

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080922\
 Data File : VY009929.D
 Acq On : 09 Aug 2022 18:59
 Operator : KP/MD
 Sample : N4105-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EO-01-080822

Quant Time: Aug 09 23:09:23 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)

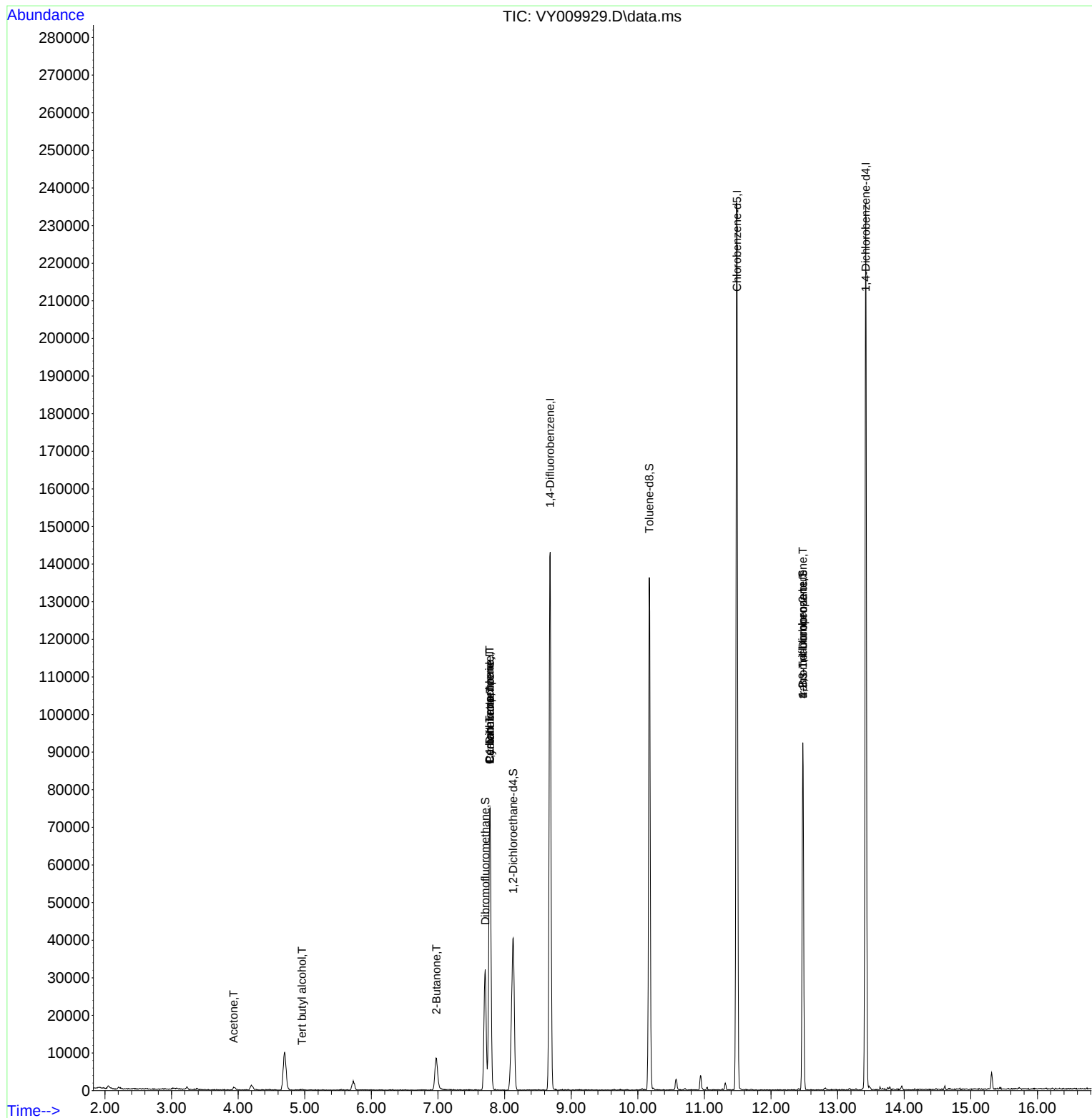
Internal Standards						
1) Pentafluorobenzene	7.783	168	58300	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	121175	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	126744	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	55561	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	24220	53.465	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	106.940%
35) Dibromofluoromethane	7.710	113	22613	34.377	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	68.760%
50) Toluene-d8	10.173	98	86192	42.209	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	84.420%
62) 4-Bromofluorobenzene	12.477	95	26690	29.059	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	58.120%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.960	59	265	4.009	ug/l #	78
16) Acetone	3.930	43	1264	7.686	ug/l	92
18) Methyl Acetate	4.473	43	197	Below Cal	#	52
25) 2-Butanone	6.978	43	595	2.197	ug/l #	48
31) Cyclohexane	7.783	56	1420	1.255	ug/l #	12
36) 1,1-Dichloropropene	7.777	75	4739	4.270	ug/l #	48
38) Carbon Tetrachloride	7.777	117	5806	5.270	ug/l #	17
76) 1,2,3-Trichloropropane	12.477	75	14336	23.583	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	14336	47.680	ug/l #	13

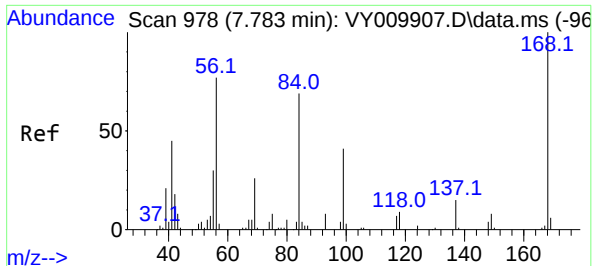
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080922\
Data File : VY080929.D
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Sample : N4105-01
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
EO-01-080822

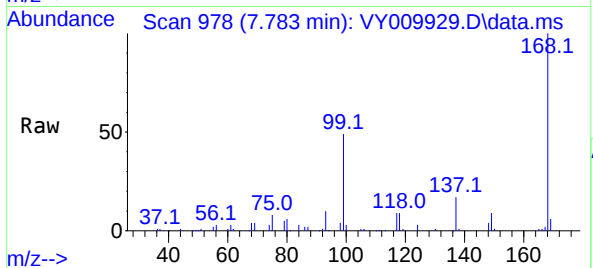
Quant Time: Aug 09 23:09:23 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080822S.M
Quant Title : SW846 8260
QLast Update : Mon Aug 08 17:55:50 2022
Response via : Initial Calibration



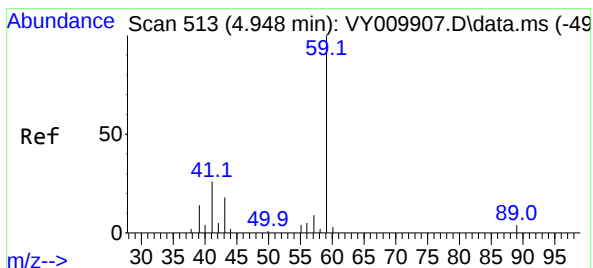
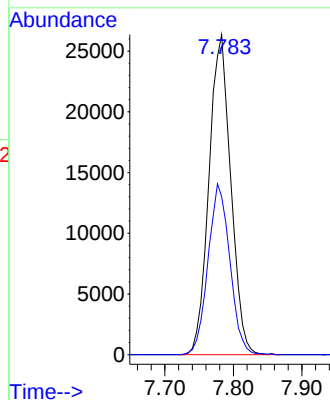
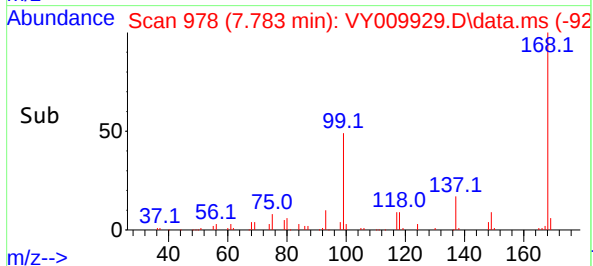


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.001 min
Lab File: VY009929.D
Acq: 09 Aug 2022 18:59

Instrument :
MSVOA_Y
ClientSampleId :
EO-01-080822

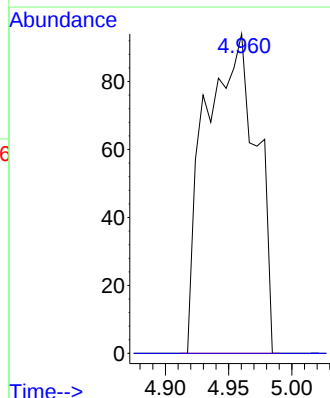
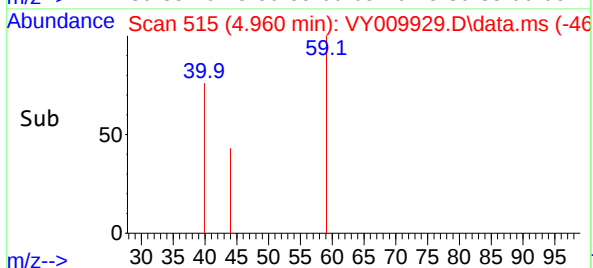
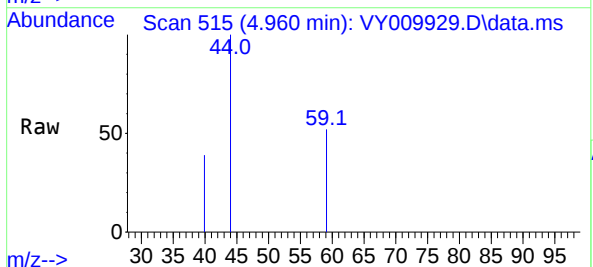


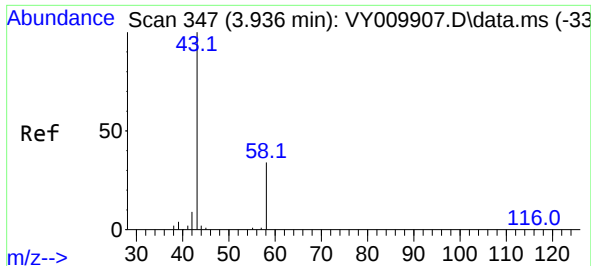
Tgt Ion:168 Resp: 58300
Ion Ratio Lower Upper
168 100
99 49.4 42.1 63.1



#11
Tert butyl alcohol
Concen: 4.009 ug/l
RT: 4.960 min Scan# 515
Delta R.T. 0.012 min
Lab File: VY009929.D
Acq: 09 Aug 2022 18:59

Tgt Ion: 59 Resp: 265
Ion Ratio Lower Upper
59 100
57 0.0 6.3 9.5#





#16

Acetone

Concen: 7.686 ug/l

RT: 3.930 min Scan# 34

Delta R.T. -0.006 min

Lab File: VY009929.D

Acq: 09 Aug 2022 18:59

Instrument :

MSVOA_Y

ClientSampleId :

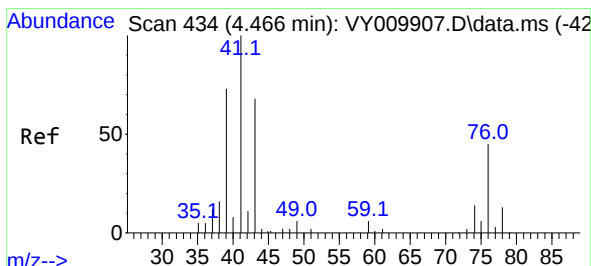
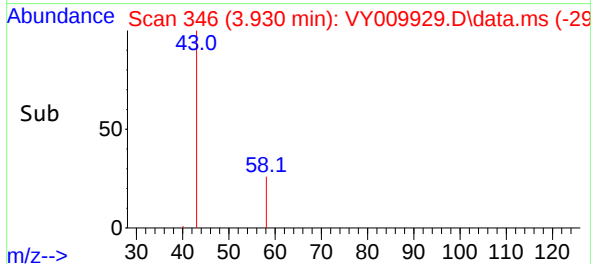
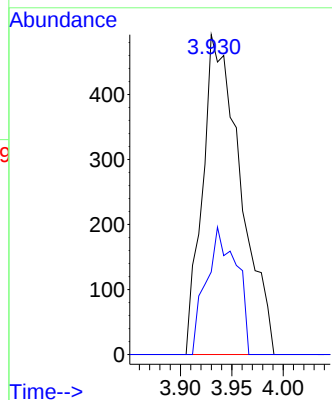
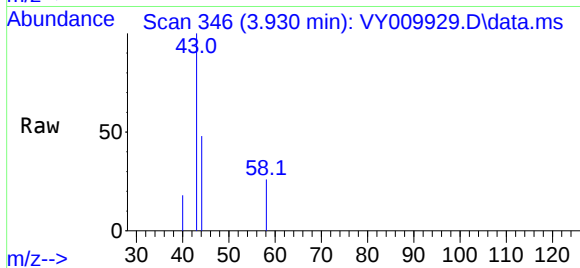
EO-01-080822

Tgt Ion: 43 Resp: 1264

Ion Ratio Lower Upper

43 100

58 25.8 24.0 36.0



#18

Methyl Acetate

Concen: Below Cal

RT: 4.473 min Scan# 435

Delta R.T. 0.007 min

Lab File: VY009929.D

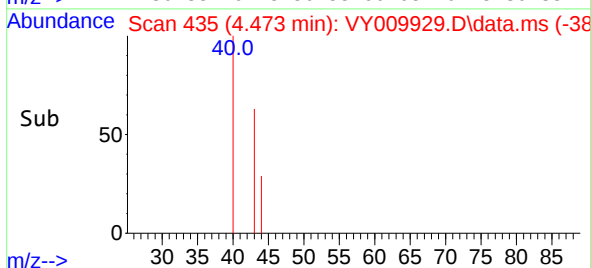
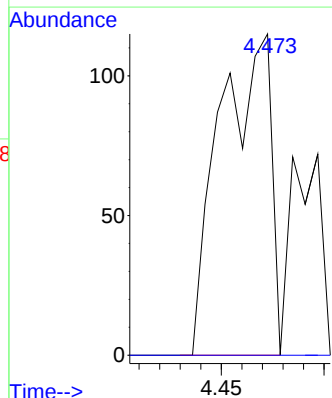
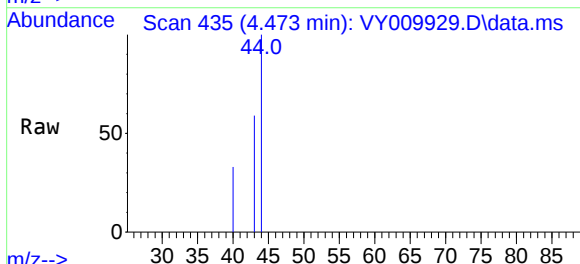
Acq: 09 Aug 2022 18:59

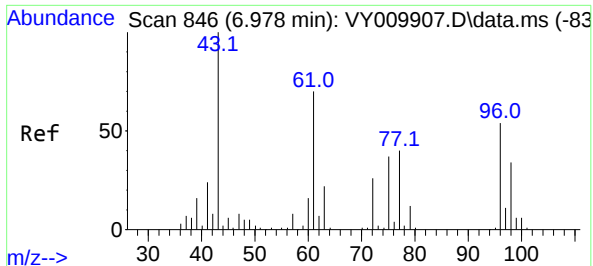
Tgt Ion: 43 Resp: 197

Ion Ratio Lower Upper

43 100

74 0.0 18.8 28.2#





#25

2-Butanone

Concen: 2.197 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY009929.D

Acq: 09 Aug 2022 18:59

Instrument :

MSVOA_Y

ClientSampleId :

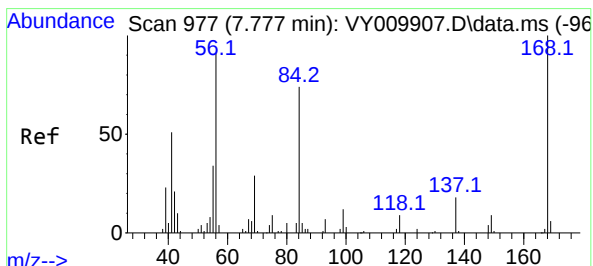
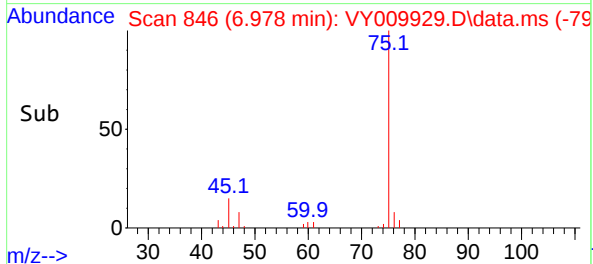
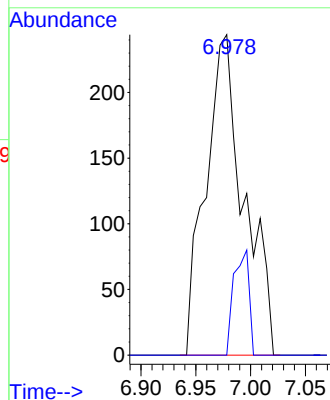
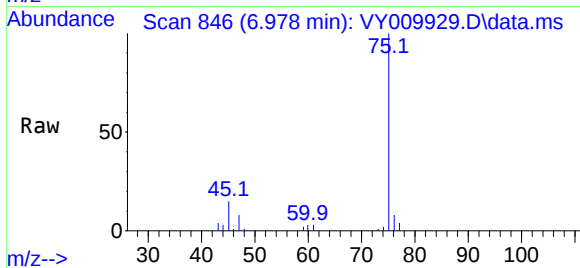
EO-01-080822

Tgt Ion: 43 Resp: 595

Ion Ratio Lower Upper

43 100

72 0.0 21.5 32.3#



#31

Cyclohexane

Concen: 1.255 ug/l

RT: 7.783 min Scan# 978

Delta R.T. 0.007 min

Lab File: VY009929.D

Acq: 09 Aug 2022 18:59

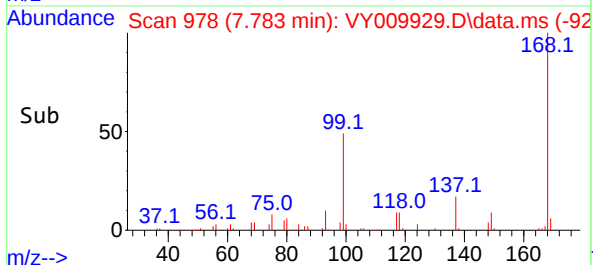
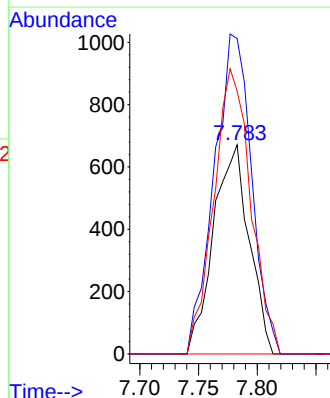
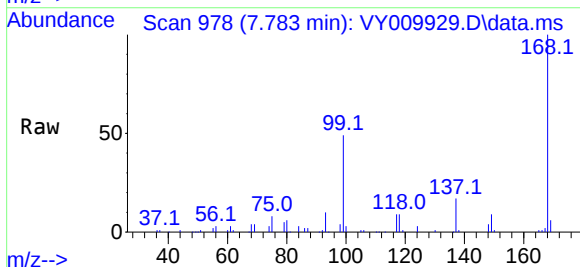
Tgt Ion: 56 Resp: 1420

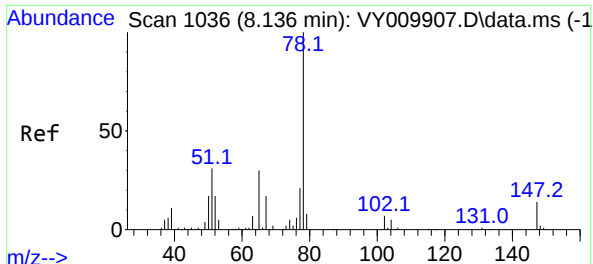
Ion Ratio Lower Upper

56 100

69 150.8 26.0 39.0#

84 125.6 69.5 104.3#





#33

1,2-Dichloroethane-d4

Concen: 53.465 ug/l

RT: 8.130 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY009929.D

Acq: 09 Aug 2022 18:59

Instrument :

MSVOA_Y

ClientSampleId :

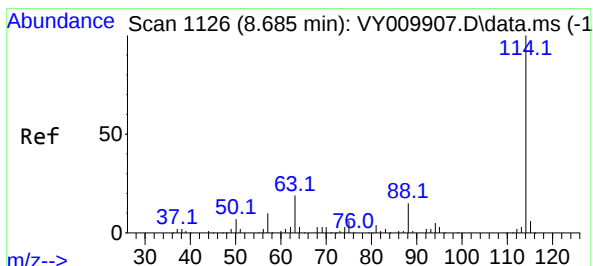
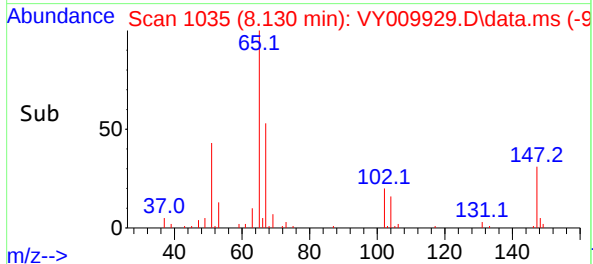
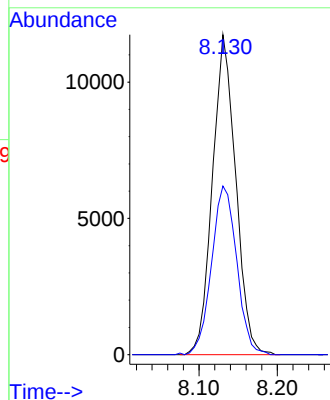
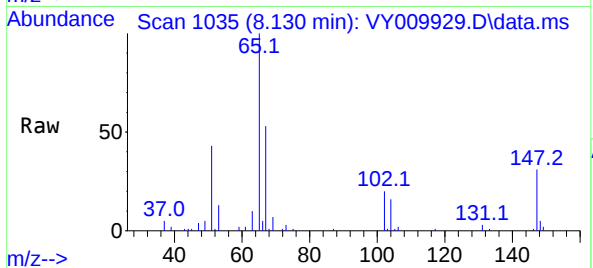
EO-01-080822

Tgt Ion: 65 Resp: 24220

Ion Ratio Lower Upper

65 100

67 57.1 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: VY009929.D

Acq: 09 Aug 2022 18:59

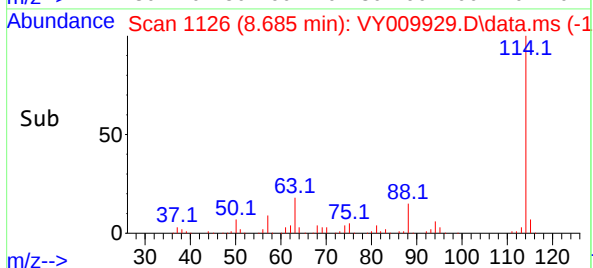
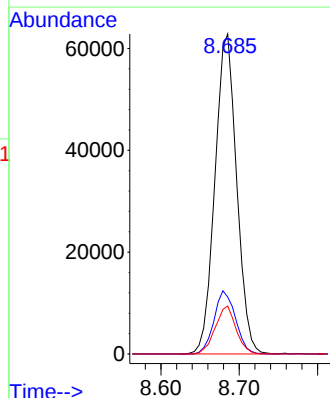
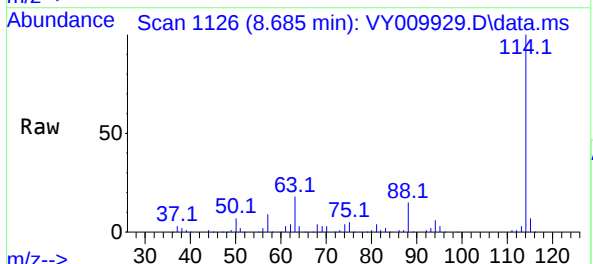
Tgt Ion: 114 Resp: 121175

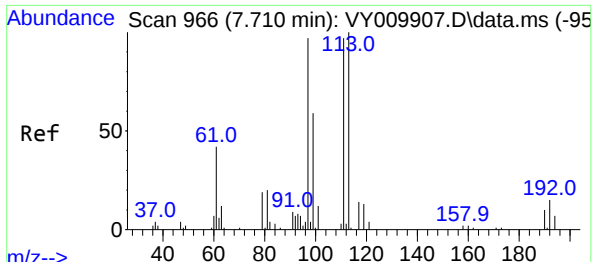
Ion Ratio Lower Upper

114 100

63 17.8 0.0 38.0

88 15.0 0.0 30.0

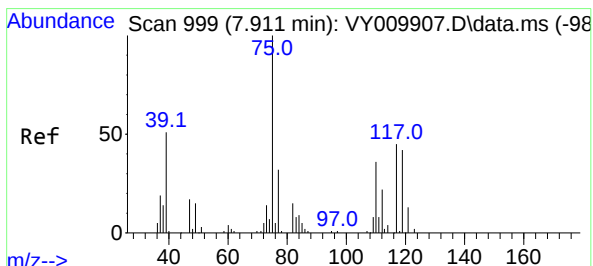
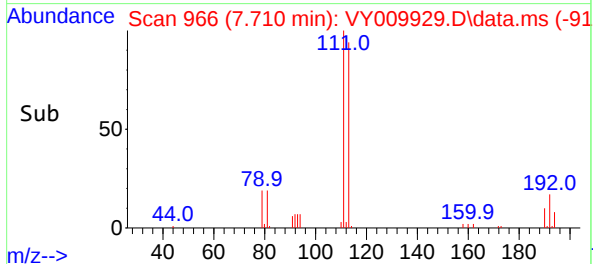
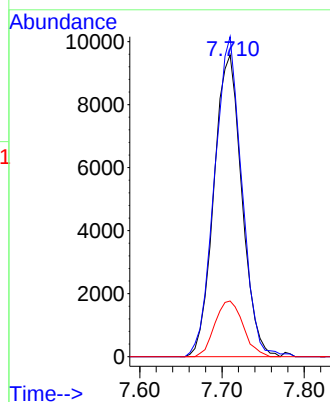
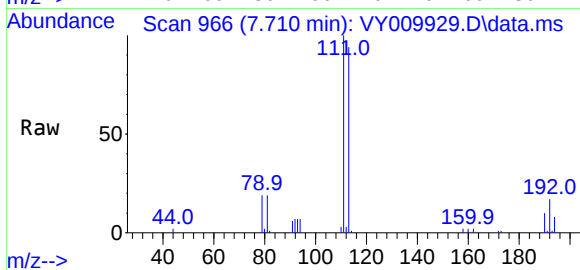




#35
Dibromofluoromethane
Concen: 34.377 ug/l
RT: 7.710 min Scan# 911
Delta R.T. 0.001 min
Lab File: VY009929.D
Acq: 09 Aug 2022 18:59

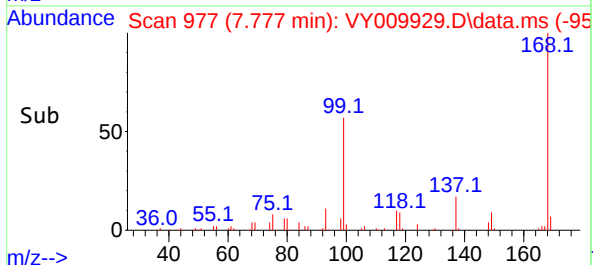
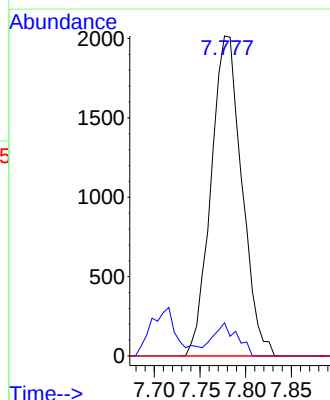
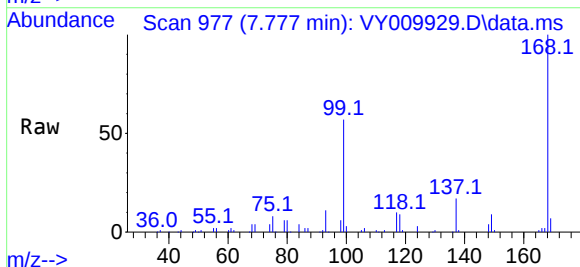
Instrument :
MSVOA_Y
ClientSampleId :
EO-01-080822

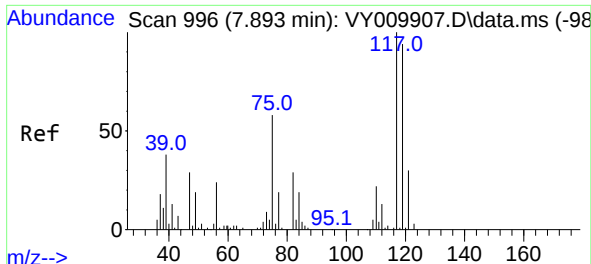
Tgt Ion:	113	Resp:	22613
Ion	Ratio	Lower	Upper
113	100		
111	103.9	80.6	120.8
192	18.7	16.2	24.4



#36
1,1-Dichloropropene
Concen: 4.270 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.134 min
Lab File: VY009929.D
Acq: 09 Aug 2022 18:59

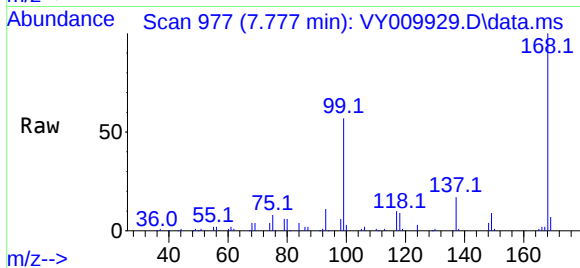
Tgt Ion:	75	Resp:	4739
Ion	Ratio	Lower	Upper
75	100		
110	8.0	18.6	56.0#
77	0.0	25.0	37.4#



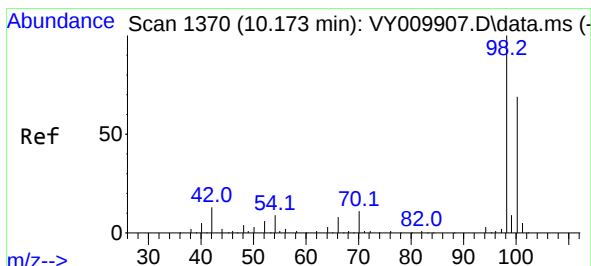
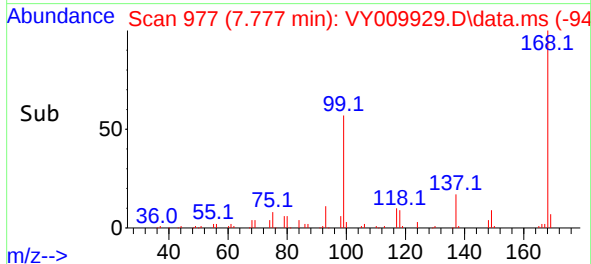
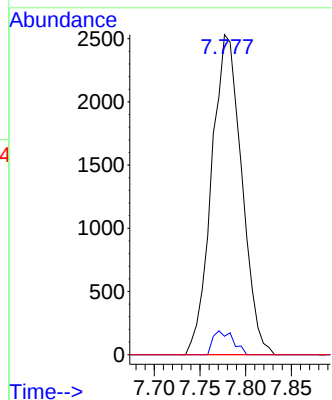


#38
Carbon Tetrachloride
Concen: 5.270 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.115 min
Lab File: VY009929.D
Acq: 09 Aug 2022 18:59

Instrument :
MSVOA_Y
ClientSampleId :
EO-01-080822

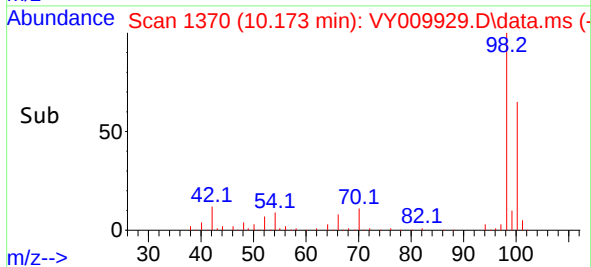
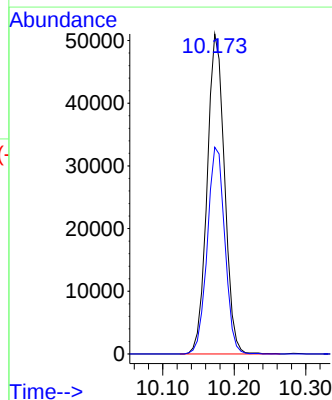
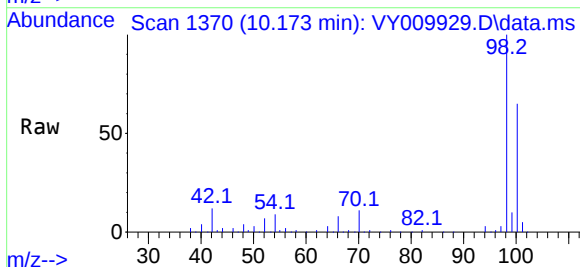


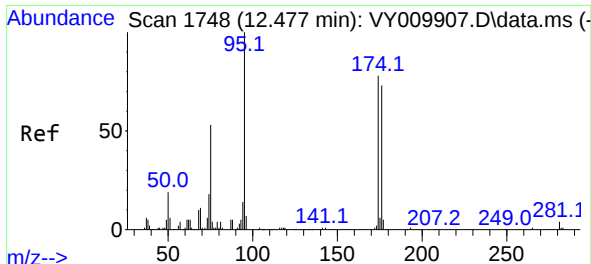
Tgt Ion:117 Resp: 5806
Ion Ratio Lower Upper
117 100
119 5.7 75.9 113.9#
121 0.0 24.9 37.3#



#50
Toluene-d8
Concen: 42.209 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. 0.001 min
Lab File: VY009929.D
Acq: 09 Aug 2022 18:59

Tgt Ion: 98 Resp: 86192
Ion Ratio Lower Upper
98 100
100 65.2 52.9 79.3

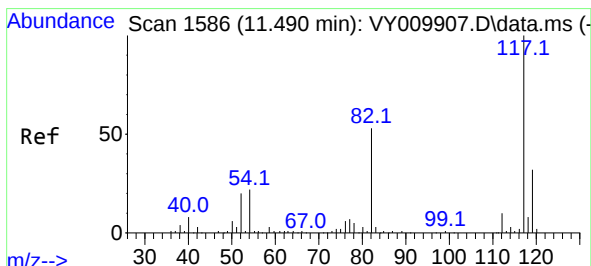
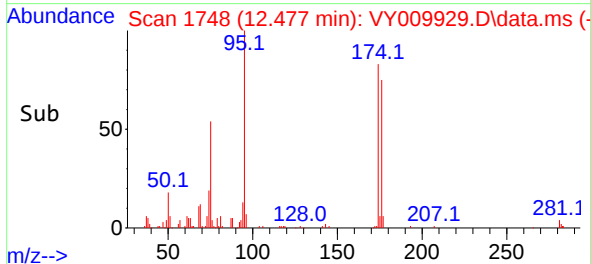
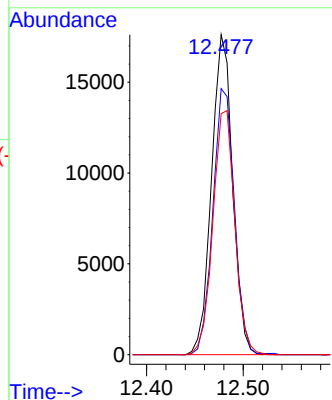
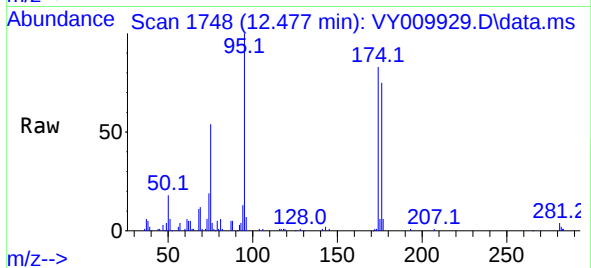




#62
4-Bromofluorobenzene
Concen: 29.059 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009929.D
Acq: 09 Aug 2022 18:59

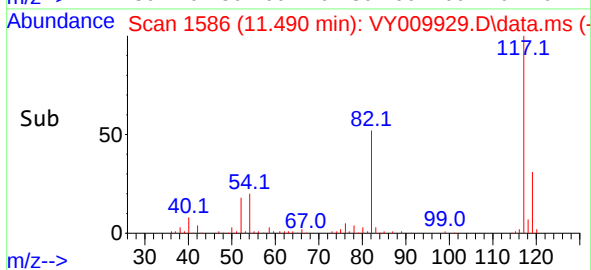
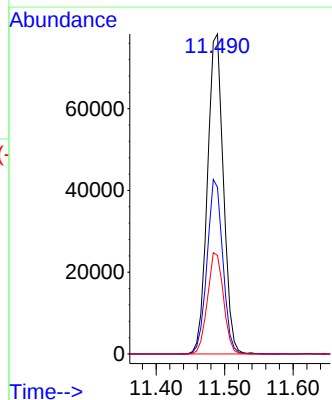
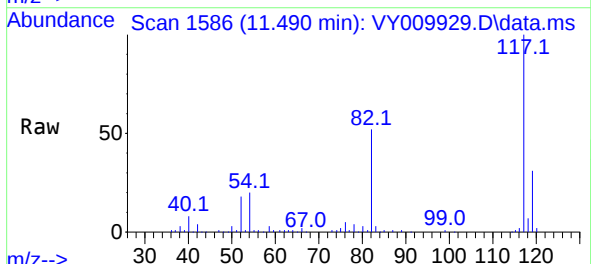
Instrument :
MSVOA_Y
ClientSampleId :
EO-01-080822

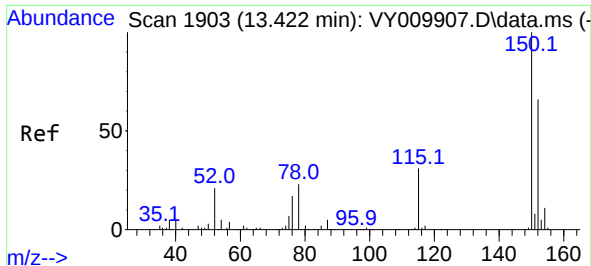
Tgt Ion: 95 Resp: 26690
Ion Ratio Lower Upper
95 100
174 84.8 0.0 173.8
176 79.2 0.0 167.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY009929.D
Acq: 09 Aug 2022 18:59

Tgt Ion: 117 Resp: 126744
Ion Ratio Lower Upper
117 100
82 52.1 41.8 62.6
119 30.8 25.6 38.4

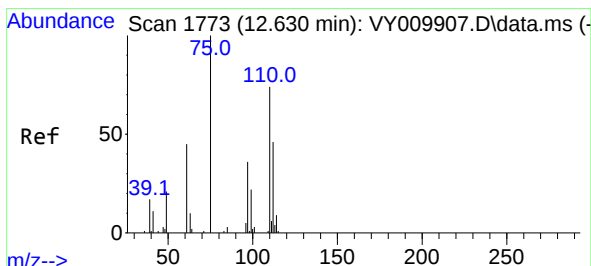
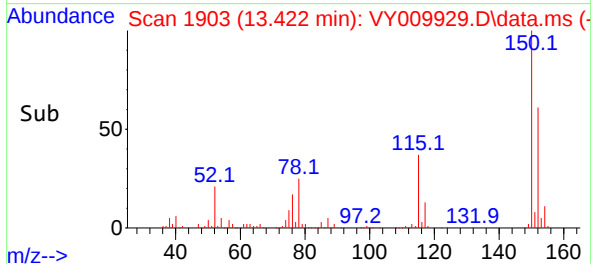
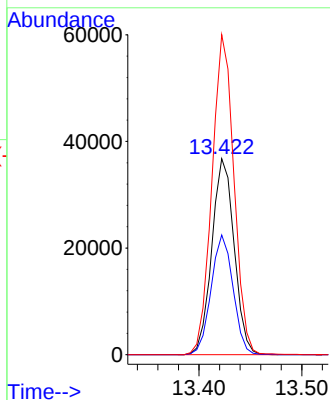
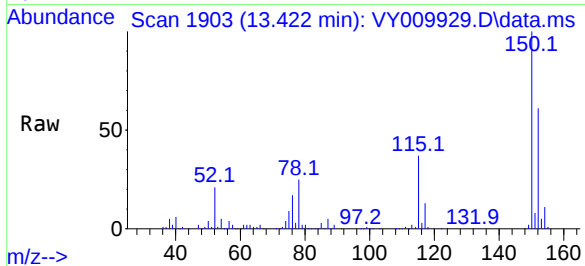




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY009929.D
 Acq: 09 Aug 2022 18:59

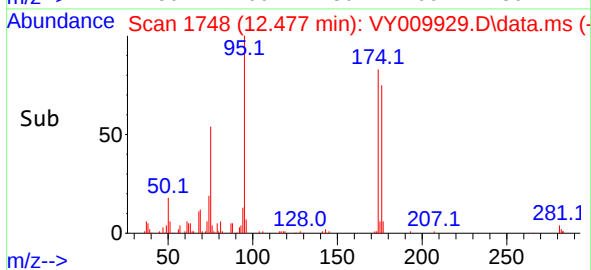
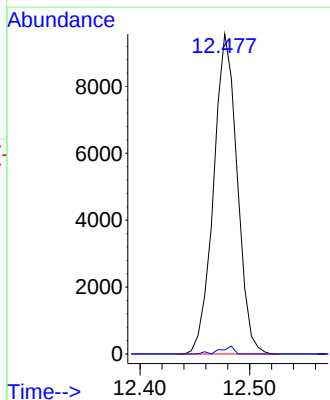
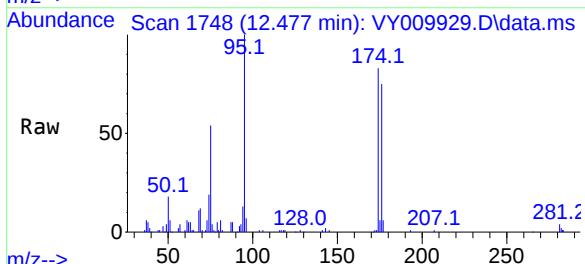
Instrument :
 MSVOA_Y
 ClientSampleId :
 EO-01-080822

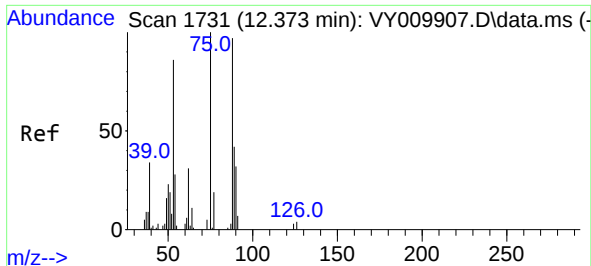
Tgt Ion:152 Resp: 55561
 Ion Ratio Lower Upper
 152 100
 115 60.0 28.6 85.9
 150 160.7 0.0 349.8



#76
 1,2,3-Trichloropropane
 Concen: 23.583 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.152 min
 Lab File: VY009929.D
 Acq: 09 Aug 2022 18:59

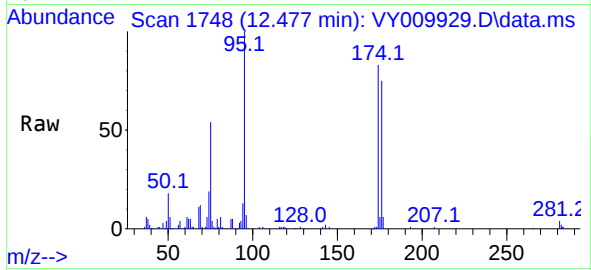
Tgt Ion: 75 Resp: 14336
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 47.680 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY009929.D
 Acq: 09 Aug 2022 18:59

Instrument :
 MSVOA_Y
 ClientSampleId :
 EO-01-080822



Tgt Ion:	75	Resp:	14336
Ion	Ratio	Lower	Upper
75	100		
53	0.0	71.4	107.2#
89	0.0	38.1	57.1#

