

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110323\
 Data File : VY016208.D
 Acq On : 03 Nov 2023 12:26
 Operator : SY/MD
 Sample : 05206-02RE
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 03 23:01:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103123S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 01 03:33:29 2023
 Response via : Initial Calibration

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

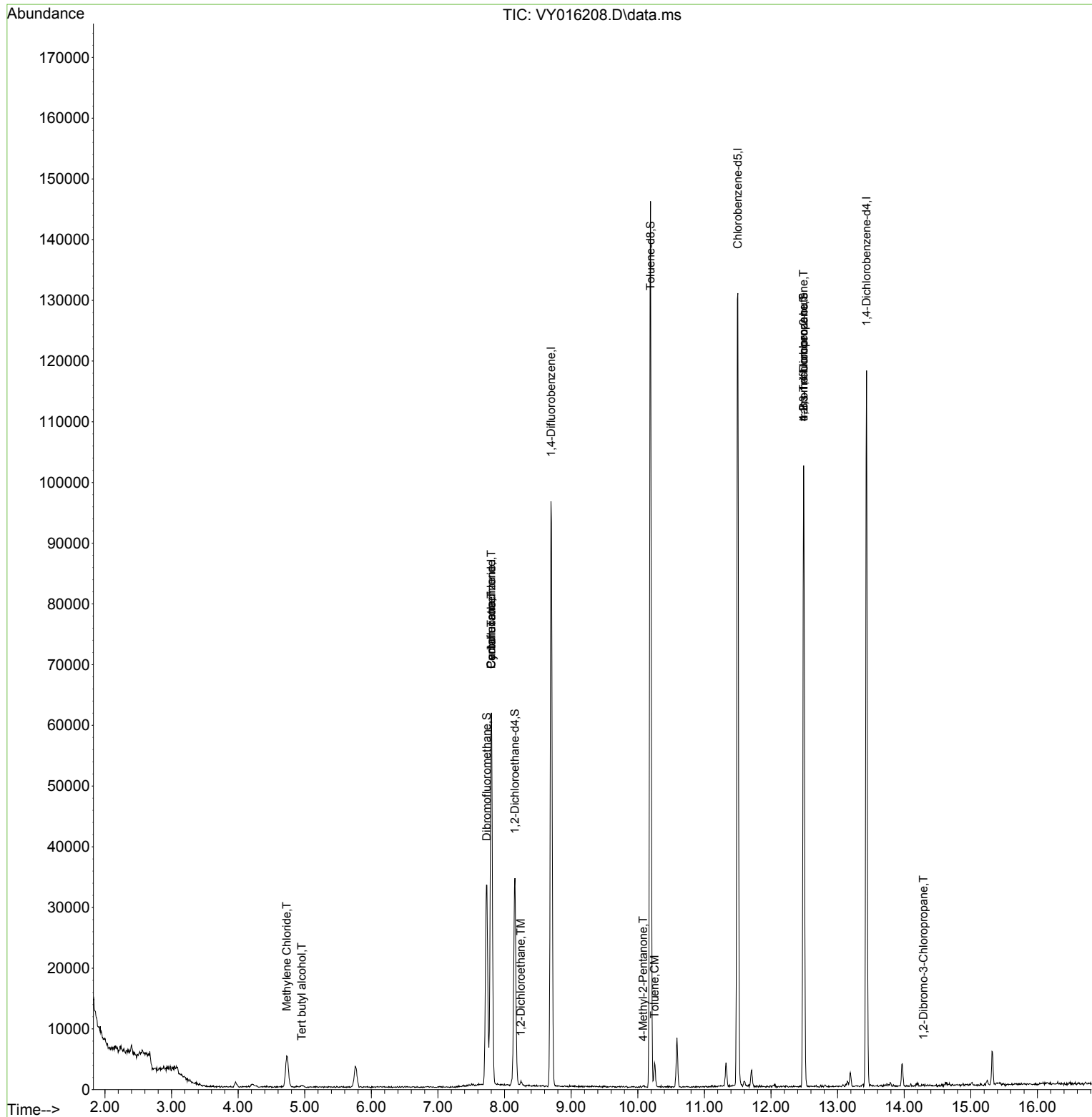
Internal Standards						
1) Pentafluorobenzene	7.801	168	49333	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	84258	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	73869	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	30652	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	26584	57.588	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.180%
35) Dibromofluoromethane	7.734	113	24331	48.437	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.880%
50) Toluene-d8	10.191	98	94468	47.433	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.860%
62) 4-Bromofluorobenzene	12.489	95	29525	43.354	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	86.700%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.954	59	366	10.612	ug/l #	89
16) Acetone	3.960	43	1274	Below Cal	#	34
20) Methylene Chloride	4.729	84	4298	6.505	ug/l #	84
31) Cyclohexane	7.801	56	965	1.360	ug/l #	24
38) Carbon Tetrachloride	7.801	117	4729	6.581	ug/l #	15
42) 1,2-Dichloroethane	8.246	62	814	1.401	ug/l #	78
51) 4-Methyl-2-Pentanone	10.081	43	357	1.120	ug/l #	39
52) Toluene	10.252	92	1793	1.329	ug/l	93
76) 1,2,3-Trichloropropane	12.489	75	16185	56.071	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	16185	121.575	ug/l #	10
92) 1,2-Dibromo-3-Chloropr...	14.288	75	80	1.222	ug/l #	3

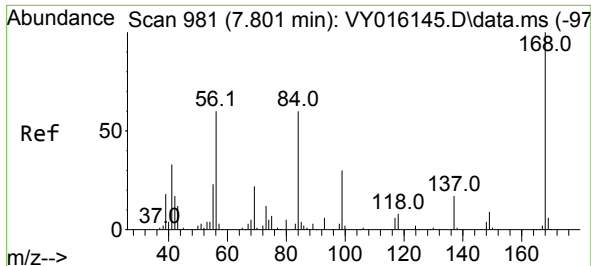
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110323\
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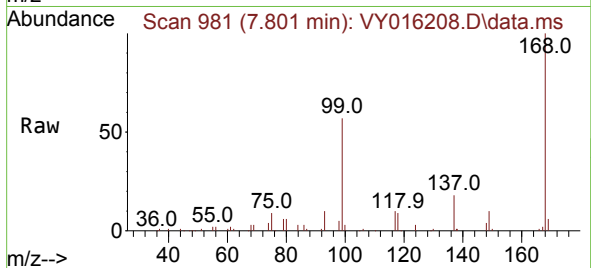
Quant Time: Nov 03 23:01:14 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103123S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 01 03:33:29 2023
Response via : Initial Calibration



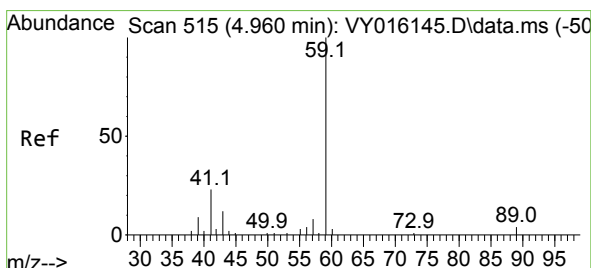
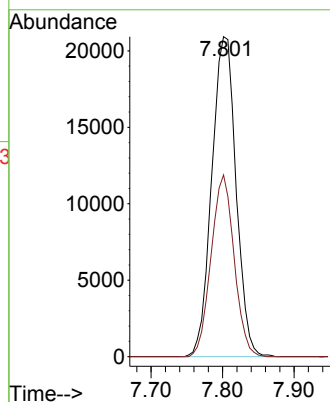
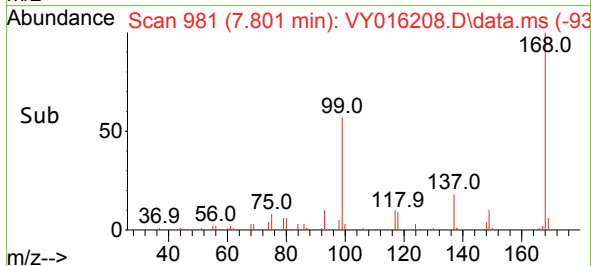


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY016208.D
Acq: 03 Nov 2023 12:26

Instrument :
MSVOA_Y
ClientSampleId :

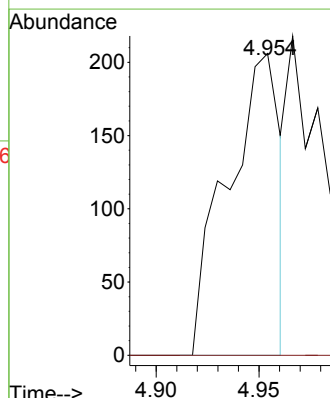
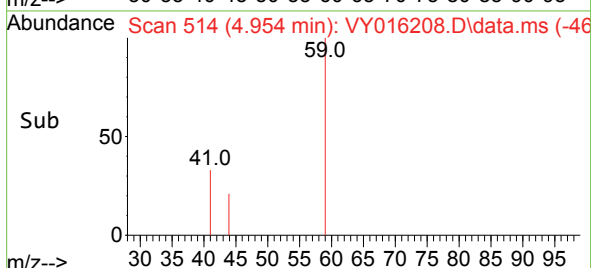
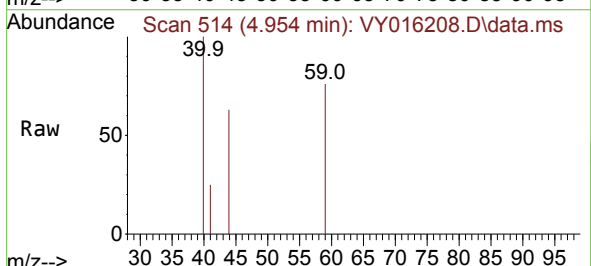


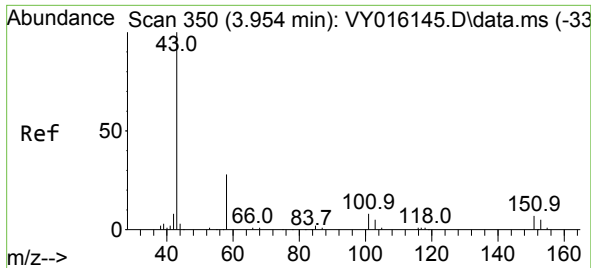
Tgt Ion:168 Resp: 49333
Ion Ratio Lower Upper
168 100
99 56.8 43.4 65.0



#11
Tert butyl alcohol
Concen: 10.612 ug/l
RT: 4.954 min Scan# 514
Delta R.T. -0.006 min
Lab File: VY016208.D
Acq: 03 Nov 2023 12:26

Tgt Ion: 59 Resp: 366
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#

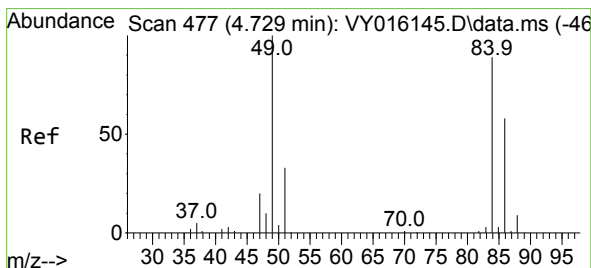
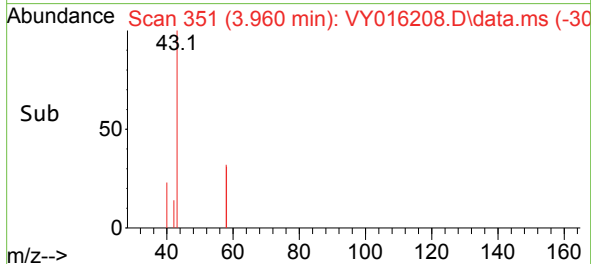
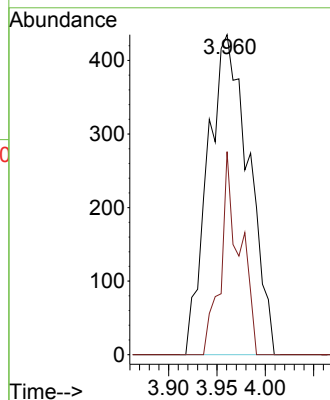
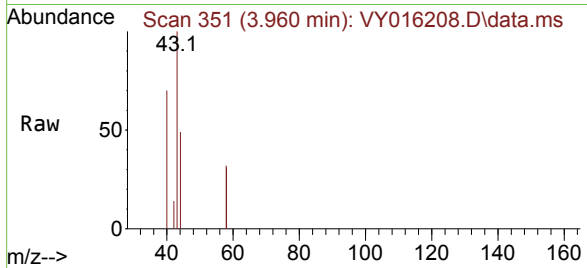




#16
Acetone
Concen: Below Cal
RT: 3.960 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY016208.D
Acq: 03 Nov 2023 12:26

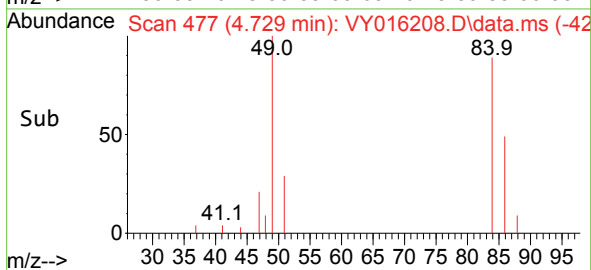
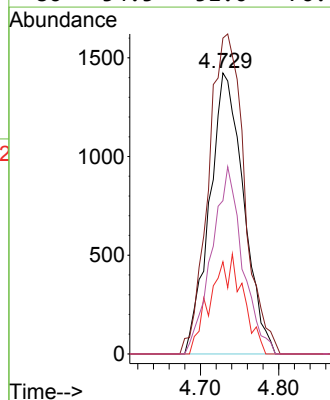
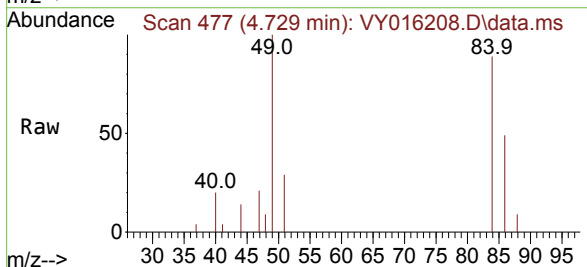
Instrument :
MSVOA_Y
ClientSampleId :

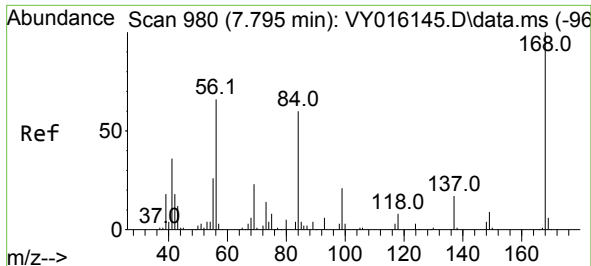
Tgt Ion: 43 Resp: 1274
Ion Ratio Lower Upper
43 100
58 63.4 22.7 34.1#



#20
Methylene Chloride
Concen: 6.505 ug/l
RT: 4.729 min Scan# 477
Delta R.T. -0.000 min
Lab File: VY016208.D
Acq: 03 Nov 2023 12:26

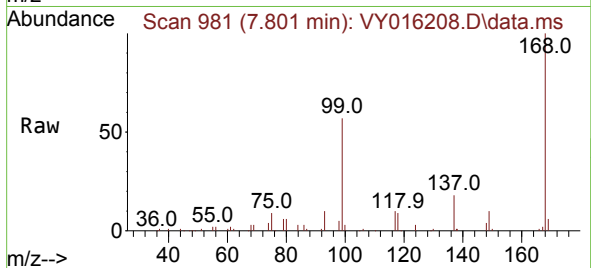
Tgt Ion: 84 Resp: 4298
Ion Ratio Lower Upper
84 100
49 112.4 106.9 160.3
51 32.8 33.2 49.8#
86 54.5 51.0 76.6



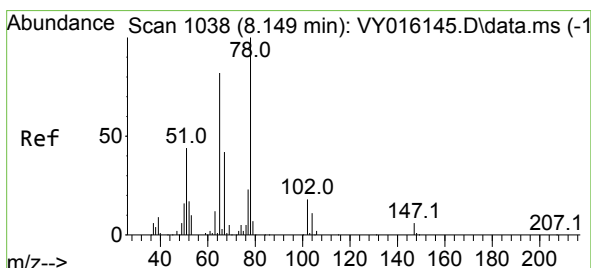
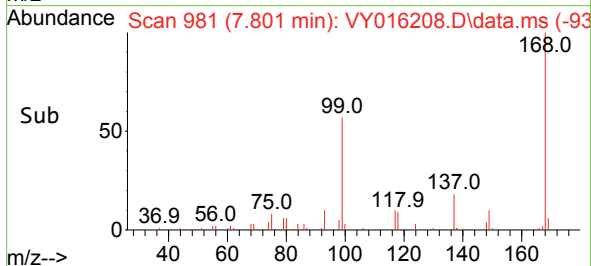
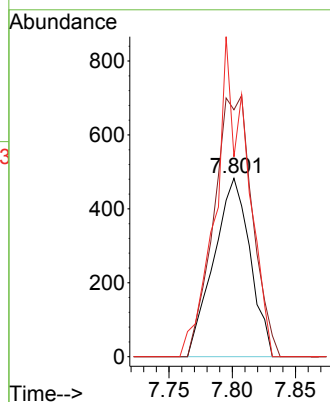


#31
Cyclohexane
Concen: 1.360 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY016208.D
Acq: 03 Nov 2023 12:26

Instrument :
MSVOA_Y
ClientSampleId :

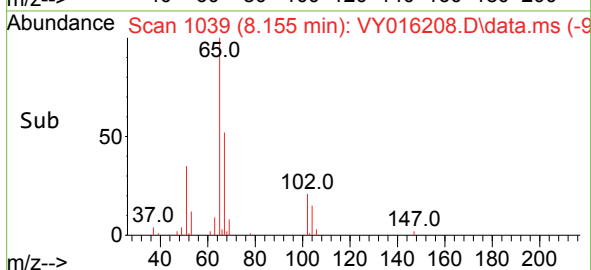
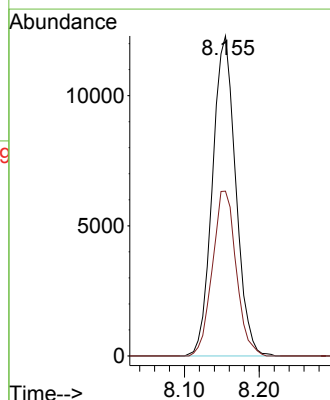
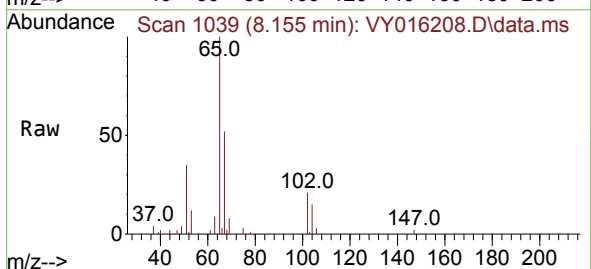


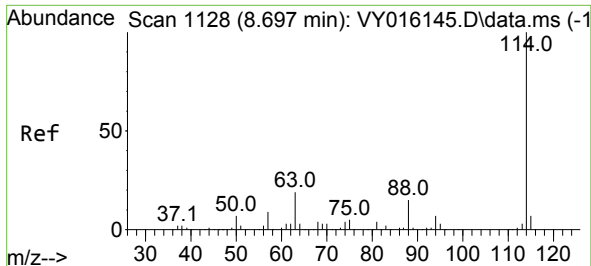
Tgt Ion: 56 Resp: 965
Ion Ratio Lower Upper
56 100
69 138.3 27.8 41.6#
84 112.0 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 57.588 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY016208.D
Acq: 03 Nov 2023 12:26

Tgt Ion: 65 Resp: 26584
Ion Ratio Lower Upper
65 100
67 52.7 0.0 101.8

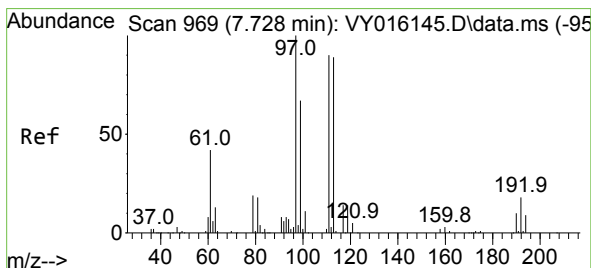
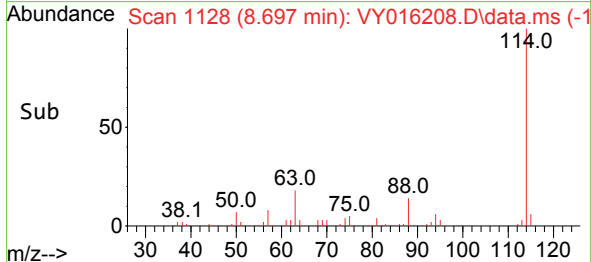
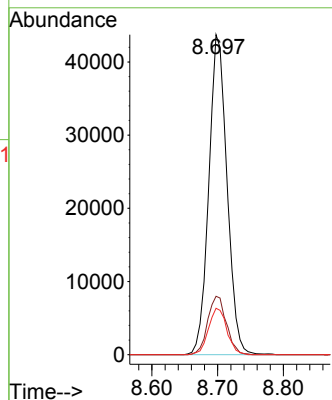
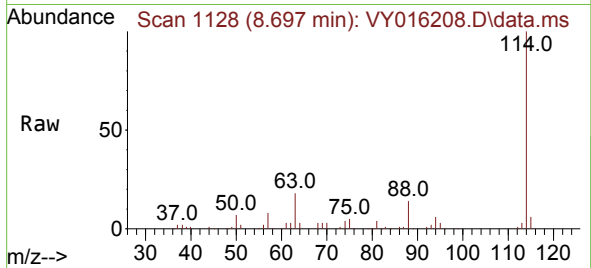




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY016208.D
Acq: 03 Nov 2023 12:26

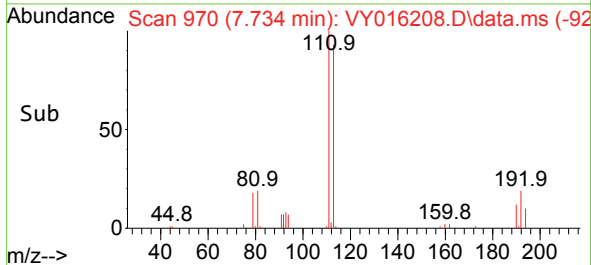
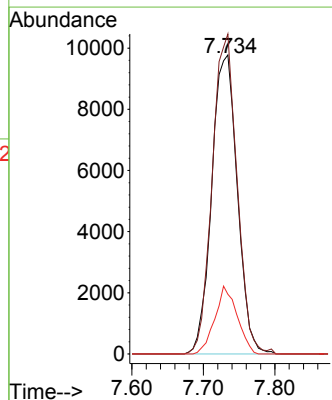
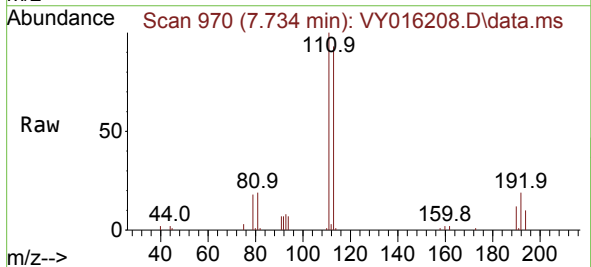
Instrument :
MSVOA_Y
ClientSampleId :

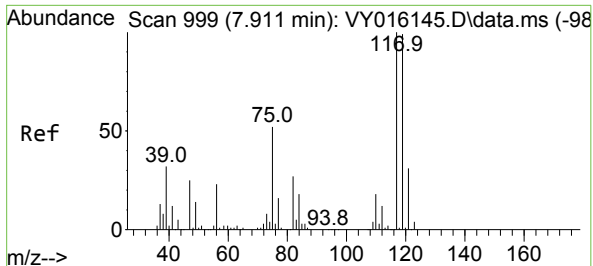
Tgt Ion:114 Resp: 84258
Ion Ratio Lower Upper
114 100
63 18.2 0.0 42.4
88 14.5 0.0 30.6



#35
Dibromofluoromethane
Concen: 48.437 ug/l
RT: 7.734 min Scan# 970
Delta R.T. 0.006 min
Lab File: VY016208.D
Acq: 03 Nov 2023 12:26

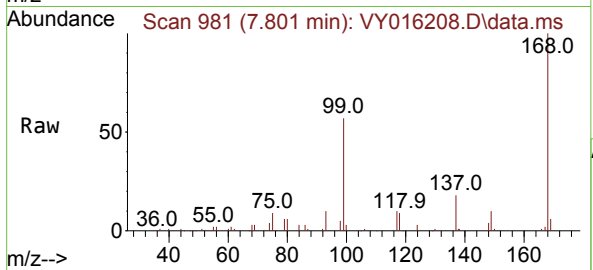
Tgt Ion:113 Resp: 24331
Ion Ratio Lower Upper
113 100
111 103.4 81.3 121.9
192 19.7 16.9 25.3



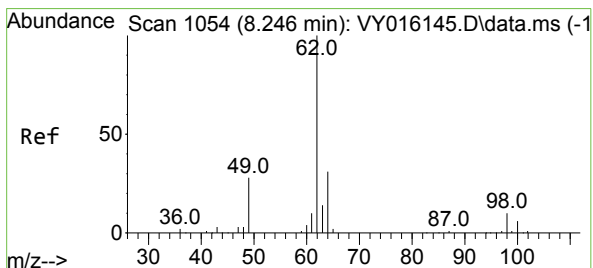
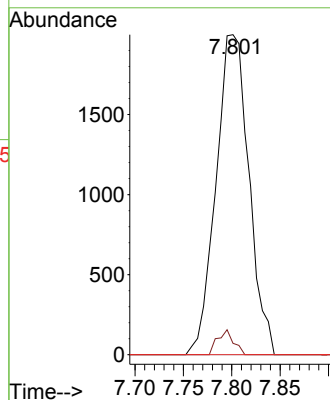
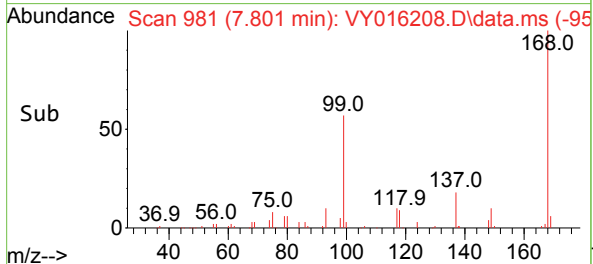


#38
Carbon Tetrachloride
Concen: 6.581 ug/l
RT: 7.801 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY016208.D
Acq: 03 Nov 2023 12:26

Instrument :
MSVOA_Y
ClientSampleId :

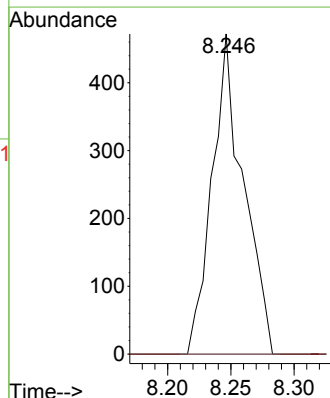
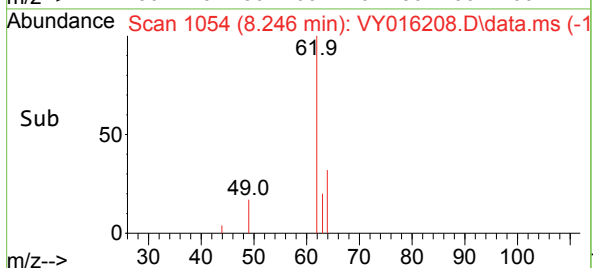
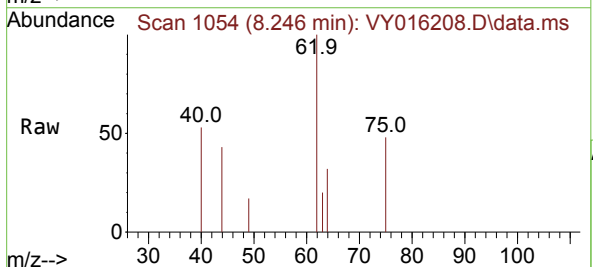


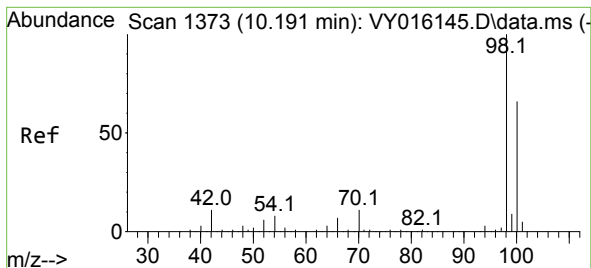
Tgt Ion:117 Resp: 4729
Ion Ratio Lower Upper
117 100
119 3.6 76.4 114.6#
121 0.0 25.8 38.6#



#42
1,2-Dichloroethane
Concen: 1.401 ug/l
RT: 8.246 min Scan# 1054
Delta R.T. 0.000 min
Lab File: VY016208.D
Acq: 03 Nov 2023 12:26

Tgt Ion: 62 Resp: 814
Ion Ratio Lower Upper
62 100
98 0.0 0.0 15.8





#50

Toluene-d8

Concen: 47.433 ug/l

RT: 10.191 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY016208.D

Acq: 03 Nov 2023 12:26

Instrument :

MSVOA_Y

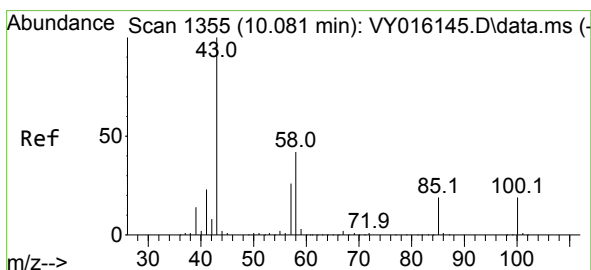
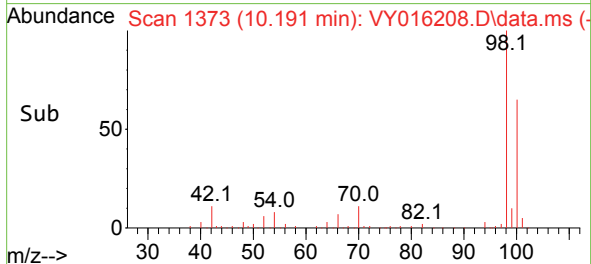
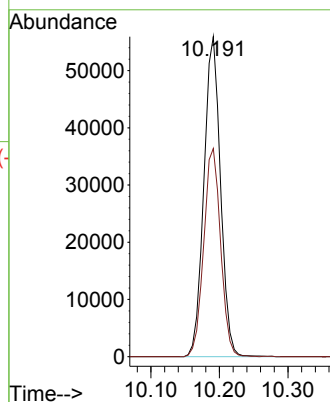
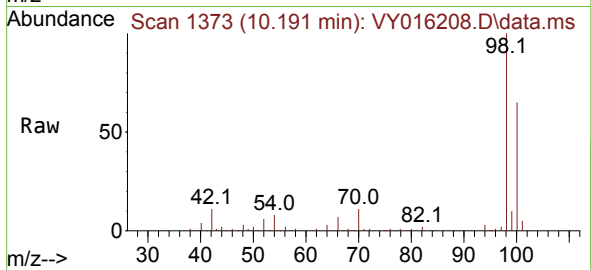
ClientSampleId :

Tgt Ion: 98 Resp: 94468

Ion Ratio Lower Upper

98 100

100 66.0 50.1 75.1



#51

4-Methyl-2-Pentanone

Concen: 1.120 ug/l

RT: 10.081 min Scan# 1355

Delta R.T. 0.000 min

Lab File: VY016208.D

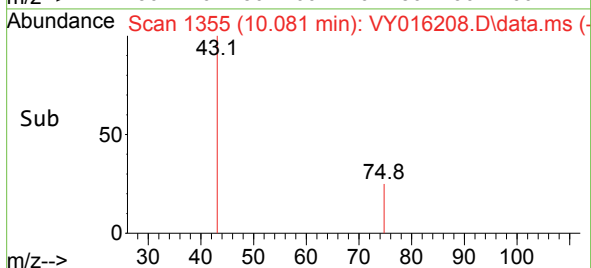
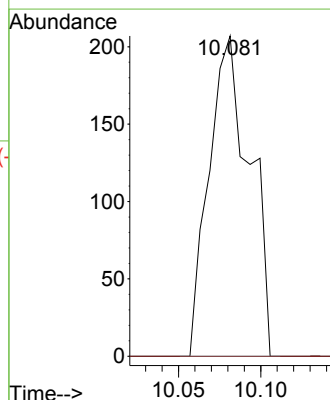
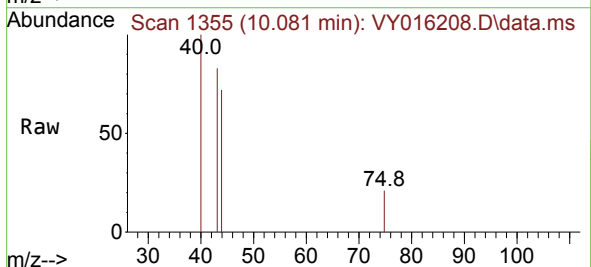
Acq: 03 Nov 2023 12:26

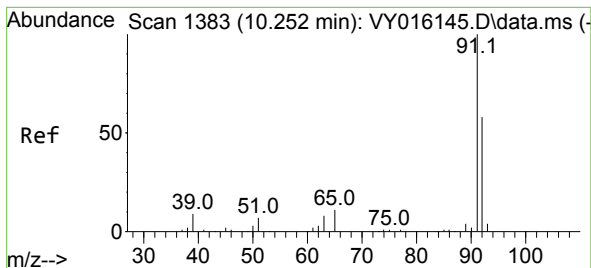
Tgt Ion: 43 Resp: 357

Ion Ratio Lower Upper

43 100

58 0.0 29.0 43.6#





#52

Toluene

Concen: 1.329 ug/l

RT: 10.252 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VY016208.D

Acq: 03 Nov 2023 12:26

Instrument :

MSVOA_Y

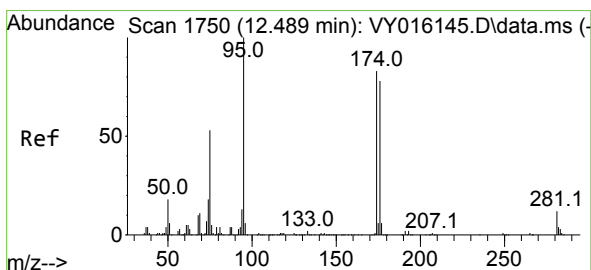
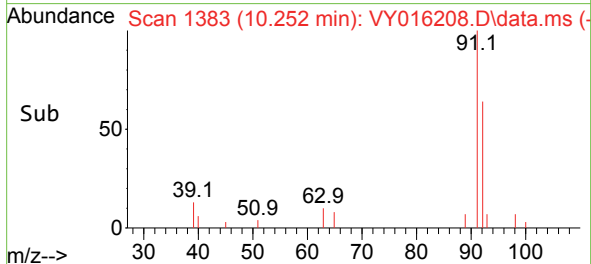
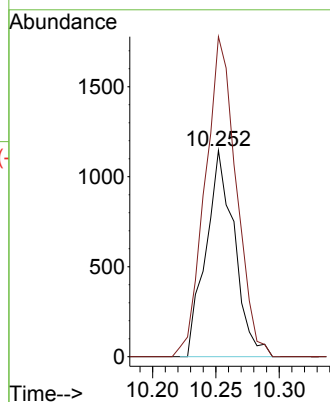
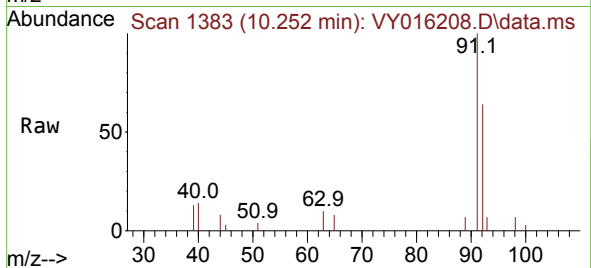
ClientSampleId :

Tgt Ion: 92 Resp: 1793

Ion Ratio Lower Upper

92 100

91 169.9 143.8 215.6



#62

4-Bromofluorobenzene

Concen: 43.354 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. 0.000 min

Lab File: VY016208.D

Acq: 03 Nov 2023 12:26

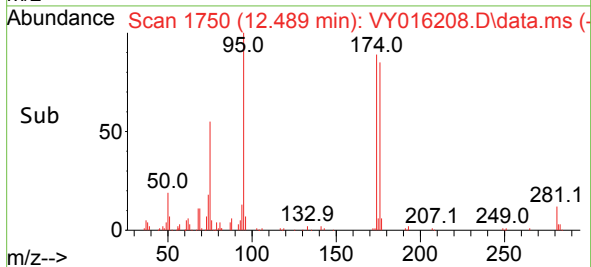
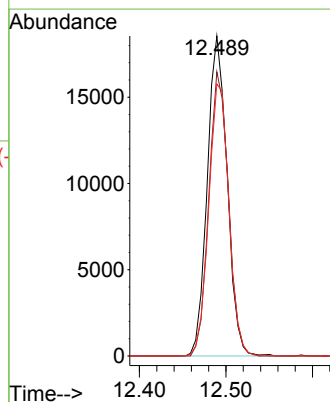
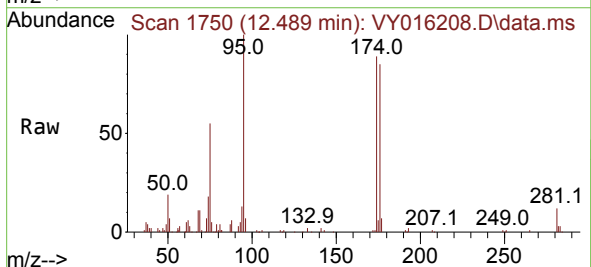
Tgt Ion: 95 Resp: 29525

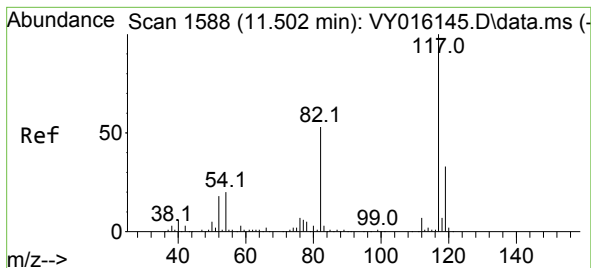
Ion Ratio Lower Upper

95 100

174 87.7 0.0 178.2

176 86.4 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.502 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY016208.D

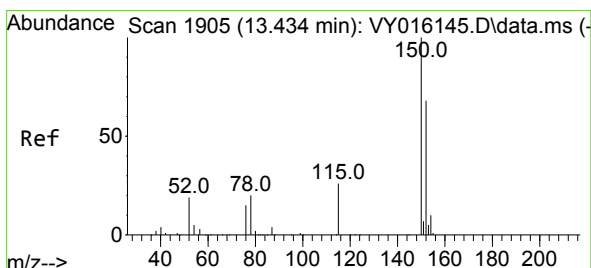
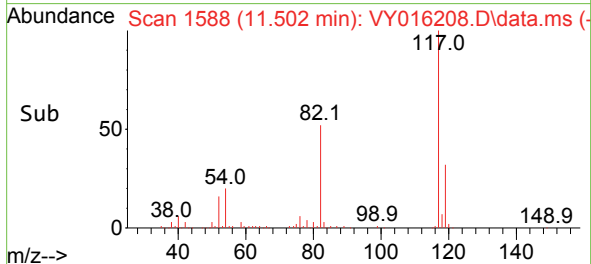
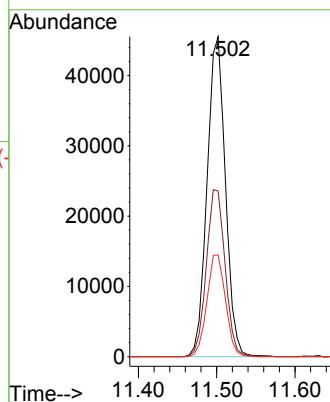
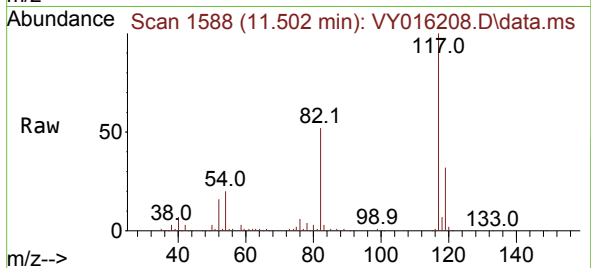
Acq: 03 Nov 2023 12:26

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	117	Resp:	73869
Ion Ratio	Lower	Upper	
117	100		
82	51.8	43.4	65.0
119	31.8	26.3	39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

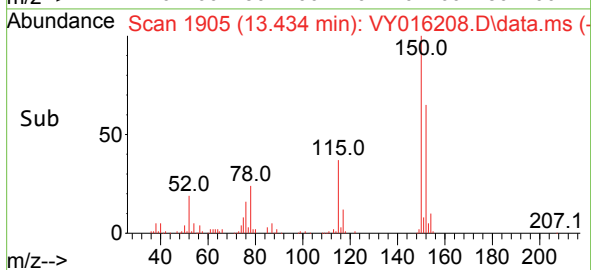
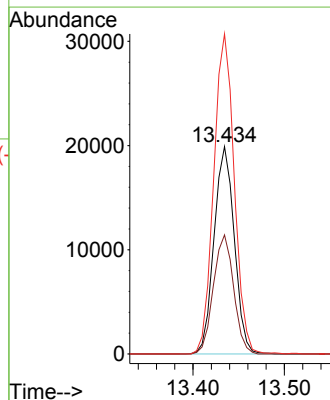
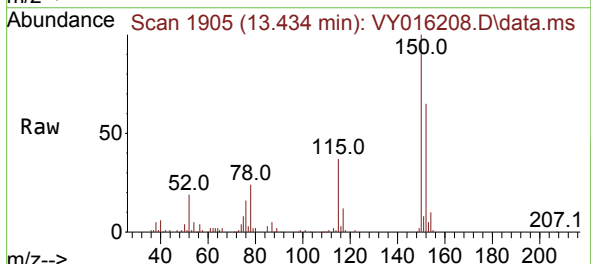
RT: 13.434 min Scan# 1905

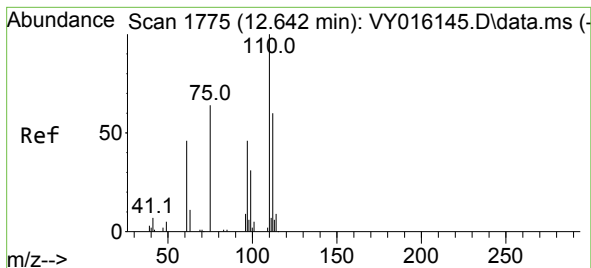
Delta R.T. 0.000 min

Lab File: VY016208.D

Acq: 03 Nov 2023 12:26

Tgt Ion:	152	Resp:	30652
Ion Ratio	Lower	Upper	
152	100		
115	57.2	28.8	86.5
150	156.2	0.0	348.8

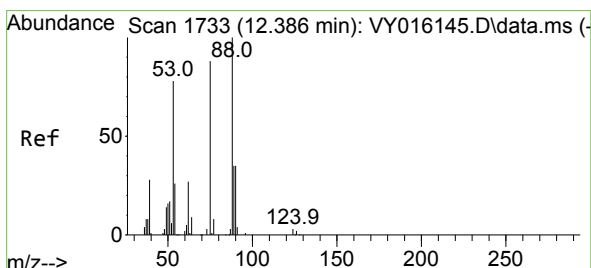
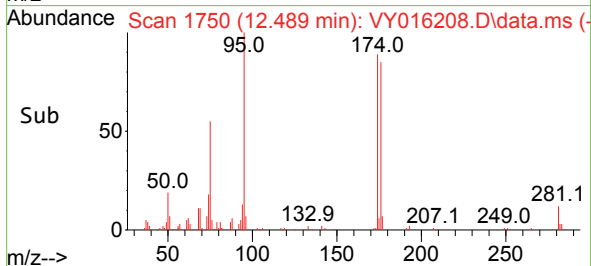
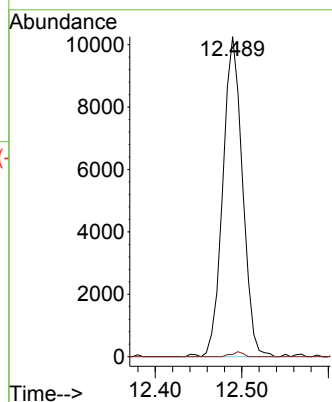
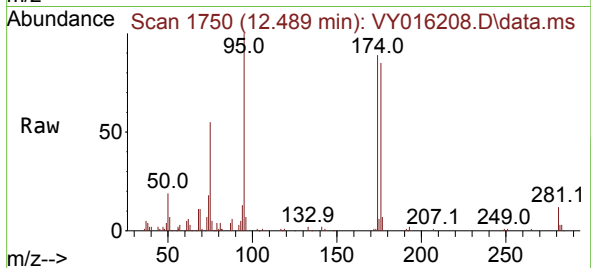




#76
1,2,3-Trichloropropane
Concen: 56.071 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.152 min
Lab File: VY016208.D
Acq: 03 Nov 2023 12:26

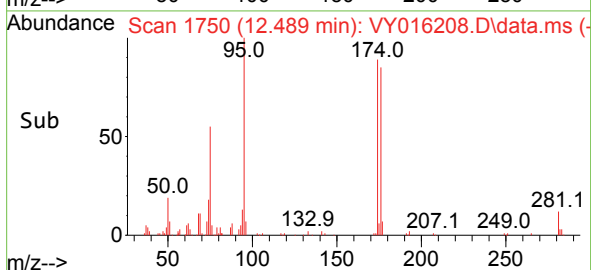
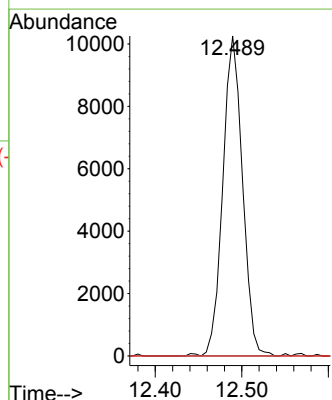
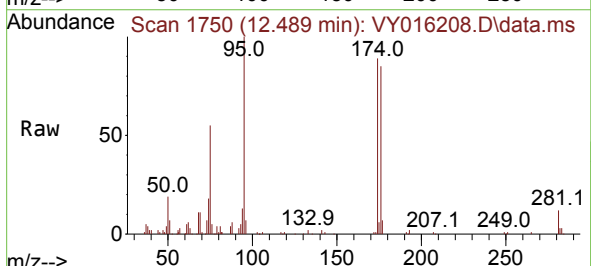
Instrument :
MSVOA_Y
ClientSampleId :

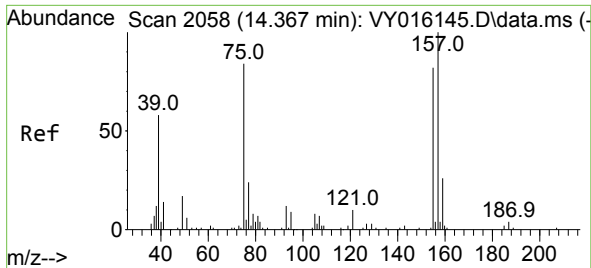
Tgt Ion: 75 Resp: 16185
Ion Ratio Lower Upper
75 100
77 0.9 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 121.575 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.104 min
Lab File: VY016208.D
Acq: 03 Nov 2023 12:26

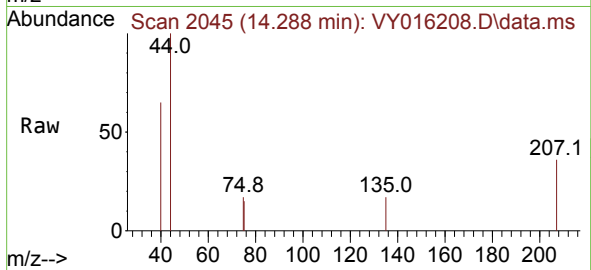
Tgt Ion: 75 Resp: 16185
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.0 37.4 56.0#





#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.222 ug/l
 RT: 14.288 min Scan# 2045
 Delta R.T. -0.079 min
 Lab File: VY016208.D
 Acq: 03 Nov 2023 12:26

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 80
 Ion Ratio Lower Upper
 75 100
 155 0.0 41.5 124.6#
 157 0.0 51.8 155.5#

