

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY091719\
 Data File : VY000055.D
 Acq On : 17 Sep 2019 12:31
 Operator : SY/MD
 Sample : VSTDICC100
 Misc : 5.00g/5.00ml/MSVOA Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 17 12:57:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y091719S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 17 12:22:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.79	168	115417	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	216665	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	189695	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	81726	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	133317	94.28	ug/l	0.00
Spiked Amount			Recovery	=	188.56%	
35) Dibromofluoromethane	7.72	113	127609	91.94	ug/l	0.00
Spiked Amount			Recovery	=	183.88%	
50) Toluene-d8	10.18	98	535481	100.27	ug/l	0.00
Spiked Amount			Recovery	=	200.54%	
62) 4-Bromofluorobenzene	12.48	95	187231	92.89	ug/l	0.00
Spiked Amount			Recovery	=	185.78%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.90	85	74586	74.918	ug/l	97
3) Chloromethane	2.11	50	97172	62.954	ug/l	94
4) Vinyl Chloride	2.25	62	115235	85.980	ug/l	95
5) Bromomethane	2.62	94	69139	75.058	ug/l	96
6) Chloroethane	2.78	64	78584	85.304	ug/l	98
7) Trichlorofluoromethane	3.11	101	160765	83.357	ug/l	90
8) Diethyl Ether	3.53	74	71735	91.310	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.89	101	115380	89.961	ug/l	99
10) Methyl Iodide	4.08	142	136064	110.525	ug/l	99
11) Tert butyl alcohol	4.98	59	71639	403.305	ug/l	99
12) 1,1-Dichloroethene	3.87	96	105438	87.795	ug/l	91
13) Acrolein	3.72	56	33585	319.562	ug/l	97
14) Allyl chloride	4.47	41	162472	88.651	ug/l	100
15) Acrylonitrile	5.16	53	219192	463.380	ug/l	99
16) Acetone	3.95	43	152972	469.818	ug/l	97
17) Carbon Disulfide	4.19	76	193606	81.173	ug/l	98
18) Methyl Acetate	4.48	43	96426	88.756	ug/l	97
19) Methyl tert-butyl Ether	5.22	73	339642	93.788	ug/l	96
20) Methylene Chloride	4.71	84	130504	83.966	ug/l	98
21) trans-1,2-Dichloroethene	5.21	96	114877	88.560	ug/l	94
22) Diisopropyl ether	6.11	45	383915	96.836	ug/l	97
23) Vinyl Acetate	6.06	43	1285753	489.900	ug/l	98
24) 1,1-Dichloroethane	6.02	63	219646	93.001	ug/l	97
25) 2-Butanone	6.99	43	268789	465.293	ug/l	100
26) 2,2-Dichloropropane	6.98	77	191033	81.777	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	151407	92.459	ug/l	98
28) Bromochloromethane	7.33	49	111365	101.099	ug/l	95
29) Tetrahydrofuran	7.34	42	162273	468.821	ug/l	99
30) Chloroform	7.50	83	226774	90.736	ug/l	95
31) Cyclohexane	7.78	56	157448	76.375	ug/l	96
32) 1,1,1-Trichloroethane	7.70	97	183640	92.357	ug/l	99
36) 1,1-Dichloropropene	7.92	75	152611	89.620	ug/l	98
37) Ethyl Acetate	7.08	43	106065	97.599	ug/l	99
38) Carbon Tetrachloride	7.89	117	152316	97.542	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.18	83	186518	90.174	ug/l	96
40) Benzene	8.16	78	524079	95.493	ug/l	94
41) Methacrylonitrile	7.34	41	148739	249.303	ug/l #	39
42) 1,2-Dichloroethane	8.23	62	139211	98.476	ug/l	98
43) Isopropyl Acetate	8.28	43	210925	99.407	ug/l	99
44) Trichloroethene	8.94	130	131512	94.348	ug/l	98
45) 1,2-Dichloropropane	9.22	63	136287	95.905	ug/l	100
46) Dibromomethane	9.30	93	75033	97.408	ug/l	99
47) Bromodichloromethane	9.50	83	183107	95.862	ug/l	99
48) Methyl methacrylate	9.30	41	90491	95.668	ug/l	95
49) 1,4-Dioxane	9.30	88	29018	1977.373	ug/l	92
51) 4-Methyl-2-Pentanone	10.07	43	581176	499.170	ug/l	99
52) Toluene	10.24	92	333640	96.845	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	195802	98.814	ug/l	99
54) cis-1,3-Dichloropropene	9.92	75	222801	98.066	ug/l	97
55) 1,1,2-Trichloroethane	10.64	97	121458	101.249	ug/l	98
56) Ethyl methacrylate	10.51	69	169675	101.238	ug/l	99
57) 1,3-Dichloropropane	10.79	76	195268	95.935	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	466989	507.821	ug/l	99
59) 2-Hexanone	10.83	43	421524	501.470	ug/l	99
60) Dibromochloromethane	10.98	129	126593	100.365	ug/l	99
61) 1,2-Dibromoethane	11.09	107	107856	96.284	ug/l	99
64) Tetrachloroethene	10.72	164	112424	91.374	ug/l	97
65) Chlorobenzene	11.51	112	361718	94.889	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	126104	98.427	ug/l	98
67) Ethyl Benzene	11.59	91	649755	94.164	ug/l	97
68) m/p-Xylenes	11.70	106	496500	187.799	ug/l	98
69) o-Xylene	12.03	106	242088	96.433	ug/l	98
70) Styrene	12.04	104	430438	97.494	ug/l	99
71) Bromoform	12.20	173	74343	103.295	ug/l #	96
73) Isopropylbenzene	12.33	105	634277	95.243	ug/l	99
74) N-amyl acetate	12.14	43	194538	104.295	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	149435	92.555	ug/l	98
76) 1,2,3-Trichloropropane	12.63	75	197291	163.589	ug/l #	100
77) Bromobenzene	12.61	156	136651	97.956	ug/l	99
78) n-propylbenzene	12.67	91	777847	94.437	ug/l	100
79) 2-Chlorotoluene	12.75	91	434881	95.617	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	528282	95.243	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	58631	100.205	ug/l	95
82) 4-Chlorotoluene	12.85	91	454606	97.349	ug/l	98
83) tert-Butylbenzene	13.07	119	458362	96.217	ug/l	98
84) 1,2,4-Trimethylbenzene	13.12	105	529374	96.508	ug/l	100
85) sec-Butylbenzene	13.25	105	667648	94.962	ug/l	100
86) p-Isopropyltoluene	13.37	119	559020	93.887	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	269069	98.076	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	269952	95.795	ug/l	99
89) n-Butylbenzene	13.69	91	589713	96.705	ug/l	100
90) Hexachloroethane	13.96	117	112901	96.572	ug/l	98
91) 1,2-Dichlorobenzene	13.73	146	252651	95.854	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.36	75	27177	88.657	ug/l	99

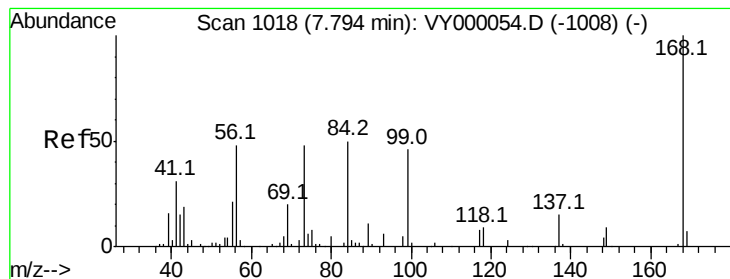
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	156942	101.433	ug/l	98
94) Hexachlorobutadiene	15.11	225	68907	91.554	ug/l	95
95) Naphthalene	15.23	128	441043	98.967	ug/l	98
96) 1,2,3-Trichlorobenzene	15.42	180	144615	98.423	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.79 min Scan# 1118

Delta R.T. -0.00 min

Lab File: VY000055.D

Acq: 17 Sep 2019 12:31

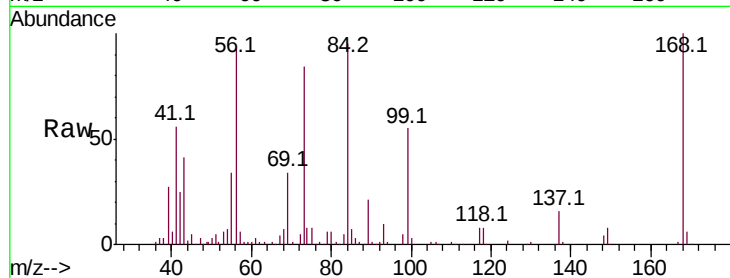
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:168 Resp: 115417

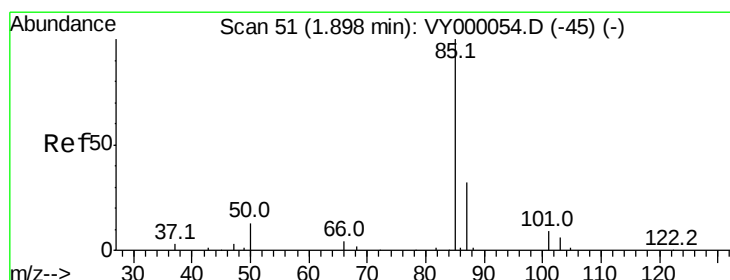
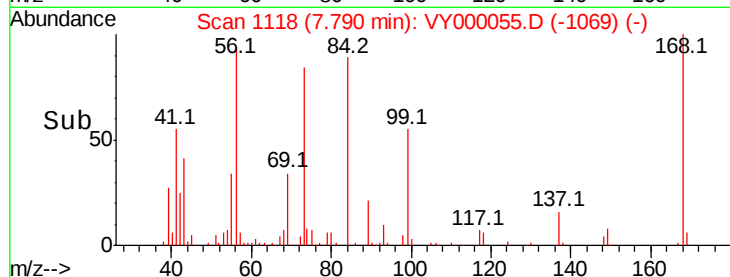
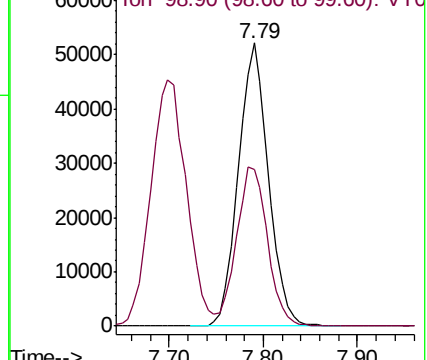
Ion Ratio Lower Upper

168 100

99 55.3 44.2 66.2



Abundance Ion 167.90 (167.60 to 168.60): VY000054.D (-1008) (-)



#2

Dichlorodifluoromethane

Concen: 74.918 ug/l

RT: 1.90 min Scan# 152

Delta R.T. 0.00 min

Lab File: VY000055.D

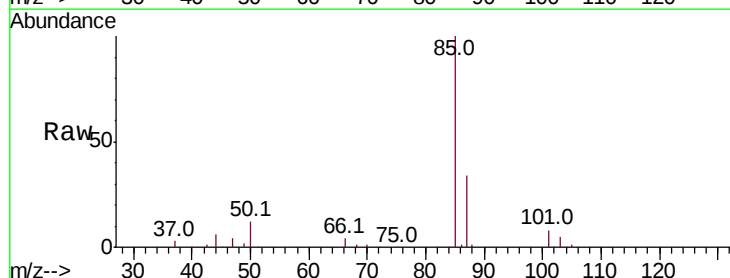
Acq: 17 Sep 2019 12:31

Tgt Ion: 85 Resp: 74586

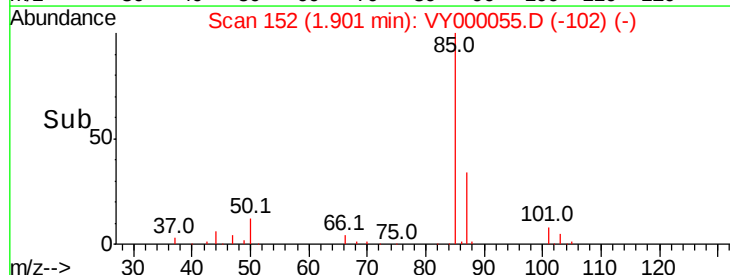
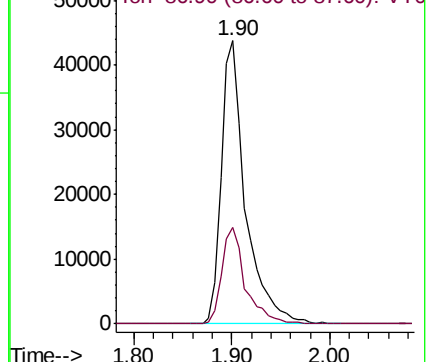
Ion Ratio Lower Upper

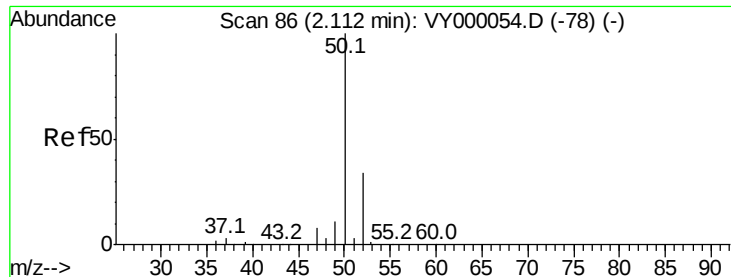
85 100

87 34.1 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VY000054.D (-45) (-)





#3

Chloromethane

Concen: 62.954 ug/l

RT: 2.11 min Scan# 187

Delta R.T. 0.00 min

Lab File: VY000055.D

Acq: 17 Sep 2019 12:31

Instrument :

MSVOA_Y

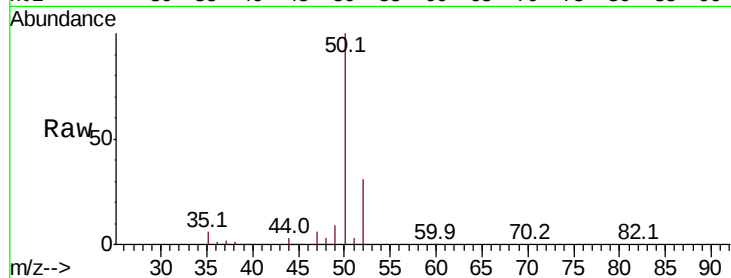
ClientSampleId :

Tot Ion: 50 Resp: 97172

Ion Ratio Lower Upper

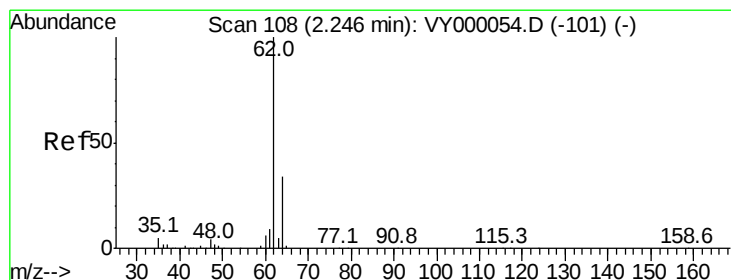
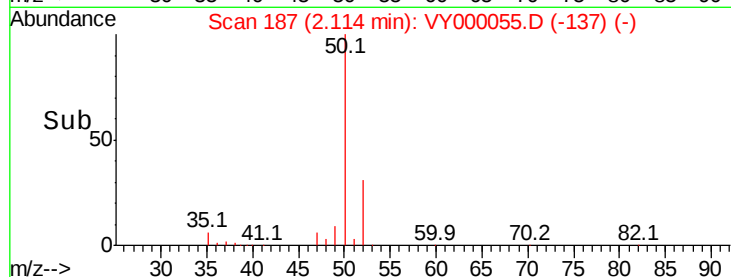
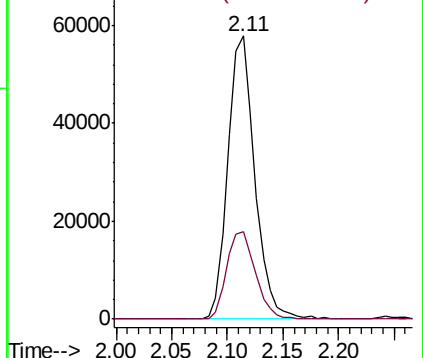
50 100

52 30.7 27.3 40.9



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 85.980 ug/l

RT: 2.25 min Scan# 209

Delta R.T. 0.00 min

Lab File: VY000055.D

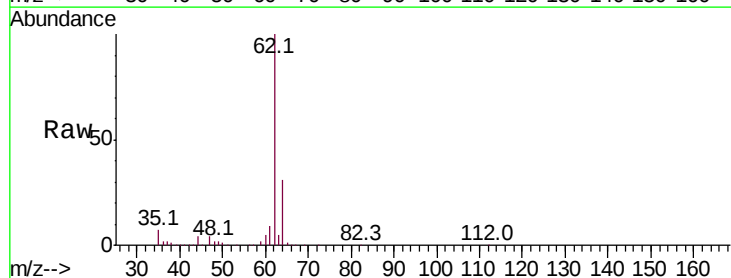
Acq: 17 Sep 2019 12:31

Tgt Ion: 62 Resp: 115235

Ion Ratio Lower Upper

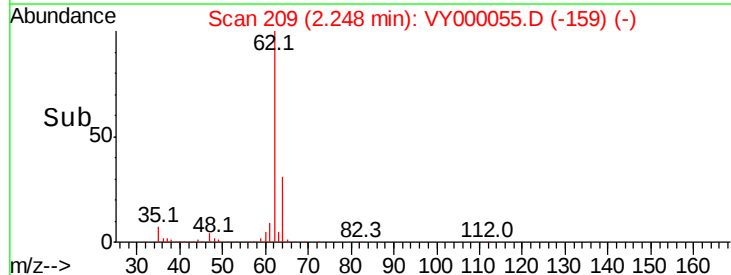
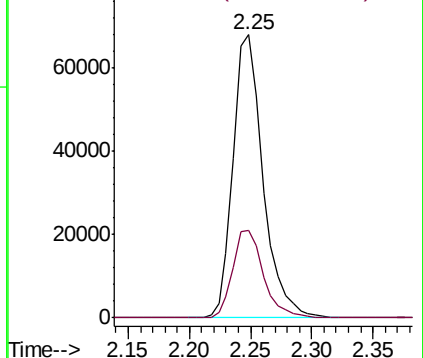
62 100

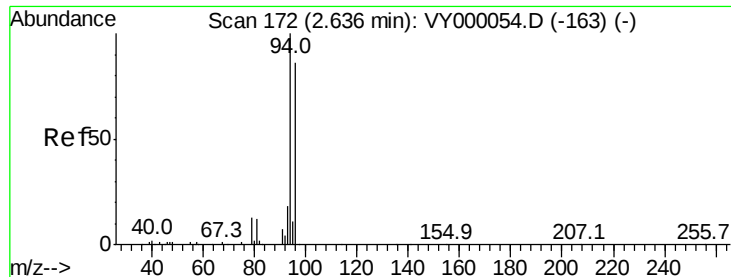
64 30.9 26.9 40.3



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 75.058 ug/l

RT: 2.62 min Scan# 270

Delta R.T. -0.02 min

Lab File: VY000055.D

Acq: 17 Sep 2019 12:31

Instrument :

MSVOA_Y

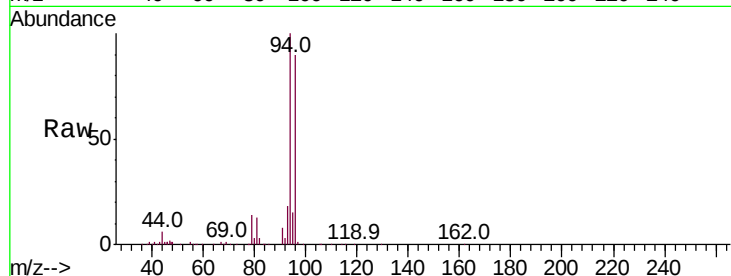
ClientSampleId :

Tot Ion: 94 Resp: 69139

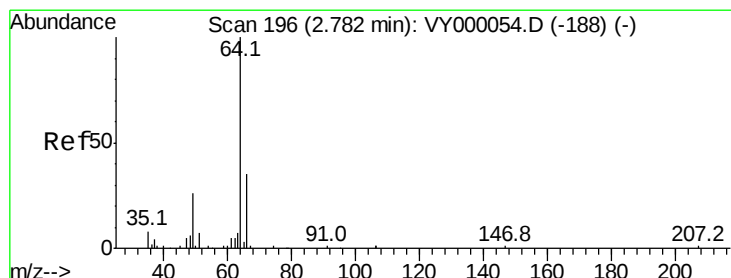
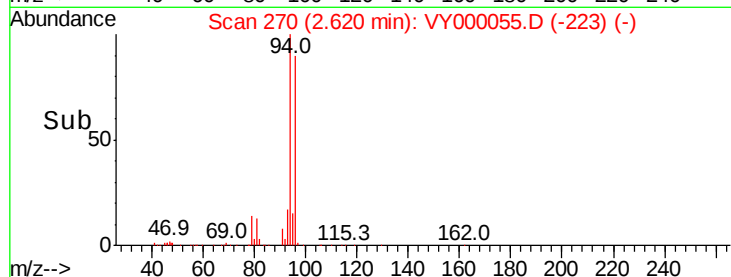
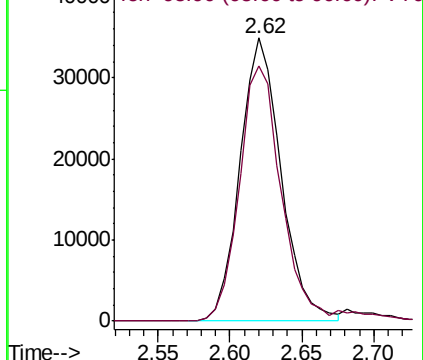
Ion Ratio Lower Upper

94 100

96 90.4 69.1 103.7



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



#6

Chloroethane

Concen: 85.304 ug/l

RT: 2.78 min Scan# 296

Delta R.T. -0.00 min

Lab File: VY000055.D

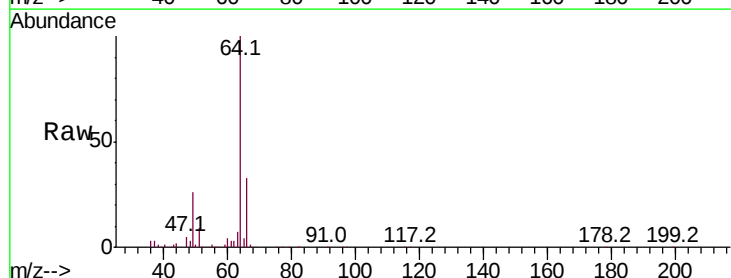
Acq: 17 Sep 2019 12:31

Tgt Ion: 64 Resp: 78584

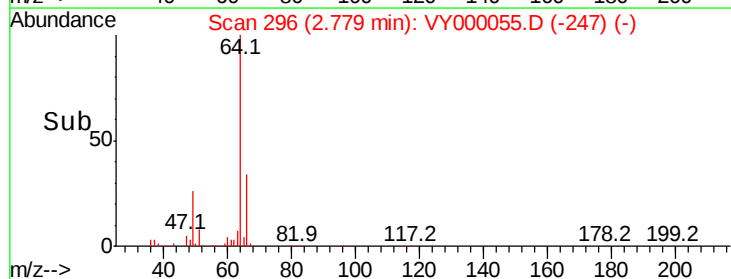
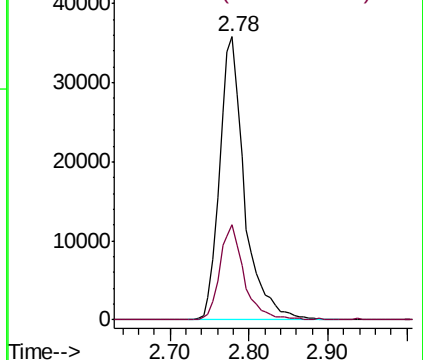
Ion Ratio Lower Upper

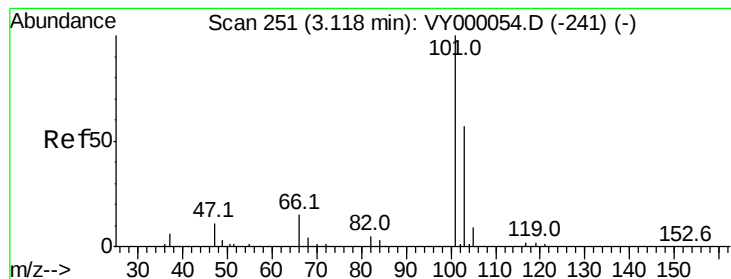
64 100

66 33.5 27.7 41.5



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



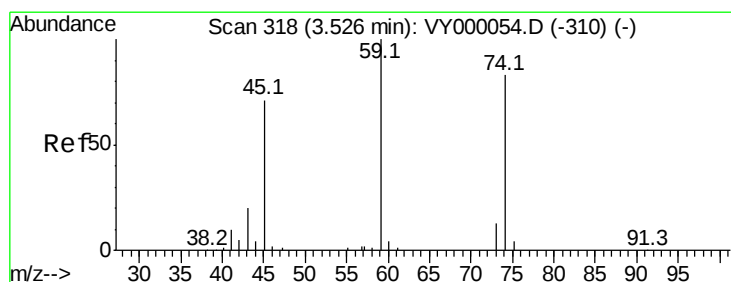
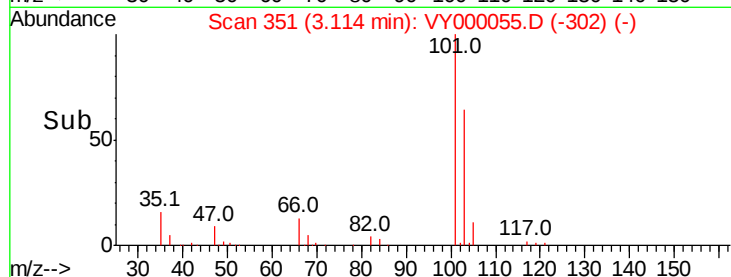
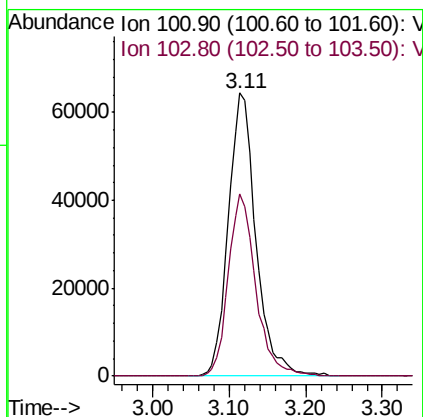
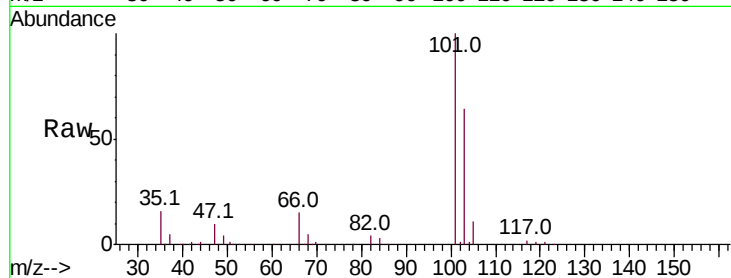


#7

Trichlorofluoromethane
 Concen: 83.357 ug/l
 RT: 3.11 min Scan# 351
 Delta R.T. -0.00 min
 Lab File: VY000055.D
 Acq: 17 Sep 2019 12:31

Instrument :
 MSVOA_Y
 ClientSampleId :

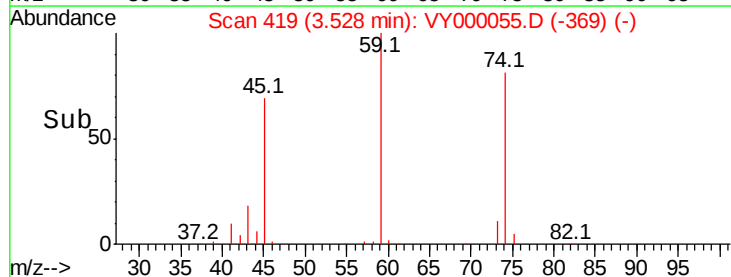
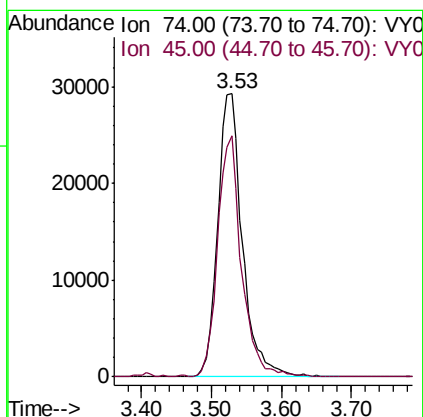
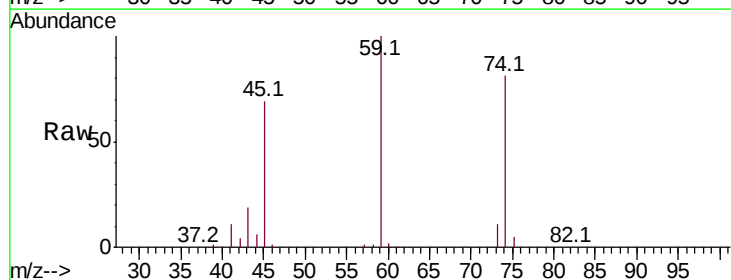
Tot Ion:101 Resp: 160765
 Ion Ratio Lower Upper
 101 100
 103 64.4 45.7 68.5

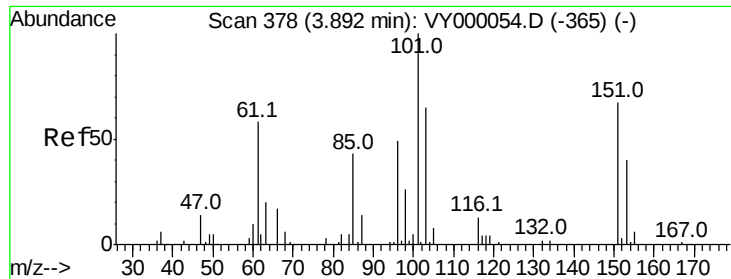


#8

Diethyl Ether
 Concen: 91.310 ug/l
 RT: 3.53 min Scan# 419
 Delta R.T. 0.00 min
 Lab File: VY000055.D
 Acq: 17 Sep 2019 12:31

Tgt Ion: 74 Resp: 71735
 Ion Ratio Lower Upper
 74 100
 45 82.2 40.6 122.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 89.961 ug/l

RT: 3.89 min Scan# 478

Delta R.T. -0.00 min

Lab File: VY000055.D

Acq: 17 Sep 2019 12:31

Instrument :

MSVOA_Y

ClientSampled :

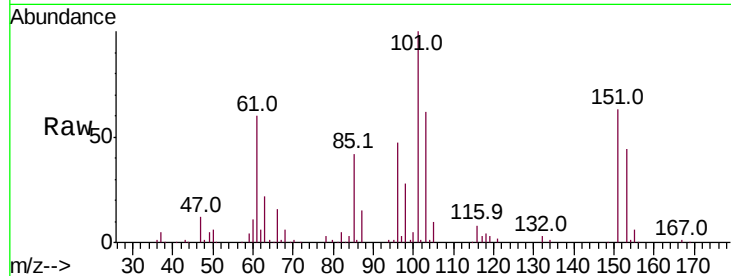
Tot Ion:101 Resp: 115380

Ion Ratio Lower Upper

101 100

85 44.5 36.8 55.2

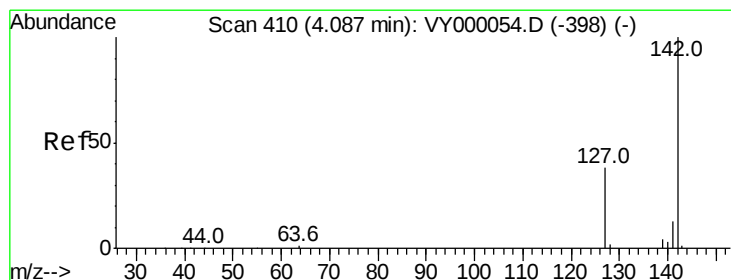
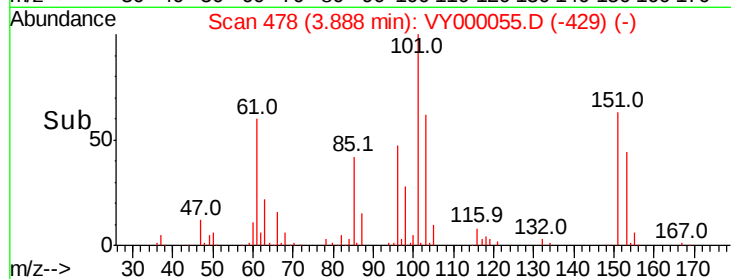
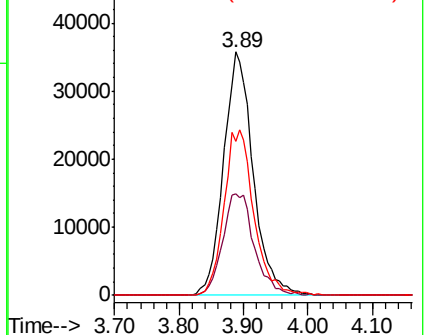
151 68.5 54.4 81.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VY0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 110.525 ug/l

RT: 4.08 min Scan# 510

Delta R.T. -0.00 min

Lab File: VY000055.D

Acq: 17 Sep 2019 12:31

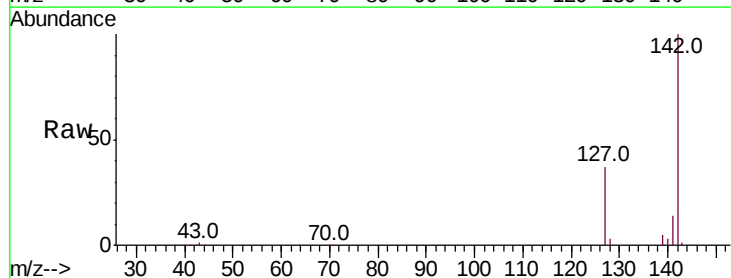
Tgt Ion:142 Resp: 136064

Ion Ratio Lower Upper

142 100

127 40.0 31.6 47.4

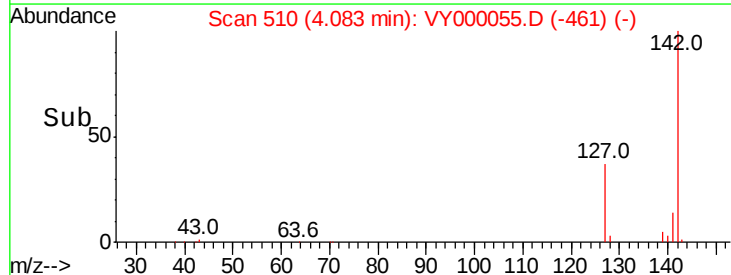
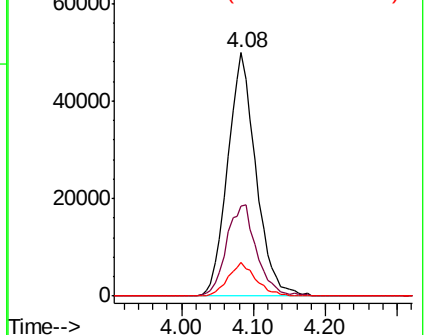
141 13.6 10.9 16.3

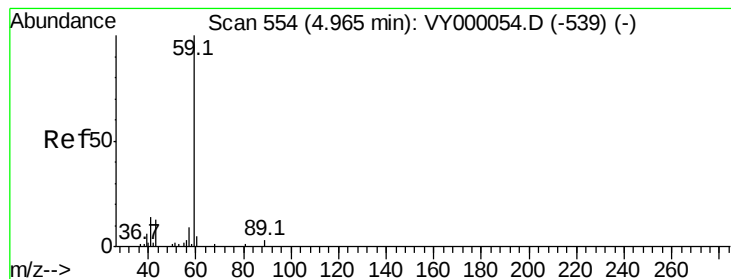


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



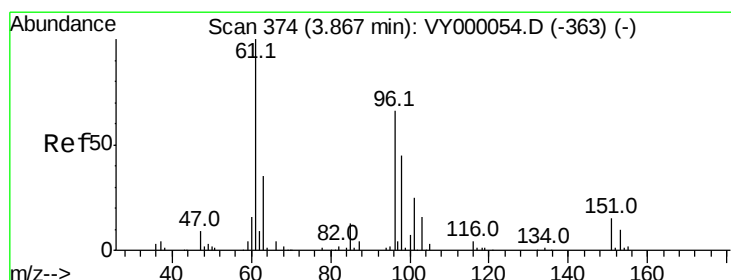
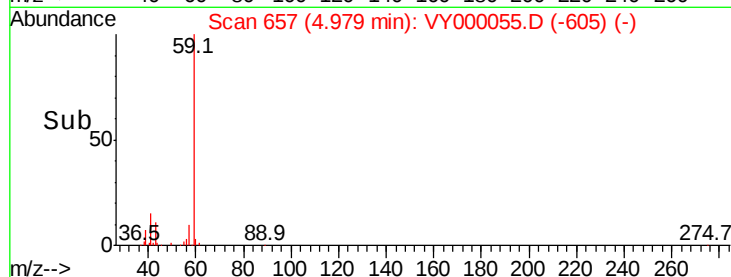
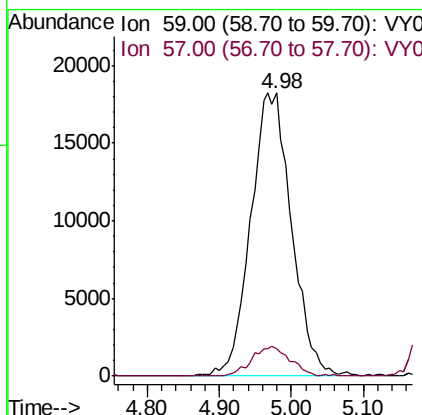
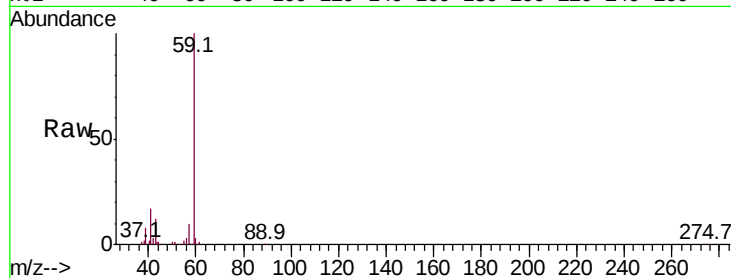


#11

Tert butyl alcohol
 Concen: 403.305 ug/l
 RT: 4.98 min Scan# 657
 Delta R.T. 0.01 min
 Lab File: VY000055.D
 Acq: 17 Sep 2019 12:31

Instrument :
 MSVOA_Y
 ClientSampleId :

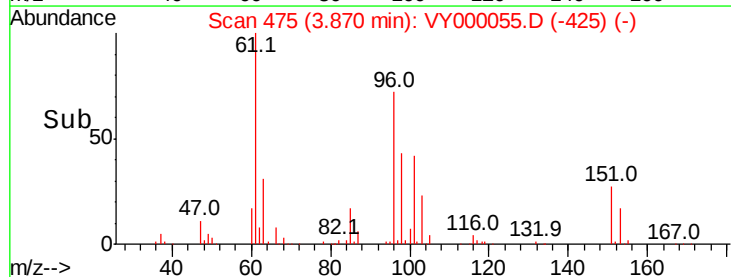
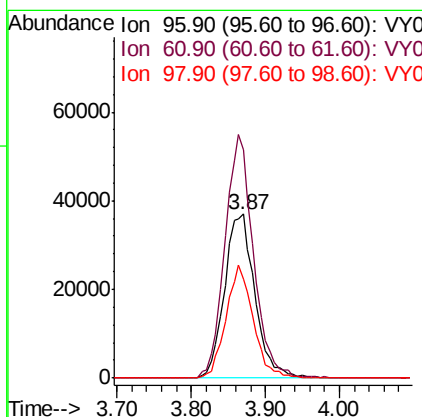
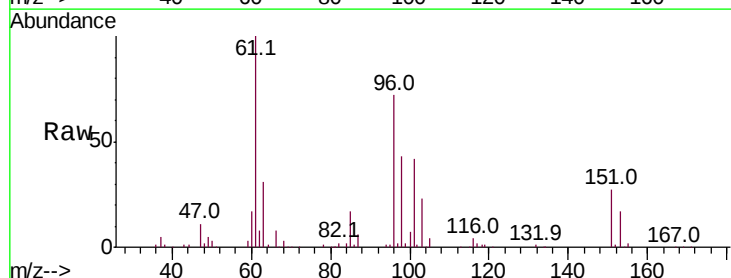
Tot Ion: 59 Resp: 71639
 Ion Ratio Lower Upper
 59 100
 57 9.8 8.0 12.0

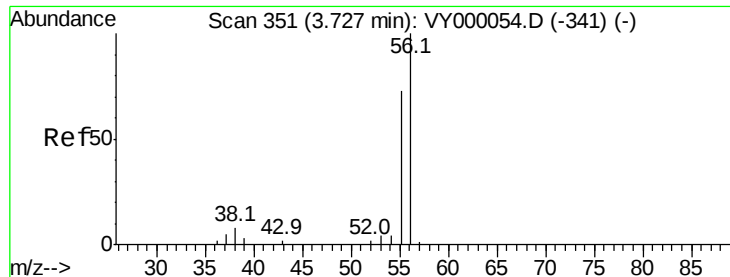


#12

1,1-Dichloroethene
 Concen: 87.795 ug/l
 RT: 3.87 min Scan# 475
 Delta R.T. 0.00 min
 Lab File: VY000055.D
 Acq: 17 Sep 2019 12:31

Tgt Ion: 96 Resp: 105438
 Ion Ratio Lower Upper
 96 100
 61 139.3 120.4 180.6
 98 60.2 54.1 81.1

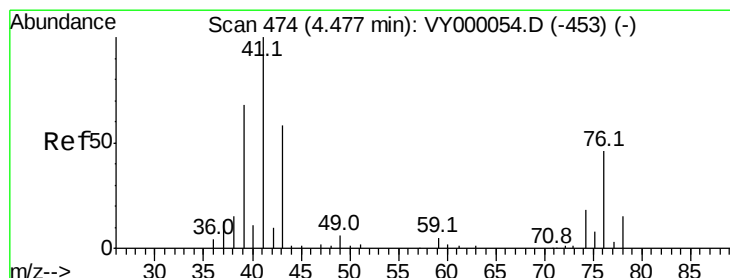
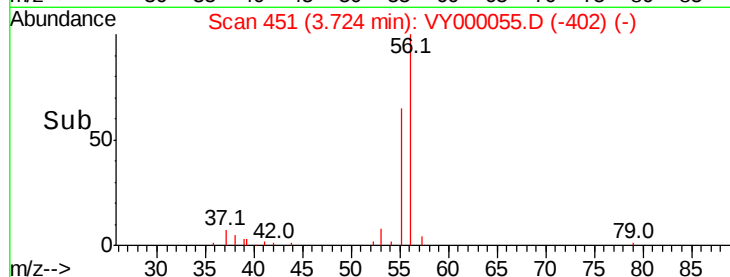
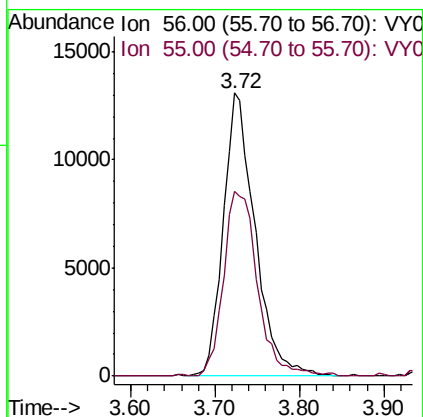
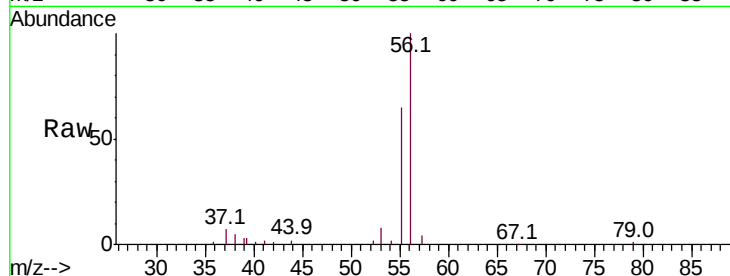




#13
Acrolein
Concen: 319.562 ug/l
RT: 3.72 min Scan# 451
Delta R.T. -0.00 min
Lab File: VY000055.D
Acq: 17 Sep 2019 12:31

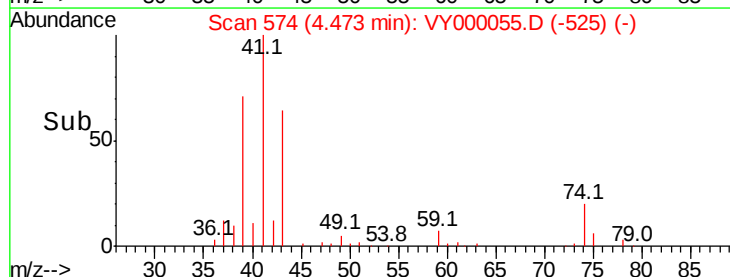
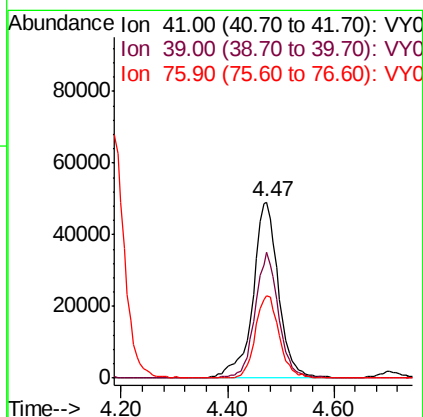
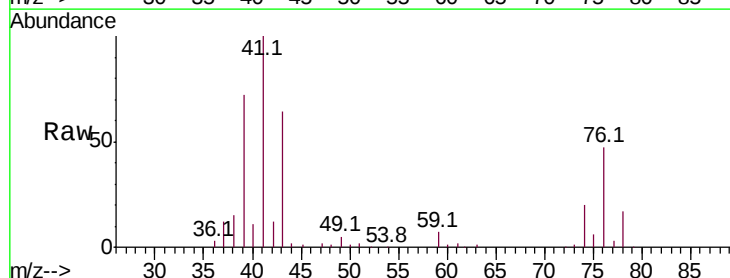
Instrument :
MSVOA_Y
ClientSampled :

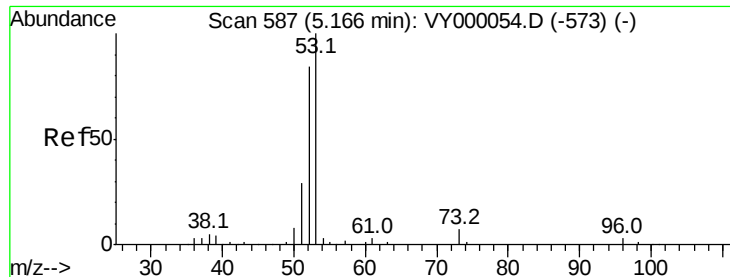
Tot Ion: 56 Resp: 33585
Ion Ratio Lower Upper
56 100
55 69.7 57.8 86.8



#14
Allyl chloride
Concen: 88.651 ug/l
RT: 4.47 min Scan# 574
Delta R.T. -0.00 min
Lab File: VY000055.D
Acq: 17 Sep 2019 12:31

Tgt Ion: 41 Resp: 162472
Ion Ratio Lower Upper
41 100
39 65.9 52.7 79.1
76 43.6 35.5 53.3





#15

Acrylonitrile

Concen: 463.380 ug/l

RT: 5.16 min Scan# 687

Delta R.T. -0.00 min

Lab File: VY000055.D

Acq: 17 Sep 2019 12:31

Instrument :

MSVOA_Y

ClientSampleId :

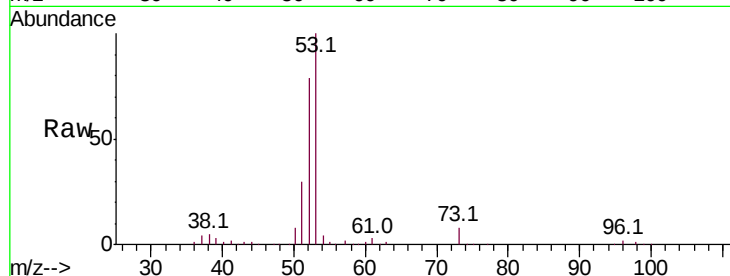
Tot Ion: 53 Resp: 219192

Ion Ratio Lower Upper

53 100

52 79.7 64.7 97.1

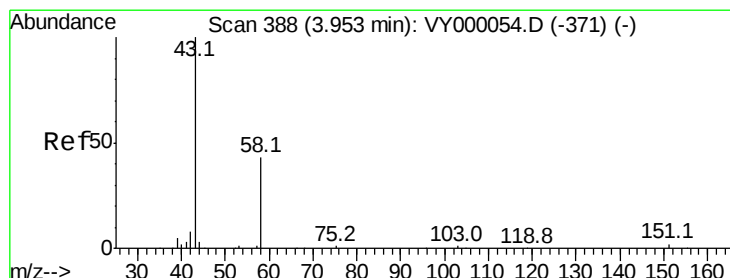
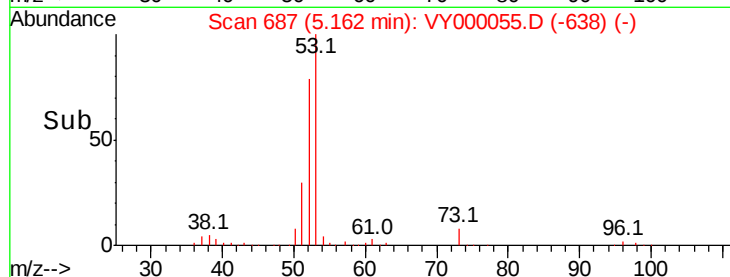
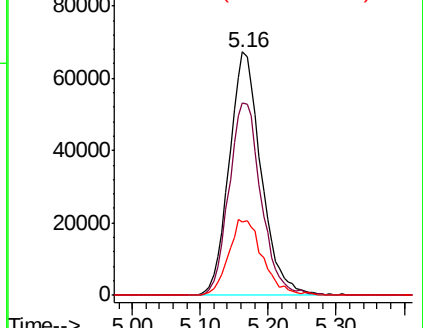
51 33.3 26.7 40.1



Abundance Ion 53.00 (52.70 to 53.70): VY0

Ion 52.00 (51.70 to 52.70): VY0

Ion 51.00 (50.70 to 51.70): VY0



#16

Acetone

Concen: 469.818 ug/l

RT: 3.95 min Scan# 488

Delta R.T. -0.00 min

Lab File: VY000055.D

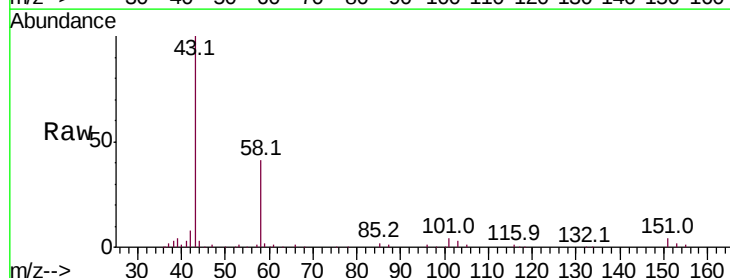
Acq: 17 Sep 2019 12:31

Tgt Ion: 43 Resp: 152972

Ion Ratio Lower Upper

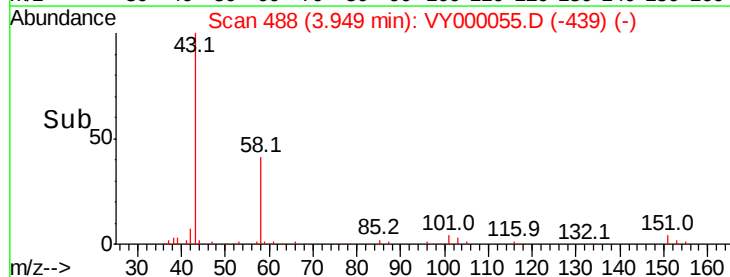
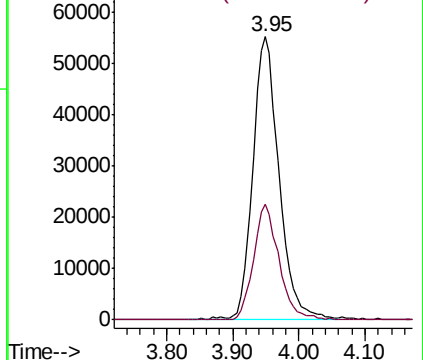
43 100

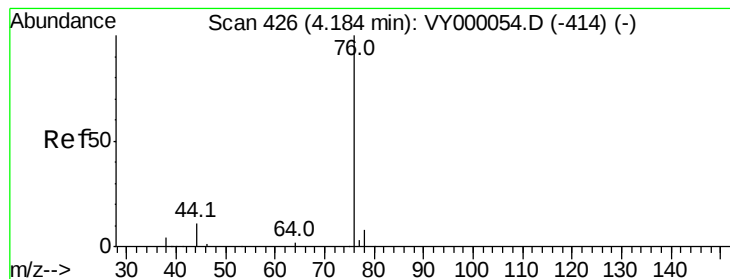
58 41.0 34.5 51.7



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0





#17

Carbon Disulfide

Concen: 81.173 ug/l

RT: 4.19 min Scan# 527

Delta R.T. 0.00 min

Lab File: VY000055.D

Acq: 17 Sep 2019 12:31

Instrument :

MSVOA_Y

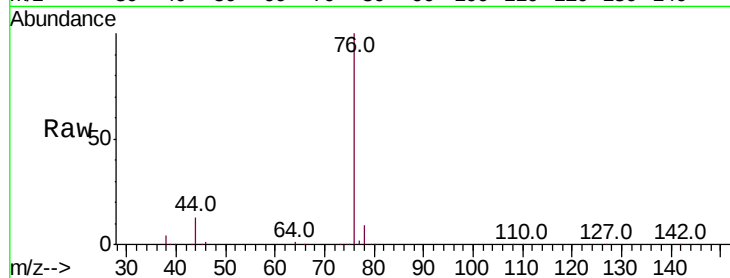
ClientSampleId :

Tot Ion: 76 Resp: 193606

Ion Ratio Lower Upper

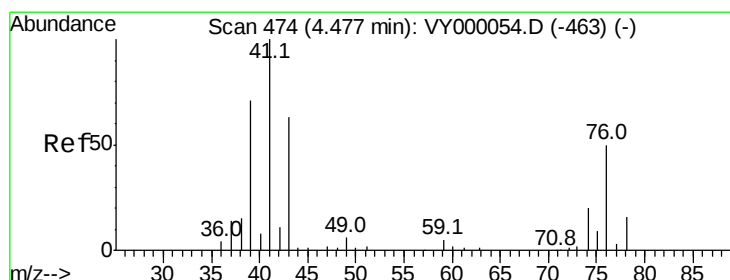
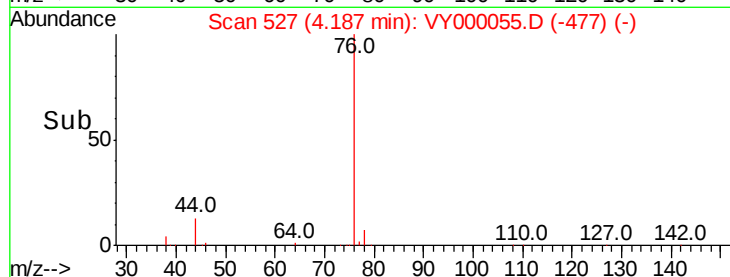
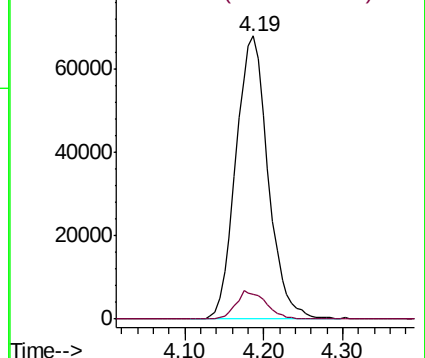
76 100

78 8.9 6.6 9.8



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 88.756 ug/l

RT: 4.48 min Scan# 575

Delta R.T. 0.00 min

Lab File: VY000055.D

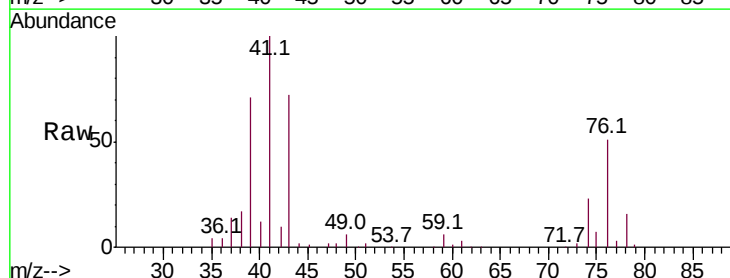
Acq: 17 Sep 2019 12:31

Tgt Ion: 43 Resp: 96426

Ion Ratio Lower Upper

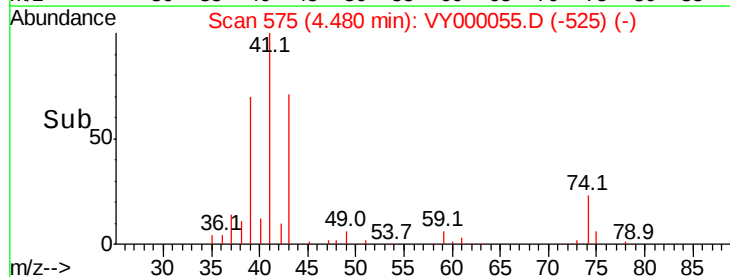
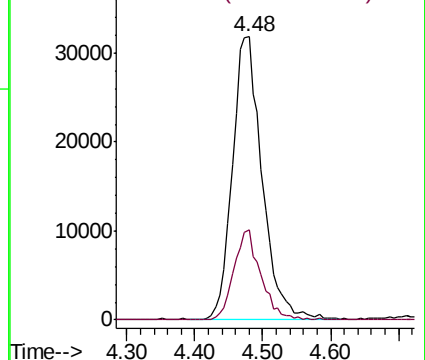
43 100

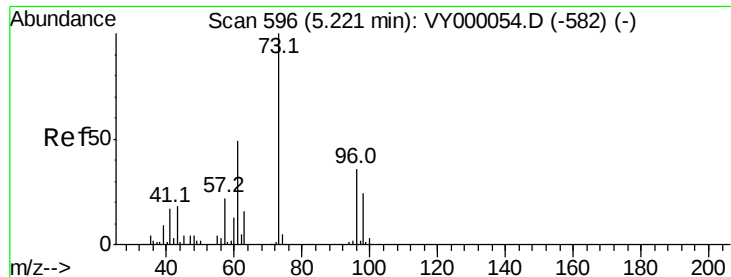
74 28.6 24.1 36.1



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0

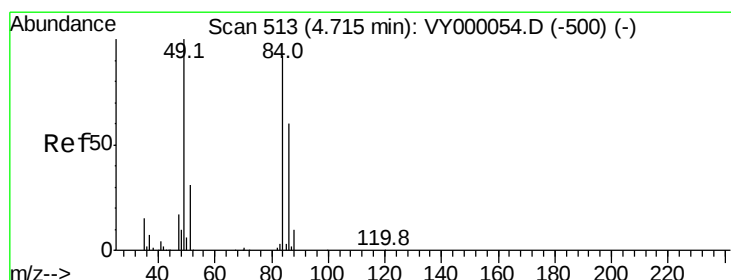
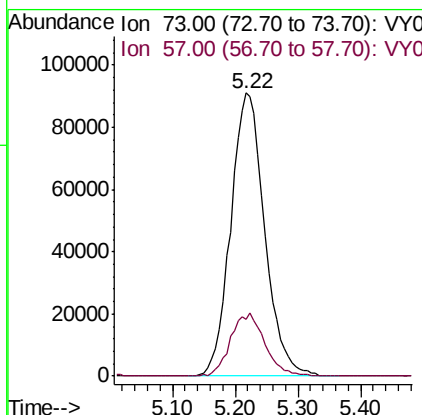
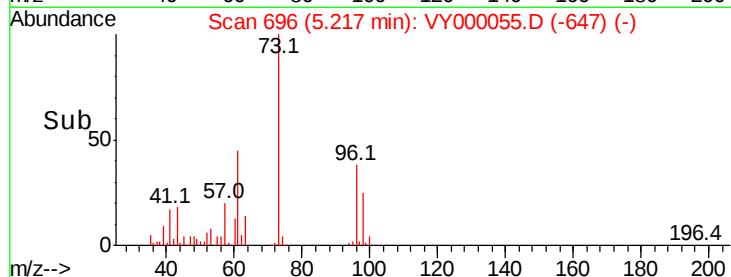
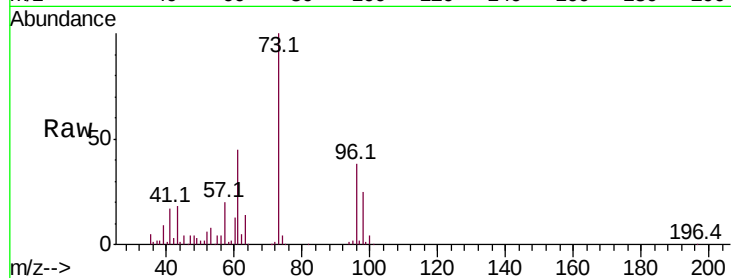




#19
Methvl tert-butvl Ether
Concen: 93.788 ug/l
RT: 5.22 min Scan# 696
Delta R.T. -0.00 min
Lab File: VY000055.D
Acq: 17 Sep 2019 12:31

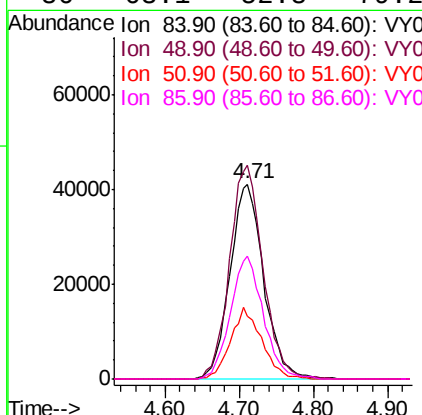
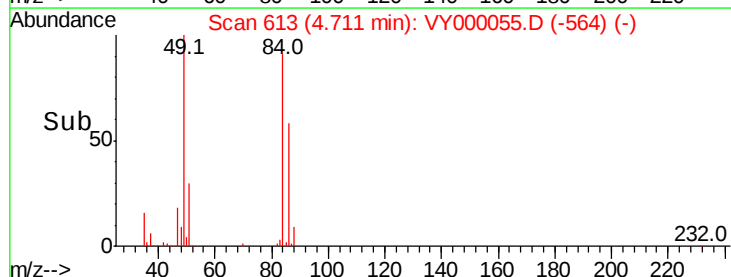
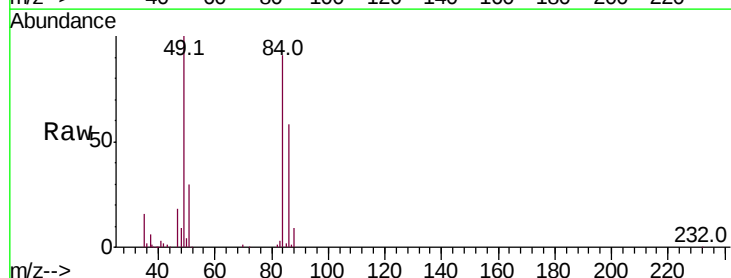
Instrument :
MSVOA_Y
ClientSampleId :

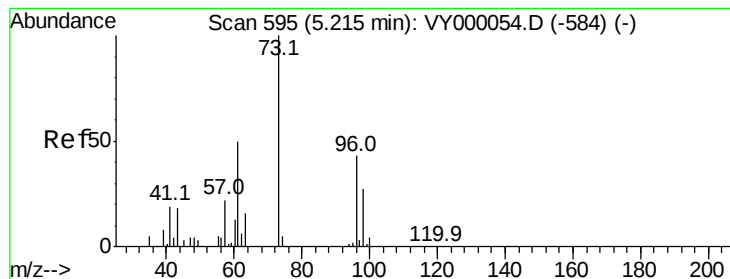
Tot Ion: 73 Resp: 339642
Ion Ratio Lower Upper
73 100
57 19.9 17.5 26.3



#20
Methylene Chloride
Concen: 83.966 ug/l
RT: 4.71 min Scan# 613
Delta R.T. -0.00 min
Lab File: VY000055.D
Acq: 17 Sep 2019 12:31

Tgt Ion: 84 Resp: 130504
Ion Ratio Lower Upper
84 100
49 109.5 87.4 131.0
51 32.5 27.2 40.8
86 63.1 52.8 79.2





#21

trans-1,2-Dichloroethene

Concen: 88.560 ug/l

RT: 5.21 min Scan# 695

Delta R.T. -0.00 min

Lab File: VY000055.D

Acq: 17 Sep 2019 12:31

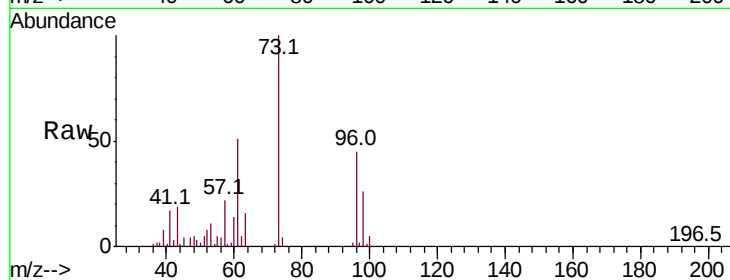
Instrument :

MSVOA_Y

ClientSampled :

Tot Ion: 96 Resp: 114877

Ion	Ratio	Lower	Upper
96	100		
61	112.5	94.0	141.0
98	56.9	50.3	75.5

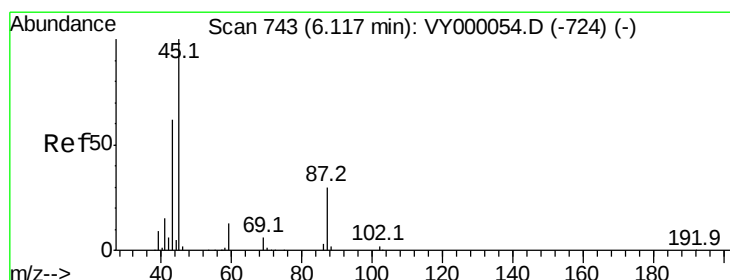
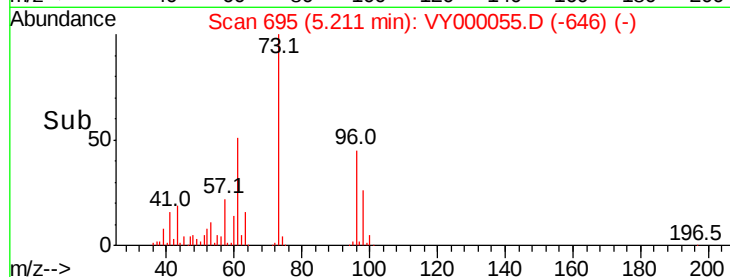
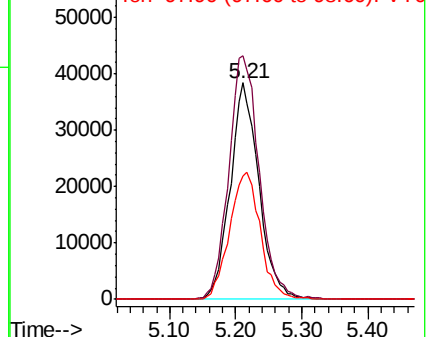


Abundance

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: 96.836 ug/l

RT: 6.11 min Scan# 843

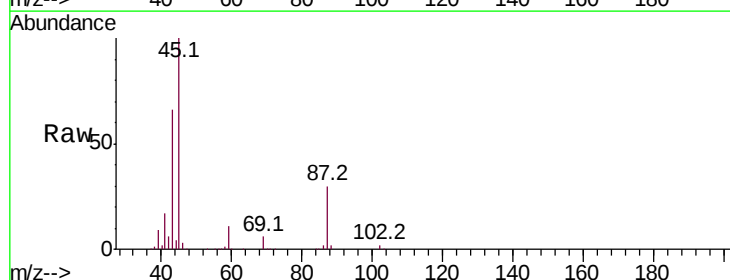
Delta R.T. -0.00 min

Lab File: VY000055.D

Acq: 17 Sep 2019 12:31

Tgt Ion: 45 Resp: 383915

Ion	Ratio	Lower	Upper
45	100		
43	65.1	49.9	74.9
87	30.2	25.0	37.4
59	10.8	10.4	15.6



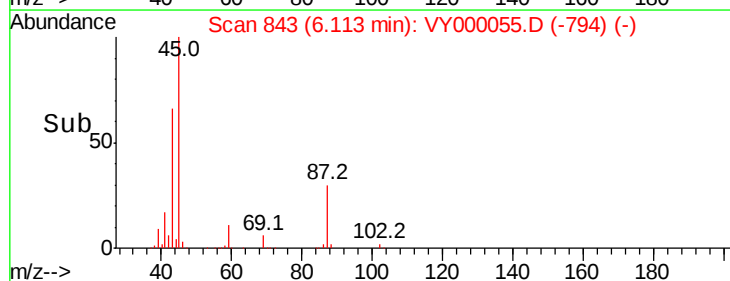
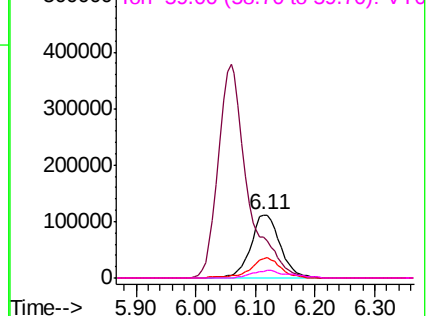
Abundance

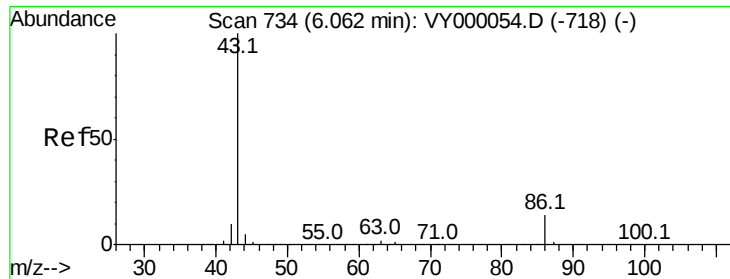
Ion 45.00 (44.70 to 45.70): VY0

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: 489.900 ug/l

RT: 6.06 min Scan# 834

Delta R.T. -0.00 min

Lab File: VY000055.D

Acq: 17 Sep 2019 12:31

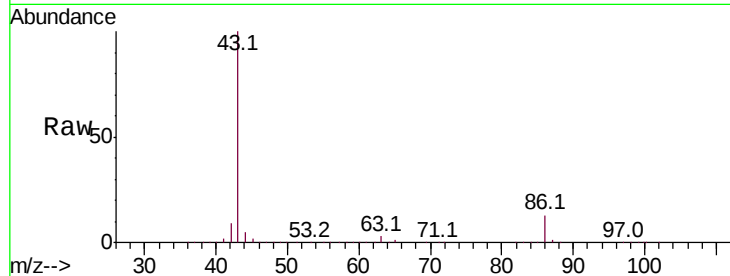
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 43 Resp: 1285753

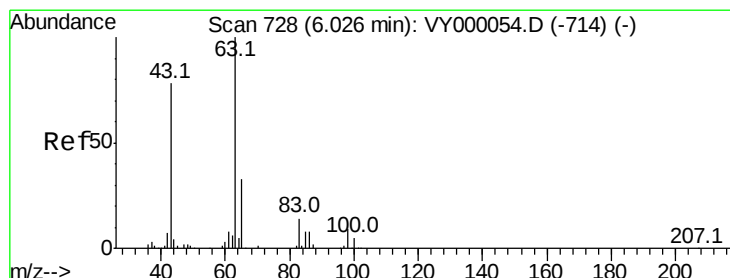
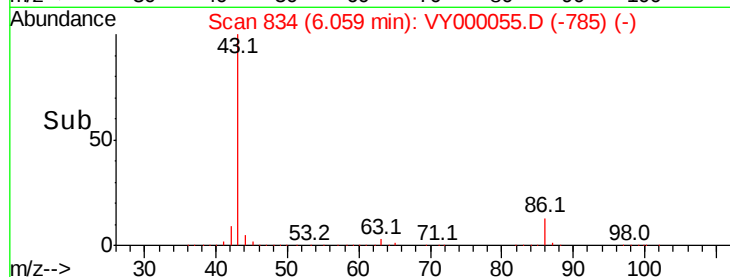
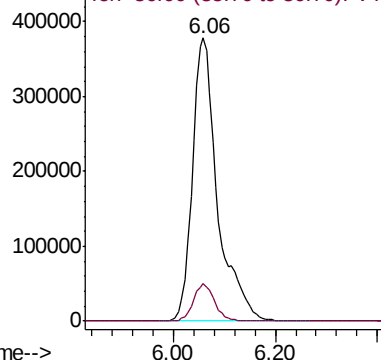
Ion Ratio Lower Upper

43 100

86 13.2 11.3 16.9



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



#24

1,1-Dichloroethane

Concen: 93.001 ug/l

RT: 6.02 min Scan# 827

Delta R.T. -0.01 min

Lab File: VY000055.D

Acq: 17 Sep 2019 12:31

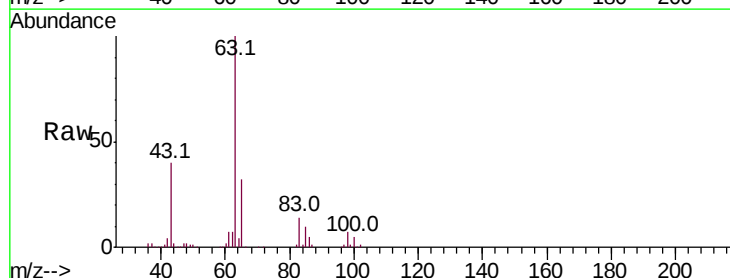
Tgt Ion: 63 Resp: 219646

Ion Ratio Lower Upper

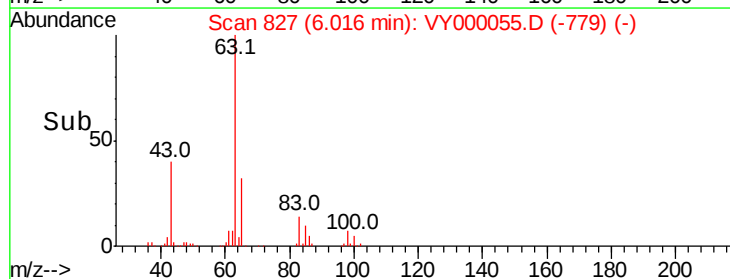
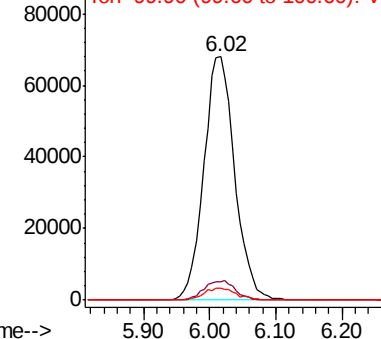
63 100

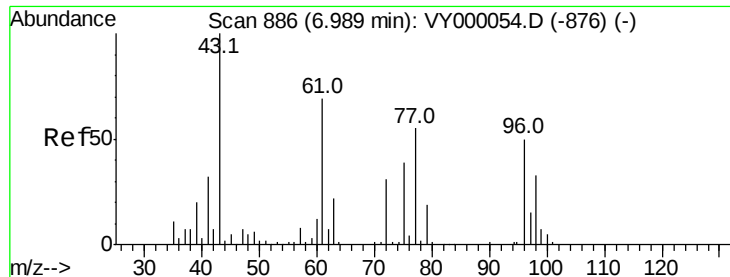
98 7.4 4.5 13.5

100 5.1 2.5 7.5



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





#25

2-Butanone

Concen: 465.293 ug/l

RT: 6.99 min Scan# 986

Delta R.T. -0.00 min

Lab File: VY000055.D

Acq: 17 Sep 2019 12:31

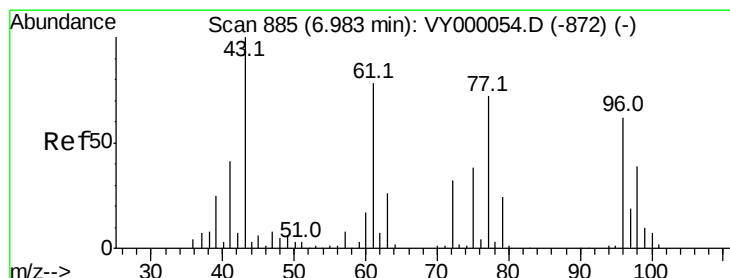
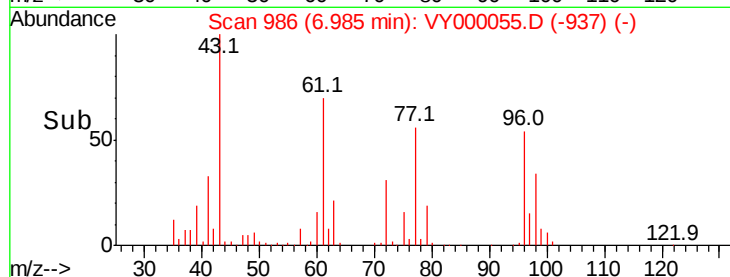
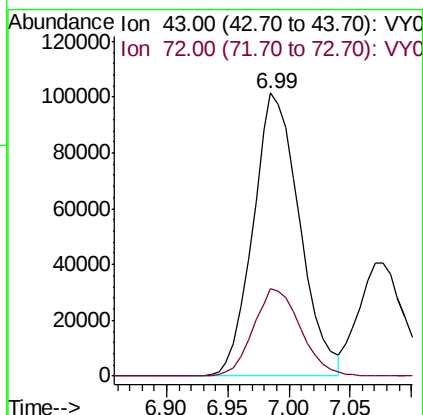
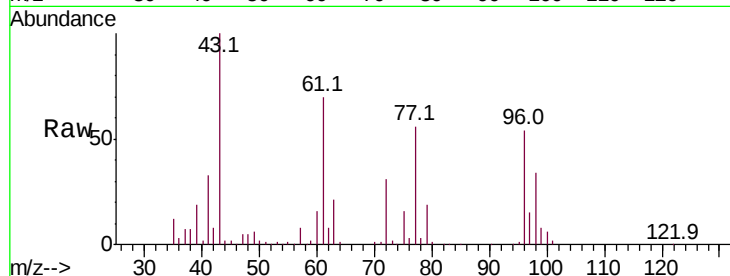
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 43 Resp: 268789

Ion Ratio Lower Upper

43 100

72 31.1 24.7 37.1



#26

2,2-Dichloropropane

Concen: 81.777 ug/l

RT: 6.98 min Scan# 985

Delta R.T. -0.00 min

Lab File: VY000055.D

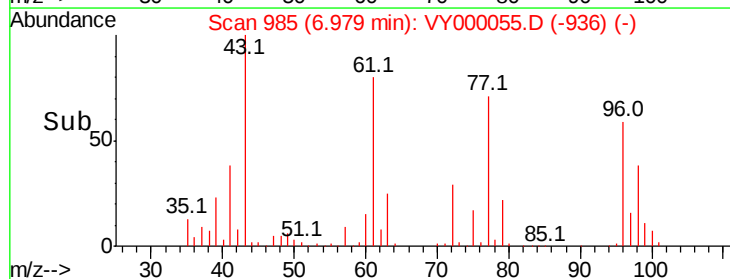
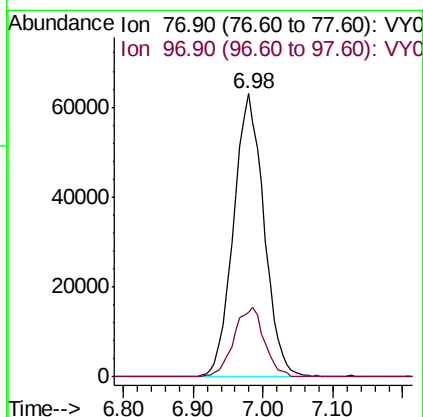
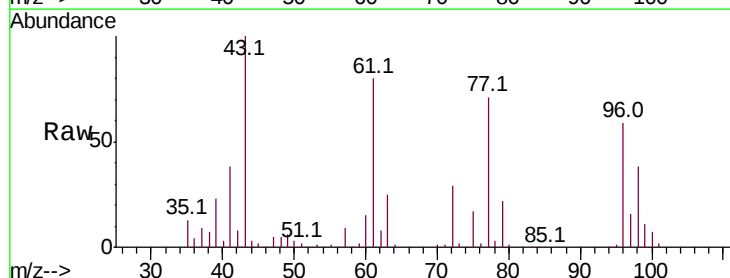
Acq: 17 Sep 2019 12:31

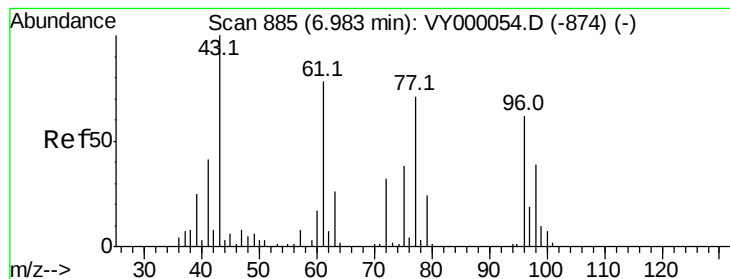
Tgt Ion: 77 Resp: 191033

Ion Ratio Lower Upper

77 100

97 24.4 12.5 37.5



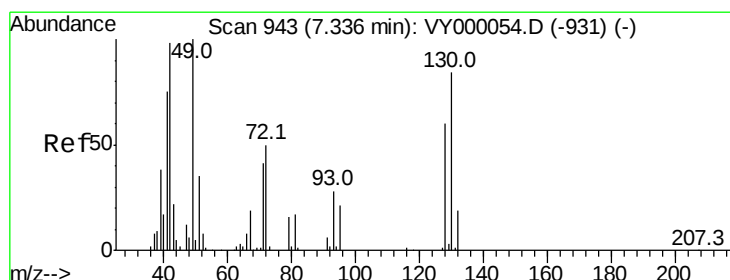
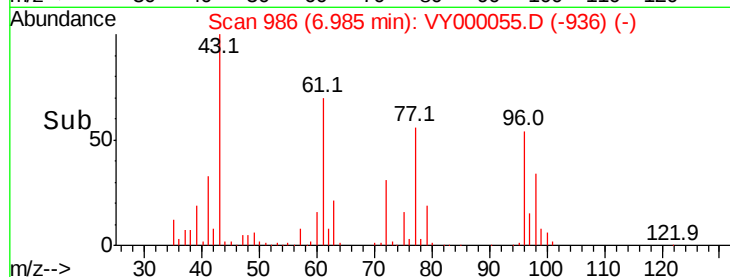
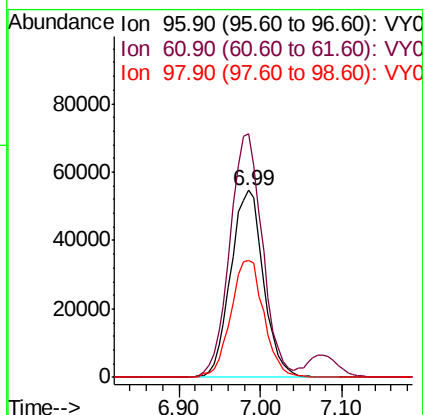
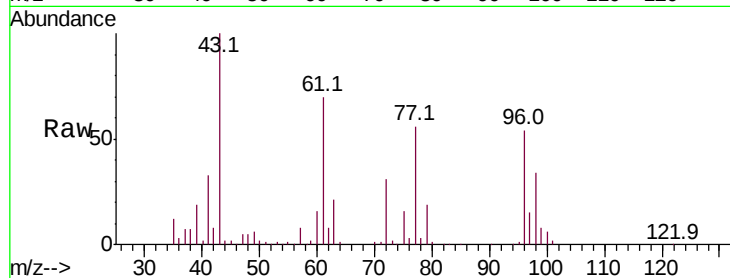


#27

cis-1,2-Dichloroethene
Concen: 92.459 ug/l
RT: 6.99 min Scan# 986
Delta R.T. 0.00 min
Lab File: VY000055.D
Acq: 17 Sep 2019 12:31

Instrument :
MSVOA_Y
ClientSampleId :

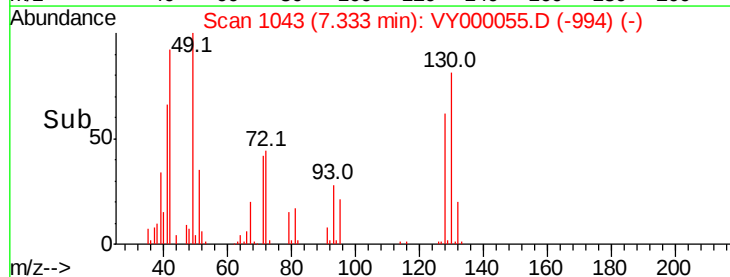
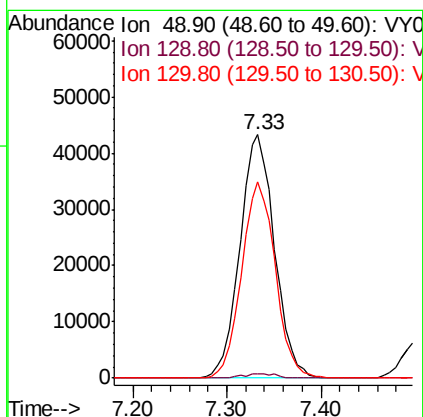
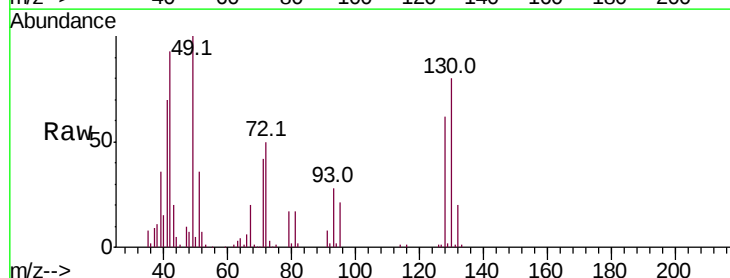
Tot Ion	Ratio	Lower	Upper
96	100		
61	129.8	0.0	263.0
98	63.5	0.0	130.2

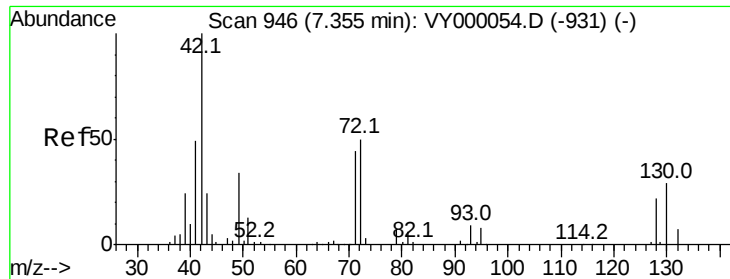


#28

Bromochloromethane
Concen: 101.099 ug/l
RT: 7.33 min Scan# 1043
Delta R.T. -0.00 min
Lab File: VY000055.D
Acq: 17 Sep 2019 12:31

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	4.8
130	78.5	66.2	99.4





#29

Tetrahydrofuran

Concen: 468.821 ug/l

RT: 7.34 min Scan# 1045

Delta R.T. -0.01 min

Lab File: VY000055.D

Acq: 17 Sep 2019 12:31

Instrument :
MSVOA_Y
ClientSampled :

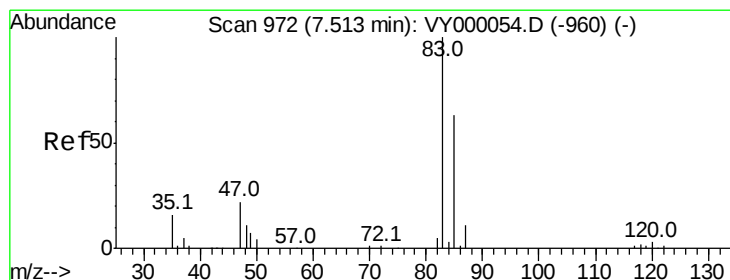
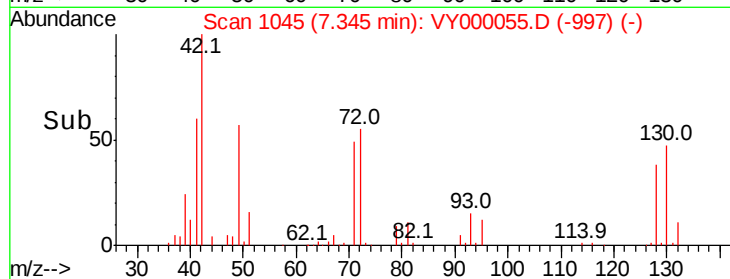
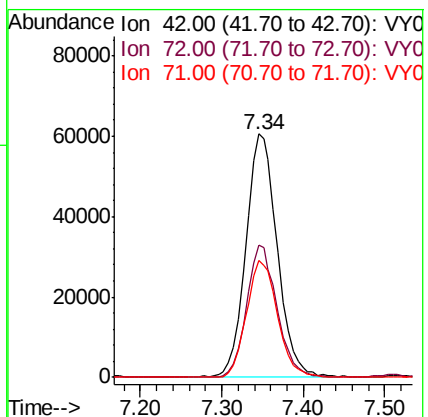
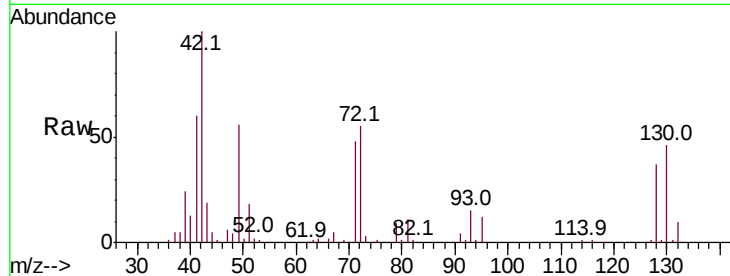
Tot Ion: 42 Resp: 162273

Ion Ratio Lower Upper

42 100

72 52.5 41.8 62.6

71 47.5 38.6 58.0



#30

Chloroform

Concen: 90.736 ug/l

RT: 7.50 min Scan# 1071

Delta R.T. -0.01 min

Lab File: VY000055.D

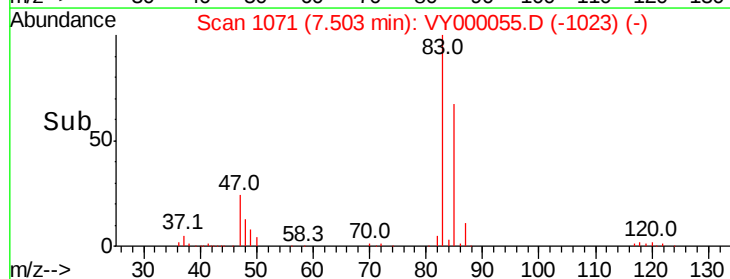
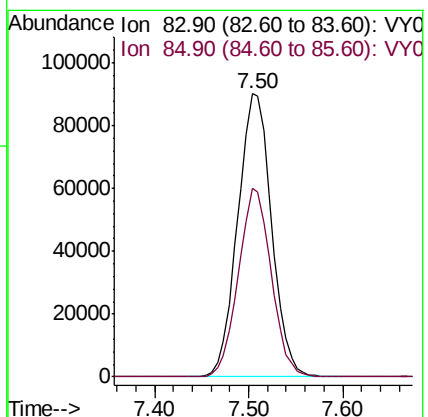
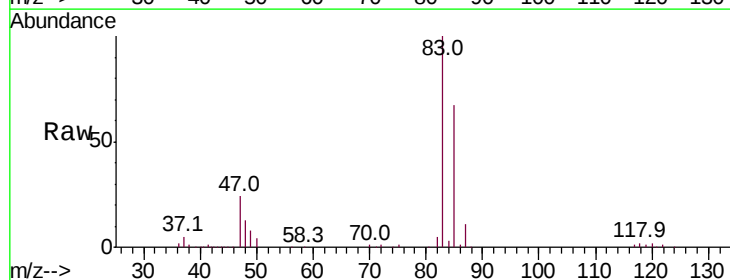
Acq: 17 Sep 2019 12:31

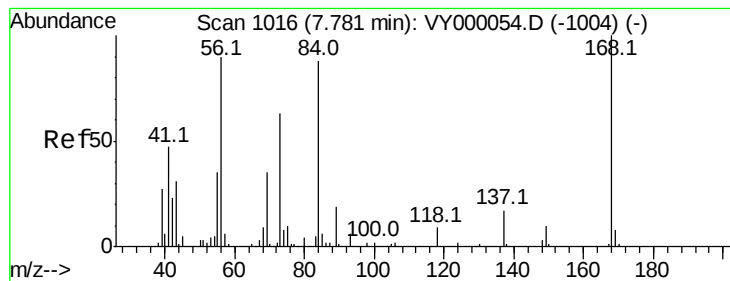
Tgt Ion: 83 Resp: 226774

Ion Ratio Lower Upper

83 100

85 66.8 50.6 76.0





#31

Cyclohexane

Concen: 76.375 ug/l

RT: 7.78 min Scan# 1116

Delta R.T. -0.00 min

Lab File: VY000055.D

Acq: 17 Sep 2019 12:31

Instrument :
MSVOA_Y
ClientSampled :

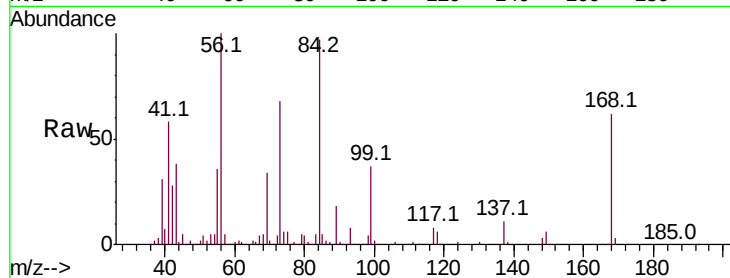
Tot Ion: 56 Resp: 157448

Ion Ratio Lower Upper

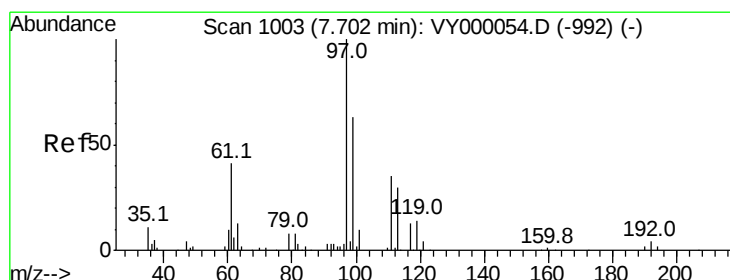
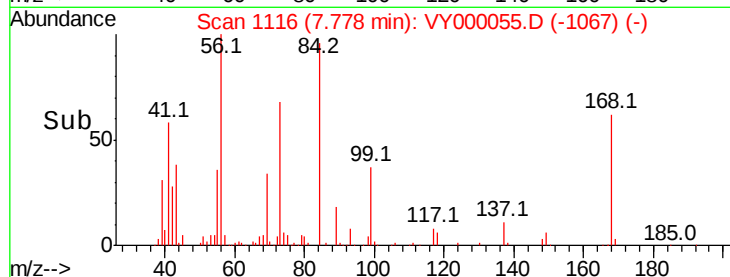
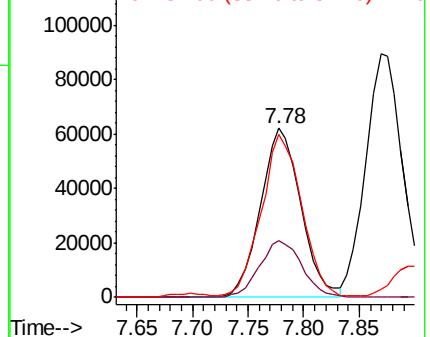
56 100

69 33.6 30.9 46.3

84 95.8 78.5 117.7



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: 92.357 ug/l

RT: 7.70 min Scan# 1103

Delta R.T. -0.00 min

Lab File: VY000055.D

Acq: 17 Sep 2019 12:31

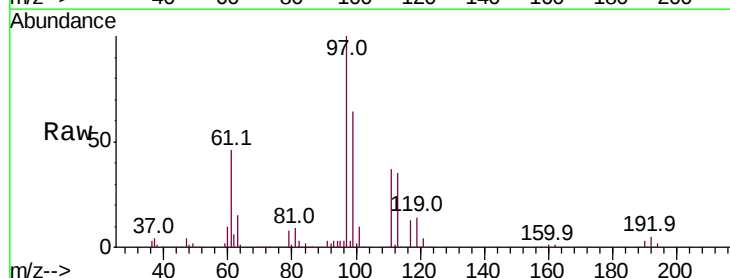
Tgt Ion: 97 Resp: 183640

Ion Ratio Lower Upper

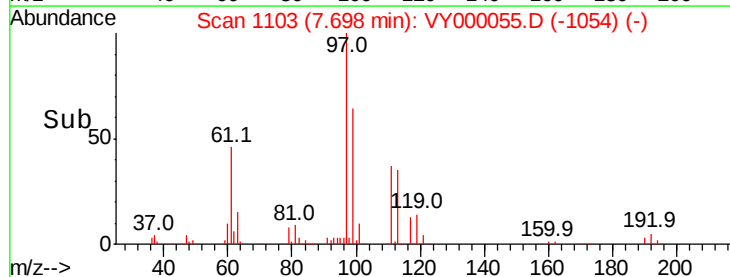
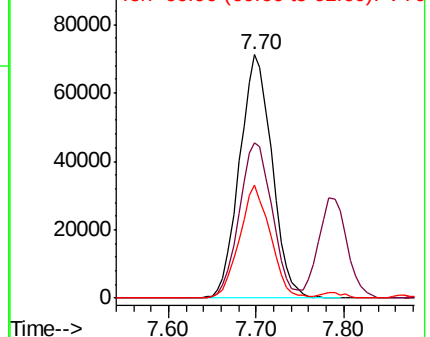
97 100

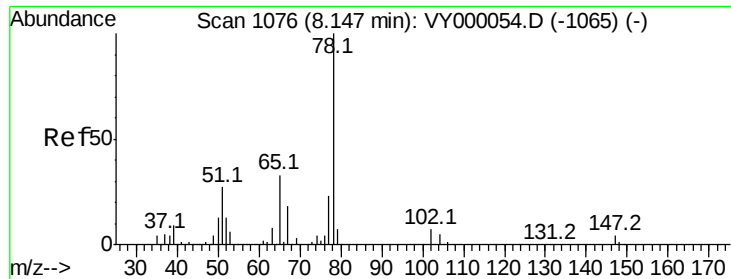
99 64.7 51.8 77.6

61 44.2 34.3 51.5



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

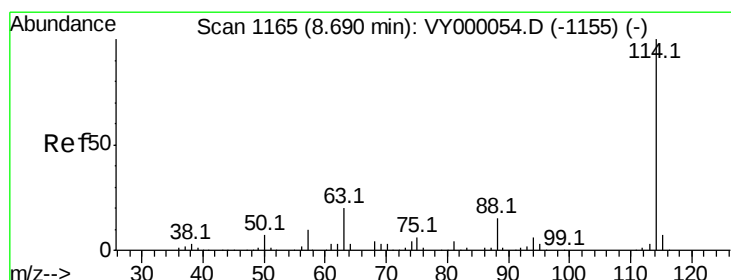
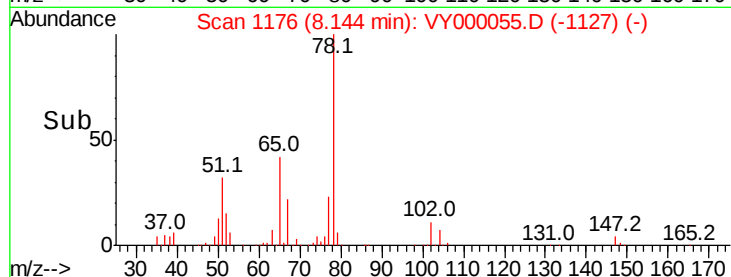
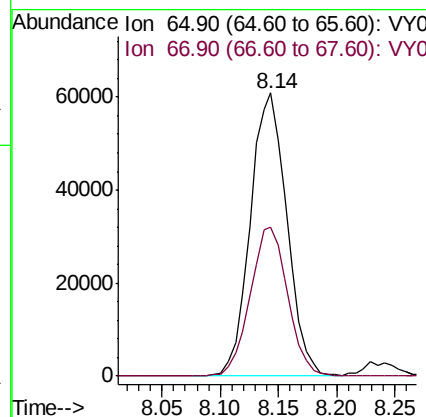
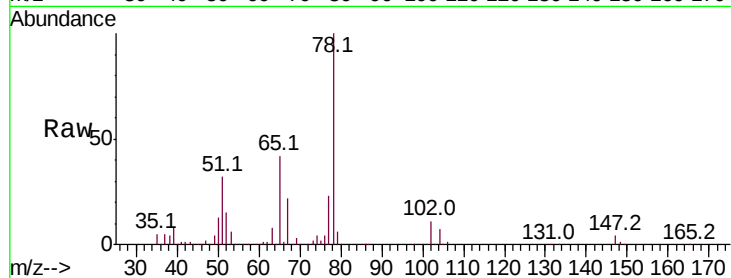




#33
 1,2-Dichloroethane-d4
 Concen: 94.275 ug/l
 RT: 8.14 min Scan# 1176
 Delta R.T. -0.00 min
 Lab File: VY000055.D
 Acq: 17 Sep 2019 12:31

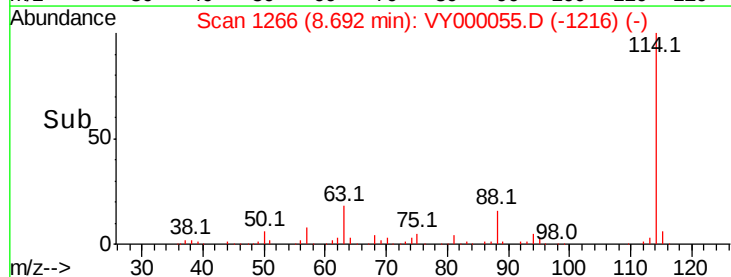
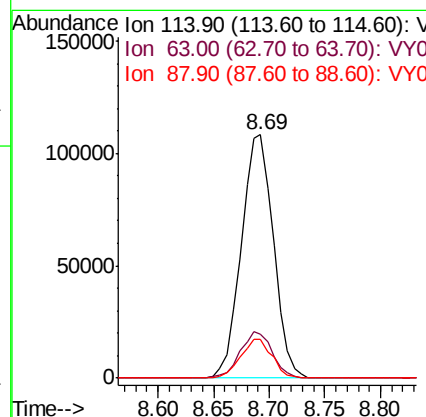
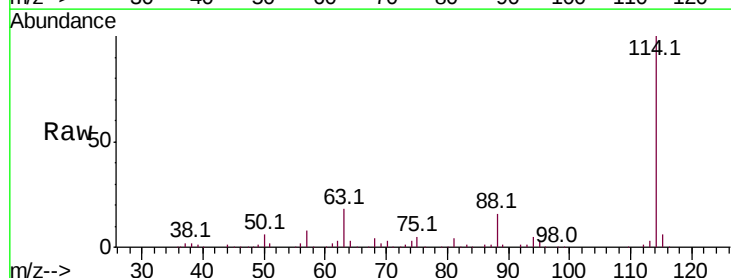
Instrument :
 MSVOA_Y
 ClientSampleId :

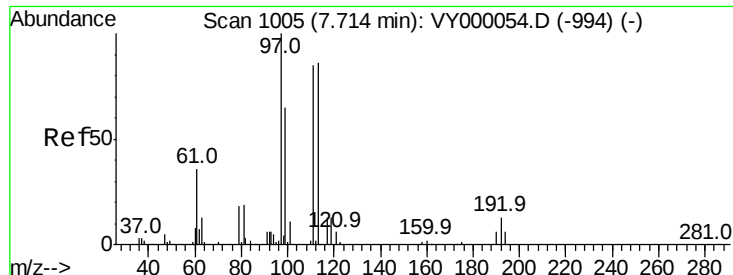
Tot Ion: 65 Resp: 133317
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1266
 Delta R.T. 0.00 min
 Lab File: VY000055.D
 Acq: 17 Sep 2019 12:31

Tgt Ion:114 Resp: 216665
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 39.4
 88 15.8 0.0 30.2

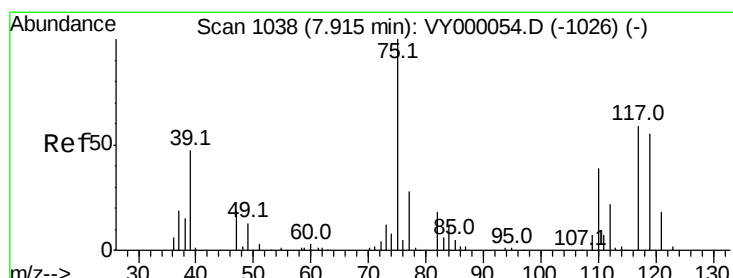
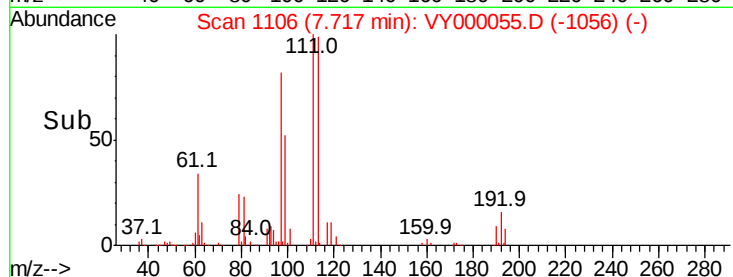
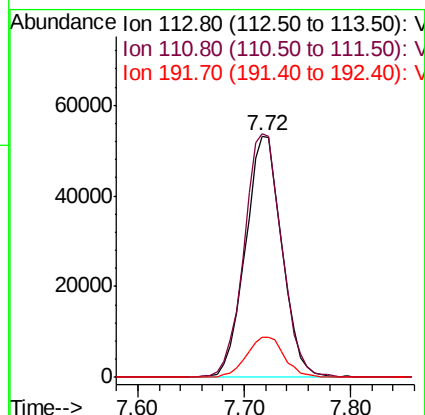
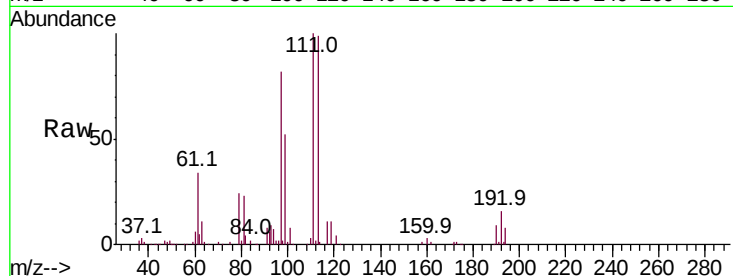




#35
Dibromofluoromethane
Concen: 91.941 ug/l
RT: 7.72 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VY000055.D
Acq: 17 Sep 2019 12:31

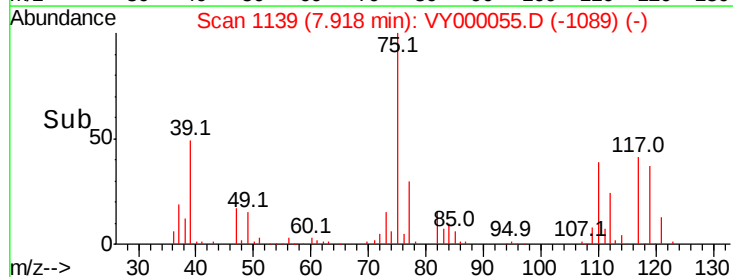
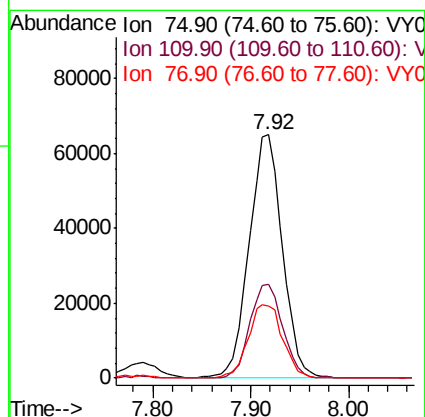
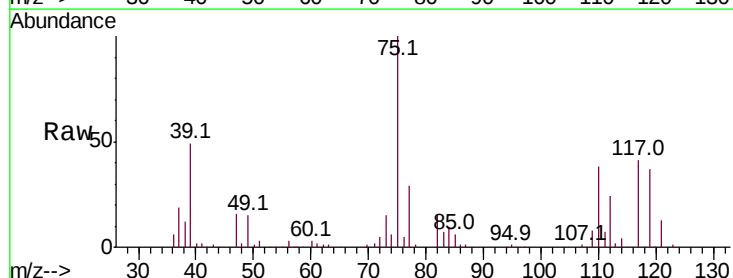
Instrument :
MSVOA_Y
ClientSampleId :

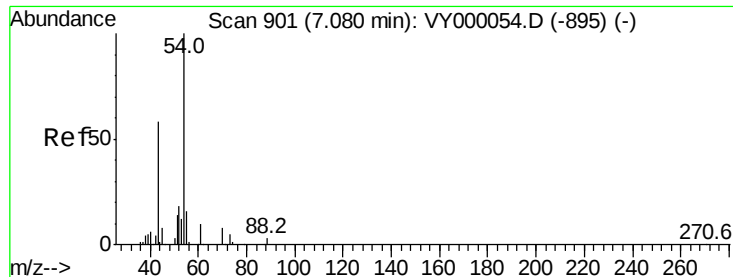
Tot Ion:113 Resp: 127609
Ion Ratio Lower Upper
113 100
111 104.2 81.7 122.5
192 17.2 13.4 20.2



#36
1,1-Dichloropropene
Concen: 89.620 ug/l
RT: 7.92 min Scan# 1139
Delta R.T. 0.00 min
Lab File: VY000055.D
Acq: 17 Sep 2019 12:31

Tgt Ion: 75 Resp: 152611
Ion Ratio Lower Upper
75 100
110 38.3 19.6 58.7
77 31.4 24.3 36.5

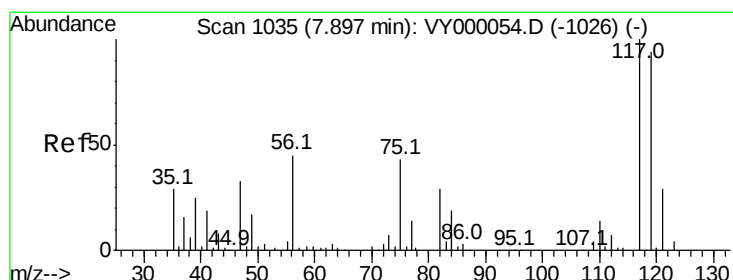
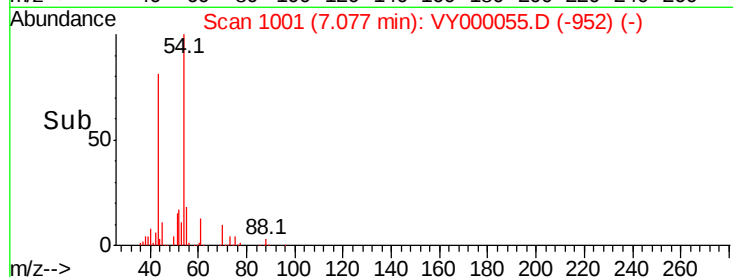
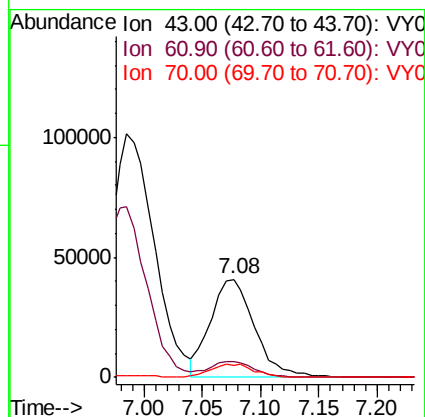
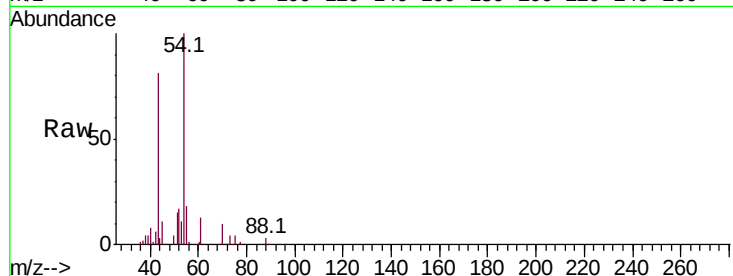




#37
Ethyl Acetate
Concen: 97.599 ug/l
RT: 7.08 min Scan# 1001
Delta R.T. -0.00 min
Lab File: VY000055.D
Acq: 17 Sep 2019 12:31

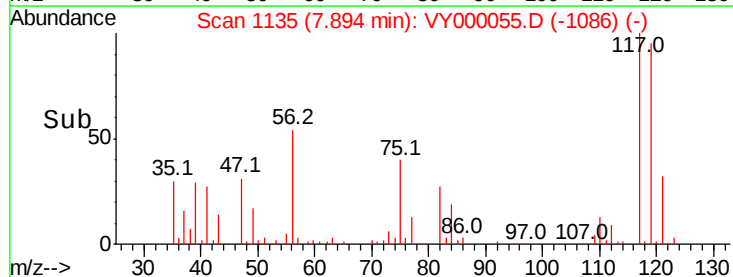
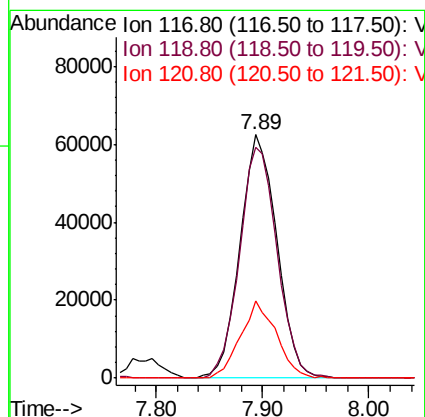
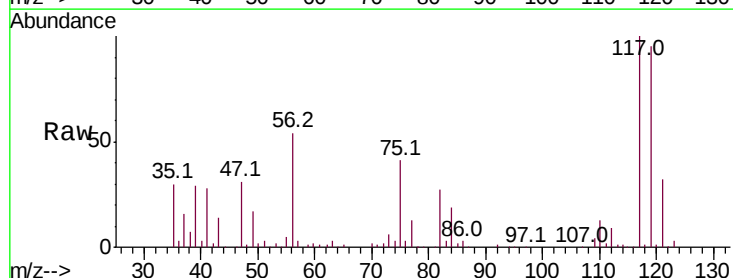
Instrument :
MSVOA_Y
ClientSampled :

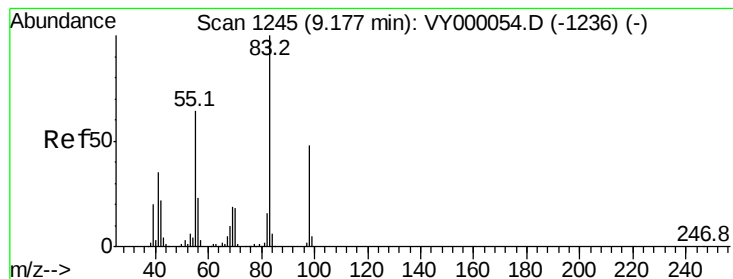
Tot Ion: 43 Resp: 106065
Ion Ratio Lower Upper
43 100
61 17.1 14.1 21.1
70 13.8 10.6 15.8



#38
Carbon Tetrachloride
Concen: 97.542 ug/l
RT: 7.89 min Scan# 1135
Delta R.T. -0.00 min
Lab File: VY000055.D
Acq: 17 Sep 2019 12:31

Tgt Ion: 117 Resp: 152316
Ion Ratio Lower Upper
117 100
119 94.6 75.0 112.6
121 31.8 22.8 34.2





#39

Methvlcvclohexane

Concen: 90.174 ug/l

RT: 9.18 min Scan# 1346

Delta R.T. 0.00 min

Lab File: VY000055.D

Acq: 17 Sep 2019 12:31

Instrument :

MSVOA_Y

ClientSampleId :

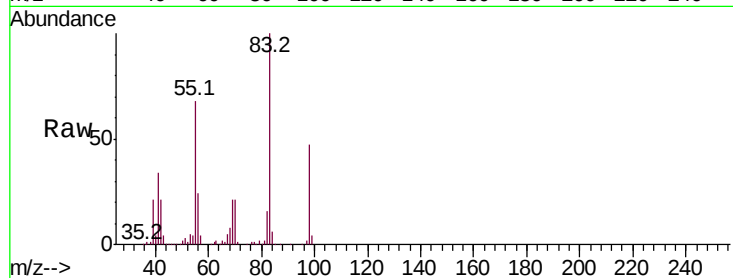
Tot Ion: 83 Resp: 186518

Ion Ratio Lower Upper

83 100

55 68.1 51.0 76.6

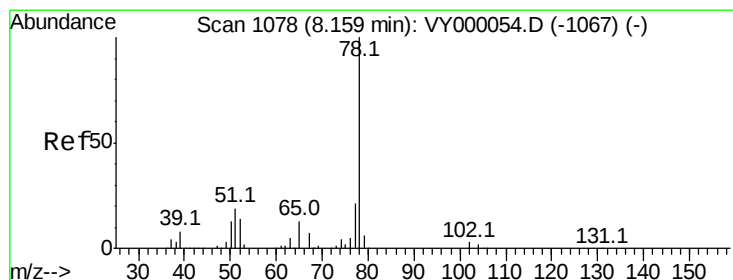
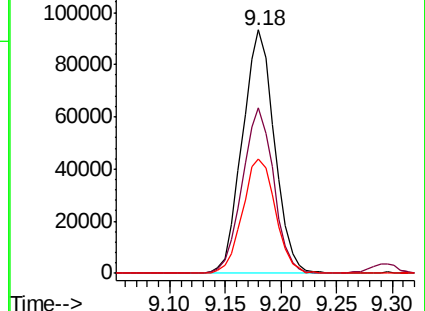
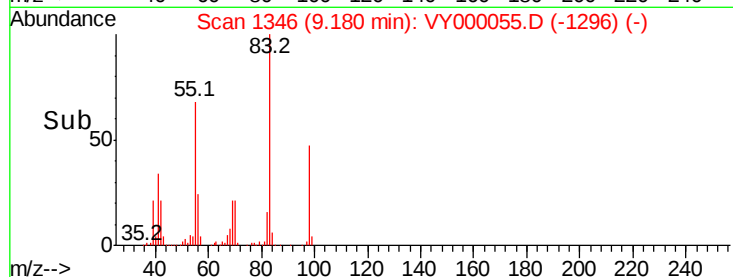
98 47.2 38.5 57.7



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: 95.493 ug/l

RT: 8.16 min Scan# 1178

Delta R.T. -0.00 min

Lab File: VY000055.D

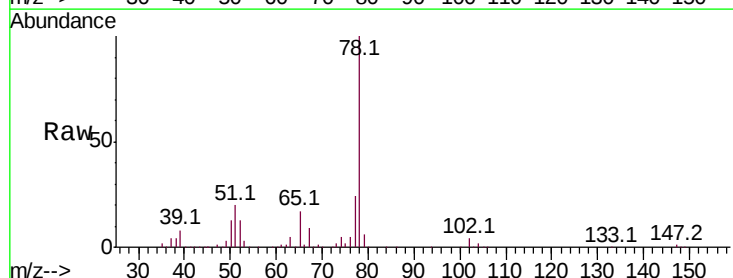
Acq: 17 Sep 2019 12:31

Tgt Ion: 78 Resp: 524079

Ion Ratio Lower Upper

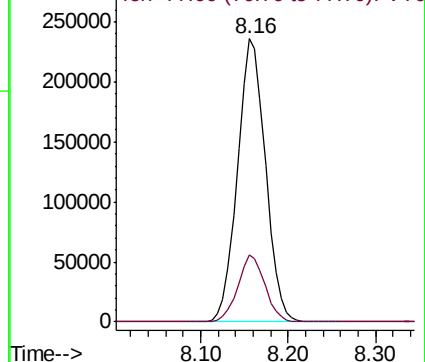
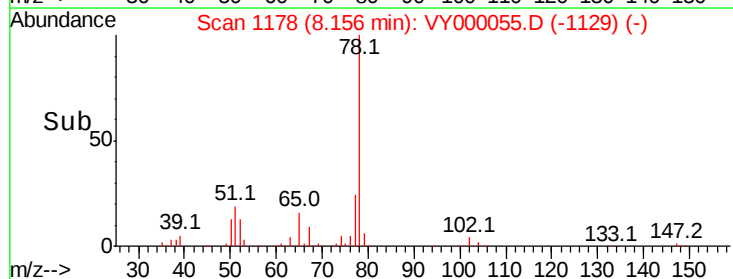
78 100

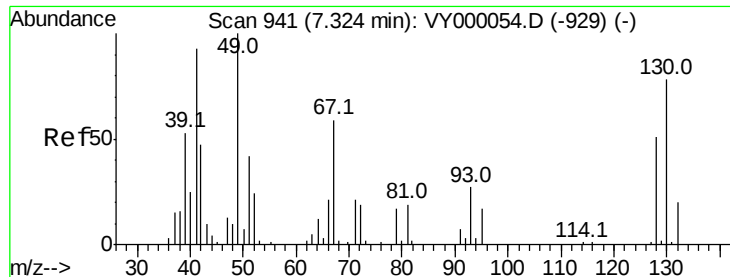
77 23.6 16.8 25.2



Abundance Ion 78.00 (77.70 to 78.70): VY0

Ion 77.00 (76.70 to 77.70): VY0

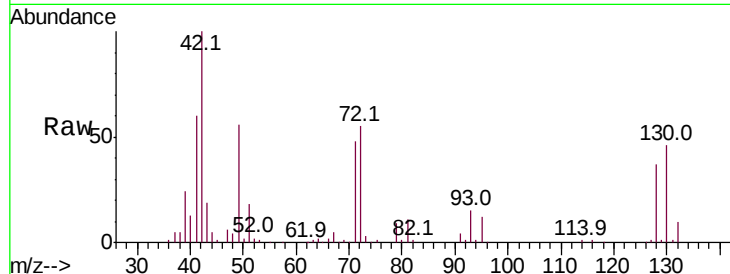




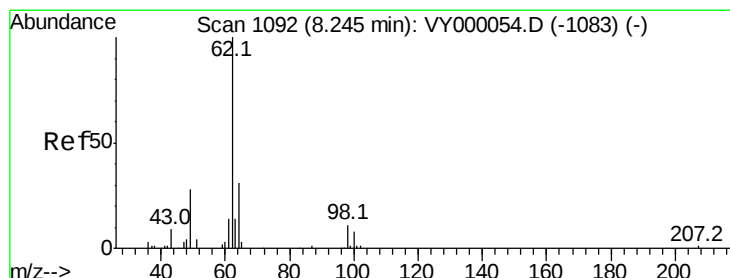
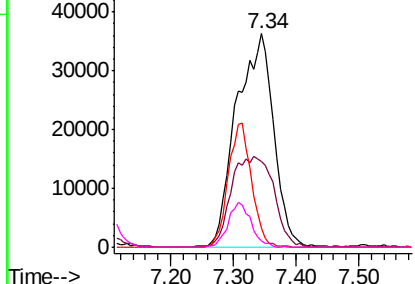
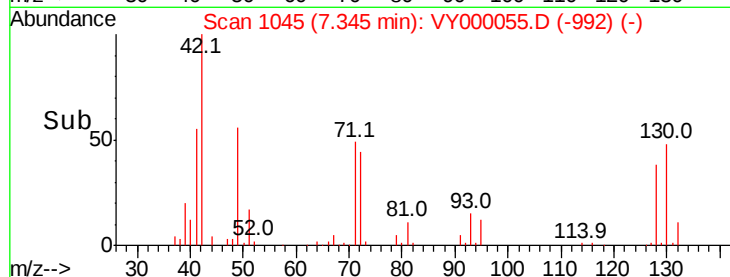
#41
Methacrylonitrile
Concen: 249.303 ug/l
RT: 7.34 min Scan# 1045
Delta R.T. 0.02 min
Lab File: VY000055.D
Acq: 17 Sep 2019 12:31

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 41 Resp: 148739
Ion Ratio Lower Upper
41 100
39 48.3 91.8 137.6#
67 0.0 0.0 0.0
52 0.0 0.0 0.0

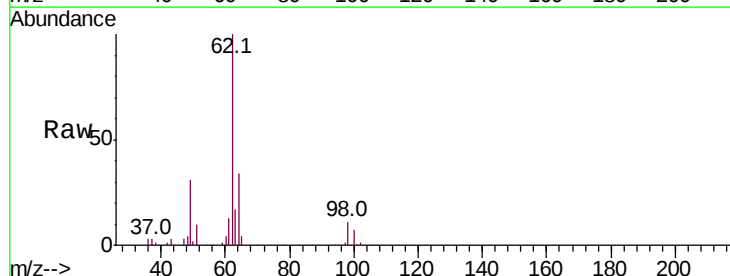


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

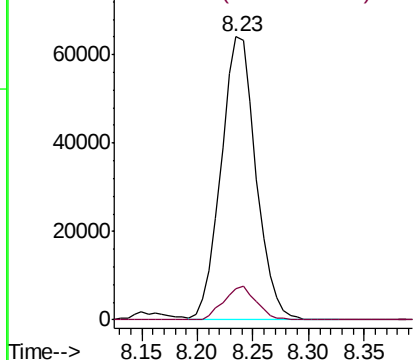
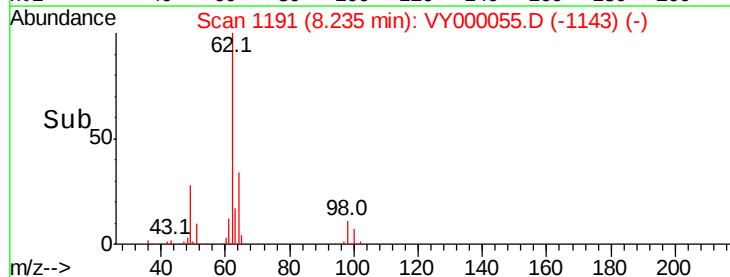


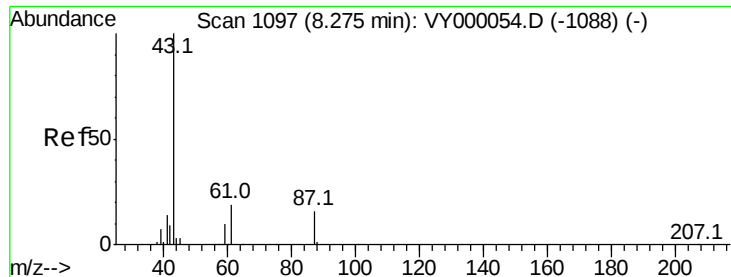
#42
1,2-Dichloroethane
Concen: 98.476 ug/l
RT: 8.23 min Scan# 1191
Delta R.T. -0.01 min
Lab File: VY000055.D
Acq: 17 Sep 2019 12:31

Tgt Ion: 62 Resp: 139211
Ion Ratio Lower Upper
62 100
98 11.1 0.0 23.6



Abundance Ion 61.90 (61.60 to 62.60): VY0
Ion 97.90 (97.60 to 98.60): VY0





#43

Isopropyl Acetate

Concen: 99.407 ug/l

RT: 8.28 min Scan# 1198

Delta R.T. 0.00 min

Lab File: VY000055.D

Acq: 17 Sep 2019 12:31

Instrument :

MSVOA_Y

ClientSampled :

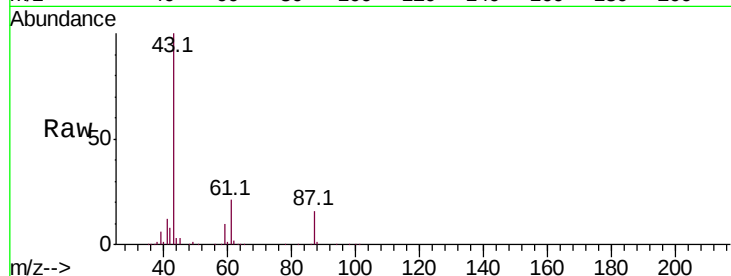
Tot Ion: 43 Resp: 210925

Ion Ratio Lower Upper

43 100

61 30.6 25.0 37.6

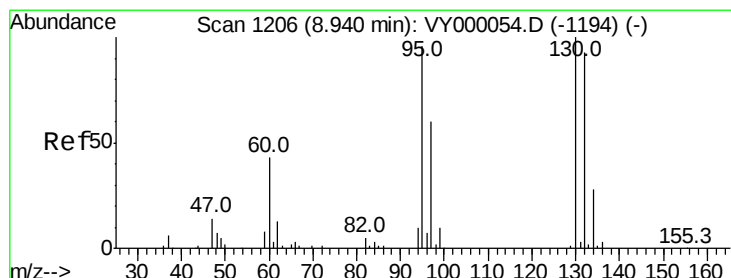
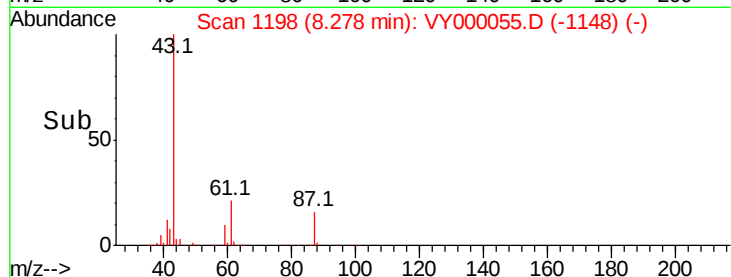
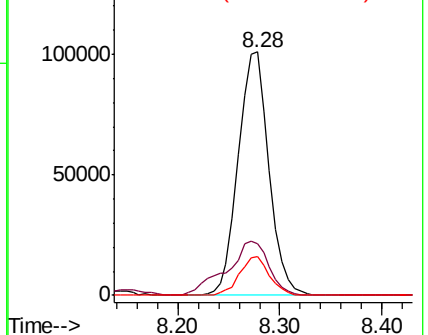
87 15.5 12.4 18.6



Abundance Ion 43.00 (42.70 to 43.70): VY000054.D (-1088) (-)

Ion 61.00 (60.70 to 61.70): VY000054.D (-1088) (-)

Ion 87.00 (86.70 to 87.70): VY000054.D (-1088) (-)



#44

Trichloroethene

Concen: 94.348 ug/l

RT: 8.94 min Scan# 1306

Delta R.T. -0.00 min

Lab File: VY000055.D

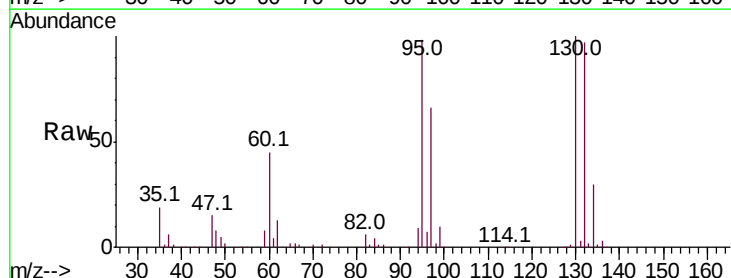
Acq: 17 Sep 2019 12:31

Tgt Ion:130 Resp: 131512

Ion Ratio Lower Upper

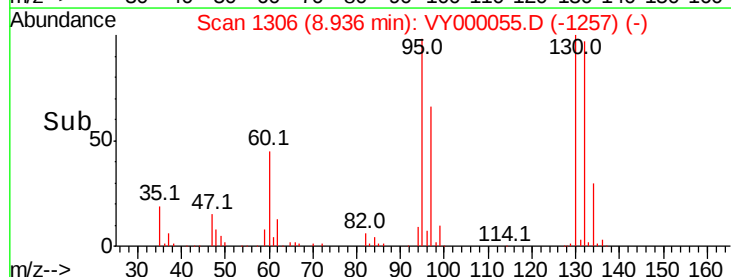
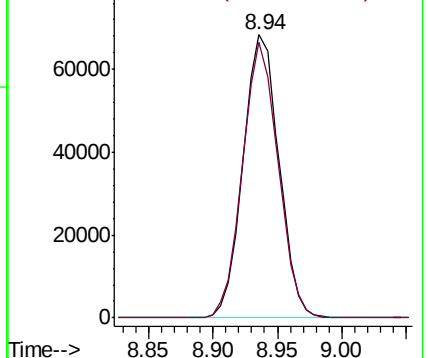
130 100

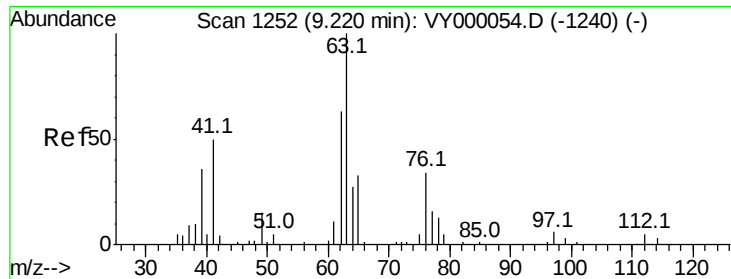
95 97.6 0.0 192.0



Abundance Ion 129.80 (129.50 to 130.50): VY000054.D (-1194) (-)

Ion 94.90 (94.60 to 95.60): VY000054.D (-1194) (-)





#45

1,2-Dichloropropane

Concen: 95.905 ug/l

RT: 9.22 min Scan# 1352

Delta R.T. -0.00 min

Lab File: VY000055.D

Acq: 17 Sep 2019 12:31

Instrument :

MSVOA_Y

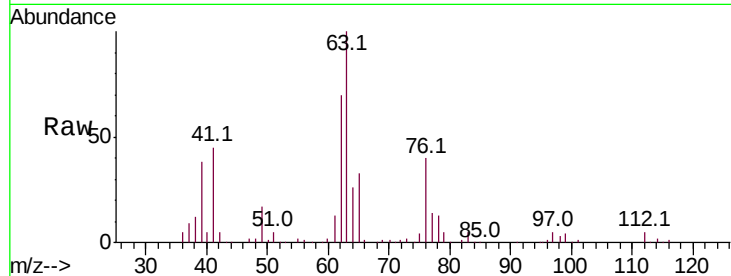
ClientSampleId :

Tot Ion: 63 Resp: 136287

Ion Ratio Lower Upper

63 100

65 32.8 26.2 39.4



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 64.90 (64.60 to 65.60): VY0

80000

60000

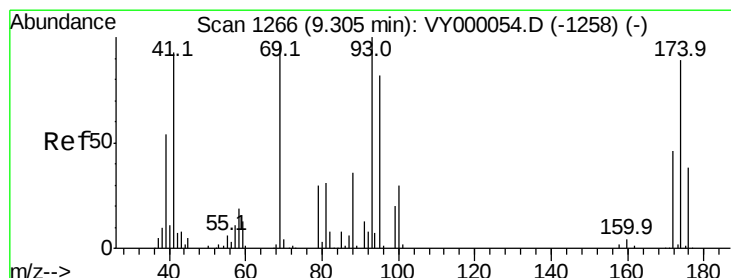
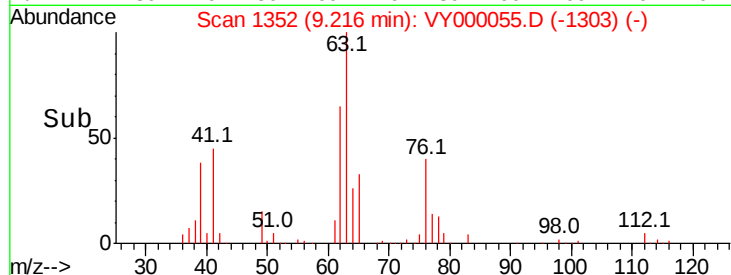
40000

20000

0

9.10 9.20 9.30

Time-->



#46

Dibromomethane

Concen: 97.408 ug/l

RT: 9.30 min Scan# 1366

Delta R.T. -0.00 min

Lab File: VY000055.D

Acq: 17 Sep 2019 12:31

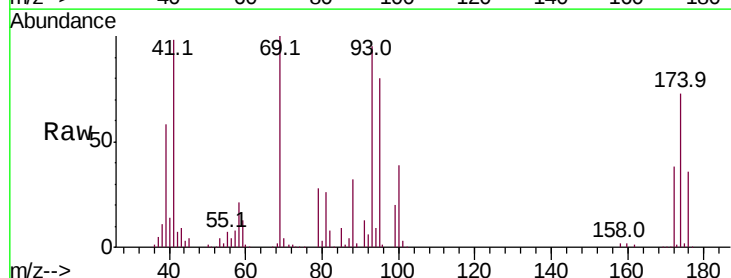
Tgt Ion: 93 Resp: 75033

Ion Ratio Lower Upper

93 100

95 83.7 68.1 102.1

174 85.2 67.8 101.6



Abundance Ion 92.80 (92.50 to 93.50): VY0

Ion 94.80 (94.50 to 95.50): VY0

Ion 173.70 (173.40 to 174.40): V

50000

40000

30000

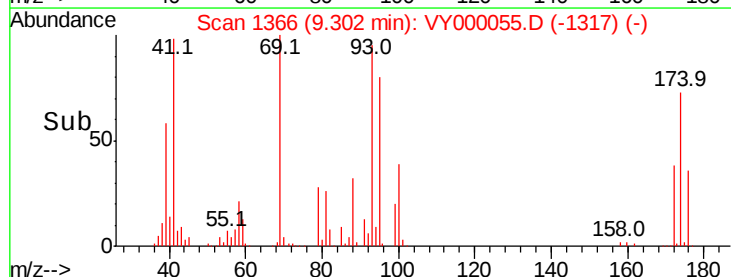
20000

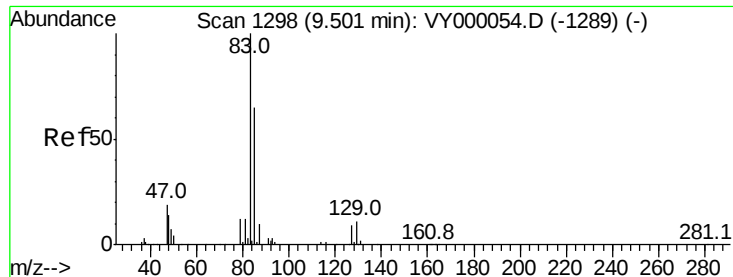
10000

0

9.20 9.25 9.30 9.35 9.40

Time-->





#47

Bromodichloromethane

Concen: 95.862 ug/l

RT: 9.50 min Scan# 1398

Delta R.T. -0.00 min

Lab File: VY000055.D

Acq: 17 Sep 2019 12:31

Instrument :

MSVOA_Y

ClientSampled :

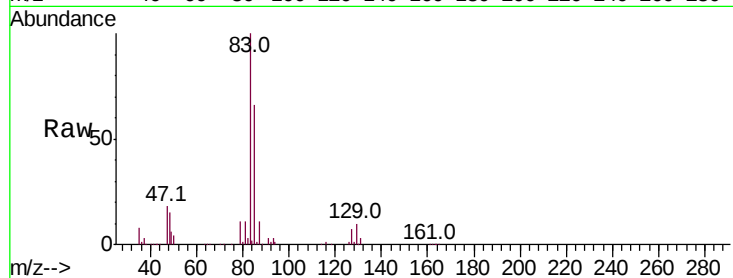
Tot Ion: 83 Resp: 183107

Ion Ratio Lower Upper

83 100

85 66.1 52.3 78.5

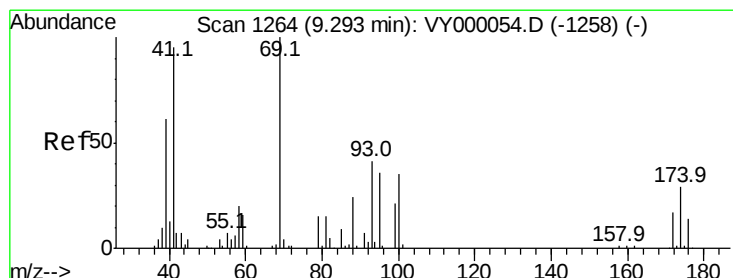
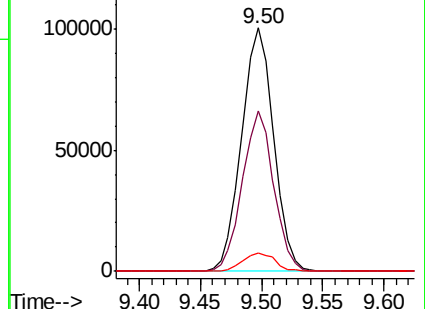
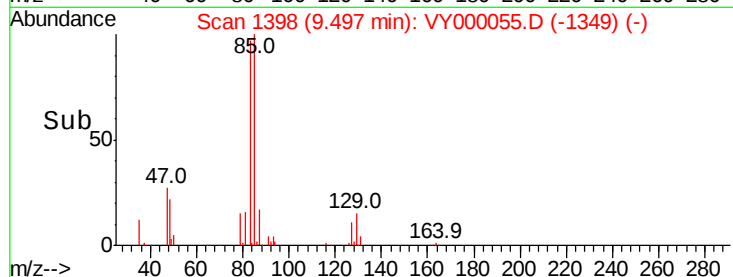
127 7.5 6.8 10.2



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: 95.668 ug/l

RT: 9.30 min Scan# 1365

Delta R.T. 0.00 min

Lab File: VY000055.D

Acq: 17 Sep 2019 12:31

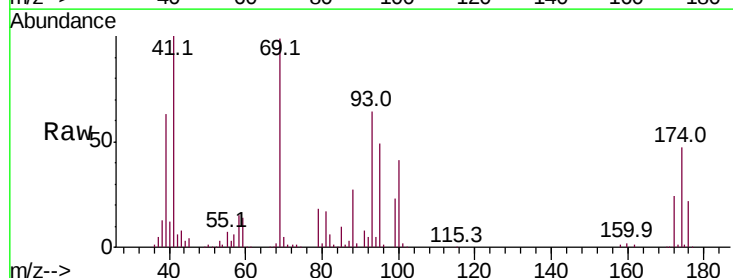
Tgt Ion: 41 Resp: 90491

Ion Ratio Lower Upper

41 100

69 103.9 78.1 117.1

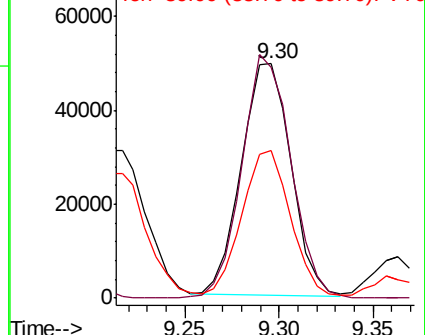
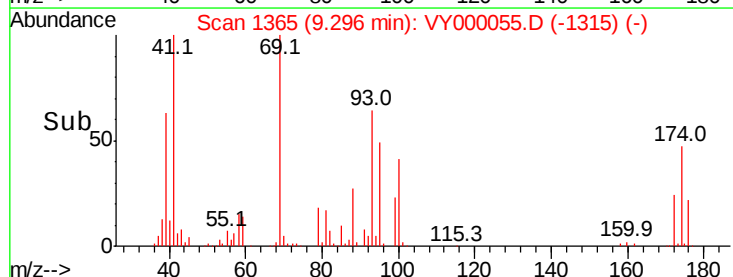
39 63.0 49.4 74.0

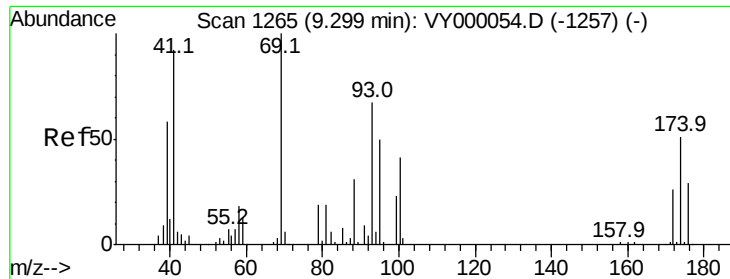


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 69.00 (68.70 to 69.70): VY0

Ion 39.00 (38.70 to 39.70): VY0





#49

1,4-Dioxane

Concen: 1977.373 ug/l

RT: 9.30 min Scan# 1365

Delta R.T. -0.00 min

Lab File: VY000055.D

Acq: 17 Sep 2019 12:31

Instrument :
MSVOA_Y
ClientSampled :

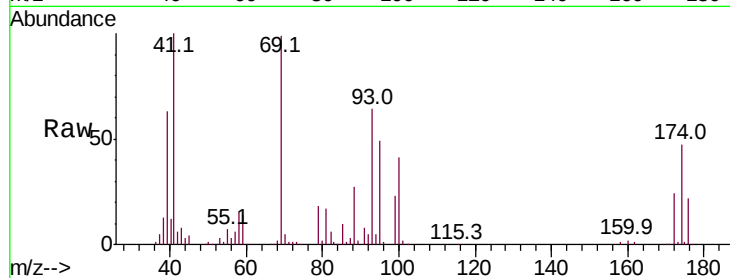
Tot Ion: 88 Resp: 29018

Ion Ratio Lower Upper

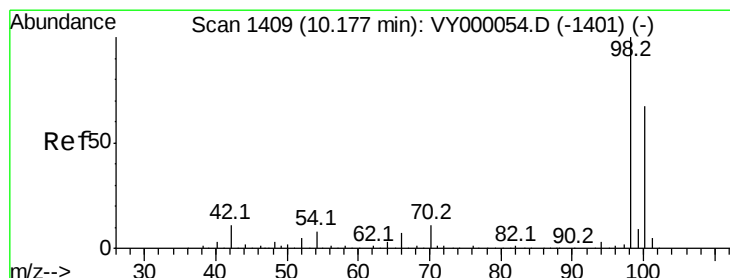
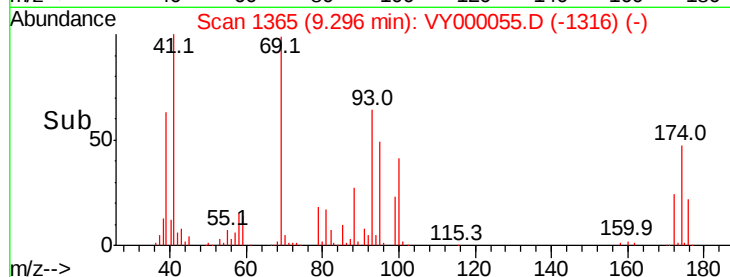
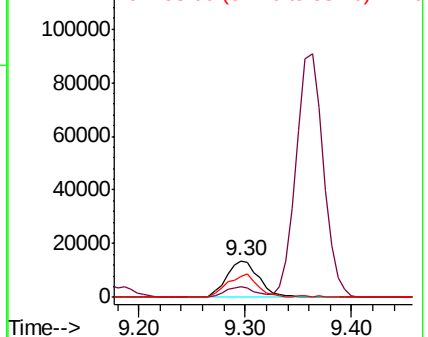
88 100

43 27.4 18.7 28.1

58 59.6 53.0 79.6



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: 100.270 ug/l

RT: 10.18 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VY000055.D

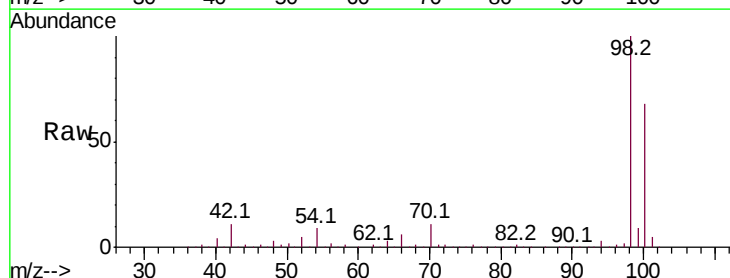
Acq: 17 Sep 2019 12:31

Tgt Ion: 98 Resp: 535481

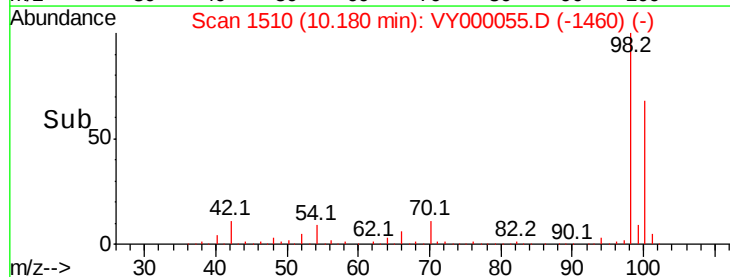
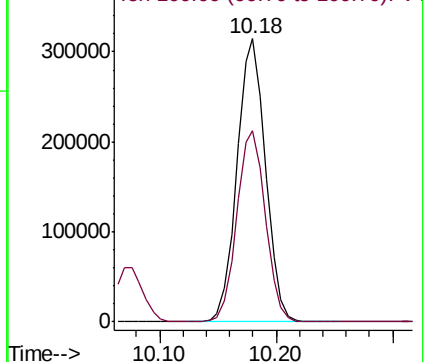
Ion Ratio Lower Upper

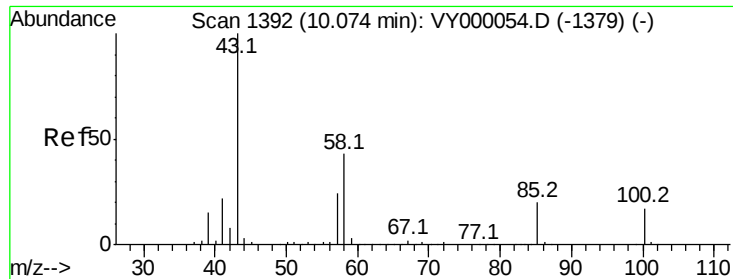
98 100

100 68.0 53.1 79.7



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: 499.170 ug/l

RT: 10.07 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VY000055.D

Acq: 17 Sep 2019 12:31

Instrument :

MSVOA_Y

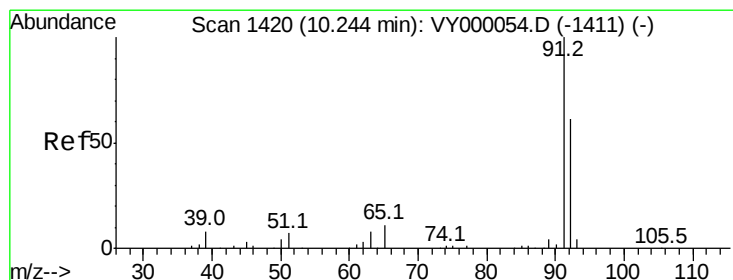
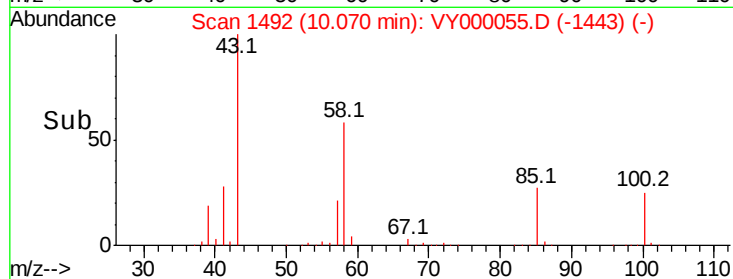
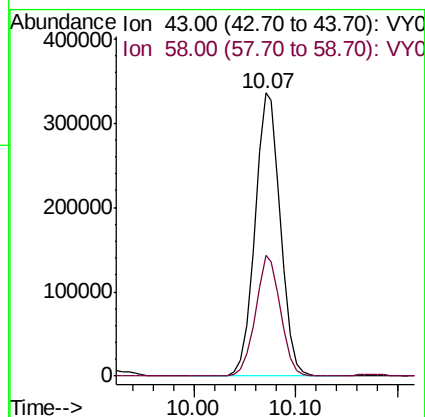
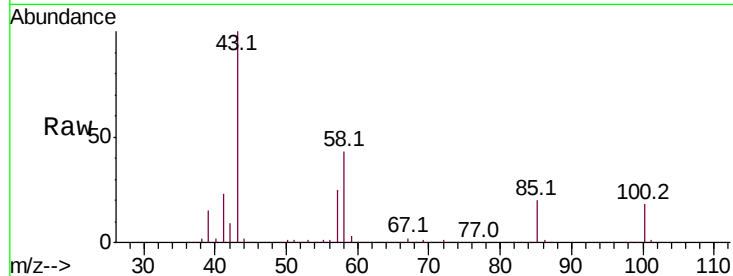
ClientSampled :

Tot Ion: 43 Resp: 581176

Ion Ratio Lower Upper

43 100

58 41.8 34.2 51.2



#52

Toluene

Concen: 96.845 ug/l

RT: 10.24 min Scan# 1520

Delta R.T. -0.00 min

Lab File: VY000055.D

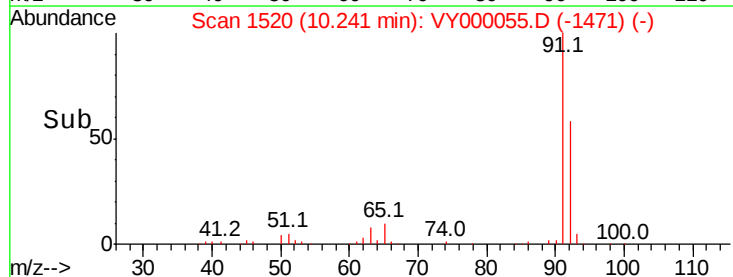
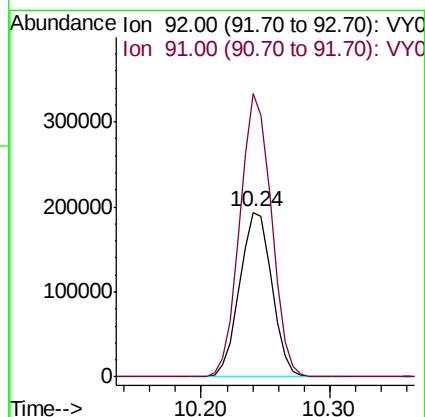
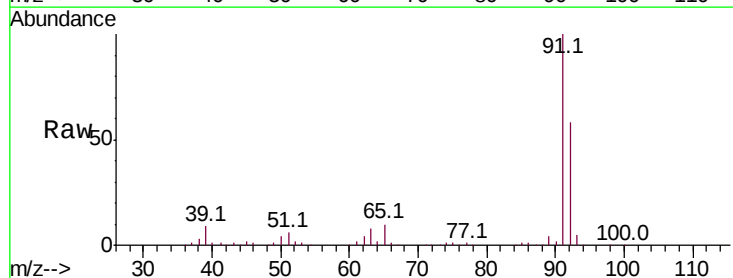
Acq: 17 Sep 2019 12:31

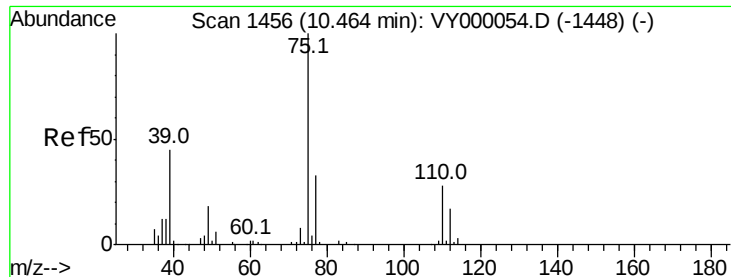
Tgt Ion: 92 Resp: 333640

Ion Ratio Lower Upper

92 100

91 169.3 135.8 203.6





#53

t-1,3-Dichloropropene

Concen: 98.814 ug/l

RT: 10.47 min Scan# 1557

Delta R.T. 0.00 min

Lab File: VY000055.D

Acq: 17 Sep 2019 12:31

Instrument :

MSVOA_Y

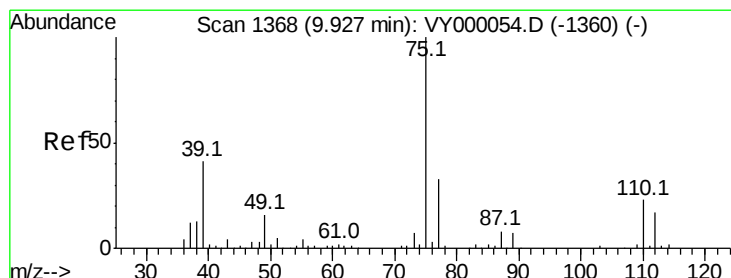
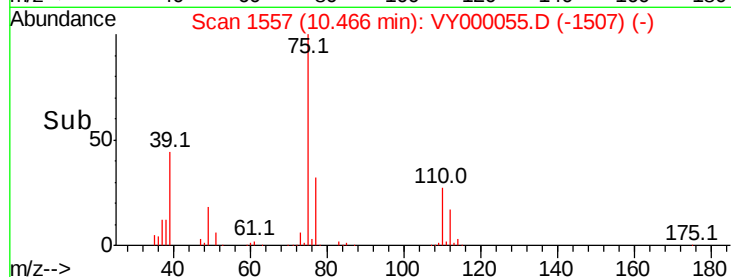
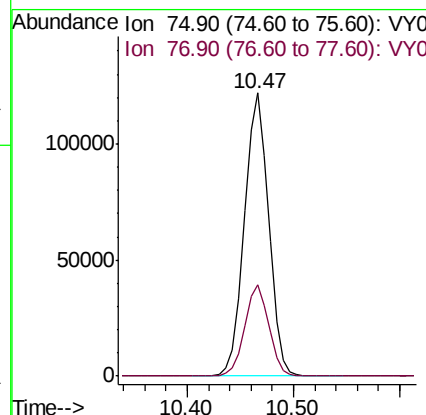
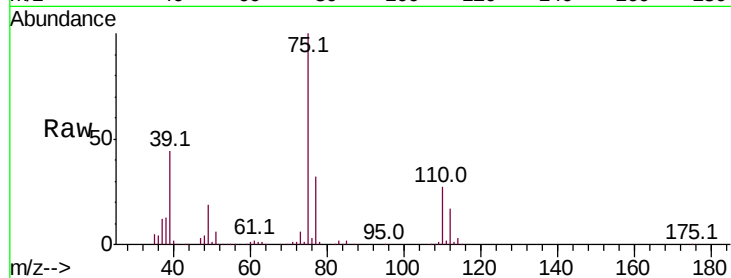
ClientSampleId :

Tot Ion: 75 Resp: 195802

Ion Ratio Lower Upper

75 100

77 32.3 26.2 39.2



#54

cis-1,3-Dichloropropene

Concen: 98.066 ug/l

RT: 9.92 min Scan# 1468

Delta R.T. -0.00 min

Lab File: VY000055.D

Acq: 17 Sep 2019 12:31

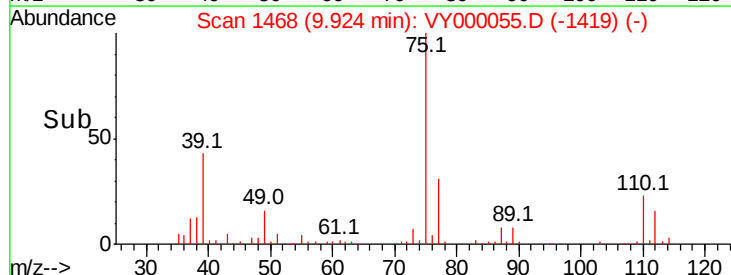
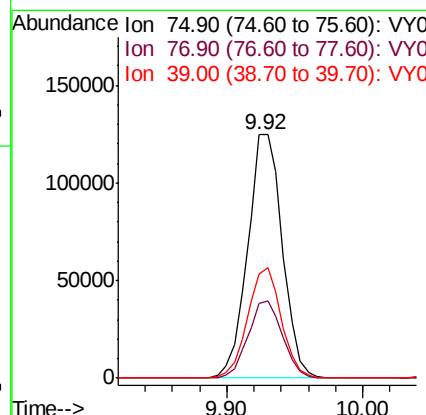
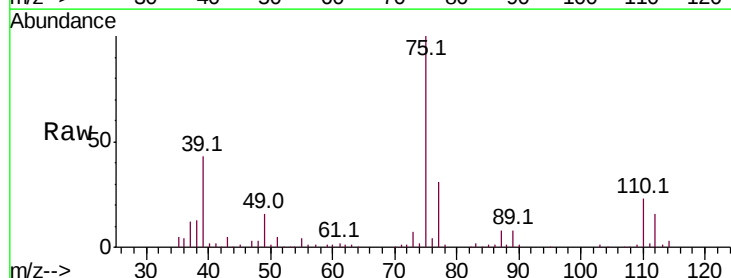
Tgt Ion: 75 Resp: 222801

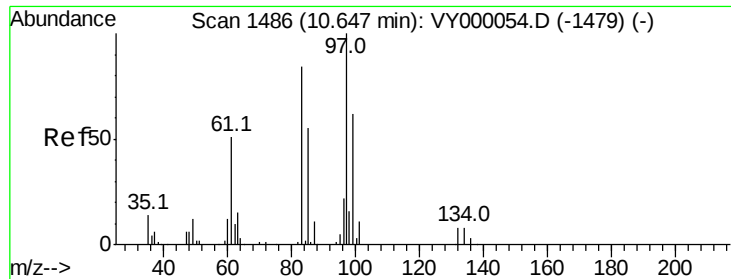
Ion Ratio Lower Upper

75 100

77 30.8 26.1 39.1

39 42.7 33.1 49.7





#55

1,1,2-Trichloroethane

Concen: 101.249 ug/l

RT: 10.64 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VY000055.D

Acq: 17 Sep 2019 12:31

Instrument :

MSVOA_Y

ClientSampled :

Tot Ion: 97 Resp: 121458

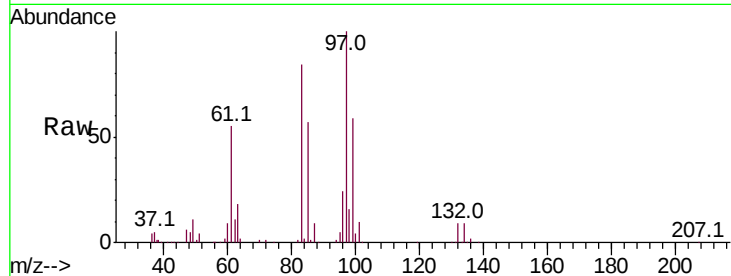
Ion Ratio Lower Upper

97 100

83 84.5 67.3 100.9

85 57.0 43.6 65.4

99 59.3 49.8 74.6

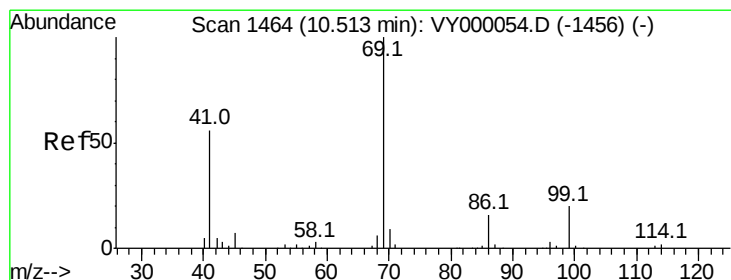
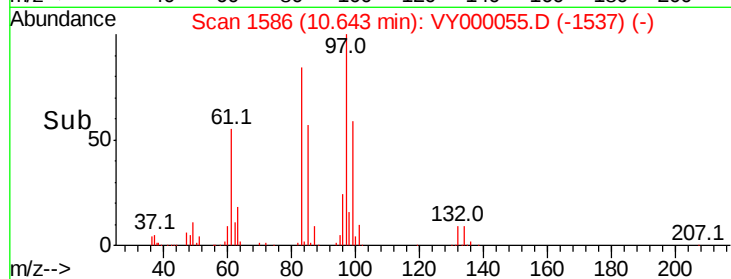
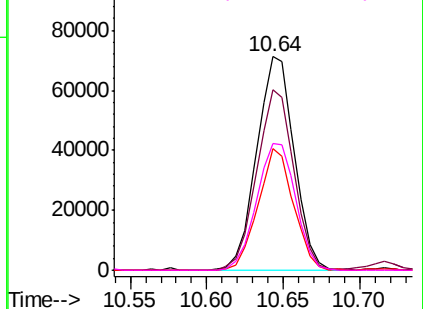


Abundance Ion 96.90 (96.60 to 97.60): VY0

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: 101.238 ug/l

RT: 10.51 min Scan# 1564

Delta R.T. -0.00 min

Lab File: VY000055.D

Acq: 17 Sep 2019 12:31

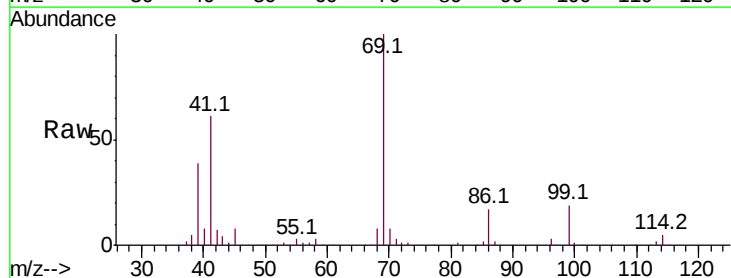
Tgt Ion: 69 Resp: 169675

Ion Ratio Lower Upper

69 100

41 57.2 45.6 68.4

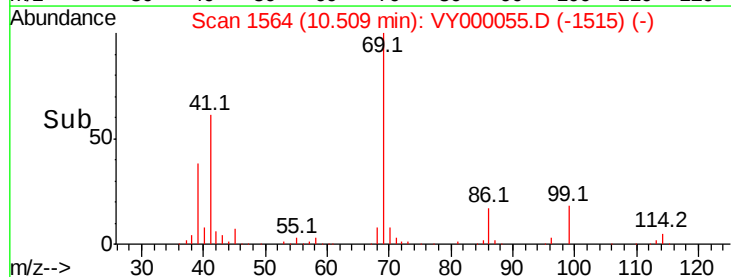
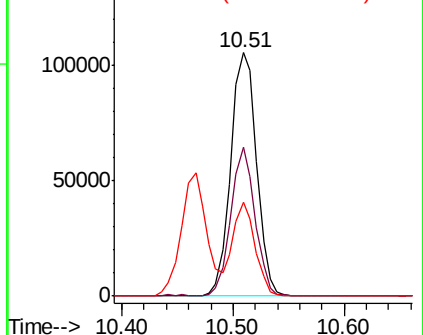
39 33.4 27.3 40.9

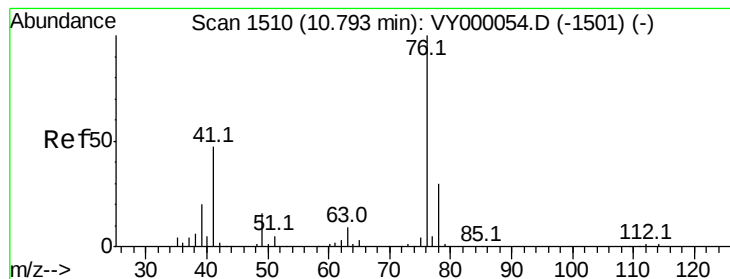


Abundance Ion 69.00 (68.70 to 69.70): VY0

Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0





#57

1,3-Dichloropropane

Concen: 95.935 ug/l

RT: 10.79 min Scan# 1610

Delta R.T. -0.00 min

Lab File: VY000055.D

Acq: 17 Sep 2019 12:31

Instrument :

MSVOA_Y

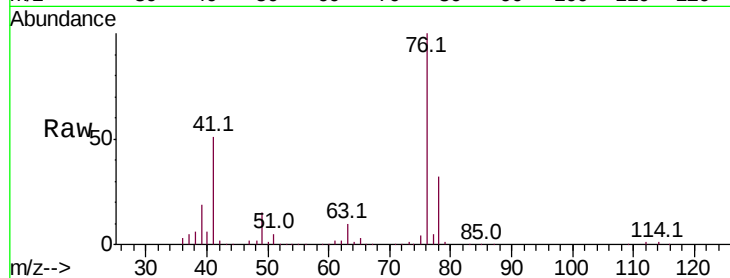
ClientSampled :

Tot Ion: 76 Resp: 195268

Ion Ratio Lower Upper

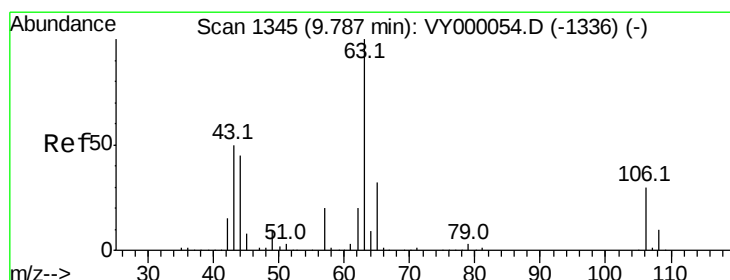
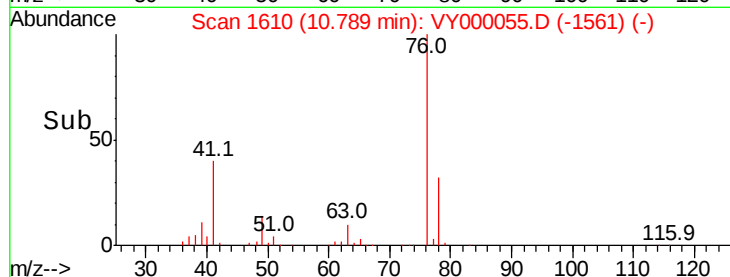
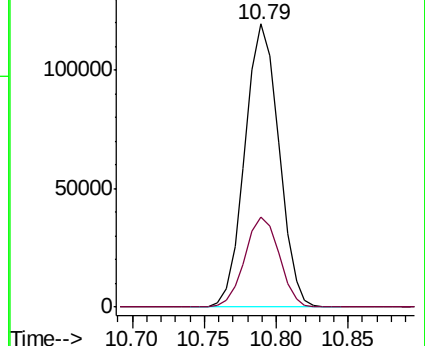
76 100

78 32.5 26.6 40.0



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#58

2-Chloroethyl Vinyl ether

Concen: 507.821 ug/l

RT: 9.78 min Scan# 1445

Delta R.T. -0.00 min

Lab File: VY000055.D

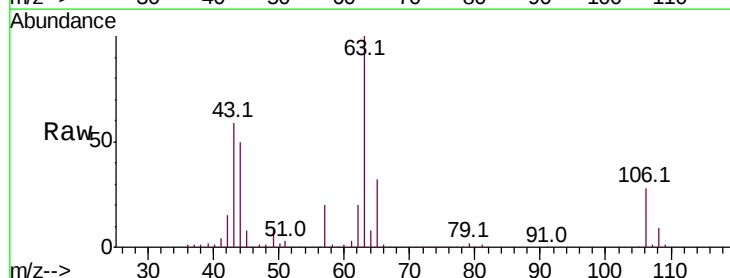
Acq: 17 Sep 2019 12:31

Tgt Ion: 63 Resp: 466989

Ion Ratio Lower Upper

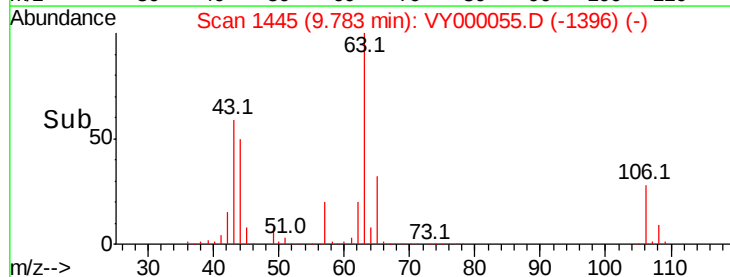
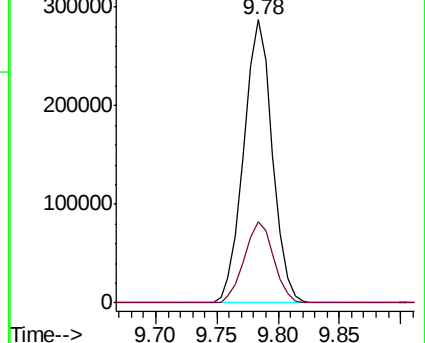
63 100

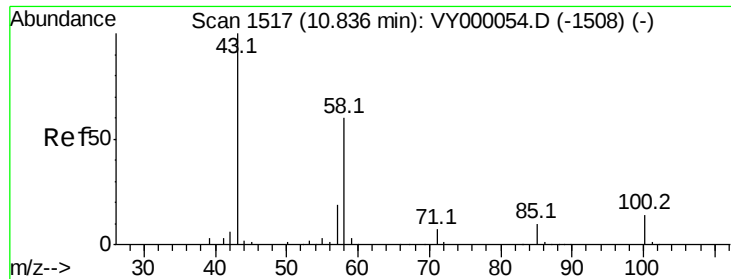
106 29.4 23.3 34.9



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V





#59

2-Hexanone

Concen: 501.470 ug/l

RT: 10.83 min Scan# 1617

Delta R.T. -0.00 min

Lab File: VY000055.D

Acq: 17 Sep 2019 12:31

Instrument :

MSVOA_Y

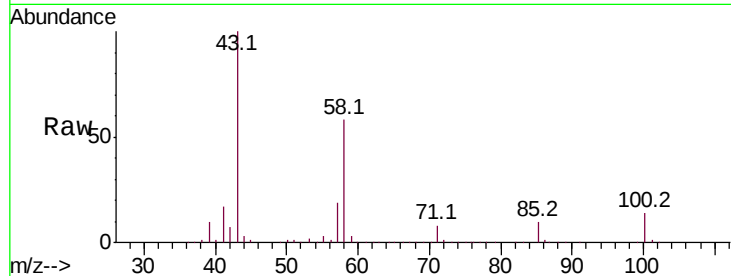
ClientSampleId :

Tot Ion: 43 Resp: 421524

Ion Ratio Lower Upper

43 100

58 58.7 29.9 89.7



Abundance Ion 43.00 (42.70 to 43.70): VY000054.D (-1508) (-)

Ion 58.00 (57.70 to 58.70): VY000054.D (-1508) (-)

10.83

250000

200000

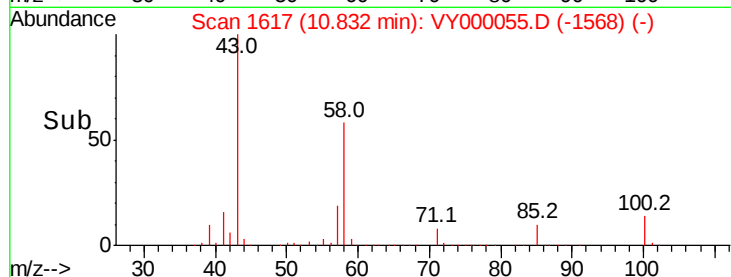
150000

100000

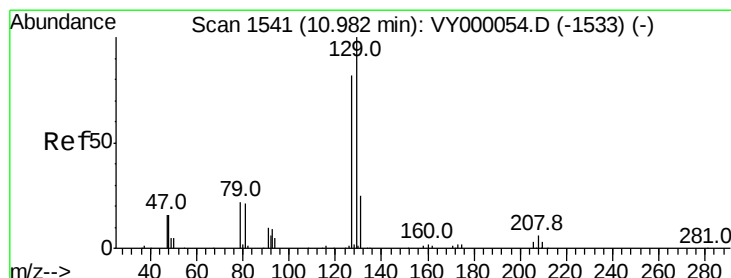
50000

0

Time-->



Time-->



#60

Dibromochloromethane

Concen: 100.365 ug/l

RT: 10.98 min Scan# 1642

Delta R.T. 0.00 min

Lab File: VY000055.D

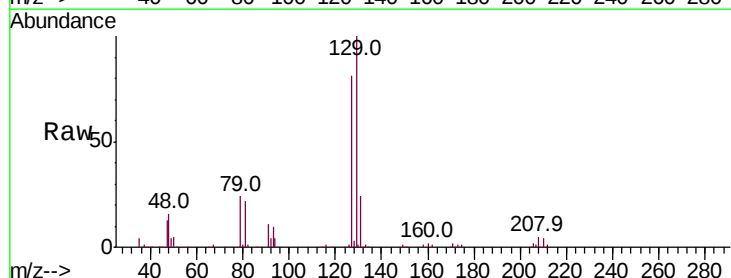
Acq: 17 Sep 2019 12:31

Tgt Ion: 129 Resp: 126593

Ion Ratio Lower Upper

129 100

127 79.6 40.2 120.6



Abundance Ion 128.80 (128.50 to 129.50): VY000054.D (-1533) (-)

Ion 126.80 (126.50 to 127.50): VY000054.D (-1533) (-)

10.98

80000

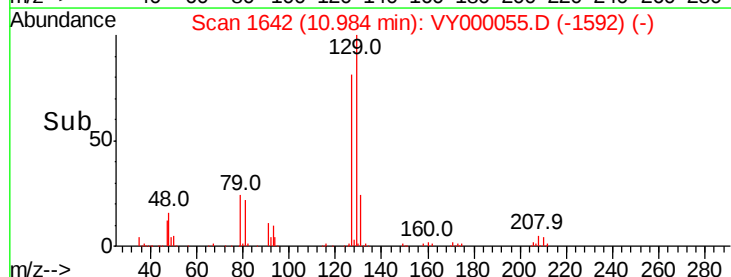
60000

40000

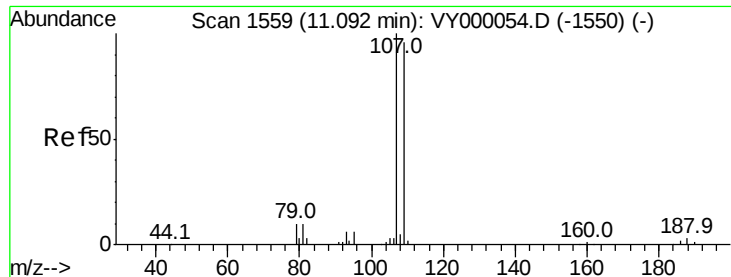
20000

0

Time-->



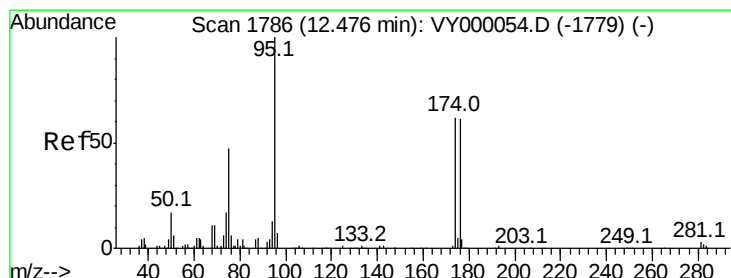
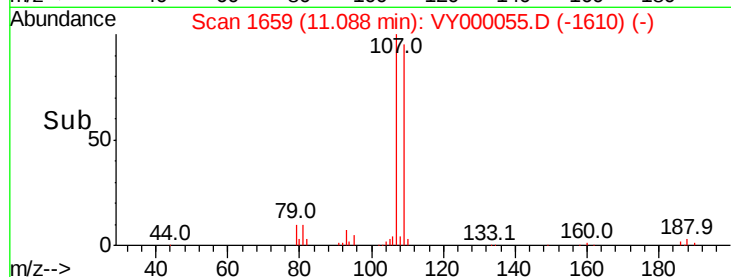
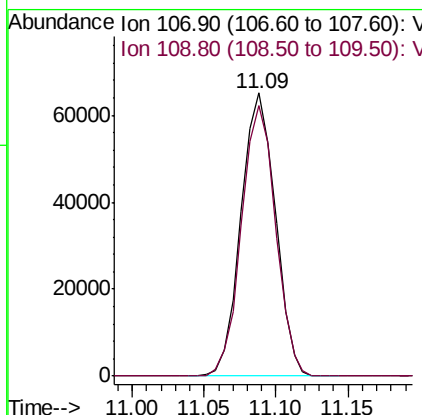
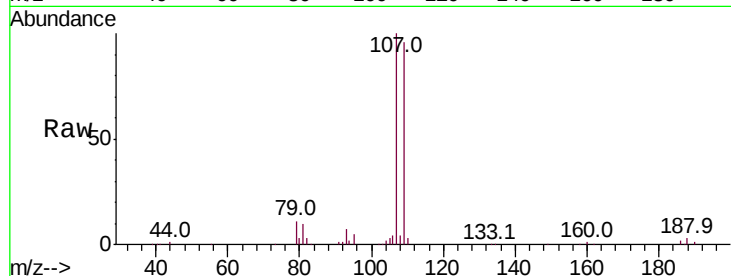
Time-->



#61
 1,2-Dibromoethane
 Concen: 96.284 ug/l
 RT: 11.09 min Scan# 1659
 Delta R.T. -0.00 min
 Lab File: VY000055.D
 Acq: 17 Sep 2019 12:31

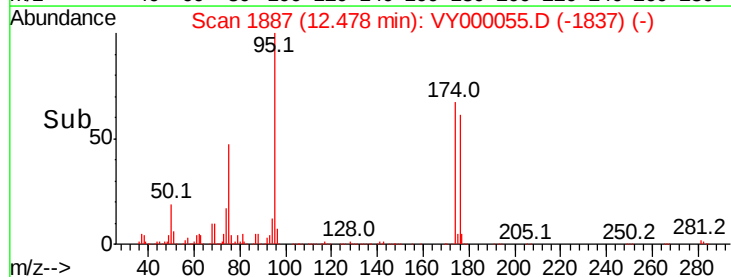
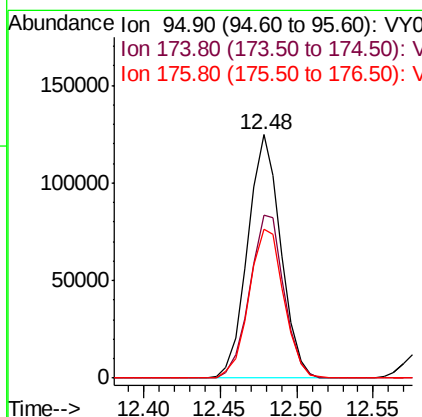
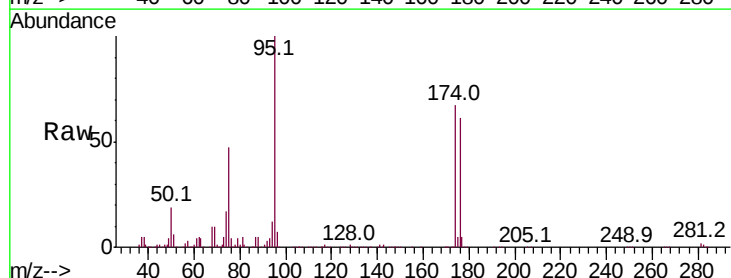
Instrument :
 MSVOA_Y
 ClientSampleId :

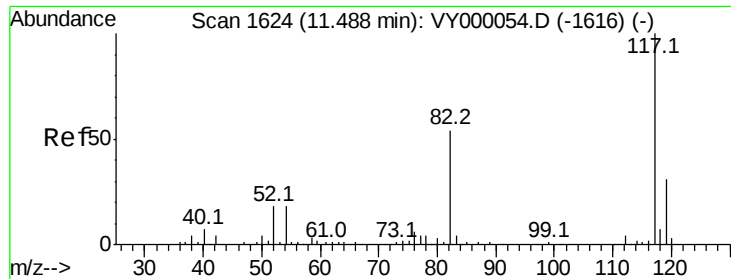
Tot Ion:107 Resp: 107856
 Ion Ratio Lower Upper
 107 100
 109 94.9 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 92.889 ug/l
 RT: 12.48 min Scan# 1887
 Delta R.T. 0.00 min
 Lab File: VY000055.D
 Acq: 17 Sep 2019 12:31

Tgt Ion: 95 Resp: 187231
 Ion Ratio Lower Upper
 95 100
 174 69.5 0.0 137.2
 176 64.4 0.0 135.0

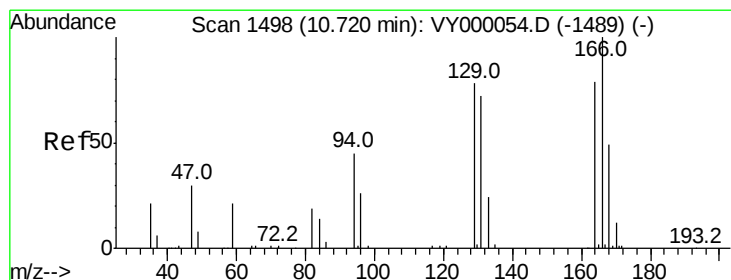
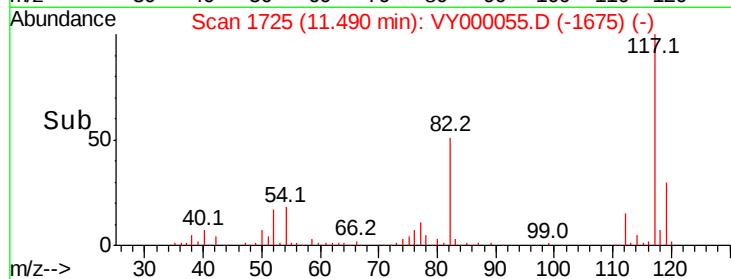
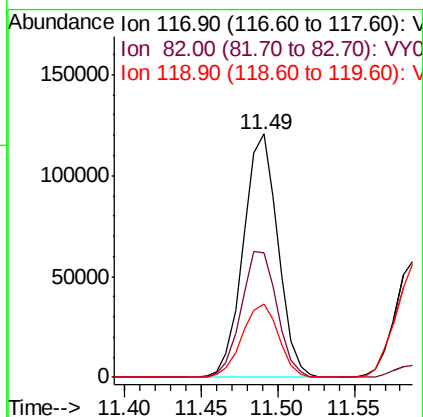
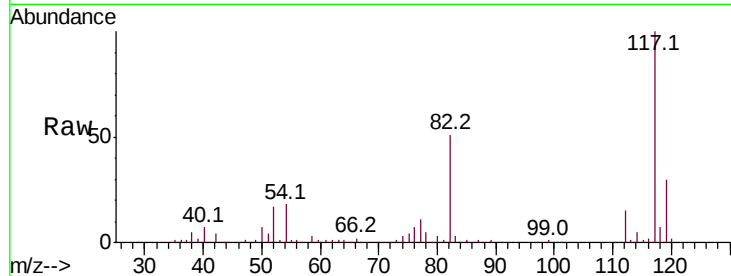




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1725
Delta R.T. 0.00 min
Lab File: VY000055.D
Acq: 17 Sep 2019 12:31

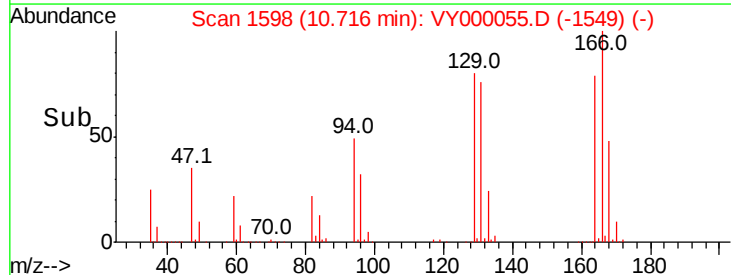
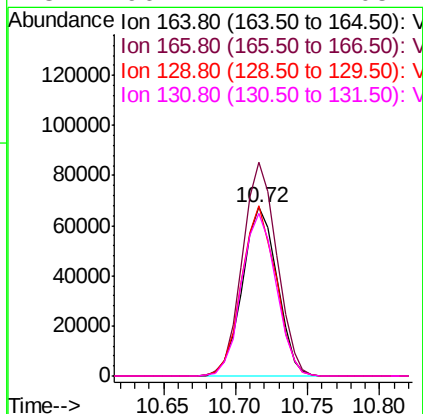
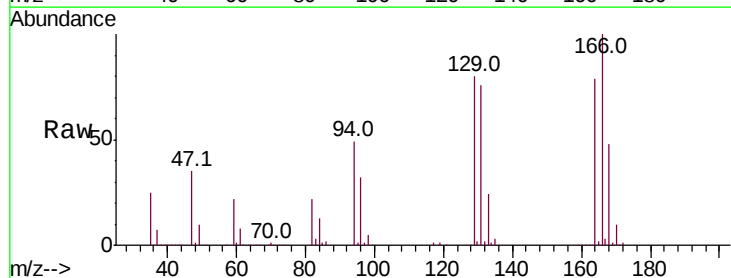
Instrument :
MSVOA_Y
ClientSampleId :

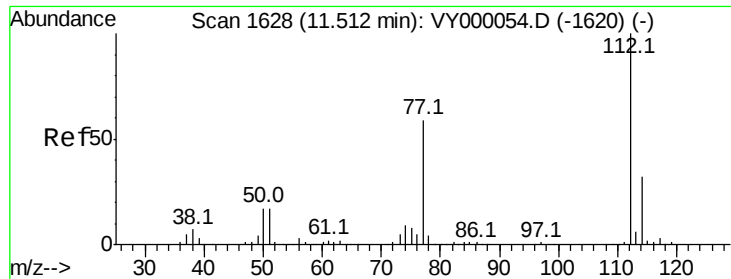
Tot Ion:117 Resp: 189695
Ion Ratio Lower Upper
117 100
82 51.1 43.5 65.3
119 30.2 24.6 36.8



#64
Tetrachloroethene
Concen: 91.374 ug/l
RT: 10.72 min Scan# 1598
Delta R.T. -0.00 min
Lab File: VY000055.D
Acq: 17 Sep 2019 12:31

Tgt Ion:164 Resp: 112424
Ion Ratio Lower Upper
164 100
166 126.6 100.9 151.3
129 100.9 78.4 117.6
131 96.2 72.2 108.2

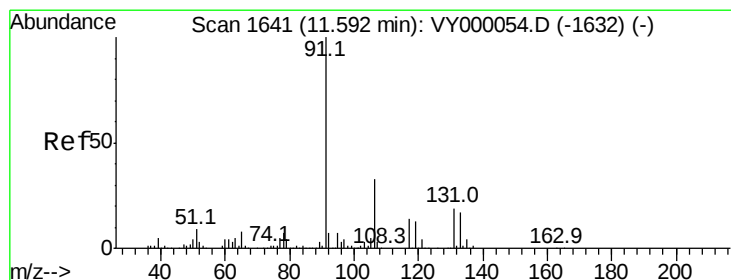
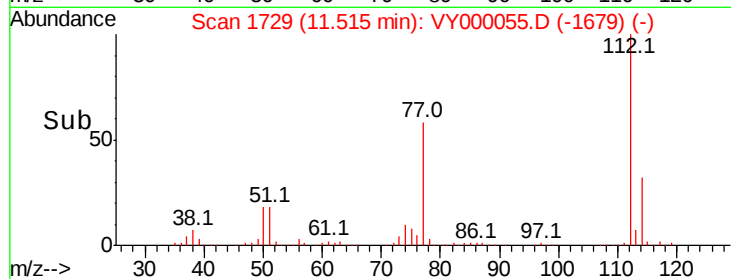
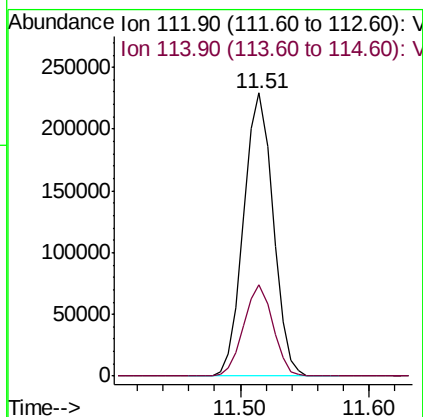
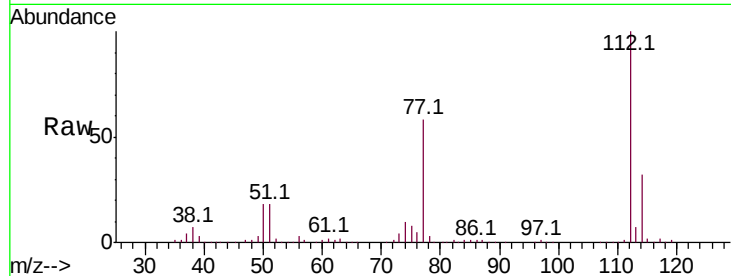




#65
Chlorobenzene
Concen: 94.889 ug/l
RT: 11.51 min Scan# 1729
Delta R.T. 0.00 min
Lab File: VY000055.D
Acq: 17 Sep 2019 12:31

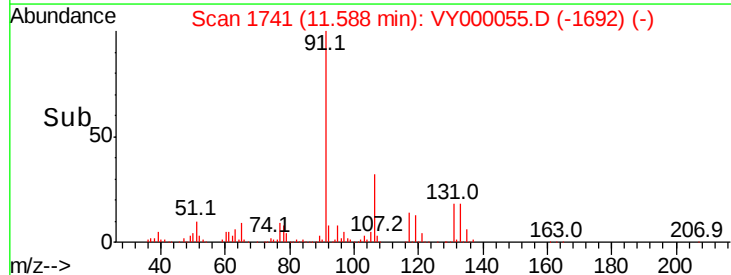
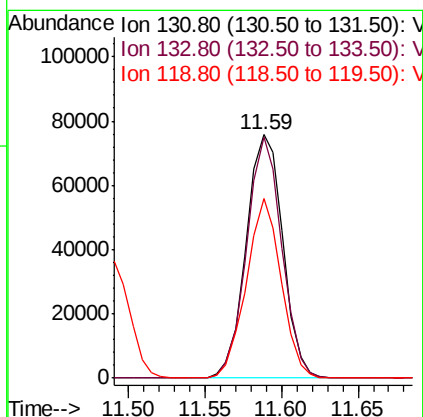
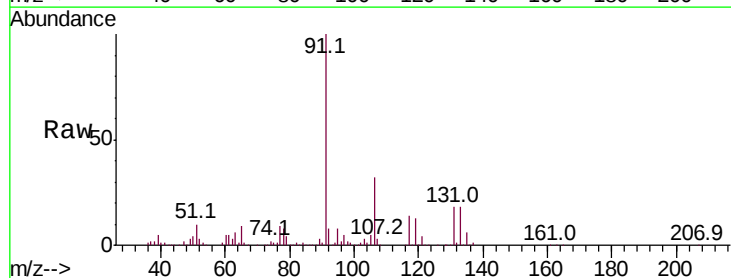
Instrument :
MSVOA_Y
ClientSampled :

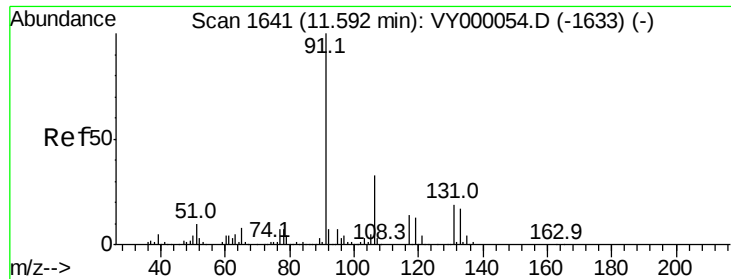
Tot Ion:112 Resp: 361718
Ion Ratio Lower Upper
112 100
114 32.2 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 98.427 ug/l
RT: 11.59 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VY000055.D
Acq: 17 Sep 2019 12:31

Tgt Ion:131 Resp: 126104
Ion Ratio Lower Upper
131 100
133 95.3 46.6 139.8
119 70.2 36.2 108.6

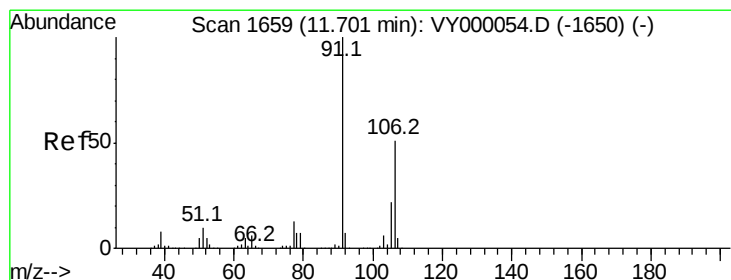
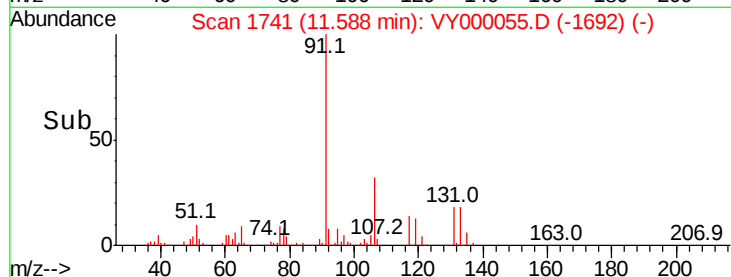
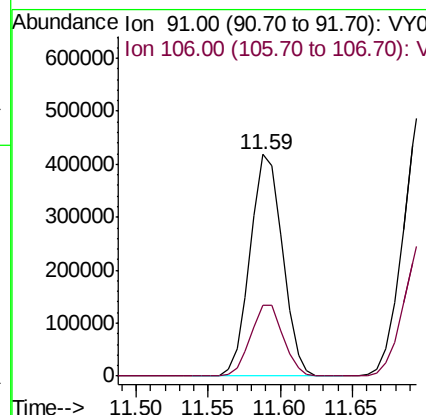
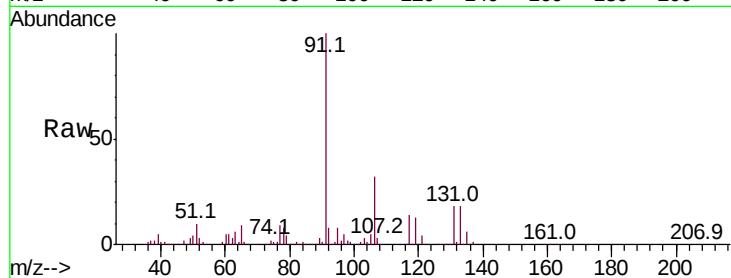




#67
Ethyl Benzene
Concen: 94.164 ug/l
RT: 11.59 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VY000055.D
Acq: 17 Sep 2019 12:31

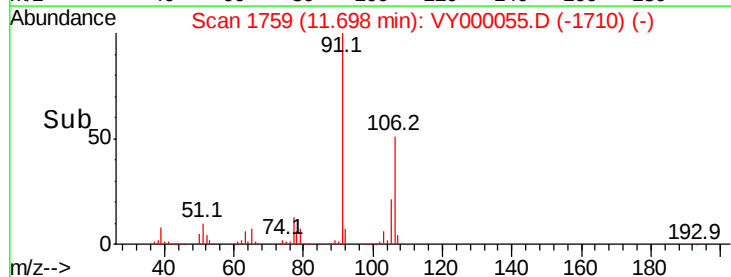
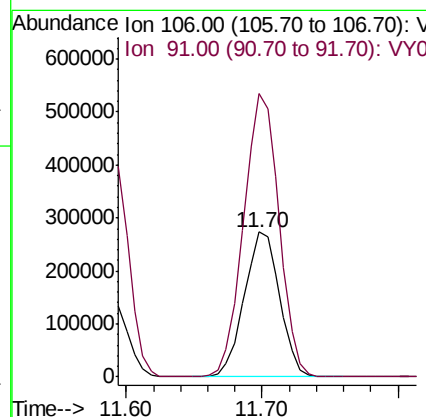
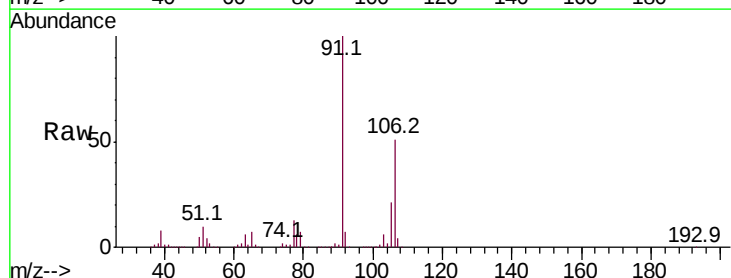
Instrument :
MSVOA_Y
ClientSampled :

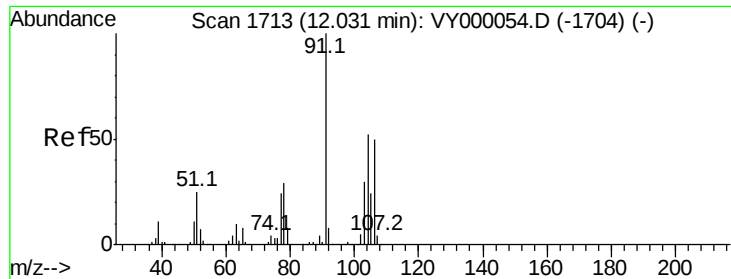
Tot Ion: 91 Resp: 649755
Ion Ratio Lower Upper
91 100
106 31.7 26.6 40.0



#68
m/p-Xylenes
Concen: 187.799 ug/l
RT: 11.70 min Scan# 1759
Delta R.T. -0.00 min
Lab File: VY000055.D
Acq: 17 Sep 2019 12:31

Tgt Ion:106 Resp: 496500
Ion Ratio Lower Upper
106 100
91 196.2 154.5 231.7

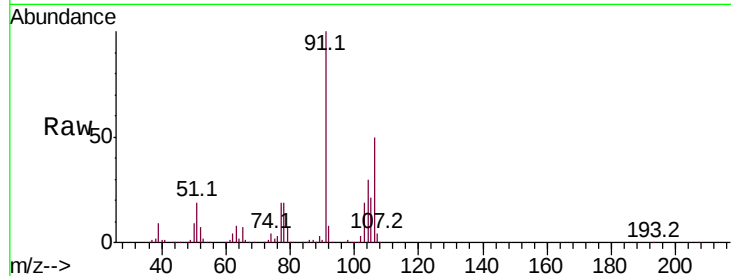




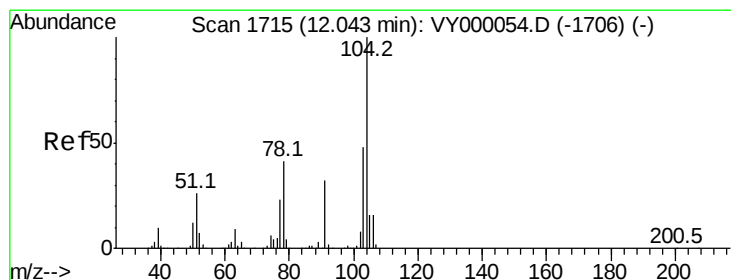
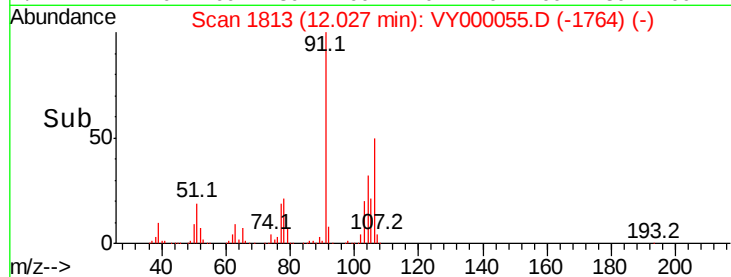
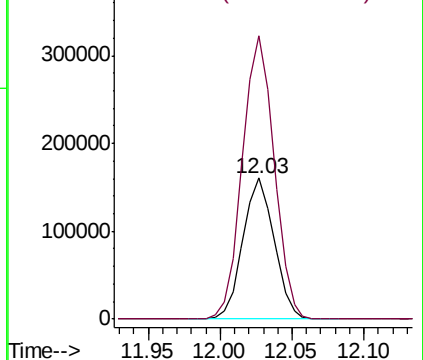
#69
o-Xylene
Concen: 96.433 ug/l
RT: 12.03 min Scan# 1813
Delta R.T. -0.00 min
Lab File: VY000055.D
Acq: 17 Sep 2019 12:31

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:106 Resp: 242088
Ion Ratio Lower Upper
106 100
91 203.7 103.5 310.3

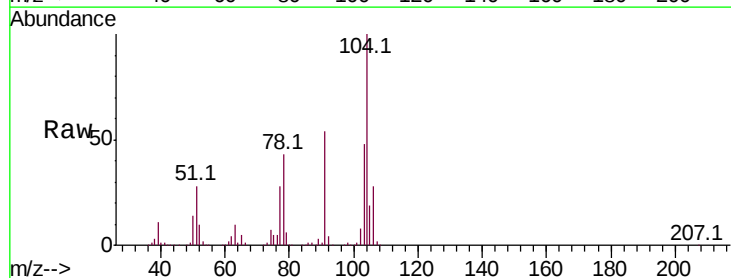


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VY0

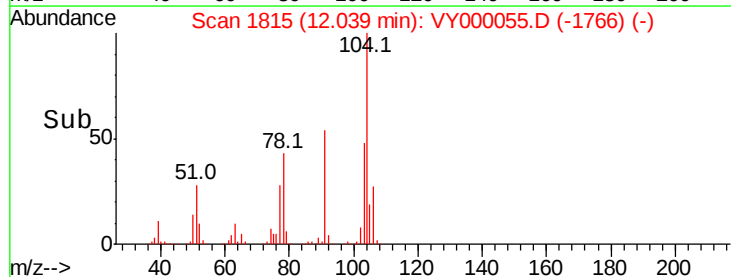
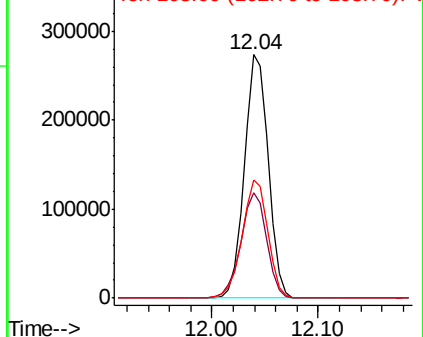


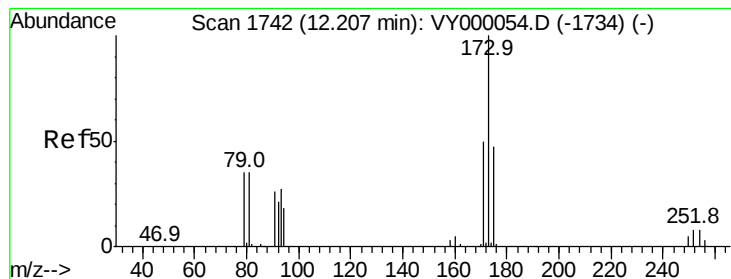
#70
Styrene
Concen: 97.494 ug/l
RT: 12.04 min Scan# 1815
Delta R.T. -0.00 min
Lab File: VY000055.D
Acq: 17 Sep 2019 12:31

Tgt Ion:104 Resp: 430438
Ion Ratio Lower Upper
104 100
78 46.7 37.7 56.5
103 52.0 42.2 63.4



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VY0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 103.295 ug/l

RT: 12.20 min Scan# 1842

Delta R.T. -0.00 min

Lab File: VY000055.D

Acq: 17 Sep 2019 12:31

Instrument :

MSVOA_Y

ClientSampleId :

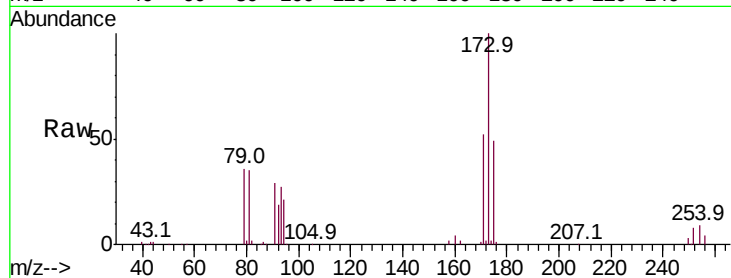
Tot Ion:173 Resp: 74343

Ion Ratio Lower Upper

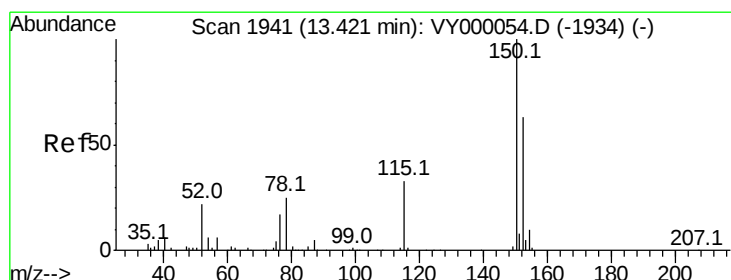
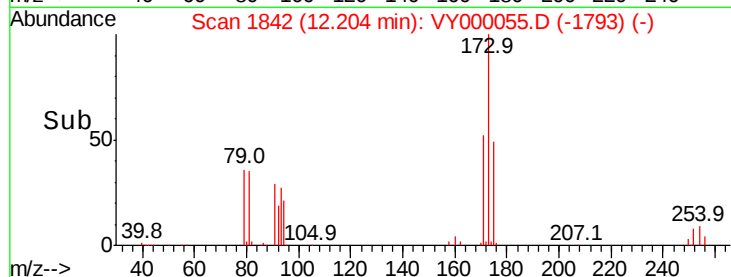
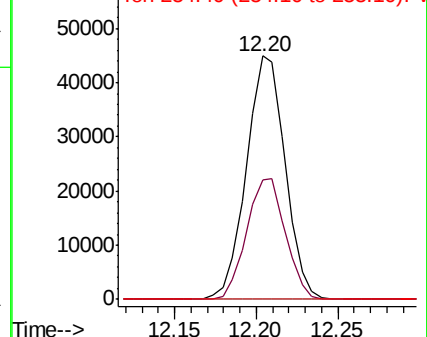
173 100

175 49.8 23.6 71.0

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# 2042

Delta R.T. 0.00 min

Lab File: VY000055.D

Acq: 17 Sep 2019 12:31

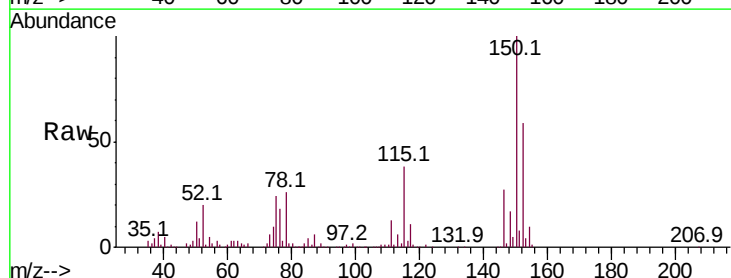
Tgt Ion:152 Resp: 81726

Ion Ratio Lower Upper

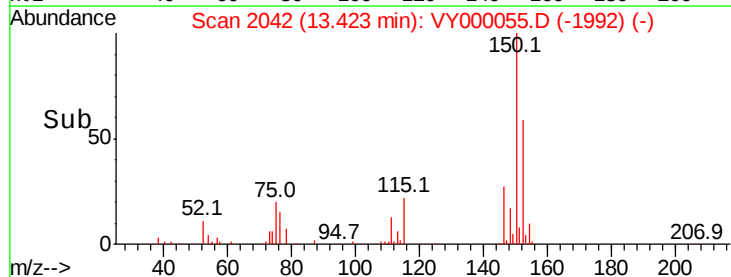
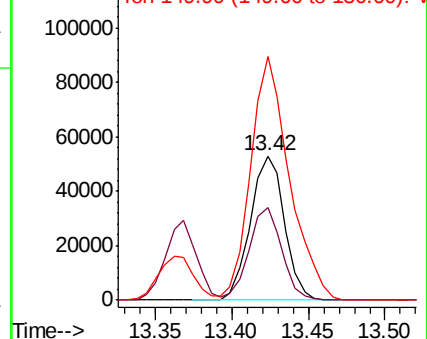
152 100

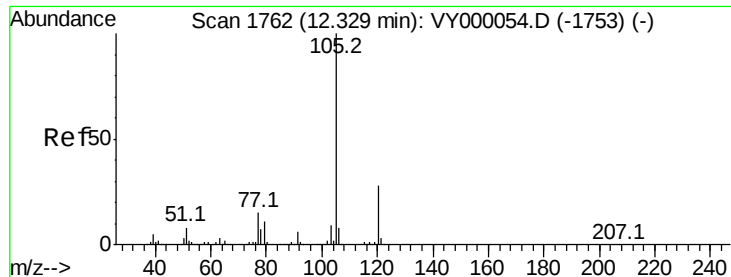
115 61.8 30.7 92.1

150 191.7 0.0 351.6



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: 95.243 ug/l

RT: 12.33 min Scan# 1862

Delta R.T. -0.00 min

Lab File: VY000055.D

Acq: 17 Sep 2019 12:31

Instrument :

MSVOA_Y

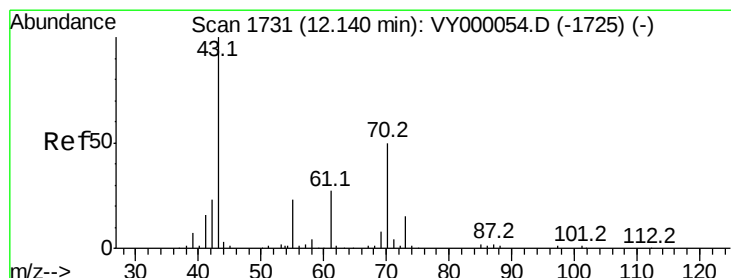
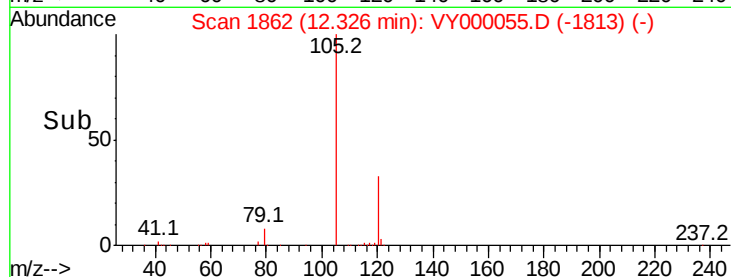
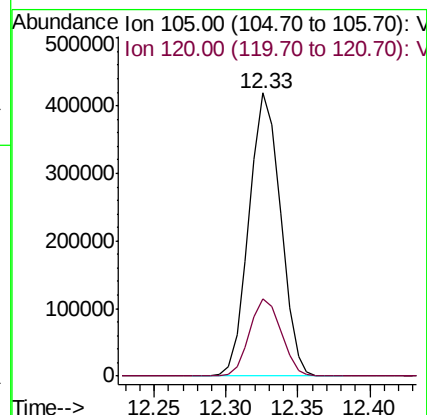
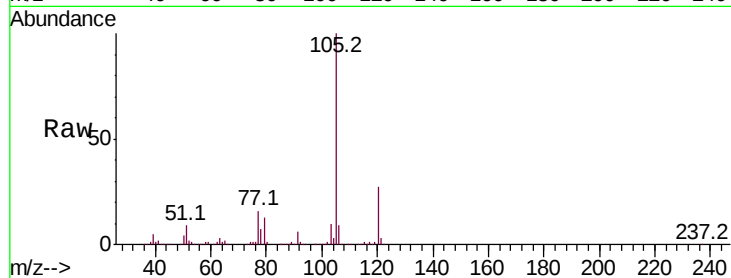
ClientSampleId :

Tot Ion:105 Resp: 634277

Ion Ratio Lower Upper

105 100

120 27.2 13.9 41.7



#74

N-ethyl acetate

Concen: 104.295 ug/l

RT: 12.14 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VY000055.D

Acq: 17 Sep 2019 12:31

Tgt Ion: 43 Resp: 194538

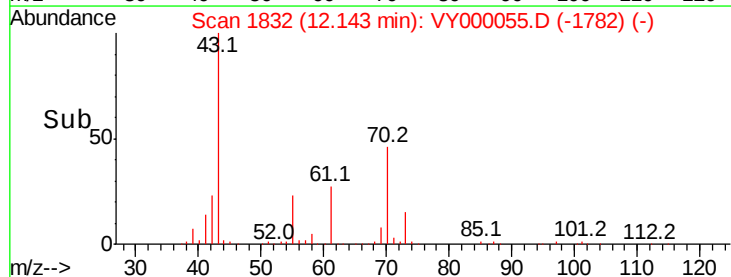
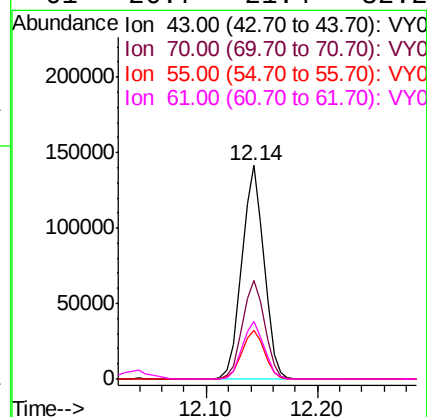
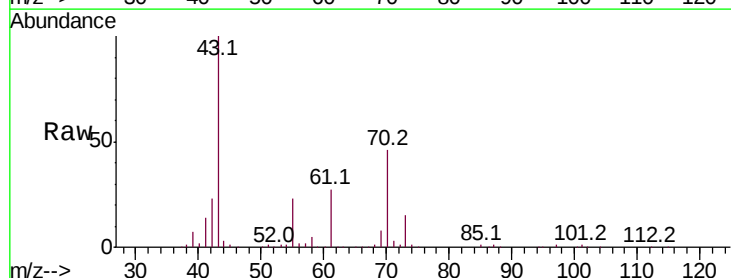
Ion Ratio Lower Upper

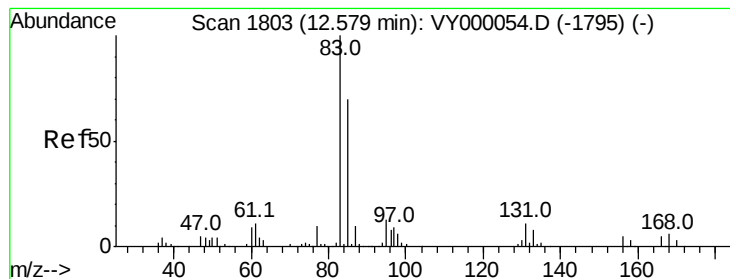
43 100

70 46.3 38.8 58.2

55 23.0 18.8 28.2

61 26.7 21.4 32.2





#75

1,1,2,2-Tetrachloroethane

Concen: 92.555 ug/l

RT: 12.58 min Scan# 1904

Delta R.T. 0.00 min

Lab File: VY000055.D

Acq: 17 Sep 2019 12:31

Instrument :

MSVOA_Y

ClientSampleId :

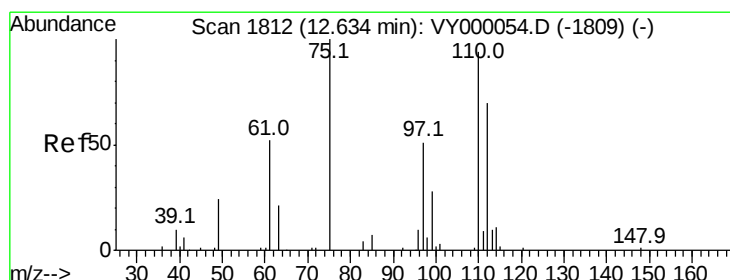
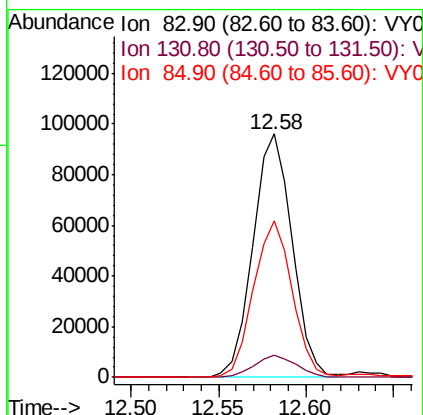
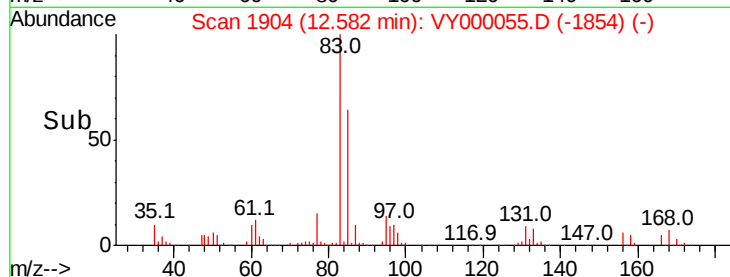
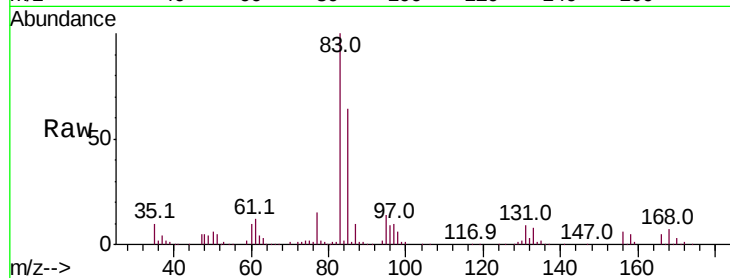
Tot Ion: 83 Resp: 149435

Ion Ratio Lower Upper

83 100

131 9.9 4.9 14.7

85 63.5 32.5 97.4



#76

1,2,3-Trichloropropane

Concen: 163.589 ug/l

RT: 12.63 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VY000055.D

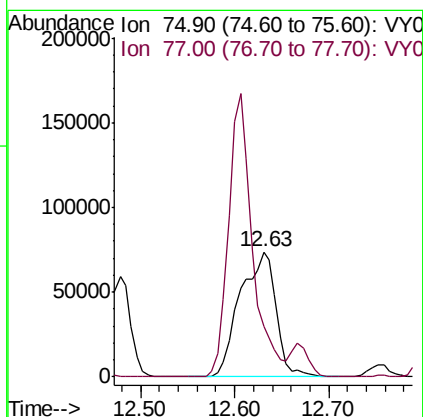
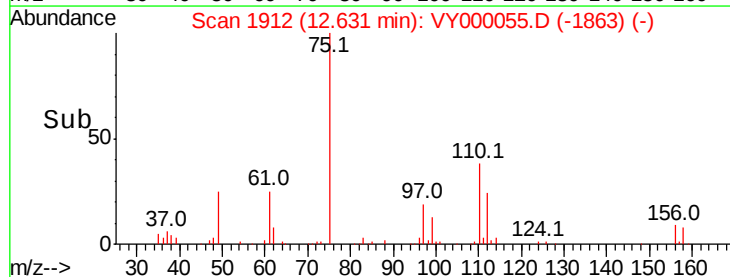
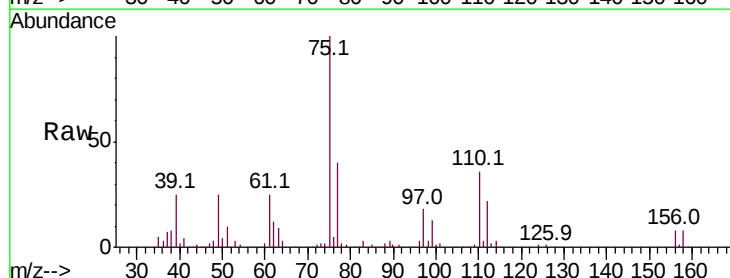
Acq: 17 Sep 2019 12:31

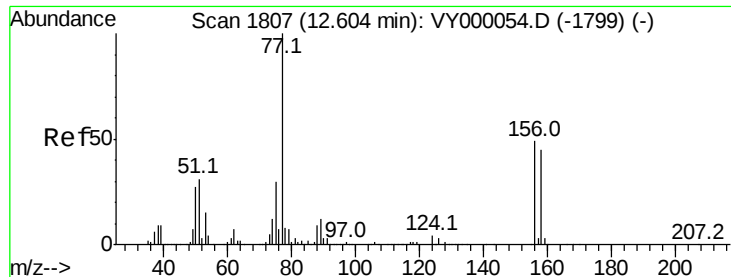
Tgt Ion: 75 Resp: 197291

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 97.956 ug/l

RT: 12.61 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY000055.D

Acq: 17 Sep 2019 12:31

Instrument :

MSVOA_Y

ClientSampleId :

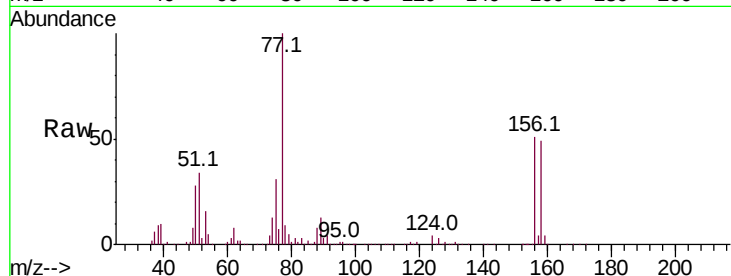
Tot Ion:156 Resp: 136651

Ion Ratio Lower Upper

156 100

77 216.7 109.7 329.0

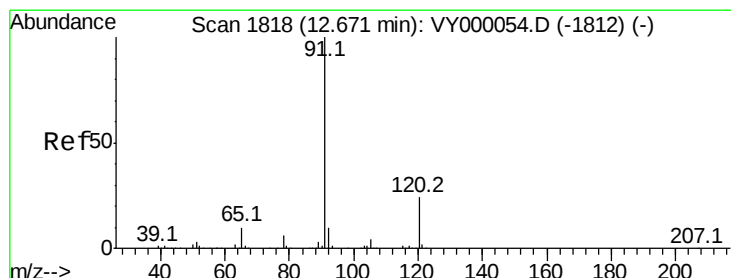
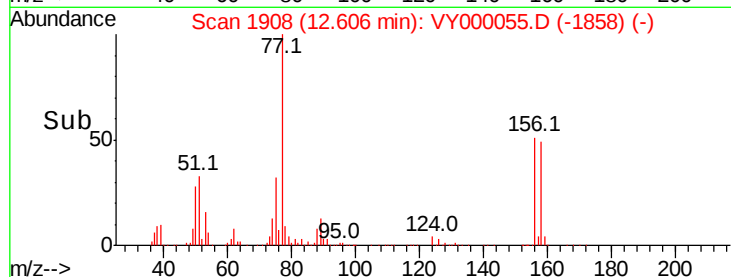
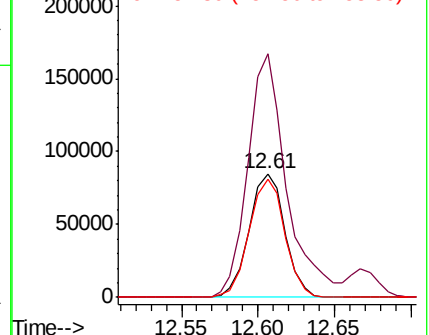
158 95.9 48.0 144.2



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: 94.437 ug/l

RT: 12.67 min Scan# 1918

Delta R.T. -0.00 min

Lab File: VY000055.D

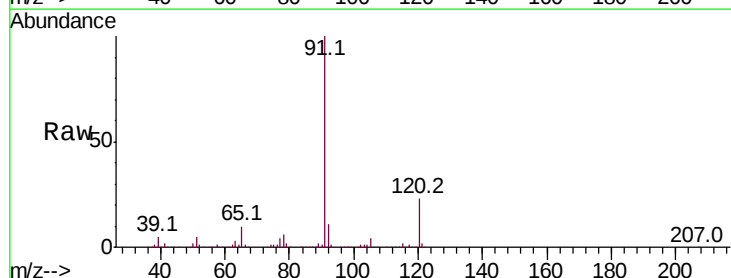
Acq: 17 Sep 2019 12:31

Tgt Ion: 91 Resp: 777847

Ion Ratio Lower Upper

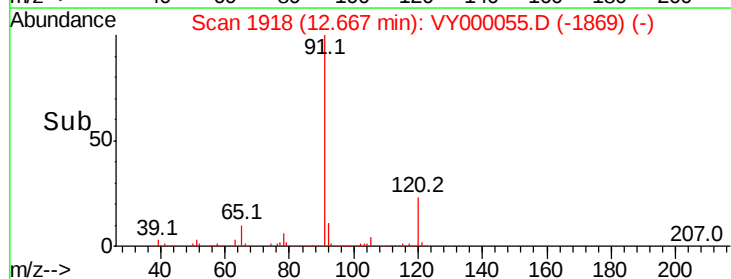
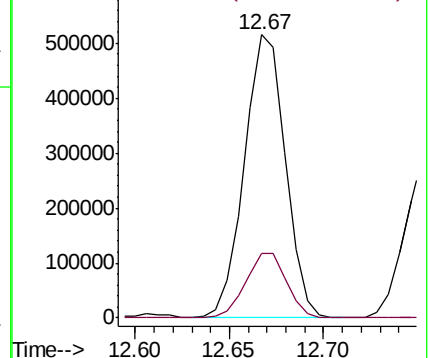
91 100

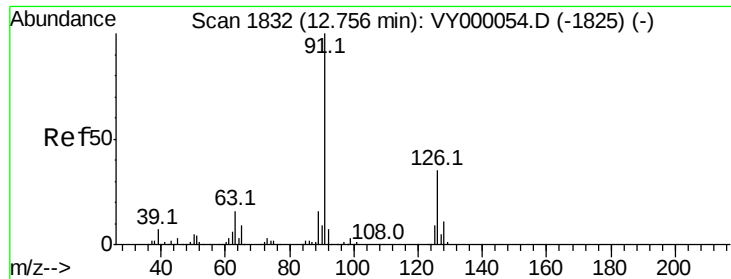
120 23.0 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 95.617 ug/l

RT: 12.75 min Scan# 1932

Delta R.T. -0.00 min

Lab File: VY000055.D

Acq: 17 Sep 2019 12:31

Instrument :

MSVOA_Y

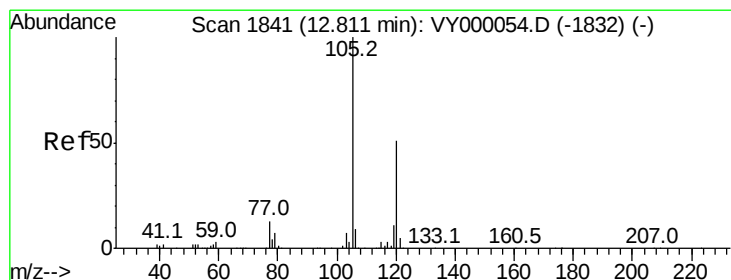
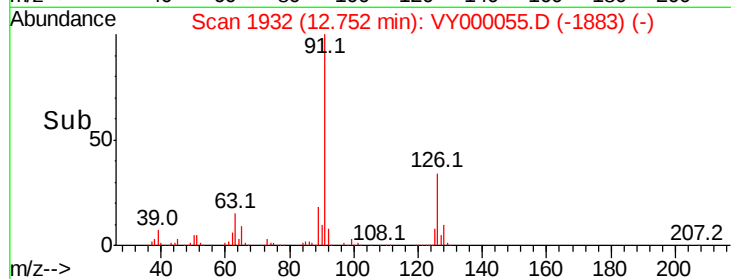
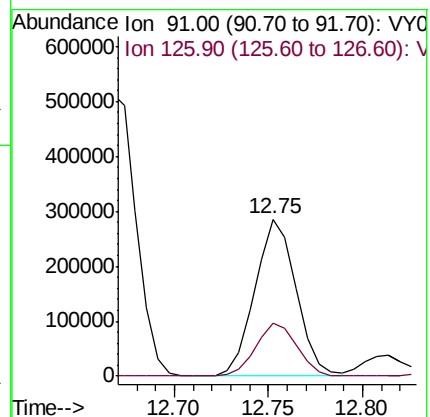
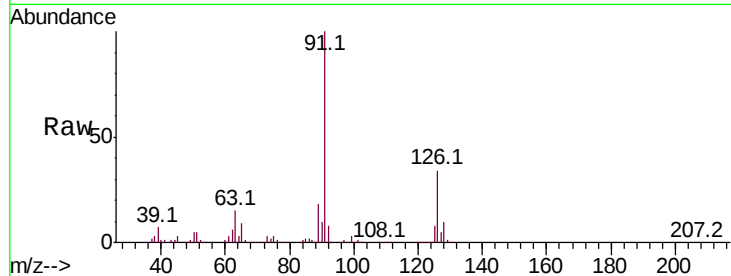
ClientSampled :

Tot Ion: 91 Resp: 434881

Ion Ratio Lower Upper

91 100

126 33.8 17.2 51.5



#80

1,3,5-Trimethylbenzene

Concen: 95.243 ug/l

RT: 12.81 min Scan# 1941

Delta R.T. -0.00 min

Lab File: VY000055.D

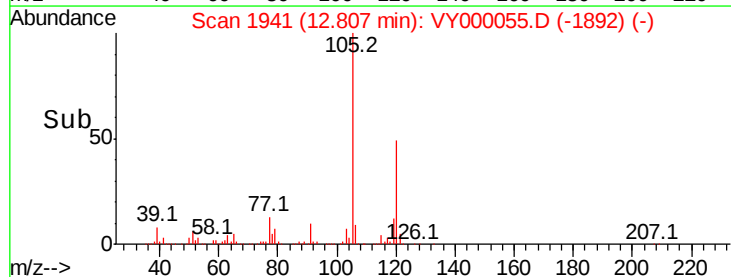
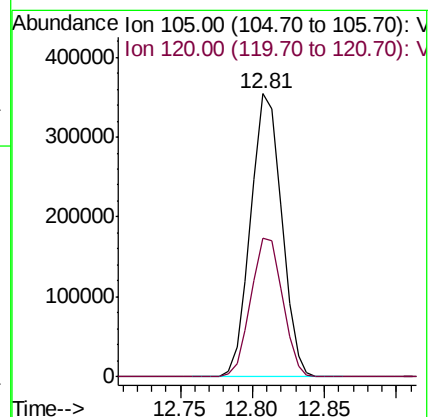
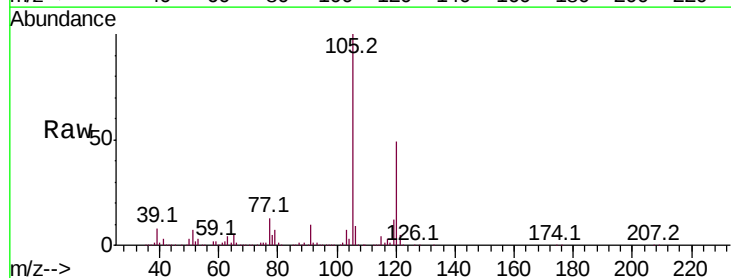
Acq: 17 Sep 2019 12:31

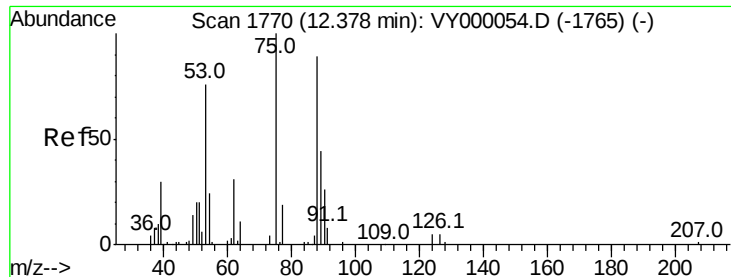
Tgt Ion:105 Resp: 528282

Ion Ratio Lower Upper

105 100

120 50.2 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 100.205 ug/l

RT: 12.38 min Scan# 1871

Delta R.T. 0.00 min

Lab File: VY000055.D

Acq: 17 Sep 2019 12:31

Instrument :

MSVOA_Y

ClientSampleId :

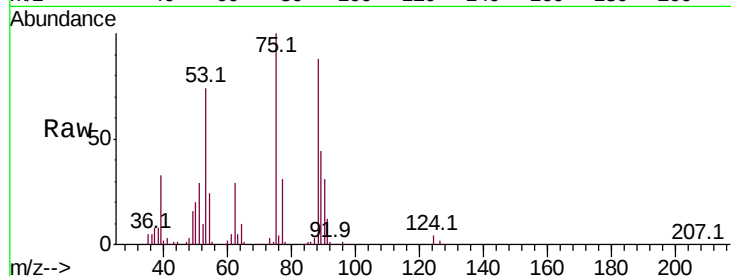
Tot Ion: 75 Resp: 58631

Ion Ratio Lower Upper

75 100

53 80.2 60.9 91.3

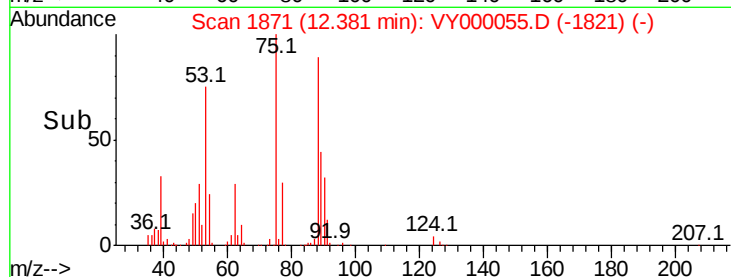
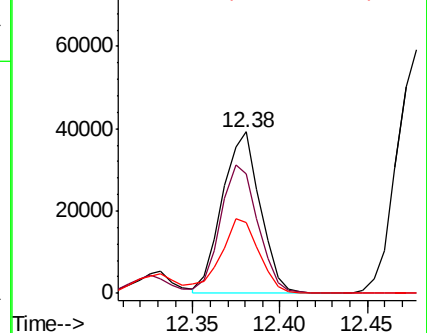
89 47.5 35.3 52.9



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: 97.349 ug/l

RT: 12.85 min Scan# 1948

Delta R.T. -0.00 min

Lab File: VY000055.D

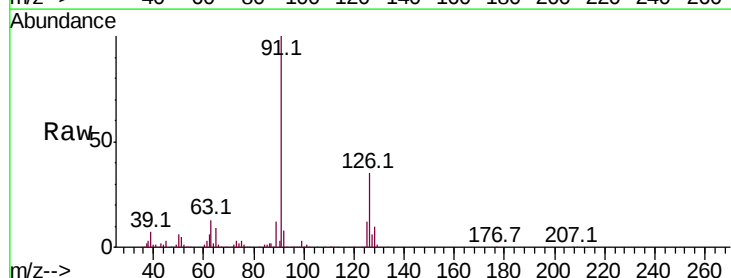
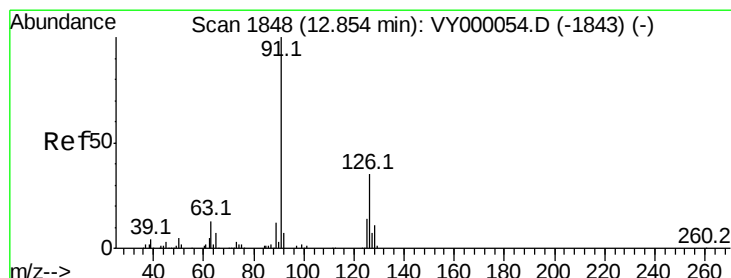
Acq: 17 Sep 2019 12:31

Tgt Ion: 91 Resp: 454606

Ion Ratio Lower Upper

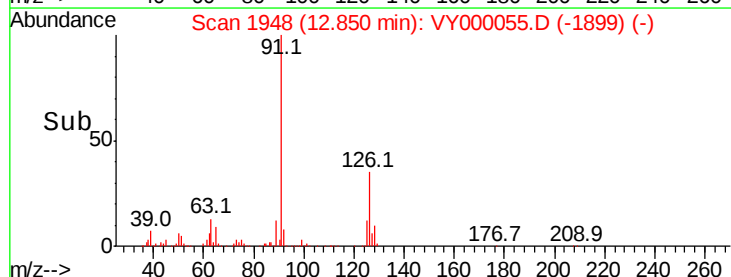
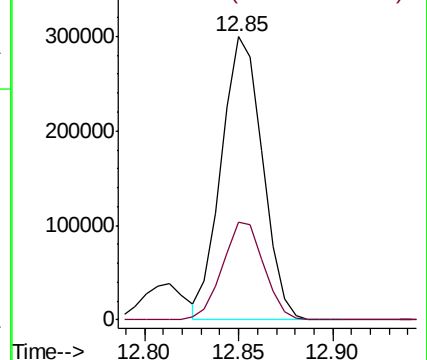
91 100

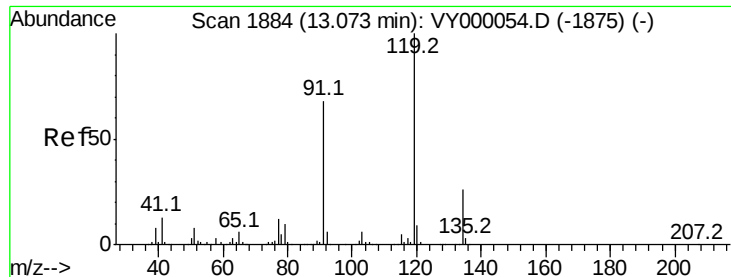
126 34.7 16.7 50.1



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V

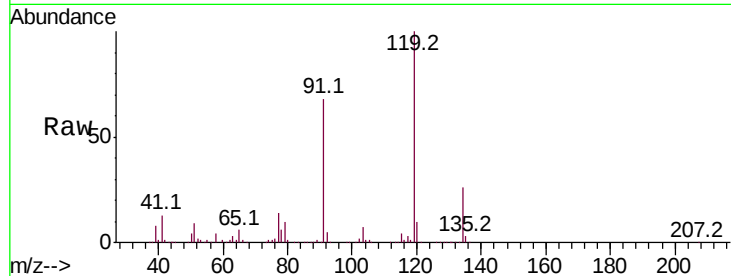




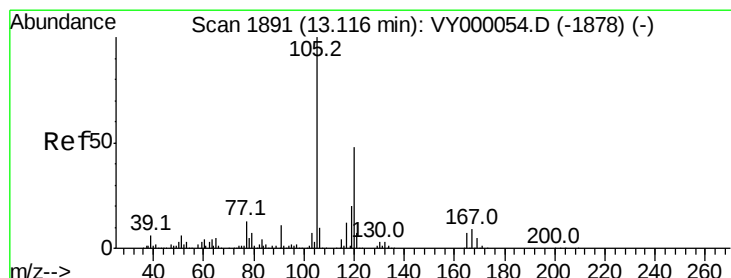
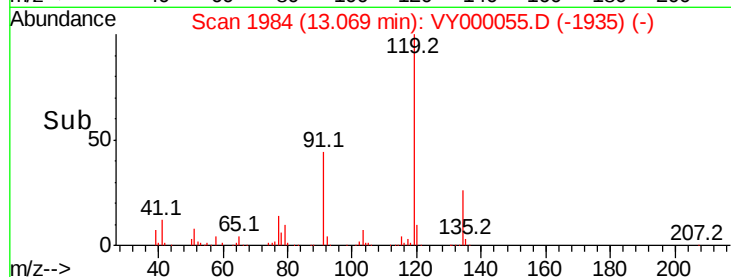
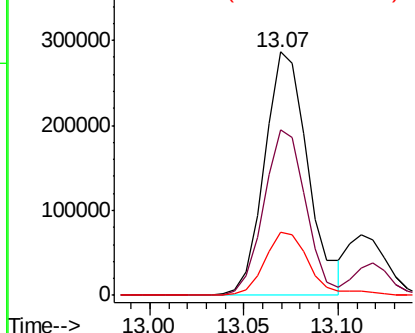
#83
 tert-Butylbenzene
 Concen: 96.217 ug/l
 RT: 13.07 min Scan# 1984
 Delta R.T. -0.00 min
 Lab File: VY000055.D
 Acq: 17 Sep 2019 12:31

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion:119 Resp: 458362
 Ion Ratio Lower Upper
 119 100
 91 65.8 33.4 100.1
 134 26.6 12.7 38.0

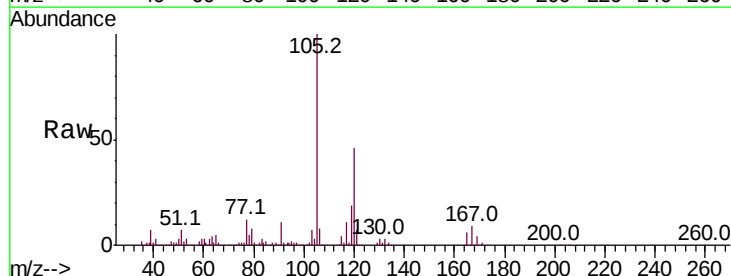


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VY0
 Ion 134.00 (133.70 to 134.70): V

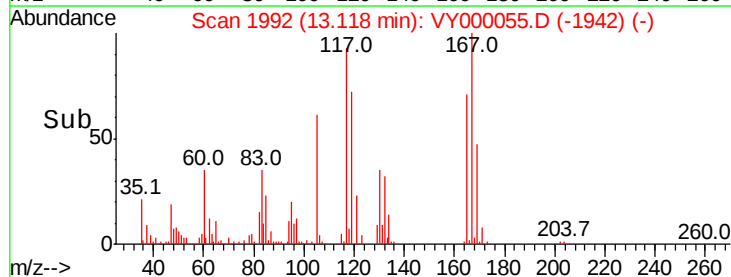
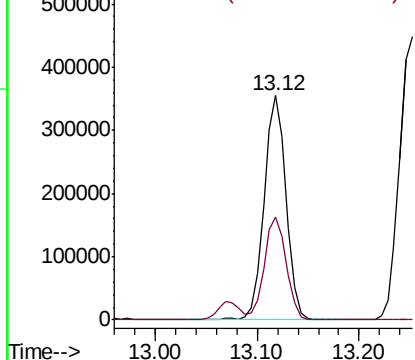


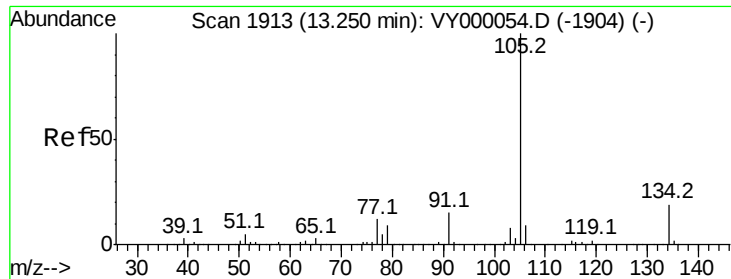
#84
 1,2,4-Trimethylbenzene
 Concen: 96.508 ug/l
 RT: 13.12 min Scan# 1992
 Delta R.T. 0.00 min
 Lab File: VY000055.D
 Acq: 17 Sep 2019 12:31

Tgt Ion:105 Resp: 529374
 Ion Ratio Lower Upper
 105 100
 120 45.8 22.9 68.7



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V

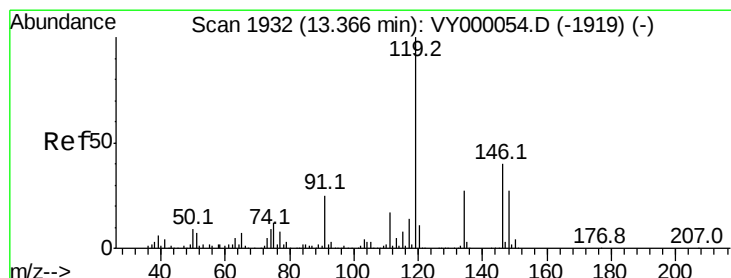
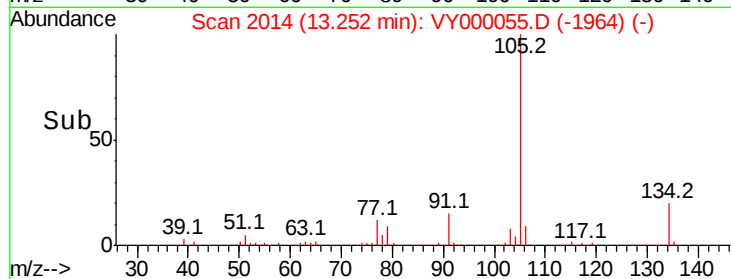
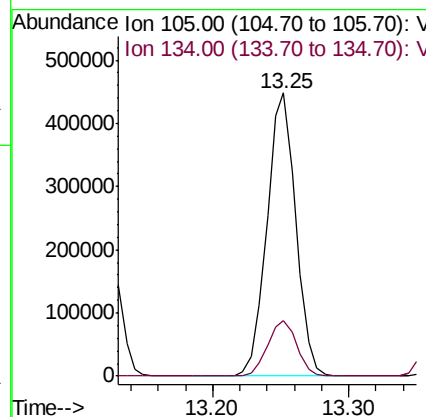
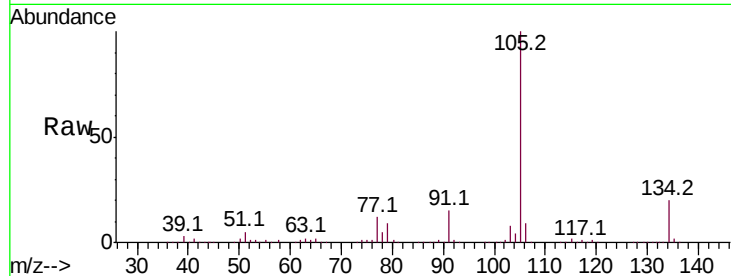




#85
 sec-Butylbenzene
 Concen: 94.962 ug/l
 RT: 13.25 min Scan# 2014
 Delta R.T. 0.00 min
 Lab File: VY000055.D
 Acq: 17 Sep 2019 12:31

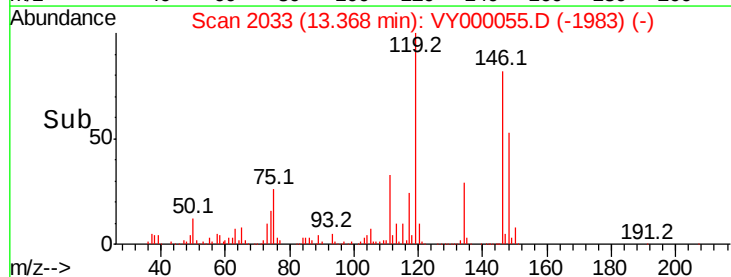
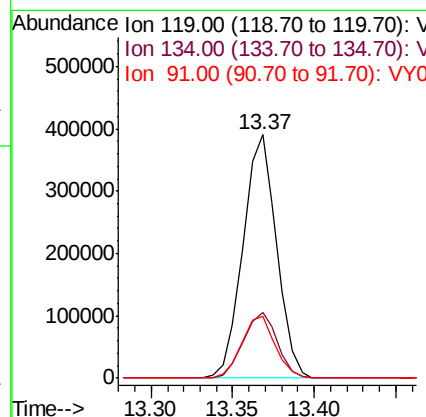
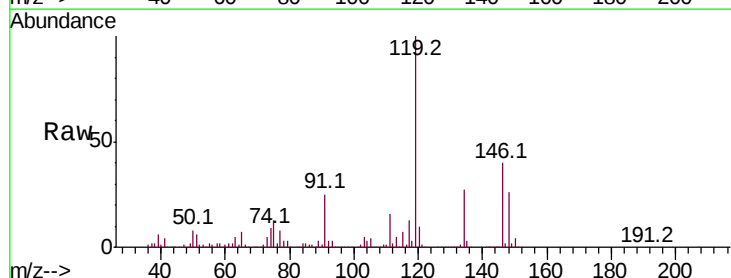
Instrument :
 MSVOA_Y
 ClientSampled :

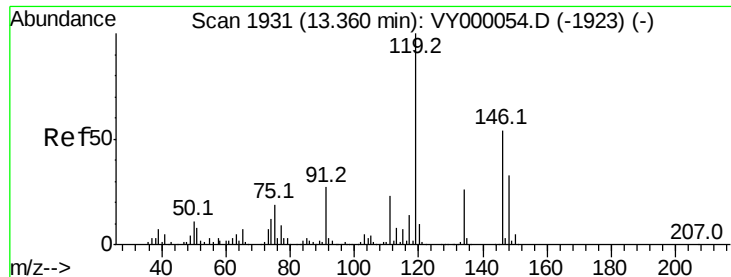
Tot Ion:105 Resp: 667648
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 93.887 ug/l
 RT: 13.37 min Scan# 2033
 Delta R.T. 0.00 min
 Lab File: VY000055.D
 Acq: 17 Sep 2019 12:31

Tgt Ion:119 Resp: 559020
 Ion Ratio Lower Upper
 119 100
 134 27.3 13.4 40.2
 91 25.5 12.4 37.4

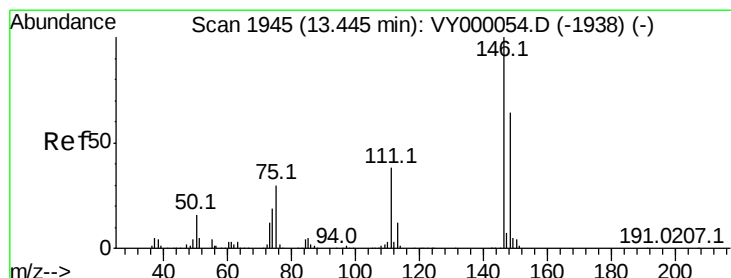
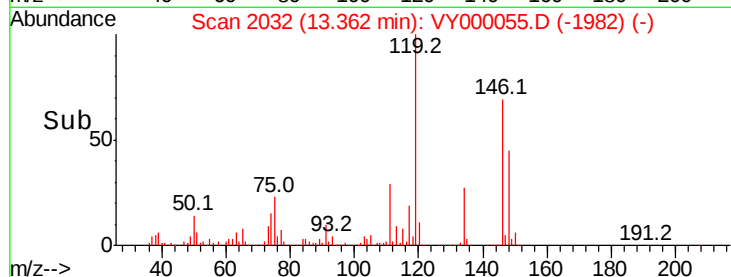
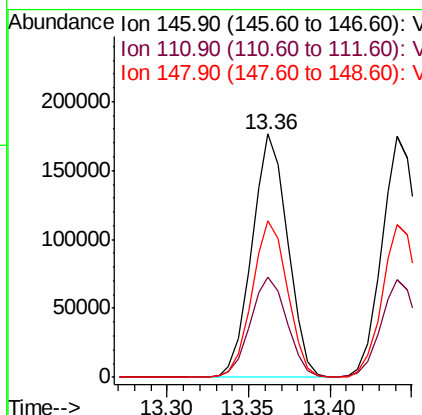
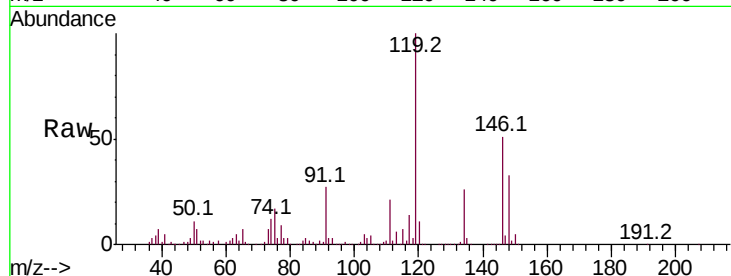




#87
 1,3-Dichlorobenzene
 Concen: 98.076 ug/l
 RT: 13.36 min Scan# 2032
 Delta R.T. 0.00 min
 Lab File: VY000055.D
 Acq: 17 Sep 2019 12:31

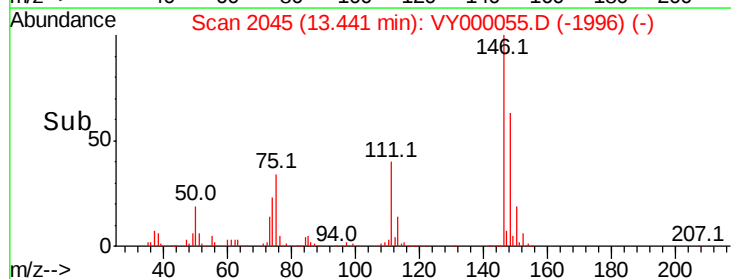
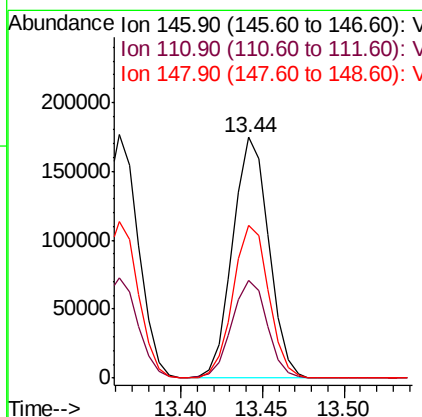
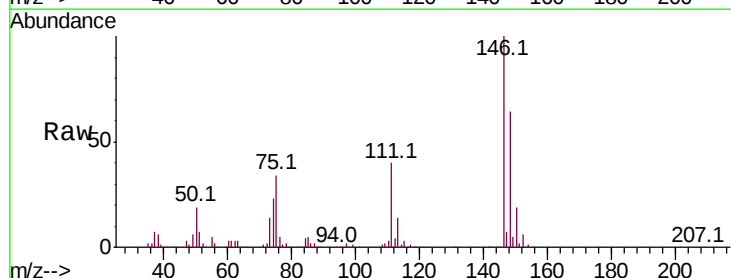
Instrument :
 MSVOA_Y
 ClientSampled :

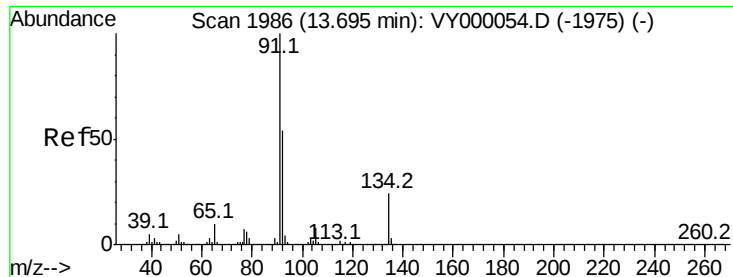
Tot Ion:146 Resp: 269069
 Ion Ratio Lower Upper
 146 100
 111 42.3 21.1 63.1
 148 64.0 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 95.795 ug/l
 RT: 13.44 min Scan# 2045
 Delta R.T. -0.00 min
 Lab File: VY000055.D
 Acq: 17 Sep 2019 12:31

Tgt Ion:146 Resp: 269952
 Ion Ratio Lower Upper
 146 100
 111 39.8 20.8 62.4
 148 62.6 31.5 94.5

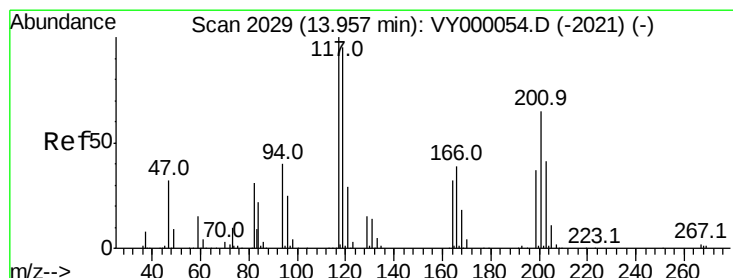
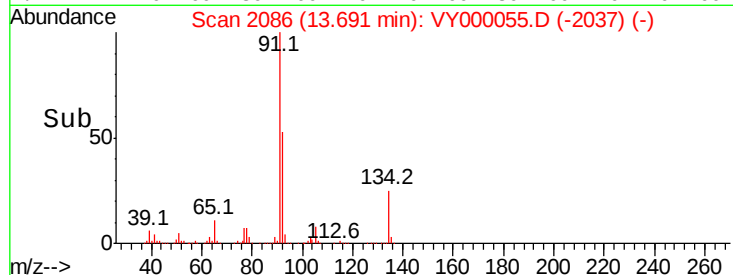
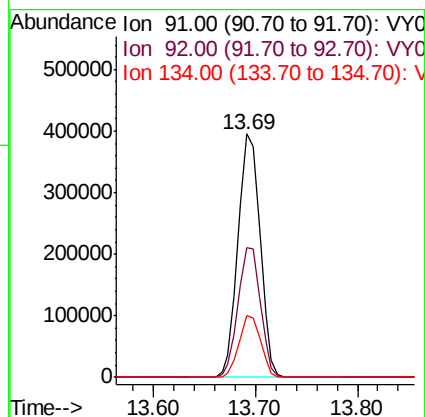
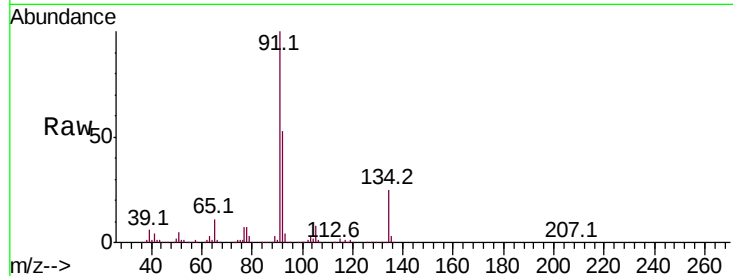




#89
n-Butylbenzene
Concen: 96.705 ug/l
RT: 13.69 min Scan# 2086
Delta R.T. -0.00 min
Lab File: VY000055.D
Acq: 17 Sep 2019 12:31

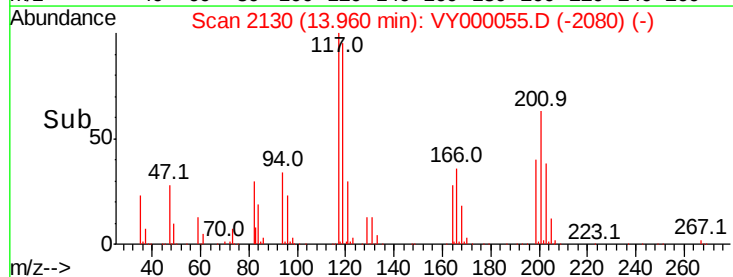
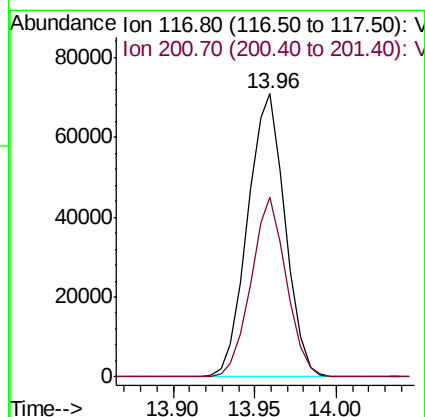
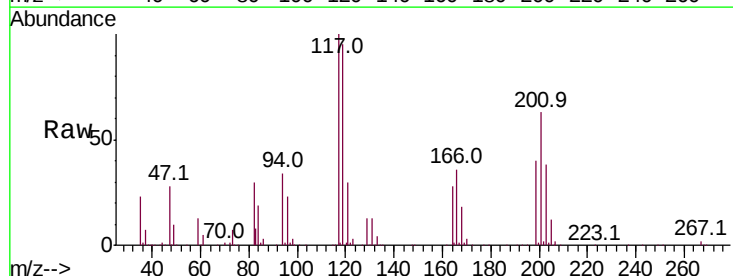
Instrument :
MSVOA_Y
ClientSampleId :

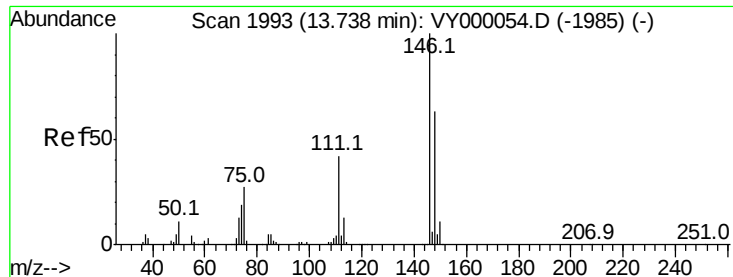
Tot Ion: 91 Resp: 589713
Ion Ratio Lower Upper
91 100
92 54.2 27.2 81.5
134 25.0 12.2 36.6



#90
Hexachloroethane
Concen: 96.572 ug/l
RT: 13.96 min Scan# 2130
Delta R.T. 0.00 min
Lab File: VY000055.D
Acq: 17 Sep 2019 12:31

Tgt Ion: 117 Resp: 112901
Ion Ratio Lower Upper
117 100
201 60.0 30.6 92.0





#91

1,2-Dichlorobenzene

Concen: 95.854 ug/l

RT: 13.73 min Scan# 2093

Delta R.T. -0.00 min

Lab File: VY000055.D

Acq: 17 Sep 2019 12:31

Instrument :

MSVOA_Y

ClientSampled :

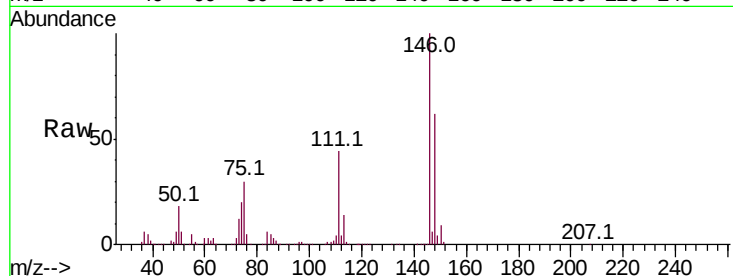
Tot Ion:146 Resp: 252651

Ion Ratio Lower Upper

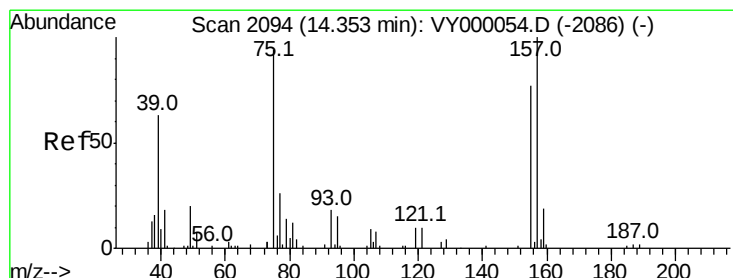
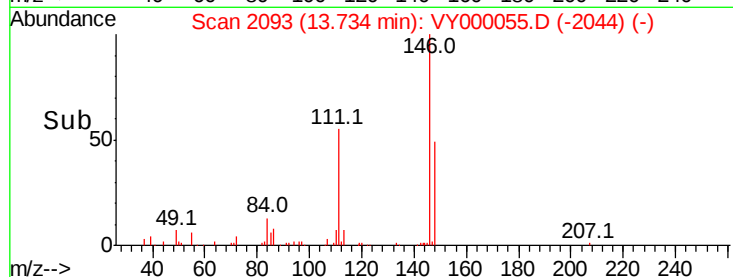
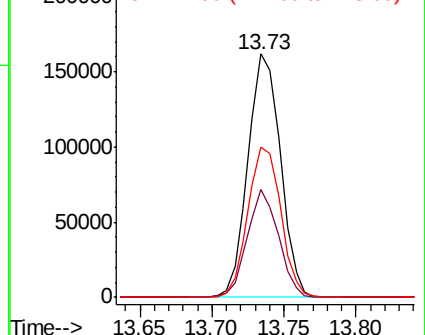
146 100

111 42.4 21.9 65.7

148 62.6 32.4 97.2



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 88.657 ug/l

RT: 14.36 min Scan# 2195

Delta R.T. 0.00 min

Lab File: VY000055.D

Acq: 17 Sep 2019 12:31

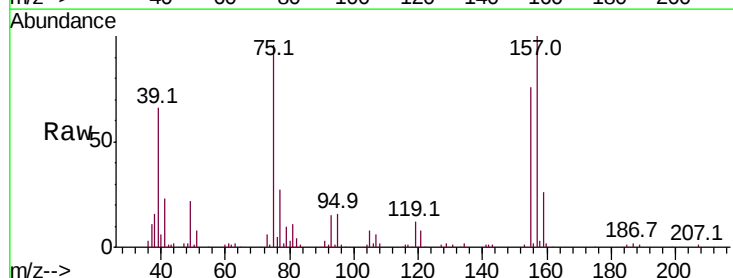
Tgt Ion: 75 Resp: 27177

Ion Ratio Lower Upper

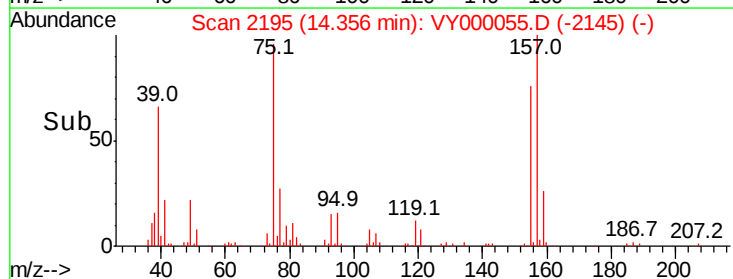
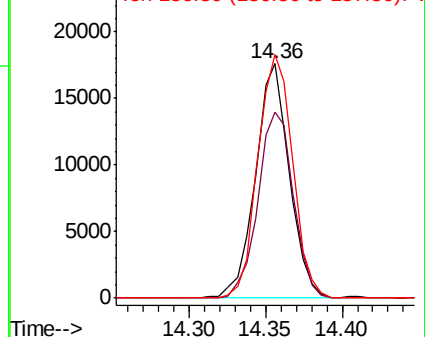
75 100

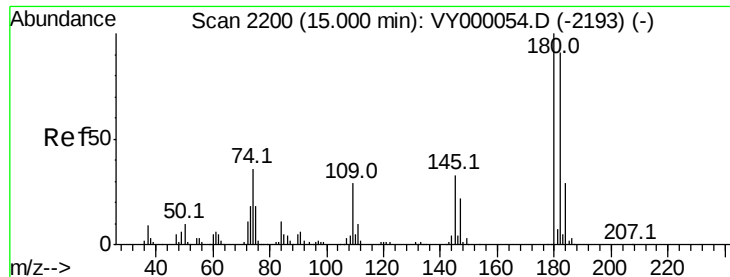
155 82.8 40.6 121.7

157 106.5 52.9 158.8



Abundance Ion 74.90 (74.60 to 75.60): VY0
Ion 154.80 (154.50 to 155.50): V
Ion 156.80 (156.50 to 157.50): V

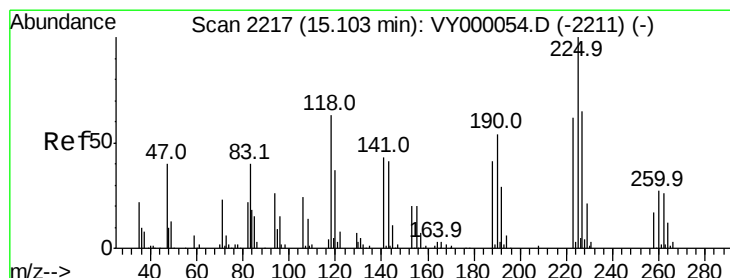
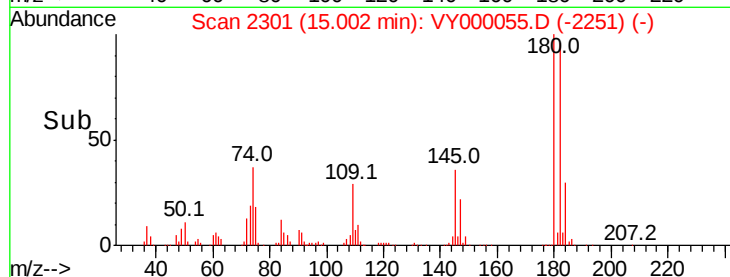
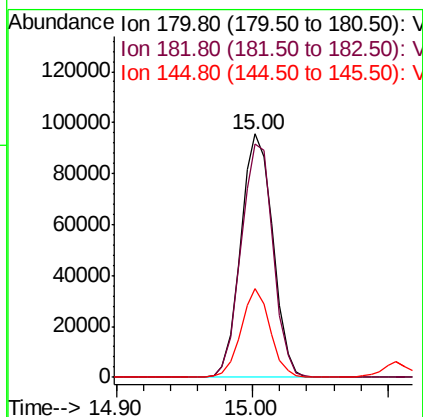
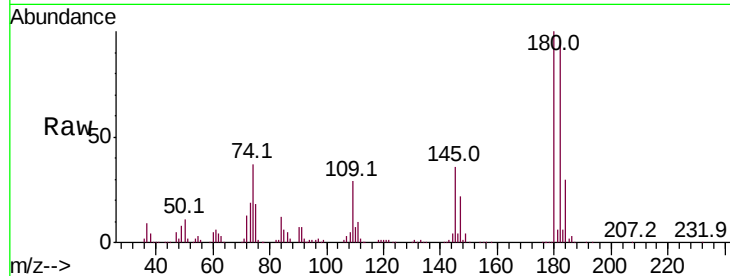




#93
 1,2,4-Trichlorobenzene
 Concen: 101.433 ug/l
 RT: 15.00 min Scan# 2301
 Delta R.T. 0.00 min
 Lab File: VY000055.D
 Acq: 17 Sep 2019 12:31

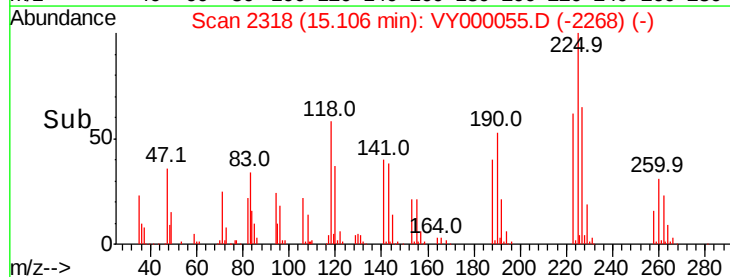
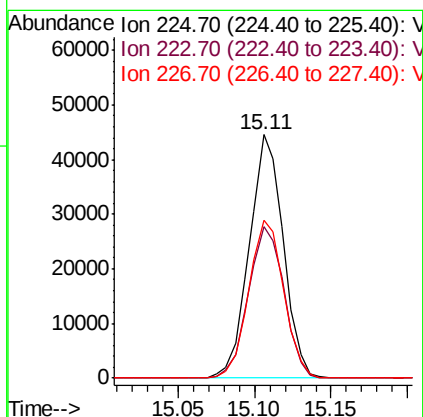
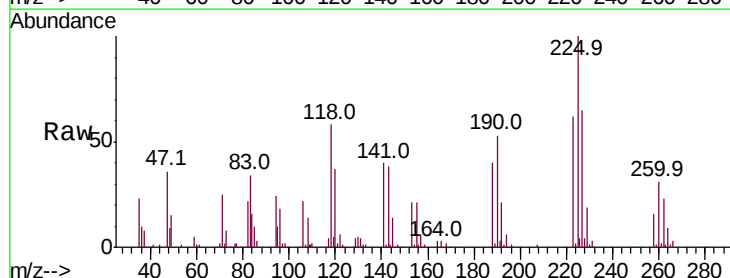
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 MSVOA_Y
 ClientSampleId :

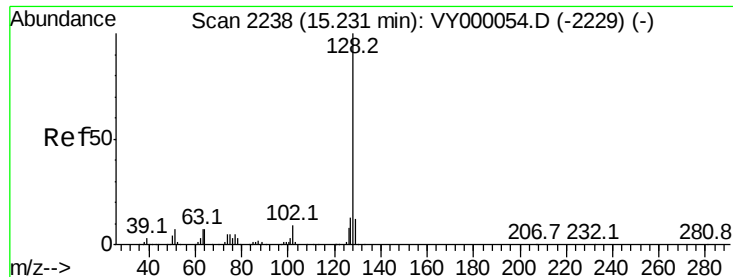
Tot Ion:180 Resp: 156942
 Ion Ratio Lower Upper
 180 100
 182 95.7 48.5 145.6
 145 33.0 17.2 51.6



#94
 Hexachlorobutadiene
 Concen: 91.554 ug/l
 RT: 15.11 min Scan# 2318
 Delta R.T. 0.00 min
 Lab File: VY000055.D
 Acq: 17 Sep 2019 12:31

Tgt Ion:225 Resp: 68907
 Ion Ratio Lower Upper
 225 100
 223 65.2 31.9 95.5
 227 66.9 30.6 91.6





#95

Naphthalene

Concen: 98.967 ug/l

RT: 15.23 min Scan# 2339

Delta R.T. 0.00 min

Lab File: VY000055.D

Acq: 17 Sep 2019 12:31

Instrument :

MSVOA_Y

ClientSampleId :

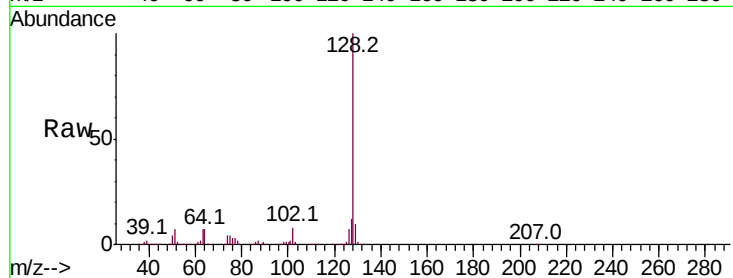
Tot Ion:128 Resp: 441043

Ion Ratio Lower Upper

128 100

127 12.2 10.3 15.5

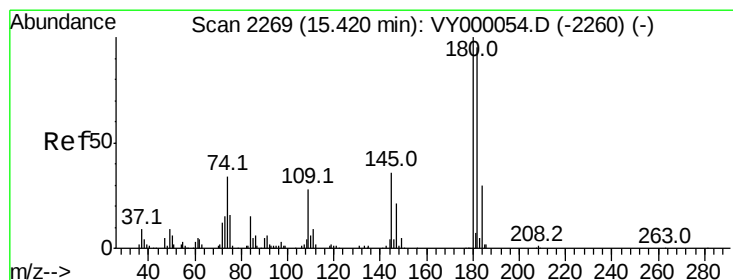
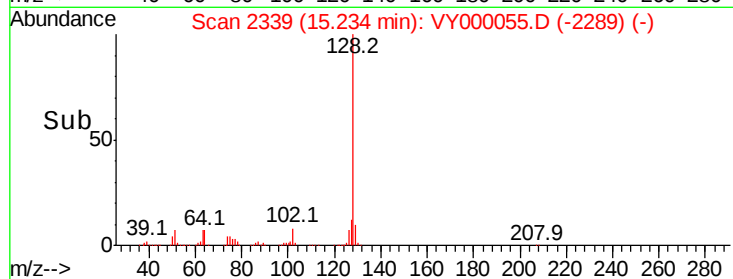
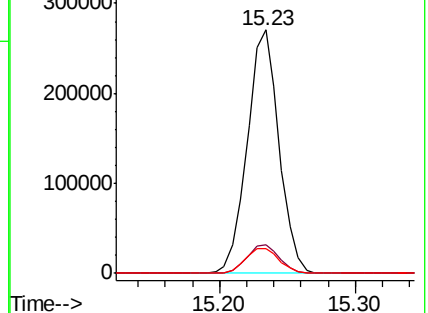
129 11.1 9.2 13.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 98.423 ug/l

RT: 15.42 min Scan# 2370

Delta R.T. 0.00 min

Lab File: VY000055.D

Acq: 17 Sep 2019 12:31

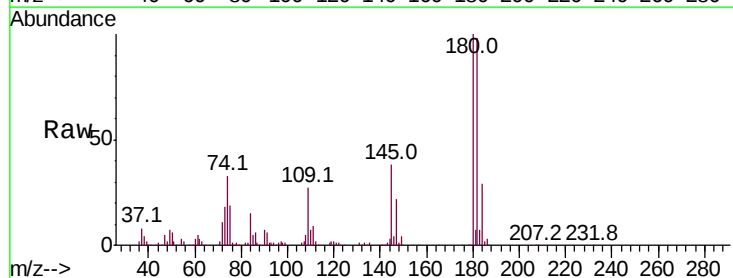
Tgt Ion:180 Resp: 144615

Ion Ratio Lower Upper

180 100

182 94.8 47.5 142.5

145 36.6 17.4 52.2



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

