

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080922\
 Data File : VY009942.D
 Acq On : 10 Aug 2022 01:42
 Operator : KP/MD
 Sample : N4017-05
 Misc : 6.34g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB12

Quant Time: Aug 10 08:13:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080822S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 08 17:55:50 2022
 Response via : Initial Calibration

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

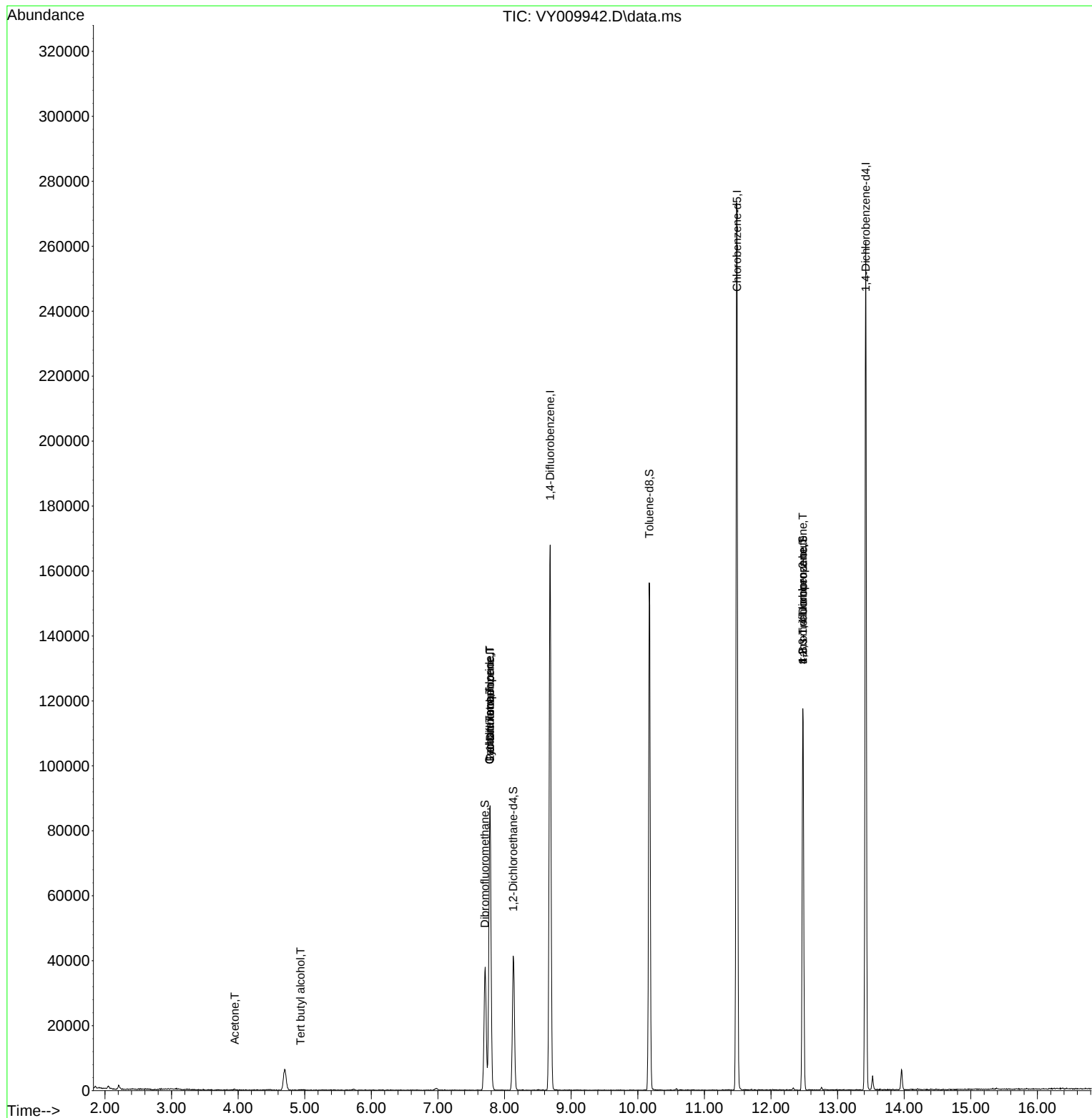
Internal Standards						
1) Pentafluorobenzene	7.783	168	67652	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	140466	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	146057	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	62679	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	28941	55.249	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.500%
35) Dibromofluoromethane	7.704	113	26430	34.662	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	69.320%
50) Toluene-d8	10.173	98	99135	41.820	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	83.640%
62) 4-Bromofluorobenzene	12.477	95	32436	30.465	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	60.940%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.936	59	282	3.677	ug/l #	78
16) Acetone	3.948	43	266	1.394	ug/l #	45
18) Methyl Acetate	4.454	43	227	Below Cal	#	52
20) Methylene Chloride	4.698	84	4915	Below Cal		96
31) Cyclohexane	7.777	56	1455	1.108	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	5331	4.143	ug/l #	48
38) Carbon Tetrachloride	7.777	117	6583	5.155	ug/l #	18
76) 1,2,3-Trichloropropane	12.477	75	16918	24.670	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	16918	49.877	ug/l #	13

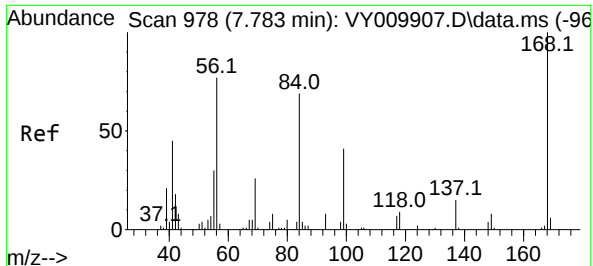
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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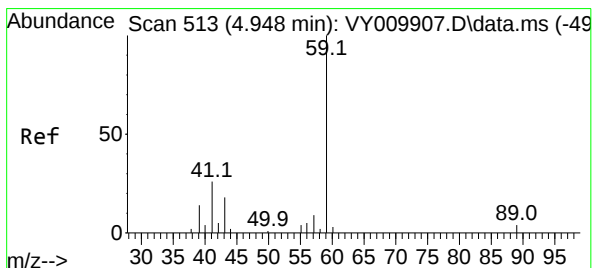
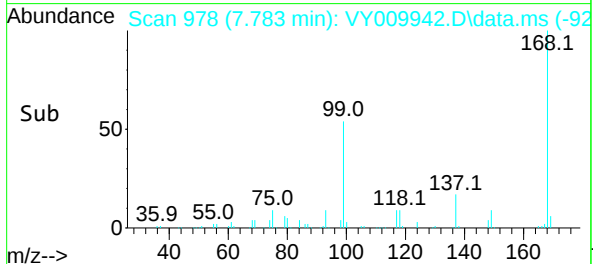
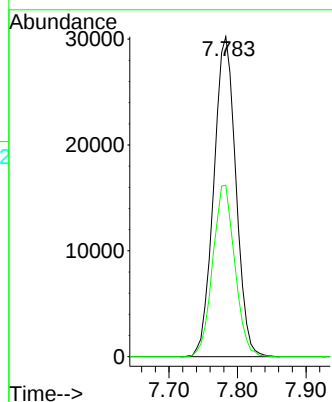
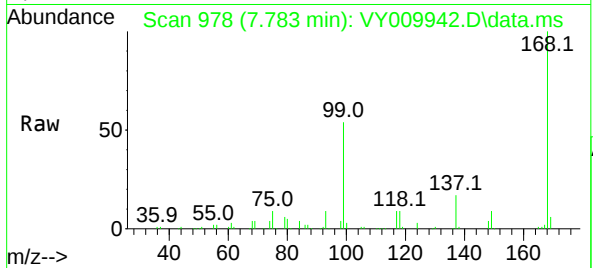




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.001 min
Lab File: VY009942.D
Acq: 10 Aug 2022 01:42

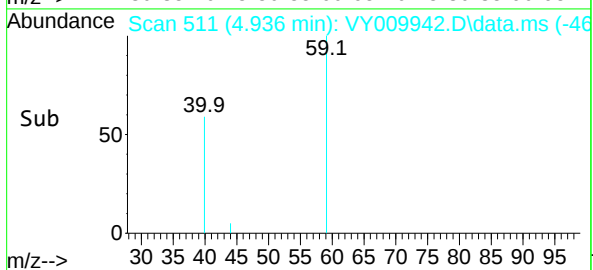
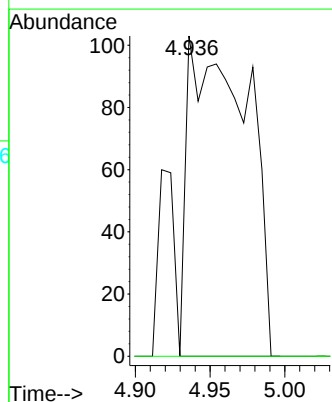
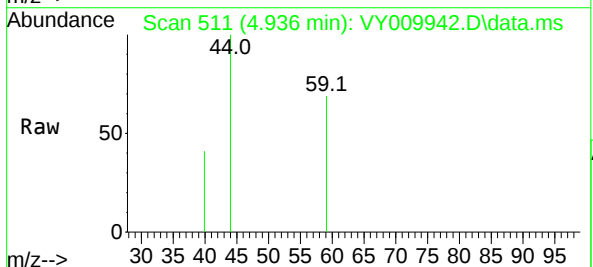
Instrument :
MSVOA_Y
ClientSampleId :
SB12

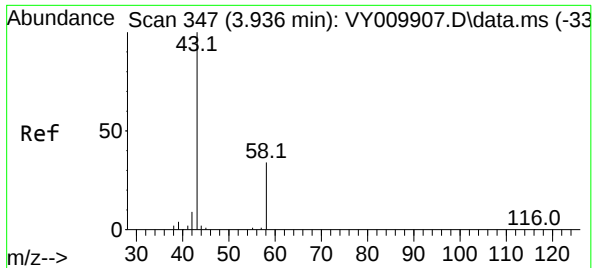
Tgt Ion:168 Resp: 67652
Ion Ratio Lower Upper
168 100
99 53.6 42.1 63.1



#11
Tert butyl alcohol
Concen: 3.677 ug/l
RT: 4.936 min Scan# 511
Delta R.T. -0.012 min
Lab File: VY009942.D
Acq: 10 Aug 2022 01:42

Tgt Ion: 59 Resp: 282
Ion Ratio Lower Upper
59 100
57 0.0 6.3 9.5#





#16

Acetone

Concen: 1.394 ug/l

RT: 3.948 min Scan# 34

Delta R.T. 0.012 min

Lab File: VY009942.D

Acq: 10 Aug 2022 01:42

Instrument :

MSVOA_Y

ClientSampleId :

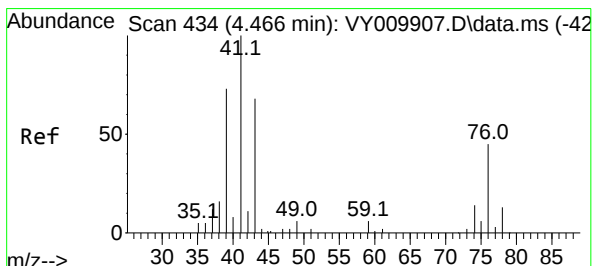
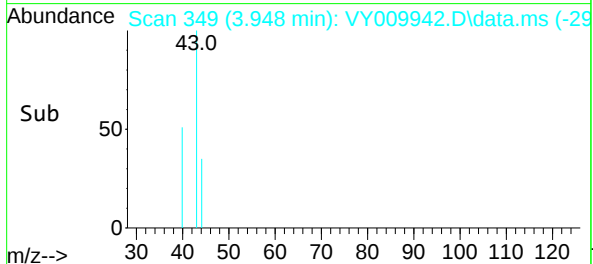
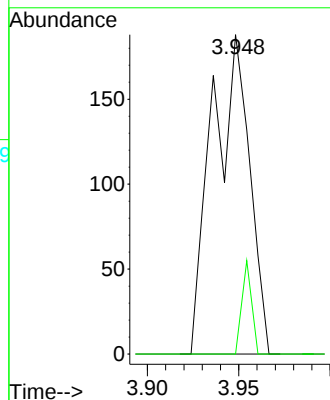
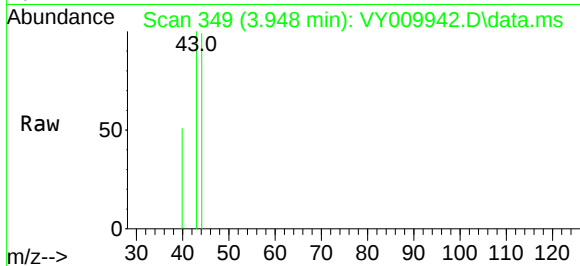
SB12

Tgt Ion: 43 Resp: 266

Ion Ratio Lower Upper

43 100

58 0.0 24.0 36.0#



#18

Methyl Acetate

Concen: Below Cal

RT: 4.454 min Scan# 432

Delta R.T. -0.012 min

Lab File: VY009942.D

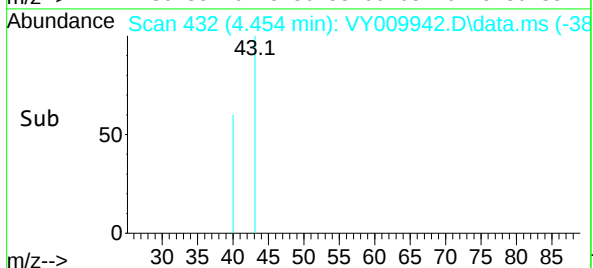
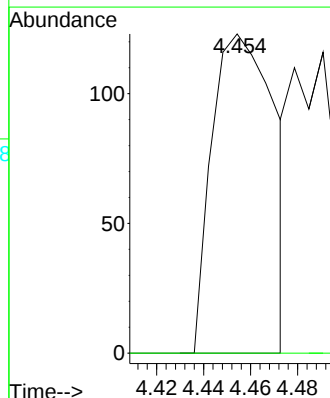
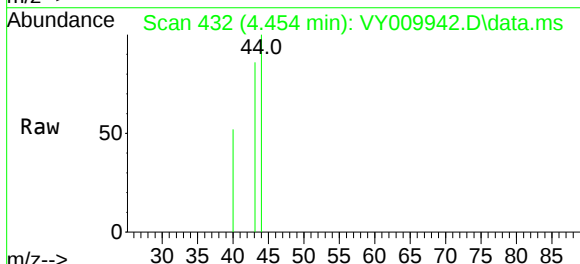
Acq: 10 Aug 2022 01:42

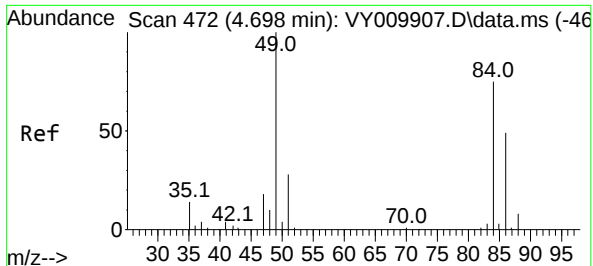
Tgt Ion: 43 Resp: 227

Ion Ratio Lower Upper

43 100

74 0.0 18.8 28.2#

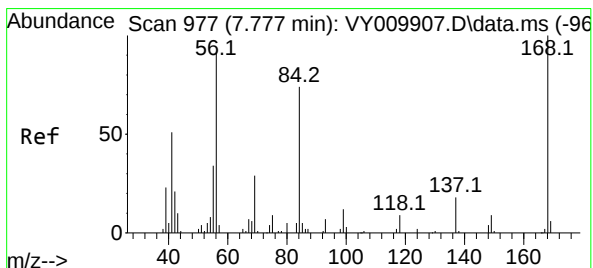
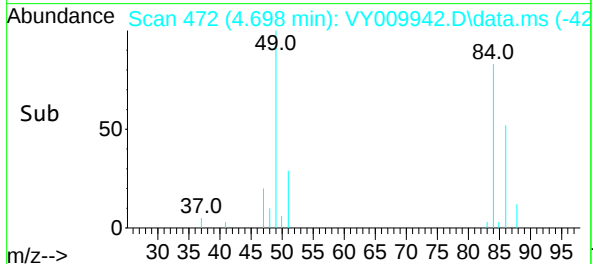
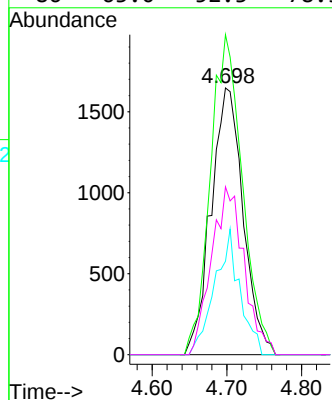
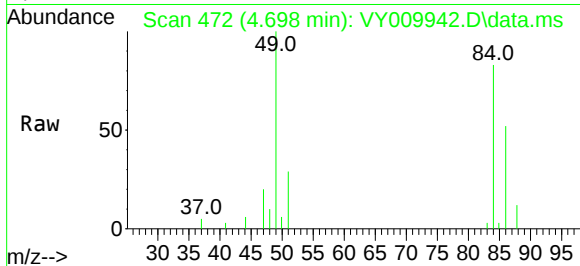




#20
Methylene Chloride
Concen: Below Cal
RT: 4.698 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY009942.D
Acq: 10 Aug 2022 01:42

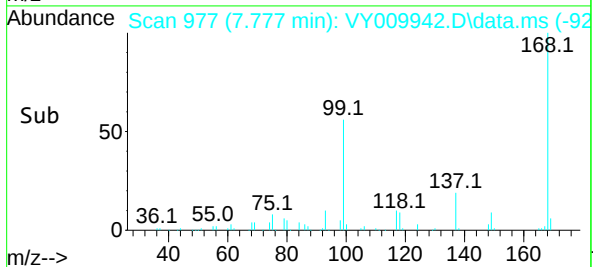
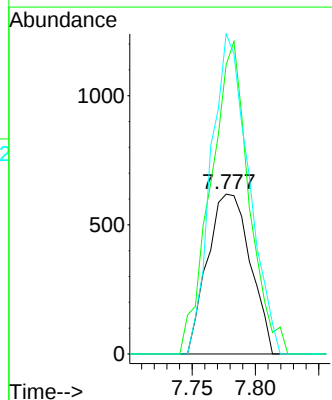
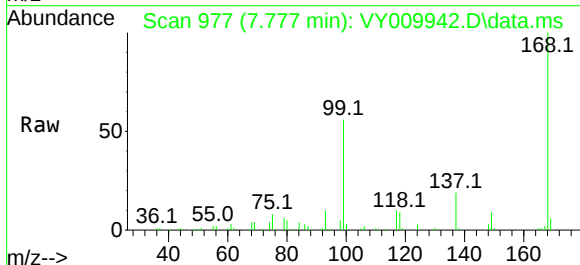
Instrument :
MSVOA_Y
ClientSampleId :
SB12

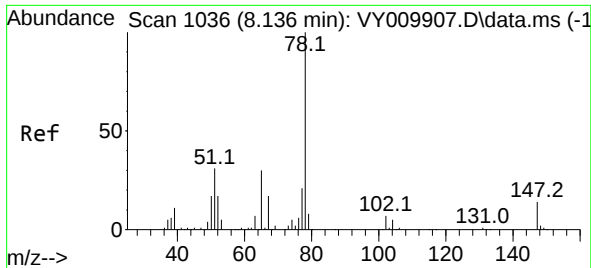
Tgt Ion:	84	Resp:	4915
Ion	Ratio	Lower	Upper
84	100		
49	120.0	98.2	147.4
51	35.0	33.4	50.0
86	63.0	52.3	78.5



#31
Cyclohexane
Concen: 1.108 ug/l
RT: 7.777 min Scan# 977
Delta R.T. 0.001 min
Lab File: VY009942.D
Acq: 10 Aug 2022 01:42

Tgt Ion:	56	Resp:	1455
Ion	Ratio	Lower	Upper
56	100		
69	180.8	26.0	39.0#
84	200.2	69.5	104.3#





#33

1,2-Dichloroethane-d4

Concen: 55.249 ug/l

RT: 8.130 min Scan# 1103

Delta R.T. 0.000 min

Lab File: VY009942.D

Acq: 10 Aug 2022 01:42

Instrument :

MSVOA_Y

ClientSampleId :

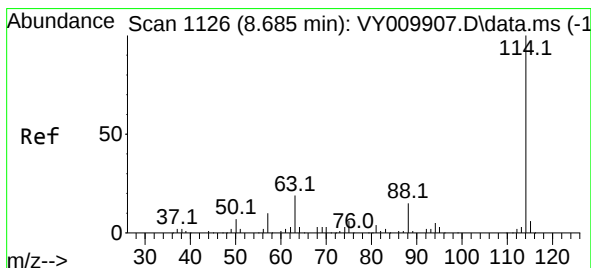
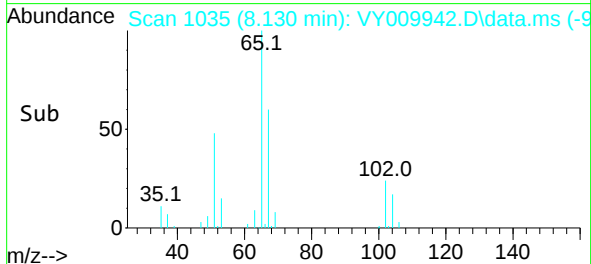
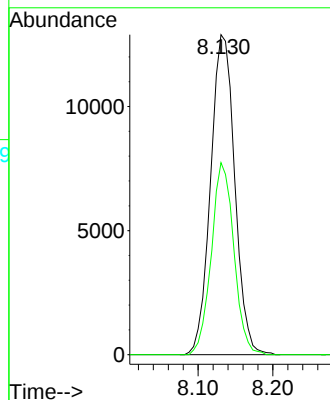
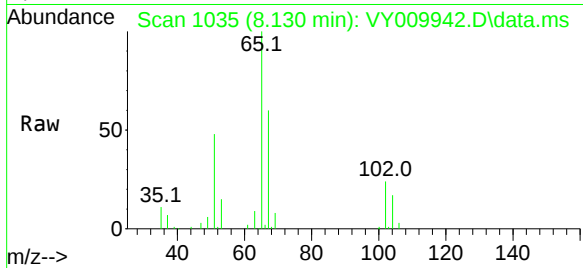
SB12

Tgt Ion: 65 Resp: 28941

Ion Ratio Lower Upper

65 100

67 55.9 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: VY009942.D

Acq: 10 Aug 2022 01:42

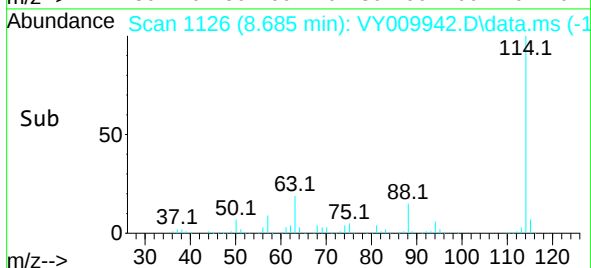
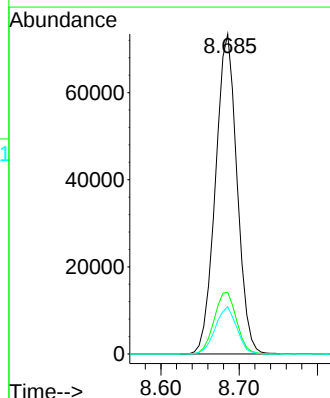
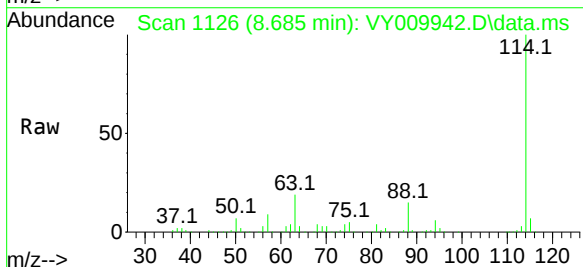
Tgt Ion:114 Resp: 140466

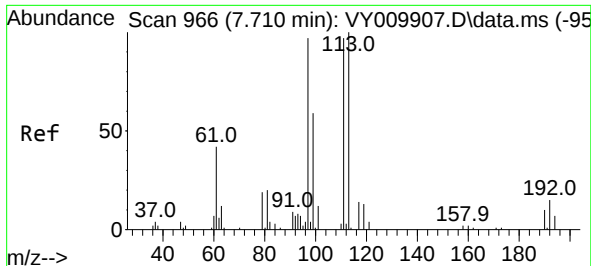
Ion Ratio Lower Upper

114 100

63 19.3 0.0 38.0

88 14.8 0.0 30.0

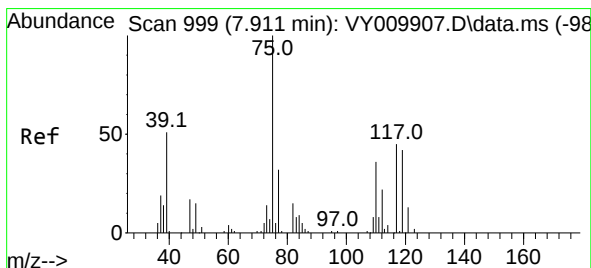
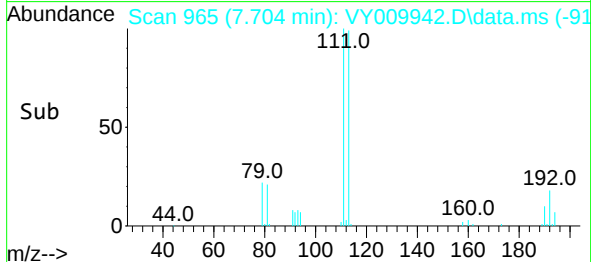
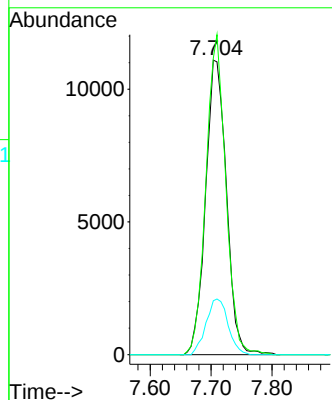
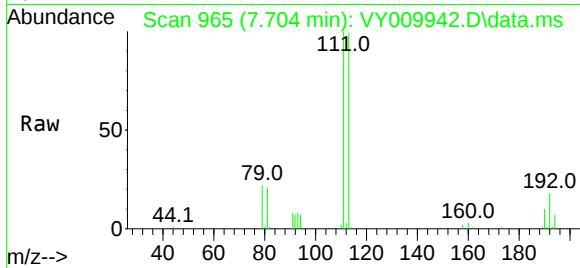




#35
Dibromofluoromethane
Concen: 34.662 ug/l
RT: 7.704 min Scan# 912
Delta R.T. -0.005 min
Lab File: VY009942.D
Acq: 10 Aug 2022 01:42

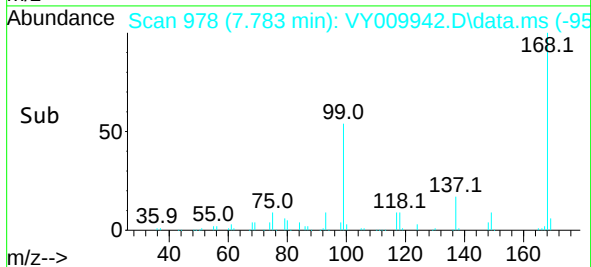
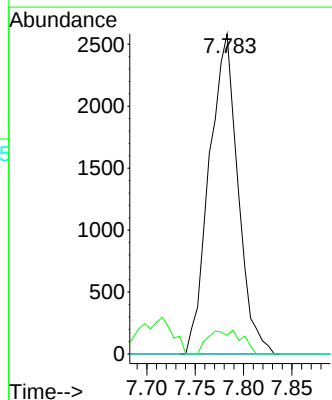
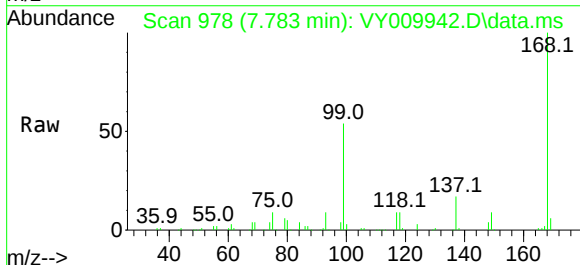
Instrument :
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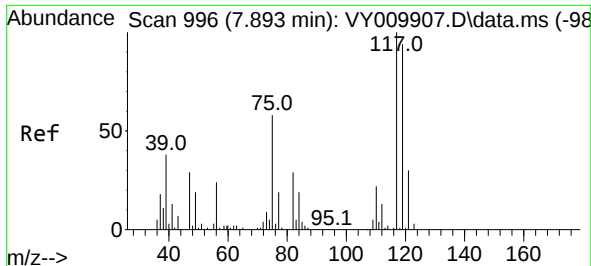
Tgt Ion:113 Resp: 26430
Ion Ratio Lower Upper
113 100
111 103.0 80.6 120.8
192 19.9 16.2 24.4



#36
1,1-Dichloropropene
Concen: 4.143 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY009942.D
Acq: 10 Aug 2022 01:42

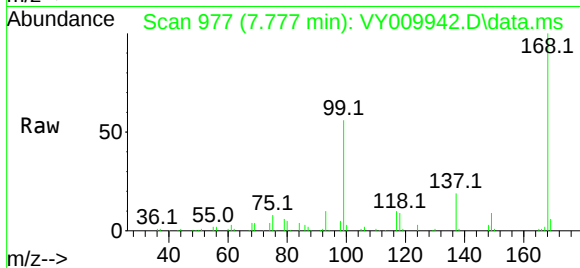
Tgt Ion: 75 Resp: 5331
Ion Ratio Lower Upper
75 100
110 8.7 18.6 56.0#
77 0.0 25.0 37.4#



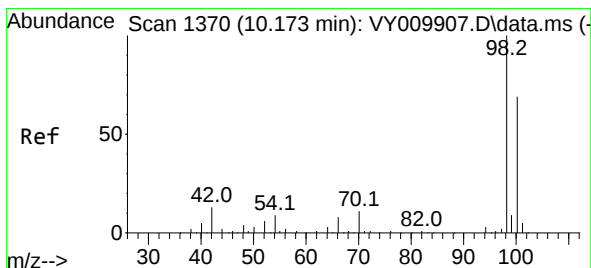
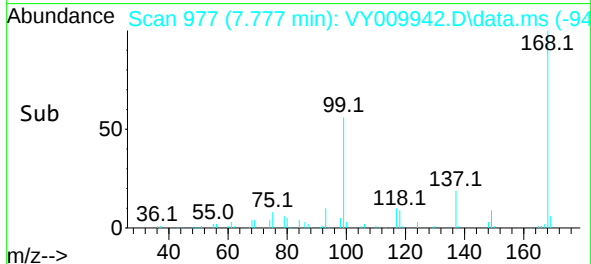
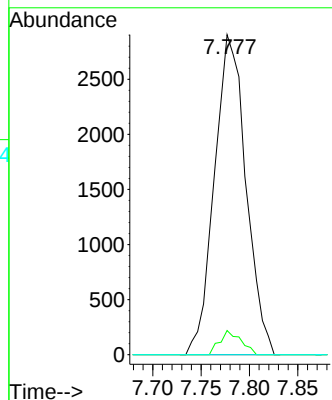


#38
Carbon Tetrachloride
Concen: 5.155 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.115 min
Lab File: VY009942.D
Acq: 10 Aug 2022 01:42

Instrument :
MSVOA_Y
ClientSampleId :
SB12

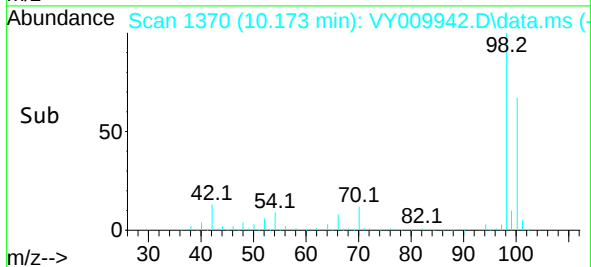
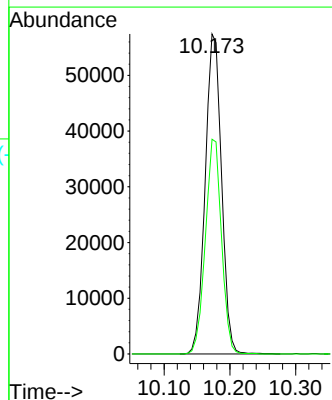
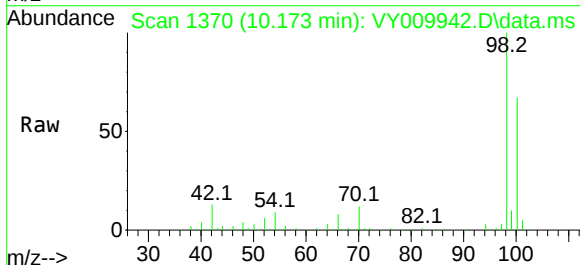


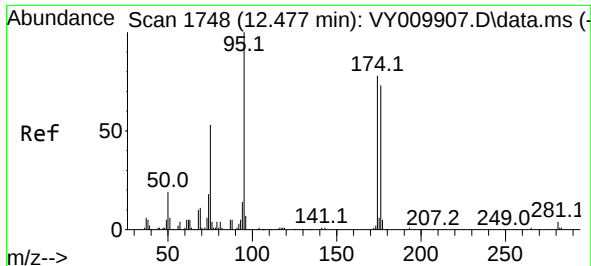
Tgt Ion:117 Resp: 6583
Ion Ratio Lower Upper
117 100
119 7.5 75.9 113.9#
121 0.0 24.9 37.3#



#50
Toluene-d8
Concen: 41.820 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. 0.001 min
Lab File: VY009942.D
Acq: 10 Aug 2022 01:42

Tgt Ion: 98 Resp: 99135
Ion Ratio Lower Upper
98 100
100 66.2 52.9 79.3

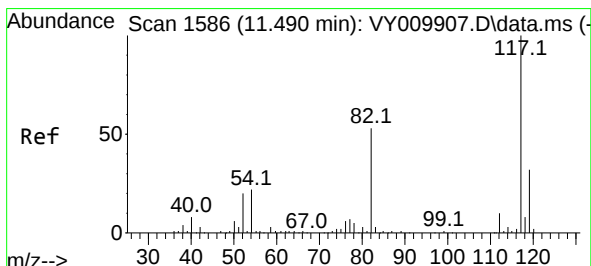
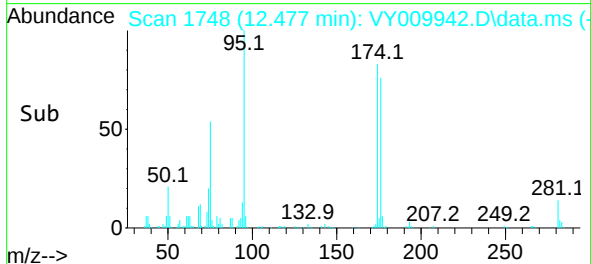
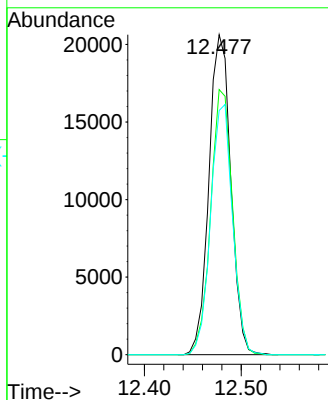
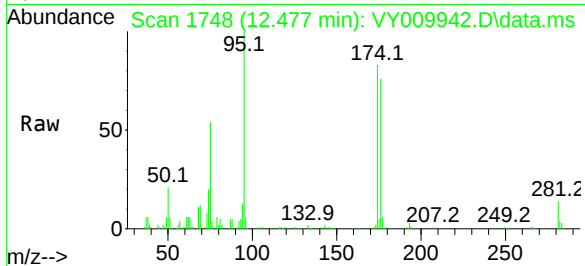




#62
4-Bromofluorobenzene
Concen: 30.465 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009942.D
Acq: 10 Aug 2022 01:42

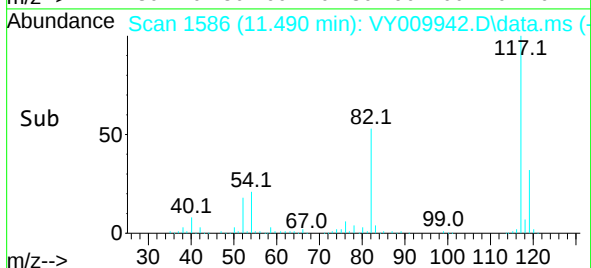
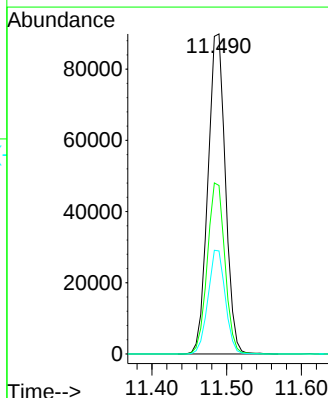
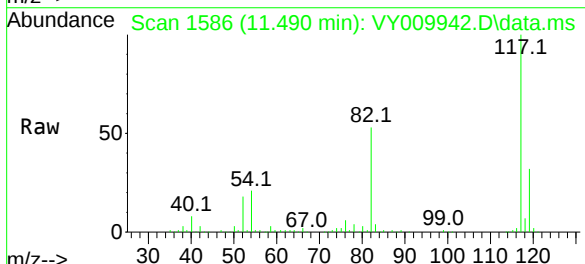
Instrument :
MSVOA_Y
ClientSampleId :
SB12

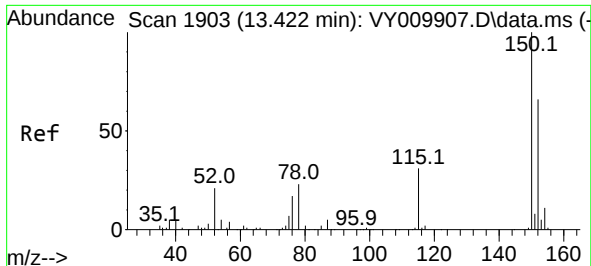
Tgt Ion: 95 Resp: 32436
Ion Ratio Lower Upper
95 100
174 82.7 0.0 173.8
176 78.5 0.0 167.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY009942.D
Acq: 10 Aug 2022 01:42

Tgt Ion: 117 Resp: 146057
Ion Ratio Lower Upper
117 100
82 52.7 41.8 62.6
119 32.2 25.6 38.4

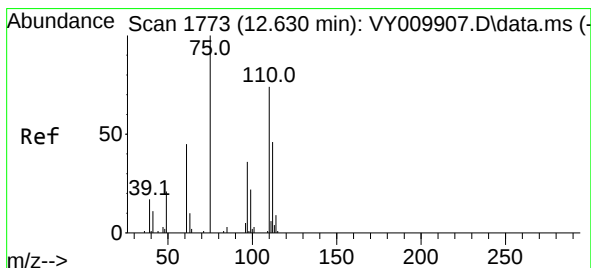
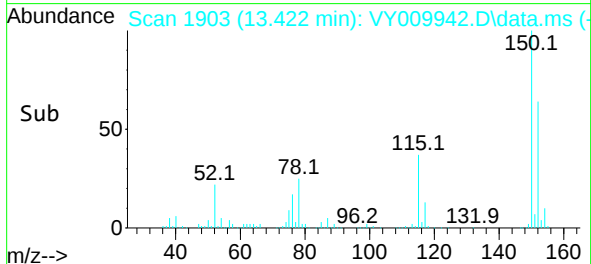
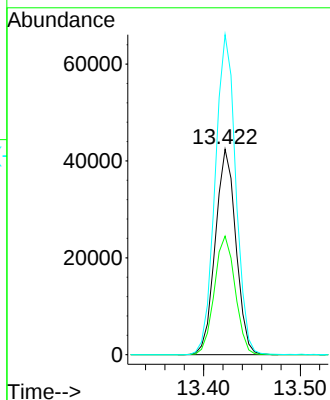
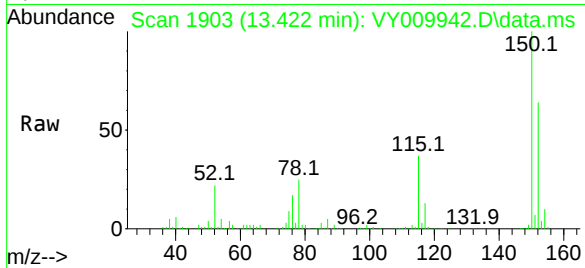




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY009942.D
 Acq: 10 Aug 2022 01:42

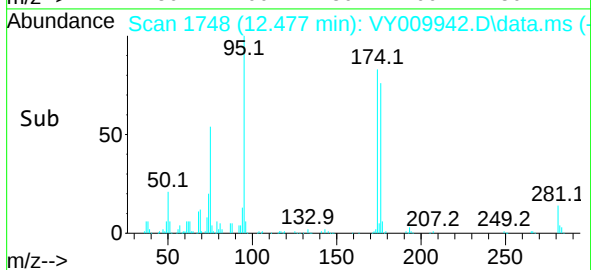
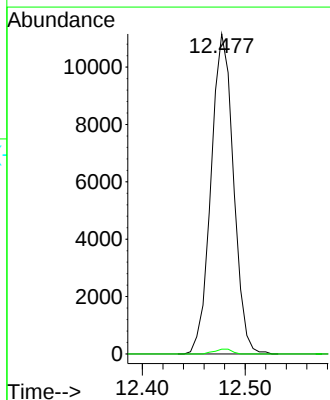
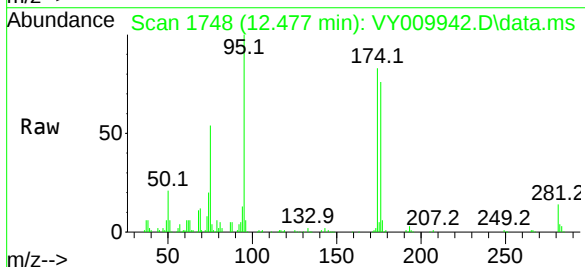
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB12

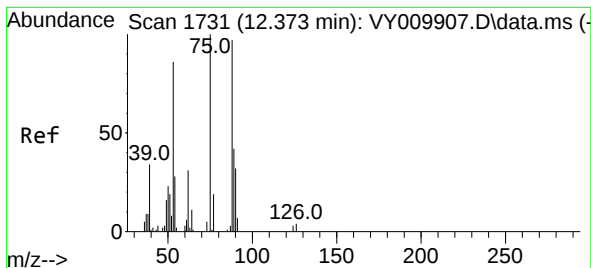
Tgt Ion:152 Resp: 62679
 Ion Ratio Lower Upper
 152 100
 115 58.3 28.6 85.9
 150 156.0 0.0 349.8



#76
 1,2,3-Trichloropropane
 Concen: 24.670 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.152 min
 Lab File: VY009942.D
 Acq: 10 Aug 2022 01:42

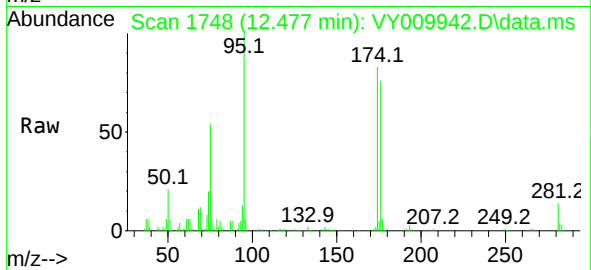
Tgt Ion: 75 Resp: 16918
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 49.877 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY009942.D
 Acq: 10 Aug 2022 01:42

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB12



Tgt Ion: 75 Resp: 16918
 Ion Ratio Lower Upper
 75 100
 53 0.0 71.4 107.2#
 89 0.0 38.1 57.1#

