

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY120519\
 Data File : VY000871.D
 Acq On : 05 Dec 2019 10:25
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Dec 06 03:57:51 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	295539	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	509019	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	463159	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	217549	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.14	65	163161	51.96	ug/l	0.00
Spiked Amount			Recovery	=	103.92%	
35) Dibromofluoromethane	7.72	113	153514	51.75	ug/l	0.00
Spiked Amount			Recovery	=	103.50%	
50) Toluene-d8	10.18	98	656185	55.33	ug/l	0.00
Spiked Amount			Recovery	=	110.66%	
62) 4-Bromofluorobenzene	12.48	95	230216	51.69	ug/l	0.00
Spiked Amount			Recovery	=	103.38%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.90	85	148348	46.630	ug/l	99
3) Chloromethane	2.12	50	194703	49.649	ug/l	99
4) Vinyl Chloride	2.25	62	197791	51.176	ug/l	98
5) Bromomethane	2.65	94	125479	54.542	ug/l	93
6) Chloroethane	2.79	64	124140	52.387	ug/l	97
7) Trichlorofluoromethane	3.13	101	279274	52.726	ug/l	95
8) Diethyl Ether	3.53	74	103118	51.726	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.90	101	169555	51.837	ug/l	98
10) Methyl Iodide	4.09	142	210840	51.197	ug/l	99
11) Tert butyl alcohol	4.97	59	76091	240.838	ug/l #	74
12) 1,1-Dichloroethene	3.87	96	169533	52.318	ug/l	95
13) Acrolein	3.73	56	72928	234.325	ug/l	99
14) Allyl chloride	4.48	41	301882	54.332	ug/l	99
15) Acrylonitrile	5.17	53	257660	250.296	ug/l	99
16) Acetone	3.95	43	164786	228.745	ug/l	98
17) Carbon Disulfide	4.19	76	532973	50.855	ug/l	99
18) Methyl Acetate	4.48	43	153386	50.922	ug/l	100
19) Methyl tert-butyl Ether	5.22	73	451879	52.216	ug/l	96
20) Methylene Chloride	4.72	84	190370	50.133	ug/l	99
21) trans-1,2-Dichloroethene	5.22	96	195417	53.057	ug/l	99
22) Diisopropyl ether	6.13	45	626155	54.831	ug/l	98
23) Vinyl Acetate	6.07	43	1863885	268.476	ug/l	99
24) 1,1-Dichloroethane	6.02	63	332585	52.841	ug/l	99
25) 2-Butanone	6.99	43	334131	251.083	ug/l	97
26) 2,2-Dichloropropane	6.99	77	284425	53.691	ug/l	98
27) cis-1,2-Dichloroethene	6.99	96	214335	53.836	ug/l	99
28) Bromochloromethane	7.34	49	139071	59.849	ug/l	96
29) Tetrahydrofuran	7.35	42	226419	256.760	ug/l	98
30) Chloroform	7.52	83	322819	51.127	ug/l	98
31) Cyclohexane	7.79	56	344169	51.617	ug/l	98
32) 1,1,1-Trichloroethane	7.71	97	278021	53.324	ug/l	100
36) 1,1-Dichloropropene	7.92	75	270187	53.384	ug/l	99
37) Ethyl Acetate	7.08	43	144158	49.329	ug/l	100
38) Carbon Tetrachloride	7.91	117	246260	54.636	ug/l	94

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39) Methylcyclohexane	9.18	83	352831	52.618	ug/l	98
40) Benzene	8.16	78	798724	54.179	ug/l	99
41) Methacrylonitrile	7.35	41	202473	131.454	ug/l #	32
42) 1,2-Dichloroethane	8.24	62	204099	52.643	ug/l	98
43) Isopropyl Acetate	8.28	43	278294	50.533	ug/l	100
44) Trichloroethene	8.94	130	207136	54.671	ug/l	94
45) 1,2-Dichloropropane	9.22	63	203461	54.944	ug/l	98
46) Dibromomethane	9.31	93	104131	53.820	ug/l	100
47) Bromodichloromethane	9.50	83	249544	54.903	ug/l	97
48) Methyl methacrylate	9.30	41	125666	51.892	ug/l	97
49) 1,4-Dioxane	9.30	88	27127	989.509	ug/l	93
51) 4-Methyl-2-Pentanone	10.07	43	740107	260.103	ug/l	99
52) Toluene	10.24	92	506649	55.506	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	274474	56.208	ug/l	98
54) cis-1,3-Dichloropropene	9.93	75	316742	54.877	ug/l	99
55) 1,1,2-Trichloroethane	10.64	97	154738	54.132	ug/l	94
56) Ethyl methacrylate	10.51	69	225615	55.173	ug/l	98
57) 1,3-Dichloropropane	10.79	76	269255	54.044	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	387080	234.760	ug/l	99
59) 2-Hexanone	10.83	43	575755	277.686	ug/l	100
60) Dibromochloromethane	10.99	129	170667	55.461	ug/l	98
61) 1,2-Dibromoethane	11.09	107	144612	53.679	ug/l	100
64) Tetrachloroethene	10.72	164	213459	53.046	ug/l	98
65) Chlorobenzene	11.52	112	512611	53.245	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	176231	54.317	ug/l	99
67) Ethyl Benzene	11.59	91	969164	54.053	ug/l	100
68) m/p-Xylenes	11.70	106	726148	107.898	ug/l	99
69) o-Xylene	12.03	106	339659	54.129	ug/l	99
70) Styrene	12.04	104	593521	55.239	ug/l	99
71) Bromoform	12.20	173	99248	54.237	ug/l #	99
73) Isopropylbenzene	12.33	105	924242	53.357	ug/l	100
74) N-amyl acetate	12.14	43	250155	51.886	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	175240	51.345	ug/l	97
76) 1,2,3-Trichloropropane	12.63	75	242655	98.448	ug/l #	100
77) Bromobenzene	12.61	156	199382	53.102	ug/l	99
78) n-propylbenzene	12.67	91	1124753	53.180	ug/l	99
79) 2-Chlorotoluene	12.75	91	618482	52.932	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	762993	53.200	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	67019	53.410	ug/l	98
82) 4-Chlorotoluene	12.85	91	640117	53.175	ug/l	100
83) tert-Butylbenzene	13.07	119	642254	53.264	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	757306	52.778	ug/l	100
85) sec-Butylbenzene	13.25	105	936254	53.389	ug/l	99
86) p-Isopropyltoluene	13.37	119	816716	53.545	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	383363	52.047	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	389945	53.467	ug/l	100
89) n-Butylbenzene	13.69	91	832125	53.959	ug/l	100
90) Hexachloroethane	13.96	117	155212	55.240	ug/l	99
91) 1,2-Dichlorobenzene	13.73	146	351982	53.126	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	28990	50.736	ug/l	98

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QLast Update : Wed Nov 27 12:40:47 2019
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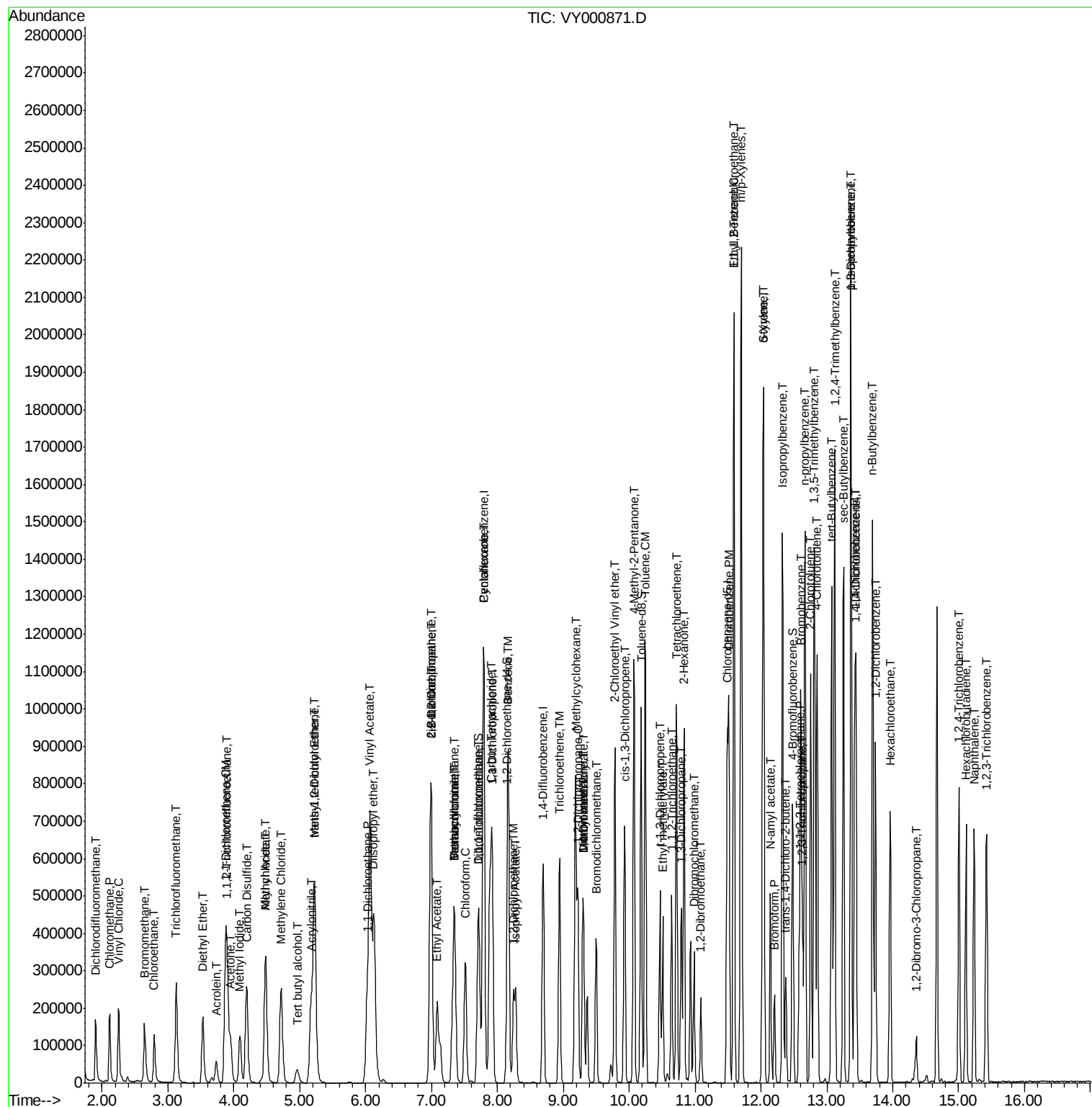
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	240447	53.633	ug/l	99
94) Hexachlorobutadiene	15.11	225	118458	53.293	ug/l	99
95) Naphthalene	15.23	128	540899	51.960	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	209502	52.316	ug/l	99

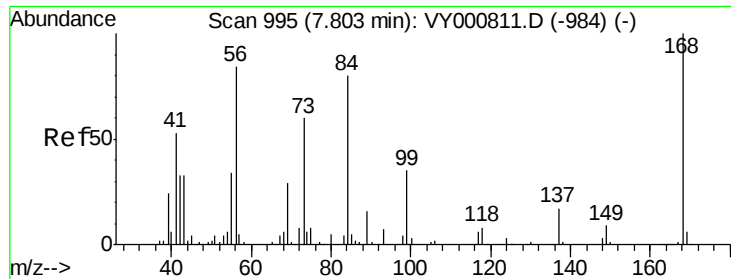
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY120519\
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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY000871.D

Acq: 05 Dec 2019 10:25

Instrument :

MSVOA_Y

ClientSampleId :

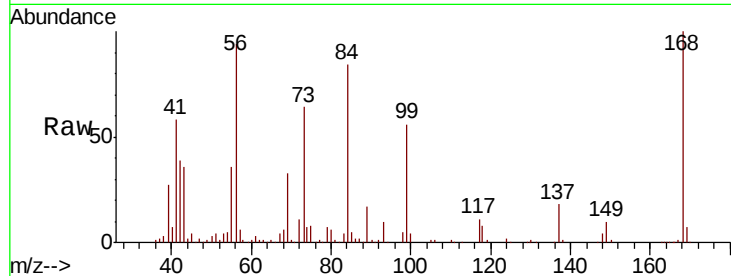
VSTDCCC050

Tot Ion:168 Resp: 295539

Ion Ratio Lower Upper

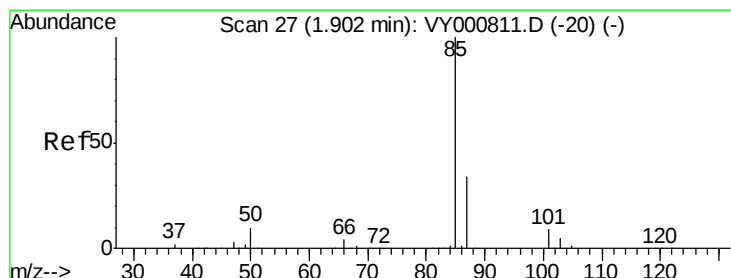
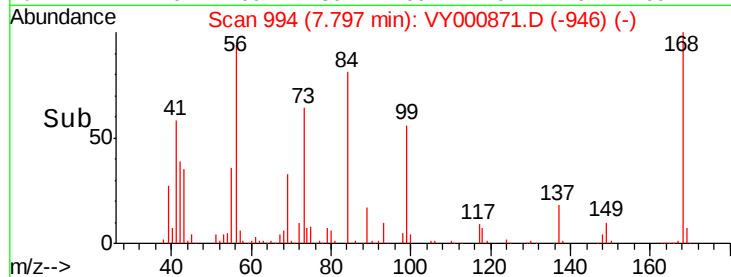
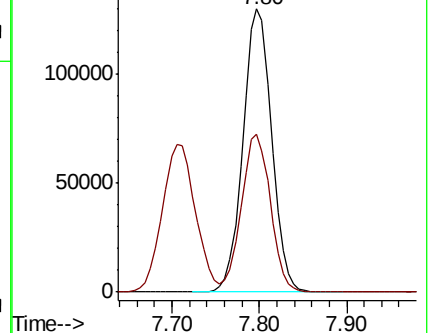
168 100

99 55.7 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): VY000871.D (-984) (-)

Ion 98.90 (98.60 to 99.60): VY000871.D (-984) (-)



#2

Dichlorodifluoromethane

Concen: 46.630 ug/l

RT: 1.90 min Scan# 27

Delta R.T. -0.00 min

Lab File: VY000871.D

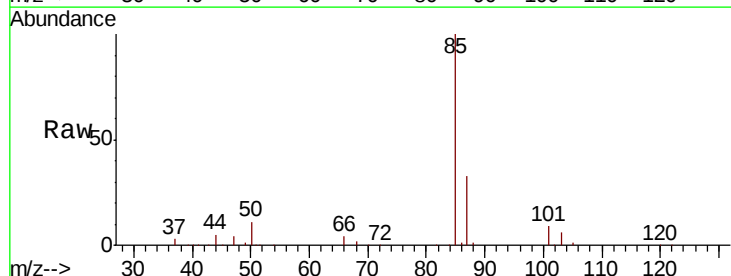
Acq: 05 Dec 2019 10:25

Tgt Ion: 85 Resp: 148348

Ion Ratio Lower Upper

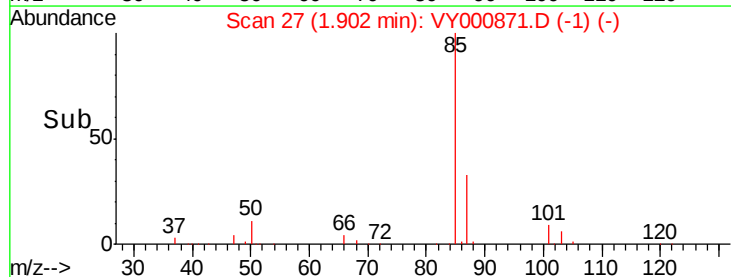
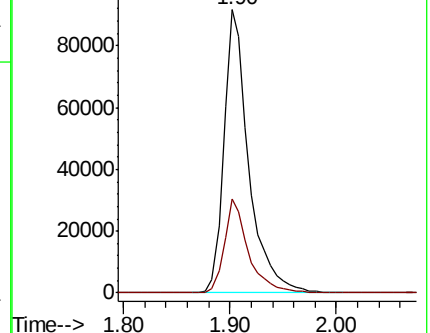
85 100

87 33.0 16.8 50.3



Abundance Ion 84.90 (84.60 to 85.60): VY000871.D (-20) (-)

Ion 86.90 (86.60 to 87.60): VY000871.D (-20) (-)





#3

Chloromethane

Concen: 49.649 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY000871.D

Acq: 05 Dec 2019 10:25

Instrument :

MSVOA_Y

ClientSampleId :

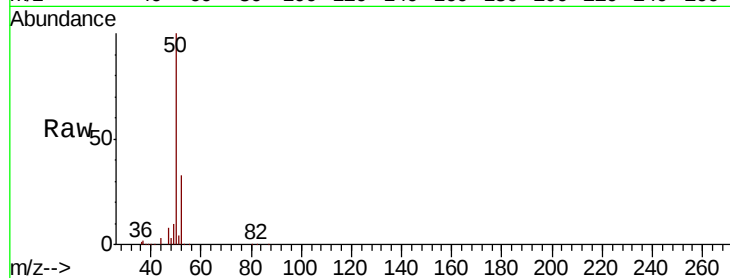
VSTDCCC050

Tot Ion: 50 Resp: 194703

Ion Ratio Lower Upper

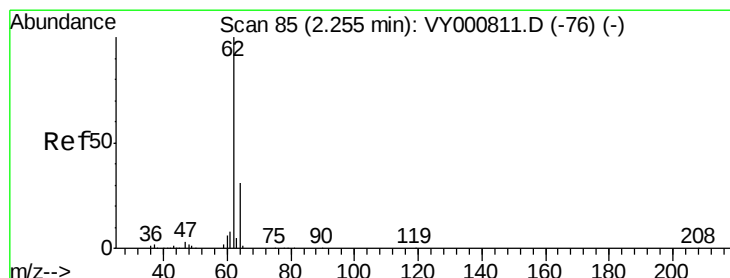
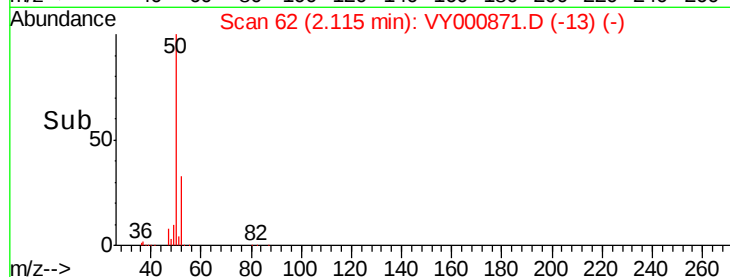
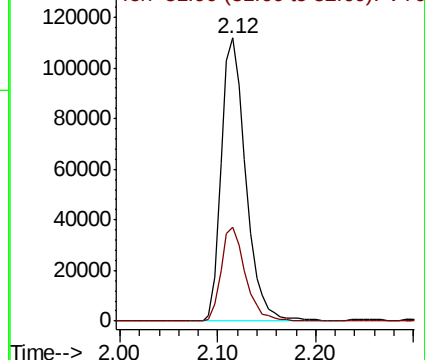
50 100

52 33.1 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: 51.176 ug/l

RT: 2.25 min Scan# 84

Delta R.T. -0.01 min

Lab File: VY000871.D

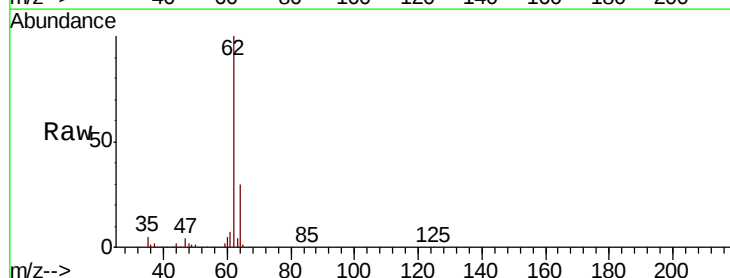
Acq: 05 Dec 2019 10:25

Tgt Ion: 62 Resp: 197791

Ion Ratio Lower Upper

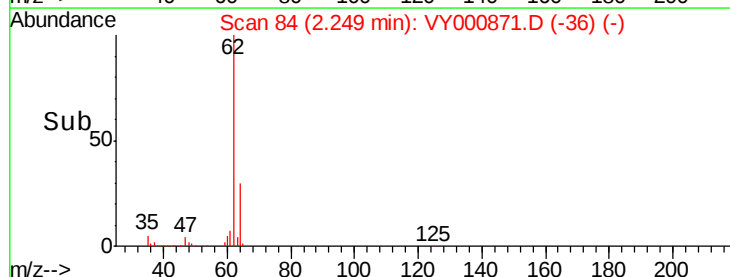
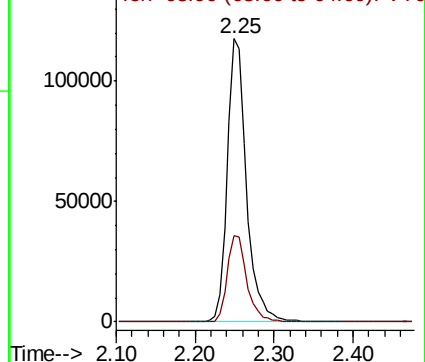
62 100

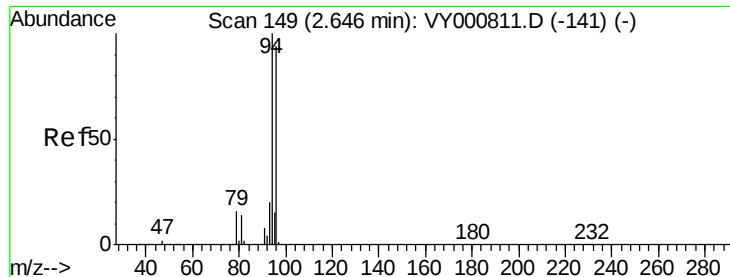
64 30.4 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 54.542 ug/l

RT: 2.65 min Scan# 149

Delta R.T. 0.00 min

Lab File: VY000871.D

Acq: 05 Dec 2019 10:25

Instrument :

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ClientSampleId :

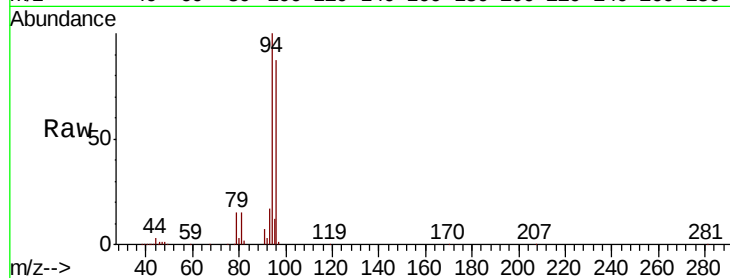
VSTDCCC050

Tot Ion: 94 Resp: 125479

Ion Ratio Lower Upper

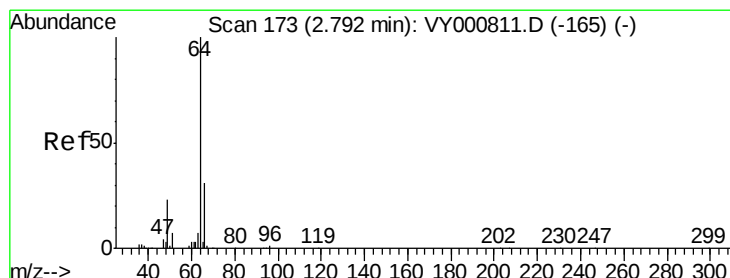
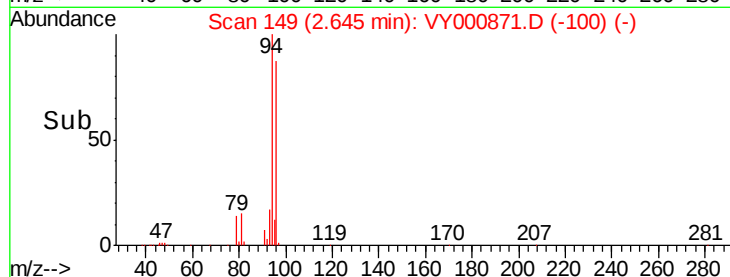
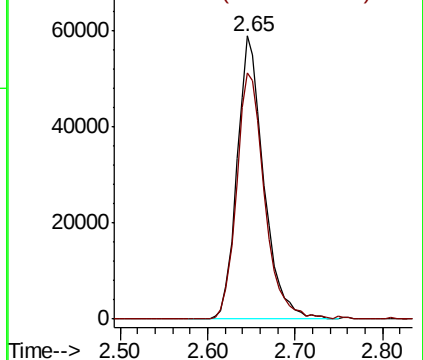
94 100

96 87.2 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: 52.387 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.00 min

Lab File: VY000871.D

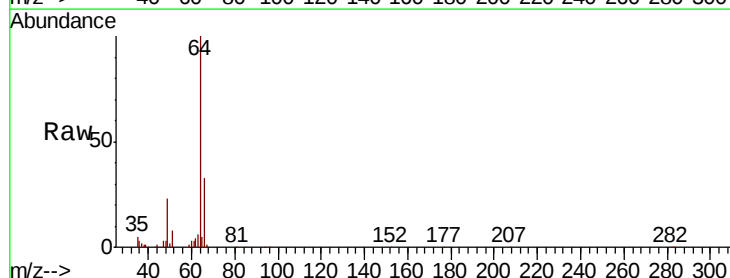
Acq: 05 Dec 2019 10:25

Tgt Ion: 64 Resp: 124140

Ion Ratio Lower Upper

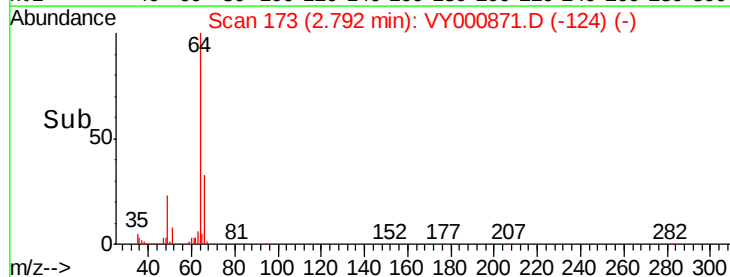
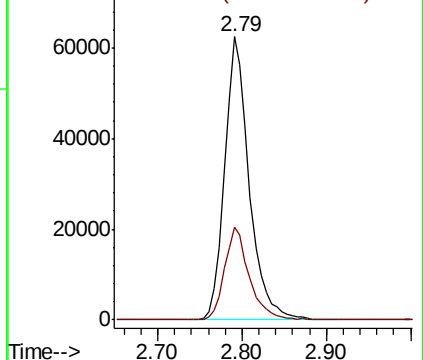
64 100

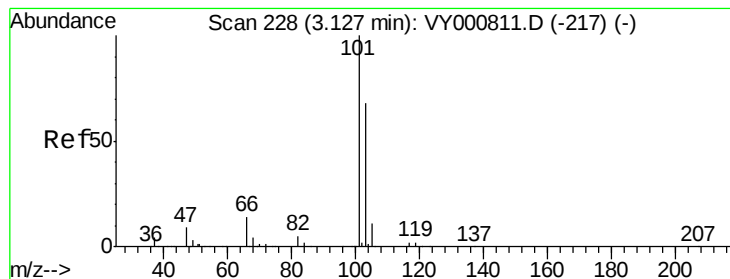
66 33.0 25.0 37.4



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



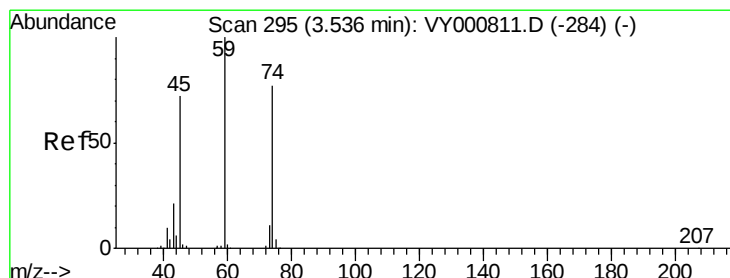
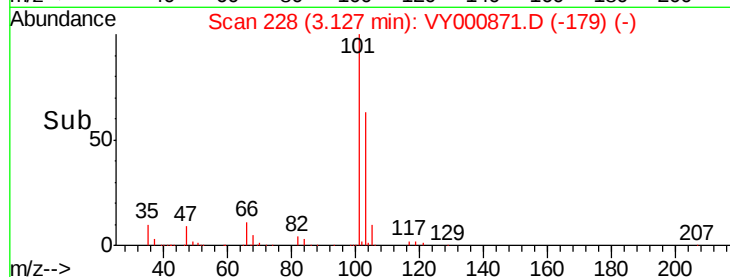
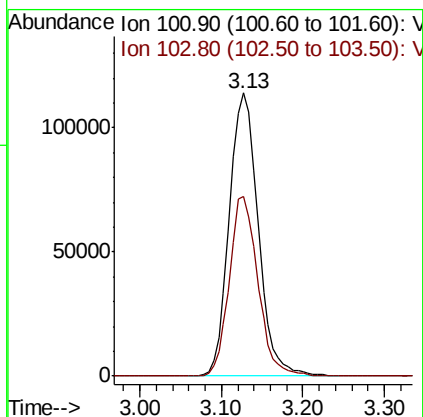
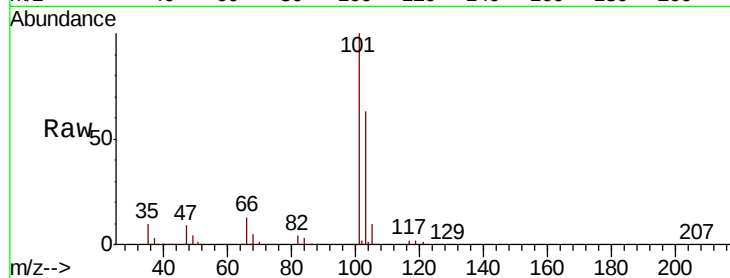


#7

Trichlorofluoromethane
 Concen: 52.726 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. -0.00 min
 Lab File: VY000871.D
 Acq: 05 Dec 2019 10:25

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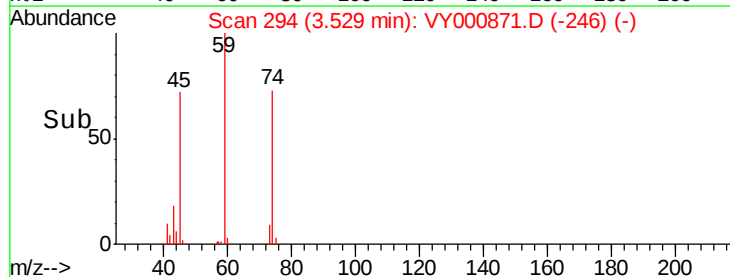
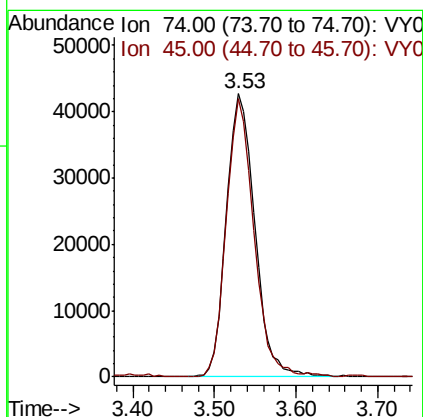
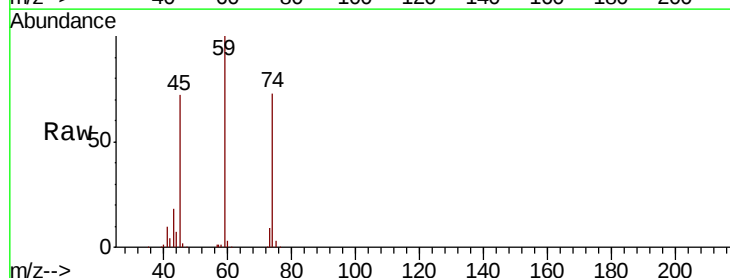
Tot Ion:101 Resp: 279274
 Ion Ratio Lower Upper
 101 100
 103 63.4 54.2 81.2

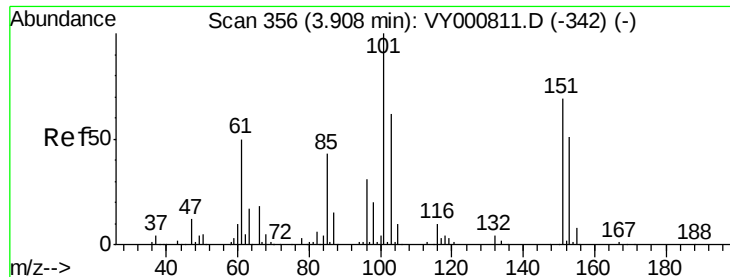


#8

Diethyl Ether
 Concen: 51.726 ug/l
 RT: 3.53 min Scan# 294
 Delta R.T. -0.01 min
 Lab File: VY000871.D
 Acq: 05 Dec 2019 10:25

Tgt Ion: 74 Resp: 103118
 Ion Ratio Lower Upper
 74 100
 45 94.8 49.0 147.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.837 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.01 min

Lab File: VY000871.D

Acq: 05 Dec 2019 10:25

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MSVOA_Y

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VSTDCCC050

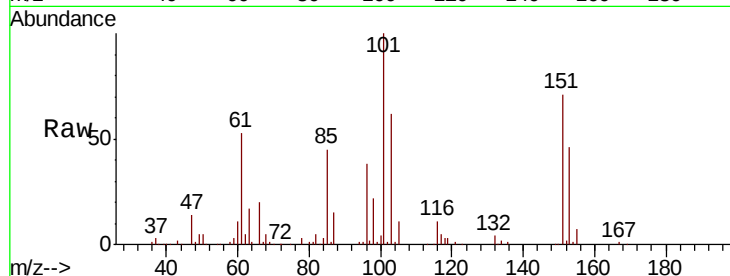
Tot Ion:101 Resp: 169555

Ion Ratio Lower Upper

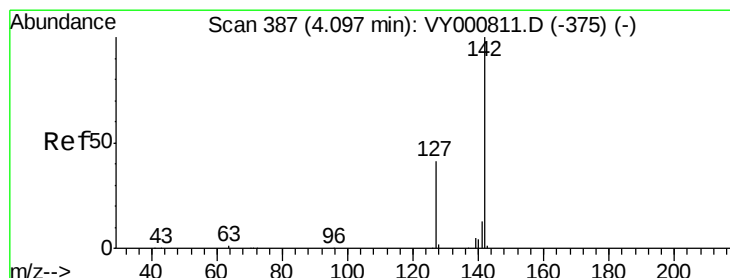
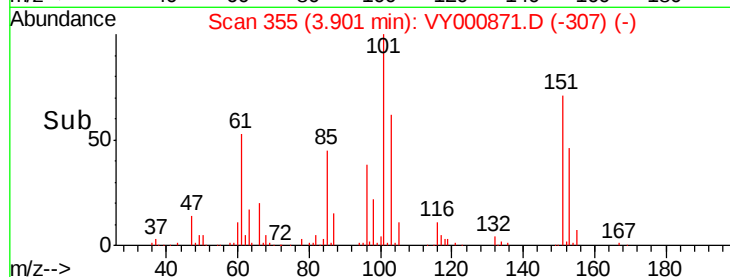
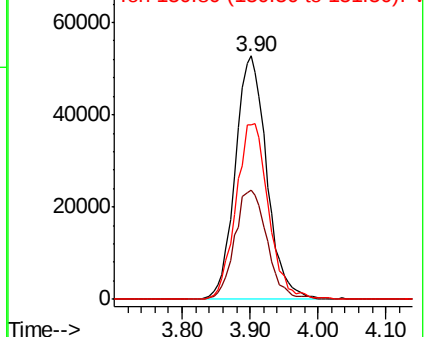
101 100

85 46.0 36.0 54.0

151 74.4 58.2 87.2



Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): VY0
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 51.197 ug/l

RT: 4.09 min Scan# 386

Delta R.T. -0.01 min

Lab File: VY000871.D

Acq: 05 Dec 2019 10:25

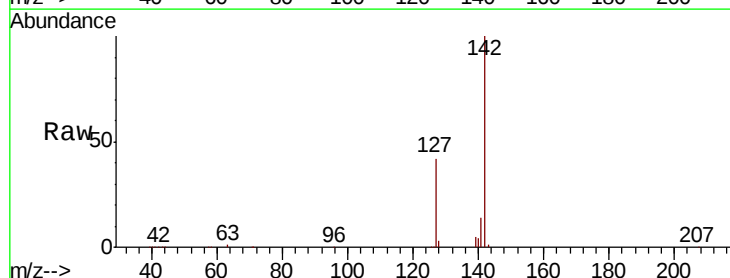
Tgt Ion:142 Resp: 210840

Ion Ratio Lower Upper

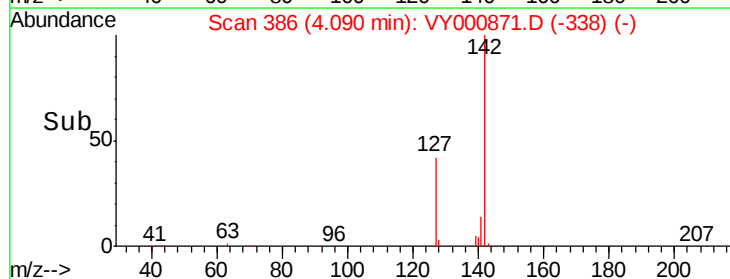
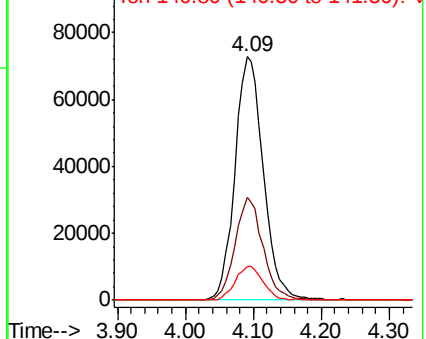
142 100

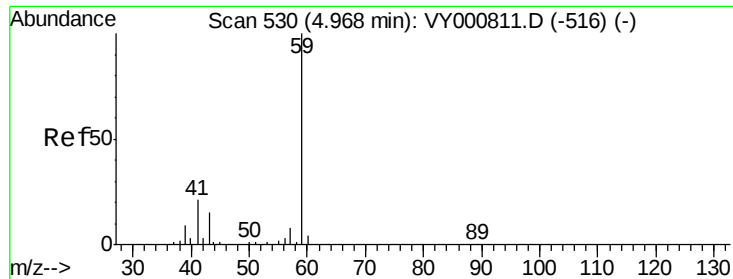
127 41.2 33.8 50.8

141 13.7 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



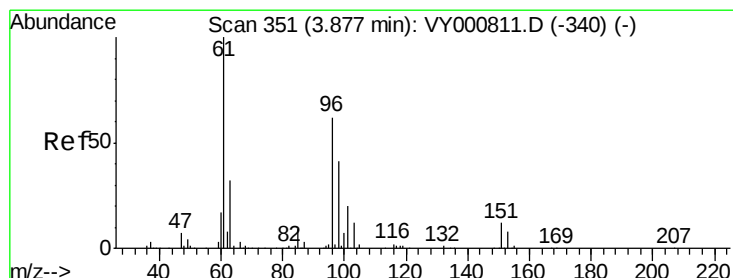
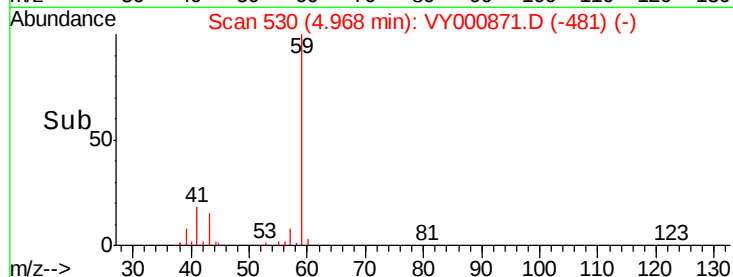
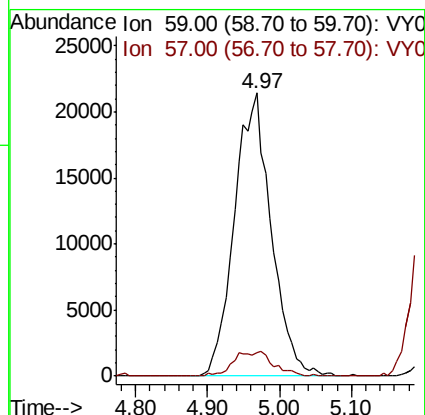
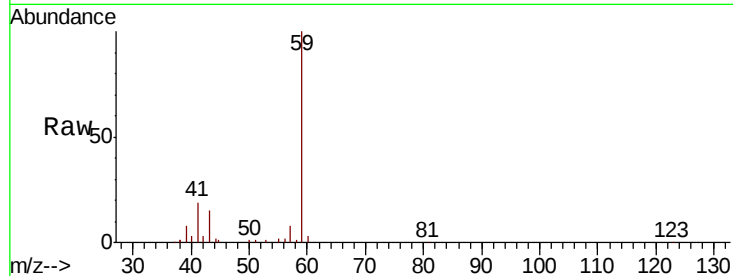


#11

Tert butyl alcohol
 Concen: 240.838 ug/l
 RT: 4.97 min Scan# 530
 Delta R.T. -0.00 min
 Lab File: VY000871.D
 Acq: 05 Dec 2019 10:25

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

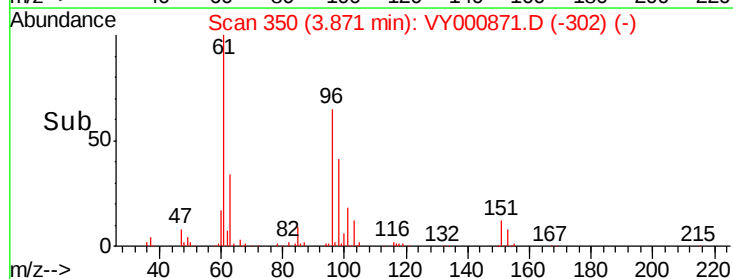
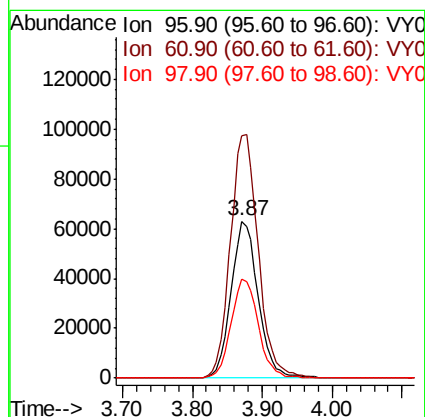
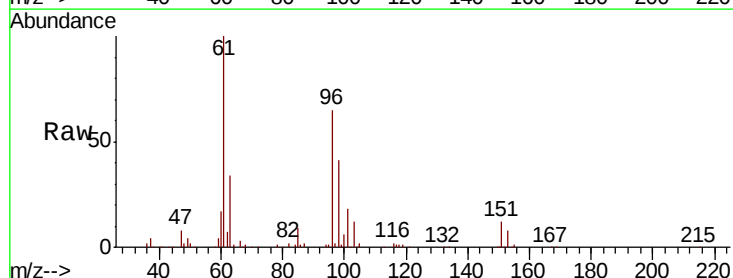
Tot Ion: 59 Resp: 76091
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.8 11.6#

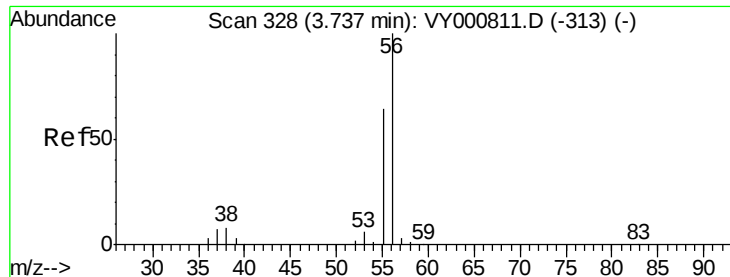


#12

1,1-Dichloroethene
 Concen: 52.318 ug/l
 RT: 3.87 min Scan# 350
 Delta R.T. -0.01 min
 Lab File: VY000871.D
 Acq: 05 Dec 2019 10:25

Tgt Ion: 96 Resp: 169533
 Ion Ratio Lower Upper
 96 100
 61 154.2 129.4 194.2
 98 63.2 53.4 80.0

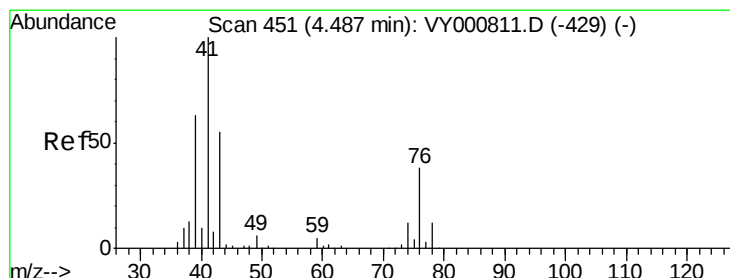
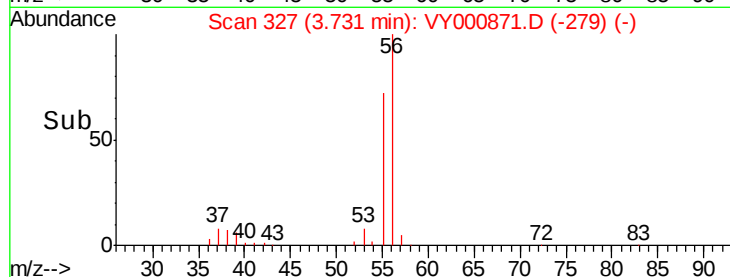
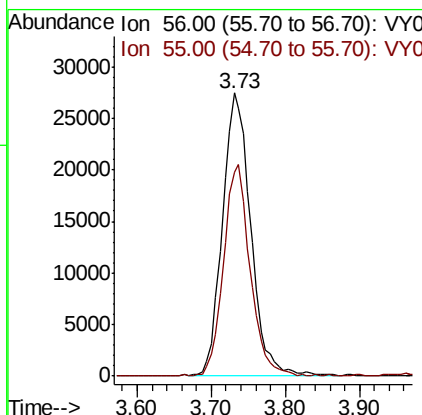
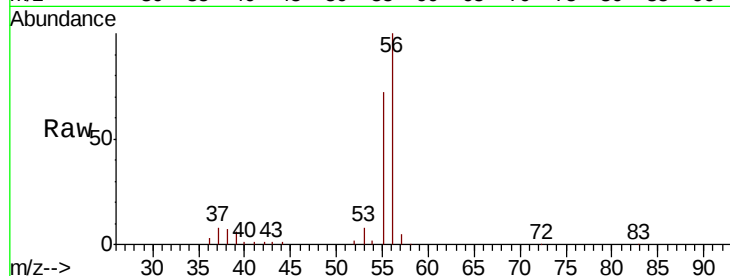




#13
 Acrolein
 Concen: 234.325 ug/l
 RT: 3.73 min Scan# 327
 Delta R.T. -0.01 min
 Lab File: VY000871.D
 Acq: 05 Dec 2019 10:25

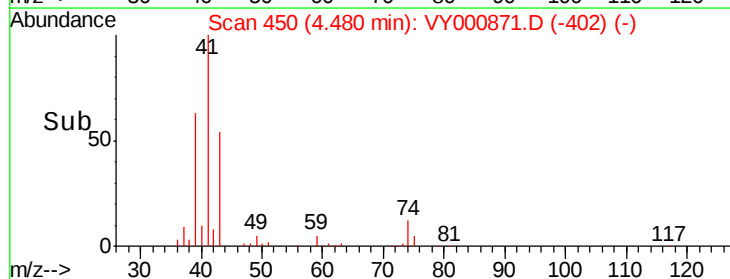
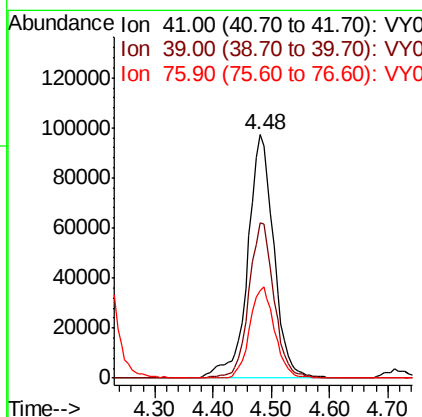
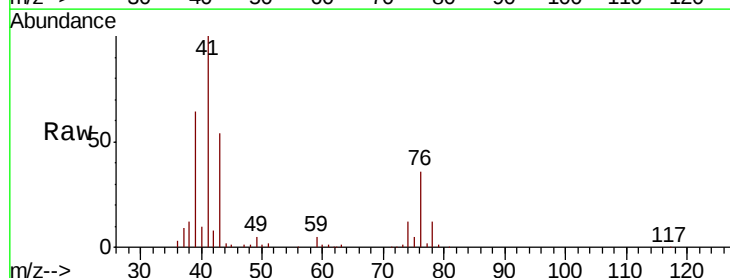
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

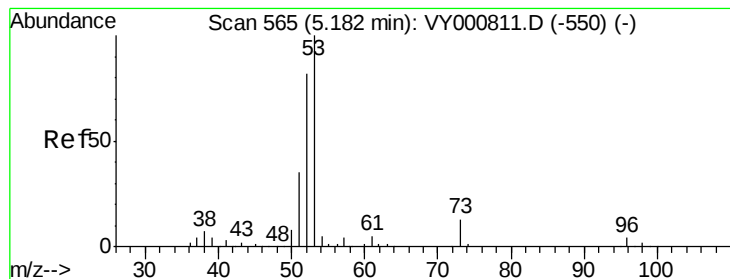
Tot Ion: 56 Resp: 72928
 Ion Ratio Lower Upper
 56 100
 55 70.2 55.7 83.5



#14
 Allyl chloride
 Concen: 54.332 ug/l
 RT: 4.48 min Scan# 450
 Delta R.T. -0.01 min
 Lab File: VY000871.D
 Acq: 05 Dec 2019 10:25

Tgt Ion: 41 Resp: 301882
 Ion Ratio Lower Upper
 41 100
 39 61.8 49.2 73.8
 76 35.6 29.2 43.8





#15

Acrylonitrile

Concen: 250.296 ug/l

RT: 5.17 min Scan# 563

Delta R.T. -0.01 min

Lab File: VY000871.D

Acq: 05 Dec 2019 10:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

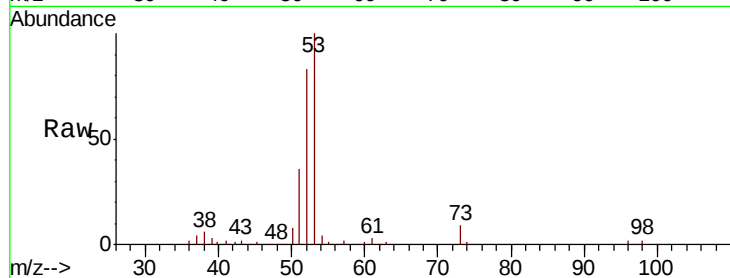
Tot Ion: 53 Resp: 257660

Ion Ratio Lower Upper

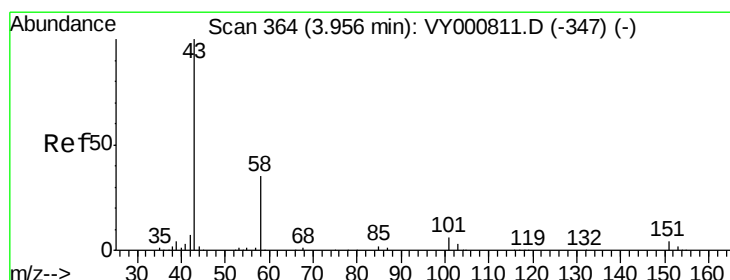
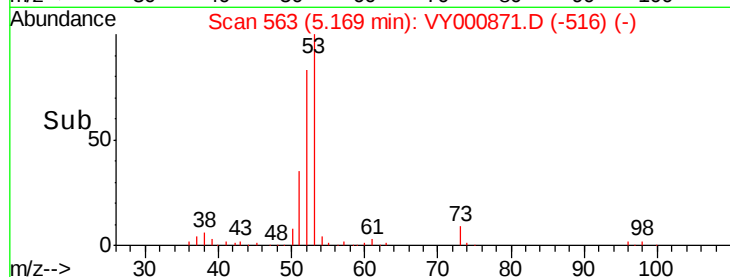
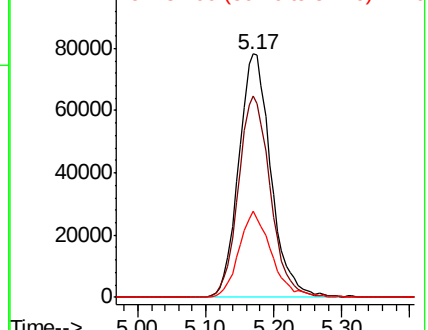
53 100

52 82.0 65.1 97.7

51 35.6 29.0 43.4



Abundance Ion 53.00 (52.70 to 53.70): VY0
Ion 52.00 (51.70 to 52.70): VY0
Ion 51.00 (50.70 to 51.70): VY0



#16

Acetone

Concen: 228.745 ug/l

RT: 3.95 min Scan# 363

Delta R.T. -0.01 min

Lab File: VY000871.D

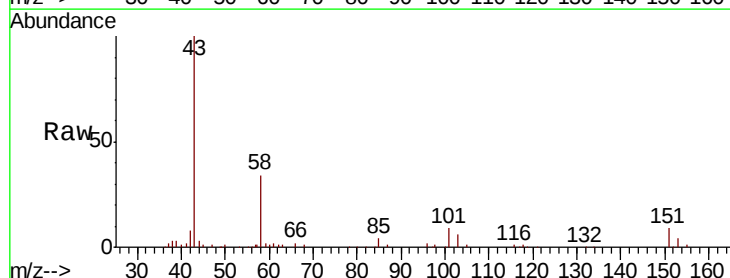
Acq: 05 Dec 2019 10:25

Tgt Ion: 43 Resp: 164786

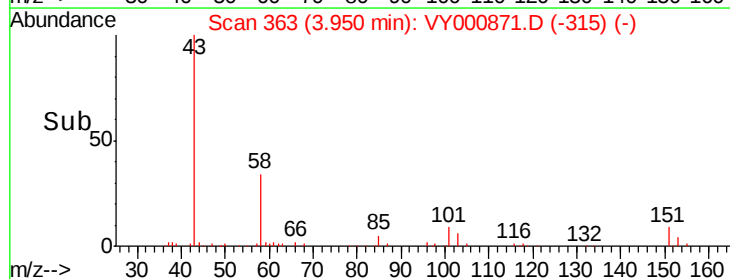
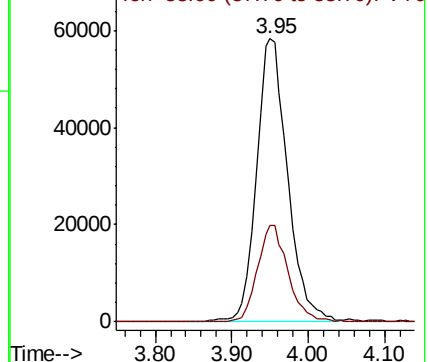
Ion Ratio Lower Upper

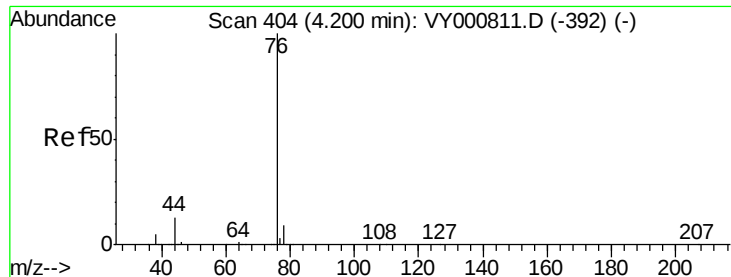
43 100

58 33.8 28.0 42.0



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

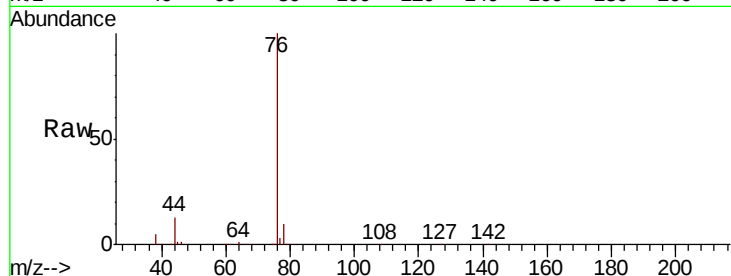




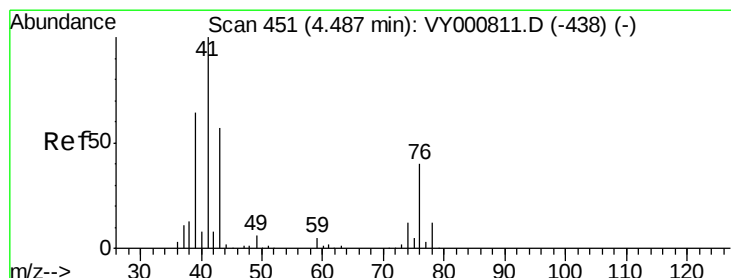
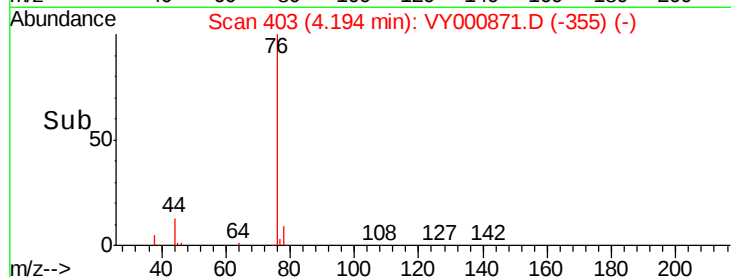
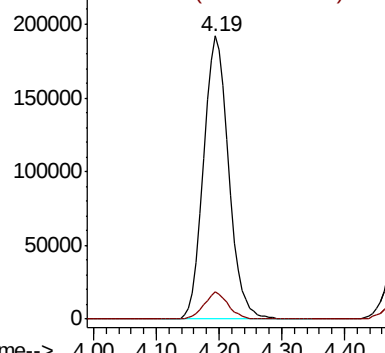
#17
Carbon Disulfide
Concen: 50.855 ug/l
RT: 4.19 min Scan# 403
Delta R.T. -0.01 min
Lab File: VY000871.D
Acq: 05 Dec 2019 10:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 76 Resp: 532973
Ion Ratio Lower Upper
76 100
78 9.6 7.3 10.9

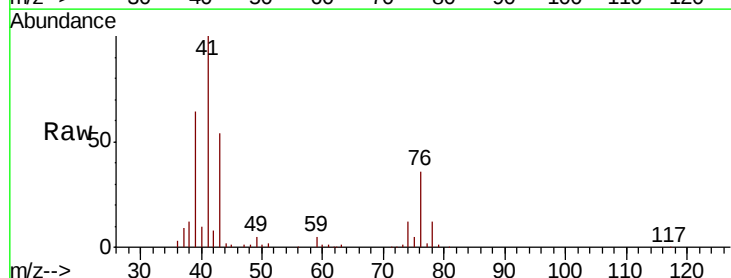


Abundance Ion 75.90 (75.60 to 76.60): VY0
Ion 77.90 (77.60 to 78.60): VY0

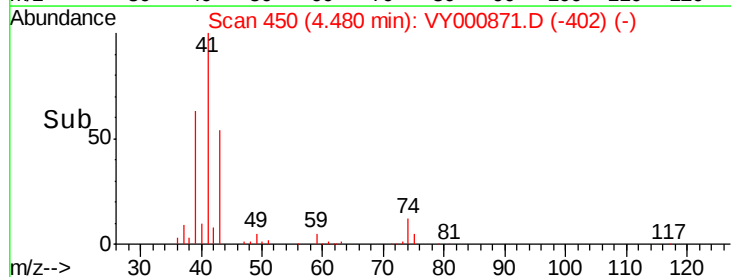
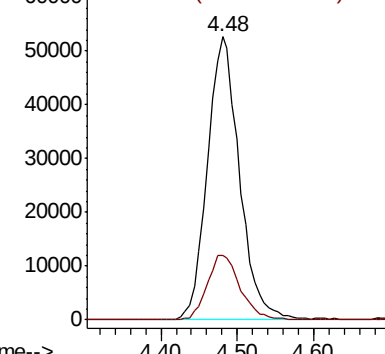


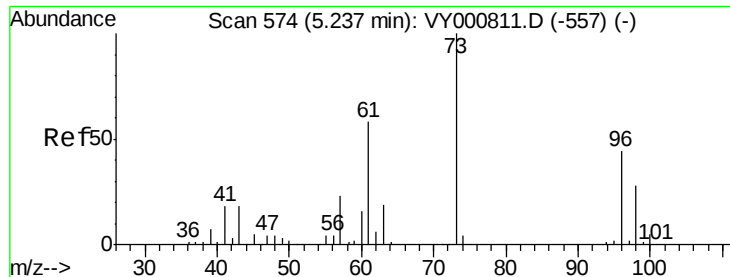
#18
Methyl Acetate
Concen: 50.922 ug/l
RT: 4.48 min Scan# 450
Delta R.T. -0.01 min
Lab File: VY000871.D
Acq: 05 Dec 2019 10:25

Tgt Ion: 43 Resp: 153386
Ion Ratio Lower Upper
43 100
74 23.3 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 74.00 (73.70 to 74.70): VY0

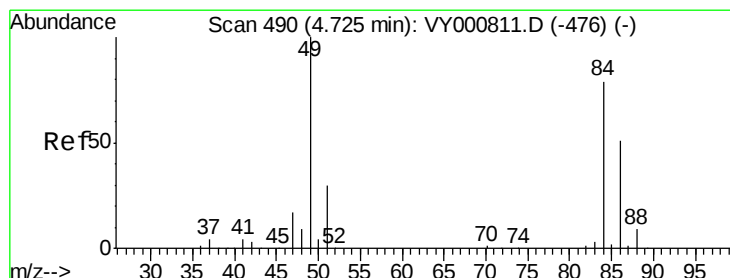
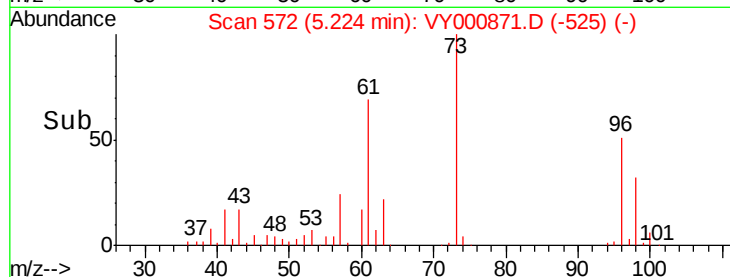
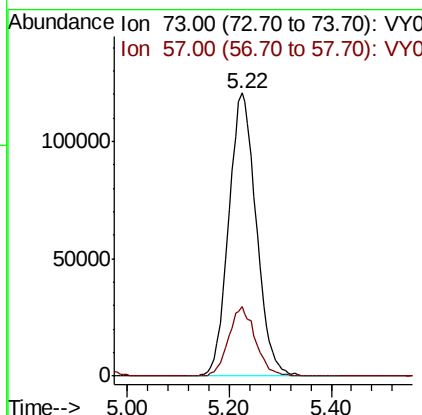
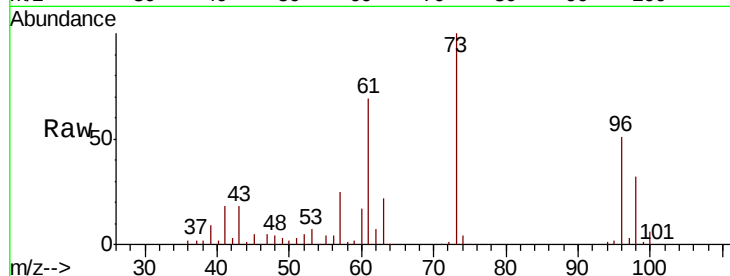




#19
Methyl tert-butyl Ether
Concen: 52.216 ug/l
RT: 5.22 min Scan# 572
Delta R.T. -0.01 min
Lab File: VY000871.D
Acq: 05 Dec 2019 10:25

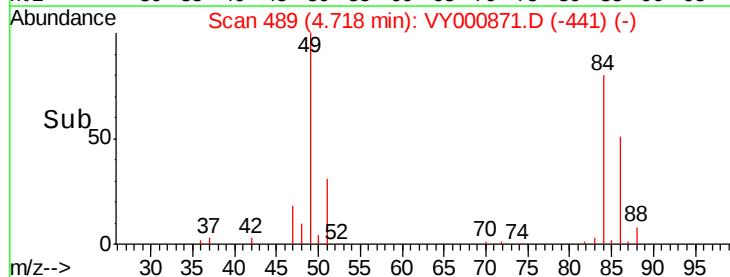
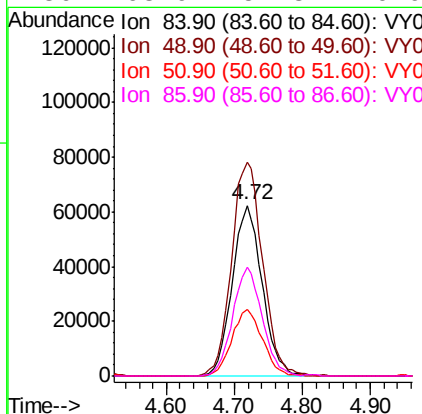
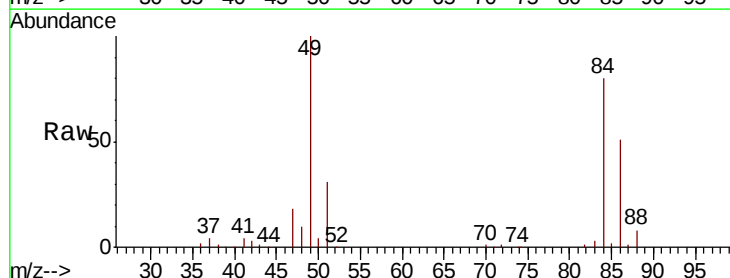
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

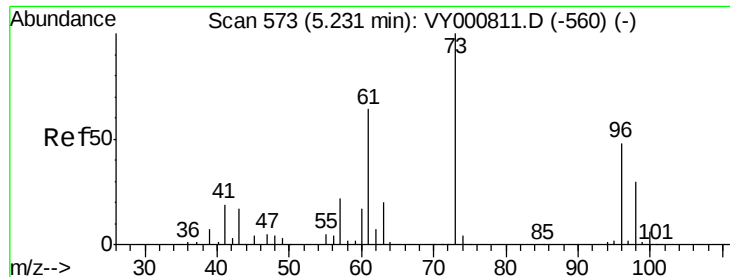
Tot Ion: 73 Resp: 451879
Ion Ratio Lower Upper
73 100
57 24.8 18.2 27.4



#20
Methylene Chloride
Concen: 50.133 ug/l
RT: 4.72 min Scan# 489
Delta R.T. -0.01 min
Lab File: VY000871.D
Acq: 05 Dec 2019 10:25

Tgt Ion: 84 Resp: 190370
Ion Ratio Lower Upper
84 100
49 125.5 101.3 151.9
51 39.3 30.6 45.8
86 63.9 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 53.057 ug/l

RT: 5.22 min Scan# 572

Delta R.T. -0.01 min

Lab File: VY000871.D

Acq: 05 Dec 2019 10:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

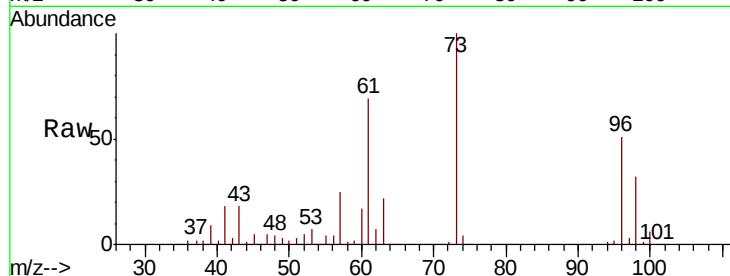
Tot Ion: 96 Resp: 195417

Ion Ratio Lower Upper

96 100

61 134.0 105.9 158.9

98 62.6 49.4 74.2

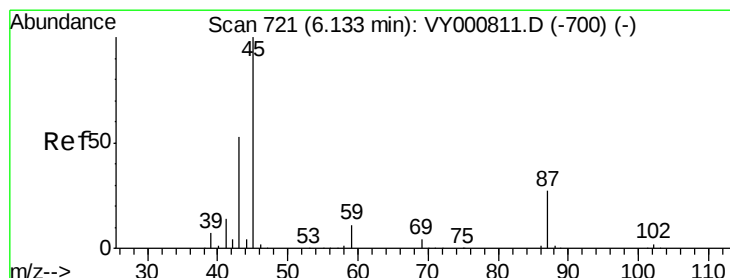
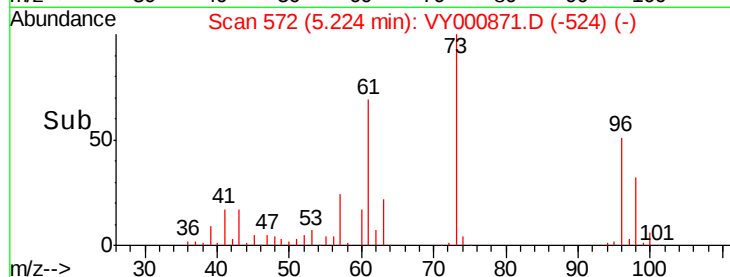
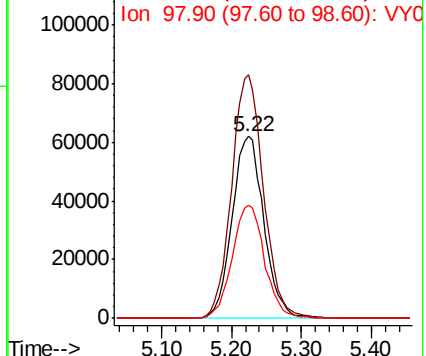


Abundance

Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 97.90 (97.60 to 98.60): VY0



#22

Diisopropyl ether

Concen: 54.831 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.01 min

Lab File: VY000871.D

Acq: 05 Dec 2019 10:25

Tgt Ion: 45 Resp: 626155

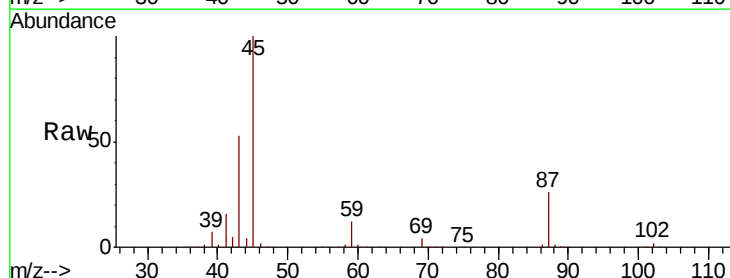
Ion Ratio Lower Upper

45 100

43 52.7 42.7 64.1

87 25.6 22.0 33.0

59 11.6 8.9 13.3



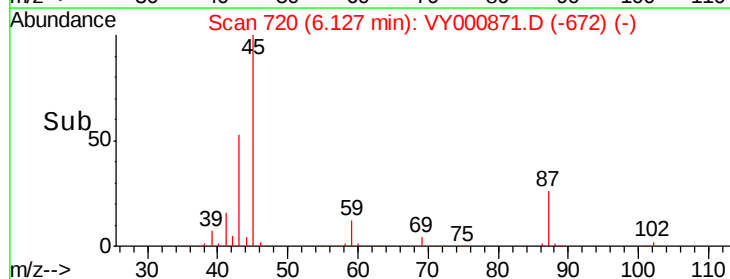
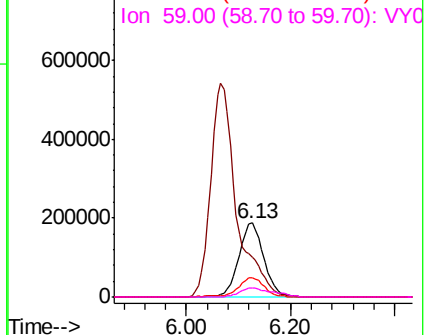
Abundance

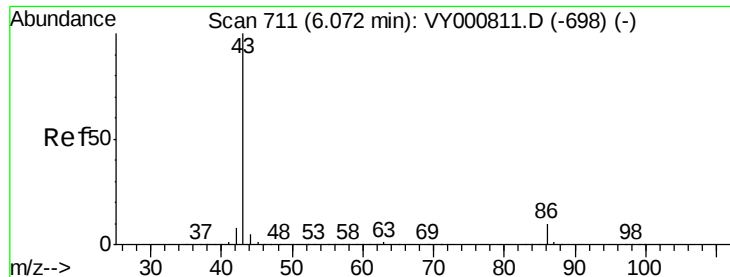
Ion 45.00 (44.70 to 45.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 87.00 (86.70 to 87.70): VY0

Ion 59.00 (58.70 to 59.70): VY0





#23

Vinyl Acetate

Concen: 268.476 ug/l

RT: 6.07 min Scan# 710

Delta R.T. -0.01 min

Lab File: VY000871.D

Acq: 05 Dec 2019 10:25

Instrument :

MSVOA_Y

ClientSampleId :

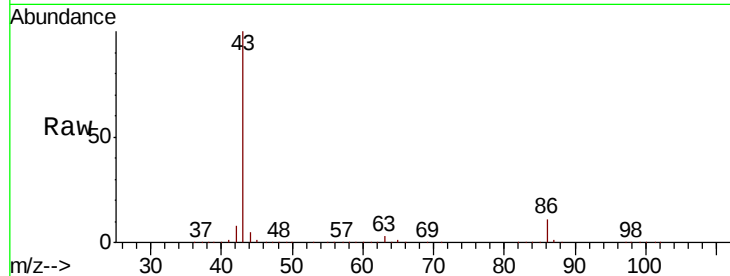
VSTDCCC050

Tot Ion: 43 Resp: 1863885

Ion Ratio Lower Upper

43 100

86 10.8 8.3 12.5



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

6.07

600000

500000

400000

300000

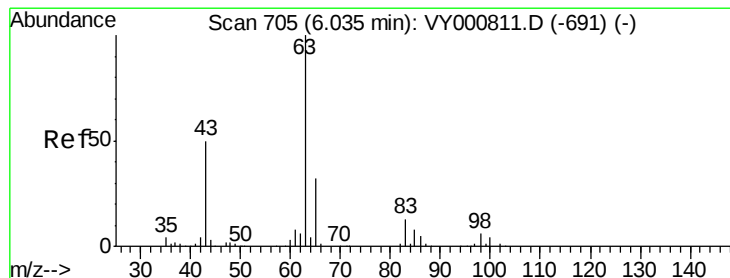
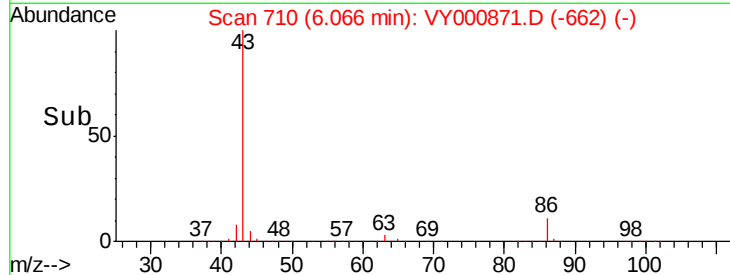
200000

100000

0

Time-->

5.90 6.00 6.10 6.20 6.30



#24

1,1-Dichloroethane

Concen: 52.841 ug/l

RT: 6.02 min Scan# 703

Delta R.T. -0.01 min

Lab File: VY000871.D

Acq: 05 Dec 2019 10:25

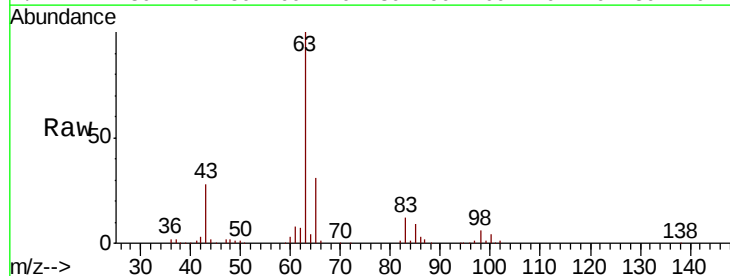
Tgt Ion: 63 Resp: 332585

Ion Ratio Lower Upper

63 100

98 5.8 3.3 9.8

100 4.3 2.2 6.6



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0

6.02

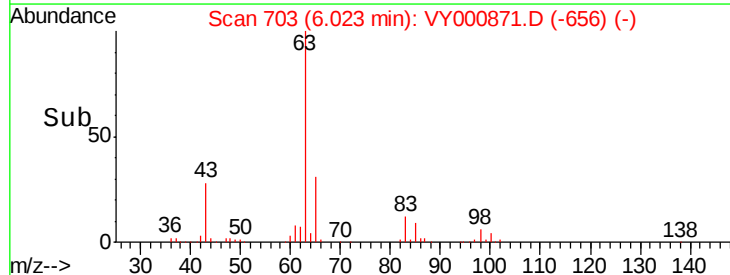
100000

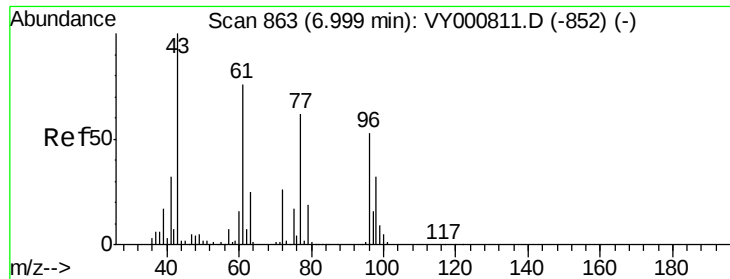
50000

0

Time-->

5.90 6.00 6.10 6.20





#25

2-Butanone

Concen: 251.083 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.01 min

Lab File: VY000871.D

Acq: 05 Dec 2019 10:25

Instrument :

MSVOA_Y

ClientSampleId :

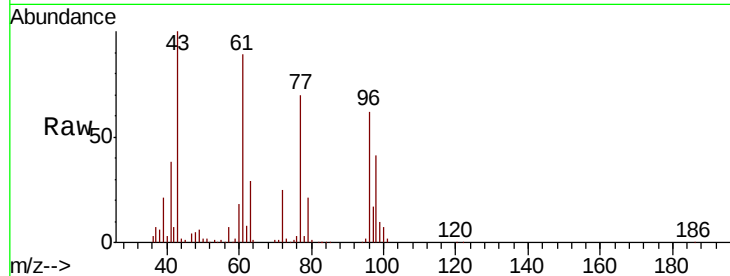
VSTDCCC050

Tot Ion: 43 Resp: 334131

Ion Ratio Lower Upper

43 100

72 24.6 21.0 31.4



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0

150000

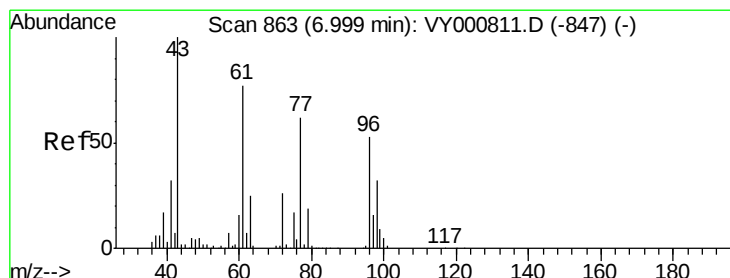
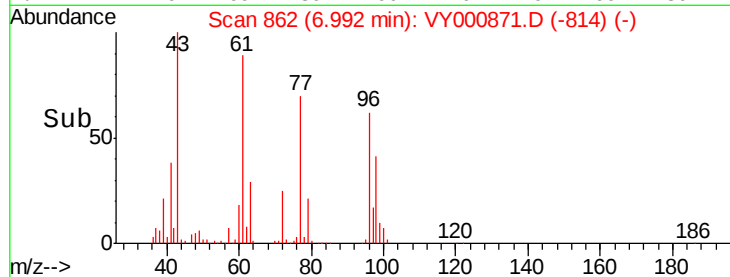
100000

50000

0

6.90 6.95 7.00 7.05

Time-->



#26

2,2-Dichloropropane

Concen: 53.691 ug/l

RT: 6.99 min Scan# 861

Delta R.T. -0.01 min

Lab File: VY000871.D

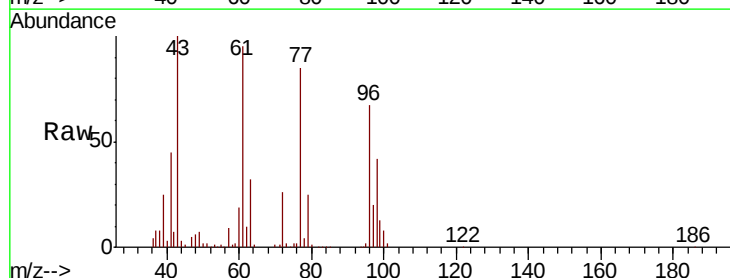
Acq: 05 Dec 2019 10:25

Tgt Ion: 77 Resp: 284425

Ion Ratio Lower Upper

77 100

97 23.1 11.9 35.9



Abundance Ion 76.90 (76.60 to 77.60): VY0

Ion 96.90 (96.60 to 97.60): VY0

100000

80000

60000

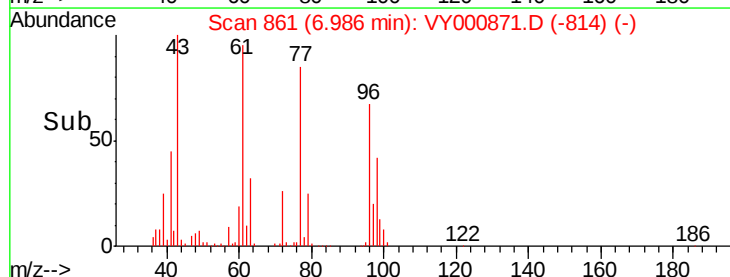
40000

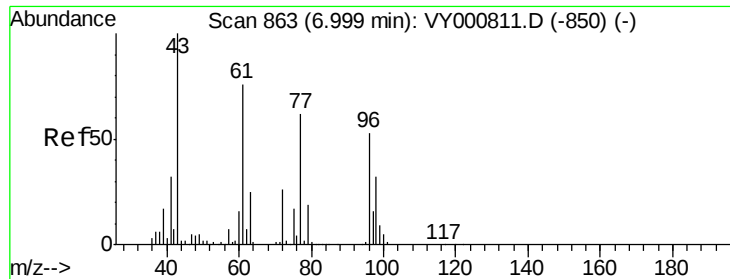
20000

0

6.90 7.00 7.10

Time-->



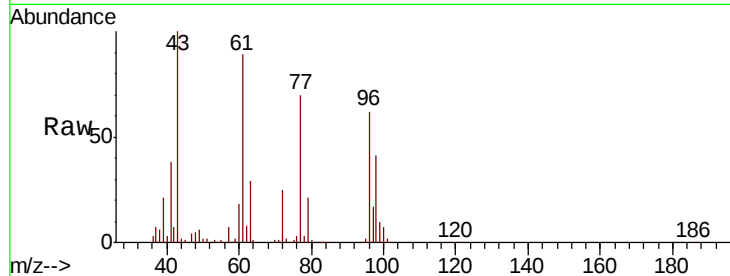


#27

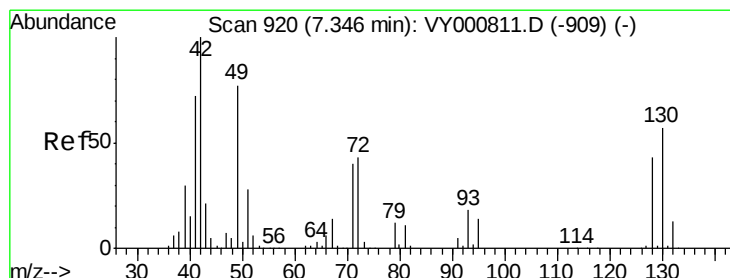
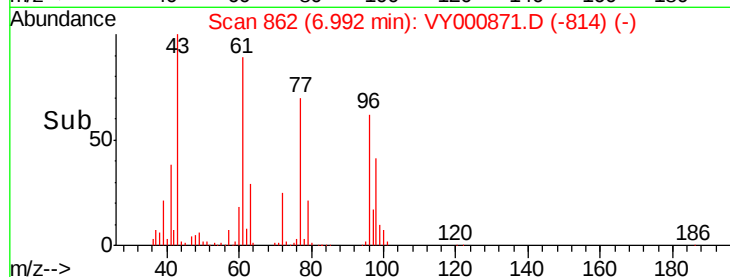
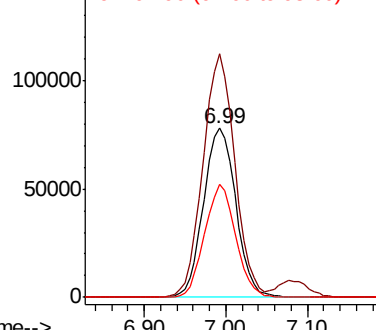
cis-1,2-Dichloroethene
 Concen: 53.836 ug/l
 RT: 6.99 min Scan# 862
 Delta R.T. -0.01 min
 Lab File: VY000871.D
 Acq: 05 Dec 2019 10:25

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion: 96 Resp: 214335
 Ion Ratio Lower Upper
 96 100
 61 141.0 0.0 285.0
 98 63.9 0.0 128.0



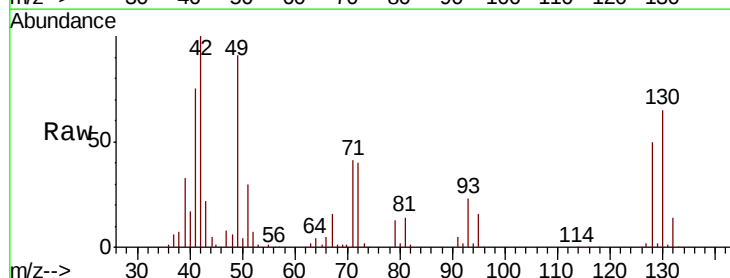
Abundance Ion 95.90 (95.60 to 96.60): VY0
 Ion 60.90 (60.60 to 61.60): VY0
 Ion 97.90 (97.60 to 98.60): VY0



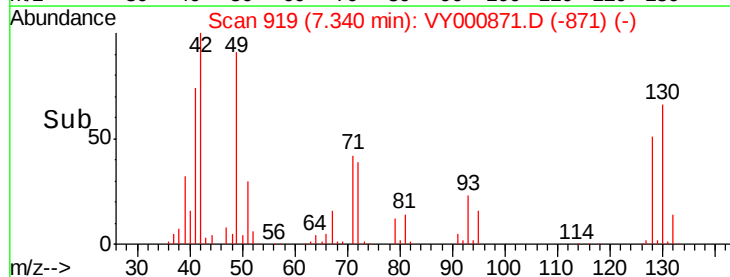
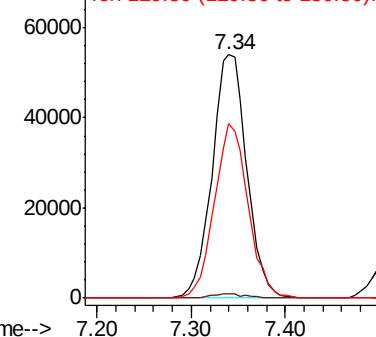
#28

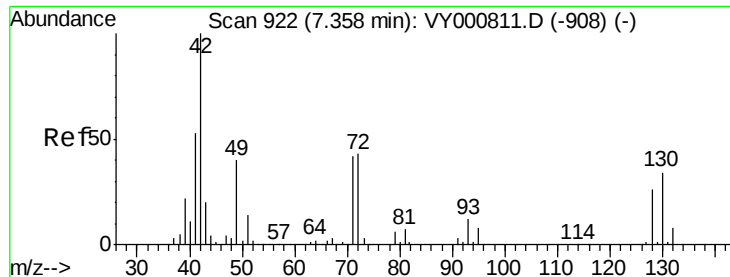
Bromochloromethane
 Concen: 59.849 ug/l
 RT: 7.34 min Scan# 919
 Delta R.T. -0.01 min
 Lab File: VY000871.D
 Acq: 05 Dec 2019 10:25

Tgt Ion: 49 Resp: 139071
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 3.8
 130 69.8 58.7 88.1



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

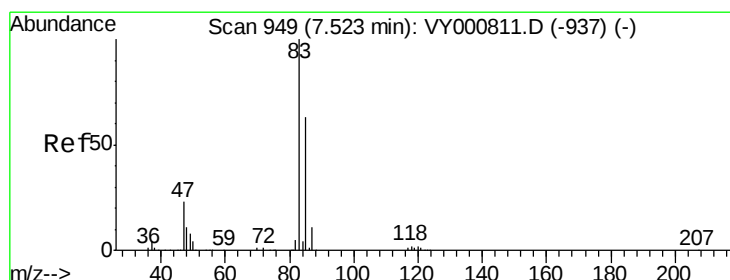
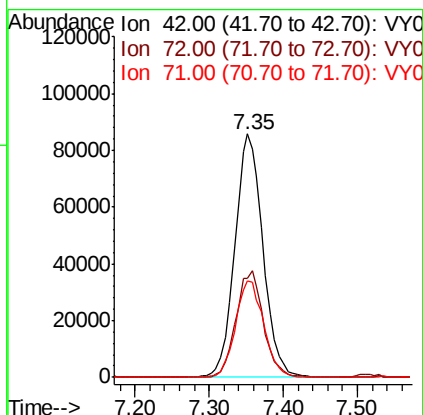
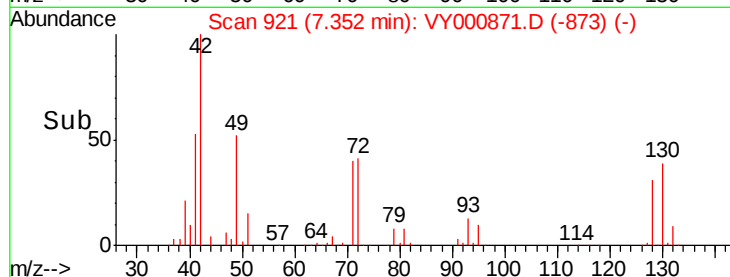
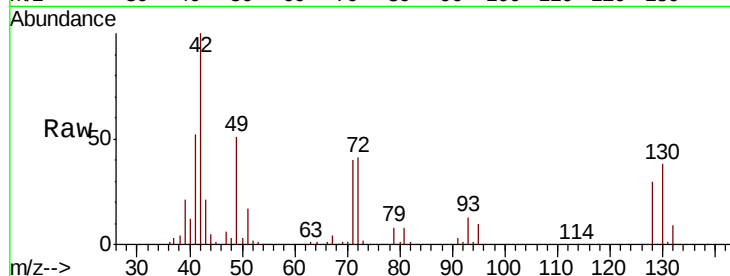




#29
Tetrahydrofuran
Concen: 256.760 ug/l
RT: 7.35 min Scan# 921
Delta R.T. -0.01 min
Lab File: VY000871.D
Acq: 05 Dec 2019 10:25

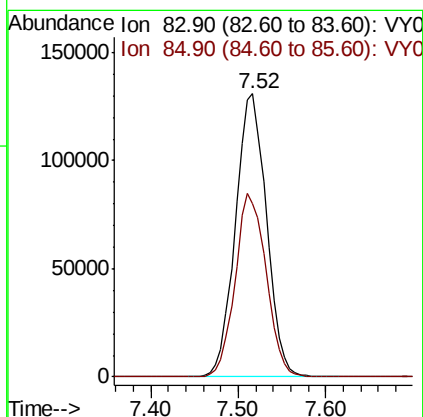
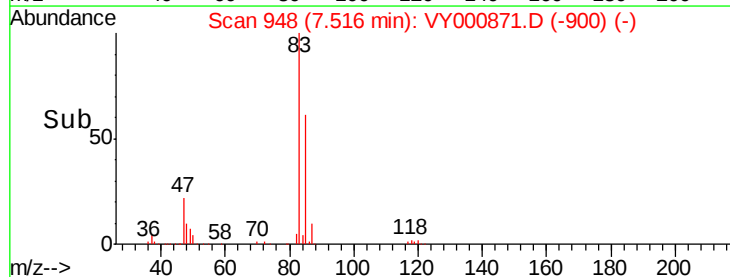
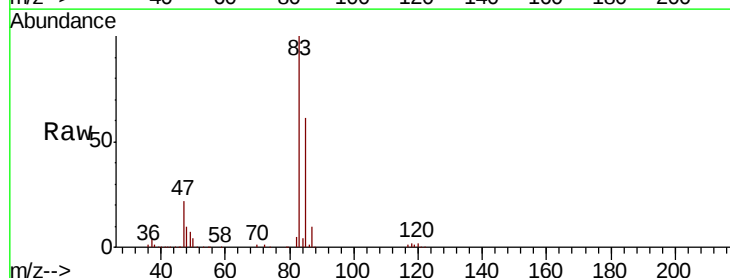
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

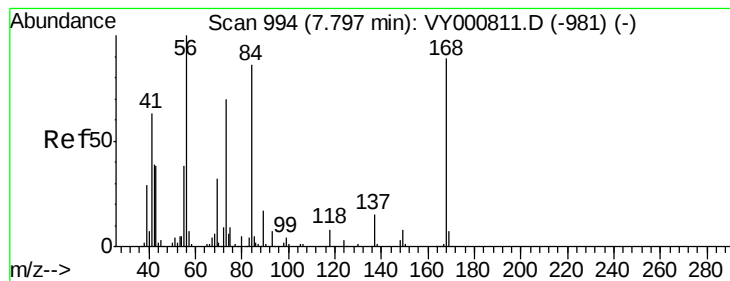
Tot Ion: 42 Resp: 226419
Ion Ratio Lower Upper
42 100
72 42.9 35.1 52.7
71 40.1 32.8 49.2



#30
Chloroform
Concen: 51.127 ug/l
RT: 7.52 min Scan# 948
Delta R.T. -0.01 min
Lab File: VY000871.D
Acq: 05 Dec 2019 10:25

Tgt Ion: 83 Resp: 322819
Ion Ratio Lower Upper
83 100
85 61.3 50.4 75.6





#31

Cyclohexane

Concen: 51.617 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.01 min

Lab File: VY000871.D

Acq: 05 Dec 2019 10:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

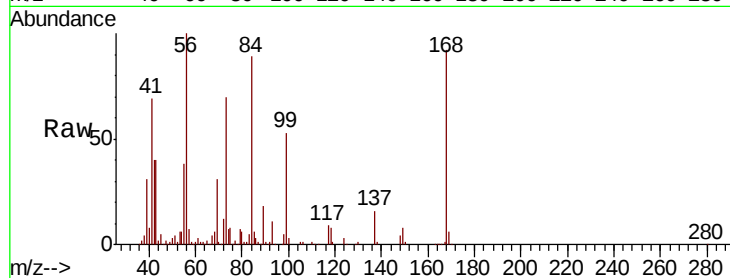
Tot Ion: 56 Resp: 344169

Ion Ratio Lower Upper

56 100

69 30.7 25.9 38.9

84 87.3 68.6 102.8

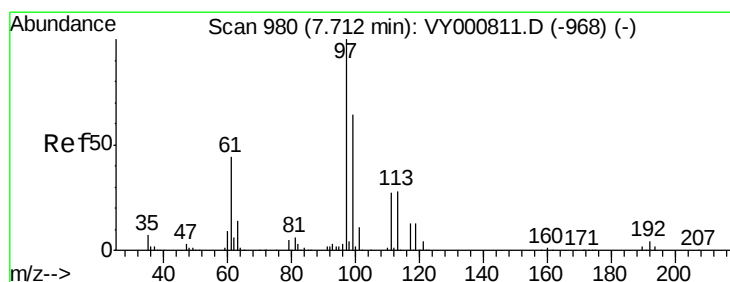
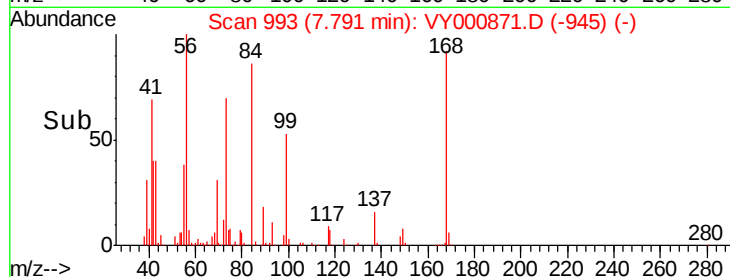
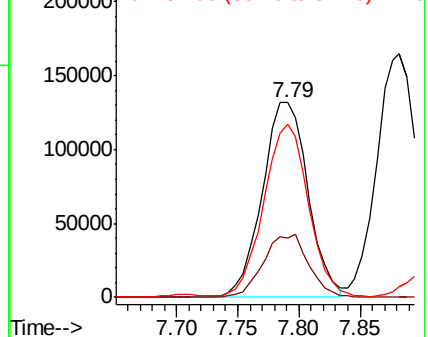


Abundance

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: 53.324 ug/l

RT: 7.71 min Scan# 979

Delta R.T. -0.01 min

Lab File: VY000871.D

Acq: 05 Dec 2019 10:25

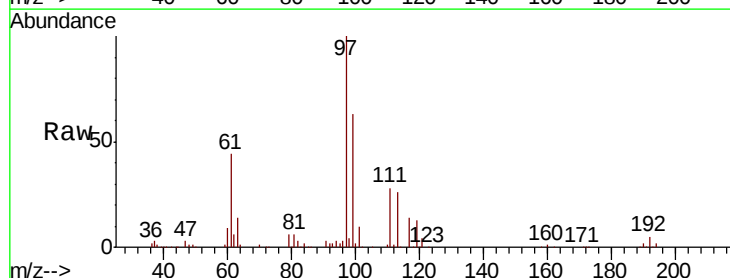
Tgt Ion: 97 Resp: 278021

Ion Ratio Lower Upper

97 100

99 64.5 51.7 77.5

61 43.8 35.0 52.6

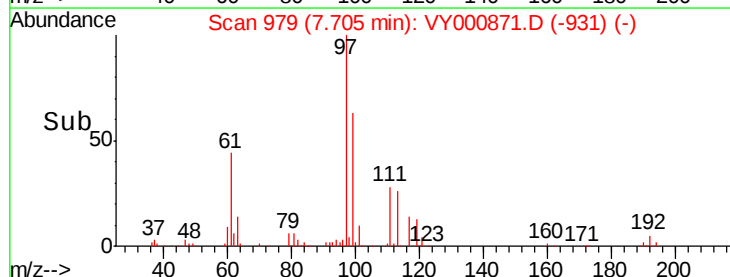
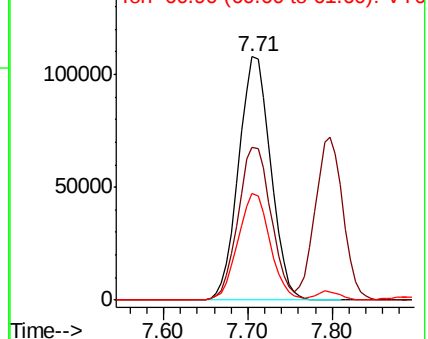


Abundance

Ion 96.90 (96.60 to 97.60): VY0

Ion 98.90 (98.60 to 99.60): VY0

Ion 60.90 (60.60 to 61.60): VY0





#33

1,2-Dichloroethane-d4

Concen: 51.956 ug/l

RT: 8.14 min Scan# 1051

Delta R.T. -0.01 min

Lab File: VY000871.D

Acq: 05 Dec 2019 10:25

Instrument :

MSVOA_Y

ClientSampleId :

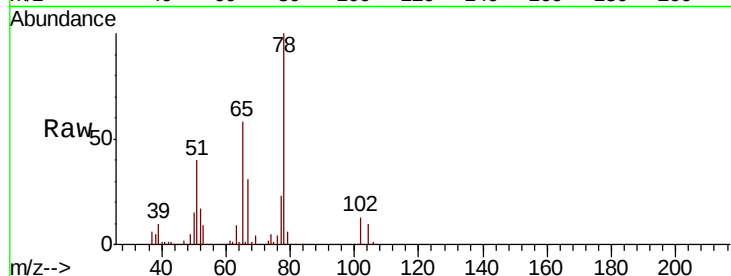
VSTDCCC050

Tot Ion: 65 Resp: 163161

Ion Ratio Lower Upper

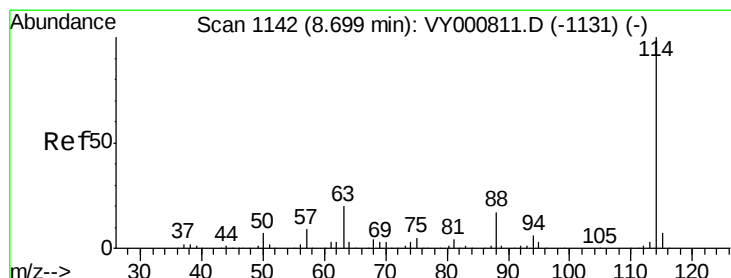
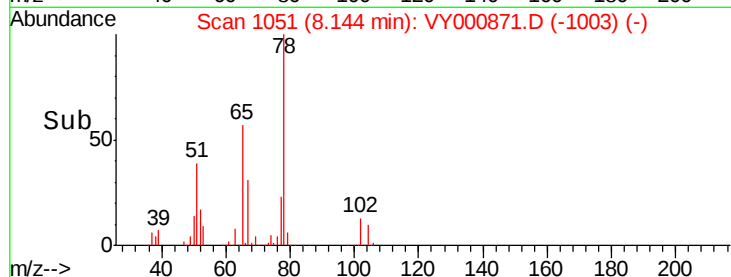
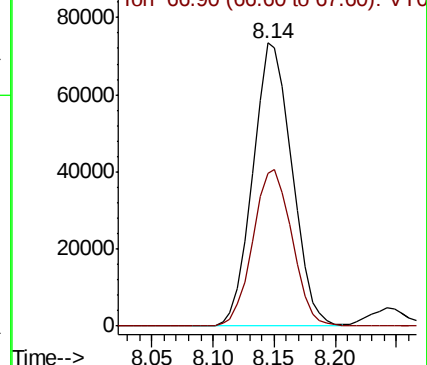
65 100

67 55.4 0.0 112.0



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. -0.01 min

Lab File: VY000871.D

Acq: 05 Dec 2019 10:25

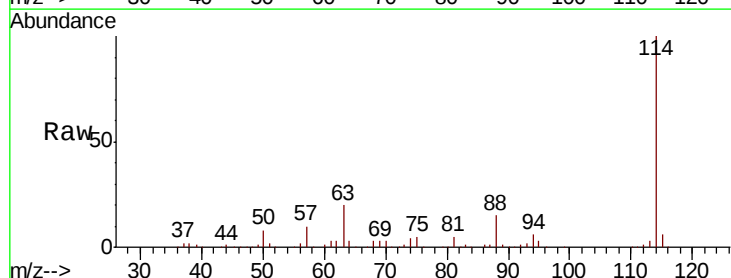
Tgt Ion: 114 Resp: 509019

Ion Ratio Lower Upper

114 100

63 20.3 0.0 39.8

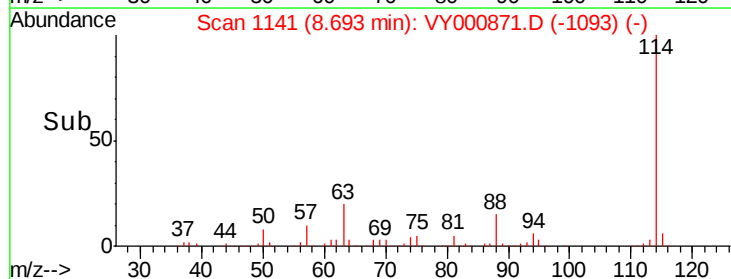
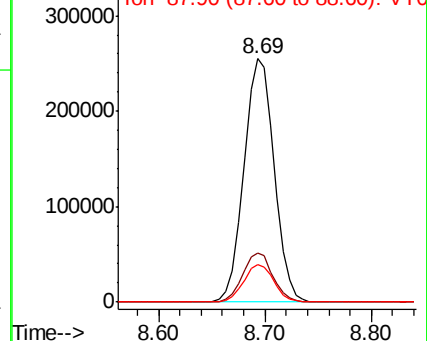
88 15.3 0.0 33.2

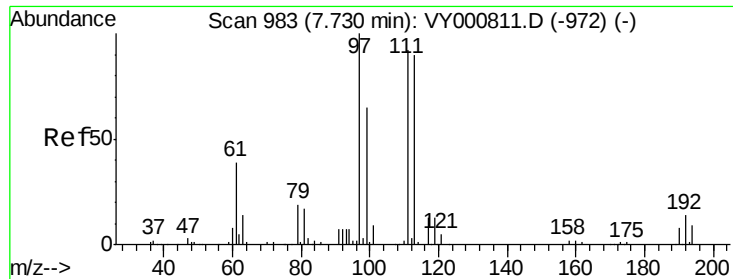


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0

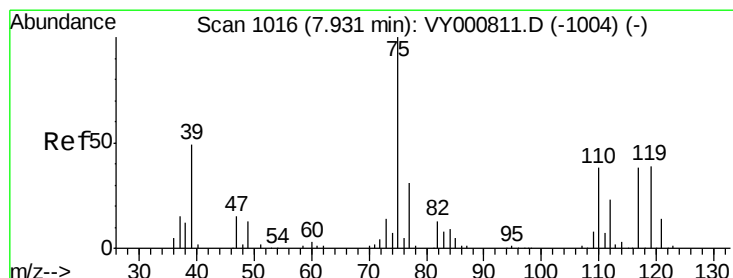
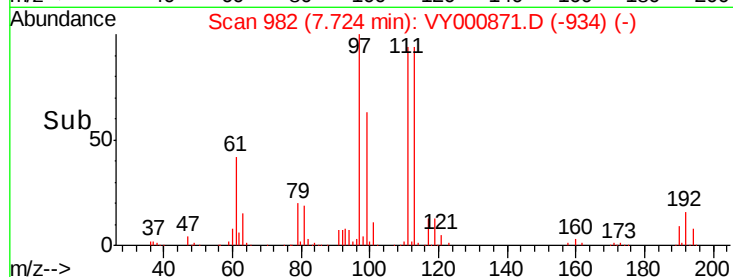
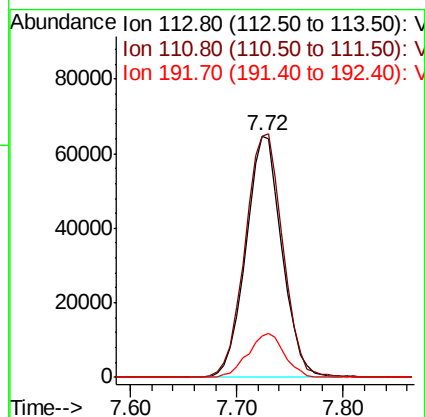
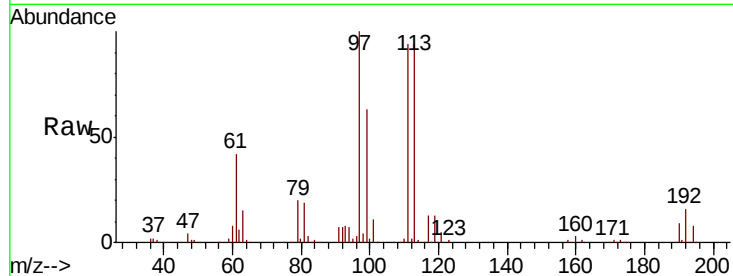




#35
 Dibromofluoromethane
 Concen: 51.748 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: VY000871.D
 Acq: 05 Dec 2019 10:25

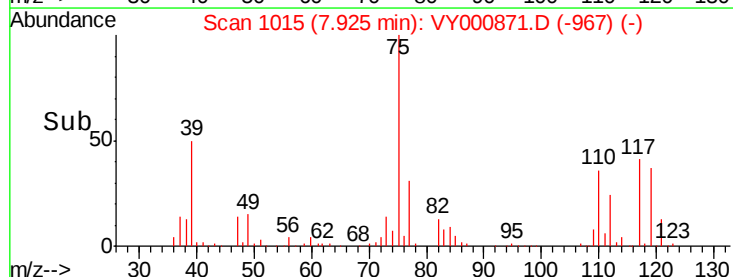
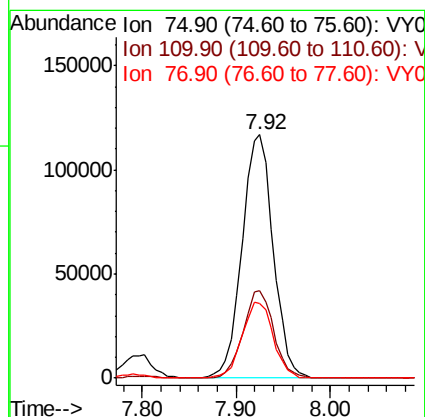
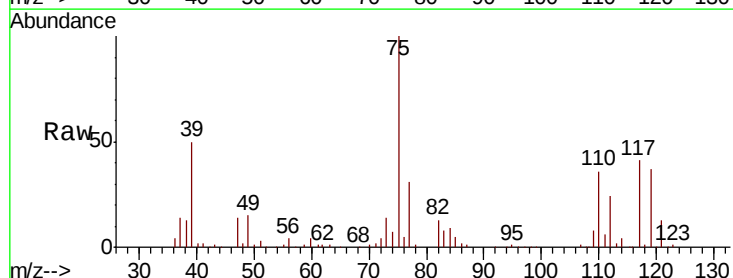
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

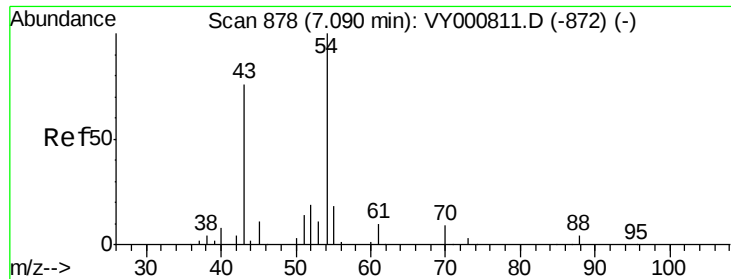
Tot Ion:113 Resp: 153514
 Ion Ratio Lower Upper
 113 100
 111 105.4 82.4 123.6
 192 18.5 14.2 21.2



#36
 1,1-Dichloropropene
 Concen: 53.384 ug/l
 RT: 7.92 min Scan# 1015
 Delta R.T. -0.01 min
 Lab File: VY000871.D
 Acq: 05 Dec 2019 10:25

Tgt Ion: 75 Resp: 270187
 Ion Ratio Lower Upper
 75 100
 110 35.4 17.9 53.7
 77 31.6 24.7 37.1

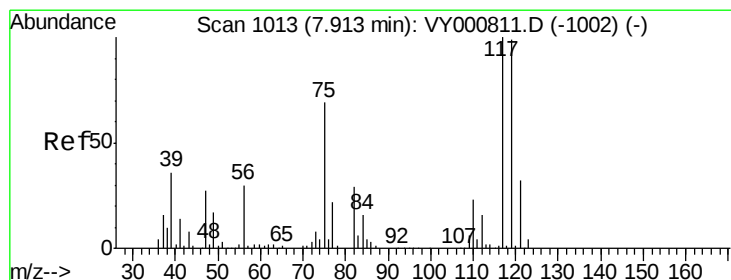
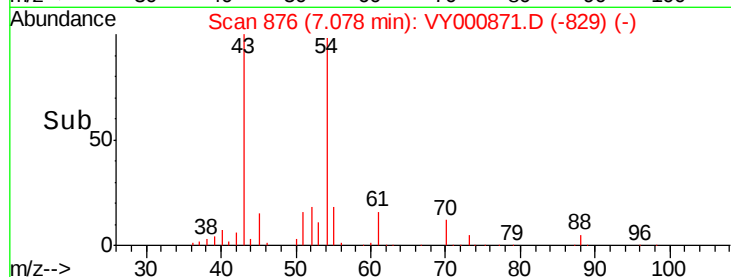
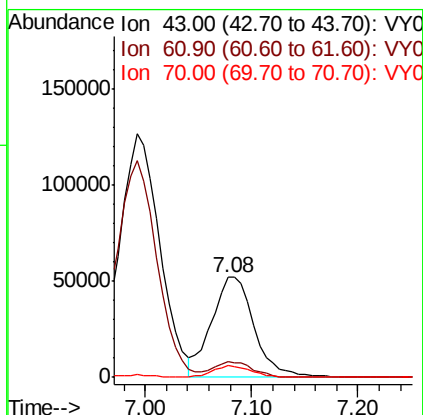
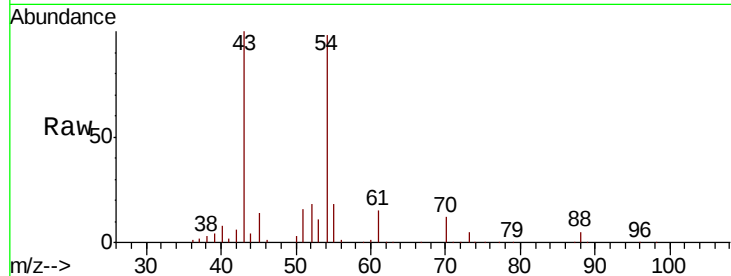




#37
Ethyl Acetate
Concen: 49.329 ug/l
RT: 7.08 min Scan# 876
Delta R.T. -0.01 min
Lab File: VY000871.D
Acq: 05 Dec 2019 10:25

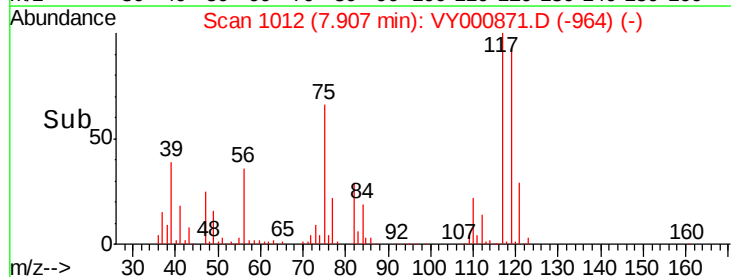
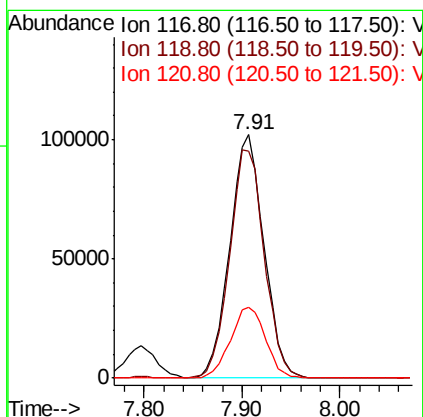
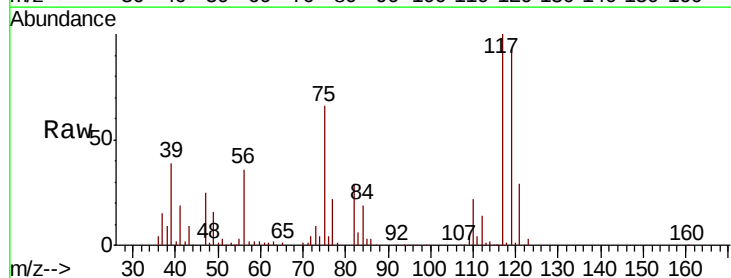
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

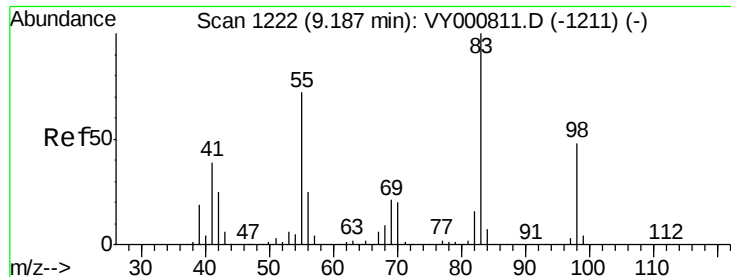
Tot Ion: 43 Resp: 144158
Ion Ratio Lower Upper
43 100
61 14.7 11.8 17.8
70 10.8 8.7 13.1



#38
Carbon Tetrachloride
Concen: 54.636 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.01 min
Lab File: VY000871.D
Acq: 05 Dec 2019 10:25

Tgt Ion: 117 Resp: 246260
Ion Ratio Lower Upper
117 100
119 93.5 79.3 118.9
121 29.0 25.5 38.3

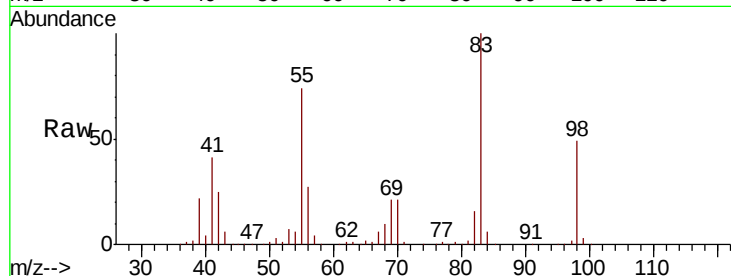




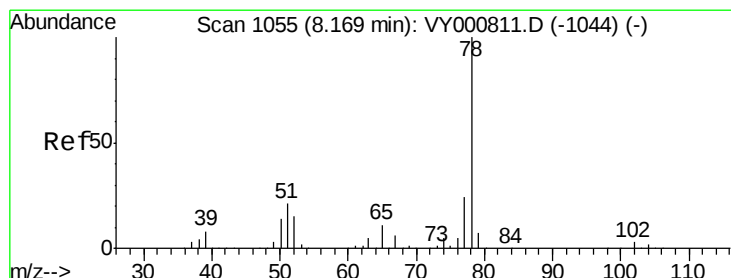
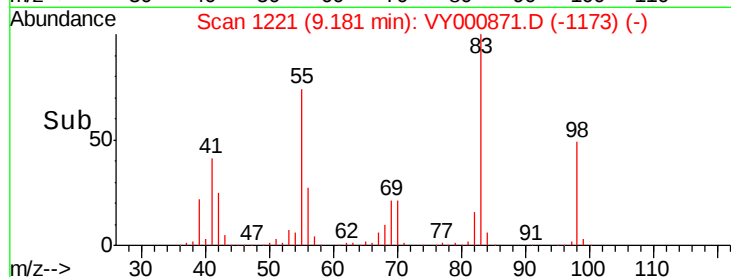
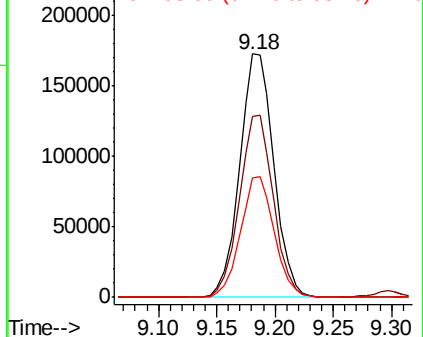
#39
Methvlcvclohexane
Concen: 52.618 ug/l
RT: 9.18 min Scan# 1221
Delta R.T. -0.01 min
Lab File: VY000871.D
Acq: 05 Dec 2019 10:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 83 Resp: 352831
Ion Ratio Lower Upper
83 100
55 74.5 57.8 86.6
98 49.3 38.6 58.0

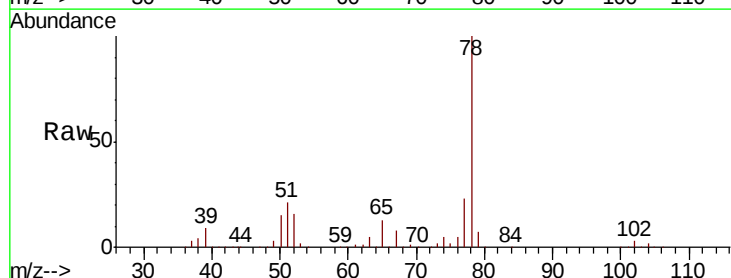


Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

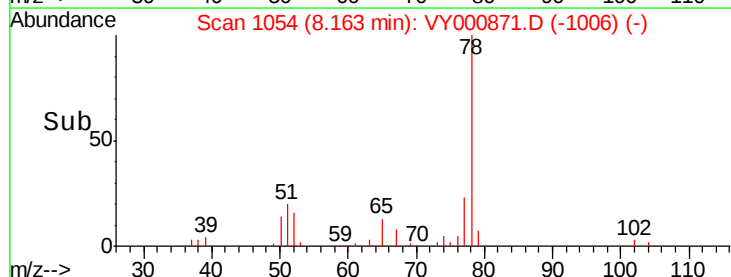
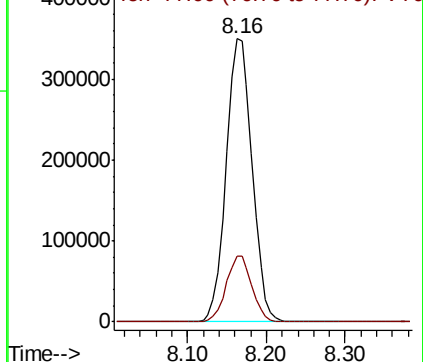


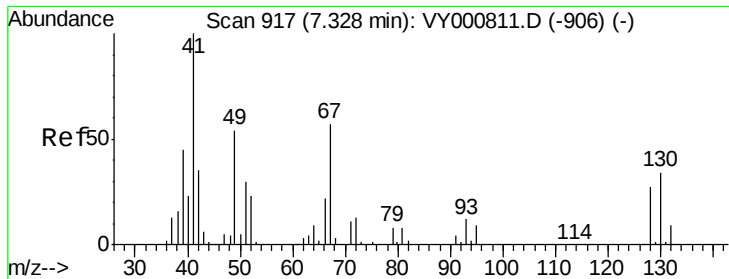
#40
Benzene
Concen: 54.179 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.01 min
Lab File: VY000871.D
Acq: 05 Dec 2019 10:25

Tgt Ion: 78 Resp: 798724
Ion Ratio Lower Upper
78 100
77 23.4 19.2 28.8



Abundance Ion 78.00 (77.70 to 78.70): VY0
Ion 77.00 (76.70 to 77.70): VY0

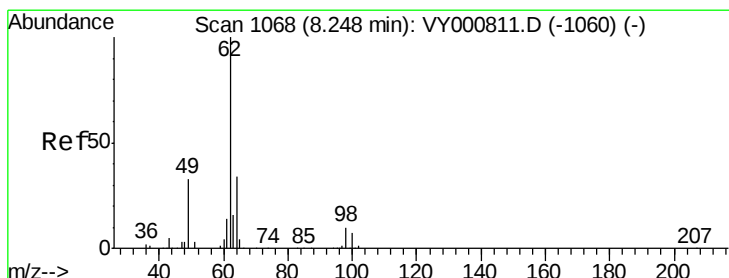
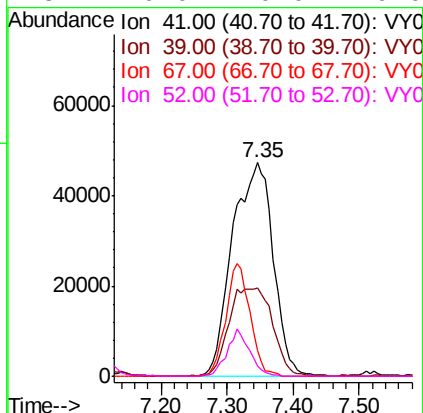
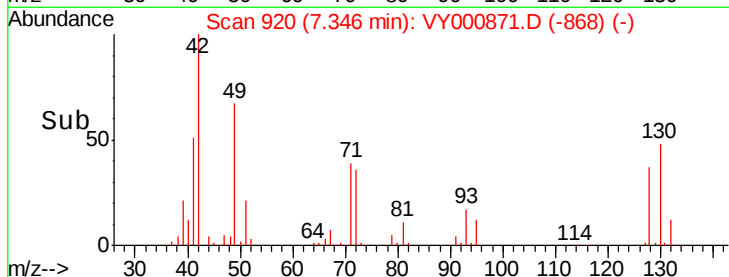
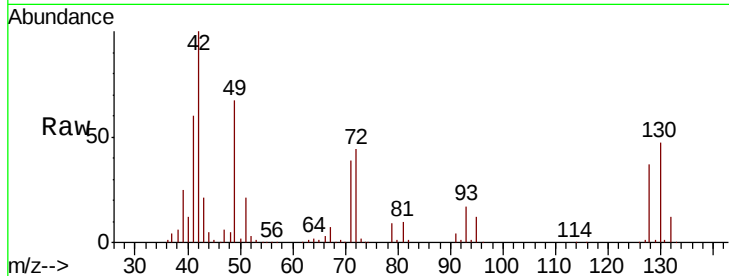




#41
Methacrylonitrile
Concen: 131.454 ug/l
RT: 7.35 min Scan# 920
Delta R.T. 0.02 min
Lab File: VY000871.D
Acq: 05 Dec 2019 10:25

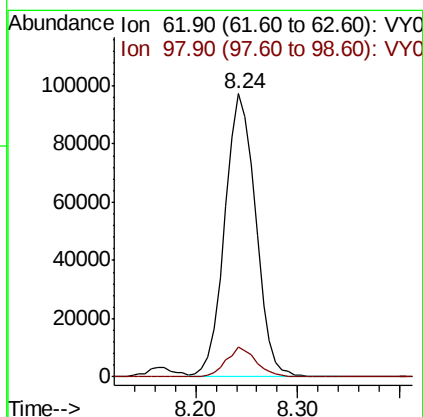
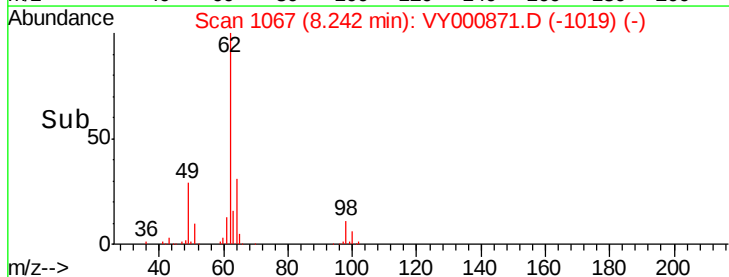
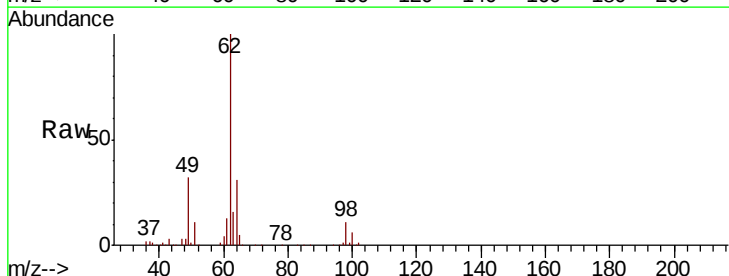
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

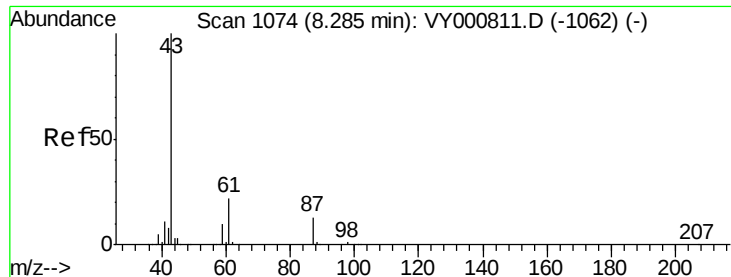
Tot Ion:	41	Resp:	202473
Ion	Ratio	Lower	Upper
41	100		
39	44.1	95.7	143.5#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 52.643 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.01 min
Lab File: VY000871.D
Acq: 05 Dec 2019 10:25

Tgt Ion:	62	Resp:	204099
Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	21.4





#43

Isopropyl Acetate

Concen: 50.533 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. -0.01 min

Lab File: VY000871.D

Acq: 05 Dec 2019 10:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

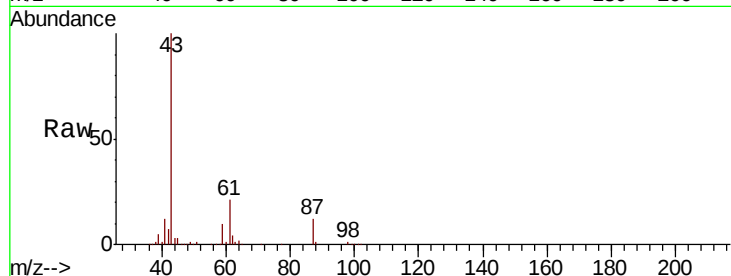
Tot Ion: 43 Resp: 278294

Ion Ratio Lower Upper

43 100

61 29.7 23.7 35.5

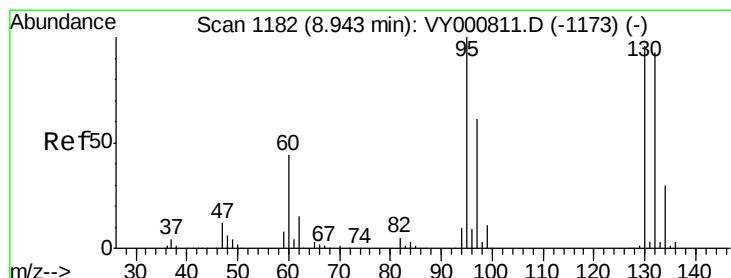
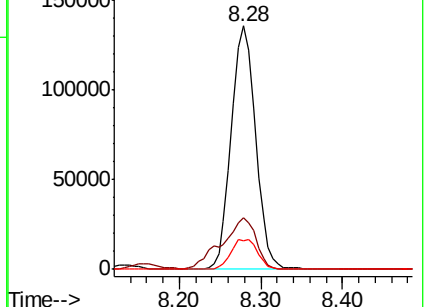
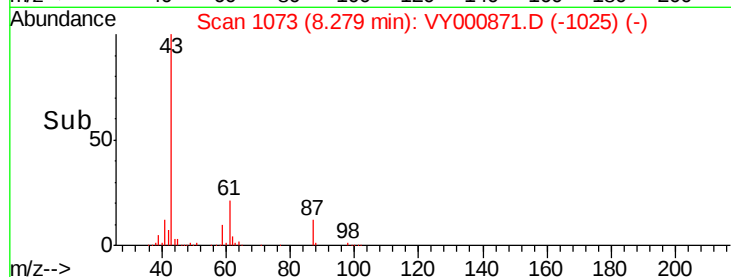
87 13.3 10.6 15.8



Abundance Ion 43.00 (42.70 to 43.70): VY000871.D (-1062) (-)

Ion 61.00 (60.70 to 61.70): VY000871.D (-1062) (-)

Ion 87.00 (86.70 to 87.70): VY000871.D (-1062) (-)



#44

Trichloroethene

Concen: 54.671 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VY000871.D

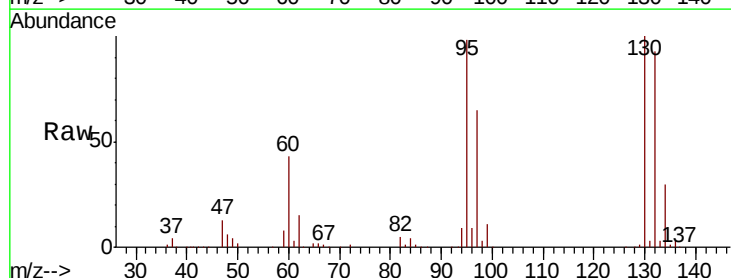
Acq: 05 Dec 2019 10:25

Tgt Ion: 130 Resp: 207136

Ion Ratio Lower Upper

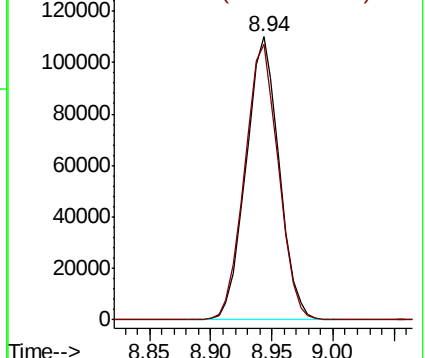
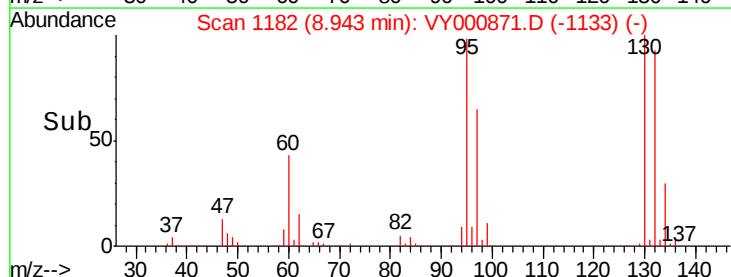
130 100

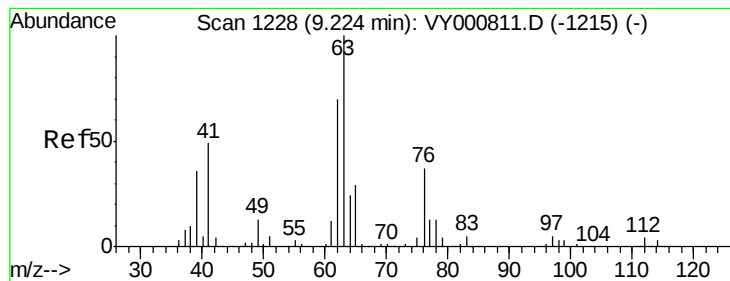
95 97.6 0.0 207.8



Abundance Ion 129.80 (129.50 to 130.50): VY000871.D (-1173) (-)

Ion 94.90 (94.60 to 95.60): VY000871.D (-1173) (-)





#45

1,2-Dichloropropane

Concen: 54.944 ug/l

RT: 9.22 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VY000871.D

Acq: 05 Dec 2019 10:25

Instrument :

MSVOA_Y

ClientSampleId :

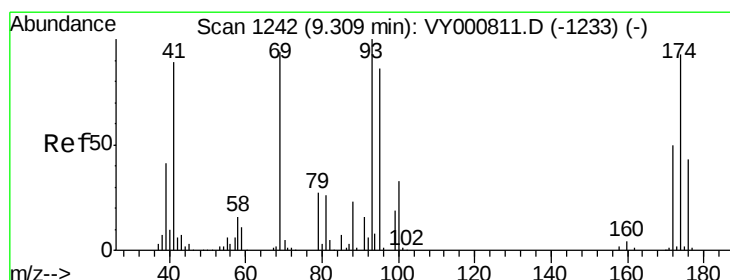
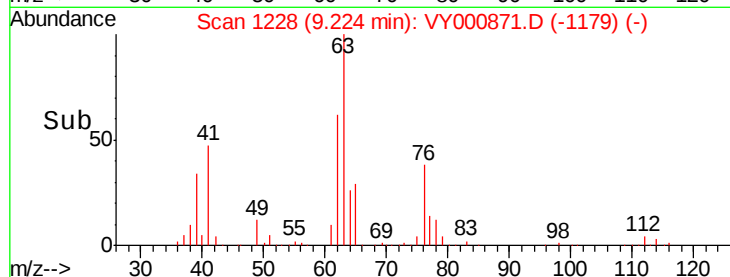
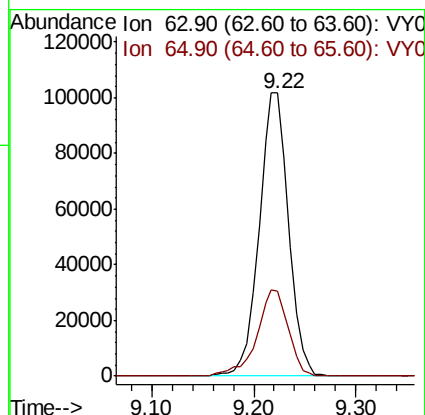
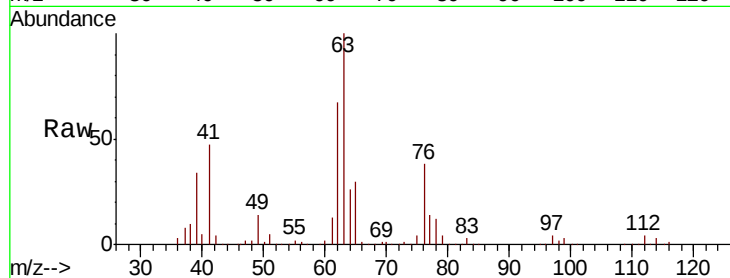
VSTDCCC050

Tot Ion: 63 Resp: 203461

Ion Ratio Lower Upper

63 100

65 30.0 23.2 34.8



#46

Dibromomethane

Concen: 53.820 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. -0.00 min

Lab File: VY000871.D

Acq: 05 Dec 2019 10:25

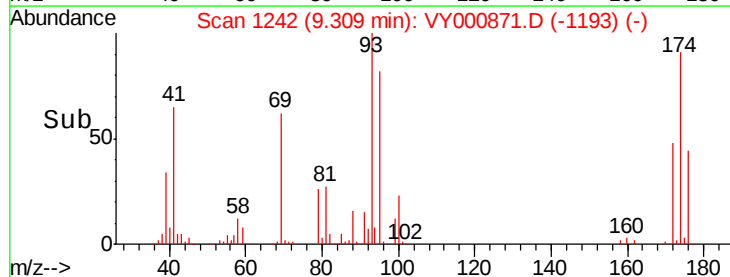
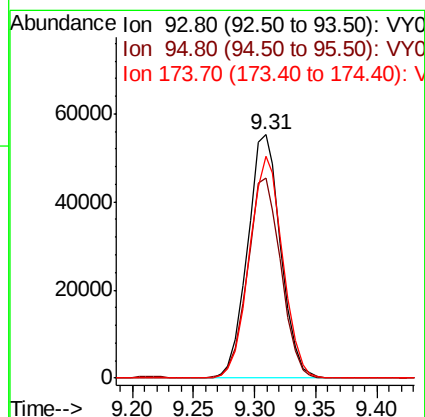
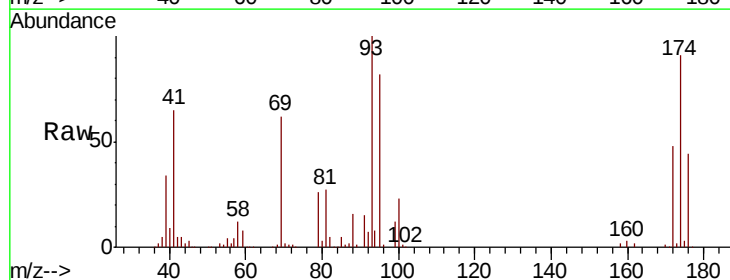
Tgt Ion: 93 Resp: 104131

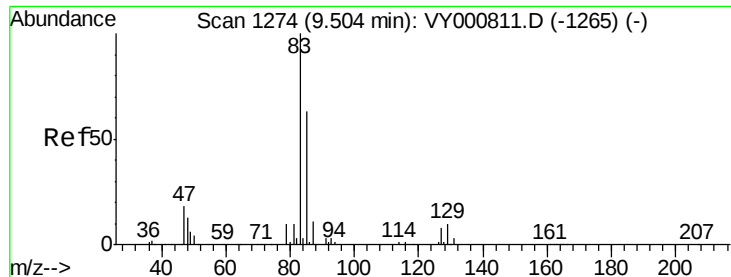
Ion Ratio Lower Upper

93 100

95 82.6 66.4 99.6

174 91.0 73.0 109.6

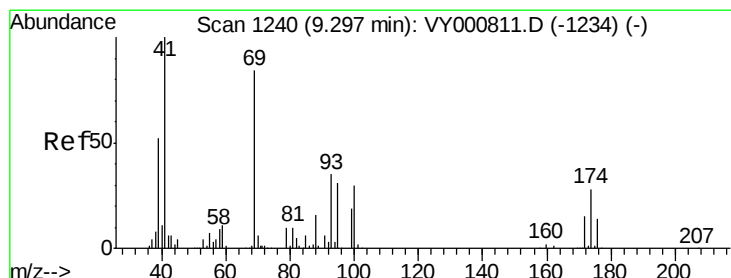
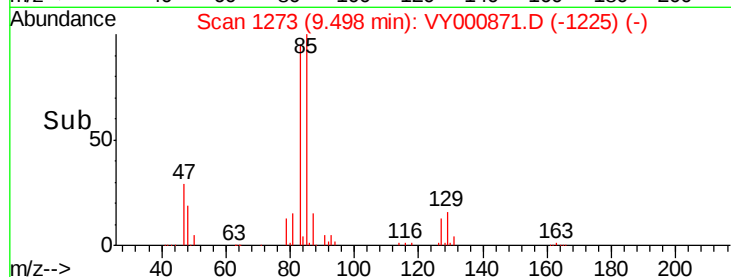
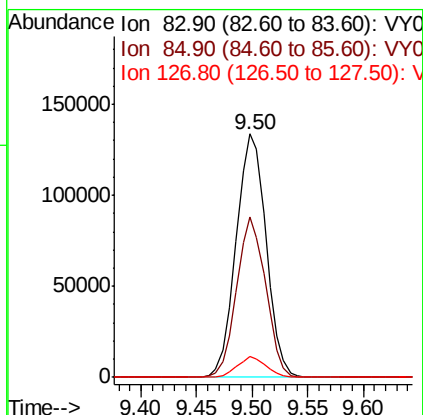
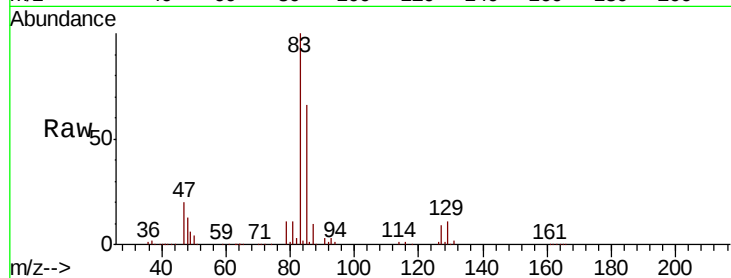




#47
Bromodichloromethane
Concen: 54.903 ug/l
RT: 9.50 min Scan# 1273
Delta R.T. -0.01 min
Lab File: VY000871.D
Acq: 05 Dec 2019 10:25

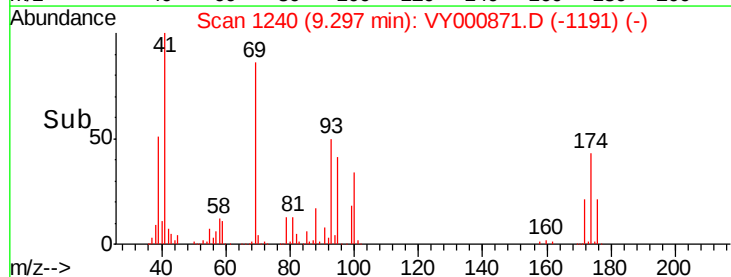
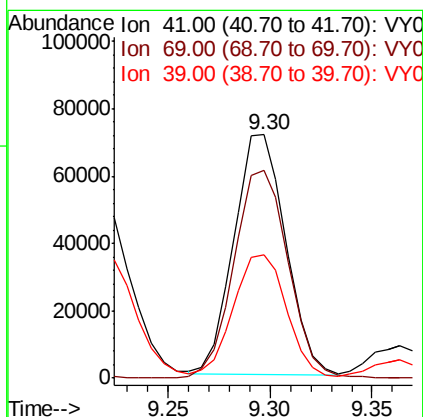
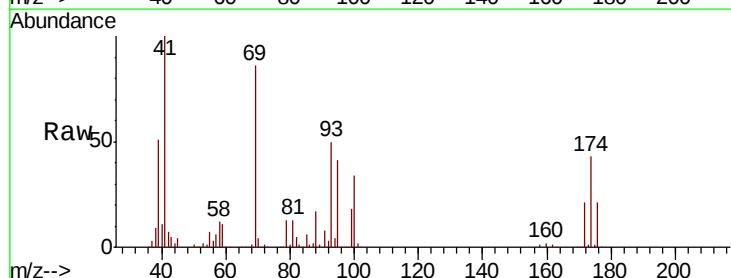
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

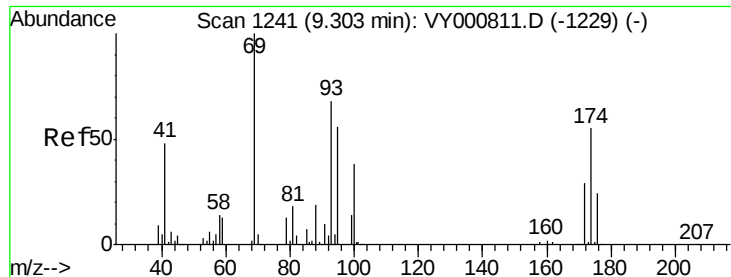
Tot Ion	83	Resp	249544
Ion Ratio	Lower	Upper	
83	100		
85	65.7	50.8	76.2
127	8.6	6.6	10.0



#48
Methyl methacrylate
Concen: 51.892 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VY000871.D
Acq: 05 Dec 2019 10:25

Tgt Ion	41	Resp	125666
Ion Ratio	Lower	Upper	
41	100		
69	90.9	70.4	105.6
39	53.5	40.9	61.3

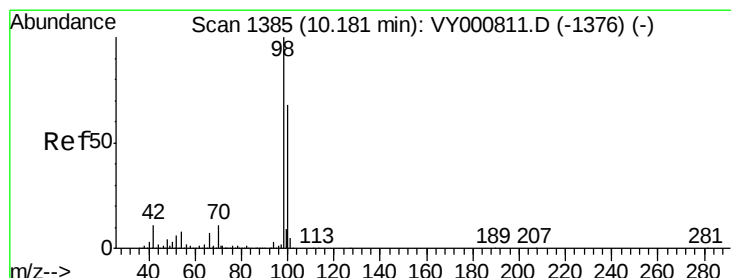
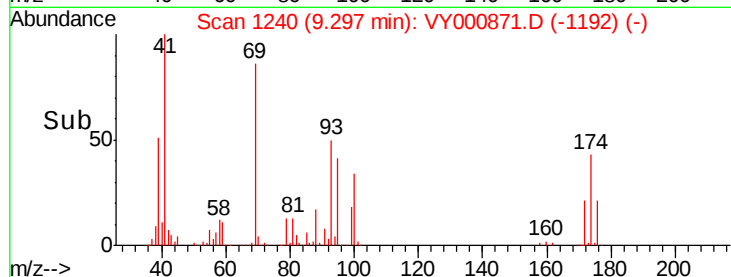
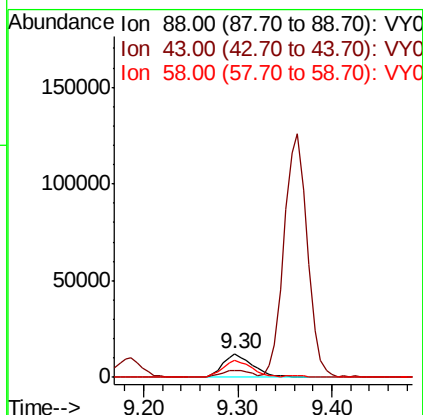
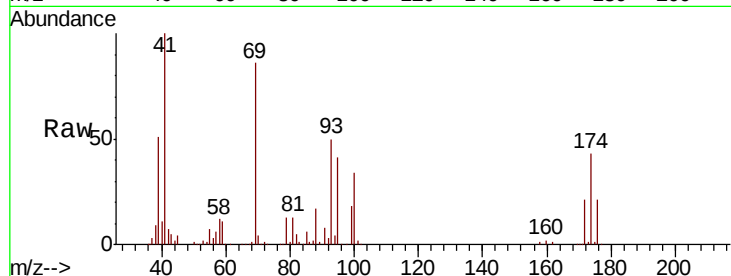




#49
1,4-Dioxane
Concen: 989.509 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. -0.01 min
Lab File: VY000871.D
Acq: 05 Dec 2019 10:25

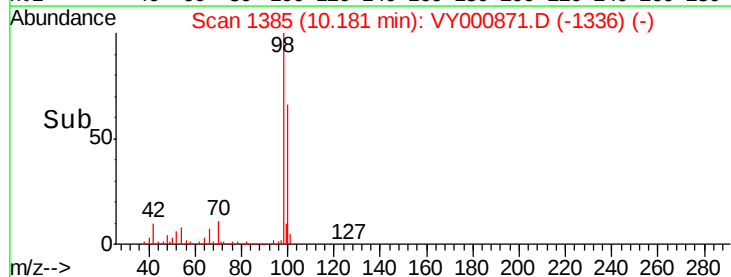
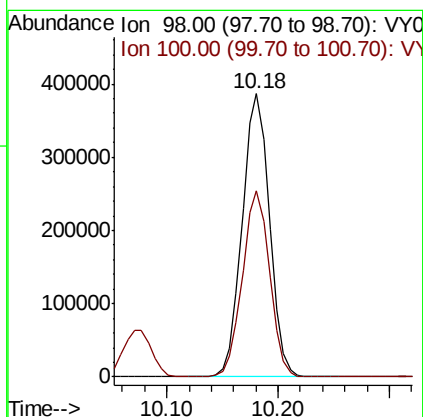
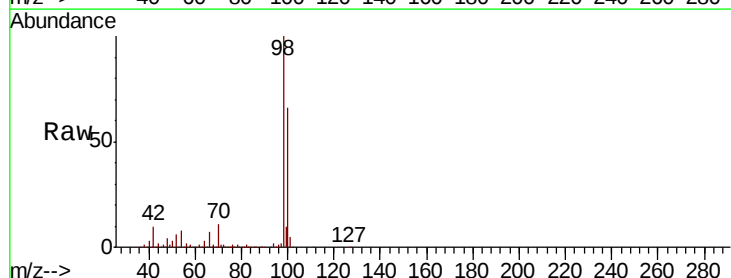
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

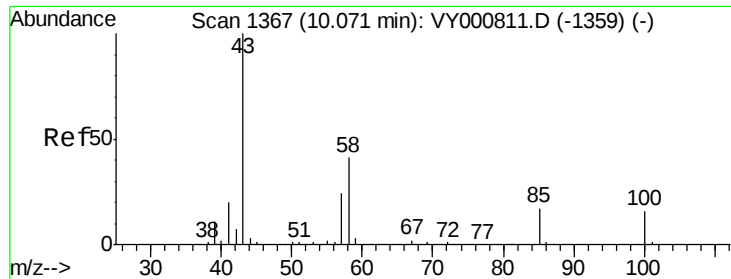
Tot Ion: 88 Resp: 27127
Ion Ratio Lower Upper
88 100
43 29.7 21.1 31.7
58 68.6 50.7 76.1



#50
Toluene-d8
Concen: 55.327 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY000871.D
Acq: 05 Dec 2019 10:25

Tgt Ion: 98 Resp: 656185
Ion Ratio Lower Upper
98 100
100 65.6 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 260.103 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. -0.00 min

Lab File: VY000871.D

Acq: 05 Dec 2019 10:25

Instrument :

MSVOA_Y

ClientSampleId :

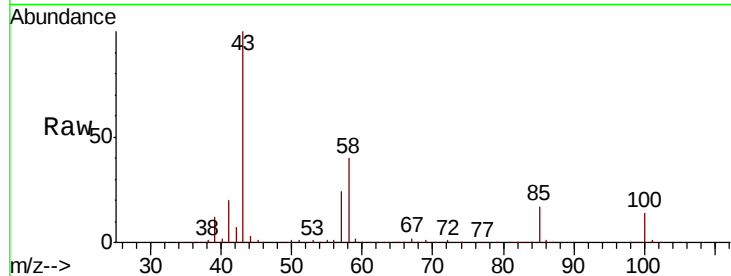
VSTDCCC050

Tot Ion: 43 Resp: 740107

Ion Ratio Lower Upper

43 100

58 40.8 33.1 49.7



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

10.07

400000

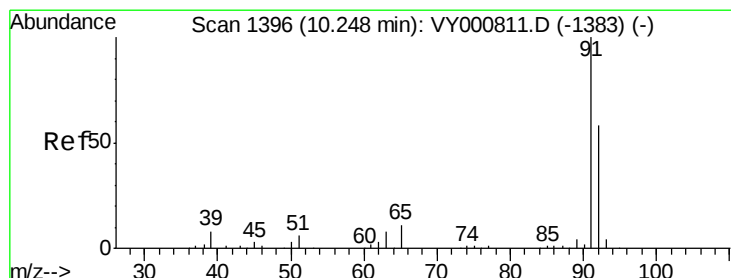
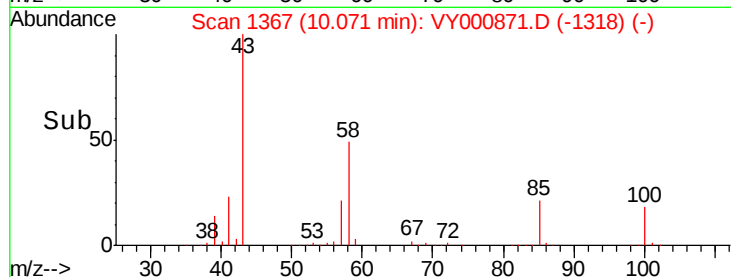
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 55.506 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. -0.01 min

Lab File: VY000871.D

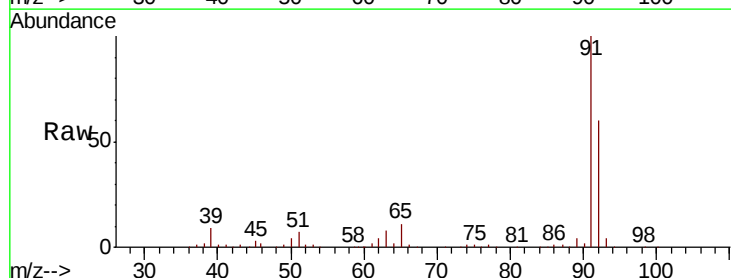
Acq: 05 Dec 2019 10:25

Tgt Ion: 92 Resp: 506649

Ion Ratio Lower Upper

92 100

91 170.7 136.6 204.8



Abundance Ion 92.00 (91.70 to 92.70): VY0

Ion 91.00 (90.70 to 91.70): VY0

10.24

500000

400000

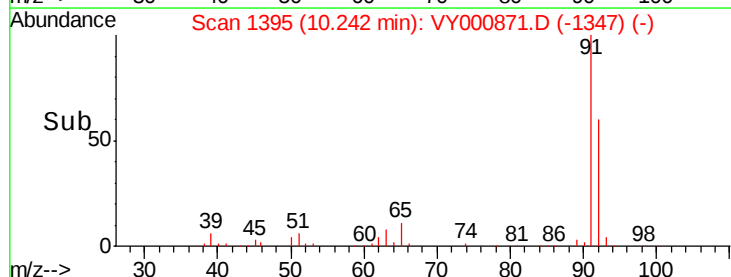
300000

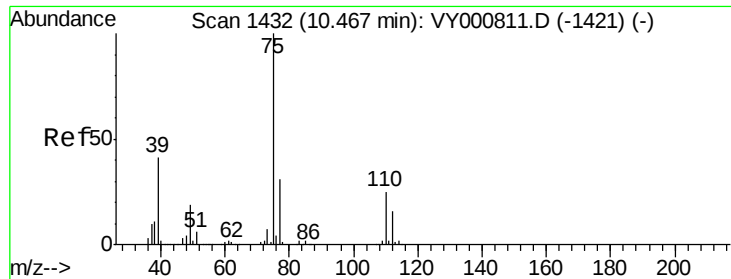
200000

100000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 56.208 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VY000871.D

Acq: 05 Dec 2019 10:25

Instrument :

MSVOA_Y

ClientSampleId :

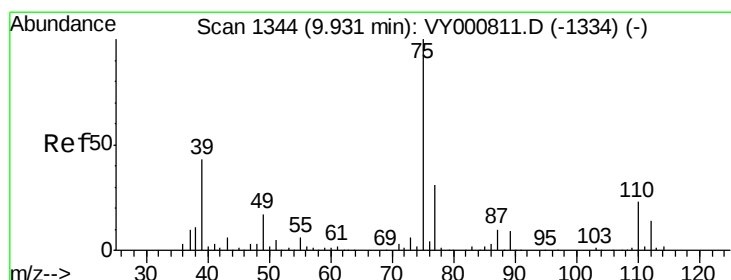
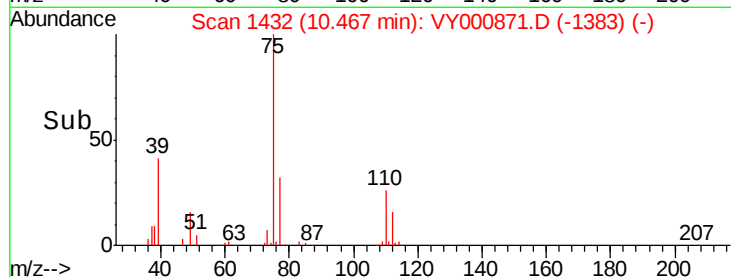
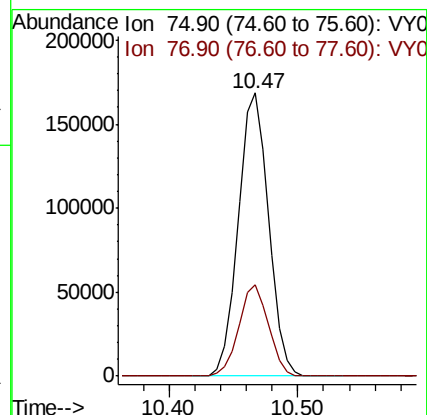
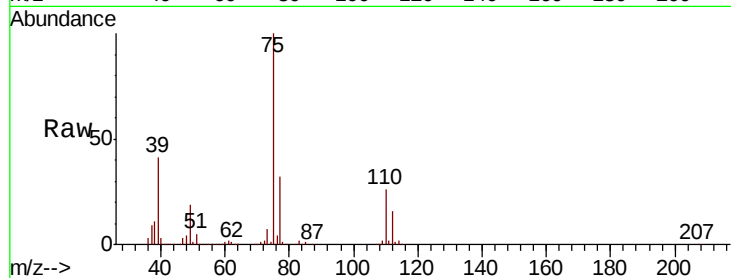
VSTDCCC050

Tot Ion: 75 Resp: 274474

Ion Ratio Lower Upper

75 100

77 32.3 25.1 37.7



#54

cis-1,3-Dichloropropene

Concen: 54.877 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. -0.00 min

Lab File: VY000871.D

Acq: 05 Dec 2019 10:25

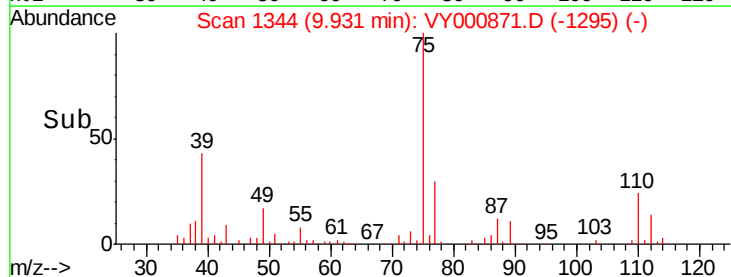
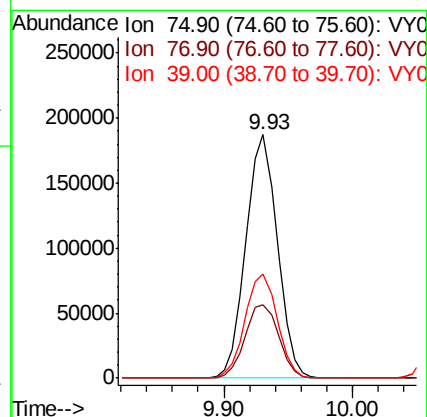
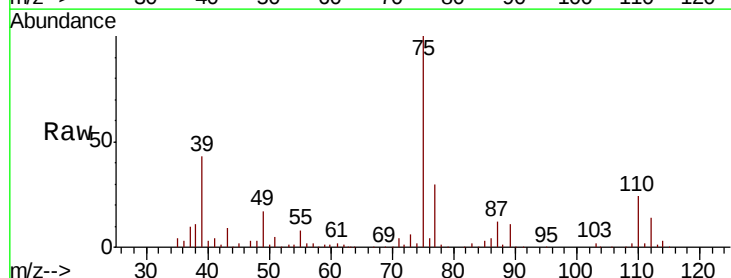
Tgt Ion: 75 Resp: 316742

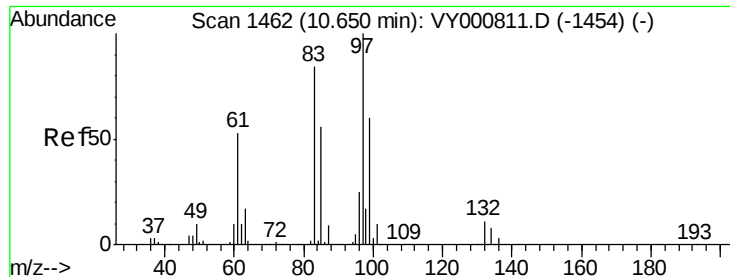
Ion Ratio Lower Upper

75 100

77 30.0 24.7 37.1

39 42.7 34.5 51.7





#55

1,1,2-Trichloroethane

Concen: 54.132 ug/l

RT: 10.64 min Scan# 1461

Delta R.T. -0.01 min

Lab File: VY000871.D

Acq: 05 Dec 2019 10:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 97 Resp: 154738

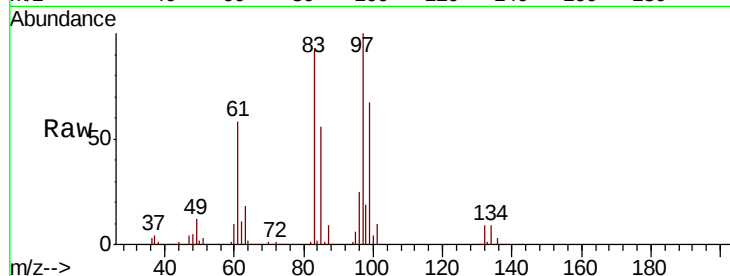
Ion Ratio Lower Upper

97 100

83 91.5 67.5 101.3

85 56.2 44.5 66.7

99 66.7 47.7 71.5

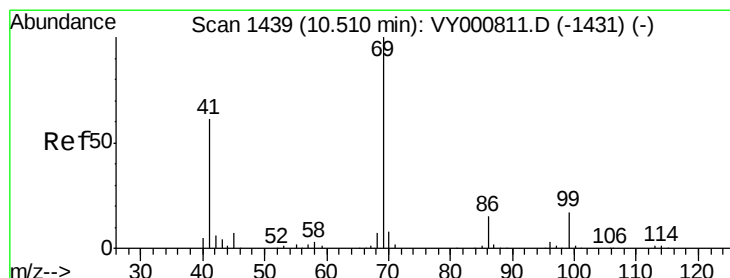
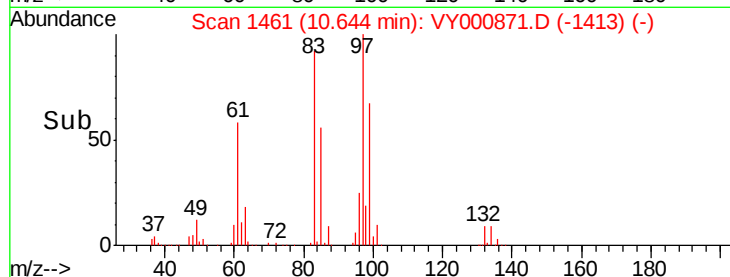
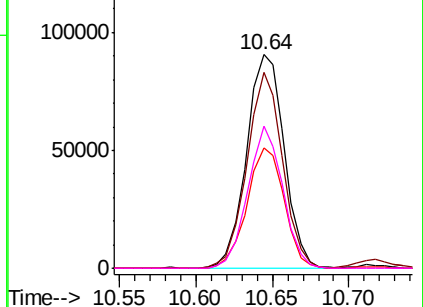


Abundance Ion 96.90 (96.60 to 97.60): VY0

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: 55.173 ug/l

RT: 10.51 min Scan# 1439

Delta R.T. -0.00 min

Lab File: VY000871.D

Acq: 05 Dec 2019 10:25

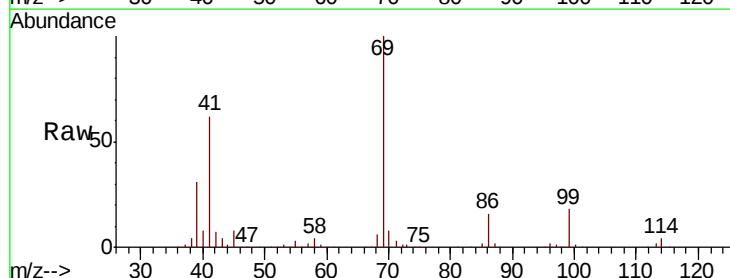
Tgt Ion: 69 Resp: 225615

Ion Ratio Lower Upper

69 100

41 62.2 49.0 73.6

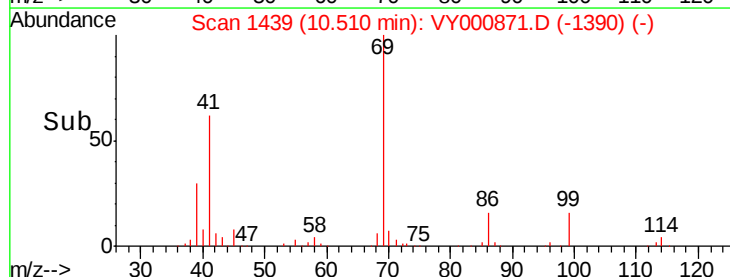
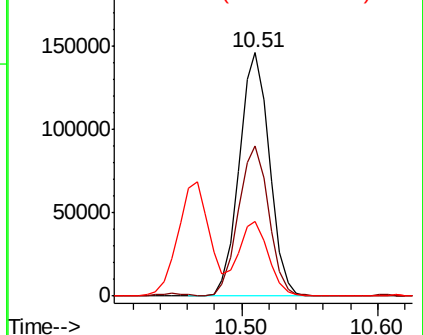
39 31.1 23.1 34.7

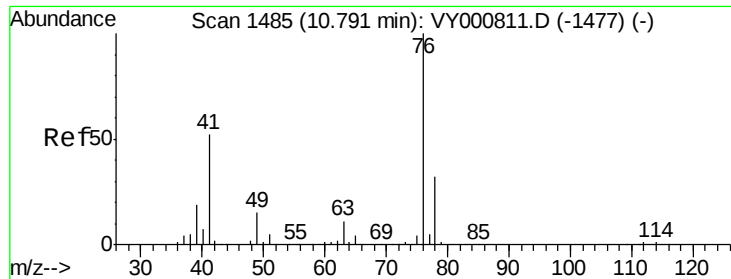


Abundance Ion 69.00 (68.70 to 69.70): VY0

Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0





#57

1,3-Dichloropropane

Concen: 54.044 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. -0.00 min

Lab File: VY000871.D

Acq: 05 Dec 2019 10:25

Instrument :

MSVOA_Y

ClientSampleId :

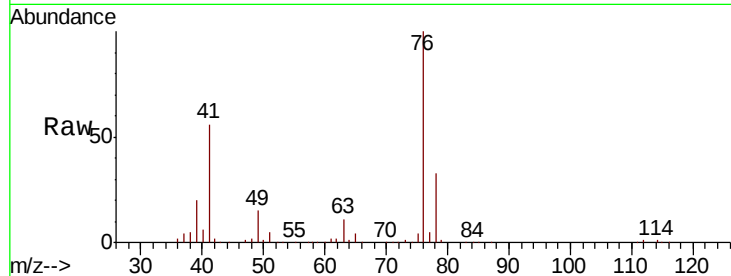
VSTDCCC050

Tot Ion: 76 Resp: 269255

Ion Ratio Lower Upper

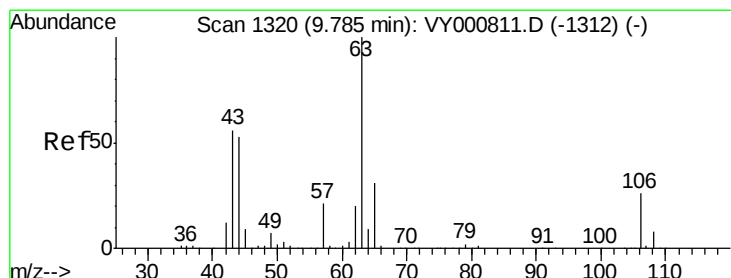
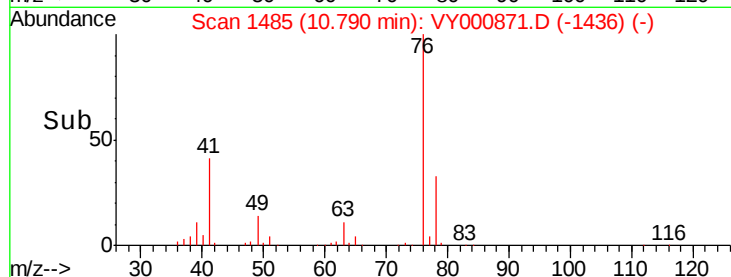
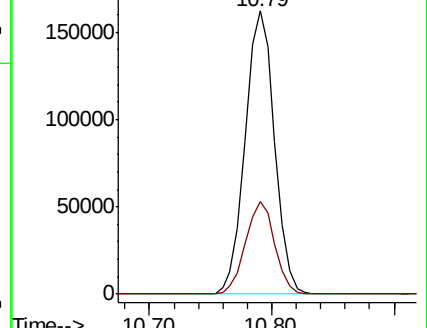
76 100

78 32.5 26.4 39.6



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#58

2-Chloroethyl Vinyl ether

Concen: 234.760 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. -0.00 min

Lab File: VY000871.D

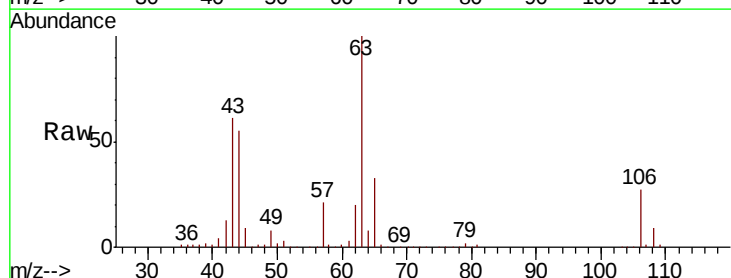
Acq: 05 Dec 2019 10:25

Tgt Ion: 63 Resp: 387080

Ion Ratio Lower Upper

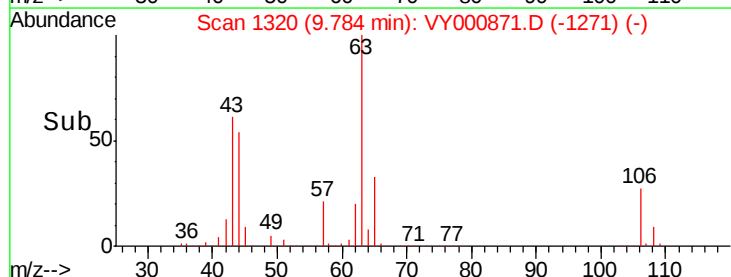
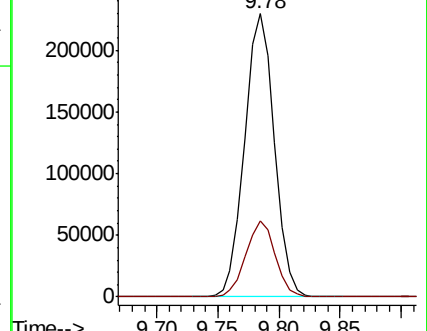
63 100

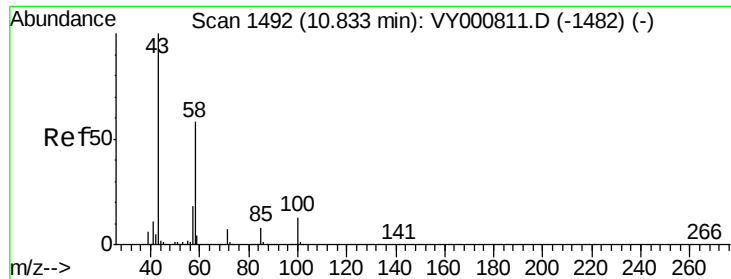
106 26.5 21.5 32.3



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

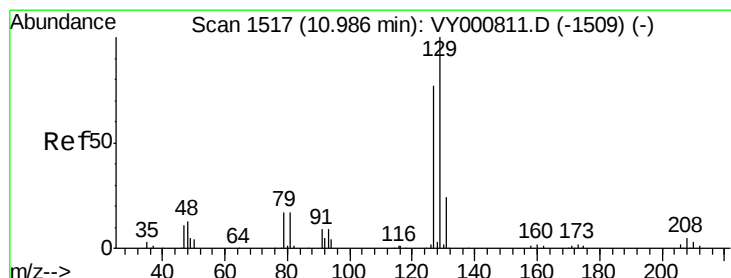
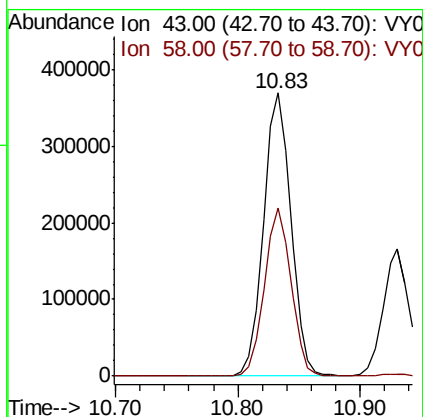
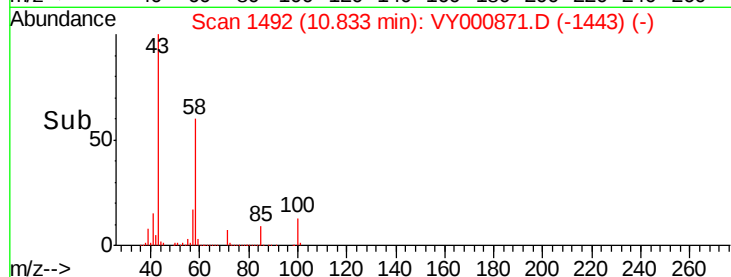
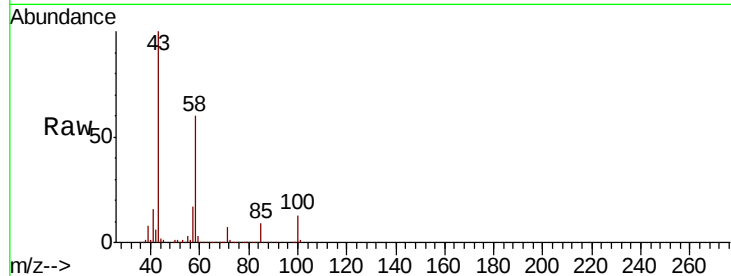




#59
2-Hexanone
Concen: 277.686 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY000871.D
Acq: 05 Dec 2019 10:25

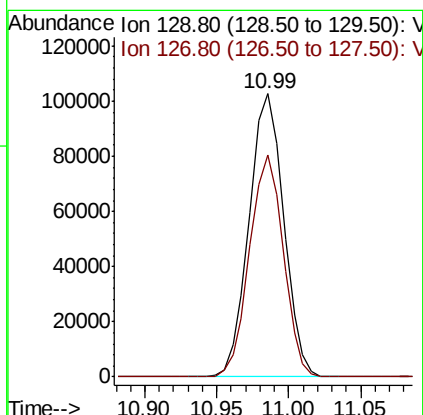
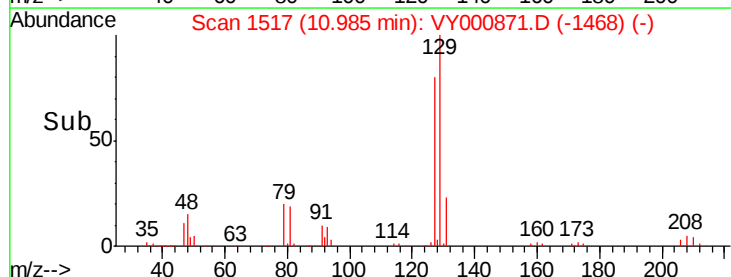
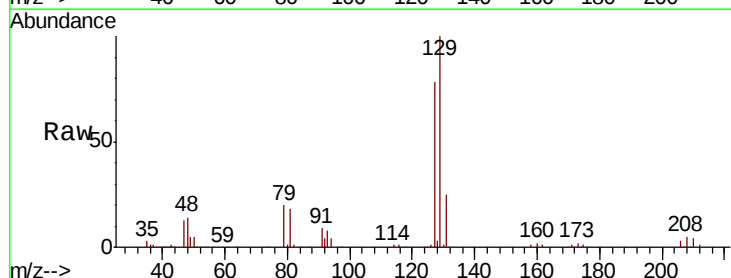
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

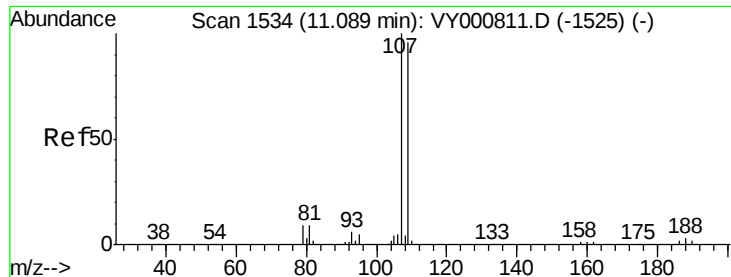
Tot Ion: 43 Resp: 575755
Ion Ratio Lower Upper
43 100
58 57.9 29.0 87.1



#60
Dibromochloromethane
Concen: 55.461 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY000871.D
Acq: 05 Dec 2019 10:25

Tgt Ion: 129 Resp: 170667
Ion Ratio Lower Upper
129 100
127 76.5 39.1 117.2

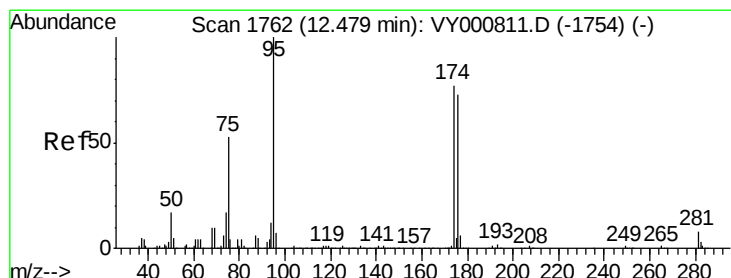
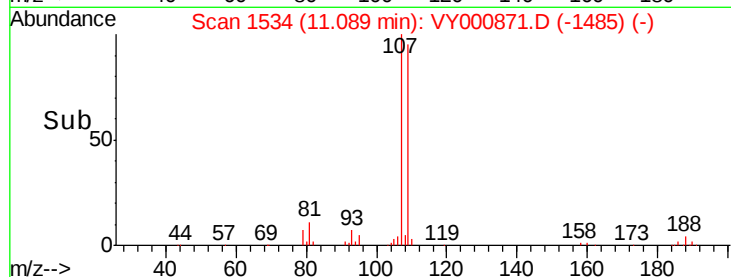
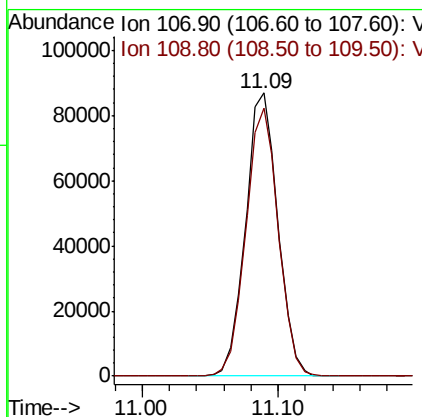
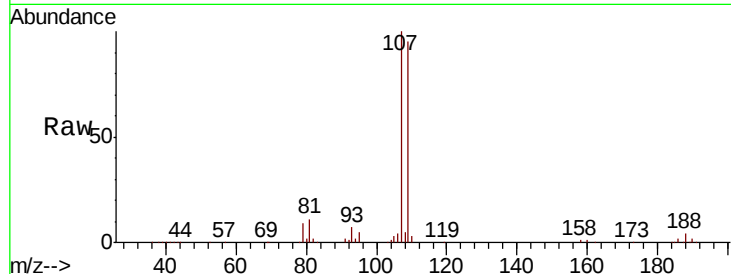




#61
 1,2-Dibromoethane
 Concen: 53.679 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VY000871.D
 Acq: 05 Dec 2019 10:25

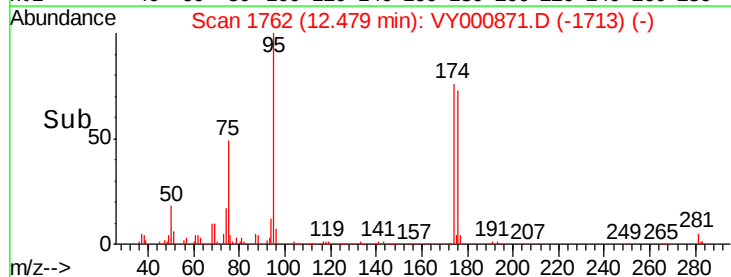
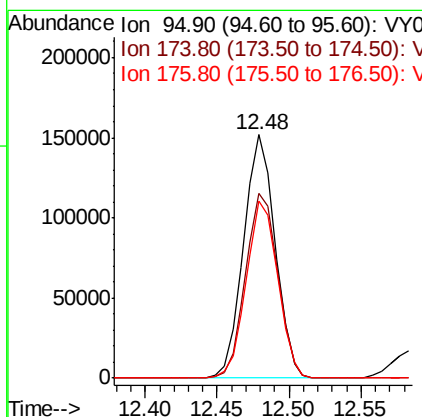
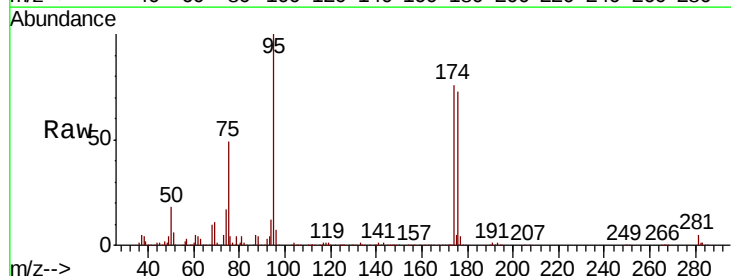
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

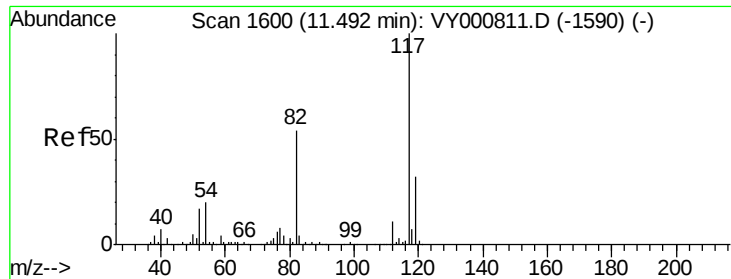
Tot Ion:107 Resp: 144612
 Ion Ratio Lower Upper
 107 100
 109 95.0 75.9 113.9



#62
 4-Bromofluorobenzene
 Concen: 51.686 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VY000871.D
 Acq: 05 Dec 2019 10:25

Tgt Ion: 95 Resp: 230216
 Ion Ratio Lower Upper
 95 100
 174 77.4 0.0 150.6
 176 72.8 0.0 145.2

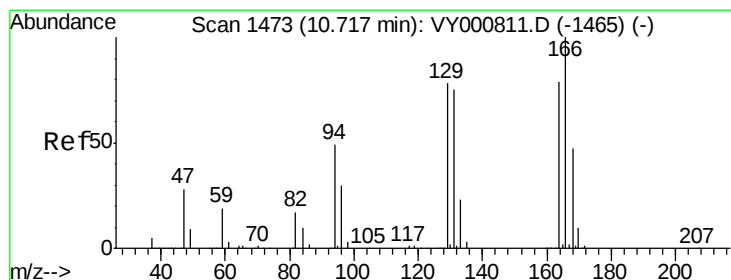
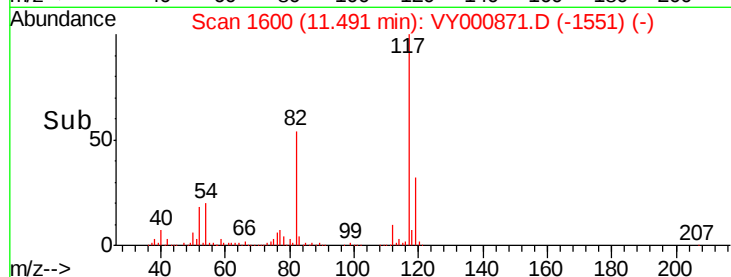
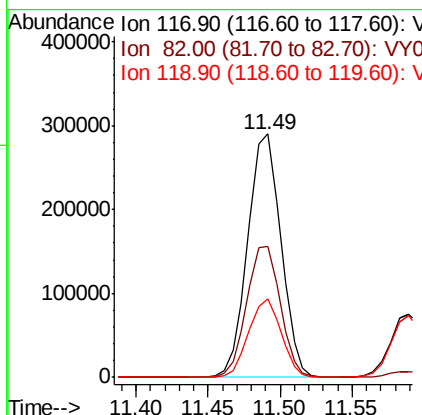
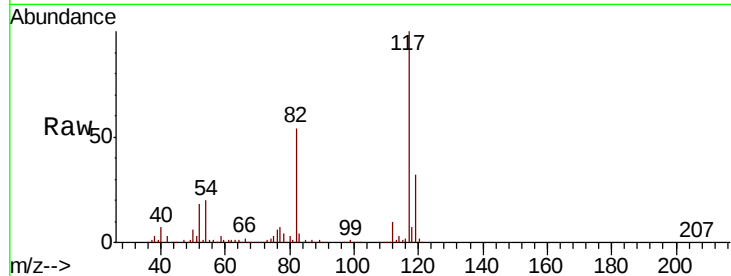




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY000871.D
Acq: 05 Dec 2019 10:25

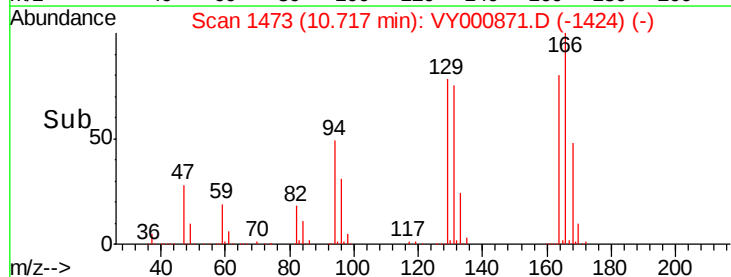
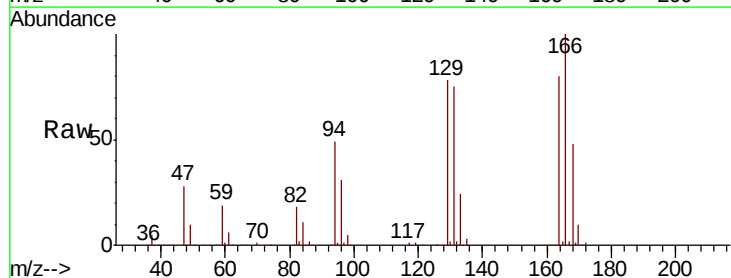
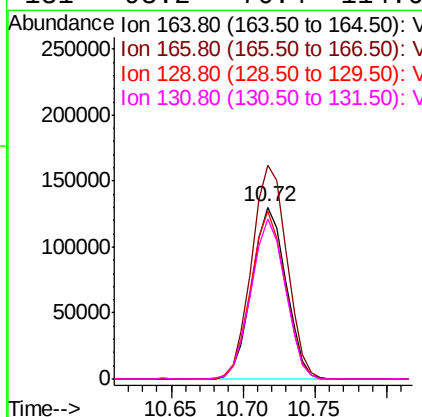
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

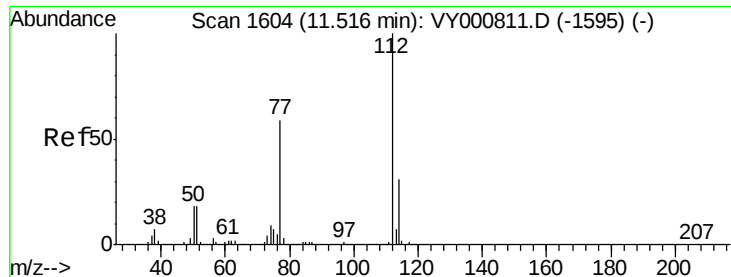
Tot Ion	Ratio	Lower	Upper
117	100		
82	53.9	43.1	64.7
119	32.0	25.3	37.9



#64
Tetrachloroethene
Concen: 53.046 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY000871.D
Acq: 05 Dec 2019 10:25

Tgt Ion	Ratio	Lower	Upper
164	100		
166	124.5	101.8	152.8
129	97.6	79.3	118.9
131	93.2	76.4	114.6

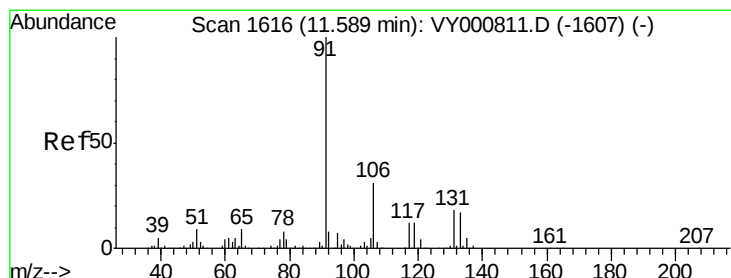
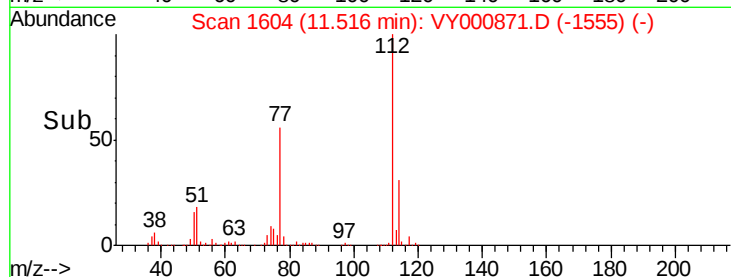
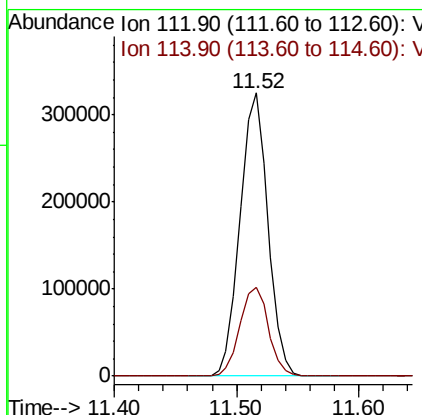
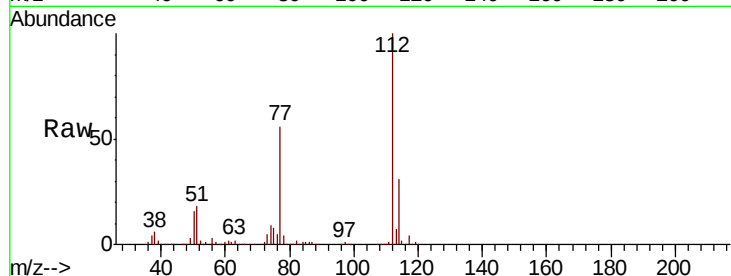




#65
Chlorobenzene
Concen: 53.245 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VY000871.D
Acq: 05 Dec 2019 10:25

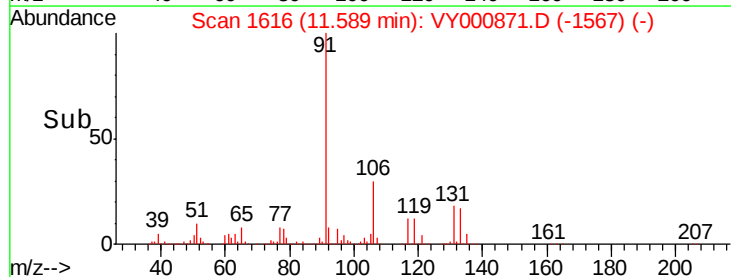
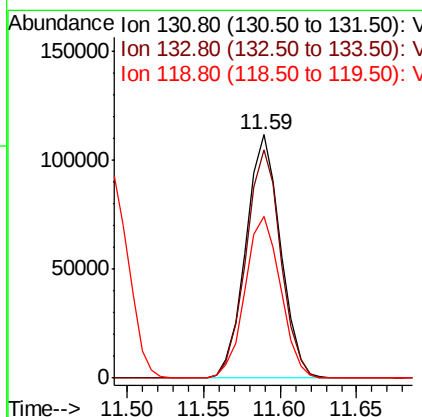
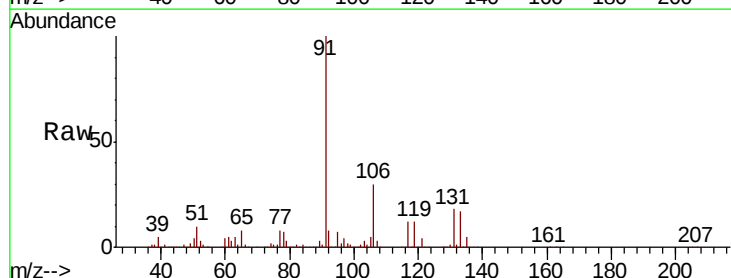
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

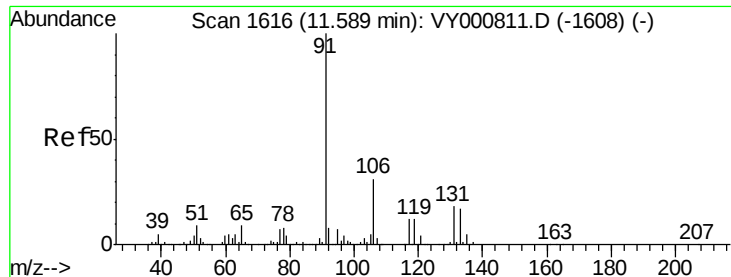
Tot Ion:112 Resp: 512611
Ion Ratio Lower Upper
112 100
114 31.2 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 54.317 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY000871.D
Acq: 05 Dec 2019 10:25

Tgt Ion:131 Resp: 176231
Ion Ratio Lower Upper
131 100
133 94.1 47.4 142.2
119 68.1 33.8 101.3

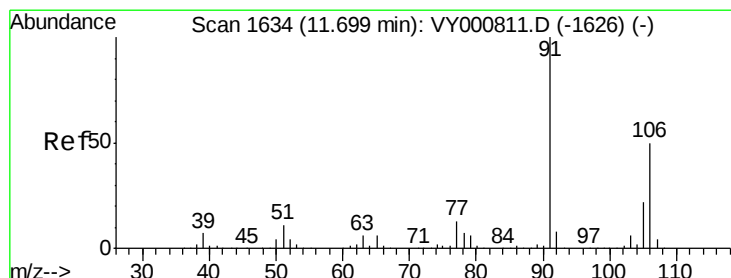
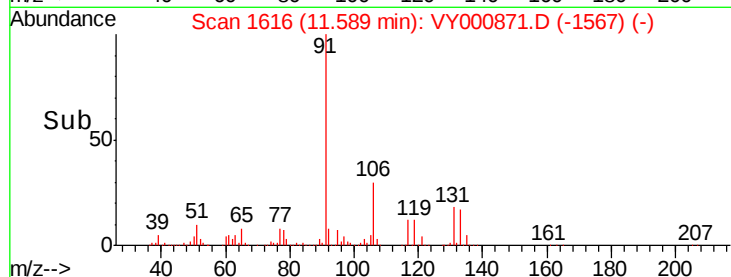
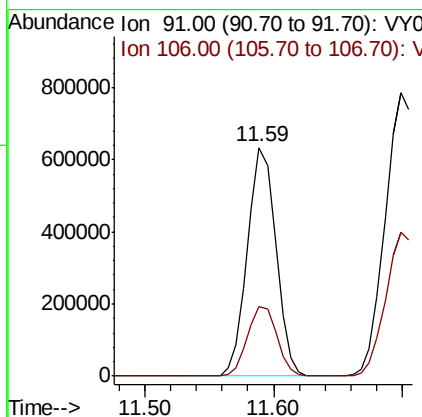
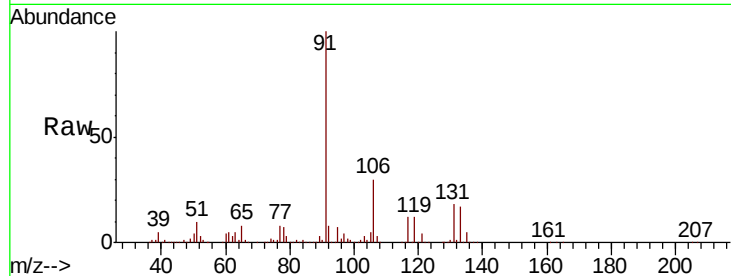




#67
Ethyl Benzene
Concen: 54.053 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY000871.D
Acq: 05 Dec 2019 10:25

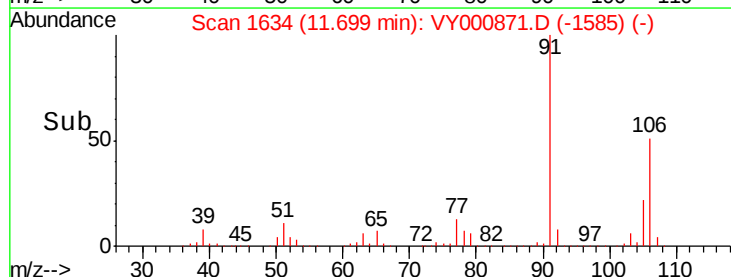
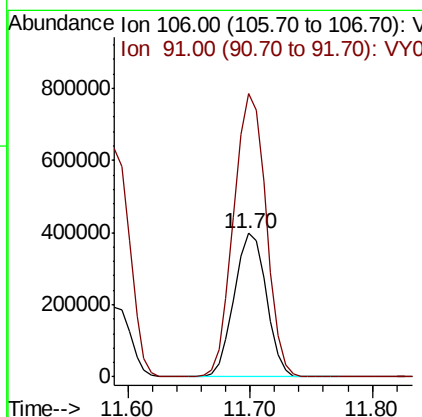
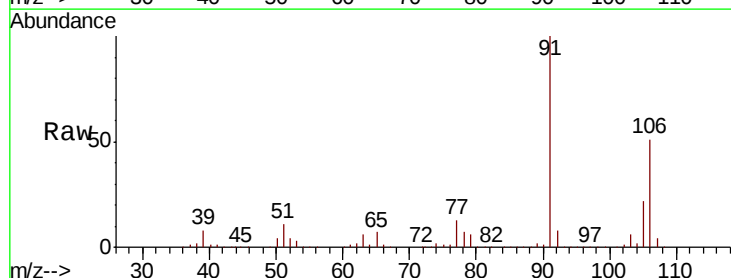
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

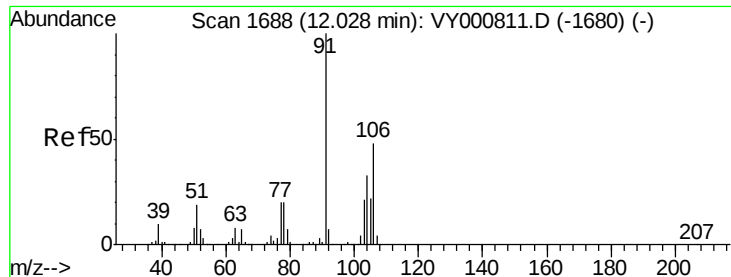
Tot Ion: 91 Resp: 969164
Ion Ratio Lower Upper
91 100
106 30.4 24.4 36.6



#68
m/p-Xylenes
Concen: 107.898 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. -0.00 min
Lab File: VY000871.D
Acq: 05 Dec 2019 10:25

Tgt Ion: 106 Resp: 726148
Ion Ratio Lower Upper
106 100
91 198.6 159.6 239.4

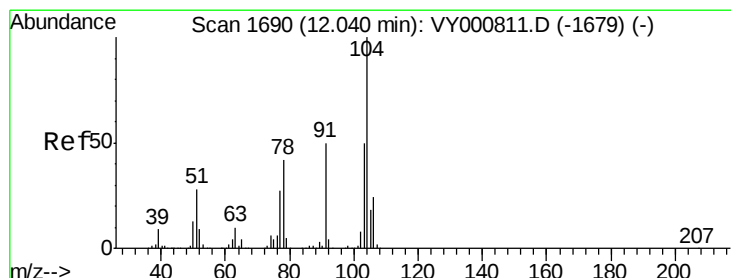
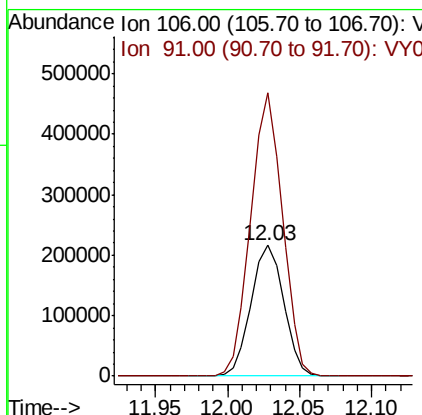
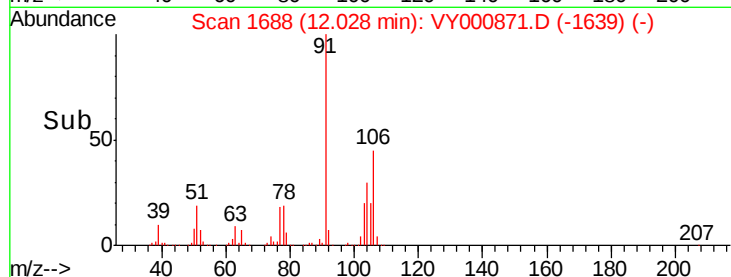
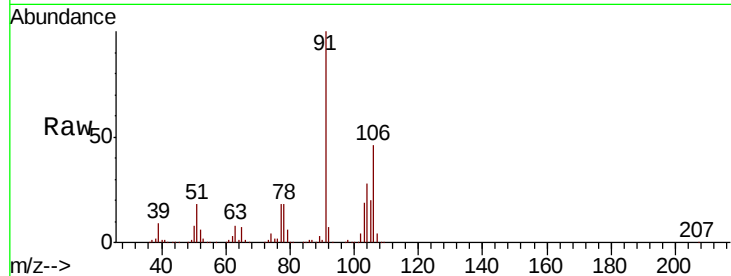




#69
o-Xylene
Concen: 54.129 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY000871.D
Acq: 05 Dec 2019 10:25

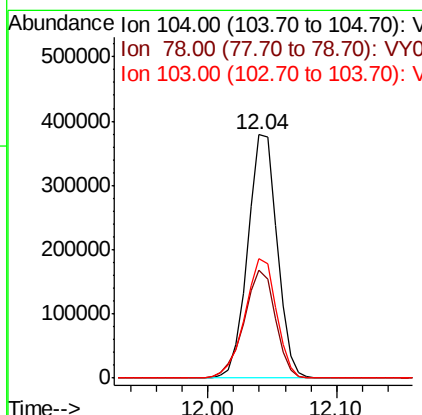
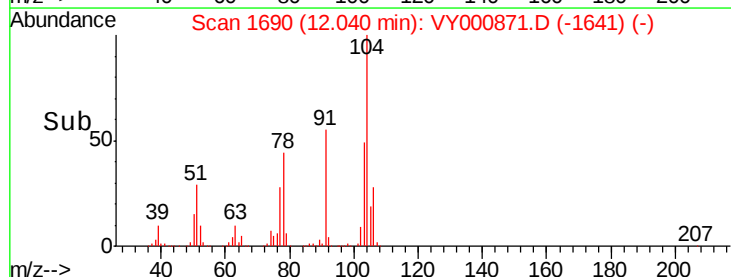
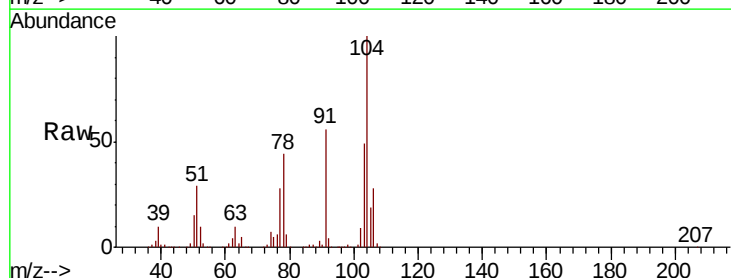
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

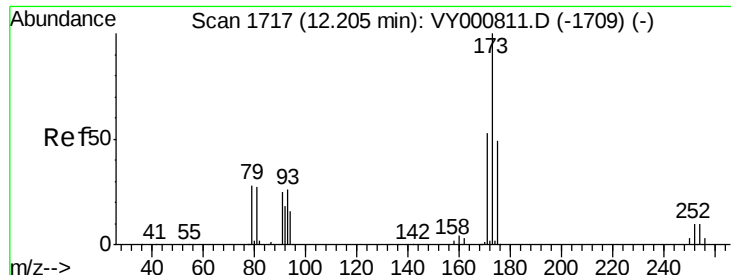
Tot Ion:106 Resp: 339659
Ion Ratio Lower Upper
106 100
91 210.5 106.1 318.1



#70
Styrene
Concen: 55.239 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VY000871.D
Acq: 05 Dec 2019 10:25

Tgt Ion:104 Resp: 593521
Ion Ratio Lower Upper
104 100
78 47.5 38.2 57.4
103 52.7 43.4 65.0





#71

Bromoform

Concen: 54.237 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VY000871.D

Acq: 05 Dec 2019 10:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

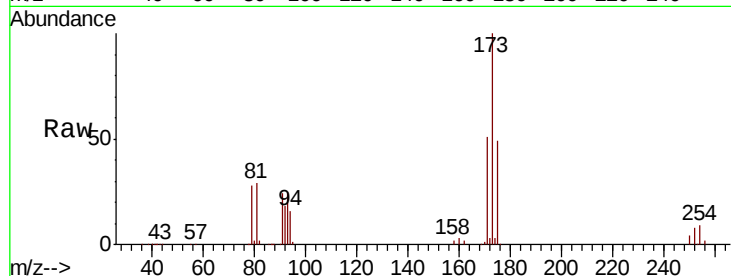
Tot Ion:173 Resp: 99248

Ion Ratio Lower Upper

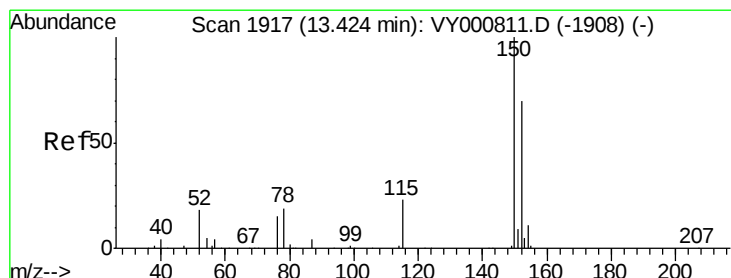
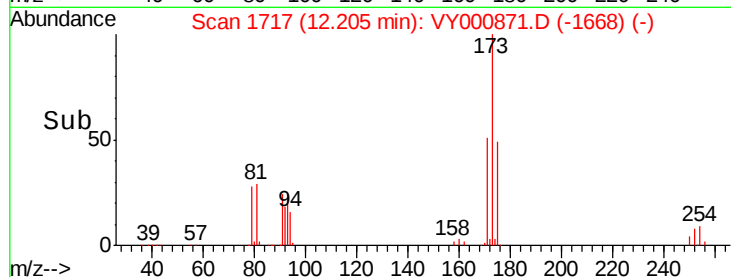
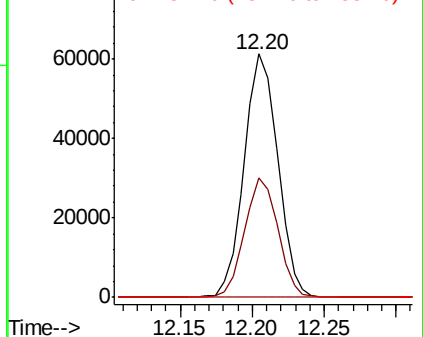
173 100

175 48.4 24.5 73.5

254 0.1 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: VY000871.D

Acq: 05 Dec 2019 10:25

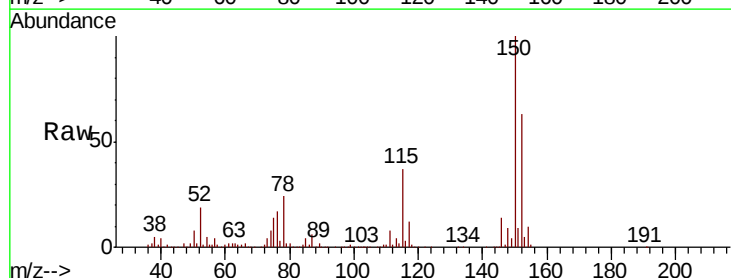
Tgt Ion:152 Resp: 217549

Ion Ratio Lower Upper

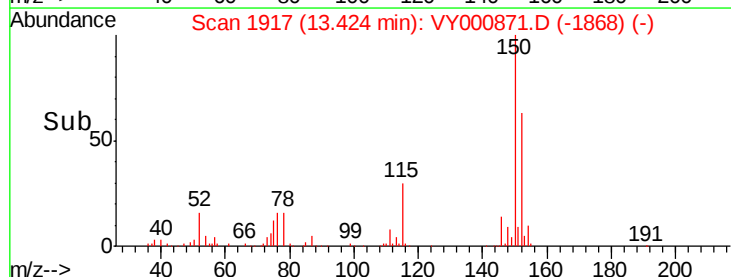
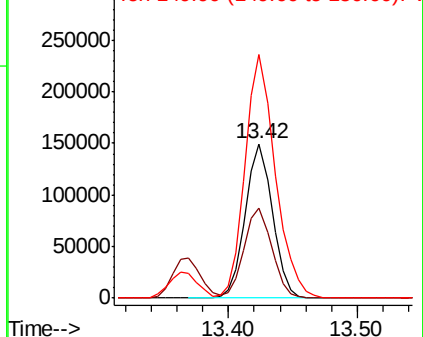
152 100

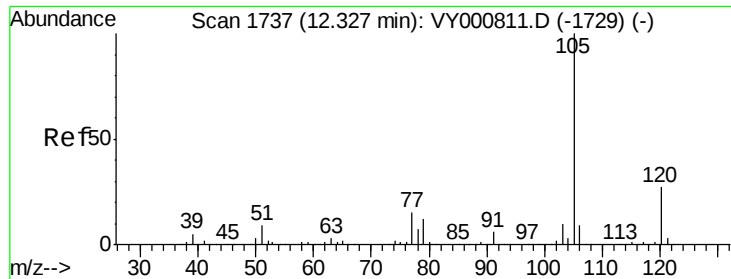
115 59.7 29.3 87.8

150 175.6 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: 53.357 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VY000871.D

Acq: 05 Dec 2019 10:25

Instrument :

MSVOA_Y

ClientSampleId :

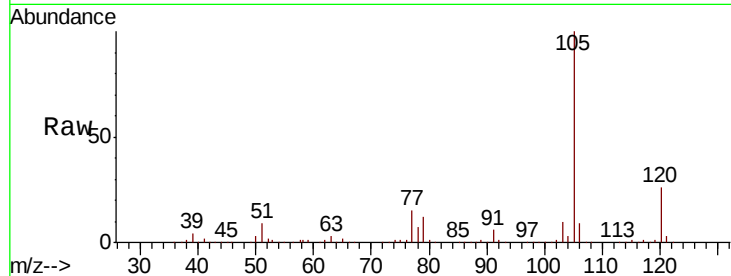
VSTDCCC050

Tot Ion:105 Resp: 924242

Ion Ratio Lower Upper

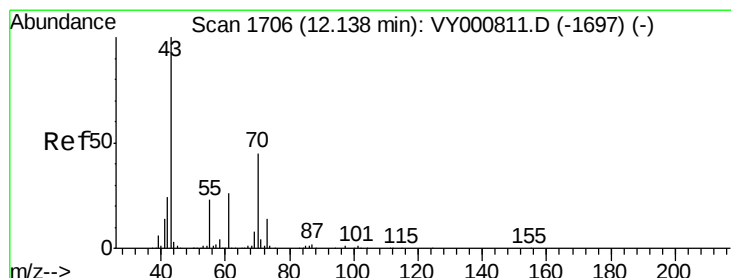
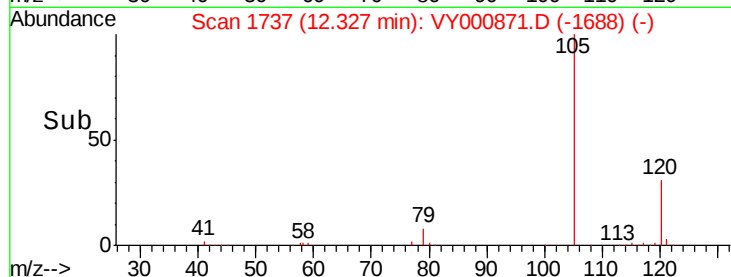
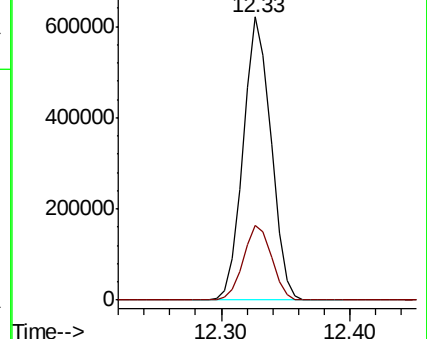
105 100

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: 51.886 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.01 min

Lab File: VY000871.D

Acq: 05 Dec 2019 10:25

Tgt Ion: 43 Resp: 250155

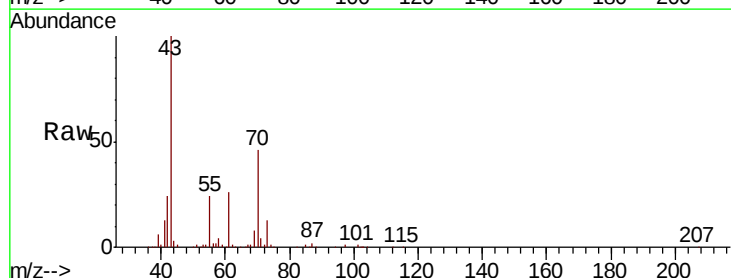
Ion Ratio Lower Upper

43 100

70 44.4 36.6 54.8

55 23.6 18.8 28.2

61 25.8 21.0 31.6

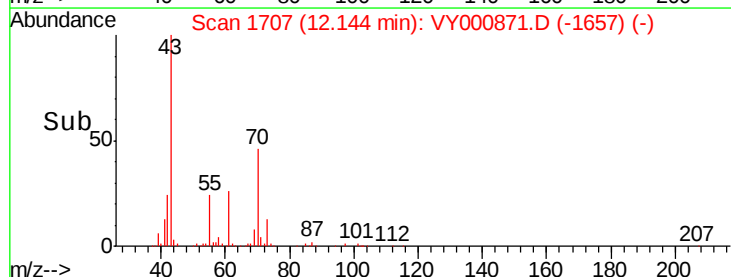
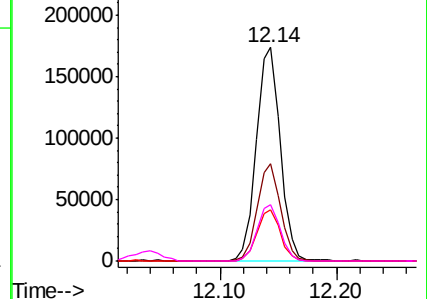


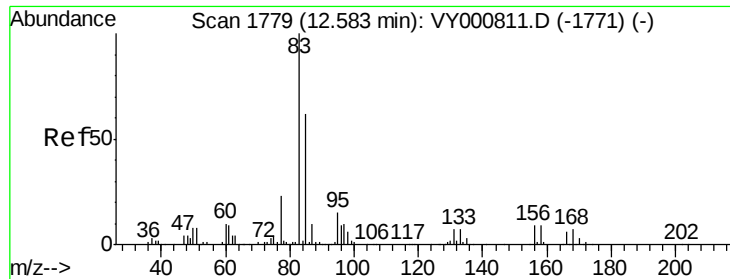
Abundance Ion 43.00 (42.70 to 43.70): VY0

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: 51.345 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY000871.D

Acq: 05 Dec 2019 10:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

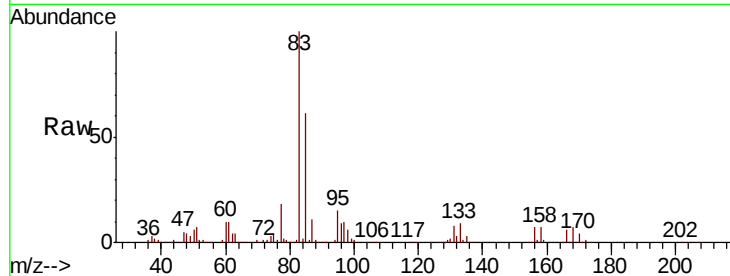
Tot Ion: 83 Resp: 175240

Ion	Ratio	Lower	Upper
83	100		
131	9.3	4.3	13.1
85	62.4	32.4	97.0

83 100

131 9.3 4.3 13.1

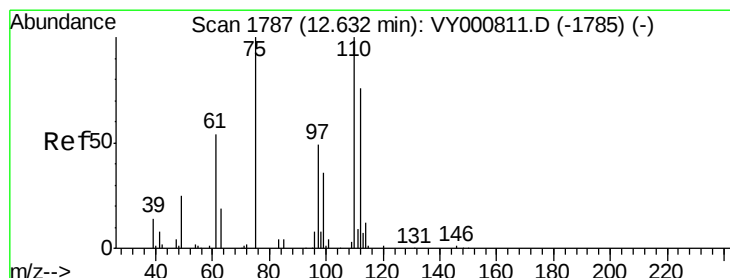
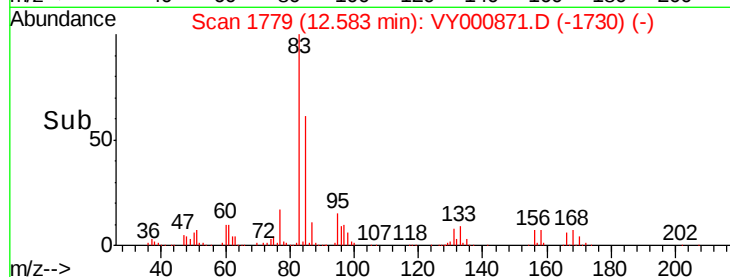
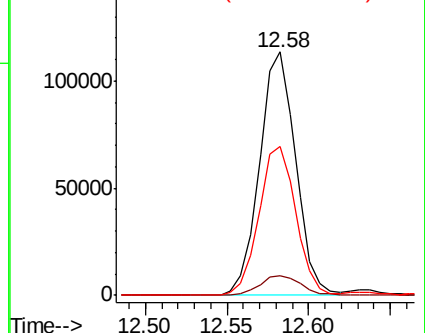
85 62.4 32.4 97.0



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: 98.448 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. -0.00 min

Lab File: VY000871.D

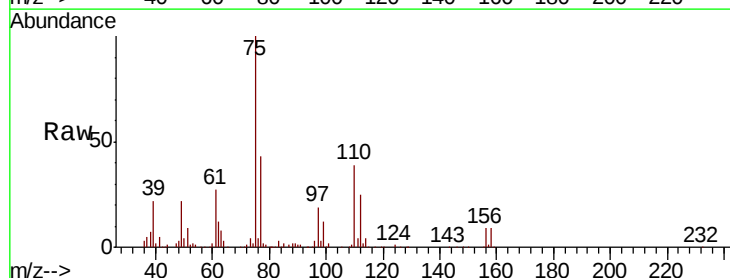
Acq: 05 Dec 2019 10:25

Tgt Ion: 75 Resp: 242655

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

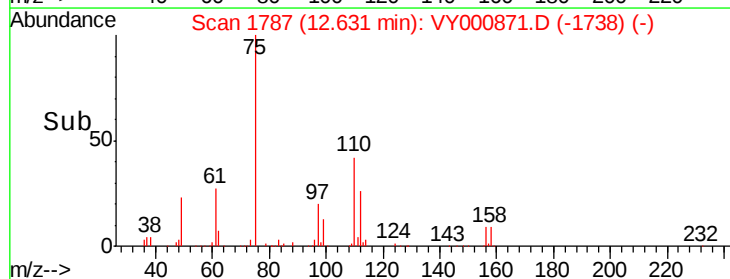
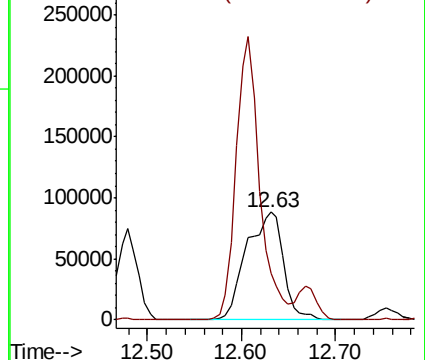
75 100

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: 53.102 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY000871.D

Acq: 05 Dec 2019 10:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

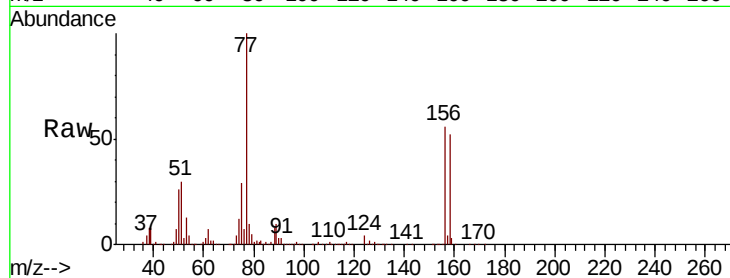
Tot Ion:156 Resp: 199382

Ion Ratio Lower Upper

156 100

77 204.0 102.6 307.7

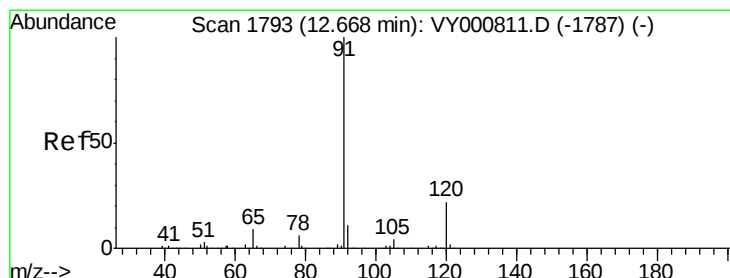
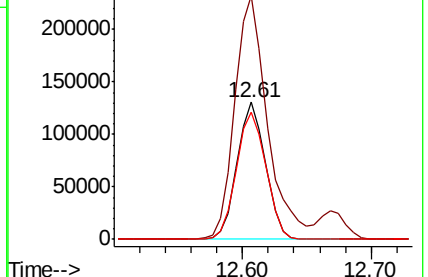
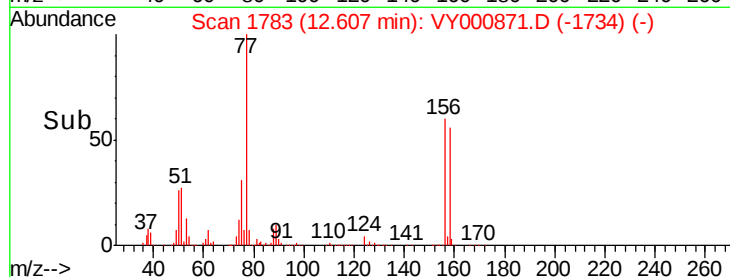
158 96.4 47.6 142.8



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: 53.180 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VY000871.D

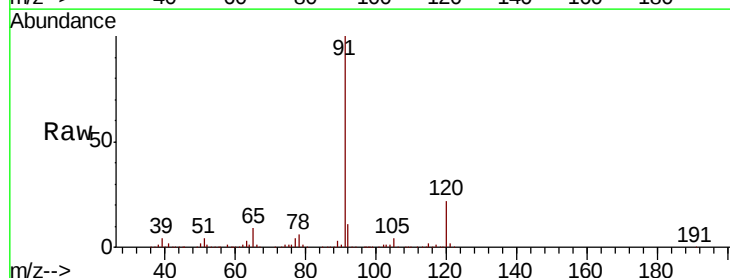
Acq: 05 Dec 2019 10:25

Tgt Ion: 91 Resp: 1124753

Ion Ratio Lower Upper

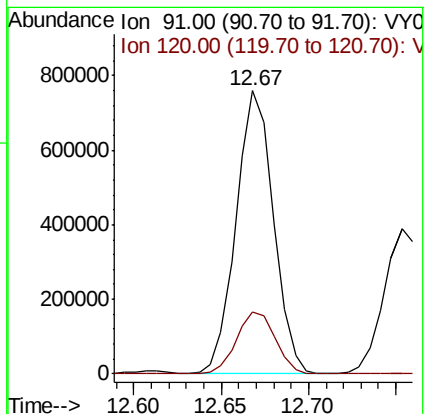
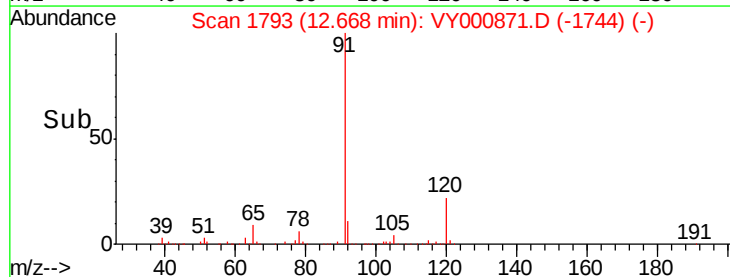
91 100

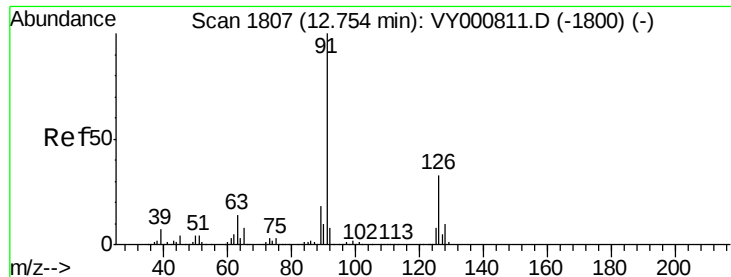
120 22.7 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 52.932 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. -0.00 min

Lab File: VY000871.D

Acq: 05 Dec 2019 10:25

Instrument :

MSVOA_Y

ClientSampleId :

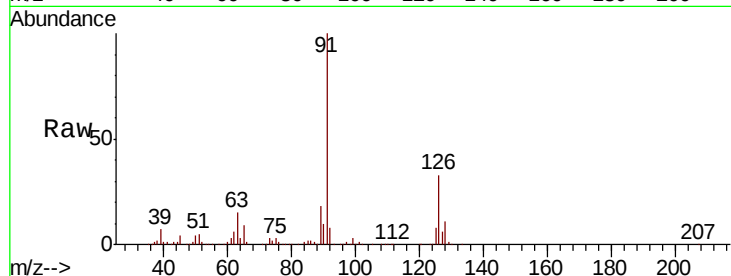
VSTDCCC050

Tot Ion: 91 Resp: 618482

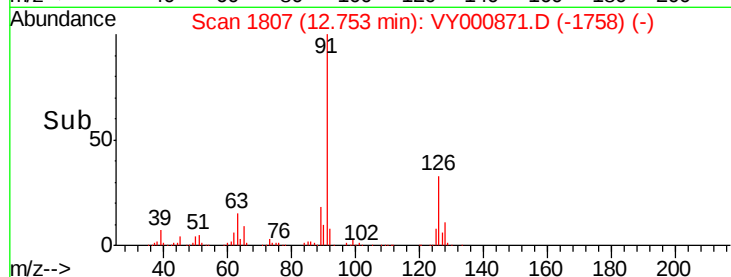
Ion Ratio Lower Upper

91 100

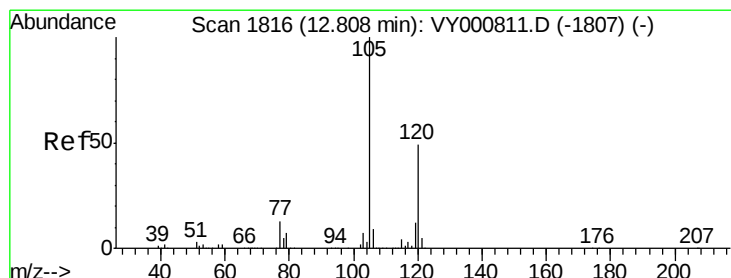
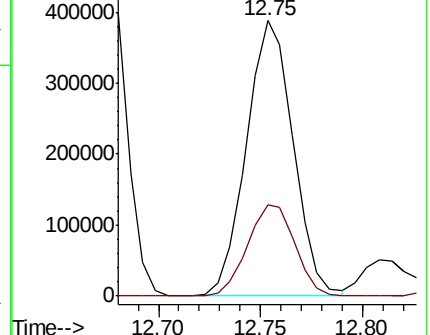
126 33.7 17.0 51.0



Abundance Ion 91.00 (90.70 to 91.70): VY000871.D (-1758) (-)



Ion 125.90 (125.60 to 126.60): VY000871.D (-1758) (-)



#80

1,3,5-Trimethylbenzene

Concen: 53.200 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VY000871.D

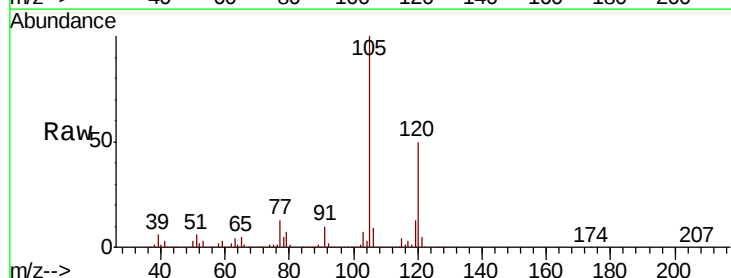
Acq: 05 Dec 2019 10:25

Tgt Ion: 105 Resp: 762993

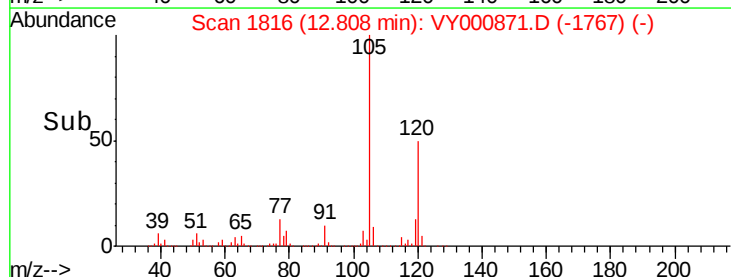
Ion Ratio Lower Upper

105 100

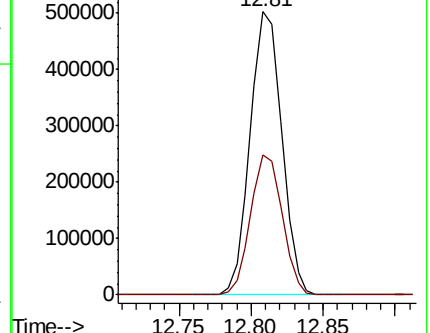
120 49.6 24.6 74.0

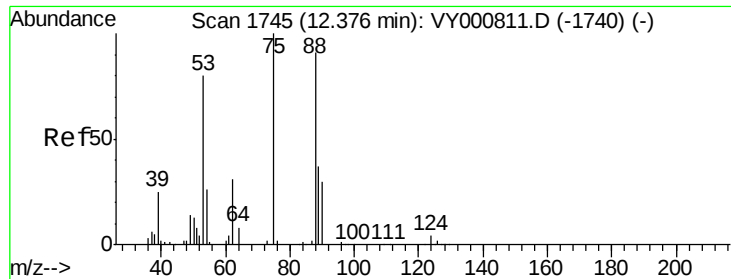


Abundance Ion 105.00 (104.70 to 105.70): VY000871.D (-1767) (-)



Ion 120.00 (119.70 to 120.70): VY000871.D (-1767) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 53.410 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. -0.00 min

Lab File: VY000871.D

Acq: 05 Dec 2019 10:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

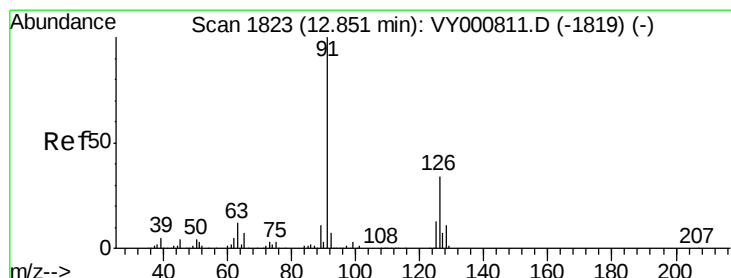
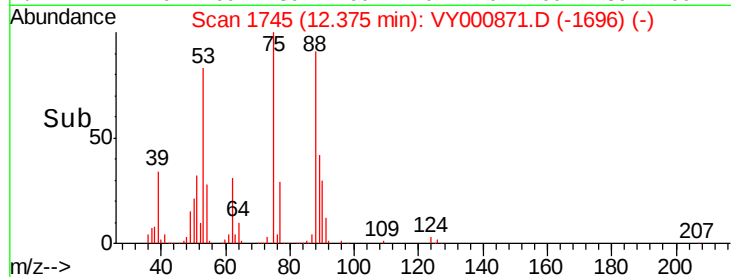
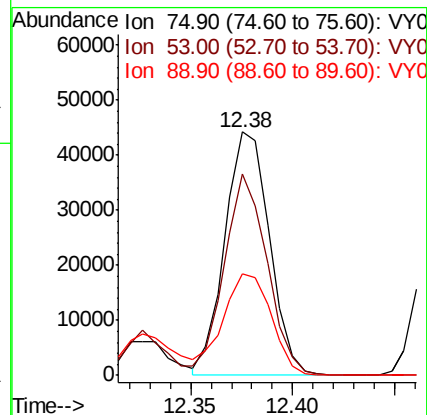
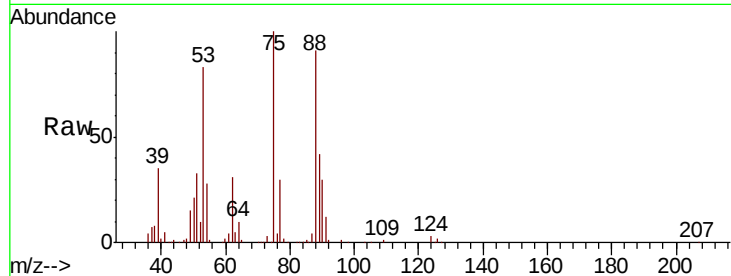
Tot Ion: 75 Resp: 67019

Ion Ratio Lower Upper

75 100

53 80.3 64.6 96.8

89 45.4 33.6 50.4



#82

4-Chlorotoluene

Concen: 53.175 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. -0.00 min

Lab File: VY000871.D

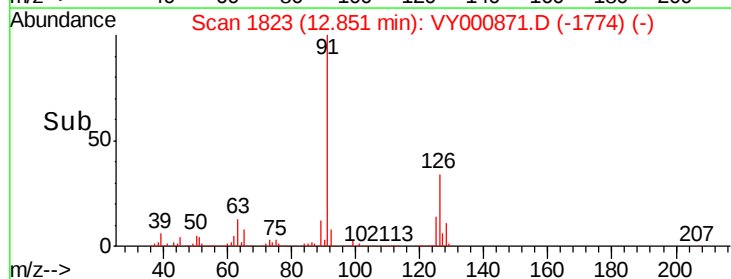
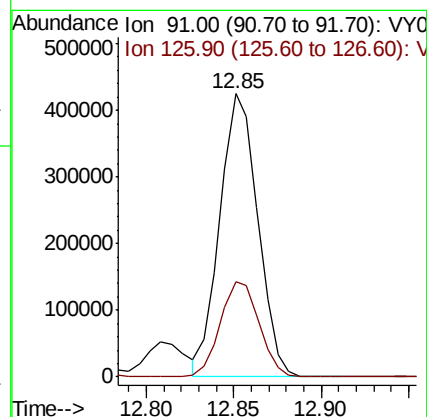
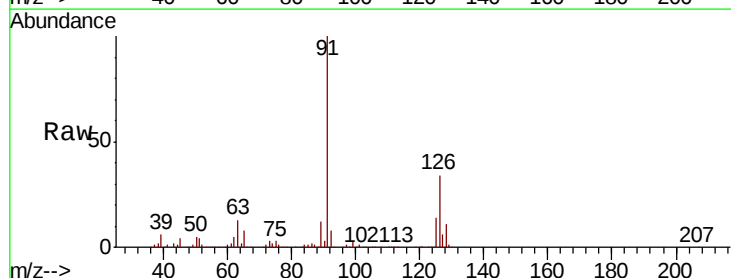
Acq: 05 Dec 2019 10:25

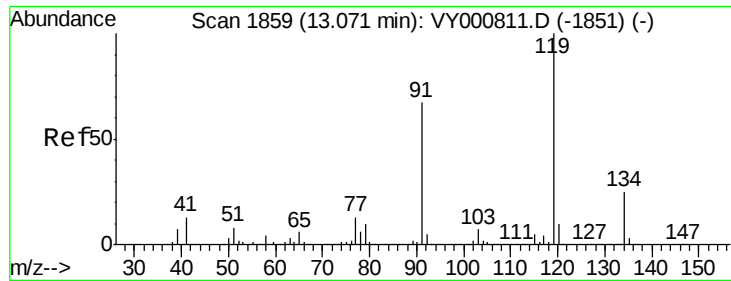
Tgt Ion: 91 Resp: 640117

Ion Ratio Lower Upper

91 100

126 34.6 17.3 51.9





#83

tert-Butylbenzene

Concen: 53.264 ug/l

RT: 13.07 min Scan# 1859

Delta R.T. -0.00 min

Lab File: VY000871.D

Acq: 05 Dec 2019 10:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

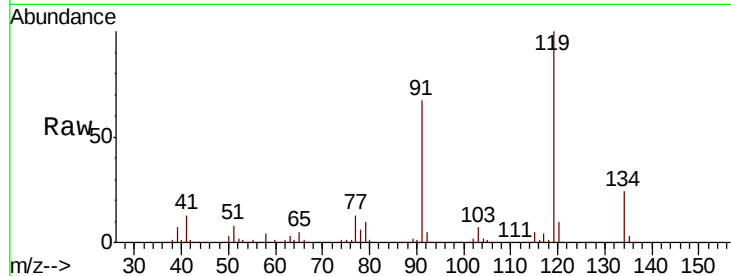
Tot Ion:119 Resp: 642254

Ion Ratio Lower Upper

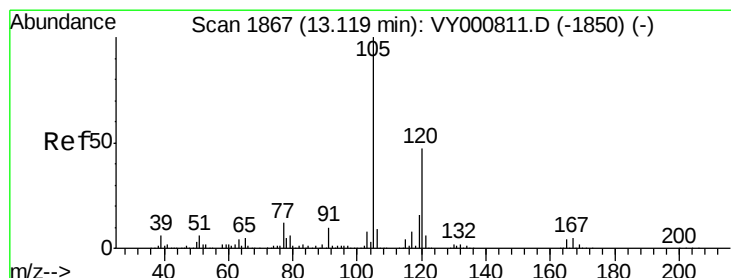
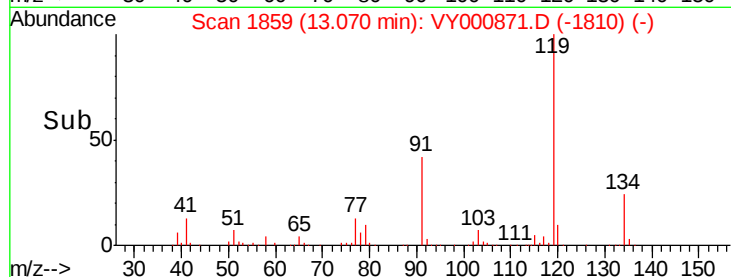
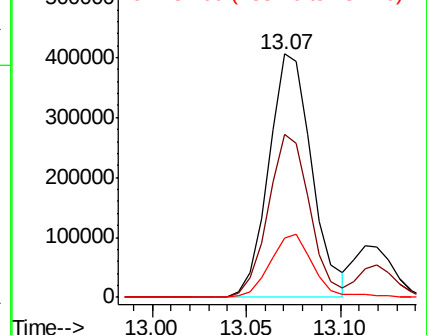
119 100

91 64.7 32.3 96.8

134 25.9 12.9 38.7



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



#84

1,2,4-Trimethylbenzene

Concen: 52.778 ug/l

RT: 13.12 min Scan# 1867

Delta R.T. -0.00 min

Lab File: VY000871.D

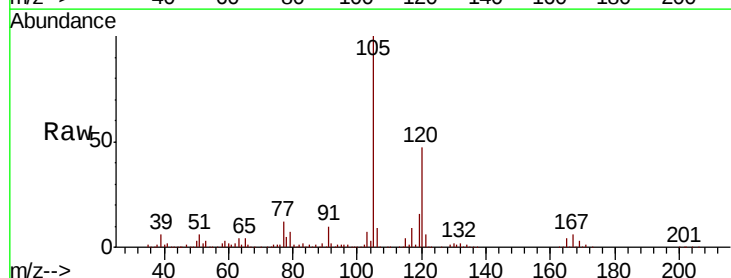
Acq: 05 Dec 2019 10:25

Tgt Ion:105 Resp: 757306

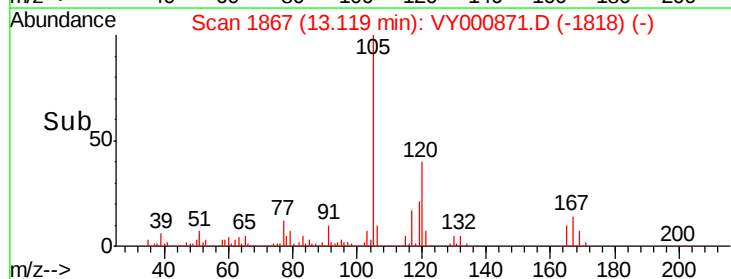
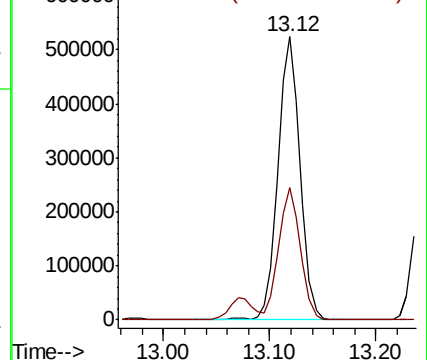
Ion Ratio Lower Upper

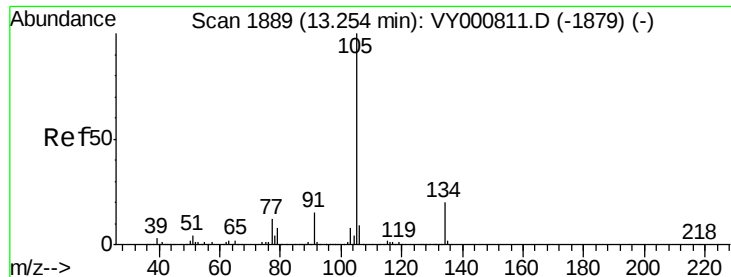
105 100

120 45.5 22.6 67.8



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





#85

sec-Butylbenzene

Concen: 53.389 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY000871.D

Acq: 05 Dec 2019 10:25

Instrument :

MSVOA_Y

ClientSampleId :

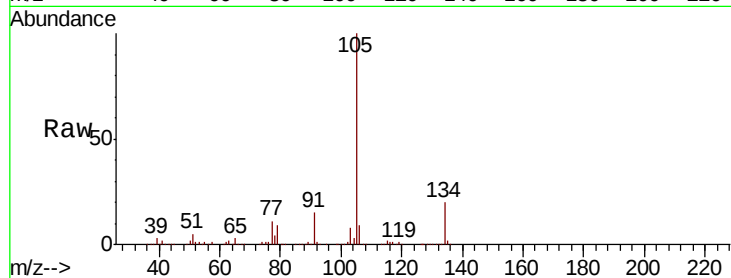
VSTDCCC050

Tot Ion:105 Resp: 936254

Ion Ratio Lower Upper

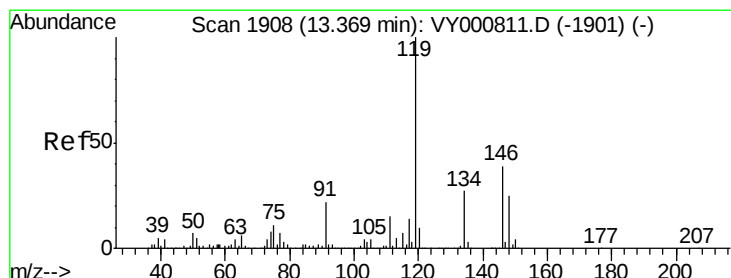
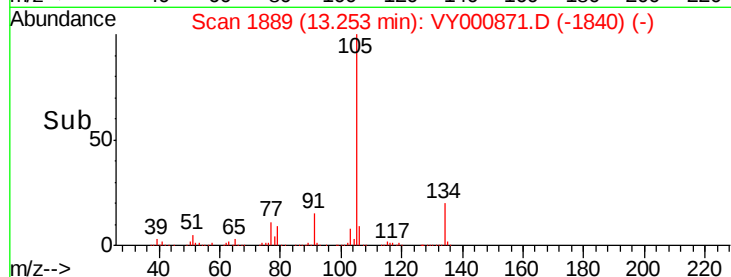
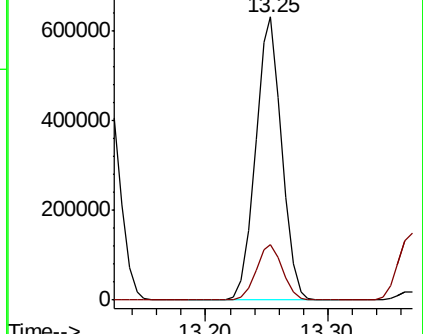
105 100

134 19.7 10.1 30.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 53.545 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY000871.D

Acq: 05 Dec 2019 10:25

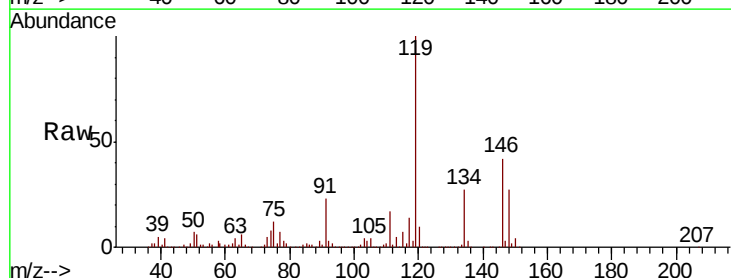
Tgt Ion:119 Resp: 816716

Ion Ratio Lower Upper

119 100

134 26.5 13.5 40.4

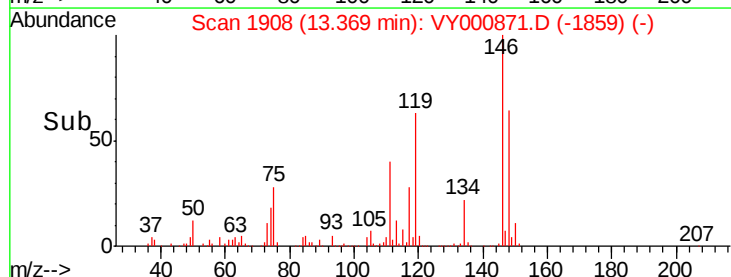
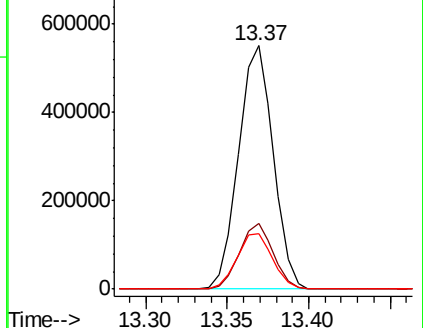
91 23.2 11.5 34.5

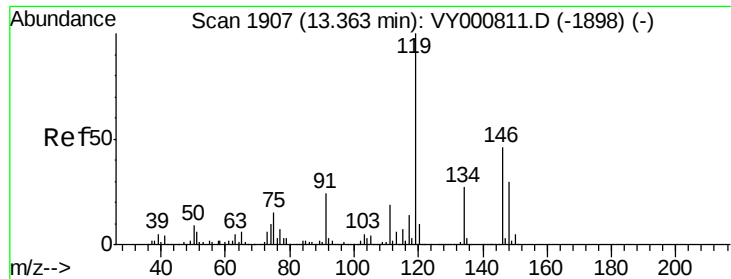


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

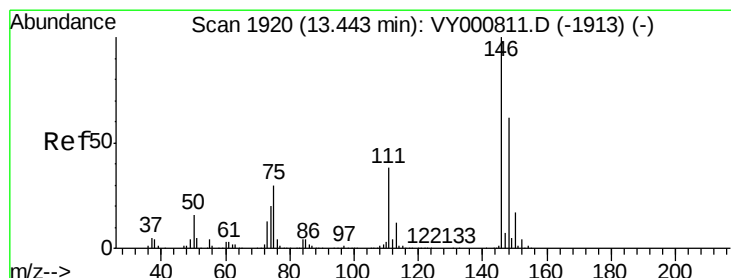
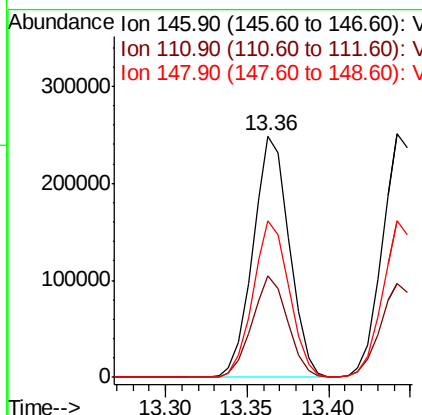
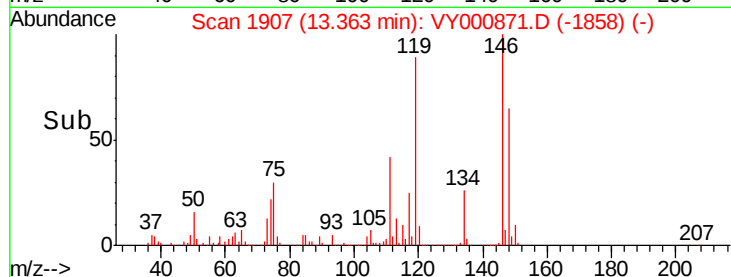
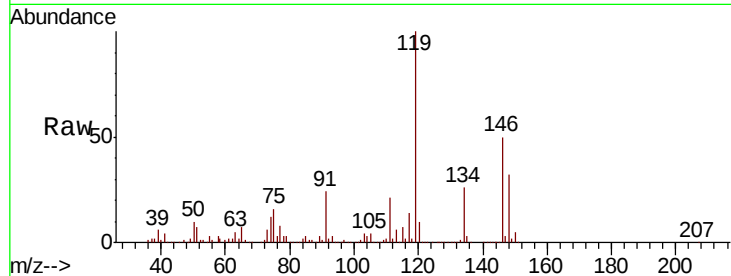




#87
 1,3-Dichlorobenzene
 Concen: 52.047 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VY000871.D
 Acq: 05 Dec 2019 10:25

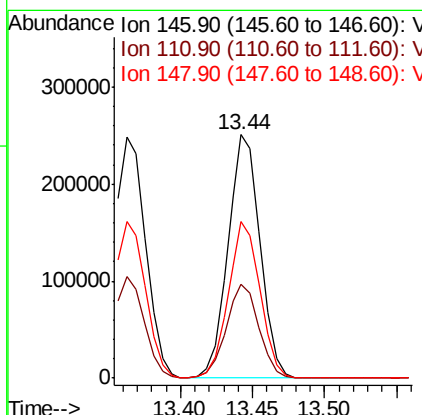
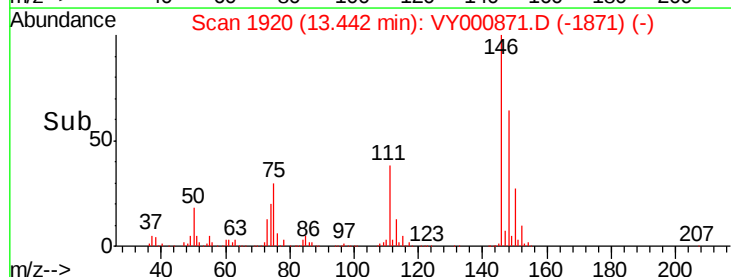
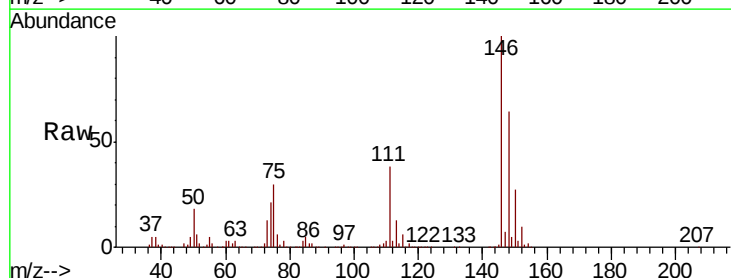
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

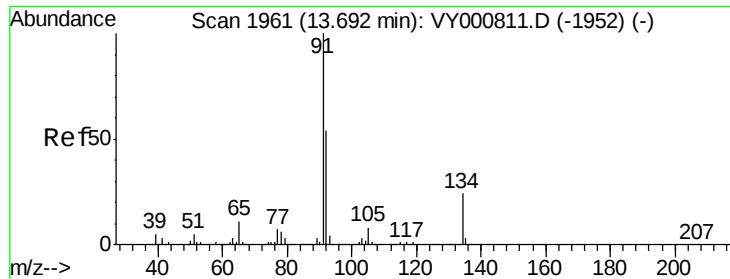
Tot Ion:146 Resp: 383363
 Ion Ratio Lower Upper
 146 100
 111 41.1 20.0 60.0
 148 64.4 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 53.467 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. -0.00 min
 Lab File: VY000871.D
 Acq: 05 Dec 2019 10:25

Tgt Ion:146 Resp: 389945
 Ion Ratio Lower Upper
 146 100
 111 39.3 20.0 59.9
 148 63.3 31.7 95.1

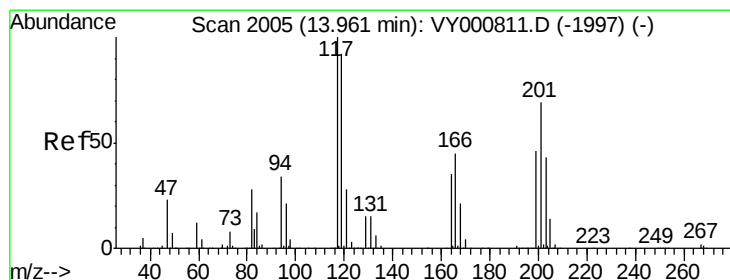
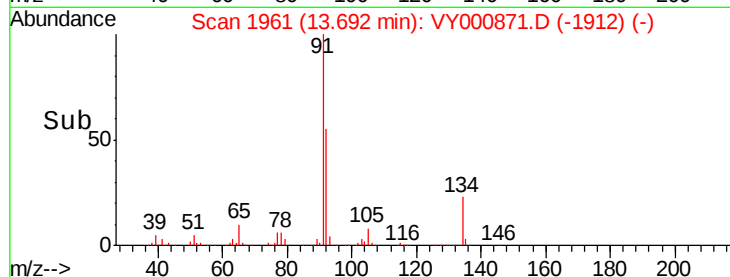
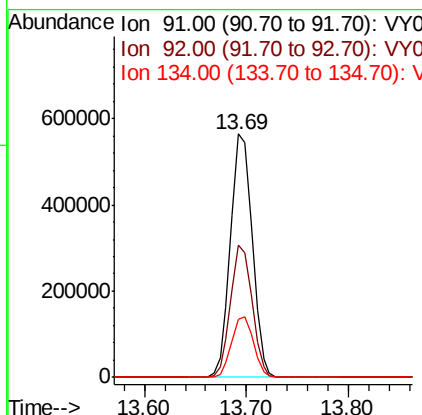
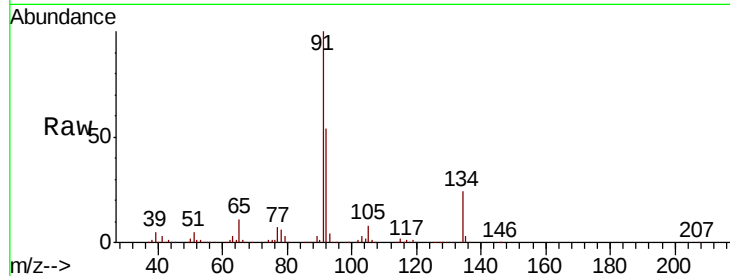




#89
n-Butylbenzene
Concen: 53.959 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. -0.00 min
Lab File: VY000871.D
Acq: 05 Dec 2019 10:25

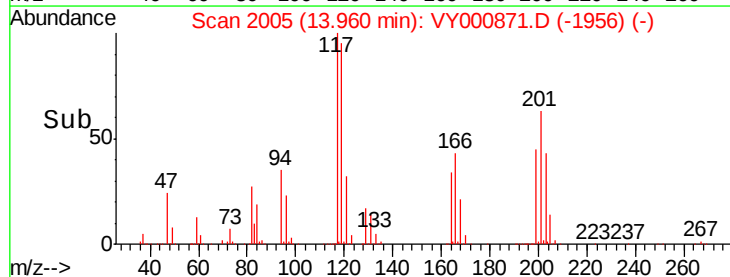
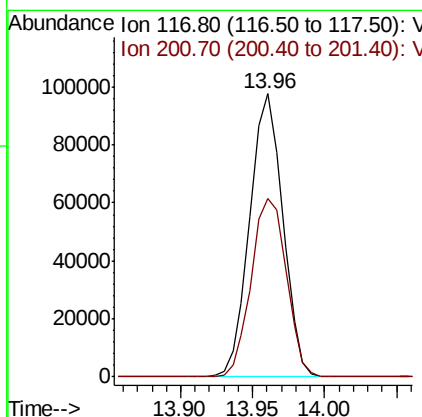
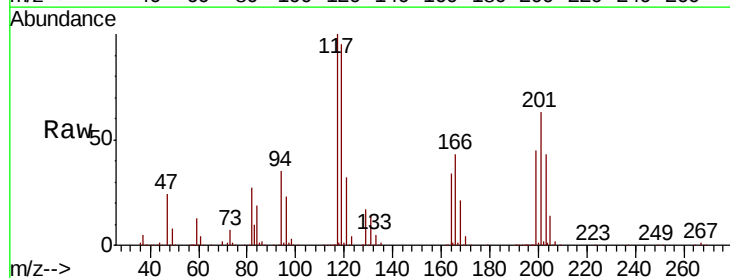
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

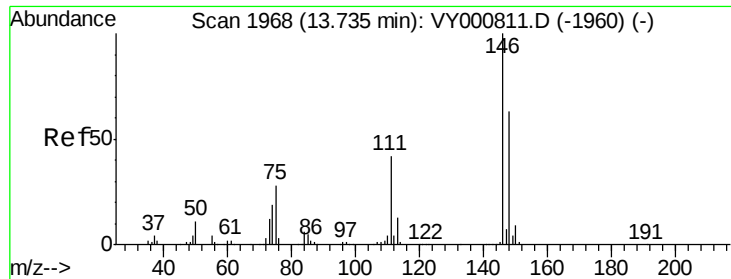
Tot Ion	Ratio	Lower	Upper
91	100		
92	53.6	26.9	80.7
134	24.9	12.6	37.6



#90
Hexachloroethane
Concen: 55.240 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.00 min
Lab File: VY000871.D
Acq: 05 Dec 2019 10:25

Tgt Ion	Ratio	Lower	Upper
117	100		
201	67.1	34.0	102.0





#91

1,2-Dichlorobenzene

Concen: 53.126 ug/l

RT: 13.73 min Scan# 1968

Delta R.T. -0.00 min

Lab File: VY000871.D

Acq: 05 Dec 2019 10:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

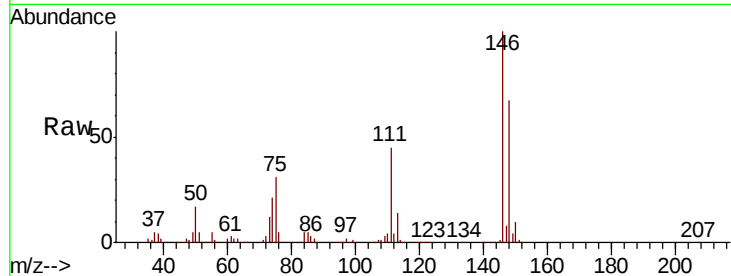
Tot Ion:146 Resp: 351982

Ion Ratio Lower Upper

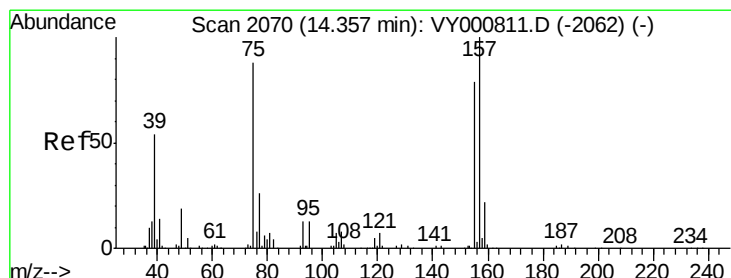
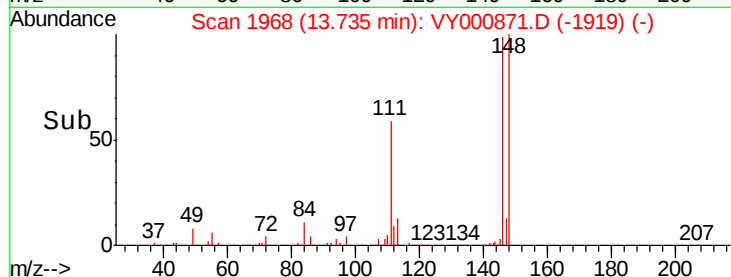
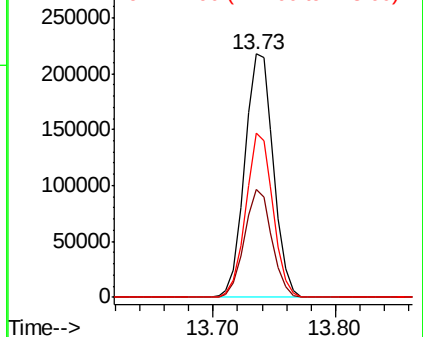
146 100

111 42.7 20.9 62.7

148 64.2 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: 50.736 ug/l

RT: 14.36 min Scan# 2070

Delta R.T. -0.00 min

Lab File: VY000871.D

Acq: 05 Dec 2019 10:25

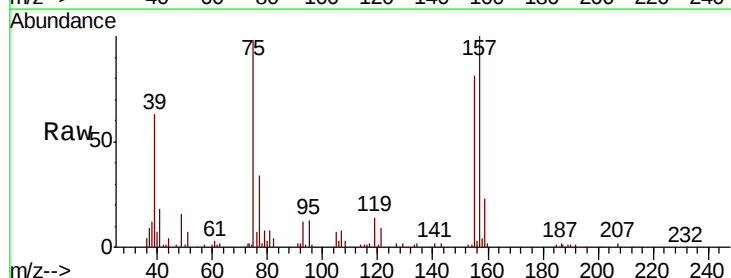
Tgt Ion: 75 Resp: 28990

Ion Ratio Lower Upper

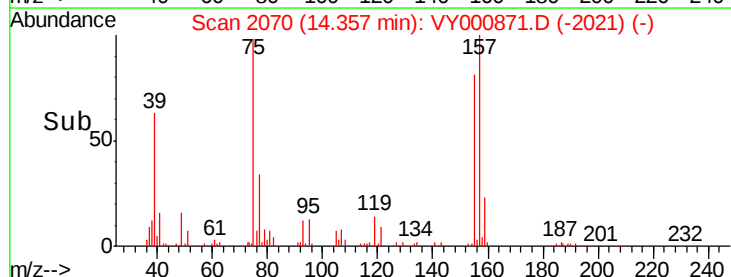
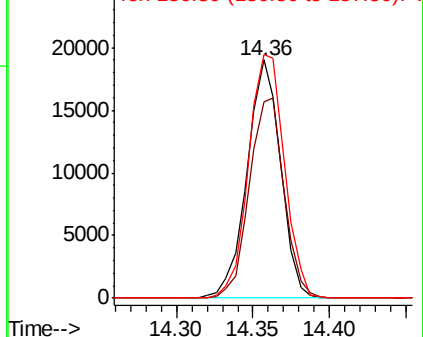
75 100

155 87.0 44.3 132.9

157 109.7 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

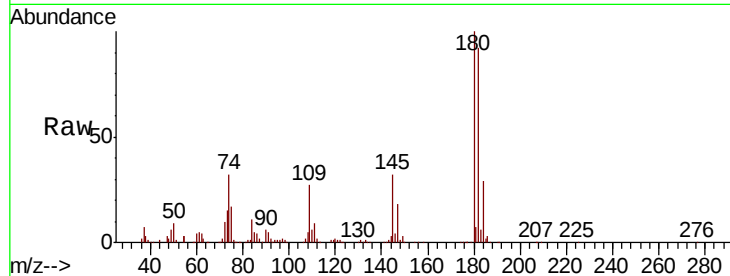




#93
 1,2,4-Trichlorobenzene
 Concen: 53.633 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VY000871.D
 Acq: 05 Dec 2019 10:25

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.8	47.3	141.9
145	30.8	16.0	47.9

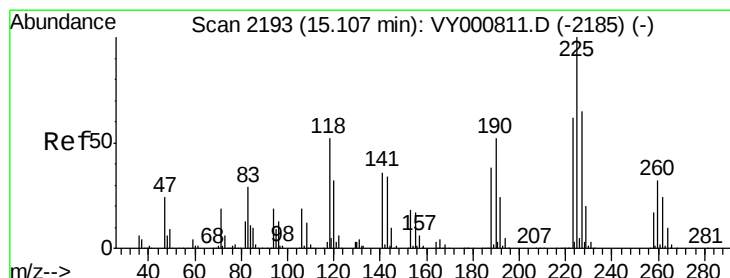
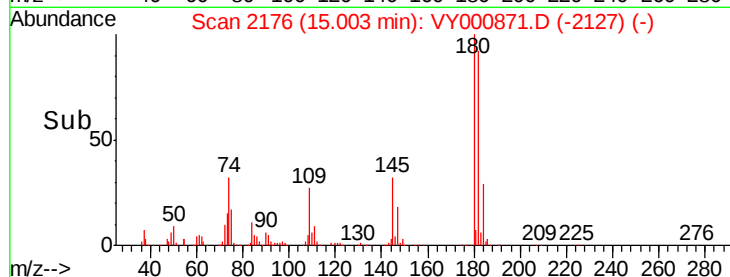
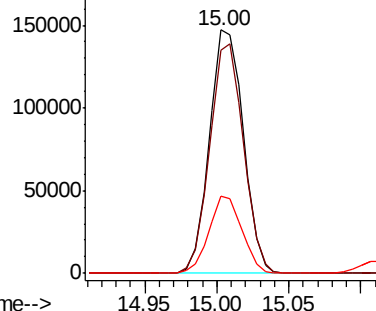


Abundance

Ion 179.80 (179.50 to 180.50): V

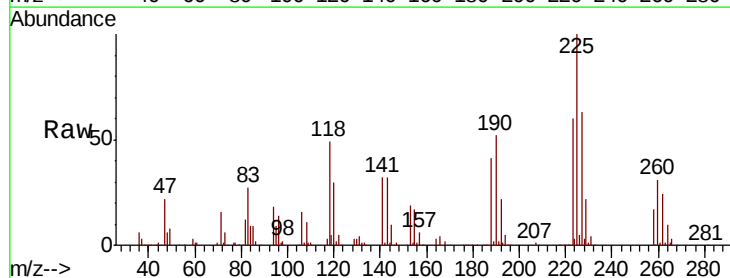
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 53.293 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.01 min
 Lab File: VY000871.D
 Acq: 05 Dec 2019 10:25

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.7	31.4	94.3
227	62.7	31.8	95.3

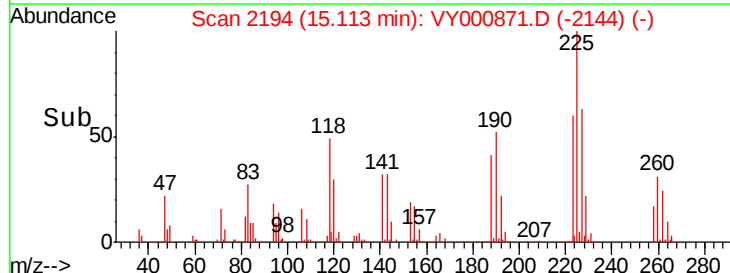
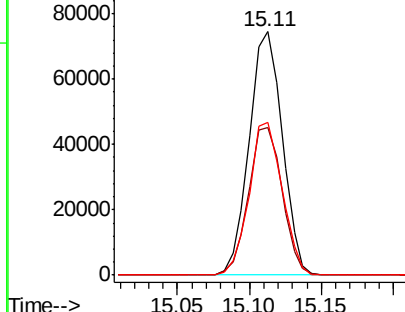


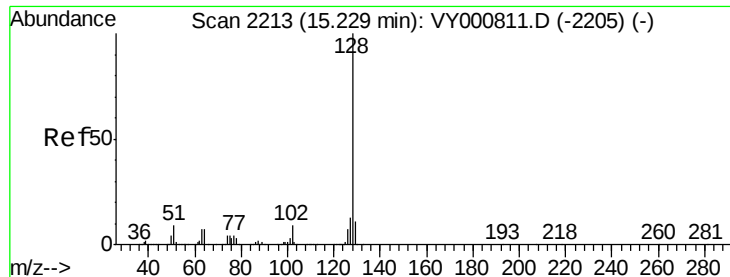
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

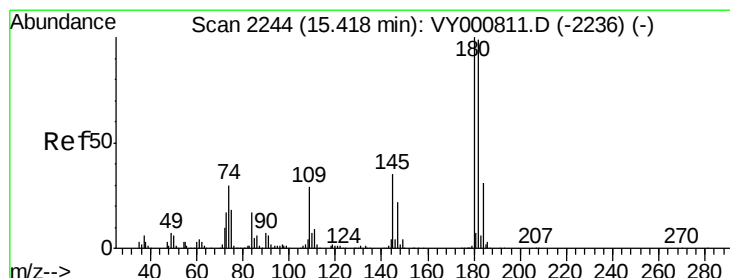
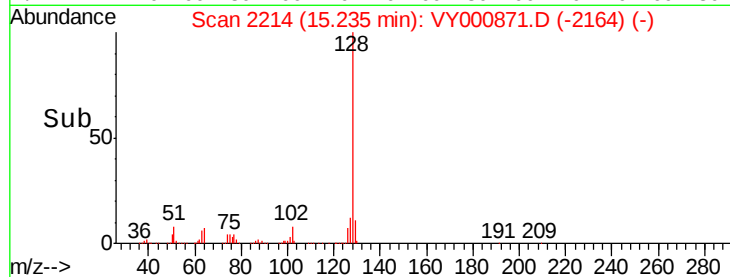
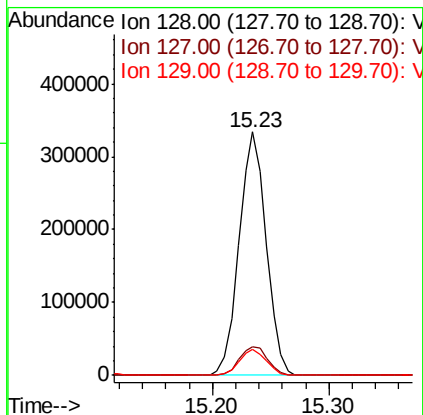
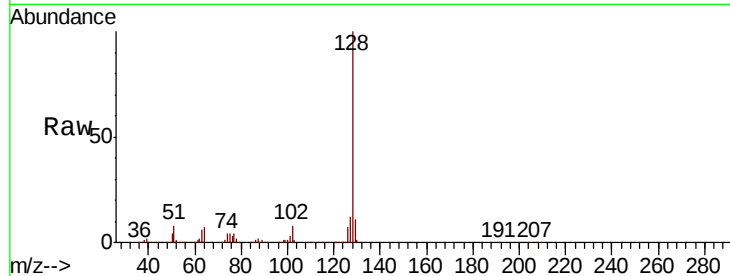




#95
Naphthalene
Concen: 51.960 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.01 min
Lab File: VY000871.D
Acq: 05 Dec 2019 10:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 540899
Ion Ratio Lower Upper
128 100
127 12.2 10.1 15.1
129 10.7 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 52.316 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. 0.01 min
Lab File: VY000871.D
Acq: 05 Dec 2019 10:25

Tgt Ion:180 Resp: 209502
Ion Ratio Lower Upper
180 100
182 97.0 48.0 144.0
145 33.2 16.9 50.6

