

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY102419\
 Data File : VY000404.D
 Acq On : 24 Oct 2019 13:09
 Operator : SY/MD
 Sample : VY1024SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 25 06:37:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 17 02:03:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	219683	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	361738	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	323028	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	163283	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	130084	56.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.28%	
35) Dibromofluoromethane	7.73	113	117342	53.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.56%	
50) Toluene-d8	10.18	98	467458	55.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.38%	
62) 4-Bromofluorobenzene	12.48	95	165586	51.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.86%	

Target Compounds

	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.90	85	42510	22.062	ug/l	97
3) Chloromethane	2.12	50	65136	24.264	ug/l	98
4) Vinyl Chloride	2.26	62	55199	20.375	ug/l	96
5) Bromomethane	2.64	94	34871	17.367	ug/l	98
6) Chloroethane	2.79	64	34919	19.976	ug/l	93
7) Trichlorofluoromethane	3.13	101	77858	21.009	ug/l	99
8) Diethyl Ether	3.53	74	31282	23.894	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.90	101	48051	21.380	ug/l	98
10) Methyl Iodide	4.09	142	47481	15.666	ug/l	98
11) Tert butyl alcohol	4.97	59	23732	97.860	ug/l	98
12) 1,1-Dichloroethene	3.88	96	46487	20.952	ug/l #	95
13) Acrolein	3.74	56	20139	70.833	ug/l	99
14) Allyl chloride	4.49	41	75197	20.452	ug/l	99
15) Acrylonitrile	5.18	53	74717	101.965	ug/l	95
16) Acetone	3.96	43	72550	96.676	ug/l	98
17) Carbon Disulfide	4.19	76	136345	19.518	ug/l	99
18) Methyl Acetate	4.49	43	41531	22.274	ug/l	93
19) Methyl tert-butyl Ether	5.23	73	132697	21.484	ug/l	100
20) Methylene Chloride	4.72	84	75276	27.303	ug/l	93
21) trans-1,2-Dichloroethene	5.23	96	53254	20.920	ug/l	97
22) Diisopropyl ether	6.13	45	167443	21.532	ug/l	95
23) Vinyl Acetate	6.07	43	520639	102.622	ug/l	99
24) 1,1-Dichloroethane	6.03	63	89762	21.146	ug/l	98
25) 2-Butanone	7.00	43	105796	100.078	ug/l	100
26) 2,2-Dichloropropane	6.99	77	83343	21.308	ug/l	100
27) cis-1,2-Dichloroethene	7.00	96	62011	22.513	ug/l	96
28) Bromochloromethane	7.35	49	33592	18.435	ug/l	95
29) Tetrahydrofuran	7.35	42	63779	99.551	ug/l	98
30) Chloroform	7.52	83	93711	21.922	ug/l	97
31) Cyclohexane	7.79	56	94914	21.409	ug/l	96
32) 1,1,1-Trichloroethane	7.71	97	84847	22.325	ug/l	97
36) 1,1-Dichloropropene	7.93	75	73170	20.660	ug/l	99
37) Ethyl Acetate	7.09	43	44415	21.180	ug/l	96
38) Carbon Tetrachloride	7.91	117	73527	21.442	ug/l	94

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 Quant Title : SW846 8260
 QLast Update : Thu Oct 17 02:03:07 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	95582	20.620	ug/l	95
40) Benzene	8.17	78	219634	21.459	ug/l	99
41) Methacrylonitrile	7.36	41	59416	59.522	ug/l #	1
42) 1,2-Dichloroethane	8.25	62	64233	21.971	ug/l	100
43) Isopropyl Acetate	8.28	43	82439	20.675	ug/l	100
44) Trichloroethene	8.94	130	61206	21.313	ug/l	100
45) 1,2-Dichloropropane	9.22	63	53963	21.485	ug/l	97
46) Dibromomethane	9.31	93	30246	21.542	ug/l	96
47) Bromodichloromethane	9.50	83	73095	22.090	ug/l	98
48) Methyl methacrylate	9.30	41	35704	20.432	ug/l	100
49) 1,4-Dioxane	9.31	88	8279	393.255	ug/l	99
51) 4-Methyl-2-Pentanone	10.08	43	218407	106.198	ug/l	100
52) Toluene	10.25	92	137131	21.103	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	74171	20.915	ug/l	96
54) cis-1,3-Dichloropropene	9.93	75	84657	21.021	ug/l	99
55) 1,1,2-Trichloroethane	10.65	97	42223	20.682	ug/l	94
56) Ethyl methacrylate	10.51	69	60675	20.852	ug/l	99
57) 1,3-Dichloropropane	10.80	76	77407	22.078	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.79	63	149373	128.698	ug/l	98
59) 2-Hexanone	10.83	43	155623	107.805	ug/l	99
60) Dibromochloromethane	10.99	129	50431	22.288	ug/l	97
61) 1,2-Dibromoethane	11.09	107	41989	21.421	ug/l	98
64) Tetrachloroethene	10.72	164	62322	20.266	ug/l	97
65) Chlorobenzene	11.52	112	145083	21.282	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.59	131	52530	21.935	ug/l	99
67) Ethyl Benzene	11.60	91	266300	21.072	ug/l	98
68) m/p-Xylenes	11.70	106	207205	42.889	ug/l	98
69) o-Xylene	12.03	106	96422	20.921	ug/l	99
70) Styrene	12.05	104	165666	21.314	ug/l	99
71) Bromoform	12.20	173	29668	21.551	ug/l #	97
73) Isopropylbenzene	12.33	105	258520	20.305	ug/l	99
74) N-amyl acetate	12.14	43	71671	22.930	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	51498	21.543	ug/l	96
76) 1,2,3-Trichloropropane	12.63	75	70582	35.154	ug/l #	100
77) Bromobenzene	12.61	156	59753	21.091	ug/l	95
78) n-propylbenzene	12.67	91	312205	20.424	ug/l	100
79) 2-Chlorotoluene	12.75	91	171135	20.272	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	217400	20.364	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.38	75	17708	19.297	ug/l	96
82) 4-Chlorotoluene	12.86	91	182756	20.480	ug/l	99
83) tert-Butylbenzene	13.08	119	187251	20.712	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	214312	20.340	ug/l	97
85) sec-Butylbenzene	13.25	105	267882	20.482	ug/l	99
86) p-Isopropyltoluene	13.37	119	237996	20.873	ug/l	99
87) 1,3-Dichlorobenzene	13.37	146	116859	20.935	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	119122	21.351	ug/l	97
89) n-Butylbenzene	13.70	91	233425	20.716	ug/l	99
90) Hexachloroethane	13.96	117	43687	20.691	ug/l	100
91) 1,2-Dichlorobenzene	13.74	146	109697	21.715	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	8527	18.808	ug/l	95

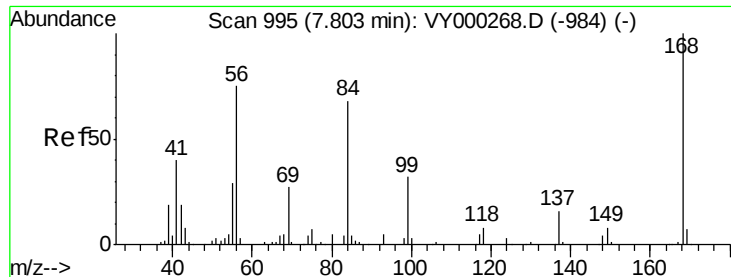
Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY102419\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	75533	21.476	ug/l	99
94) Hexachlorobutadiene	15.11	225	39442	20.722	ug/l	99
95) Naphthalene	15.23	128	164733	20.988	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	68467	21.600	ug/l	98

(#) = 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: VY000404.D

Acq: 24 Oct 2019 13:09

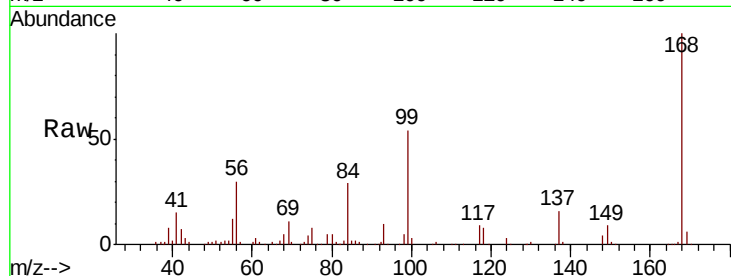
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:168 Resp: 219683

Ion Ratio Lower Upper

168 100

99 54.0 46.6 69.8

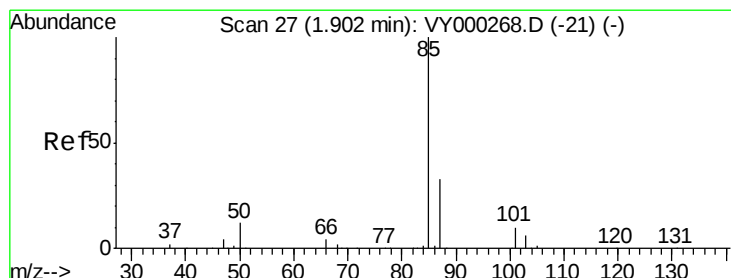
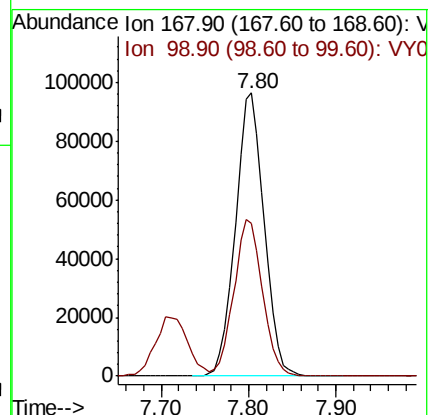
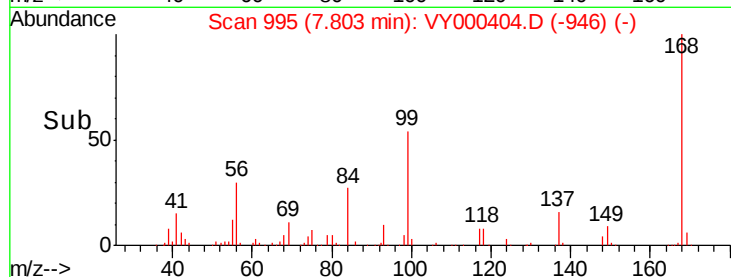


Abundance Ion 167.90 (167.60 to 168.60): VY000404.D (-946) (-)

Ion 98.90 (98.60 to 99.60): VY000404.D (-946) (-)

7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 22.062 ug/l

RT: 1.90 min Scan# 27

Delta R.T. 0.00 min

Lab File: VY000404.D

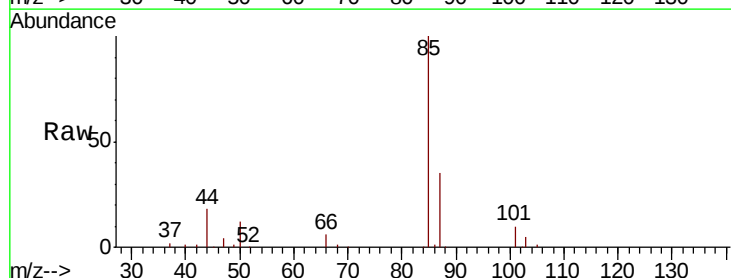
Acq: 24 Oct 2019 13:09

Tgt Ion: 85 Resp: 42510

Ion Ratio Lower Upper

85 100

87 34.7 16.6 49.8

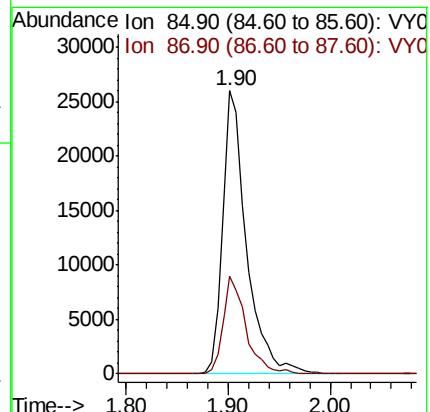
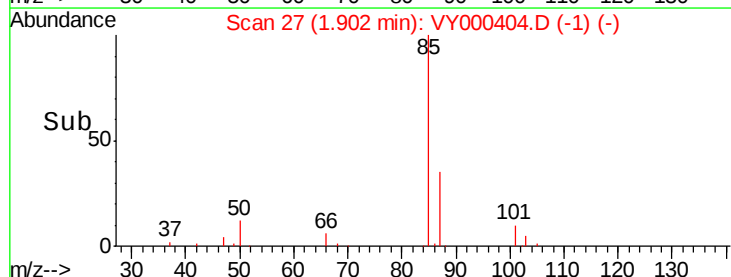


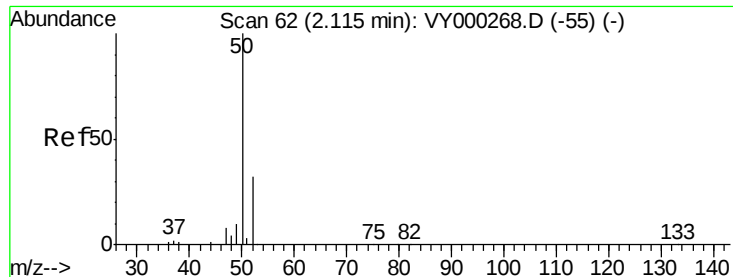
Abundance Ion 84.90 (84.60 to 85.60): VY000404.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY000404.D (-1) (-)

1.90

Time-->





#3

Chloromethane

Concen: 24.264 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY000404.D

Acq: 24 Oct 2019 13:09

Instrument :

MSVOA_Y

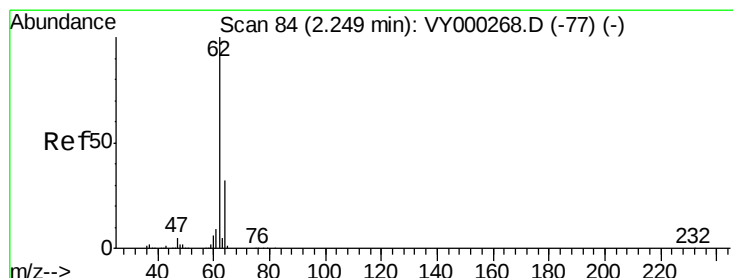
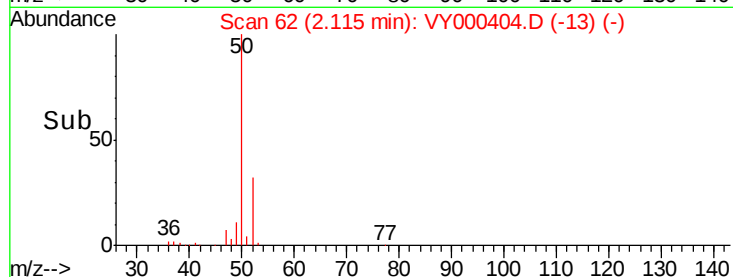
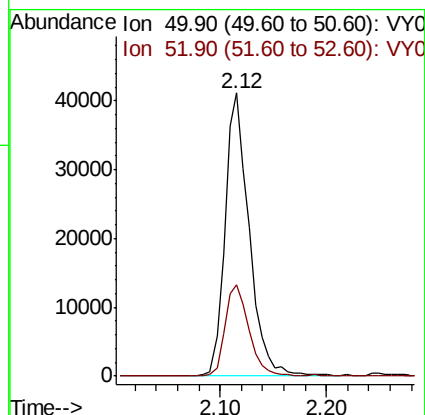
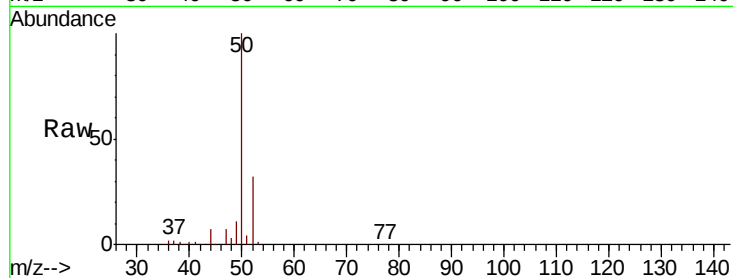
ClientSampleId :

Tot Ion: 50 Resp: 65136

Ion Ratio Lower Upper

50 100

52 32.5 25.3 37.9



#4

Vinyl Chloride

Concen: 20.375 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.01 min

Lab File: VY000404.D

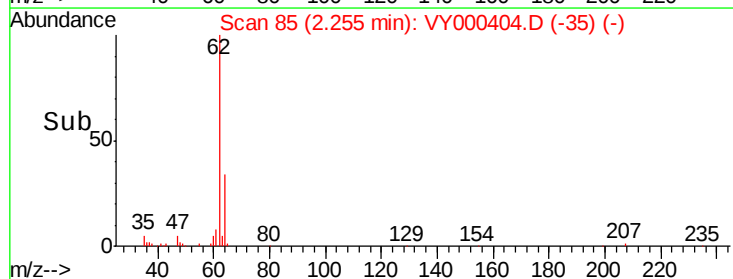
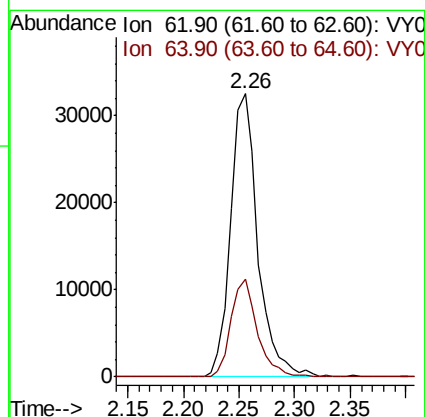
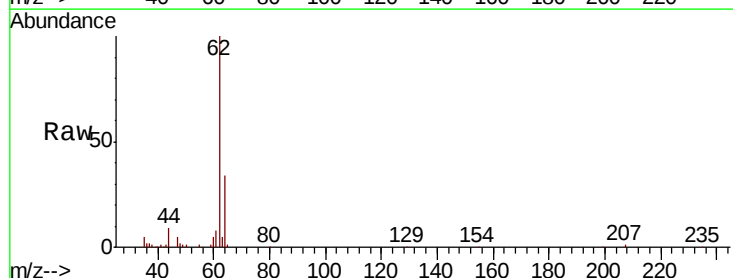
Acq: 24 Oct 2019 13:09

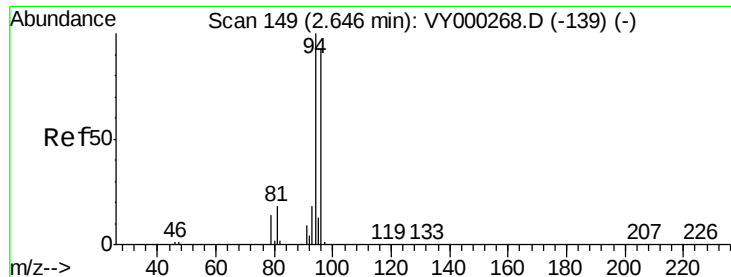
Tgt Ion: 62 Resp: 55199

Ion Ratio Lower Upper

62 100

64 34.5 25.6 38.4





#5

Bromomethane

Concen: 17.367 ug/l

RT: 2.64 min Scan# 148

Delta R.T. -0.01 min

Lab File: VY000404.D

Acq: 24 Oct 2019 13:09

Instrument :

MSVOA_Y

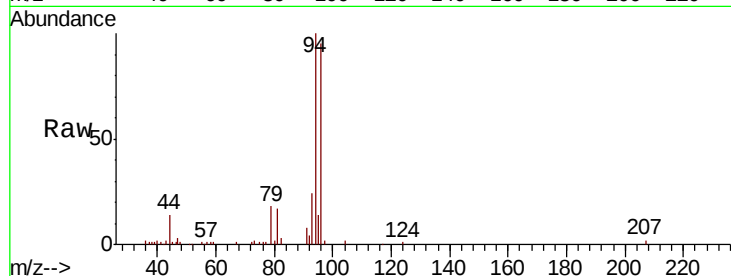
ClientSampled :

Tot Ion: 94 Resp: 34871

Ion Ratio Lower Upper

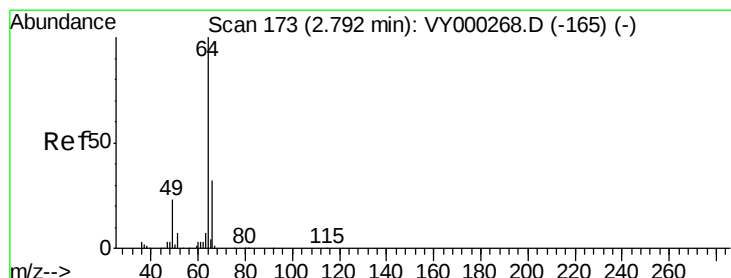
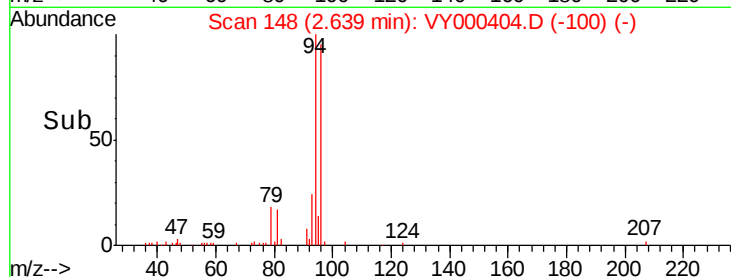
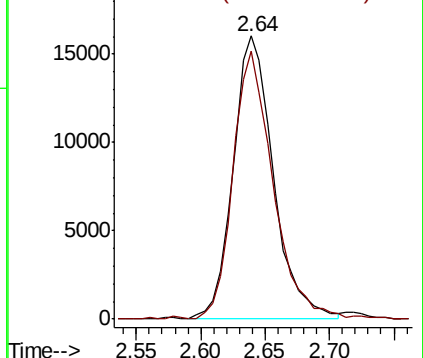
94 100

96 94.9 74.2 111.2



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 19.976 ug/l

RT: 2.79 min Scan# 172

Delta R.T. -0.01 min

Lab File: VY000404.D

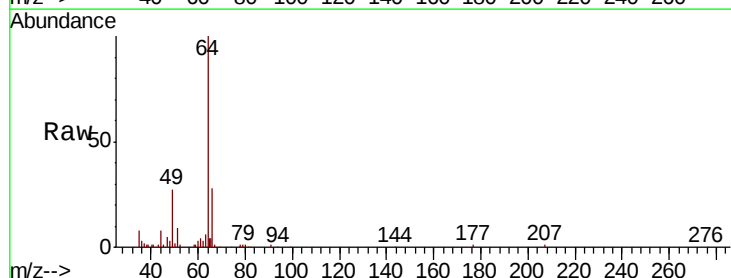
Acq: 24 Oct 2019 13:09

Tgt Ion: 64 Resp: 34919

Ion Ratio Lower Upper

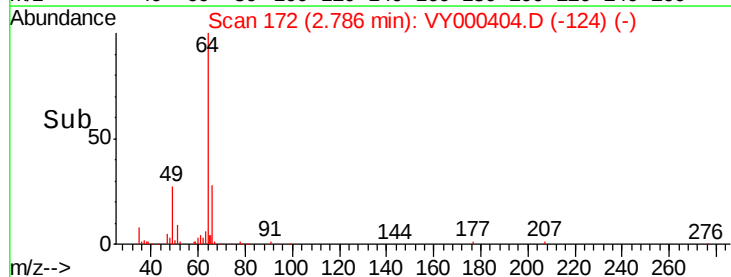
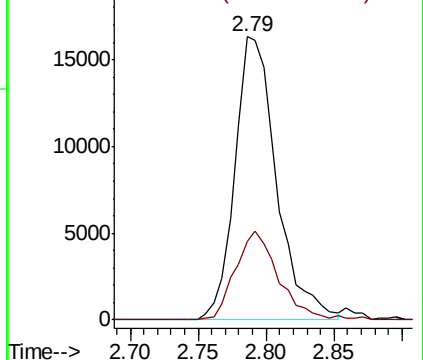
64 100

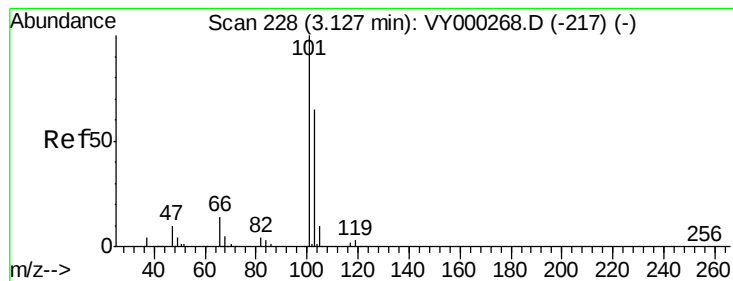
66 27.9 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



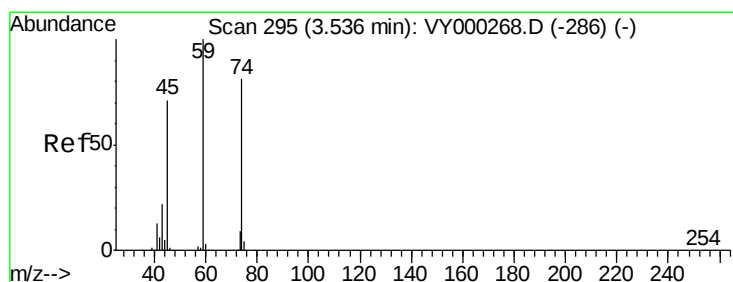
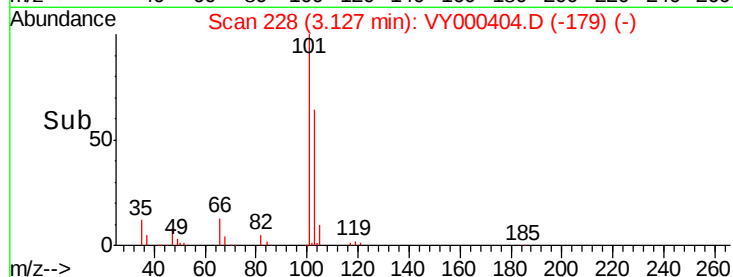
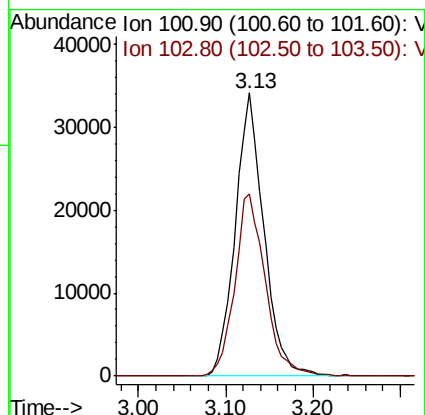
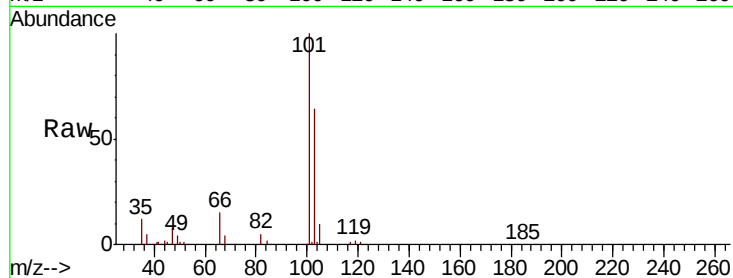


#7

Trichlorofluoromethane
Concen: 21.009 ug/l
RT: 3.13 min Scan# 228
Delta R.T. -0.00 min
Lab File: VY000404.D
Acq: 24 Oct 2019 13:09

Instrument :
MSVOA_Y
ClientSampleId :

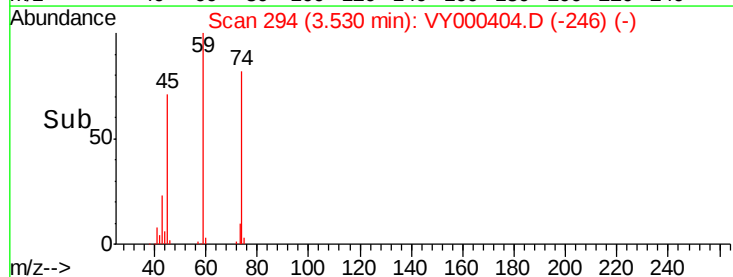
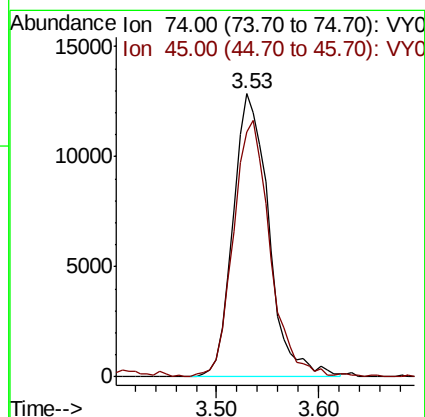
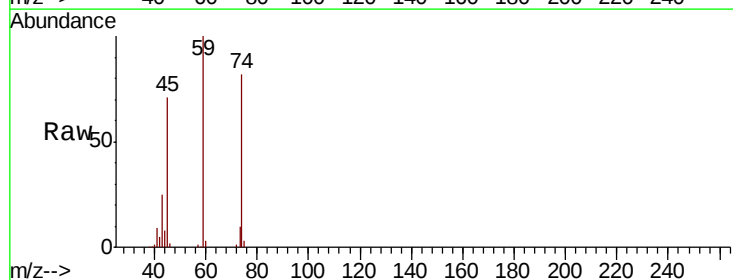
Tot Ion:101 Resp: 77858
Ion Ratio Lower Upper
101 100
103 64.5 52.2 78.4

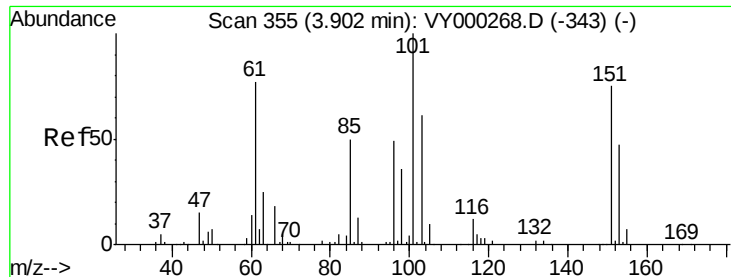


#8

Diethyl Ether
Concen: 23.894 ug/l
RT: 3.53 min Scan# 294
Delta R.T. -0.01 min
Lab File: VY000404.D
Acq: 24 Oct 2019 13:09

Tgt Ion: 74 Resp: 31282
Ion Ratio Lower Upper
74 100
45 92.5 47.1 141.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.380 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.00 min

Lab File: VY000404.D

Acq: 24 Oct 2019 13:09

Instrument :

MSVOA_Y

ClientSampled :

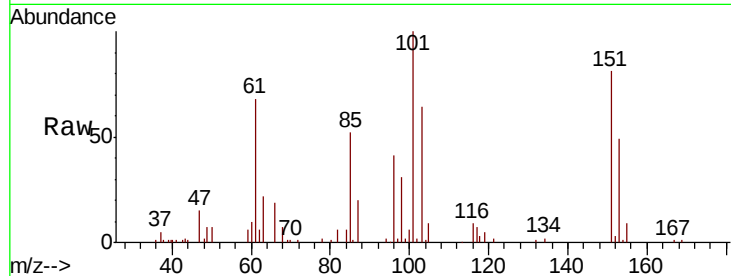
Tot Ion:101 Resp: 48051

Ion Ratio Lower Upper

101 100

85 46.7 36.6 55.0

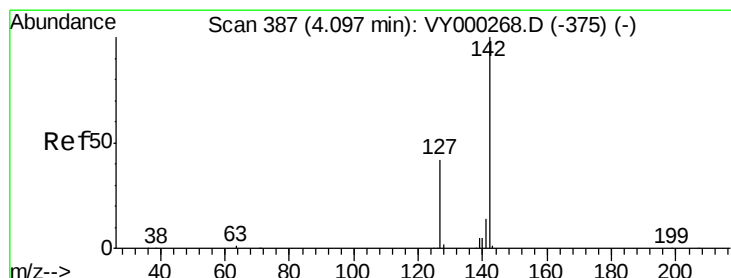
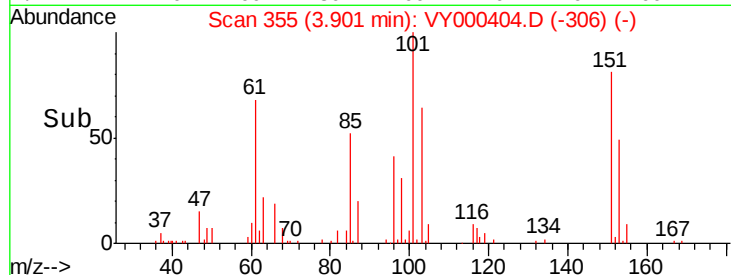
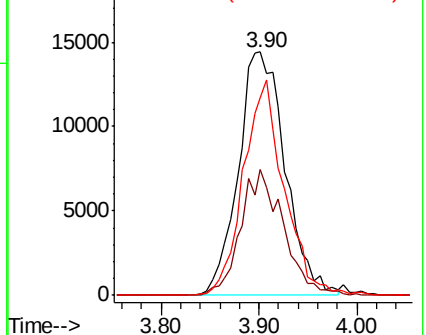
151 76.8 63.1 94.7



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: 15.666 ug/l

RT: 4.09 min Scan# 386

Delta R.T. -0.01 min

Lab File: VY000404.D

Acq: 24 Oct 2019 13:09

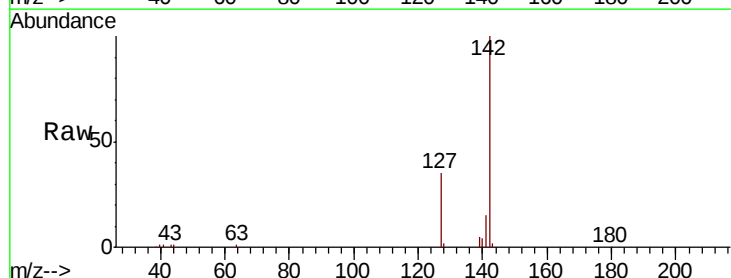
Tgt Ion:142 Resp: 47481

Ion Ratio Lower Upper

142 100

127 41.1 33.9 50.9

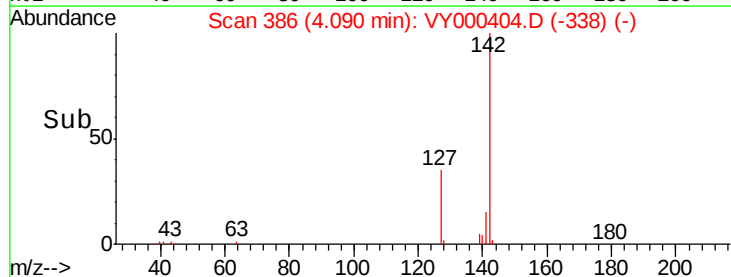
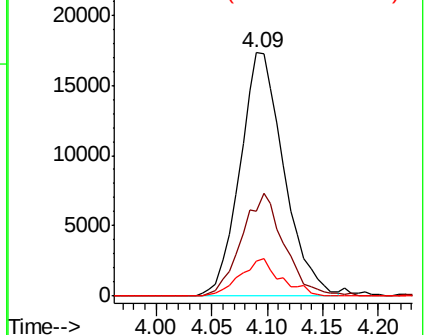
141 14.3 11.2 16.8

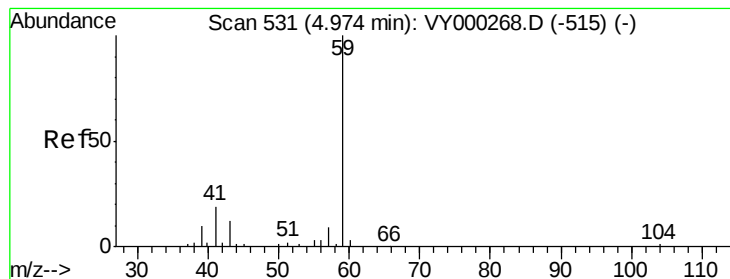


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



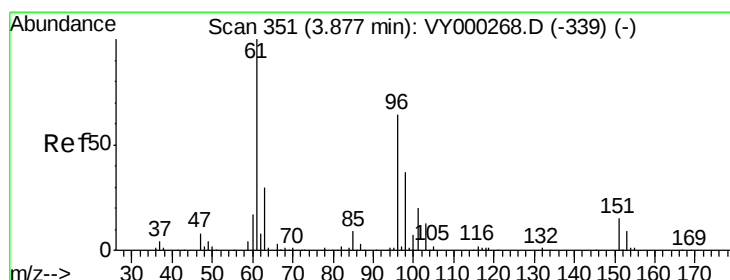
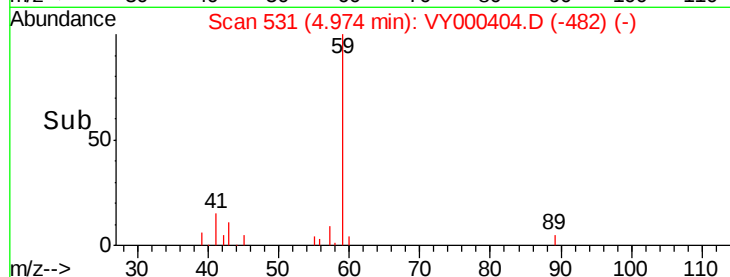
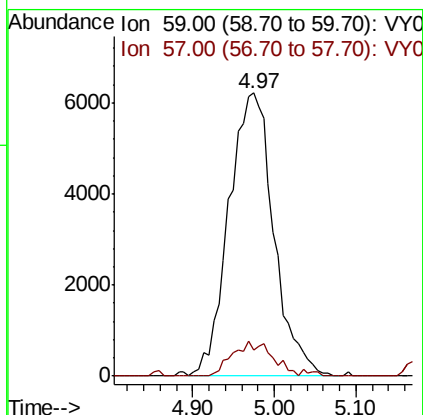
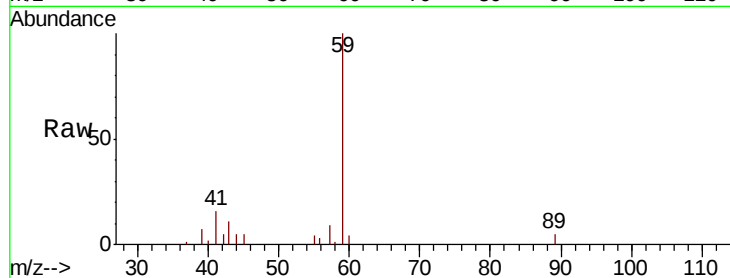


#11

Tert butyl alcohol
 Concen: 97.860 ug/l
 RT: 4.97 min Scan# 531
 Delta R.T. -0.00 min
 Lab File: VY000404.D
 Acq: 24 Oct 2019 13:09

Instrument :
 MSVOA_Y
 ClientSampleId :

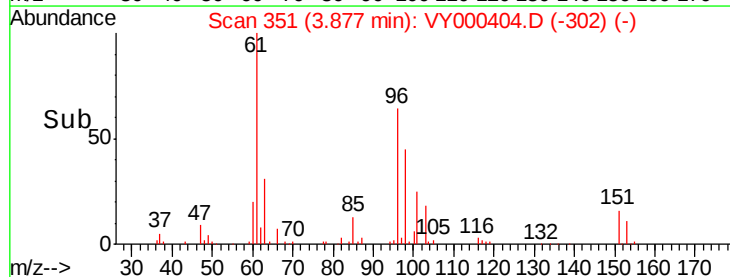
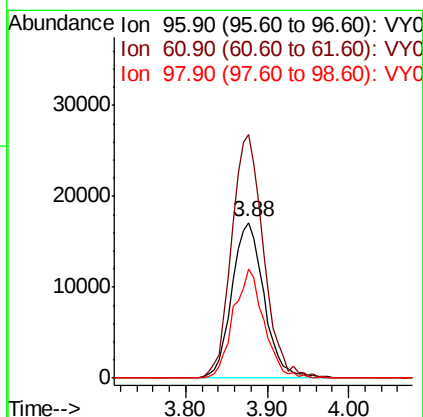
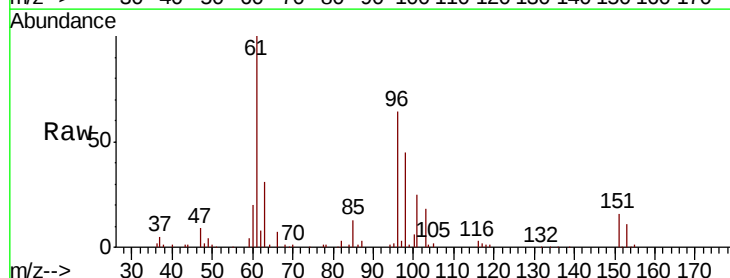
Tot Ion: 59 Resp: 23732
 Ion Ratio Lower Upper
 59 100
 57 10.8 8.2 12.2

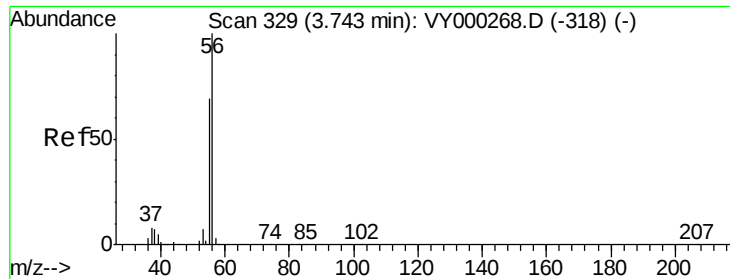


#12

1,1-Dichloroethene
 Concen: 20.952 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. -0.00 min
 Lab File: VY000404.D
 Acq: 24 Oct 2019 13:09

Tgt Ion: 96 Resp: 46487
 Ion Ratio Lower Upper
 96 100
 61 156.4 125.8 188.6
 98 70.1 46.2 69.2#





#13

Acrolein

Concen: 70.833 ug/l

RT: 3.74 min Scan# 328

Delta R.T. -0.01 min

Lab File: VY000404.D

Acq: 24 Oct 2019 13:09

Instrument :

MSVOA_Y

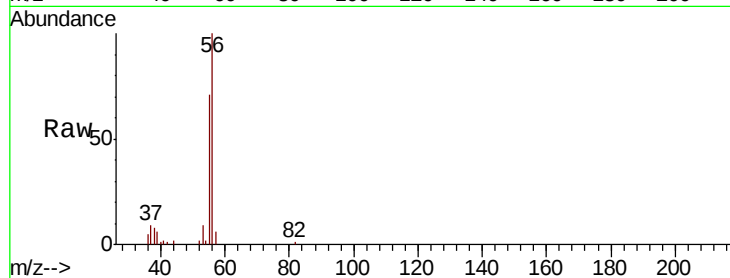
ClientSampleId :

Tot Ion: 56 Resp: 20139

Ion Ratio Lower Upper

56 100

55 69.1 55.7 83.5



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

8000

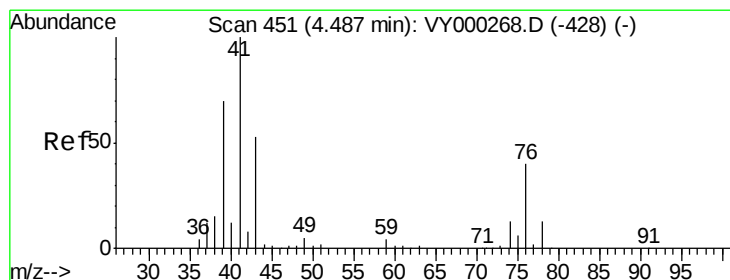
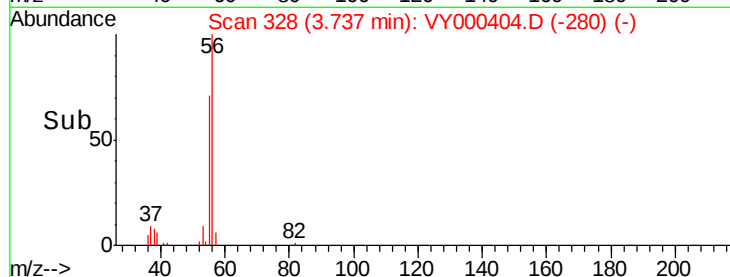
6000

4000

2000

0

Time--> 3.60 3.70 3.80



#14

Allyl chloride

Concen: 20.452 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.00 min

Lab File: VY000404.D

Acq: 24 Oct 2019 13:09

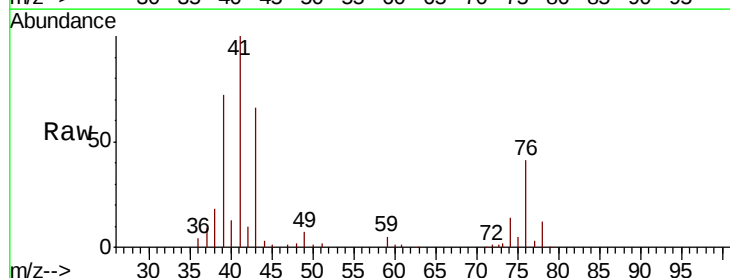
Tgt Ion: 41 Resp: 75197

Ion Ratio Lower Upper

41 100

39 69.2 54.0 81.0

76 38.5 30.7 46.1



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

30000

25000

20000

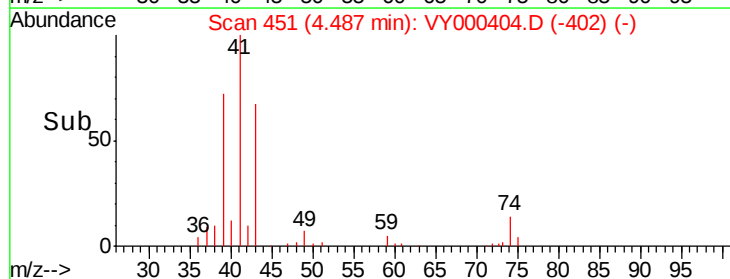
15000

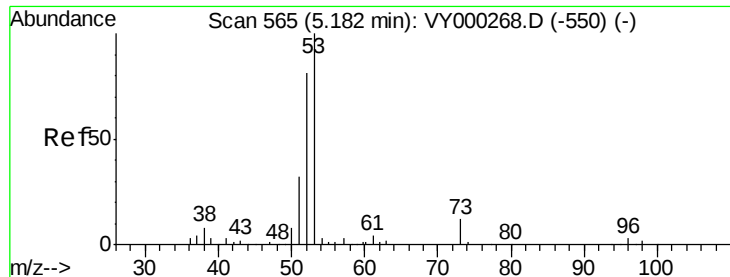
10000

5000

0

Time--> 4.30 4.40 4.50 4.60





#15

Acrylonitrile

Concen: 101.965 ug/l

RT: 5.18 min Scan# 564

Delta R.T. -0.01 min

Lab File: VY000404.D

Acq: 24 Oct 2019 13:09

Instrument :
MSVOA_Y
ClientSampled :

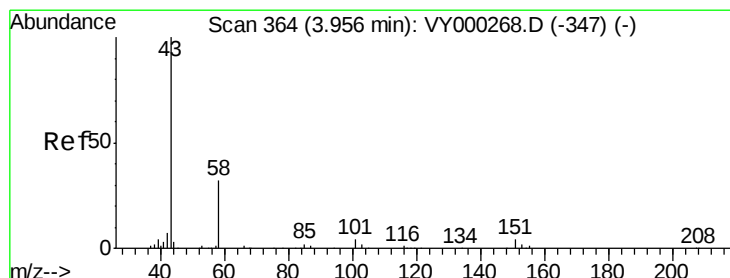
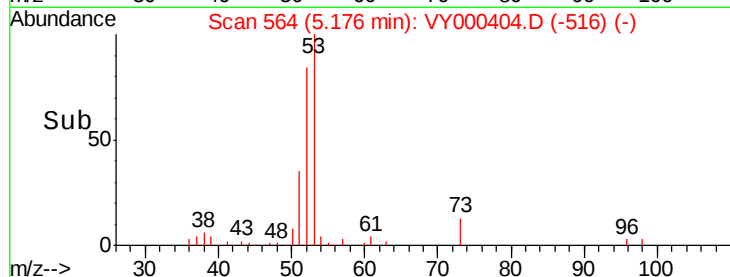
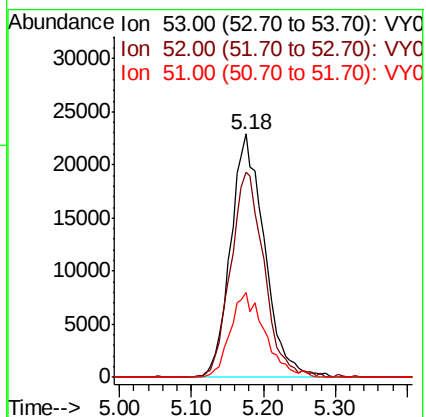
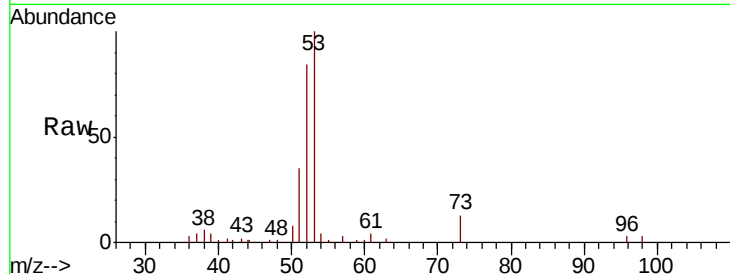
Tot Ion: 53 Resp: 74717

Ion Ratio Lower Upper

53 100

52 83.7 62.9 94.3

51 35.7 26.9 40.3



#16

Acetone

Concen: 96.676 ug/l

RT: 3.96 min Scan# 364

Delta R.T. -0.00 min

Lab File: VY000404.D

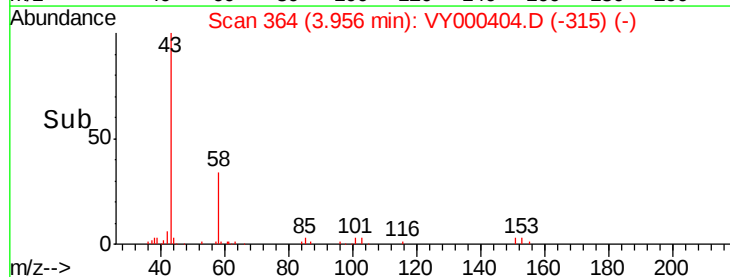
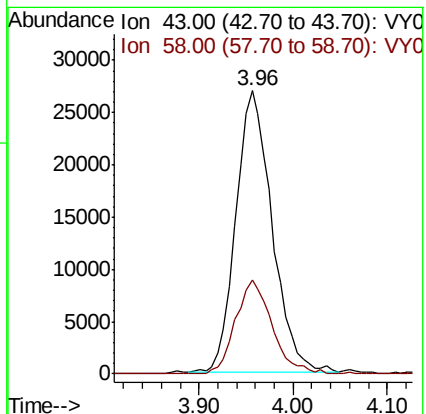
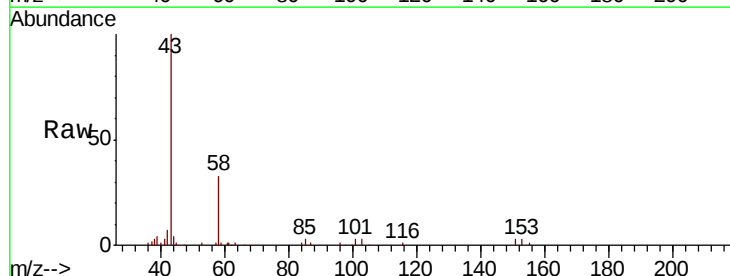
Acq: 24 Oct 2019 13:09

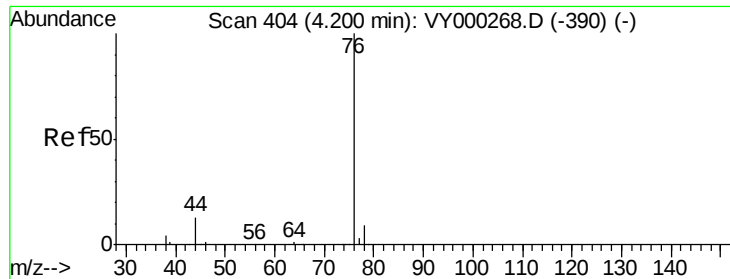
Tgt Ion: 43 Resp: 72550

Ion Ratio Lower Upper

43 100

58 33.1 25.8 38.6

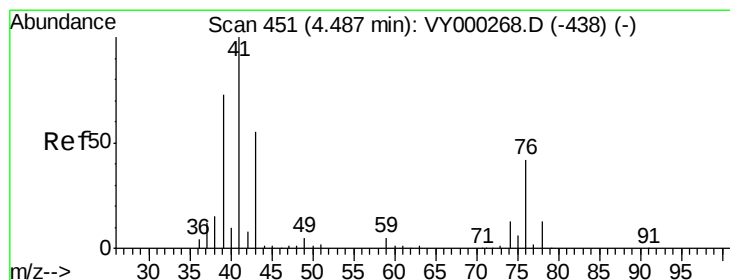
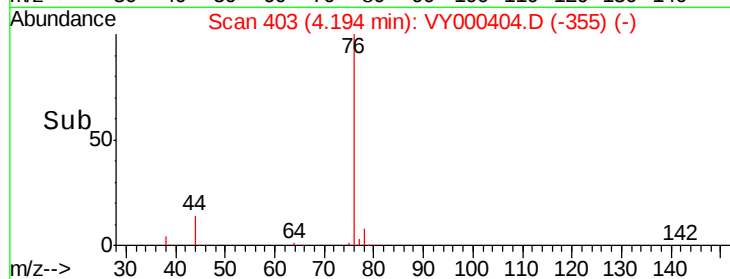
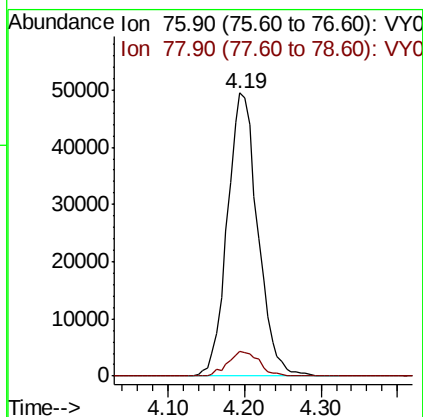
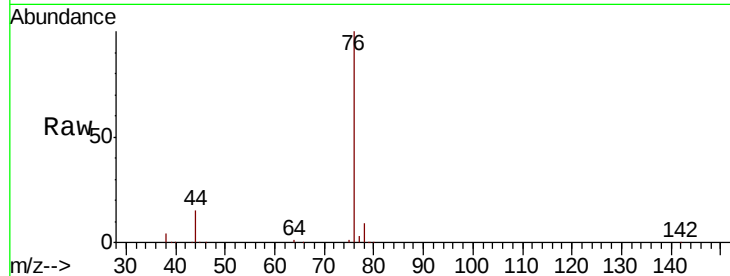




#17
Carbon Disulfide
Concen: 19.518 ug/l
RT: 4.19 min Scan# 403
Delta R.T. -0.01 min
Lab File: VY000404.D
Acq: 24 Oct 2019 13:09

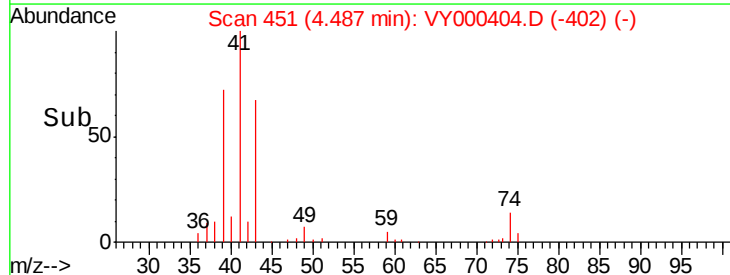
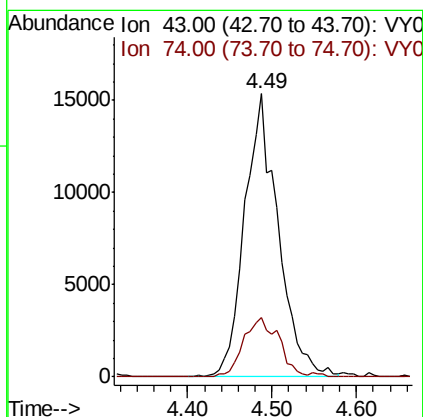
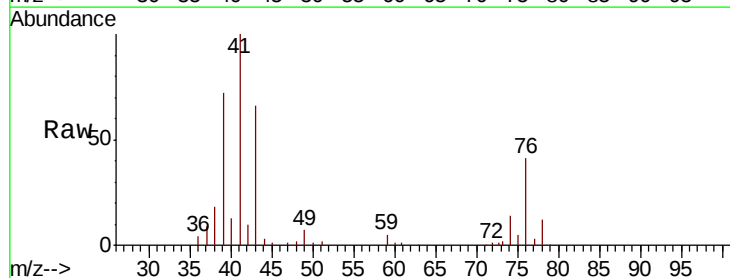
Instrument :
MSVOA_Y
ClientSampled :

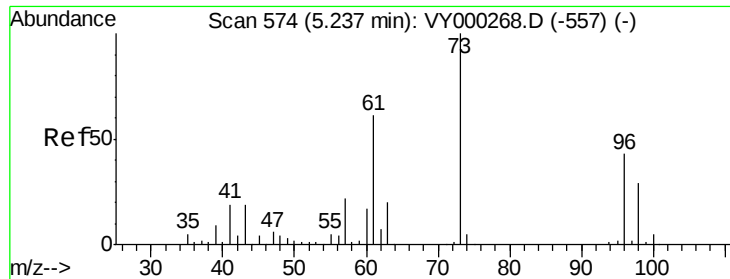
Tot Ion: 76 Resp: 136345
Ion Ratio Lower Upper
76 100
78 8.9 7.0 10.4



#18
Methyl Acetate
Concen: 22.274 ug/l
RT: 4.49 min Scan# 451
Delta R.T. -0.00 min
Lab File: VY000404.D
Acq: 24 Oct 2019 13:09

Tgt Ion: 43 Resp: 41531
Ion Ratio Lower Upper
43 100
74 21.9 20.4 30.6

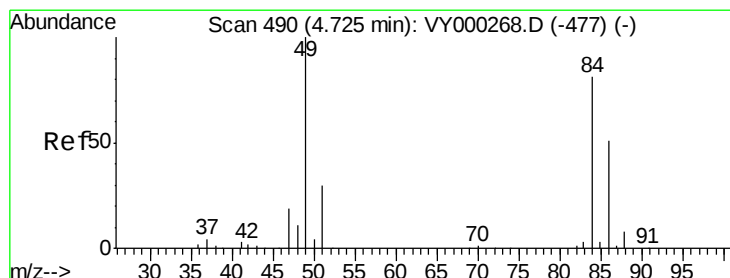
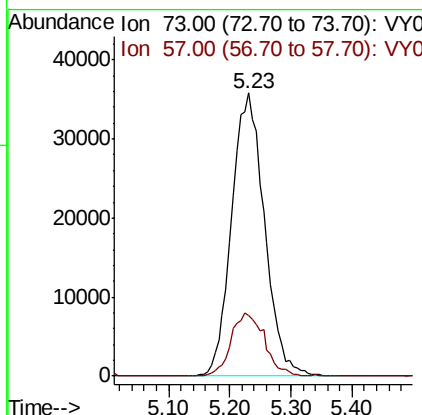
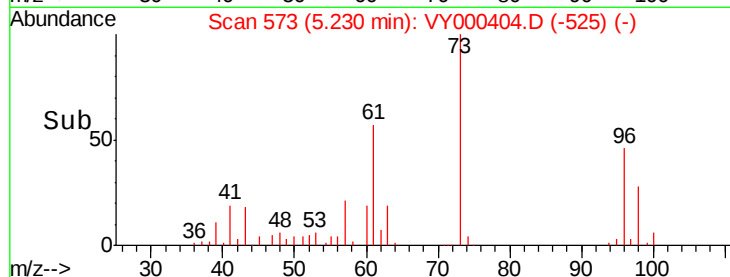
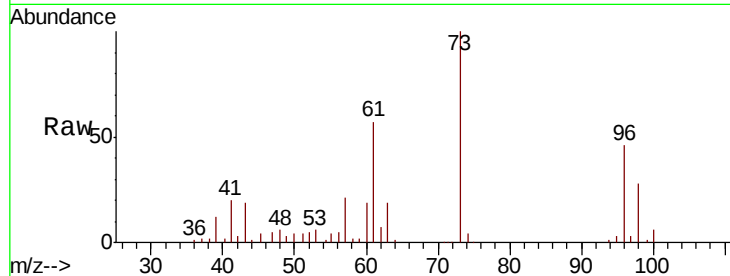




#19
Methyl tert-butyl Ether
Concen: 21.484 ug/l
RT: 5.23 min Scan# 573
Delta R.T. -0.01 min
Lab File: VY000404.D
Acq: 24 Oct 2019 13:09

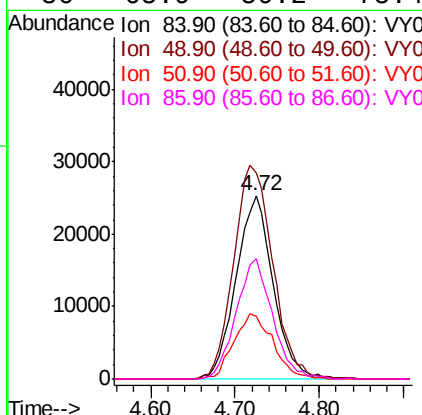
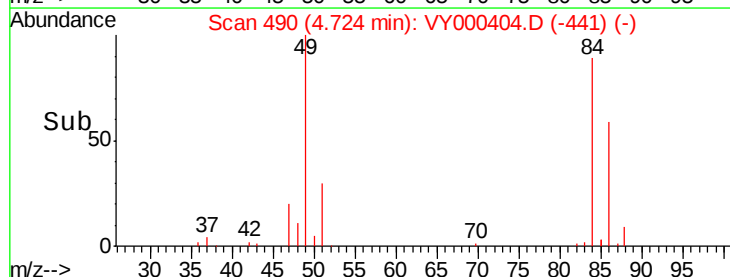
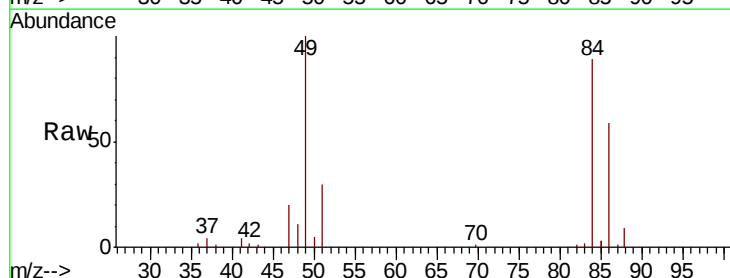
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 73 Resp: 132697
Ion Ratio Lower Upper
73 100
57 21.5 17.4 26.0



#20
Methylene Chloride
Concen: 27.303 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY000404.D
Acq: 24 Oct 2019 13:09

Tgt Ion: 84 Resp: 75276
Ion Ratio Lower Upper
84 100
49 112.5 99.0 148.4
51 34.2 29.3 43.9
86 65.9 50.2 75.4





#21

trans-1,2-Dichloroethene

Concen: 20.920 ug/l

RT: 5.23 min Scan# 573

Delta R.T. 0.01 min

Lab File: VY000404.D

Acq: 24 Oct 2019 13:09

Instrument :

MSVOA_Y

ClientSampleId :

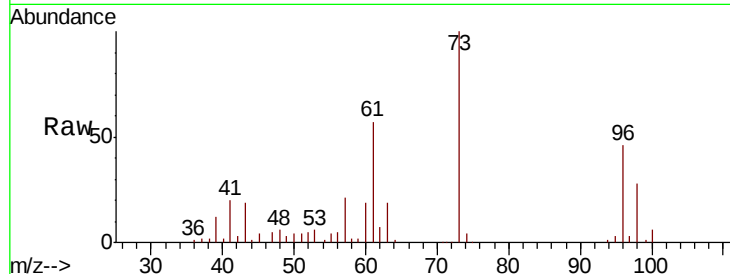
Tot Ion: 96 Resp: 53254

Ion Ratio Lower Upper

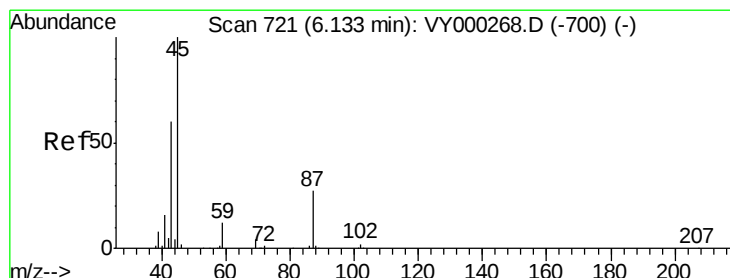
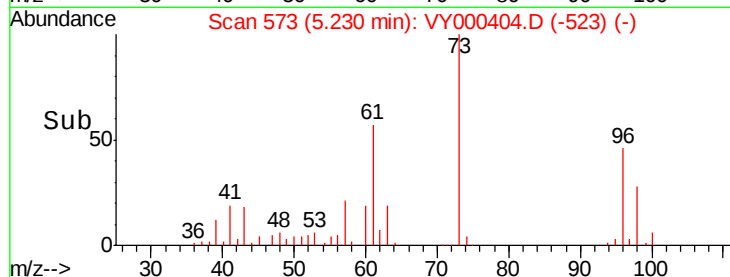
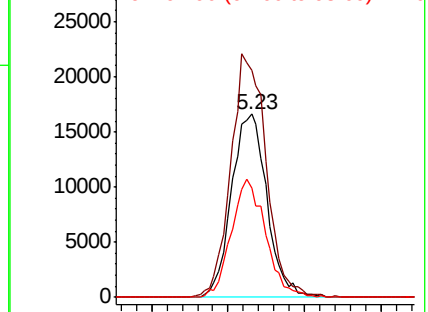
96 100

61 123.9 100.4 150.6

98 59.5 44.6 66.8



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



#22

Diisopropyl ether

Concen: 21.532 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.01 min

Lab File: VY000404.D

Acq: 24 Oct 2019 13:09

Tgt Ion: 45 Resp: 167443

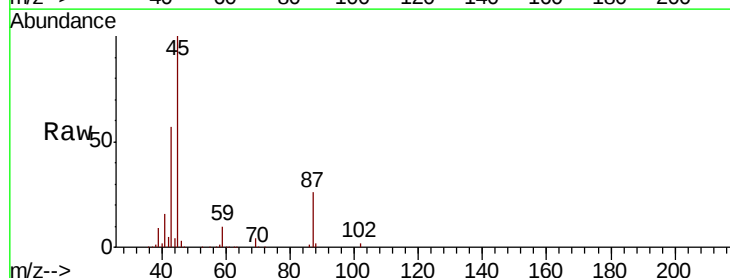
Ion Ratio Lower Upper

45 100

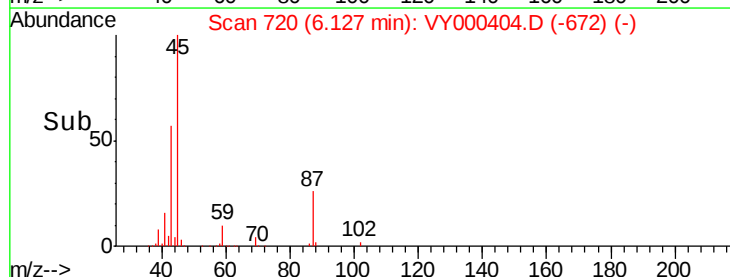
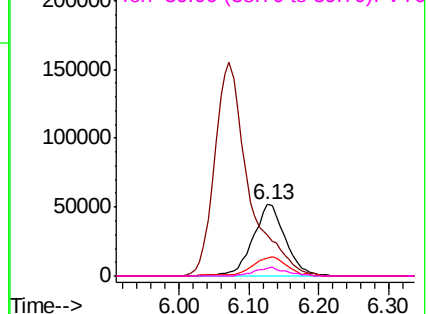
43 56.2 48.5 72.7

87 25.7 21.5 32.3

59 10.1 9.4 14.0



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: 102.622 ug/l

RT: 6.07 min Scan# 711

Delta R.T. -0.01 min

Lab File: VY000404.D

Acq: 24 Oct 2019 13:09

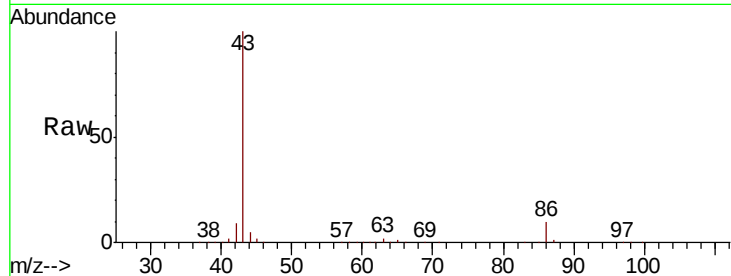
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 43 Resp: 520639

Ion Ratio Lower Upper

43 100

86 10.2 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

6.07

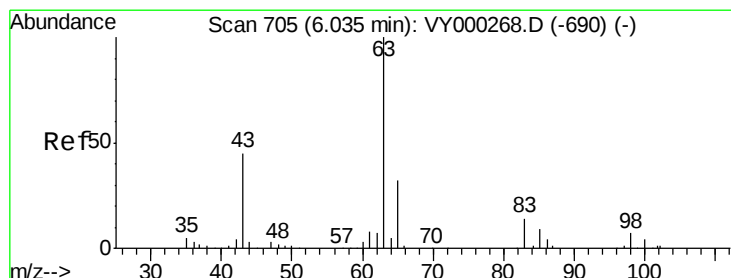
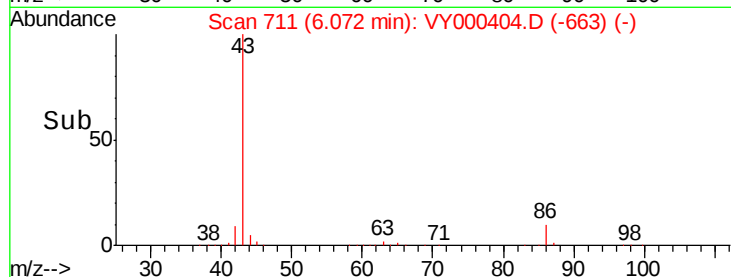
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 21.146 ug/l

RT: 6.03 min Scan# 704

Delta R.T. -0.01 min

Lab File: VY000404.D

Acq: 24 Oct 2019 13:09

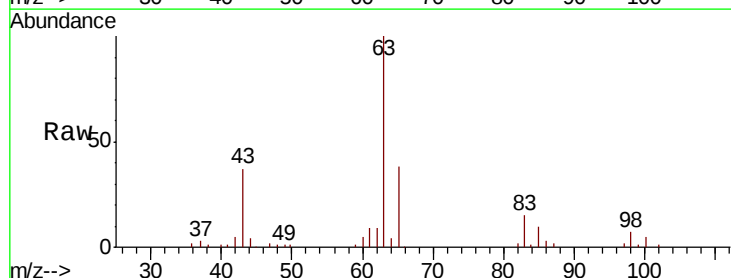
Tgt Ion: 63 Resp: 89762

Ion Ratio Lower Upper

63 100

98 7.4 3.5 10.4

100 5.3 2.1 6.2



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

6.03

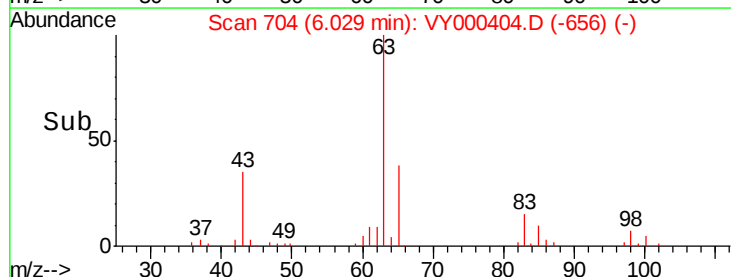
30000

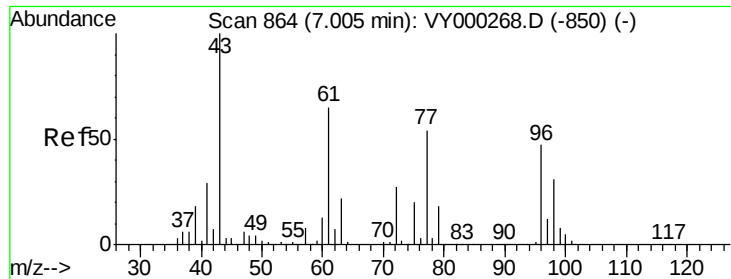
20000

10000

0

Time-->





#25

2-Butanone

Concen: 100.078 ug/l

RT: 7.00 min Scan# 864

Delta R.T. -0.00 min

Lab File: VY000404.D

Acq: 24 Oct 2019 13:09

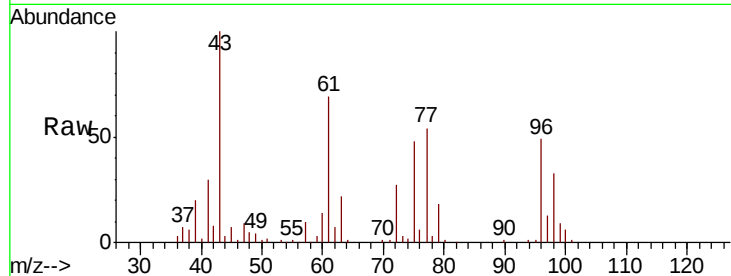
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 43 Resp: 105796

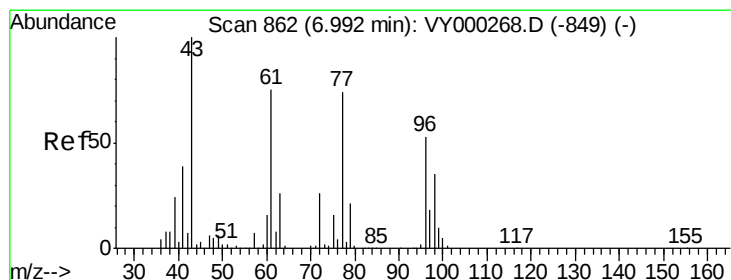
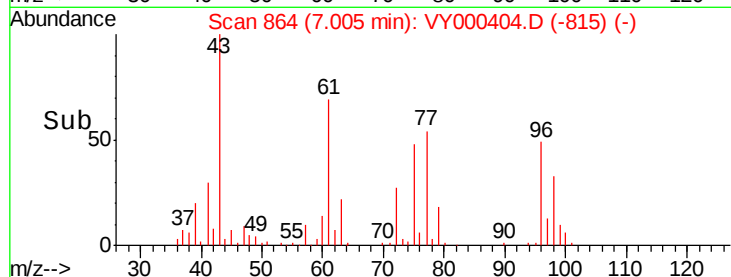
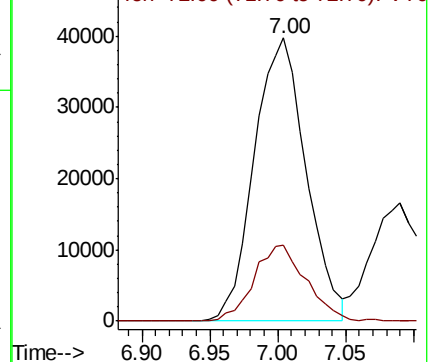
Ion Ratio Lower Upper

43 100

72 26.9 21.4 32.2



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



#26

2,2-Dichloropropane

Concen: 21.308 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.00 min

Lab File: VY000404.D

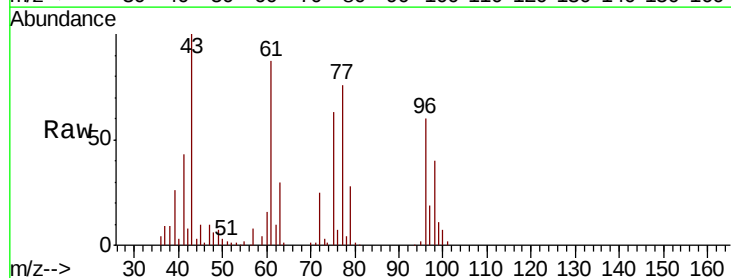
Acq: 24 Oct 2019 13:09

Tgt Ion: 77 Resp: 83343

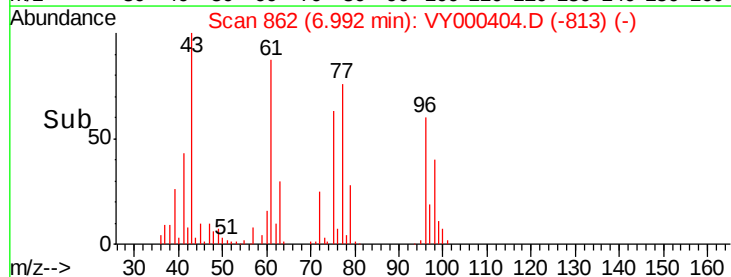
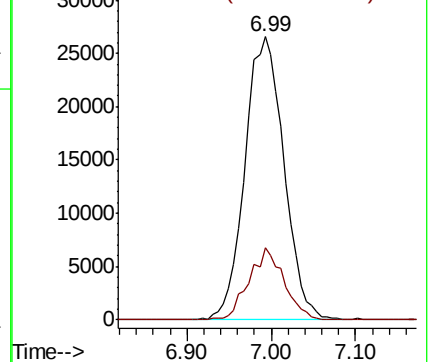
Ion Ratio Lower Upper

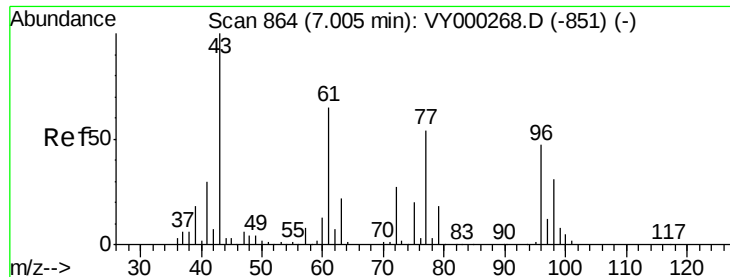
77 100

97 23.0 11.6 34.7



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



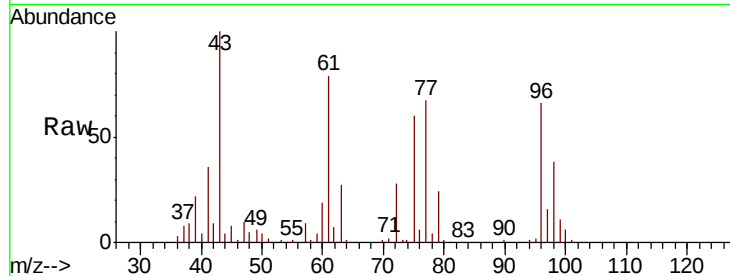


#27

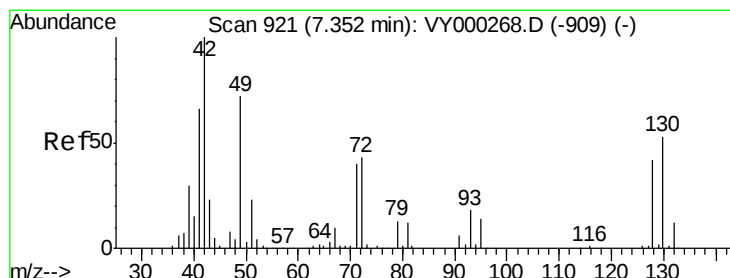
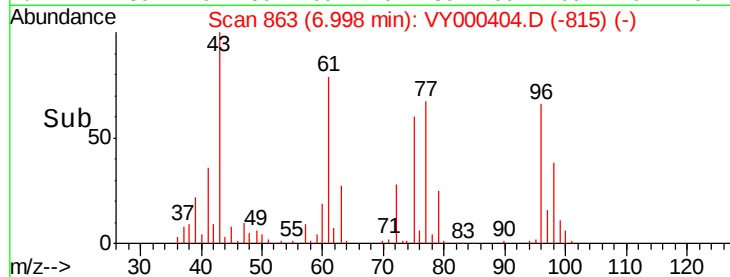
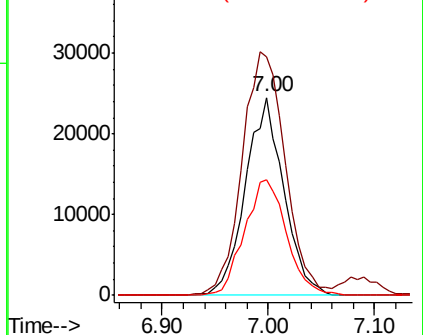
cis-1,2-Dichloroethene
Concen: 22.513 ug/l
RT: 7.00 min Scan# 863
Delta R.T. -0.01 min
Lab File: VY000404.D
Acq: 24 Oct 2019 13:09

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 96 Resp: 62011
Ion Ratio Lower Upper
96 100
61 138.4 0.0 289.8
98 63.7 0.0 131.8



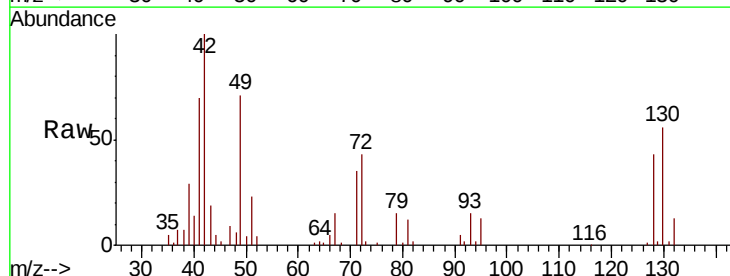
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



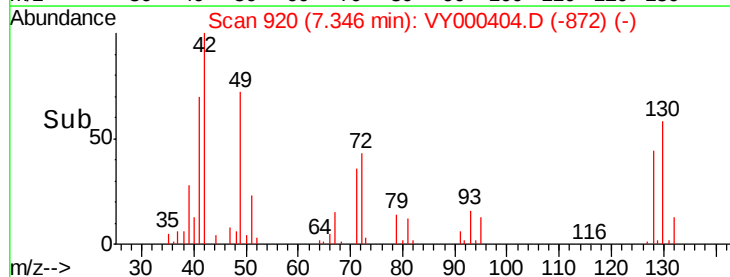
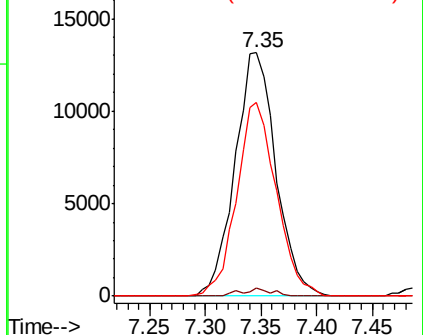
#28

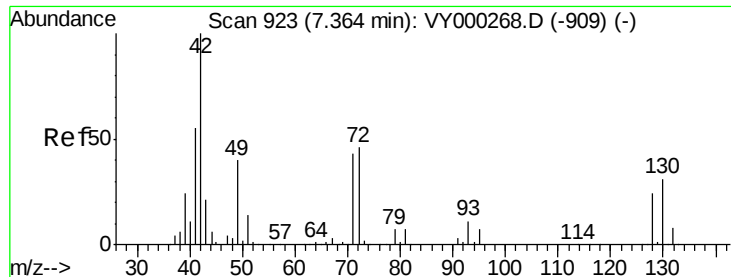
Bromochloromethane
Concen: 18.435 ug/l
RT: 7.35 min Scan# 920
Delta R.T. -0.01 min
Lab File: VY000404.D
Acq: 24 Oct 2019 13:09

Tgt Ion: 49 Resp: 33592
Ion Ratio Lower Upper
49 100
129 1.5 0.0 4.0
130 77.3 58.2 87.2



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

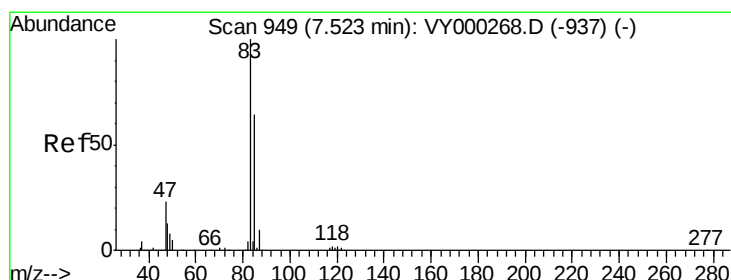
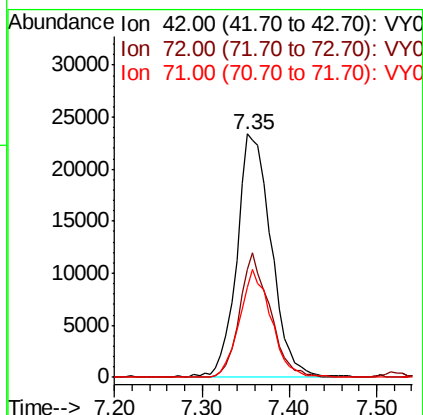
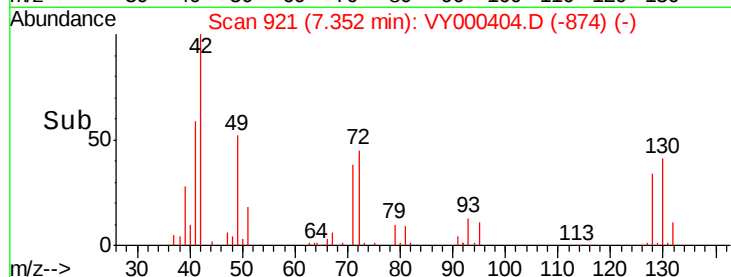
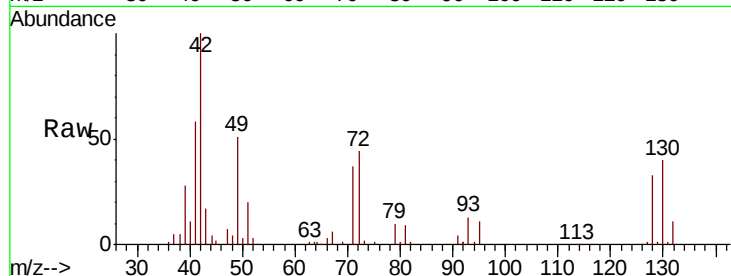




#29
Tetrahydrofuran
Concen: 99.551 ug/l
RT: 7.35 min Scan# 921
Delta R.T. -0.01 min
Lab File: VY000404.D
Acq: 24 Oct 2019 13:09

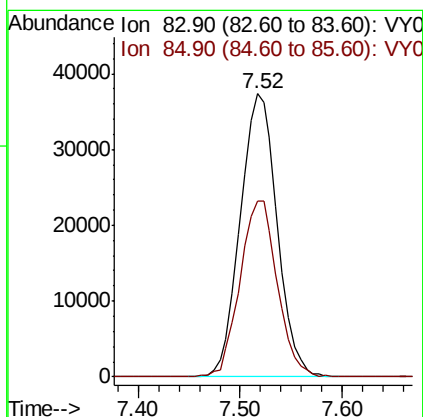
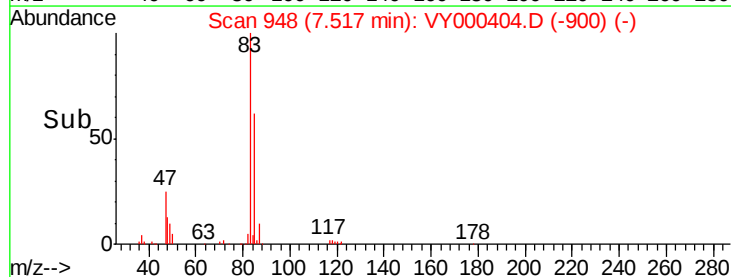
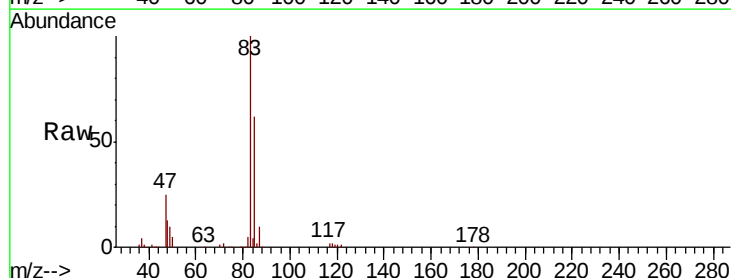
Instrument :
MSVOA_Y
ClientSampleId :

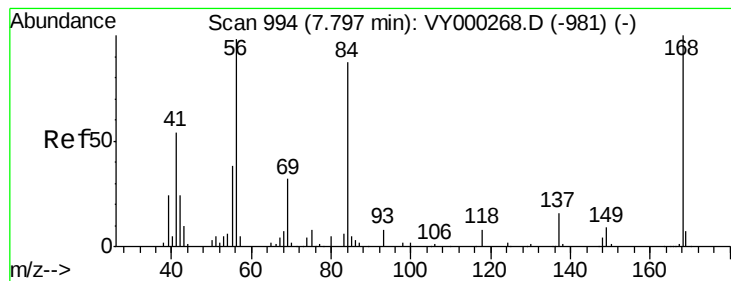
Tot Ion: 42 Resp: 63779
Ion Ratio Lower Upper
42 100
72 45.4 34.5 51.7
71 40.6 32.7 49.1



#30
Chloroform
Concen: 21.922 ug/l
RT: 7.52 min Scan# 948
Delta R.T. -0.01 min
Lab File: VY000404.D
Acq: 24 Oct 2019 13:09

Tgt Ion: 83 Resp: 93711
Ion Ratio Lower Upper
83 100
85 62.3 51.4 77.2





#31

Cyclohexane

Concen: 21.409 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.01 min

Lab File: VY000404.D

Acq: 24 Oct 2019 13:09

Instrument :

MSVOA_Y

ClientSampled :

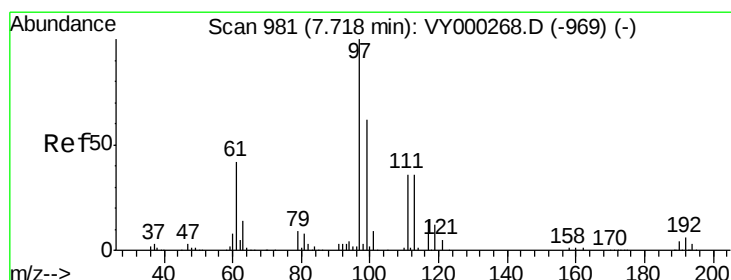
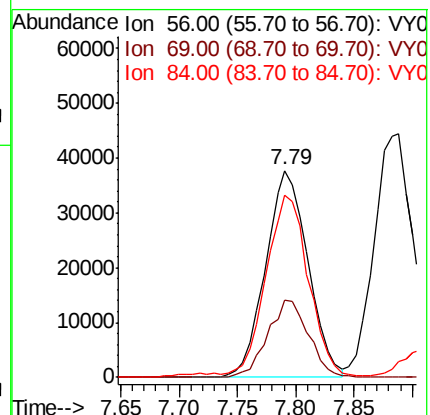
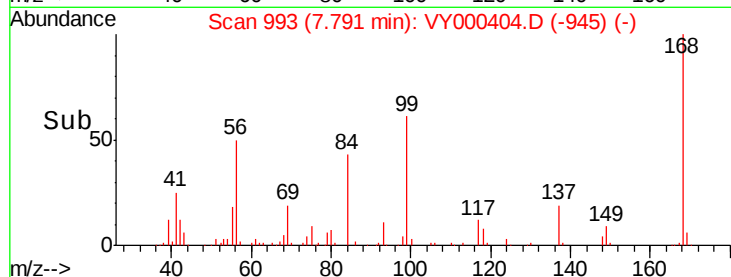
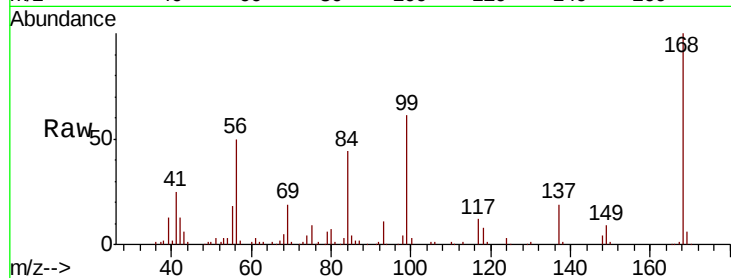
Tot Ion: 56 Resp: 94914

Ion Ratio Lower Upper

56 100

69 37.5 26.3 39.5

84 86.6 70.8 106.2



#32

1,1,1-Trichloroethane

Concen: 22.325 ug/l

RT: 7.71 min Scan# 980

Delta R.T. -0.01 min

Lab File: VY000404.D

Acq: 24 Oct 2019 13:09

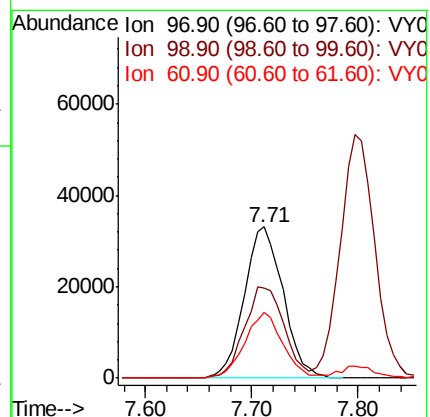
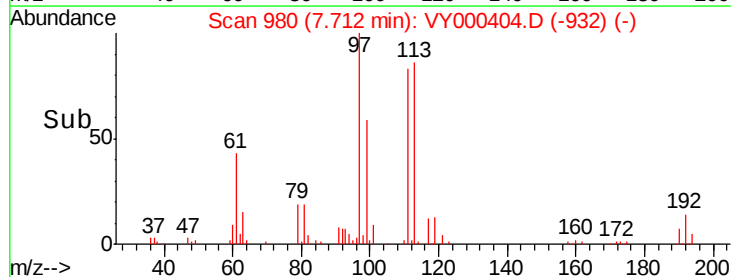
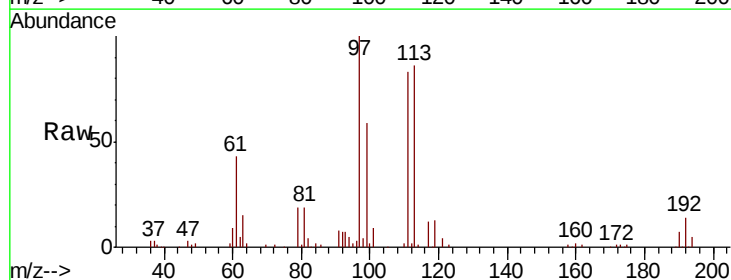
Tgt Ion: 97 Resp: 84847

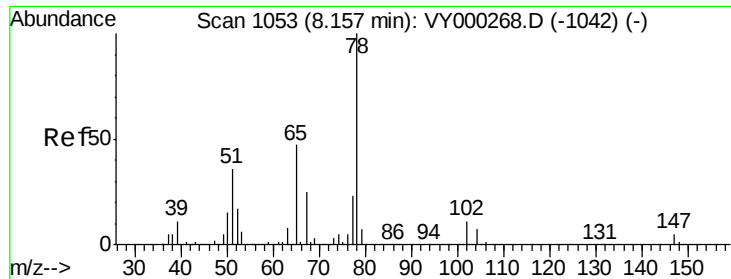
Ion Ratio Lower Upper

97 100

99 62.0 51.7 77.5

61 42.2 34.5 51.7

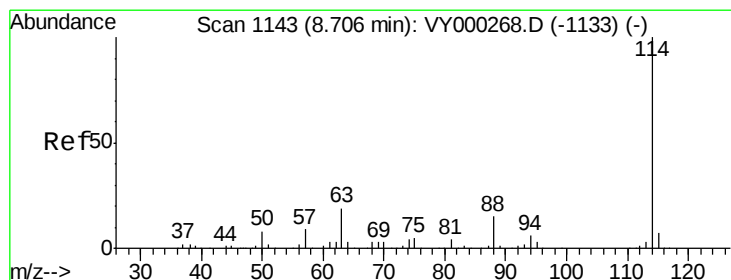
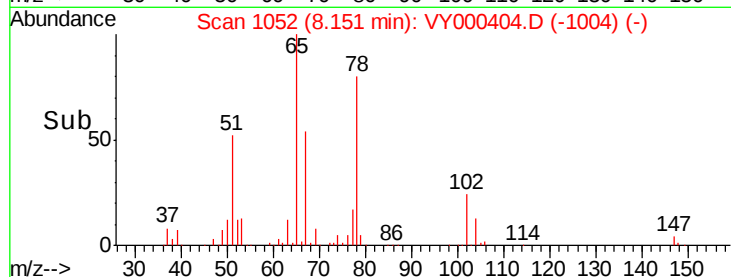
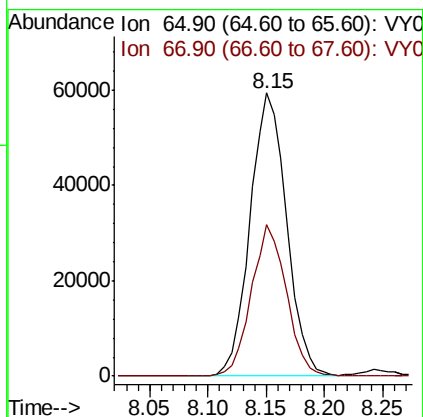
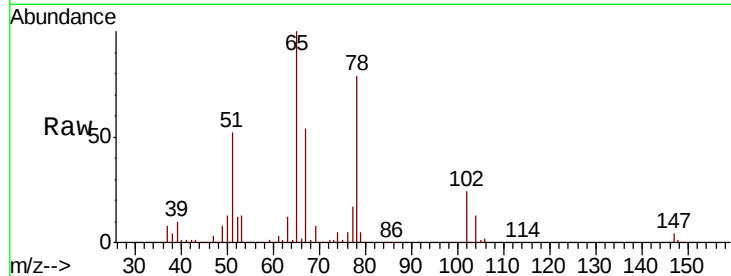




#33
 1,2-Dichloroethane-d4
 Concen: 56.136 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: VY000404.D
 Acq: 24 Oct 2019 13:09

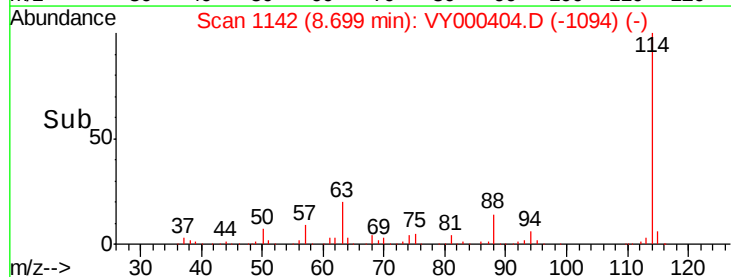
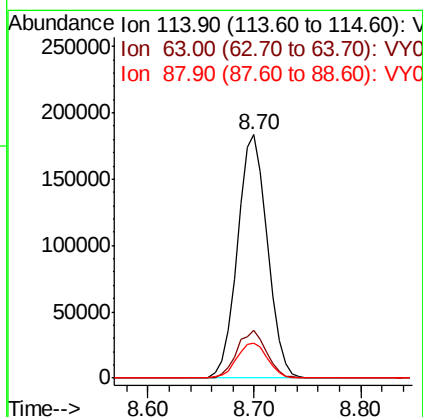
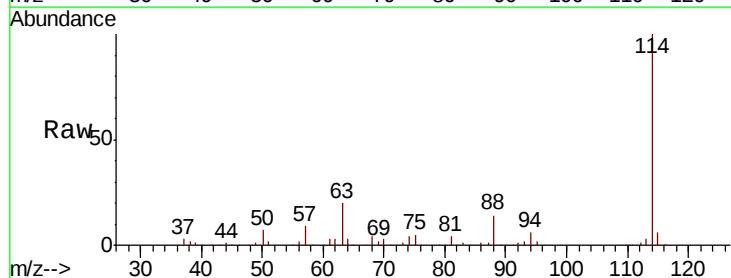
Instrument :
 MSVOA_Y
 ClientSampleId :

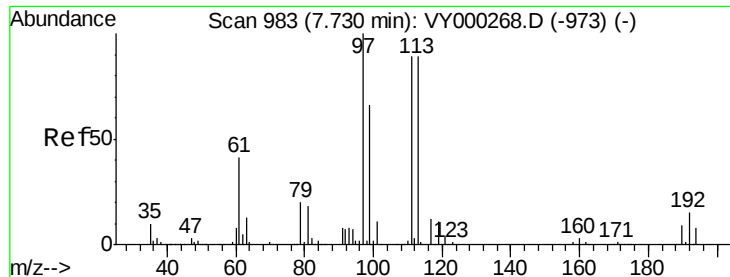
Tot Ion: 65 Resp: 130084
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: VY000404.D
 Acq: 24 Oct 2019 13:09

Tgt Ion: 114 Resp: 361738
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 37.2
 88 14.3 0.0 30.2

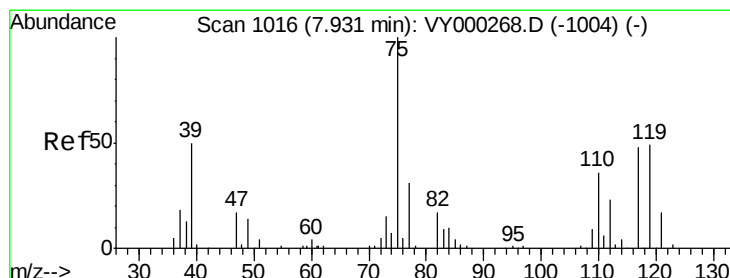
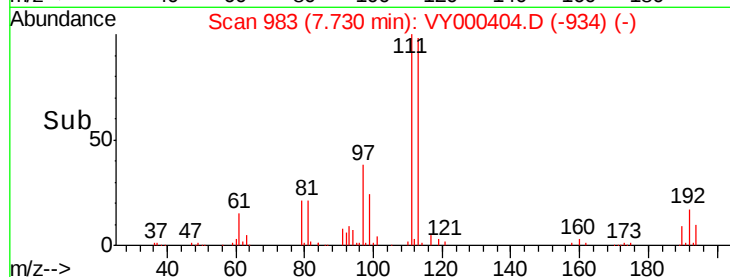
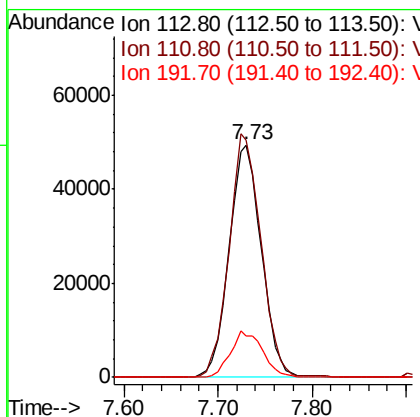
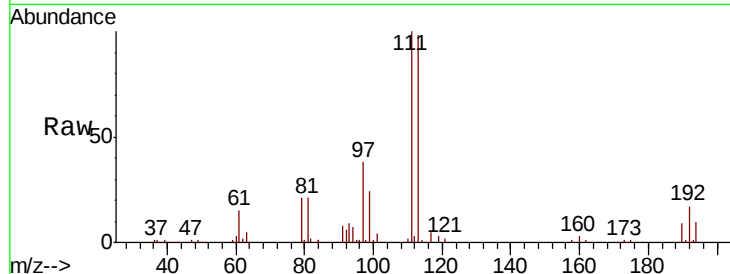




#35
 Dibromofluoromethane
 Concen: 53.776 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.00 min
 Lab File: VY000404.D
 Acq: 24 Oct 2019 13:09

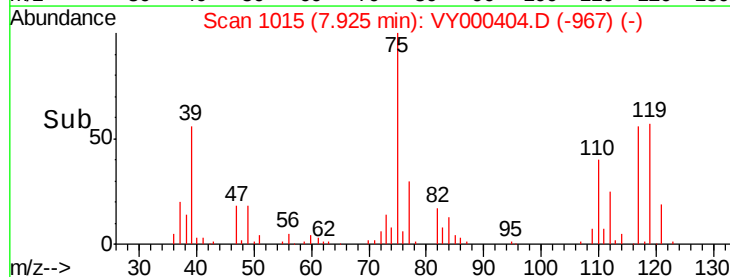
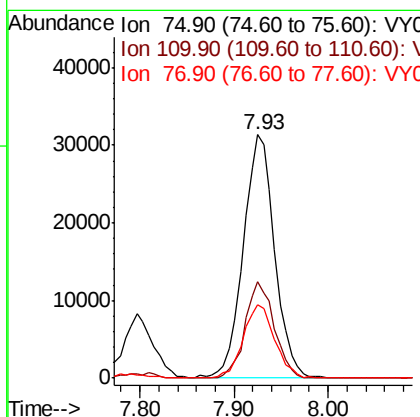
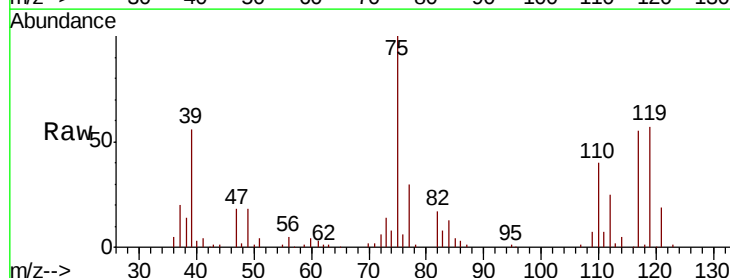
Instrument :
 MSVOA_Y
 ClientSampleId :

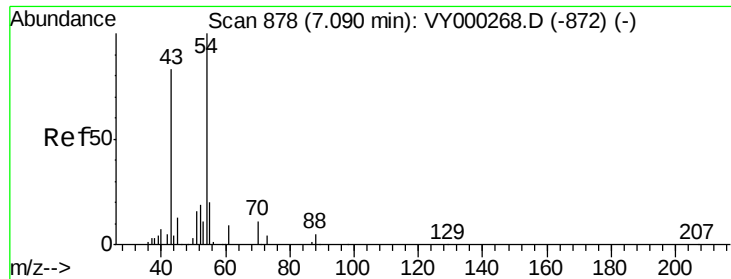
Tot Ion:113 Resp: 117342
 Ion Ratio Lower Upper
 113 100
 111 103.2 81.6 122.4
 192 19.6 15.3 22.9



#36
 1,1-Dichloropropene
 Concen: 20.660 ug/l
 RT: 7.93 min Scan# 1015
 Delta R.T. -0.01 min
 Lab File: VY000404.D
 Acq: 24 Oct 2019 13:09

Tgt Ion: 75 Resp: 73170
 Ion Ratio Lower Upper
 75 100
 110 36.8 18.4 55.4
 77 30.4 25.0 37.6

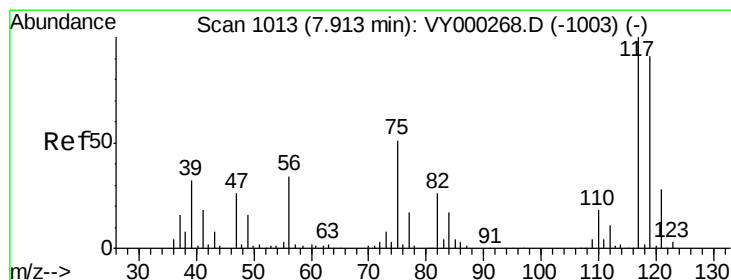
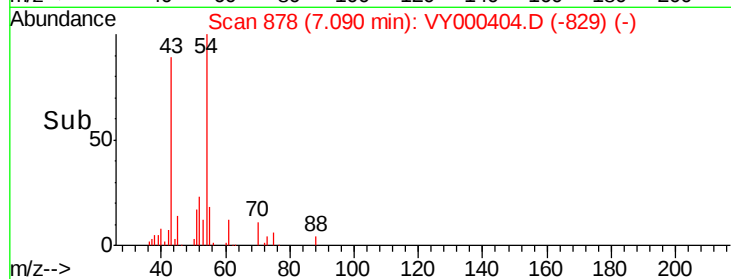
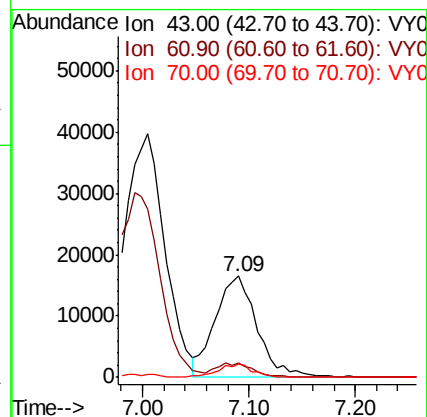
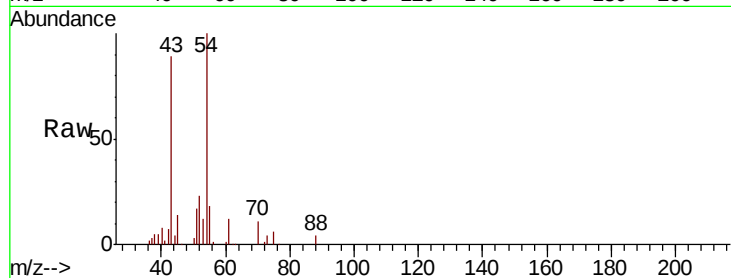




#37
Ethyl Acetate
Concen: 21.180 ug/l
RT: 7.09 min Scan# 878
Delta R.T. -0.00 min
Lab File: VY000404.D
Acq: 24 Oct 2019 13:09

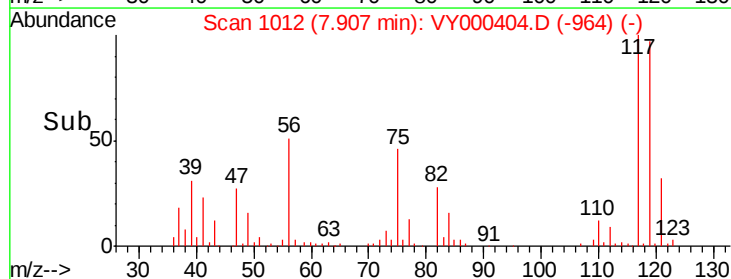
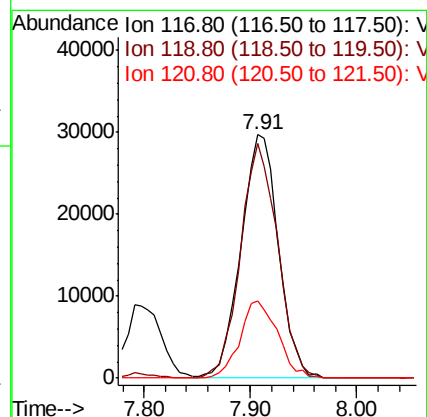
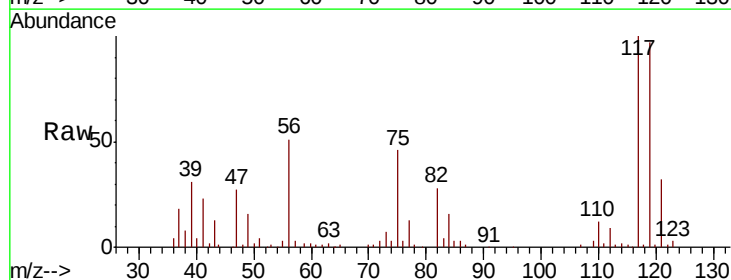
Instrument :
MSVOA_Y
ClientSampled :

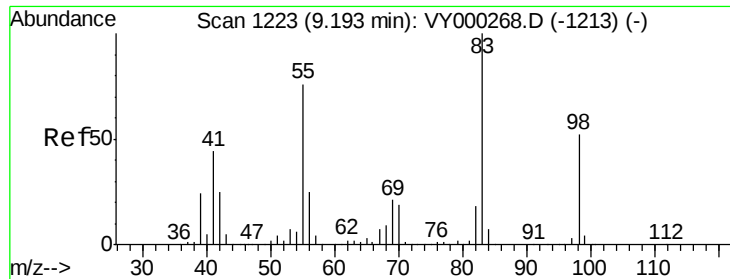
Tot Ion: 43 Resp: 44415
Ion Ratio Lower Upper
43 100
61 12.6 12.1 18.1
70 10.7 8.7 13.1



#38
Carbon Tetrachloride
Concen: 21.442 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.01 min
Lab File: VY000404.D
Acq: 24 Oct 2019 13:09

Tgt Ion: 117 Resp: 73527
Ion Ratio Lower Upper
117 100
119 96.5 72.8 109.2
121 31.6 22.2 33.2

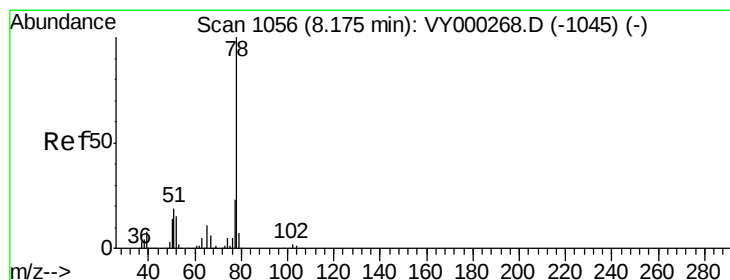
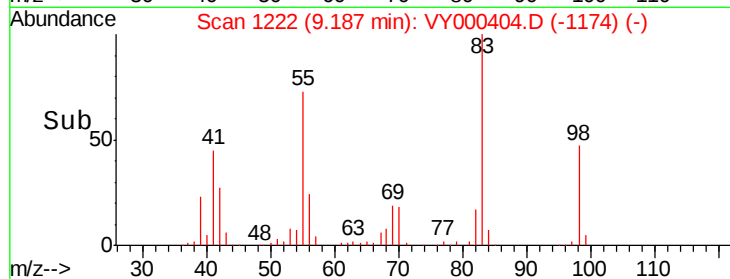
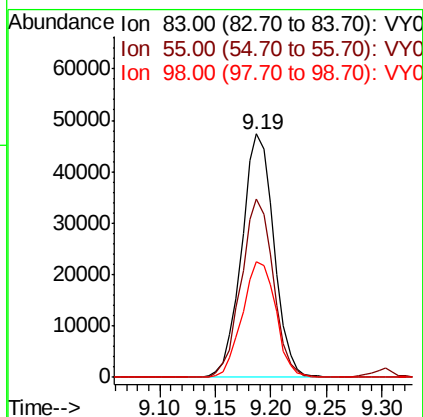
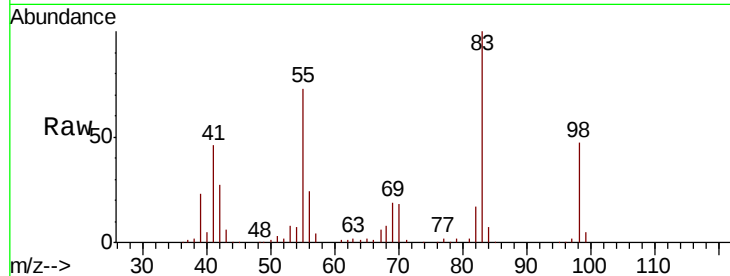




#39
Methylvlcvclohexane
Concen: 20.620 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.01 min
Lab File: VY000404.D
Acq: 24 Oct 2019 13:09

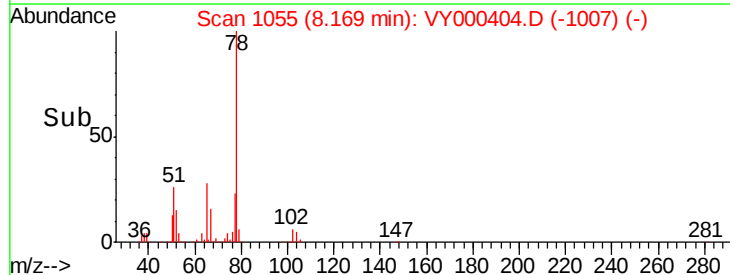
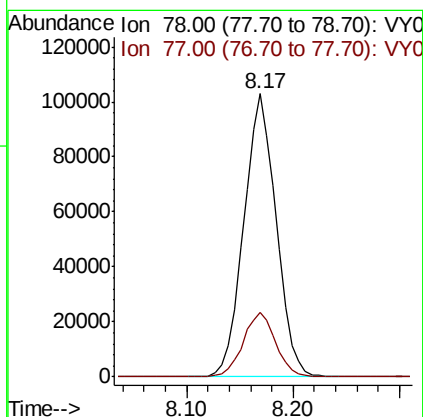
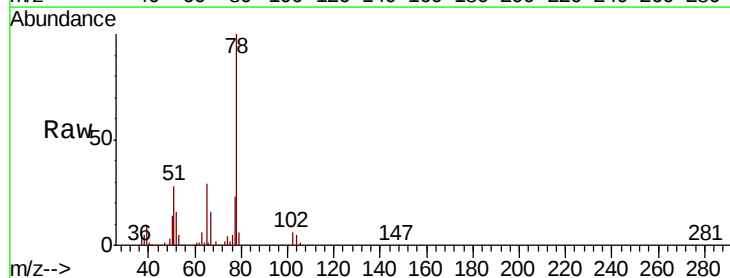
Instrument :
MSVOA_Y
ClientSampleId :

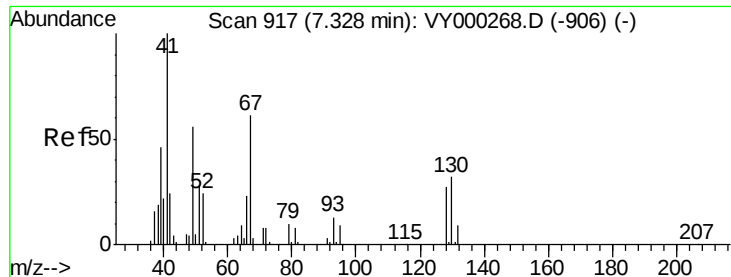
Tot Ion: 83 Resp: 95582
Ion Ratio Lower Upper
83 100
55 73.0 60.9 91.3
98 47.3 41.8 62.6



#40
Benzene
Concen: 21.459 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.01 min
Lab File: VY000404.D
Acq: 24 Oct 2019 13:09

Tgt Ion: 78 Resp: 219634
Ion Ratio Lower Upper
78 100
77 23.0 18.8 28.2

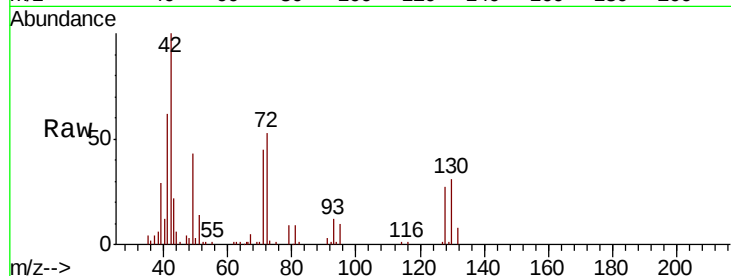




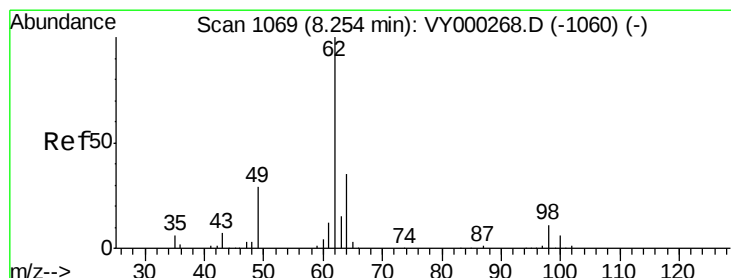
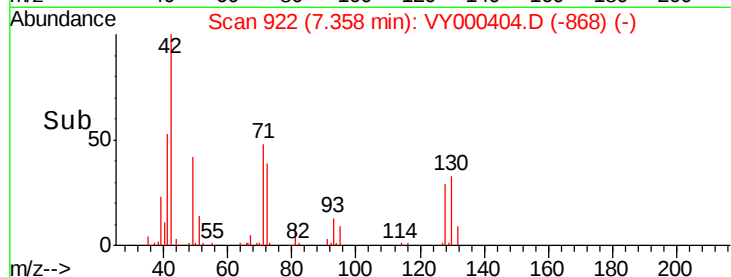
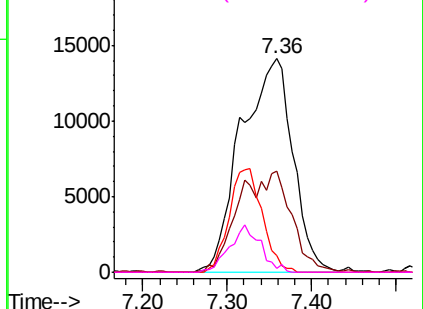
#41
Methacrylonitrile
Concen: 59.522 ug/l
RT: 7.36 min Scan# 922
Delta R.T. 0.03 min
Lab File: VY000404.D
Acq: 24 Oct 2019 13:09

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 41 Resp: 59416
Ion Ratio Lower Upper
41 100
39 0.0 110.2 165.2#
67 0.0 0.0 0.0
52 0.0 0.0 0.0

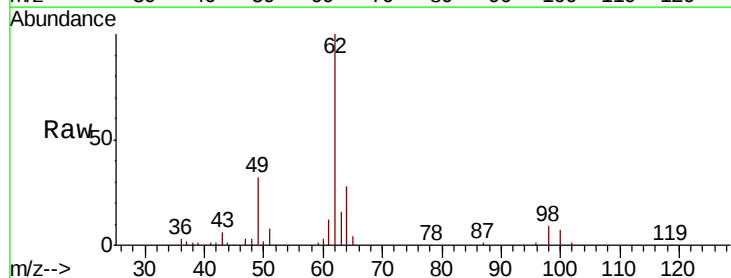


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

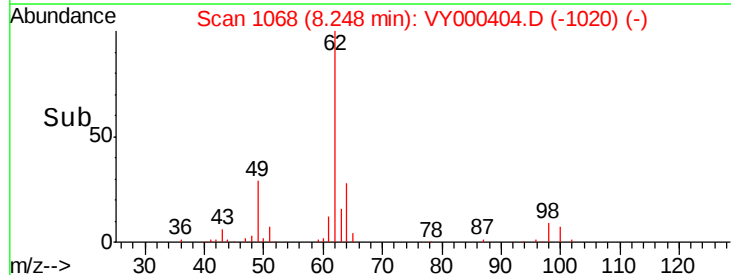
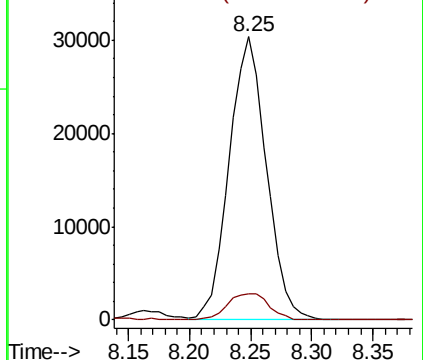


#42
1,2-Dichloroethane
Concen: 21.971 ug/l
RT: 8.25 min Scan# 1068
Delta R.T. -0.01 min
Lab File: VY000404.D
Acq: 24 Oct 2019 13:09

Tgt Ion: 62 Resp: 64233
Ion Ratio Lower Upper
62 100
98 10.3 0.0 20.6



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

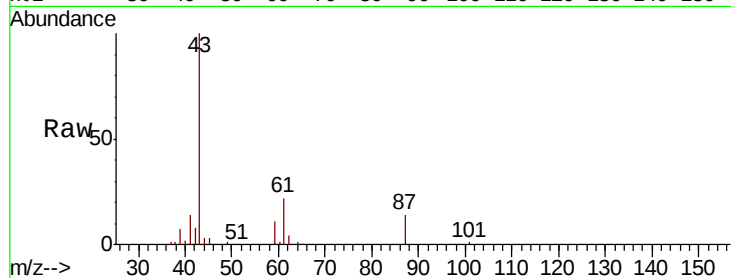




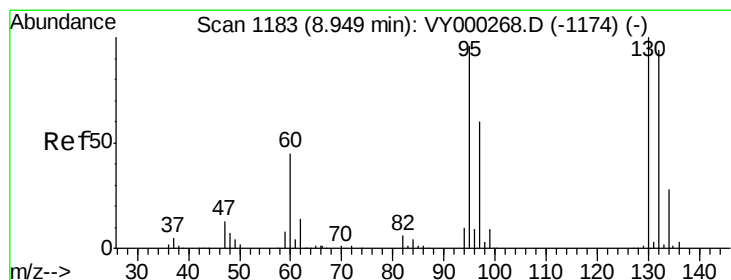
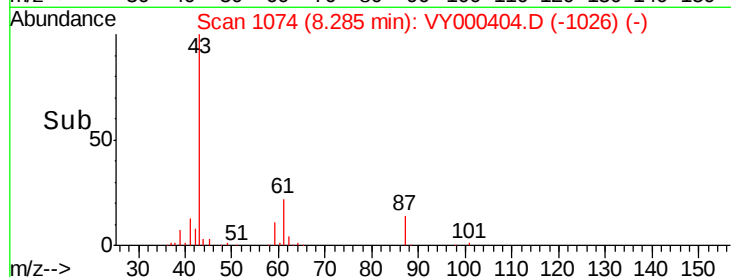
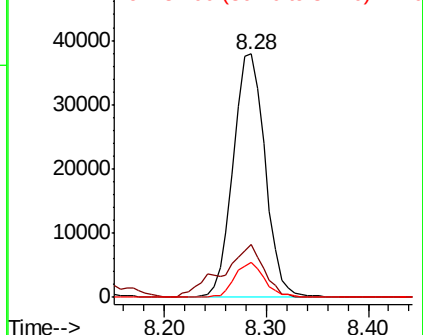
#43
Isopropyl Acetate
Concen: 20.675 ug/l
RT: 8.28 min Scan# 1074
Delta R.T. -0.01 min
Lab File: VY000404.D
Acq: 24 Oct 2019 13:09

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 43 Resp: 82439
Ion Ratio Lower Upper
43 100
61 28.0 22.3 33.5
87 13.4 10.9 16.3

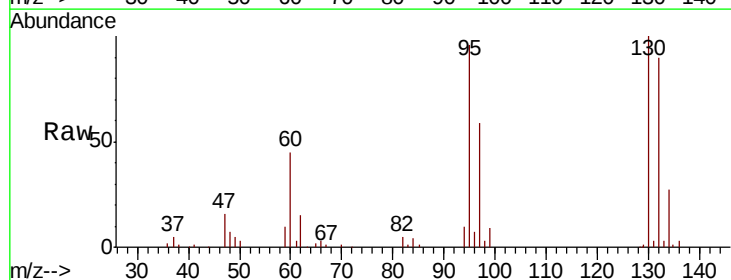


Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 61.00 (60.70 to 61.70): VY0
Ion 87.00 (86.70 to 87.70): VY0

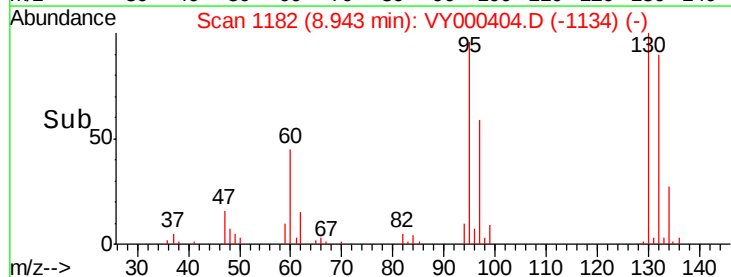
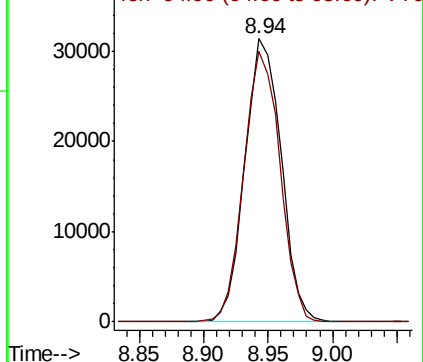


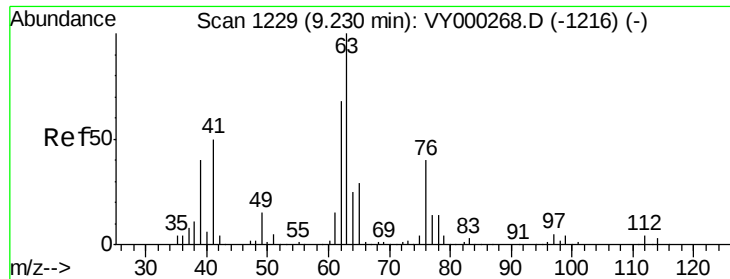
#44
Trichloroethene
Concen: 21.313 ug/l
RT: 8.94 min Scan# 1182
Delta R.T. -0.01 min
Lab File: VY000404.D
Acq: 24 Oct 2019 13:09

Tgt Ion:130 Resp: 61206
Ion Ratio Lower Upper
130 100
95 95.5 0.0 191.4



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VY0





#45

1,2-Dichloropropane

Concen: 21.485 ug/l

RT: 9.22 min Scan# 1228

Delta R.T. -0.01 min

Lab File: VY000404.D

Acq: 24 Oct 2019 13:09

Instrument :

MSVOA_Y

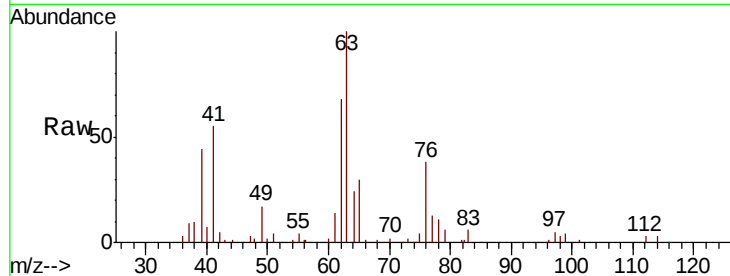
ClientSampleId :

Tot Ion: 63 Resp: 53963

Ion Ratio Lower Upper

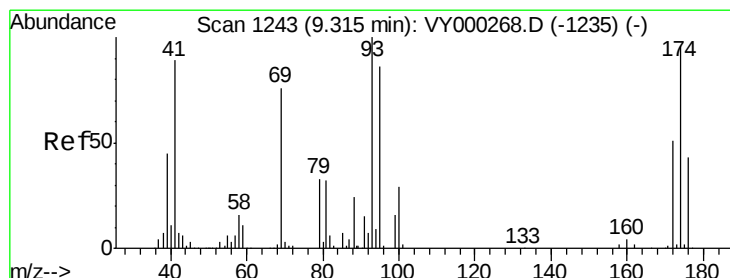
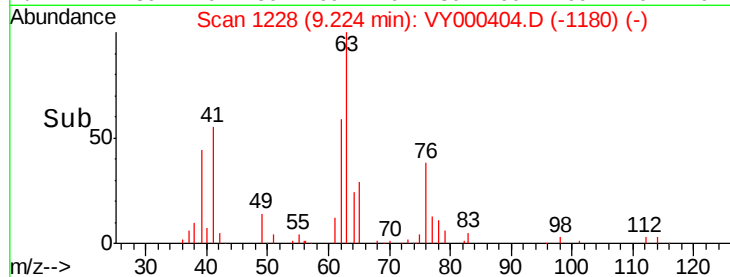
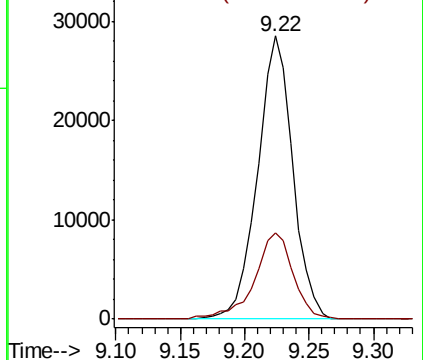
63 100

65 30.4 23.2 34.8



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 64.90 (64.60 to 65.60): VY0



#46

Dibromomethane

Concen: 21.542 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. -0.01 min

Lab File: VY000404.D

Acq: 24 Oct 2019 13:09

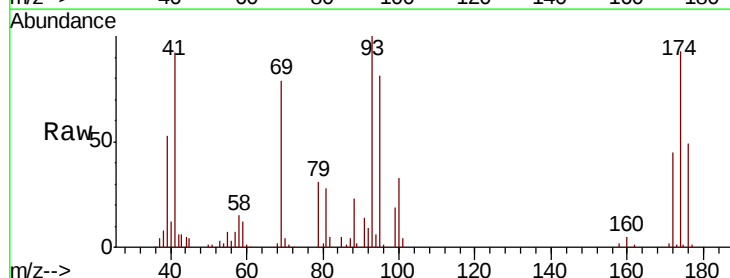
Tgt Ion: 93 Resp: 30246

Ion Ratio Lower Upper

93 100

95 80.9 68.2 102.2

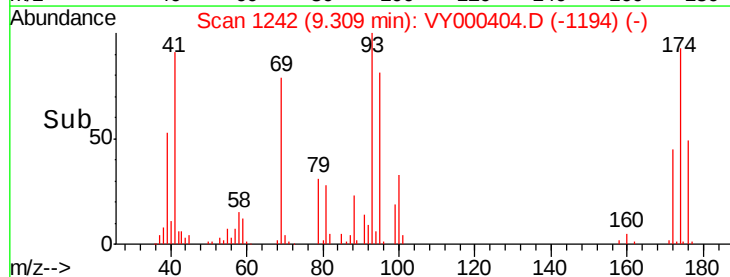
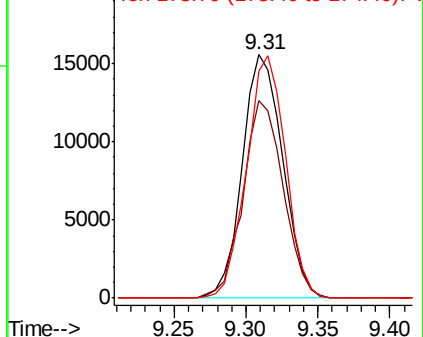
174 96.0 79.8 119.6

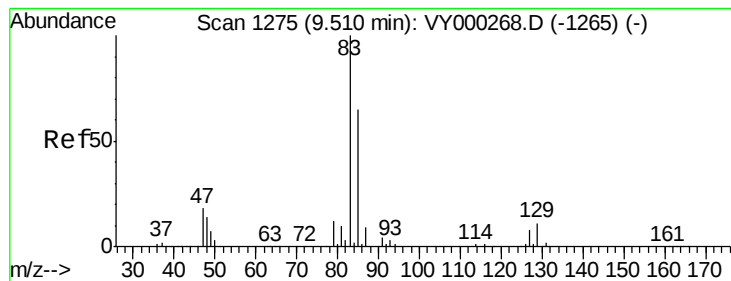


Abundance Ion 92.80 (92.50 to 93.50): VY0

Ion 94.80 (94.50 to 95.50): VY0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 22.090 ug/l

RT: 9.50 min Scan# 1274

Delta R.T. -0.01 min

Lab File: VY000404.D

Acq: 24 Oct 2019 13:09

Instrument :

MSVOA_Y

ClientSampleId :

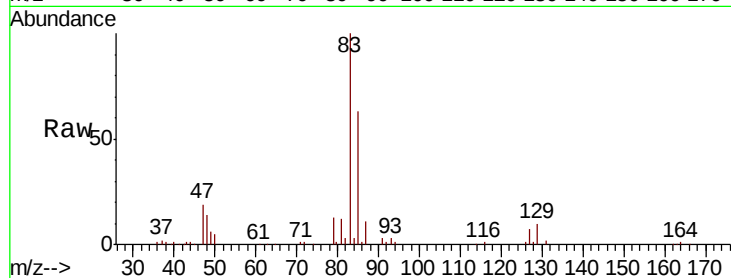
Tot Ion: 83 Resp: 73095

Ion Ratio Lower Upper

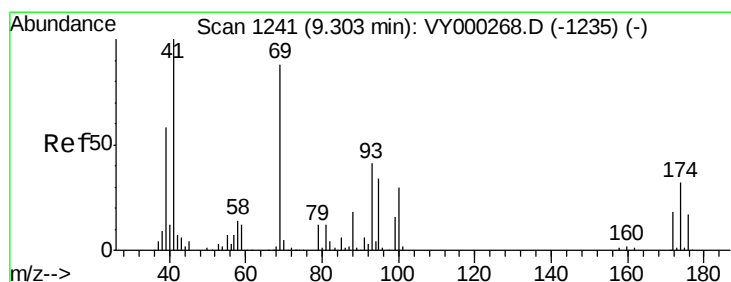
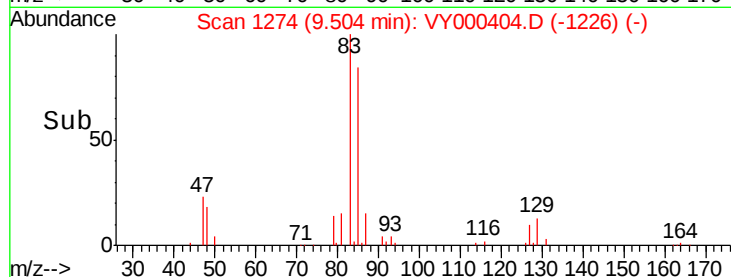
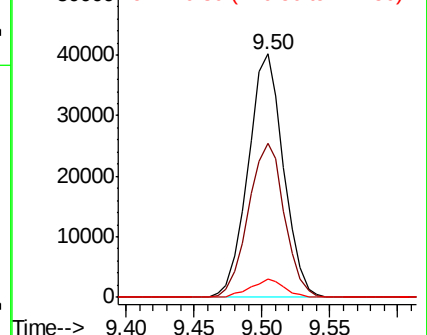
83 100

85 63.3 52.2 78.2

127 7.4 6.3 9.5



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: 20.432 ug/l

RT: 9.30 min Scan# 1241

Delta R.T. -0.00 min

Lab File: VY000404.D

Acq: 24 Oct 2019 13:09

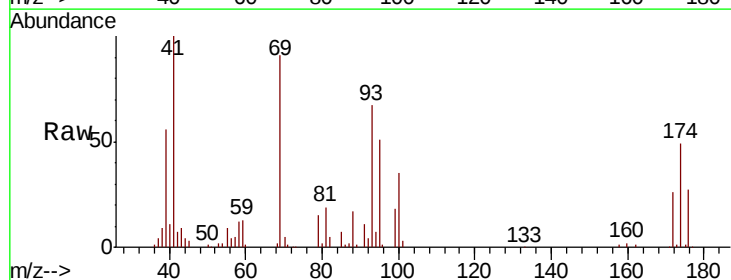
Tgt Ion: 41 Resp: 35704

Ion Ratio Lower Upper

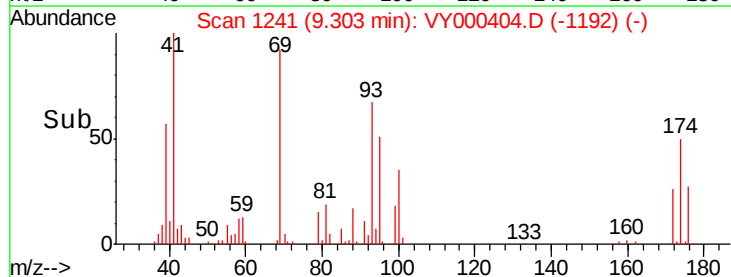
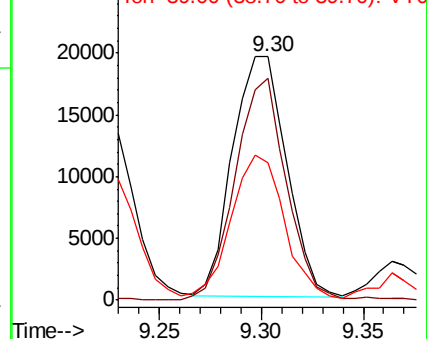
41 100

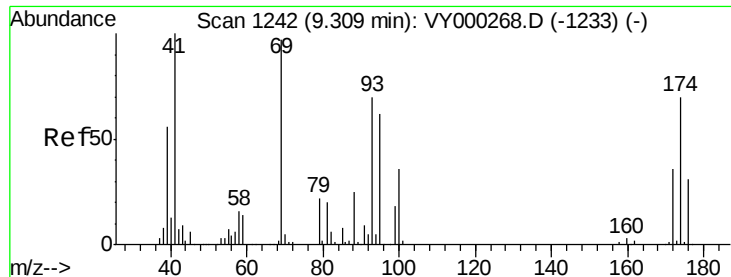
69 87.5 70.0 105.0

39 60.5 47.7 71.5



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

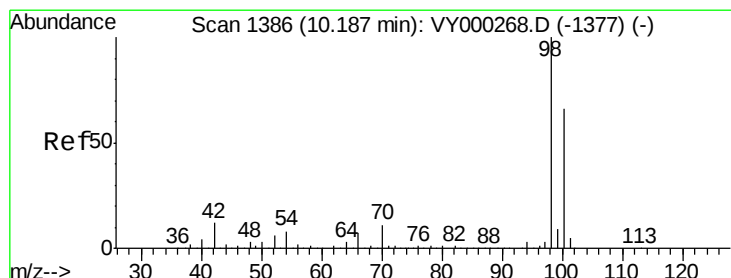
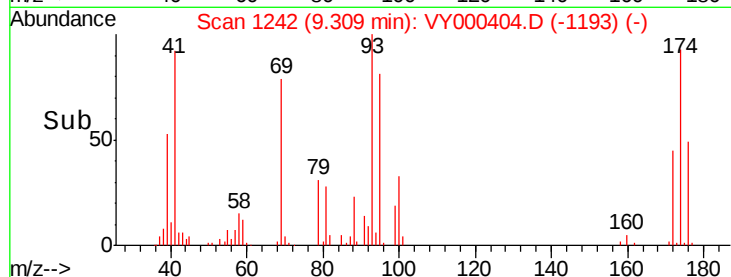
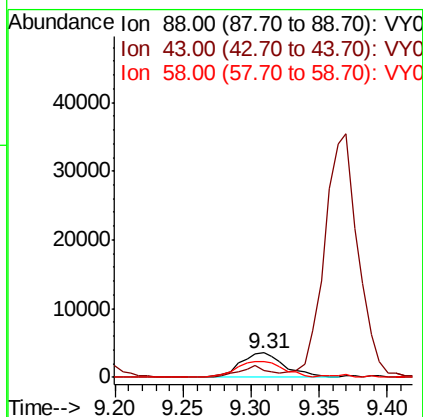
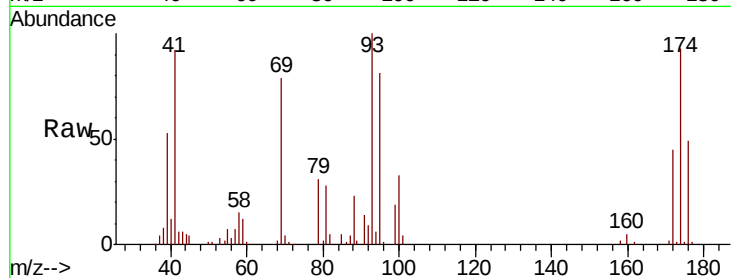




#49
 1,4-Dioxane
 Concen: 393.255 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.00 min
 Lab File: VY000404.D
 Acq: 24 Oct 2019 13:09

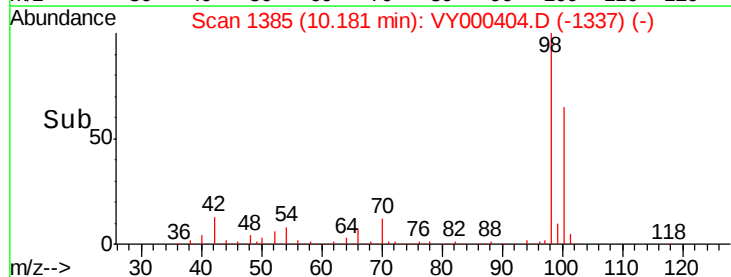
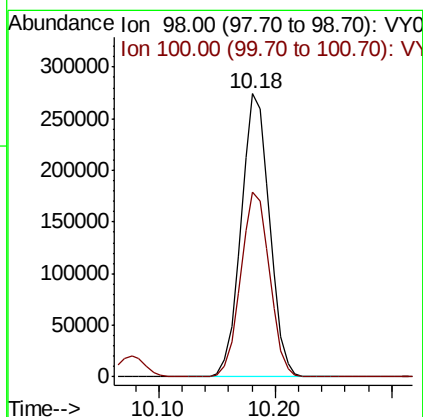
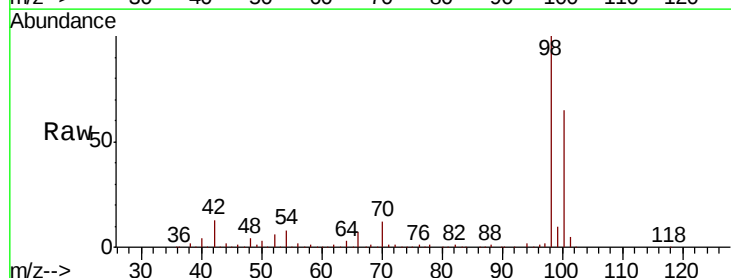
Instrument :
 MSVOA_Y
 ClientSampleId :

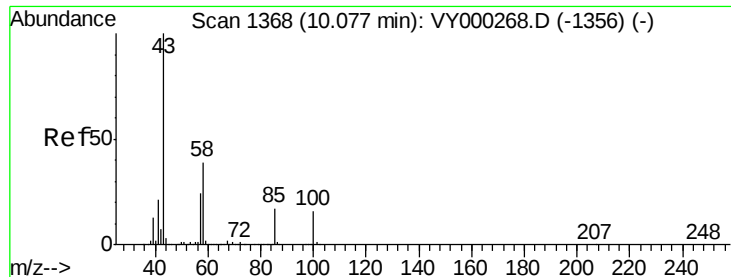
Tot Ion: 88 Resp: 8279
 Ion Ratio Lower Upper
 88 100
 43 31.3 25.6 38.4
 58 67.7 54.6 81.8



#50
 Toluene-d8
 Concen: 55.691 ug/l
 RT: 10.18 min Scan# 1385
 Delta R.T. -0.01 min
 Lab File: VY000404.D
 Acq: 24 Oct 2019 13:09

Tgt Ion: 98 Resp: 467458
 Ion Ratio Lower Upper
 98 100
 100 66.4 52.8 79.2





#51

4-Methyl-2-Pentanone

Concen: 106.198 ug/l

RT: 10.08 min Scan# 1368

Delta R.T. -0.00 min

Lab File: VY000404.D

Acq: 24 Oct 2019 13:09

Instrument :

MSVOA_Y

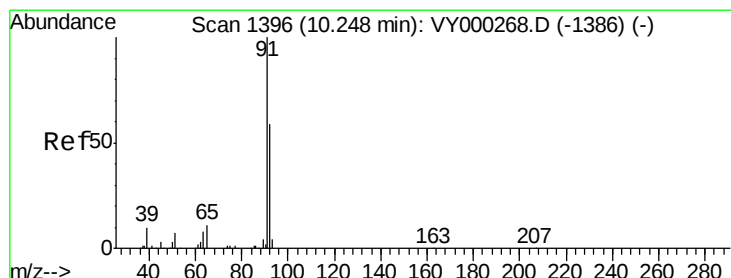
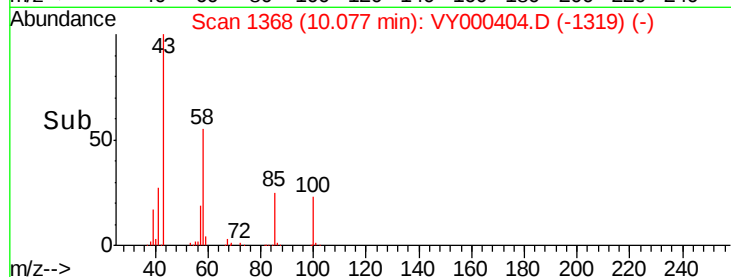
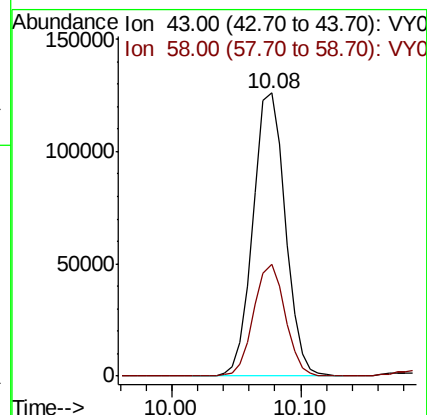
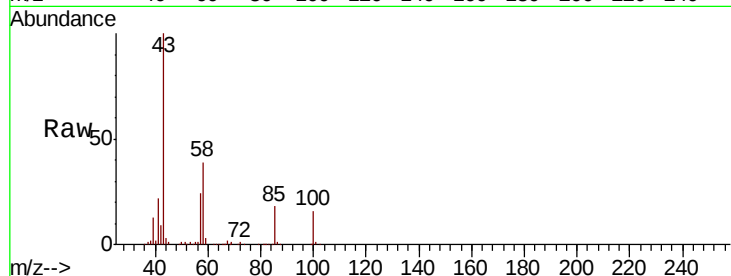
ClientSampleId :

Tot Ion: 43 Resp: 218407

Ion Ratio Lower Upper

43 100

58 38.7 31.0 46.6



#52

Toluene

Concen: 21.103 ug/l

RT: 10.25 min Scan# 1396

Delta R.T. -0.00 min

Lab File: VY000404.D

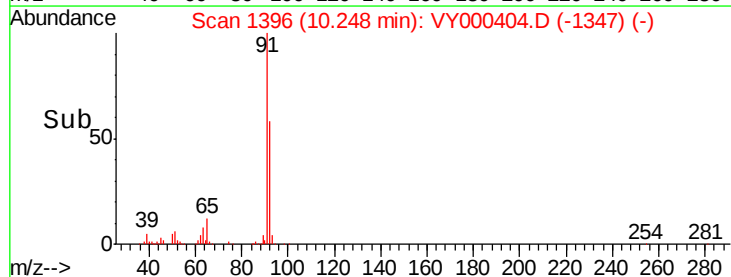
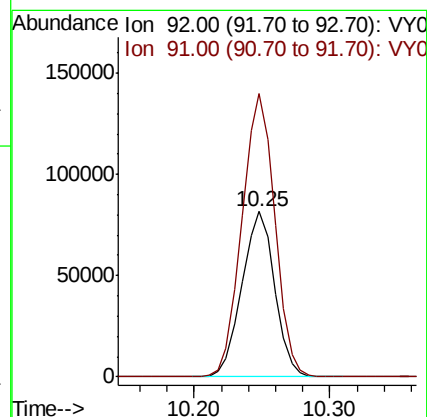
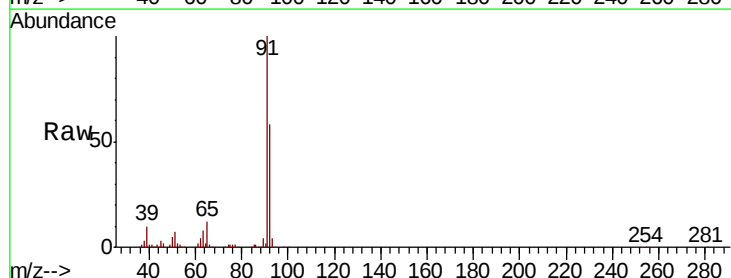
Acq: 24 Oct 2019 13:09

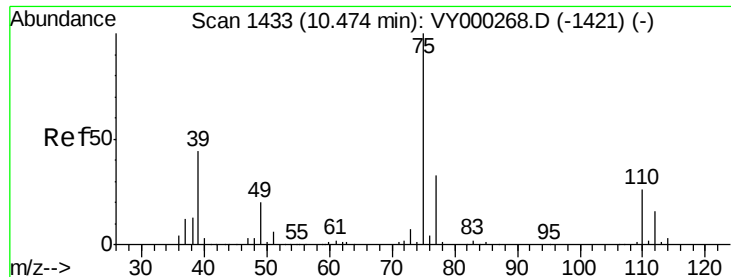
Tgt Ion: 92 Resp: 137131

Ion Ratio Lower Upper

92 100

91 171.7 136.6 205.0





#53

t-1,3-Dichloropropene

Concen: 20.915 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.01 min

Lab File: VY000404.D

Acq: 24 Oct 2019 13:09

Instrument :

MSVOA_Y

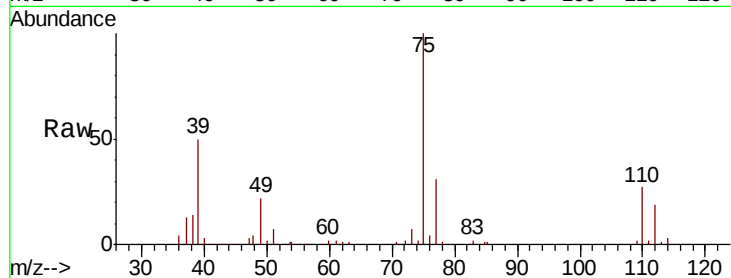
ClientSampled :

Tot Ion: 75 Resp: 74171

Ion Ratio Lower Upper

75 100

77 30.5 26.0 39.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

10.47

50000

40000

30000

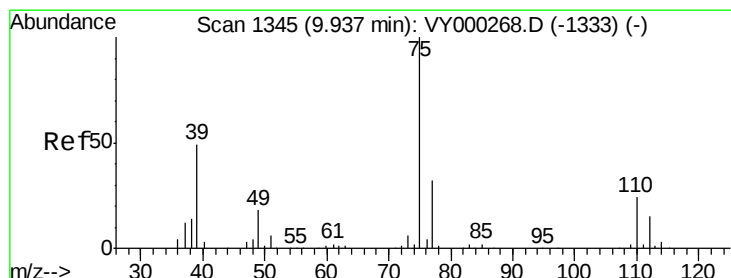
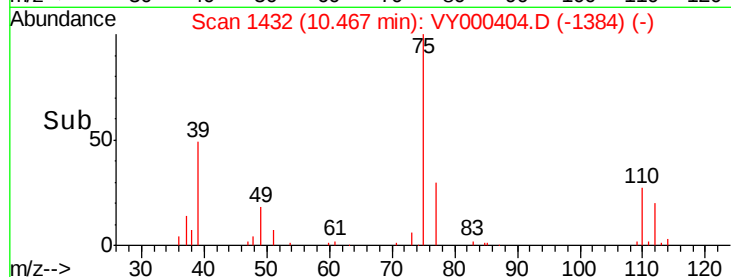
20000

10000

0

Time-->

10.40 10.45 10.50 10.55



#54

cis-1,3-Dichloropropene

Concen: 21.021 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. -0.01 min

Lab File: VY000404.D

Acq: 24 Oct 2019 13:09

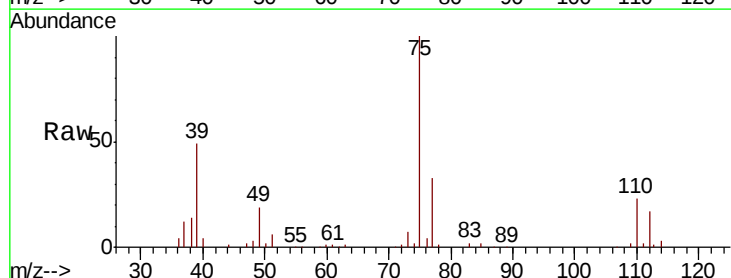
Tgt Ion: 75 Resp: 84657

Ion Ratio Lower Upper

75 100

77 33.2 26.0 39.0

39 48.6 38.8 58.2



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0

9.93

60000

50000

40000

30000

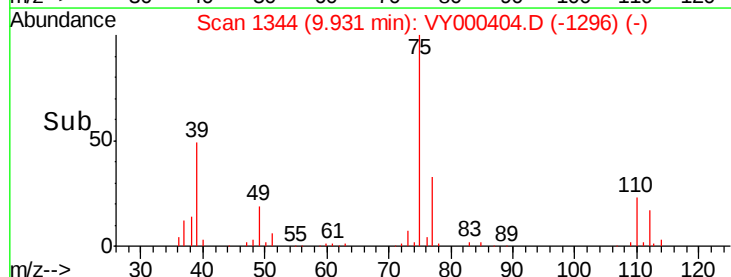
20000

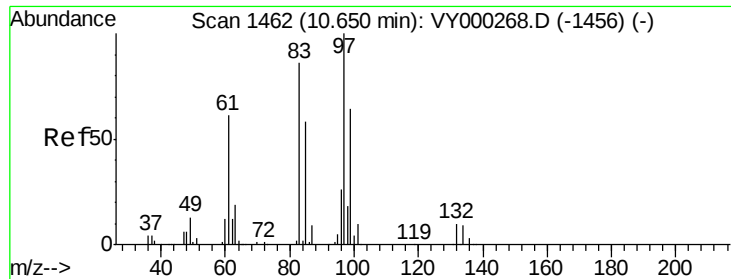
10000

0

Time-->

9.90 9.95 10.00



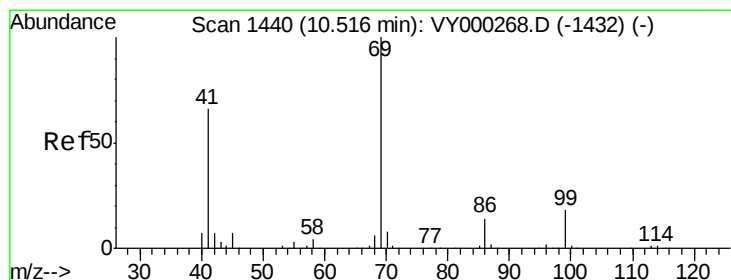
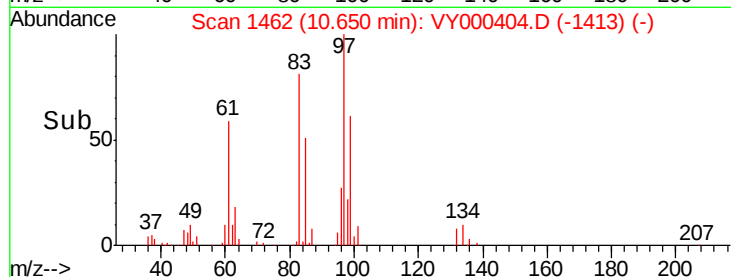
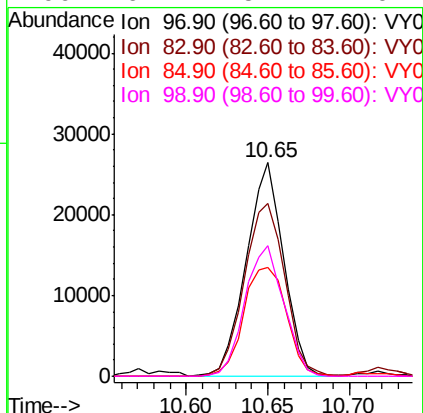
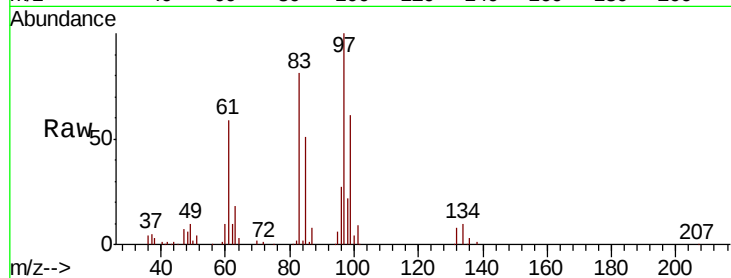


#55
 1,1,2-Trichloroethane
 Concen: 20.682 ug/l
 RT: 10.65 min Scan# 1462
 Delta R.T. -0.00 min
 Lab File: VY000404.D
 Acq: 24 Oct 2019 13:09

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion: 97 Resp: 42223

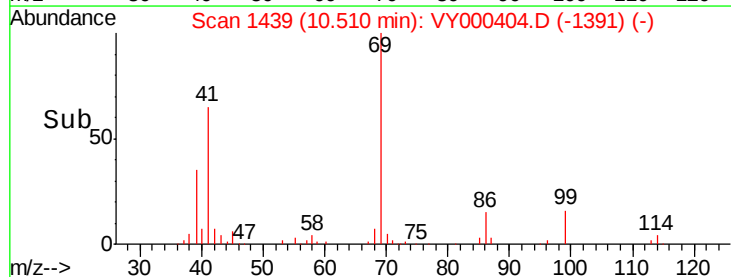
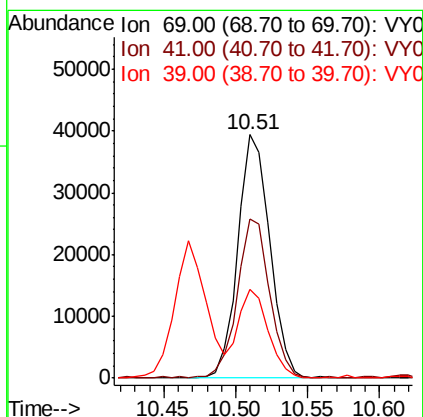
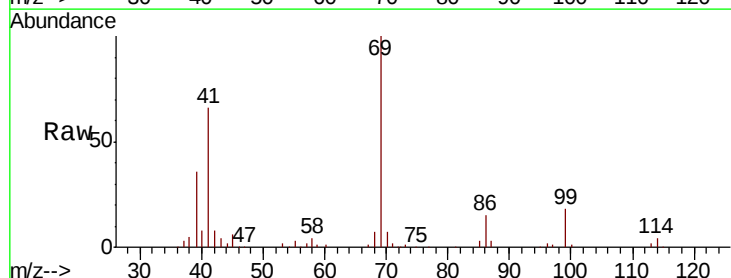
Ion	Ratio	Lower	Upper
97	100		
83	80.9	69.0	103.6
85	51.2	46.2	69.4
99	61.2	51.1	76.7

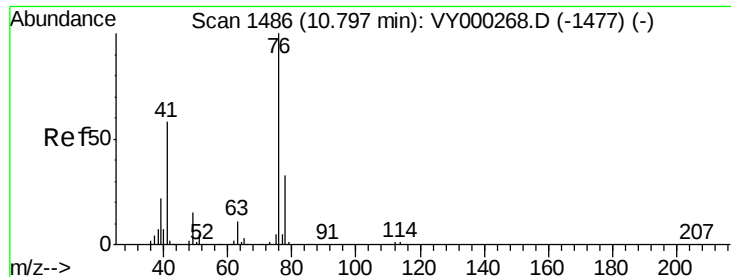


#56
 Ethyl methacrylate
 Concen: 20.852 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: VY000404.D
 Acq: 24 Oct 2019 13:09

Tgt Ion: 69 Resp: 60675

Ion	Ratio	Lower	Upper
69	100		
41	65.9	52.5	78.7
39	34.7	26.7	40.1





#57

1,3-Dichloropropane

Concen: 22.078 ug/l

RT: 10.80 min Scan# 1486

Delta R.T. -0.00 min

Lab File: VY000404.D

Acq: 24 Oct 2019 13:09

Instrument :

MSVOA_Y

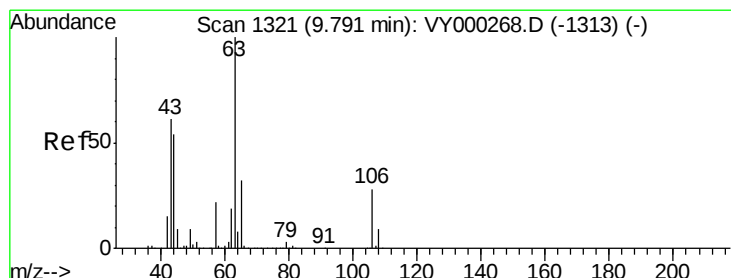
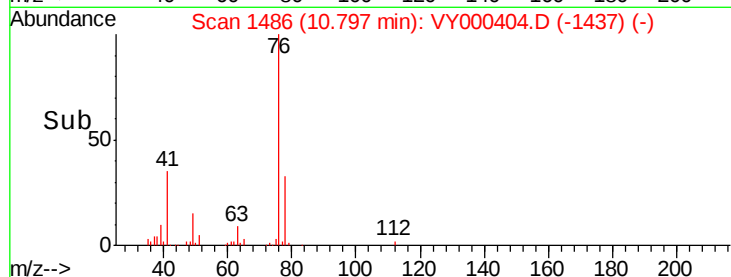
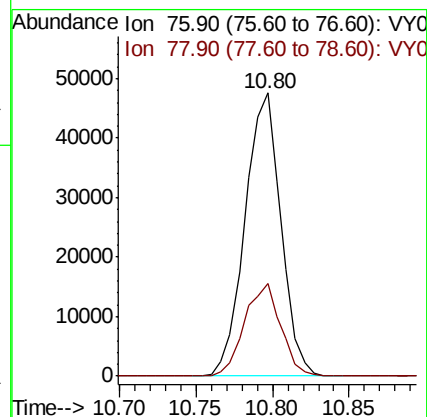
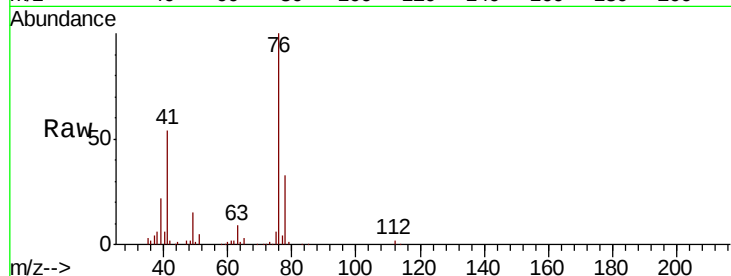
ClientSampled :

Tot Ion: 76 Resp: 77407

Ion Ratio Lower Upper

76 100

78 33.0 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 128.698 ug/l

RT: 9.79 min Scan# 1321

Delta R.T. -0.00 min

Lab File: VY000404.D

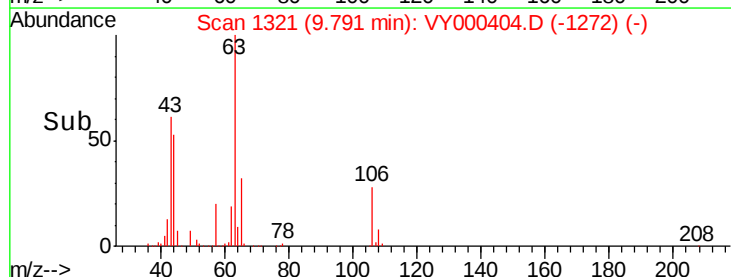
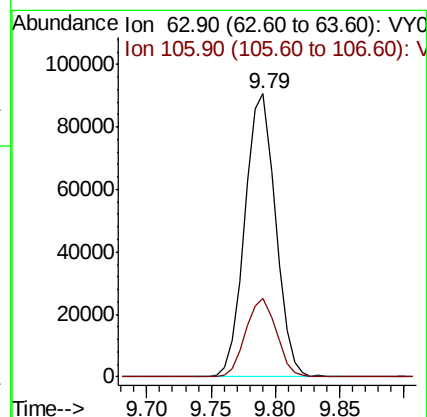
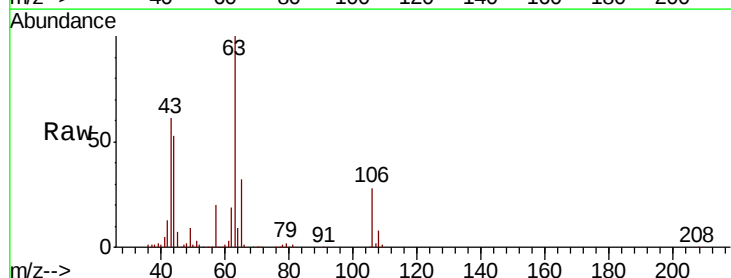
Acq: 24 Oct 2019 13:09

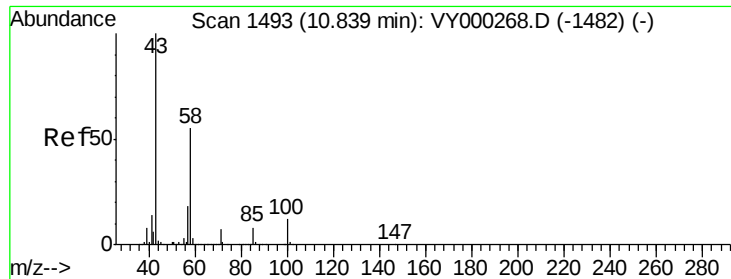
Tgt Ion: 63 Resp: 149373

Ion Ratio Lower Upper

63 100

106 27.8 23.0 34.4

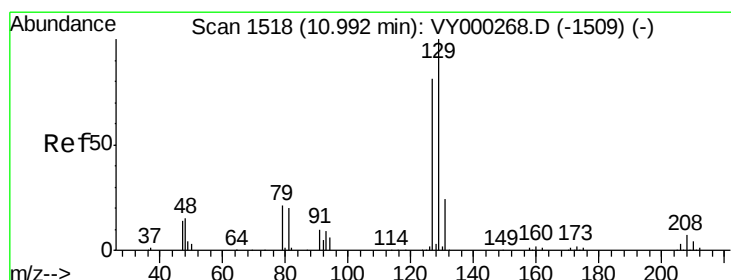
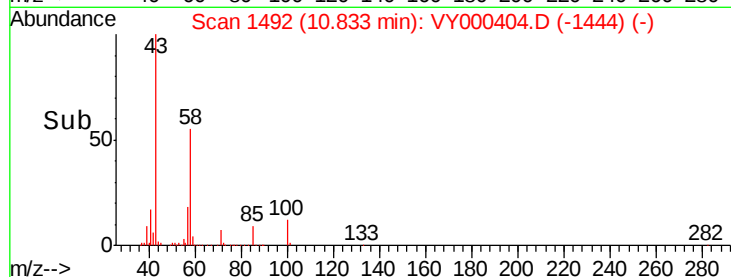
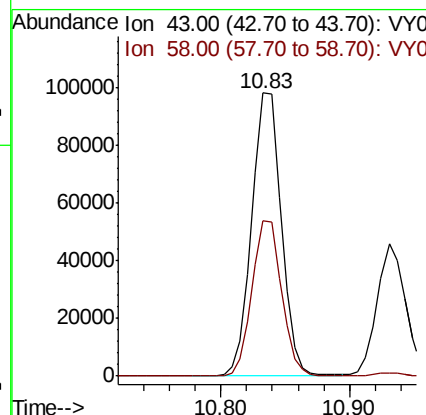
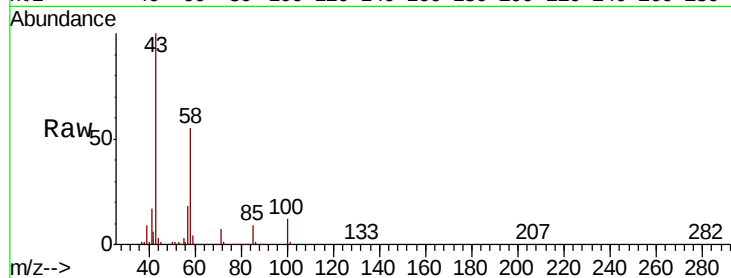




#59
2-Hexanone
Concen: 107.805 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.01 min
Lab File: VY000404.D
Acq: 24 Oct 2019 13:09

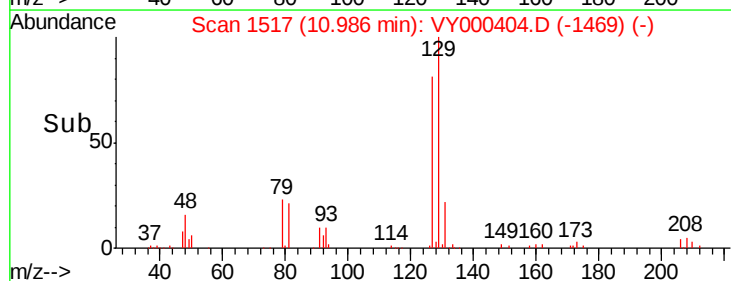
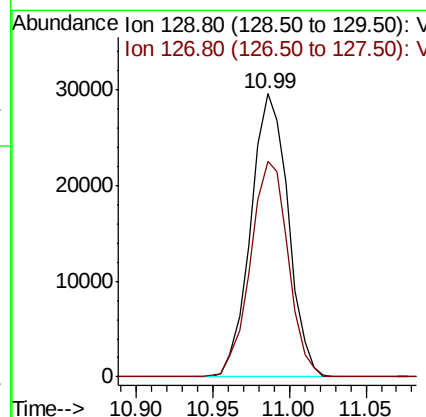
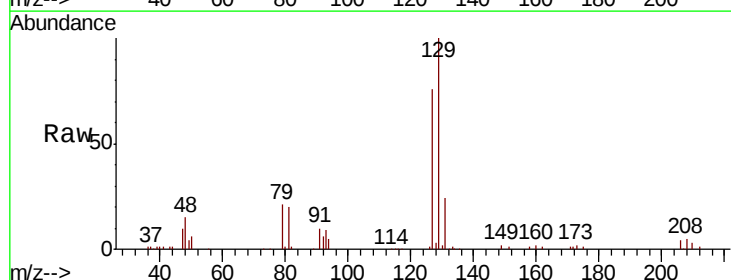
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 43 Resp: 155623
Ion Ratio Lower Upper
43 100
58 54.9 27.7 83.1



#60
Dibromochloromethane
Concen: 22.288 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.01 min
Lab File: VY000404.D
Acq: 24 Oct 2019 13:09

Tgt Ion: 129 Resp: 50431
Ion Ratio Lower Upper
129 100
127 76.8 39.9 119.7





#61

1,2-Dibromoethane

Concen: 21.421 ug/l

RT: 11.09 min Scan# 1534

Delta R.T. -0.01 min

Lab File: VY000404.D

Acq: 24 Oct 2019 13:09

Instrument :

MSVOA_Y

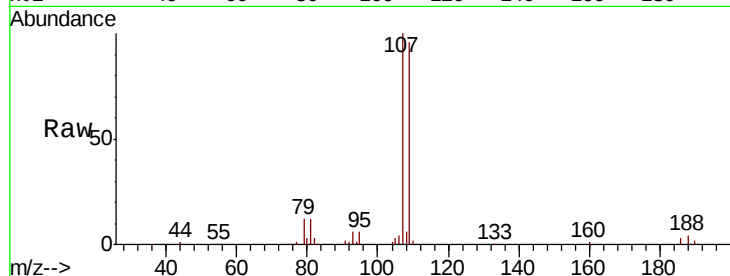
ClientSampled :

Tot Ion:107 Resp: 41989

Ion Ratio Lower Upper

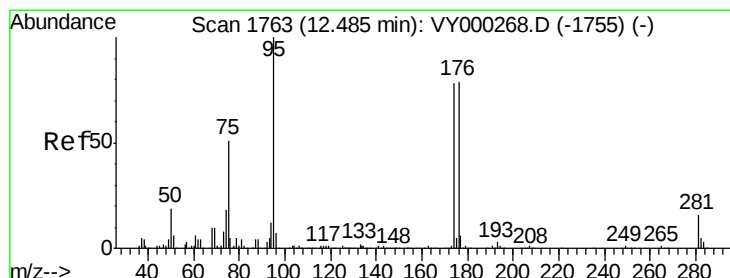
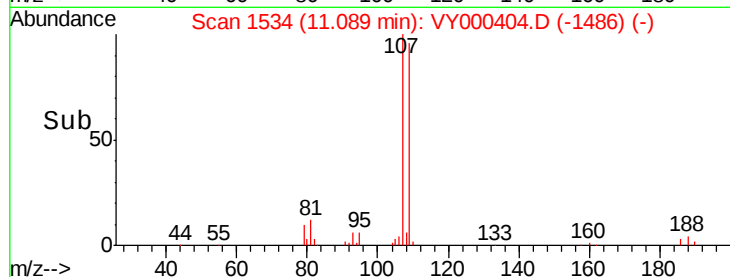
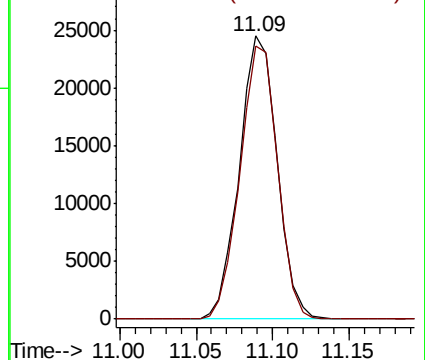
107 100

109 95.7 75.1 112.7



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 51.926 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.01 min

Lab File: VY000404.D

Acq: 24 Oct 2019 13:09

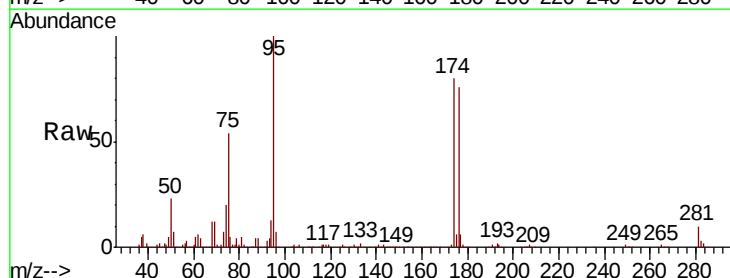
Tgt Ion: 95 Resp: 165586

Ion Ratio Lower Upper

95 100

174 83.3 0.0 159.6

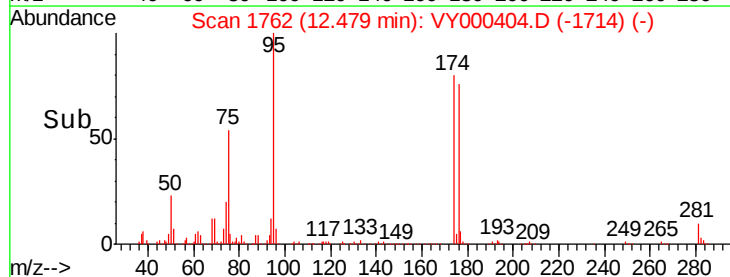
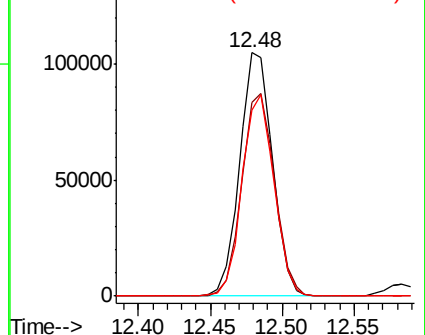
176 80.6 0.0 153.8

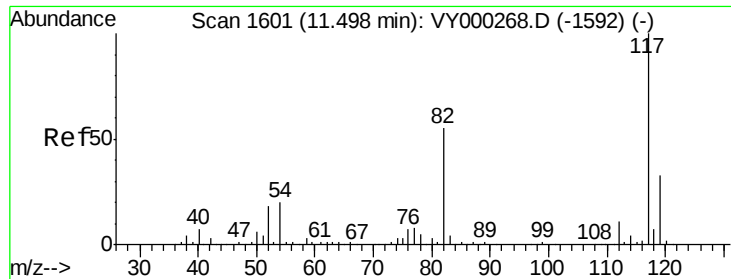


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

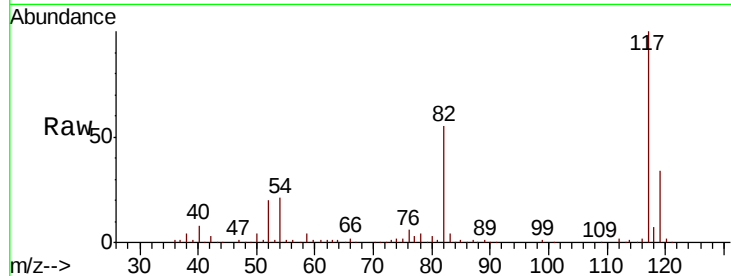




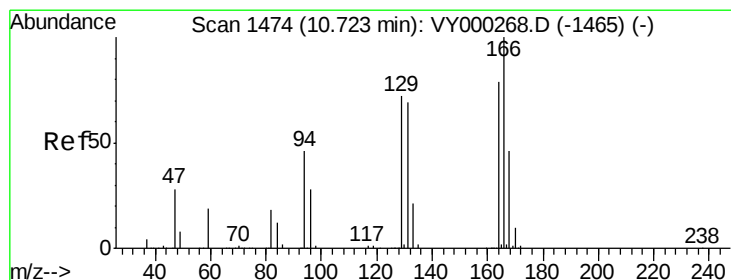
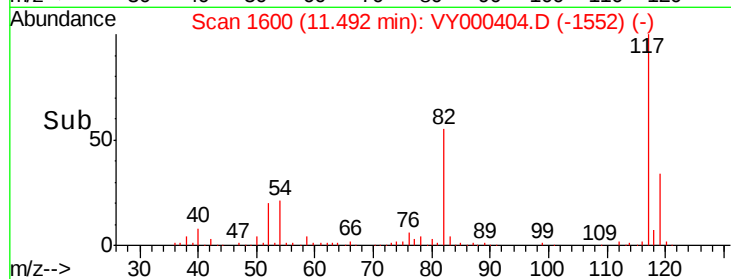
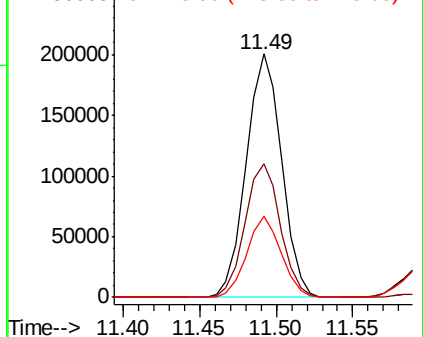
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY000404.D
Acq: 24 Oct 2019 13:09

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:117 Resp: 323028
Ion Ratio Lower Upper
117 100
82 55.1 43.7 65.5
119 33.5 26.6 39.8

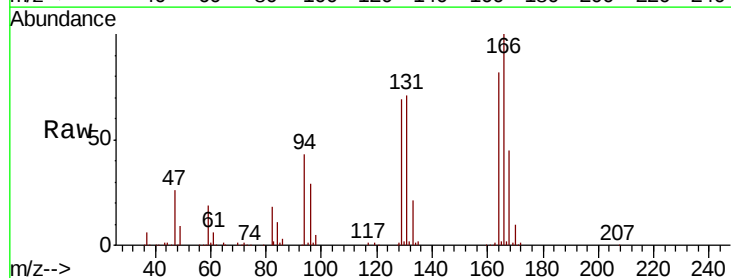


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

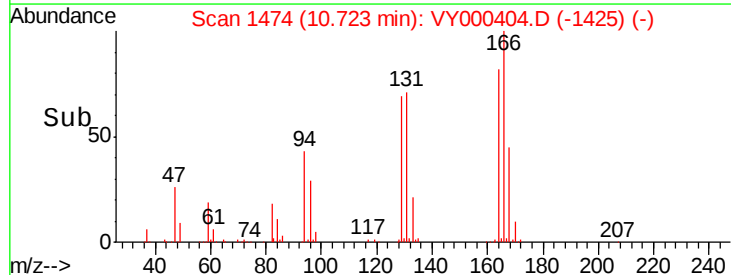
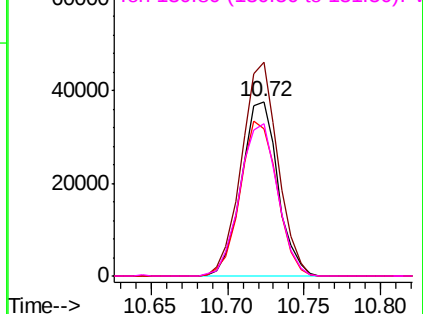


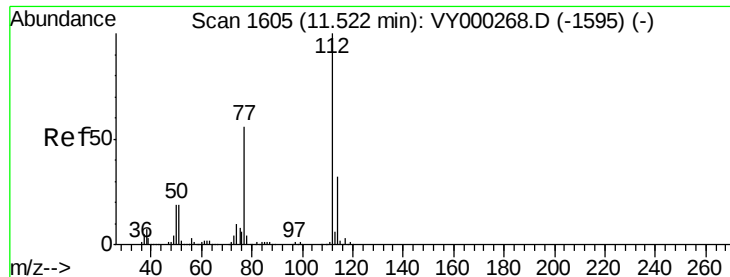
#64
Tetrachloroethene
Concen: 20.266 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VY000404.D
Acq: 24 Oct 2019 13:09

Tgt Ion:164 Resp: 62322
Ion Ratio Lower Upper
164 100
166 122.4 100.6 151.0
129 84.4 72.8 109.2
131 87.1 69.4 104.2



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

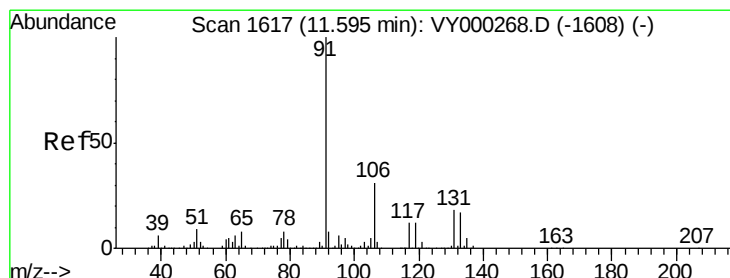
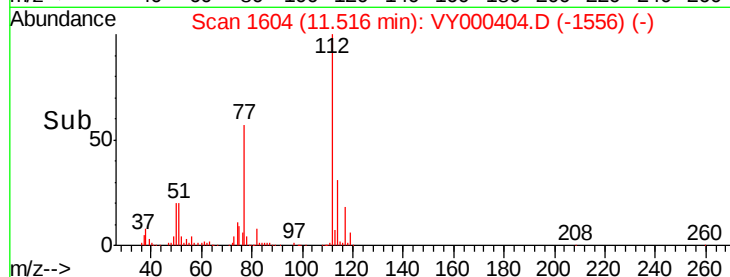
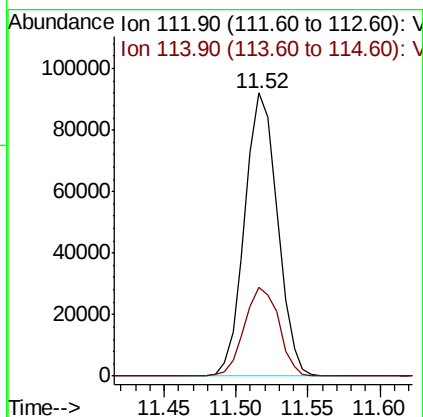
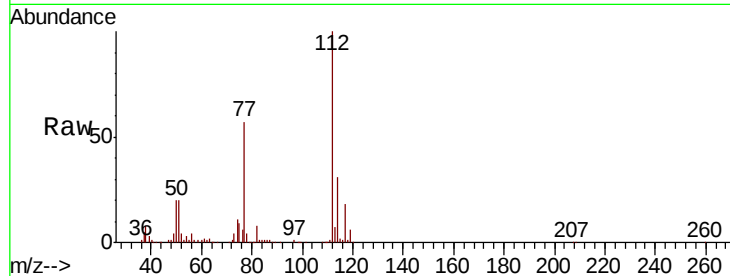




#65
Chlorobenzene
Concen: 21.282 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.01 min
Lab File: VY000404.D
Acq: 24 Oct 2019 13:09

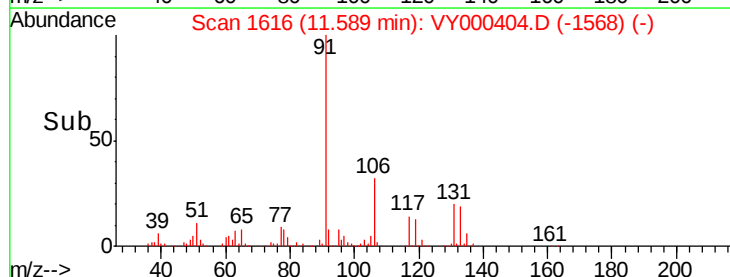
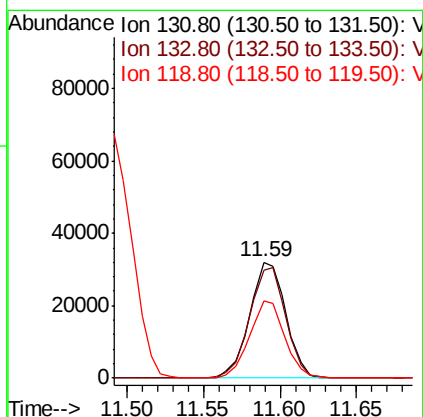
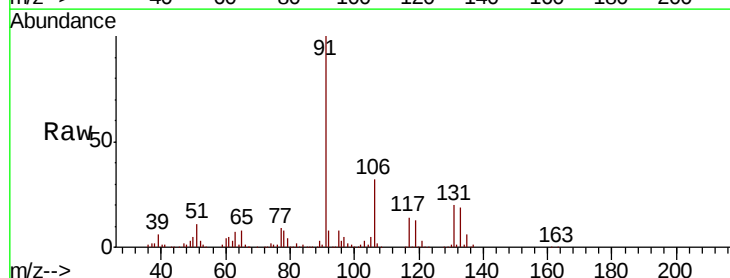
Instrument :
MSVOA_Y
ClientSampleId :

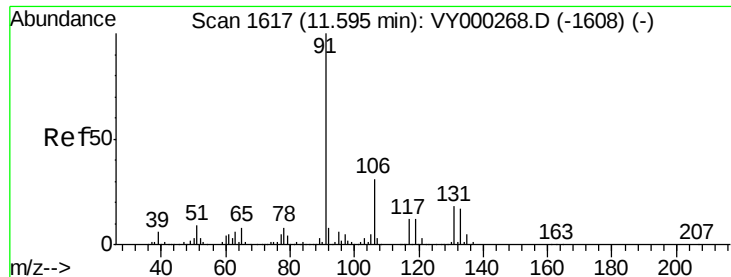
Tot Ion:112 Resp: 145083
Ion Ratio Lower Upper
112 100
114 31.2 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 21.935 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.01 min
Lab File: VY000404.D
Acq: 24 Oct 2019 13:09

Tgt Ion:131 Resp: 52530
Ion Ratio Lower Upper
131 100
133 95.8 47.2 141.6
119 65.2 32.6 98.0

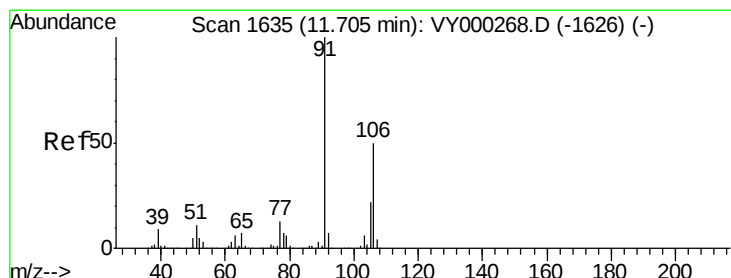
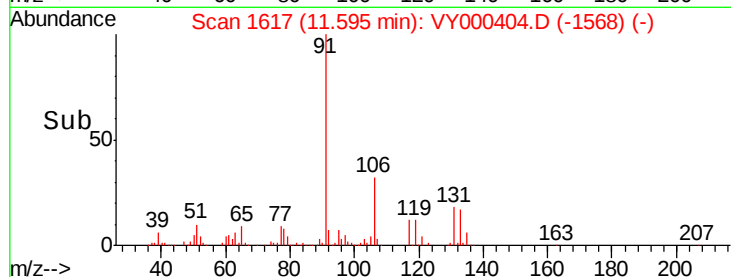
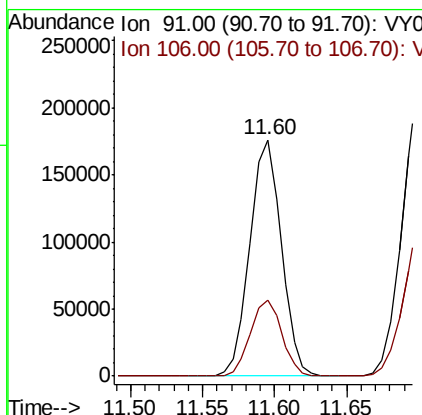
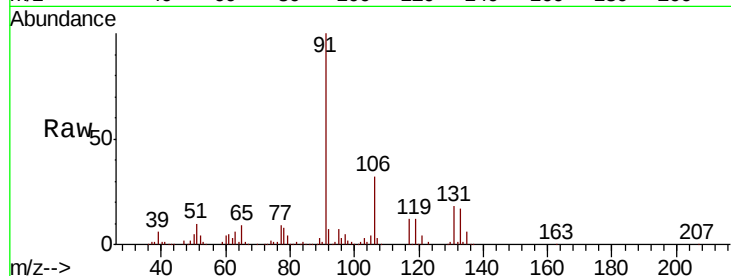




#67
Ethyl Benzene
Concen: 21.072 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. -0.00 min
Lab File: VY000404.D
Acq: 24 Oct 2019 13:09

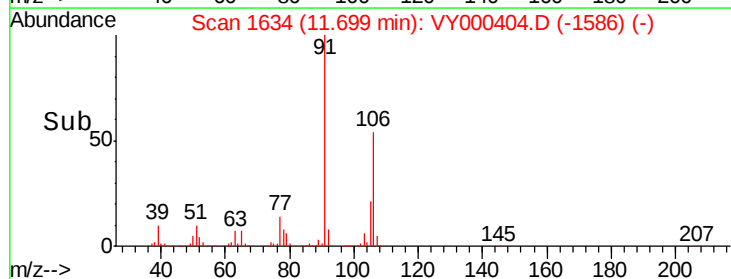
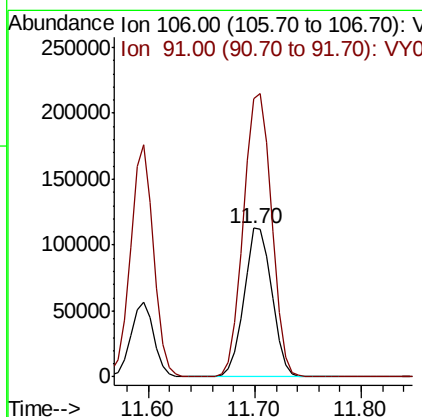
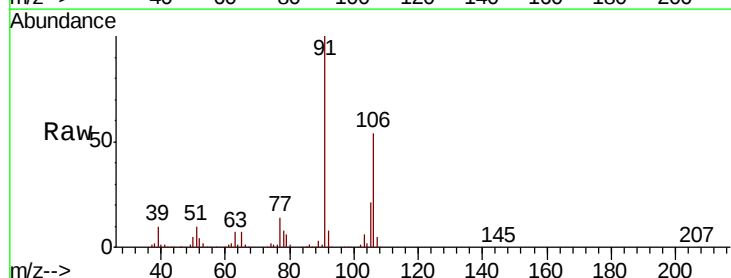
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 91 Resp: 266300
Ion Ratio Lower Upper
91 100
106 32.4 25.0 37.6



#68
m/p-Xylenes
Concen: 42.889 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. -0.01 min
Lab File: VY000404.D
Acq: 24 Oct 2019 13:09

Tgt Ion: 106 Resp: 207205
Ion Ratio Lower Upper
106 100
91 194.1 157.5 236.3

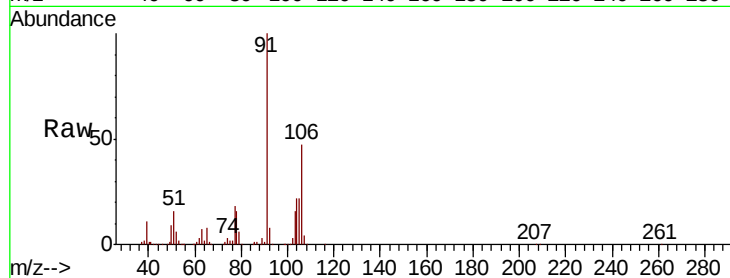




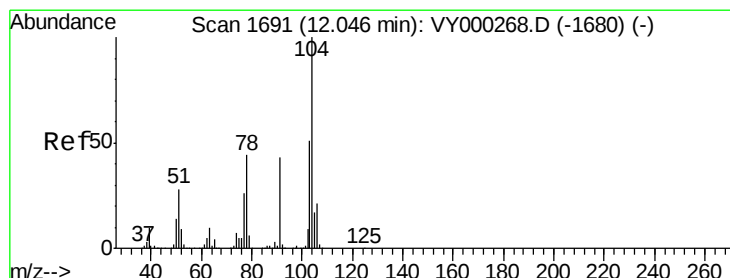
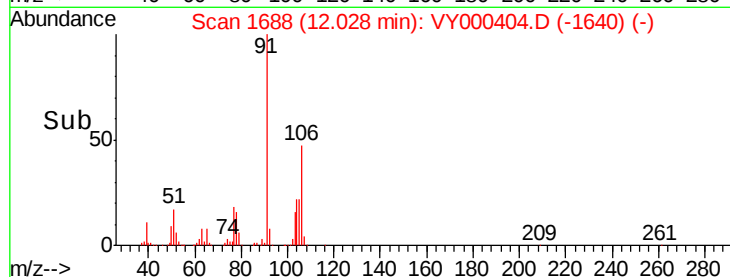
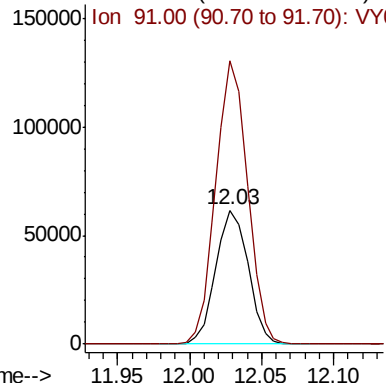
#69
o-Xylene
Concen: 20.921 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.01 min
Lab File: VY000404.D
Acq: 24 Oct 2019 13:09

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:106 Resp: 96422
Ion Ratio Lower Upper
106 100
91 207.2 104.7 313.9

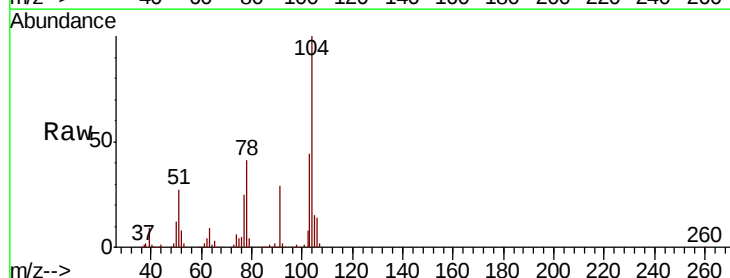


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VY0

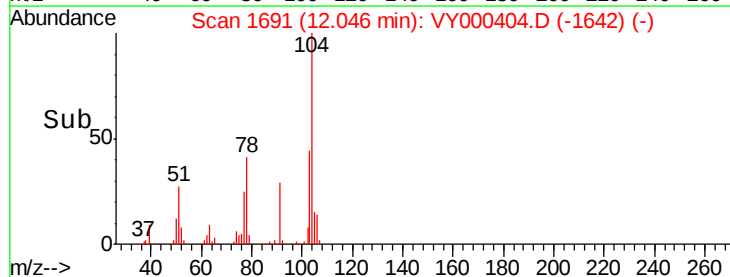
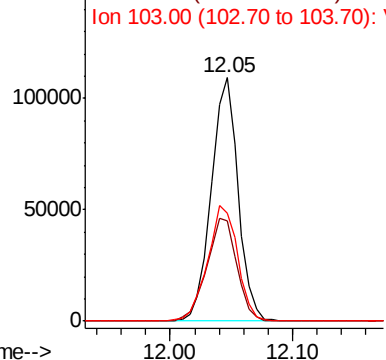


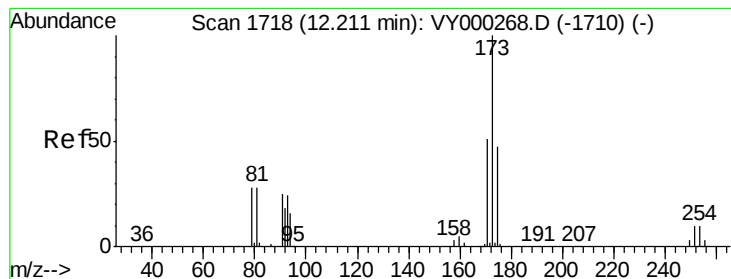
#70
Styrene
Concen: 21.314 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. -0.00 min
Lab File: VY000404.D
Acq: 24 Oct 2019 13:09

Tgt Ion:104 Resp: 165666
Ion Ratio Lower Upper
104 100
78 47.4 39.0 58.6
103 53.2 43.1 64.7



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





#71

Bromoform

Concen: 21.551 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. -0.01 min

Lab File: VY000404.D

Acq: 24 Oct 2019 13:09

Instrument :

MSVOA_Y

ClientSampleId :

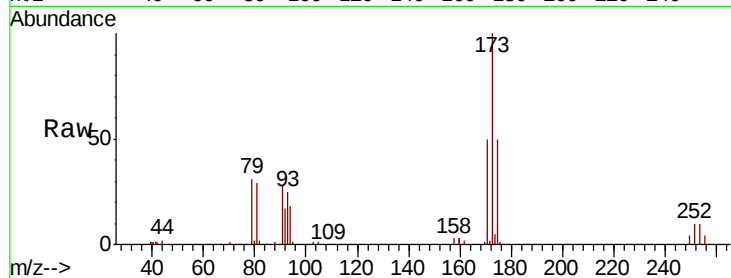
Tot Ion:173 Resp: 29668

Ion Ratio Lower Upper

173 100

175 46.8 24.6 73.6

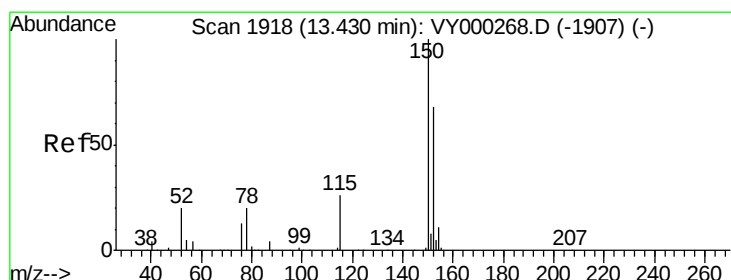
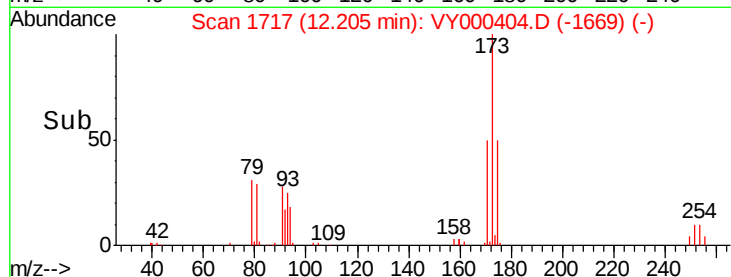
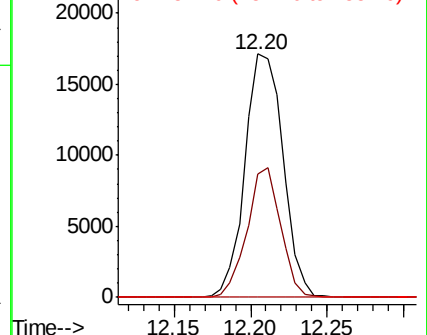
254 0.0 0.1 0.1#



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. -0.01 min

Lab File: VY000404.D

Acq: 24 Oct 2019 13:09

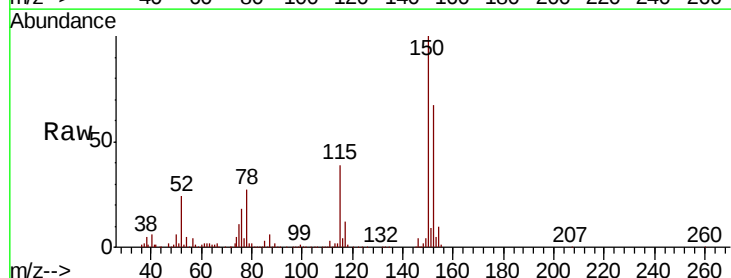
Tgt Ion:152 Resp: 163283

Ion Ratio Lower Upper

152 100

115 59.2 29.3 88.0

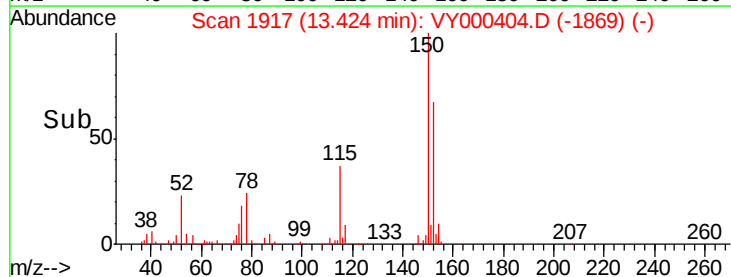
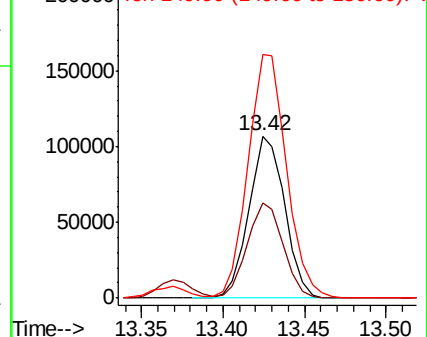
150 161.6 0.0 348.4

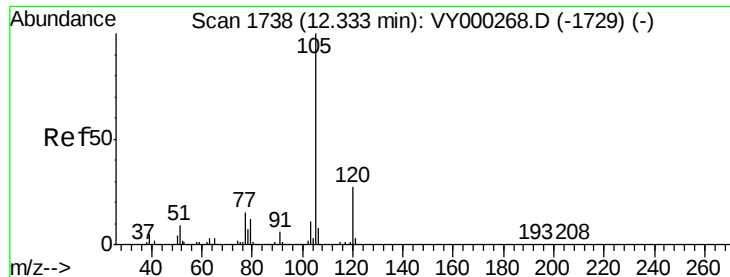


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.305 ug/l

RT: 12.33 min Scan# 1738

Delta R.T. -0.00 min

Lab File: VY000404.D

Acq: 24 Oct 2019 13:09

Instrument :

MSVOA_Y

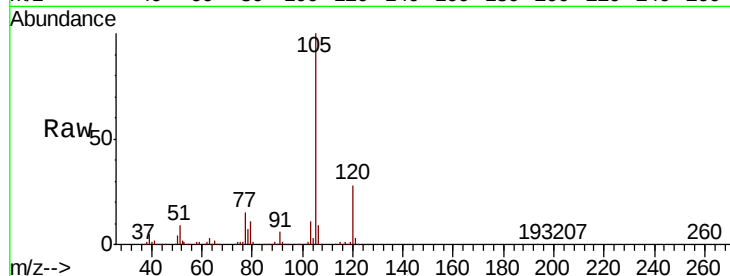
ClientSampleId :

Tot Ion:105 Resp: 258520

Ion Ratio Lower Upper

105 100

120 27.2 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.33

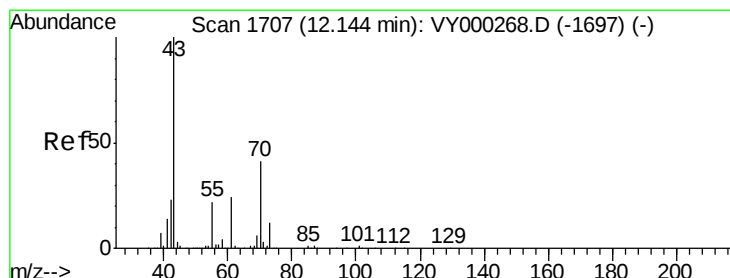
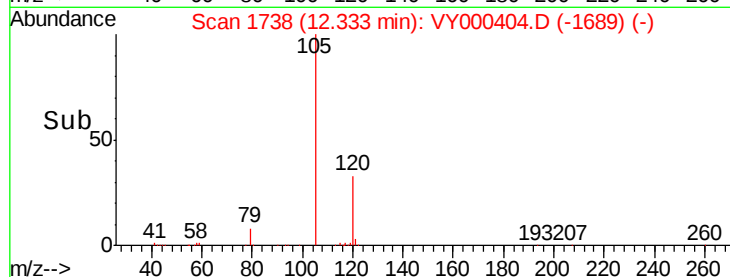
150000

100000

50000

0

Time-->



#74

N-ethyl acetate

Concen: 22.930 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VY000404.D

Acq: 24 Oct 2019 13:09

Tgt Ion: 43 Resp: 71671

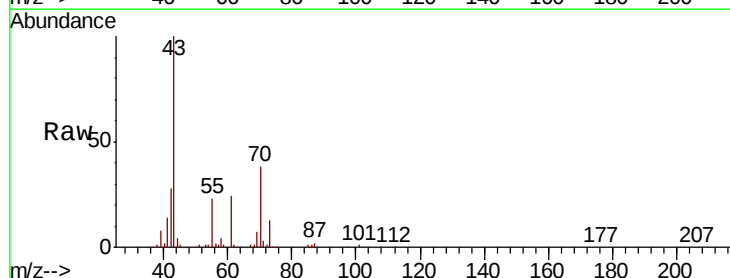
Ion Ratio Lower Upper

43 100

70 40.1 32.9 49.3

55 23.4 17.8 26.6

61 22.9 19.5 29.3



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0

12.14

80000

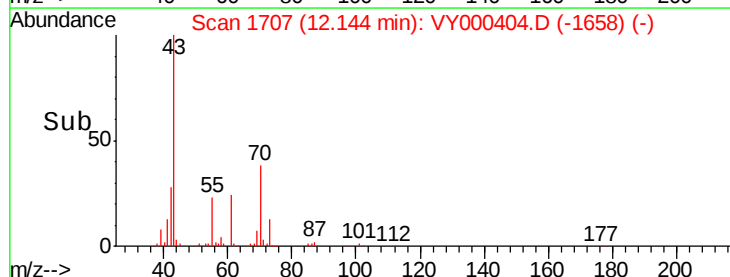
60000

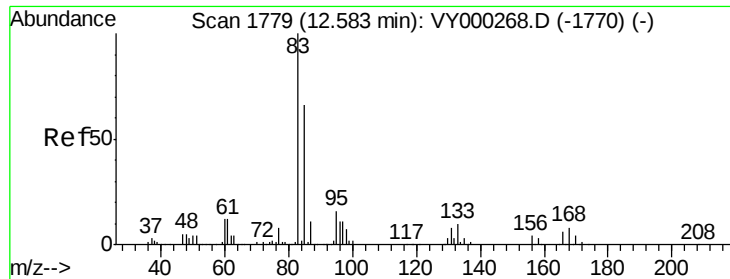
40000

20000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 21.543 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY000404.D

Acq: 24 Oct 2019 13:09

Instrument :

MSVOA_Y

ClientSampleId :

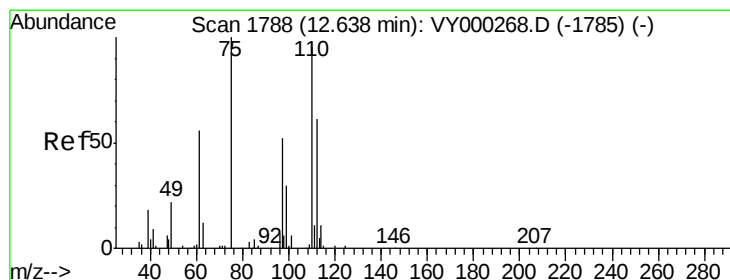
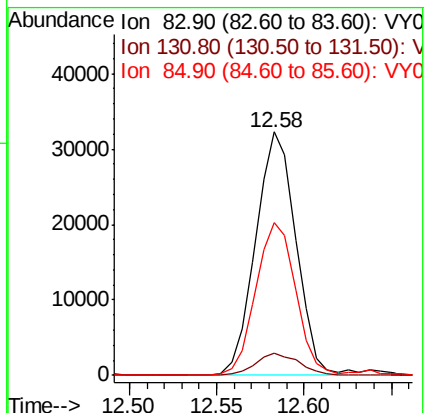
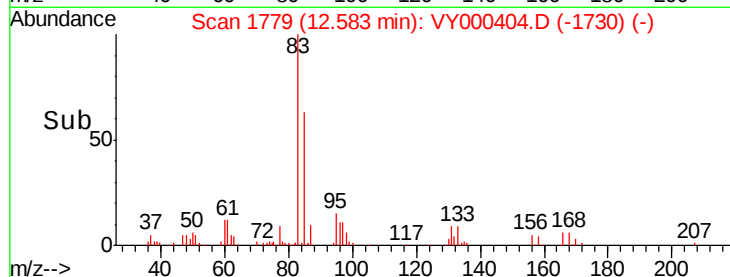
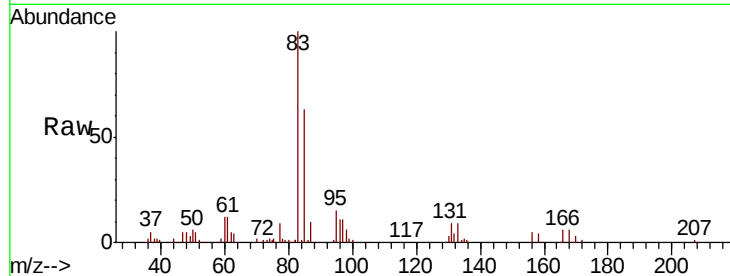
Tot Ion: 83 Resp: 51498

Ion Ratio Lower Upper

83 100

131 10.1 5.3 16.1

85 62.2 32.9 98.7



#76

1,2,3-Trichloropropane

Concen: 35.154 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. -0.01 min

Lab File: VY000404.D

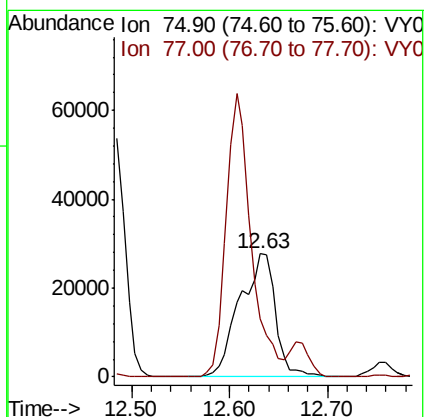
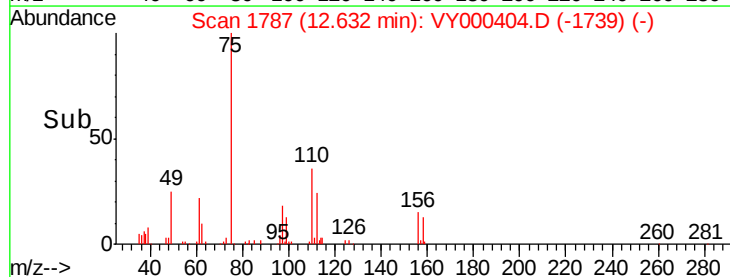
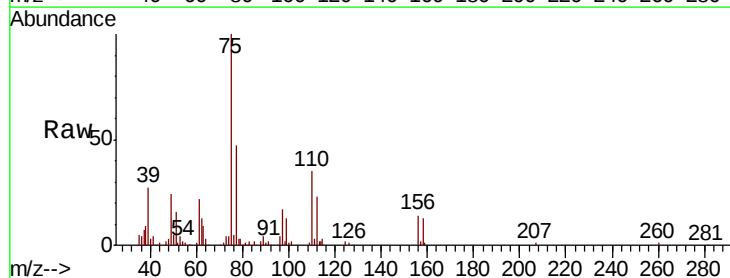
Acq: 24 Oct 2019 13:09

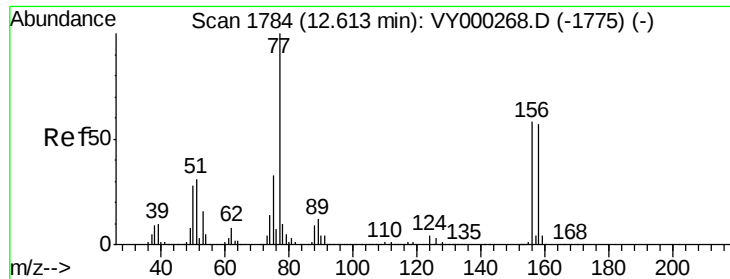
Tgt Ion: 75 Resp: 70582

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 21.091 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.01 min

Lab File: VY000404.D

Acq: 24 Oct 2019 13:09

Instrument :

MSVOA_Y

ClientSampleId :

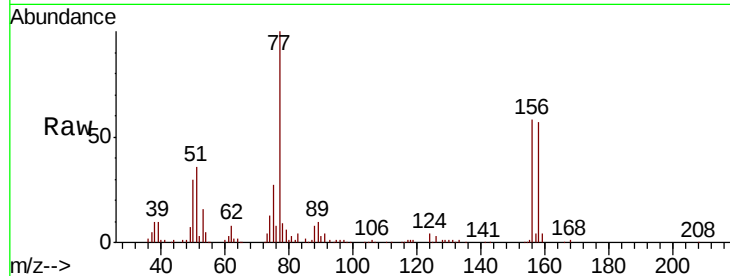
Tot Ion:156 Resp: 59753

Ion Ratio Lower Upper

156 100

77 191.6 101.0 302.9

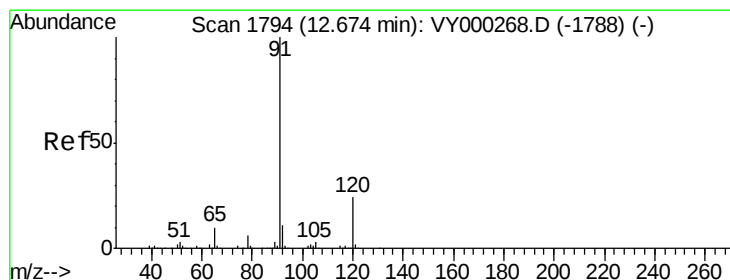
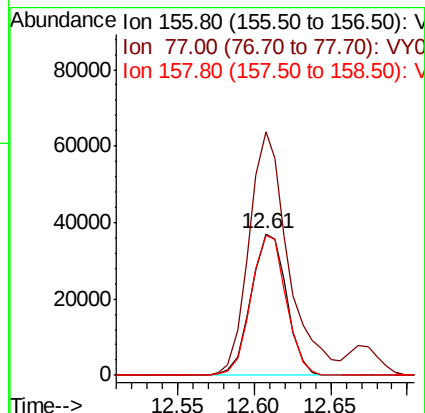
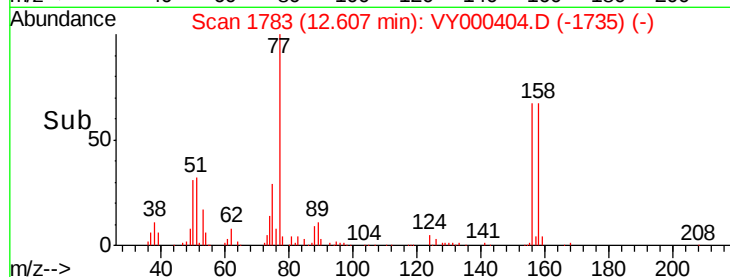
158 97.4 49.7 149.1



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: 20.424 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. -0.00 min

Lab File: VY000404.D

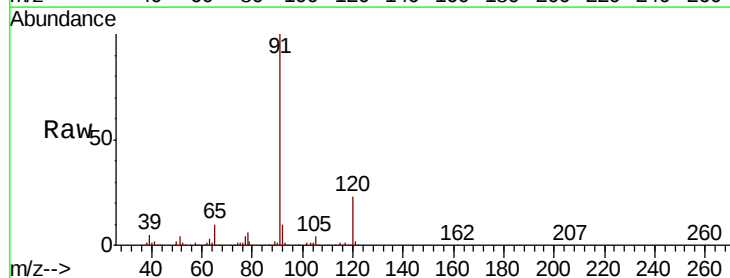
Acq: 24 Oct 2019 13:09

Tgt Ion: 91 Resp: 312205

Ion Ratio Lower Upper

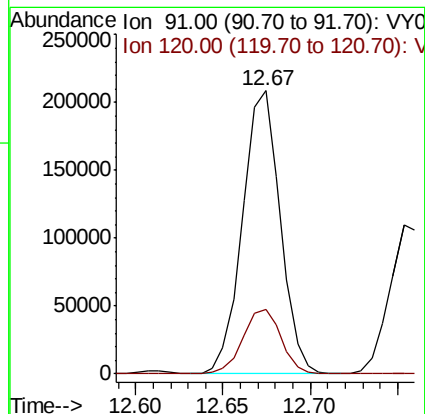
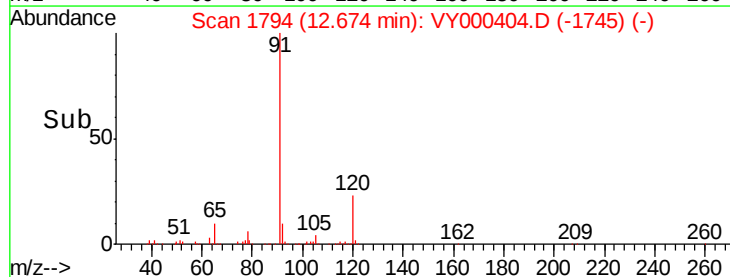
91 100

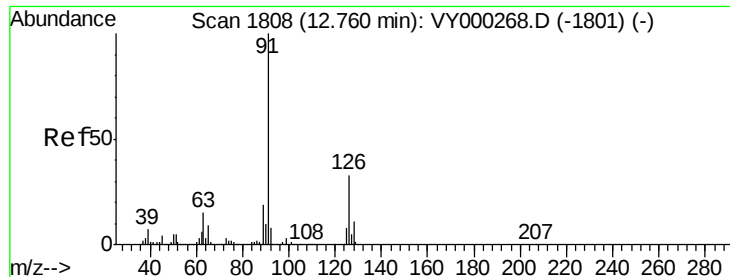
120 23.2 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

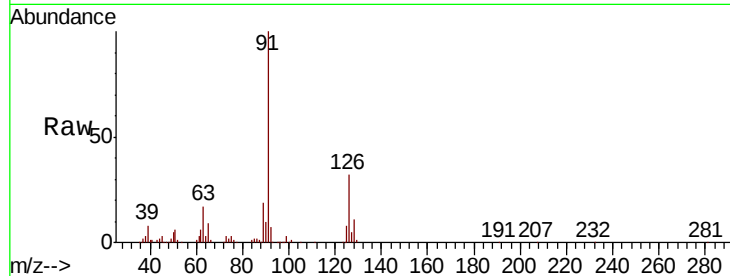




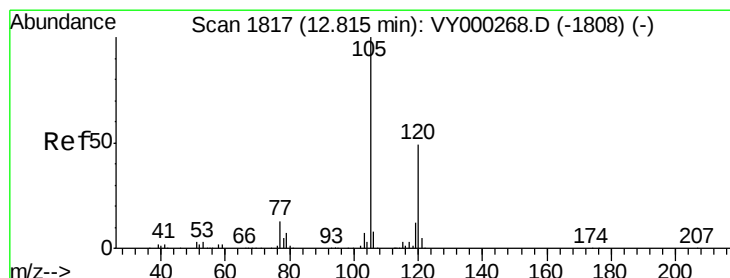
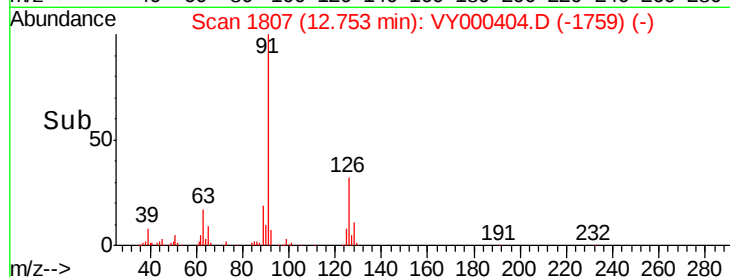
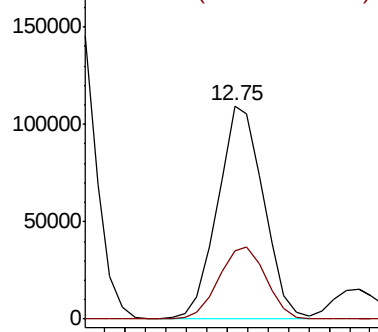
#79
 2-Chlorotoluene
 Concen: 20.272 ug/l
 RT: 12.75 min Scan# 1807
 Delta R.T. -0.01 min
 Lab File: VY000404.D
 Acq: 24 Oct 2019 13:09

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion: 91 Resp: 171135
 Ion Ratio Lower Upper
 91 100
 126 34.8 17.1 51.3

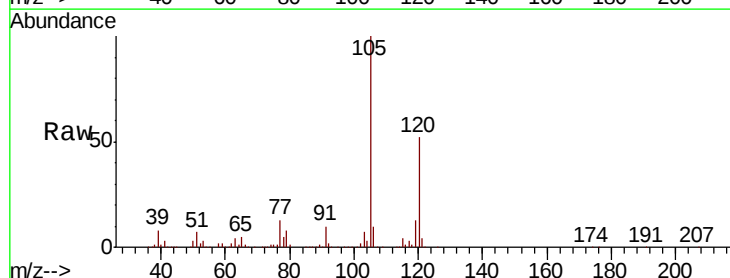


Abundance Ion 91.00 (90.70 to 91.70): VY000404.D (-1759) (-)
 Ion 125.90 (125.60 to 126.60): VY000404.D (-1759) (-)

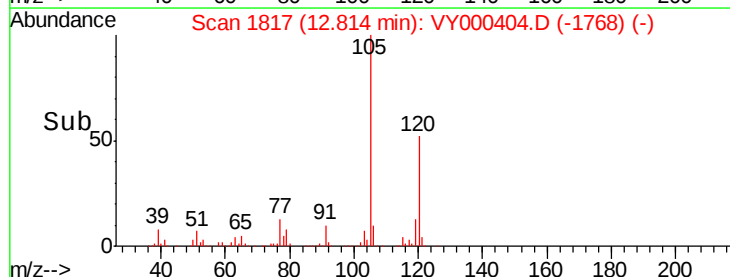
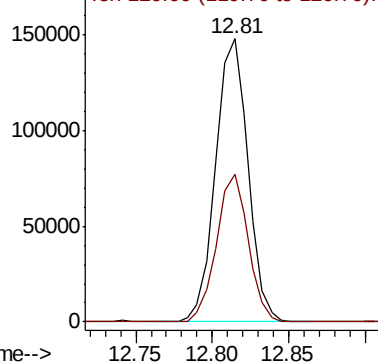


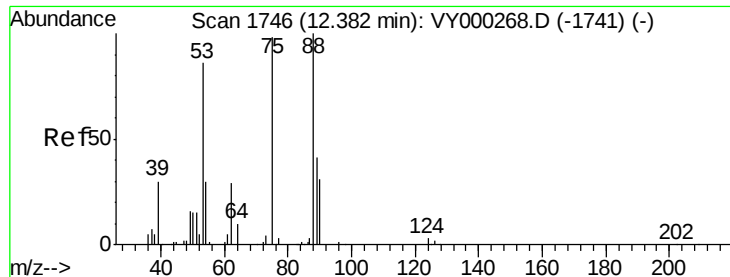
#80
 1,3,5-Trimethylbenzene
 Concen: 20.364 ug/l
 RT: 12.81 min Scan# 1817
 Delta R.T. -0.00 min
 Lab File: VY000404.D
 Acq: 24 Oct 2019 13:09

Tgt Ion: 105 Resp: 217400
 Ion Ratio Lower Upper
 105 100
 120 51.3 24.9 74.8



Abundance Ion 105.00 (104.70 to 105.70): VY000404.D (-1768) (-)
 Ion 120.00 (119.70 to 120.70): VY000404.D (-1768) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 19.297 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. -0.00 min

Lab File: VY000404.D

Acq: 24 Oct 2019 13:09

Instrument :

MSVOA_Y

ClientSampled :

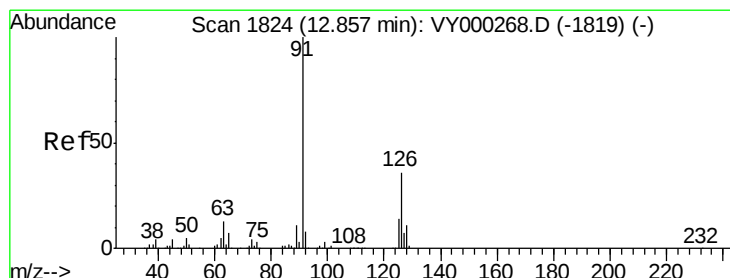
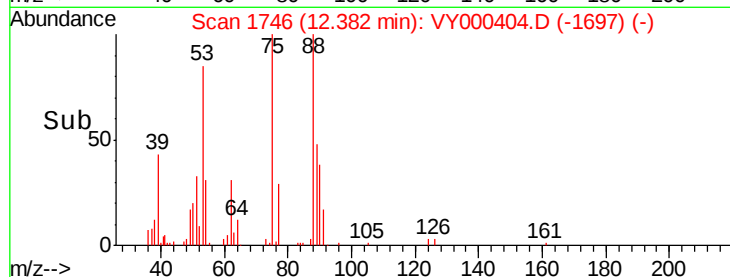
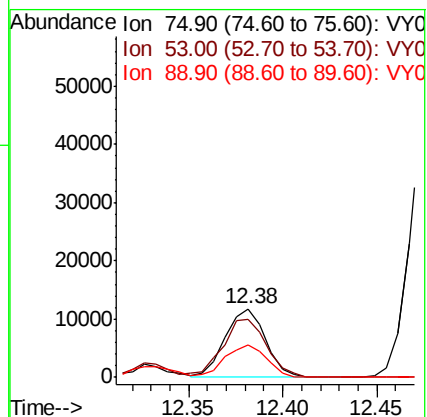
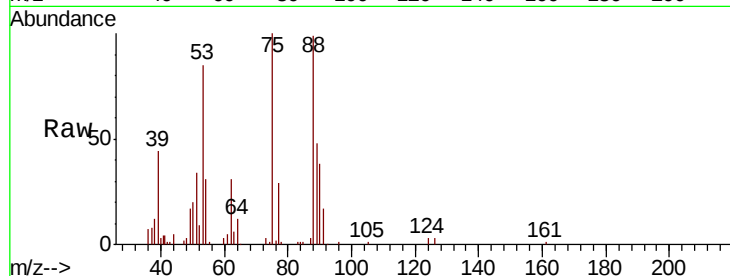
Tot Ion: 75 Resp: 17708

Ion Ratio Lower Upper

75 100

53 91.9 71.3 106.9

89 47.8 35.1 52.7



#82

4-Chlorotoluene

Concen: 20.480 ug/l

RT: 12.86 min Scan# 1824

Delta R.T. -0.00 min

Lab File: VY000404.D

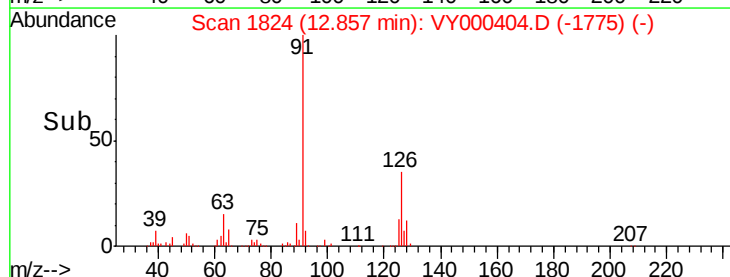
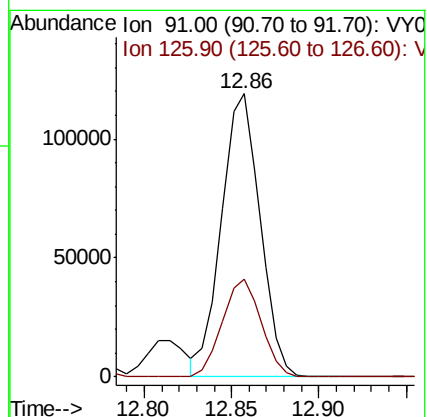
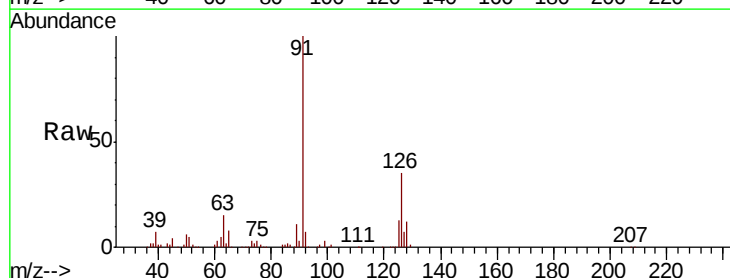
Acq: 24 Oct 2019 13:09

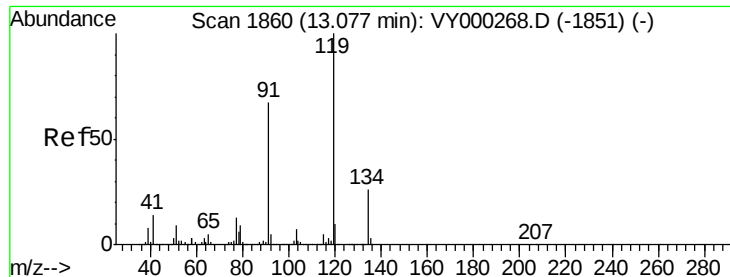
Tgt Ion: 91 Resp: 182756

Ion Ratio Lower Upper

91 100

126 34.9 17.2 51.5

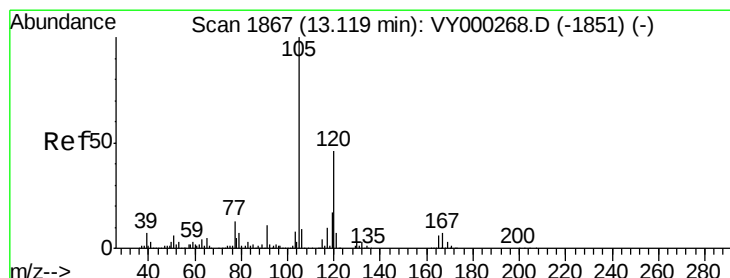
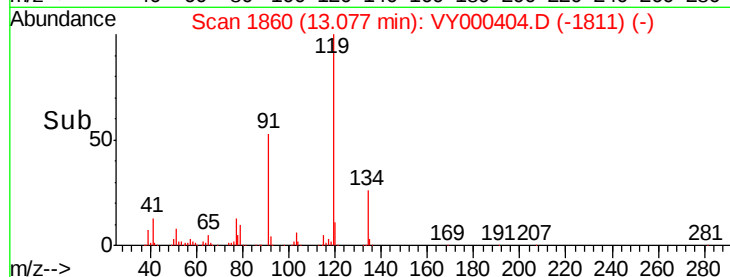
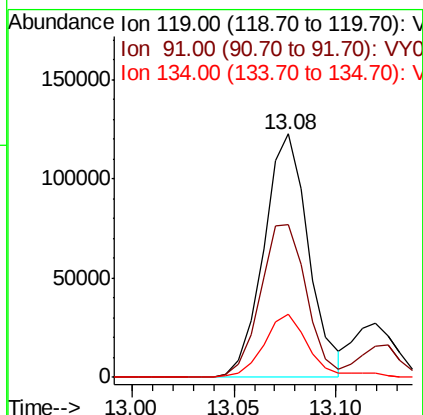
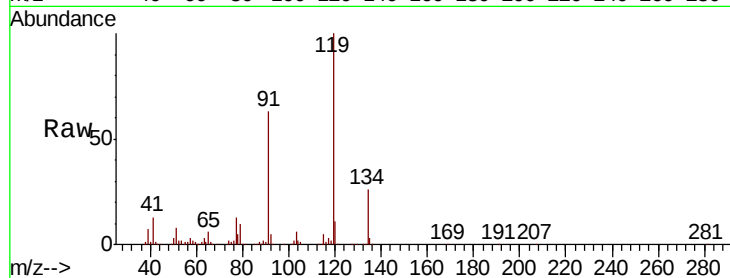




#83
tert-Butylbenzene
Concen: 20.712 ug/l
RT: 13.08 min Scan# 1860
Delta R.T. -0.00 min
Lab File: VY000404.D
Acq: 24 Oct 2019 13:09

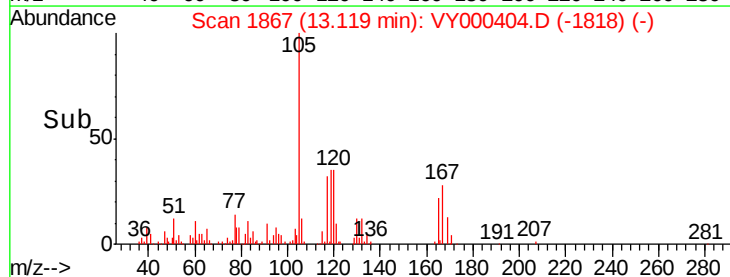
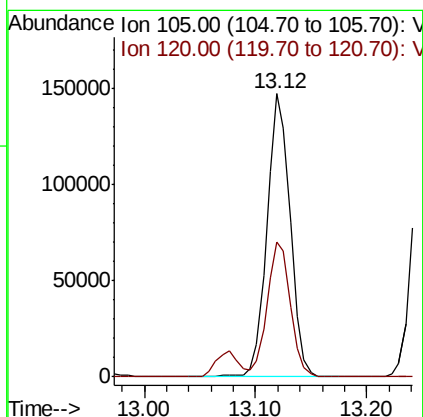
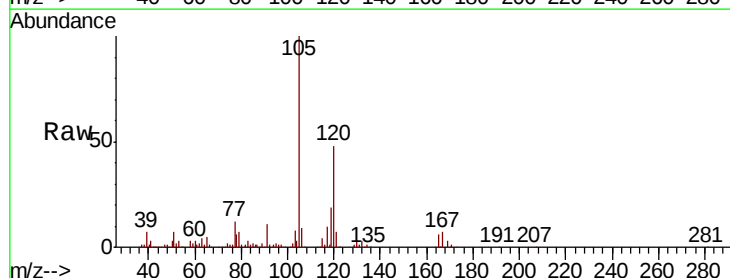
Instrument :
MSVOA_Y
ClientSampleId :

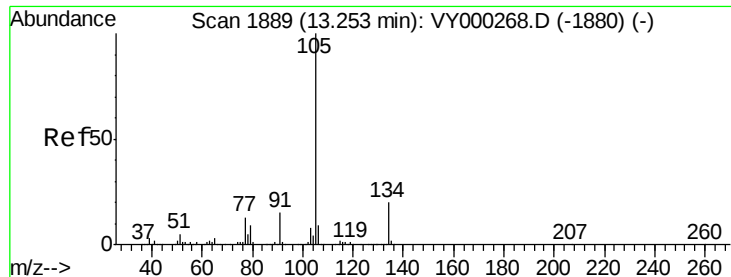
Tot Ion:119 Resp: 187251
Ion Ratio Lower Upper
119 100
91 64.7 32.9 98.7
134 26.3 13.3 39.8



#84
1,2,4-Trimethylbenzene
Concen: 20.340 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. -0.00 min
Lab File: VY000404.D
Acq: 24 Oct 2019 13:09

Tgt Ion:105 Resp: 214312
Ion Ratio Lower Upper
105 100
120 47.6 22.9 68.8

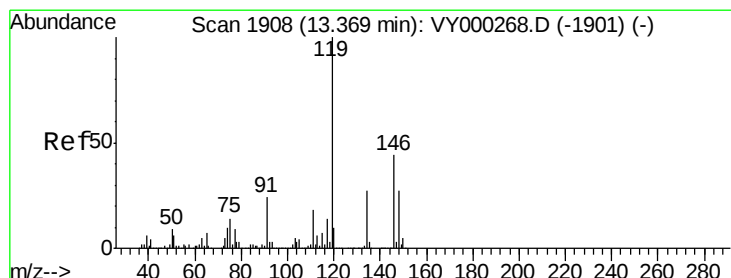
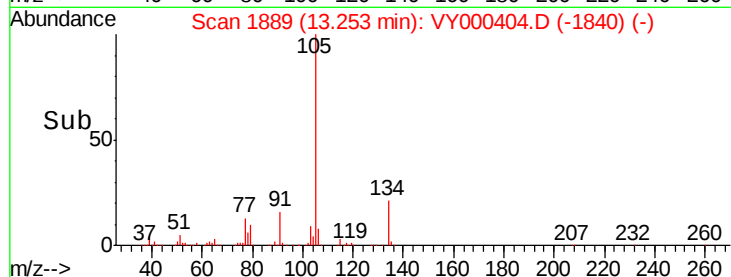
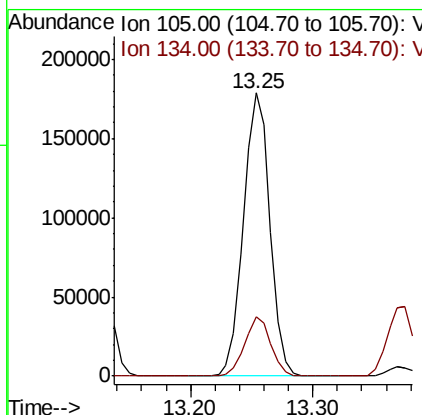
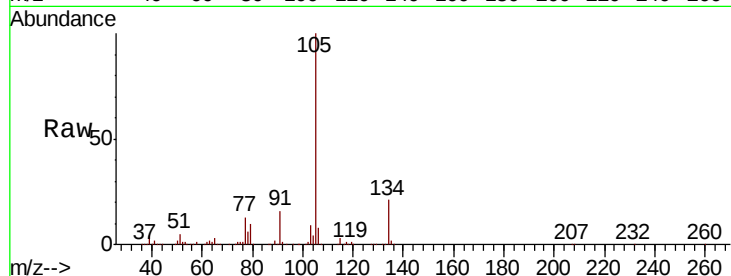




#85
 sec-Butylbenzene
 Concen: 20.482 ug/l
 RT: 13.25 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VY000404.D
 Acq: 24 Oct 2019 13:09

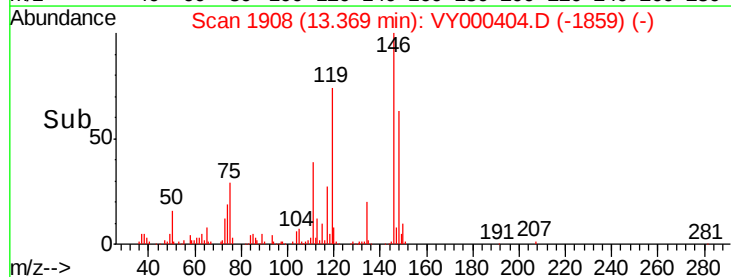
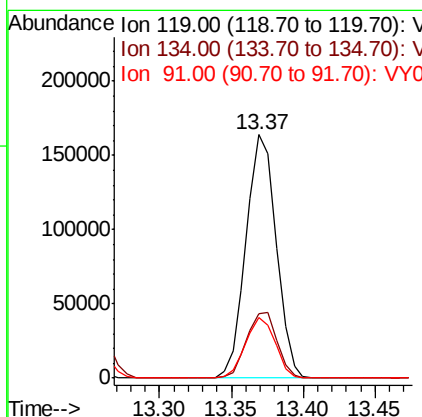
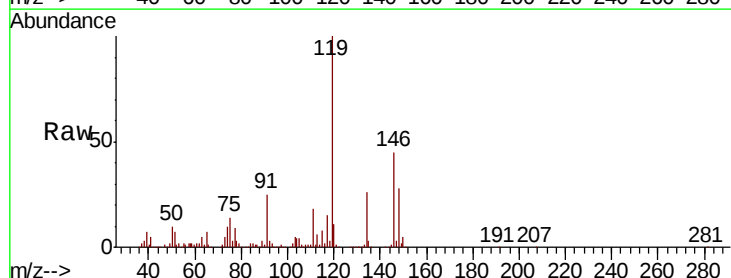
Instrument :
 MSVOA_Y
 ClientSampleId :

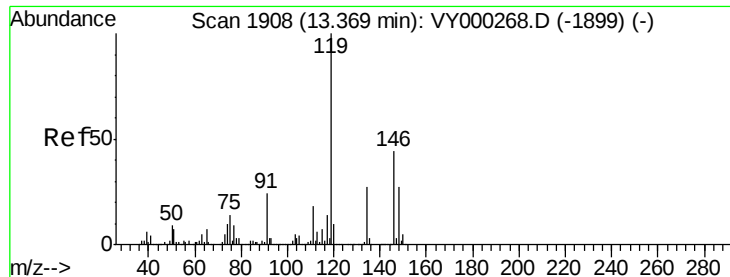
Tot Ion:105 Resp: 267882
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 20.873 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. -0.00 min
 Lab File: VY000404.D
 Acq: 24 Oct 2019 13:09

Tgt Ion:119 Resp: 237996
 Ion Ratio Lower Upper
 119 100
 134 27.1 13.6 40.8
 91 24.5 12.0 36.1

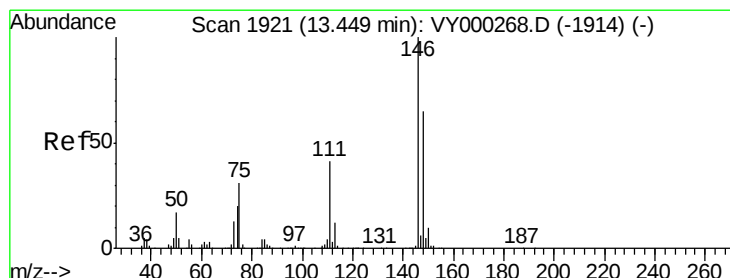
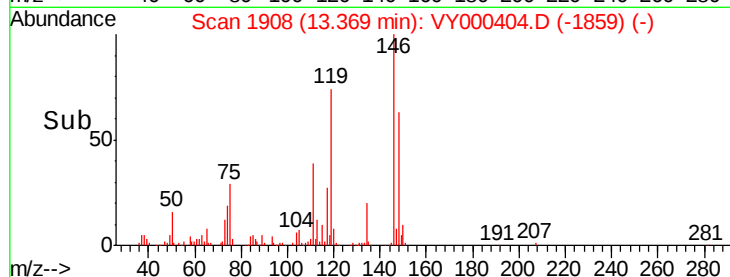
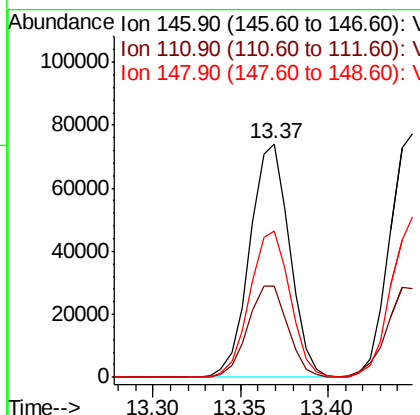
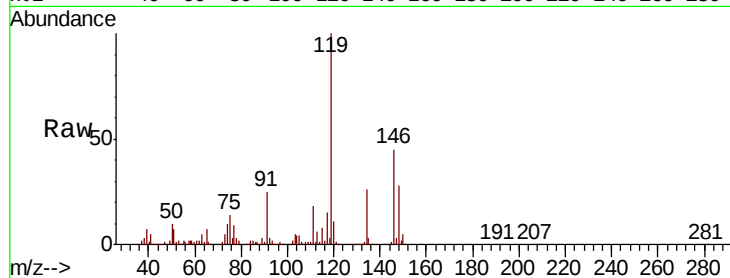




#87
 1,3-Dichlorobenzene
 Concen: 20.935 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. -0.00 min
 Lab File: VY000404.D
 Acq: 24 Oct 2019 13:09

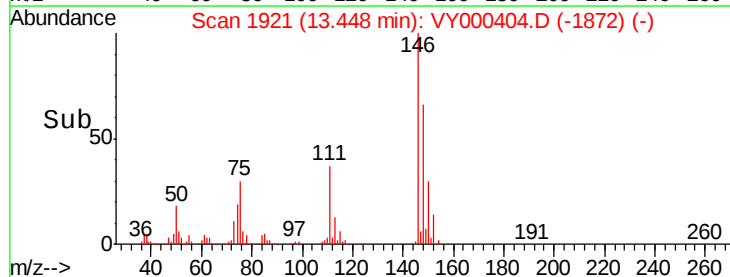
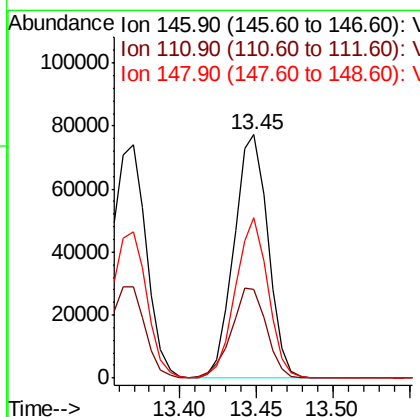
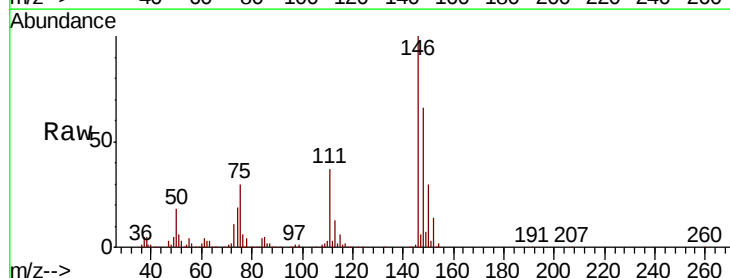
Instrument :
 MSVOA_Y
 ClientSampled :

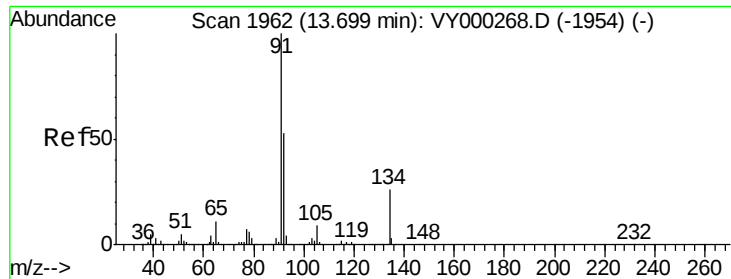
Tot Ion:146 Resp: 116859
 Ion Ratio Lower Upper
 146 100
 111 39.6 20.6 61.8
 148 63.6 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 21.351 ug/l
 RT: 13.45 min Scan# 1921
 Delta R.T. -0.00 min
 Lab File: VY000404.D
 Acq: 24 Oct 2019 13:09

Tgt Ion:146 Resp: 119122
 Ion Ratio Lower Upper
 146 100
 111 38.2 20.1 60.2
 148 62.9 32.4 97.2





#89

n-Butylbenzene

Concen: 20.716 ug/l

RT: 13.70 min Scan# 1962

Delta R.T. -0.00 min

Lab File: VY000404.D

Acq: 24 Oct 2019 13:09

Instrument :

MSVOA_Y

ClientSampleId :

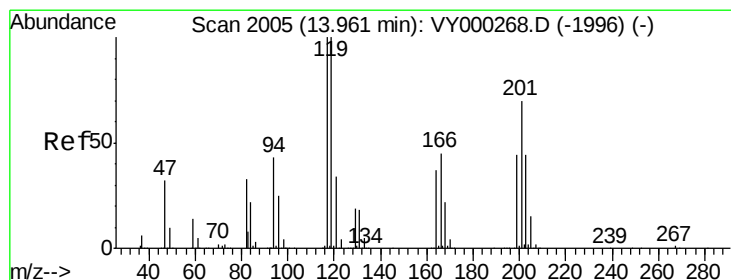
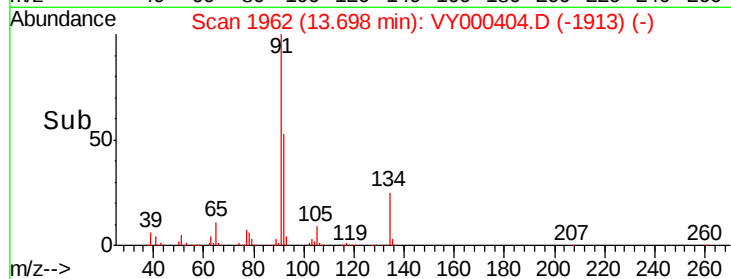
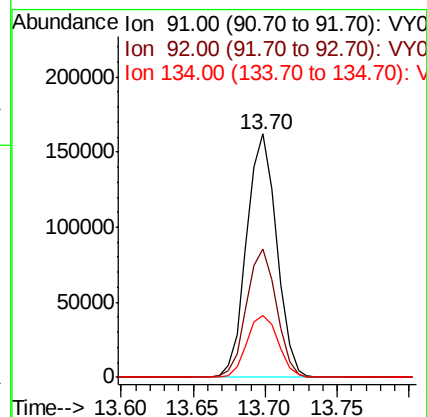
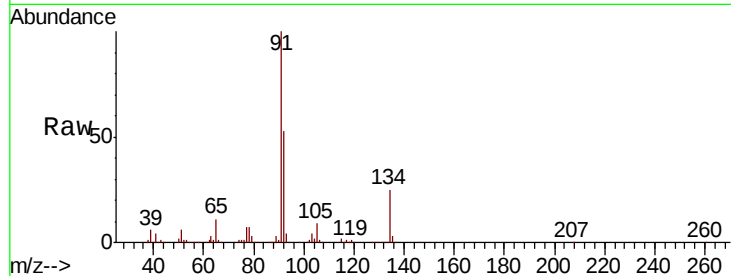
Tot Ion: 91 Resp: 233425

Ion Ratio Lower Upper

91 100

92 52.5 26.7 80.1

134 26.5 13.0 38.9



#90

Hexachloroethane

Concen: 20.691 ug/l

RT: 13.96 min Scan# 2005

Delta R.T. -0.00 min

Lab File: VY000404.D

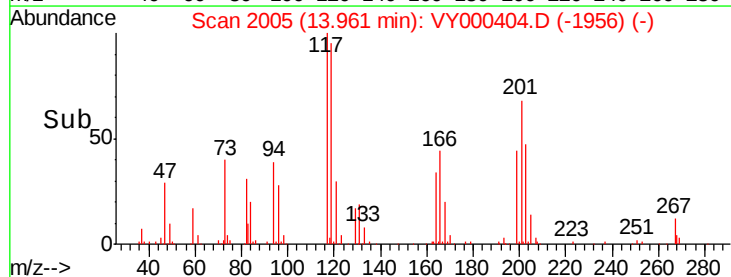
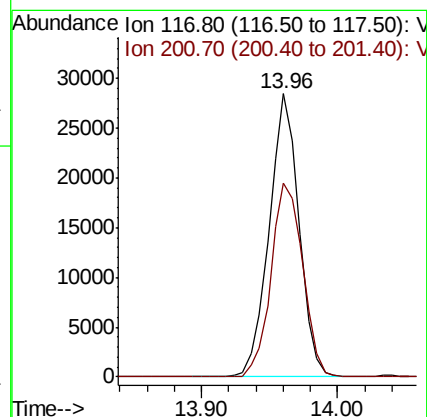
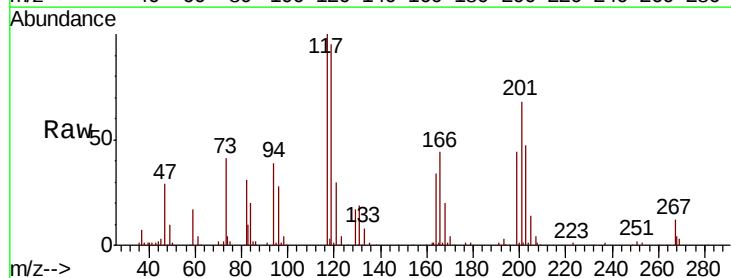
Acq: 24 Oct 2019 13:09

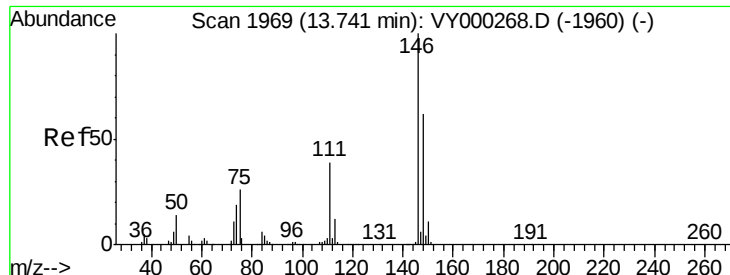
Tgt Ion: 117 Resp: 43687

Ion Ratio Lower Upper

117 100

201 72.7 36.3 108.7

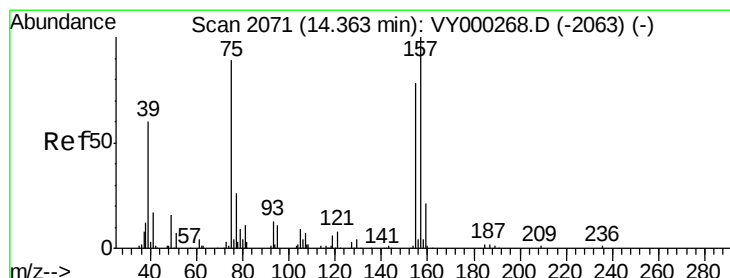
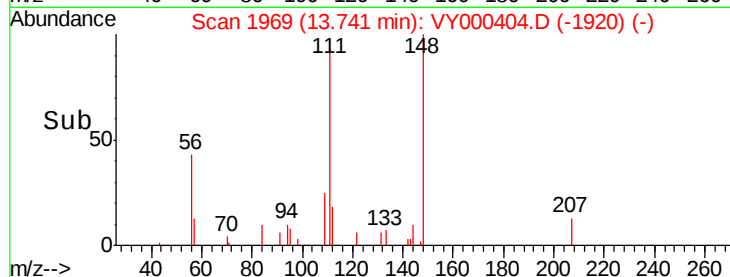
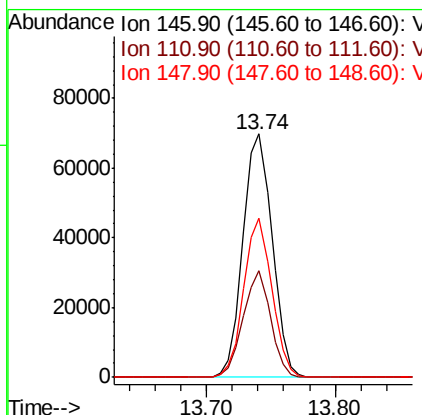
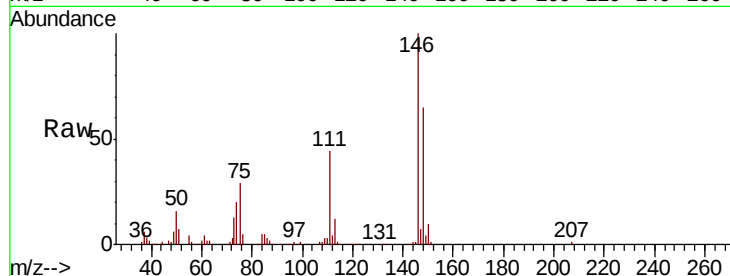




#91
 1,2-Dichlorobenzene
 Concen: 21.715 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. -0.00 min
 Lab File: VY000404.D
 Acq: 24 Oct 2019 13:09

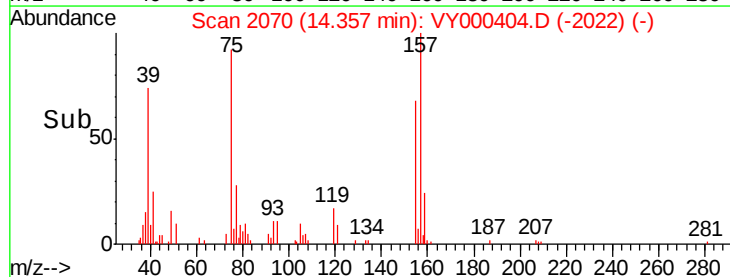
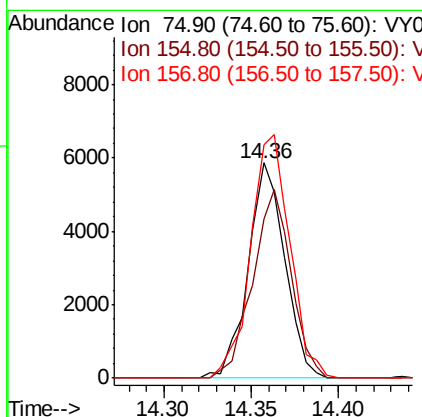
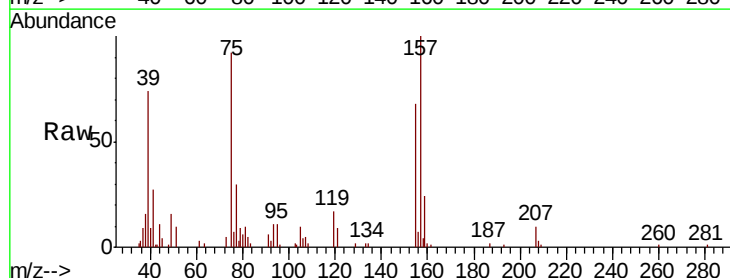
Instrument :
 MSVOA_Y
 ClientSampleId :

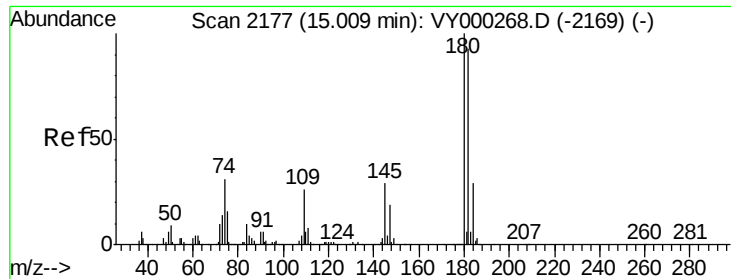
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.1	20.5	61.5
148	62.6	31.6	95.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.808 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. -0.01 min
 Lab File: VY000404.D
 Acq: 24 Oct 2019 13:09

Tgt Ion	Ratio	Lower	Upper
75	100		
155	92.2	45.8	137.3
157	121.2	55.6	166.9

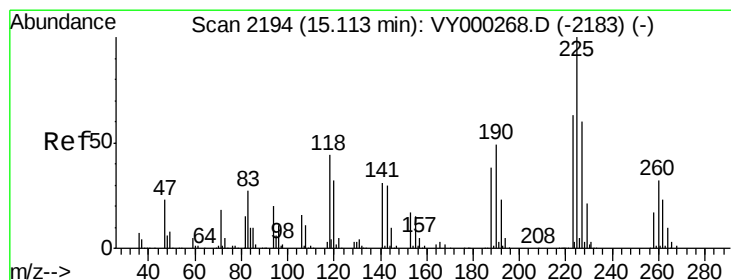
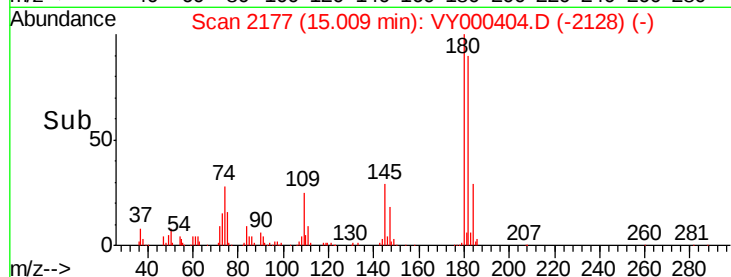
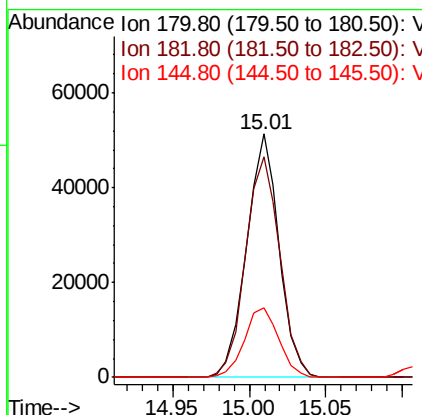
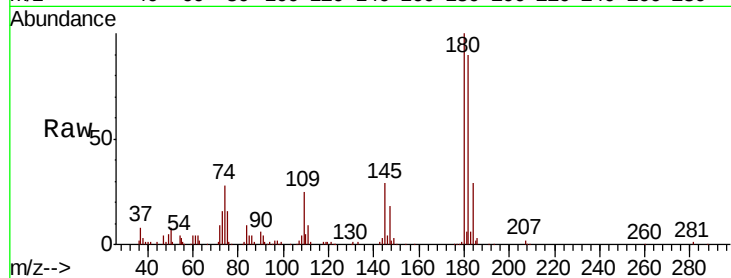




#93
 1,2,4-Trichlorobenzene
 Concen: 21.476 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. -0.00 min
 Lab File: VY000404.D
 Acq: 24 Oct 2019 13:09

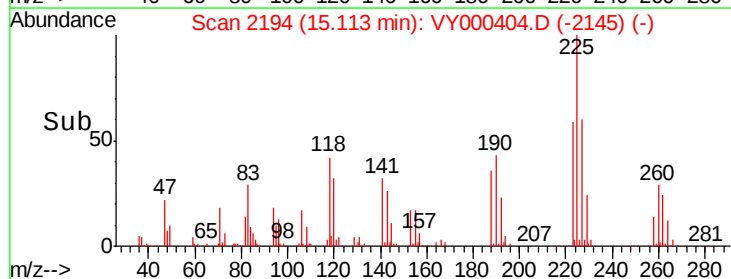
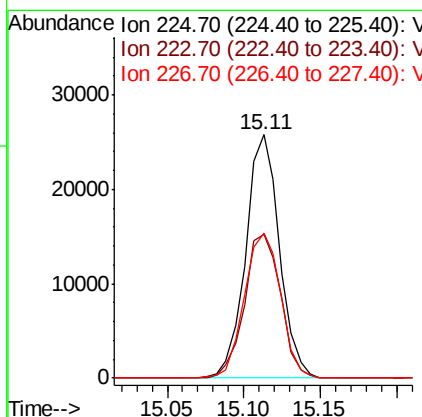
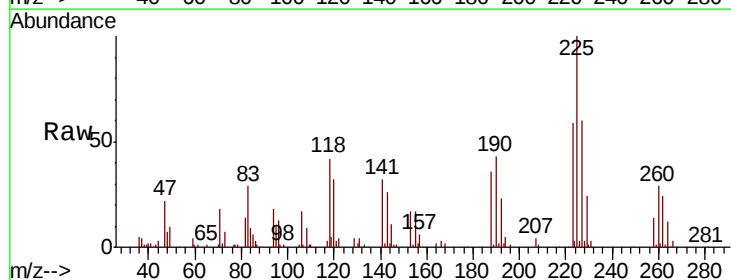
Instrument :
 MSVOA_Y
 ClientSampleId :

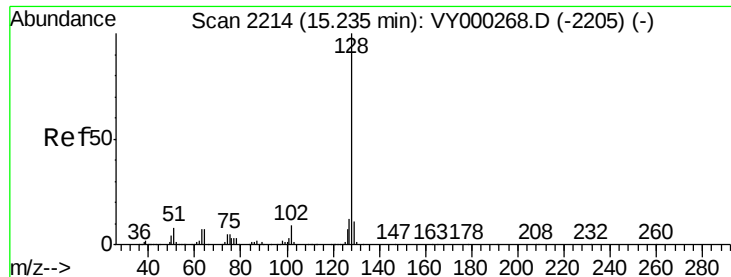
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.0	47.5	142.6
145	30.2	15.4	46.1



#94
 Hexachlorobutadiene
 Concen: 20.722 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. -0.00 min
 Lab File: VY000404.D
 Acq: 24 Oct 2019 13:09

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.4	31.9	95.7
227	64.3	31.4	94.2

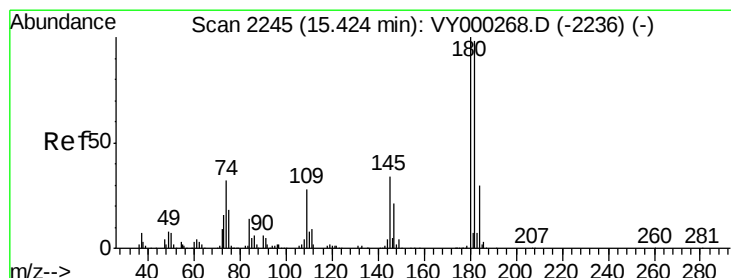
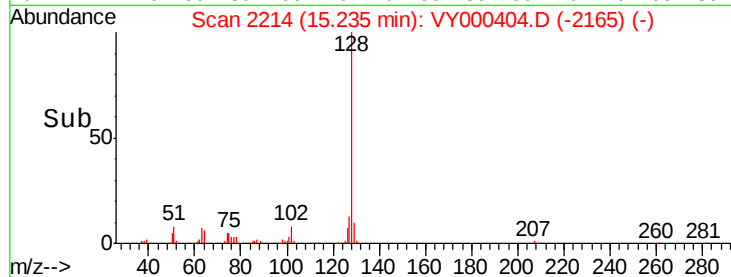
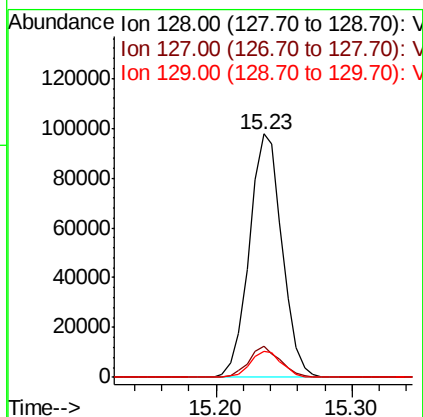
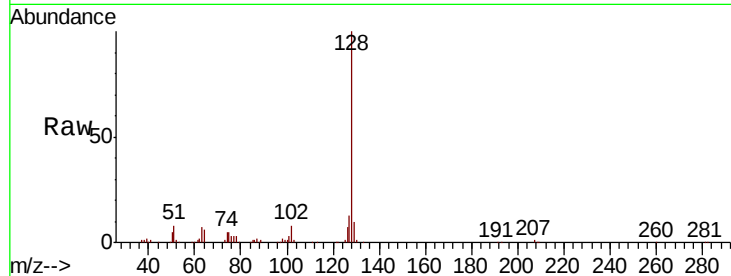




#95
Naphthalene
Concen: 20.988 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VY000404.D
Acq: 24 Oct 2019 13:09

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:128 Resp: 164733
Ion Ratio Lower Upper
128 100
127 12.0 9.6 14.4
129 10.5 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 21.600 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. -0.00 min
Lab File: VY000404.D
Acq: 24 Oct 2019 13:09

Tgt Ion:180 Resp: 68467
Ion Ratio Lower Upper
180 100
182 94.8 46.5 139.5
145 31.6 16.2 48.5

