

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY091319\
 Data File : VY000040.D
 Acq On : 13 Sep 2019 14:33
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.00ml/MSVOA Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 13 16:23:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y091219S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 13 14:09:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.79	168	124208	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	240297	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	204506	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	90657	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	68979	51.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.10%	
35) Dibromofluoromethane	7.71	113	69512	50.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.84%	
50) Toluene-d8	10.18	98	288584	51.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.98%	
62) 4-Bromofluorobenzene	12.48	95	98721	48.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	41118	44.891	ug/l	94
3) Chloromethane	2.11	50	55536	37.274	ug/l	95
4) Vinyl Chloride	2.25	62	65411	47.094	ug/l	98
5) Bromomethane	2.64	94	42650	48.310	ug/l	93
6) Chloroethane	2.78	64	43154	46.669	ug/l	99
7) Trichlorofluoromethane	3.12	101	88062	48.793	ug/l	92
8) Diethyl Ether	3.53	74	37615	50.715	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.89	101	60648	49.380	ug/l	99
10) Methyl Iodide	4.09	142	65216	48.558	ug/l	99
11) Tert butyl alcohol	4.96	59	38243	224.821	ug/l	99
12) 1,1-Dichloroethene	3.87	96	56186	49.086	ug/l	96
13) Acrolein	3.73	56	24340	190.733	ug/l	97
14) Allyl chloride	4.48	41	86697	48.782	ug/l	99
15) Acrylonitrile	5.17	53	114541	243.394	ug/l	98
16) Acetone	3.95	43	80688	217.482	ug/l	89
17) Carbon Disulfide	4.18	76	103465	44.886	ug/l	97
18) Methyl Acetate	4.47	43	48553	46.510	ug/l	97
19) Methyl tert-butyl Ether	5.21	73	178409	51.460	ug/l	97
20) Methylene Chloride	4.71	84	69220	46.803	ug/l	96
21) trans-1,2-Dichloroethene	5.21	96	62548	49.350	ug/l	94
22) Diisopropyl ether	6.12	45	195327	49.786	ug/l	97
23) Vinyl Acetate	6.06	43	664812	244.946	ug/l	97
24) 1,1-Dichloroethane	6.01	63	116463	50.093	ug/l	97
25) 2-Butanone	6.99	43	136578	226.496	ug/l	93
26) 2,2-Dichloropropane	6.98	77	102835	47.612	ug/l	99
27) cis-1,2-Dichloroethene	6.98	96	79124	49.481	ug/l	98
28) Bromochloromethane	7.33	49	54909	51.426	ug/l	97
29) Tetrahydrofuran	7.35	42	83805	233.630	ug/l	98
30) Chloroform	7.50	83	121706	50.763	ug/l	98
31) Cyclohexane	7.78	56	86580	44.682	ug/l	92
32) 1,1,1-Trichloroethane	7.70	97	98497	50.081	ug/l	98
36) 1,1-Dichloropropene	7.92	75	83413	47.278	ug/l	99
37) Ethyl Acetate	7.07	43	56042	47.105	ug/l	99
38) Carbon Tetrachloride	7.90	117	79186	47.549	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.18	83	100324	46.025	ug/l	93
40) Benzene	8.16	78	276477	48.133	ug/l	98
41) Methacrylonitrile	7.31	41	27052	39.082	ug/l #	83
42) 1,2-Dichloroethane	8.24	62	71622	48.791	ug/l	99
43) Isopropyl Acetate	8.28	43	108034	46.860	ug/l	99
44) Trichloroethene	8.94	130	69681	48.585	ug/l	97
45) 1,2-Dichloropropane	9.21	63	71774	48.459	ug/l	94
46) Dibromomethane	9.31	93	38542	46.888	ug/l	99
47) Bromodichloromethane	9.49	83	95125	48.478	ug/l	99
48) Methyl methacrylate	9.29	41	47449	46.640	ug/l	98
49) 1,4-Dioxane	9.29	88	15583	905.220	ug/l	89
51) 4-Methyl-2-Pentanone	10.07	43	299786	232.059	ug/l	99
52) Toluene	10.24	92	175677	48.672	ug/l	98
53) t-1,3-Dichloropropene	10.46	75	100836	48.876	ug/l	98
54) cis-1,3-Dichloropropene	9.93	75	117612	48.992	ug/l	95
55) 1,1,2-Trichloroethane	10.64	97	62611	48.065	ug/l	95
56) Ethyl methacrylate	10.51	69	88937	48.649	ug/l	97
57) 1,3-Dichloropropane	10.79	76	101711	48.824	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	238999	238.666	ug/l	100
59) 2-Hexanone	10.83	43	212845	228.633	ug/l	98
60) Dibromochloromethane	10.98	129	67557	49.220	ug/l	98
61) 1,2-Dibromoethane	11.09	107	56209	48.855	ug/l	99
64) Tetrachloroethene	10.71	164	59832	47.709	ug/l	90
65) Chlorobenzene	11.51	112	193744	49.718	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.59	131	66632	49.349	ug/l	98
67) Ethyl Benzene	11.59	91	343866	48.573	ug/l	96
68) m/p-Xylenes	11.70	106	262802	98.375	ug/l	100
69) o-Xylene	12.02	106	126462	48.300	ug/l	100
70) Styrene	12.04	104	227133	49.869	ug/l	99
71) Bromoform	12.21	173	39572	48.539	ug/l #	96
73) Isopropylbenzene	12.32	105	339744	49.047	ug/l	99
74) N-amyl acetate	12.14	43	97673	47.768	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	79556	48.036	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	103112	81.888	ug/l #	100
77) Bromobenzene	12.60	156	70783	48.307	ug/l	97
78) n-propylbenzene	12.67	91	415596	49.095	ug/l	100
79) 2-Chlorotoluene	12.76	91	233408	49.309	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	280918	48.570	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.38	75	30409	47.902	ug/l	96
82) 4-Chlorotoluene	12.85	91	238701	48.048	ug/l	100
83) tert-Butylbenzene	13.07	119	239776	48.249	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	283381	49.601	ug/l	100
85) sec-Butylbenzene	13.25	105	359214	48.979	ug/l	98
86) p-Isopropyltoluene	13.37	119	304115	48.881	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	141259	47.900	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	142913	48.157	ug/l	98
89) n-Butylbenzene	13.69	91	310326	49.222	ug/l	100
90) Hexachloroethane	13.96	117	61913	49.798	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	134282	48.929	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	13565	42.123	ug/l	98

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Quant Title : SW846 8260
QLast Update : Fri Sep 13 14:09:27 2019
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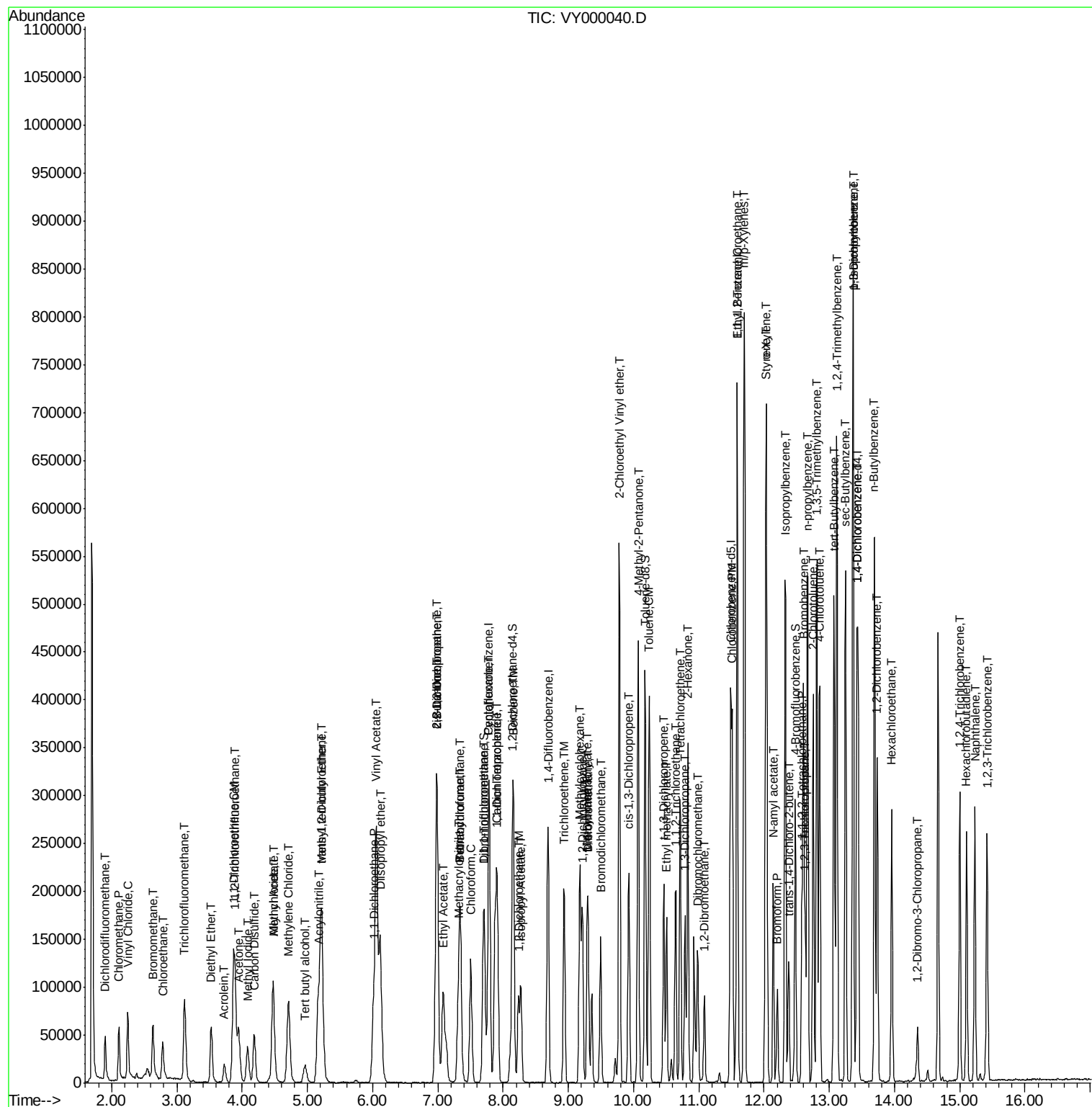
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	84263	48.116	ug/l	99
94) Hexachlorobutadiene	15.11	225	39850	49.613	ug/l	99
95) Naphthalene	15.23	128	229335	47.868	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	75779	48.203	ug/l	97

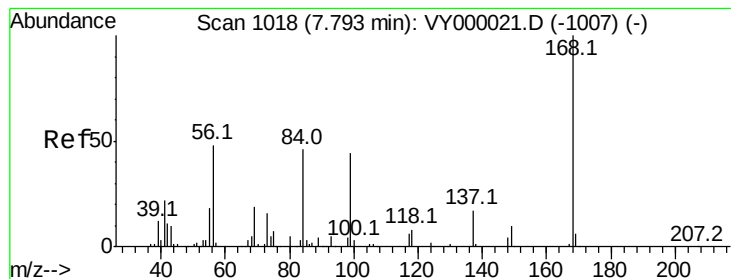
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.79 min Scan# 1017

Delta R.T. -0.01 min

Lab File: VY000040.D

Acq: 13 Sep 2019 14:33

Instrument :

MSVOA_Y

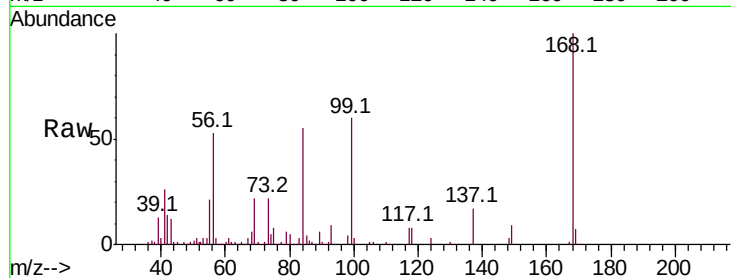
ClientSampleId :

Tot Ion:168 Resp: 124208

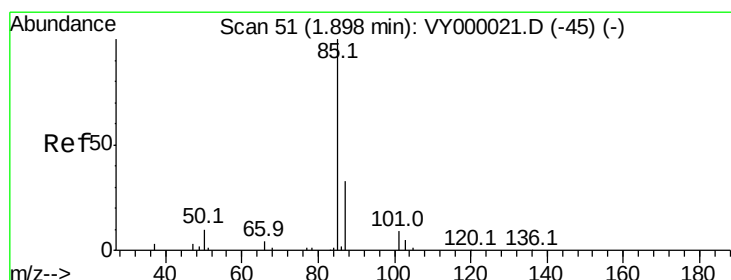
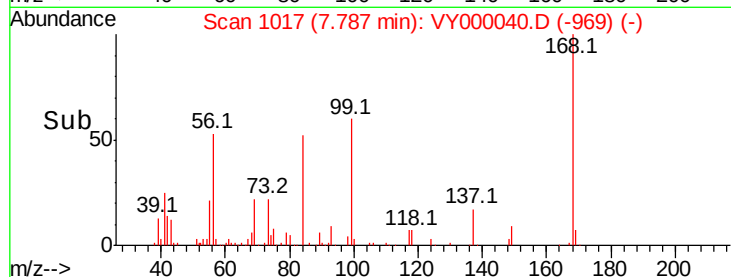
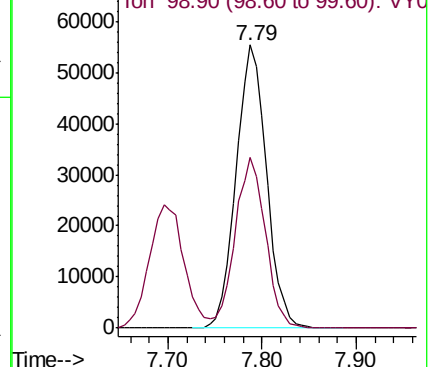
Ion Ratio Lower Upper

168 100

99 60.3 46.3 69.5



Abundance Ion 167.90 (167.60 to 168.60): VY000040.D (-1007) (-)



#2

Dichlorodifluoromethane

Concen: 44.891 ug/l

RT: 1.90 min Scan# 51

Delta R.T. -0.00 min

Lab File: VY000040.D

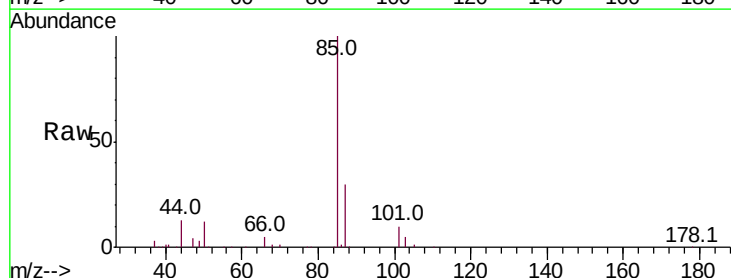
Acq: 13 Sep 2019 14:33

Tgt Ion: 85 Resp: 41118

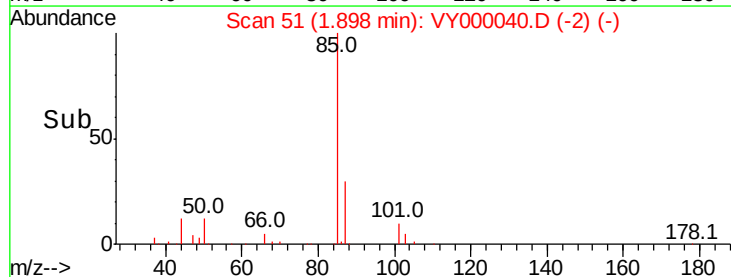
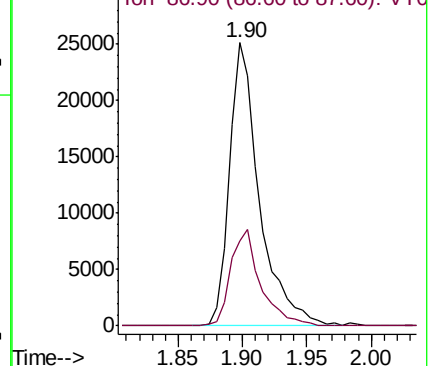
Ion Ratio Lower Upper

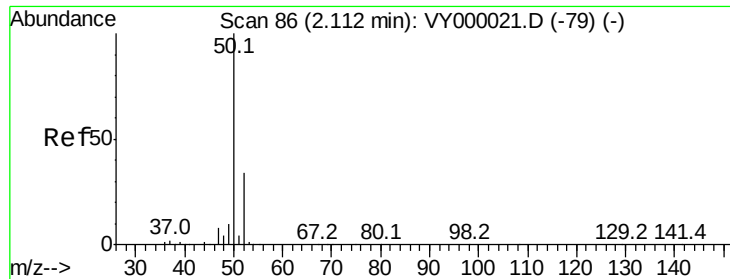
85 100

87 29.9 16.6 49.7



Abundance Ion 84.90 (84.60 to 85.60): VY000040.D (-45) (-)





#3

Chloromethane

Concen: 37.274 ug/l

RT: 2.11 min Scan# 86

Delta R.T. 0.00 min

Lab File: VY000040.D

Acq: 13 Sep 2019 14:33

Instrument :

MSVOA_Y

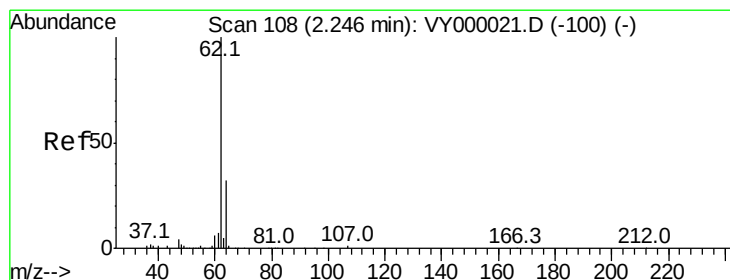
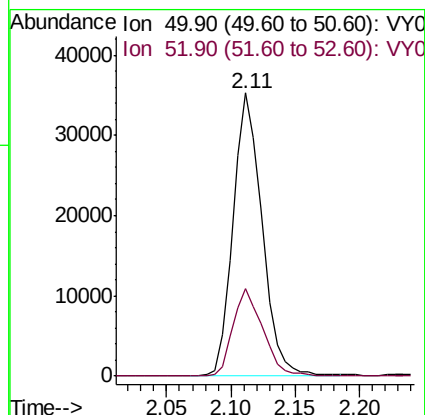
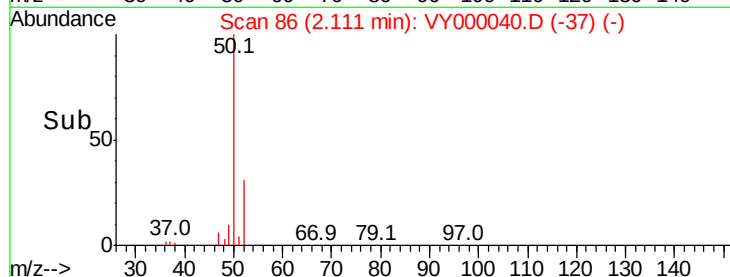
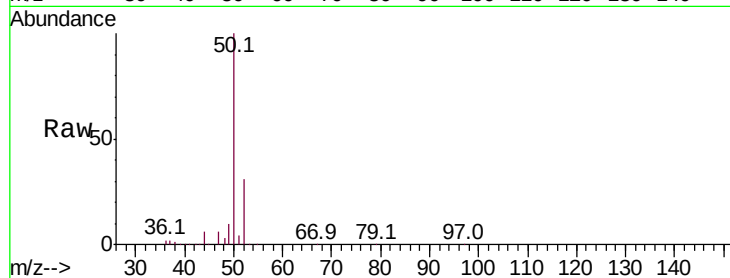
ClientSampleId :

Tot Ion: 50 Resp: 55536

Ion Ratio Lower Upper

50 100

52 31.1 27.0 40.6



#4

Vinyl Chloride

Concen: 47.094 ug/l

RT: 2.25 min Scan# 108

Delta R.T. -0.00 min

Lab File: VY000040.D

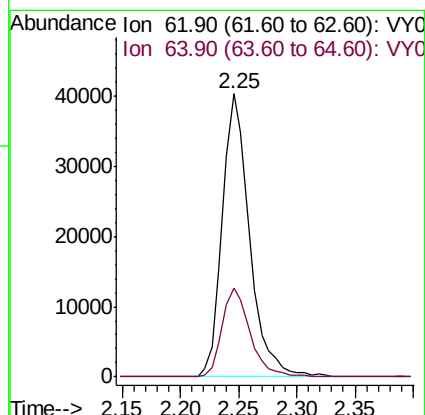
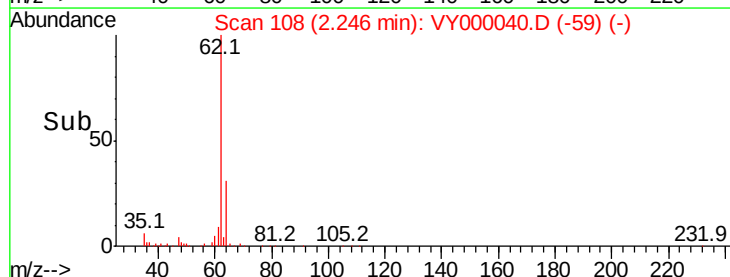
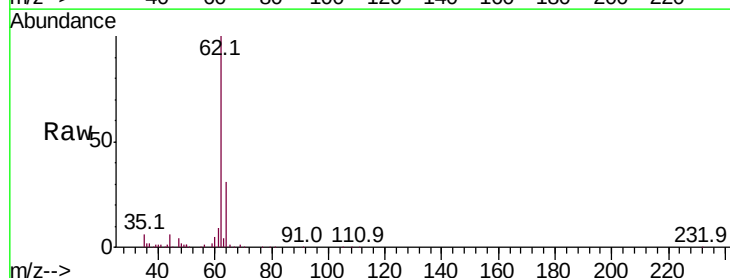
Acq: 13 Sep 2019 14:33

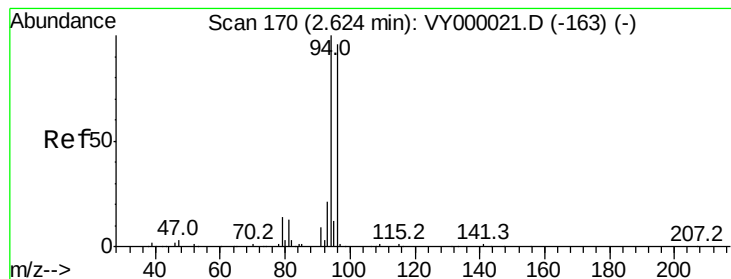
Tgt Ion: 62 Resp: 65411

Ion Ratio Lower Upper

62 100

64 31.4 26.1 39.1





#5

Bromomethane

Concen: 48.310 ug/l

RT: 2.64 min Scan# 172

Delta R.T. 0.01 min

Lab File: VY000040.D

Acq: 13 Sep 2019 14:33

Instrument :

MSVOA_Y

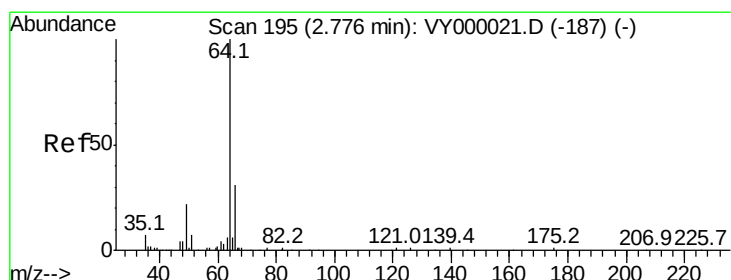
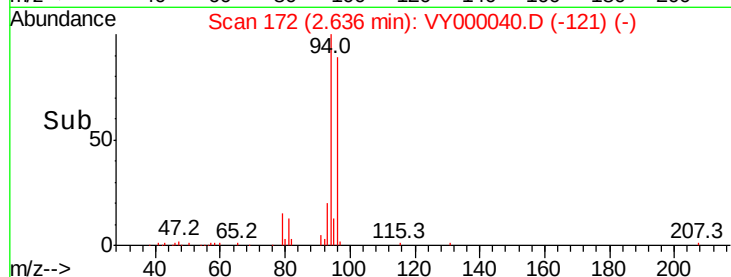
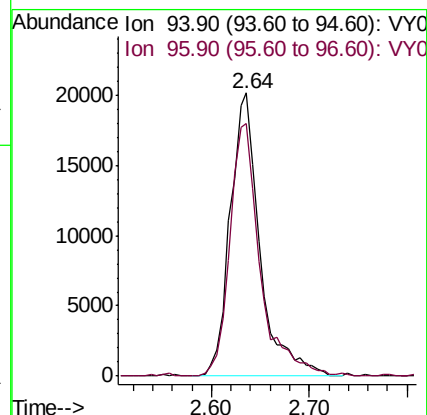
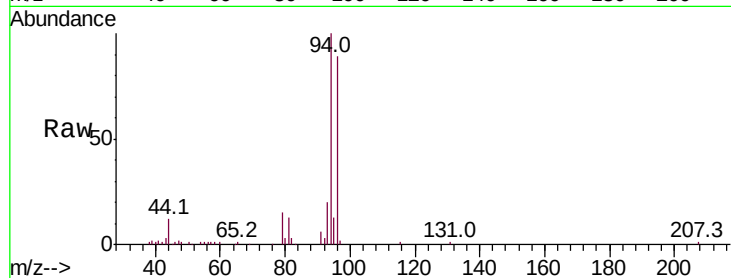
ClientSampleId :

Tot Ion: 94 Resp: 42650

Ion Ratio Lower Upper

94 100

96 89.3 76.8 115.2



#6

Chloroethane

Concen: 46.669 ug/l

RT: 2.78 min Scan# 196

Delta R.T. 0.01 min

Lab File: VY000040.D

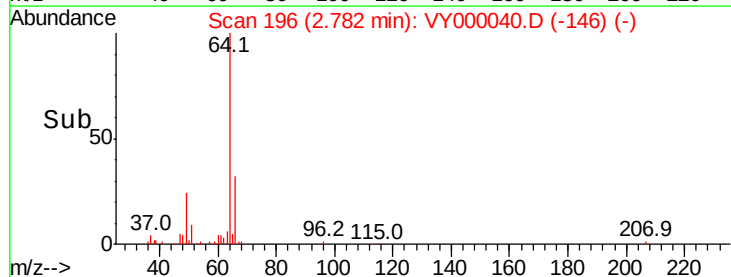
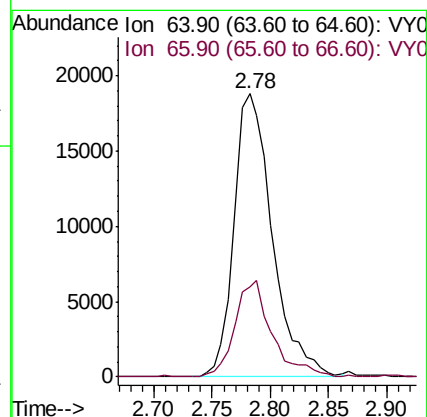
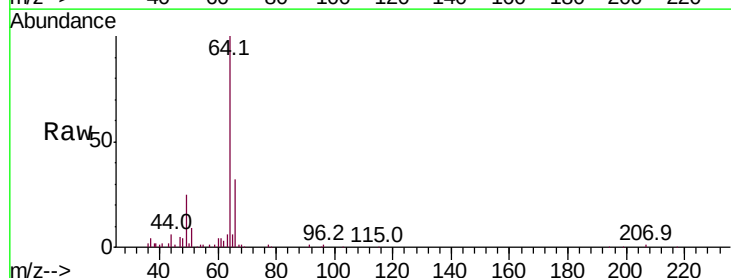
Acq: 13 Sep 2019 14:33

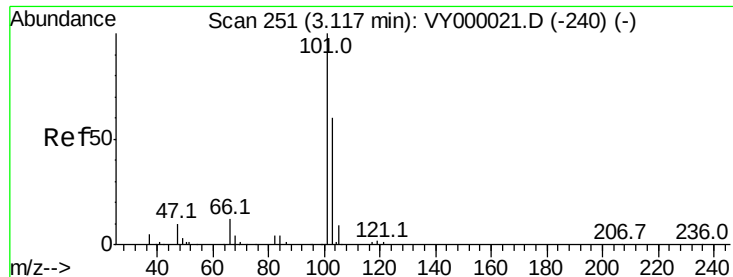
Tgt Ion: 64 Resp: 43154

Ion Ratio Lower Upper

64 100

66 31.9 25.0 37.6



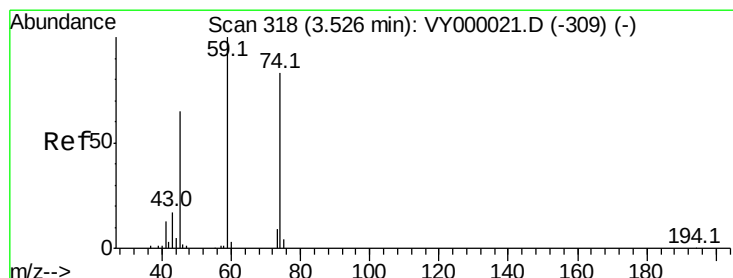
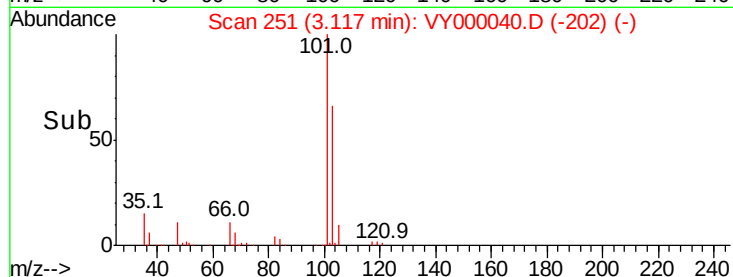
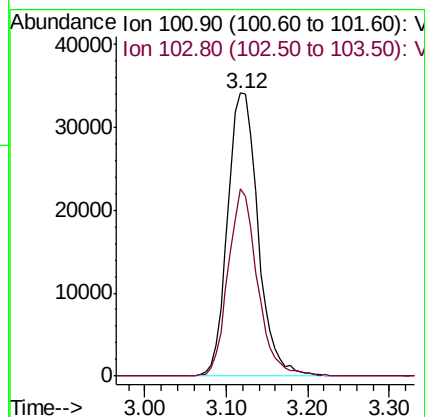
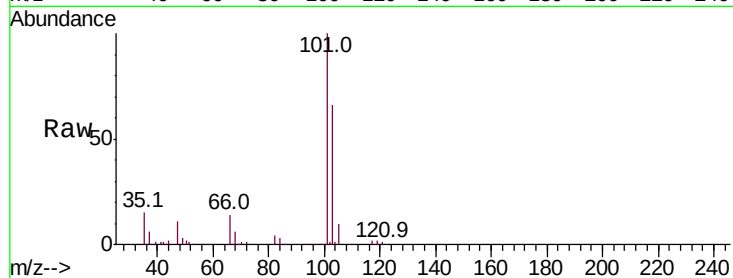


#7

Trichlorofluoromethane
 Concen: 48.793 ug/l
 RT: 3.12 min Scan# 251
 Delta R.T. -0.00 min
 Lab File: VY000040.D
 Acq: 13 Sep 2019 14:33

Instrument :
 MSVOA_Y
 ClientSampleId :

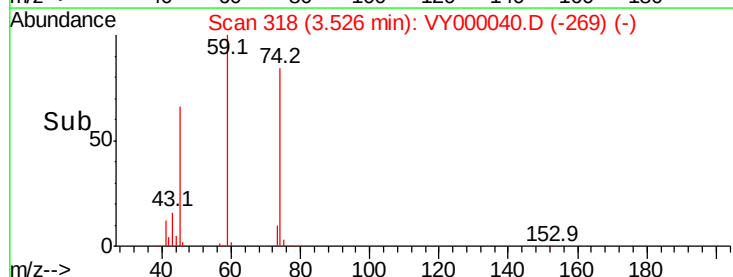
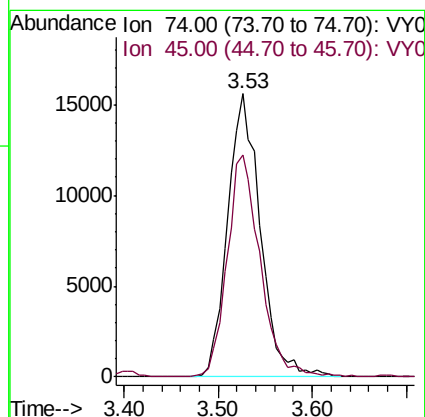
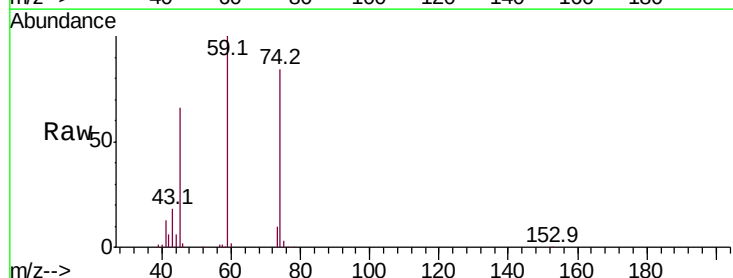
Tot Ion:101 Resp: 88062
 Ion Ratio Lower Upper
 101 100
 103 66.0 48.1 72.1

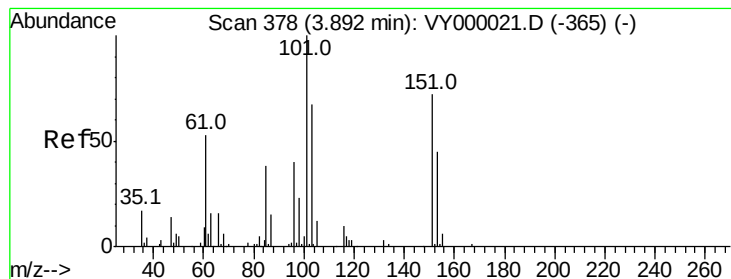


#8

Diethyl Ether
 Concen: 50.715 ug/l
 RT: 3.53 min Scan# 318
 Delta R.T. -0.00 min
 Lab File: VY000040.D
 Acq: 13 Sep 2019 14:33

Tgt Ion: 74 Resp: 37615
 Ion Ratio Lower Upper
 74 100
 45 79.1 41.9 125.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.380 ug/l

RT: 3.89 min Scan# 378

Delta R.T. -0.00 min

Lab File: VY000040.D

Acq: 13 Sep 2019 14:33

Instrument :

MSVOA_Y

ClientSampled :

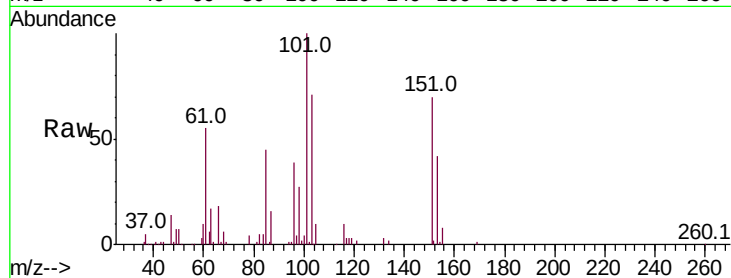
Tot Ion:101 Resp: 60648

Ion Ratio Lower Upper

101 100

85 44.9 35.3 52.9

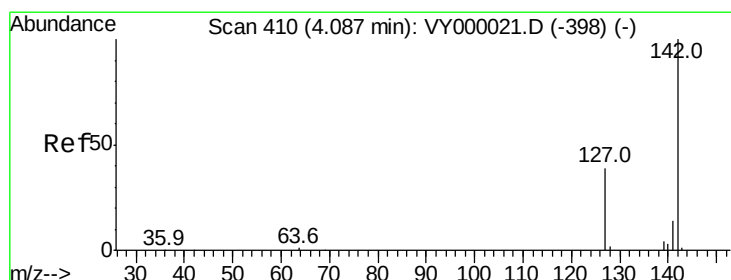
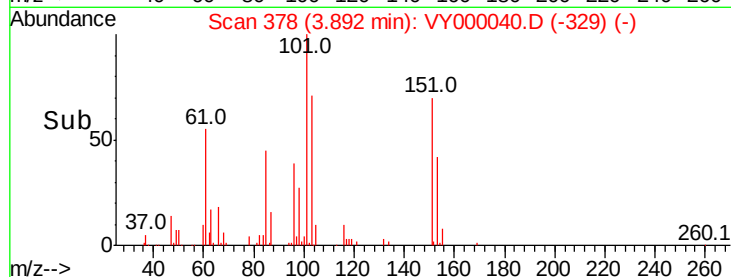
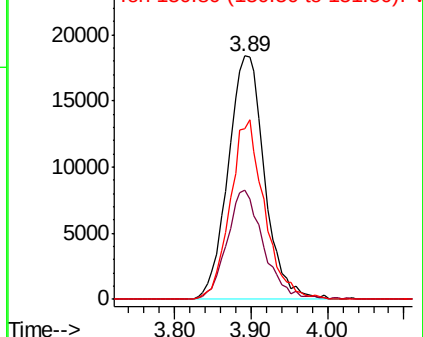
151 69.5 55.9 83.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VY0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 48.558 ug/l

RT: 4.09 min Scan# 410

Delta R.T. -0.00 min

Lab File: VY000040.D

Acq: 13 Sep 2019 14:33

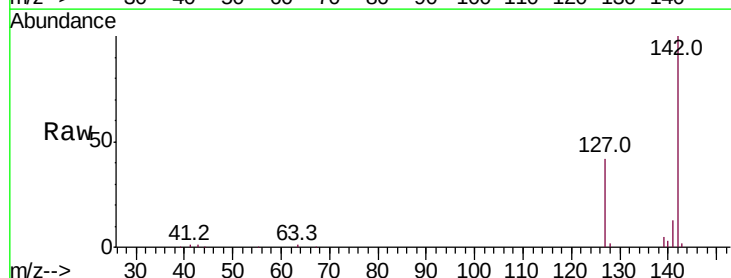
Tgt Ion:142 Resp: 65216

Ion Ratio Lower Upper

142 100

127 39.9 31.4 47.2

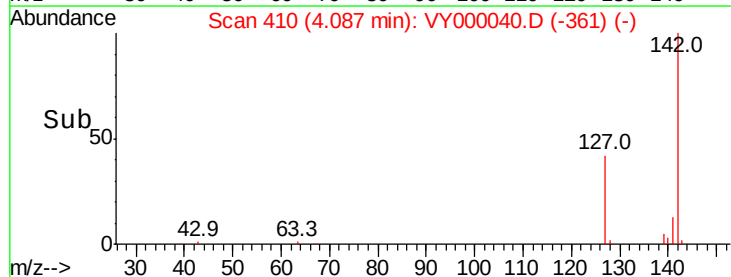
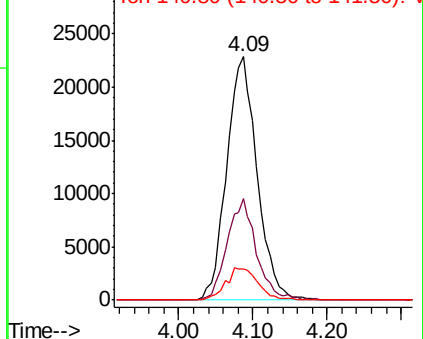
141 13.9 10.6 16.0

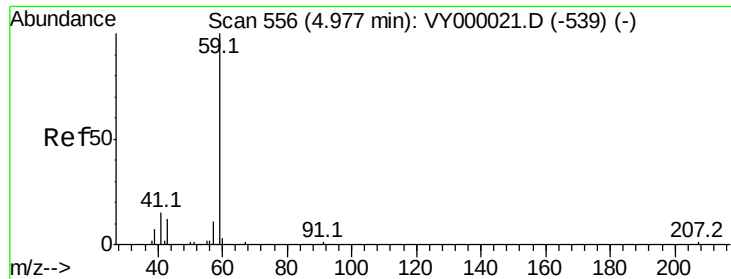


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

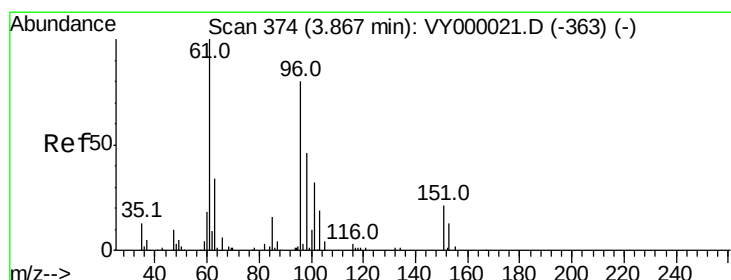
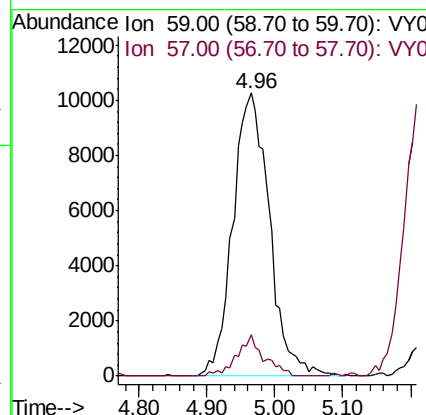
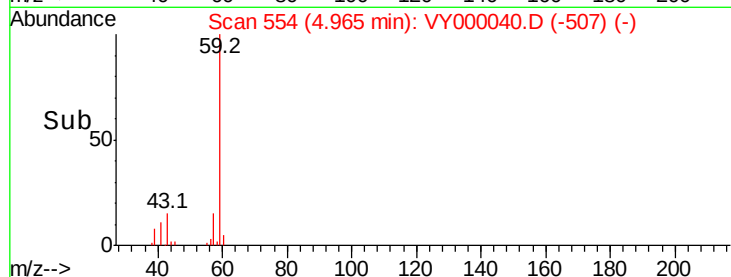
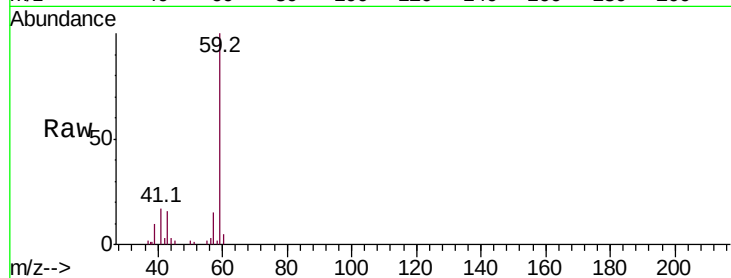




#11
Tert butyl alcohol
Concen: 224.821 ug/l
RT: 4.96 min Scan# 554
Delta R.T. -0.01 min
Lab File: VY000040.D
Acq: 13 Sep 2019 14:33

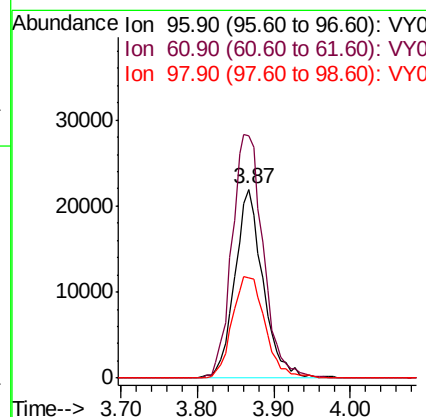
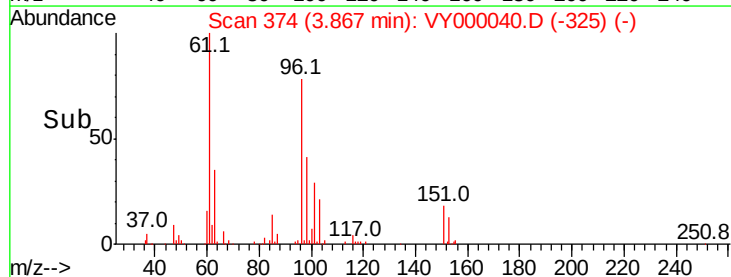
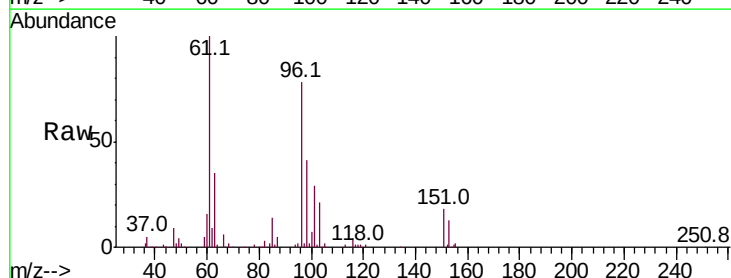
Instrument :
MSVOA_Y
ClientSampleId :

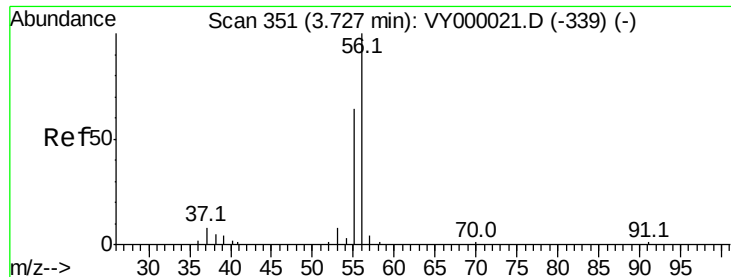
Tot Ion: 59 Resp: 38243
Ion Ratio Lower Upper
59 100
57 10.7 8.3 12.5



#12
1,1-Dichloroethene
Concen: 49.086 ug/l
RT: 3.87 min Scan# 374
Delta R.T. -0.00 min
Lab File: VY000040.D
Acq: 13 Sep 2019 14:33

Tgt Ion: 96 Resp: 56186
Ion Ratio Lower Upper
96 100
61 128.4 99.8 149.6
98 53.2 46.3 69.5





#13

Acrolein

Concen: 190.733 ug/l

RT: 3.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VY000040.D

Acq: 13 Sep 2019 14:33

Instrument :

MSVOA_Y

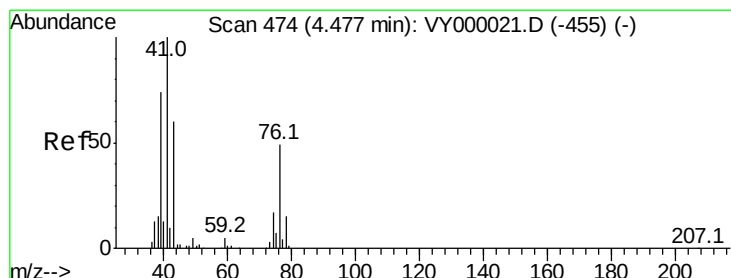
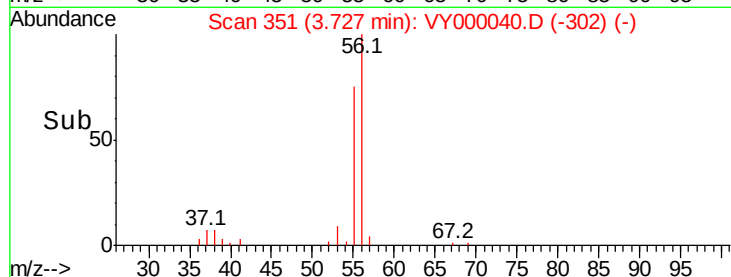
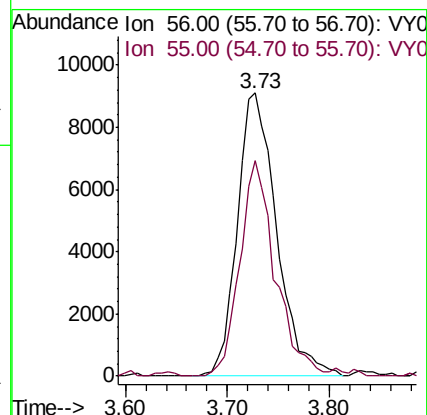
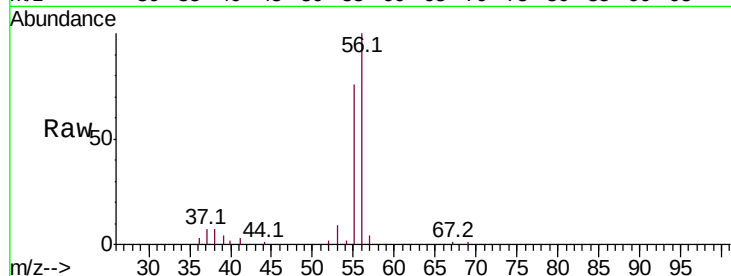
ClientSampled :

Tot Ion: 56 Resp: 24340

Ion Ratio Lower Upper

56 100

55 68.6 56.7 85.1



#14

Allyl chloride

Concen: 48.782 ug/l

RT: 4.48 min Scan# 474

Delta R.T. -0.00 min

Lab File: VY000040.D

Acq: 13 Sep 2019 14:33

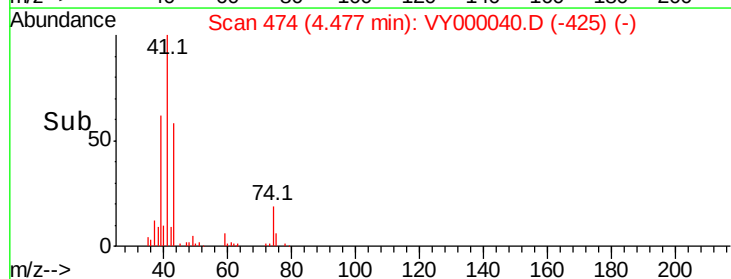
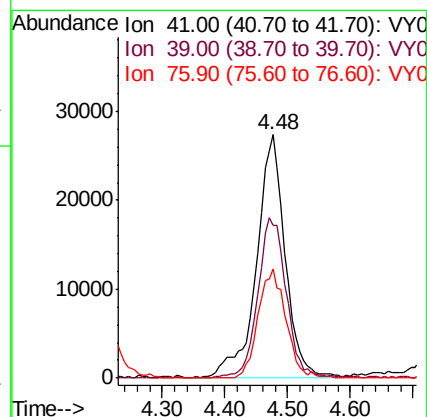
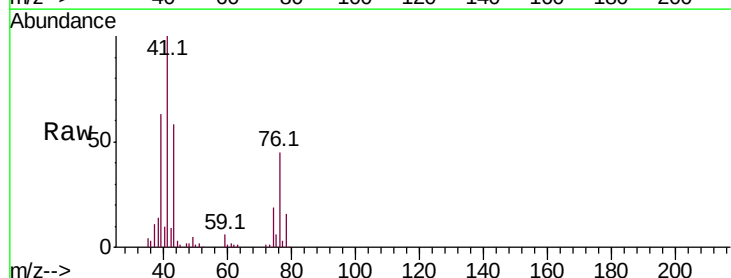
Tgt Ion: 41 Resp: 86697

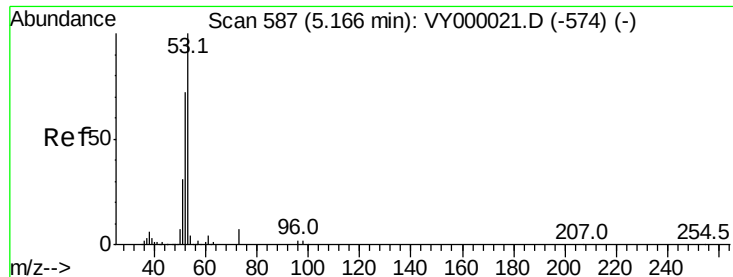
Ion Ratio Lower Upper

41 100

39 65.5 53.1 79.7

76 42.9 34.9 52.3





#15

Acrylonitrile

Concen: 243.394 ug/l

RT: 5.17 min Scan# 587

Delta R.T. -0.00 min

Lab File: VY000040.D

Acq: 13 Sep 2019 14:33

Instrument :

MSVOA_Y

ClientSampleId :

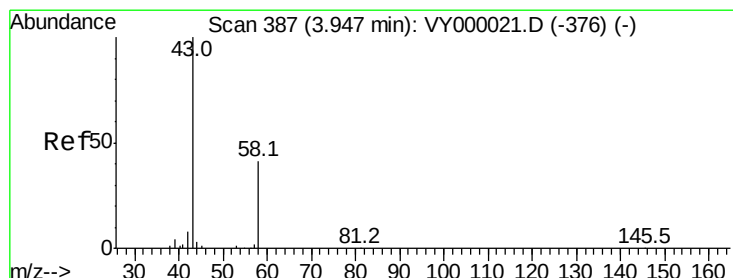
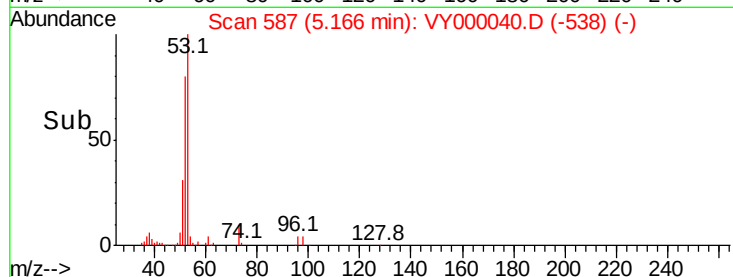
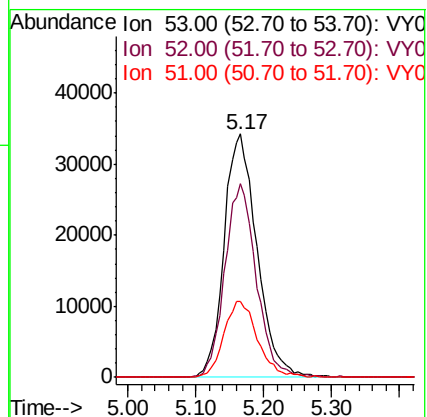
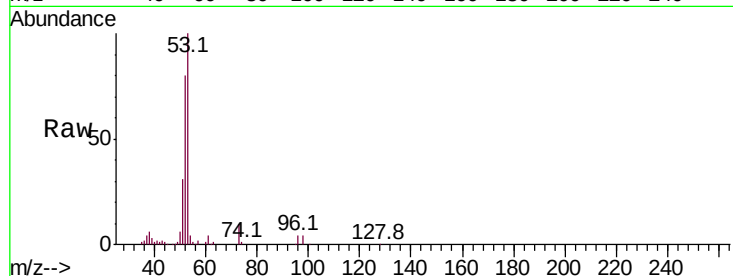
Tot Ion: 53 Resp: 114541

Ion Ratio Lower Upper

53 100

52 76.3 62.8 94.2

51 32.2 26.6 40.0



#16

Acetone

Concen: 217.482 ug/l

RT: 3.95 min Scan# 387

Delta R.T. -0.00 min

Lab File: VY000040.D

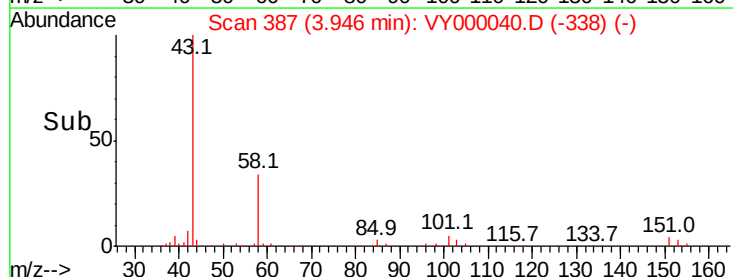
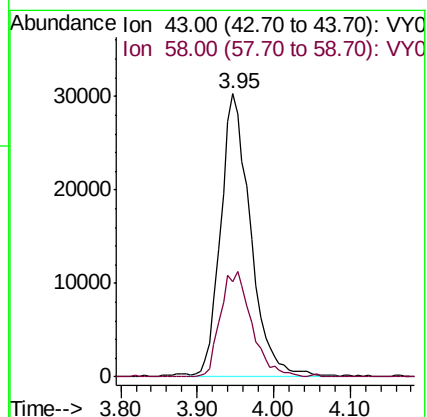
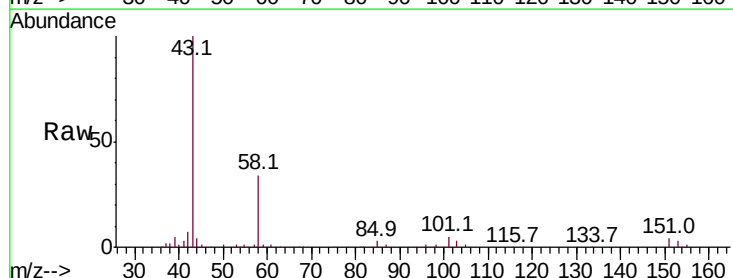
Acq: 13 Sep 2019 14:33

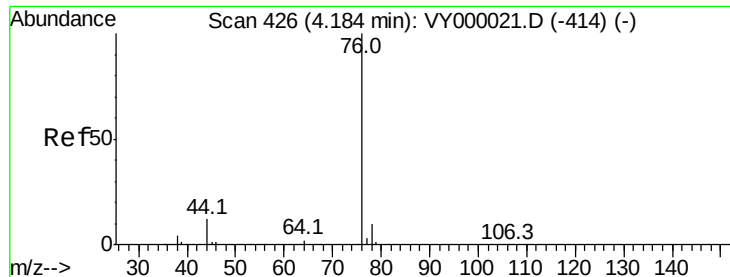
Tgt Ion: 43 Resp: 80688

Ion Ratio Lower Upper

43 100

58 33.7 32.5 48.7





#17

Carbon Disulfide

Concen: 44.886 ug/l

RT: 4.18 min Scan# 426

Delta R.T. 0.00 min

Lab File: VY000040.D

Acq: 13 Sep 2019 14:33

Instrument :

MSVOA_Y

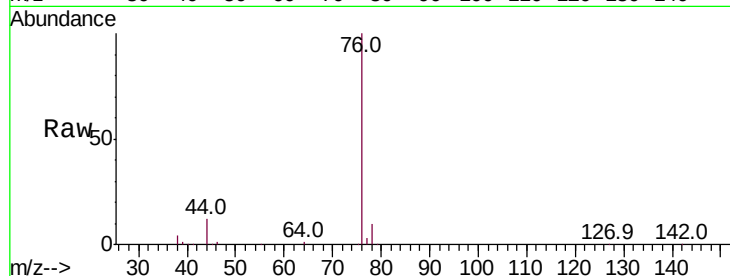
ClientSampled :

Tot Ion: 76 Resp: 103465

Ion Ratio Lower Upper

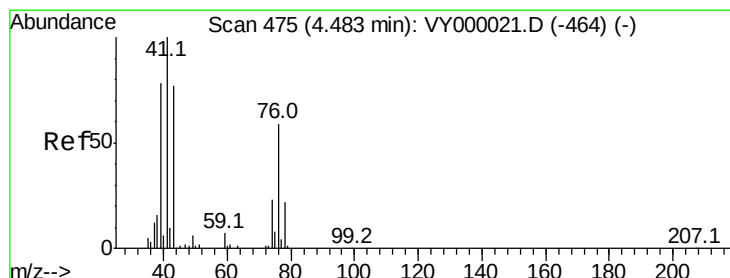
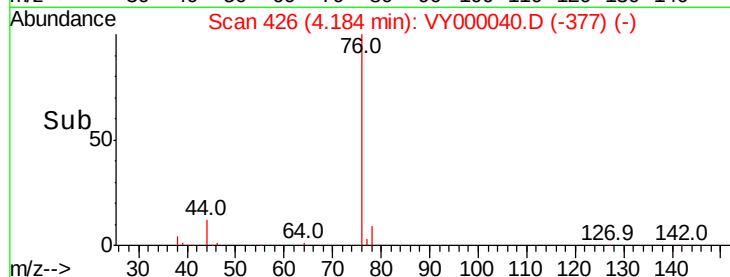
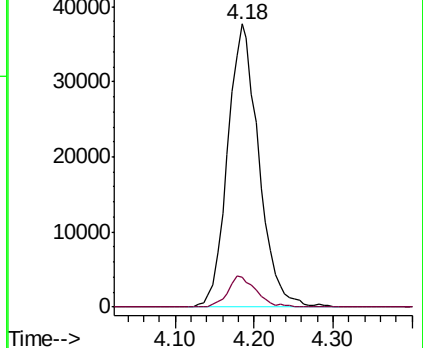
76 100

78 10.4 7.6 11.4



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 46.510 ug/l

RT: 4.47 min Scan# 473

Delta R.T. -0.01 min

Lab File: VY000040.D

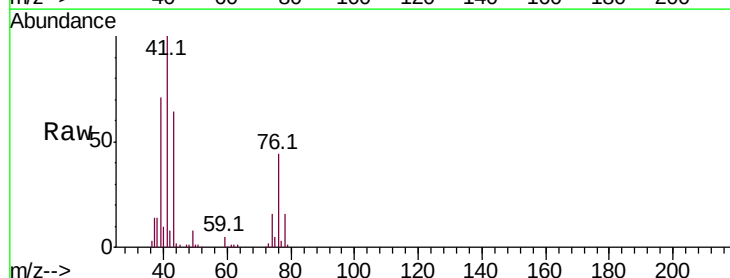
Acq: 13 Sep 2019 14:33

Tgt Ion: 43 Resp: 48553

Ion Ratio Lower Upper

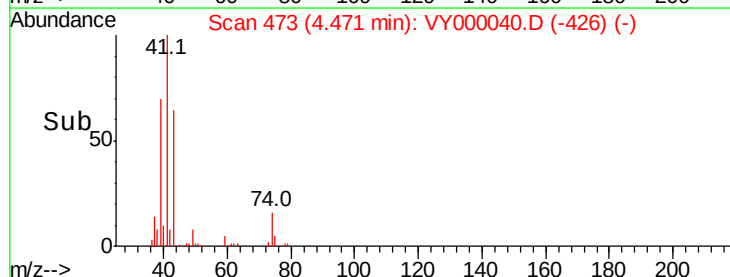
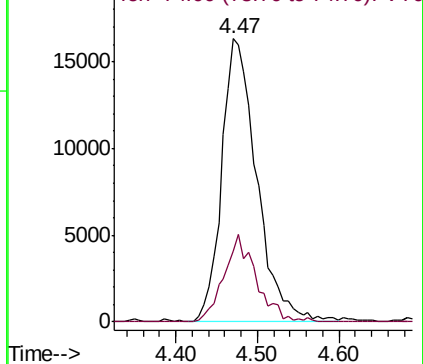
43 100

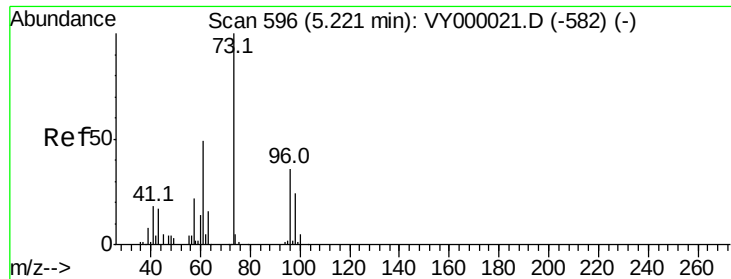
74 28.1 21.4 32.0



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0





#19

Methyl tert-butyl Ether

Concen: 51.460 ug/l

RT: 5.21 min Scan# 595

Delta R.T. -0.01 min

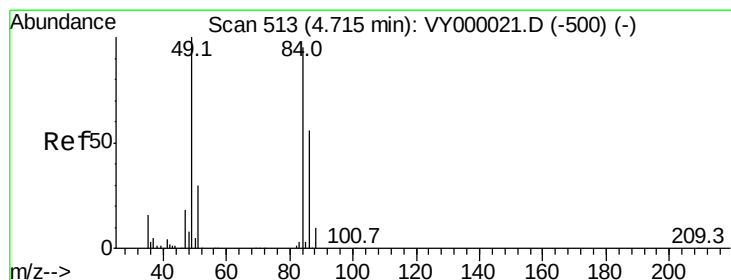
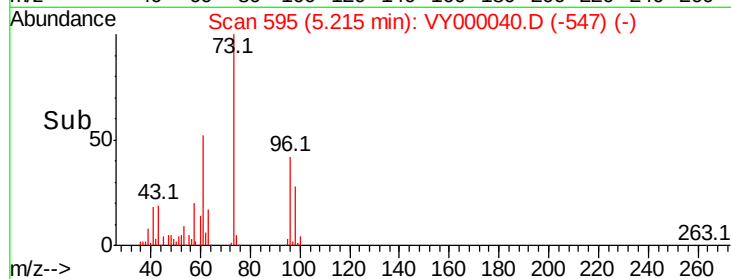
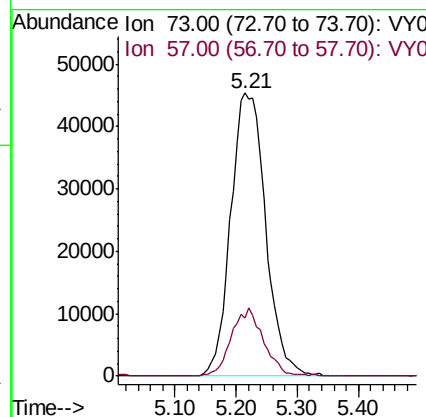
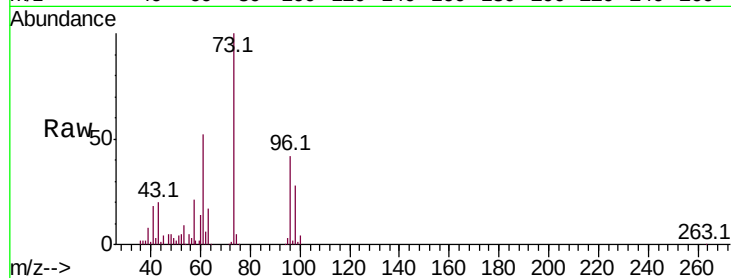
Lab File: VY000040.D

Acq: 13 Sep 2019 14:33

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 73 Resp: 178409

Ion	Ratio	Lower	Upper
73	100		
57	20.6	17.8	26.8



#20

Methylene Chloride

Concen: 46.803 ug/l

RT: 4.71 min Scan# 513

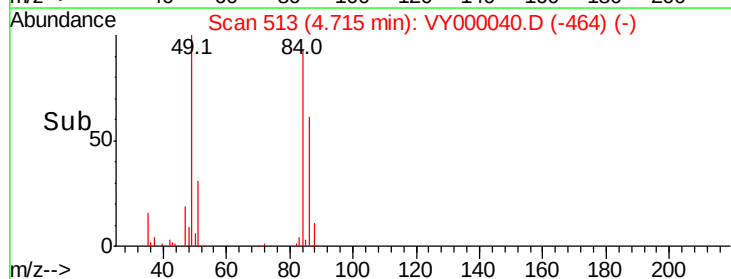
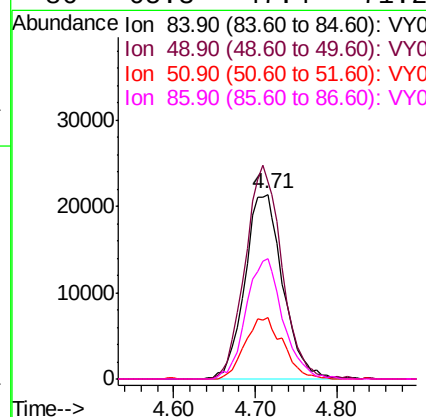
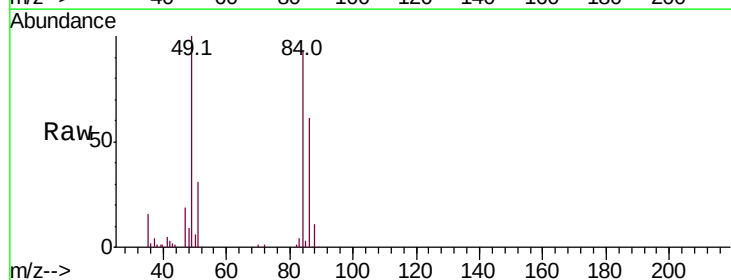
Delta R.T. 0.00 min

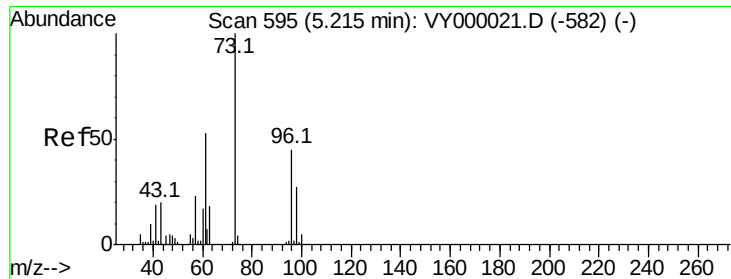
Lab File: VY000040.D

Acq: 13 Sep 2019 14:33

Tgt Ion: 84 Resp: 69220

Ion	Ratio	Lower	Upper
84	100		
49	107.1	84.4	126.6
51	33.2	25.4	38.0
86	65.3	47.4	71.2





#21

trans-1,2-Dichloroethene

Concen: 49.350 ug/l

RT: 5.21 min Scan# 595

Delta R.T. -0.00 min

Lab File: VY000040.D

Acq: 13 Sep 2019 14:33

Instrument :

MSVOA_Y

ClientSampleId :

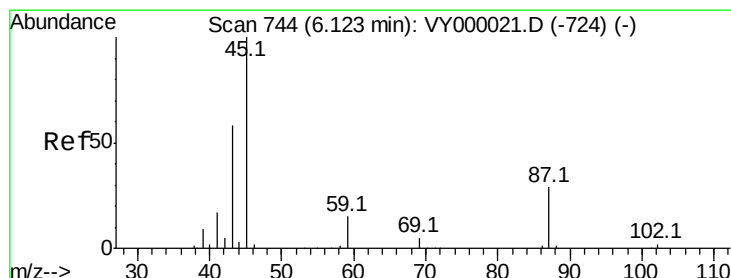
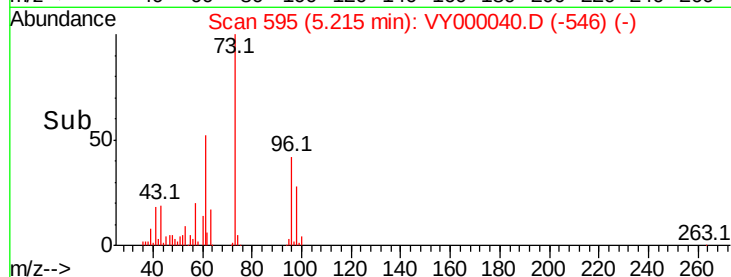
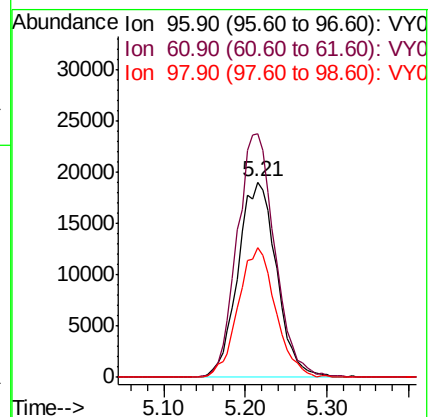
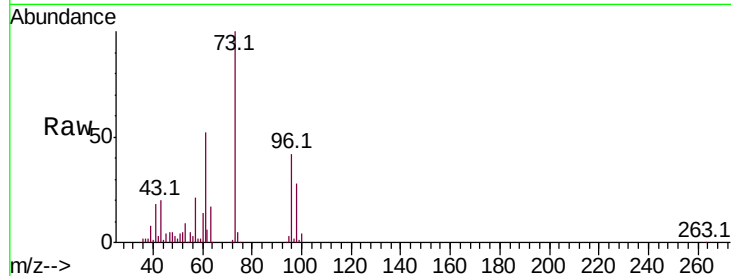
Tot Ion: 96 Resp: 62548

Ion Ratio Lower Upper

96 100

61 124.5 95.3 142.9

98 66.1 48.7 73.1



#22

Diisopropyl ether

Concen: 49.786 ug/l

RT: 6.12 min Scan# 743

Delta R.T. -0.01 min

Lab File: VY000040.D

Acq: 13 Sep 2019 14:33

Tgt Ion: 45 Resp: 195327

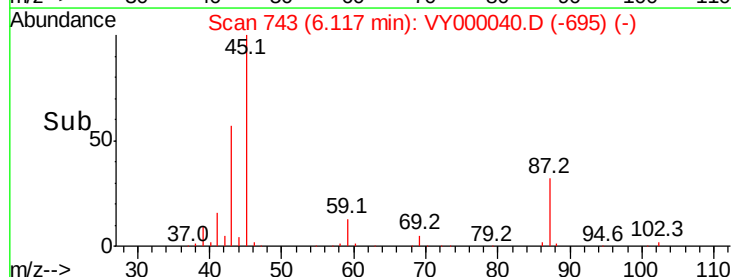
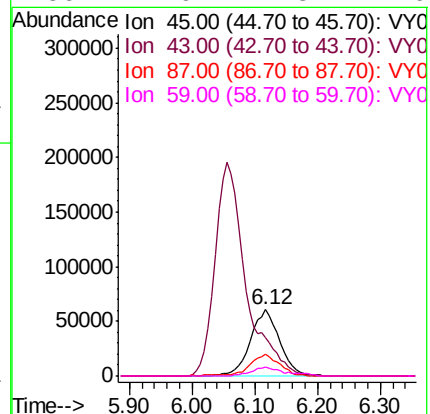
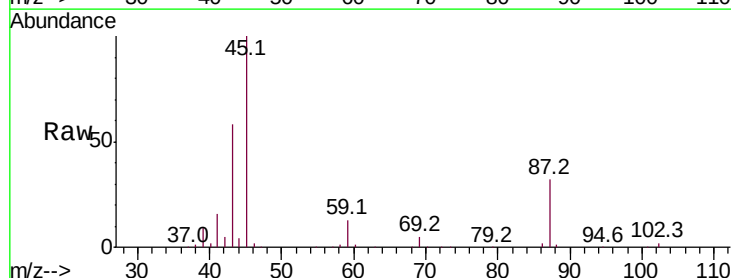
Ion Ratio Lower Upper

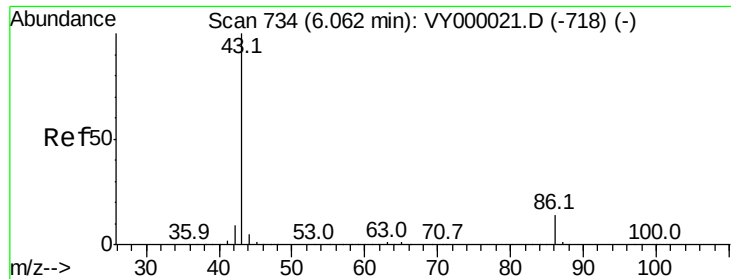
45 100

43 57.4 47.0 70.4

87 32.0 23.1 34.7

59 12.9 11.8 17.6





#23

Vinyl Acetate

Concen: 244.946 ug/l

RT: 6.06 min Scan# 733

Delta R.T. -0.01 min

Lab File: VY000040.D

Acq: 13 Sep 2019 14:33

Instrument :

MSVOA_Y

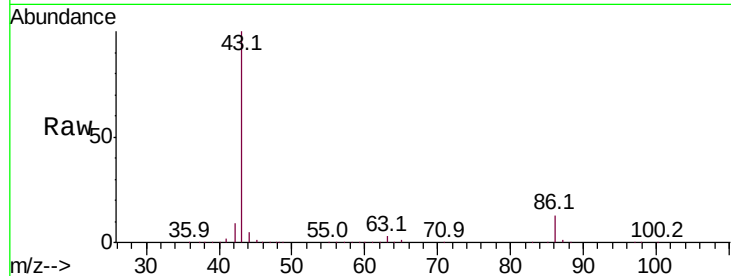
ClientSampleId :

Tot Ion: 43 Resp: 664812

Ion Ratio Lower Upper

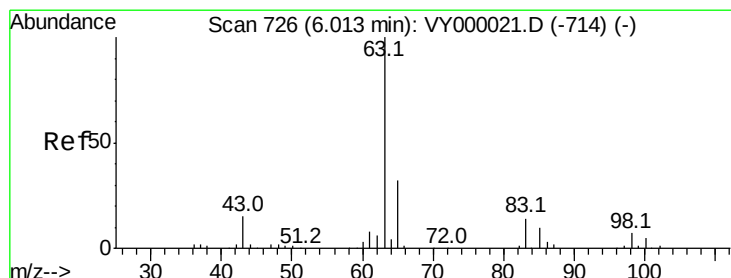
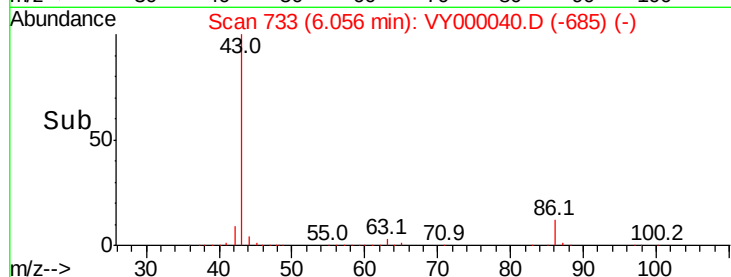
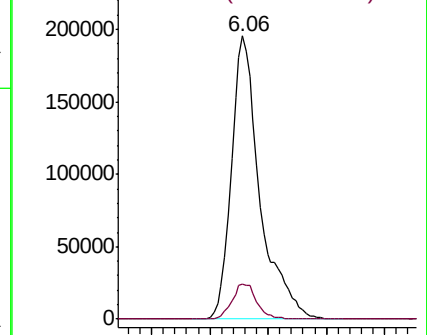
43 100

86 12.6 11.0 16.4



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 50.093 ug/l

RT: 6.01 min Scan# 726

Delta R.T. -0.00 min

Lab File: VY000040.D

Acq: 13 Sep 2019 14:33

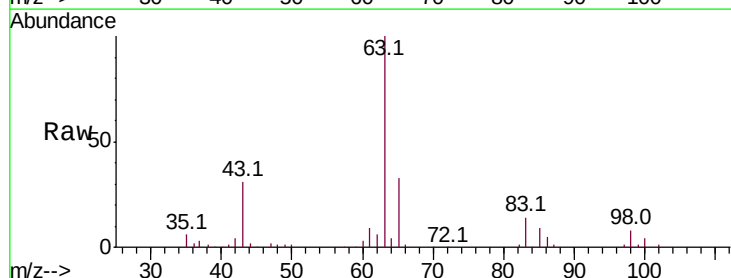
Tgt Ion: 63 Resp: 116463

Ion Ratio Lower Upper

63 100

98 8.4 3.8 11.2

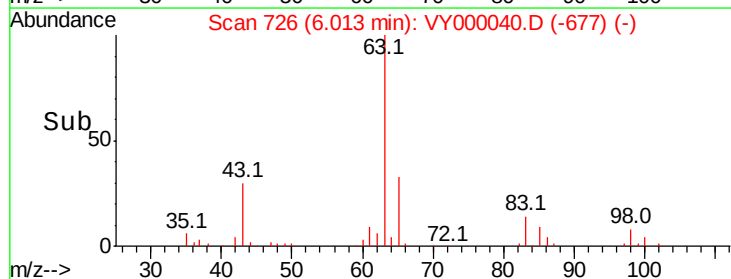
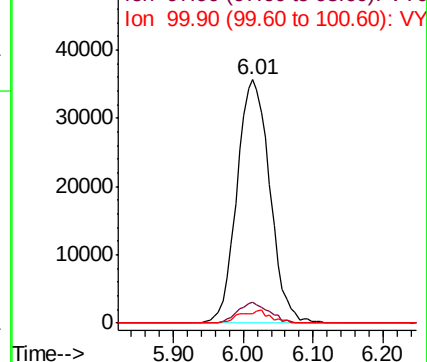
100 3.8 2.6 8.0

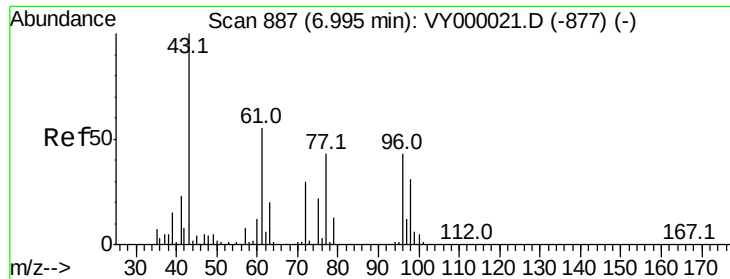


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 226.496 ug/l

RT: 6.99 min Scan# 886

Delta R.T. -0.01 min

Lab File: VY000040.D

Acq: 13 Sep 2019 14:33

Instrument :

MSVOA_Y

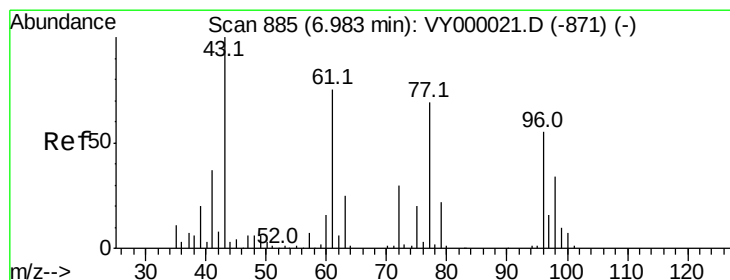
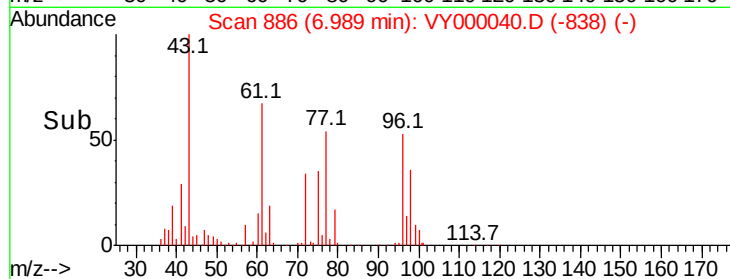
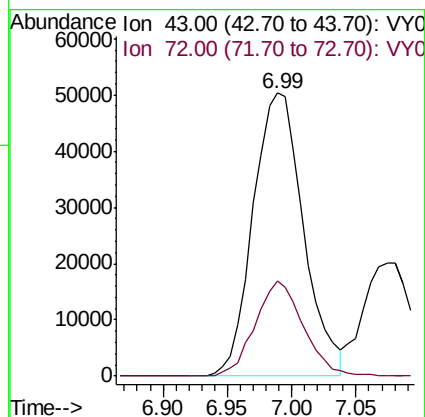
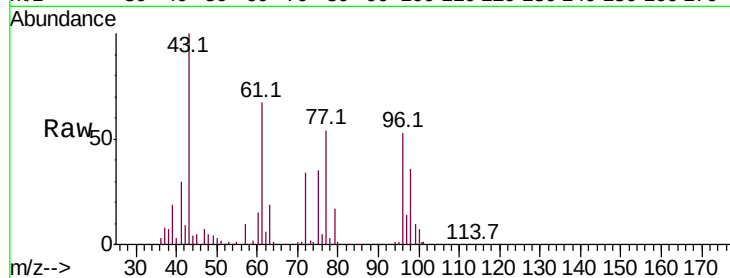
ClientSampleId :

Tot Ion: 43 Resp: 136578

Ion Ratio Lower Upper

43 100

72 33.8 24.1 36.1



#26

2,2-Dichloropropane

Concen: 47.612 ug/l

RT: 6.98 min Scan# 885

Delta R.T. -0.00 min

Lab File: VY000040.D

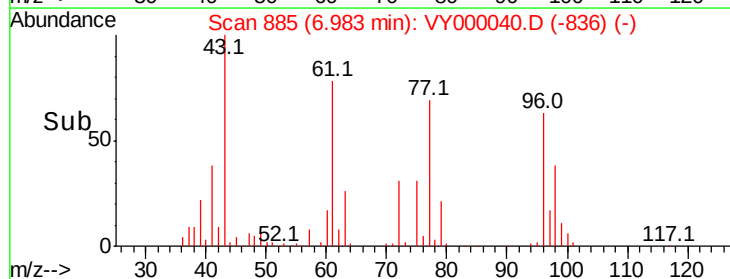
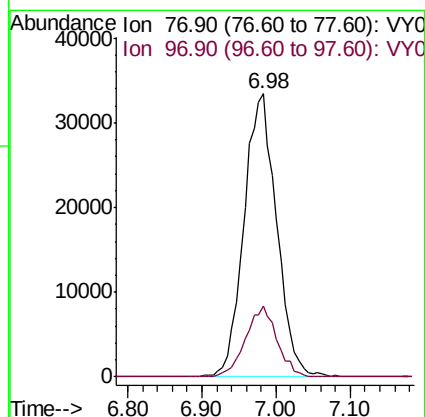
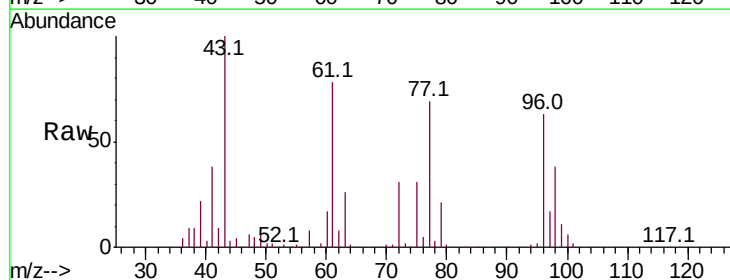
Acq: 13 Sep 2019 14:33

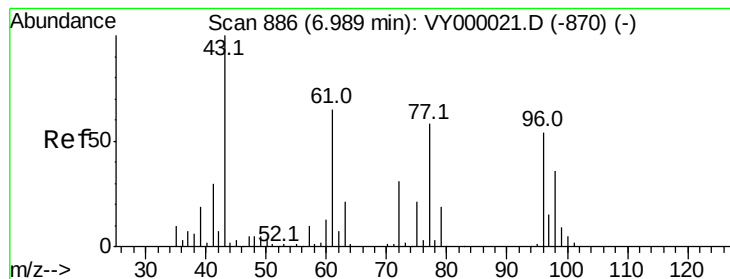
Tgt Ion: 77 Resp: 102835

Ion Ratio Lower Upper

77 100

97 23.8 12.0 36.1



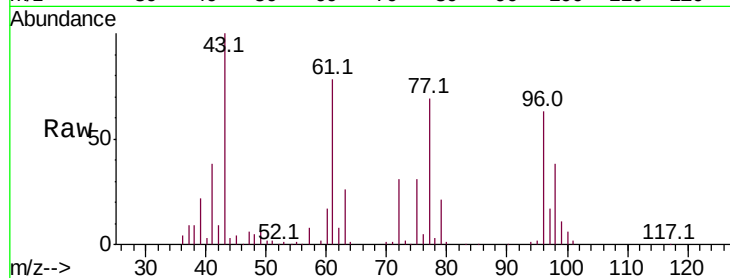


#27

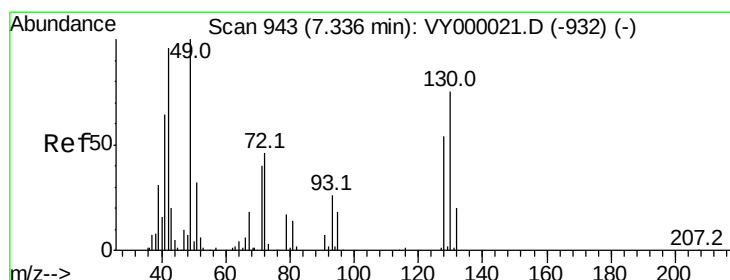
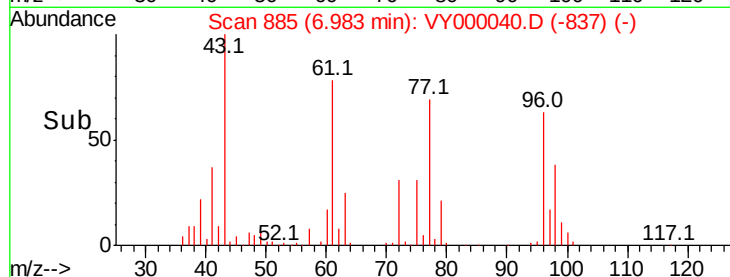
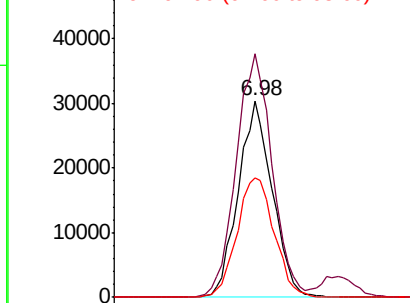
cis-1,2-Dichloroethene
Concen: 49.481 ug/l
RT: 6.98 min Scan# 885
Delta R.T. -0.01 min
Lab File: VY000040.D
Acq: 13 Sep 2019 14:33

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 96 Resp: 79124
Ion Ratio Lower Upper
96 100
61 130.7 0.0 259.2
98 66.4 0.0 127.4



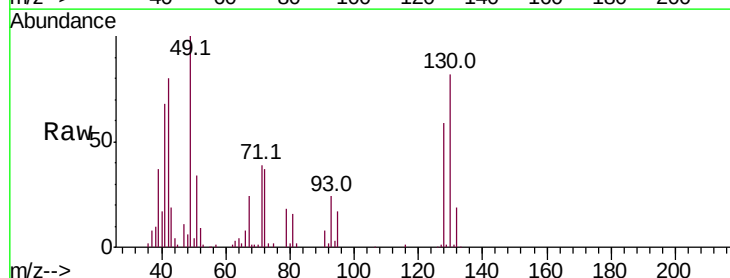
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



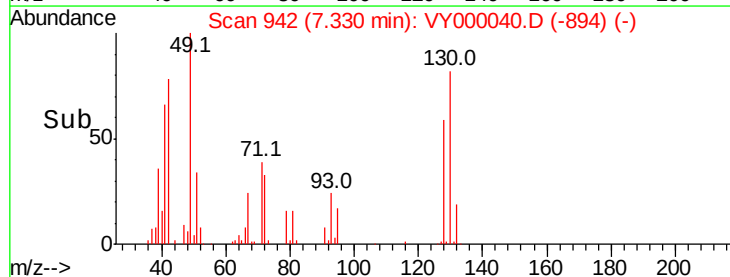
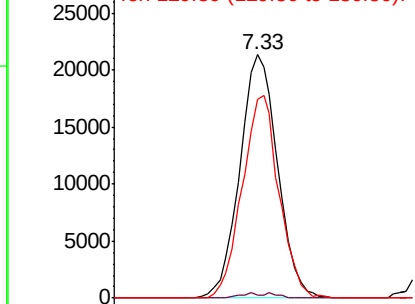
#28

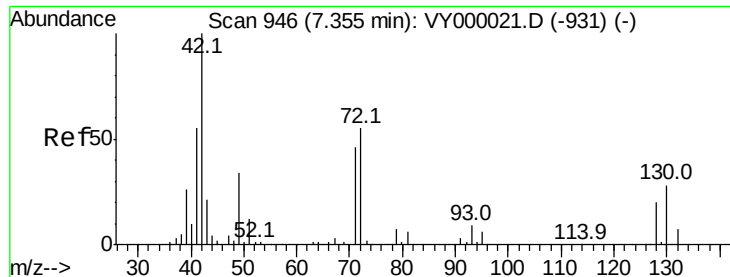
Bromochloromethane
Concen: 51.426 ug/l
RT: 7.33 min Scan# 942
Delta R.T. -0.01 min
Lab File: VY000040.D
Acq: 13 Sep 2019 14:33

Tgt Ion: 49 Resp: 54909
Ion Ratio Lower Upper
49 100
129 1.0 0.0 1.8
130 81.0 62.5 93.7



Abundance Ion 48.90 (48.60 to 49.60): VY0
Ion 128.80 (128.50 to 129.50): VY0
Ion 129.80 (129.50 to 130.50): VY0

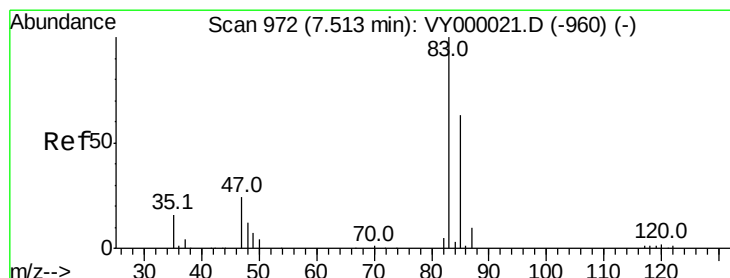
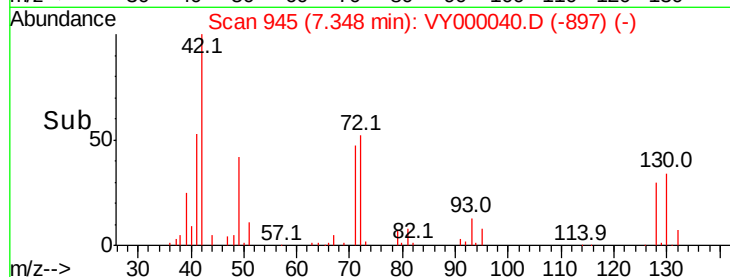
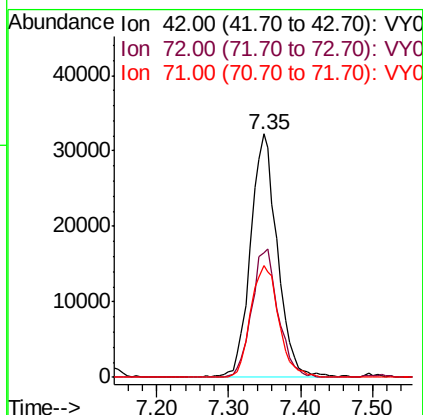
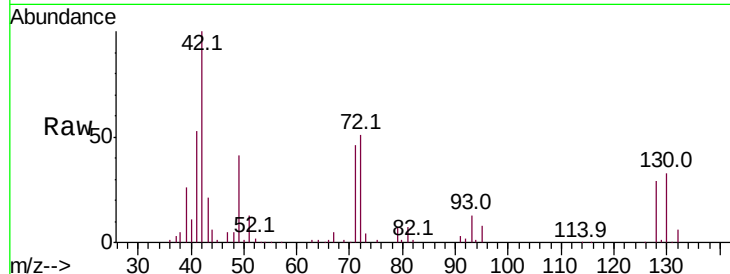




#29
Tetrahydrofuran
Concen: 233.630 ug/l
RT: 7.35 min Scan# 945
Delta R.T. -0.01 min
Lab File: VY000040.D
Acq: 13 Sep 2019 14:33

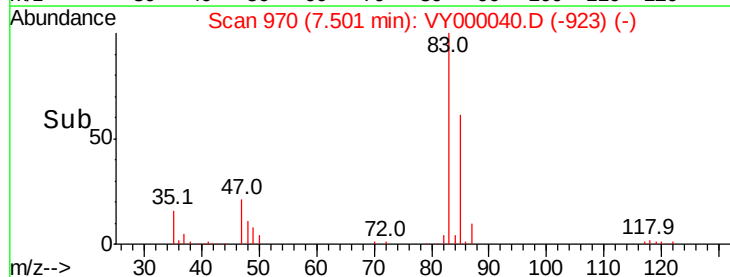
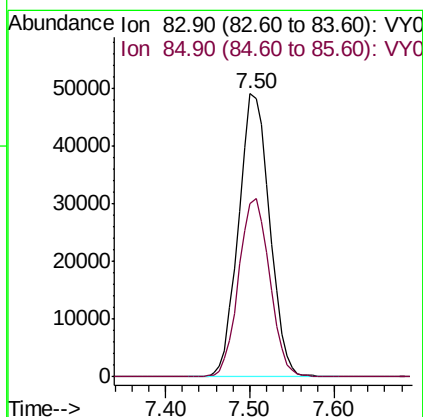
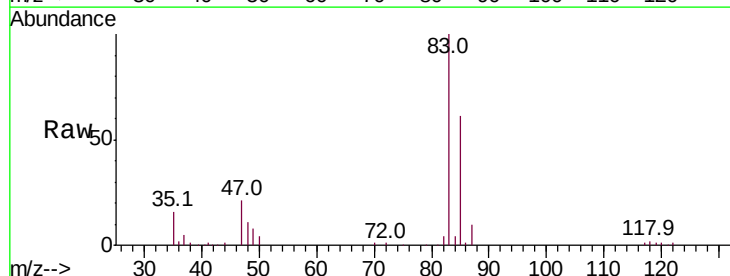
Instrument :
MSVOA_Y
ClientSampled :

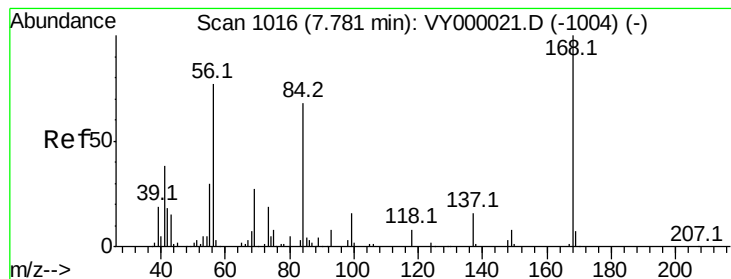
Tot Ion: 42 Resp: 83805
Ion Ratio Lower Upper
42 100
72 52.0 41.1 61.7
71 47.6 36.5 54.7



#30
Chloroform
Concen: 50.763 ug/l
RT: 7.50 min Scan# 970
Delta R.T. -0.01 min
Lab File: VY000040.D
Acq: 13 Sep 2019 14:33

Tgt Ion: 83 Resp: 121706
Ion Ratio Lower Upper
83 100
85 61.4 50.6 76.0





#31

Cyclohexane

Concen: 44.682 ug/l

RT: 7.78 min Scan# 1016

Delta R.T. 0.00 min

Lab File: VY000040.D

Acq: 13 Sep 2019 14:33

Instrument :
MSVOA_Y
ClientSampleId :

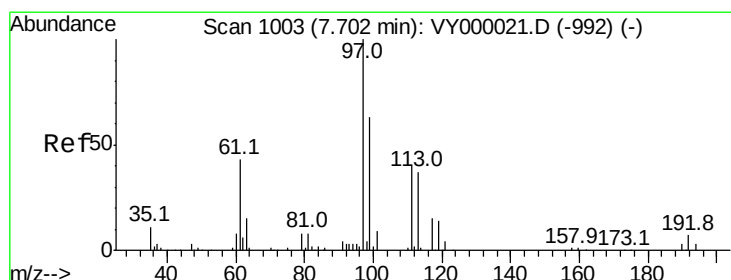
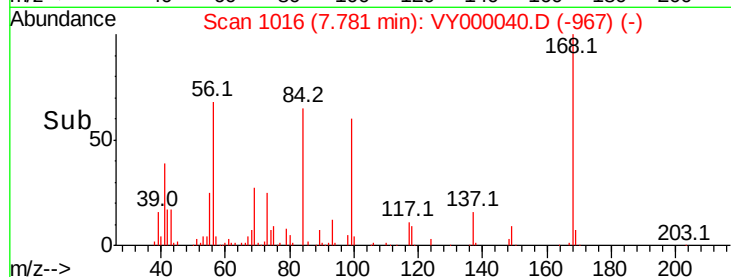
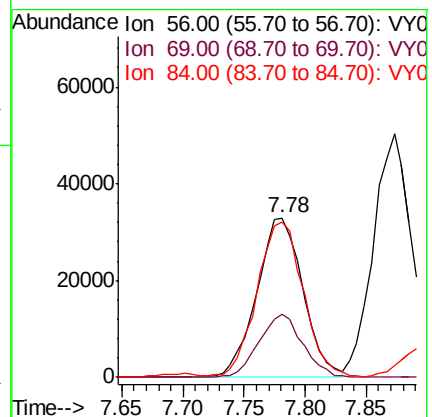
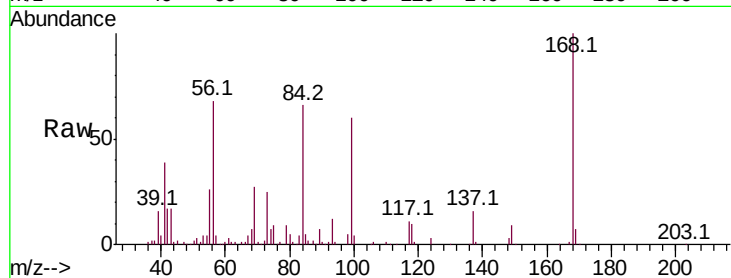
Tot Ion: 56 Resp: 86580

Ion Ratio Lower Upper

56 100

69 39.5 28.0 42.0

84 95.5 70.4 105.6



#32

1,1,1-Trichloroethane

Concen: 50.081 ug/l

RT: 7.70 min Scan# 1003

Delta R.T. -0.00 min

Lab File: VY000040.D

Acq: 13 Sep 2019 14:33

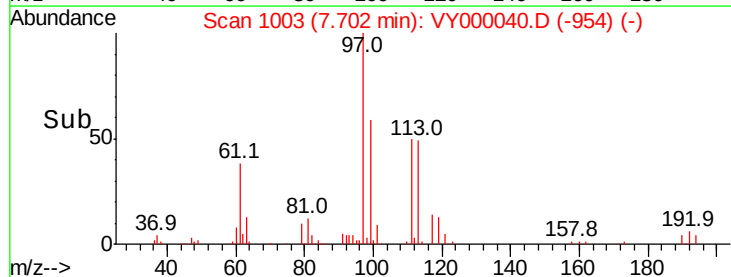
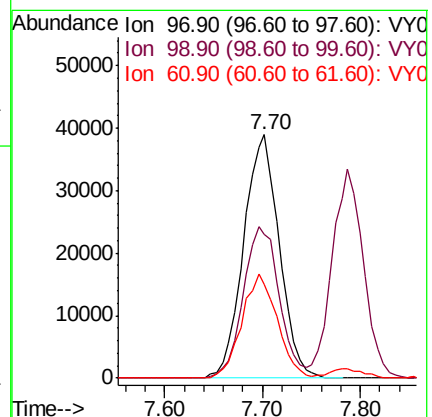
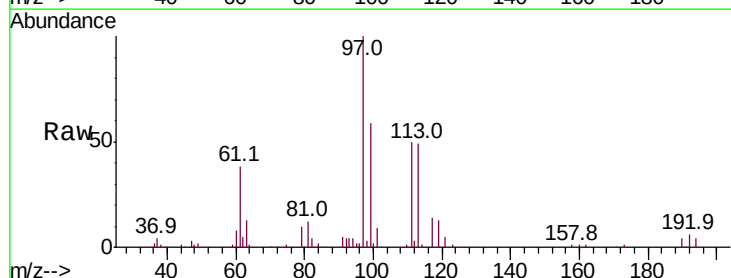
Tgt Ion: 97 Resp: 98497

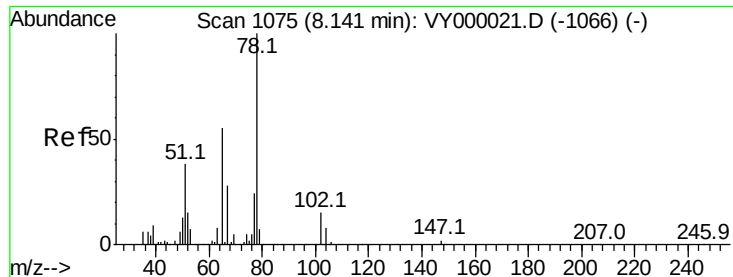
Ion Ratio Lower Upper

97 100

99 62.9 51.0 76.6

61 42.4 35.7 53.5

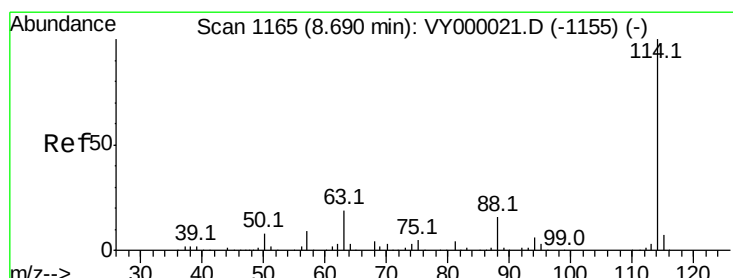
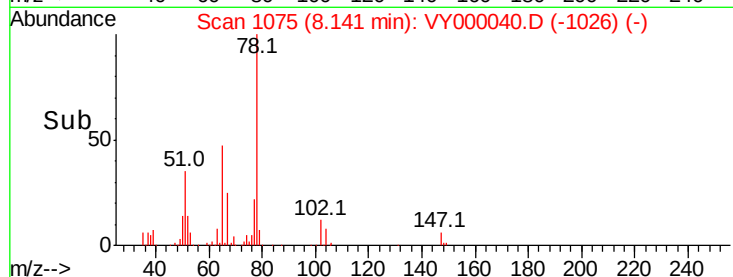
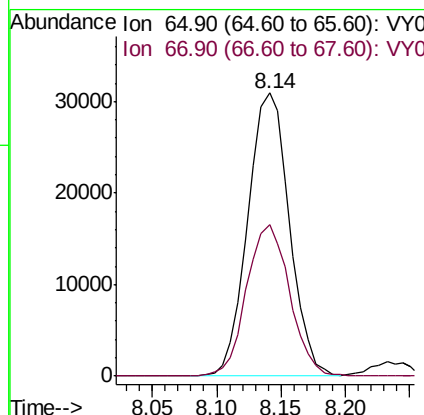
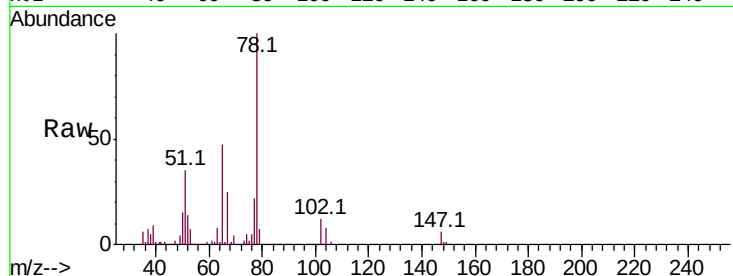




#33
 1,2-Dichloroethane-d4
 Concen: 51.555 ug/l
 RT: 8.14 min Scan# 1075
 Delta R.T. -0.00 min
 Lab File: VY000040.D
 Acq: 13 Sep 2019 14:33

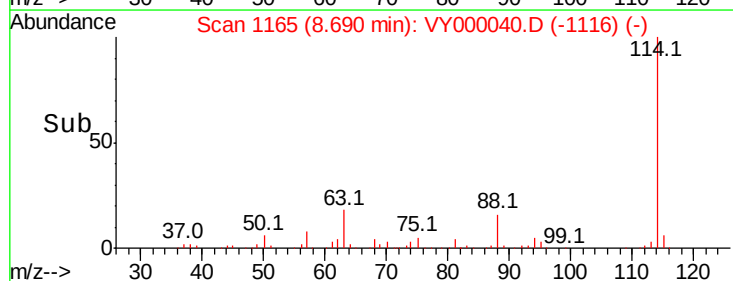
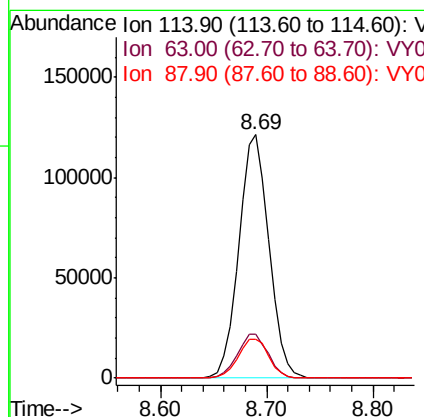
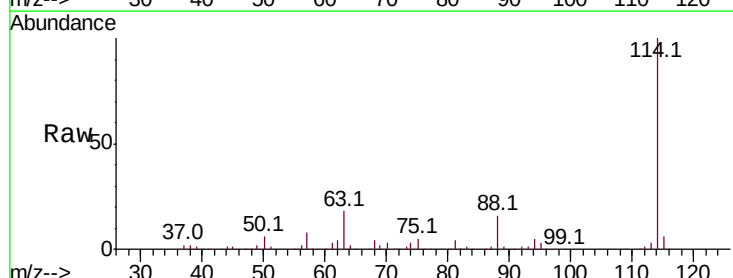
Instrument :
 MSVOA_Y
 ClientSampleId :

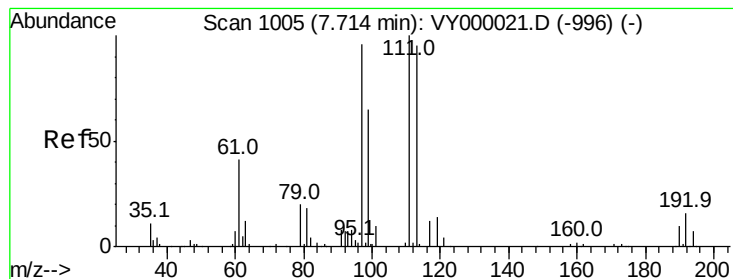
Tot Ion: 65 Resp: 68979
 Ion Ratio Lower Upper
 65 100
 67 55.7 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1165
 Delta R.T. -0.00 min
 Lab File: VY000040.D
 Acq: 13 Sep 2019 14:33

Tgt Ion: 114 Resp: 240297
 Ion Ratio Lower Upper
 114 100
 63 18.1 0.0 38.6
 88 15.8 0.0 31.8





#35

Dibromofluoromethane

Concen: 50.423 ug/l

RT: 7.71 min Scan# 1005

Delta R.T. -0.00 min

Lab File: VY000040.D

Acq: 13 Sep 2019 14:33

Instrument :
MSVOA_Y
ClientSampled :

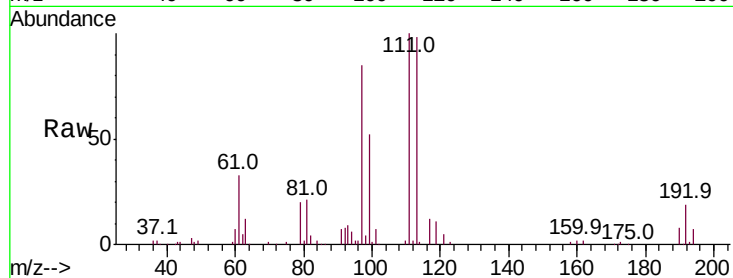
Tot Ion:113 Resp: 69512

Ion Ratio Lower Upper

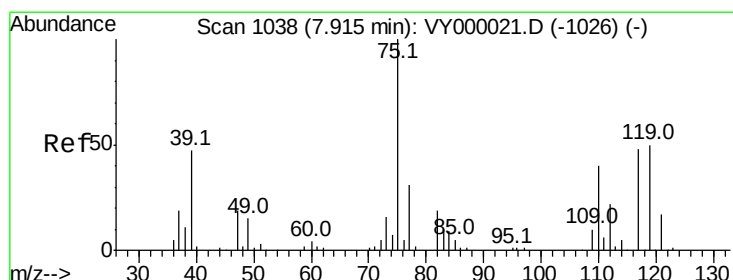
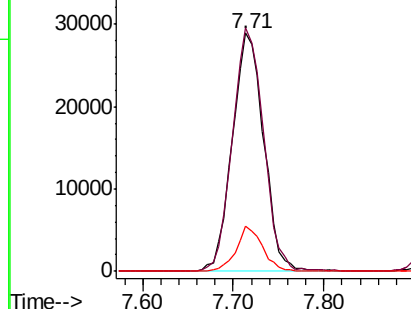
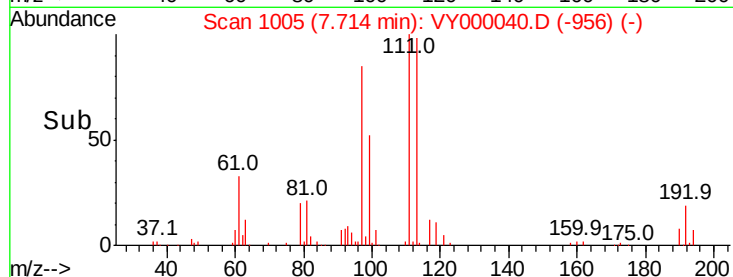
113 100

111 100.9 83.9 125.9

192 15.7 14.5 21.7



Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 47.278 ug/l

RT: 7.92 min Scan# 1038

Delta R.T. -0.00 min

Lab File: VY000040.D

Acq: 13 Sep 2019 14:33

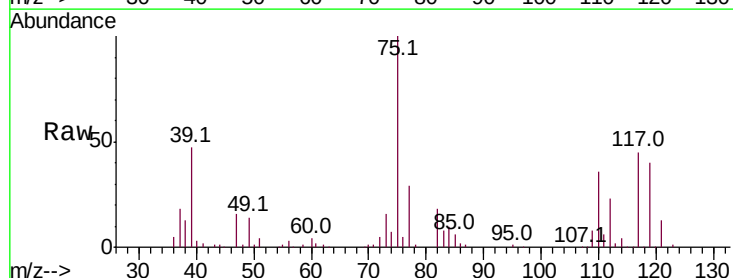
Tgt Ion: 75 Resp: 83413

Ion Ratio Lower Upper

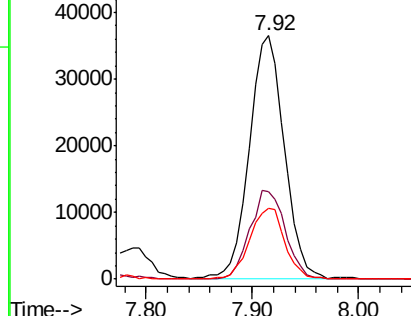
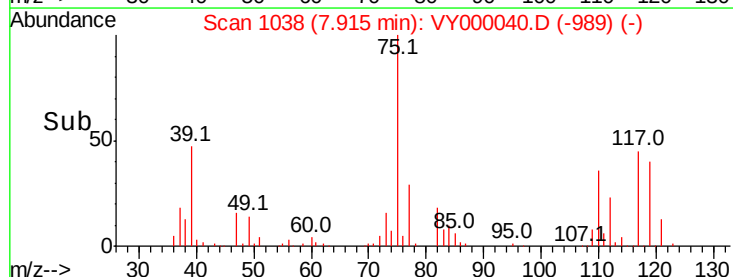
75 100

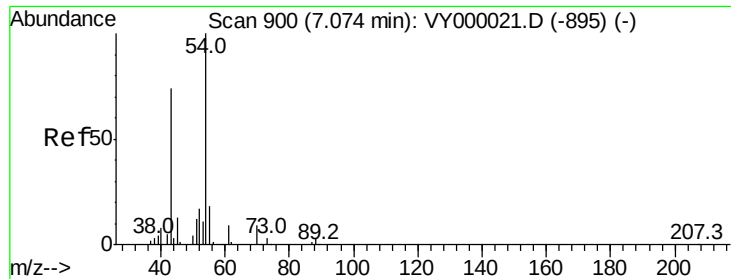
110 37.4 18.6 55.8

77 29.7 24.4 36.6



Abundance Ion 74.90 (74.60 to 75.60): VY0
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VY0

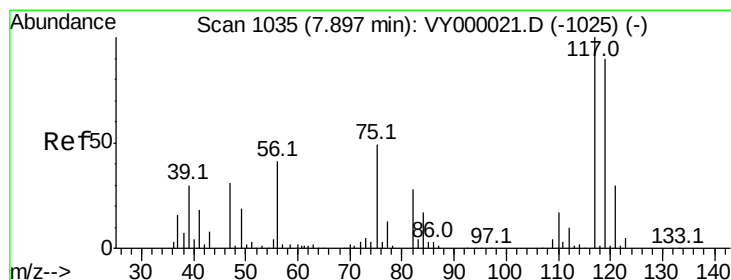
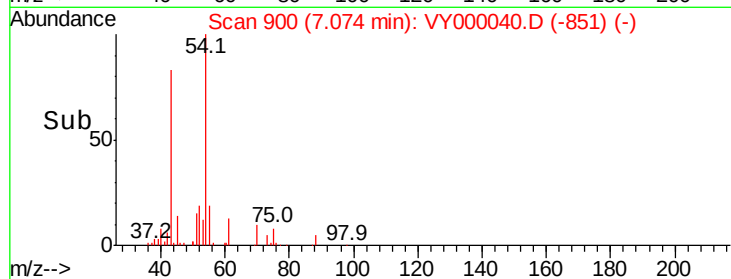
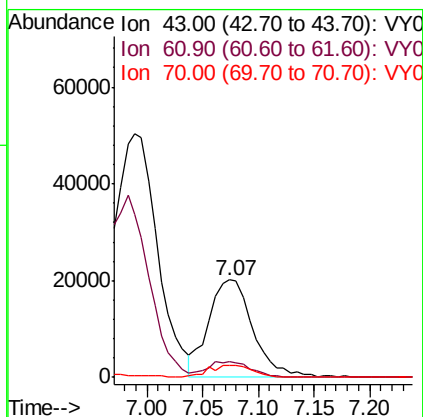
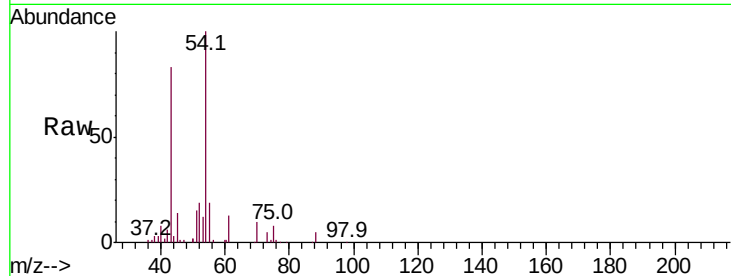




#37
Ethyl Acetate
Concen: 47.105 ug/l
RT: 7.07 min Scan# 900
Delta R.T. -0.00 min
Lab File: VY000040.D
Acq: 13 Sep 2019 14:33

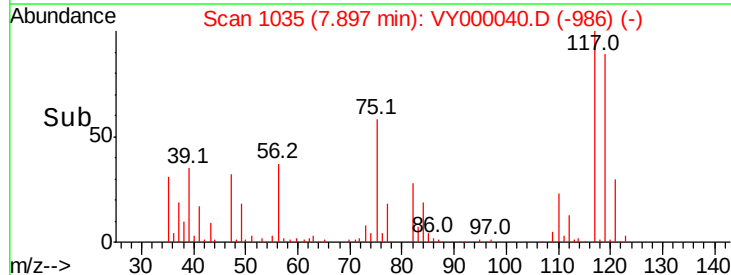
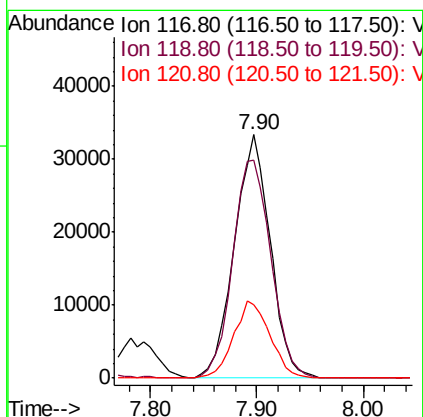
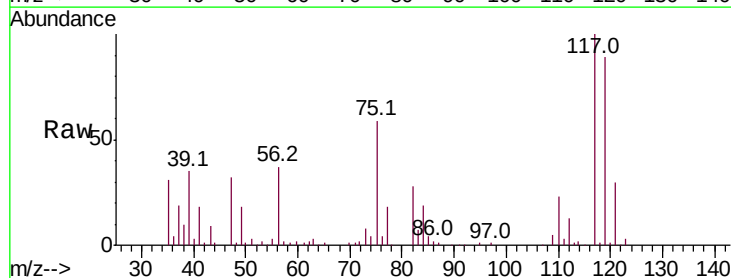
Instrument :
MSVOA_Y
ClientSampled :

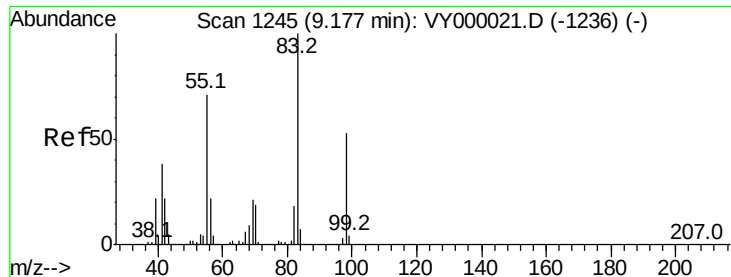
Tot Ion: 43 Resp: 56042
Ion Ratio Lower Upper
43 100
61 16.2 13.1 19.7
70 12.5 10.9 16.3



#38
Carbon Tetrachloride
Concen: 47.549 ug/l
RT: 7.90 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VY000040.D
Acq: 13 Sep 2019 14:33

Tgt Ion: 117 Resp: 79186
Ion Ratio Lower Upper
117 100
119 89.5 72.1 108.1
121 29.9 23.9 35.9

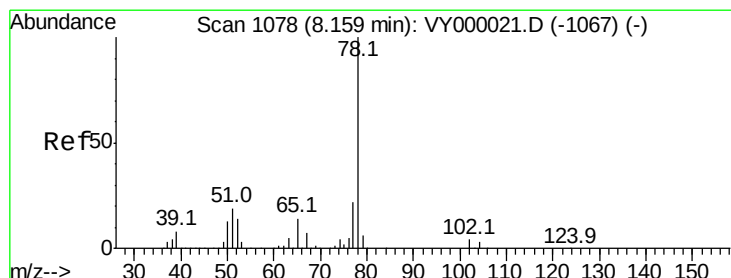
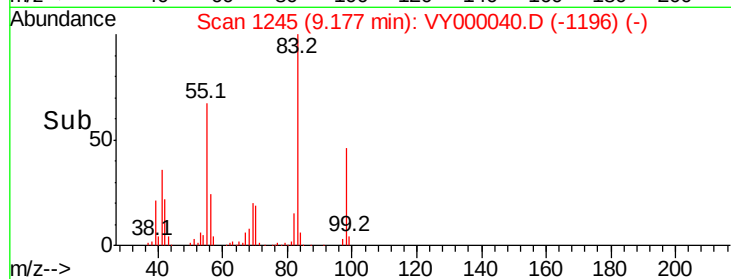
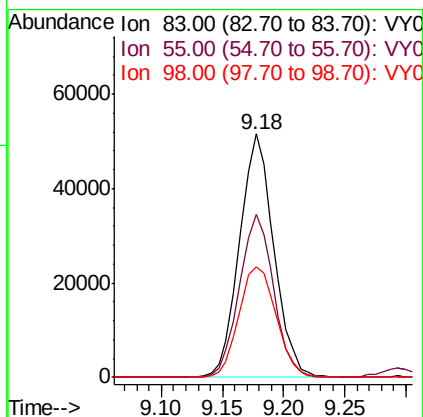
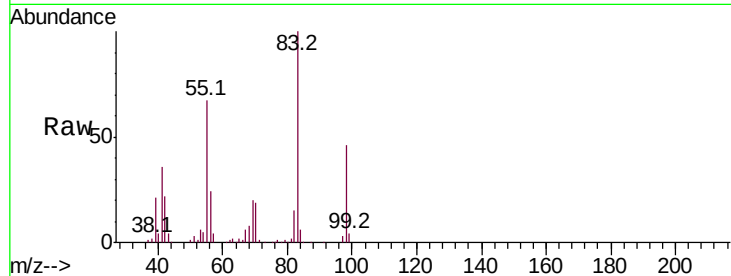




#39
Methylvlcyclohexane
Concen: 46.025 ug/l
RT: 9.18 min Scan# 1245
Delta R.T. -0.00 min
Lab File: VY000040.D
Acq: 13 Sep 2019 14:33

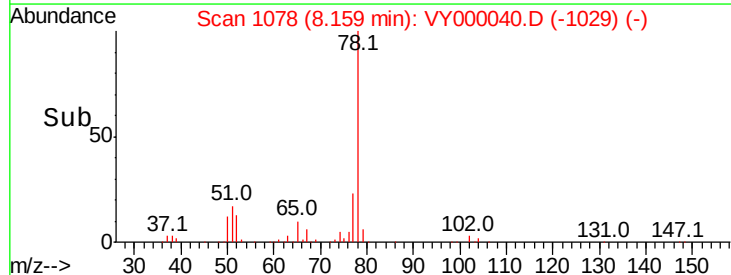
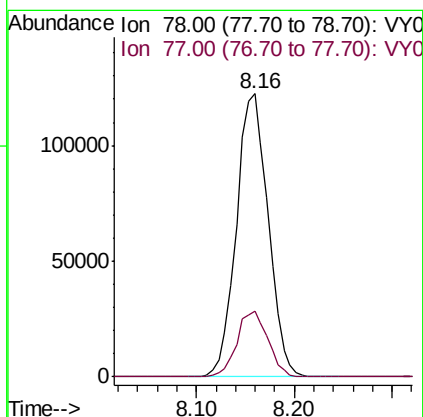
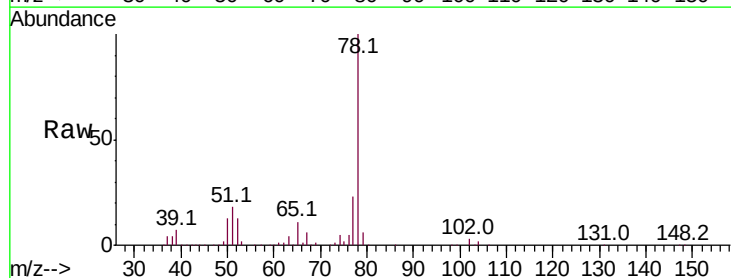
Instrument :
MSVOA_Y
ClientSampleId :

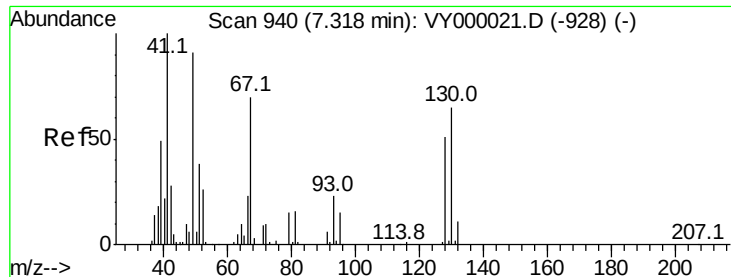
Tot Ion	83	Resp	100324
Ion Ratio	Lower	Upper	
83	100		
55	67.0	57.0	85.4
98	45.5	42.0	63.0



#40
Benzene
Concen: 48.133 ug/l
RT: 8.16 min Scan# 1078
Delta R.T. -0.00 min
Lab File: VY000040.D
Acq: 13 Sep 2019 14:33

Tgt Ion	78	Resp	276477
Ion Ratio	Lower	Upper	
78	100		
77	23.3	17.8	26.6

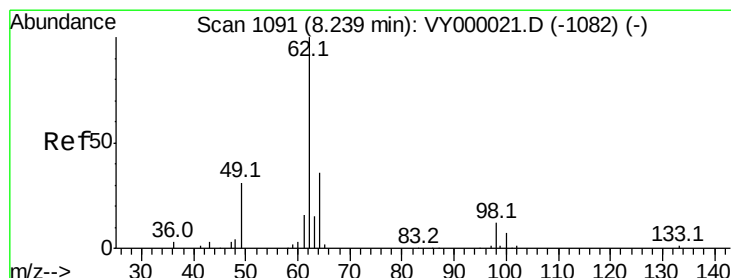
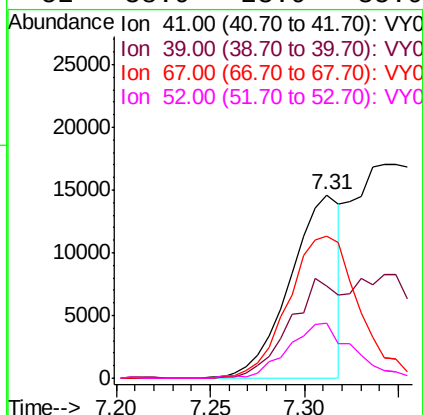
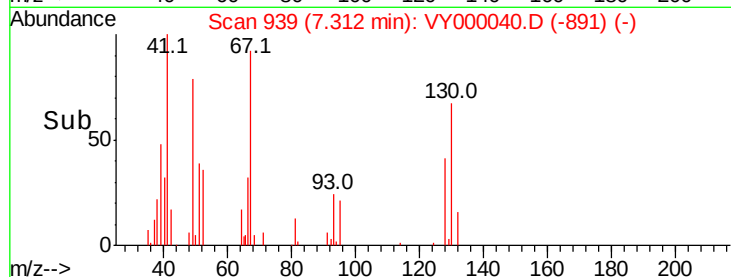
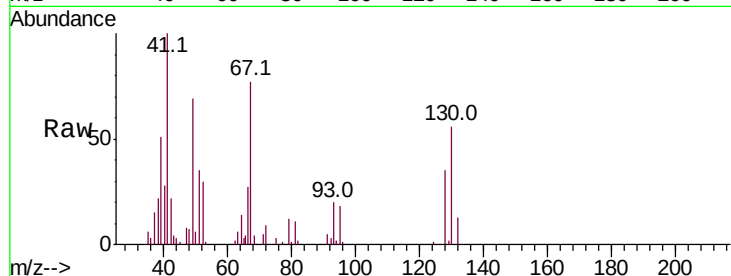




#41
Methacrylonitrile
Concen: 39.082 ug/l
RT: 7.31 min Scan# 939
Delta R.T. -0.01 min
Lab File: VY000040.D
Acq: 13 Sep 2019 14:33

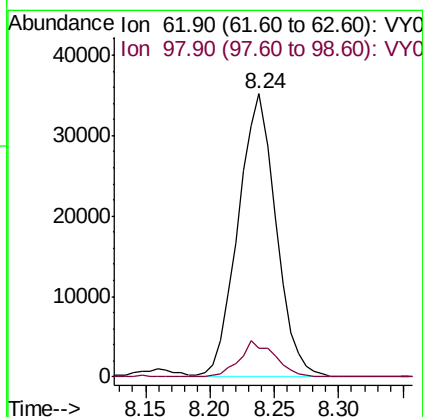
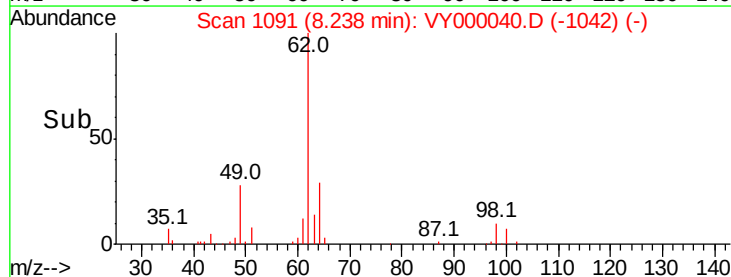
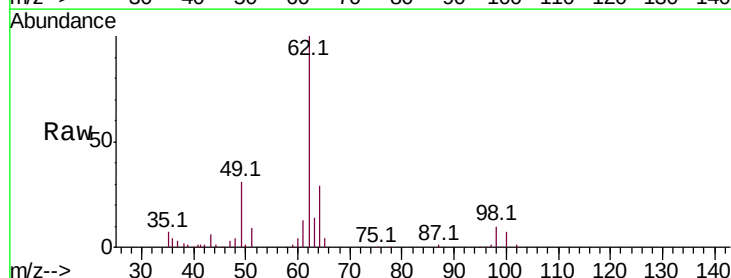
Instrument :
MSVOA_Y
ClientSampled :

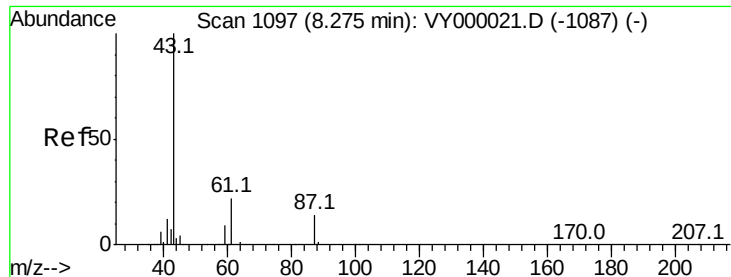
Tot Ion: 41 Resp: 27052
Ion Ratio Lower Upper
41 100
39 52.5 41.8 62.6
67 107.5 65.8 98.6#
52 38.9 23.9 35.9#



#42
1,2-Dichloroethane
Concen: 48.791 ug/l
RT: 8.24 min Scan# 1091
Delta R.T. -0.00 min
Lab File: VY000040.D
Acq: 13 Sep 2019 14:33

Tgt Ion: 62 Resp: 71622
Ion Ratio Lower Upper
62 100
98 11.9 0.0 23.2





#43

Isopropyl Acetate

Concen: 46.860 ug/l

RT: 8.28 min Scan# 1097

Delta R.T. -0.00 min

Lab File: VY000040.D

Acq: 13 Sep 2019 14:33

Instrument :

MSVOA_Y

ClientSampleId :

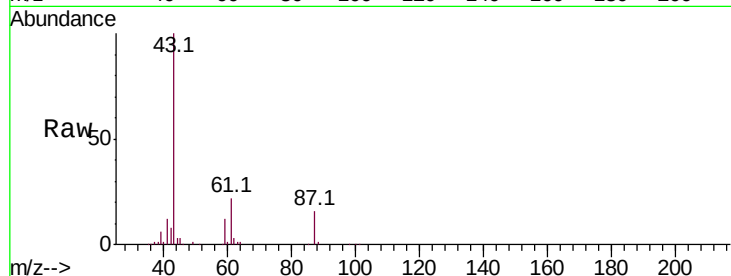
Tot Ion: 43 Resp: 108034

Ion Ratio Lower Upper

43 100

61 30.5 24.9 37.3

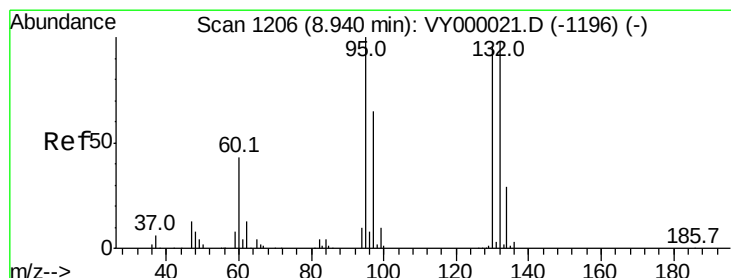
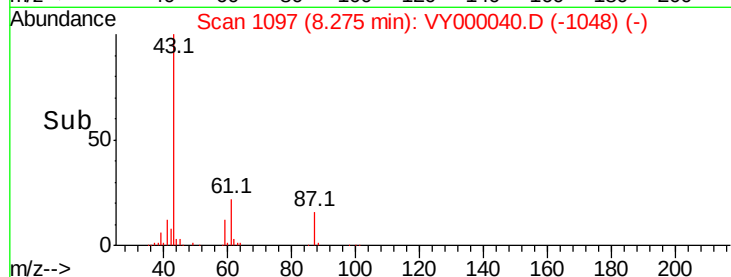
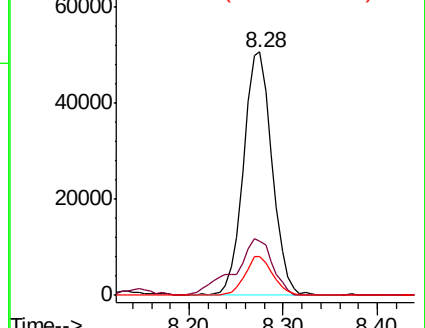
87 15.5 12.3 18.5



Abundance Ion 43.00 (42.70 to 43.70): VY000021.D (-1087) (-)

Ion 61.00 (60.70 to 61.70): VY000021.D (-1087) (-)

Ion 87.00 (86.70 to 87.70): VY000021.D (-1087) (-)



#44

Trichloroethene

Concen: 48.585 ug/l

RT: 8.94 min Scan# 1206

Delta R.T. -0.00 min

Lab File: VY000040.D

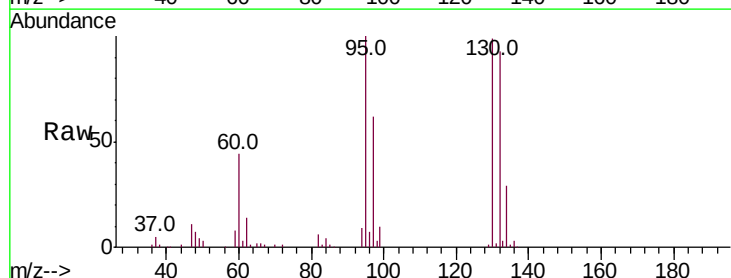
Acq: 13 Sep 2019 14:33

Tgt Ion:130 Resp: 69681

Ion Ratio Lower Upper

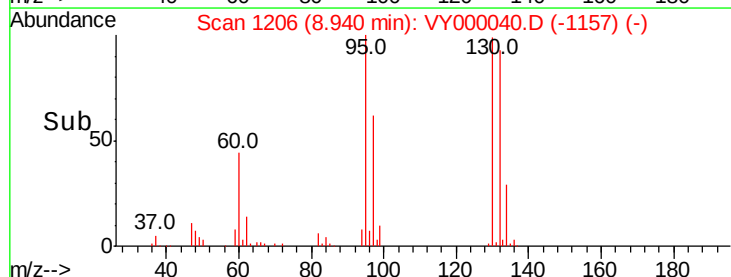
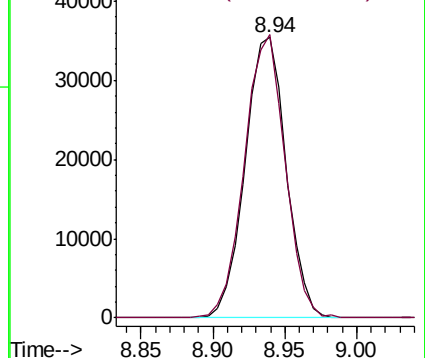
130 100

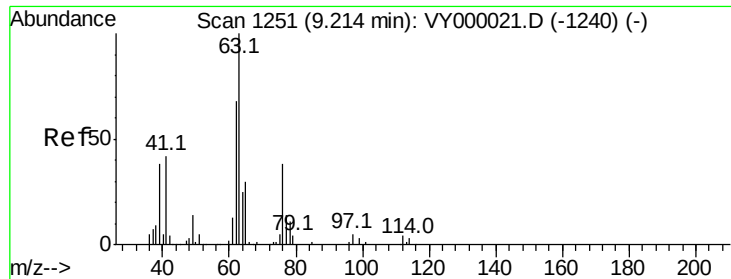
95 101.0 0.0 207.4



Abundance Ion 129.80 (129.50 to 130.50): VY000021.D (-1196) (-)

Ion 94.90 (94.60 to 95.60): VY000021.D (-1196) (-)





#45

1,2-Dichloropropane

Concen: 48.459 ug/l

RT: 9.21 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VY000040.D

Acq: 13 Sep 2019 14:33

Instrument :

MSVOA_Y

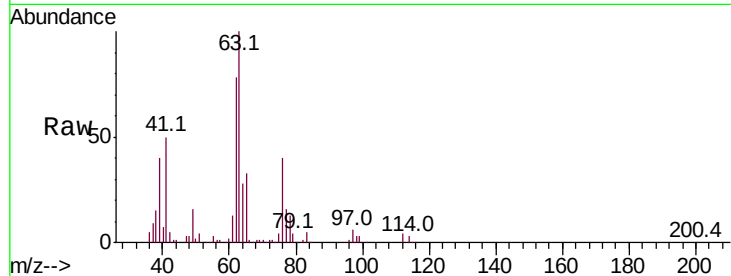
ClientSampleId :

Tot Ion: 63 Resp: 71774

Ion Ratio Lower Upper

63 100

65 33.2 24.1 36.1



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 64.90 (64.60 to 65.60): VY0

40000

30000

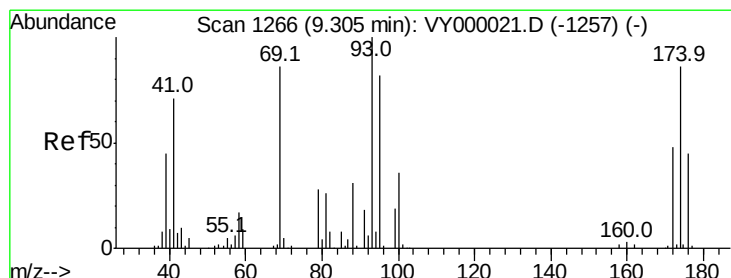
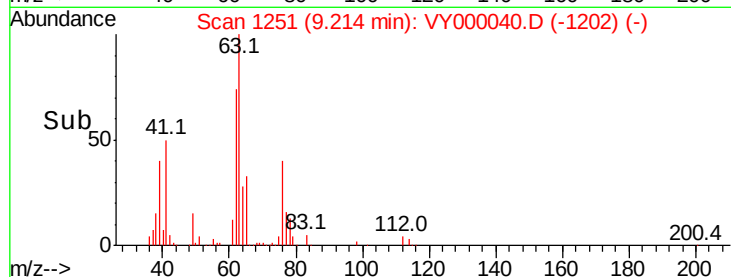
20000

10000

0

Time-->

9.10 9.15 9.20 9.25 9.30



#46

Dibromomethane

Concen: 46.888 ug/l

RT: 9.31 min Scan# 1266

Delta R.T. -0.00 min

Lab File: VY000040.D

Acq: 13 Sep 2019 14:33

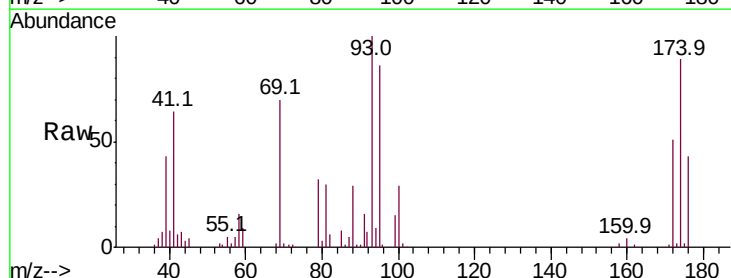
Tgt Ion: 93 Resp: 38542

Ion Ratio Lower Upper

93 100

95 82.8 67.0 100.6

174 84.4 68.8 103.2



Abundance Ion 92.80 (92.50 to 93.50): VY0

Ion 94.80 (94.50 to 95.50): VY0

Ion 173.70 (173.40 to 174.40): VY0

25000

20000

15000

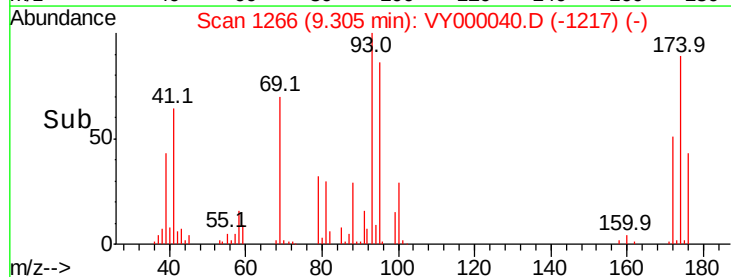
10000

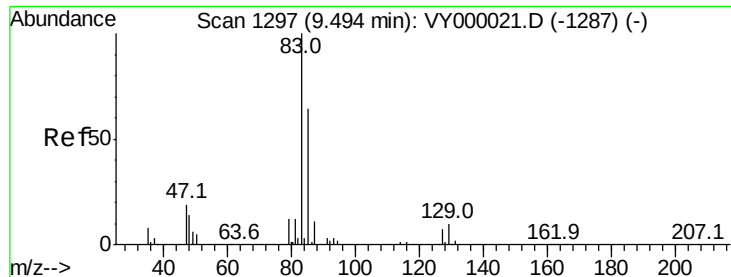
5000

0

Time-->

9.25 9.30 9.35





#47

Bromodichloromethane

Concen: 48.478 ug/l

RT: 9.49 min Scan# 1297

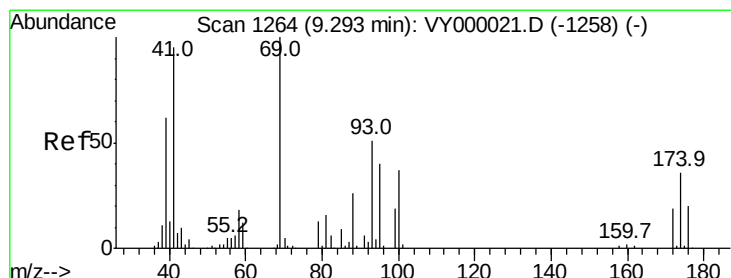
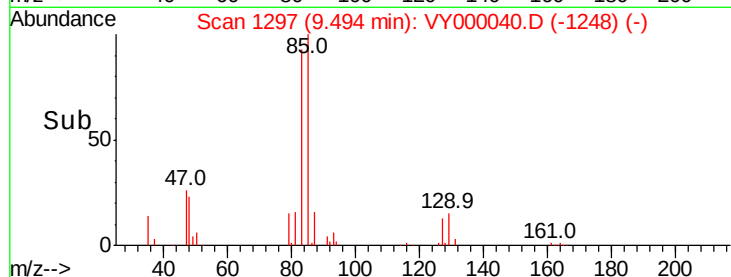
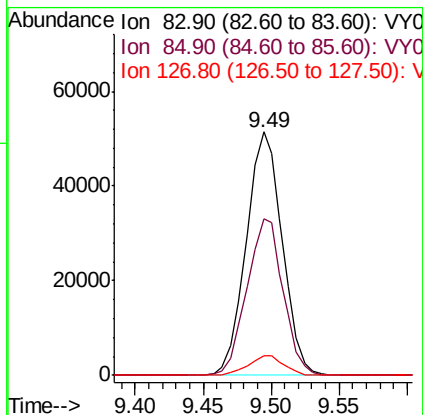
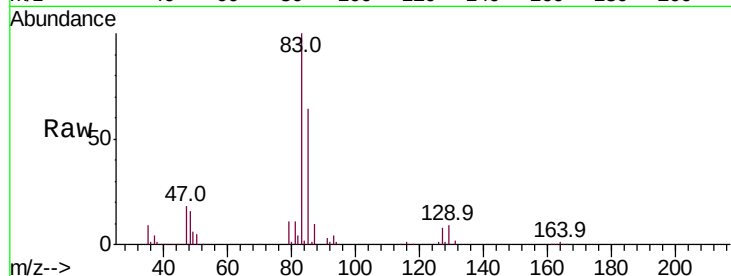
Delta R.T. -0.00 min

Lab File: VY000040.D

Acq: 13 Sep 2019 14:33

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:	83	Resp:	95125
Ion	Ratio	Lower	Upper
83	100		
85	64.5	51.4	77.2
127	8.1	5.4	8.2



#48

Methyl methacrylate

Concen: 46.640 ug/l

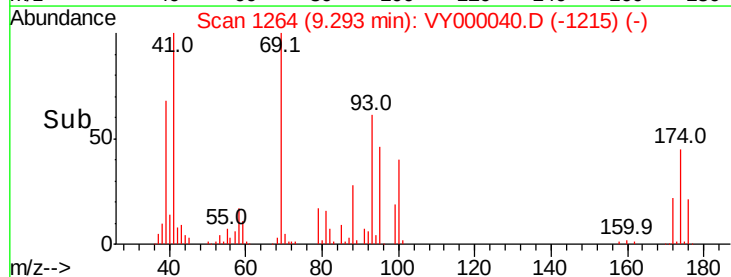
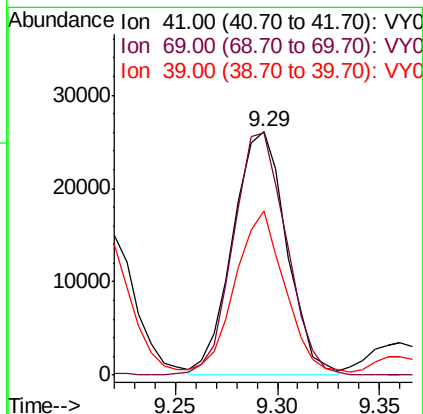
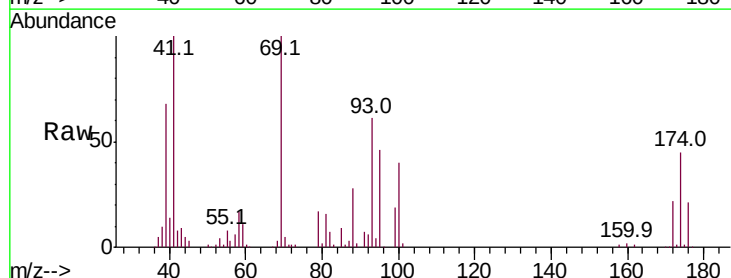
RT: 9.29 min Scan# 1264

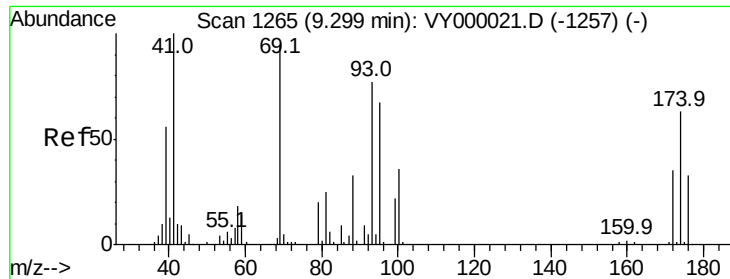
Delta R.T. -0.00 min

Lab File: VY000040.D

Acq: 13 Sep 2019 14:33

Tgt Ion:	41	Resp:	47449
Ion	Ratio	Lower	Upper
41	100		
69	99.1	79.7	119.5
39	63.6	48.6	72.8





#49

1,4-Dioxane

Concen: 905.220 ug/l

RT: 9.29 min Scan# 1264

Delta R.T. -0.01 min

Lab File: VY000040.D

Acq: 13 Sep 2019 14:33

Instrument :
MSVOA_Y
ClientSampleId :

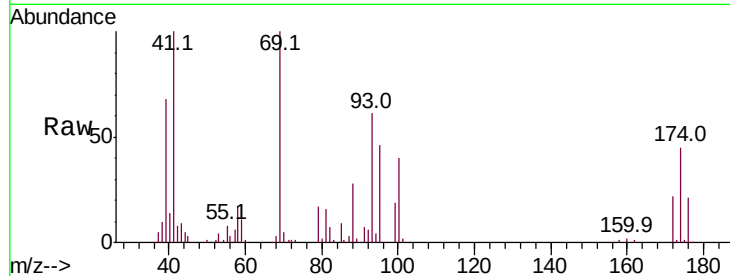
Tot Ion: 88 Resp: 15583

Ion Ratio Lower Upper

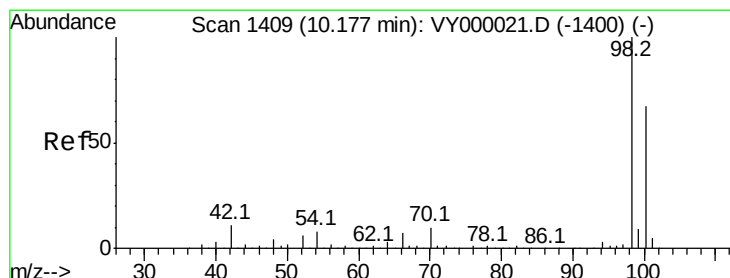
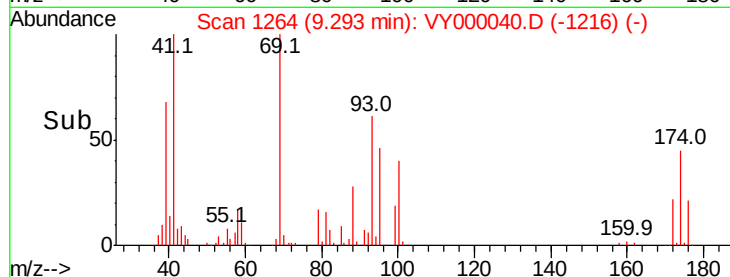
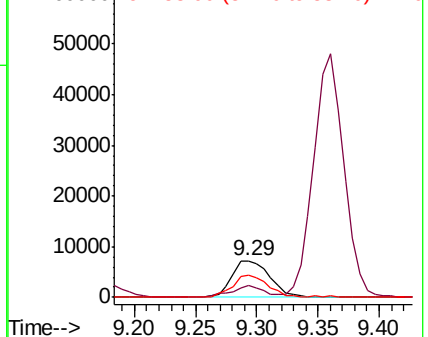
88 100

43 26.6 24.6 37.0

58 55.8 52.7 79.1



Abundance Ion 88.00 (87.70 to 88.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0



#50

Toluene-d8

Concen: 51.993 ug/l

RT: 10.18 min Scan# 1409

Delta R.T. -0.00 min

Lab File: VY000040.D

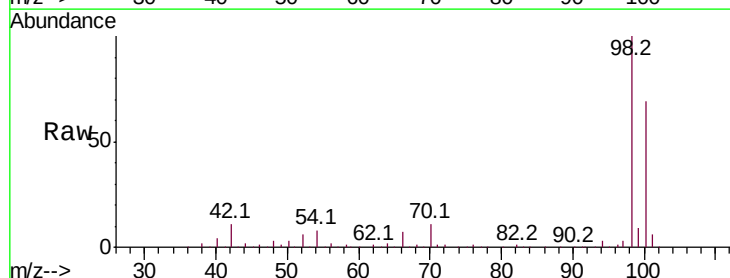
Acq: 13 Sep 2019 14:33

Tgt Ion: 98 Resp: 288584

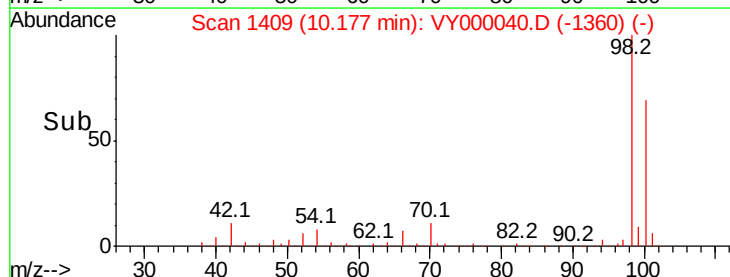
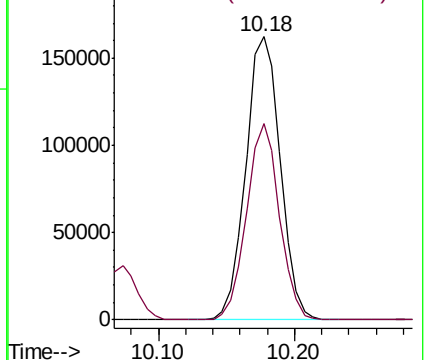
Ion Ratio Lower Upper

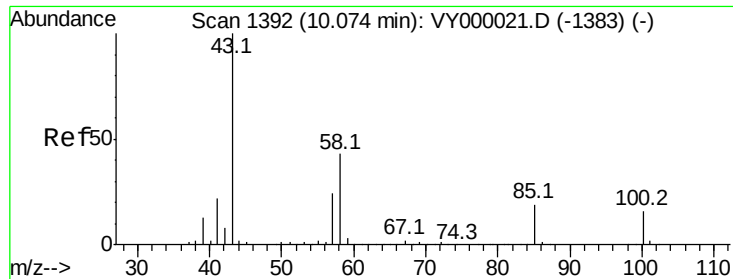
98 100

100 66.1 54.0 81.0



Abundance Ion 98.00 (97.70 to 98.70): VY0
Ion 100.00 (99.70 to 100.70): VY0

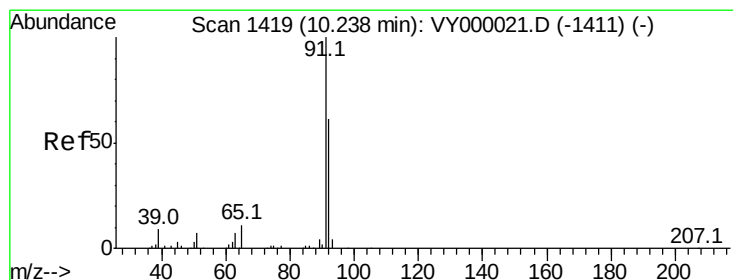
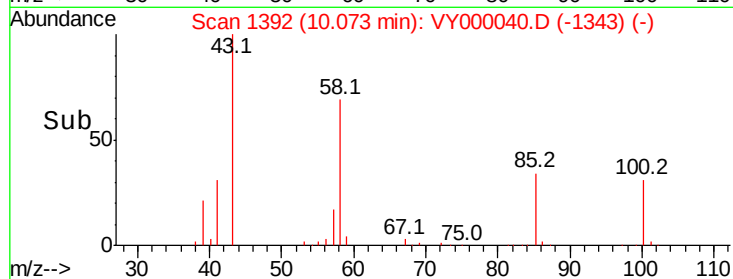
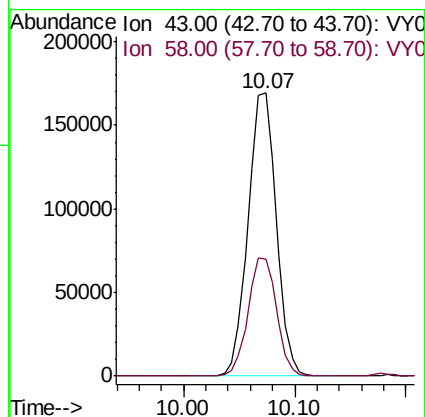
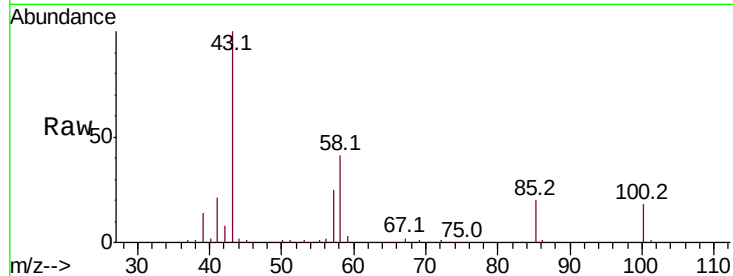




#51
4-Methyl-2-Pentanone
Concen: 232.059 ug/l
RT: 10.07 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VY000040.D
Acq: 13 Sep 2019 14:33

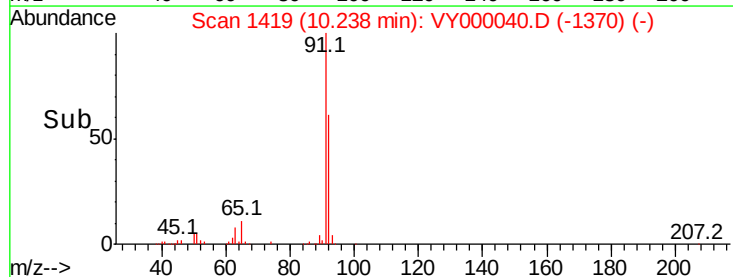
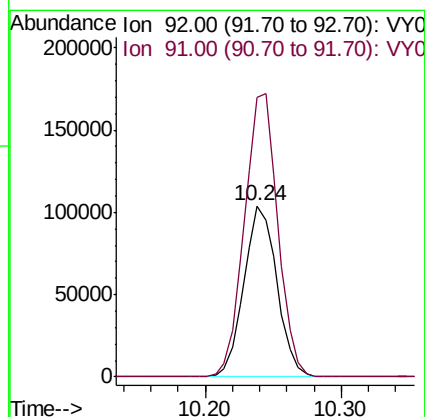
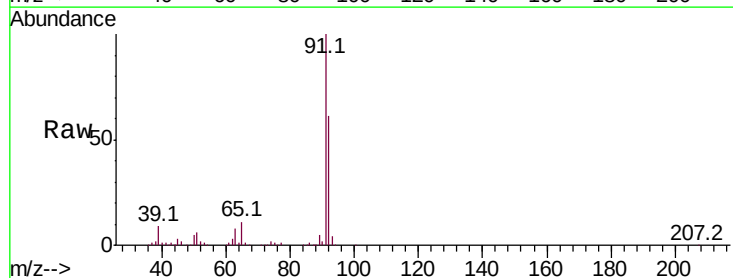
Instrument :
MSVOA_Y
ClientSampled :

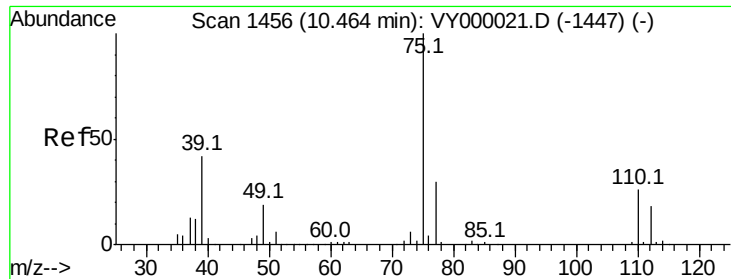
Tot Ion: 43 Resp: 299786
Ion Ratio Lower Upper
43 100
58 42.1 34.1 51.1



#52
Toluene
Concen: 48.672 ug/l
RT: 10.24 min Scan# 1419
Delta R.T. -0.00 min
Lab File: VY000040.D
Acq: 13 Sep 2019 14:33

Tgt Ion: 92 Resp: 175677
Ion Ratio Lower Upper
92 100
91 168.1 136.4 204.6





#53

t-1,3-Dichloropropene

Concen: 48.876 ug/l

RT: 10.46 min Scan# 1456

Delta R.T. -0.00 min

Lab File: VY000040.D

Acq: 13 Sep 2019 14:33

Instrument :

MSVOA_Y

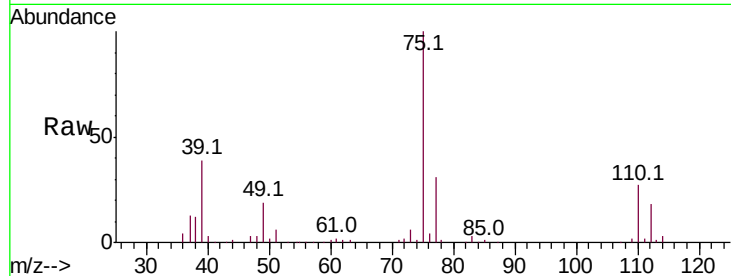
ClientSampleId :

Tot Ion: 75 Resp: 100836

Ion Ratio Lower Upper

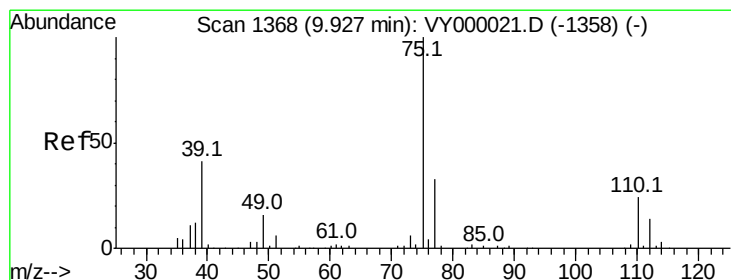
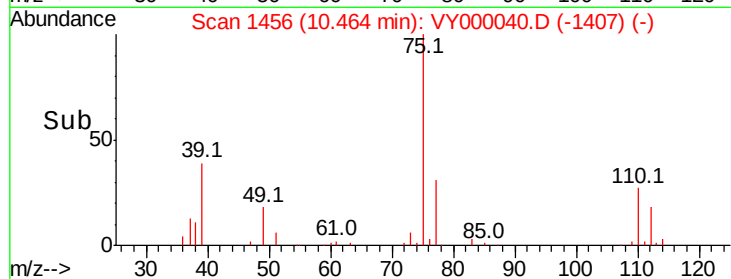
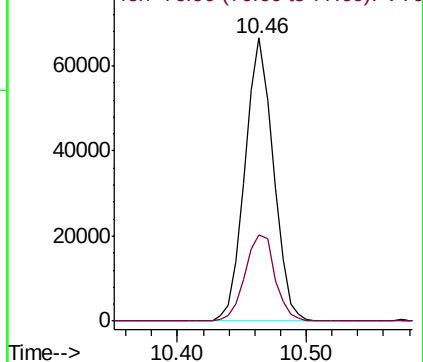
75 100

77 30.7 23.8 35.8



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0



#54

cis-1,3-Dichloropropene

Concen: 48.992 ug/l

RT: 9.93 min Scan# 1368

Delta R.T. -0.00 min

Lab File: VY000040.D

Acq: 13 Sep 2019 14:33

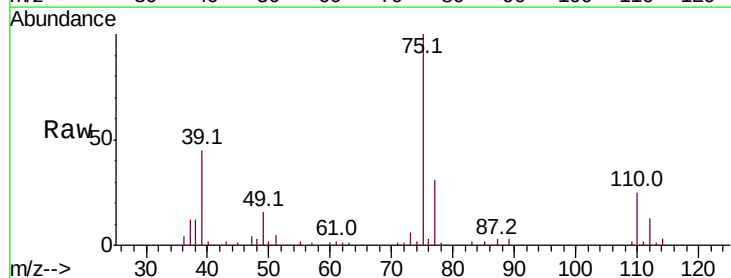
Tgt Ion: 75 Resp: 117612

Ion Ratio Lower Upper

75 100

77 31.4 26.3 39.5

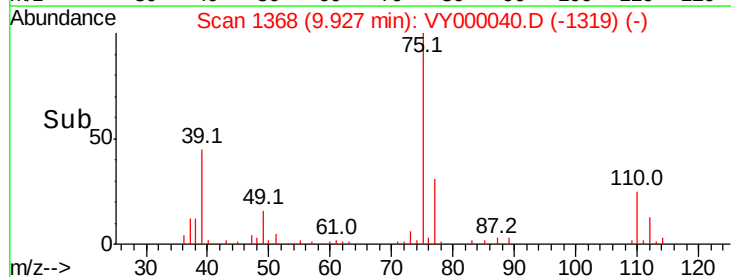
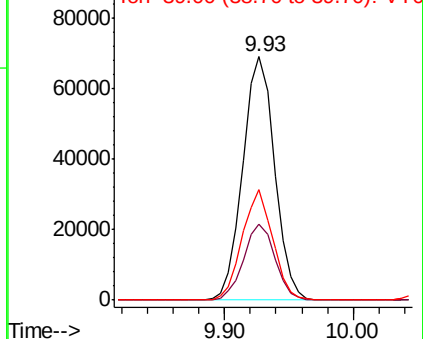
39 45.1 32.9 49.3

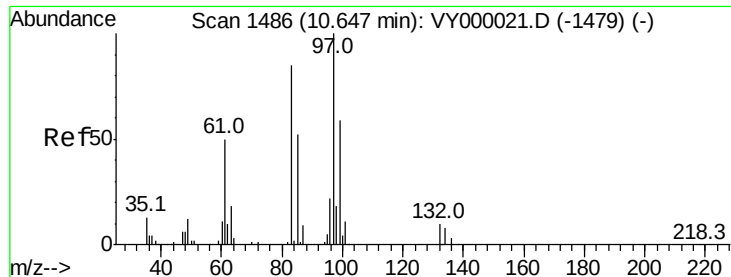


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0



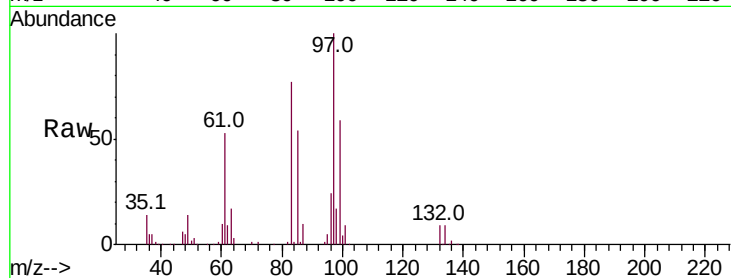


#55
 1,1,2-Trichloroethane
 Concen: 48.065 ug/l
 RT: 10.64 min Scan# 1485
 Delta R.T. -0.01 min
 Lab File: VY000040.D
 Acq: 13 Sep 2019 14:33

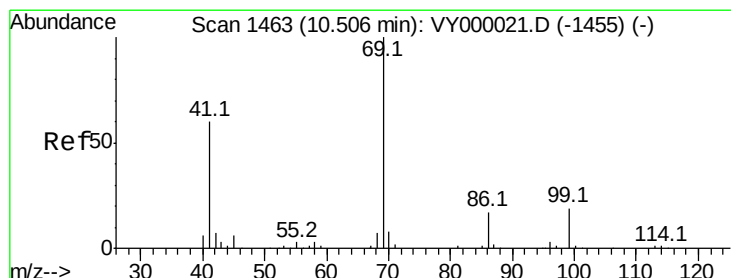
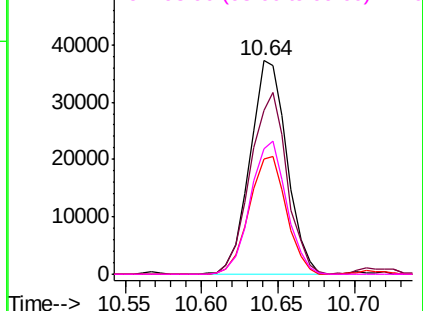
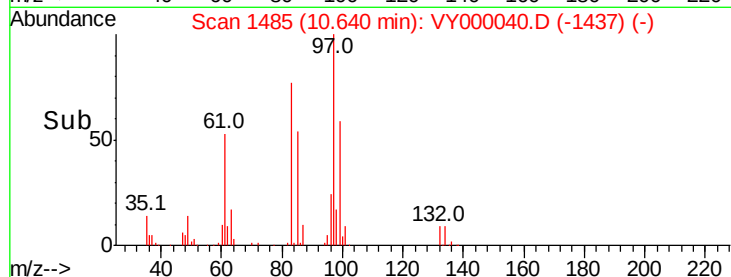
Instrument :
 MSVOA_Y
 ClientSampled :

Tot Ion: 97 Resp: 62611

Ion	Ratio	Lower	Upper
97	100		
83	76.7	68.2	102.2
85	53.8	41.7	62.5
99	58.9	47.3	70.9



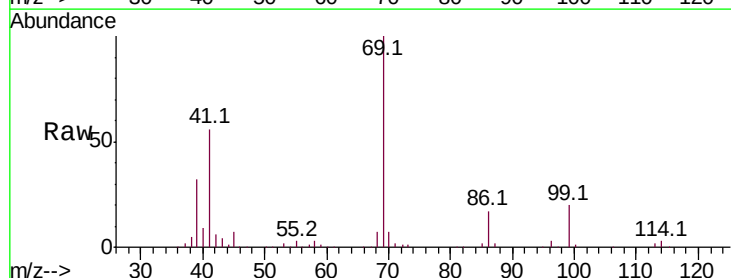
Abundance Ion 96.90 (96.60 to 97.60): VY0
 Ion 82.90 (82.60 to 83.60): VY0
 Ion 84.90 (84.60 to 85.60): VY0
 Ion 98.90 (98.60 to 99.60): VY0



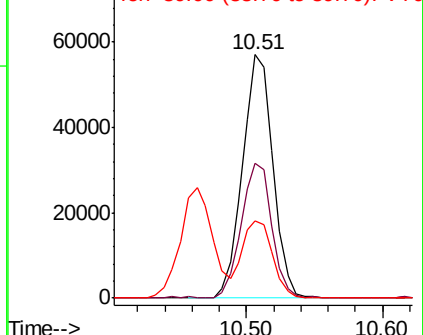
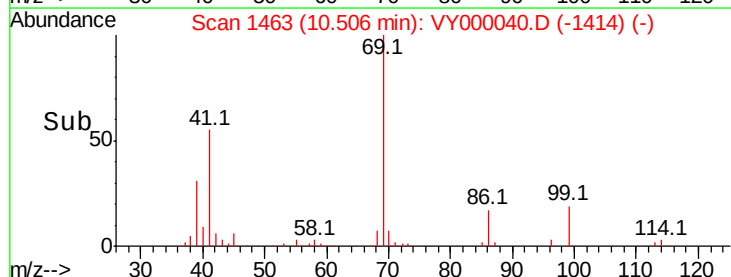
#56
 Ethyl methacrylate
 Concen: 48.649 ug/l
 RT: 10.51 min Scan# 1463
 Delta R.T. -0.00 min
 Lab File: VY000040.D
 Acq: 13 Sep 2019 14:33

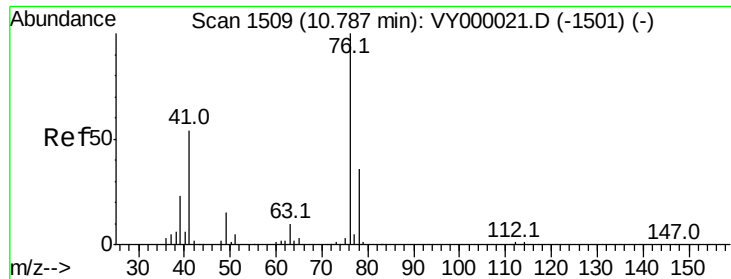
Tgt Ion: 69 Resp: 88937

Ion	Ratio	Lower	Upper
69	100		
41	56.1	47.0	70.4
39	31.8	26.4	39.6



Abundance Ion 69.00 (68.70 to 69.70): VY0
 Ion 41.00 (40.70 to 41.70): VY0
 Ion 39.00 (38.70 to 39.70): VY0





#57

1,3-Dichloropropane

Concen: 48.824 ug/l

RT: 10.79 min Scan# 1509

Delta R.T. -0.00 min

Lab File: VY000040.D

Acq: 13 Sep 2019 14:33

Instrument :

MSVOA_Y

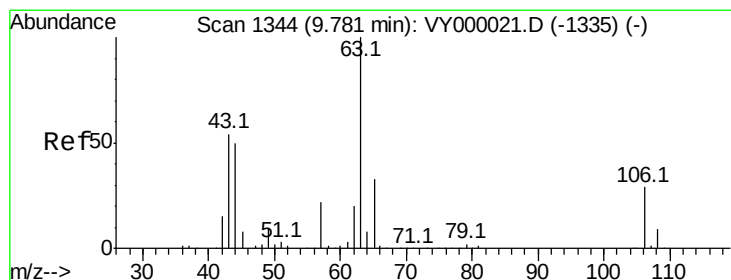
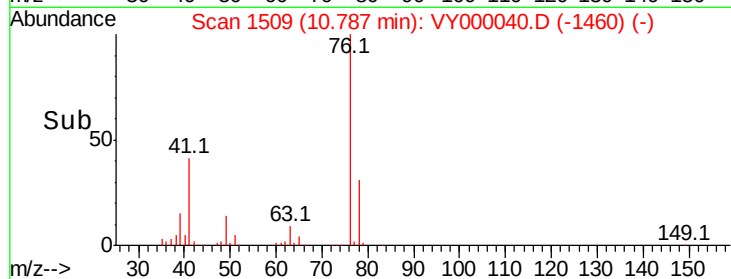
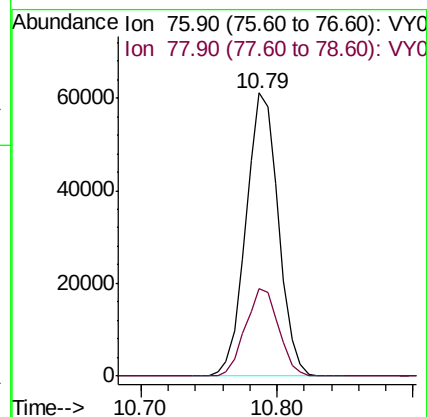
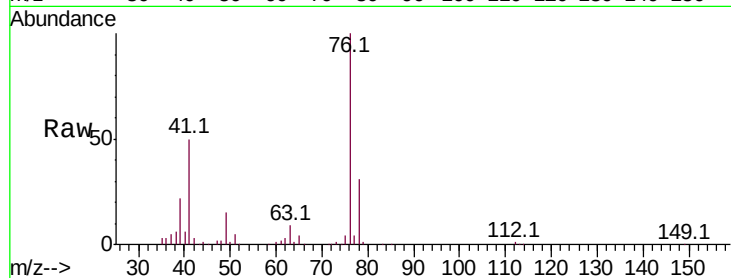
ClientSampleId :

Tot Ion: 76 Resp: 101711

Ion Ratio Lower Upper

76 100

78 31.8 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 238.666 ug/l

RT: 9.78 min Scan# 1344

Delta R.T. -0.00 min

Lab File: VY000040.D

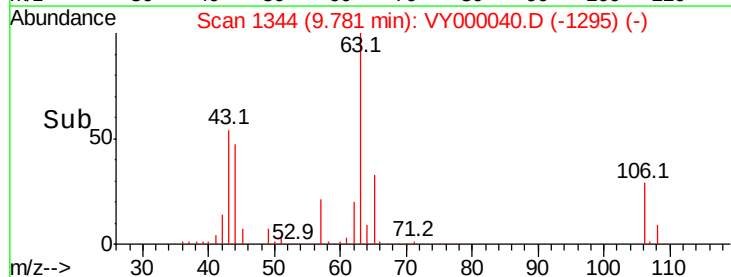
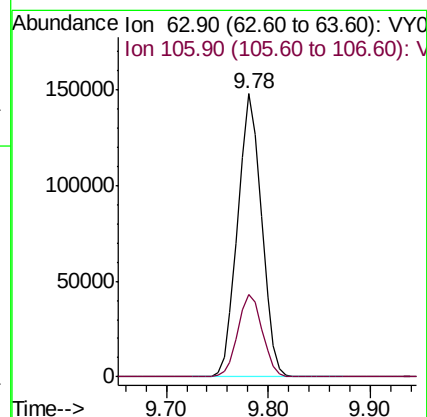
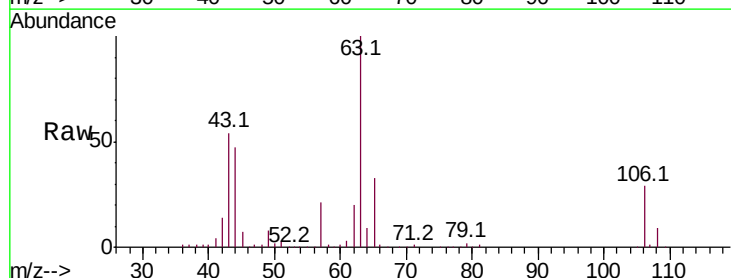
Acq: 13 Sep 2019 14:33

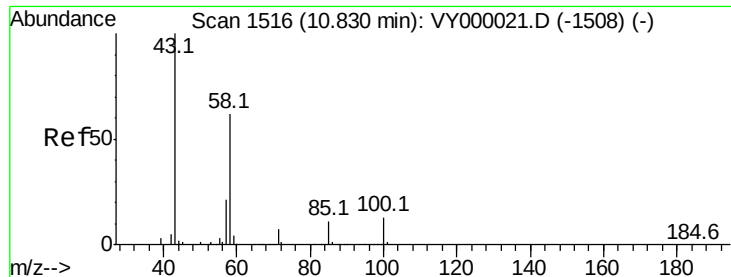
Tgt Ion: 63 Resp: 238999

Ion Ratio Lower Upper

63 100

106 29.8 23.7 35.5





#59

2-Hexanone

Concen: 228.633 ug/l

RT: 10.83 min Scan# 1516

Delta R.T. -0.00 min

Lab File: VY000040.D

Acq: 13 Sep 2019 14:33

Instrument :

MSVOA_Y

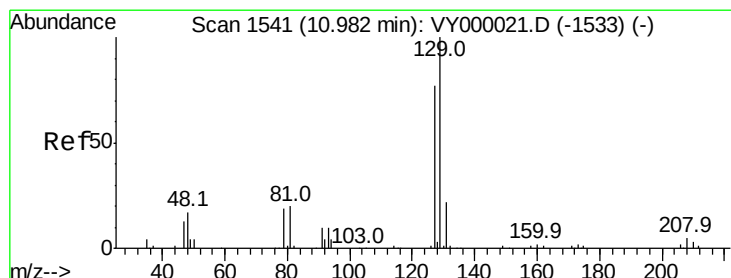
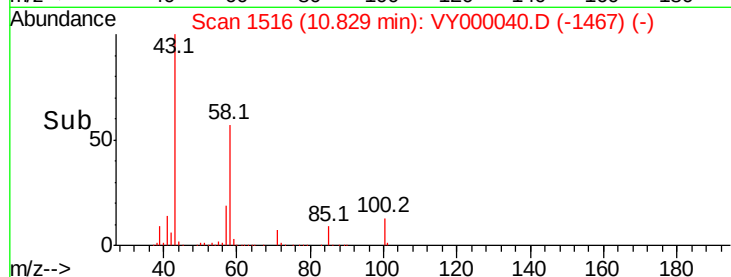
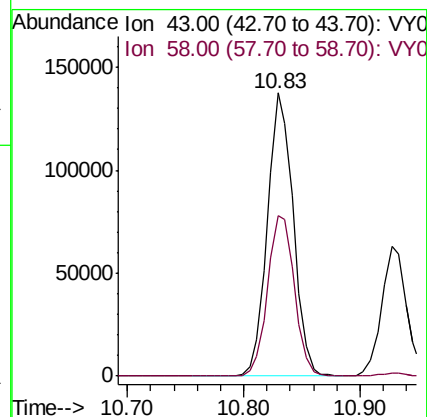
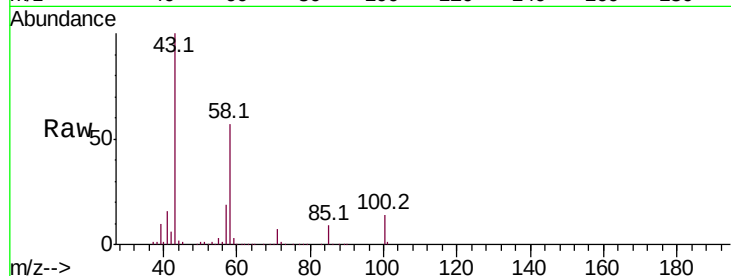
ClientSampled :

Tot Ion: 43 Resp: 212845

Ion Ratio Lower Upper

43 100

58 58.6 30.3 90.8



#60

Dibromochloromethane

Concen: 49.220 ug/l

RT: 10.98 min Scan# 1541

Delta R.T. -0.00 min

Lab File: VY000040.D

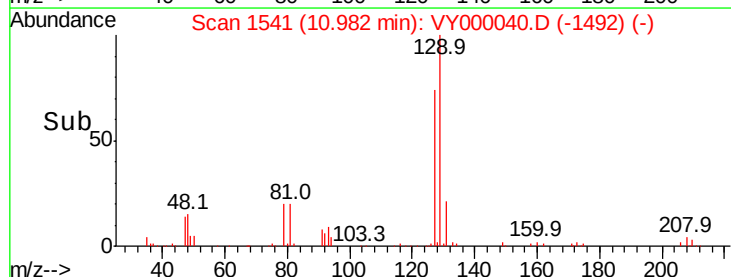
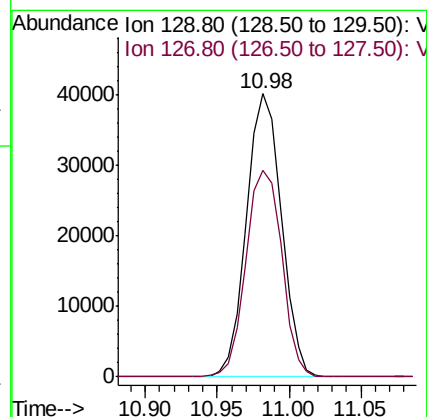
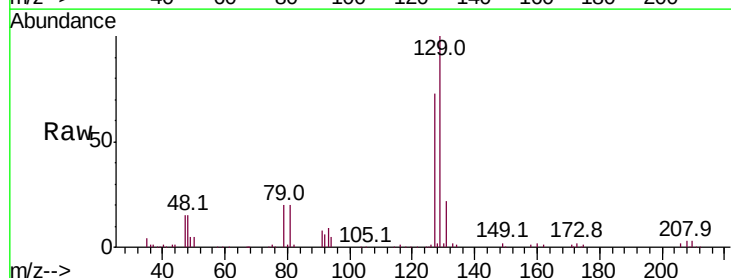
Acq: 13 Sep 2019 14:33

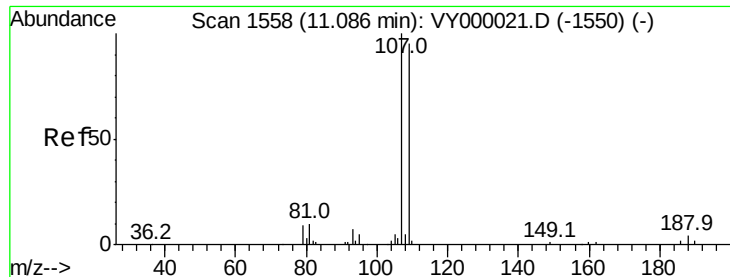
Tgt Ion: 129 Resp: 67557

Ion Ratio Lower Upper

129 100

127 74.7 38.4 115.2

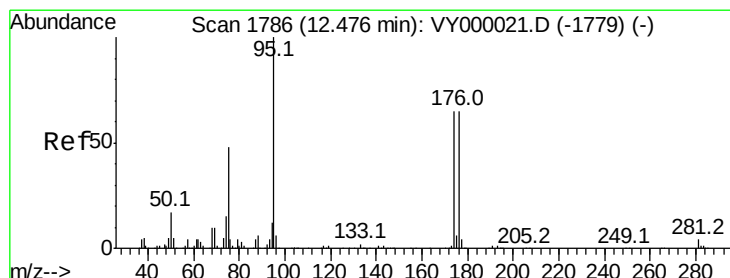
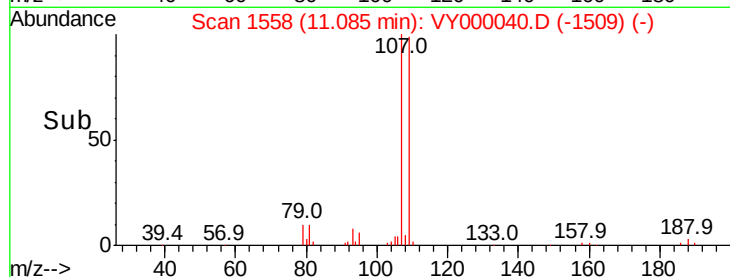
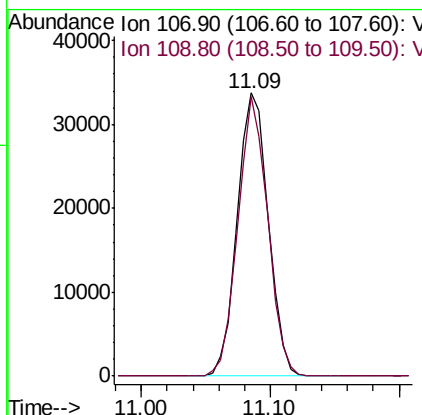
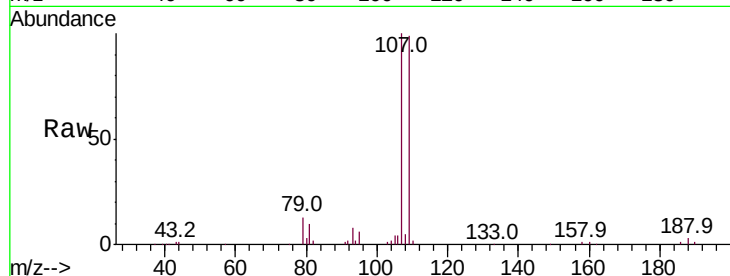




#61
 1,2-Dibromoethane
 Concen: 48.855 ug/l
 RT: 11.09 min Scan# 1558
 Delta R.T. -0.00 min
 Lab File: VY000040.D
 Acq: 13 Sep 2019 14:33

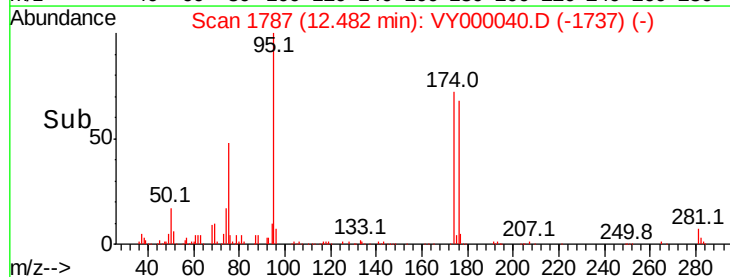
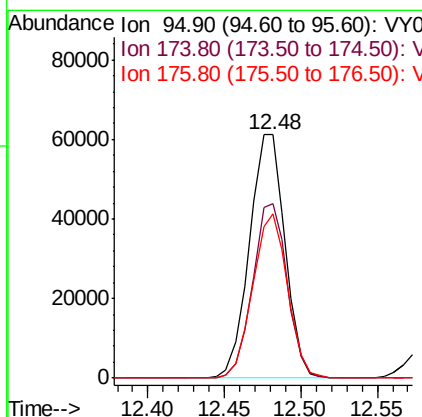
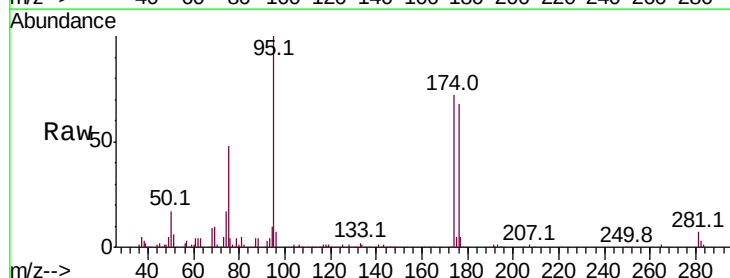
Instrument :
 MSVOA_Y
 ClientSampleId :

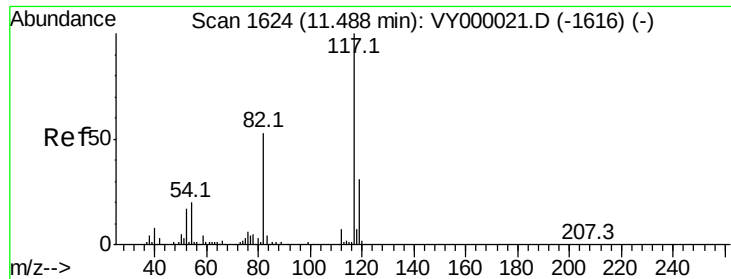
Tot Ion:107 Resp: 56209
 Ion Ratio Lower Upper
 107 100
 109 94.6 76.7 115.1



#62
 4-Bromofluorobenzene
 Concen: 48.935 ug/l
 RT: 12.48 min Scan# 1787
 Delta R.T. 0.01 min
 Lab File: VY000040.D
 Acq: 13 Sep 2019 14:33

Tgt Ion: 95 Resp: 98721
 Ion Ratio Lower Upper
 95 100
 174 69.7 0.0 137.6
 176 66.1 0.0 134.8

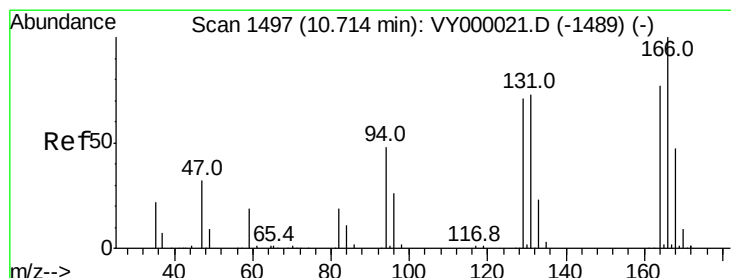
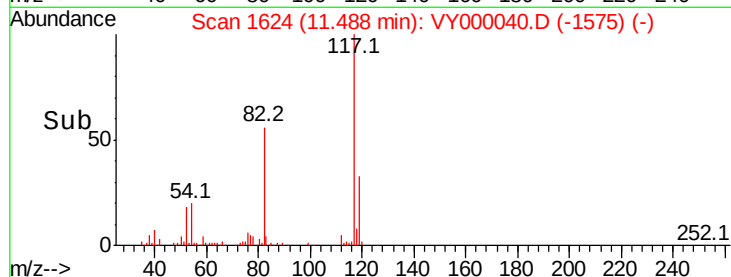
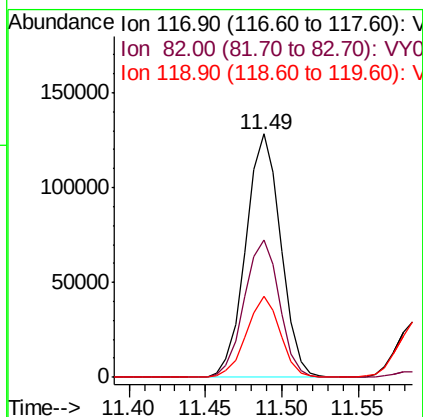
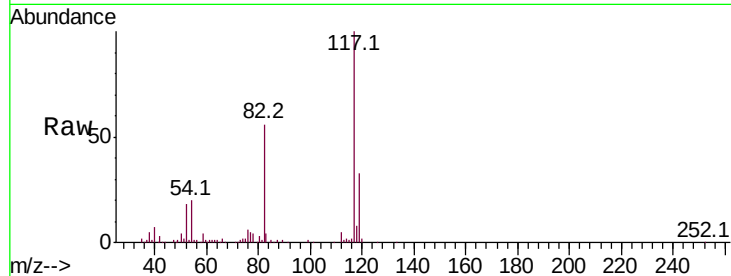




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1624
Delta R.T. -0.00 min
Lab File: VY000040.D
Acq: 13 Sep 2019 14:33

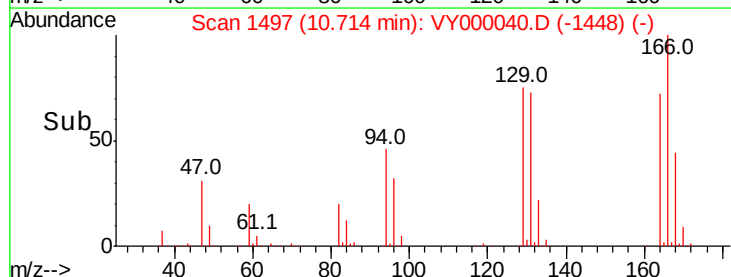
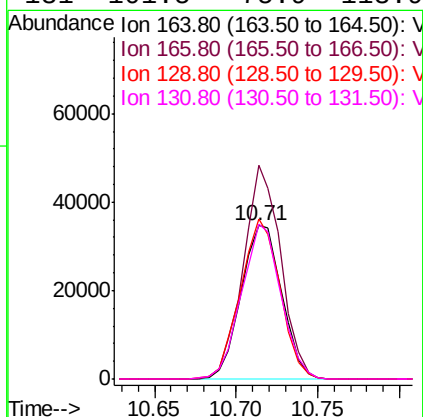
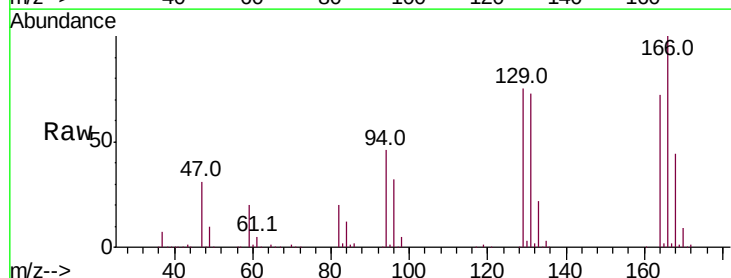
Instrument :
MSVOA_Y
ClientSampled :

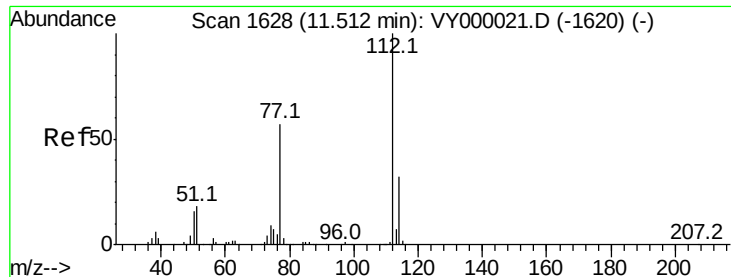
Tot Ion:117 Resp: 204506
Ion Ratio Lower Upper
117 100
82 56.4 42.5 63.7
119 33.4 25.1 37.7



#64
Tetrachloroethene
Concen: 47.709 ug/l
RT: 10.71 min Scan# 1497
Delta R.T. -0.00 min
Lab File: VY000040.D
Acq: 13 Sep 2019 14:33

Tgt Ion:164 Resp: 59832
Ion Ratio Lower Upper
164 100
166 139.6 103.4 155.0
129 104.3 73.4 110.0
131 101.5 75.9 113.9





#65

Chlorobenzene

Concen: 49.718 ug/l

RT: 11.51 min Scan# 1628

Delta R.T. -0.00 min

Lab File: VY000040.D

Acq: 13 Sep 2019 14:33

Instrument :

MSVOA_Y

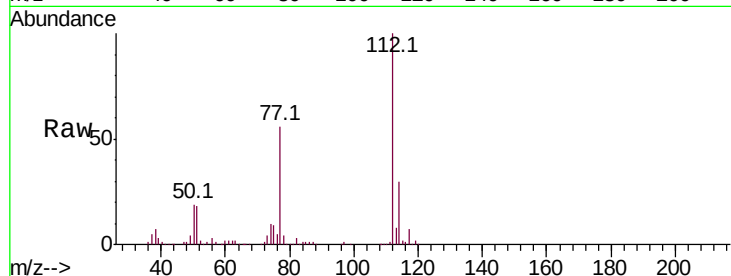
ClientSampleId :

Tot Ion:112 Resp: 193744

Ion Ratio Lower Upper

112 100

114 30.5 25.4 38.2



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

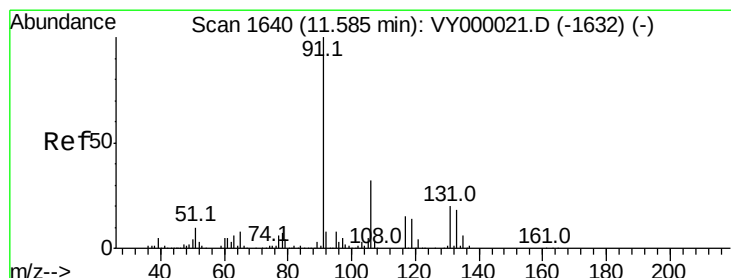
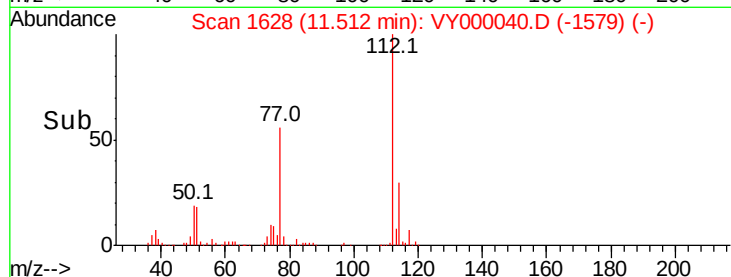
11.51

100000

50000

0

Time--> 11.45 11.50 11.55 11.60



#66

1,1,1,2-Tetrachloroethane

Concen: 49.349 ug/l

RT: 11.59 min Scan# 1640

Delta R.T. -0.00 min

Lab File: VY000040.D

Acq: 13 Sep 2019 14:33

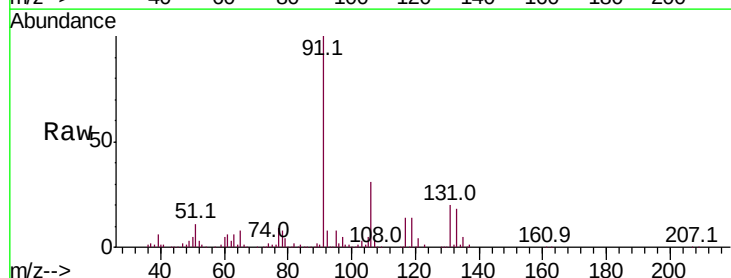
Tgt Ion:131 Resp: 66632

Ion Ratio Lower Upper

131 100

133 92.2 47.2 141.6

119 70.0 35.4 106.3



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

11.59

50000

40000

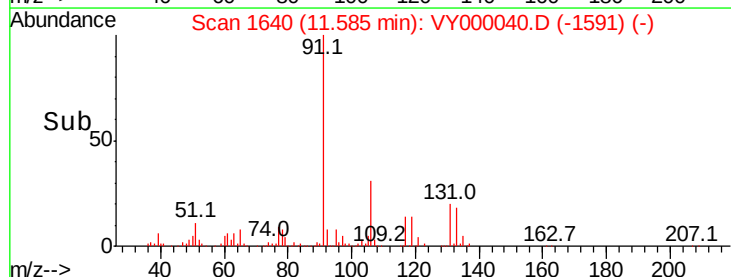
30000

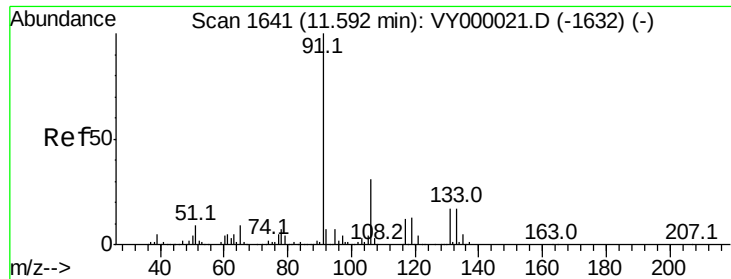
20000

10000

0

Time--> 11.50 11.55 11.60 11.65





#67

Ethyl Benzene

Concen: 48.573 ug/l

RT: 11.59 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VY000040.D

Acq: 13 Sep 2019 14:33

Instrument :

MSVOA_Y

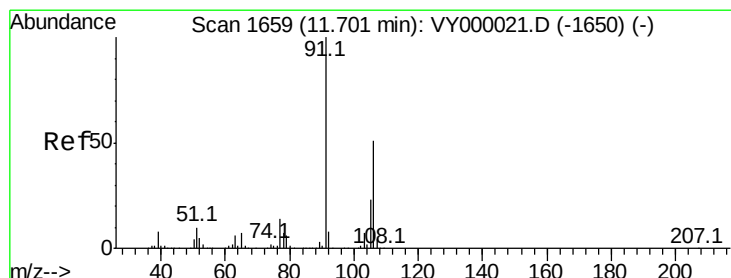
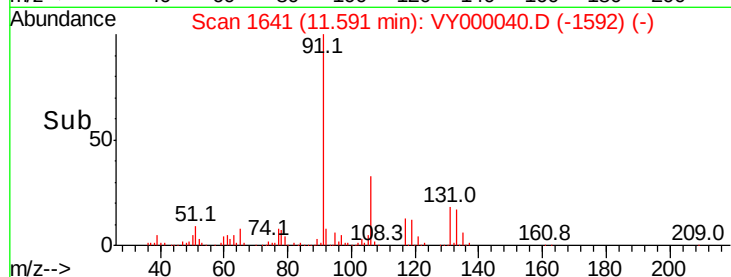
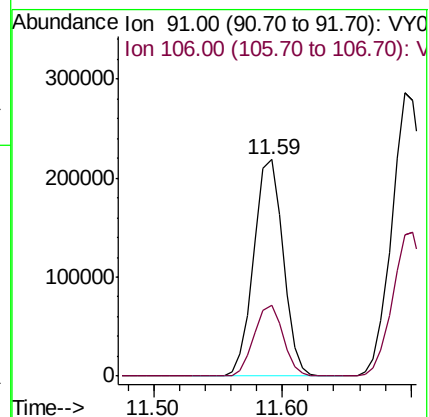
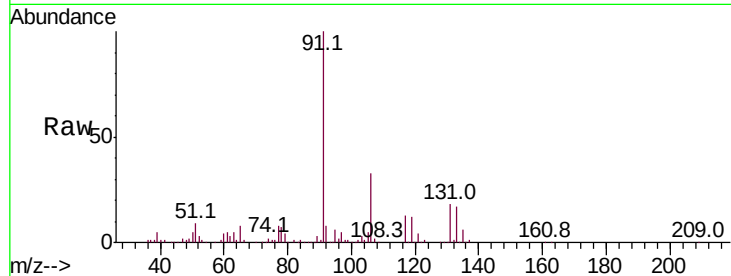
ClientSampleId :

Tot Ion: 91 Resp: 343866

Ion Ratio Lower Upper

91 100

106 32.9 24.6 37.0



#68

m/p-Xylenes

Concen: 98.375 ug/l

RT: 11.70 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VY000040.D

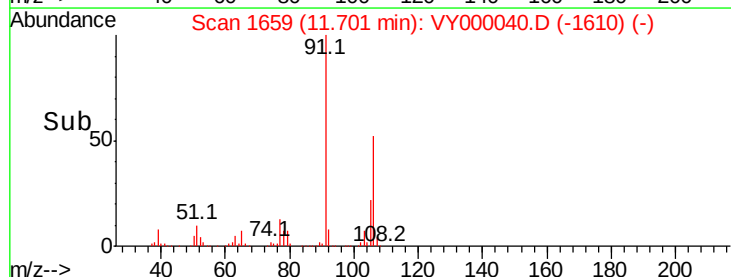
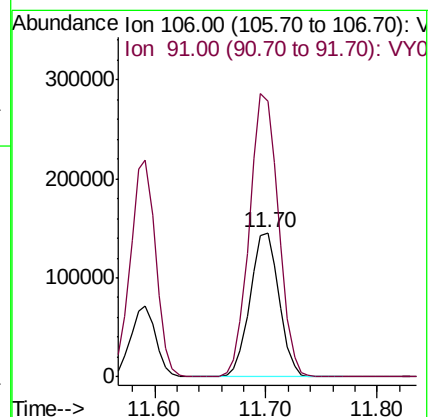
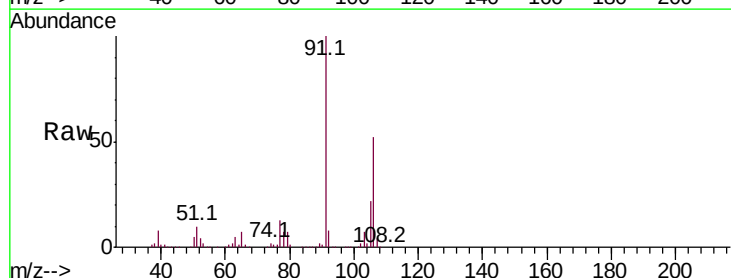
Acq: 13 Sep 2019 14:33

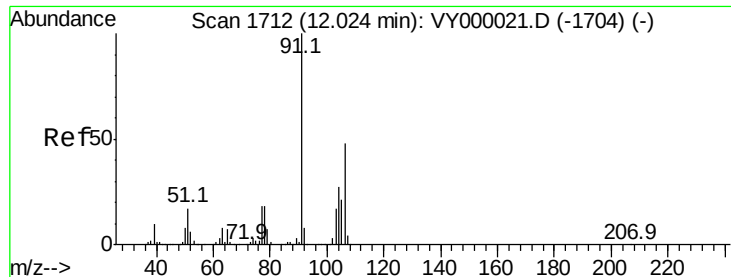
Tgt Ion: 106 Resp: 262802

Ion Ratio Lower Upper

106 100

91 197.6 158.5 237.7

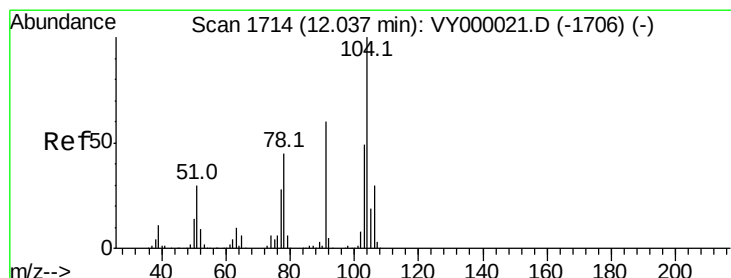
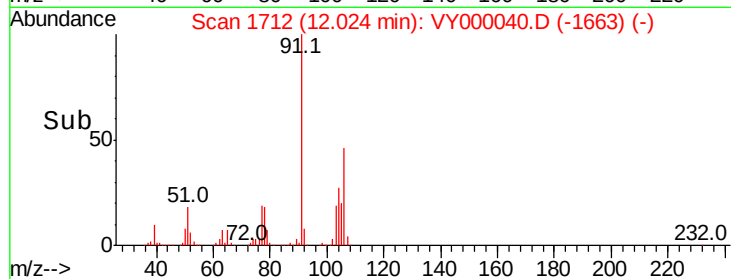
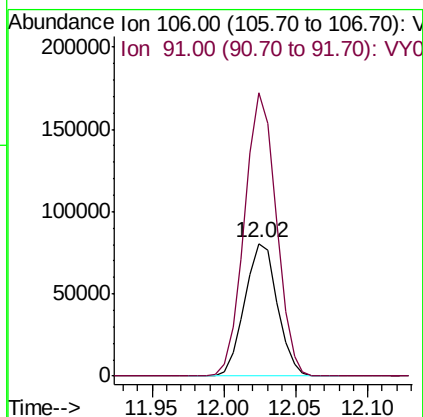
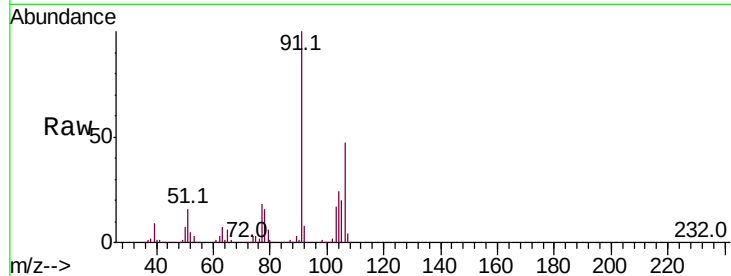




#69
o-Xylene
Concen: 48.300 ug/l
RT: 12.02 min Scan# 1712
Delta R.T. -0.00 min
Lab File: VY000040.D
Acq: 13 Sep 2019 14:33

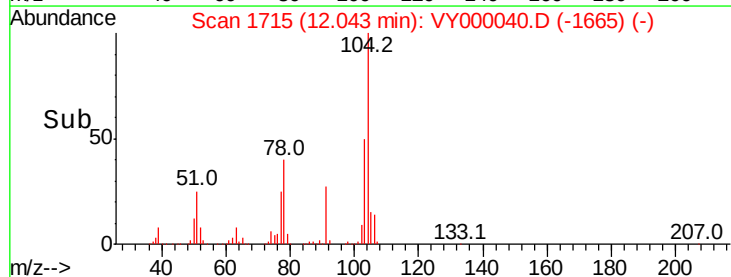
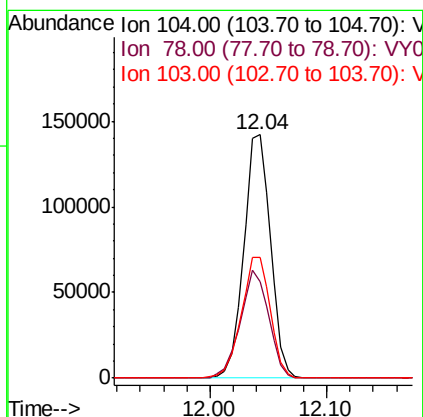
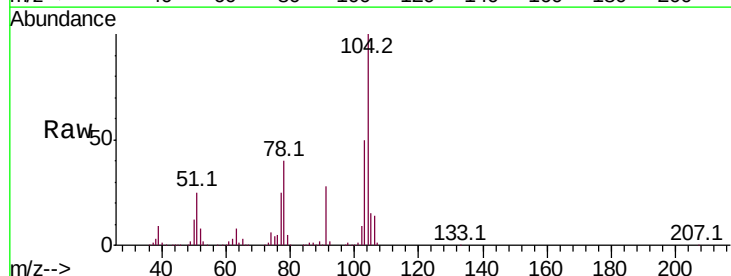
Instrument :
MSVOA_Y
ClientSampleId :

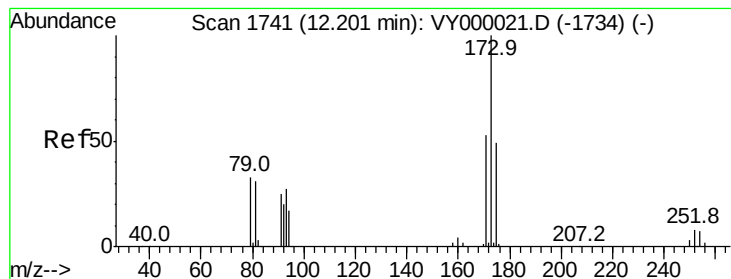
Tot Ion:106 Resp: 126462
Ion Ratio Lower Upper
106 100
91 207.9 104.0 312.0



#70
Styrene
Concen: 49.869 ug/l
RT: 12.04 min Scan# 1715
Delta R.T. 0.01 min
Lab File: VY000040.D
Acq: 13 Sep 2019 14:33

Tgt Ion:104 Resp: 227133
Ion Ratio Lower Upper
104 100
78 47.3 38.0 57.0
103 53.8 42.4 63.6





#71

Bromoform

Concen: 48.539 ug/l

RT: 12.21 min Scan# 1742

Delta R.T. 0.01 min

Lab File: VY000040.D

Acq: 13 Sep 2019 14:33

Instrument :

MSVOA_Y

ClientSampleId :

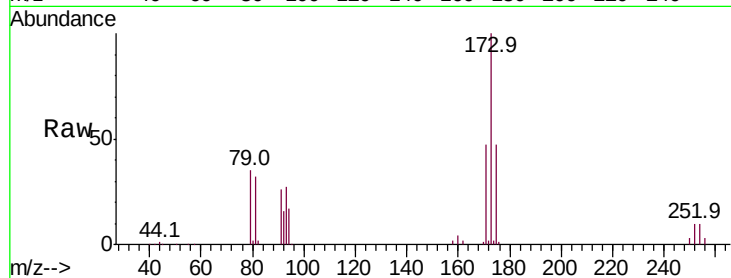
Tot Ion:173 Resp: 39572

Ion Ratio Lower Upper

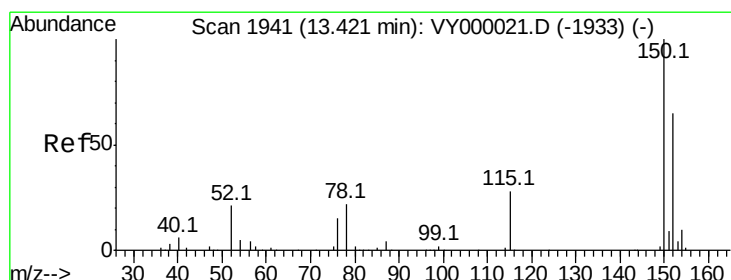
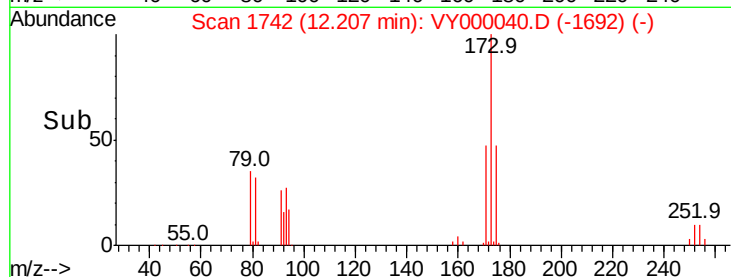
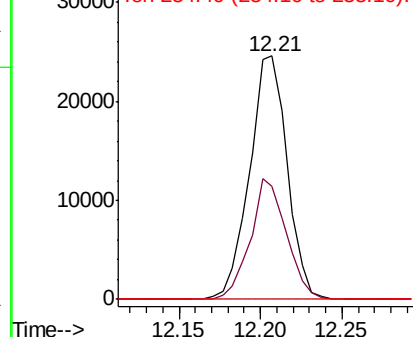
173 100

175 47.4 25.1 75.4

254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1941

Delta R.T. -0.00 min

Lab File: VY000040.D

Acq: 13 Sep 2019 14:33

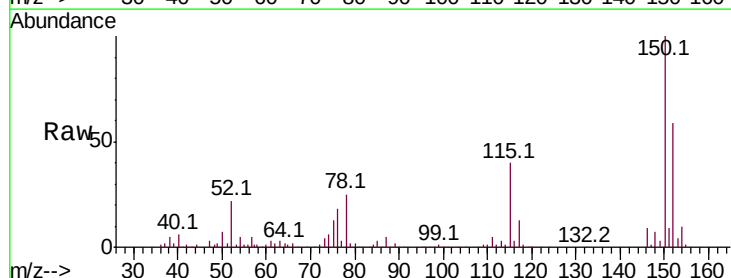
Tgt Ion:152 Resp: 90657

Ion Ratio Lower Upper

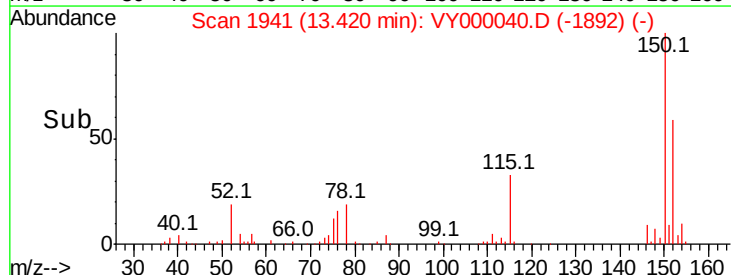
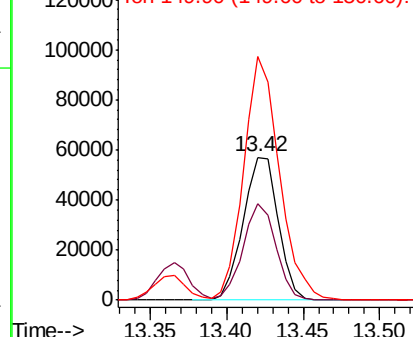
152 100

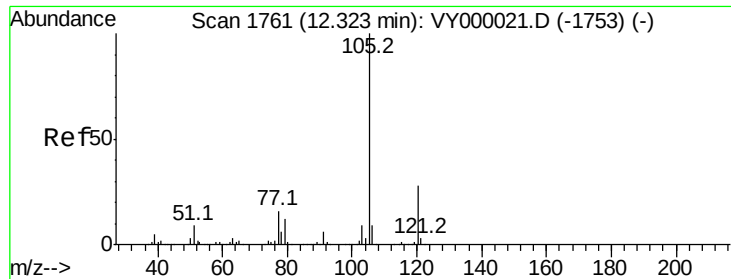
115 63.8 29.4 88.2

150 173.7 0.0 349.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

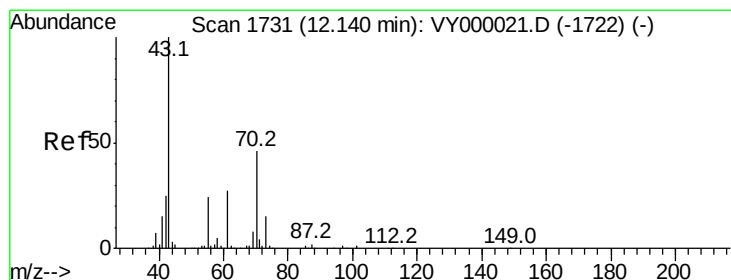
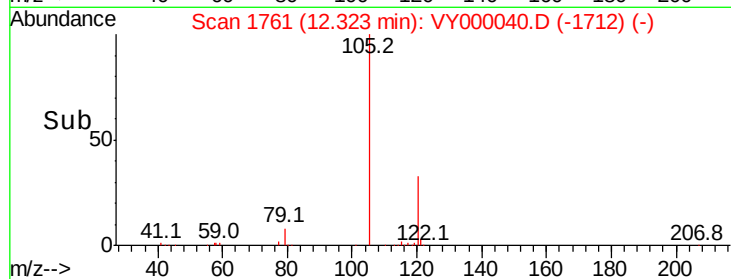
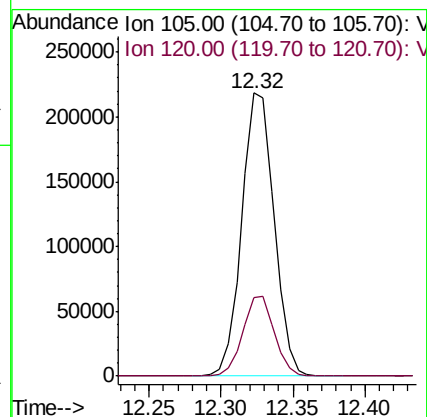
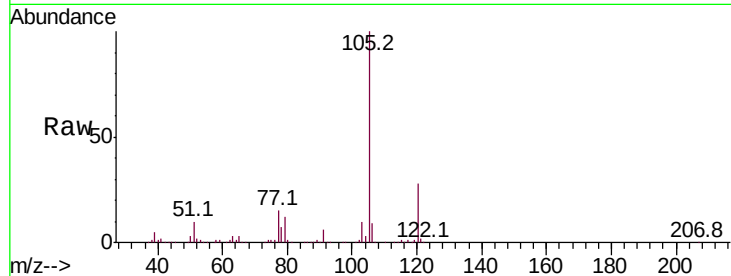




#73
Isopropylbenzene
Concen: 49.047 ug/l
RT: 12.32 min Scan# 1761
Delta R.T. -0.00 min
Lab File: VY000040.D
Acq: 13 Sep 2019 14:33

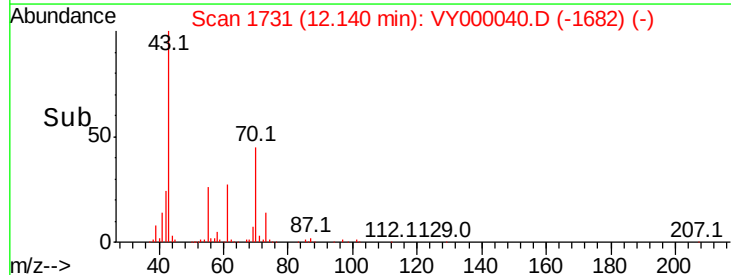
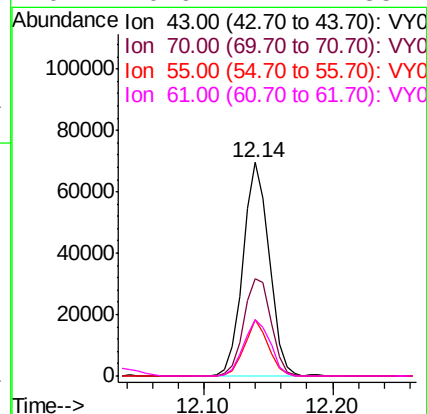
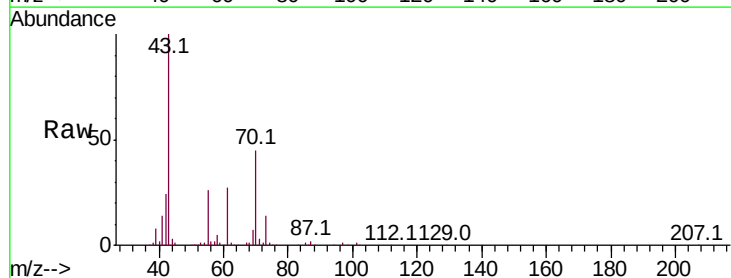
Instrument :
MSVOA_Y
ClientSampleId :

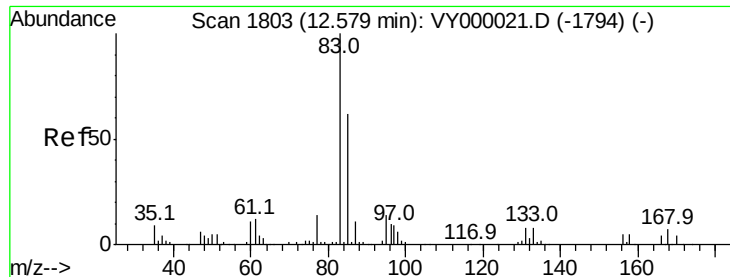
Tot Ion:105 Resp: 339744
Ion Ratio Lower Upper
105 100
120 27.4 13.9 41.6



#74
N-ethyl acetate
Concen: 47.768 ug/l
RT: 12.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VY000040.D
Acq: 13 Sep 2019 14:33

Tgt Ion: 43 Resp: 97673
Ion Ratio Lower Upper
43 100
70 47.3 38.1 57.1
55 24.0 18.7 28.1
61 26.9 22.1 33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 48.036 ug/l

RT: 12.58 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VY000040.D

Acq: 13 Sep 2019 14:33

Instrument :

MSVOA_Y

ClientSampleId :

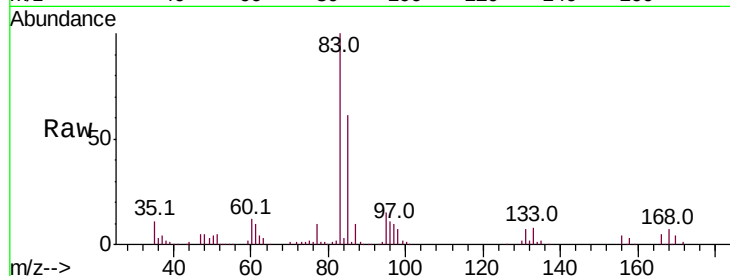
Tot Ion: 83 Resp: 79556

Ion Ratio Lower Upper

83 100

131 8.5 4.6 13.8

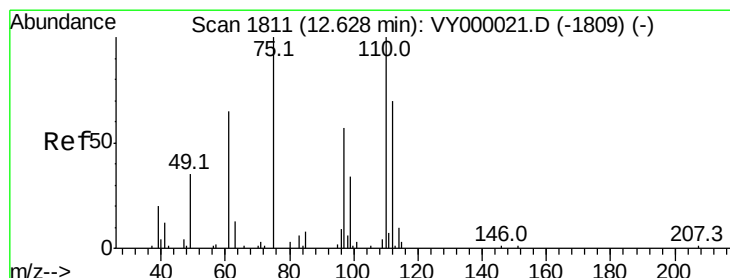
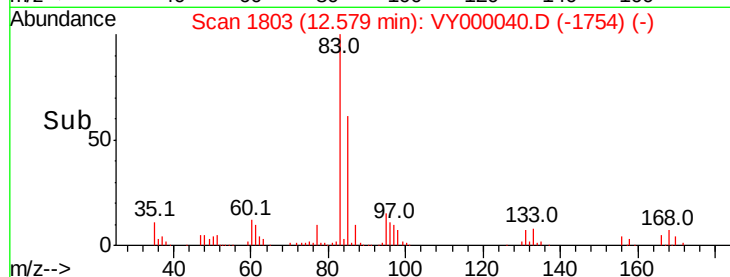
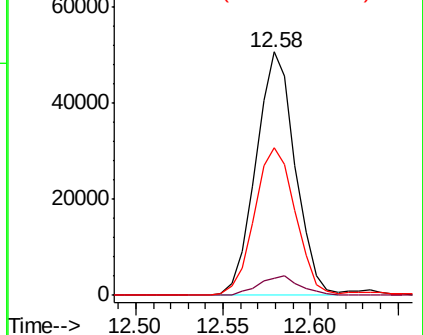
85 63.6 31.8 95.3



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 130.80 (130.50 to 131.50): VY0

Ion 84.90 (84.60 to 85.60): VY0



#76

1,2,3-Trichloropropane

Concen: 81.888 ug/l

RT: 12.63 min Scan# 1812

Delta R.T. 0.01 min

Lab File: VY000040.D

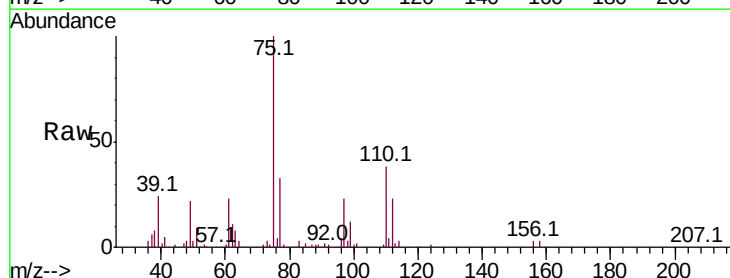
Acq: 13 Sep 2019 14:33

Tgt Ion: 75 Resp: 103112

Ion Ratio Lower Upper

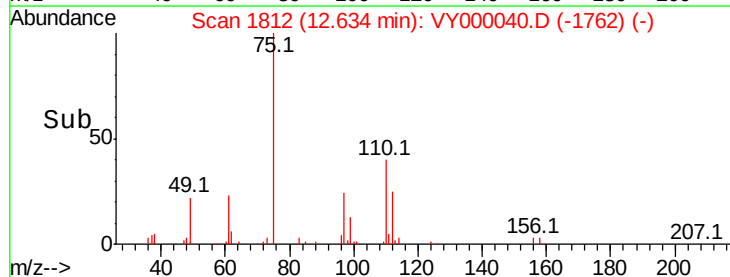
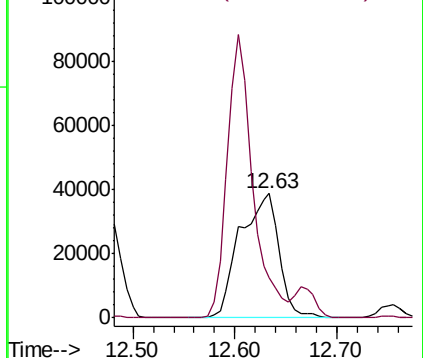
75 100

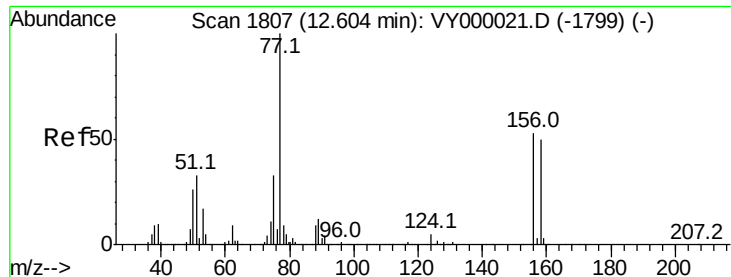
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 48.307 ug/l

RT: 12.60 min Scan# 1807

Delta R.T. -0.00 min

Lab File: VY000040.D

Acq: 13 Sep 2019 14:33

Instrument :

MSVOA_Y

ClientSampled :

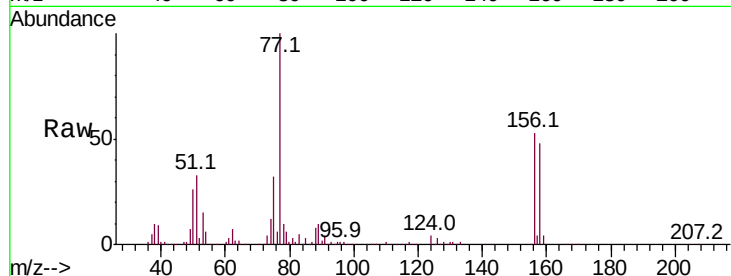
Tot Ion:156 Resp: 70783

Ion Ratio Lower Upper

156 100

77 217.3 106.0 317.9

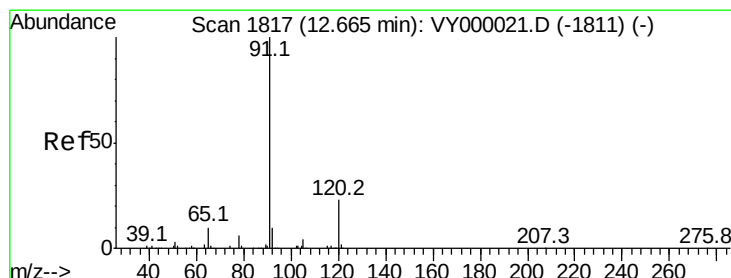
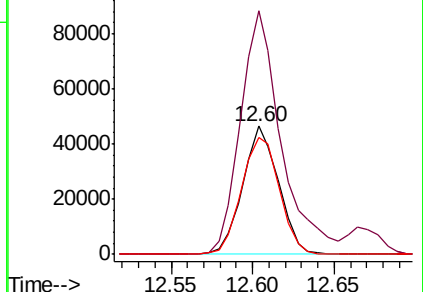
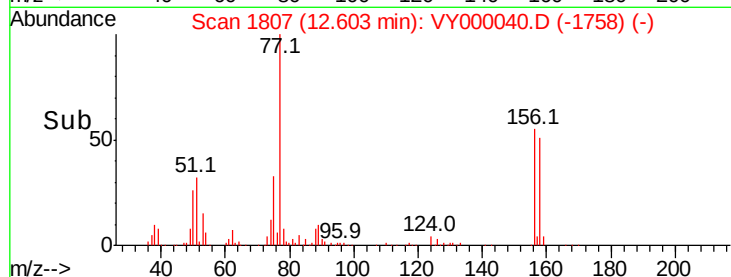
158 97.2 47.3 141.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 49.095 ug/l

RT: 12.67 min Scan# 1818

Delta R.T. 0.01 min

Lab File: VY000040.D

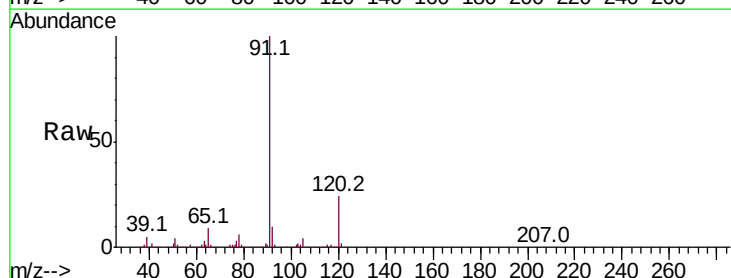
Acq: 13 Sep 2019 14:33

Tgt Ion: 91 Resp: 415596

Ion Ratio Lower Upper

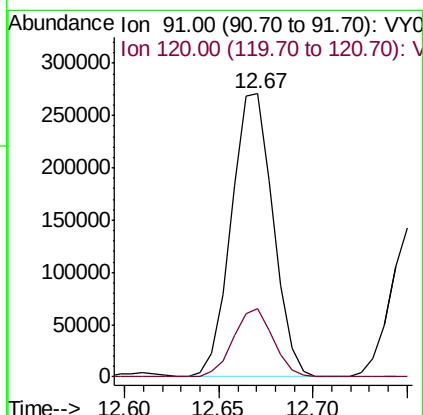
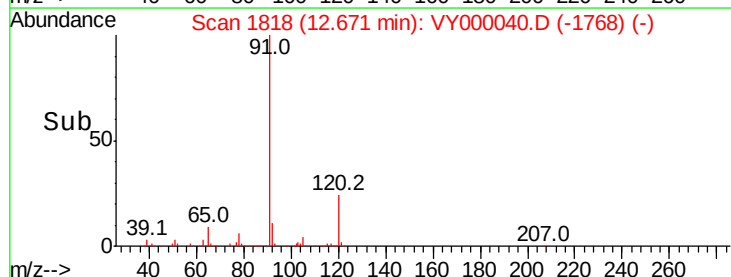
91 100

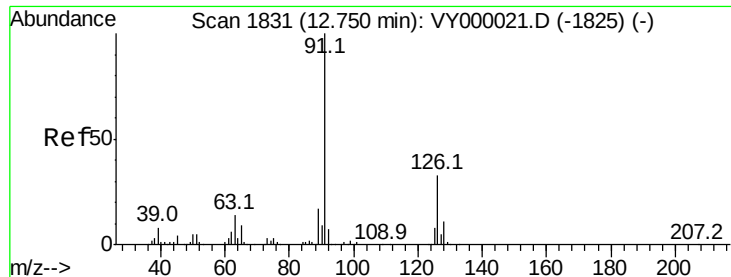
120 23.0 11.6 34.7



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.309 ug/l

RT: 12.76 min Scan# 1832

Delta R.T. 0.01 min

Lab File: VY000040.D

Acq: 13 Sep 2019 14:33

Instrument :

MSVOA_Y

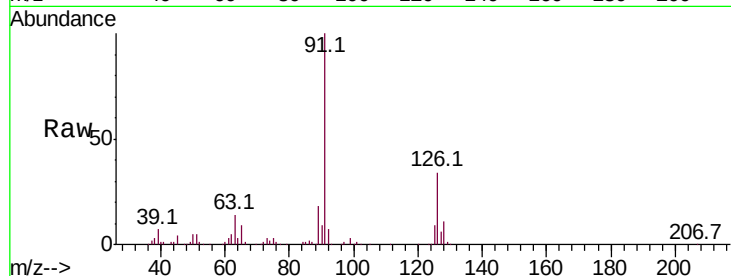
ClientSampleId :

Tot Ion: 91 Resp: 233408

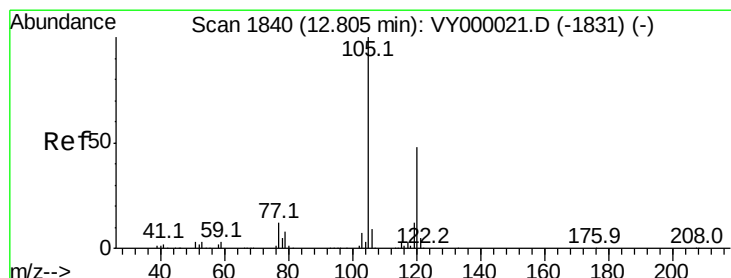
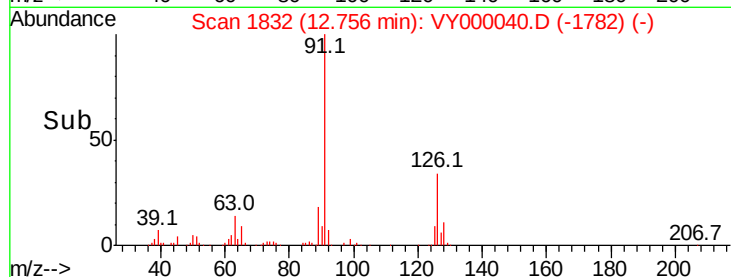
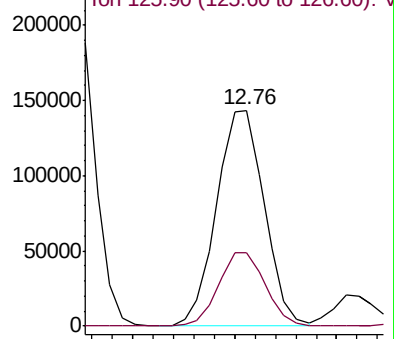
Ion Ratio Lower Upper

91 100

126 33.8 16.9 50.7



Abundance Ion 91.00 (90.70 to 91.70): VY000021.D (-1825) (-)



#80

1,3,5-Trimethylbenzene

Concen: 48.570 ug/l

RT: 12.81 min Scan# 1841

Delta R.T. 0.01 min

Lab File: VY000040.D

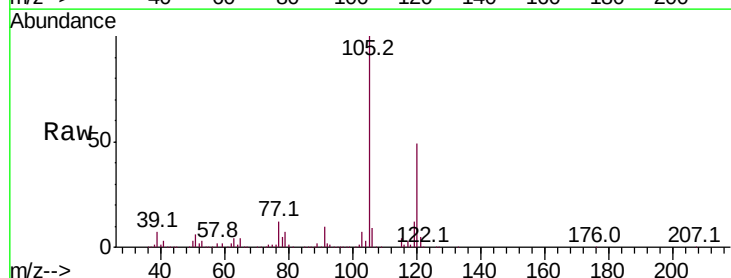
Acq: 13 Sep 2019 14:33

Tgt Ion:105 Resp: 280918

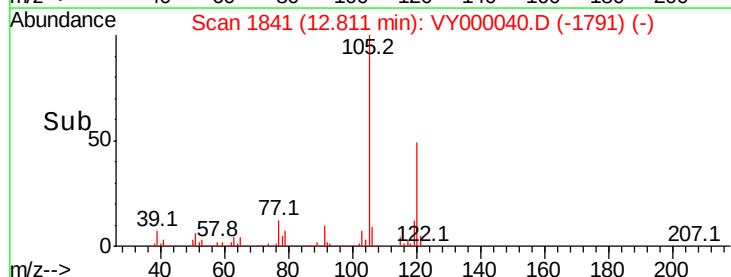
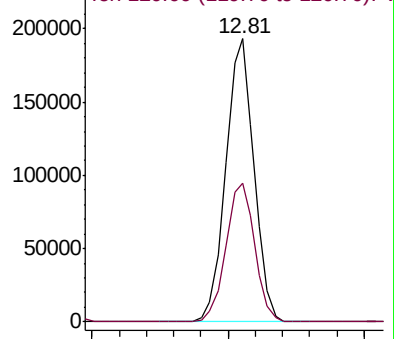
Ion Ratio Lower Upper

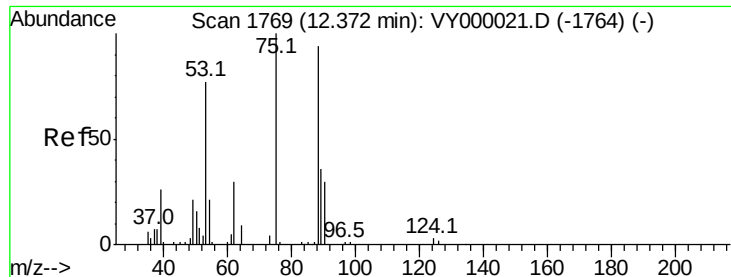
105 100

120 50.1 24.3 73.0



Abundance Ion 105.00 (104.70 to 105.70): VY000021.D (-1831) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 47.902 ug/l

RT: 12.38 min Scan# 1770

Delta R.T. 0.01 min

Lab File: VY000040.D

Acq: 13 Sep 2019 14:33

Instrument :

MSVOA_Y

ClientSampleId :

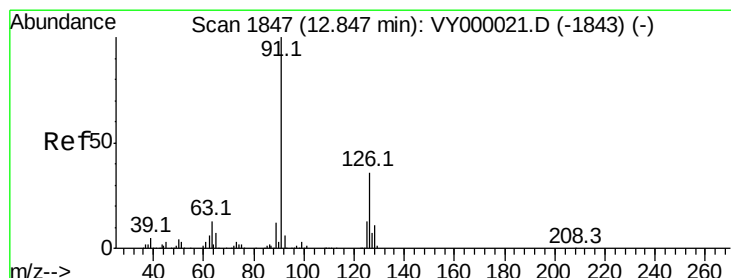
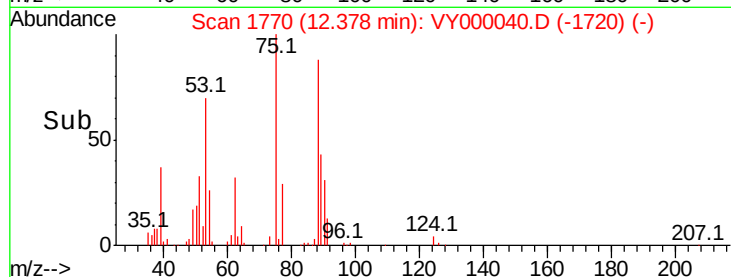
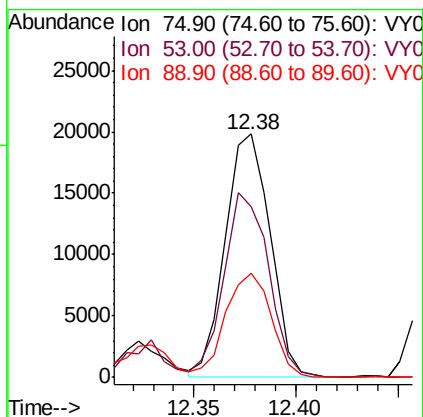
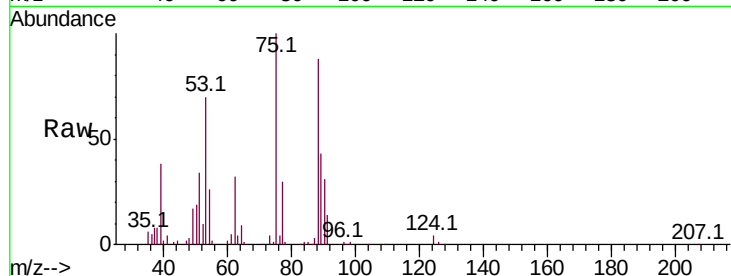
Tot Ion: 75 Resp: 30409

Ion Ratio Lower Upper

75 100

53 75.4 64.2 96.2

89 43.5 35.5 53.3



#82

4-Chlorotoluene

Concen: 48.048 ug/l

RT: 12.85 min Scan# 1848

Delta R.T. 0.01 min

Lab File: VY000040.D

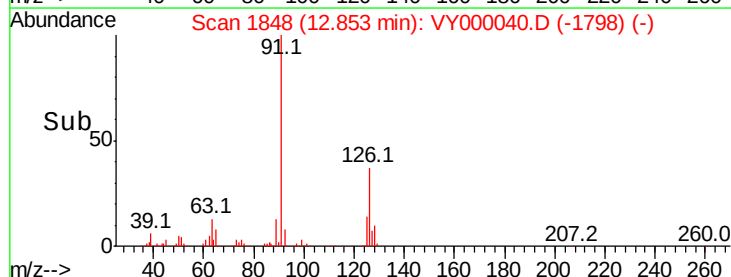
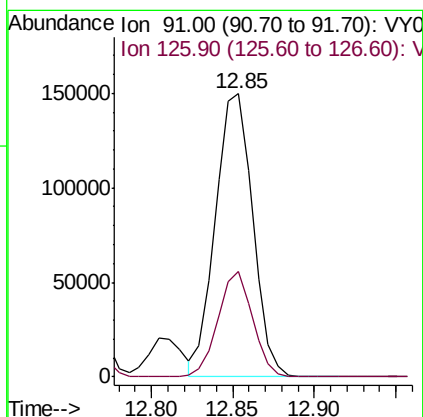
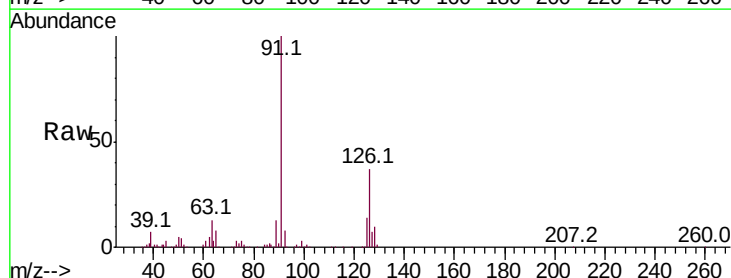
Acq: 13 Sep 2019 14:33

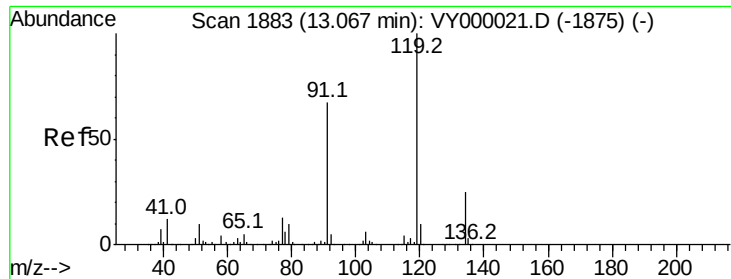
Tgt Ion: 91 Resp: 238701

Ion Ratio Lower Upper

91 100

126 34.4 17.2 51.5

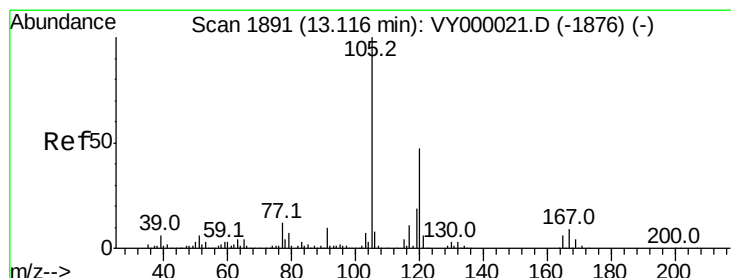
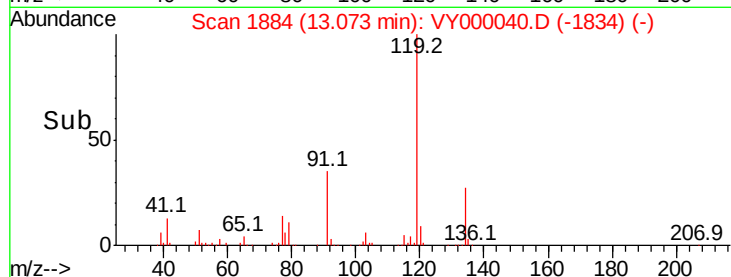
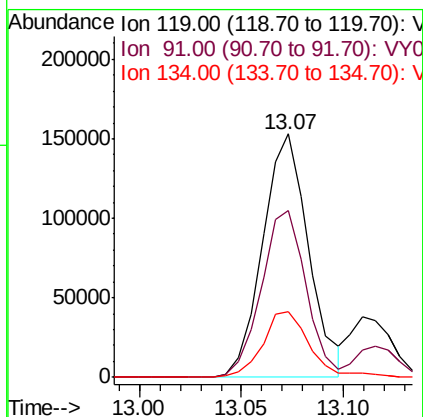
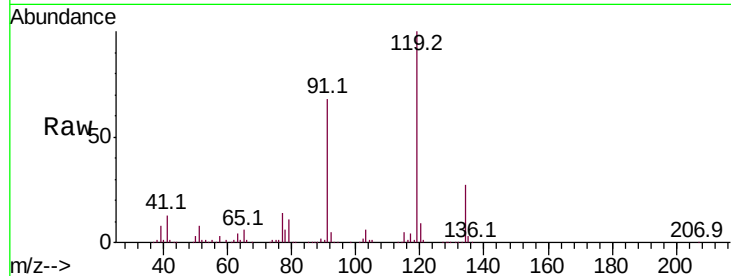




#83
 tert-Butylbenzene
 Concen: 48.249 ug/l
 RT: 13.07 min Scan# 1884
 Delta R.T. 0.01 min
 Lab File: VY000040.D
 Acq: 13 Sep 2019 14:33

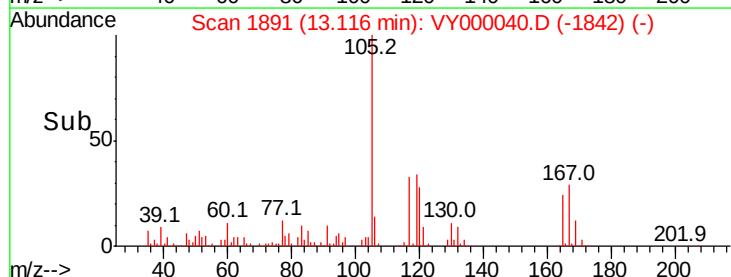
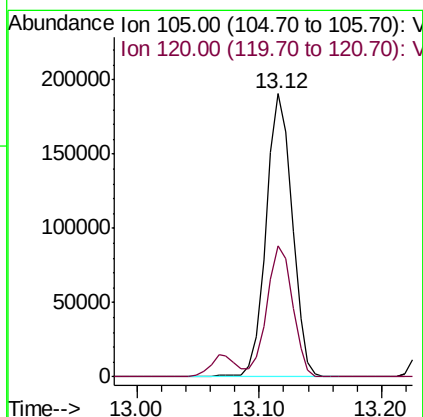
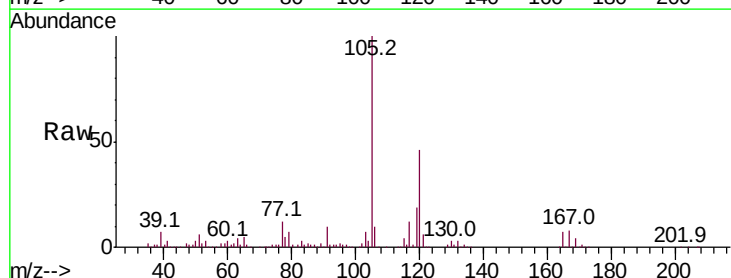
Instrument :
 MSVOA_Y
 ClientSampled :

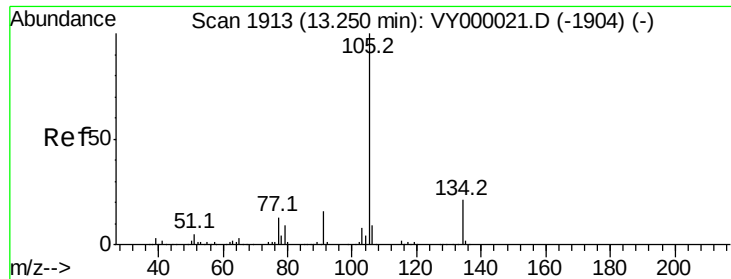
Tot Ion:119 Resp: 239776
 Ion Ratio Lower Upper
 119 100
 91 67.1 33.1 99.5
 134 27.6 13.5 40.5



#84
 1,2,4-Trimethylbenzene
 Concen: 49.601 ug/l
 RT: 13.12 min Scan# 1891
 Delta R.T. -0.00 min
 Lab File: VY000040.D
 Acq: 13 Sep 2019 14:33

Tgt Ion:105 Resp: 283381
 Ion Ratio Lower Upper
 105 100
 120 46.2 23.1 69.3





#85

sec-Butylbenzene

Concen: 48.979 ug/l

RT: 13.25 min Scan# 1913

Delta R.T. -0.00 min

Lab File: VY000040.D

Acq: 13 Sep 2019 14:33

Instrument :

MSVOA_Y

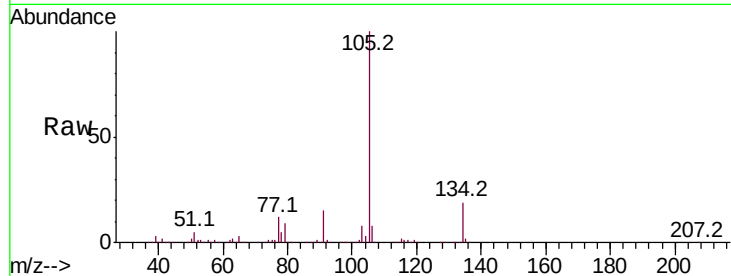
ClientSampled :

Tot Ion:105 Resp: 359214

Ion Ratio Lower Upper

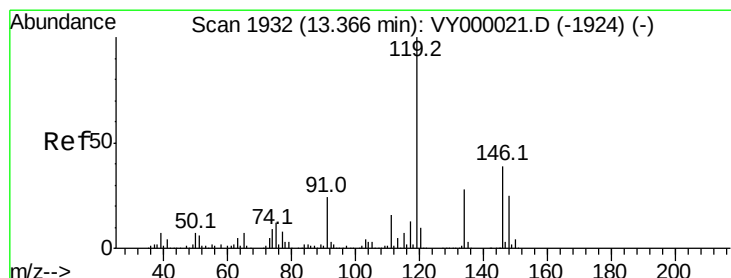
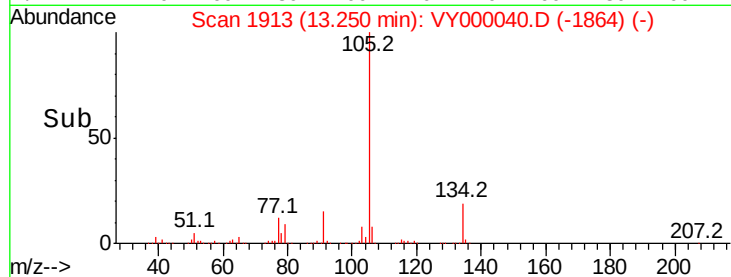
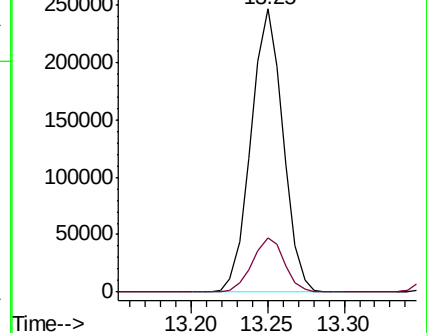
105 100

134 19.4 10.1 30.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 48.881 ug/l

RT: 13.37 min Scan# 1932

Delta R.T. -0.00 min

Lab File: VY000040.D

Acq: 13 Sep 2019 14:33

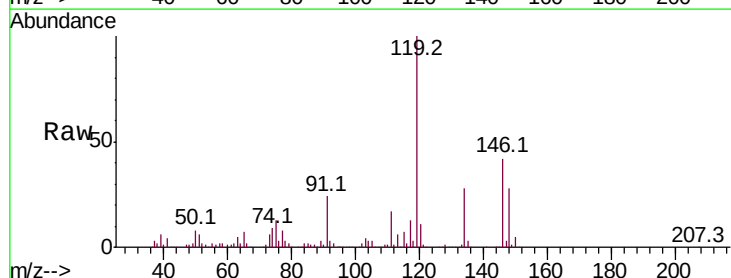
Tgt Ion:119 Resp: 304115

Ion Ratio Lower Upper

119 100

134 26.8 13.8 41.3

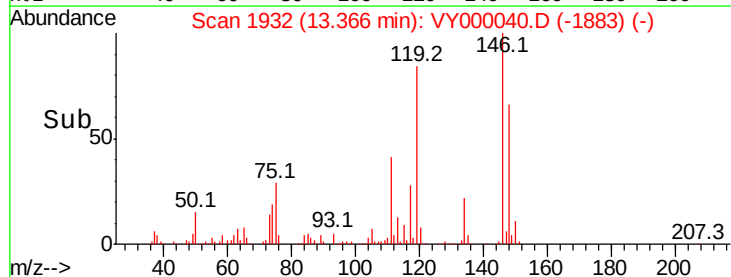
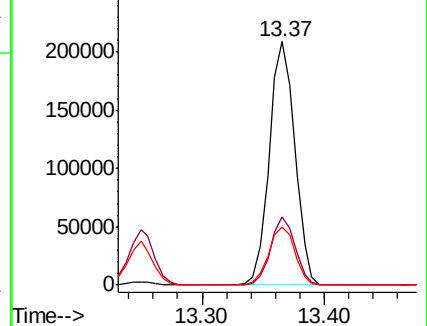
91 24.3 12.4 37.2

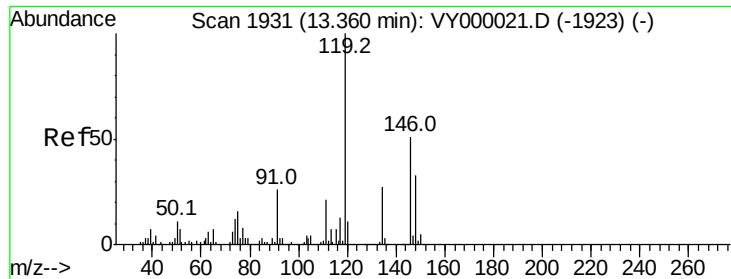


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

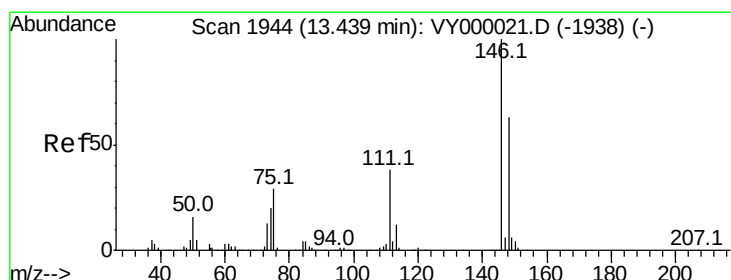
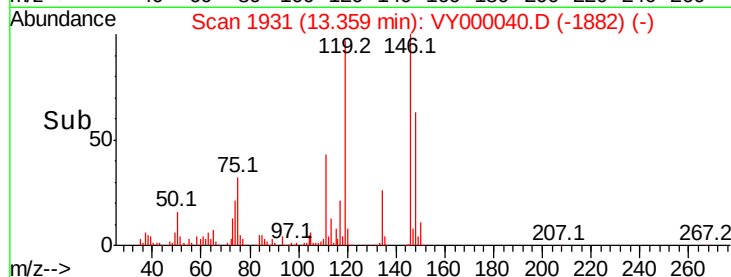
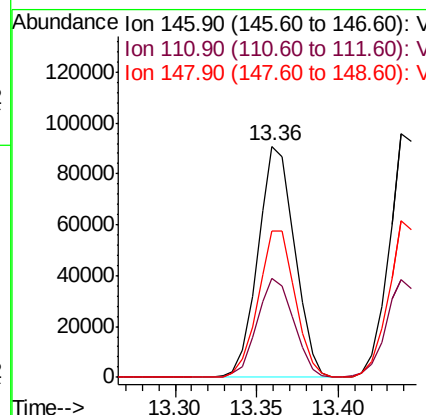
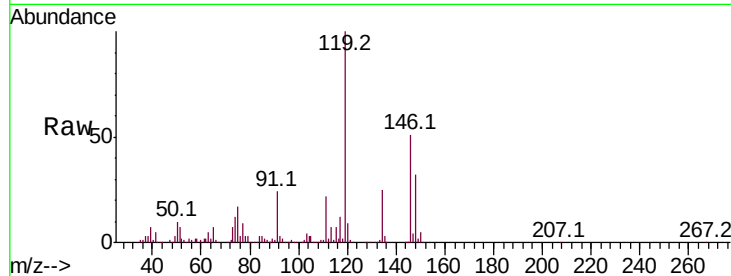




#87
 1,3-Dichlorobenzene
 Concen: 47.900 ug/l
 RT: 13.36 min Scan# 1931
 Delta R.T. -0.00 min
 Lab File: VY000040.D
 Acq: 13 Sep 2019 14:33

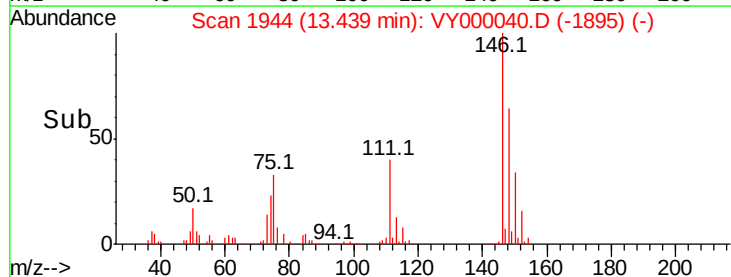
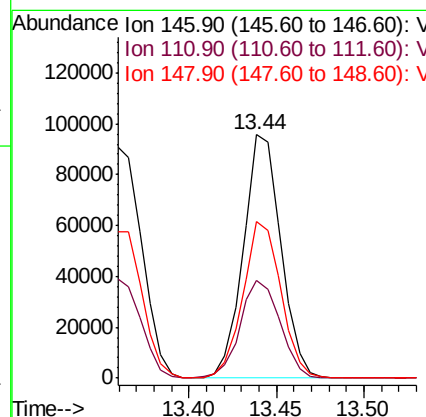
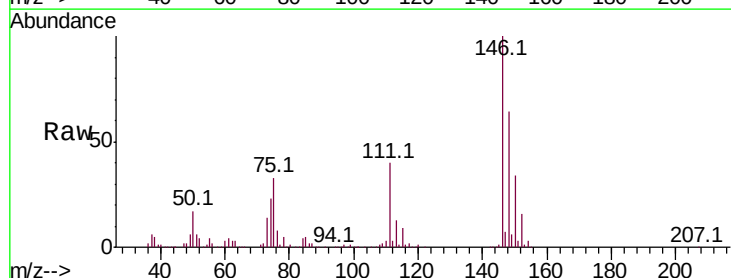
Instrument :
 MSVOA_Y
 ClientSampleId :

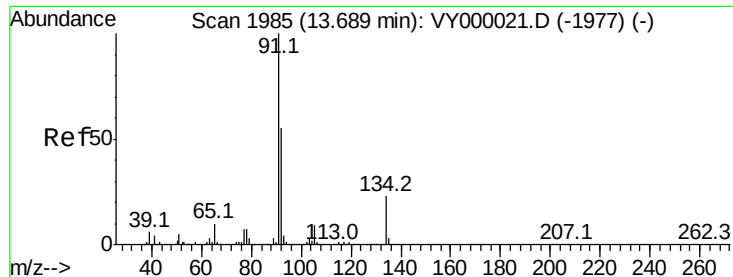
Tot Ion:146 Resp: 141259
 Ion Ratio Lower Upper
 146 100
 111 43.0 21.2 63.6
 148 64.0 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 48.157 ug/l
 RT: 13.44 min Scan# 1944
 Delta R.T. -0.00 min
 Lab File: VY000040.D
 Acq: 13 Sep 2019 14:33

Tgt Ion:146 Resp: 142913
 Ion Ratio Lower Upper
 146 100
 111 42.6 20.3 60.9
 148 64.9 31.7 95.1





#89

n-Butylbenzene

Concen: 49.222 ug/l

RT: 13.69 min Scan# 1985

Delta R.T. -0.00 min

Lab File: VY000040.D

Acq: 13 Sep 2019 14:33

Instrument :

MSVOA_Y

ClientSampleId :

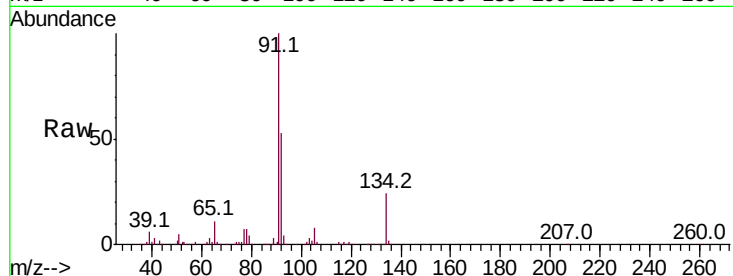
Tot Ion: 91 Resp: 310326

Ion Ratio Lower Upper

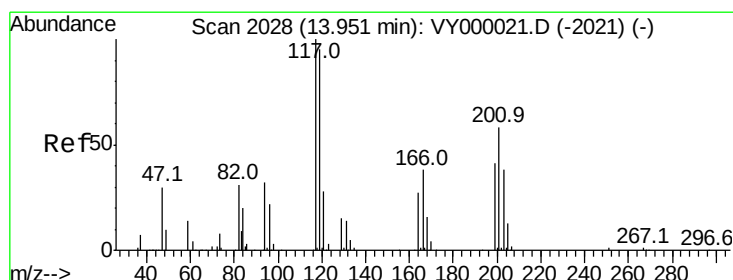
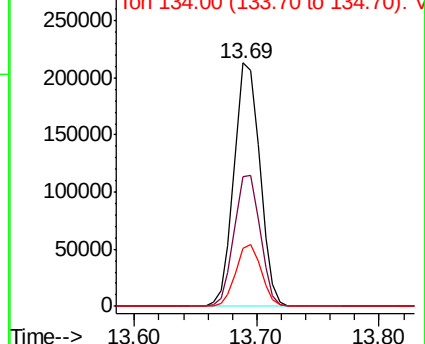
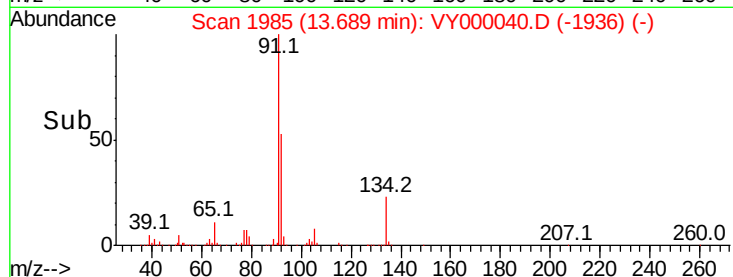
91 100

92 54.4 27.2 81.6

134 25.0 12.6 37.6



Abundance Ion 91.00 (90.70 to 91.70): VY0
Ion 92.00 (91.70 to 92.70): VY0
Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 49.798 ug/l

RT: 13.96 min Scan# 2029

Delta R.T. 0.01 min

Lab File: VY000040.D

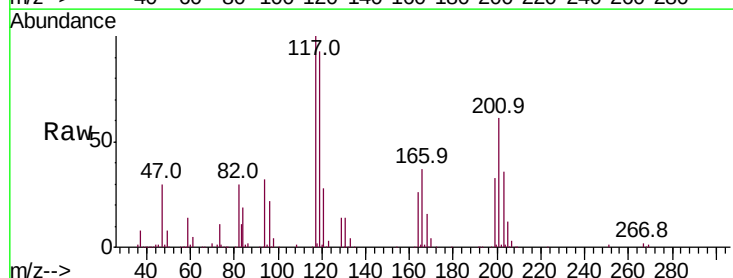
Acq: 13 Sep 2019 14:33

Tgt Ion: 117 Resp: 61913

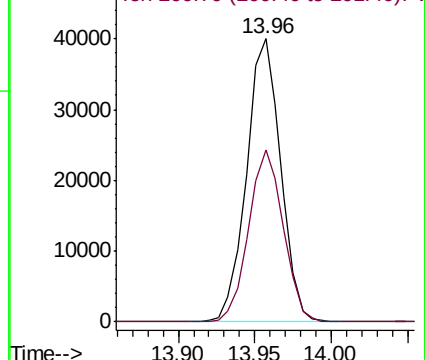
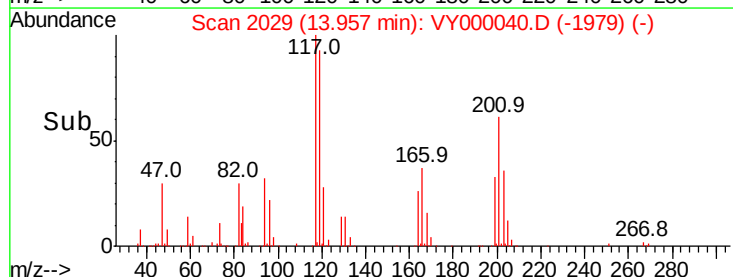
Ion Ratio Lower Upper

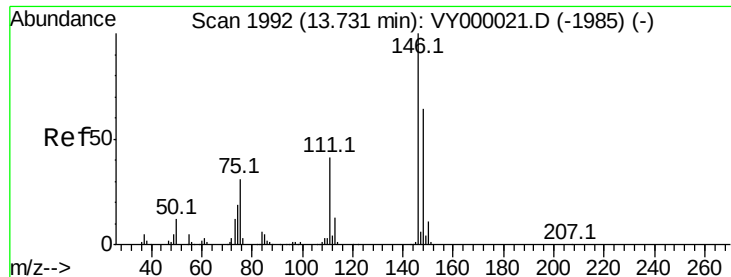
117 100

201 61.6 31.4 94.0



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 48.929 ug/l

RT: 13.74 min Scan# 1993

Delta R.T. 0.01 min

Lab File: VY000040.D

Acq: 13 Sep 2019 14:33

Instrument :

MSVOA_Y

ClientSampleId :

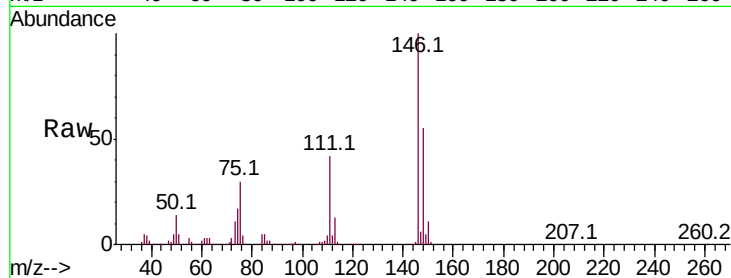
Tot Ion:146 Resp: 134282

Ion Ratio Lower Upper

146 100

111 41.9 21.0 63.0

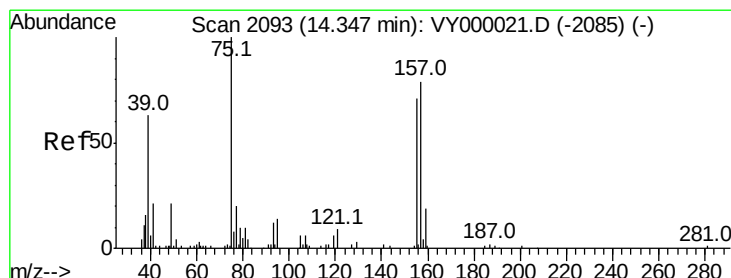
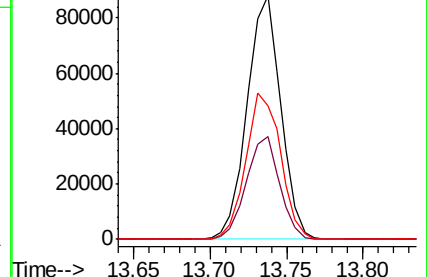
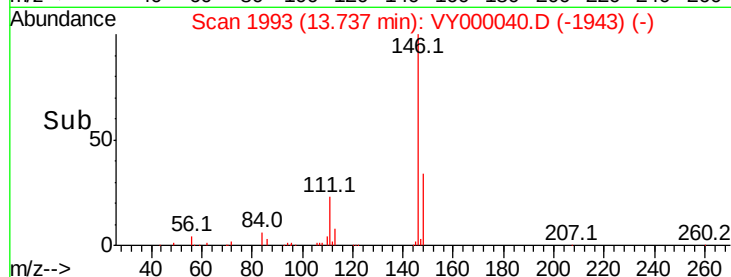
148 62.1 31.6 95.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 42.123 ug/l

RT: 14.36 min Scan# 2095

Delta R.T. 0.01 min

Lab File: VY000040.D

Acq: 13 Sep 2019 14:33

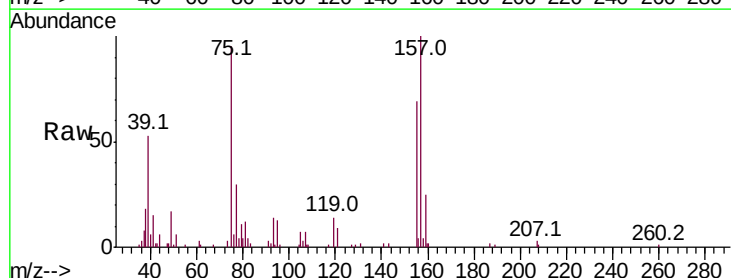
Tgt Ion: 75 Resp: 13565

Ion Ratio Lower Upper

75 100

155 85.5 41.8 125.3

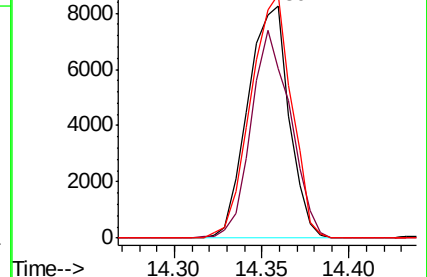
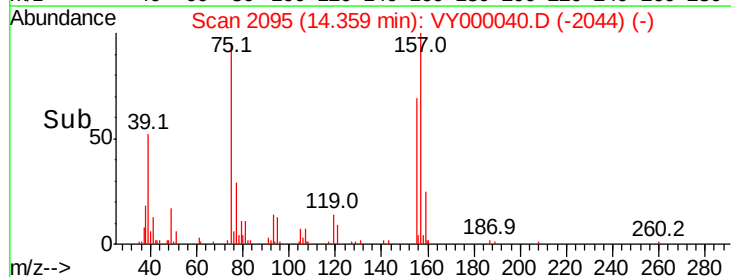
157 103.9 51.3 153.9

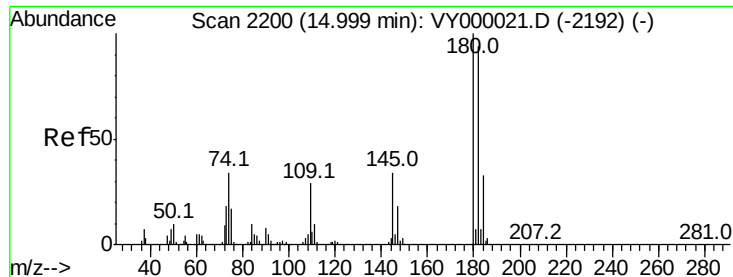


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

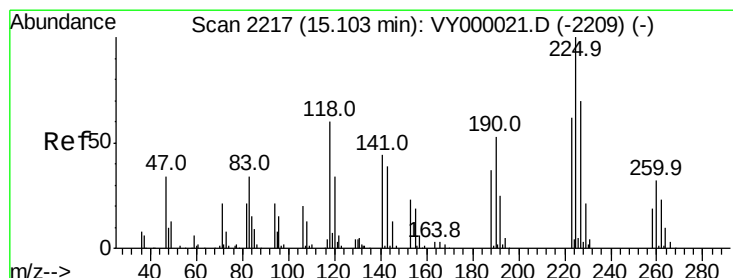
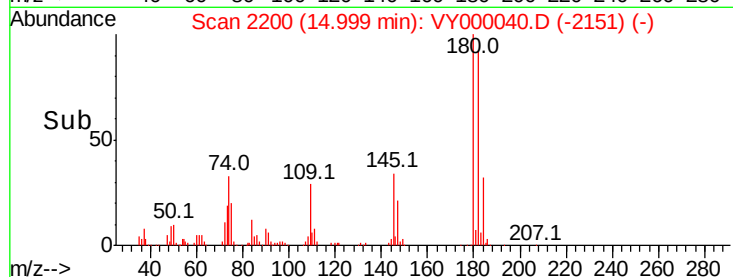
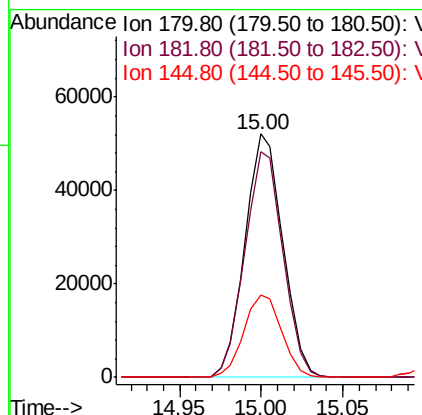
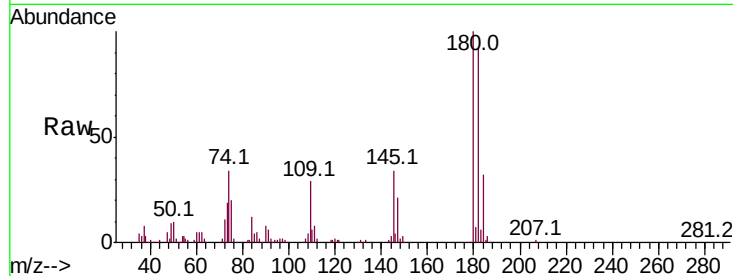




#93
 1,2,4-Trichlorobenzene
 Concen: 48.116 ug/l
 RT: 15.00 min Scan# 2200
 Delta R.T. -0.00 min
 Lab File: VY000040.D
 Acq: 13 Sep 2019 14:33

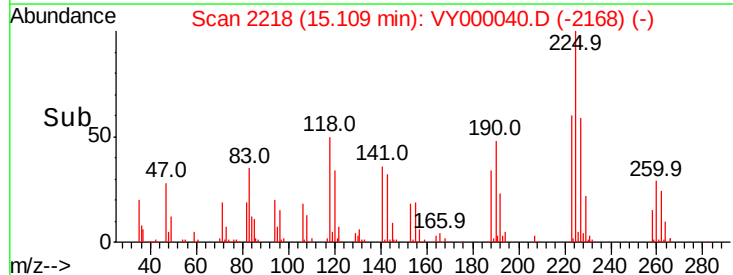
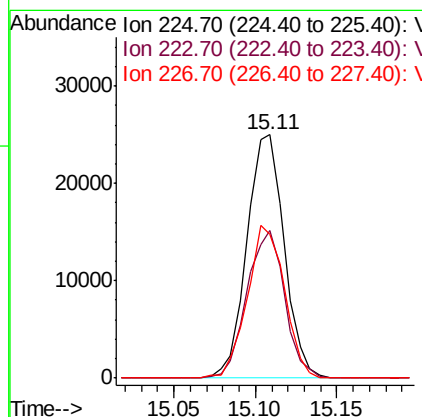
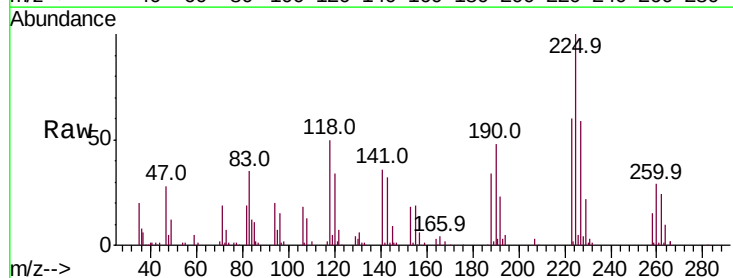
Instrument :
 MSVOA_Y
 ClientSampleId :

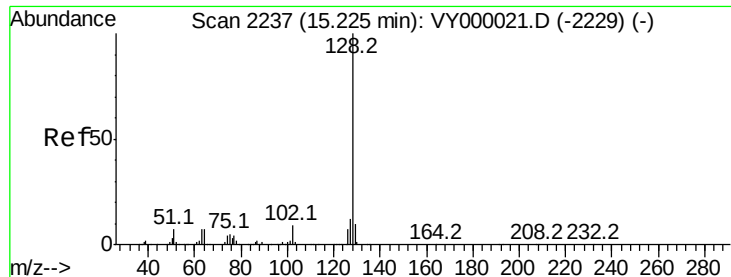
Tot Ion	Ratio	Lower	Upper
180	100		
182	93.1	47.0	141.0
145	33.7	16.7	50.1



#94
 Hexachlorobutadiene
 Concen: 49.613 ug/l
 RT: 15.11 min Scan# 2218
 Delta R.T. 0.01 min
 Lab File: VY000040.D
 Acq: 13 Sep 2019 14:33

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.0	30.9	92.7
227	62.6	31.0	93.0

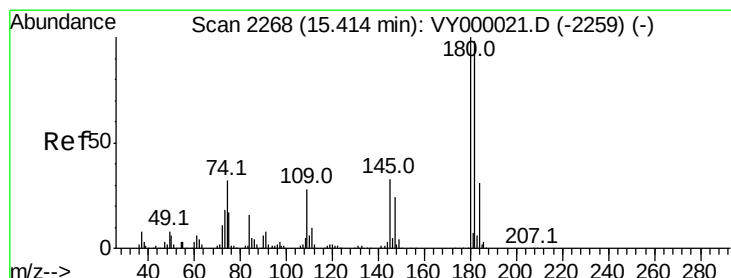
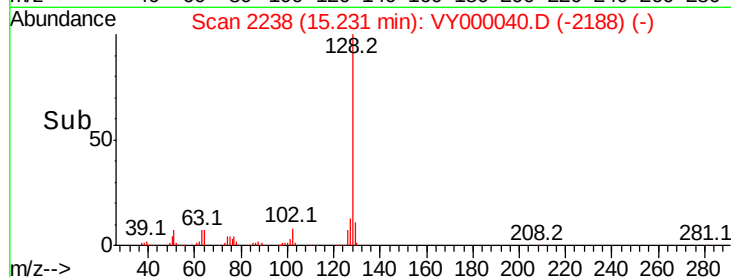
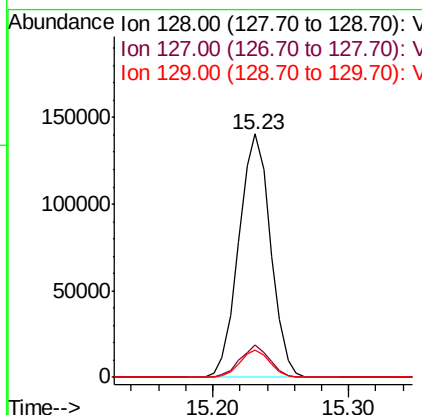
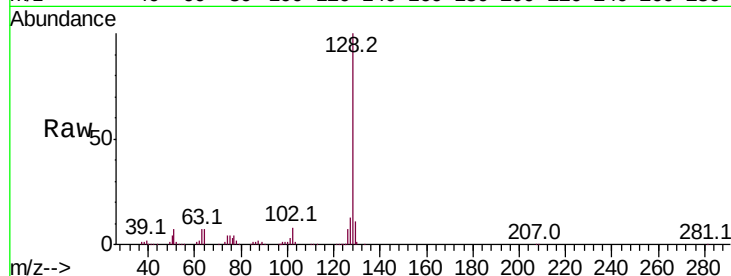




#95
Naphthalene
Concen: 47.868 ug/l
RT: 15.23 min Scan# 2238
Delta R.T. 0.01 min
Lab File: VY000040.D
Acq: 13 Sep 2019 14:33

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:128 Resp: 229335
Ion Ratio Lower Upper
128 100
127 12.5 9.8 14.8
129 10.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 48.203 ug/l
RT: 15.42 min Scan# 2269
Delta R.T. 0.01 min
Lab File: VY000040.D
Acq: 13 Sep 2019 14:33

Tgt Ion:180 Resp: 75779
Ion Ratio Lower Upper
180 100
182 95.9 46.8 140.4
145 36.7 17.3 51.7

