

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030123\
 Data File : VY012748.D
 Acq On : 01 Mar 2023 14:02
 Operator : KP/MD
 Sample : 01722-01
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HD-01-022723

Quant Time: Mar 02 02:05:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022123S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 22 01:21:05 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	129467	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	211943	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	183741	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	85578	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	92398	60.428	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	120.860%
35) Dibromofluoromethane	7.722	113	87423	61.069	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	122.140%
50) Toluene-d8	10.179	98	308915	57.600	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	115.200%
62) 4-Bromofluorobenzene	12.483	95	96068	55.976	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	111.960%

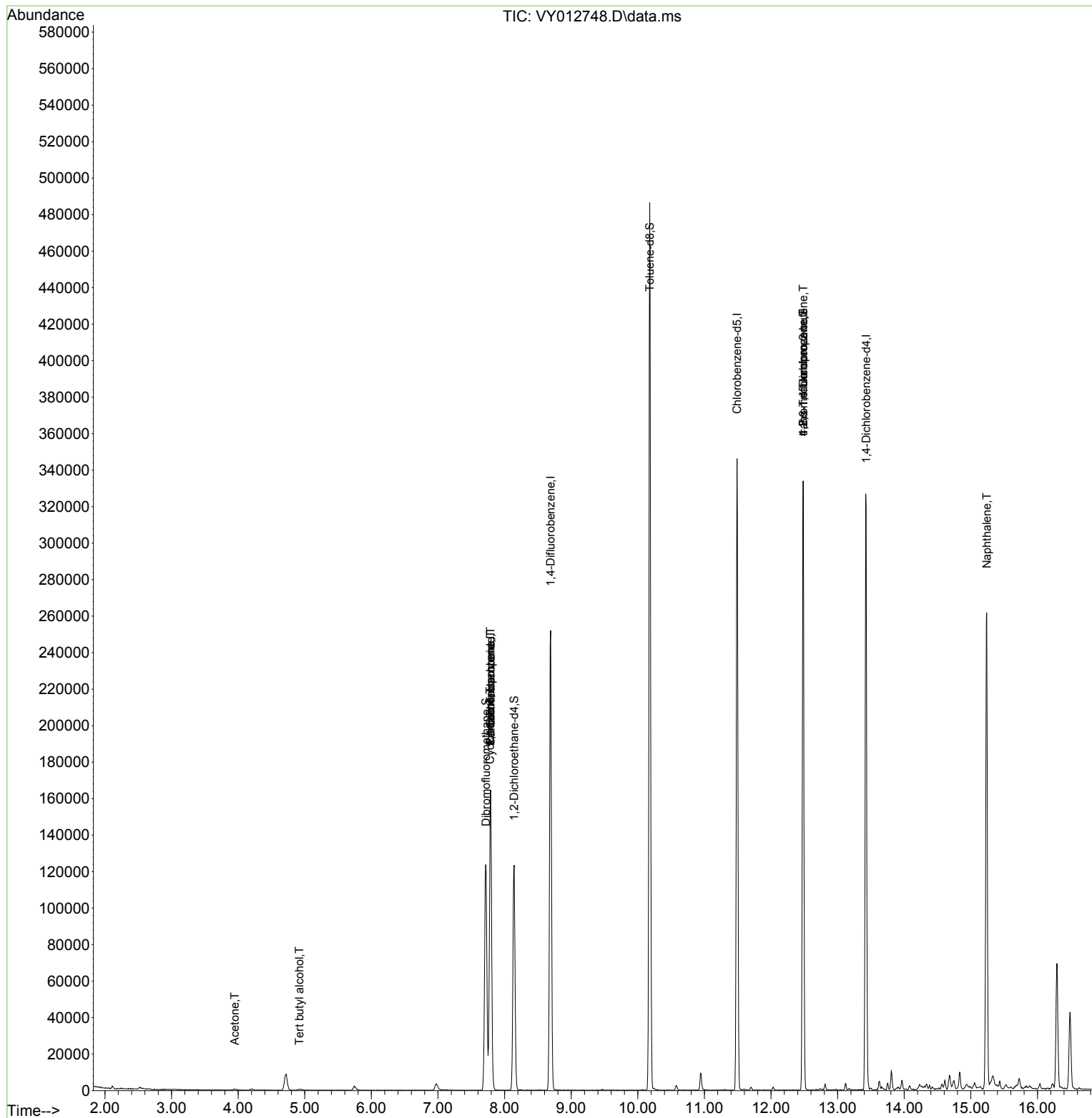
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.107	50	1204	Below Cal		96
11) Tert butyl alcohol	4.917	59	321	1.919	ug/l #	74
16) Acetone	3.948	43	1121	2.247	ug/l	98
20) Methylene Chloride	4.716	84	6584	Below Cal		92
31) Cyclohexane	7.783	56	2672	1.006	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	9942	4.381	ug/l #	49
38) Carbon Tetrachloride	7.789	117	12581	5.362	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	51007	47.810	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	51007	101.285	ug/l #	9
95) Naphthalene	15.239	128	210370	62.104	ug/l	99

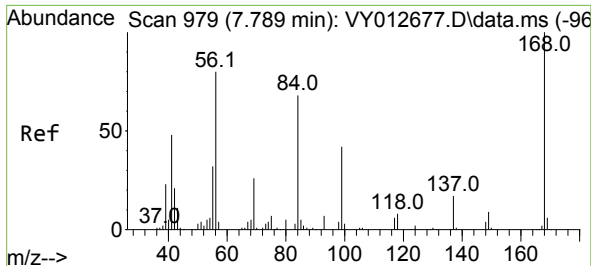
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030123\
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Quant Title : SW846 8260
QLast Update : Wed Feb 22 01:21:05 2023
Response via : Initial Calibration

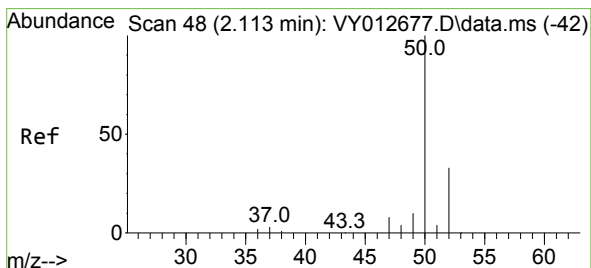
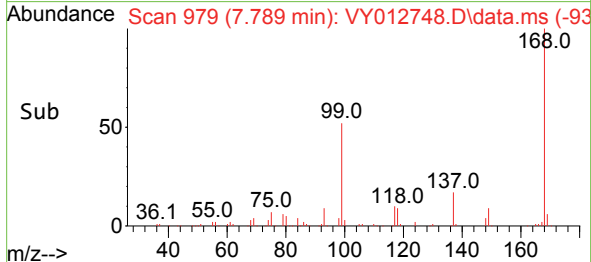
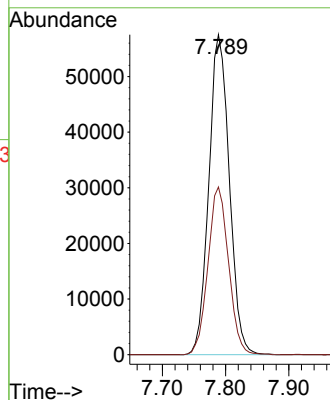
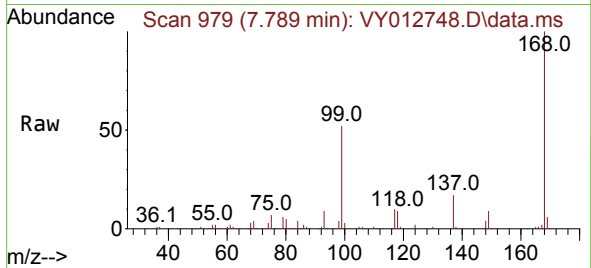




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012748.D
Acq: 01 Mar 2023 14:02

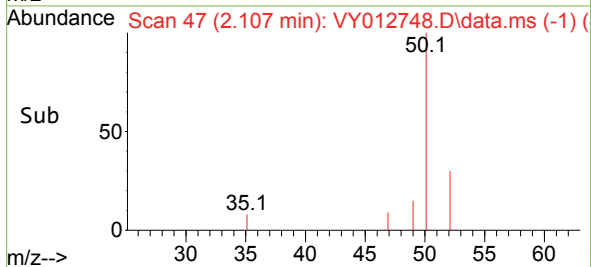
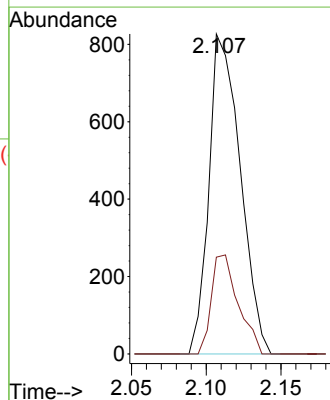
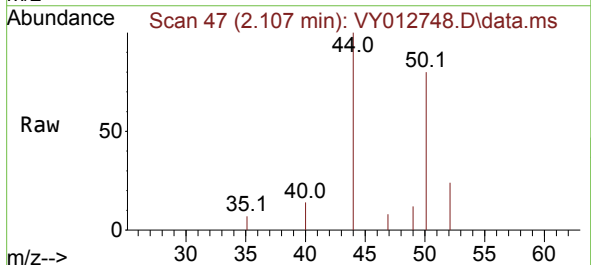
Instrument :
MSVOA_Y
ClientSampleId :
HD-01-022723

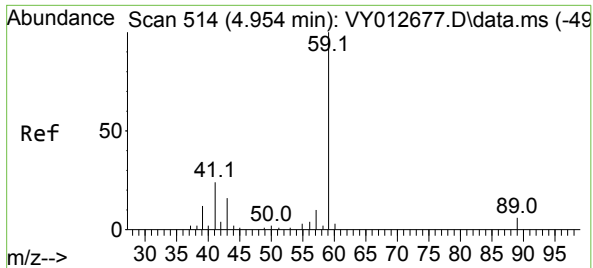
Tgt Ion:168 Resp: 129467
Ion Ratio Lower Upper
168 100
99 52.4 45.4 68.2



#3
Chloromethane
Concen: Below Cal
RT: 2.107 min Scan# 47
Delta R.T. -0.006 min
Lab File: VY012748.D
Acq: 01 Mar 2023 14:02

Tgt Ion: 50 Resp: 1204
Ion Ratio Lower Upper
50 100
52 30.2 26.1 39.1

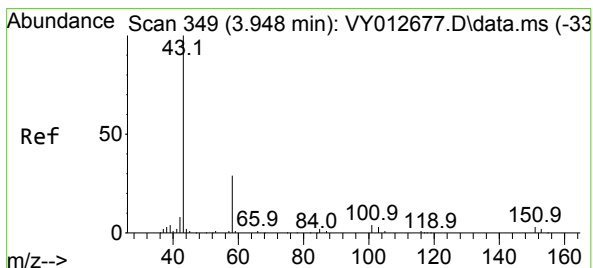
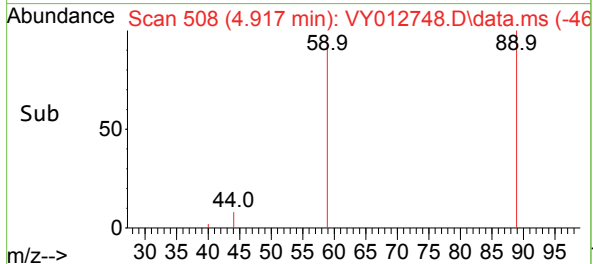
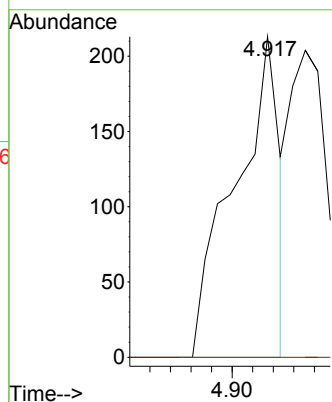
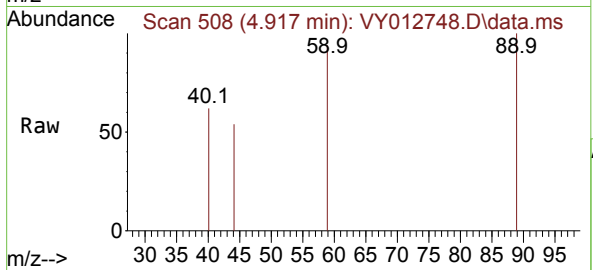




#11
Tert butyl alcohol
Concen: 1.919 ug/l
RT: 4.917 min Scan# 508
Delta R.T. -0.037 min
Lab File: VY012748.D
Acq: 01 Mar 2023 14:02

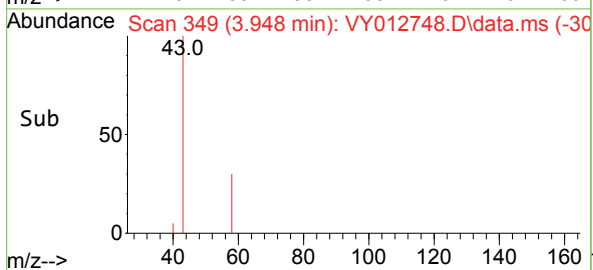
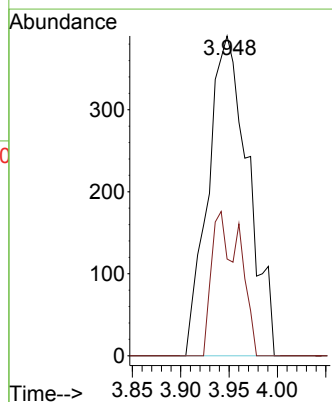
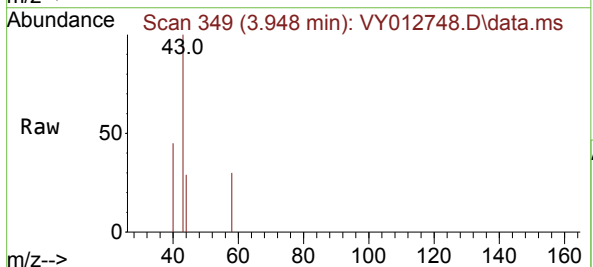
Instrument :
MSVOA_Y
ClientSampleId :
HD-01-022723

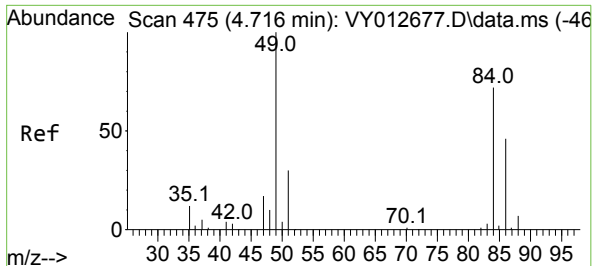
Tgt Ion: 59 Resp: 321
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#



#16
Acetone
Concen: 2.247 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.000 min
Lab File: VY012748.D
Acq: 01 Mar 2023 14:02

Tgt Ion: 43 Resp: 1121
Ion Ratio Lower Upper
43 100
58 30.3 23.3 34.9





#20

Methylene Chloride

Concen: Below Cal

RT: 4.716 min Scan# 41

Delta R.T. 0.000 min

Lab File: VY012748.D

Acq: 01 Mar 2023 14:02

Instrument :

MSVOA_Y

ClientSampleId :

HD-01-022723

Tgt Ion: 84 Resp: 6584

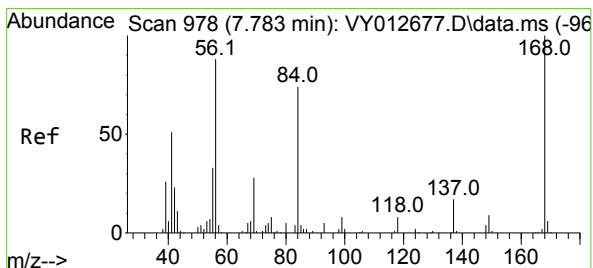
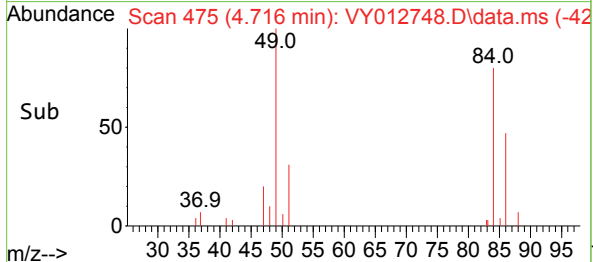
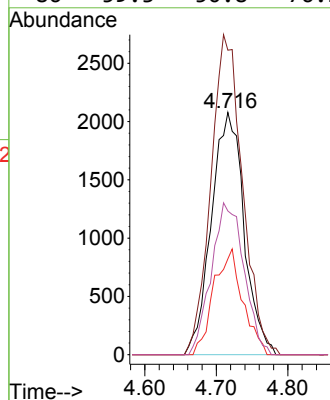
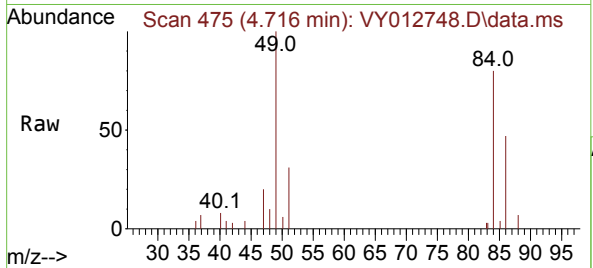
Ion Ratio Lower Upper

84 100

49 125.7 111.1 166.7

51 39.6 33.5 50.3

86 59.3 50.8 76.2



#31

Cyclohexane

Concen: 1.006 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.000 min

Lab File: VY012748.D

Acq: 01 Mar 2023 14:02

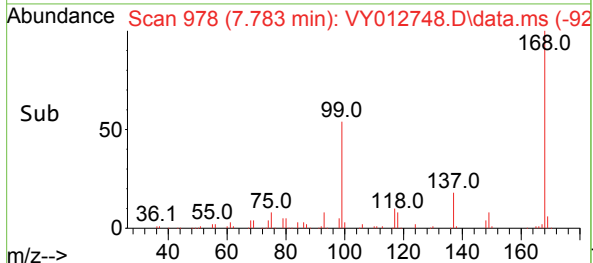
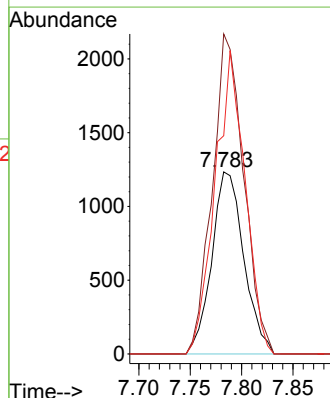
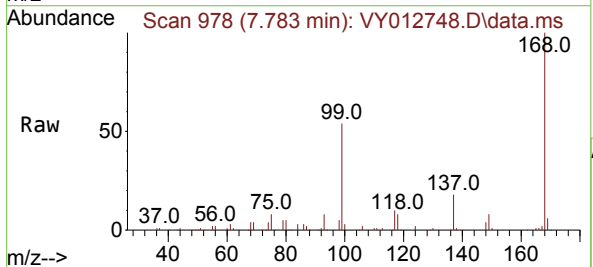
Tgt Ion: 56 Resp: 2672

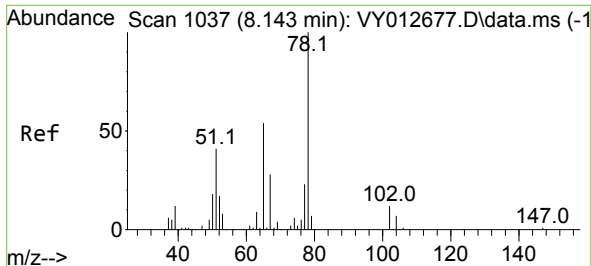
Ion Ratio Lower Upper

56 100

69 175.8 25.4 38.2#

84 119.9 67.3 100.9#

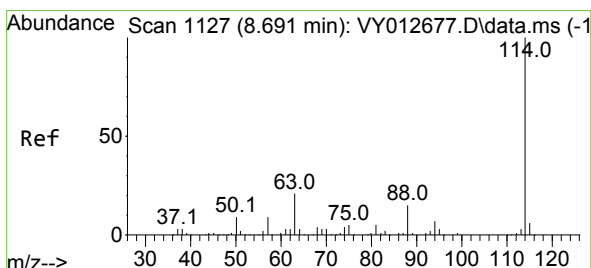
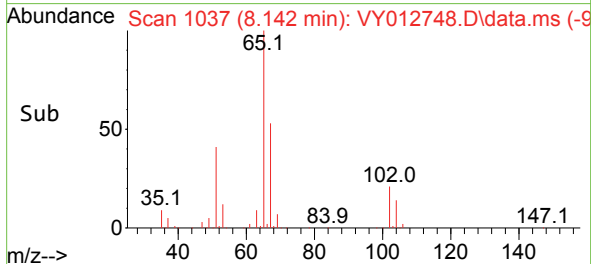
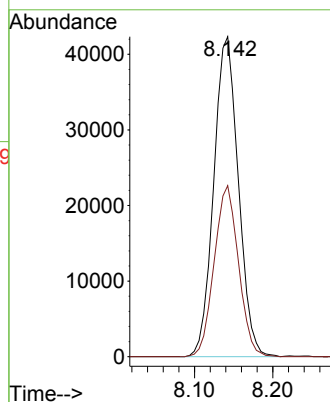
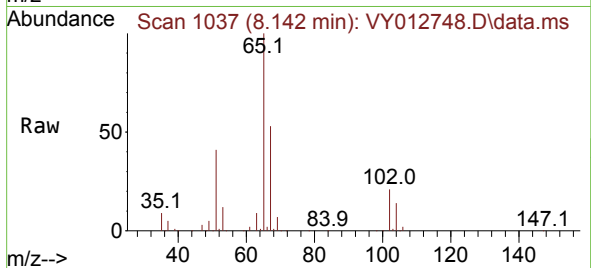




#33
 1,2-Dichloroethane-d4
 Concen: 60.428 ug/l
 RT: 8.142 min Scan# 1103
 Delta R.T. -0.001 min
 Lab File: VY012748.D
 Acq: 01 Mar 2023 14:02

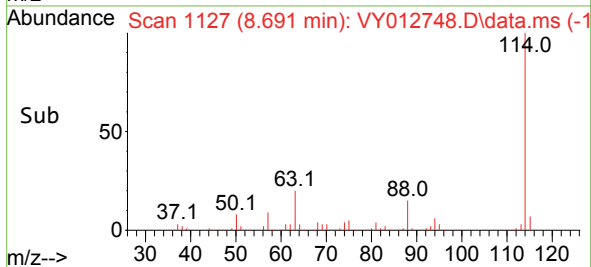
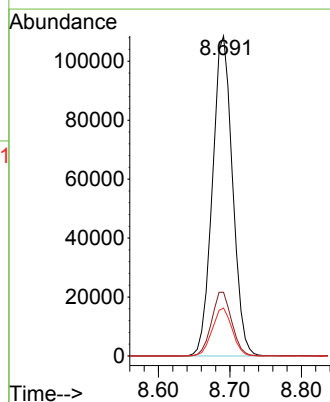
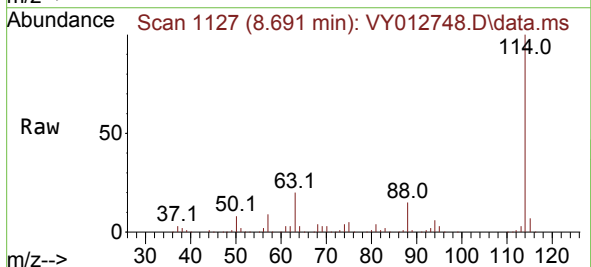
Instrument :
 MSVOA_Y
 ClientSampleId :
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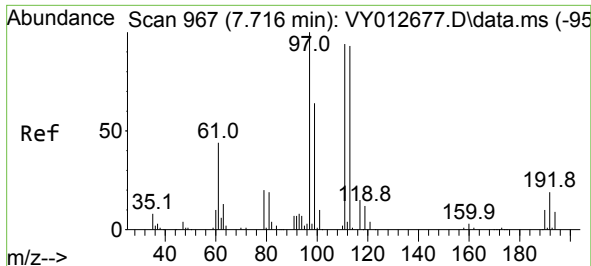
Tgt Ion: 65 Resp: 92398
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. -0.000 min
 Lab File: VY012748.D
 Acq: 01 Mar 2023 14:02

Tgt Ion: 114 Resp: 211943
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 42.8
 88 14.9 0.0 29.6

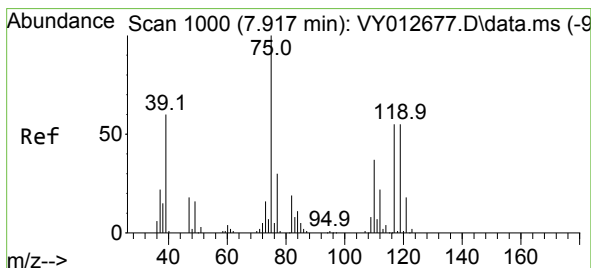
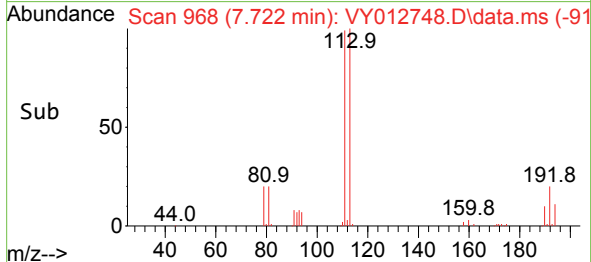
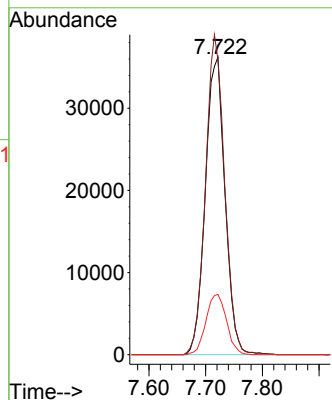
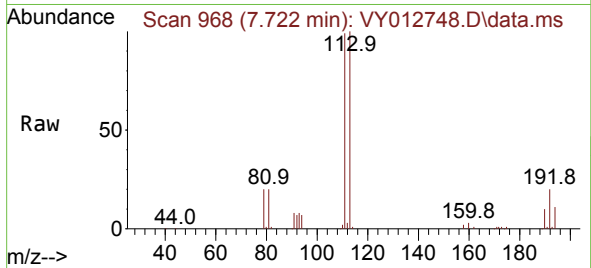




#35
Dibromofluoromethane
Concen: 61.069 ug/l
RT: 7.722 min Scan# 910
Delta R.T. 0.006 min
Lab File: VY012748.D
Acq: 01 Mar 2023 14:02

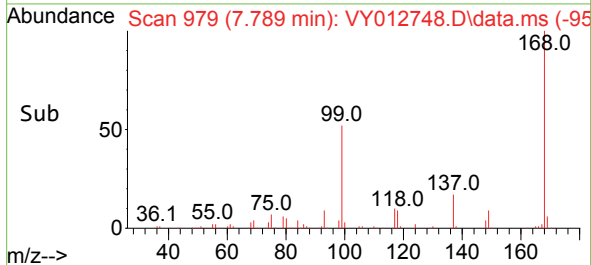
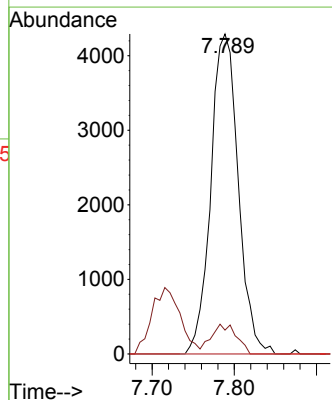
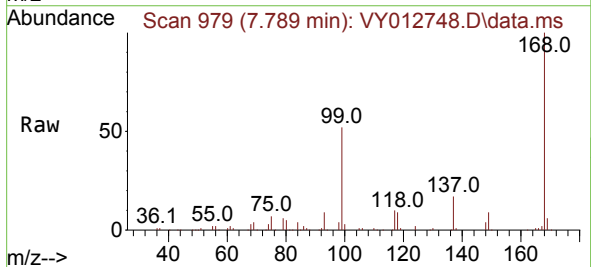
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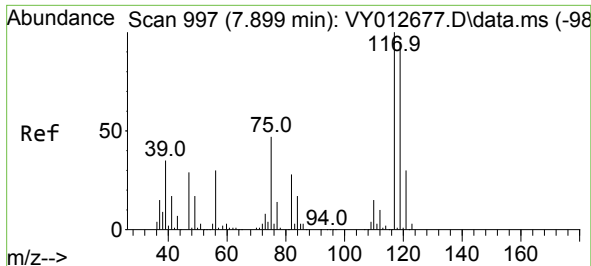
Tgt Ion:113 Resp: 87423
Ion Ratio Lower Upper
113 100
111 104.2 82.0 123.0
192 21.1 16.2 24.2



#36
1,1-Dichloropropene
Concen: 4.381 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY012748.D
Acq: 01 Mar 2023 14:02

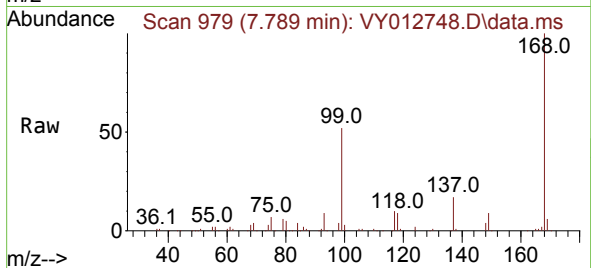
Tgt Ion: 75 Resp: 9942
Ion Ratio Lower Upper
75 100
110 8.5 17.6 52.8#
77 0.0 24.6 37.0#



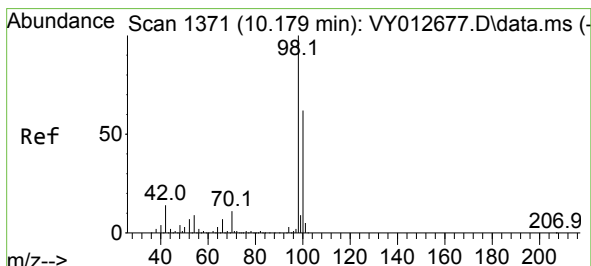
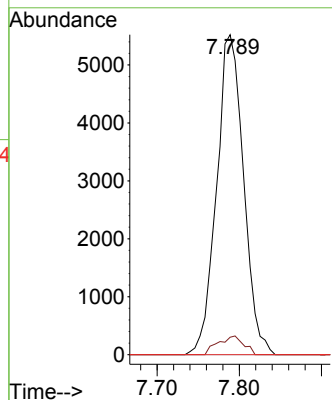
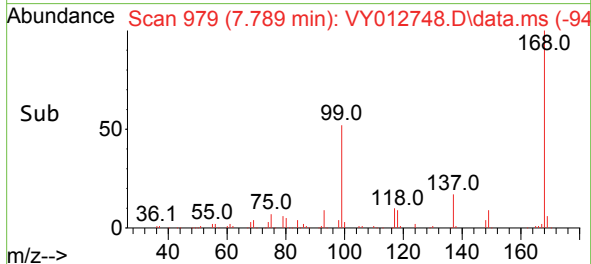


#38
Carbon Tetrachloride
Concen: 5.362 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY012748.D
Acq: 01 Mar 2023 14:02

Instrument :
MSVOA_Y
ClientSampleId :
HD-01-022723

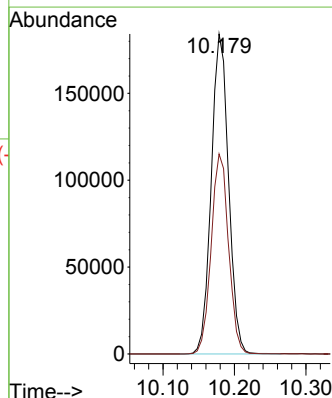
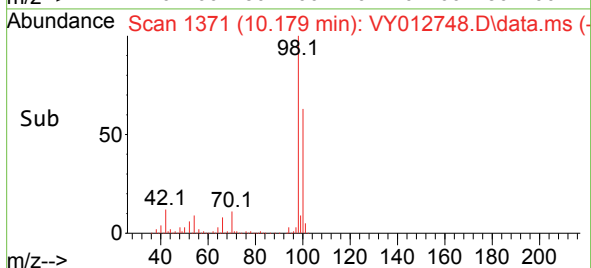
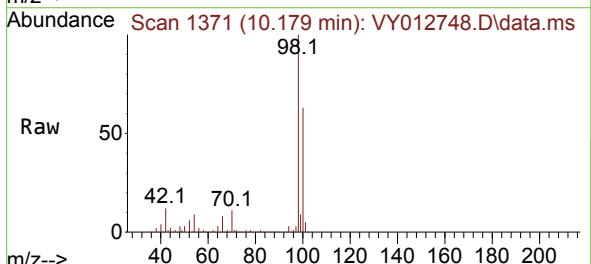


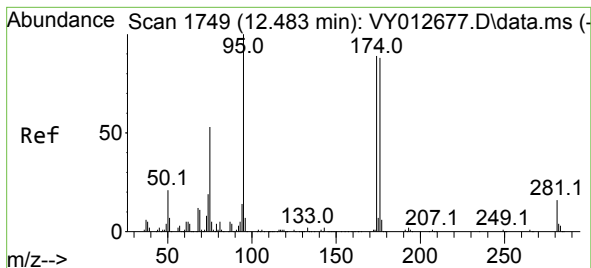
Tgt Ion:117 Resp: 12581
Ion Ratio Lower Upper
117 100
119 5.4 75.5 113.3#
121 0.0 23.8 35.8#



#50
Toluene-d8
Concen: 57.600 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.001 min
Lab File: VY012748.D
Acq: 01 Mar 2023 14:02

Tgt Ion: 98 Resp: 308915
Ion Ratio Lower Upper
98 100
100 62.8 51.2 76.8

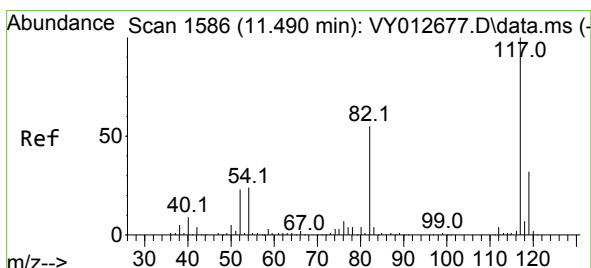
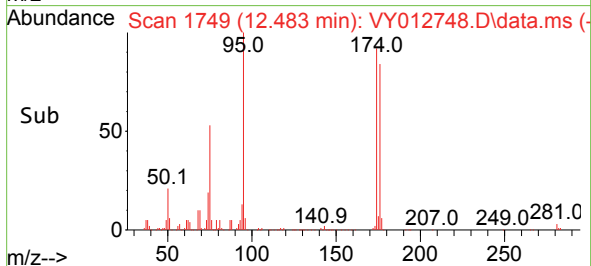
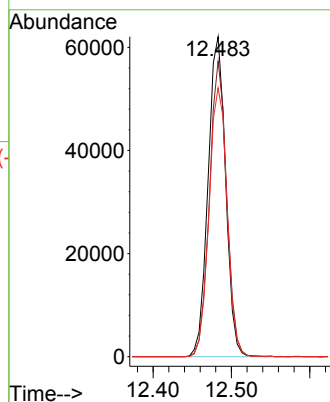
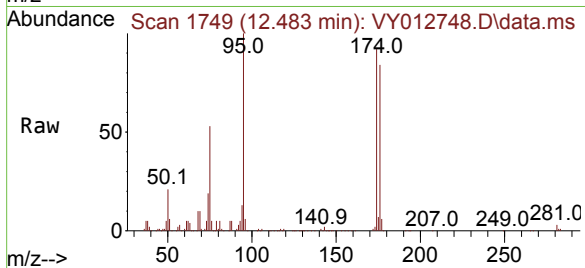




#62
4-Bromofluorobenzene
Concen: 55.976 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY012748.D
Acq: 01 Mar 2023 14:02

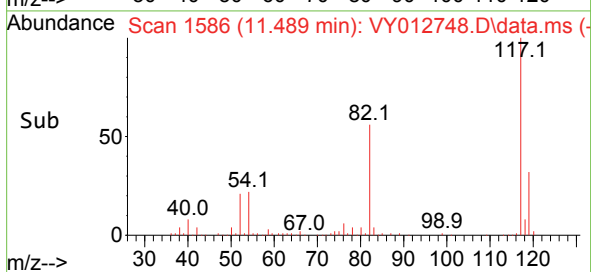
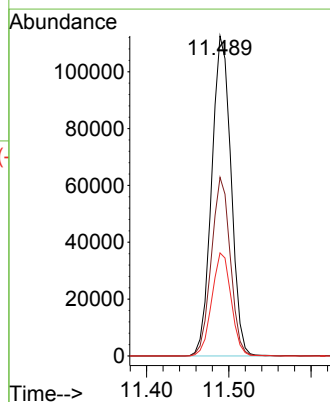
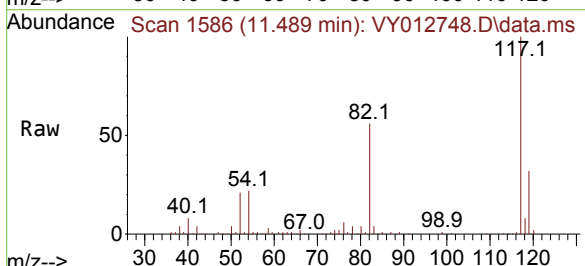
Instrument :
MSVOA_Y
ClientSampleId :
HD-01-022723

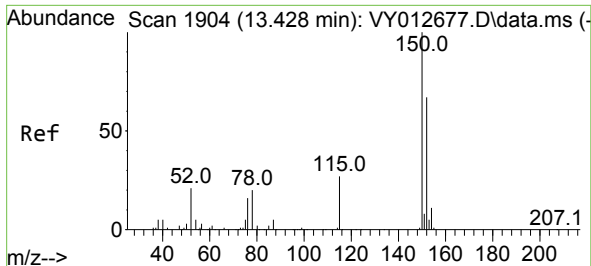
Tgt Ion:	95	Resp:	96068
Ion	Ratio	Lower	Upper
95	100		
174	91.4	0.0	172.8
176	86.8	0.0	169.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY012748.D
Acq: 01 Mar 2023 14:02

Tgt Ion:	117	Resp:	183741
Ion	Ratio	Lower	Upper
117	100		
82	55.8	44.1	66.1
119	32.2	25.5	38.3

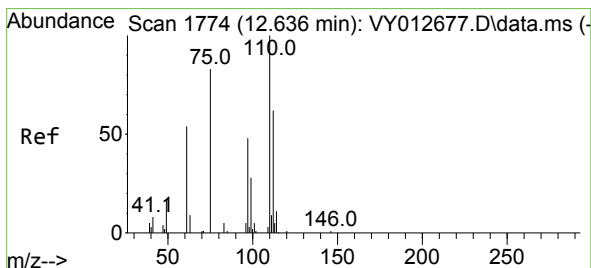
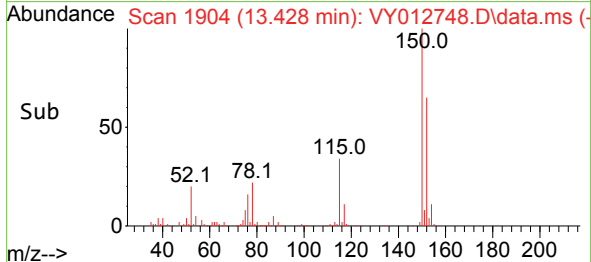
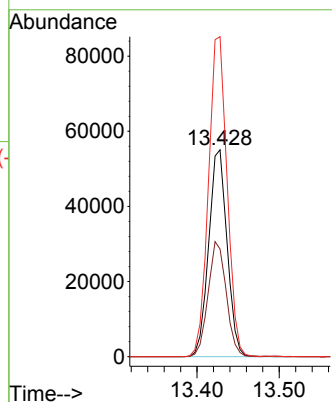
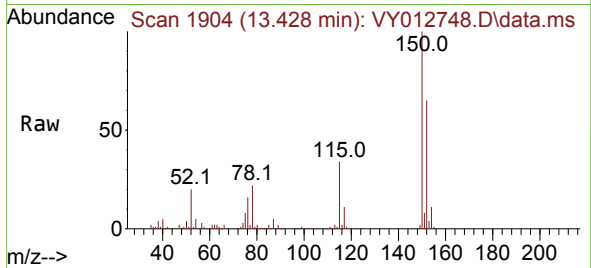




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY012748.D
 Acq: 01 Mar 2023 14:02

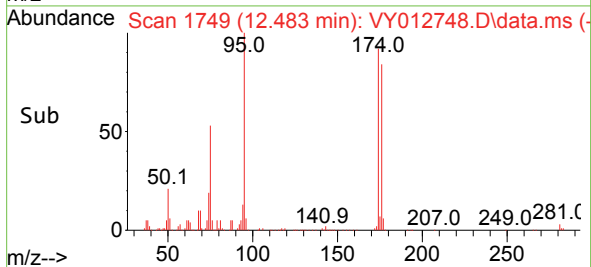
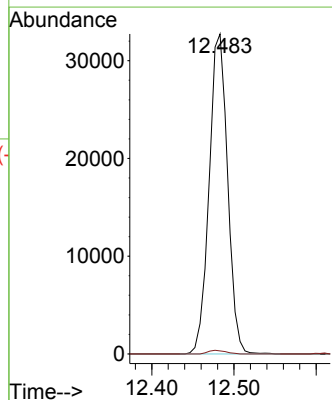
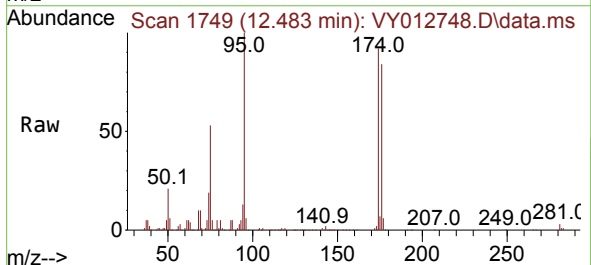
Instrument :
 MSVOA_Y
 ClientSampleId :
 HD-01-022723

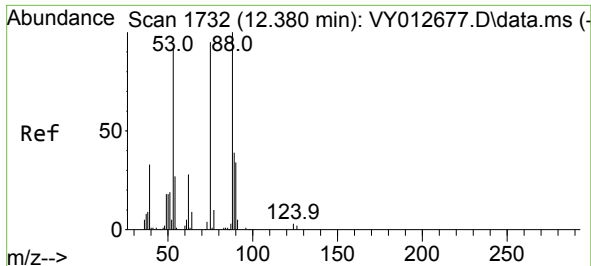
Tgt Ion:152 Resp: 85578
 Ion Ratio Lower Upper
 152 100
 115 54.8 28.7 86.3
 150 156.3 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 47.810 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.153 min
 Lab File: VY012748.D
 Acq: 01 Mar 2023 14:02

Tgt Ion: 75 Resp: 51007
 Ion Ratio Lower Upper
 75 100
 77 1.1 0.0 0.0#

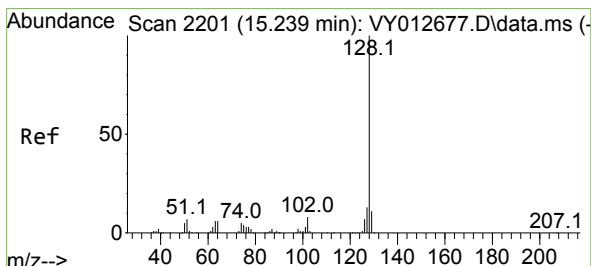
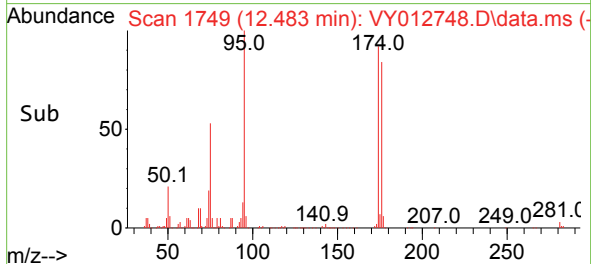
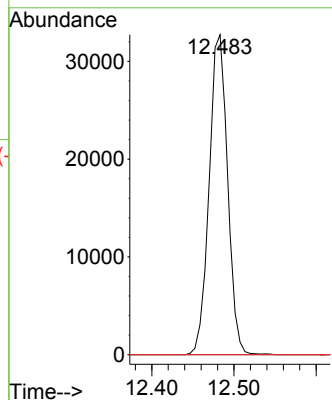
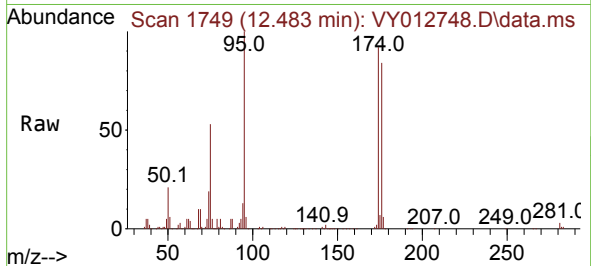




#81
trans-1,4-Dichloro-2-butene
Concen: 101.285 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY012748.D
Acq: 01 Mar 2023 14:02

Instrument :
MSVOA_Y
ClientSampleId :
HD-01-022723

Tgt Ion: 75 Resp: 51007
Ion Ratio Lower Upper
75 100
53 0.0 80.4 120.6#
89 0.0 36.5 54.7#



#95
Naphthalene
Concen: 62.104 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY012748.D
Acq: 01 Mar 2023 14:02

Tgt Ion:128 Resp: 210370
Ion Ratio Lower Upper
128 100
127 13.3 10.3 15.5
129 11.3 9.0 13.6

