

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101923\
 Data File : VY016045.D
 Acq On : 19 Oct 2023 18:20
 Operator : SY/MD
 Sample : 04938-17
 Misc : 5.15g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 20 05:39:52 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	140986	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	242160	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	234351	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	109080	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	89659	55.953	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 111.900%	
35) Dibromofluoromethane	7.722	113	76787	48.175	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 96.340%	
50) Toluene-d8	10.185	98	291250	50.312	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.620%	
62) 4-Bromofluorobenzene	12.483	95	125227	60.626	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 121.260%	

Target Compounds					Qvalue	
11) Tert butyl alcohol	5.040	59	623	2.519	ug/l #	89
13) Acrolein	3.747	56	3039	Below Cal		98
16) Acetone	3.991	43	9596	16.155	ug/l	97
17) Carbon Disulfide	4.192	76	10642	2.686	ug/l	100
20) Methylene Chloride	4.716	84	32106	18.194	ug/l	89
31) Cyclohexane	7.783	56	3000	1.196	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	10748	4.482	ug/l #	50
38) Carbon Tetrachloride	7.795	117	13555	5.318	ug/l #	16
51) 4-Methyl-2-Pentanone	9.990	43	1812	1.043	ug/l #	49
52) Toluene	10.246	92	21642	4.937	ug/l	98
55) 1,1,2-Trichloroethane	10.624	97	2806	1.819	ug/l #	19
56) Ethyl methacrylate	10.496	69	2940	1.304	ug/l #	1
59) 2-Hexanone	10.807	43	5278	3.992	ug/l #	31
67) Ethyl Benzene	11.593	91	489676	54.524	ug/l	100
68) m/p-Xylenes	11.709	106	443290	126.578	ug/l	95
69) o-Xylene	12.032	106	307205	92.208	ug/l	99
70) Styrene	12.044	104	57367	10.103	ug/l #	21
73) Isopropylbenzene	12.331	105	339994	41.668	ug/l	98
74) N-amyl acetate	12.124	43	12427	4.822	ug/l #	55
75) 1,1,2,2-Tetrachloroethane	12.648	83	14120	6.909	ug/l #	26
76) 1,2,3-Trichloropropane	12.672	75	4827	3.125	ug/l #	100
77) Bromobenzene	12.416	156	5764	2.910	ug/l #	1
78) n-propylbenzene	12.672	91	843481	85.824	ug/l	99
79) 2-Chlorotoluene	12.739	91	259536	47.047	ug/l #	47
80) 1,3,5-Trimethylbenzene	12.819	105	2609735	386.139	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.337	75	4415	6.240	ug/l #	1
82) 4-Chlorotoluene	12.819	91	278560	48.384	ug/l #	40
83) tert-Butylbenzene	13.123	119	1021133	172.304	ug/l #	64
84) 1,2,4-Trimethylbenzene	13.123	105	7782020	1159.515	ug/l	94
85) sec-Butylbenzene	13.123	105	7782020	879.217	ug/l #	56
86) p-Isopropyltoluene	13.373	119	462388	62.513	ug/l	88
89) n-Butylbenzene	13.703	91	449243	65.241	ug/l #	66
90) Hexachloroethane	13.971	117	523309	371.135	ug/l #	8
91) 1,2-Dichlorobenzene	13.788	146	9350	2.643	ug/l #	25
92) 1,2-Dibromo-3-Chloropr...	14.337	75	27719	71.253	ug/l #	4

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Response via : Initial Calibration

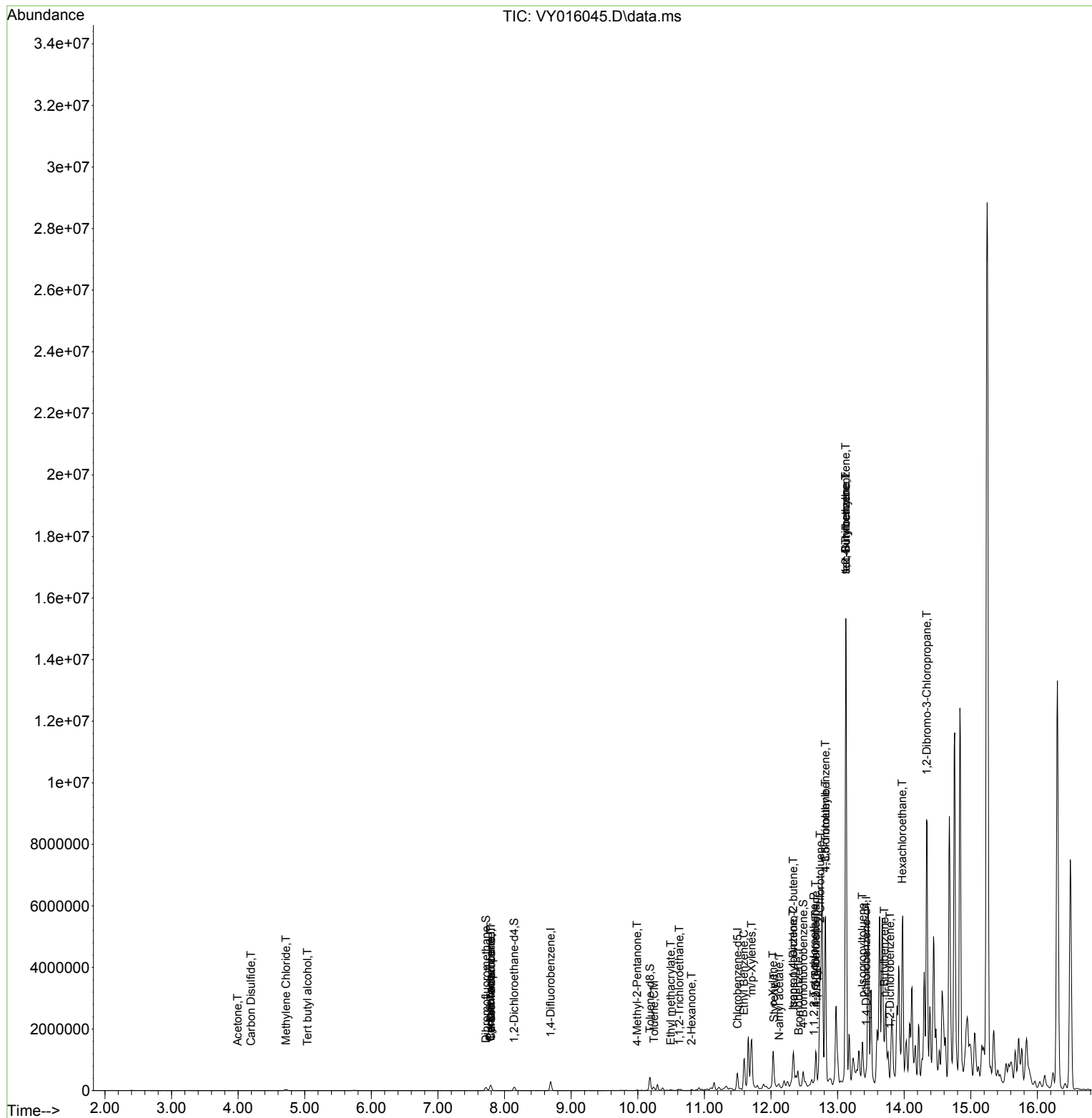
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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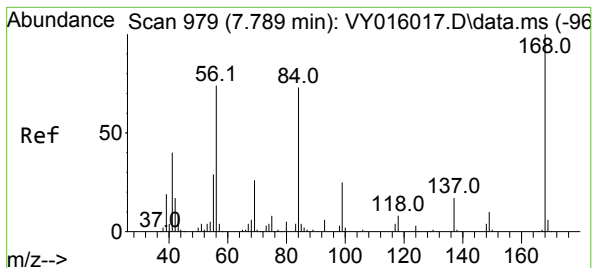
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.789 min Scan# 91

Delta R.T. 0.000 min

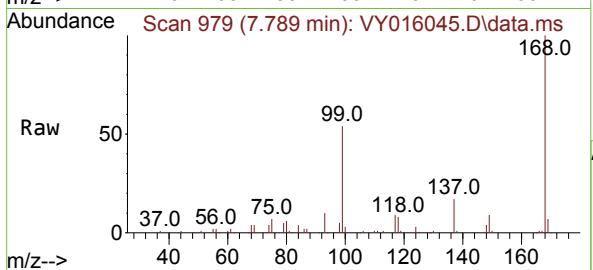
Lab File: VY016045.D

Acq: 19 Oct 2023 18:20

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MSVOA_Y

ClientSampleId :

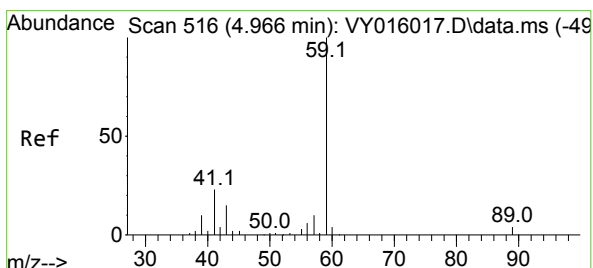
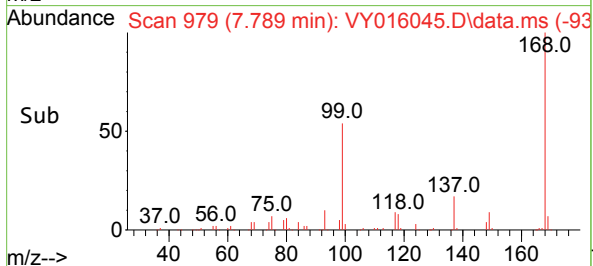
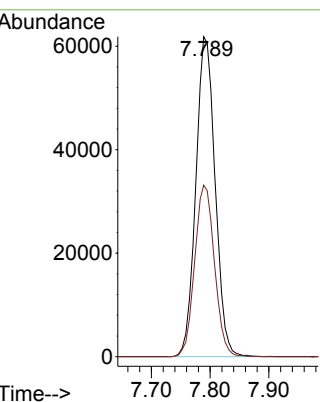


Tgt Ion:168 Resp: 140986

Ion Ratio Lower Upper

168 100

99 53.6 43.4 65.0



#11

Tert butyl alcohol

Concen: 2.519 ug/l

RT: 5.040 min Scan# 528

Delta R.T. 0.073 min

Lab File: VY016045.D

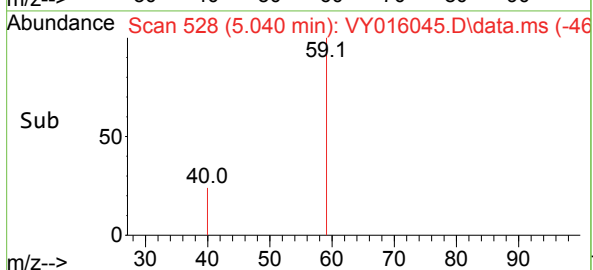
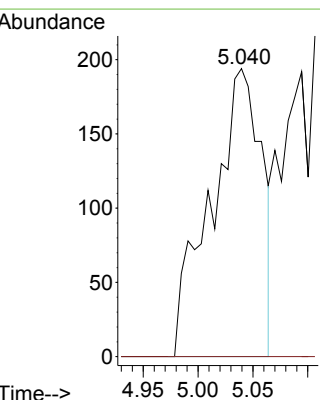
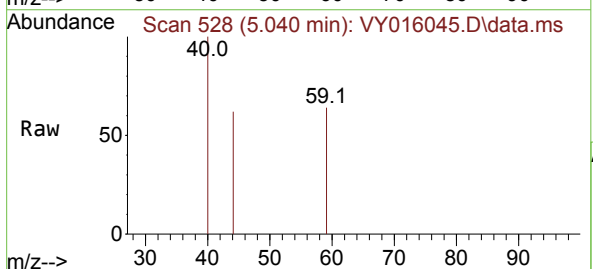
Acq: 19 Oct 2023 18:20

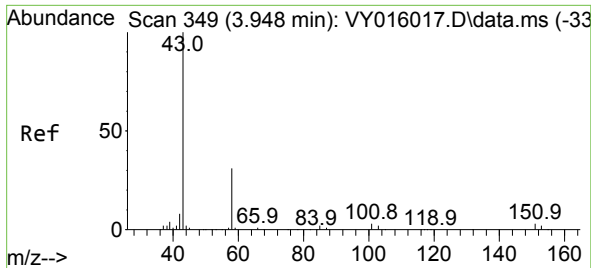
Tgt Ion: 59 Resp: 623

Ion Ratio Lower Upper

59 100

57 0.0 3.0 4.4#





#16

Acetone

Concen: 16.155 ug/l

RT: 3.991 min Scan# 3

Delta R.T. 0.043 min

Lab File: VY016045.D

Acq: 19 Oct 2023 18:20

Instrument :

MSVOA_Y

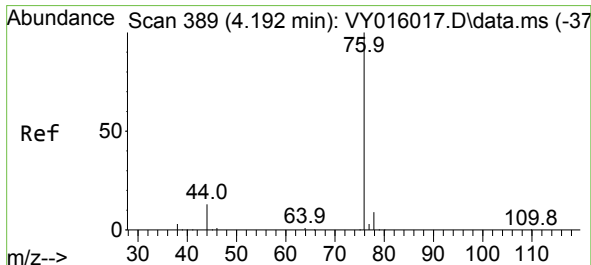
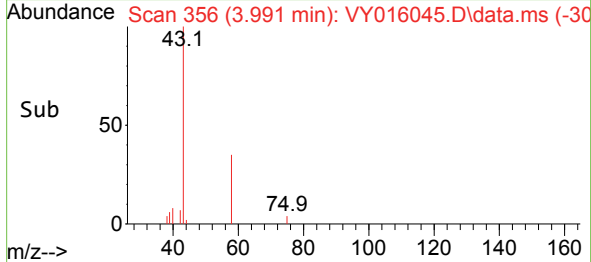
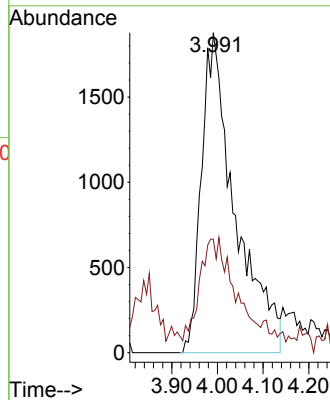
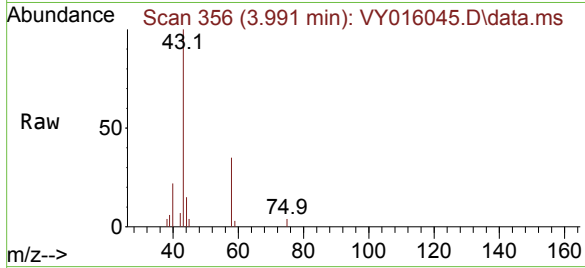
ClientSampleId :

Tgt Ion: 43 Resp: 9596

Ion Ratio Lower Upper

43 100

58 30.2 22.7 34.1



#17

Carbon Disulfide

Concen: 2.686 ug/l

RT: 4.192 min Scan# 389

Delta R.T. 0.000 min

Lab File: VY016045.D

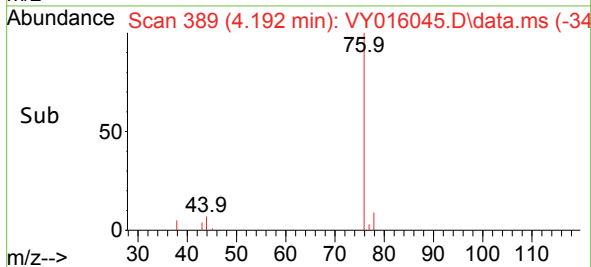
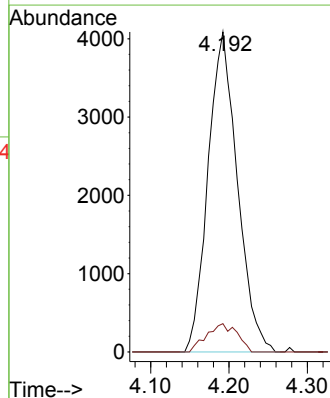
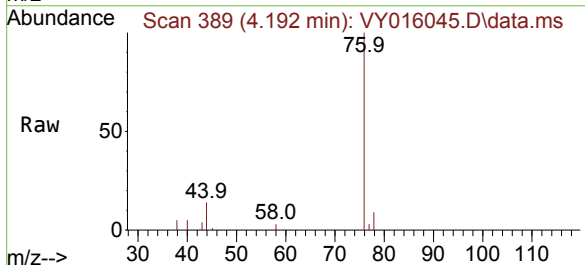
Acq: 19 Oct 2023 18:20

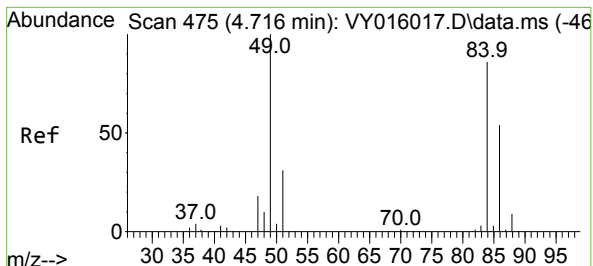
Tgt Ion: 76 Resp: 10642

Ion Ratio Lower Upper

76 100

78 8.8 7.0 10.4





#20

Methylene Chloride

Concen: 18.194 ug/l

RT: 4.716 min Scan# 41

Delta R.T. 0.000 min

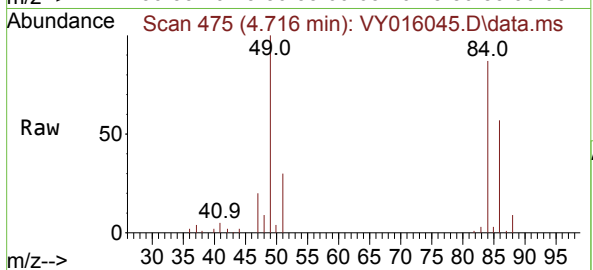
Lab File: VY016045.D

Acq: 19 Oct 2023 18:20

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 84 Resp: 32106

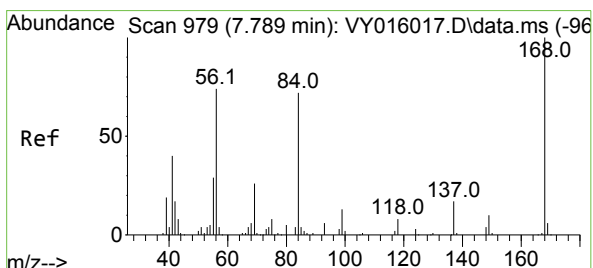
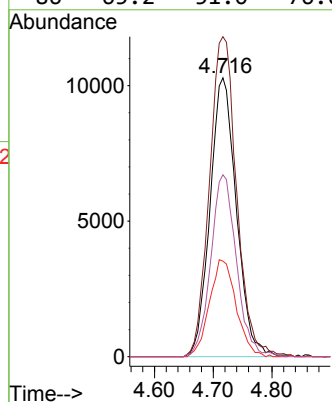
Ion Ratio Lower Upper

84 100

49 114.7 106.9 160.3

51 34.3 33.2 49.8

86 65.2 51.0 76.6



#31

Cyclohexane

Concen: 1.196 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.006 min

Lab File: VY016045.D

Acq: 19 Oct 2023 18:20

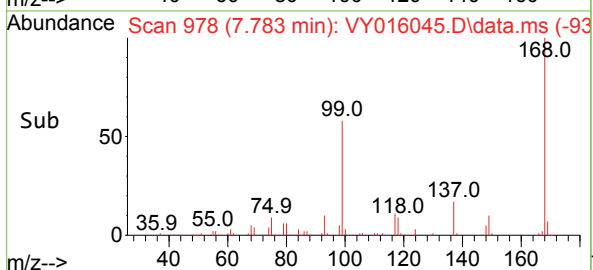
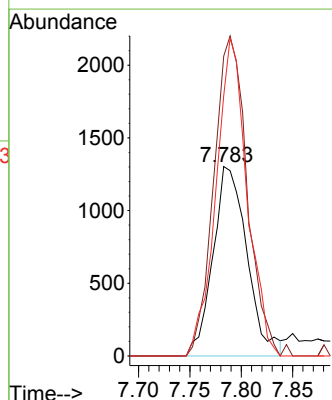
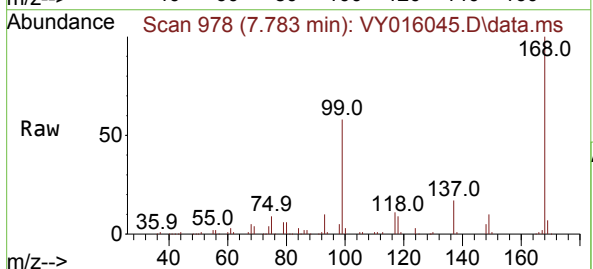
Tgt Ion: 56 Resp: 3000

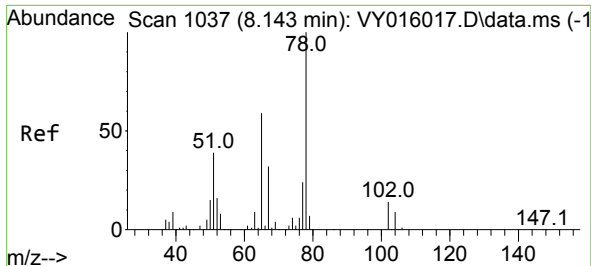
Ion Ratio Lower Upper

56 100

69 158.3 27.8 41.6#

84 137.5 66.4 99.6#

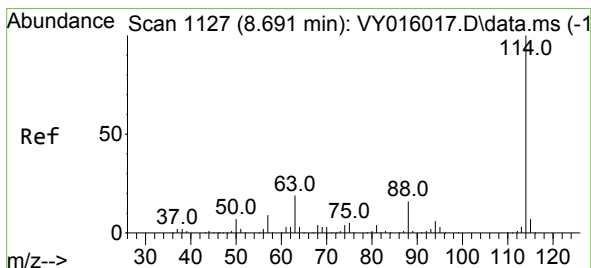
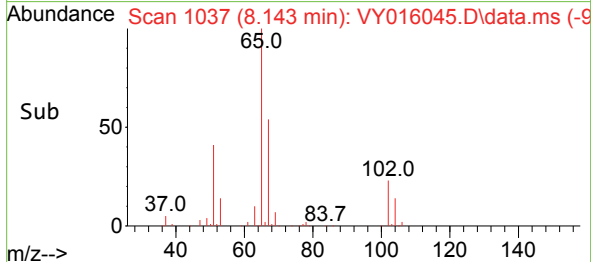
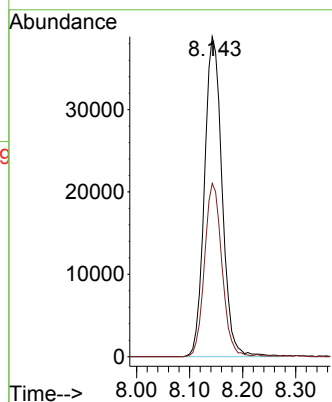
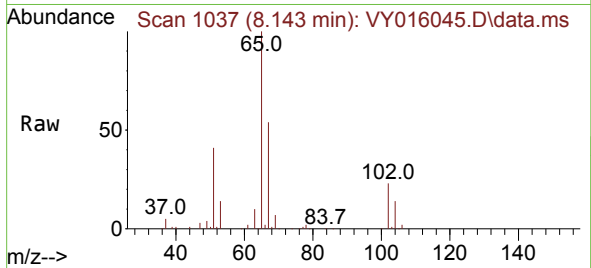




#33
 1,2-Dichloroethane-d4
 Concen: 55.953 ug/l
 RT: 8.143 min Scan# 1037
 Delta R.T. 0.000 min
 Lab File: VY016045.D
 Acq: 19 Oct 2023 18:20

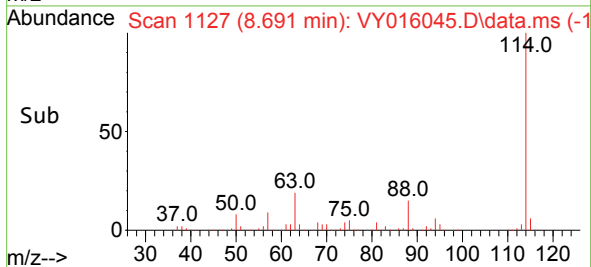
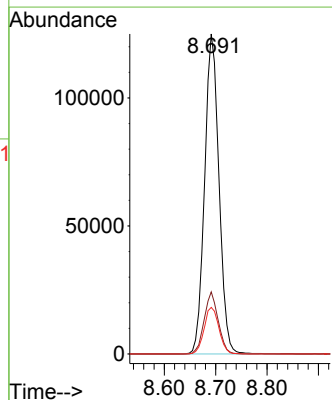
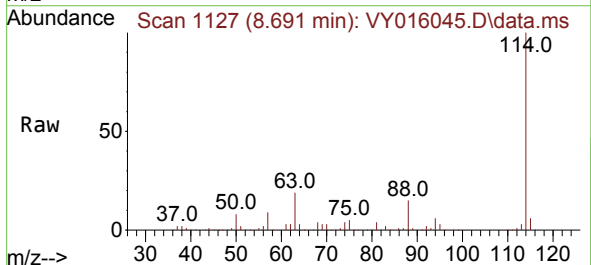
Instrument :
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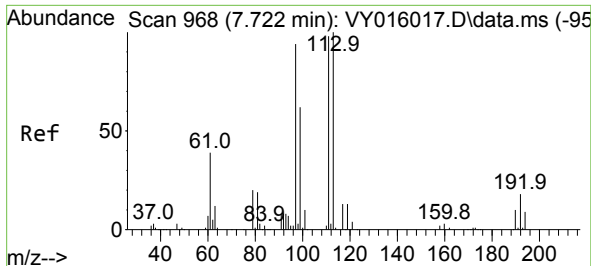
Tgt Ion: 65 Resp: 89659
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VY016045.D
 Acq: 19 Oct 2023 18:20

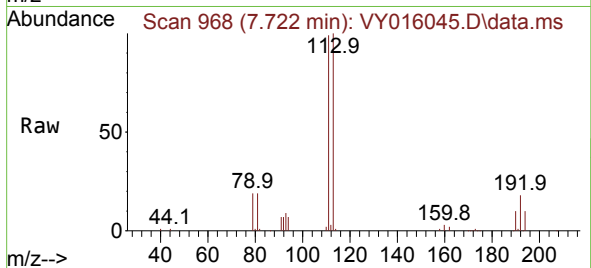
Tgt Ion: 114 Resp: 242160
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 42.4
 88 14.5 0.0 30.6



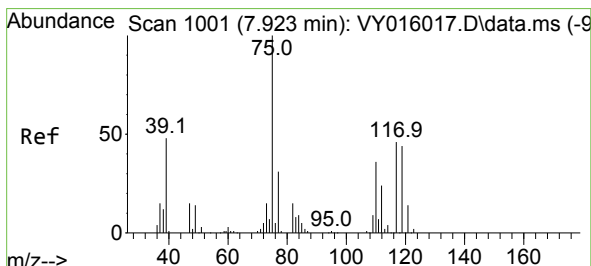
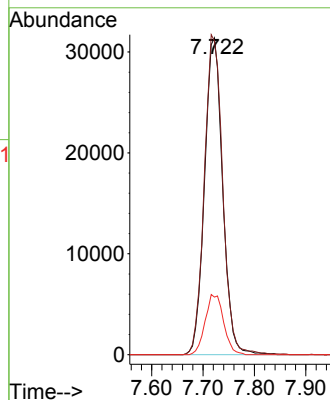
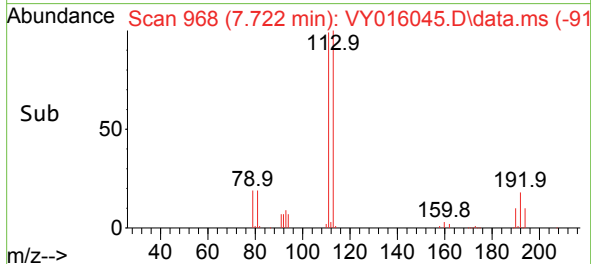


#35
Dibromofluoromethane
Concen: 48.175 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY016045.D
Acq: 19 Oct 2023 18:20

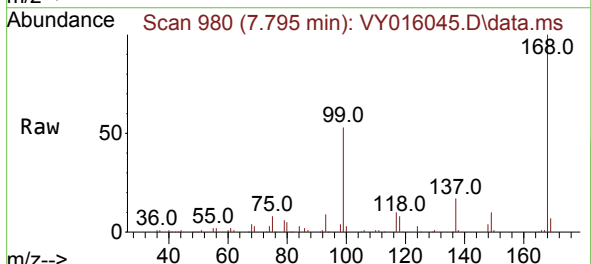
Instrument :
MSVOA_Y
ClientSampleId :



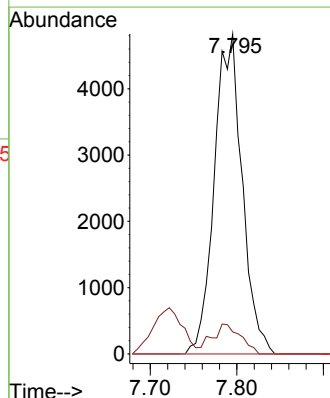
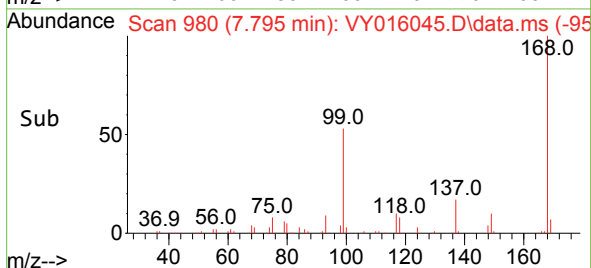
Tgt Ion:113 Resp: 76787
Ion Ratio Lower Upper
113 100
111 102.6 81.3 121.9
192 19.3 16.9 25.3

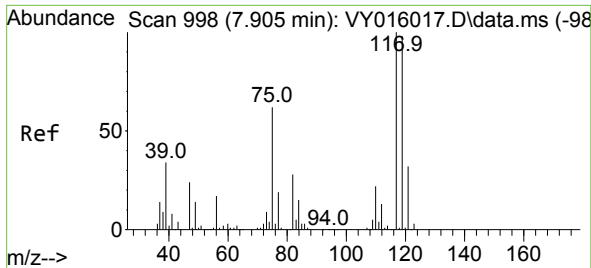


#36
1,1-Dichloropropene
Concen: 4.482 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY016045.D
Acq: 19 Oct 2023 18:20



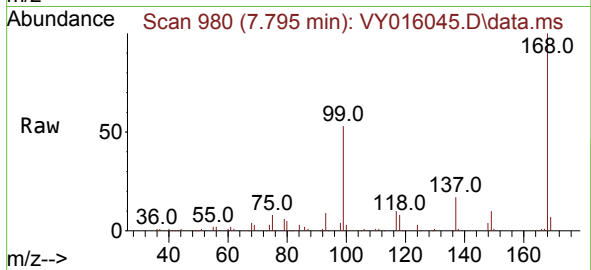
Tgt Ion: 75 Resp: 10748
Ion Ratio Lower Upper
75 100
110 9.7 17.8 53.5#
77 0.0 24.4 36.6#



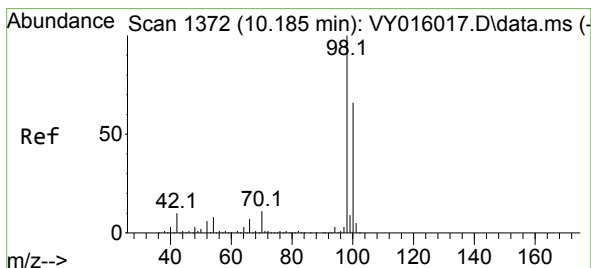
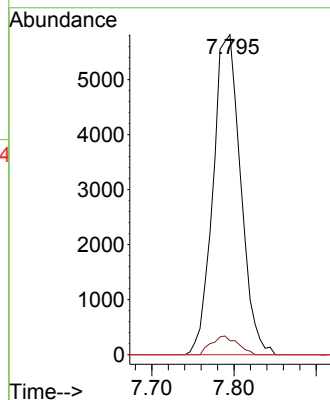
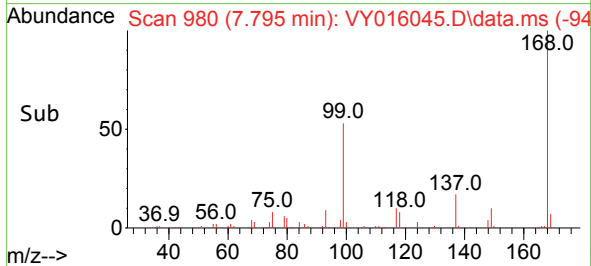


#38
Carbon Tetrachloride
Concen: 5.318 ug/l
RT: 7.795 min Scan# 998
Delta R.T. -0.110 min
Lab File: VY016045.D
Acq: 19 Oct 2023 18:20

Instrument :
MSVOA_Y
ClientSampleId :

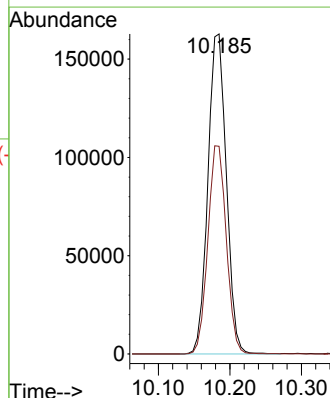
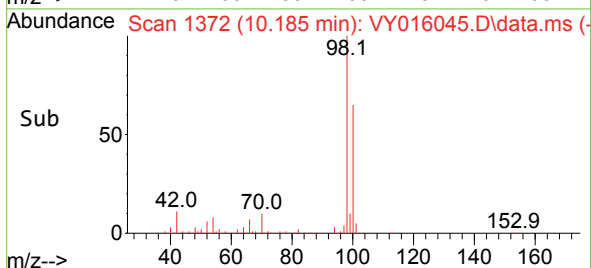
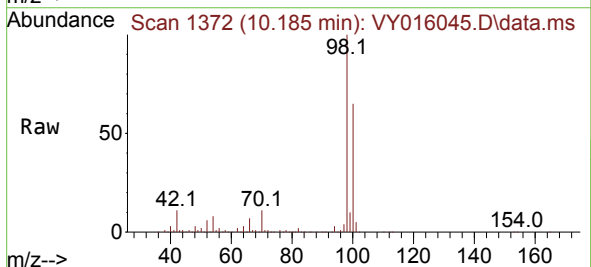


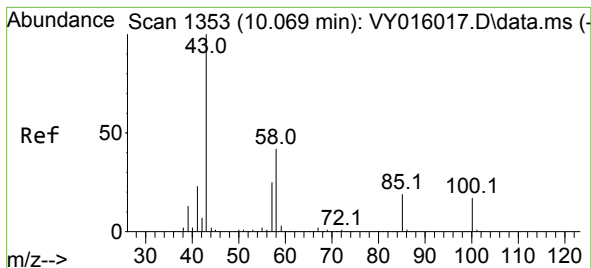
Tgt Ion:117 Resp: 13555
Ion Ratio Lower Upper
117 100
119 4.3 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 50.312 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY016045.D
Acq: 19 Oct 2023 18:20

Tgt Ion: 98 Resp: 291250
Ion Ratio Lower Upper
98 100
100 65.1 50.1 75.1

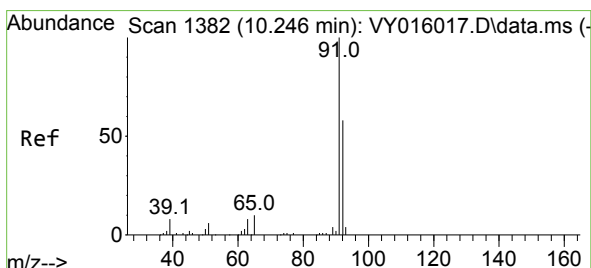
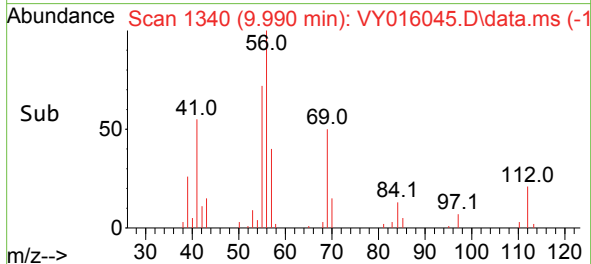
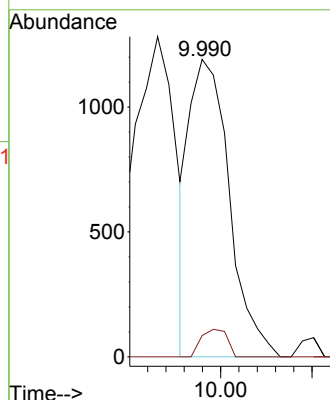
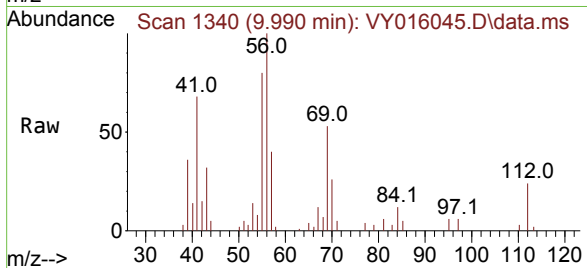




#51
4-Methyl-2-Pentanone
Concen: 1.043 ug/l
RT: 9.990 min Scan# 11
Delta R.T. -0.079 min
Lab File: VY016045.D
Acq: 19 Oct 2023 18:20

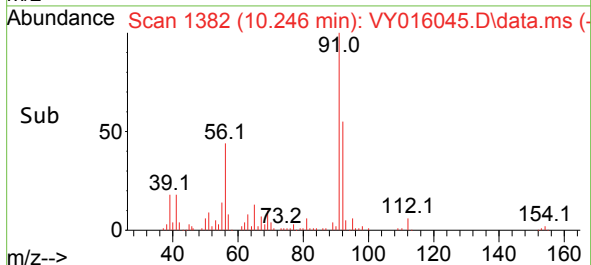
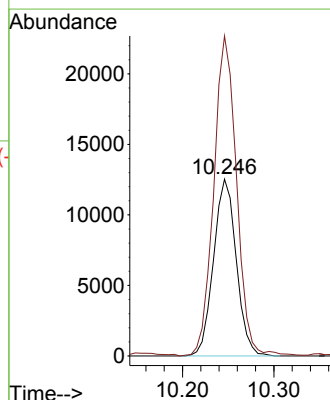
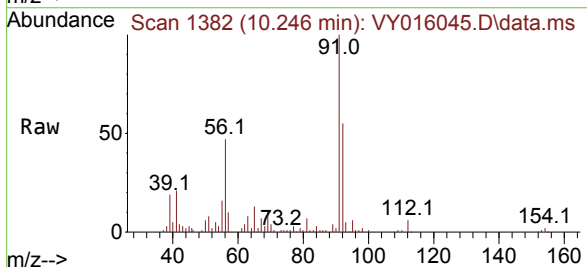
Instrument :
MSVOA_Y
ClientSampleId :

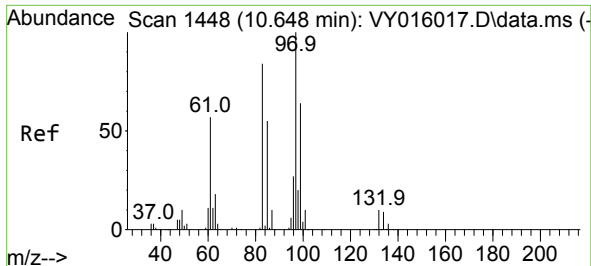
Tgt Ion: 43 Resp: 1812
Ion Ratio Lower Upper
43 100
58 6.0 29.0 43.6#



#52
Toluene
Concen: 4.937 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY016045.D
Acq: 19 Oct 2023 18:20

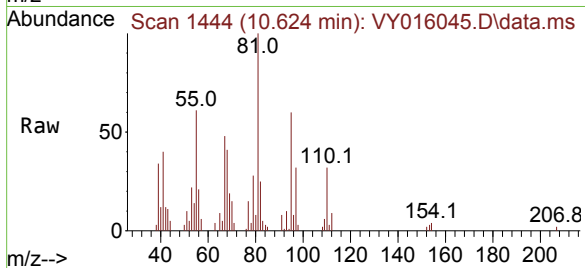
Tgt Ion: 92 Resp: 21642
Ion Ratio Lower Upper
92 100
91 182.1 143.8 215.6



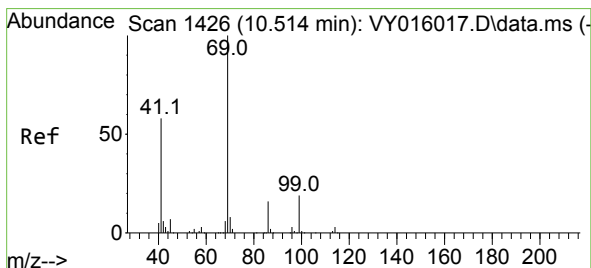
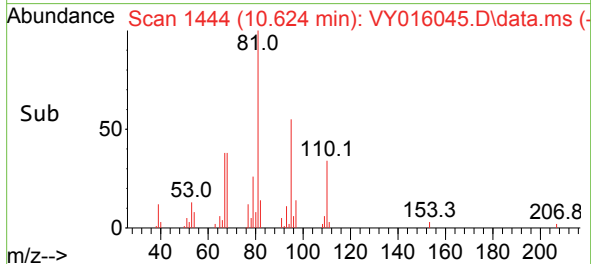
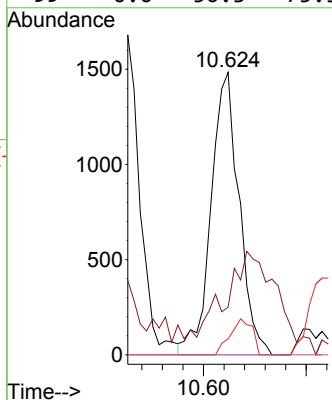


#55
 1,1,2-Trichloroethane
 Concen: 1.819 ug/l
 RT: 10.624 min Scan# 1444
 Delta R.T. -0.024 min
 Lab File: VY016045.D
 Acq: 19 Oct 2023 18:20

Instrument :
 MSVOA_Y
 ClientSampleId :

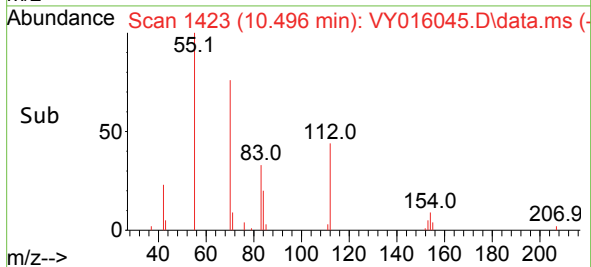
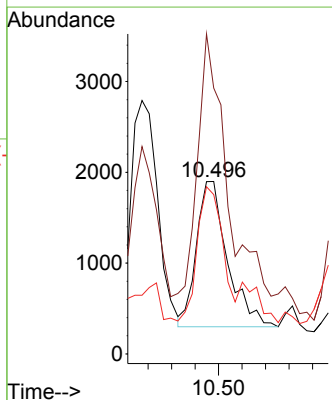
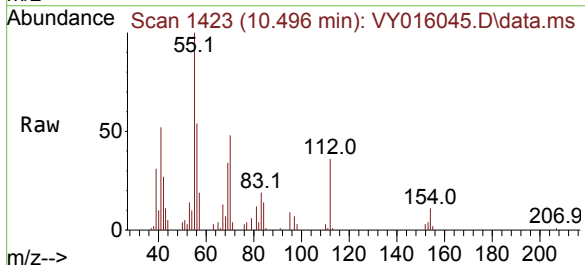


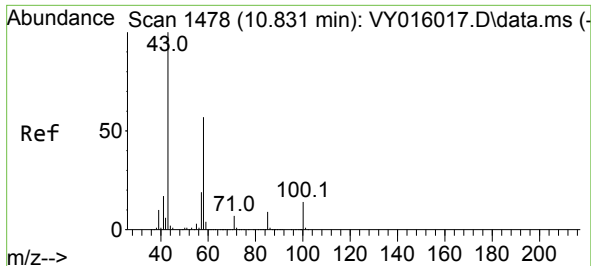
Tgt Ion:	97	Resp:	2806
Ion	Ratio	Lower	Upper
97	100		
83	6.3	72.0	108.0#
85	5.7	45.4	68.0#
99	0.0	50.3	75.5#



#56
 Ethyl methacrylate
 Concen: 1.304 ug/l
 RT: 10.496 min Scan# 1423
 Delta R.T. -0.018 min
 Lab File: VY016045.D
 Acq: 19 Oct 2023 18:20

Tgt Ion:	69	Resp:	2940
Ion	Ratio	Lower	Upper
69	100		
41	217.8	57.6	86.4#
39	75.1	34.1	51.1#

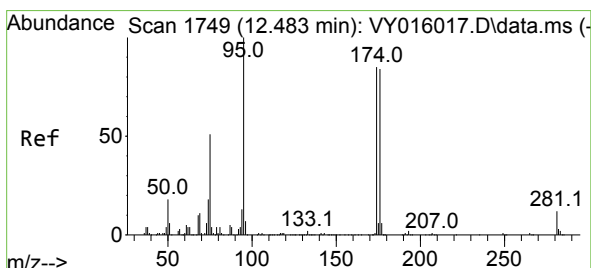
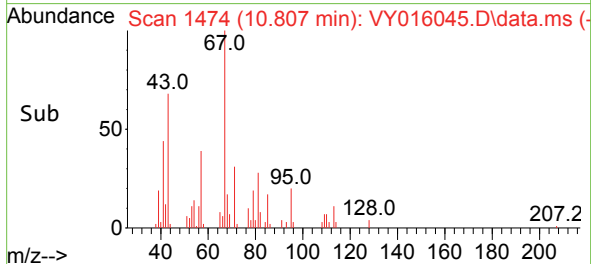
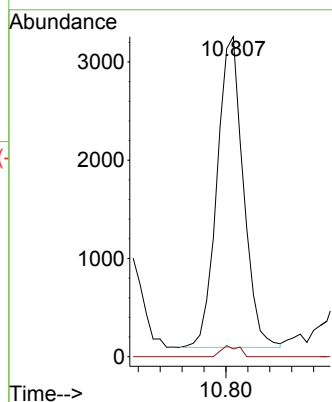
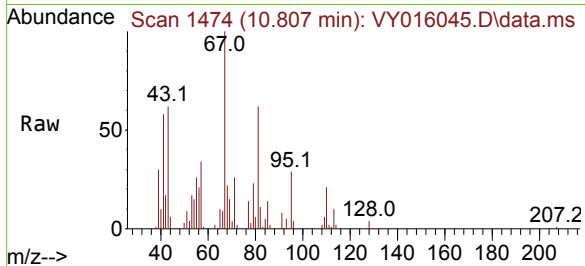




#59
2-Hexanone
Concen: 3.992 ug/l
RT: 10.807 min Scan# 1478
Delta R.T. -0.024 min
Lab File: VY016045.D
Acq: 19 Oct 2023 18:20

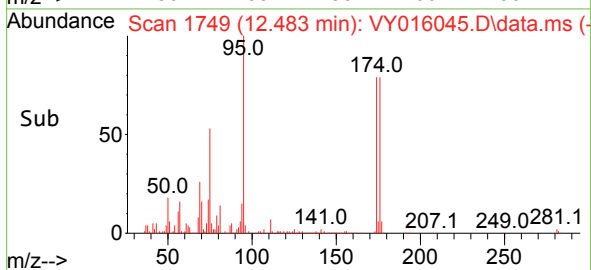
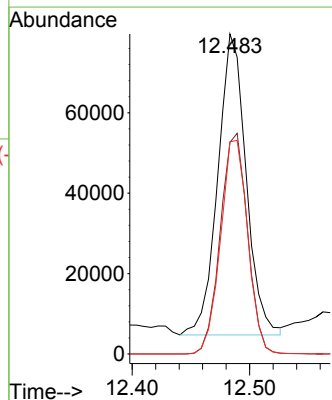
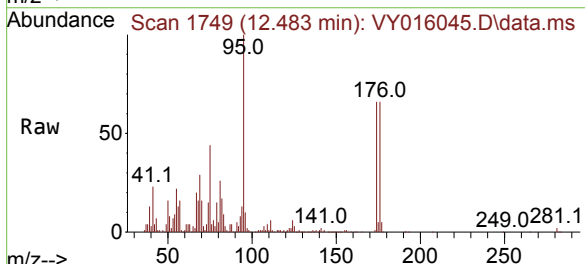
Instrument :
MSVOA_Y
ClientSampleId :

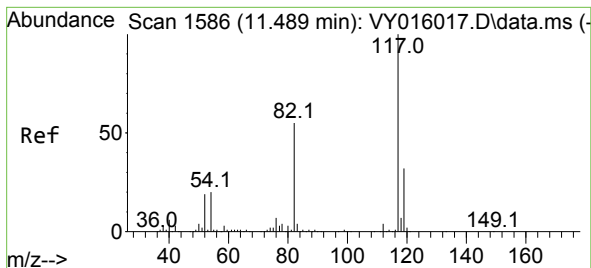
Tgt Ion: 43 Resp: 5278
Ion Ratio Lower Upper
43 100
58 2.4 25.1 75.3#



#62
4-Bromofluorobenzene
Concen: 60.626 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY016045.D
Acq: 19 Oct 2023 18:20

Tgt Ion: 95 Resp: 125227
Ion Ratio Lower Upper
95 100
174 70.5 0.0 178.2
176 68.4 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: VY016045.D

Acq: 19 Oct 2023 18:20

Instrument :

MSVOA_Y

ClientSampleId :

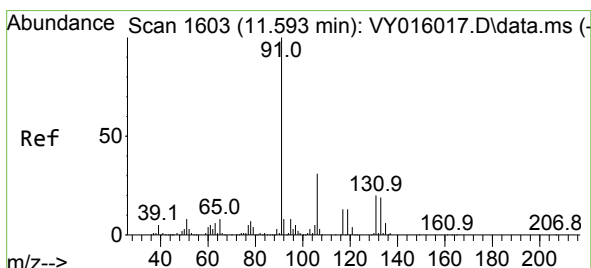
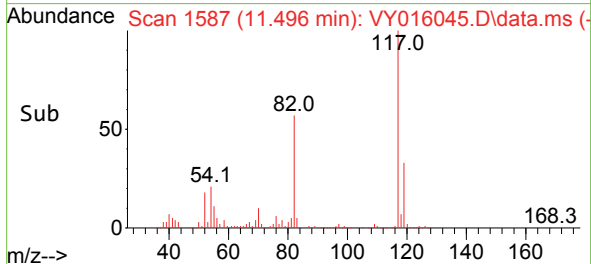
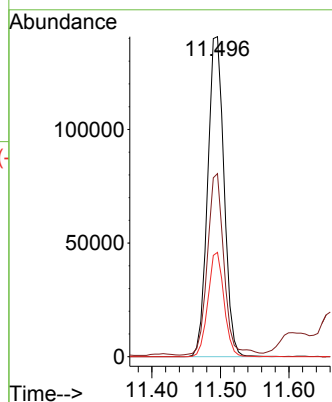
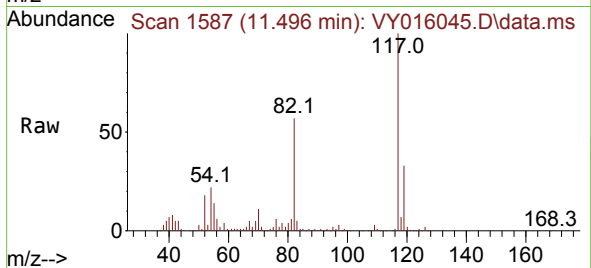
Tgt Ion:117 Resp: 234351

Ion Ratio Lower Upper

117 100

82 56.7 43.4 65.0

119 32.6 26.3 39.5



#67

Ethyl Benzene

Concen: 54.524 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY016045.D

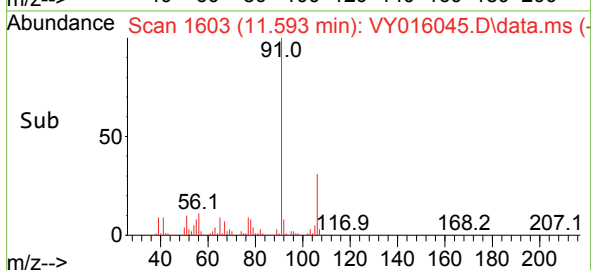
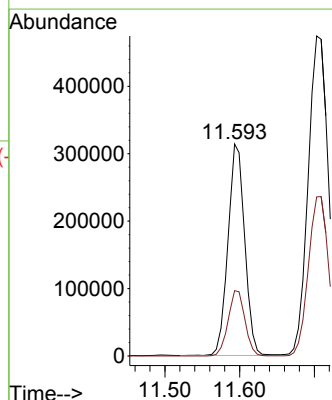
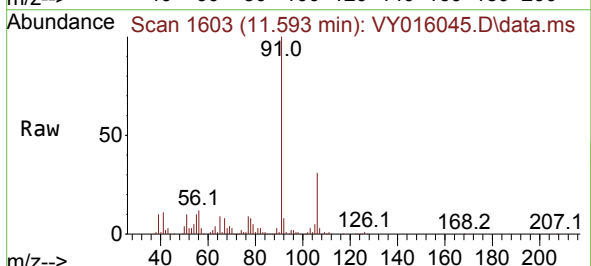
Acq: 19 Oct 2023 18:20

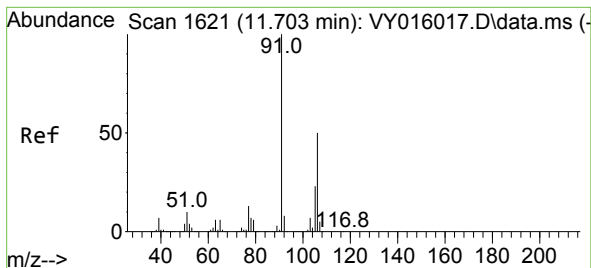
Tgt Ion: 91 Resp: 489676

Ion Ratio Lower Upper

91 100

106 30.8 24.6 36.8

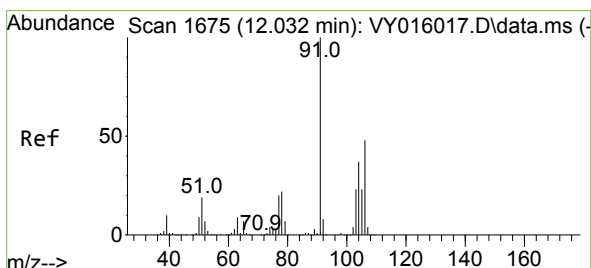
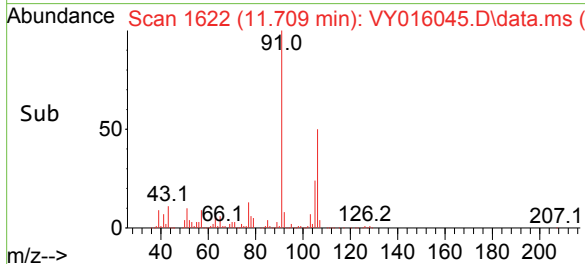
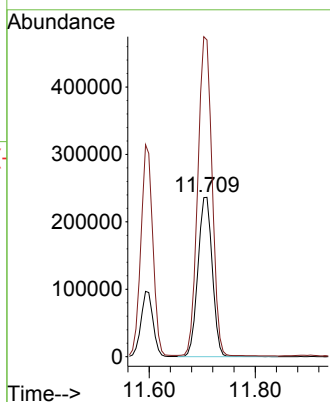
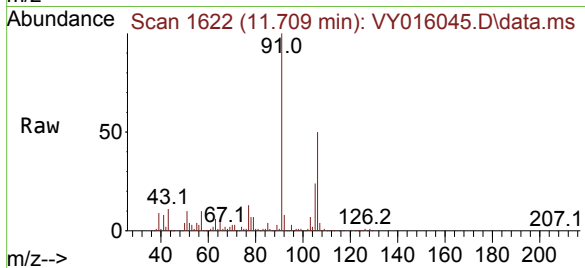




#68
m/p-Xylenes
Concen: 126.578 ug/l
RT: 11.709 min Scan# 1622
Delta R.T. 0.006 min
Lab File: VY016045.D
Acq: 19 Oct 2023 18:20

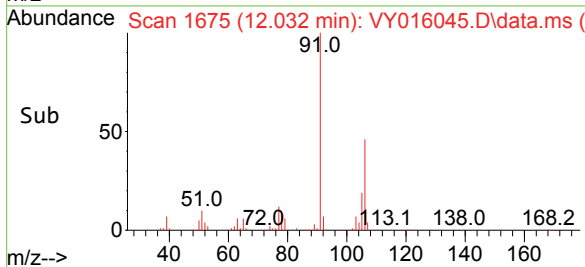
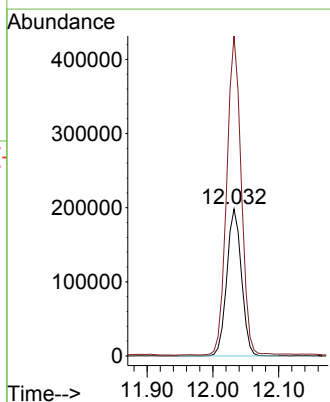
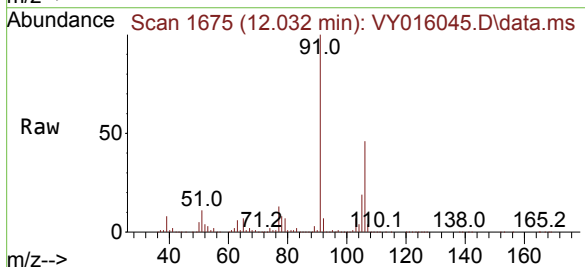
Instrument :
MSVOA_Y
ClientSampleId :

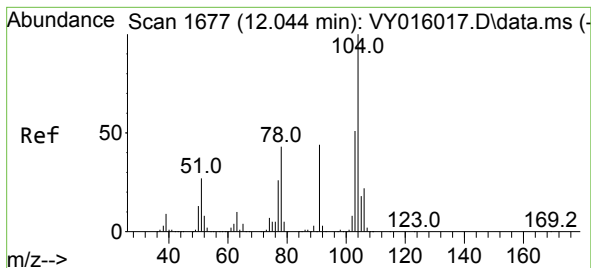
Tgt Ion:106 Resp: 443290
Ion Ratio Lower Upper
106 100
91 199.9 166.1 249.1



#69
o-Xylene
Concen: 92.208 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY016045.D
Acq: 19 Oct 2023 18:20

Tgt Ion:106 Resp: 307205
Ion Ratio Lower Upper
106 100
91 214.9 108.1 324.3





#70

Styrene

Concen: 10.103 ug/l

RT: 12.044 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY016045.D

Acq: 19 Oct 2023 18:20

Instrument :

MSVOA_Y

ClientSampleId :

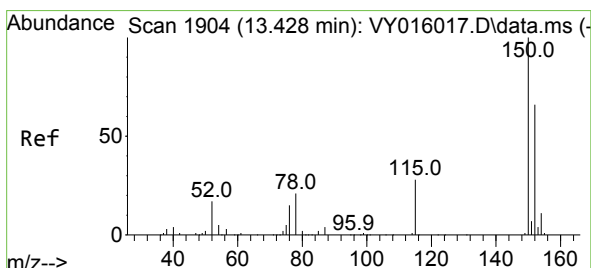
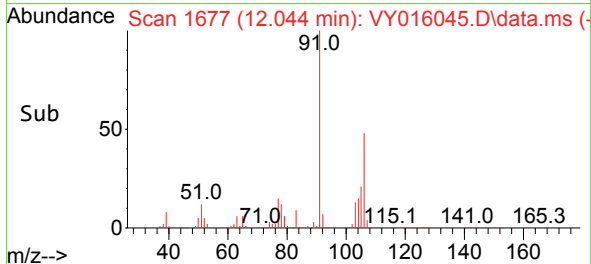
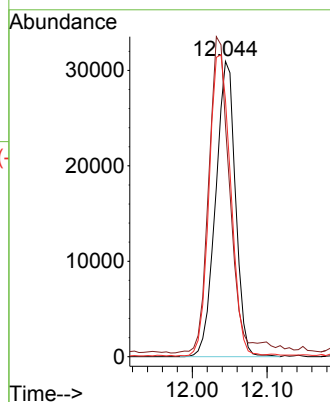
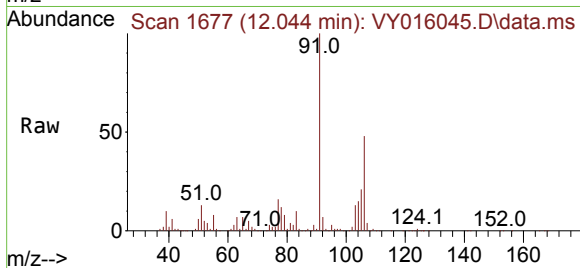
Tgt Ion:104 Resp: 57367

Ion Ratio Lower Upper

104 100

78 110.8 41.5 62.3#

103 110.3 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: VY016045.D

Acq: 19 Oct 2023 18:20

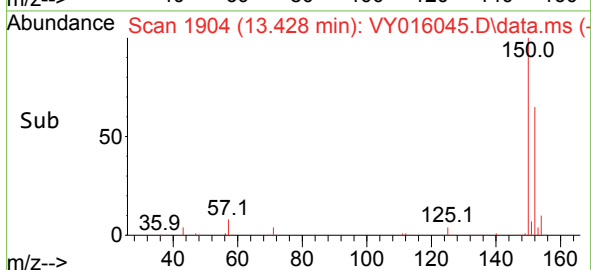
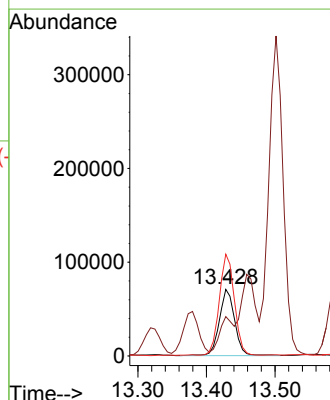
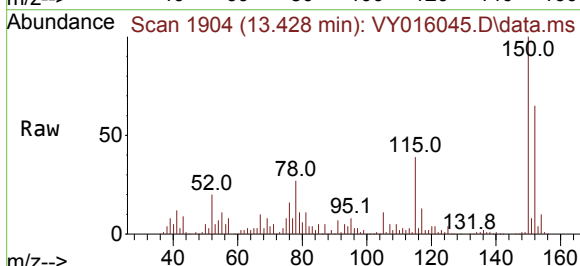
Tgt Ion:152 Resp: 109080

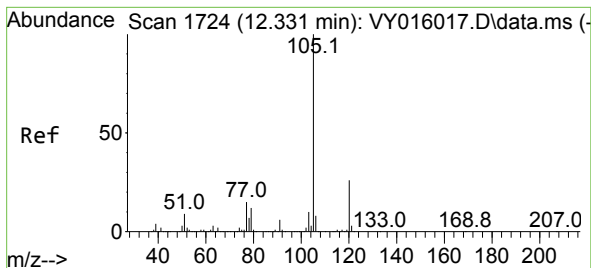
Ion Ratio Lower Upper

152 100

115 48.0 28.8 86.5

150 149.1 0.0 348.8





#73

Isopropylbenzene

Concen: 41.668 ug/l

RT: 12.331 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY016045.D

Acq: 19 Oct 2023 18:20

Instrument :

MSVOA_Y

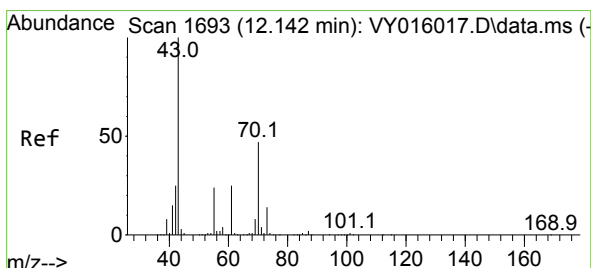
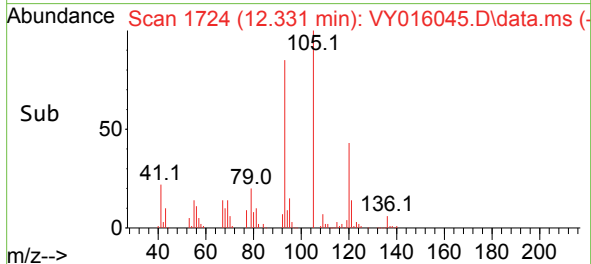
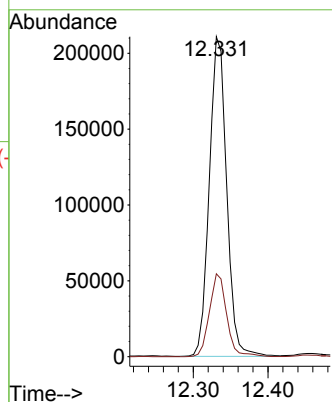
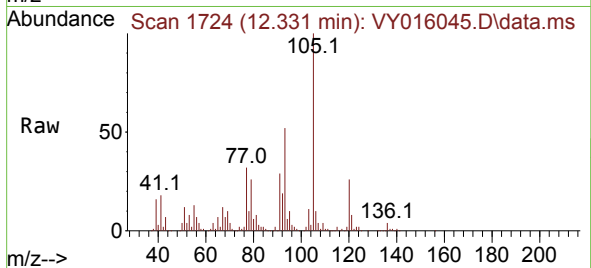
ClientSampleId :

Tgt Ion:105 Resp: 339994

Ion Ratio Lower Upper

105 100

120 25.8 13.3 39.9



#74

N-ethyl acetate

Concen: 4.822 ug/l

RT: 12.124 min Scan# 1690

Delta R.T. -0.018 min

Lab File: VY016045.D

Acq: 19 Oct 2023 18:20

Tgt Ion: 43 Resp: 12427

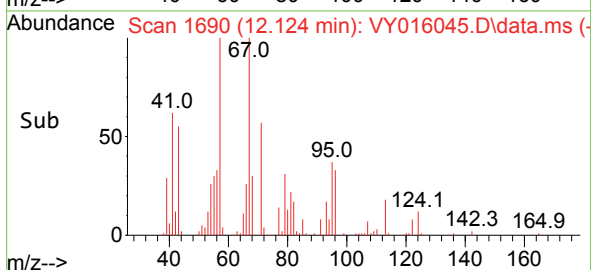
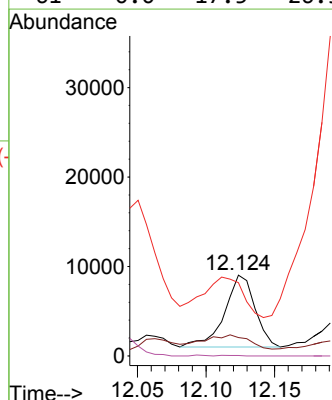
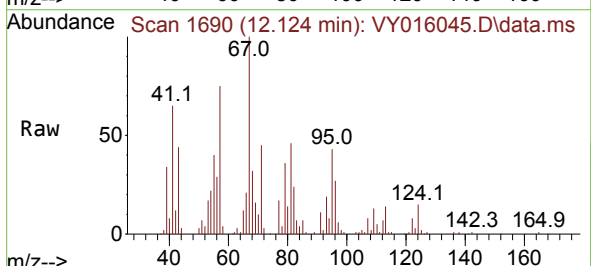
Ion Ratio Lower Upper

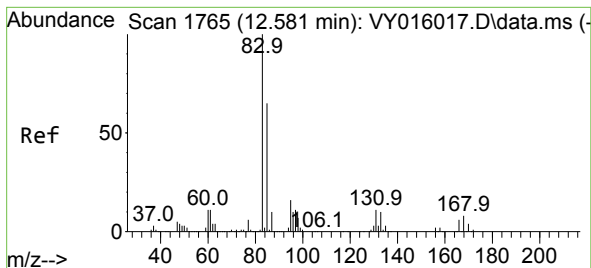
43 100

70 28.9 29.7 44.5#

55 69.6 18.3 27.5#

61 0.0 17.5 26.3#





#75

1,1,2,2-Tetrachloroethane

Concen: 6.909 ug/l

RT: 12.648 min Scan# 1776

Delta R.T. 0.067 min

Lab File: VY016045.D

Acq: 19 Oct 2023 18:20

Instrument :

MSVOA_Y

ClientSampleId :

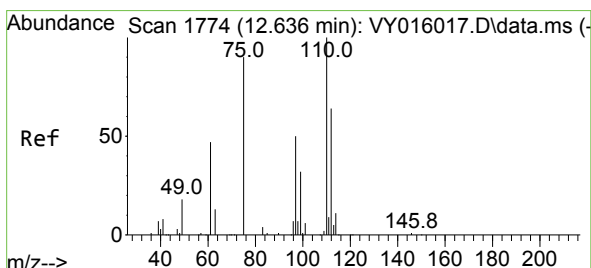
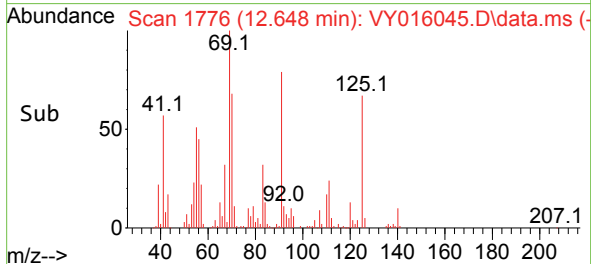
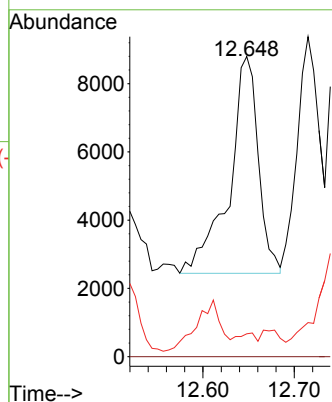
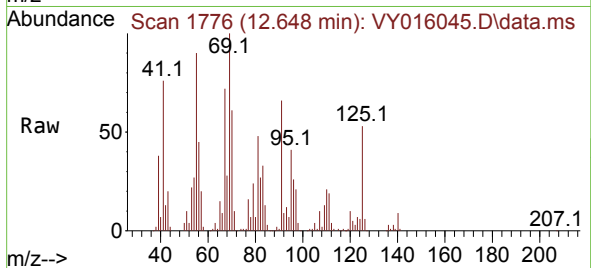
Tgt Ion: 83 Resp: 14120

Ion Ratio Lower Upper

83 100

131 0.0 5.4 16.2#

85 0.0 31.8 95.4#



#76

1,2,3-Trichloropropane

Concen: 3.125 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.037 min

Lab File: VY016045.D

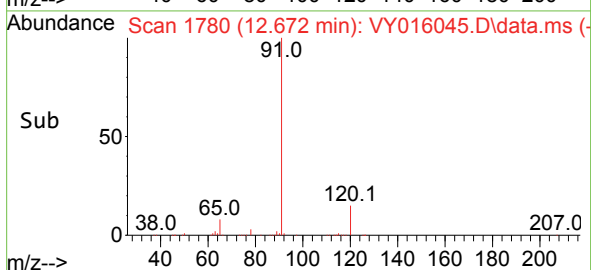
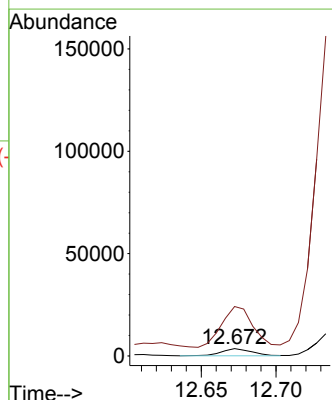
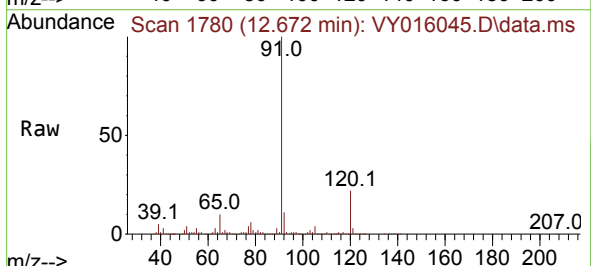
Acq: 19 Oct 2023 18:20

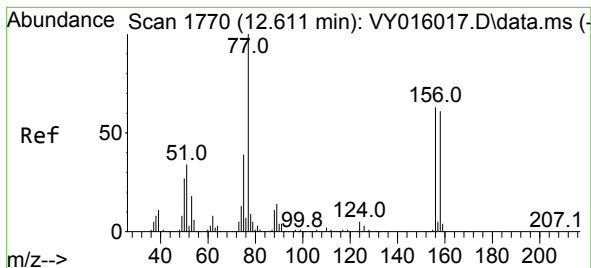
Tgt Ion: 75 Resp: 4827

Ion Ratio Lower Upper

75 100

77 607.2 0.0 0.0#





#77

Bromobenzene

Concen: 2.910 ug/l

RT: 12.416 min Scan# 11

Delta R.T. -0.195 min

Lab File: VY016045.D

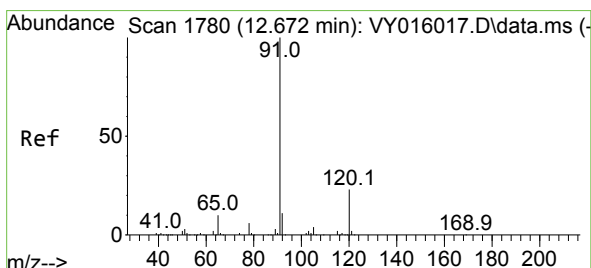
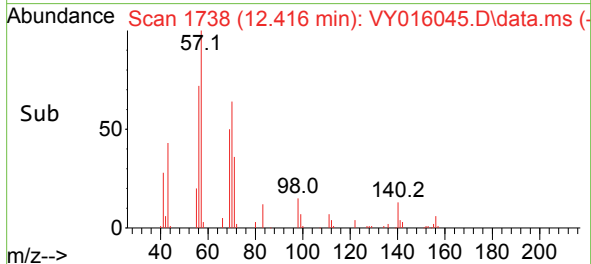
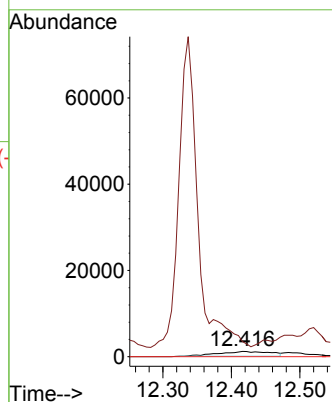
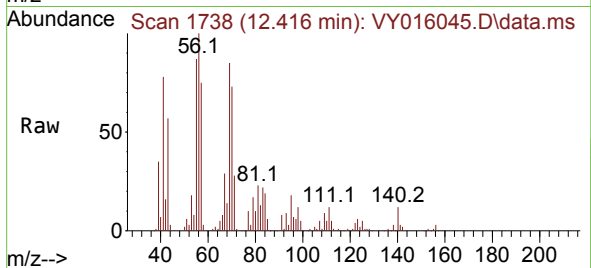
Acq: 19 Oct 2023 18:20

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:156 Resp: 5764
 Ion Ratio Lower Upper
 156 100
 77 0.0 92.8 278.6#
 158 0.0 48.4 145.3#



#78

n-propylbenzene

Concen: 85.824 ug/l

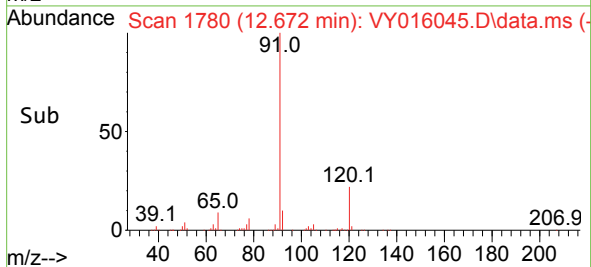
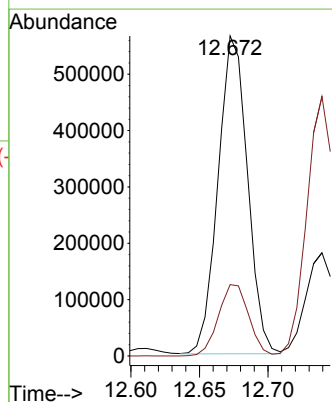
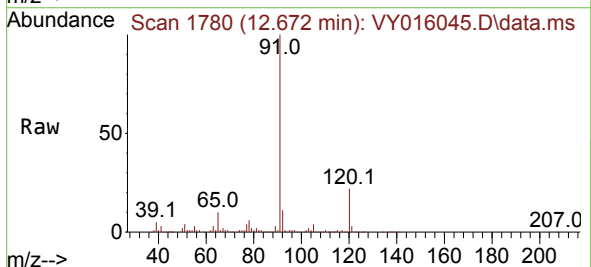
RT: 12.672 min Scan# 1780

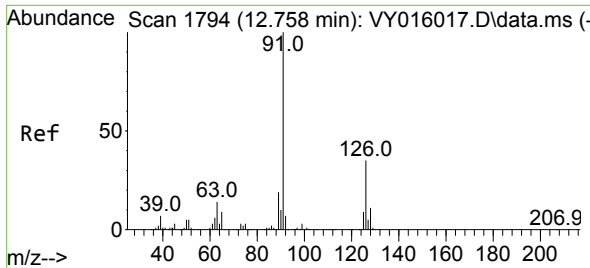
Delta R.T. 0.000 min

Lab File: VY016045.D

Acq: 19 Oct 2023 18:20

Tgt Ion: 91 Resp: 843481
 Ion Ratio Lower Upper
 91 100
 120 23.2 11.5 34.4

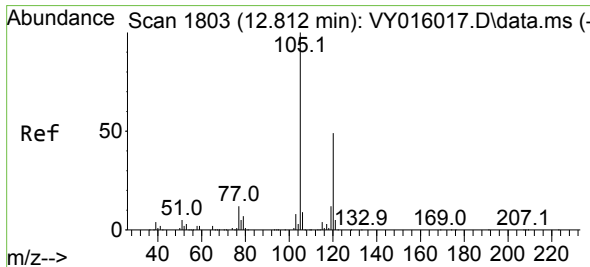
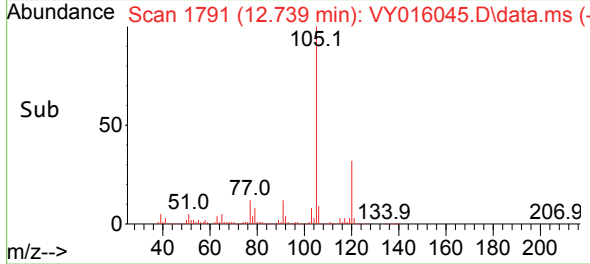
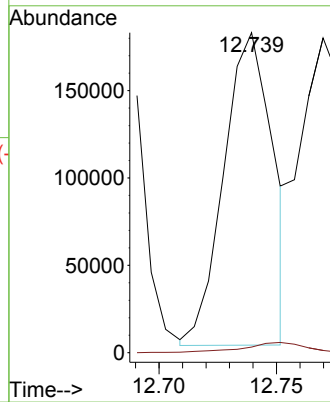
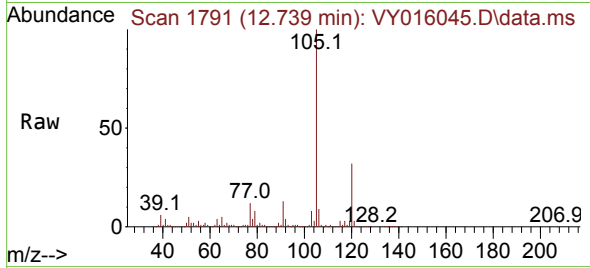




#79
2-Chlorotoluene
Concen: 47.047 ug/l
RT: 12.739 min Scan# 11
Delta R.T. -0.018 min
Lab File: VY016045.D
Acq: 19 Oct 2023 18:20

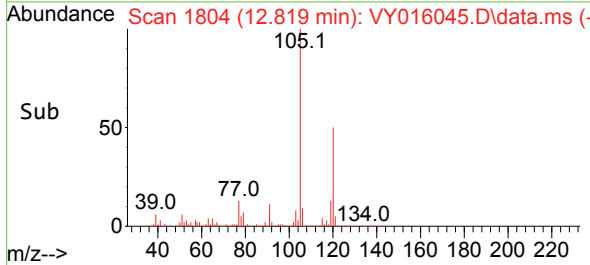
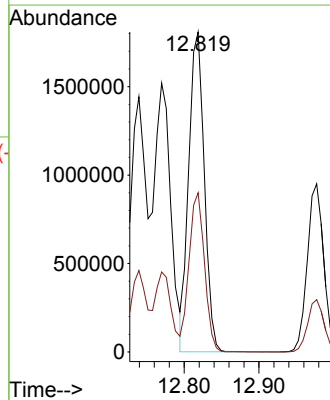
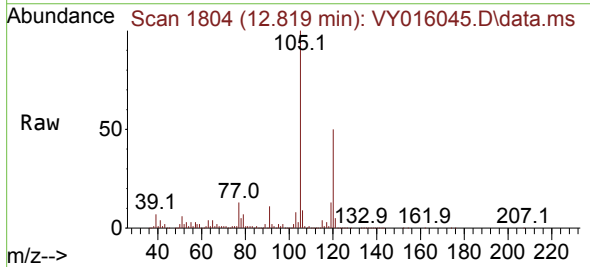
Instrument :
MSVOA_Y
ClientSampleId :

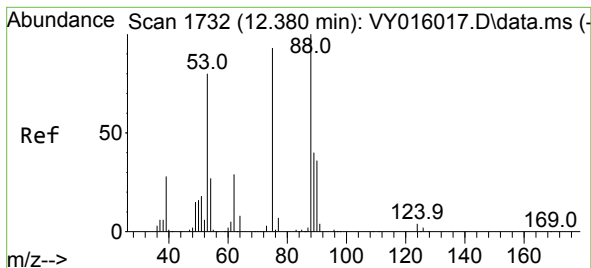
Tgt Ion: 91 Resp: 259536
Ion Ratio Lower Upper
91 100
126 4.2 17.3 51.7#



#80
1,3,5-Trimethylbenzene
Concen: 386.139 ug/l
RT: 12.819 min Scan# 1804
Delta R.T. 0.006 min
Lab File: VY016045.D
Acq: 19 Oct 2023 18:20

Tgt Ion:105 Resp: 2609735
Ion Ratio Lower Upper
105 100
120 49.5 23.9 71.7

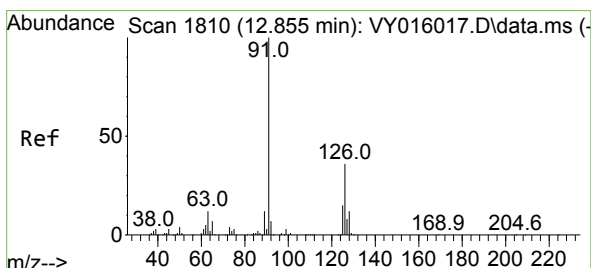
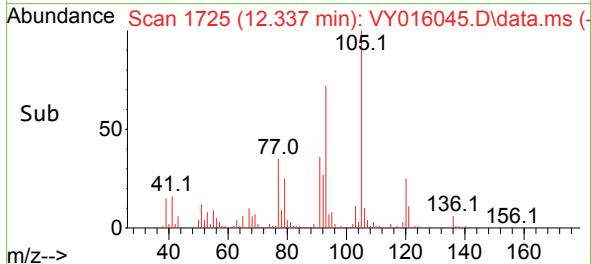
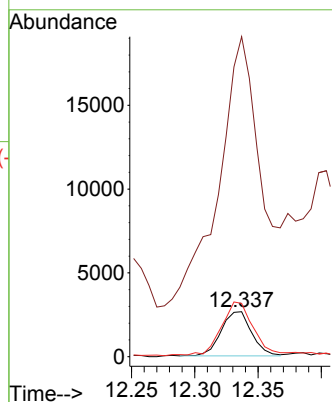
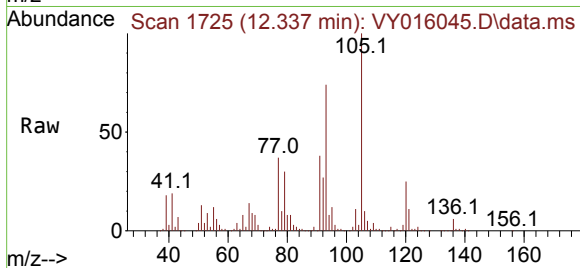




#81
trans-1,4-Dichloro-2-butene
Concen: 6.240 ug/l
RT: 12.337 min Scan# 11
Delta R.T. -0.043 min
Lab File: VY016045.D
Acq: 19 Oct 2023 18:20

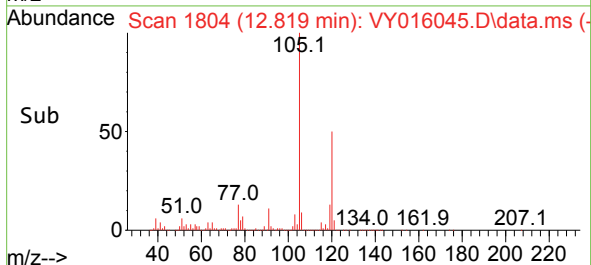
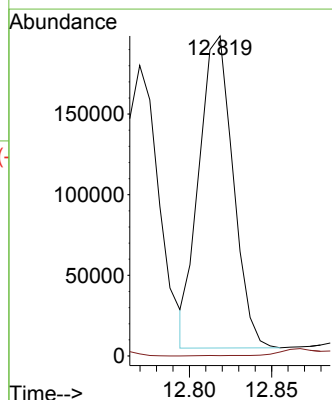
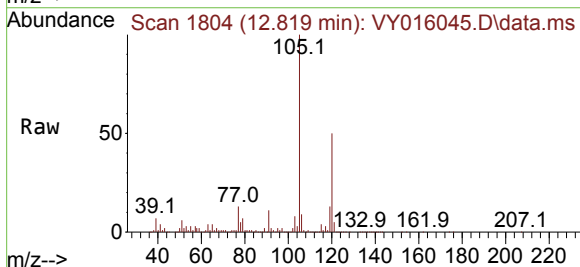
Instrument :
MSVOA_Y
ClientSampleId :

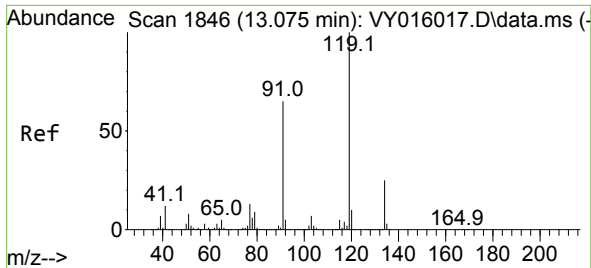
Tgt Ion: 75 Resp: 4415
Ion Ratio Lower Upper
75 100
53 838.8 77.8 116.8#
89 138.3 37.4 56.0#



#82
4-Chlorotoluene
Concen: 48.384 ug/l
RT: 12.819 min Scan# 1804
Delta R.T. -0.036 min
Lab File: VY016045.D
Acq: 19 Oct 2023 18:20

Tgt Ion: 91 Resp: 278560
Ion Ratio Lower Upper
91 100
126 0.0 17.2 51.6#

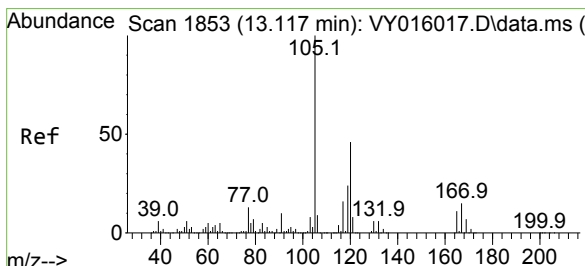
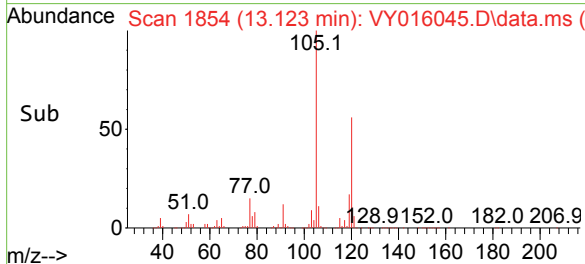
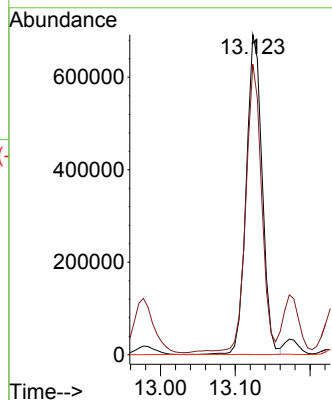
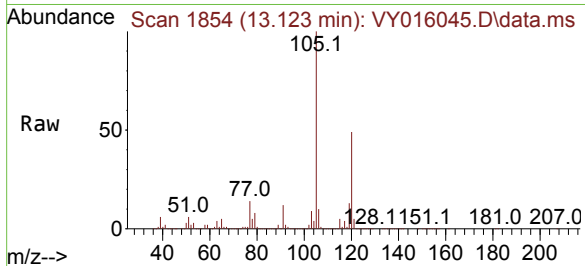




#83
 tert-Butylbenzene
 Concen: 172.304 ug/l
 RT: 13.123 min Scan# 1854
 Delta R.T. 0.049 min
 Lab File: VY016045.D
 Acq: 19 Oct 2023 18:20

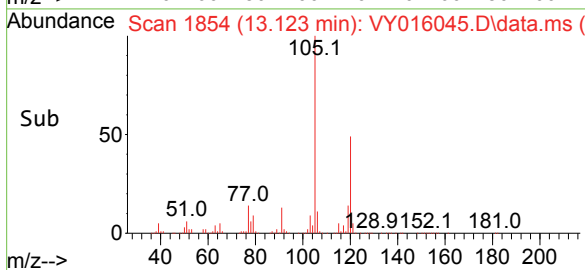
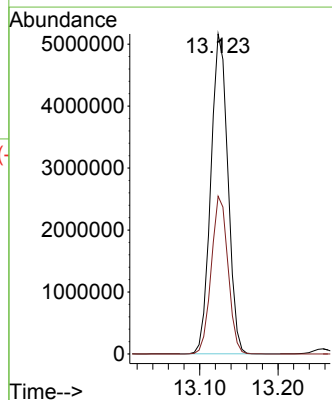
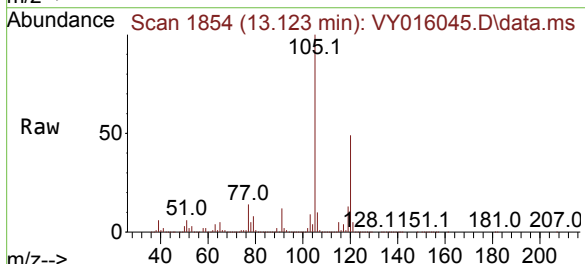
Instrument :
 MSVOA_Y
 ClientSampleId :

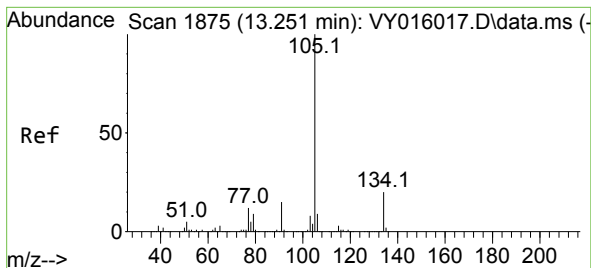
Tgt Ion:119 Resp: 1021133
 Ion Ratio Lower Upper
 119 100
 91 90.1 32.9 98.6
 134 0.0 13.0 38.9#



#84
 1,2,4-Trimethylbenzene
 Concen: 1159.515 ug/l
 RT: 13.123 min Scan# 1854
 Delta R.T. 0.006 min
 Lab File: VY016045.D
 Acq: 19 Oct 2023 18:20

Tgt Ion:105 Resp: 7782020
 Ion Ratio Lower Upper
 105 100
 120 48.3 22.2 66.6





#85

sec-Butylbenzene

Concen: 879.217 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. -0.128 min

Lab File: VY016045.D

Acq: 19 Oct 2023 18:20

Instrument :

MSVOA_Y

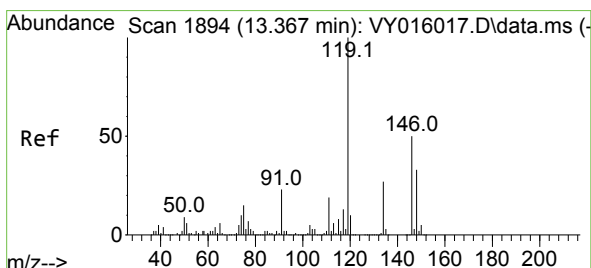
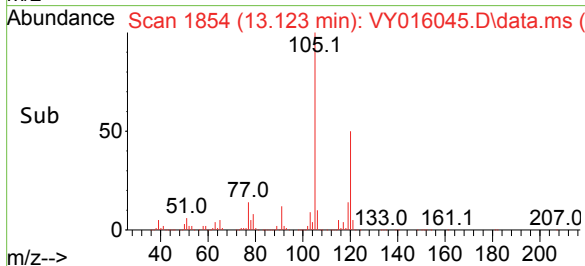
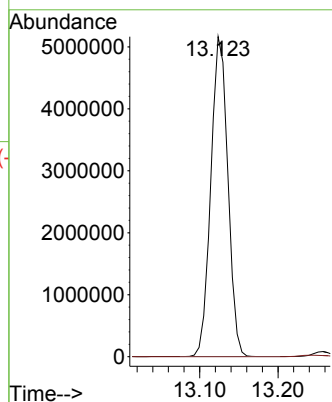
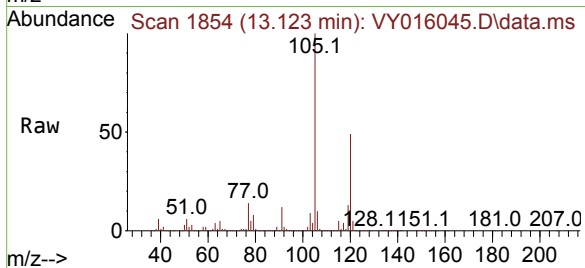
ClientSampleId :

Tgt Ion:105 Resp: 7782020

Ion Ratio Lower Upper

105 100

134 0.0 10.2 30.6#



#86

p-Isopropyltoluene

Concen: 62.513 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.006 min

Lab File: VY016045.D

Acq: 19 Oct 2023 18:20

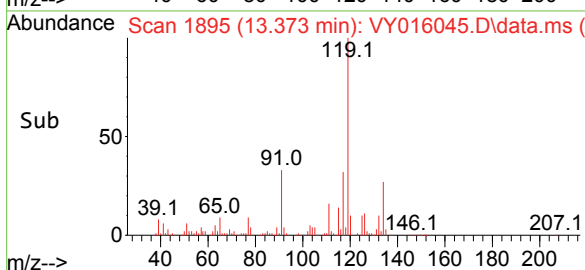
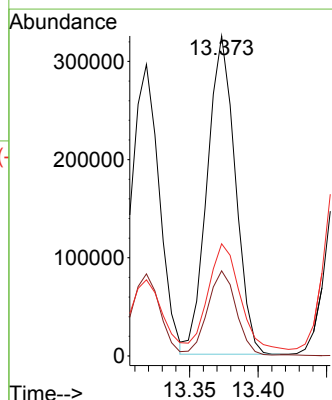
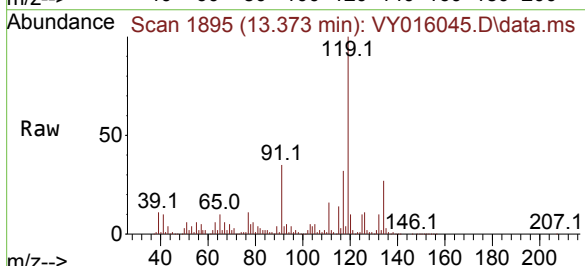
Tgt Ion:119 Resp: 462388

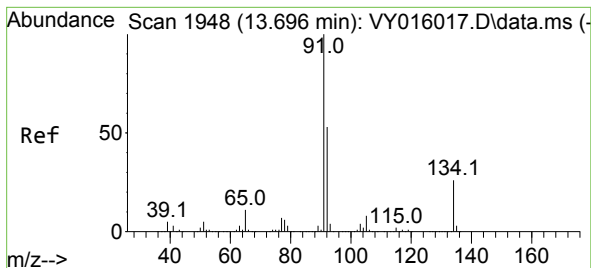
Ion Ratio Lower Upper

119 100

134 27.6 13.3 39.8

91 36.4 12.4 37.4





#89

n-Butylbenzene

Concen: 65.241 ug/l

RT: 13.703 min Scan# 1948

Delta R.T. 0.006 min

Lab File: VY016045.D

Acq: 19 Oct 2023 18:20

Instrument :

MSVOA_Y

ClientSampleId :

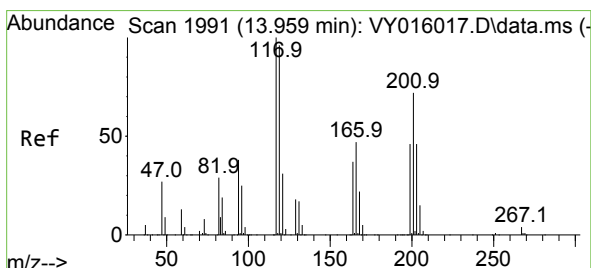
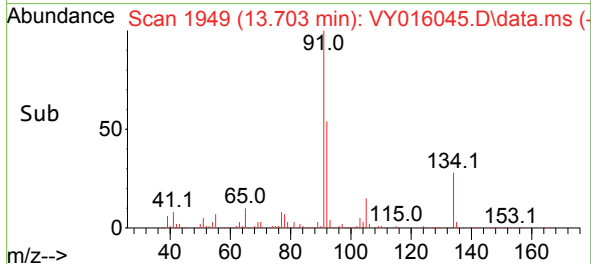
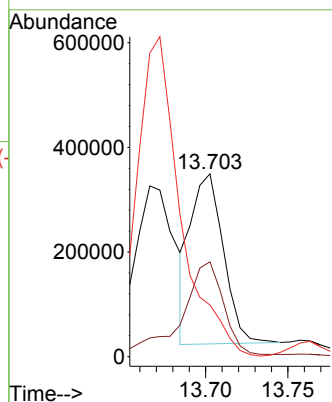
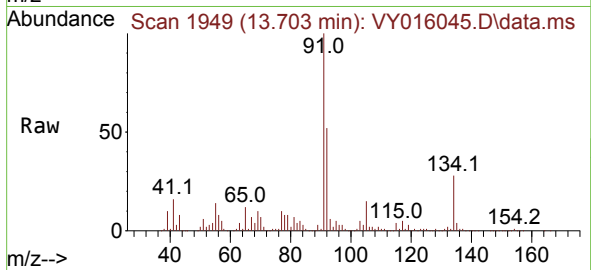
Tgt Ion: 91 Resp: 449243

Ion Ratio Lower Upper

91 100

92 68.5 25.4 76.0

134 0.0 12.6 37.6#



#90

Hexachloroethane

Concen: 371.135 ug/l

RT: 13.971 min Scan# 1993

Delta R.T. 0.012 min

Lab File: VY016045.D

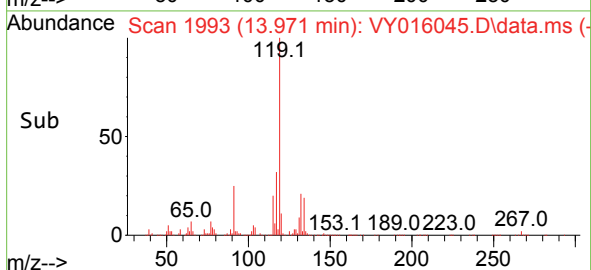
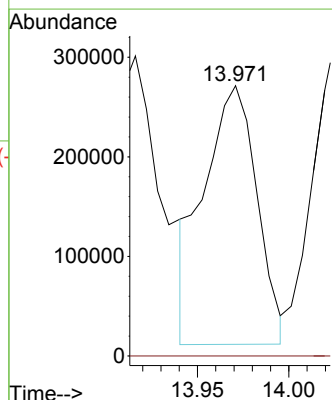
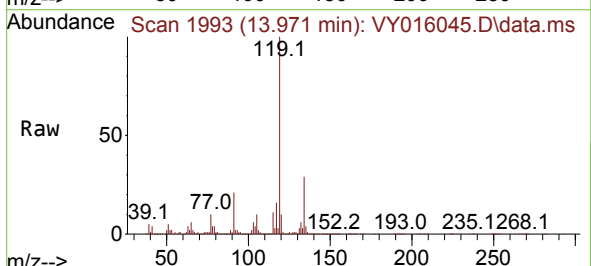
Acq: 19 Oct 2023 18:20

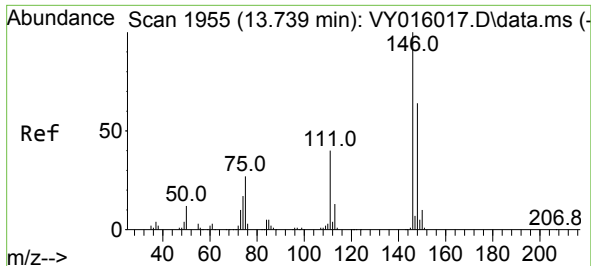
Tgt Ion: 117 Resp: 523309

Ion Ratio Lower Upper

117 100

201 0.0 41.6 124.8#

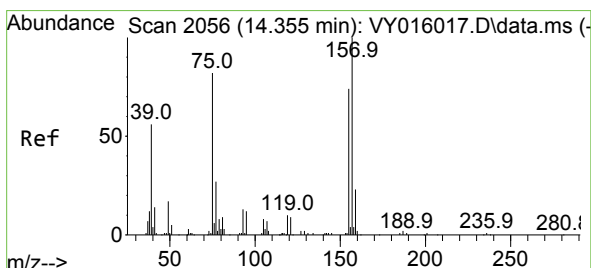
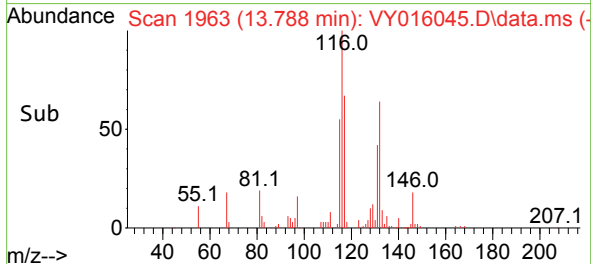
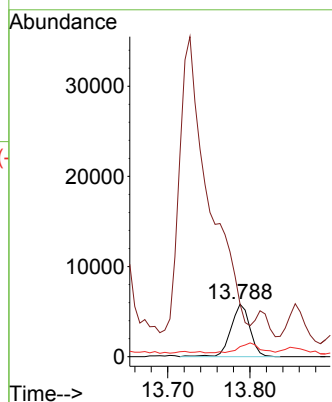
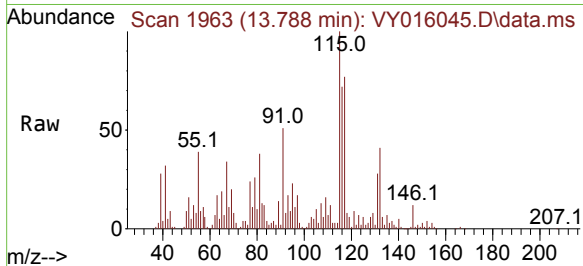




#91
1,2-Dichlorobenzene
Concen: 2.643 ug/l
RT: 13.788 min Scan# 1955
Delta R.T. 0.049 min
Lab File: VY016045.D
Acq: 19 Oct 2023 18:20

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:146 Resp: 9350
Ion Ratio Lower Upper
146 100
111 0.0 19.7 59.0#
148 0.0 32.0 96.2#



#92
1,2-Dibromo-3-Chloropropane
Concen: 71.253 ug/l
RT: 14.337 min Scan# 2053
Delta R.T. -0.018 min
Lab File: VY016045.D
Acq: 19 Oct 2023 18:20

Tgt Ion: 75 Resp: 27719
Ion Ratio Lower Upper
75 100
155 2.7 41.5 124.6#
157 0.0 51.8 155.5#

