

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101923\
 Data File : VY016046.D
 Acq On : 19 Oct 2023 18:43
 Operator : SY/MD
 Sample : 04945-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 20 05:40:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 19 03:15:44 2023
 Response via : Initial Calibration

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

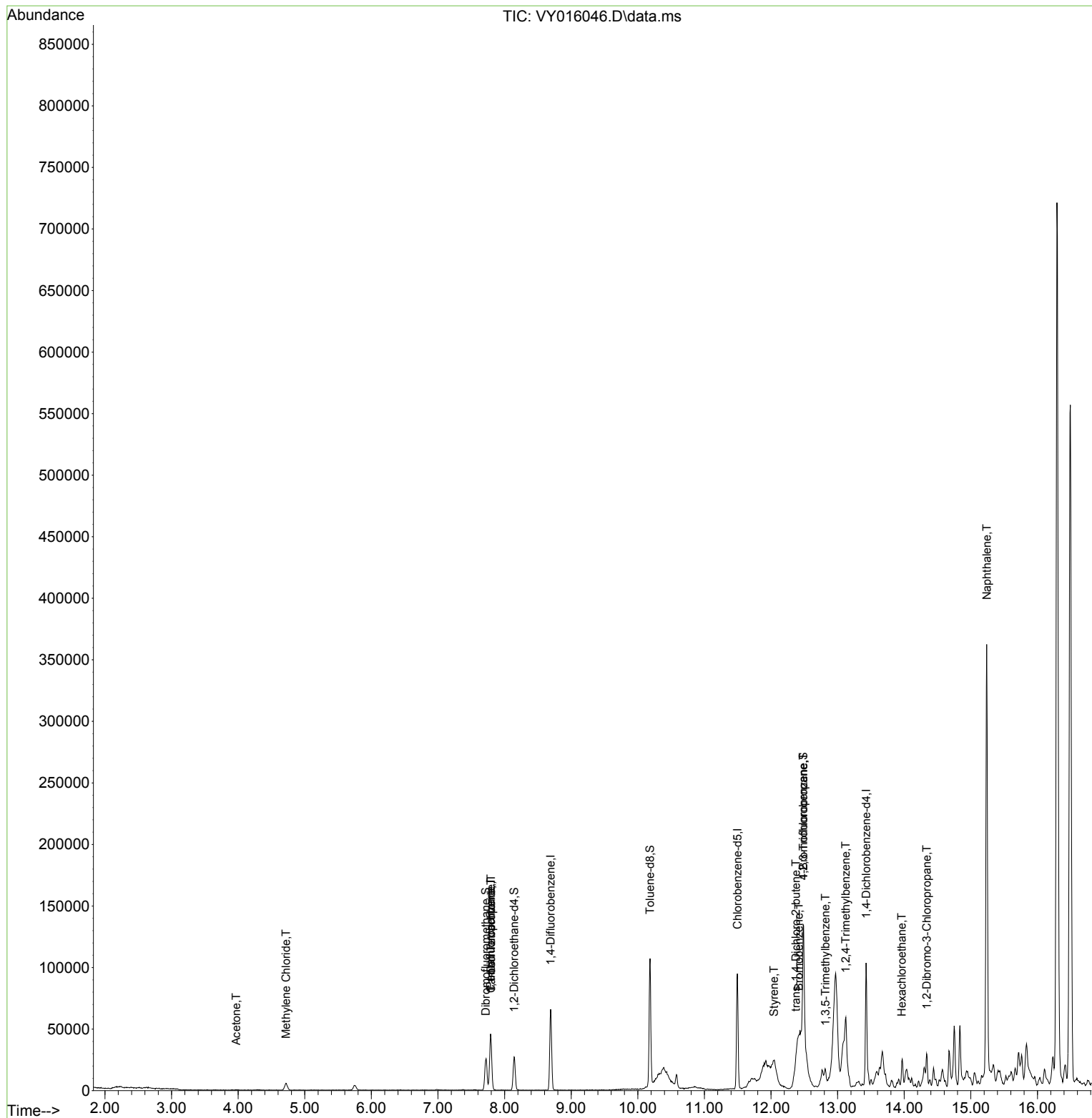
Internal Standards						
1) Pentafluorobenzene	7.789	168	35665	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	58898	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	53221	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	26213	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	21834	53.864	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.720%	
35) Dibromofluoromethane	7.716	113	19294	49.769	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.540%	
50) Toluene-d8	10.185	98	68846	48.897	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 97.800%	
62) 4-Bromofluorobenzene	12.483	95	24903	49.570	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 99.140%	
Target Compounds						
					Qvalue	
16) Acetone	3.973	43	234	1.557	ug/l #	81
20) Methylene Chloride	4.716	84	4230	9.476	ug/l #	81
36) 1,1-Dichloropropene	7.795	75	2605	4.466	ug/l #	48
38) Carbon Tetrachloride	7.795	117	3428	5.530	ug/l #	16
70) Styrene	12.044	104	4890	3.792	ug/l #	56
76) 1,2,3-Trichloropropane	12.483	75	14302	38.534	ug/l #	100
77) Bromobenzene	12.416	156	35470	74.528	ug/l #	1
80) 1,3,5-Trimethylbenzene	12.819	105	3320	2.044	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.374	75	610	3.588	ug/l #	2
84) 1,2,4-Trimethylbenzene	13.123	105	11018	6.831	ug/l	94
90) Hexachloroethane	13.965	117	1193	3.521	ug/l #	8
92) 1,2-Dibromo-3-Chloropr...	14.337	75	146	1.562	ug/l #	3
95) Naphthalene	15.239	128	297897	224.090	ug/l	99

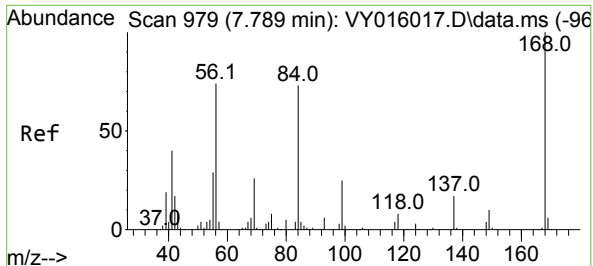
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101923\
Data File : VY016046.D
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Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

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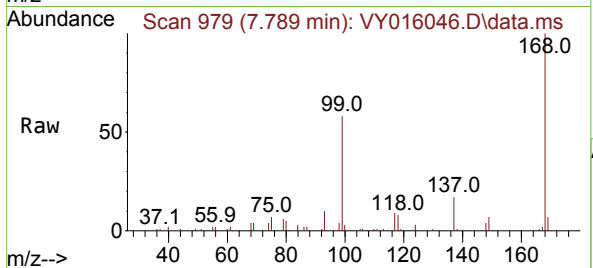
Quant Time: Oct 20 05:40:23 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101823S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 19 03:15:44 2023
Response via : Initial Calibration



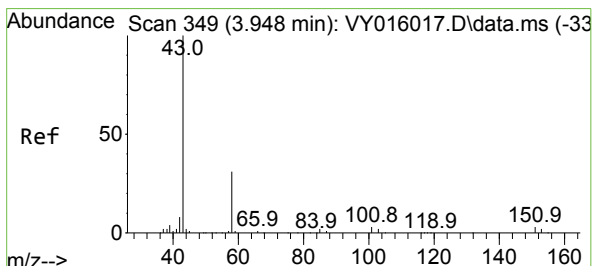
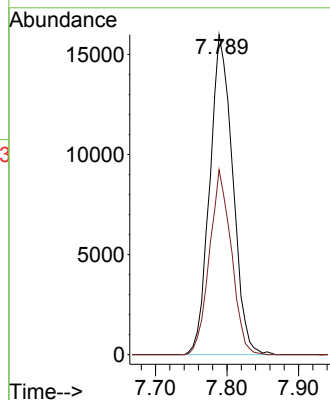
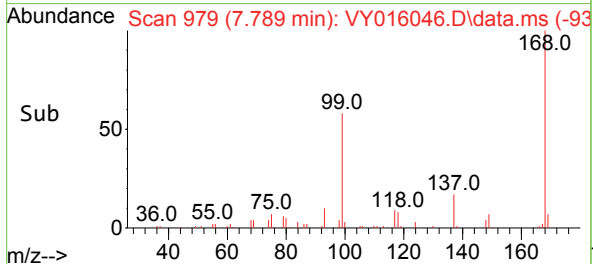


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY016046.D
Acq: 19 Oct 2023 18:43

Instrument :
MSVOA_Y
ClientSampleId :

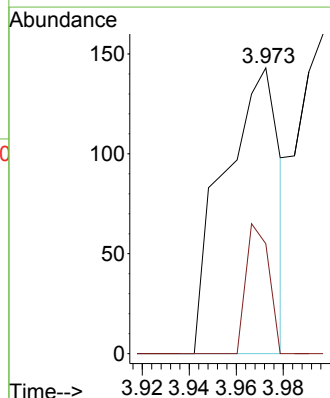
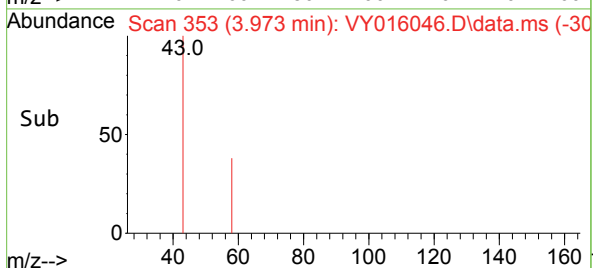
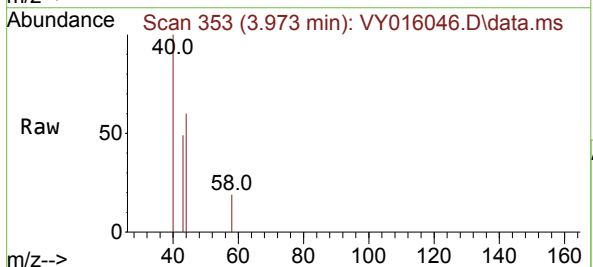


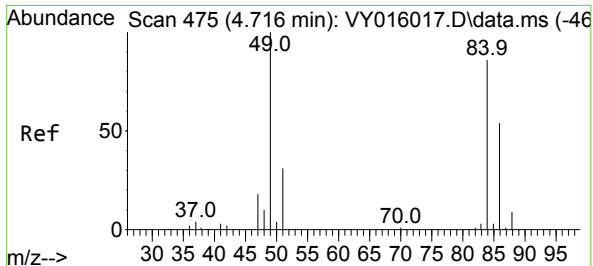
Tgt Ion:168 Resp: 35665
Ion Ratio Lower Upper
168 100
99 57.8 43.4 65.0



#16
Acetone
Concen: 1.557 ug/l
RT: 3.973 min Scan# 353
Delta R.T. 0.024 min
Lab File: VY016046.D
Acq: 19 Oct 2023 18:43

Tgt Ion: 43 Resp: 234
Ion Ratio Lower Upper
43 100
58 38.5 22.7 34.1#





#20

Methylene Chloride

Concen: 9.476 ug/l

RT: 4.716 min Scan# 41

Delta R.T. 0.000 min

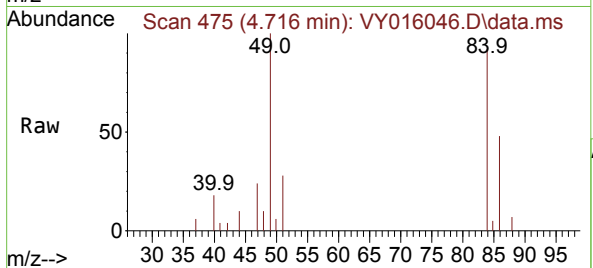
Lab File: VY016046.D

Acq: 19 Oct 2023 18:43

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 84 Resp: 4230

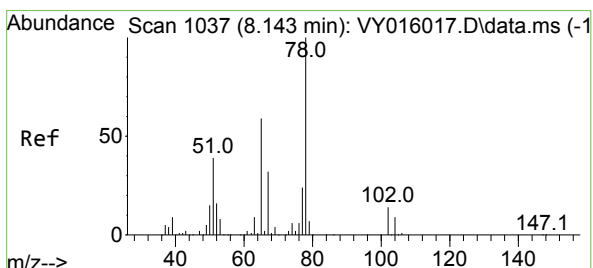
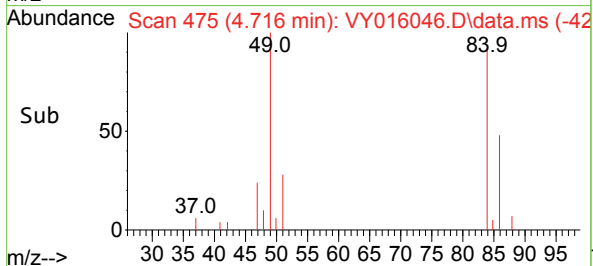
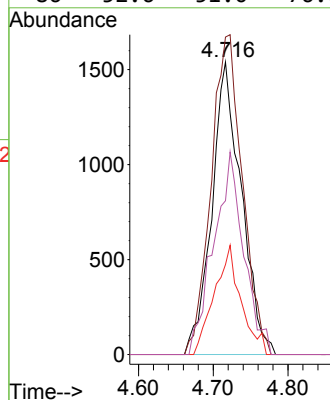
Ion Ratio Lower Upper

84 100

49 108.5 106.9 160.3

51 30.8 33.2 49.8#

86 52.6 51.0 76.6



#33

1,2-Dichloroethane-d4

Concen: 53.864 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VY016046.D

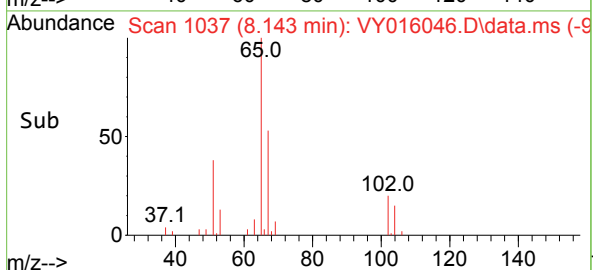
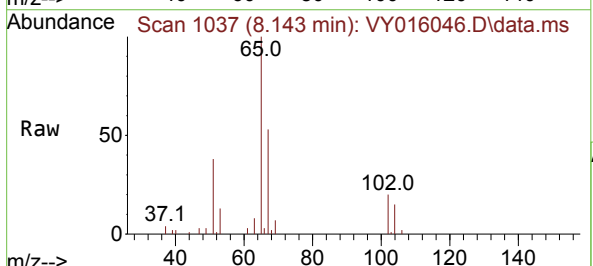
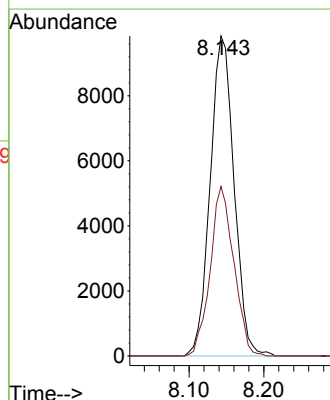
Acq: 19 Oct 2023 18:43

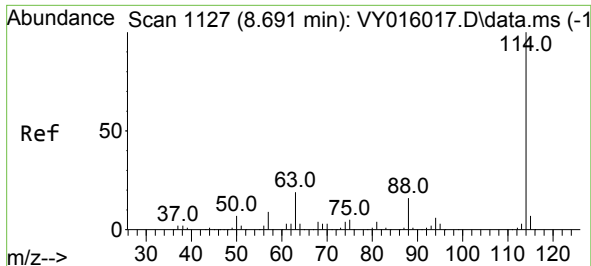
Tgt Ion: 65 Resp: 21834

Ion Ratio Lower Upper

65 100

67 52.4 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY016046.D

Acq: 19 Oct 2023 18:43

Instrument :

MSVOA_Y

ClientSampleId :

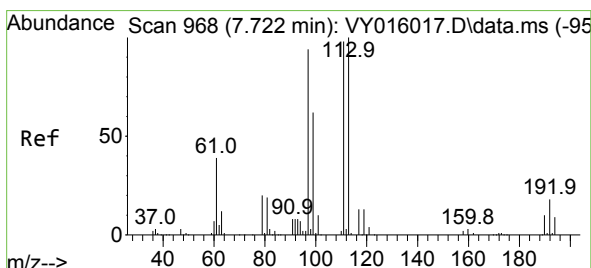
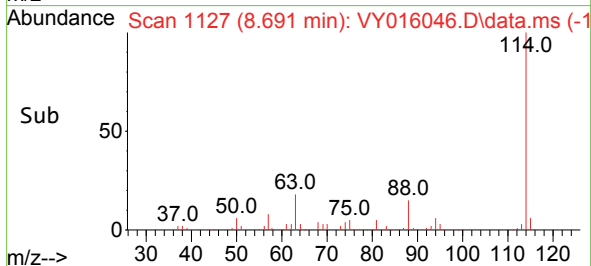
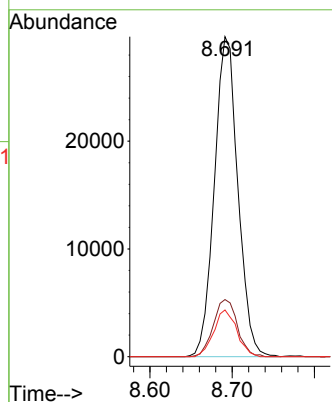
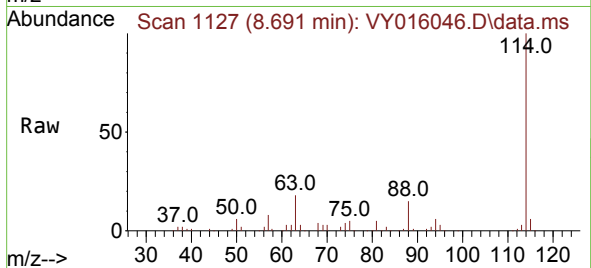
Tgt Ion:114 Resp: 58898

Ion Ratio Lower Upper

114 100

63 17.8 0.0 42.4

88 14.6 0.0 30.6



#35

Dibromofluoromethane

Concen: 49.769 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.006 min

Lab File: VY016046.D

Acq: 19 Oct 2023 18:43

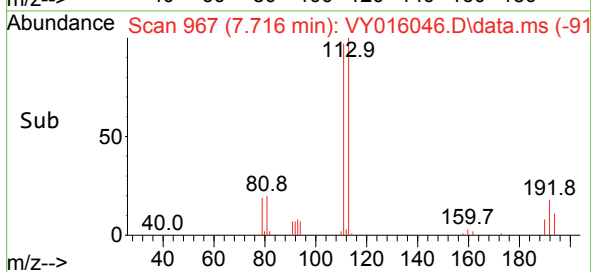
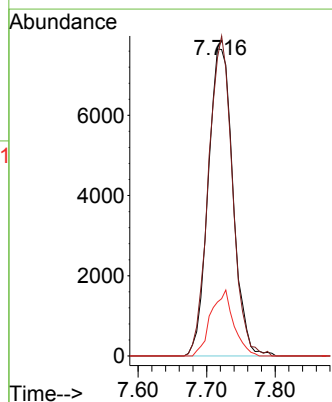
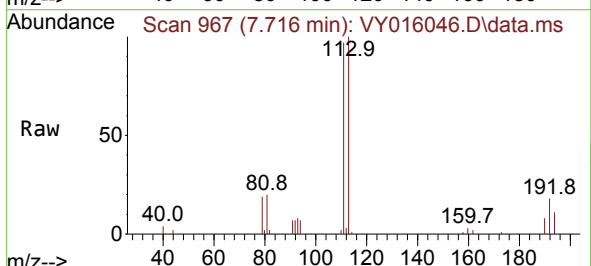
Tgt Ion:113 Resp: 19294

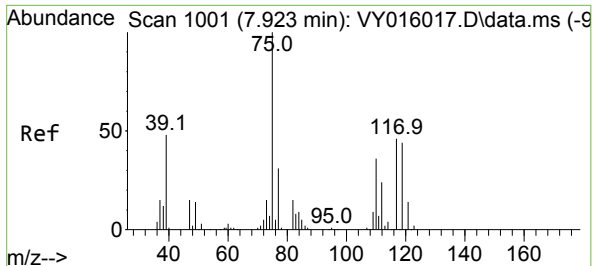
Ion Ratio Lower Upper

113 100

111 100.1 81.3 121.9

192 19.7 16.9 25.3





#36

1,1-Dichloropropene

Concen: 4.466 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.128 min

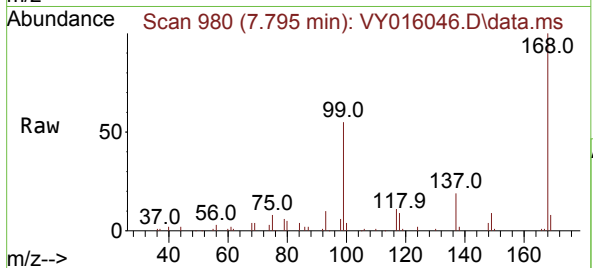
Lab File: VY016046.D

Acq: 19 Oct 2023 18:43

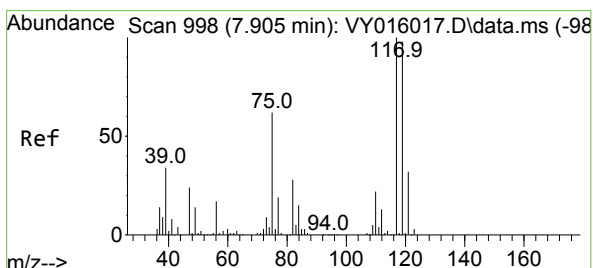
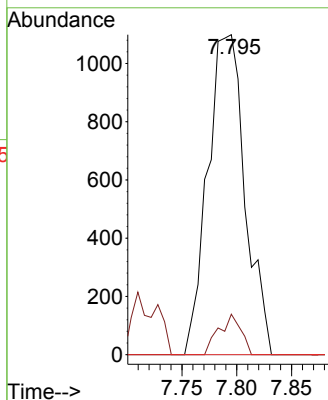
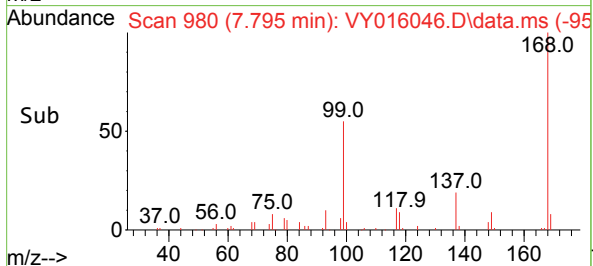
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	75	Resp:	2605
Ion	Ratio	Lower	Upper
75	100		
110	7.5	17.8	53.5#
77	0.0	24.4	36.6#



#38

Carbon Tetrachloride

Concen: 5.530 ug/l

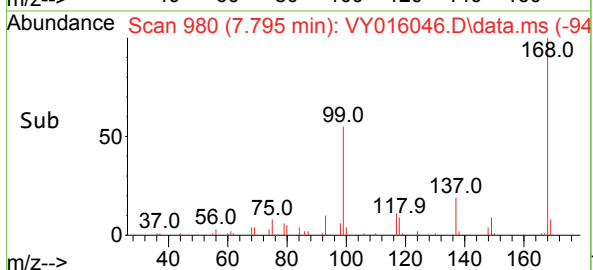
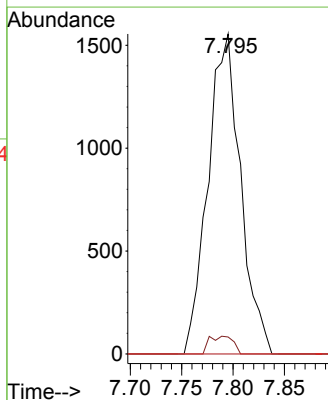
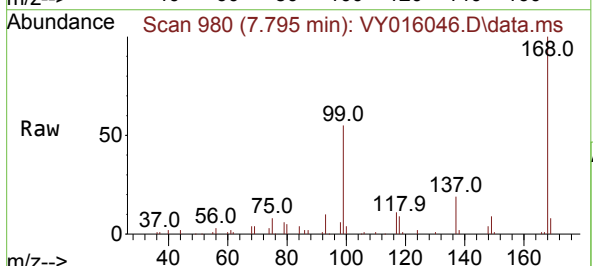
RT: 7.795 min Scan# 980

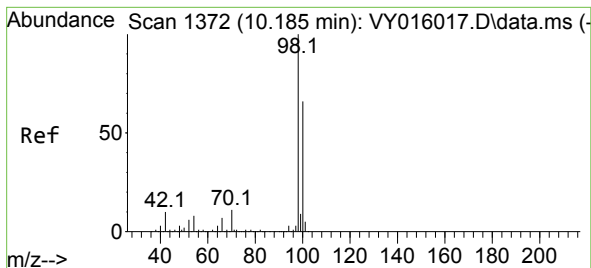
Delta R.T. -0.110 min

Lab File: VY016046.D

Acq: 19 Oct 2023 18:43

Tgt Ion:	117	Resp:	3428
Ion	Ratio	Lower	Upper
117	100		
119	5.3	76.4	114.6#
121	0.0	25.8	38.6#

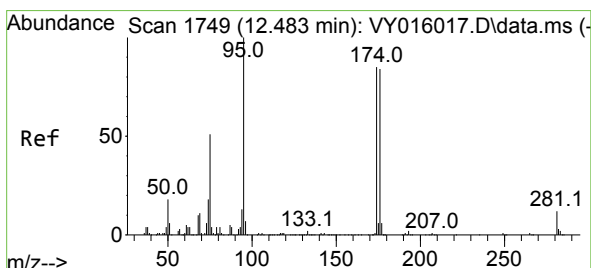
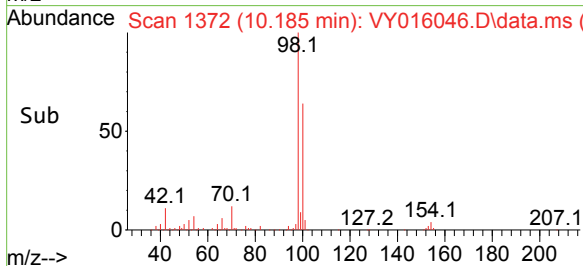
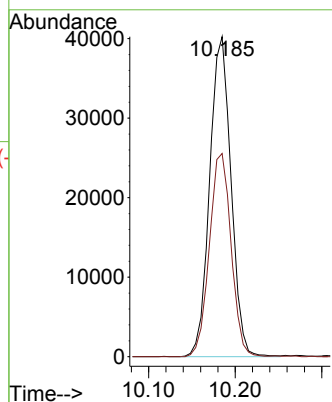
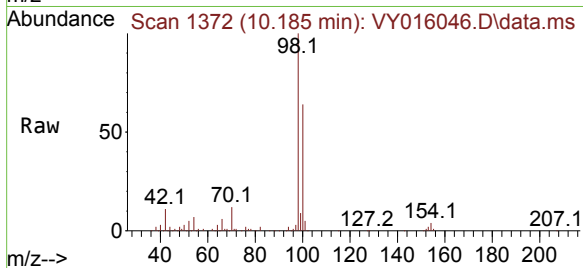




#50
Toluene-d8
Concen: 48.897 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY016046.D
Acq: 19 Oct 2023 18:43

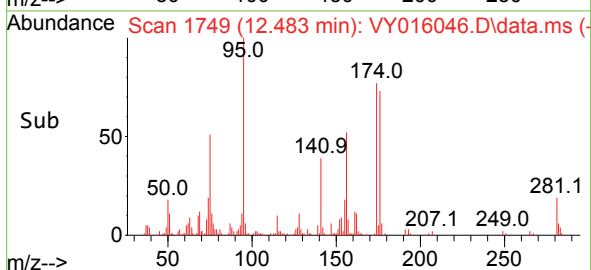
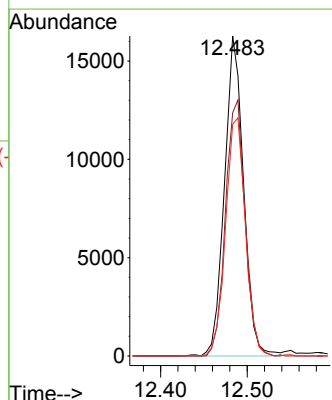
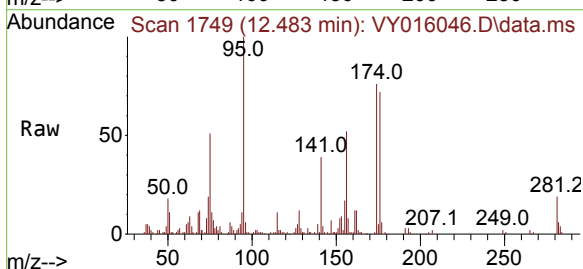
Instrument :
MSVOA_Y
ClientSampleId :

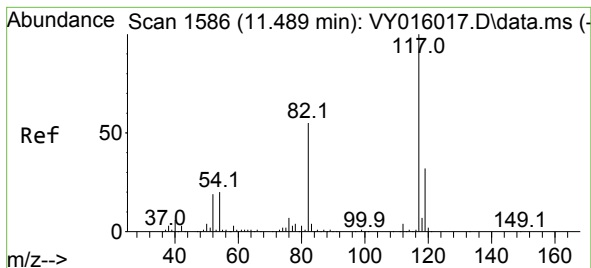
Tgt Ion: 98 Resp: 68846
Ion Ratio Lower Upper
98 100
100 64.7 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 49.570 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY016046.D
Acq: 19 Oct 2023 18:43

Tgt Ion: 95 Resp: 24903
Ion Ratio Lower Upper
95 100
174 82.6 0.0 178.2
176 77.4 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016046.D

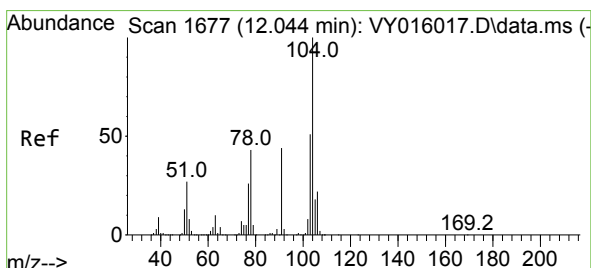
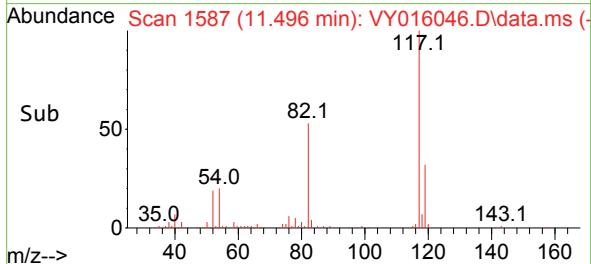
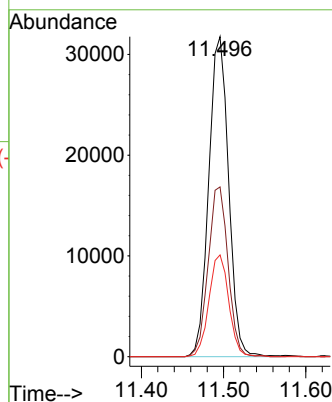
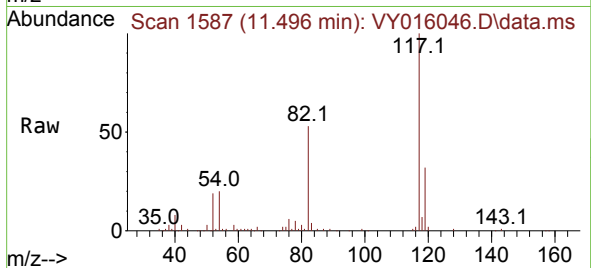
Acq: 19 Oct 2023 18:43

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	117	Resp:	53221
Ion	Ratio	Lower	Upper
117	100		
82	53.0	43.4	65.0
119	31.8	26.3	39.5



#70

Styrene

Concen: 3.792 ug/l

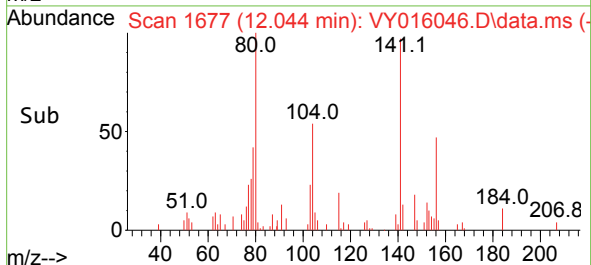
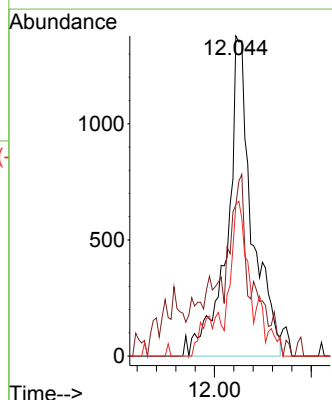
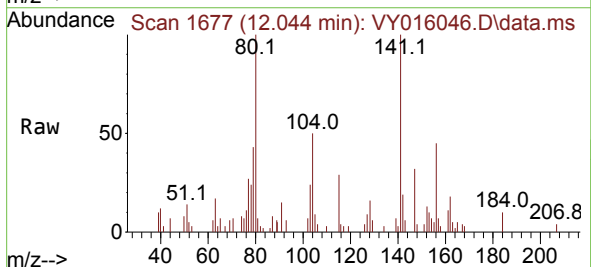
RT: 12.044 min Scan# 1677

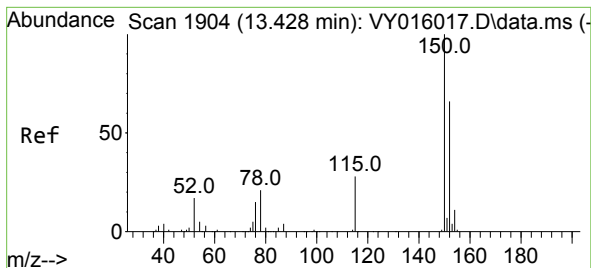
Delta R.T. 0.000 min

Lab File: VY016046.D

Acq: 19 Oct 2023 18:43

Tgt Ion:	104	Resp:	4890
Ion	Ratio	Lower	Upper
104	100		
78	20.8	41.5	62.3#
103	23.5	44.6	67.0#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY016046.D

Acq: 19 Oct 2023 18:43

Instrument :

MSVOA_Y

ClientSampleId :

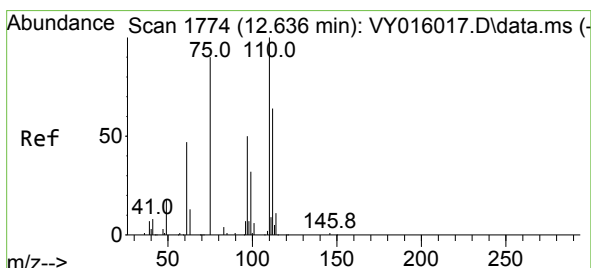
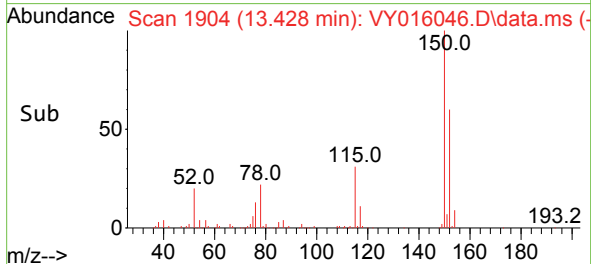
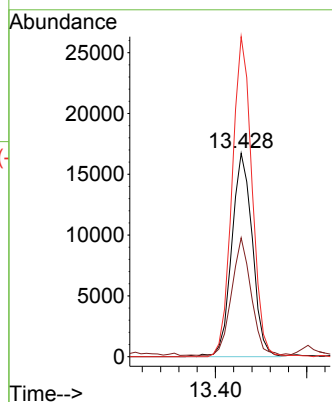
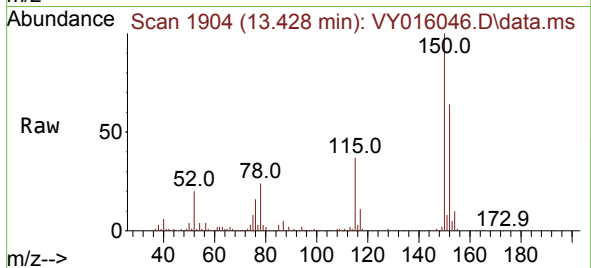
Tgt Ion:152 Resp: 26213

Ion Ratio Lower Upper

152 100

115 54.4 28.8 86.5

150 151.7 0.0 348.8



#76

1,2,3-Trichloropropane

Concen: 38.534 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.152 min

Lab File: VY016046.D

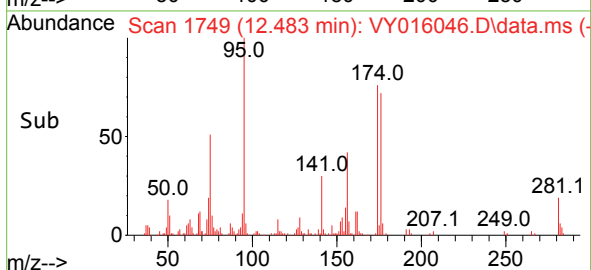
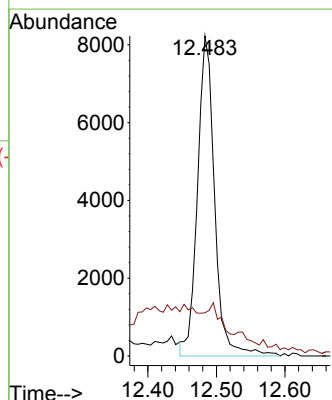
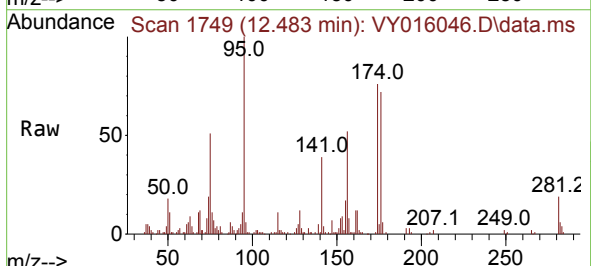
Acq: 19 Oct 2023 18:43

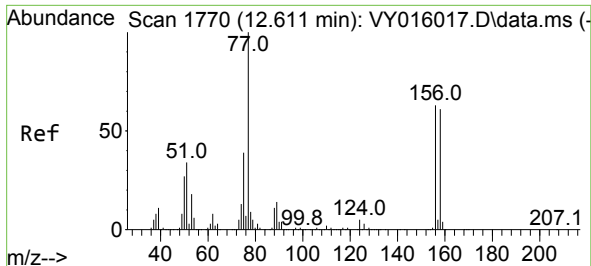
Tgt Ion: 75 Resp: 14302

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

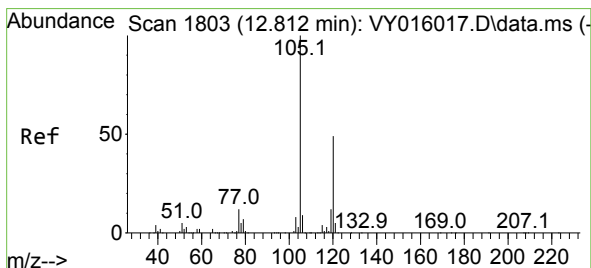
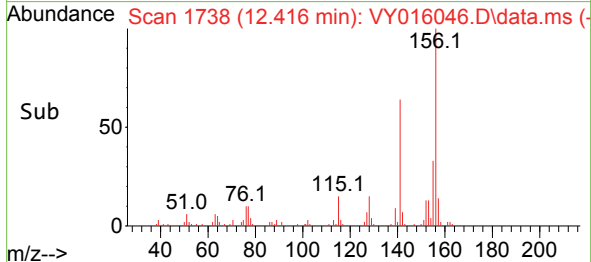
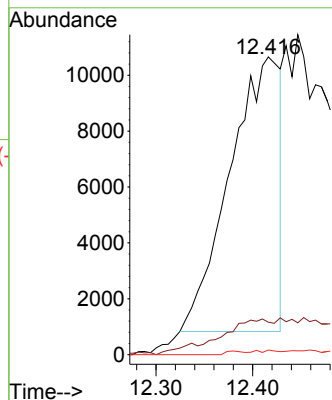
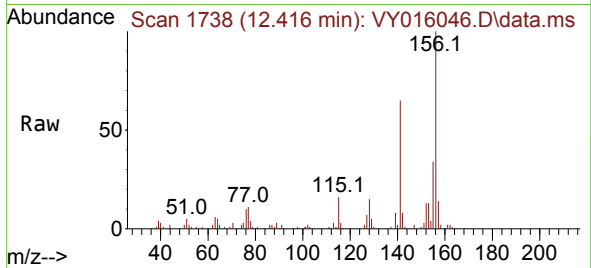




#77
Bromobenzene
Concen: 74.528 ug/l
RT: 12.416 min Scan# 11
Delta R.T. -0.195 min
Lab File: VY016046.D
Acq: 19 Oct 2023 18:43

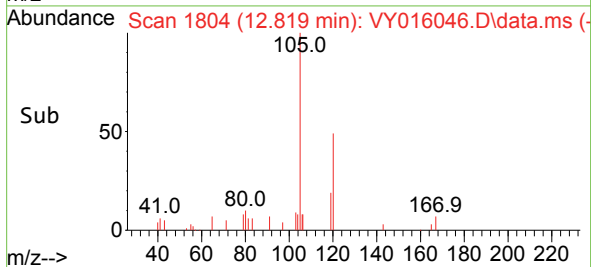
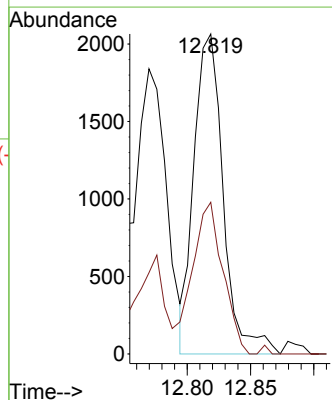
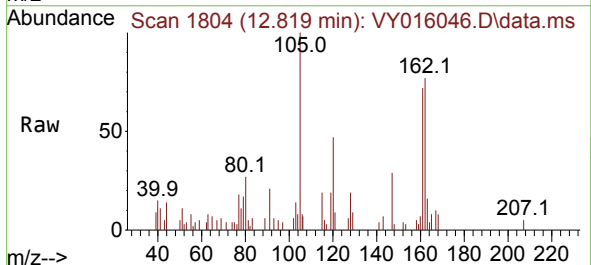
Instrument :
MSVOA_Y
ClientSampleId :

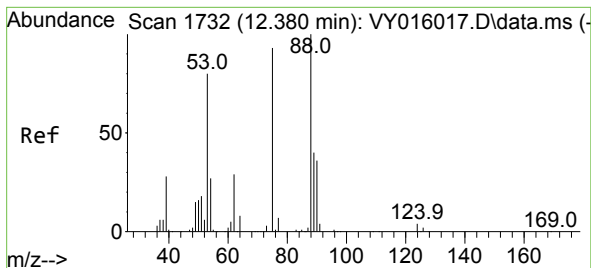
Tgt Ion:156 Resp: 35470
Ion Ratio Lower Upper
156 100
77 9.5 92.8 278.6#
158 0.3 48.4 145.3#



#80
1,3,5-Trimethylbenzene
Concen: 2.044 ug/l
RT: 12.819 min Scan# 1804
Delta R.T. 0.006 min
Lab File: VY016046.D
Acq: 19 Oct 2023 18:43

Tgt Ion:105 Resp: 3320
Ion Ratio Lower Upper
105 100
120 49.9 23.9 71.7

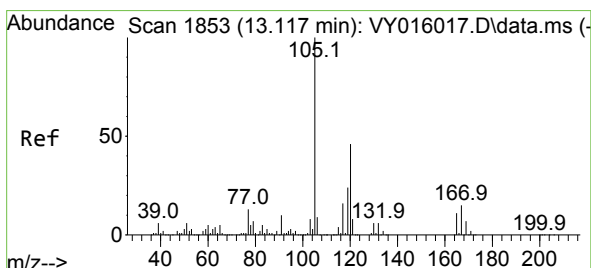
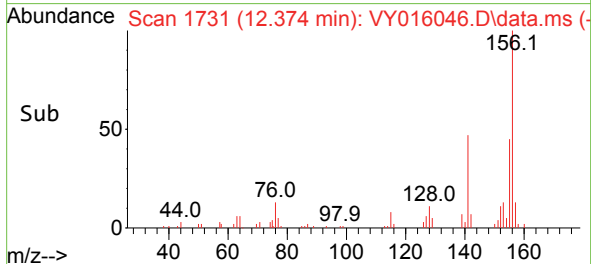
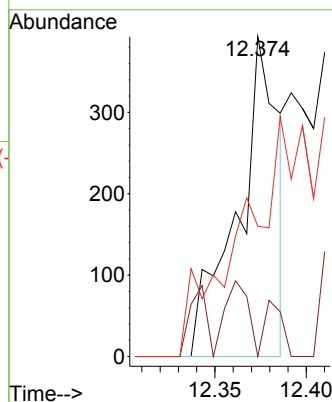
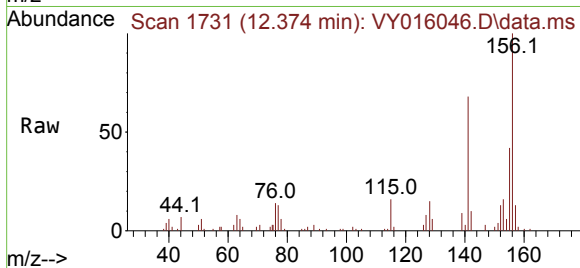




#81
trans-1,4-Dichloro-2-butene
Concen: 3.588 ug/l
RT: 12.374 min Scan# 1731
Delta R.T. -0.006 min
Lab File: VY016046.D
Acq: 19 Oct 2023 18:43

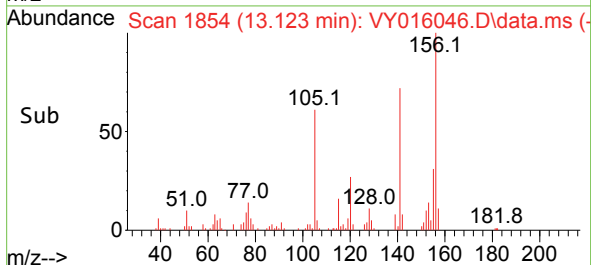
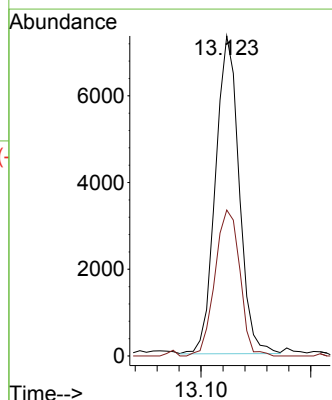
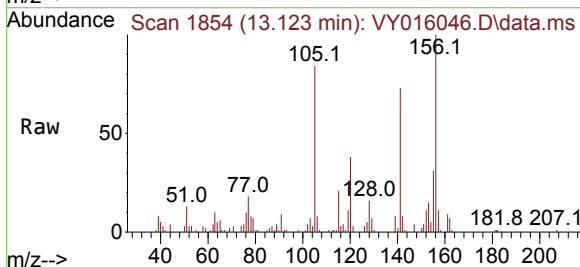
Instrument :
MSVOA_Y
ClientSampleId :

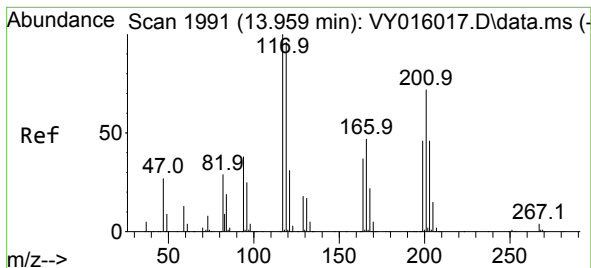
Tgt Ion: 75 Resp: 610
Ion Ratio Lower Upper
75 100
53 7.4 77.8 116.8#
89 120.8 37.4 56.0#



#84
1,2,4-Trimethylbenzene
Concen: 6.831 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VY016046.D
Acq: 19 Oct 2023 18:43

Tgt Ion: 105 Resp: 11018
Ion Ratio Lower Upper
105 100
120 48.2 22.2 66.6





#90

Hexachloroethane

Concen: 3.521 ug/l

RT: 13.965 min Scan# 1991

Delta R.T. 0.006 min

Lab File: VY016046.D

Acq: 19 Oct 2023 18:43

Instrument :

MSVOA_Y

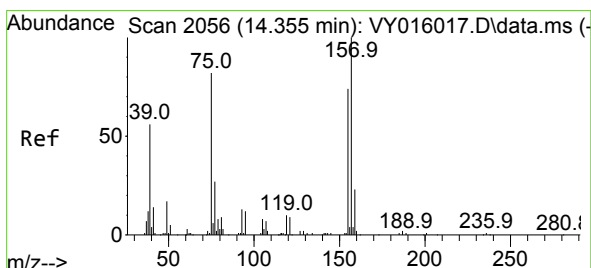
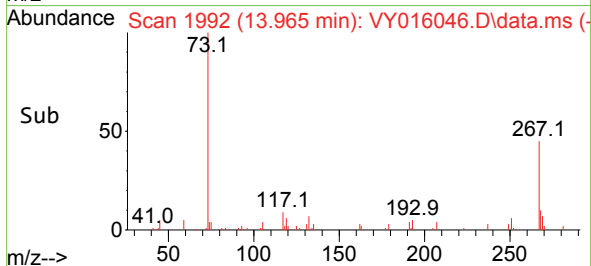
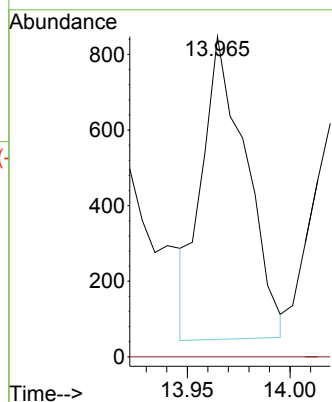
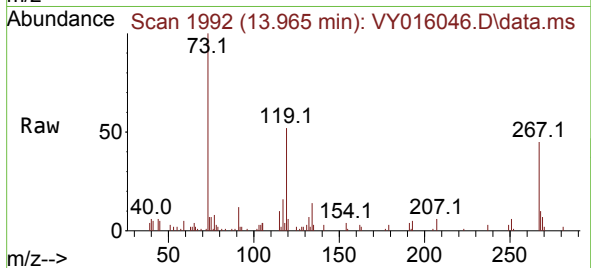
ClientSampleId :

Tgt Ion:117 Resp: 1193

Ion Ratio Lower Upper

117 100

201 0.0 41.6 124.8#



#92

1,2-Dibromo-3-Chloropropane

Concen: 1.562 ug/l

RT: 14.337 min Scan# 2053

Delta R.T. -0.018 min

Lab File: VY016046.D

Acq: 19 Oct 2023 18:43

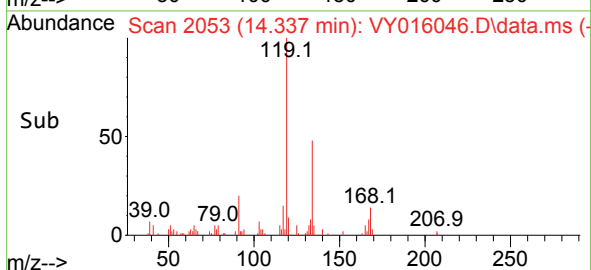
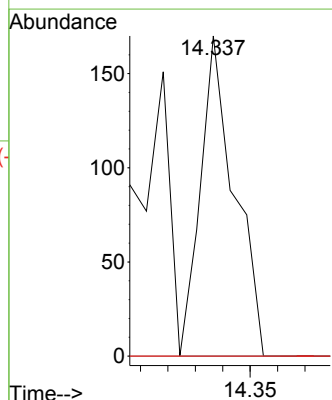
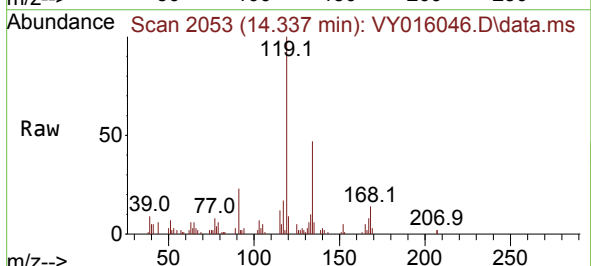
Tgt Ion: 75 Resp: 146

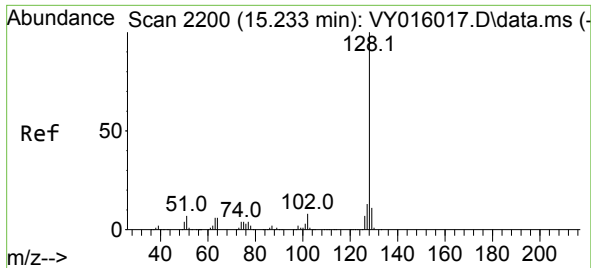
Ion Ratio Lower Upper

75 100

155 0.0 41.5 124.6#

157 0.0 51.8 155.5#





#95

Naphthalene

Concen: 224.090 ug/l

RT: 15.239 min Scan# 21

Delta R.T. 0.006 min

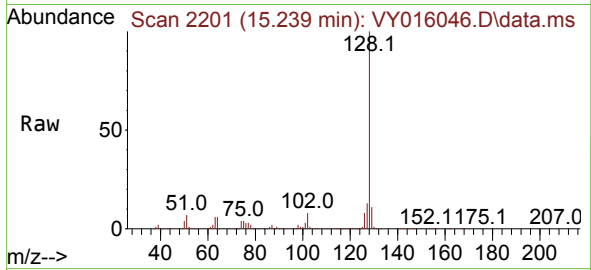
Lab File: VY016046.D

Acq: 19 Oct 2023 18:43

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:128 Resp: 297897

Ion Ratio Lower Upper

128 100

127 13.1 10.8 16.2

129 11.0 8.6 13.0

