

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020323\
 Data File : VY012472.D
 Acq On : 03 Feb 2023 13:16
 Operator : KP/MD
 Sample : 01404-01RE
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 04 00:08:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 04:31:47 2023
 Response via : Initial Calibration

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

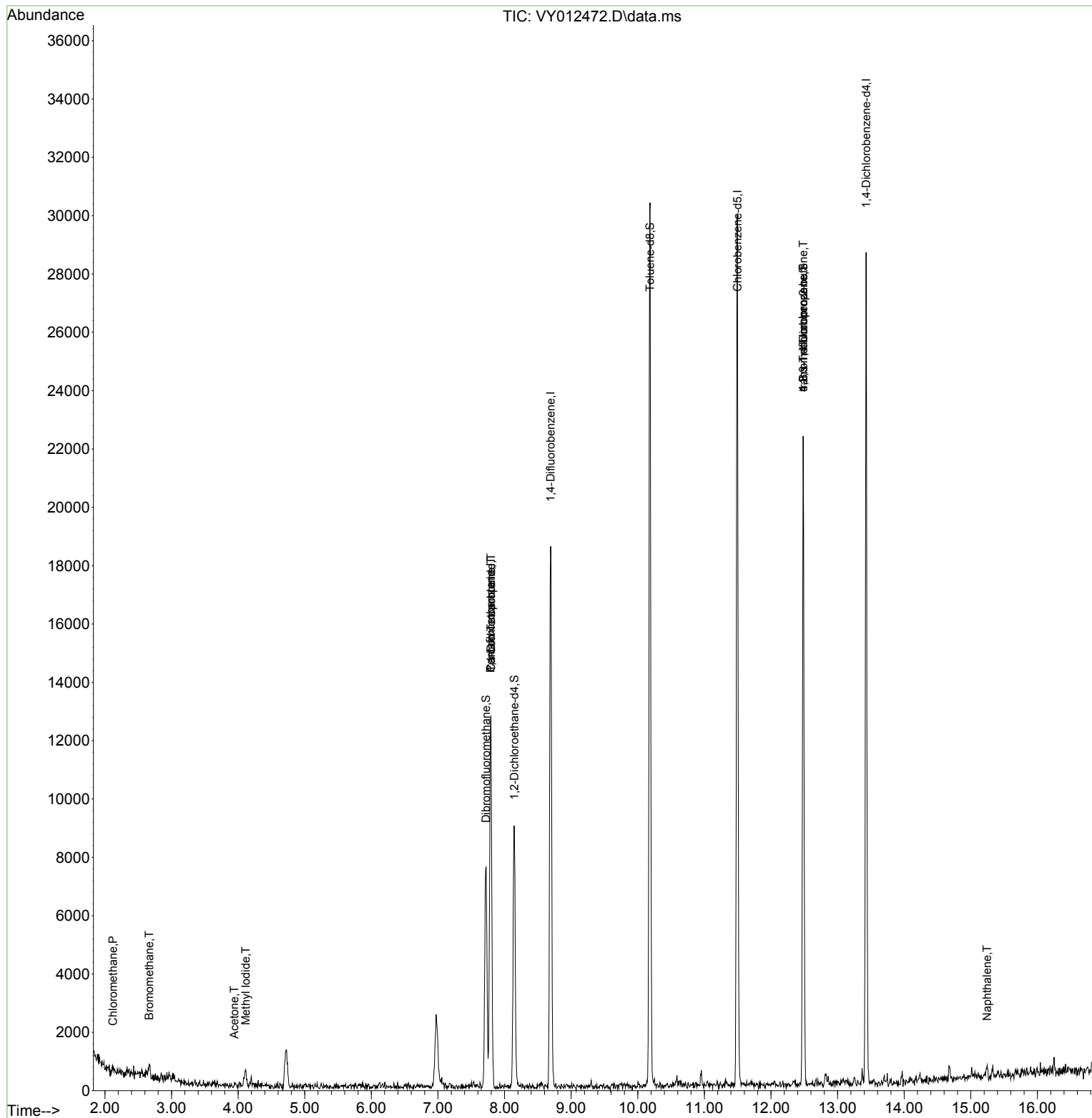
Internal Standards						
1) Pentafluorobenzene	7.789	168	11081	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	18053	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	18262	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	8112	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	7766	87.501	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 175.000%#	
35) Dibromofluoromethane	7.722	113	5264	55.068	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.140%	
50) Toluene-d8	10.185	98	21583	66.604	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 133.200%	
62) 4-Bromofluorobenzene	12.483	95	6631	49.208	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 98.420%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.119	50	159	1.779	ug/l #	41
5) Bromomethane	2.662	94	265	3.285	ug/l	97
10) Methyl Iodide	4.113	142	811	5.384	ug/l #	85
16) Acetone	3.942	43	203	6.579	ug/l #	40
36) 1,1-Dichloropropene	7.795	75	772	4.752	ug/l #	41
38) Carbon Tetrachloride	7.795	117	1047	4.990	ug/l #	14
76) 1,2,3-Trichloropropane	12.483	75	3518	47.163	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	3518	97.176	ug/l #	13
95) Naphthalene	15.245	128	323	1.022	ug/l #	69

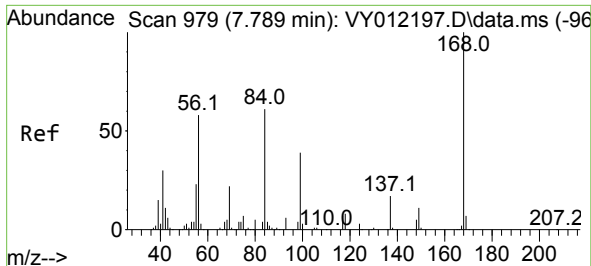
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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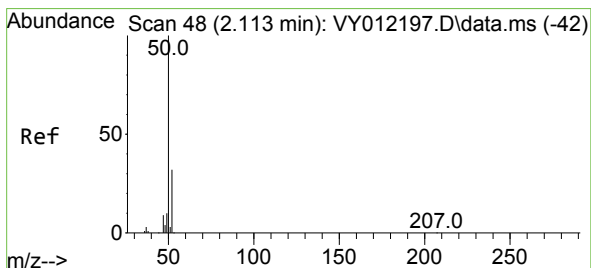
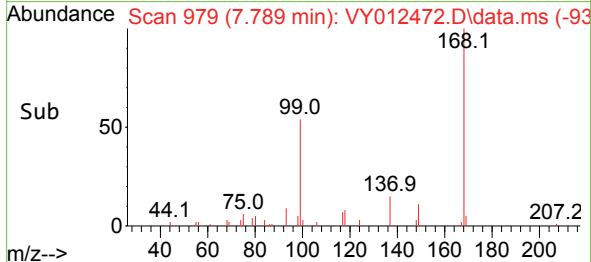
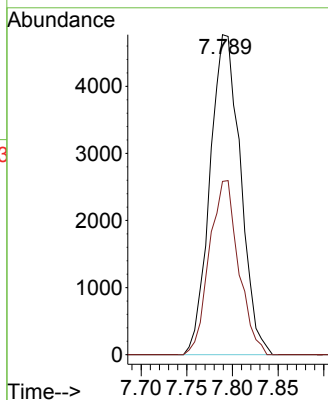
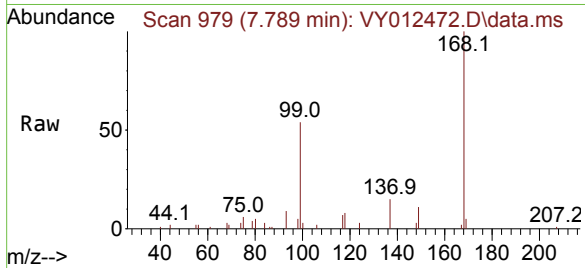




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY012472.D
Acq: 03 Feb 2023 13:16

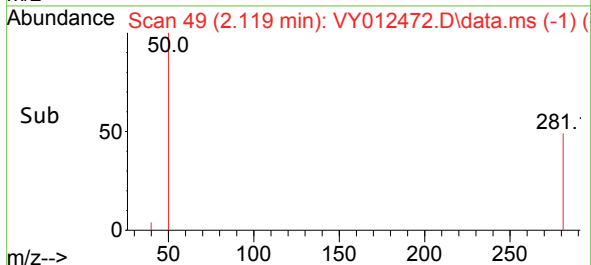
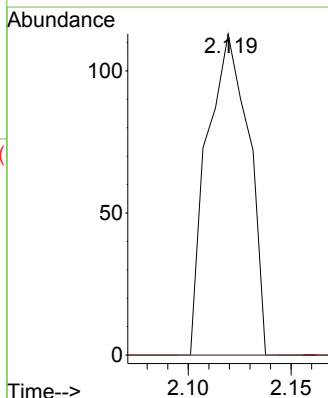
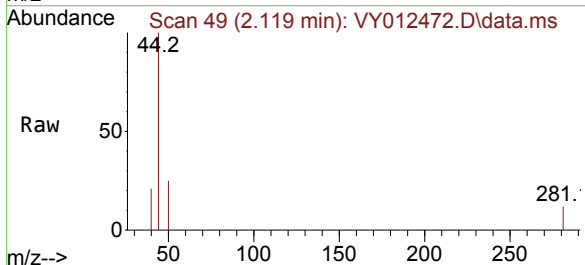
Instrument :
MSVOA_Y
ClientSampleId :

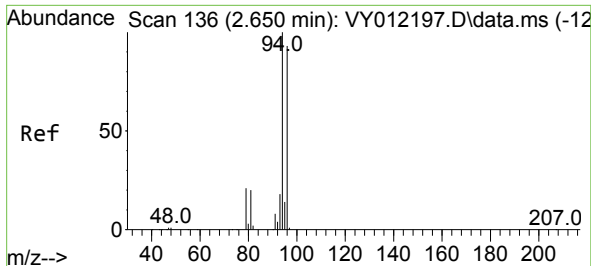
Tgt Ion:168 Resp: 11081
Ion Ratio Lower Upper
168 100
99 54.1 44.0 66.0



#3
Chloromethane
Concen: 1.779 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY012472.D
Acq: 03 Feb 2023 13:16

Tgt Ion: 50 Resp: 159
Ion Ratio Lower Upper
50 100
52 0.0 26.8 40.2#

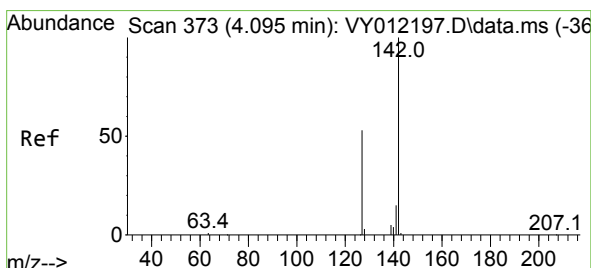
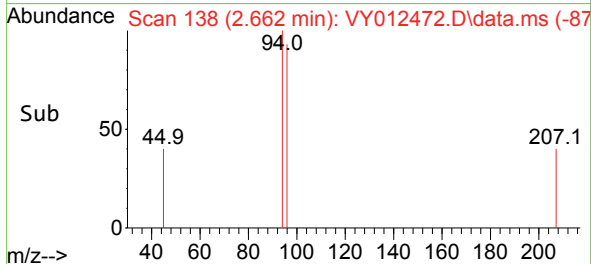
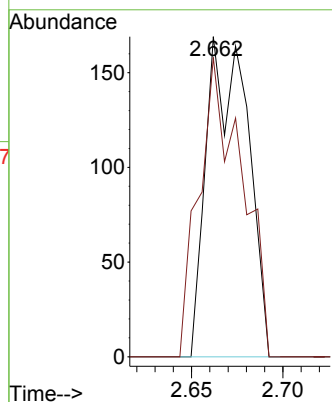
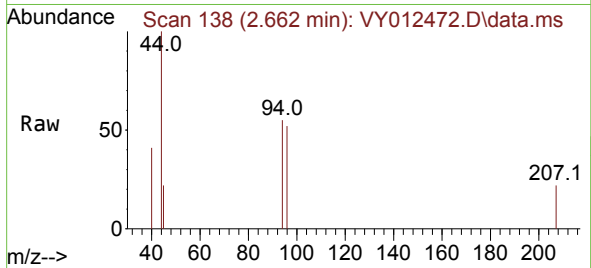




#5
Bromomethane
Concen: 3.285 ug/l
RT: 2.662 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY012472.D
Acq: 03 Feb 2023 13:16

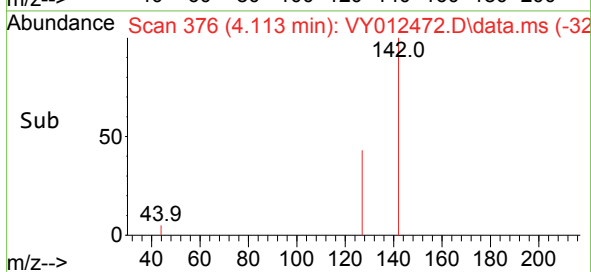
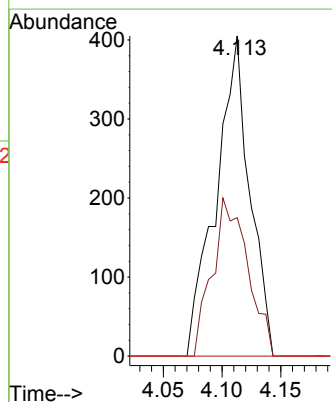
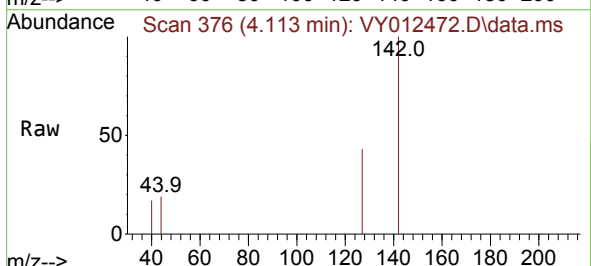
Instrument :
MSVOA_Y
ClientSampleId :

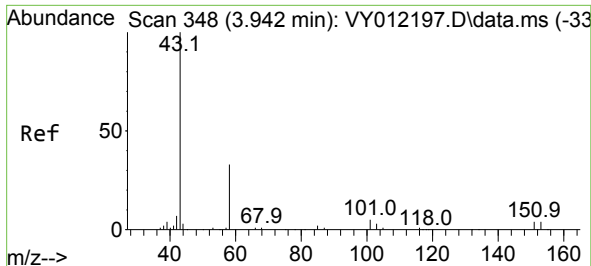
Tgt Ion: 94 Resp: 265
Ion Ratio Lower Upper
94 100
96 93.5 77.4 116.2



#10
Methyl Iodide
Concen: 5.384 ug/l
RT: 4.113 min Scan# 376
Delta R.T. 0.018 min
Lab File: VY012472.D
Acq: 03 Feb 2023 13:16

Tgt Ion:142 Resp: 811
Ion Ratio Lower Upper
142 100
127 51.8 37.0 55.4
141 0.0 11.4 17.0#

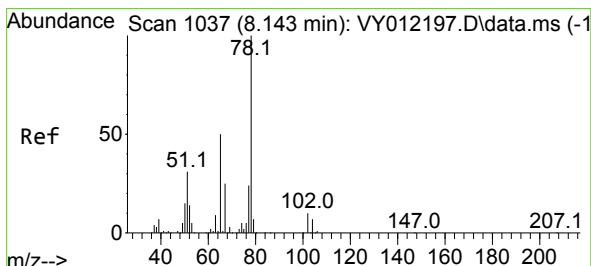
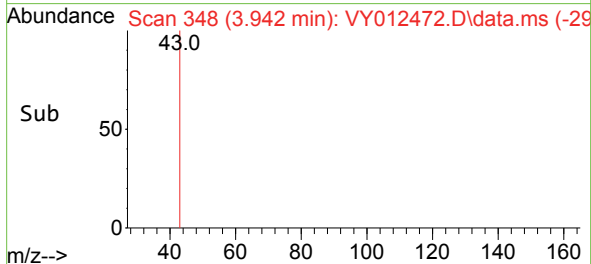
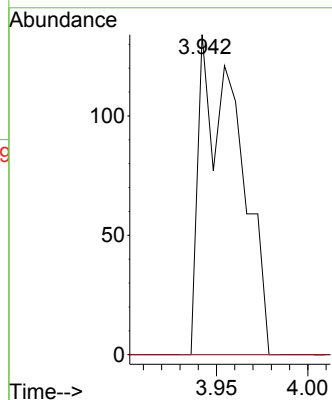
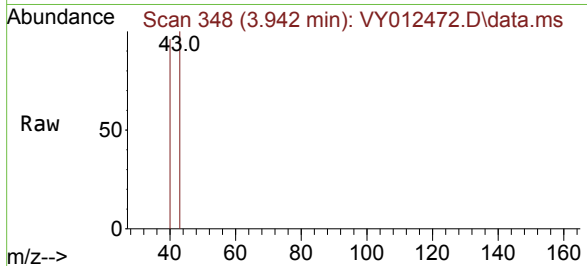




#16
Acetone
Concen: 6.579 ug/l
RT: 3.942 min Scan# 34
Delta R.T. 0.000 min
Lab File: VY012472.D
Acq: 03 Feb 2023 13:16

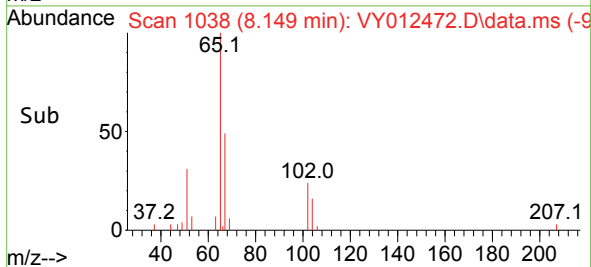
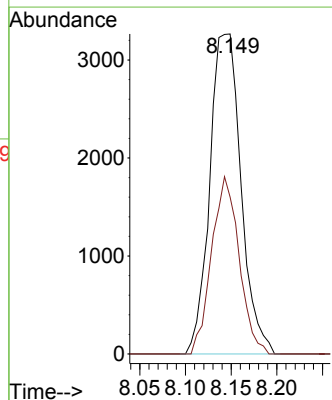
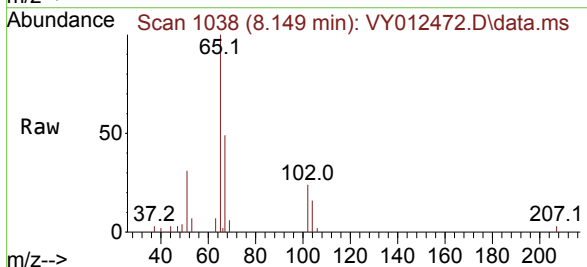
Instrument :
MSVOA_Y
ClientSampleId :

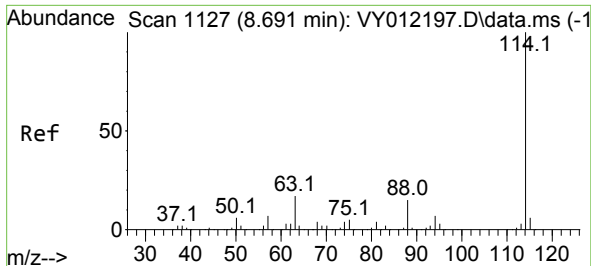
Tgt Ion: 43 Resp: 203
Ion Ratio Lower Upper
43 100
58 0.0 27.9 41.9#



#33
1,2-Dichloroethane-d4
Concen: 87.501 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VY012472.D
Acq: 03 Feb 2023 13:16

Tgt Ion: 65 Resp: 7766
Ion Ratio Lower Upper
65 100
67 48.8 0.0 103.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY012472.D

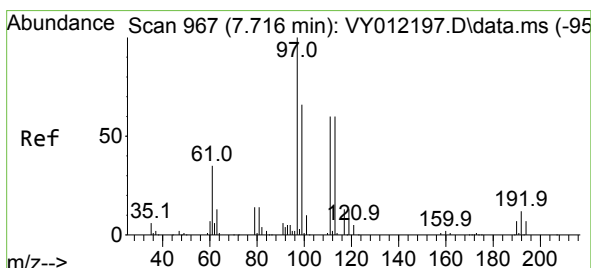
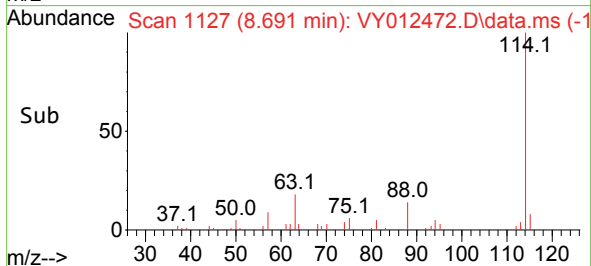
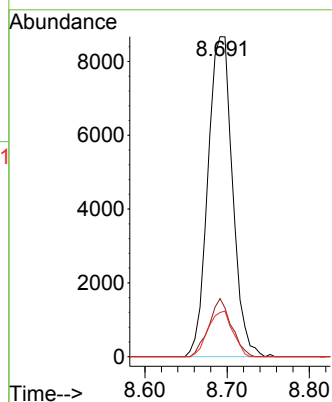
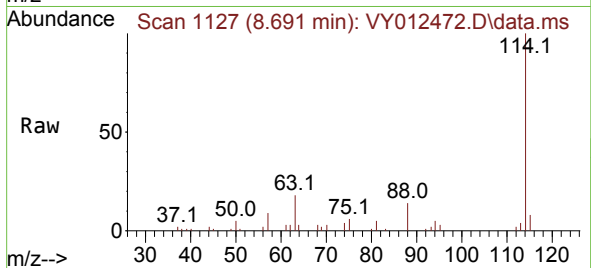
Acq: 03 Feb 2023 13:16

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:114	Resp:	18053
Ion Ratio	Lower	Upper
114	100	
63	18.2	0.0 39.6
88	13.8	0.0 32.2



#35

Dibromofluoromethane

Concen: 55.068 ug/l

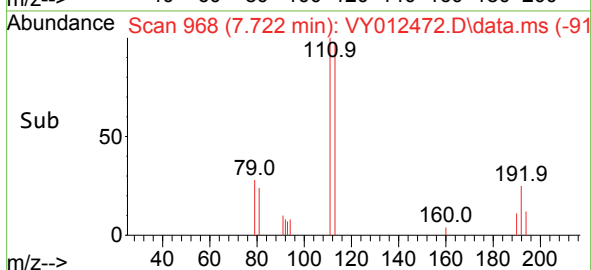
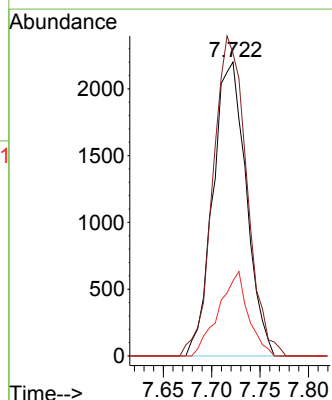
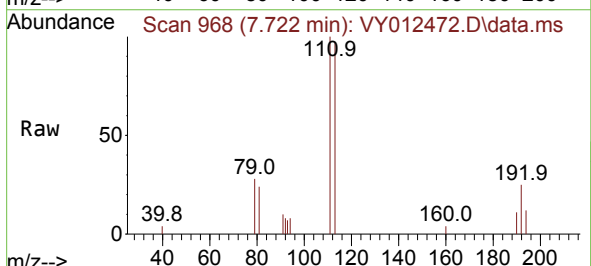
RT: 7.722 min Scan# 968

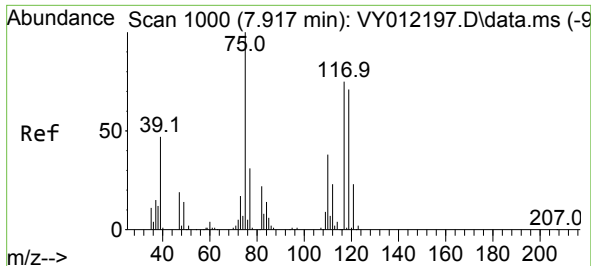
Delta R.T. 0.006 min

Lab File: VY012472.D

Acq: 03 Feb 2023 13:16

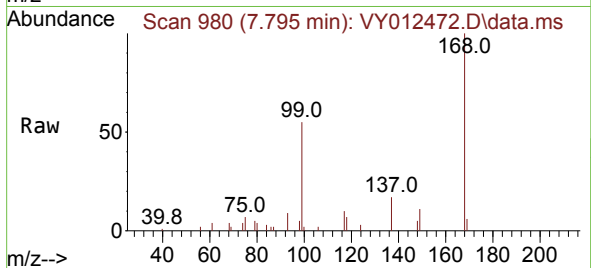
Tgt Ion:113	Resp:	5264
Ion Ratio	Lower	Upper
113	100	
111	110.0	83.0 124.4
192	25.6	16.0 24.0#



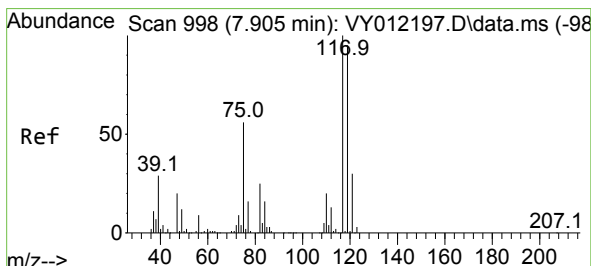
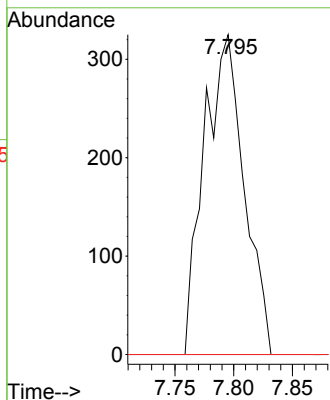
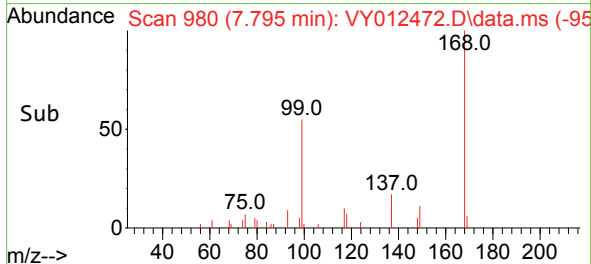


#36
 1,1-Dichloropropene
 Concen: 4.752 ug/l
 RT: 7.795 min Scan# 91
 Delta R.T. -0.122 min
 Lab File: VY012472.D
 Acq: 03 Feb 2023 13:16

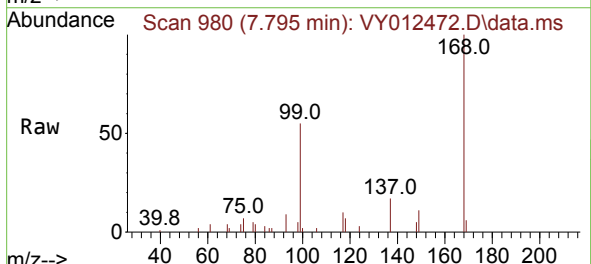
Instrument :
 MSVOA_Y
 ClientSampleId :



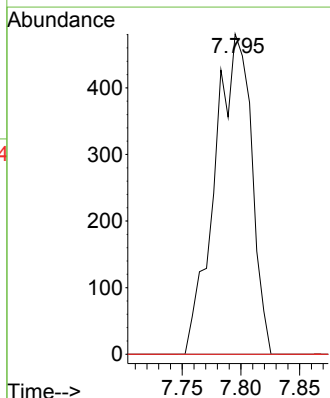
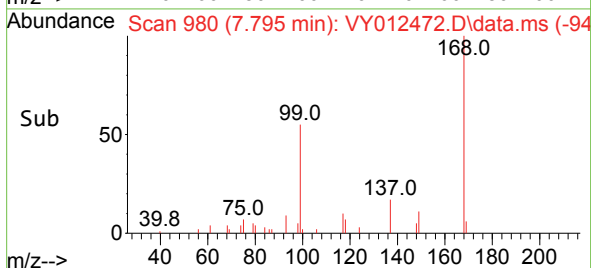
Tgt Ion: 75 Resp: 772
 Ion Ratio Lower Upper
 75 100
 110 0.0 18.1 54.1#
 77 0.0 25.1 37.7#

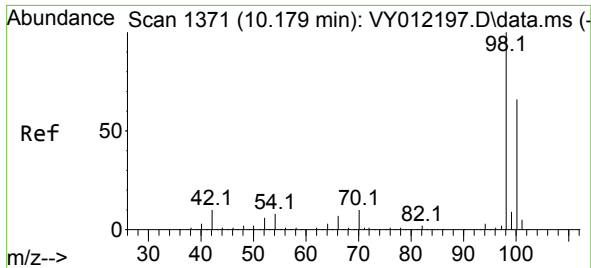


#38
 Carbon Tetrachloride
 Concen: 4.990 ug/l
 RT: 7.795 min Scan# 980
 Delta R.T. -0.104 min
 Lab File: VY012472.D
 Acq: 03 Feb 2023 13:16



Tgt Ion: 117 Resp: 1047
 Ion Ratio Lower Upper
 117 100
 119 0.0 73.8 110.8#
 121 0.0 25.2 37.8#

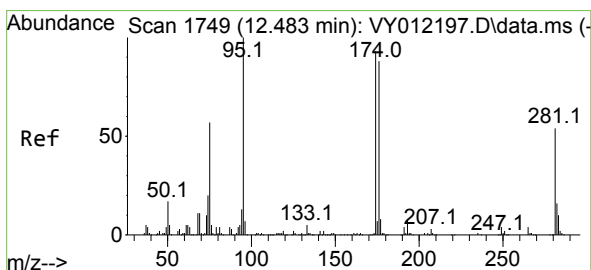
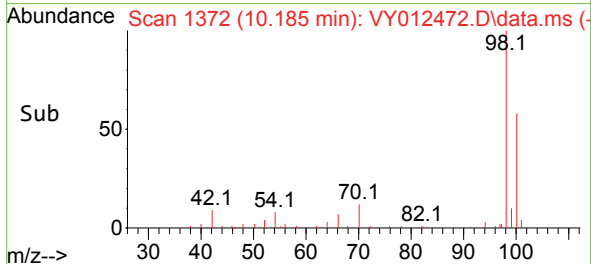
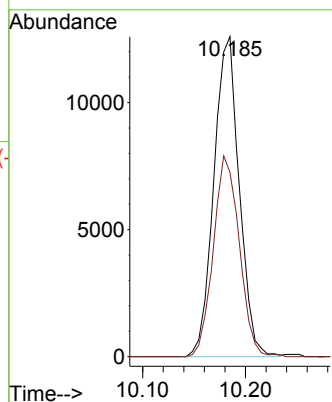
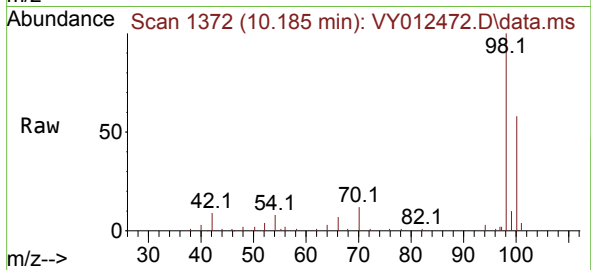




#50
Toluene-d8
Concen: 66.604 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY012472.D
Acq: 03 Feb 2023 13:16

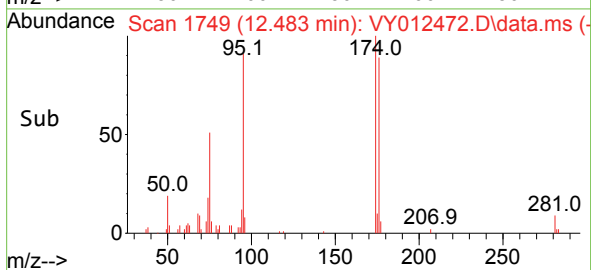
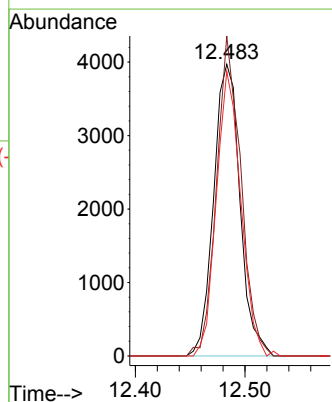
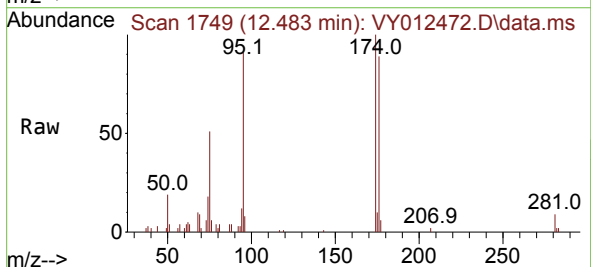
Instrument :
MSVOA_Y
ClientSampleId :

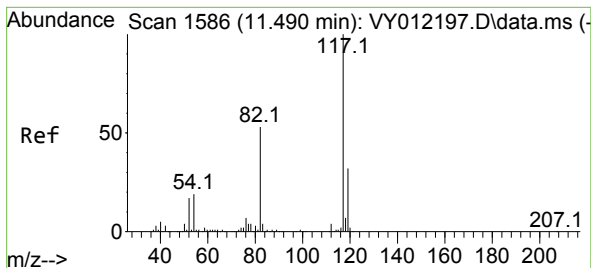
Tgt Ion: 98 Resp: 21583
Ion Ratio Lower Upper
98 100
100 64.2 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 49.208 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012472.D
Acq: 03 Feb 2023 13:16

Tgt Ion: 95 Resp: 6631
Ion Ratio Lower Upper
95 100
174 101.3 0.0 172.0
176 90.6 0.0 167.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. 0.006 min

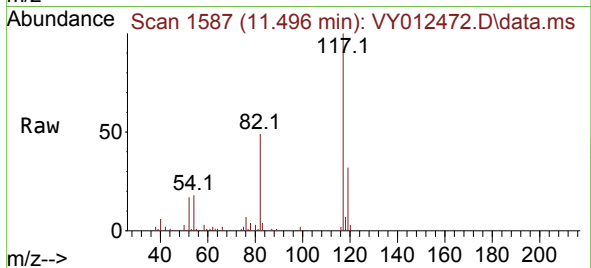
Lab File: VY012472.D

Acq: 03 Feb 2023 13:16

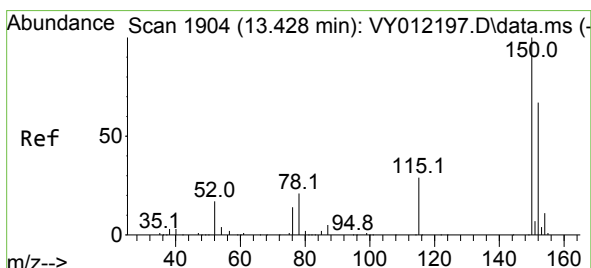
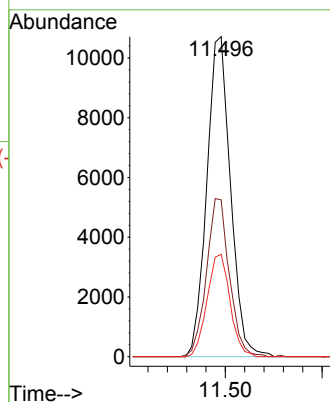
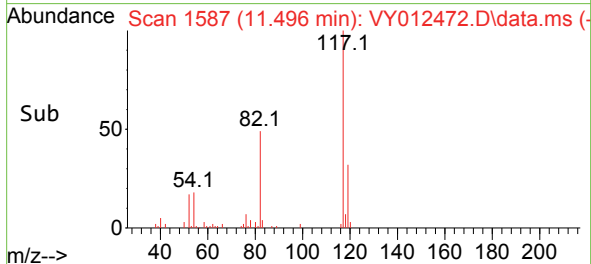
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:117	Resp:	18262
Ion Ratio	Lower	Upper
117	100	
82	49.0	44.8 67.2
119	32.0	25.4 38.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

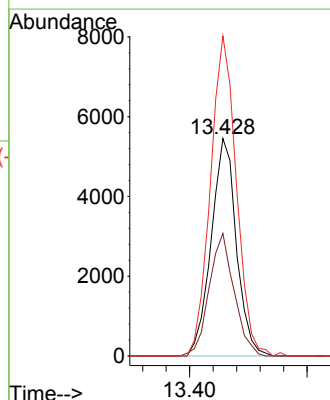
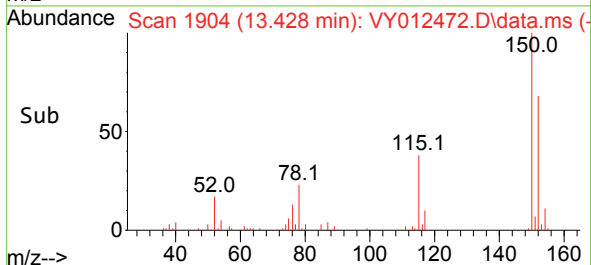
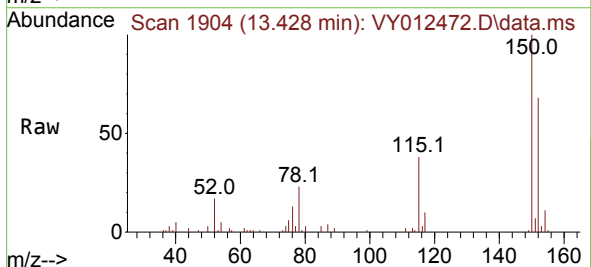
RT: 13.428 min Scan# 1904

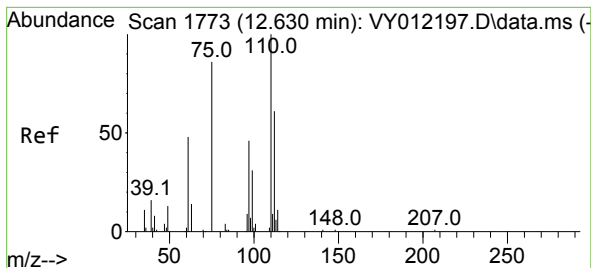
Delta R.T. 0.006 min

Lab File: VY012472.D

Acq: 03 Feb 2023 13:16

Tgt Ion:152	Resp:	8112
Ion Ratio	Lower	Upper
152	100	
115	55.8	29.1 87.3
150	151.4	0.0 342.6

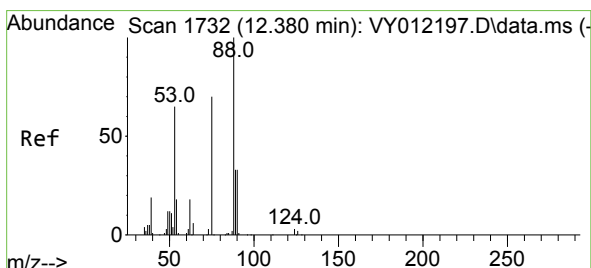
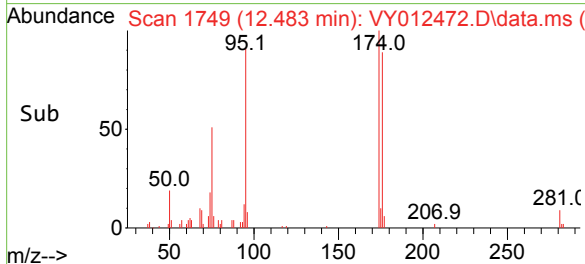
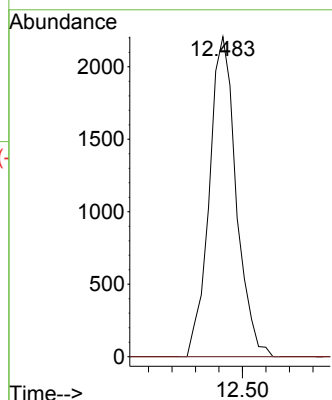
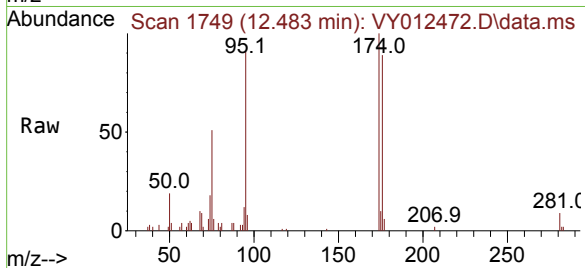




#76
 1,2,3-Trichloropropane
 Concen: 47.163 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.147 min
 Lab File: VY012472.D
 Acq: 03 Feb 2023 13:16

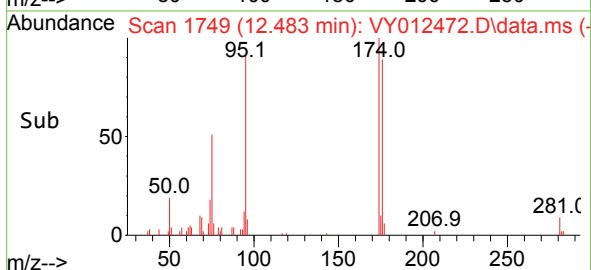
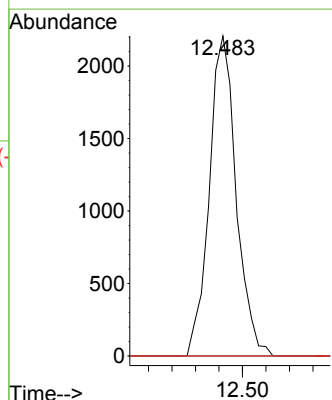
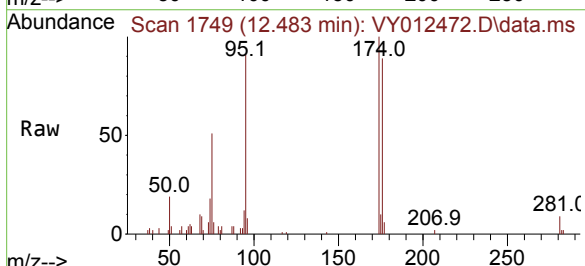
Instrument :
 MSVOA_Y
 ClientSampleId :

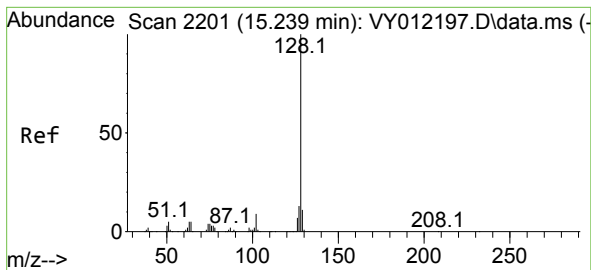
Tgt Ion: 75 Resp: 3518
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0



#81
 trans-1,4-Dichloro-2-butene
 Concen: 97.176 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.109 min
 Lab File: VY012472.D
 Acq: 03 Feb 2023 13:16

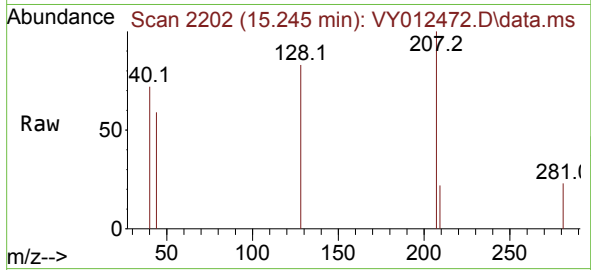
Tgt Ion: 75 Resp: 3518
 Ion Ratio Lower Upper
 75 100
 53 0.0 72.5 108.7#
 89 0.0 37.0 55.4#





#95
 Naphthalene
 Concen: 1.022 ug/l
 RT: 15.245 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: VY012472.D
 Acq: 03 Feb 2023 13:16

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion:128 Resp: 323
 Ion Ratio Lower Upper
 128 100
 127 0.0 10.2 15.2#
 129 0.0 8.8 13.2#

