

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY101019\
 Data File : VY000261.D
 Acq On : 10 Oct 2019 18:14
 Operator : SY/MD
 Sample : 2.5PPBMDL
 Misc : 5.0ml/MSVOA Y/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 11 05:55:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y100819W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 10 02:22:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	244228	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	409759	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	350455	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	160022	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	157826	50.24	ug/l	0.00
Spiked Amount			Recovery	=	100.48%	
35) Dibromofluoromethane	7.73	113	125873	49.30	ug/l	0.00
Spiked Amount			Recovery	=	98.60%	
50) Toluene-d8	10.19	98	465541	46.42	ug/l	0.00
Spiked Amount			Recovery	=	92.84%	
62) 4-Bromofluorobenzene	12.48	95	158937	44.90	ug/l	0.00
Spiked Amount			Recovery	=	89.80%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.90	85	5473	2.245	ug/l	98
3) Chloromethane	2.11	50	7218	2.174	ug/l	99
4) Vinyl Chloride	2.25	62	7751	2.261	ug/l #	88
5) Bromomethane	2.64	94	7538	3.485	ug/l	82
6) Chloroethane	2.79	64	4987	2.303	ug/l	91
7) Trichlorofluoromethane	3.11	101	9388	2.119	ug/l	89
8) Diethyl Ether	3.52	74	4853	2.396	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.90	101	5412	2.092	ug/l	94
10) Methyl Iodide	4.09	142	5901	1.962	ug/l #	78
11) Tert butyl alcohol	4.97	59	28152	16.497	ug/l	97
12) 1,1-Dichloroethene	3.88	96	6555	2.441	ug/l #	89
13) Acrolein	3.73	56	11837	13.214	ug/l	92
14) Allyl chloride	4.48	41	10466	2.313	ug/l	94
15) Acrylonitrile	5.17	53	36168	12.006	ug/l	99
16) Acetone	3.96	43	35911	14.435	ug/l	98
17) Carbon Disulfide	4.20	76	15364	1.941	ug/l #	86
18) Methyl Acetate	4.49	43	17558	2.575	ug/l	98
19) Methyl tert-butyl Ether	5.24	73	23989	2.442	ug/l #	79
20) Methylene Chloride	4.73	84	8224	2.516	ug/l	93
21) trans-1,2-Dichloroethene	5.24	96	7259	2.403	ug/l #	71
22) Diisopropyl ether	6.14	45	23966	2.286	ug/l #	92
23) Vinyl Acetate	6.07	43	103802	12.227	ug/l	99
24) 1,1-Dichloroethane	6.03	63	12366	2.313	ug/l	97
25) 2-Butanone	7.00	43	56430	12.261	ug/l	97
26) 2,2-Dichloropropane	6.99	77	11452	2.373	ug/l	95
27) cis-1,2-Dichloroethene	7.00	96	7892	2.218	ug/l	95
28) Bromochloromethane	7.34	49	5328	3.027	ug/l #	99
29) Tetrahydrofuran	7.36	42	36494	11.228	ug/l	94
30) Chloroform	7.53	83	13736	2.475	ug/l	85
31) Cyclohexane	7.80	56	14973	2.772	ug/l #	65
32) 1,1,1-Trichloroethane	7.72	97	11046	2.341	ug/l	97
36) 1,1-Dichloropropene	7.93	75	9111	2.185	ug/l	94
37) Ethyl Acetate	7.09	43	17053	2.263	ug/l	96
38) Carbon Tetrachloride	7.91	117	9893	2.435	ug/l #	70

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	10458	1.999	ug/l	95
40) Benzene	8.17	78	29901	2.364	ug/l	95
41) Methacrylonitrile	7.36	41	28614	4.823	ug/l #	54
42) 1,2-Dichloroethane	8.25	62	11229	2.733	ug/l	100
43) Isopropyl Acetate	8.28	43	21716	2.238	ug/l	97
44) Trichloroethene	8.95	130	7967	2.323	ug/l	96
45) 1,2-Dichloropropane	9.22	63	7646	2.414	ug/l	98
46) Dibromomethane	9.32	93	5494	2.474	ug/l	99
47) Bromodichloromethane	9.50	83	10099	2.325	ug/l #	80
48) Methyl methacrylate	9.30	41	10164	2.321	ug/l	97
49) 1,4-Dioxane	9.30	88	5591	49.738	ug/l #	92
51) 4-Methyl-2-Pentanone	10.08	43	88302	12.111	ug/l	96
52) Toluene	10.25	92	17268	2.129	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	10705	2.172	ug/l	93
54) cis-1,3-Dichloropropene	9.93	75	11890	2.230	ug/l	96
55) 1,1,2-Trichloroethane	10.65	97	7345	2.296	ug/l	92
56) Ethyl methacrylate	10.52	69	12033	2.137	ug/l	96
57) 1,3-Dichloropropane	10.80	76	13490	2.470	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.79	63	29286	11.667	ug/l	97
59) 2-Hexanone	10.84	43	70545	4.162	ug/l	98
60) Dibromochloromethane	10.99	129	7699	2.277	ug/l	99
61) 1,2-Dibromoethane	11.10	107	7909	2.328	ug/l	96
64) Tetrachloroethene	10.72	164	9048	2.825	ug/l	86
65) Chlorobenzene	11.52	112	19665	2.421	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	6931	2.387	ug/l	96
67) Ethyl Benzene	11.60	91	32734	2.255	ug/l	93
68) m/p-Xylenes	11.70	106	24895	4.494	ug/l	96
69) o-Xylene	12.03	106	13347	2.501	ug/l	87
70) Styrene	12.05	104	20524	2.233	ug/l	98
71) Bromoform	12.20	173	5716	2.386	ug/l #	94
73) Isopropylbenzene	12.33	105	31373	2.314	ug/l	99
74) N-amyl acetate	12.14	43	13547	2.014	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.58	83	11447	2.474	ug/l	98
76) 1,2,3-Trichloropropane	12.64	75	16687	3.950	ug/l #	100
77) Bromobenzene	12.61	156	8137	2.559	ug/l	97
78) n-propylbenzene	12.67	91	34038	2.149	ug/l	97
79) 2-Chlorotoluene	12.75	91	21293	2.335	ug/l	97
80) 1,3,5-Trimethylbenzene	12.81	105	25289	2.235	ug/l	93
81) trans-1,4-Dichloro-2-buten	12.38	75	4020	2.639	ug/l #	84
82) 4-Chlorotoluene	12.86	91	21291	2.305	ug/l	99
83) tert-Butylbenzene	13.08	119	23242	2.363	ug/l	98
84) 1,2,4-Trimethylbenzene	13.12	105	24658	2.181	ug/l	95
85) sec-Butylbenzene	13.25	105	29637	2.186	ug/l	97
86) p-Isopropyltoluene	13.37	119	25898	2.173	ug/l	99
87) 1,3-Dichlorobenzene	13.37	146	14594	2.532	ug/l	95
88) 1,4-Dichlorobenzene	13.45	146	14448	2.407	ug/l	85
89) n-Butylbenzene	13.70	91	22886	2.037	ug/l	98
90) Hexachloroethane	13.96	117	4944	2.193	ug/l	98
91) 1,2-Dichlorobenzene	13.74	146	14431	2.474	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.36	75	3444	2.124	ug/l	95

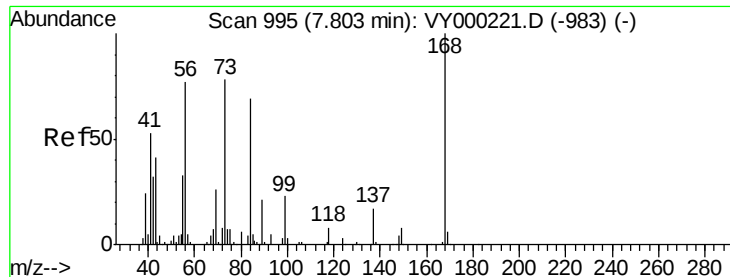
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	9105	2.299	ug/l	96
94) Hexachlorobutadiene	15.11	225	4022	2.125	ug/l	93
95) Naphthalene	15.23	128	34705	2.329	ug/l	98
96) 1,2,3-Trichlorobenzene	15.42	180	9428	2.475	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.00 min

Lab File: VY000261.D

Acq: 10 Oct 2019 18:14

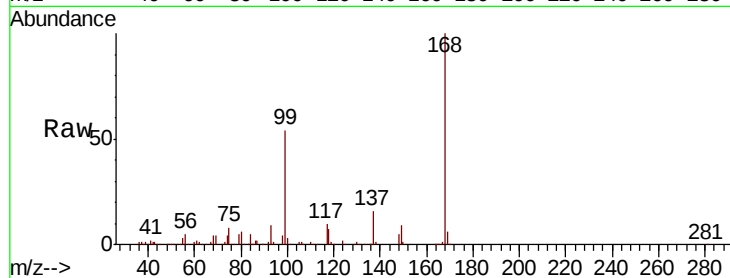
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:168 Resp: 244228

Ion Ratio Lower Upper

168 100

99 54.0 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): VY000221.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY000221.D (-983) (-)

7.80

100000

80000

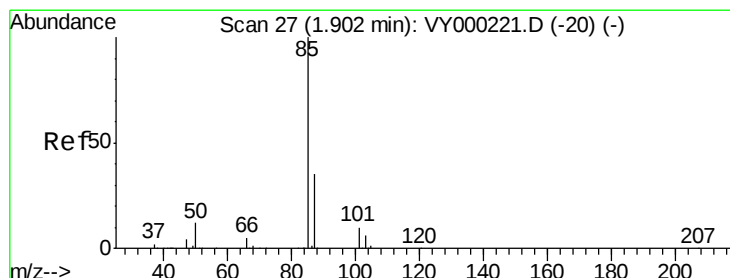
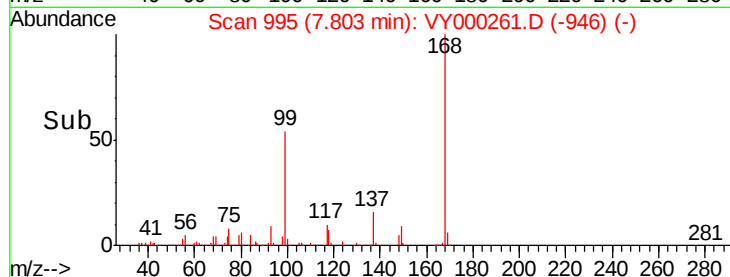
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 2.245 ug/l

RT: 1.90 min Scan# 27

Delta R.T. 0.00 min

Lab File: VY000261.D

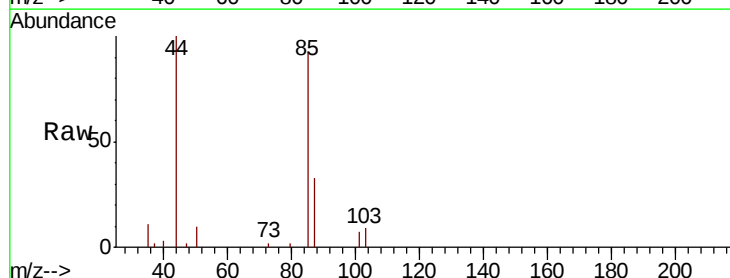
Acq: 10 Oct 2019 18:14

Tgt Ion: 85 Resp: 5473

Ion Ratio Lower Upper

85 100

87 35.8 17.4 52.2



Abundance Ion 84.90 (84.60 to 85.60): VY000221.D (-20) (-)

Ion 86.90 (86.60 to 87.60): VY000221.D (-20) (-)

1.90

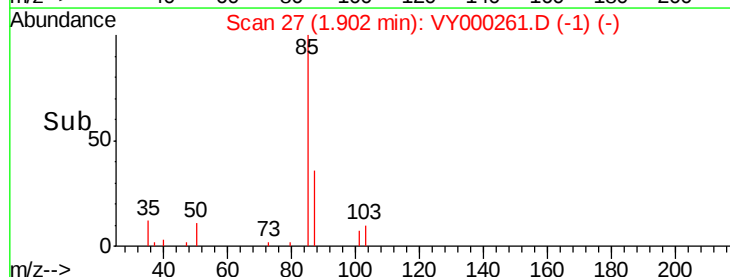
3000

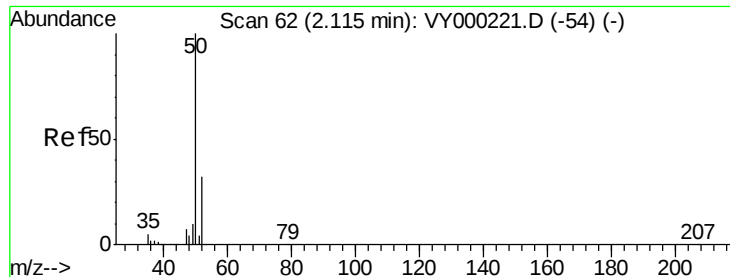
2000

1000

0

Time-->





#3

Chloromethane

Concen: 2.174 ug/l

RT: 2.11 min Scan# 61

Delta R.T. -0.01 min

Lab File: VY000261.D

Acq: 10 Oct 2019 18:14

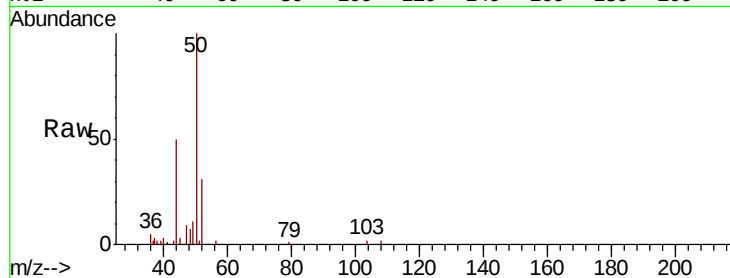
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 50 Resp: 7218

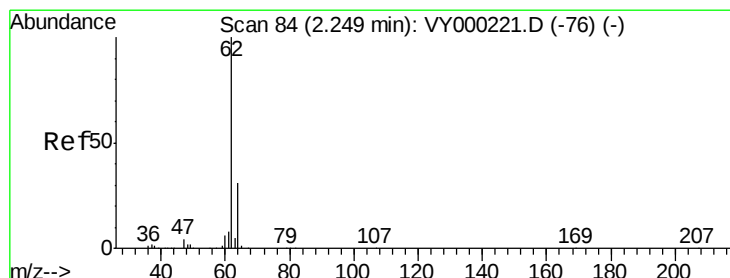
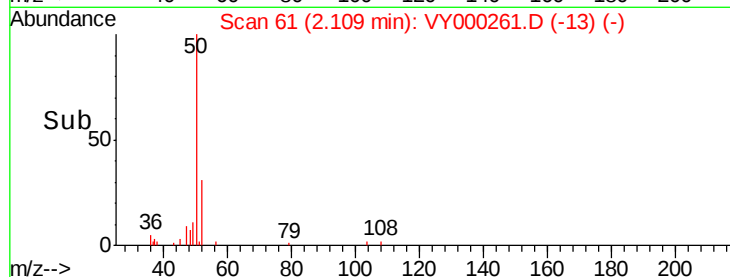
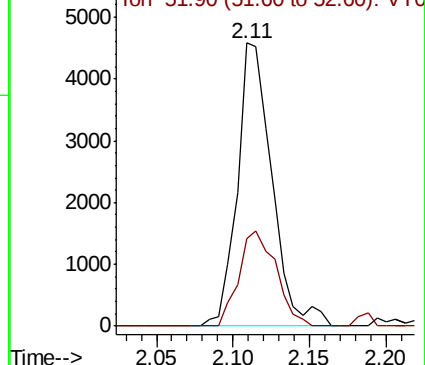
Ion Ratio Lower Upper

50 100

52 31.1 25.4 38.0



Abundance Ion 49.90 (49.60 to 50.60): VY0
Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 2.261 ug/l

RT: 2.25 min Scan# 84

Delta R.T. 0.00 min

Lab File: VY000261.D

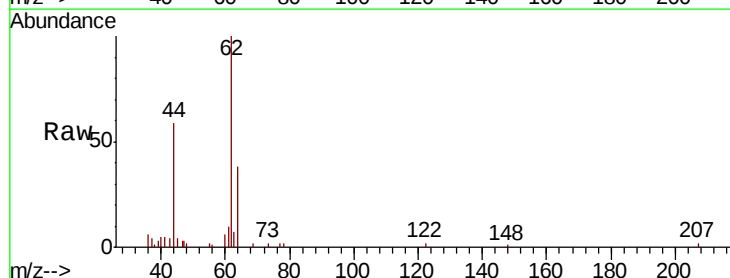
Acq: 10 Oct 2019 18:14

Tgt Ion: 62 Resp: 7751

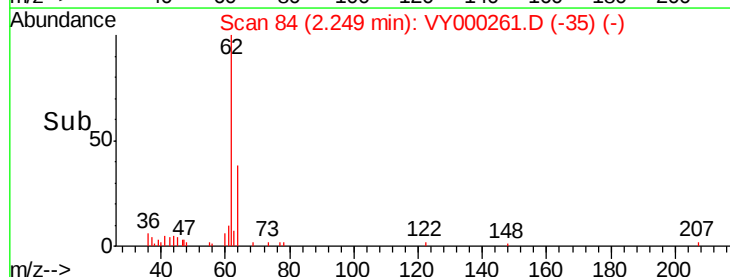
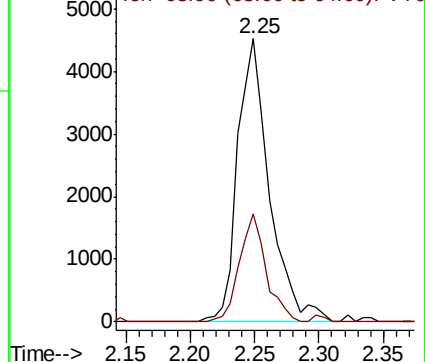
Ion Ratio Lower Upper

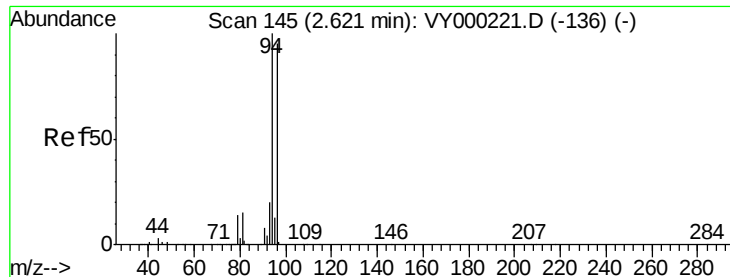
62 100

64 38.2 25.0 37.6#



Abundance Ion 61.90 (61.60 to 62.60): VY0
Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 3.485 ug/l

RT: 2.64 min Scan# 148

Delta R.T. 0.02 min

Lab File: VY000261.D

Acq: 10 Oct 2019 18:14

Instrument :

MSVOA_Y

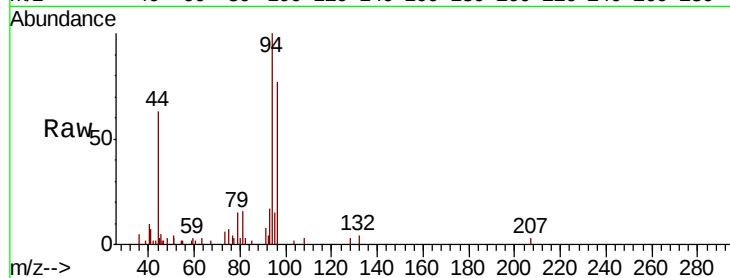
ClientSampleId :

Tot Ion: 94 Resp: 7538

Ion Ratio Lower Upper

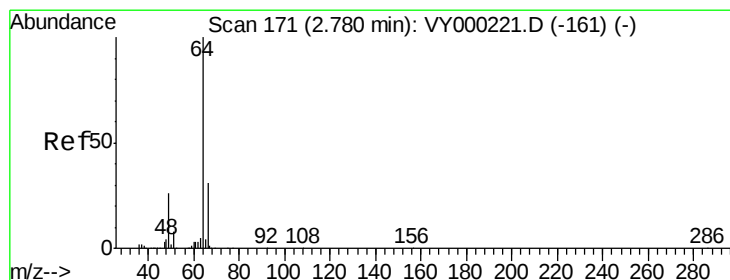
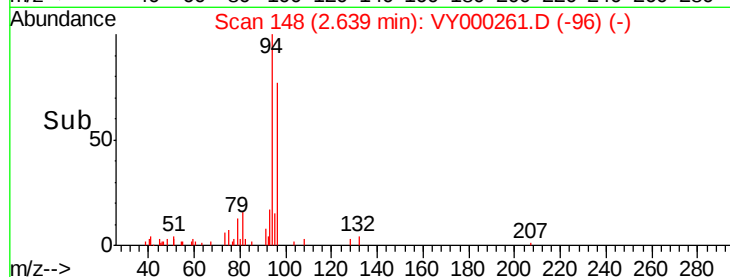
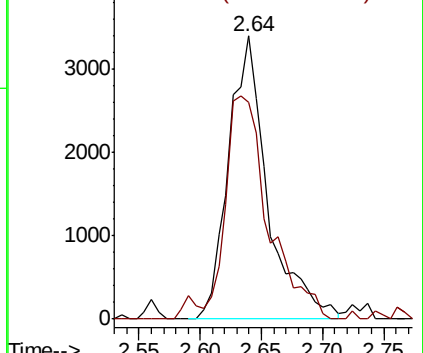
94 100

96 76.8 75.7 113.5



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 2.303 ug/l

RT: 2.79 min Scan# 172

Delta R.T. 0.01 min

Lab File: VY000261.D

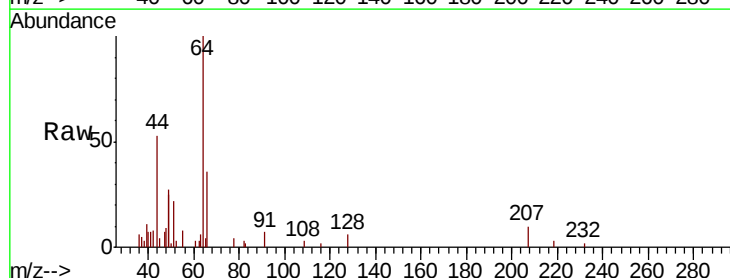
Acq: 10 Oct 2019 18:14

Tgt Ion: 64 Resp: 4987

Ion Ratio Lower Upper

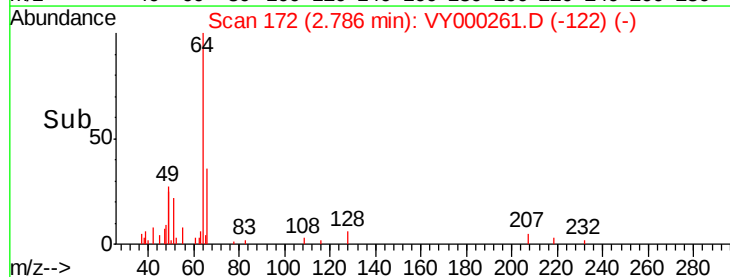
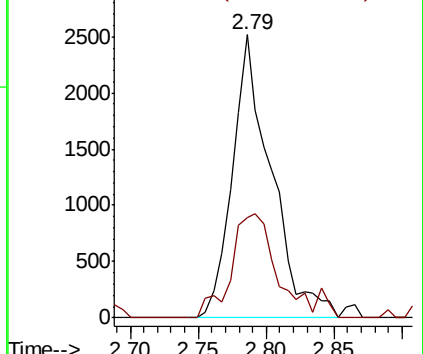
64 100

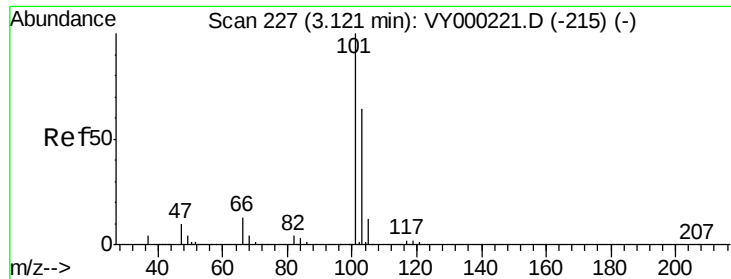
66 35.5 24.5 36.7



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



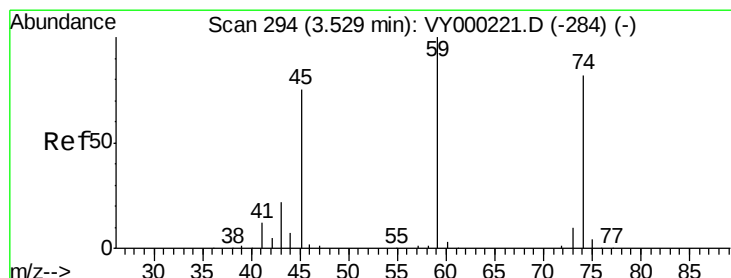
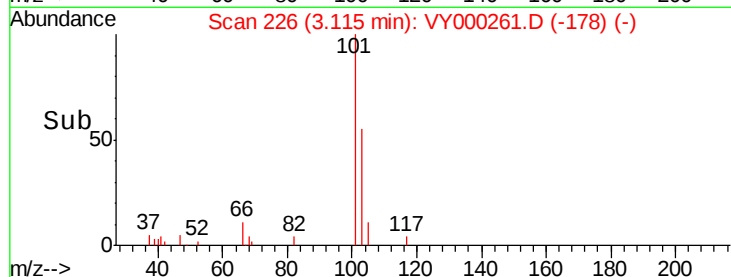
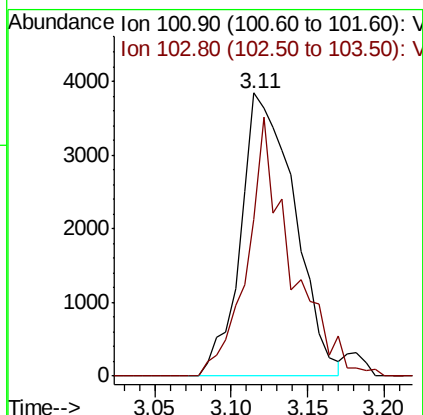
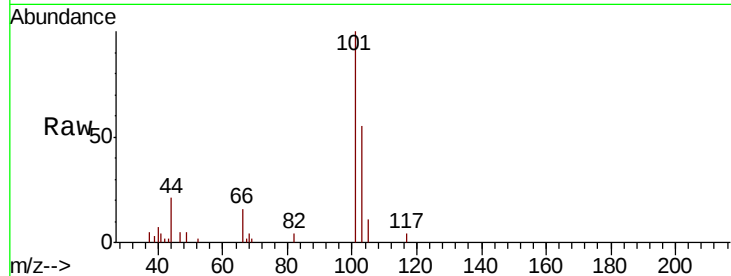


#7

Trichlorofluoromethane
 Concen: 2.119 ug/l
 RT: 3.11 min Scan# 226
 Delta R.T. -0.01 min
 Lab File: VY000261.D
 Acq: 10 Oct 2019 18:14

Instrument :
 MSVOA_Y
 ClientSampleId :

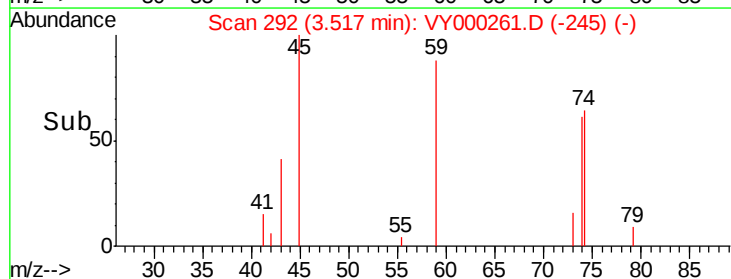
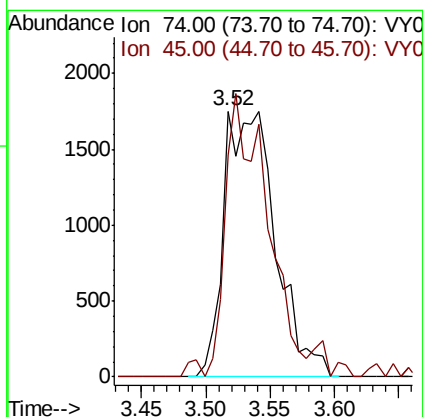
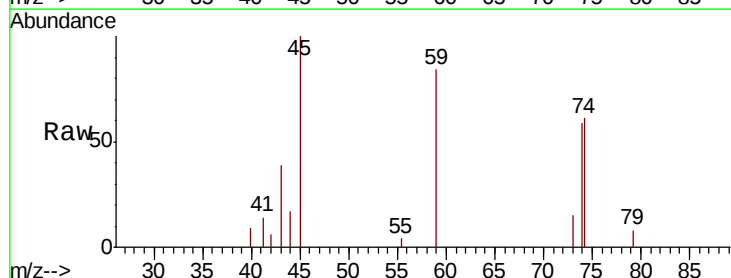
Tot Ion:101 Resp: 9388
 Ion Ratio Lower Upper
 101 100
 103 55.2 51.0 76.6

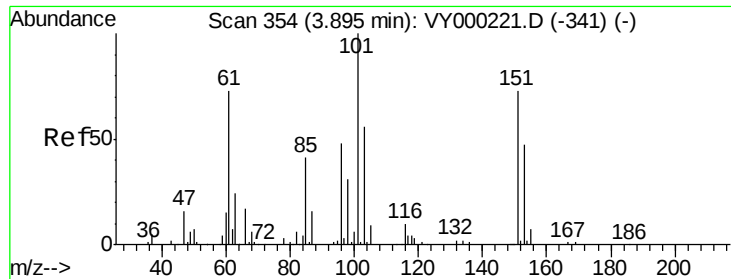


#8

Diethyl Ether
 Concen: 2.396 ug/l
 RT: 3.52 min Scan# 292
 Delta R.T. -0.01 min
 Lab File: VY000261.D
 Acq: 10 Oct 2019 18:14

Tgt Ion: 74 Resp: 4853
 Ion Ratio Lower Upper
 74 100
 45 88.0 45.8 137.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 2.092 ug/l

RT: 3.90 min Scan# 355

Delta R.T. 0.01 min

Lab File: VY000261.D

Acq: 10 Oct 2019 18:14

Instrument :

MSVOA_Y

ClientSampleId :

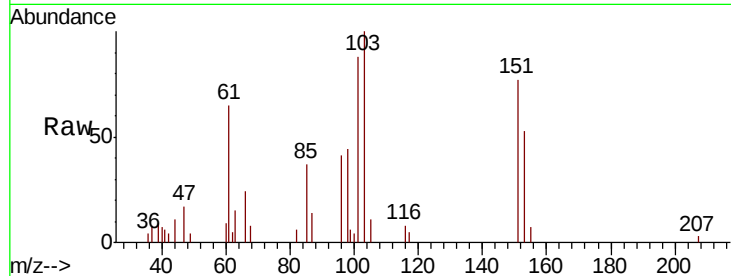
Tot Ion:101 Resp: 5412

Ion Ratio Lower Upper

101 100

85 54.9 37.0 55.6

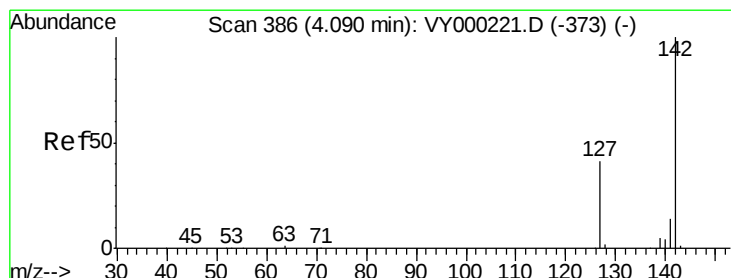
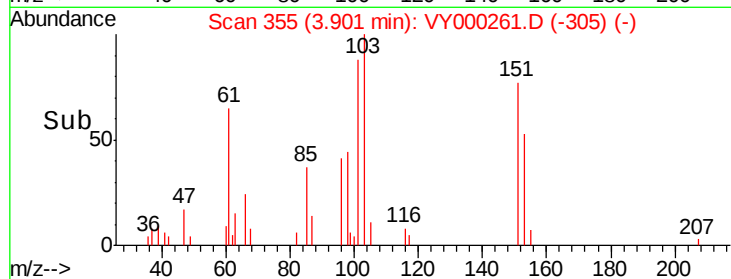
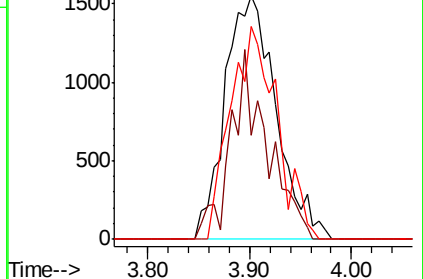
151 79.9 63.0 94.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VY0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 1.962 ug/l

RT: 4.09 min Scan# 386

Delta R.T. 0.00 min

Lab File: VY000261.D

Acq: 10 Oct 2019 18:14

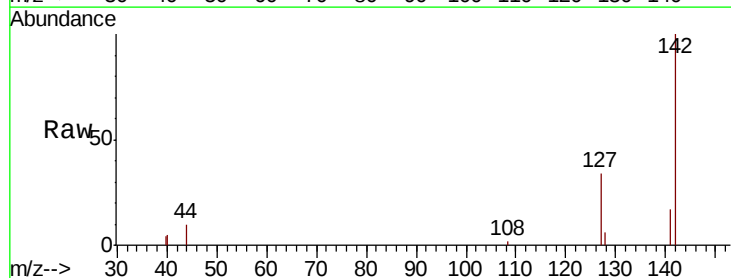
Tgt Ion:142 Resp: 5901

Ion Ratio Lower Upper

142 100

127 23.2 33.0 49.6#

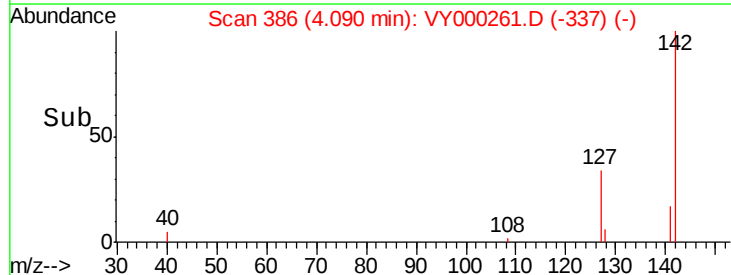
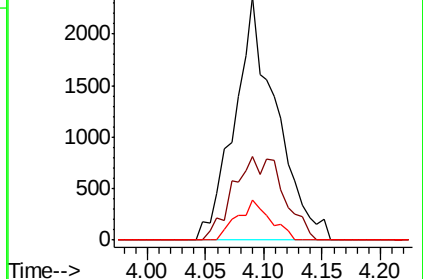
141 13.1 11.0 16.4

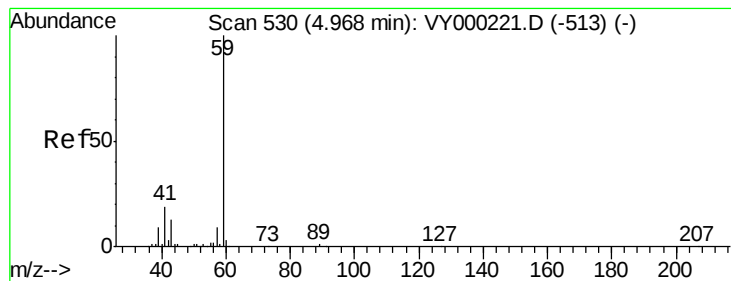


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



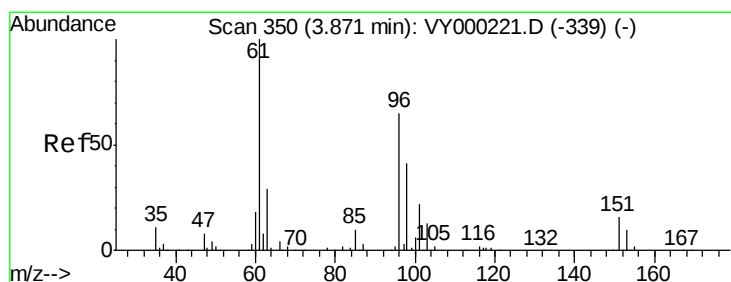
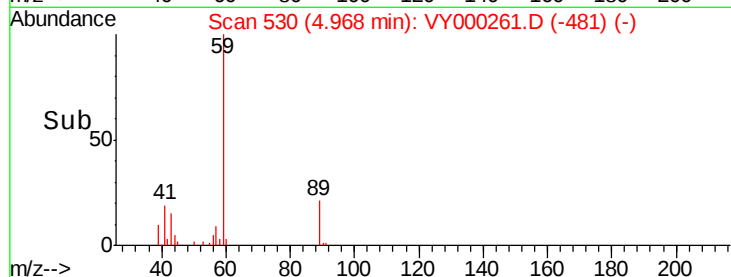
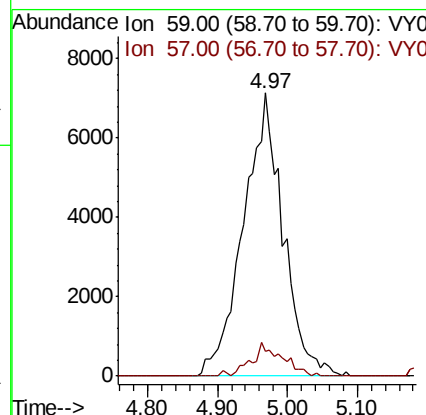
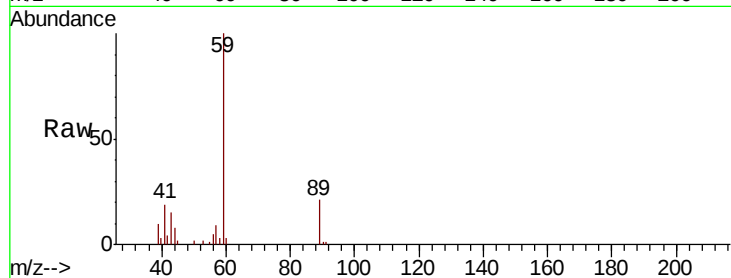


#11

Tert butyl alcohol
 Concen: 16.497 ug/l
 RT: 4.97 min Scan# 530
 Delta R.T. 0.00 min
 Lab File: VY000261.D
 Acq: 10 Oct 2019 18:14

Instrument :
 MSVOA_Y
 ClientSampleId :

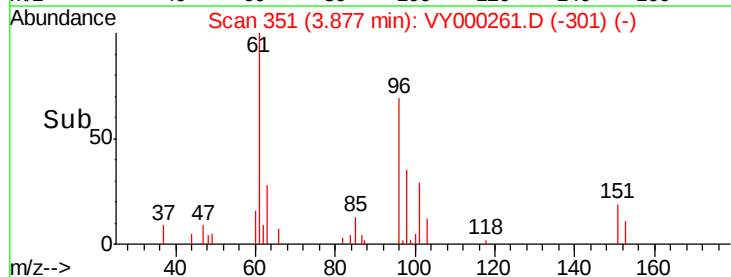
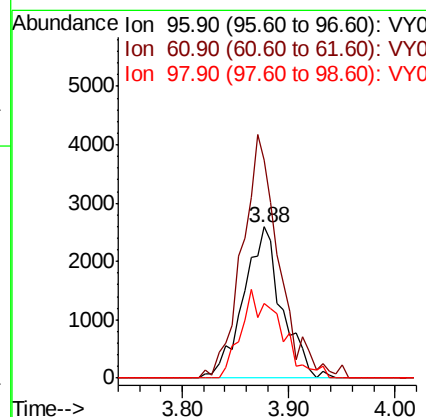
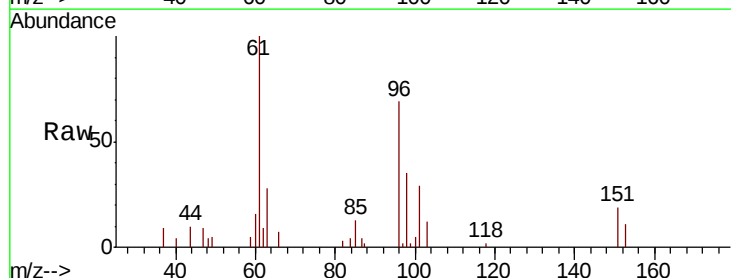
Tot Ion: 59 Resp: 28152
 Ion Ratio Lower Upper
 59 100
 57 8.8 8.0 12.0

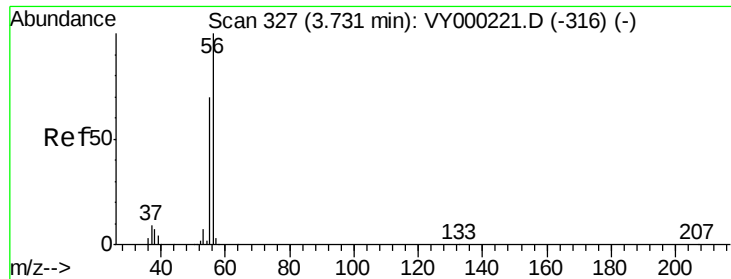


#12

1,1-Dichloroethene
 Concen: 2.441 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. 0.01 min
 Lab File: VY000261.D
 Acq: 10 Oct 2019 18:14

Tgt Ion: 96 Resp: 6555
 Ion Ratio Lower Upper
 96 100
 61 144.3 123.8 185.8
 98 49.9 50.9 76.3#





#13

Acrolein

Concen: 13.214 ug/l

RT: 3.73 min Scan# 327

Delta R.T. 0.00 min

Lab File: VY000261.D

Acq: 10 Oct 2019 18:14

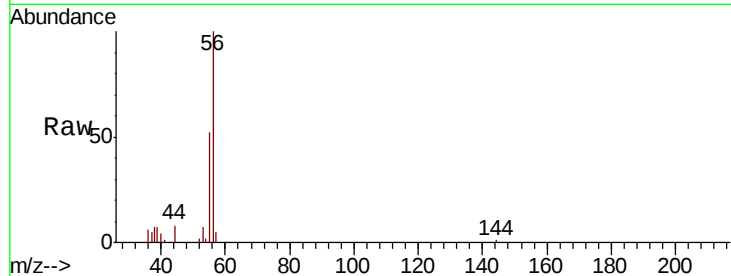
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 56 Resp: 11837

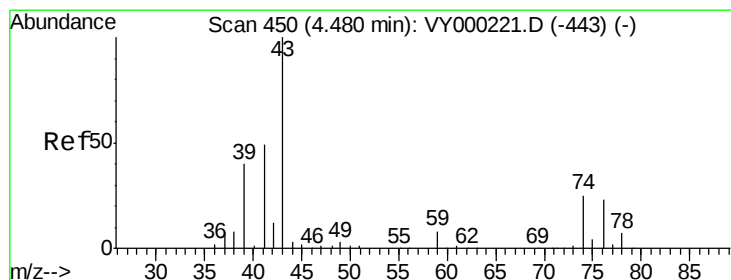
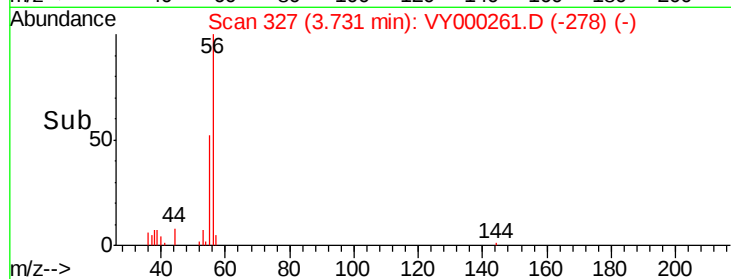
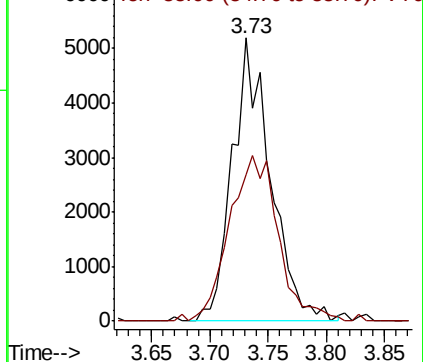
Ion Ratio Lower Upper

56 100

55 75.2 55.2 82.8



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



#14

Allyl chloride

Concen: 2.313 ug/l

RT: 4.48 min Scan# 450

Delta R.T. 0.00 min

Lab File: VY000261.D

Acq: 10 Oct 2019 18:14

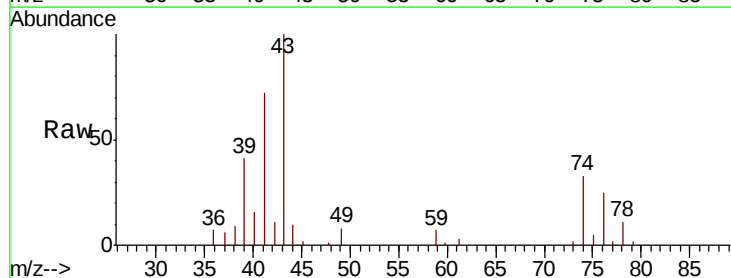
Tgt Ion: 41 Resp: 10466

Ion Ratio Lower Upper

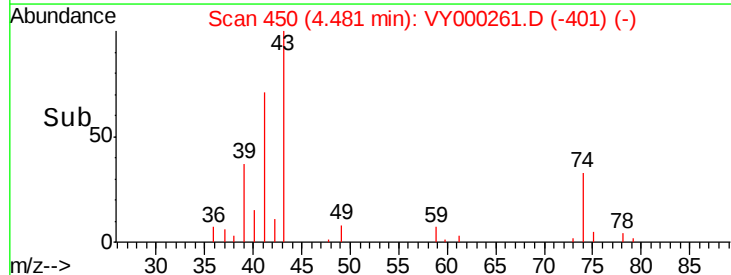
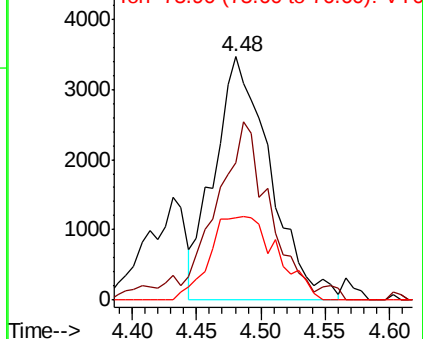
41 100

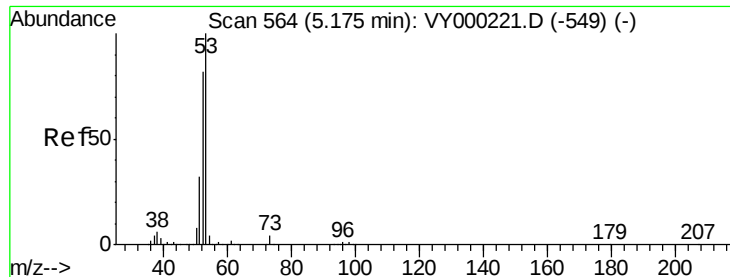
39 76.2 56.4 84.6

76 41.4 30.8 46.2



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: 12.006 ug/l

RT: 5.17 min Scan# 563

Delta R.T. -0.01 min

Lab File: VY000261.D

Acq: 10 Oct 2019 18:14

Instrument :

MSVOA_Y

ClientSampled :

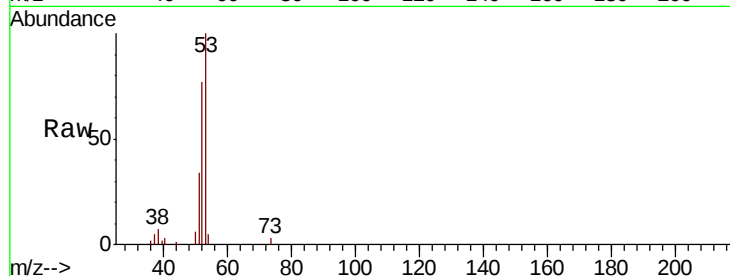
Tot Ion: 53 Resp: 36168

Ion Ratio Lower Upper

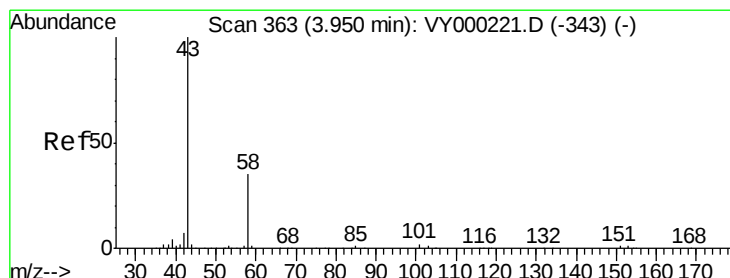
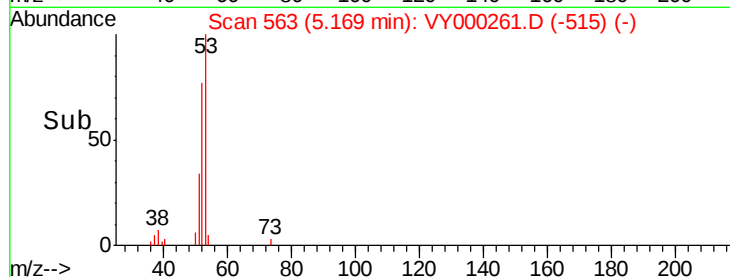
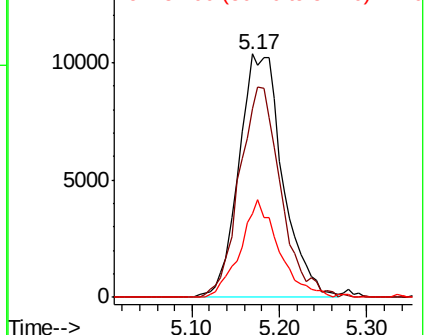
53 100

52 81.8 65.4 98.2

51 35.0 27.2 40.8



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: 14.435 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.01 min

Lab File: VY000261.D

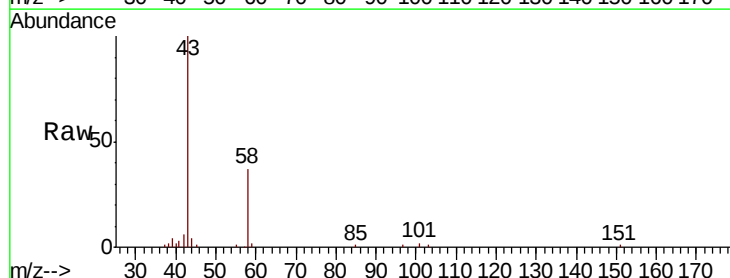
Acq: 10 Oct 2019 18:14

Tgt Ion: 43 Resp: 35911

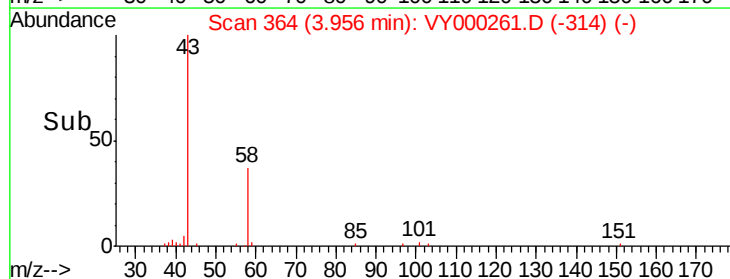
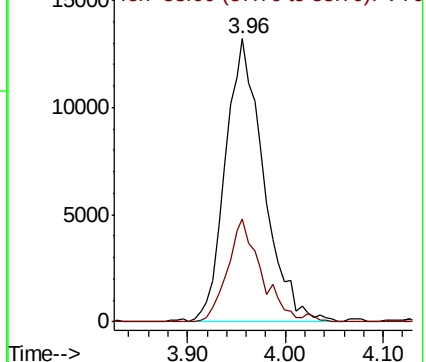
Ion Ratio Lower Upper

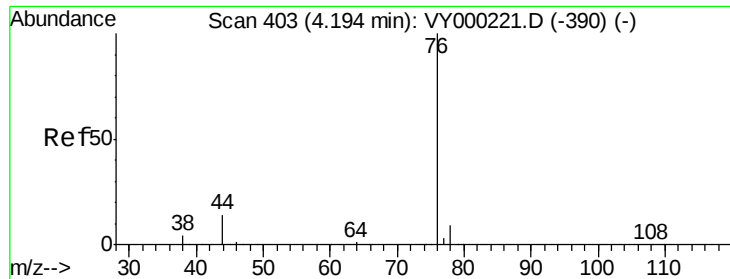
43 100

58 36.6 28.2 42.4



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





#17

Carbon Disulfide

Concen: 1.941 ug/l

RT: 4.20 min Scan# 404

Delta R.T. 0.01 min

Lab File: VY000261.D

Acq: 10 Oct 2019 18:14

Instrument :

MSVOA_Y

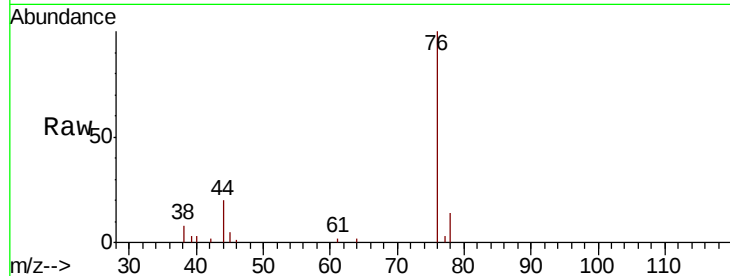
ClientSampleId :

Tot Ion: 76 Resp: 15364

Ion Ratio Lower Upper

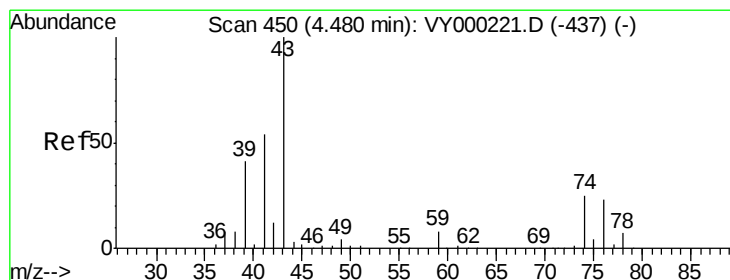
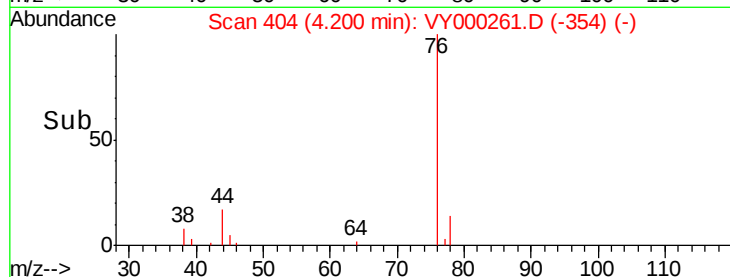
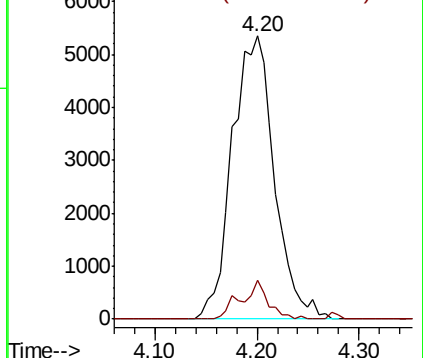
76 100

78 13.7 7.0 10.6#



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 2.575 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.01 min

Lab File: VY000261.D

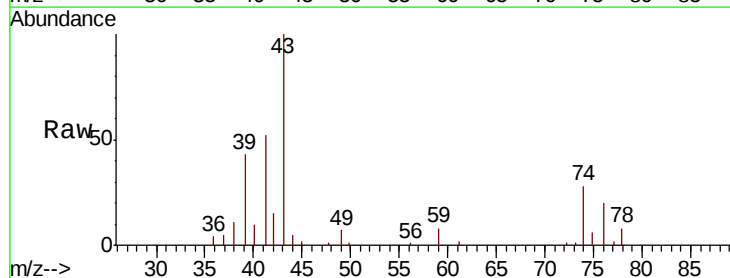
Acq: 10 Oct 2019 18:14

Tgt Ion: 43 Resp: 17558

Ion Ratio Lower Upper

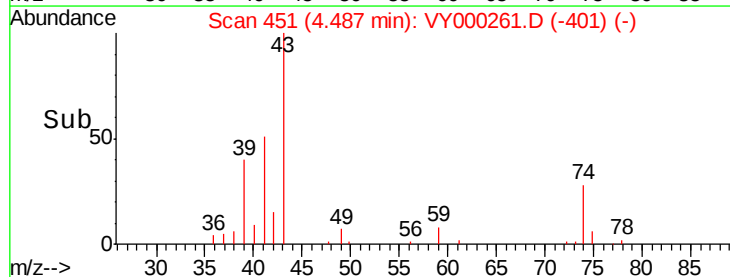
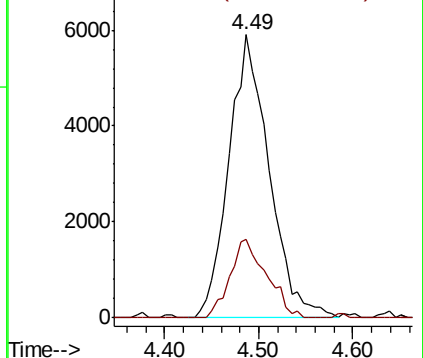
43 100

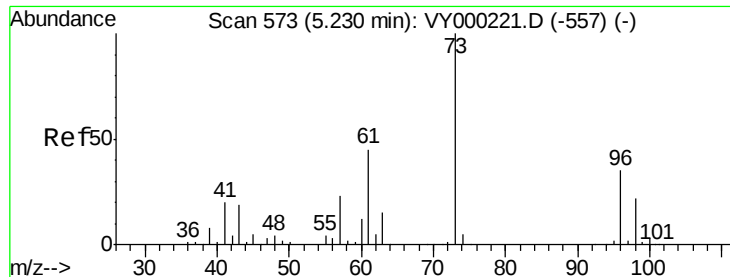
74 25.1 19.1 28.7



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0



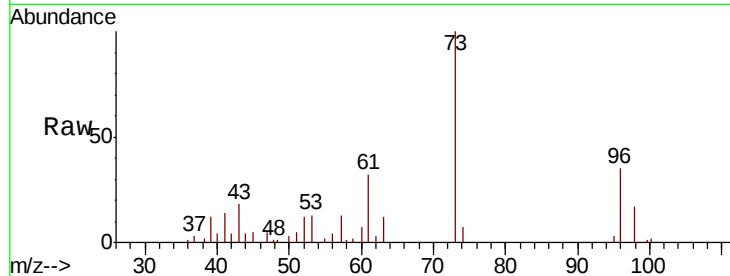


#19

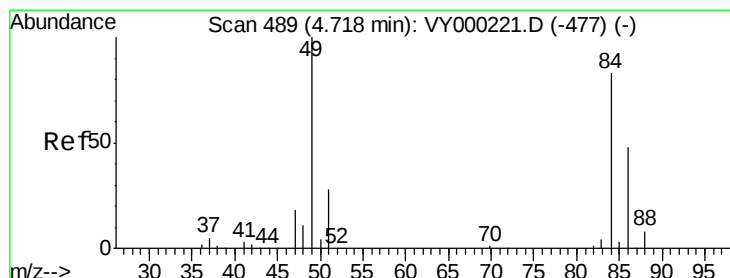
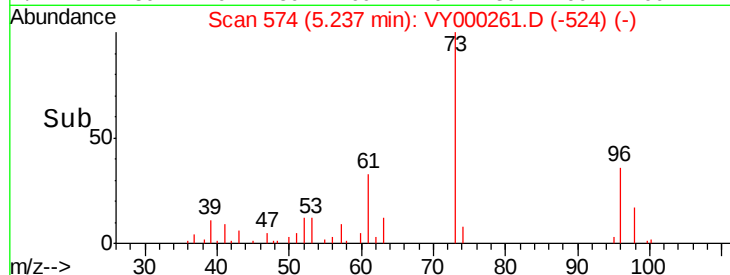
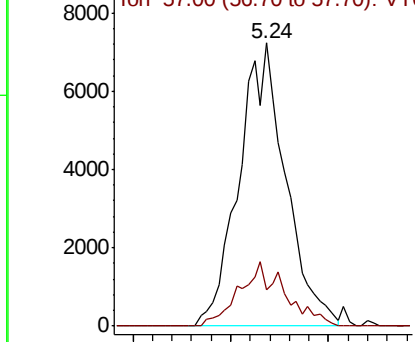
Methyl tert-butyl Ether
 Concen: 2.442 ug/l
 RT: 5.24 min Scan# 574
 Delta R.T. 0.01 min
 Lab File: VY000261.D
 Acq: 10 Oct 2019 18:14

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion: 73 Resp: 23989
 Ion Ratio Lower Upper
 73 100
 57 13.0 18.4 27.6#



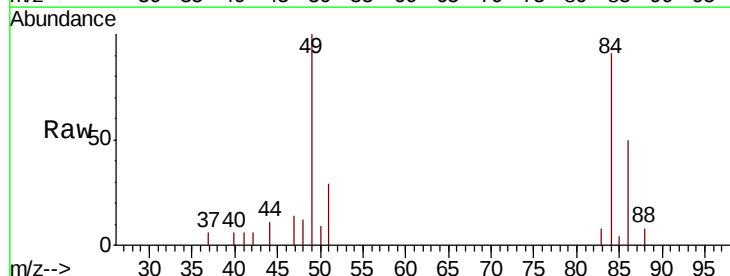
Abundance Ion 73.00 (72.70 to 73.70): VY0
 Ion 57.00 (56.70 to 57.70): VY0



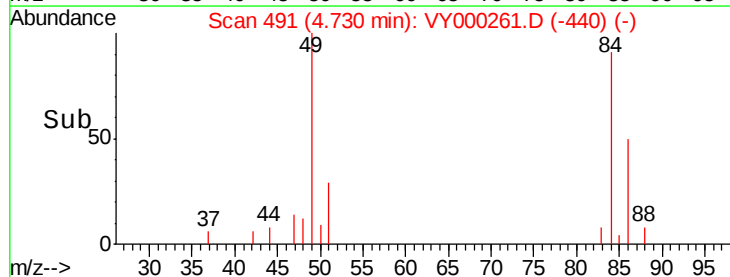
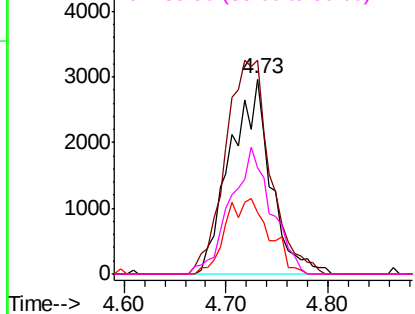
#20

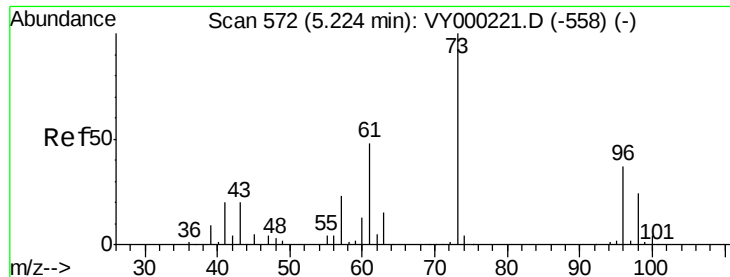
Methylene Chloride
 Concen: 2.516 ug/l
 RT: 4.73 min Scan# 491
 Delta R.T. 0.01 min
 Lab File: VY000261.D
 Acq: 10 Oct 2019 18:14

Tgt Ion: 84 Resp: 8224
 Ion Ratio Lower Upper
 84 100
 49 109.5 96.2 144.2
 51 31.7 26.6 39.8
 86 54.4 46.7 70.1



Abundance Ion 83.90 (83.60 to 84.60): VY0
 Ion 48.90 (48.60 to 49.60): VY0
 Ion 50.90 (50.60 to 51.60): VY0
 Ion 85.90 (85.60 to 86.60): VY0

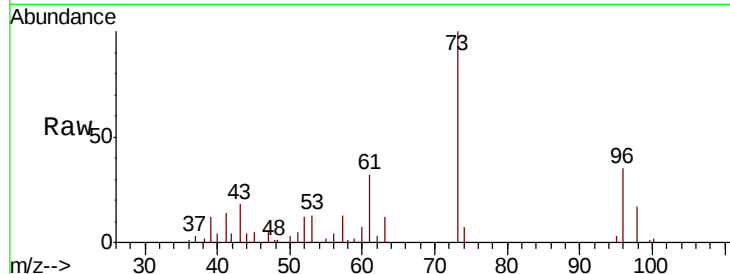




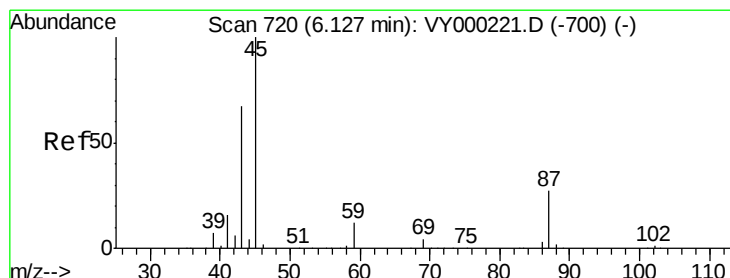
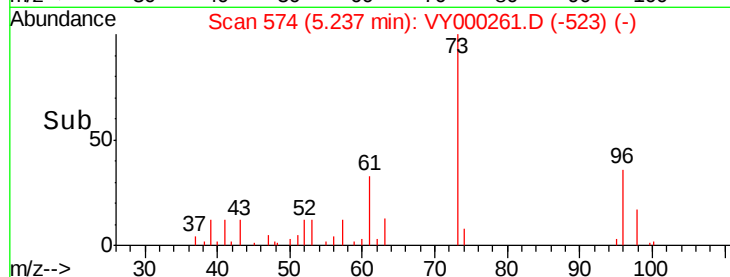
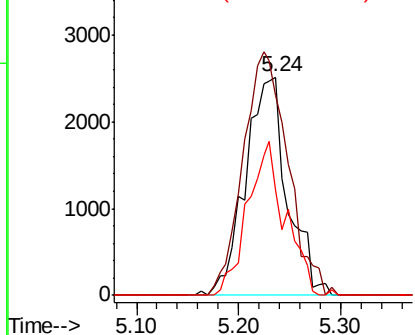
#21
trans-1,2-Dichloroethene
Concen: 2.403 ug/l
RT: 5.24 min Scan# 574
Delta R.T. 0.01 min
Lab File: VY000261.D
Acq: 10 Oct 2019 18:14

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 96 Resp: 7259
Ion Ratio Lower Upper
96 100
61 91.5 104.2 156.2#
98 48.3 51.0 76.6#

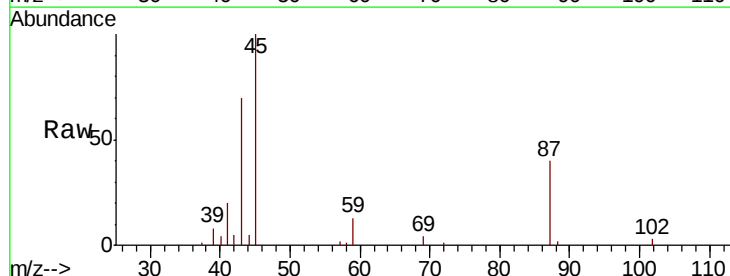


Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0

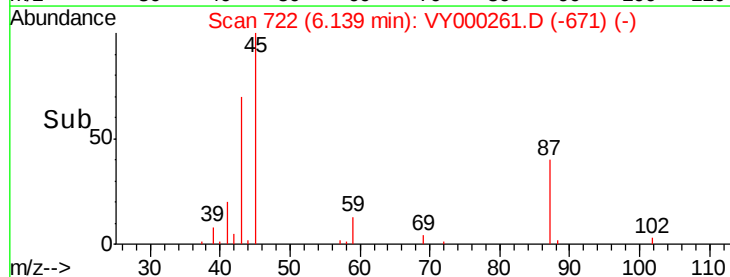
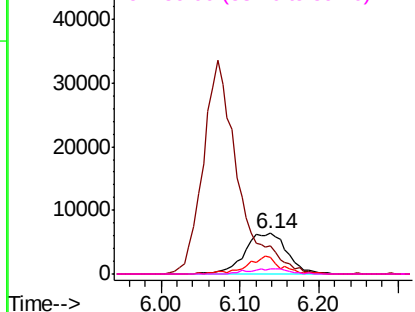


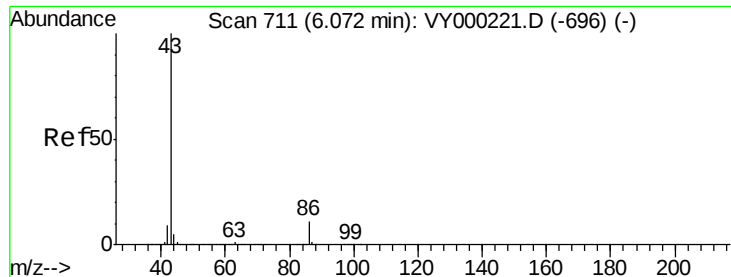
#22
Diisopropyl ether
Concen: 2.286 ug/l
RT: 6.14 min Scan# 722
Delta R.T. 0.01 min
Lab File: VY000261.D
Acq: 10 Oct 2019 18:14

Tgt Ion: 45 Resp: 23966
Ion Ratio Lower Upper
45 100
43 68.6 53.4 80.2
87 39.9 21.7 32.5#
59 13.0 9.6 14.4



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: 12.227 ug/l

RT: 6.07 min Scan# 711

Delta R.T. 0.00 min

Lab File: VY000261.D

Acq: 10 Oct 2019 18:14

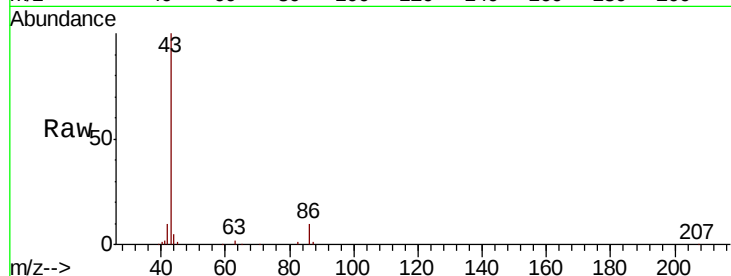
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 43 Resp: 103802

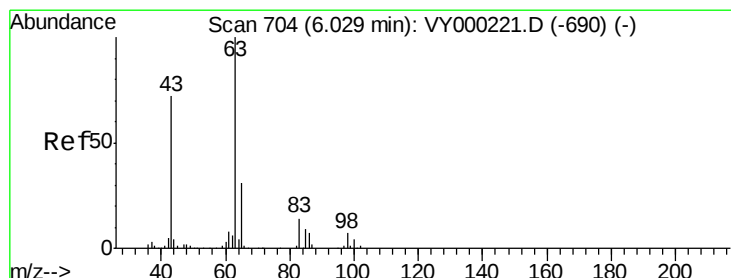
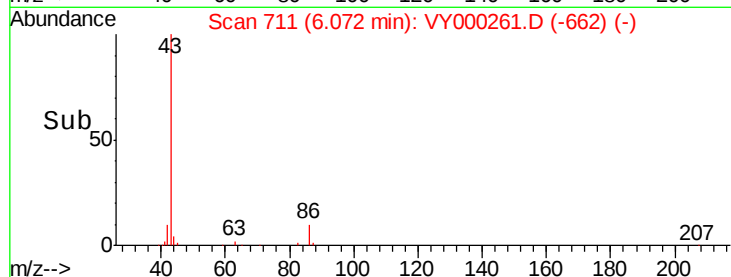
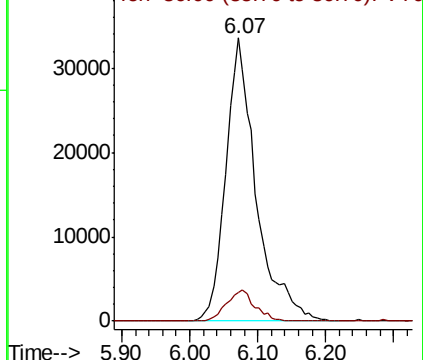
Ion Ratio Lower Upper

43 100

86 10.1 8.5 12.7



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



#24

1,1-Dichloroethane

Concen: 2.313 ug/l

RT: 6.03 min Scan# 704

Delta R.T. 0.00 min

Lab File: VY000261.D

Acq: 10 Oct 2019 18:14

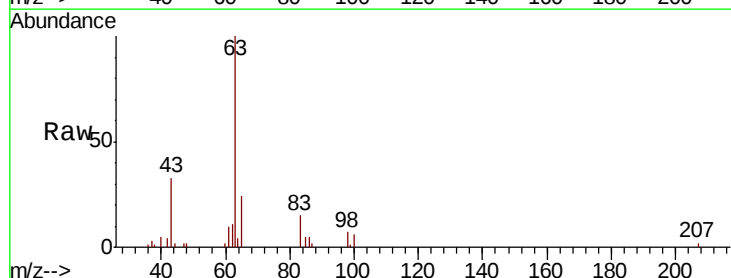
Tgt Ion: 63 Resp: 12366

Ion Ratio Lower Upper

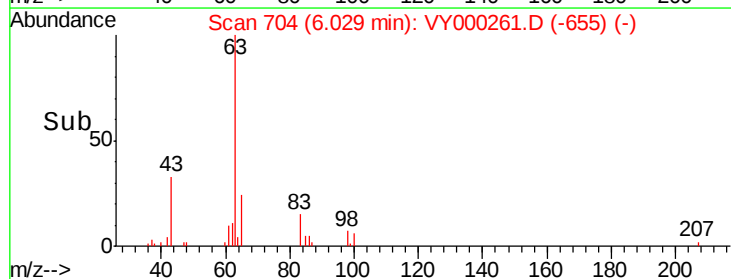
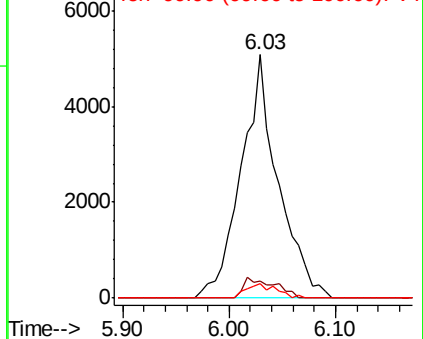
63 100

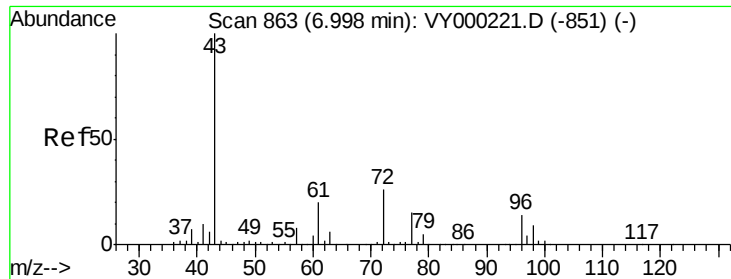
98 6.8 3.5 10.6

100 6.2 2.1 6.5



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

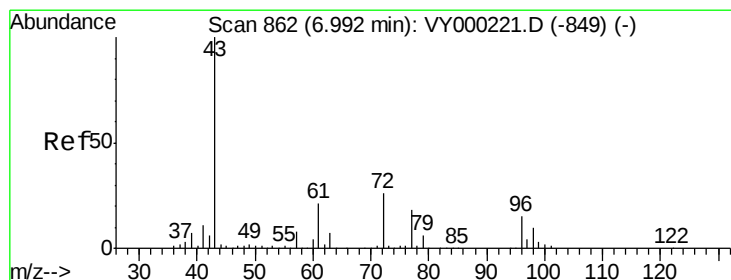
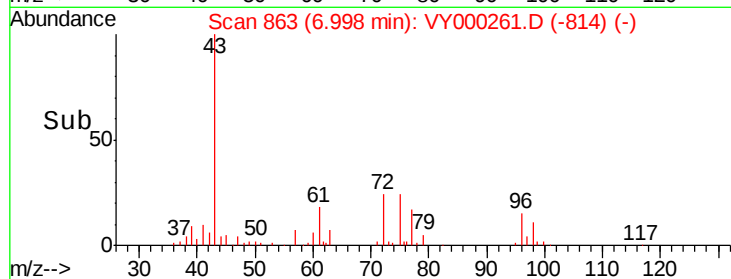
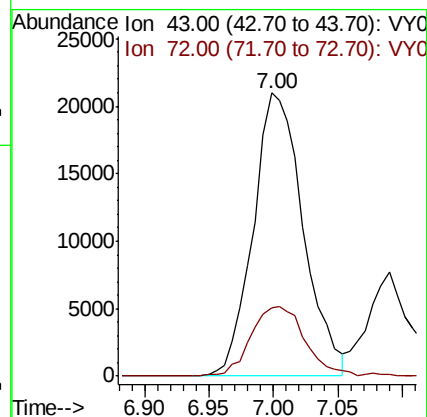
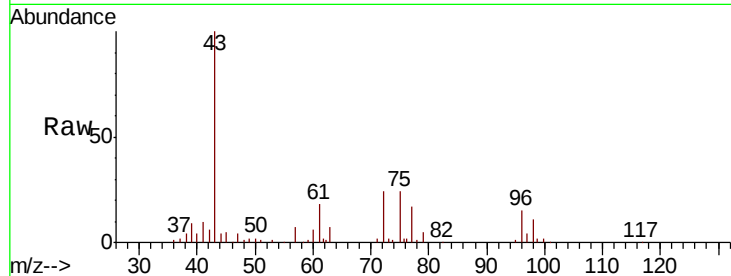




#25
2-Butanone
Concen: 12.261 ug/l
RT: 7.00 min Scan# 863
Delta R.T. 0.00 min
Lab File: VY000261.D
Acq: 10 Oct 2019 18:14

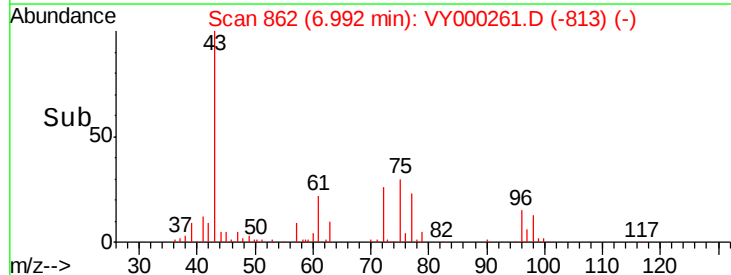
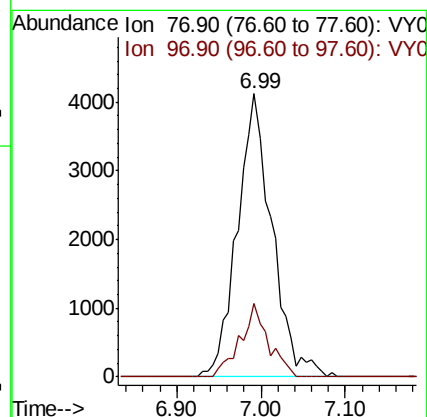
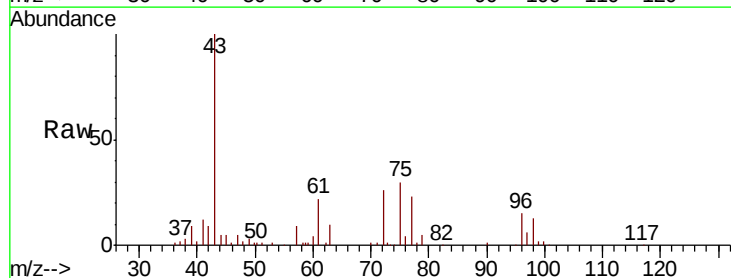
Instrument :
MSVOA_Y
ClientSampleId :

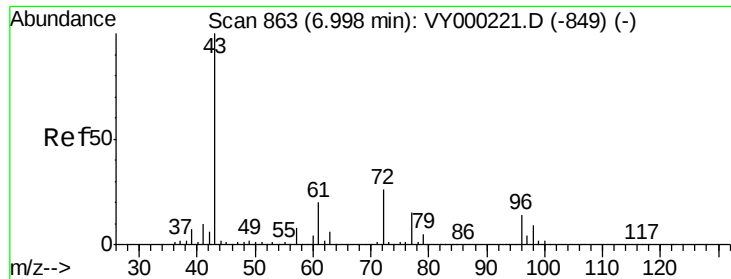
Tot Ion: 43 Resp: 56430
Ion Ratio Lower Upper
43 100
72 24.2 20.6 31.0



#26
2,2-Dichloropropane
Concen: 2.373 ug/l
RT: 6.99 min Scan# 862
Delta R.T. 0.00 min
Lab File: VY000261.D
Acq: 10 Oct 2019 18:14

Tgt Ion: 77 Resp: 11452
Ion Ratio Lower Upper
77 100
97 20.8 11.7 35.0



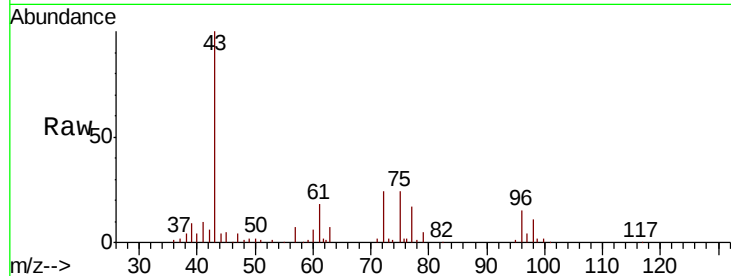


#27

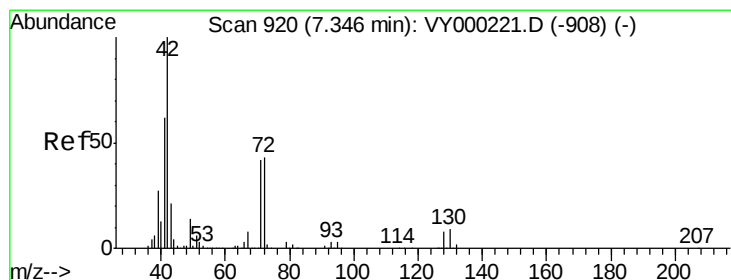
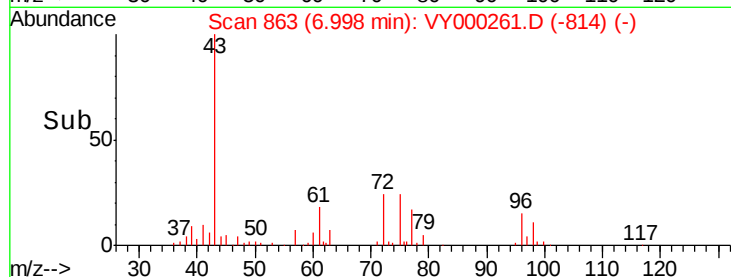
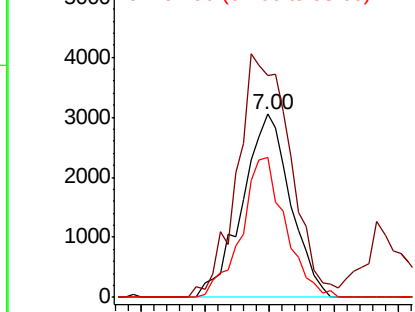
cis-1,2-Dichloroethene
Concen: 2.218 ug/l
RT: 7.00 min Scan# 863
Delta R.T. 0.00 min
Lab File: VY000261.D
Acq: 10 Oct 2019 18:14

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 96 Resp: 7892
Ion Ratio Lower Upper
96 100
61 147.1 0.0 282.6
98 69.1 0.0 129.8



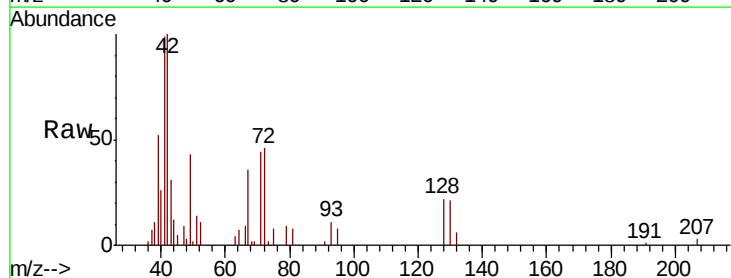
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



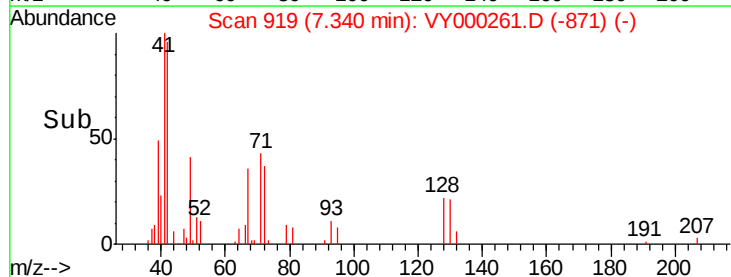
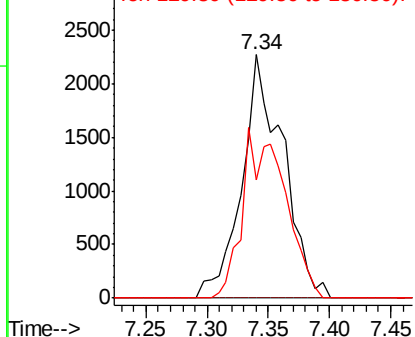
#28

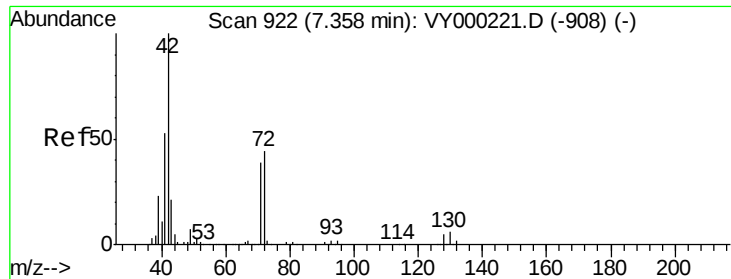
Bromochloromethane
Concen: 3.027 ug/l
RT: 7.34 min Scan# 919
Delta R.T. -0.01 min
Lab File: VY000261.D
Acq: 10 Oct 2019 18:14

Tgt Ion: 49 Resp: 5328
Ion Ratio Lower Upper
49 100
129 0.0 0.0 3.2
130 71.5 56.5 84.7



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

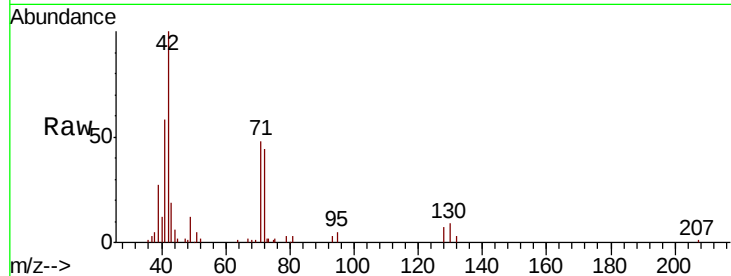




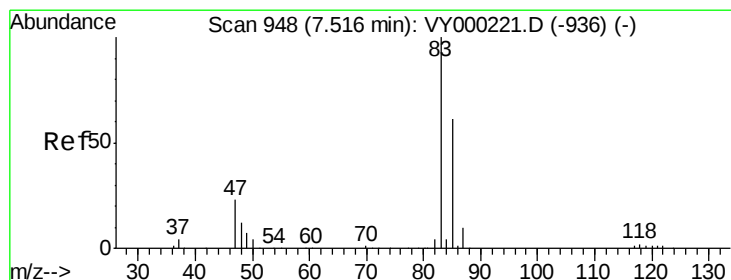
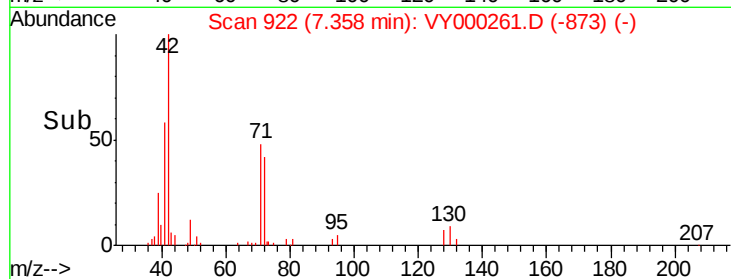
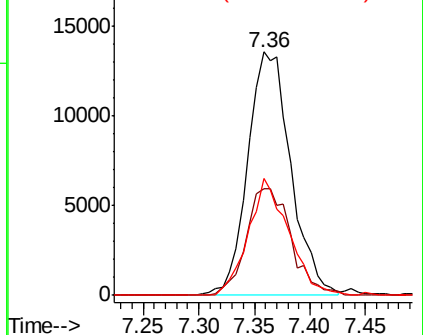
#29
Tetrahydrofuran
Concen: 11.228 ug/l
RT: 7.36 min Scan# 922
Delta R.T. 0.00 min
Lab File: VY000261.D
Acq: 10 Oct 2019 18:14

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 42 Resp: 36494
Ion Ratio Lower Upper
42 100
72 45.6 34.6 51.8
71 44.8 31.9 47.9

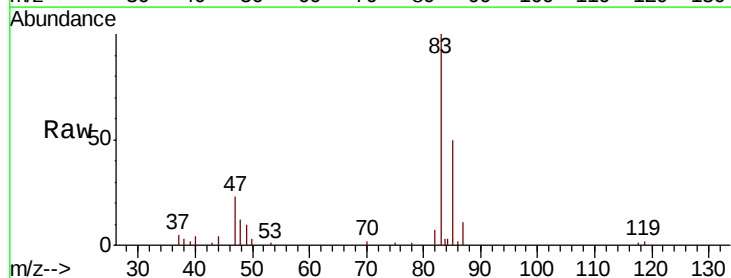


Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

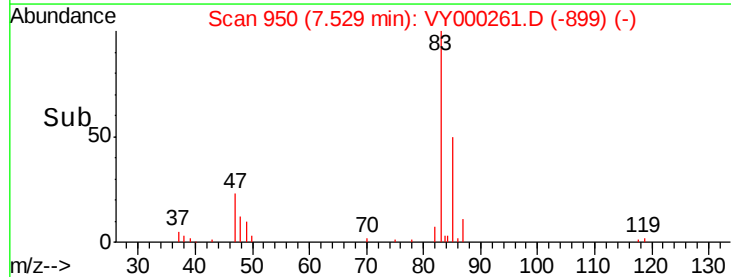
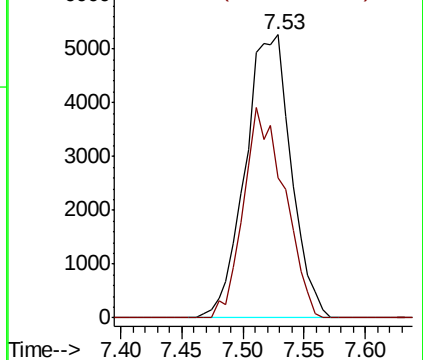


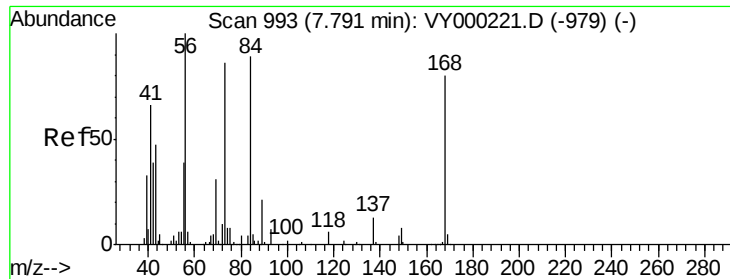
#30
Chloroform
Concen: 2.475 ug/l
RT: 7.53 min Scan# 950
Delta R.T. 0.01 min
Lab File: VY000261.D
Acq: 10 Oct 2019 18:14

Tgt Ion: 83 Resp: 13736
Ion Ratio Lower Upper
83 100
85 49.5 48.9 73.3



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

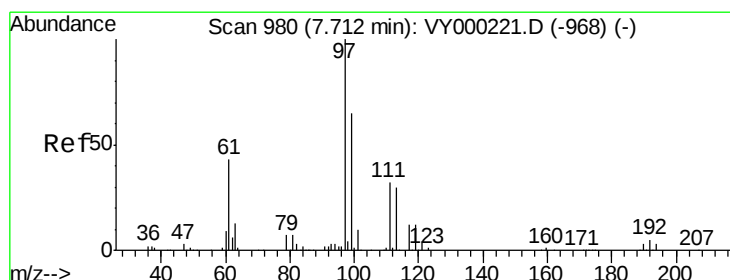
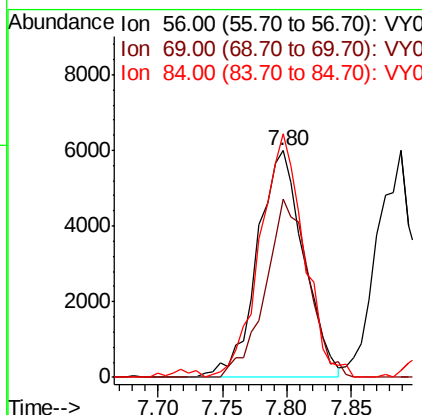
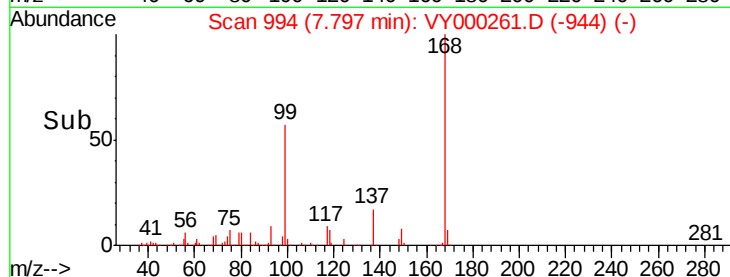
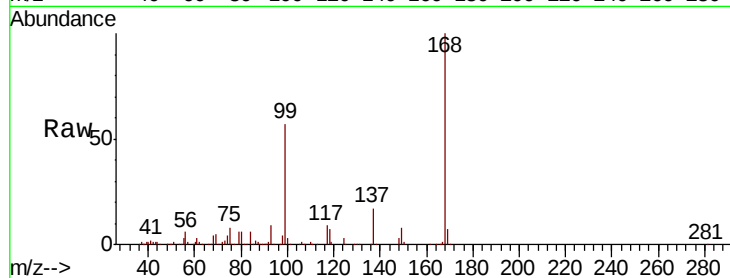




#31
Cyclohexane
Concen: 2.772 ug/l
RT: 7.80 min Scan# 994
Delta R.T. 0.01 min
Lab File: VY000261.D
Acq: 10 Oct 2019 18:14

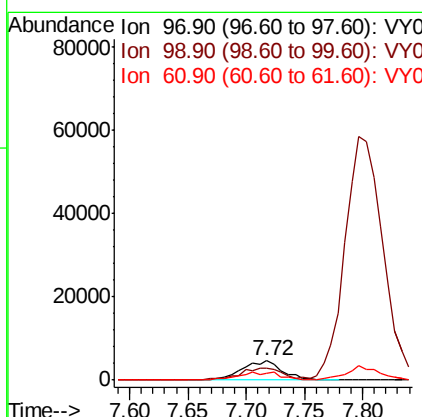
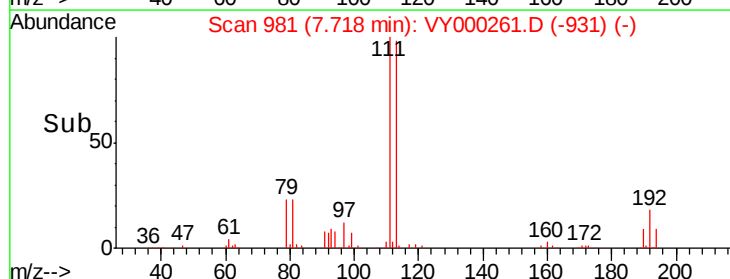
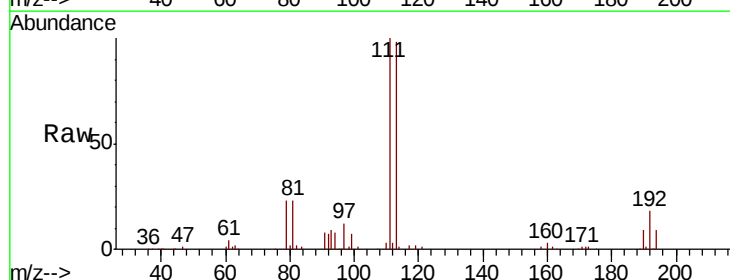
Instrument :
MSVOA_Y
ClientSampleId :

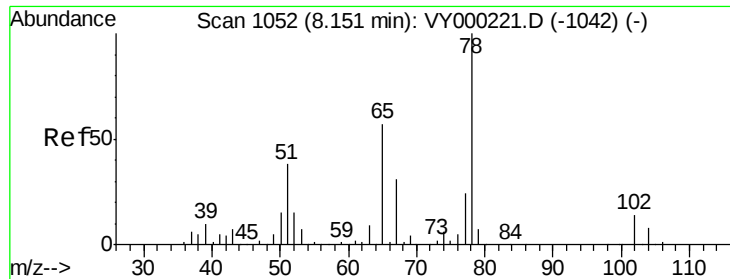
Tot Ion: 56 Resp: 14973
Ion Ratio Lower Upper
56 100
69 78.9 24.7 37.1#
84 105.3 71.3 106.9



#32
1,1,1-Trichloroethane
Concen: 2.341 ug/l
RT: 7.72 min Scan# 981
Delta R.T. 0.01 min
Lab File: VY000261.D
Acq: 10 Oct 2019 18:14

Tgt Ion: 97 Resp: 11046
Ion Ratio Lower Upper
97 100
99 67.3 51.4 77.2
61 43.7 34.2 51.4

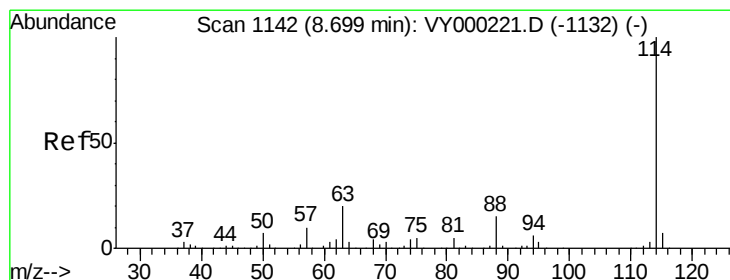
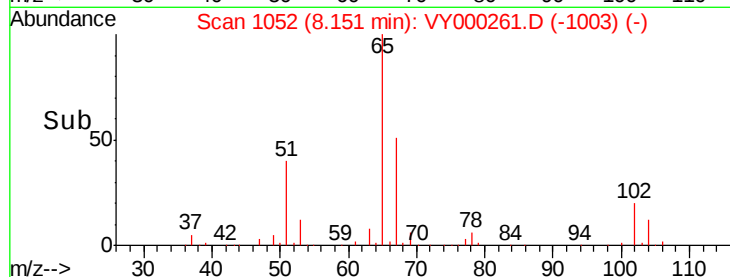
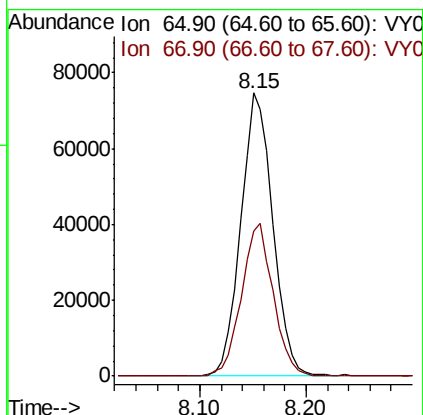
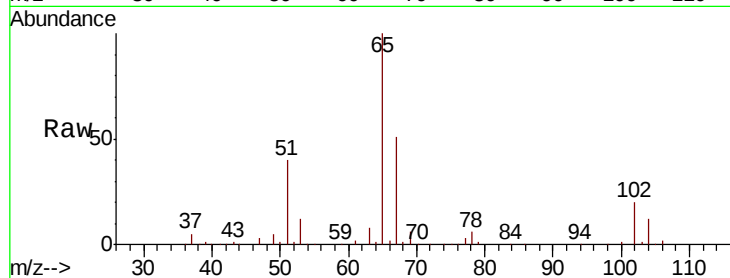




#33
 1,2-Dichloroethane-d4
 Concen: 50.245 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: VY000261.D
 Acq: 10 Oct 2019 18:14

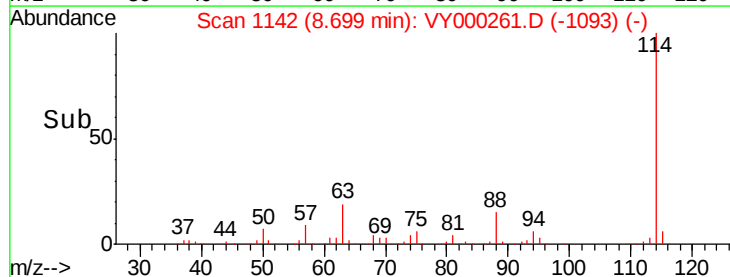
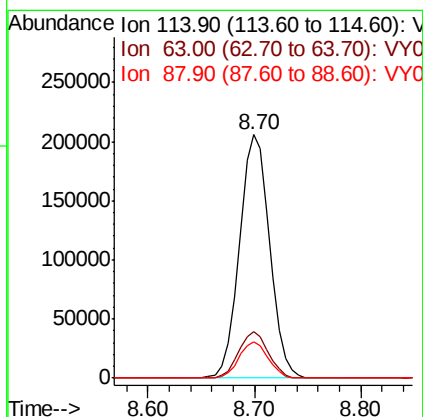
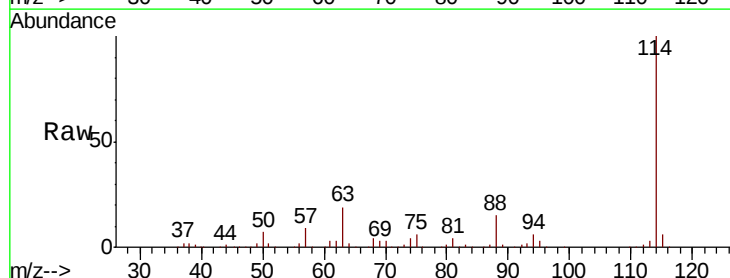
Instrument :
 MSVOA_Y
 ClientSampleId :

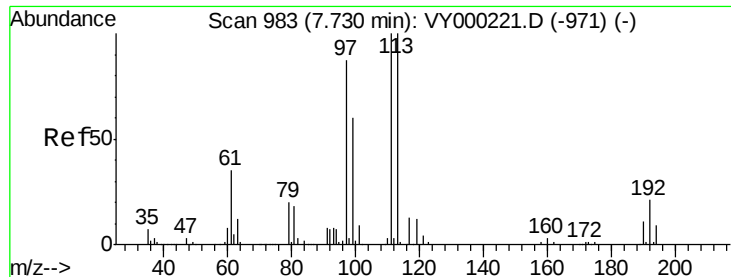
Tot Ion: 65 Resp: 157826
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. 0.00 min
 Lab File: VY000261.D
 Acq: 10 Oct 2019 18:14

Tgt Ion: 114 Resp: 409759
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 39.0
 88 14.9 0.0 30.6

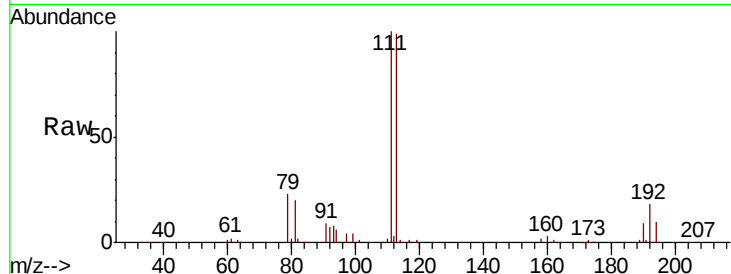




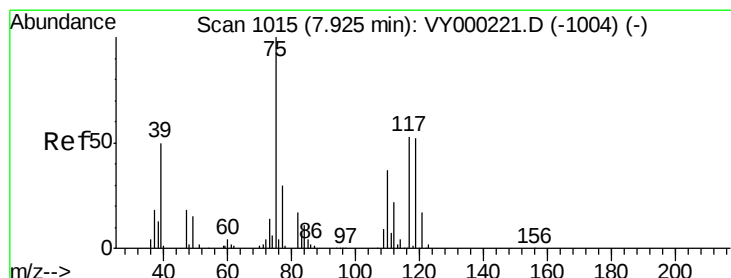
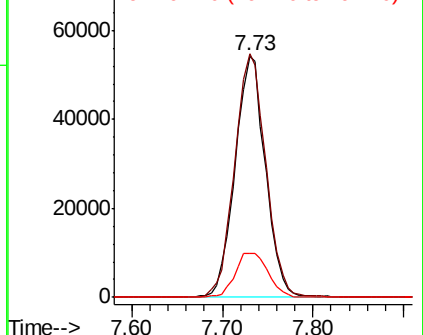
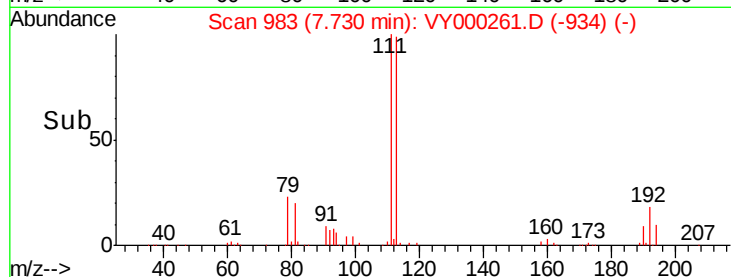
#35
 Dibromofluoromethane
 Concen: 49.302 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. 0.00 min
 Lab File: VY000261.D
 Acq: 10 Oct 2019 18:14

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.8	82.6	124.0
192	19.9	15.8	23.8

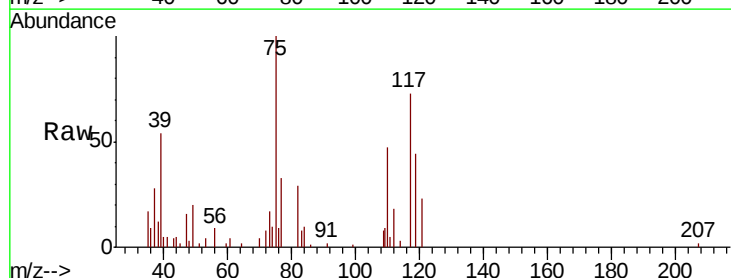


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

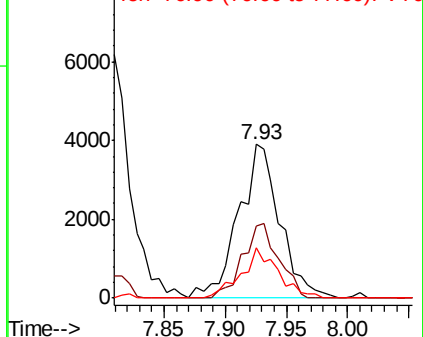
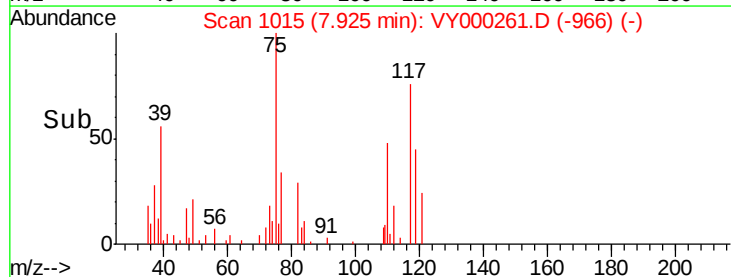


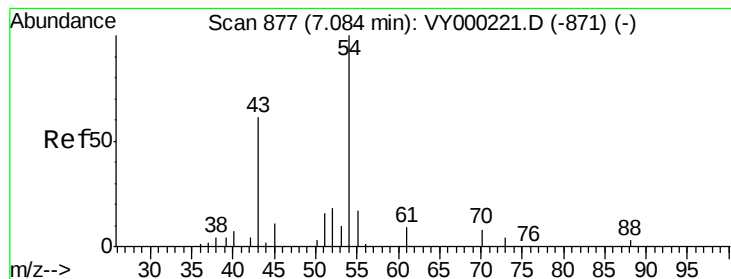
#36
 1,1-Dichloropropene
 Concen: 2.185 ug/l
 RT: 7.93 min Scan# 1015
 Delta R.T. 0.00 min
 Lab File: VY000261.D
 Acq: 10 Oct 2019 18:14

Tgt Ion	Ratio	Lower	Upper
75	100		
110	42.1	18.4	55.2
77	29.3	24.7	37.1



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





#37

Ethyl Acetate

Concen: 2.263 ug/l

RT: 7.09 min Scan# 878

Delta R.T. 0.01 min

Lab File: VY000261.D

Acq: 10 Oct 2019 18:14

Instrument :

MSVOA_Y

ClientSampleID :

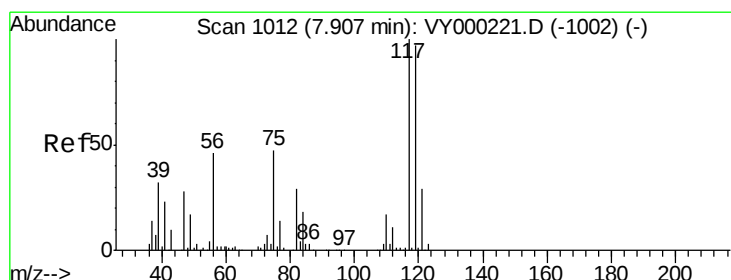
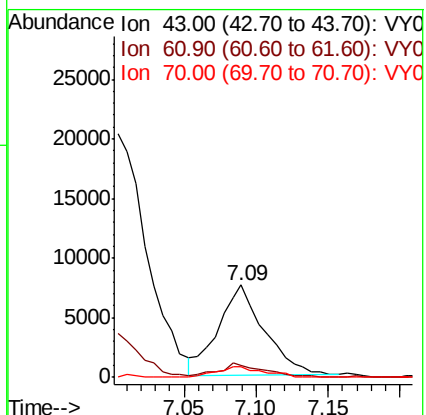
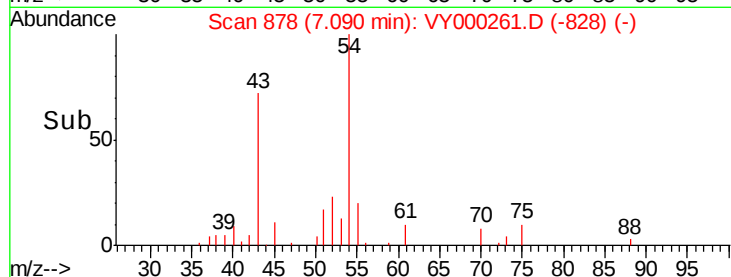
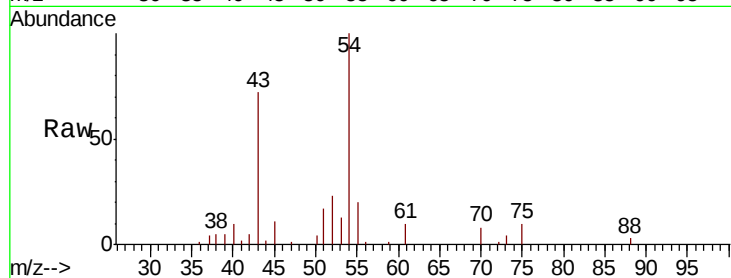
Tot Ion: 43 Resp: 17053

Ion Ratio Lower Upper

43 100

61 15.7 11.1 16.7

70 11.8 8.5 12.7



#38

Carbon Tetrachloride

Concen: 2.435 ug/l

RT: 7.91 min Scan# 1013

Delta R.T. 0.01 min

Lab File: VY000261.D

Acq: 10 Oct 2019 18:14

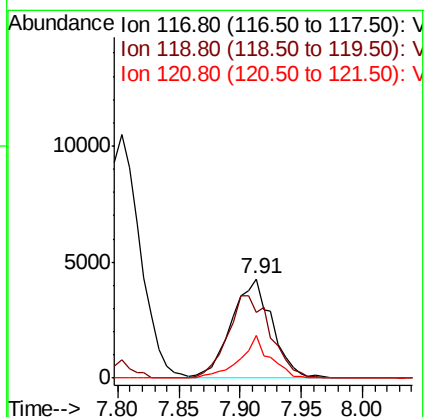
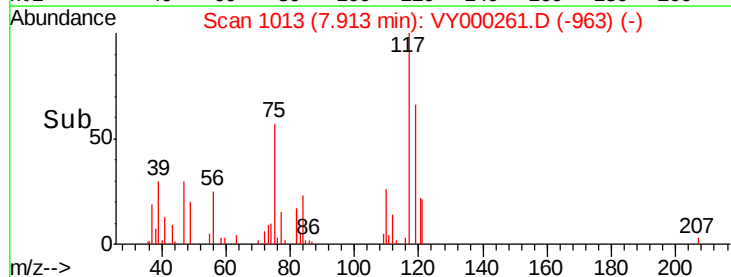
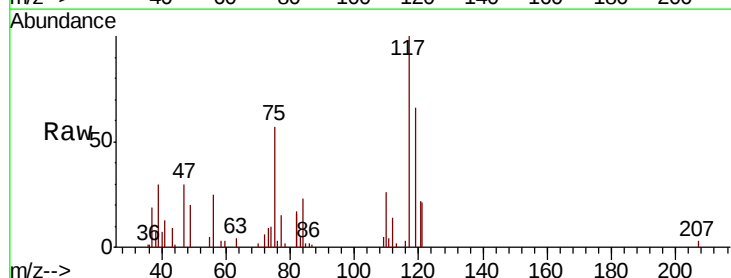
Tgt Ion: 117 Resp: 9893

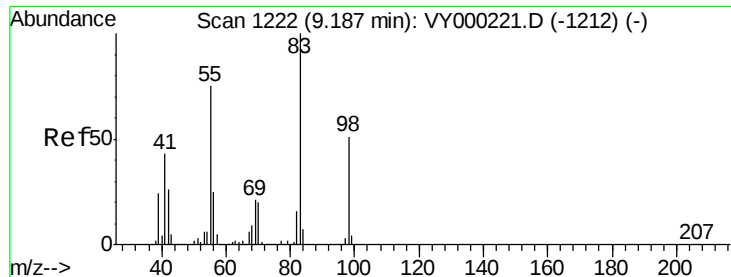
Ion Ratio Lower Upper

117 100

119 66.0 77.2 115.8#

121 42.9 23.1 34.7#

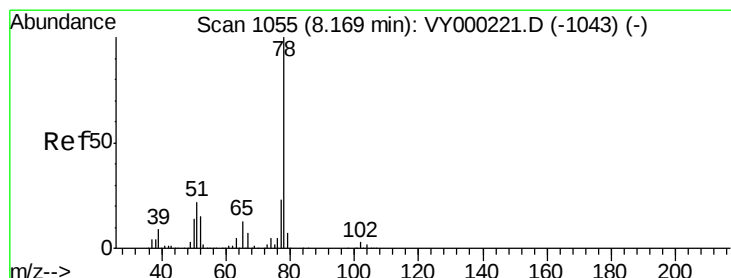
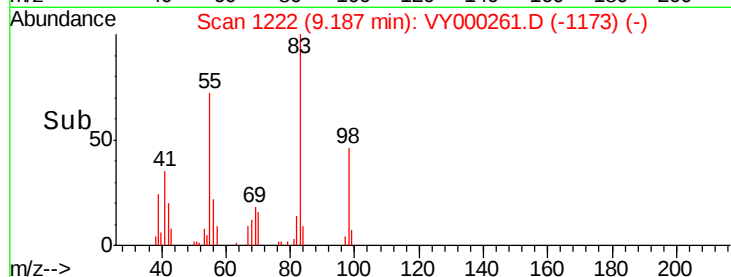
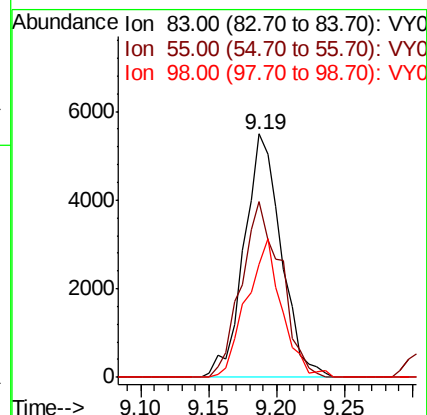
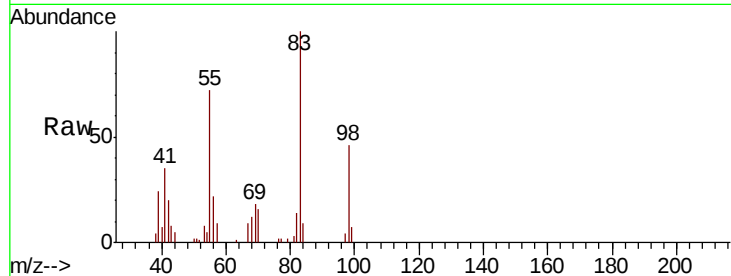




#39
Methvlcvclohexane
Concen: 1.999 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY000261.D
Acq: 10 Oct 2019 18:14

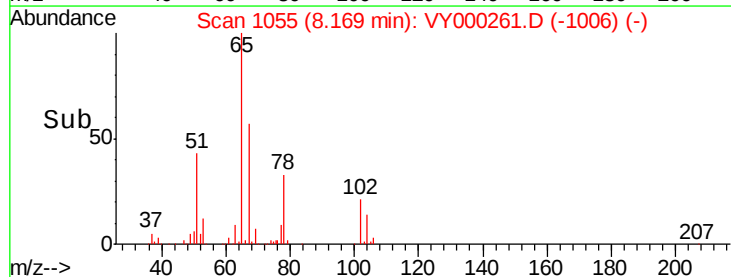
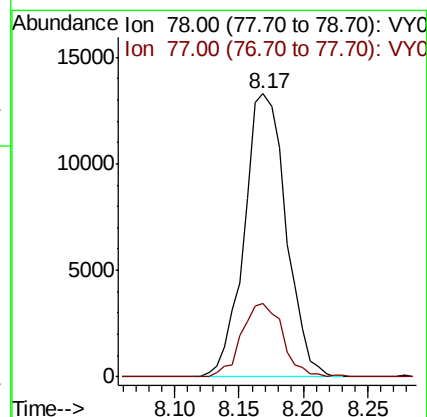
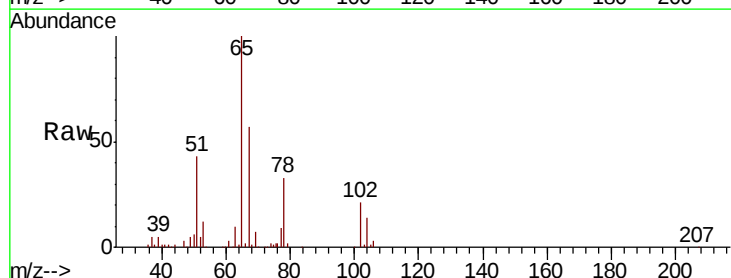
Instrument :
MSVOA_Y
ClientSampleId :

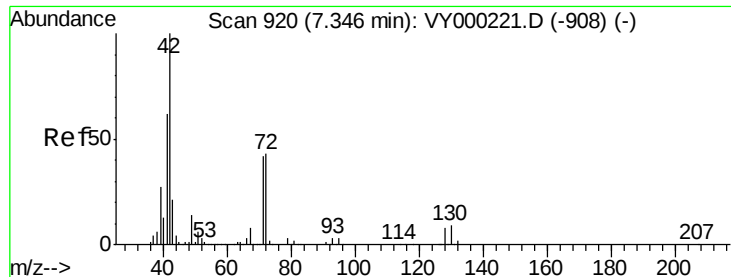
Tot Ion: 83 Resp: 10458
Ion Ratio Lower Upper
83 100
55 72.3 60.2 90.4
98 46.3 40.5 60.7



#40
Benzene
Concen: 2.364 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. 0.00 min
Lab File: VY000261.D
Acq: 10 Oct 2019 18:14

Tgt Ion: 78 Resp: 29901
Ion Ratio Lower Upper
78 100
77 25.7 18.6 28.0





#41

Methacrylonitrile

Concen: 4.823 ug/l

RT: 7.36 min Scan# 923

Delta R.T. 0.02 min

Lab File: VY000261.D

Acq: 10 Oct 2019 18:14

Instrument :

MSVOA_Y

ClientSampleId :

Tot Ion: 41 Resp: 28614

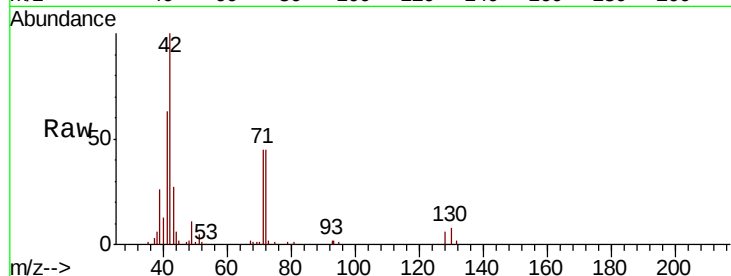
Ion Ratio Lower Upper

41 100

39 49.3 74.7 112.1#

67 0.0 0.0 0.0

52 0.0 0.0 0.0

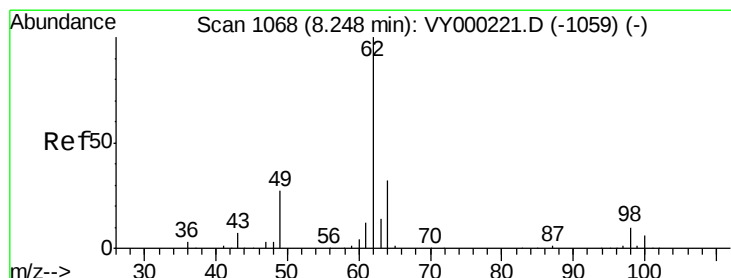
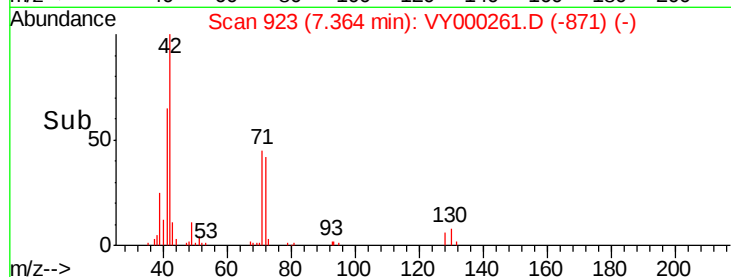
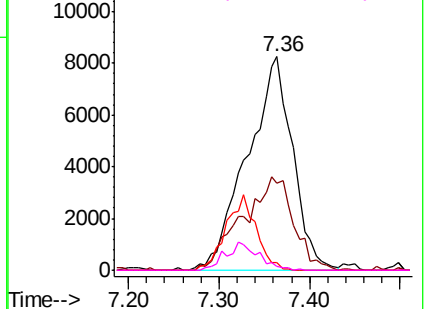


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 67.00 (66.70 to 67.70): VY0

Ion 52.00 (51.70 to 52.70): VY0



#42

1,2-Dichloroethane

Concen: 2.733 ug/l

RT: 8.25 min Scan# 1068

Delta R.T. 0.00 min

Lab File: VY000261.D

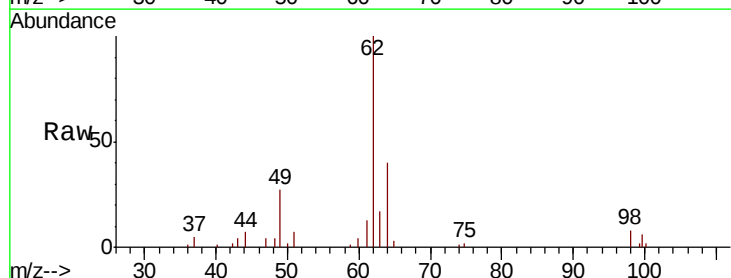
Acq: 10 Oct 2019 18:14

Tgt Ion: 62 Resp: 11229

Ion Ratio Lower Upper

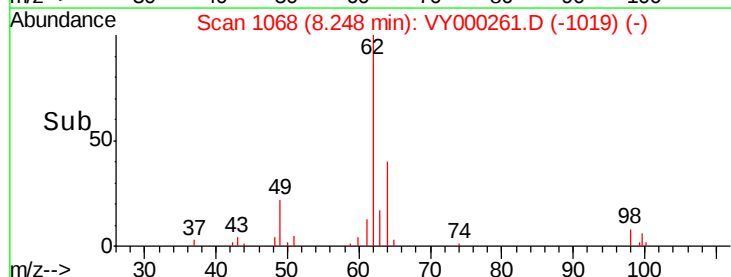
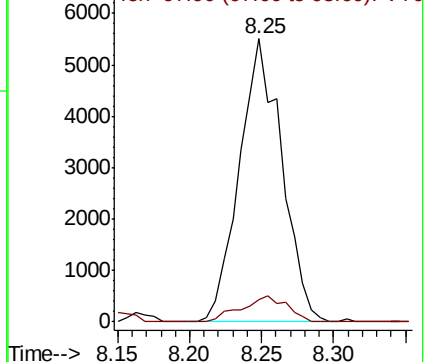
62 100

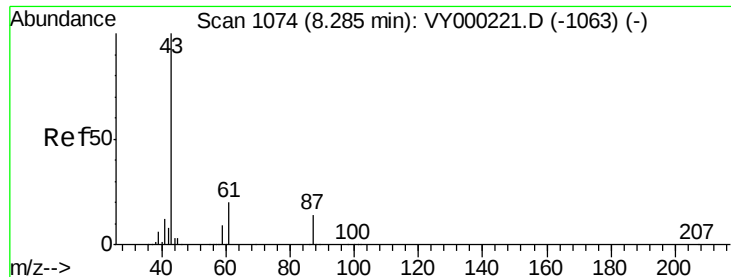
98 9.9 0.0 20.0



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 97.90 (97.60 to 98.60): VY0





#43

Isopropyl Acetate

Concen: 2.238 ug/l

RT: 8.28 min Scan# 1074

Delta R.T. 0.00 min

Lab File: VY000261.D

Acq: 10 Oct 2019 18:14

Instrument :

MSVOA_Y

ClientSampled :

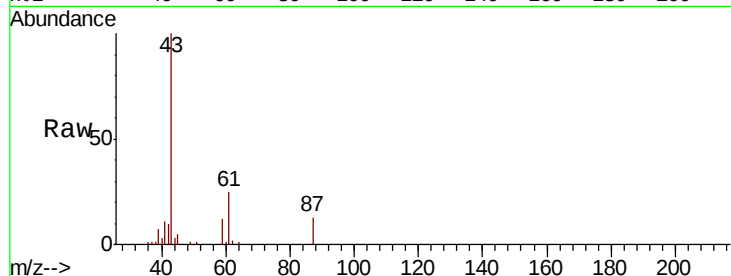
Tot Ion: 43 Resp: 21716

Ion Ratio Lower Upper

43 100

61 23.7 20.1 30.1

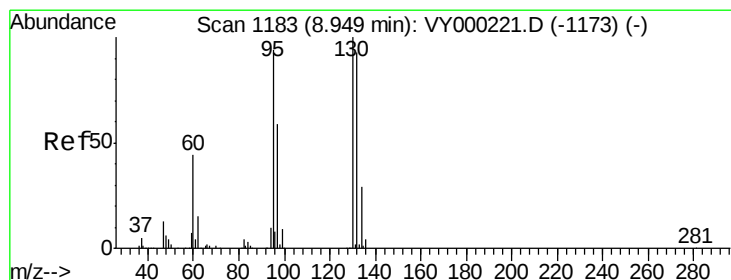
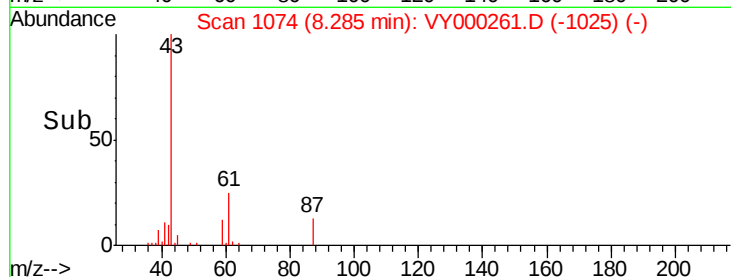
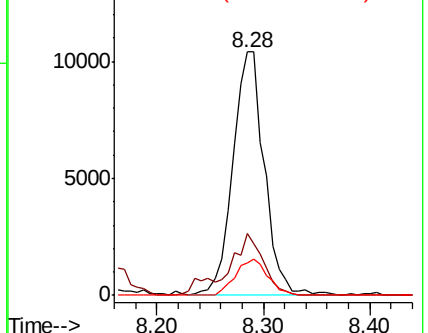
87 15.0 10.6 15.8



Abundance Ion 43.00 (42.70 to 43.70): VY000261.D (-1063) (-)

Ion 61.00 (60.70 to 61.70): VY000261.D (-1063) (-)

Ion 87.00 (86.70 to 87.70): VY000261.D (-1063) (-)



#44

Trichloroethene

Concen: 2.323 ug/l

RT: 8.95 min Scan# 1183

Delta R.T. 0.00 min

Lab File: VY000261.D

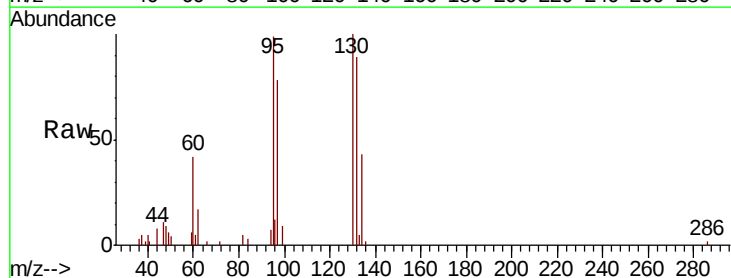
Acq: 10 Oct 2019 18:14

Tgt Ion: 130 Resp: 7967

Ion Ratio Lower Upper

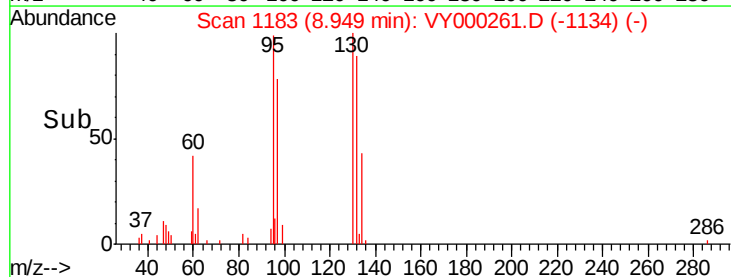
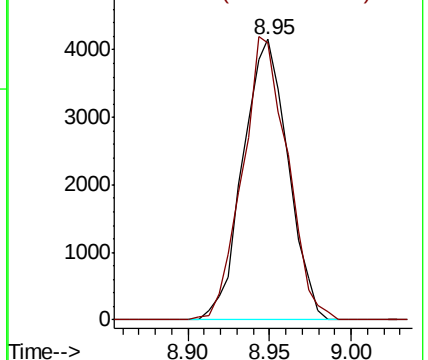
130 100

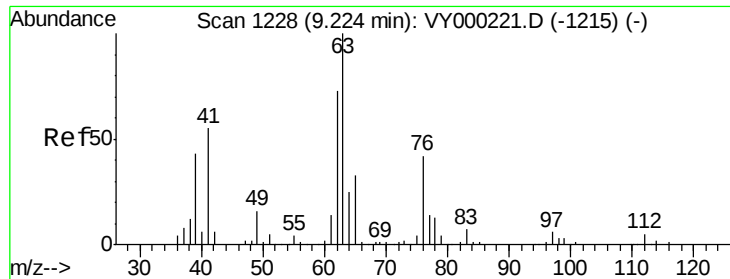
95 98.8 0.0 189.0



Abundance Ion 129.80 (129.50 to 130.50): VY000261.D (-1134) (-)

Ion 94.90 (94.60 to 95.60): VY000261.D (-1134) (-)

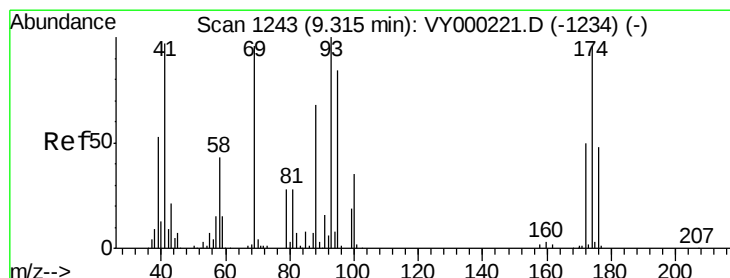
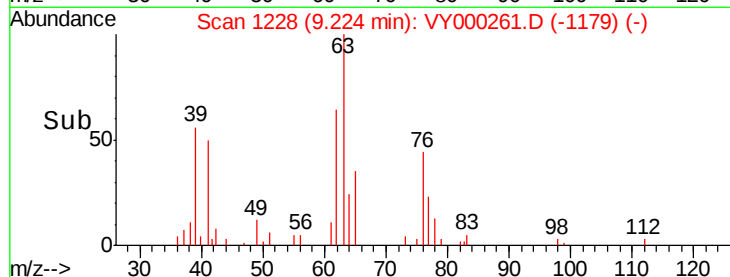
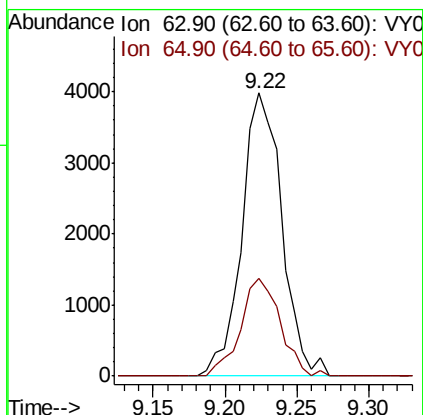
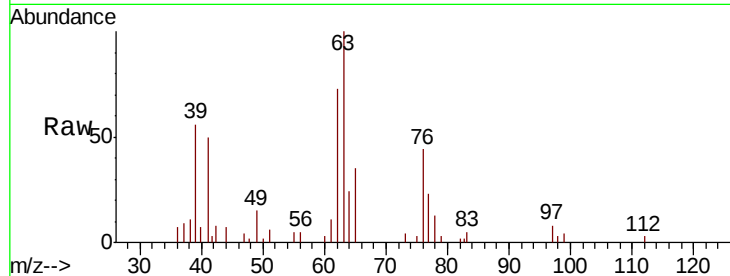




#45
 1,2-Dichloropropane
 Concen: 2.414 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. 0.00 min
 Lab File: VY000261.D
 Acq: 10 Oct 2019 18:14

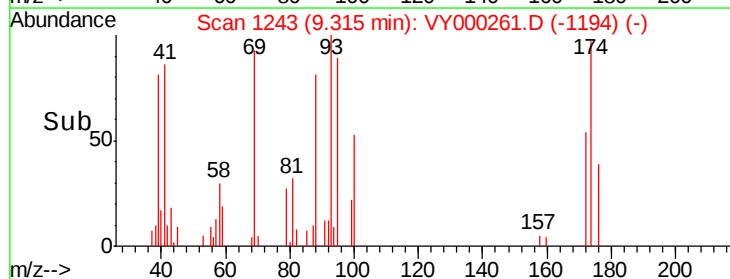
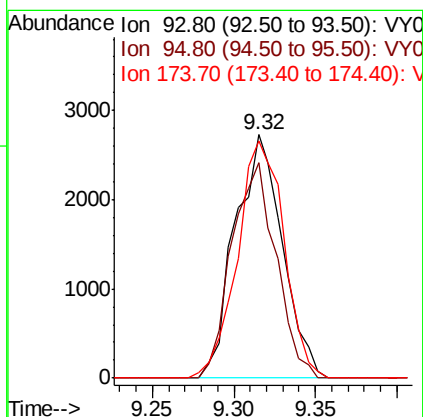
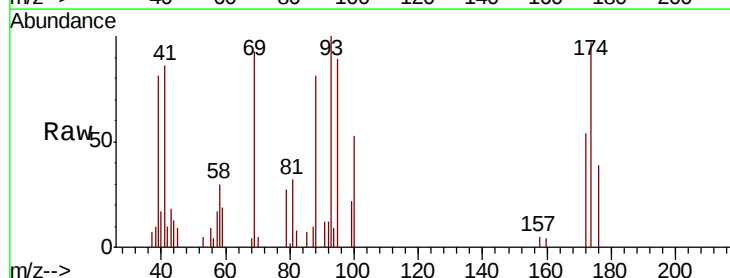
Instrument :
 MSVOA_Y
 ClientSampled :

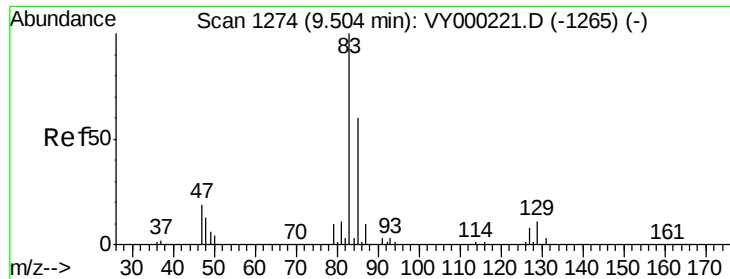
Tot Ion: 63 Resp: 7646
 Ion Ratio Lower Upper
 63 100
 65 34.5 26.6 39.8



#46
 Dibromomethane
 Concen: 2.474 ug/l
 RT: 9.32 min Scan# 1243
 Delta R.T. 0.00 min
 Lab File: VY000261.D
 Acq: 10 Oct 2019 18:14

Tgt Ion: 93 Resp: 5494
 Ion Ratio Lower Upper
 93 100
 95 83.1 67.0 100.6
 174 96.2 77.5 116.3





#47

Bromodichloromethane

Concen: 2.325 ug/l

RT: 9.50 min Scan# 1274

Delta R.T. 0.00 min

Lab File: VY000261.D

Acq: 10 Oct 2019 18:14

Instrument :

MSVOA_Y

ClientSampleId :

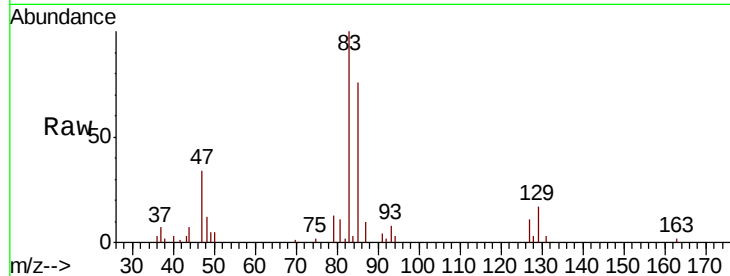
Tot Ion: 83 Resp: 10099

Ion Ratio Lower Upper

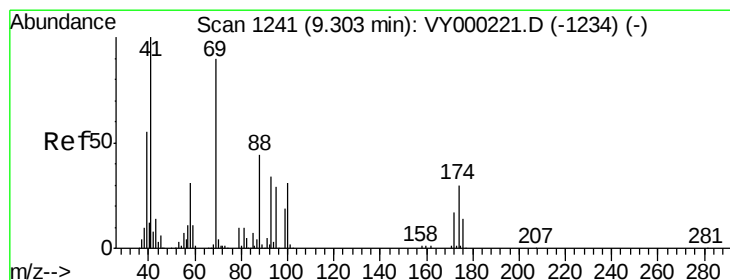
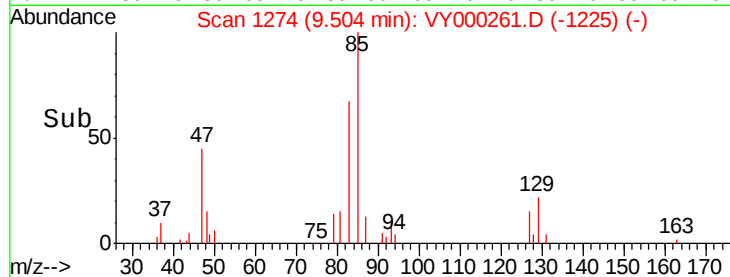
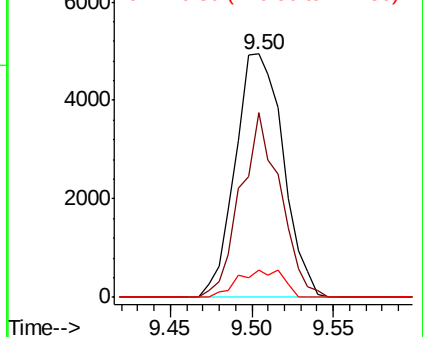
83 100

85 76.0 48.0 72.0#

127 11.5 6.5 9.7#



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



#48

Methyl methacrylate

Concen: 2.321 ug/l

RT: 9.30 min Scan# 1241

Delta R.T. 0.00 min

Lab File: VY000261.D

Acq: 10 Oct 2019 18:14

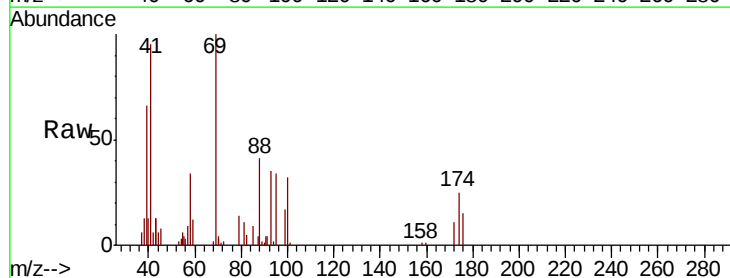
Tgt Ion: 41 Resp: 10164

Ion Ratio Lower Upper

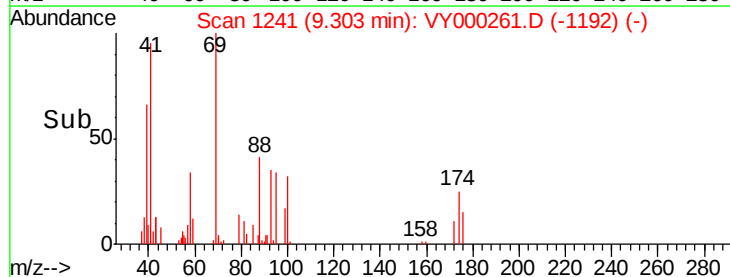
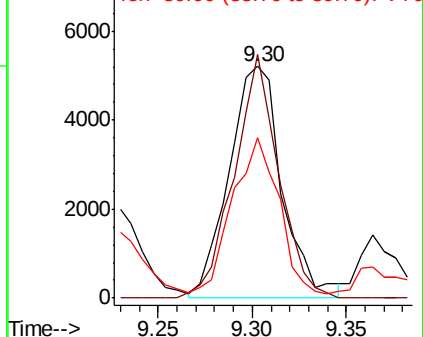
41 100

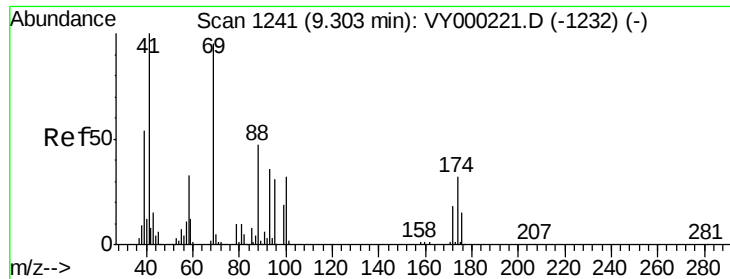
69 87.7 70.3 105.5

39 62.4 45.5 68.3



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

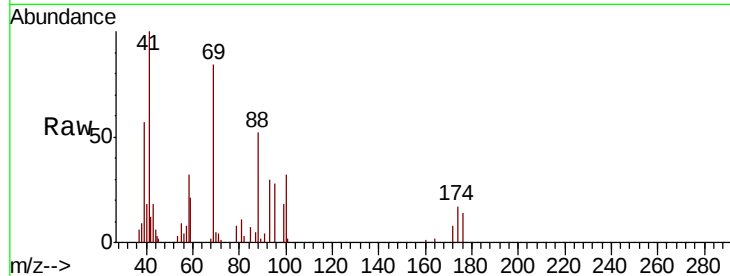




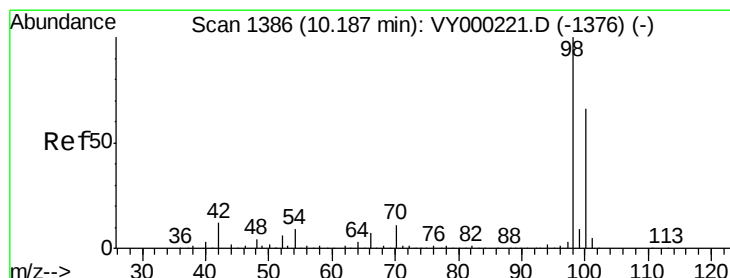
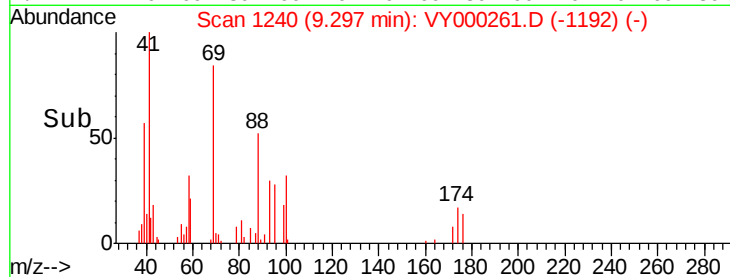
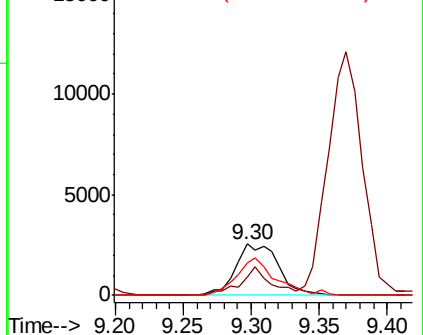
#49
1,4-Dioxane
Concen: 49.738 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. -0.01 min
Lab File: VY000261.D
Acq: 10 Oct 2019 18:14

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 88 Resp: 5591
Ion Ratio Lower Upper
88 100
43 38.9 24.5 36.7#
58 64.2 54.2 81.2

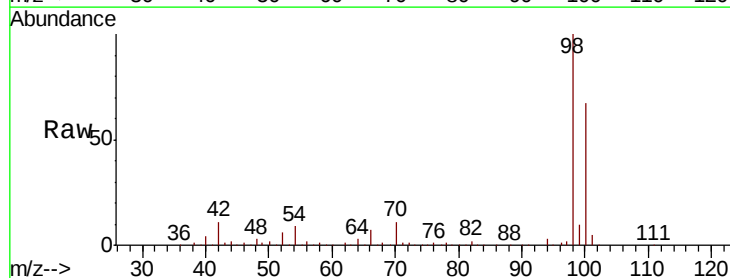


Abundance Ion 88.00 (87.70 to 88.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0

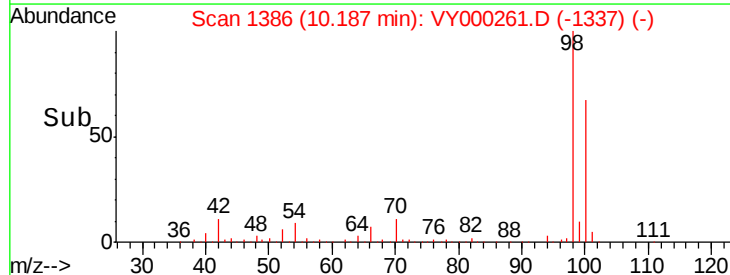
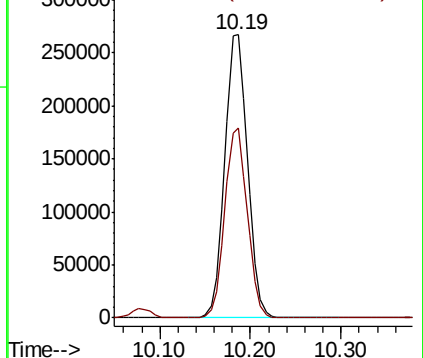


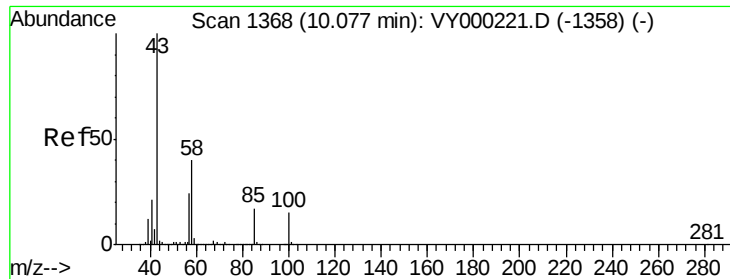
#50
Toluene-d8
Concen: 46.419 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. 0.00 min
Lab File: VY000261.D
Acq: 10 Oct 2019 18:14

Tgt Ion: 98 Resp: 465541
Ion Ratio Lower Upper
98 100
100 66.3 53.0 79.6



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

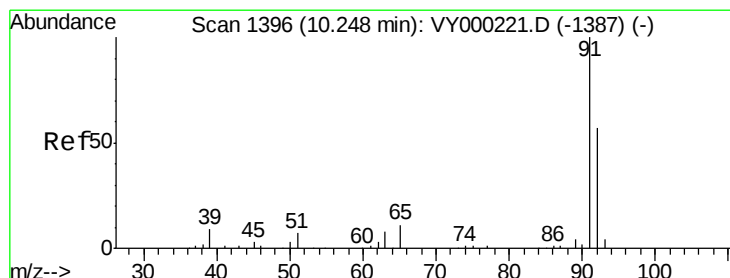
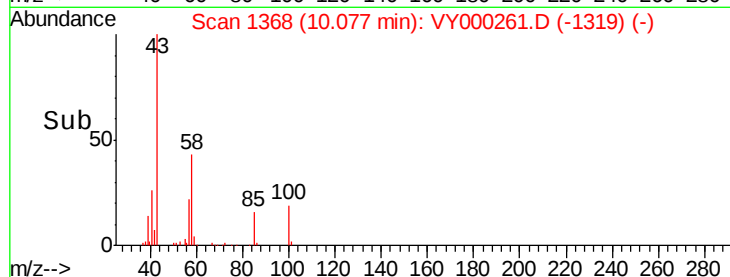
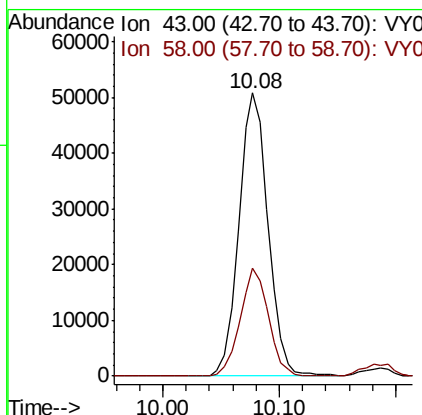
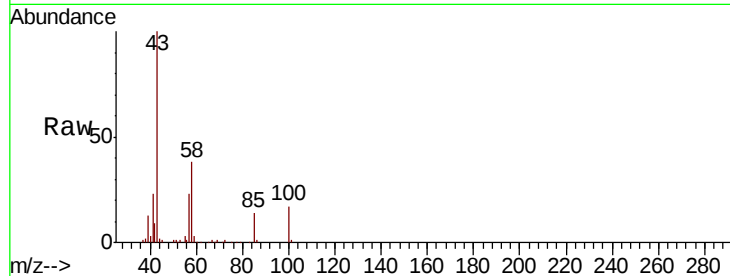




#51
4-Methyl-2-Pentanone
Concen: 12.111 ug/l
RT: 10.08 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VY000261.D
Acq: 10 Oct 2019 18:14

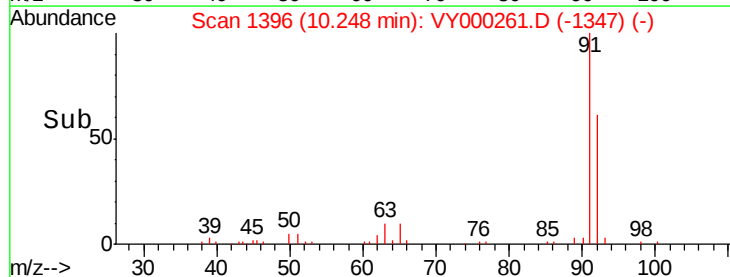
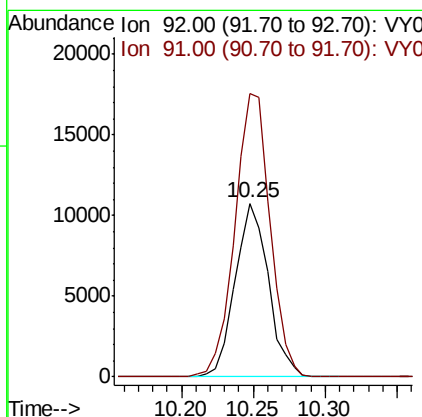
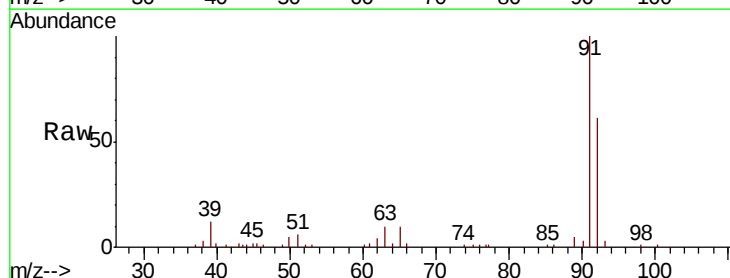
Instrument :
MSVOA_Y
ClientSampled :

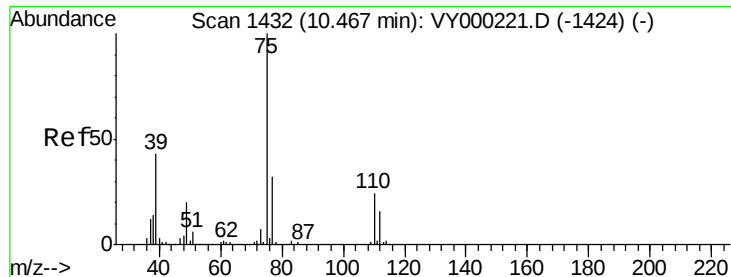
Tot Ion: 43 Resp: 88302
Ion Ratio Lower Upper
43 100
58 37.1 31.7 47.5



#52
Toluene
Concen: 2.129 ug/l
RT: 10.25 min Scan# 1396
Delta R.T. 0.00 min
Lab File: VY000261.D
Acq: 10 Oct 2019 18:14

Tgt Ion: 92 Resp: 17268
Ion Ratio Lower Upper
92 100
91 172.6 139.1 208.7





#53

t-1,3-Dichloropropene

Concen: 2.172 ug/l

RT: 10.47 min Scan# 1433

Delta R.T. 0.01 min

Lab File: VY000261.D

Acq: 10 Oct 2019 18:14

Instrument :

MSVOA_Y

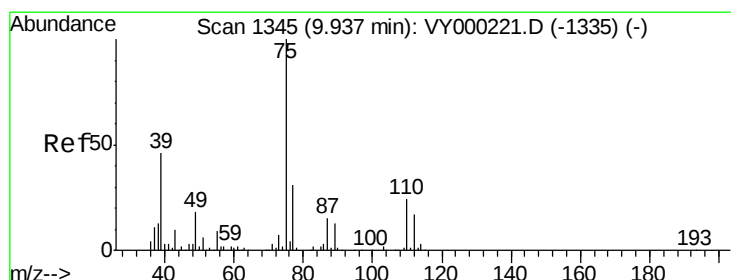
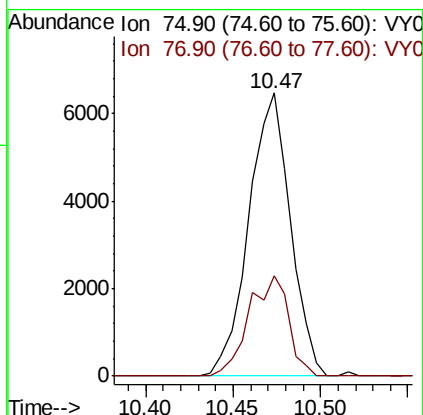
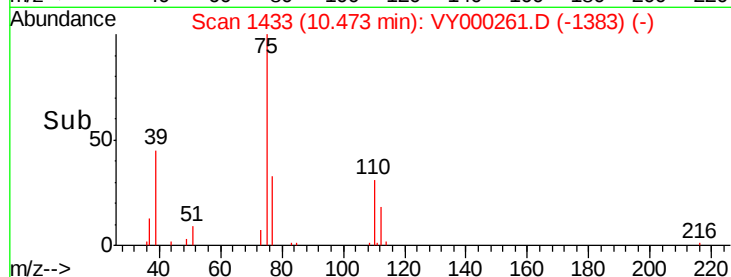
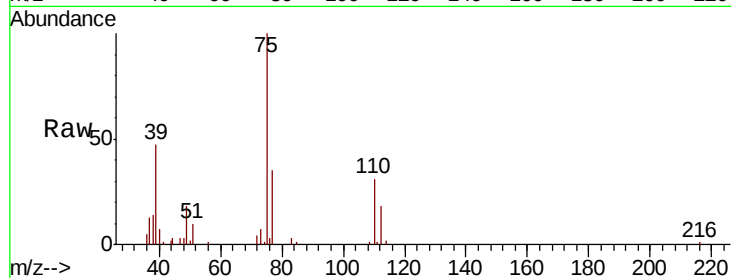
ClientSampleId :

Tot Ion: 75 Resp: 10705

Ion Ratio Lower Upper

75 100

77 35.4 25.3 37.9



#54

cis-1,3-Dichloropropene

Concen: 2.230 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. -0.01 min

Lab File: VY000261.D

Acq: 10 Oct 2019 18:14

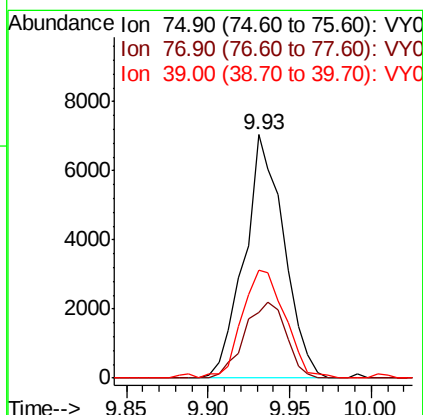
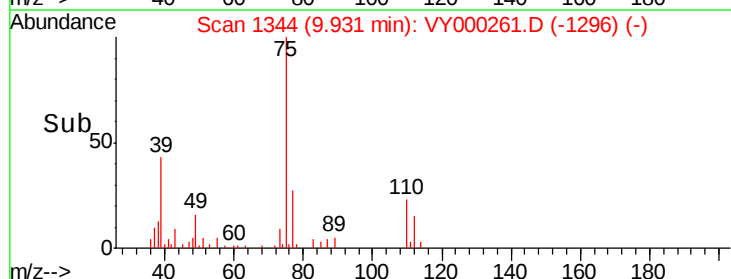
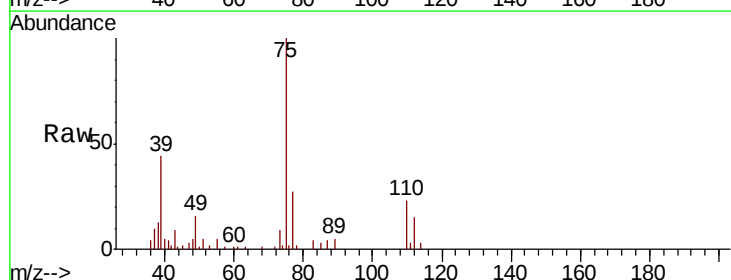
Tgt Ion: 75 Resp: 11890

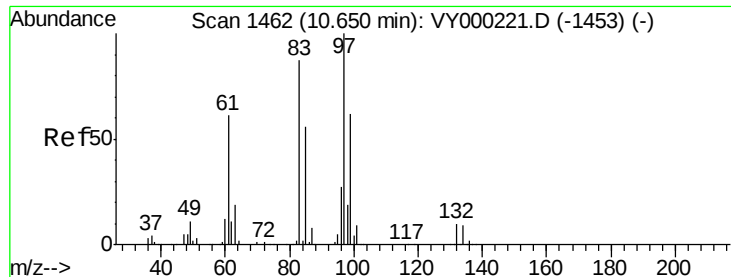
Ion Ratio Lower Upper

75 100

77 26.8 25.0 37.4

39 44.4 36.3 54.5

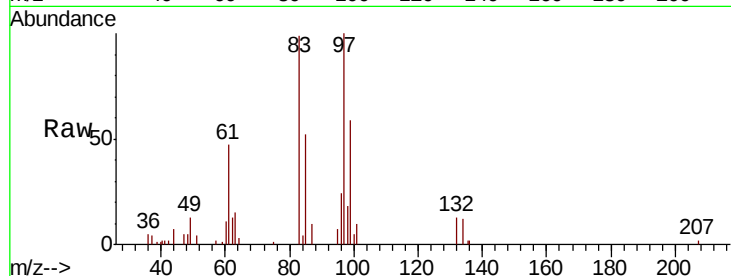




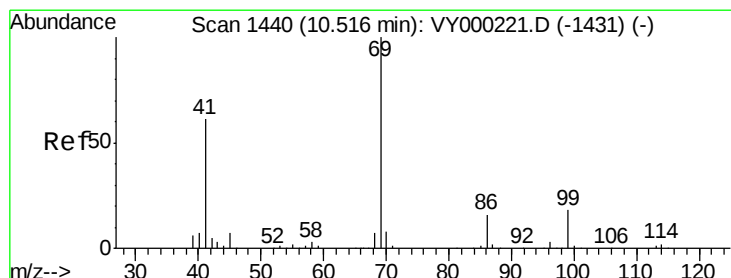
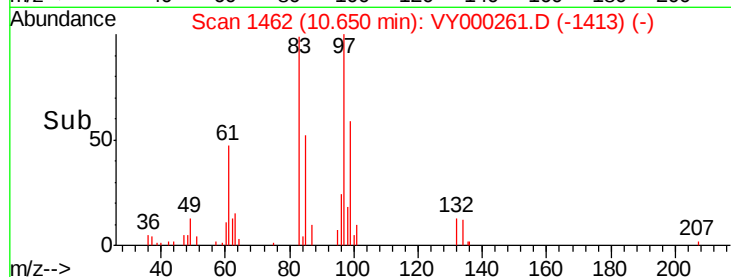
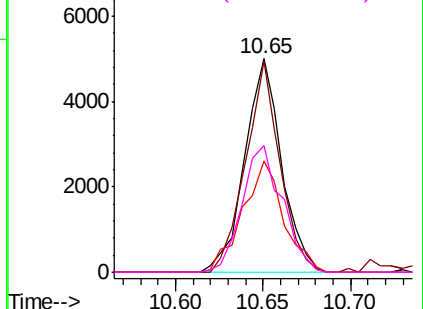
#55
1,1,2-Trichloroethane
Concen: 2.296 ug/l
RT: 10.65 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VY000261.D
Acq: 10 Oct 2019 18:14

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 97 Resp: 7345
Ion Ratio Lower Upper
97 100
83 99.0 69.4 104.0
85 52.2 44.6 66.8
99 59.3 49.2 73.8

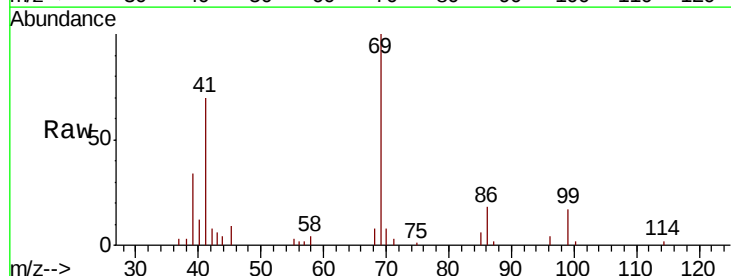


Abundance Ion 96.90 (96.60 to 97.60): VY0
Ion 82.90 (82.60 to 83.60): VY0
Ion 84.90 (84.60 to 85.60): VY0
Ion 98.90 (98.60 to 99.60): VY0

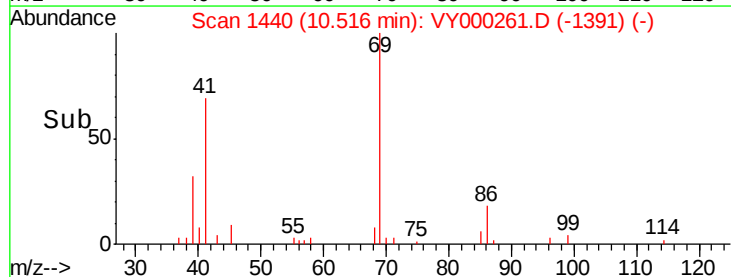
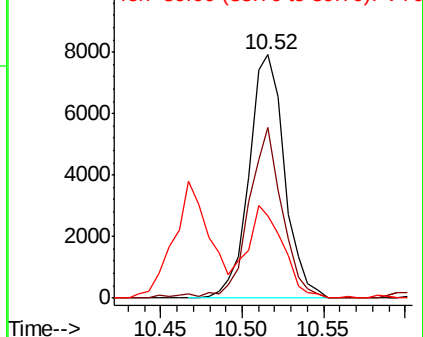


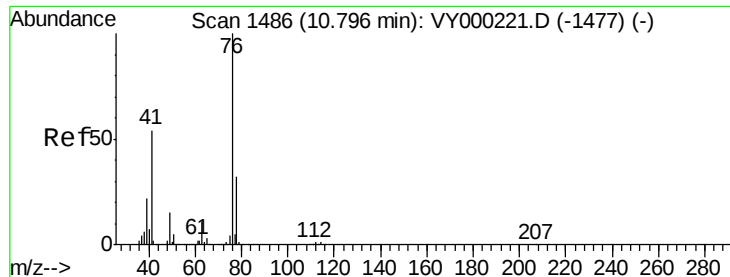
#56
Ethyl methacrylate
Concen: 2.137 ug/l
RT: 10.52 min Scan# 1440
Delta R.T. 0.00 min
Lab File: VY000261.D
Acq: 10 Oct 2019 18:14

Tgt Ion: 69 Resp: 12033
Ion Ratio Lower Upper
69 100
41 65.2 51.2 76.8
39 38.5 27.0 40.4



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: 2.470 ug/l

RT: 10.80 min Scan# 1486

Delta R.T. 0.00 min

Lab File: VY000261.D

Acq: 10 Oct 2019 18:14

Instrument :

MSVOA_Y

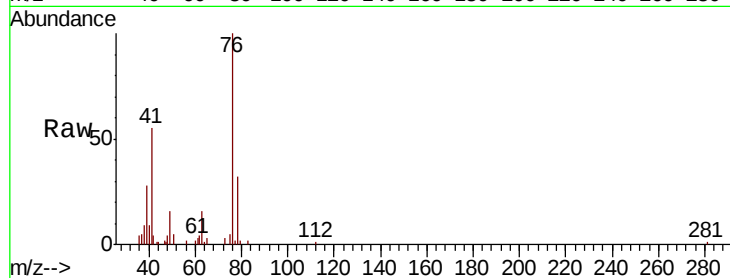
ClientSampleId :

Tot Ion: 76 Resp: 13490

Ion Ratio Lower Upper

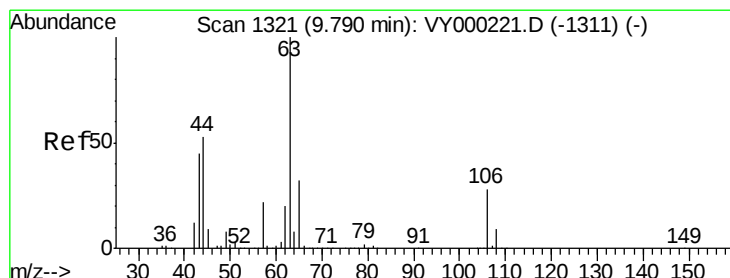
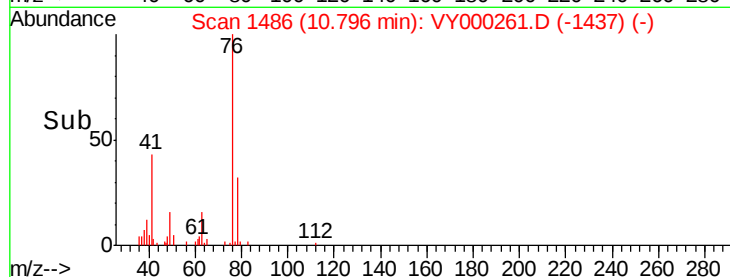
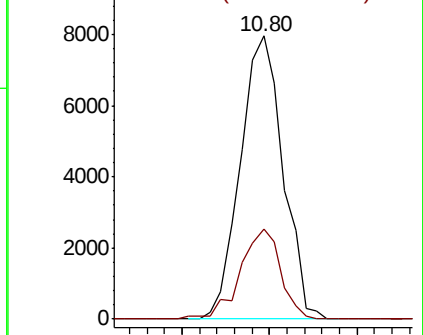
76 100

78 30.0 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: 11.667 ug/l

RT: 9.79 min Scan# 1321

Delta R.T. 0.00 min

Lab File: VY000261.D

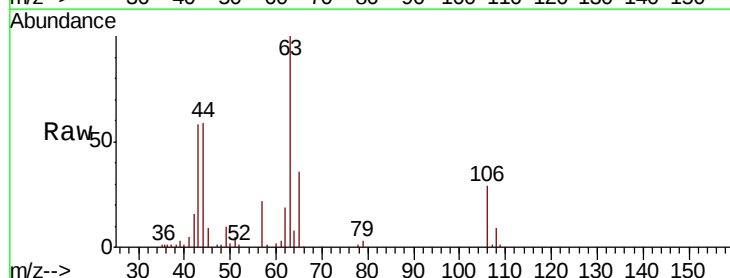
Acq: 10 Oct 2019 18:14

Tgt Ion: 63 Resp: 29286

Ion Ratio Lower Upper

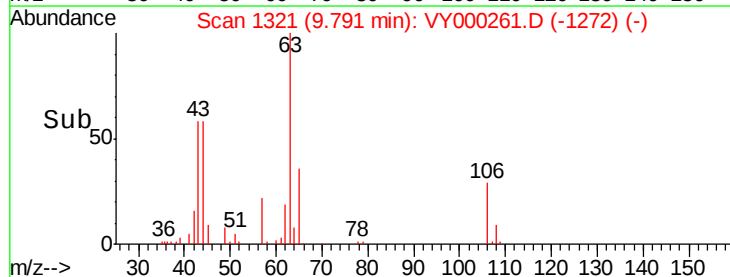
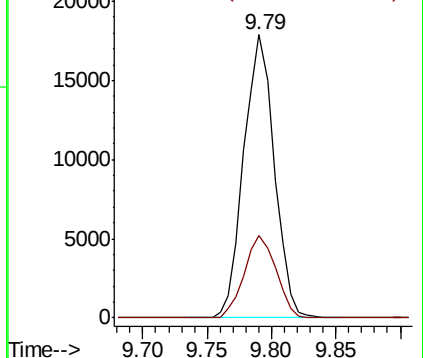
63 100

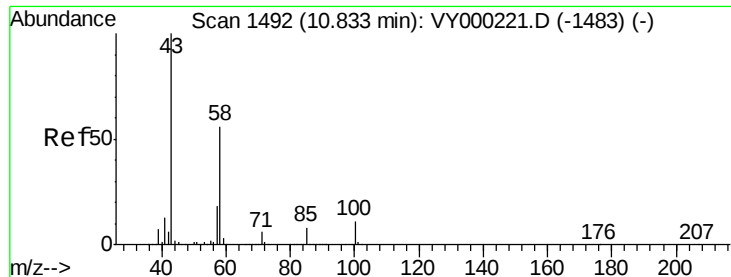
106 30.0 22.6 33.8



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

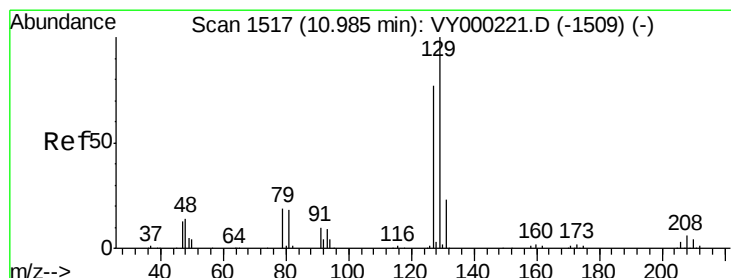
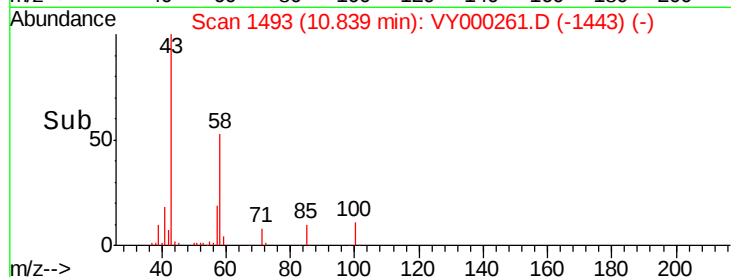
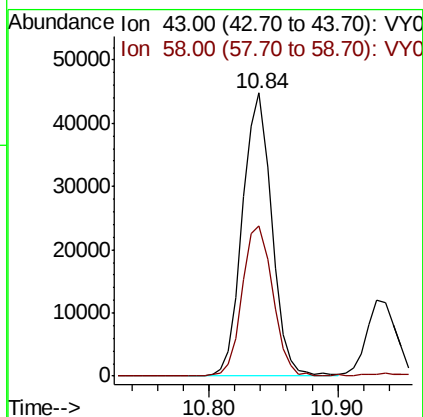
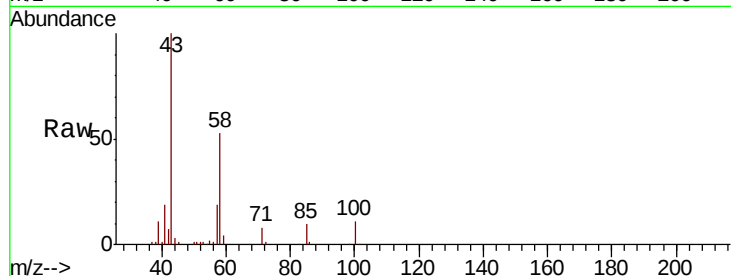




#59
2-Hexanone
Concen: 4.162 ug/l
RT: 10.84 min Scan# 1493
Delta R.T. 0.01 min
Lab File: VY000261.D
Acq: 10 Oct 2019 18:14

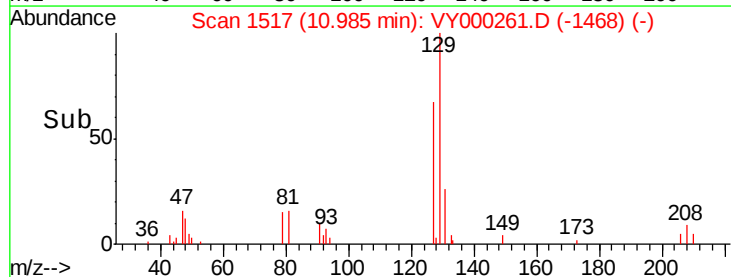
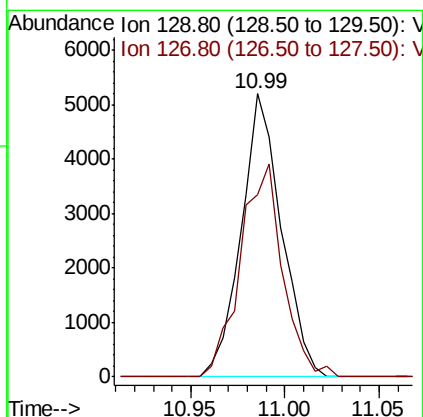
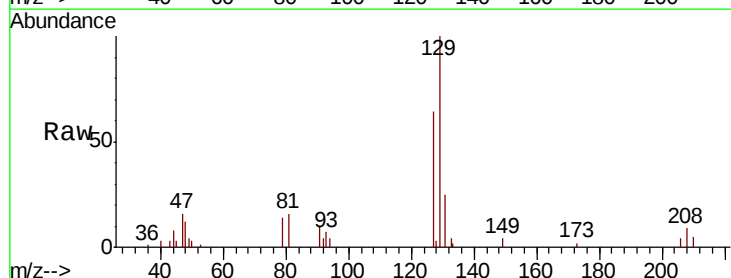
Instrument :
MSVOA_Y
ClientSampled :

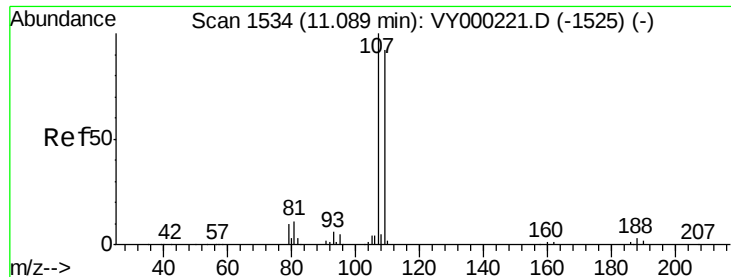
Tot Ion: 43 Resp: 70545
Ion Ratio Lower Upper
43 100
58 55.1 28.2 84.6



#60
Dibromochloromethane
Concen: 2.277 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY000261.D
Acq: 10 Oct 2019 18:14

Tgt Ion: 129 Resp: 7699
Ion Ratio Lower Upper
129 100
127 79.0 39.1 117.2

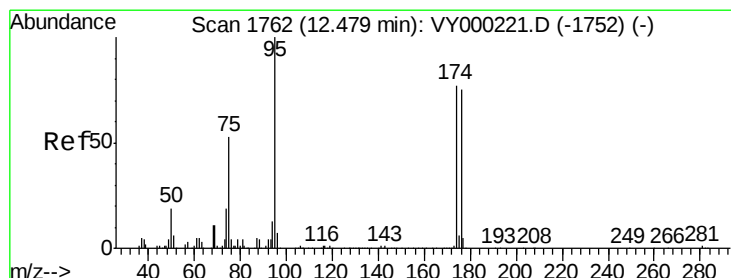
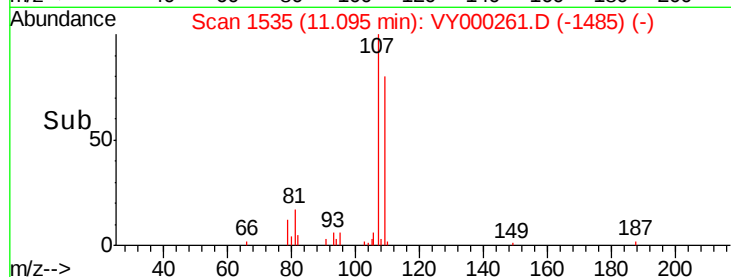
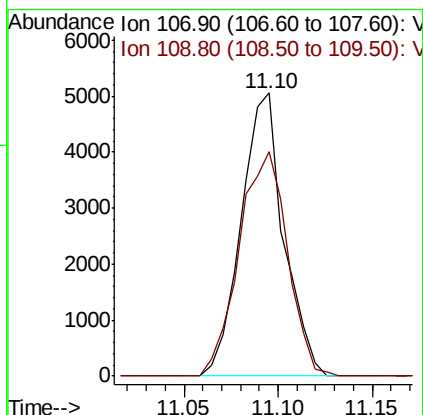
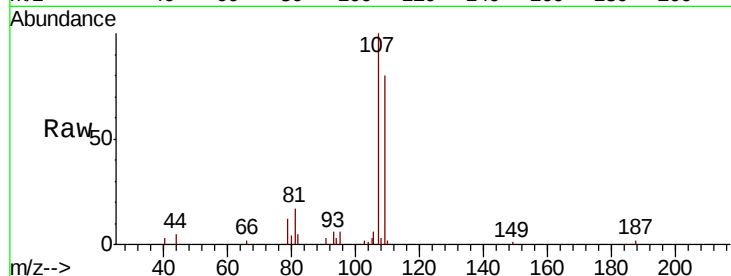




#61
 1,2-Dibromoethane
 Concen: 2.328 ug/l
 RT: 11.10 min Scan# 1535
 Delta R.T. 0.01 min
 Lab File: VY000261.D
 Acq: 10 Oct 2019 18:14

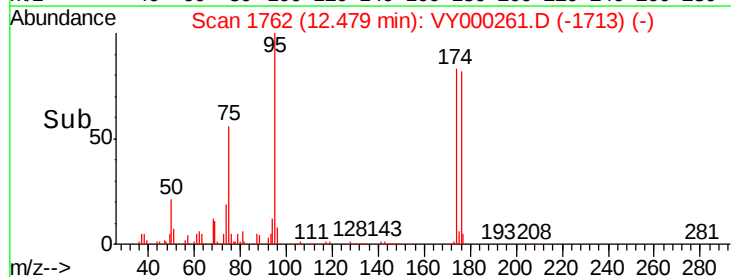
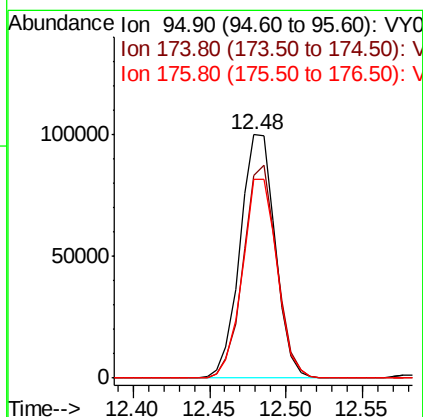
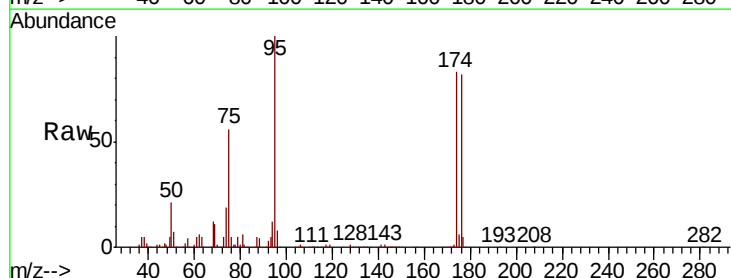
Instrument :
 MSVOA_Y
 ClientSampleId :

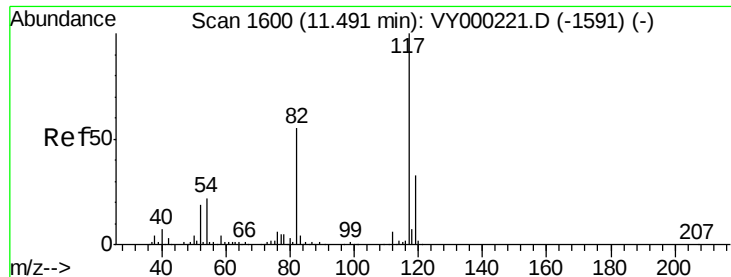
Tot Ion: 107 Resp: 7909
 Ion Ratio Lower Upper
 107 100
 109 90.0 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 44.903 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY000261.D
 Acq: 10 Oct 2019 18:14

Tgt Ion: 95 Resp: 158937
 Ion Ratio Lower Upper
 95 100
 174 83.8 0.0 157.0
 176 81.0 0.0 153.0

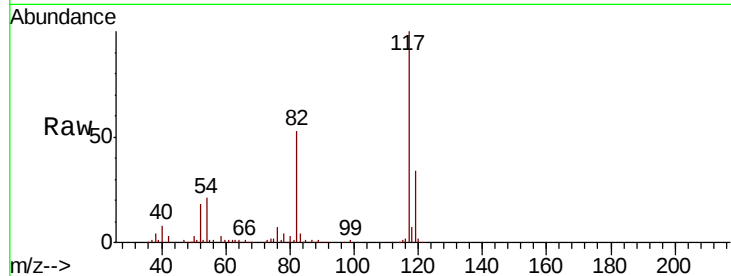




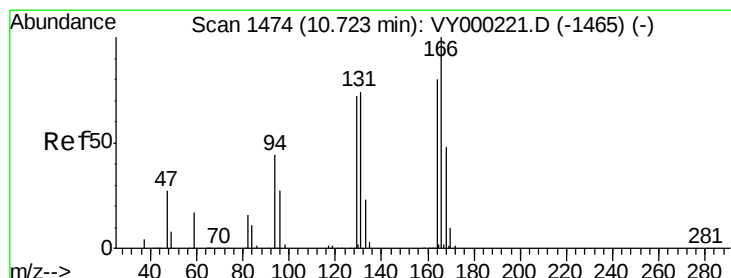
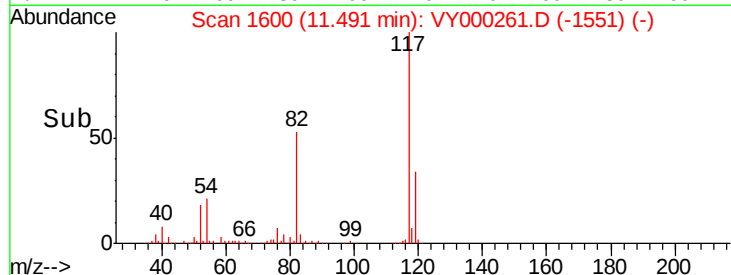
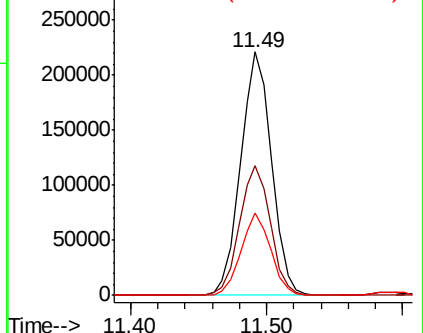
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY000261.D
Acq: 10 Oct 2019 18:14

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:117 Resp: 350455
Ion Ratio Lower Upper
117 100
82 53.4 44.4 66.6
119 33.6 26.2 39.2

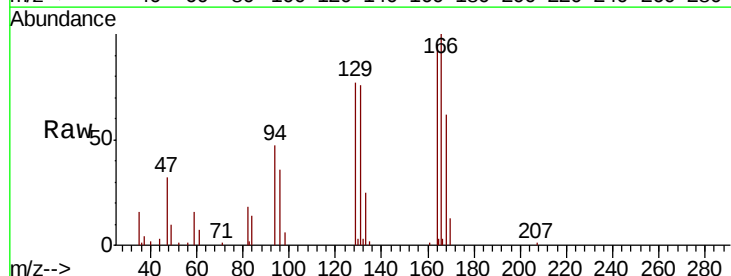


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

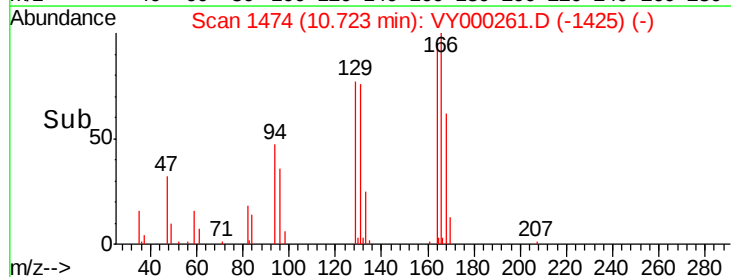
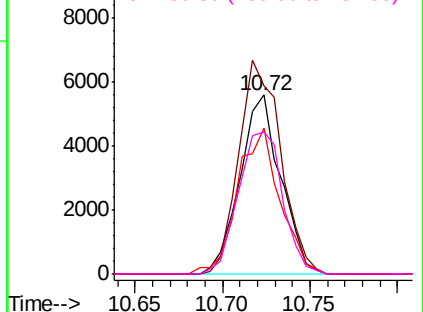


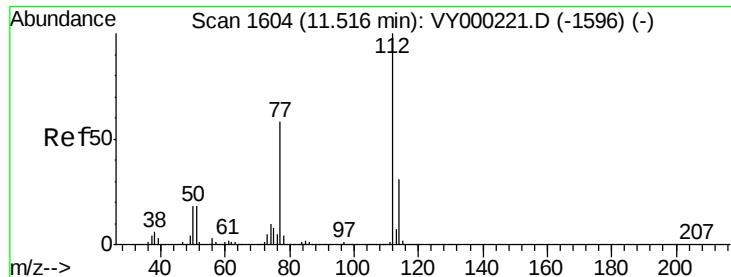
#64
Tetrachloroethene
Concen: 2.825 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VY000261.D
Acq: 10 Oct 2019 18:14

Tgt Ion:164 Resp: 9048
Ion Ratio Lower Upper
164 100
166 105.5 100.3 150.5
129 81.4 72.4 108.6
131 79.9 74.4 111.6



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

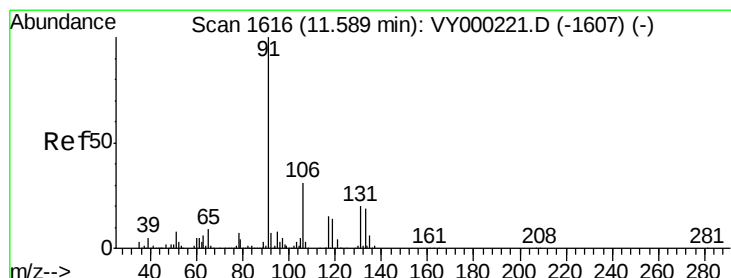
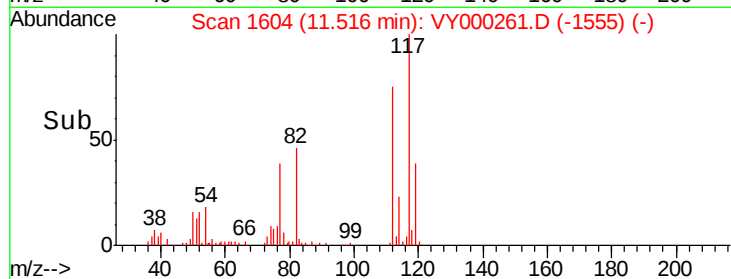
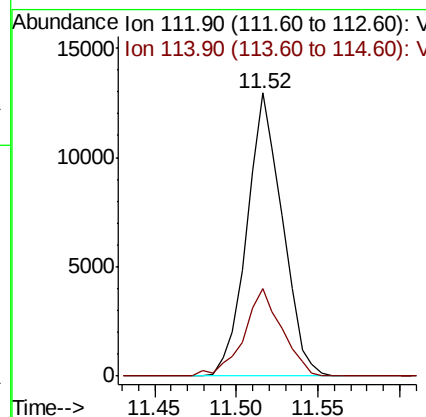
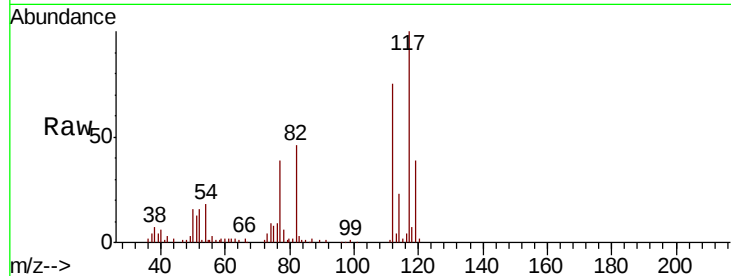




#65
Chlorobenzene
Concen: 2.421 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VY000261.D
Acq: 10 Oct 2019 18:14

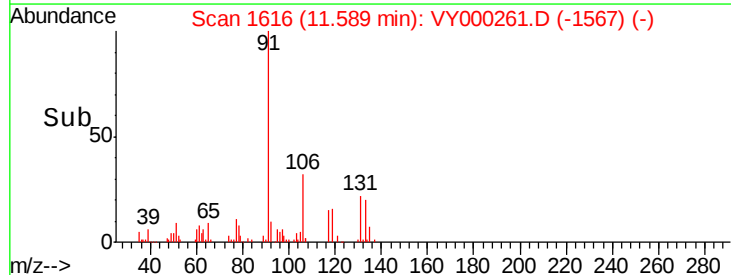
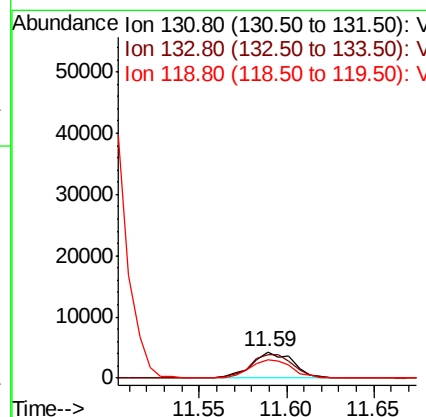
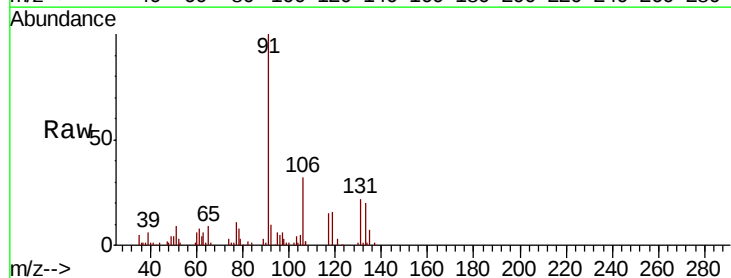
Instrument :
MSVOA_Y
ClientSampled :

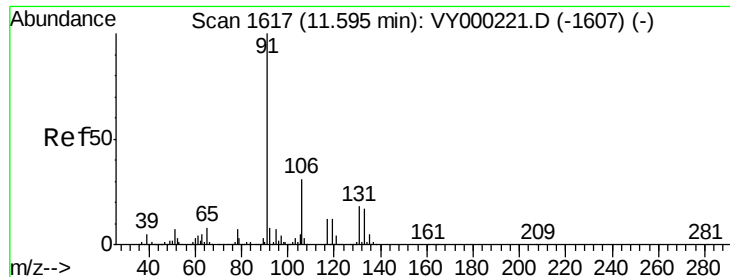
Tot Ion:112 Resp: 19665
Ion Ratio Lower Upper
112 100
114 30.8 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 2.387 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY000261.D
Acq: 10 Oct 2019 18:14

Tgt Ion:131 Resp: 6931
Ion Ratio Lower Upper
131 100
133 96.3 47.0 141.2
119 71.5 33.3 99.8





#67

Ethyl Benzene

Concen: 2.255 ug/l

RT: 11.60 min Scan# 1617

Delta R.T. 0.00 min

Lab File: VY000261.D

Acq: 10 Oct 2019 18:14

Instrument :

MSVOA_Y

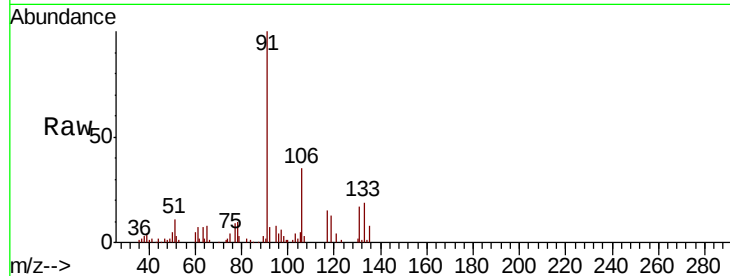
ClientSampled :

Tot Ion: 91 Resp: 32734

Ion Ratio Lower Upper

91 100

106 35.2 25.2 37.8



Abundance Ion 91.00 (90.70 to 91.70): VY000221.D (-1607) (-)

Ion 106.00 (105.70 to 106.70): VY000221.D (-1607) (-)

11.60

20000

15000

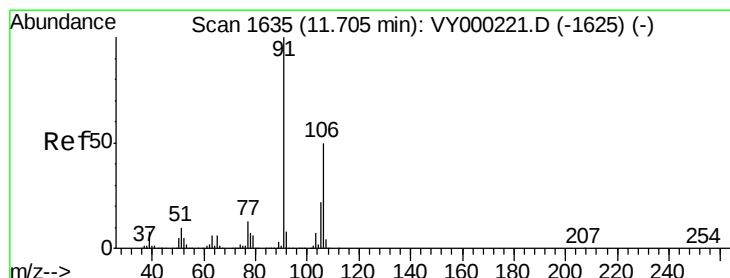
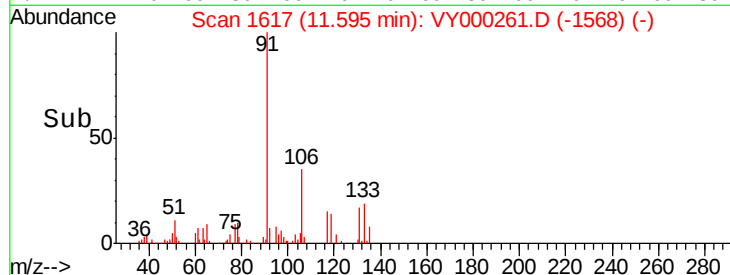
10000

5000

0

Time-->

11.55 11.60 11.65



#68

m/p-Xylenes

Concen: 4.494 ug/l

RT: 11.70 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VY000261.D

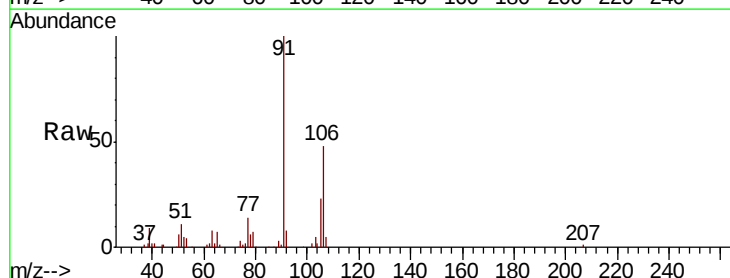
Acq: 10 Oct 2019 18:14

Tgt Ion: 106 Resp: 24895

Ion Ratio Lower Upper

106 100

91 193.8 159.9 239.9



Abundance Ion 106.00 (105.70 to 106.70): VY000221.D (-1625) (-)

Ion 91.00 (90.70 to 91.70): VY000221.D (-1625) (-)

11.70

30000

25000

20000

15000

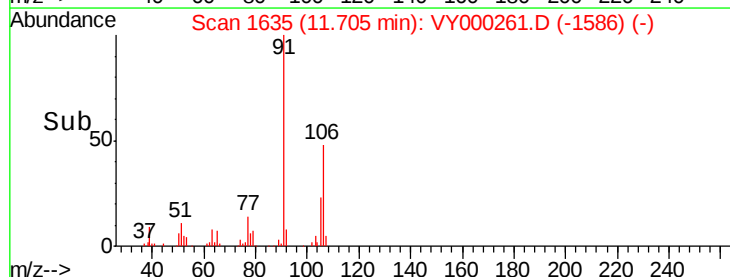
10000

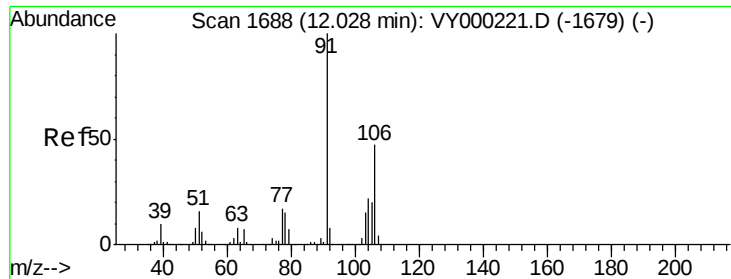
5000

0

Time-->

11.65 11.70 11.75

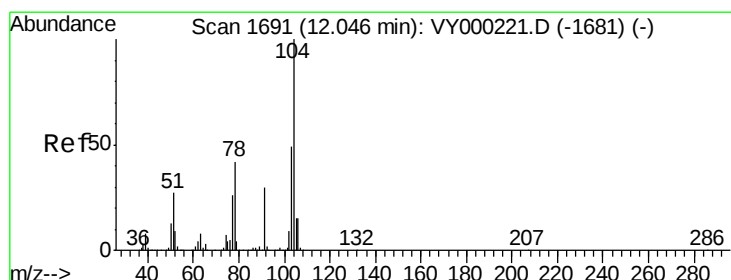
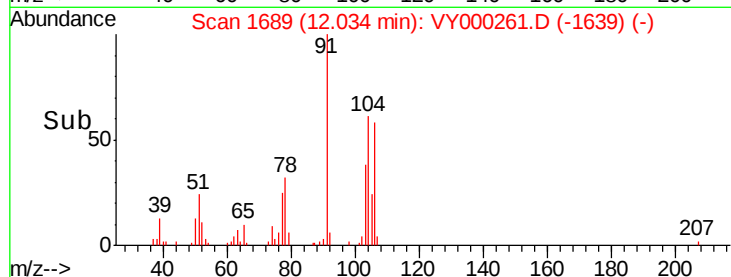
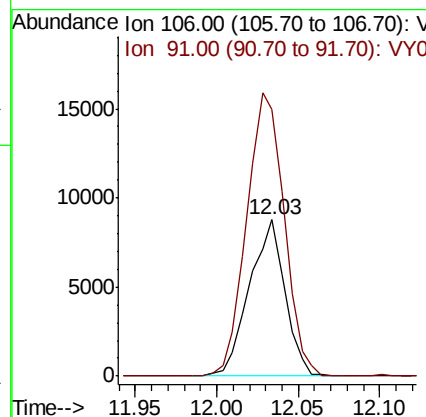
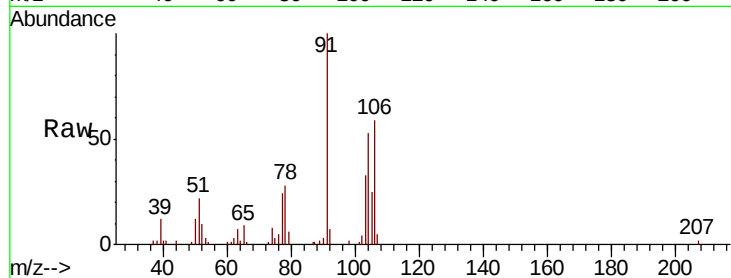




#69
o-Xylene
Concen: 2.501 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. 0.01 min
Lab File: VY000261.D
Acq: 10 Oct 2019 18:14

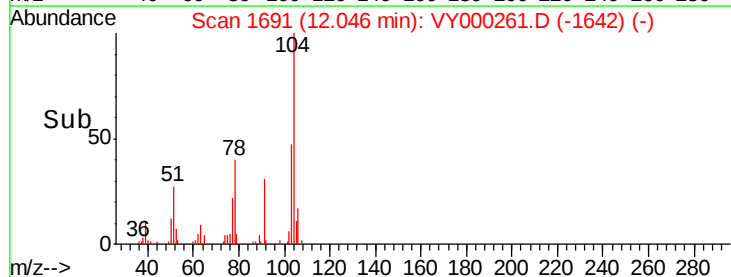
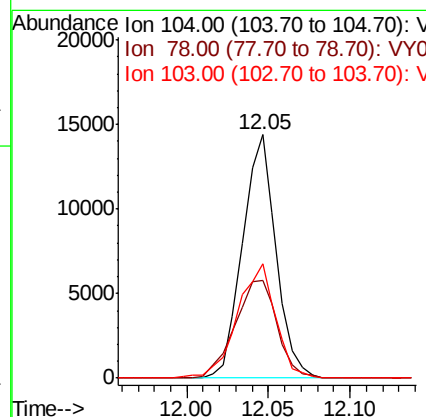
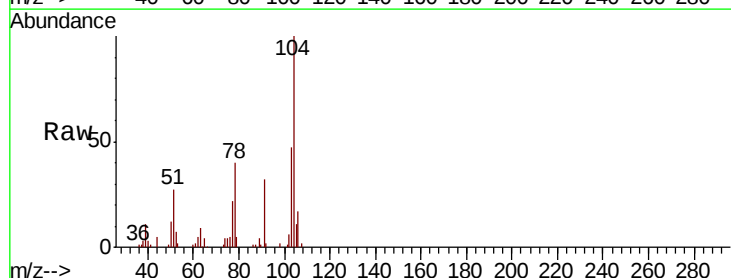
Instrument :
MSVOA_Y
ClientSampled :

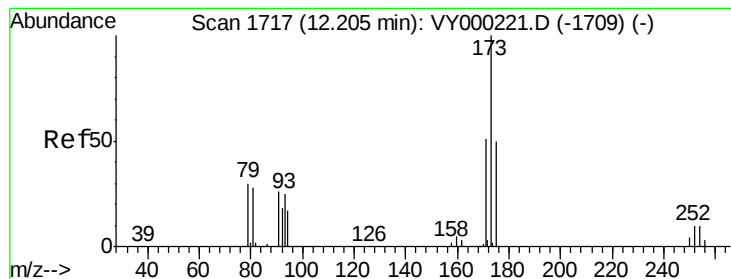
Tot Ion:106 Resp: 13347
Ion Ratio Lower Upper
106 100
91 191.4 106.1 318.1



#70
Styrene
Concen: 2.233 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.00 min
Lab File: VY000261.D
Acq: 10 Oct 2019 18:14

Tgt Ion:104 Resp: 20524
Ion Ratio Lower Upper
104 100
78 50.7 39.0 58.4
103 53.8 43.1 64.7





#71

Bromoform

Concen: 2.386 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VY000261.D

Acq: 10 Oct 2019 18:14

Instrument :

MSVOA_Y

ClientSampleId :

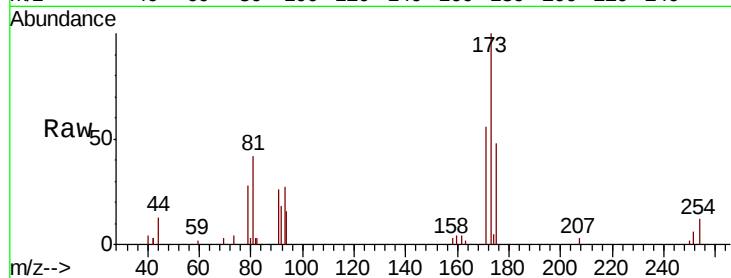
Tot Ion:173 Resp: 5716

Ion Ratio Lower Upper

173 100

175 45.2 24.8 74.3

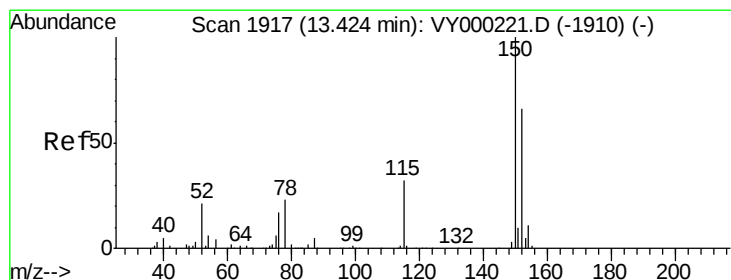
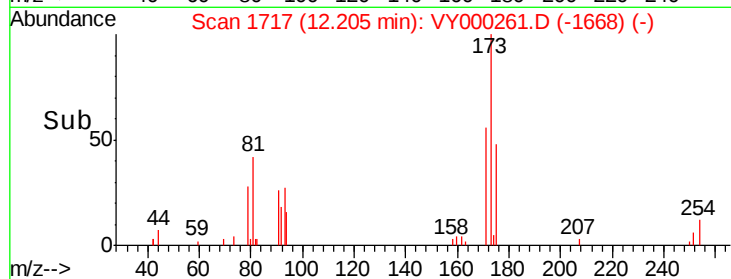
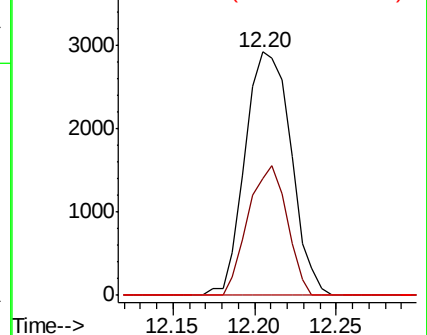
254 0.0 0.1 0.1#



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# 1917

Delta R.T. 0.00 min

Lab File: VY000261.D

Acq: 10 Oct 2019 18:14

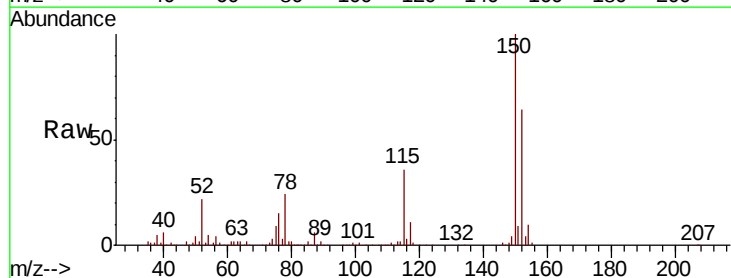
Tgt Ion:152 Resp: 160022

Ion Ratio Lower Upper

152 100

115 59.0 29.3 88.0

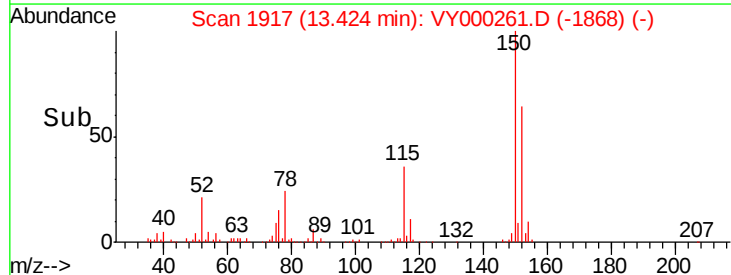
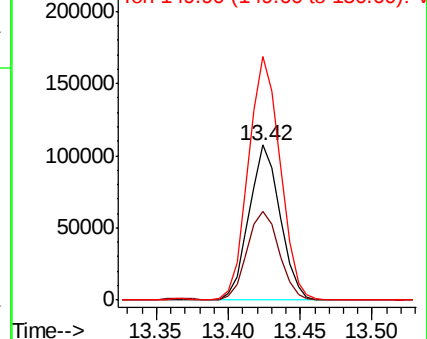
150 160.2 0.0 349.6

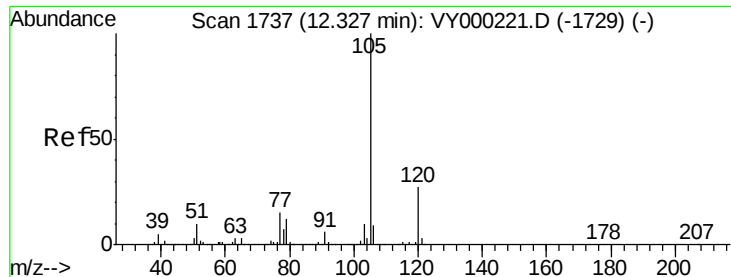


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 2.314 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY000261.D

Acq: 10 Oct 2019 18:14

Instrument :

MSVOA_Y

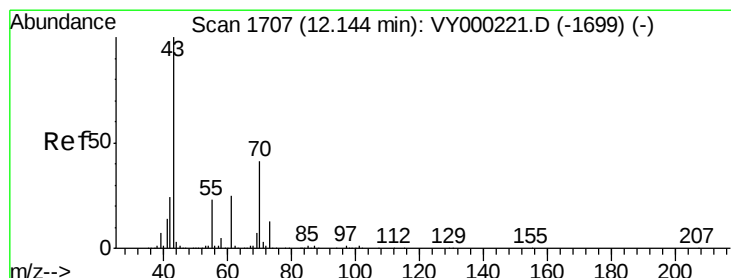
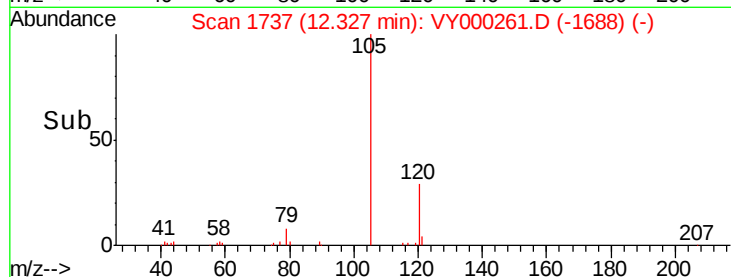
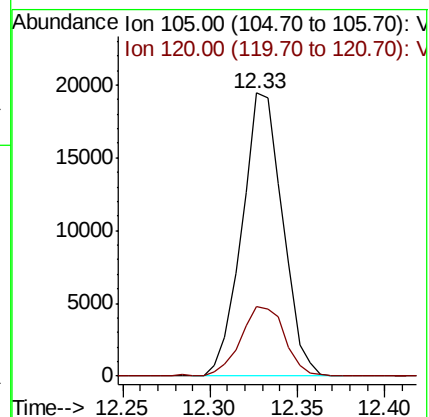
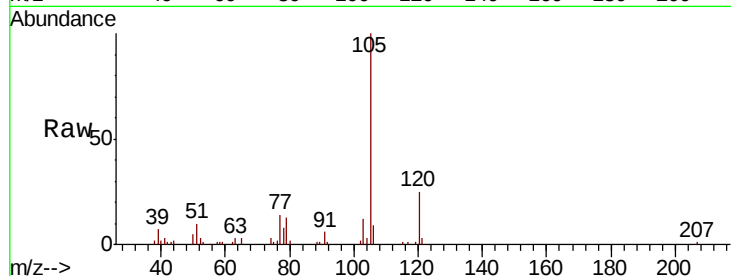
ClientSampleId :

Tot Ion: 105 Resp: 31373

Ion Ratio Lower Upper

105 100

120 26.8 13.6 40.8



#74

N-ethyl acetate

Concen: 2.014 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VY000261.D

Acq: 10 Oct 2019 18:14

Tgt Ion: 43 Resp: 13547

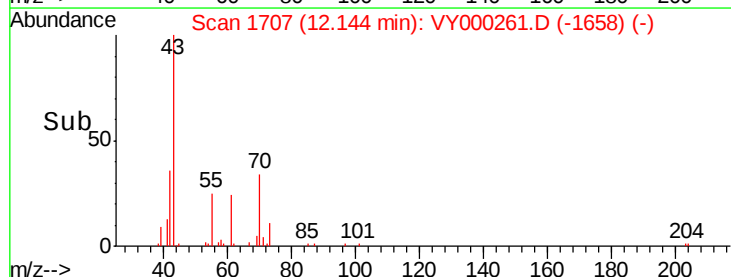
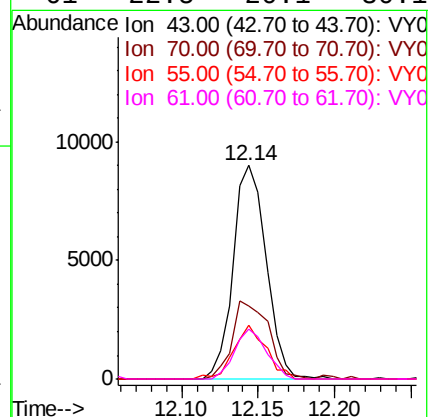
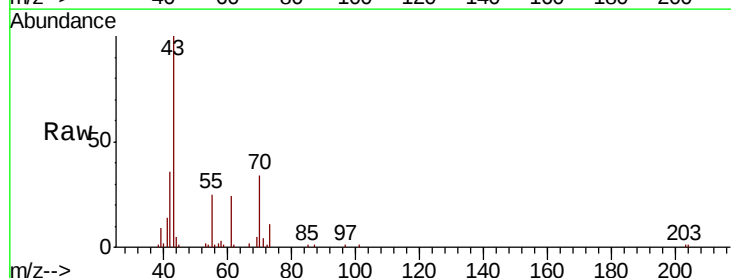
Ion Ratio Lower Upper

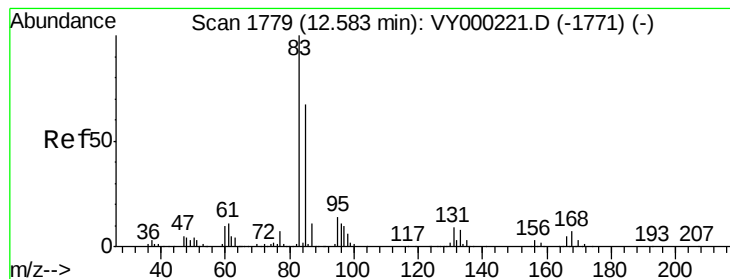
43 100

70 39.6 34.9 52.3

55 24.5 18.2 27.2

61 22.5 20.1 30.1





#75

1,1,2,2-Tetrachloroethane

Concen: 2.474 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY000261.D

Acq: 10 Oct 2019 18:14

Instrument :

MSVOA_Y

ClientSampleId :

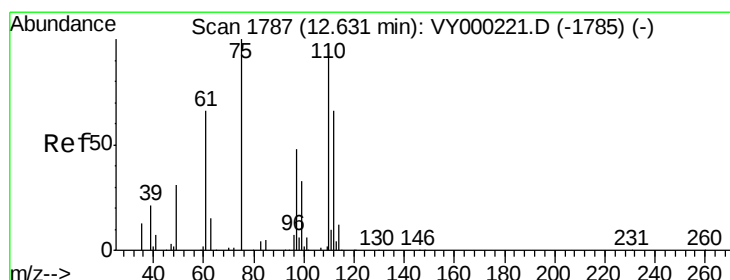
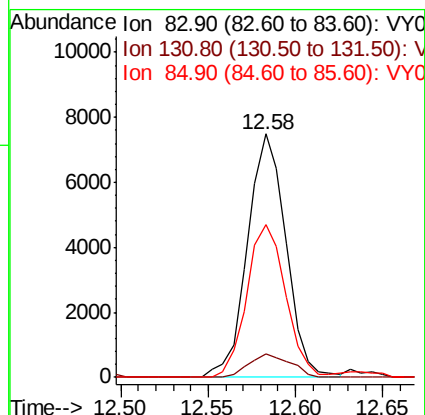
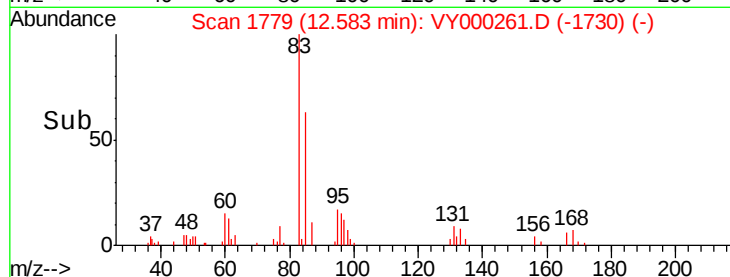
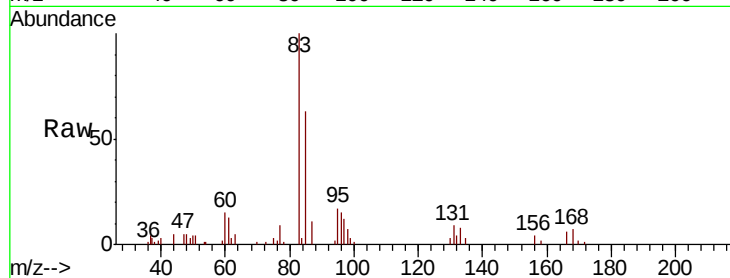
Tot Ion: 83 Resp: 11447

Ion Ratio Lower Upper

83 100

131 10.4 4.8 14.3

85 63.4 32.5 97.5



#76

1,2,3-Trichloropropane

Concen: 3.950 ug/l

RT: 12.64 min Scan# 1788

Delta R.T. 0.01 min

Lab File: VY000261.D

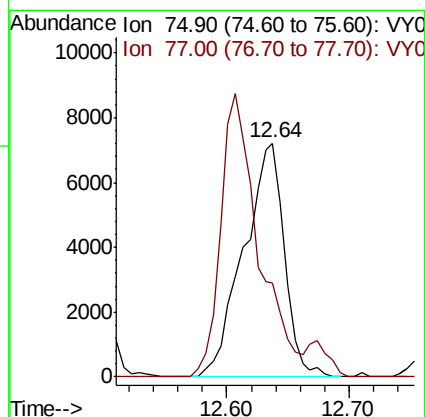
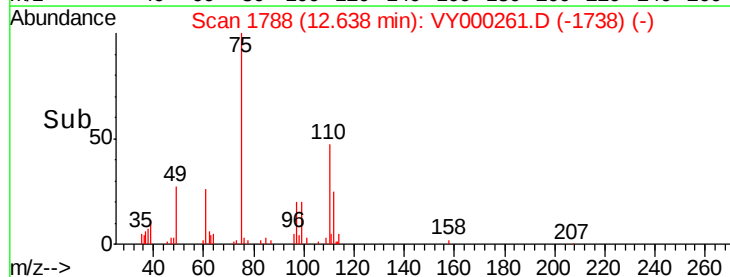
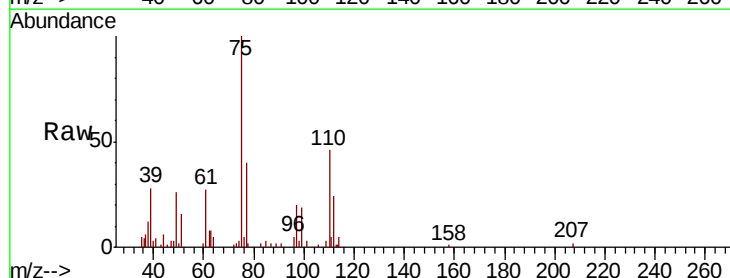
Acq: 10 Oct 2019 18:14

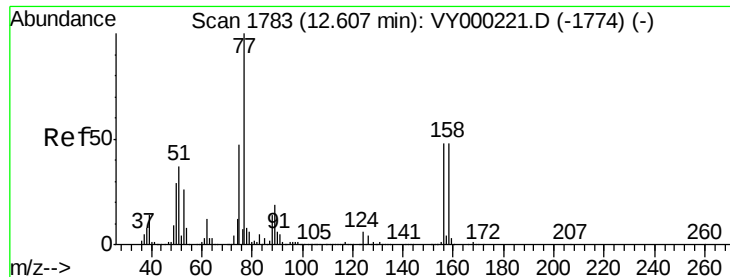
Tgt Ion: 75 Resp: 16687

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 2.559 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY000261.D

Acq: 10 Oct 2019 18:14

Instrument :

MSVOA_Y

ClientSampleId :

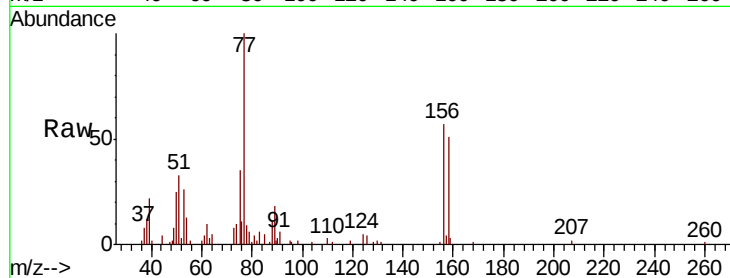
Tot Ion:156 Resp: 8137

Ion Ratio Lower Upper

156 100

77 230.8 118.1 354.3

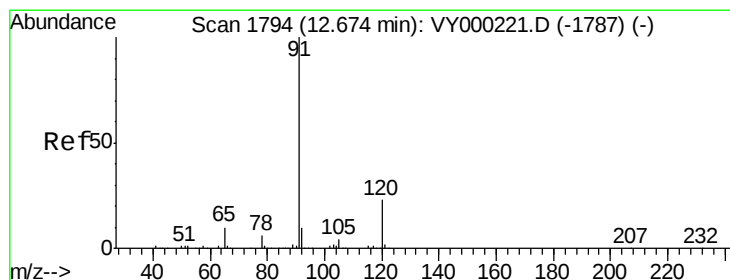
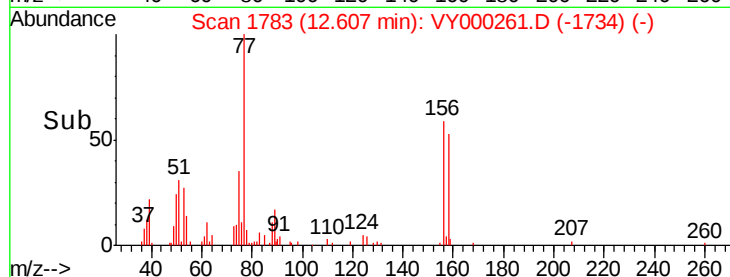
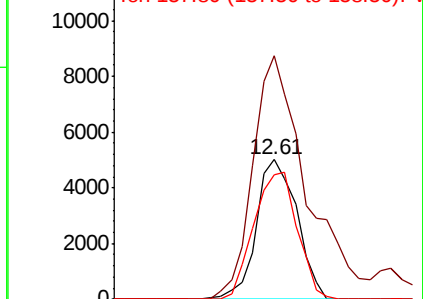
158 97.0 47.8 143.3



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: 2.149 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. -0.01 min

Lab File: VY000261.D

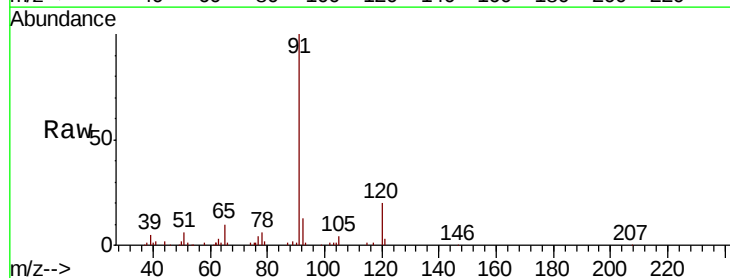
Acq: 10 Oct 2019 18:14

Tgt Ion: 91 Resp: 34038

Ion Ratio Lower Upper

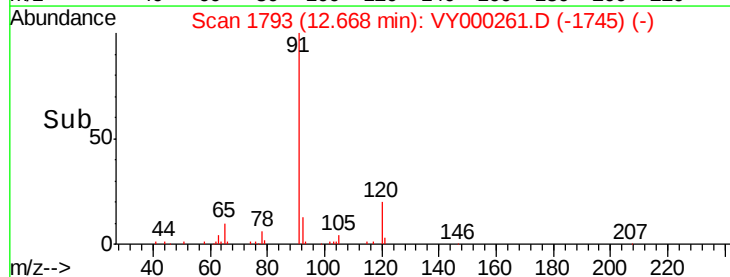
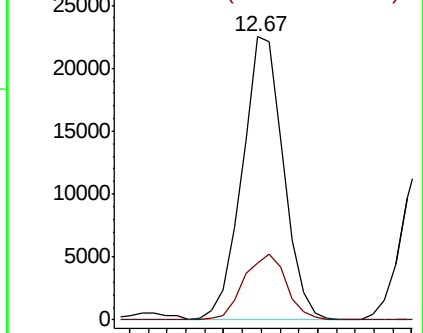
91 100

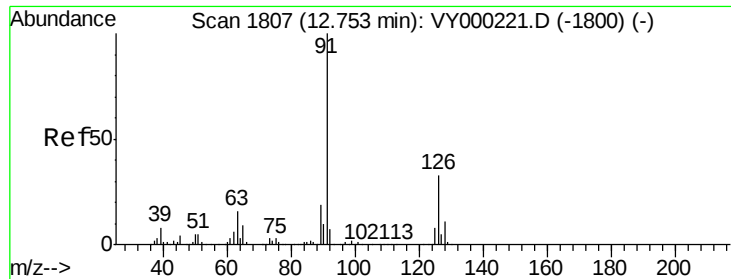
120 23.8 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 2.335 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VY000261.D

Acq: 10 Oct 2019 18:14

Instrument :

MSVOA_Y

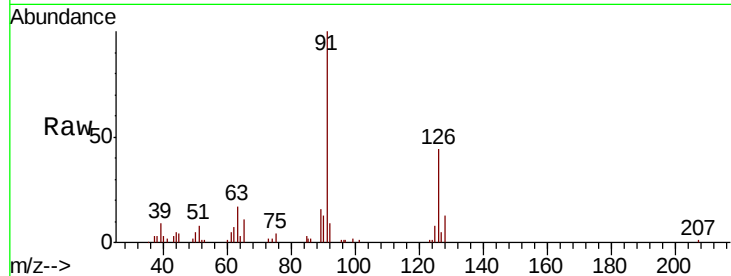
ClientSampleId :

Tot Ion: 91 Resp: 21293

Ion Ratio Lower Upper

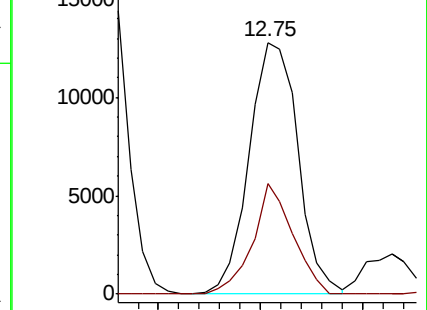
91 100

126 36.1 17.2 51.6

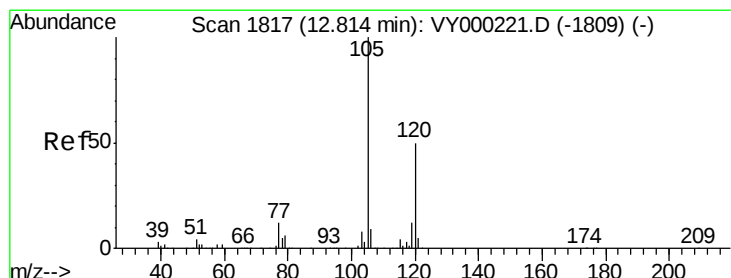
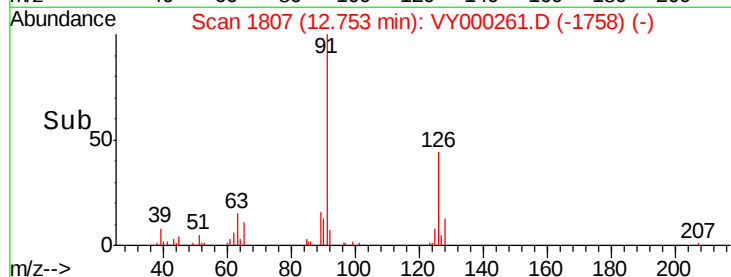


Abundance Ion 91.00 (90.70 to 91.70): VY000221.D (-1800) (-)

Ion 125.90 (125.60 to 126.60): VY000221.D (-1800) (-)



Time-->



#80

1,3,5-Trimethylbenzene

Concen: 2.235 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. 0.00 min

Lab File: VY000261.D

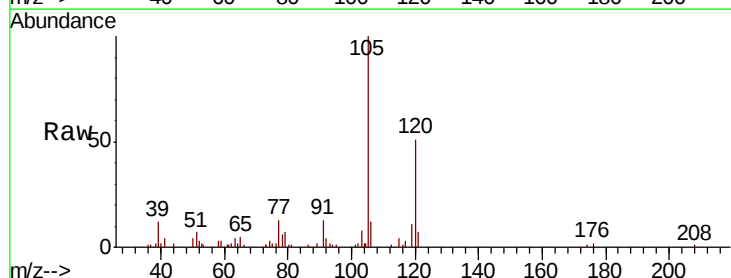
Acq: 10 Oct 2019 18:14

Tgt Ion: 105 Resp: 25289

Ion Ratio Lower Upper

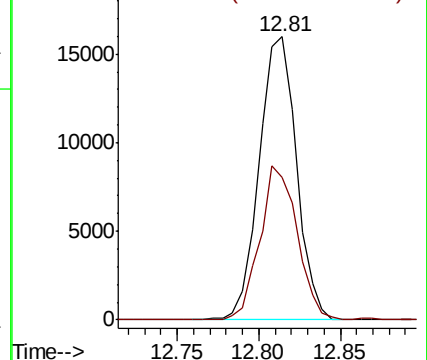
105 100

120 54.3 24.8 74.4

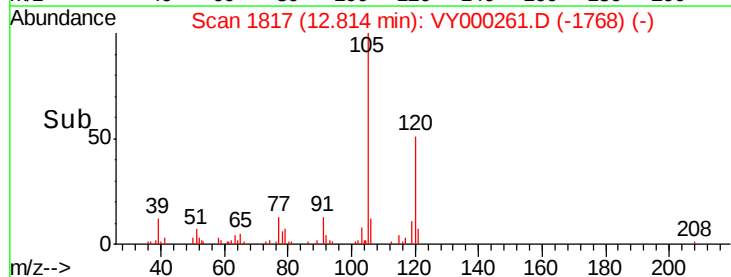


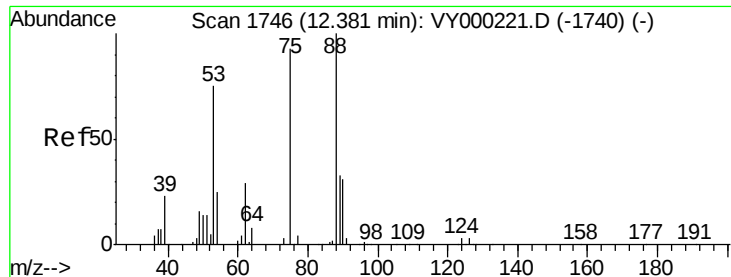
Abundance Ion 105.00 (104.70 to 105.70): VY000221.D (-1809) (-)

Ion 120.00 (119.70 to 120.70): VY000221.D (-1809) (-)



Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 2.639 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. 0.00 min

Lab File: VY000261.D

Acq: 10 Oct 2019 18:14

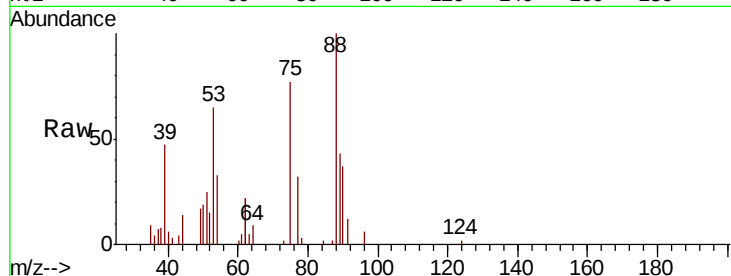
Instrument :

MSVOA_Y

ClientSampleId :

Tot Ion: 75 Resp: 4020

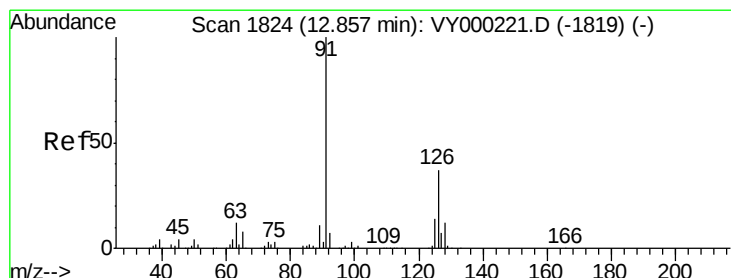
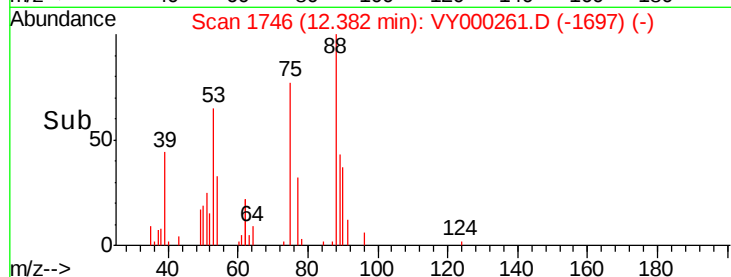
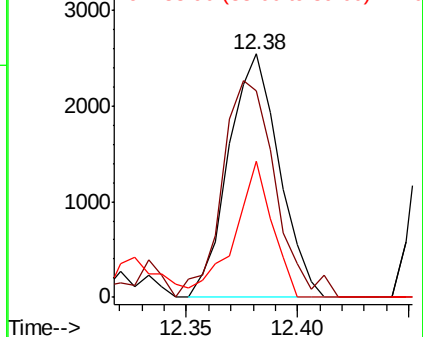
Ion	Ratio	Lower	Upper
75	100		
53	93.2	66.5	99.7
89	41.8	46.9	70.3#



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: 2.305 ug/l

RT: 12.86 min Scan# 1824

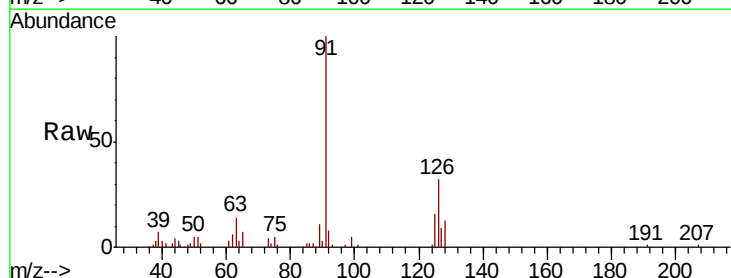
Delta R.T. 0.00 min

Lab File: VY000261.D

Acq: 10 Oct 2019 18:14

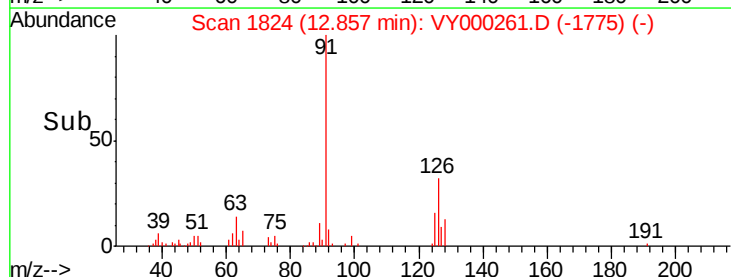
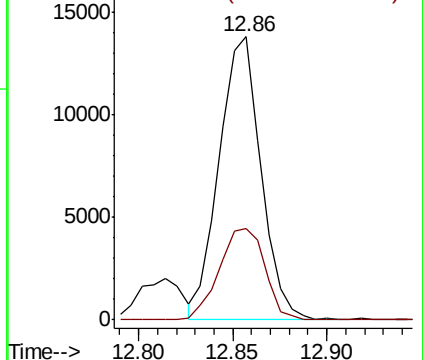
Tgt Ion: 91 Resp: 21291

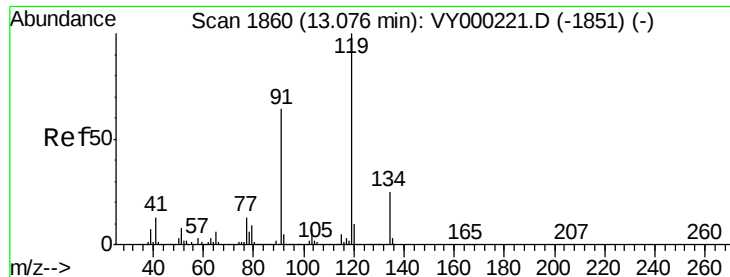
Ion	Ratio	Lower	Upper
91	100		
126	35.2	17.3	52.0



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V

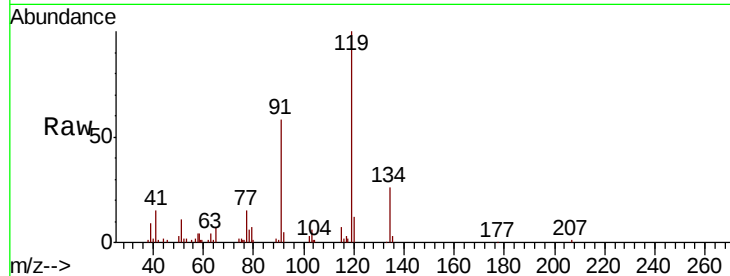




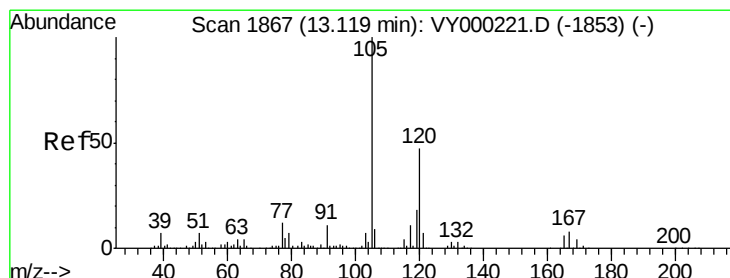
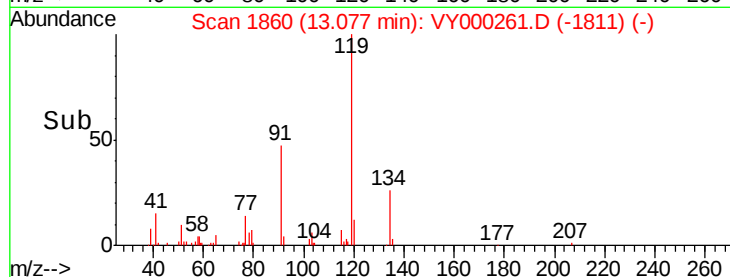
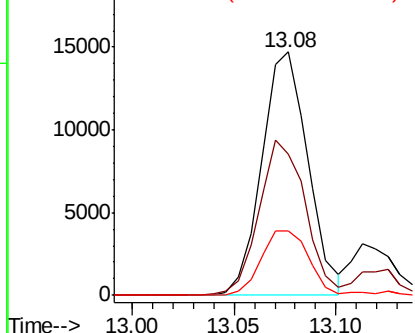
#83
tert-Butylbenzene
Concen: 2.363 ug/l
RT: 13.08 min Scan# 1860
Delta R.T. 0.00 min
Lab File: VY000261.D
Acq: 10 Oct 2019 18:14

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:119 Resp: 23242
Ion Ratio Lower Upper
119 100
91 64.0 32.4 97.2
134 28.5 13.2 39.6

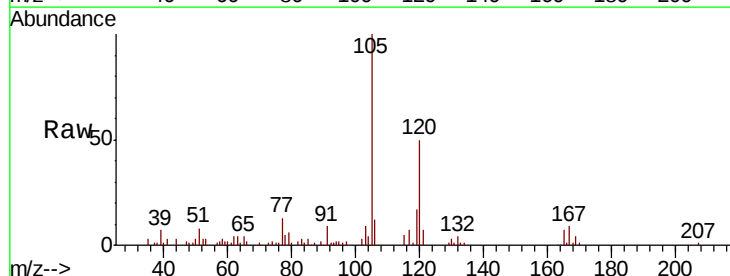


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VY0
Ion 134.00 (133.70 to 134.70): V

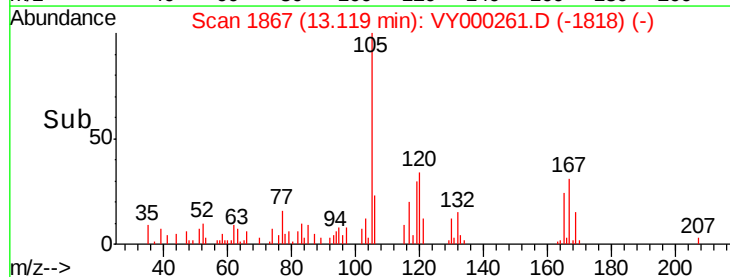
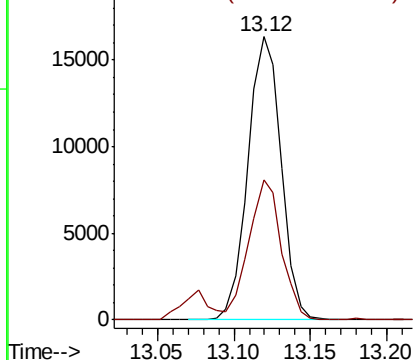


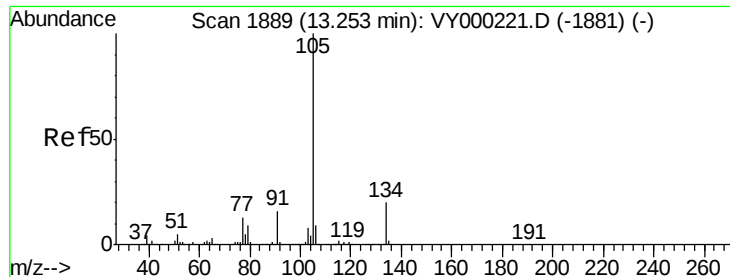
#84
1,2,4-Trimethylbenzene
Concen: 2.181 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VY000261.D
Acq: 10 Oct 2019 18:14

Tgt Ion:105 Resp: 24658
Ion Ratio Lower Upper
105 100
120 48.7 22.8 68.3



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





#85

sec-Butylbenzene

Concen: 2.186 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VY000261.D

Acq: 10 Oct 2019 18:14

Instrument :

MSVOA_Y

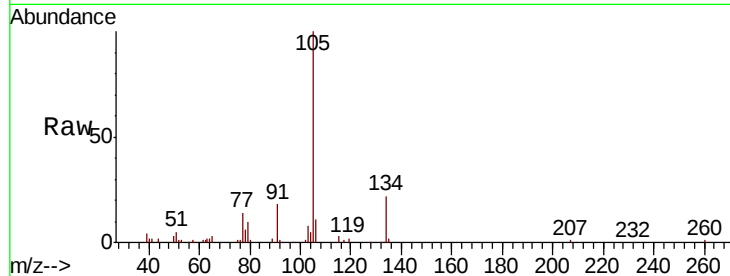
ClientSampleId :

Tot Ion:105 Resp: 29637

Ion Ratio Lower Upper

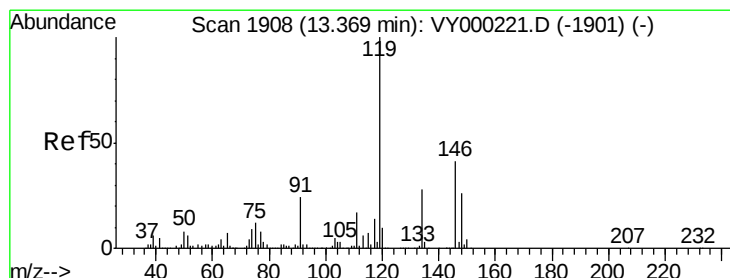
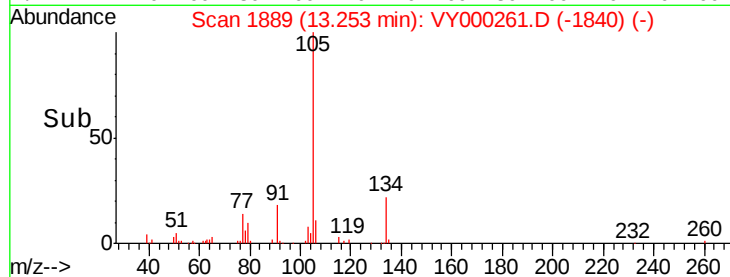
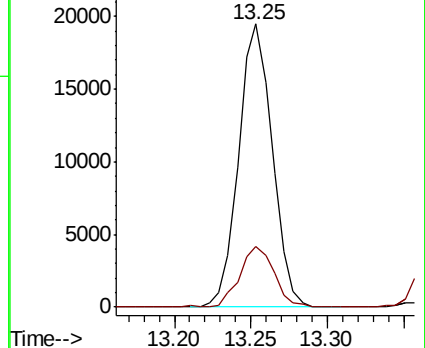
105 100

134 21.8 10.2 30.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 2.173 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY000261.D

Acq: 10 Oct 2019 18:14

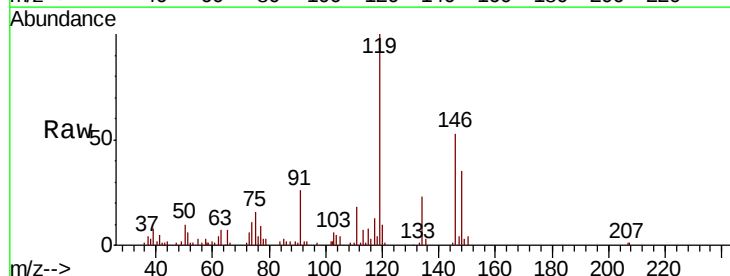
Tgt Ion:119 Resp: 25898

Ion Ratio Lower Upper

119 100

134 27.8 13.3 39.9

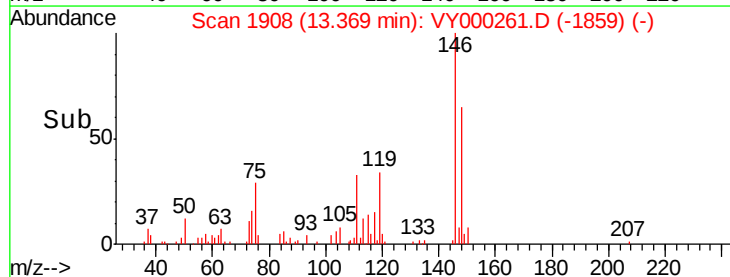
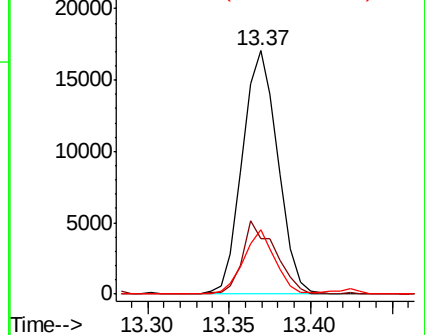
91 23.6 11.7 35.1

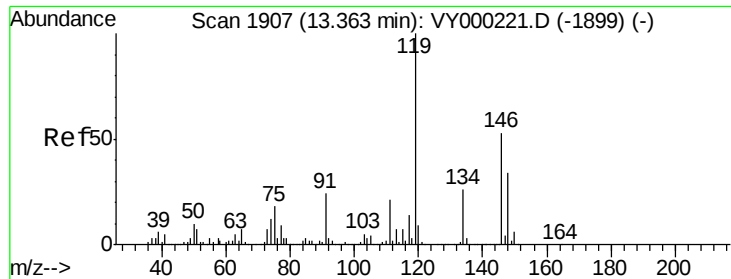


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

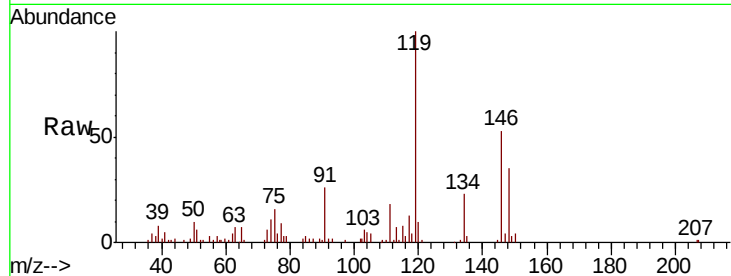




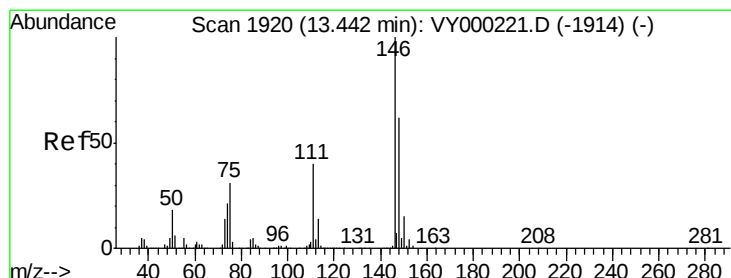
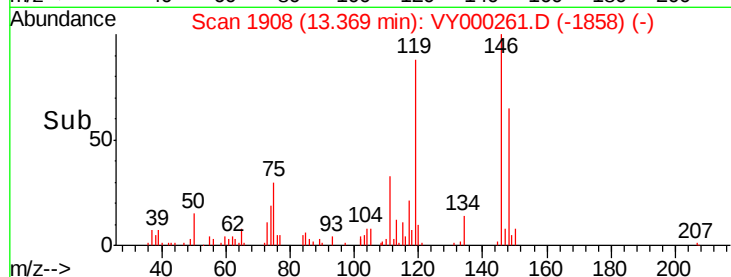
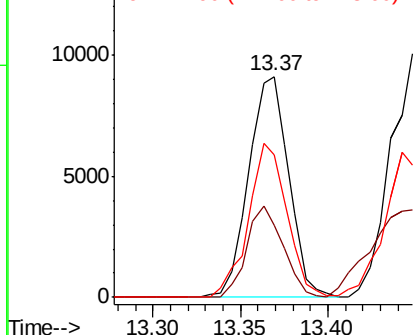
#87
 1,3-Dichlorobenzene
 Concen: 2.532 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. 0.01 min
 Lab File: VY000261.D
 Acq: 10 Oct 2019 18:14

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion:146 Resp: 14594
 Ion Ratio Lower Upper
 146 100
 111 37.6 20.3 60.8
 148 67.2 31.7 95.1

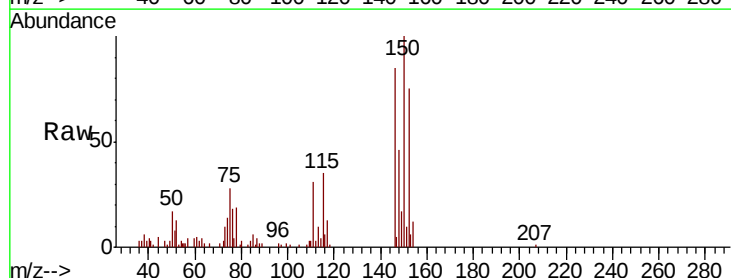


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

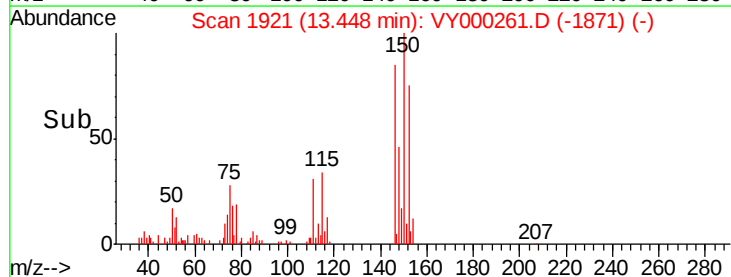
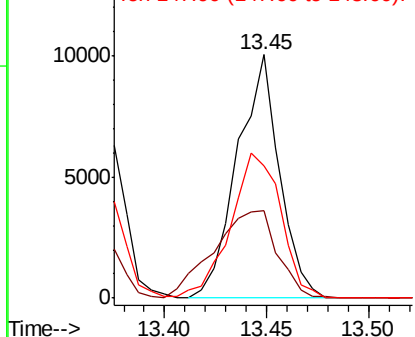


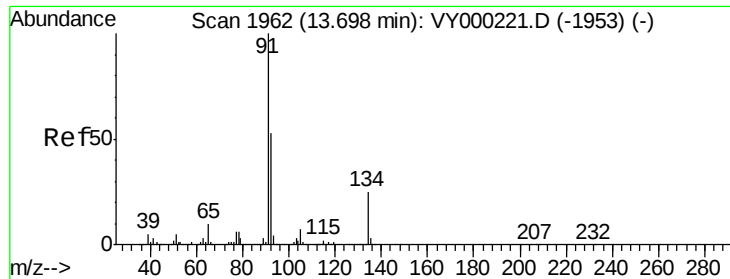
#88
 1,4-Dichlorobenzene
 Concen: 2.407 ug/l
 RT: 13.45 min Scan# 1921
 Delta R.T. 0.01 min
 Lab File: VY000261.D
 Acq: 10 Oct 2019 18:14

Tgt Ion:146 Resp: 14448
 Ion Ratio Lower Upper
 146 100
 111 54.0 19.8 59.3
 148 71.0 31.6 94.8



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

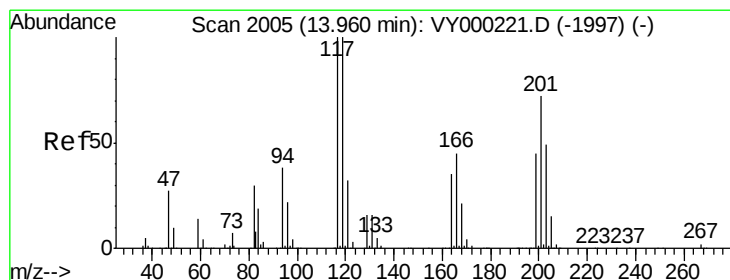
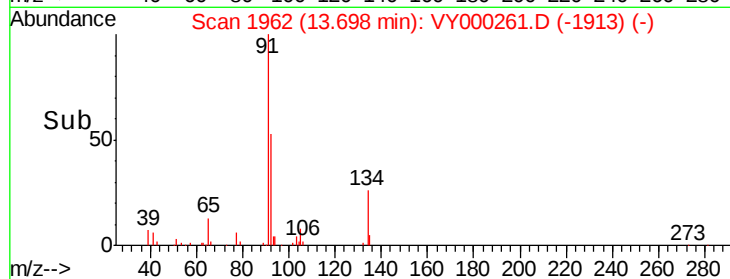
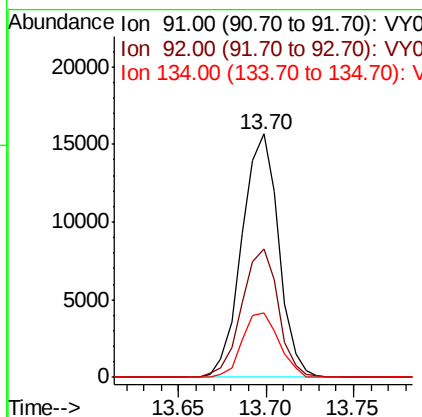
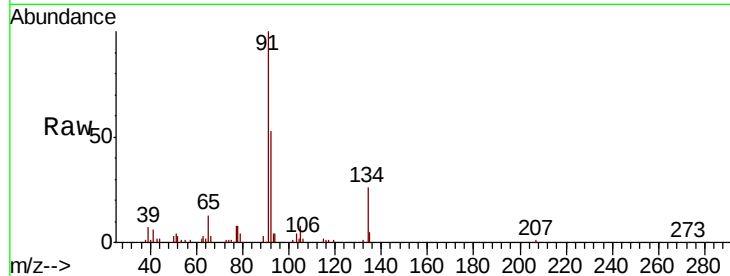




#89
n-Butylbenzene
Concen: 2.037 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. 0.00 min
Lab File: VY000261.D
Acq: 10 Oct 2019 18:14

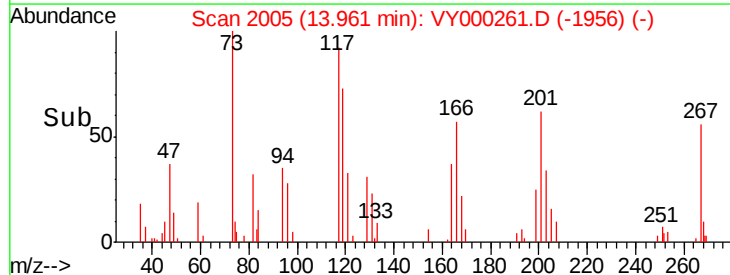
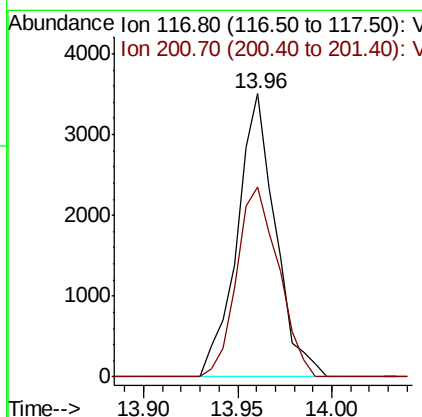
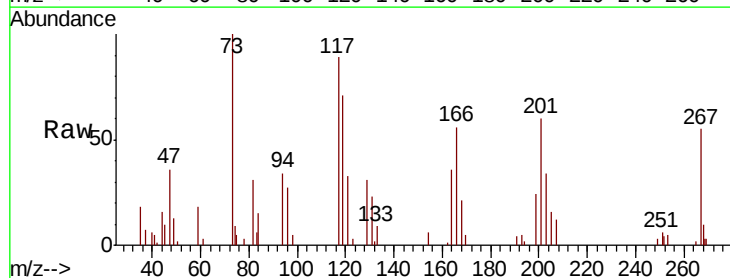
Instrument :
MSVOA_Y
ClientSampleId :

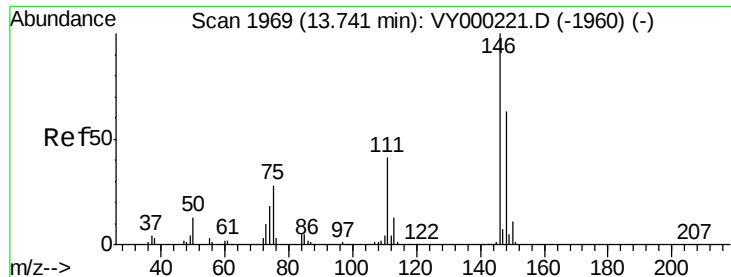
Tot Ion: 91 Resp: 22886
Ion Ratio Lower Upper
91 100
92 52.5 27.0 80.8
134 26.3 12.8 38.4



#90
Hexachloroethane
Concen: 2.193 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. 0.00 min
Lab File: VY000261.D
Acq: 10 Oct 2019 18:14

Tgt Ion: 117 Resp: 4944
Ion Ratio Lower Upper
117 100
201 73.0 35.5 106.5





#91

1,2-Dichlorobenzene

Concen: 2.474 ug/l

RT: 13.74 min Scan# 1969

Delta R.T. 0.00 min

Lab File: VY000261.D

Acq: 10 Oct 2019 18:14

Instrument :

MSVOA_Y

ClientSampleId :

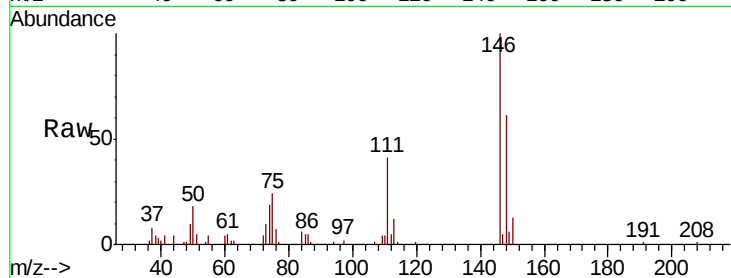
Tot Ion:146 Resp: 14431

Ion Ratio Lower Upper

146 100

111 39.4 20.9 62.8

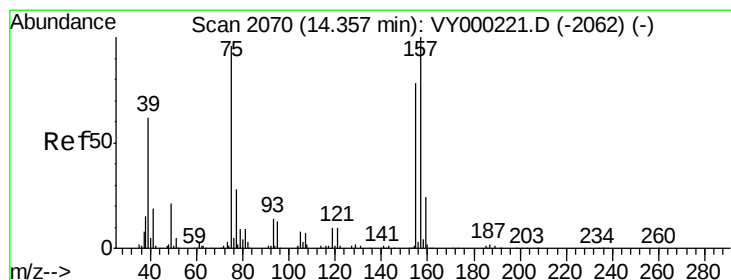
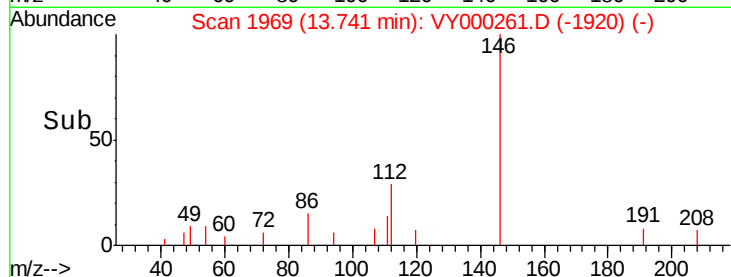
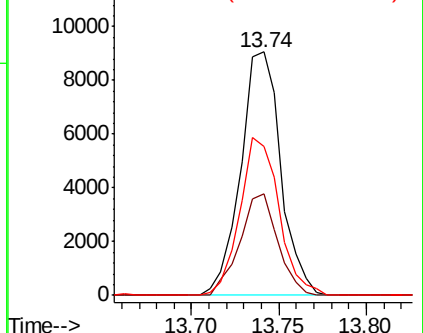
148 63.2 31.6 95.0



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: 2.124 ug/l

RT: 14.36 min Scan# 2070

Delta R.T. 0.00 min

Lab File: VY000261.D

Acq: 10 Oct 2019 18:14

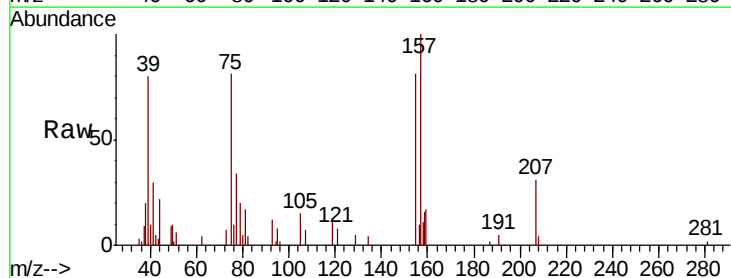
Tgt Ion: 75 Resp: 3444

Ion Ratio Lower Upper

75 100

155 88.4 42.4 127.3

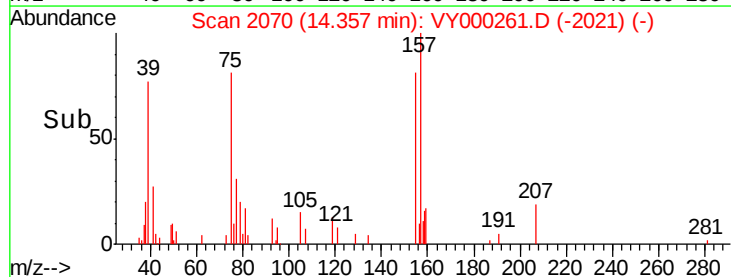
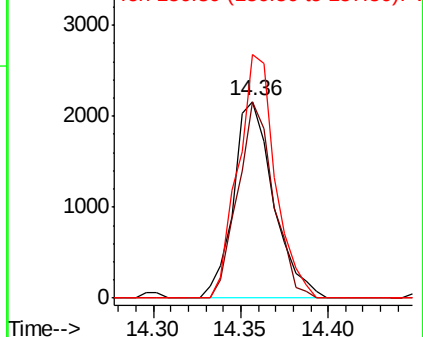
157 114.7 53.8 161.5

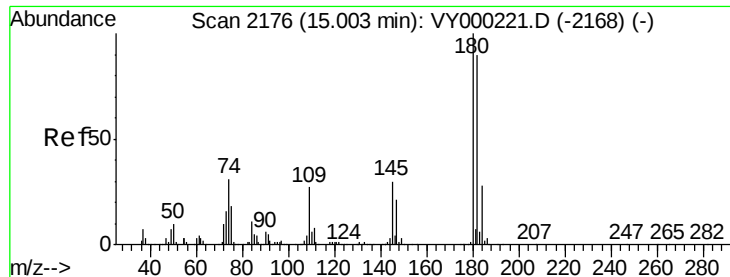


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

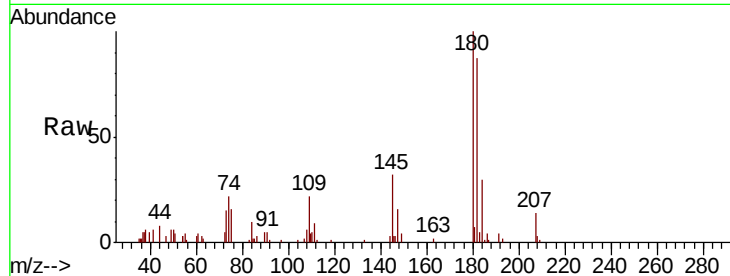




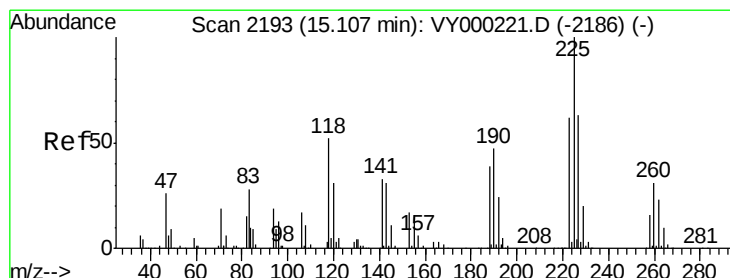
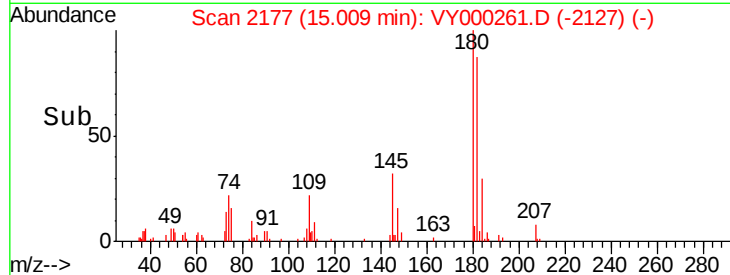
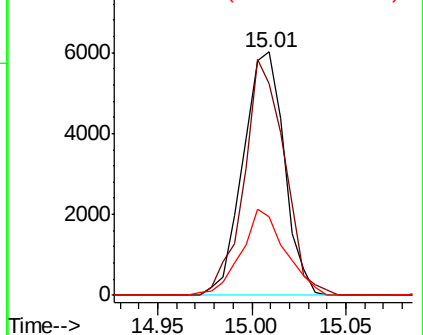
#93
 1,2,4-Trichlorobenzene
 Concen: 2.299 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.01 min
 Lab File: VY000261.D
 Acq: 10 Oct 2019 18:14

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion:180 Resp: 9105
 Ion Ratio Lower Upper
 180 100
 182 95.4 47.2 141.6
 145 37.8 15.3 45.8

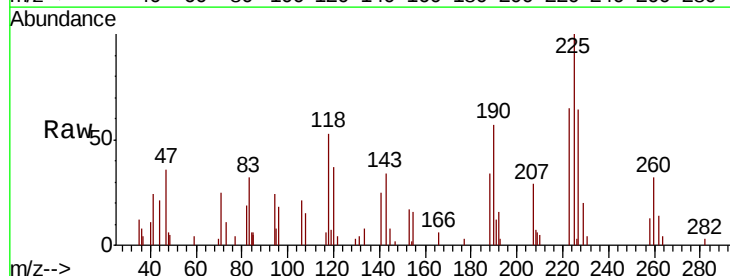


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

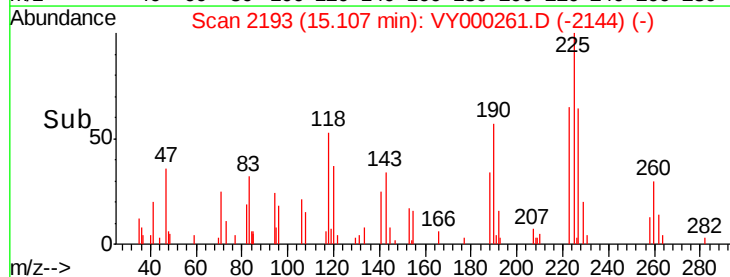
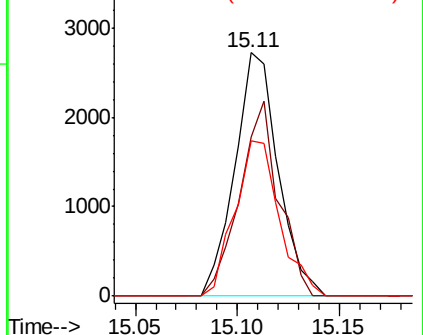


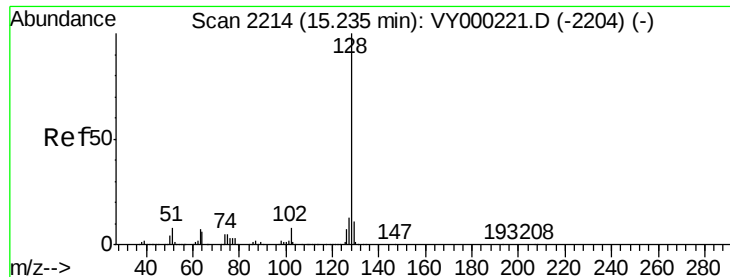
#94
 Hexachlorobutadiene
 Concen: 2.125 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. 0.00 min
 Lab File: VY000261.D
 Acq: 10 Oct 2019 18:14

Tgt Ion:225 Resp: 4022
 Ion Ratio Lower Upper
 225 100
 223 72.4 31.9 95.5
 227 65.5 31.5 94.5



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

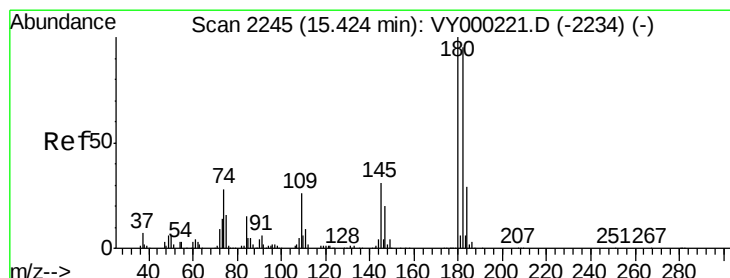
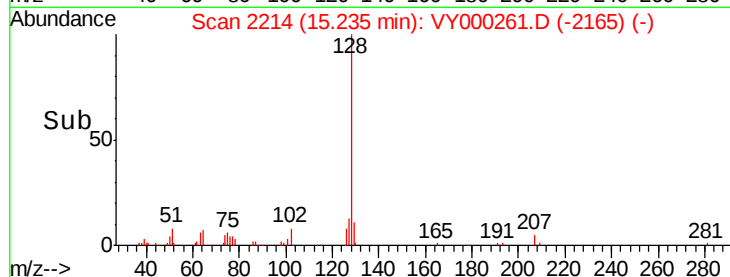
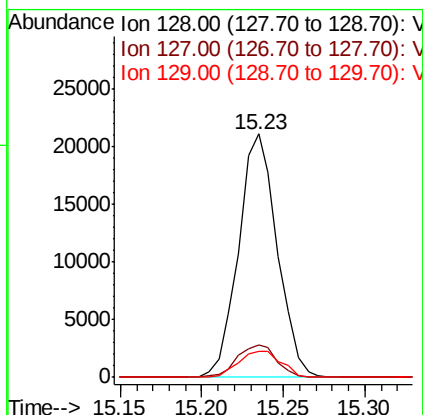
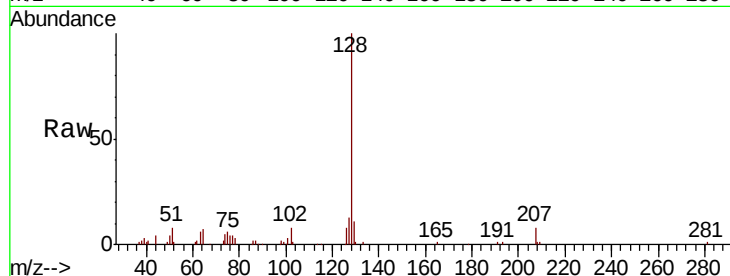




#95
Naphthalene
Concen: 2.329 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VY000261.D
Acq: 10 Oct 2019 18:14

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:128 Resp: 34705
Ion Ratio Lower Upper
128 100
127 13.5 10.2 15.2
129 11.9 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 2.475 ug/l
RT: 15.42 min Scan# 2244
Delta R.T. -0.01 min
Lab File: VY000261.D
Acq: 10 Oct 2019 18:14

Tgt Ion:180 Resp: 9428
Ion Ratio Lower Upper
180 100
182 94.5 47.9 143.7
145 33.6 16.3 48.9

