

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061323\
 Data File : VY014146.D
 Acq On : 13 Jun 2023 17:50
 Operator : KP/MD
 Sample : 03136-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ELI-SUB-LD-CON

Quant Time: Jun 14 01:38:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060923S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 09 18:07:13 2023
 Response via : Initial Calibration

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

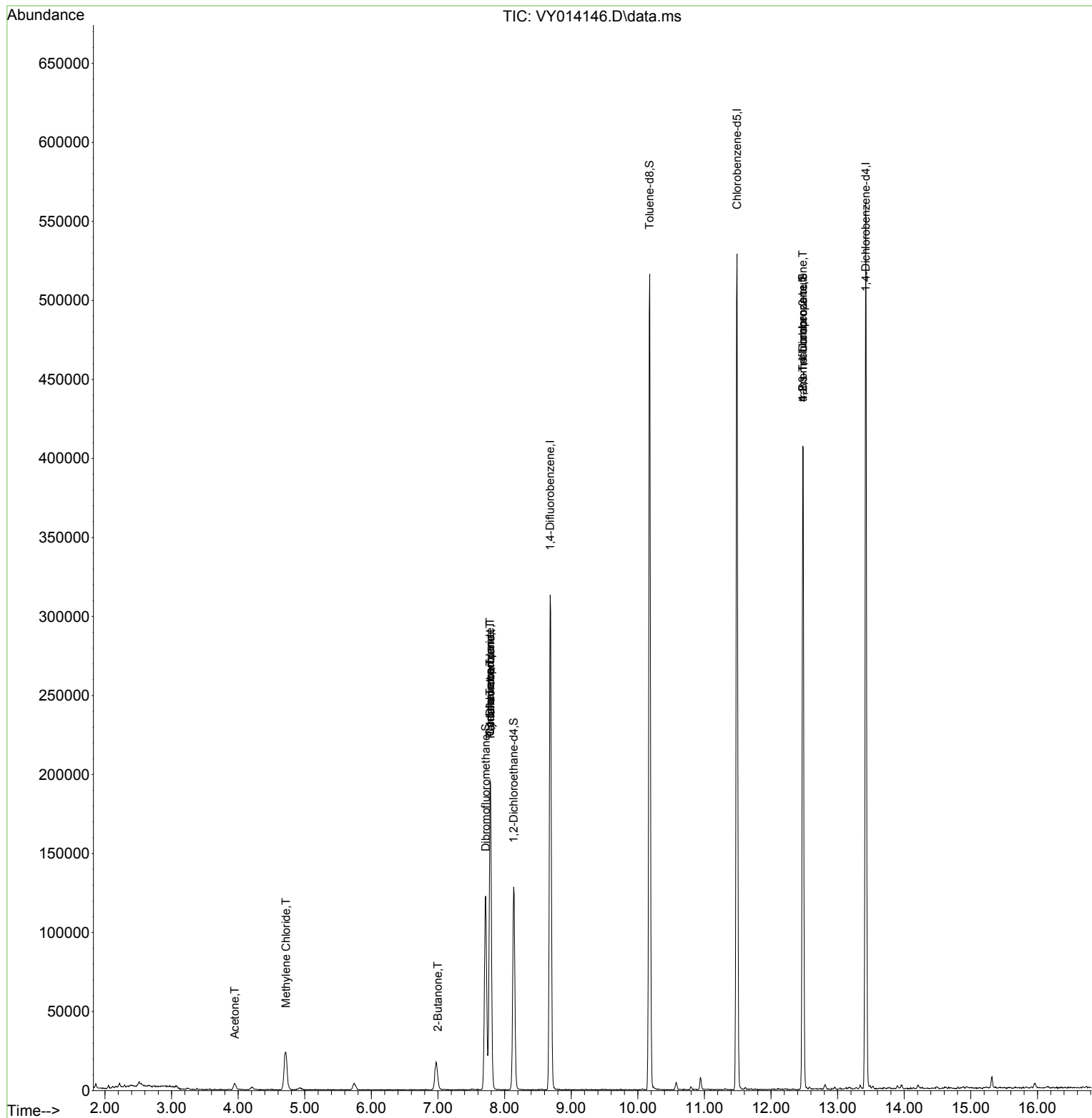
Internal Standards						
1) Pentafluorobenzene	7.789	168	154518	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	266727	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	281312	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	137377	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	107185	49.814	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.620%
35) Dibromofluoromethane	7.716	113	82982	43.869	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	87.740%
50) Toluene-d8	10.179	98	335363	47.423	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.840%
62) 4-Bromofluorobenzene	12.477	95	118631	47.224	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	94.440%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.942	59	713	Below Cal	#	89
13) Acrolein	3.729	56	20	Below Cal	#	14
16) Acetone	3.948	43	7177	11.066	ug/l	90
20) Methylene Chloride	4.716	84	18670	5.851	ug/l	96
25) 2-Butanone	6.996	43	1811	2.268	ug/l #	83
31) Cyclohexane	7.783	56	3961	1.374	ug/l #	40
36) 1,1-Dichloropropene	7.783	75	11644	3.948	ug/l #	50
38) Carbon Tetrachloride	7.783	117	14992	4.405	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	63899	35.453	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	63899	76.636	ug/l #	11

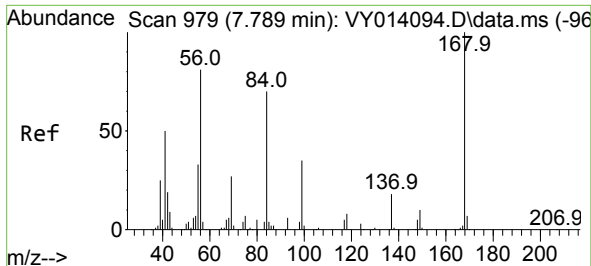
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 14 01:38:18 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060923S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 09 18:07:13 2023
Response via : Initial Calibration

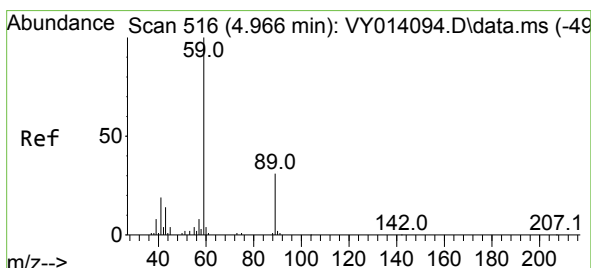
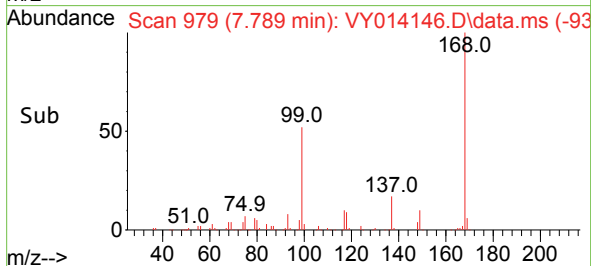
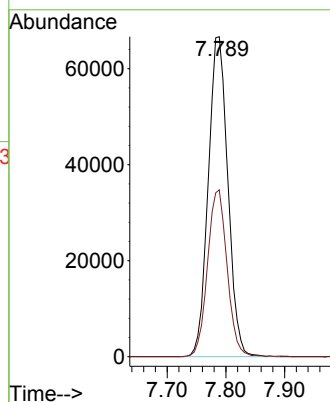
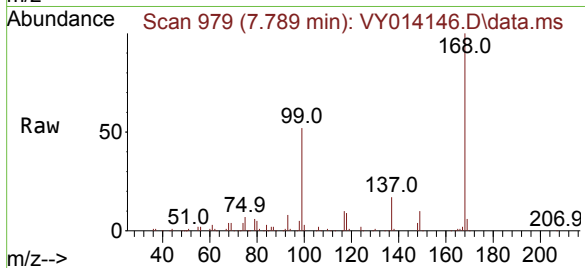




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014146.D
Acq: 13 Jun 2023 17:50

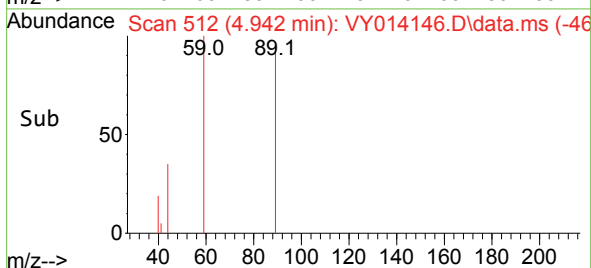
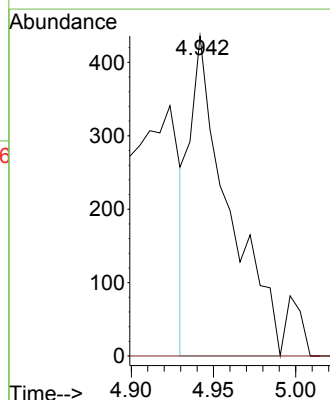
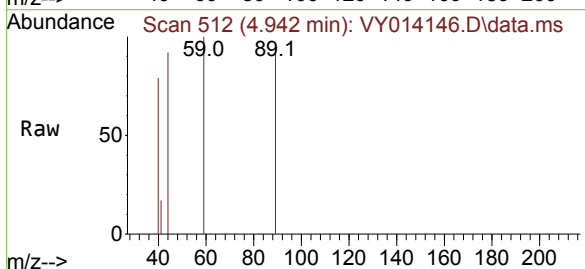
Instrument :
MSVOA_Y
ClientSampleId :
ELI-SUB-LD-CON

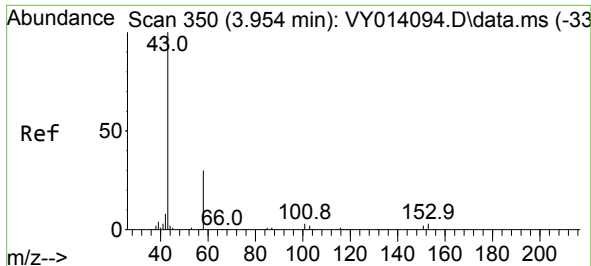
Tgt Ion:168 Resp: 154518
Ion Ratio Lower Upper
168 100
99 52.2 43.4 65.0



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.942 min Scan# 512
Delta R.T. -0.024 min
Lab File: VY014146.D
Acq: 13 Jun 2023 17:50

Tgt Ion: 59 Resp: 713
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#

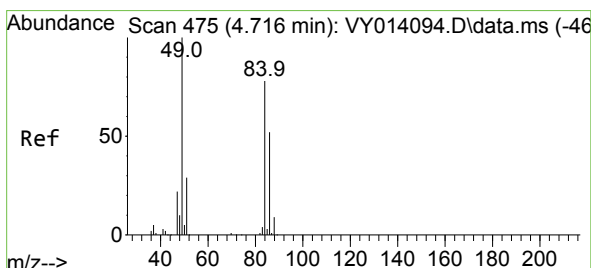
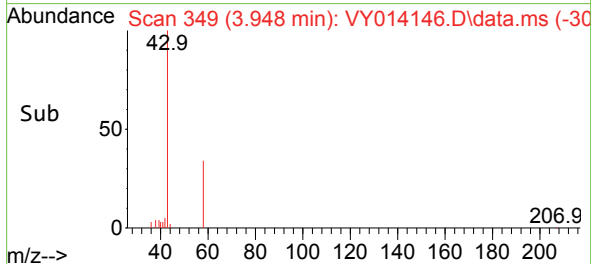
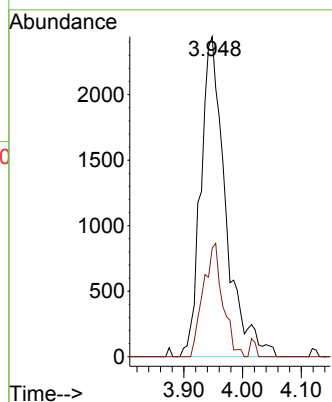
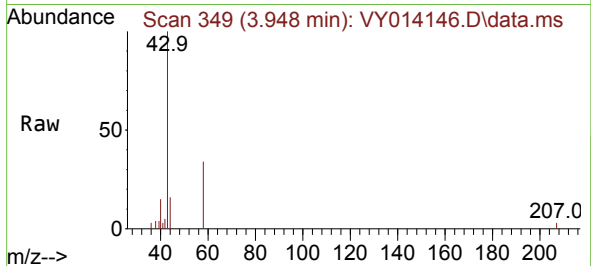




#16
Acetone
Concen: 11.066 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.006 min
Lab File: VY014146.D
Acq: 13 Jun 2023 17:50

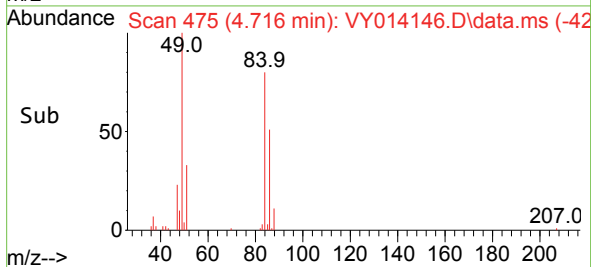
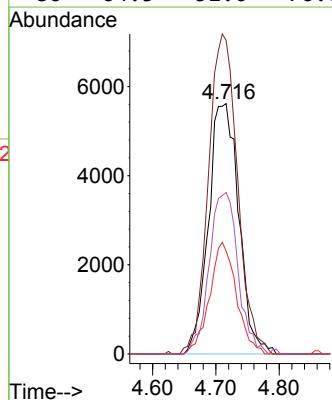
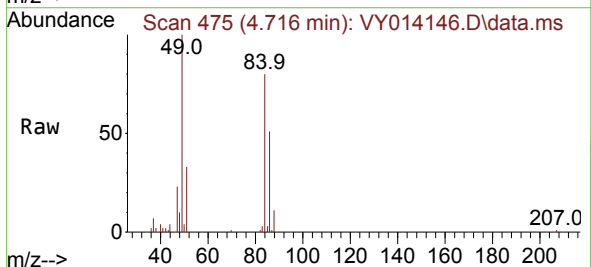
Instrument :
MSVOA_Y
ClientSampleId :
ELI-SUB-LD-CON

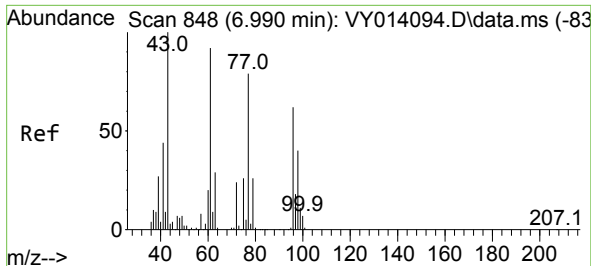
Tgt Ion: 43 Resp: 7177
Ion Ratio Lower Upper
43 100
58 33.9 22.7 34.1



#20
Methylene Chloride
Concen: 5.851 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY014146.D
Acq: 13 Jun 2023 17:50

Tgt Ion: 84 Resp: 18670
Ion Ratio Lower Upper
84 100
49 125.3 106.9 160.3
51 41.1 33.2 49.8
86 64.5 51.0 76.6

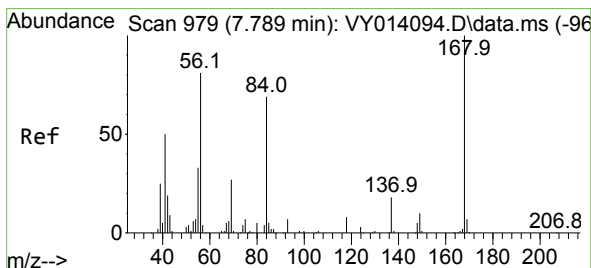
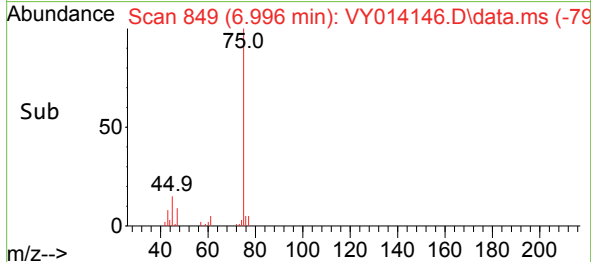
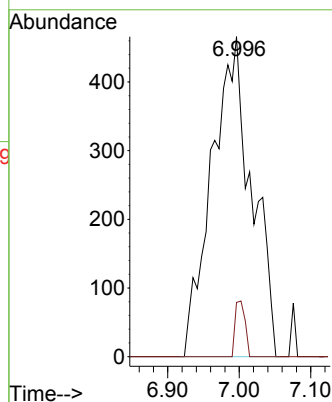
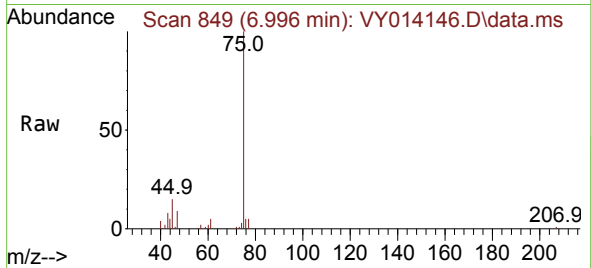




#25
2-Butanone
Concen: 2.268 ug/l
RT: 6.996 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY014146.D
Acq: 13 Jun 2023 17:50

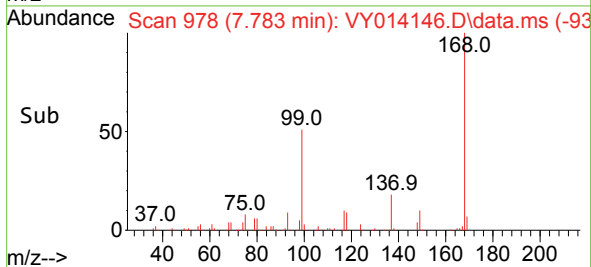
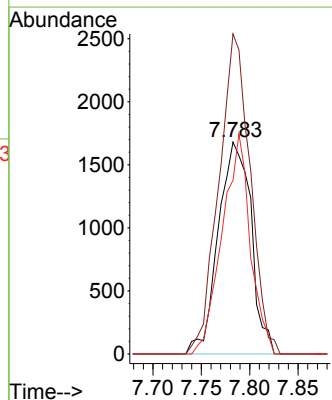
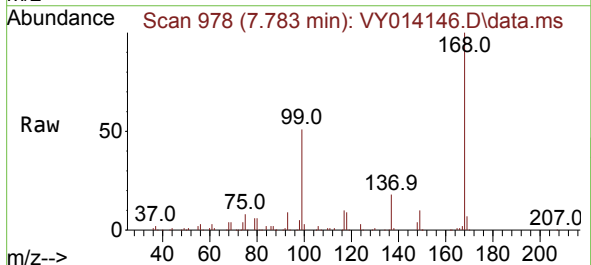
Instrument :
MSVOA_Y
ClientSampleId :
ELI-SUB-LD-CON

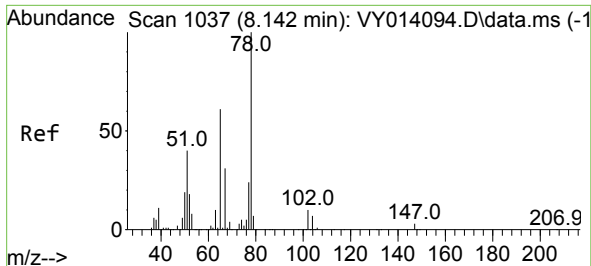
Tgt Ion: 43 Resp: 1811
Ion Ratio Lower Upper
43 100
72 17.0 20.5 30.7#



#31
Cyclohexane
Concen: 1.374 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.006 min
Lab File: VY014146.D
Acq: 13 Jun 2023 17:50

Tgt Ion: 56 Resp: 3961
Ion Ratio Lower Upper
56 100
69 151.1 27.8 41.6#
84 82.0 66.4 99.6





#33

1,2-Dichloroethane-d4

Concen: 49.814 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VY014146.D

Acq: 13 Jun 2023 17:50

Instrument :

MSVOA_Y

ClientSampleId :

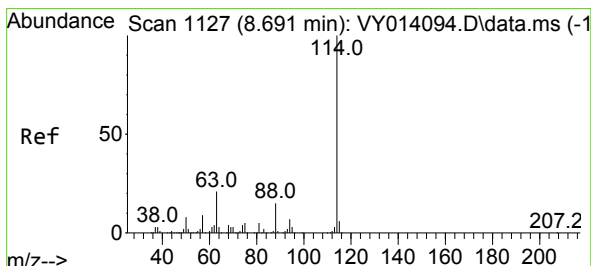
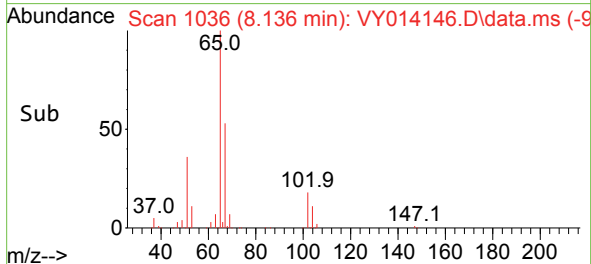
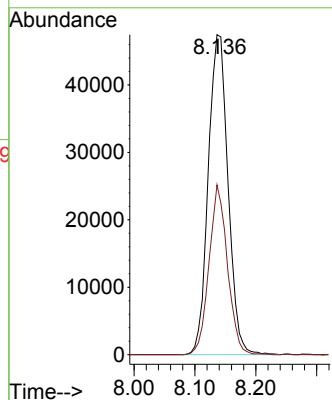
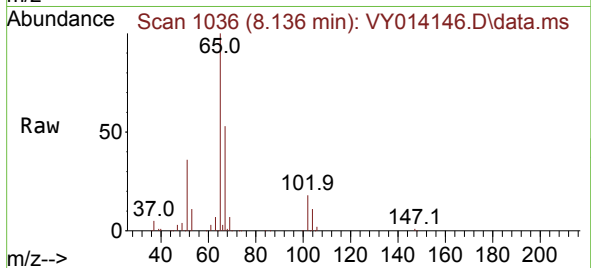
ELI-SUB-LD-CON

Tgt Ion: 65 Resp: 107185

Ion Ratio Lower Upper

65 100

67 49.4 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY014146.D

Acq: 13 Jun 2023 17:50

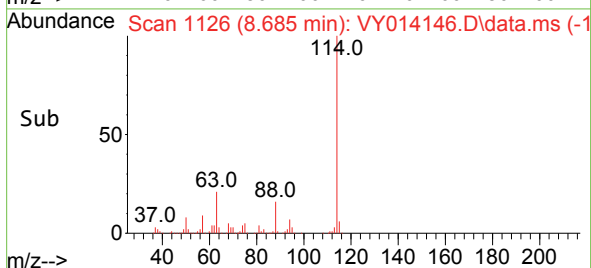
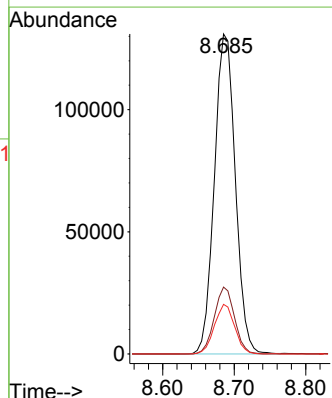
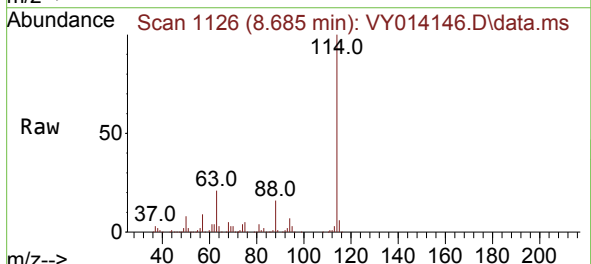
Tgt Ion: 114 Resp: 266727

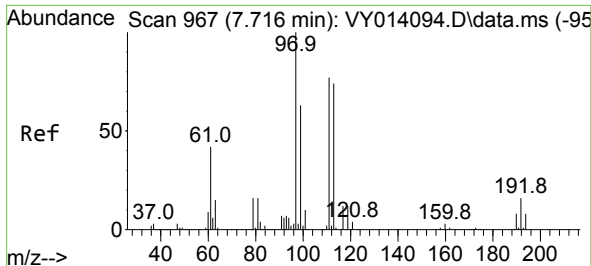
Ion Ratio Lower Upper

114 100

63 20.9 0.0 42.4

88 15.5 0.0 30.6

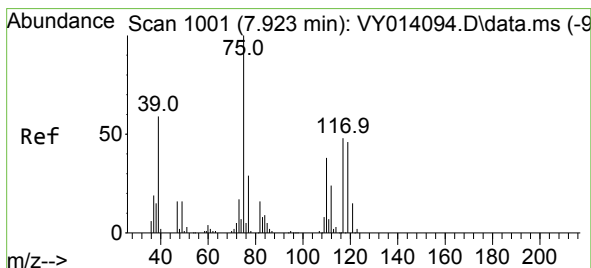
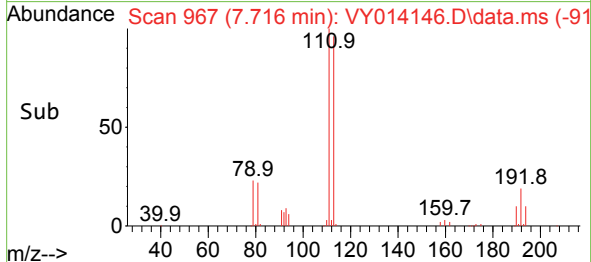
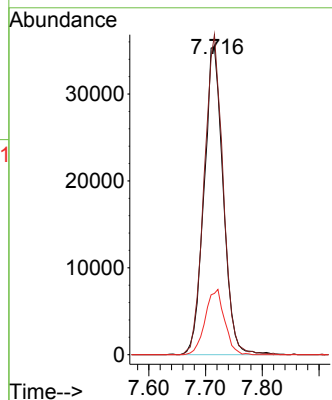
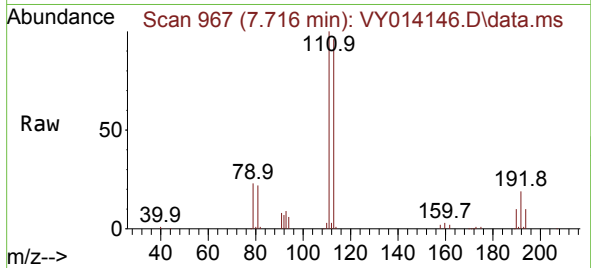




#35
Dibromofluoromethane
Concen: 43.869 ug/l
RT: 7.716 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY014146.D
Acq: 13 Jun 2023 17:50

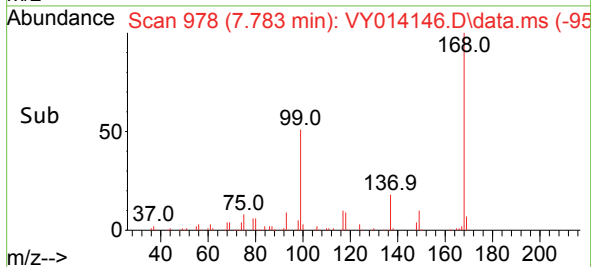
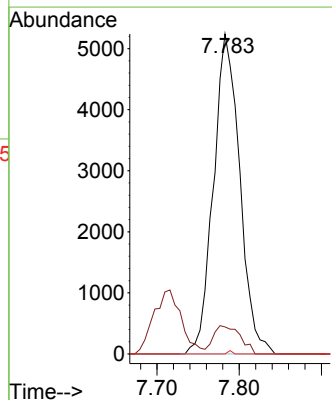
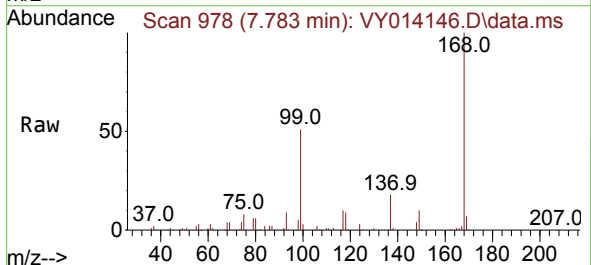
Instrument :
MSVOA_Y
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ELI-SUB-LD-CON

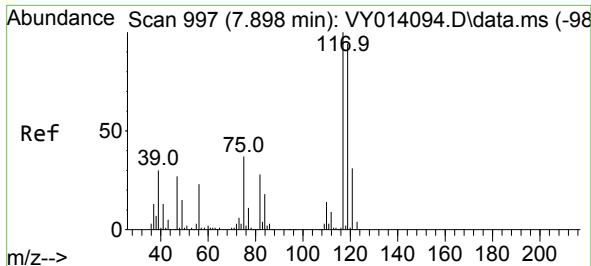
Tgt Ion:113 Resp: 82982
Ion Ratio Lower Upper
113 100
111 102.9 81.3 121.9
192 21.4 16.9 25.3



#36
1,1-Dichloropropene
Concen: 3.948 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.140 min
Lab File: VY014146.D
Acq: 13 Jun 2023 17:50

Tgt Ion: 75 Resp: 11644
Ion Ratio Lower Upper
75 100
110 9.0 17.8 53.5#
77 0.2 24.4 36.6#

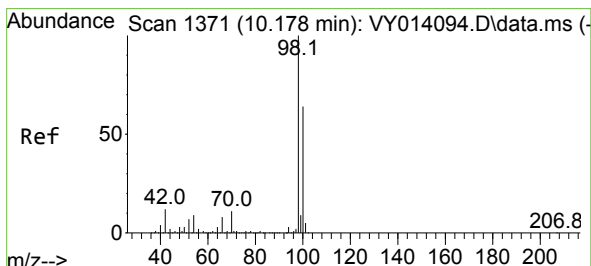
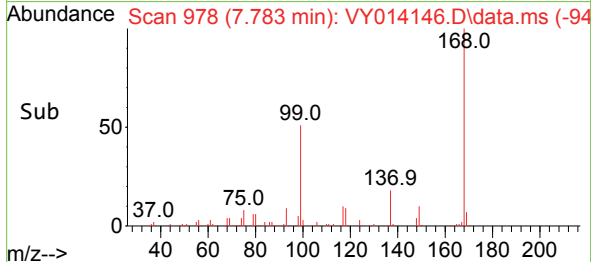
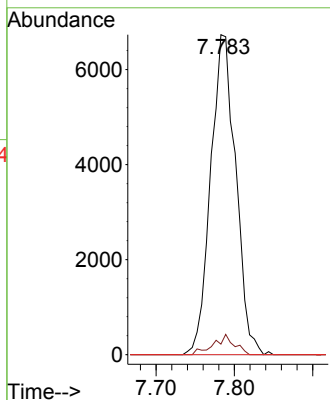
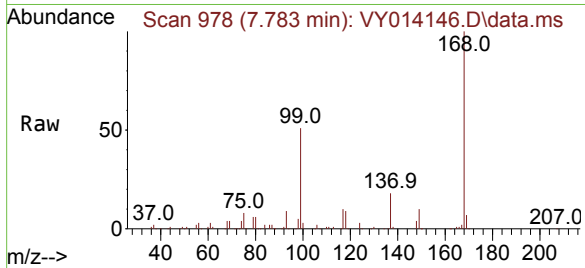




#38
Carbon Tetrachloride
Concen: 4.405 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.115 min
Lab File: VY014146.D
Acq: 13 Jun 2023 17:50

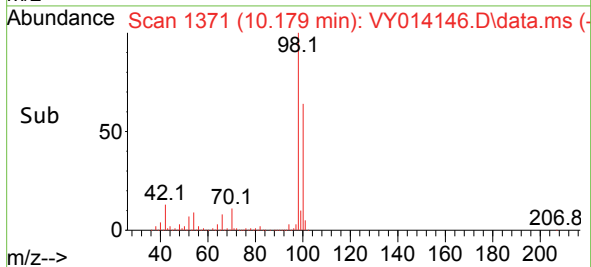
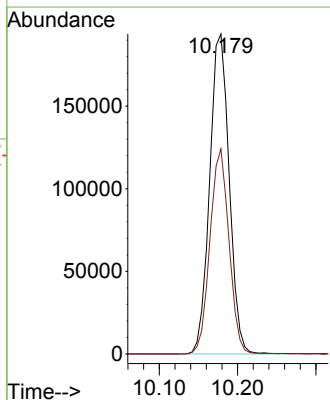
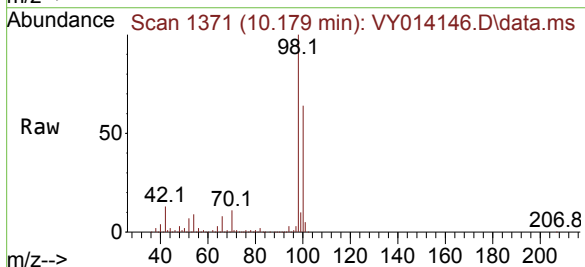
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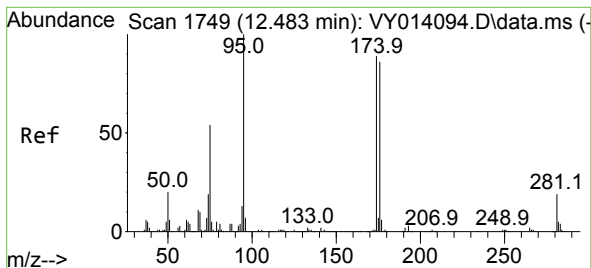
Tgt Ion:117 Resp: 14992
Ion Ratio Lower Upper
117 100
119 3.3 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 47.423 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.001 min
Lab File: VY014146.D
Acq: 13 Jun 2023 17:50

Tgt Ion: 98 Resp: 335363
Ion Ratio Lower Upper
98 100
100 62.5 50.1 75.1

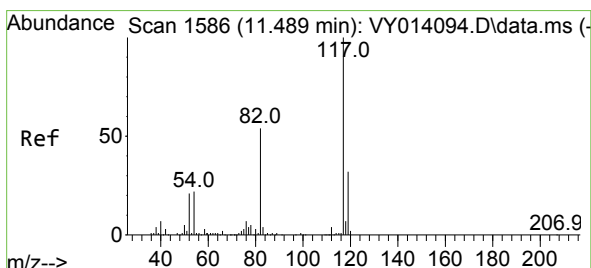
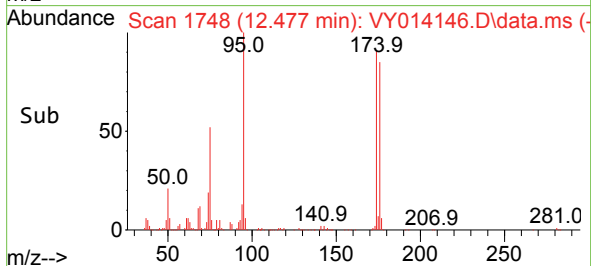
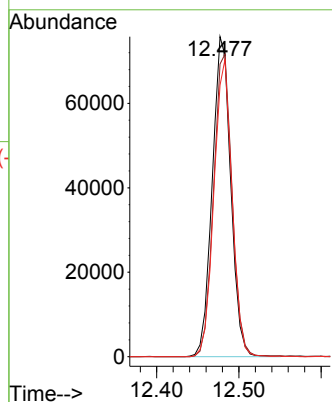
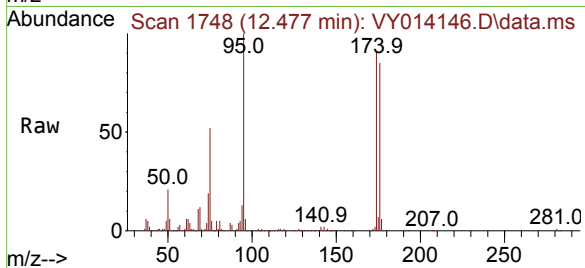




#62
4-Bromofluorobenzene
Concen: 47.224 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY014146.D
Acq: 13 Jun 2023 17:50

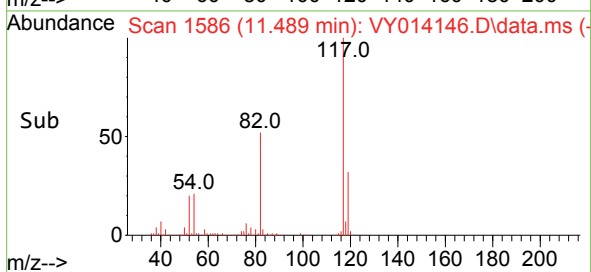
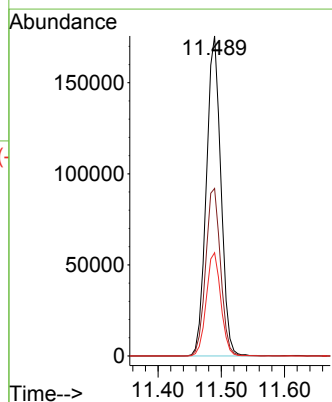
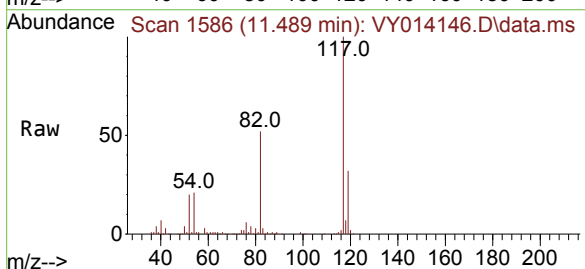
Instrument :
MSVOA_Y
ClientSampleId :
ELI-SUB-LD-CON

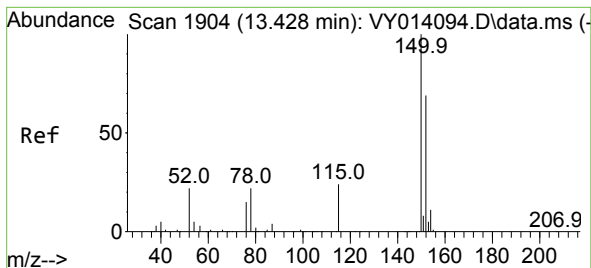
Tgt Ion: 95 Resp: 118631
Ion Ratio Lower Upper
95 100
174 94.7 0.0 178.2
176 91.0 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY014146.D
Acq: 13 Jun 2023 17:50

Tgt Ion: 117 Resp: 281312
Ion Ratio Lower Upper
117 100
82 52.4 43.4 65.0
119 32.2 26.3 39.5

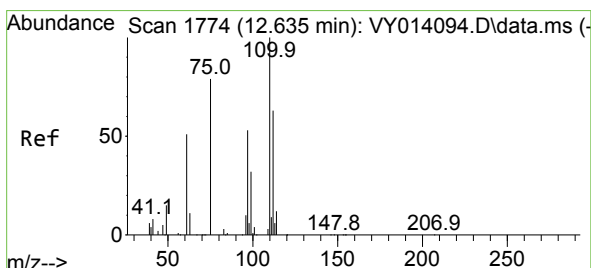
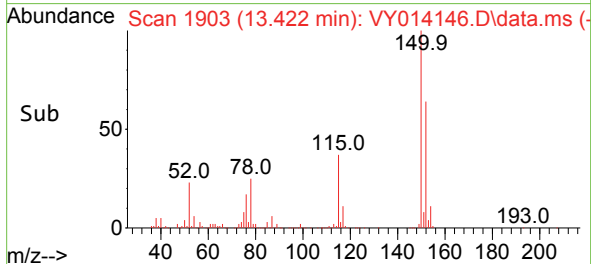
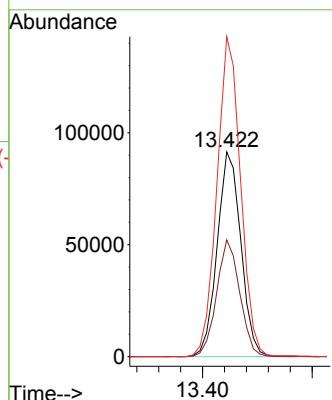
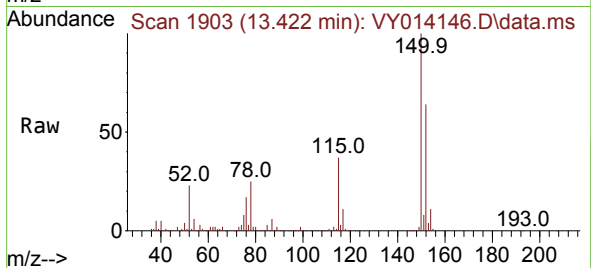




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1904
 Delta R.T. -0.006 min
 Lab File: VY014146.D
 Acq: 13 Jun 2023 17:50

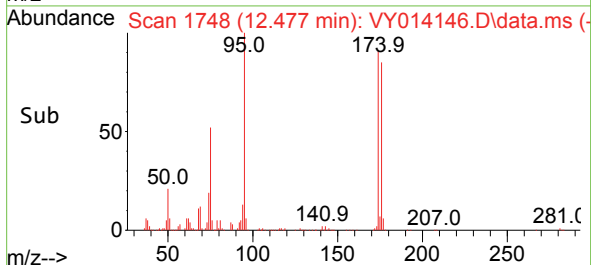
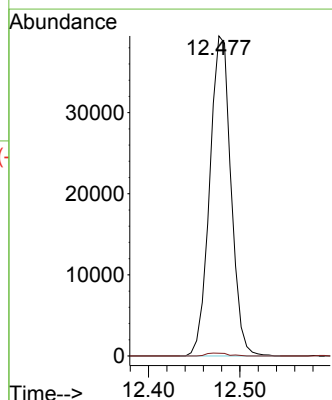
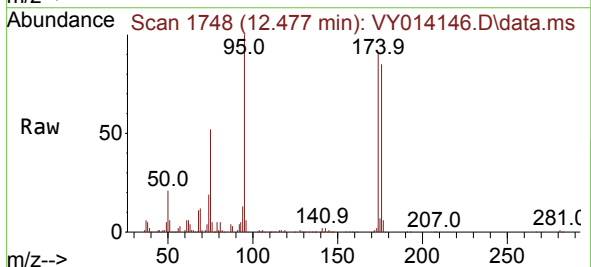
Instrument :
 MSVOA_Y
 ClientSampleId :
 ELI-SUB-LD-CON

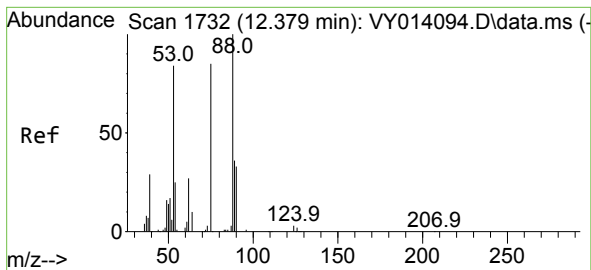
Tgt Ion:152 Resp: 137377
 Ion Ratio Lower Upper
 152 100
 115 55.8 28.8 86.5
 150 156.3 0.0 348.8



#76
 1,2,3-Trichloropropane
 Concen: 35.453 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.158 min
 Lab File: VY014146.D
 Acq: 13 Jun 2023 17:50

Tgt Ion: 75 Resp: 63899
 Ion Ratio Lower Upper
 75 100
 77 0.9 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 76.636 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY014146.D
 Acq: 13 Jun 2023 17:50

Instrument :
 MSVOA_Y
 ClientSampleId :
 ELI-SUB-LD-CON

Tgt Ion: 75 Resp: 63899
 Ion Ratio Lower Upper
 75 100
 53 0.4 77.8 116.8#
 89 0.1 37.4 56.0#

