

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100324\
 Data File : VY019786.D
 Acq On : 03 Oct 2024 14:31
 Operator : SY/MD
 Sample : P4275-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 04 01:27:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 09 16:00:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	253637	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	456613	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	351851	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	102105	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	139892	59.563	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 119.120%	
35) Dibromofluoromethane	7.640	113	133588	51.600	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.200%	
50) Toluene-d8	10.103	98	584277	61.016	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 122.040%	
62) 4-Bromofluorobenzene	12.401	95	152888	41.523	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 83.040%	

Target Compounds				Qvalue		
9) 1,1,2-Trichlorotrifluo...	3.909	101	13902	5.941	ug/l #	19
11) Tert butyl alcohol	4.952	59	11546	60.874	ug/l #	88
13) Acrolein	3.891	56	18302	197.425	ug/l #	1
14) Allyl chloride	4.342	41	25135523	6228.595	ug/l #	63
15) Acrylonitrile	5.122	53	7904	14.437	ug/l #	23
18) Methyl Acetate	4.342	43	57792747	38060.915	ug/l #	46
19) Methyl tert-butyl Ether	5.128	73	71691	11.248	ug/l #	1
20) Methylene Chloride	4.616	84	7260	2.845	ug/l #	90
22) Diisopropyl ether	6.018	45	14711	1.775	ug/l #	91
23) Vinyl Acetate	6.031	43	7449	1.574	ug/l #	67
25) 2-Butanone	6.915	43	66731	83.855	ug/l #	79
29) Tetrahydrofuran	7.274	42	2747	5.677	ug/l #	45
30) Chloroform	7.384	83	32202	6.784	ug/l #	23
31) Cyclohexane	7.683	56	800336	190.408	ug/l #	51
37) Ethyl Acetate	6.915	43	66731	36.971	ug/l #	71
38) Carbon Tetrachloride	7.707	117	27350	6.885	ug/l #	16
39) Methylcyclohexane	9.109	83	1628663	347.407	ug/l #	87
40) Benzene	8.079	78	25030	2.307	ug/l	99
41) Methacrylonitrile	7.372	41	12413	11.798	ug/l #	47
42) 1,2-Dichloroethane	8.195	62	7197	2.465	ug/l #	1
43) Isopropyl Acetate	8.195	43	1556084	410.348	ug/l #	64
47) Bromodichloromethane	9.402	83	40984	10.511	ug/l #	26
48) Methyl methacrylate	9.243	41	56717	31.672	ug/l #	7
49) 1,4-Dioxane	9.243	88	184	10.775	ug/l #	1
51) 4-Methyl-2-Pentanone	9.999	43	97844	51.287	ug/l	88
52) Toluene	10.164	92	19095151	2736.364	ug/l #	1
53) t-1,3-Dichloropropene	10.170	75	367524	98.875	ug/l #	1
55) 1,1,2-Trichloroethane	10.542	97	441861	220.577	ug/l #	22
56) Ethyl methacrylate	10.444	69	74509	24.485	ug/l #	1
58) 2-Chloroethyl Vinyl ether	9.688	63	3760	2.662	ug/l #	45
59) 2-Hexanone	10.725	43	319895	228.716	ug/l #	23
67) Ethyl Benzene	11.517	91	6318615	513.805	ug/l	97
68) m/p-Xylenes	11.621	106	11667179	2509.053	ug/l	77
69) o-Xylene	11.950	106	5189738	1141.204	ug/l	99
70) Styrene	11.950	104	267807	34.880	ug/l #	1
73) Isopropylbenzene	12.249	105	634725	85.688	ug/l	98

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

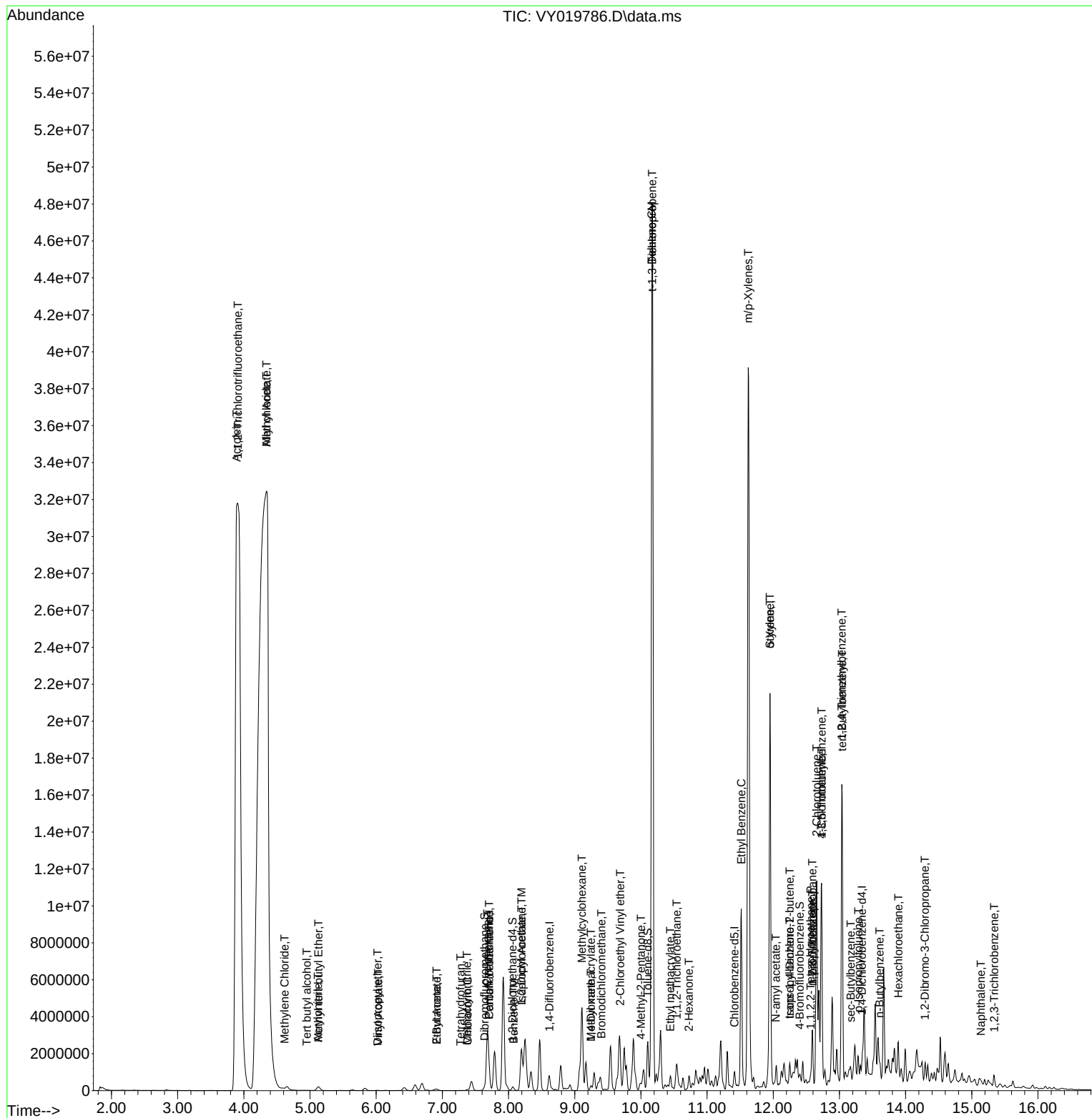
74) N-amyl acetate	12.042	43	286645	142.287	ug/l #	47
75) 1,1,2,2-Tetrachloroethane	12.566	83	48750	37.078	ug/l #	26
76) 1,2,3-Trichloropropane	12.590	75	13830	14.451	ug/l #	100
78) n-propylbenzene	12.590	91	2179237	248.211	ug/l	99
79) 2-Chlorotoluene	12.657	91	872223	170.468	ug/l #	39
80) 1,3,5-Trimethylbenzene	12.731	105	2451176	407.043	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.249	75	8119	16.286	ug/l #	19
82) 4-Chlorotoluene	12.731	91	280179	53.263	ug/l #	42
83) tert-Butylbenzene	13.042	119	1018533	186.832	ug/l #	56
84) 1,2,4-Trimethylbenzene	13.035	105	8094748	1357.979	ug/l	100
85) sec-Butylbenzene	13.170	105	319100	40.292	ug/l	80
86) p-Isopropyltoluene	13.285	119	179420	27.690	ug/l	95
89) n-Butylbenzene	13.608	91	394177	63.634	ug/l #	80
90) Hexachloroethane	13.889	117	78871	58.500	ug/l #	12
92) 1,2-Dibromo-3-Chloropr...	14.291	75	1684	7.685	ug/l #	15
95) Naphthalene	15.139	128	167571	48.296	ug/l	95
96) 1,2,3-Trichlorobenzene	15.340	180	2469	1.666	ug/l #	1

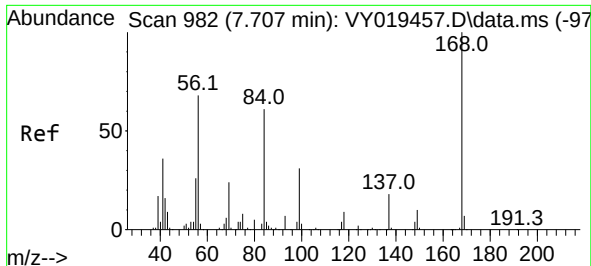
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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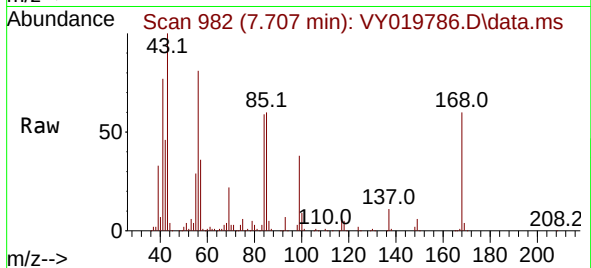
Quant Time: Oct 04 01:27:52 2024
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Quant Title : SW846 8260
QLast Update : Mon Sep 09 16:00:30 2024
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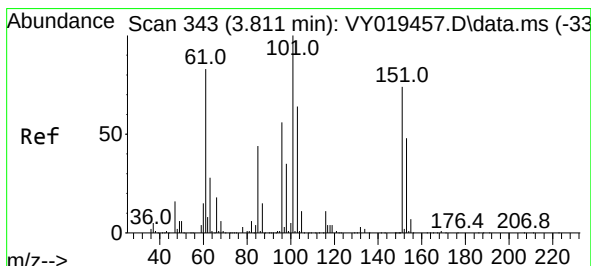
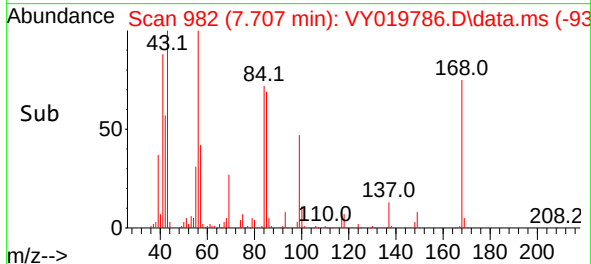
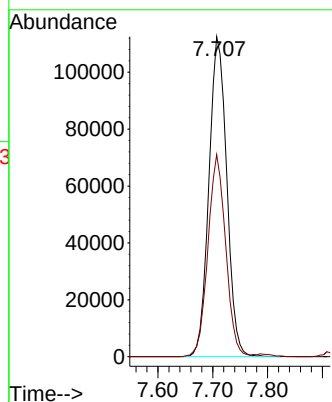


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019786.D
Acq: 03 Oct 2024 14:31

Instrument :
MSVOA_Y
ClientSampleId :

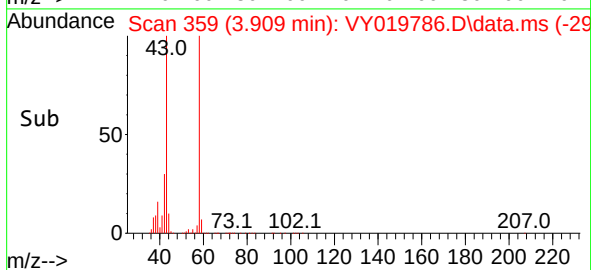
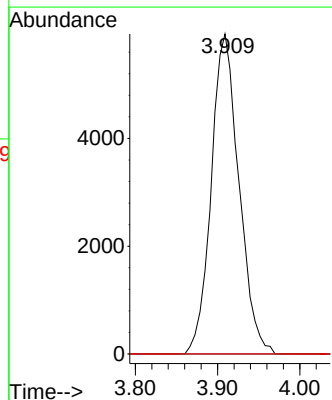
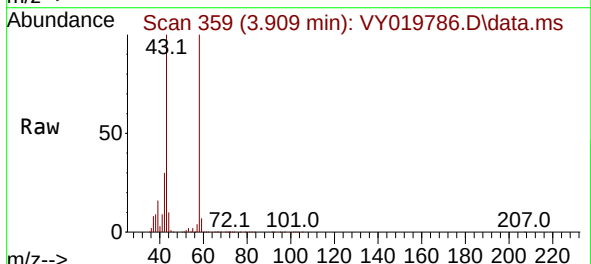


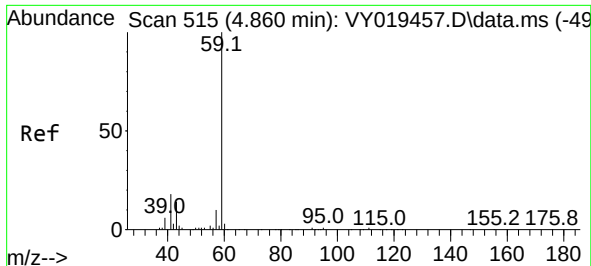
Tgt Ion:168 Resp: 253637
Ion Ratio Lower Upper
168 100
99 63.2 39.1 58.7#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.941 ug/l
RT: 3.909 min Scan# 359
Delta R.T. 0.098 min
Lab File: VY019786.D
Acq: 03 Oct 2024 14:31

Tgt Ion:101 Resp: 13902
Ion Ratio Lower Upper
101 100
85 0.0 34.5 51.7#
151 0.0 61.7 92.5#





#11

Tert butyl alcohol

Concen: 60.874 ug/l

RT: 4.952 min Scan# 51

Delta R.T. 0.092 min

Lab File: VY019786.D

Acq: 03 Oct 2024 14:31

Instrument :

MSVOA_Y

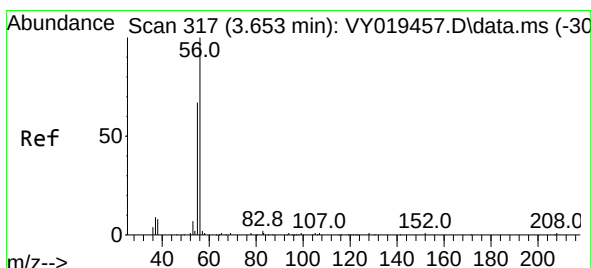
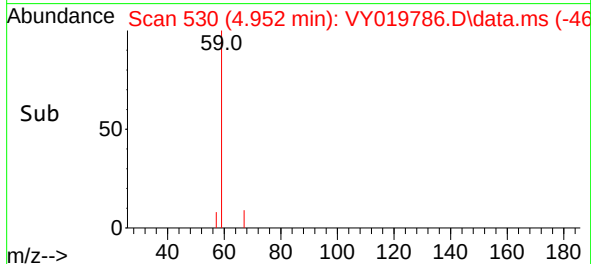
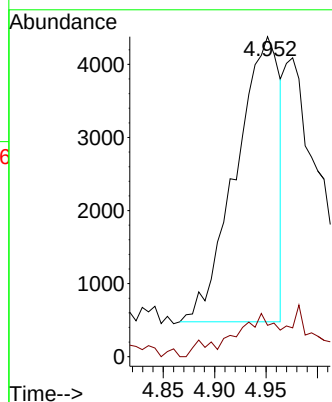
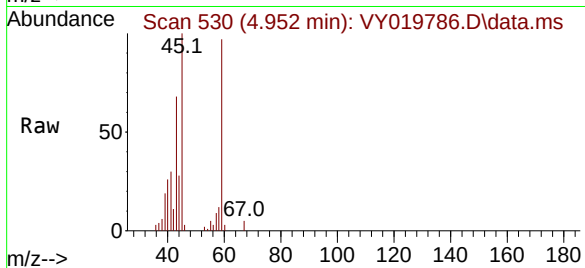
ClientSampleId :

Tgt Ion: 59 Resp: 11546

Ion Ratio Lower Upper

59 100

57 0.0 3.0 4.6#



#13

Acrolein

Concen: 197.425 ug/l

RT: 3.891 min Scan# 356

Delta R.T. 0.238 min

Lab File: VY019786.D

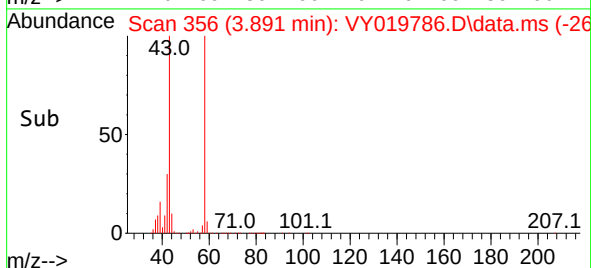
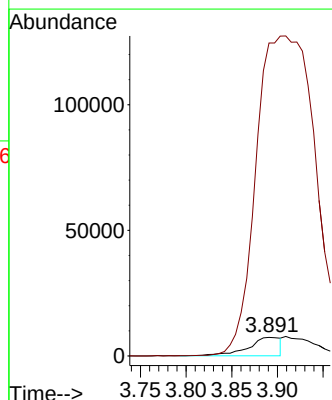
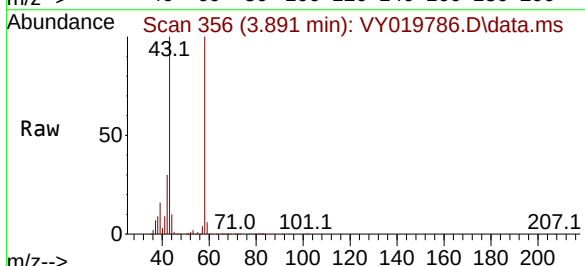
Acq: 03 Oct 2024 14:31

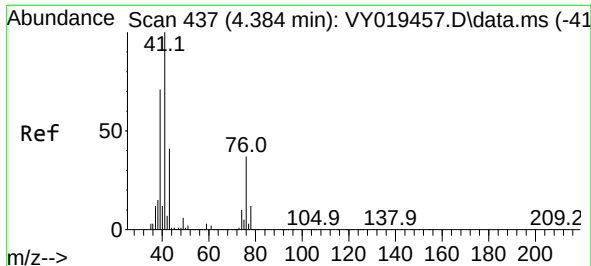
Tgt Ion: 56 Resp: 18302

Ion Ratio Lower Upper

56 100

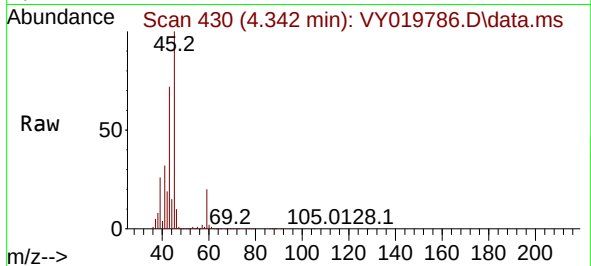
55 2389.3 55.7 83.5#



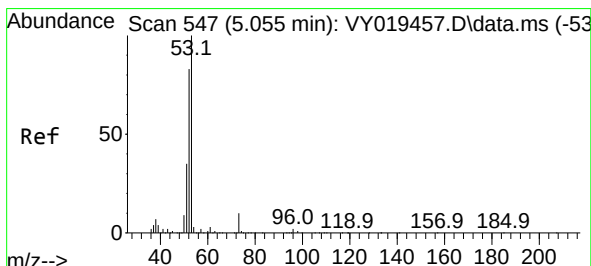
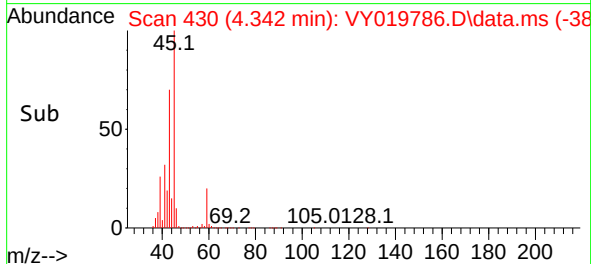
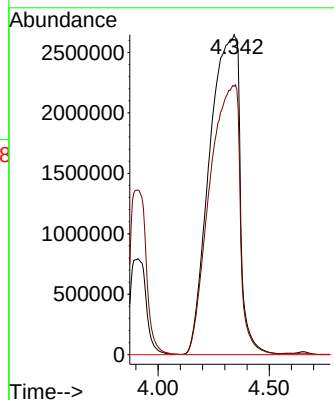


#14
 Allyl chloride
 Concen: 6228.595 ug/l
 RT: 4.342 min Scan# 41
 Delta R.T. -0.042 min
 Lab File: VY019786.D
 Acq: 03 Oct 2024 14:31

Instrument :
 MSVOA_Y
 ClientSampleId :

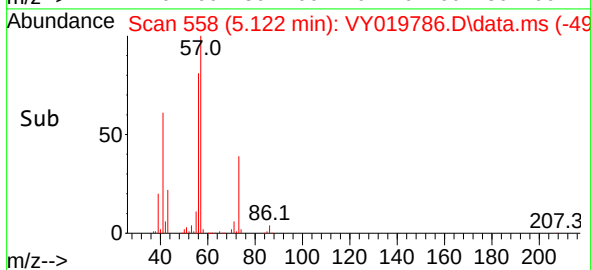
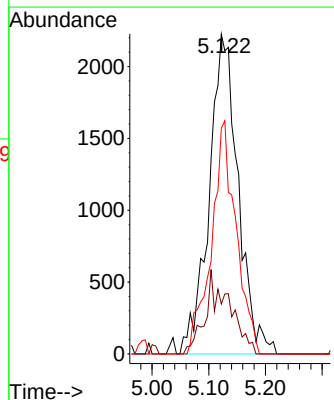
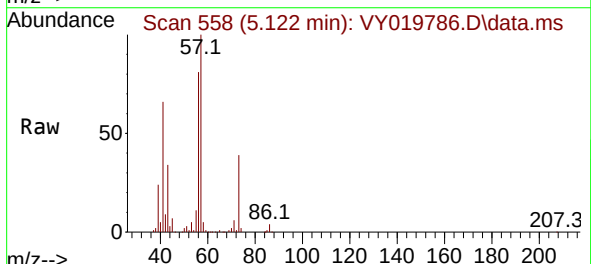


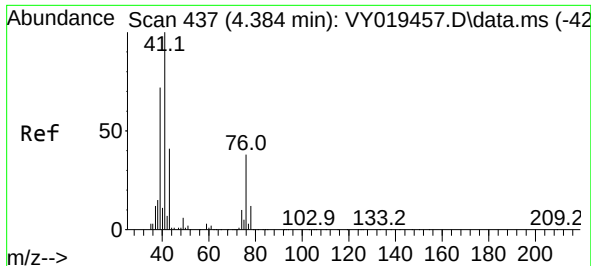
Tgt Ion: 41 Resp:25135523
 Ion Ratio Lower Upper
 41 100
 39 84.0 58.3 87.5
 76 0.0 39.0 58.6#



#15
 Acrylonitrile
 Concen: 14.437 ug/l
 RT: 5.122 min Scan# 558
 Delta R.T. 0.067 min
 Lab File: VY019786.D
 Acq: 03 Oct 2024 14:31

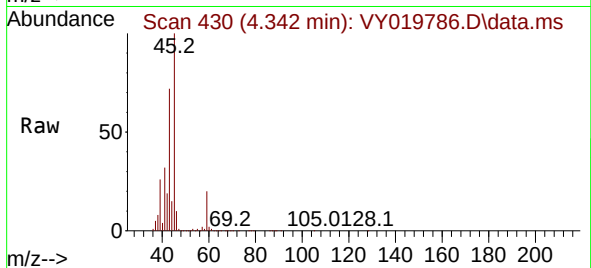
Tgt Ion: 53 Resp: 7904
 Ion Ratio Lower Upper
 53 100
 52 0.0 64.7 97.1#
 51 62.0 28.4 42.6#



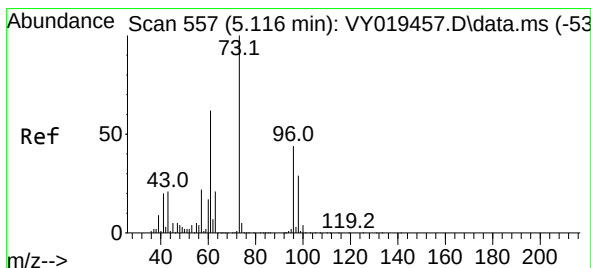
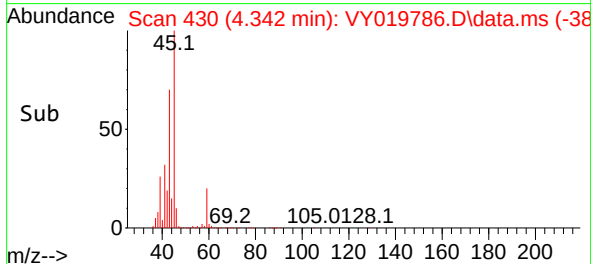
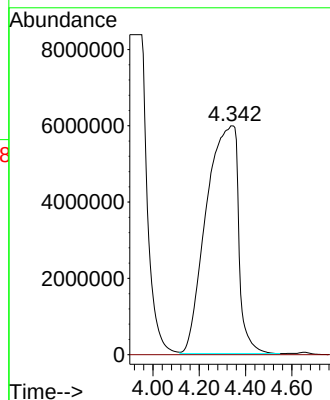


#18
Methyl Acetate
Concen: 38060.915 ug/l
RT: 4.342 min Scan# 41
Delta R.T. -0.042 min
Lab File: VY019786.D
Acq: 03 Oct 2024 14:31

Instrument :
MSVOA_Y
ClientSampleId :

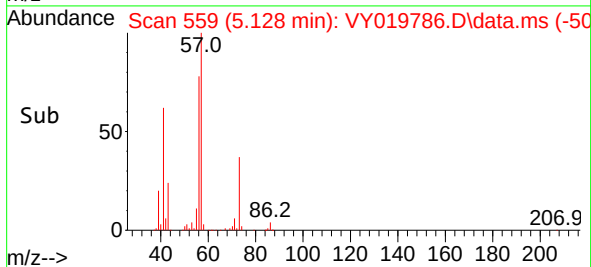
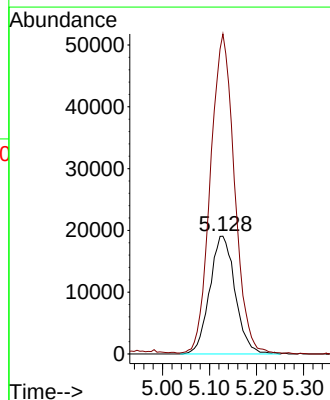
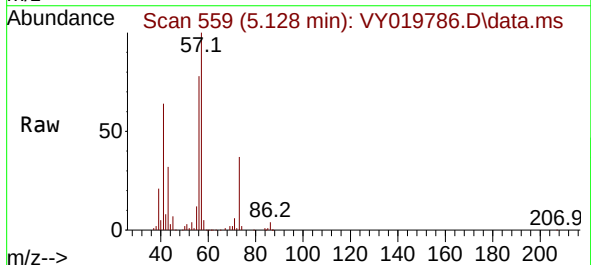


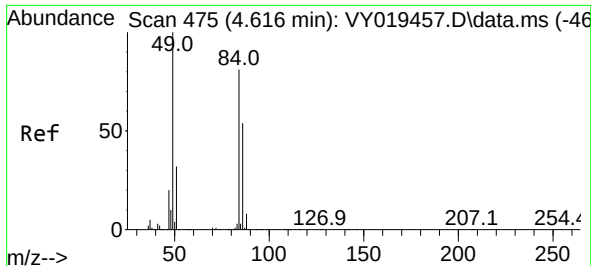
Tgt Ion: 43 Resp: 57792747
Ion Ratio Lower Upper
43 100
74 0.0 23.3 34.9#



#19
Methyl tert-butyl Ether
Concen: 11.248 ug/l
RT: 5.128 min Scan# 559
Delta R.T. 0.012 min
Lab File: VY019786.D
Acq: 03 Oct 2024 14:31

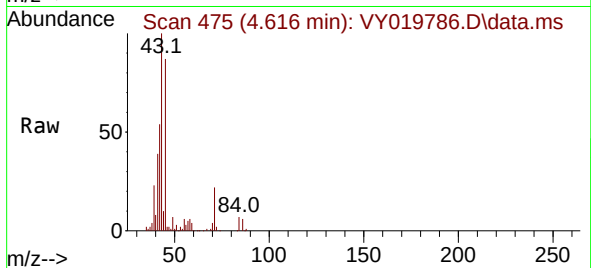
Tgt Ion: 73 Resp: 71691
Ion Ratio Lower Upper
73 100
57 270.7 17.3 25.9#



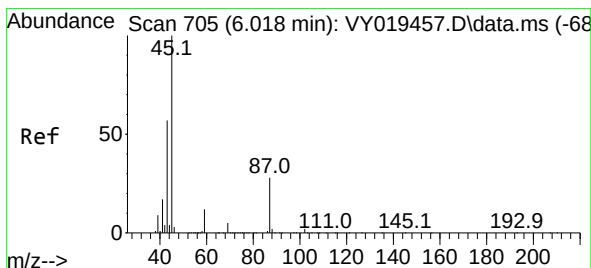
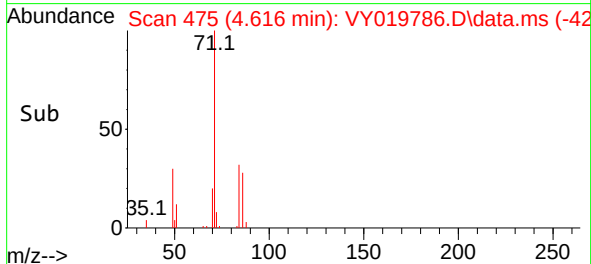
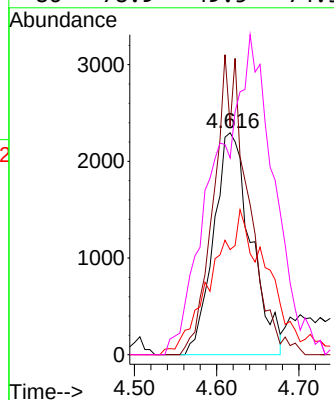


#20
Methylene Chloride
Concen: 2.845 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY019786.D
Acq: 03 Oct 2024 14:31

Instrument :
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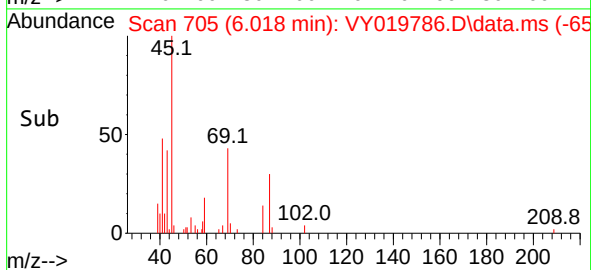
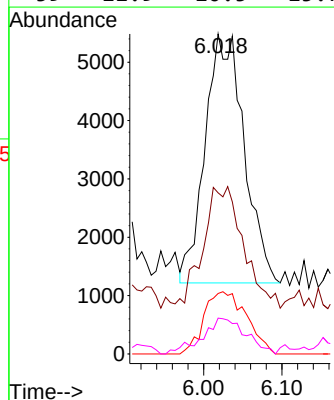
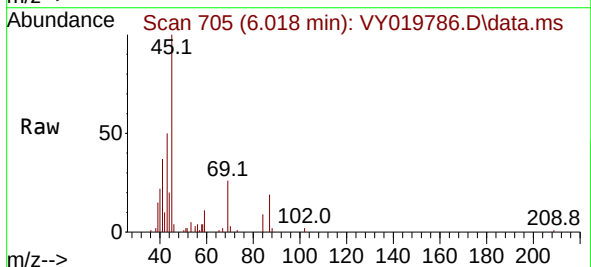


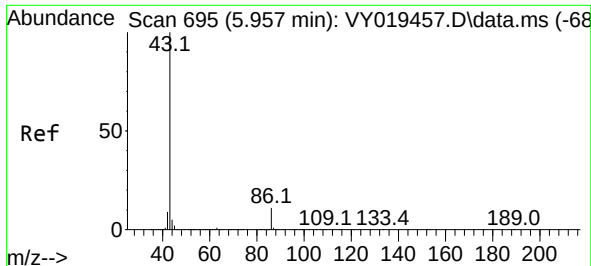
Tgt Ion:	84	Resp:	7260
Ion	Ratio	Lower	Upper
84	100		
49	103.0	84.4	126.6
51	40.5	26.0	39.0#
86	78.9	49.5	74.3#



#22
Diisopropyl ether
Concen: 1.775 ug/l
RT: 6.018 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY019786.D
Acq: 03 Oct 2024 14:31

Tgt Ion:	45	Resp:	14711
Ion	Ratio	Lower	Upper
45	100		
43	46.4	42.2	63.2
87	24.3	25.0	37.6#
59	11.9	10.5	15.7





#23

Vinyl Acetate

Concen: 1.574 ug/l

RT: 6.031 min Scan# 707

Delta R.T. 0.073 min

Lab File: VY019786.D

Acq: 03 Oct 2024 14:31

Instrument :

MSVOA_Y

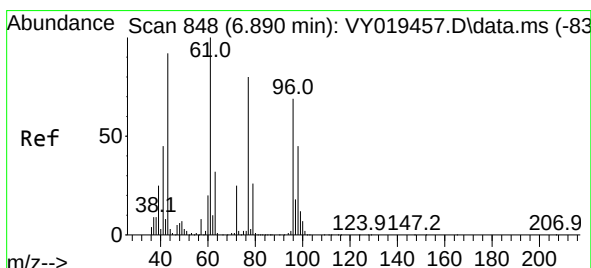
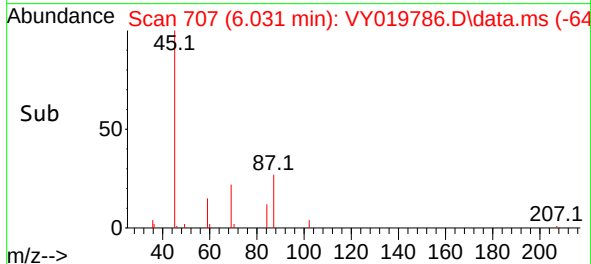
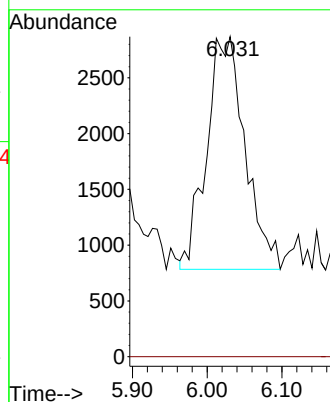
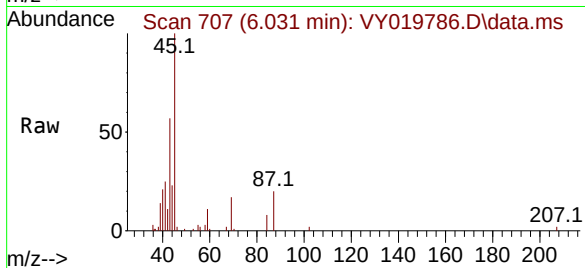
ClientSampleId :

Tgt Ion: 43 Resp: 7449

Ion Ratio Lower Upper

43 100

86 0.0 10.6 16.0#



#25

2-Butanone

Concen: 83.855 ug/l

RT: 6.915 min Scan# 852

Delta R.T. 0.025 min

Lab File: VY019786.D

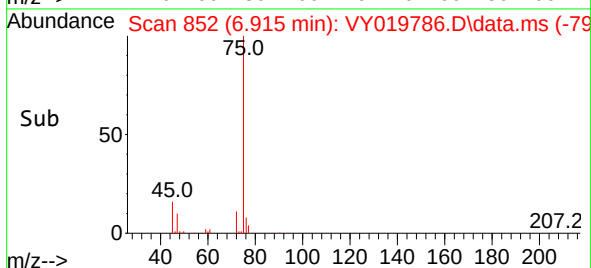
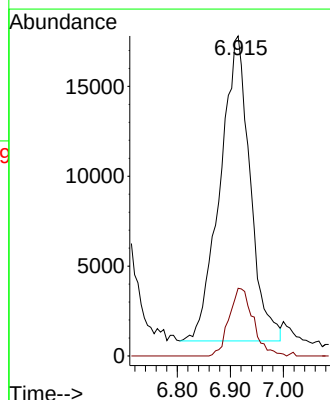
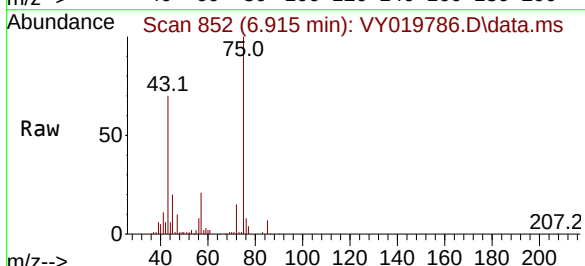
Acq: 03 Oct 2024 14:31

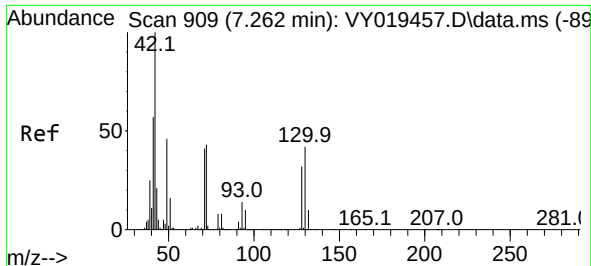
Tgt Ion: 43 Resp: 66731

Ion Ratio Lower Upper

43 100

72 22.2 27.3 40.9#





#29

Tetrahydrofuran

Concen: 5.677 ug/l

RT: 7.274 min Scan# 911

Delta R.T. 0.012 min

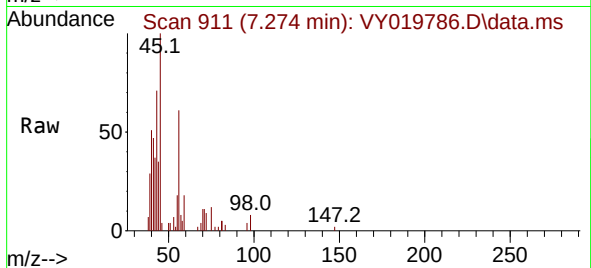
Lab File: VY019786.D

Acq: 03 Oct 2024 14:31

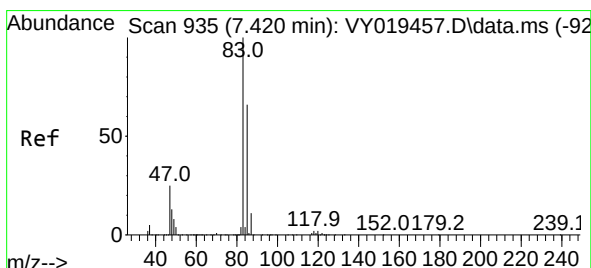
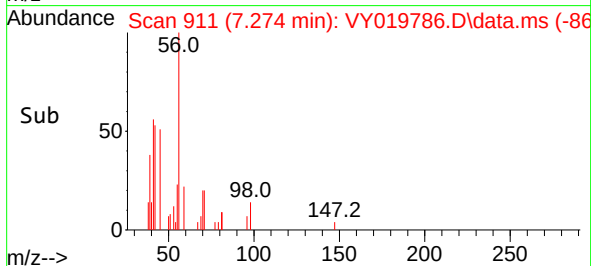
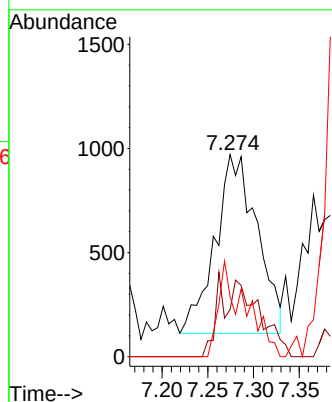
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	42	Resp:	2747
Ion Ratio	Lower	Upper	
42	100		
72	27.3	43.0	64.4#
71	0.0	40.8	61.2#



#30

Chloroform

Concen: 6.784 ug/l

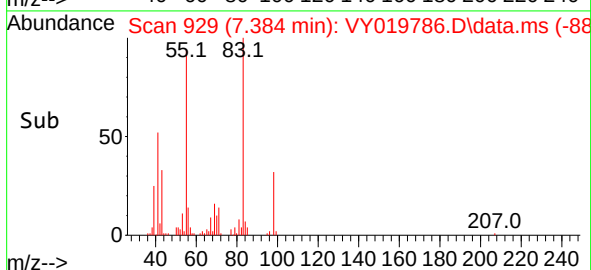
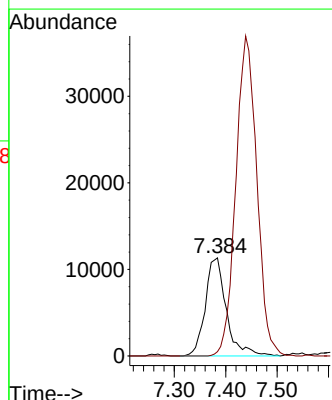
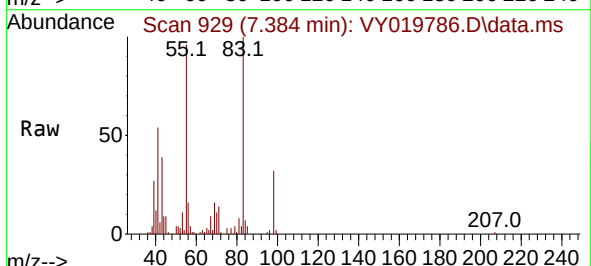
RT: 7.384 min Scan# 929

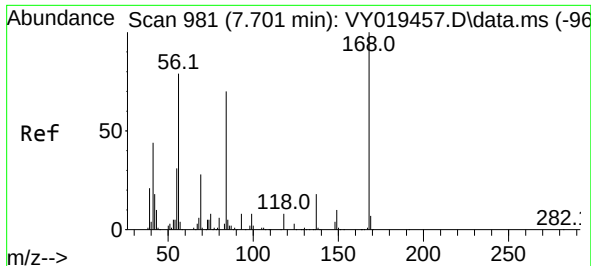
Delta R.T. -0.036 min

Lab File: VY019786.D

Acq: 03 Oct 2024 14:31

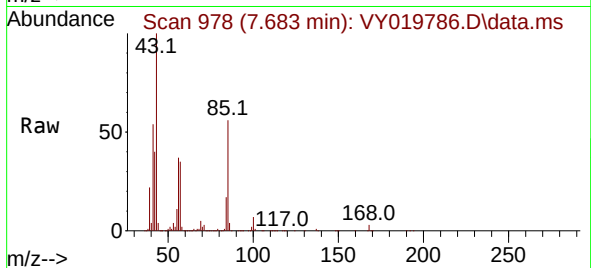
Tgt Ion:	83	Resp:	32202
Ion Ratio	Lower	Upper	
83	100		
85	4.4	52.2	78.4#



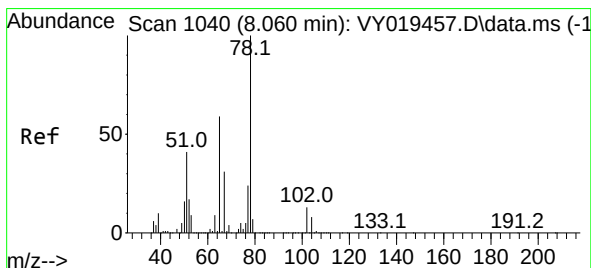
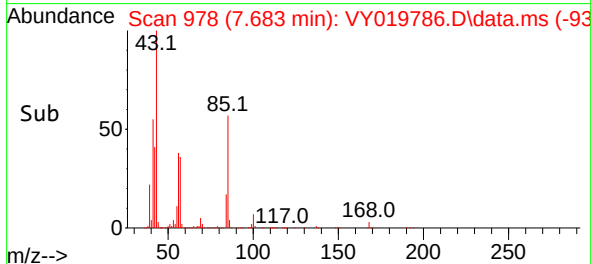
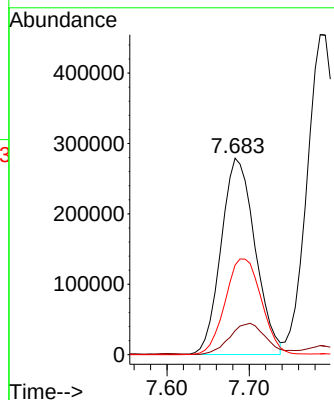


#31
Cyclohexane
Concen: 190.408 ug/l
RT: 7.683 min Scan# 91
Delta R.T. -0.018 min
Lab File: VY019786.D
Acq: 03 Oct 2024 14:31

Instrument :
MSVOA_Y
ClientSampleId :

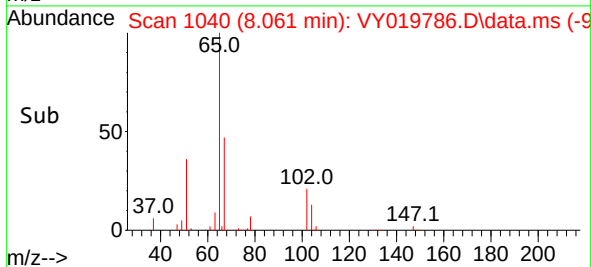
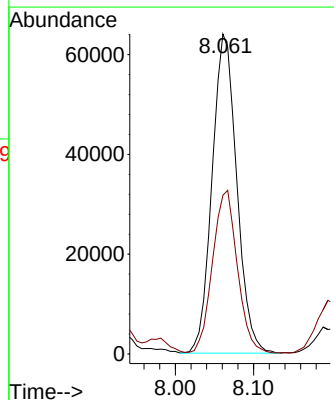
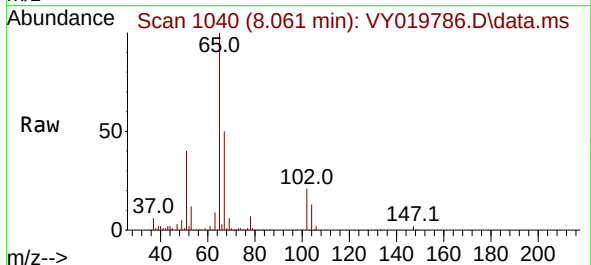


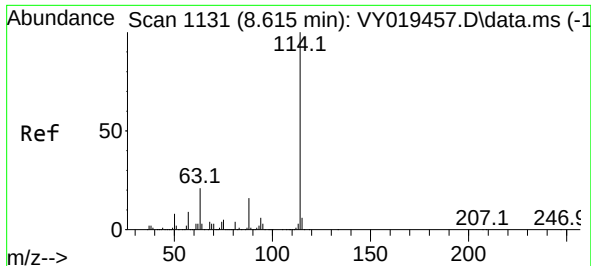
Tgt Ion: 56 Resp: 800336
Ion Ratio Lower Upper
56 100
69 11.8 28.7 43.1#
84 45.6 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 59.563 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY019786.D
Acq: 03 Oct 2024 14:31

Tgt Ion: 65 Resp: 139892
Ion Ratio Lower Upper
65 100
67 51.2 0.0 109.6

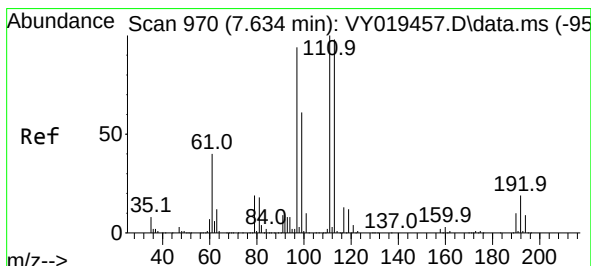
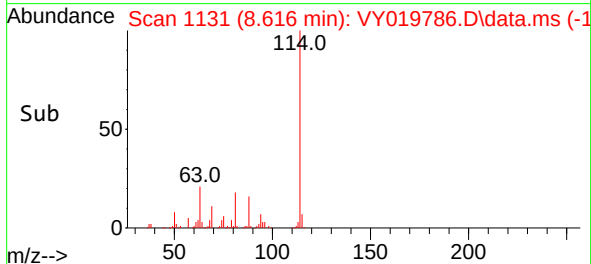
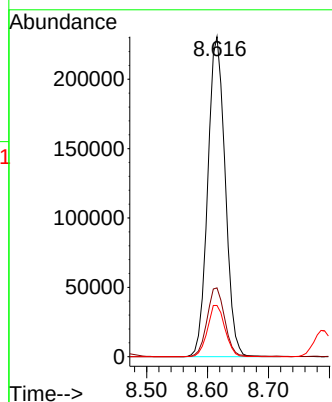
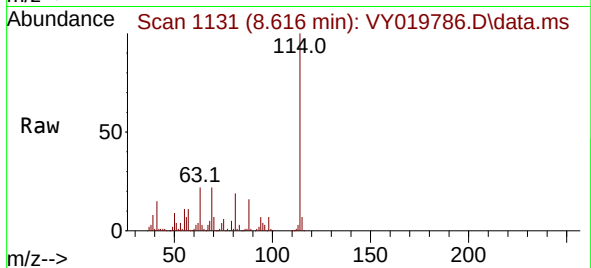




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY019786.D
Acq: 03 Oct 2024 14:31

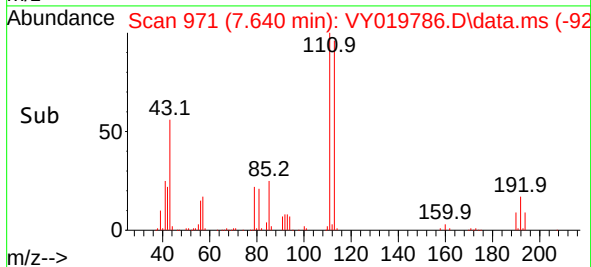
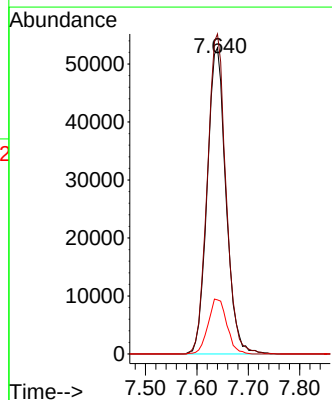
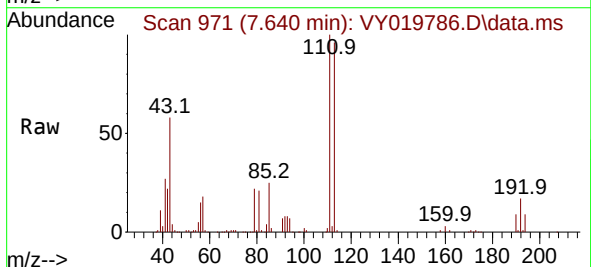
Instrument :
MSVOA_Y
ClientSampleId :

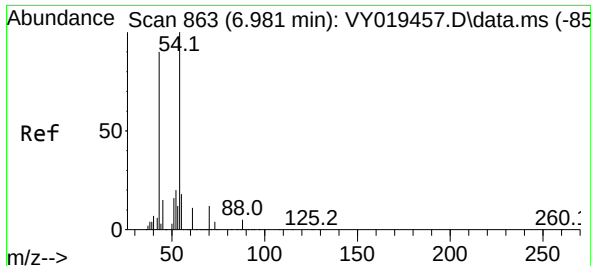
Tgt Ion:114 Resp: 456613
Ion Ratio Lower Upper
114 100
63 21.5 0.0 35.0
88 16.0 0.0 27.2



#35
Dibromofluoromethane
Concen: 51.600 ug/l
RT: 7.640 min Scan# 971
Delta R.T. 0.006 min
Lab File: VY019786.D
Acq: 03 Oct 2024 14:31

Tgt Ion:113 Resp: 133588
Ion Ratio Lower Upper
113 100
111 104.0 82.2 123.4
192 17.9 15.9 23.9





#37

Ethyl Acetate

Concen: 36.971 ug/l

RT: 6.915 min Scan# 81

Delta R.T. -0.067 min

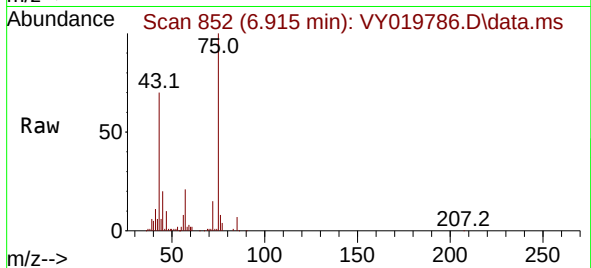
Lab File: VY019786.D

Acq: 03 Oct 2024 14:31

Instrument :

MSVOA_Y

ClientSampleId :



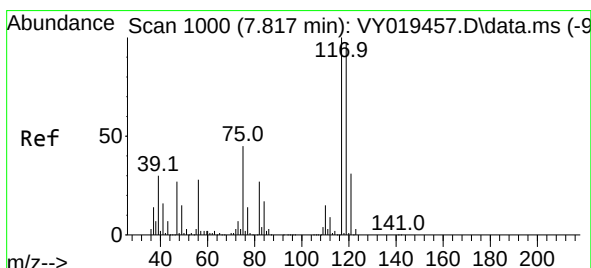
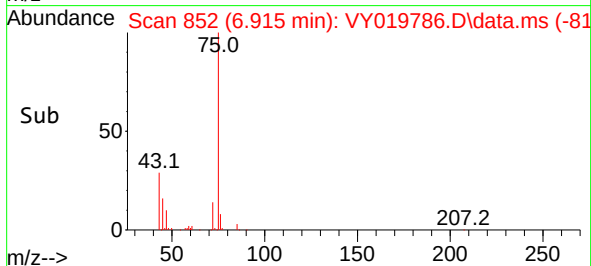
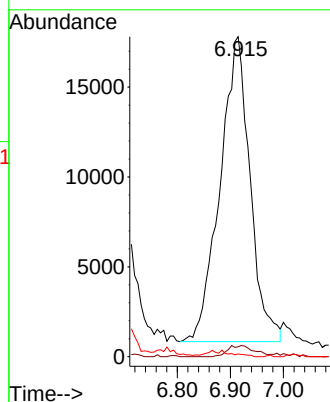
Tgt Ion: 43 Resp: 66731

Ion Ratio Lower Upper

43 100

61 3.2 12.6 19.0#

70 0.0 7.8 11.8#



#38

Carbon Tetrachloride

Concen: 6.885 ug/l

RT: 7.707 min Scan# 982

Delta R.T. -0.110 min

Lab File: VY019786.D

Acq: 03 Oct 2024 14:31

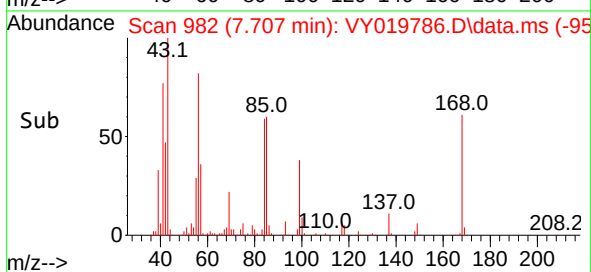
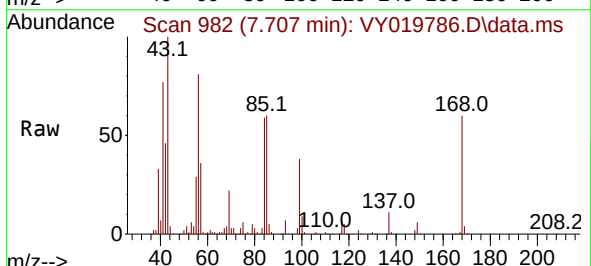
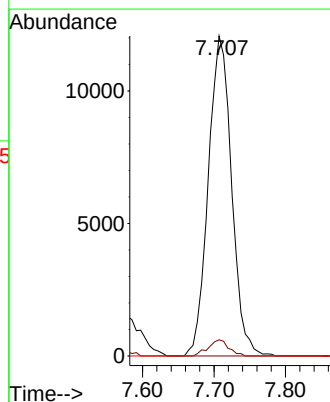
Tgt Ion: 117 Resp: 27350

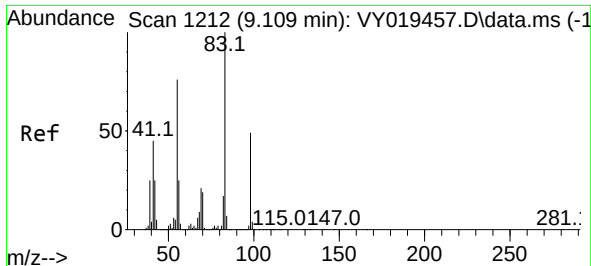
Ion Ratio Lower Upper

117 100

119 5.1 75.8 113.6#

121 0.0 24.0 36.0#





#39

Methylcyclohexane

Concen: 347.407 ug/l

RT: 9.109 min Scan# 1

Delta R.T. 0.000 min

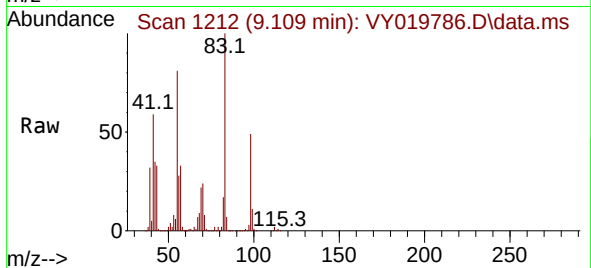
Lab File: VY019786.D

Acq: 03 Oct 2024 14:31

Instrument :

MSVOA_Y

ClientSampleId :



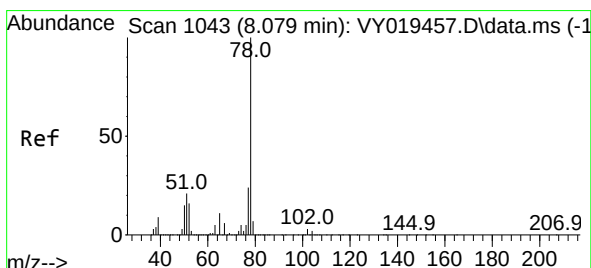
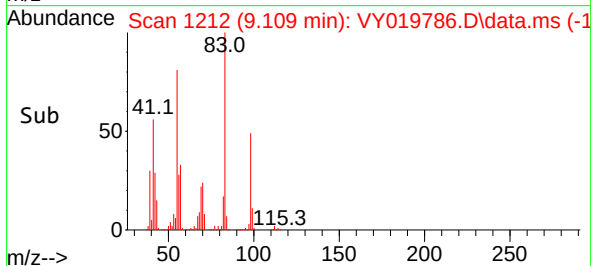
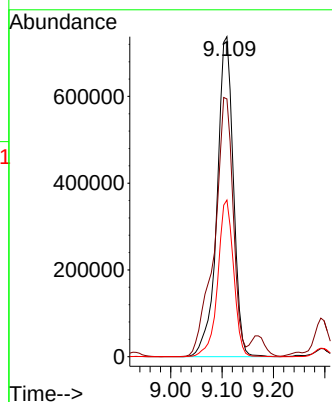
Tgt Ion: 83 Resp: 1628663

Ion Ratio Lower Upper

83 100

55 80.5 51.5 77.3#

98 48.9 40.5 60.7



#40

Benzene

Concen: 2.307 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.000 min

Lab File: VY019786.D

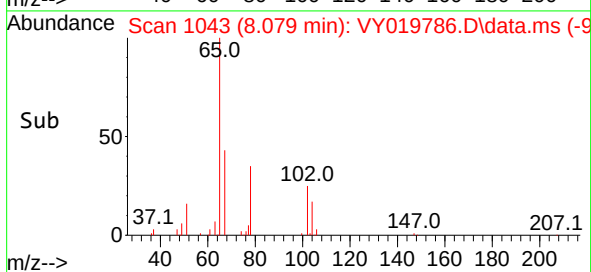
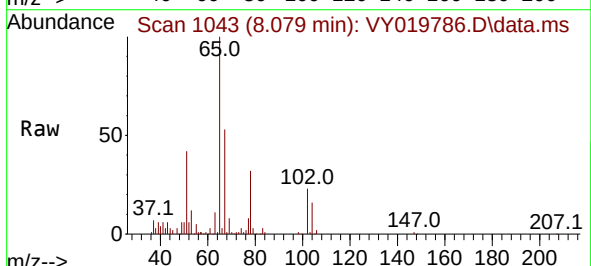
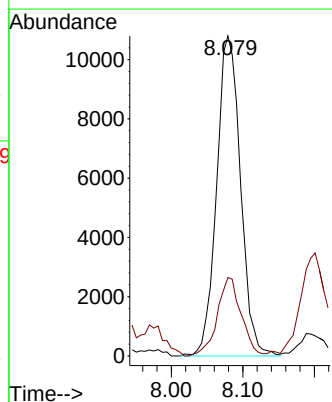
Acq: 03 Oct 2024 14:31

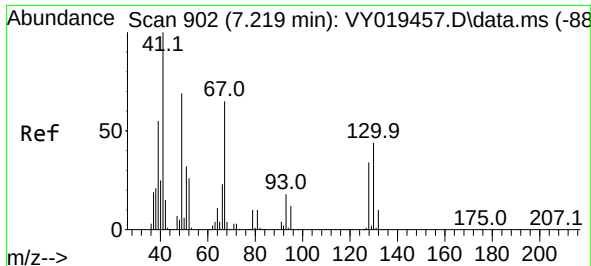
Tgt Ion: 78 Resp: 25030

Ion Ratio Lower Upper

78 100

77 23.7 19.5 29.3

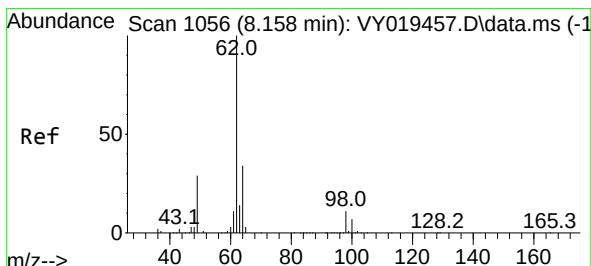
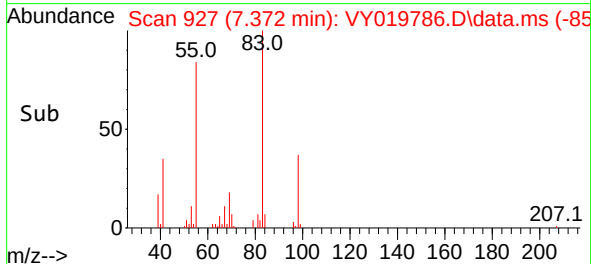
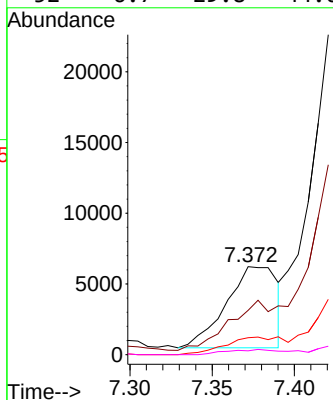
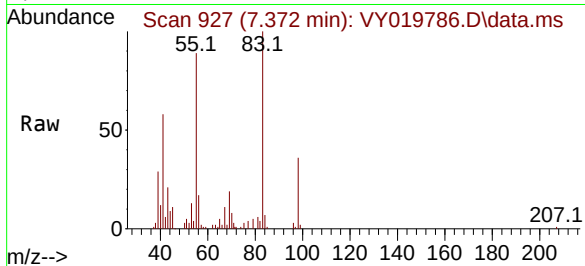




#41
Methacrylonitrile
Concen: 11.798 ug/l
RT: 7.372 min Scan# 91
Delta R.T. 0.153 min
Lab File: VY019786.D
Acq: 03 Oct 2024 14:31

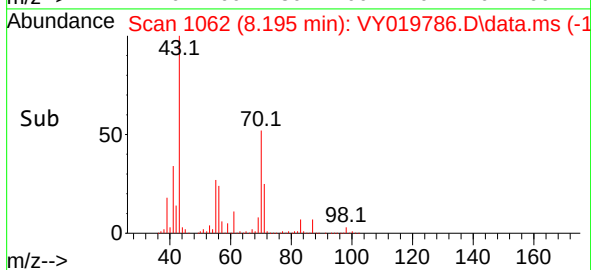
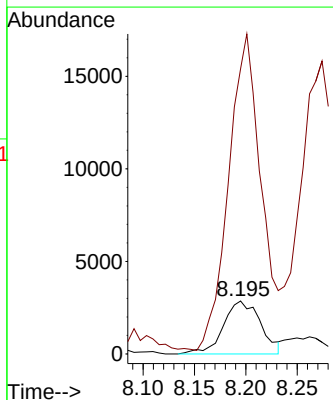
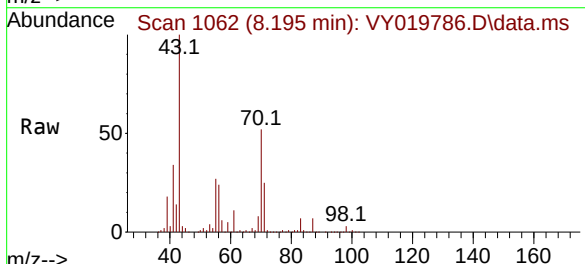
Instrument :
MSVOA_Y
ClientSampleId :

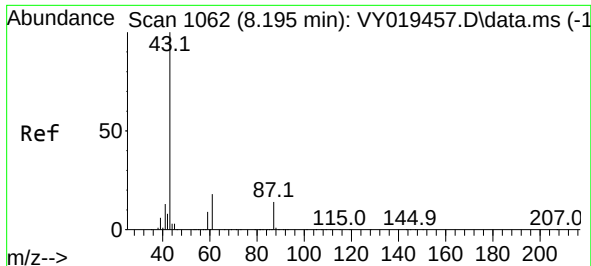
Tgt Ion: 41 Resp: 12413
Ion Ratio Lower Upper
41 100
39 47.3 48.0 72.0#
67 18.7 75.1 112.7#
52 6.7 29.8 44.6#



#42
1,2-Dichloroethane
Concen: 2.465 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. 0.037 min
Lab File: VY019786.D
Acq: 03 Oct 2024 14:31

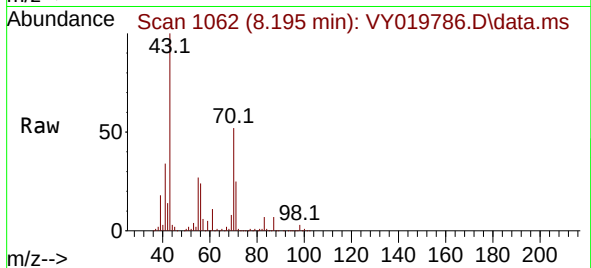
Tgt Ion: 62 Resp: 7197
Ion Ratio Lower Upper
62 100
98 526.4 0.0 22.0#



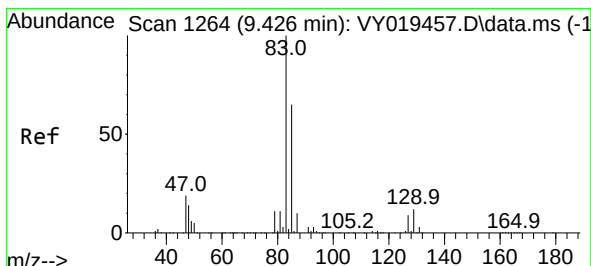
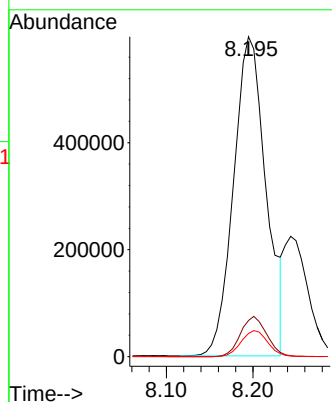
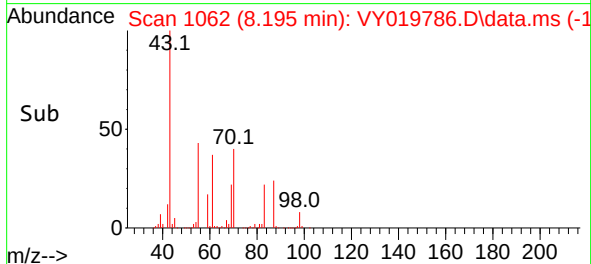


#43
Isopropyl Acetate
Concen: 410.348 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VY019786.D
Acq: 03 Oct 2024 14:31

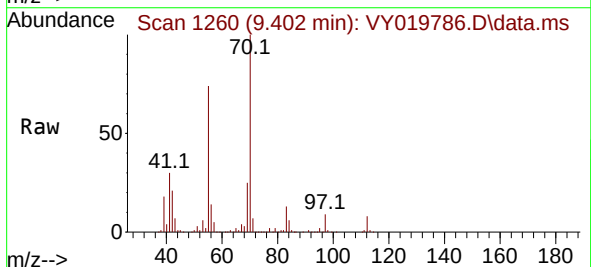
Instrument :
MSVOA_Y
ClientSampleId :



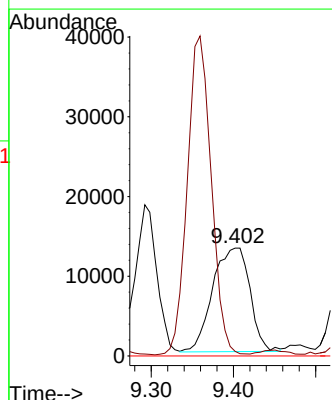
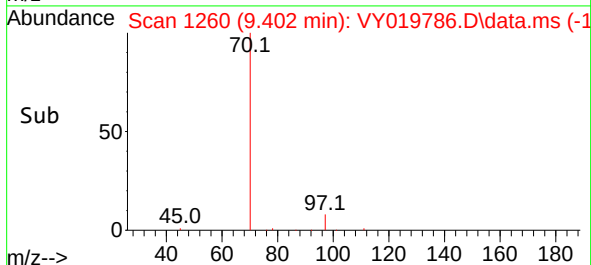
Tgt Ion: 43 Resp: 1556084
Ion Ratio Lower Upper
43 100
61 10.3 27.9 41.9#
87 6.8 13.1 19.7#

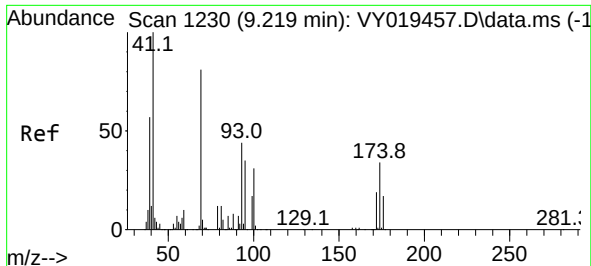


#47
Bromodichloromethane
Concen: 10.511 ug/l
RT: 9.402 min Scan# 1260
Delta R.T. -0.024 min
Lab File: VY019786.D
Acq: 03 Oct 2024 14:31



Tgt Ion: 83 Resp: 40984
Ion Ratio Lower Upper
83 100
85 0.2 50.1 75.1#
127 0.0 7.4 11.0#

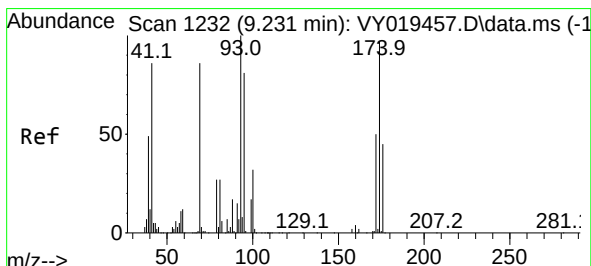
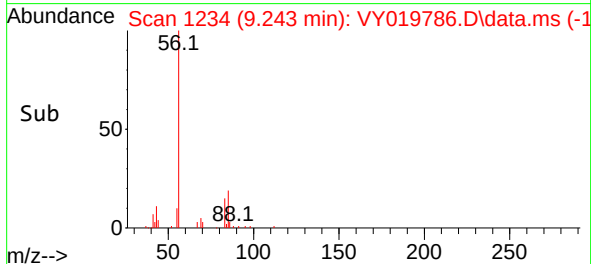
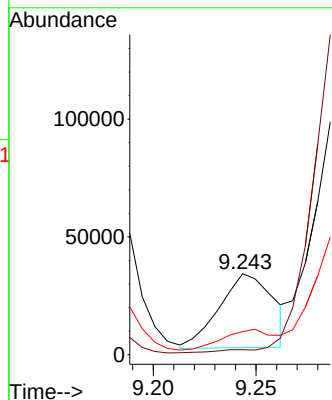
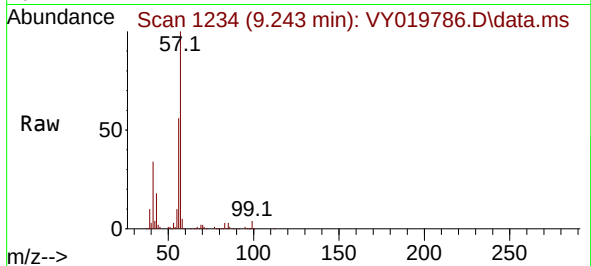




#48
Methyl methacrylate
Concen: 31.672 ug/l
RT: 9.243 min Scan# 1234
Delta R.T. 0.025 min
Lab File: VY019786.D
Acq: 03 Oct 2024 14:31

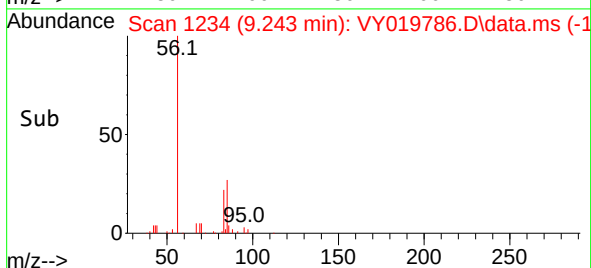
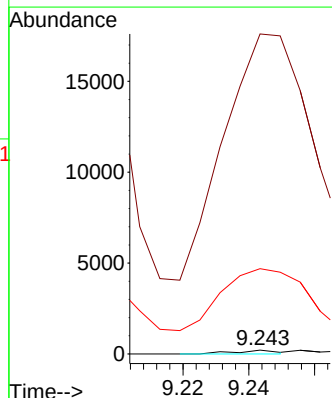
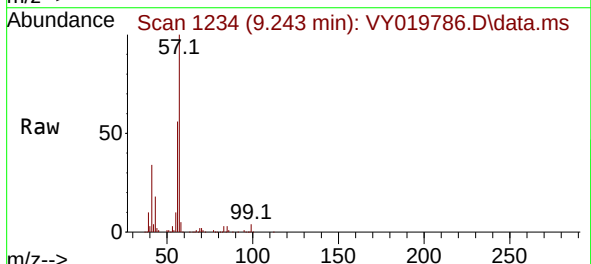
Instrument :
MSVOA_Y
ClientSampleId :

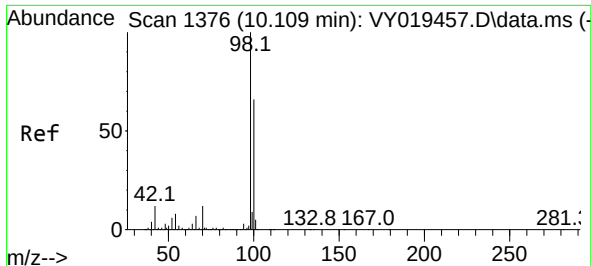
Tgt Ion: 41 Resp: 56717
Ion Ratio Lower Upper
41 100
69 0.0 84.1 126.1#
39 0.0 43.6 65.4#



#49
1,4-Dioxane
Concen: 10.775 ug/l
RT: 9.243 min Scan# 1234
Delta R.T. 0.012 min
Lab File: VY019786.D
Acq: 03 Oct 2024 14:31

Tgt Ion: 88 Resp: 184
Ion Ratio Lower Upper
88 100
43 13819.0 0.0 0.0#
58 5427.2 49.3 73.9#

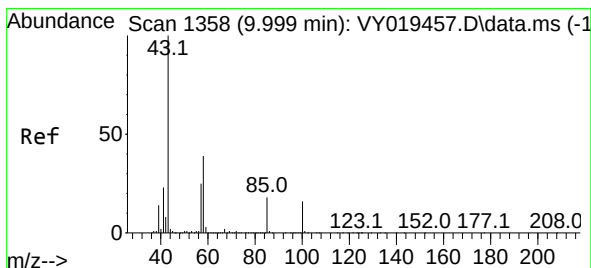
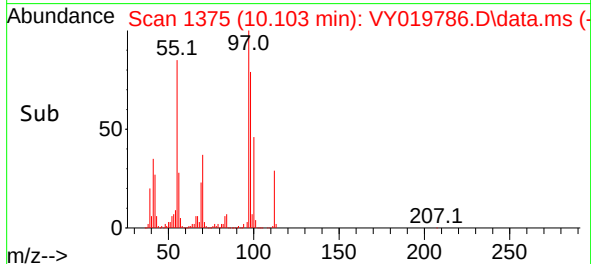
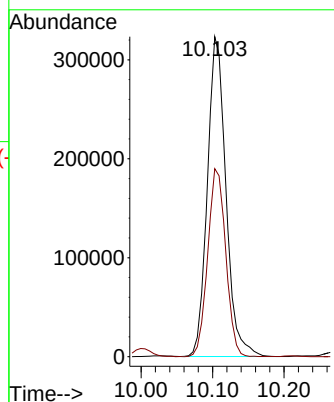
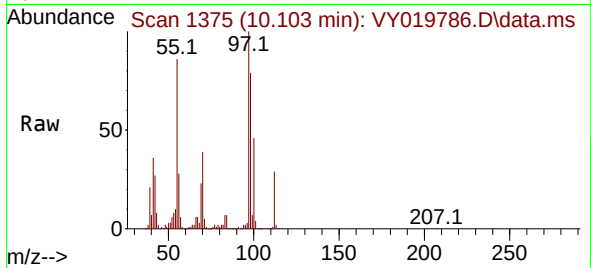




#50
Toluene-d8
Concen: 61.016 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY019786.D
Acq: 03 Oct 2024 14:31

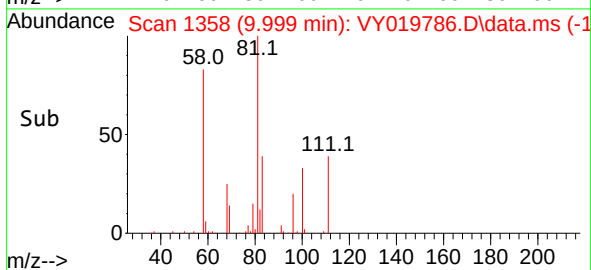
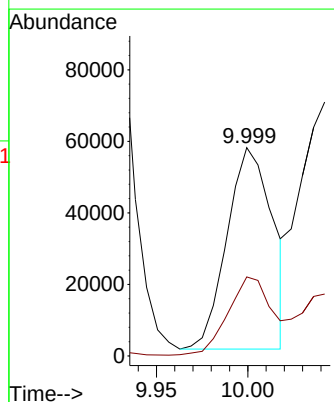
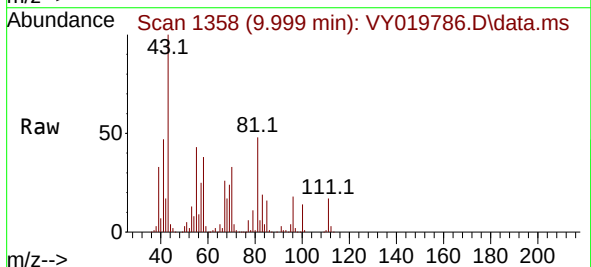
Instrument :
MSVOA_Y
ClientSampleId :

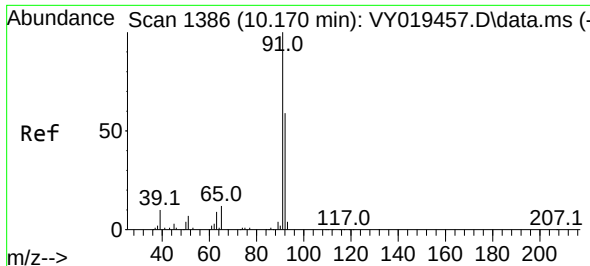
Tgt Ion: 98 Resp: 584277
Ion Ratio Lower Upper
98 100
100 56.9 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 51.287 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY019786.D
Acq: 03 Oct 2024 14:31

Tgt Ion: 43 Resp: 97844
Ion Ratio Lower Upper
43 100
58 36.8 35.7 53.5

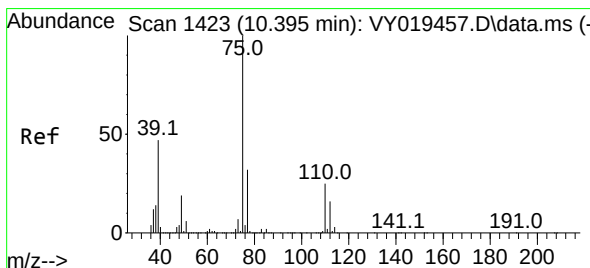
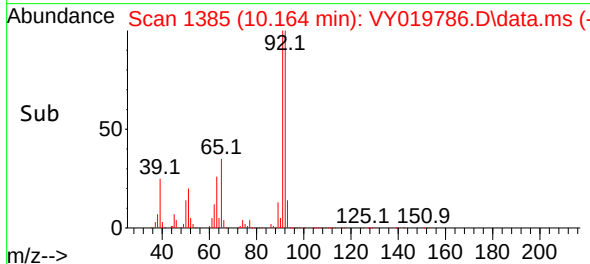
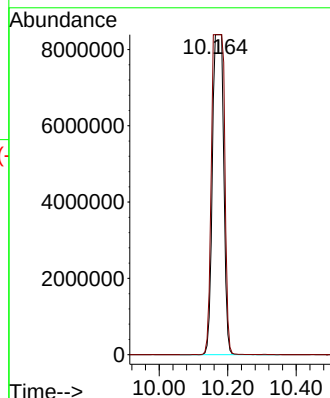
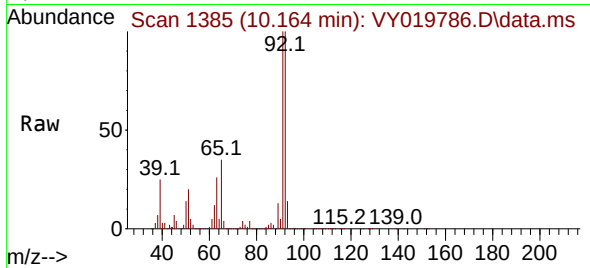




#52
Toluene
Concen: 2736.364 ug/l
RT: 10.164 min Scan# 1385
Delta R.T. -0.006 min
Lab File: VY019786.D
Acq: 03 Oct 2024 14:31

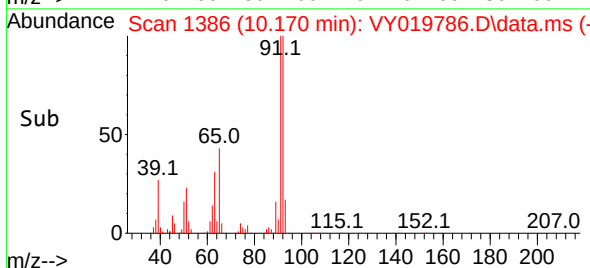
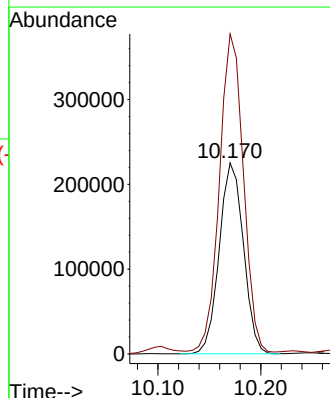
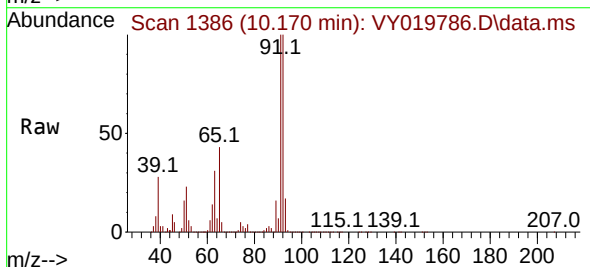
Instrument :
MSVOA_Y
ClientSampleId :

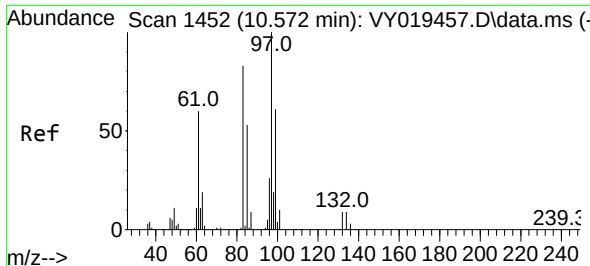
Tgt Ion: 92 Resp:19095151
Ion Ratio Lower Upper
92 100
91 0.0 139.0 208.6#



#53
t-1,3-Dichloropropene
Concen: 98.875 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.225 min
Lab File: VY019786.D
Acq: 03 Oct 2024 14:31

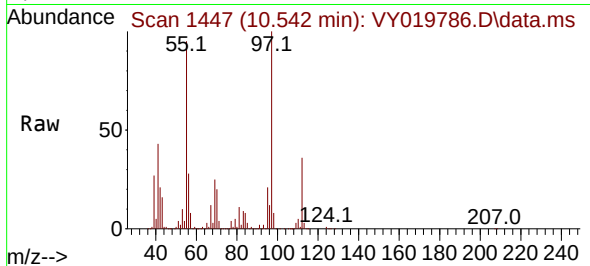
Tgt Ion: 75 Resp: 367524
Ion Ratio Lower Upper
75 100
77 166.5 24.1 36.1#



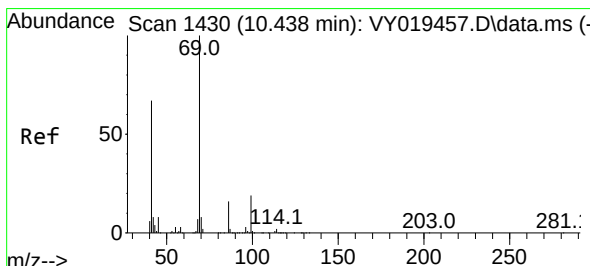
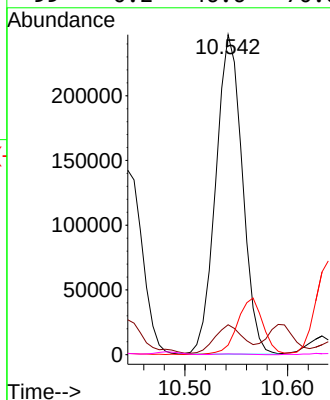
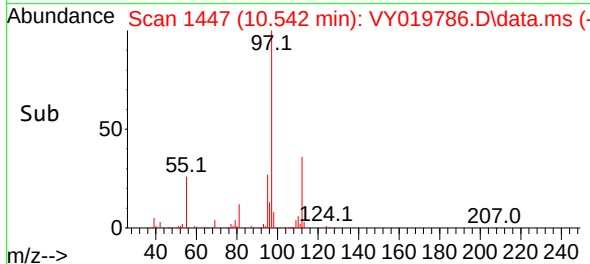


#55
1,1,2-Trichloroethane
Concen: 220.577 ug/l
RT: 10.542 min Scan# 1447
Delta R.T. -0.030 min
Lab File: VY019786.D
Acq: 03 Oct 2024 14:31

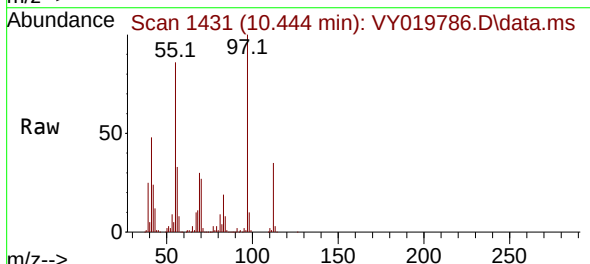
Instrument :
MSVOA_Y
ClientSampleId :



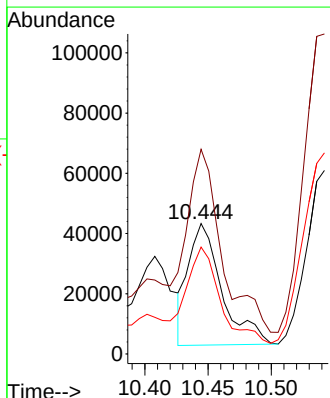
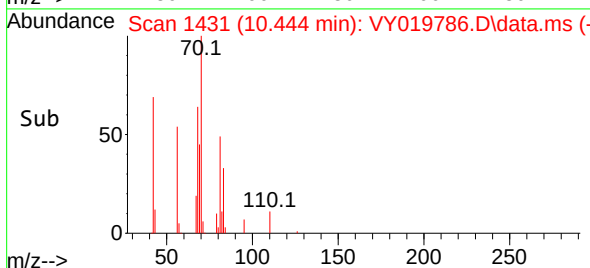
Tgt Ion	Ratio	Lower	Upper
97	100		
83	8.5	67.5	101.3#
85	2.9	42.9	64.3#
99	0.2	46.6	70.0#

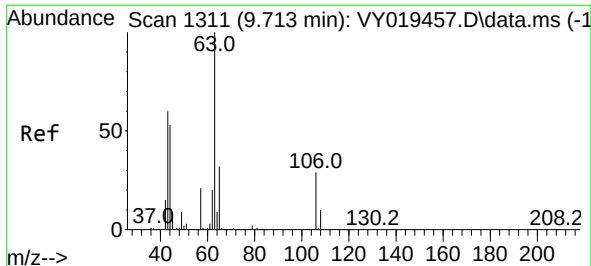


#56
Ethyl methacrylate
Concen: 24.485 ug/l
RT: 10.444 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VY019786.D
Acq: 03 Oct 2024 14:31



Tgt Ion	Ratio	Lower	Upper
69	100		
41	158.2	42.3	63.5#
39	0.0	22.9	34.3#





#58

2-Chloroethyl Vinyl ether

Concen: 2.662 ug/l

RT: 9.688 min Scan# 11

Delta R.T. -0.024 min

Lab File: VY019786.D

Acq: 03 Oct 2024 14:31

Instrument :

MSVOA_Y

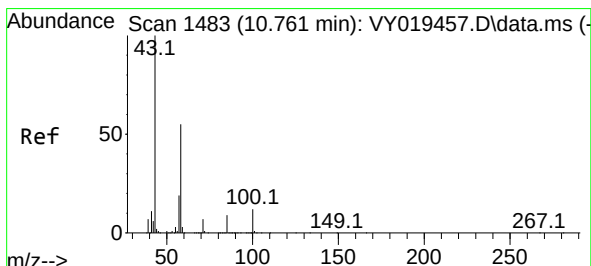
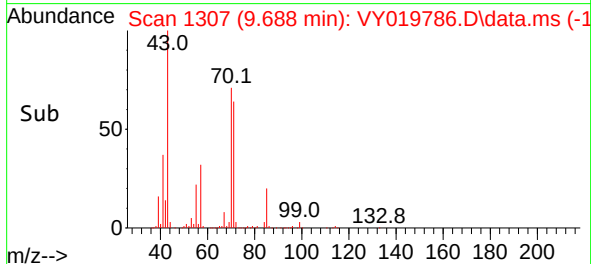
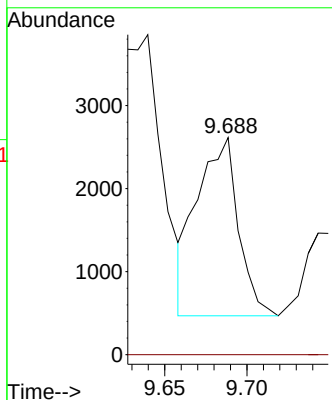
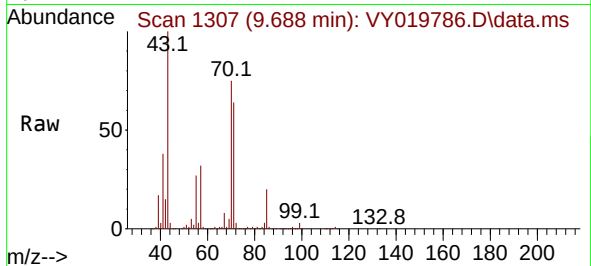
ClientSampleId :

Tgt Ion: 63 Resp: 3760

Ion Ratio Lower Upper

63 100

106 0.0 23.7 35.5#



#59

2-Hexanone

Concen: 228.716 ug/l

RT: 10.725 min Scan# 1477

Delta R.T. -0.036 min

Lab File: VY019786.D

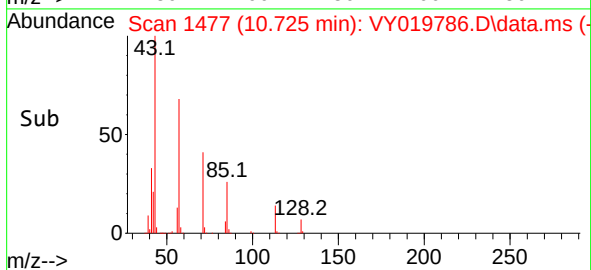
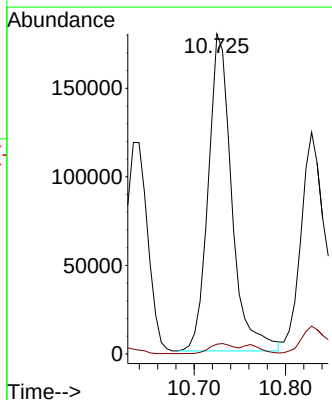
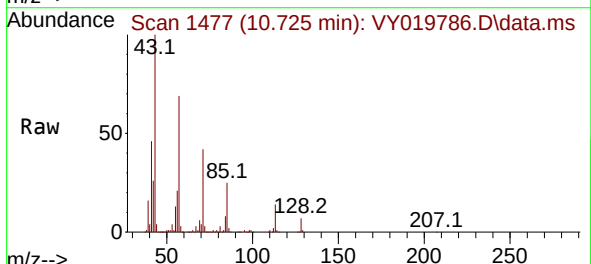
Acq: 03 Oct 2024 14:31

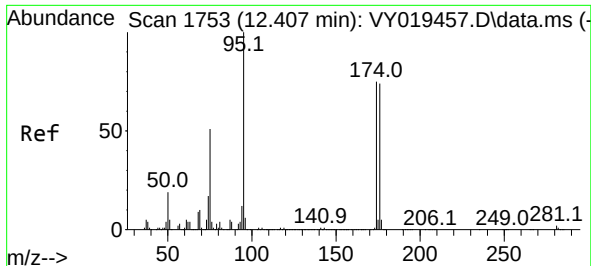
Tgt Ion: 43 Resp: 319895

Ion Ratio Lower Upper

43 100

58 3.4 31.4 94.0#

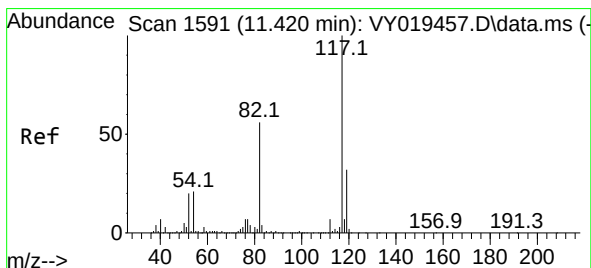
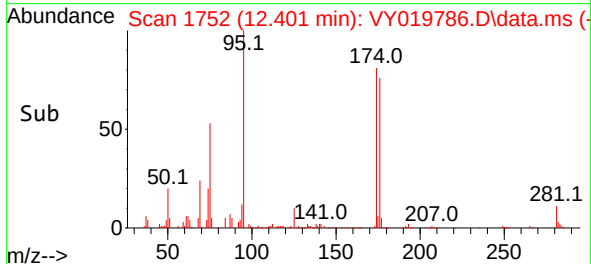
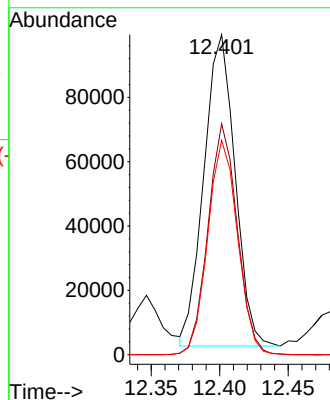
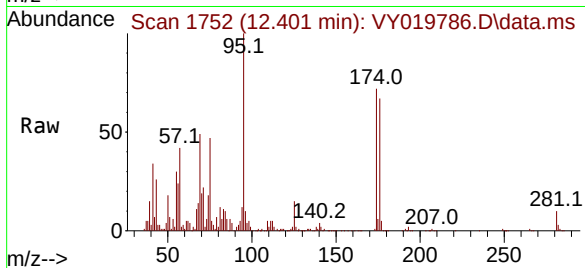




#62
4-Bromofluorobenzene
Concen: 41.523 ug/l
RT: 12.401 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019786.D
Acq: 03 Oct 2024 14:31

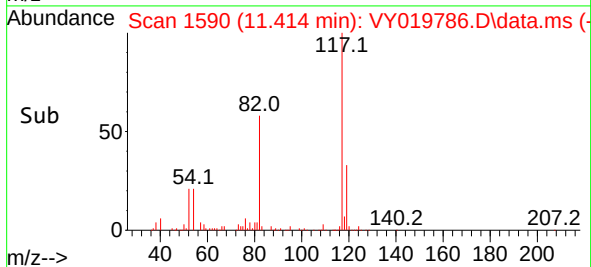
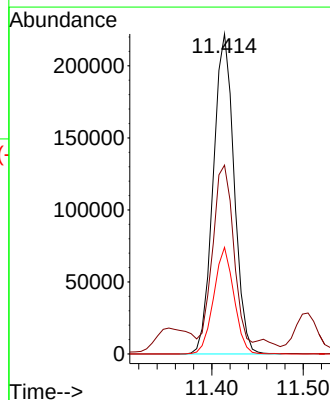
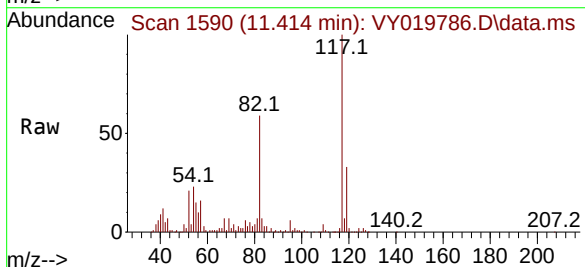
Instrument :
MSVOA_Y
ClientSampleId :

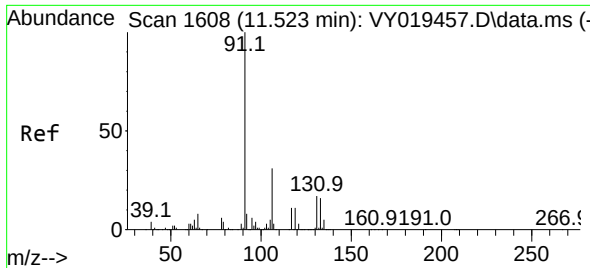
Tgt Ion: 95 Resp: 152888
Ion Ratio Lower Upper
95 100
174 69.7 0.0 175.6
176 65.8 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY019786.D
Acq: 03 Oct 2024 14:31

Tgt Ion:117 Resp: 351851
Ion Ratio Lower Upper
117 100
82 56.7 42.4 63.6
119 33.3 25.9 38.9

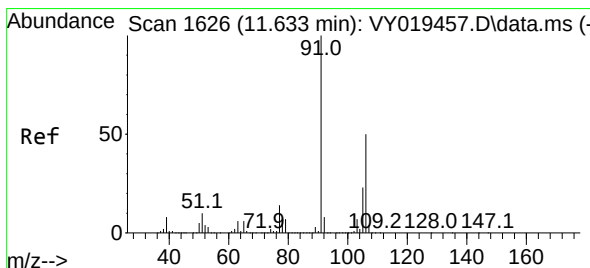
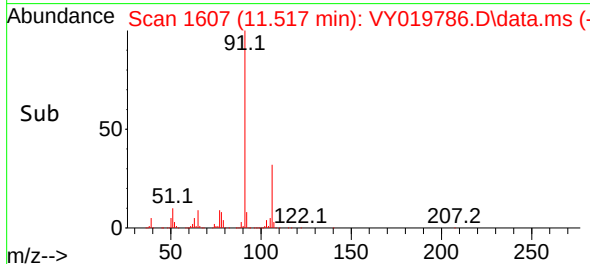
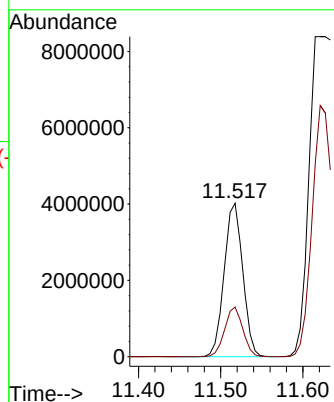
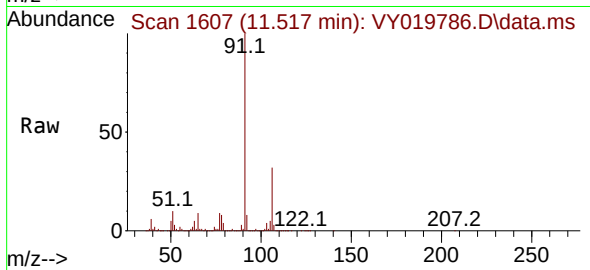




#67
Ethyl Benzene
Concen: 513.805 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. -0.006 min
Lab File: VY019786.D
Acq: 03 Oct 2024 14:31

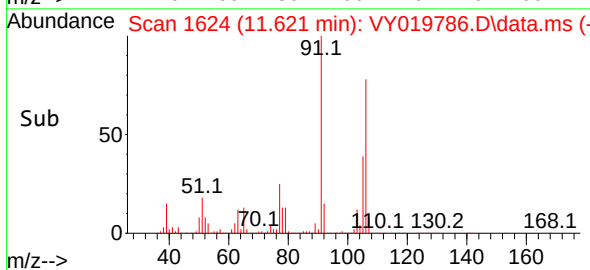
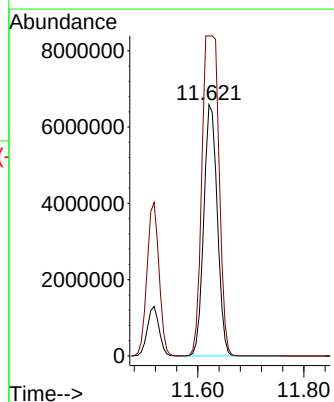
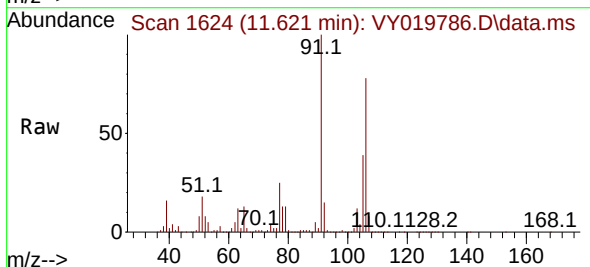
Instrument :
MSVOA_Y
ClientSampleId :

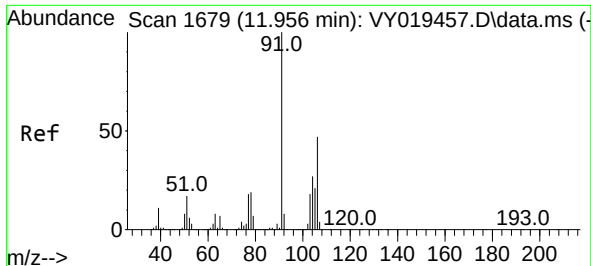
Tgt Ion: 91 Resp: 6318615
Ion Ratio Lower Upper
91 100
106 32.3 24.5 36.7



#68
m/p-Xylenes
Concen: 2509.053 ug/l
RT: 11.621 min Scan# 1624
Delta R.T. -0.012 min
Lab File: VY019786.D
Acq: 03 Oct 2024 14:31

Tgt Ion: 106 Resp: 11667179
Ion Ratio Lower Upper
106 100
91 160.8 156.0 234.0

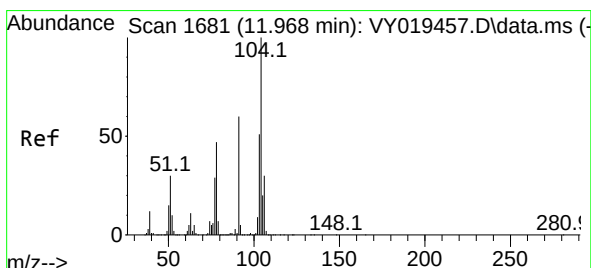
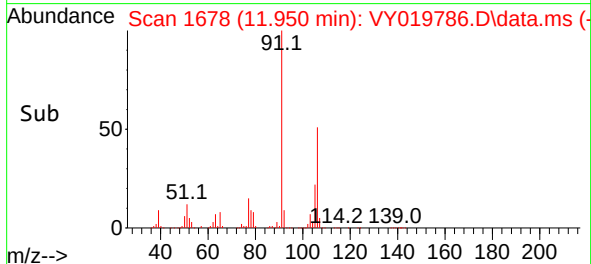
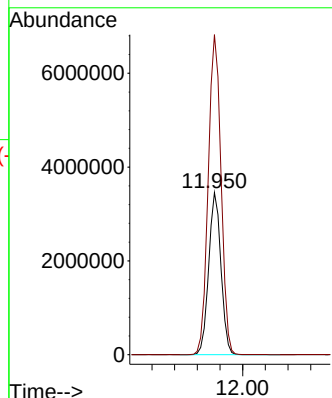
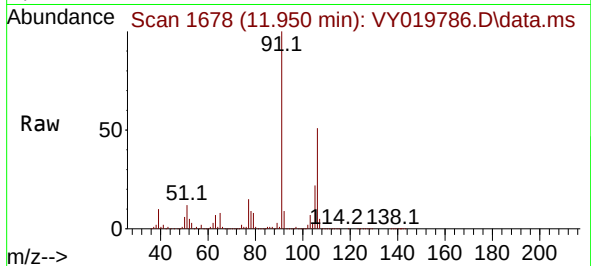




#69
o-Xylene
Concen: 1141.204 ug/l
RT: 11.950 min Scan# 1678
Delta R.T. -0.006 min
Lab File: VY019786.D
Acq: 03 Oct 2024 14:31

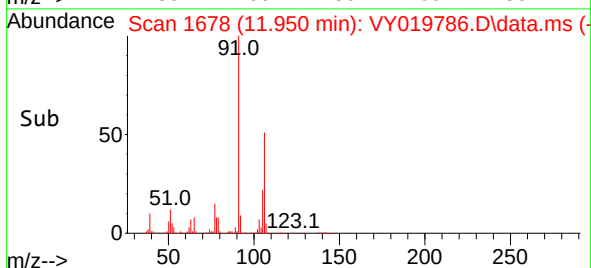
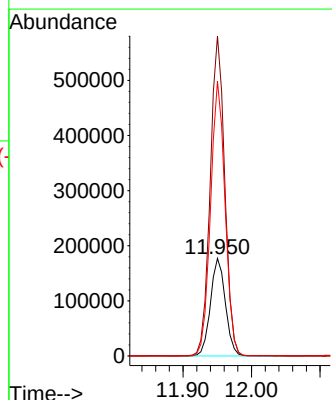
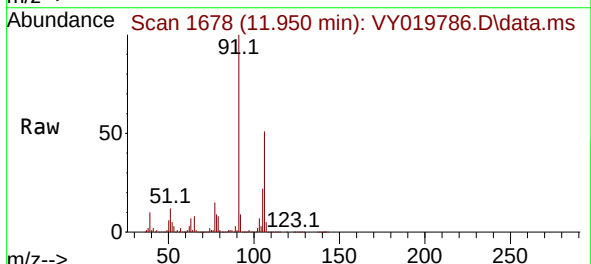
Instrument :
MSVOA_Y
ClientSampleId :

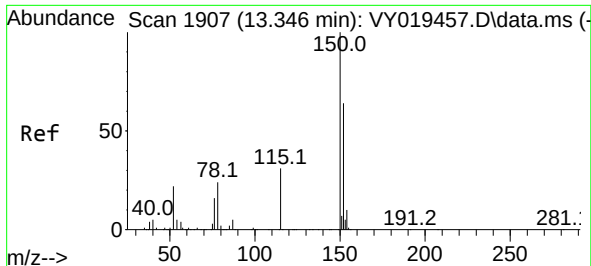
Tgt Ion:106 Resp: 5189738
Ion Ratio Lower Upper
106 100
91 206.4 103.6 310.8



#70
Styrene
Concen: 34.880 ug/l
RT: 11.950 min Scan# 1678
Delta R.T. -0.018 min
Lab File: VY019786.D
Acq: 03 Oct 2024 14:31

Tgt Ion:104 Resp: 267807
Ion Ratio Lower Upper
104 100
78 320.1 37.0 55.4#
103 274.9 44.2 66.2#

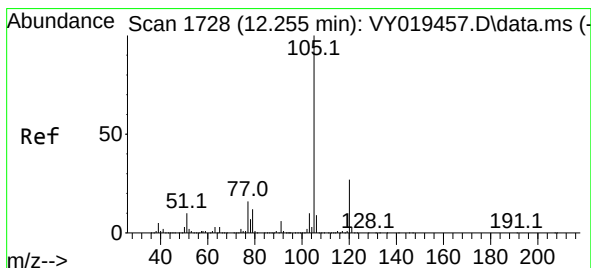
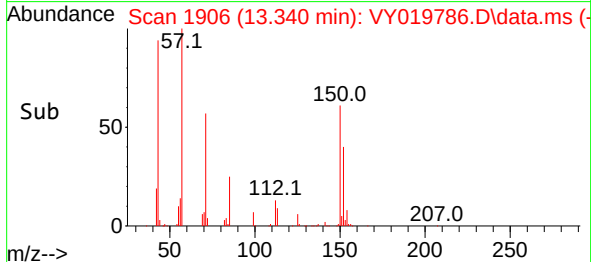
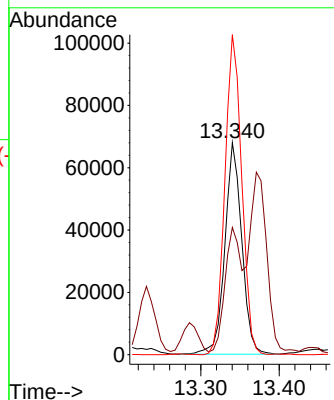
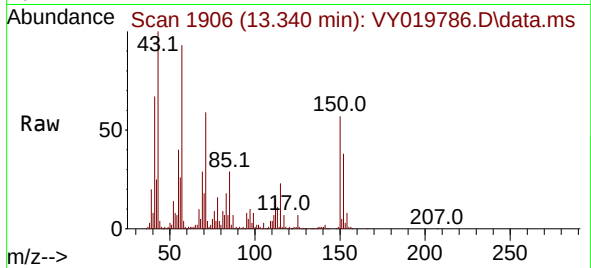




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.340 min Scan# 1907
 Delta R.T. -0.006 min
 Lab File: VY019786.D
 Acq: 03 Oct 2024 14:31

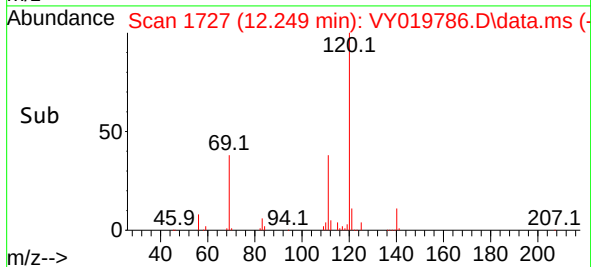
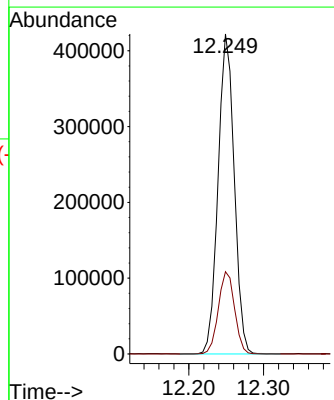
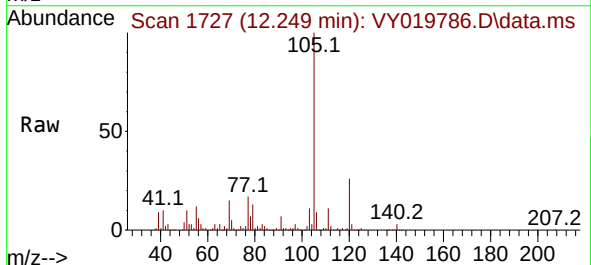
Instrument :
 MSVOA_Y
 ClientSampleId :

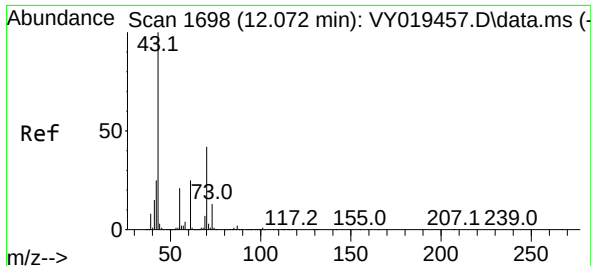
Tgt Ion:152 Resp: 102105
 Ion Ratio Lower Upper
 152 100
 115 55.1 28.2 84.7
 150 150.3 0.0 345.6



#73
 Isopropylbenzene
 Concen: 85.688 ug/l
 RT: 12.249 min Scan# 1727
 Delta R.T. -0.006 min
 Lab File: VY019786.D
 Acq: 03 Oct 2024 14:31

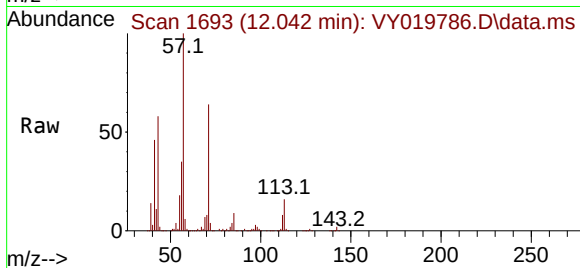
Tgt Ion:105 Resp: 634725
 Ion Ratio Lower Upper
 105 100
 120 25.8 13.4 40.1



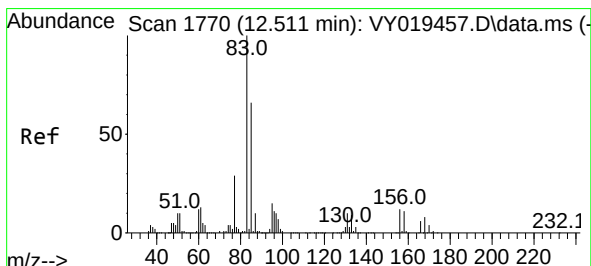
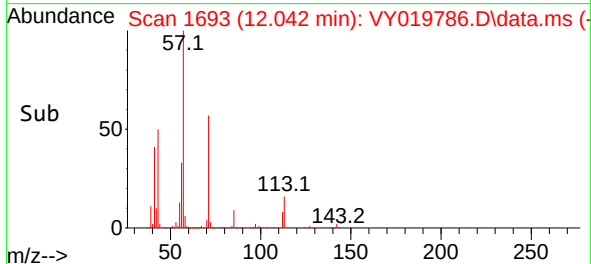
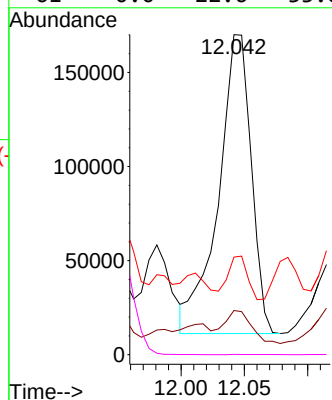


#74
N-amy1 acetate
Concen: 142.287 ug/l
RT: 12.042 min Scan# 1
Delta R.T. -0.030 min
Lab File: VY019786.D
Acq: 03 Oct 2024 14:31

Instrument :
MSVOA_Y
ClientSampleId :

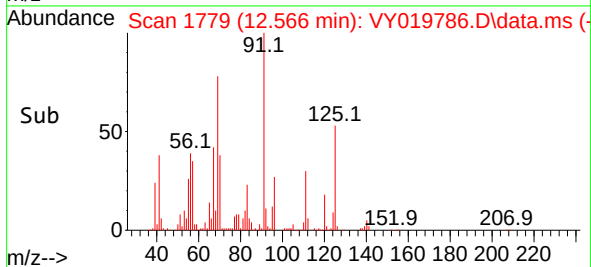
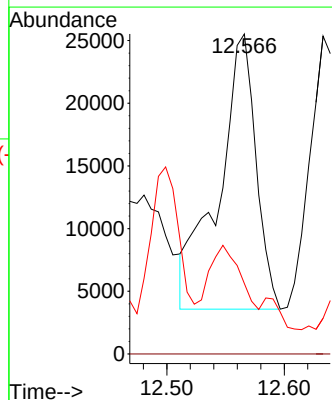
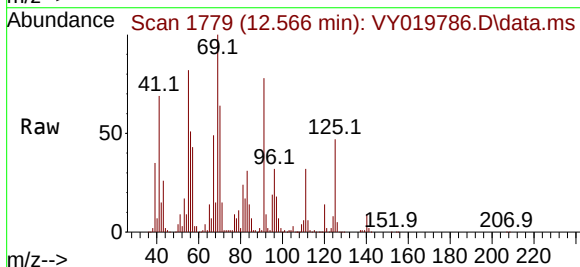


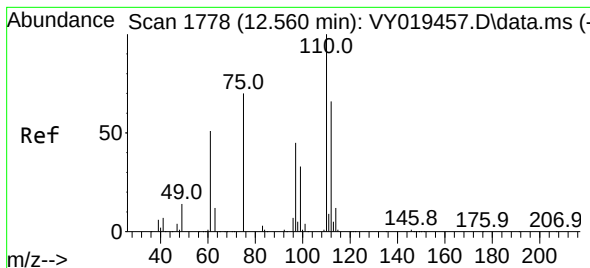
Tgt Ion: 43 Resp: 286645
Ion Ratio Lower Upper
43 100
70 9.2 41.4 62.2#
55 8.4 23.3 34.9#
61 0.0 22.6 33.8#



#75
1,1,2,2-Tetrachloroethane
Concen: 37.078 ug/l
RT: 12.566 min Scan# 1779
Delta R.T. 0.055 min
Lab File: VY019786.D
Acq: 03 Oct 2024 14:31

Tgt Ion: 83 Resp: 48750
Ion Ratio Lower Upper
83 100
131 0.0 5.0 14.9#
85 0.0 32.0 96.0#

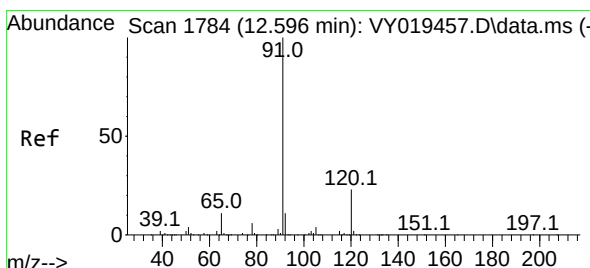
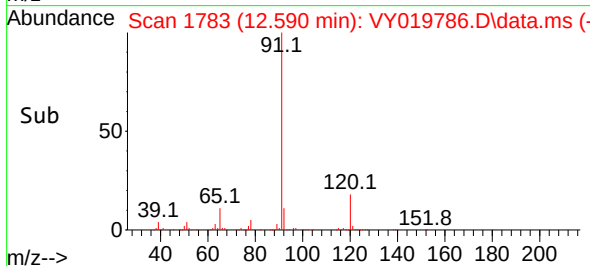
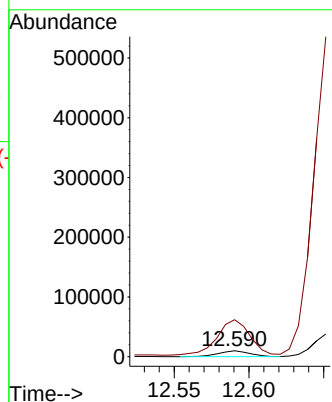
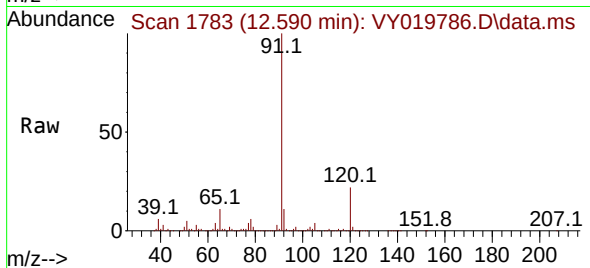




#76
1,2,3-Trichloropropane
Concen: 14.451 ug/l
RT: 12.590 min Scan# 1783
Delta R.T. 0.031 min
Lab File: VY019786.D
Acq: 03 Oct 2024 14:31

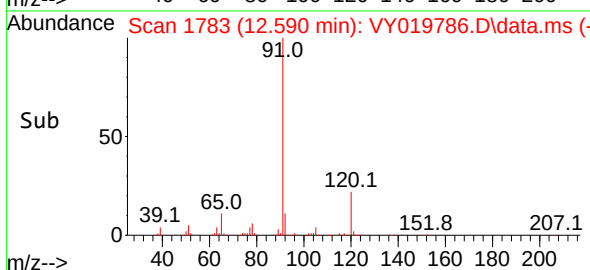
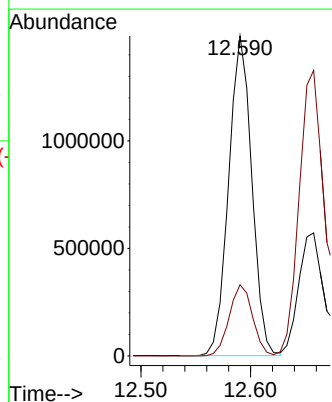
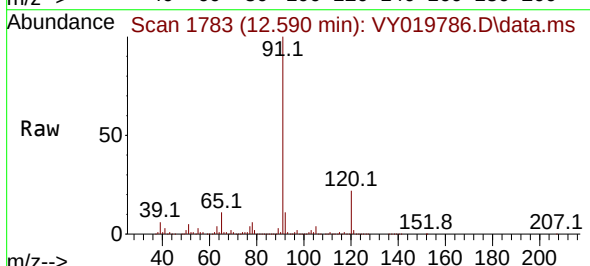
Instrument :
MSVOA_Y
ClientSampleId :

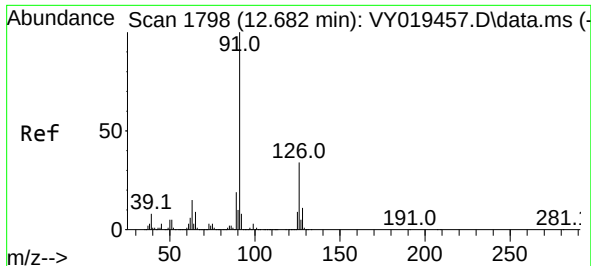
Tgt Ion: 75 Resp: 13830
Ion Ratio Lower Upper
75 100
77 651.1 0.0 0.0#



#78
n-propylbenzene
Concen: 248.211 ug/l
RT: 12.590 min Scan# 1783
Delta R.T. -0.006 min
Lab File: VY019786.D
Acq: 03 Oct 2024 14:31

Tgt Ion: 91 Resp: 2179237
Ion Ratio Lower Upper
91 100
120 22.5 11.5 34.4





#79

2-Chlorotoluene

Concen: 170.468 ug/l

RT: 12.657 min Scan# 1

Delta R.T. -0.024 min

Lab File: VY019786.D

Acq: 03 Oct 2024 14:31

Instrument :

MSVOA_Y

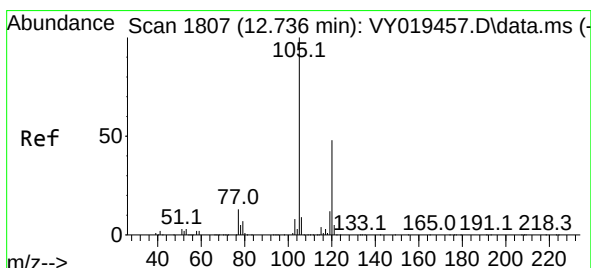
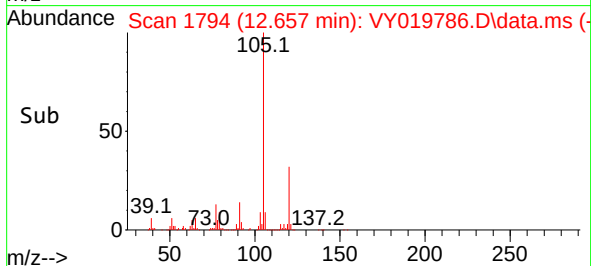
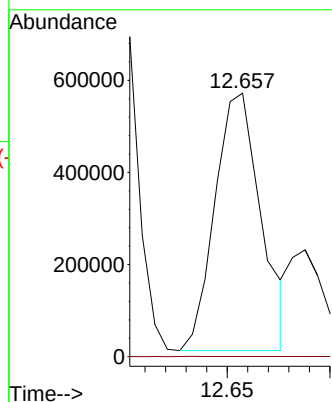
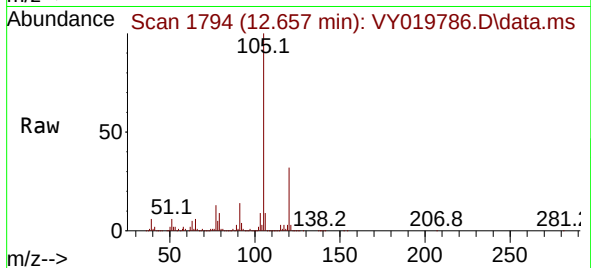
ClientSampleId :

Tgt Ion: 91 Resp: 872223

Ion Ratio Lower Upper

91 100

126 0.0 17.8 53.5#



#80

1,3,5-Trimethylbenzene

Concen: 407.043 ug/l

RT: 12.731 min Scan# 1806

Delta R.T. -0.006 min

Lab File: VY019786.D

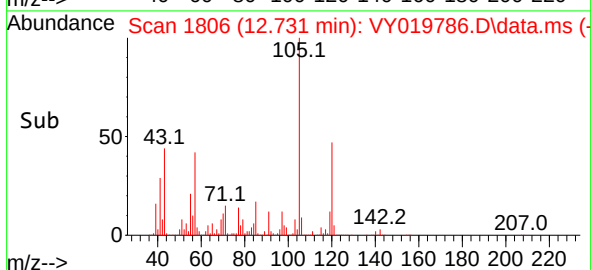
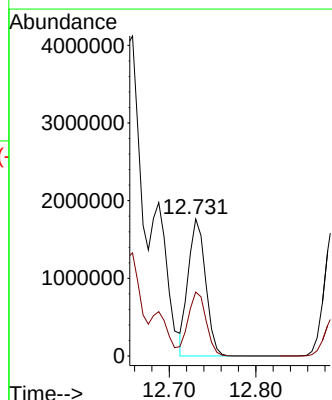
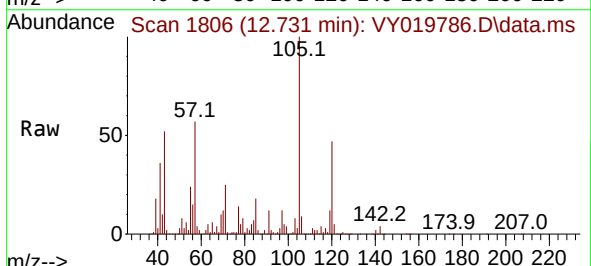
Acq: 03 Oct 2024 14:31

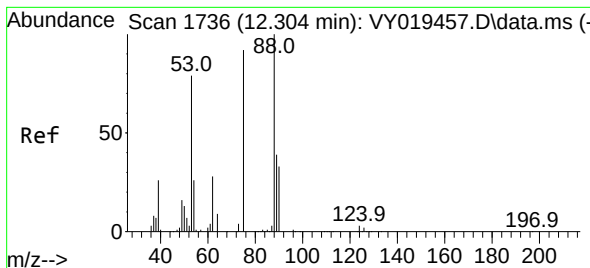
Tgt Ion:105 Resp: 2451176

Ion Ratio Lower Upper

105 100

120 49.4 25.1 75.2

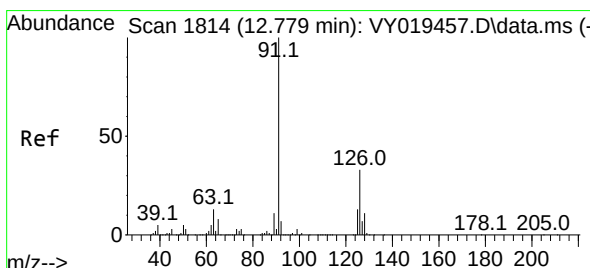
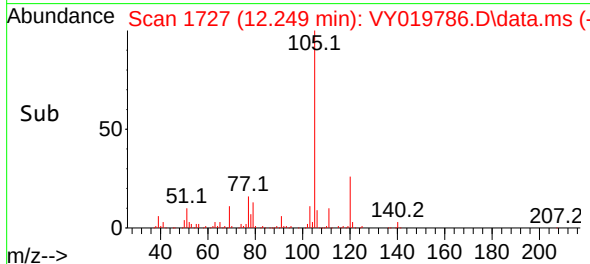
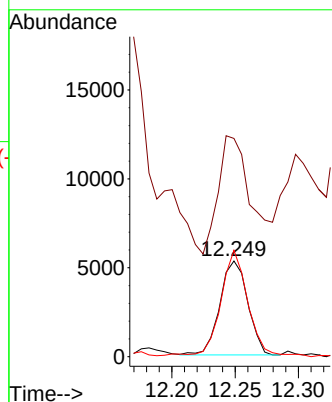
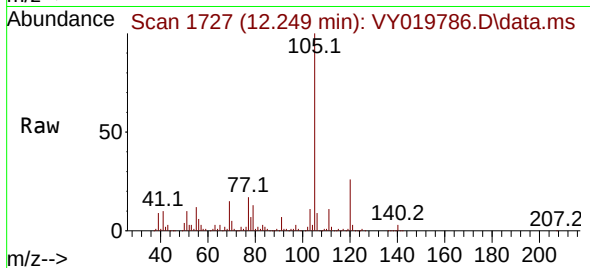




#81
trans-1,4-Dichloro-2-butene
Concen: 16.286 ug/l
RT: 12.249 min Scan# 11
Delta R.T. -0.055 min
Lab File: VY019786.D
Acq: 03 Oct 2024 14:31

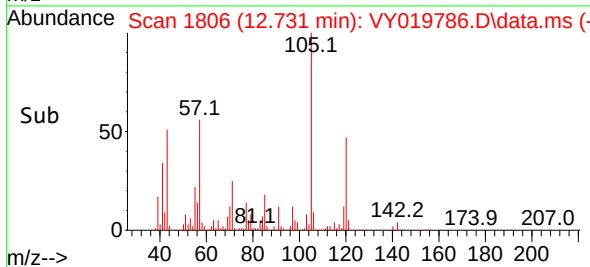
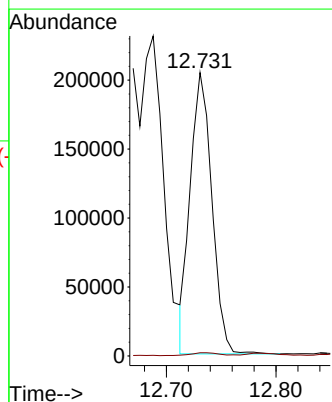
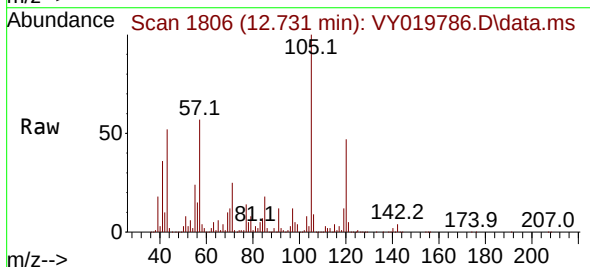
Instrument :
MSVOA_Y
ClientSampleId :

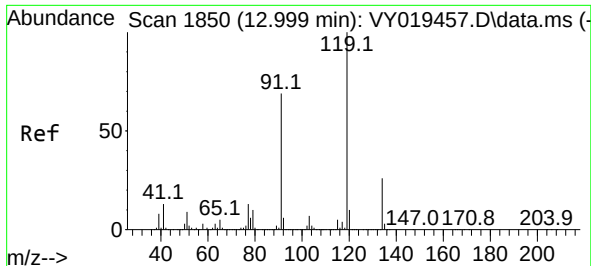
Tgt Ion: 75 Resp: 8119
Ion Ratio Lower Upper
75 100
53 146.6 66.8 100.2#
89 112.0 35.8 53.6#



#82
4-Chlorotoluene
Concen: 53.263 ug/l
RT: 12.731 min Scan# 1806
Delta R.T. -0.049 min
Lab File: VY019786.D
Acq: 03 Oct 2024 14:31

Tgt Ion: 91 Resp: 280179
Ion Ratio Lower Upper
91 100
126 1.4 17.6 52.9#

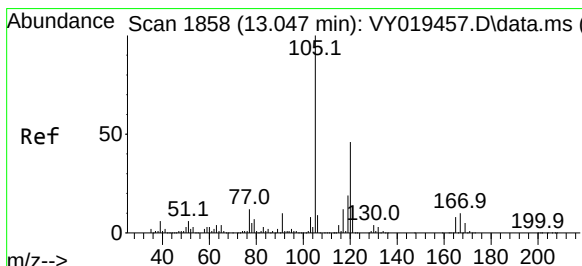
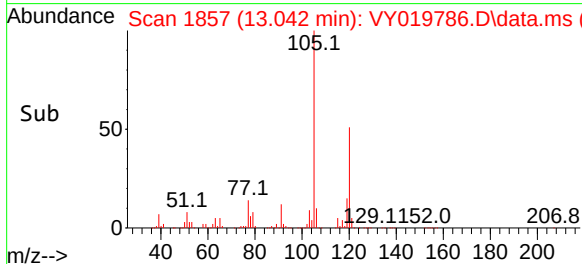
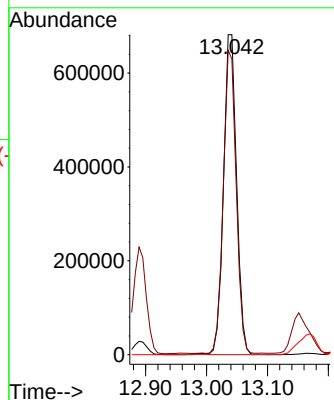
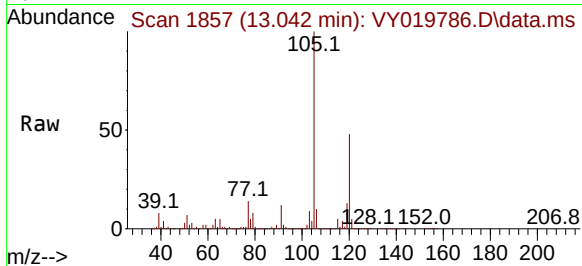




#83
 tert-Butylbenzene
 Concen: 186.832 ug/l
 RT: 13.042 min Scan# 1857
 Delta R.T. 0.043 min
 Lab File: VY019786.D
 Acq: 03 Oct 2024 14:31

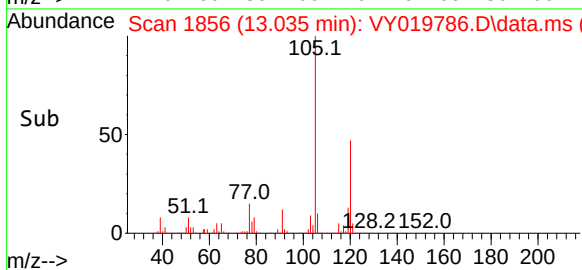
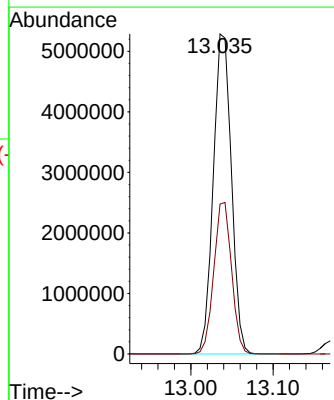
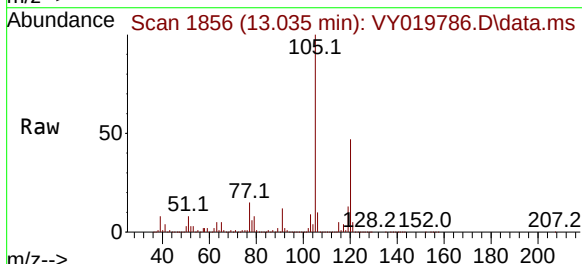
Instrument :
 MSVOA_Y
 ClientSampleId :

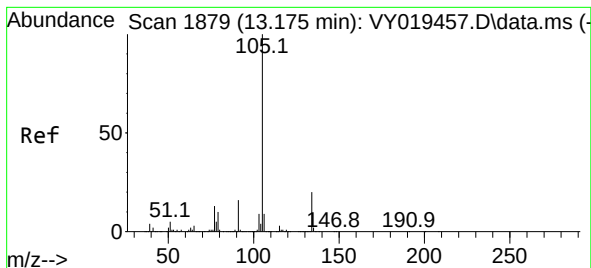
Tgt Ion:119 Resp: 1018533
 Ion Ratio Lower Upper
 119 100
 91 93.4 31.3 93.8
 134 0.0 13.4 40.1#



#84
 1,2,4-Trimethylbenzene
 Concen: 1357.979 ug/l
 RT: 13.035 min Scan# 1856
 Delta R.T. -0.012 min
 Lab File: VY019786.D
 Acq: 03 Oct 2024 14:31

Tgt Ion:105 Resp: 8094748
 Ion Ratio Lower Upper
 105 100
 120 46.4 23.2 69.6





#85

sec-Butylbenzene

Concen: 40.292 ug/l

RT: 13.170 min Scan# 1879

Delta R.T. -0.006 min

Lab File: VY019786.D

Acq: 03 Oct 2024 14:31

Instrument :

MSVOA_Y

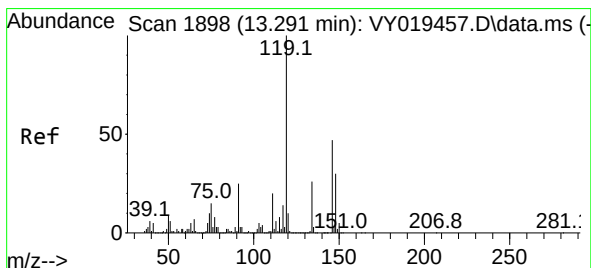
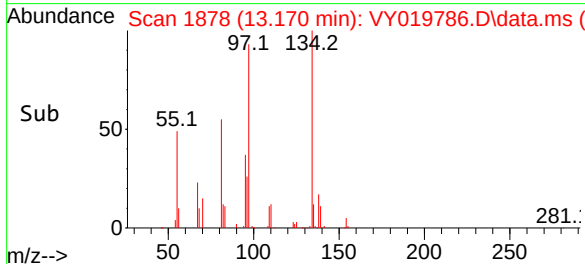
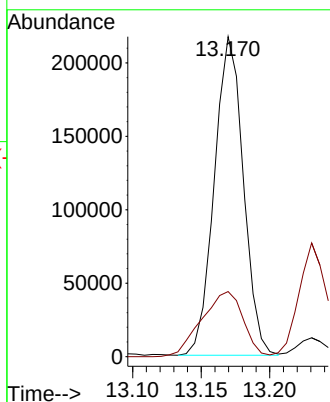
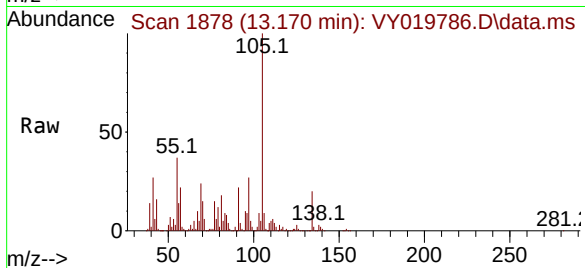
ClientSampleId :

Tgt Ion:105 Resp: 319100

Ion Ratio Lower Upper

105 100

134 29.3 10.1 30.1



#86

p-Isopropyltoluene

Concen: 27.690 ug/l

RT: 13.285 min Scan# 1897

Delta R.T. -0.006 min

Lab File: VY019786.D

Acq: 03 Oct 2024 14:31

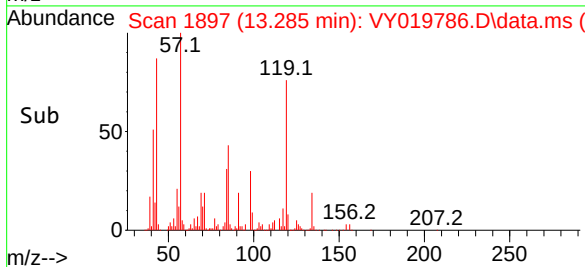
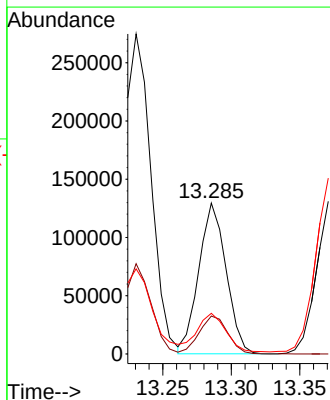
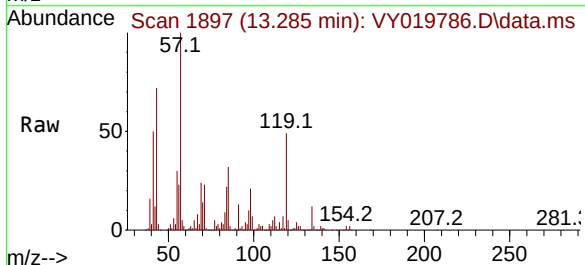
Tgt Ion:119 Resp: 179420

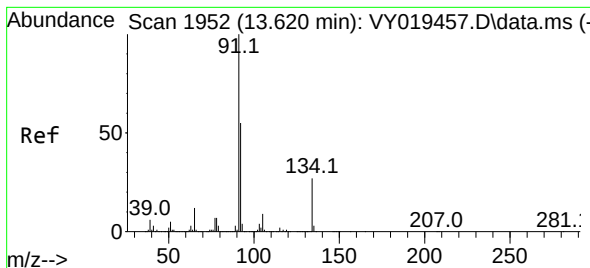
Ion Ratio Lower Upper

119 100

134 26.3 13.1 39.3

91 26.9 10.7 32.1





#89

n-Butylbenzene

Concen: 63.634 ug/l

RT: 13.608 min Scan# 1950

Delta R.T. -0.012 min

Lab File: VY019786.D

Acq: 03 Oct 2024 14:31

Instrument :

MSVOA_Y

ClientSampleId :

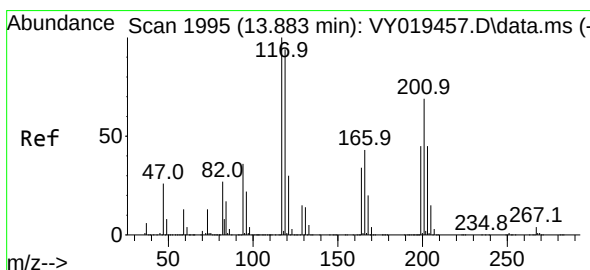
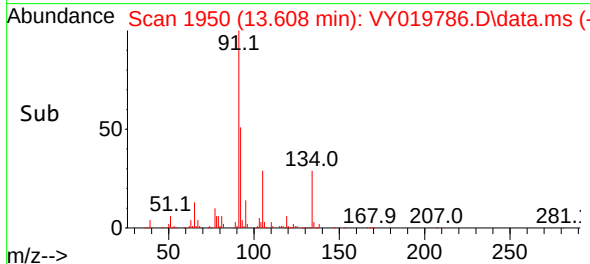
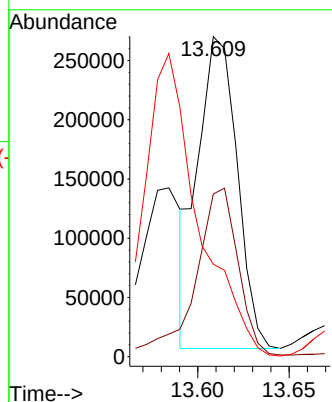
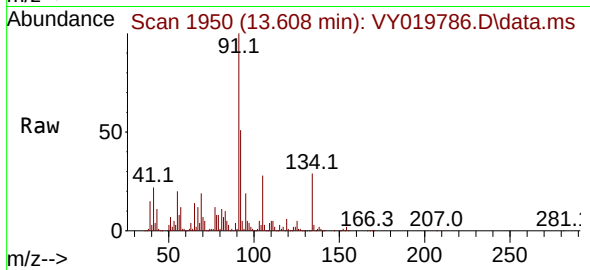
Tgt Ion: 91 Resp: 394177

Ion Ratio Lower Upper

91 100

92 57.2 26.6 79.7

134 0.0 12.9 38.7#



#90

Hexachloroethane

Concen: 58.500 ug/l

RT: 13.889 min Scan# 1996

Delta R.T. 0.006 min

Lab File: VY019786.D

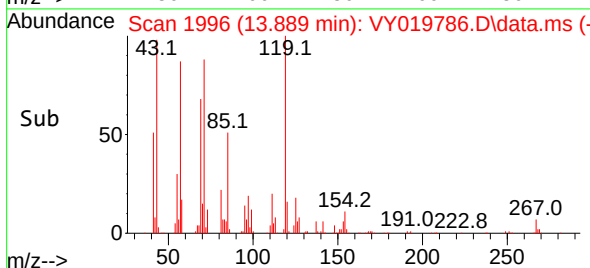
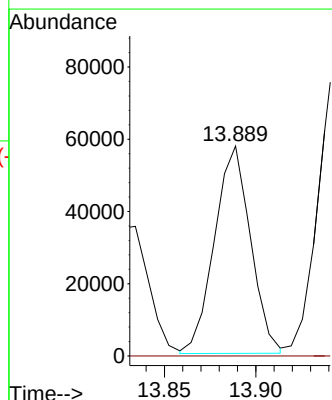
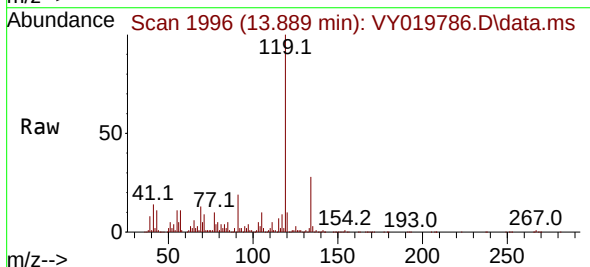
Acq: 03 Oct 2024 14:31

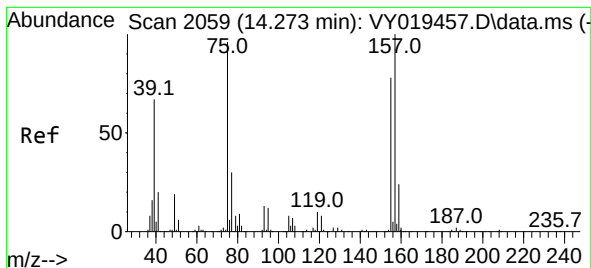
Tgt Ion: 117 Resp: 78871

Ion Ratio Lower Upper

117 100

201 0.0 37.4 112.2#

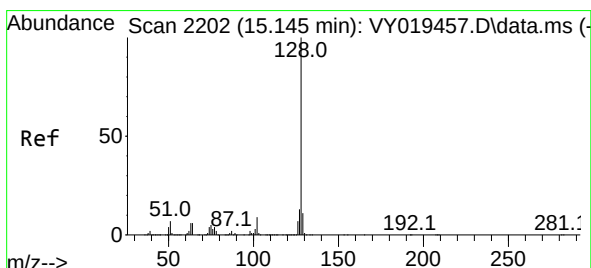
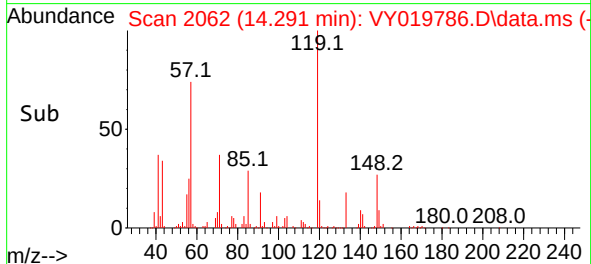
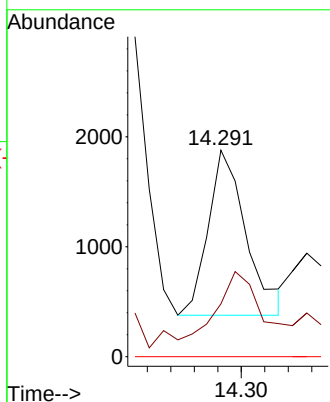
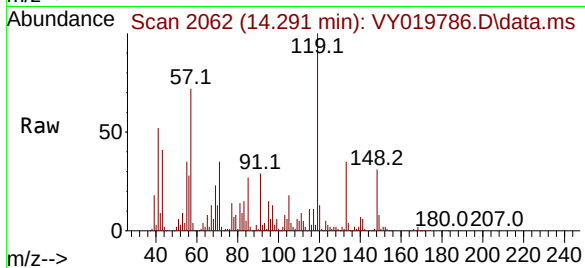




#92
1,2-Dibromo-3-Chloropropane
Concen: 7.685 ug/l
RT: 14.291 min Scan# 2059
Delta R.T. 0.019 min
Lab File: VY019786.D
Acq: 03 Oct 2024 14:31

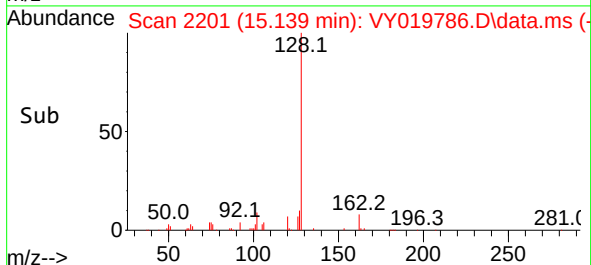
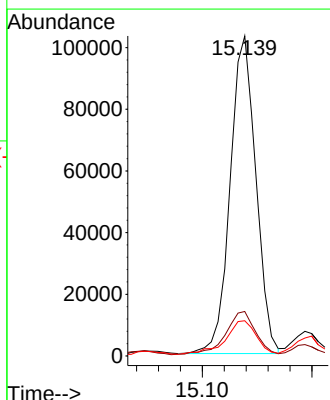
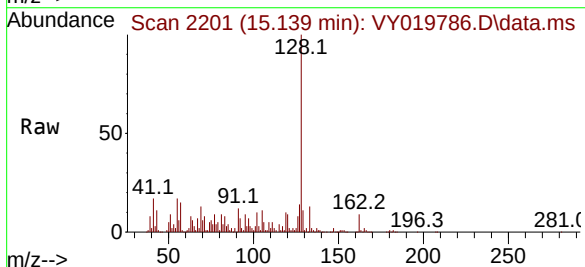
Instrument :
MSVOA_Y
ClientSampleId :

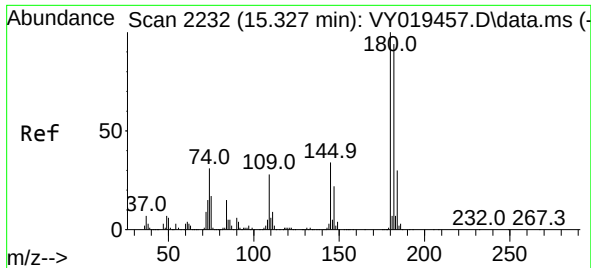
Tgt Ion: 75 Resp: 1684
Ion Ratio Lower Upper
75 100
155 45.5 48.6 145.8#
157 0.0 62.7 188.2#



#95
Naphthalene
Concen: 48.296 ug/l
RT: 15.139 min Scan# 2201
Delta R.T. -0.006 min
Lab File: VY019786.D
Acq: 03 Oct 2024 14:31

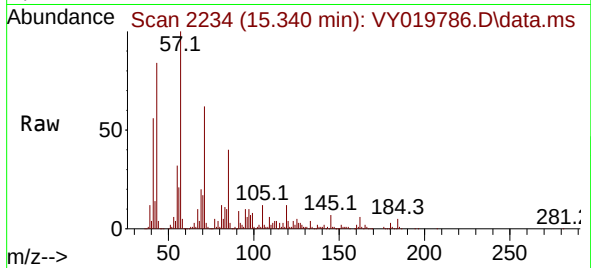
Tgt Ion: 128 Resp: 167571
Ion Ratio Lower Upper
128 100
127 15.7 10.6 16.0
129 12.5 8.6 13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 1.666 ug/l
 RT: 15.340 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: VY019786.D
 Acq: 03 Oct 2024 14:31

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion:180 Resp: 2469
 Ion Ratio Lower Upper
 180 100
 182 0.0 47.6 142.9#
 145 781.3 15.4 46.1#

