

Data File : VY000869.D
Acq On : 04 Dec 2019 18:27
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Quant Time: Dec 05 07:56:41 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	284652	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	517079	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	474116	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	219009	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	154433	51.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.12%	
35) Dibromofluoromethane	7.73	113	148571	49.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.60%	
50) Toluene-d8	10.18	98	600734	49.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.72%	
62) 4-Bromofluorobenzene	12.48	95	212786	47.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.06%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.90	85	126805	41.383	ug/l	93
3) Chloromethane	2.11	50	172558	45.685	ug/l	97
4) Vinyl Chloride	2.25	62	170376	45.769	ug/l	100
5) Bromomethane	2.65	94	107602	47.777	ug/l	93
6) Chloroethane	2.80	64	106819	46.802	ug/l	96
7) Trichlorofluoromethane	3.13	101	233180	45.707	ug/l	96
8) Diethyl Ether	3.54	74	96626	50.323	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.90	101	144613	45.902	ug/l	99
10) Methyl Iodide	4.10	142	185148	46.677	ug/l	100
11) Tert butyl alcohol	4.97	59	73544	241.679	ug/l	99
12) 1,1-Dichloroethene	3.88	96	145678	46.676	ug/l	97
13) Acrolein	3.74	56	74255	247.714	ug/l	98
14) Allyl chloride	4.49	41	264337	49.395	ug/l	99
15) Acrylonitrile	5.18	53	251858	254.018	ug/l	98
16) Acetone	3.96	43	172365	248.416	ug/l	96
17) Carbon Disulfide	4.20	76	455999	45.174	ug/l	100
18) Methyl Acetate	4.49	43	142187	49.009	ug/l	100
19) Methyl tert-butyl Ether	5.23	73	428895	51.456	ug/l	100
20) Methylene Chloride	4.72	84	178303	48.751	ug/l	98
21) trans-1,2-Dichloroethene	5.22	96	168578	47.521	ug/l	96
22) Diisopropyl ether	6.13	45	569382	51.766	ug/l	98
23) Vinyl Acetate	6.07	43	1748986	261.561	ug/l	100
24) 1,1-Dichloroethane	6.03	63	300067	49.498	ug/l	97
25) 2-Butanone	7.00	43	318434	248.440	ug/l	99
26) 2,2-Dichloropropane	6.99	77	239123	46.866	ug/l	99
27) cis-1,2-Dichloroethene	7.00	96	191857	50.033	ug/l	99
28) Bromochloromethane	7.35	49	130918	58.541	ug/l	95
29) Tetrahydrofuran	7.36	42	221976	261.349	ug/l	97
30) Chloroform	7.52	83	288339	47.413	ug/l	98
31) Cyclohexane	7.80	56	293103	45.640	ug/l	98
32) 1,1,1-Trichloroethane	7.71	97	240492	47.890	ug/l	100
36) 1,1-Dichloropropene	7.92	75	230618	44.856	ug/l	100
37) Ethyl Acetate	7.08	43	140700	47.395	ug/l	98
38) Carbon Tetrachloride	7.91	117	209055	45.658	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	303297	44.526	ug/l	99
40) Benzene	8.17	78	713794	47.663	ug/l	100
41) Methacrylonitrile	7.35	41	194210	124.124	ug/l #	1
42) 1,2-Dichloroethane	8.25	62	196437	49.877	ug/l	99
43) Isopropyl Acetate	8.28	43	267919	47.891	ug/l	99
44) Trichloroethene	8.94	130	180767	46.968	ug/l	96
45) 1,2-Dichloropropane	9.22	63	184647	49.087	ug/l	97
46) Dibromomethane	9.31	93	97763	49.741	ug/l	99
47) Bromodichloromethane	9.50	83	227101	49.187	ug/l	98
48) Methyl methacrylate	9.30	41	117742	47.862	ug/l	94
49) 1,4-Dioxane	9.30	88	27861	1000.442	ug/l #	95
51) 4-Methyl-2-Pentanone	10.07	43	721384	249.572	ug/l	98
52) Toluene	10.25	92	445497	48.046	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	250871	50.574	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	290238	49.501	ug/l	98
55) 1,1,2-Trichloroethane	10.64	97	141746	48.814	ug/l	98
56) Ethyl methacrylate	10.51	69	209156	50.351	ug/l	98
57) 1,3-Dichloropropane	10.79	76	254684	50.323	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.78	63	386894	230.990	ug/l	100
59) 2-Hexanone	10.83	43	490179	232.728	ug/l	100
60) Dibromochloromethane	10.99	129	157124	50.264	ug/l	100
61) 1,2-Dibromoethane	11.09	107	136855	50.008	ug/l	98
64) Tetrachloroethene	10.72	164	191769	46.555	ug/l	95
65) Chlorobenzene	11.52	112	459260	46.601	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.59	131	160830	48.425	ug/l	99
67) Ethyl Benzene	11.59	91	858718	46.786	ug/l	98
68) m/p-Xylenes	11.70	106	640671	92.997	ug/l	99
69) o-Xylene	12.03	106	307073	47.805	ug/l	98
70) Styrene	12.04	104	534398	48.587	ug/l	99
71) Bromoform	12.20	173	92346	49.299	ug/l #	99
73) Isopropylbenzene	12.33	105	815739	46.779	ug/l	100
74) N-amyl acetate	12.14	43	236158	48.656	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	167355	48.707	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	226336	91.215	ug/l #	100
77) Bromobenzene	12.61	156	181187	47.934	ug/l	98
78) n-propylbenzene	12.67	91	998749	46.907	ug/l	100
79) 2-Chlorotoluene	12.75	91	551343	46.872	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	681741	47.218	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	61462	48.655	ug/l	98
82) 4-Chlorotoluene	12.85	91	572188	47.215	ug/l	100
83) tert-Butylbenzene	13.08	119	568707	46.850	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	675968	46.796	ug/l	99
85) sec-Butylbenzene	13.25	105	829369	46.979	ug/l	99
86) p-Isopropyltoluene	13.37	119	723434	47.113	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	353153	47.626	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	349676	47.626	ug/l	100
89) n-Butylbenzene	13.69	91	729073	46.961	ug/l	99
90) Hexachloroethane	13.96	117	136695	48.326	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	325760	48.840	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	27988	48.655	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY120419\
Quantitation Report (Not Reviewed)

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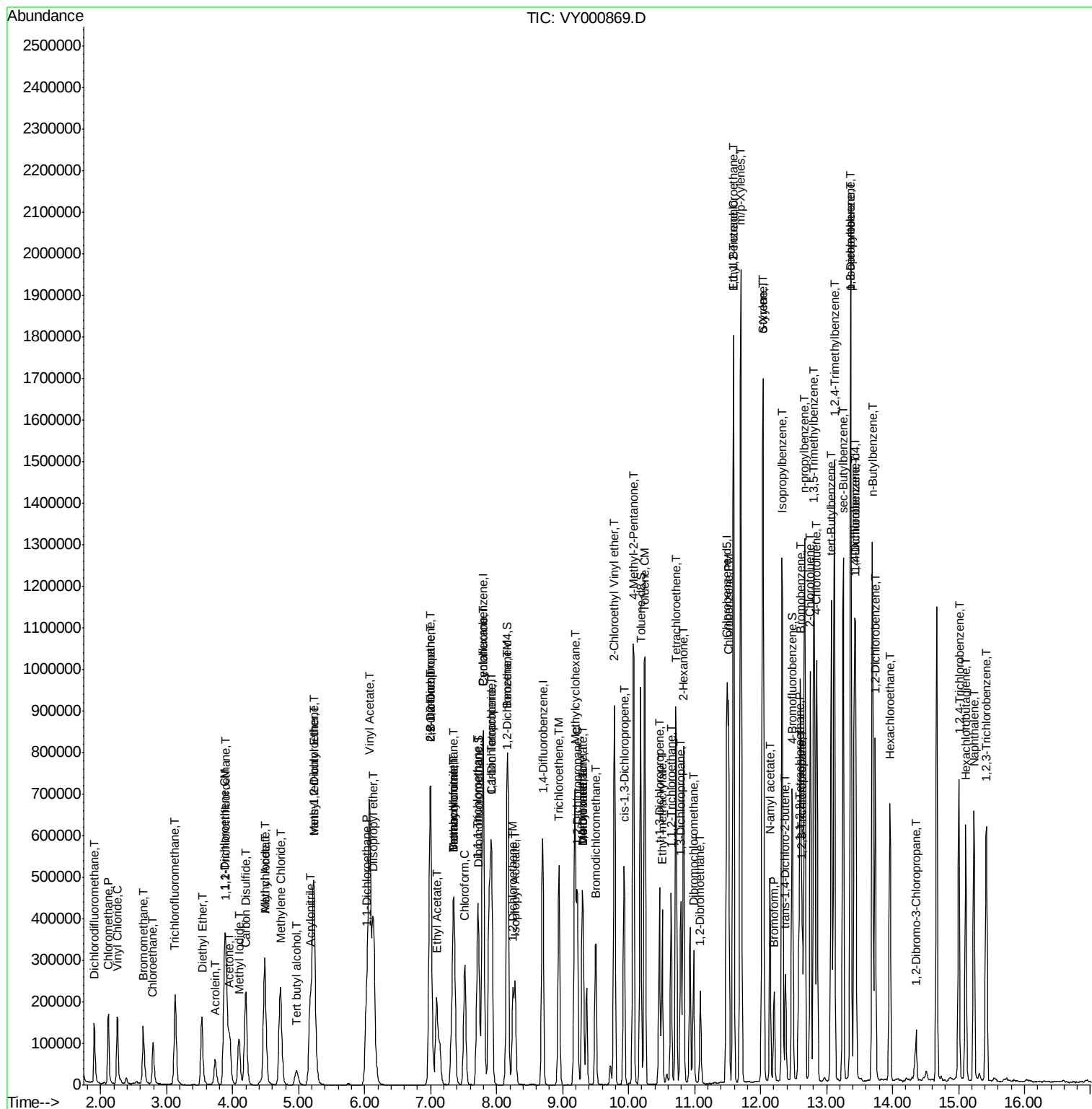
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	216358	47.938	ug/l	99
94) Hexachlorobutadiene	15.11	225	102168	45.658	ug/l	98
95) Naphthalene	15.23	128	513617	49.010	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	193278	47.943	ug/l	100

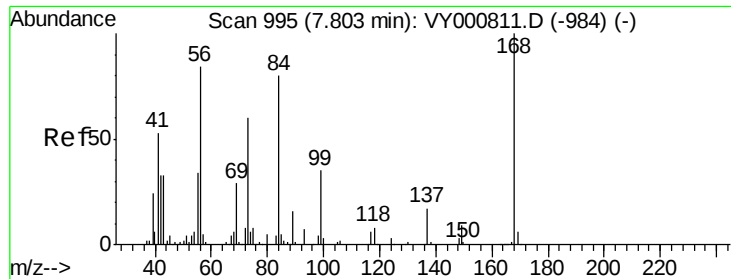
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.00 min

Lab File: VY000869.D

Acq: 04 Dec 2019 18:27

Instrument :

MSVOA_Y

ClientSampleId :

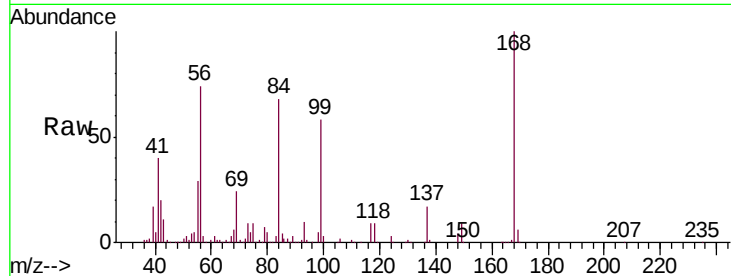
VSTDCCC050EC

Tgt Ion:168 Resp: 284652

Ion Ratio Lower Upper

168 100

99 57.6 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): VY000811.D (-984) (-)

Ion 98.90 (98.60 to 99.60): VY000811.D (-984) (-)

7.80

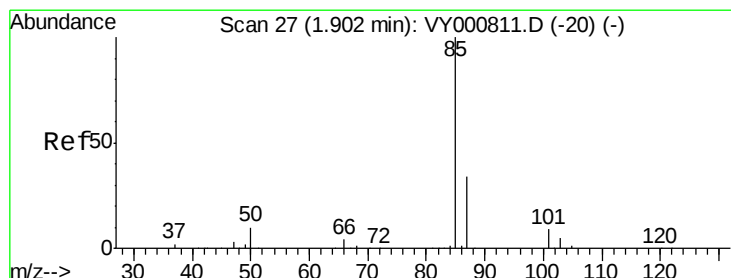
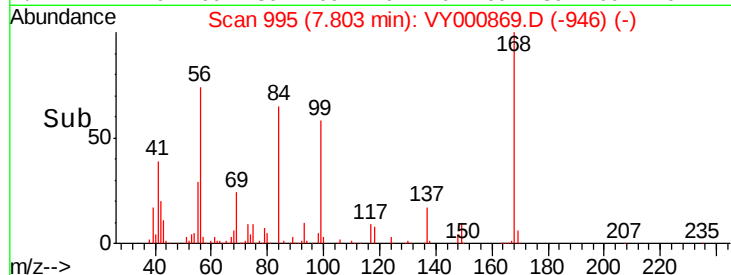
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 41.383 ug/l

RT: 1.90 min Scan# 27

Delta R.T. -0.00 min

Lab File: VY000869.D

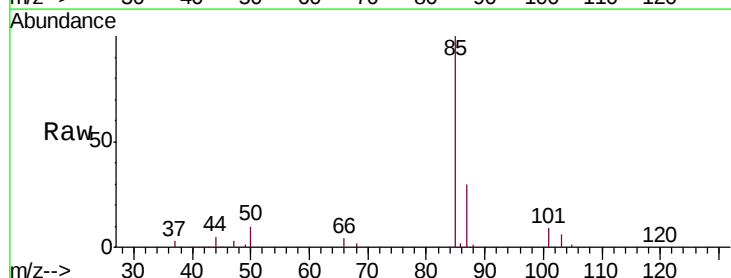
Acq: 04 Dec 2019 18:27

Tgt Ion: 85 Resp: 126805

Ion Ratio Lower Upper

85 100

87 29.7 16.8 50.3



Abundance Ion 84.90 (84.60 to 85.60): VY000811.D (-20) (-)

Ion 86.90 (86.60 to 87.60): VY000811.D (-20) (-)

1.90

80000

60000

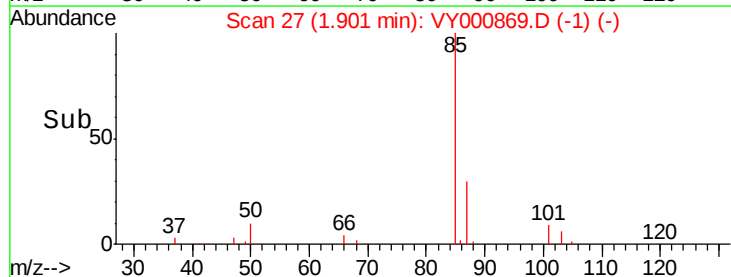
40000

20000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 45.685 ug/l

RT: 2.11 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY000869.D

Acq: 04 Dec 2019 18:27

Instrument :

MSVOA_Y

ClientSampleId :

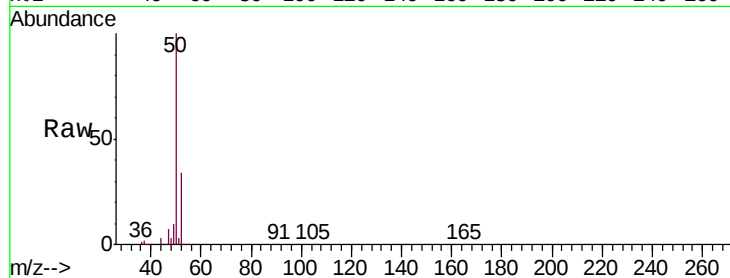
VSTDCCC050EC

Tgt Ion: 50 Resp: 172558

Ion Ratio Lower Upper

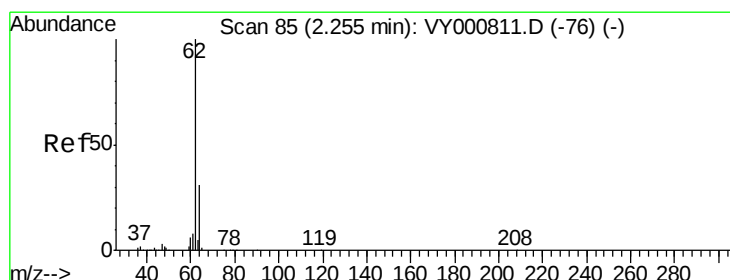
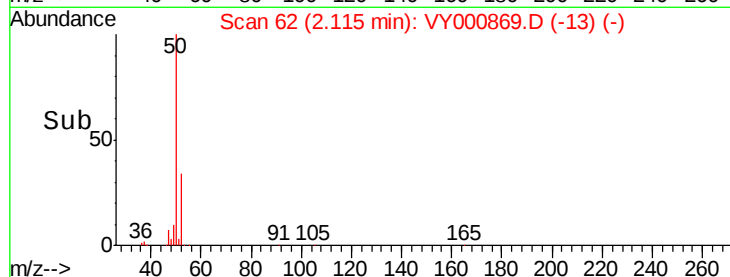
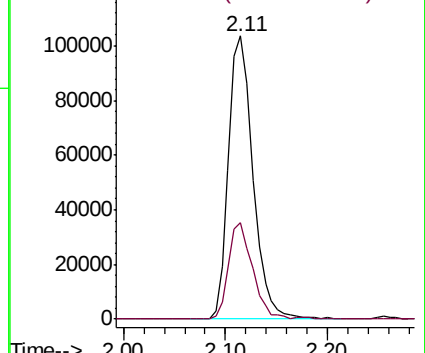
50 100

52 34.1 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: 45.769 ug/l

RT: 2.25 min Scan# 84

Delta R.T. -0.01 min

Lab File: VY000869.D

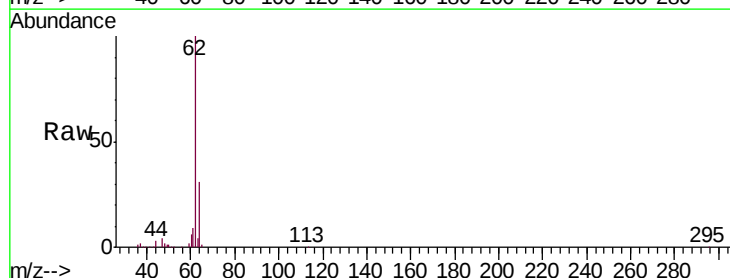
Acq: 04 Dec 2019 18:27

Tgt Ion: 62 Resp: 170376

Ion Ratio Lower Upper

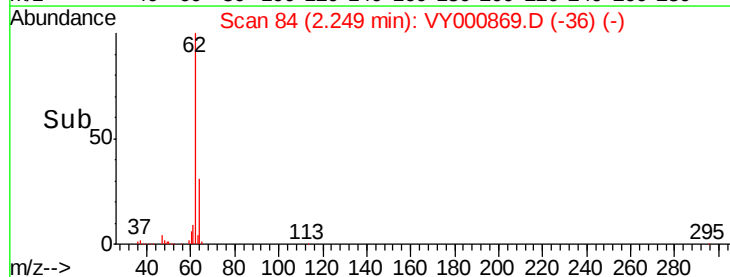
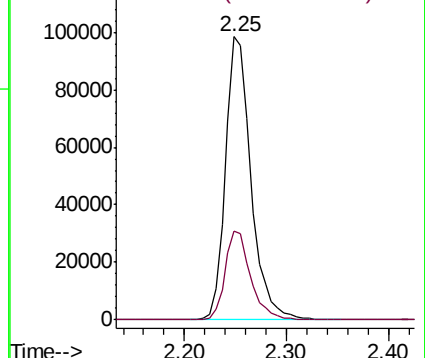
62 100

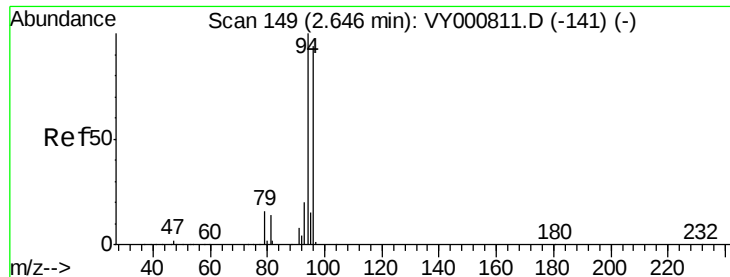
64 31.5 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 47.777 ug/l

RT: 2.65 min Scan# 149

Delta R.T. 0.00 min

Lab File: VY000869.D

Acq: 04 Dec 2019 18:27

Instrument :

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ClientSampleId :

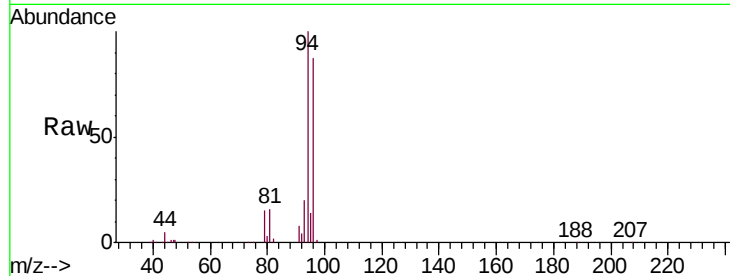
VSTDCCC050EC

Tgt Ion: 94 Resp: 107602

Ion Ratio Lower Upper

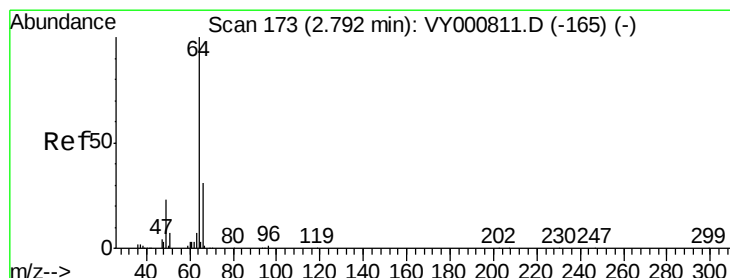
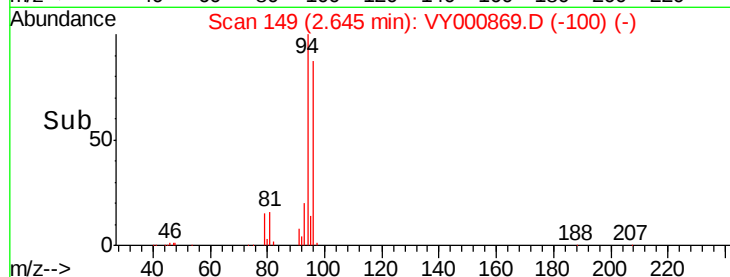
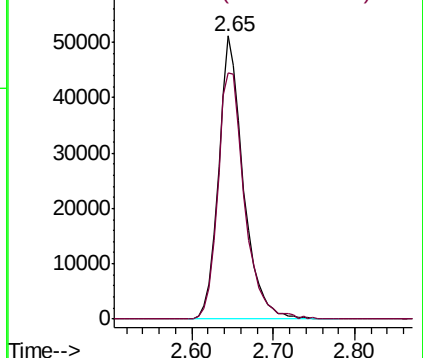
94 100

96 86.8 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: 46.802 ug/l

RT: 2.80 min Scan# 174

Delta R.T. 0.01 min

Lab File: VY000869.D

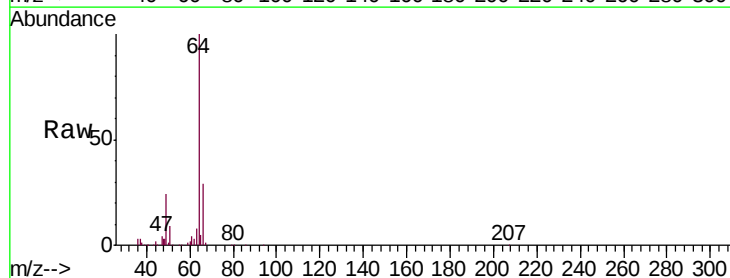
Acq: 04 Dec 2019 18:27

Tgt Ion: 64 Resp: 106819

Ion Ratio Lower Upper

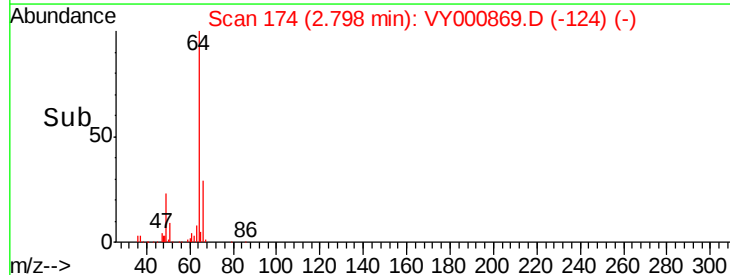
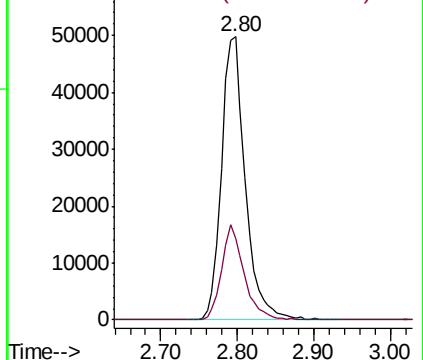
64 100

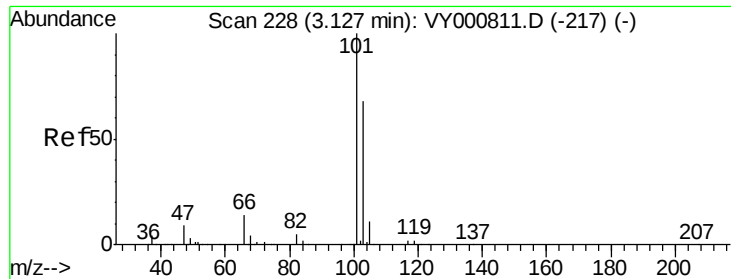
66 28.8 25.0 37.4



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



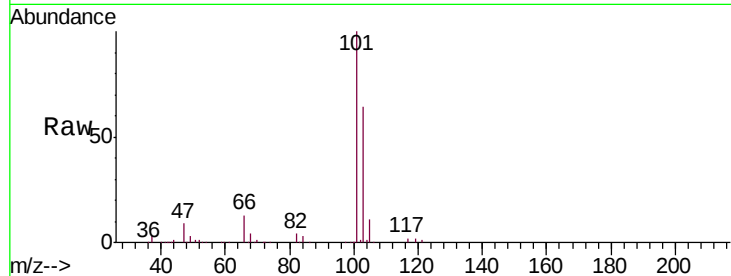


#7

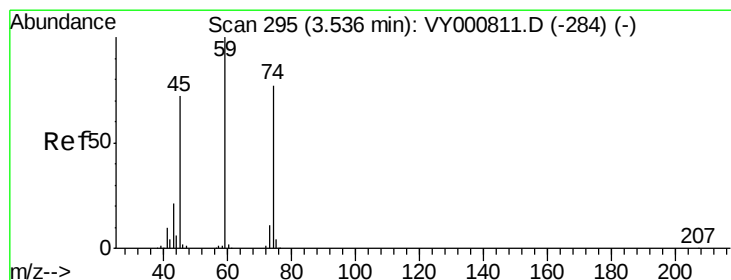
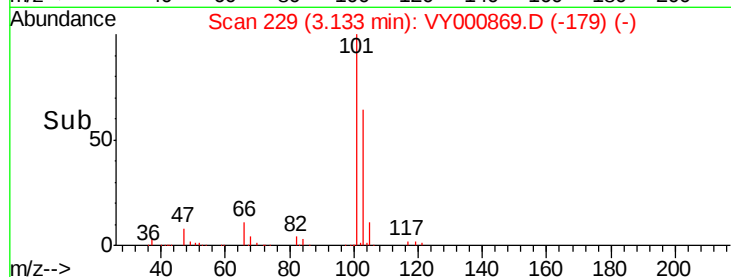
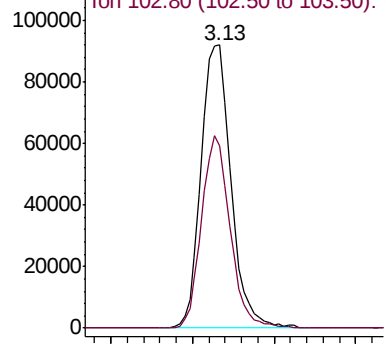
Trichlorofluoromethane
Concen: 45.707 ug/l
RT: 3.13 min Scan# 229
Delta R.T. 0.01 min
Lab File: VY000869.D
Acq: 04 Dec 2019 18:27

Instrument :
MSVOA_Y
ClientSampleId :
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Tgt Ion:101 Resp: 233180
Ion Ratio Lower Upper
101 100
103 64.4 54.2 81.2



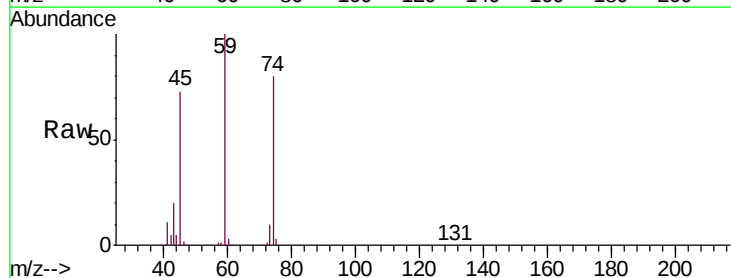
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



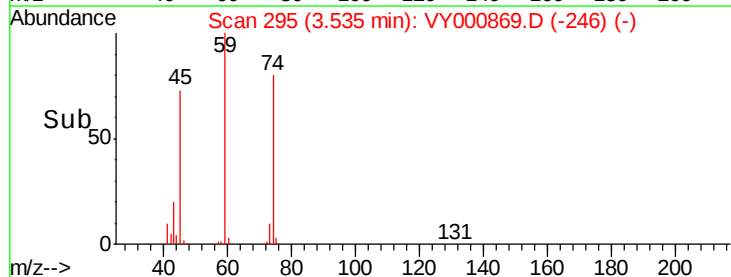
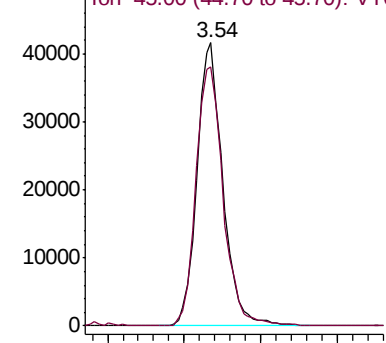
#8

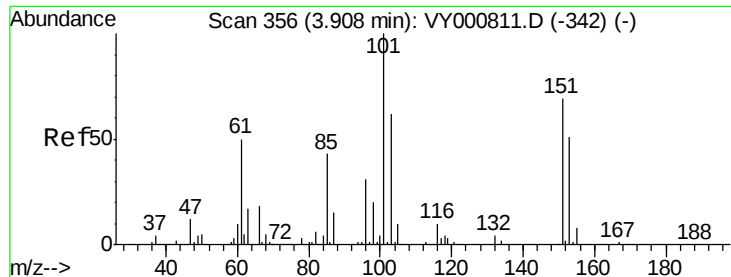
Diethyl Ether
Concen: 50.323 ug/l
RT: 3.54 min Scan# 295
Delta R.T. -0.00 min
Lab File: VY000869.D
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Tgt Ion: 74 Resp: 96626
Ion Ratio Lower Upper
74 100
45 97.1 49.0 147.0



Abundance Ion 74.00 (73.70 to 74.70): VY0
Ion 45.00 (44.70 to 45.70): VY0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.902 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.01 min

Lab File: VY000869.D

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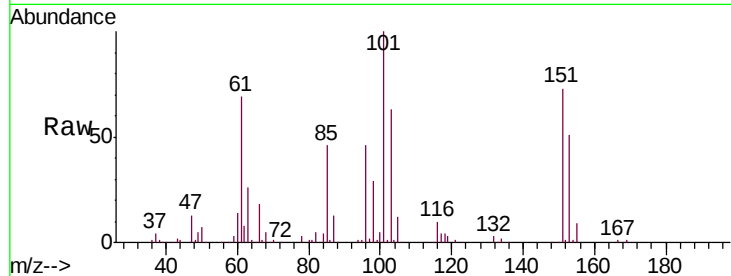
Tgt Ion:101 Resp: 144613

Ion Ratio Lower Upper

101 100

85 45.3 36.0 54.0

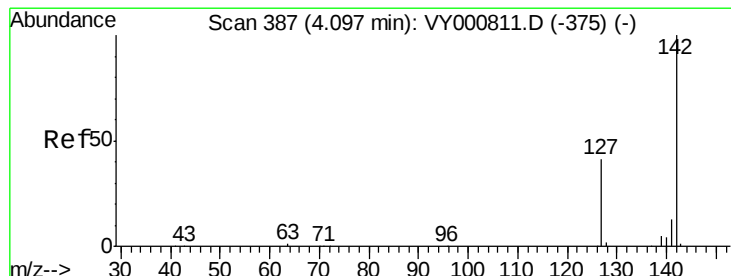
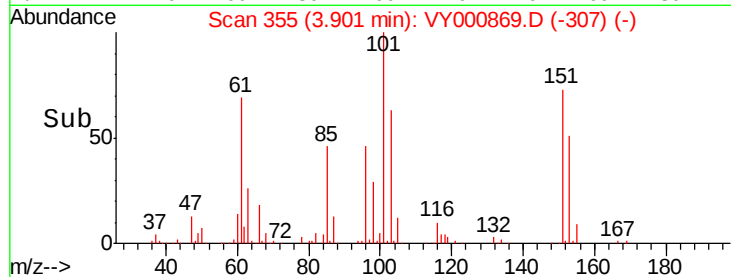
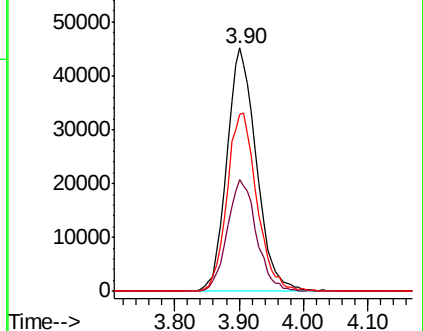
151 74.1 58.2 87.2



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: 46.677 ug/l

RT: 4.10 min Scan# 387

Delta R.T. -0.00 min

Lab File: VY000869.D

Acq: 04 Dec 2019 18:27

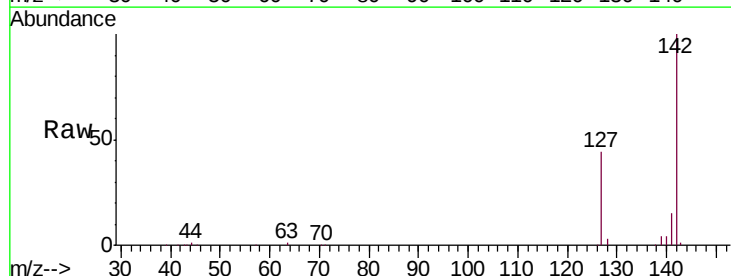
Tgt Ion:142 Resp: 185148

Ion Ratio Lower Upper

142 100

127 42.6 33.8 50.8

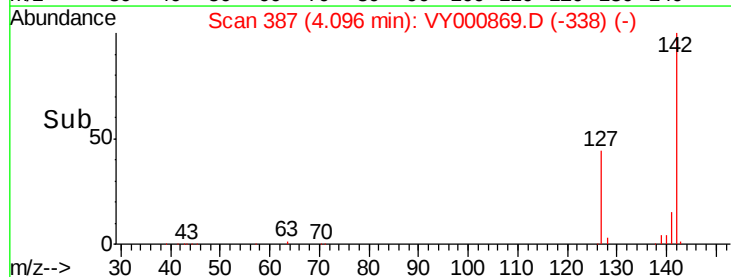
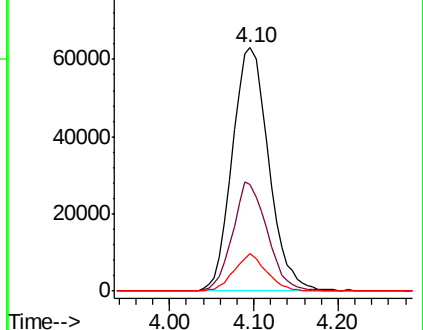
141 13.8 10.9 16.3

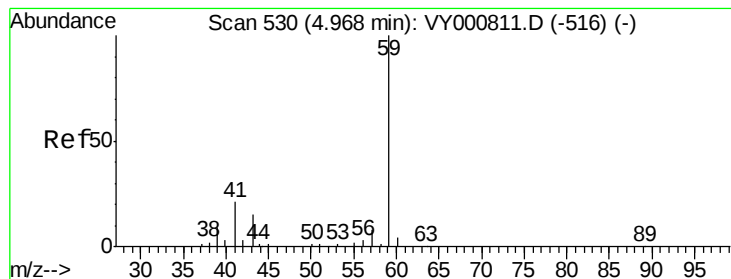


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



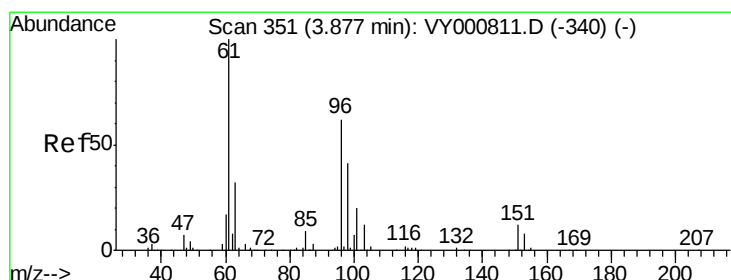
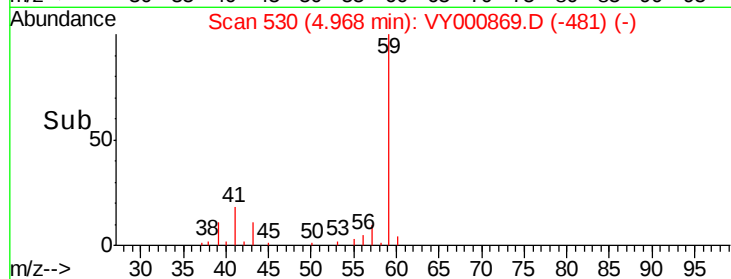
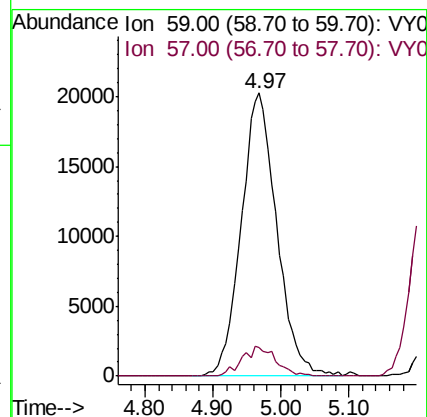
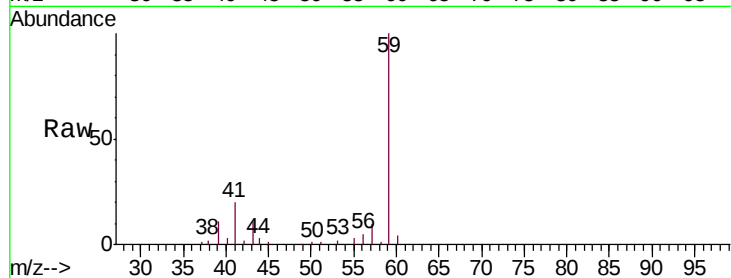


#11

Tert butyl alcohol
 Concen: 241.679 ug/l
 RT: 4.97 min Scan# 530
 Delta R.T. -0.00 min
 Lab File: VY000869.D
 Acq: 04 Dec 2019 18:27

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

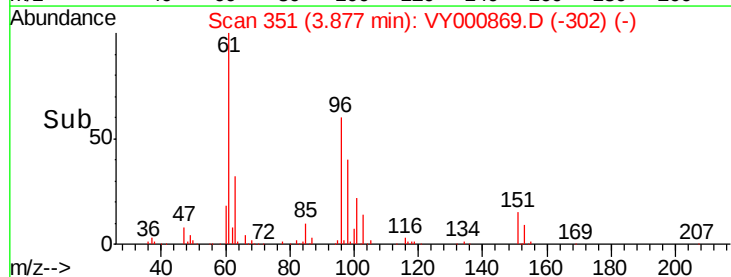
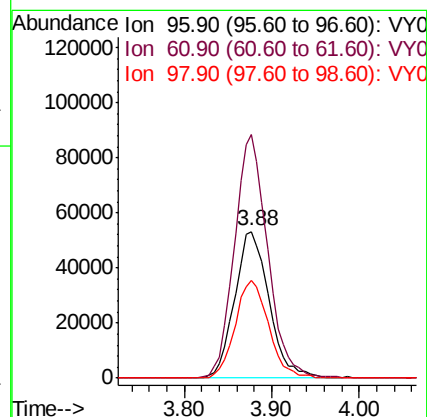
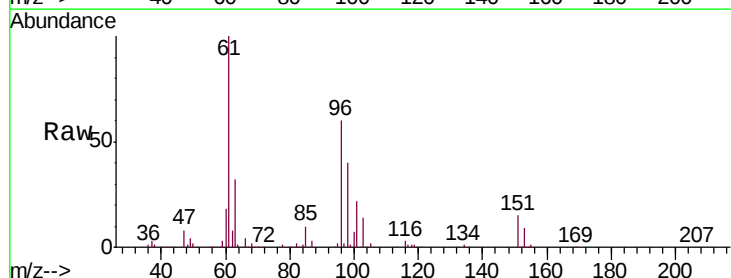
Tgt Ion: 59 Resp: 73544
 Ion Ratio Lower Upper
 59 100
 57 10.1 7.8 11.6

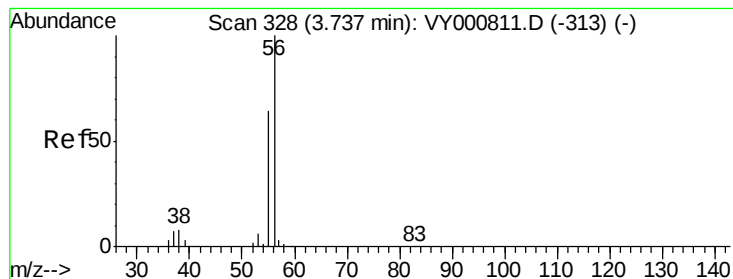


#12

1,1-Dichloroethene
 Concen: 46.676 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. -0.00 min
 Lab File: VY000869.D
 Acq: 04 Dec 2019 18:27

Tgt Ion: 96 Resp: 145678
 Ion Ratio Lower Upper
 96 100
 61 166.4 129.4 194.2
 98 67.1 53.4 80.0





#13

Acrolein

Concen: 247.714 ug/l

RT: 3.74 min Scan# 328

Delta R.T. -0.00 min

Lab File: VY000869.D

Acq: 04 Dec 2019 18:27

Instrument :

MSVOA_Y

ClientSampleId :

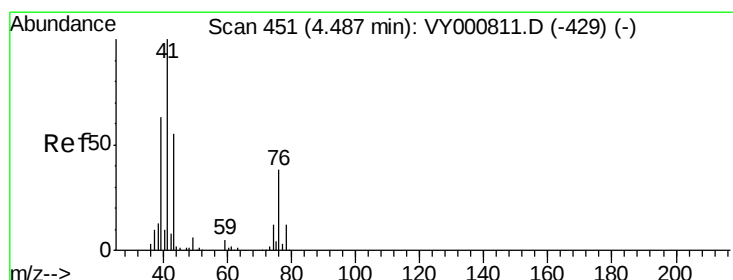
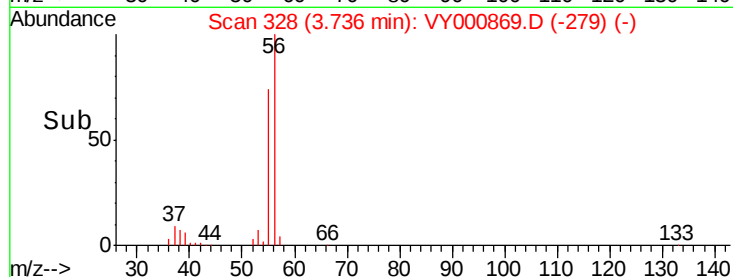
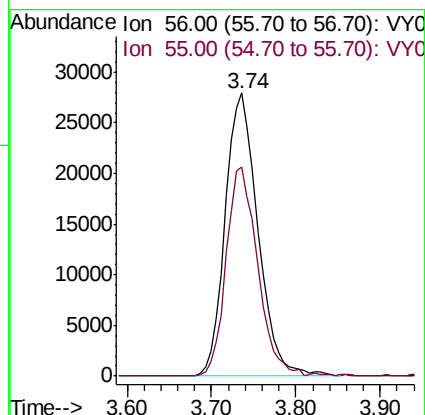
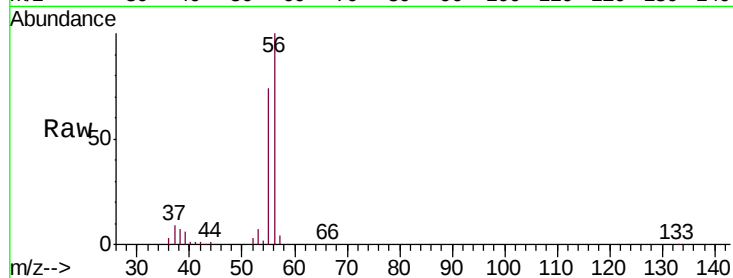
VSTDCCC050EC

Tgt Ion: 56 Resp: 74255

Ion Ratio Lower Upper

56 100

55 70.9 55.7 83.5



#14

Allyl chloride

Concen: 49.395 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.00 min

Lab File: VY000869.D

Acq: 04 Dec 2019 18:27

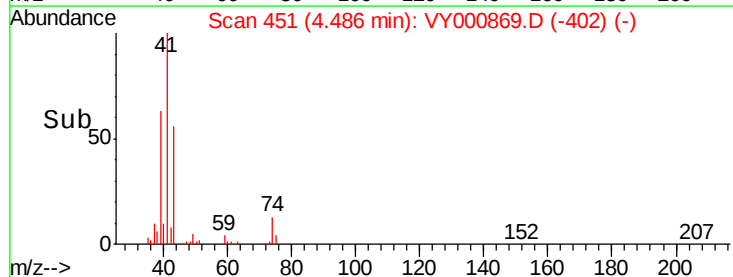
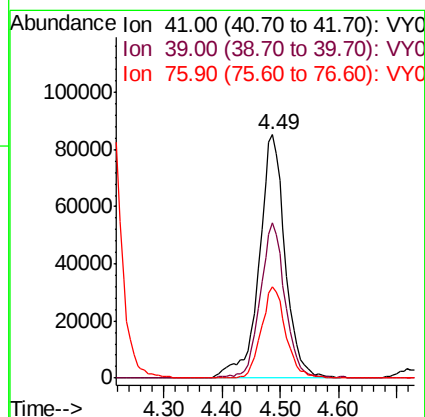
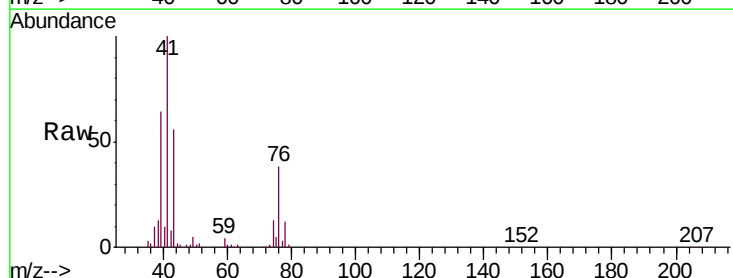
Tgt Ion: 41 Resp: 264337

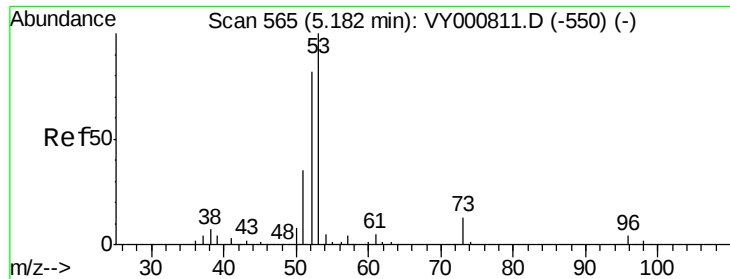
Ion Ratio Lower Upper

41 100

39 61.1 49.2 73.8

76 35.1 29.2 43.8





#15

Acrylonitrile

Concen: 254.018 ug/l

RT: 5.18 min Scan# 564

Delta R.T. -0.01 min

Lab File: VY000869.D

Acq: 04 Dec 2019 18:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

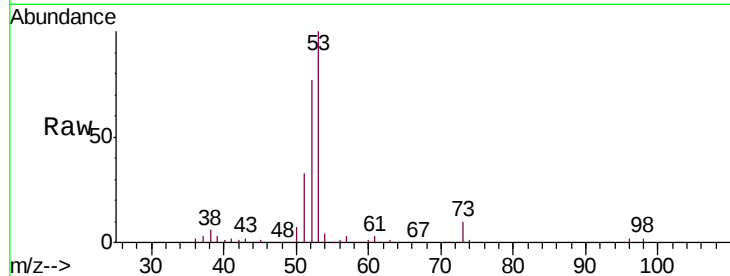
Tgt Ion: 53 Resp: 251858

Ion Ratio Lower Upper

53 100

52 80.3 65.1 97.7

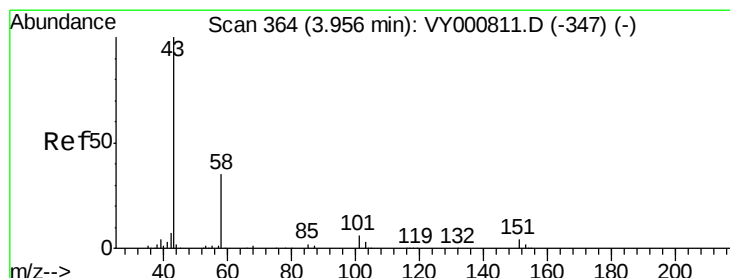
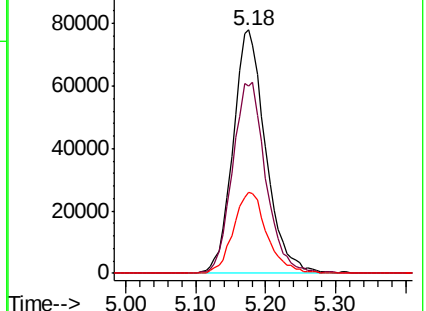
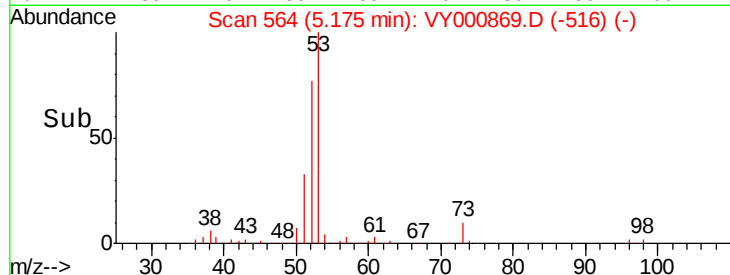
51 34.6 29.0 43.4



Abundance Ion 53.00 (52.70 to 53.70): VY000869.D (-516) (-)

Ion 52.00 (51.70 to 52.70): VY000869.D (-516) (-)

Ion 51.00 (50.70 to 51.70): VY000869.D (-516) (-)



#16

Acetone

Concen: 248.416 ug/l

RT: 3.96 min Scan# 364

Delta R.T. -0.00 min

Lab File: VY000869.D

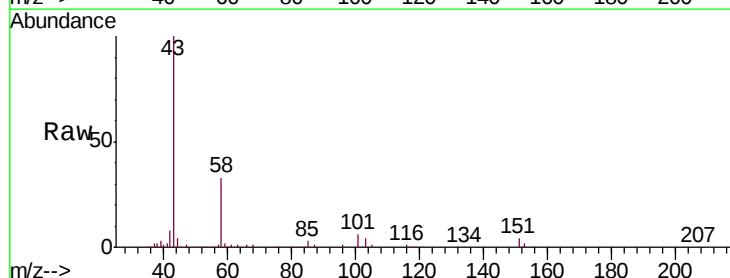
Acq: 04 Dec 2019 18:27

Tgt Ion: 43 Resp: 172365

Ion Ratio Lower Upper

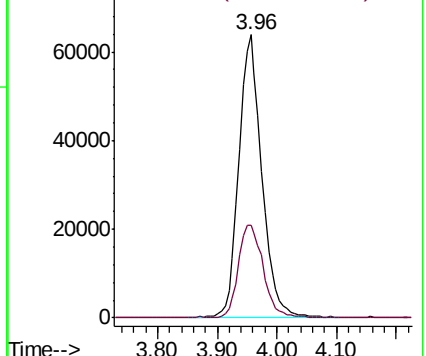
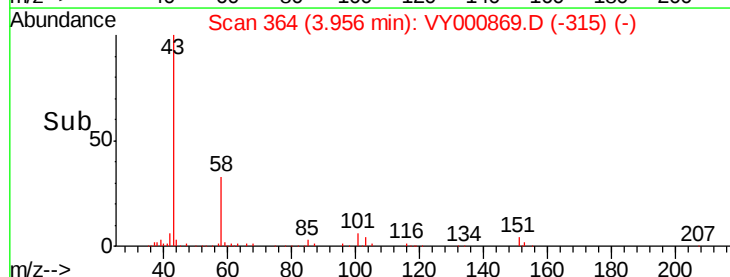
43 100

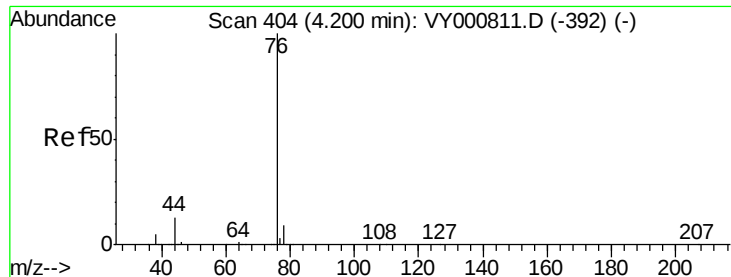
58 32.7 28.0 42.0



Abundance Ion 43.00 (42.70 to 43.70): VY000869.D (-315) (-)

Ion 58.00 (57.70 to 58.70): VY000869.D (-315) (-)





#17

Carbon Disulfide

Concen: 45.174 ug/l

RT: 4.20 min Scan# 404

Delta R.T. -0.00 min

Lab File: VY000869.D

Acq: 04 Dec 2019 18:27

Instrument :

MSVOA_Y

ClientSampleId :

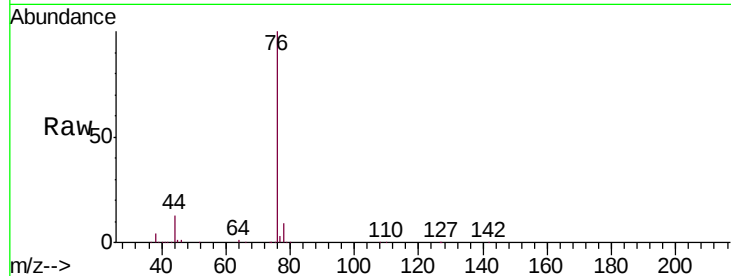
VSTDCCC050EC

Tgt Ion: 76 Resp: 455999

Ion Ratio Lower Upper

76 100

78 9.1 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

4.20

200000

150000

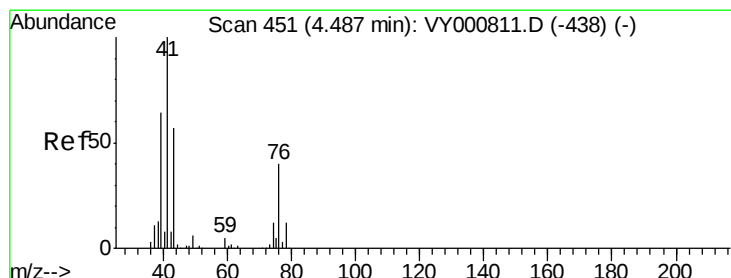
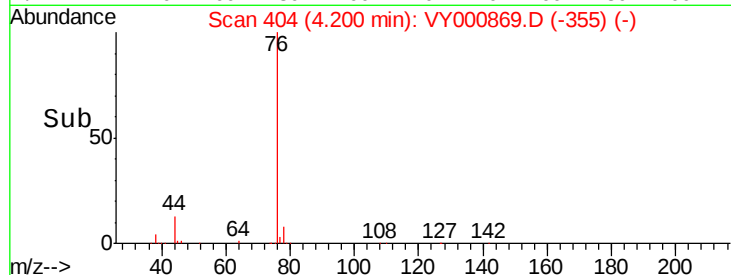
100000

50000

0

Time-->

4.10 4.20 4.30 4.40



#18

Methyl Acetate

Concen: 49.009 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.00 min

Lab File: VY000869.D

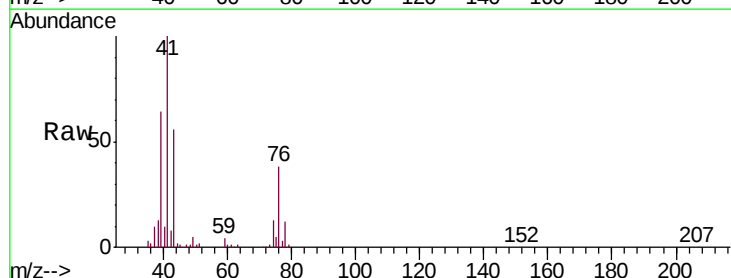
Acq: 04 Dec 2019 18:27

Tgt Ion: 43 Resp: 142187

Ion Ratio Lower Upper

43 100

74 23.1 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0

4.49

50000

40000

30000

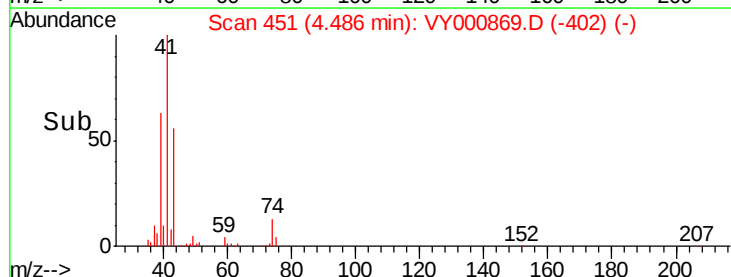
20000

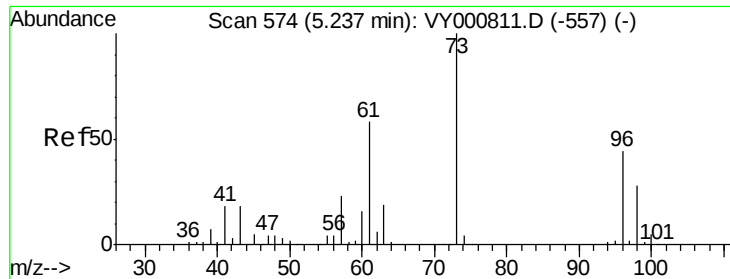
10000

0

Time-->

4.40 4.50 4.60

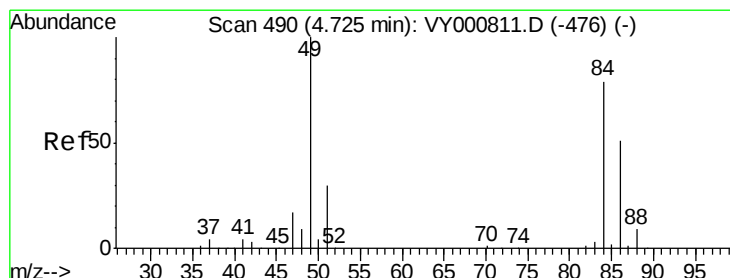
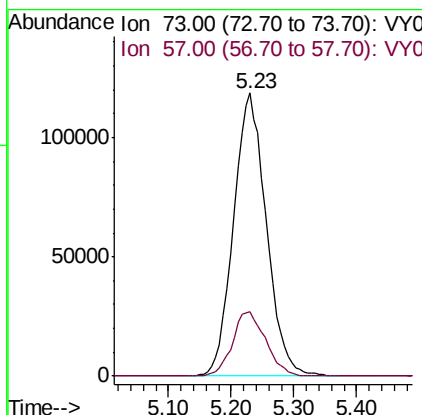
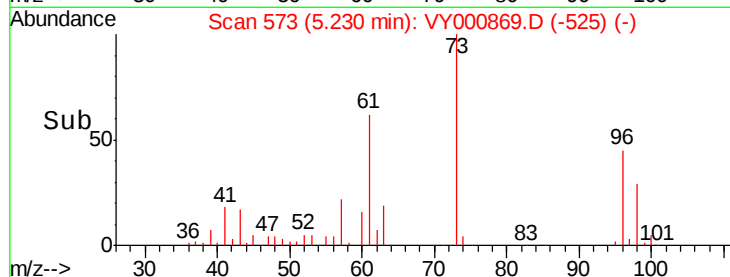
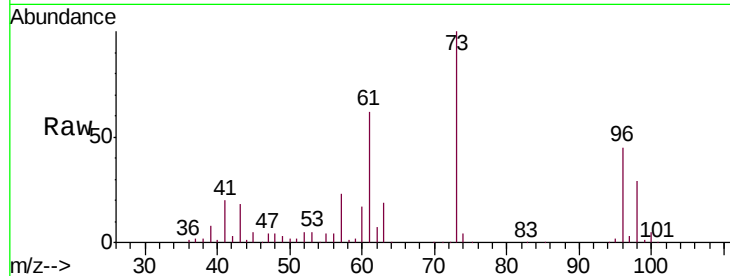




#19
Methyl tert-butyl Ether
Concen: 51.456 ug/l
RT: 5.23 min Scan# 573
Delta R.T. -0.01 min
Lab File: VY000869.D
Acq: 04 Dec 2019 18:27

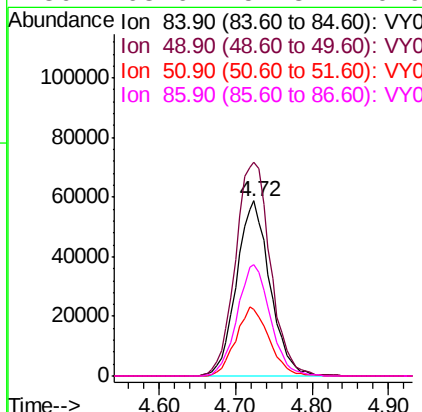
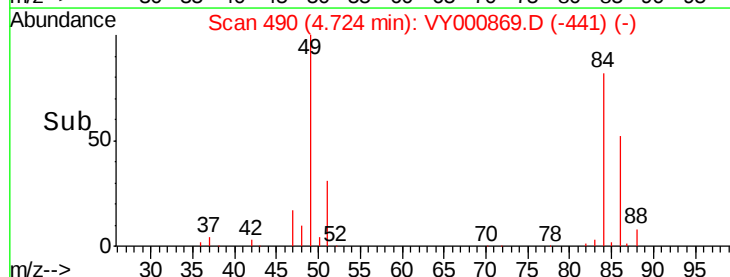
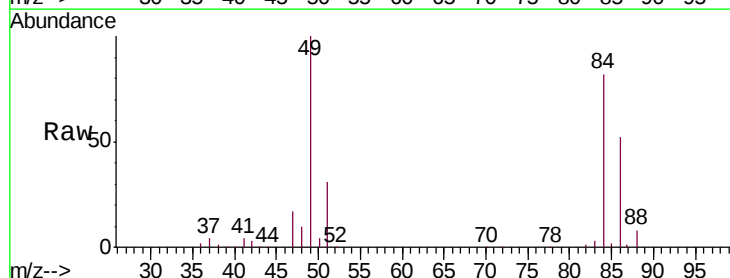
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

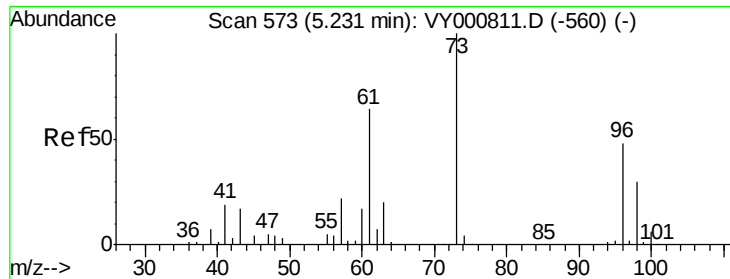
Tgt Ion: 73 Resp: 428895
Ion Ratio Lower Upper
73 100
57 22.7 18.2 27.4



#20
Methylene Chloride
Concen: 48.751 ug/l
RT: 4.72 min Scan# 490
Delta R.T. -0.00 min
Lab File: VY000869.D
Acq: 04 Dec 2019 18:27

Tgt Ion: 84 Resp: 178303
Ion Ratio Lower Upper
84 100
49 122.0 101.3 151.9
51 38.0 30.6 45.8
86 63.6 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 47.521 ug/l

RT: 5.22 min Scan# 572

Delta R.T. -0.01 min

Lab File: VY000869.D

Acq: 04 Dec 2019 18:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

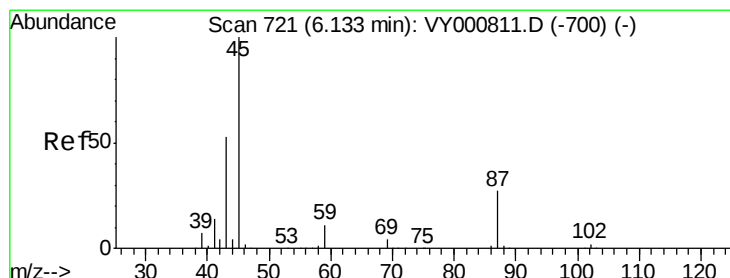
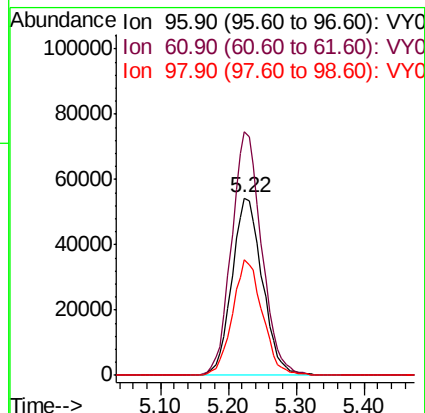
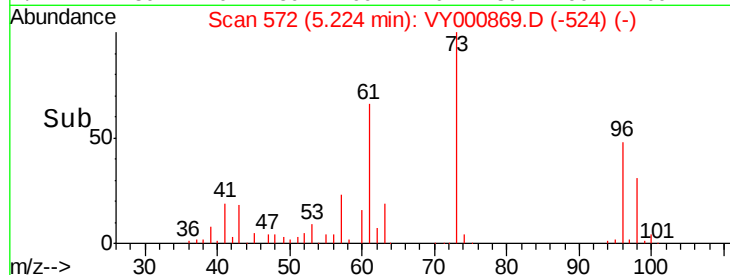
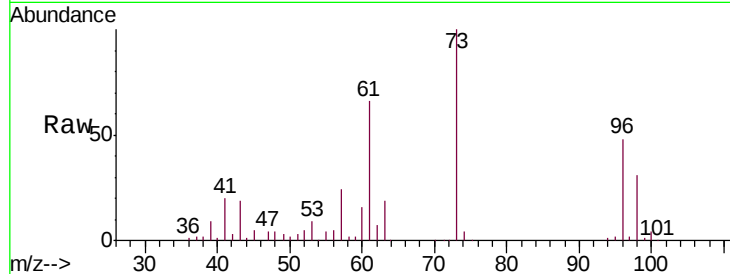
Tgt Ion: 96 Resp: 168578

Ion Ratio Lower Upper

96 100

61 137.5 105.9 158.9

98 64.9 49.4 74.2



#22

Diisopropyl ether

Concen: 51.766 ug/l

RT: 6.13 min Scan# 721

Delta R.T. -0.00 min

Lab File: VY000869.D

Acq: 04 Dec 2019 18:27

Tgt Ion: 45 Resp: 569382

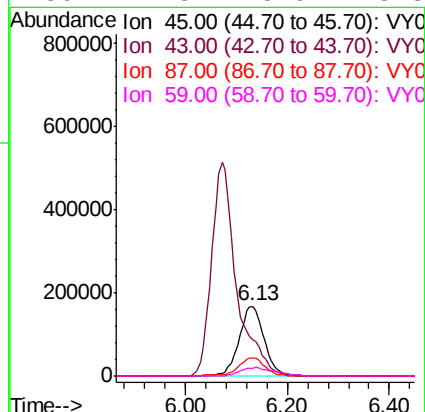
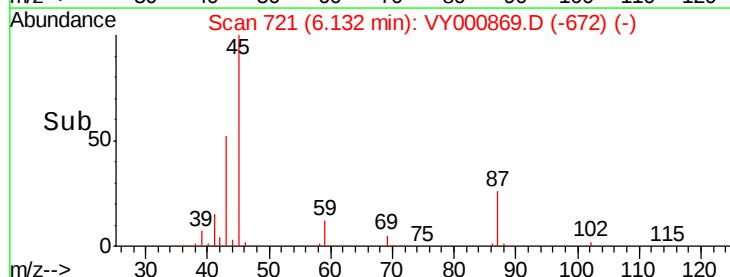
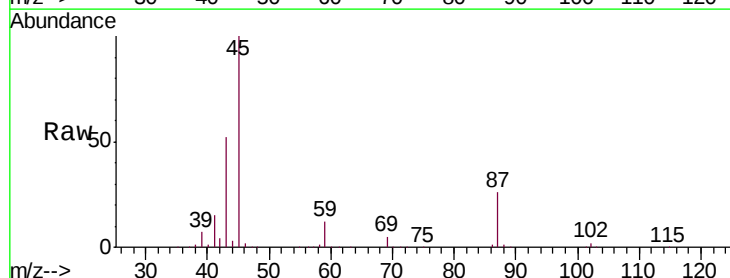
Ion Ratio Lower Upper

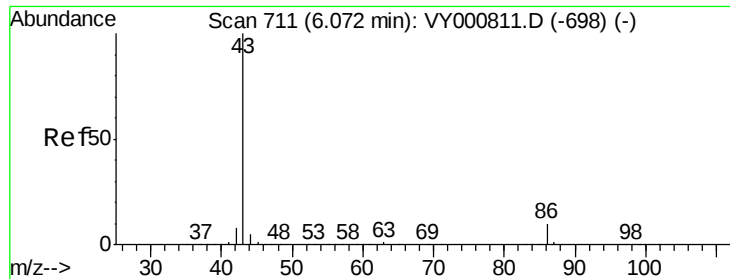
45 100

43 52.1 42.7 64.1

87 25.8 22.0 33.0

59 11.8 8.9 13.3





#23

Vinyl Acetate

Concen: 261.561 ug/l

RT: 6.07 min Scan# 711

Delta R.T. -0.00 min

Lab File: VY000869.D

Acq: 04 Dec 2019 18:27

Instrument :

MSVOA_Y

ClientSampleId :

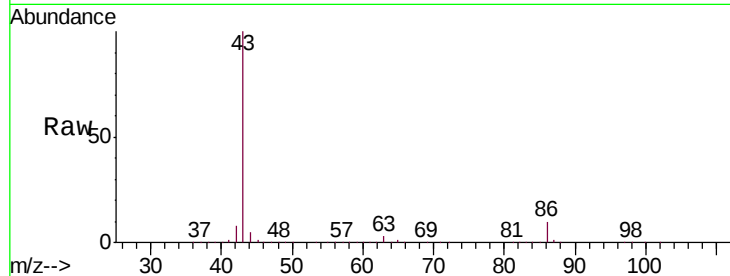
VSTDCCC050EC

Tgt Ion: 43 Resp: 1748986

Ion Ratio Lower Upper

43 100

86 10.5 8.3 12.5



Abundance Ion 43.00 (42.70 to 43.70): VY000811.D (-698) (-)

Ion 86.00 (85.70 to 86.70): VY000811.D (-698) (-)

600000

500000

400000

300000

200000

100000

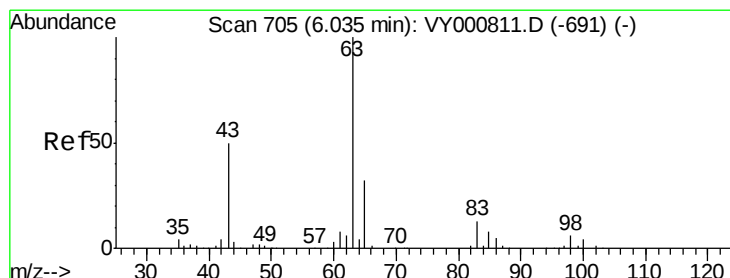
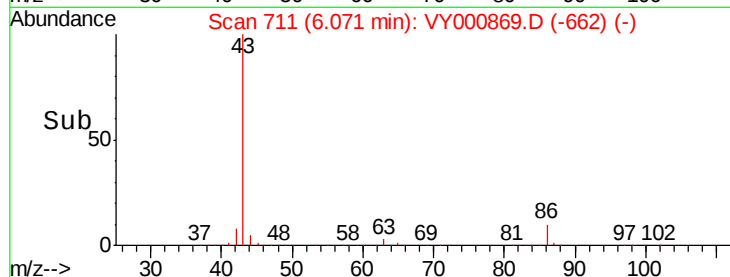
0

6.07

6.00

6.20

Time-->



#24

1,1-Dichloroethane

Concen: 49.498 ug/l

RT: 6.03 min Scan# 704

Delta R.T. -0.01 min

Lab File: VY000869.D

Acq: 04 Dec 2019 18:27

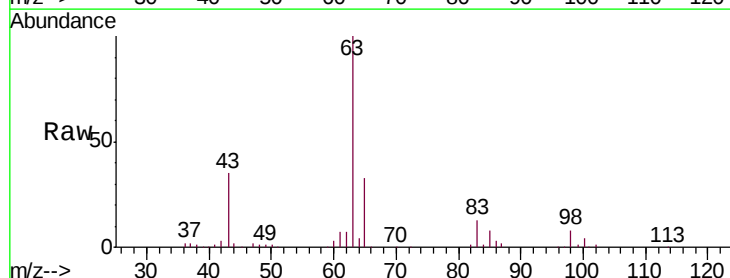
Tgt Ion: 63 Resp: 300067

Ion Ratio Lower Upper

63 100

98 7.6 3.3 9.8

100 3.8 2.2 6.6



Abundance Ion 62.90 (62.60 to 63.60): VY000811.D (-691) (-)

Ion 97.90 (97.60 to 98.60): VY000811.D (-691) (-)

Ion 99.90 (99.60 to 100.60): VY000811.D (-691) (-)

120000

100000

80000

60000

40000

20000

0

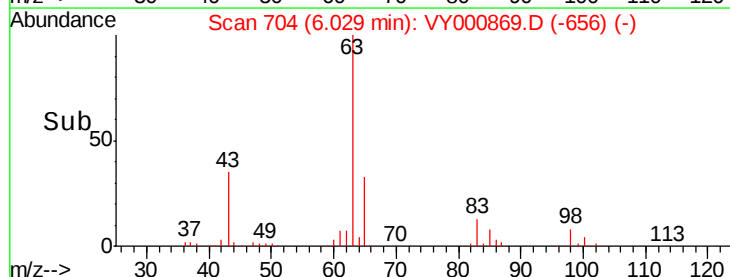
6.03

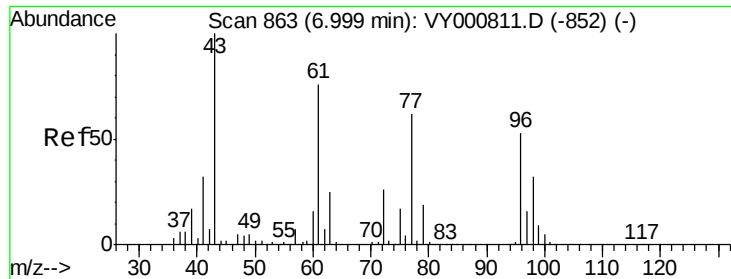
5.90

6.10

6.20

Time-->

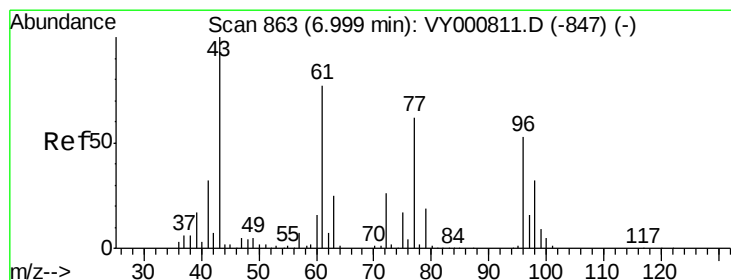
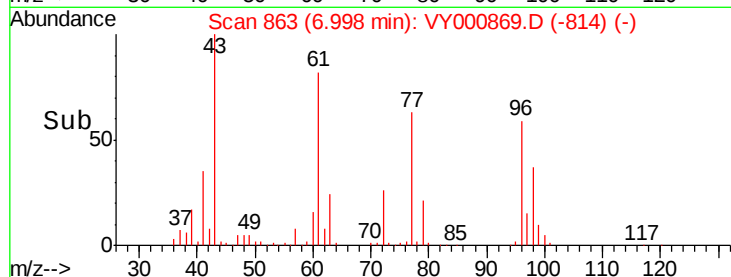
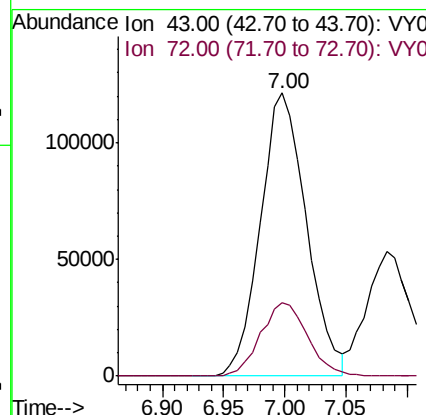
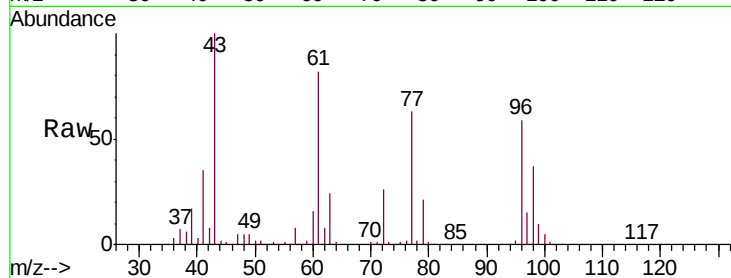




#25
 2-Butanone
 Concen: 248.440 ug/l
 RT: 7.00 min Scan# 863
 Delta R.T. -0.00 min
 Lab File: VY000869.D
 Acq: 04 Dec 2019 18:27

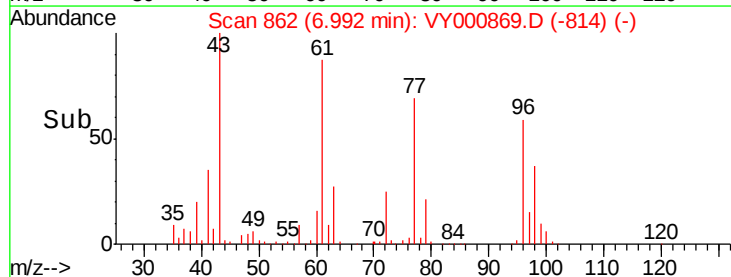
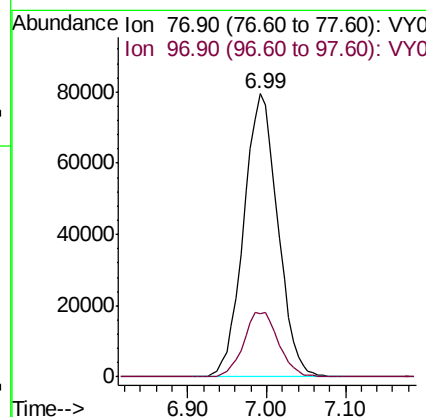
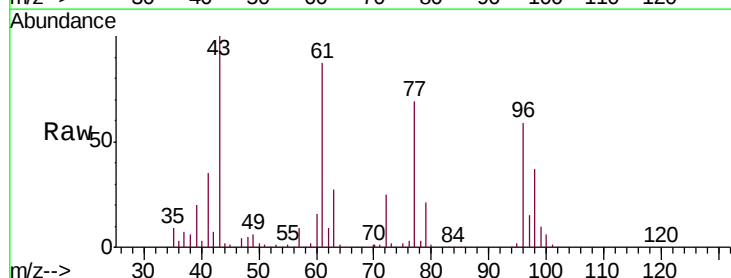
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

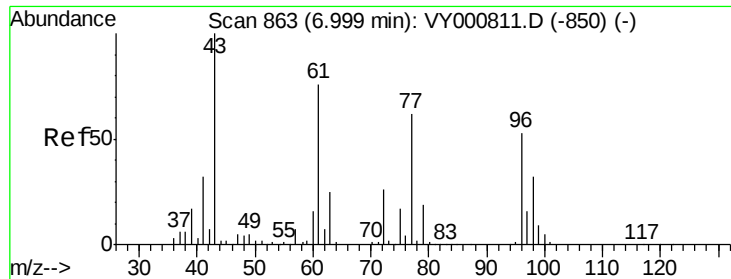
Tgt Ion: 43 Resp: 318434
 Ion Ratio Lower Upper
 43 100
 72 25.8 21.0 31.4



#26
 2,2-Dichloropropane
 Concen: 46.866 ug/l
 RT: 6.99 min Scan# 862
 Delta R.T. -0.01 min
 Lab File: VY000869.D
 Acq: 04 Dec 2019 18:27

Tgt Ion: 77 Resp: 239123
 Ion Ratio Lower Upper
 77 100
 97 23.3 11.9 35.9



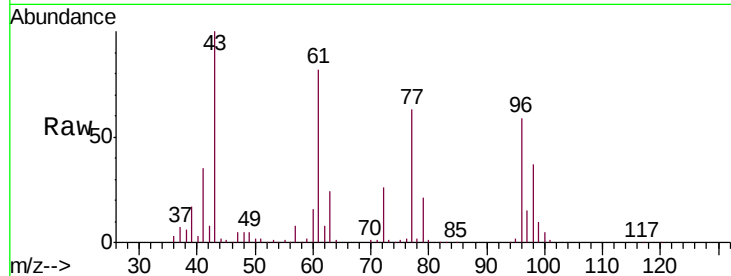


#27

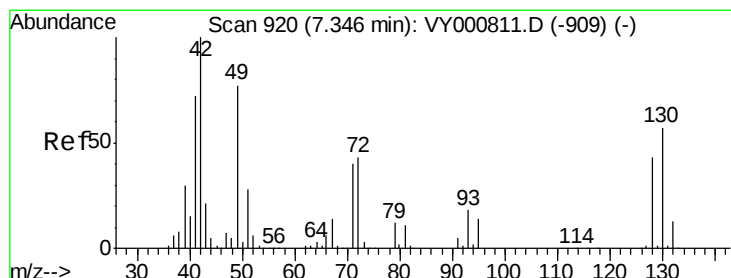
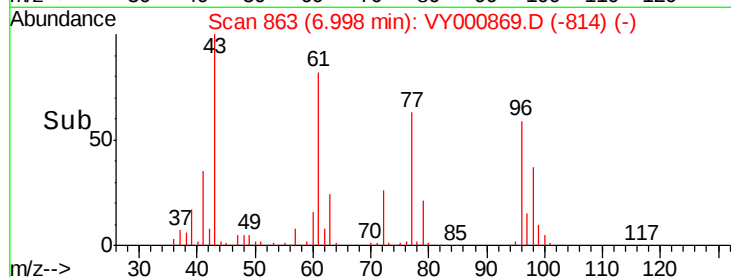
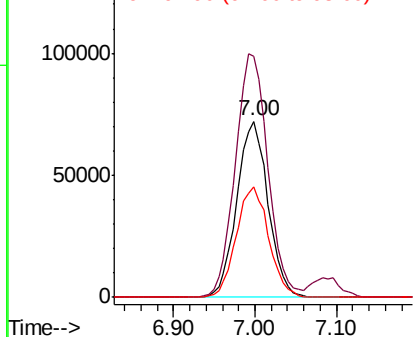
cis-1,2-Dichloroethene
Concen: 50.033 ug/l
RT: 7.00 min Scan# 863
Delta R.T. -0.00 min
Lab File: VY000869.D
Acq: 04 Dec 2019 18:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 191857
Ion Ratio Lower Upper
96 100
61 144.1 0.0 285.0
98 64.9 0.0 128.0



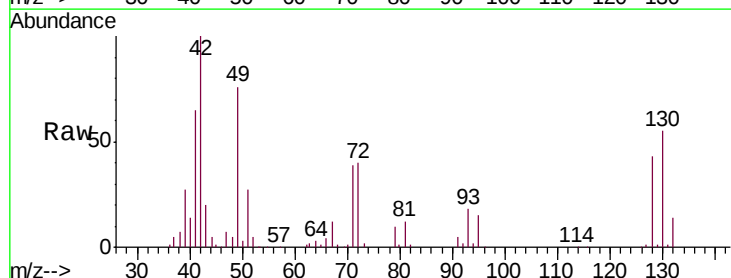
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



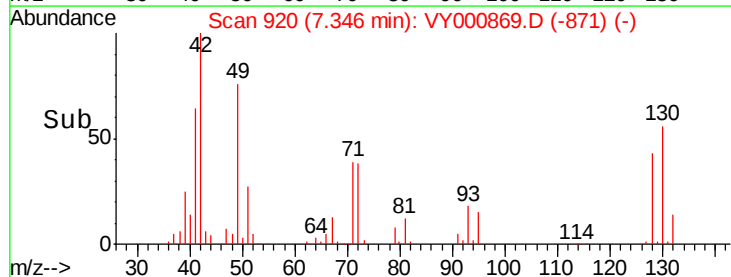
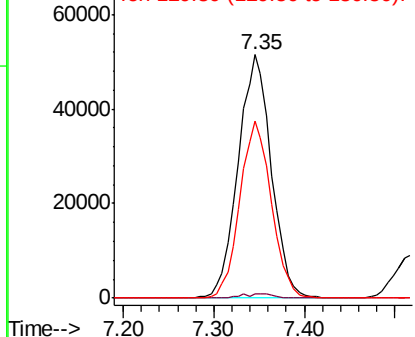
#28

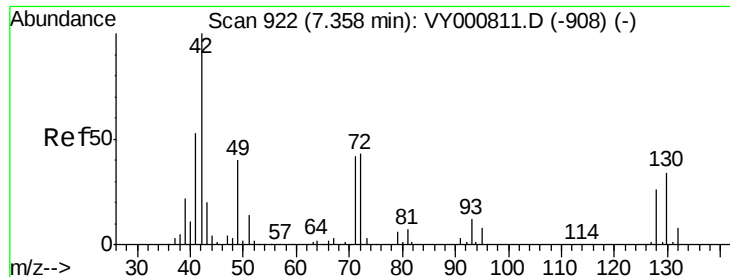
Bromochloromethane
Concen: 58.541 ug/l
RT: 7.35 min Scan# 920
Delta R.T. -0.00 min
Lab File: VY000869.D
Acq: 04 Dec 2019 18:27

Tgt Ion: 49 Resp: 130918
Ion Ratio Lower Upper
49 100
129 1.7 0.0 3.8
130 69.1 58.7 88.1



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





#29

Tetrahydrofuran

Concen: 261.349 ug/l

RT: 7.36 min Scan# 922

Delta R.T. -0.00 min

Lab File: VY000869.D

Acq: 04 Dec 2019 18:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

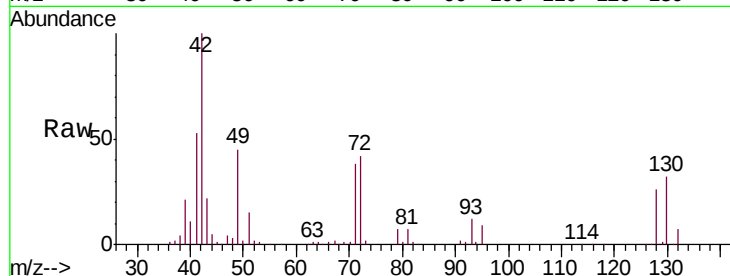
Tgt Ion: 42 Resp: 221976

Ion Ratio Lower Upper

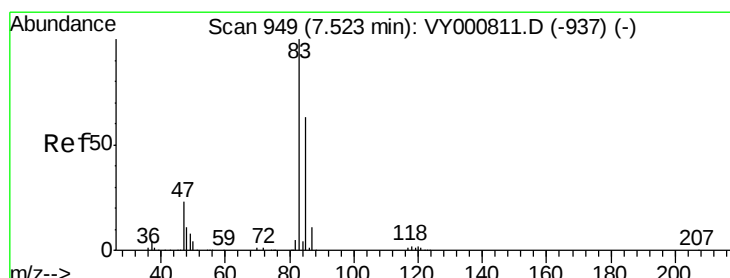
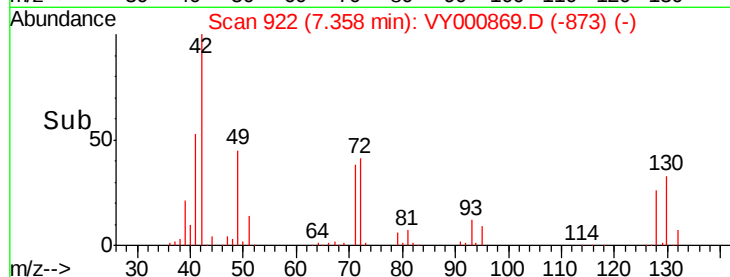
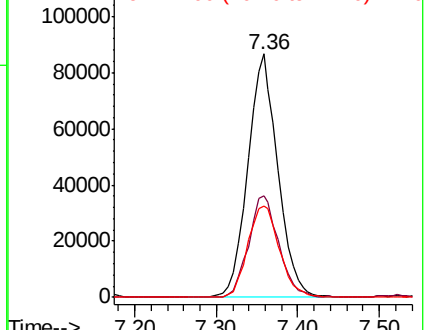
42 100

72 41.9 35.1 52.7

71 39.6 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: 47.413 ug/l

RT: 7.52 min Scan# 948

Delta R.T. -0.01 min

Lab File: VY000869.D

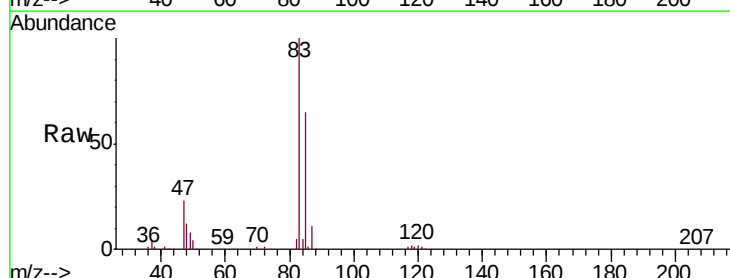
Acq: 04 Dec 2019 18:27

Tgt Ion: 83 Resp: 288339

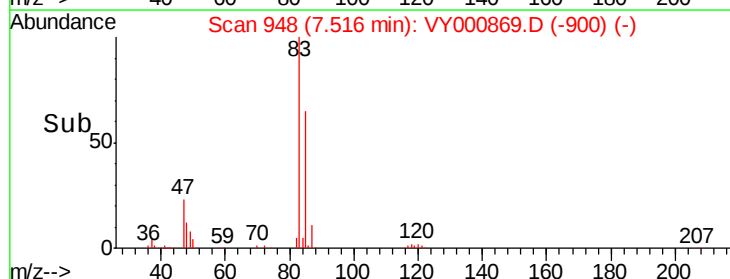
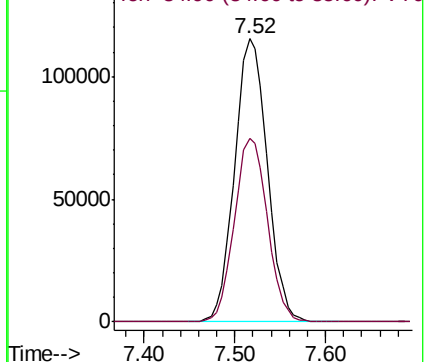
Ion Ratio Lower Upper

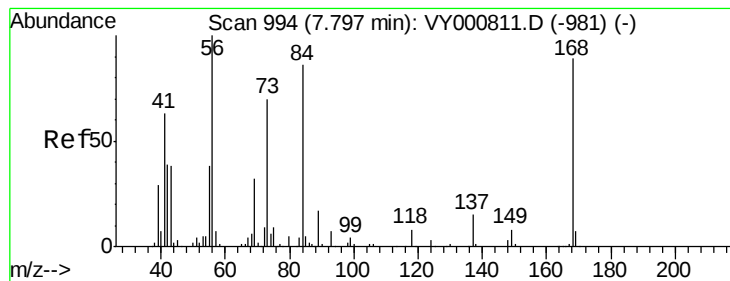
83 100

85 64.8 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: 45.640 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.00 min

Lab File: VY000869.D

Acq: 04 Dec 2019 18:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

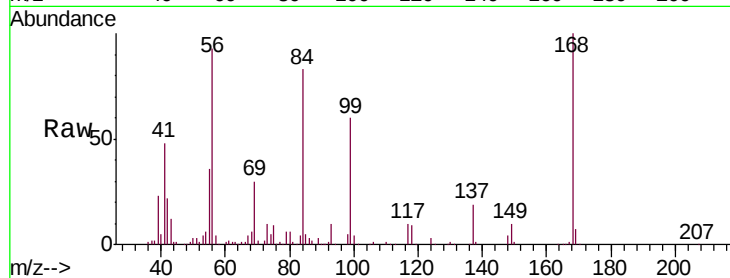
Tgt Ion: 56 Resp: 293103

Ion Ratio Lower Upper

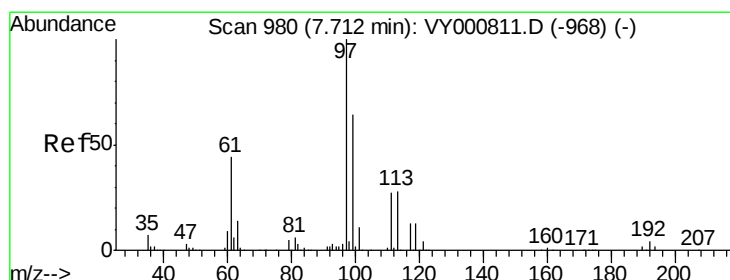
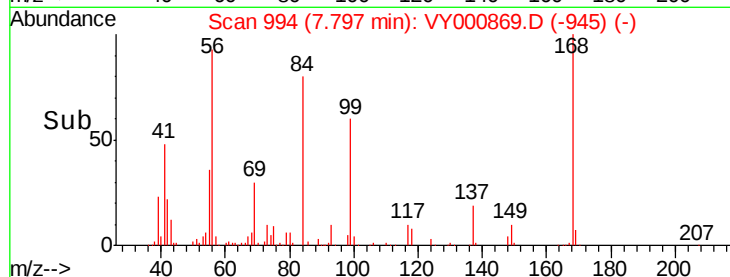
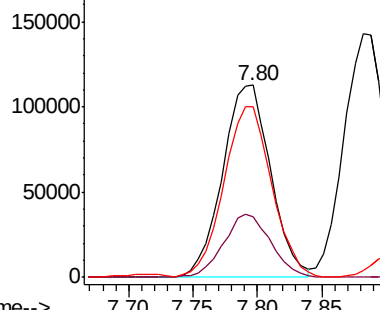
56 100

69 31.8 25.9 38.9

84 87.3 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: 47.890 ug/l

RT: 7.71 min Scan# 980

Delta R.T. -0.00 min

Lab File: VY000869.D

Acq: 04 Dec 2019 18:27

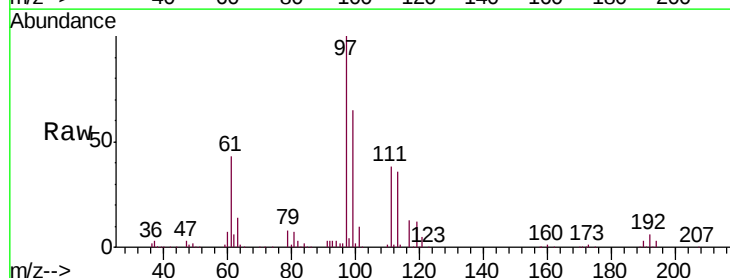
Tgt Ion: 97 Resp: 240492

Ion Ratio Lower Upper

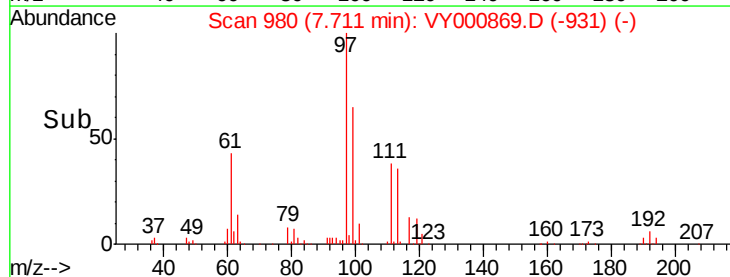
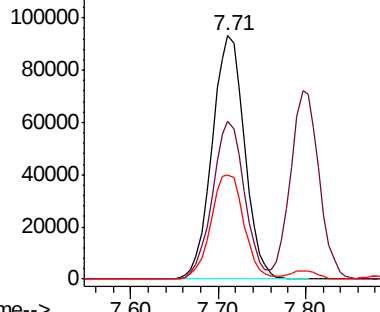
97 100

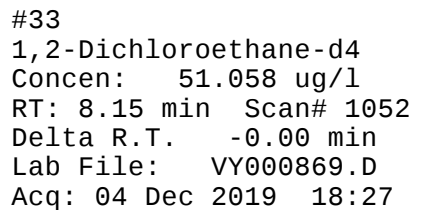
99 64.1 51.7 77.5

61 43.7 35.0 52.6



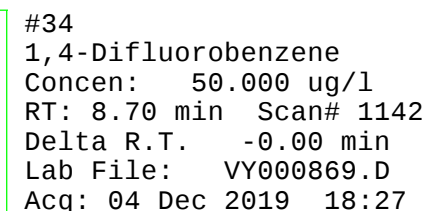
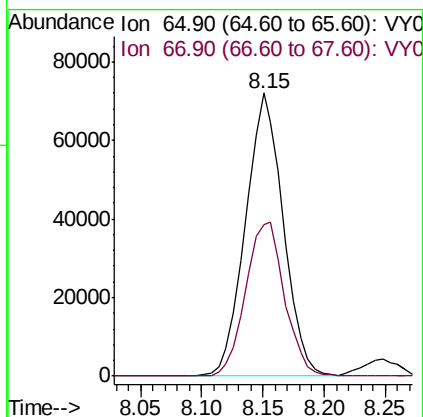
Abundance Ion 96.90 (96.60 to 97.60): VY0
Ion 98.90 (98.60 to 99.60): VY0
Ion 60.90 (60.60 to 61.60): VY0



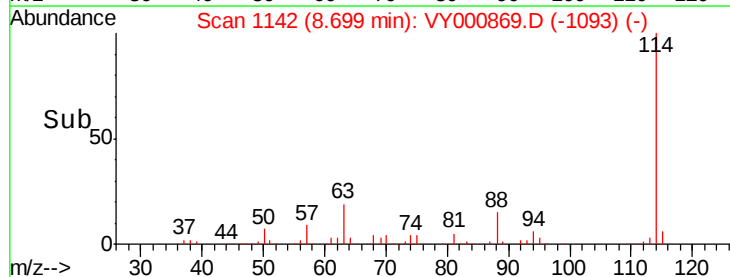
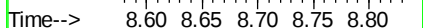
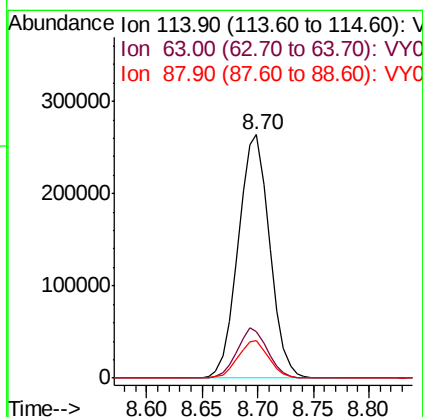


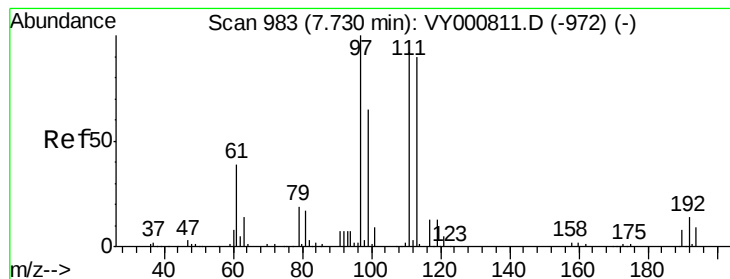
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt	Ion: 65	Resp:	154433
Ion	Ratio	Lower	Upper
65	100		
67	56.1	0.0	112.0



Tgt	Ion:114	Resp:	517079
Ion	Ratio	Lower	Upper
114	100		
63	19.2	0.0	39.8
88	15.4	0.0	33.2





#35

Dibromofluoromethane

Concen: 49.301 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.00 min

Lab File: VY000869.D

Acq: 04 Dec 2019 18:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

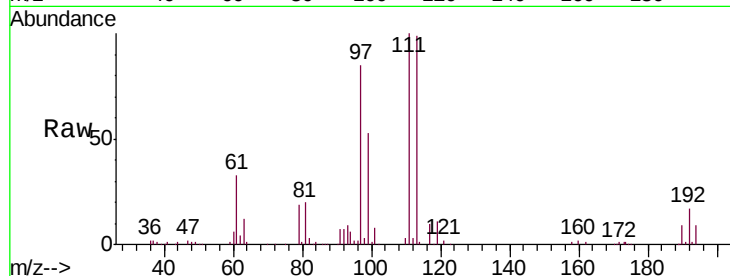
Tgt Ion:113 Resp: 148571

Ion Ratio Lower Upper

113 100

111 101.4 82.4 123.6

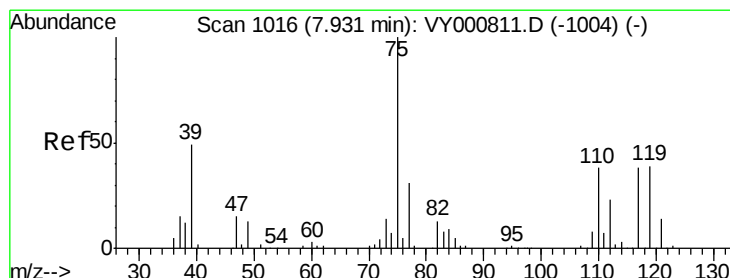
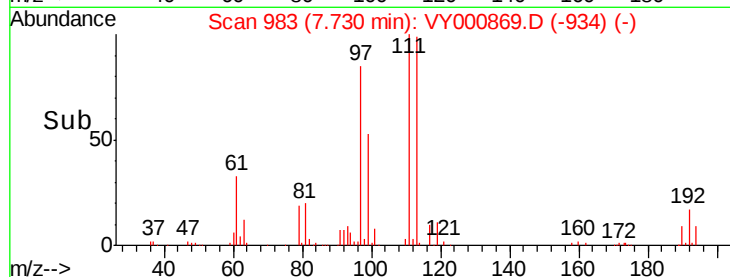
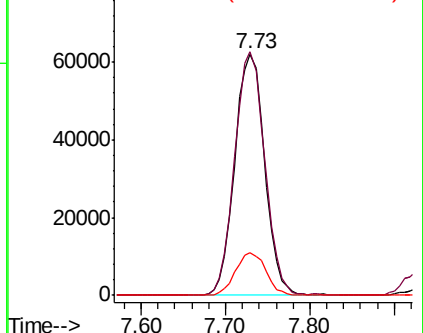
192 17.8 14.2 21.2



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: 44.856 ug/l

RT: 7.92 min Scan# 1015

Delta R.T. -0.01 min

Lab File: VY000869.D

Acq: 04 Dec 2019 18:27

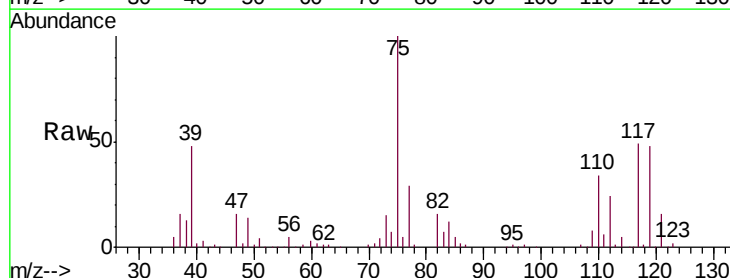
Tgt Ion: 75 Resp: 230618

Ion Ratio Lower Upper

75 100

110 35.6 17.9 53.7

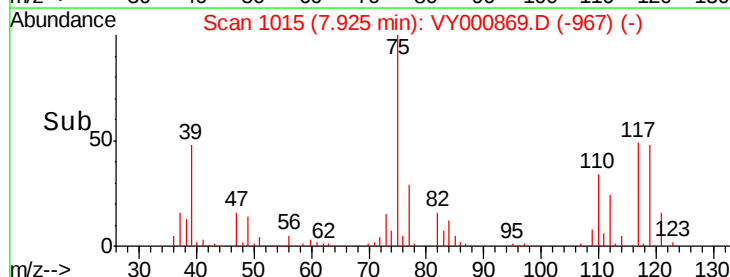
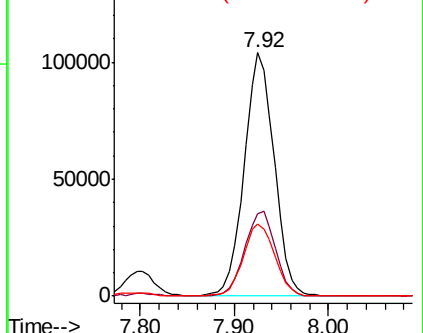
77 31.2 24.7 37.1

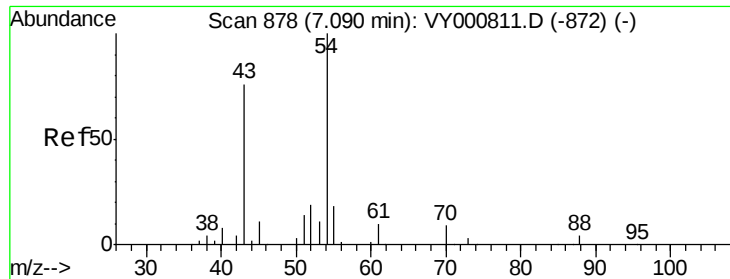


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0





#37

Ethyl Acetate

Concen: 47.395 ug/l

RT: 7.08 min Scan# 877

Delta R.T. -0.01 min

Lab File: VY000869.D

Acq: 04 Dec 2019 18:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

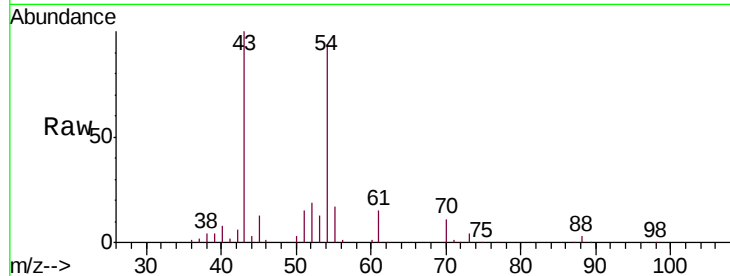
Tgt Ion: 43 Resp: 140700

Ion Ratio Lower Upper

43 100

61 13.9 11.8 17.8

70 10.4 8.7 13.1



Abundance Ion 43.00 (42.70 to 43.70): VY000811.D (-872) (-)

Ion 60.90 (60.60 to 61.60): VY000811.D (-872) (-)

Ion 70.00 (69.70 to 70.70): VY000811.D (-872) (-)

150000

100000

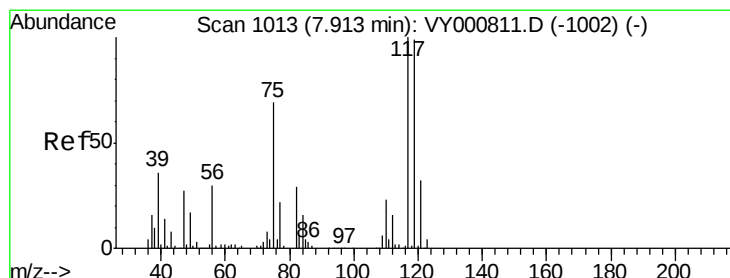
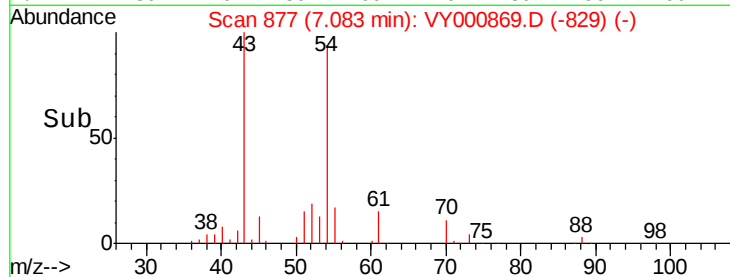
50000

0

7.00 7.10 7.20

7.08

Time-->



#38

Carbon Tetrachloride

Concen: 45.658 ug/l

RT: 7.91 min Scan# 1013

Delta R.T. -0.00 min

Lab File: VY000869.D

Acq: 04 Dec 2019 18:27

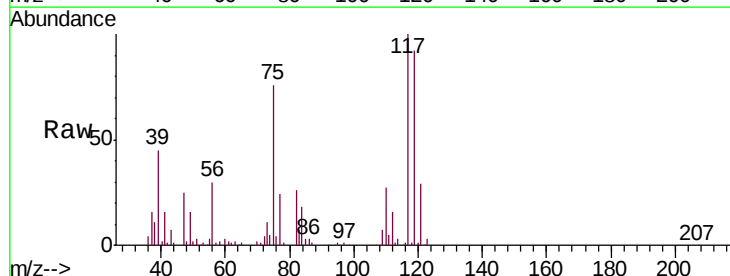
Tgt Ion: 117 Resp: 209055

Ion Ratio Lower Upper

117 100

119 92.0 79.3 118.9

121 29.2 25.5 38.3



Abundance Ion 116.80 (116.50 to 117.50): VY000811.D (-1002) (-)

Ion 118.80 (118.50 to 119.50): VY000811.D (-1002) (-)

Ion 120.80 (120.50 to 121.50): VY000811.D (-1002) (-)

100000

80000

60000

40000

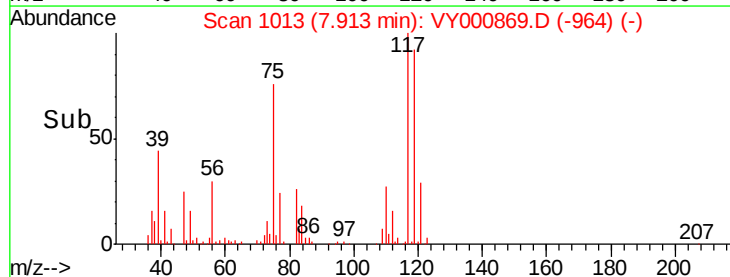
20000

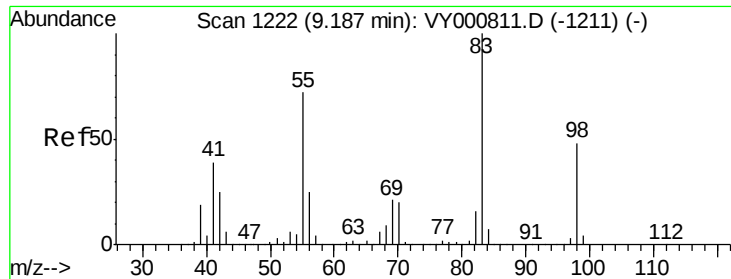
0

7.80 7.90 8.00

7.91

Time-->

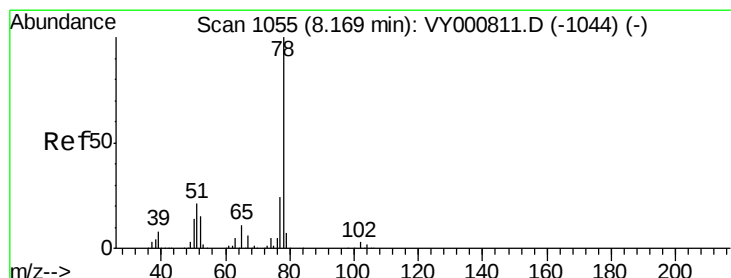
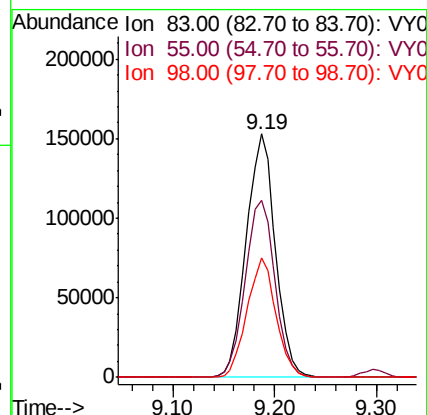
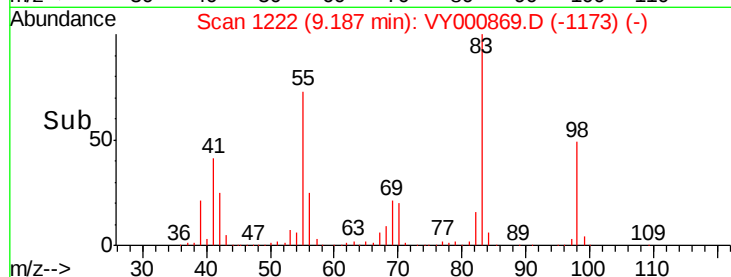
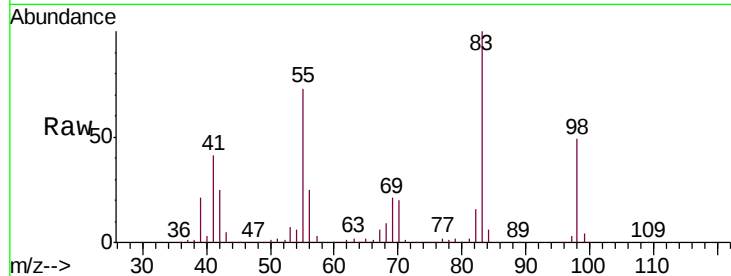




#39
Methylcyclohexane
Concen: 44.526 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY000869.D
Acq: 04 Dec 2019 18:27

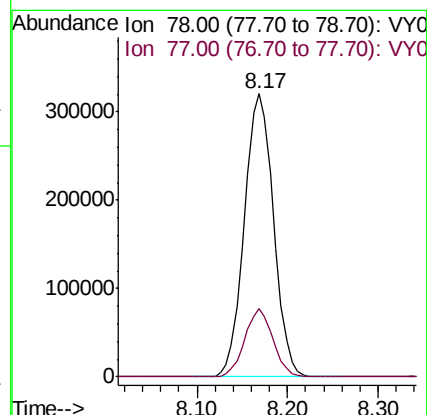
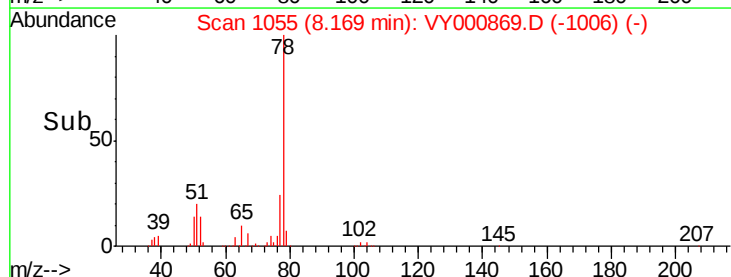
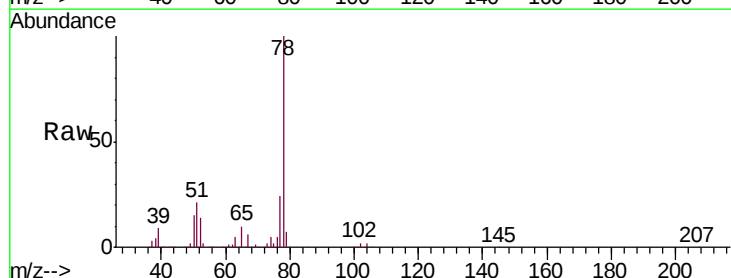
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

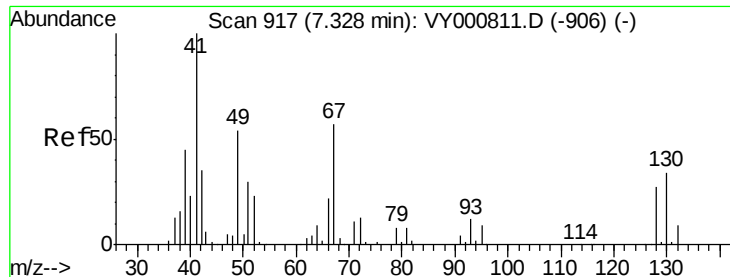
Tgt Ion: 83 Resp: 303297
Ion Ratio Lower Upper
83 100
55 72.8 57.8 86.6
98 49.1 38.6 58.0



#40
Benzene
Concen: 47.663 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.00 min
Lab File: VY000869.D
Acq: 04 Dec 2019 18:27

Tgt Ion: 78 Resp: 713794
Ion Ratio Lower Upper
78 100
77 24.0 19.2 28.8





#41

Methacrylonitrile

Concen: 124.124 ug/l

RT: 7.35 min Scan# 921

Delta R.T. 0.02 min

Lab File: VY000869.D

Acq: 04 Dec 2019 18:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

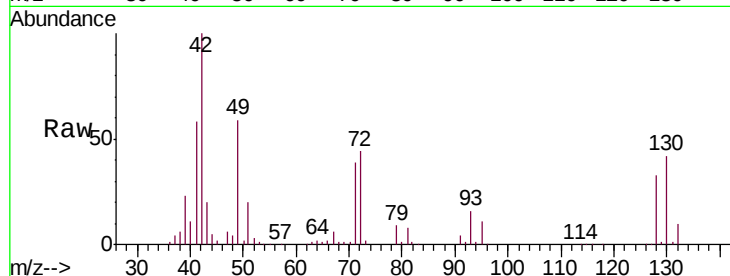
Tgt Ion: 41 Resp: 194210
Ion Ratio Lower Upper

41 100

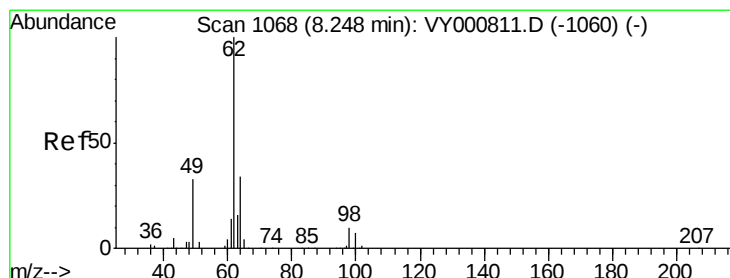
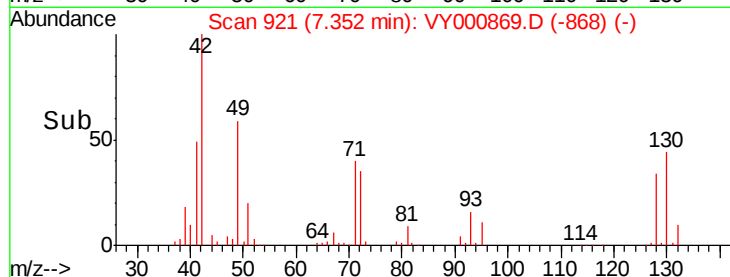
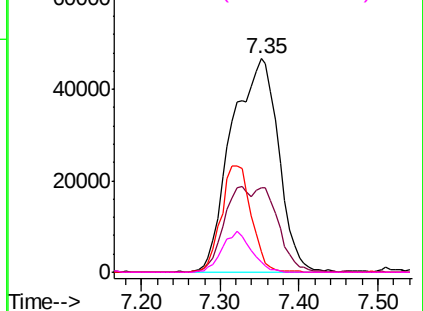
39 0.0 95.7 143.5#

67 0.0 0.0 0.0

52 0.0 0.0 0.0



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



#42

1,2-Dichloroethane

Concen: 49.877 ug/l

RT: 8.25 min Scan# 1068

Delta R.T. -0.00 min

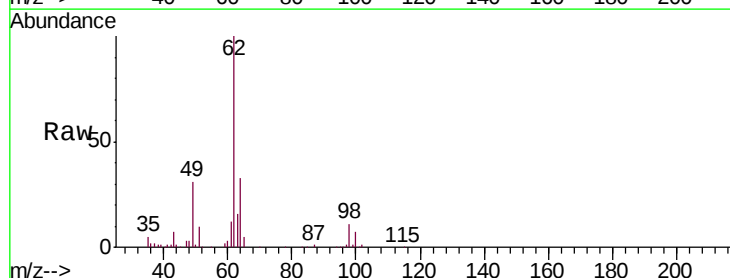
Lab File: VY000869.D

Acq: 04 Dec 2019 18:27

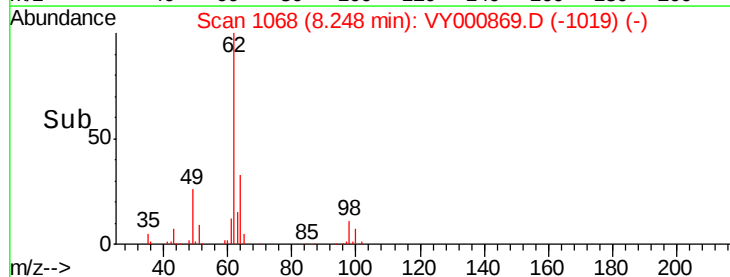
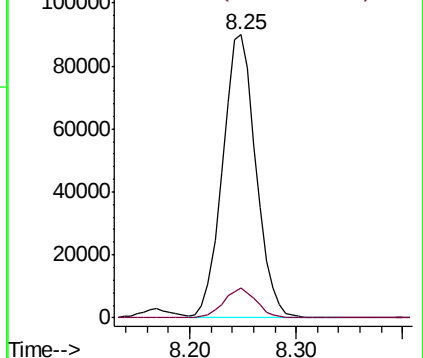
Tgt Ion: 62 Resp: 196437
Ion Ratio Lower Upper

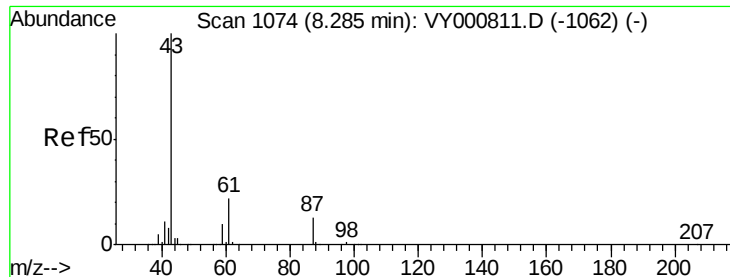
62 100

98 10.1 0.0 21.4



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

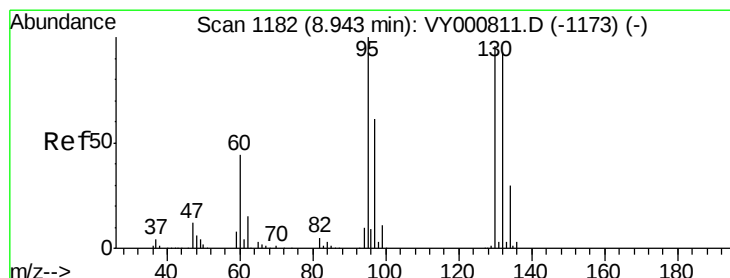
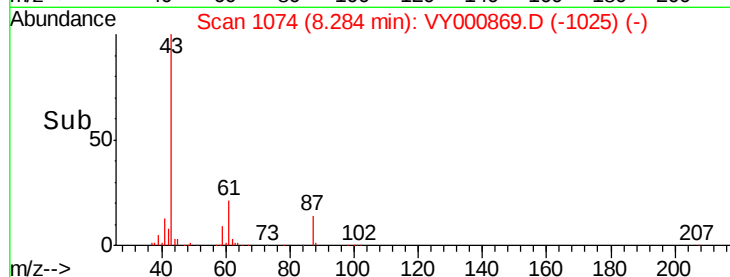
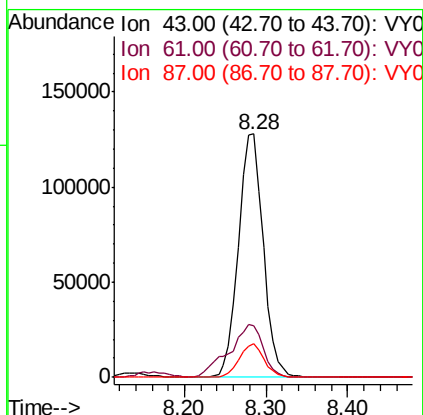
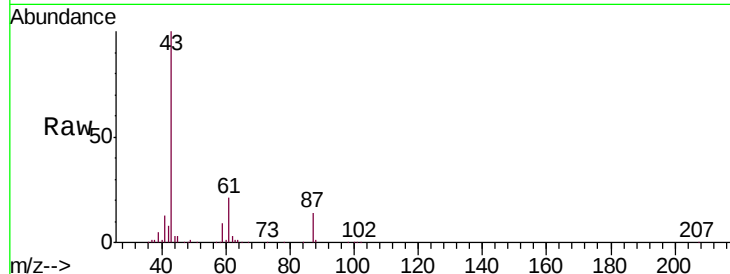




#43
Isopropyl Acetate
Concen: 47.891 ug/l
RT: 8.28 min Scan# 1074
Delta R.T. -0.00 min
Lab File: VY000869.D
Acq: 04 Dec 2019 18:27

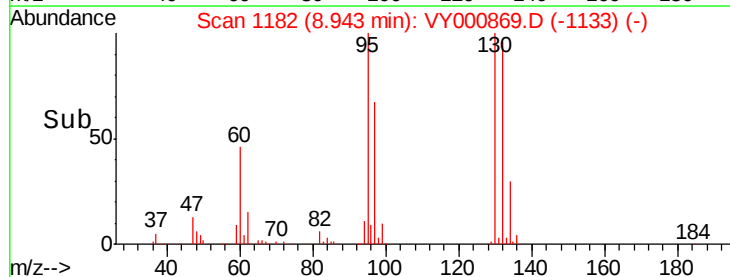
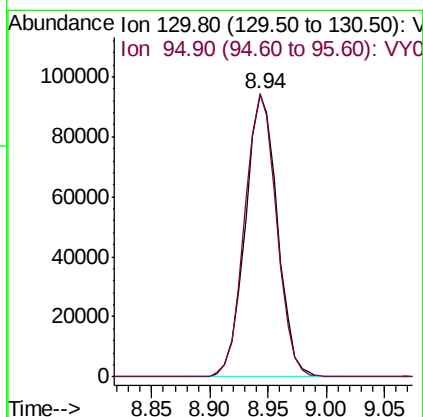
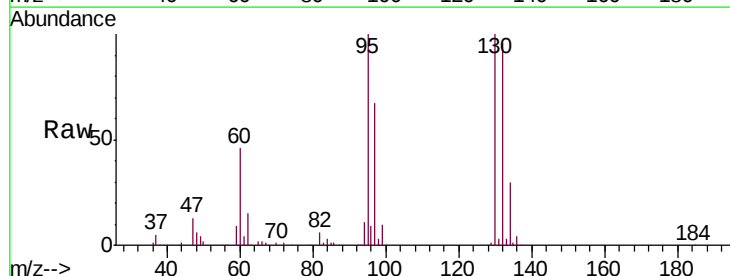
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

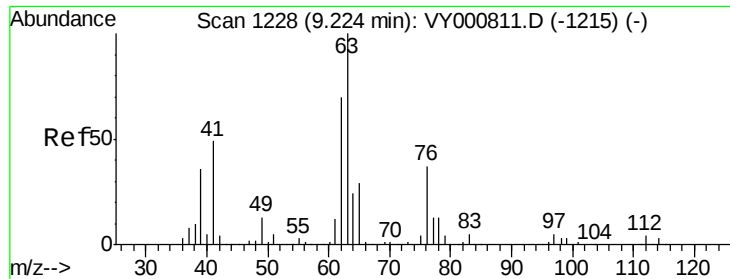
Tgt Ion: 43 Resp: 267919
Ion Ratio Lower Upper
43 100
61 29.9 23.7 35.5
87 13.7 10.6 15.8



#44
Trichloroethene
Concen: 46.968 ug/l
RT: 8.94 min Scan# 1182
Delta R.T. -0.00 min
Lab File: VY000869.D
Acq: 04 Dec 2019 18:27

Tgt Ion: 130 Resp: 180767
Ion Ratio Lower Upper
130 100
95 100.2 0.0 207.8

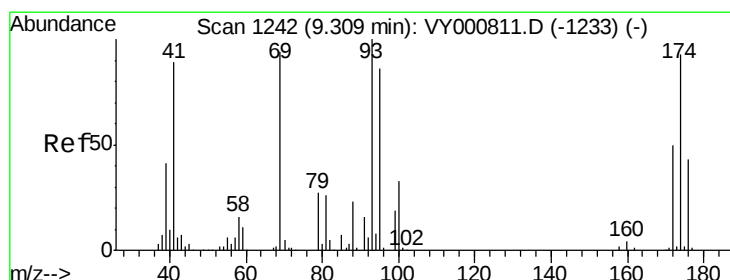
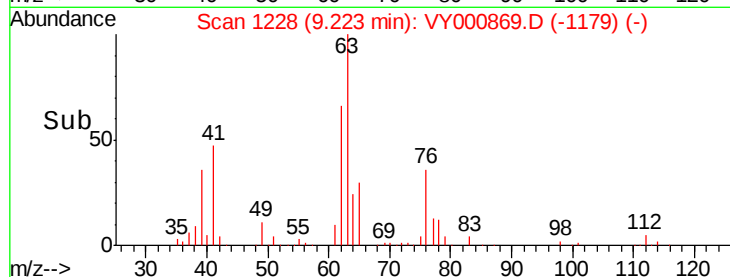
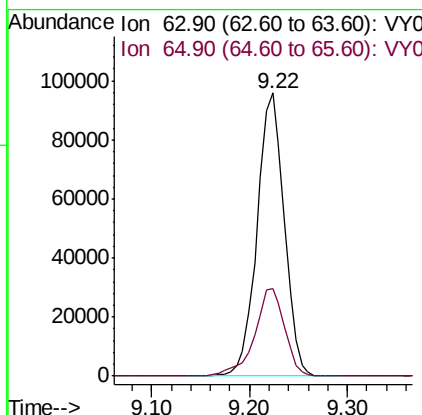
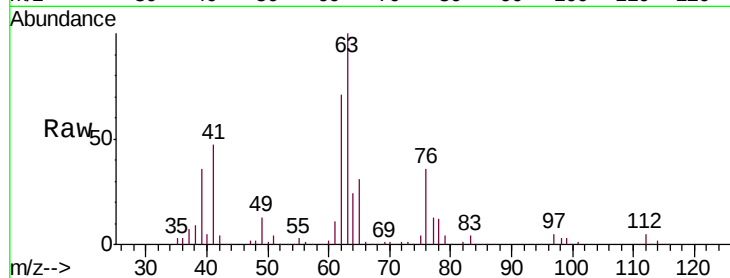




#45
 1,2-Dichloropropane
 Concen: 49.087 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. -0.00 min
 Lab File: VY000869.D
 Acq: 04 Dec 2019 18:27

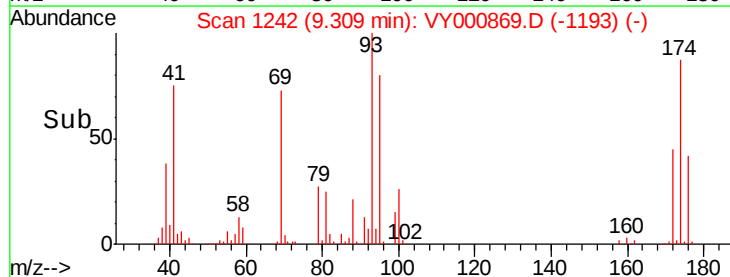
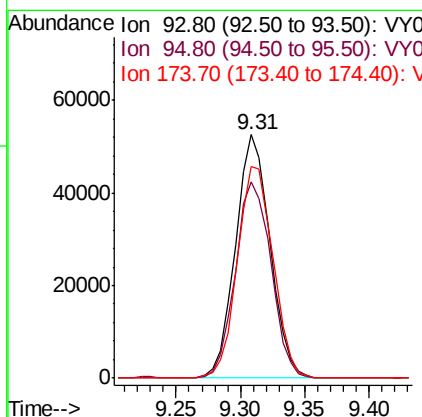
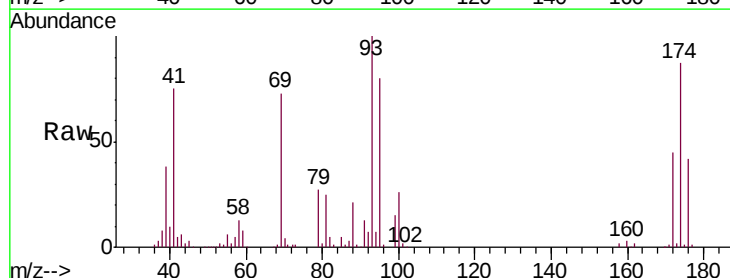
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

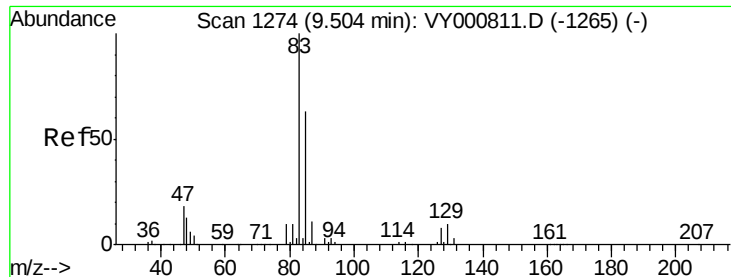
Tgt Ion: 63 Resp: 184647
 Ion Ratio Lower Upper
 63 100
 65 30.8 23.2 34.8



#46
 Dibromomethane
 Concen: 49.741 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.00 min
 Lab File: VY000869.D
 Acq: 04 Dec 2019 18:27

Tgt Ion: 93 Resp: 97763
 Ion Ratio Lower Upper
 93 100
 95 83.3 66.4 99.6
 174 89.6 73.0 109.6

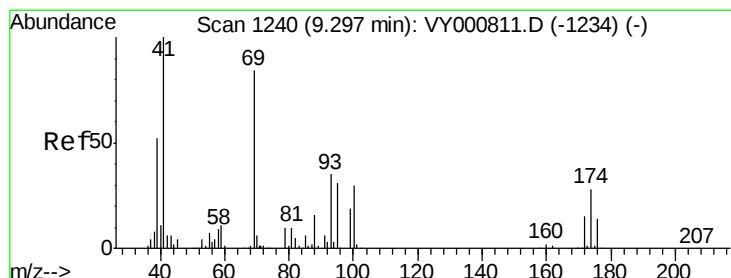
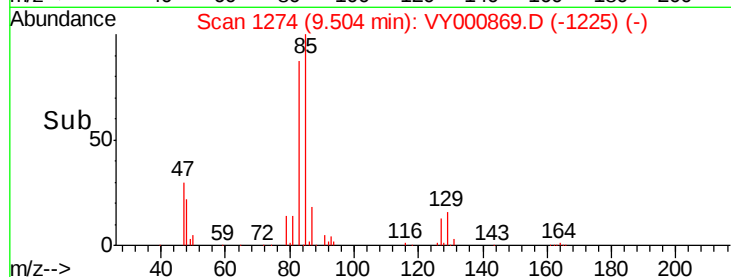
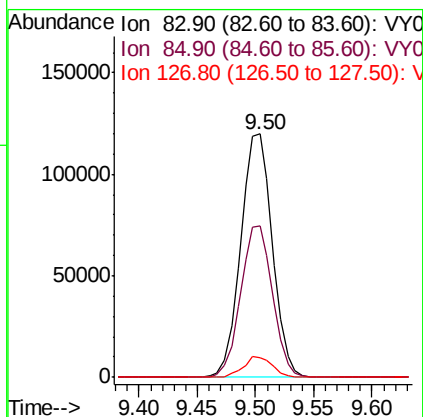
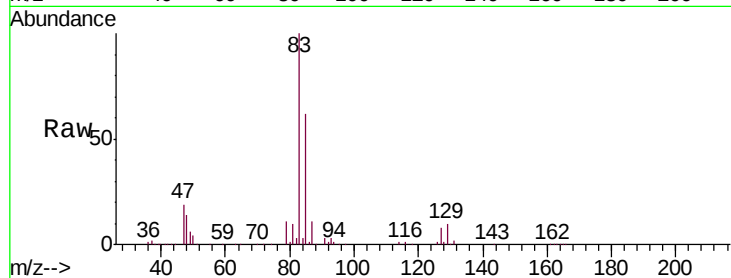




#47
 Bromodichloromethane
 Concen: 49.187 ug/l
 RT: 9.50 min Scan# 1274
 Delta R.T. -0.00 min
 Lab File: VY000869.D
 Acq: 04 Dec 2019 18:27

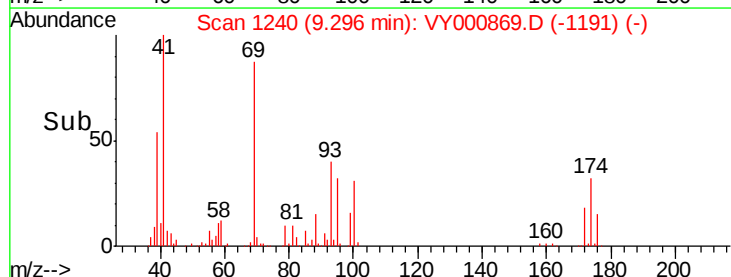
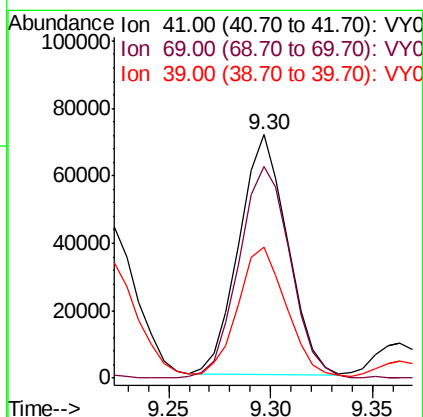
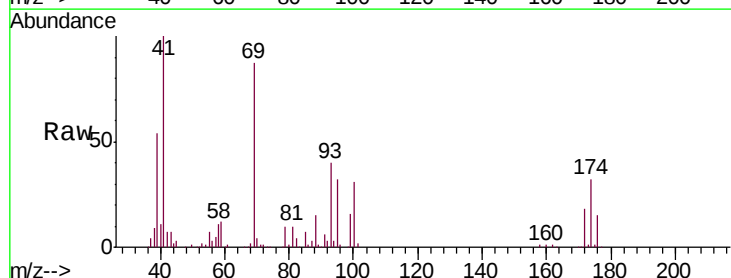
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

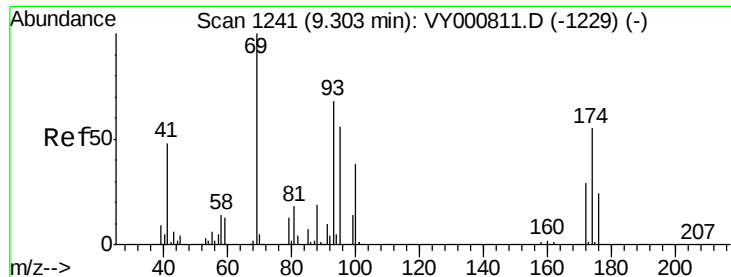
Tgt Ion: 83 Resp: 227101
 Ion Ratio Lower Upper
 83 100
 85 62.2 50.8 76.2
 127 8.1 6.6 10.0



#48
 Methyl methacrylate
 Concen: 47.862 ug/l
 RT: 9.30 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VY000869.D
 Acq: 04 Dec 2019 18:27

Tgt Ion: 41 Resp: 117742
 Ion Ratio Lower Upper
 41 100
 69 93.0 70.4 105.6
 39 55.4 40.9 61.3

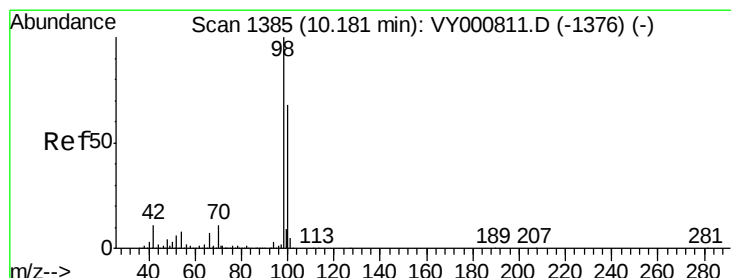
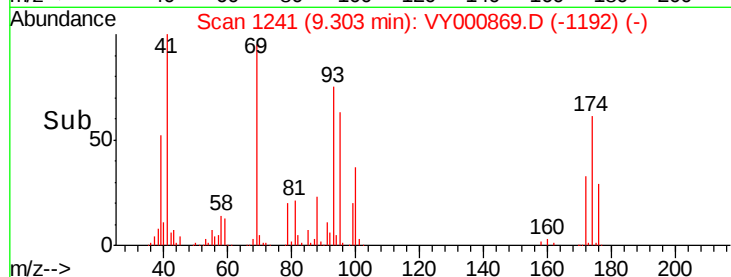
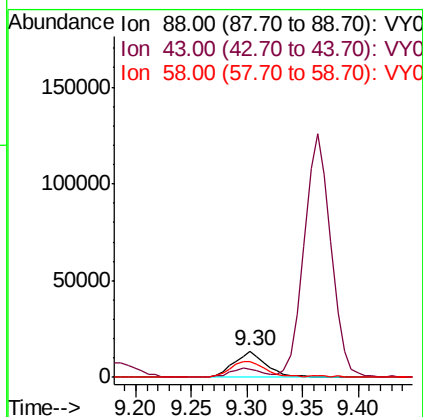
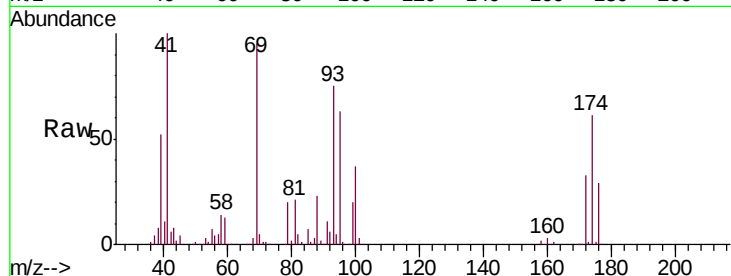




#49
1,4-Dioxane
Concen: 1000.442 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VY000869.D
Acq: 04 Dec 2019 18:27

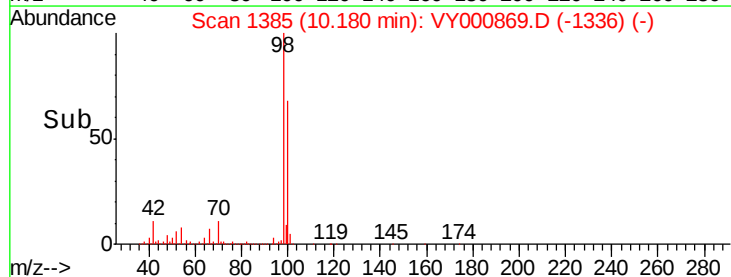
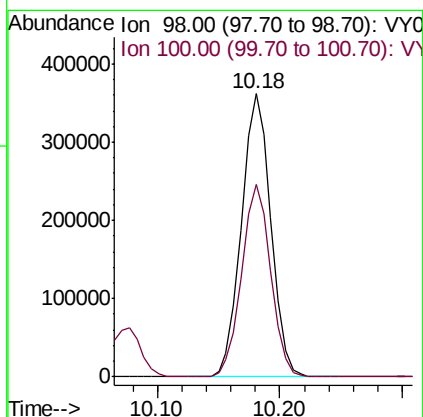
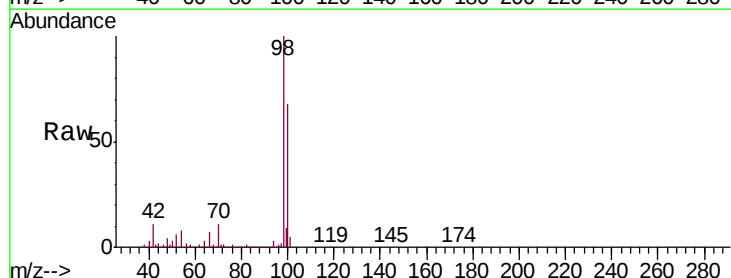
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

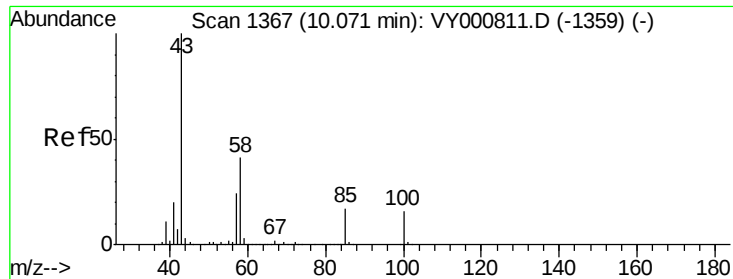
Tgt Ion: 88 Resp: 27861
Ion Ratio Lower Upper
88 100
43 32.2 21.1 31.7#
58 65.5 50.7 76.1



#50
Toluene-d8
Concen: 49.862 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY000869.D
Acq: 04 Dec 2019 18:27

Tgt Ion: 98 Resp: 600734
Ion Ratio Lower Upper
98 100
100 67.3 53.1 79.7

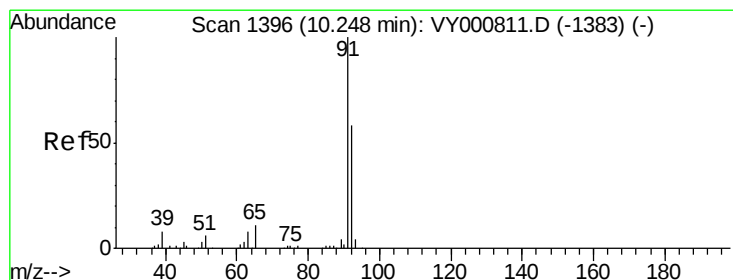
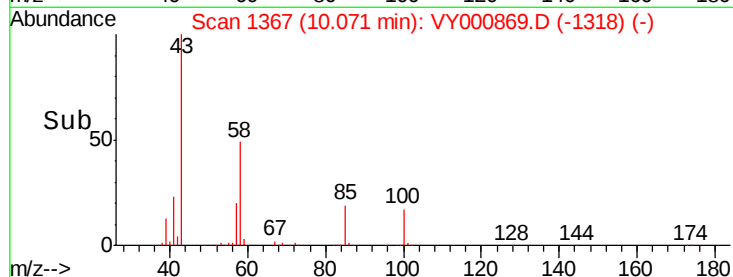
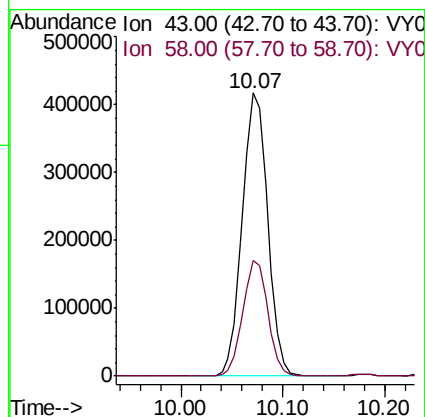
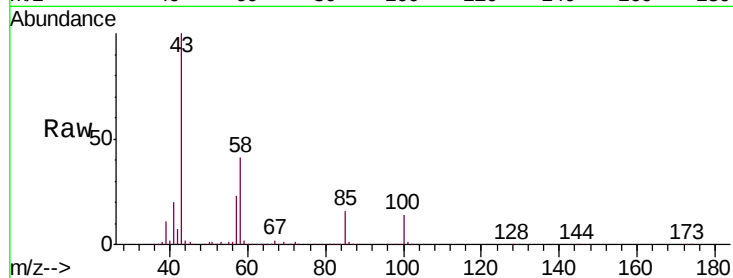




#51
4-Methyl-2-Pentanone
Concen: 249.572 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VY000869.D
Acq: 04 Dec 2019 18:27

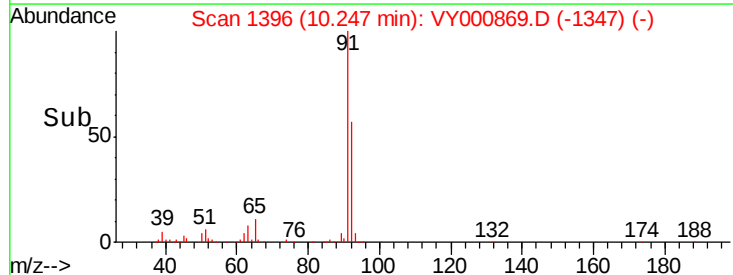
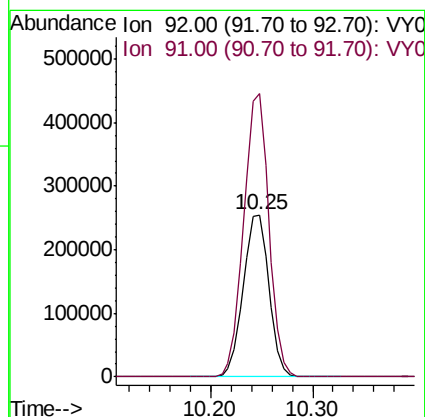
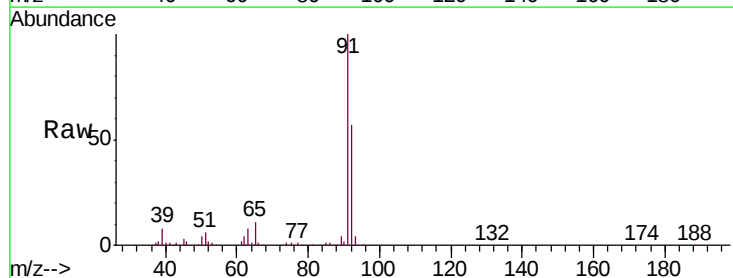
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

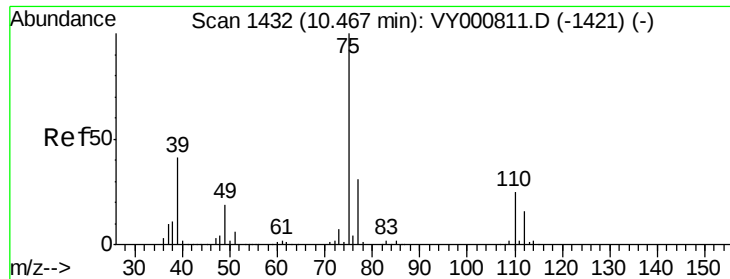
Tgt Ion: 43 Resp: 721384
Ion Ratio Lower Upper
43 100
58 40.3 33.1 49.7



#52
Toluene
Concen: 48.046 ug/l
RT: 10.25 min Scan# 1396
Delta R.T. -0.00 min
Lab File: VY000869.D
Acq: 04 Dec 2019 18:27

Tgt Ion: 92 Resp: 445497
Ion Ratio Lower Upper
92 100
91 171.1 136.6 204.8





#53

t-1,3-Dichloropropene

Concen: 50.574 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VY000869.D

Acq: 04 Dec 2019 18:27

Instrument :

MSVOA_Y

ClientSampleId :

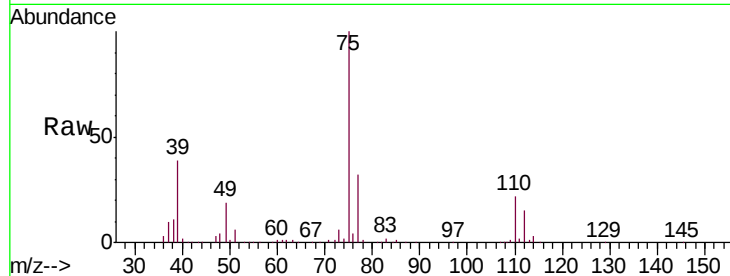
VSTDCCC050EC

Tgt Ion: 75 Resp: 250871

Ion Ratio Lower Upper

75 100

77 31.8 25.1 37.7



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

10.47

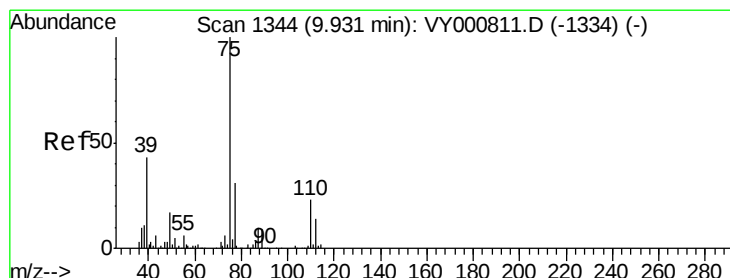
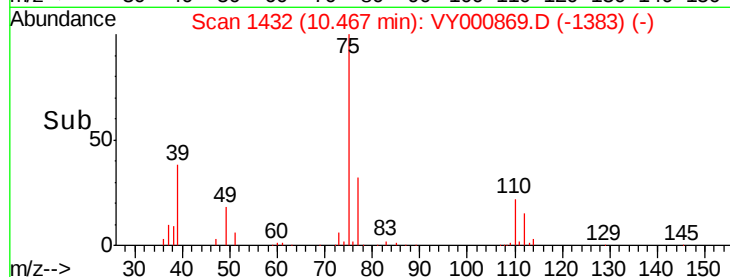
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 49.501 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. -0.00 min

Lab File: VY000869.D

Acq: 04 Dec 2019 18:27

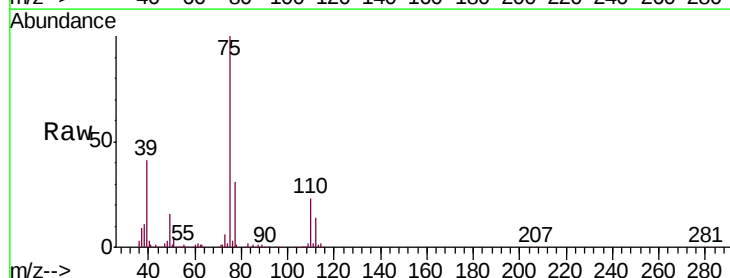
Tgt Ion: 75 Resp: 290238

Ion Ratio Lower Upper

75 100

77 31.3 24.7 37.1

39 40.7 34.5 51.7



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0

9.93

200000

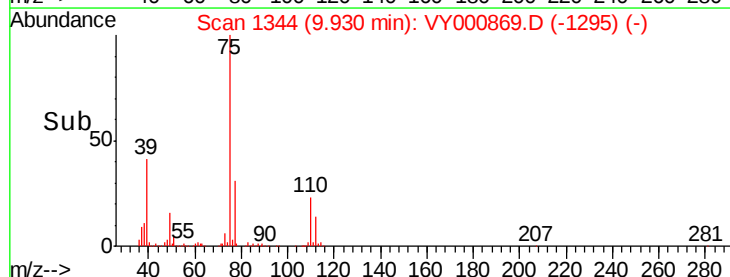
150000

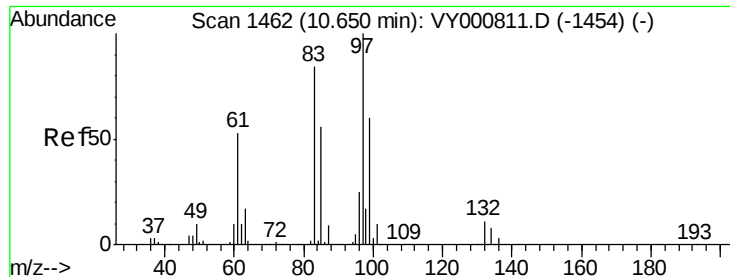
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50000

0

Time-->

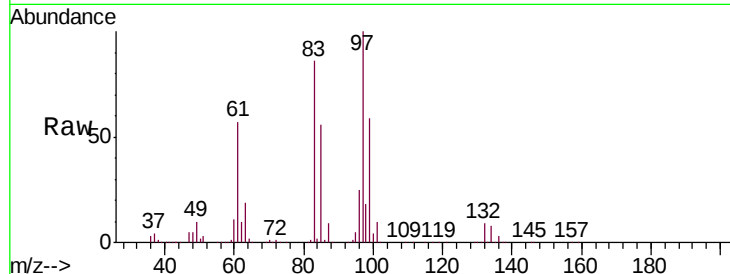




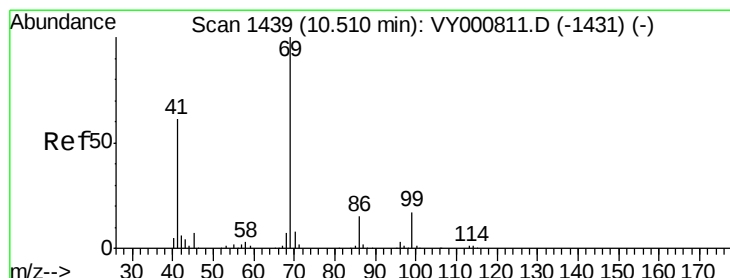
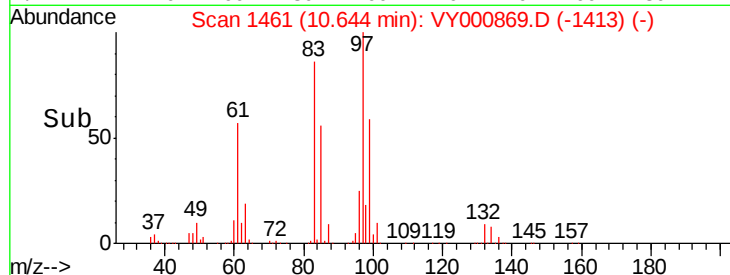
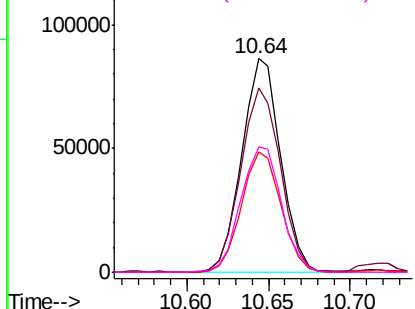
#55
 1,1,2-Trichloroethane
 Concen: 48.814 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.01 min
 Lab File: VY000869.D
 Acq: 04 Dec 2019 18:27

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 97 Resp: 141746
 Ion Ratio Lower Upper
 97 100
 83 86.5 67.5 101.3
 85 56.6 44.5 66.7
 99 59.0 47.7 71.5

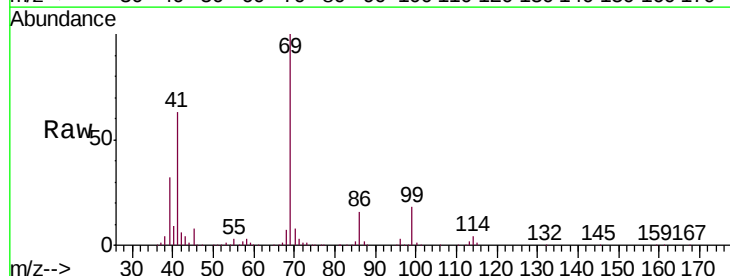


Abundance Ion 96.90 (96.60 to 97.60): VY0
 Ion 82.90 (82.60 to 83.60): VY0
 Ion 84.90 (84.60 to 85.60): VY0
 Ion 98.90 (98.60 to 99.60): VY0

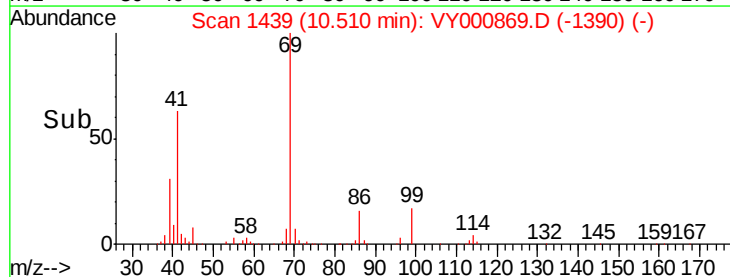
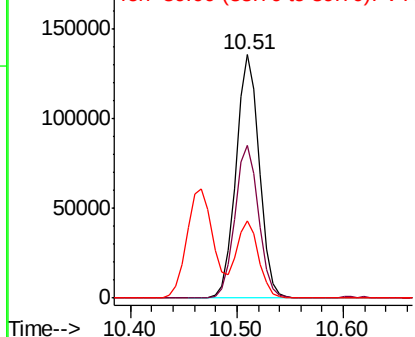


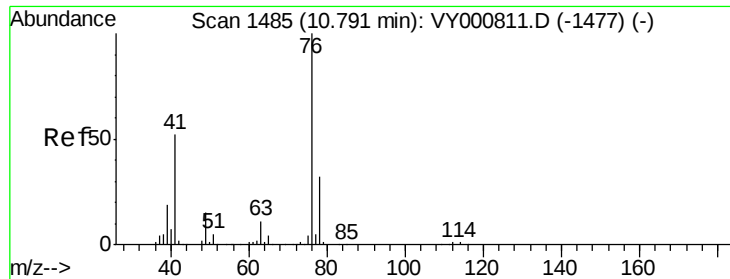
#56
 Ethyl methacrylate
 Concen: 50.351 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: VY000869.D
 Acq: 04 Dec 2019 18:27

Tgt Ion: 69 Resp: 209156
 Ion Ratio Lower Upper
 69 100
 41 62.9 49.0 73.6
 39 29.4 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: 50.323 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. -0.00 min

Lab File: VY000869.D

Acq: 04 Dec 2019 18:27

Instrument :

MSVOA_Y

ClientSampleId :

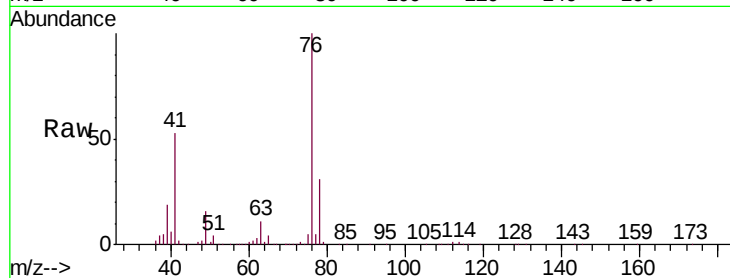
VSTDCCC050EC

Tgt Ion: 76 Resp: 254684

Ion Ratio Lower Upper

76 100

78 32.0 26.4 39.6



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

10.79

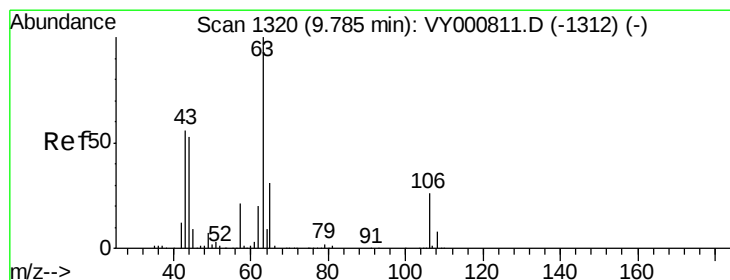
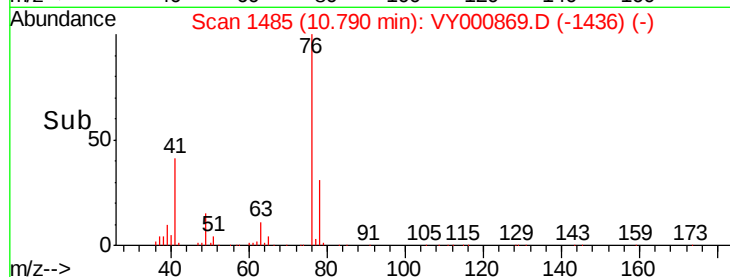
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 230.990 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. -0.00 min

Lab File: VY000869.D

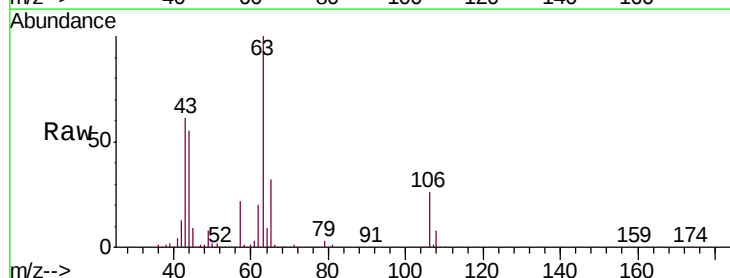
Acq: 04 Dec 2019 18:27

Tgt Ion: 63 Resp: 386894

Ion Ratio Lower Upper

63 100

106 27.0 21.5 32.3



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

9.78

250000

200000

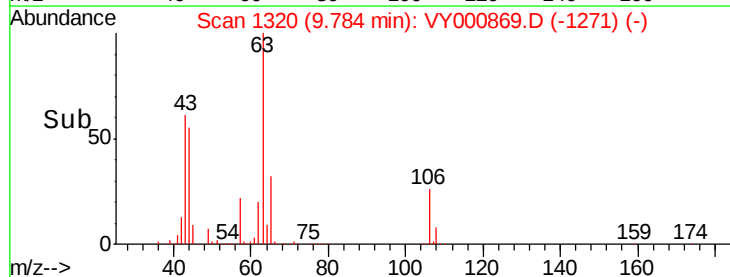
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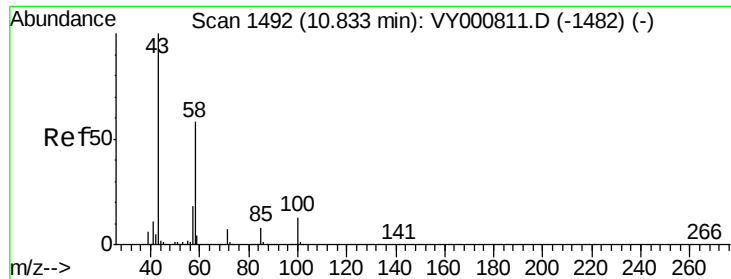
100000

50000

0

Time-->

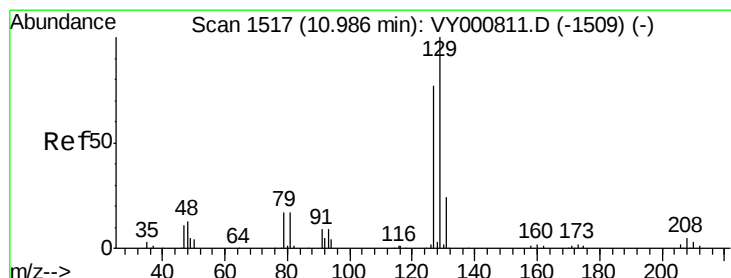
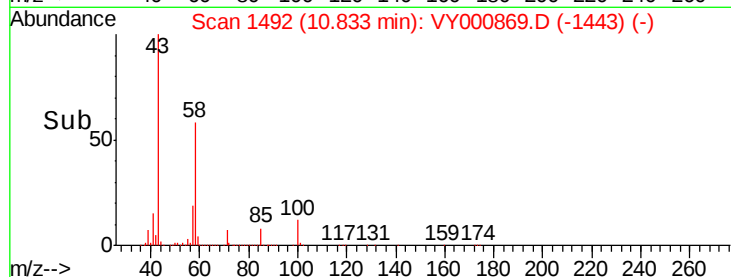
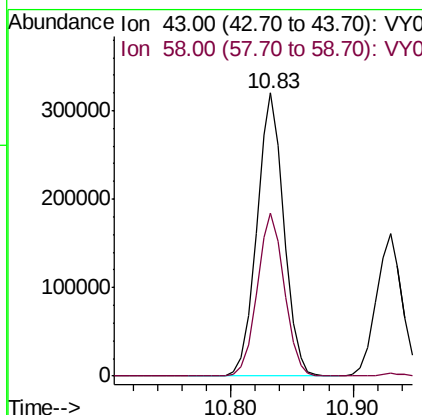
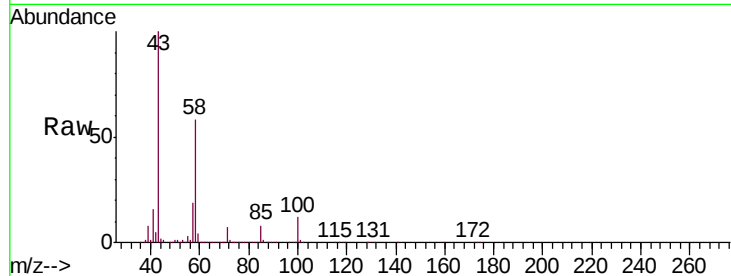




#59
2-Hexanone
Concen: 232.728 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY000869.D
Acq: 04 Dec 2019 18:27

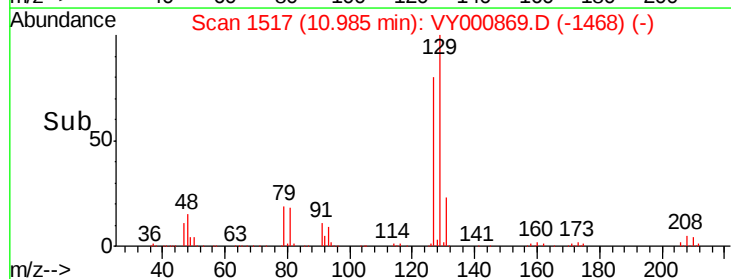
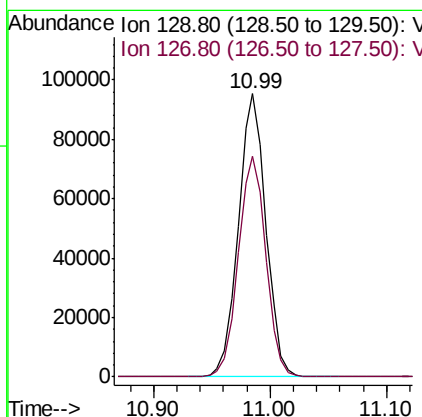
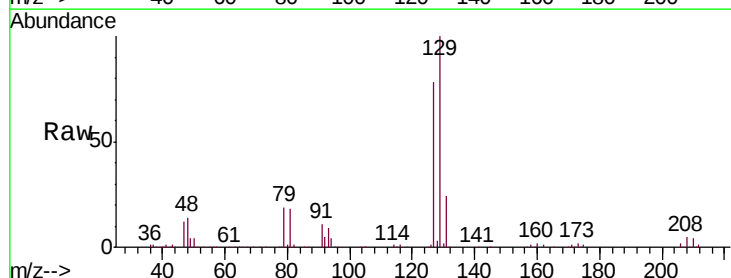
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

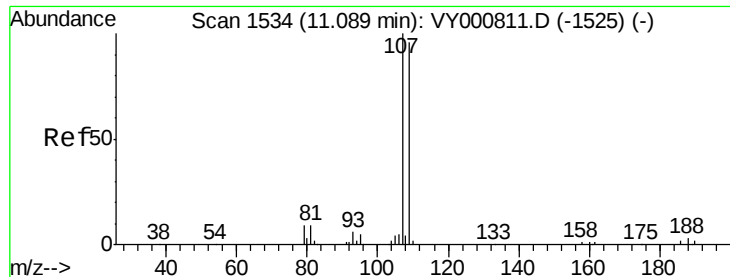
Tgt Ion: 43 Resp: 490179
Ion Ratio Lower Upper
43 100
58 58.1 29.0 87.1



#60
Dibromochloromethane
Concen: 50.264 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY000869.D
Acq: 04 Dec 2019 18:27

Tgt Ion: 129 Resp: 157124
Ion Ratio Lower Upper
129 100
127 77.8 39.1 117.2

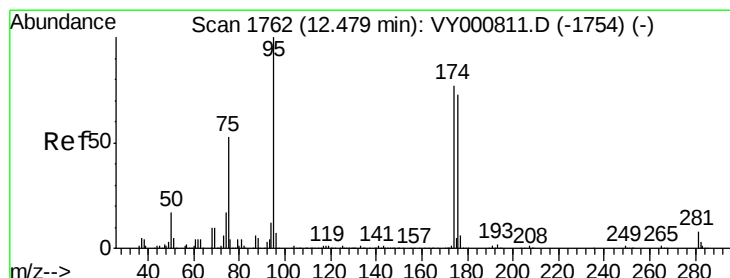
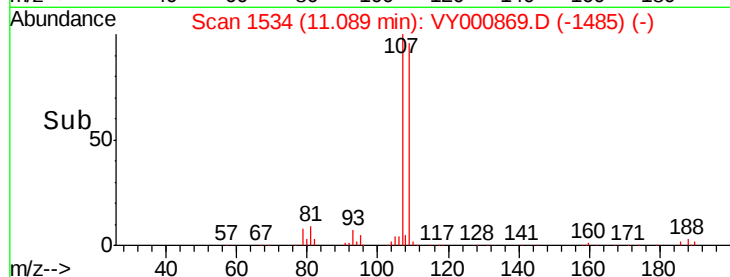
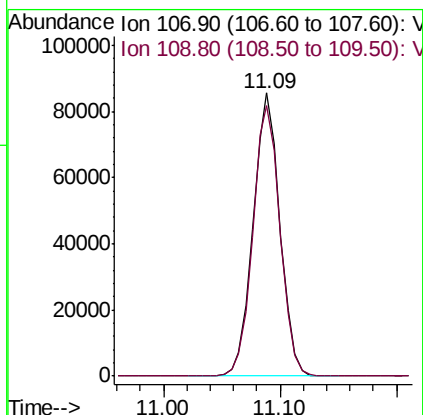
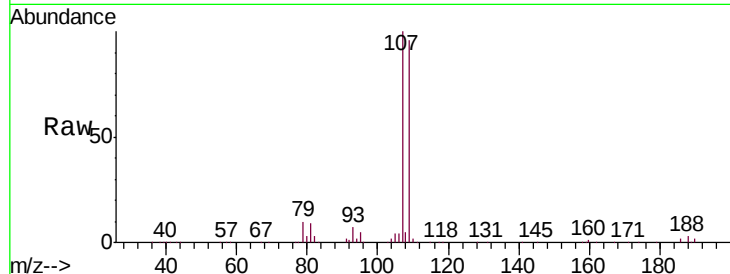




#61
 1,2-Dibromoethane
 Concen: 50.008 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VY000869.D
 Acq: 04 Dec 2019 18:27

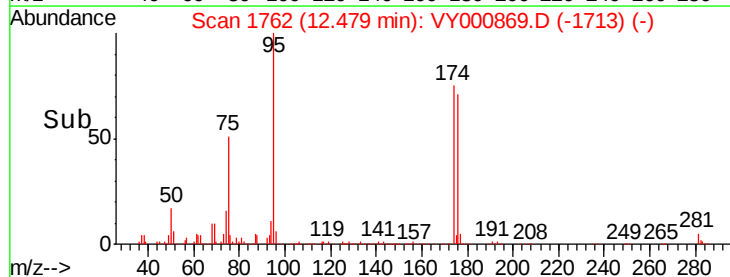
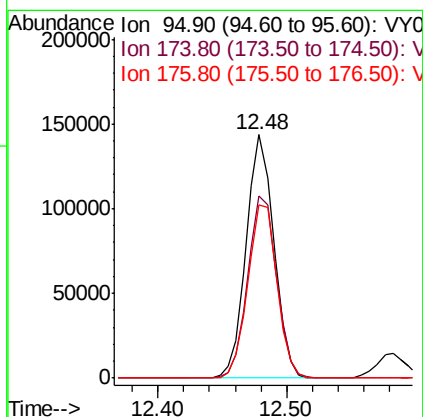
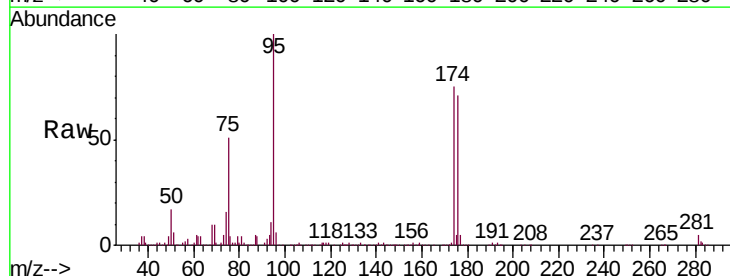
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

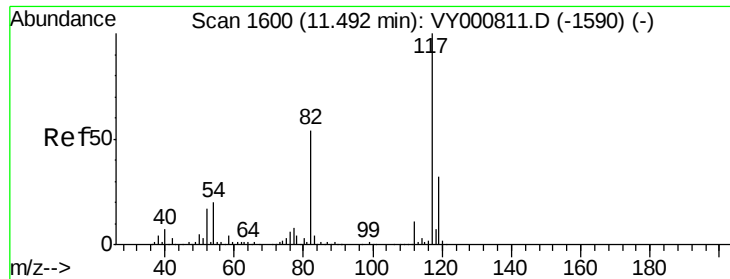
Tgt Ion: 107 Resp: 136855
 Ion Ratio Lower Upper
 107 100
 109 97.0 75.9 113.9



#62
 4-Bromofluorobenzene
 Concen: 47.028 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VY000869.D
 Acq: 04 Dec 2019 18:27

Tgt Ion: 95 Resp: 212786
 Ion Ratio Lower Upper
 95 100
 174 77.7 0.0 150.6
 176 74.7 0.0 145.2

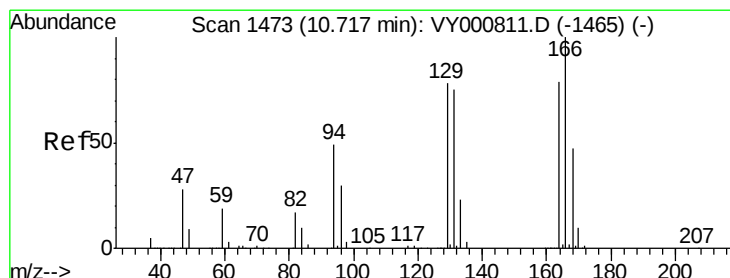
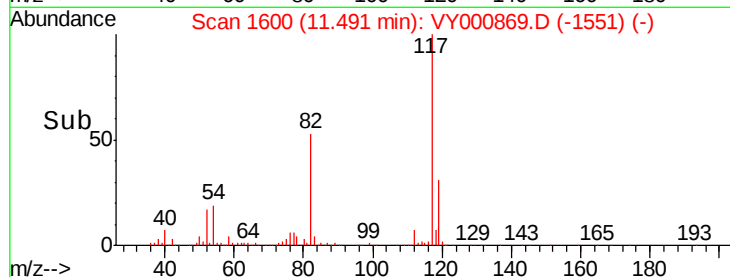
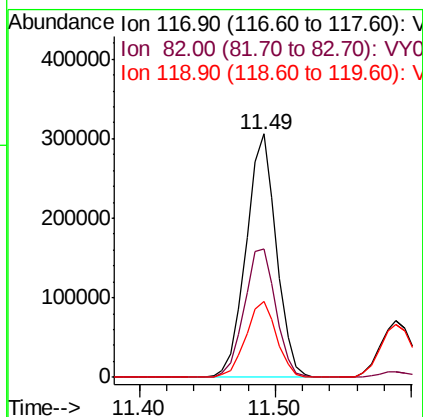
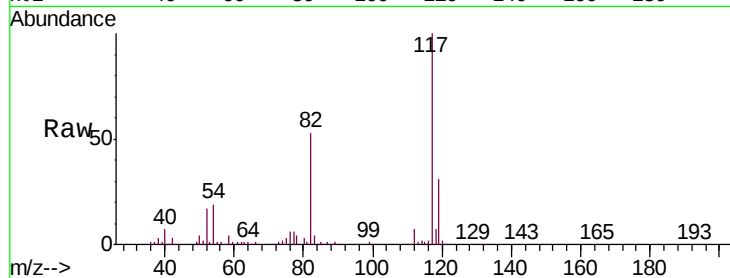




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY000869.D
Acq: 04 Dec 2019 18:27

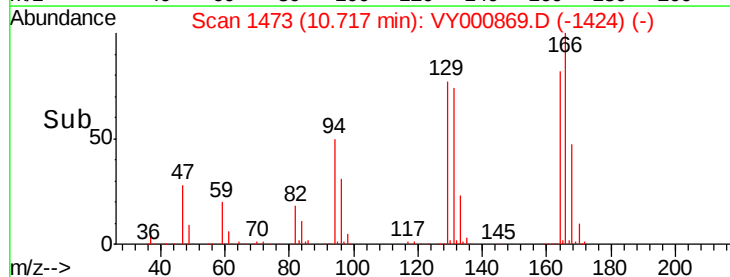
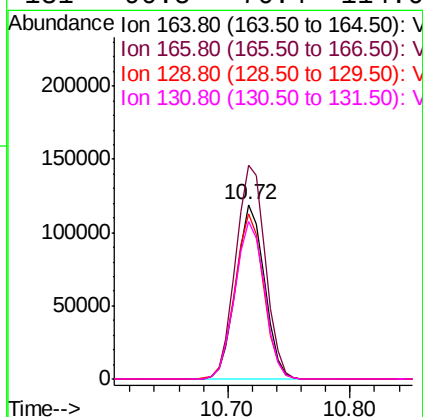
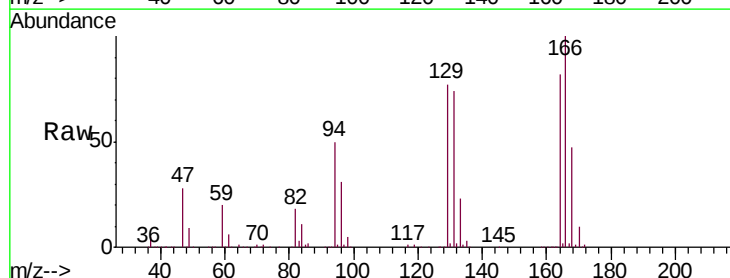
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

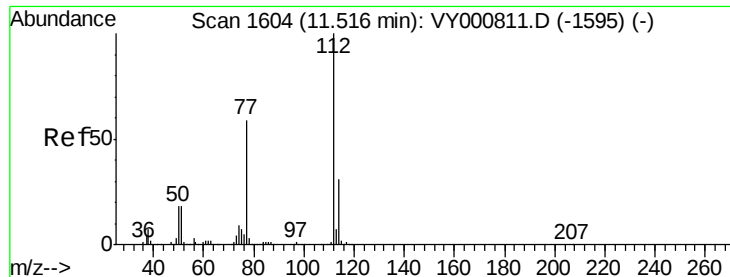
Tgt Ion:117 Resp: 474116
Ion Ratio Lower Upper
117 100
82 52.5 43.1 64.7
119 31.1 25.3 37.9



#64
Tetrachloroethene
Concen: 46.555 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY000869.D
Acq: 04 Dec 2019 18:27

Tgt Ion:164 Resp: 191769
Ion Ratio Lower Upper
164 100
166 122.6 101.8 152.8
129 94.7 79.3 118.9
131 90.5 76.4 114.6

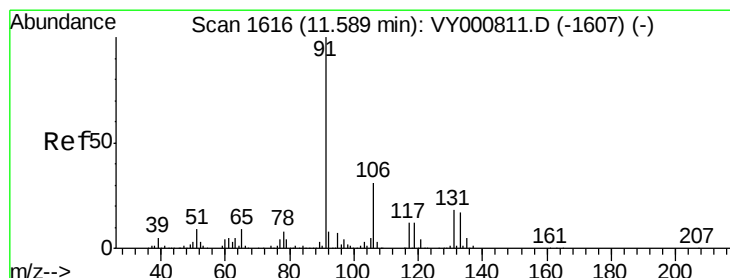
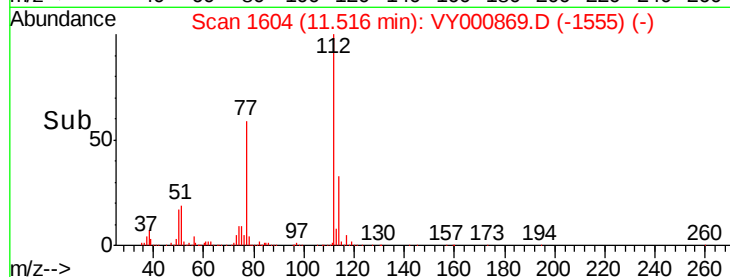
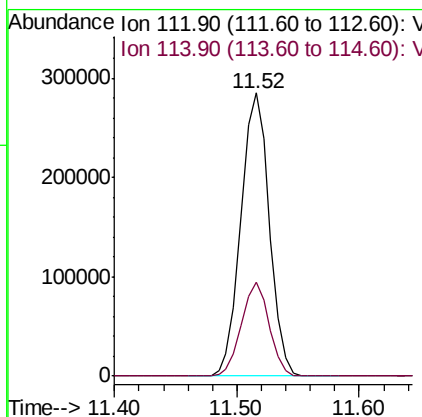
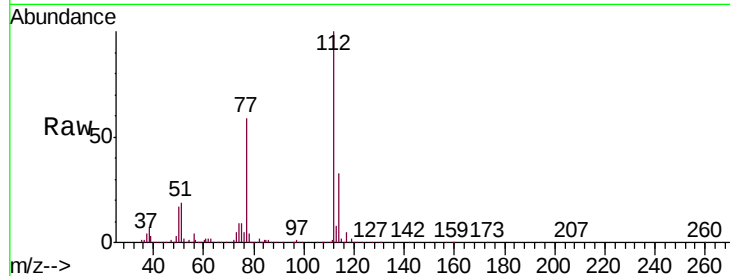




#65
Chlorobenzene
Concen: 46.601 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VY000869.D
Acq: 04 Dec 2019 18:27

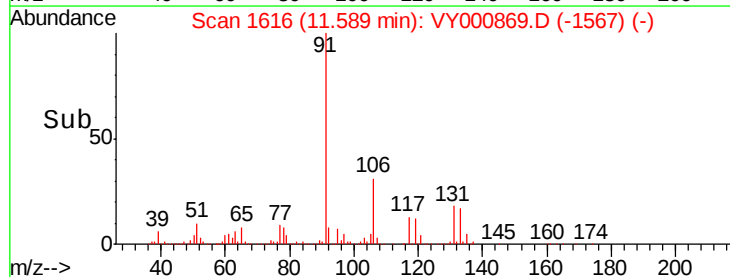
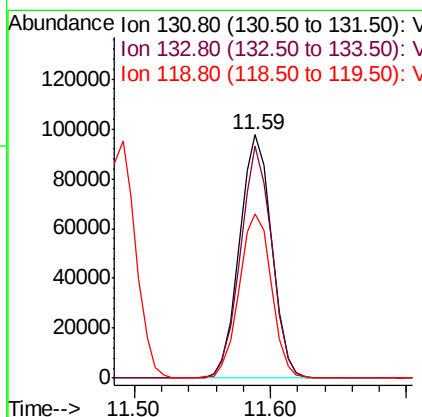
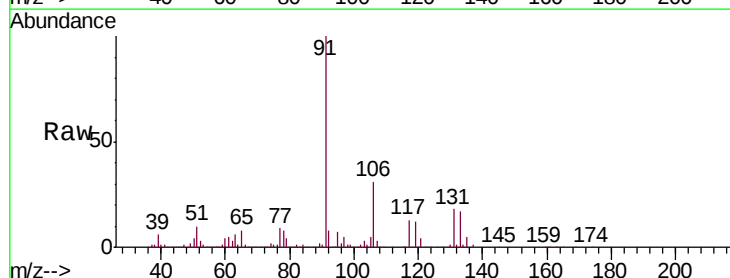
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

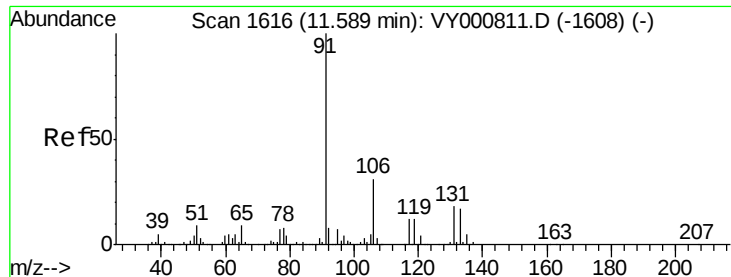
Tgt Ion:112 Resp: 459260
Ion Ratio Lower Upper
112 100
114 33.1 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 48.425 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY000869.D
Acq: 04 Dec 2019 18:27

Tgt Ion:131 Resp: 160830
Ion Ratio Lower Upper
131 100
133 93.5 47.4 142.2
119 67.6 33.8 101.3





#67

Ethyl Benzene

Concen: 46.786 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. -0.00 min

Lab File: VY000869.D

Acq: 04 Dec 2019 18:27

Instrument :

MSVOA_Y

ClientSampleId :

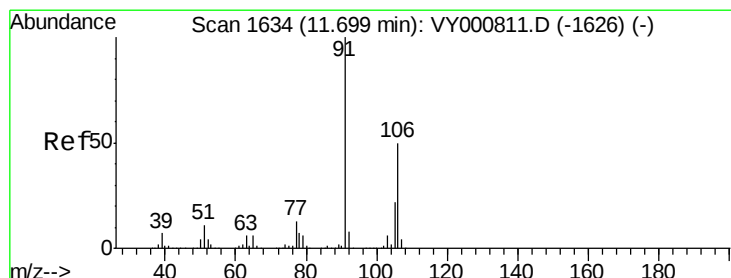
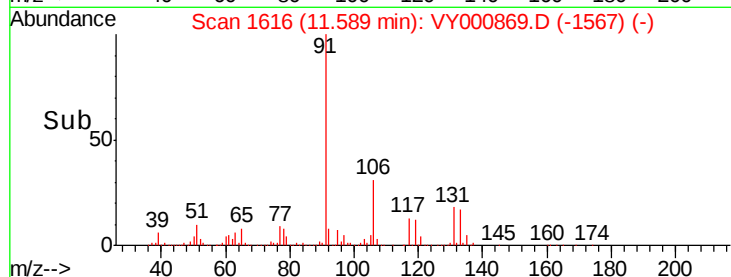
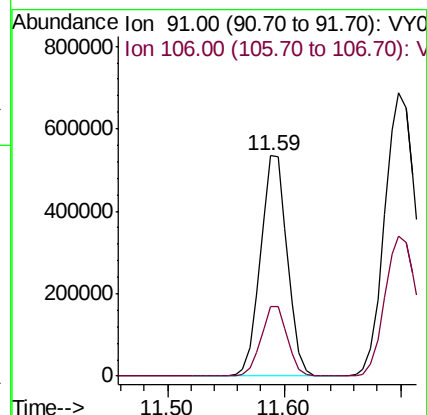
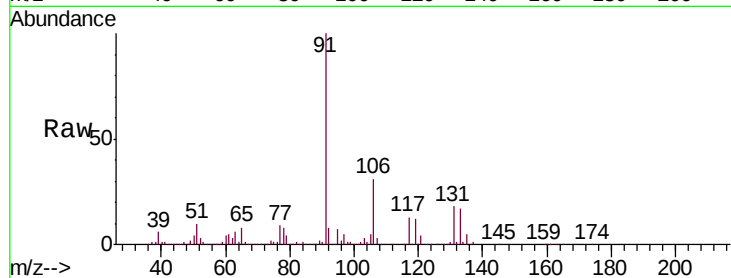
VSTDCCC050EC

Tgt Ion: 91 Resp: 858718

Ion Ratio Lower Upper

91 100

106 31.3 24.4 36.6



#68

m/p-Xylenes

Concen: 92.997 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. -0.00 min

Lab File: VY000869.D

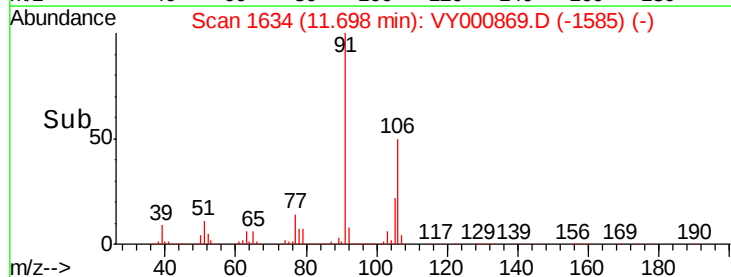
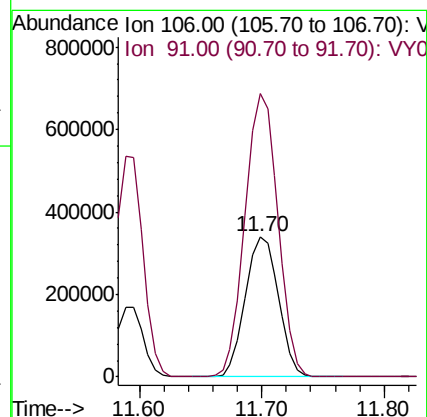
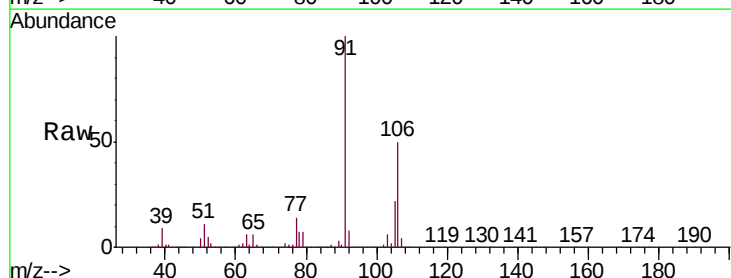
Acq: 04 Dec 2019 18:27

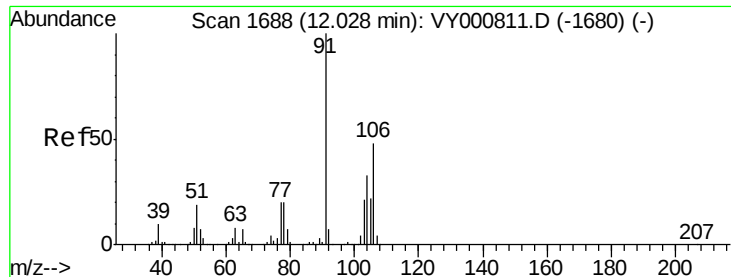
Tgt Ion: 106 Resp: 640671

Ion Ratio Lower Upper

106 100

91 200.7 159.6 239.4

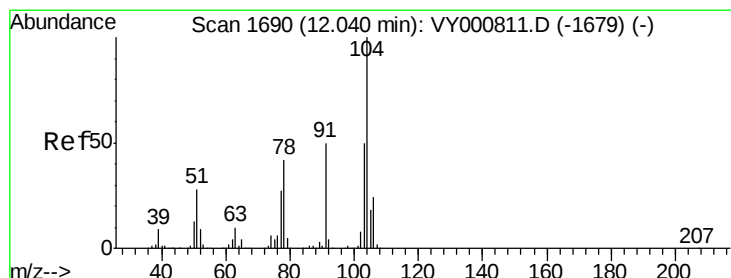
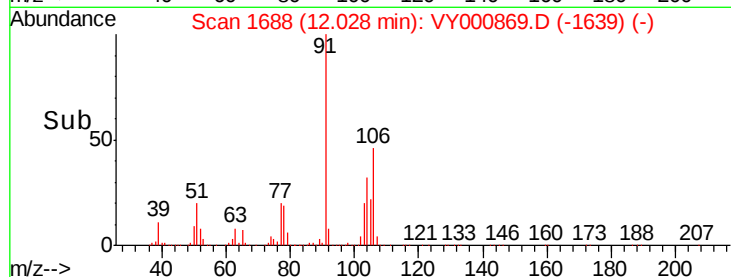
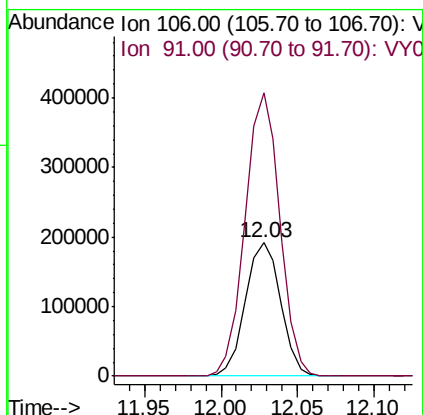
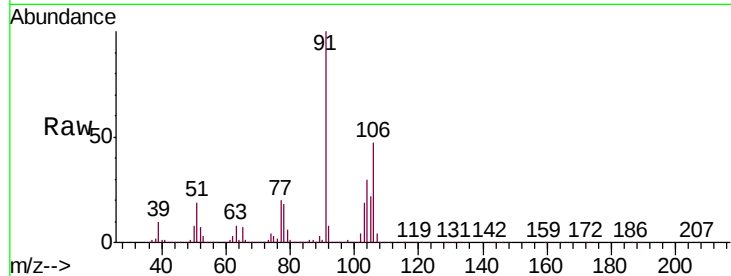




#69
o-Xylene
Concen: 47.805 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY000869.D
Acq: 04 Dec 2019 18:27

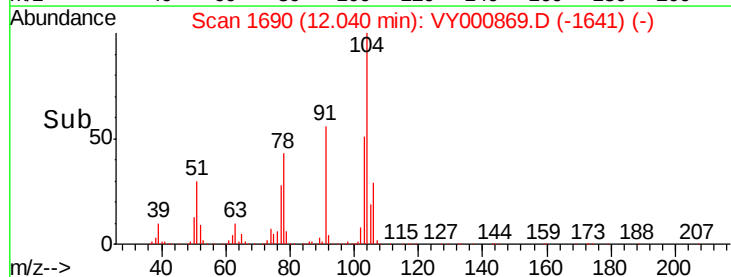
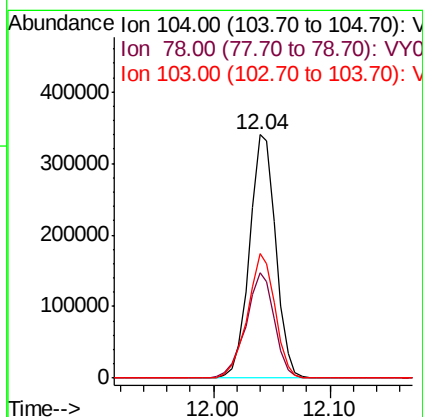
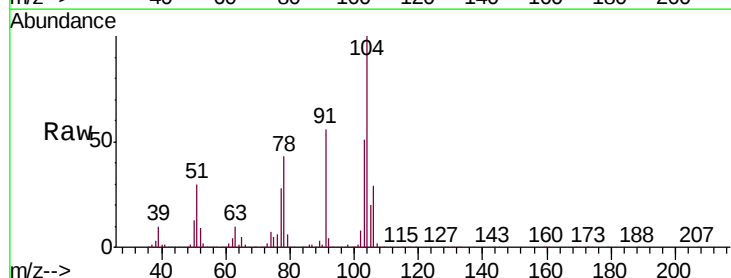
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

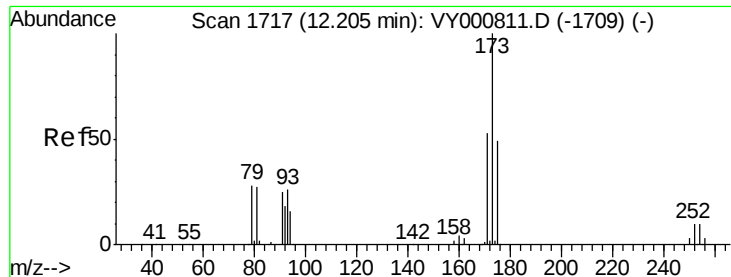
Tgt Ion:106 Resp: 307073
Ion Ratio Lower Upper
106 100
91 209.4 106.1 318.1



#70
Styrene
Concen: 48.587 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VY000869.D
Acq: 04 Dec 2019 18:27

Tgt Ion:104 Resp: 534398
Ion Ratio Lower Upper
104 100
78 46.8 38.2 57.4
103 53.9 43.4 65.0

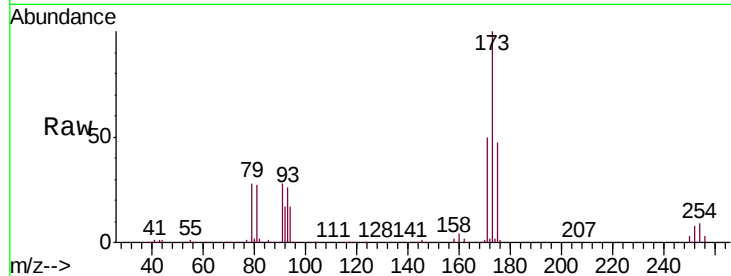




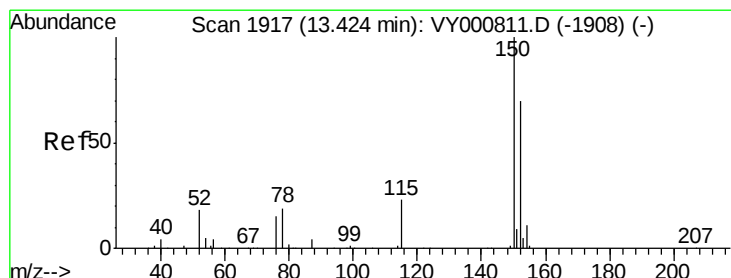
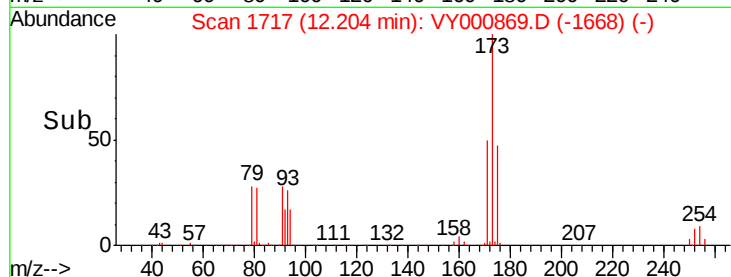
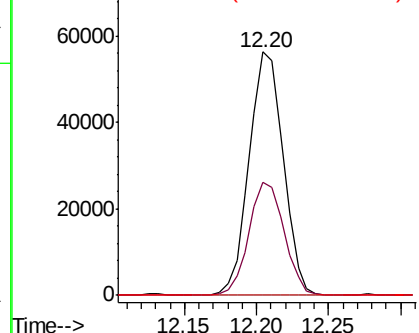
#71
Bromoform
Concen: 49.299 ug/l
RT: 12.20 min Scan# 1717
Delta R.T. -0.00 min
Lab File: VY000869.D
Acq: 04 Dec 2019 18:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:173 Resp: 92346
Ion Ratio Lower Upper
173 100
175 48.1 24.5 73.5
254 0.0 0.0 0.0

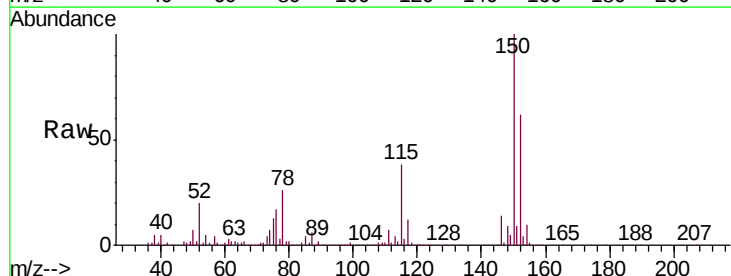


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

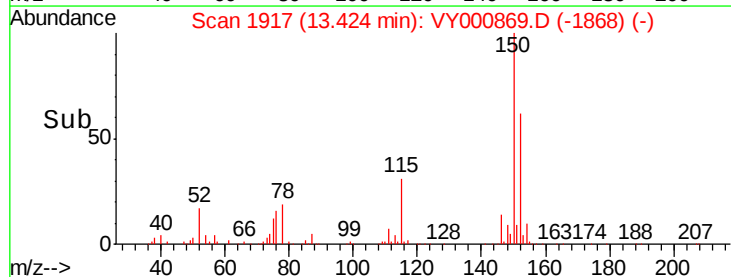
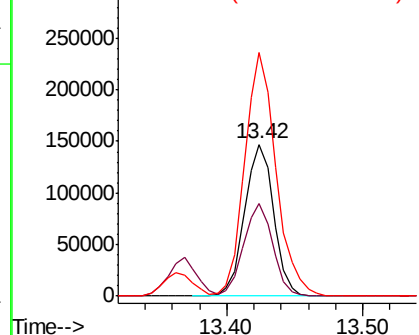


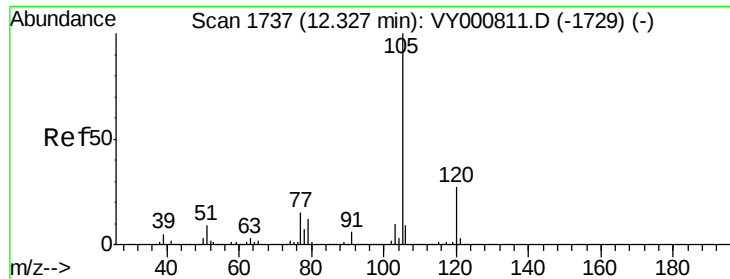
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY000869.D
Acq: 04 Dec 2019 18:27

Tgt Ion:152 Resp: 219009
Ion Ratio Lower Upper
152 100
115 60.5 29.3 87.8
150 173.0 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: 46.779 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VY000869.D

Acq: 04 Dec 2019 18:27

Instrument :

MSVOA_Y

ClientSampleId :

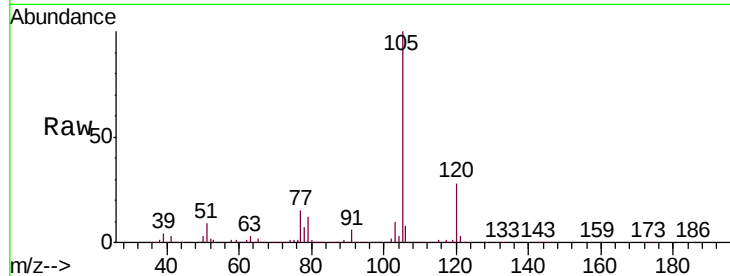
VSTDCCC050EC

Tgt Ion: 105 Resp: 815739

Ion Ratio Lower Upper

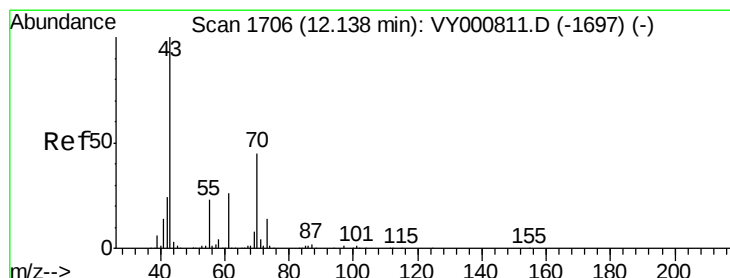
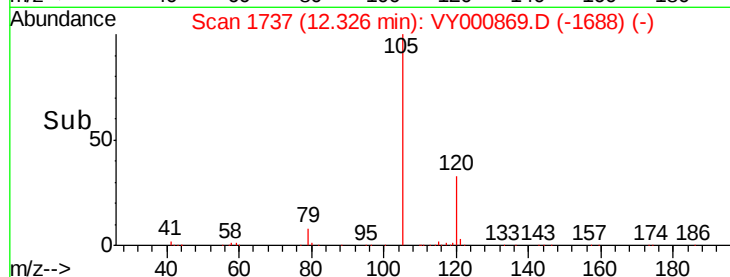
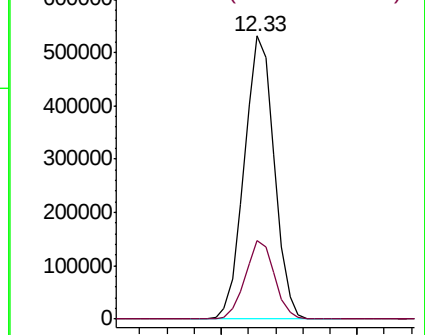
105 100

120 27.0 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 48.656 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.01 min

Lab File: VY000869.D

Acq: 04 Dec 2019 18:27

Tgt Ion: 43 Resp: 236158

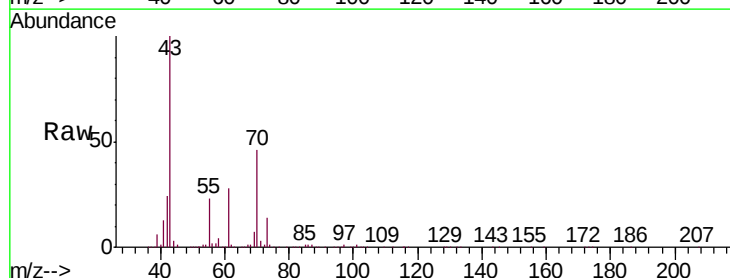
Ion Ratio Lower Upper

43 100

70 46.5 36.6 54.8

55 23.9 18.8 28.2

61 26.4 21.0 31.6

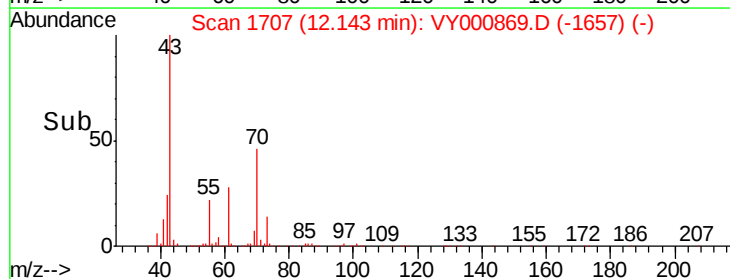
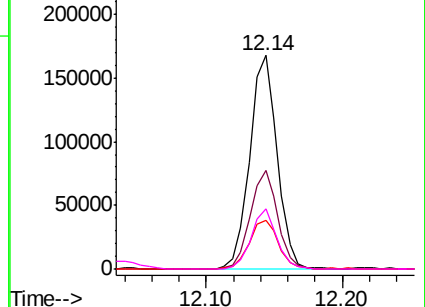


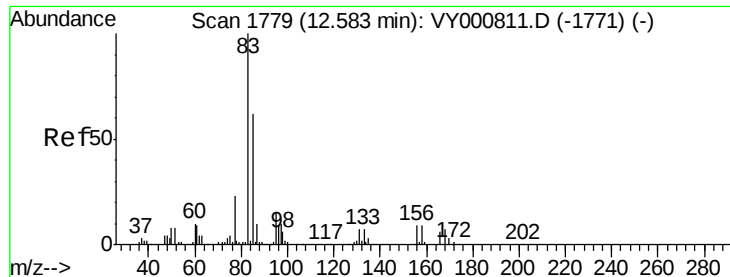
Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0





#75

1,1,2,2-Tetrachloroethane

Concen: 48.707 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY000869.D

Acq: 04 Dec 2019 18:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

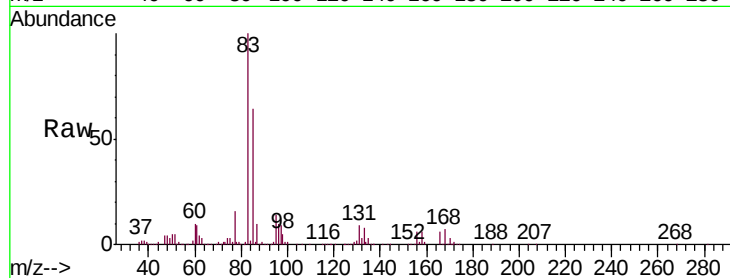
Tgt Ion: 83 Resp: 167355

Ion Ratio Lower Upper

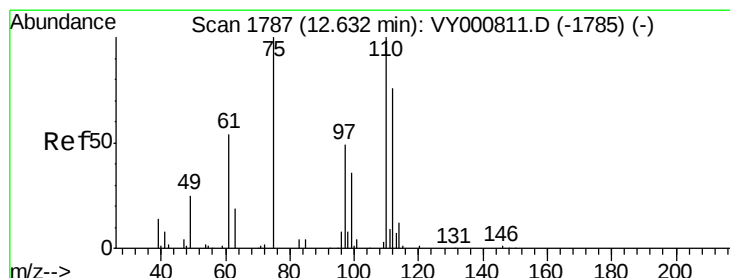
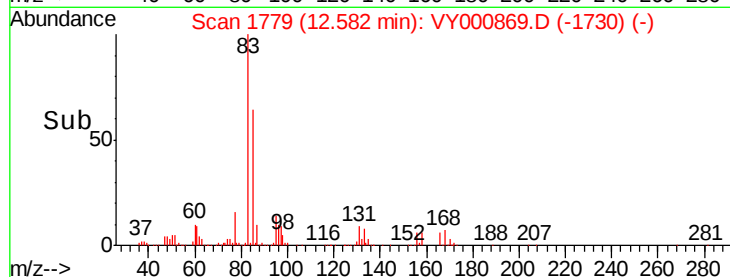
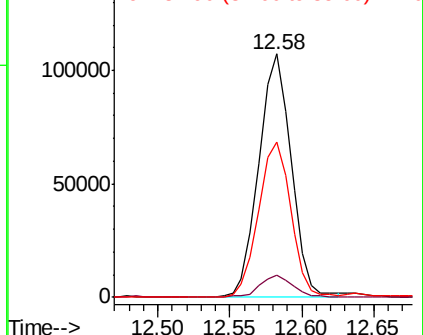
83 100

131 9.4 4.3 13.1

85 64.1 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 130.80 (130.50 to 131.50): VY0
Ion 84.90 (84.60 to 85.60): VY0



#76

1,2,3-Trichloropropane

Concen: 91.215 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. -0.00 min

Lab File: VY000869.D

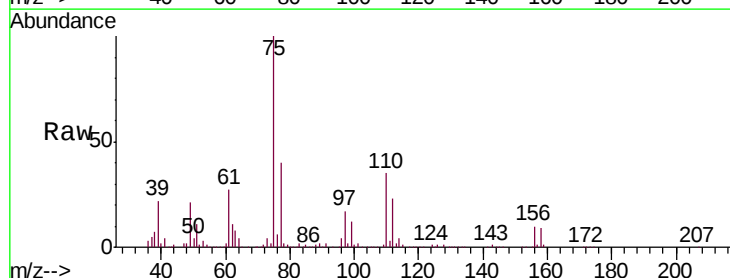
Acq: 04 Dec 2019 18:27

Tgt Ion: 75 Resp: 226336

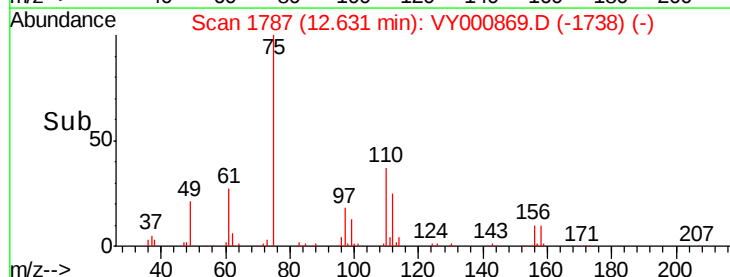
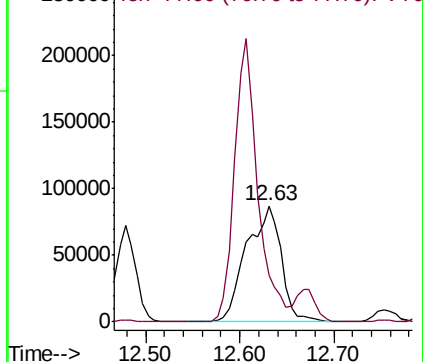
Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0
Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 47.934 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY000869.D

Acq: 04 Dec 2019 18:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

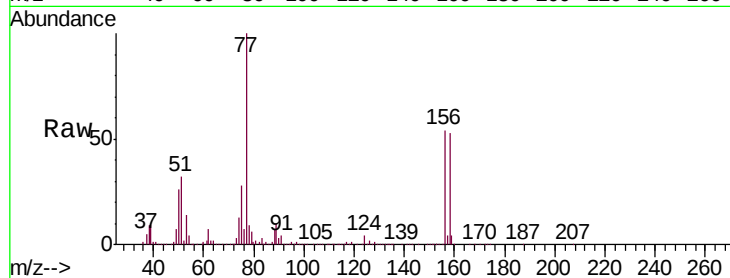
Tgt Ion:156 Resp: 181187

Ion Ratio Lower Upper

156 100

77 201.3 102.6 307.7

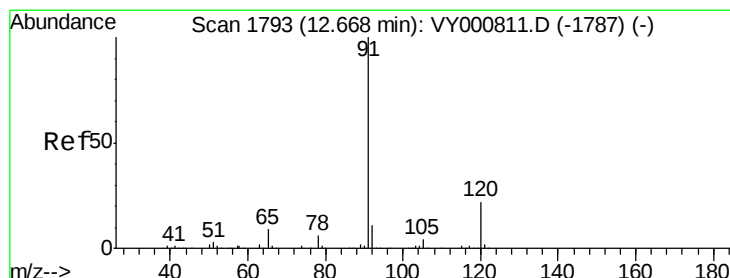
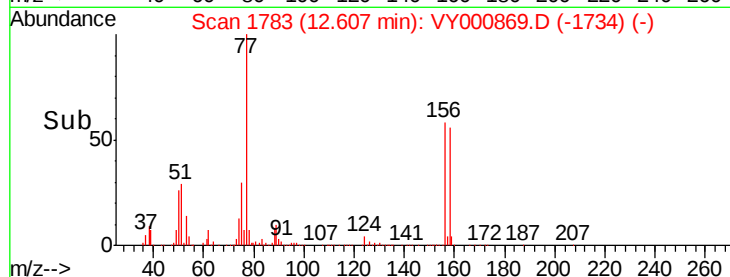
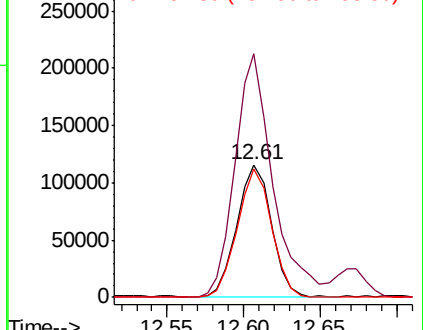
158 96.3 47.6 142.8



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: 46.907 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VY000869.D

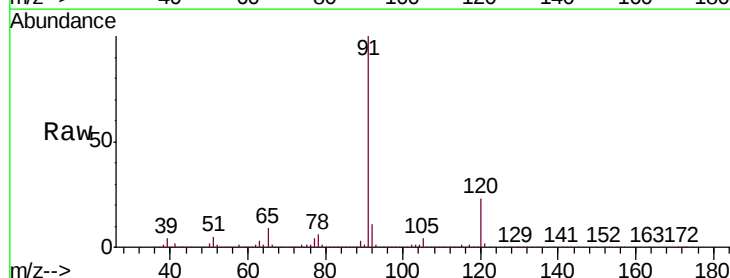
Acq: 04 Dec 2019 18:27

Tgt Ion: 91 Resp: 998749

Ion Ratio Lower Upper

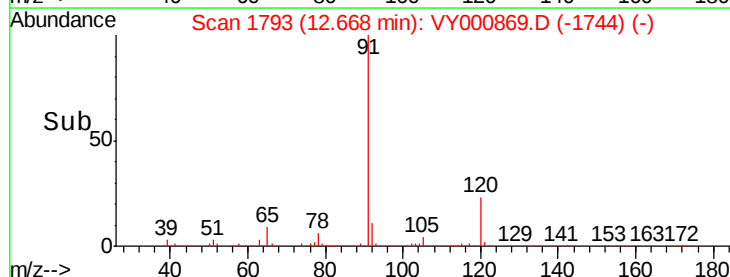
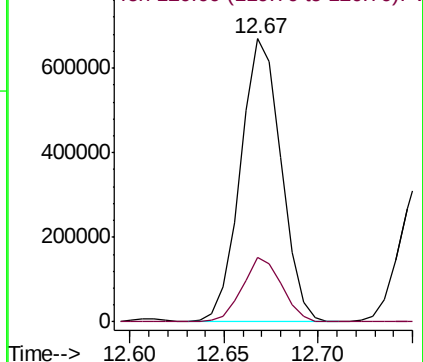
91 100

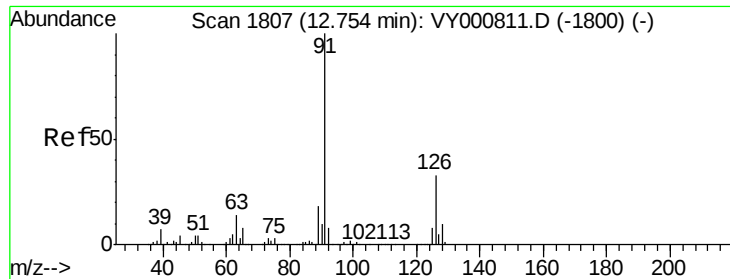
120 22.1 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

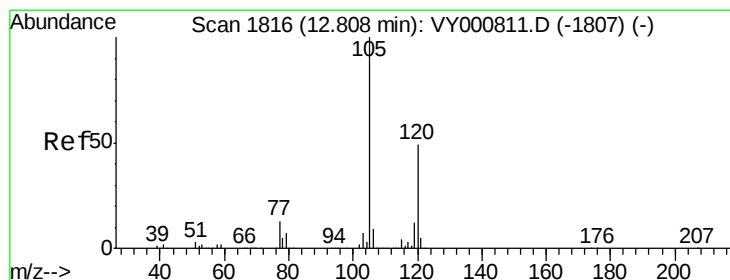
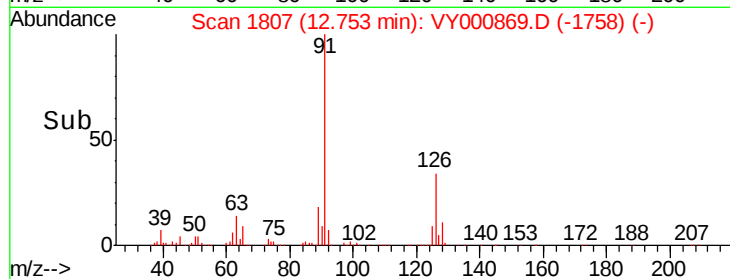
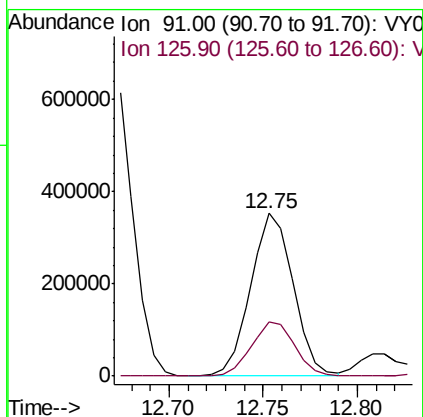
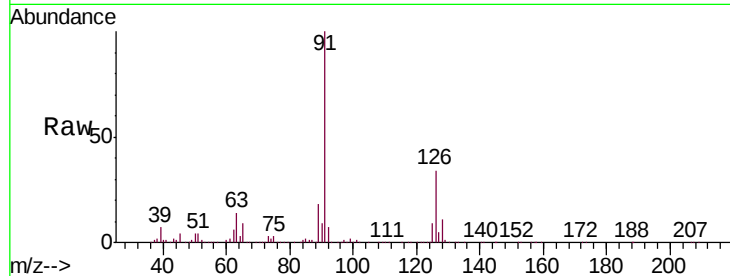




#79
 2-Chlorotoluene
 Concen: 46.872 ug/l
 RT: 12.75 min Scan# 1807
 Delta R.T. -0.00 min
 Lab File: VY000869.D
 Acq: 04 Dec 2019 18:27

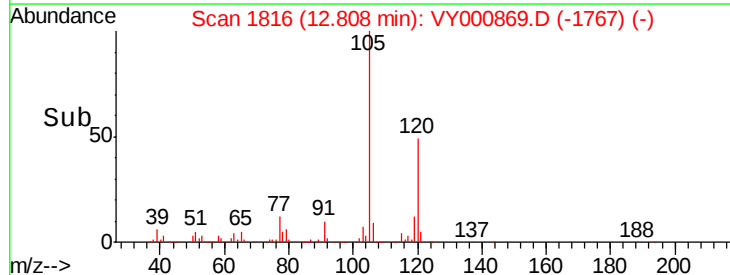
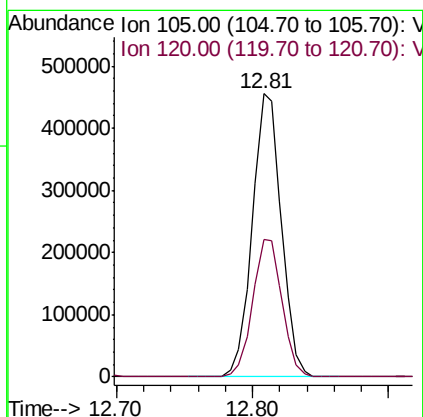
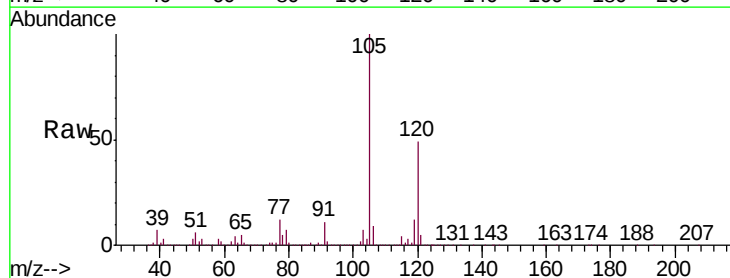
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

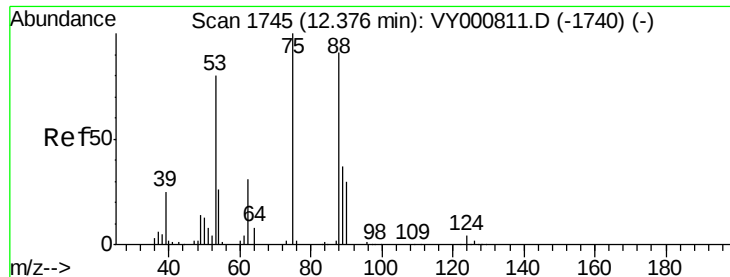
Tgt Ion: 91 Resp: 551343
 Ion Ratio Lower Upper
 91 100
 126 34.2 17.0 51.0



#80
 1,3,5-Trimethylbenzene
 Concen: 47.218 ug/l
 RT: 12.81 min Scan# 1816
 Delta R.T. -0.00 min
 Lab File: VY000869.D
 Acq: 04 Dec 2019 18:27

Tgt Ion: 105 Resp: 681741
 Ion Ratio Lower Upper
 105 100
 120 49.2 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 48.655 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. 0.01 min

Lab File: VY000869.D

Acq: 04 Dec 2019 18:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

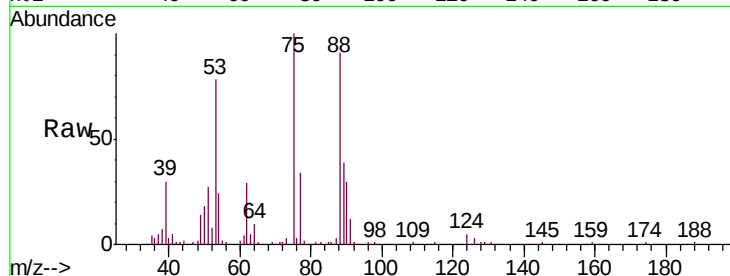
Tgt Ion: 75 Resp: 61462

Ion Ratio Lower Upper

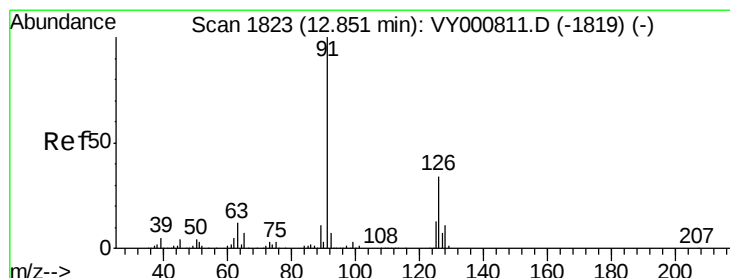
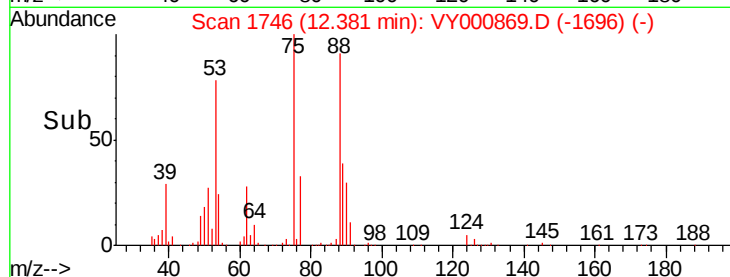
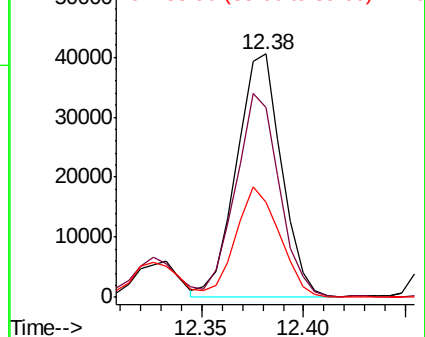
75 100

53 81.5 64.6 96.8

89 44.3 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: 47.215 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. -0.00 min

Lab File: VY000869.D

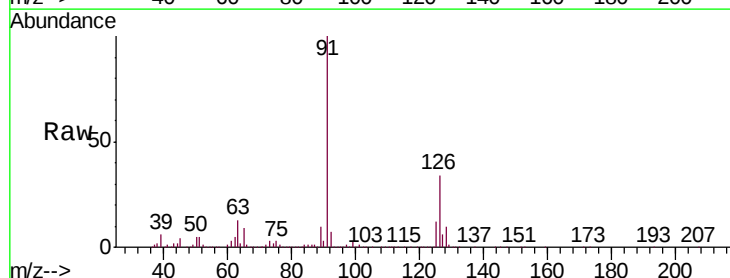
Acq: 04 Dec 2019 18:27

Tgt Ion: 91 Resp: 572188

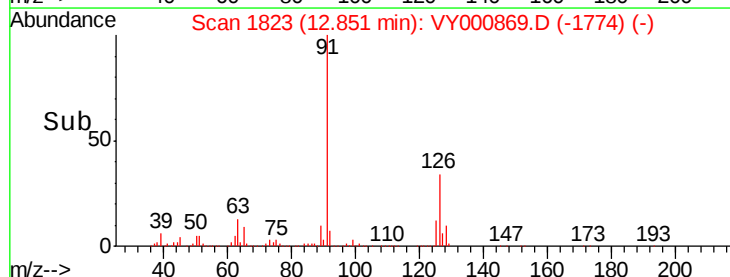
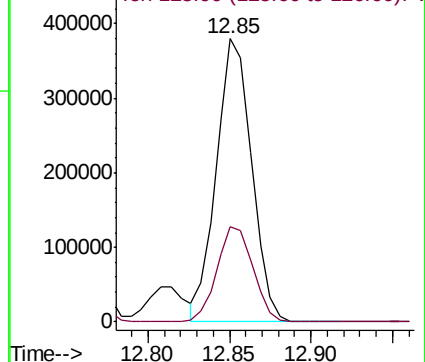
Ion Ratio Lower Upper

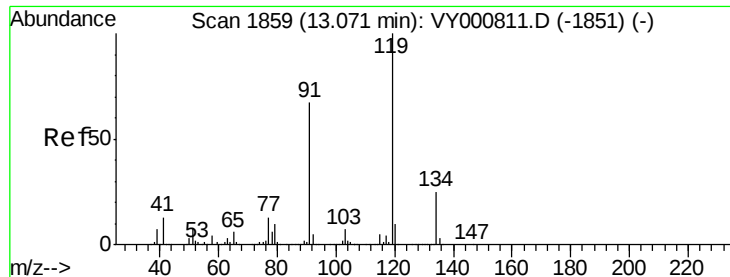
91 100

126 34.5 17.3 51.9



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

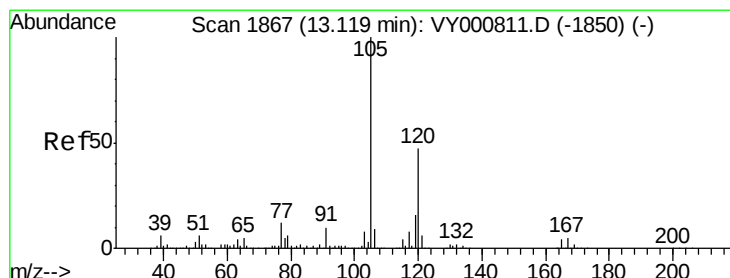
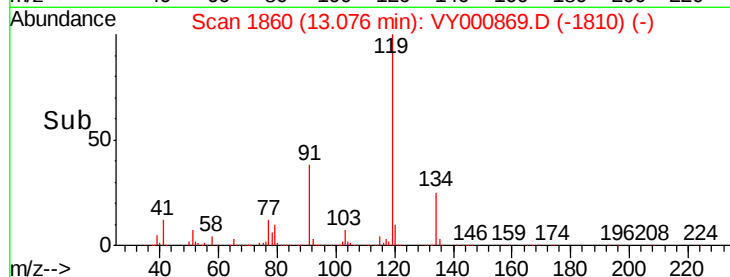
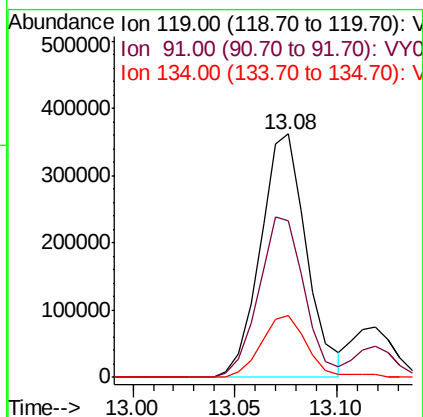
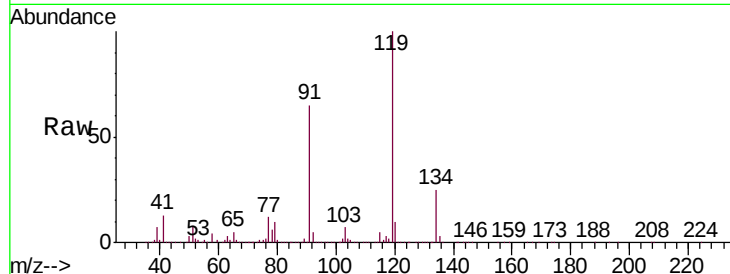




#83
tert-Butylbenzene
Concen: 46.850 ug/l
RT: 13.08 min Scan# 1860
Delta R.T. 0.01 min
Lab File: VY000869.D
Acq: 04 Dec 2019 18:27

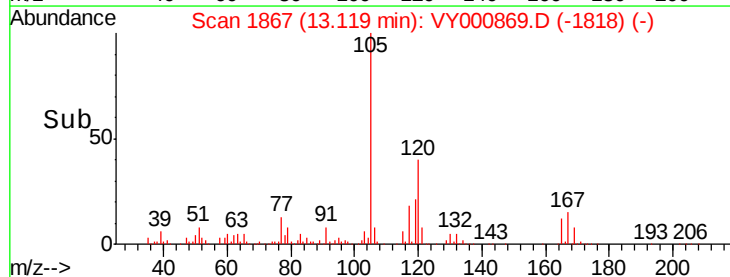
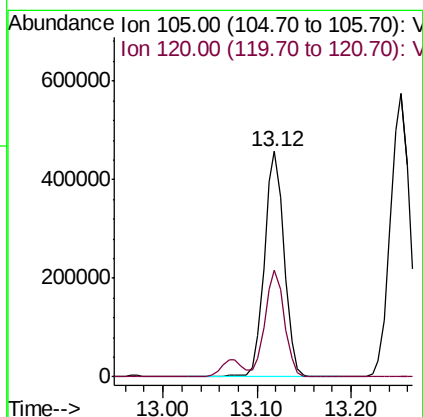
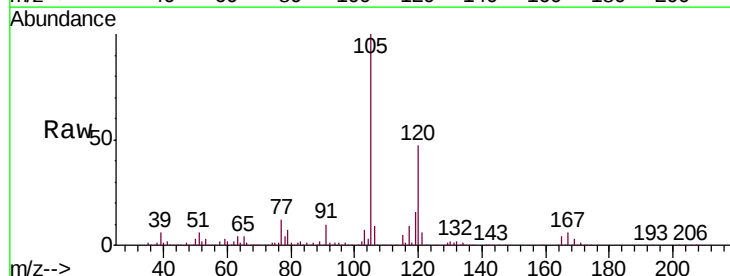
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

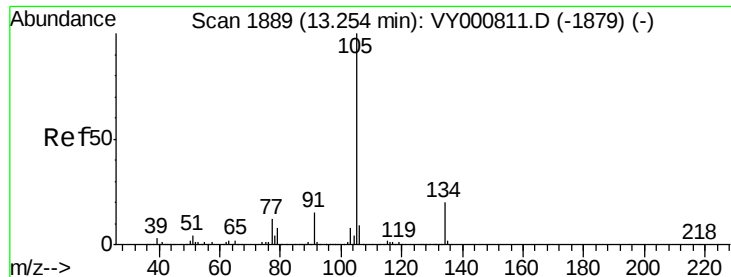
Tgt Ion:119 Resp: 568707
Ion Ratio Lower Upper
119 100
91 65.3 32.3 96.8
134 25.8 12.9 38.7



#84
1,2,4-Trimethylbenzene
Concen: 46.796 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. -0.00 min
Lab File: VY000869.D
Acq: 04 Dec 2019 18:27

Tgt Ion:105 Resp: 675968
Ion Ratio Lower Upper
105 100
120 46.0 22.6 67.8

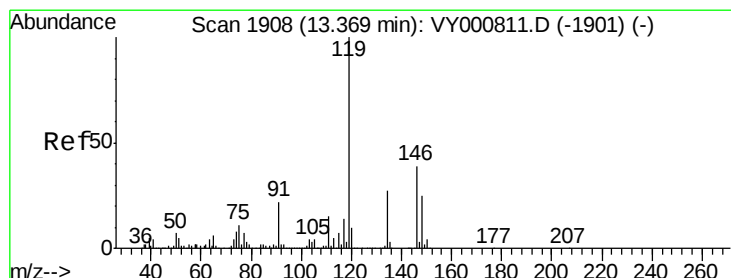
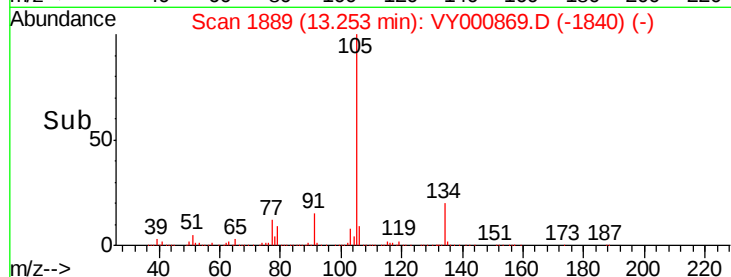
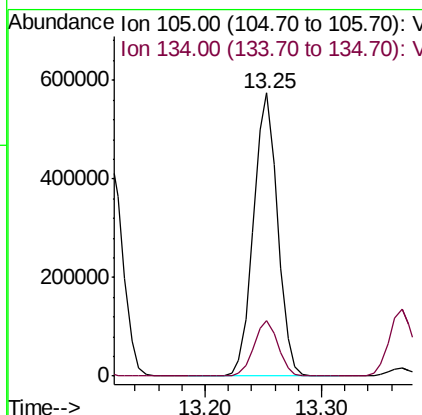
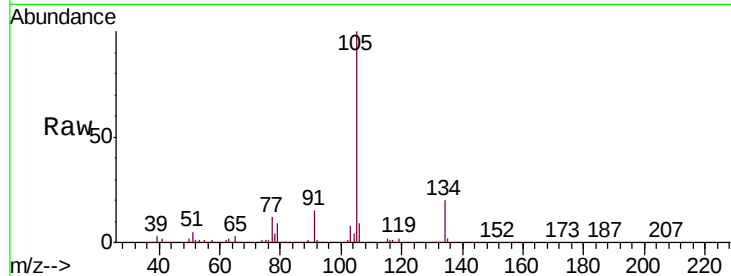




#85
 sec-Butylbenzene
 Concen: 46.979 ug/l
 RT: 13.25 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VY000869.D
 Acq: 04 Dec 2019 18:27

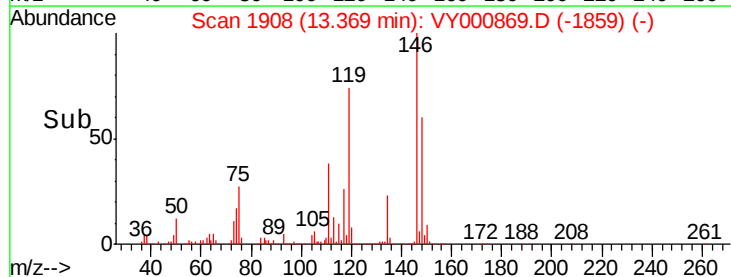
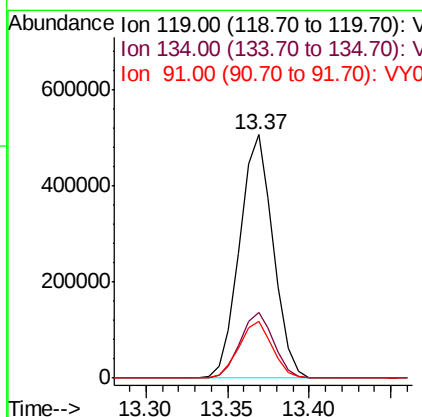
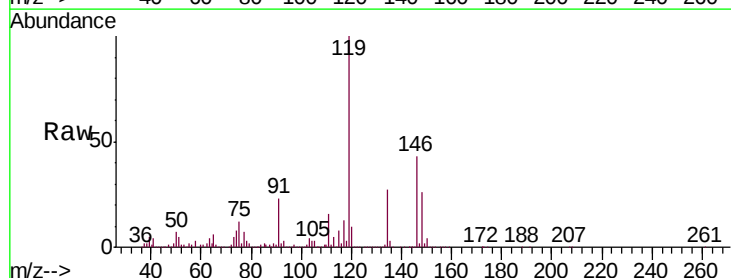
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

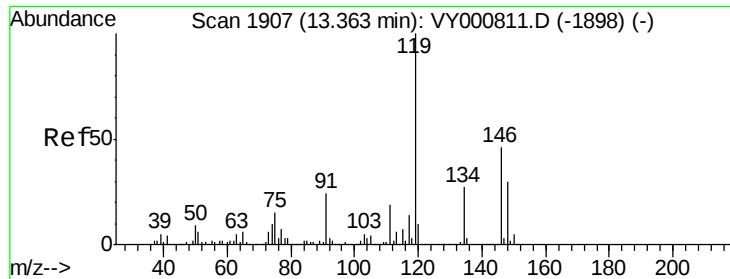
Tgt Ion:105 Resp: 829369
 Ion Ratio Lower Upper
 105 100
 134 19.9 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 47.113 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. -0.00 min
 Lab File: VY000869.D
 Acq: 04 Dec 2019 18:27

Tgt Ion:119 Resp: 723434
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.5 40.4
 91 23.1 11.5 34.5

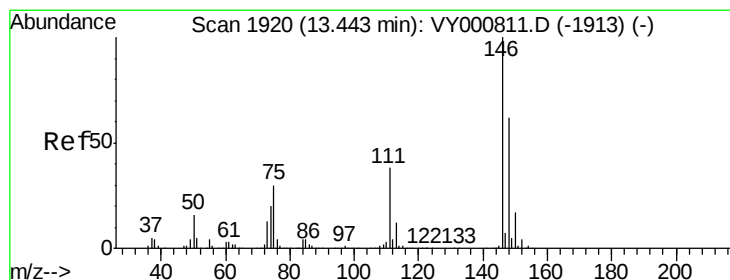
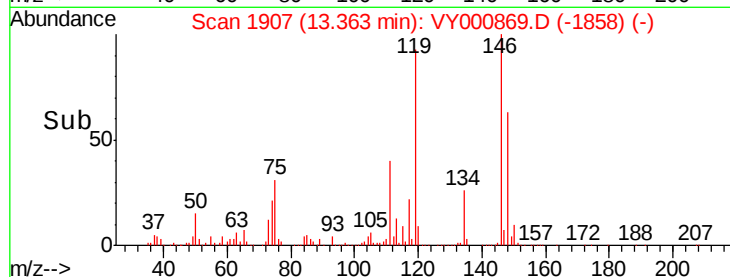
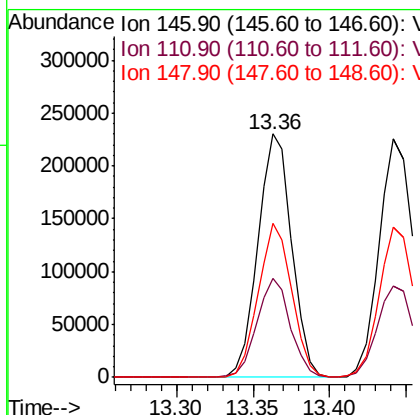
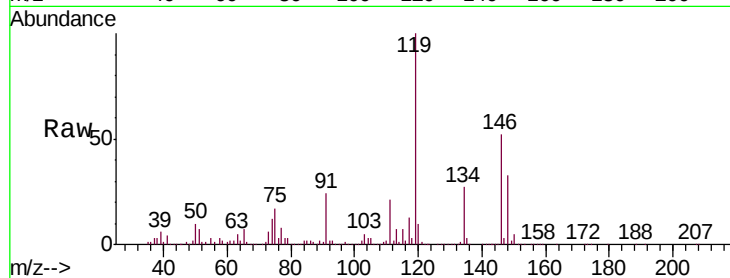




#87
 1,3-Dichlorobenzene
 Concen: 47.626 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VY000869.D
 Acq: 04 Dec 2019 18:27

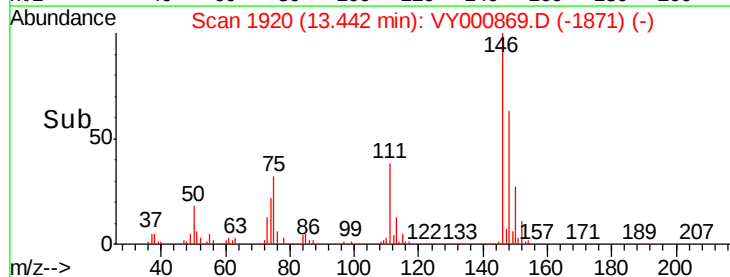
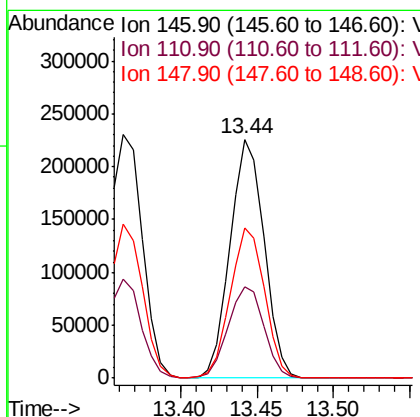
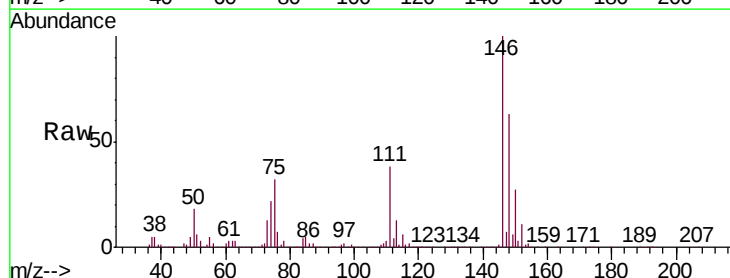
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

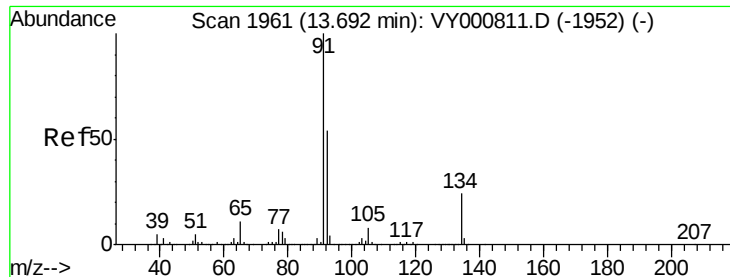
Tgt Ion:146 Resp: 353153
 Ion Ratio Lower Upper
 146 100
 111 40.0 20.0 60.0
 148 62.8 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 47.626 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. -0.00 min
 Lab File: VY000869.D
 Acq: 04 Dec 2019 18:27

Tgt Ion:146 Resp: 349676
 Ion Ratio Lower Upper
 146 100
 111 39.9 20.0 59.9
 148 63.6 31.7 95.1

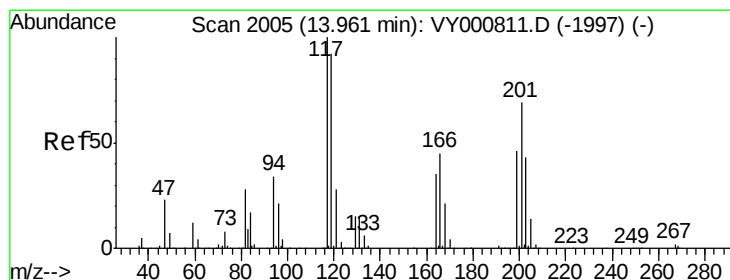
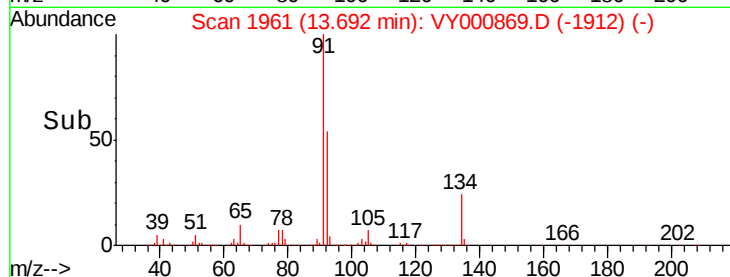
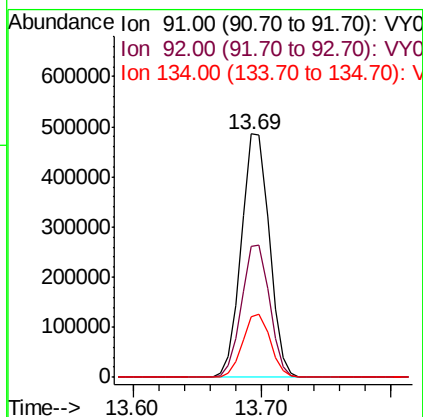
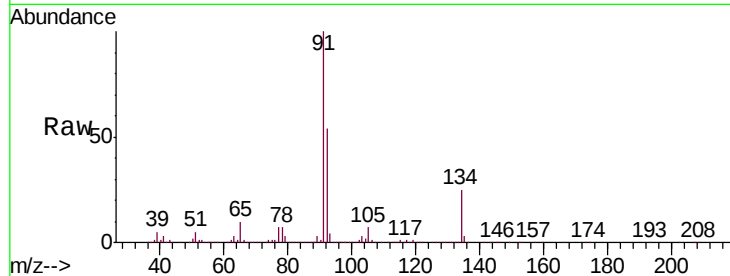




#89
n-Butylbenzene
Concen: 46.961 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. -0.00 min
Lab File: VY000869.D
Acq: 04 Dec 2019 18:27

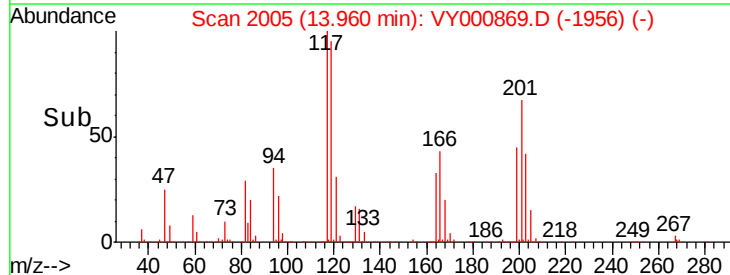
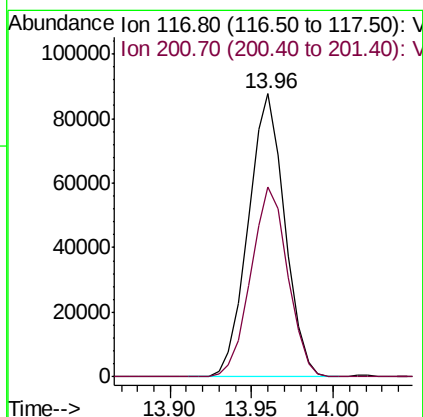
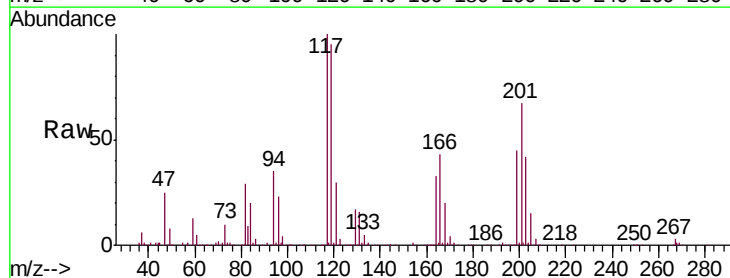
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

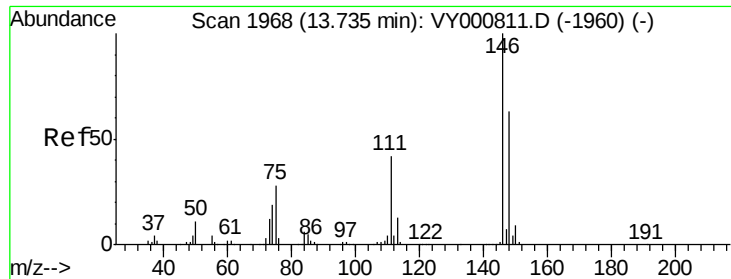
Tgt Ion: 91 Resp: 729073
Ion Ratio Lower Upper
91 100
92 54.3 26.9 80.7
134 25.6 12.6 37.6



#90
Hexachloroethane
Concen: 48.326 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.00 min
Lab File: VY000869.D
Acq: 04 Dec 2019 18:27

Tgt Ion: 117 Resp: 136695
Ion Ratio Lower Upper
117 100
201 67.5 34.0 102.0





#91

1,2-Dichlorobenzene

Concen: 48.840 ug/l

RT: 13.74 min Scan# 1969

Delta R.T. 0.01 min

Lab File: VY000869.D

Acq: 04 Dec 2019 18:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

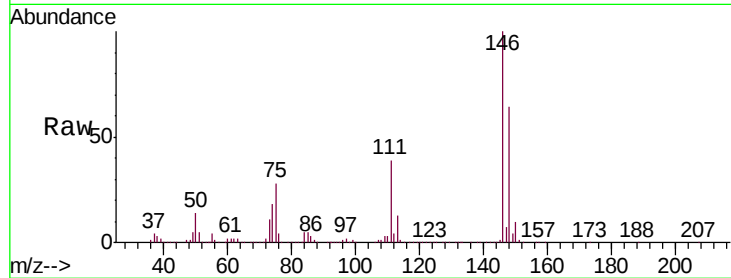
Tgt Ion:146 Resp: 325760

Ion Ratio Lower Upper

146 100

111 41.2 20.9 62.7

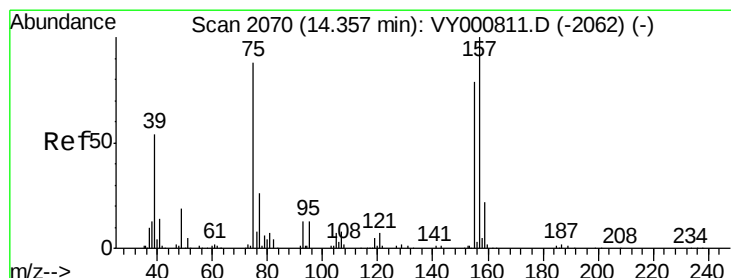
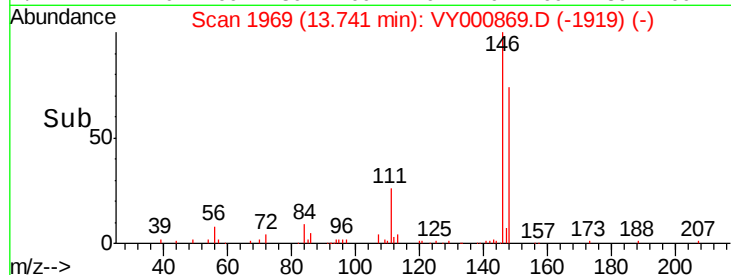
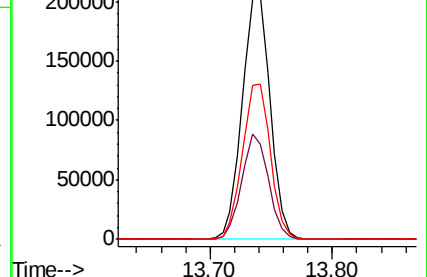
148 63.5 32.1 96.3



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: 48.655 ug/l

RT: 14.36 min Scan# 2070

Delta R.T. -0.00 min

Lab File: VY000869.D

Acq: 04 Dec 2019 18:27

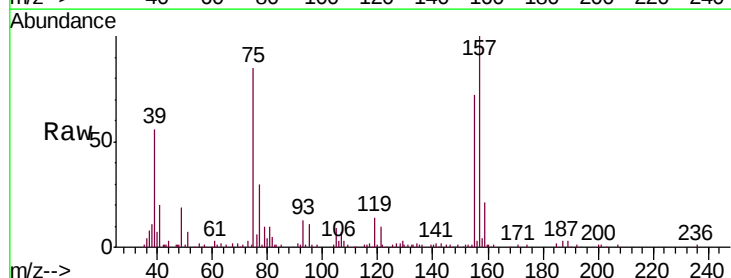
Tgt Ion: 75 Resp: 27988

Ion Ratio Lower Upper

75 100

155 87.2 44.3 132.9

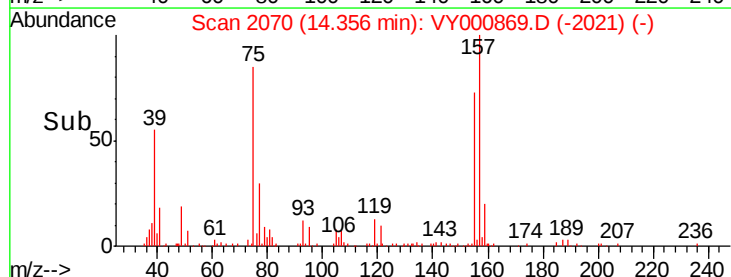
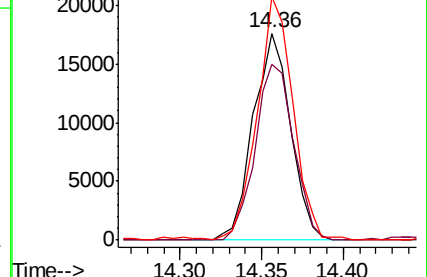
157 112.7 56.3 168.9



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

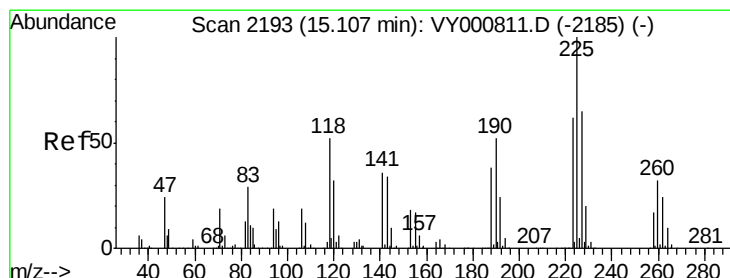
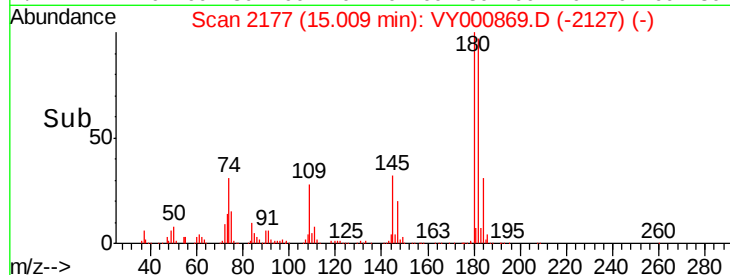
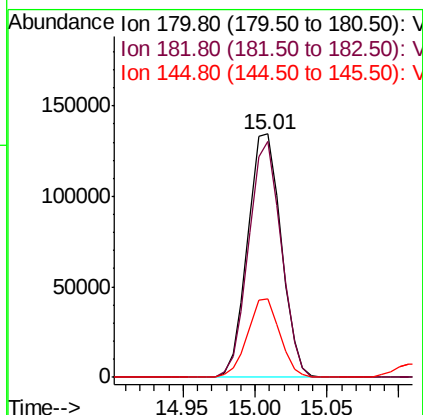
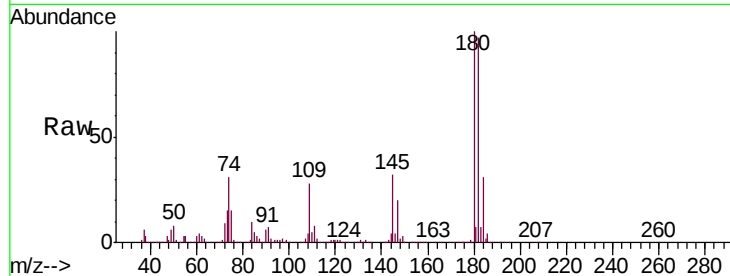




#93
 1,2,4-Trichlorobenzene
 Concen: 47.938 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.01 min
 Lab File: VY000869.D
 Acq: 04 Dec 2019 18:27

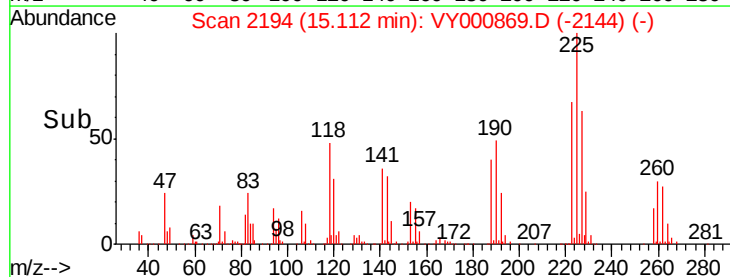
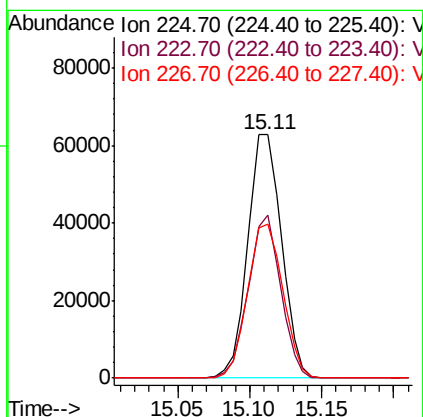
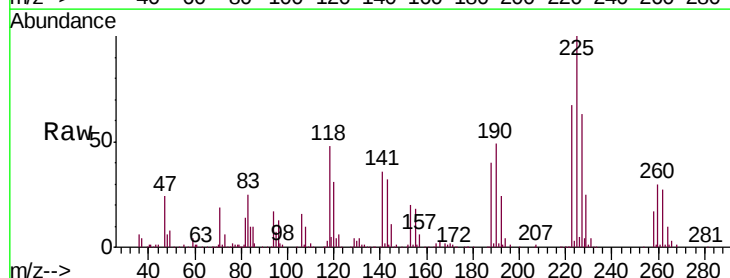
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

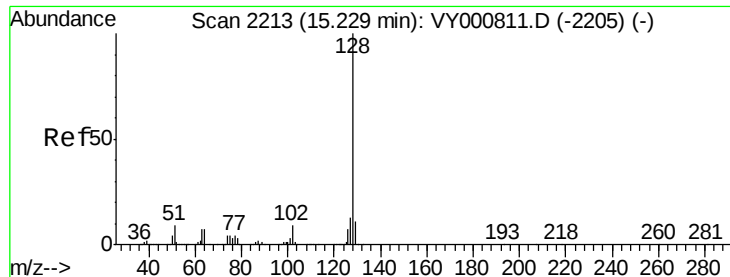
Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.0	47.3	141.9
145	31.2	16.0	47.9



#94
 Hexachlorobutadiene
 Concen: 45.658 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.01 min
 Lab File: VY000869.D
 Acq: 04 Dec 2019 18:27

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.3	31.4	94.3
227	65.6	31.8	95.3

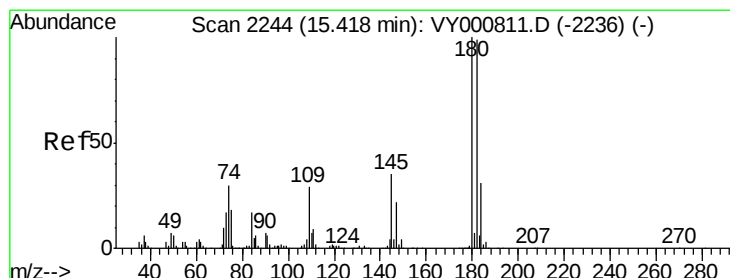
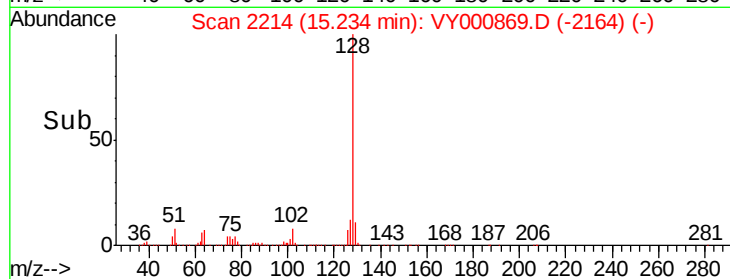
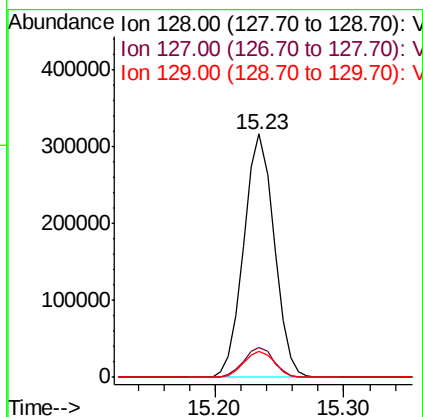
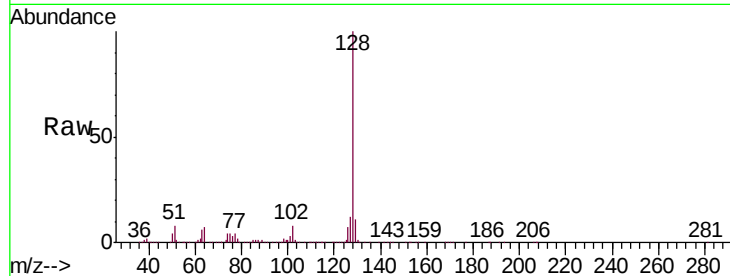




#95
Naphthalene
Concen: 49.010 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.01 min
Lab File: VY000869.D
Acq: 04 Dec 2019 18:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 513617
Ion Ratio Lower Upper
128 100
127 12.2 10.1 15.1
129 11.0 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 47.943 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. 0.01 min
Lab File: VY000869.D
Acq: 04 Dec 2019 18:27

Tgt Ion:180 Resp: 193278
Ion Ratio Lower Upper
180 100
182 96.2 48.0 144.0
145 33.3 16.9 50.6

