

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY120919\
 Data File : VY000909.D
 Acq On : 09 Dec 2019 12:30
 Operator : SY/MD
 Sample : VY1209SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 10 06:23:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112719S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 27 12:40:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	337671	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	585585	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	516411	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	244430	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	166333	46.36	ug/l	0.00
Spiked Amount			Recovery	=	92.72%	
35) Dibromofluoromethane	7.73	113	162650	47.66	ug/l	0.00
Spiked Amount			Recovery	=	95.32%	
50) Toluene-d8	10.18	98	671373	49.21	ug/l	0.00
Spiked Amount			Recovery	=	98.42%	
62) 4-Bromofluorobenzene	12.48	95	233183	45.51	ug/l	0.00
Spiked Amount			Recovery	=	91.02%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.90	85	66642	18.334	ug/l	99
3) Chloromethane	2.11	50	79561	17.757	ug/l	99
4) Vinyl Chloride	2.25	62	80507	18.231	ug/l	99
5) Bromomethane	2.65	94	43268	14.838	ug/l	91
6) Chloroethane	2.79	64	48530	17.924	ug/l	99
7) Trichlorofluoromethane	3.13	101	121628	20.098	ug/l	90
8) Diethyl Ether	3.53	74	45262	19.871	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.91	101	75082	20.090	ug/l	99
10) Methyl Iodide	4.10	142	93267	19.822	ug/l	97
11) Tert butyl alcohol	4.99	59	32865	91.043	ug/l #	84
12) 1,1-Dichloroethene	3.88	96	74934	20.239	ug/l	85
13) Acrolein	3.73	56	37413	105.213	ug/l	100
14) Allyl chloride	4.49	41	121097	19.075	ug/l	98
15) Acrylonitrile	5.18	53	116439	98.998	ug/l	98
16) Acetone	3.96	43	80327	97.592	ug/l	99
17) Carbon Disulfide	4.19	76	232705	19.434	ug/l	98
18) Methyl Acetate	4.49	43	62582	18.184	ug/l	96
19) Methyl tert-butyl Ether	5.23	73	197440	19.968	ug/l	99
20) Methylene Chloride	4.72	84	101685	23.437	ug/l	90
21) trans-1,2-Dichloroethene	5.22	96	84755	20.141	ug/l	98
22) Diisopropyl ether	6.13	45	256831	19.684	ug/l	99
23) Vinyl Acetate	6.07	43	789717	99.559	ug/l	99
24) 1,1-Dichloroethane	6.03	63	141051	19.614	ug/l	99
25) 2-Butanone	7.00	43	142368	93.634	ug/l	96
26) 2,2-Dichloropropane	6.99	77	119607	19.761	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	92191	20.267	ug/l	96
28) Bromochloromethane	7.35	49	32694	13.915	ug/l	98
29) Tetrahydrofuran	7.36	42	98632	97.893	ug/l	99
30) Chloroform	7.52	83	137204	19.019	ug/l	97
31) Cyclohexane	7.79	56	146466	19.226	ug/l	90
32) 1,1,1-Trichloroethane	7.71	97	116947	19.631	ug/l	99
36) 1,1-Dichloropropene	7.93	75	115029	19.756	ug/l	99
37) Ethyl Acetate	7.08	43	65053	19.350	ug/l	99
38) Carbon Tetrachloride	7.91	117	101028	19.484	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	151108	19.589	ug/l	94
40) Benzene	8.17	78	336782	19.858	ug/l	97
41) Methacrylonitrile	7.35	41	86734	48.948	ug/l #	1
42) 1,2-Dichloroethane	8.25	62	86211	19.329	ug/l	99
43) Isopropyl Acetate	8.28	43	122999	19.414	ug/l	99
44) Trichloroethene	8.94	130	88391	20.279	ug/l	99
45) 1,2-Dichloropropane	9.22	63	85881	20.160	ug/l	98
46) Dibromomethane	9.31	93	44582	20.029	ug/l	98
47) Bromodichloromethane	9.50	83	102133	19.533	ug/l	96
48) Methyl methacrylate	9.30	41	52330	18.783	ug/l	94
49) 1,4-Dioxane	9.31	88	12024	381.251	ug/l	92
51) 4-Methyl-2-Pentanone	10.07	43	318433	97.278	ug/l	98
52) Toluene	10.24	92	207994	19.807	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	112756	20.072	ug/l	98
54) cis-1,3-Dichloropropene	9.93	75	132656	19.978	ug/l	94
55) 1,1,2-Trichloroethane	10.64	97	66209	20.133	ug/l	97
56) Ethyl methacrylate	10.51	69	92925	19.753	ug/l	100
57) 1,3-Dichloropropane	10.79	76	119736	20.891	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.78	63	191740	101.084	ug/l	99
59) 2-Hexanone	10.83	43	221293	92.774	ug/l	99
60) Dibromochloromethane	10.99	129	69029	19.499	ug/l	98
61) 1,2-Dibromoethane	11.08	107	62848	20.279	ug/l	99
64) Tetrachloroethene	10.72	164	94178	20.990	ug/l	98
65) Chlorobenzene	11.51	112	216329	20.153	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.58	131	72622	20.075	ug/l	99
67) Ethyl Benzene	11.59	91	400169	20.017	ug/l	99
68) m/p-Xylenes	11.70	106	305971	40.776	ug/l	99
69) o-Xylene	12.03	106	143320	20.485	ug/l	99
70) Styrene	12.04	104	242457	20.239	ug/l	100
71) Bromoform	12.20	173	40781	19.988	ug/l #	99
73) Isopropylbenzene	12.33	105	381927	19.624	ug/l	99
74) N-amyl acetate	12.14	43	104553	19.301	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	75694	19.739	ug/l	98
76) 1,2,3-Trichloropropane	12.63	75	105153	37.970	ug/l #	100
77) Bromobenzene	12.61	156	84626	20.060	ug/l	99
78) n-propylbenzene	12.67	91	472109	19.867	ug/l	100
79) 2-Chlorotoluene	12.75	91	261424	19.913	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	321331	19.941	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	28566	20.262	ug/l	98
82) 4-Chlorotoluene	12.85	91	274846	20.321	ug/l	98
83) tert-Butylbenzene	13.07	119	274592	20.268	ug/l	98
84) 1,2,4-Trimethylbenzene	13.11	105	321871	19.965	ug/l	100
85) sec-Butylbenzene	13.25	105	395550	20.075	ug/l	99
86) p-Isopropyltoluene	13.36	119	345090	20.136	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	165663	20.018	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	166253	20.289	ug/l	98
89) n-Butylbenzene	13.69	91	349223	20.155	ug/l	99
90) Hexachloroethane	13.95	117	62880	19.918	ug/l	97
91) 1,2-Dichlorobenzene	13.74	146	153726	20.651	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.35	75	12275	19.120	ug/l	91

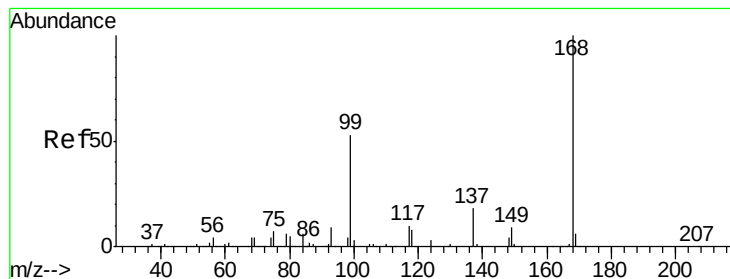
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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	105153	20.875	ug/l	99
94) Hexachlorobutadiene	15.11	225	53165	21.288	ug/l	98
95) Naphthalene	15.23	128	250820	21.444	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	94709	21.050	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: VY000909.D

Acq: 09 Dec 2019 12:30

Instrument :

MSVOA_Y

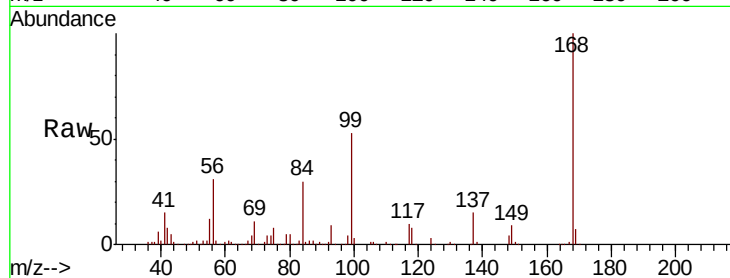
ClientSampleId :

Tot Ion:168 Resp: 337671

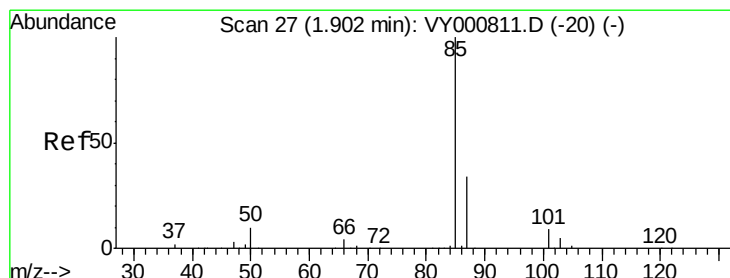
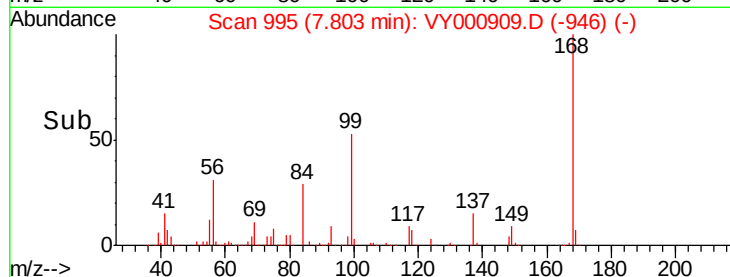
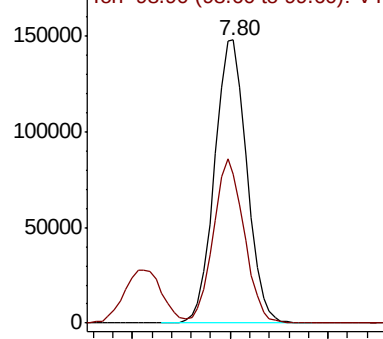
Ion Ratio Lower Upper

168 100

99 52.6 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): VY000909.D (-946) (-)



#2

Dichlorodifluoromethane

Concen: 18.334 ug/l

RT: 1.90 min Scan# 27

Delta R.T. -0.00 min

Lab File: VY000909.D

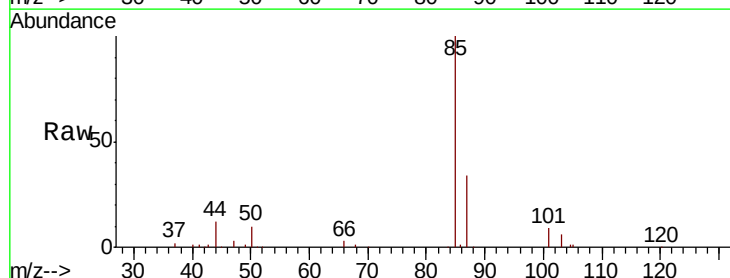
Acq: 09 Dec 2019 12:30

Tgt Ion: 85 Resp: 66642

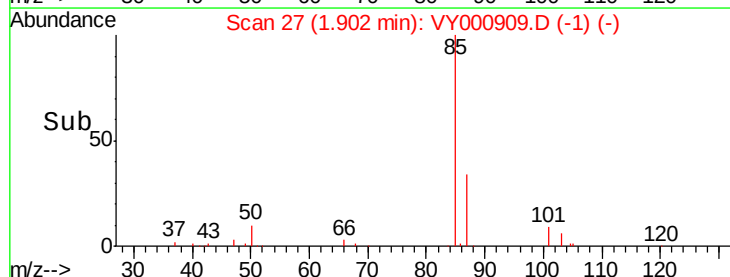
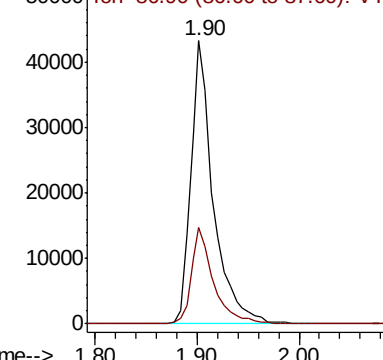
Ion Ratio Lower Upper

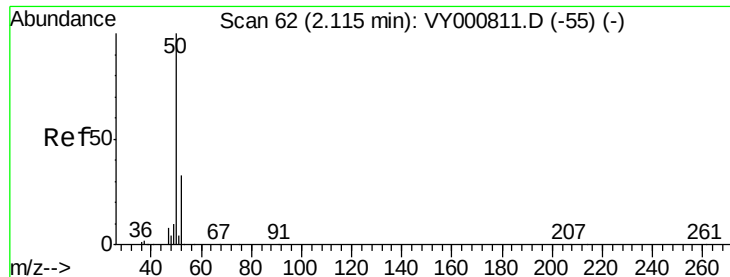
85 100

87 33.9 16.8 50.3



Abundance Ion 84.90 (84.60 to 85.60): VY000909.D (-1) (-)





#3

Chloromethane

Concen: 17.757 ug/l

RT: 2.11 min Scan# 61

Delta R.T. -0.01 min

Lab File: VY000909.D

Acq: 09 Dec 2019 12:30

Instrument :

MSVOA_Y

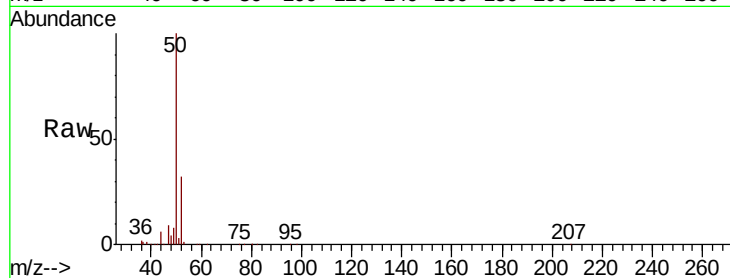
ClientSampled :

Tot Ion: 50 Resp: 79561

Ion Ratio Lower Upper

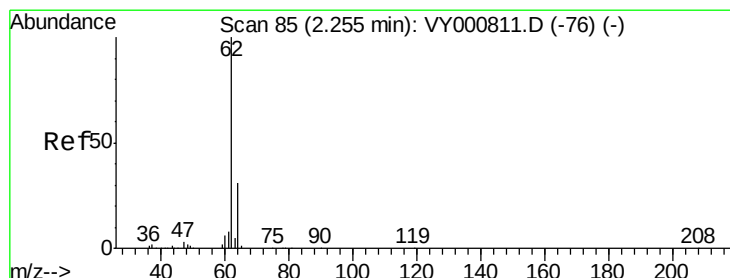
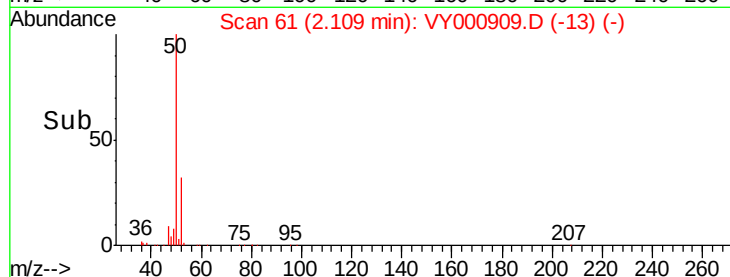
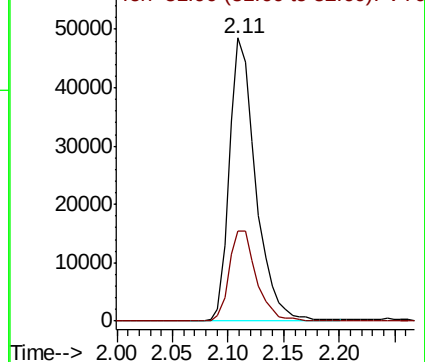
50 100

52 32.0 26.0 39.0



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 18.231 ug/l

RT: 2.25 min Scan# 84

Delta R.T. -0.01 min

Lab File: VY000909.D

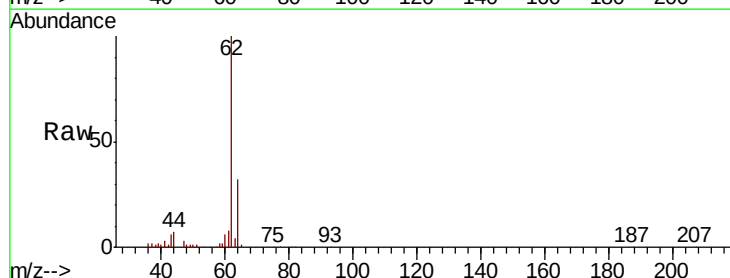
Acq: 09 Dec 2019 12:30

Tgt Ion: 62 Resp: 80507

Ion Ratio Lower Upper

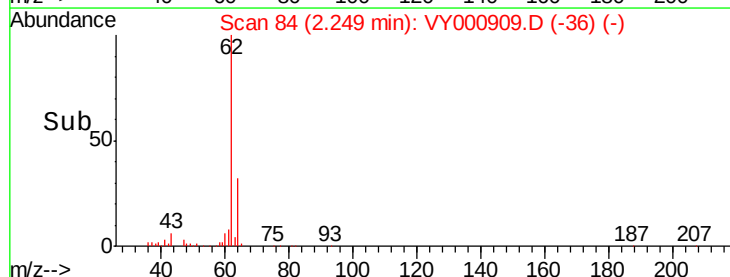
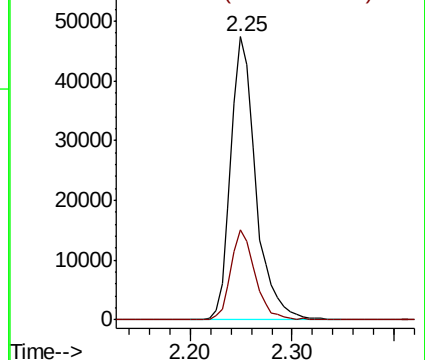
62 100

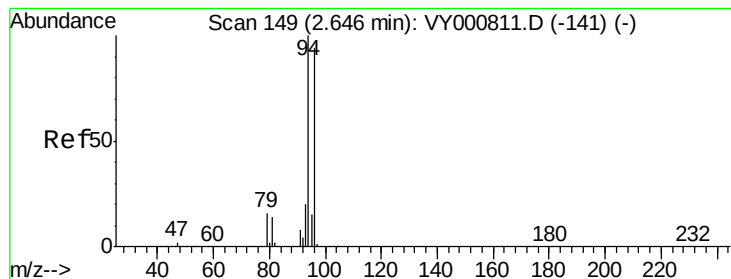
64 31.8 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 14.838 ug/l

RT: 2.65 min Scan# 149

Delta R.T. 0.00 min

Lab File: VY000909.D

Acq: 09 Dec 2019 12:30

Instrument :

MSVOA_Y

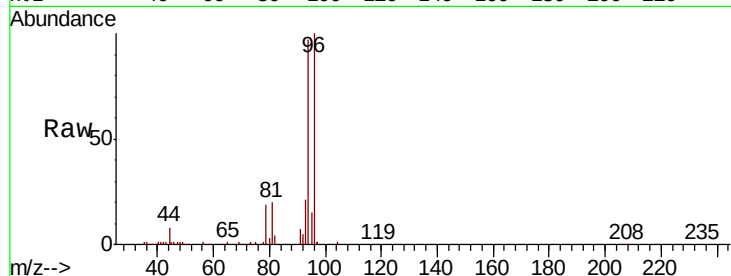
ClientSampleId :

Tot Ion: 94 Resp: 43268

Ion Ratio Lower Upper

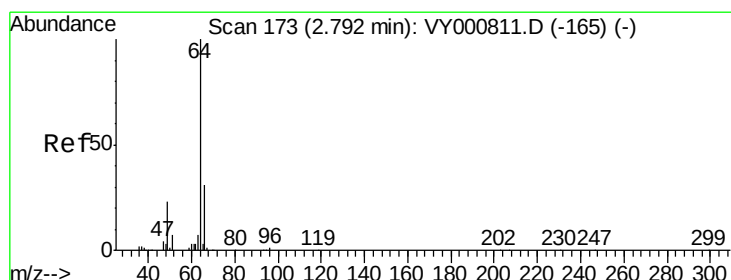
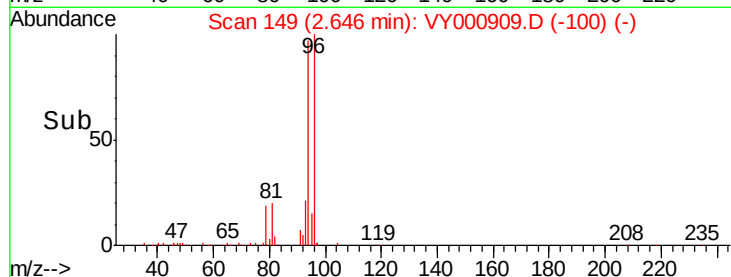
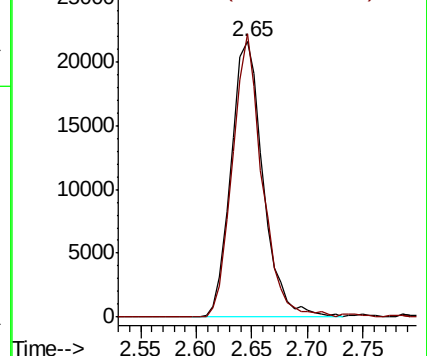
94 100

96 102.9 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 17.924 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.00 min

Lab File: VY000909.D

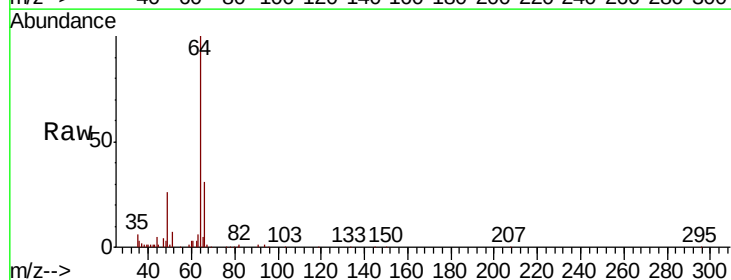
Acq: 09 Dec 2019 12:30

Tgt Ion: 64 Resp: 48530

Ion Ratio Lower Upper

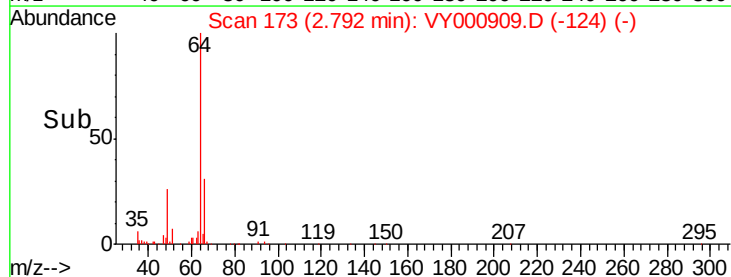
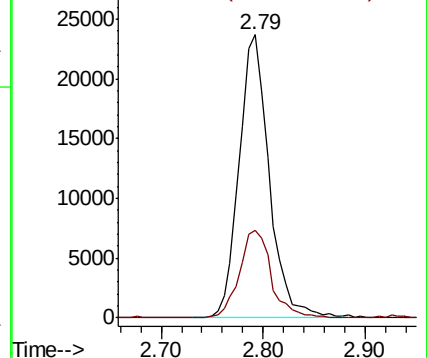
64 100

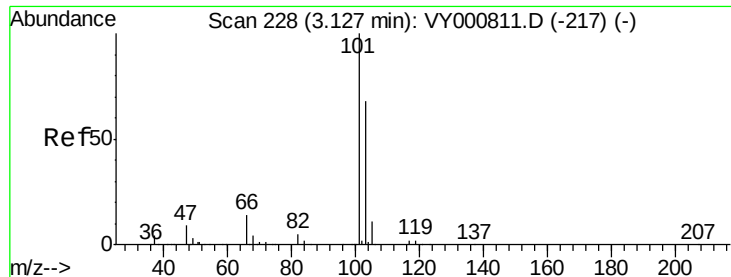
66 30.8 25.0 37.4



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



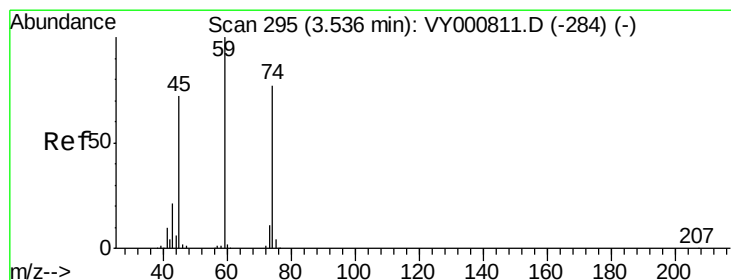
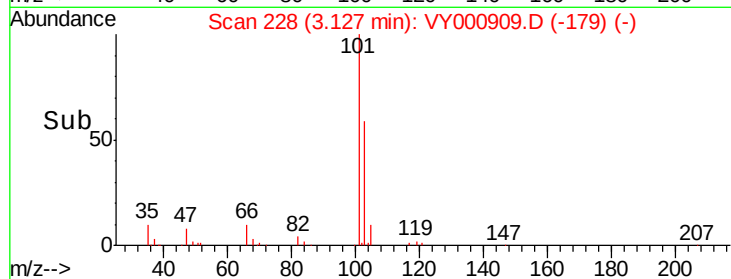
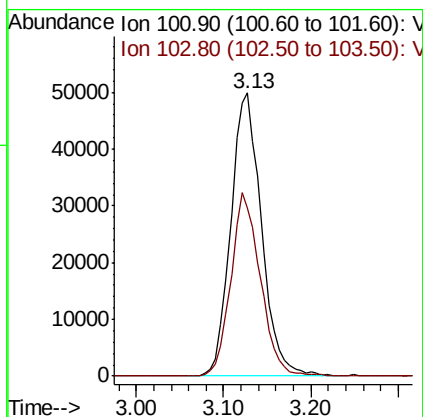
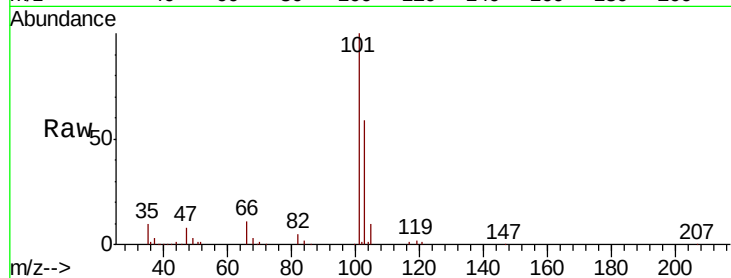


#7

Trichlorofluoromethane
 Concen: 20.098 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. -0.00 min
 Lab File: VY000909.D
 Acq: 09 Dec 2019 12:30

Instrument :
 MSVOA_Y
 ClientSampled :

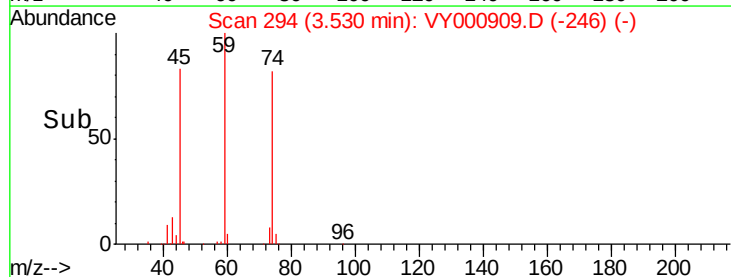
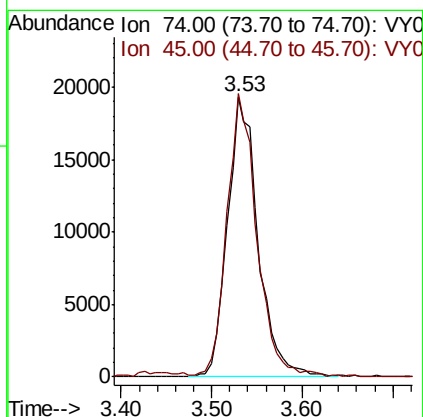
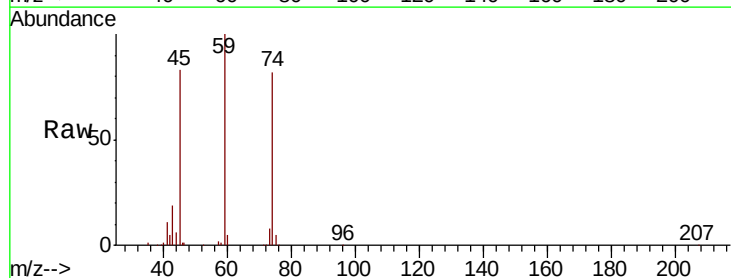
Tot Ion:101 Resp: 121628
 Ion Ratio Lower Upper
 101 100
 103 59.5 54.2 81.2

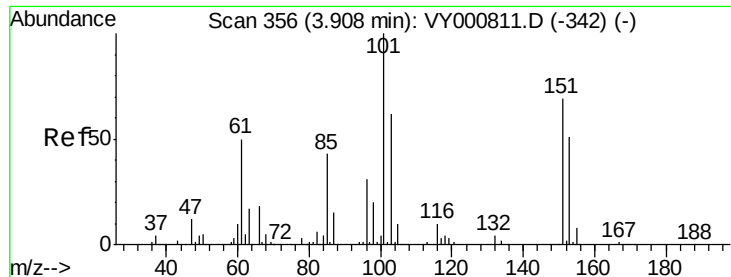


#8

Diethyl Ether
 Concen: 19.871 ug/l
 RT: 3.53 min Scan# 294
 Delta R.T. -0.01 min
 Lab File: VY000909.D
 Acq: 09 Dec 2019 12:30

Tgt Ion: 74 Resp: 45262
 Ion Ratio Lower Upper
 74 100
 45 99.1 49.0 147.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.090 ug/l

RT: 3.91 min Scan# 356

Delta R.T. -0.00 min

Lab File: VY000909.D

Acq: 09 Dec 2019 12:30

Instrument :

MSVOA_Y

ClientSampleId :

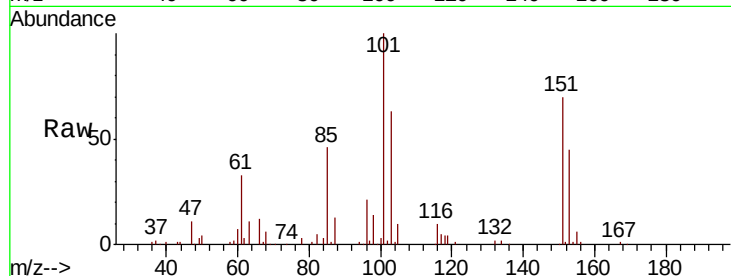
Tot Ion:101 Resp: 75082

Ion Ratio Lower Upper

101 100

85 44.8 36.0 54.0

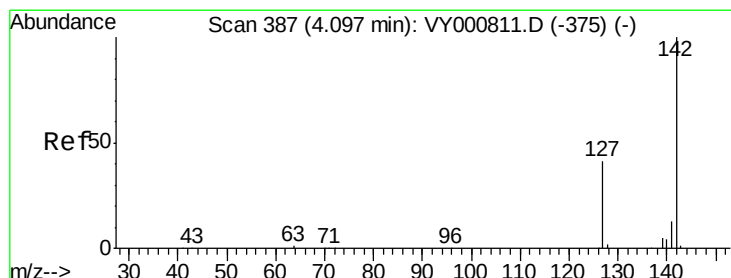
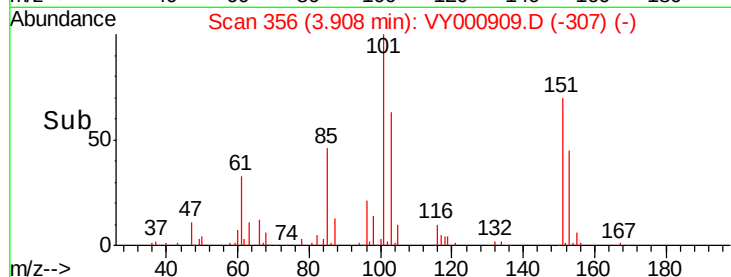
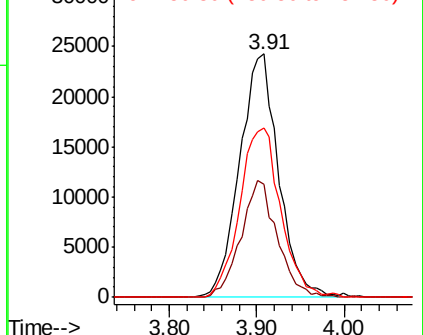
151 73.4 58.2 87.2



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: 19.822 ug/l

RT: 4.10 min Scan# 388

Delta R.T. 0.01 min

Lab File: VY000909.D

Acq: 09 Dec 2019 12:30

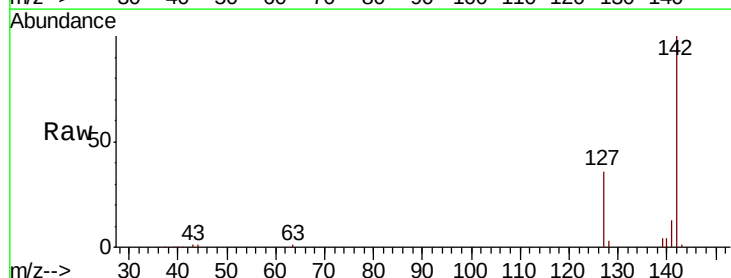
Tgt Ion:142 Resp: 93267

Ion Ratio Lower Upper

142 100

127 39.9 33.8 50.8

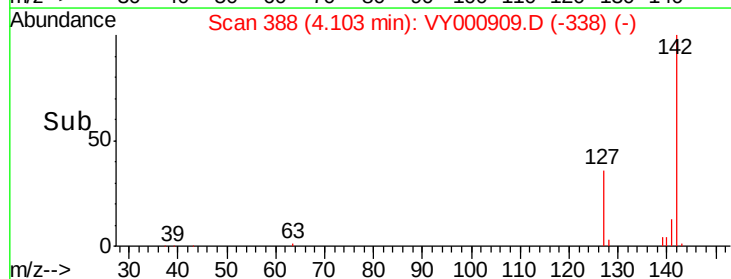
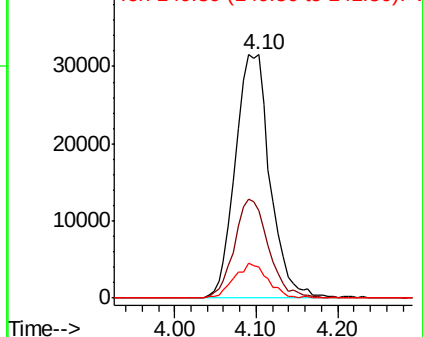
141 13.9 10.9 16.3

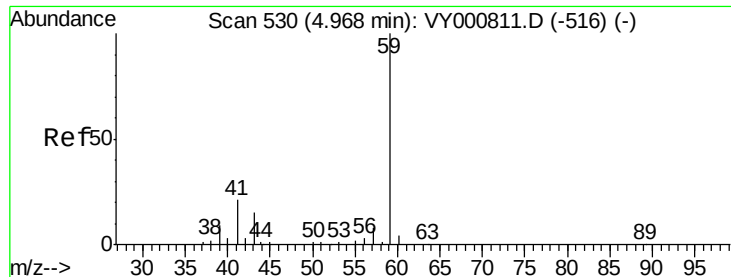


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



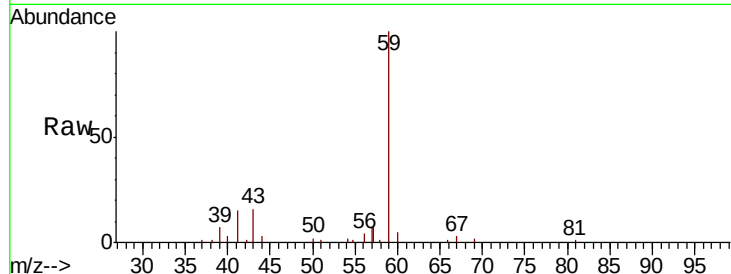


#11

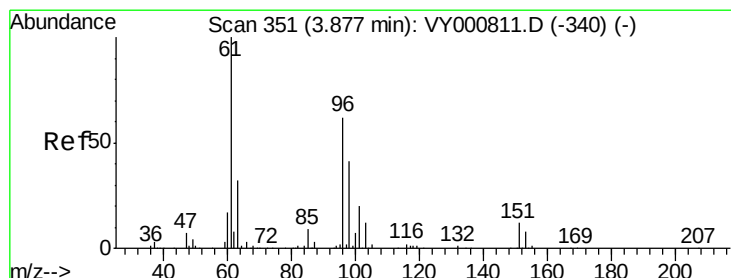
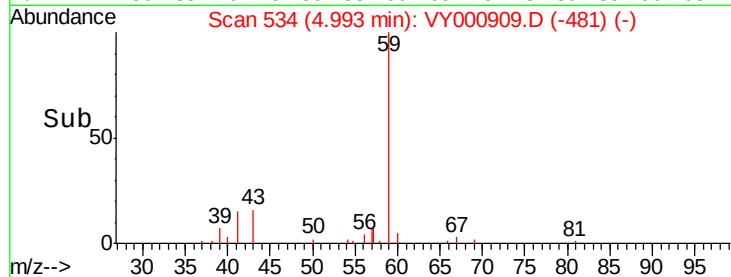
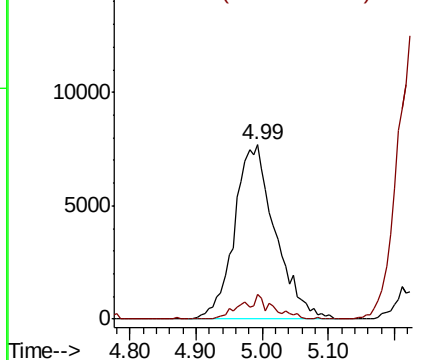
Tert butyl alcohol
 Concen: 91.043 ug/l
 RT: 4.99 min Scan# 534
 Delta R.T. 0.02 min
 Lab File: VY000909.D
 Acq: 09 Dec 2019 12:30

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion: 59 Resp: 32865
 Ion Ratio Lower Upper
 59 100
 57 3.7 7.8 11.6#



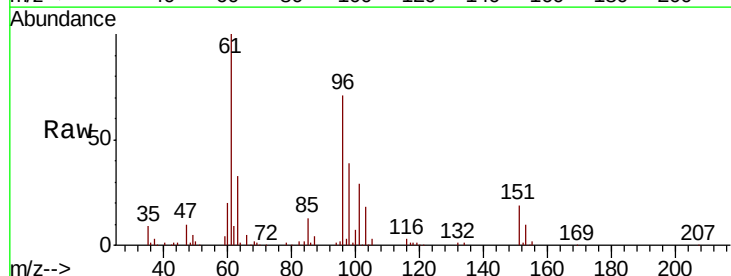
Abundance Ion 59.00 (58.70 to 59.70): VY0
 Ion 57.00 (56.70 to 57.70): VY0



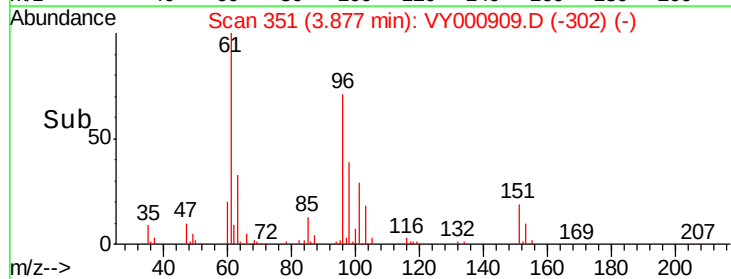
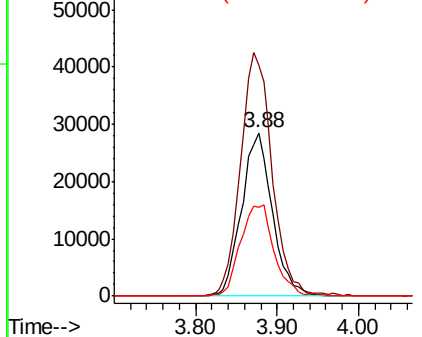
#12

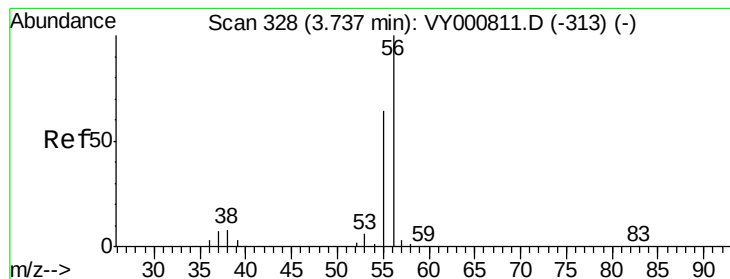
1,1-Dichloroethene
 Concen: 20.239 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. -0.00 min
 Lab File: VY000909.D
 Acq: 09 Dec 2019 12:30

Tgt Ion: 96 Resp: 74934
 Ion Ratio Lower Upper
 96 100
 61 141.3 129.4 194.2
 98 54.7 53.4 80.0



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





#13

Acrolein

Concen: 105.213 ug/l

RT: 3.73 min Scan# 327

Delta R.T. -0.01 min

Lab File: VY000909.D

Acq: 09 Dec 2019 12:30

Instrument :

MSVOA_Y

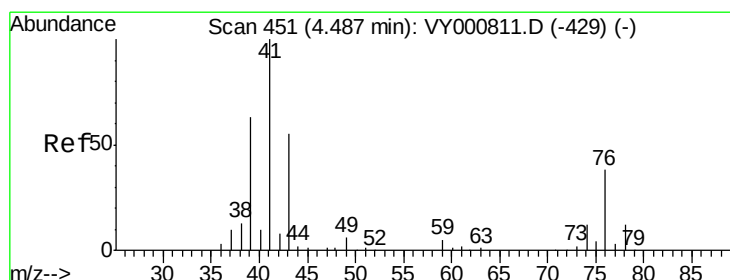
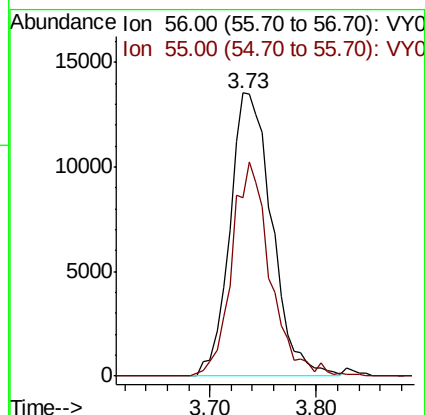
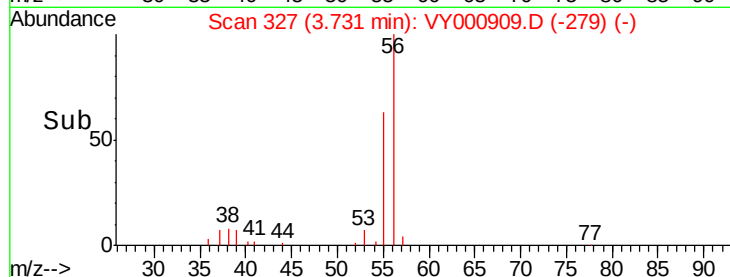
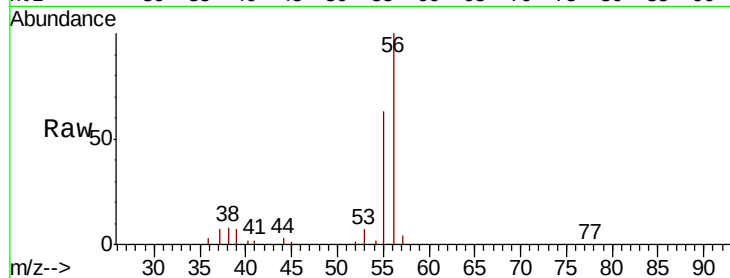
ClientSampleId :

Tot Ion: 56 Resp: 37413

Ion Ratio Lower Upper

56 100

55 69.4 55.7 83.5



#14

Allyl chloride

Concen: 19.075 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.00 min

Lab File: VY000909.D

Acq: 09 Dec 2019 12:30

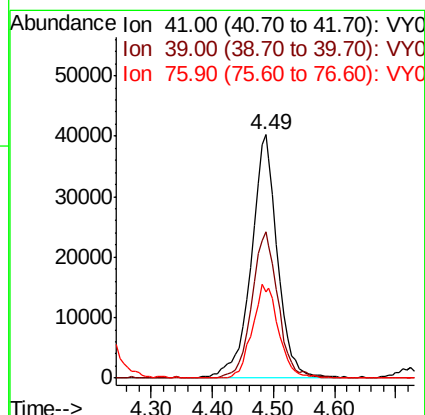
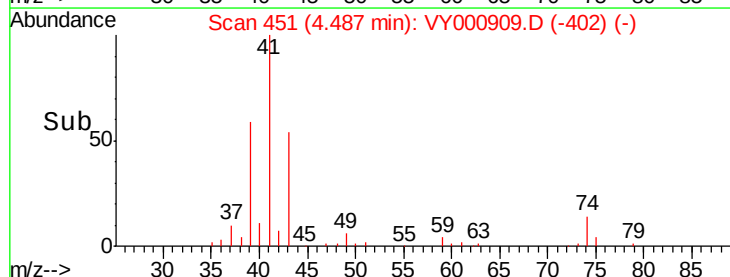
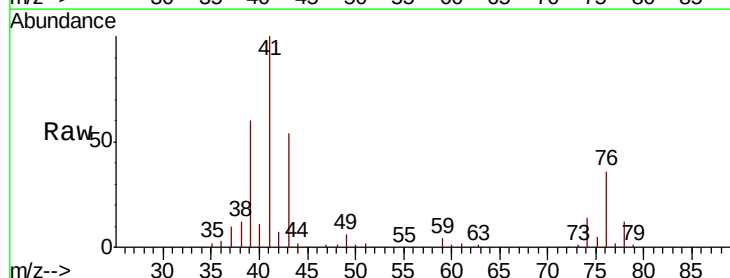
Tgt Ion: 41 Resp: 121097

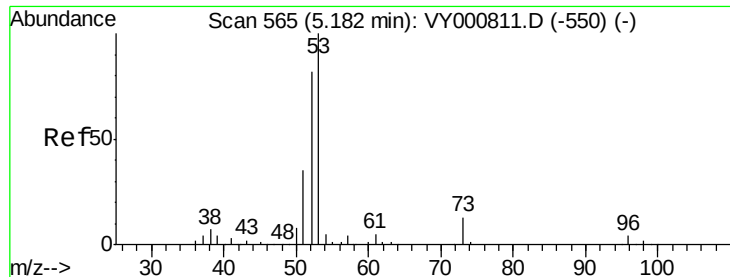
Ion Ratio Lower Upper

41 100

39 60.3 49.2 73.8

76 38.5 29.2 43.8





#15

Acrylonitrile

Concen: 98.998 ug/l

RT: 5.18 min Scan# 564

Delta R.T. -0.01 min

Lab File: VY000909.D

Acq: 09 Dec 2019 12:30

Instrument :

MSVOA_Y

ClientSampleId :

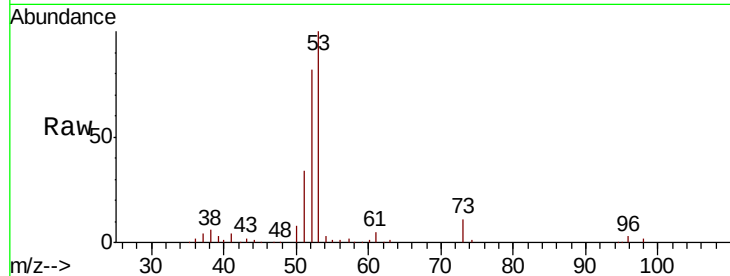
Tot Ion: 53 Resp: 116439

Ion Ratio Lower Upper

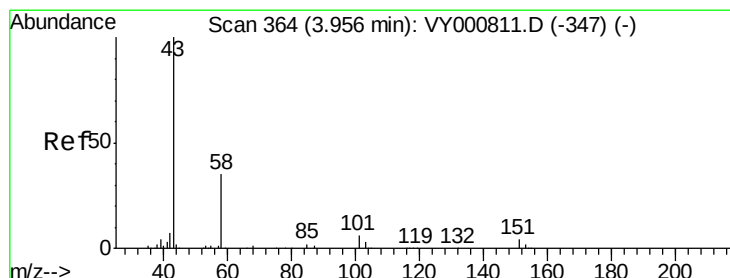
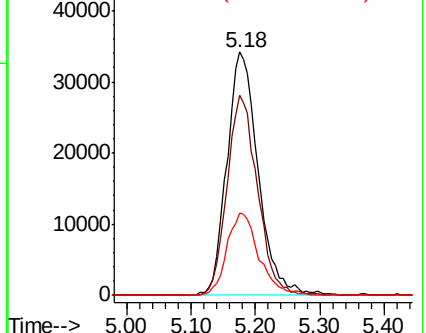
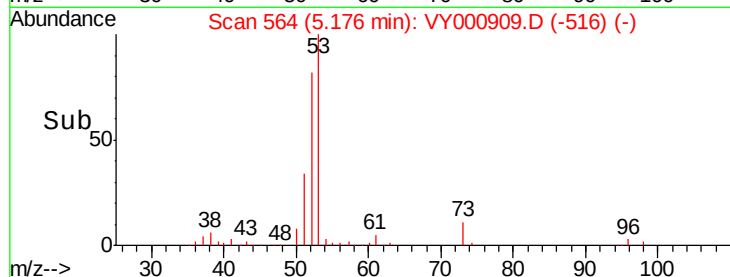
53 100

52 79.6 65.1 97.7

51 34.5 29.0 43.4



Abundance Ion 53.00 (52.70 to 53.70): VY000909.D (-516) (-)



#16

Acetone

Concen: 97.592 ug/l

RT: 3.96 min Scan# 364

Delta R.T. -0.00 min

Lab File: VY000909.D

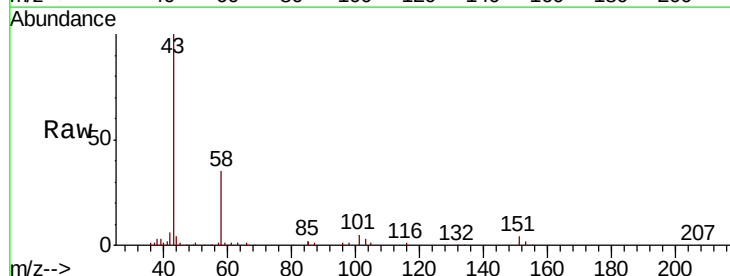
Acq: 09 Dec 2019 12:30

Tgt Ion: 43 Resp: 80327

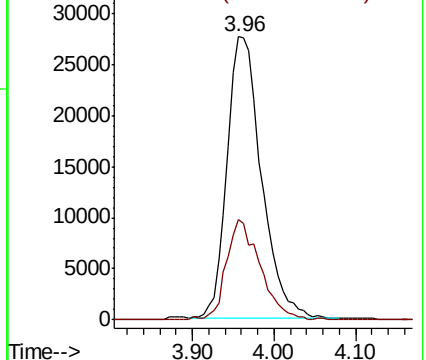
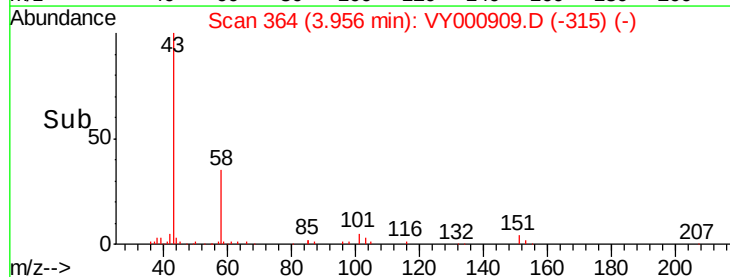
Ion Ratio Lower Upper

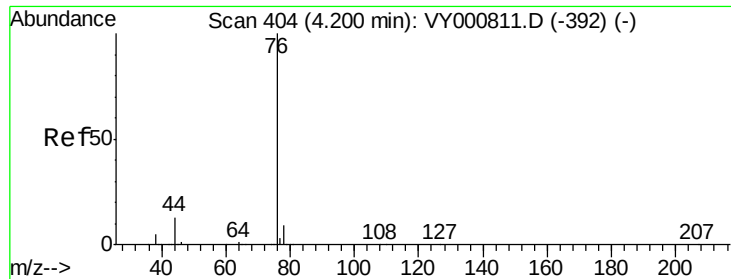
43 100

58 35.4 28.0 42.0



Abundance Ion 43.00 (42.70 to 43.70): VY000909.D (-315) (-)

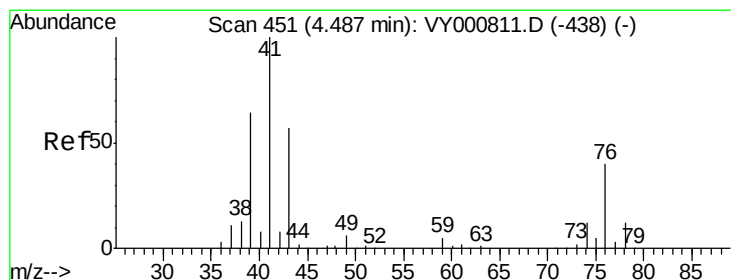
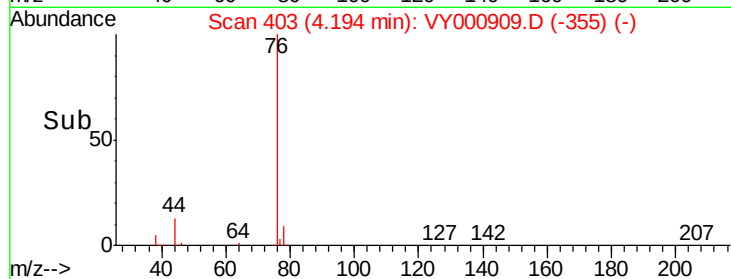
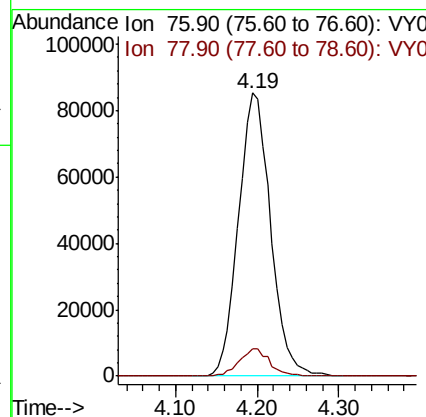
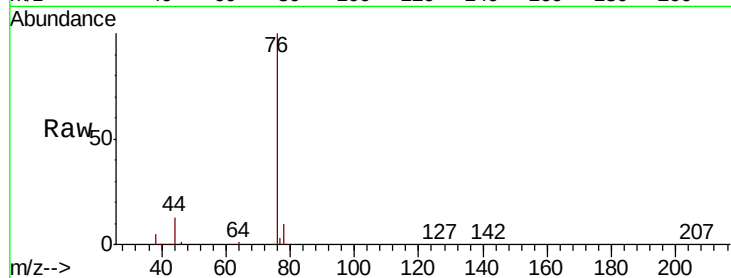




#17
Carbon Disulfide
Concen: 19.434 ug/l
RT: 4.19 min Scan# 403
Delta R.T. -0.01 min
Lab File: VY000909.D
Acq: 09 Dec 2019 12:30

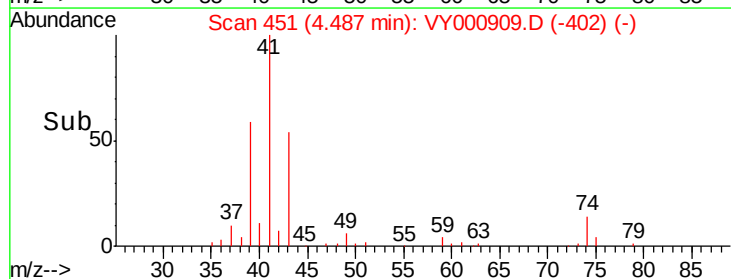
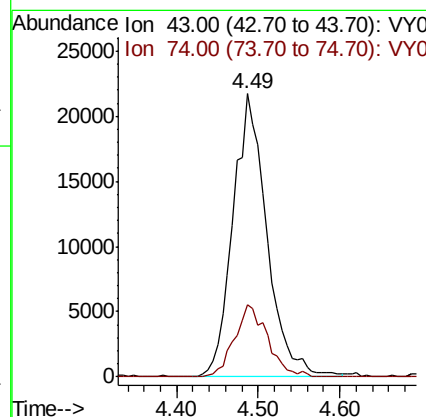
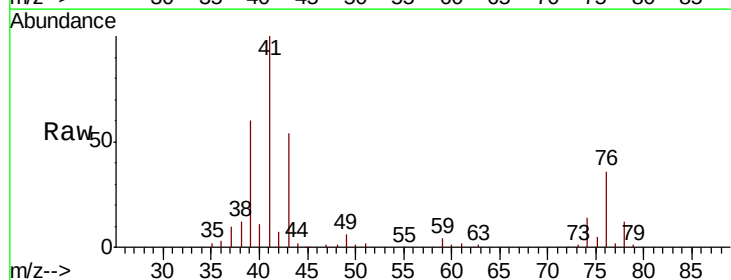
Instrument :
MSVOA_Y
ClientSampleId :

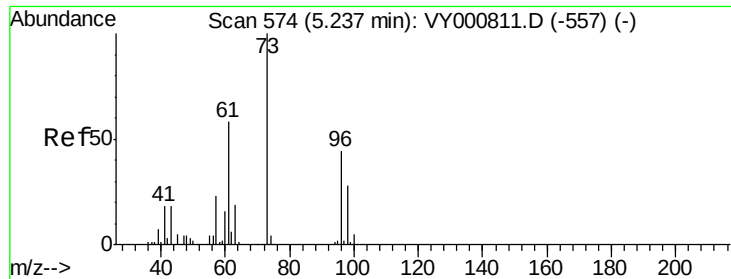
Tot Ion: 76 Resp: 232705
Ion Ratio Lower Upper
76 100
78 9.9 7.3 10.9



#18
Methyl Acetate
Concen: 18.184 ug/l
RT: 4.49 min Scan# 451
Delta R.T. -0.00 min
Lab File: VY000909.D
Acq: 09 Dec 2019 12:30

Tgt Ion: 43 Resp: 62582
Ion Ratio Lower Upper
43 100
74 24.8 18.5 27.7

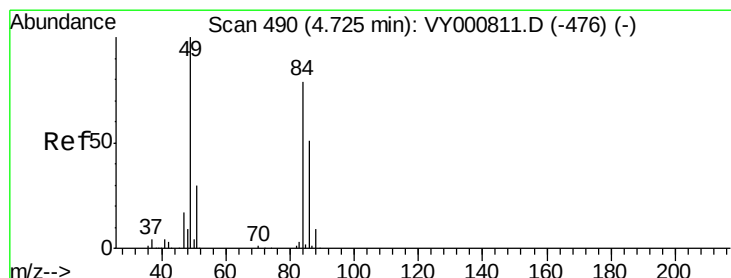
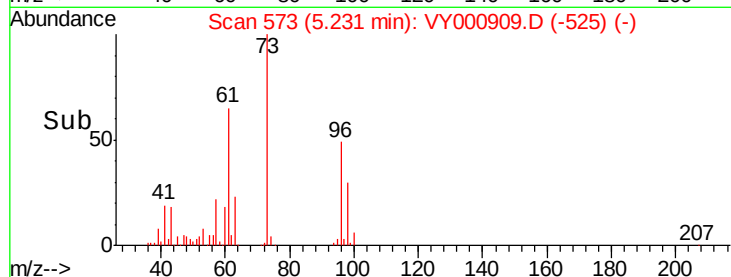
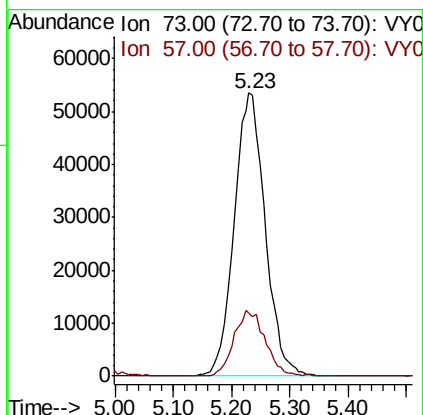
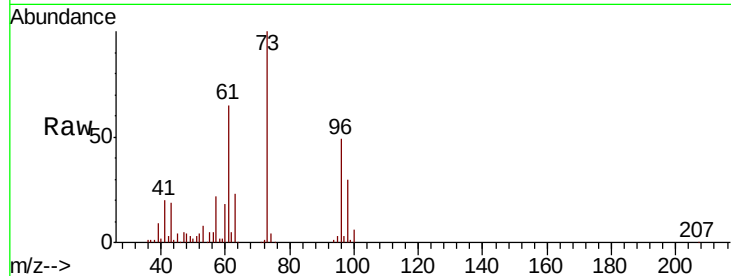




#19
Methyl tert-butyl Ether
Concen: 19.968 ug/l
RT: 5.23 min Scan# 573
Delta R.T. -0.01 min
Lab File: VY000909.D
Acq: 09 Dec 2019 12:30

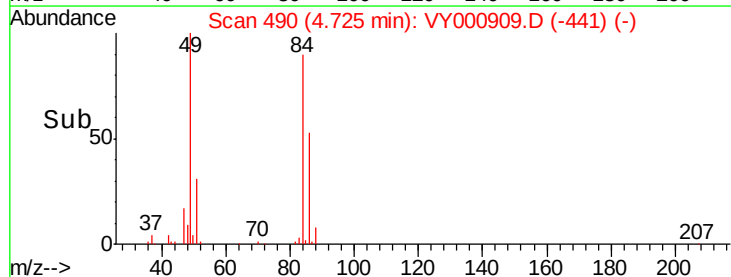
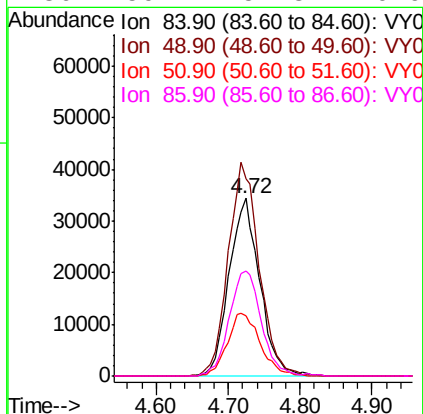
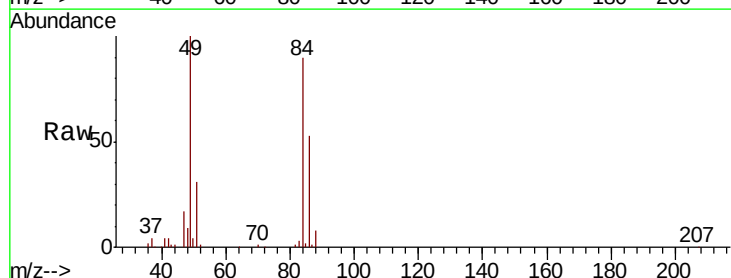
Instrument :
MSVOA_Y
ClientSampleId :

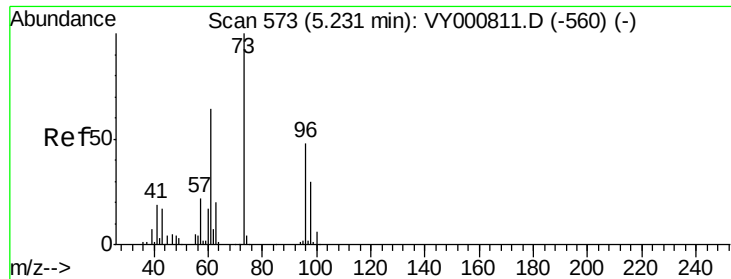
Tot Ion: 73 Resp: 197440
Ion Ratio Lower Upper
73 100
57 22.4 18.2 27.4



#20
Methylene Chloride
Concen: 23.437 ug/l
RT: 4.72 min Scan# 490
Delta R.T. -0.00 min
Lab File: VY000909.D
Acq: 09 Dec 2019 12:30

Tgt Ion: 84 Resp: 101685
Ion Ratio Lower Upper
84 100
49 111.2 101.3 151.9
51 34.1 30.6 45.8
86 59.4 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 20.141 ug/l

RT: 5.22 min Scan# 572

Delta R.T. -0.01 min

Lab File: VY000909.D

Acq: 09 Dec 2019 12:30

Instrument :
MSVOA_Y
ClientSampled :

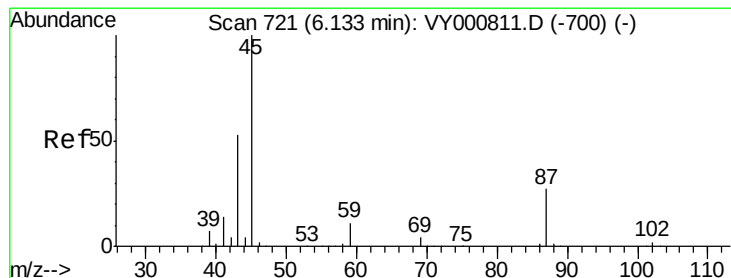
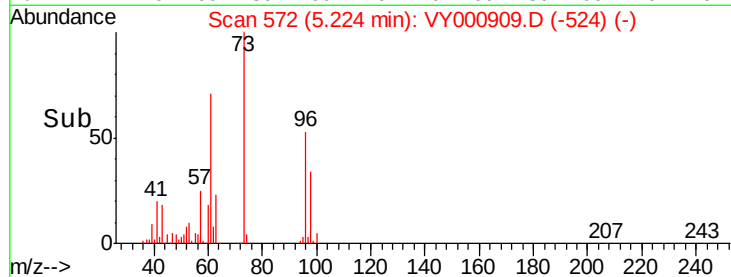
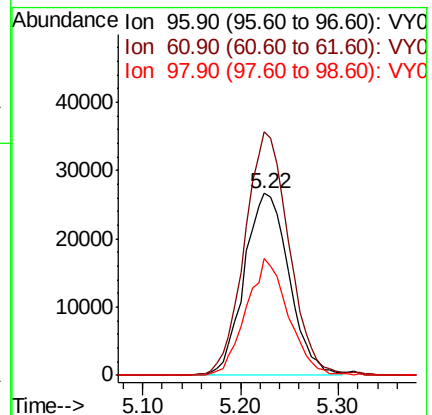
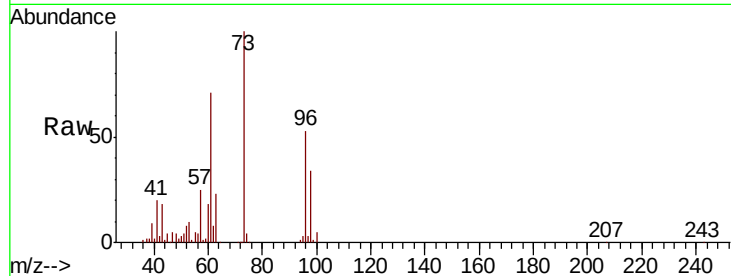
Tot Ion: 96 Resp: 84755

Ion Ratio Lower Upper

96 100

61 133.7 105.9 158.9

98 64.0 49.4 74.2



#22

Diisopropyl ether

Concen: 19.684 ug/l

RT: 6.13 min Scan# 721

Delta R.T. -0.00 min

Lab File: VY000909.D

Acq: 09 Dec 2019 12:30

Tgt Ion: 45 Resp: 256831

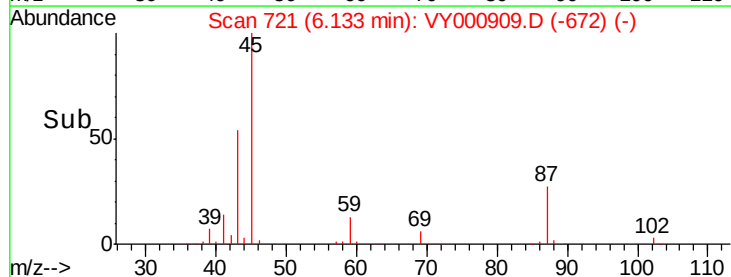
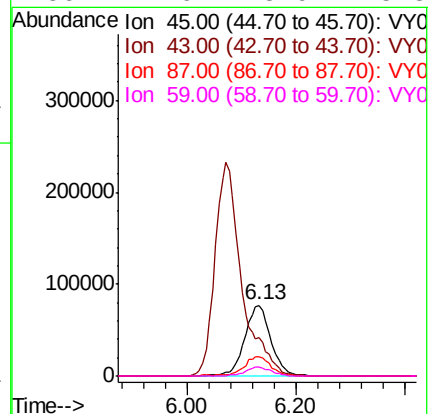
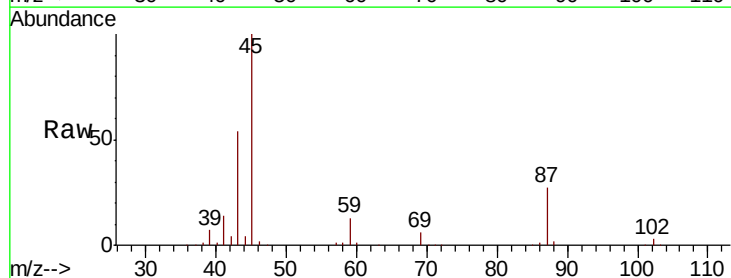
Ion Ratio Lower Upper

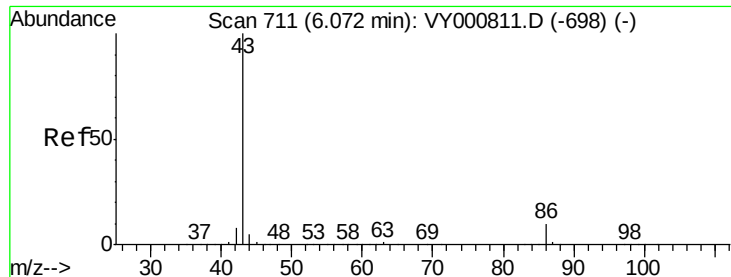
45 100

43 53.4 42.7 64.1

87 26.6 22.0 33.0

59 12.6 8.9 13.3





#23

Vinyl Acetate

Concen: 99.559 ug/l

RT: 6.07 min Scan# 711

Delta R.T. -0.00 min

Lab File: VY000909.D

Acq: 09 Dec 2019 12:30

Instrument :

MSVOA_Y

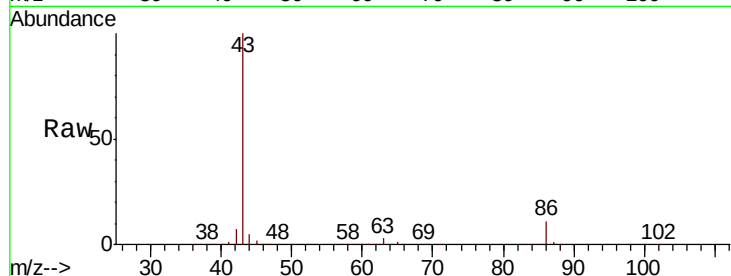
ClientSampleId :

Tot Ion: 43 Resp: 789717

Ion Ratio Lower Upper

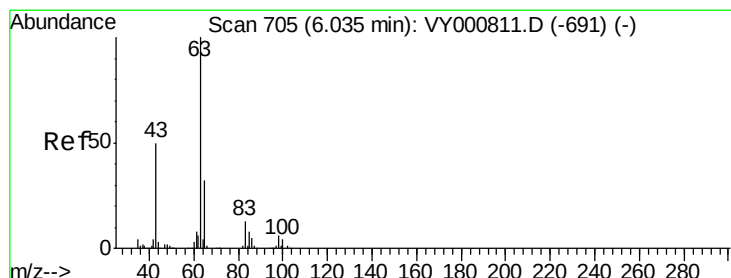
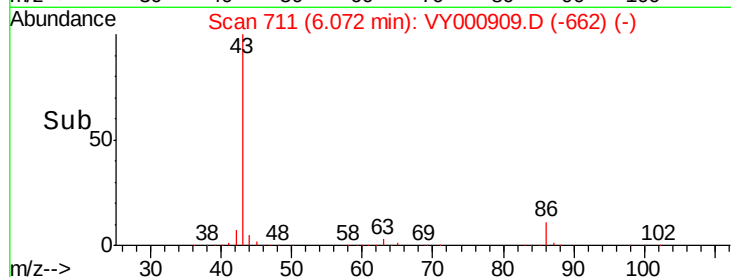
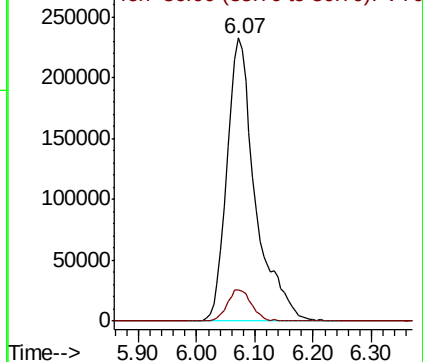
43 100

86 10.9 8.3 12.5



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 19.614 ug/l

RT: 6.03 min Scan# 704

Delta R.T. -0.01 min

Lab File: VY000909.D

Acq: 09 Dec 2019 12:30

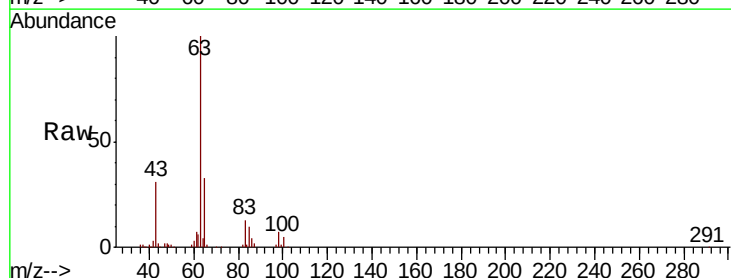
Tgt Ion: 63 Resp: 141051

Ion Ratio Lower Upper

63 100

98 6.8 3.3 9.8

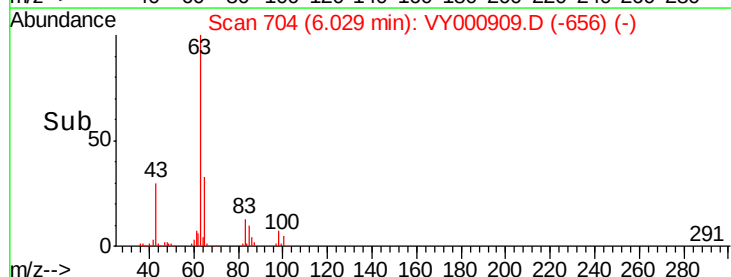
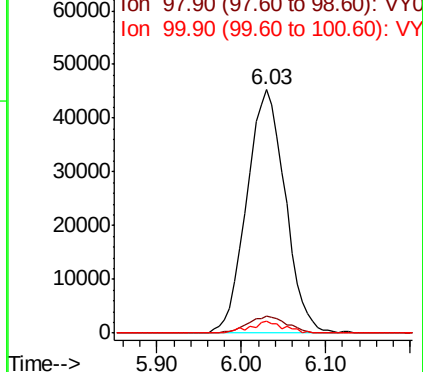
100 5.1 2.2 6.6

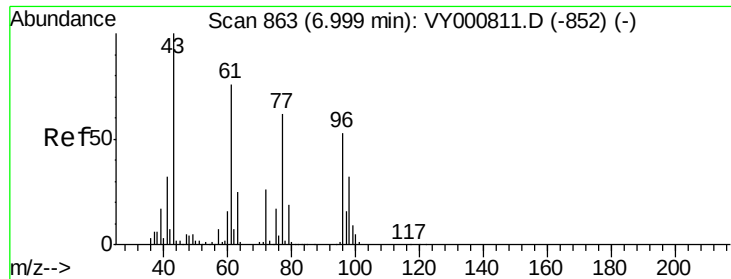


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 93.634 ug/l

RT: 7.00 min Scan# 863

Delta R.T. -0.00 min

Lab File: VY000909.D

Acq: 09 Dec 2019 12:30

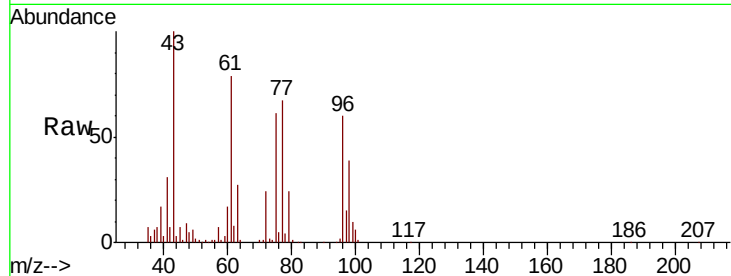
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 43 Resp: 142368

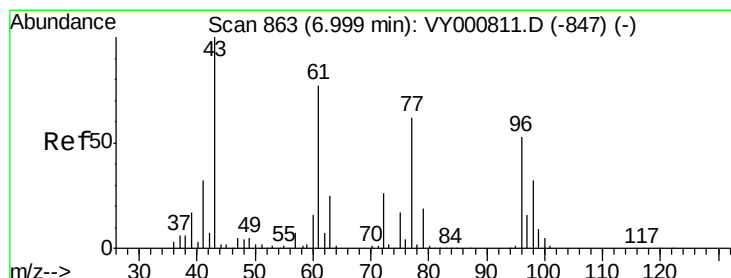
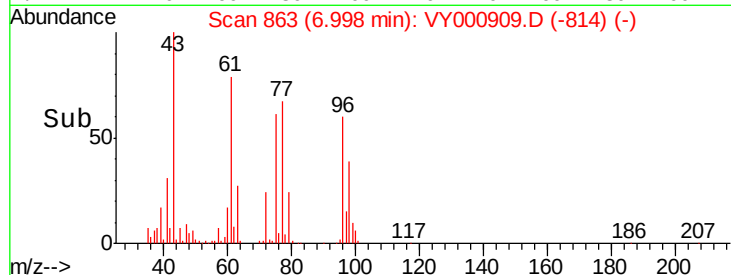
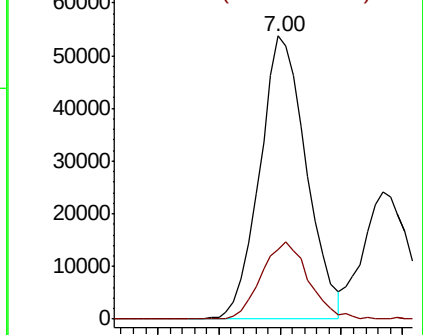
Ion Ratio Lower Upper

43 100

72 24.4 21.0 31.4



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



#26

2,2-Dichloropropane

Concen: 19.761 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.01 min

Lab File: VY000909.D

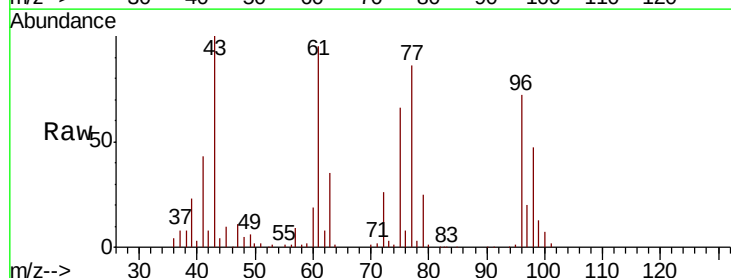
Acq: 09 Dec 2019 12:30

Tgt Ion: 77 Resp: 119607

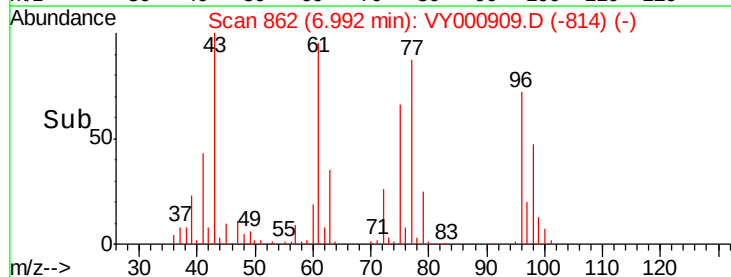
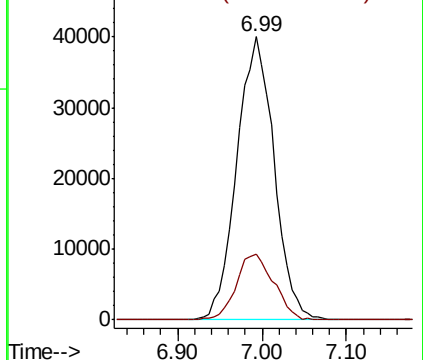
Ion Ratio Lower Upper

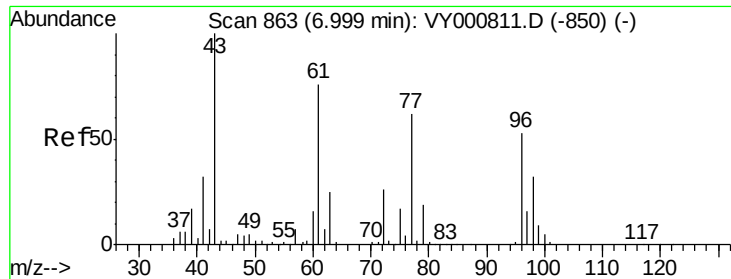
77 100

97 23.4 11.9 35.9



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



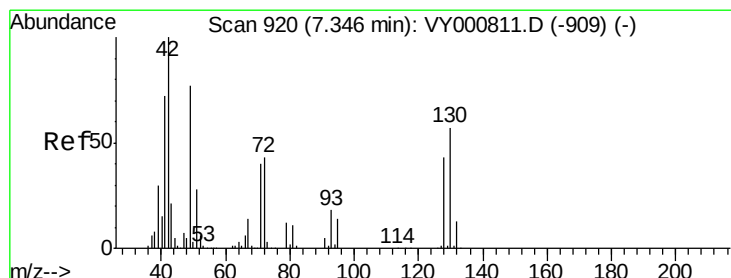
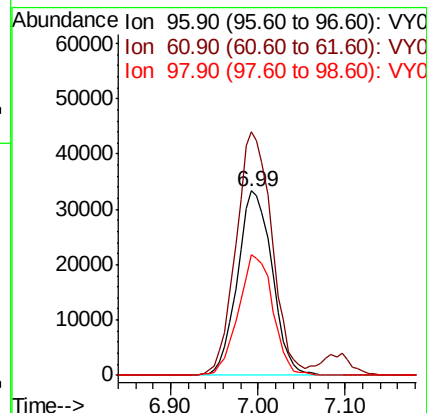
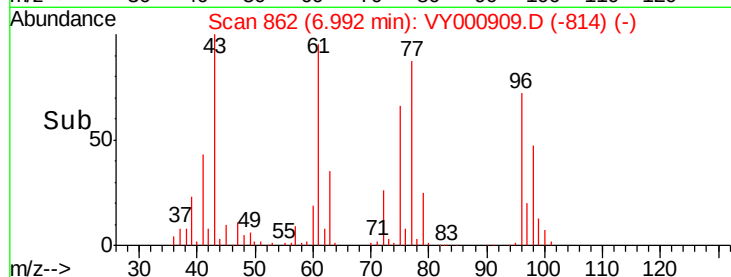
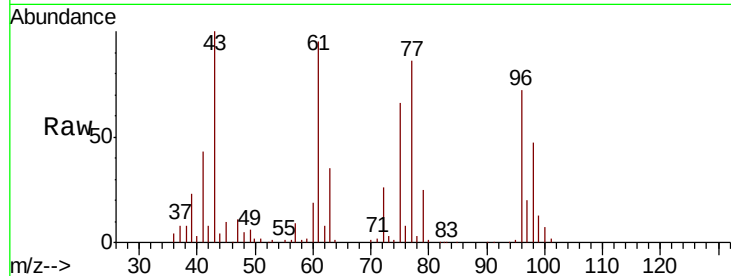


#27

cis-1,2-Dichloroethene
Concen: 20.267 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.01 min
Lab File: VY000909.D
Acq: 09 Dec 2019 12:30

Instrument :
MSVOA_Y
ClientSampleId :

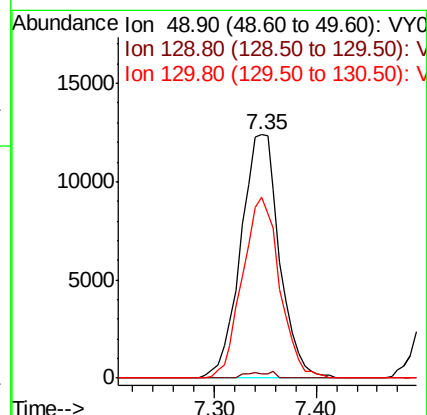
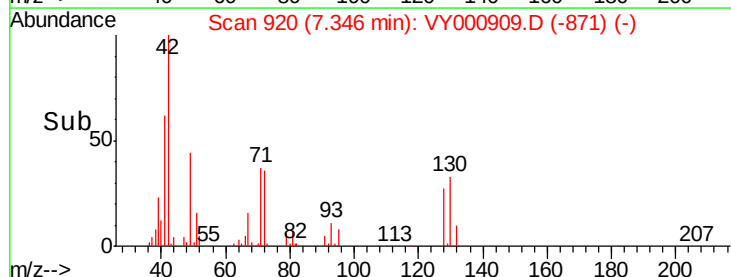
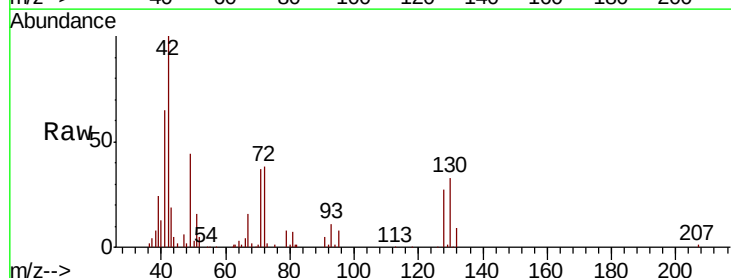
Tot Ion: 96 Resp: 92191
Ion Ratio Lower Upper
96 100
61 135.8 0.0 285.0
98 64.7 0.0 128.0

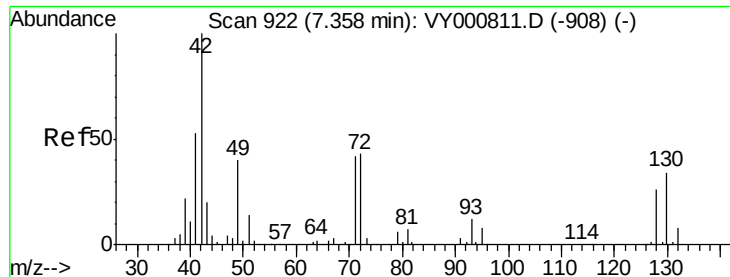


#28

Bromochloromethane
Concen: 13.915 ug/l
RT: 7.35 min Scan# 920
Delta R.T. 0.00 min
Lab File: VY000909.D
Acq: 09 Dec 2019 12:30

Tgt Ion: 49 Resp: 32694
Ion Ratio Lower Upper
49 100
129 1.7 0.0 3.8
130 71.5 58.7 88.1





#29

Tetrahydrofuran

Concen: 97.893 ug/l

RT: 7.36 min Scan# 922

Delta R.T. -0.00 min

Lab File: VY000909.D

Acq: 09 Dec 2019 12:30

Instrument :

MSVOA_Y

ClientSampled :

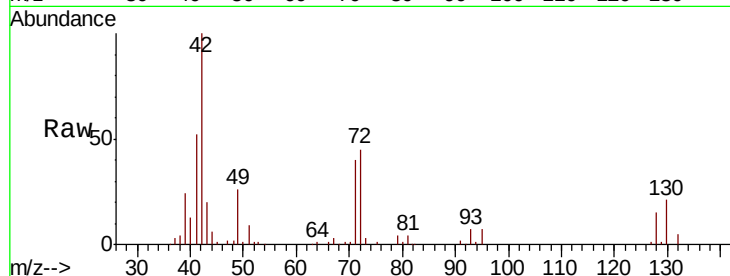
Tot Ion: 42 Resp: 98632

Ion Ratio Lower Upper

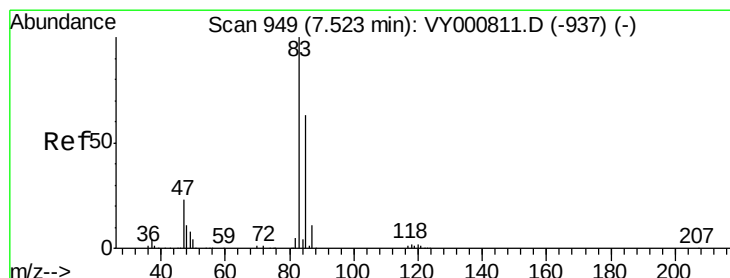
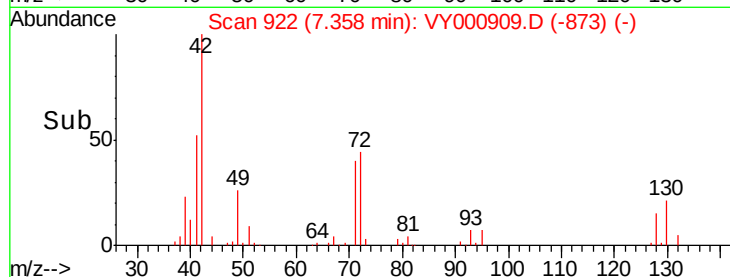
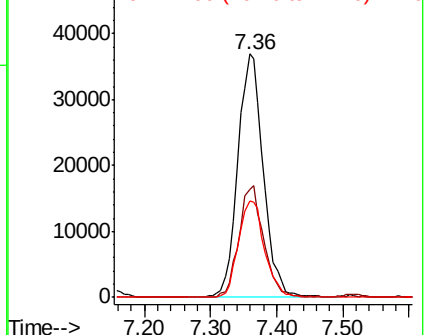
42 100

72 44.9 35.1 52.7

71 40.5 32.8 49.2



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



#30

Chloroform

Concen: 19.019 ug/l

RT: 7.52 min Scan# 948

Delta R.T. -0.01 min

Lab File: VY000909.D

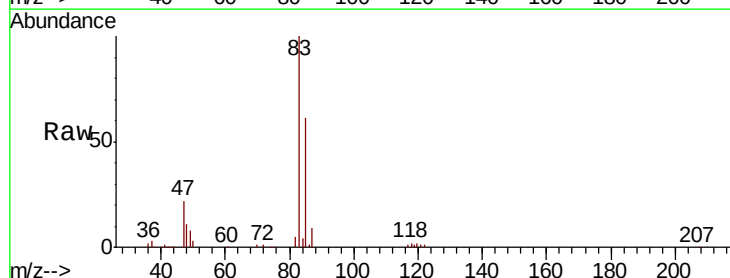
Acq: 09 Dec 2019 12:30

Tgt Ion: 83 Resp: 137204

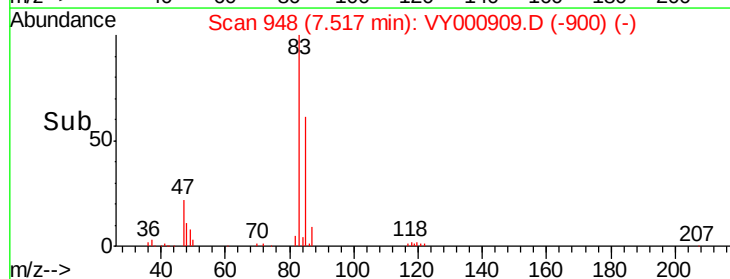
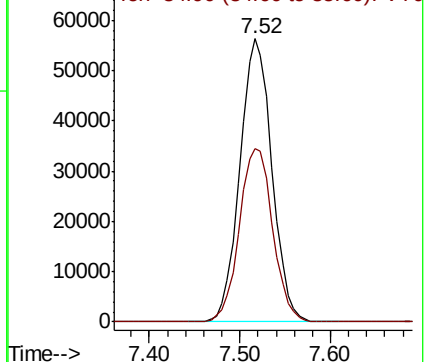
Ion Ratio Lower Upper

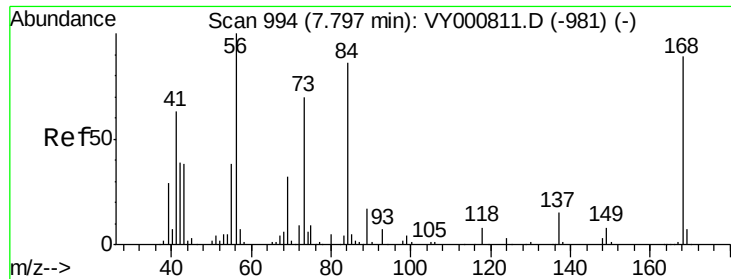
83 100

85 61.0 50.4 75.6



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

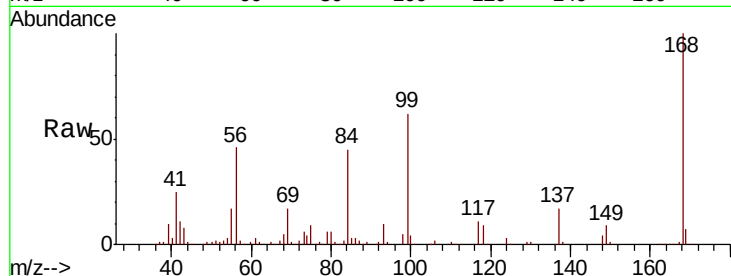




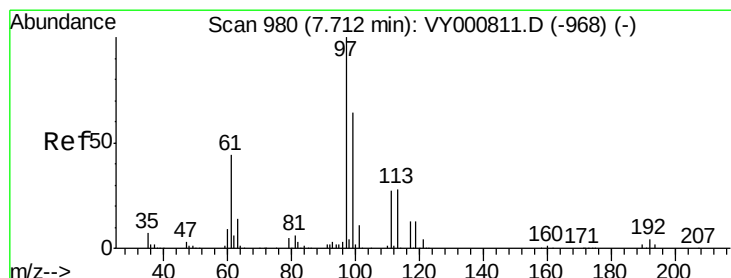
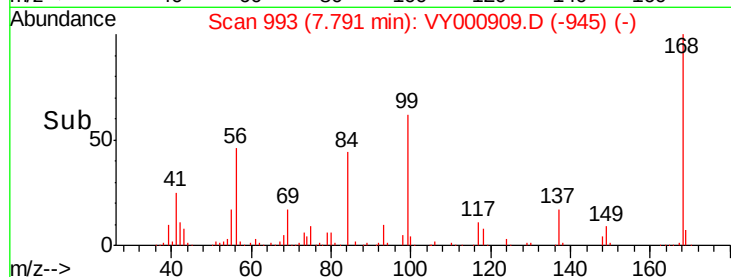
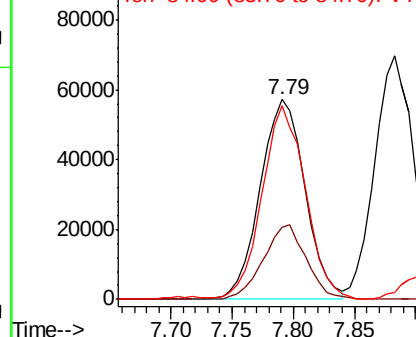
#31
Cyclohexane
Concen: 19.226 ug/l
RT: 7.79 min Scan# 993
Delta R.T. -0.01 min
Lab File: VY000909.D
Acq: 09 Dec 2019 12:30

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 56 Resp: 146466
Ion Ratio Lower Upper
56 100
69 35.8 25.9 38.9
84 95.7 68.6 102.8

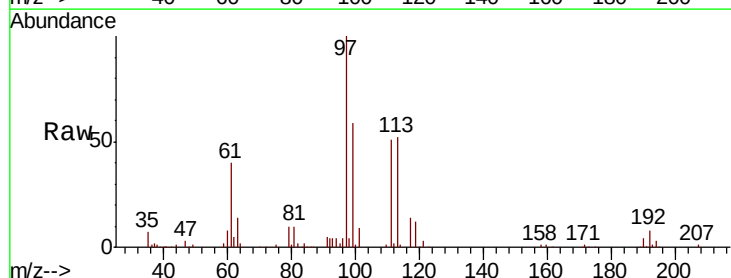


Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0

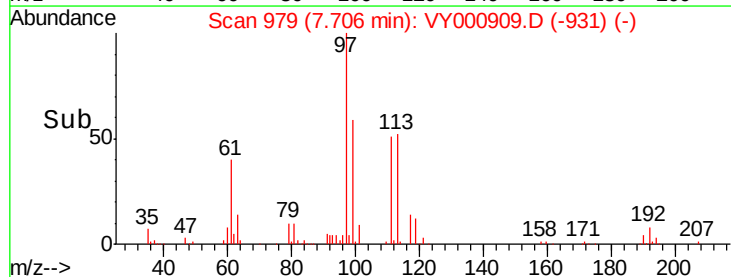
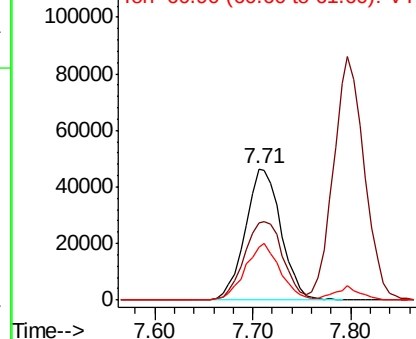


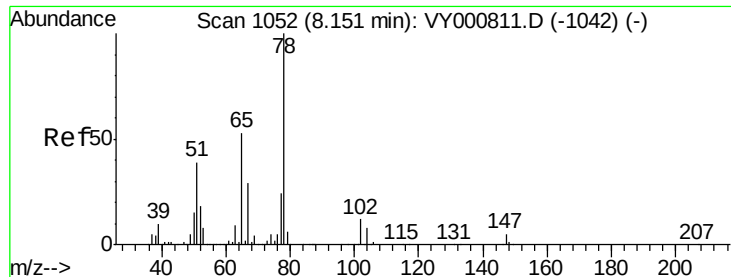
#32
1,1,1-Trichloroethane
Concen: 19.631 ug/l
RT: 7.71 min Scan# 979
Delta R.T. -0.01 min
Lab File: VY000909.D
Acq: 09 Dec 2019 12:30

Tgt Ion: 97 Resp: 116947
Ion Ratio Lower Upper
97 100
99 64.8 51.7 77.5
61 42.2 35.0 52.6



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

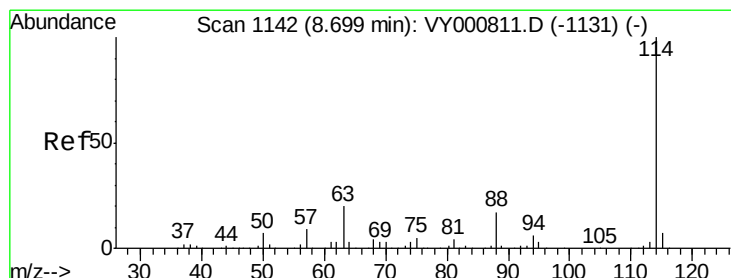
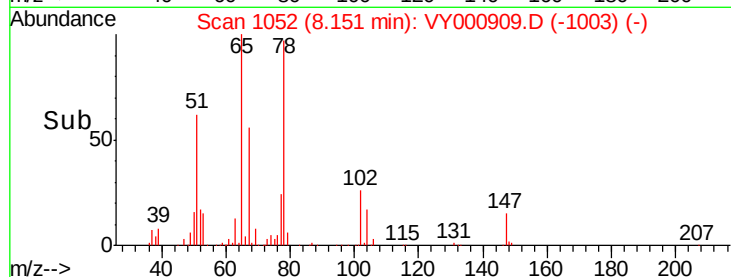
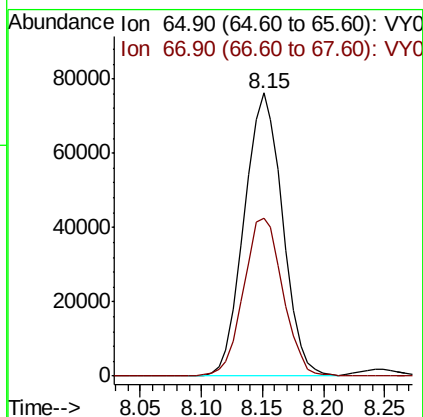
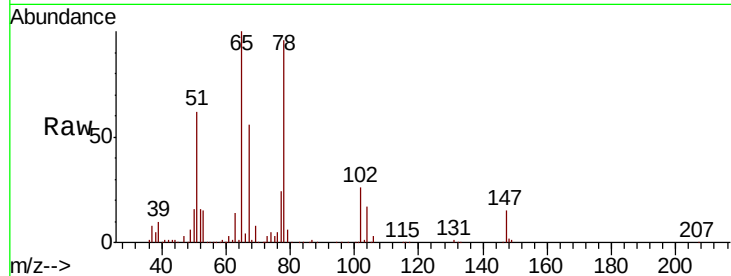




#33
 1,2-Dichloroethane-d4
 Concen: 46.358 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VY000909.D
 Acq: 09 Dec 2019 12:30

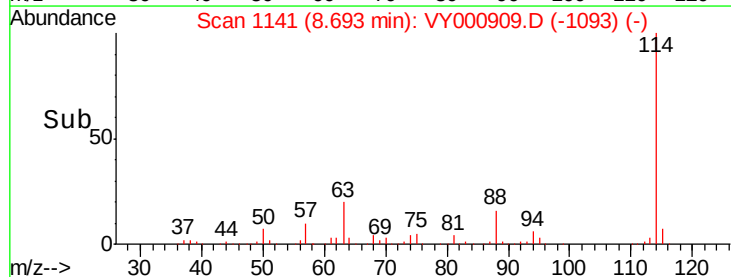
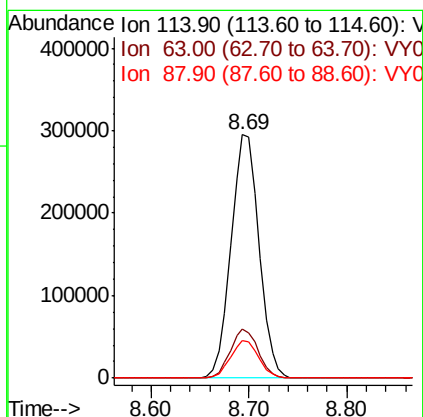
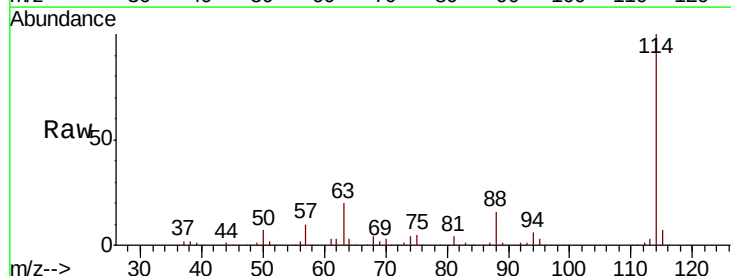
Instrument :
 MSVOA_Y
 ClientSampleId :

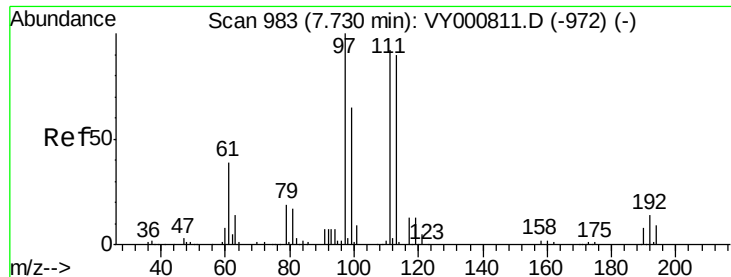
Tot Ion: 65 Resp: 166333
 Ion Ratio Lower Upper
 65 100
 67 57.3 0.0 112.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: VY000909.D
 Acq: 09 Dec 2019 12:30

Tgt Ion: 114 Resp: 585585
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 39.8
 88 15.6 0.0 33.2

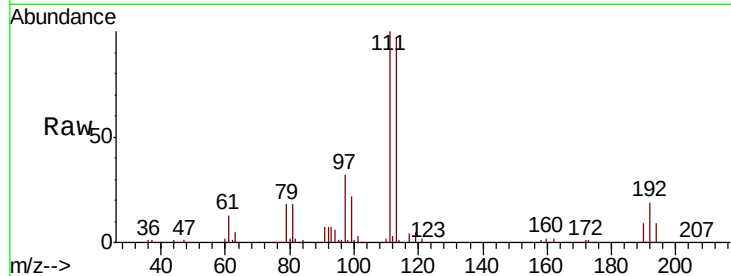




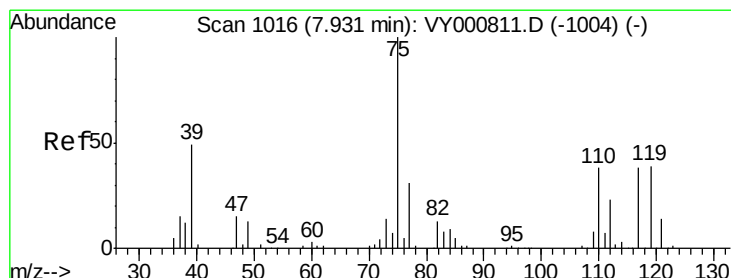
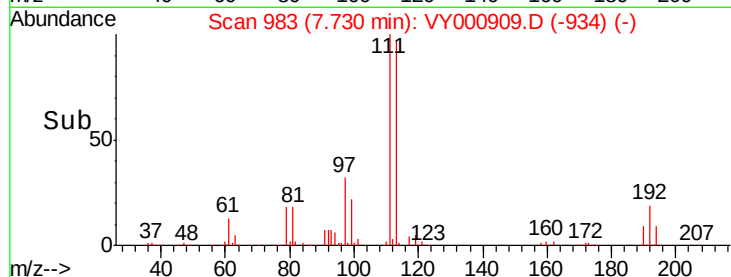
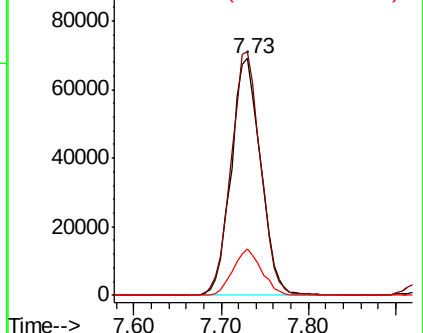
#35
 Dibromofluoromethane
 Concen: 47.659 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.00 min
 Lab File: VY000909.D
 Acq: 09 Dec 2019 12:30

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion:113 Resp: 162650
 Ion Ratio Lower Upper
 113 100
 111 102.3 82.4 123.6
 192 18.8 14.2 21.2

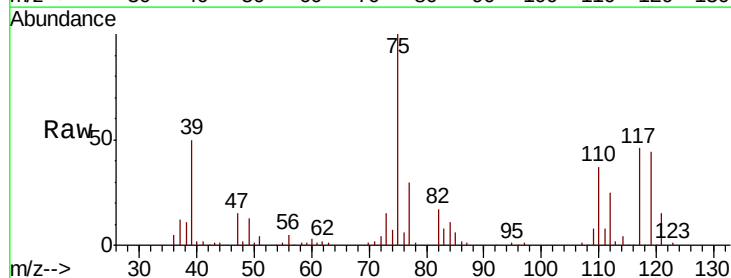


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

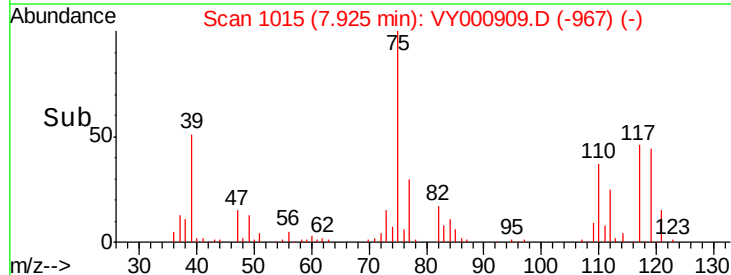
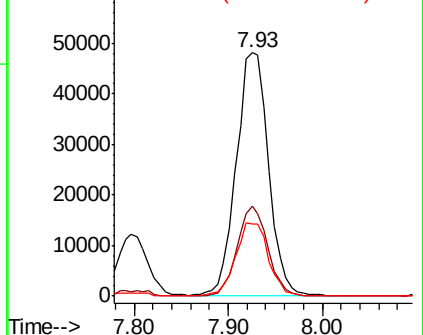


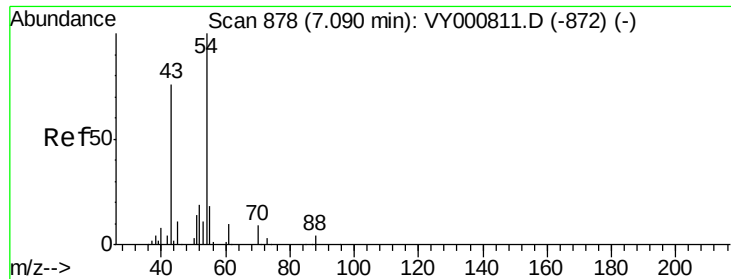
#36
 1,1-Dichloropropene
 Concen: 19.756 ug/l
 RT: 7.93 min Scan# 1015
 Delta R.T. -0.01 min
 Lab File: VY000909.D
 Acq: 09 Dec 2019 12:30

Tgt Ion: 75 Resp: 115029
 Ion Ratio Lower Upper
 75 100
 110 34.7 17.9 53.7
 77 30.9 24.7 37.1



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

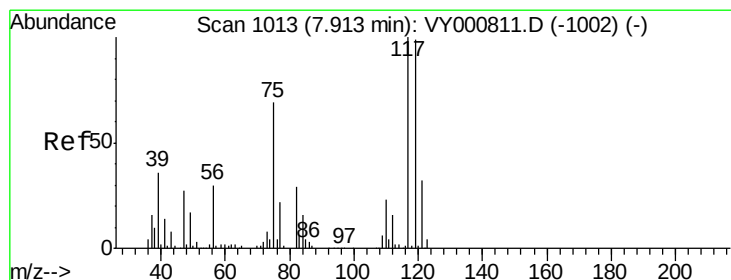
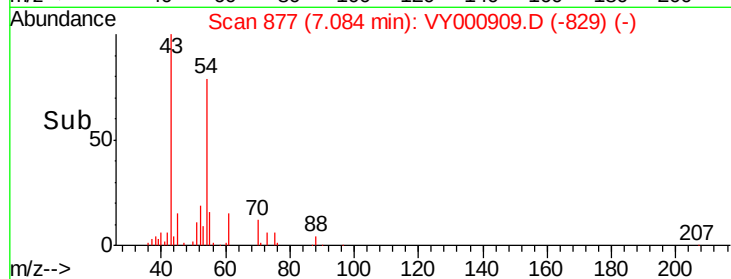
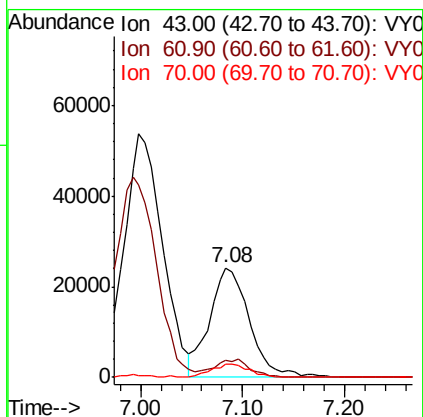
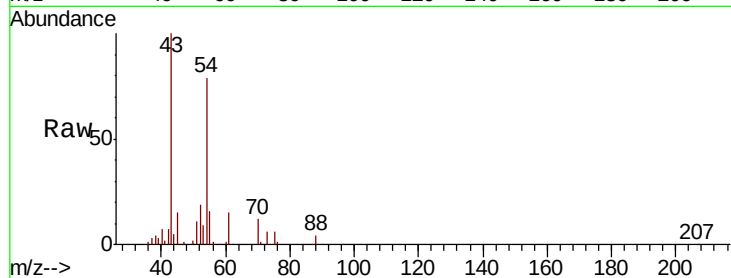




#37
Ethyl Acetate
Concen: 19.350 ug/l
RT: 7.08 min Scan# 877
Delta R.T. -0.01 min
Lab File: VY000909.D
Acq: 09 Dec 2019 12:30

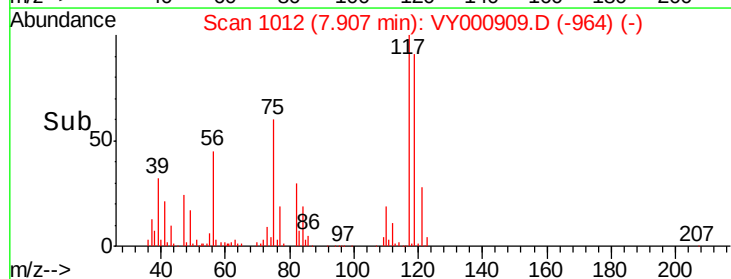
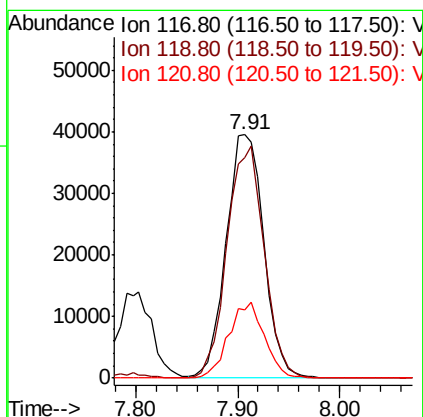
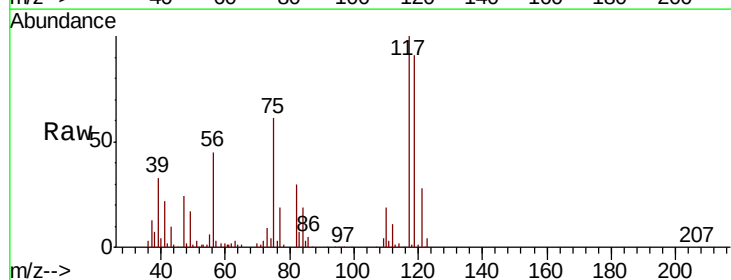
Instrument :
MSVOA_Y
ClientSampled :

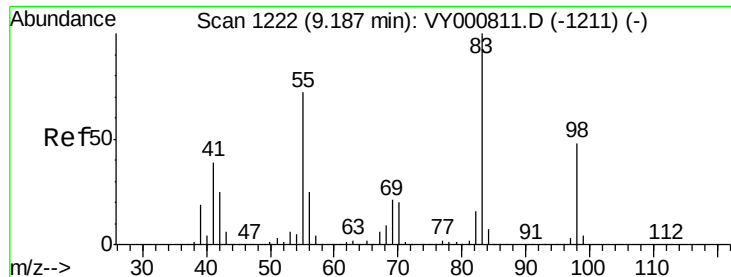
Tot Ion: 43 Resp: 65053
Ion Ratio Lower Upper
43 100
61 14.2 11.8 17.8
70 11.5 8.7 13.1



#38
Carbon Tetrachloride
Concen: 19.484 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.01 min
Lab File: VY000909.D
Acq: 09 Dec 2019 12:30

Tgt Ion: 117 Resp: 101028
Ion Ratio Lower Upper
117 100
119 90.9 79.3 118.9
121 28.1 25.5 38.3

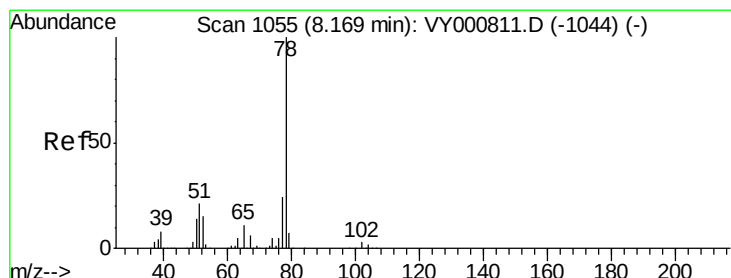
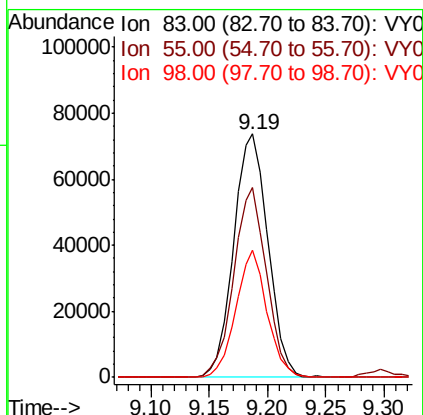
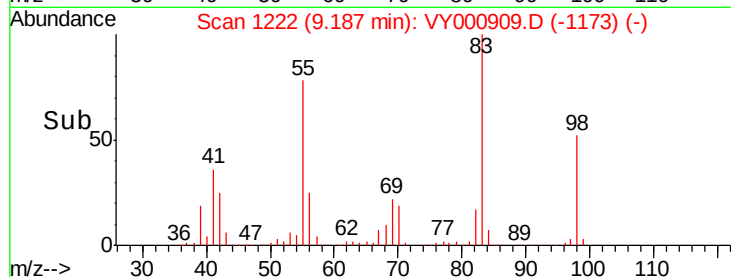
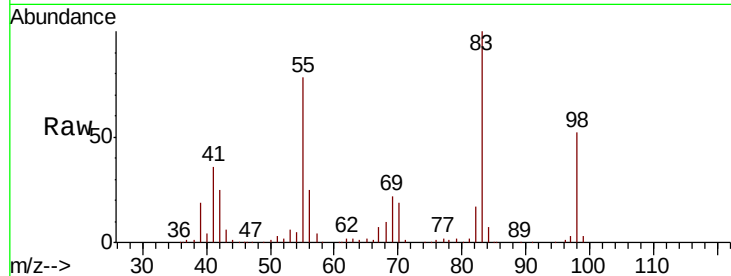




#39
Methylvlcyclohexane
Concen: 19.589 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY000909.D
Acq: 09 Dec 2019 12:30

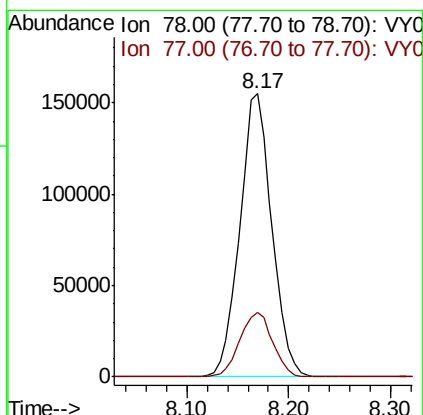
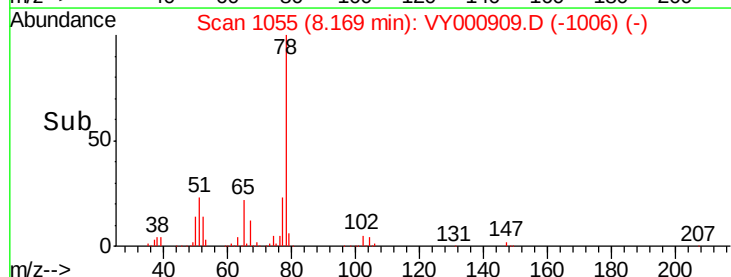
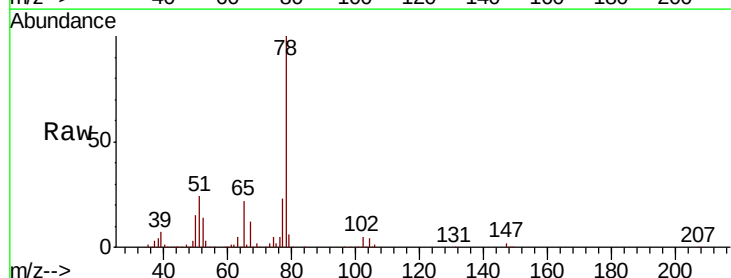
Instrument :
MSVOA_Y
ClientSampled :

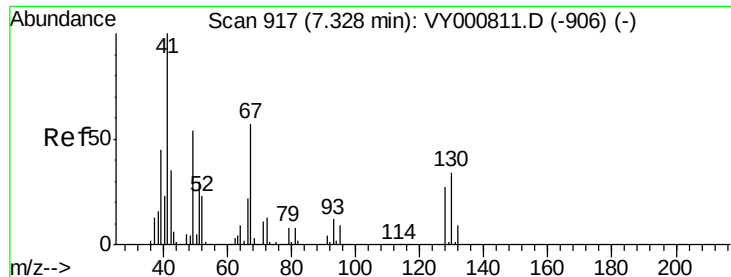
Tot Ion: 83 Resp: 151108
Ion Ratio Lower Upper
83 100
55 78.0 57.8 86.6
98 52.2 38.6 58.0



#40
Benzene
Concen: 19.858 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.00 min
Lab File: VY000909.D
Acq: 09 Dec 2019 12:30

Tgt Ion: 78 Resp: 336782
Ion Ratio Lower Upper
78 100
77 22.7 19.2 28.8

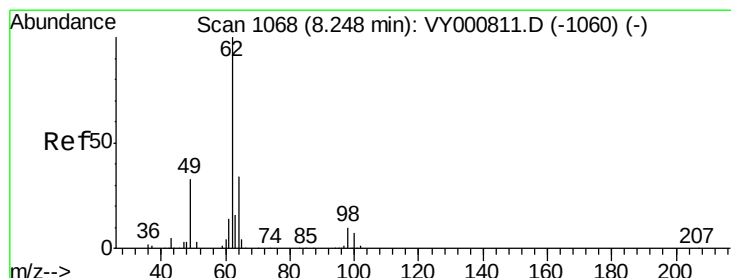
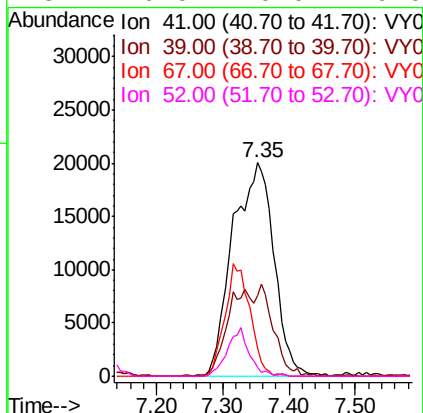
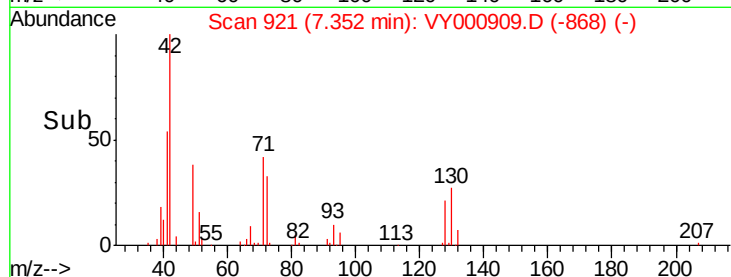
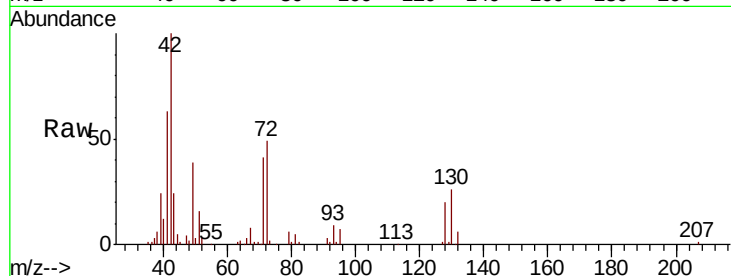




#41
Methacrylonitrile
Concen: 48.948 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.02 min
Lab File: VY000909.D
Acq: 09 Dec 2019 12:30

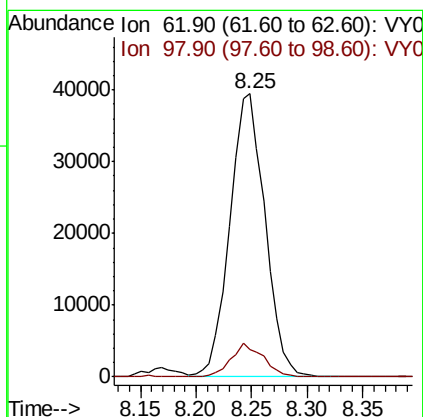
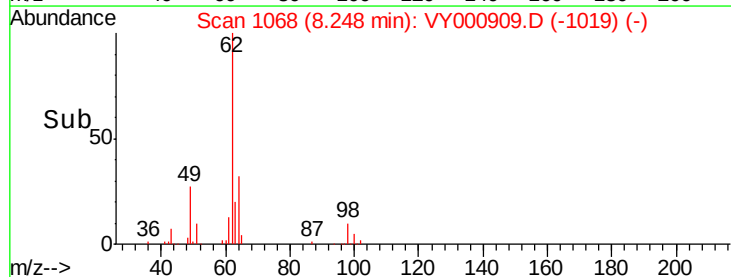
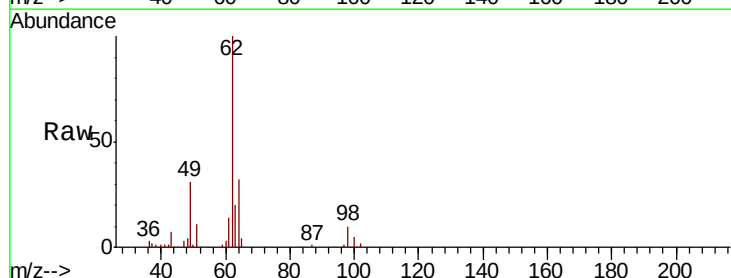
Instrument :
MSVOA_Y
ClientSampleId :

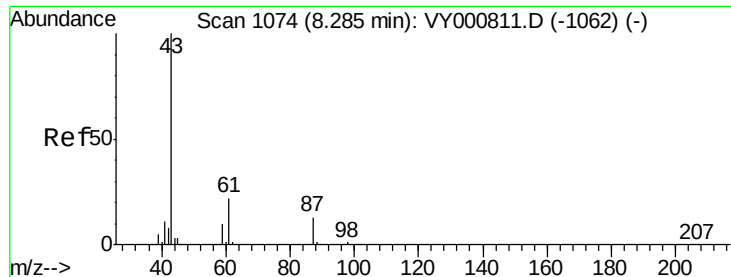
Tot Ion: 41 Resp: 86734
Ion Ratio Lower Upper
41 100
39 0.0 95.7 143.5#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 19.329 ug/l
RT: 8.25 min Scan# 1068
Delta R.T. -0.00 min
Lab File: VY000909.D
Acq: 09 Dec 2019 12:30

Tgt Ion: 62 Resp: 86211
Ion Ratio Lower Upper
62 100
98 10.9 0.0 21.4





#43

Isopropyl Acetate

Concen: 19.414 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. -0.01 min

Lab File: VY000909.D

Acq: 09 Dec 2019 12:30

Instrument :

MSVOA_Y

ClientSampleId :

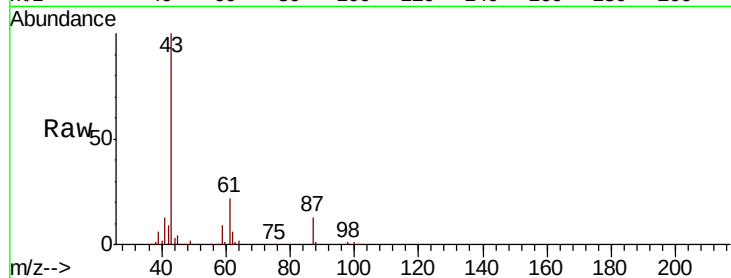
Tot Ion: 43 Resp: 122999

Ion Ratio Lower Upper

43 100

61 29.9 23.7 35.5

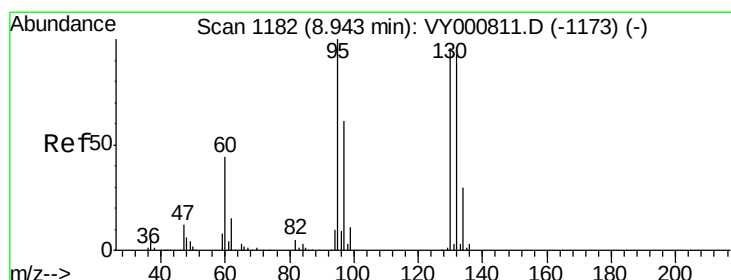
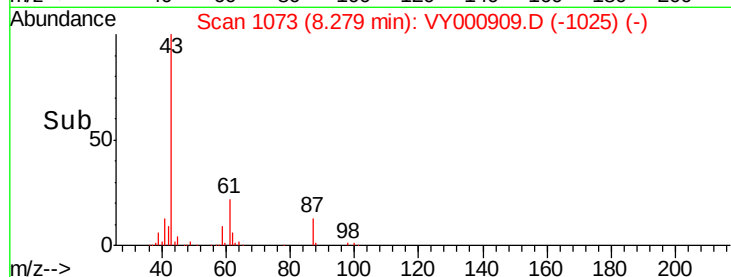
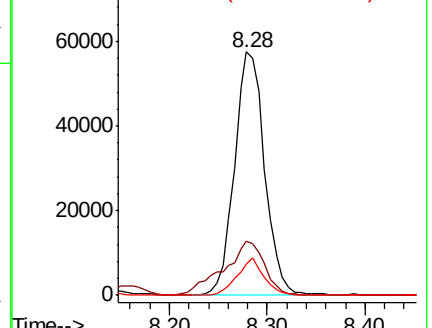
87 13.4 10.6 15.8



Abundance Ion 43.00 (42.70 to 43.70): VY000811.D (-1062) (-)

Ion 61.00 (60.70 to 61.70): VY000811.D (-1062) (-)

Ion 87.00 (86.70 to 87.70): VY000811.D (-1062) (-)



#44

Trichloroethene

Concen: 20.279 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VY000909.D

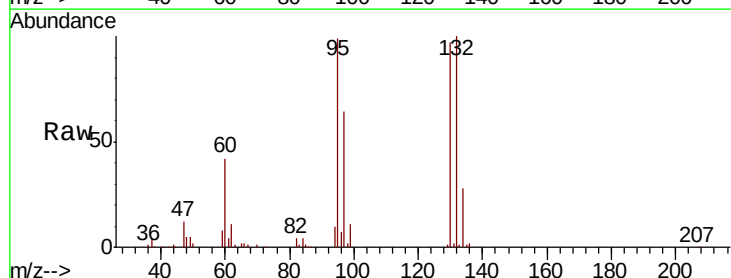
Acq: 09 Dec 2019 12:30

Tgt Ion:130 Resp: 88391

Ion Ratio Lower Upper

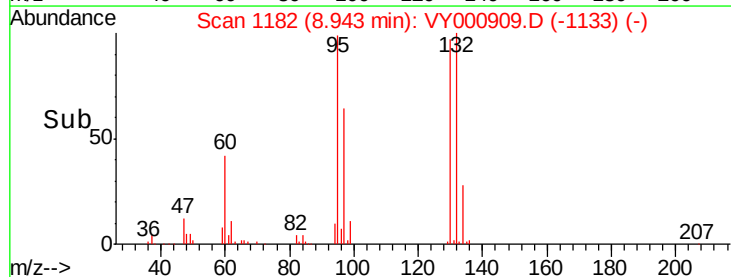
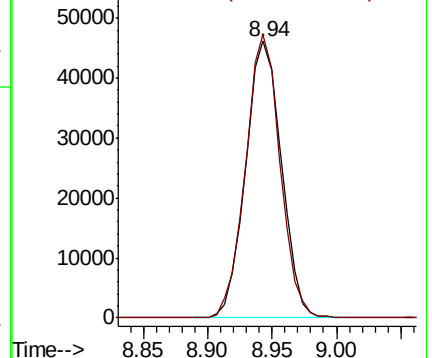
130 100

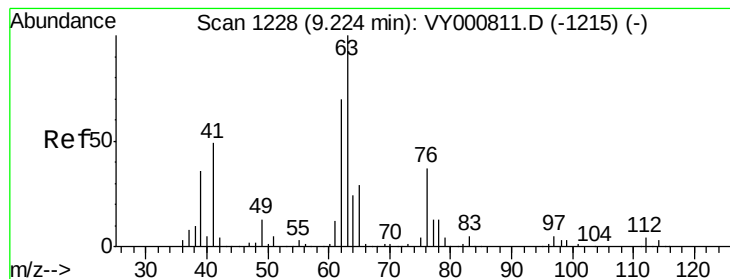
95 102.4 0.0 207.8



Abundance Ion 129.80 (129.50 to 130.50): VY000811.D (-1173) (-)

Ion 94.90 (94.60 to 95.60): VY000811.D (-1173) (-)





#45

1,2-Dichloropropane

Concen: 20.160 ug/l

RT: 9.22 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VY000909.D

Acq: 09 Dec 2019 12:30

Instrument :

MSVOA_Y

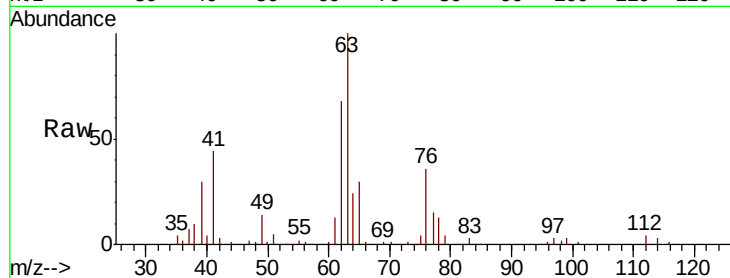
ClientSampled :

Tot Ion: 63 Resp: 85881

Ion Ratio Lower Upper

63 100

65 30.1 23.2 34.8



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 64.90 (64.60 to 65.60): VY0

9.22

40000

30000

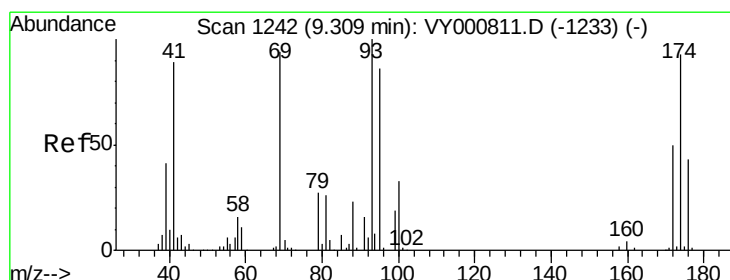
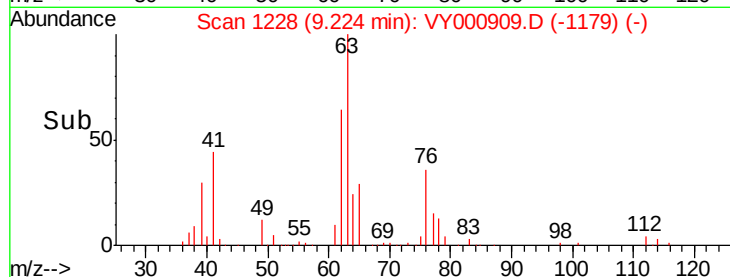
20000

10000

0

Time-->

9.10 9.15 9.20 9.25 9.30



#46

Dibromomethane

Concen: 20.029 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. -0.00 min

Lab File: VY000909.D

Acq: 09 Dec 2019 12:30

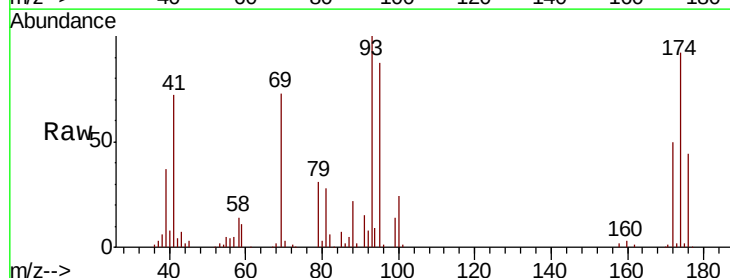
Tgt Ion: 93 Resp: 44582

Ion Ratio Lower Upper

93 100

95 85.0 66.4 99.6

174 89.3 73.0 109.6



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

9.31

30000

25000

20000

15000

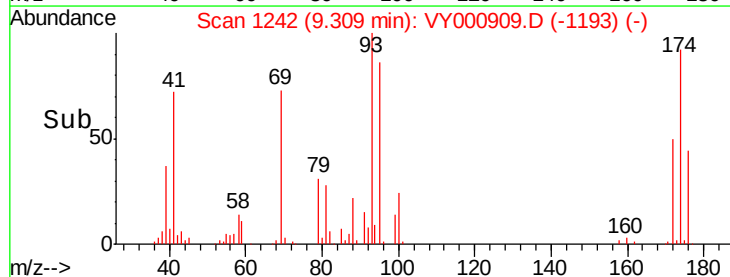
10000

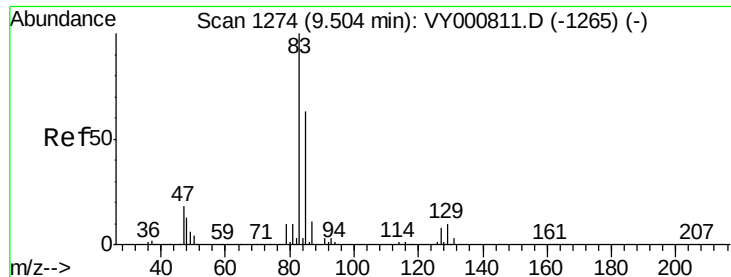
5000

0

Time-->

9.20 9.25 9.30 9.35 9.40





#47

Bromodichloromethane

Concen: 19.533 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.01 min

Lab File: VY000909.D

Acq: 09 Dec 2019 12:30

Instrument :
MSVOA_Y
ClientSampleId :

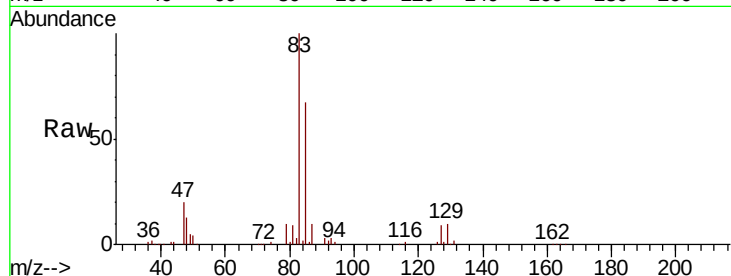
Tot Ion: 83 Resp: 102133

Ion Ratio Lower Upper

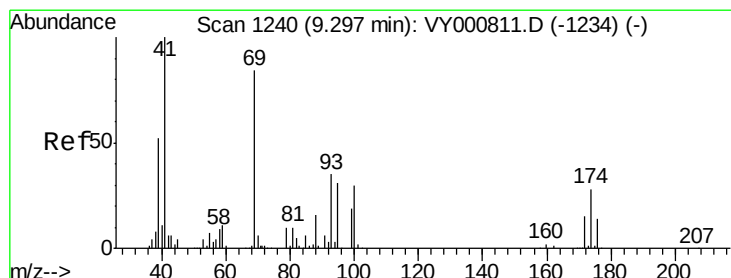
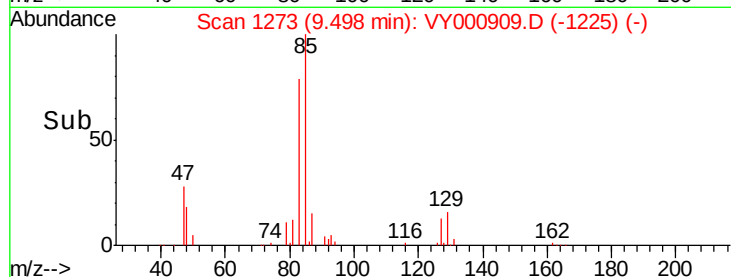
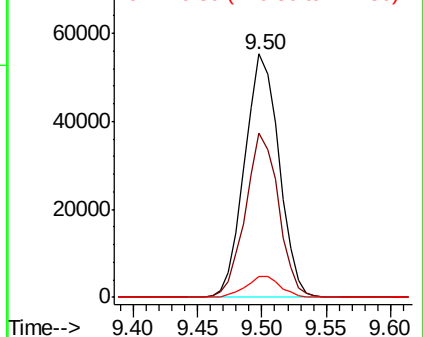
83 100

85 67.3 50.8 76.2

127 8.7 6.6 10.0



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: 18.783 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VY000909.D

Acq: 09 Dec 2019 12:30

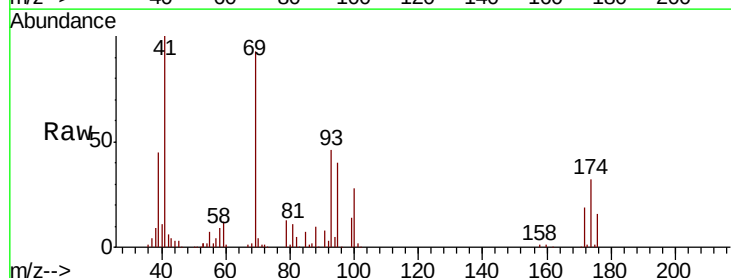
Tgt Ion: 41 Resp: 52330

Ion Ratio Lower Upper

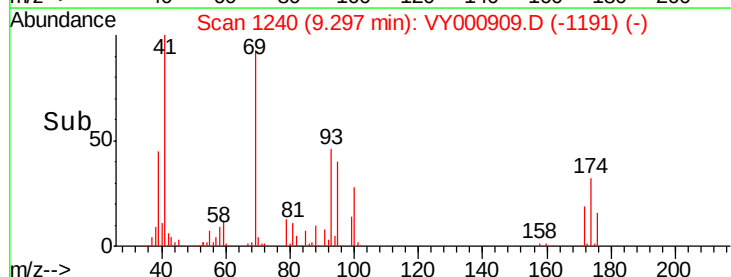
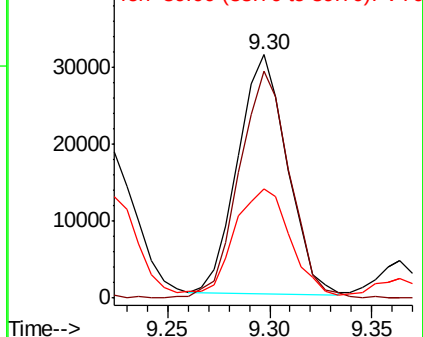
41 100

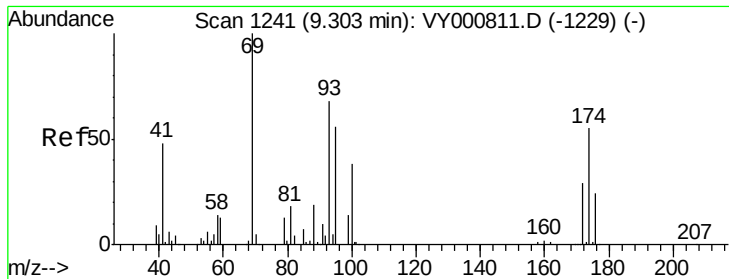
69 96.6 70.4 105.6

39 51.8 40.9 61.3



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

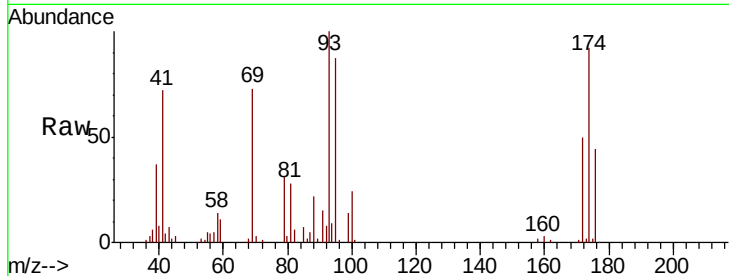




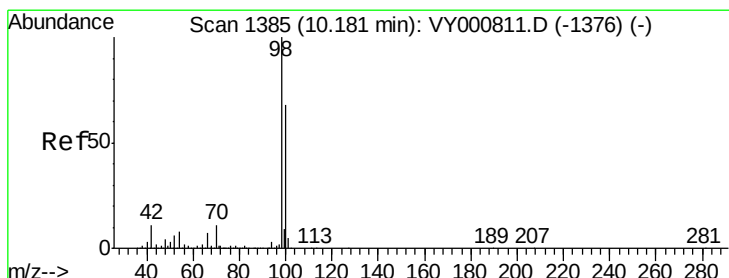
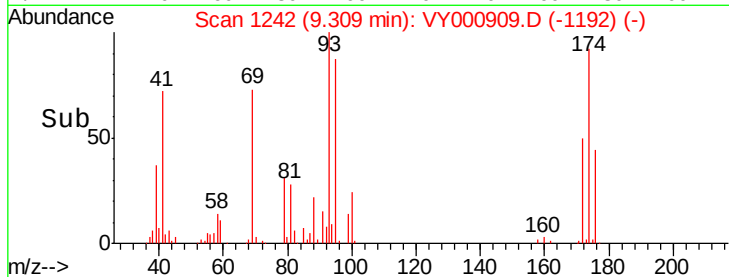
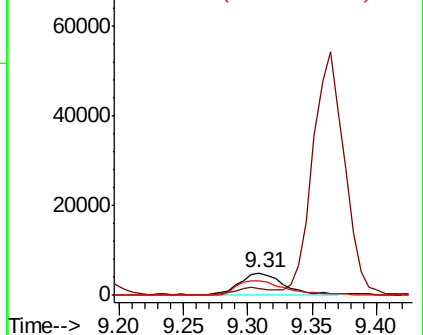
#49
1,4-Dioxane
Concen: 381.251 ug/l
RT: 9.31 min Scan# 1242
Delta R.T. 0.01 min
Lab File: VY000909.D
Acq: 09 Dec 2019 12:30

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 88 Resp: 12024
Ion Ratio Lower Upper
88 100
43 23.9 21.1 31.7
58 70.5 50.7 76.1

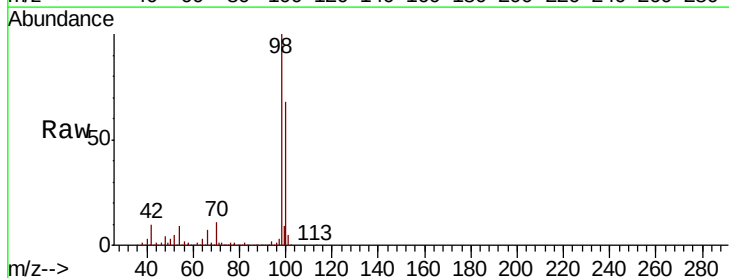


Abundance Ion 88.00 (87.70 to 88.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0

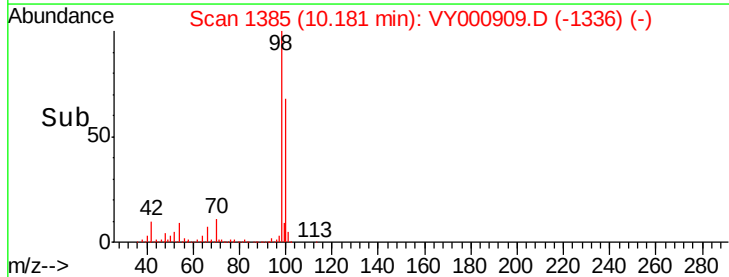
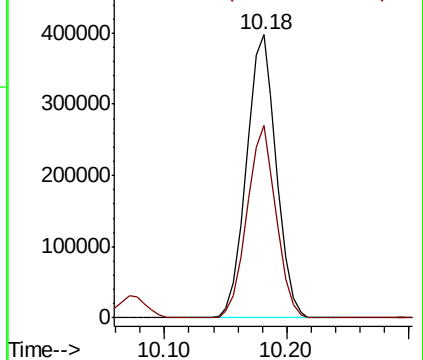


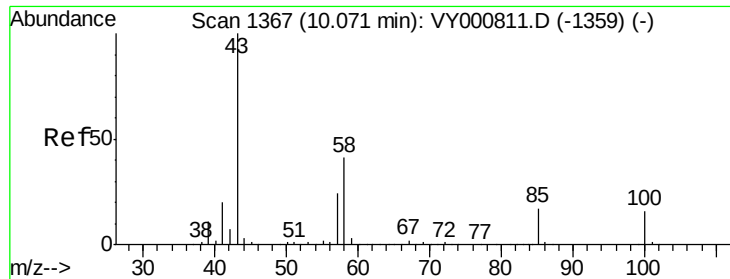
#50
Toluene-d8
Concen: 49.206 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY000909.D
Acq: 09 Dec 2019 12:30

Tgt Ion: 98 Resp: 671373
Ion Ratio Lower Upper
98 100
100 66.3 53.1 79.7



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

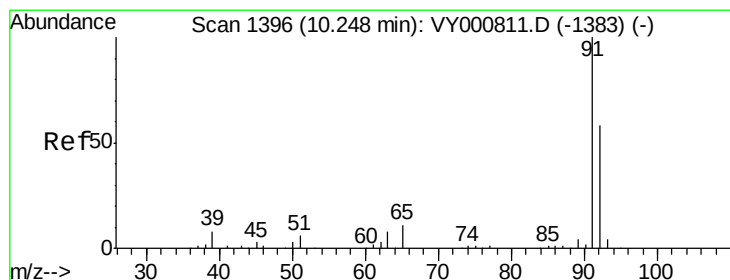
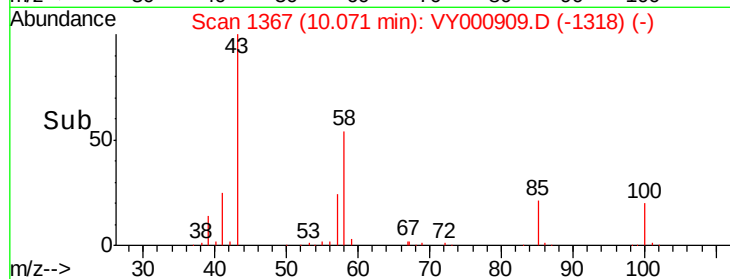
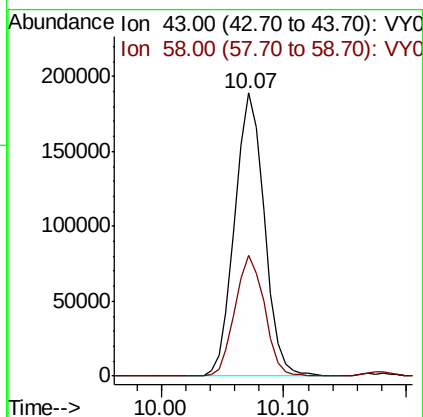
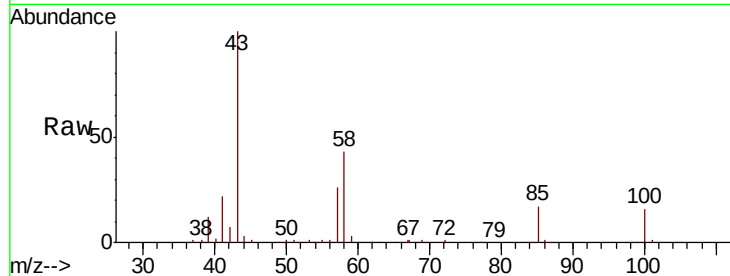




#51
4-Methyl-2-Pentanone
Concen: 97.278 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VY000909.D
Acq: 09 Dec 2019 12:30

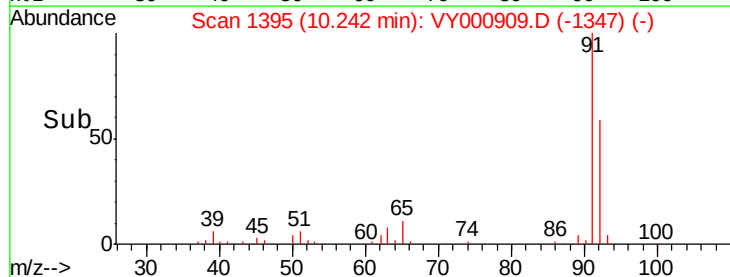
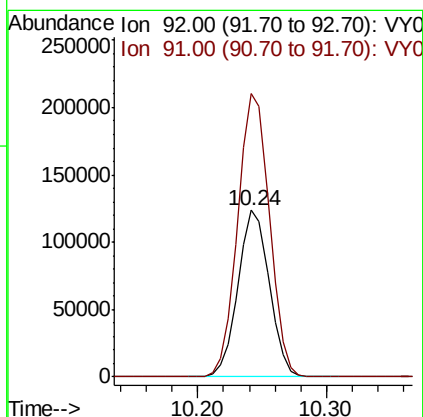
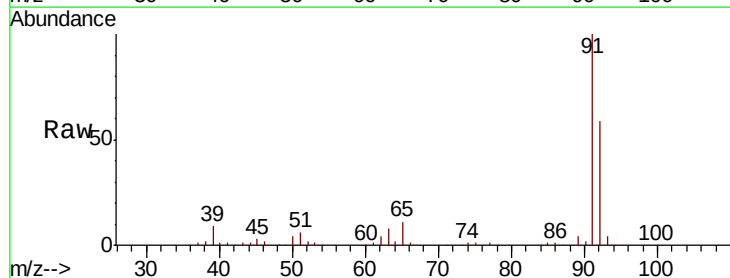
Instrument :
MSVOA_Y
ClientSampleId :

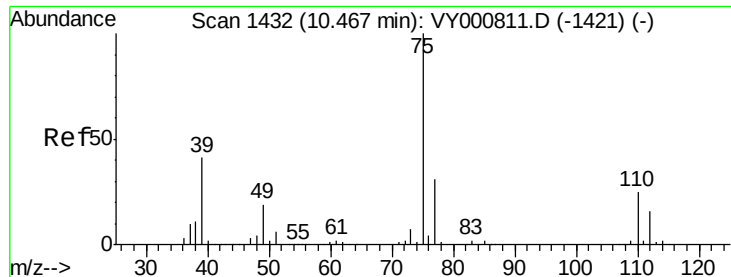
Tot Ion: 43 Resp: 318433
Ion Ratio Lower Upper
43 100
58 42.5 33.1 49.7



#52
Toluene
Concen: 19.807 ug/l
RT: 10.24 min Scan# 1395
Delta R.T. -0.01 min
Lab File: VY000909.D
Acq: 09 Dec 2019 12:30

Tgt Ion: 92 Resp: 207994
Ion Ratio Lower Upper
92 100
91 172.6 136.6 204.8

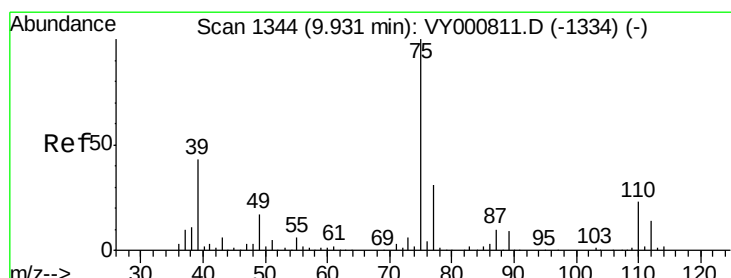
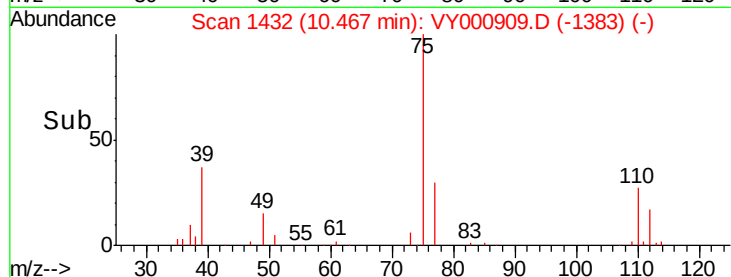
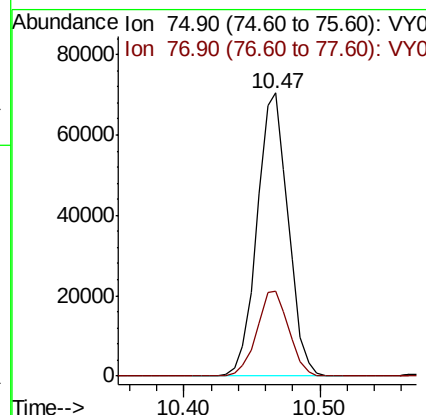
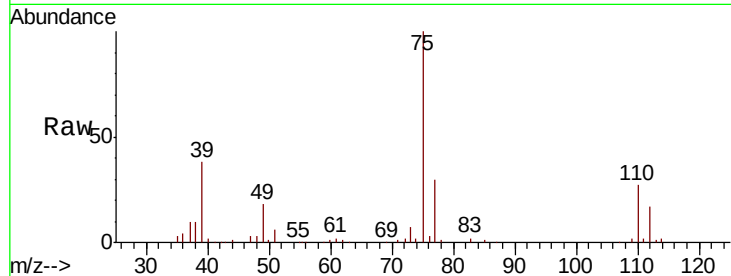




#53
 t-1,3-Dichloropropene
 Concen: 20.072 ug/l
 RT: 10.47 min Scan# 1432
 Delta R.T. -0.00 min
 Lab File: VY000909.D
 Acq: 09 Dec 2019 12:30

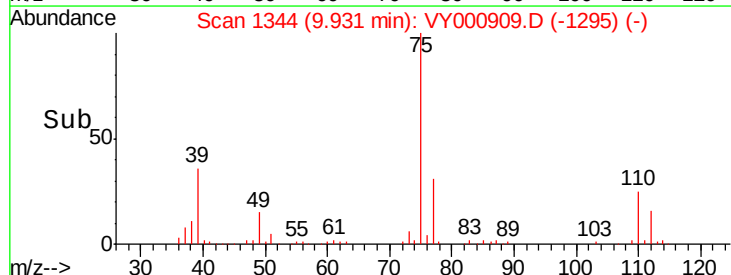
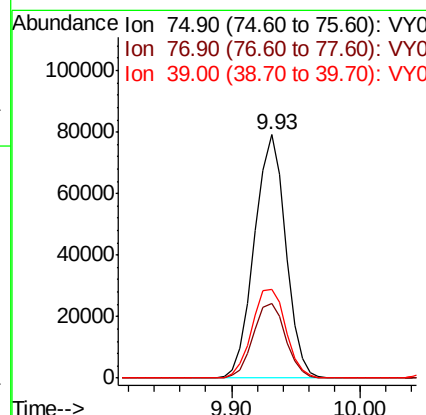
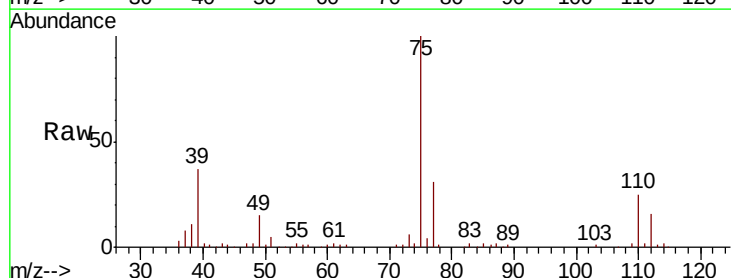
Instrument :
 MSVOA_Y
 ClientSampleId :

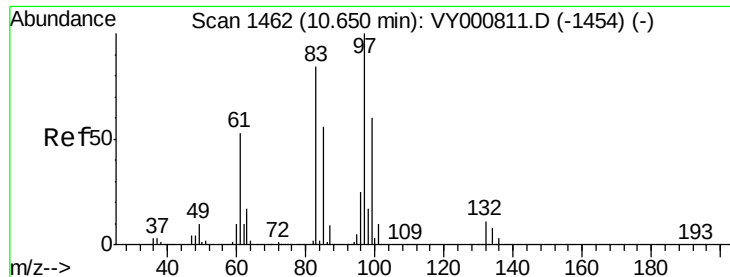
Tot Ion: 75 Resp: 112756
 Ion Ratio Lower Upper
 75 100
 77 30.2 25.1 37.7



#54
 cis-1,3-Dichloropropene
 Concen: 19.978 ug/l
 RT: 9.93 min Scan# 1344
 Delta R.T. -0.00 min
 Lab File: VY000909.D
 Acq: 09 Dec 2019 12:30

Tgt Ion: 75 Resp: 132656
 Ion Ratio Lower Upper
 75 100
 77 30.6 24.7 37.1
 39 36.5 34.5 51.7

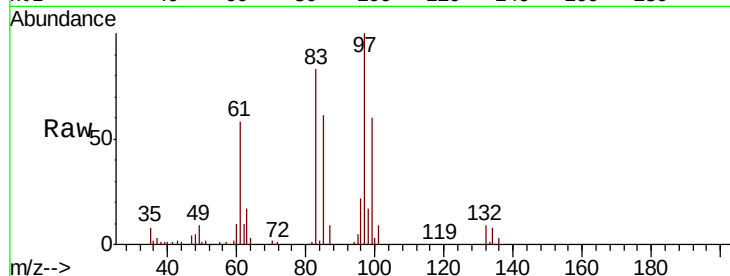




#55
1,1,2-Trichloroethane
Concen: 20.133 ug/l
RT: 10.64 min Scan# 1461
Delta R.T. -0.01 min
Lab File: VY000909.D
Acq: 09 Dec 2019 12:30

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 97 Resp: 66209
Ion Ratio Lower Upper
97 100
83 82.9 67.5 101.3
85 60.9 44.5 66.7
99 60.1 47.7 71.5



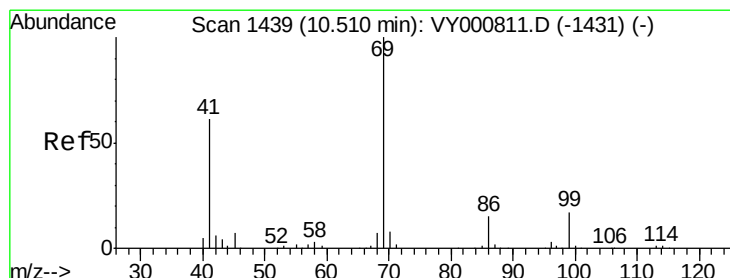
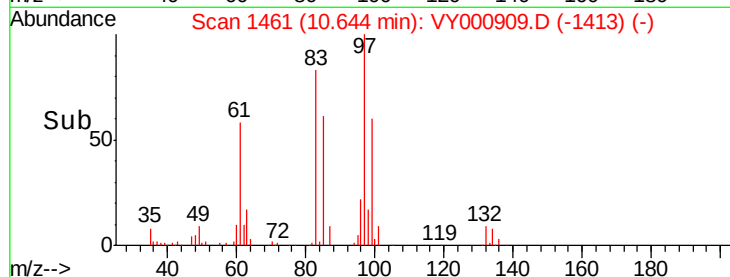
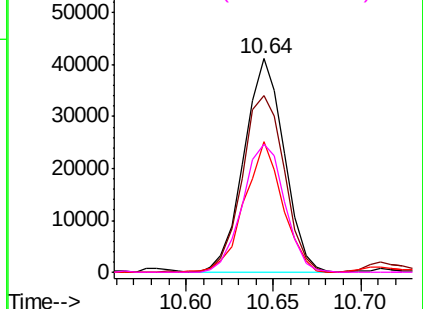
Abundance

Ion 96.90 (96.60 to 97.60): VY0

Ion 82.90 (82.60 to 83.60): VY0

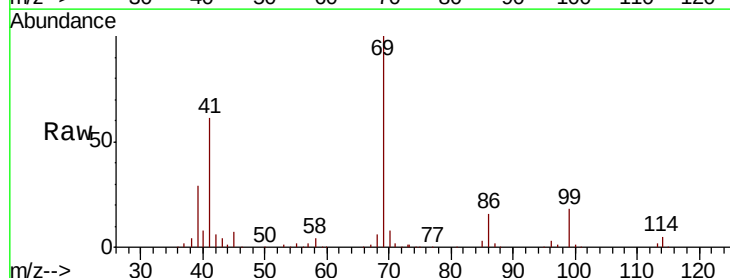
Ion 84.90 (84.60 to 85.60): VY0

Ion 98.90 (98.60 to 99.60): VY0



#56
Ethyl methacrylate
Concen: 19.753 ug/l
RT: 10.51 min Scan# 1439
Delta R.T. -0.00 min
Lab File: VY000909.D
Acq: 09 Dec 2019 12:30

Tgt Ion: 69 Resp: 92925
Ion Ratio Lower Upper
69 100
41 61.7 49.0 73.6
39 29.1 23.1 34.7

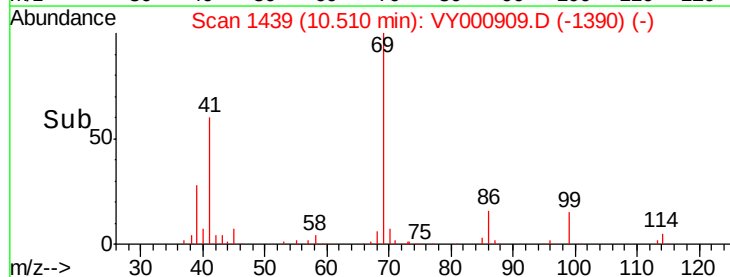
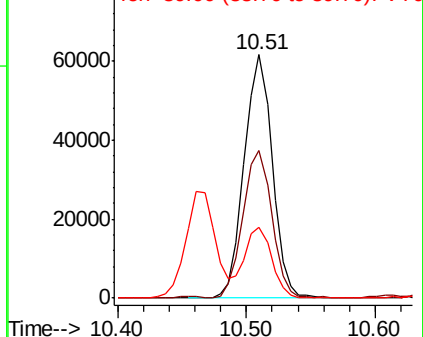


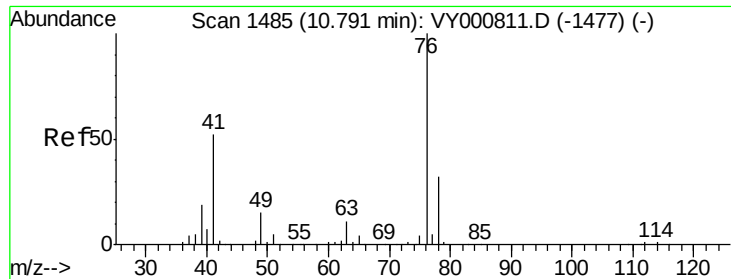
Abundance

Ion 69.00 (68.70 to 69.70): VY0

Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0





#57

1,3-Dichloropropane

Concen: 20.891 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. -0.00 min

Lab File: VY000909.D

Acq: 09 Dec 2019 12:30

Instrument :

MSVOA_Y

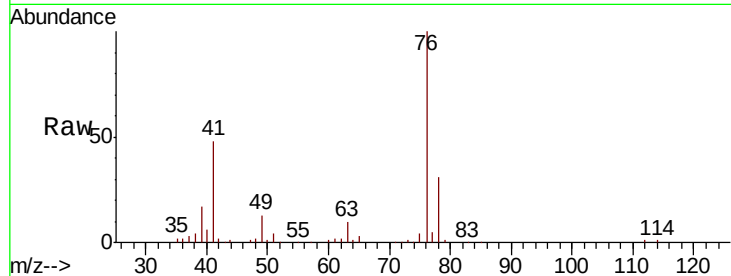
ClientSampleId :

Tot Ion: 76 Resp: 119736

Ion Ratio Lower Upper

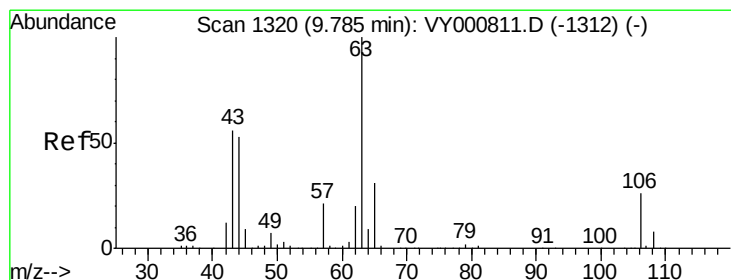
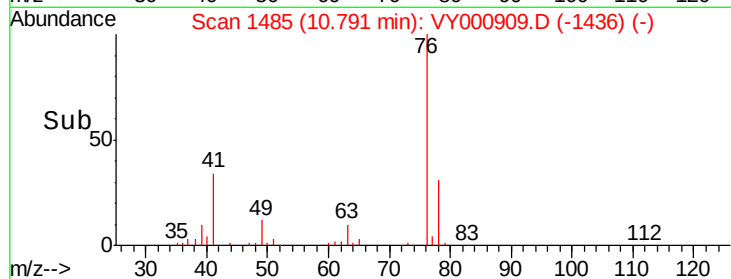
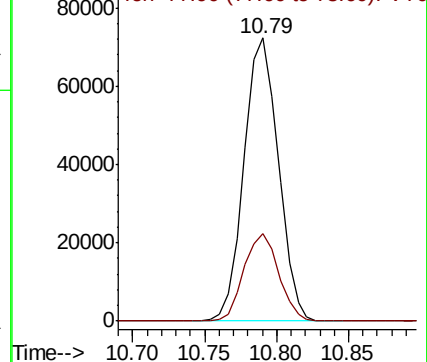
76 100

78 31.3 26.4 39.6



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#58

2-Chloroethyl Vinyl ether

Concen: 101.084 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. -0.00 min

Lab File: VY000909.D

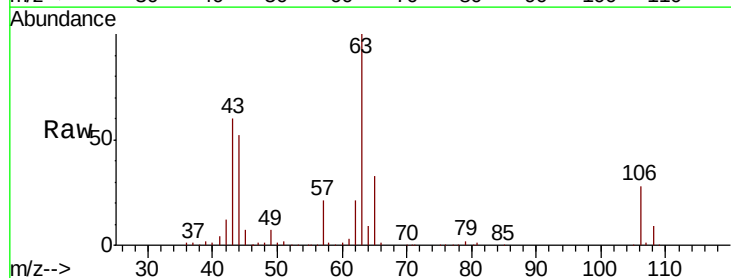
Acq: 09 Dec 2019 12:30

Tgt Ion: 63 Resp: 191740

Ion Ratio Lower Upper

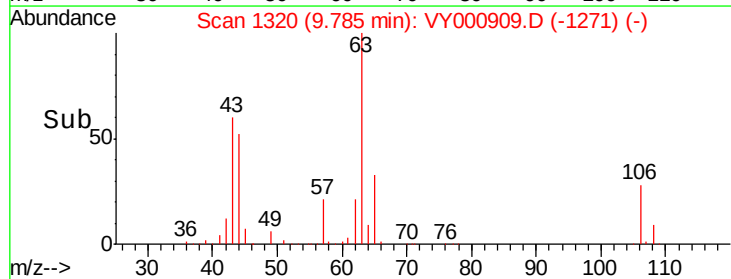
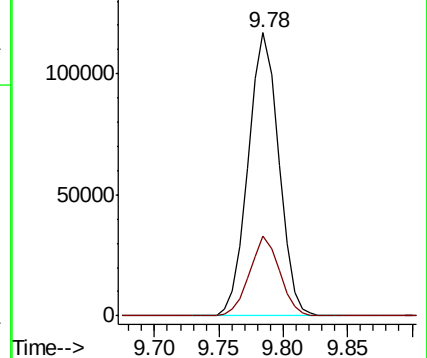
63 100

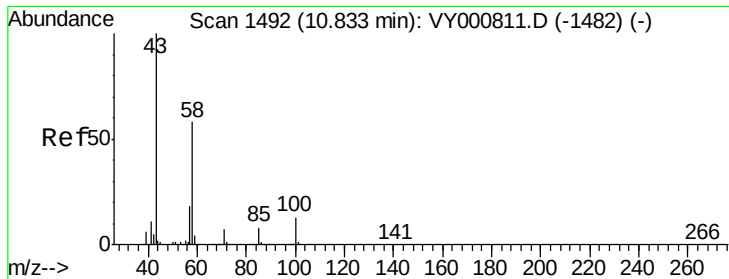
106 27.5 21.5 32.3



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

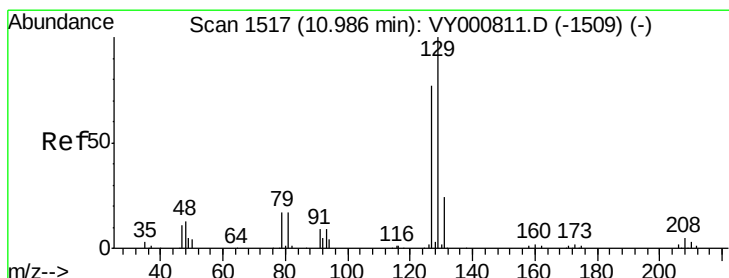
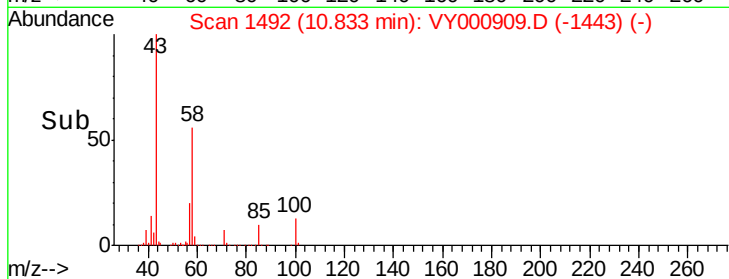
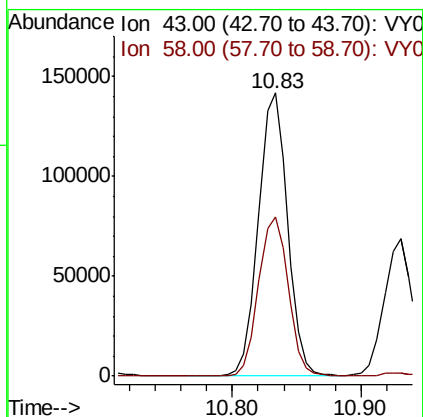
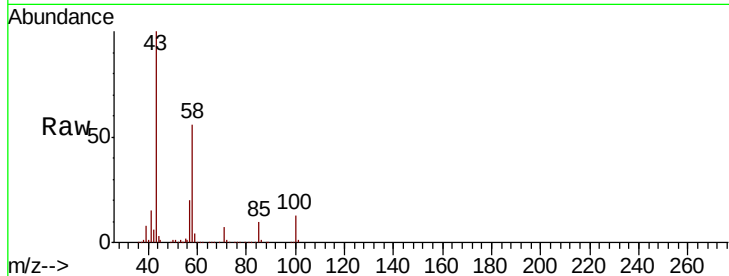




#59
2-Hexanone
Concen: 92.774 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY000909.D
Acq: 09 Dec 2019 12:30

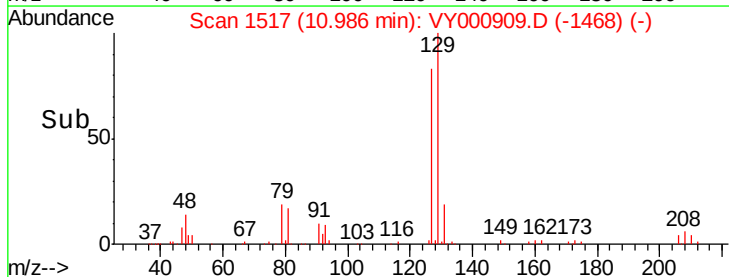
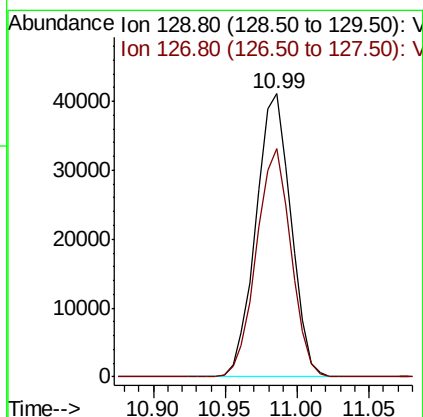
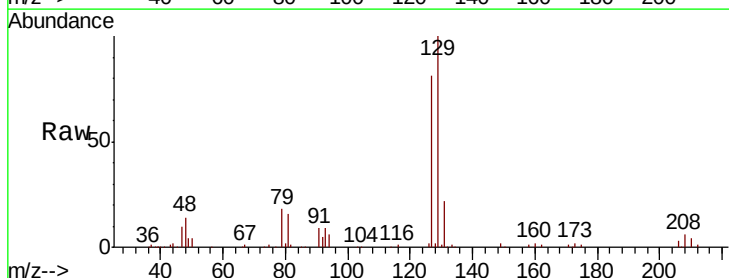
Instrument :
MSVOA_Y
ClientSampled :

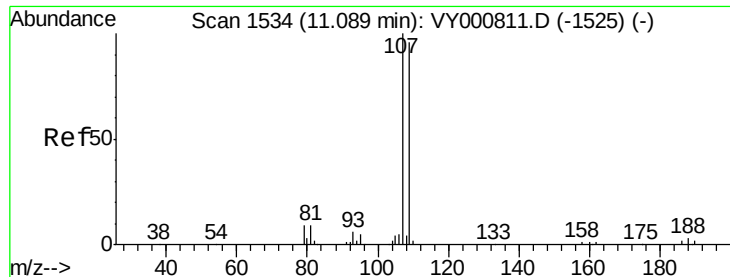
Tot Ion: 43 Resp: 221293
Ion Ratio Lower Upper
43 100
58 57.5 29.0 87.1



#60
Dibromochloromethane
Concen: 19.499 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY000909.D
Acq: 09 Dec 2019 12:30

Tgt Ion: 129 Resp: 69029
Ion Ratio Lower Upper
129 100
127 79.4 39.1 117.2

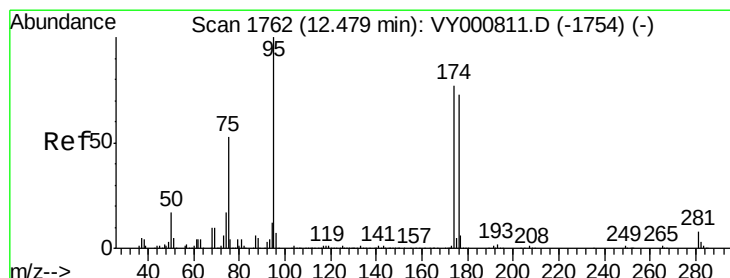
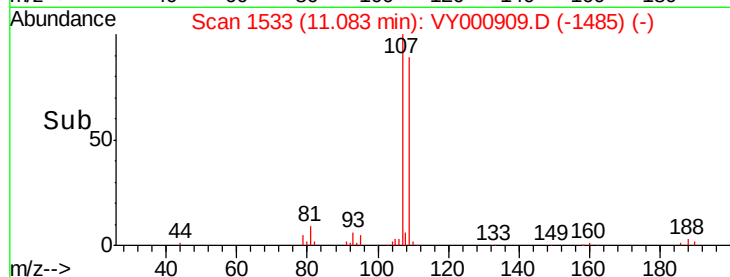
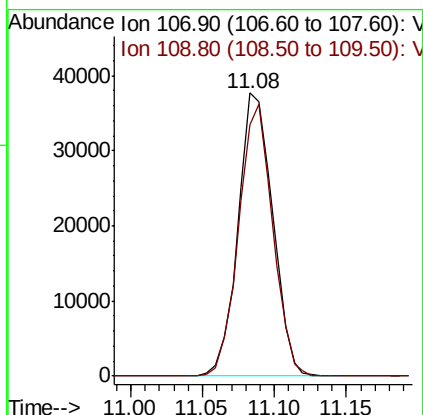
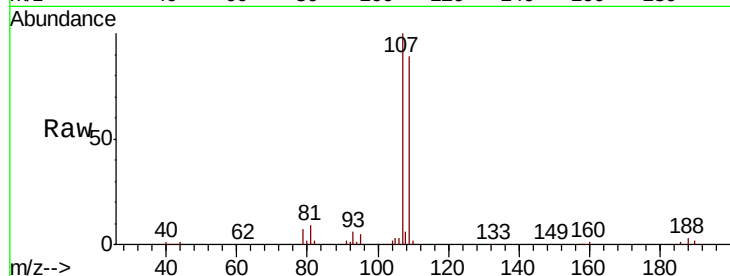




#61
 1,2-Dibromoethane
 Concen: 20.279 ug/l
 RT: 11.08 min Scan# 1533
 Delta R.T. -0.01 min
 Lab File: VY000909.D
 Acq: 09 Dec 2019 12:30

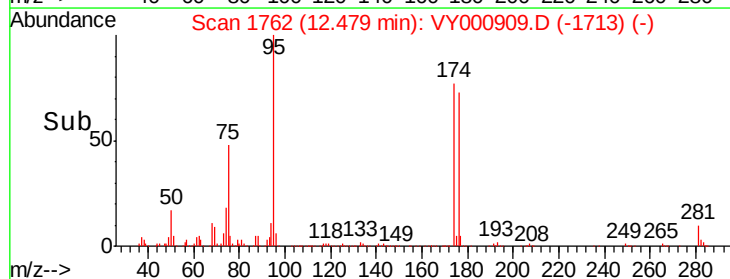
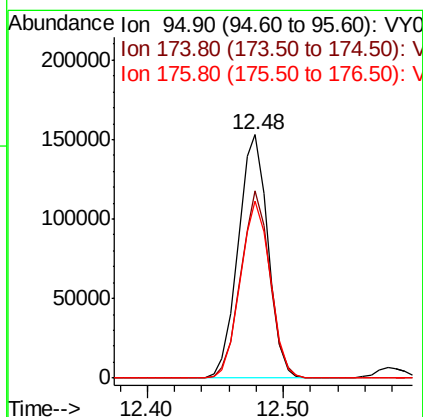
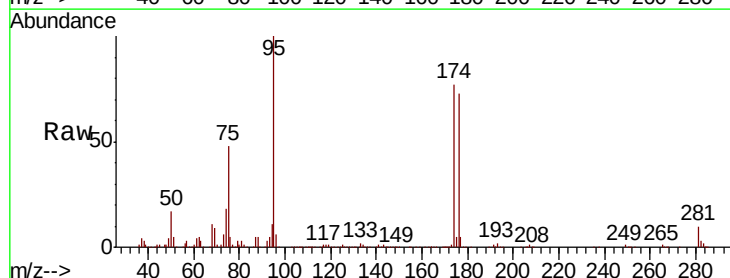
Instrument :
 MSVOA_Y
 ClientSampleId :

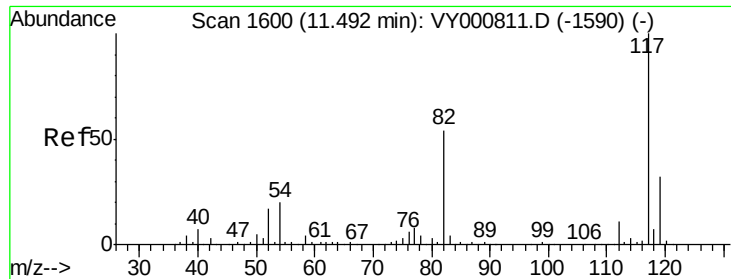
Tot Ion: 107 Resp: 62848
 Ion Ratio Lower Upper
 107 100
 109 94.1 75.9 113.9



#62
 4-Bromofluorobenzene
 Concen: 45.507 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VY000909.D
 Acq: 09 Dec 2019 12:30

Tgt Ion: 95 Resp: 233183
 Ion Ratio Lower Upper
 95 100
 174 74.9 0.0 150.6
 176 73.5 0.0 145.2

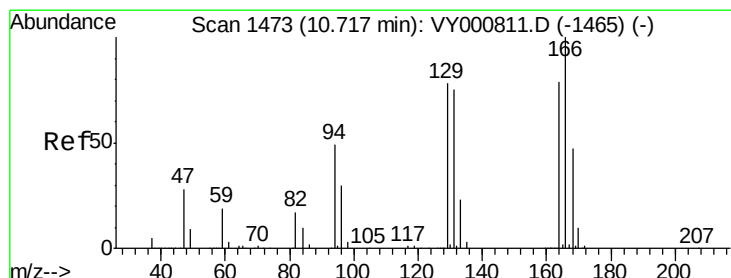
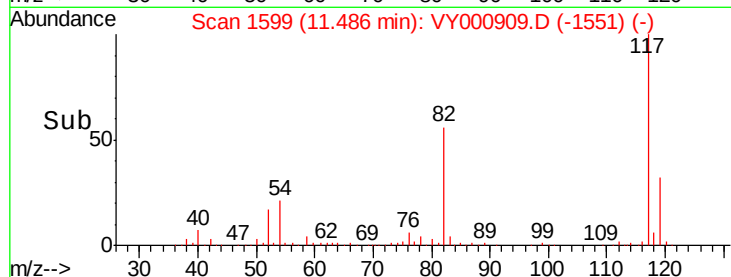
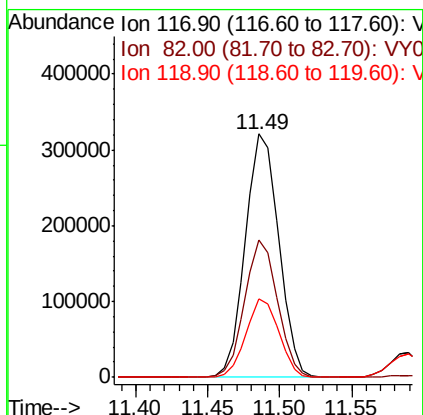
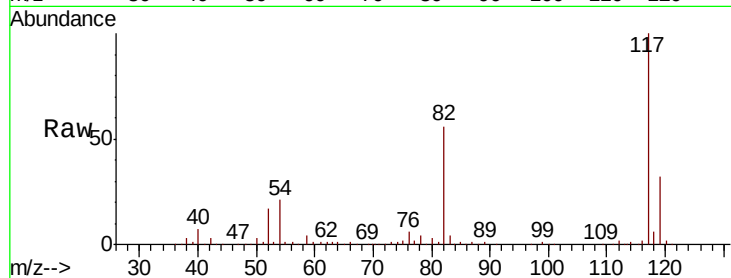




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VY000909.D
Acq: 09 Dec 2019 12:30

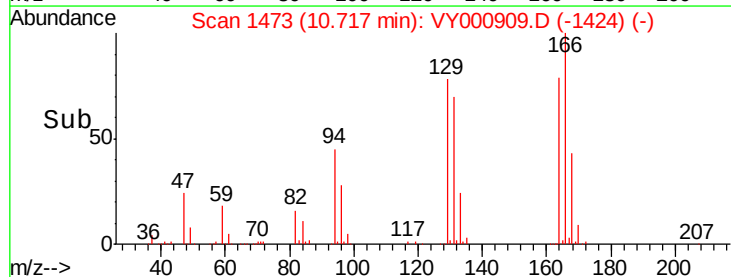
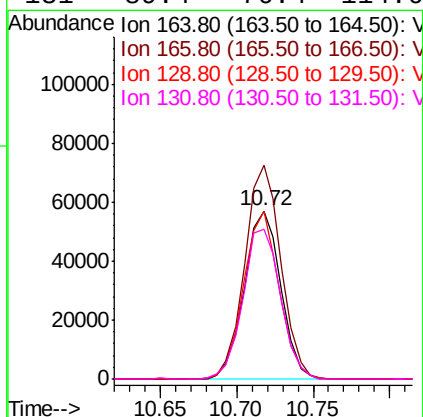
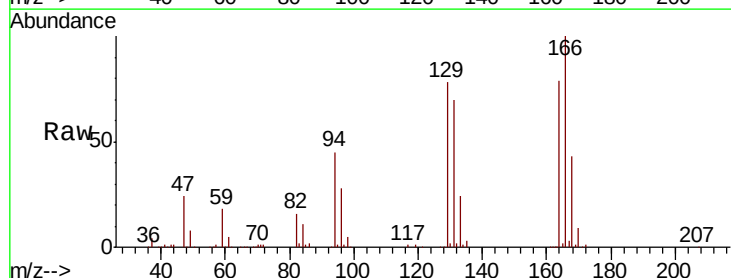
Instrument :
MSVOA_Y
ClientSampleId :

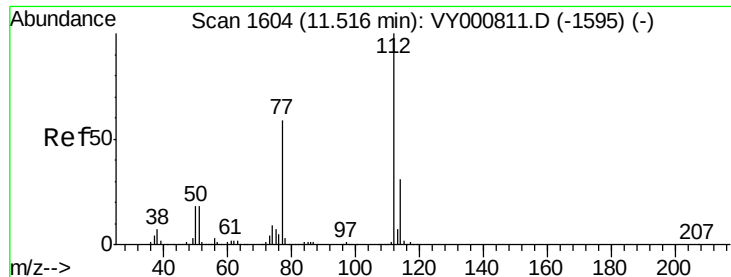
Tot Ion:117 Resp: 516411
Ion Ratio Lower Upper
117 100
82 56.3 43.1 64.7
119 32.2 25.3 37.9



#64
Tetrachloroethene
Concen: 20.990 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY000909.D
Acq: 09 Dec 2019 12:30

Tgt Ion:164 Resp: 94178
Ion Ratio Lower Upper
164 100
166 127.1 101.8 152.8
129 99.7 79.3 118.9
131 89.4 76.4 114.6

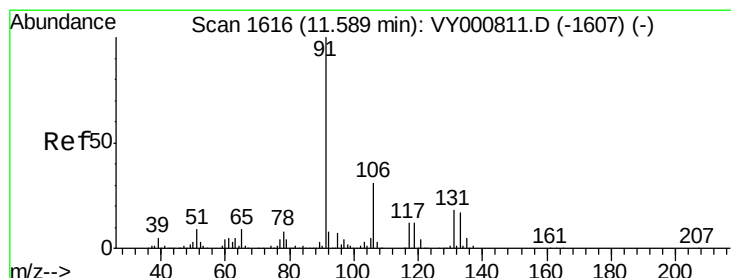
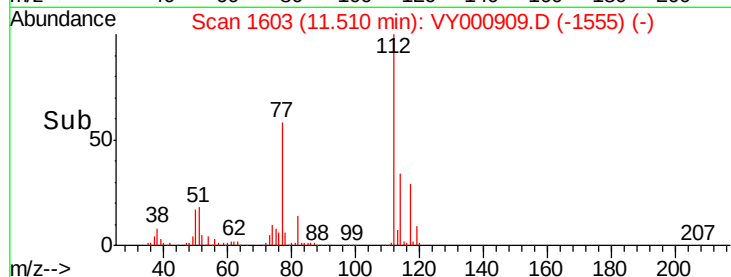
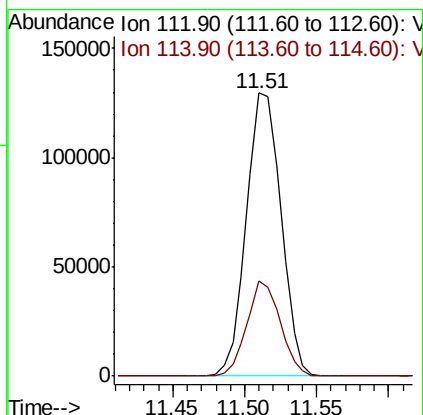
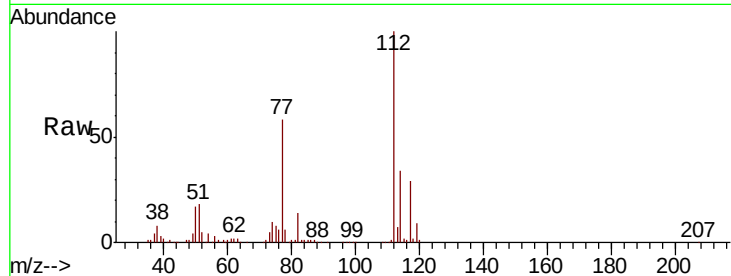




#65
Chlorobenzene
Concen: 20.153 ug/l
RT: 11.51 min Scan# 1603
Delta R.T. -0.01 min
Lab File: VY000909.D
Acq: 09 Dec 2019 12:30

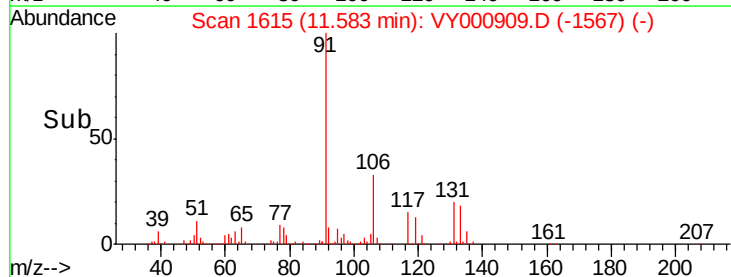
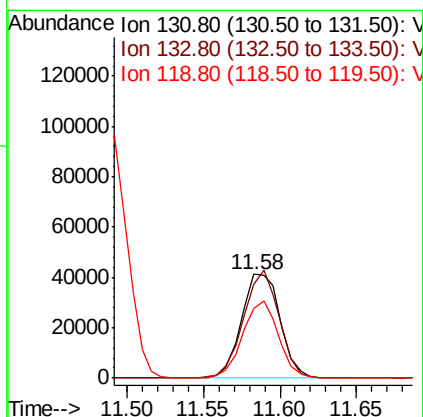
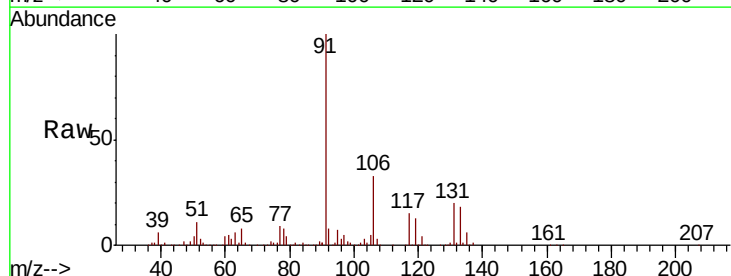
Instrument :
MSVOA_Y
ClientSampled :

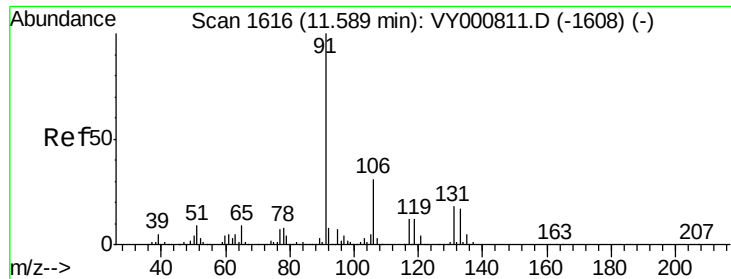
Tot Ion:112 Resp: 216329
Ion Ratio Lower Upper
112 100
114 33.7 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 20.075 ug/l
RT: 11.58 min Scan# 1615
Delta R.T. -0.01 min
Lab File: VY000909.D
Acq: 09 Dec 2019 12:30

Tgt Ion:131 Resp: 72622
Ion Ratio Lower Upper
131 100
133 95.3 47.4 142.2
119 68.3 33.8 101.3





#67

Ethyl Benzene

Concen: 20.017 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. -0.00 min

Lab File: VY000909.D

Acq: 09 Dec 2019 12:30

Instrument :

MSVOA_Y

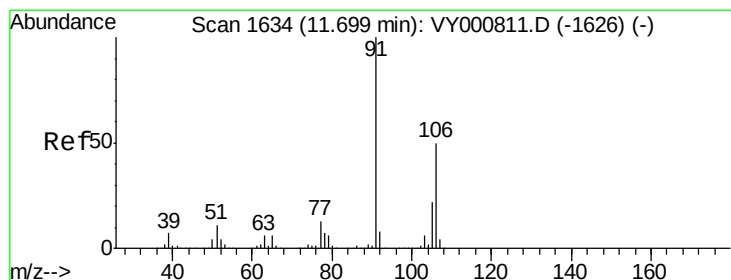
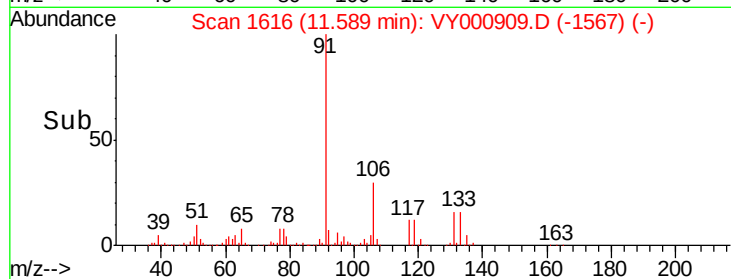
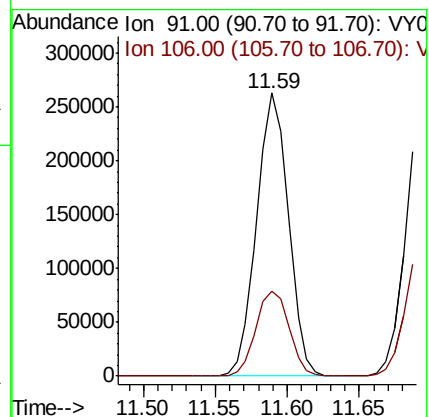
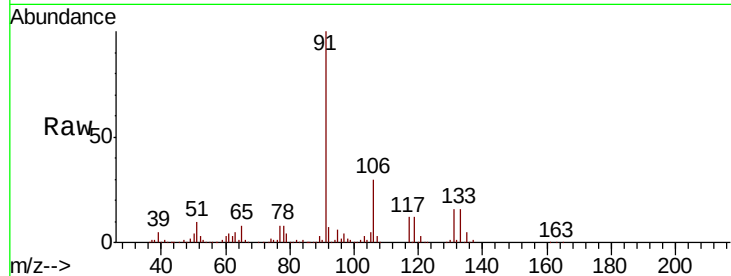
ClientSampleId :

Tot Ion: 91 Resp: 400169

Ion Ratio Lower Upper

91 100

106 30.0 24.4 36.6



#68

m/p-Xylenes

Concen: 40.776 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. -0.00 min

Lab File: VY000909.D

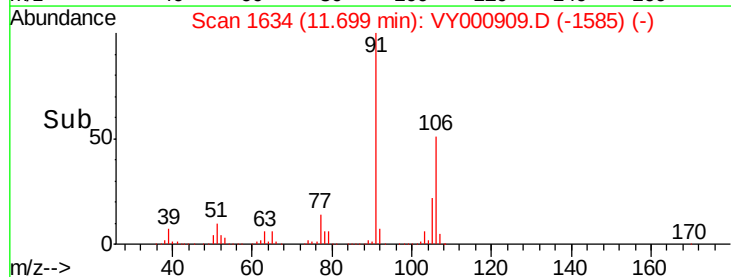
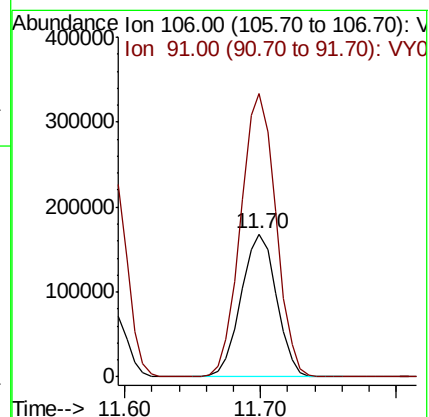
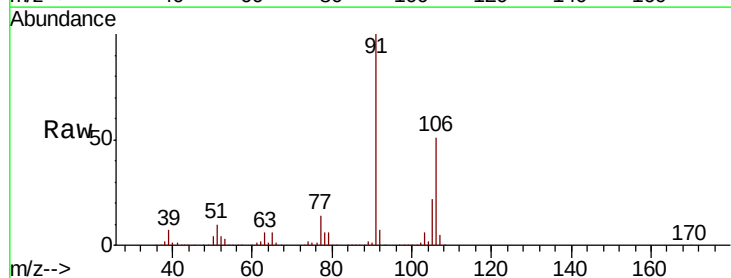
Acq: 09 Dec 2019 12:30

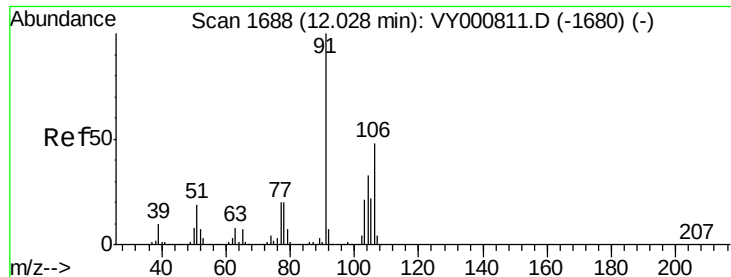
Tgt Ion: 106 Resp: 305971

Ion Ratio Lower Upper

106 100

91 197.4 159.6 239.4

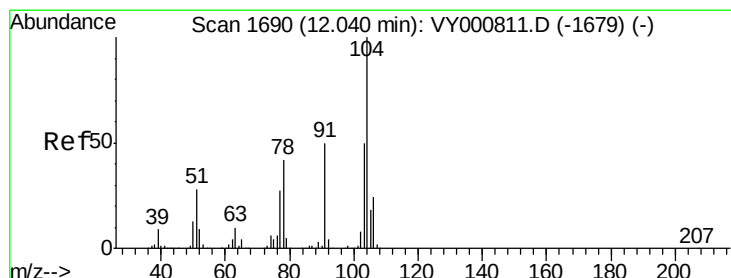
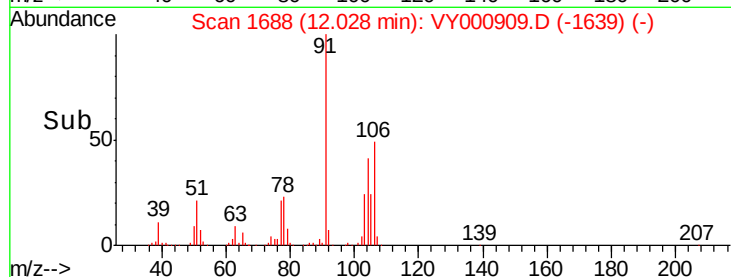
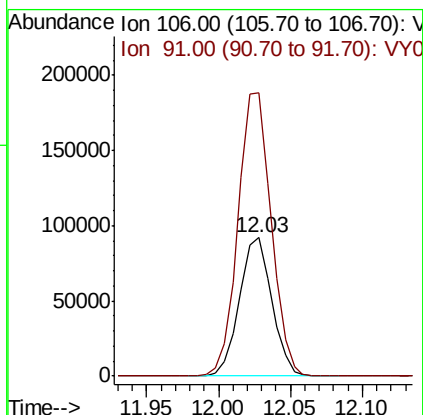
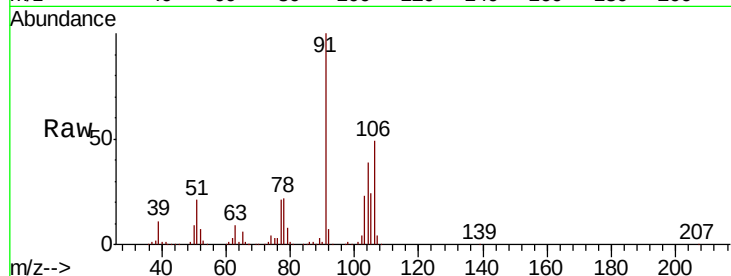




#69
o-Xylene
Concen: 20.485 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY000909.D
Acq: 09 Dec 2019 12:30

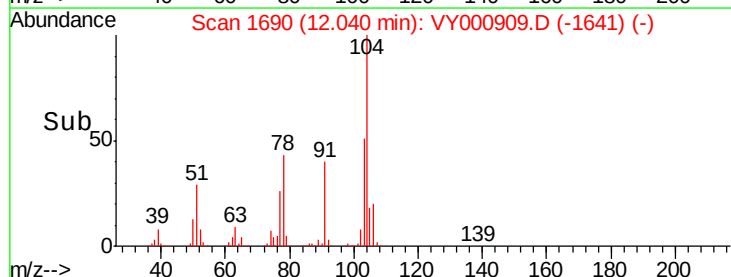
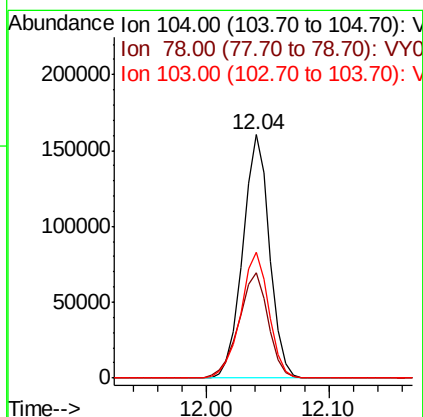
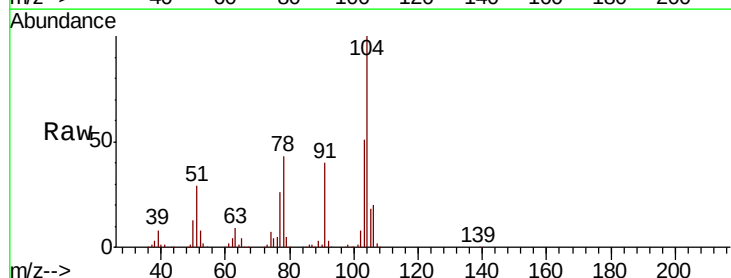
Instrument :
MSVOA_Y
ClientSampled :

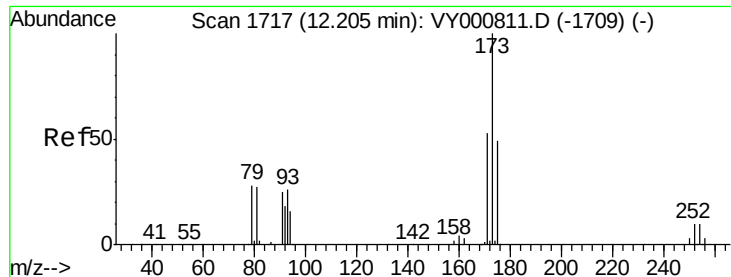
Tot Ion:106 Resp: 143320
Ion Ratio Lower Upper
106 100
91 209.8 106.1 318.1



#70
Styrene
Concen: 20.239 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VY000909.D
Acq: 09 Dec 2019 12:30

Tgt Ion:104 Resp: 242457
Ion Ratio Lower Upper
104 100
78 47.5 38.2 57.4
103 54.4 43.4 65.0





#71

Bromoform

Concen: 19.988 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VY000909.D

Acq: 09 Dec 2019 12:30

Instrument :

MSVOA_Y

ClientSampleId :

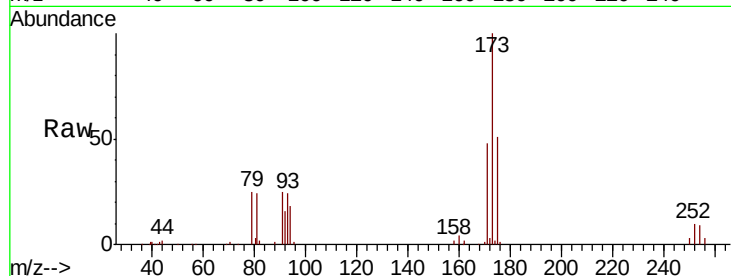
Tot Ion:173 Resp: 40781

Ion Ratio Lower Upper

173 100

175 49.3 24.5 73.5

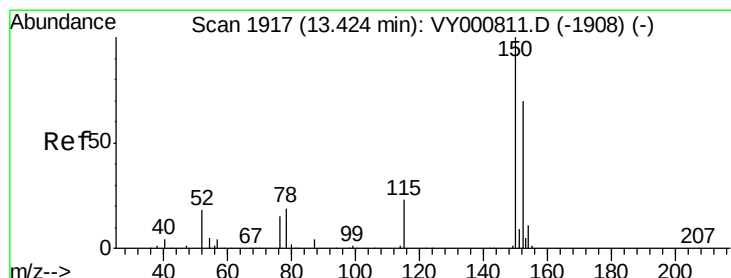
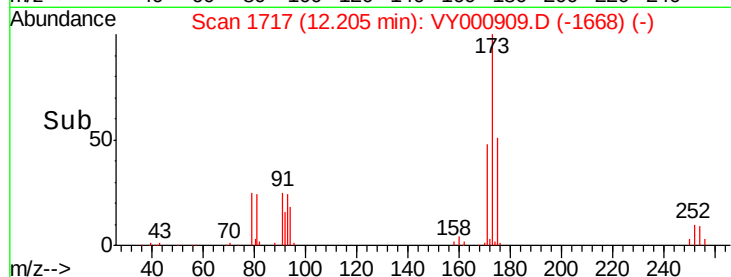
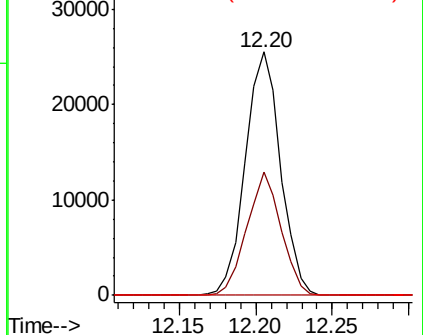
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. -0.00 min

Lab File: VY000909.D

Acq: 09 Dec 2019 12:30

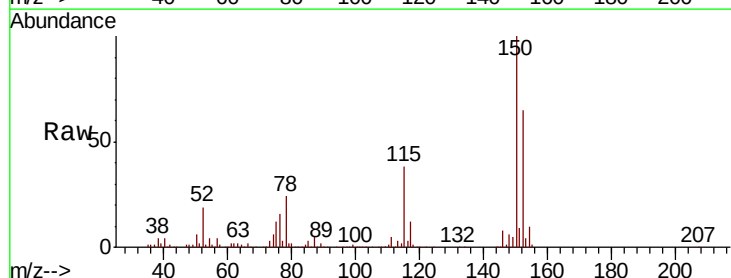
Tgt Ion:152 Resp: 244430

Ion Ratio Lower Upper

152 100

115 61.4 29.3 87.8

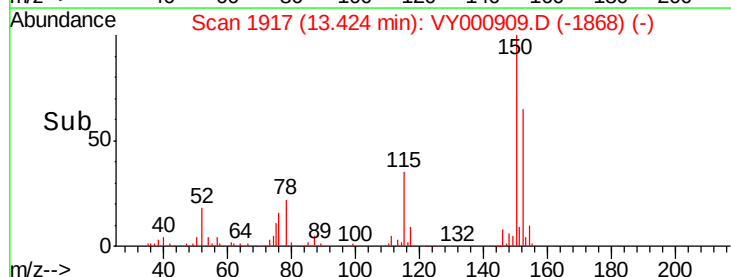
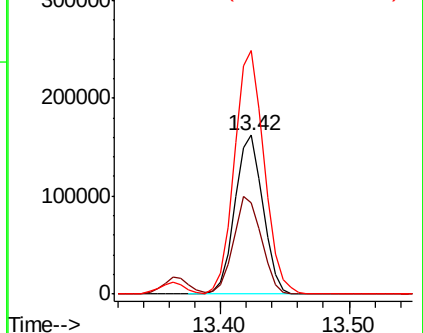
150 162.4 0.0 351.2

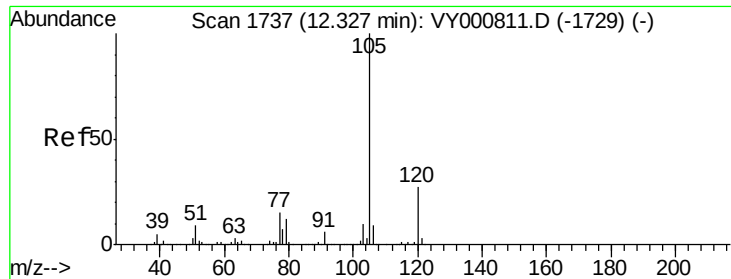


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.624 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VY000909.D

Acq: 09 Dec 2019 12:30

Instrument :

MSVOA_Y

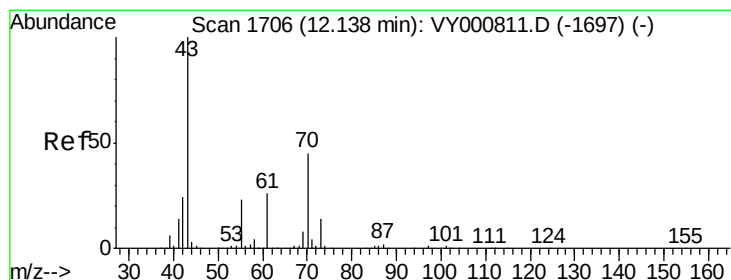
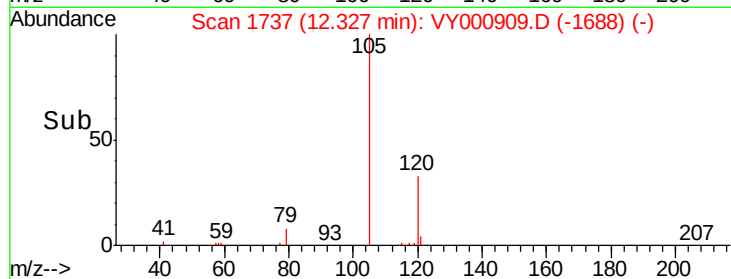
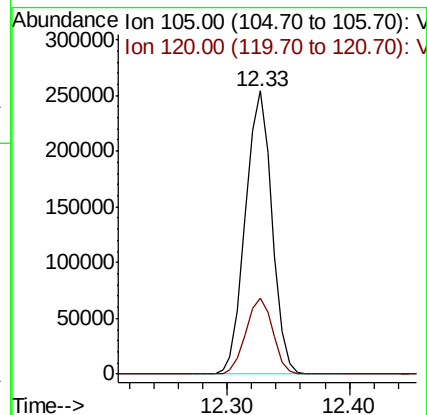
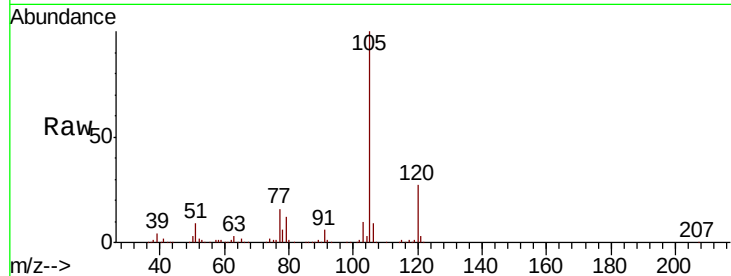
ClientSampled :

Tot Ion:105 Resp: 381927

Ion Ratio Lower Upper

105 100

120 27.3 13.4 40.2



#74

N-ethyl acetate

Concen: 19.301 ug/l

RT: 12.14 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VY000909.D

Acq: 09 Dec 2019 12:30

Tgt Ion: 43 Resp: 104553

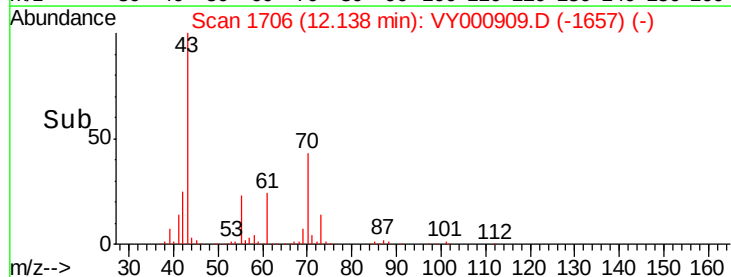
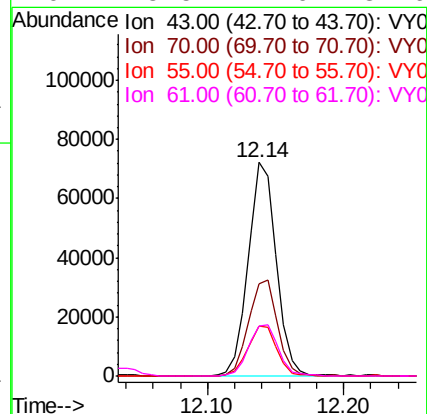
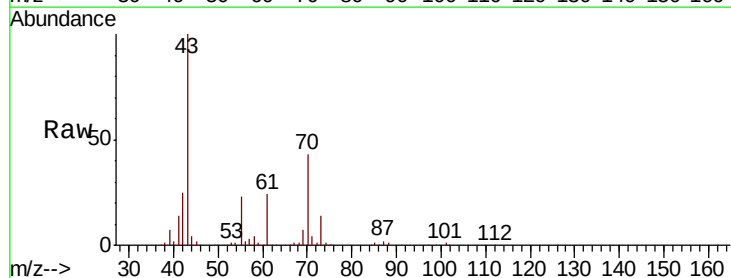
Ion Ratio Lower Upper

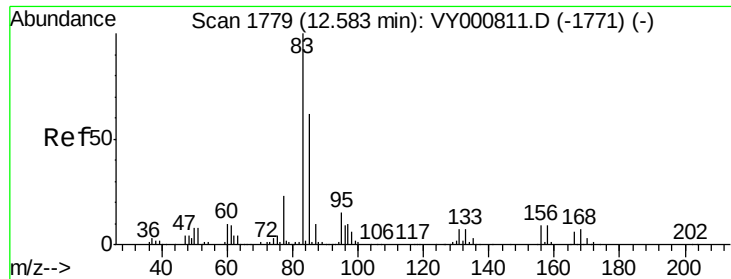
43 100

70 46.1 36.6 54.8

55 24.2 18.8 28.2

61 25.5 21.0 31.6





#75

1,1,2,2-Tetrachloroethane

Concen: 19.739 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY000909.D

Acq: 09 Dec 2019 12:30

Instrument :

MSVOA_Y

ClientSampleId :

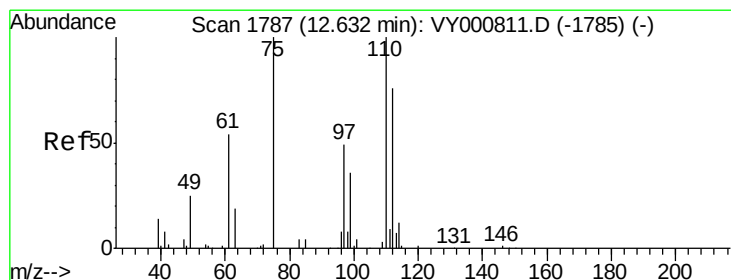
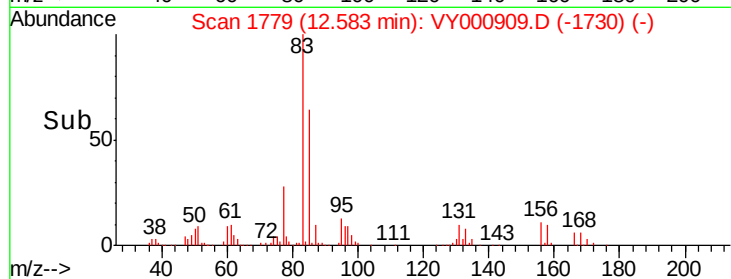
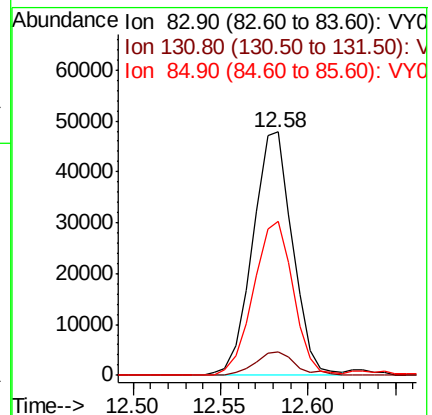
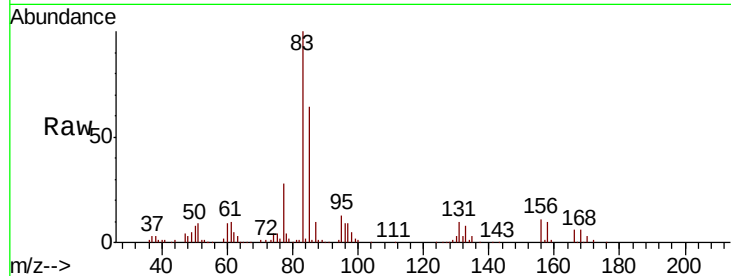
Tot Ion: 83 Resp: 75694

Ion Ratio Lower Upper

83 100

131 10.0 4.3 13.1

85 63.5 32.4 97.0



#76

1,2,3-Trichloropropane

Concen: 37.970 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. -0.00 min

Lab File: VY000909.D

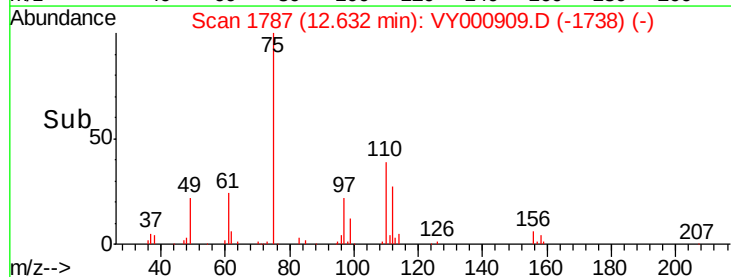
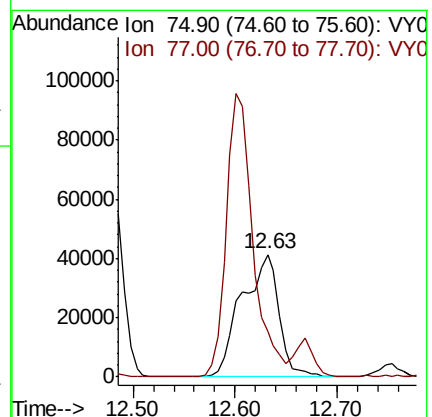
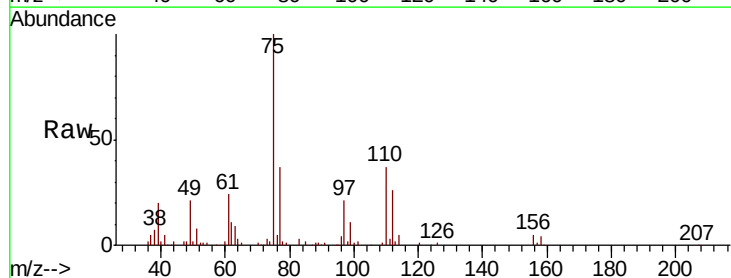
Acq: 09 Dec 2019 12:30

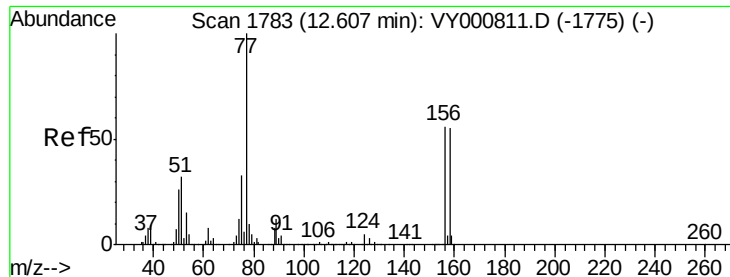
Tgt Ion: 75 Resp: 105153

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.060 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY000909.D

Acq: 09 Dec 2019 12:30

Instrument :

MSVOA_Y

ClientSampled :

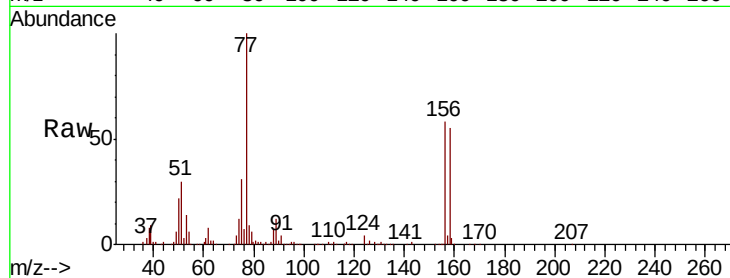
Tot Ion:156 Resp: 84626

Ion Ratio Lower Upper

156 100

77 205.6 102.6 307.7

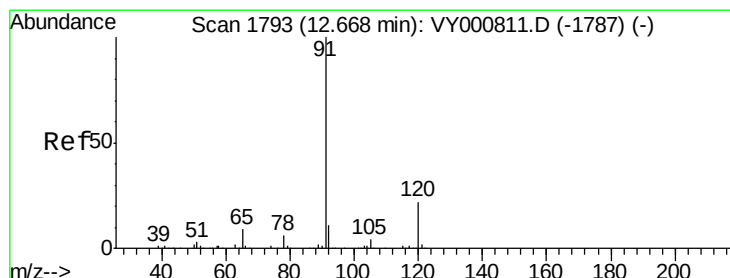
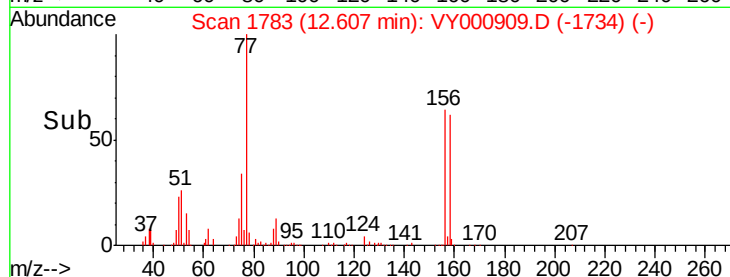
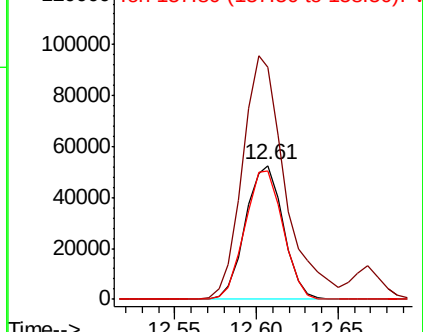
158 97.0 47.6 142.8



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: 19.867 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VY000909.D

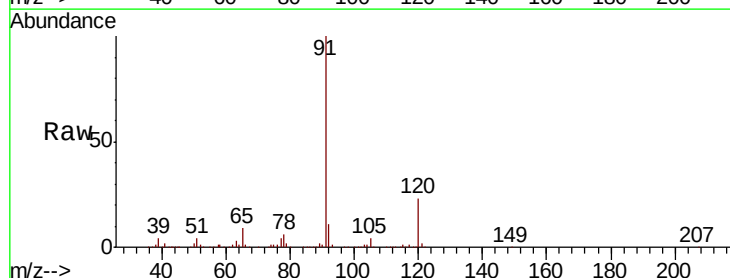
Acq: 09 Dec 2019 12:30

Tgt Ion: 91 Resp: 472109

Ion Ratio Lower Upper

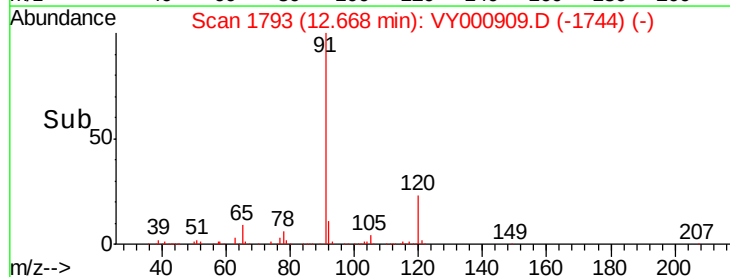
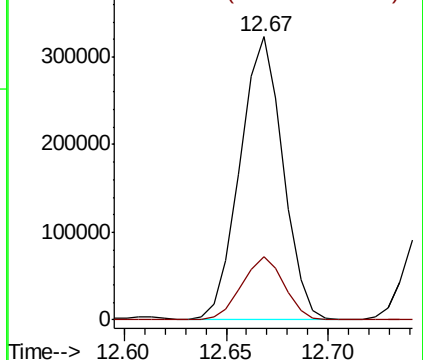
91 100

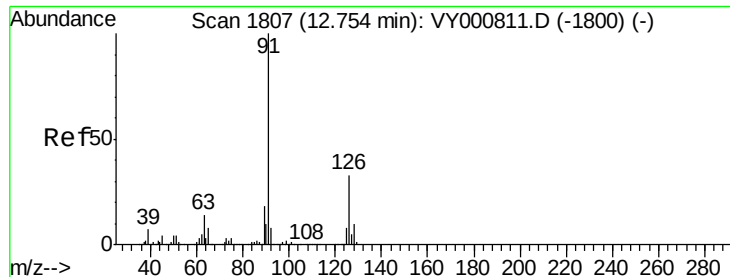
120 22.2 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

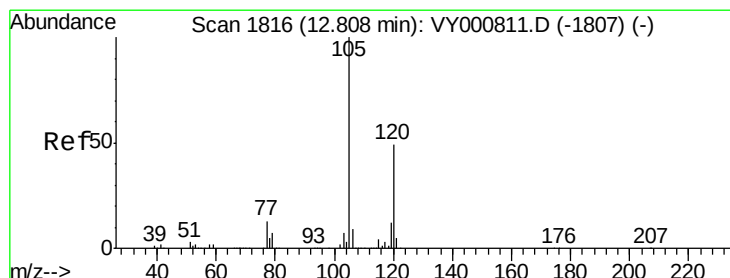
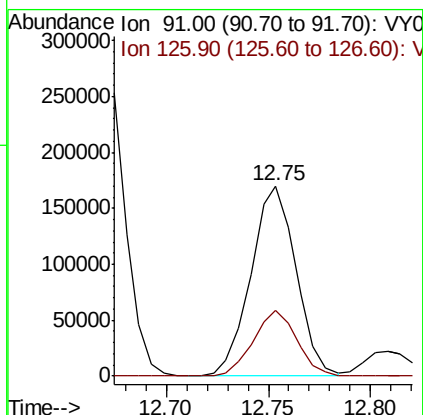
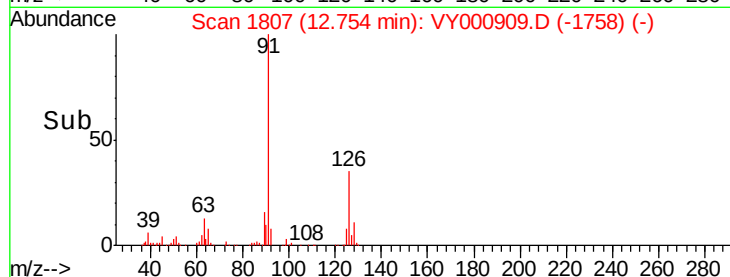
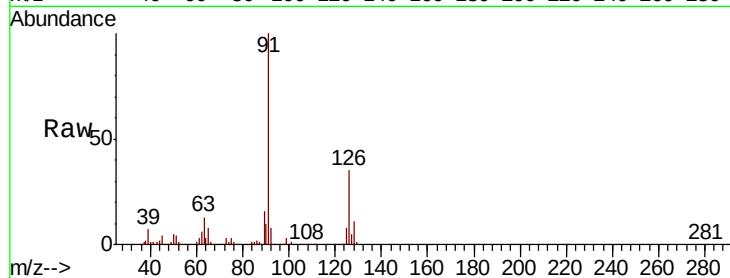




#79
 2-Chlorotoluene
 Concen: 19.913 ug/l
 RT: 12.75 min Scan# 1807
 Delta R.T. -0.00 min
 Lab File: VY000909.D
 Acq: 09 Dec 2019 12:30

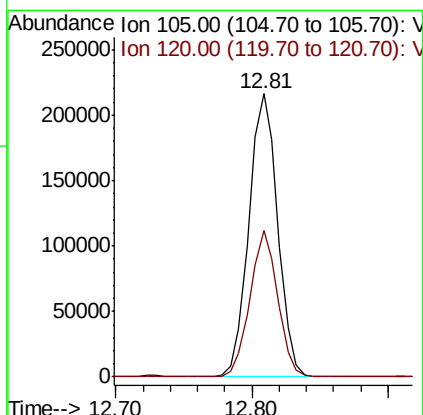
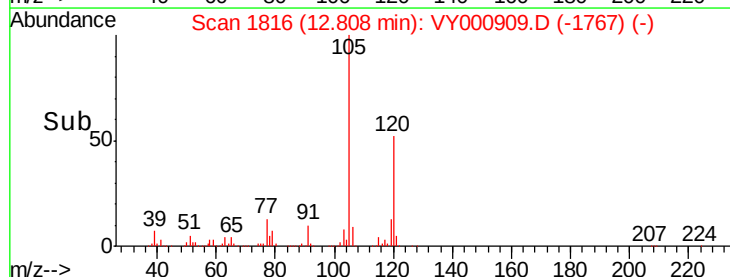
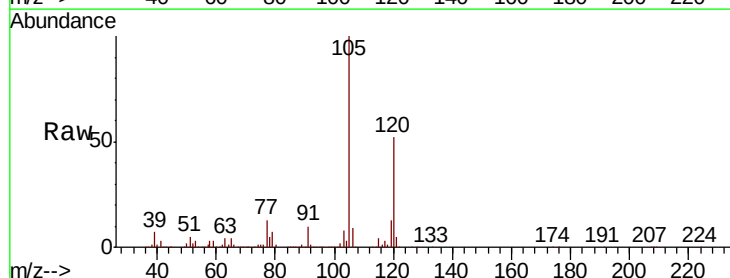
Instrument :
 MSVOA_Y
 ClientSampleId :

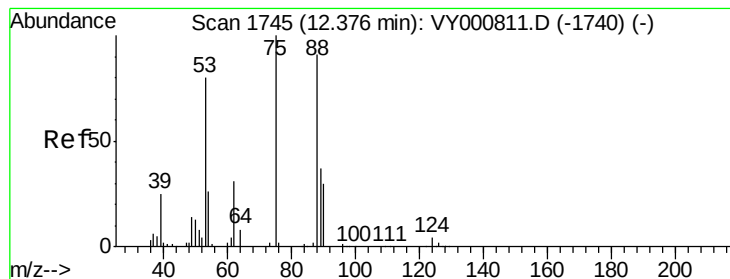
Tot Ion: 91 Resp: 261424
 Ion Ratio Lower Upper
 91 100
 126 33.6 17.0 51.0



#80
 1,3,5-Trimethylbenzene
 Concen: 19.941 ug/l
 RT: 12.81 min Scan# 1816
 Delta R.T. -0.00 min
 Lab File: VY000909.D
 Acq: 09 Dec 2019 12:30

Tgt Ion: 105 Resp: 321331
 Ion Ratio Lower Upper
 105 100
 120 49.8 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 20.262 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. -0.00 min

Lab File: VY000909.D

Acq: 09 Dec 2019 12:30

Instrument :

MSVOA_Y

ClientSampleId :

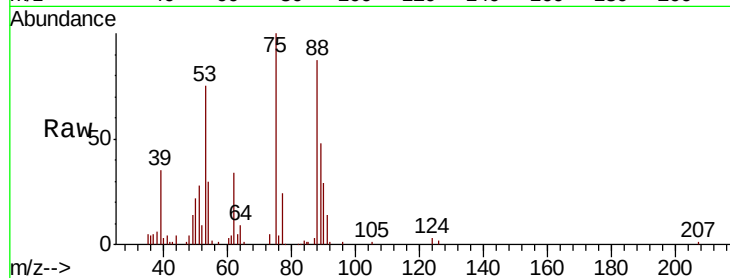
Tot Ion: 75 Resp: 28566

Ion Ratio Lower Upper

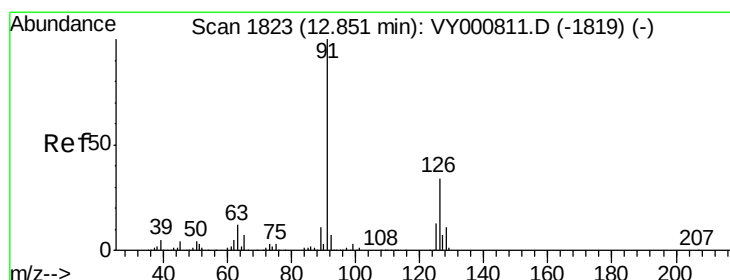
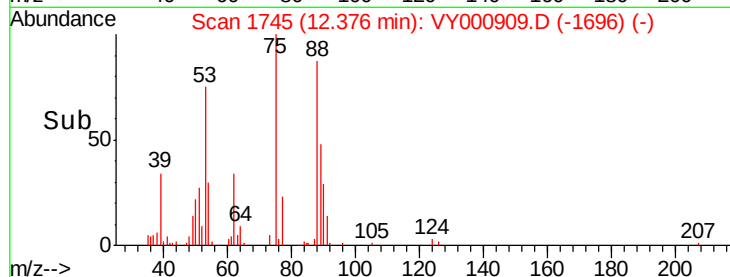
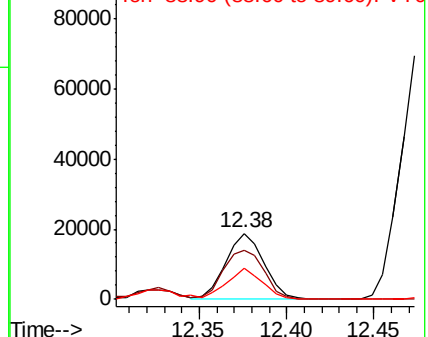
75 100

53 79.4 64.6 96.8

89 43.8 33.6 50.4



Abundance Ion 74.90 (74.60 to 75.60): VY0
Ion 53.00 (52.70 to 53.70): VY0
Ion 88.90 (88.60 to 89.60): VY0



#82

4-Chlorotoluene

Concen: 20.321 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. -0.00 min

Lab File: VY000909.D

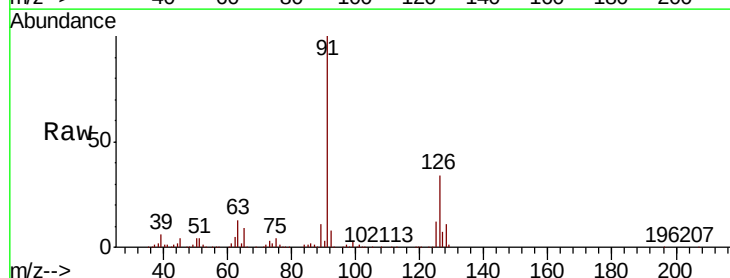
Acq: 09 Dec 2019 12:30

Tgt Ion: 91 Resp: 274846

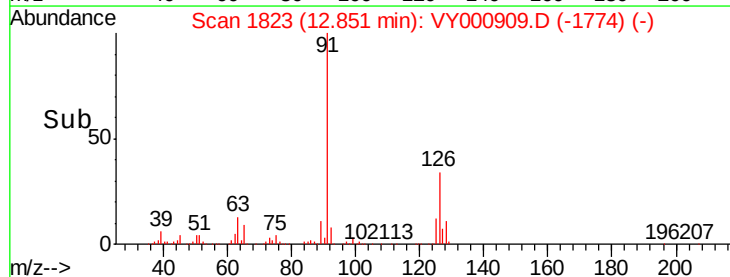
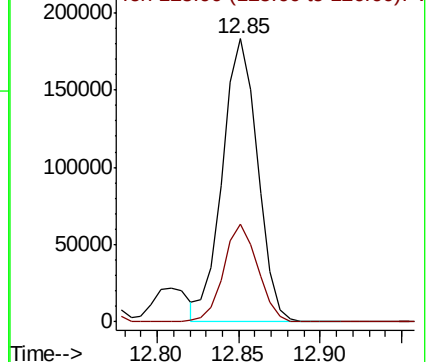
Ion Ratio Lower Upper

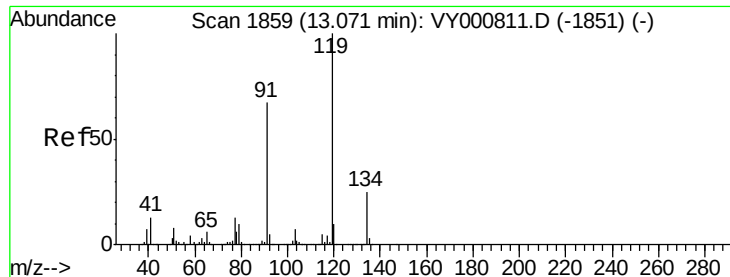
91 100

126 33.5 17.3 51.9



Abundance Ion 91.00 (90.70 to 91.70): VY0
Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 20.268 ug/l

RT: 13.07 min Scan# 1859

Delta R.T. -0.00 min

Lab File: VY000909.D

Acq: 09 Dec 2019 12:30

Instrument :

MSVOA_Y

ClientSampled :

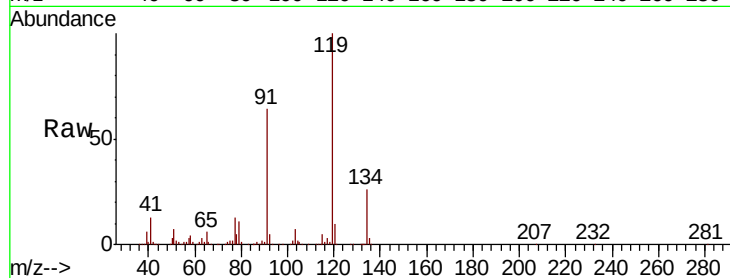
Tot Ion:119 Resp: 274592

Ion Ratio Lower Upper

119 100

91 62.1 32.3 96.8

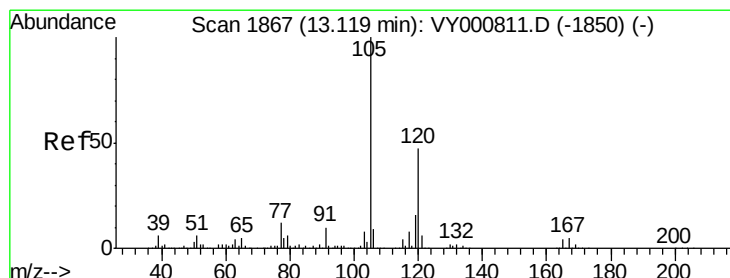
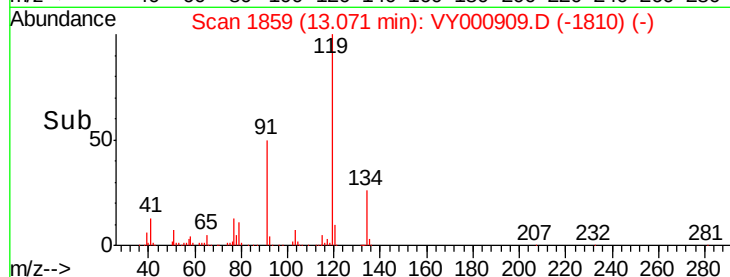
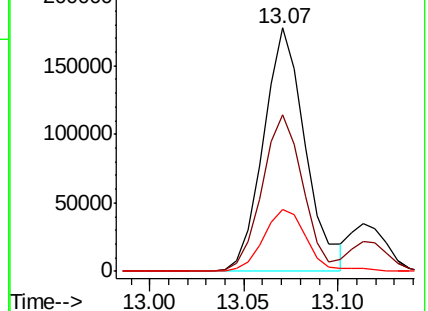
134 26.1 12.9 38.7



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VY0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 19.965 ug/l

RT: 13.11 min Scan# 1866

Delta R.T. -0.01 min

Lab File: VY000909.D

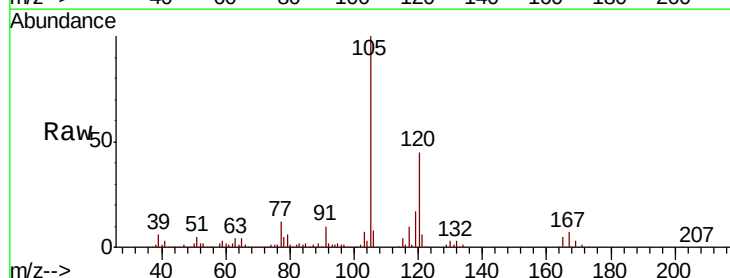
Acq: 09 Dec 2019 12:30

Tgt Ion:105 Resp: 321871

Ion Ratio Lower Upper

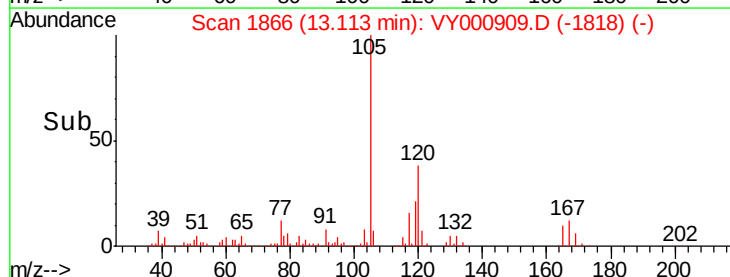
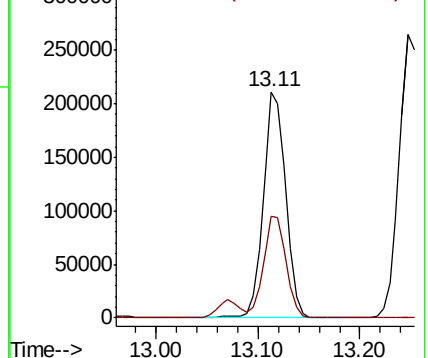
105 100

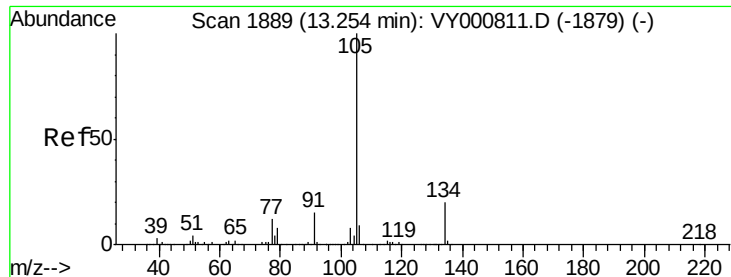
120 45.5 22.6 67.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 20.075 ug/l

RT: 13.25 min Scan# 1888

Delta R.T. -0.01 min

Lab File: VY000909.D

Acq: 09 Dec 2019 12:30

Instrument :

MSVOA_Y

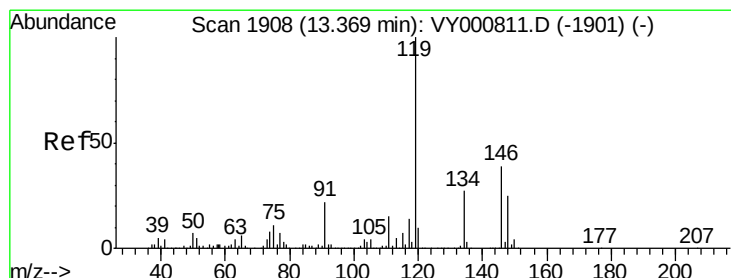
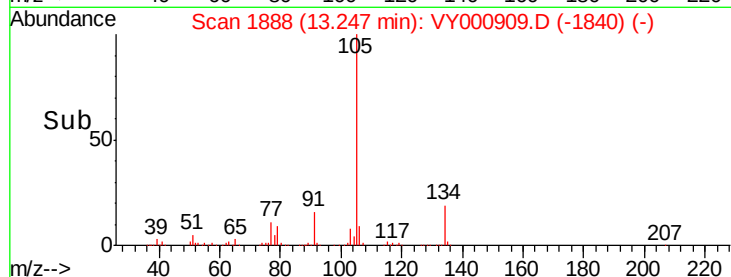
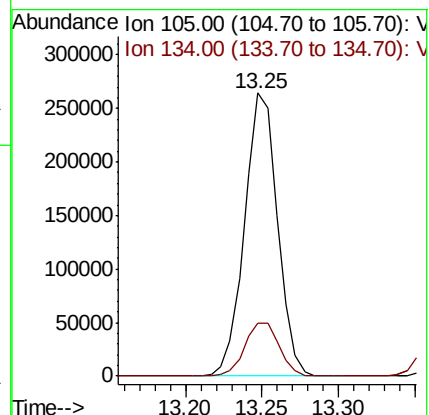
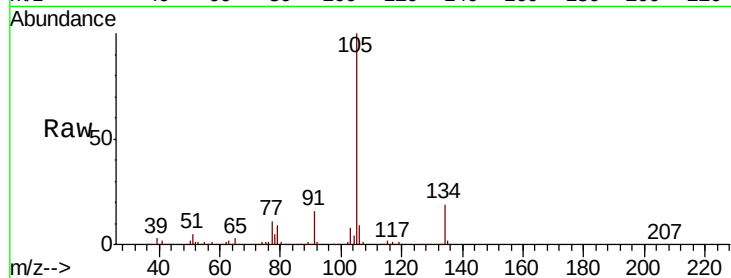
ClientSampleId :

Tot Ion:105 Resp: 395550

Ion Ratio Lower Upper

105 100

134 19.7 10.1 30.1



#86

p-Isopropyltoluene

Concen: 20.136 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. -0.01 min

Lab File: VY000909.D

Acq: 09 Dec 2019 12:30

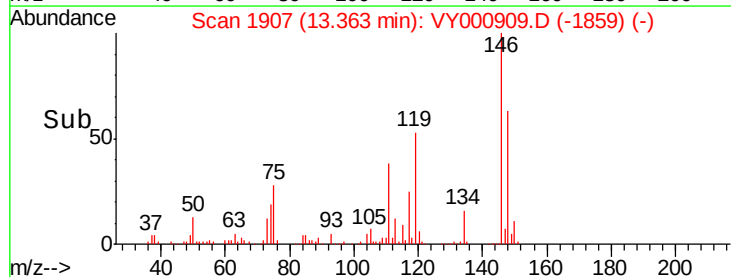
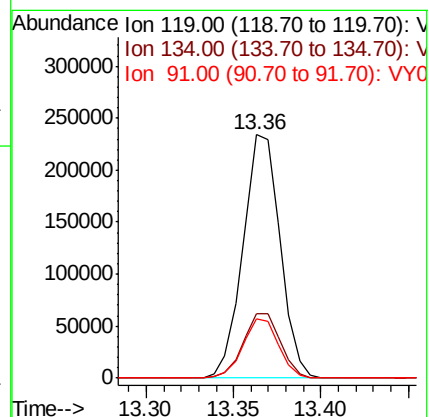
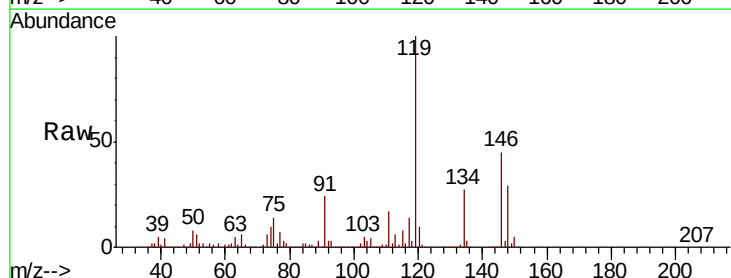
Tgt Ion:119 Resp: 345090

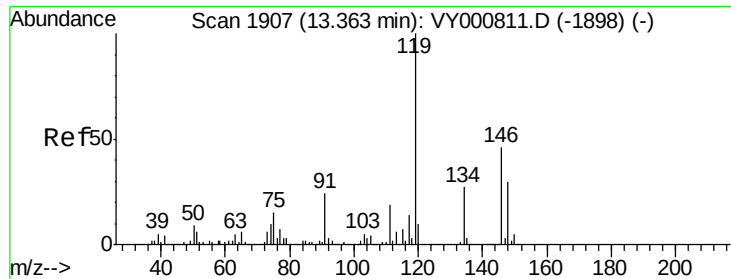
Ion Ratio Lower Upper

119 100

134 27.0 13.5 40.4

91 23.6 11.5 34.5

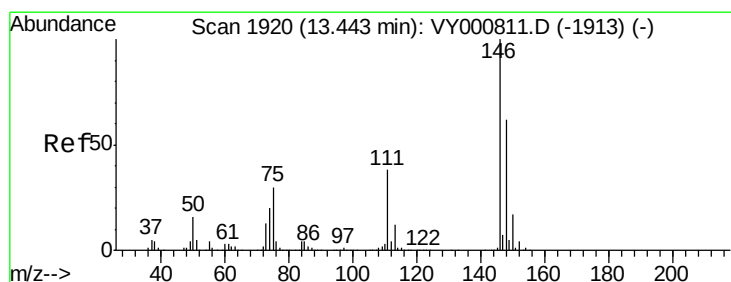
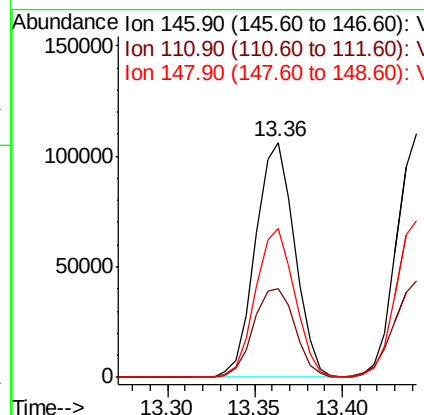
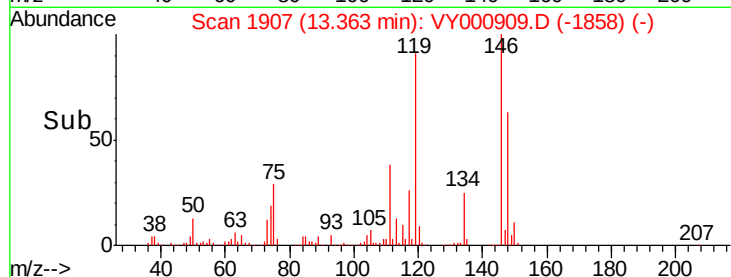
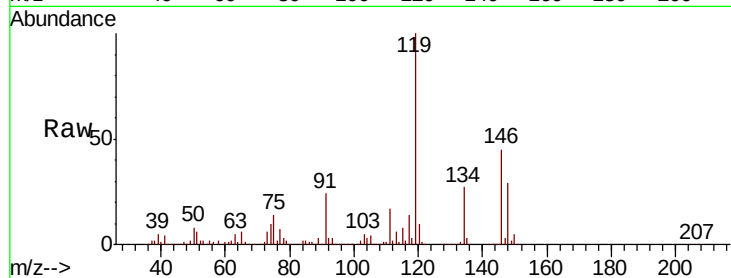




#87
 1,3-Dichlorobenzene
 Concen: 20.018 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VY000909.D
 Acq: 09 Dec 2019 12:30

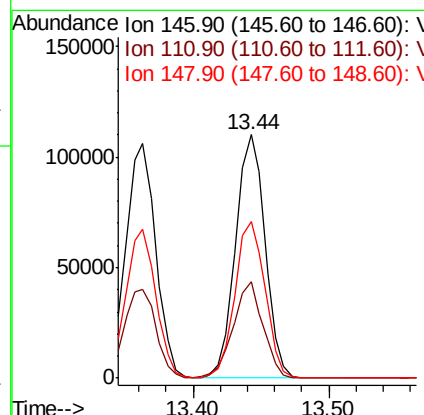
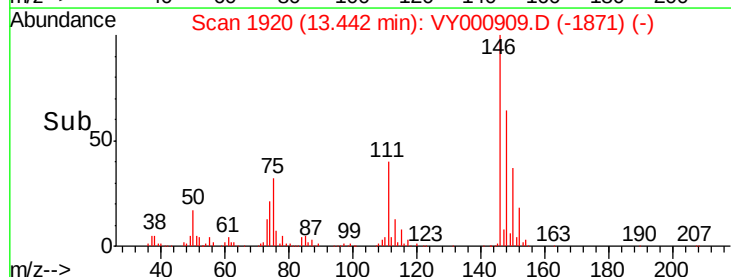
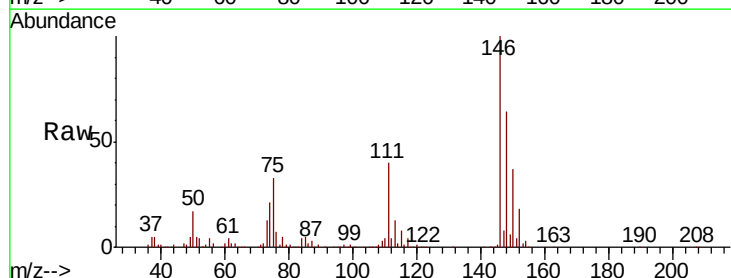
Instrument :
 MSVOA_Y
 ClientSampleId :

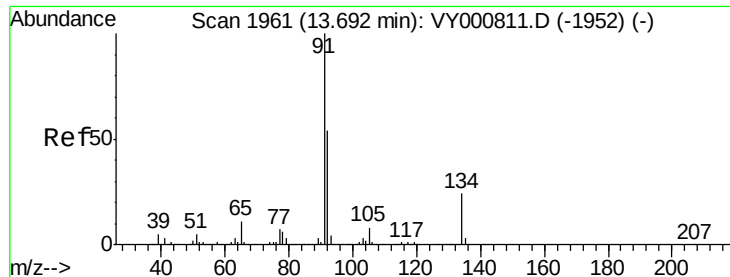
Tot Ion:146 Resp: 165663
 Ion Ratio Lower Upper
 146 100
 111 40.4 20.0 60.0
 148 63.3 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 20.289 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. -0.00 min
 Lab File: VY000909.D
 Acq: 09 Dec 2019 12:30

Tgt Ion:146 Resp: 166253
 Ion Ratio Lower Upper
 146 100
 111 40.1 20.0 59.9
 148 65.2 31.7 95.1

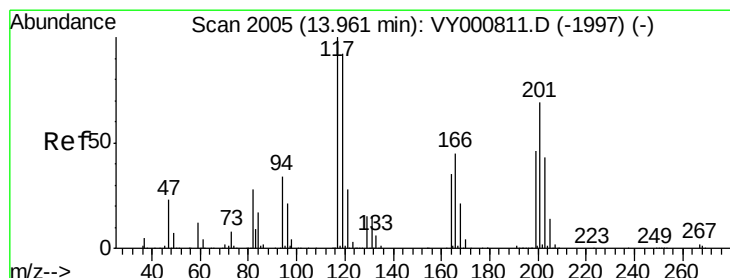
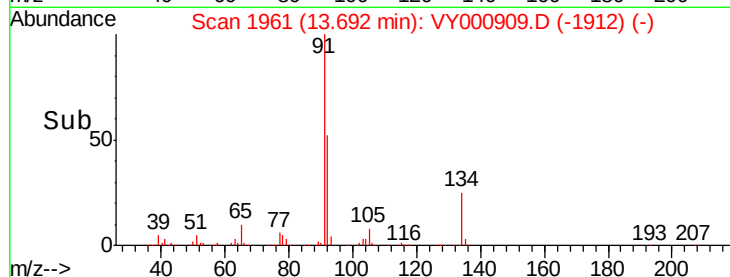
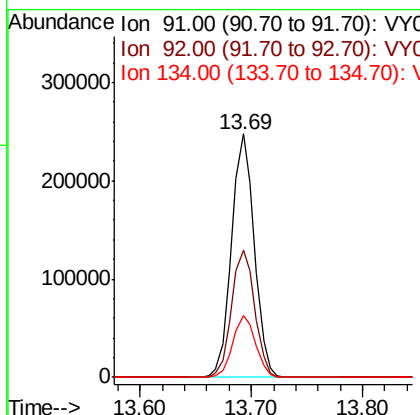
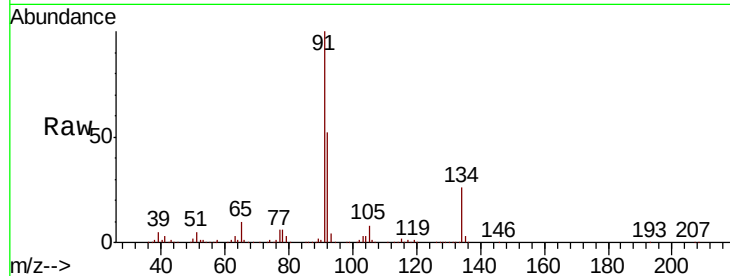




#89
n-Butylbenzene
Concen: 20.155 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. -0.00 min
Lab File: VY000909.D
Acq: 09 Dec 2019 12:30

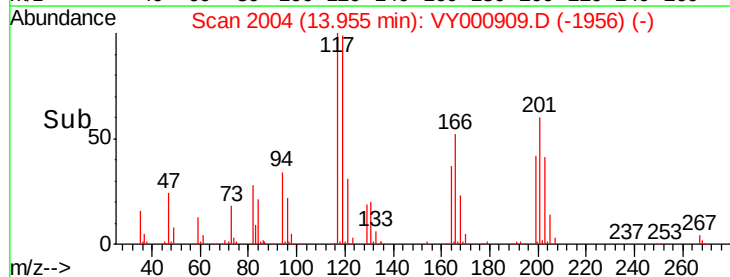
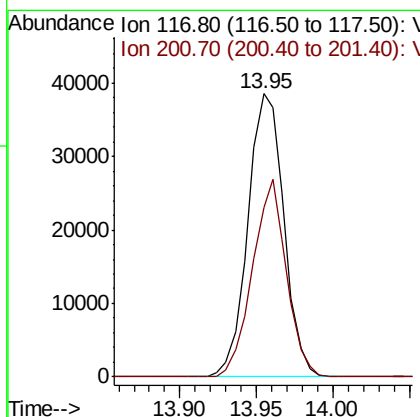
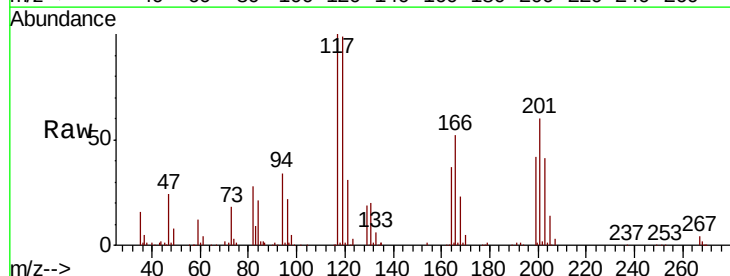
Instrument :
MSVOA_Y
ClientSampleId :

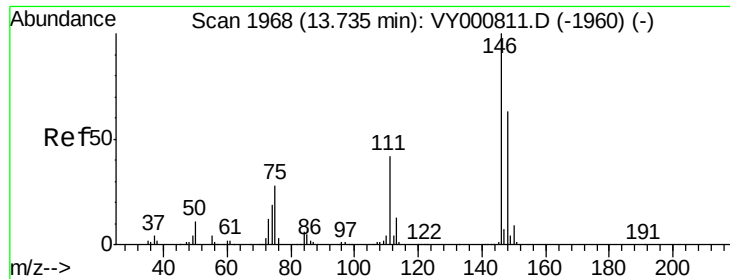
Tot Ion	91	Resp	349223
Ion Ratio	Lower	Upper	
91	100		
92	53.3	26.9	80.7
134	25.4	12.6	37.6



#90
Hexachloroethane
Concen: 19.918 ug/l
RT: 13.95 min Scan# 2004
Delta R.T. -0.01 min
Lab File: VY000909.D
Acq: 09 Dec 2019 12:30

Tgt Ion	117	Resp	62880
Ion Ratio	Lower	Upper	
117	100		
201	65.8	34.0	102.0

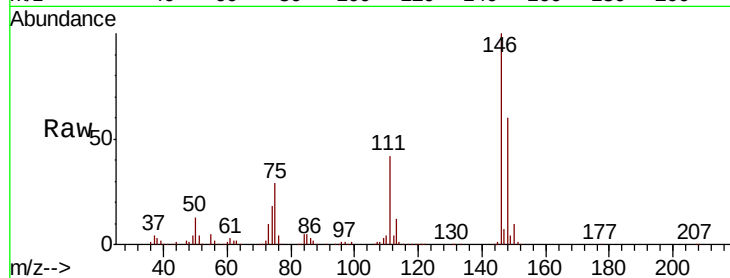




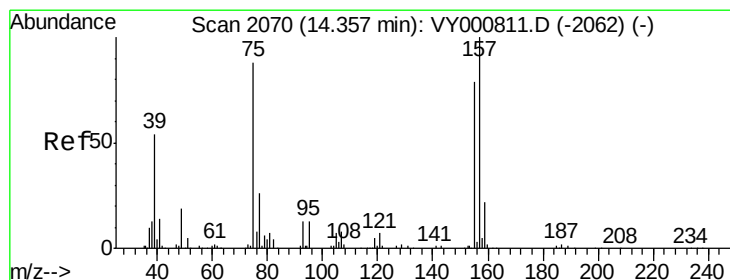
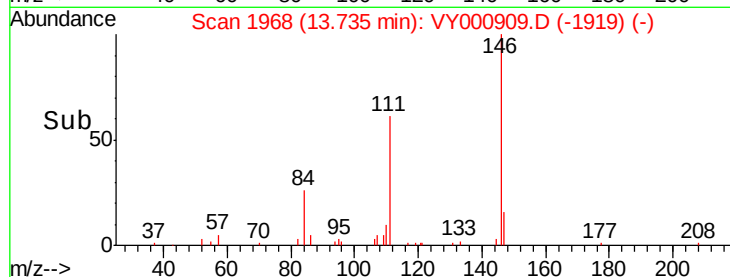
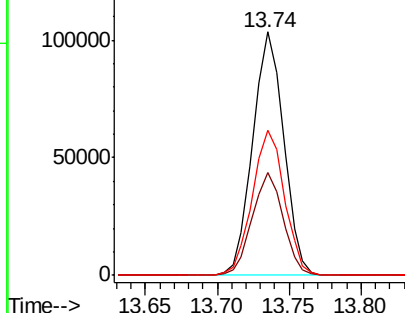
#91
 1,2-Dichlorobenzene
 Concen: 20.651 ug/l
 RT: 13.74 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: VY000909.D
 Acq: 09 Dec 2019 12:30

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.8	20.9	62.7
148	61.7	32.1	96.3

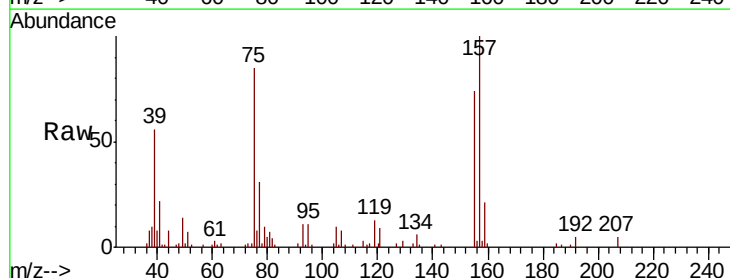


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

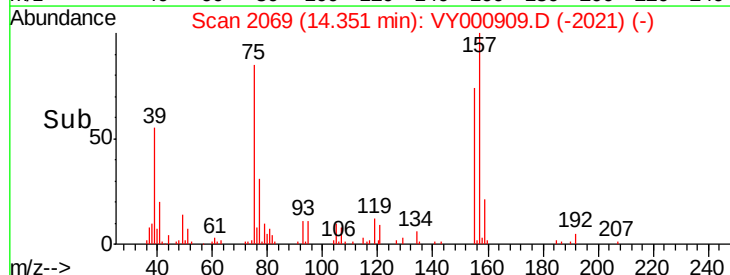
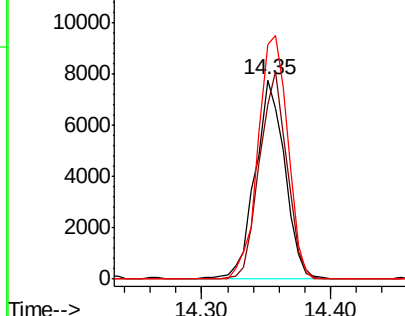


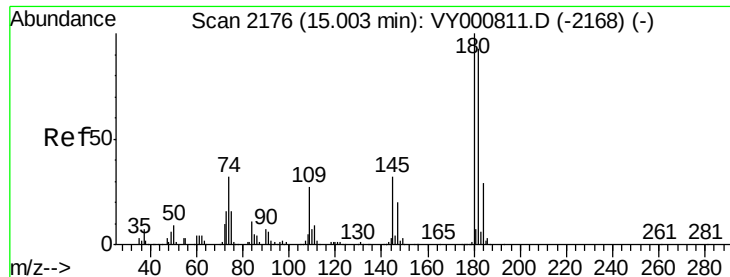
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.120 ug/l
 RT: 14.35 min Scan# 2069
 Delta R.T. -0.01 min
 Lab File: VY000909.D
 Acq: 09 Dec 2019 12:30

Tgt Ion	Ratio	Lower	Upper
75	100		
155	96.9	44.3	132.9
157	122.6	56.3	168.9



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

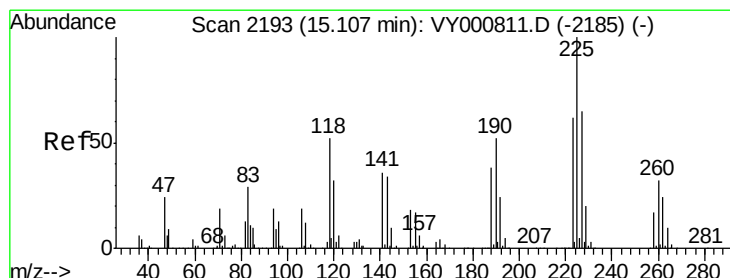
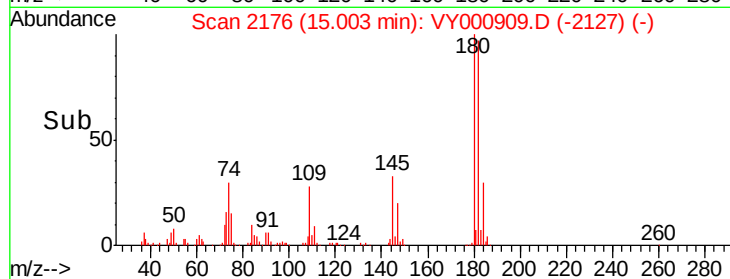
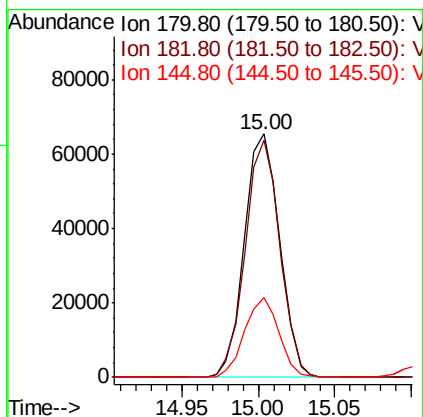
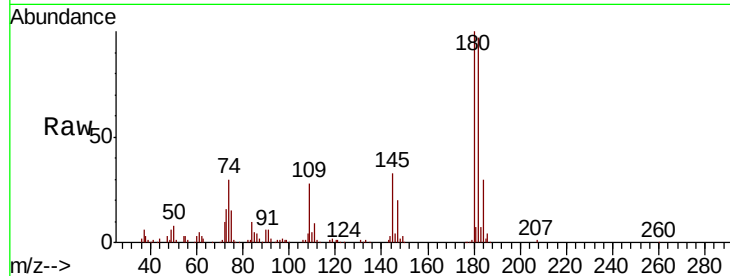




#93
 1,2,4-Trichlorobenzene
 Concen: 20.875 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VY000909.D
 Acq: 09 Dec 2019 12:30

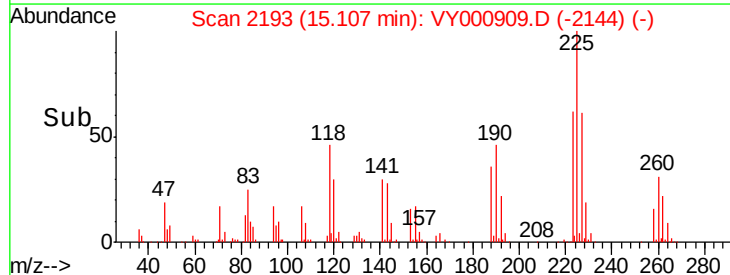
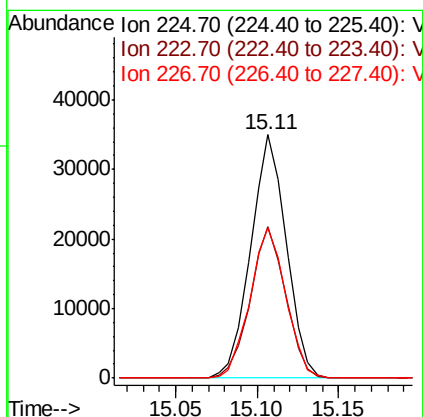
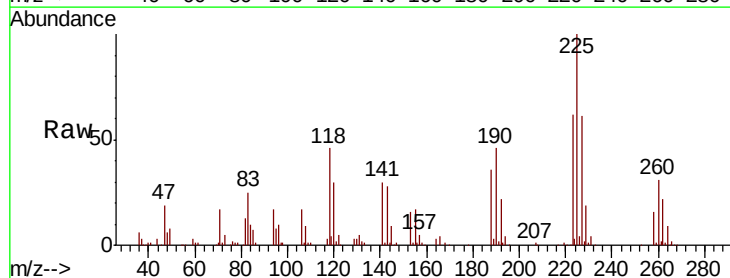
Instrument :
 MSVOA_Y
 ClientSampleId :

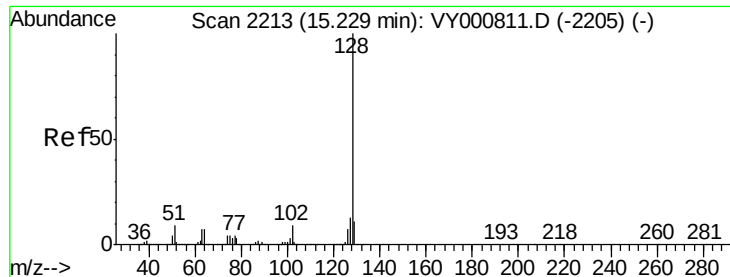
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.5	47.3	141.9
145	32.0	16.0	47.9



#94
 Hexachlorobutadiene
 Concen: 21.288 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. -0.00 min
 Lab File: VY000909.D
 Acq: 09 Dec 2019 12:30

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.4	31.4	94.3
227	61.7	31.8	95.3

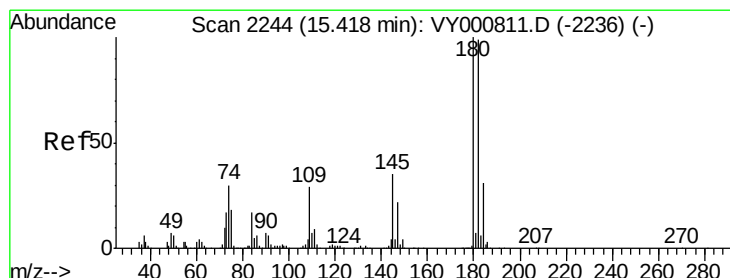
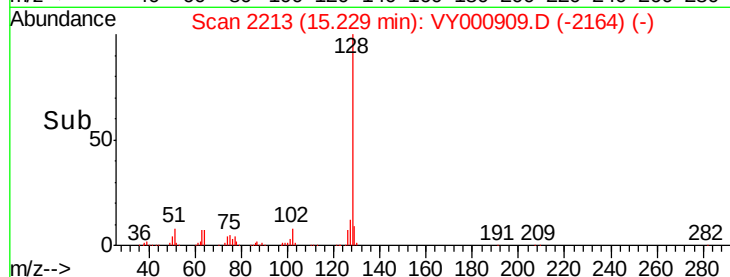
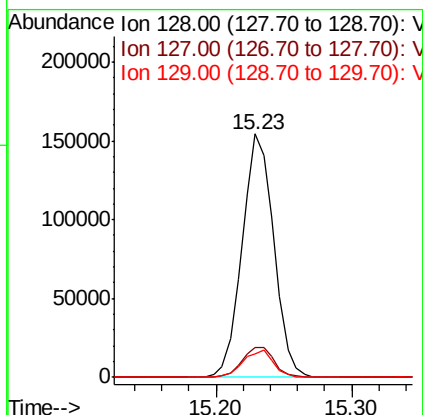
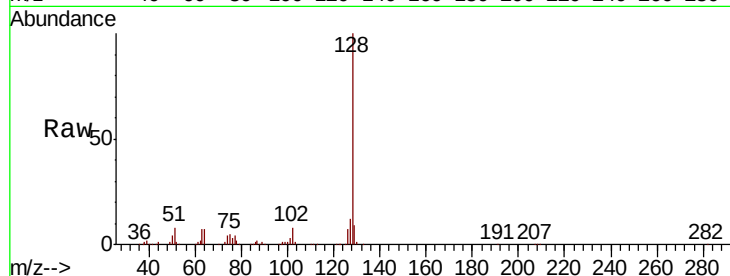




#95
Naphthalene
Concen: 21.444 ug/l
RT: 15.23 min Scan# 2213
Delta R.T. -0.00 min
Lab File: VY000909.D
Acq: 09 Dec 2019 12:30

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:128 Resp: 250820
Ion Ratio Lower Upper
128 100
127 12.5 10.1 15.1
129 10.7 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 21.050 ug/l
RT: 15.42 min Scan# 2244
Delta R.T. -0.00 min
Lab File: VY000909.D
Acq: 09 Dec 2019 12:30

Tgt Ion:180 Resp: 94709
Ion Ratio Lower Upper
180 100
182 93.5 48.0 144.0
145 33.2 16.9 50.6

