

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY091319\
 Data File : VY000039.D
 Acq On : 13 Sep 2019 12:02
 Operator : SY/MD
 Sample : MDL3
 Misc : 5.00µl/5.00ml/MSVOA Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 13 12:41:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y091219S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 12 16:17:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.79	168	119465	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	234241	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	199921	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	85434	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	66788	51.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.80%	
35) Dibromofluoromethane	7.72	113	66291	49.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.66%	
50) Toluene-d8	10.18	98	275655	50.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.90%	
62) 4-Bromofluorobenzene	12.48	95	92828	47.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.40%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.90	85	4276	4.854 ug/l	85
3) Chloromethane	2.11	50	8195	Below Cal #	87
4) Vinyl Chloride	2.25	62	5603	4.194 ug/l	98
5) Bromomethane	2.63	94	4523	4.381 ug/l #	57
6) Chloroethane	2.78	64	3740	4.205 ug/l #	70
7) Trichlorofluoromethane	3.12	101	7341	4.229 ug/l	97
8) Diethyl Ether	3.54	74	2985	4.184 ug/l	90
9) 1,1,2-Trichlorotrifluoroet	3.89	101	4750	4.021 ug/l #	82
10) Methyl Iodide	4.09	142	3718	2.878 ug/l #	92
11) Tert butyl alcohol	4.96	59	1594	9.743 ug/l #	89
12) 1,1-Dichloroethene	3.87	96	5093	4.626 ug/l	81
13) Acrolein	3.73	56	2299	Below Cal	85
14) Allyl chloride	4.49	41	6344	3.711 ug/l	96
15) Acrylonitrile	5.17	53	7979	17.628 ug/l #	95
16) Acetone	3.95	43	6236	17.475 ug/l	95
17) Carbon Disulfide	4.18	76	10244	2.942 ug/l #	95
18) Methyl Acetate	4.48	43	4534	4.516 ug/l #	86
19) Methyl tert-butyl Ether	5.23	73	12001	3.599 ug/l #	74
20) Methylene Chloride	4.71	84	7750	2.540 ug/l #	93
21) trans-1,2-Dichloroethene	5.21	96	4545	3.728 ug/l #	87
22) Diisopropyl ether	6.12	45	13290	3.522 ug/l #	95
23) Vinyl Acetate	6.07	43	45033	17.251 ug/l #	92
24) 1,1-Dichloroethane	6.01	63	8134	3.637 ug/l	96
25) 2-Butanone	7.00	43	10175	17.544 ug/l #	85
26) 2,2-Dichloropropane	6.99	77	9581	4.612 ug/l	79
27) cis-1,2-Dichloroethene	6.99	96	6009	3.907 ug/l	88
28) Bromochloromethane	7.34	49	3670	3.574 ug/l #	99
29) Tetrahydrofuran	7.35	42	5748	16.660 ug/l #	59
30) Chloroform	7.51	83	8596	3.728 ug/l	88
31) Cyclohexane	7.77	56	9440	2.258 ug/l #	86
32) 1,1,1-Trichloroethane	7.71	97	6292	3.326 ug/l	95
36) 1,1-Dichloropropene	7.92	75	6712	3.903 ug/l	95
37) Ethyl Acetate	7.09	43	4948	4.266 ug/l #	78
38) Carbon Tetrachloride	7.90	117	5383	3.316 ug/l #	85

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY091319\
 Data File : VY000039.D
 Acq On : 13 Sep 2019 12:02
 Operator : SY/MD
 Sample : MDL3
 Misc : 5.00µl/5.00ml/MSVOA Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 13 12:41:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y091219S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 12 16:17:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.18	83	8402	3.954	ug/l	90
40) Benzene	8.16	78	19687	3.516	ug/l	98
41) Methacrylonitrile	7.31	41	1734	2.570	ug/l #	66
42) 1,2-Dichloroethane	8.23	62	5290	3.697	ug/l	95
43) Isopropyl Acetate	8.27	43	7401	3.293	ug/l	93
44) Trichloroethene	8.93	130	5120	3.662	ug/l	95
45) 1,2-Dichloropropane	9.21	63	5353	3.708	ug/l	98
46) Dibromomethane	9.31	93	2715	3.388	ug/l	90
47) Bromodichloromethane	9.49	83	6332	3.310	ug/l	97
48) Methyl methacrylate	9.29	41	3471	3.500	ug/l	96
49) 1,4-Dioxane	9.29	88	1093	65.134	ug/l #	70
51) 4-Methyl-2-Pentanone	10.07	43	19998	15.880	ug/l	97
52) Toluene	10.24	92	12772	3.630	ug/l	95
53) t-1,3-Dichloropropene	10.46	75	7189	3.575	ug/l #	87
54) cis-1,3-Dichloropropene	9.92	75	8014	3.425	ug/l	95
55) 1,1,2-Trichloroethane	10.65	97	4274	3.366	ug/l	87
56) Ethyl methacrylate	10.51	69	5618	3.153	ug/l	94
57) 1,3-Dichloropropane	10.79	76	6613	3.256	ug/l	90
58) 2-Chloroethyl Vinyl ether	9.78	63	15450	15.827	ug/l	94
59) 2-Hexanone	10.84	43	14383	15.849	ug/l	99
60) Dibromochloromethane	10.98	129	4488	3.354	ug/l	100
61) 1,2-Dibromoethane	11.09	107	3907	3.484	ug/l	95
64) Tetrachloroethene	10.72	164	4734	3.861	ug/l	93
65) Chlorobenzene	11.51	112	12385	3.251	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.59	131	4071	3.084	ug/l	92
67) Ethyl Benzene	11.59	91	23242	3.358	ug/l	96
68) m/p-Xylenes	11.70	106	18030	6.904	ug/l	98
69) o-Xylene	12.03	106	9076	3.546	ug/l	93
70) Styrene	12.04	104	15254	3.426	ug/l	96
71) Bromoform	12.21	173	2262	2.838	ug/l #	96
73) Isopropylbenzene	12.32	105	21412	3.280	ug/l	94
74) N-amyl acetate	12.14	43	6134	3.183	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.58	83	5006	3.207	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	7009	5.907	ug/l #	100
77) Bromobenzene	12.60	156	4729	3.425	ug/l	99
78) n-propylbenzene	12.66	91	28325	3.551	ug/l	95
79) 2-Chlorotoluene	12.75	91	15414	3.455	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	18744	3.439	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	2026	3.387	ug/l #	94
82) 4-Chlorotoluene	12.85	91	15585	3.329	ug/l	98
83) tert-Butylbenzene	13.07	119	15582	3.327	ug/l	93
84) 1,2,4-Trimethylbenzene	13.12	105	17380	3.228	ug/l	94
85) sec-Butylbenzene	13.25	105	23584	3.412	ug/l	97
86) p-Isopropyltoluene	13.37	119	19662	3.354	ug/l	97
87) 1,3-Dichlorobenzene	13.37	146	9506	3.421	ug/l	93
88) 1,4-Dichlorobenzene	13.44	146	9226	3.299	ug/l	89
89) n-Butylbenzene	13.69	91	20570	3.462	ug/l	96
90) Hexachloroethane	13.95	117	3728	3.182	ug/l	99
91) 1,2-Dichlorobenzene	13.73	146	8607	3.328	ug/l	92
92) 1,2-Dibromo-3-Chloropropan	14.35	75	1266	1.309	ug/l	76

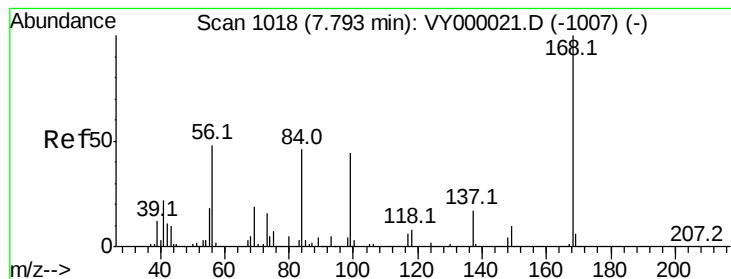
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY091319\
Data File : VY000039.D
Acq On : 13 Sep 2019 12:02
Operator : SY/MD
Sample : MDL3
Misc : 5.00µl/5.00ml/MSVOA Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Sep 13 12:41:36 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y091219S.M
Quant Title : SW846 8260
QLast Update : Thu Sep 12 16:17:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	5477	3.319	ug/l	90
94) Hexachlorobutadiene	15.10	225	2557	3.378	ug/l	96
95) Naphthalene	15.22	128	13942	3.088	ug/l	97
96) 1,2,3-Trichlorobenzene	15.42	180	4532	3.059	ug/l	93

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.79 min Scan# 1018

Delta R.T. -0.00 min

Lab File: VY000039.D

Acq: 13 Sep 2019 12:02

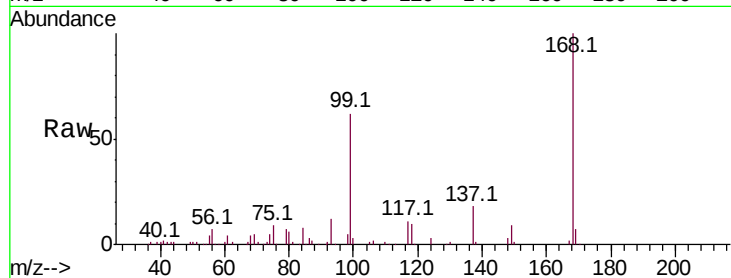
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:168 Resp: 119465

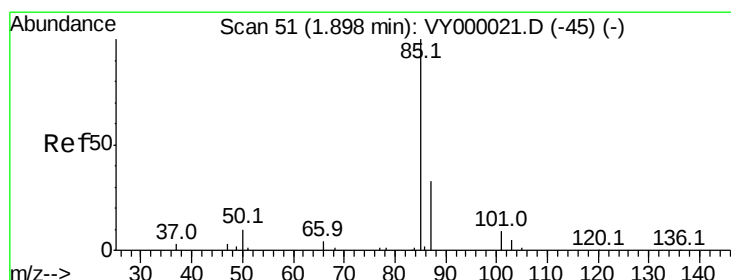
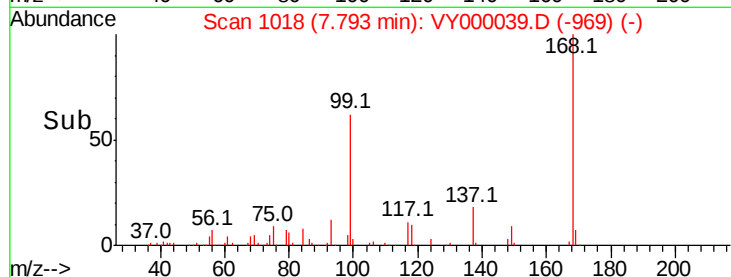
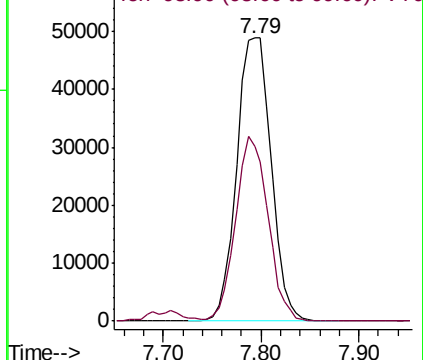
Ion Ratio Lower Upper

168 100

99 61.8 46.3 69.5



Abundance Ion 167.90 (167.60 to 168.60): VY000039.D (-969) (-)



#2

Dichlorodifluoromethane

Concen: 4.854 ug/l

RT: 1.90 min Scan# 51

Delta R.T. -0.00 min

Lab File: VY000039.D

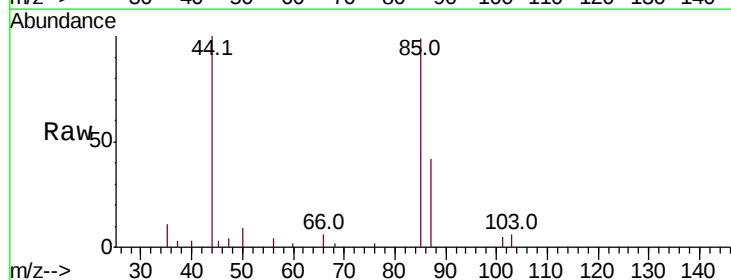
Acq: 13 Sep 2019 12:02

Tgt Ion: 85 Resp: 4276

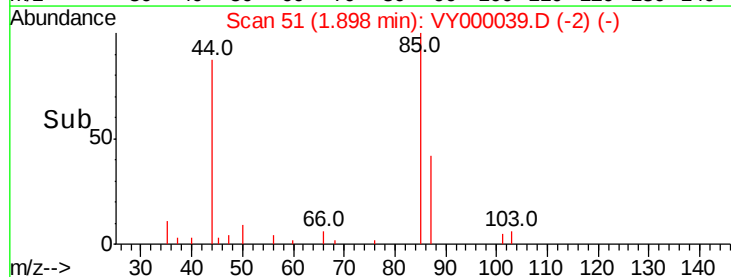
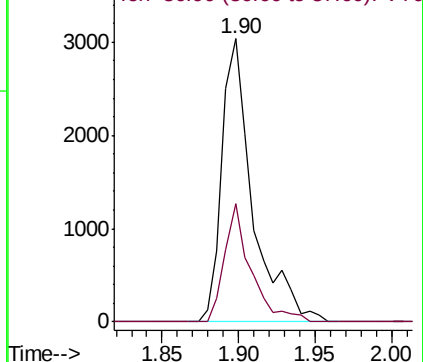
Ion Ratio Lower Upper

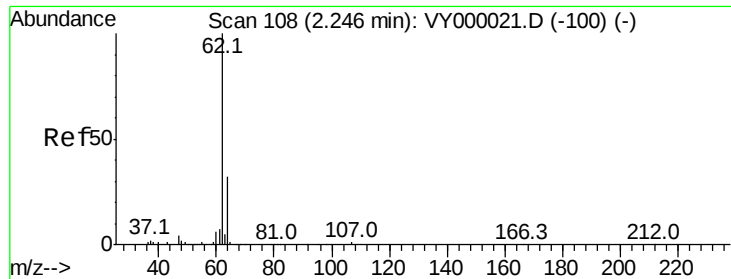
85 100

87 41.8 16.6 49.7



Abundance Ion 84.90 (84.60 to 85.60): VY000039.D (-2) (-)





#4

Vinyl Chloride

Concen: 4.194 ug/l

RT: 2.25 min Scan# 108

Delta R.T. -0.00 min

Lab File: VY000039.D

Acq: 13 Sep 2019 12:02

Instrument :

MSVOA_Y

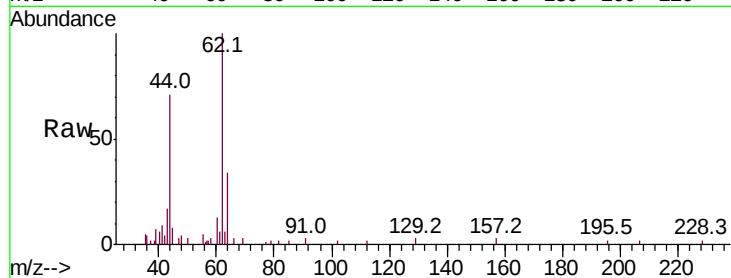
ClientSampleId :

Tot Ion: 62 Resp: 5603

Ion Ratio Lower Upper

62 100

64 33.9 26.1 39.1



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0

2.25

4000

3000

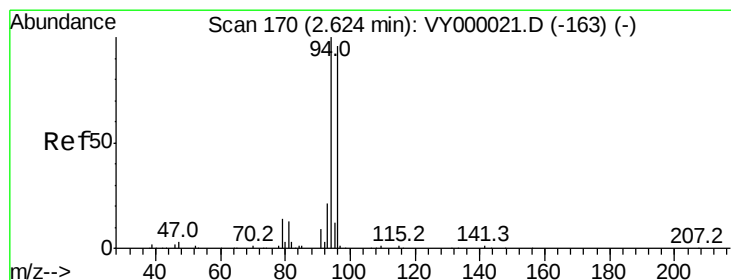
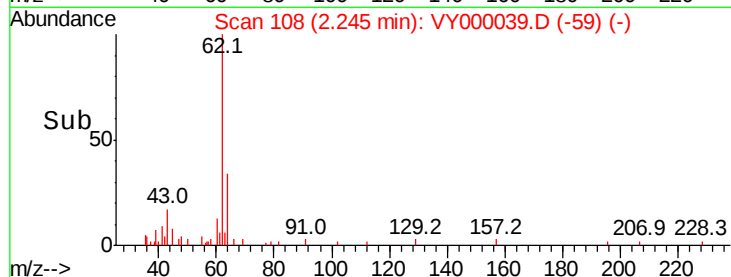
2000

1000

0

Time-->

2.20 2.25 2.30 2.35



#5

Bromomethane

Concen: 4.381 ug/l

RT: 2.63 min Scan# 171

Delta R.T. 0.01 min

Lab File: VY000039.D

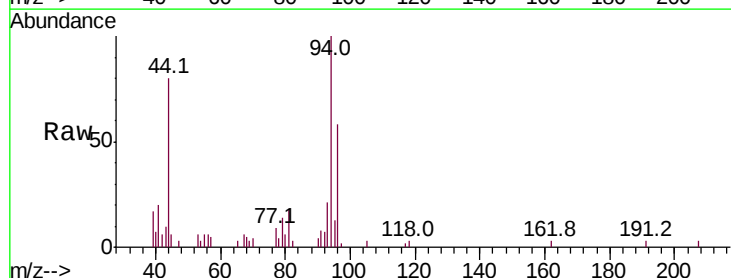
Acq: 13 Sep 2019 12:02

Tgt Ion: 94 Resp: 4523

Ion Ratio Lower Upper

94 100

96 53.9 76.8 115.2#



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0

2.63

2500

2000

1500

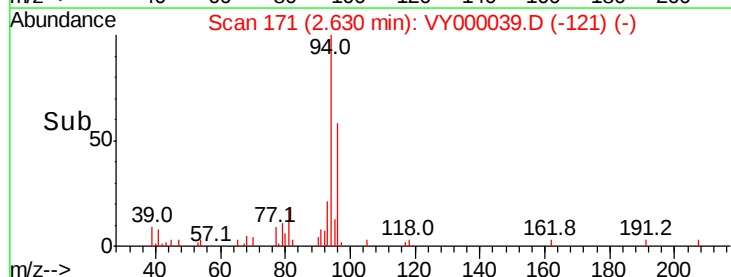
1000

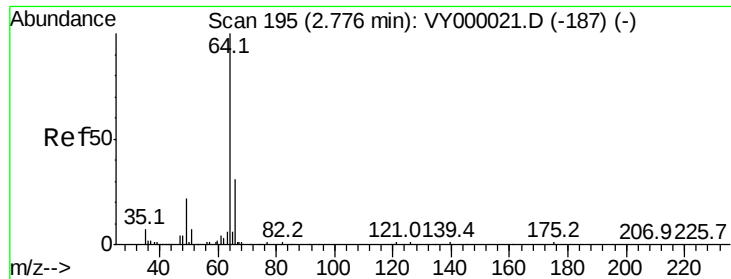
500

0

Time-->

2.50 2.60 2.70





#6

Chloroethane

Concen: 4.205 ug/l

RT: 2.78 min Scan# 196

Delta R.T. 0.01 min

Lab File: VY000039.D

Acq: 13 Sep 2019 12:02

Instrument :

MSVOA_Y

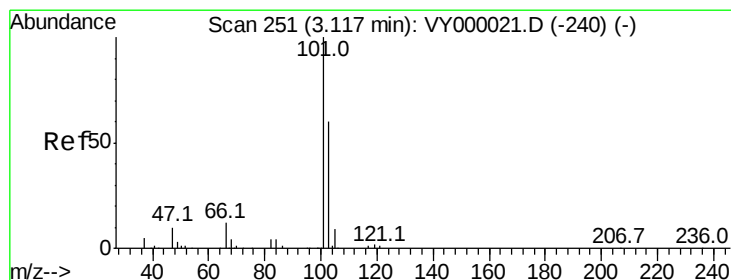
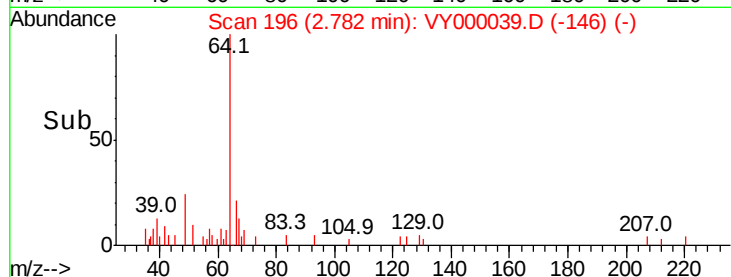
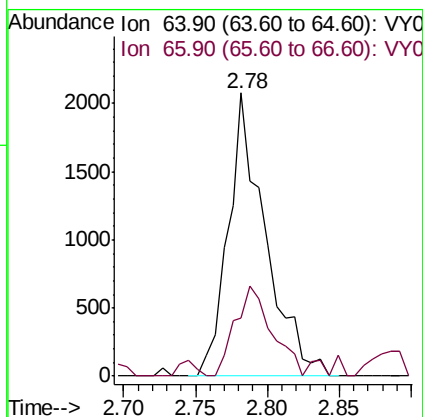
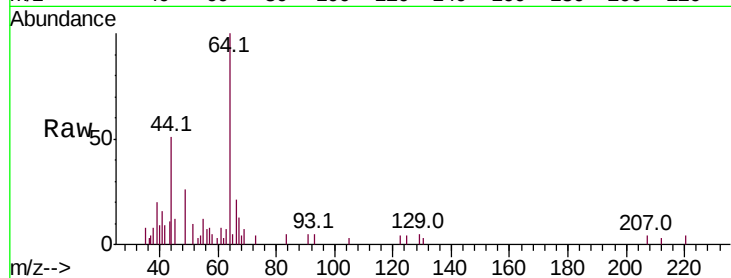
ClientSampleId :

Tot Ion: 64 Resp: 3740

Ion Ratio Lower Upper

64 100

66 14.9 25.0 37.6#



#7

Trichlorofluoromethane

Concen: 4.229 ug/l

RT: 3.12 min Scan# 251

Delta R.T. -0.00 min

Lab File: VY000039.D

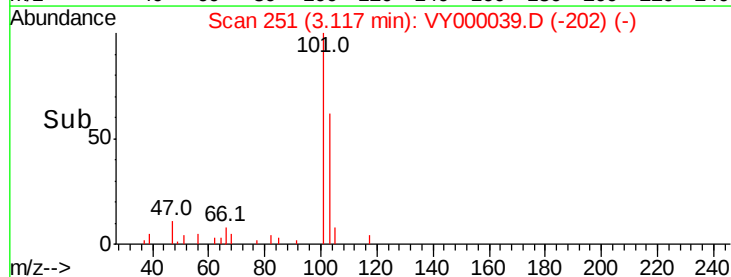
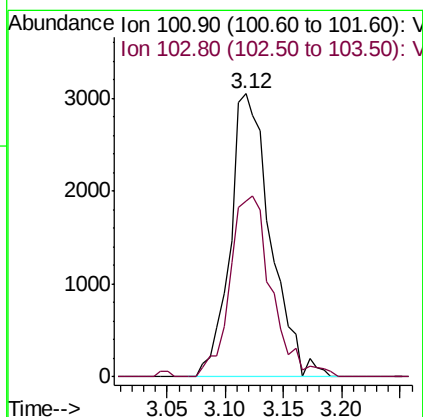
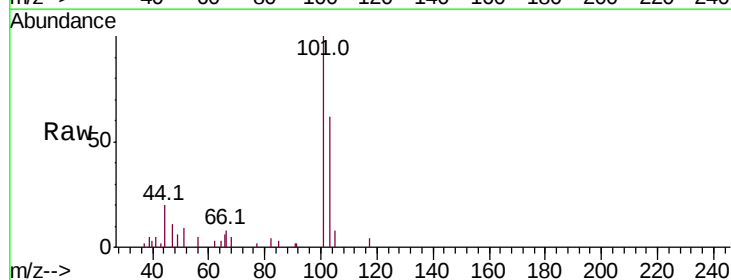
Acq: 13 Sep 2019 12:02

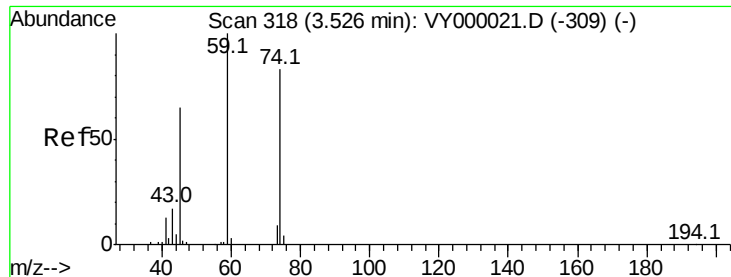
Tgt Ion: 101 Resp: 7341

Ion Ratio Lower Upper

101 100

103 62.3 48.1 72.1





#8

Diethyl Ether

Concen: 4.184 ug/l

RT: 3.54 min Scan# 320

Delta R.T. 0.01 min

Lab File: VY000039.D

Acq: 13 Sep 2019 12:02

Instrument :

MSVOA_Y

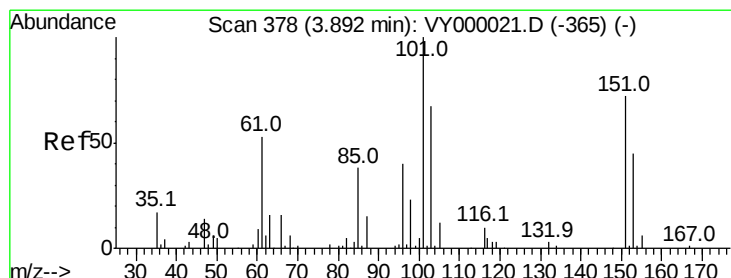
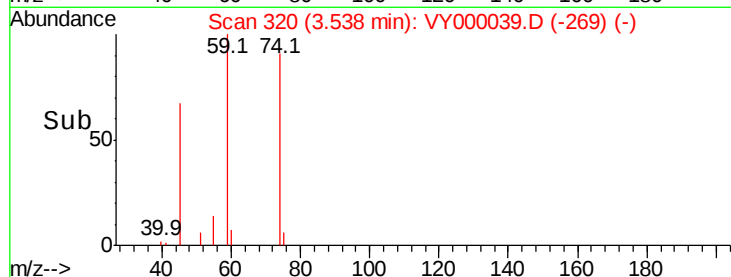
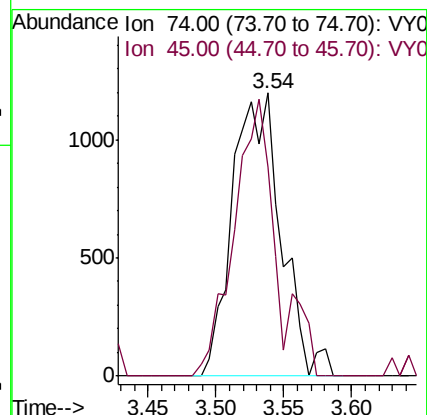
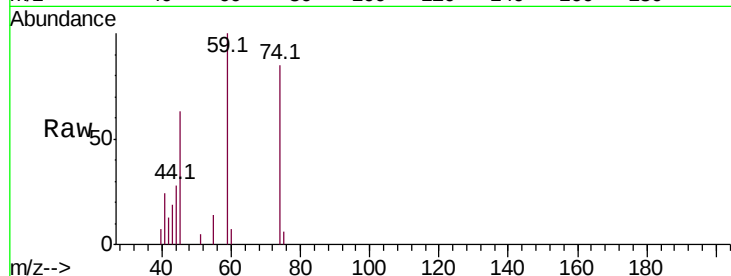
ClientSampled :

Tot Ion: 74 Resp: 2985

Ion Ratio Lower Upper

74 100

45 74.6 41.9 125.6



#9

1,1,2-Trichlorotrifluoroethane

Concen: 4.021 ug/l

RT: 3.89 min Scan# 378

Delta R.T. -0.00 min

Lab File: VY000039.D

Acq: 13 Sep 2019 12:02

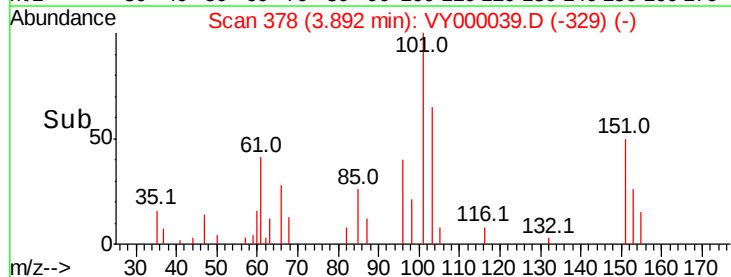
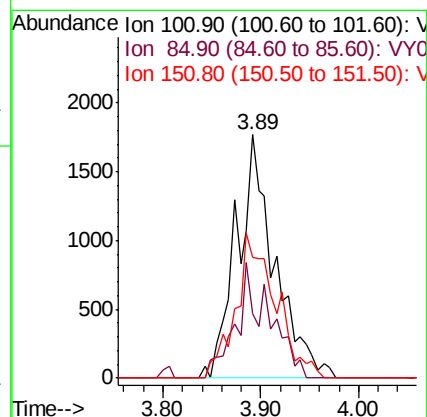
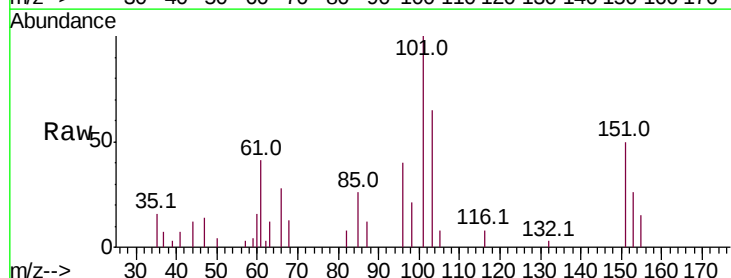
Tgt Ion: 101 Resp: 4750

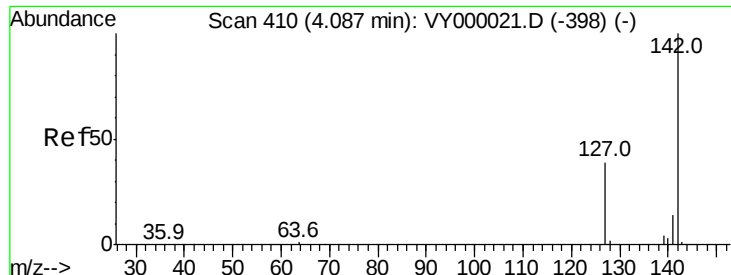
Ion Ratio Lower Upper

101 100

85 24.1 35.3 52.9#

151 62.4 55.9 83.9

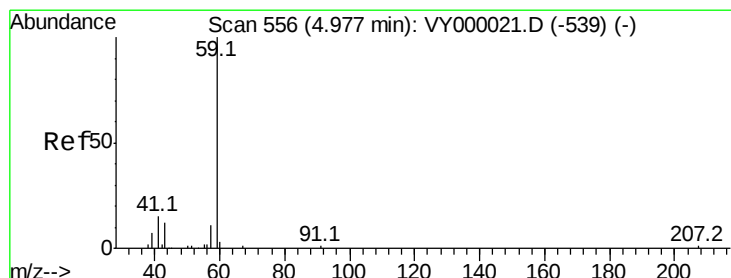
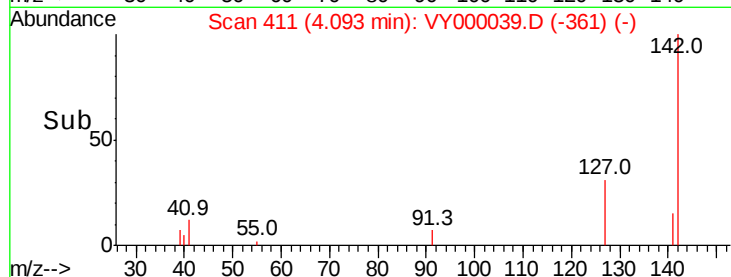
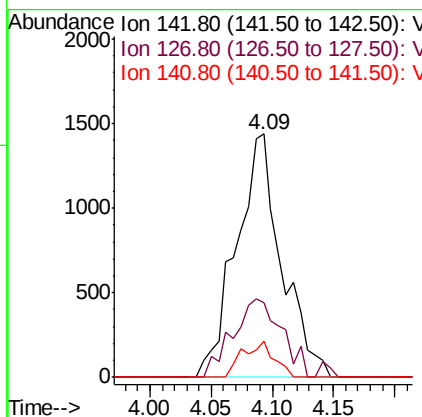
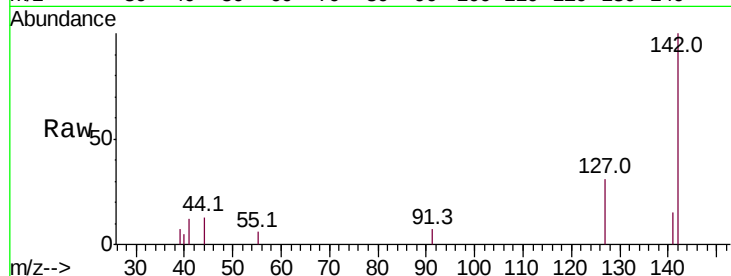




#10
Methvl Iodide
Concen: 2.878 ug/l
RT: 4.09 min Scan# 411
Delta R.T. 0.01 min
Lab File: VY000039.D
Acq: 13 Sep 2019 12:02

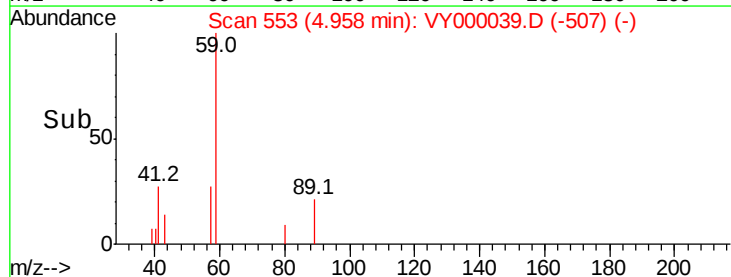
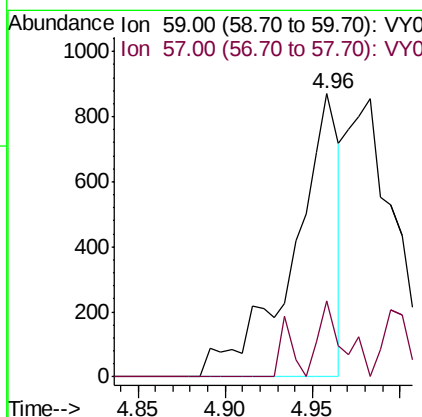
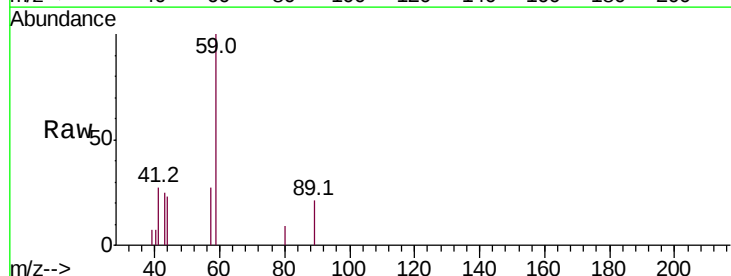
Instrument :
MSVOA_Y
ClientSampleId :

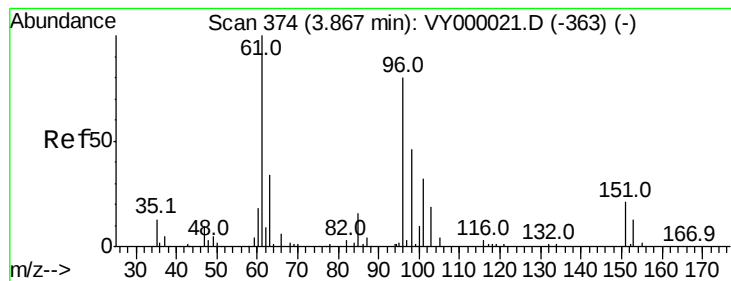
Tot Ion:142 Resp: 3718
Ion Ratio Lower Upper
142 100
127 34.7 31.4 47.2
141 10.2 10.6 16.0#



#11
Tert butyl alcohol
Concen: 9.743 ug/l
RT: 4.96 min Scan# 553
Delta R.T. -0.02 min
Lab File: VY000039.D
Acq: 13 Sep 2019 12:02

Tgt Ion: 59 Resp: 1594
Ion Ratio Lower Upper
59 100
57 14.6 8.3 12.5#





#12

1,1-Dichloroethene

Concen: 4.626 ug/l

RT: 3.87 min Scan# 375

Delta R.T. 0.01 min

Lab File: VY000039.D

Acq: 13 Sep 2019 12:02

Instrument :
MSVOA_Y
ClientSampled :

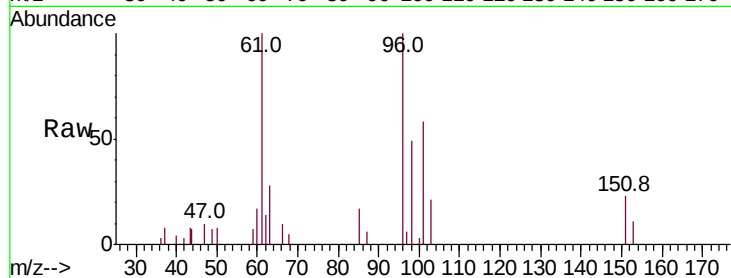
Tot Ion: 96 Resp: 5093

Ion Ratio Lower Upper

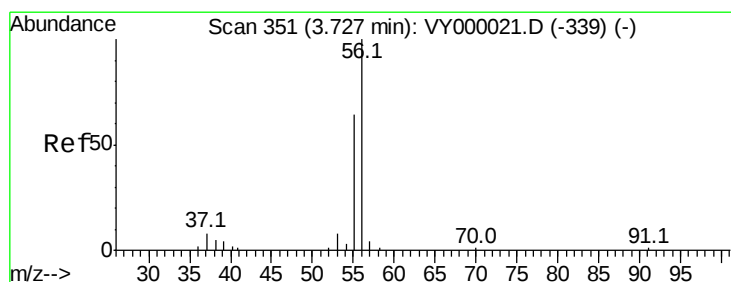
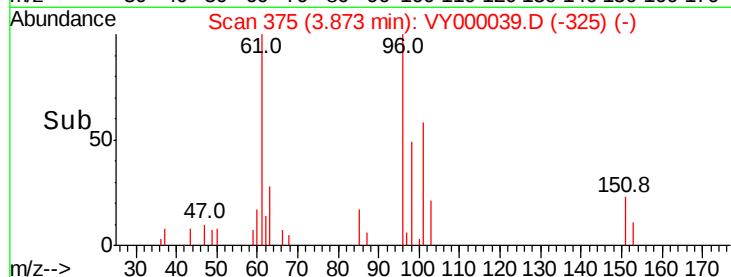
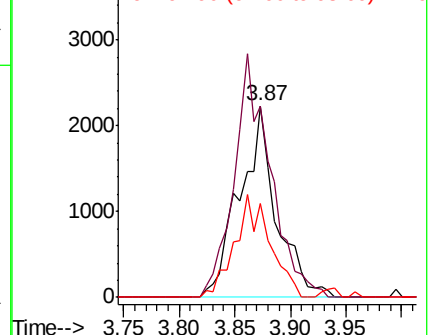
96 100

61 99.8 99.8 149.6

98 49.3 46.3 69.5



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



#13

Acrolein

Concen: Below Cal

RT: 3.73 min Scan# 352

Delta R.T. 0.01 min

Lab File: VY000039.D

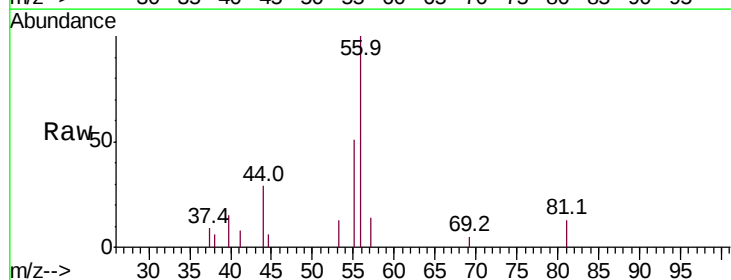
Acq: 13 Sep 2019 12:02

Tgt Ion: 56 Resp: 2299

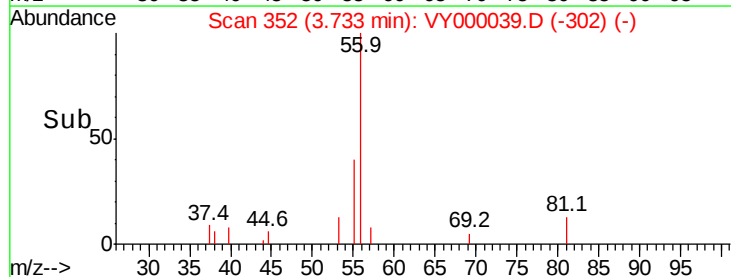
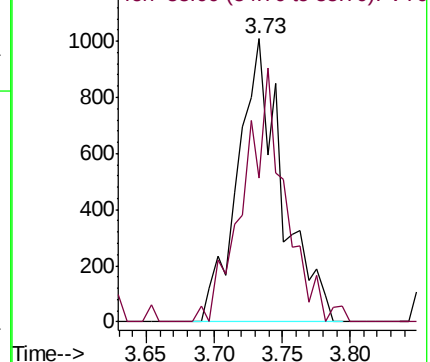
Ion Ratio Lower Upper

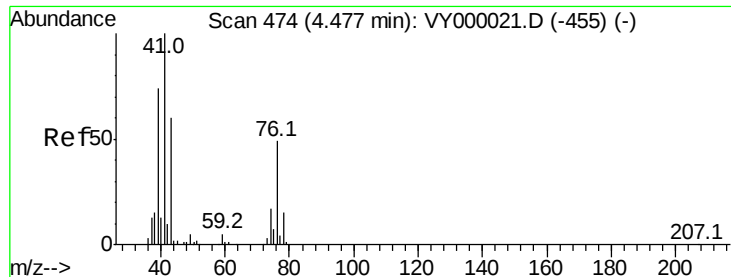
56 100

55 83.3 56.7 85.1



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





#14

Allvl chloride

Concen: 3.711 ug/l

RT: 4.49 min Scan# 476

Delta R.T. 0.01 min

Lab File: VY000039.D

Acq: 13 Sep 2019 12:02

Instrument :

MSVOA_Y

ClientSampleId :

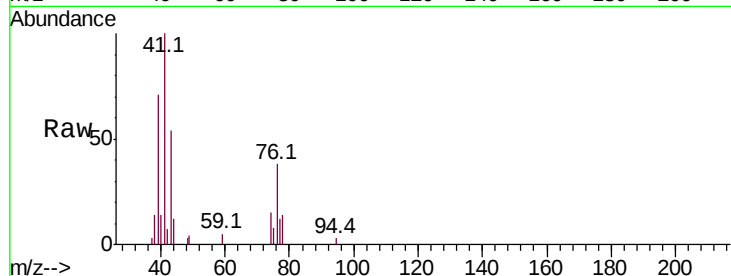
Tot Ion: 41 Resp: 6344

Ion Ratio Lower Upper

41 100

39 69.2 53.1 79.7

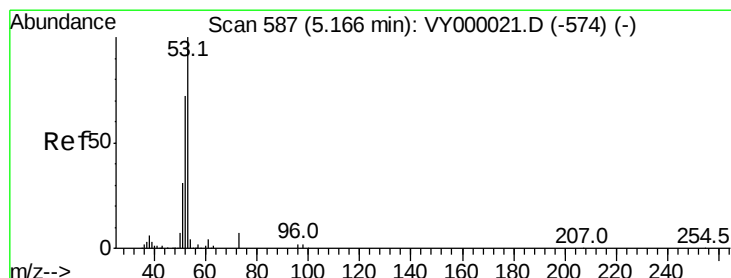
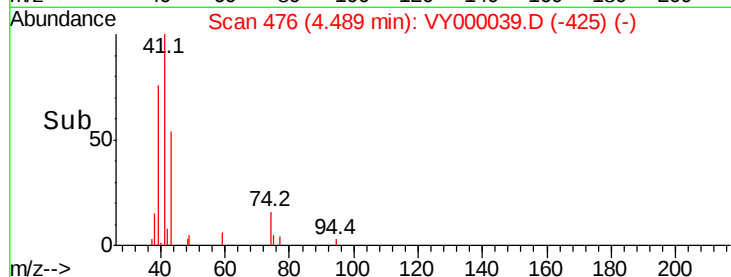
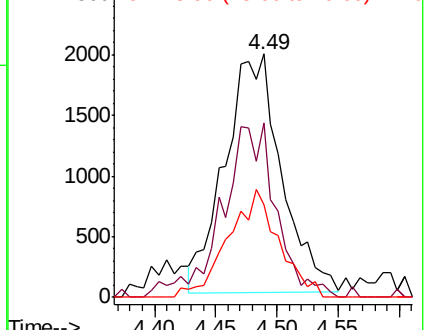
76 40.3 34.9 52.3



Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0



#15

Acrylonitrile

Concen: 17.628 ug/l

RT: 5.17 min Scan# 588

Delta R.T. 0.01 min

Lab File: VY000039.D

Acq: 13 Sep 2019 12:02

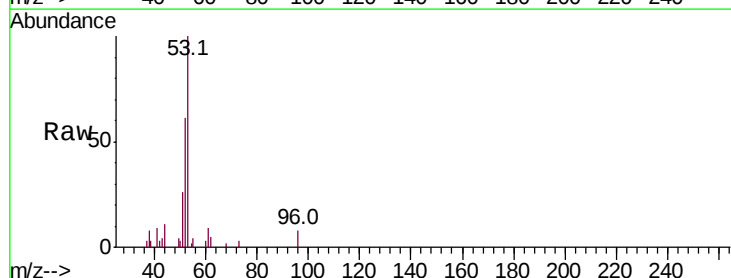
Tgt Ion: 53 Resp: 7979

Ion Ratio Lower Upper

53 100

52 76.9 62.8 94.2

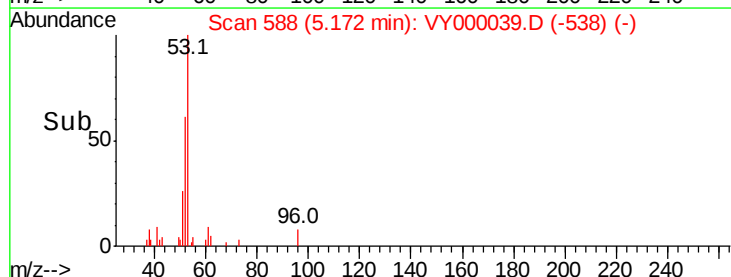
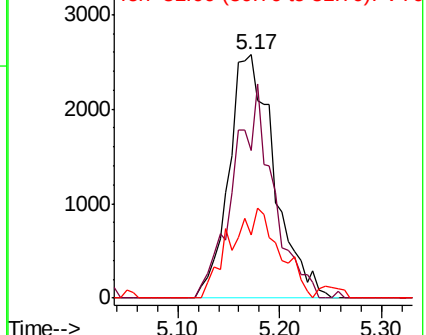
51 40.2 26.6 40.0#

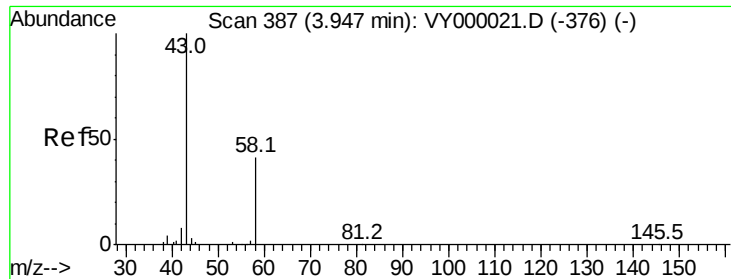


Abundance Ion 53.00 (52.70 to 53.70): VY0

Ion 52.00 (51.70 to 52.70): VY0

Ion 51.00 (50.70 to 51.70): VY0





#16

Acetone

Concen: 17.475 ug/l

RT: 3.95 min Scan# 388

Delta R.T. 0.01 min

Lab File: VY000039.D

Acq: 13 Sep 2019 12:02

Instrument :

MSVOA_Y

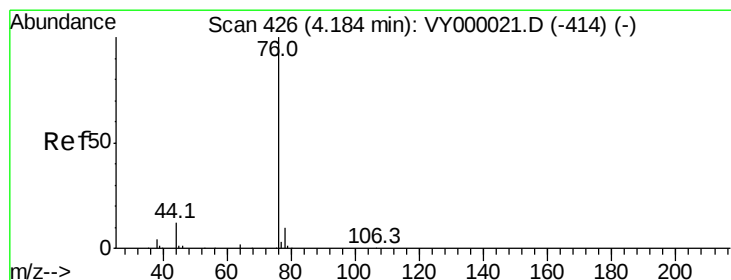
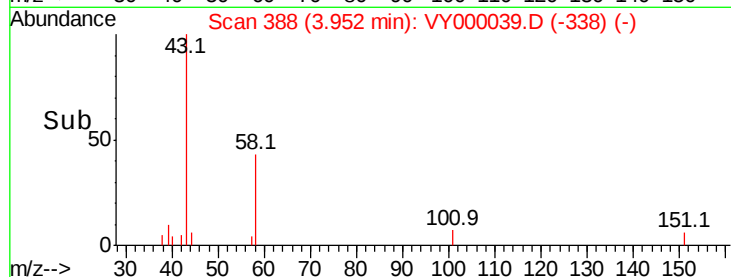
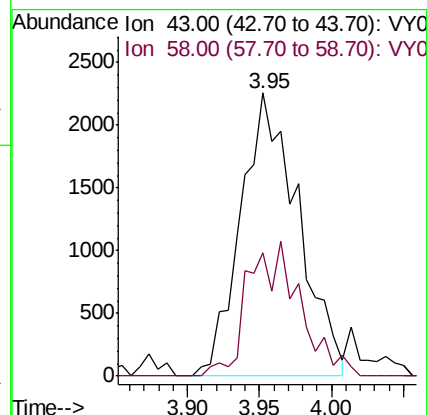
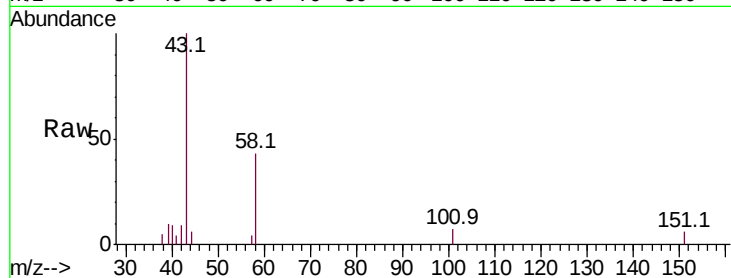
ClientSampled :

Tot Ion: 43 Resp: 6236

Ion Ratio Lower Upper

43 100

58 43.4 32.5 48.7



#17

Carbon Disulfide

Concen: 2.942 ug/l

RT: 4.18 min Scan# 426

Delta R.T. 0.00 min

Lab File: VY000039.D

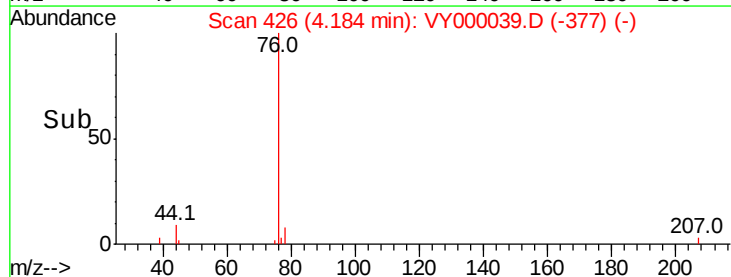
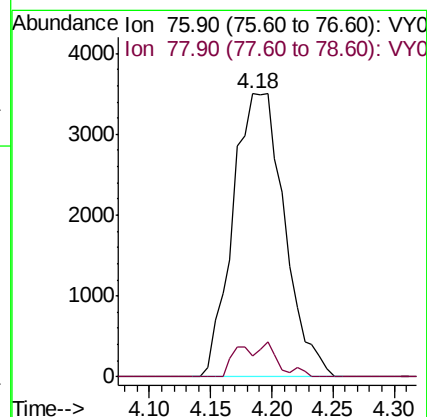
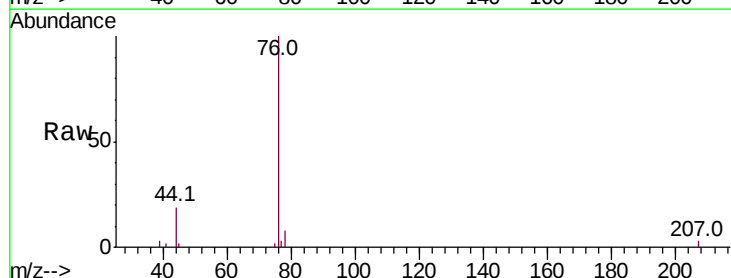
Acq: 13 Sep 2019 12:02

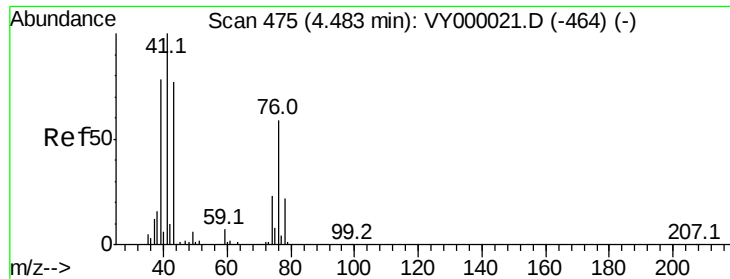
Tgt Ion: 76 Resp: 10244

Ion Ratio Lower Upper

76 100

78 7.5 7.6 11.4#

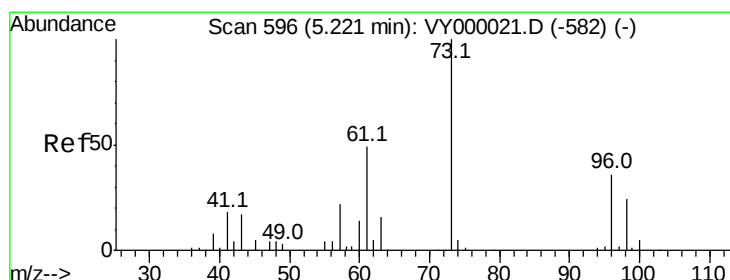
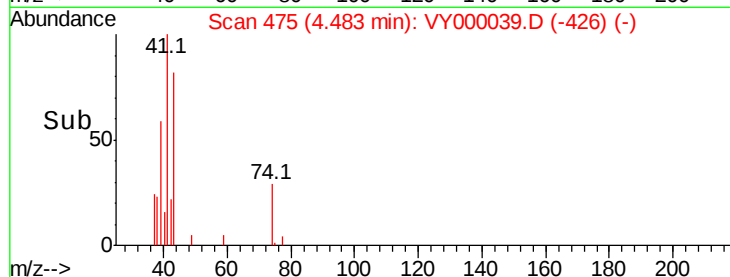
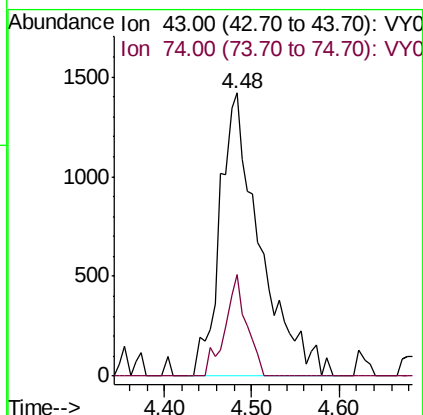
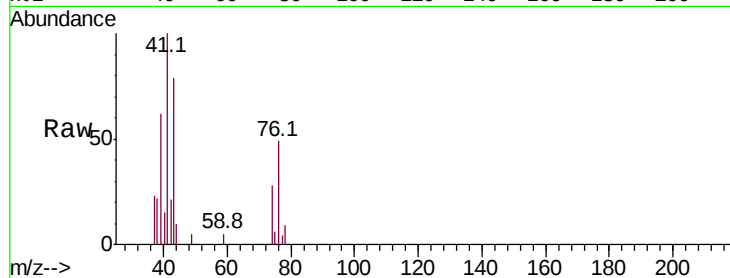




#18
Methyl Acetate
Concen: 4.516 ug/l
RT: 4.48 min Scan# 475
Delta R.T. -0.00 min
Lab File: VY000039.D
Acq: 13 Sep 2019 12:02

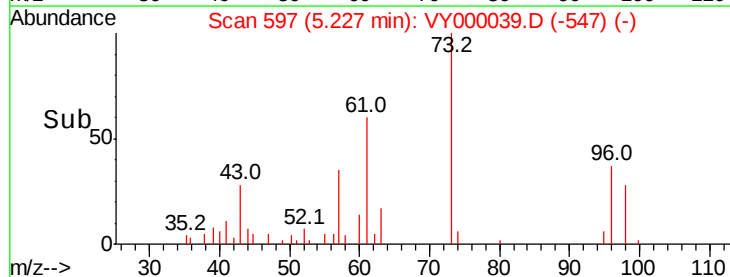
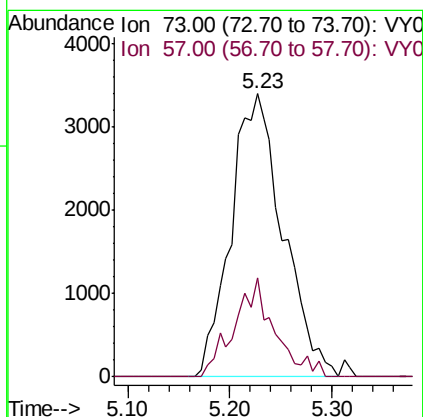
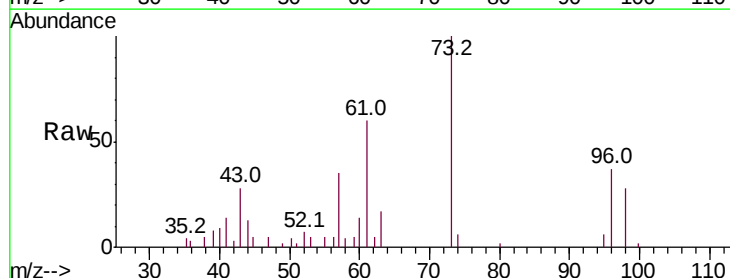
Instrument :
MSVOA_Y
ClientSampleId :

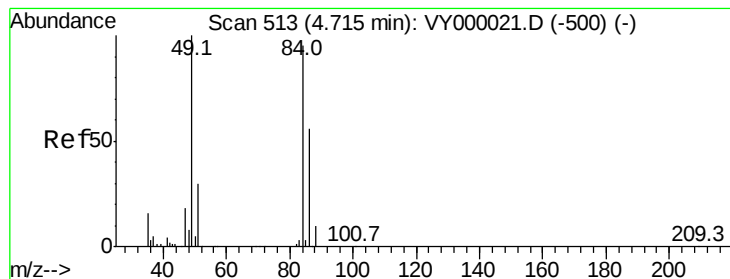
Tot Ion: 43 Resp: 4534
Ion Ratio Lower Upper
43 100
74 19.3 21.4 32.0#



#19
Methyl tert-butyl Ether
Concen: 3.599 ug/l
RT: 5.23 min Scan# 597
Delta R.T. 0.01 min
Lab File: VY000039.D
Acq: 13 Sep 2019 12:02

Tgt Ion: 73 Resp: 12001
Ion Ratio Lower Upper
73 100
57 34.9 17.8 26.8#





#20

Methylene Chloride

Concen: 2.540 ug/l

RT: 4.71 min Scan# 513

Delta R.T. 0.00 min

Lab File: VY000039.D

Acq: 13 Sep 2019 12:02

Instrument :

MSVOA_Y

ClientSampleId :

Tot Ion: 84 Resp: 7750

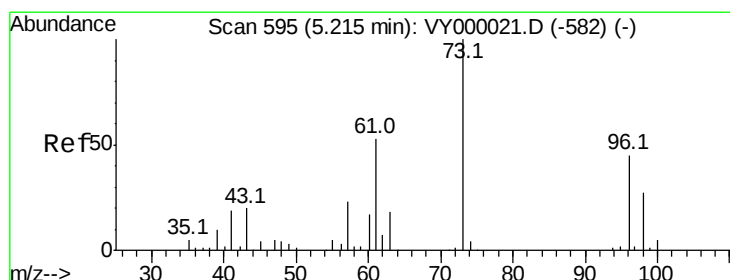
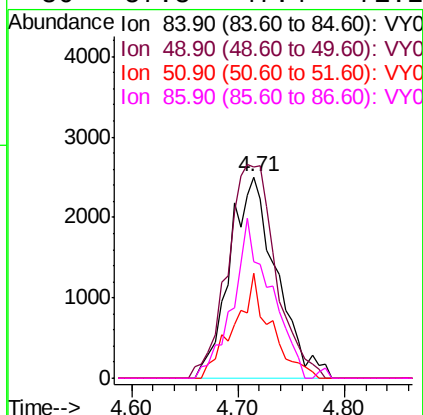
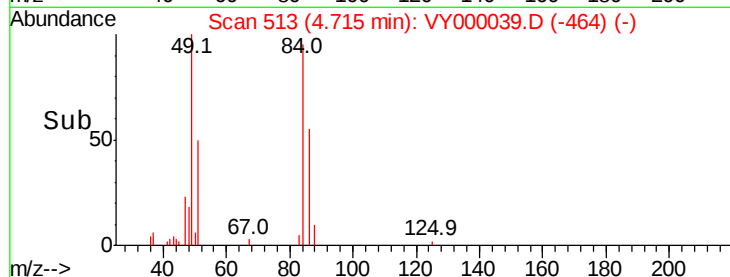
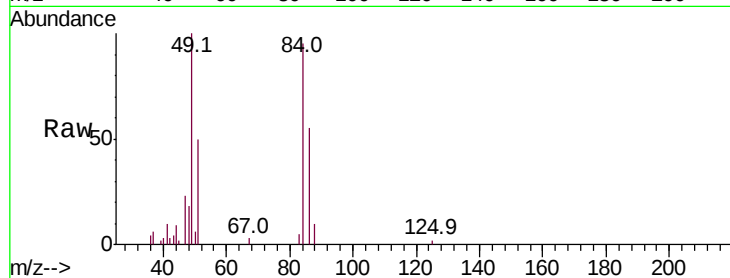
Ion	Ratio	Lower	Upper
84	100		
49	104.9	84.4	126.6
51	52.0	25.4	38.0
86	57.8	47.4	71.2

84 100

49 104.9 84.4 126.6

51 52.0 25.4 38.0

86 57.8 47.4 71.2



#21

trans-1,2-Dichloroethene

Concen: 3.728 ug/l

RT: 5.21 min Scan# 595

Delta R.T. -0.00 min

Lab File: VY000039.D

Acq: 13 Sep 2019 12:02

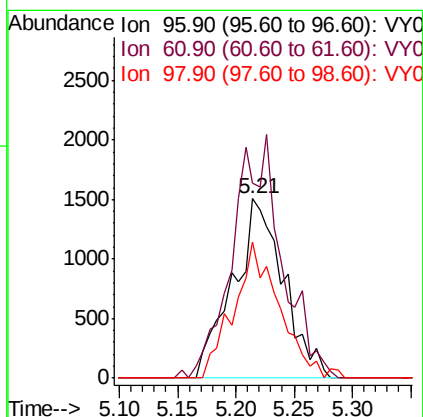
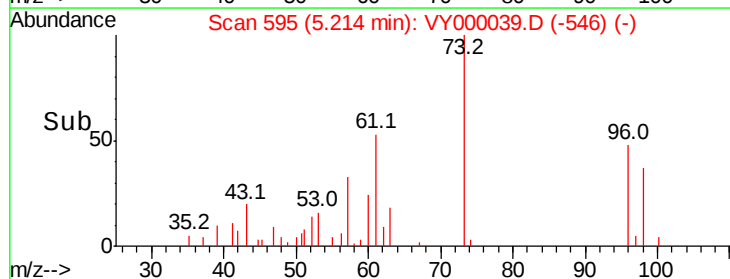
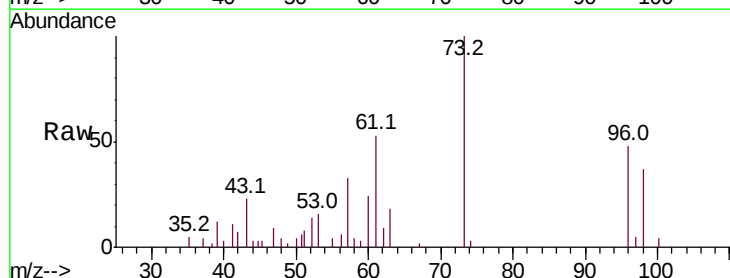
Tgt Ion: 96 Resp: 4545

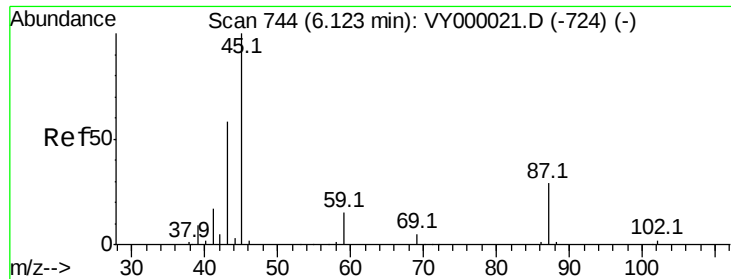
Ion	Ratio	Lower	Upper
96	100		
61	108.6	95.3	142.9
98	75.9	48.7	73.1

96 100

61 108.6 95.3 142.9

98 75.9 48.7 73.1





#22

Diisopropyl ether

Concen: 3.522 ug/l

RT: 6.12 min Scan# 743

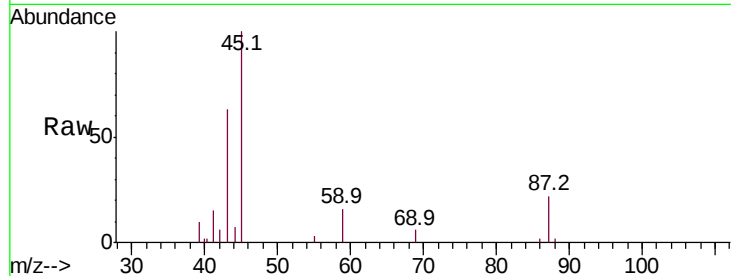
Delta R.T. -0.01 min

Lab File: VY000039.D

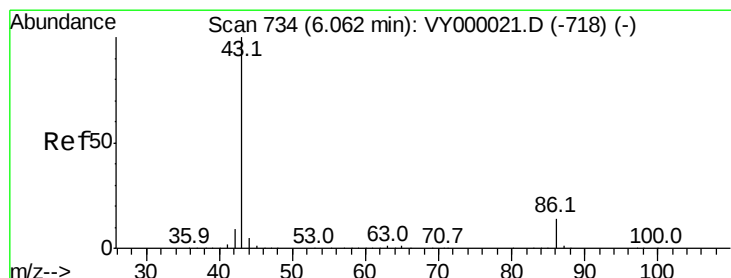
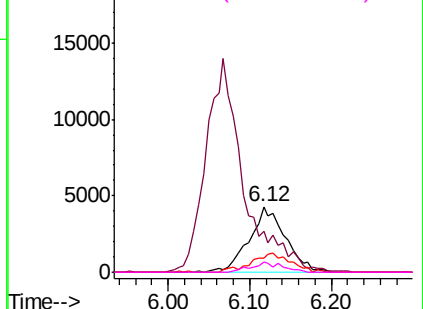
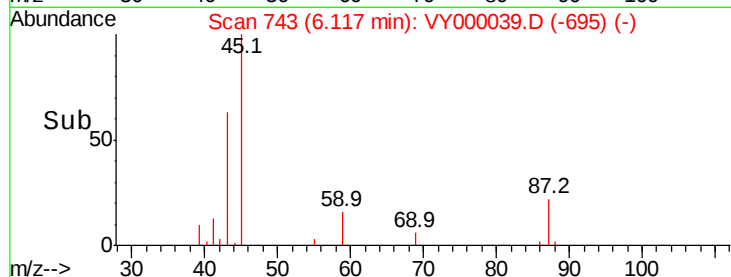
Acq: 13 Sep 2019 12:02

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:	45	Resp:	13290
Ion	Ratio	Lower	Upper
45	100		
43	60.2	47.0	70.4
87	22.0	23.1	34.7#
59	16.1	11.8	17.6



Abundance Ion 45.00 (44.70 to 45.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 87.00 (86.70 to 87.70): VY0
Ion 59.00 (58.70 to 59.70): VY0



#23

Vinyl Acetate

Concen: 17.251 ug/l

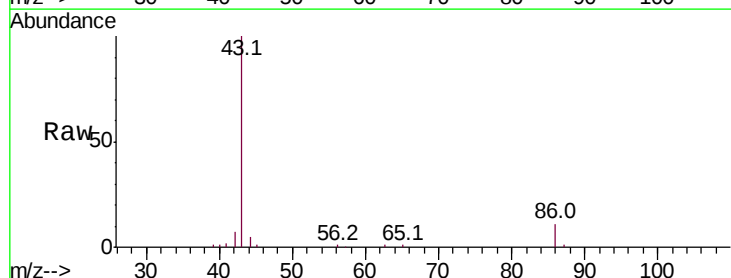
RT: 6.07 min Scan# 735

Delta R.T. 0.01 min

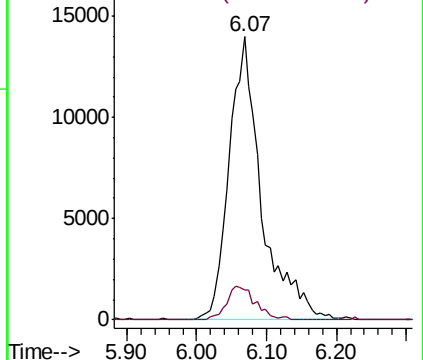
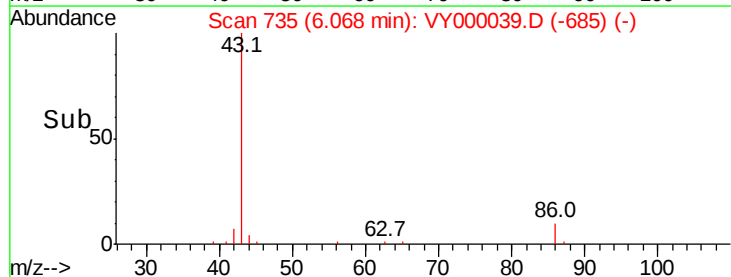
Lab File: VY000039.D

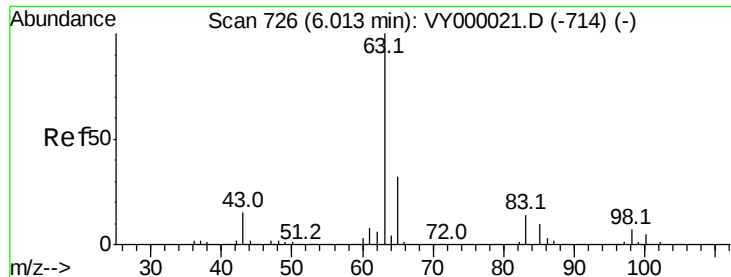
Acq: 13 Sep 2019 12:02

Tgt Ion:	43	Resp:	45033
Ion	Ratio	Lower	Upper
43	100		
86	10.5	11.0	16.4#



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





#24

1,1-Dichloroethane

Concen: 3.637 ug/l

RT: 6.01 min Scan# 726

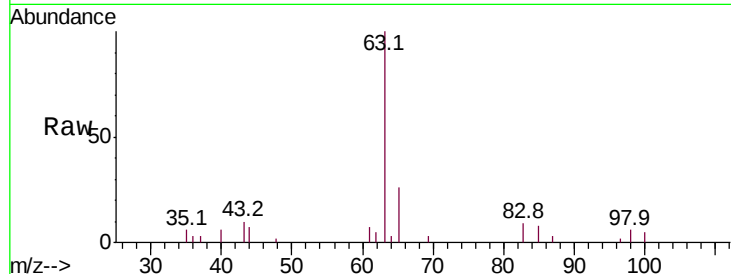
Delta R.T. -0.00 min

Lab File: VY000039.D

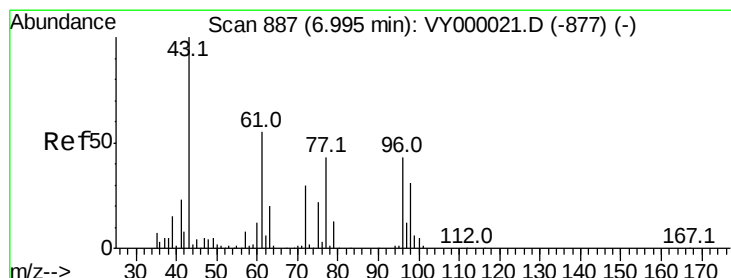
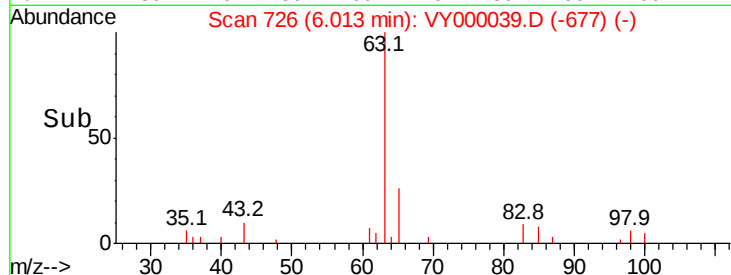
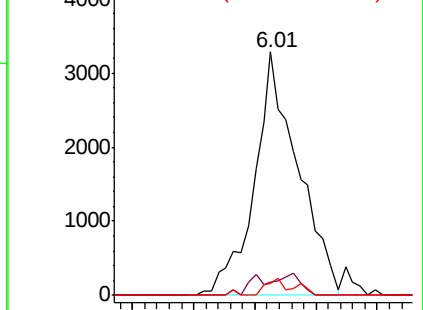
Acq: 13 Sep 2019 12:02

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:	63	Resp:	8134
Ion	Ratio	Lower	Upper
63	100		
98	5.6	3.8	11.2
100	5.0	2.6	8.0



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



#25

2-Butanone

Concen: 17.544 ug/l

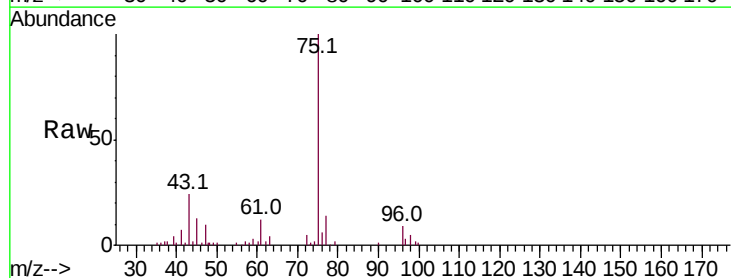
RT: 7.00 min Scan# 888

Delta R.T. 0.01 min

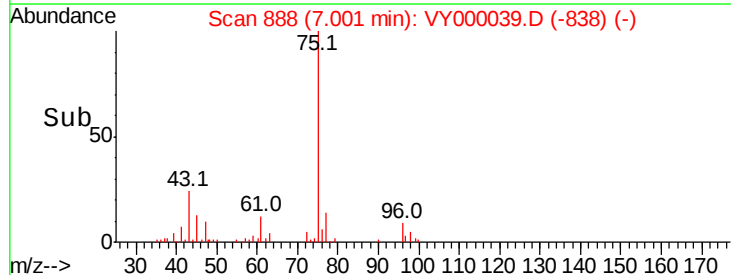
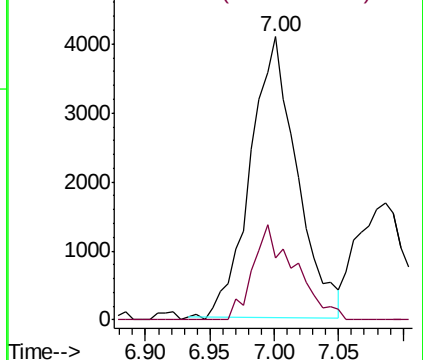
Lab File: VY000039.D

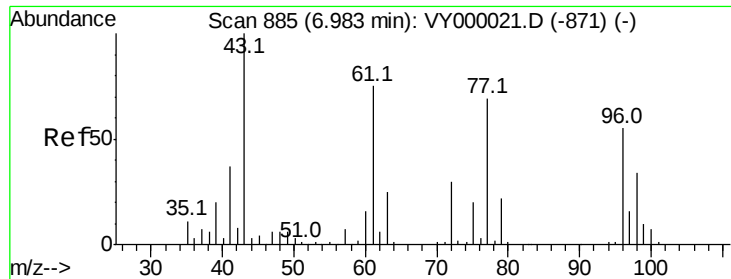
Acq: 13 Sep 2019 12:02

Tgt Ion:	43	Resp:	10175
Ion	Ratio	Lower	Upper
43	100		
72	22.0	24.1	36.1#



Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 72.00 (71.70 to 72.70): VY0





#26

2,2-Dichloropropane

Concen: 4.612 ug/l

RT: 6.99 min Scan# 886

Delta R.T. 0.01 min

Lab File: VY000039.D

Acq: 13 Sep 2019 12:02

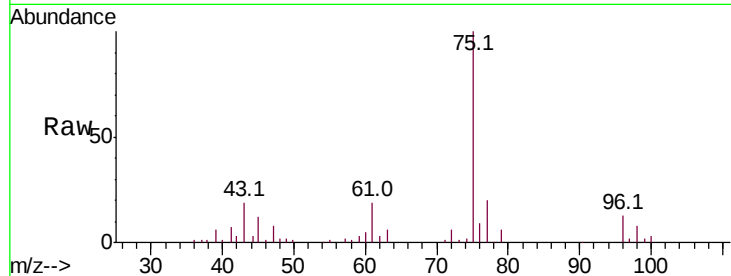
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 77 Resp: 9581

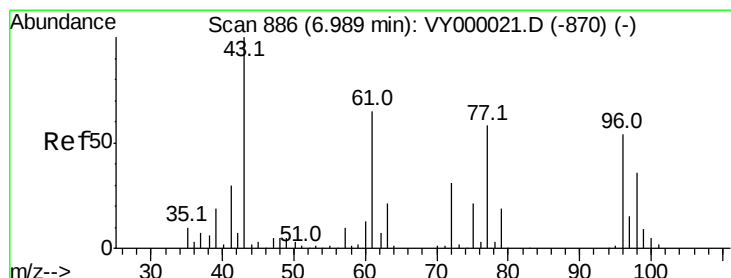
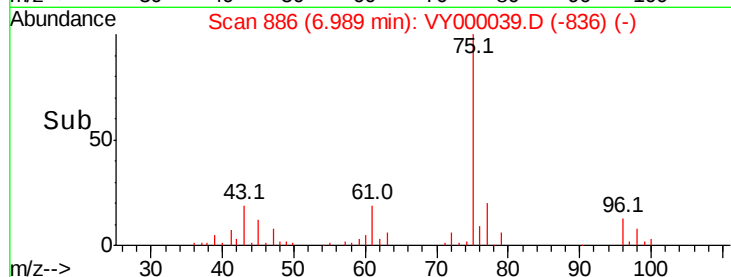
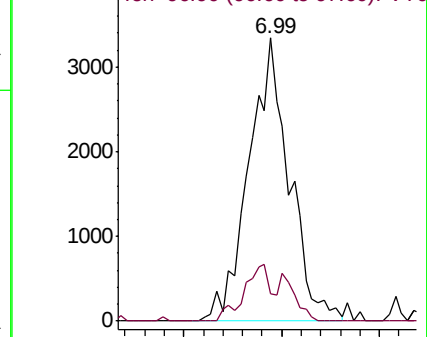
Ion Ratio Lower Upper

77 100

97 13.6 12.0 36.1



Abundance Ion 76.90 (76.60 to 77.60): VY0
Ion 96.90 (96.60 to 97.60): VY0



#27

cis-1,2-Dichloroethene

Concen: 3.907 ug/l

RT: 6.99 min Scan# 886

Delta R.T. -0.00 min

Lab File: VY000039.D

Acq: 13 Sep 2019 12:02

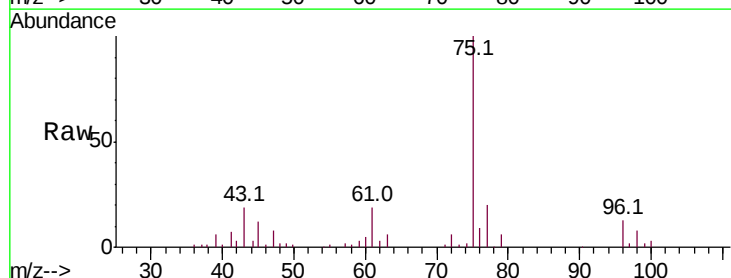
Tgt Ion: 96 Resp: 6009

Ion Ratio Lower Upper

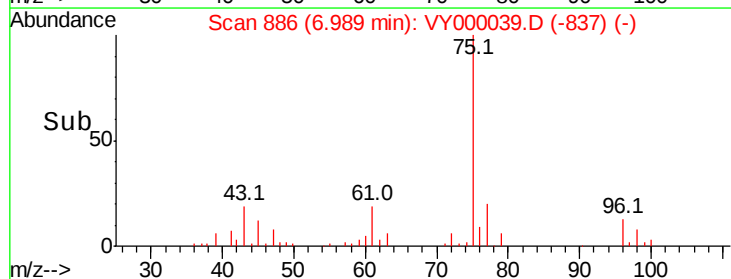
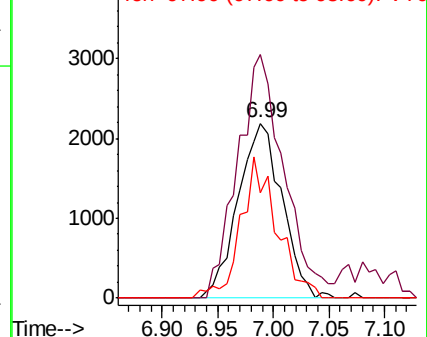
96 100

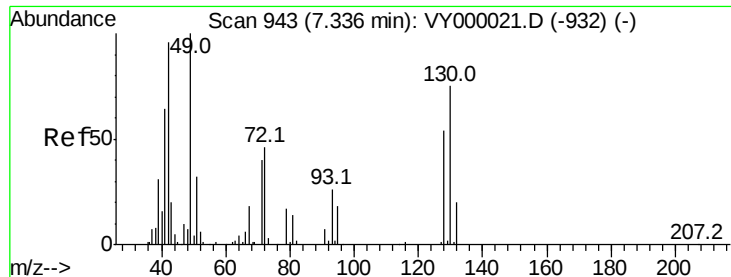
61 147.6 0.0 259.2

98 66.6 0.0 127.4



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





#28

Bromochloromethane

Concen: 3.574 ug/l

RT: 7.34 min Scan# 943

Delta R.T. -0.00 min

Lab File: VY000039.D

Acq: 13 Sep 2019 12:02

Instrument :
MSVOA_Y
ClientSampled :

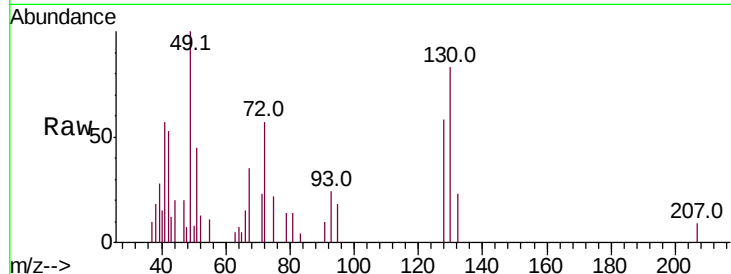
Tot Ion: 49 Resp: 3670

Ion Ratio Lower Upper

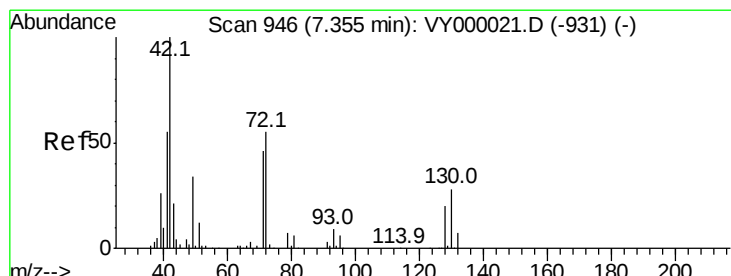
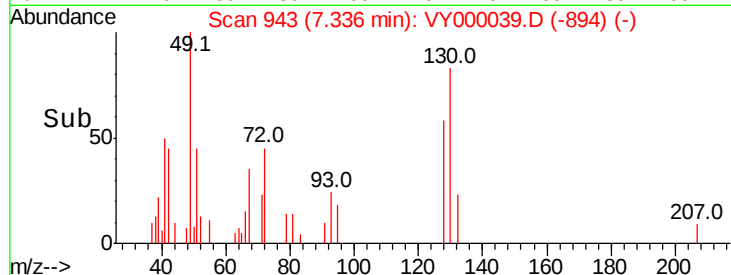
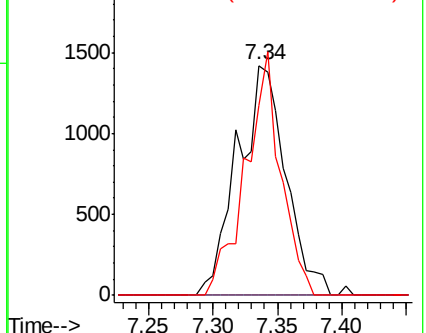
49 100

129 0.0 0.0 1.8

130 77.0 62.5 93.7



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



#29

Tetrahydrofuran

Concen: 16.660 ug/l

RT: 7.35 min Scan# 945

Delta R.T. -0.01 min

Lab File: VY000039.D

Acq: 13 Sep 2019 12:02

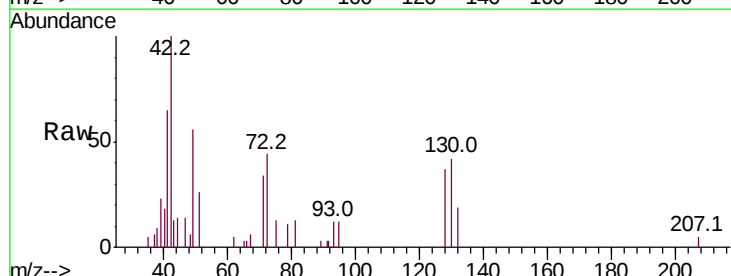
Tgt Ion: 42 Resp: 5748

Ion Ratio Lower Upper

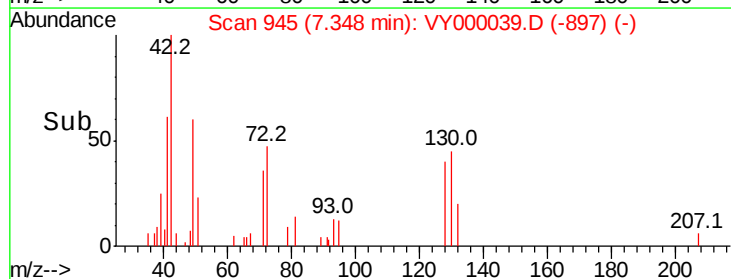
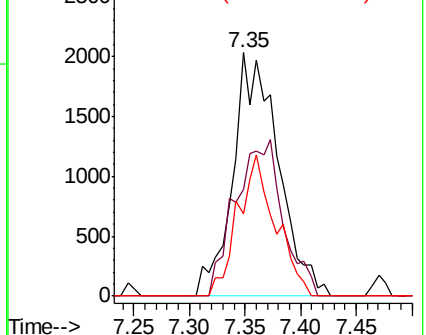
42 100

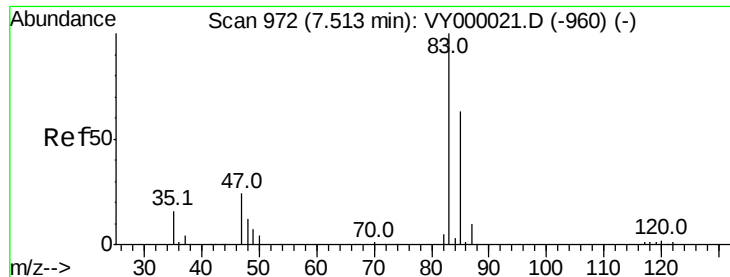
72 0.0 41.1 61.7#

71 48.0 36.5 54.7



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

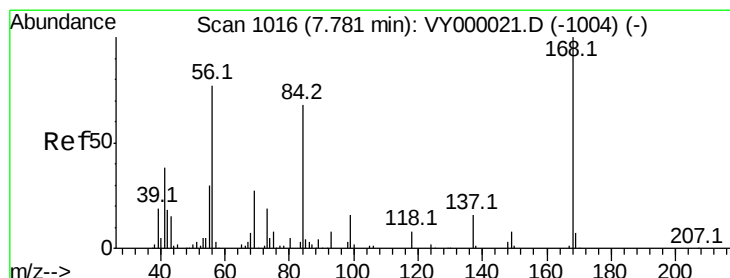
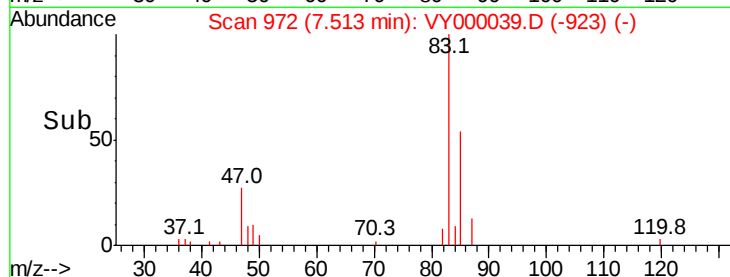
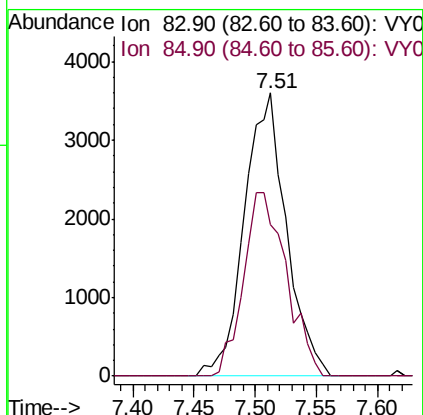
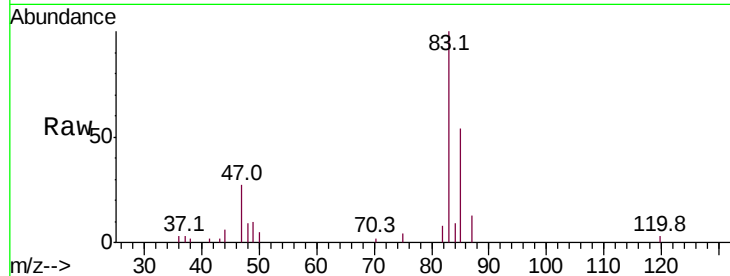




#30
Chloroform
Concen: 3.728 ug/l
RT: 7.51 min Scan# 972
Delta R.T. -0.00 min
Lab File: VY000039.D
Acq: 13 Sep 2019 12:02

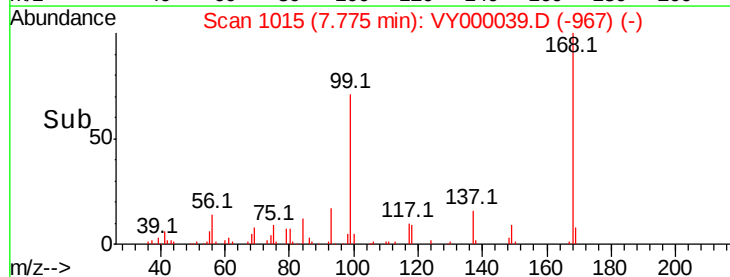
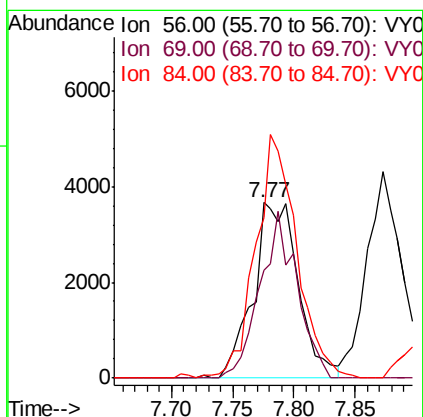
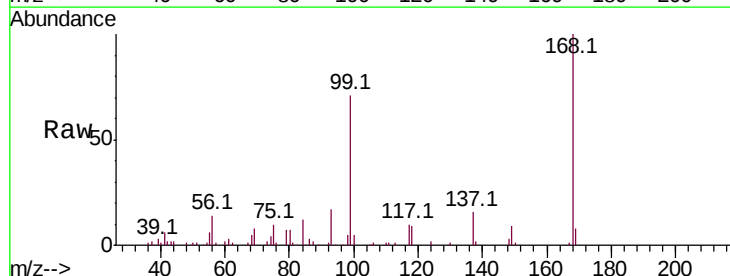
Instrument :
MSVOA_Y
ClientSampleId :

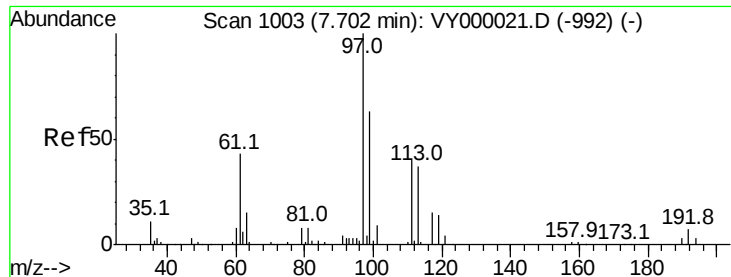
Tot Ion: 83 Resp: 8596
Ion Ratio Lower Upper
83 100
85 53.7 50.6 76.0



#31
Cyclohexane
Concen: 2.258 ug/l
RT: 7.77 min Scan# 1015
Delta R.T. -0.01 min
Lab File: VY000039.D
Acq: 13 Sep 2019 12:02

Tgt Ion: 56 Resp: 9440
Ion Ratio Lower Upper
56 100
69 61.2 28.0 42.0#
84 89.4 70.4 105.6





#32

1,1,1-Trichloroethane

Concen: 3.326 ug/l

RT: 7.71 min Scan# 1005

Delta R.T. 0.01 min

Lab File: VY000039.D

Acq: 13 Sep 2019 12:02

Instrument :

MSVOA_Y

ClientSampleId :

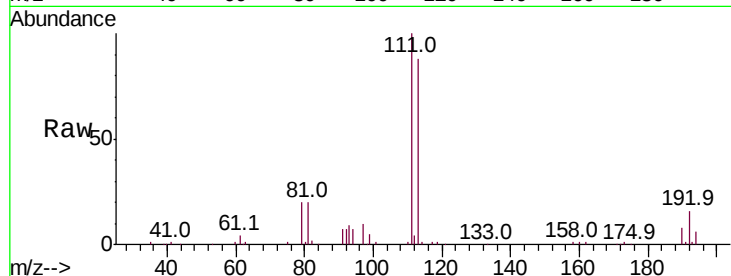
Tot Ion: 97 Resp: 6292

Ion Ratio Lower Upper

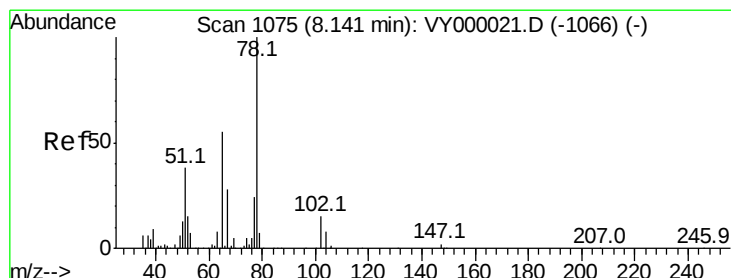
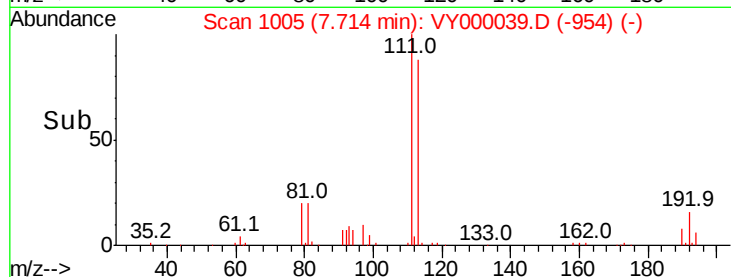
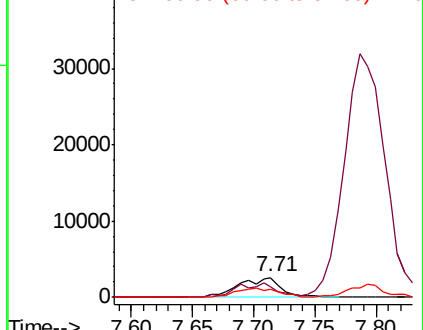
97 100

99 68.8 51.0 76.6

61 46.1 35.7 53.5



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



#33

1,2-Dichloroethane-d4

Concen: 51.899 ug/l

RT: 8.14 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VY000039.D

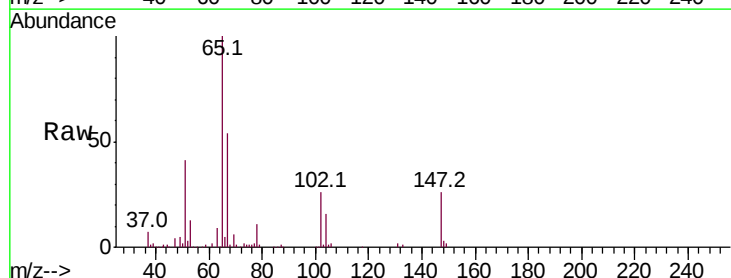
Acq: 13 Sep 2019 12:02

Tgt Ion: 65 Resp: 66788

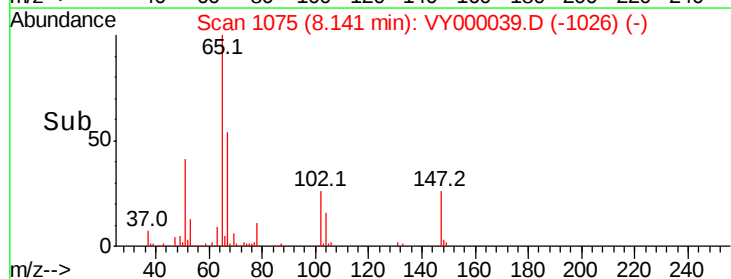
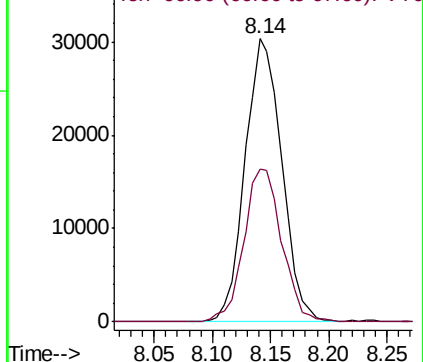
Ion Ratio Lower Upper

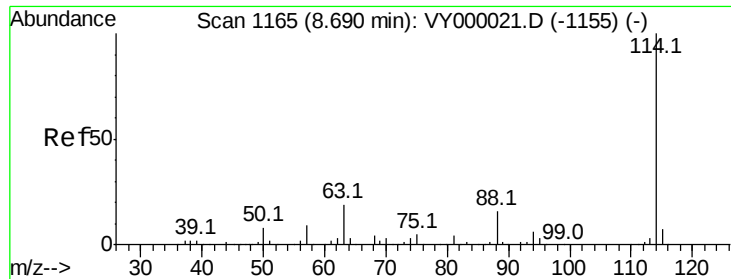
65 100

67 56.0 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VY0
Ion 66.90 (66.60 to 67.60): VY0

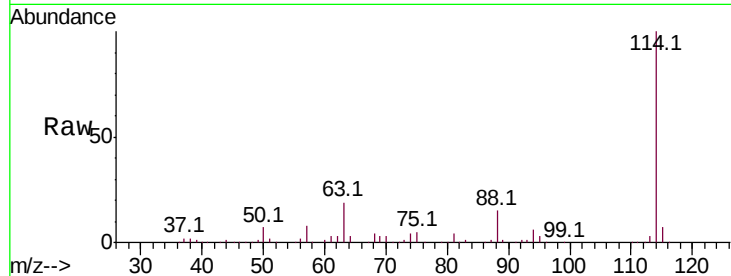




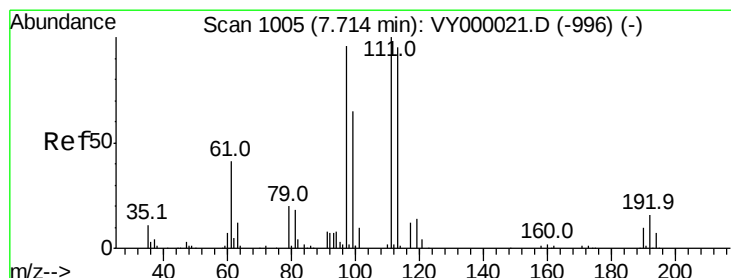
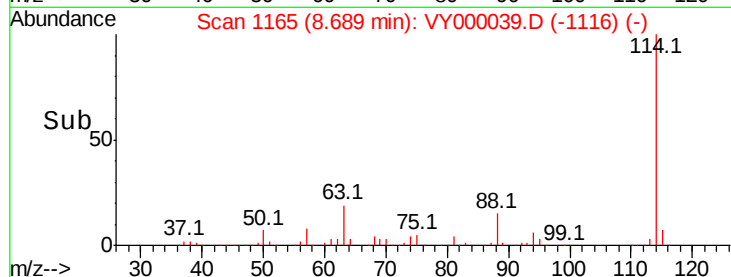
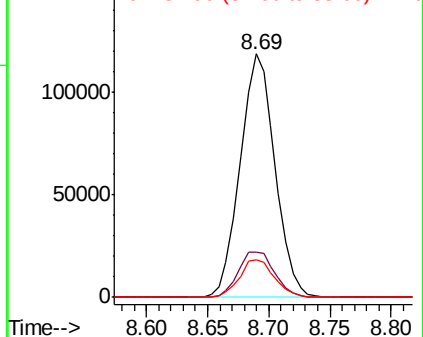
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1165
 Delta R.T. -0.00 min
 Lab File: VY000039.D
 Acq: 13 Sep 2019 12:02

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
114	100		
63	18.6	0.0	38.6
88	15.2	0.0	31.8

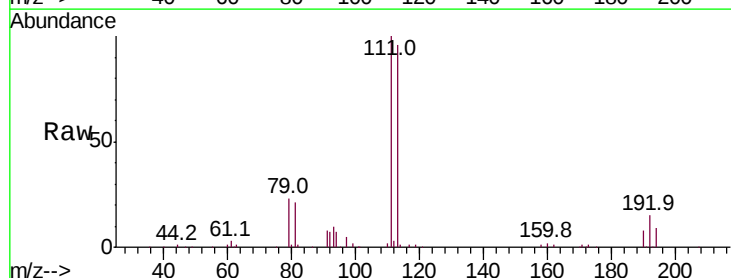


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VY0
 Ion 87.90 (87.60 to 88.60): VY0

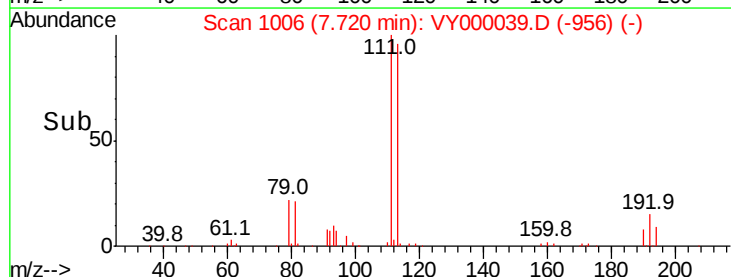
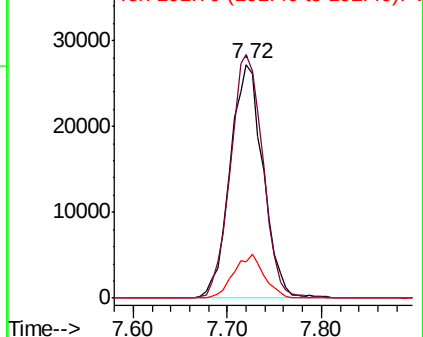


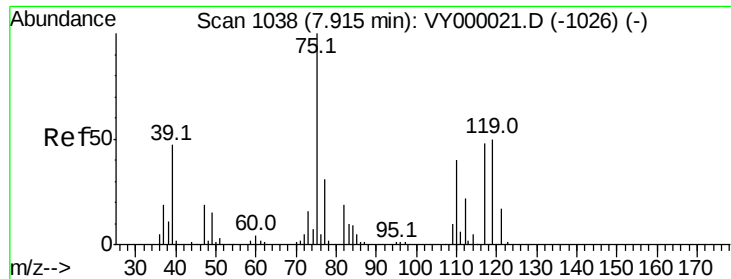
#35
 Dibromofluoromethane
 Concen: 49.330 ug/l
 RT: 7.72 min Scan# 1006
 Delta R.T. 0.01 min
 Lab File: VY000039.D
 Acq: 13 Sep 2019 12:02

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.6	83.9	125.9
192	17.2	14.5	21.7



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

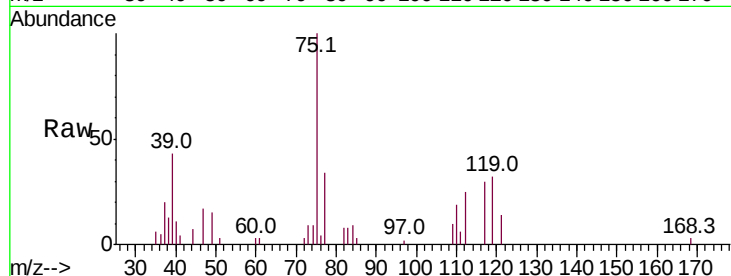




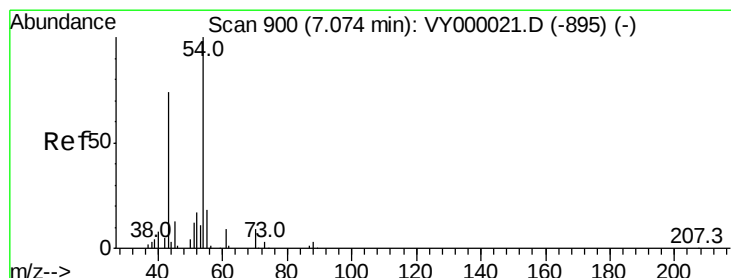
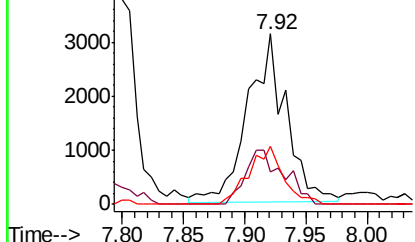
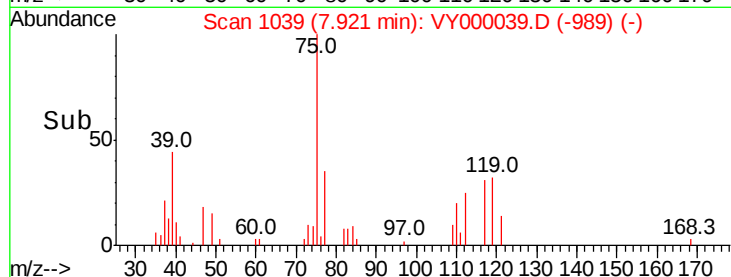
#36
 1,1-Dichloropropene
 Concen: 3.903 ug/l
 RT: 7.92 min Scan# 1039
 Delta R.T. 0.01 min
 Lab File: VY000039.D
 Acq: 13 Sep 2019 12:02

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion: 75 Resp: 6712
 Ion Ratio Lower Upper
 75 100
 110 32.7 18.6 55.8
 77 31.5 24.4 36.6

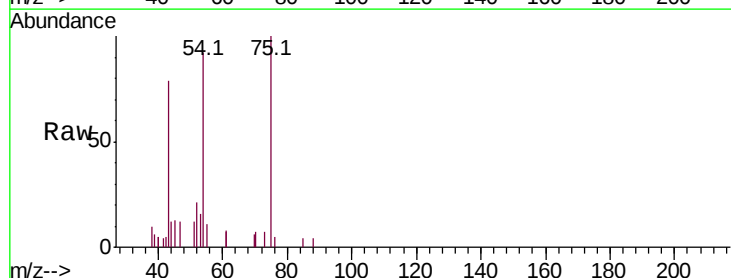


Abundance Ion 74.90 (74.60 to 75.60): VY0
 Ion 109.90 (109.60 to 110.60): VY0
 Ion 76.90 (76.60 to 77.60): VY0

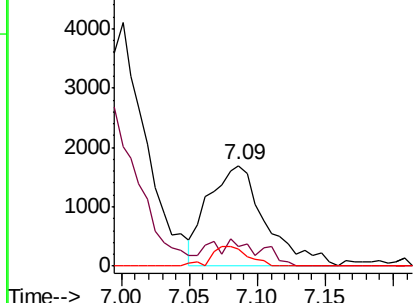
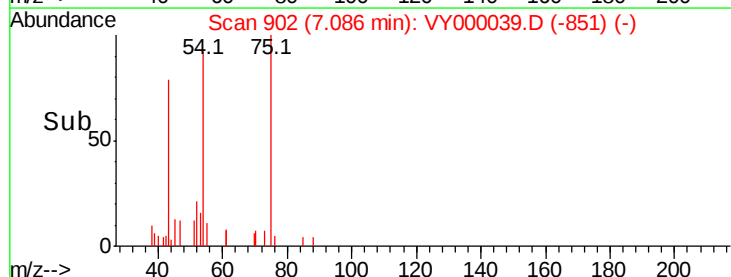


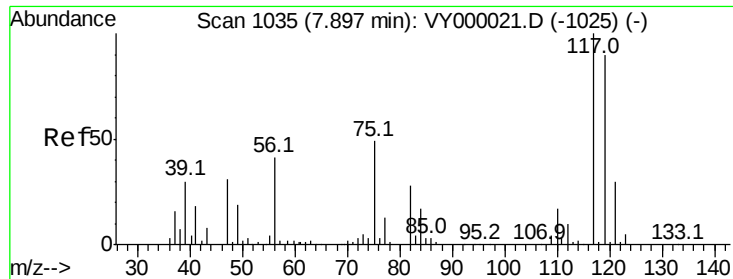
#37
 Ethyl Acetate
 Concen: 4.266 ug/l
 RT: 7.09 min Scan# 902
 Delta R.T. 0.01 min
 Lab File: VY000039.D
 Acq: 13 Sep 2019 12:02

Tgt Ion: 43 Resp: 4948
 Ion Ratio Lower Upper
 43 100
 61 0.0 13.1 19.7#
 70 12.4 10.9 16.3



Abundance Ion 43.00 (42.70 to 43.70): VY0
 Ion 60.90 (60.60 to 61.60): VY0
 Ion 70.00 (69.70 to 70.70): VY0





#38

Carbon Tetrachloride

Concen: 3.316 ug/l

RT: 7.90 min Scan# 1036

Delta R.T. 0.01 min

Lab File: VY000039.D

Acq: 13 Sep 2019 12:02

Instrument :

MSVOA_Y

ClientSampleId :

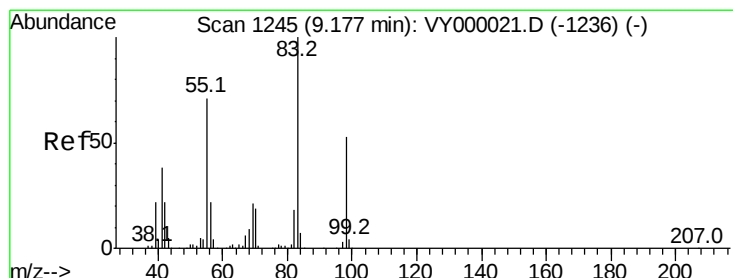
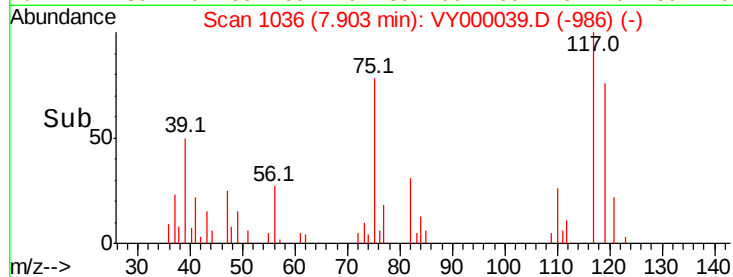
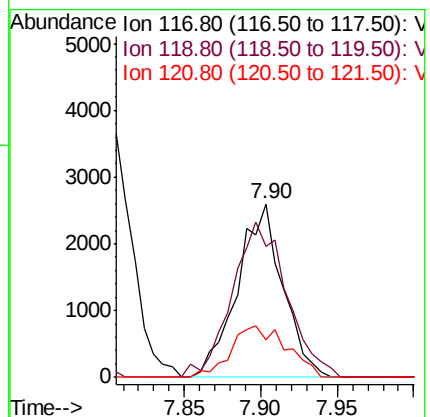
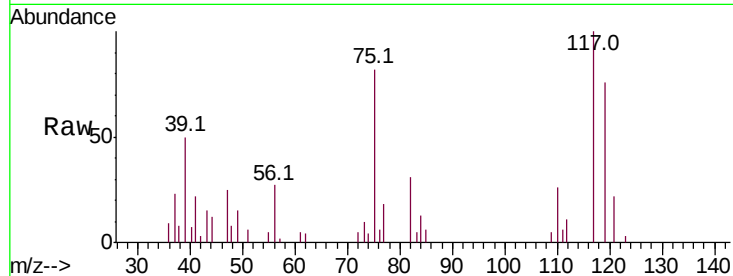
Tot Ion:117 Resp: 5383

Ion Ratio Lower Upper

117 100

119 75.7 72.1 108.1

121 21.8 23.9 35.9#



#39

Methylcyclohexane

Concen: 3.954 ug/l

RT: 9.18 min Scan# 1246

Delta R.T. 0.01 min

Lab File: VY000039.D

Acq: 13 Sep 2019 12:02

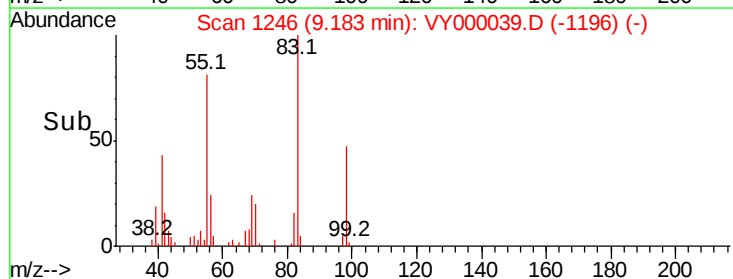
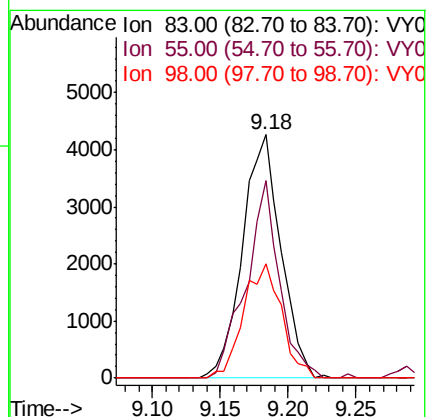
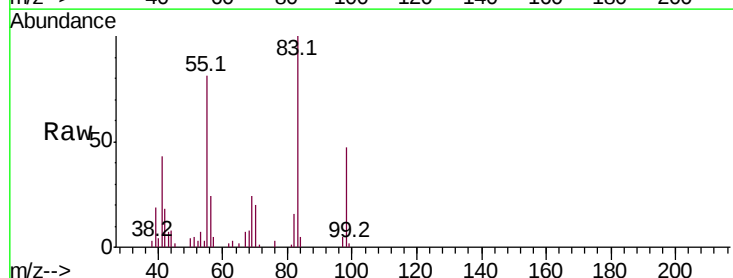
Tgt Ion: 83 Resp: 8402

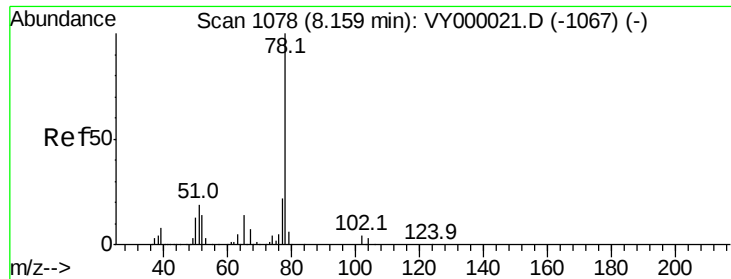
Ion Ratio Lower Upper

83 100

55 81.1 57.0 85.4

98 46.7 42.0 63.0





#40

Benzene

Concen: 3.516 ug/l

RT: 8.16 min Scan# 1078

Delta R.T. -0.00 min

Lab File: VY000039.D

Acq: 13 Sep 2019 12:02

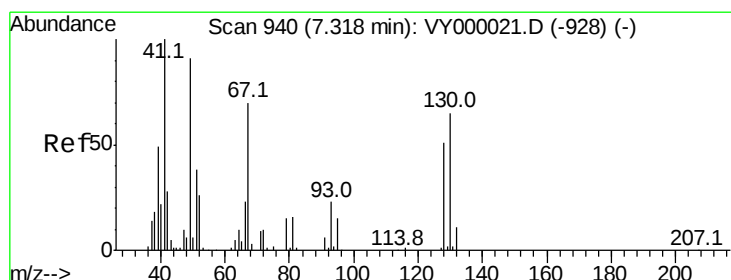
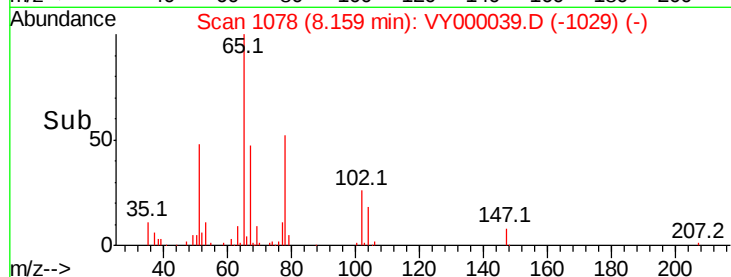
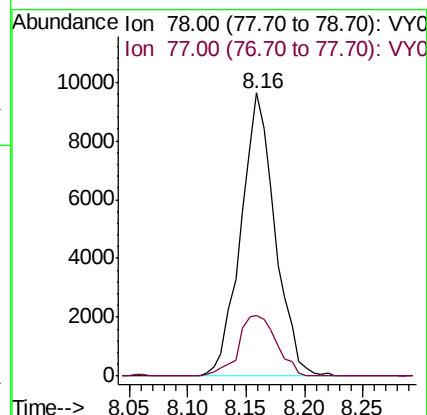
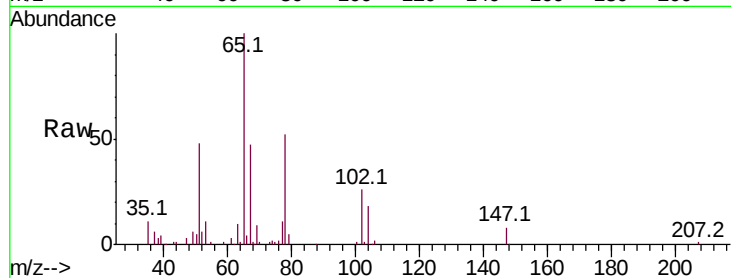
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 78 Resp: 19687

Ion Ratio Lower Upper

78 100

77 21.2 17.8 26.6



#41

Methacrylonitrile

Concen: 2.570 ug/l

RT: 7.31 min Scan# 939

Delta R.T. -0.01 min

Lab File: VY000039.D

Acq: 13 Sep 2019 12:02

Tgt Ion: 41 Resp: 1734

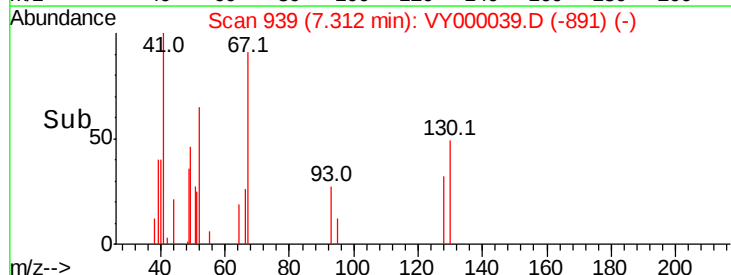
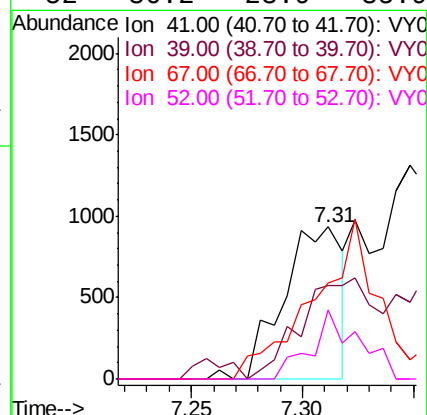
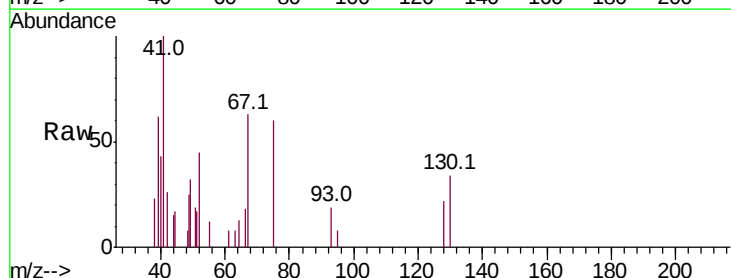
Ion Ratio Lower Upper

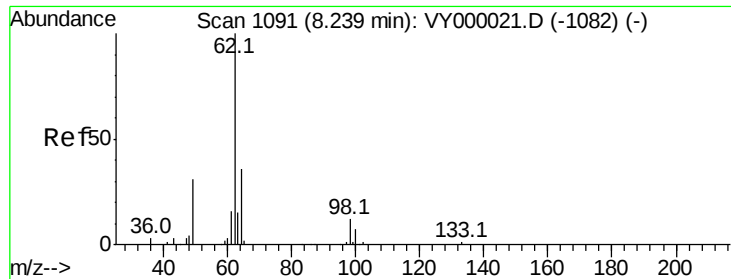
41 100

39 83.2 41.8 62.6#

67 115.1 65.8 98.6#

52 36.2 23.9 35.9#





#42

1,2-Dichloroethane

Concen: 3.697 ug/l

RT: 8.23 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VY000039.D

Acq: 13 Sep 2019 12:02

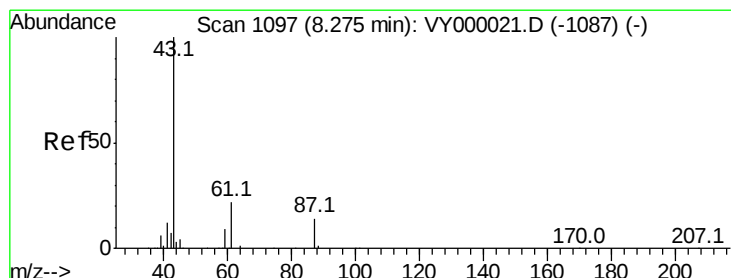
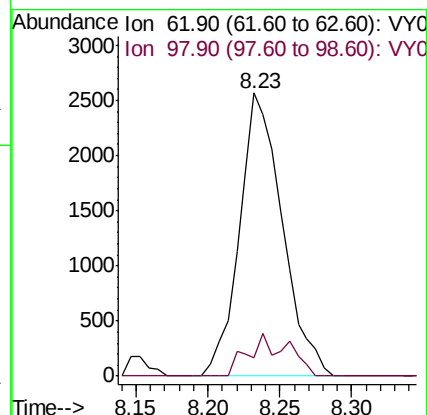
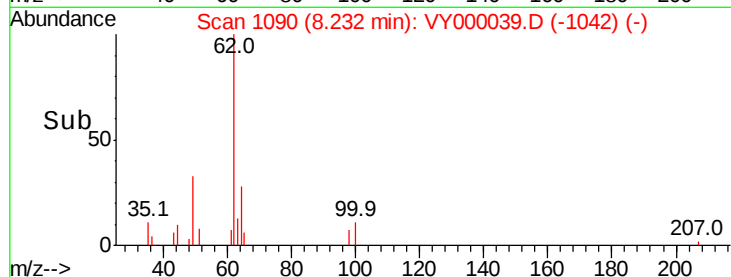
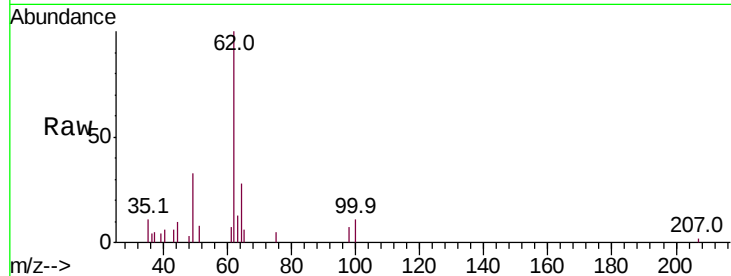
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 62 Resp: 5290

Ion Ratio Lower Upper

62 100

98 9.6 0.0 23.2



#43

Isopropyl Acetate

Concen: 3.293 ug/l

RT: 8.27 min Scan# 1097

Delta R.T. -0.00 min

Lab File: VY000039.D

Acq: 13 Sep 2019 12:02

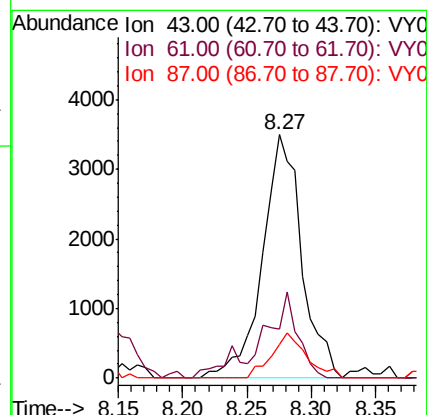
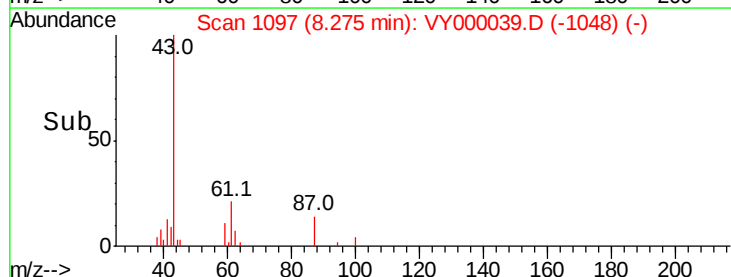
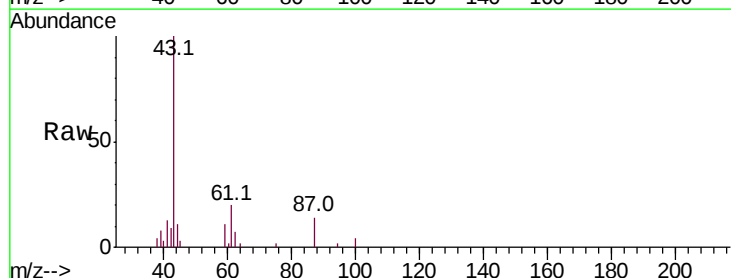
Tgt Ion: 43 Resp: 7401

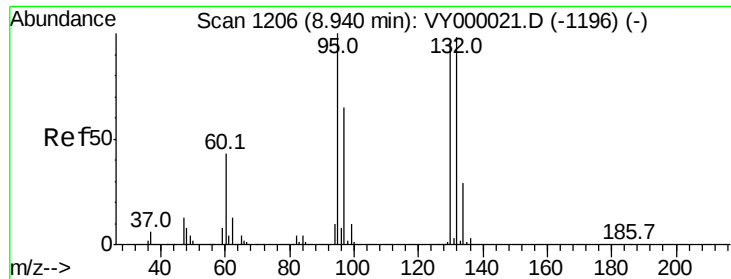
Ion Ratio Lower Upper

43 100

61 25.8 24.9 37.3

87 16.4 12.3 18.5





#44

Trichloroethene

Concen: 3.662 ug/l

RT: 8.93 min Scan# 1205

Delta R.T. -0.01 min

Lab File: VY000039.D

Acq: 13 Sep 2019 12:02

Instrument :

MSVOA_Y

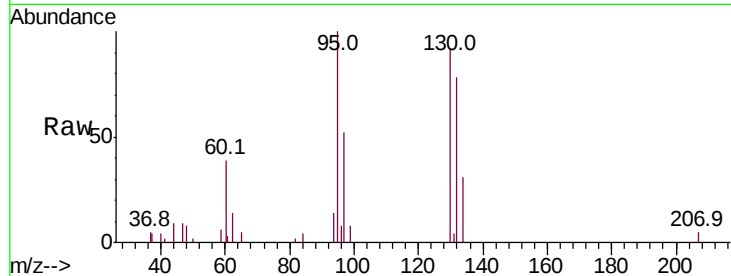
ClientSampled :

Tot Ion:130 Resp: 5120

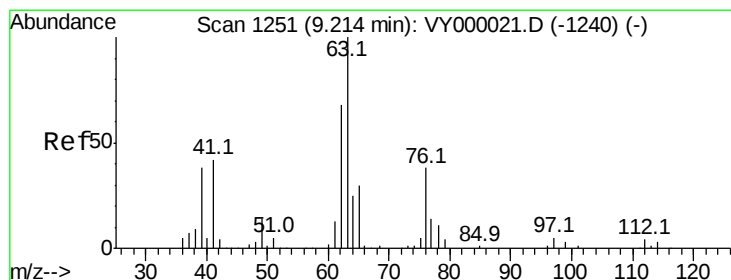
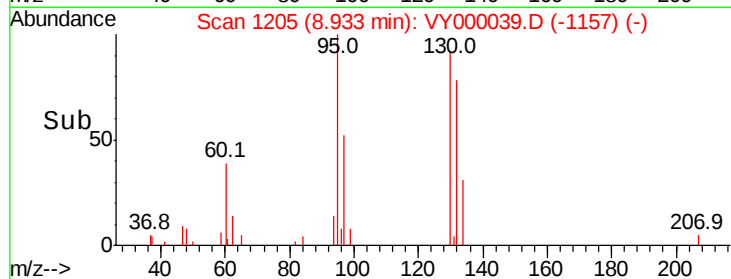
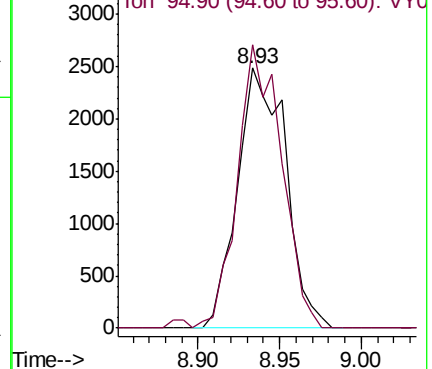
Ion Ratio Lower Upper

130 100

95 108.8 0.0 207.4



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



#45

1,2-Dichloropropane

Concen: 3.708 ug/l

RT: 9.21 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VY000039.D

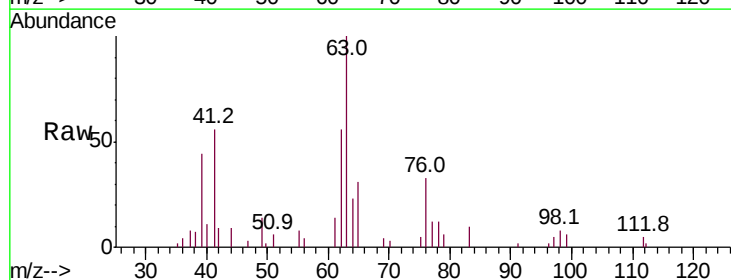
Acq: 13 Sep 2019 12:02

Tgt Ion: 63 Resp: 5353

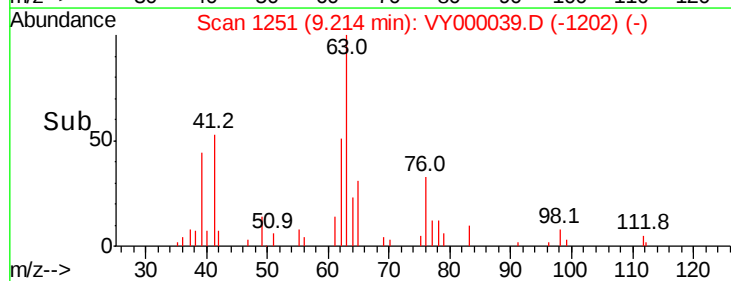
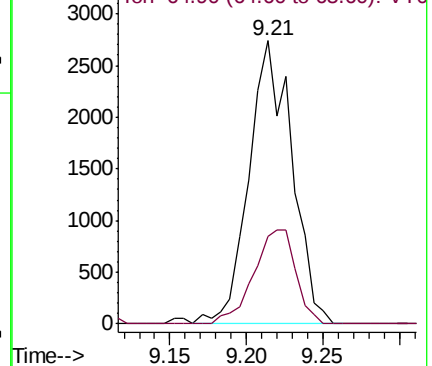
Ion Ratio Lower Upper

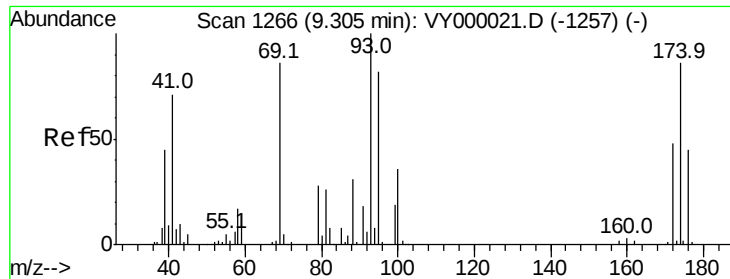
63 100

65 31.0 24.1 36.1



Abundance Ion 62.90 (62.60 to 63.60): VY000021.D (-1240) (-)





#46

Dibromomethane

Concen: 3.388 ug/l

RT: 9.31 min Scan# 1267

Delta R.T. 0.01 min

Lab File: VY000039.D

Acq: 13 Sep 2019 12:02

Instrument :

MSVOA_Y

ClientSampled :

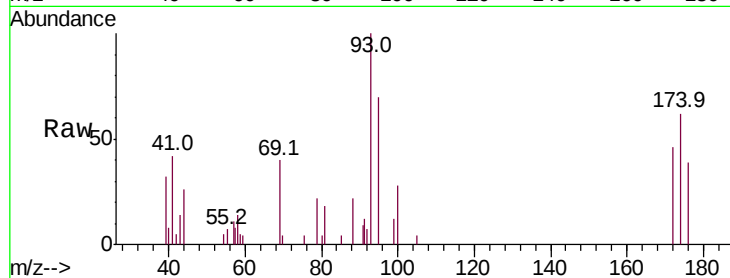
Tot Ion: 93 Resp: 2715

Ion Ratio Lower Upper

93 100

95 78.0 67.0 100.6

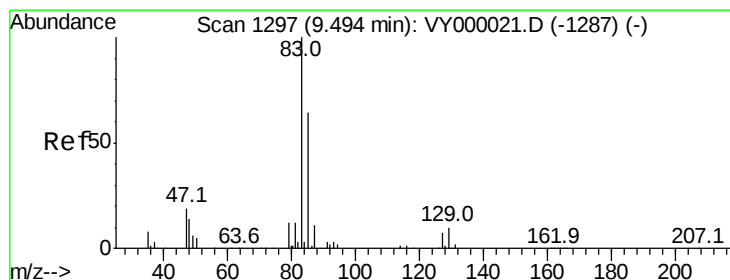
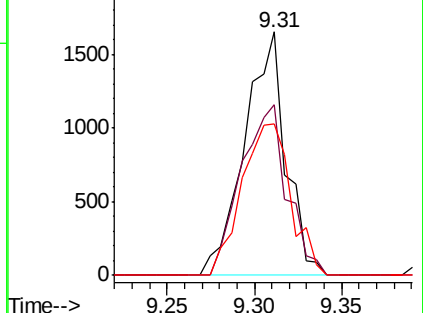
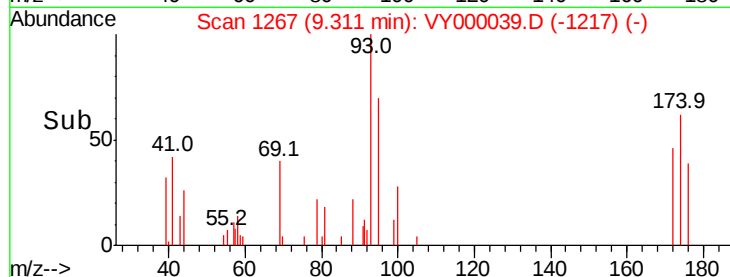
174 74.0 68.8 103.2



Abundance Ion 92.80 (92.50 to 93.50): VY0

Ion 94.80 (94.50 to 95.50): VY0

Ion 173.70 (173.40 to 174.40): V



#47

Bromodichloromethane

Concen: 3.310 ug/l

RT: 9.49 min Scan# 1297

Delta R.T. -0.00 min

Lab File: VY000039.D

Acq: 13 Sep 2019 12:02

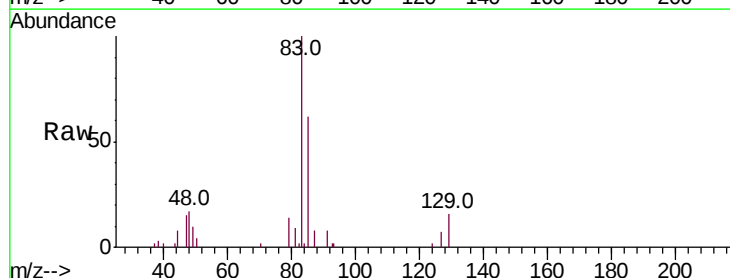
Tgt Ion: 83 Resp: 6332

Ion Ratio Lower Upper

83 100

85 62.0 51.4 77.2

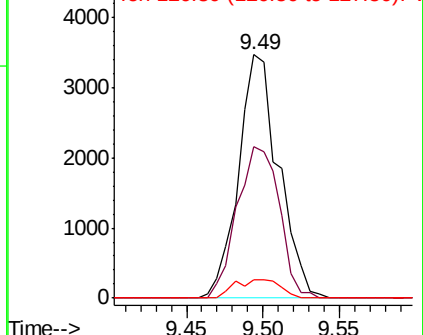
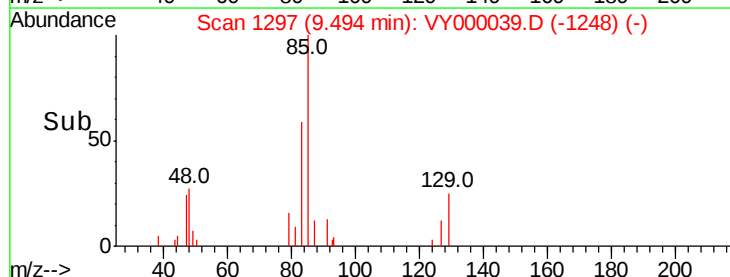
127 7.3 5.4 8.2

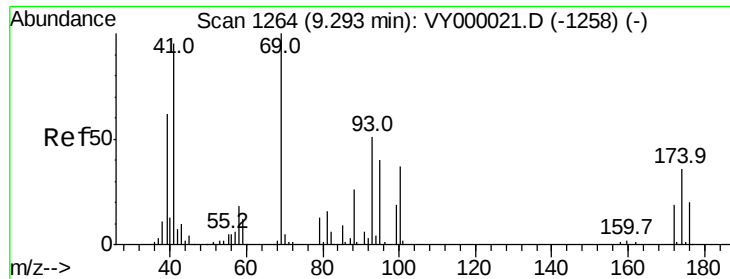


Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

Ion 126.80 (126.50 to 127.50): V





#48

Methvl methacrylate

Concen: 3.500 ug/l

RT: 9.29 min Scan# 1264

Delta R.T. -0.00 min

Lab File: VY000039.D

Acq: 13 Sep 2019 12:02

Instrument :

MSVOA_Y

ClientSampled :

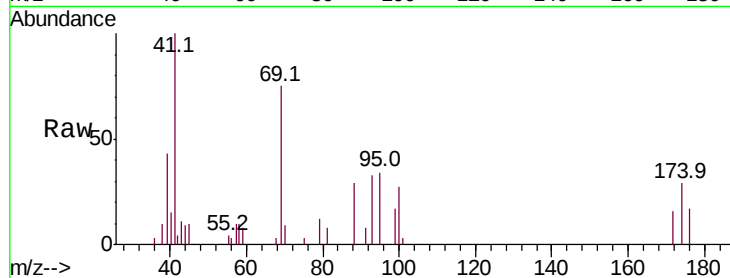
Tot Ion: 41 Resp: 3471

Ion Ratio Lower Upper

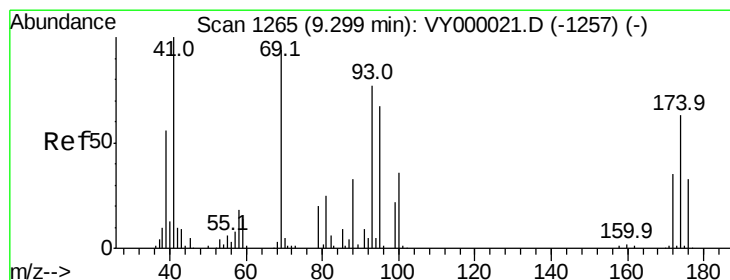
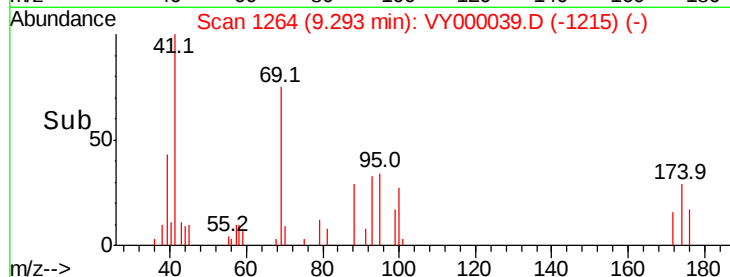
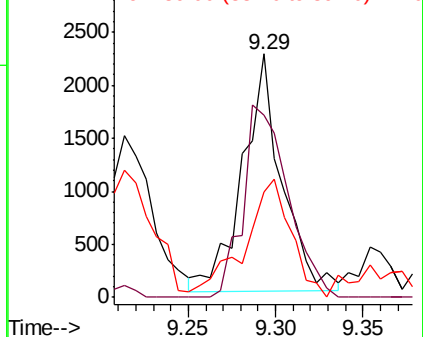
41 100

69 93.3 79.7 119.5

39 59.6 48.6 72.8



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



#49

1,4-Dioxane

Concen: 65.134 ug/l

RT: 9.29 min Scan# 1264

Delta R.T. -0.01 min

Lab File: VY000039.D

Acq: 13 Sep 2019 12:02

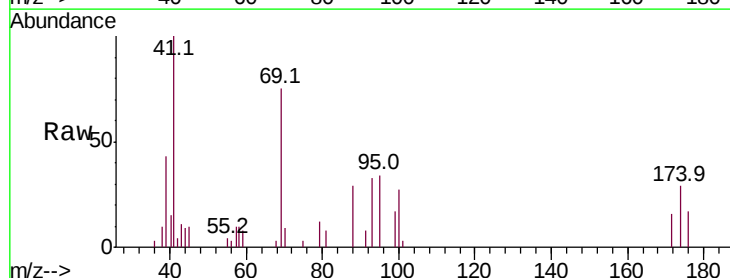
Tgt Ion: 88 Resp: 1093

Ion Ratio Lower Upper

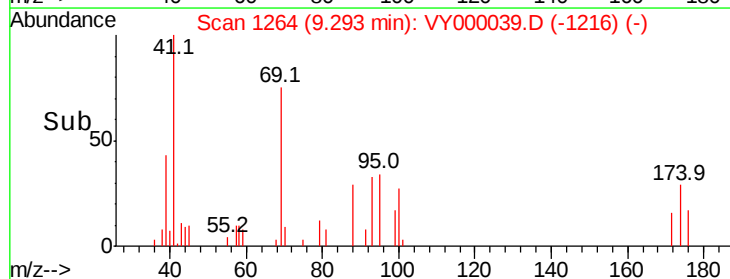
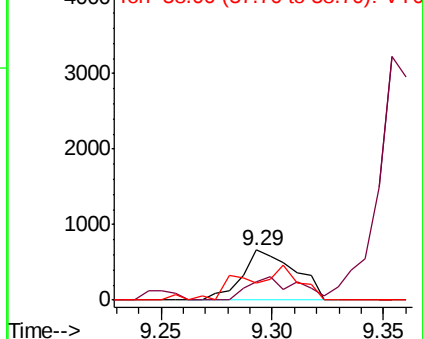
88 100

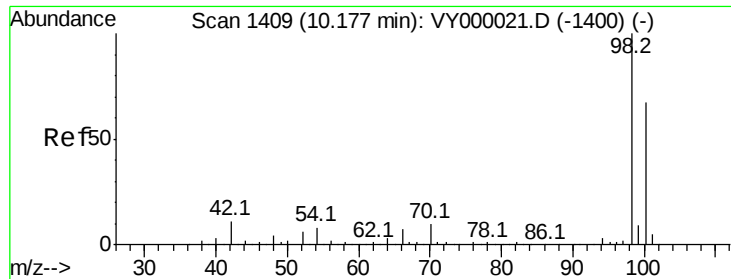
43 43.4 24.6 37.0#

58 39.2 52.7 79.1#



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

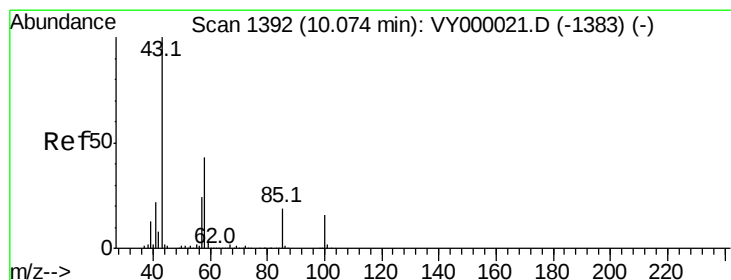
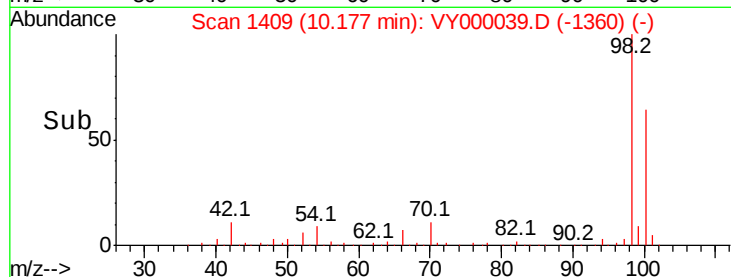
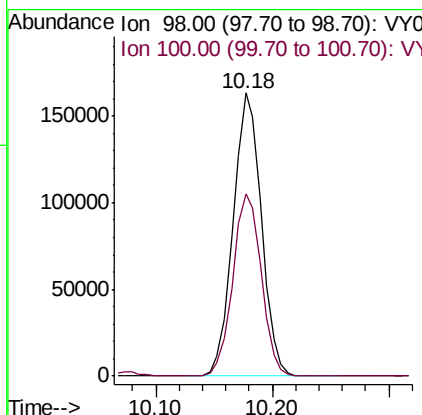
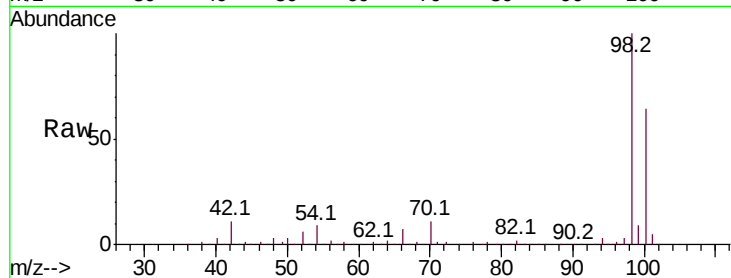




#50
Toluene-d8
Concen: 50.947 ug/l
RT: 10.18 min Scan# 1409
Delta R.T. -0.00 min
Lab File: VY000039.D
Acq: 13 Sep 2019 12:02

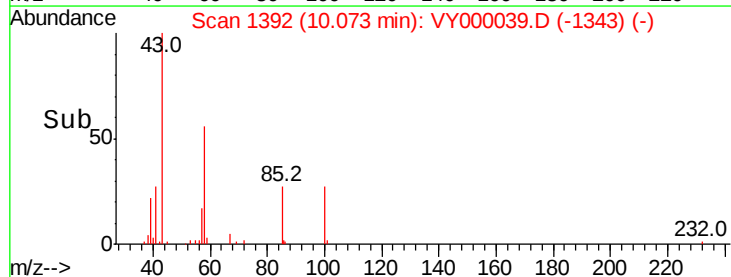
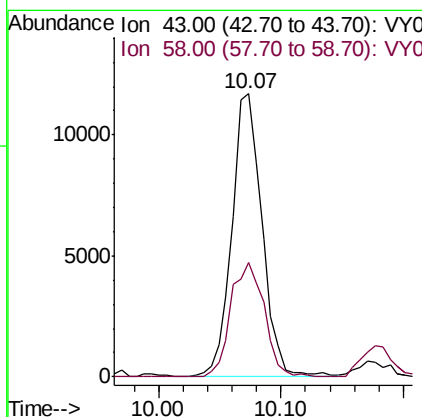
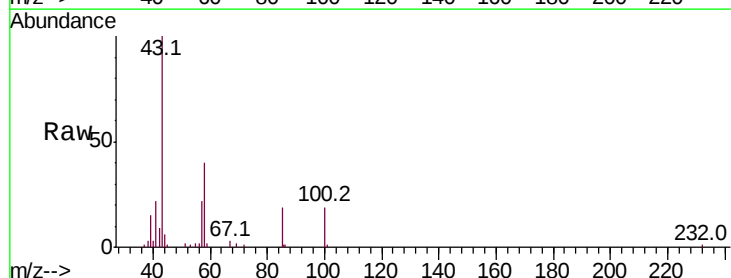
Instrument :
MSVOA_Y
ClientSampleId :

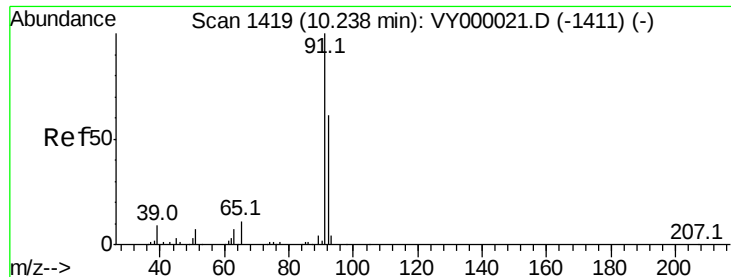
Tot Ion: 98 Resp: 275655
Ion Ratio Lower Upper
98 100
100 64.9 54.0 81.0



#51
4-Methyl-2-Pentanone
Concen: 15.880 ug/l
RT: 10.07 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VY000039.D
Acq: 13 Sep 2019 12:02

Tgt Ion: 43 Resp: 19998
Ion Ratio Lower Upper
43 100
58 44.8 34.1 51.1





#52

Toluene

Concen: 3.630 ug/l

RT: 10.24 min Scan# 1420

Delta R.T. 0.01 min

Lab File: VY000039.D

Acq: 13 Sep 2019 12:02

Instrument :

MSVOA_Y

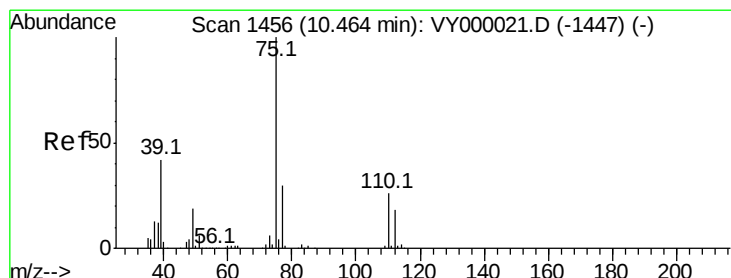
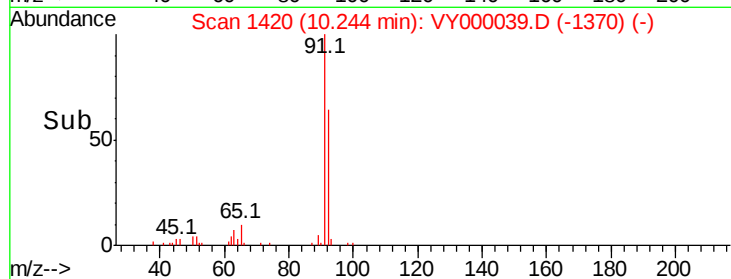
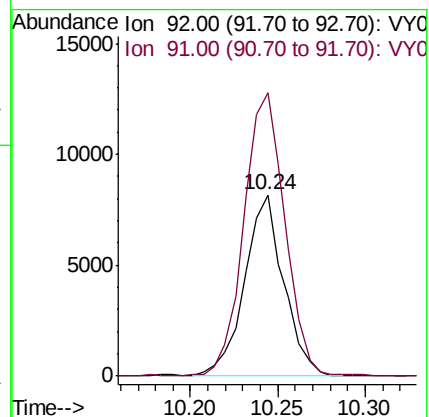
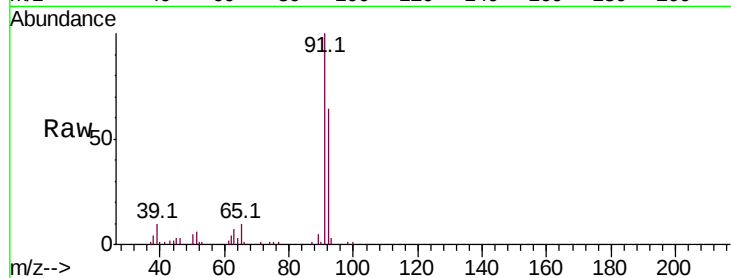
ClientSampleId :

Tot Ion: 92 Resp: 12772

Ion Ratio Lower Upper

92 100

91 163.7 136.4 204.6



#53

t-1,3-Dichloropropene

Concen: 3.575 ug/l

RT: 10.46 min Scan# 1456

Delta R.T. -0.00 min

Lab File: VY000039.D

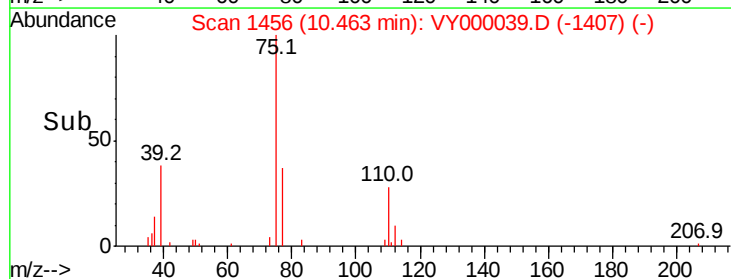
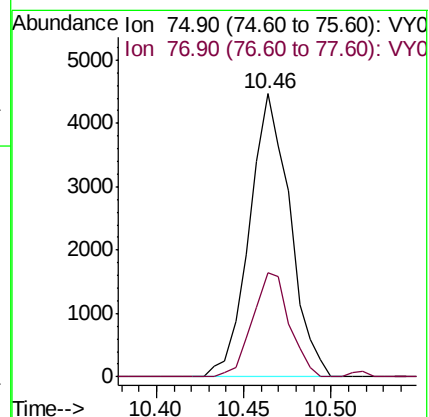
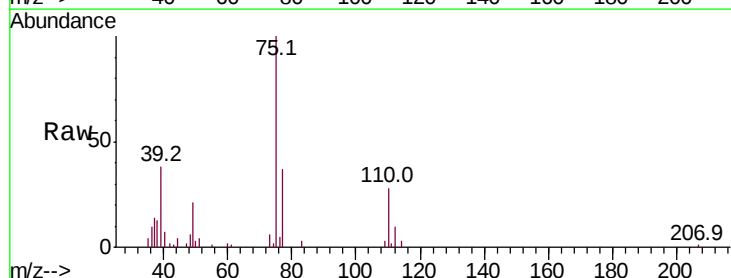
Acq: 13 Sep 2019 12:02

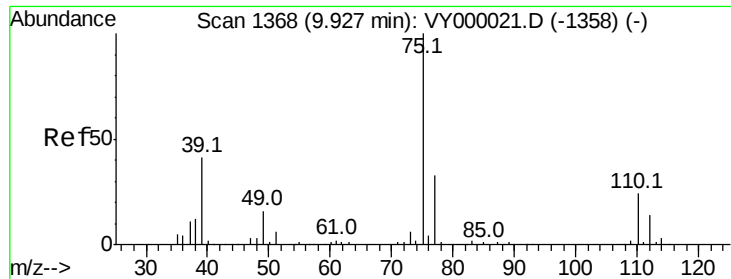
Tgt Ion: 75 Resp: 7189

Ion Ratio Lower Upper

75 100

77 36.9 23.8 35.8#

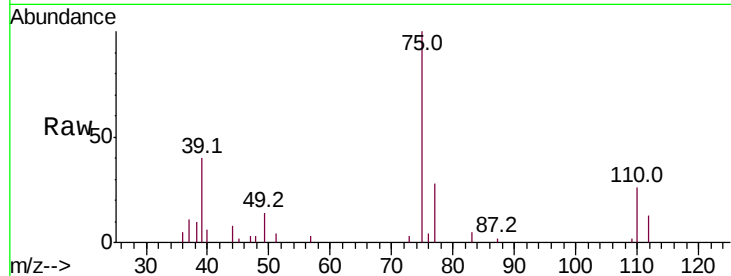




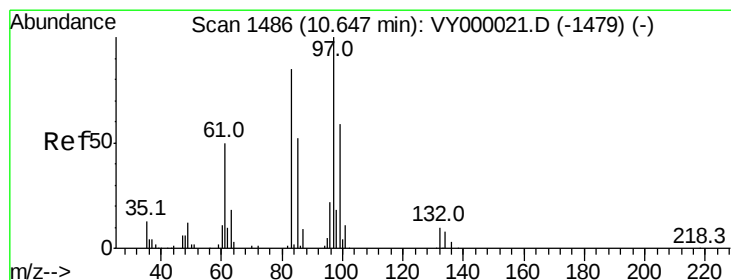
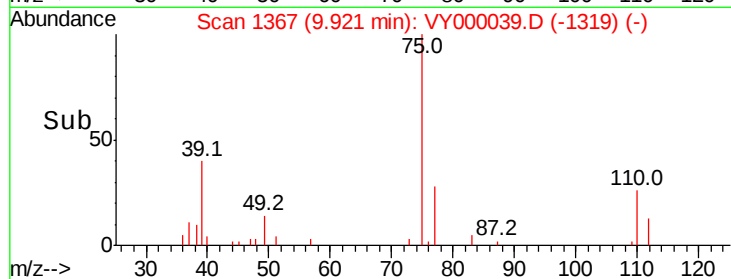
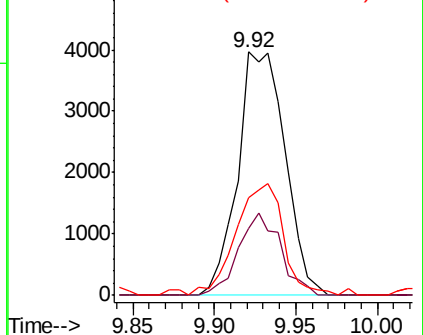
#54
 cis-1,3-Dichloropropene
 Concen: 3.425 ug/l
 RT: 9.92 min Scan# 1367
 Delta R.T. -0.01 min
 Lab File: VY000039.D
 Acq: 13 Sep 2019 12:02

Instrument :
 MSVOA_Y
 ClientSampled :

Tot Ion: 75 Resp: 8014
 Ion Ratio Lower Upper
 75 100
 77 27.8 26.3 39.5
 39 40.3 32.9 49.3

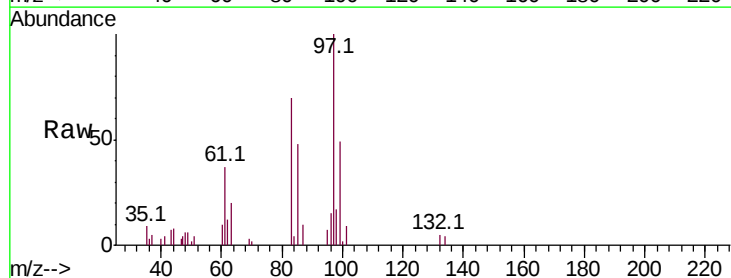


Abundance Ion 74.90 (74.60 to 75.60): VY0
 Ion 76.90 (76.60 to 77.60): VY0
 Ion 39.00 (38.70 to 39.70): VY0

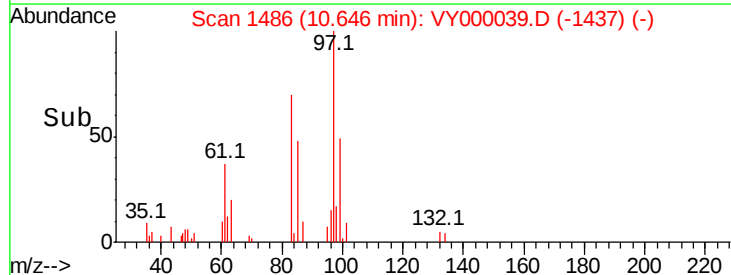
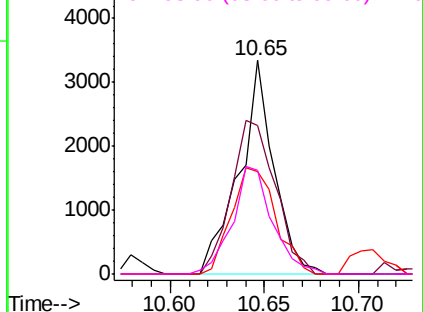


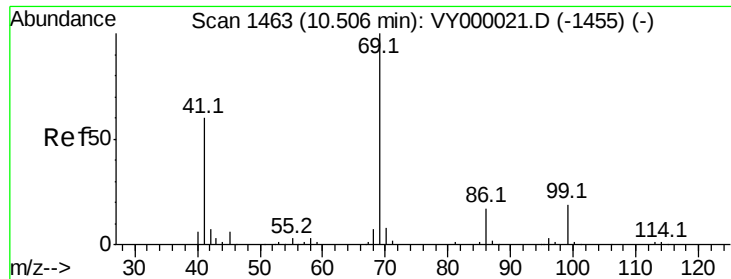
#55
 1,1,2-Trichloroethane
 Concen: 3.366 ug/l
 RT: 10.65 min Scan# 1486
 Delta R.T. -0.00 min
 Lab File: VY000039.D
 Acq: 13 Sep 2019 12:02

Tgt Ion: 97 Resp: 4274
 Ion Ratio Lower Upper
 97 100
 83 69.7 68.2 102.2
 85 47.8 41.7 62.5
 99 48.8 47.3 70.9



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





#56

Ethyl methacrylate

Concen: 3.153 ug/l

RT: 10.51 min Scan# 1464

Delta R.T. 0.01 min

Lab File: VY000039.D

Acq: 13 Sep 2019 12:02

Instrument :

MSVOA_Y

ClientSampled :

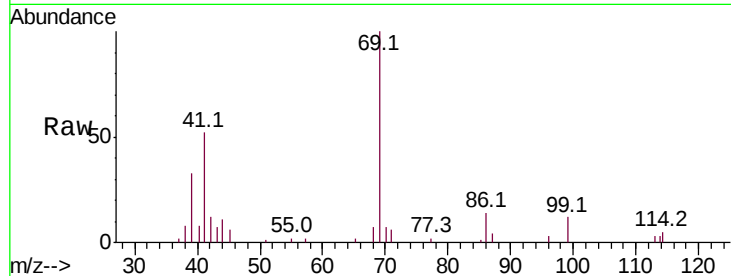
Tot Ion: 69 Resp: 5618

Ion Ratio Lower Upper

69 100

41 60.7 47.0 70.4

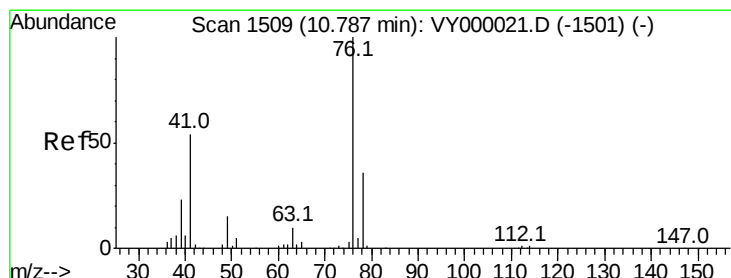
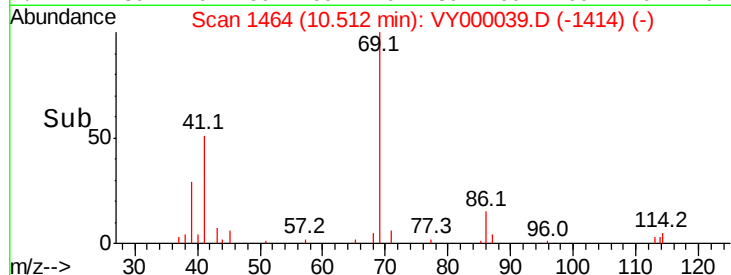
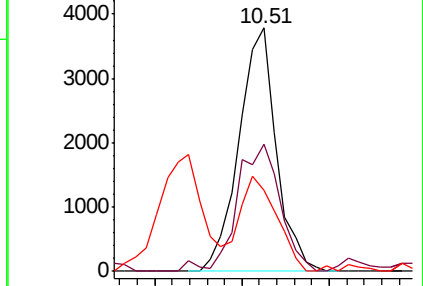
39 39.1 26.4 39.6



Abundance Ion 69.00 (68.70 to 69.70): VY0

Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0



#57

1,3-Dichloropropane

Concen: 3.256 ug/l

RT: 10.79 min Scan# 1509

Delta R.T. -0.00 min

Lab File: VY000039.D

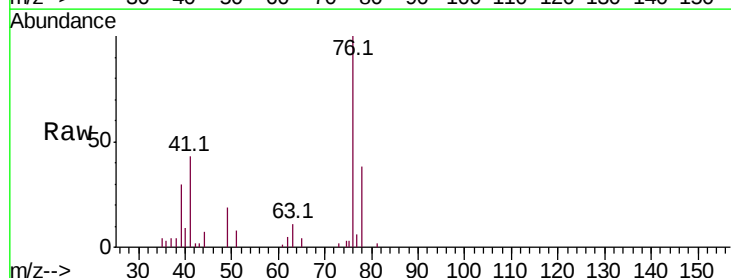
Acq: 13 Sep 2019 12:02

Tgt Ion: 76 Resp: 6613

Ion Ratio Lower Upper

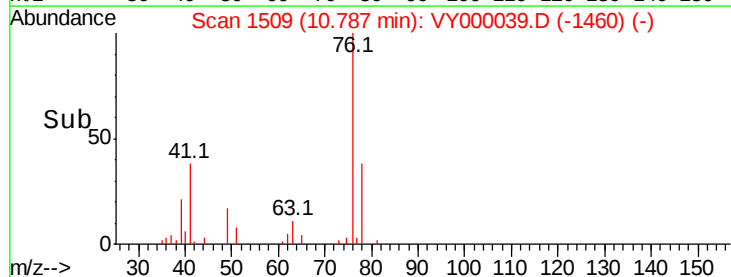
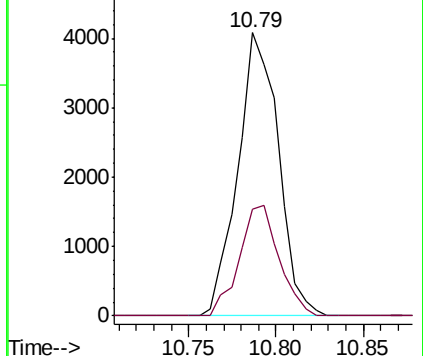
76 100

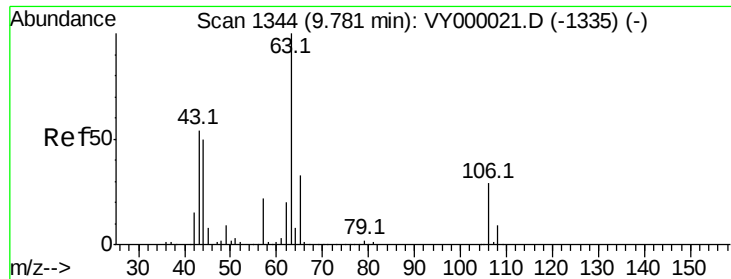
78 38.1 26.0 39.0



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

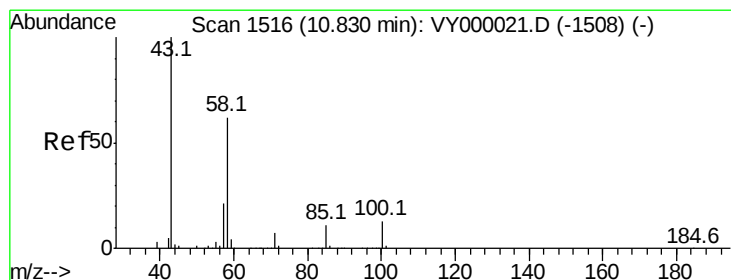
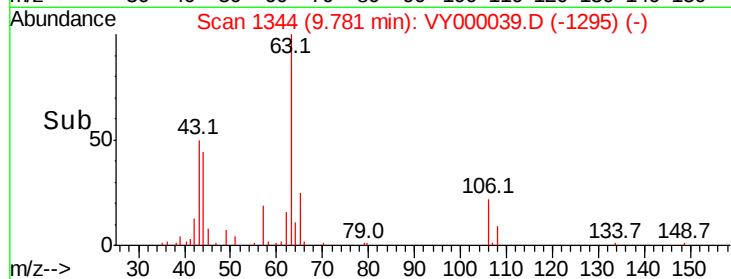
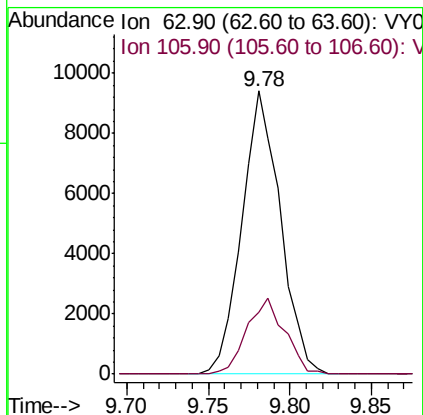
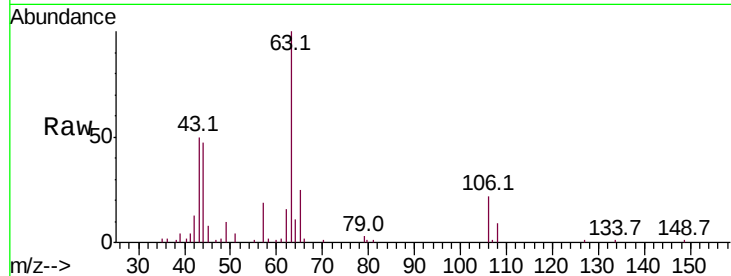




#58
 2-Chloroethyl Vinyl ether
 Concen: 15.827 ug/l
 RT: 9.78 min Scan# 1344
 Delta R.T. -0.00 min
 Lab File: VY000039.D
 Acq: 13 Sep 2019 12:02

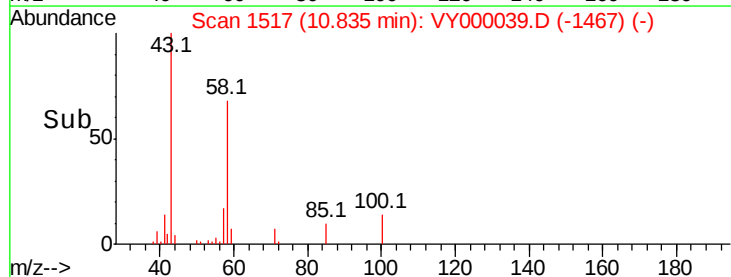
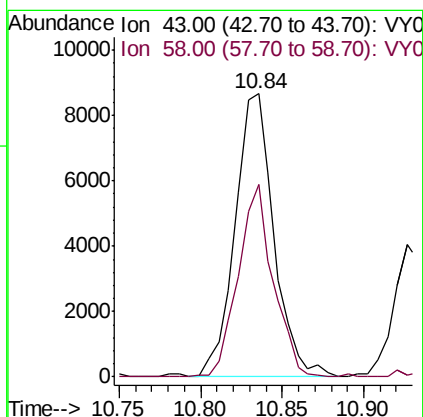
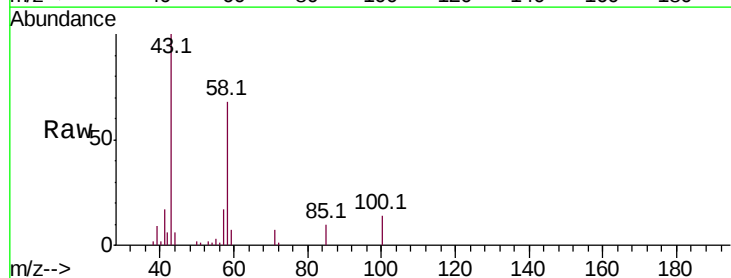
Instrument :
 MSVOA_Y
 ClientSampled :

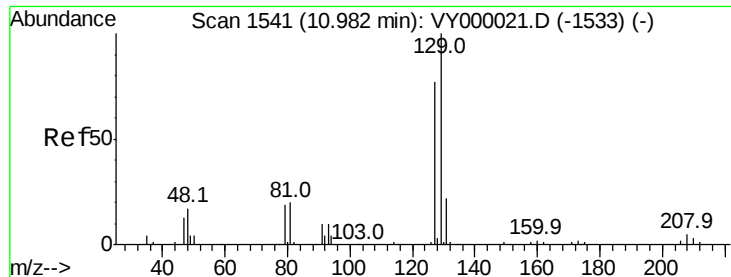
Tot Ion: 63 Resp: 15450
 Ion Ratio Lower Upper
 63 100
 106 26.6 23.7 35.5



#59
 2-Hexanone
 Concen: 15.849 ug/l
 RT: 10.84 min Scan# 1517
 Delta R.T. 0.01 min
 Lab File: VY000039.D
 Acq: 13 Sep 2019 12:02

Tgt Ion: 43 Resp: 14383
 Ion Ratio Lower Upper
 43 100
 58 61.4 30.3 90.8





#60

Dibromochloromethane

Concen: 3.354 ug/l

RT: 10.98 min Scan# 1541

Delta R.T. -0.00 min

Lab File: VY000039.D

Acq: 13 Sep 2019 12:02

Instrument :

MSVOA_Y

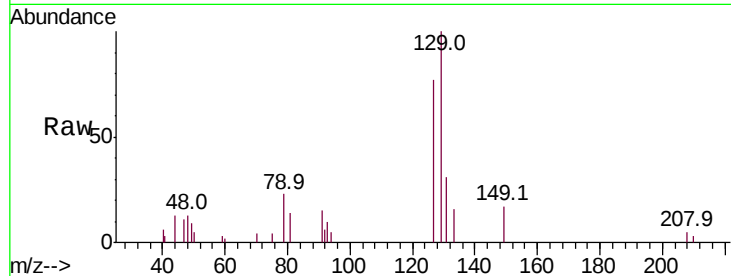
ClientSampleId :

Tot Ion:129 Resp: 4488

Ion Ratio Lower Upper

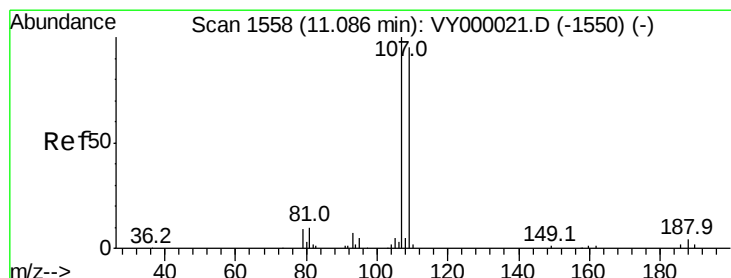
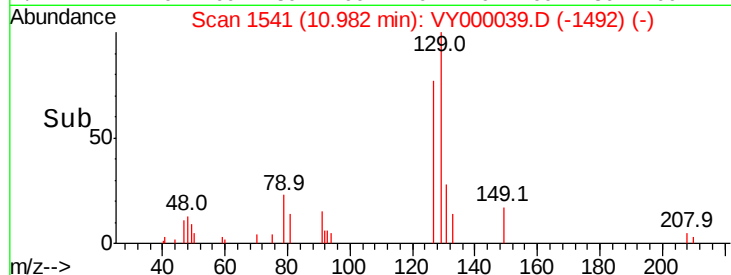
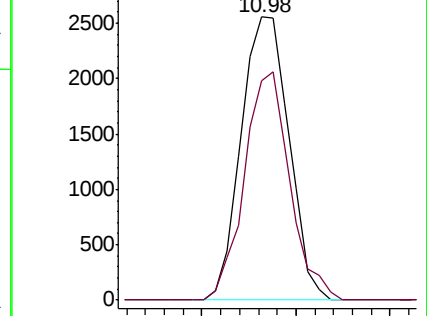
129 100

127 76.7 38.4 115.2



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 3.484 ug/l

RT: 11.09 min Scan# 1559

Delta R.T. 0.01 min

Lab File: VY000039.D

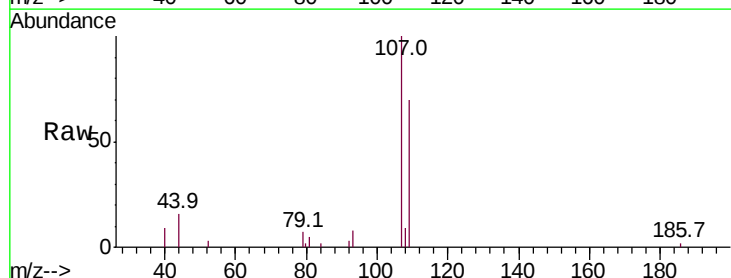
Acq: 13 Sep 2019 12:02

Tgt Ion:107 Resp: 3907

Ion Ratio Lower Upper

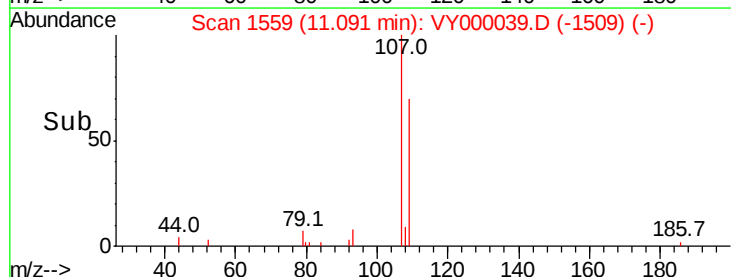
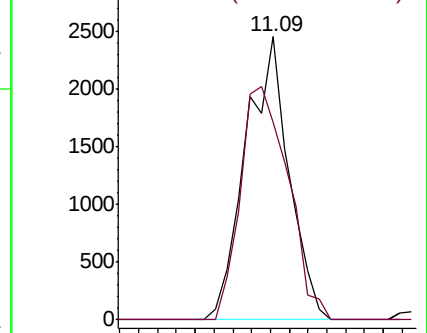
107 100

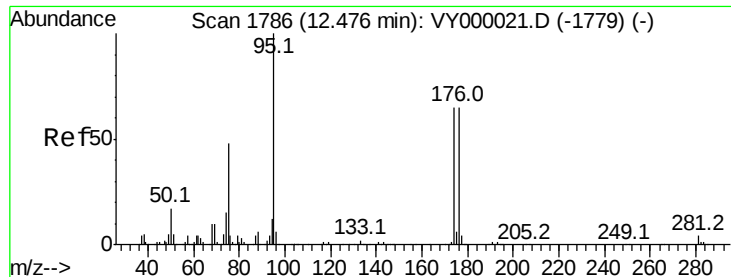
109 91.3 76.7 115.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

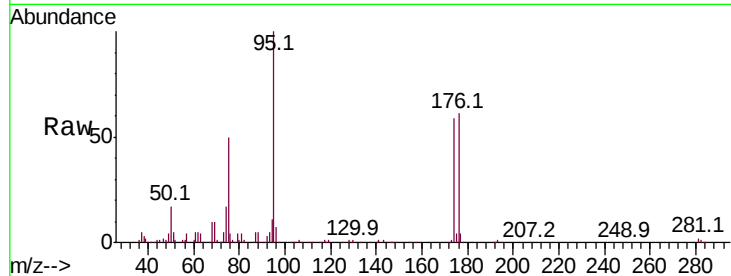




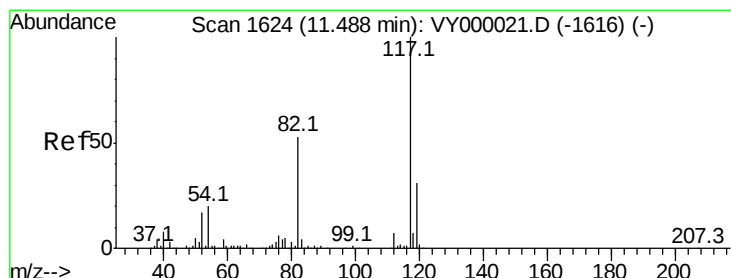
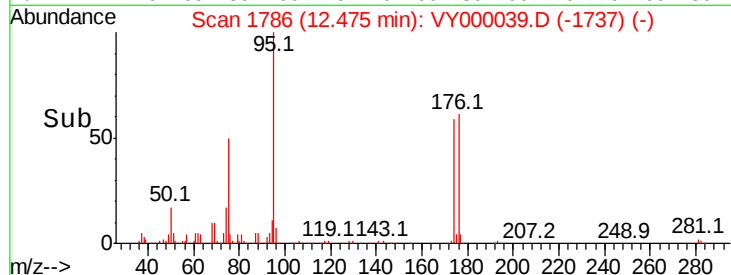
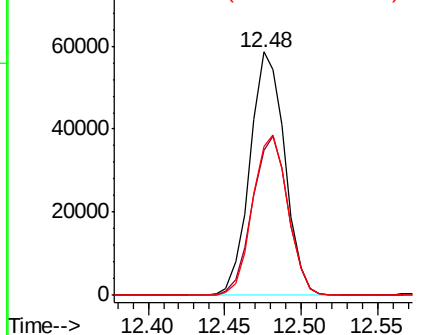
#62
4-Bromofluorobenzene
Concen: 47.203 ug/l
RT: 12.48 min Scan# 1786
Delta R.T. -0.00 min
Lab File: VY000039.D
Acq: 13 Sep 2019 12:02

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion	95	Resp	92828
Ion Ratio	100	Lower	Upper
174	66.9	0.0	137.6
176	66.6	0.0	134.8

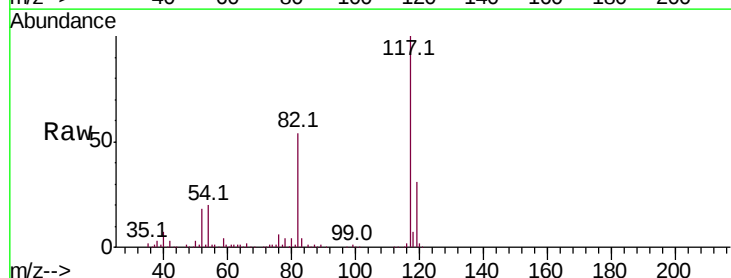


Abundance Ion 94.90 (94.60 to 95.60): VY0
Ion 173.80 (173.50 to 174.50): VY0
Ion 175.80 (175.50 to 176.50): VY0

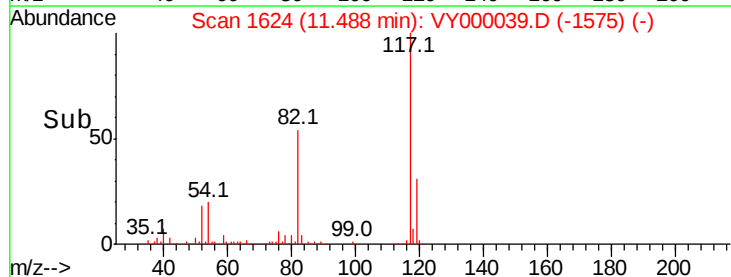
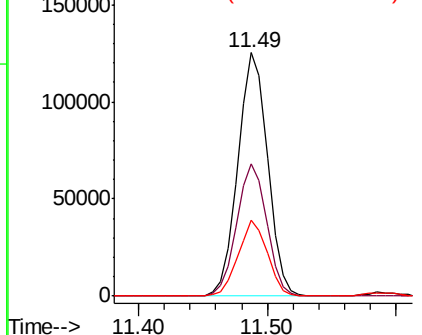


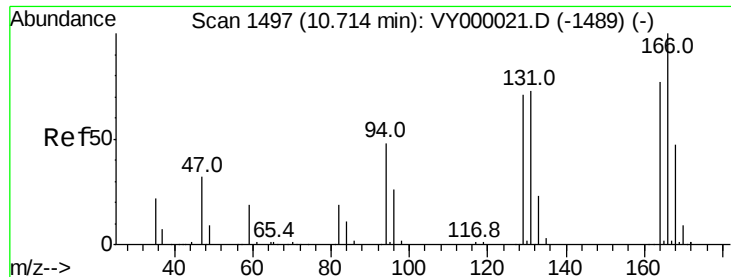
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1624
Delta R.T. -0.00 min
Lab File: VY000039.D
Acq: 13 Sep 2019 12:02

Tgt Ion	117	Resp	199921
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
82	54.3	42.5	63.7
119	31.2	25.1	37.7



Abundance Ion 116.90 (116.60 to 117.60): VY0
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): VY0





#64

Tetrachloroethene

Concen: 3.861 ug/l

RT: 10.72 min Scan# 1498

Delta R.T. 0.01 min

Lab File: VY000039.D

Acq: 13 Sep 2019 12:02

Instrument :

MSVOA_Y

ClientSampleId :

Tot Ion:164 Resp: 4734

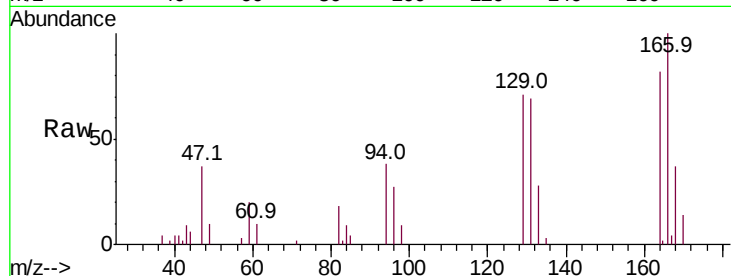
Ion Ratio Lower Upper

164 100

166 122.5 103.4 155.0

129 86.4 73.4 110.0

131 84.0 75.9 113.9

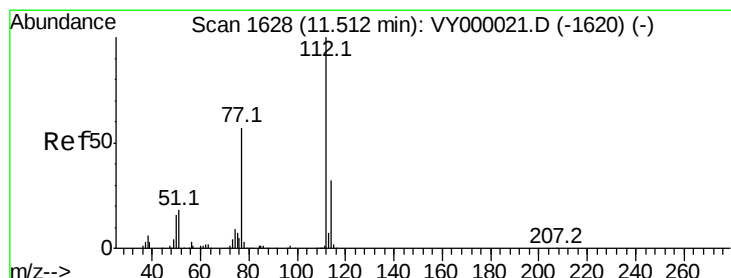
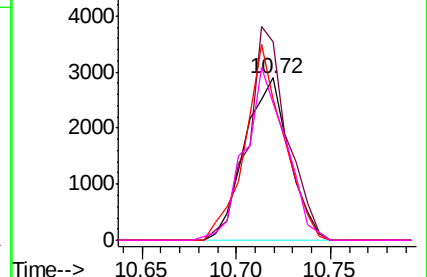
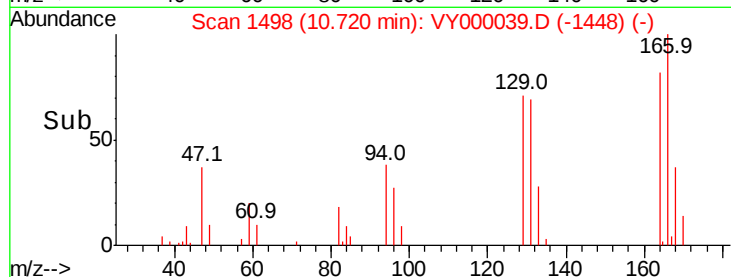


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65

Chlorobenzene

Concen: 3.251 ug/l

RT: 11.51 min Scan# 1628

Delta R.T. -0.00 min

Lab File: VY000039.D

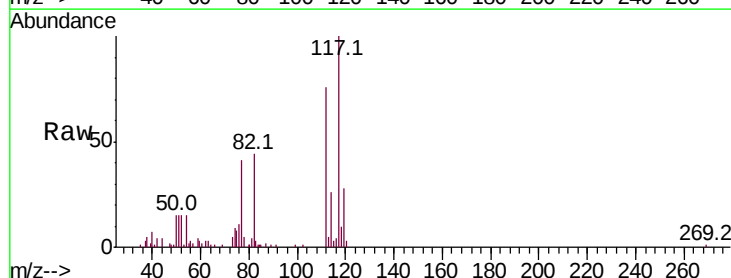
Acq: 13 Sep 2019 12:02

Tgt Ion:112 Resp: 12385

Ion Ratio Lower Upper

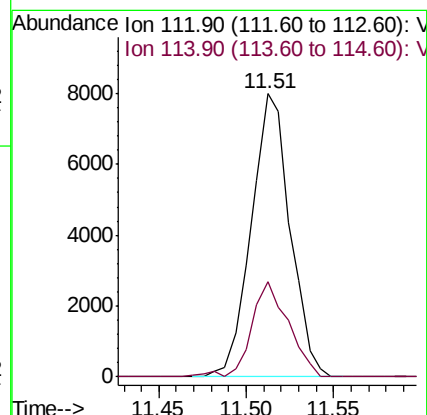
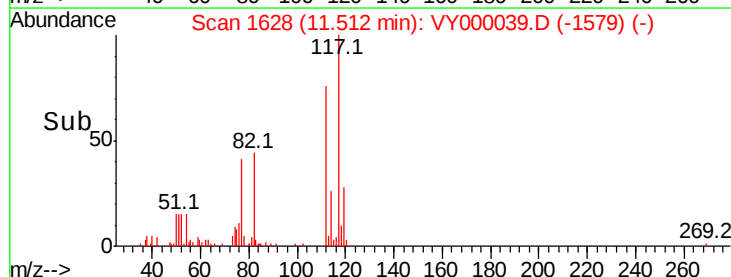
112 100

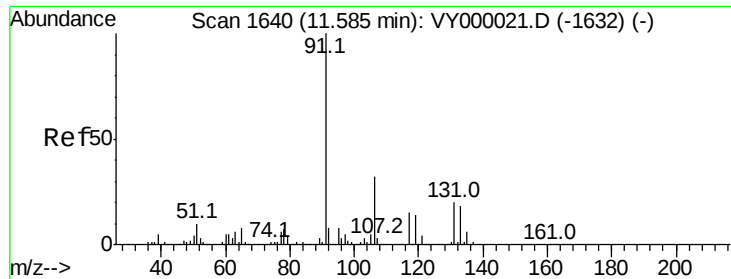
114 33.7 25.4 38.2



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

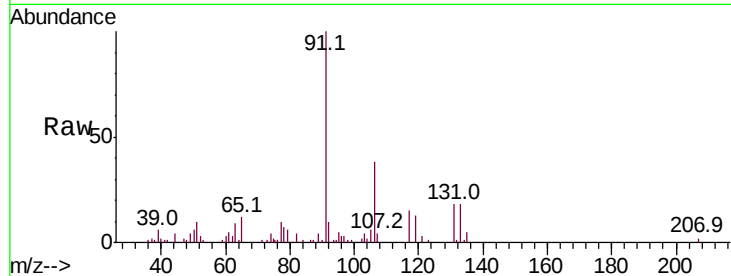




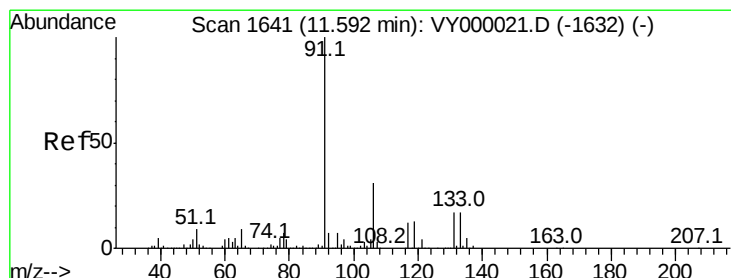
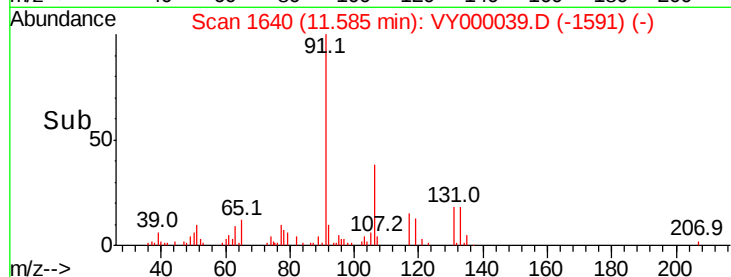
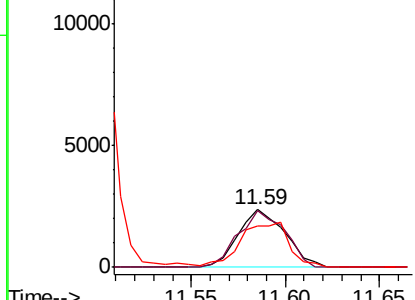
#66
 1,1,1,2-Tetrachloroethane
 Concen: 3.084 ug/l
 RT: 11.59 min Scan# 1640
 Delta R.T. -0.00 min
 Lab File: VY000039.D
 Acq: 13 Sep 2019 12:02

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion:131 Resp: 4071
 Ion Ratio Lower Upper
 131 100
 133 98.3 47.2 141.6
 119 81.1 35.4 106.3

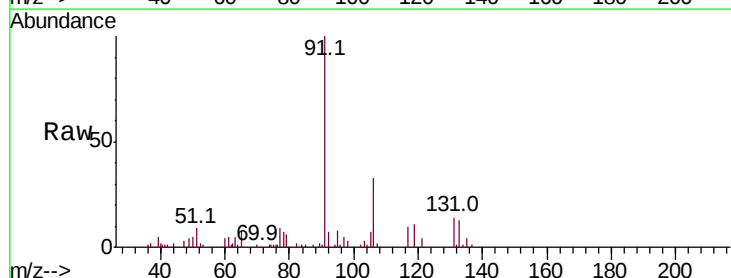


Abundance Ion 130.80 (130.50 to 131.50): V
 Ion 132.80 (132.50 to 133.50): V
 Ion 118.80 (118.50 to 119.50): V

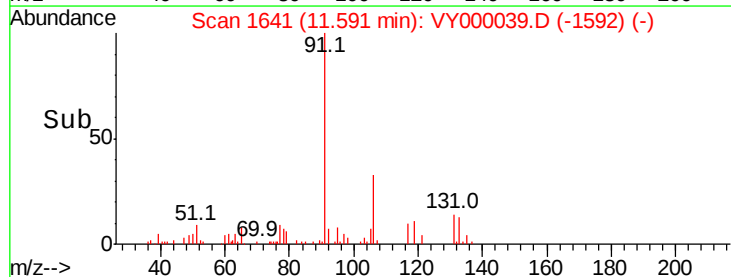
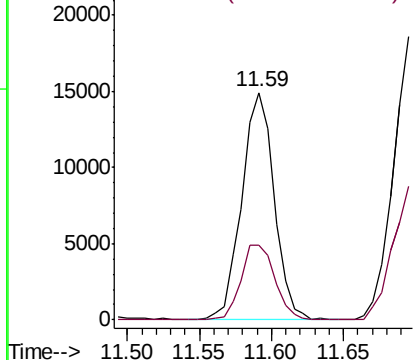


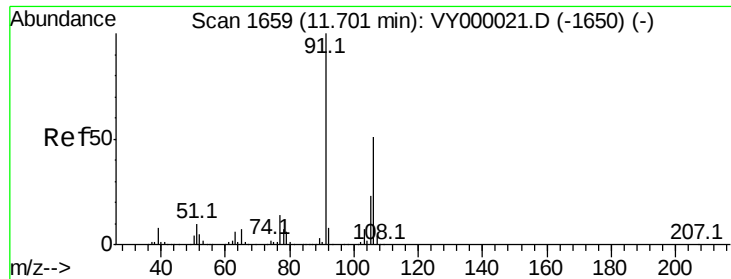
#67
 Ethyl Benzene
 Concen: 3.358 ug/l
 RT: 11.59 min Scan# 1641
 Delta R.T. -0.00 min
 Lab File: VY000039.D
 Acq: 13 Sep 2019 12:02

Tgt Ion: 91 Resp: 23242
 Ion Ratio Lower Upper
 91 100
 106 32.8 24.6 37.0



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





#68

m/p-Xvlenes

Concen: 6.904 ug/l

RT: 11.70 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VY000039.D

Acq: 13 Sep 2019 12:02

Instrument :

MSVOA_Y

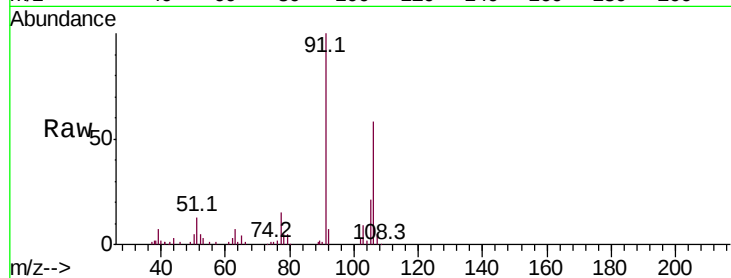
ClientSampleId :

Tot Ion:106 Resp: 18030

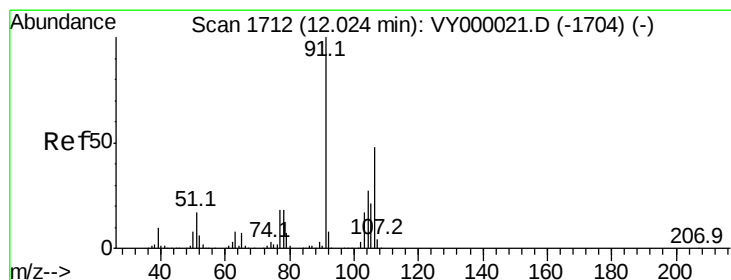
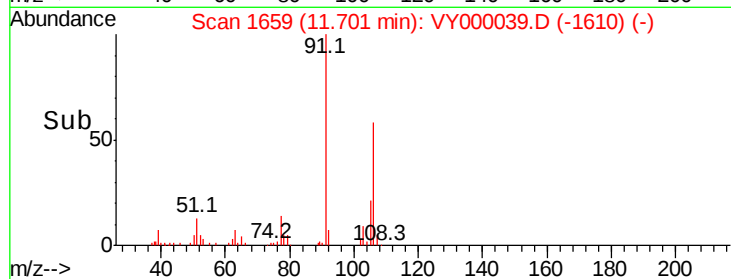
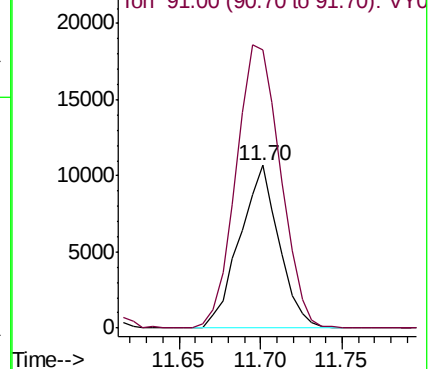
Ion Ratio Lower Upper

106 100

91 195.8 158.5 237.7



Abundance Ion 106.00 (105.70 to 106.70): V



#69

o-Xylene

Concen: 3.546 ug/l

RT: 12.03 min Scan# 1713

Delta R.T. 0.01 min

Lab File: VY000039.D

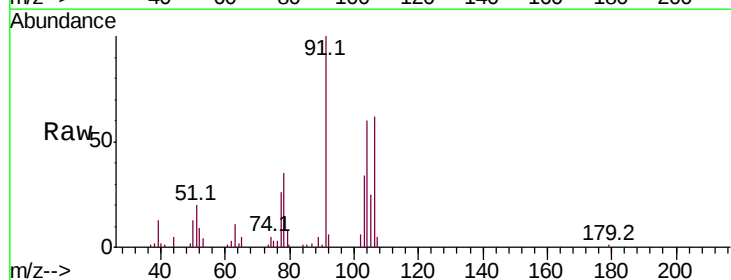
Acq: 13 Sep 2019 12:02

Tgt Ion:106 Resp: 9076

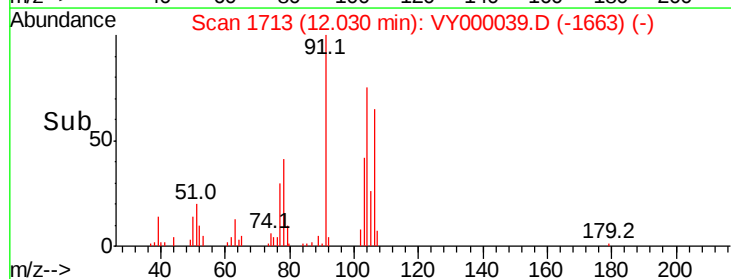
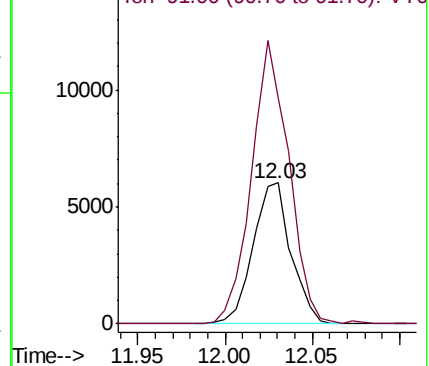
Ion Ratio Lower Upper

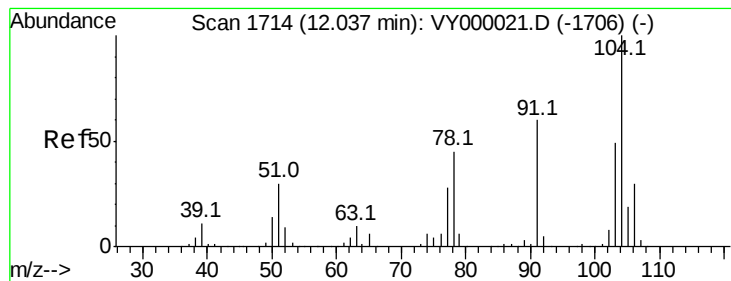
106 100

91 197.1 104.0 312.0



Abundance Ion 106.00 (105.70 to 106.70): V





#70

Stvrene

Concen: 3.426 ug/l

RT: 12.04 min Scan# 1715

Delta R.T. 0.01 min

Lab File: VY000039.D

Acq: 13 Sep 2019 12:02

Instrument :

MSVOA_Y

ClientSampled :

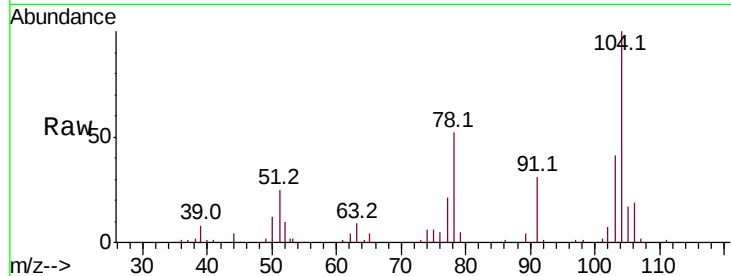
Tot Ion:104 Resp: 15254

Ion Ratio Lower Upper

104 100

78 48.4 38.0 57.0

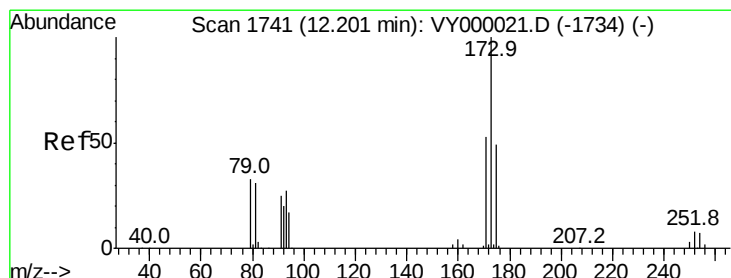
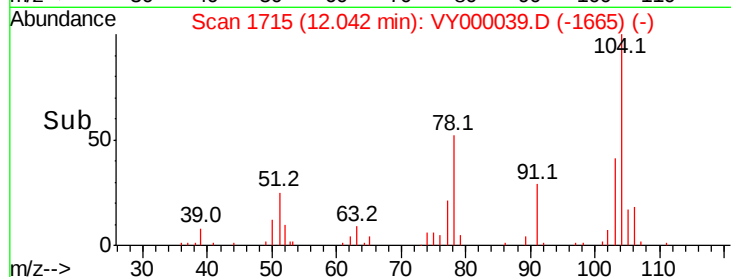
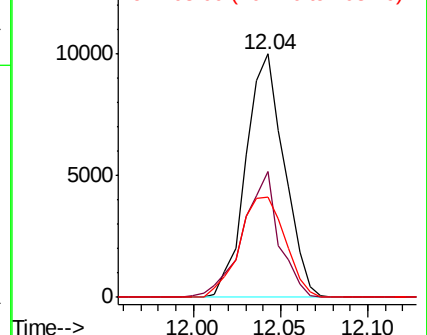
103 48.8 42.4 63.6



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: 2.838 ug/l

RT: 12.21 min Scan# 1742

Delta R.T. 0.01 min

Lab File: VY000039.D

Acq: 13 Sep 2019 12:02

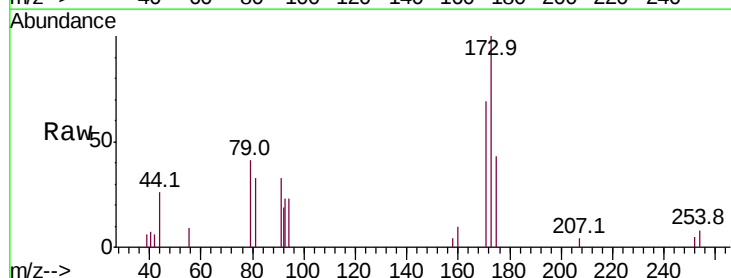
Tgt Ion:173 Resp: 2262

Ion Ratio Lower Upper

173 100

175 47.3 25.1 75.4

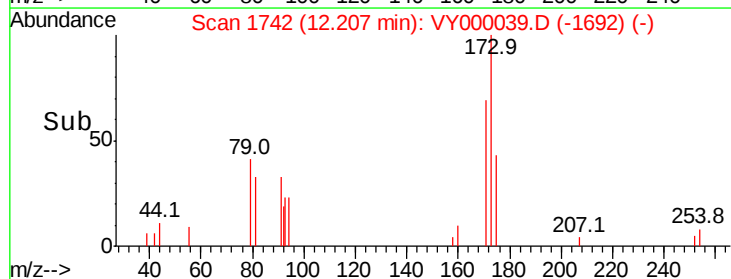
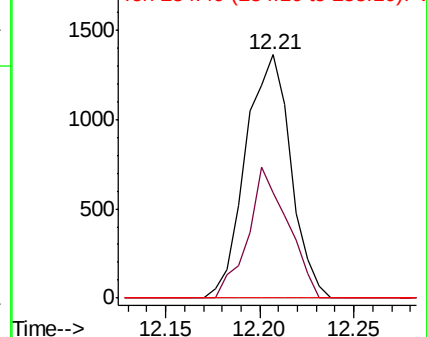
254 0.0 0.0 0.0

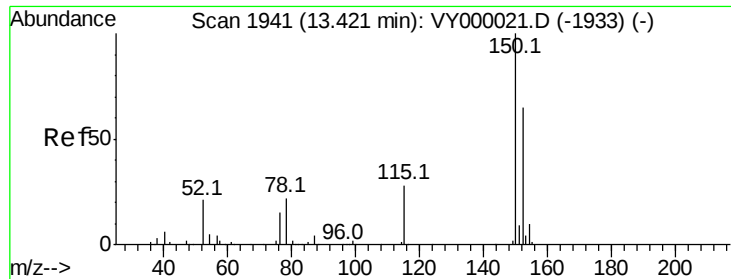


Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



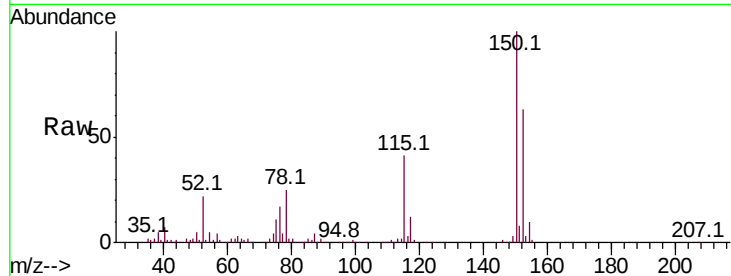


#72

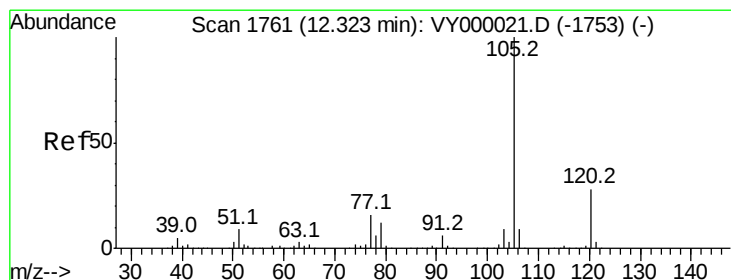
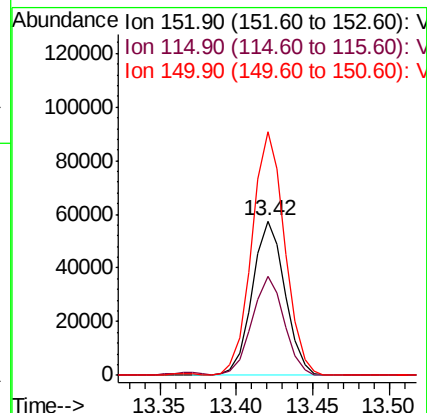
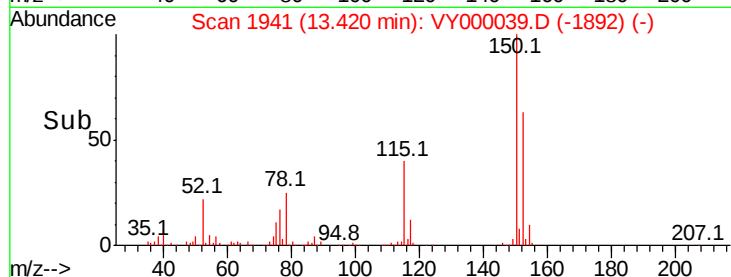
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1941
Delta R.T. -0.00 min
Lab File: VY000039.D
Acq: 13 Sep 2019 12:02

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:152 Resp: 85434
Ion Ratio Lower Upper
152 100
115 63.2 29.4 88.2
150 159.0 0.0 349.0



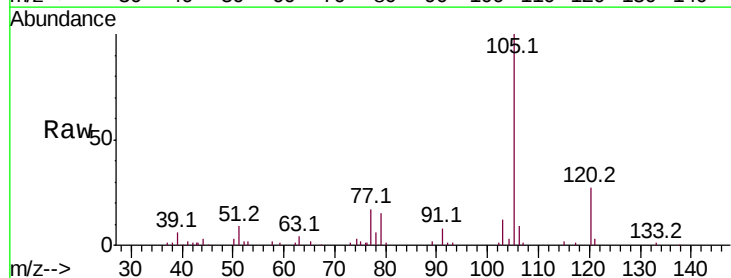
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



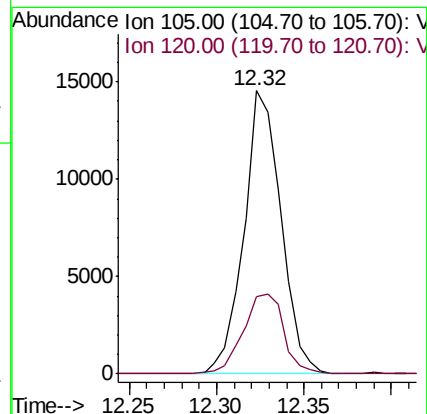
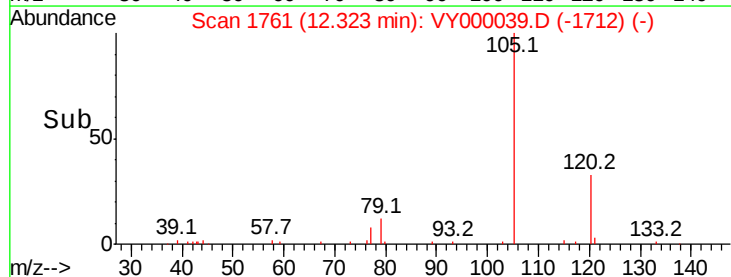
#73

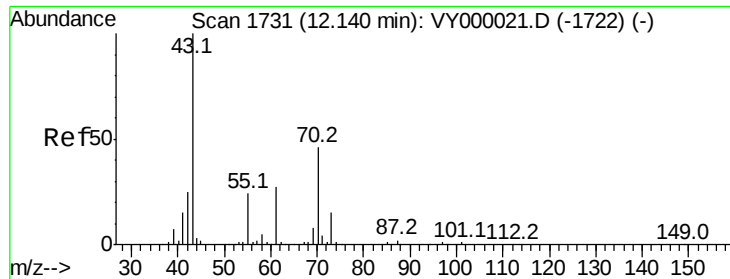
Isopropylbenzene
Concen: 3.280 ug/l
RT: 12.32 min Scan# 1761
Delta R.T. -0.00 min
Lab File: VY000039.D
Acq: 13 Sep 2019 12:02

Tgt Ion:105 Resp: 21412
Ion Ratio Lower Upper
105 100
120 30.8 13.9 41.6



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





#74

N-amvl acetate

Concen: 3.183 ug/l

RT: 12.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VY000039.D

Acq: 13 Sep 2019 12:02

Instrument :

MSVOA_Y

ClientSampleId :

Tot Ion: 43 Resp: 6134

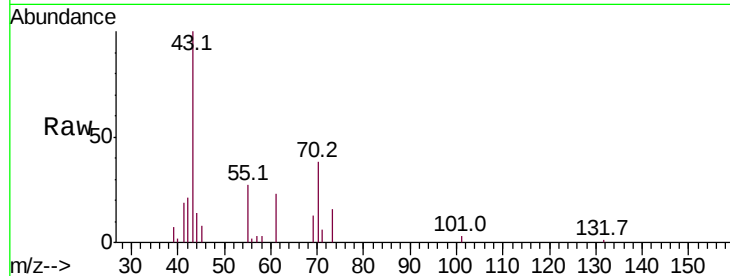
Ion Ratio Lower Upper

43 100

70 49.4 38.1 57.1

55 26.4 18.7 28.1

61 22.4 22.1 33.1

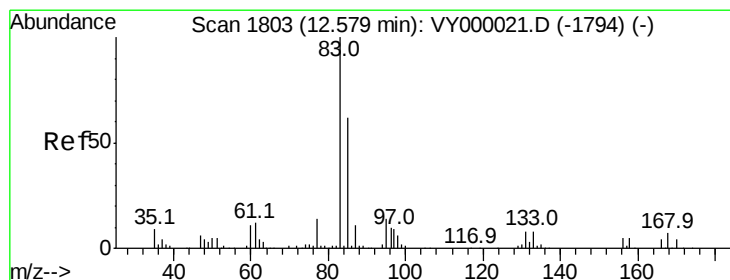
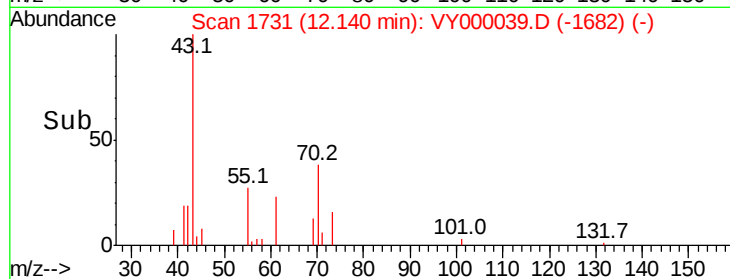
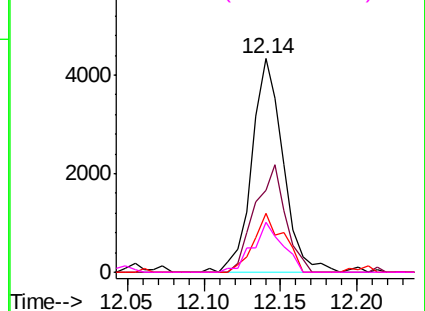


Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0



#75

1,1,2,2-Tetrachloroethane

Concen: 3.207 ug/l

RT: 12.58 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VY000039.D

Acq: 13 Sep 2019 12:02

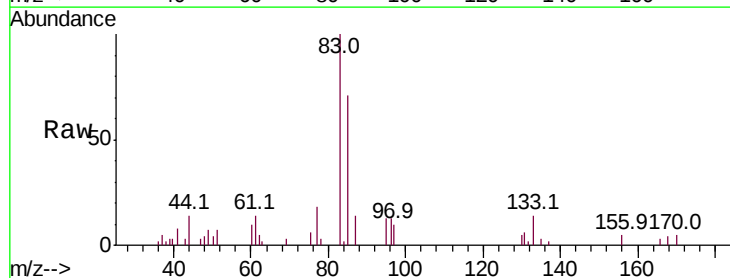
Tgt Ion: 83 Resp: 5006

Ion Ratio Lower Upper

83 100

131 8.9 4.6 13.8

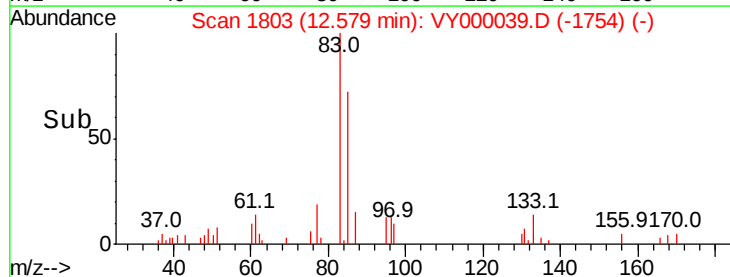
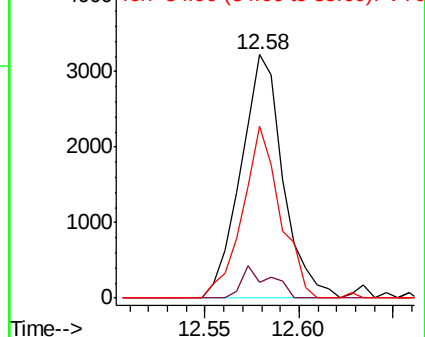
85 63.0 31.8 95.3

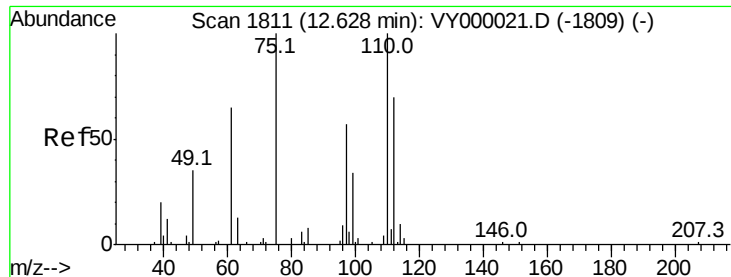


Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VY0





#76

1,2,3-Trichloropropane

Concen: 5.907 ug/l

RT: 12.63 min Scan# 1812

Delta R.T. 0.01 min

Lab File: VY000039.D

Acq: 13 Sep 2019 12:02

Instrument :

MSVOA_Y

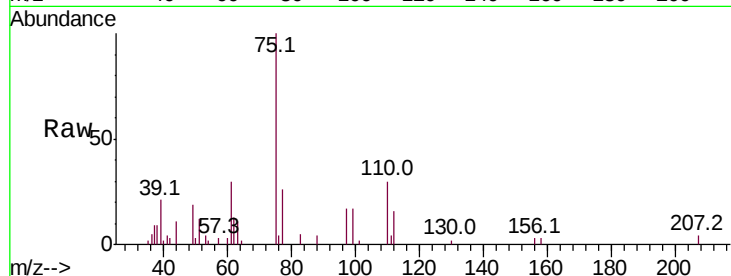
ClientSampleId :

Tot Ion: 75 Resp: 7009

Ion Ratio Lower Upper

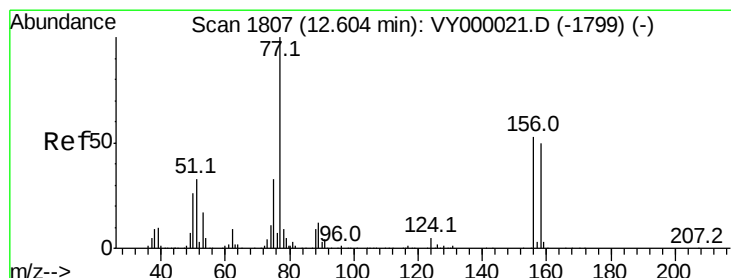
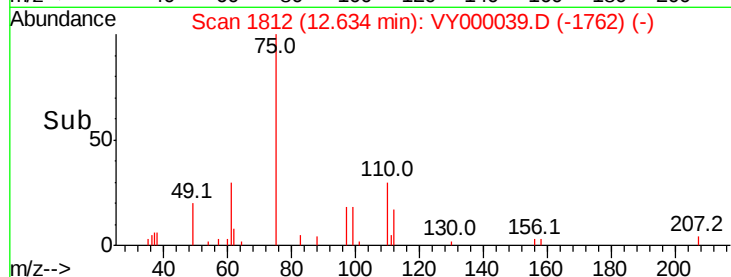
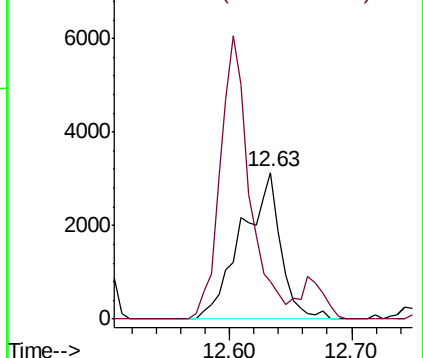
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0



#77

Bromobenzene

Concen: 3.425 ug/l

RT: 12.60 min Scan# 1807

Delta R.T. -0.00 min

Lab File: VY000039.D

Acq: 13 Sep 2019 12:02

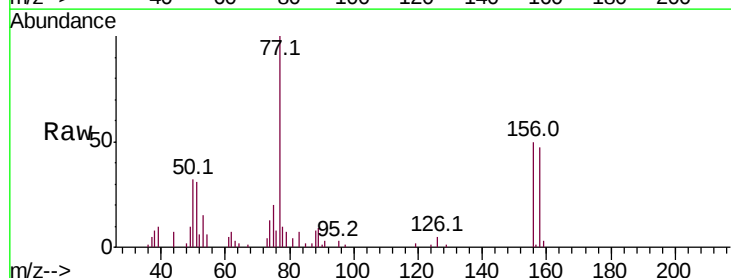
Tgt Ion: 156 Resp: 4729

Ion Ratio Lower Upper

156 100

77 213.7 106.0 317.9

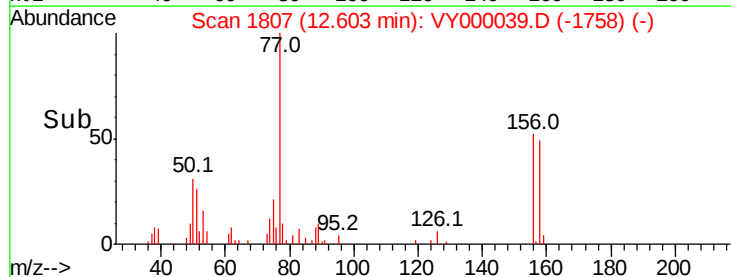
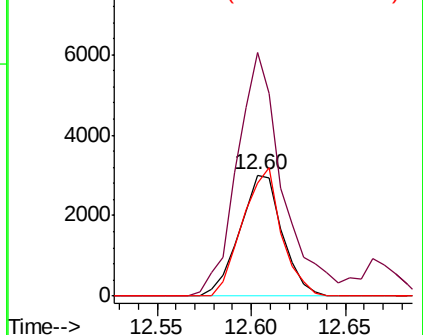
158 96.6 47.3 141.9

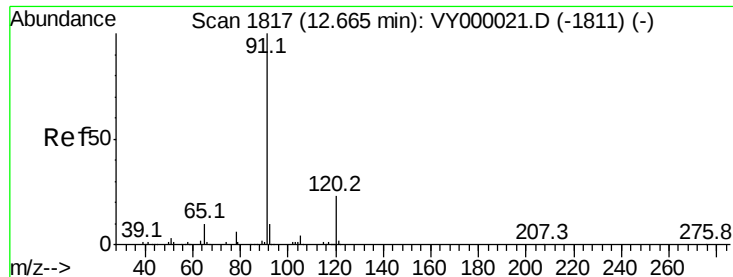


Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V





#78

n-propylbenzene

Concen: 3.551 ug/l

RT: 12.66 min Scan# 1817

Delta R.T. -0.00 min

Lab File: VY000039.D

Acq: 13 Sep 2019 12:02

Instrument :

MSVOA_Y

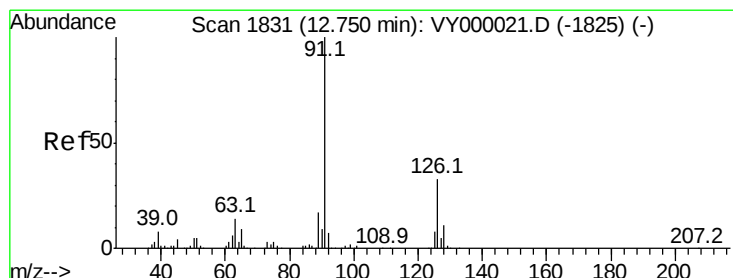
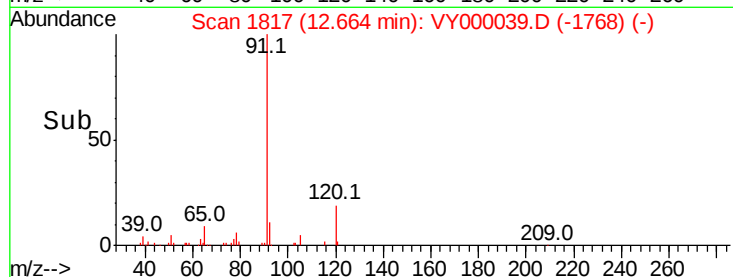
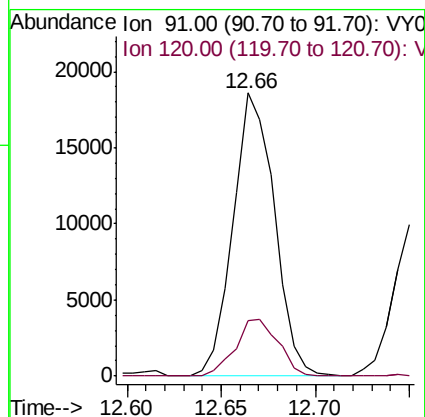
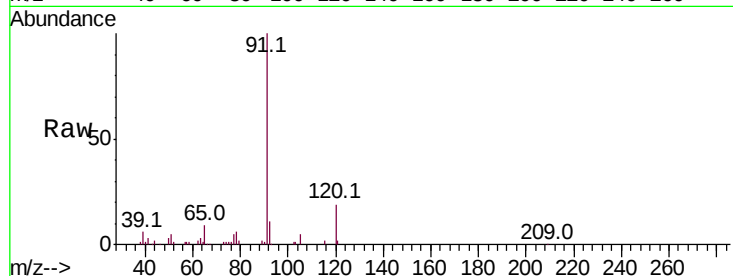
ClientSampleId :

Tot Ion: 91 Resp: 28325

Ion Ratio Lower Upper

91 100

120 20.6 11.6 34.7



#79

2-Chlorotoluene

Concen: 3.455 ug/l

RT: 12.75 min Scan# 1831

Delta R.T. -0.00 min

Lab File: VY000039.D

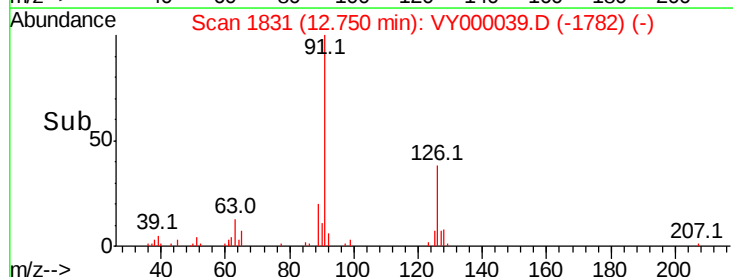
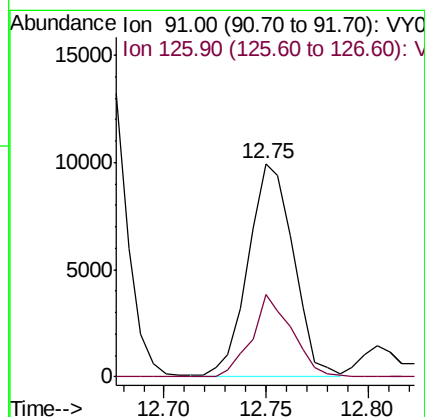
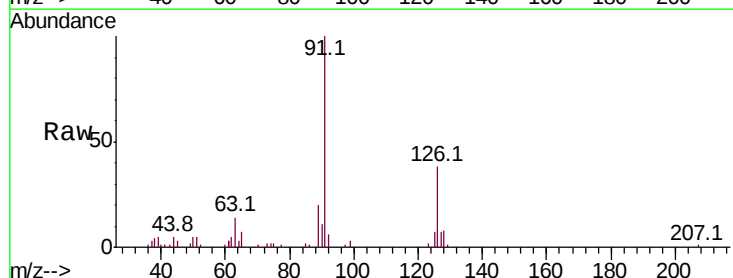
Acq: 13 Sep 2019 12:02

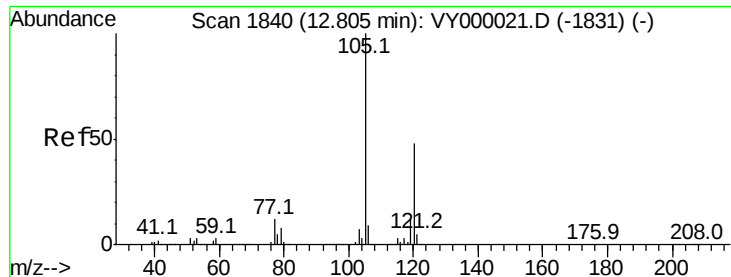
Tgt Ion: 91 Resp: 15414

Ion Ratio Lower Upper

91 100

126 34.3 16.9 50.7





#80

1,3,5-Trimethylbenzene

Concen: 3.439 ug/l

RT: 12.81 min Scan# 1841

Delta R.T. 0.01 min

Lab File: VY000039.D

Acq: 13 Sep 2019 12:02

Instrument :

MSVOA_Y

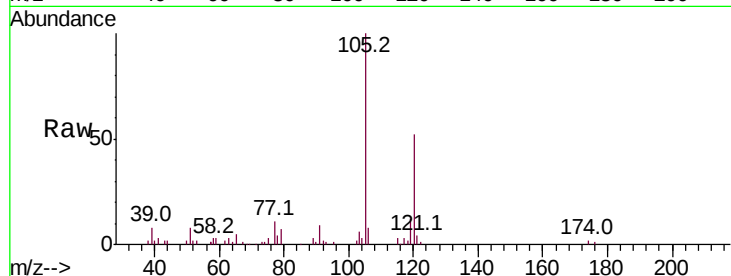
ClientSampleId :

Tot Ion:105 Resp: 18744

Ion Ratio Lower Upper

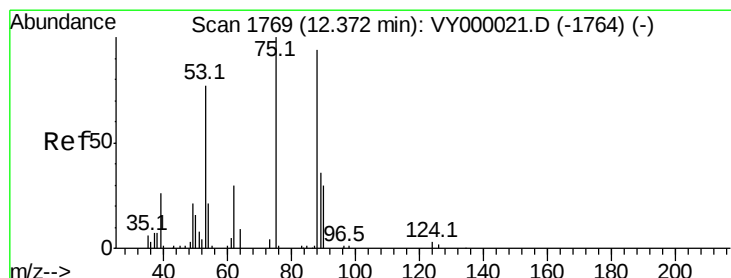
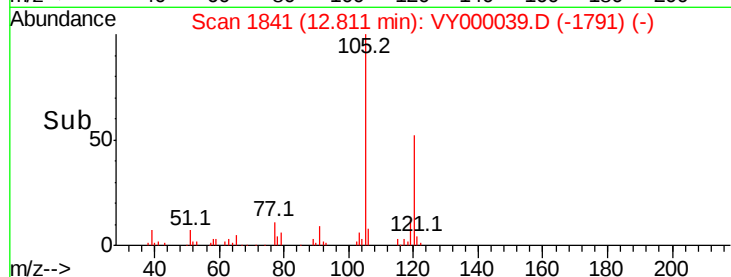
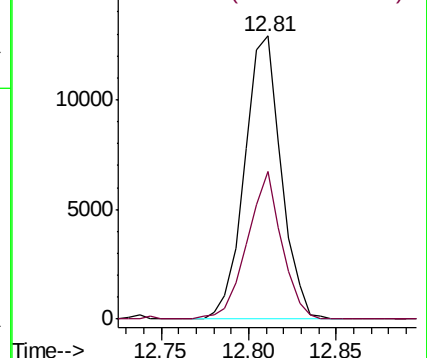
105 100

120 49.0 24.3 73.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 3.387 ug/l

RT: 12.38 min Scan# 1770

Delta R.T. 0.01 min

Lab File: VY000039.D

Acq: 13 Sep 2019 12:02

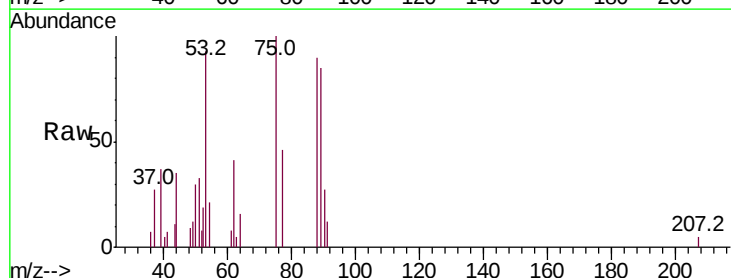
Tgt Ion: 75 Resp: 2026

Ion Ratio Lower Upper

75 100

53 81.4 64.2 96.2

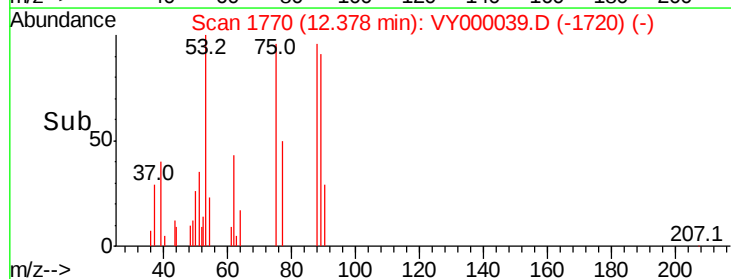
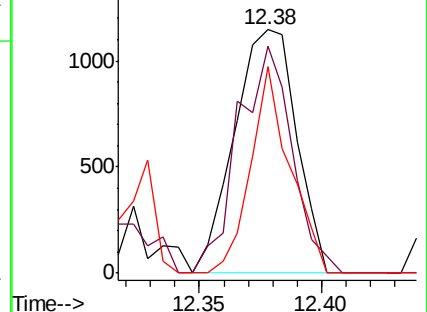
89 53.9 35.5 53.3#

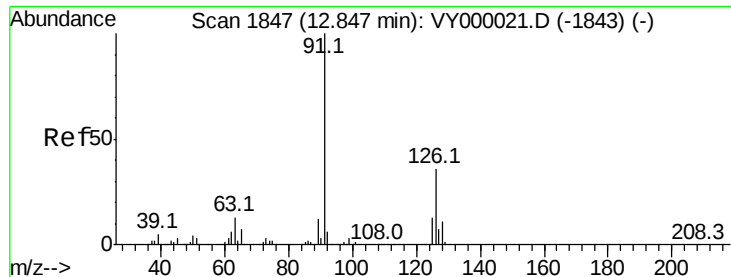


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0

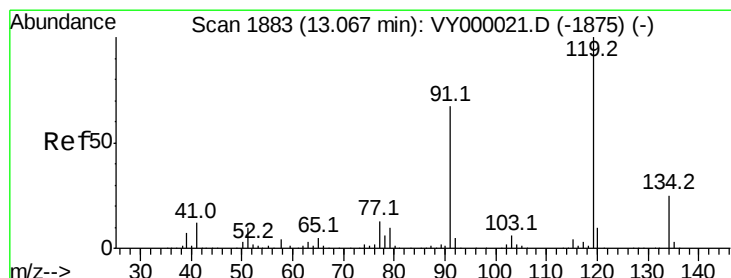
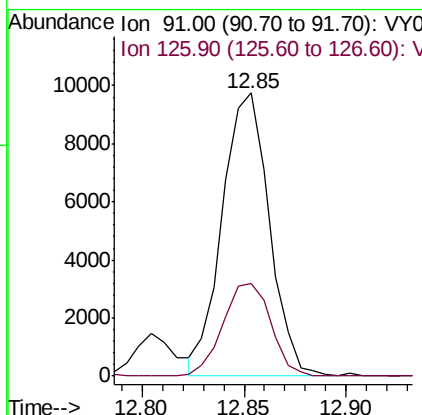
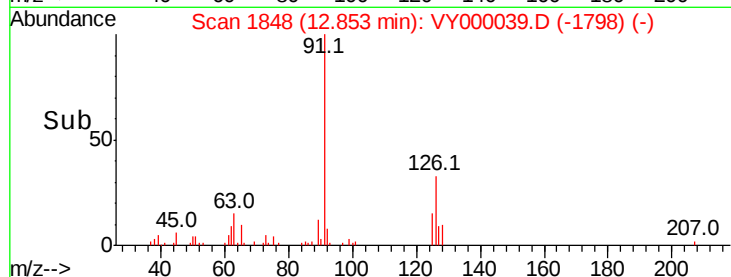
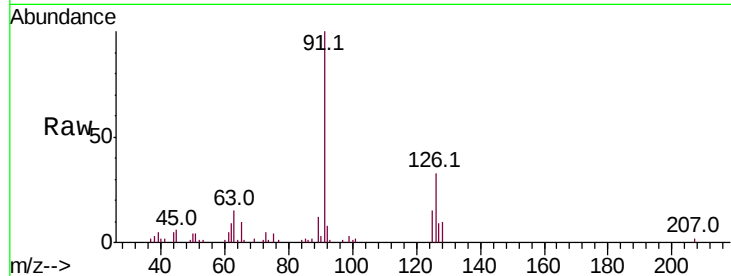




#82
 4-Chlorotoluene
 Concen: 3.329 ug/l
 RT: 12.85 min Scan# 1848
 Delta R.T. 0.01 min
 Lab File: VY000039.D
 Acq: 13 Sep 2019 12:02

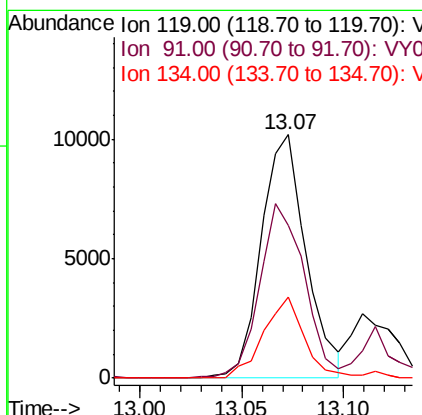
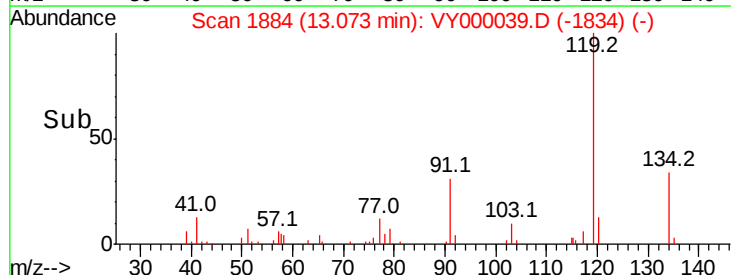
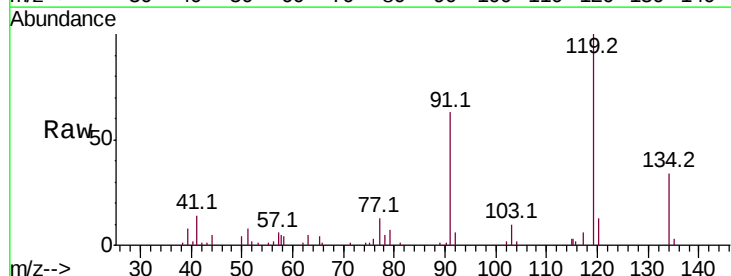
Instrument :
 MSVOA_Y
 ClientSampled :

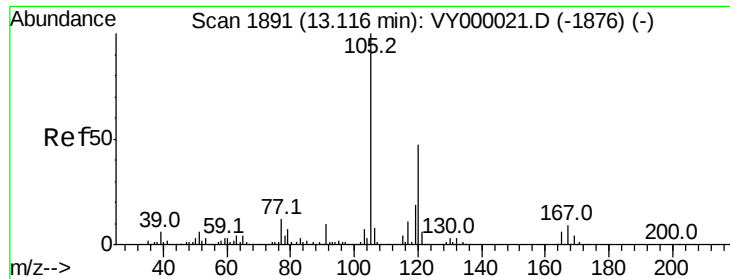
Tot Ion: 91 Resp: 15585
 Ion Ratio Lower Upper
 91 100
 126 33.4 17.2 51.5



#83
 tert-Butylbenzene
 Concen: 3.327 ug/l
 RT: 13.07 min Scan# 1884
 Delta R.T. 0.01 min
 Lab File: VY000039.D
 Acq: 13 Sep 2019 12:02

Tgt Ion: 119 Resp: 15582
 Ion Ratio Lower Upper
 119 100
 91 72.0 33.1 99.5
 134 30.3 13.5 40.5





#84

1,2,4-Trimethylbenzene

Concen: 3.228 ug/l

RT: 13.12 min Scan# 1891

Delta R.T. -0.00 min

Lab File: VY000039.D

Acq: 13 Sep 2019 12:02

Instrument :

MSVOA_Y

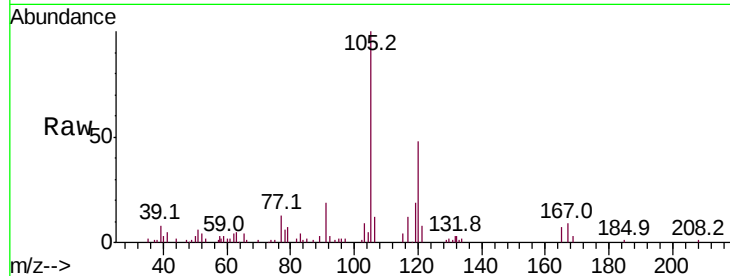
ClientSampleId :

Tot Ion:105 Resp: 17380

Ion Ratio Lower Upper

105 100

120 50.2 23.1 69.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

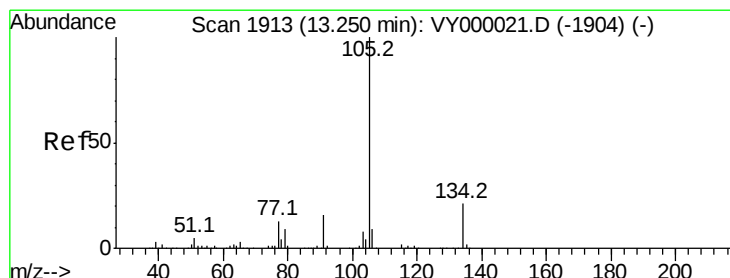
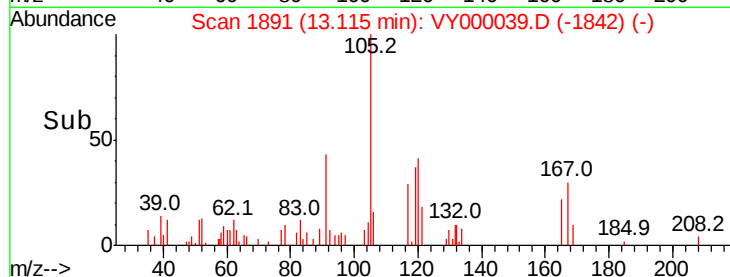
13.12

10000

5000

0

Time--> 13.00 13.10



#85

sec-Butylbenzene

Concen: 3.412 ug/l

RT: 13.25 min Scan# 1913

Delta R.T. -0.00 min

Lab File: VY000039.D

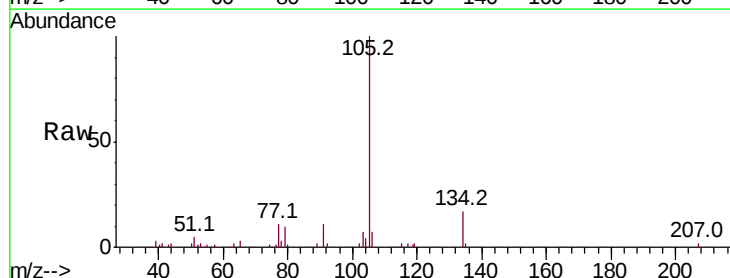
Acq: 13 Sep 2019 12:02

Tgt Ion:105 Resp: 23584

Ion Ratio Lower Upper

105 100

134 18.9 10.1 30.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.25

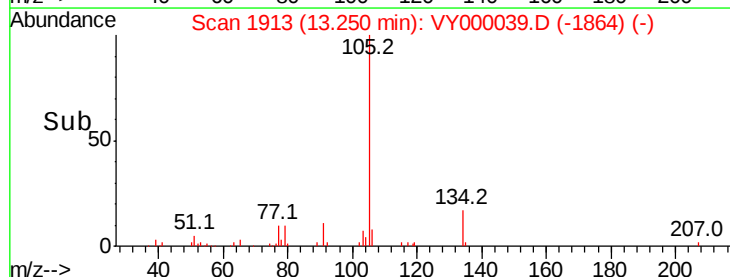
15000

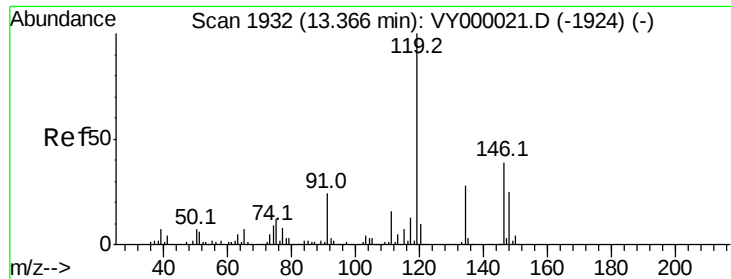
10000

5000

0

Time--> 13.20 13.25 13.30

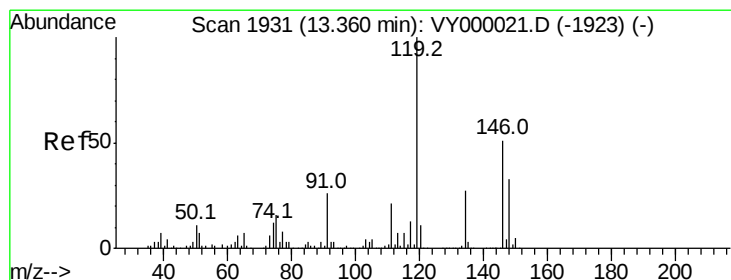
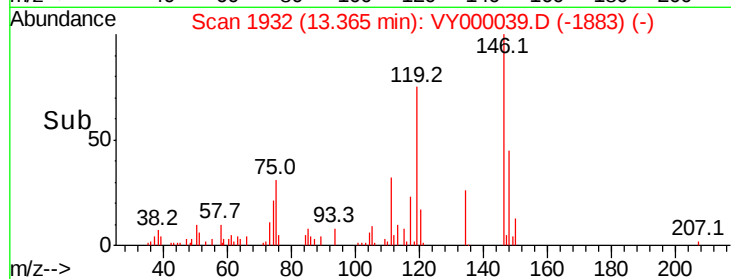
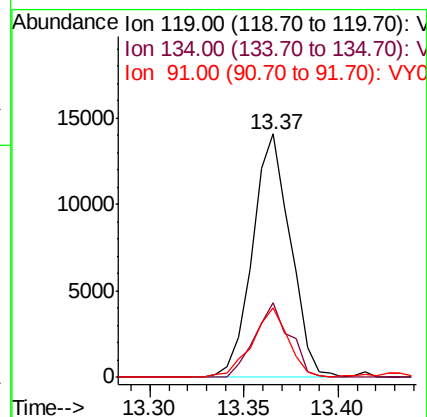
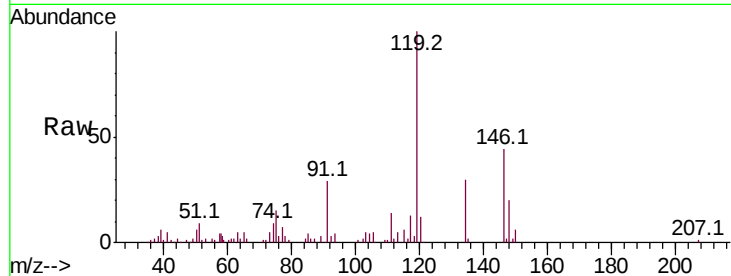




#86
p-Isopropyltoluene
Concen: 3.354 ug/l
RT: 13.37 min Scan# 1932
Delta R.T. -0.00 min
Lab File: VY000039.D
Acq: 13 Sep 2019 12:02

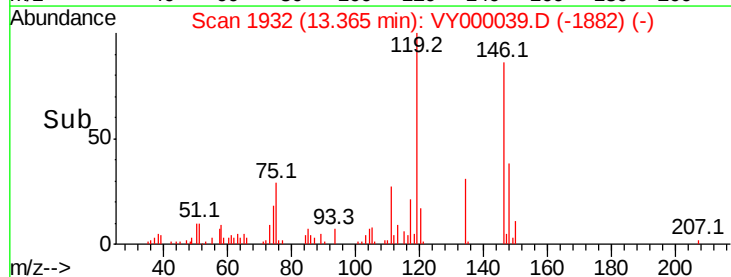
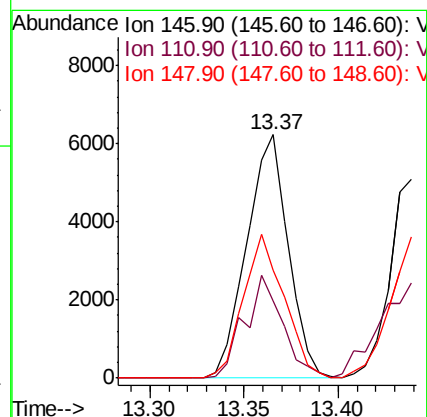
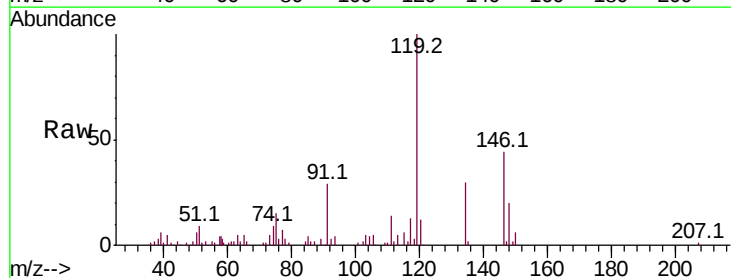
Instrument :
MSVOA_Y
ClientSampleId :

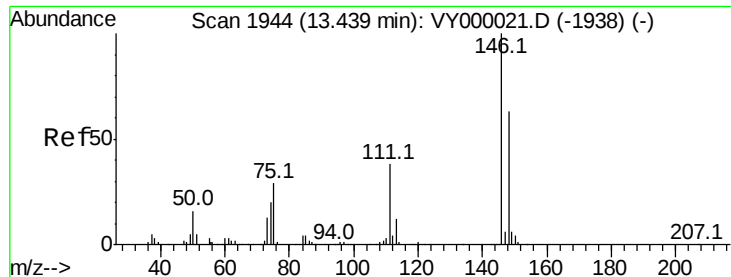
Tot Ion:119 Resp: 19662
Ion Ratio Lower Upper
119 100
134 28.2 13.8 41.3
91 27.0 12.4 37.2



#87
1,3-Dichlorobenzene
Concen: 3.421 ug/l
RT: 13.37 min Scan# 1932
Delta R.T. 0.01 min
Lab File: VY000039.D
Acq: 13 Sep 2019 12:02

Tgt Ion:146 Resp: 9506
Ion Ratio Lower Upper
146 100
111 39.0 21.2 63.6
148 58.3 32.1 96.5

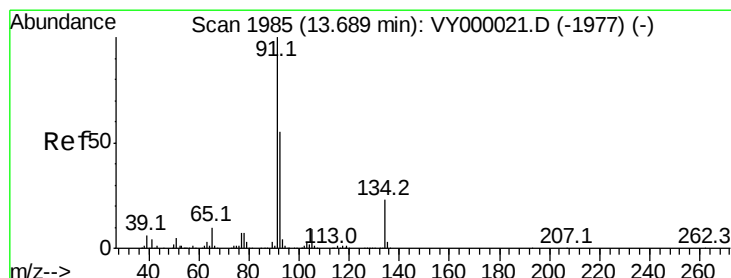
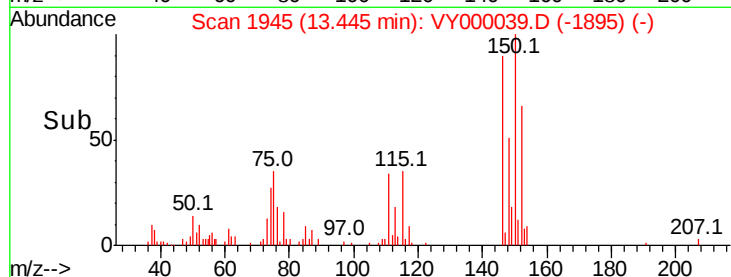
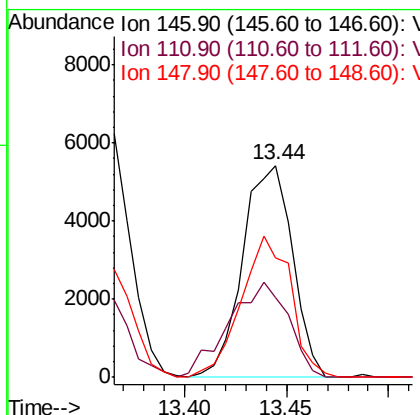
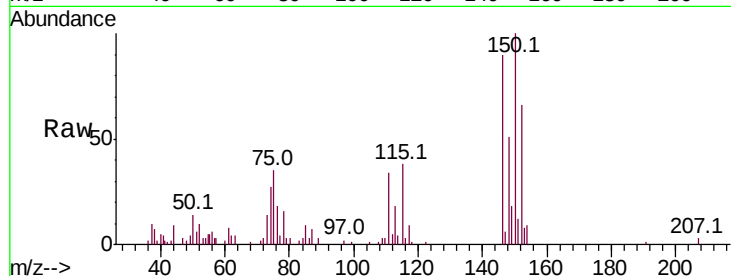




#88
 1,4-Dichlorobenzene
 Concen: 3.299 ug/l
 RT: 13.44 min Scan# 1945
 Delta R.T. 0.01 min
 Lab File: VY000039.D
 Acq: 13 Sep 2019 12:02

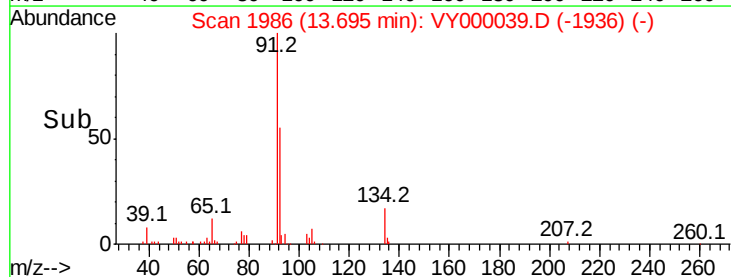
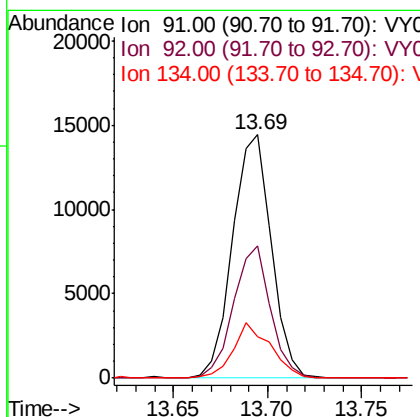
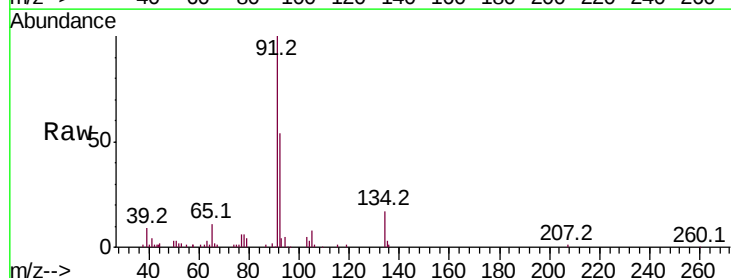
Instrument :
 MSVOA_Y
 ClientSampleId :

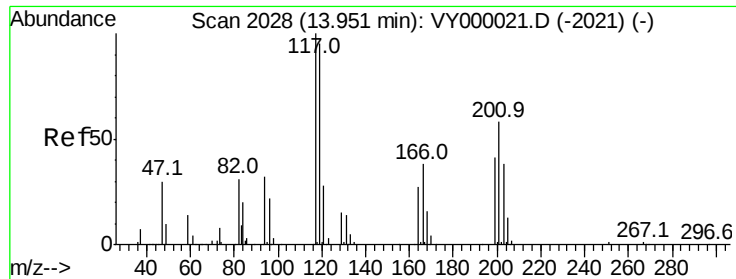
Tot Ion:146 Resp: 9226
 Ion Ratio Lower Upper
 146 100
 111 53.7 20.3 60.9
 148 66.3 31.7 95.1



#89
 n-Butylbenzene
 Concen: 3.462 ug/l
 RT: 13.69 min Scan# 1986
 Delta R.T. 0.01 min
 Lab File: VY000039.D
 Acq: 13 Sep 2019 12:02

Tgt Ion: 91 Resp: 20570
 Ion Ratio Lower Upper
 91 100
 92 51.9 27.2 81.6
 134 22.0 12.6 37.6





#90

Hexachloroethane

Concen: 3.182 ug/l

RT: 13.95 min Scan# 2028

Delta R.T. -0.00 min

Lab File: VY000039.D

Acq: 13 Sep 2019 12:02

Instrument :

MSVOA_Y

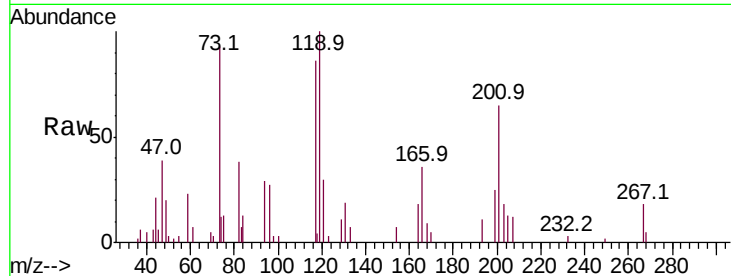
ClientSampleId :

Tot Ion:117 Resp: 3728

Ion Ratio Lower Upper

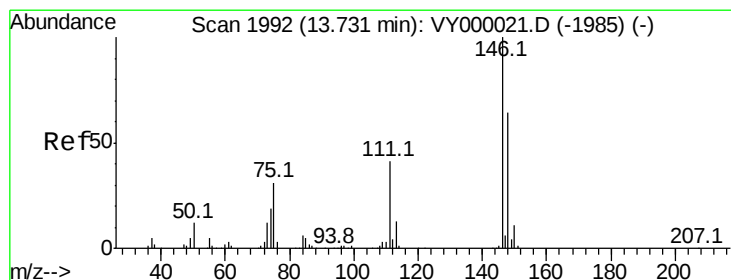
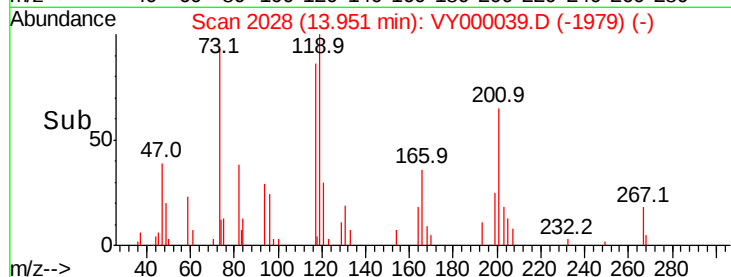
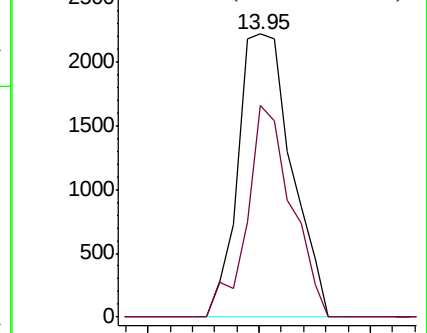
117 100

201 62.1 31.4 94.0



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#91

1,2-Dichlorobenzene

Concen: 3.328 ug/l

RT: 13.73 min Scan# 1992

Delta R.T. -0.00 min

Lab File: VY000039.D

Acq: 13 Sep 2019 12:02

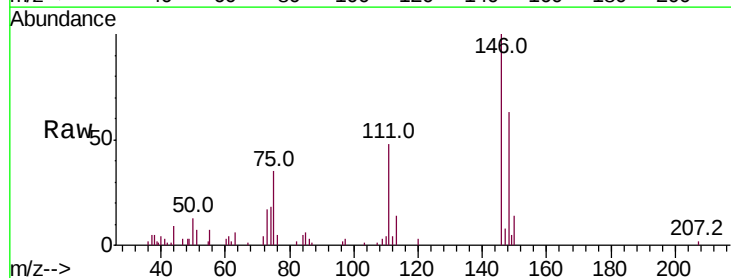
Tgt Ion:146 Resp: 8607

Ion Ratio Lower Upper

146 100

111 48.6 21.0 63.0

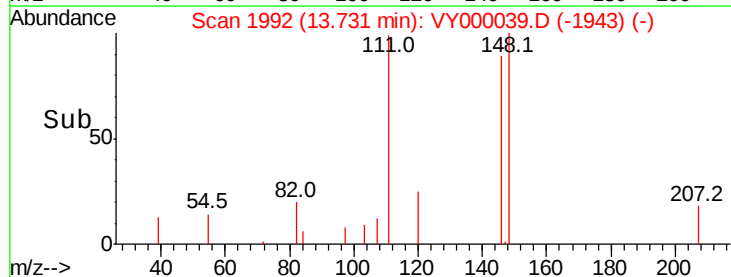
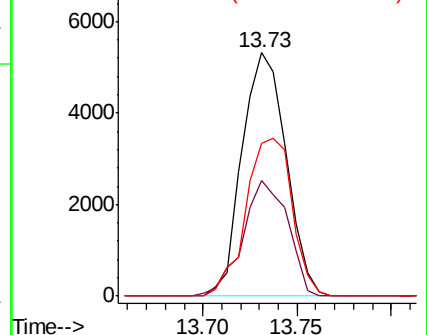
148 68.2 31.6 95.0

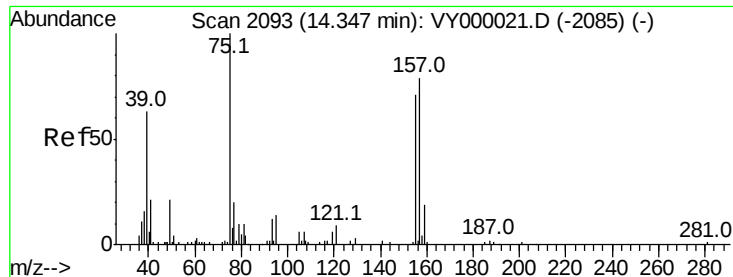


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#92

1,2-Dibromo-3-Chloropropane

Concen: 1.309 ug/l

RT: 14.35 min Scan# 2093

Delta R.T. -0.00 min

Lab File: VY000039.D

Acq: 13 Sep 2019 12:02

Instrument :

MSVOA_Y

ClientSampleId :

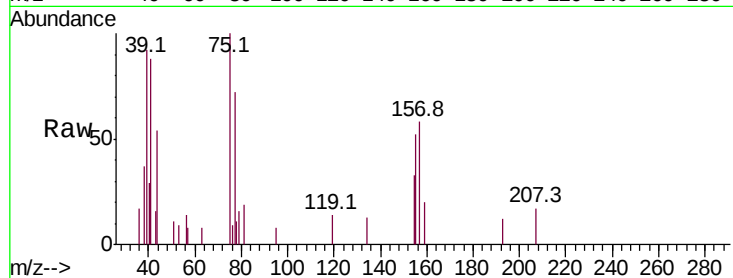
Tot Ion: 75 Resp: 1266

Ion Ratio Lower Upper

75 100

155 67.0 41.8 125.3

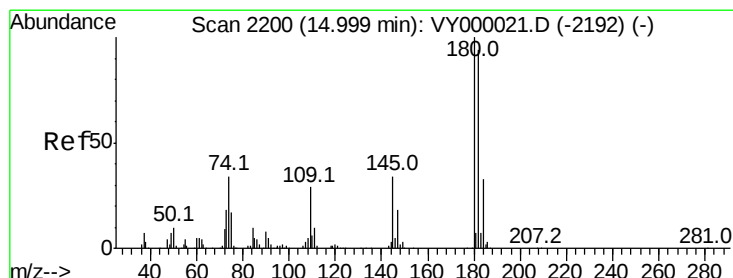
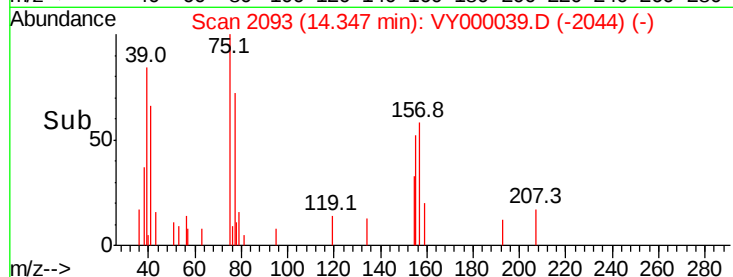
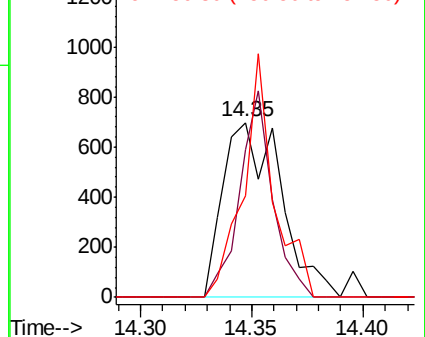
157 74.2 51.3 153.9



Abundance Ion 74.90 (74.60 to 75.60): VY000021.D (-2085) (-)

Ion 154.80 (154.50 to 155.50): VY000039.D (-2044) (-)

Ion 156.80 (156.50 to 157.50): VY000039.D (-2044) (-)



#93

1,2,4-Trichlorobenzene

Concen: 3.319 ug/l

RT: 15.01 min Scan# 2201

Delta R.T. 0.01 min

Lab File: VY000039.D

Acq: 13 Sep 2019 12:02

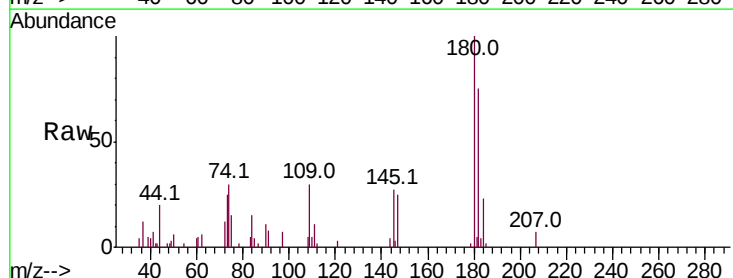
Tgt Ion: 180 Resp: 5477

Ion Ratio Lower Upper

180 100

182 81.9 47.0 141.0

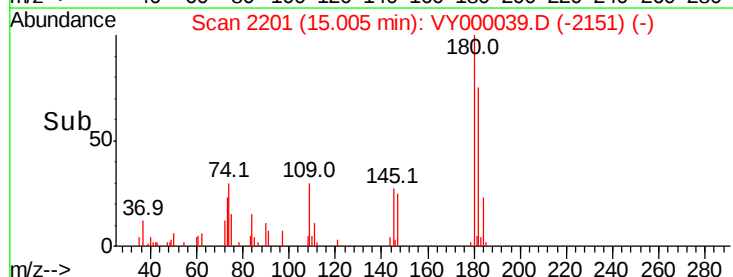
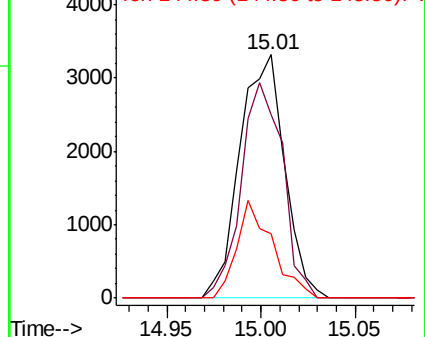
145 31.9 16.7 50.1

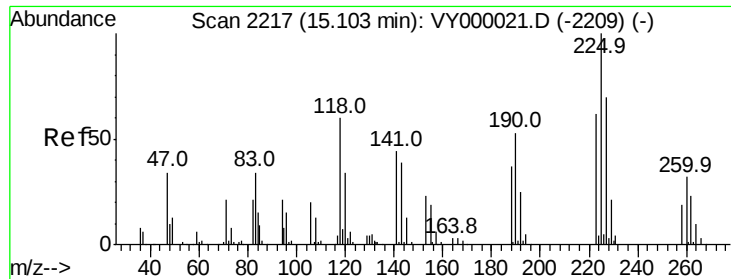


Abundance Ion 179.80 (179.50 to 180.50): VY000021.D (-2192) (-)

Ion 181.80 (181.50 to 182.50): VY000039.D (-2151) (-)

Ion 144.80 (144.50 to 145.50): VY000039.D (-2151) (-)





#94

Hexachlorobutadiene

Concen: 3.378 ug/l

RT: 15.10 min Scan# 2217

Delta R.T. -0.00 min

Lab File: VY000039.D

Acq: 13 Sep 2019 12:02

Instrument :

MSVOA_Y

ClientSampled :

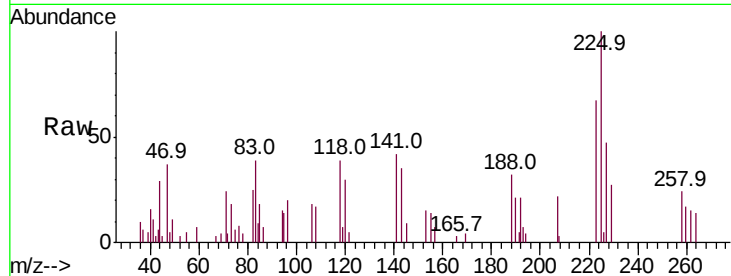
Tot Ion:225 Resp: 2557

Ion Ratio Lower Upper

225 100

223 66.5 30.9 92.7

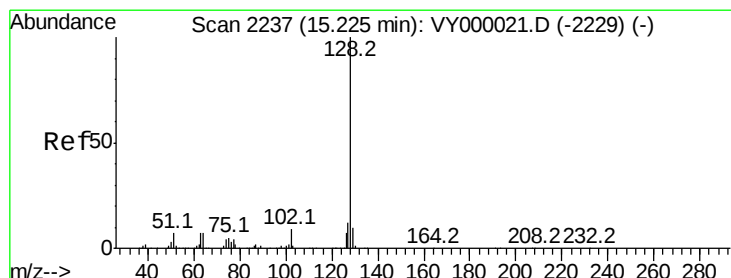
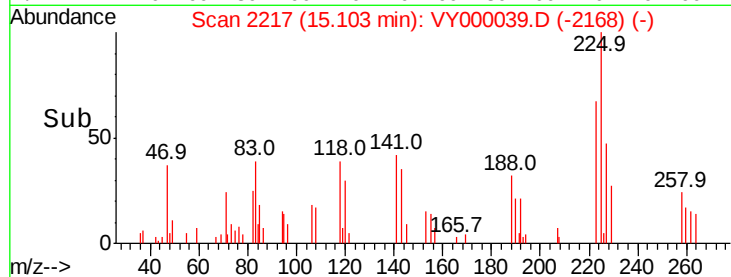
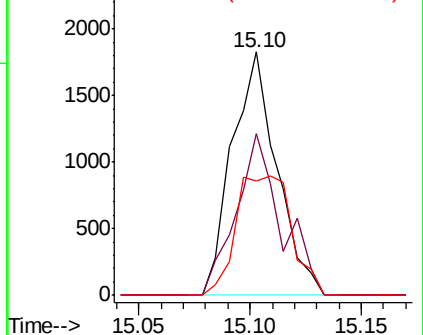
227 61.2 31.0 93.0



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 3.088 ug/l

RT: 15.22 min Scan# 2237

Delta R.T. -0.00 min

Lab File: VY000039.D

Acq: 13 Sep 2019 12:02

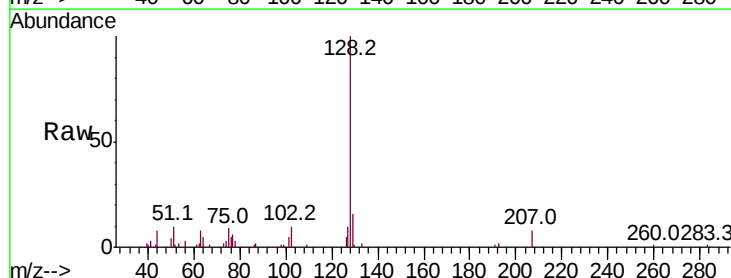
Tgt Ion:128 Resp: 13942

Ion Ratio Lower Upper

128 100

127 11.0 9.8 14.8

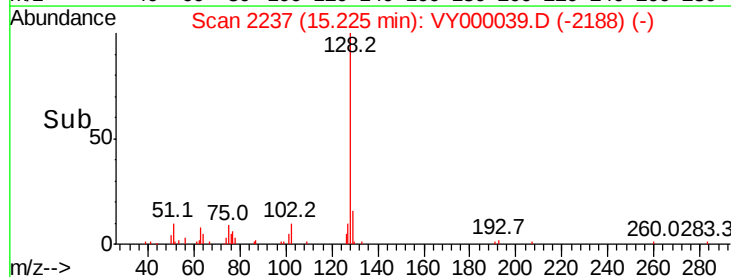
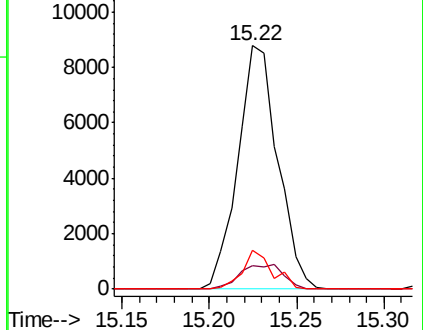
129 11.7 8.7 13.1

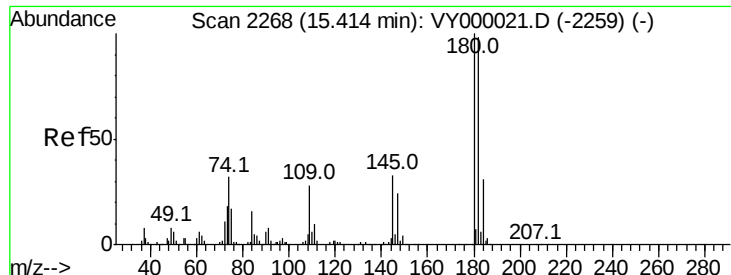


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#96

1,2,3-Trichlorobenzene

Concen: 3.059 ug/l

RT: 15.42 min Scan# 2269

Delta R.T. 0.01 min

Lab File: VY000039.D

Acq: 13 Sep 2019 12:02

Instrument :

MSVOA_Y

ClientSampleId :

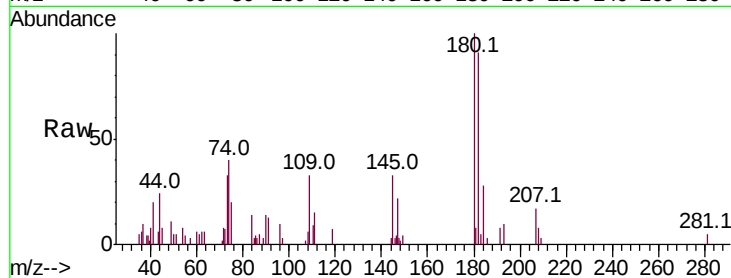
Tot Ion:180 Resp: 4532

Ion Ratio Lower Upper

180 100

182 86.8 46.8 140.4

145 38.6 17.3 51.7



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

