

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102723\
 Data File : VY016117.D
 Acq On : 27 Oct 2023 20:27
 Operator : SY/MD
 Sample : 05107-09
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 30 06:14:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102623S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 27 04:12:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	188271	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	302522	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	249813	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	97594	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	106320	56.792	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 113.580%	
35) Dibromofluoromethane	7.722	113	94461	49.461	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 98.920%	
50) Toluene-d8	10.185	98	405522	57.324	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 114.640%	
62) 4-Bromofluorobenzene	12.483	95	116463	47.993	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 95.980%	

Target Compounds				Qvalue		
11) Tert butyl alcohol	4.954	59	2624	Below Cal	#	89
13) Acrolein	3.710	56	980	4.203	ug/l #	1
14) Allyl chloride	4.588	41	3257	1.295	ug/l #	77
15) Acrylonitrile	5.247	53	6542	13.669	ug/l #	43
16) Acetone	3.954	43	49804	98.150	ug/l	92
17) Carbon Disulfide	4.198	76	25409	5.710	ug/l	98
20) Methylene Chloride	4.722	84	24184	7.254	ug/l #	83
25) 2-Butanone	6.996	43	24481	35.747	ug/l	91
26) 2,2-Dichloropropane	6.972	77	4164	1.352	ug/l #	54
31) Cyclohexane	7.789	56	625676	212.439	ug/l	92
36) 1,1-Dichloropropene	7.795	75	14316	5.378	ug/l #	49
37) Ethyl Acetate	6.996	43	24481	17.941	ug/l #	87
38) Carbon Tetrachloride	7.795	117	18259	6.486	ug/l #	16
39) Methylcyclohexane	9.191	83	1500124	462.554	ug/l	92
40) Benzene	8.167	78	16000375	2122.887	ug/l	91
41) Methacrylonitrile	7.374	41	1534	2.148	ug/l #	4
42) 1,2-Dichloroethane	8.167	62	146936	67.469	ug/l #	78
43) Isopropyl Acetate	8.271	43	38984	15.280	ug/l #	55
45) 1,2-Dichloropropane	9.191	63	13593	7.126	ug/l #	1
48) Methyl methacrylate	9.246	41	40177	34.182	ug/l #	32
51) 4-Methyl-2-Pentanone	10.075	43	111766	83.022	ug/l	89
52) Toluene	10.252	92	12467663	2576.022	ug/l #	74
53) t-1,3-Dichloropropene	10.252	75	165463	59.817	ug/l #	1
55) 1,1,2-Trichloroethane	10.624	97	153910	96.848	ug/l #	18
56) Ethyl methacrylate	10.526	69	85223	41.727	ug/l #	61
59) 2-Hexanone	10.807	43	153535	154.825	ug/l #	34
67) Ethyl Benzene	11.593	91	3215888	368.804	ug/l	97
68) m/p-Xylenes	11.703	106	6224098	1844.465	ug/l	86
69) o-Xylene	12.032	106	3113698	963.827	ug/l	93
70) Styrene	12.044	104	775722	144.050	ug/l #	45
73) Isopropylbenzene	12.331	105	380241	55.362	ug/l	99
74) N-amyl acetate	12.123	43	91407	54.580	ug/l #	53
75) 1,1,2,2-Tetrachloroethane	12.532	83	7388	5.262	ug/l #	40
76) 1,2,3-Trichloropropane	12.672	75	3716	3.729	ug/l #	100
77) Bromobenzene	12.422	156	1010951	630.681	ug/l #	1
78) n-propylbenzene	12.672	91	658919	79.233	ug/l	99

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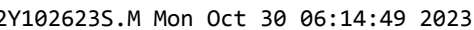
Quant Time: Oct 30 06:14:39 2023
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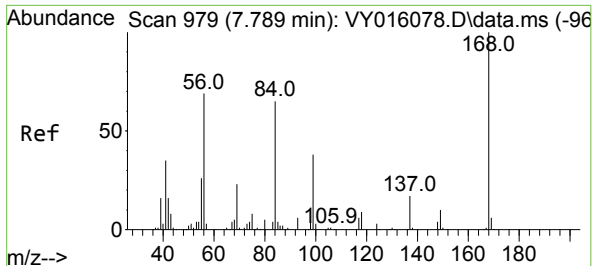
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	

79) 2-Chlorotoluene	12.739	91	267688	57.474	ug/l	#	42
80) 1,3,5-Trimethylbenzene	12.812	105	2455906	430.677	ug/l		97
81) trans-1,4-Dichloro-2-b...	12.398	75	2382	5.195	ug/l	#	90
82) 4-Chlorotoluene	13.081	91	39941	8.269	ug/l		71
83) tert-Butylbenzene	13.075	119	48734	9.615	ug/l		84
84) 1,2,4-Trimethylbenzene	13.123	105	4891466	868.531	ug/l		96
85) sec-Butylbenzene	13.257	105	171003	22.651	ug/l	#	54
86) p-Isopropyltoluene	13.373	119	211571	33.585	ug/l		98
88) 1,4-Dichlorobenzene	13.446	146	6333	1.980	ug/l	#	1
89) n-Butylbenzene	13.696	91	106326	18.094	ug/l	#	56
90) Hexachloroethane	13.971	117	57954	47.253	ug/l	#	8
92) 1,2-Dibromo-3-Chloropr...	14.336	75	8185	37.134	ug/l	#	3
93) 1,2,4-Trichlorobenzene	15.025	180	2977	1.679	ug/l	#	1
95) Naphthalene	15.233	128	18885856	5462.010	ug/l	#	88
96) 1,2,3-Trichlorobenzene	15.391	180	6277	4.105	ug/l	#	1

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

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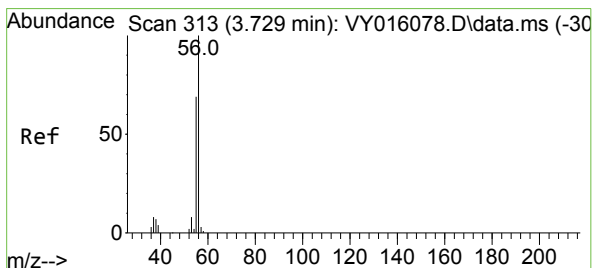
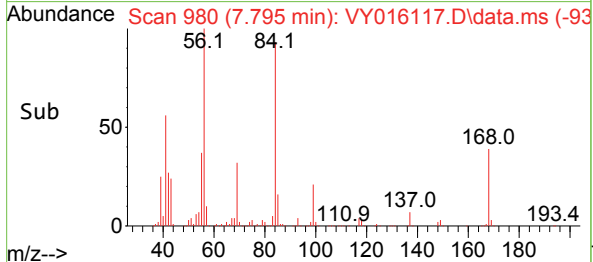
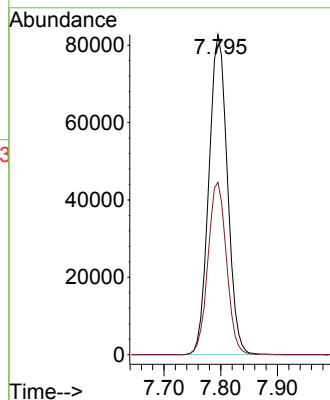
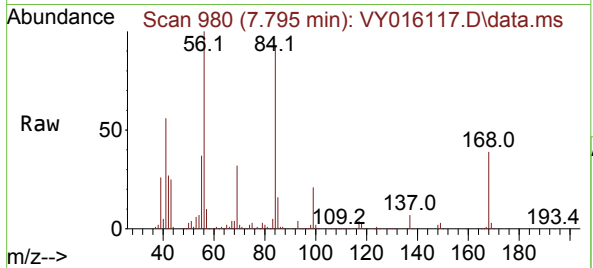




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
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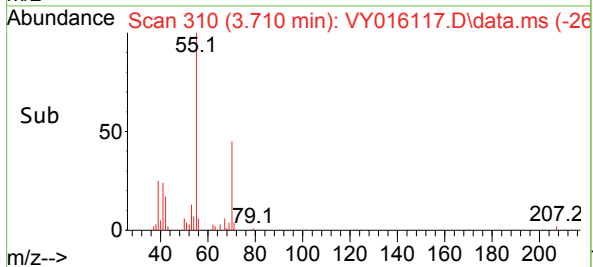
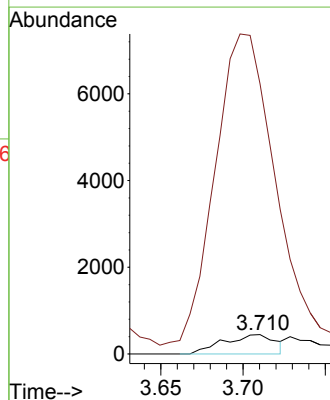
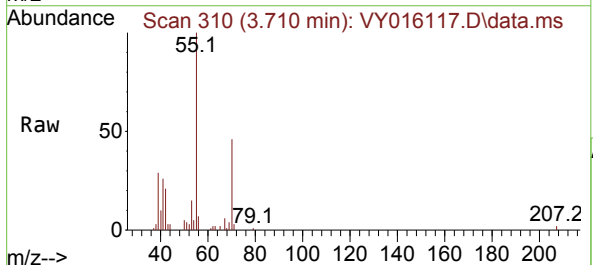
Instrument :
MSVOA_Y
ClientSampleId :

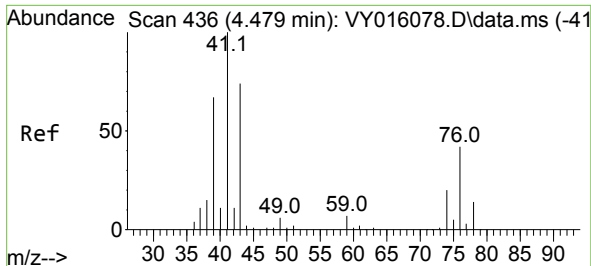
Tgt Ion:168 Resp: 188271
Ion Ratio Lower Upper
168 100
99 53.8 43.4 65.0



#13
Acrolein
Concen: 4.203 ug/l
RT: 3.710 min Scan# 310
Delta R.T. -0.018 min
Lab File: VY016117.D
Acq: 27 Oct 2023 20:27

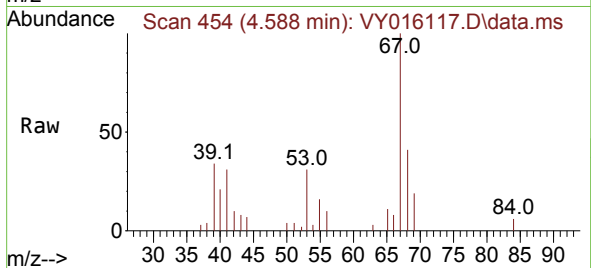
Tgt Ion: 56 Resp: 980
Ion Ratio Lower Upper
56 100
55 2033.2 57.0 85.4#



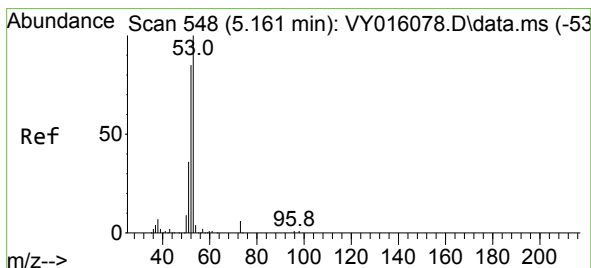
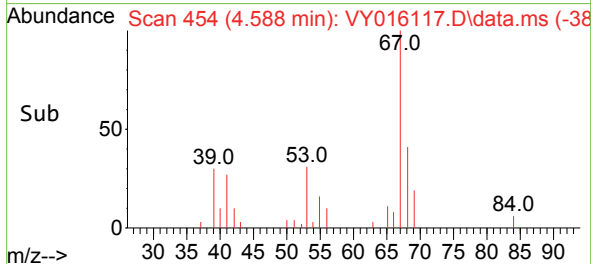
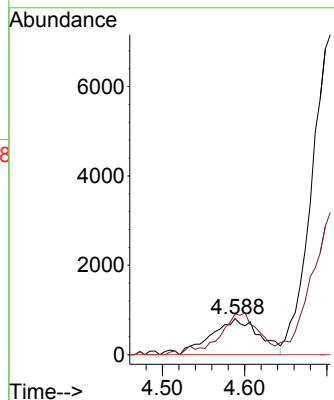


#14
 Allyl chloride
 Concen: 1.295 ug/l
 RT: 4.588 min Scan# 41
 Delta R.T. 0.110 min
 Lab File: VY016117.D
 Acq: 27 Oct 2023 20:27

Instrument :
 MSVOA_Y
 ClientSampleId :

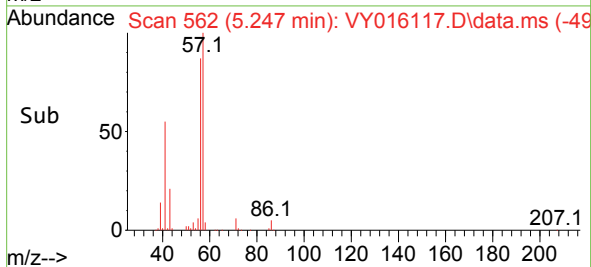
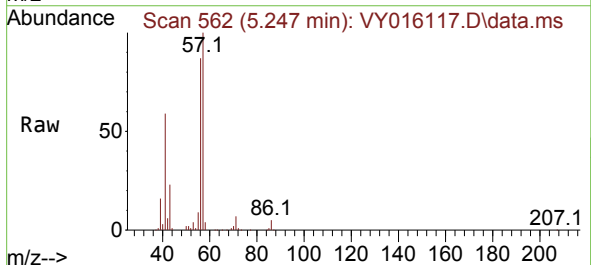
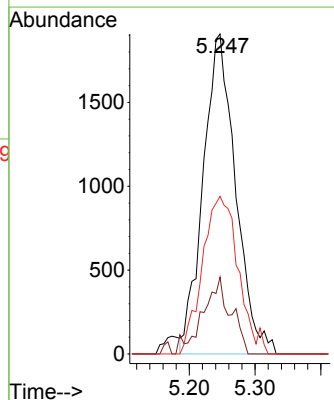


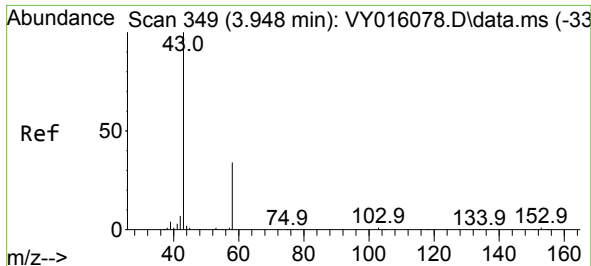
Tgt Ion: 41 Resp: 3257
 Ion Ratio Lower Upper
 41 100
 39 68.1 58.0 87.0
 76 0.0 27.4 41.2#



#15
 Acrylonitrile
 Concen: 13.669 ug/l
 RT: 5.247 min Scan# 562
 Delta R.T. 0.085 min
 Lab File: VY016117.D
 Acq: 27 Oct 2023 20:27

Tgt Ion: 53 Resp: 6542
 Ion Ratio Lower Upper
 53 100
 52 20.6 66.9 100.3#
 51 54.4 29.8 44.6#

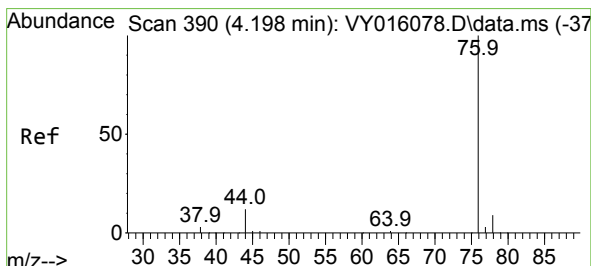
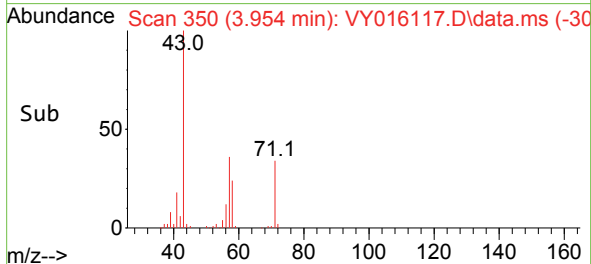
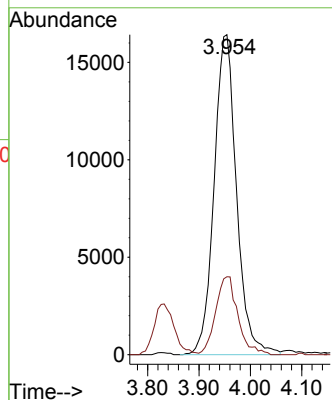
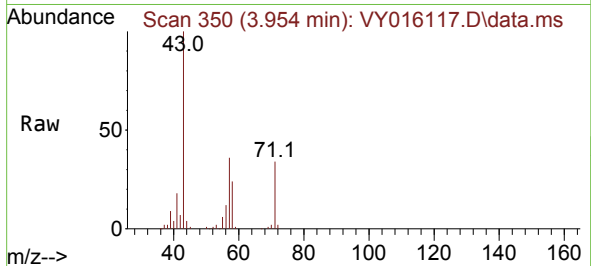




#16
Acetone
Concen: 98.150 ug/l
RT: 3.954 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY016117.D
Acq: 27 Oct 2023 20:27

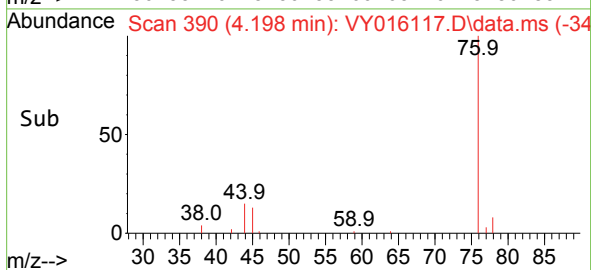
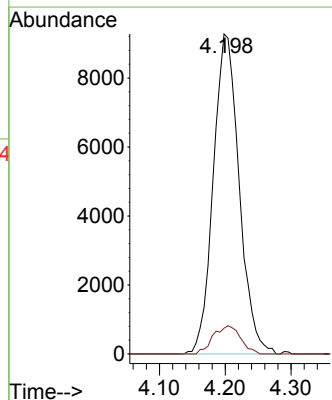
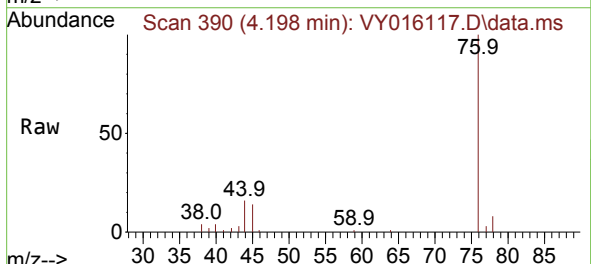
Instrument :
MSVOA_Y
ClientSampleId :

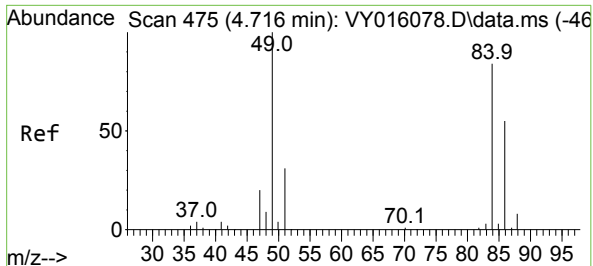
Tgt Ion: 43 Resp: 49804
Ion Ratio Lower Upper
43 100
58 24.4 22.7 34.1



#17
Carbon Disulfide
Concen: 5.710 ug/l
RT: 4.198 min Scan# 390
Delta R.T. -0.000 min
Lab File: VY016117.D
Acq: 27 Oct 2023 20:27

Tgt Ion: 76 Resp: 25409
Ion Ratio Lower Upper
76 100
78 8.1 7.0 10.4





#20

Methylene Chloride

Concen: 7.254 ug/l

RT: 4.722 min Scan# 41

Delta R.T. 0.006 min

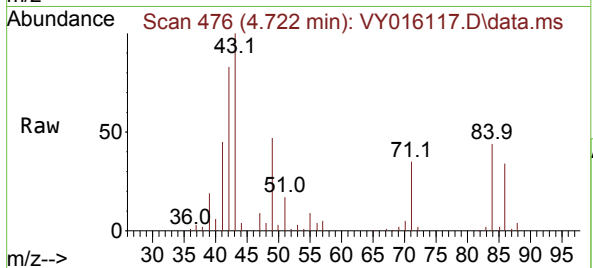
Lab File: VY016117.D

Acq: 27 Oct 2023 20:27

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 84 Resp: 24184

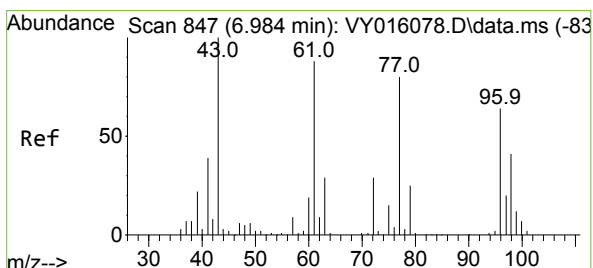
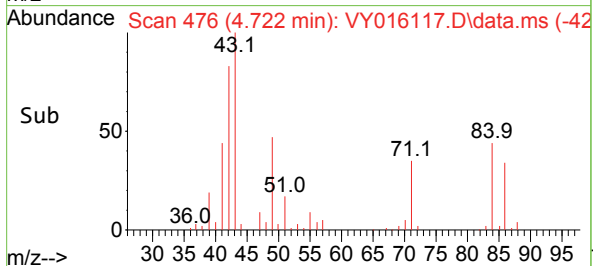
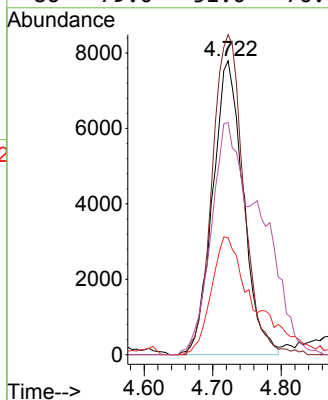
Ion Ratio Lower Upper

84 100

49 108.9 106.9 160.3

51 39.8 33.2 49.8

86 79.0 51.0 76.6#



#25

2-Butanone

Concen: 35.747 ug/l

RT: 6.996 min Scan# 849

Delta R.T. 0.012 min

Lab File: VY016117.D

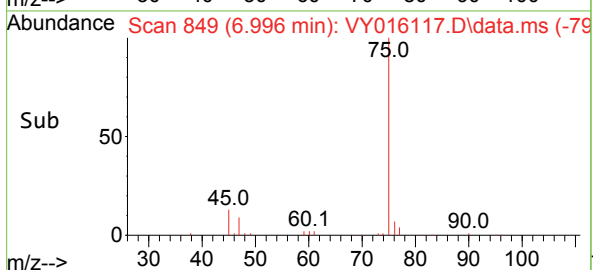
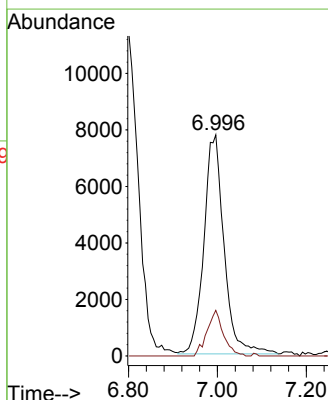
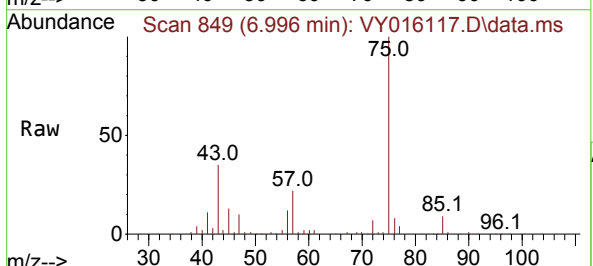
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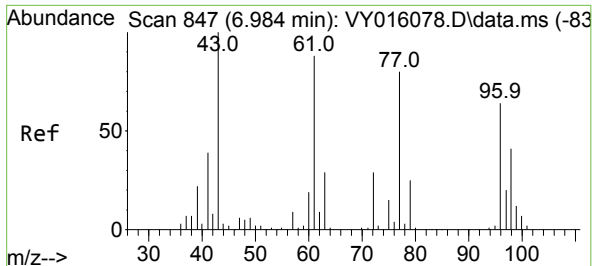
Tgt Ion: 43 Resp: 24481

Ion Ratio Lower Upper

43 100

72 20.9 20.5 30.7





#26

2,2-Dichloropropane

Concen: 1.352 ug/l

RT: 6.972 min Scan# 847

Delta R.T. -0.012 min

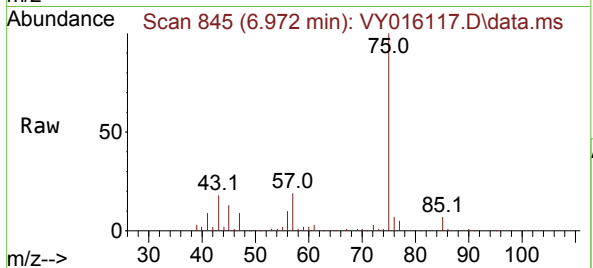
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Acq: 27 Oct 2023 20:27

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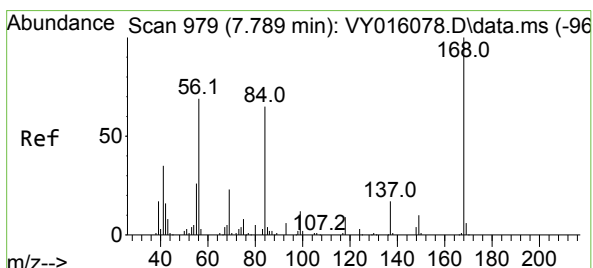
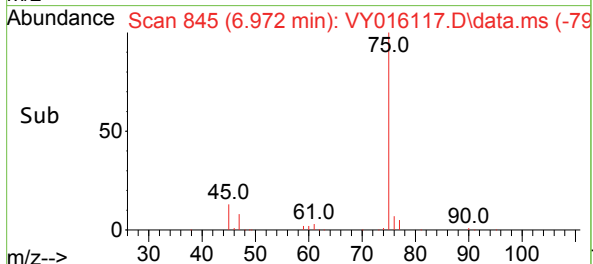
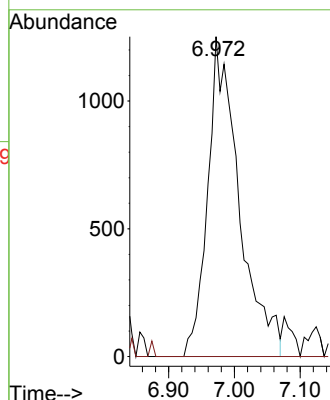


Tgt Ion: 77 Resp: 4164

Ion Ratio Lower Upper

77 100

97 0.0 10.9 32.9#



#31

Cyclohexane

Concen: 212.439 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.000 min

Lab File: VY016117.D

Acq: 27 Oct 2023 20:27

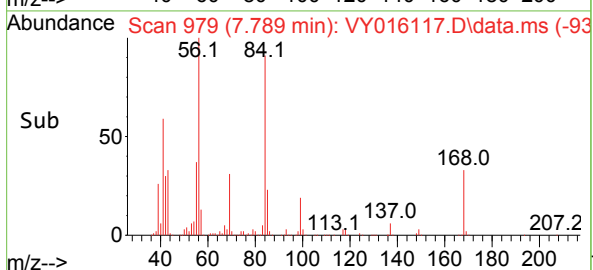
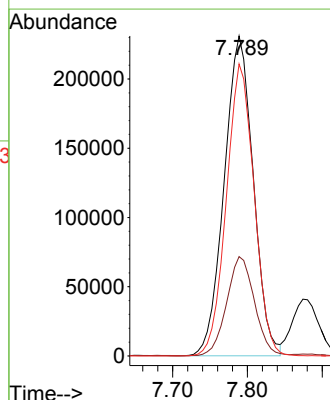
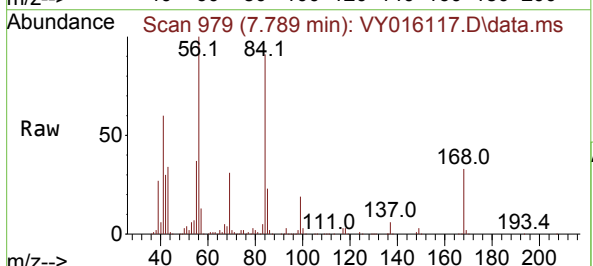
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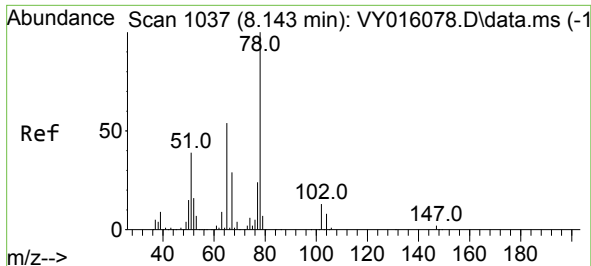
Ion Ratio Lower Upper

56 100

69 31.0 27.8 41.6

84 91.3 66.4 99.6

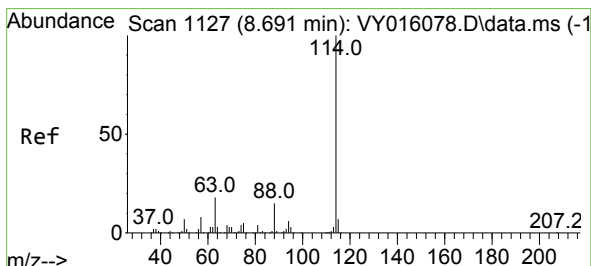
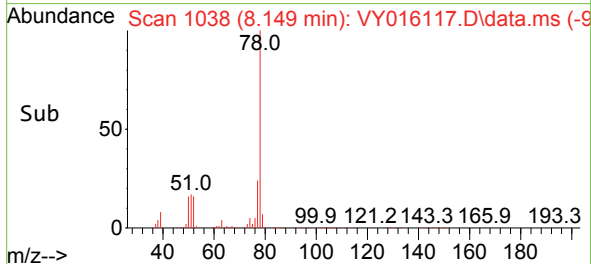
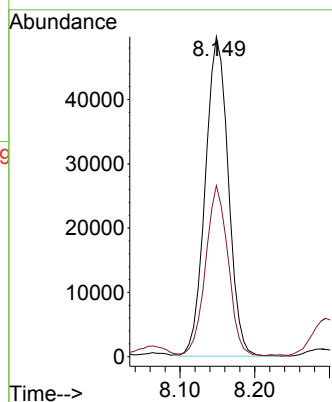
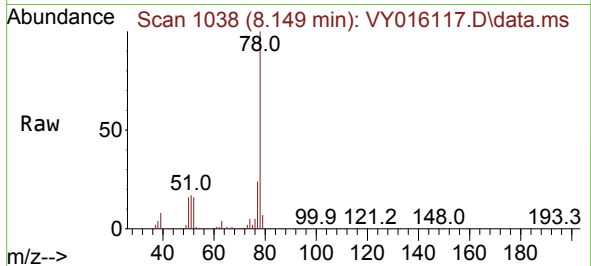




#33
1,2-Dichloroethane-d4
Concen: 56.792 ug/l
RT: 8.149 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY016117.D
Acq: 27 Oct 2023 20:27

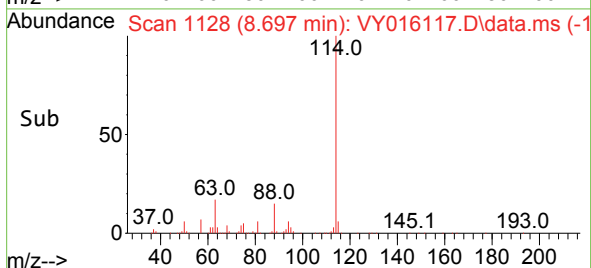
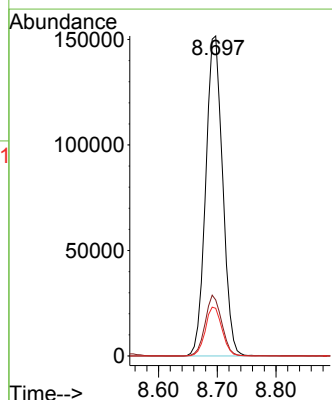
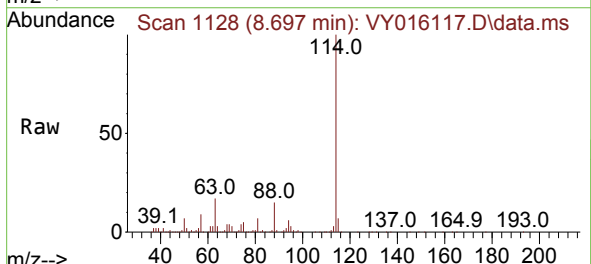
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MSVOA_Y
ClientSampleId :

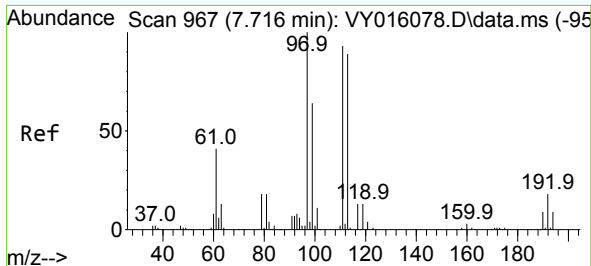
Tgt Ion: 65 Resp: 106320
Ion Ratio Lower Upper
65 100
67 51.8 0.0 101.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VY016117.D
Acq: 27 Oct 2023 20:27

Tgt Ion:114 Resp: 302522
Ion Ratio Lower Upper
114 100
63 17.5 0.0 42.4
88 14.9 0.0 30.6

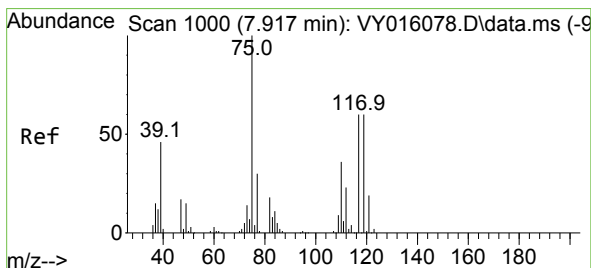
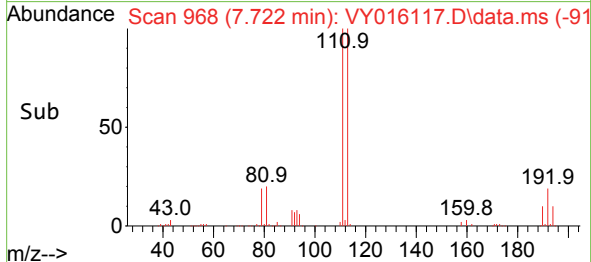
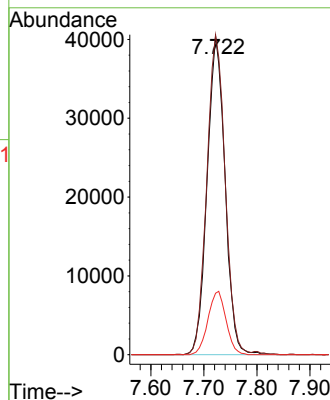
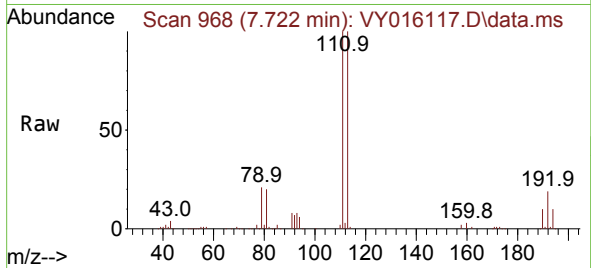




#35
Dibromofluoromethane
Concen: 49.461 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016117.D
Acq: 27 Oct 2023 20:27

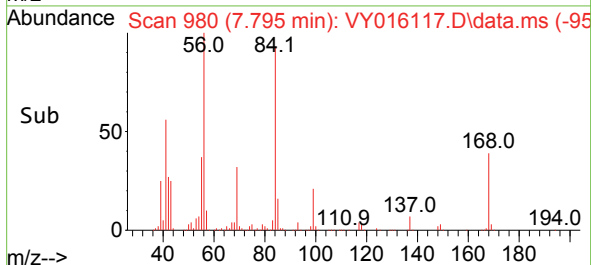
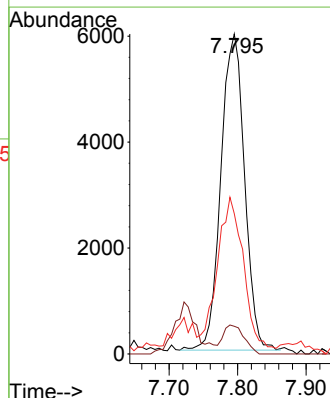
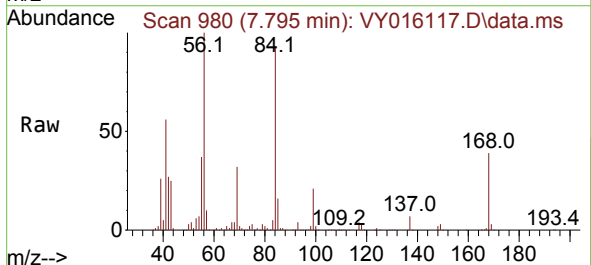
Instrument :
MSVOA_Y
ClientSampleId :

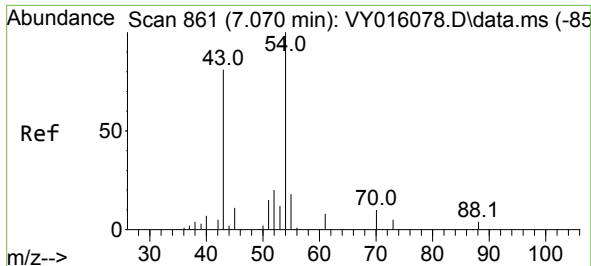
Tgt Ion:113 Resp: 94461
Ion Ratio Lower Upper
113 100
111 103.2 81.3 121.9
192 20.1 16.9 25.3



#36
1,1-Dichloropropene
Concen: 5.378 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.122 min
Lab File: VY016117.D
Acq: 27 Oct 2023 20:27

Tgt Ion: 75 Resp: 14316
Ion Ratio Lower Upper
75 100
110 8.0 17.8 53.5#
77 0.0 24.4 36.6#





#37

Ethyl Acetate

Concen: 17.941 ug/l

RT: 6.996 min Scan# 84

Delta R.T. -0.073 min

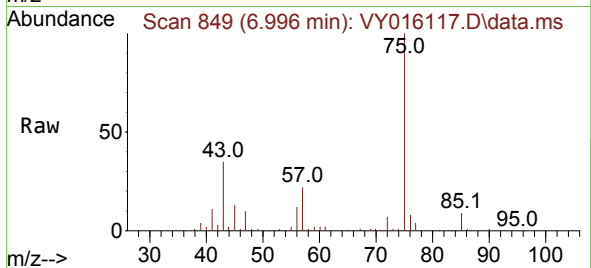
Lab File: VY016117.D

Acq: 27 Oct 2023 20:27

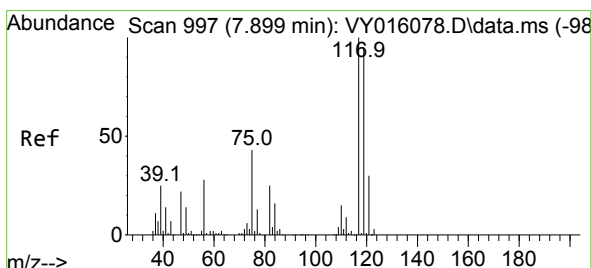
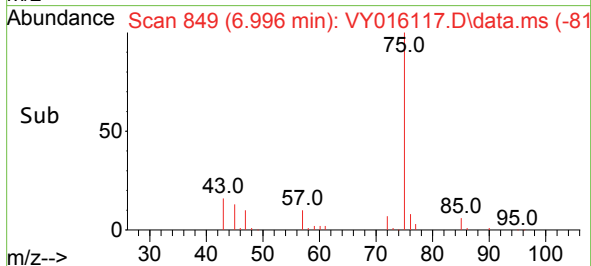
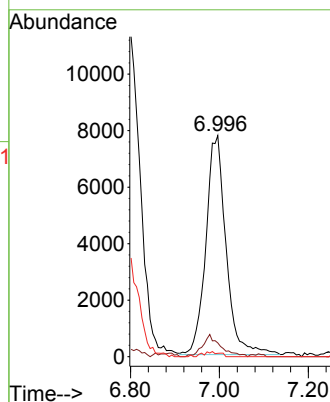
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 43	Resp: 24481
Ion Ratio	Lower Upper
43	100
61	9.1 10.1 15.1#
70	1.8 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 6.486 ug/l

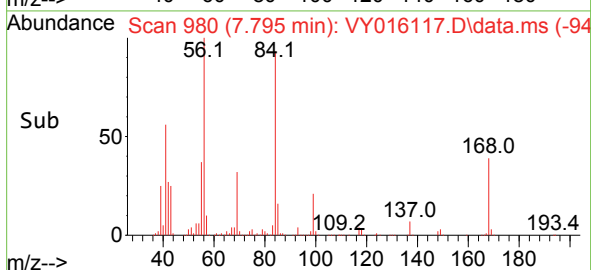
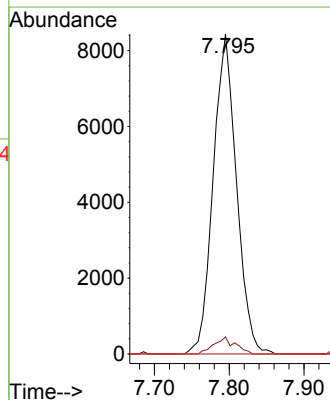
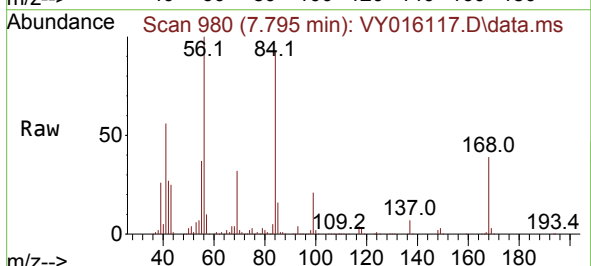
RT: 7.795 min Scan# 980

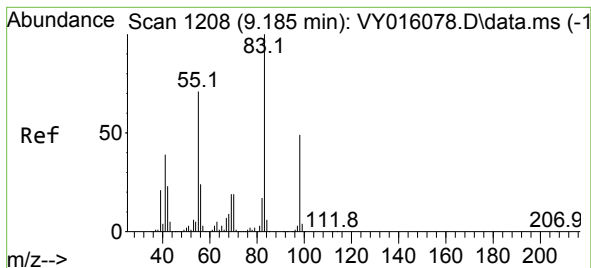
Delta R.T. -0.104 min

Lab File: VY016117.D

Acq: 27 Oct 2023 20:27

Tgt Ion: 117	Resp: 18259
Ion Ratio	Lower Upper
117	100
119	5.3 76.4 114.6#
121	0.0 25.8 38.6#





#39

Methylcyclohexane

Concen: 462.554 ug/l

RT: 9.191 min Scan# 11

Delta R.T. 0.006 min

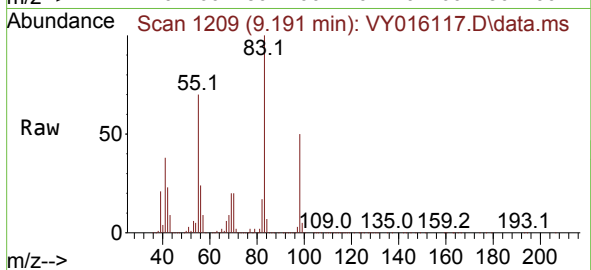
Lab File: VY016117.D

Acq: 27 Oct 2023 20:27

Instrument :

MSVOA_Y

ClientSampleId :



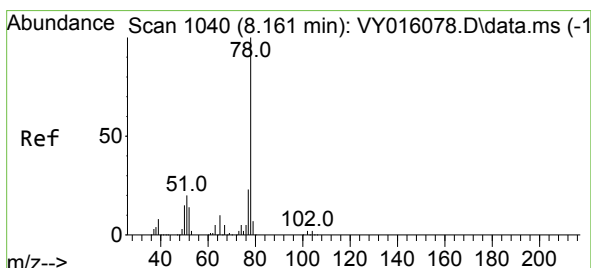
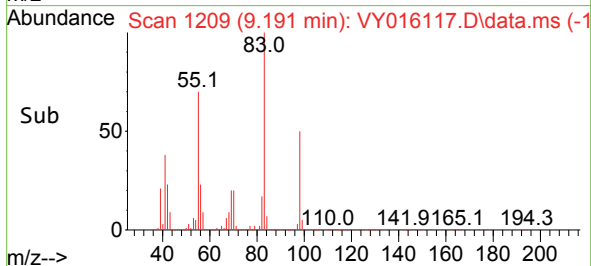
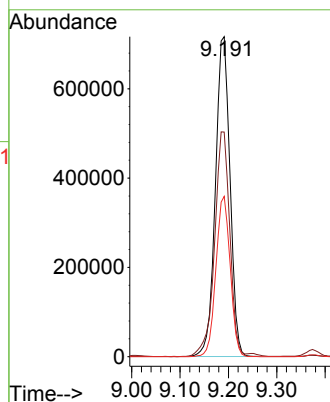
Tgt Ion: 83 Resp: 1500124

Ion Ratio Lower Upper

83 100

55 70.1 63.0 94.4

98 50.1 37.4 56.2



#40

Benzene

Concen: 2122.887 ug/l

RT: 8.167 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VY016117.D

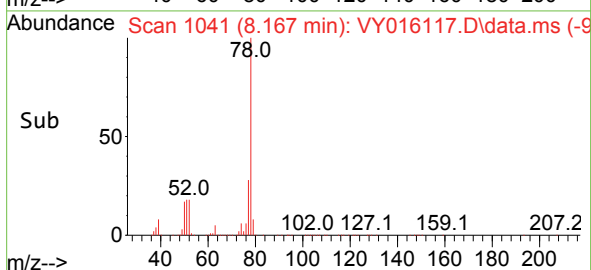
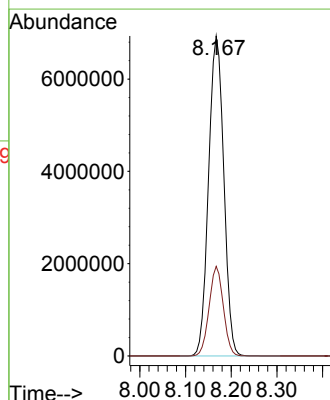
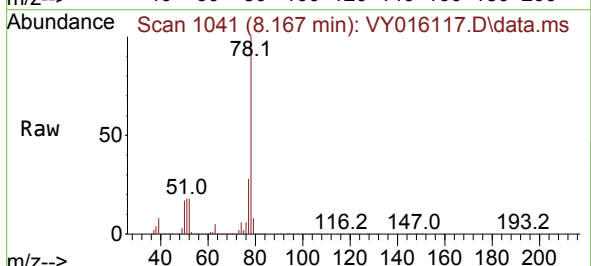
Acq: 27 Oct 2023 20:27

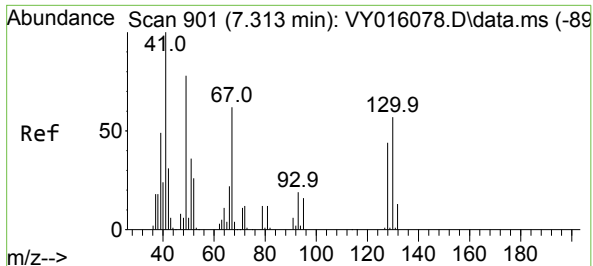
Tgt Ion: 78 Resp:16000375

Ion Ratio Lower Upper

78 100

77 28.0 19.0 28.6

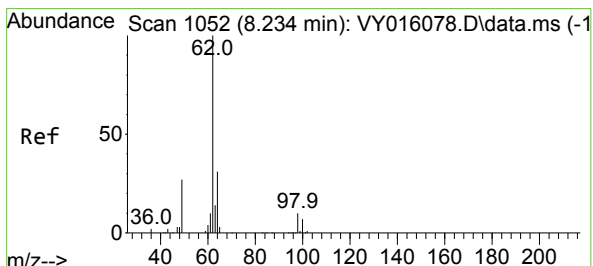
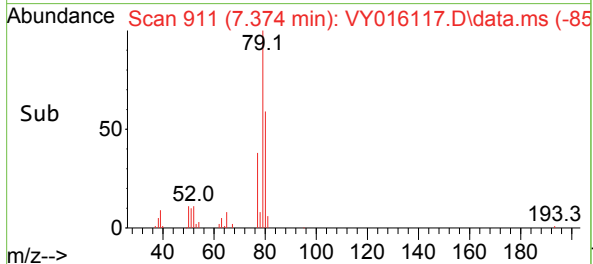
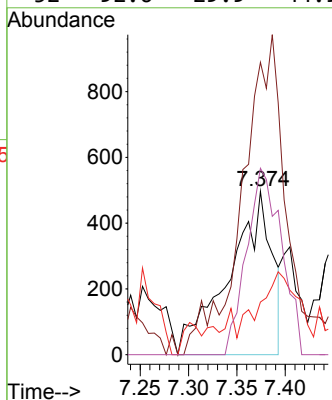
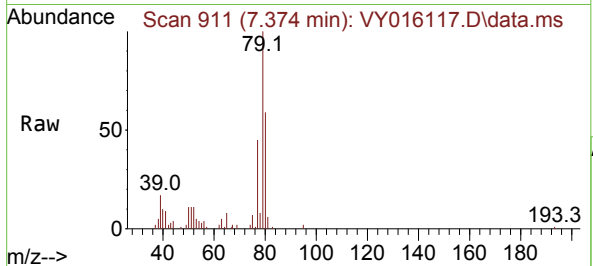




#41
Methacrylonitrile
Concen: 2.148 ug/l
RT: 7.374 min Scan# 911
Delta R.T. 0.061 min
Lab File: VY016117.D
Acq: 27 Oct 2023 20:27

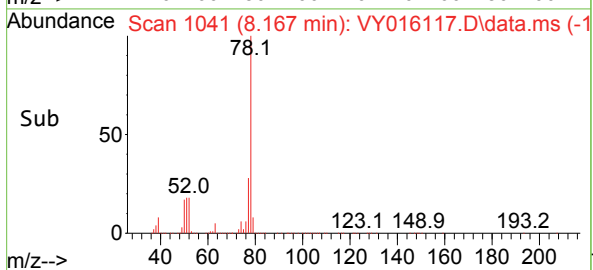
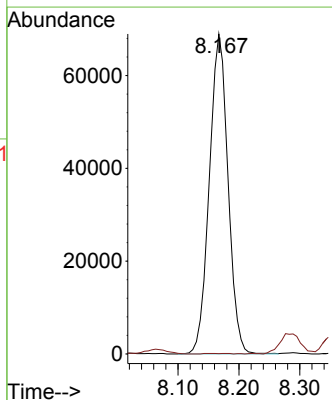
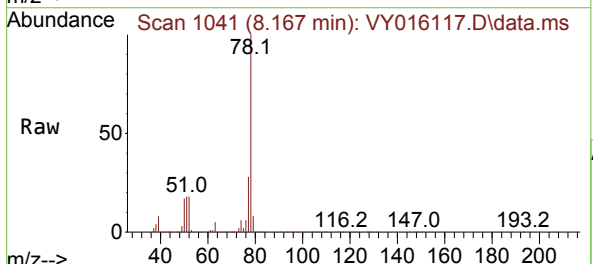
Instrument :
MSVOA_Y
ClientSampleId :

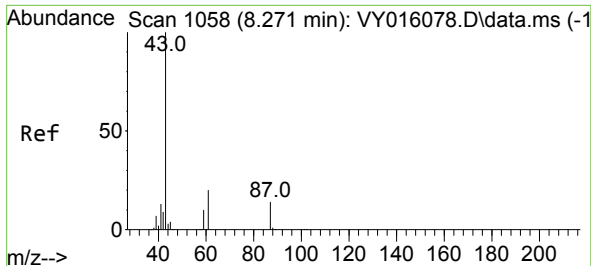
Tgt Ion: 41 Resp: 1534
Ion Ratio Lower Upper
41 100
39 146.0 52.1 78.1#
67 0.0 66.2 99.2#
52 92.6 29.9 44.9#



#42
1,2-Dichloroethane
Concen: 67.469 ug/l
RT: 8.167 min Scan# 1041
Delta R.T. -0.067 min
Lab File: VY016117.D
Acq: 27 Oct 2023 20:27

Tgt Ion: 62 Resp: 146936
Ion Ratio Lower Upper
62 100
98 0.0 0.0 15.8

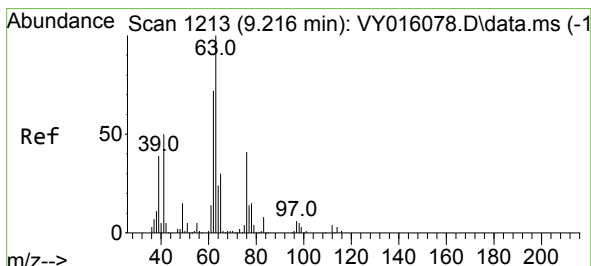
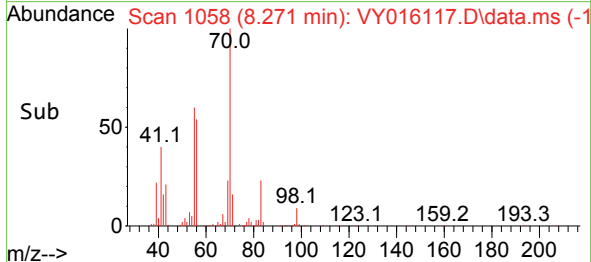
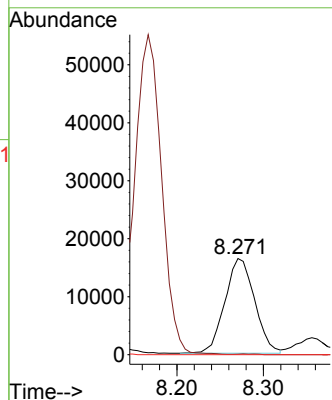
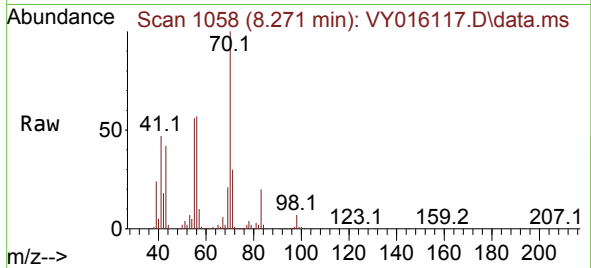




#43
Isopropyl Acetate
Concen: 15.280 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VY016117.D
Acq: 27 Oct 2023 20:27

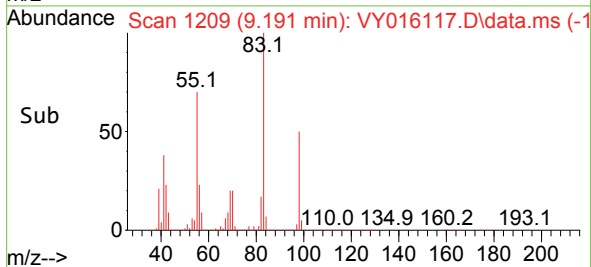
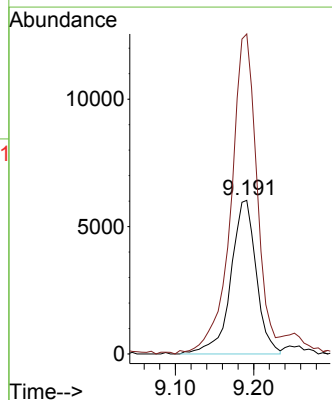
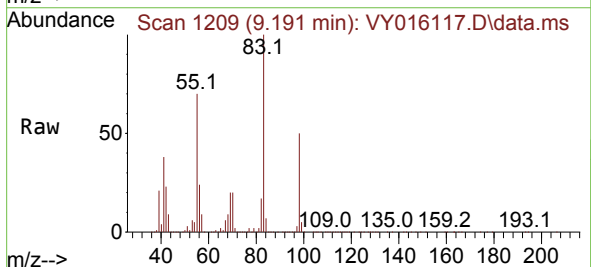
Instrument :
MSVOA_Y
ClientSampleId :

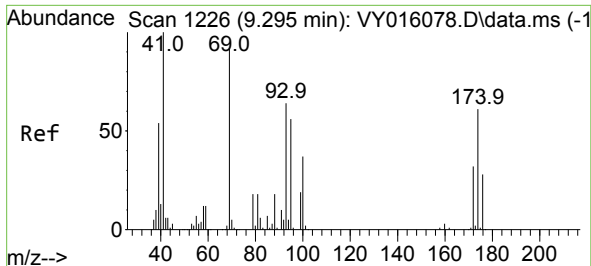
Tgt Ion: 43 Resp: 38984
Ion Ratio Lower Upper
43 100
61 0.0 21.1 31.7#
87 0.0 9.8 14.8#



#45
1,2-Dichloropropane
Concen: 7.126 ug/l
RT: 9.191 min Scan# 1209
Delta R.T. -0.024 min
Lab File: VY016117.D
Acq: 27 Oct 2023 20:27

Tgt Ion: 63 Resp: 13593
Ion Ratio Lower Upper
63 100
65 206.1 23.8 35.6#

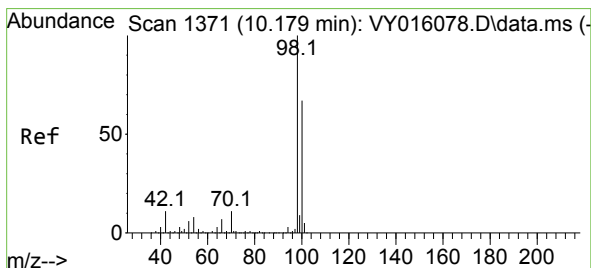
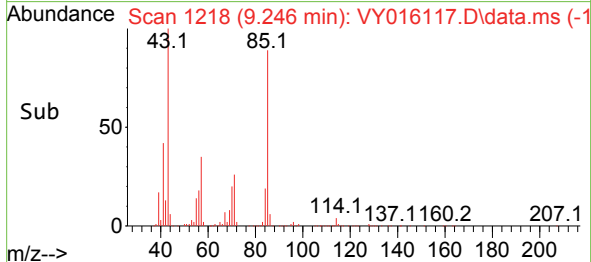
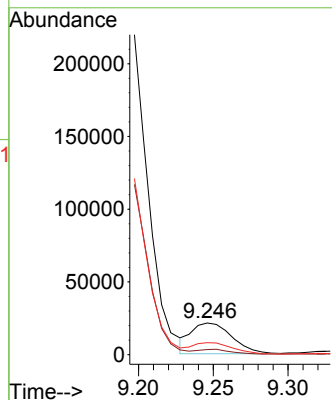
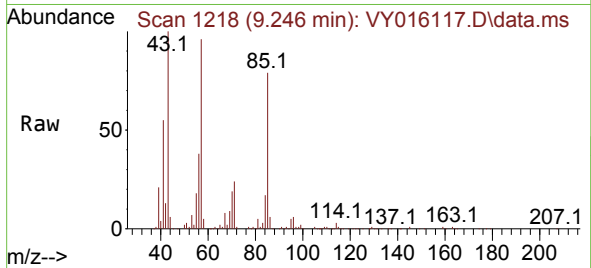




#48
Methyl methacrylate
Concen: 34.182 ug/l
RT: 9.246 min Scan# 11
Delta R.T. -0.049 min
Lab File: VY016117.D
Acq: 27 Oct 2023 20:27

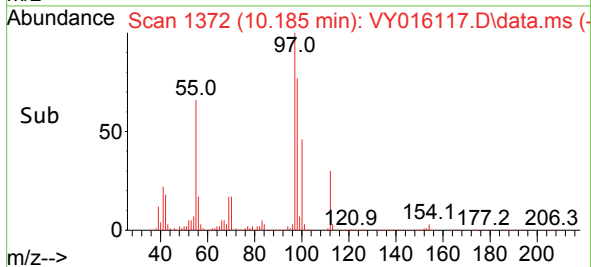
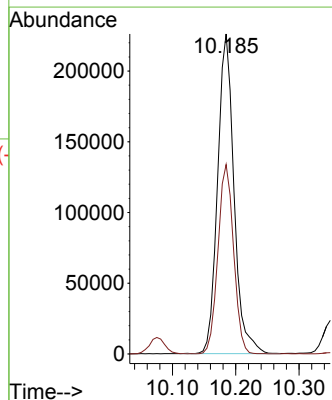
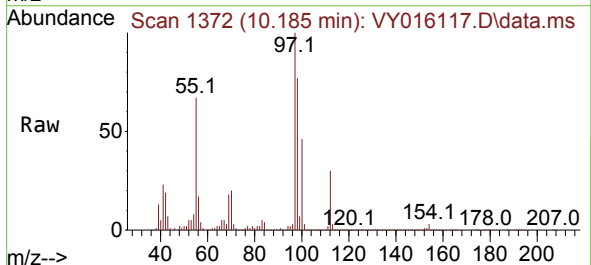
Instrument :
MSVOA_Y
ClientSampleId :

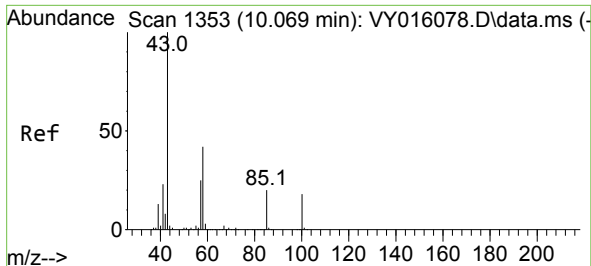
Tgt Ion: 41 Resp: 40177
Ion Ratio Lower Upper
41 100
69 0.0 64.5 96.7#
39 33.5 50.8 76.2#



#50
Toluene-d8
Concen: 57.324 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.006 min
Lab File: VY016117.D
Acq: 27 Oct 2023 20:27

Tgt Ion: 98 Resp: 405522
Ion Ratio Lower Upper
98 100
100 56.3 50.1 75.1

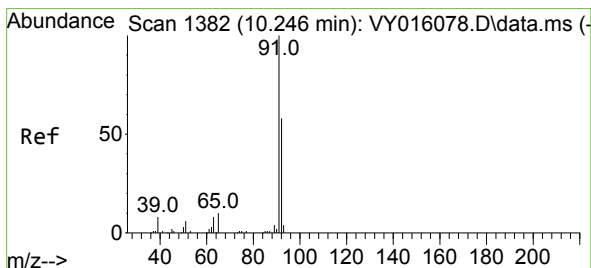
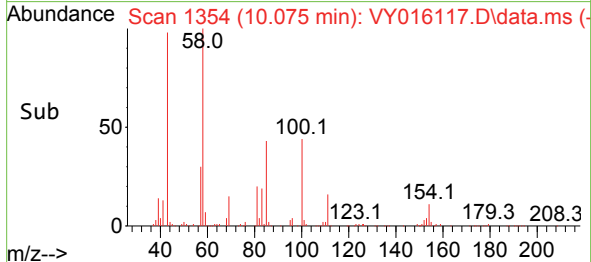
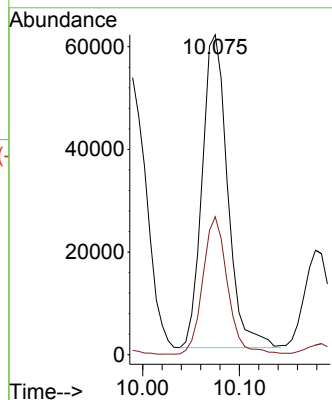
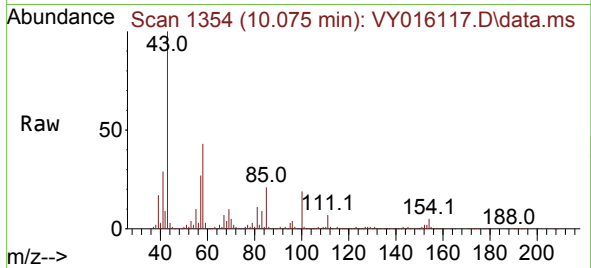




#51
4-Methyl-2-Pentanone
Concen: 83.022 ug/l
RT: 10.075 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016117.D
Acq: 27 Oct 2023 20:27

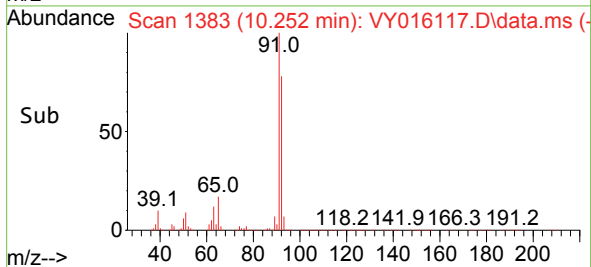
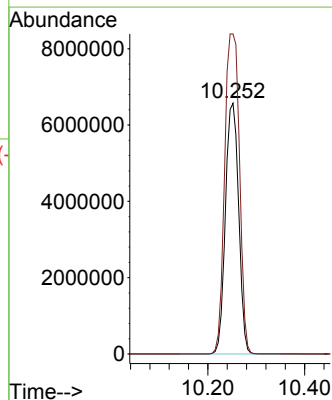
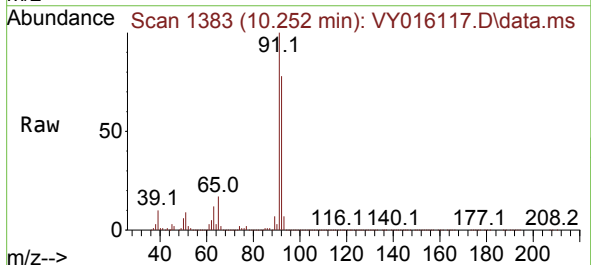
Instrument :
MSVOA_Y
ClientSampleId :

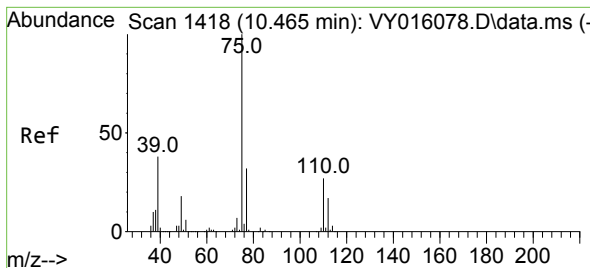
Tgt Ion: 43 Resp: 111766
Ion Ratio Lower Upper
43 100
58 42.5 29.0 43.6



#52
Toluene
Concen: 2576.022 ug/l
RT: 10.252 min Scan# 1383
Delta R.T. 0.006 min
Lab File: VY016117.D
Acq: 27 Oct 2023 20:27

Tgt Ion: 92 Resp:12467663
Ion Ratio Lower Upper
92 100
91 143.2 143.8 215.6#

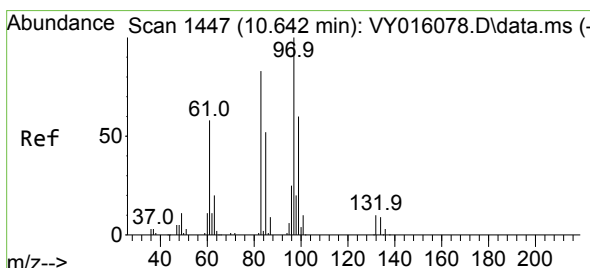
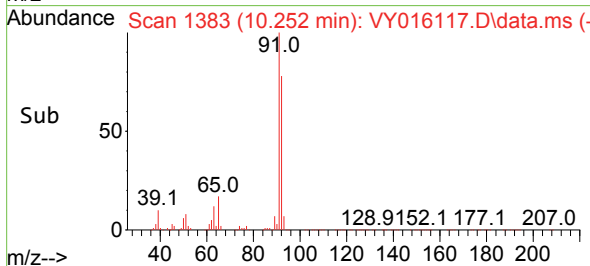
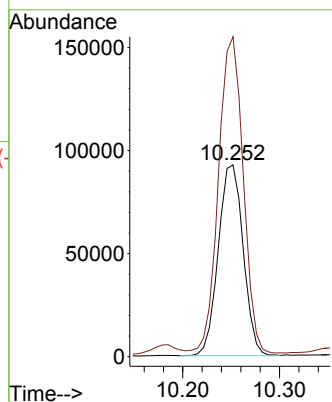
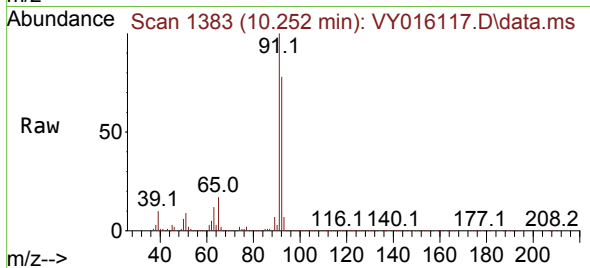




#53
t-1,3-Dichloropropene
Concen: 59.817 ug/l
RT: 10.252 min Scan# 11
Delta R.T. -0.213 min
Lab File: VY016117.D
Acq: 27 Oct 2023 20:27

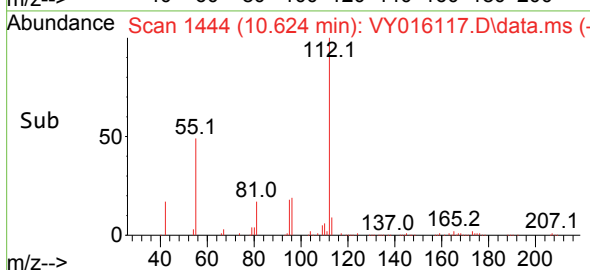
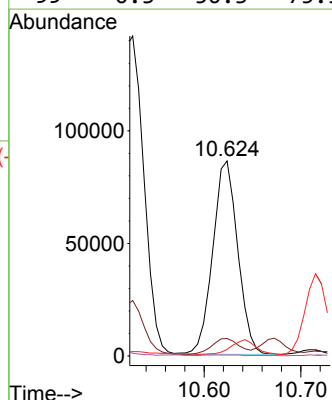
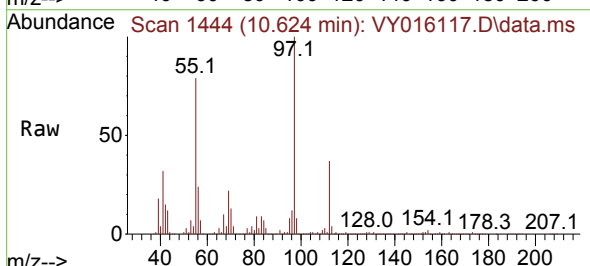
Instrument :
MSVOA_Y
ClientSampleId :

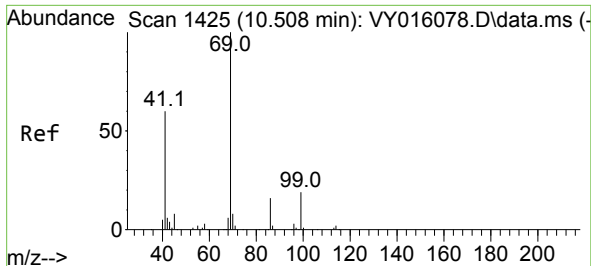
Tgt Ion: 75 Resp: 165463
Ion Ratio Lower Upper
75 100
77 165.6 25.0 37.4#



#55
1,1,2-Trichloroethane
Concen: 96.848 ug/l
RT: 10.624 min Scan# 1444
Delta R.T. -0.018 min
Lab File: VY016117.D
Acq: 27 Oct 2023 20:27

Tgt Ion: 97 Resp: 153910
Ion Ratio Lower Upper
97 100
83 8.0 72.0 108.0#
85 2.7 45.4 68.0#
99 0.3 50.3 75.5#

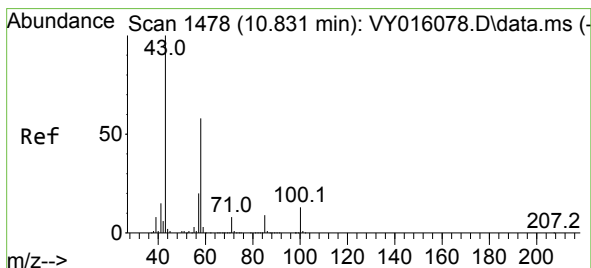
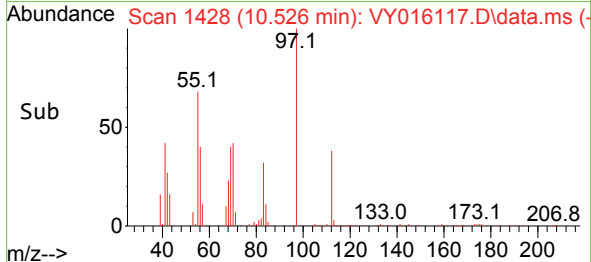
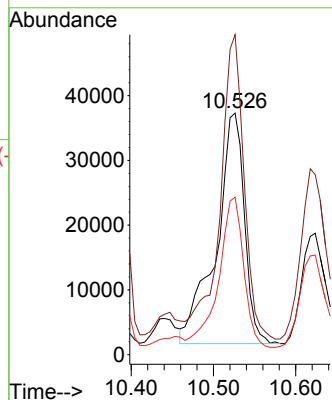
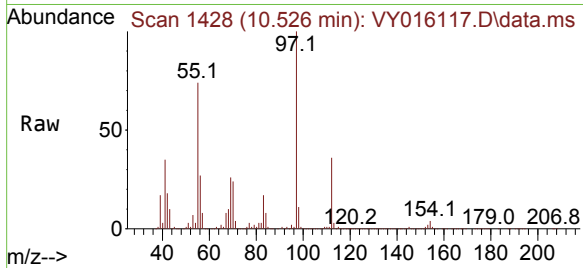




#56
Ethyl methacrylate
Concen: 41.727 ug/l
RT: 10.526 min Scan# 1428
Delta R.T. 0.018 min
Lab File: VY016117.D
Acq: 27 Oct 2023 20:27

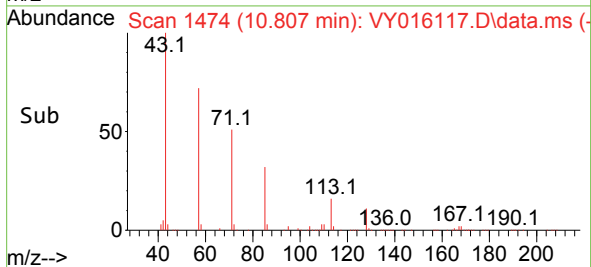
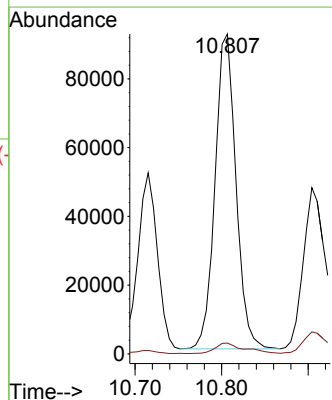
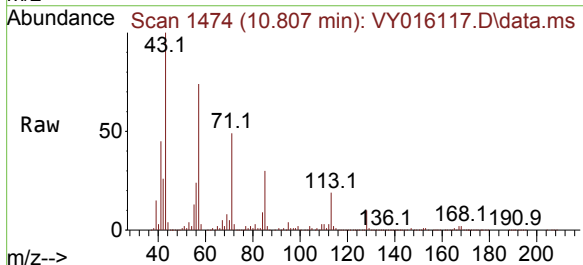
Instrument :
MSVOA_Y
ClientSampleId :

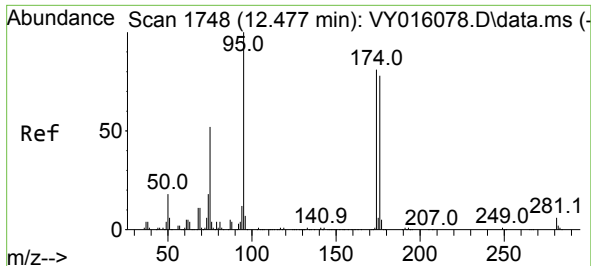
Tgt Ion: 69 Resp: 85223
Ion Ratio Lower Upper
69 100
41 111.5 57.6 86.4#
39 57.6 34.1 51.1#



#59
2-Hexanone
Concen: 154.825 ug/l
RT: 10.807 min Scan# 1474
Delta R.T. -0.024 min
Lab File: VY016117.D
Acq: 27 Oct 2023 20:27

Tgt Ion: 43 Resp: 153535
Ion Ratio Lower Upper
43 100
58 4.6 25.1 75.3#

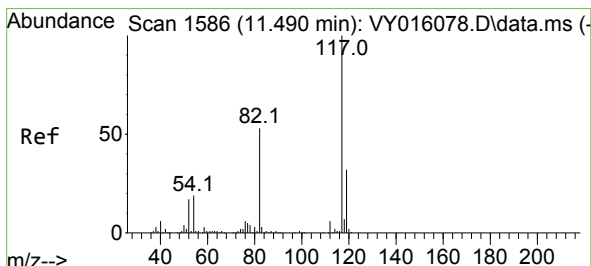
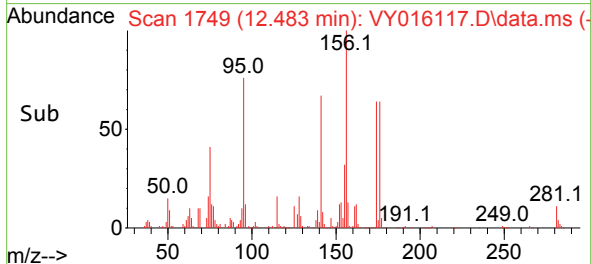
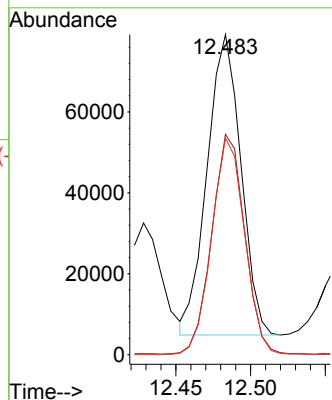
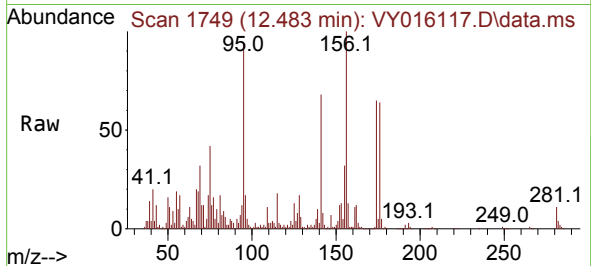




#62
4-Bromofluorobenzene
Concen: 47.993 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016117.D
Acq: 27 Oct 2023 20:27

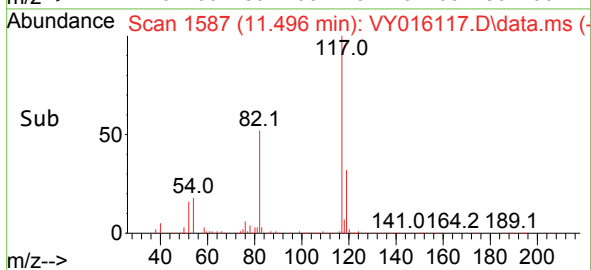
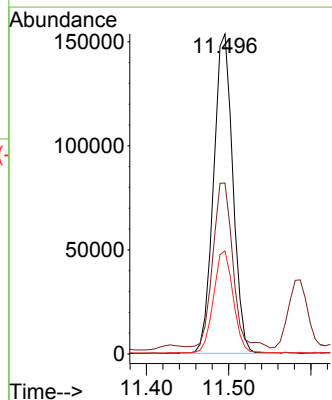
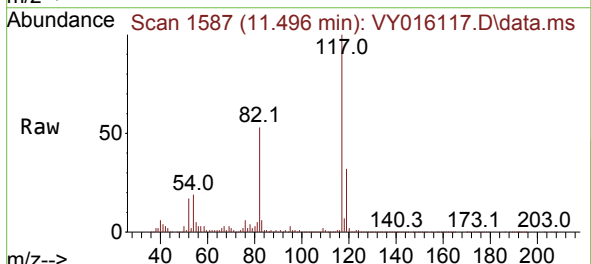
Instrument :
MSVOA_Y
ClientSampleId :

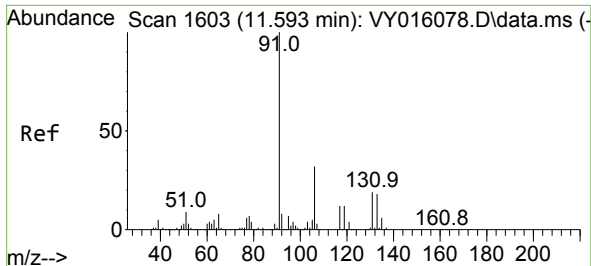
Tgt Ion: 95 Resp: 116463
Ion Ratio Lower Upper
95 100
174 71.6 0.0 178.2
176 70.5 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY016117.D
Acq: 27 Oct 2023 20:27

Tgt Ion: 117 Resp: 249813
Ion Ratio Lower Upper
117 100
82 51.0 43.4 65.0
119 31.9 26.3 39.5

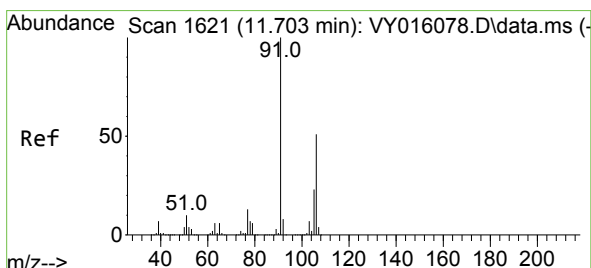
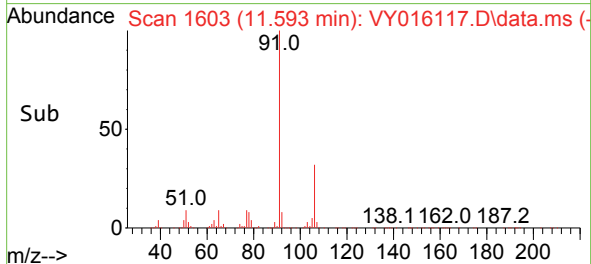
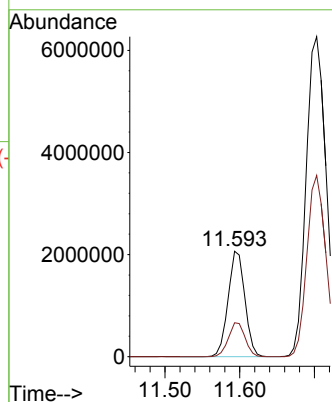
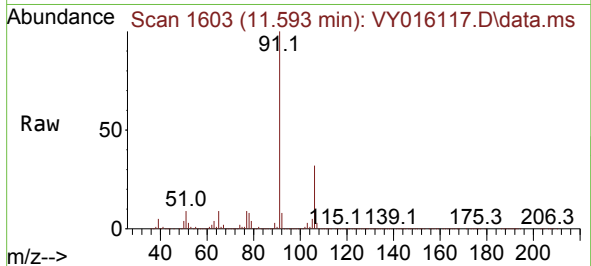




#67
Ethyl Benzene
Concen: 368.804 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY016117.D
Acq: 27 Oct 2023 20:27

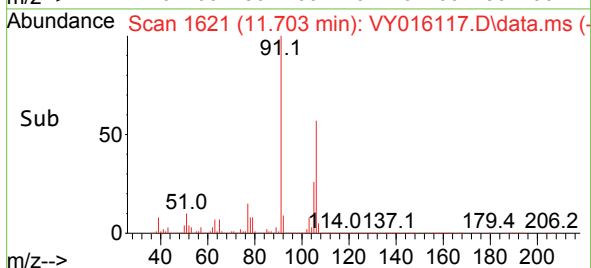
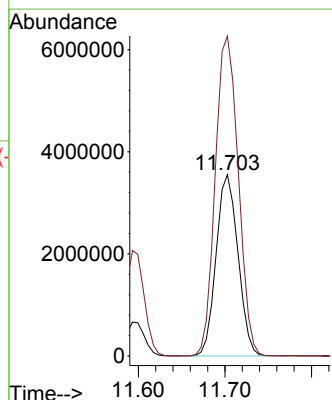
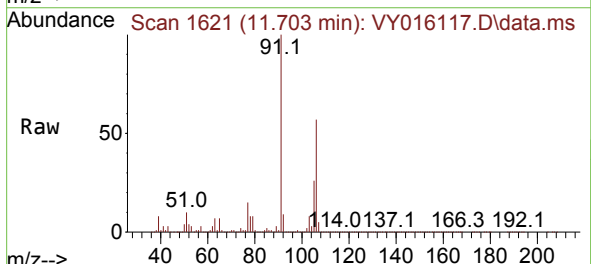
Instrument :
MSVOA_Y
ClientSampleId :

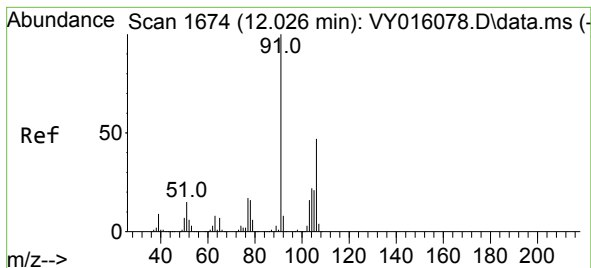
Tgt Ion: 91 Resp: 3215888
Ion Ratio Lower Upper
91 100
106 32.2 24.6 36.8



#68
m/p-Xylenes
Concen: 1844.465 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY016117.D
Acq: 27 Oct 2023 20:27

Tgt Ion:106 Resp: 6224098
Ion Ratio Lower Upper
106 100
91 185.8 166.1 249.1

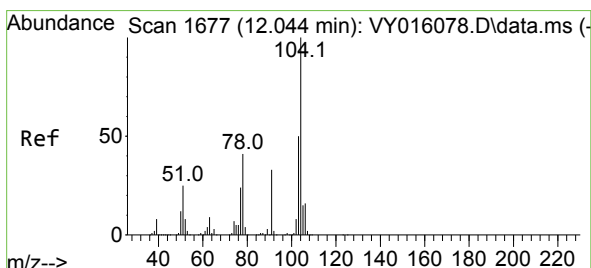
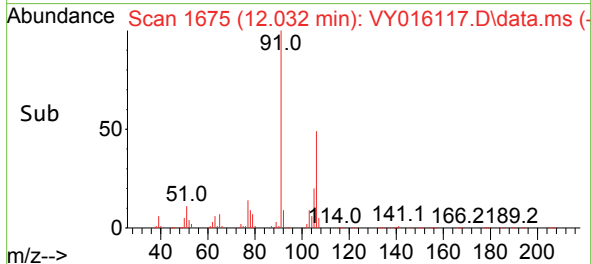
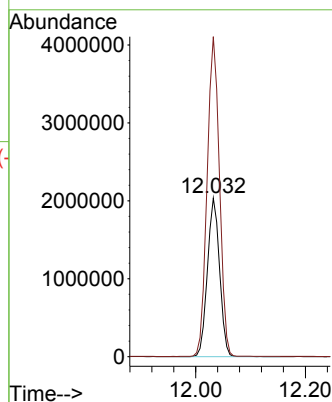
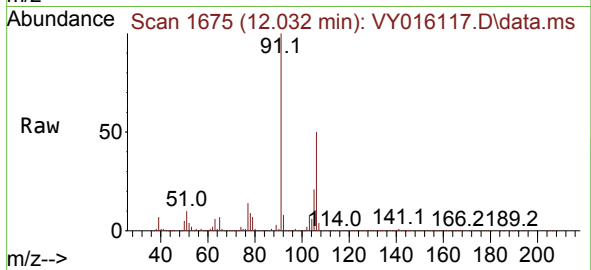




#69
o-Xylene
Concen: 963.827 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.006 min
Lab File: VY016117.D
Acq: 27 Oct 2023 20:27

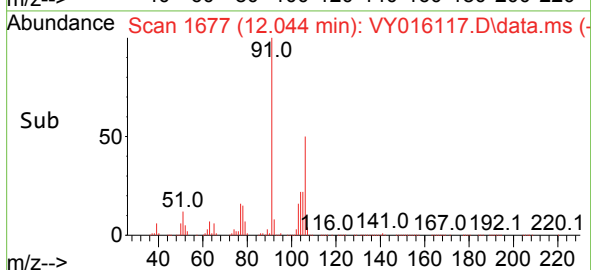
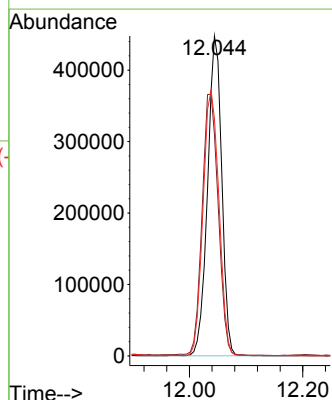
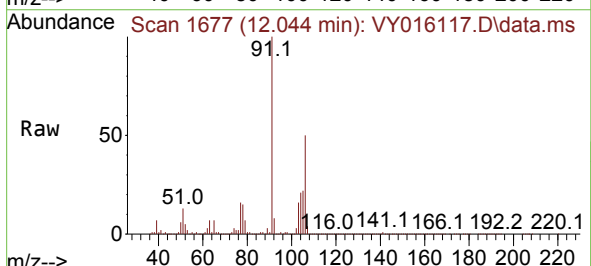
Instrument :
MSVOA_Y
ClientSampleId :

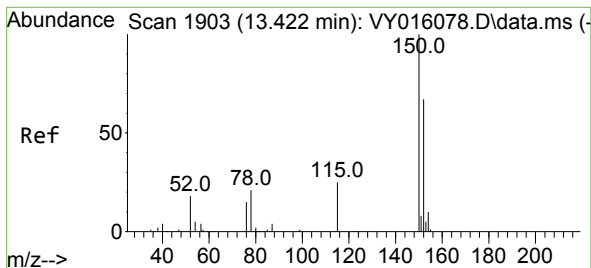
Tgt Ion:106 Resp: 3113698
Ion Ratio Lower Upper
106 100
91 205.2 108.1 324.3



#70
Styrene
Concen: 144.050 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. -0.000 min
Lab File: VY016117.D
Acq: 27 Oct 2023 20:27

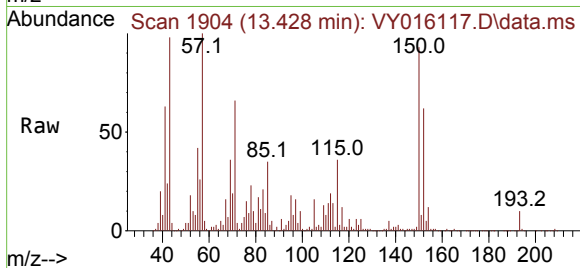
Tgt Ion:104 Resp: 775722
Ion Ratio Lower Upper
104 100
78 92.8 41.5 62.3#
103 93.2 44.6 67.0#



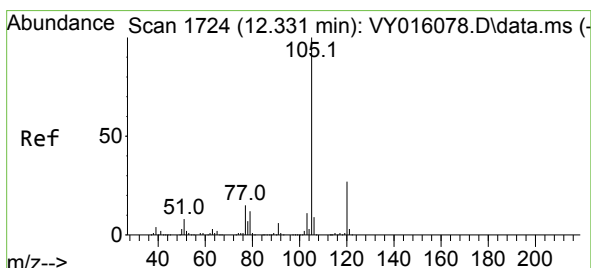
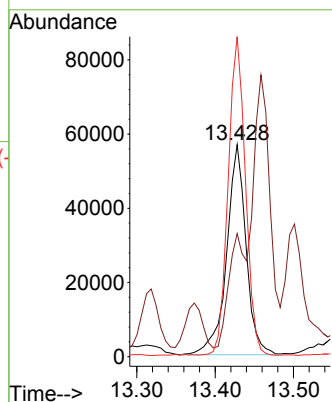
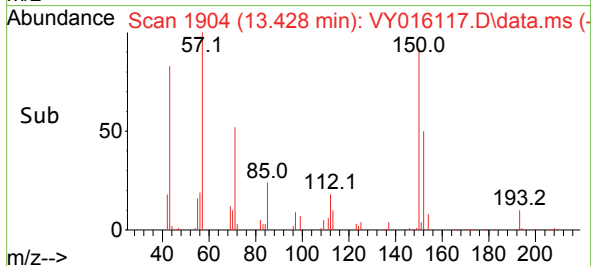


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1903
Delta R.T. 0.006 min
Lab File: VY016117.D
Acq: 27 Oct 2023 20:27

Instrument :
MSVOA_Y
ClientSampleId :

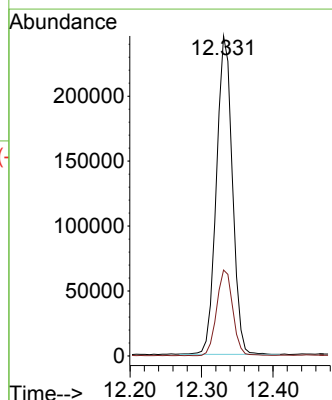
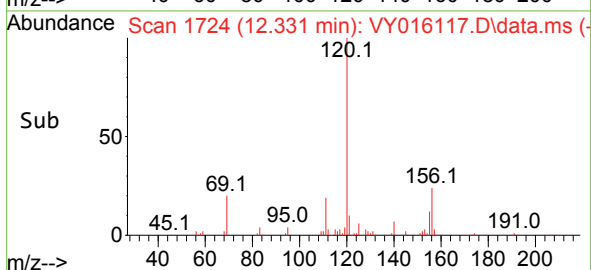
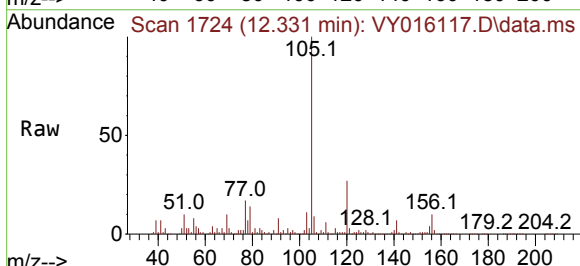


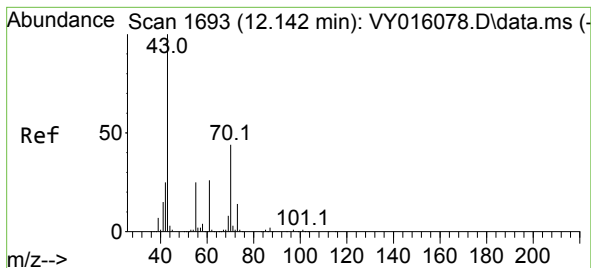
Tgt Ion:152 Resp: 97594
Ion Ratio Lower Upper
152 100
115 47.7 28.8 86.5
150 134.7 0.0 348.8



#73
Isopropylbenzene
Concen: 55.362 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. -0.000 min
Lab File: VY016117.D
Acq: 27 Oct 2023 20:27

Tgt Ion:105 Resp: 380241
Ion Ratio Lower Upper
105 100
120 27.2 13.3 39.9





#74

N-amy1 acetate

Concen: 54.580 ug/l

RT: 12.123 min Scan# 1

Delta R.T. -0.018 min

Lab File: VY016117.D

Acq: 27 Oct 2023 20:27

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 43 Resp: 91407

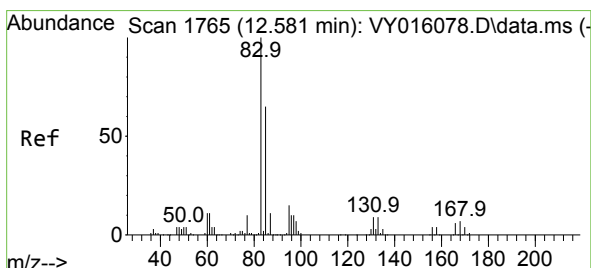
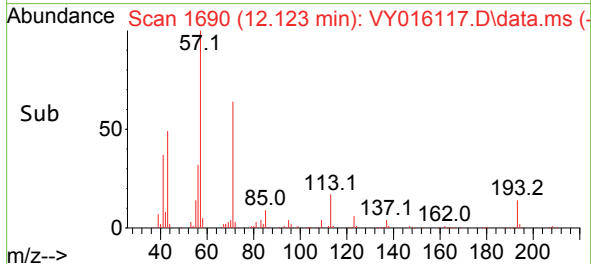
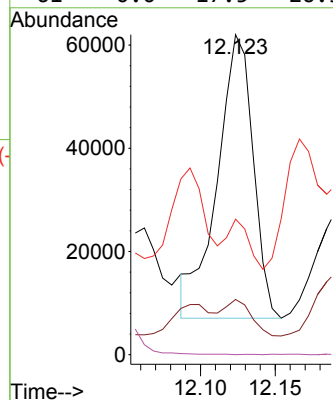
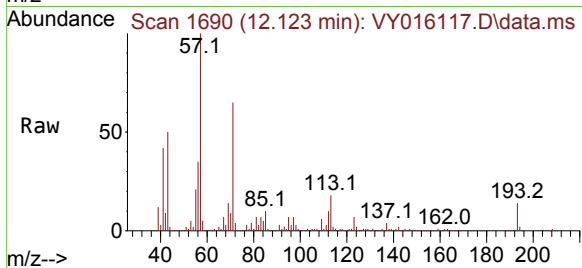
Ion Ratio Lower Upper

43 100

70 9.2 29.7 44.5#

55 0.0 18.3 27.5#

61 0.0 17.5 26.3#



#75

1,1,2,2-Tetrachloroethane

Concen: 5.262 ug/l

RT: 12.532 min Scan# 1757

Delta R.T. -0.049 min

Lab File: VY016117.D

Acq: 27 Oct 2023 20:27

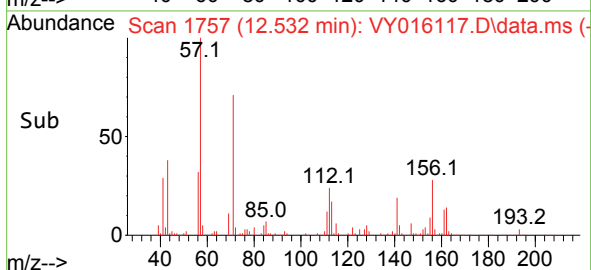
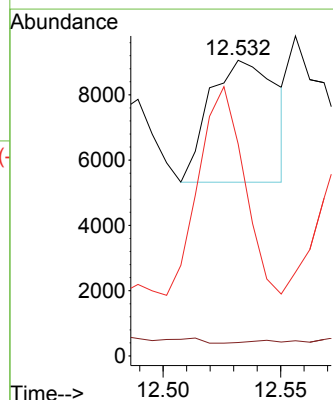
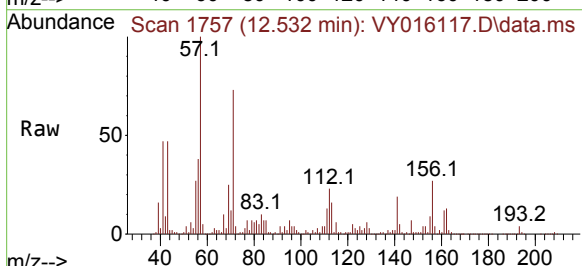
Tgt Ion: 83 Resp: 7388

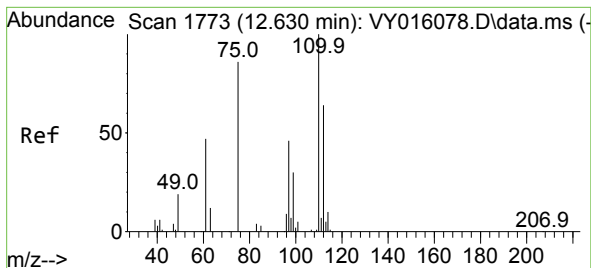
Ion Ratio Lower Upper

83 100

131 0.9 5.4 16.2#

85 115.0 31.8 95.4#





#76

1,2,3-Trichloropropane

Concen: 3.729 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.043 min

Lab File: VY016117.D

Acq: 27 Oct 2023 20:27

Instrument :

MSVOA_Y

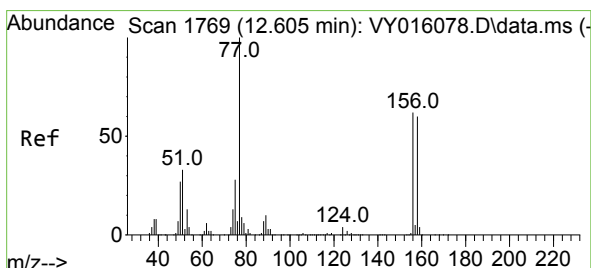
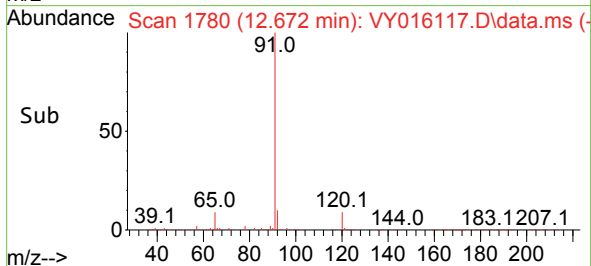
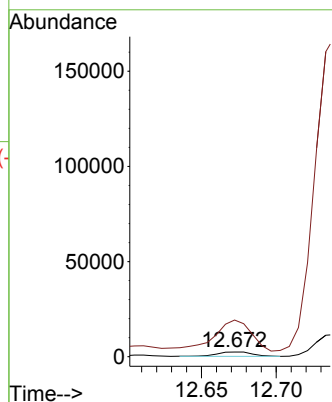
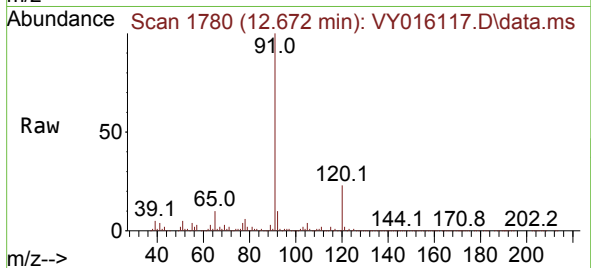
ClientSampleId :

Tgt Ion: 75 Resp: 3716

Ion Ratio Lower Upper

75 100

77 755.6 0.0 0.0#



#77

Bromobenzene

Concen: 630.681 ug/l

RT: 12.422 min Scan# 1739

Delta R.T. -0.183 min

Lab File: VY016117.D

Acq: 27 Oct 2023 20:27

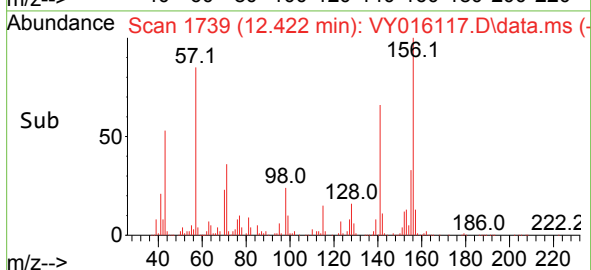
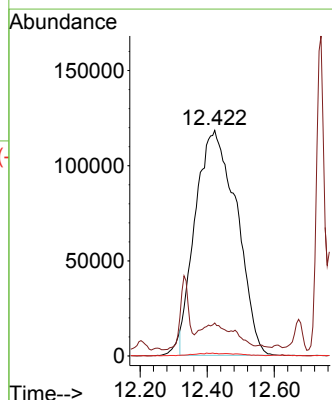
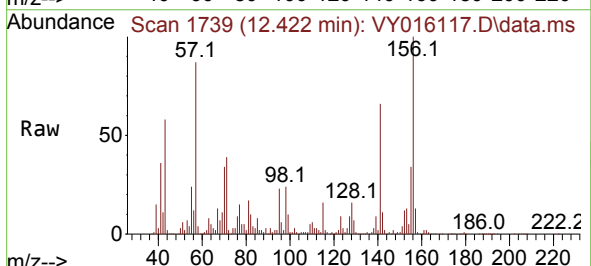
Tgt Ion:156 Resp: 1010951

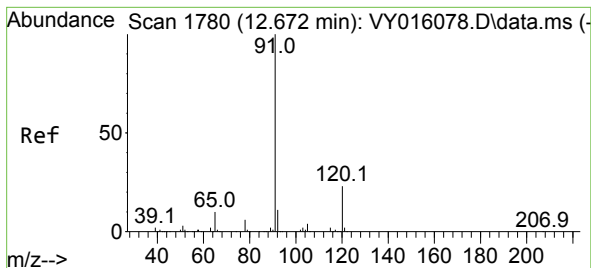
Ion Ratio Lower Upper

156 100

77 1.7 92.8 278.6#

158 0.0 48.4 145.3#





#78

n-propylbenzene

Concen: 79.233 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. -0.000 min

Lab File: VY016117.D

Acq: 27 Oct 2023 20:27

Instrument :

MSVOA_Y

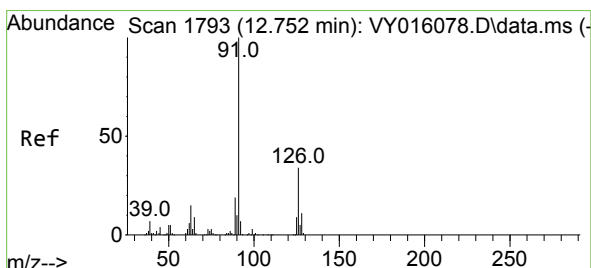
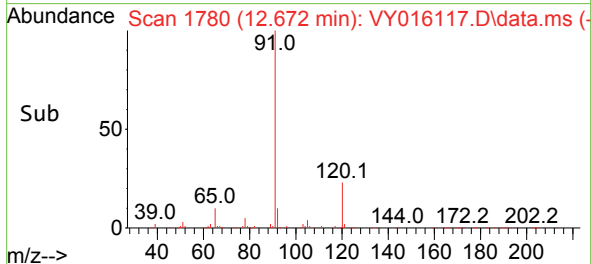
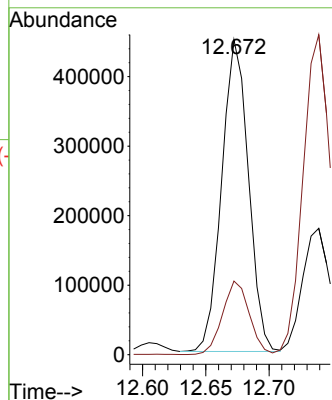
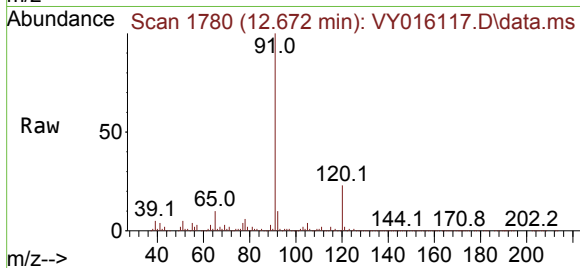
ClientSampleId :

Tgt Ion: 91 Resp: 658919

Ion Ratio Lower Upper

91 100

120 23.5 11.5 34.4



#79

2-Chlorotoluene

Concen: 57.474 ug/l

RT: 12.739 min Scan# 1791

Delta R.T. -0.012 min

Lab File: VY016117.D

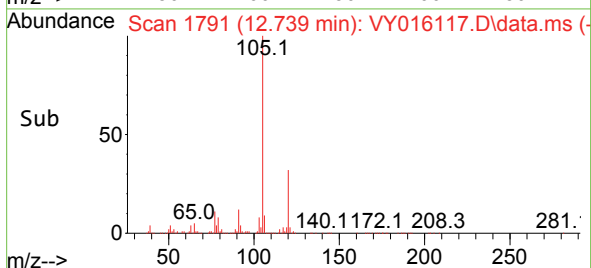
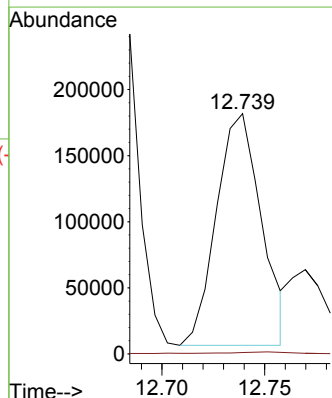
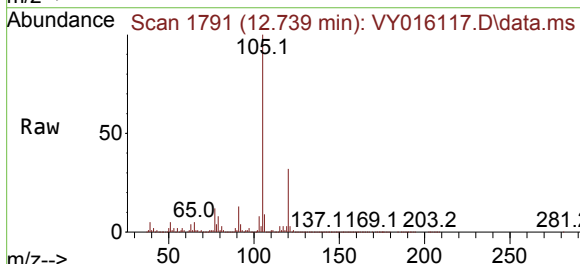
Acq: 27 Oct 2023 20:27

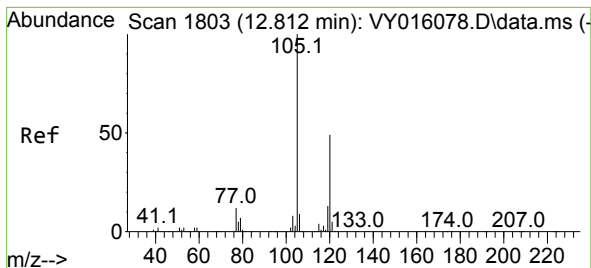
Tgt Ion: 91 Resp: 267688

Ion Ratio Lower Upper

91 100

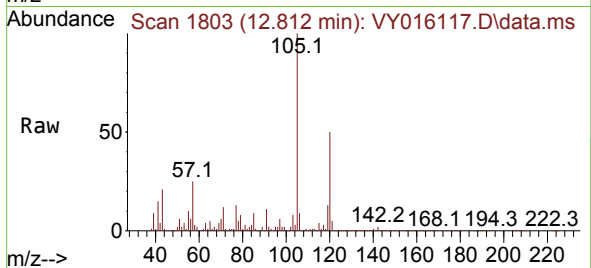
126 1.1 17.3 51.7#



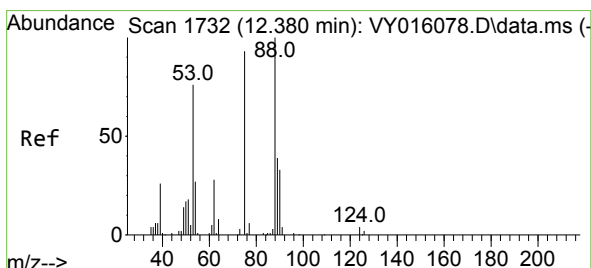
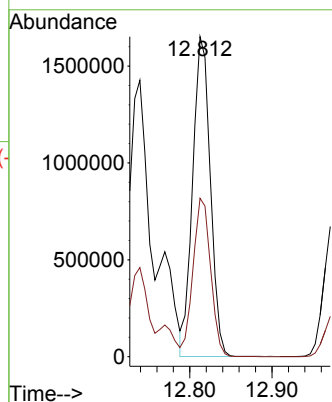
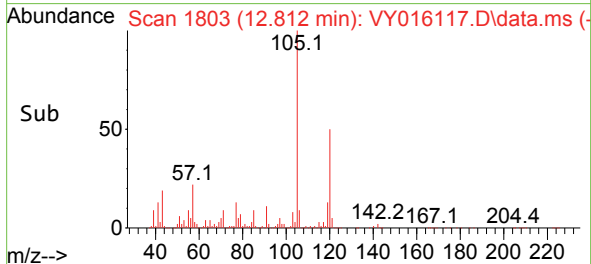


#80
 1,3,5-Trimethylbenzene
 Concen: 430.677 ug/l
 RT: 12.812 min Scan# 1803
 Delta R.T. -0.000 min
 Lab File: VY016117.D
 Acq: 27 Oct 2023 20:27

Instrument :
 MSVOA_Y
 ClientSampleId :

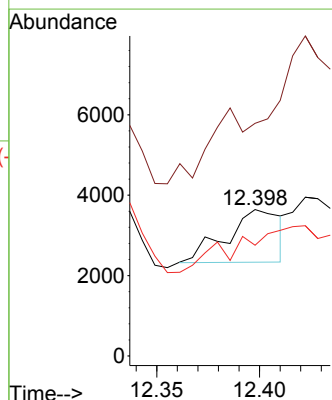
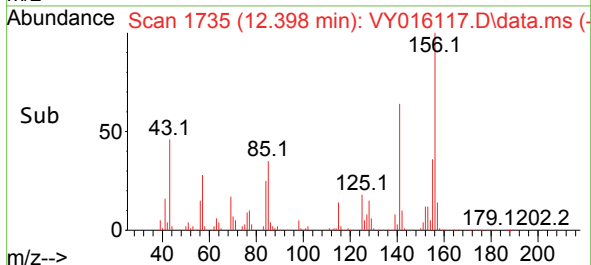
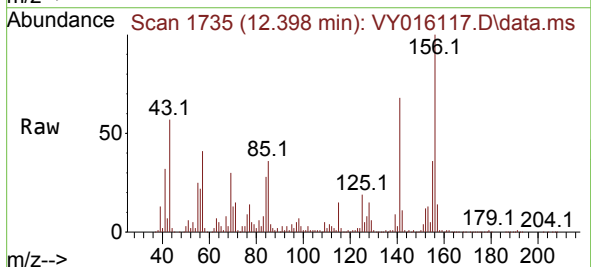


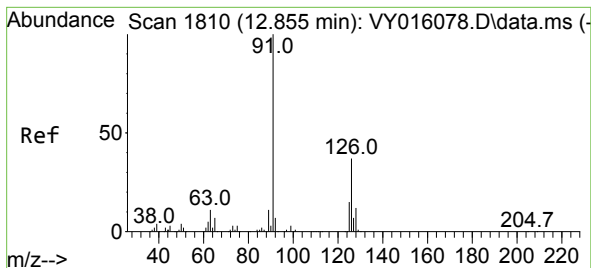
Tgt Ion:105 Resp: 2455906
 Ion Ratio Lower Upper
 105 100
 120 49.5 23.9 71.7



#81
 trans-1,4-Dichloro-2-butene
 Concen: 5.195 ug/l
 RT: 12.398 min Scan# 1735
 Delta R.T. 0.018 min
 Lab File: VY016117.D
 Acq: 27 Oct 2023 20:27

Tgt Ion: 75 Resp: 2382
 Ion Ratio Lower Upper
 75 100
 53 93.5 77.8 116.8
 89 31.4 37.4 56.0#

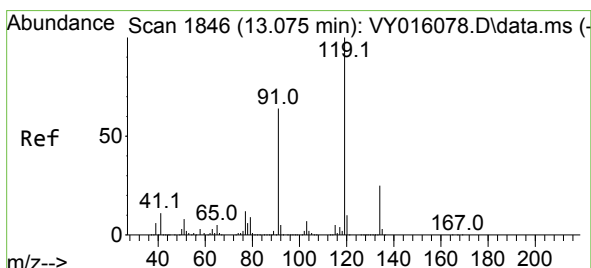
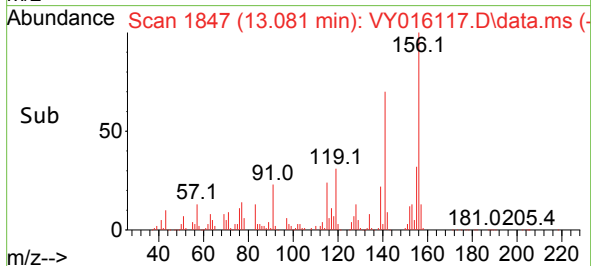
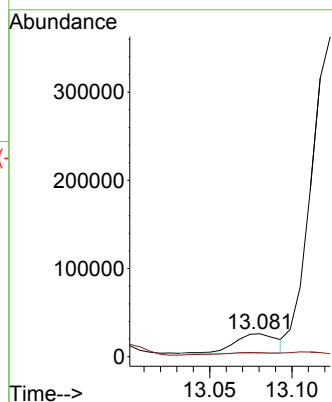
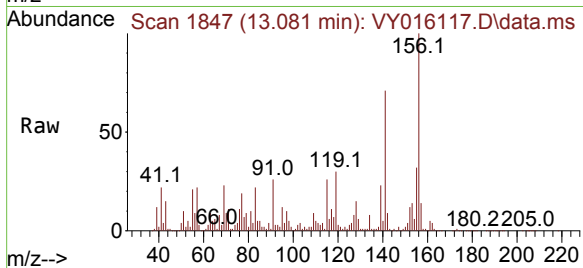




#82
4-Chlorotoluene
Concen: 8.269 ug/l
RT: 13.081 min Scan# 1847
Delta R.T. 0.225 min
Lab File: VY016117.D
Acq: 27 Oct 2023 20:27

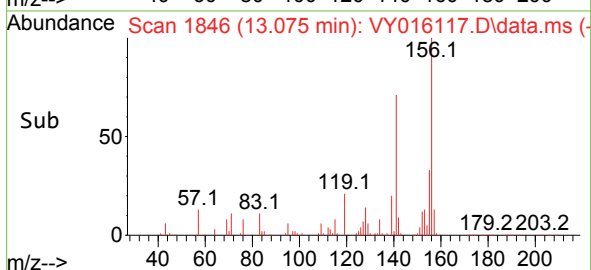
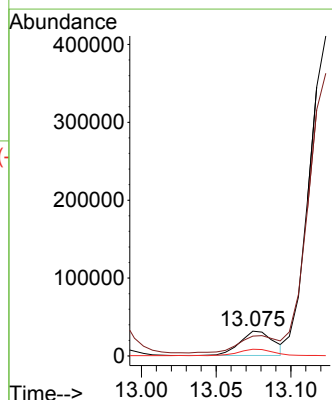
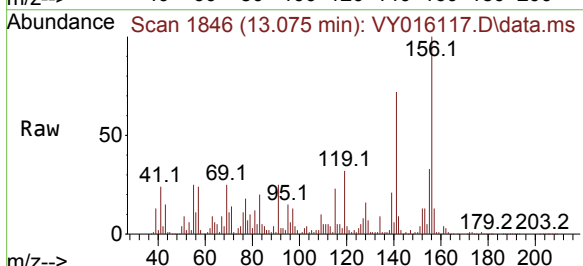
Instrument :
MSVOA_Y
ClientSampleId :

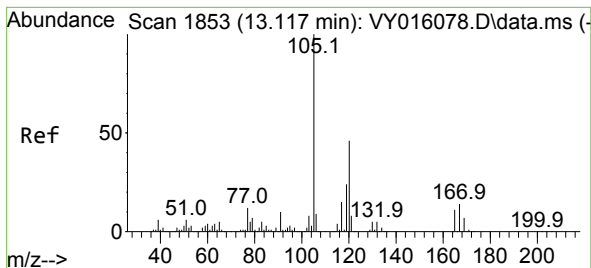
Tgt Ion: 91 Resp: 39941
Ion Ratio Lower Upper
91 100
126 17.9 17.2 51.6



#83
tert-Butylbenzene
Concen: 9.615 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. -0.000 min
Lab File: VY016117.D
Acq: 27 Oct 2023 20:27

Tgt Ion: 119 Resp: 48734
Ion Ratio Lower Upper
119 100
91 82.0 32.9 98.6
134 27.7 13.0 38.9





#84

1,2,4-Trimethylbenzene

Concen: 868.531 ug/l

RT: 13.123 min Scan# 1853

Delta R.T. 0.006 min

Lab File: VY016117.D

Acq: 27 Oct 2023 20:27

Instrument :

MSVOA_Y

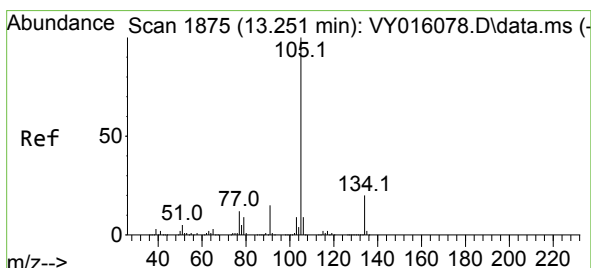
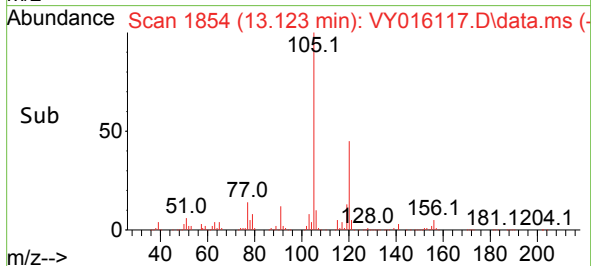
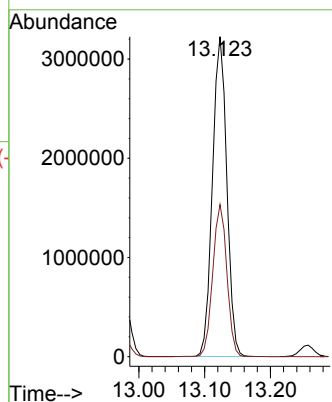
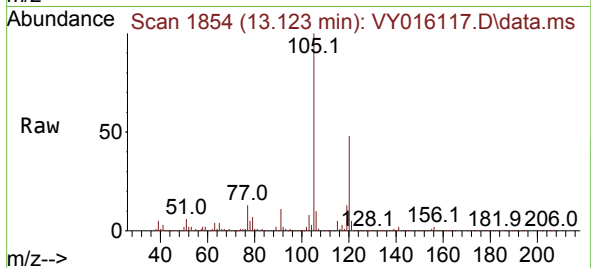
ClientSampleId :

Tgt Ion:105 Resp: 4891466

Ion Ratio Lower Upper

105 100

120 46.8 22.2 66.6



#85

sec-Butylbenzene

Concen: 22.651 ug/l

RT: 13.257 min Scan# 1876

Delta R.T. 0.006 min

Lab File: VY016117.D

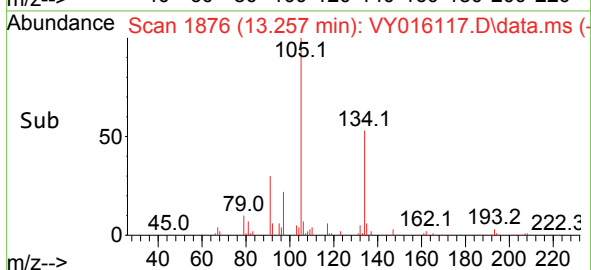
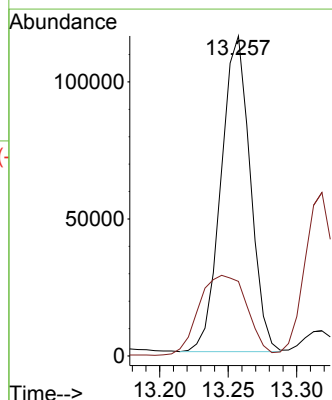
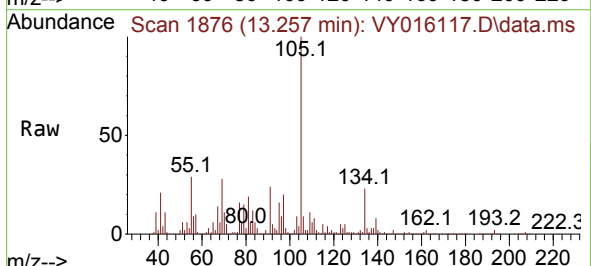
Acq: 27 Oct 2023 20:27

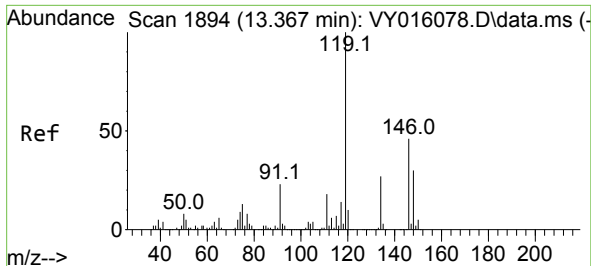
Tgt Ion:105 Resp: 171003

Ion Ratio Lower Upper

105 100

134 41.5 10.2 30.6#

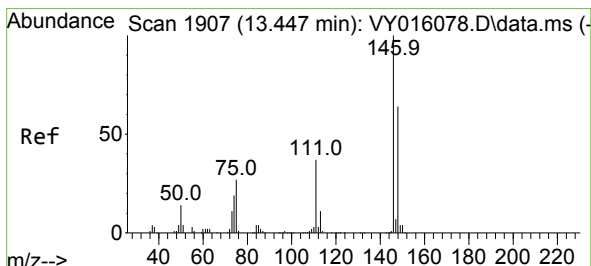
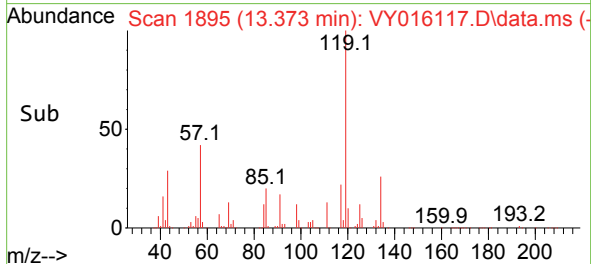
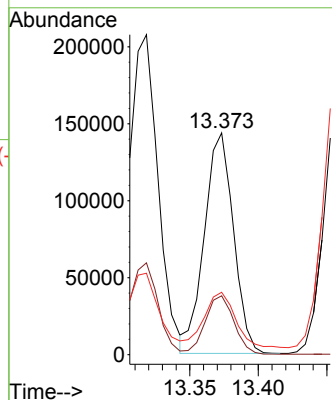
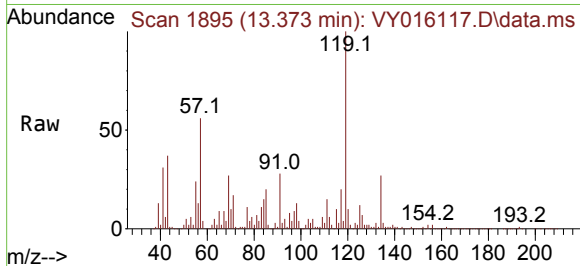




#86
p-Isopropyltoluene
Concen: 33.585 ug/l
RT: 13.373 min Scan# 119
Delta R.T. 0.006 min
Lab File: VY016117.D
Acq: 27 Oct 2023 20:27

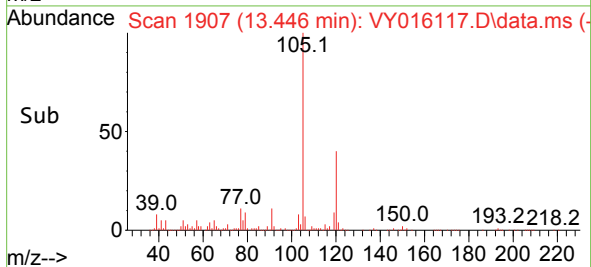
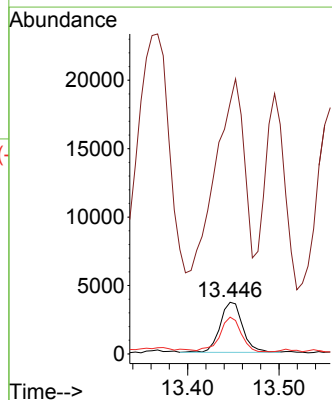
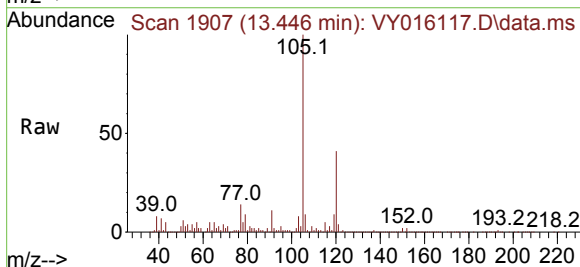
Instrument :
MSVOA_Y
ClientSampleId :

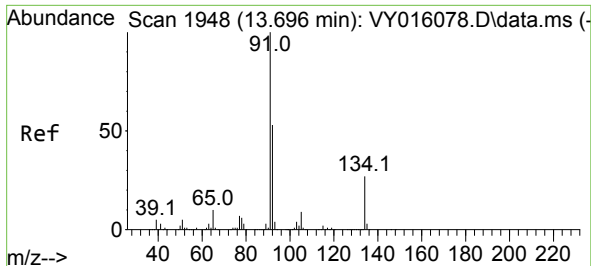
Tgt Ion:119 Resp: 211571
Ion Ratio Lower Upper
119 100
134 26.3 13.3 39.8
91 26.9 12.4 37.4



#88
1,4-Dichlorobenzene
Concen: 1.980 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY016117.D
Acq: 27 Oct 2023 20:27

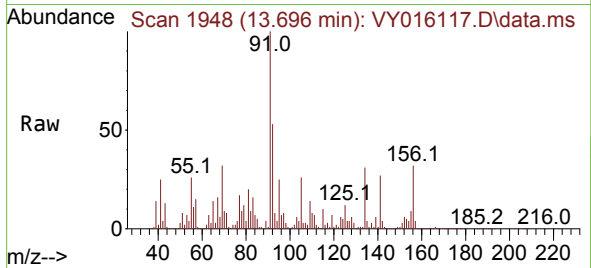
Tgt Ion:146 Resp: 6333
Ion Ratio Lower Upper
146 100
111 488.1 18.9 56.7#
148 65.3 32.1 96.5



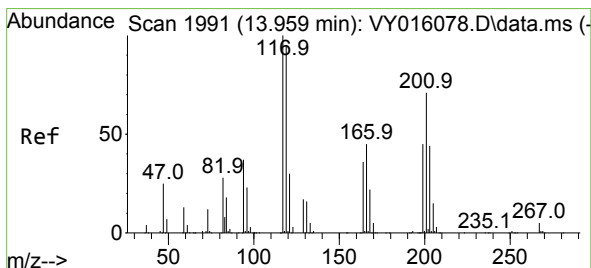
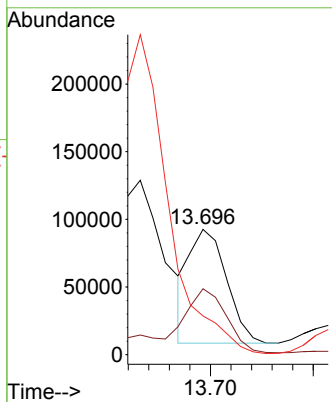
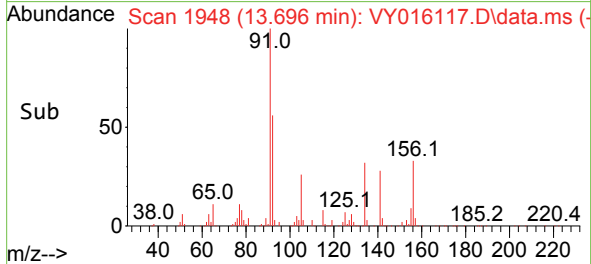


#89
n-Butylbenzene
Concen: 18.094 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. -0.000 min
Lab File: VY016117.D
Acq: 27 Oct 2023 20:27

Instrument :
MSVOA_Y
ClientSampleId :

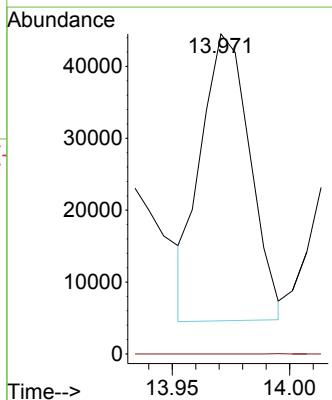
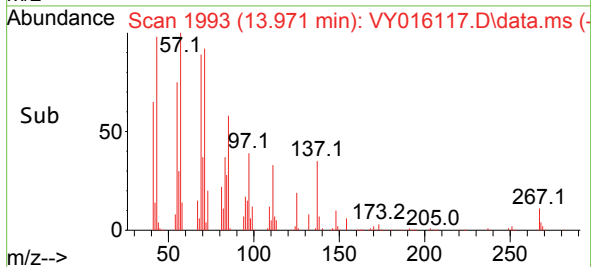
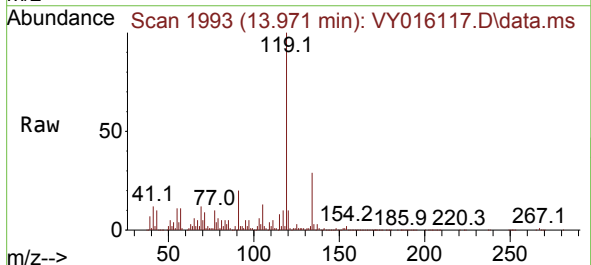


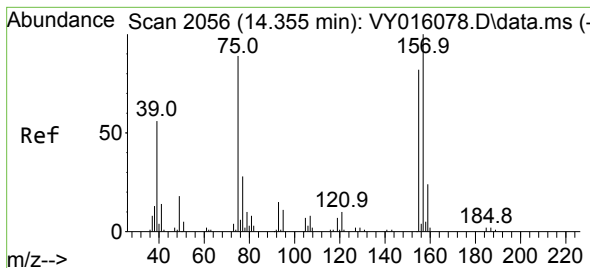
Tgt Ion: 91 Resp: 106326
Ion Ratio Lower Upper
91 100
92 79.5 25.4 76.0#
134 0.0 12.6 37.6#



#90
Hexachloroethane
Concen: 47.253 ug/l
RT: 13.971 min Scan# 1993
Delta R.T. 0.012 min
Lab File: VY016117.D
Acq: 27 Oct 2023 20:27

Tgt Ion: 117 Resp: 57954
Ion Ratio Lower Upper
117 100
201 0.0 41.6 124.8#

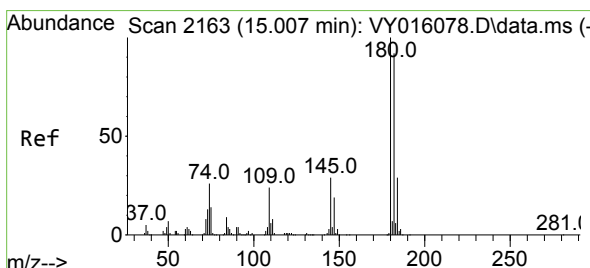
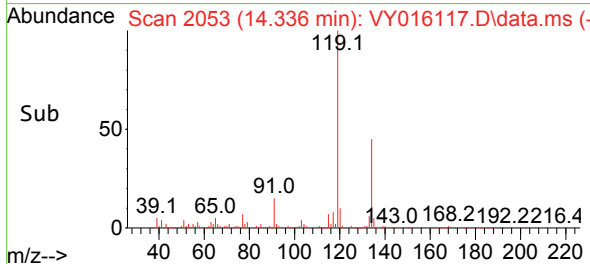
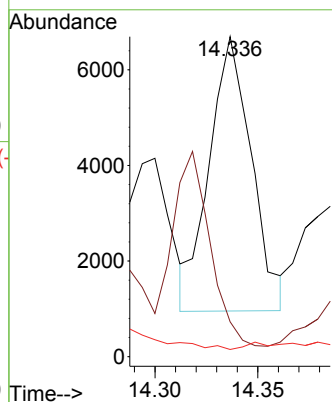
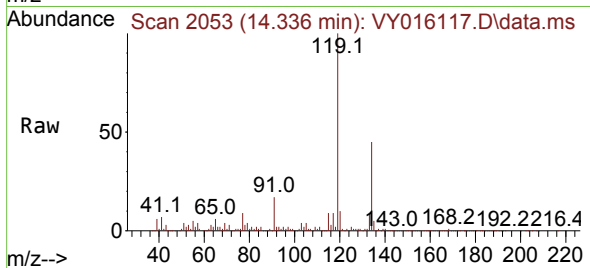




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 37.134 ug/l
 RT: 14.336 min Scan# 2053
 Delta R.T. -0.018 min
 Lab File: VY016117.D
 Acq: 27 Oct 2023 20:27

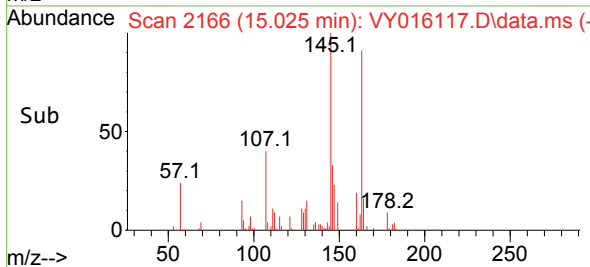
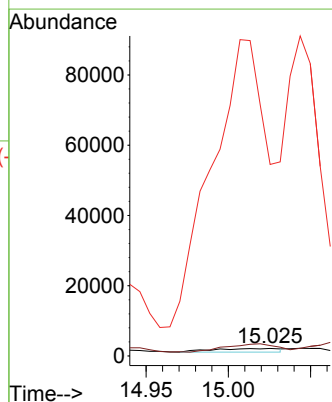
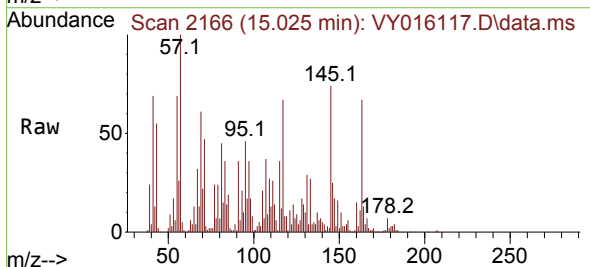
Instrument :
 MSVOA_Y
 ClientSampleId :

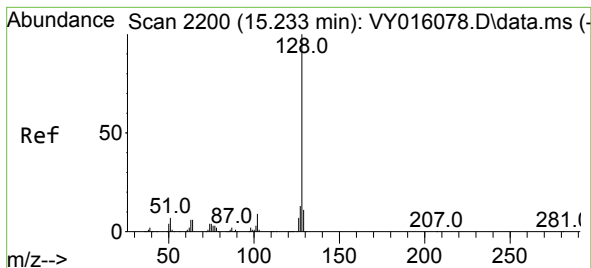
Tgt Ion: 75 Resp: 8185
 Ion Ratio Lower Upper
 75 100
 155 0.0 41.5 124.6#
 157 1.3 51.8 155.5#



#93
 1,2,4-Trichlorobenzene
 Concen: 1.679 ug/l
 RT: 15.025 min Scan# 2166
 Delta R.T. 0.018 min
 Lab File: VY016117.D
 Acq: 27 Oct 2023 20:27

Tgt Ion: 180 Resp: 2977
 Ion Ratio Lower Upper
 180 100
 182 174.8 47.0 141.2#
 145 7062.8 14.5 43.5#





#95

Naphthalene

Concen: 5462.010 ug/l

RT: 15.233 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY016117.D

Acq: 27 Oct 2023 20:27

Instrument :

MSVOA_Y

ClientSampleId :

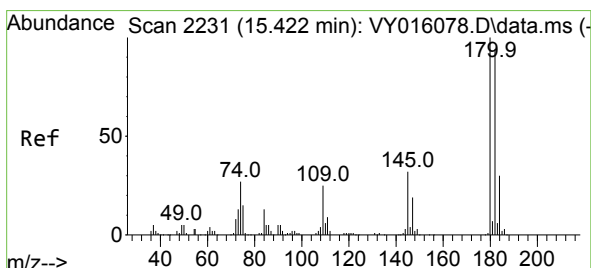
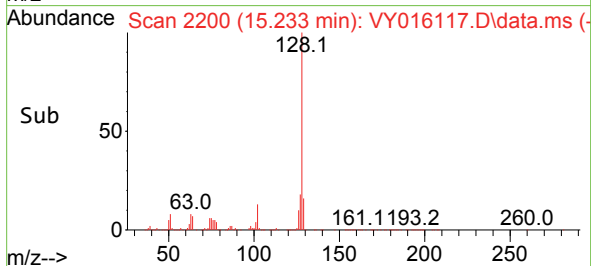
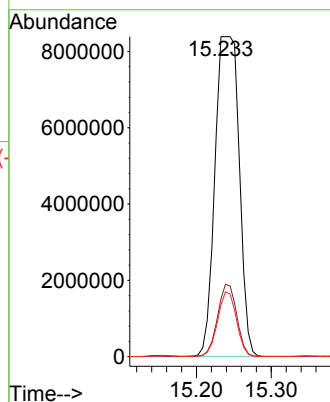
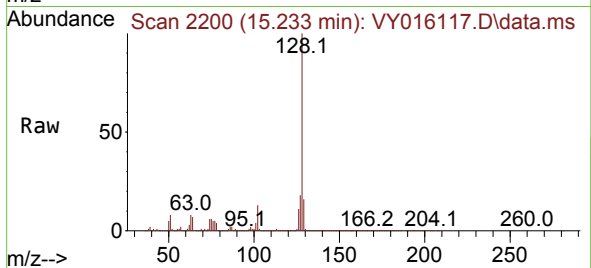
Tgt Ion:128 Resp:18885856

Ion Ratio Lower Upper

128 100

127 18.0 10.8 16.2#

129 15.8 8.6 13.0#



#96

1,2,3-Trichlorobenzene

Concen: 4.105 ug/l

RT: 15.391 min Scan# 2226

Delta R.T. -0.031 min

Lab File: VY016117.D

Acq: 27 Oct 2023 20:27

Tgt Ion:180 Resp: 6277

Ion Ratio Lower Upper

180 100

182 0.0 47.3 141.8#

145 3228.8 15.4 46.2#

