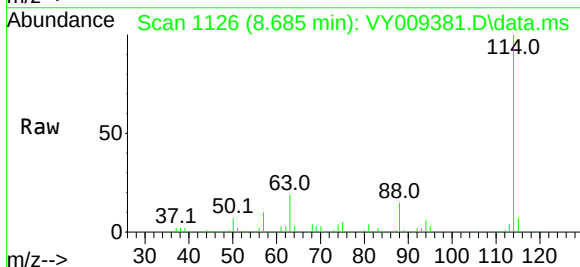
Tgt Ion: 114 Resp: 265745

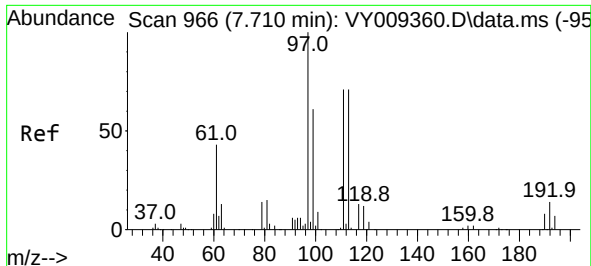
Ion Ratio Lower Upper

114 100

63 18.8 0.0 43.2

88 14.5 0.0 31.8

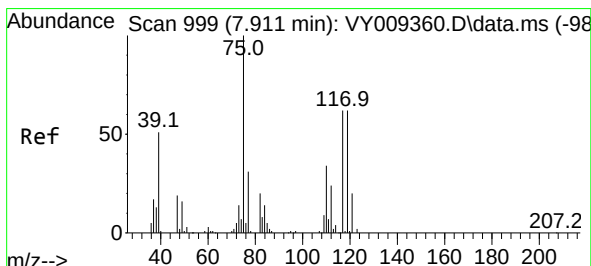
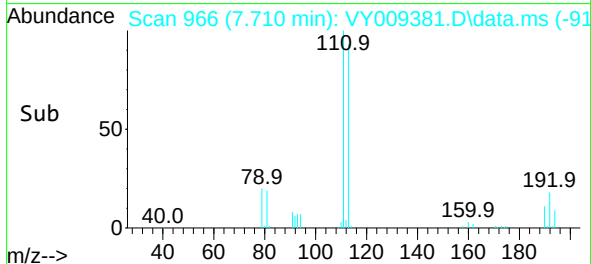
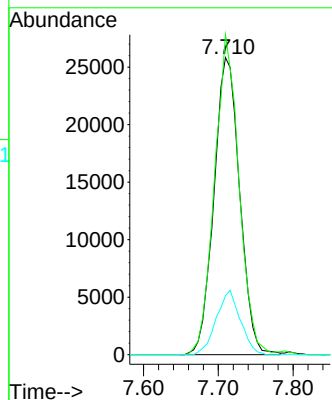
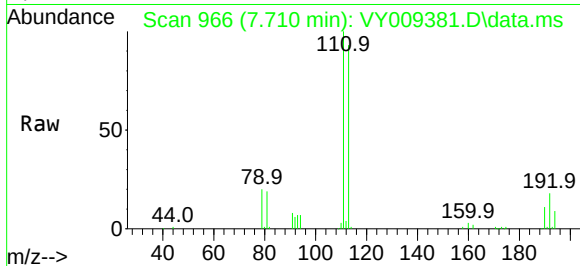




#35
Dibromofluoromethane
Concen: 42.326 ug/l
RT: 7.710 min Scan# 910
Delta R.T. -0.000 min
Lab File: VY009381.D
Acq: 29 Jun 2022 18:28

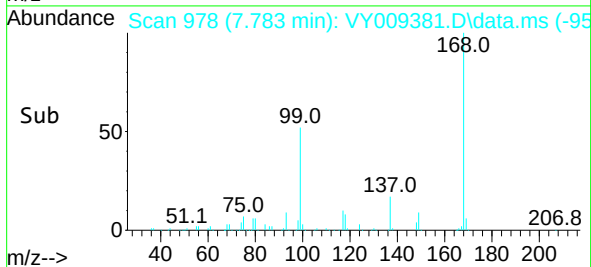
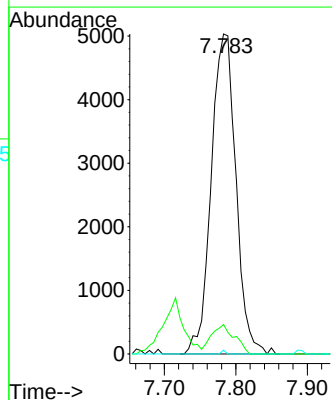
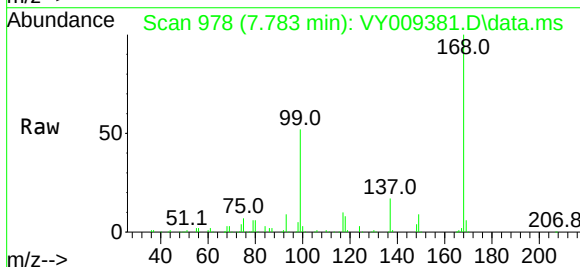
Instrument :
MSVOA_Y
ClientSampleId :
SB-9-0-2-20220623

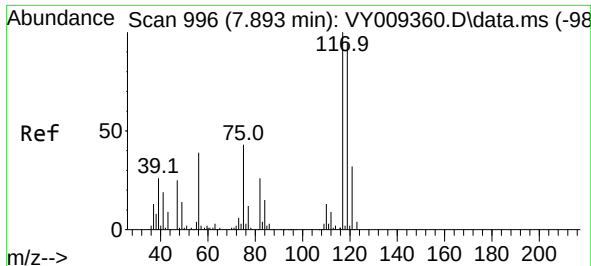
Tgt Ion:113 Resp: 61906
Ion Ratio Lower Upper
113 100
111 102.5 82.6 124.0
192 20.2 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.719 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY009381.D
Acq: 29 Jun 2022 18:28

Tgt Ion: 75 Resp: 12068
Ion Ratio Lower Upper
75 100
110 8.6 17.1 51.2#
77 0.2 24.4 36.6#

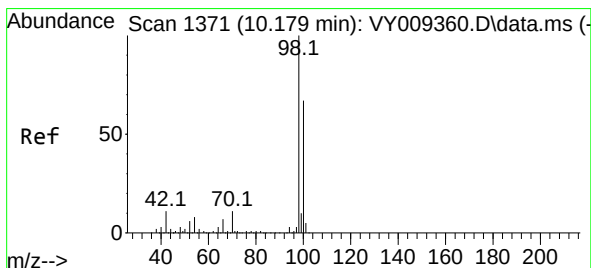
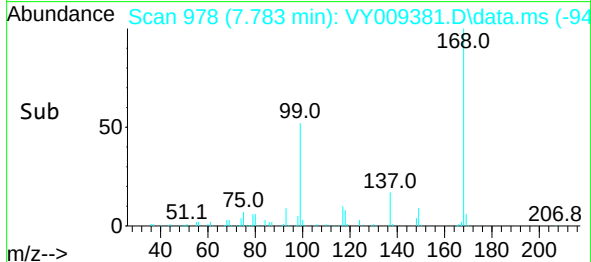
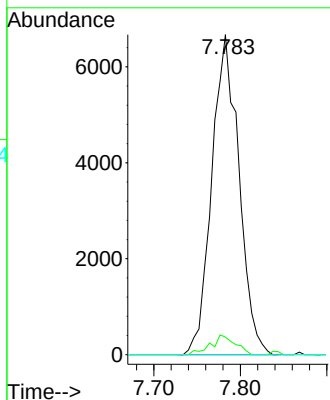
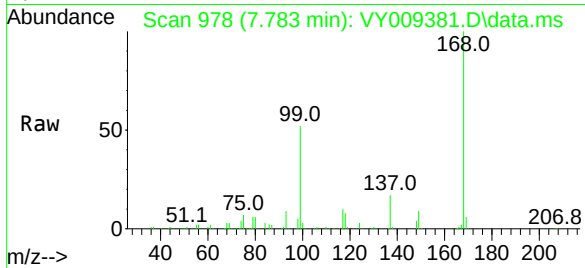




#38
Carbon Tetrachloride
Concen: 5.422 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY009381.D
Acq: 29 Jun 2022 18:28

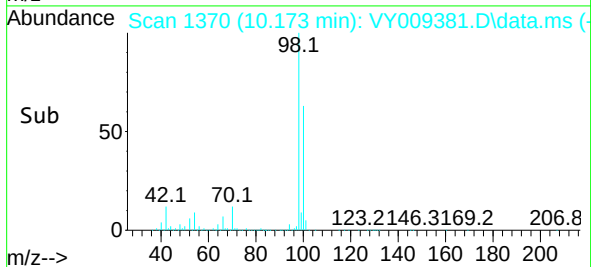
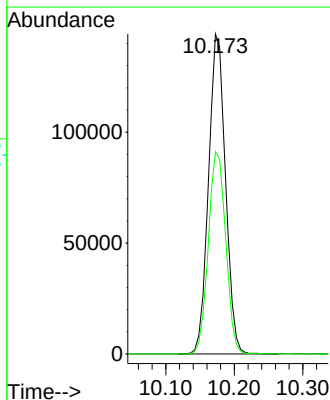
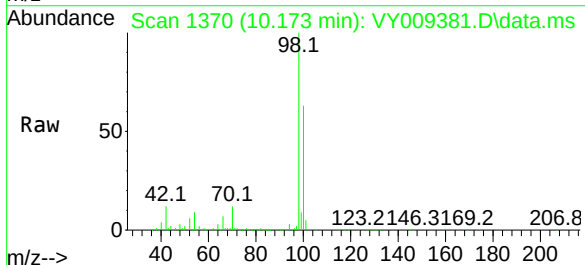
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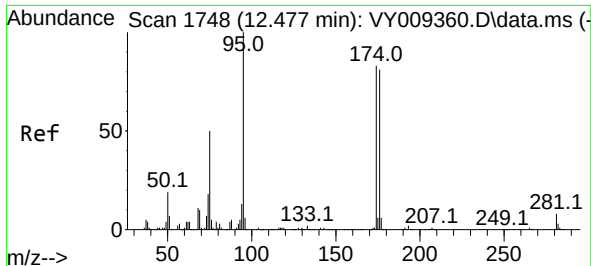
Tgt Ion:117 Resp: 14493
Ion Ratio Lower Upper
117 100
119 5.5 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 55.331 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.006 min
Lab File: VY009381.D
Acq: 29 Jun 2022 18:28

Tgt Ion: 98 Resp: 248121
Ion Ratio Lower Upper
98 100
100 64.9 50.2 75.2

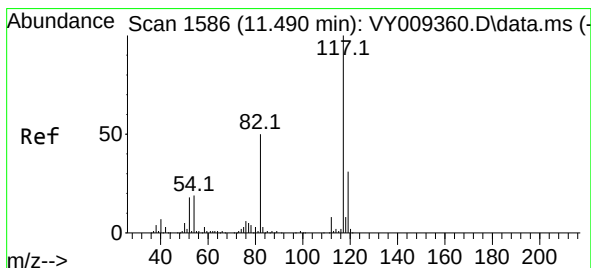
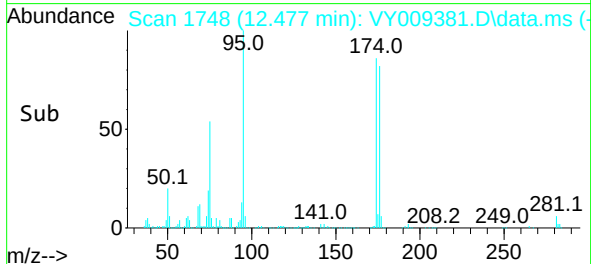
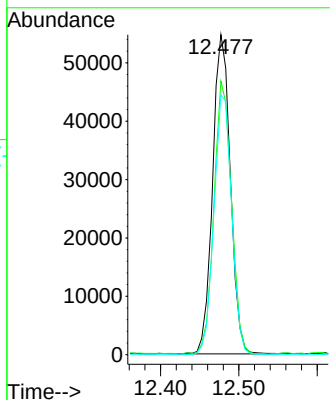
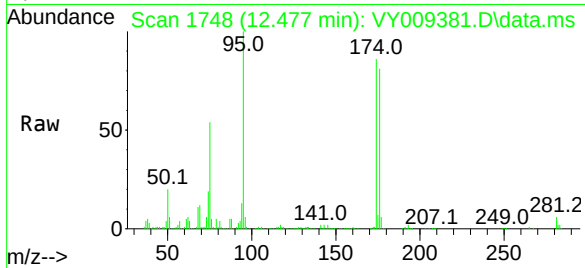




#62
4-Bromofluorobenzene
Concen: 40.484 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009381.D
Acq: 29 Jun 2022 18:28

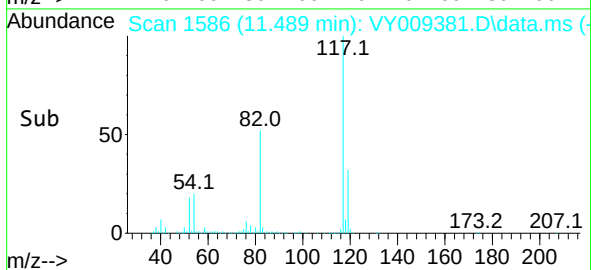
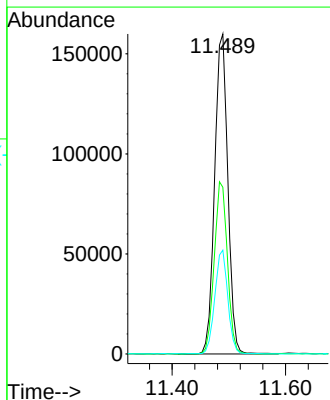
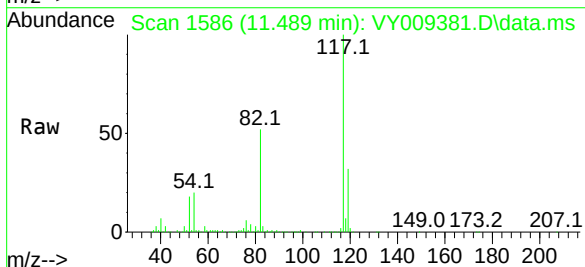
Instrument :
MSVOA_Y
ClientSampleId :
SB-9-0-2-20220623

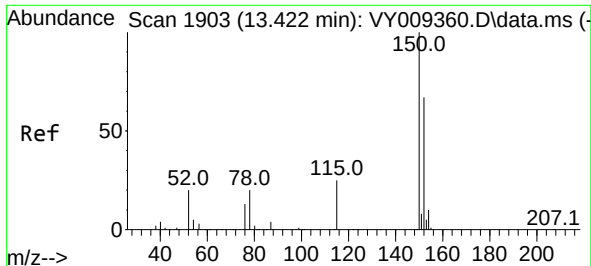
Tgt Ion: 95 Resp: 86100
Ion Ratio Lower Upper
95 100
174 84.8 0.0 177.0
176 81.4 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY009381.D
Acq: 29 Jun 2022 18:28

Tgt Ion: 117 Resp: 258058
Ion Ratio Lower Upper
117 100
82 52.1 43.0 64.4
119 32.4 25.4 38.0

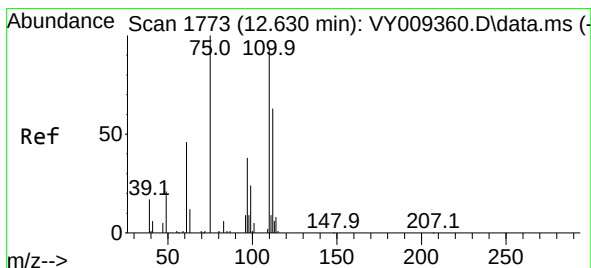
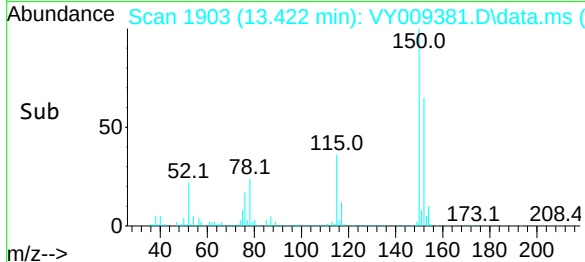
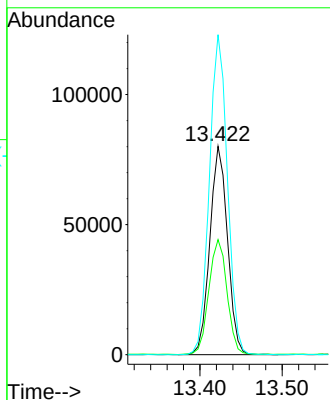
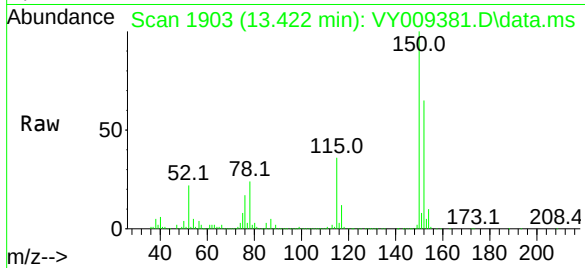




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.000 min
 Lab File: VY009381.D
 Acq: 29 Jun 2022 18:28

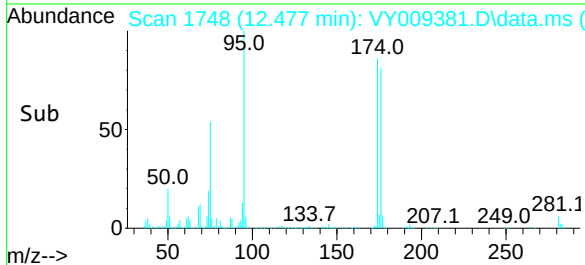
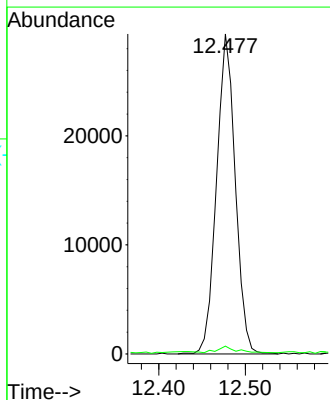
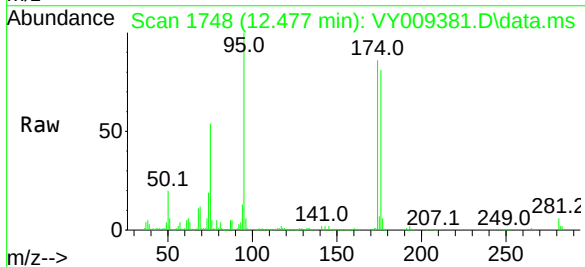
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-9-0-2-20220623

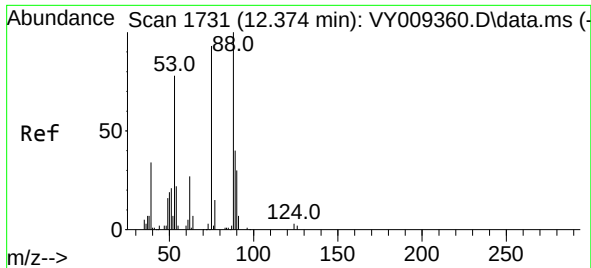
Tgt Ion:152 Resp: 119776
 Ion Ratio Lower Upper
 152 100
 115 56.5 28.2 84.7
 150 156.7 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 31.462 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.153 min
 Lab File: VY009381.D
 Acq: 29 Jun 2022 18:28

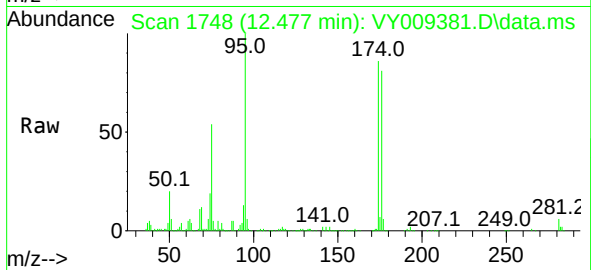
Tgt Ion: 75 Resp: 44131
 Ion Ratio Lower Upper
 75 100
 77 2.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 70.050 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY009381.D
 Acq: 29 Jun 2022 18:28

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-9-0-2-20220623



Tgt Ion	Ratio	Lower	Upper
75	100		
53	1.1	85.3	127.9#
89	0.7	37.0	55.4#

