

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY091219\
 Data File : VY000024.D
 Acq On : 12 Sep 2019 13:57
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.00ml
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 12 16:30:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y091219S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 12 16:17:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.79	168	146771	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	271690	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	233341	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	104637	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.14	65	76952	48.67	ug/l	0.00
Spiked Amount			Recovery	=	97.34%	
35) Dibromofluoromethane	7.71	113	73947	47.44	ug/l	0.00
Spiked Amount			Recovery	=	94.88%	
50) Toluene-d8	10.18	98	316138	50.38	ug/l	0.00
Spiked Amount			Recovery	=	100.76%	
62) 4-Bromofluorobenzene	12.48	95	108751	47.68	ug/l	0.00
Spiked Amount			Recovery	=	95.36%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.90	85	52736	48.724	ug/l	94
3) Chloromethane	2.11	50	72957	54.871	ug/l	99
4) Vinyl Chloride	2.25	62	83242	50.718	ug/l	99
5) Bromomethane	2.63	94	56386	57.295	ug/l	100
6) Chloroethane	2.78	64	55632	50.915	ug/l	91
7) Trichlorofluoromethane	3.12	101	106668	50.017	ug/l	96
8) Diethyl Ether	3.53	74	45583	52.010	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.89	101	75315	51.895	ug/l	99
10) Methyl Iodide	4.09	142	80379	50.647	ug/l	99
11) Tert butyl alcohol	4.97	59	49951	248.507	ug/l	99
12) 1,1-Dichloroethene	3.87	96	68942	50.971	ug/l	83
13) Acrolein	3.73	56	31139	235.594	ug/l	93
14) Allyl chloride	4.48	41	108124	51.486	ug/l	99
15) Acrylonitrile	5.16	53	145605	261.839	ug/l	100
16) Acetone	3.95	43	115777	264.086	ug/l	96
17) Carbon Disulfide	4.19	76	130591	52.745	ug/l	99
18) Methyl Acetate	4.48	43	61070	49.507	ug/l	99
19) Methyl tert-butyl Ether	5.22	73	214301	52.310	ug/l	99
20) Methylene Chloride	4.71	84	84194	54.348	ug/l	90
21) trans-1,2-Dichloroethene	5.22	96	77777	51.932	ug/l	90
22) Diisopropyl ether	6.12	45	244487	52.736	ug/l	94
23) Vinyl Acetate	6.06	43	854331	266.383	ug/l	96
24) 1,1-Dichloroethane	6.01	63	143163	52.111	ug/l	96
25) 2-Butanone	6.99	43	191000	268.054	ug/l	97
26) 2,2-Dichloropropane	6.98	77	128195	50.230	ug/l	99
27) cis-1,2-Dichloroethene	6.98	96	97442	51.569	ug/l	97
28) Bromochloromethane	7.33	49	68552	54.333	ug/l #	99
29) Tetrahydrofuran	7.35	42	108911	256.945	ug/l	98
30) Chloroform	7.51	83	145499	51.357	ug/l	97
31) Cyclohexane	7.77	56	107647	53.537	ug/l	100
32) 1,1,1-Trichloroethane	7.70	97	120721	51.945	ug/l	99
36) 1,1-Dichloropropene	7.92	75	102382	51.325	ug/l	99
37) Ethyl Acetate	7.08	43	68960	51.265	ug/l	98
38) Carbon Tetrachloride	7.90	117	100829	53.549	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.18	83	126930	51.502	ug/l	95
40) Benzene	8.16	78	338758	52.161	ug/l	98
41) Methacrylonitrile	7.31	41	32941	42.091	ug/l #	81
42) 1,2-Dichloroethane	8.24	62	90022	54.240	ug/l	99
43) Isopropyl Acetate	8.27	43	140908	54.056	ug/l	98
44) Trichloroethene	8.94	130	85266	52.582	ug/l	88
45) 1,2-Dichloropropane	9.21	63	86591	51.708	ug/l	97
46) Dibromomethane	9.31	93	48400	52.077	ug/l	98
47) Bromodichloromethane	9.50	83	116568	52.542	ug/l	99
48) Methyl methacrylate	9.29	41	60868	52.917	ug/l	98
49) 1,4-Dioxane	9.29	88	19426	998.071	ug/l	98
51) 4-Methyl-2-Pentanone	10.07	43	379854	260.063	ug/l	99
52) Toluene	10.24	92	213991	52.437	ug/l	99
53) t-1,3-Dichloropropene	10.46	75	125100	53.630	ug/l	97
54) cis-1,3-Dichloropropene	9.93	75	140871	51.900	ug/l	96
55) 1,1,2-Trichloroethane	10.65	97	75814	51.476	ug/l	94
56) Ethyl methacrylate	10.51	69	111420	53.905	ug/l	99
57) 1,3-Dichloropropane	10.79	76	122116	51.846	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	282105	249.161	ug/l	99
59) 2-Hexanone	10.83	43	287722	273.352	ug/l	96
60) Dibromochloromethane	10.98	129	83011	53.491	ug/l	100
61) 1,2-Dibromoethane	11.09	107	70534	54.222	ug/l	97
64) Tetrachloroethene	10.71	164	75052	52.450	ug/l	96
65) Chlorobenzene	11.51	112	238584	53.659	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	81781	53.083	ug/l	99
67) Ethyl Benzene	11.59	91	421207	52.146	ug/l	97
68) m/p-Xylenes	11.70	106	331184	108.652	ug/l	97
69) o-Xylene	12.02	106	160161	53.612	ug/l	97
70) Styrene	12.04	104	282938	54.445	ug/l	99
71) Bromoform	12.20	173	49537	53.253	ug/l #	97
73) Isopropylbenzene	12.32	105	423943	53.026	ug/l	100
74) N-amyl acetate	12.14	43	129314	54.793	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.58	83	97030	50.760	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	129218	88.910	ug/l #	100
77) Bromobenzene	12.60	156	88933	52.584	ug/l	98
78) n-propylbenzene	12.66	91	524707	53.703	ug/l	100
79) 2-Chlorotoluene	12.75	91	283843	51.952	ug/l	99
80) 1,3,5-Trimethylbenzene	12.80	105	351283	52.622	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.38	75	38491	52.533	ug/l	98
82) 4-Chlorotoluene	12.85	91	303338	52.901	ug/l	100
83) tert-Butylbenzene	13.07	119	307304	53.576	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	357331	54.188	ug/l	99
85) sec-Butylbenzene	13.25	105	458161	54.124	ug/l	100
86) p-Isopropyltoluene	13.37	119	387345	53.941	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	183114	53.797	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	186230	54.369	ug/l	99
89) n-Butylbenzene	13.69	91	401670	55.198	ug/l	100
90) Hexachloroethane	13.96	117	78012	54.363	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	168946	53.335	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.35	75	18882	57.596	ug/l	96

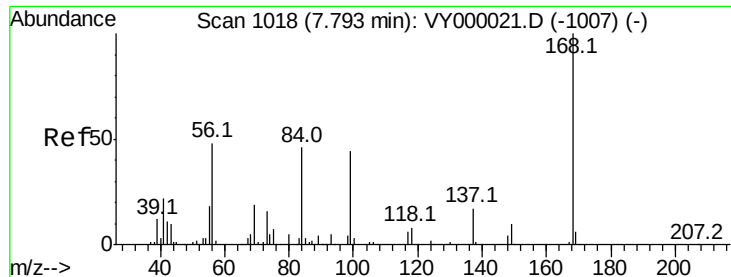
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Quant Title : SW846 8260
QLast Update : Thu Sep 12 16:17:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	109848	54.346	ug/l	99
94) Hexachlorobutadiene	15.10	225	53069	57.243	ug/l	99
95) Naphthalene	15.23	128	294512	53.259	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	100294	55.274	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.79 min Scan# 1017

Delta R.T. -0.01 min

Lab File: VY000024.D

Acq: 12 Sep 2019 13:57

Instrument :

MSVOA_Y

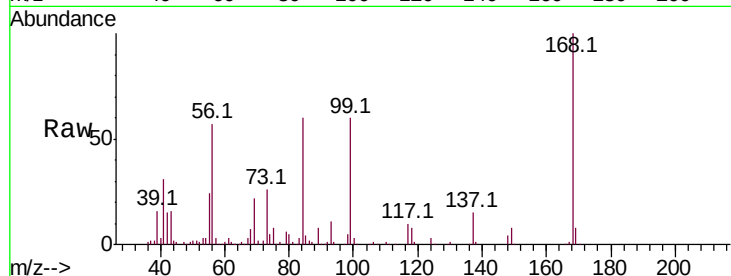
ClientSampleId :

Tot Ion:168 Resp: 146771

Ion Ratio Lower Upper

168 100

99 60.2 46.3 69.5



Abundance Ion 167.90 (167.60 to 168.60): VY000021.D (-1007) (-)

Ion 98.90 (98.60 to 99.60): VY000021.D (-1007) (-)

7.79

60000

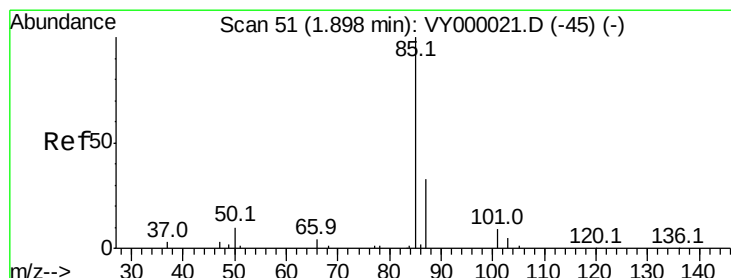
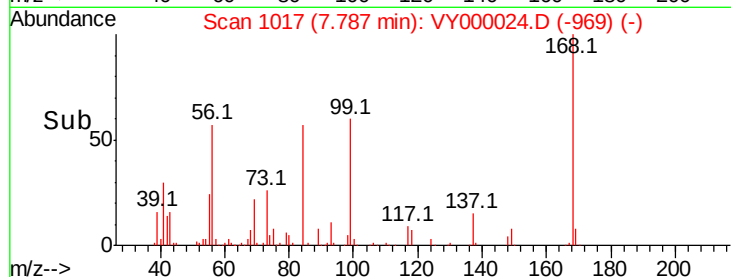
40000

20000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 48.724 ug/l

RT: 1.90 min Scan# 51

Delta R.T. -0.00 min

Lab File: VY000024.D

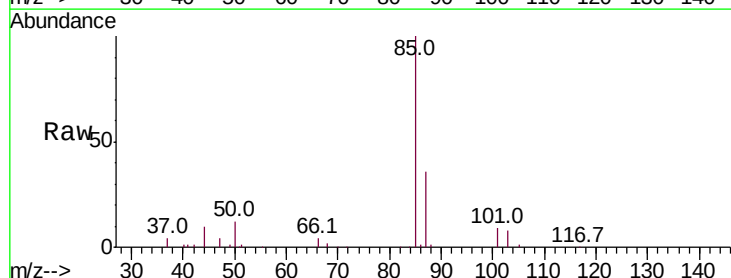
Acq: 12 Sep 2019 13:57

Tgt Ion: 85 Resp: 52736

Ion Ratio Lower Upper

85 100

87 36.3 16.6 49.7



Abundance Ion 84.90 (84.60 to 85.60): VY000021.D (-45) (-)

Ion 86.90 (86.60 to 87.60): VY000021.D (-45) (-)

1.90

30000

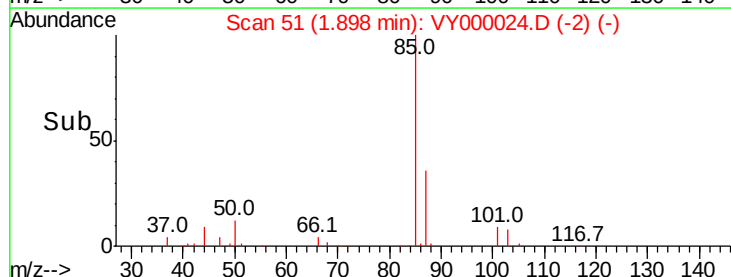
20000

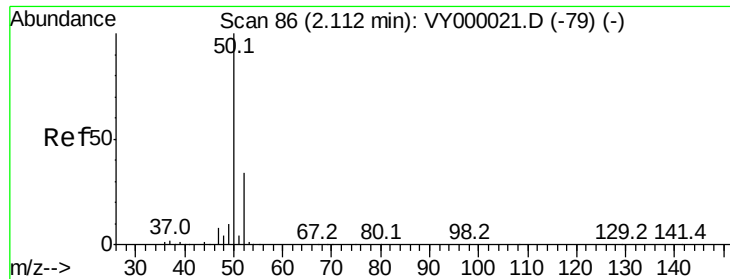
10000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 54.871 ug/l

RT: 2.11 min Scan# 86

Delta R.T. 0.00 min

Lab File: VY000024.D

Acq: 12 Sep 2019 13:57

Instrument :

MSVOA_Y

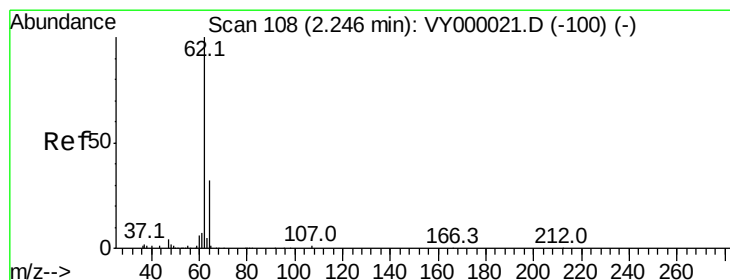
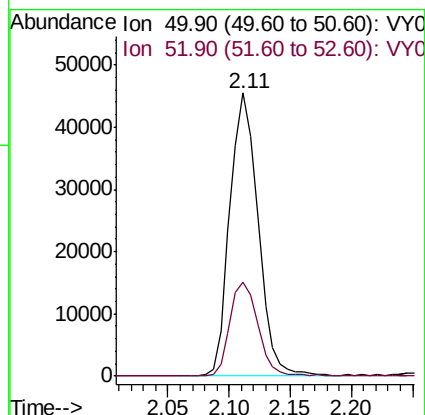
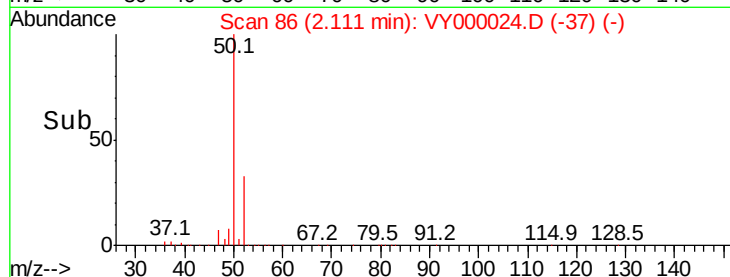
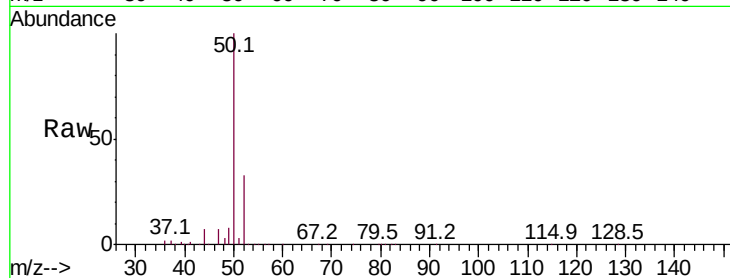
ClientSampleId :

Tot Ion: 50 Resp: 72957

Ion Ratio Lower Upper

50 100

52 33.2 27.0 40.6



#4

Vinyl Chloride

Concen: 50.718 ug/l

RT: 2.25 min Scan# 108

Delta R.T. -0.00 min

Lab File: VY000024.D

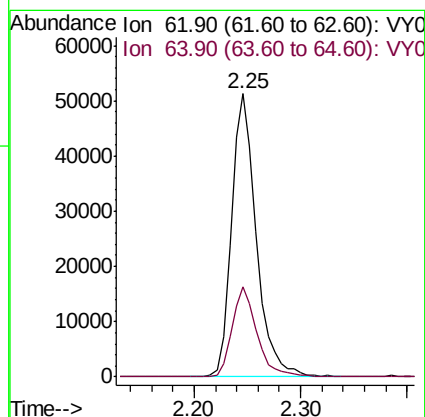
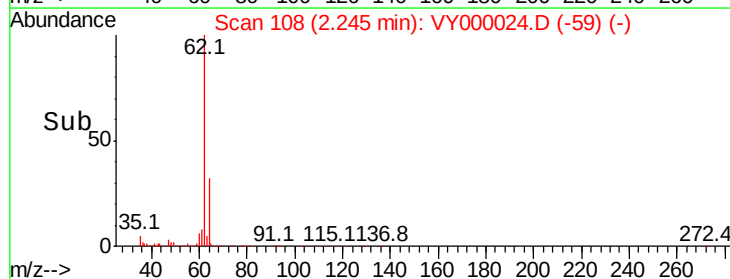
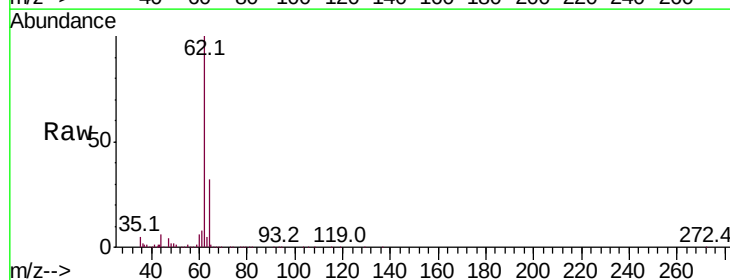
Acq: 12 Sep 2019 13:57

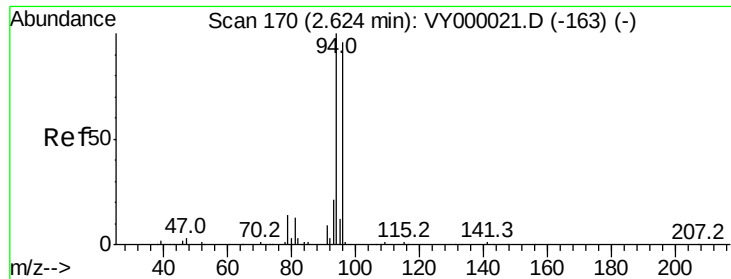
Tgt Ion: 62 Resp: 83242

Ion Ratio Lower Upper

62 100

64 31.9 26.1 39.1





#5

Bromomethane

Concen: 57.295 ug/l

RT: 2.63 min Scan# 171

Delta R.T. 0.01 min

Lab File: VY000024.D

Acq: 12 Sep 2019 13:57

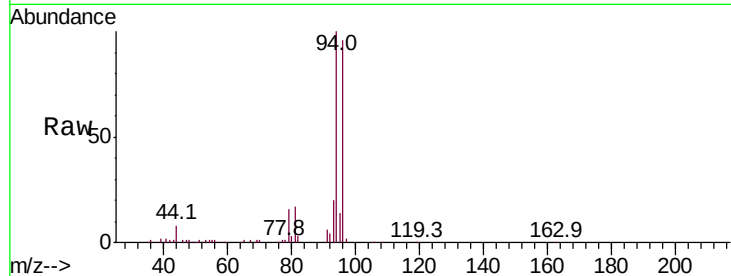
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 94 Resp: 56386

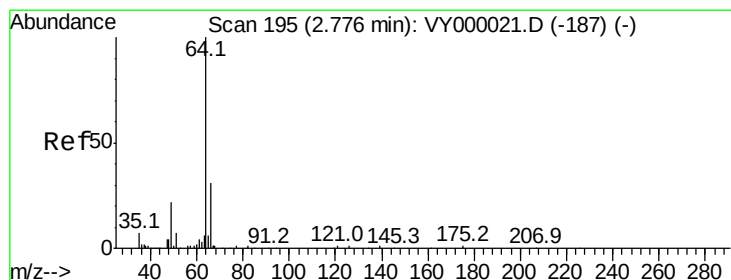
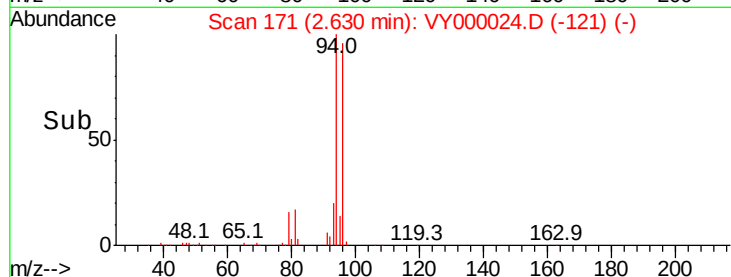
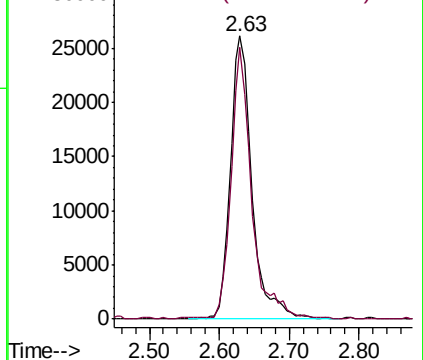
Ion Ratio Lower Upper

94 100

96 96.1 76.8 115.2



Abundance Ion 93.90 (93.60 to 94.60): VY0
Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 50.915 ug/l

RT: 2.78 min Scan# 196

Delta R.T. 0.01 min

Lab File: VY000024.D

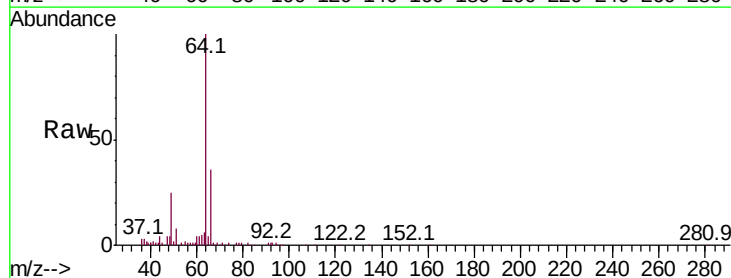
Acq: 12 Sep 2019 13:57

Tgt Ion: 64 Resp: 55632

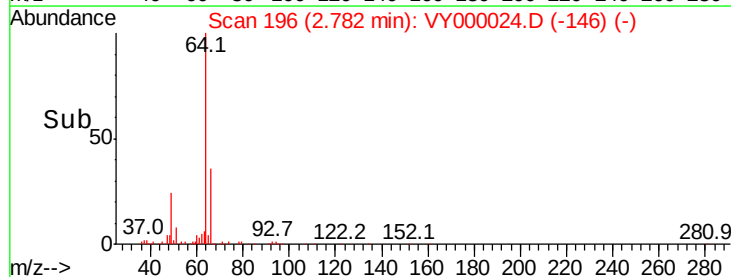
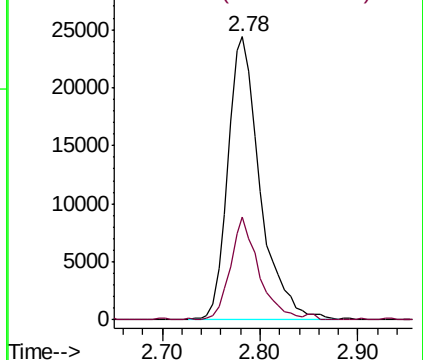
Ion Ratio Lower Upper

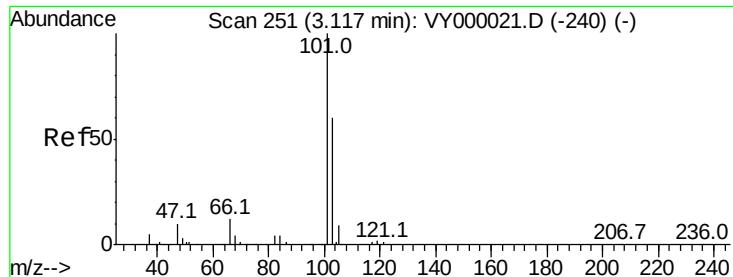
64 100

66 36.3 25.0 37.6



Abundance Ion 63.90 (63.60 to 64.60): VY0
Ion 65.90 (65.60 to 66.60): VY0



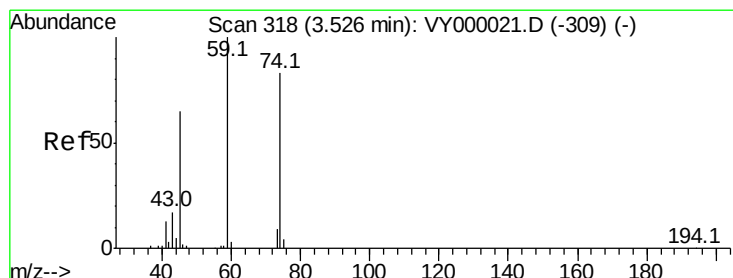
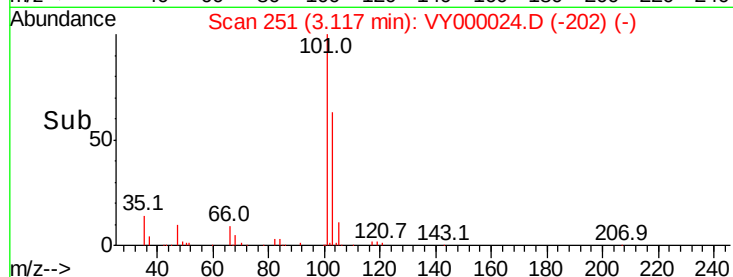
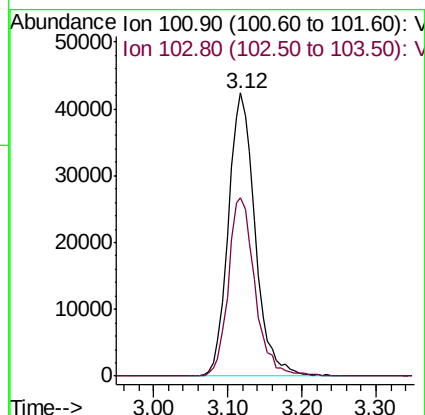
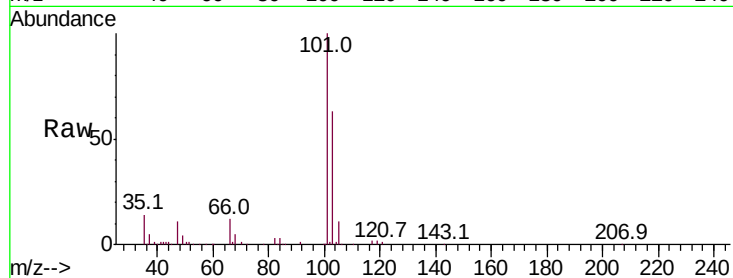


#7

Trichlorofluoromethane
 Concen: 50.017 ug/l
 RT: 3.12 min Scan# 251
 Delta R.T. -0.00 min
 Lab File: VY000024.D
 Acq: 12 Sep 2019 13:57

Instrument :
 MSVOA_Y
 ClientSampleId :

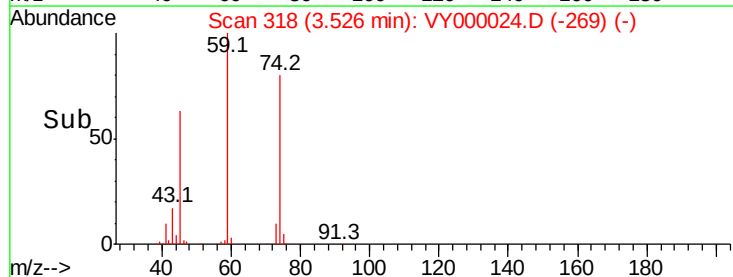
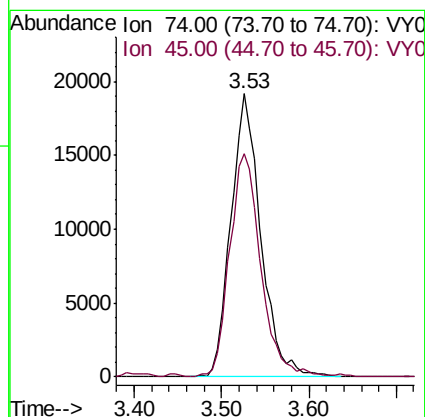
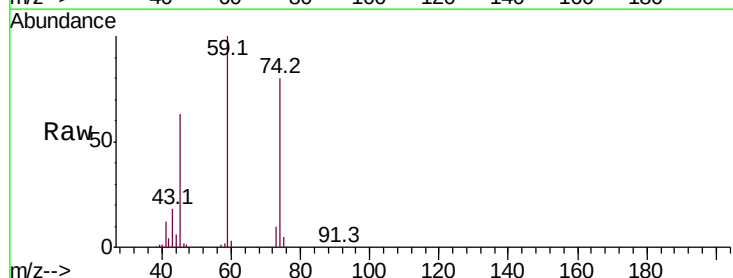
Tot Ion:101 Resp: 106668
 Ion Ratio Lower Upper
 101 100
 103 63.1 48.1 72.1

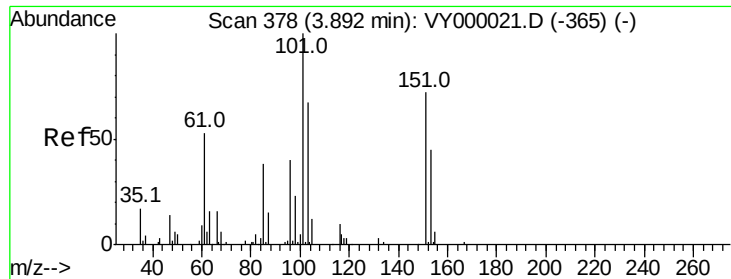


#8

Diethyl Ether
 Concen: 52.010 ug/l
 RT: 3.53 min Scan# 318
 Delta R.T. -0.00 min
 Lab File: VY000024.D
 Acq: 12 Sep 2019 13:57

Tgt Ion: 74 Resp: 45583
 Ion Ratio Lower Upper
 74 100
 45 82.3 41.9 125.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.895 ug/l

RT: 3.89 min Scan# 378

Delta R.T. -0.00 min

Lab File: VY000024.D

Acq: 12 Sep 2019 13:57

Instrument :

MSVOA_Y

ClientSampleId :

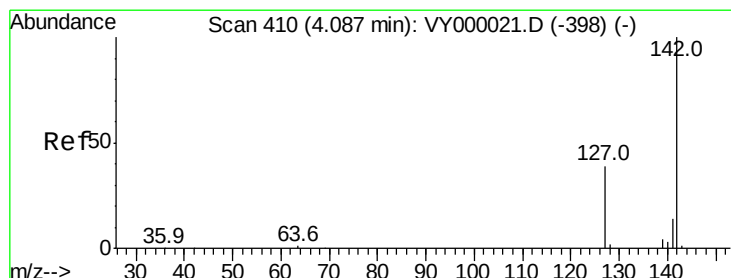
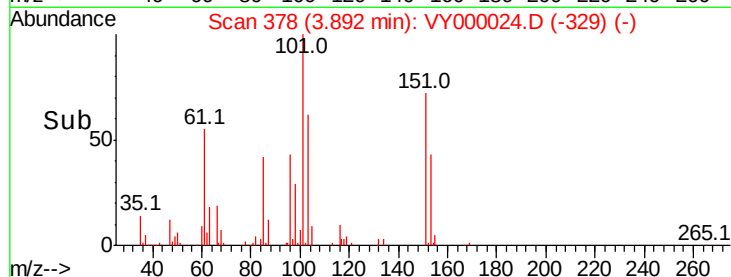
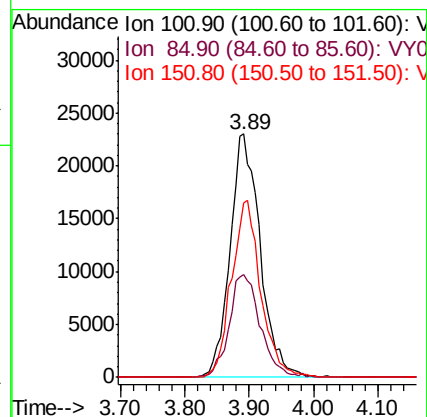
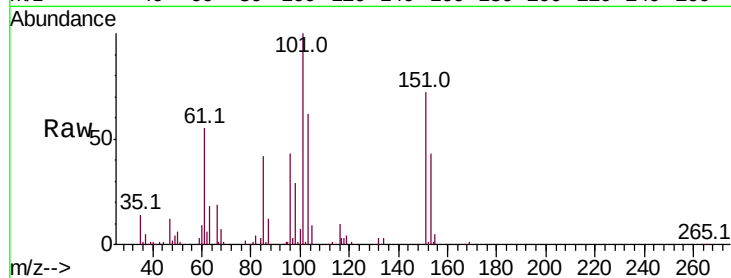
Tot Ion:101 Resp: 75315

Ion Ratio Lower Upper

101 100

85 43.7 35.3 52.9

151 70.5 55.9 83.9



#10

Methyl Iodide

Concen: 50.647 ug/l

RT: 4.09 min Scan# 410

Delta R.T. -0.00 min

Lab File: VY000024.D

Acq: 12 Sep 2019 13:57

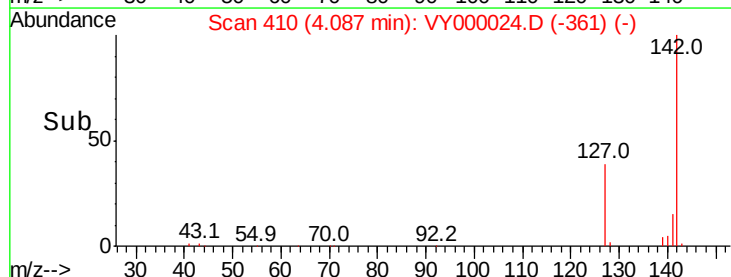
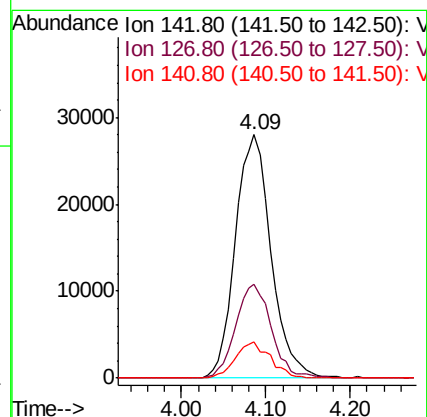
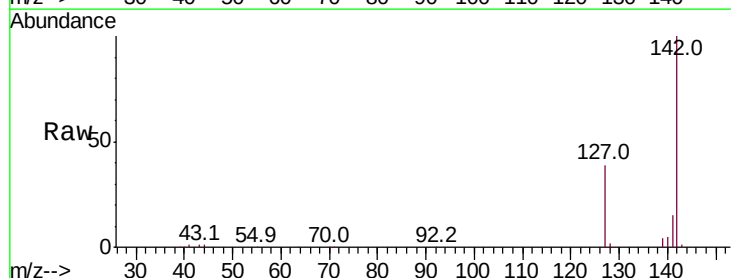
Tgt Ion:142 Resp: 80379

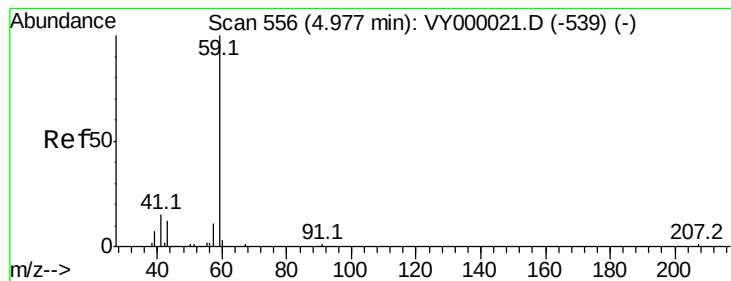
Ion Ratio Lower Upper

142 100

127 38.7 31.4 47.2

141 14.6 10.6 16.0



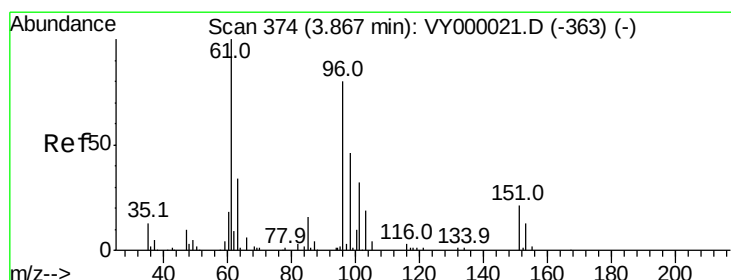
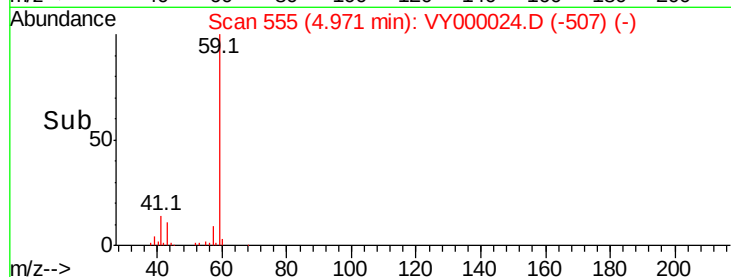
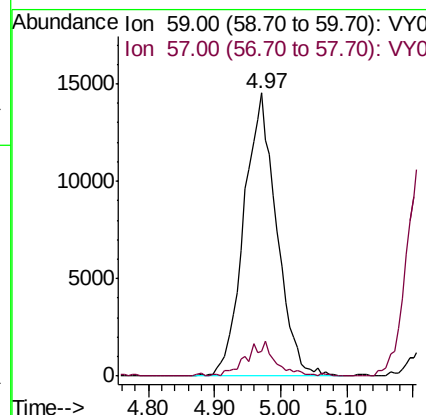
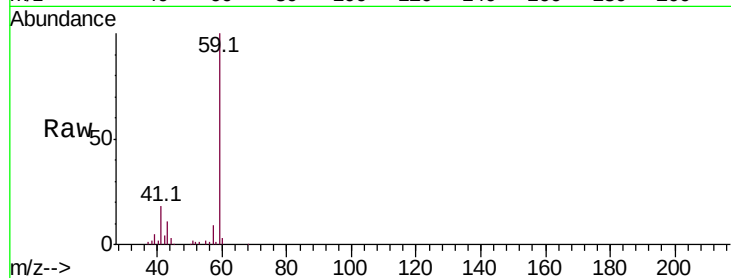


#11

Tert butyl alcohol
 Concen: 248.507 ug/l
 RT: 4.97 min Scan# 555
 Delta R.T. -0.01 min
 Lab File: VY000024.D
 Acq: 12 Sep 2019 13:57

Instrument :
 MSVOA_Y
 ClientSampleId :

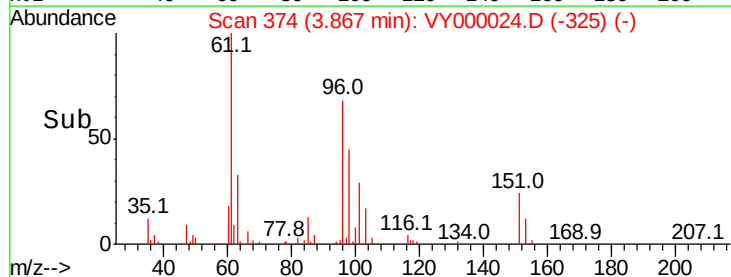
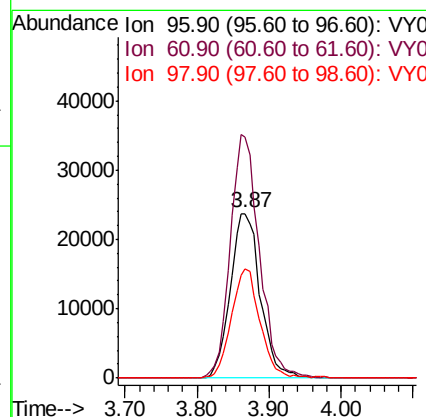
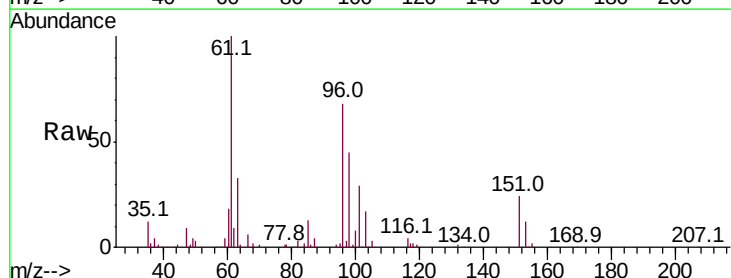
Tot Ion: 59 Resp: 49951
 Ion Ratio Lower Upper
 59 100
 57 10.8 8.3 12.5

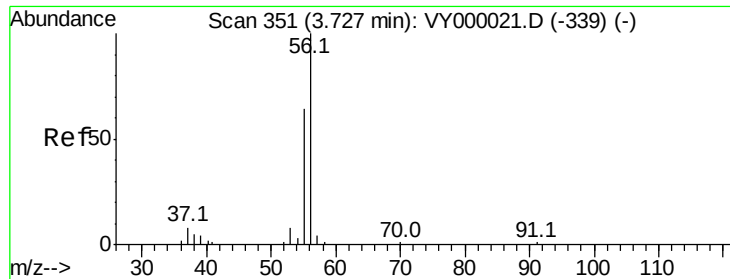


#12

1,1-Dichloroethene
 Concen: 50.971 ug/l
 RT: 3.87 min Scan# 374
 Delta R.T. -0.00 min
 Lab File: VY000024.D
 Acq: 12 Sep 2019 13:57

Tgt Ion: 96 Resp: 68942
 Ion Ratio Lower Upper
 96 100
 61 147.1 99.8 149.6
 98 66.2 46.3 69.5





#13

Acrolein

Concen: 235.594 ug/l

RT: 3.73 min Scan# 352

Delta R.T. 0.01 min

Lab File: VY000024.D

Acq: 12 Sep 2019 13:57

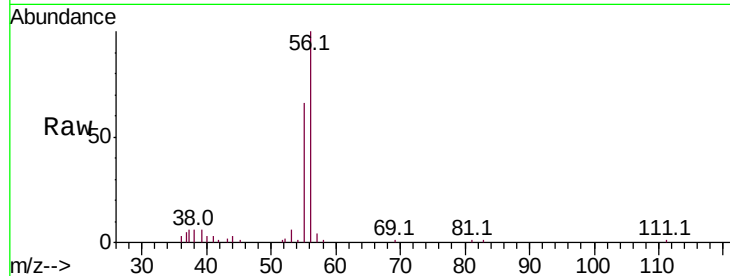
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 56 Resp: 31139

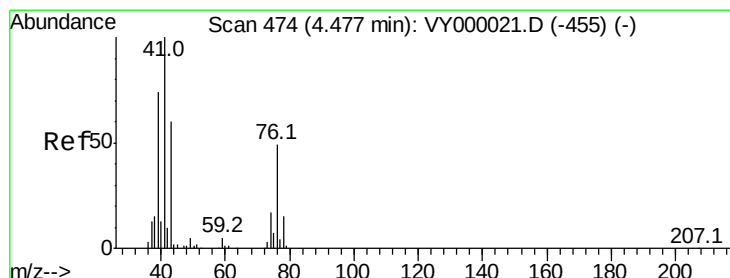
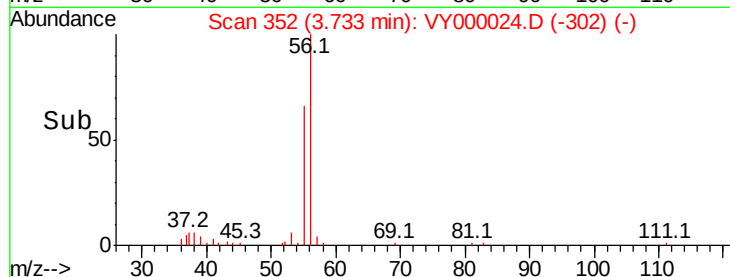
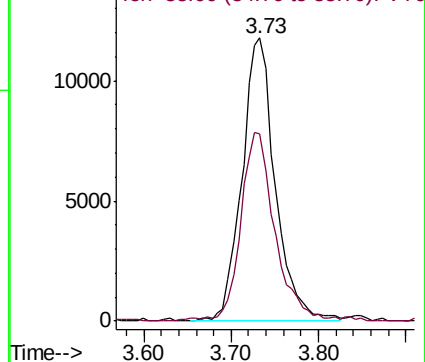
Ion Ratio Lower Upper

56 100

55 65.3 56.7 85.1



Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 55.00 (54.70 to 55.70): VY0



#14

Allyl chloride

Concen: 51.486 ug/l

RT: 4.48 min Scan# 474

Delta R.T. -0.00 min

Lab File: VY000024.D

Acq: 12 Sep 2019 13:57

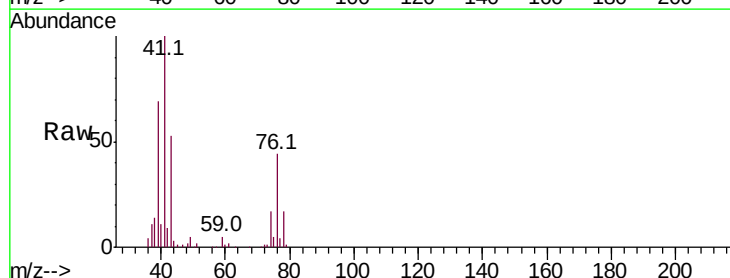
Tgt Ion: 41 Resp: 108124

Ion Ratio Lower Upper

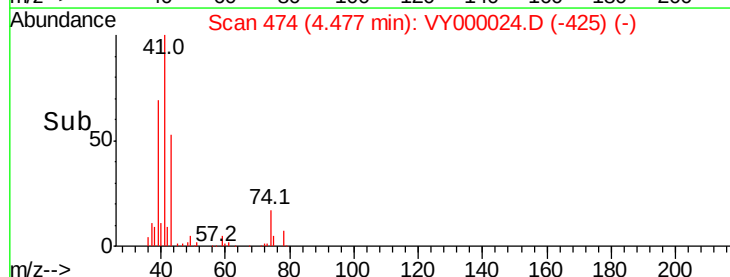
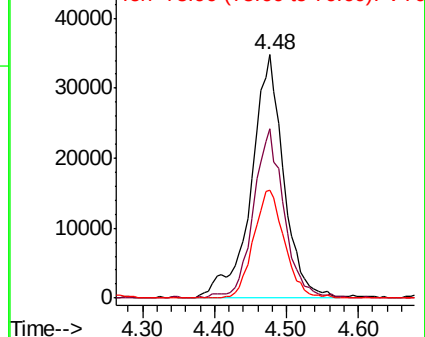
41 100

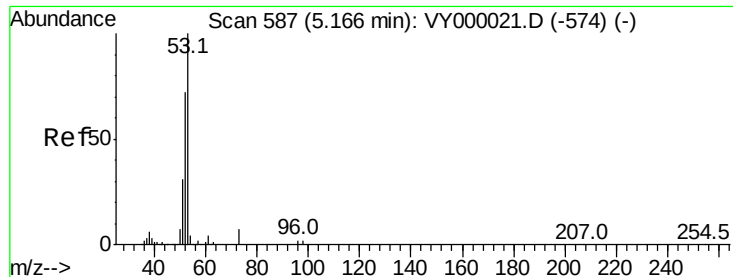
39 66.4 53.1 79.7

76 42.7 34.9 52.3



Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 75.90 (75.60 to 76.60): VY0





#15

Acrylonitrile

Concen: 261.839 ug/l

RT: 5.16 min Scan# 586

Delta R.T. -0.01 min

Lab File: VY000024.D

Acq: 12 Sep 2019 13:57

Instrument :

MSVOA_Y

ClientSampleId :

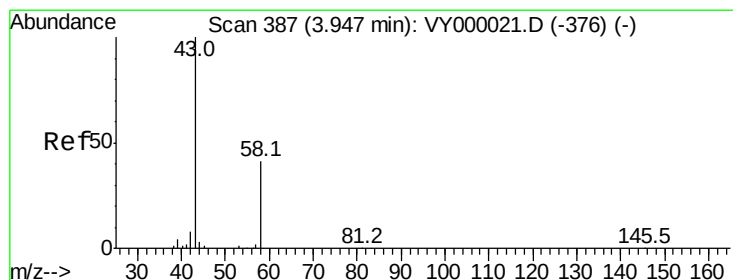
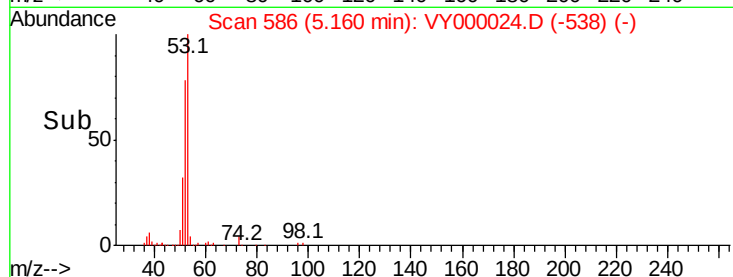
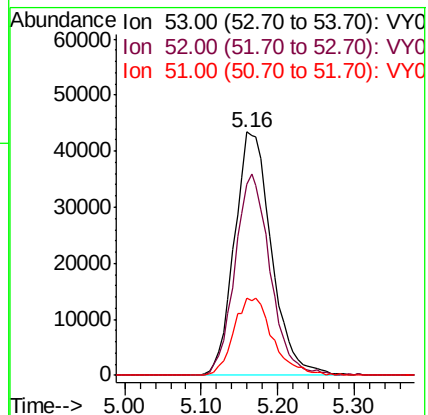
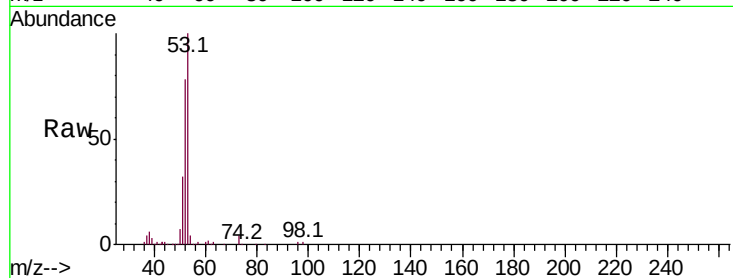
Tot Ion: 53 Resp: 145605

Ion Ratio Lower Upper

53 100

52 78.8 62.8 94.2

51 33.6 26.6 40.0



#16

Acetone

Concen: 264.086 ug/l

RT: 3.95 min Scan# 387

Delta R.T. -0.00 min

Lab File: VY000024.D

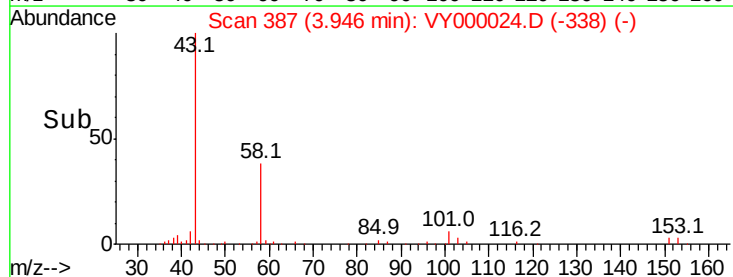
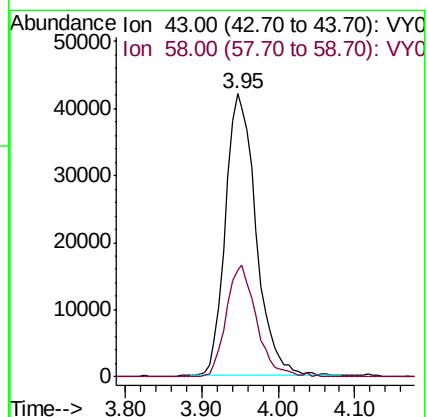
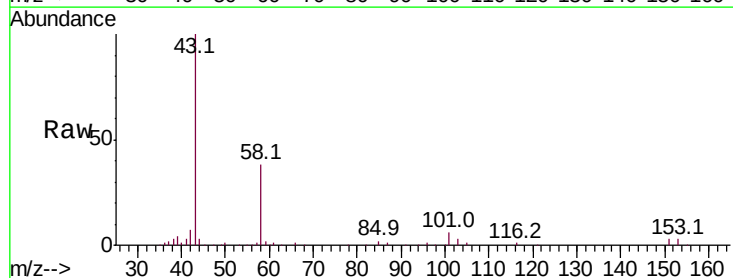
Acq: 12 Sep 2019 13:57

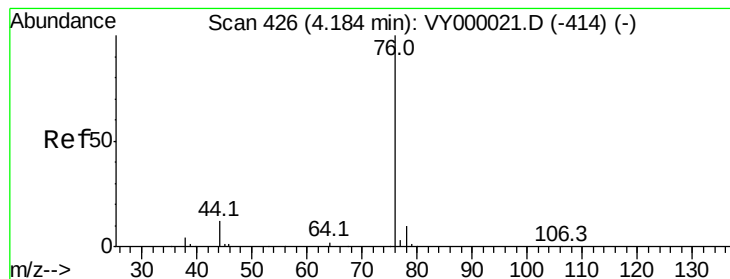
Tgt Ion: 43 Resp: 115777

Ion Ratio Lower Upper

43 100

58 38.1 32.5 48.7





#17

Carbon Disulfide

Concen: 52.745 ug/l

RT: 4.19 min Scan# 427

Delta R.T. 0.01 min

Lab File: VY000024.D

Acq: 12 Sep 2019 13:57

Instrument :

MSVOA_Y

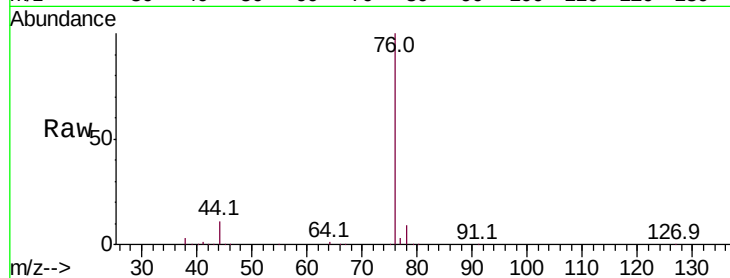
ClientSampled :

Tot Ion: 76 Resp: 130591

Ion Ratio Lower Upper

76 100

78 9.0 7.6 11.4



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

4.19

50000

40000

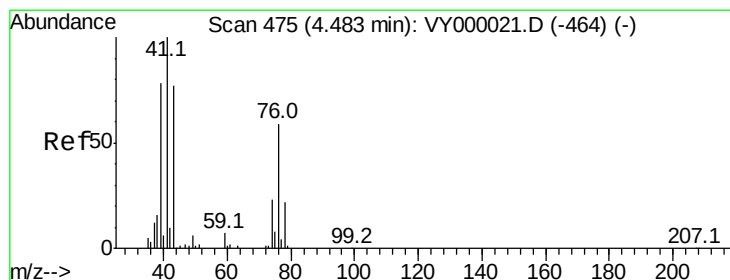
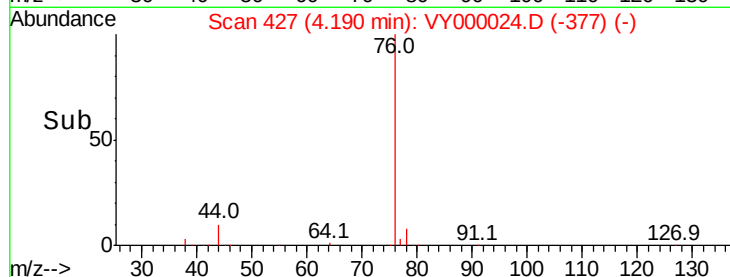
30000

20000

10000

0

Time-->



#18

Methyl Acetate

Concen: 49.507 ug/l

RT: 4.48 min Scan# 475

Delta R.T. -0.00 min

Lab File: VY000024.D

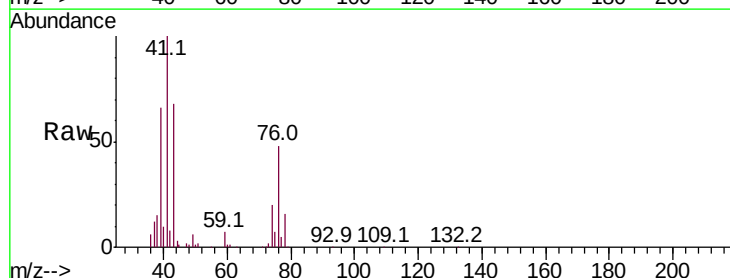
Acq: 12 Sep 2019 13:57

Tgt Ion: 43 Resp: 61070

Ion Ratio Lower Upper

43 100

74 27.3 21.4 32.0



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0

4.48

20000

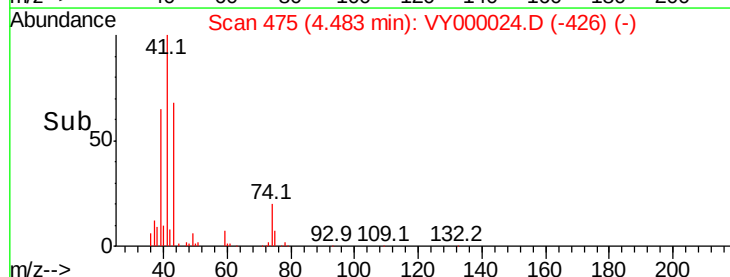
15000

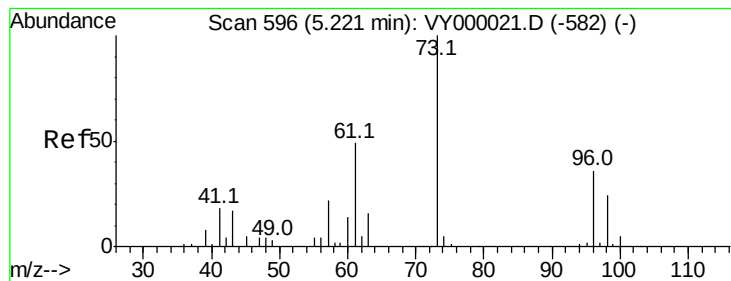
10000

5000

0

Time-->



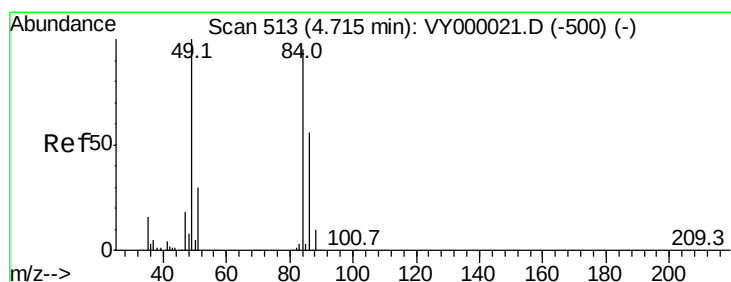
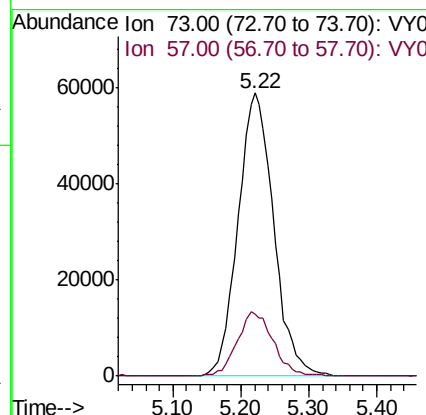
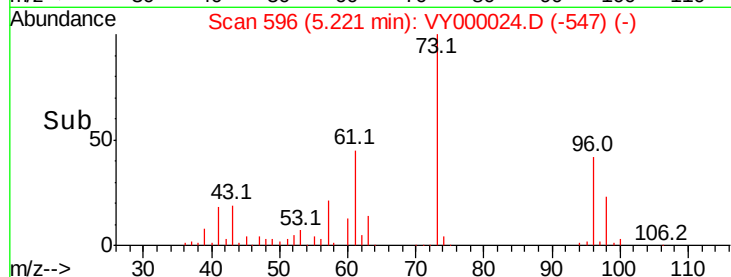
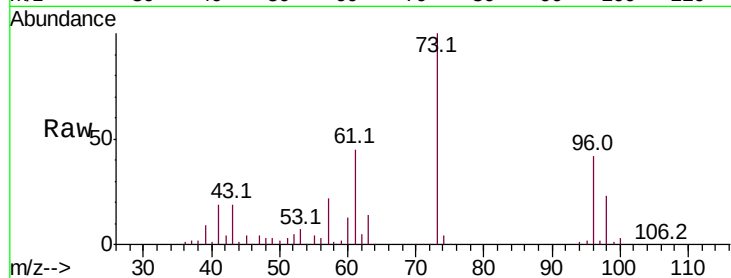


#19

Methyl tert-butyl Ether
 Concen: 52.310 ug/l
 RT: 5.22 min Scan# 596
 Delta R.T. -0.00 min
 Lab File: VY000024.D
 Acq: 12 Sep 2019 13:57

Instrument :
 MSVOA_Y
 ClientSampled :

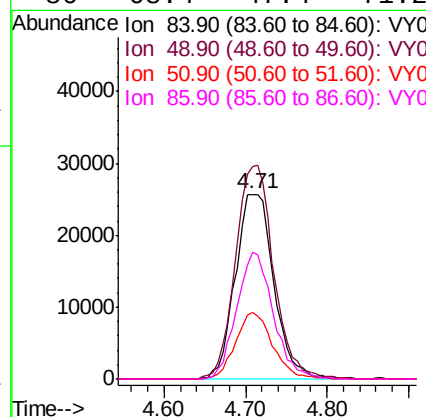
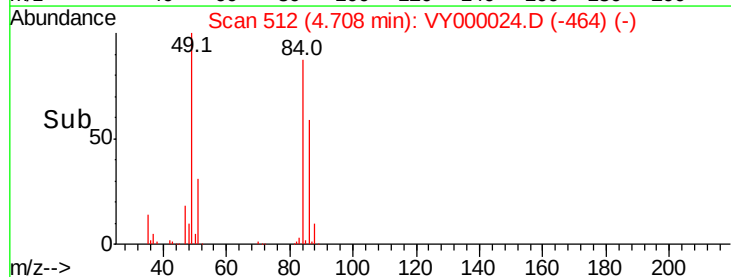
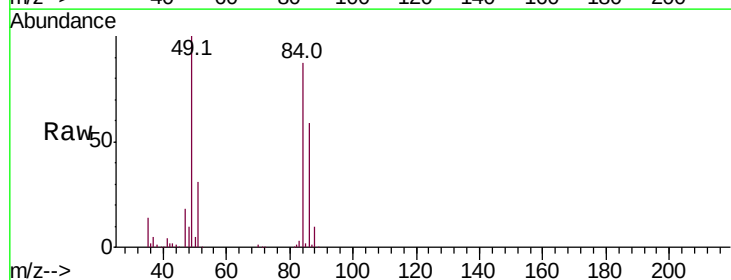
Tot Ion: 73 Resp: 214301
 Ion Ratio Lower Upper
 73 100
 57 21.9 17.8 26.8

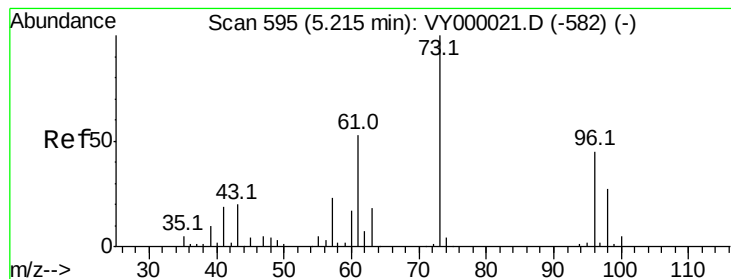


#20

Methylene Chloride
 Concen: 54.348 ug/l
 RT: 4.71 min Scan# 512
 Delta R.T. -0.01 min
 Lab File: VY000024.D
 Acq: 12 Sep 2019 13:57

Tgt Ion: 84 Resp: 84194
 Ion Ratio Lower Upper
 84 100
 49 115.3 84.4 126.6
 51 36.0 25.4 38.0
 86 68.4 47.4 71.2





#21

trans-1,2-Dichloroethene

Concen: 51.932 ug/l

RT: 5.22 min Scan# 596

Delta R.T. 0.01 min

Lab File: VY000024.D

Acq: 12 Sep 2019 13:57

Instrument :

MSVOA_Y

ClientSampleId :

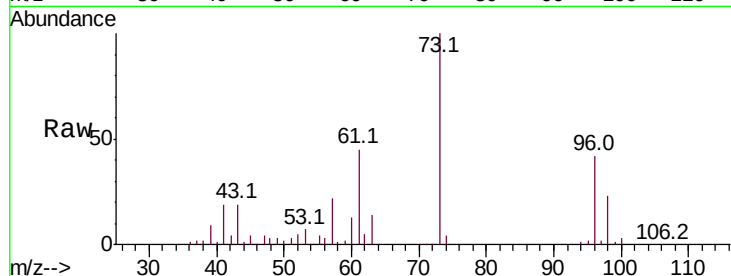
Tot Ion: 96 Resp: 77777

Ion Ratio Lower Upper

96 100

61 106.8 95.3 142.9

98 53.8 48.7 73.1

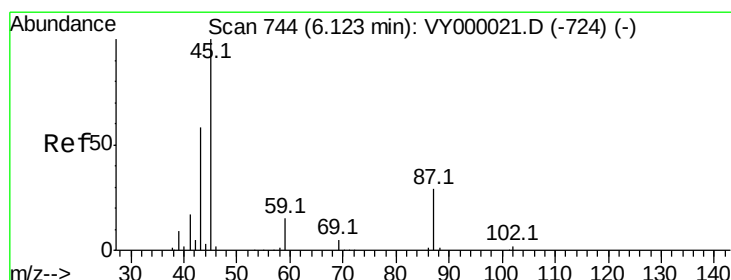
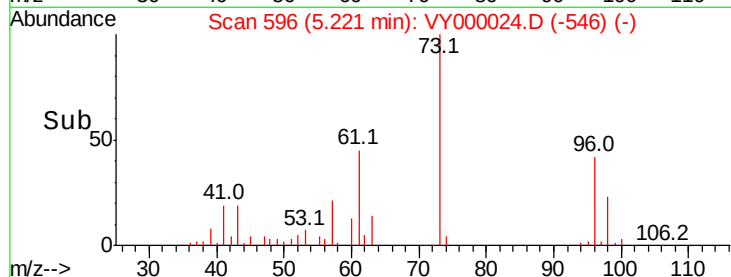
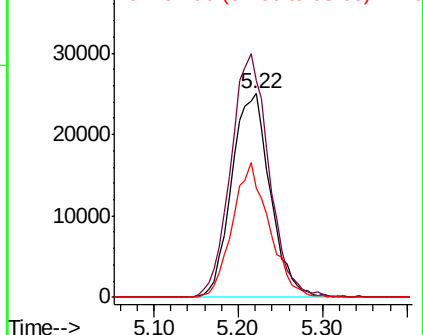


Abundance

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



#22

Diisopropyl ether

Concen: 52.736 ug/l

RT: 6.12 min Scan# 743

Delta R.T. -0.01 min

Lab File: VY000024.D

Acq: 12 Sep 2019 13:57

Tgt Ion: 45 Resp: 244487

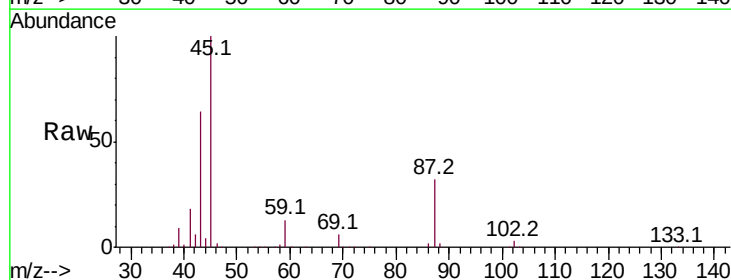
Ion Ratio Lower Upper

45 100

43 63.7 47.0 70.4

87 32.0 23.1 34.7

59 12.8 11.8 17.6



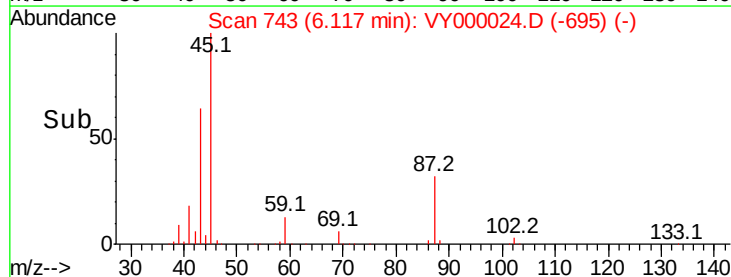
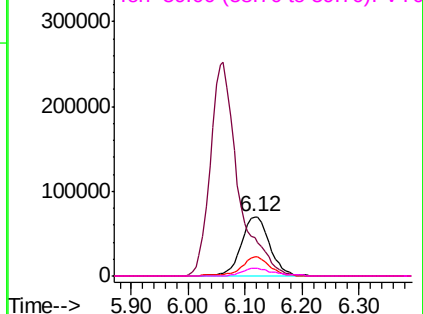
Abundance

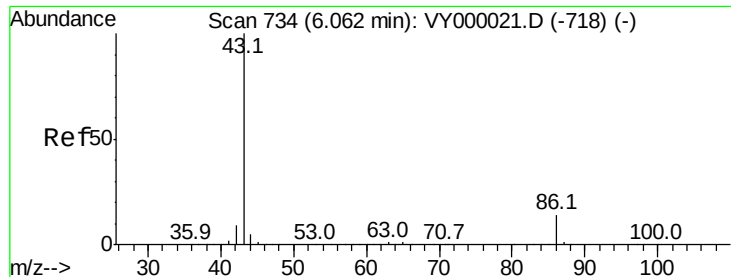
Ion 45.00 (44.70 to 45.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 87.00 (86.70 to 87.70): VY0

Ion 59.00 (58.70 to 59.70): VY0





#23

Vinyl Acetate

Concen: 266.383 ug/l

RT: 6.06 min Scan# 734

Delta R.T. -0.00 min

Lab File: VY000024.D

Acq: 12 Sep 2019 13:57

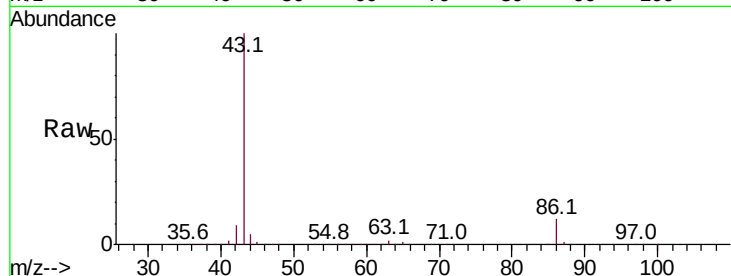
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 43 Resp: 854331

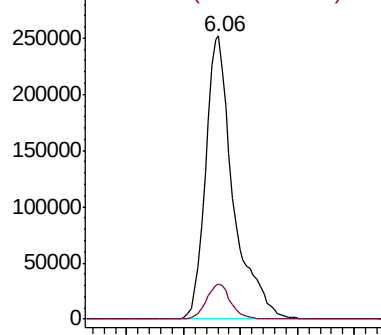
Ion Ratio Lower Upper

43 100

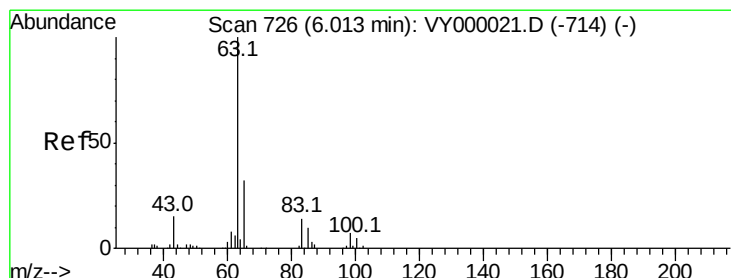
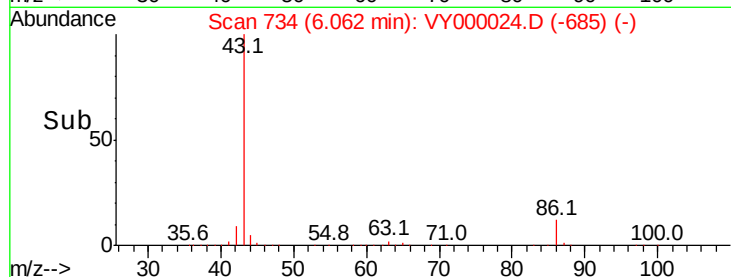
86 12.2 11.0 16.4



Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 86.00 (85.70 to 86.70): VY0



Time-->



#24

1,1-Dichloroethane

Concen: 52.111 ug/l

RT: 6.01 min Scan# 726

Delta R.T. -0.00 min

Lab File: VY000024.D

Acq: 12 Sep 2019 13:57

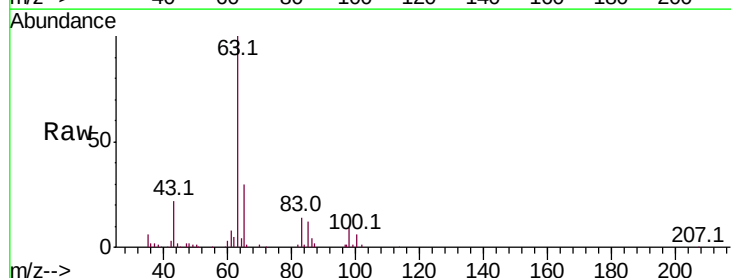
Tgt Ion: 63 Resp: 143163

Ion Ratio Lower Upper

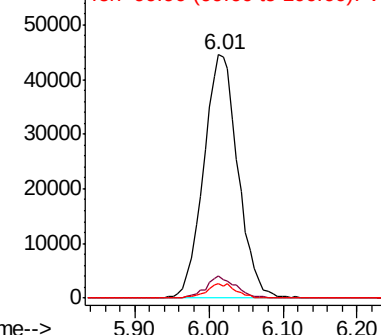
63 100

98 9.1 3.8 11.2

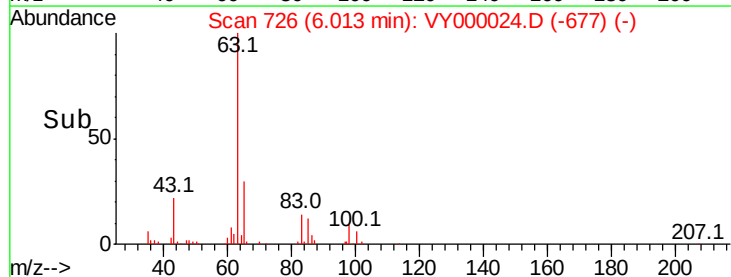
100 6.2 2.6 8.0

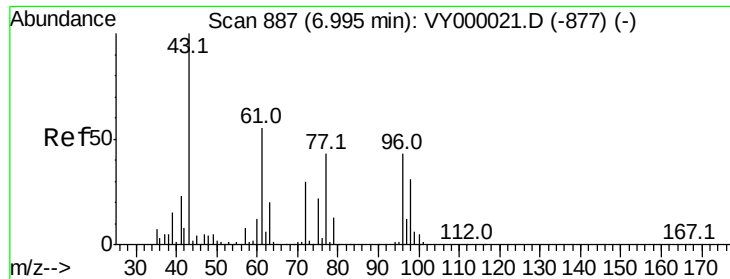


Abundance Ion 62.90 (62.60 to 63.60): VY0
Ion 97.90 (97.60 to 98.60): VY0
Ion 99.90 (99.60 to 100.60): VY0



Time-->





#25

2-Butanone

Concen: 268.054 ug/l

RT: 6.99 min Scan# 886

Delta R.T. -0.01 min

Lab File: VY000024.D

Acq: 12 Sep 2019 13:57

Instrument :

MSVOA_Y

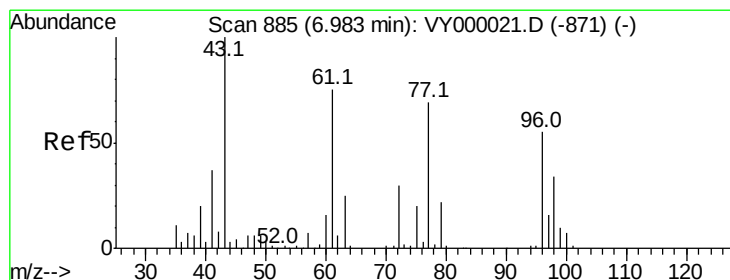
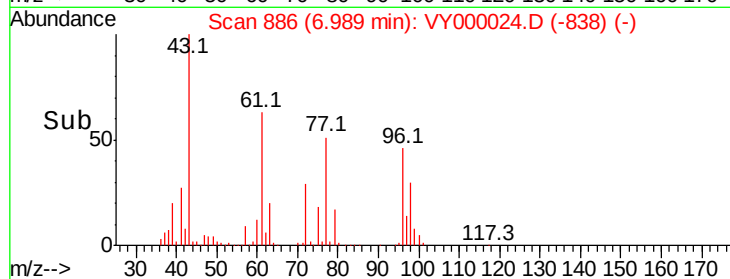
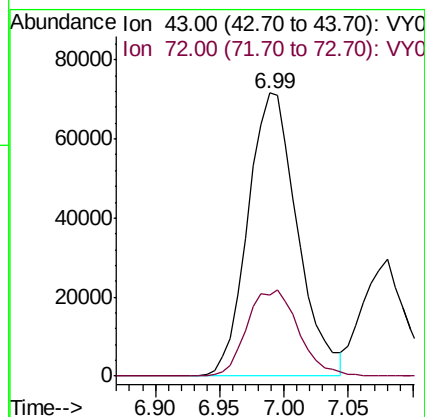
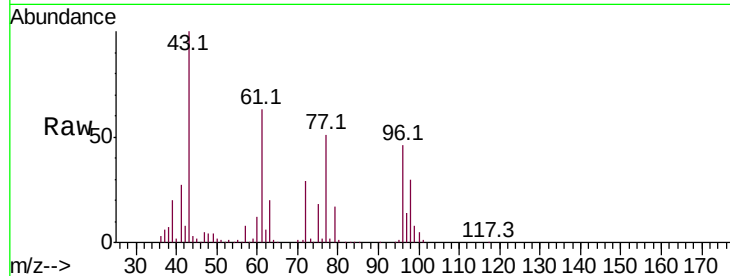
ClientSampleId :

Tot Ion: 43 Resp: 191000

Ion Ratio Lower Upper

43 100

72 28.7 24.1 36.1



#26

2,2-Dichloropropane

Concen: 50.230 ug/l

RT: 6.98 min Scan# 885

Delta R.T. -0.00 min

Lab File: VY000024.D

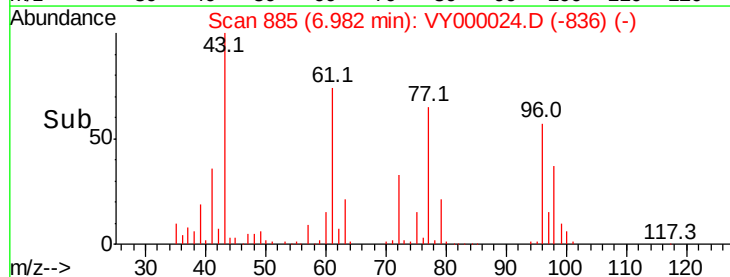
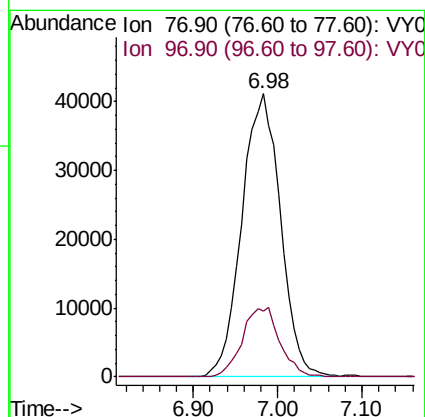
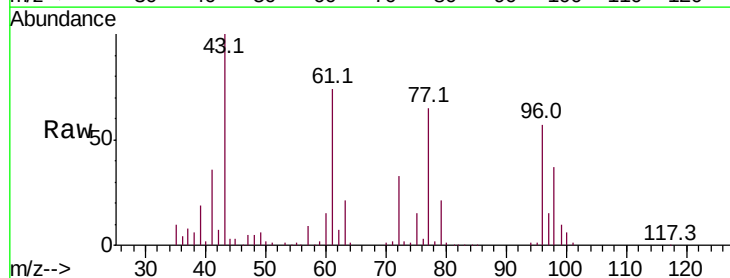
Acq: 12 Sep 2019 13:57

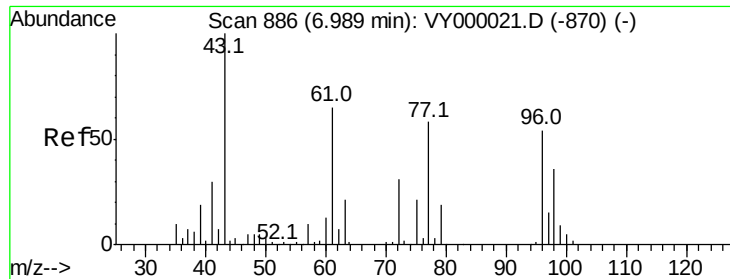
Tgt Ion: 77 Resp: 128195

Ion Ratio Lower Upper

77 100

97 23.7 12.0 36.1



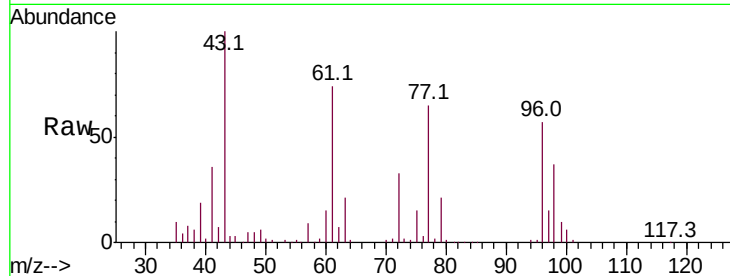


#27

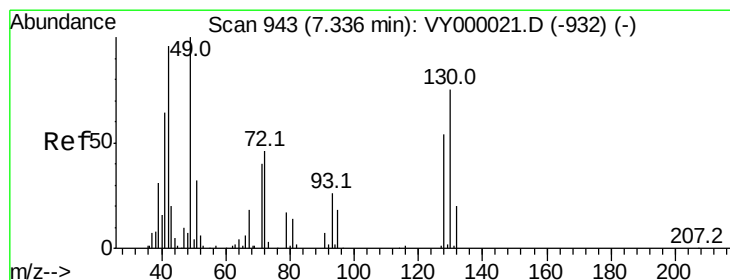
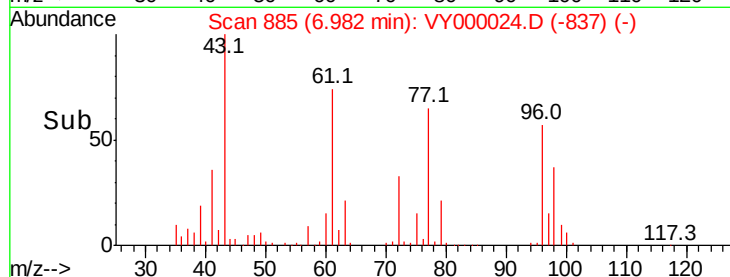
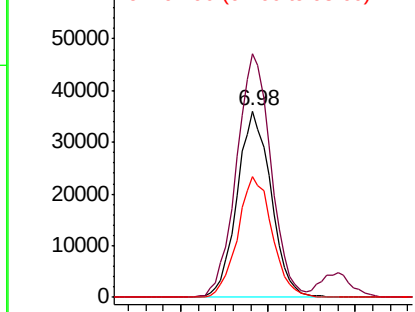
cis-1,2-Dichloroethene
Concen: 51.569 ug/l
RT: 6.98 min Scan# 885
Delta R.T. -0.01 min
Lab File: VY000024.D
Acq: 12 Sep 2019 13:57

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 96 Resp: 97442
Ion Ratio Lower Upper
96 100
61 132.8 0.0 259.2
98 65.5 0.0 127.4



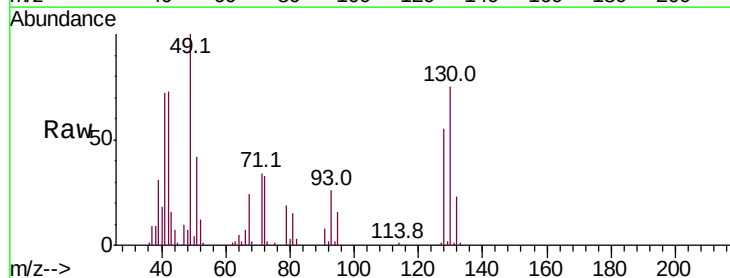
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



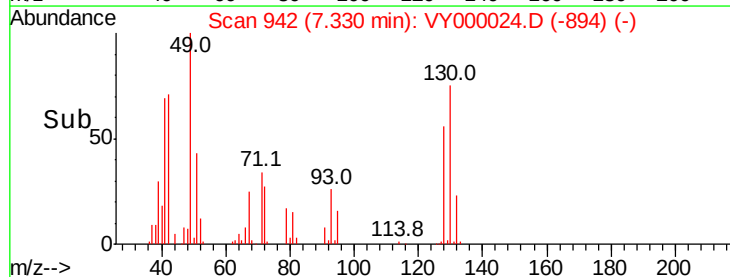
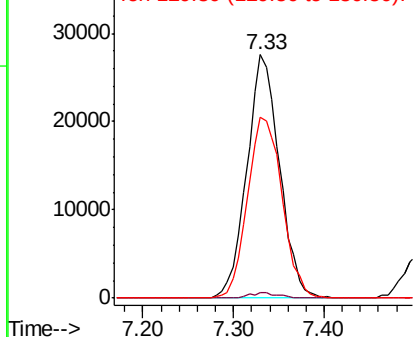
#28

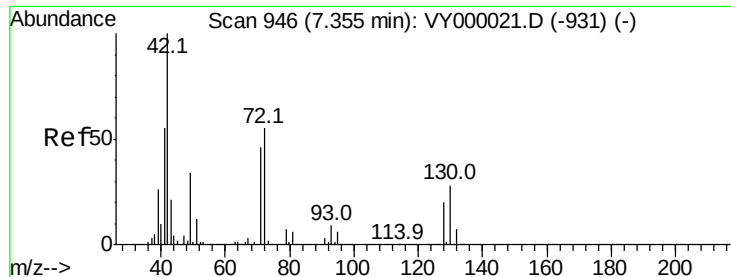
Bromochloromethane
Concen: 54.333 ug/l
RT: 7.33 min Scan# 942
Delta R.T. -0.01 min
Lab File: VY000024.D
Acq: 12 Sep 2019 13:57

Tgt Ion: 49 Resp: 68552
Ion Ratio Lower Upper
49 100
129 1.8 0.0 1.8#
130 79.0 62.5 93.7



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





#29

Tetrahydrofuran

Concen: 256.945 ug/l

RT: 7.35 min Scan# 945

Delta R.T. -0.01 min

Lab File: VY000024.D

Acq: 12 Sep 2019 13:57

Instrument :
MSVOA_Y
ClientSampled :

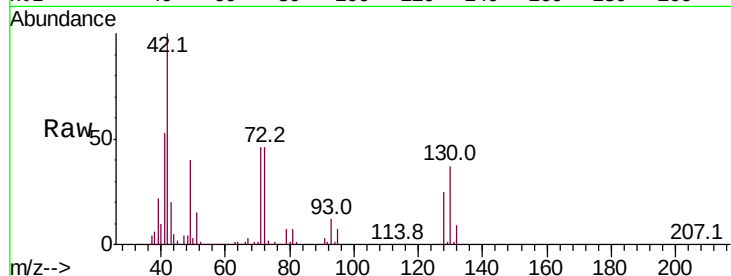
Tot Ion: 42 Resp: 108911

Ion Ratio Lower Upper

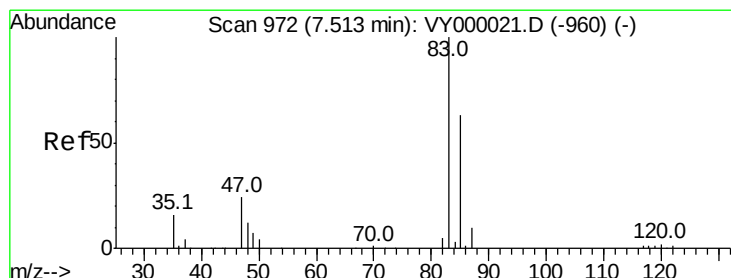
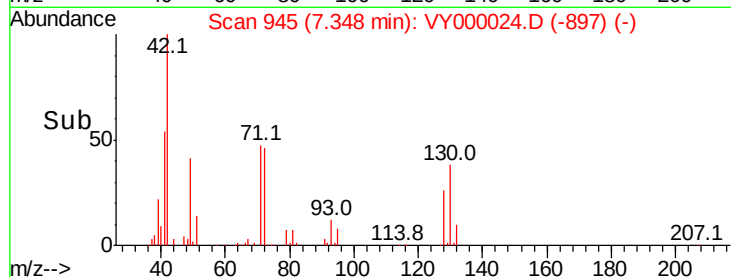
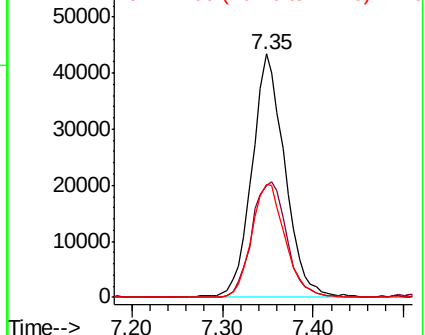
42 100

72 50.5 41.1 61.7

71 47.6 36.5 54.7



Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0



#30

Chloroform

Concen: 51.357 ug/l

RT: 7.51 min Scan# 971

Delta R.T. -0.01 min

Lab File: VY000024.D

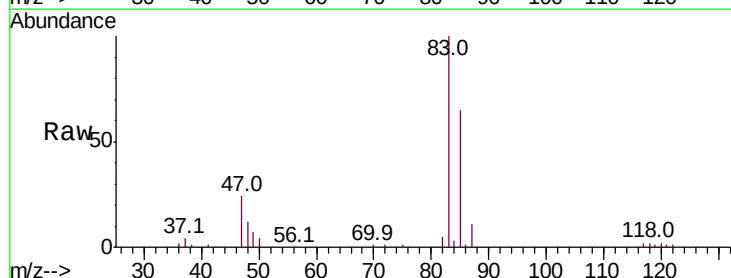
Acq: 12 Sep 2019 13:57

Tgt Ion: 83 Resp: 145499

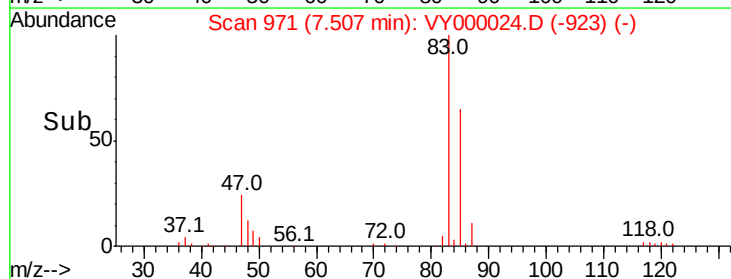
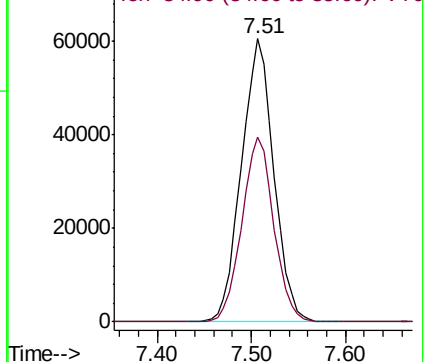
Ion Ratio Lower Upper

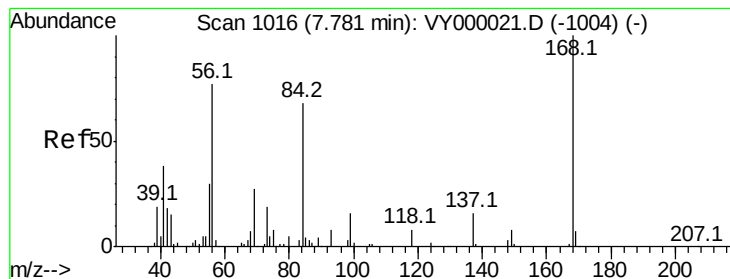
83 100

85 65.5 50.6 76.0



Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 84.90 (84.60 to 85.60): VY0





#31

Cyclohexane

Concen: 53.537 ug/l

RT: 7.77 min Scan# 1015

Delta R.T. -0.01 min

Lab File: VY000024.D

Acq: 12 Sep 2019 13:57

Instrument :
MSVOA_Y
ClientSampled :

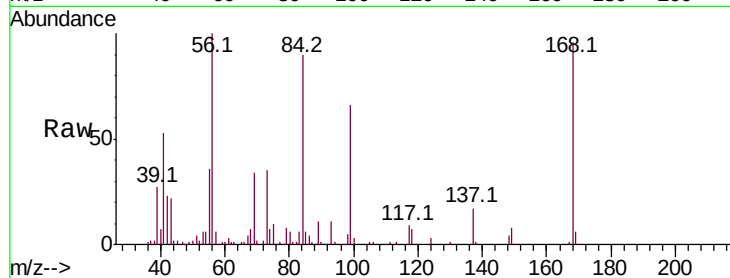
Tot Ion: 56 Resp: 107647

Ion Ratio Lower Upper

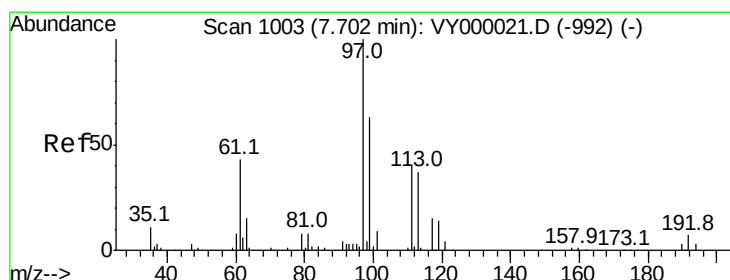
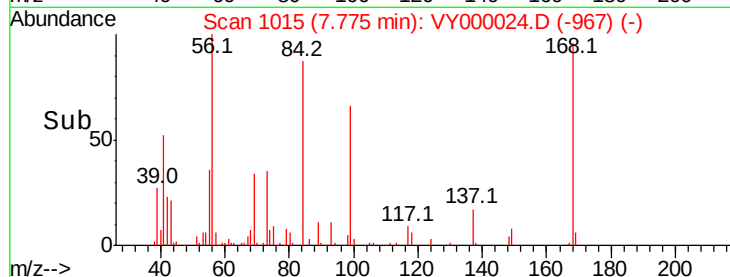
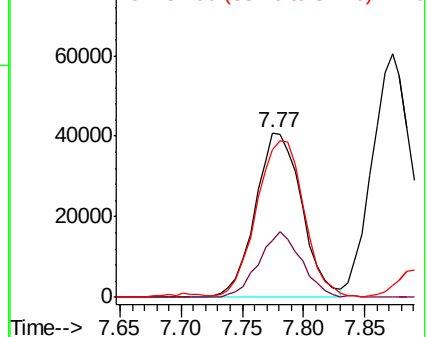
56 100

69 34.3 28.0 42.0

84 87.9 70.4 105.6



Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0



#32

1,1,1-Trichloroethane

Concen: 51.945 ug/l

RT: 7.70 min Scan# 1003

Delta R.T. -0.00 min

Lab File: VY000024.D

Acq: 12 Sep 2019 13:57

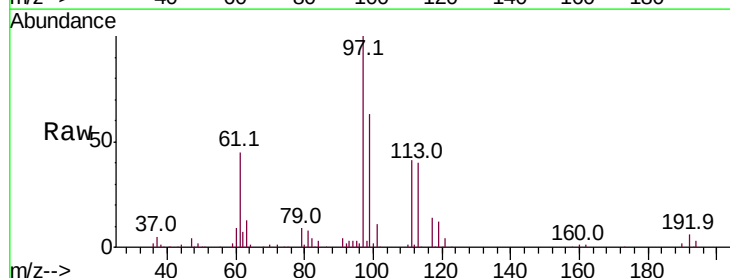
Tgt Ion: 97 Resp: 120721

Ion Ratio Lower Upper

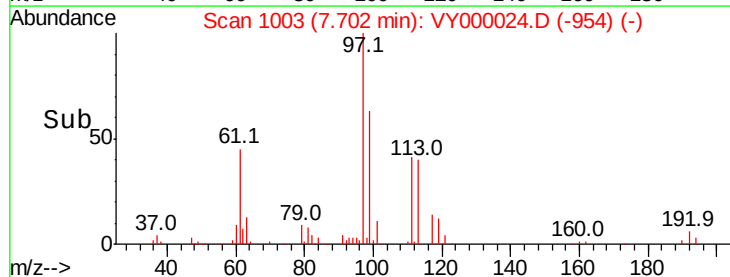
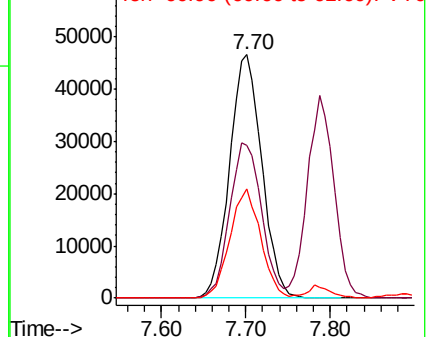
97 100

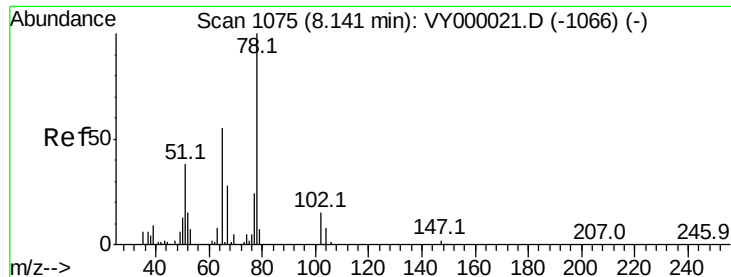
99 63.3 51.0 76.6

61 42.9 35.7 53.5



Abundance Ion 96.90 (96.60 to 97.60): VY0
Ion 98.90 (98.60 to 99.60): VY0
Ion 60.90 (60.60 to 61.60): VY0

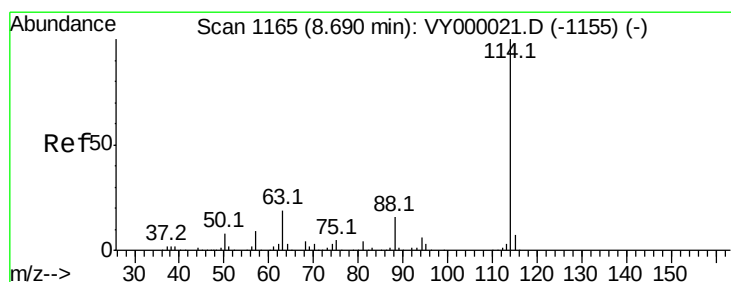
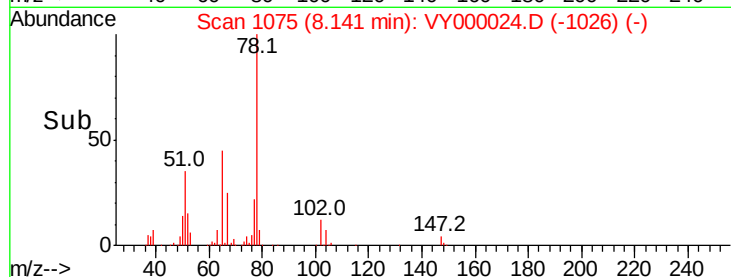
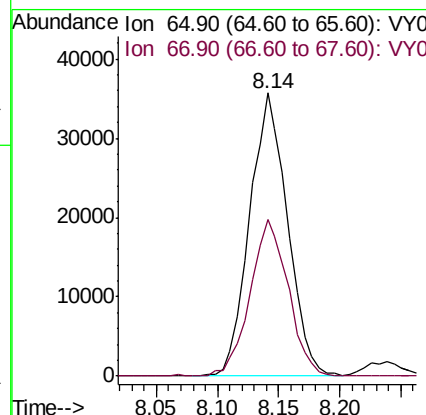
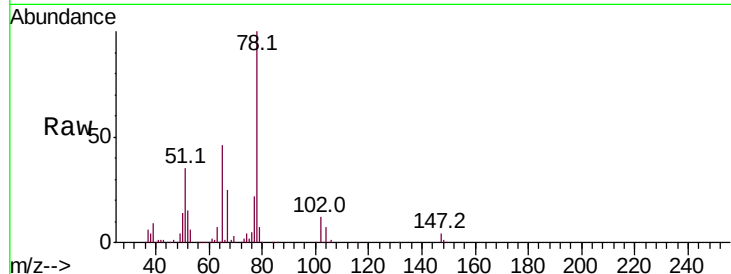




#33
 1,2-Dichloroethane-d4
 Concen: 48.672 ug/l
 RT: 8.14 min Scan# 1075
 Delta R.T. -0.00 min
 Lab File: VY000024.D
 Acq: 12 Sep 2019 13:57

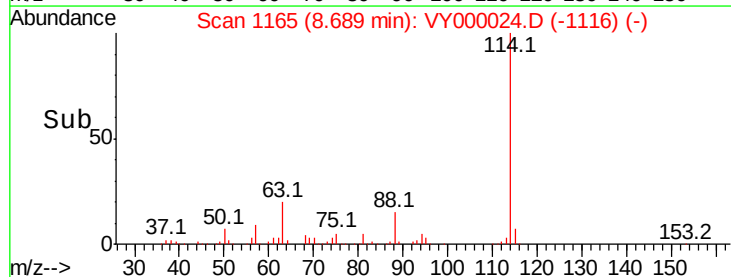
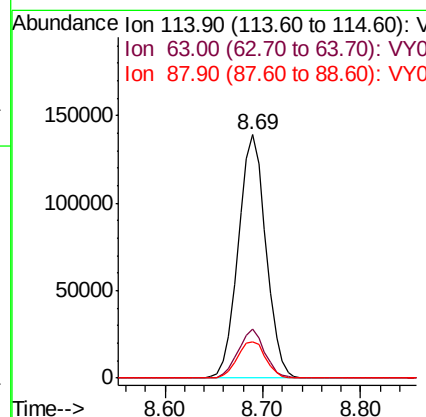
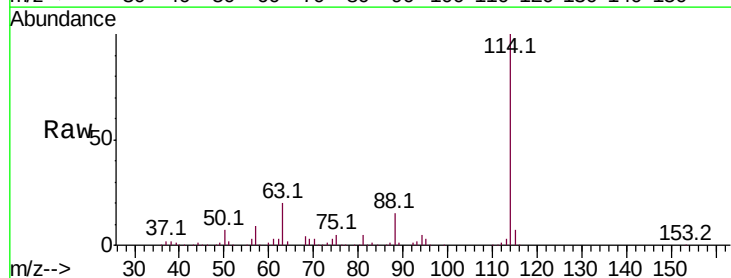
Instrument :
 MSVOA_Y
 ClientSampleId :

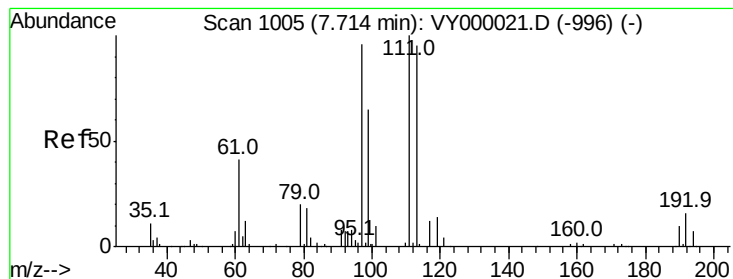
Tot Ion: 65 Resp: 76952
 Ion Ratio Lower Upper
 65 100
 67 55.5 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1165
 Delta R.T. -0.00 min
 Lab File: VY000024.D
 Acq: 12 Sep 2019 13:57

Tgt Ion: 114 Resp: 271690
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 38.6
 88 14.6 0.0 31.8





#35

Dibromofluoromethane

Concen: 47.442 ug/l

RT: 7.71 min Scan# 1005

Delta R.T. -0.00 min

Lab File: VY000024.D

Acq: 12 Sep 2019 13:57

Instrument :

MSVOA_Y

ClientSampled :

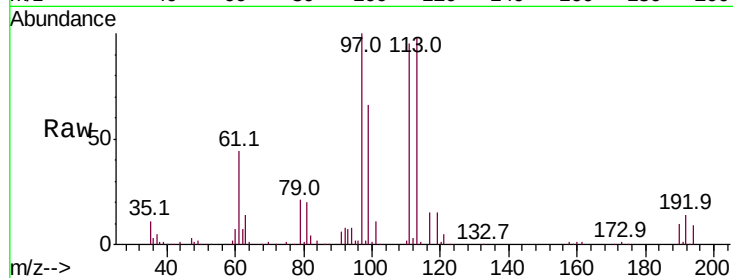
Tot Ion:113 Resp: 73947

Ion Ratio Lower Upper

113 100

111 101.6 83.9 125.9

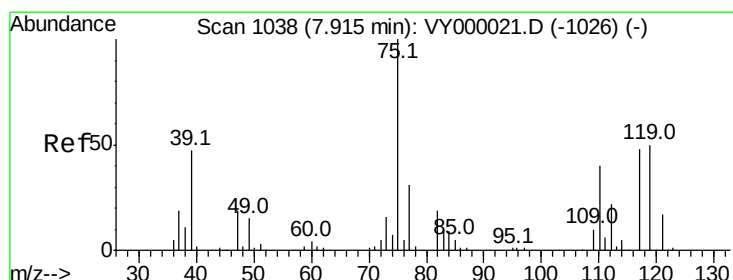
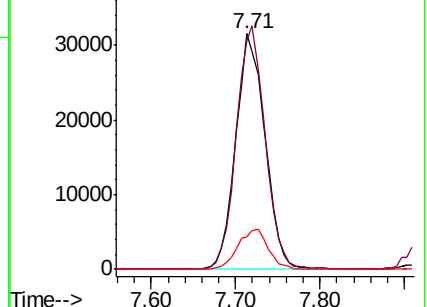
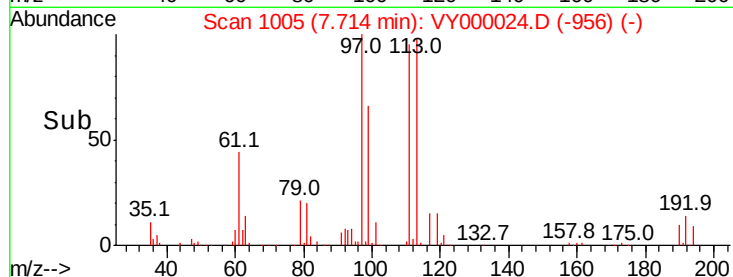
192 17.4 14.5 21.7



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: 51.325 ug/l

RT: 7.92 min Scan# 1038

Delta R.T. -0.00 min

Lab File: VY000024.D

Acq: 12 Sep 2019 13:57

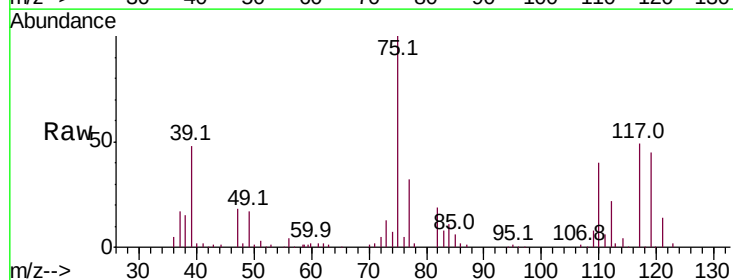
Tgt Ion: 75 Resp: 102382

Ion Ratio Lower Upper

75 100

110 38.3 18.6 55.8

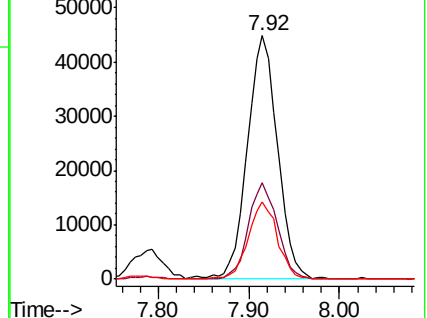
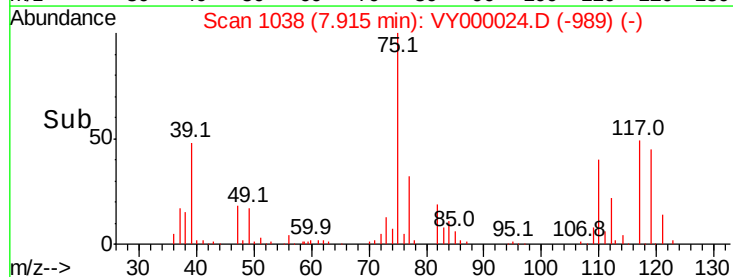
77 30.9 24.4 36.6

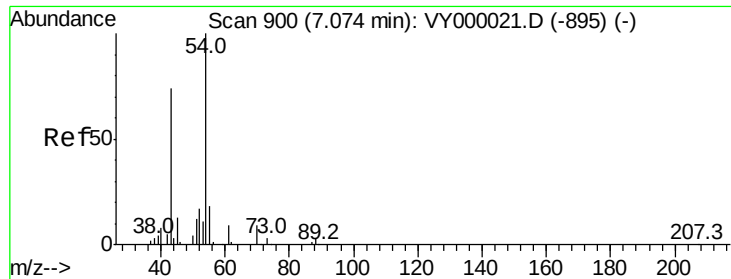


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

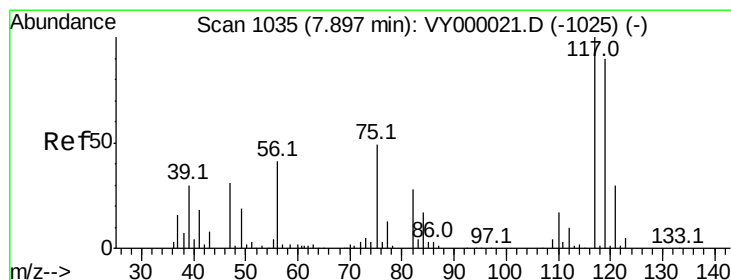
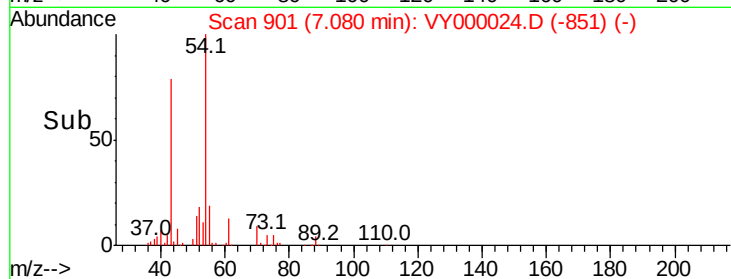
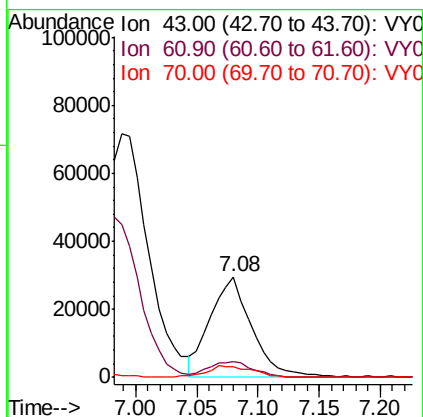
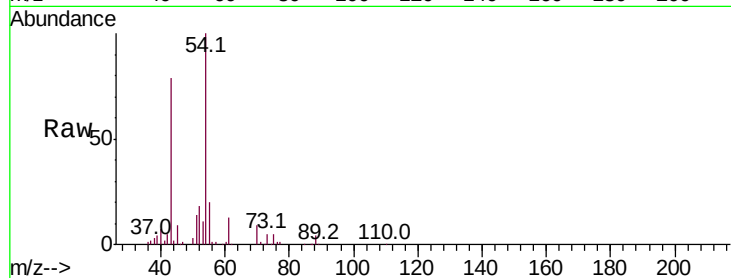




#37
Ethyl Acetate
Concen: 51.265 ug/l
RT: 7.08 min Scan# 901
Delta R.T. 0.01 min
Lab File: VY000024.D
Acq: 12 Sep 2019 13:57

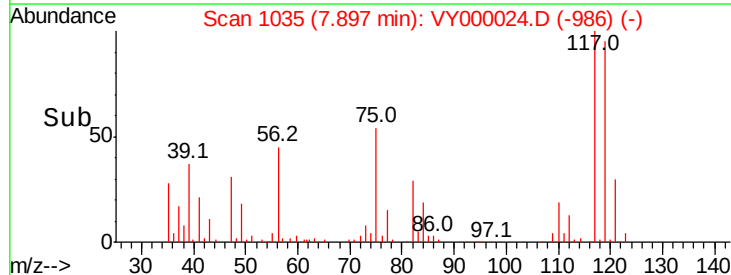
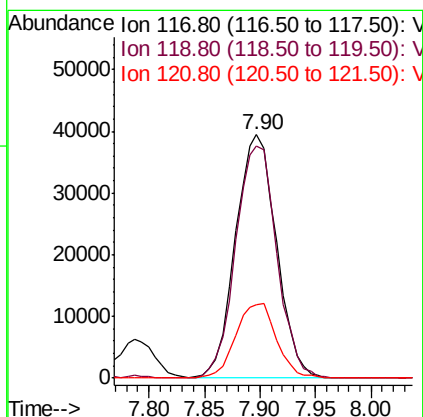
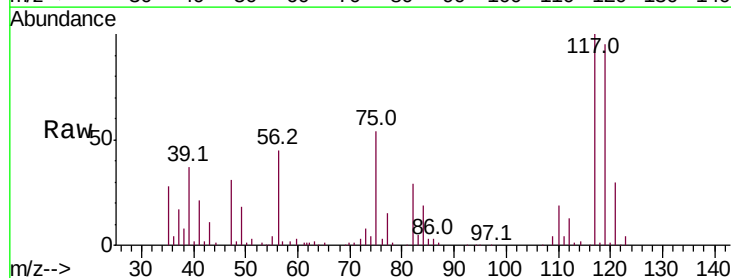
Instrument :
MSVOA_Y
ClientSampled :

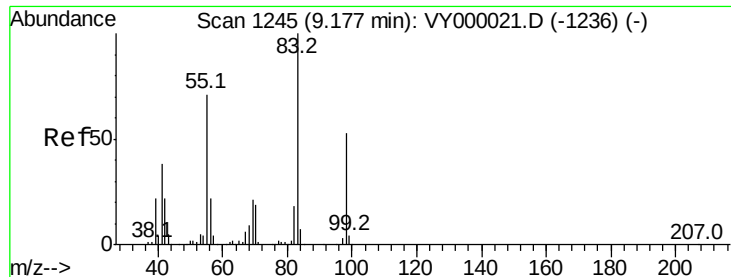
Tot Ion: 43 Resp: 68960
Ion Ratio Lower Upper
43 100
61 17.4 13.1 19.7
70 12.9 10.9 16.3



#38
Carbon Tetrachloride
Concen: 53.549 ug/l
RT: 7.90 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VY000024.D
Acq: 12 Sep 2019 13:57

Tgt Ion: 117 Resp: 100829
Ion Ratio Lower Upper
117 100
119 95.3 72.1 108.1
121 30.4 23.9 35.9

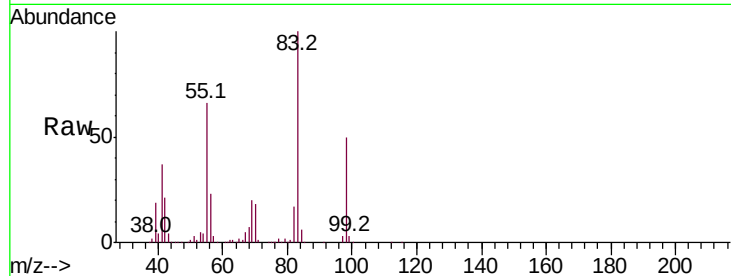




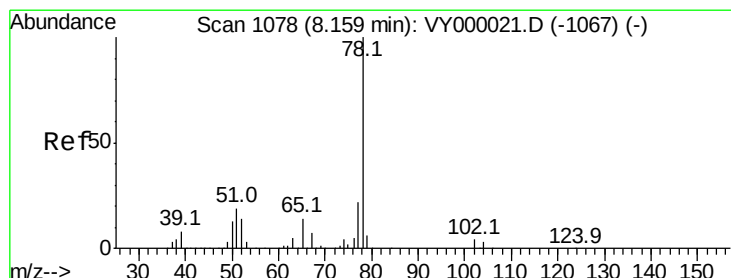
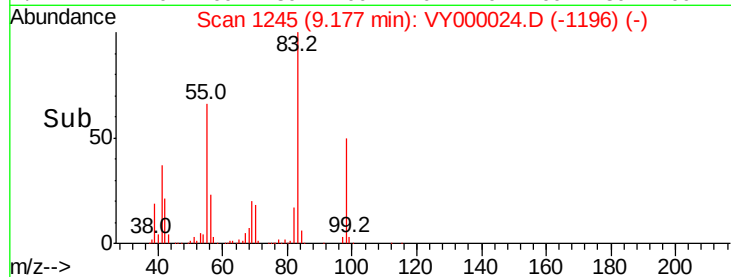
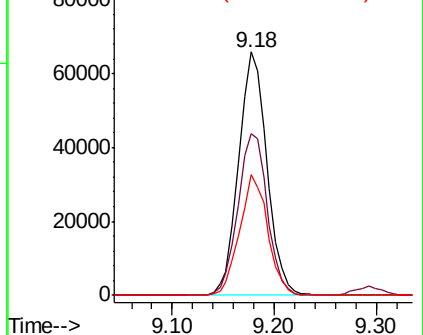
#39
Methylvlcyclohexane
Concen: 51.502 ug/l
RT: 9.18 min Scan# 1245
Delta R.T. -0.00 min
Lab File: VY000024.D
Acq: 12 Sep 2019 13:57

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion	83	Resp	126930
Ion Ratio	Lower	Upper	
83	100		
55	66.3	57.0	85.4
98	49.5	42.0	63.0

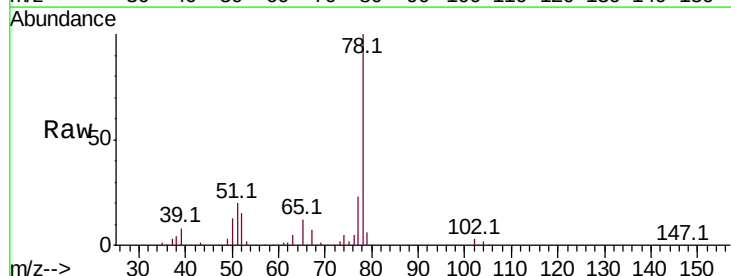


Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

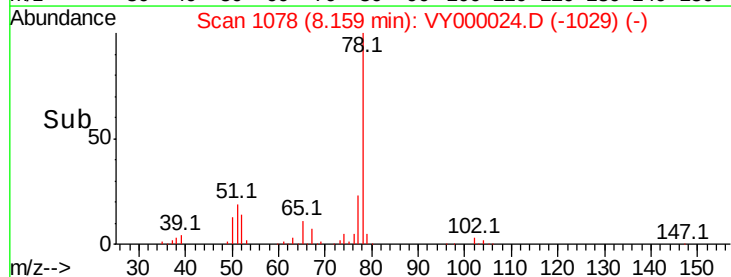
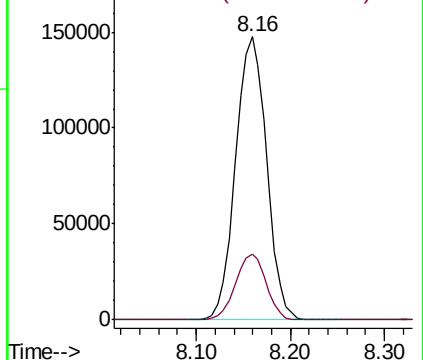


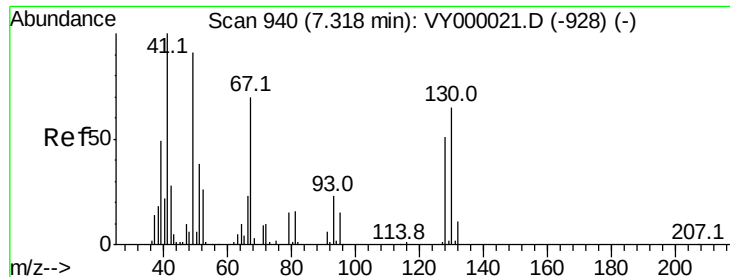
#40
Benzene
Concen: 52.161 ug/l
RT: 8.16 min Scan# 1078
Delta R.T. -0.00 min
Lab File: VY000024.D
Acq: 12 Sep 2019 13:57

Tgt Ion	78	Resp	338758
Ion Ratio	Lower	Upper	
78	100		
77	23.3	17.8	26.6



Abundance Ion 78.00 (77.70 to 78.70): VY0
Ion 77.00 (76.70 to 77.70): VY0





#41

Methacrylonitrile

Concen: 42.091 ug/l

RT: 7.31 min Scan# 939

Delta R.T. -0.01 min

Lab File: VY000024.D

Acq: 12 Sep 2019 13:57

Instrument :

MSVOA_Y

ClientSampleId :

Tot Ion: 41 Resp: 32941

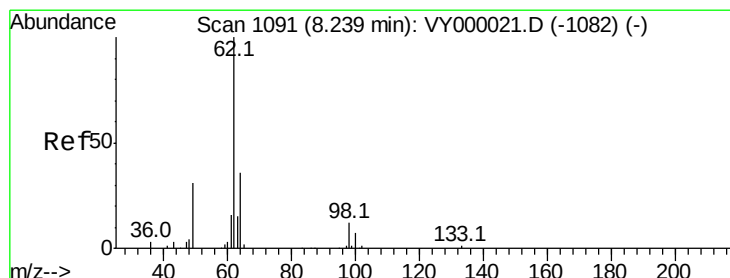
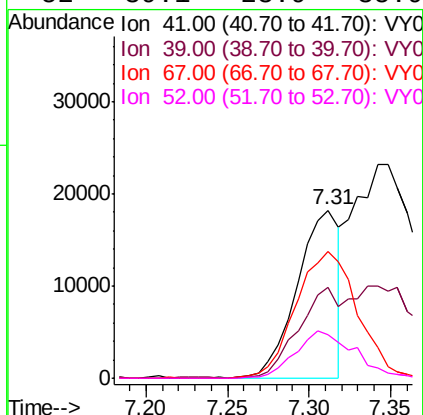
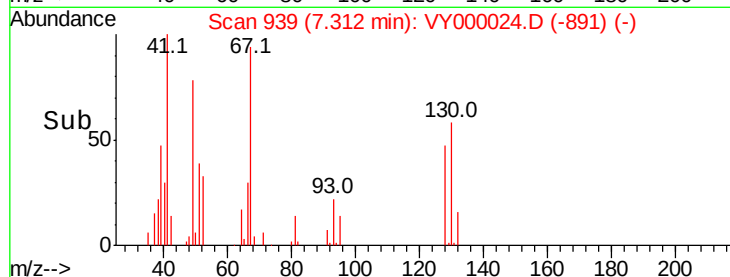
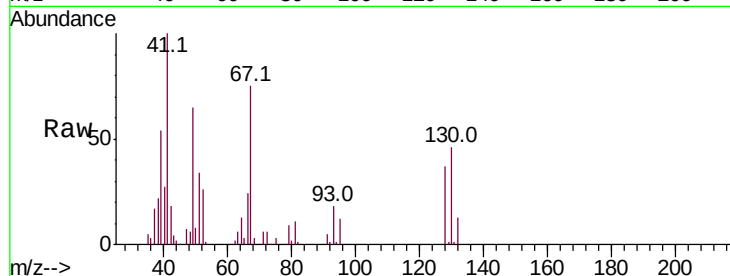
Ion Ratio Lower Upper

41 100

39 51.0 41.8 62.6

67 109.6 65.8 98.6#

52 39.1 23.9 35.9#



#42

1,2-Dichloroethane

Concen: 54.240 ug/l

RT: 8.24 min Scan# 1091

Delta R.T. -0.00 min

Lab File: VY000024.D

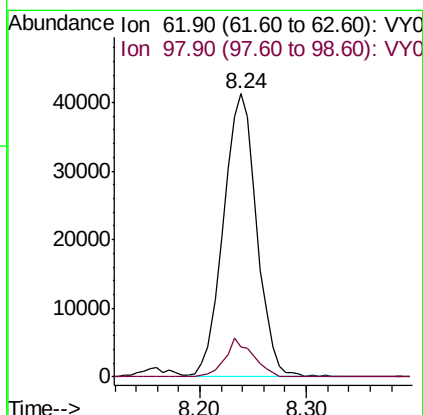
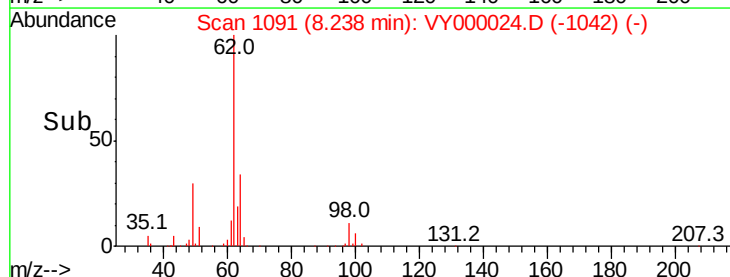
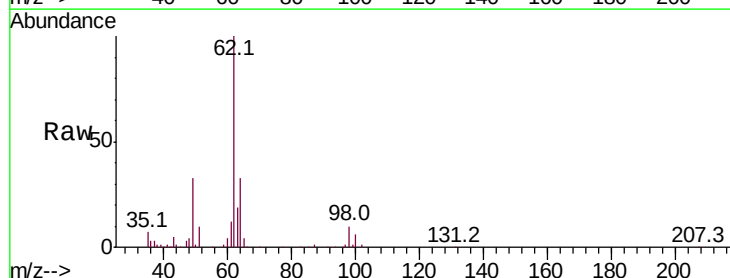
Acq: 12 Sep 2019 13:57

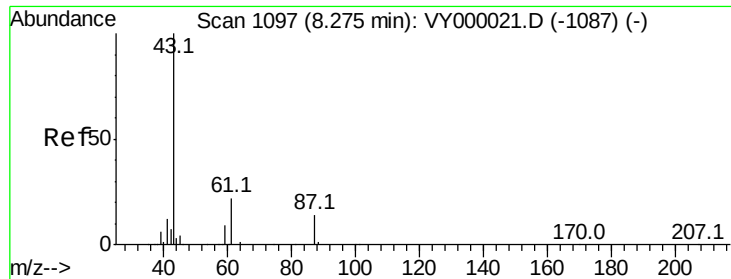
Tgt Ion: 62 Resp: 90022

Ion Ratio Lower Upper

62 100

98 11.4 0.0 23.2

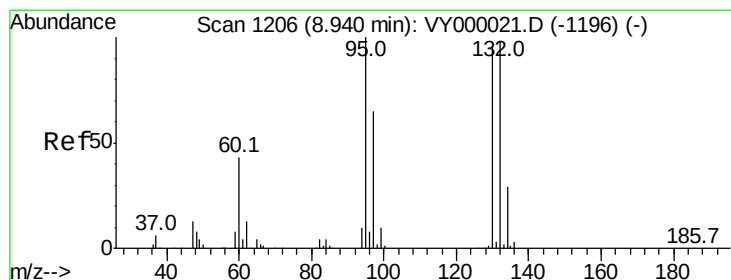
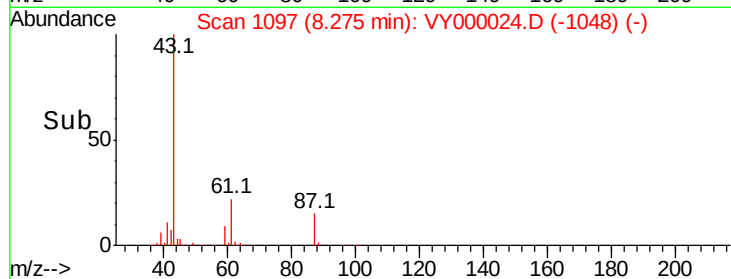
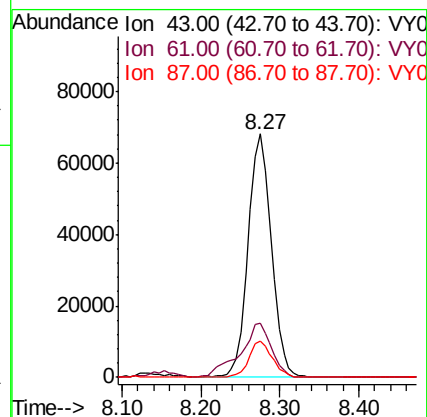
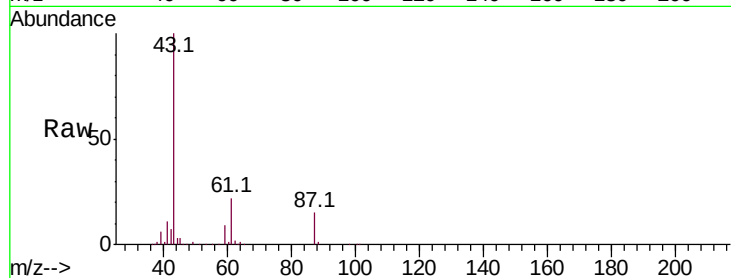




#43
Isopropyl Acetate
Concen: 54.056 ug/l
RT: 8.27 min Scan# 1097
Delta R.T. -0.00 min
Lab File: VY000024.D
Acq: 12 Sep 2019 13:57

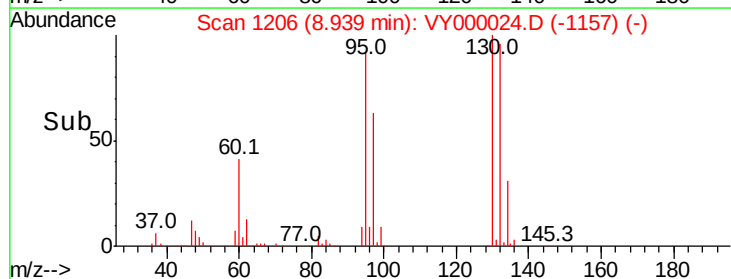
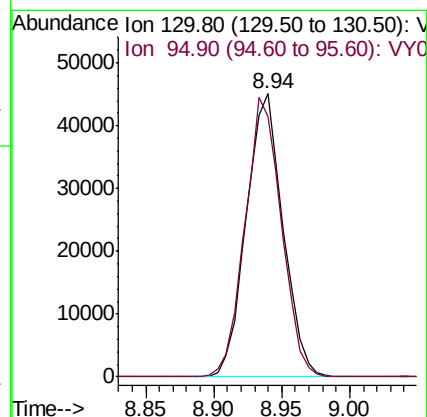
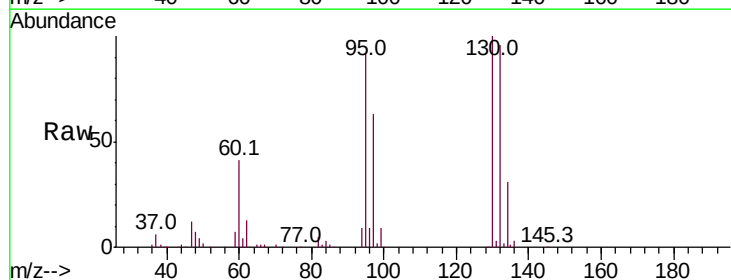
Instrument :
MSVOA_Y
ClientSampleId :

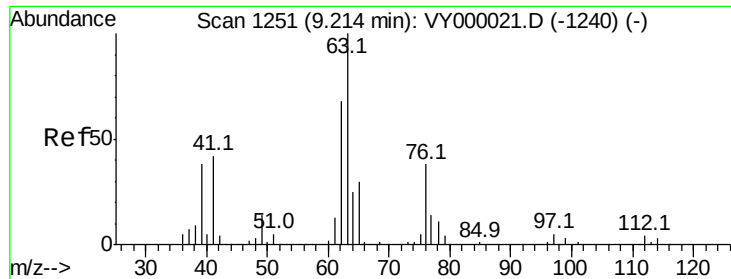
Tot Ion	Ratio	Lower	Upper
43	100		
61	29.8	24.9	37.3
87	14.7	12.3	18.5



#44
Trichloroethene
Concen: 52.582 ug/l
RT: 8.94 min Scan# 1206
Delta R.T. -0.00 min
Lab File: VY000024.D
Acq: 12 Sep 2019 13:57

Tgt Ion	Ratio	Lower	Upper
130	100		
95	91.9	0.0	207.4

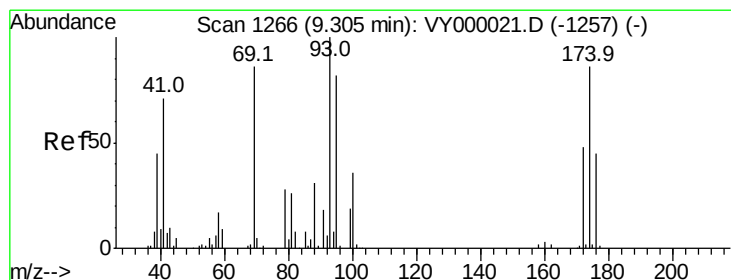
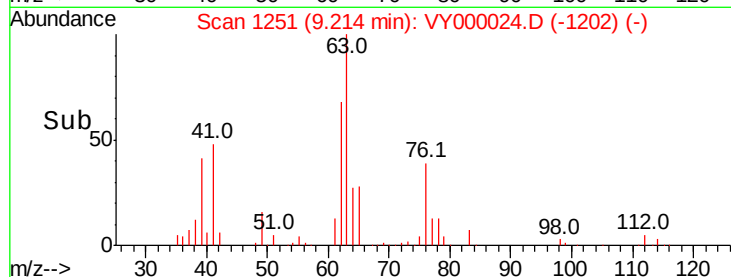
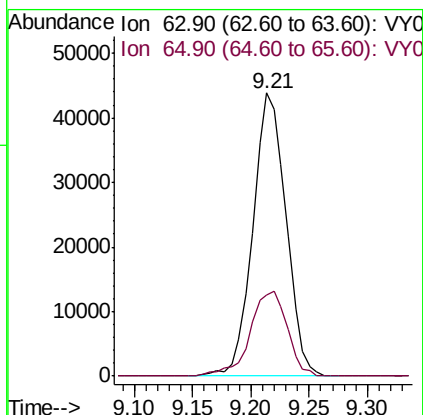
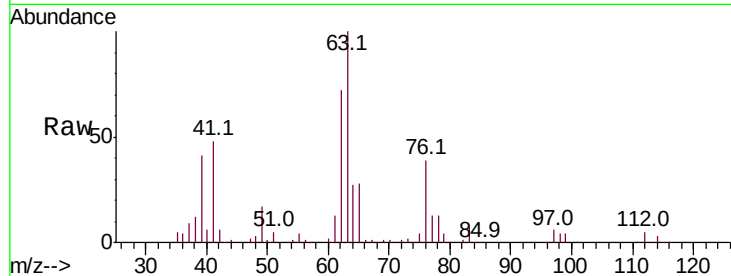




#45
 1,2-Dichloropropane
 Concen: 51.708 ug/l
 RT: 9.21 min Scan# 1251
 Delta R.T. -0.00 min
 Lab File: VY000024.D
 Acq: 12 Sep 2019 13:57

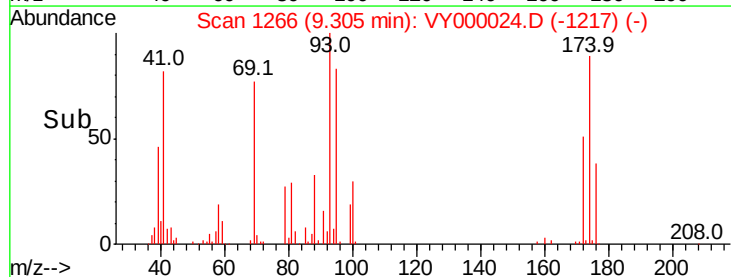
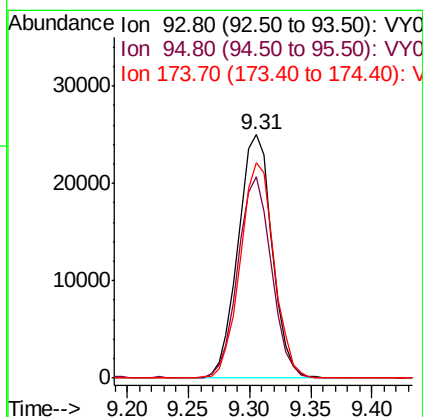
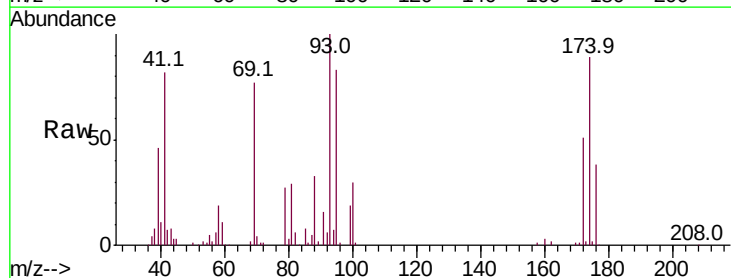
Instrument :
 MSVOA_Y
 ClientSampled :

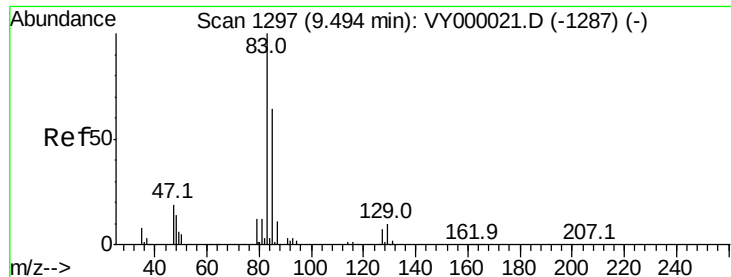
Tot Ion: 63 Resp: 86591
 Ion Ratio Lower Upper
 63 100
 65 28.4 24.1 36.1



#46
 Dibromomethane
 Concen: 52.077 ug/l
 RT: 9.31 min Scan# 1266
 Delta R.T. -0.00 min
 Lab File: VY000024.D
 Acq: 12 Sep 2019 13:57

Tgt Ion: 93 Resp: 48400
 Ion Ratio Lower Upper
 93 100
 95 81.3 67.0 100.6
 174 87.7 68.8 103.2





#47

Bromodichloromethane

Concen: 52.542 ug/l

RT: 9.50 min Scan# 1298

Delta R.T. 0.01 min

Lab File: VY000024.D

Acq: 12 Sep 2019 13:57

Instrument :

MSVOA_Y

ClientSampleId :

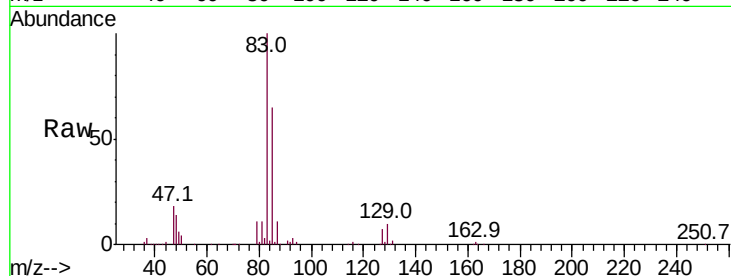
Tot Ion: 83 Resp: 116568

Ion Ratio Lower Upper

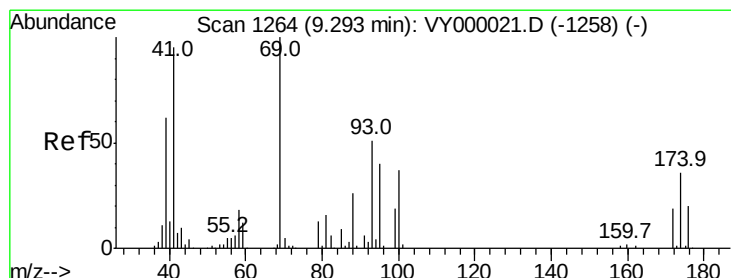
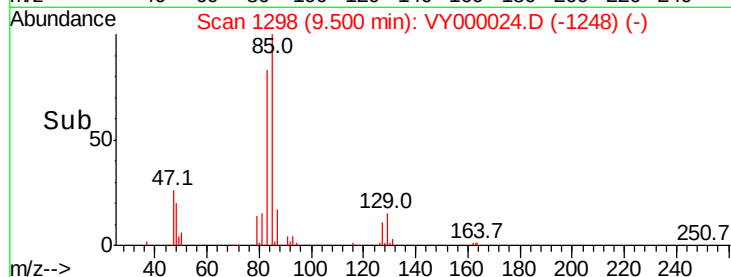
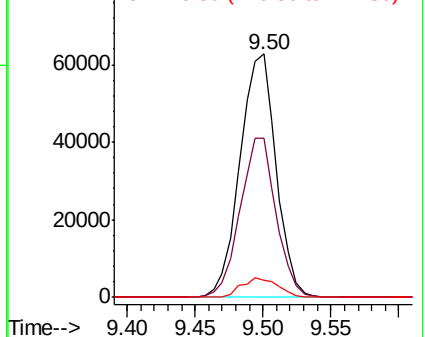
83 100

85 65.3 51.4 77.2

127 7.0 5.4 8.2



Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 84.90 (84.60 to 85.60): VY0
Ion 126.80 (126.50 to 127.50): VY0



#48

Methyl methacrylate

Concen: 52.917 ug/l

RT: 9.29 min Scan# 1264

Delta R.T. -0.00 min

Lab File: VY000024.D

Acq: 12 Sep 2019 13:57

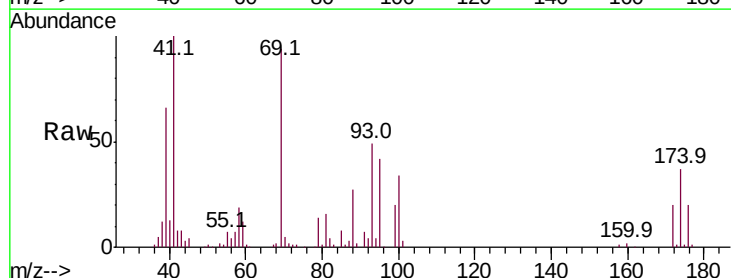
Tgt Ion: 41 Resp: 60868

Ion Ratio Lower Upper

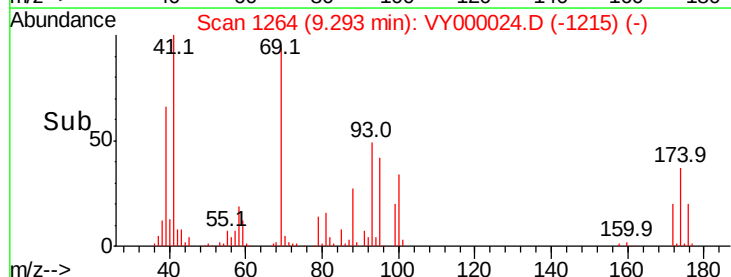
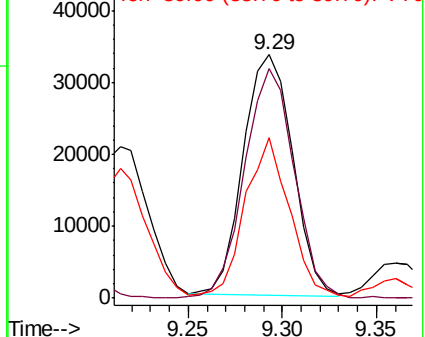
41 100

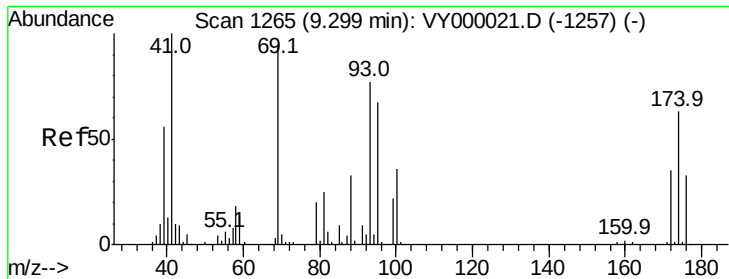
69 96.2 79.7 119.5

39 60.8 48.6 72.8



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





#49

1,4-Dioxane

Concen: 998.071 ug/l

RT: 9.29 min Scan# 1264

Delta R.T. -0.01 min

Lab File: VY000024.D

Acq: 12 Sep 2019 13:57

Instrument :
MSVOA_Y
ClientSampled :

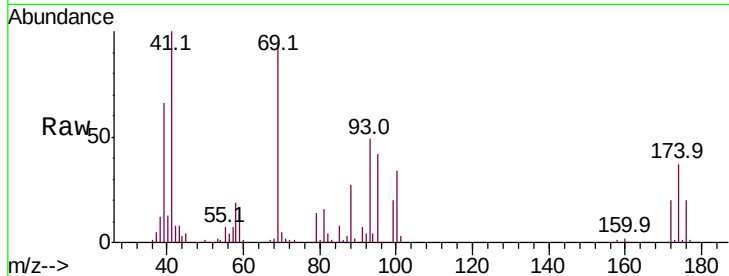
Tot Ion: 88 Resp: 19426

Ion Ratio Lower Upper

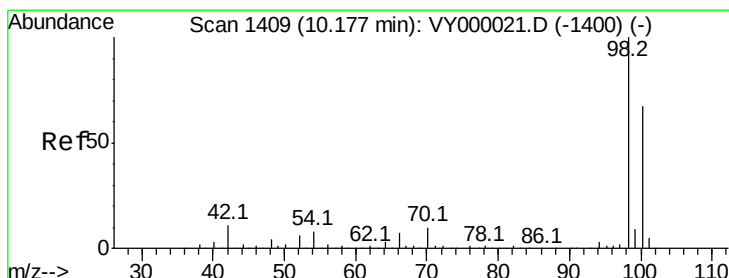
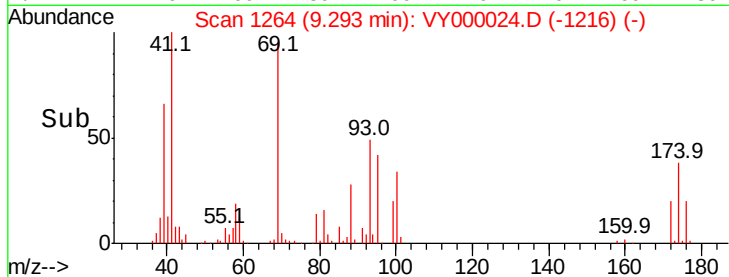
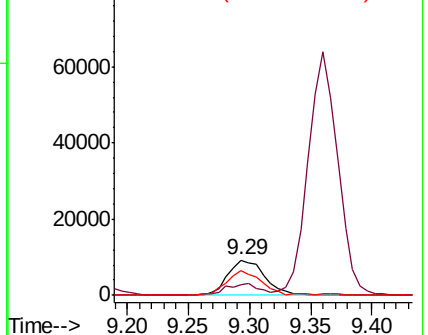
88 100

43 29.2 24.6 37.0

58 67.5 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: 50.376 ug/l

RT: 10.18 min Scan# 1409

Delta R.T. -0.00 min

Lab File: VY000024.D

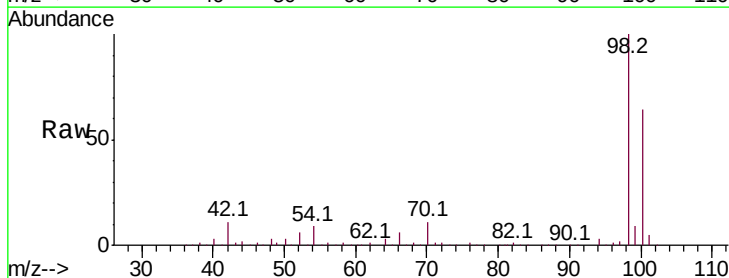
Acq: 12 Sep 2019 13:57

Tgt Ion: 98 Resp: 316138

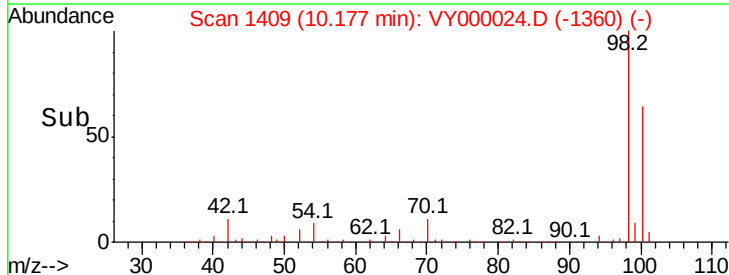
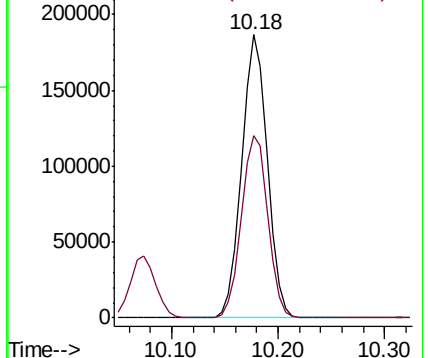
Ion Ratio Lower Upper

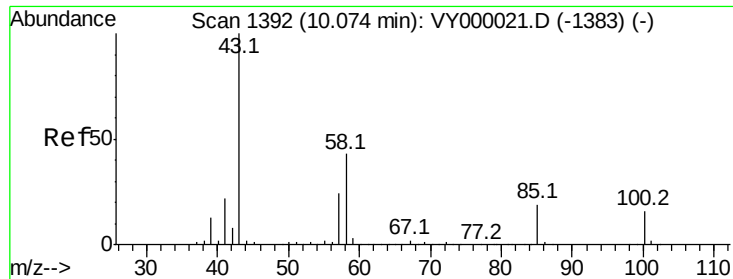
98 100

100 66.4 54.0 81.0



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

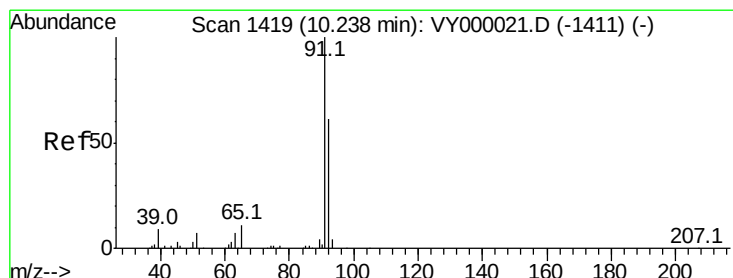
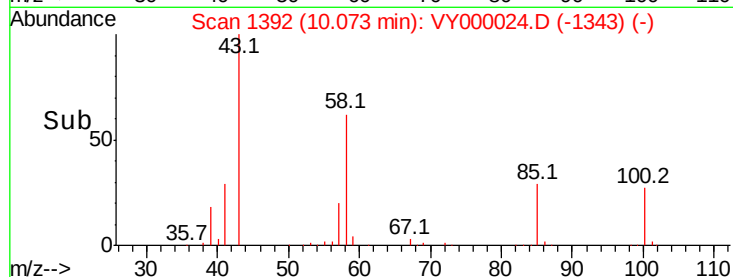
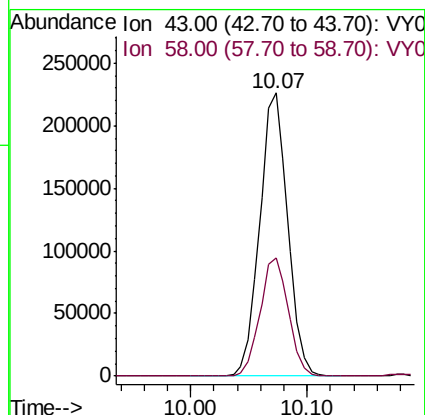
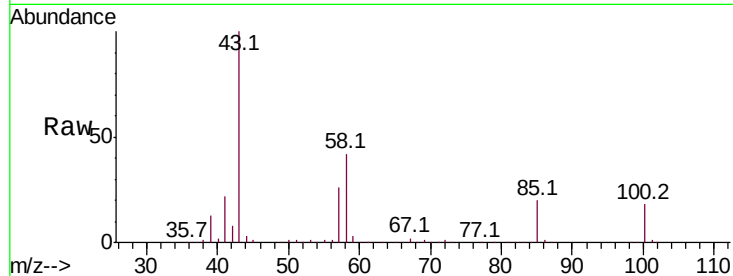




#51
4-Methyl-2-Pentanone
Concen: 260.063 ug/l
RT: 10.07 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VY000024.D
Acq: 12 Sep 2019 13:57

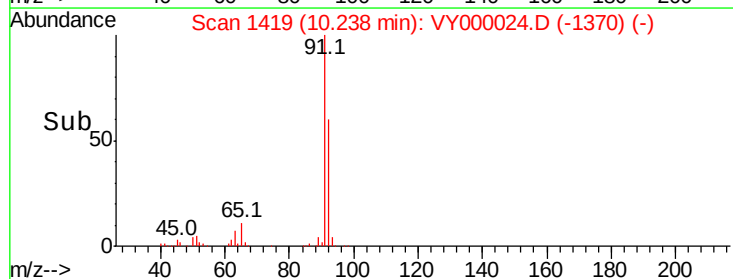
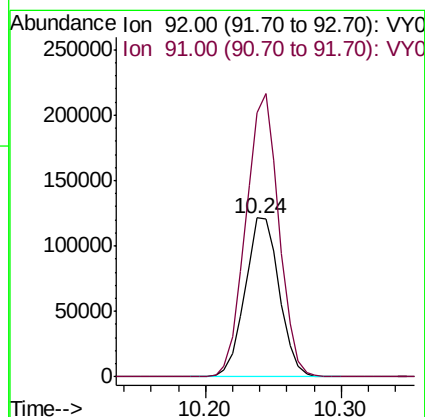
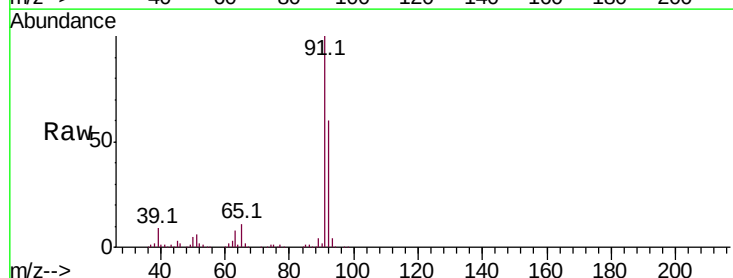
Instrument :
MSVOA_Y
ClientSampled :

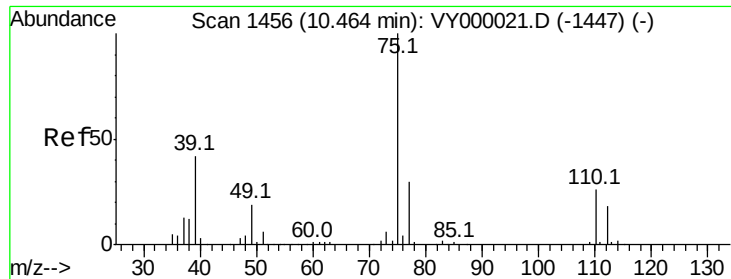
Tot Ion: 43 Resp: 379854
Ion Ratio Lower Upper
43 100
58 42.2 34.1 51.1



#52
Toluene
Concen: 52.437 ug/l
RT: 10.24 min Scan# 1419
Delta R.T. -0.00 min
Lab File: VY000024.D
Acq: 12 Sep 2019 13:57

Tgt Ion: 92 Resp: 213991
Ion Ratio Lower Upper
92 100
91 171.6 136.4 204.6





#53

t-1,3-Dichloropropene

Concen: 53.630 ug/l

RT: 10.46 min Scan# 1456

Delta R.T. -0.00 min

Lab File: VY000024.D

Acq: 12 Sep 2019 13:57

Instrument :

MSVOA_Y

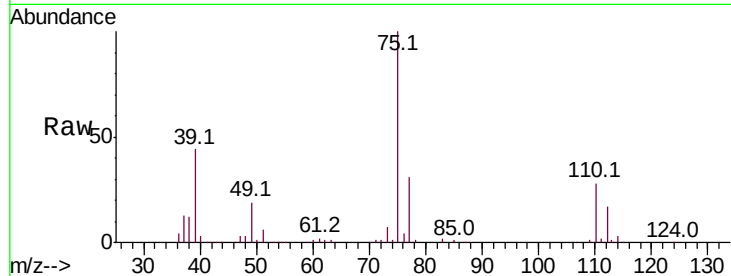
ClientSampleId :

Tot Ion: 75 Resp: 125100

Ion Ratio Lower Upper

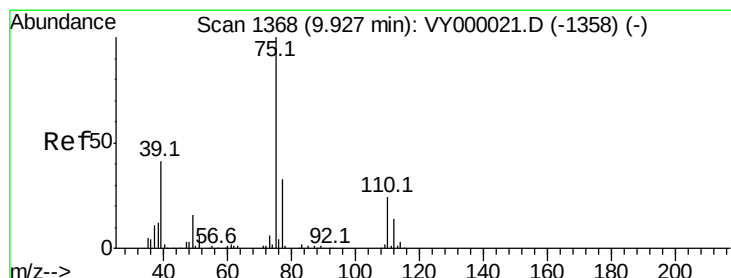
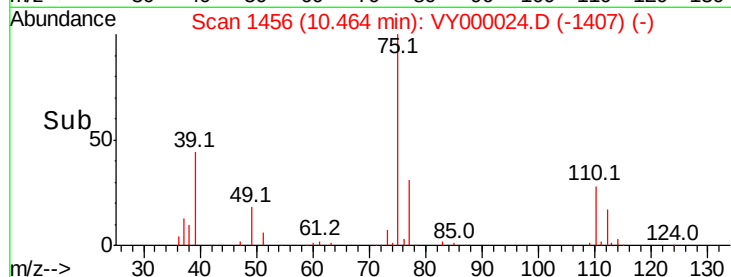
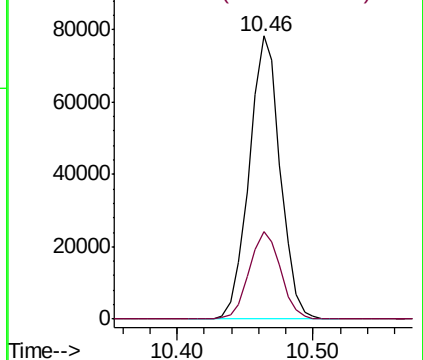
75 100

77 31.2 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: 51.900 ug/l

RT: 9.93 min Scan# 1368

Delta R.T. -0.00 min

Lab File: VY000024.D

Acq: 12 Sep 2019 13:57

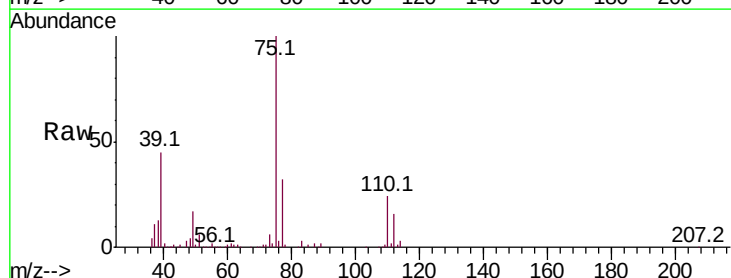
Tgt Ion: 75 Resp: 140871

Ion Ratio Lower Upper

75 100

77 32.5 26.3 39.5

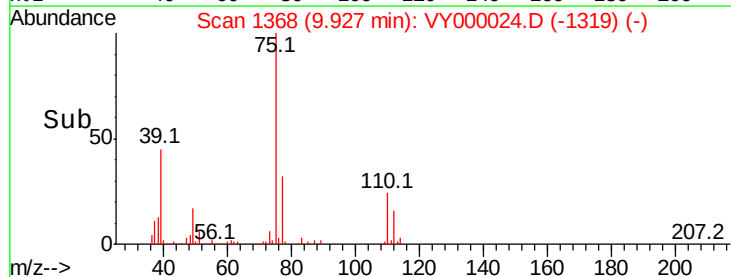
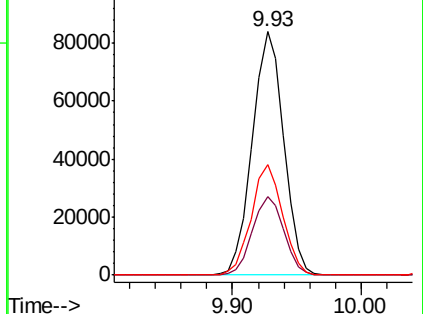
39 45.1 32.9 49.3

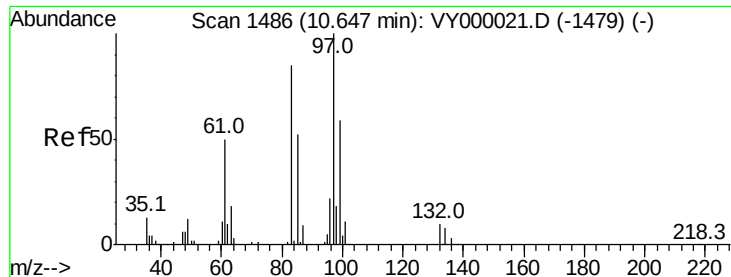


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0

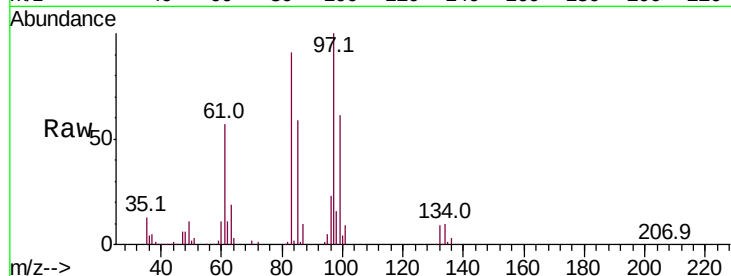




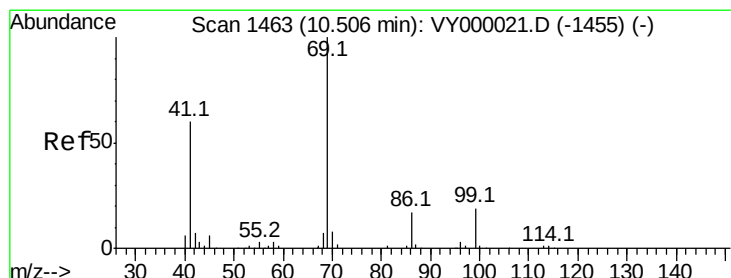
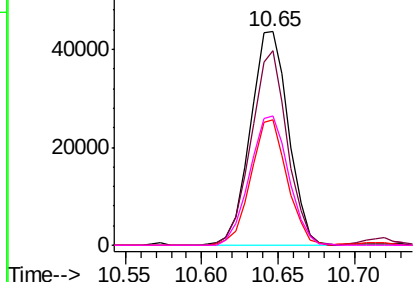
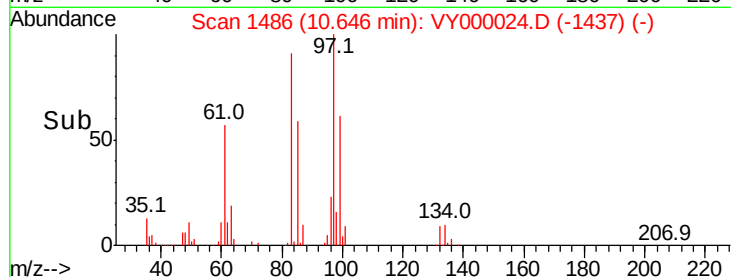
#55
 1,1,2-Trichloroethane
 Concen: 51.476 ug/l
 RT: 10.65 min Scan# 1486
 Delta R.T. -0.00 min
 Lab File: VY000024.D
 Acq: 12 Sep 2019 13:57

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion: 97 Resp: 75814
 Ion Ratio Lower Upper
 97 100
 83 91.1 68.2 102.2
 85 58.7 41.7 62.5
 99 60.6 47.3 70.9

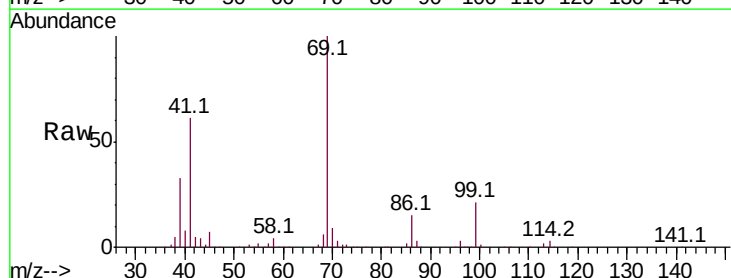


Abundance Ion 96.90 (96.60 to 97.60): VY0
 Ion 82.90 (82.60 to 83.60): VY0
 Ion 84.90 (84.60 to 85.60): VY0
 Ion 98.90 (98.60 to 99.60): VY0

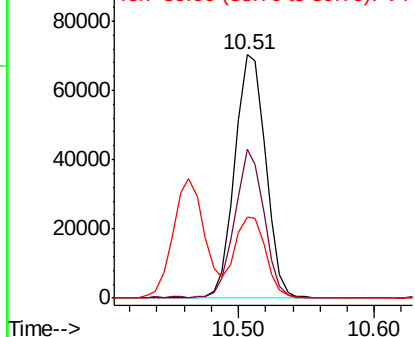
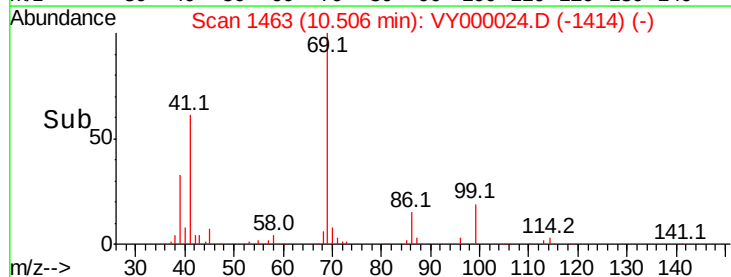


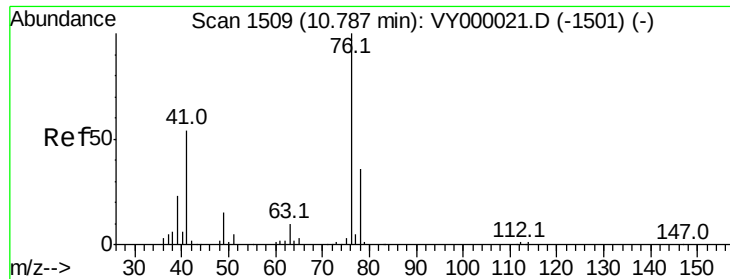
#56
 Ethyl methacrylate
 Concen: 53.905 ug/l
 RT: 10.51 min Scan# 1463
 Delta R.T. -0.00 min
 Lab File: VY000024.D
 Acq: 12 Sep 2019 13:57

Tgt Ion: 69 Resp: 111420
 Ion Ratio Lower Upper
 69 100
 41 57.6 47.0 70.4
 39 33.0 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: 51.846 ug/l

RT: 10.79 min Scan# 1509

Delta R.T. -0.00 min

Lab File: VY000024.D

Acq: 12 Sep 2019 13:57

Instrument :

MSVOA_Y

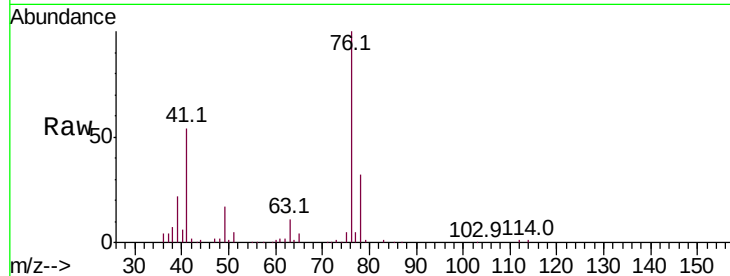
ClientSampled :

Tot Ion: 76 Resp: 122116

Ion Ratio Lower Upper

76 100

78 33.0 26.0 39.0



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

10.79

80000

60000

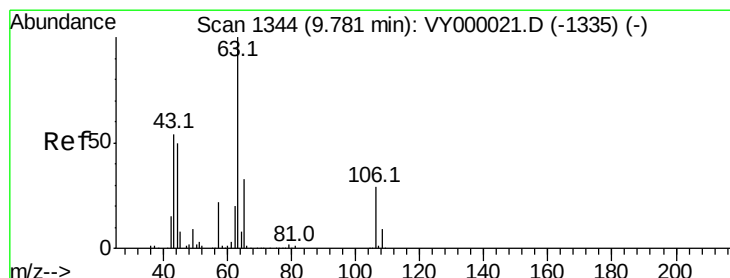
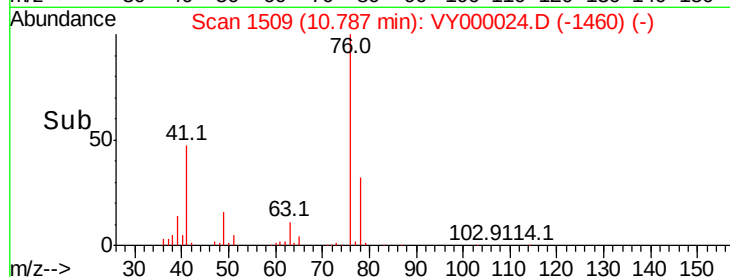
40000

20000

0

Time-->

10.70 10.75 10.80 10.85



#58

2-Chloroethyl Vinyl ether

Concen: 249.161 ug/l

RT: 9.78 min Scan# 1344

Delta R.T. -0.00 min

Lab File: VY000024.D

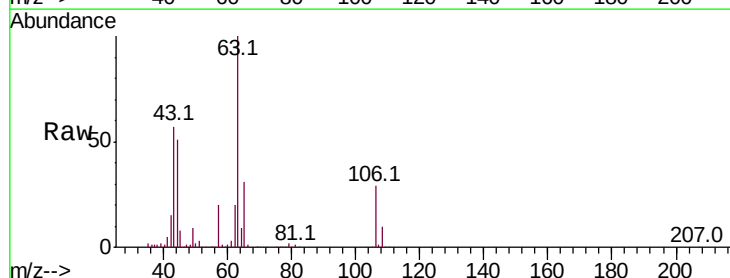
Acq: 12 Sep 2019 13:57

Tgt Ion: 63 Resp: 282105

Ion Ratio Lower Upper

63 100

106 29.0 23.7 35.5



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

9.78

200000

150000

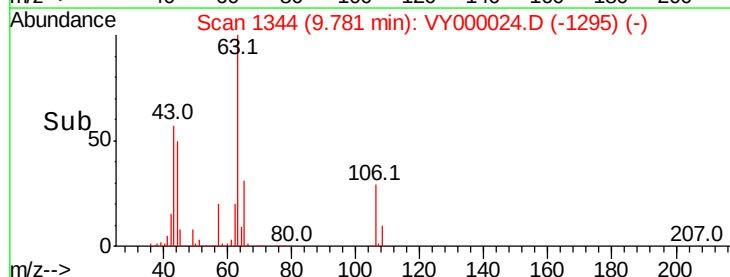
100000

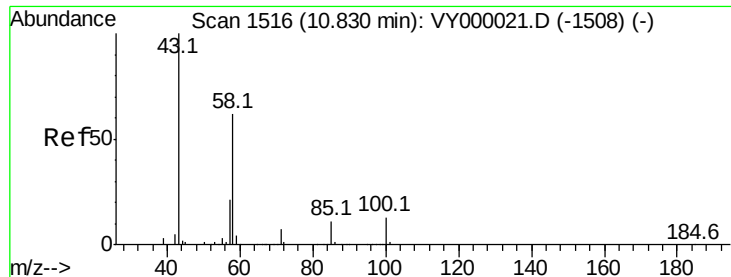
50000

0

Time-->

9.70 9.75 9.80 9.85 9.90





#59

2-Hexanone

Concen: 273.352 ug/l

RT: 10.83 min Scan# 1516

Delta R.T. -0.00 min

Lab File: VY000024.D

Acq: 12 Sep 2019 13:57

Instrument :

MSVOA_Y

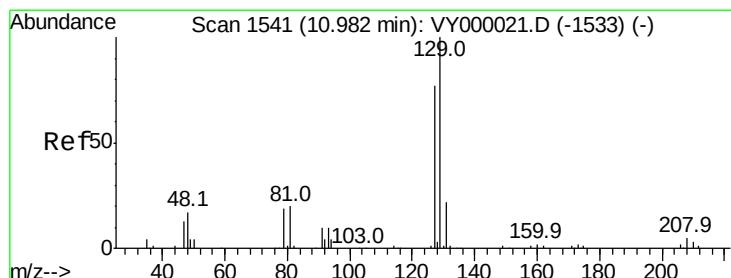
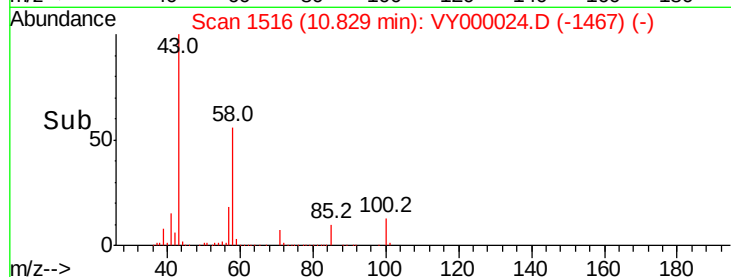
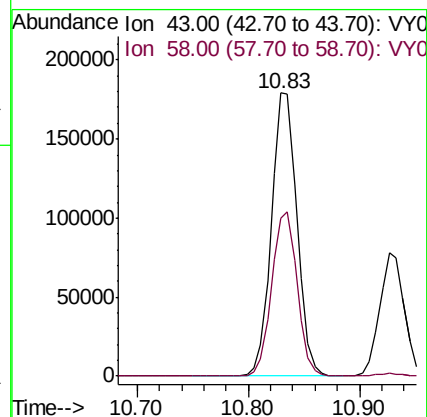
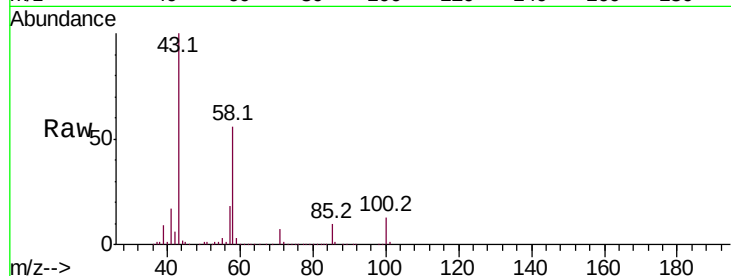
ClientSampleId :

Tot Ion: 43 Resp: 287722

Ion Ratio Lower Upper

43 100

58 57.8 30.3 90.8



#60

Dibromochloromethane

Concen: 53.491 ug/l

RT: 10.98 min Scan# 1541

Delta R.T. -0.00 min

Lab File: VY000024.D

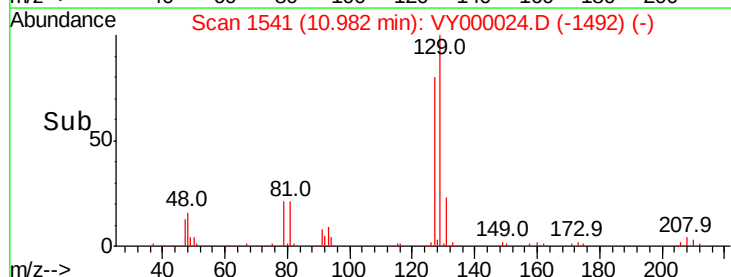
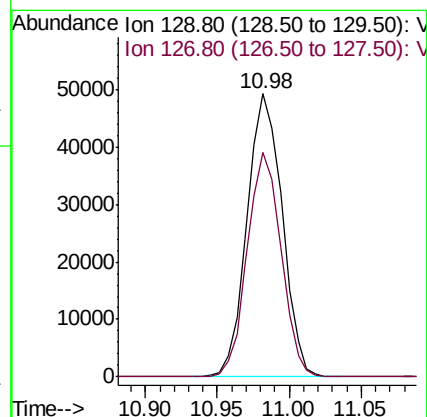
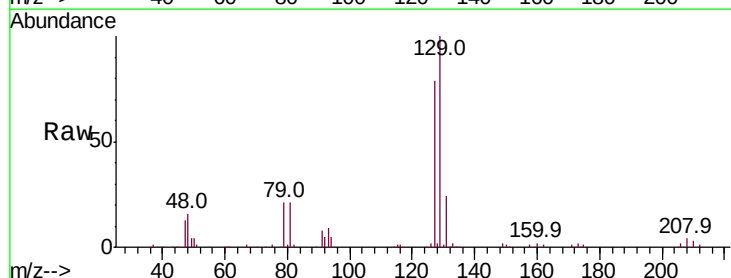
Acq: 12 Sep 2019 13:57

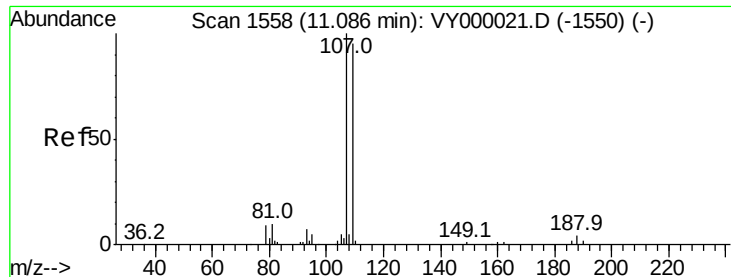
Tgt Ion: 129 Resp: 83011

Ion Ratio Lower Upper

129 100

127 76.8 38.4 115.2





#61

1,2-Dibromoethane

Concen: 54.222 ug/l

RT: 11.09 min Scan# 1558

Delta R.T. -0.00 min

Lab File: VY000024.D

Acq: 12 Sep 2019 13:57

Instrument :

MSVOA_Y

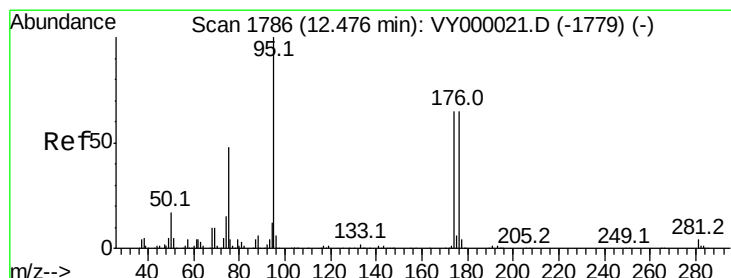
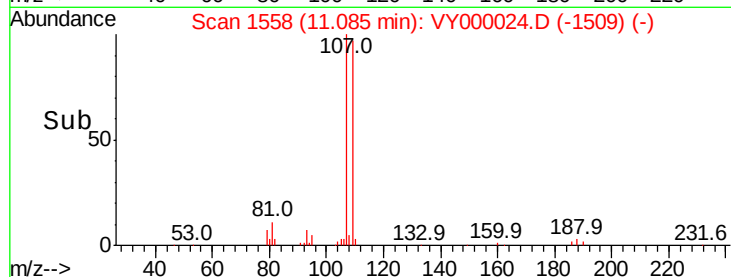
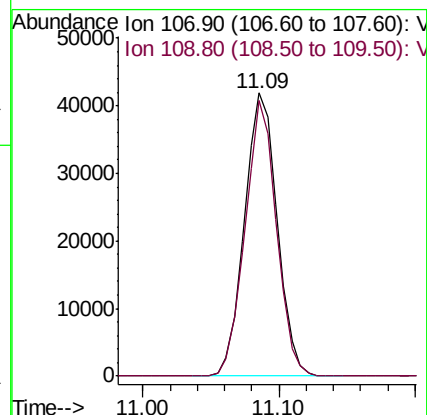
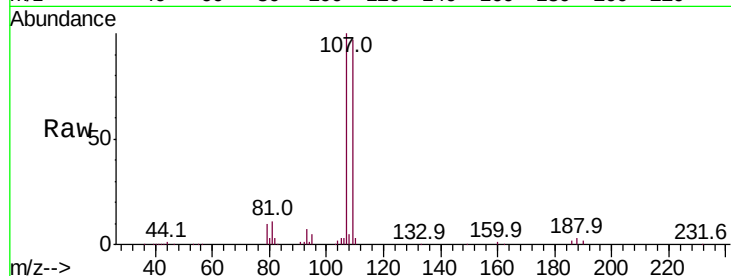
ClientSampleId :

Tot Ion:107 Resp: 70534

Ion Ratio Lower Upper

107 100

109 93.2 76.7 115.1



#62

4-Bromofluorobenzene

Concen: 47.678 ug/l

RT: 12.48 min Scan# 1786

Delta R.T. -0.00 min

Lab File: VY000024.D

Acq: 12 Sep 2019 13:57

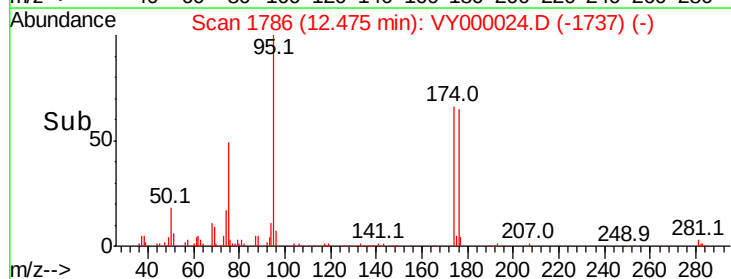
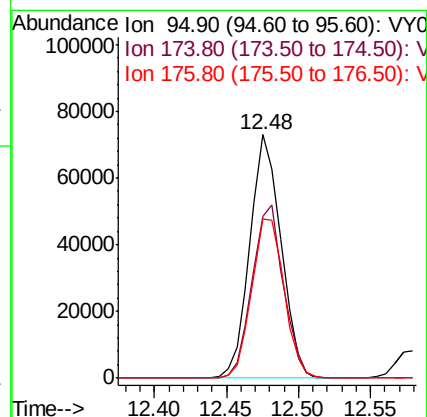
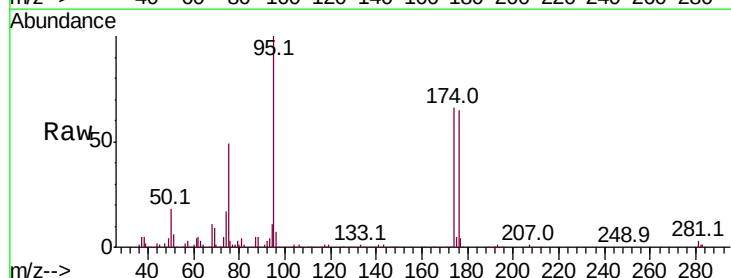
Tgt Ion: 95 Resp: 108751

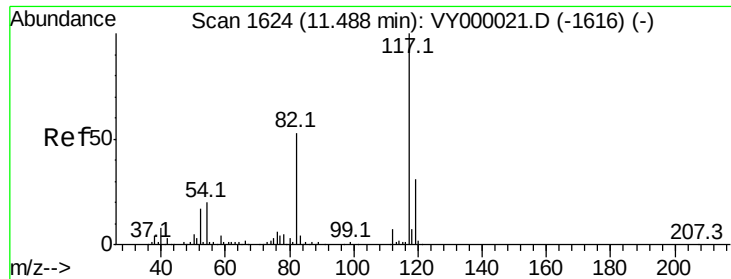
Ion Ratio Lower Upper

95 100

174 71.6 0.0 137.6

176 68.0 0.0 134.8

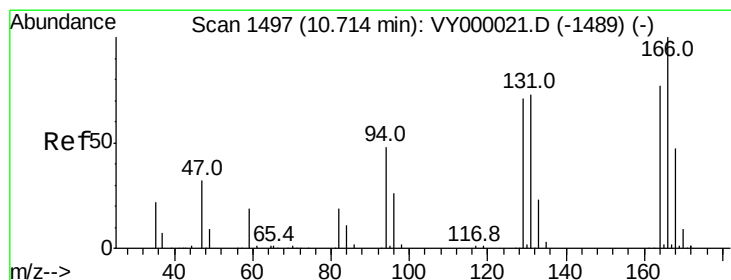
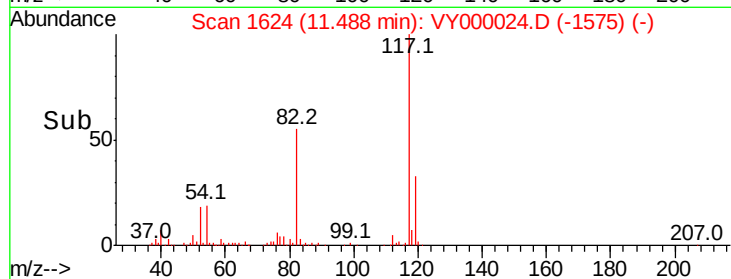
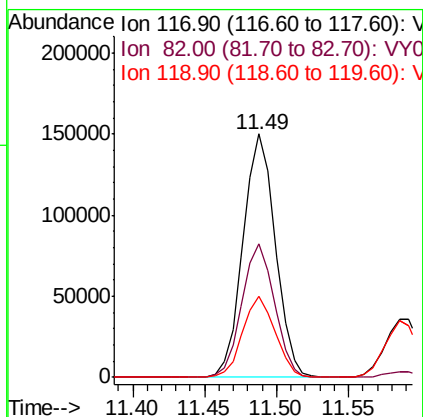
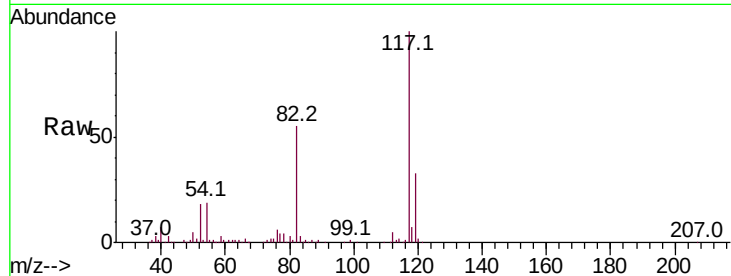




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1624
Delta R.T. -0.00 min
Lab File: VY000024.D
Acq: 12 Sep 2019 13:57

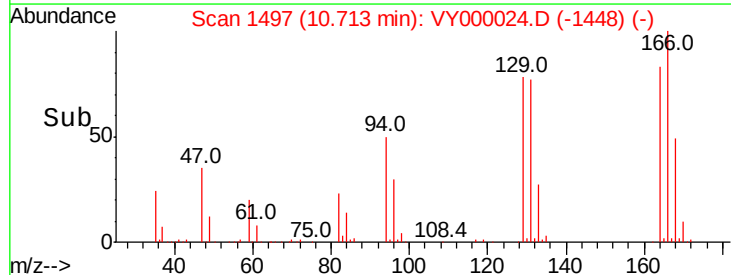
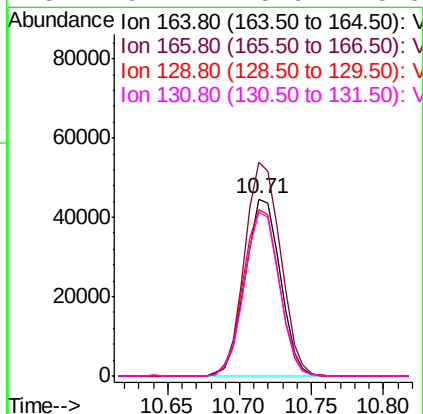
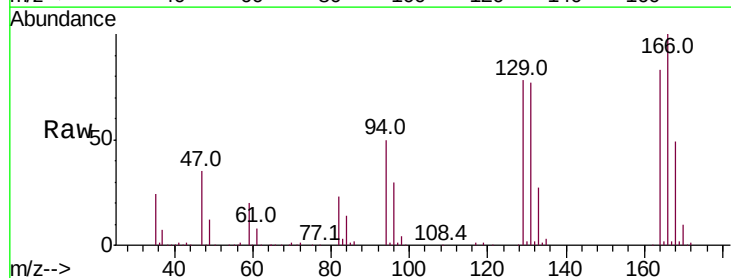
Instrument :
MSVOA_Y
ClientSampleId :

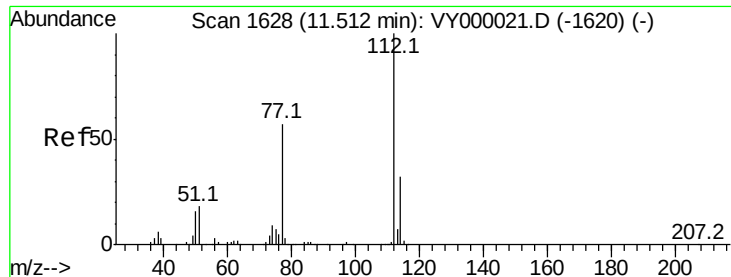
Tot Ion	Ratio	Lower	Upper
117	100		
82	54.8	42.5	63.7
119	33.1	25.1	37.7



#64
Tetrachloroethene
Concen: 52.450 ug/l
RT: 10.71 min Scan# 1497
Delta R.T. -0.00 min
Lab File: VY000024.D
Acq: 12 Sep 2019 13:57

Tgt Ion	Ratio	Lower	Upper
164	100		
166	120.8	103.4	155.0
129	94.0	73.4	110.0
131	92.7	75.9	113.9

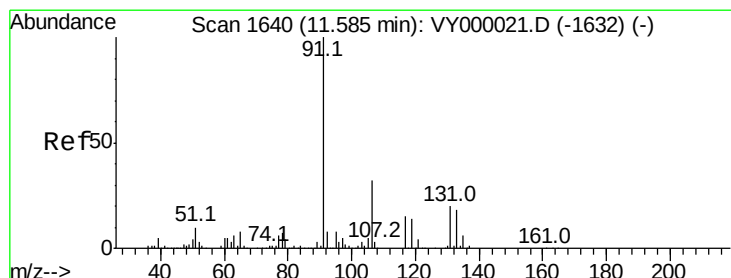
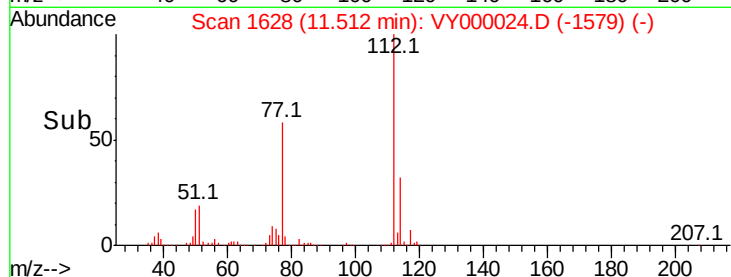
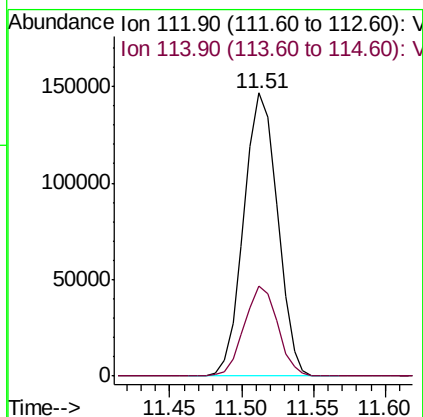
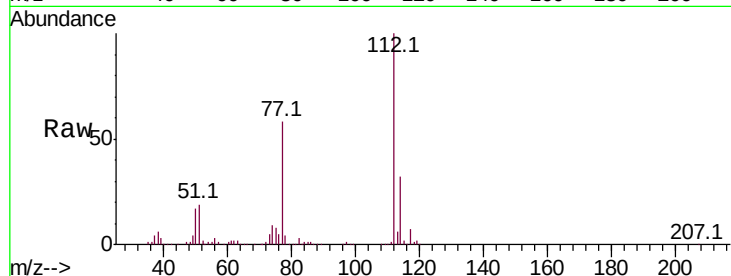




#65
Chlorobenzene
Concen: 53.659 ug/l
RT: 11.51 min Scan# 1628
Delta R.T. -0.00 min
Lab File: VY000024.D
Acq: 12 Sep 2019 13:57

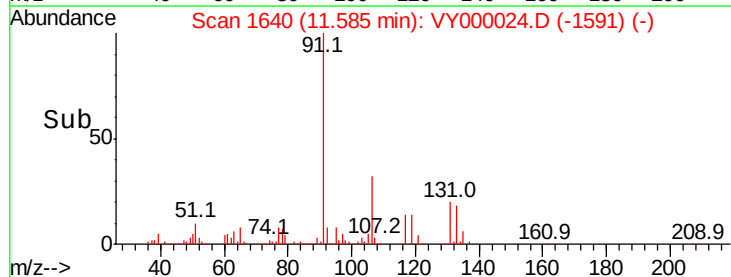
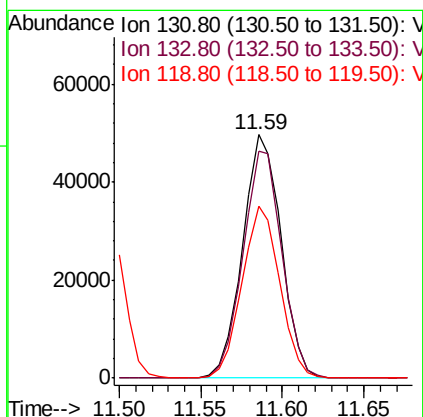
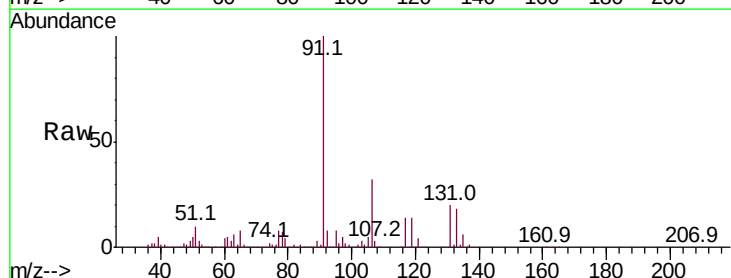
Instrument :
MSVOA_Y
ClientSampleId :

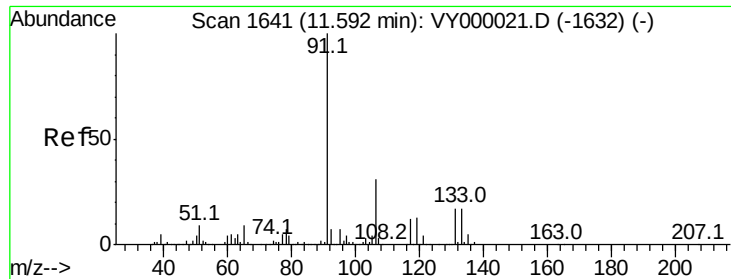
Tot Ion:112 Resp: 238584
Ion Ratio Lower Upper
112 100
114 32.0 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 53.083 ug/l
RT: 11.59 min Scan# 1640
Delta R.T. -0.00 min
Lab File: VY000024.D
Acq: 12 Sep 2019 13:57

Tgt Ion:131 Resp: 81781
Ion Ratio Lower Upper
131 100
133 94.5 47.2 141.6
119 69.2 35.4 106.3

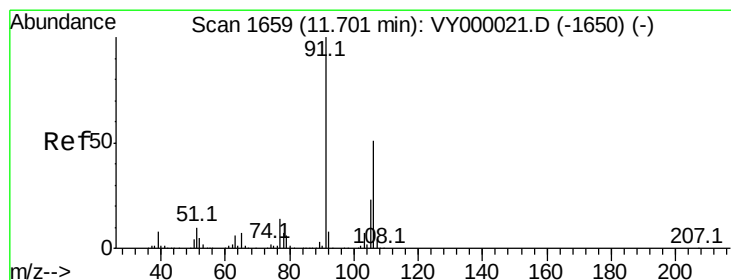
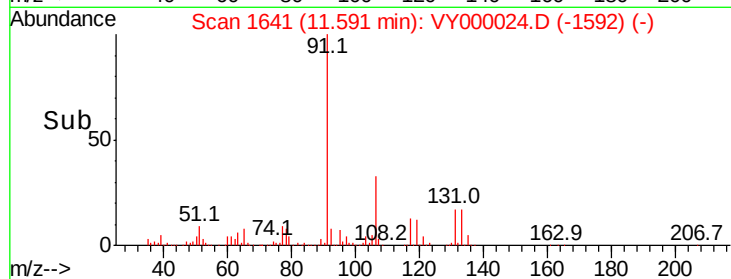
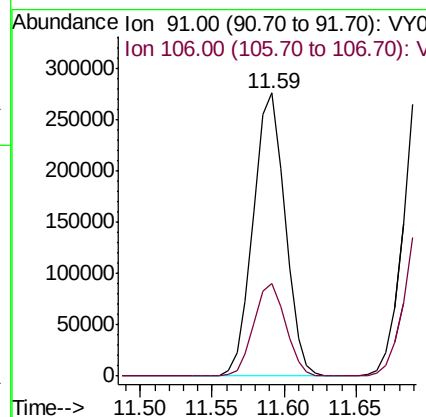
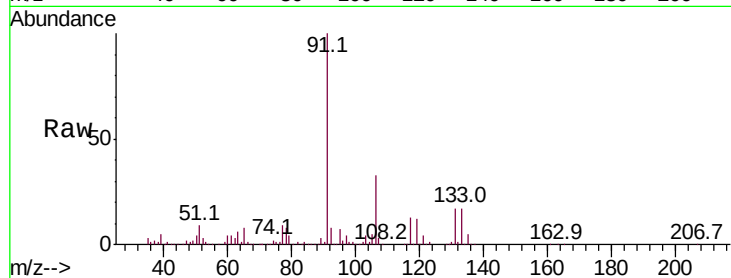




#67
Ethyl Benzene
Concen: 52.146 ug/l
RT: 11.59 min Scan# 1641
Delta R.T. -0.00 min
Lab File: VY000024.D
Acq: 12 Sep 2019 13:57

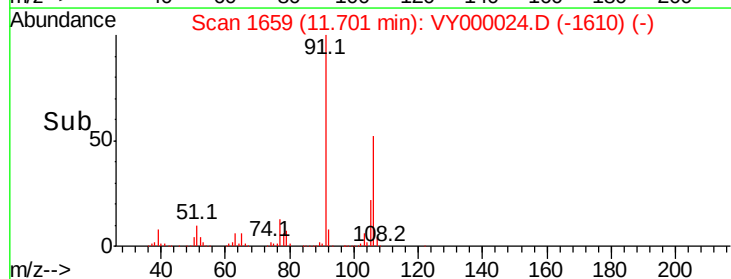
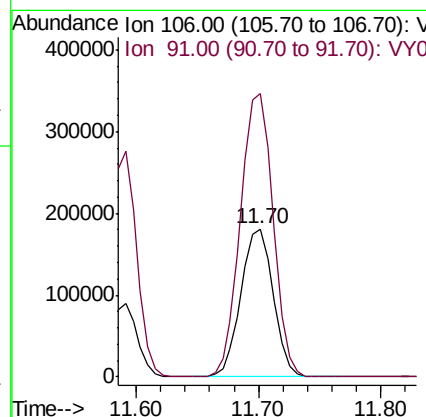
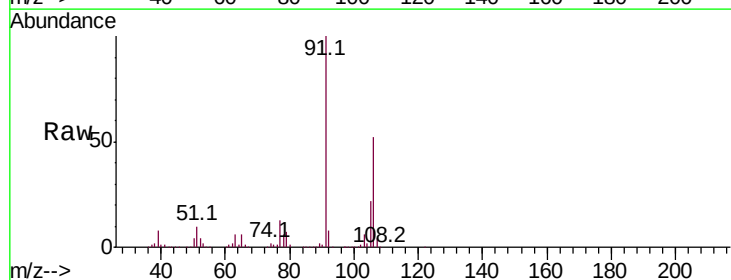
Instrument :
MSVOA_Y
ClientSampled :

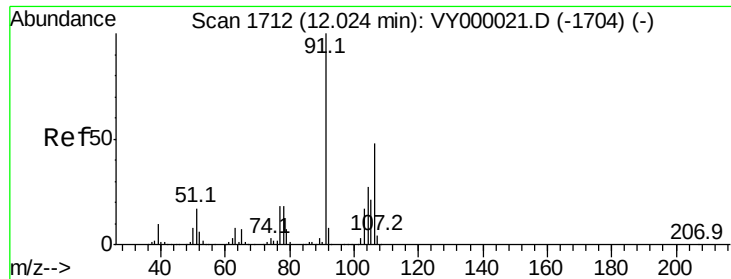
Tot Ion: 91 Resp: 421207
Ion Ratio Lower Upper
91 100
106 32.6 24.6 37.0



#68
m/p-Xylenes
Concen: 108.652 ug/l
RT: 11.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VY000024.D
Acq: 12 Sep 2019 13:57

Tgt Ion: 106 Resp: 331184
Ion Ratio Lower Upper
106 100
91 194.2 158.5 237.7

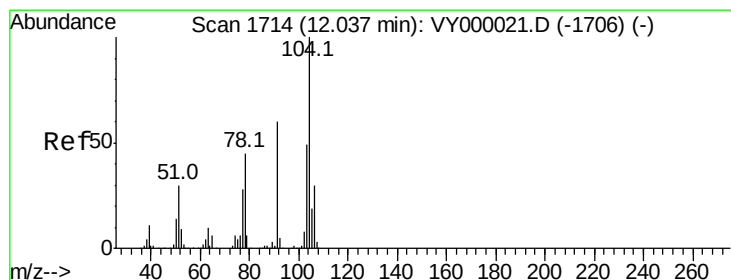
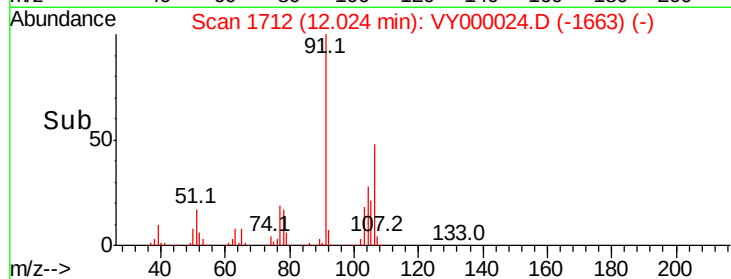
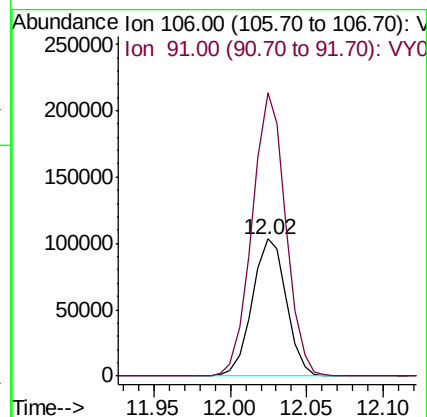
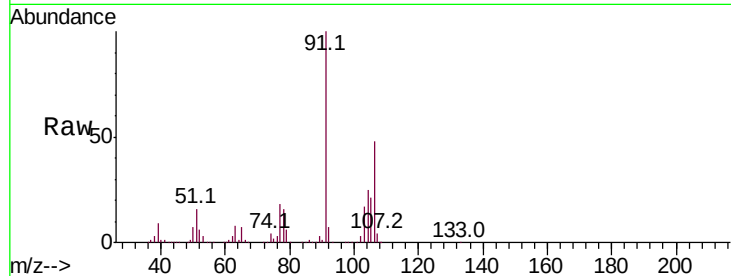




#69
o-Xylene
Concen: 53.612 ug/l
RT: 12.02 min Scan# 1712
Delta R.T. -0.00 min
Lab File: VY000024.D
Acq: 12 Sep 2019 13:57

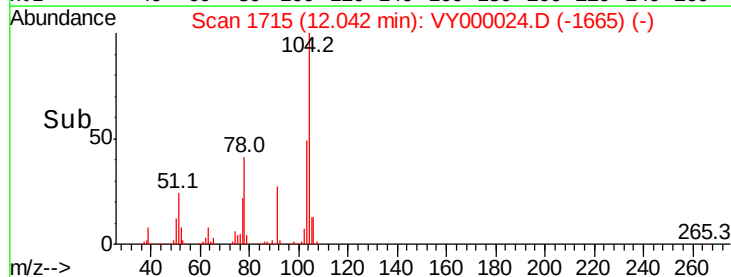
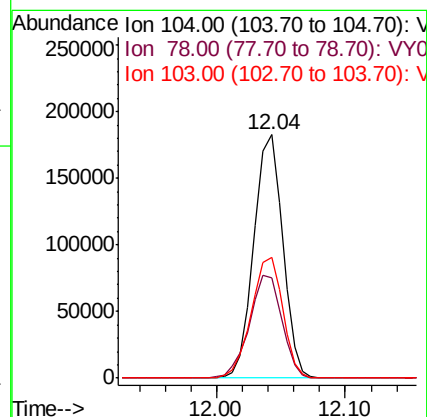
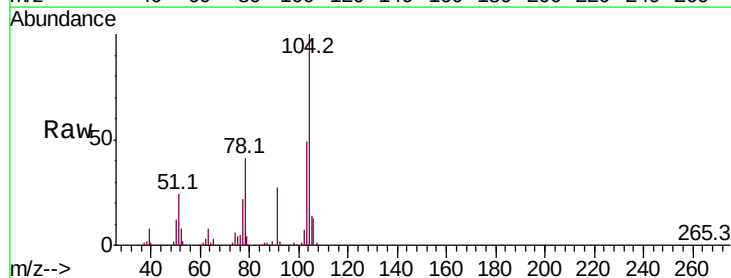
Instrument :
MSVOA_Y
ClientSampleId :

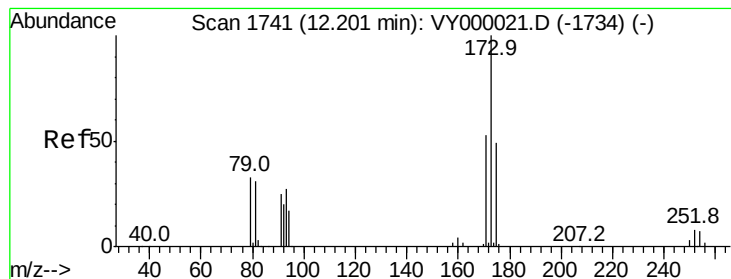
Tot Ion:106 Resp: 160161
Ion Ratio Lower Upper
106 100
91 203.3 104.0 312.0



#70
Styrene
Concen: 54.445 ug/l
RT: 12.04 min Scan# 1715
Delta R.T. 0.01 min
Lab File: VY000024.D
Acq: 12 Sep 2019 13:57

Tgt Ion:104 Resp: 282938
Ion Ratio Lower Upper
104 100
78 47.6 38.0 57.0
103 53.7 42.4 63.6





#71

Bromoform

Concen: 53.253 ug/l

RT: 12.20 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VY000024.D

Acq: 12 Sep 2019 13:57

Instrument :

MSVOA_Y

ClientSampleId :

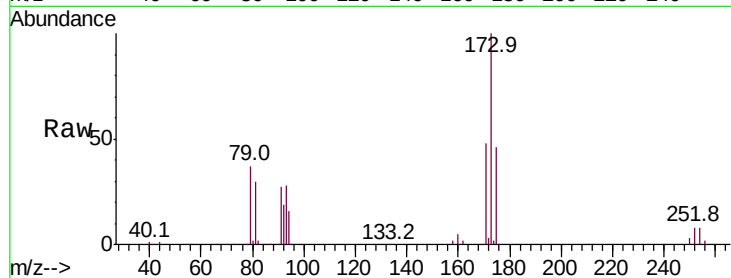
Tot Ion:173 Resp: 49537

Ion Ratio Lower Upper

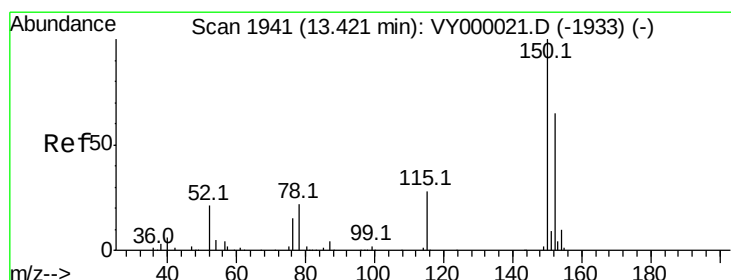
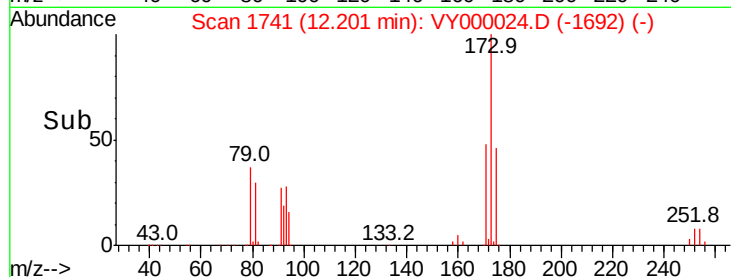
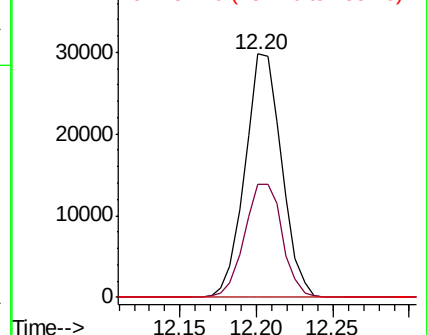
173 100

175 48.0 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: VY000024.D

Acq: 12 Sep 2019 13:57

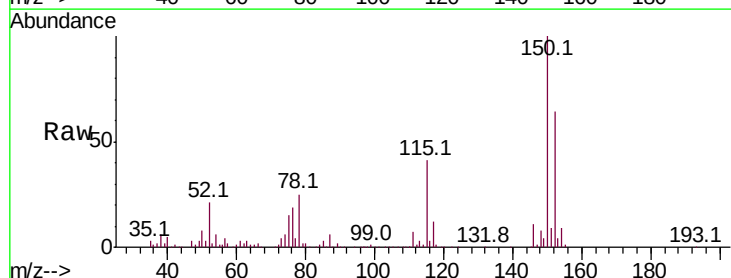
Tgt Ion:152 Resp: 104637

Ion Ratio Lower Upper

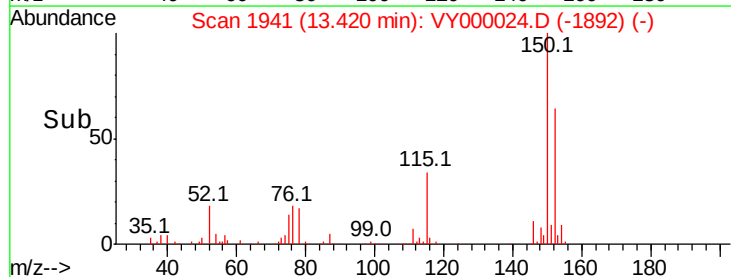
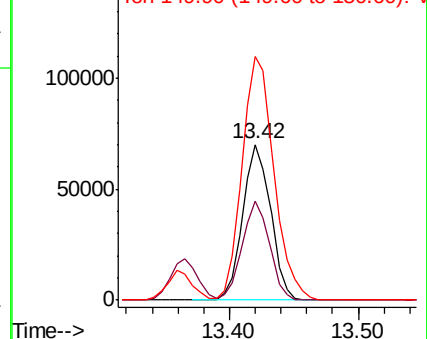
152 100

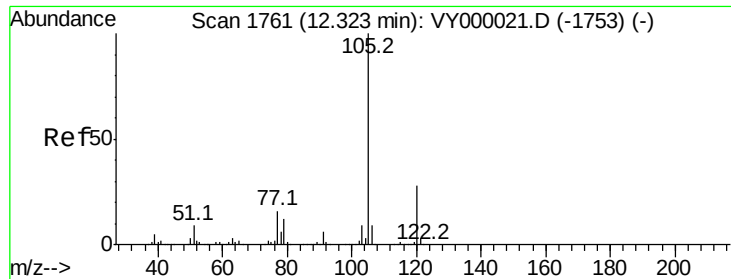
115 62.5 29.4 88.2

150 178.6 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: 53.026 ug/l

RT: 12.32 min Scan# 1761

Delta R.T. -0.00 min

Lab File: VY000024.D

Acq: 12 Sep 2019 13:57

Instrument :

MSVOA_Y

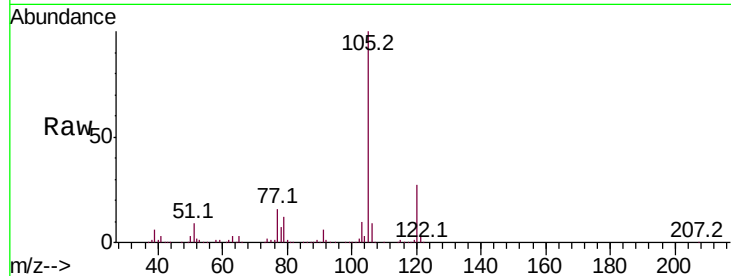
ClientSampleId :

Tot Ion:105 Resp: 423943

Ion Ratio Lower Upper

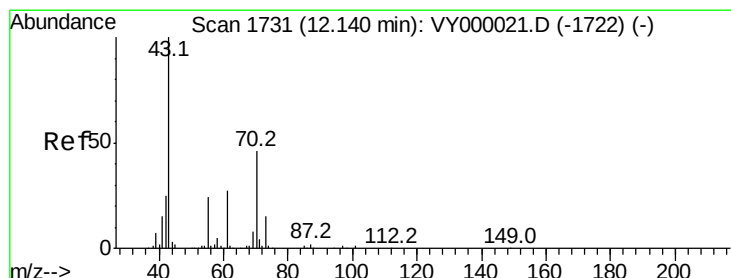
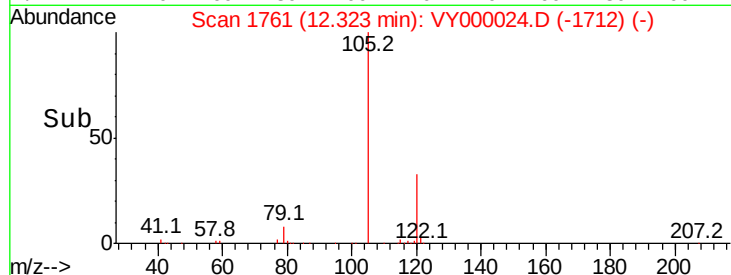
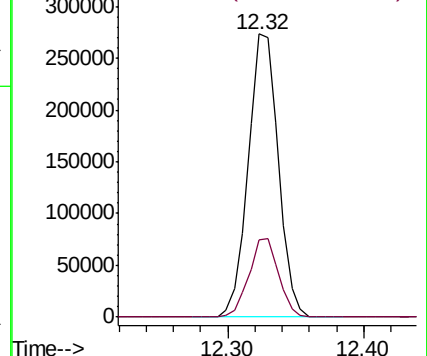
105 100

120 27.5 13.9 41.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 54.793 ug/l

RT: 12.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VY000024.D

Acq: 12 Sep 2019 13:57

Tgt Ion: 43 Resp: 129314

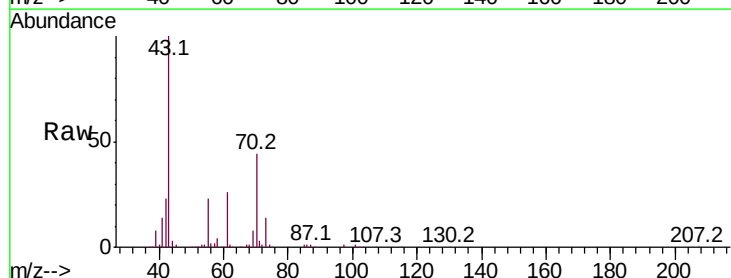
Ion Ratio Lower Upper

43 100

70 45.0 38.1 57.1

55 23.5 18.7 28.1

61 25.5 22.1 33.1

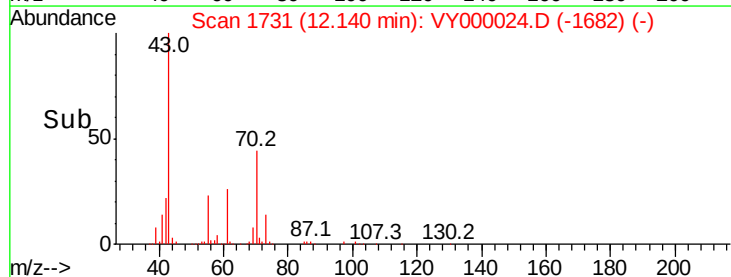
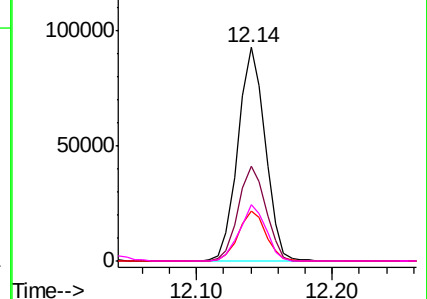


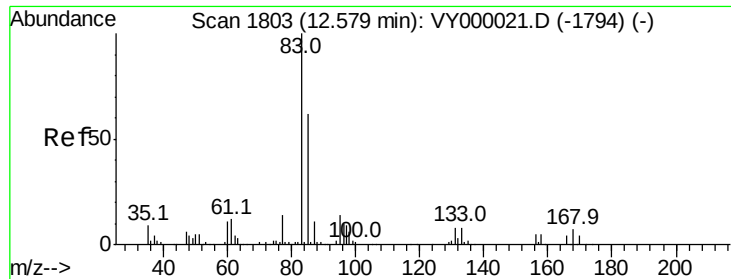
Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0





#75

1,1,2,2-Tetrachloroethane

Concen: 50.760 ug/l

RT: 12.58 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VY000024.D

Acq: 12 Sep 2019 13:57

Instrument :

MSVOA_Y

ClientSampleId :

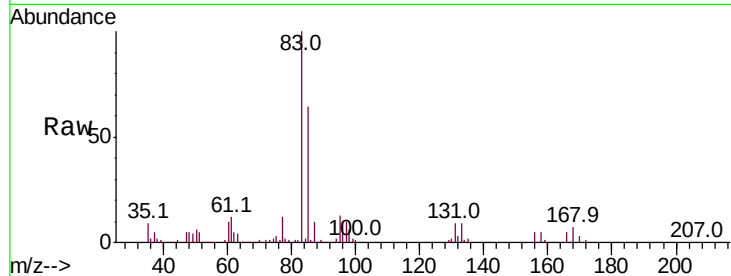
Tot Ion: 83 Resp: 97030

Ion	Ratio	Lower	Upper
83	100		
131	9.4	4.6	13.8
85	64.0	31.8	95.3

83 100

131 9.4 4.6 13.8

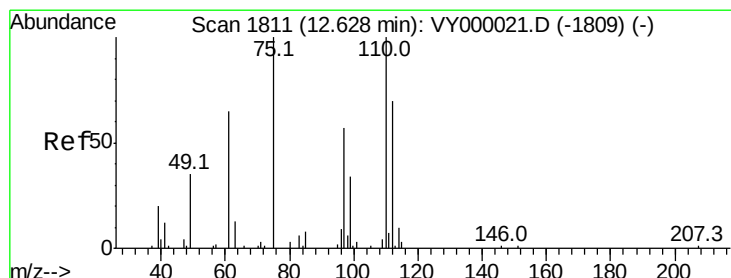
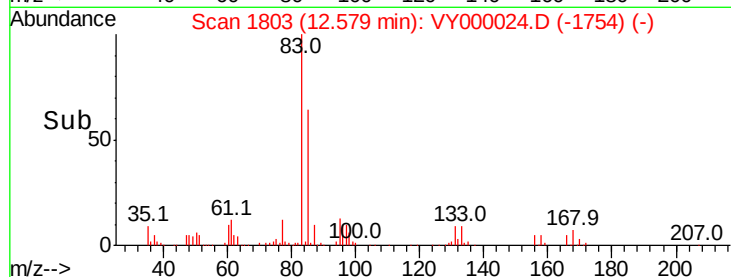
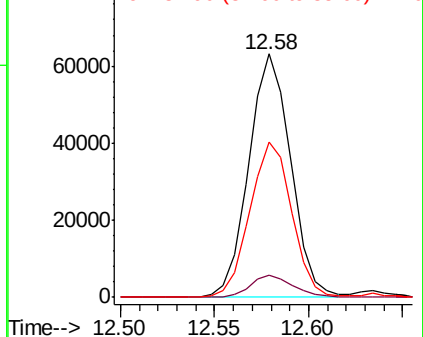
85 64.0 31.8 95.3



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: 88.910 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VY000024.D

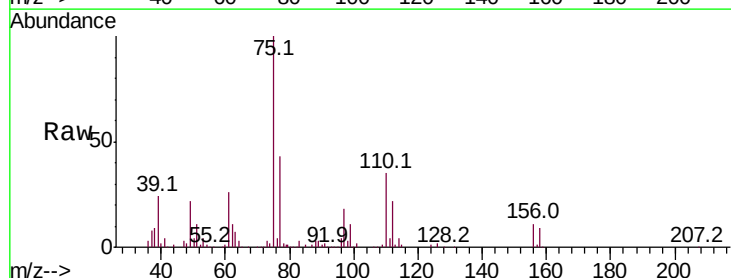
Acq: 12 Sep 2019 13:57

Tgt Ion: 75 Resp: 129218

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

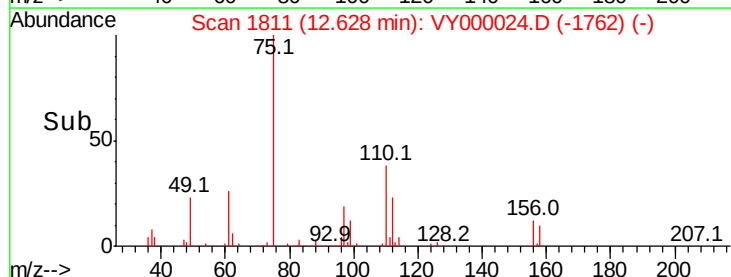
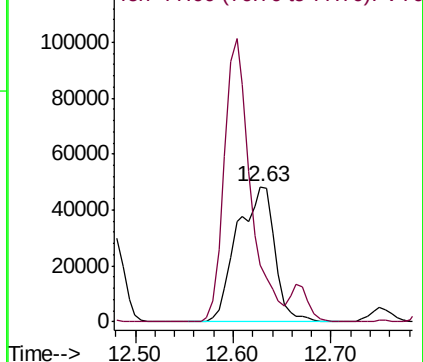
75 100

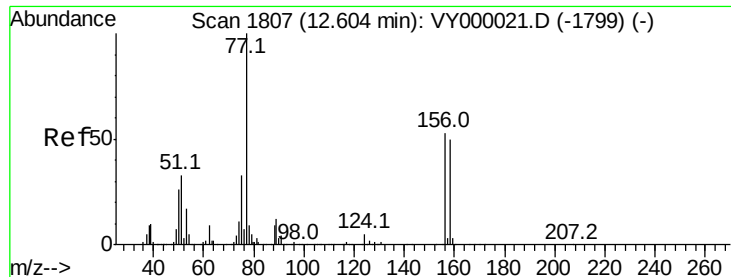
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 52.584 ug/l

RT: 12.60 min Scan# 1807

Delta R.T. -0.00 min

Lab File: VY000024.D

Acq: 12 Sep 2019 13:57

Instrument :

MSVOA_Y

ClientSampled :

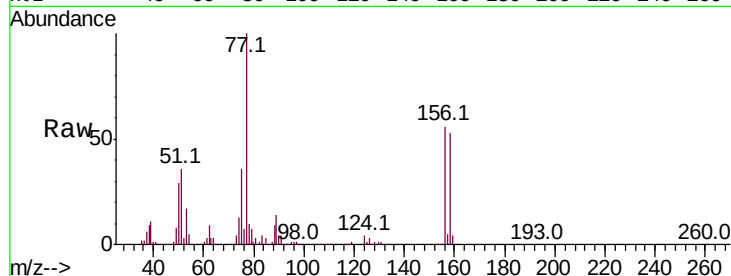
Tot Ion:156 Resp: 88933

Ion Ratio Lower Upper

156 100

77 213.5 106.0 317.9

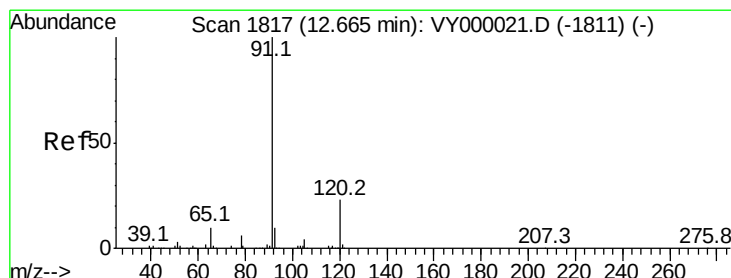
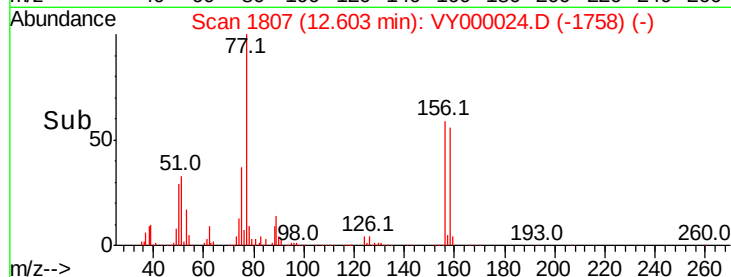
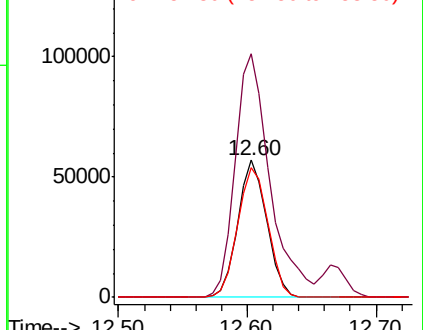
158 98.5 47.3 141.9



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: 53.703 ug/l

RT: 12.66 min Scan# 1817

Delta R.T. -0.00 min

Lab File: VY000024.D

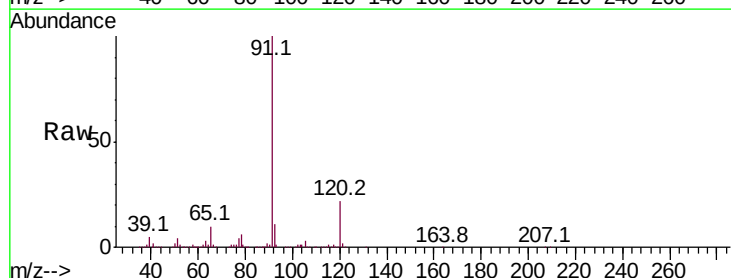
Acq: 12 Sep 2019 13:57

Tgt Ion: 91 Resp: 524707

Ion Ratio Lower Upper

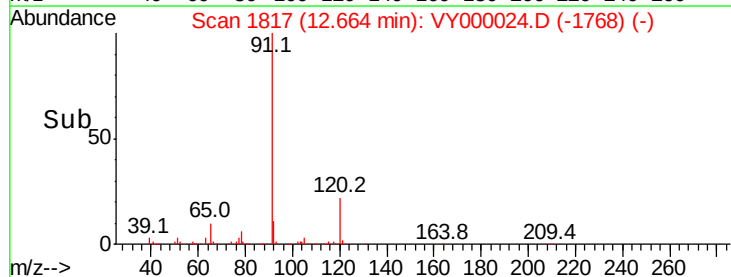
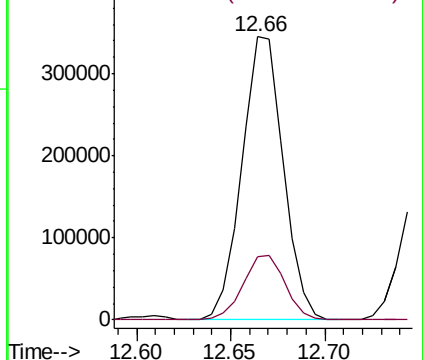
91 100

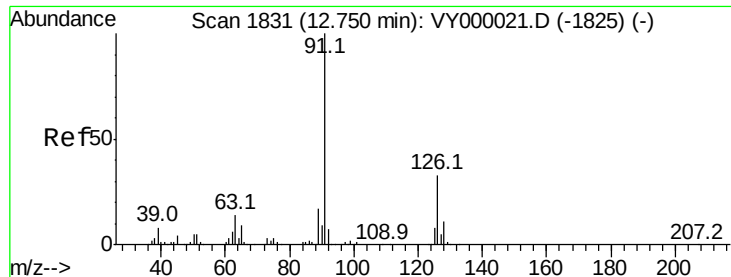
120 23.1 11.6 34.7



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 51.952 ug/l

RT: 12.75 min Scan# 1831

Delta R.T. -0.00 min

Lab File: VY000024.D

Acq: 12 Sep 2019 13:57

Instrument :

MSVOA_Y

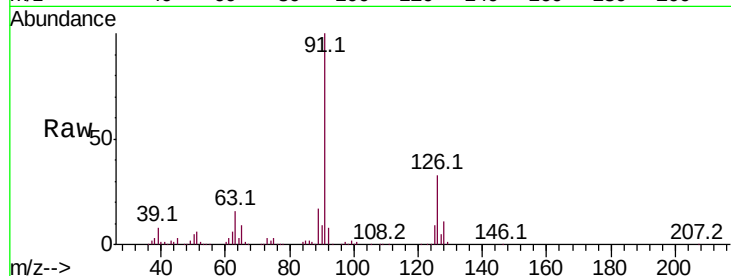
ClientSampleId :

Tot Ion: 91 Resp: 283843

Ion Ratio Lower Upper

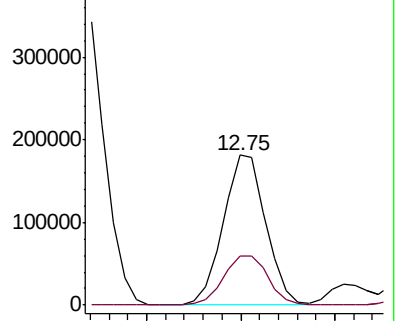
91 100

126 34.6 16.9 50.7

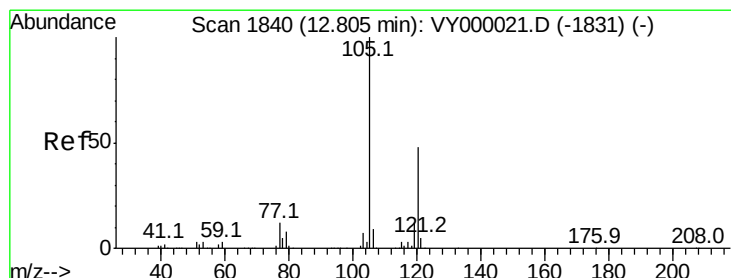
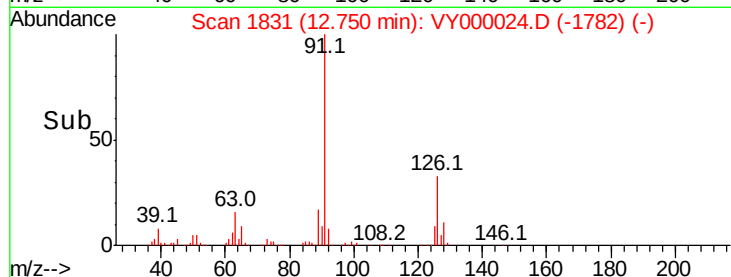


Abundance Ion 91.00 (90.70 to 91.70): VY000021.D (-1825) (-)

Ion 125.90 (125.60 to 126.60): VY000021.D (-1825) (-)



Time-->



#80

1,3,5-Trimethylbenzene

Concen: 52.622 ug/l

RT: 12.80 min Scan# 1840

Delta R.T. -0.00 min

Lab File: VY000024.D

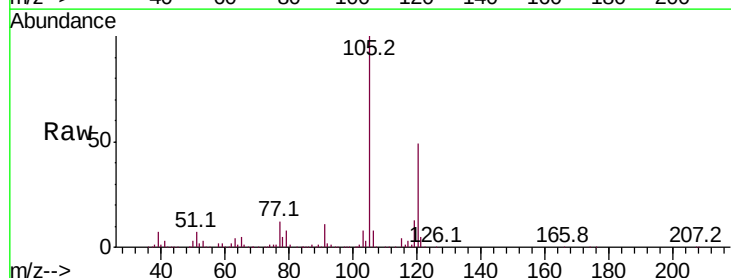
Acq: 12 Sep 2019 13:57

Tgt Ion:105 Resp: 351283

Ion Ratio Lower Upper

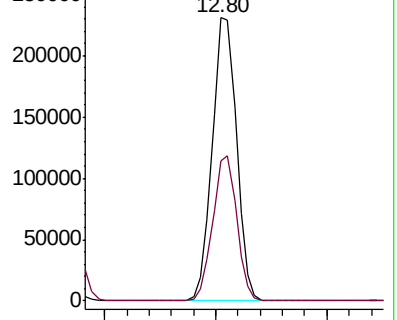
105 100

120 50.3 24.3 73.0

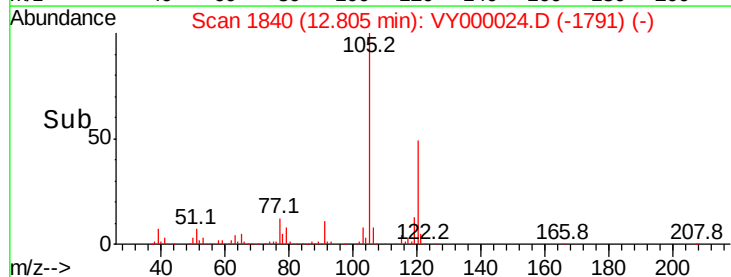


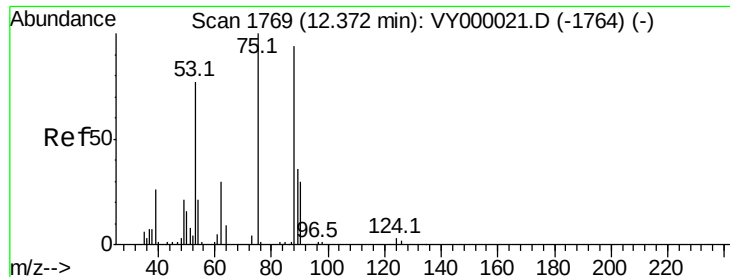
Abundance Ion 105.00 (104.70 to 105.70): VY000021.D (-1831) (-)

Ion 120.00 (119.70 to 120.70): VY000021.D (-1831) (-)



Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 52.533 ug/l

RT: 12.38 min Scan# 1770

Delta R.T. 0.01 min

Lab File: VY000024.D

Acq: 12 Sep 2019 13:57

Instrument :

MSVOA_Y

ClientSampleId :

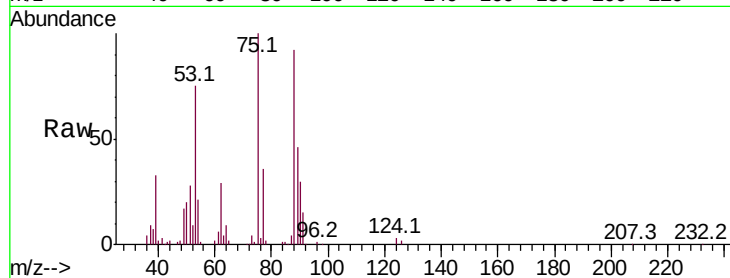
Tot Ion: 75 Resp: 38491

Ion Ratio Lower Upper

75 100

53 78.8 64.2 96.2

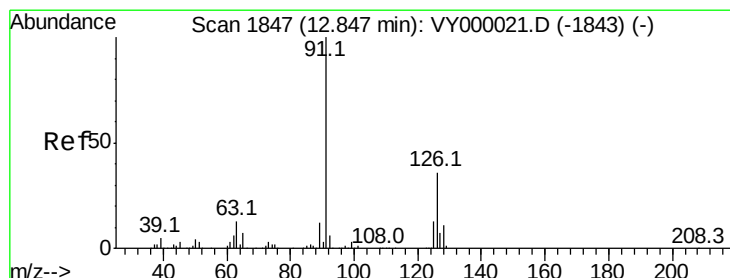
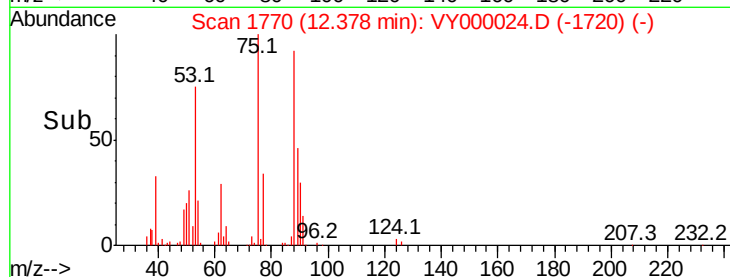
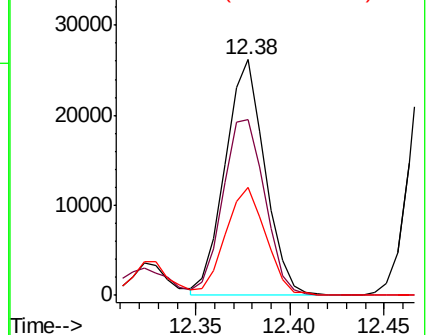
89 46.3 35.5 53.3



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0



#82

4-Chlorotoluene

Concen: 52.901 ug/l

RT: 12.85 min Scan# 1848

Delta R.T. 0.01 min

Lab File: VY000024.D

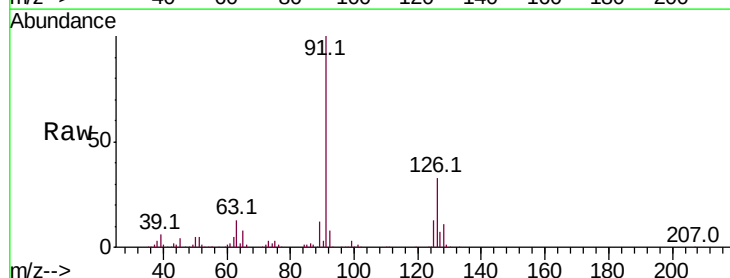
Acq: 12 Sep 2019 13:57

Tgt Ion: 91 Resp: 303338

Ion Ratio Lower Upper

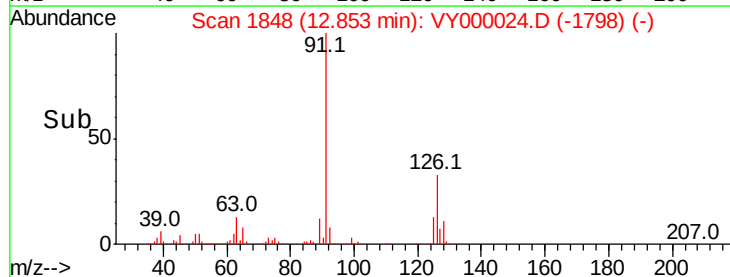
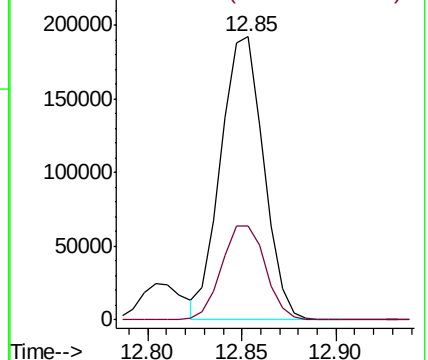
91 100

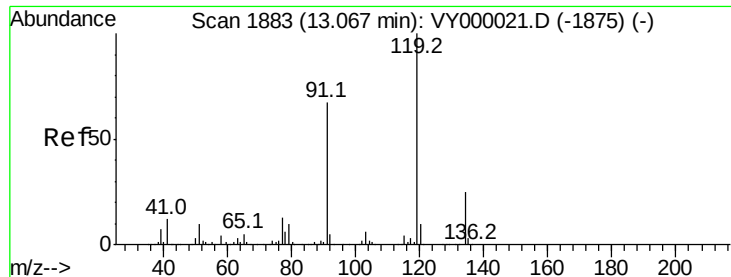
126 34.2 17.2 51.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V

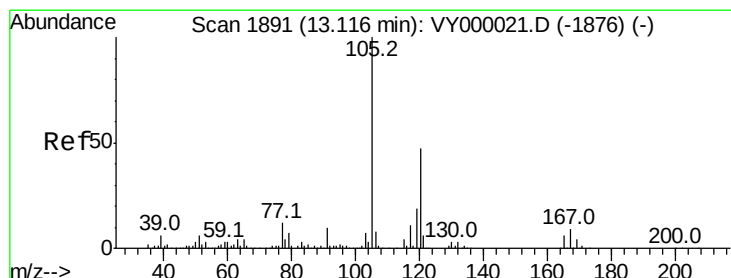
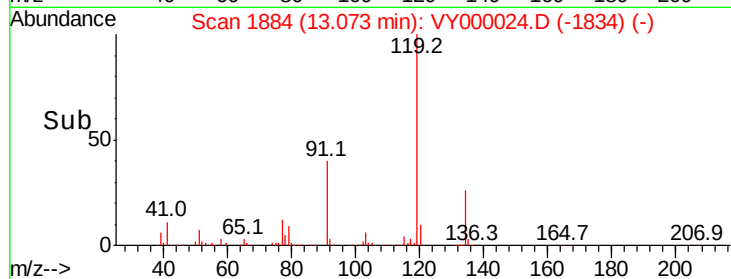
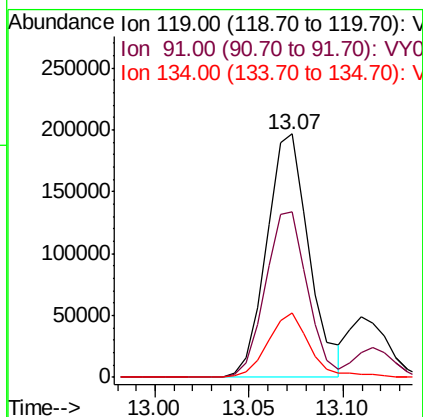
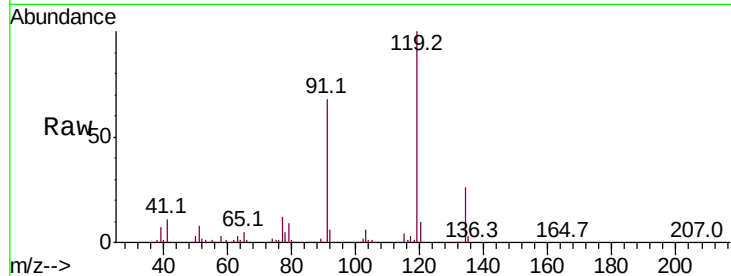




#83
tert-Butylbenzene
Concen: 53.576 ug/l
RT: 13.07 min Scan# 1884
Delta R.T. 0.01 min
Lab File: VY000024.D
Acq: 12 Sep 2019 13:57

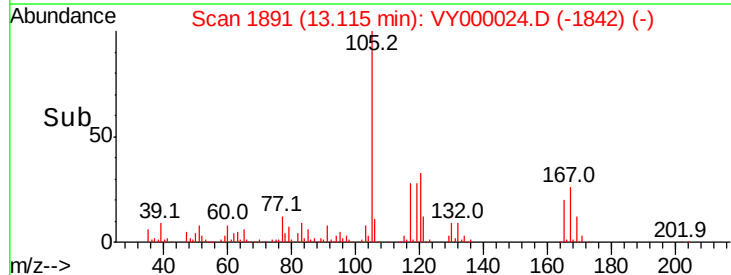
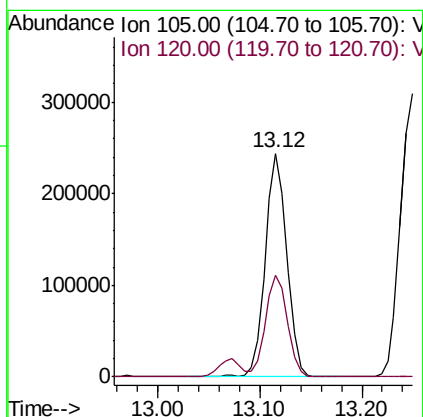
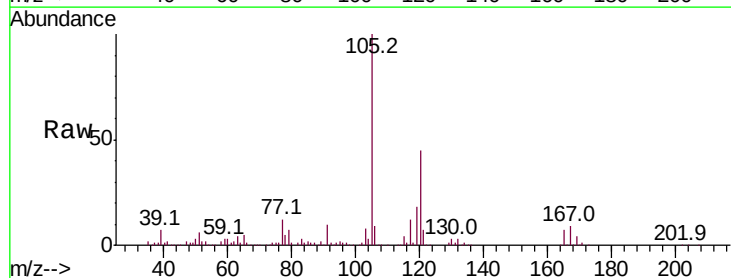
Instrument :
MSVOA_Y
ClientSampleId :

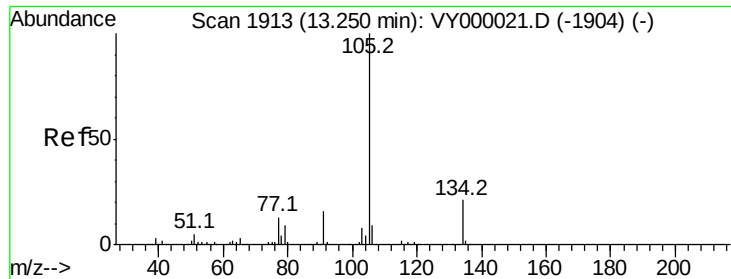
Tot Ion:119 Resp: 307304
Ion Ratio Lower Upper
119 100
91 67.2 33.1 99.5
134 26.1 13.5 40.5



#84
1,2,4-Trimethylbenzene
Concen: 54.188 ug/l
RT: 13.12 min Scan# 1891
Delta R.T. -0.00 min
Lab File: VY000024.D
Acq: 12 Sep 2019 13:57

Tgt Ion:105 Resp: 357331
Ion Ratio Lower Upper
105 100
120 45.8 23.1 69.3





#85

sec-Butylbenzene

Concen: 54.124 ug/l

RT: 13.25 min Scan# 1913

Delta R.T. -0.00 min

Lab File: VY000024.D

Acq: 12 Sep 2019 13:57

Instrument :

MSVOA_Y

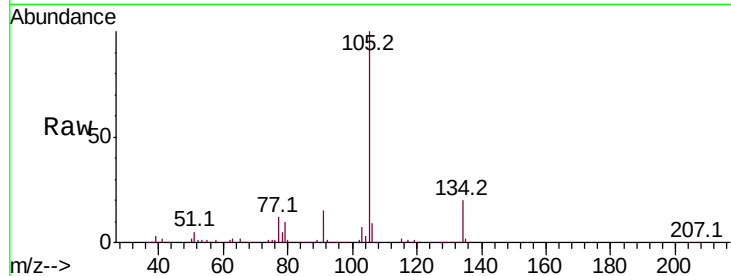
ClientSampleId :

Tot Ion:105 Resp: 458161

Ion Ratio Lower Upper

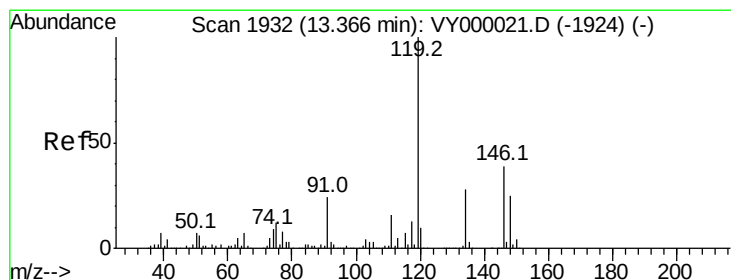
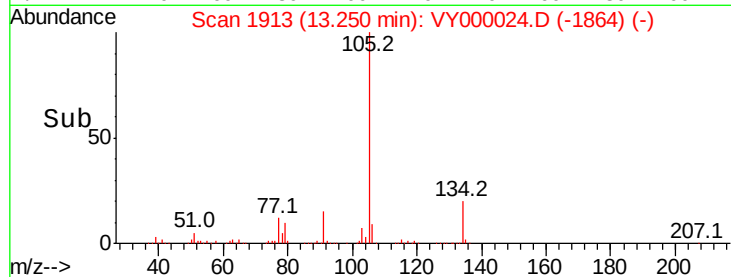
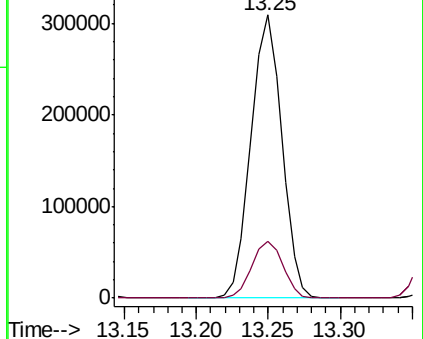
105 100

134 20.3 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: 53.941 ug/l

RT: 13.37 min Scan# 1932

Delta R.T. -0.00 min

Lab File: VY000024.D

Acq: 12 Sep 2019 13:57

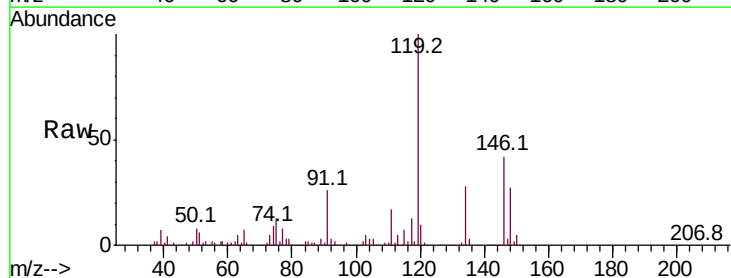
Tgt Ion:119 Resp: 387345

Ion Ratio Lower Upper

119 100

134 27.1 13.8 41.3

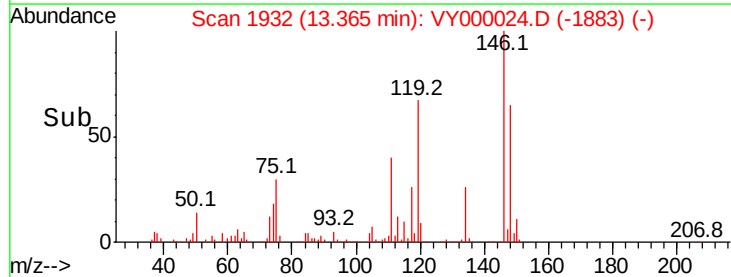
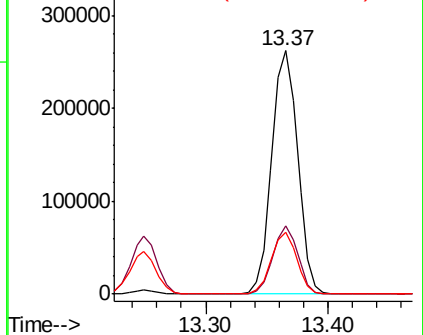
91 25.0 12.4 37.2

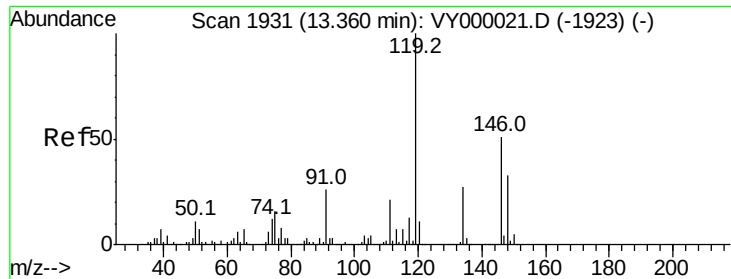


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





#87

1,3-Dichlorobenzene

Concen: 53.797 ug/l

RT: 13.36 min Scan# 1931

Delta R.T. -0.00 min

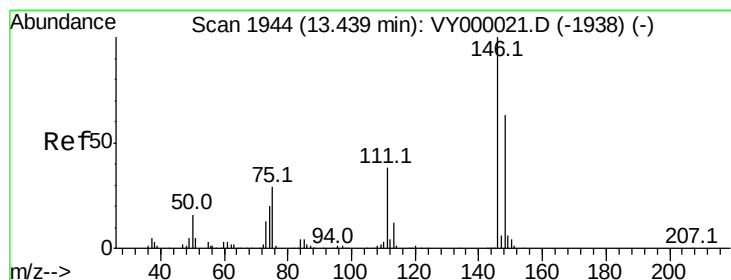
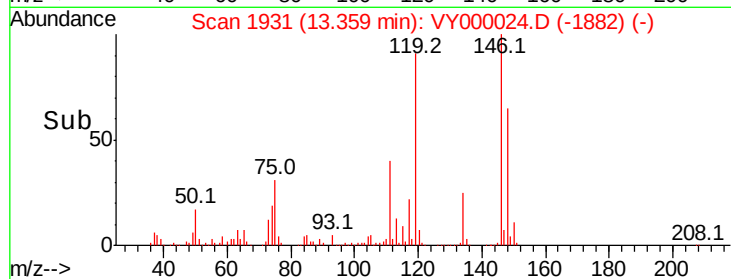
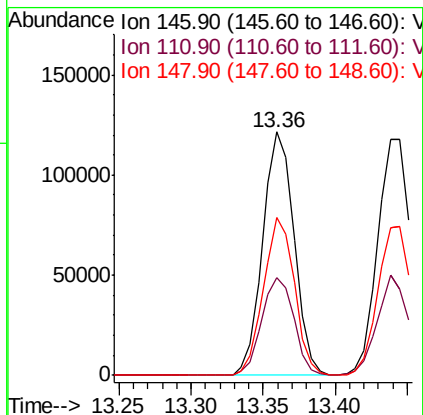
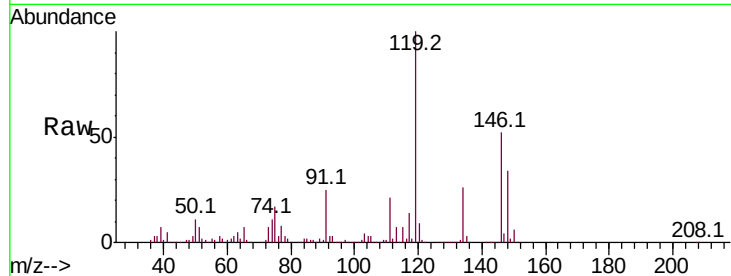
Lab File: VY000024.D

Acq: 12 Sep 2019 13:57

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:146 Resp: 183114

Ion	Ratio	Lower	Upper
146	100		
111	41.1	21.2	63.6
148	64.2	32.1	96.5



#88

1,4-Dichlorobenzene

Concen: 54.369 ug/l

RT: 13.44 min Scan# 1945

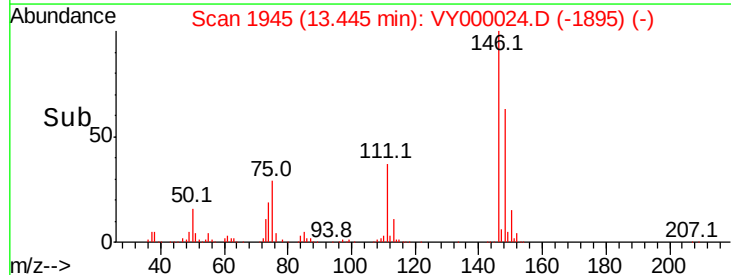
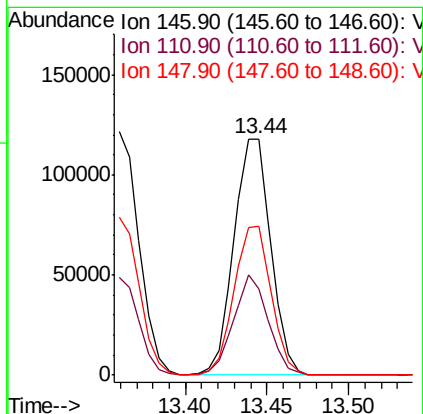
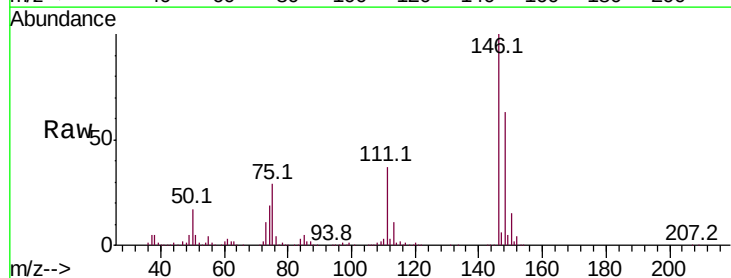
Delta R.T. 0.01 min

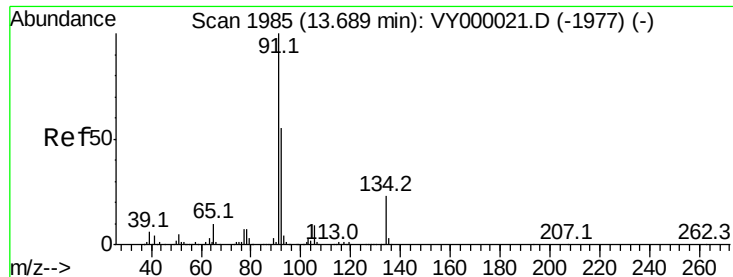
Lab File: VY000024.D

Acq: 12 Sep 2019 13:57

Tgt Ion:146 Resp: 186230

Ion	Ratio	Lower	Upper
146	100		
111	39.8	20.3	60.9
148	63.3	31.7	95.1





#89

n-Butylbenzene

Concen: 55.198 ug/l

RT: 13.69 min Scan# 1985

Delta R.T. -0.00 min

Lab File: VY000024.D

Acq: 12 Sep 2019 13:57

Instrument :

MSVOA_Y

ClientSampleId :

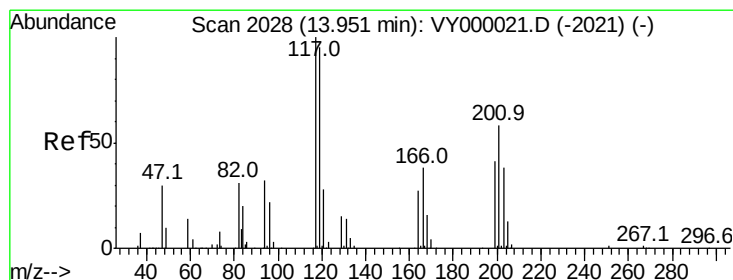
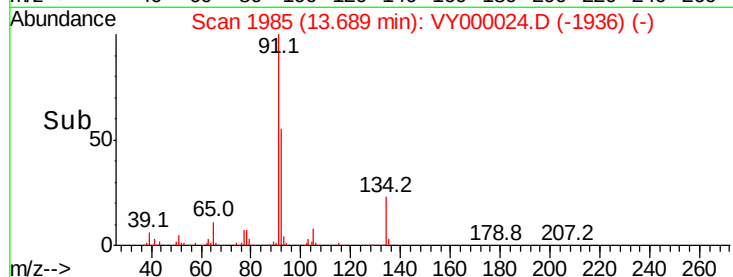
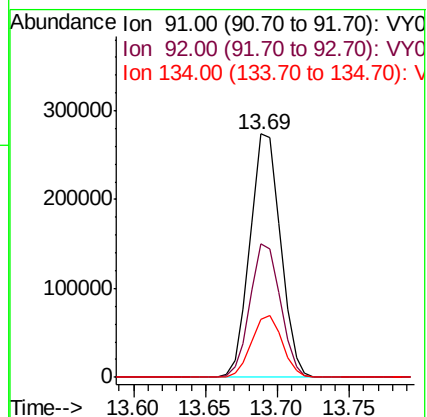
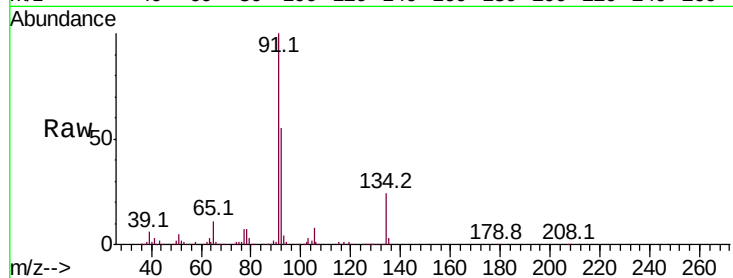
Tot Ion: 91 Resp: 401670

Ion	Ratio	Lower	Upper
91	100		
92	54.3	27.2	81.6
134	25.4	12.6	37.6

91 100

92 54.3 27.2 81.6

134 25.4 12.6 37.6



#90

Hexachloroethane

Concen: 54.363 ug/l

RT: 13.96 min Scan# 2029

Delta R.T. 0.01 min

Lab File: VY000024.D

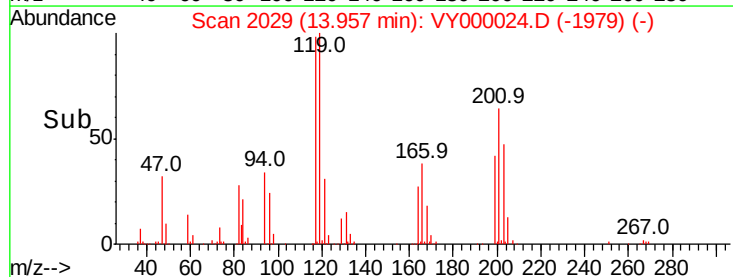
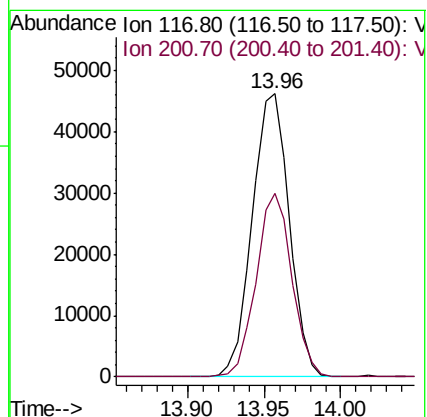
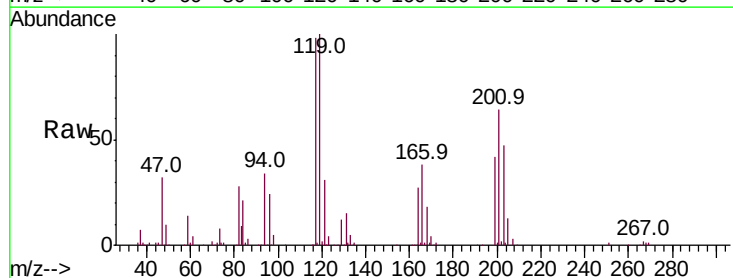
Acq: 12 Sep 2019 13:57

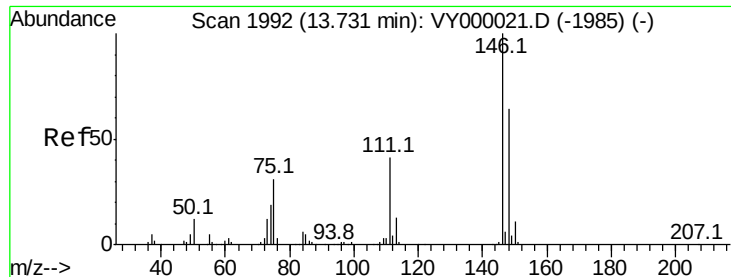
Tgt Ion: 117 Resp: 78012

Ion	Ratio	Lower	Upper
117	100		
201	62.3	31.4	94.0

117 100

201 62.3 31.4 94.0

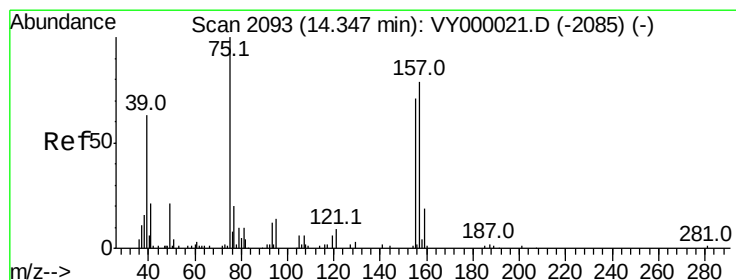
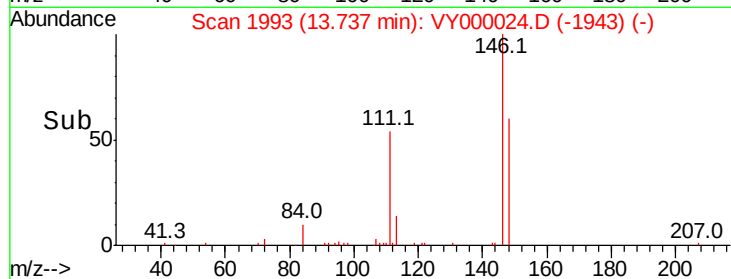
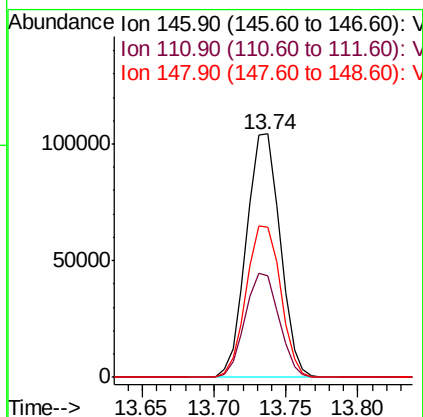
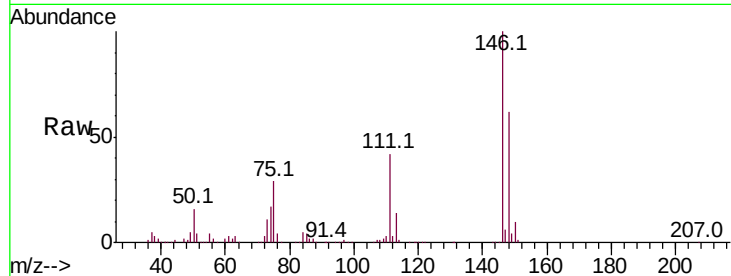




#91
 1,2-Dichlorobenzene
 Concen: 53.335 ug/l
 RT: 13.74 min Scan# 1993
 Delta R.T. 0.01 min
 Lab File: VY000024.D
 Acq: 12 Sep 2019 13:57

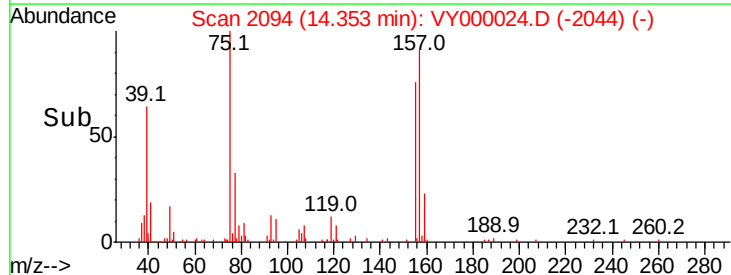
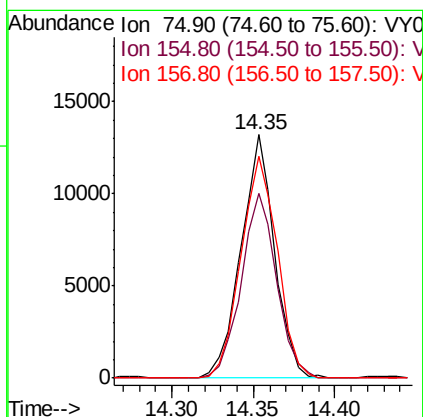
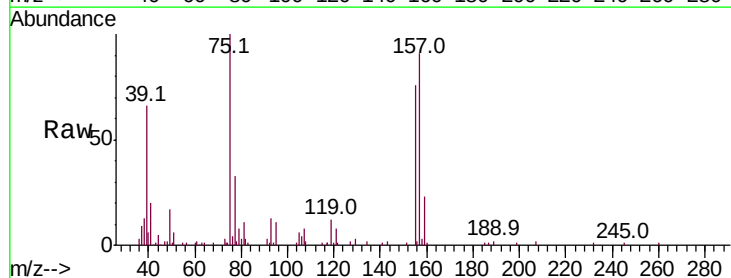
Instrument :
 MSVOA_Y
 ClientSampleId :

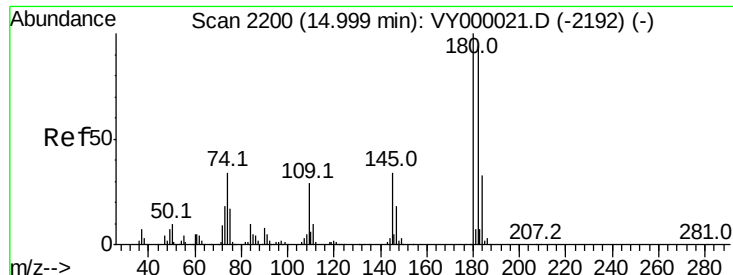
Tot Ion	Ratio	Lower	Upper
146	100		
111	43.0	21.0	63.0
148	63.5	31.6	95.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 57.596 ug/l
 RT: 14.35 min Scan# 2094
 Delta R.T. 0.01 min
 Lab File: VY000024.D
 Acq: 12 Sep 2019 13:57

Tgt Ion	Ratio	Lower	Upper
75	100		
155	80.0	41.8	125.3
157	98.9	51.3	153.9

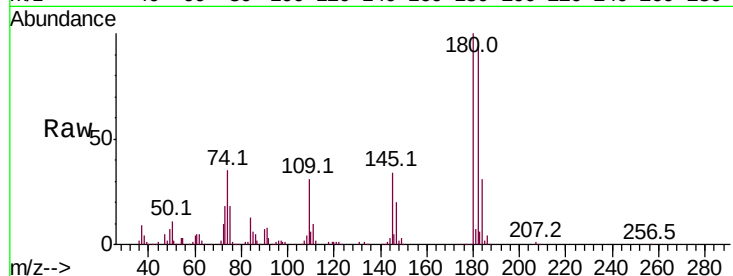




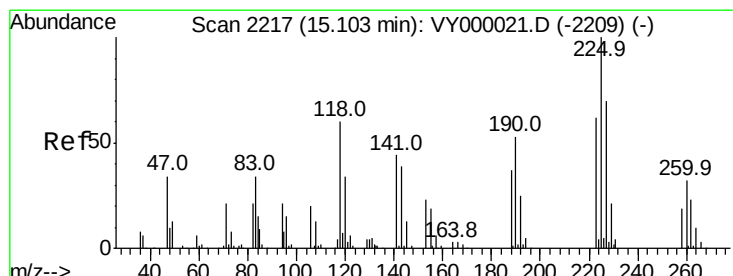
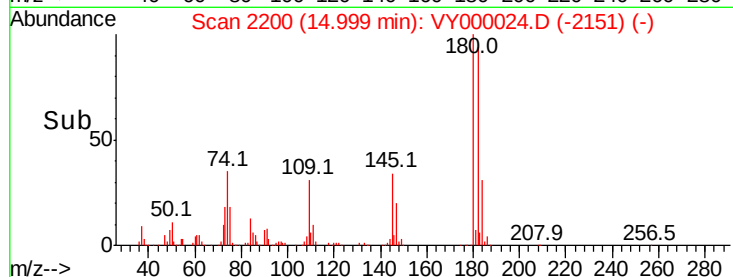
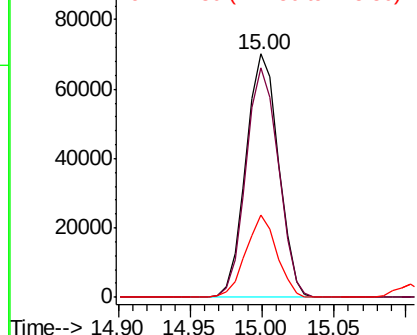
#93
 1,2,4-Trichlorobenzene
 Concen: 54.346 ug/l
 RT: 15.00 min Scan# 2200
 Delta R.T. -0.00 min
 Lab File: VY000024.D
 Acq: 12 Sep 2019 13:57

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.9	47.0	141.0
145	32.2	16.7	50.1

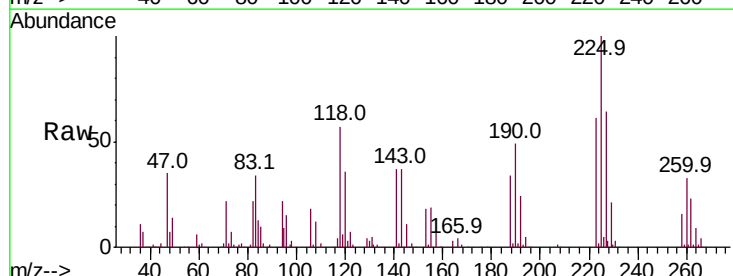


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

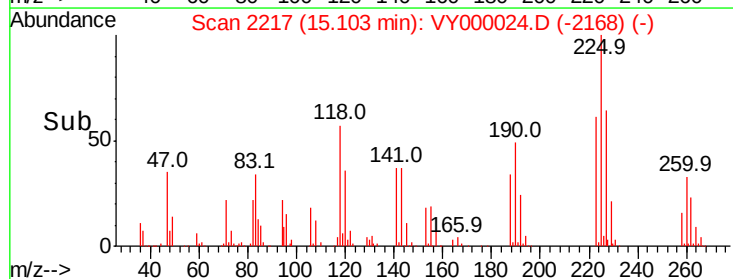
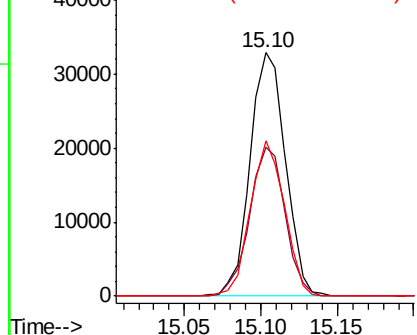


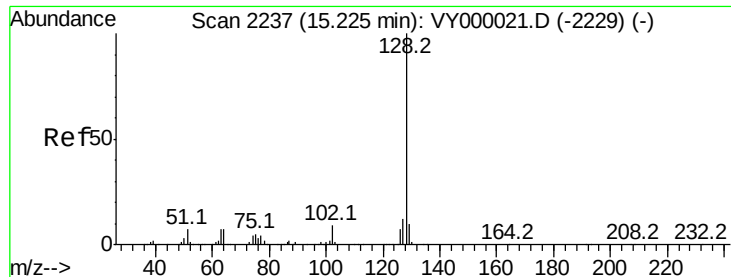
#94
 Hexachlorobutadiene
 Concen: 57.243 ug/l
 RT: 15.10 min Scan# 2217
 Delta R.T. -0.00 min
 Lab File: VY000024.D
 Acq: 12 Sep 2019 13:57

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.6	30.9	92.7
227	61.1	31.0	93.0



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

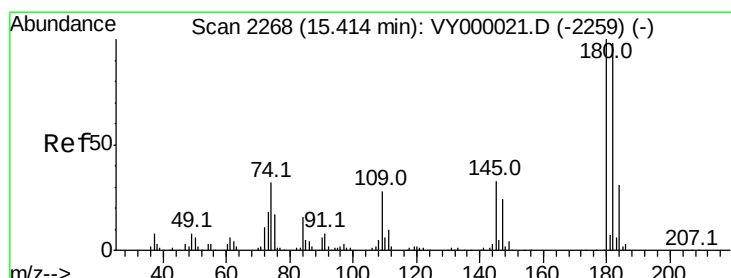
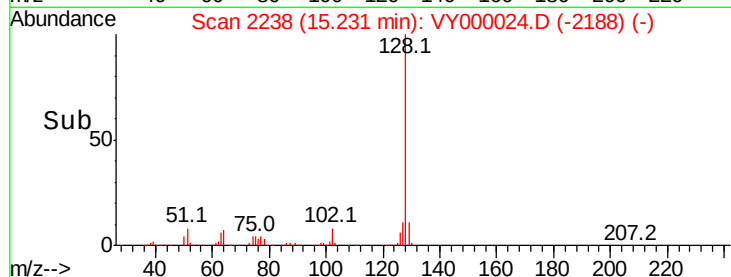
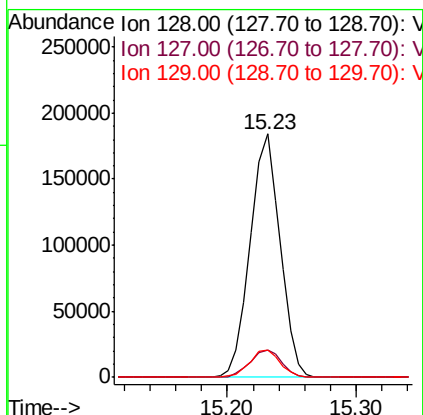
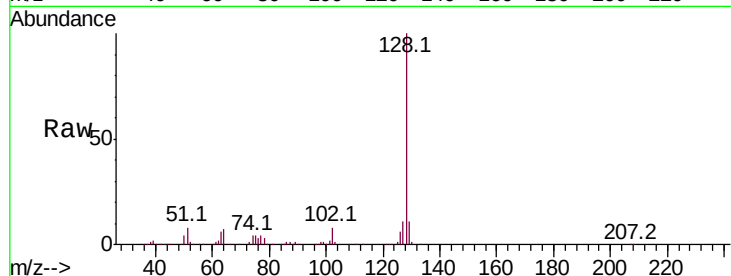




#95
Naphthalene
Concen: 53.259 ug/l
RT: 15.23 min Scan# 2238
Delta R.T. 0.01 min
Lab File: VY000024.D
Acq: 12 Sep 2019 13:57

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	11.9	9.8	14.8
129	11.6	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 55.274 ug/l
RT: 15.42 min Scan# 2269
Delta R.T. 0.01 min
Lab File: VY000024.D
Acq: 12 Sep 2019 13:57

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.5	46.8	140.4
145	33.7	17.3	51.7

