

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY040820\
 Data File : VY002261.D
 Acq On : 08 Apr 2020 19:31
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 3.86G/5ML/MSVOA Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Apr 09 01:57:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y040820S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 08 15:15:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	164407	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	313154	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	286059	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	131658	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.16	65	96211	52.62	ug/l	0.00
Spiked Amount			Recovery	=	105.24%	
35) Dibromofluoromethane	7.74	113	90688	48.67	ug/l	0.00
Spiked Amount			Recovery	=	97.34%	
50) Toluene-d8	10.19	98	375515	48.15	ug/l	0.00
Spiked Amount			Recovery	=	96.30%	
62) 4-Bromofluorobenzene	12.49	95	130189	50.60	ug/l	0.00
Spiked Amount			Recovery	=	101.20%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	78367	47.164	ug/l	100
3) Chloromethane	2.12	50	101621	48.594	ug/l	100
4) Vinyl Chloride	2.26	62	103653	46.568	ug/l	98
5) Bromomethane	2.66	94	67629	49.201	ug/l	100
6) Chloroethane	2.80	64	63276	49.292	ug/l	99
7) Trichlorofluoromethane	3.14	101	132550	46.112	ug/l	96
8) Diethyl Ether	3.55	74	61735	50.518	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.91	101	89790	45.984	ug/l	99
10) Methyl Iodide	4.11	142	110222	48.562	ug/l	99
11) Tert butyl alcohol	4.98	59	51215	264.965	ug/l	98
12) 1,1-Dichloroethene	3.89	96	91905	46.296	ug/l	99
13) Acrolein	3.75	56	56481	239.591	ug/l	100
14) Allyl chloride	4.50	41	166451	51.923	ug/l	98
15) Acrylonitrile	5.19	53	162470	259.984	ug/l	100
16) Acetone	3.97	43	112639	233.910	ug/l	99
17) Carbon Disulfide	4.21	76	309484	46.942	ug/l	99
18) Methyl Acetate	4.50	43	80762	54.070	ug/l	96
19) Methyl tert-butyl Ether	5.24	73	270451	51.821	ug/l	100
20) Methylene Chloride	4.74	84	110651	46.750	ug/l	97
21) trans-1,2-Dichloroethene	5.24	96	106391	47.746	ug/l	99
22) Diisopropyl ether	6.14	45	343720	53.279	ug/l	97
23) Vinyl Acetate	6.08	43	1110590	270.139	ug/l	98
24) 1,1-Dichloroethane	6.04	63	186826	50.914	ug/l	97
25) 2-Butanone	7.00	43	196631	258.021	ug/l	98
26) 2,2-Dichloropropane	7.00	77	140522	45.780	ug/l	99
27) cis-1,2-Dichloroethene	7.00	96	118467	48.772	ug/l	98
28) Bromochloromethane	7.35	49	83105	52.464	ug/l	96
29) Tetrahydrofuran	7.36	42	135084	268.157	ug/l	96
30) Chloroform	7.52	83	175712	50.798	ug/l	98
31) Cyclohexane	7.80	56	180966	46.983	ug/l	99
32) 1,1,1-Trichloroethane	7.72	97	141893	49.284	ug/l	99
36) 1,1-Dichloropropene	7.93	75	142180	46.095	ug/l	99
37) Ethyl Acetate	7.09	43	88632	50.298	ug/l	99
38) Carbon Tetrachloride	7.91	117	119809	45.410	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	190792	45.471	ug/l	97
40) Benzene	8.18	78	442749	47.310	ug/l	99
41) Methacrylonitrile	7.36	41	118601	114.094	ug/l #	100
42) 1,2-Dichloroethane	8.25	62	114713	49.483	ug/l	99
43) Isopropyl Acetate	8.28	43	166203	51.717	ug/l	98
44) Trichloroethene	8.95	130	124716	45.328	ug/l	97
45) 1,2-Dichloropropane	9.22	63	113484	48.874	ug/l	98
46) Dibromomethane	9.32	93	58862	48.483	ug/l	99
47) Bromodichloromethane	9.50	83	138603	49.755	ug/l	97
48) Methyl methacrylate	9.30	41	72575	50.364	ug/l	99
49) 1,4-Dioxane	9.30	88	16708	972.881	ug/l	94
51) 4-Methyl-2-Pentanone	10.08	43	427488	255.275	ug/l	99
52) Toluene	10.25	92	266325	47.222	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	150962	49.737	ug/l	98
54) cis-1,3-Dichloropropene	9.94	75	178258	48.851	ug/l	98
55) 1,1,2-Trichloroethane	10.65	97	86746	48.803	ug/l	99
56) Ethyl methacrylate	10.52	69	130388	51.397	ug/l	99
57) 1,3-Dichloropropane	10.80	76	154319	49.394	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.79	63	338368	257.566	ug/l	99
59) 2-Hexanone	10.84	43	298081	256.473	ug/l	98
60) Dibromochloromethane	10.99	129	93835	49.509	ug/l	100
61) 1,2-Dibromoethane	11.10	107	83623	49.418	ug/l	100
64) Tetrachloroethene	10.72	164	132181	45.704	ug/l	97
65) Chlorobenzene	11.52	112	276226	46.453	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.60	131	95486	48.637	ug/l	99
67) Ethyl Benzene	11.60	91	507839	46.651	ug/l	100
68) m/p-Xylenes	11.70	106	378456	92.822	ug/l	99
69) o-Xylene	12.03	106	180072	47.042	ug/l	99
70) Styrene	12.05	104	316254	47.621	ug/l	99
71) Bromoform	12.21	173	53222	49.850	ug/l #	100
73) Isopropylbenzene	12.33	105	472591	45.691	ug/l	100
74) N-amyl acetate	12.15	43	149934	51.067	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.59	83	60361	48.235	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	134628	88.059	ug/l #	100
77) Bromobenzene	12.61	156	108193	47.545	ug/l	98
78) n-propylbenzene	12.67	91	580880	45.156	ug/l	100
79) 2-Chlorotoluene	12.76	91	324619	46.435	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	393621	46.015	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	37783	48.067	ug/l	94
82) 4-Chlorotoluene	12.86	91	334507	45.653	ug/l	100
83) tert-Butylbenzene	13.08	119	327870	45.759	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	396145	46.377	ug/l	98
85) sec-Butylbenzene	13.26	105	482810	45.233	ug/l	100
86) p-Isopropyltoluene	13.38	119	418755	45.583	ug/l	99
87) 1,3-Dichlorobenzene	13.37	146	200687	45.506	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	201383	44.985	ug/l	99
89) n-Butylbenzene	13.70	91	424919	45.125	ug/l	99
90) Hexachloroethane	13.97	117	80728	46.115	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	183856	45.879	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	15480	51.147	ug/l	94

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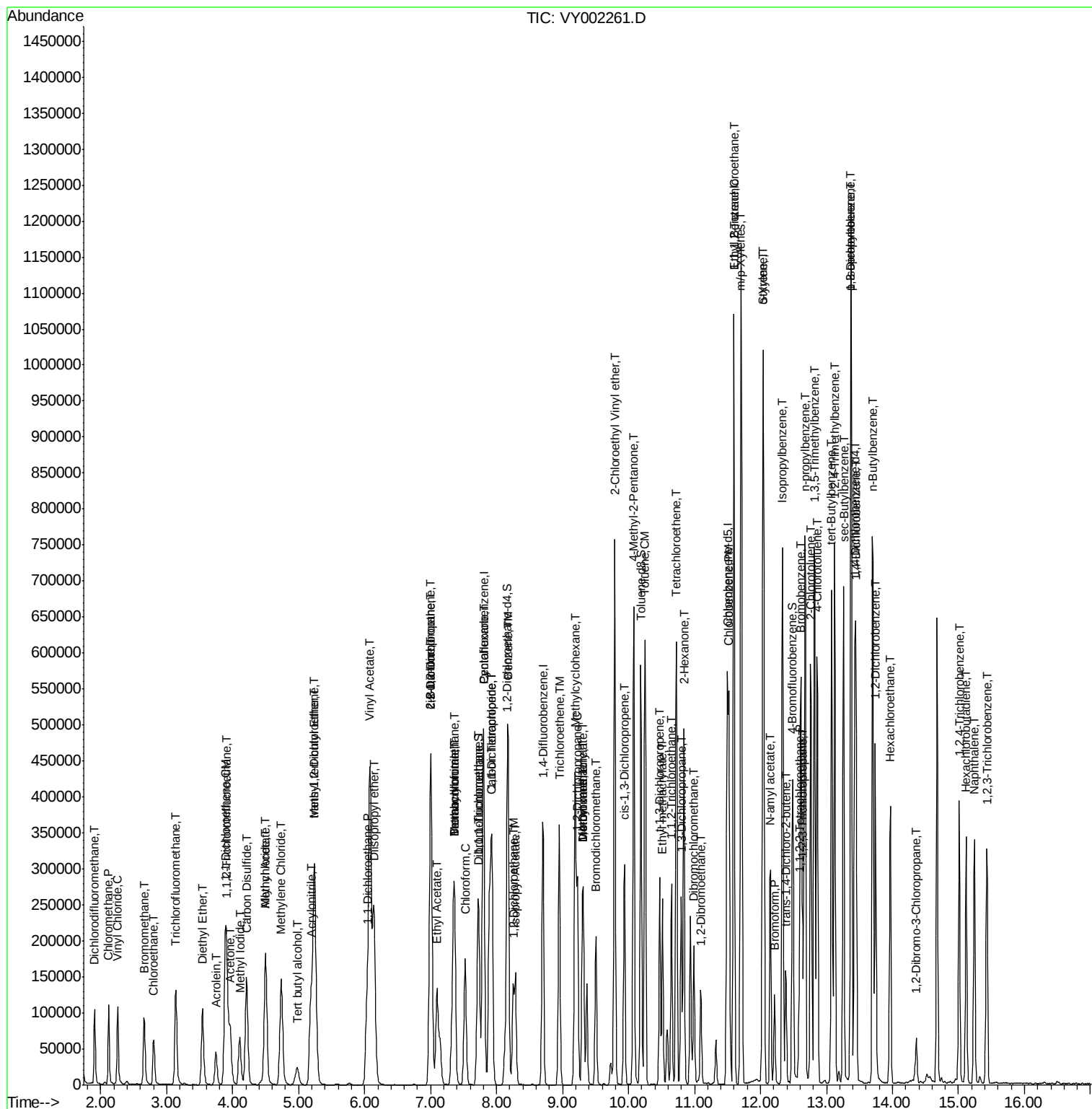
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	116995	44.666	ug/l	98
94) Hexachlorobutadiene	15.12	225	58344	44.225	ug/l	99
95) Naphthalene	15.24	128	274472	47.858	ug/l	100
96) 1,2,3-Trichlorobenzene	15.43	180	100265	44.084	ug/l	98

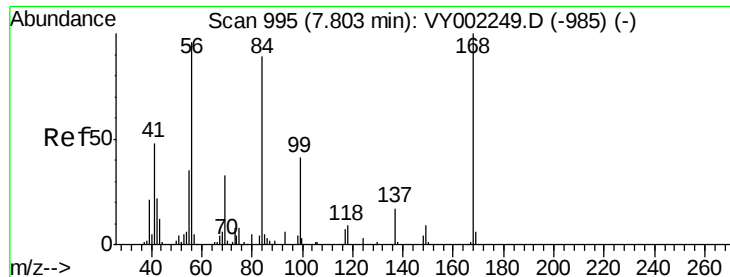
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.00 min

Lab File: VY002261.D

Acq: 08 Apr 2020 19:31

Instrument :

MSVOA_Y

ClientSampleId :

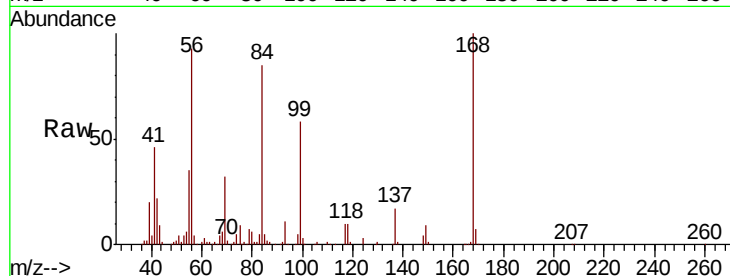
VSTDCCC050EC

Tot Ion:168 Resp: 164407

Ion Ratio Lower Upper

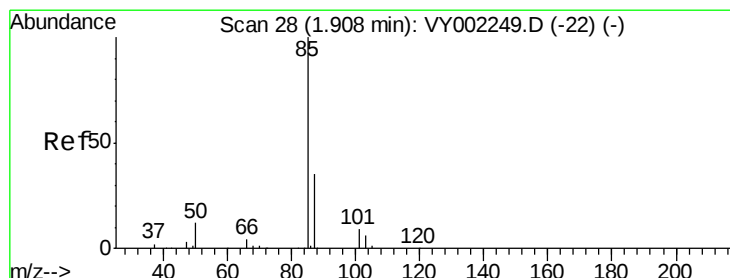
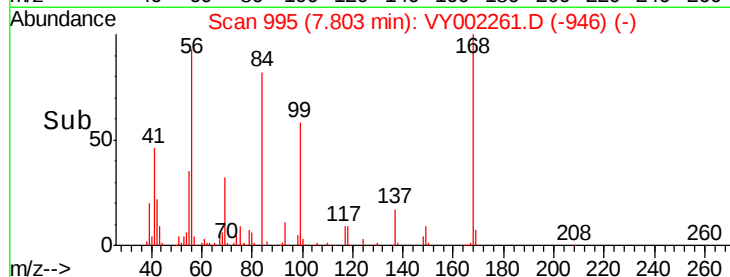
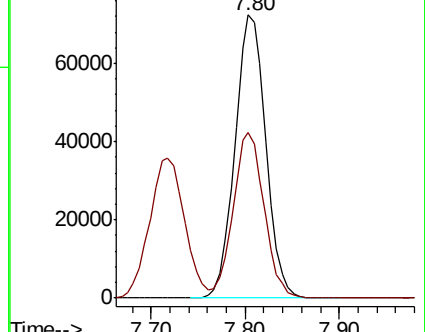
168 100

99 58.4 48.0 72.0



Abundance Ion 167.90 (167.60 to 168.60): VY002249.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY002249.D (-985) (-)



#2

Dichlorodifluoromethane

Concen: 47.164 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.00 min

Lab File: VY002261.D

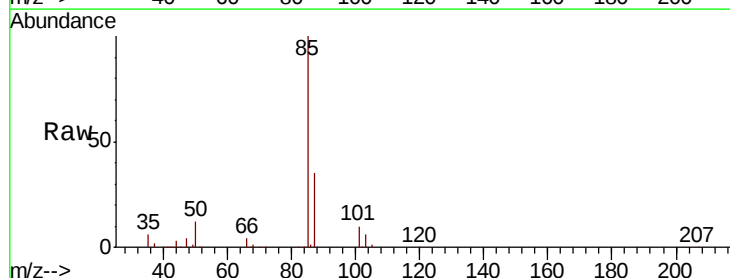
Acq: 08 Apr 2020 19:31

Tgt Ion: 85 Resp: 78367

Ion Ratio Lower Upper

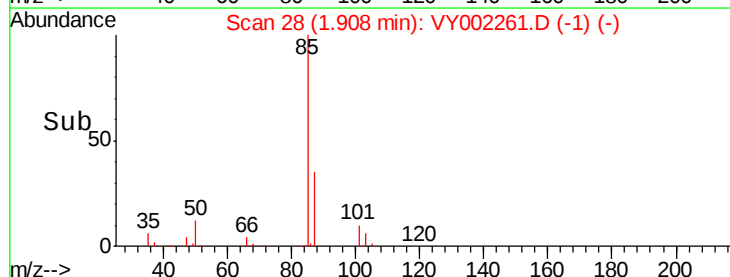
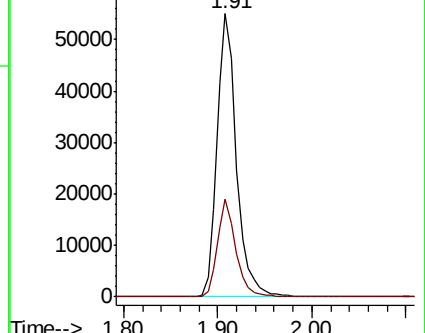
85 100

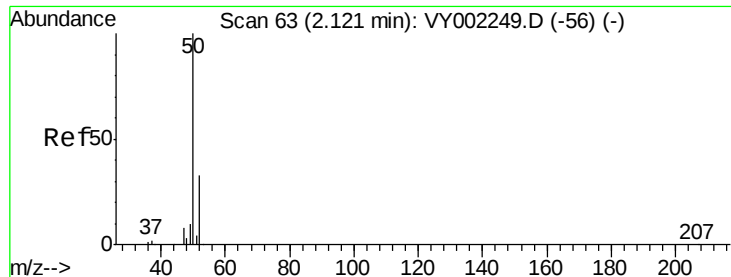
87 34.7 17.3 51.9



Abundance Ion 84.90 (84.60 to 85.60): VY002249.D (-22) (-)

Ion 86.90 (86.60 to 87.60): VY002249.D (-22) (-)





#3

Chloromethane

Concen: 48.594 ug/l

RT: 2.12 min Scan# 63

Delta R.T. 0.00 min

Lab File: VY002261.D

Acq: 08 Apr 2020 19:31

Instrument :

MSVOA_Y

ClientSampleId :

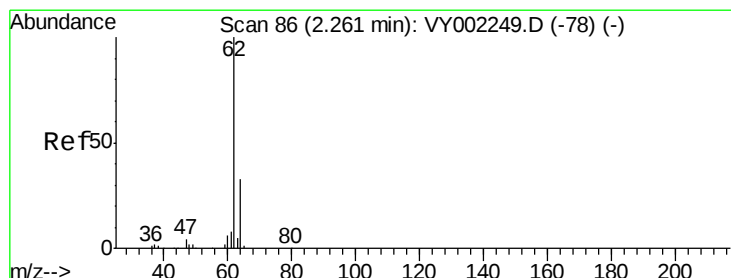
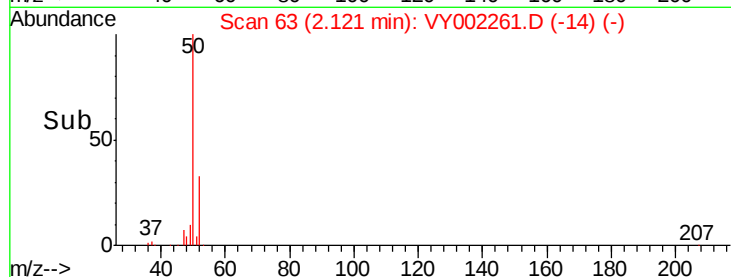
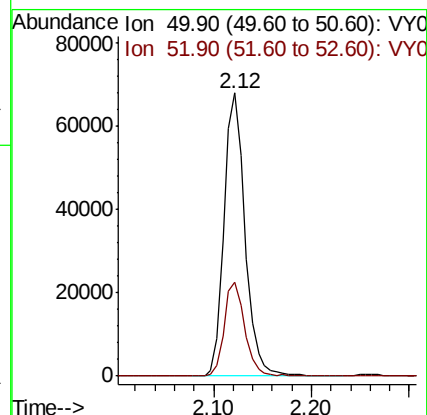
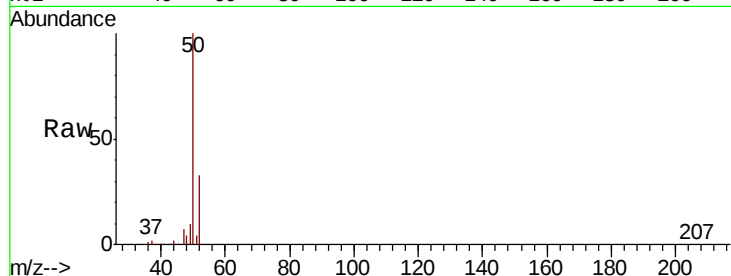
VSTDCCC050EC

Tot Ion: 50 Resp: 101621

Ion Ratio Lower Upper

50 100

52 33.2 26.6 39.8



#4

Vinyl Chloride

Concen: 46.568 ug/l

RT: 2.26 min Scan# 85

Delta R.T. -0.01 min

Lab File: VY002261.D

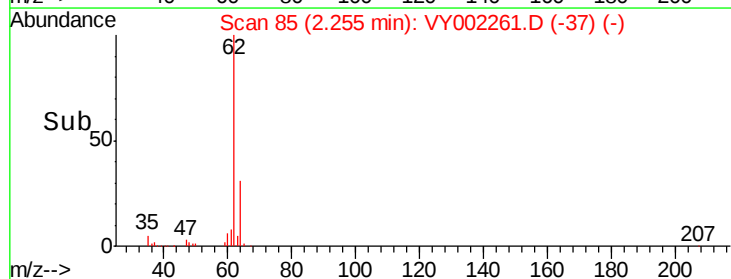
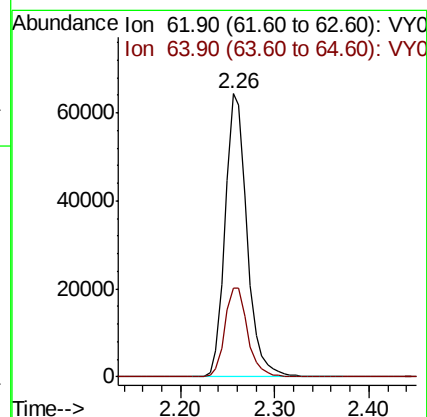
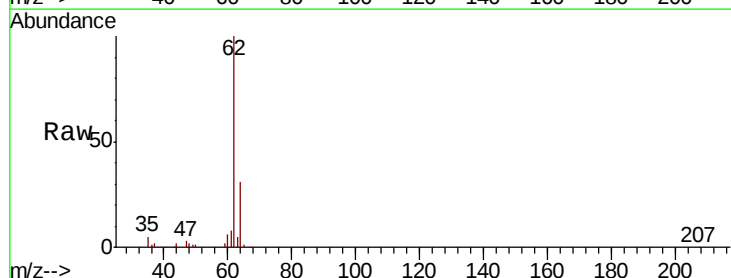
Acq: 08 Apr 2020 19:31

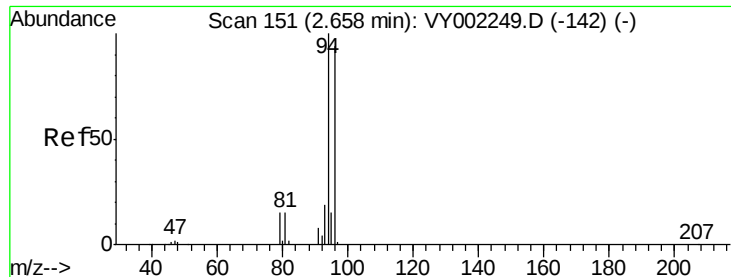
Tgt Ion: 62 Resp: 103653

Ion Ratio Lower Upper

62 100

64 31.4 26.2 39.2





#5

Bromomethane

Concen: 49.201 ug/l

RT: 2.66 min Scan# 151

Delta R.T. 0.00 min

Lab File: VY002261.D

Acq: 08 Apr 2020 19:31

Instrument :

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ClientSampleId :

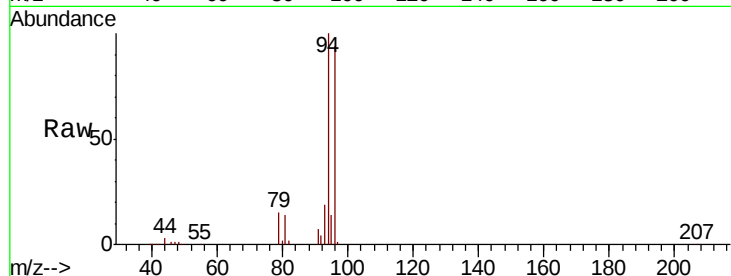
VSTDCCC050EC

Tot Ion: 94 Resp: 67629

Ion Ratio Lower Upper

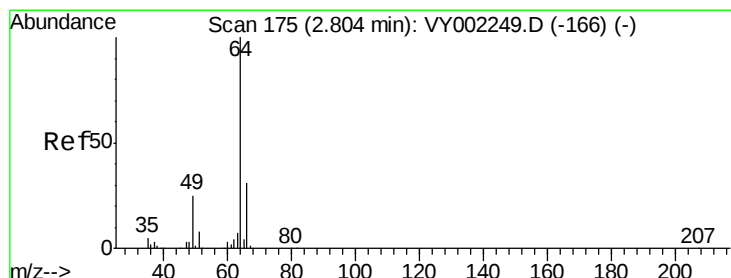
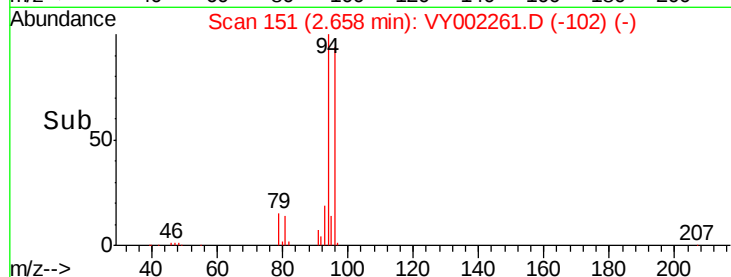
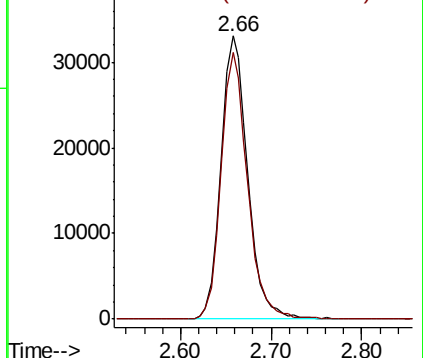
94 100

96 94.4 75.6 113.4



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 49.292 ug/l

RT: 2.80 min Scan# 175

Delta R.T. 0.00 min

Lab File: VY002261.D

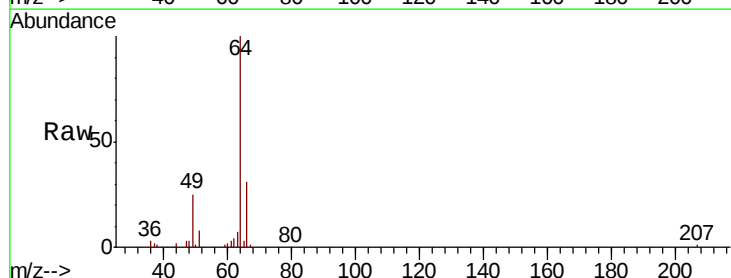
Acq: 08 Apr 2020 19:31

Tgt Ion: 64 Resp: 63276

Ion Ratio Lower Upper

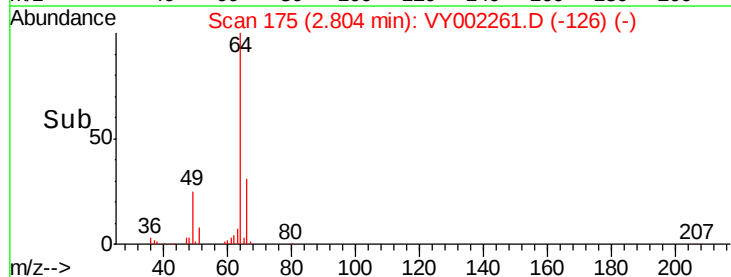
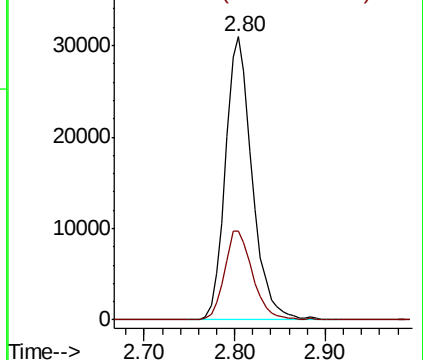
64 100

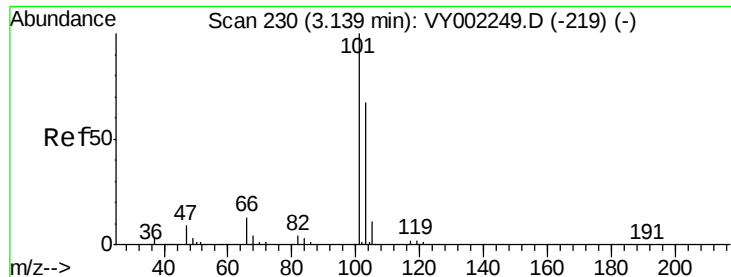
66 31.2 24.6 37.0



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



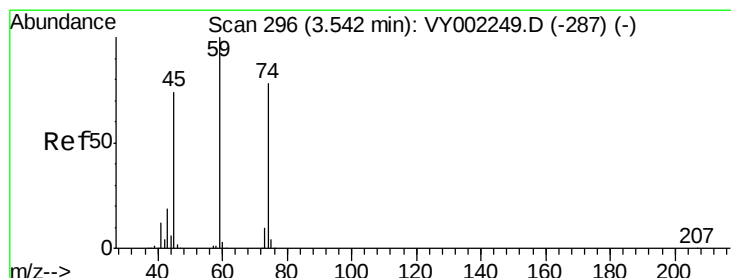
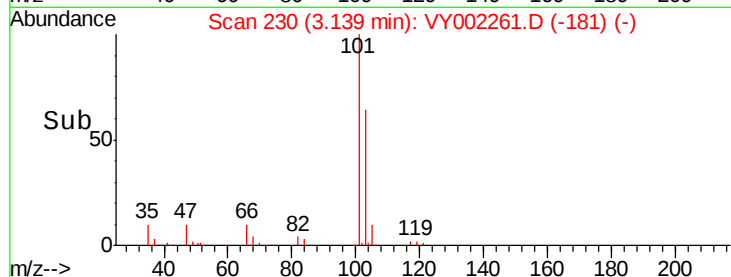
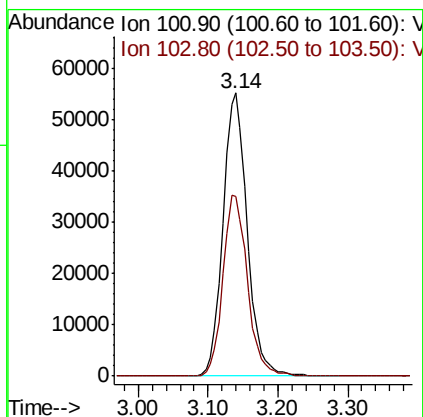
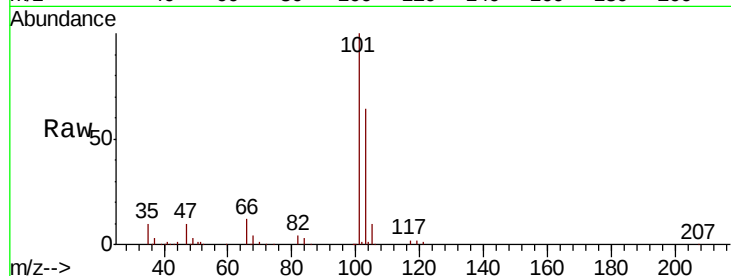


#7

Trichlorofluoromethane
 Concen: 46.112 ug/l
 RT: 3.14 min Scan# 230
 Delta R.T. 0.00 min
 Lab File: VY002261.D
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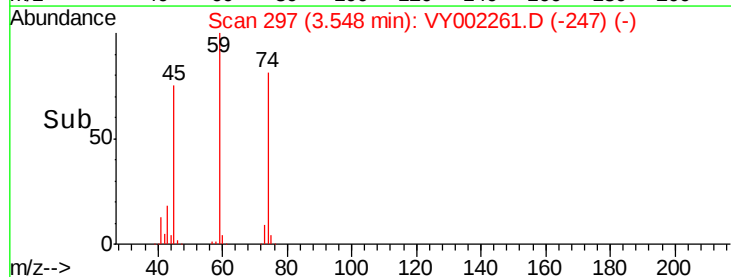
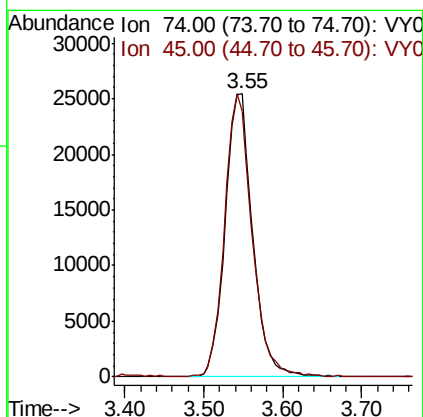
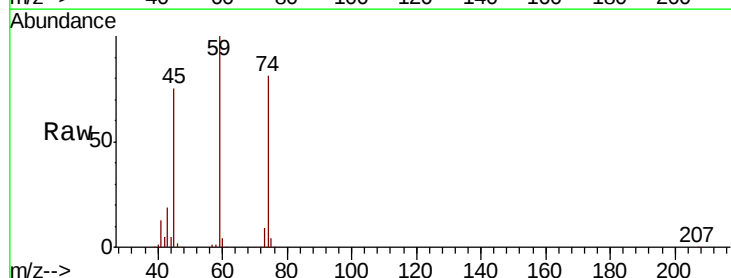
Tot Ion:101 Resp: 132550
 Ion Ratio Lower Upper
 101 100
 103 63.6 53.3 79.9

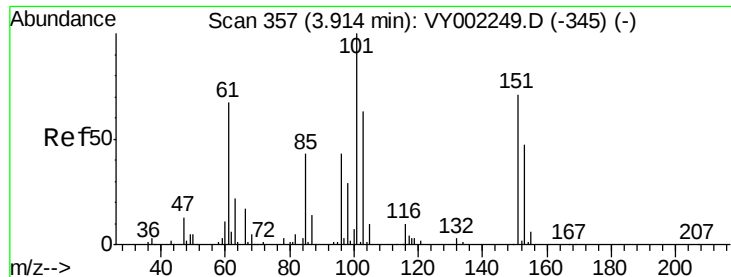


#8

Diethyl Ether
 Concen: 50.518 ug/l
 RT: 3.55 min Scan# 297
 Delta R.T. 0.01 min
 Lab File: VY002261.D
 Acq: 08 Apr 2020 19:31

Tgt Ion: 74 Resp: 61735
 Ion Ratio Lower Upper
 74 100
 45 99.8 48.0 144.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.984 ug/l

RT: 3.91 min Scan# 357

Delta R.T. 0.00 min

Lab File: VY002261.D

Acq: 08 Apr 2020 19:31

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VSTDCCC050EC

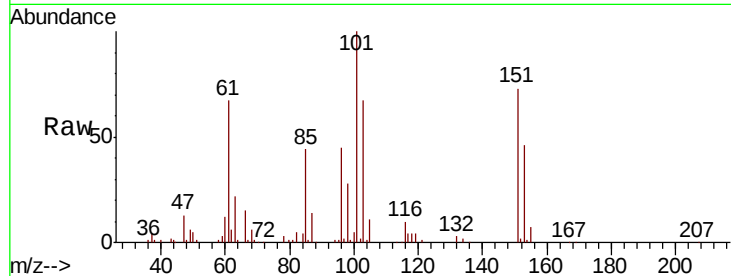
Tot Ion:101 Resp: 89790

Ion Ratio Lower Upper

101 100

85 44.5 34.6 52.0

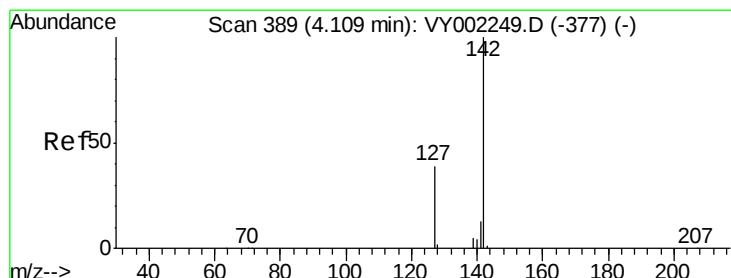
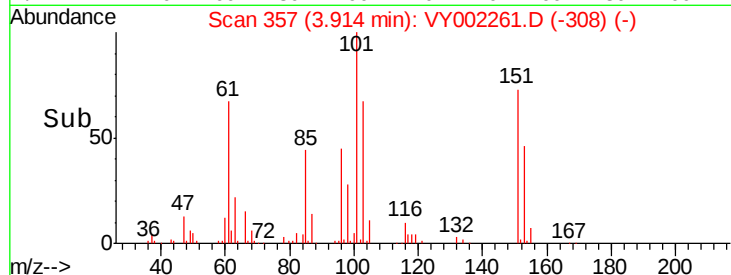
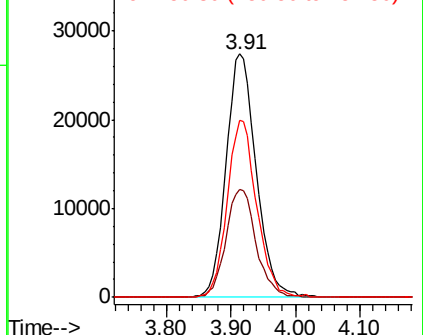
151 71.3 57.6 86.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VY0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 48.562 ug/l

RT: 4.11 min Scan# 389

Delta R.T. 0.00 min

Lab File: VY002261.D

Acq: 08 Apr 2020 19:31

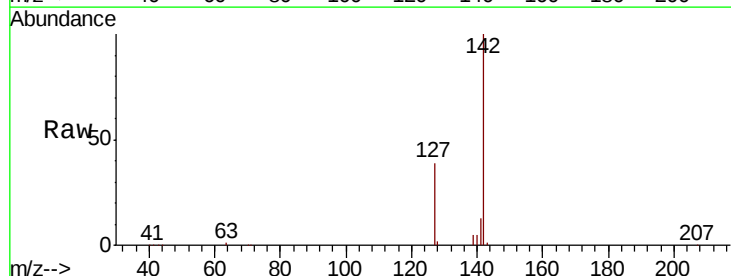
Tgt Ion:142 Resp: 110222

Ion Ratio Lower Upper

142 100

127 39.7 32.4 48.6

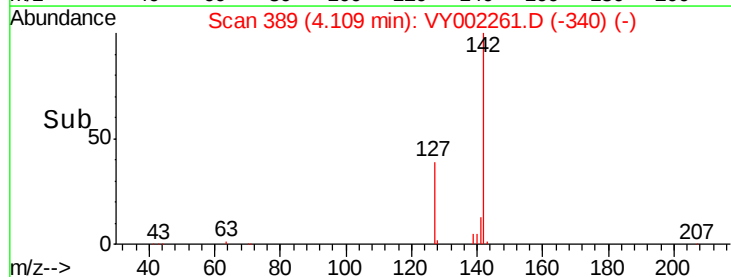
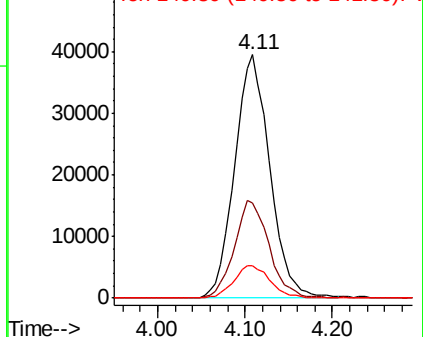
141 13.9 11.2 16.8

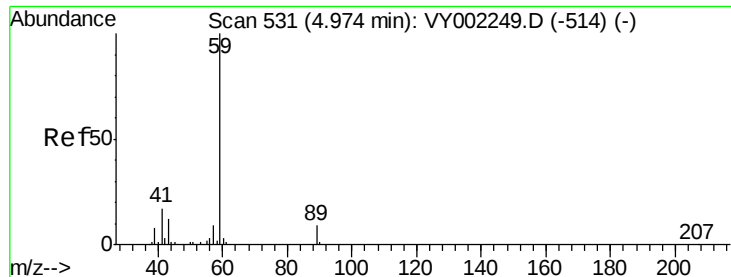


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



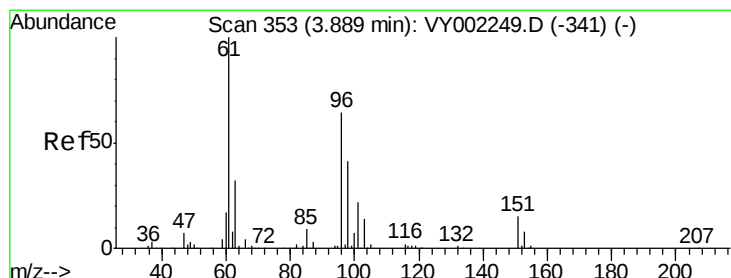
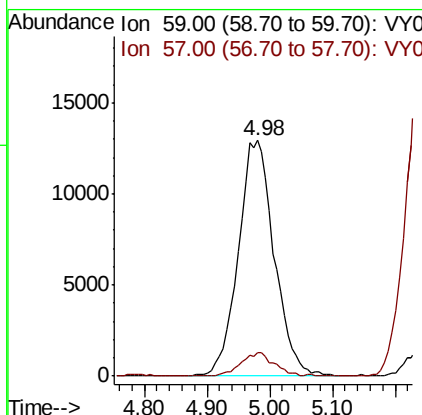
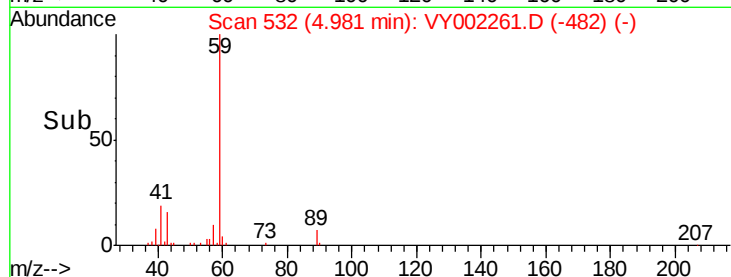
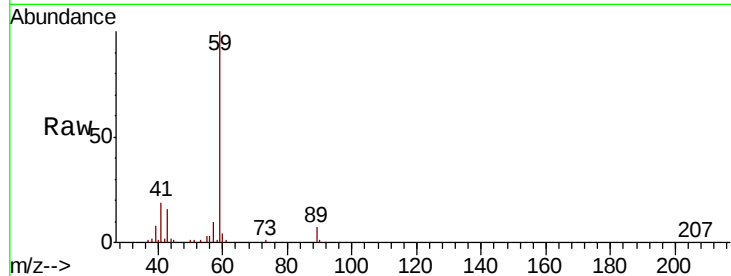


#11

Tert butyl alcohol
 Concen: 264.965 ug/l
 RT: 4.98 min Scan# 532
 Delta R.T. 0.01 min
 Lab File: VY002261.D
 Acq: 08 Apr 2020 19:31

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

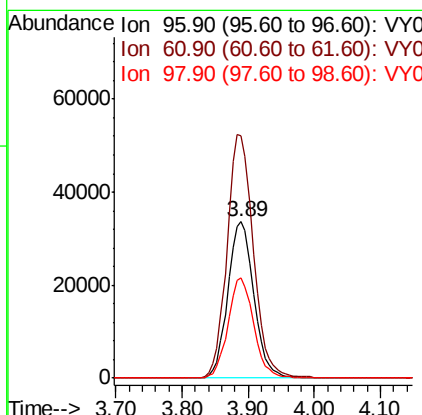
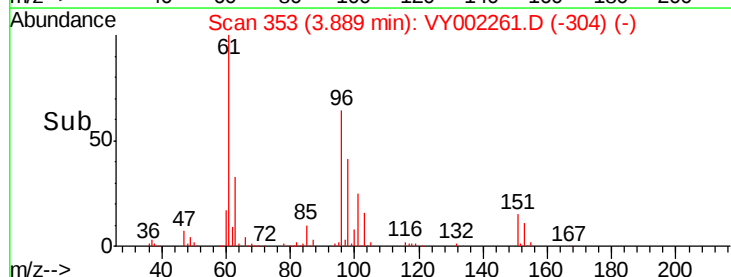
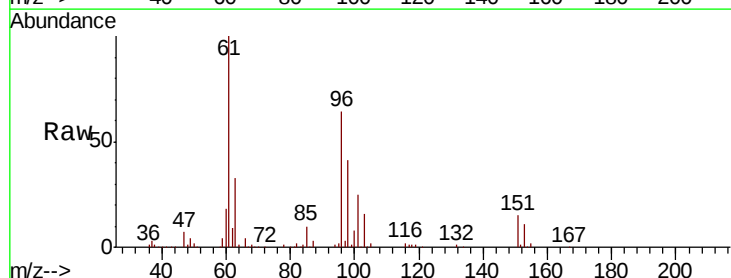
Tot Ion: 59 Resp: 51215
 Ion Ratio Lower Upper
 59 100
 57 9.1 6.6 9.8

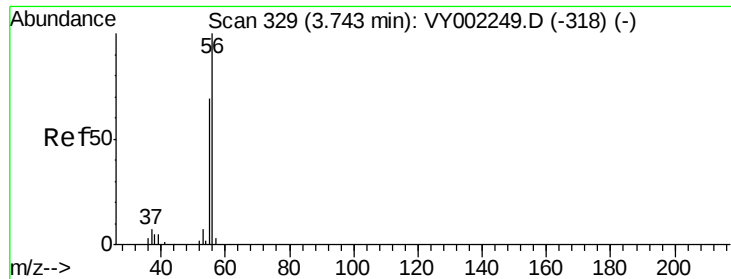


#12

1,1-Dichloroethene
 Concen: 46.296 ug/l
 RT: 3.89 min Scan# 353
 Delta R.T. 0.00 min
 Lab File: VY002261.D
 Acq: 08 Apr 2020 19:31

Tgt Ion: 96 Resp: 91905
 Ion Ratio Lower Upper
 96 100
 61 155.3 125.9 188.9
 98 63.9 51.1 76.7

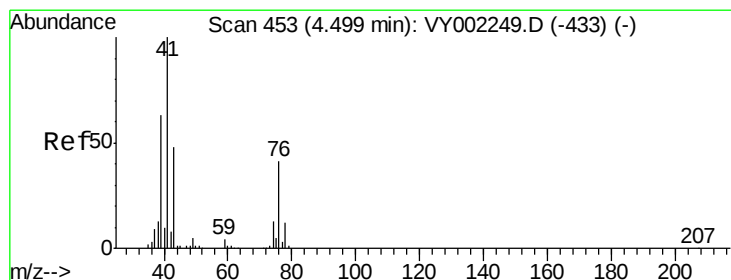
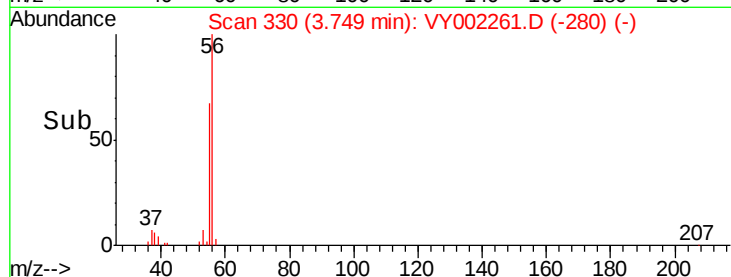
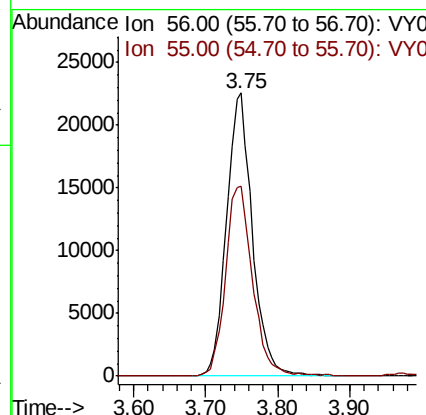
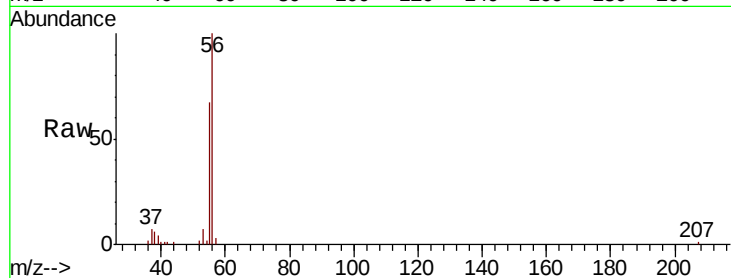




#13
Acrolein
Concen: 239.591 ug/l
RT: 3.75 min Scan# 330
Delta R.T. 0.01 min
Lab File: VY002261.D
Acq: 08 Apr 2020 19:31

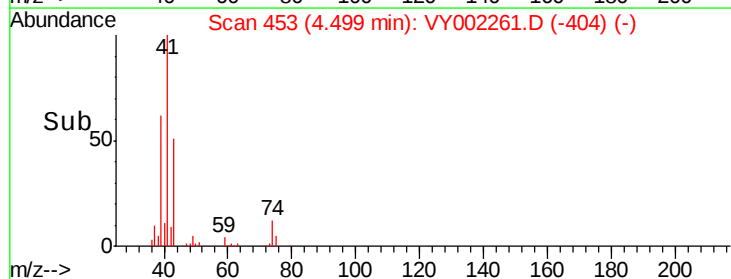
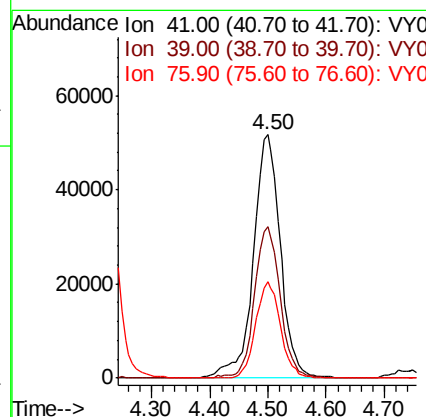
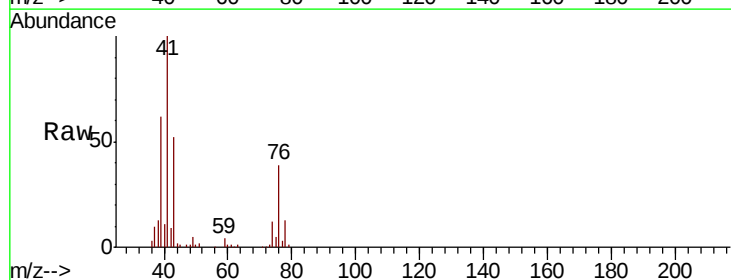
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

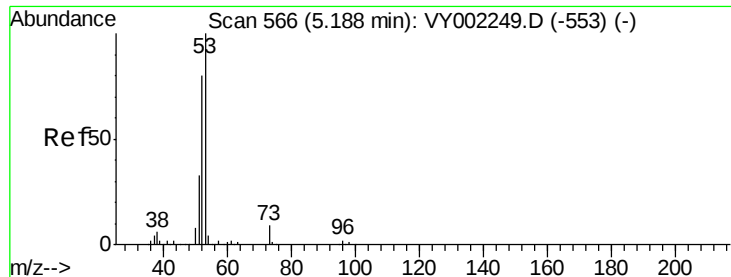
Tot Ion: 56 Resp: 56481
Ion Ratio Lower Upper
56 100
55 69.9 55.8 83.8



#14
Allyl chloride
Concen: 51.923 ug/l
RT: 4.50 min Scan# 453
Delta R.T. 0.00 min
Lab File: VY002261.D
Acq: 08 Apr 2020 19:31

Tgt Ion: 41 Resp: 166451
Ion Ratio Lower Upper
41 100
39 59.5 48.0 72.0
76 36.3 31.0 46.6





#15

Acrylonitrile

Concen: 259.984 ug/l

RT: 5.19 min Scan# 566

Delta R.T. 0.00 min

Lab File: VY002261.D

Acq: 08 Apr 2020 19:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

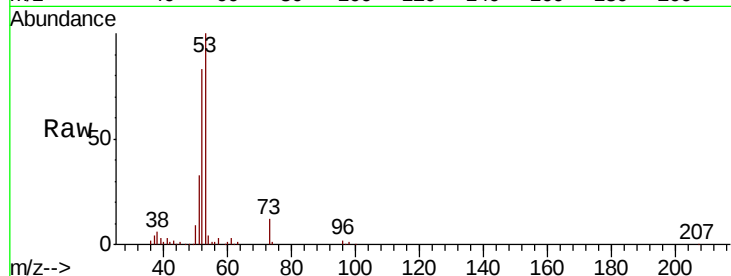
Tot Ion: 53 Resp: 162470

Ion Ratio Lower Upper

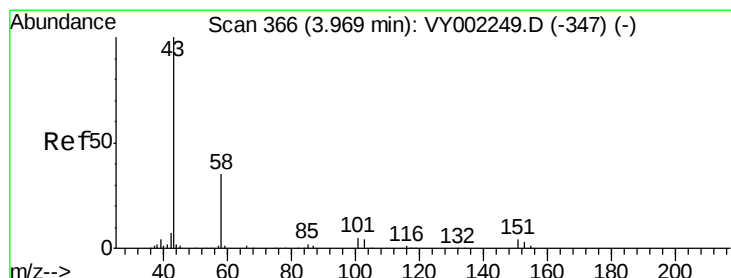
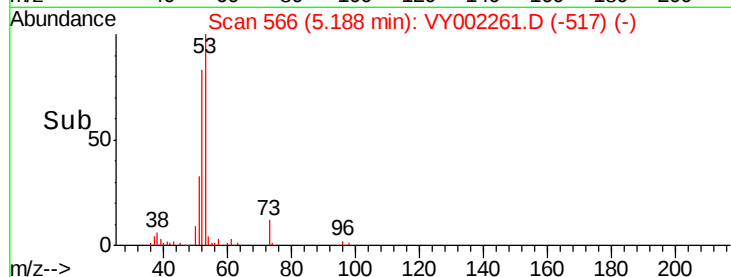
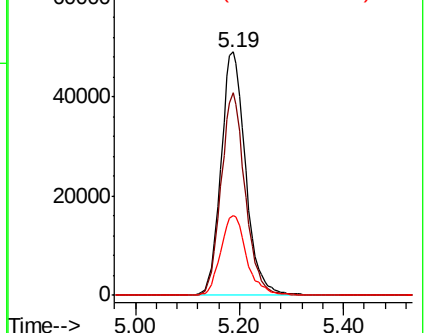
53 100

52 81.3 65.1 97.7

51 34.6 27.1 40.7



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: 233.910 ug/l

RT: 3.97 min Scan# 366

Delta R.T. 0.00 min

Lab File: VY002261.D

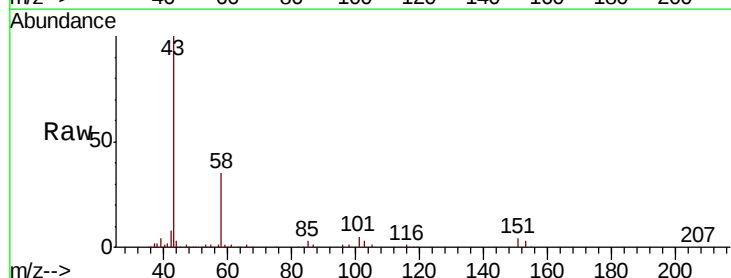
Acq: 08 Apr 2020 19:31

Tgt Ion: 43 Resp: 112639

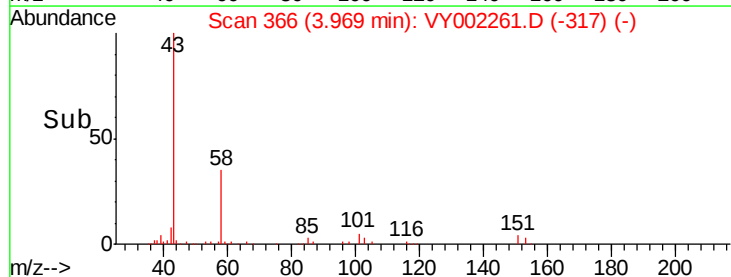
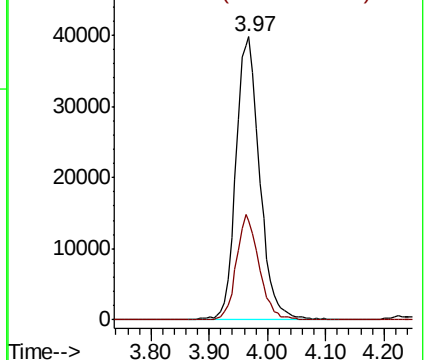
Ion Ratio Lower Upper

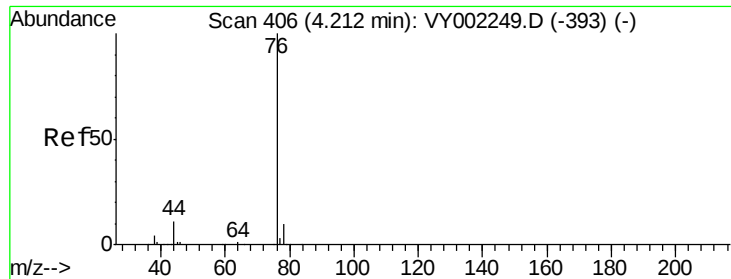
43 100

58 35.1 28.5 42.7



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

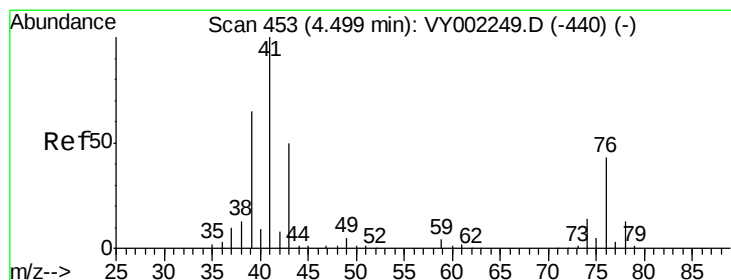
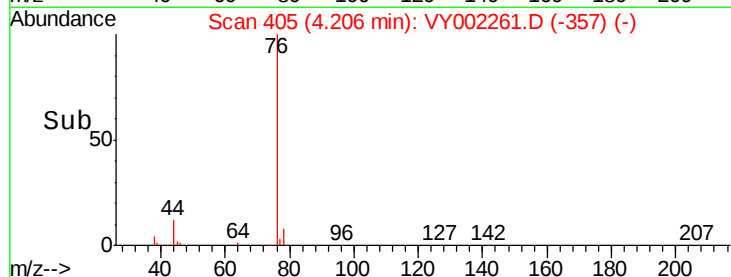
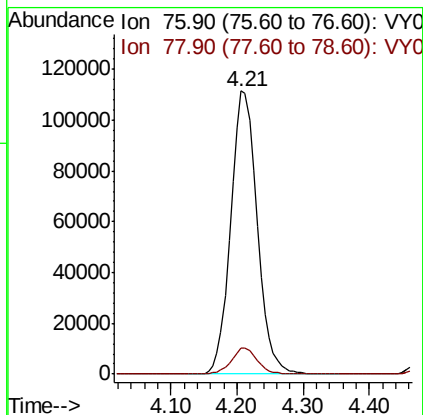
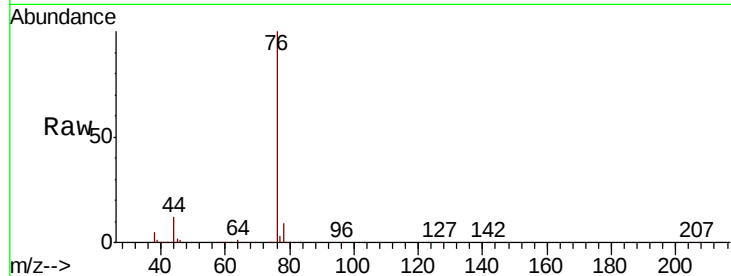




#17
Carbon Disulfide
Concen: 46.942 ug/l
RT: 4.21 min Scan# 405
Delta R.T. -0.01 min
Lab File: VY002261.D
Acq: 08 Apr 2020 19:31

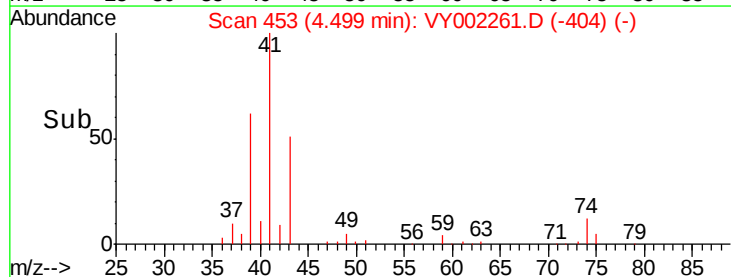
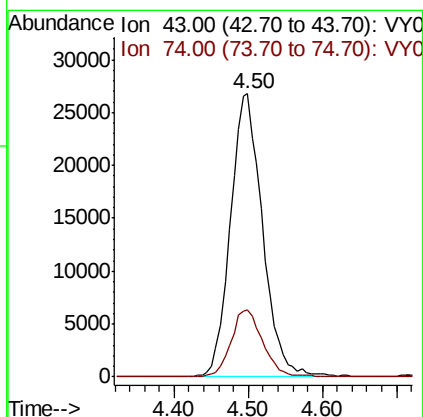
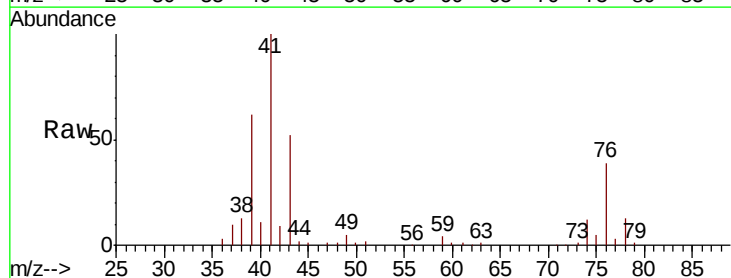
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

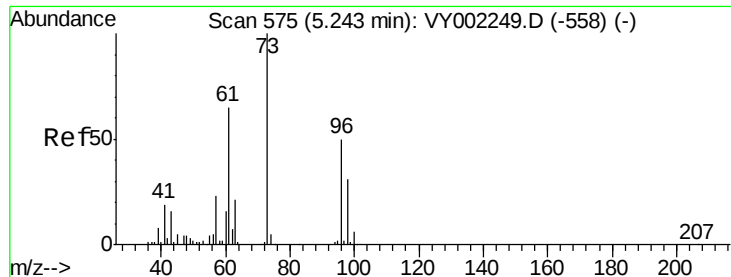
Tot Ion: 76 Resp: 309484
Ion Ratio Lower Upper
76 100
78 9.1 7.7 11.5



#18
Methyl Acetate
Concen: 54.070 ug/l
RT: 4.50 min Scan# 453
Delta R.T. 0.00 min
Lab File: VY002261.D
Acq: 08 Apr 2020 19:31

Tgt Ion: 43 Resp: 80762
Ion Ratio Lower Upper
43 100
74 23.5 20.3 30.5

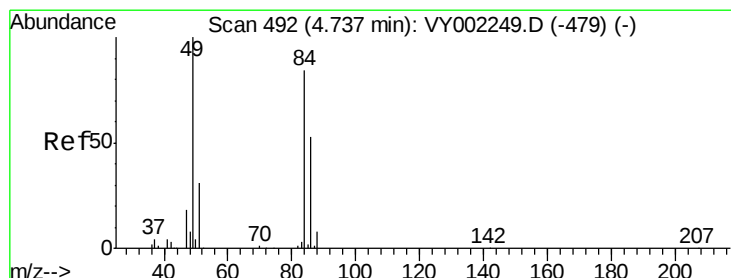
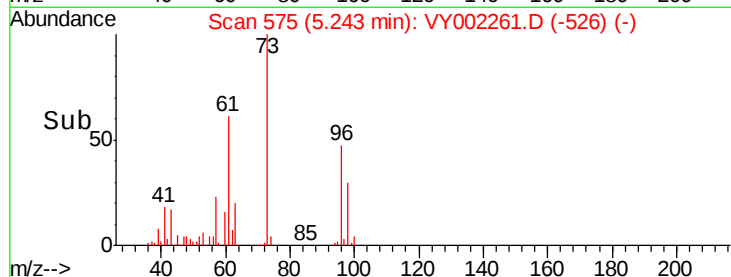
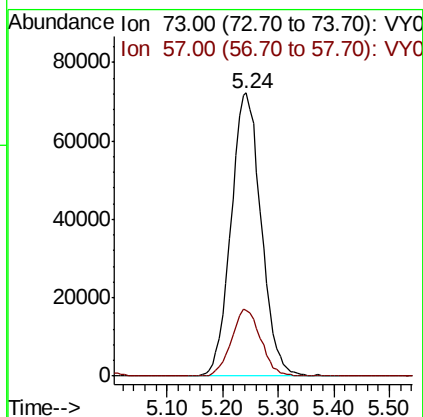
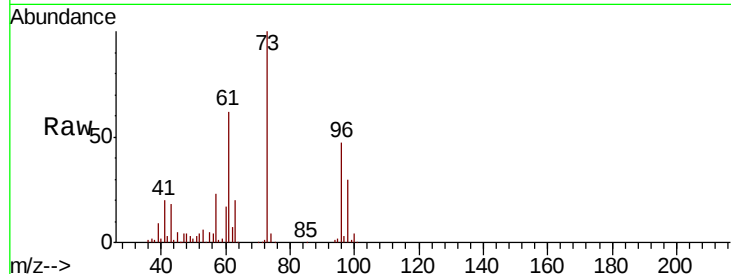




#19
Methyl tert-butyl Ether
Concen: 51.821 ug/l
RT: 5.24 min Scan# 575
Delta R.T. 0.00 min
Lab File: VY002261.D
Acq: 08 Apr 2020 19:31

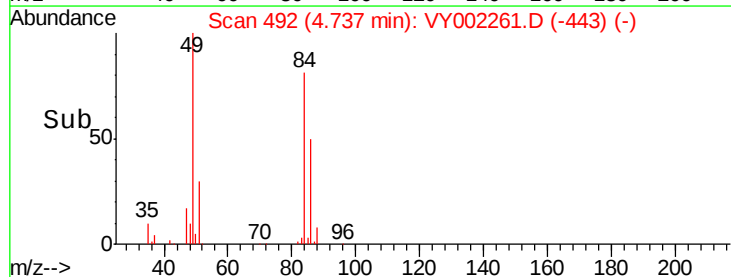
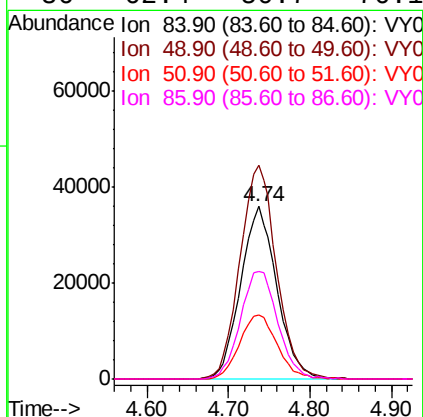
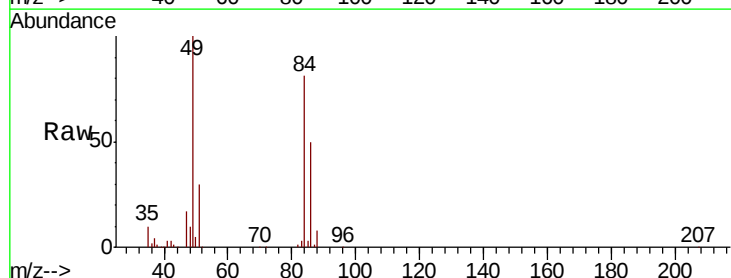
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

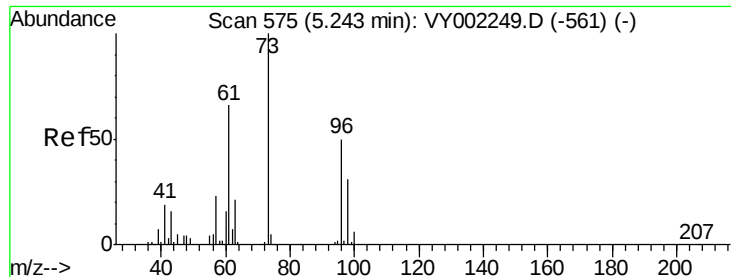
Tot Ion: 73 Resp: 270451
Ion Ratio Lower Upper
73 100
57 23.5 18.7 28.1



#20
Methylene Chloride
Concen: 46.750 ug/l
RT: 4.74 min Scan# 492
Delta R.T. 0.00 min
Lab File: VY002261.D
Acq: 08 Apr 2020 19:31

Tgt Ion: 84 Resp: 110651
Ion Ratio Lower Upper
84 100
49 123.9 95.5 143.3
51 37.0 29.5 44.3
86 62.4 50.7 76.1





#21

trans-1,2-Dichloroethene

Concen: 47.746 ug/l

RT: 5.24 min Scan# 574

Delta R.T. -0.01 min

Lab File: VY002261.D

Acq: 08 Apr 2020 19:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

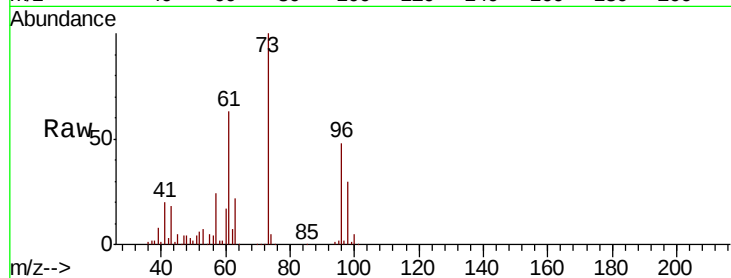
Tot Ion: 96 Resp: 106391

Ion Ratio Lower Upper

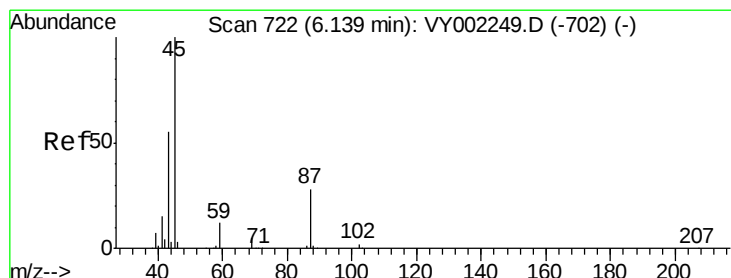
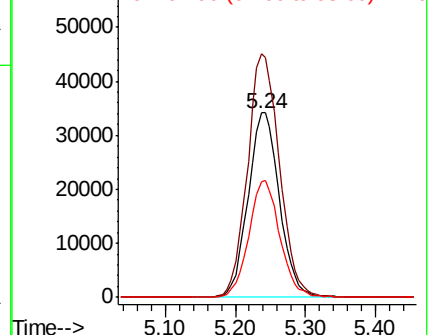
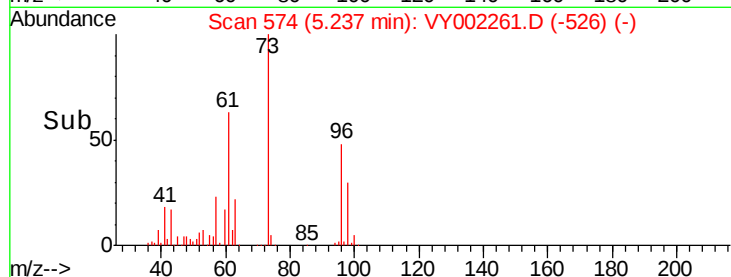
96 100

61 132.0 104.6 157.0

98 62.7 50.1 75.1



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: 53.279 ug/l

RT: 6.14 min Scan# 722

Delta R.T. 0.00 min

Lab File: VY002261.D

Acq: 08 Apr 2020 19:31

Tgt Ion: 45 Resp: 343720

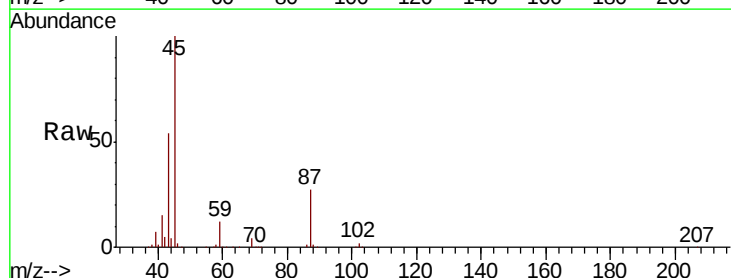
Ion Ratio Lower Upper

45 100

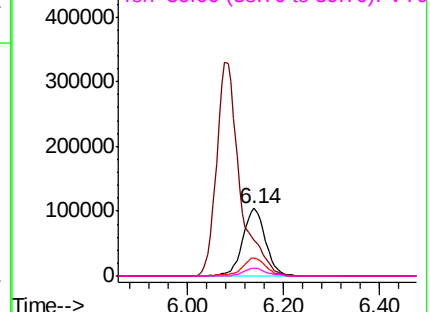
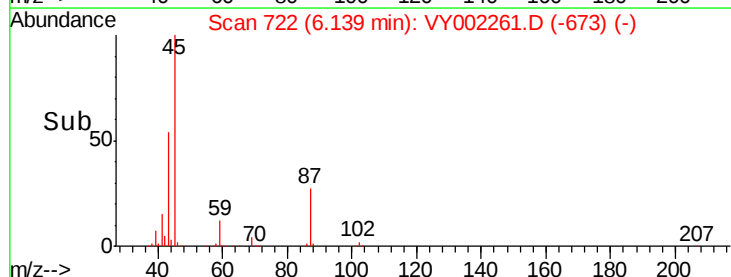
43 53.6 44.7 67.1

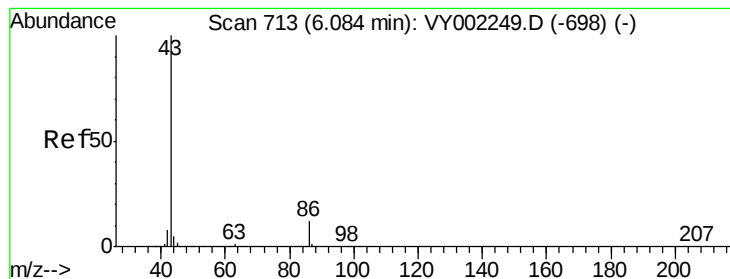
87 26.9 23.0 34.4

59 11.9 10.1 15.1



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: 270.139 ug/l

RT: 6.08 min Scan# 712

Delta R.T. -0.01 min

Lab File: VY002261.D

Acq: 08 Apr 2020 19:31

Instrument :

MSVOA_Y

ClientSampleId :

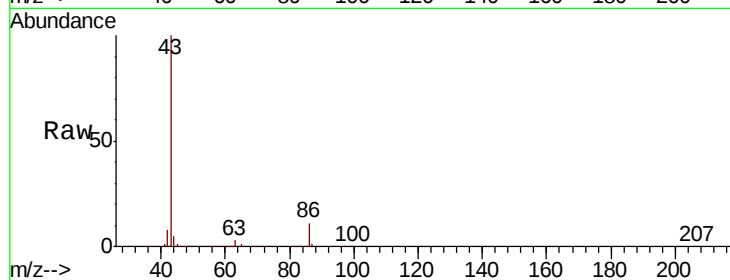
VSTDCCC050EC

Tot Ion: 43 Resp: 1110590

Ion Ratio Lower Upper

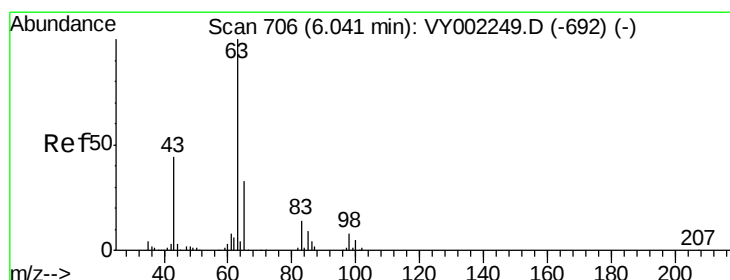
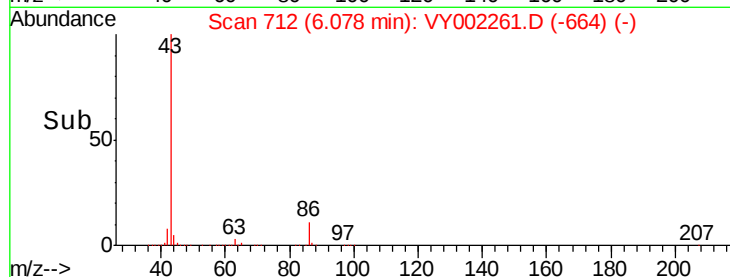
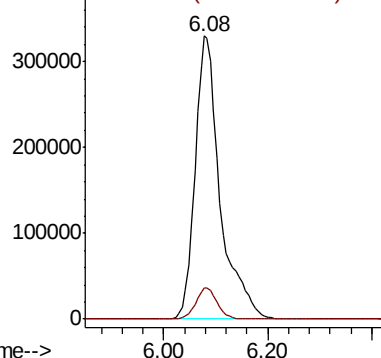
43 100

86 10.9 9.2 13.8



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 50.914 ug/l

RT: 6.04 min Scan# 705

Delta R.T. -0.01 min

Lab File: VY002261.D

Acq: 08 Apr 2020 19:31

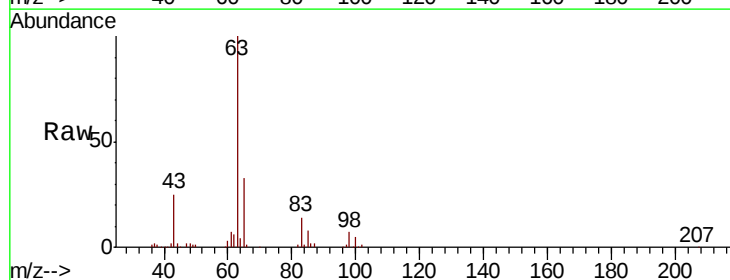
Tgt Ion: 63 Resp: 186826

Ion Ratio Lower Upper

63 100

98 6.6 4.0 12.0

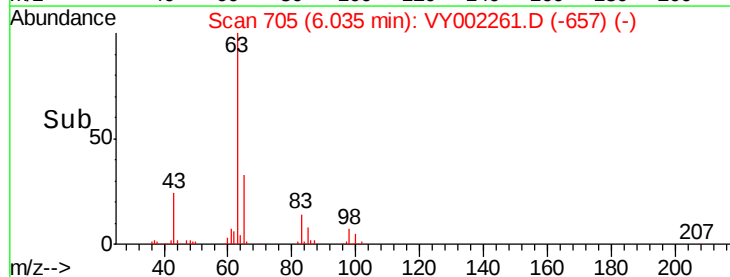
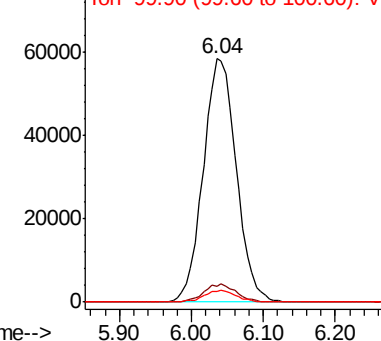
100 4.5 2.4 7.1

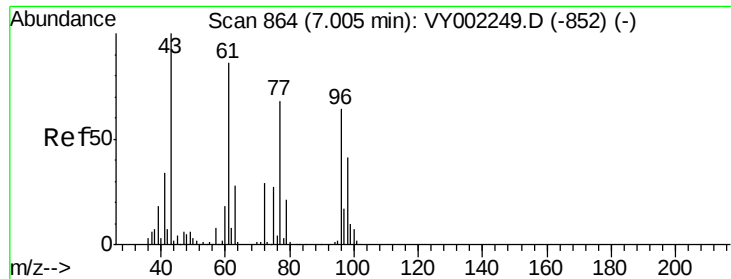


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0

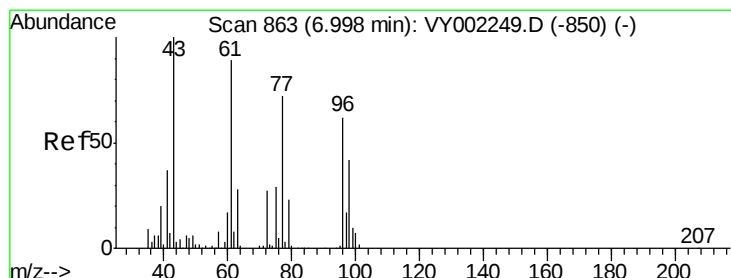
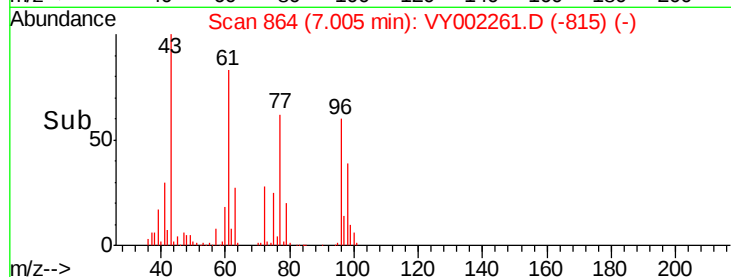
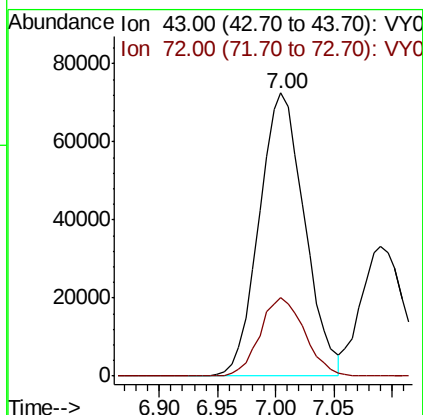
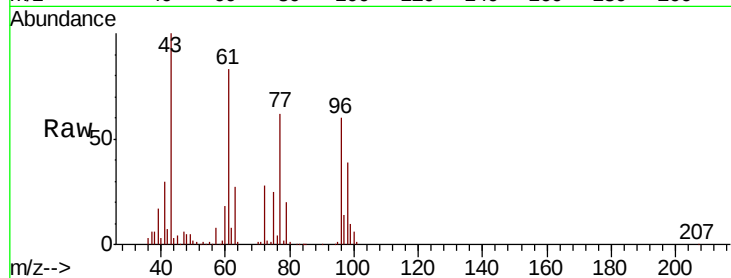




#25
2-Butanone
Concen: 258.021 ug/l
RT: 7.00 min Scan# 864
Delta R.T. 0.00 min
Lab File: VY002261.D
Acq: 08 Apr 2020 19:31

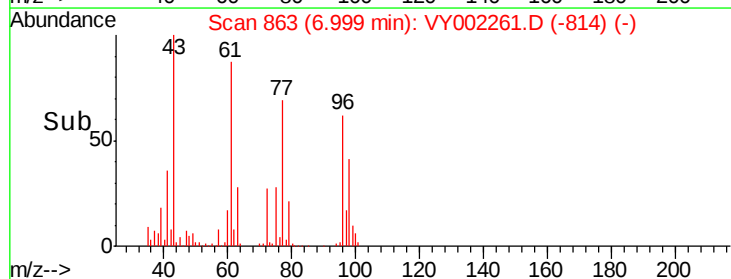
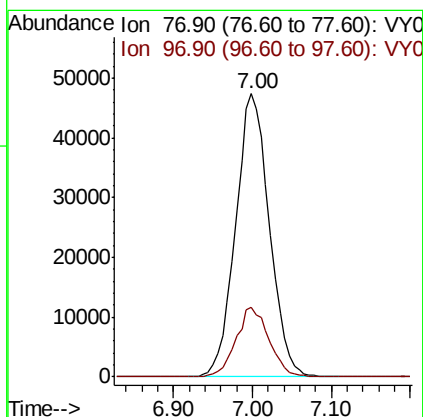
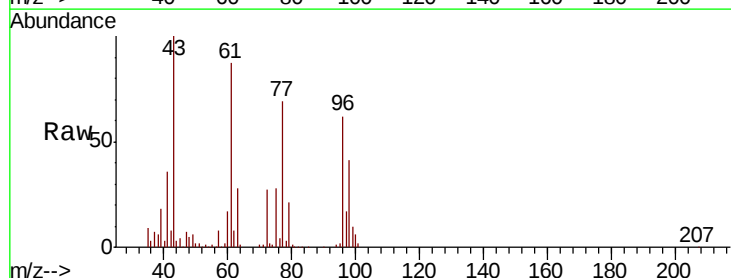
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

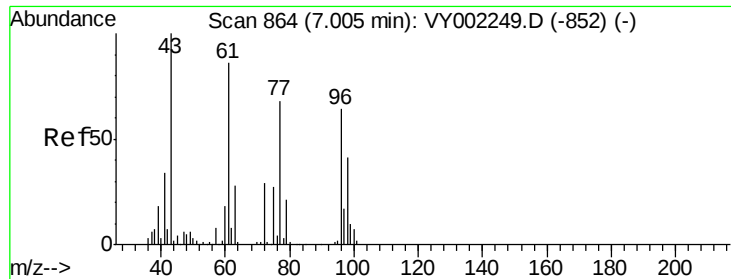
Tot Ion: 43 Resp: 196631
Ion Ratio Lower Upper
43 100
72 27.8 23.2 34.8



#26
2,2-Dichloropropane
Concen: 45.780 ug/l
RT: 7.00 min Scan# 863
Delta R.T. 0.00 min
Lab File: VY002261.D
Acq: 08 Apr 2020 19:31

Tgt Ion: 77 Resp: 140522
Ion Ratio Lower Upper
77 100
97 24.0 12.2 36.6



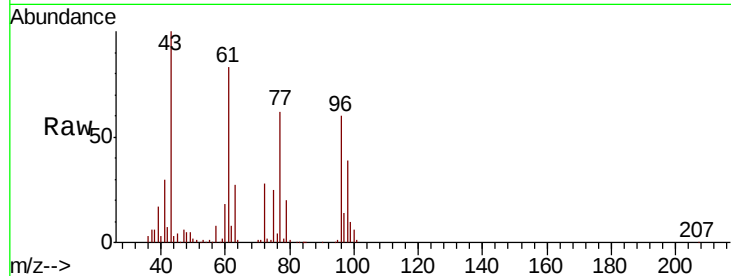


#27

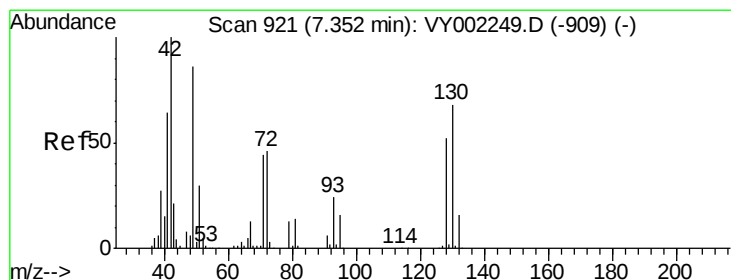
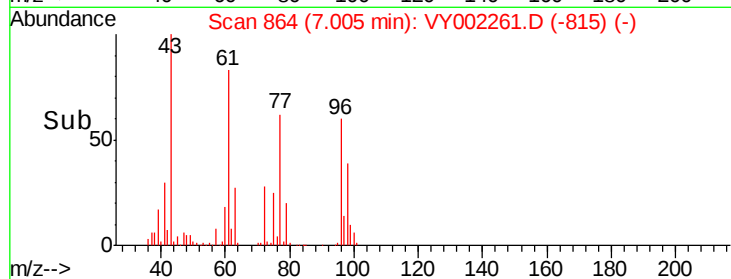
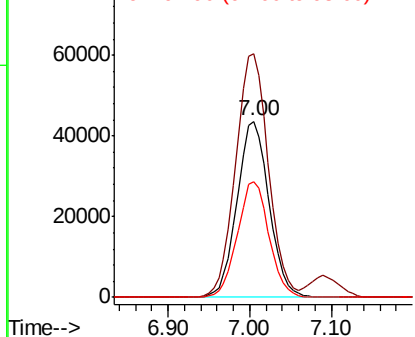
cis-1,2-Dichloroethene
 Concen: 48.772 ug/l
 RT: 7.00 min Scan# 864
 Delta R.T. 0.00 min
 Lab File: VY002261.D
 Acq: 08 Apr 2020 19:31

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 96 Resp: 118467
 Ion Ratio Lower Upper
 96 100
 61 141.6 0.0 278.0
 98 64.9 0.0 128.6



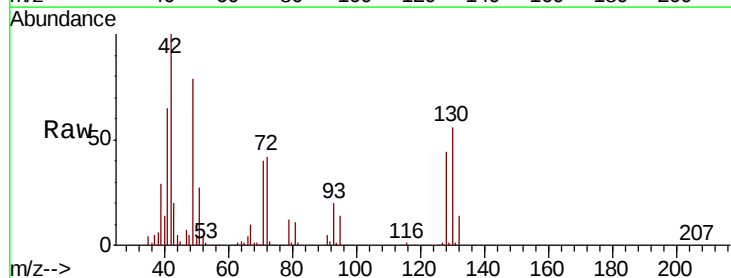
Abundance Ion 95.90 (95.60 to 96.60): VY0
 Ion 60.90 (60.60 to 61.60): VY0
 Ion 97.90 (97.60 to 98.60): VY0



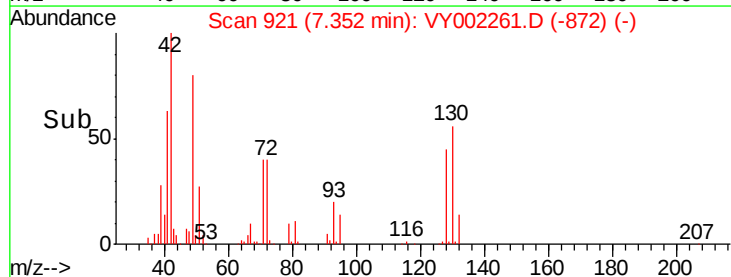
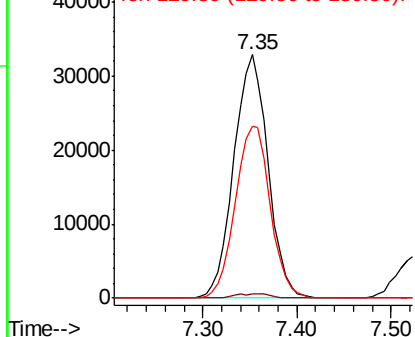
#28

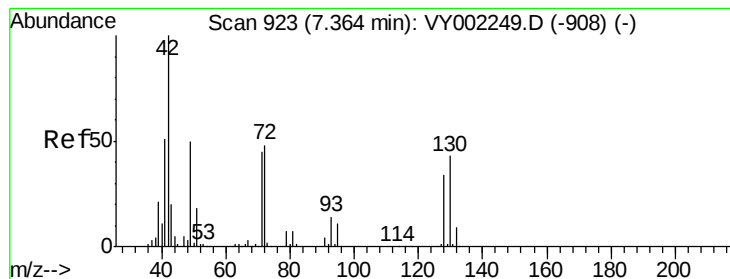
Bromochloromethane
 Concen: 52.464 ug/l
 RT: 7.35 min Scan# 921
 Delta R.T. 0.00 min
 Lab File: VY002261.D
 Acq: 08 Apr 2020 19:31

Tgt Ion: 49 Resp: 83105
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 4.2
 130 72.2 60.9 91.3



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: 268.157 ug/l

RT: 7.36 min Scan# 923

Delta R.T. 0.00 min

Lab File: VY002261.D

Acq: 08 Apr 2020 19:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

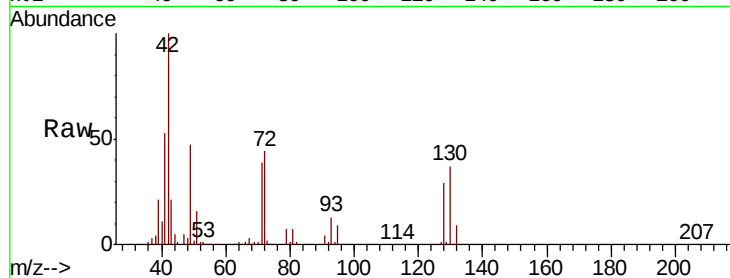
Tot Ion: 42 Resp: 135084

Ion Ratio Lower Upper

42 100

72 43.5 36.7 55.1

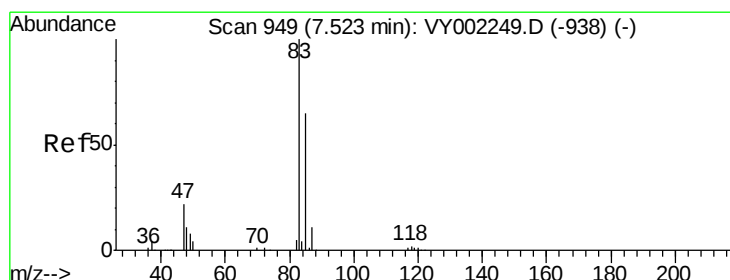
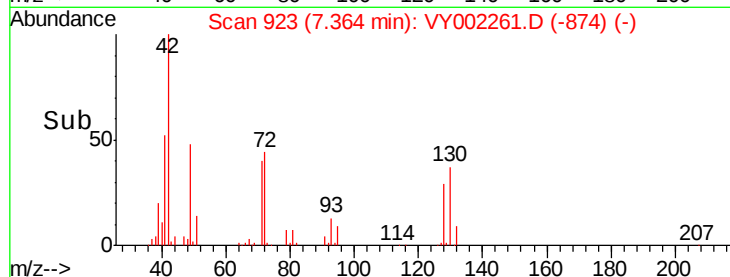
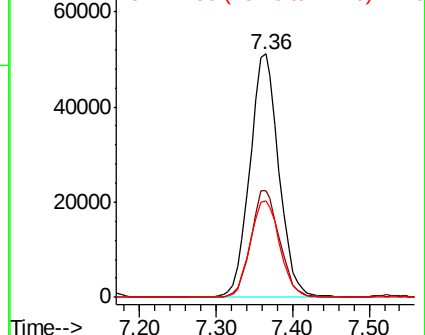
71 40.4 34.7 52.1



Abundance Ion 42.00 (41.70 to 42.70): VY0

Ion 72.00 (71.70 to 72.70): VY0

Ion 71.00 (70.70 to 71.70): VY0



#30

Chloroform

Concen: 50.798 ug/l

RT: 7.52 min Scan# 949

Delta R.T. 0.00 min

Lab File: VY002261.D

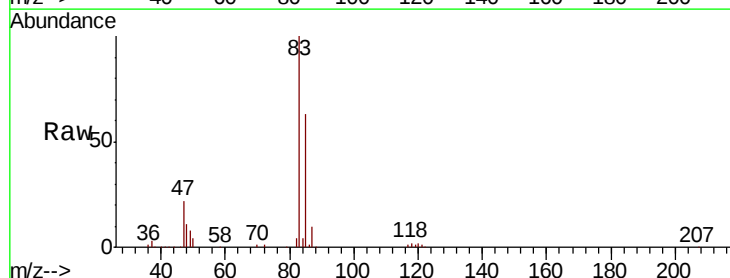
Acq: 08 Apr 2020 19:31

Tgt Ion: 83 Resp: 175712

Ion Ratio Lower Upper

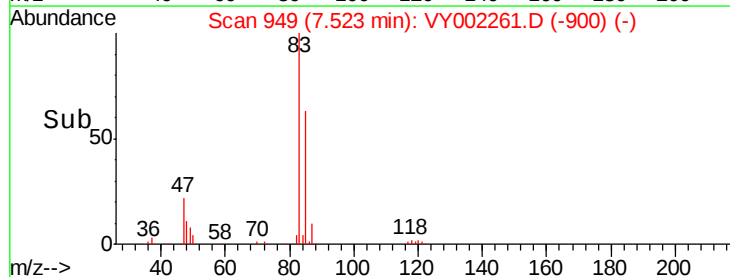
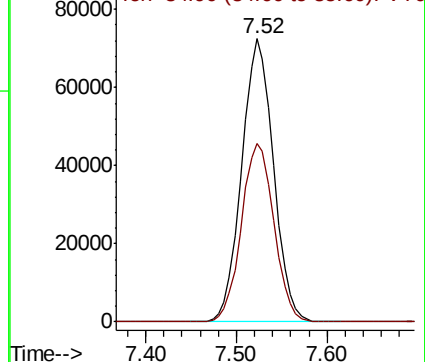
83 100

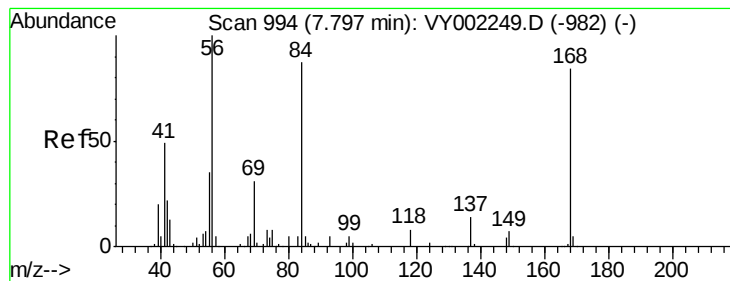
85 63.1 52.0 78.0



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0





#31

Cyclohexane

Concen: 46.983 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY002261.D

Acq: 08 Apr 2020 19:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

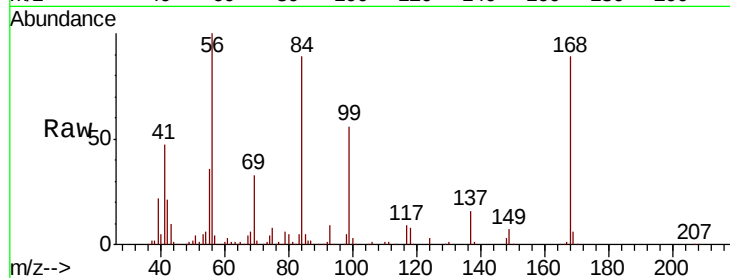
Tot Ion: 56 Resp: 180966

Ion Ratio Lower Upper

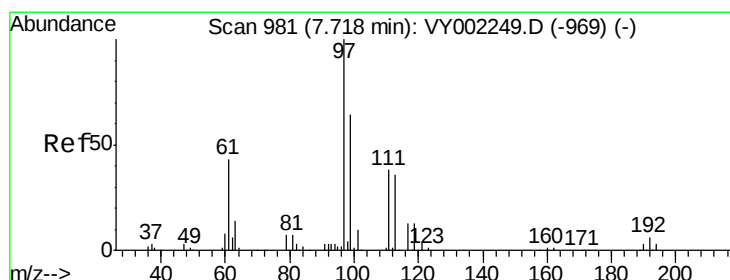
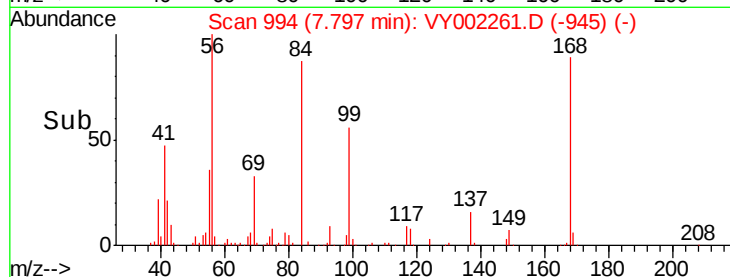
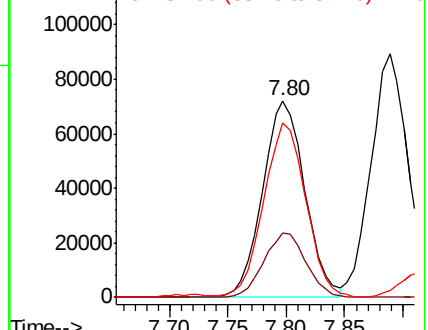
56 100

69 33.0 25.0 37.6

84 87.1 69.7 104.5



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: 49.284 ug/l

RT: 7.72 min Scan# 981

Delta R.T. 0.00 min

Lab File: VY002261.D

Acq: 08 Apr 2020 19:31

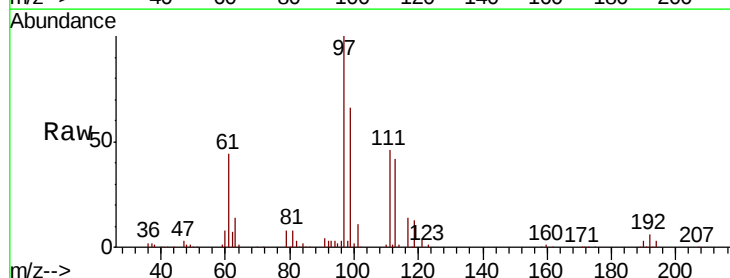
Tgt Ion: 97 Resp: 141893

Ion Ratio Lower Upper

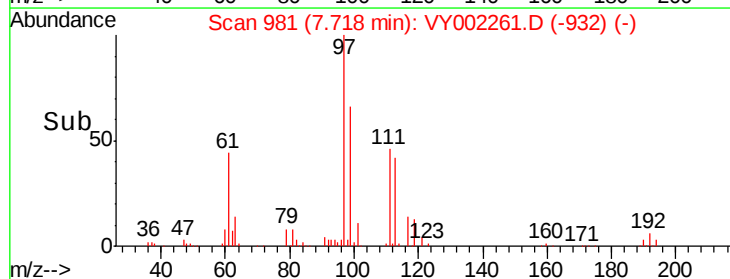
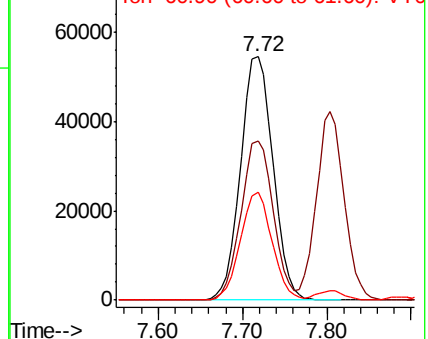
97 100

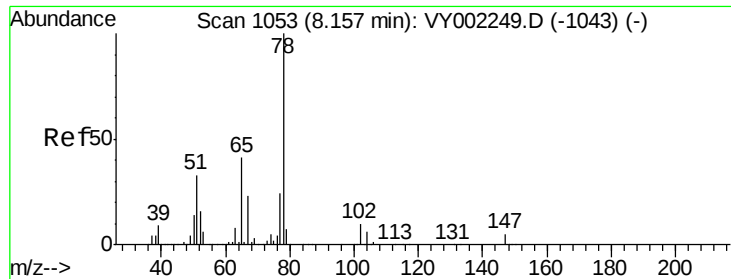
99 65.0 51.3 76.9

61 43.1 34.3 51.5



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

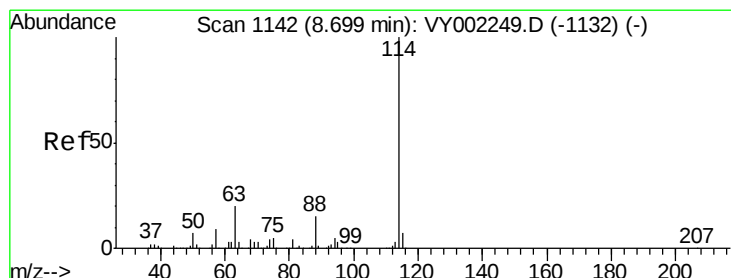
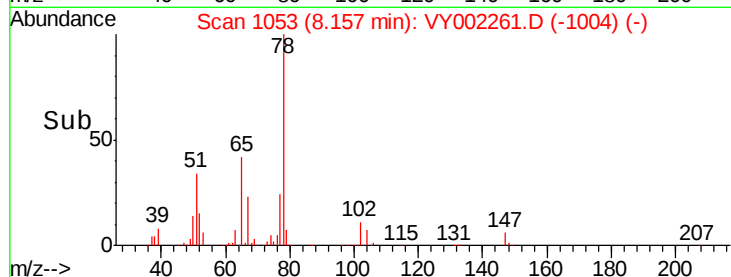
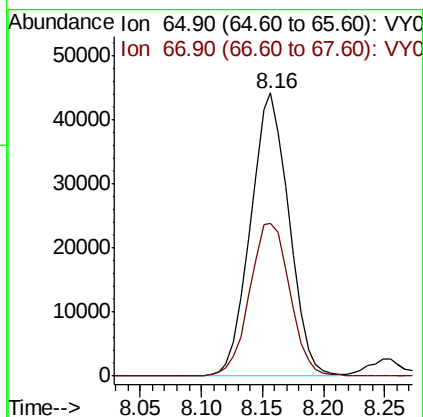
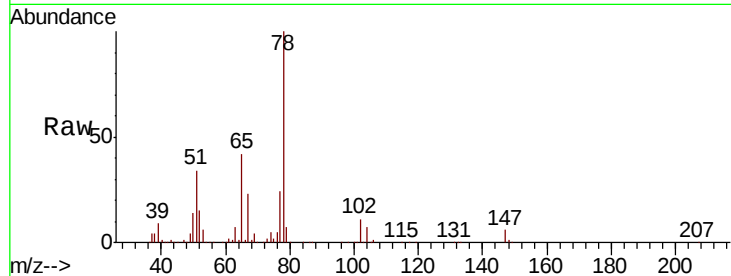




#33
 1,2-Dichloroethane-d4
 Concen: 52.622 ug/l
 RT: 8.16 min Scan# 1053
 Delta R.T. 0.00 min
 Lab File: VY002261.D
 Acq: 08 Apr 2020 19:31

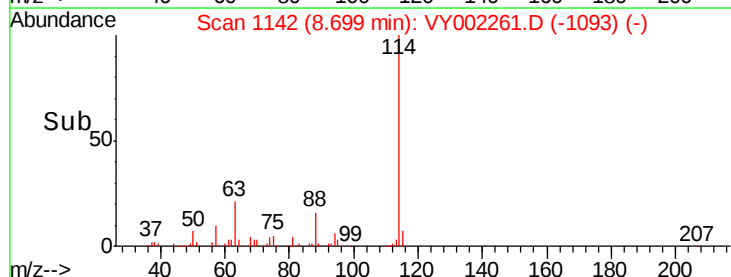
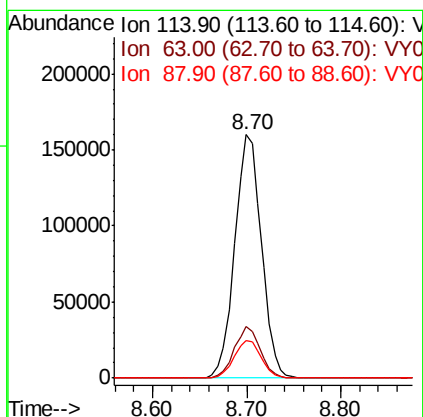
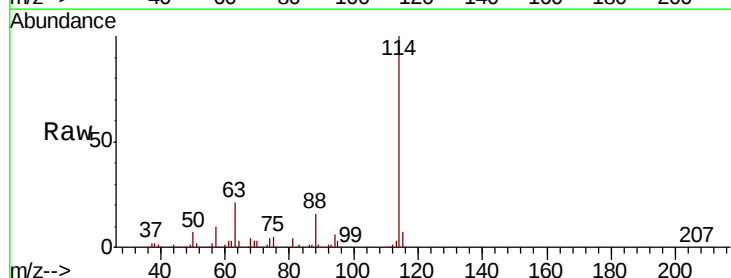
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

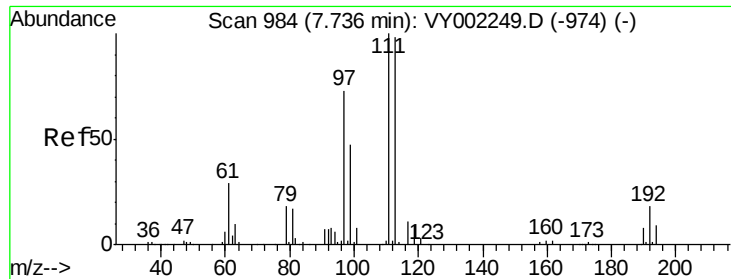
Tot Ion: 65 Resp: 96211
 Ion Ratio Lower Upper
 65 100
 67 56.5 0.0 114.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. 0.00 min
 Lab File: VY002261.D
 Acq: 08 Apr 2020 19:31

Tgt Ion: 114 Resp: 313154
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 39.0
 88 15.7 0.0 31.0

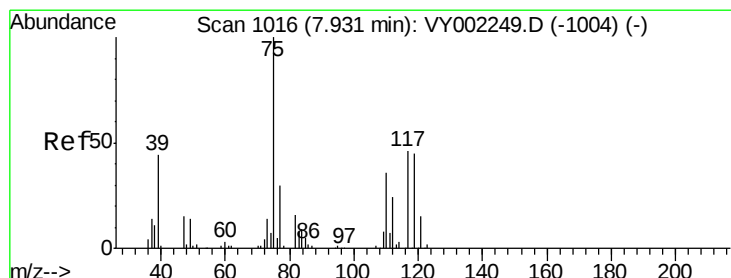
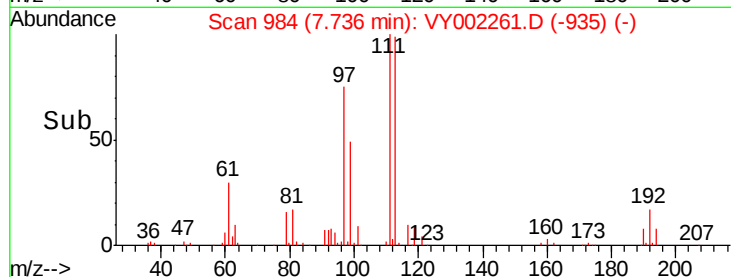
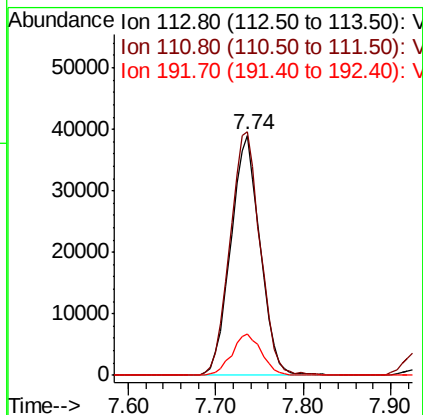
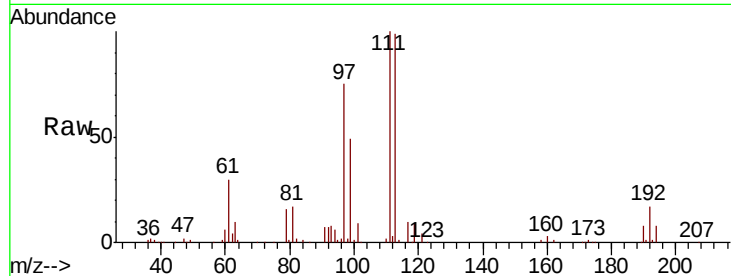




#35
 Dibromofluoromethane
 Concen: 48.669 ug/l
 RT: 7.74 min Scan# 984
 Delta R.T. 0.00 min
 Lab File: VY002261.D
 Acq: 08 Apr 2020 19:31

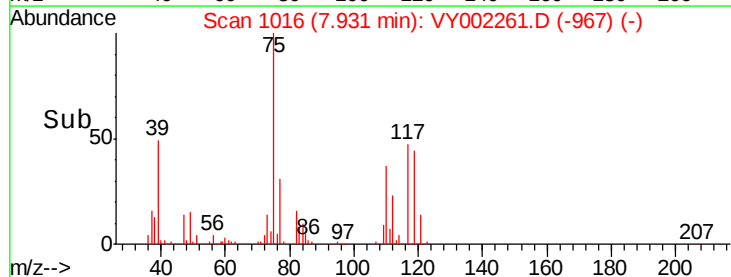
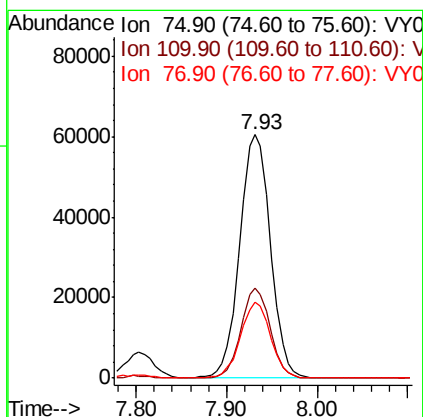
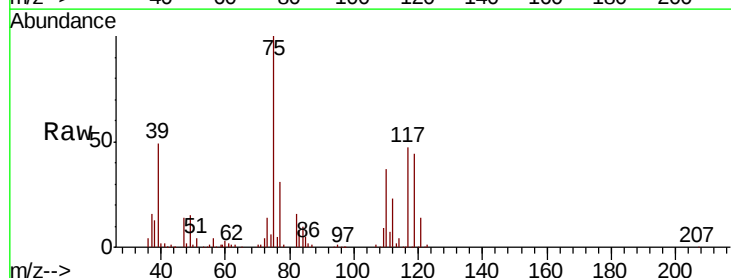
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

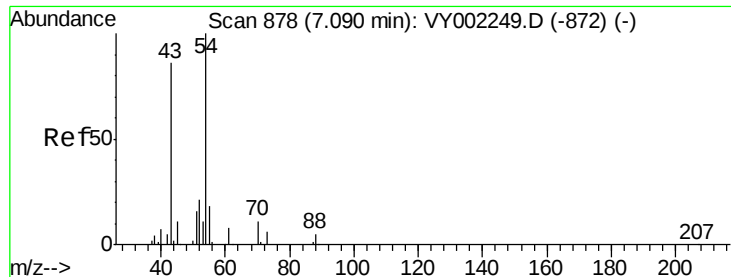
Tot Ion:113 Resp: 90688
 Ion Ratio Lower Upper
 113 100
 111 104.4 83.5 125.3
 192 17.5 14.7 22.1



#36
 1,1-Dichloropropene
 Concen: 46.095 ug/l
 RT: 7.93 min Scan# 1016
 Delta R.T. 0.00 min
 Lab File: VY002261.D
 Acq: 08 Apr 2020 19:31

Tgt Ion: 75 Resp: 142180
 Ion Ratio Lower Upper
 75 100
 110 34.9 17.8 53.3
 77 30.7 24.4 36.6

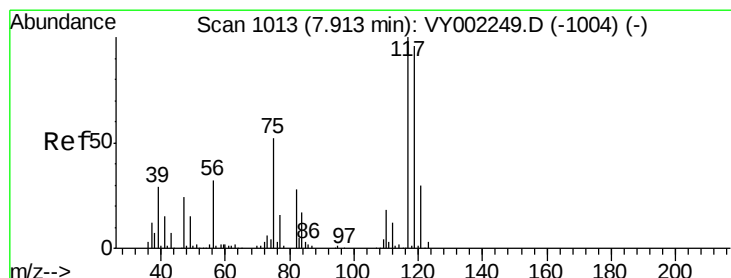
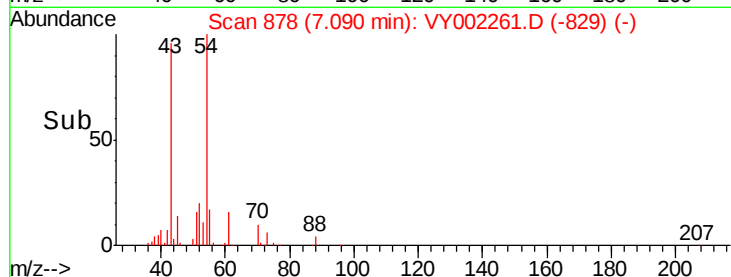
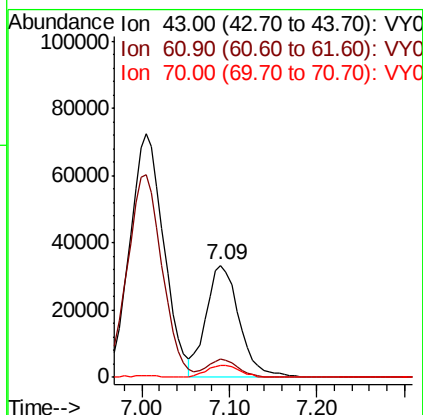
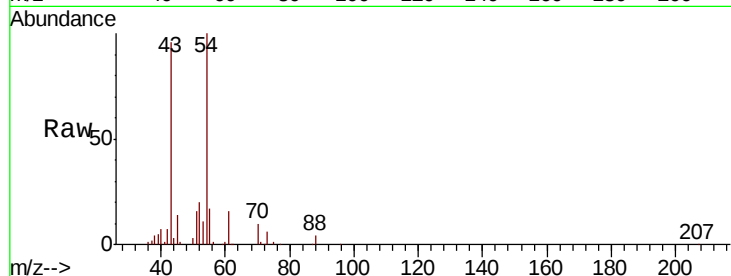




#37
Ethyl Acetate
Concen: 50.298 ug/l
RT: 7.09 min Scan# 878
Delta R.T. 0.00 min
Lab File: VY002261.D
Acq: 08 Apr 2020 19:31

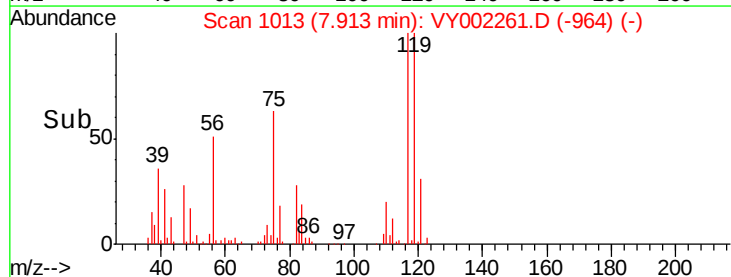
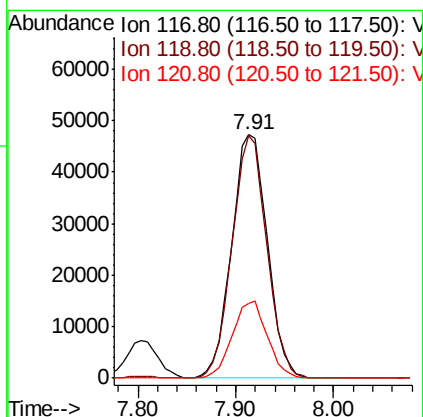
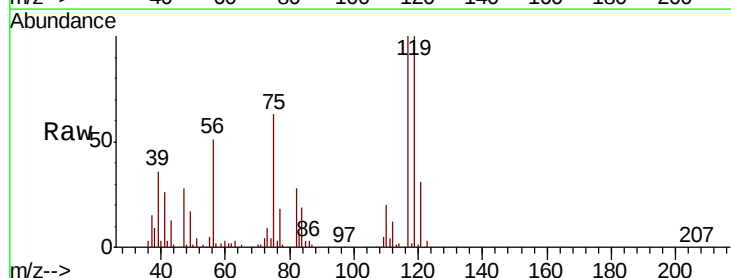
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

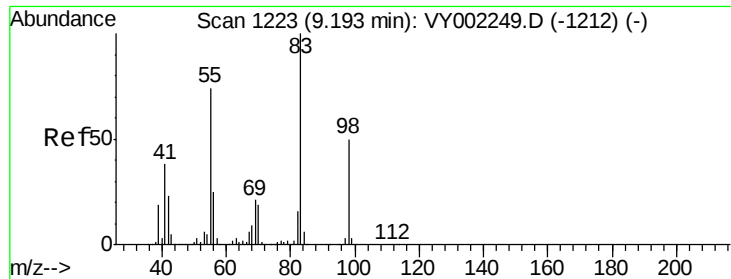
Tot Ion: 43 Resp: 88632
Ion Ratio Lower Upper
43 100
61 15.4 11.8 17.6
70 11.0 9.1 13.7



#38
Carbon Tetrachloride
Concen: 45.410 ug/l
RT: 7.91 min Scan# 1013
Delta R.T. 0.00 min
Lab File: VY002261.D
Acq: 08 Apr 2020 19:31

Tgt Ion: 117 Resp: 119809
Ion Ratio Lower Upper
117 100
119 99.5 77.1 115.7
121 30.9 23.9 35.9

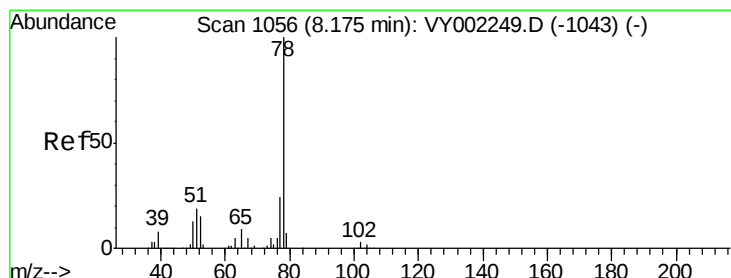
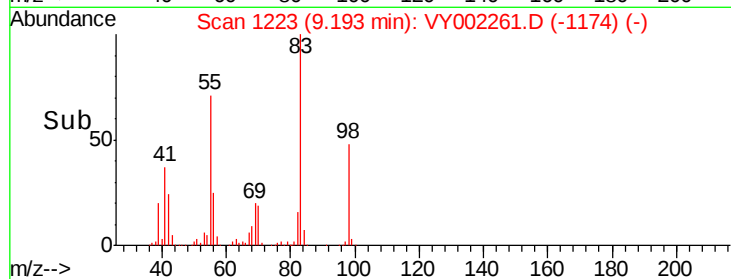
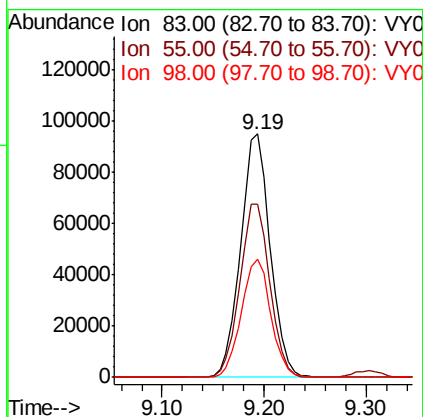
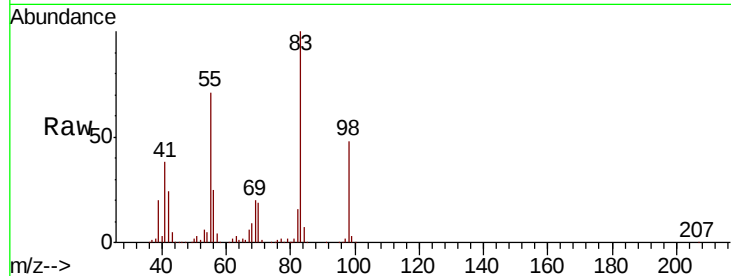




#39
Methvlcvclohexane
Concen: 45.471 ug/l
RT: 9.19 min Scan# 1223
Delta R.T. 0.00 min
Lab File: VY002261.D
Acq: 08 Apr 2020 19:31

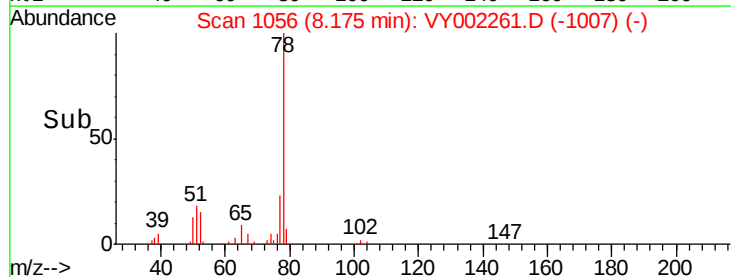
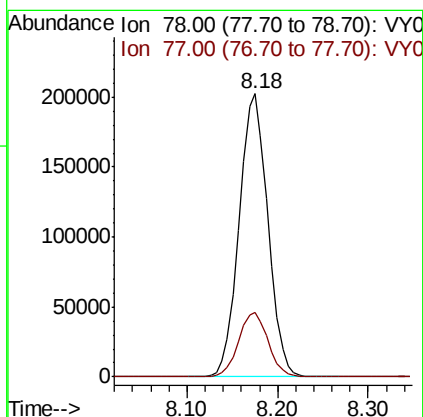
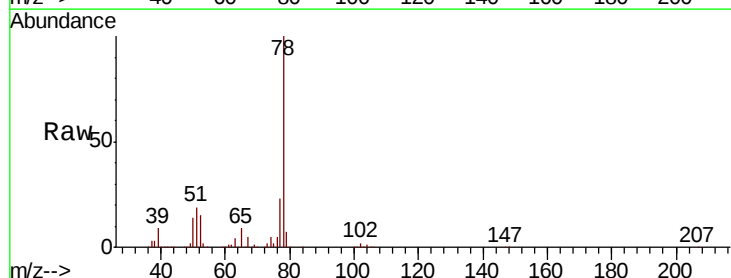
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

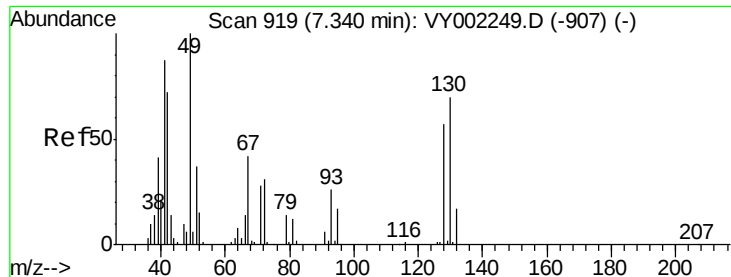
Tot Ion: 83 Resp: 190792
Ion Ratio Lower Upper
83 100
55 70.9 59.3 88.9
98 48.4 39.6 59.4



#40
Benzene
Concen: 47.310 ug/l
RT: 8.18 min Scan# 1056
Delta R.T. 0.00 min
Lab File: VY002261.D
Acq: 08 Apr 2020 19:31

Tgt Ion: 78 Resp: 442749
Ion Ratio Lower Upper
78 100
77 23.0 18.9 28.3

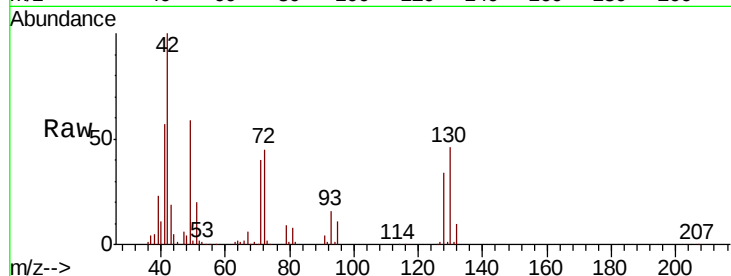




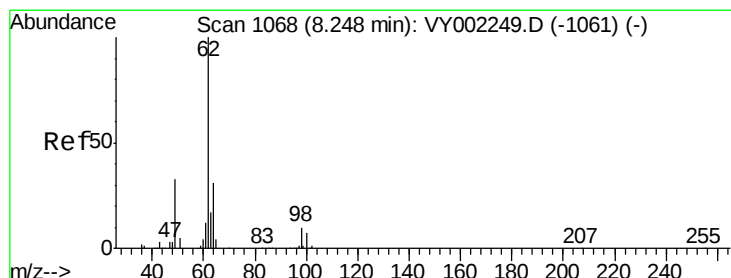
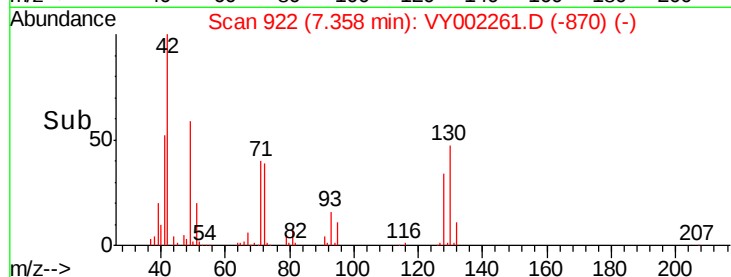
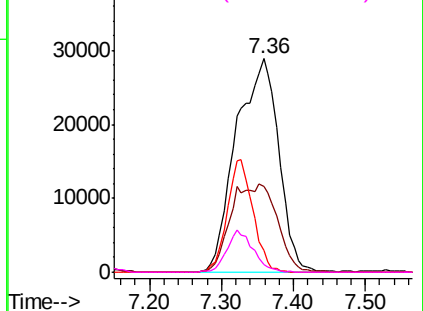
#41
Methacrylonitrile
Concen: 114.094 ug/l
RT: 7.36 min Scan# 922
Delta R.T. 0.02 min
Lab File: VY002261.D
Acq: 08 Apr 2020 19:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion:	41	Resp:	118601
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

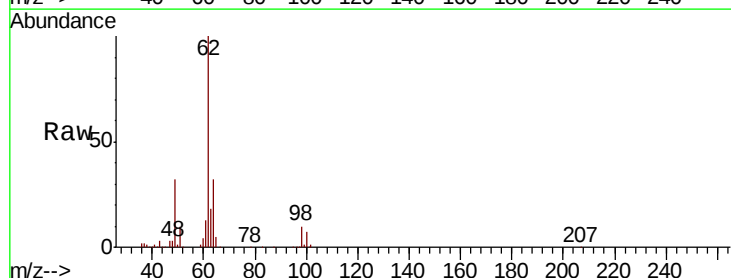


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

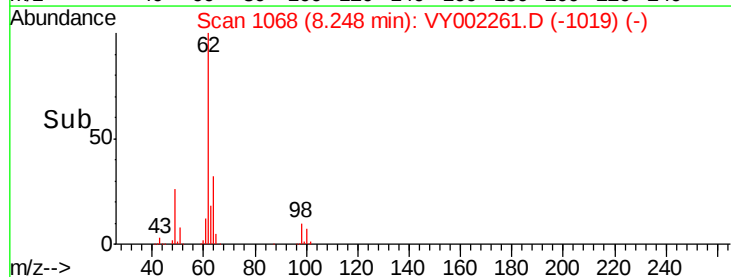
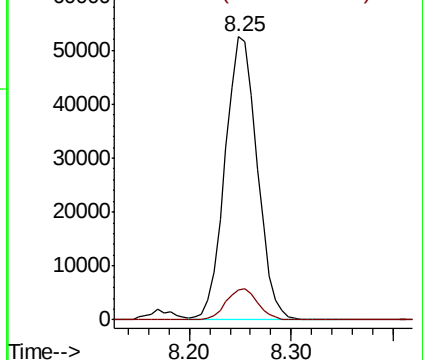


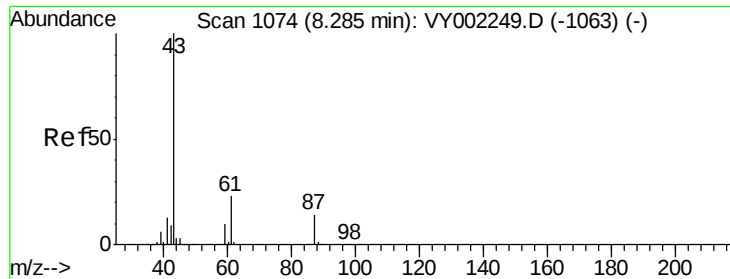
#42
1,2-Dichloroethane
Concen: 49.483 ug/l
RT: 8.25 min Scan# 1068
Delta R.T. 0.00 min
Lab File: VY002261.D
Acq: 08 Apr 2020 19:31

Tgt Ion:	62	Resp:	114713
Ion	Ratio	Lower	Upper
62	100		
98	10.8	0.0	22.6



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

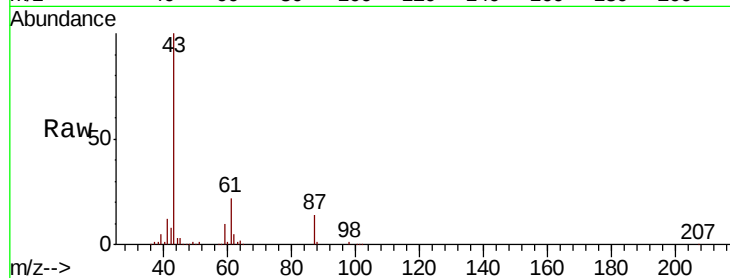




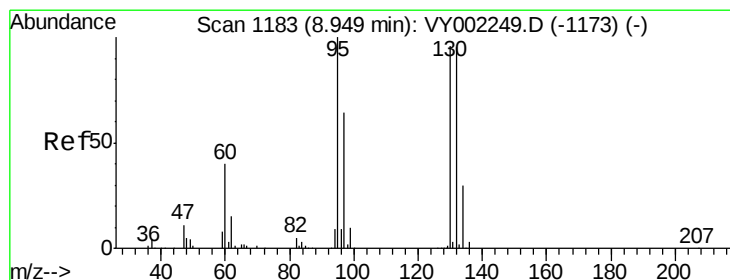
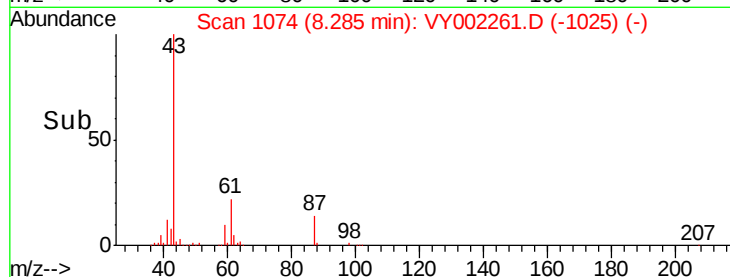
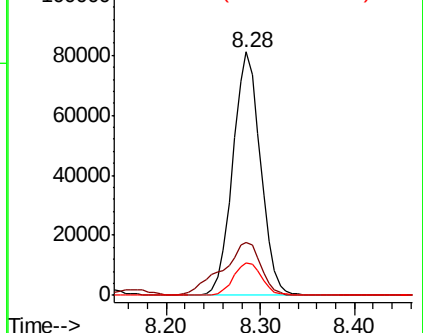
#43
Isopropyl Acetate
Concen: 51.717 ug/l
RT: 8.28 min Scan# 1074
Delta R.T. 0.00 min
Lab File: VY002261.D
Acq: 08 Apr 2020 19:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 166203
Ion Ratio Lower Upper
43 100
61 29.9 24.9 37.3
87 13.7 11.7 17.5

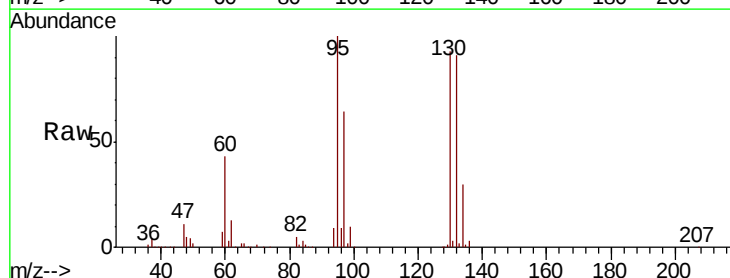


Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 61.00 (60.70 to 61.70): VY0
Ion 87.00 (86.70 to 87.70): VY0

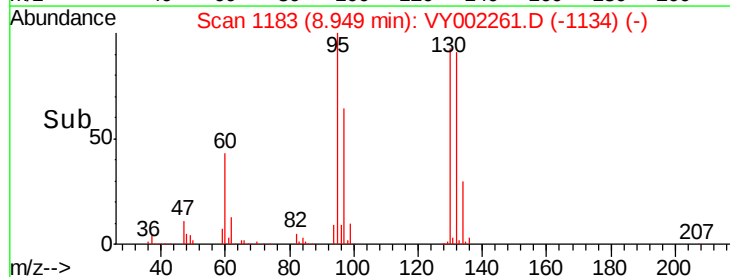
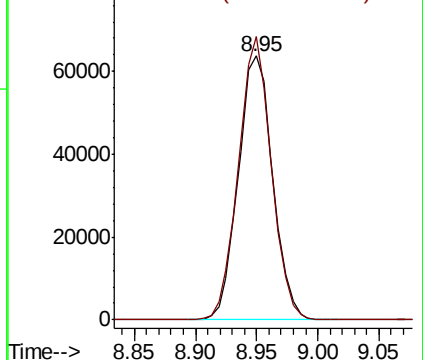


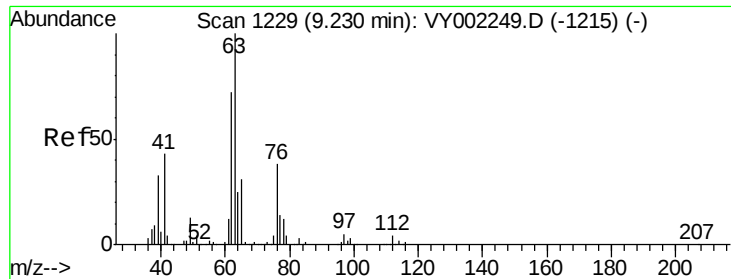
#44
Trichloroethene
Concen: 45.328 ug/l
RT: 8.95 min Scan# 1183
Delta R.T. 0.00 min
Lab File: VY002261.D
Acq: 08 Apr 2020 19:31

Tgt Ion:130 Resp: 124716
Ion Ratio Lower Upper
130 100
95 107.4 0.0 208.2



Abundance Ion 129.80 (129.50 to 130.50): V
80000 Ion 94.90 (94.60 to 95.60): VY0





#45

1,2-Dichloropropane

Concen: 48.874 ug/l

RT: 9.22 min Scan# 1228

Delta R.T. -0.01 min

Lab File: VY002261.D

Acq: 08 Apr 2020 19:31

Instrument :

MSVOA_Y

ClientSampleId :

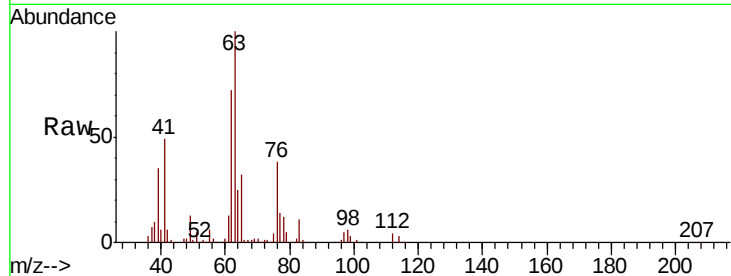
VSTDCCC050EC

Tot Ion: 63 Resp: 113484

Ion Ratio Lower Upper

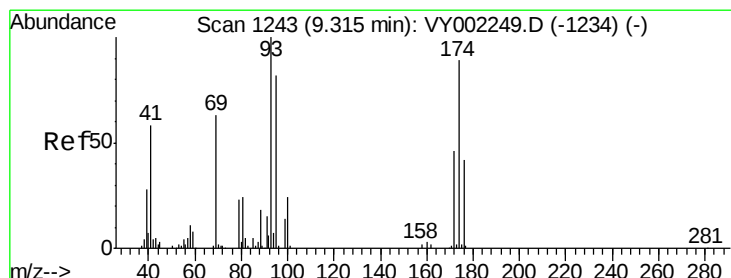
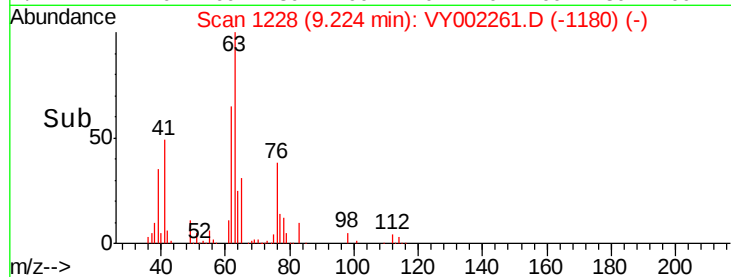
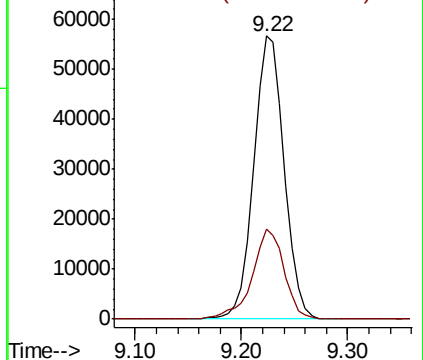
63 100

65 31.6 24.6 37.0



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 64.90 (64.60 to 65.60): VY0



#46

Dibromomethane

Concen: 48.483 ug/l

RT: 9.32 min Scan# 1243

Delta R.T. 0.00 min

Lab File: VY002261.D

Acq: 08 Apr 2020 19:31

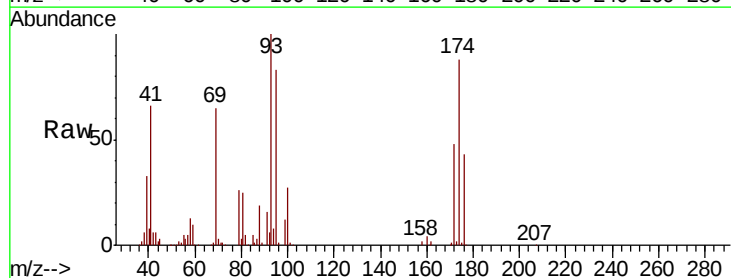
Tgt Ion: 93 Resp: 58862

Ion Ratio Lower Upper

93 100

95 84.1 67.3 100.9

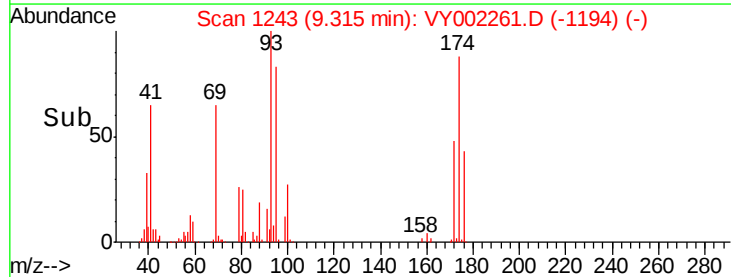
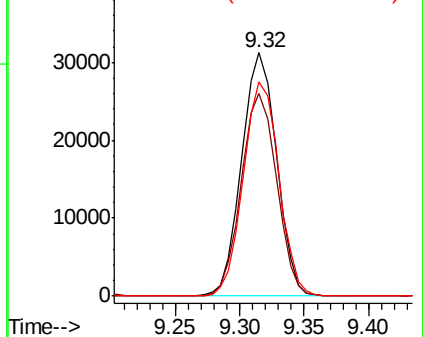
174 89.5 72.5 108.7

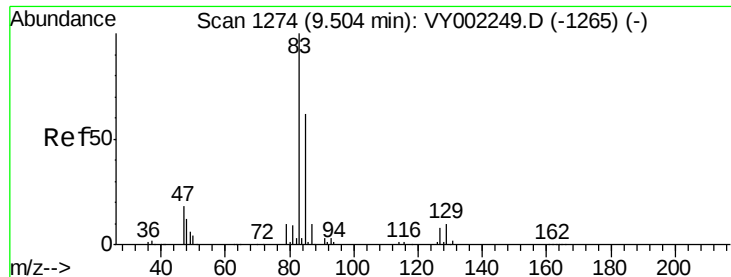


Abundance Ion 92.80 (92.50 to 93.50): VY0

Ion 94.80 (94.50 to 95.50): VY0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 49.755 ug/l

RT: 9.50 min Scan# 1274

Delta R.T. 0.00 min

Lab File: VY002261.D

Acq: 08 Apr 2020 19:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

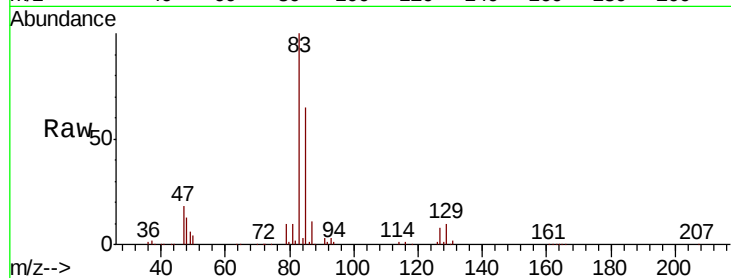
Tot Ion: 83 Resp: 138603

Ion Ratio Lower Upper

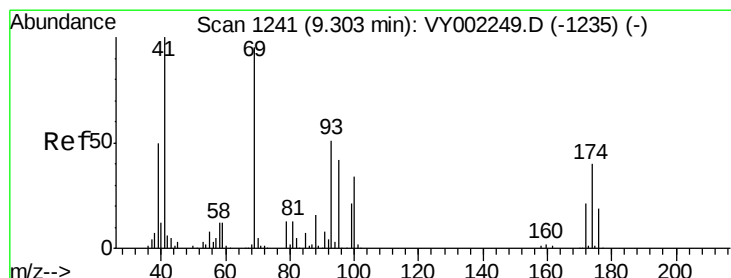
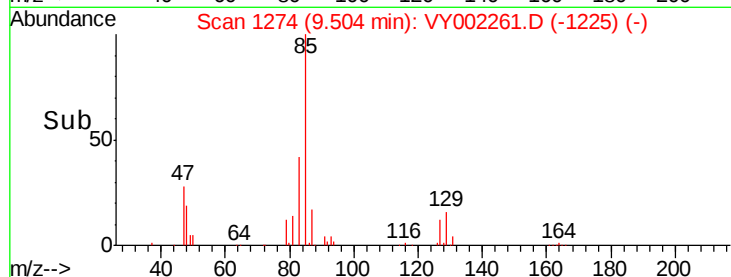
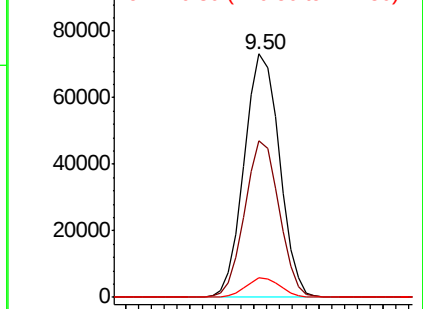
83 100

85 64.5 49.7 74.5

127 8.0 6.2 9.4



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



#48

Methyl methacrylate

Concen: 50.364 ug/l

RT: 9.30 min Scan# 1241

Delta R.T. 0.00 min

Lab File: VY002261.D

Acq: 08 Apr 2020 19:31

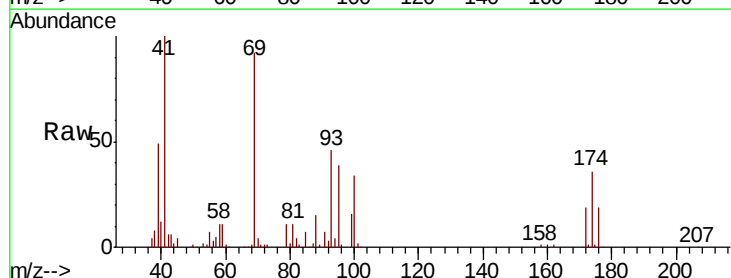
Tgt Ion: 41 Resp: 72575

Ion Ratio Lower Upper

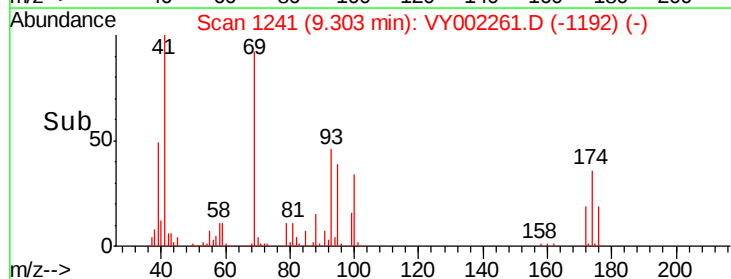
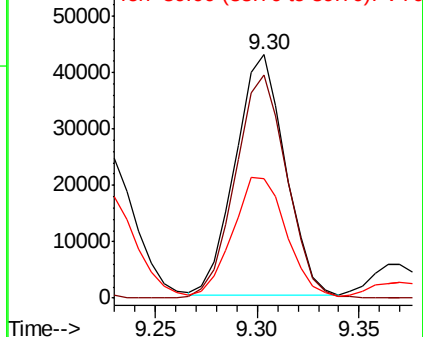
41 100

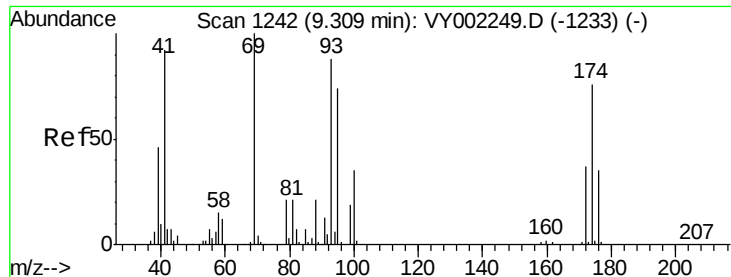
69 95.4 76.7 115.1

39 52.3 40.5 60.7



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

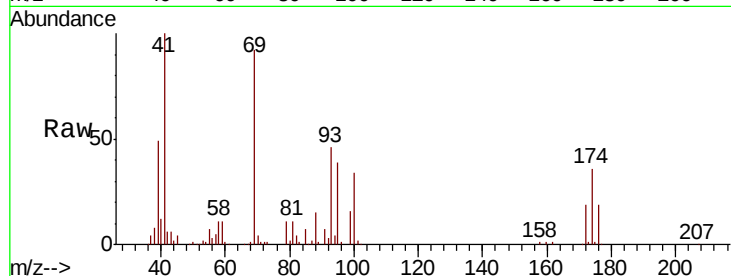




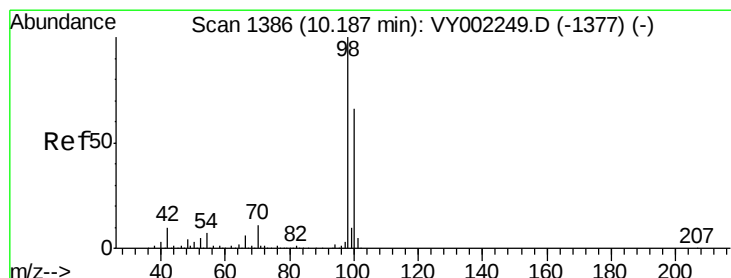
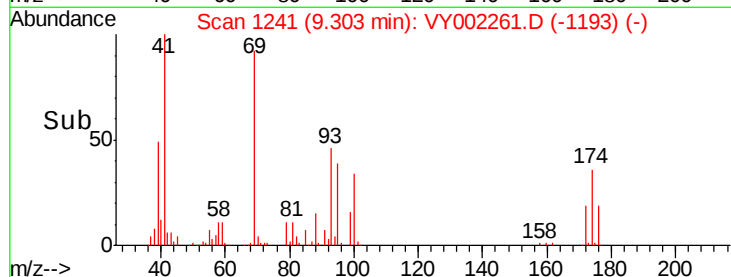
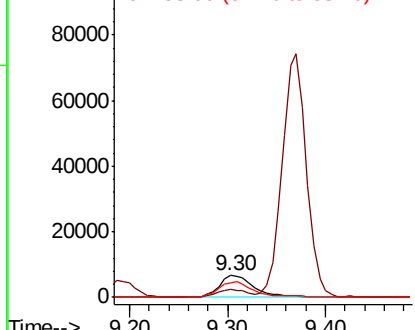
#49
1,4-Dioxane
Concen: 972.881 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. -0.01 min
Lab File: VY002261.D
Acq: 08 Apr 2020 19:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 88 Resp: 16708
Ion Ratio Lower Upper
88 100
43 30.8 22.2 33.2
58 66.8 57.6 86.4

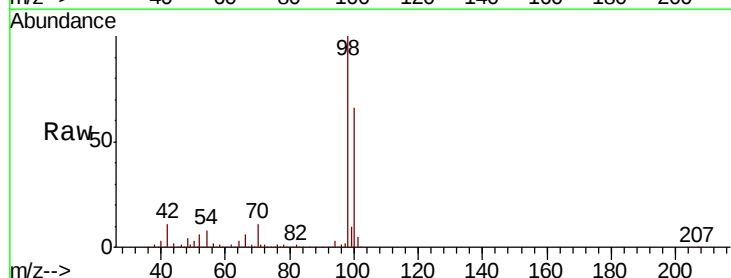


Abundance Ion 88.00 (87.70 to 88.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0

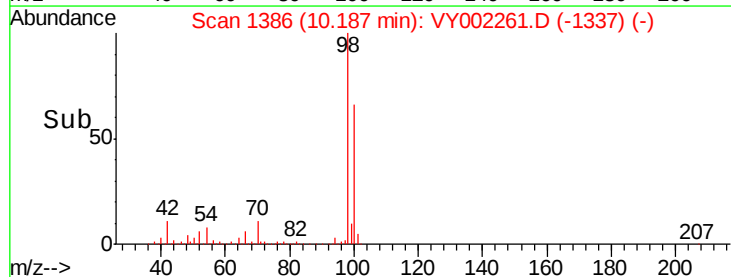
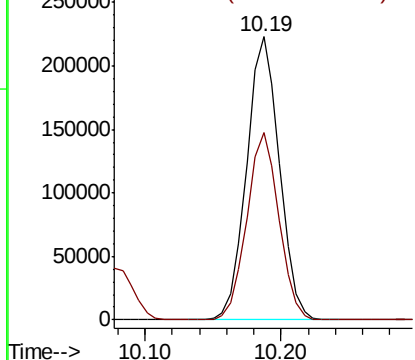


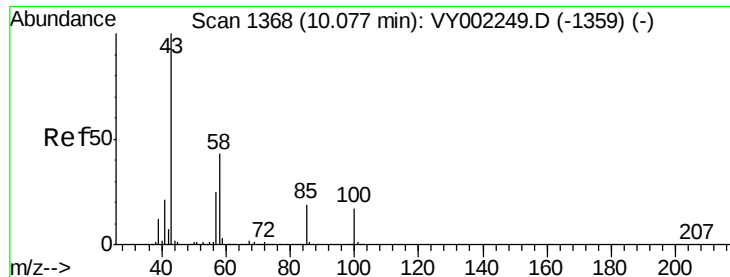
#50
Toluene-d8
Concen: 48.147 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. 0.00 min
Lab File: VY002261.D
Acq: 08 Apr 2020 19:31

Tgt Ion: 98 Resp: 375515
Ion Ratio Lower Upper
98 100
100 65.1 52.6 78.8



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





#51

4-Methyl-2-Pentanone

Concen: 255.275 ug/l

RT: 10.08 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VY002261.D

Acq: 08 Apr 2020 19:31

Instrument :

MSVOA_Y

ClientSampleId :

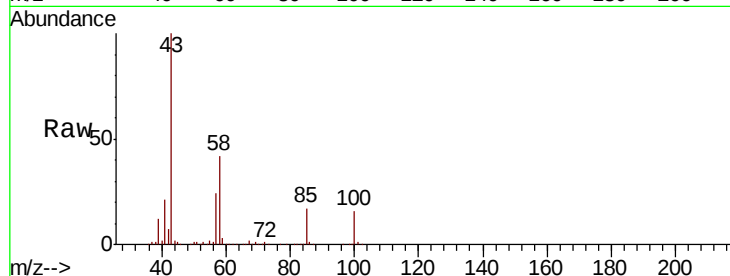
VSTDCCC050EC

Tot Ion: 43 Resp: 427488

Ion Ratio Lower Upper

43 100

58 41.7 33.8 50.8



Abundance Ion 43.00 (42.70 to 43.70): VY002249.D (-1359) (-)

Ion 58.00 (57.70 to 58.70): VY002249.D (-1359) (-)

10.08

250000

200000

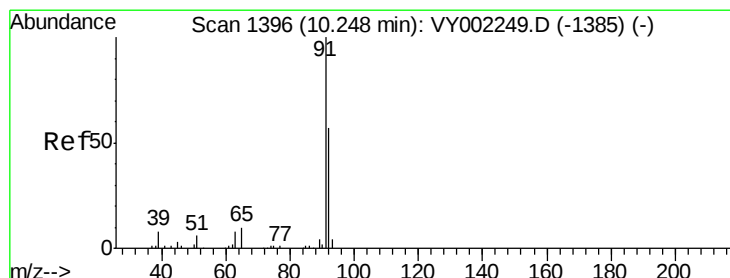
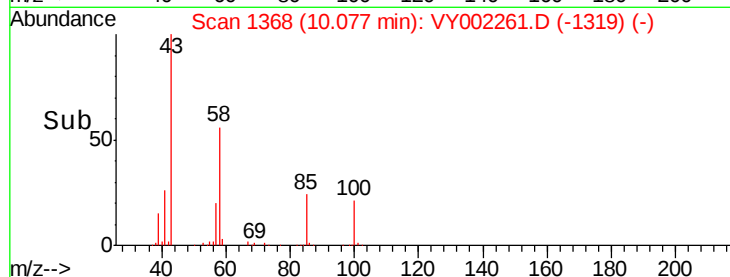
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 47.222 ug/l

RT: 10.25 min Scan# 1397

Delta R.T. 0.01 min

Lab File: VY002261.D

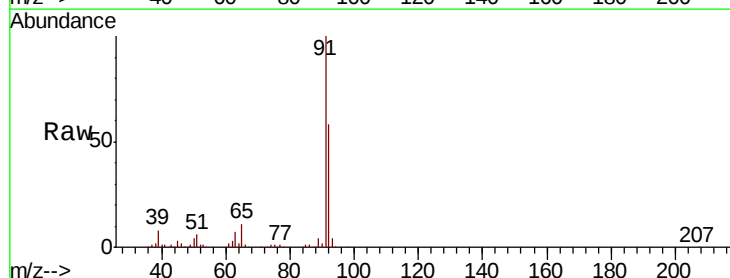
Acq: 08 Apr 2020 19:31

Tgt Ion: 92 Resp: 266325

Ion Ratio Lower Upper

92 100

91 171.8 139.0 208.6



Abundance Ion 92.00 (91.70 to 92.70): VY002249.D (-1385) (-)

Ion 91.00 (90.70 to 91.70): VY002249.D (-1385) (-)

10.25

250000

200000

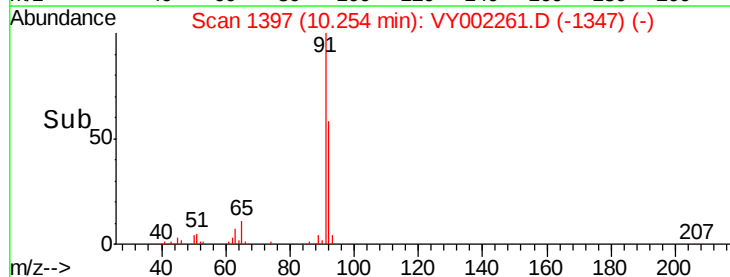
150000

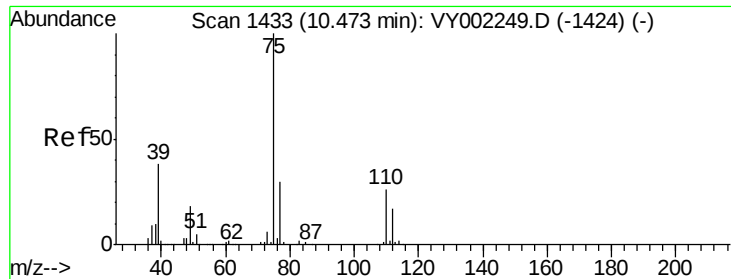
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 49.737 ug/l

RT: 10.47 min Scan# 1433

Delta R.T. 0.00 min

Lab File: VY002261.D

Acq: 08 Apr 2020 19:31

Instrument :

MSVOA_Y

ClientSampleId :

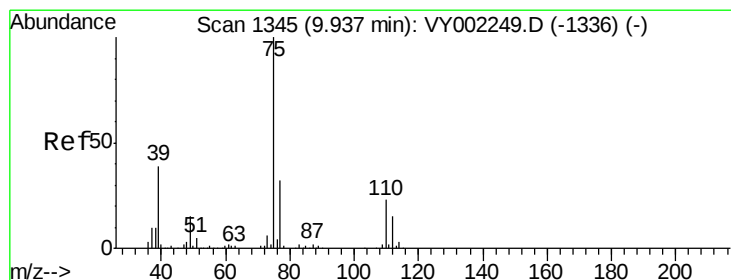
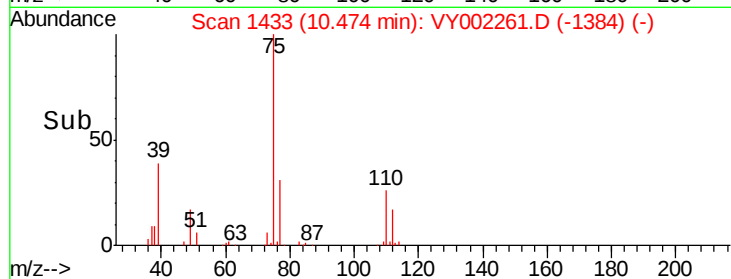
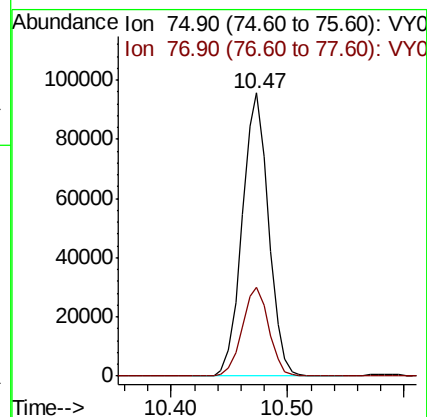
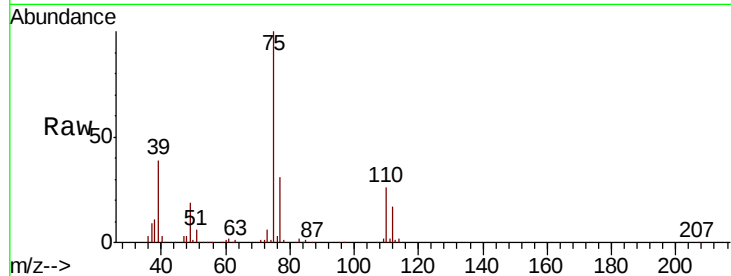
VSTDCCC050EC

Tot Ion: 75 Resp: 150962

Ion Ratio Lower Upper

75 100

77 31.3 24.2 36.2



#54

cis-1,3-Dichloropropene

Concen: 48.851 ug/l

RT: 9.94 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VY002261.D

Acq: 08 Apr 2020 19:31

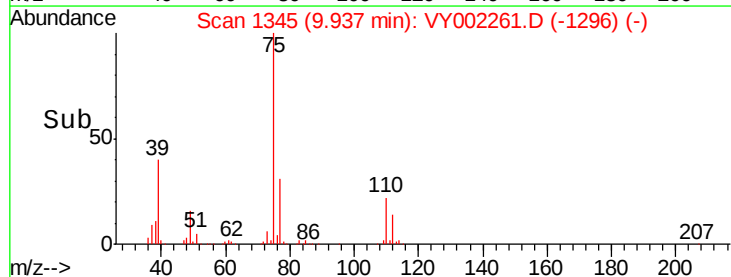
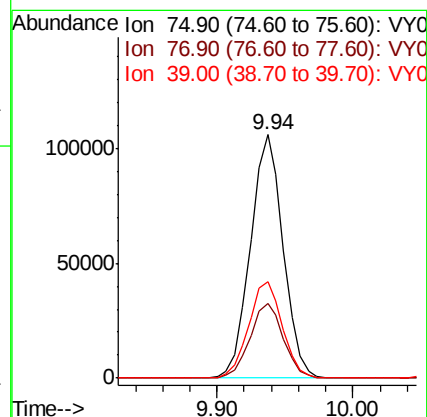
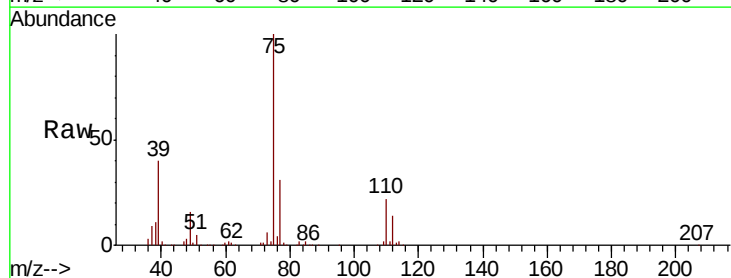
Tgt Ion: 75 Resp: 178258

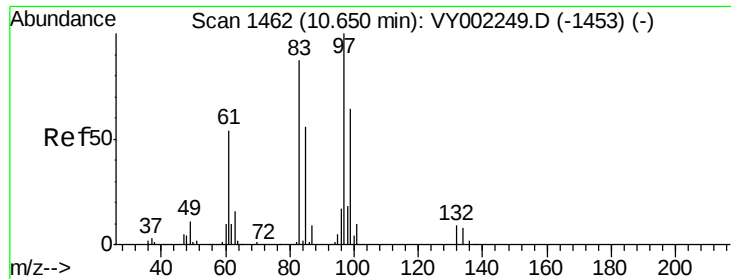
Ion Ratio Lower Upper

75 100

77 30.6 25.8 38.8

39 39.7 30.8 46.2

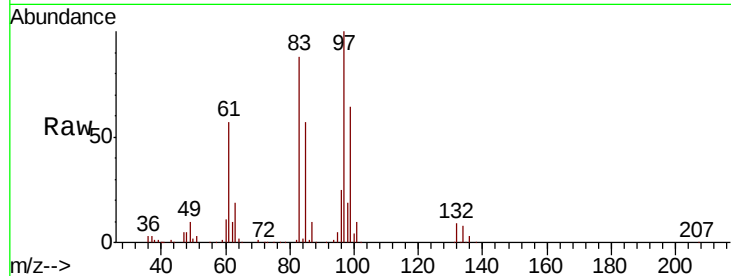




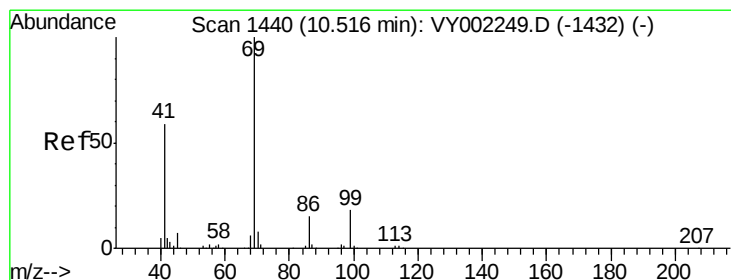
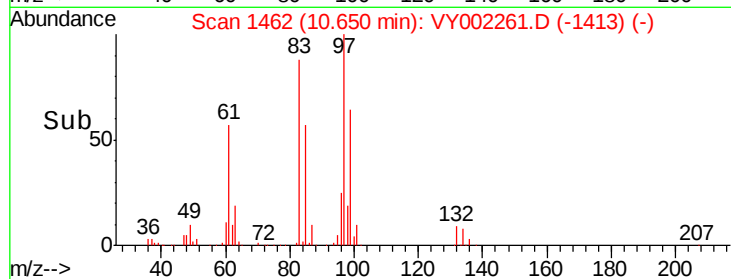
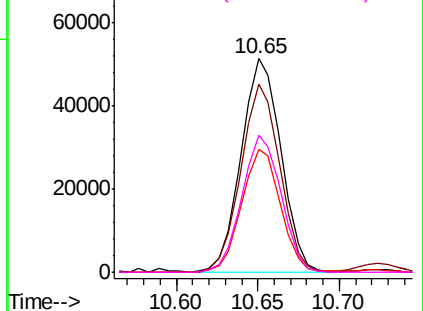
#55
 1,1,2-Trichloroethane
 Concen: 48.803 ug/l
 RT: 10.65 min Scan# 1462
 Delta R.T. 0.00 min
 Lab File: VY002261.D
 Acq: 08 Apr 2020 19:31

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 97 Resp: 86746
 Ion Ratio Lower Upper
 97 100
 83 88.1 69.5 104.3
 85 57.6 45.2 67.8
 99 64.1 50.9 76.3

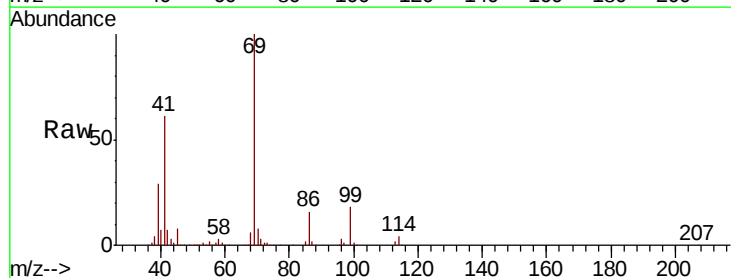


Abundance Ion 96.90 (96.60 to 97.60): VY0
 Ion 82.90 (82.60 to 83.60): VY0
 Ion 84.90 (84.60 to 85.60): VY0
 Ion 98.90 (98.60 to 99.60): VY0

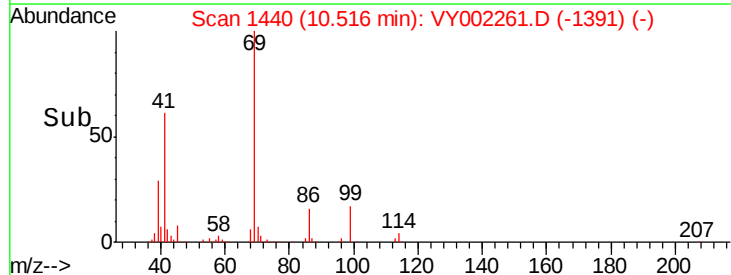
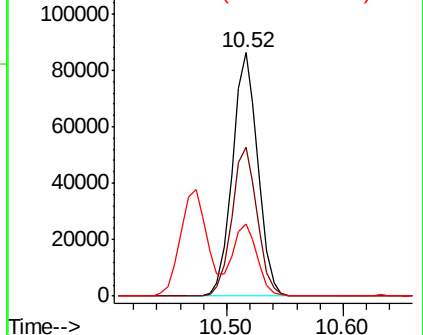


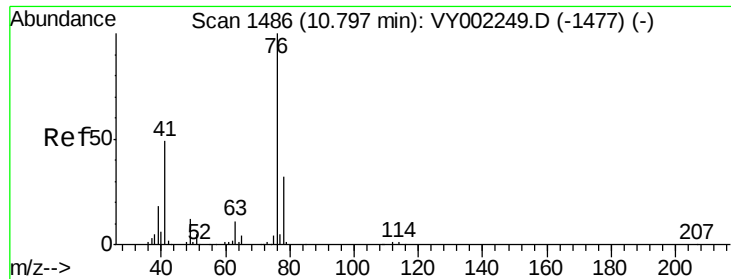
#56
 Ethyl methacrylate
 Concen: 51.397 ug/l
 RT: 10.52 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: VY002261.D
 Acq: 08 Apr 2020 19:31

Tgt Ion: 69 Resp: 130388
 Ion Ratio Lower Upper
 69 100
 41 61.1 47.9 71.9
 39 29.7 23.8 35.6



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: 49.394 ug/l

RT: 10.80 min Scan# 1486

Delta R.T. 0.00 min

Lab File: VY002261.D

Acq: 08 Apr 2020 19:31

Instrument :

MSVOA_Y

ClientSampleId :

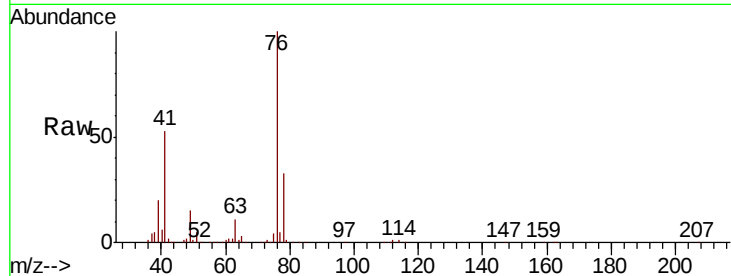
VSTDCCC050EC

Tot Ion: 76 Resp: 154319

Ion Ratio Lower Upper

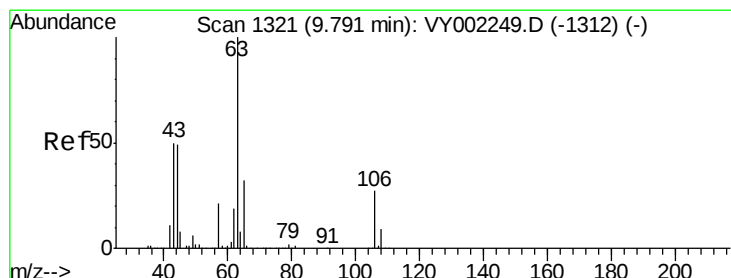
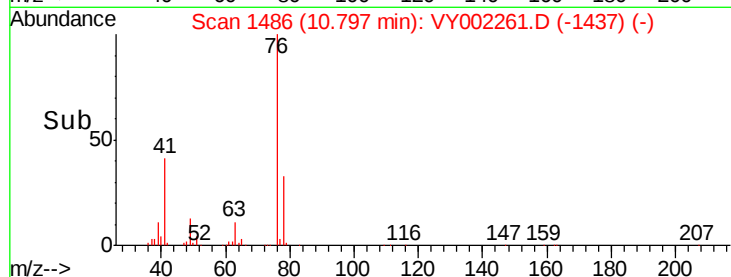
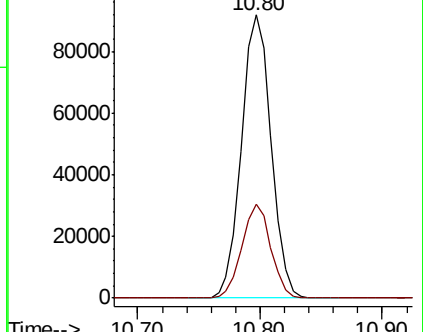
76 100

78 32.3 25.8 38.6



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: 257.566 ug/l

RT: 9.79 min Scan# 1321

Delta R.T. 0.00 min

Lab File: VY002261.D

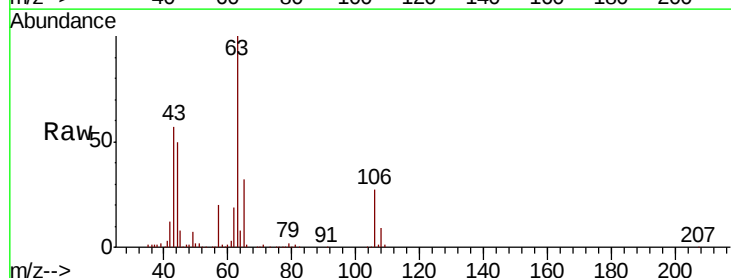
Acq: 08 Apr 2020 19:31

Tgt Ion: 63 Resp: 338368

Ion Ratio Lower Upper

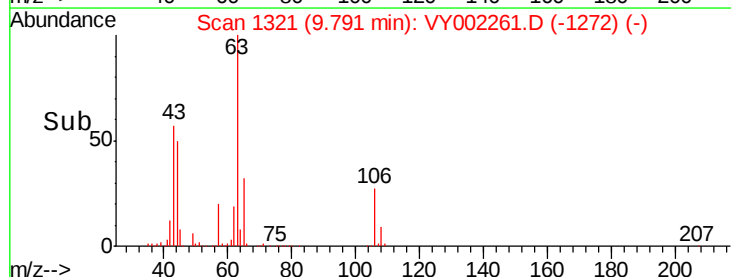
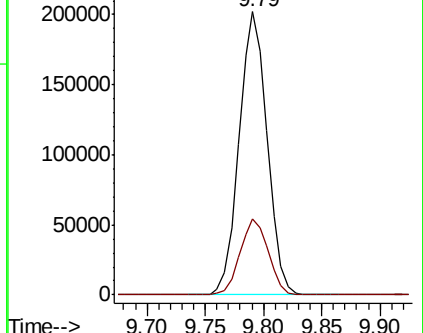
63 100

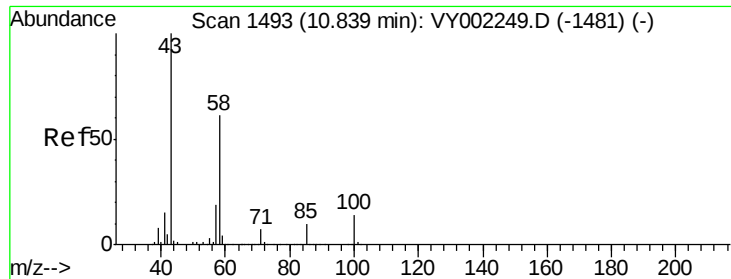
106 26.9 22.2 33.2



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

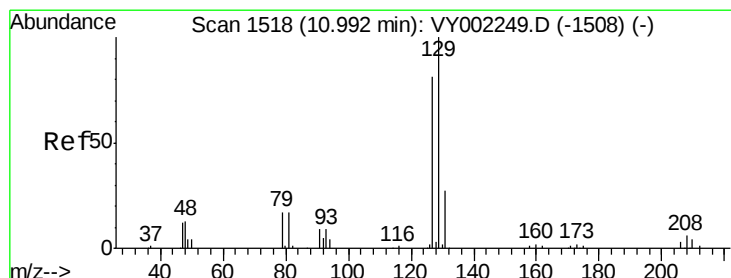
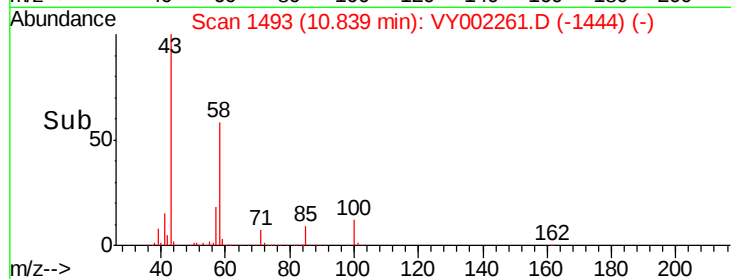
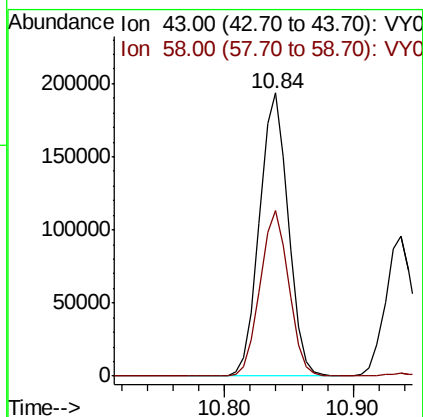
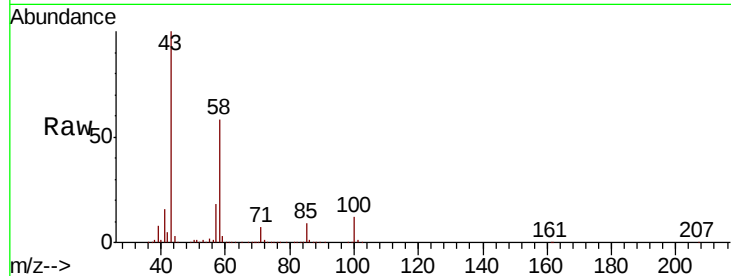




#59
2-Hexanone
Concen: 256.473 ug/l
RT: 10.84 min Scan# 1493
Delta R.T. 0.00 min
Lab File: VY002261.D
Acq: 08 Apr 2020 19:31

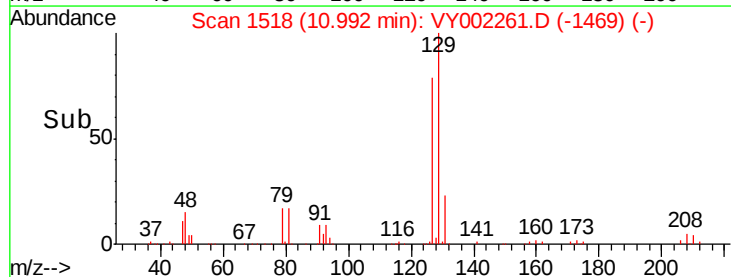
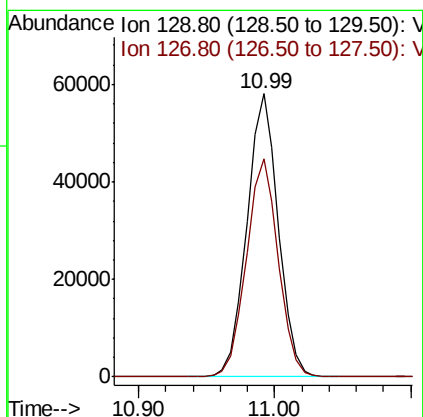
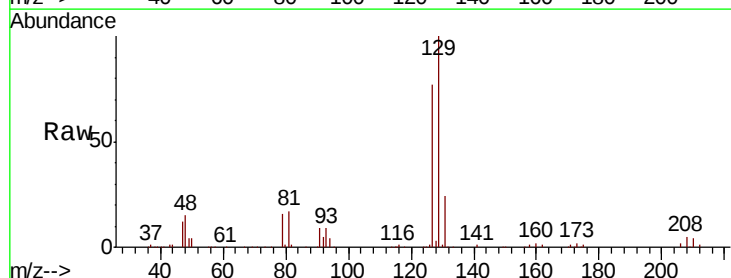
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

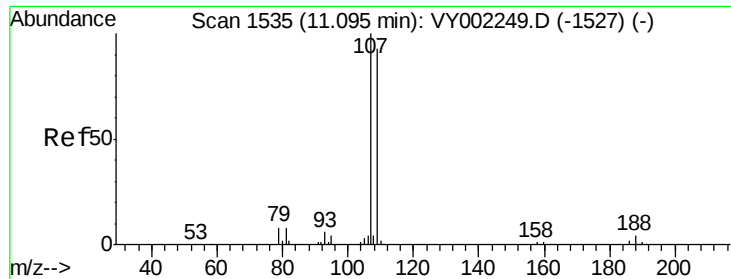
Tot Ion: 43 Resp: 298081
Ion Ratio Lower Upper
43 100
58 58.4 29.8 89.3



#60
Dibromochloromethane
Concen: 49.509 ug/l
RT: 10.99 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VY002261.D
Acq: 08 Apr 2020 19:31

Tgt Ion: 129 Resp: 93835
Ion Ratio Lower Upper
129 100
127 78.2 39.0 117.0

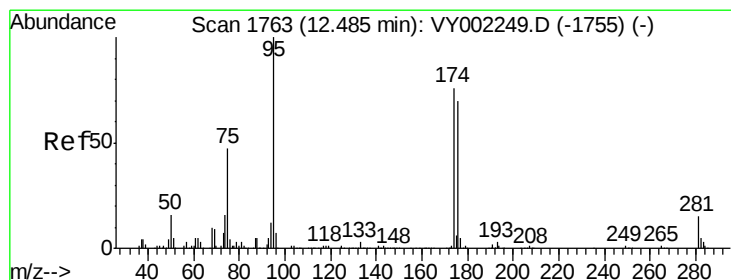
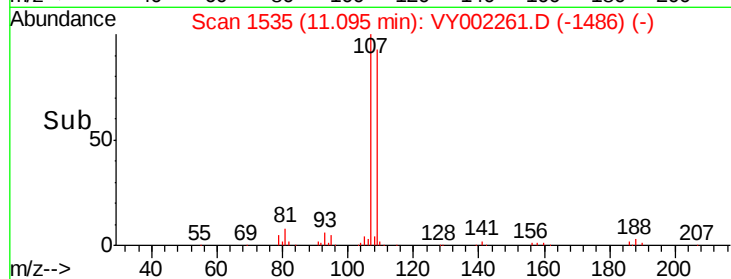
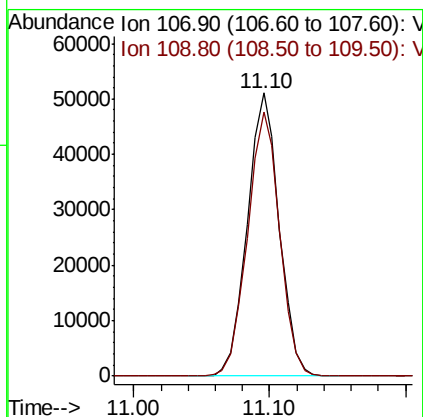
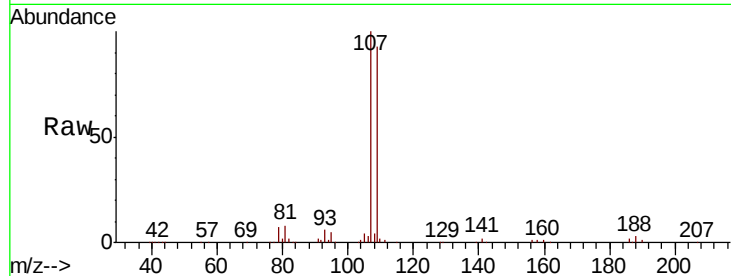




#61
 1,2-Dibromoethane
 Concen: 49.418 ug/l
 RT: 11.10 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VY002261.D
 Acq: 08 Apr 2020 19:31

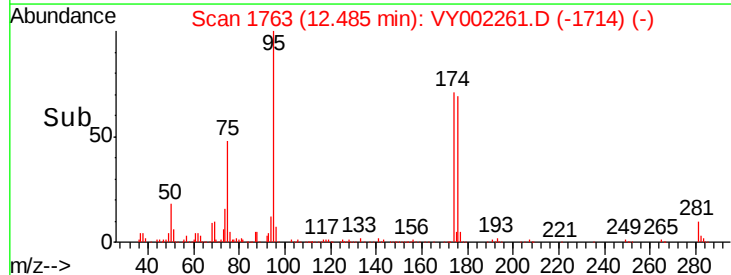
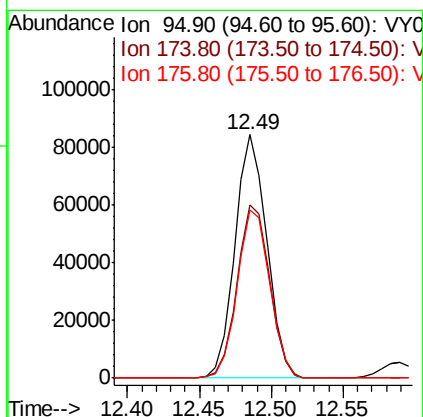
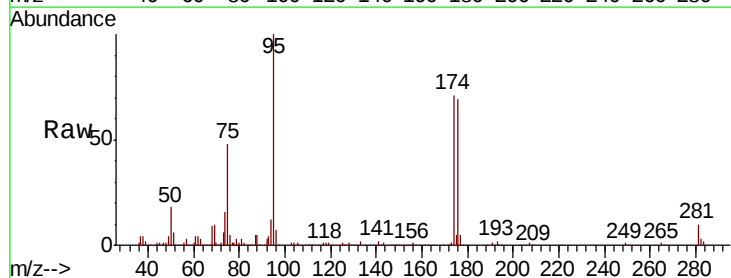
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

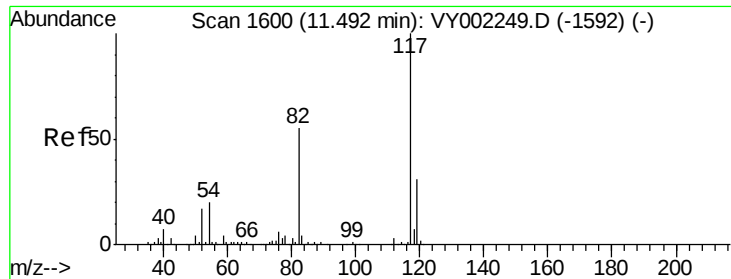
Tot Ion:107 Resp: 83623
 Ion Ratio Lower Upper
 107 100
 109 94.1 75.6 113.4



#62
 4-Bromofluorobenzene
 Concen: 50.596 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. 0.00 min
 Lab File: VY002261.D
 Acq: 08 Apr 2020 19:31

Tgt Ion: 95 Resp: 130189
 Ion Ratio Lower Upper
 95 100
 174 72.4 0.0 150.6
 176 70.3 0.0 141.4

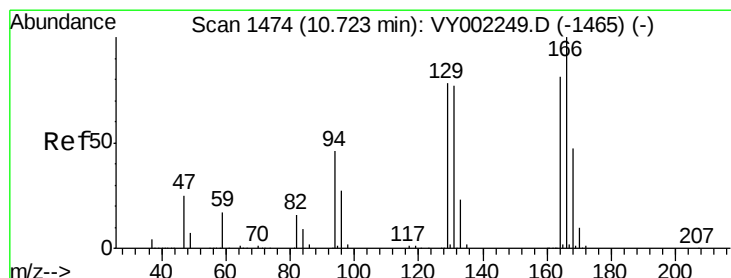
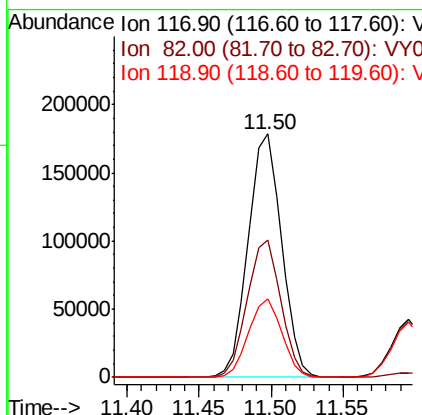
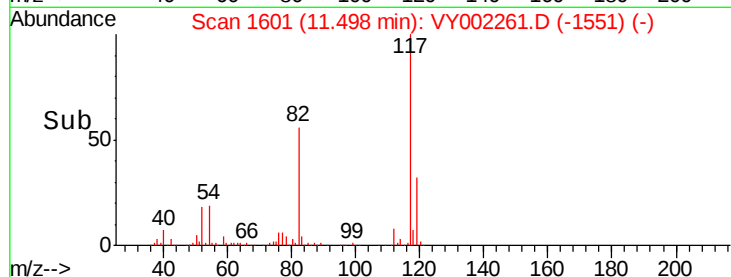
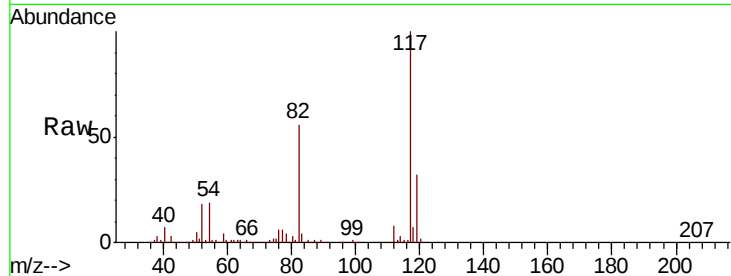




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.01 min
Lab File: VY002261.D
Acq: 08 Apr 2020 19:31

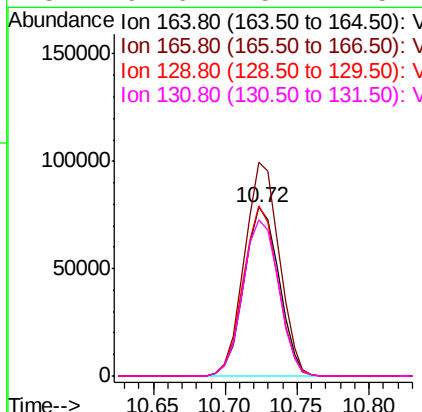
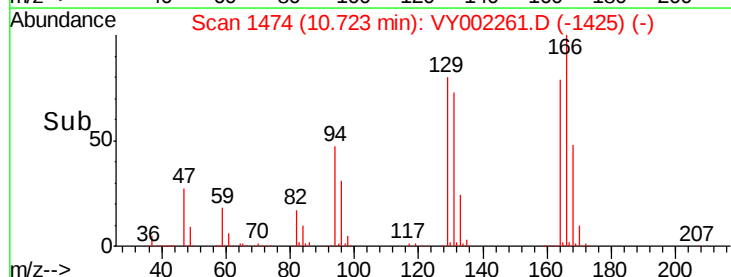
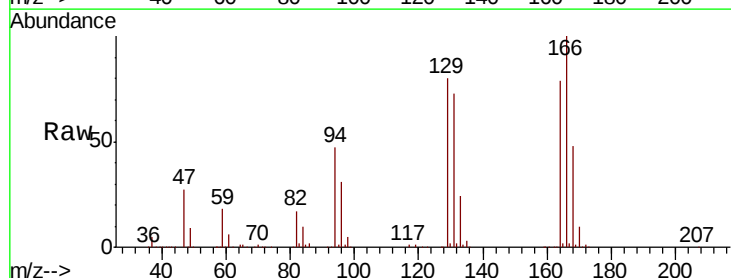
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

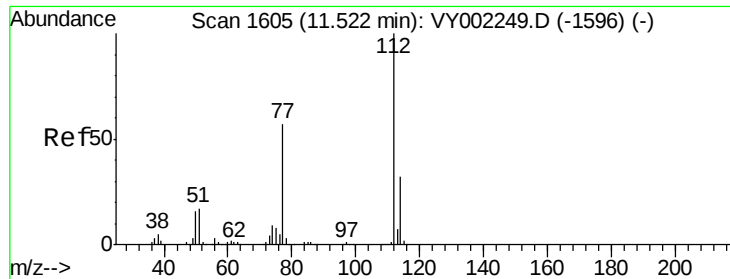
Tot Ion:117 Resp: 286059
Ion Ratio Lower Upper
117 100
82 56.2 44.2 66.4
119 32.0 25.1 37.7



#64
Tetrachloroethene
Concen: 45.704 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VY002261.D
Acq: 08 Apr 2020 19:31

Tgt Ion:164 Resp: 132181
Ion Ratio Lower Upper
164 100
166 126.6 98.4 147.6
129 100.6 76.6 115.0
131 92.6 75.4 113.2

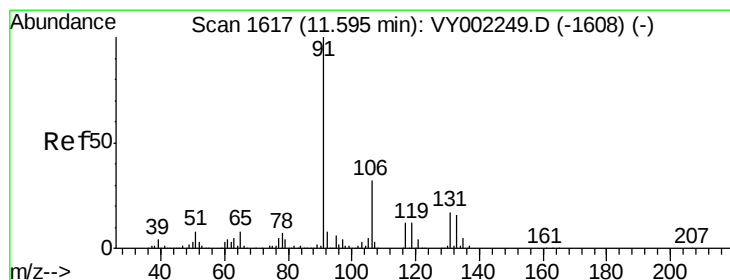
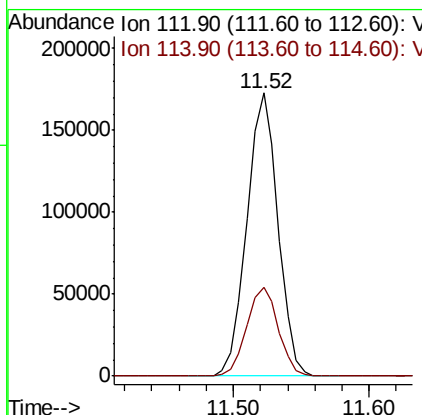
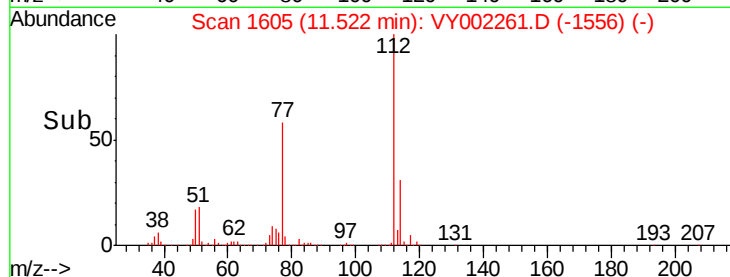
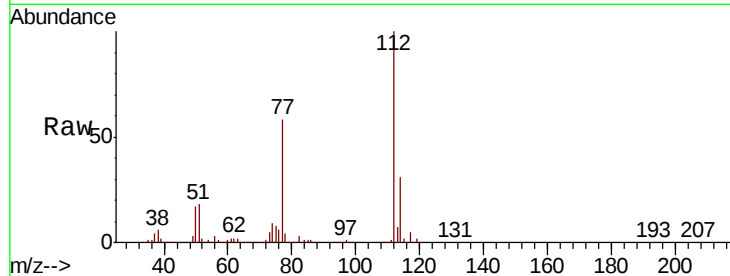




#65
Chlorobenzene
Concen: 46.453 ug/l
RT: 11.52 min Scan# 1605
Delta R.T. 0.00 min
Lab File: VY002261.D
Acq: 08 Apr 2020 19:31

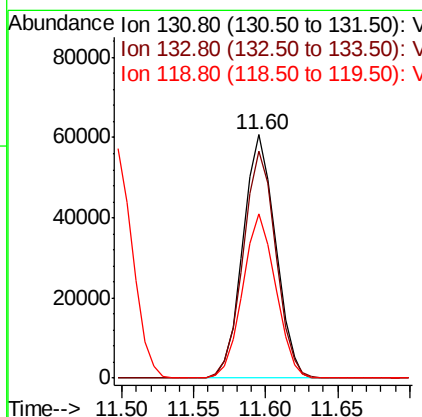
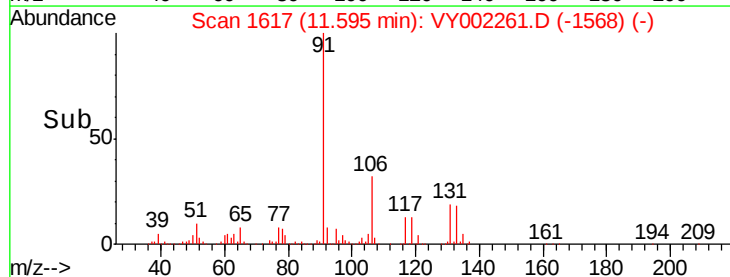
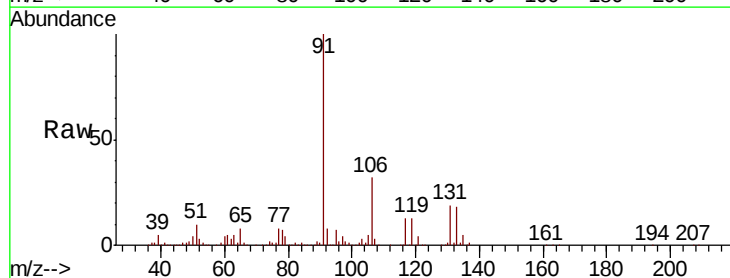
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

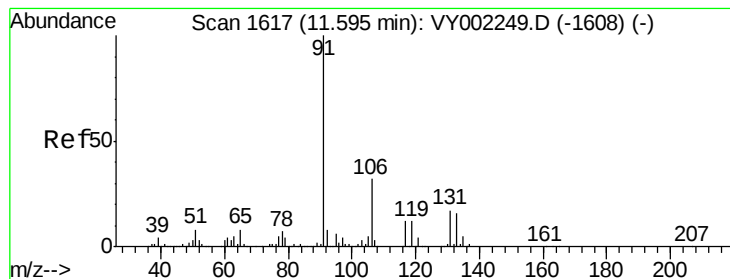
Tot Ion:112 Resp: 276226
Ion Ratio Lower Upper
112 100
114 31.3 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 48.637 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. 0.00 min
Lab File: VY002261.D
Acq: 08 Apr 2020 19:31

Tgt Ion:131 Resp: 95486
Ion Ratio Lower Upper
131 100
133 93.3 46.5 139.3
119 68.0 34.5 103.6





#67

Ethyl Benzene

Concen: 46.651 ug/l

RT: 11.60 min Scan# 1617

Delta R.T. 0.00 min

Lab File: VY002261.D

Acq: 08 Apr 2020 19:31

Instrument :

MSVOA_Y

ClientSampleId :

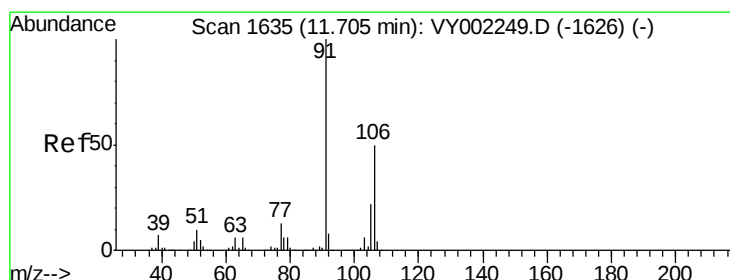
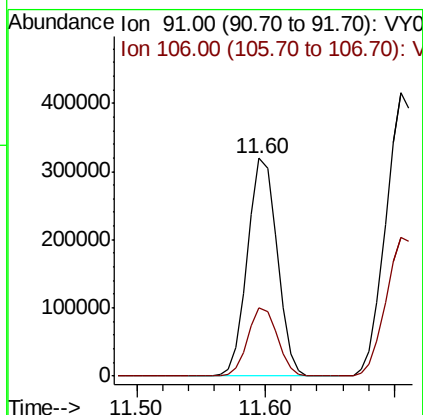
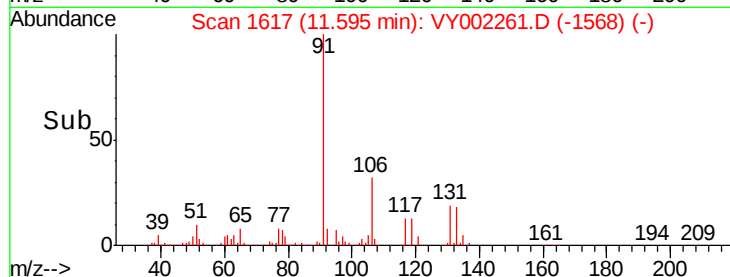
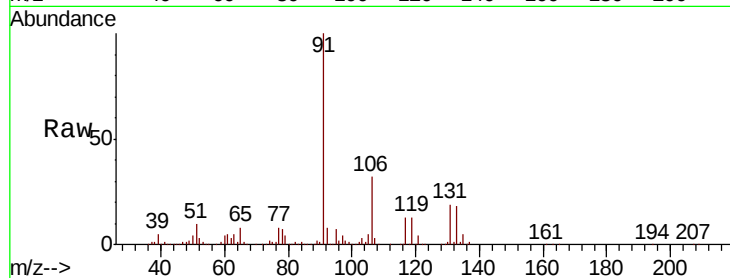
VSTDCCC050EC

Tot Ion: 91 Resp: 507839

Ion Ratio Lower Upper

91 100

106 31.5 25.4 38.0



#68

m/p-Xylenes

Concen: 92.822 ug/l

RT: 11.70 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VY002261.D

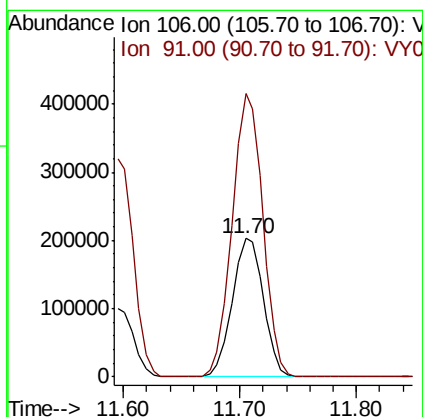
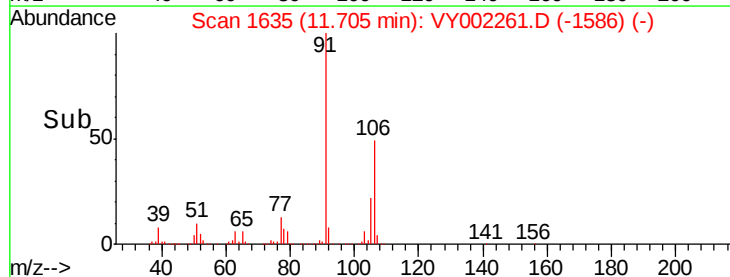
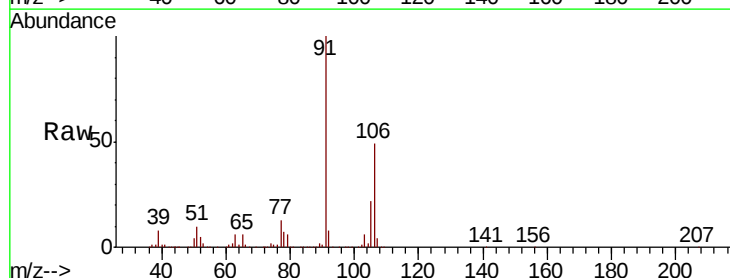
Acq: 08 Apr 2020 19:31

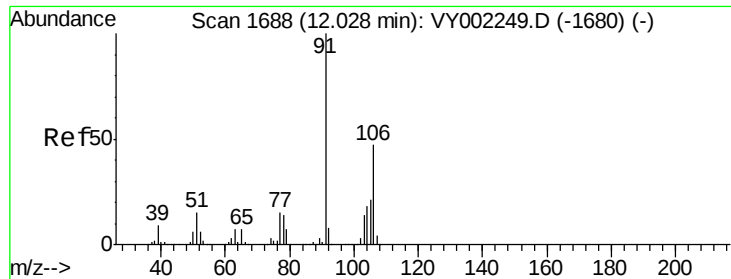
Tgt Ion: 106 Resp: 378456

Ion Ratio Lower Upper

106 100

91 201.0 159.8 239.6

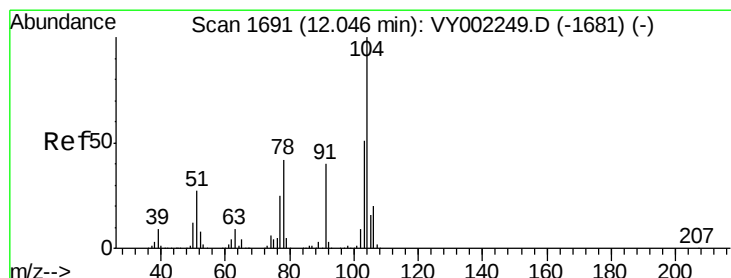
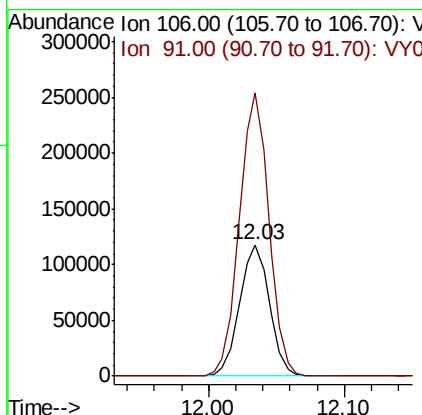
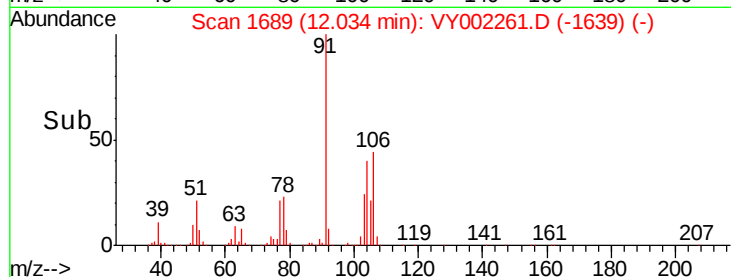
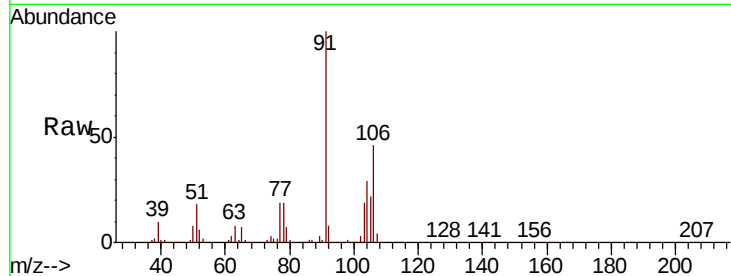




#69
o-Xylene
Concen: 47.042 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. 0.01 min
Lab File: VY002261.D
Acq: 08 Apr 2020 19:31

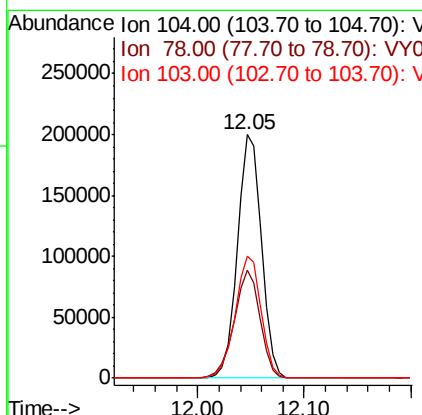
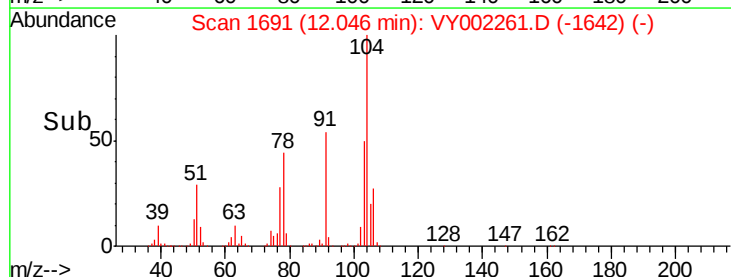
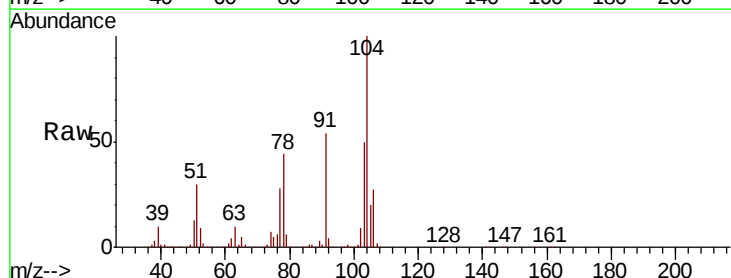
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

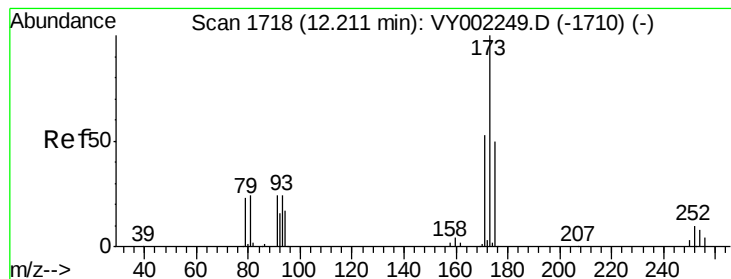
Tot Ion:106 Resp: 180072
Ion Ratio Lower Upper
106 100
91 213.6 105.8 317.3



#70
Styrene
Concen: 47.621 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.00 min
Lab File: VY002261.D
Acq: 08 Apr 2020 19:31

Tgt Ion:104 Resp: 316254
Ion Ratio Lower Upper
104 100
78 47.5 37.2 55.8
103 53.9 43.4 65.0





#71

Bromoform

Concen: 49.850 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. 0.00 min

Lab File: VY002261.D

Acq: 08 Apr 2020 19:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

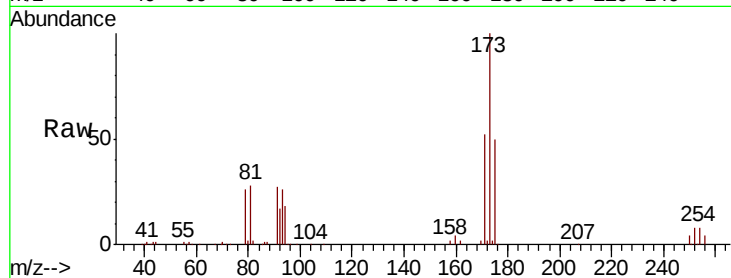
Tot Ion:173 Resp: 53222

Ion Ratio Lower Upper

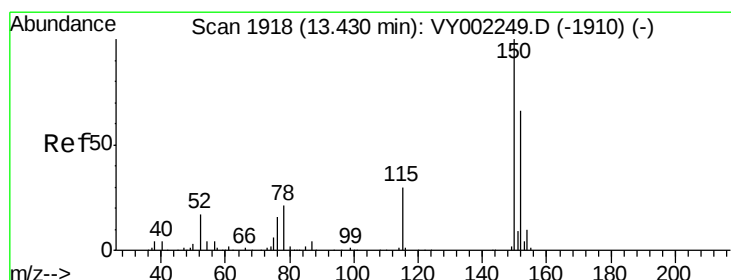
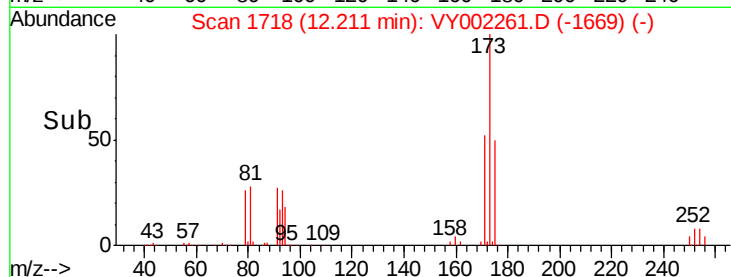
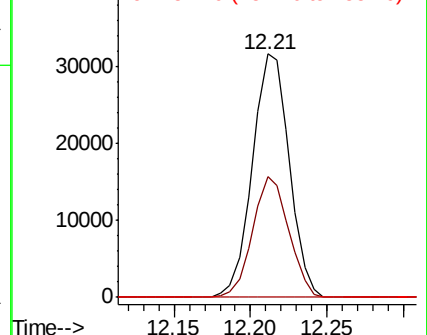
173 100

175 48.4 24.1 72.3

254 0.0 0.0 0.0



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.43 min Scan# 1918

Delta R.T. 0.00 min

Lab File: VY002261.D

Acq: 08 Apr 2020 19:31

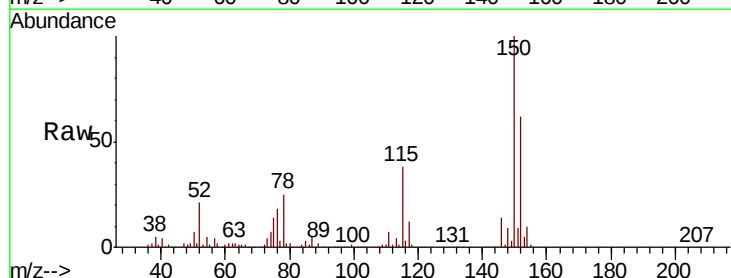
Tgt Ion:152 Resp: 131658

Ion Ratio Lower Upper

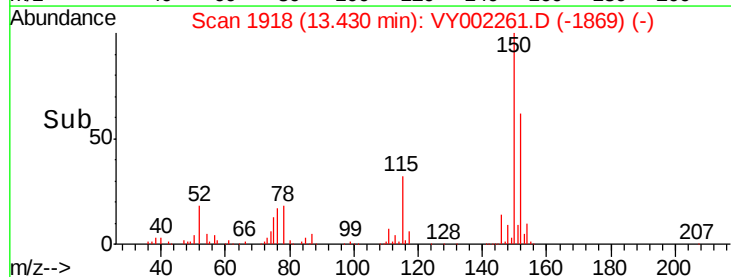
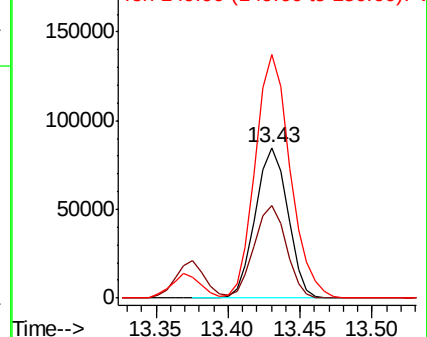
152 100

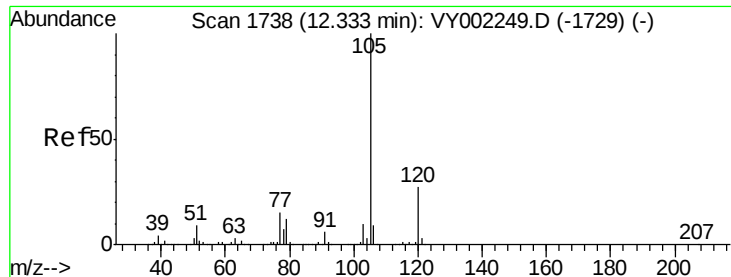
115 61.2 30.7 92.1

150 175.0 0.0 350.6



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

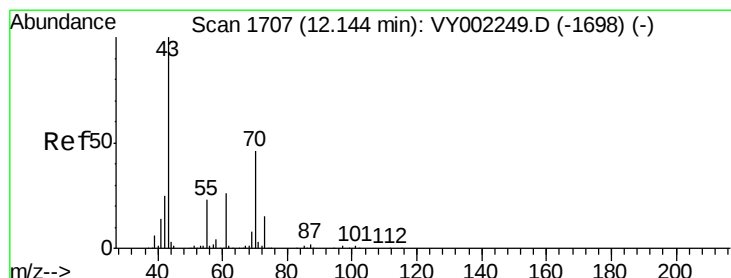
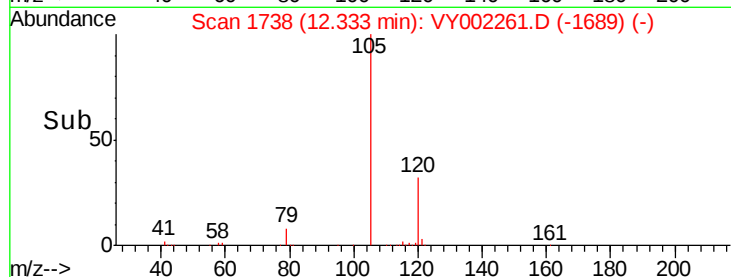
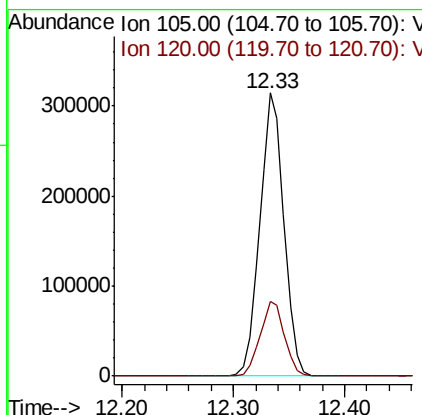
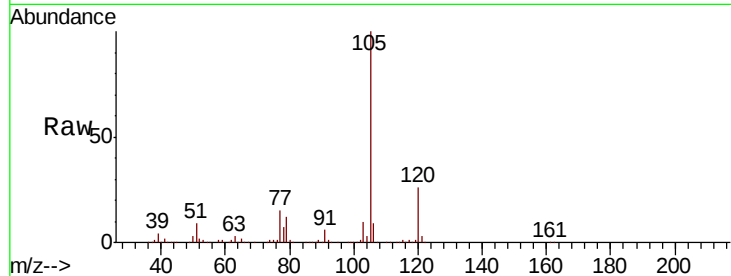




#73
Isopropylbenzene
Concen: 45.691 ug/l
RT: 12.33 min Scan# 1738
Delta R.T. 0.00 min
Lab File: VY002261.D
Acq: 08 Apr 2020 19:31

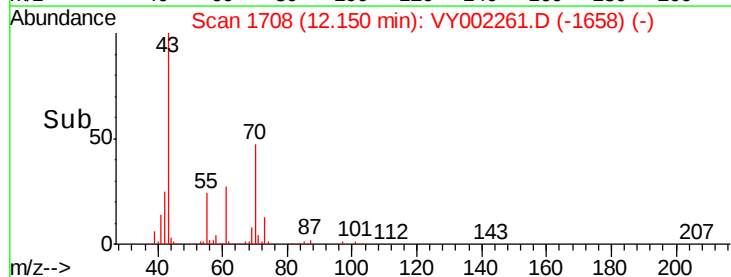
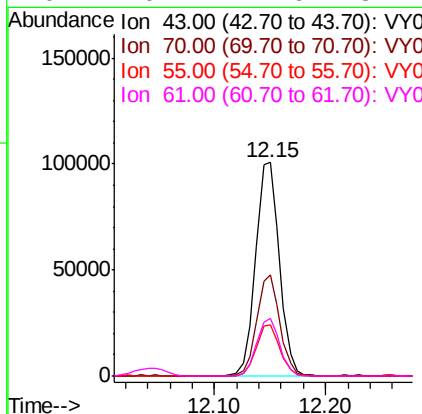
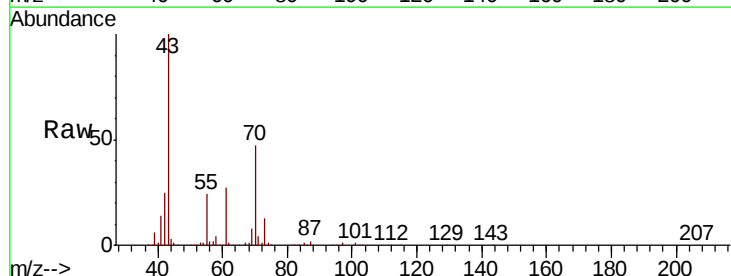
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

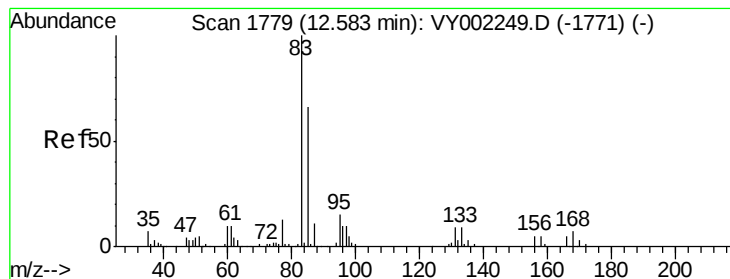
Tot Ion:105 Resp: 472591
Ion Ratio Lower Upper
105 100
120 26.6 13.3 39.8



#74
N-ethyl acetate
Concen: 51.067 ug/l
RT: 12.15 min Scan# 1708
Delta R.T. 0.01 min
Lab File: VY002261.D
Acq: 08 Apr 2020 19:31

Tgt Ion: 43 Resp: 149934
Ion Ratio Lower Upper
43 100
70 45.7 37.5 56.3
55 23.6 19.0 28.6
61 26.4 21.6 32.4





#75

1,1,2,2-Tetrachloroethane

Concen: 48.235 ug/l

RT: 12.59 min Scan# 1780

Delta R.T. 0.01 min

Lab File: VY002261.D

Acq: 08 Apr 2020 19:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

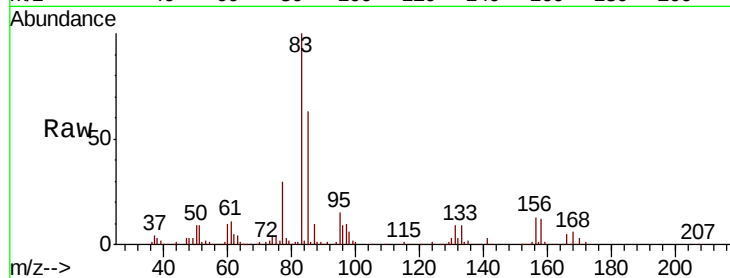
Tot Ion: 83 Resp: 60361

Ion Ratio Lower Upper

83 100

131 10.0 4.9 14.7

85 64.6 32.6 97.8



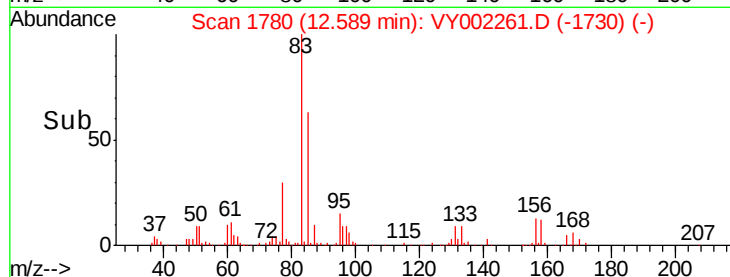
Abundance Ion 82.90 (82.60 to 83.60): VY002249.D (-1771) (-)

Ion 130.80 (130.50 to 131.50): VY002249.D (-1771) (-)

Ion 84.90 (84.60 to 85.60): VY002249.D (-1771) (-)

12.59

Time-->



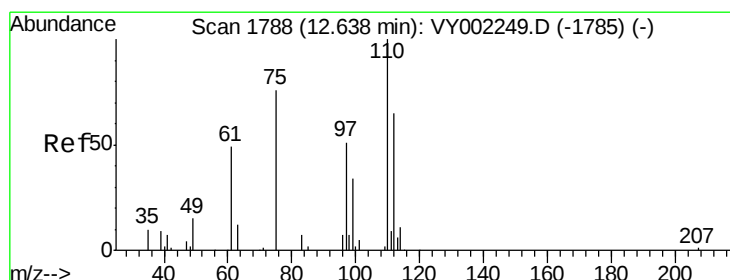
Abundance Ion 82.90 (82.60 to 83.60): VY002249.D (-1771) (-)

Ion 130.80 (130.50 to 131.50): VY002249.D (-1771) (-)

Ion 84.90 (84.60 to 85.60): VY002249.D (-1771) (-)

12.59

Time-->



#76

1,2,3-Trichloropropane

Concen: 88.059 ug/l

RT: 12.64 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VY002261.D

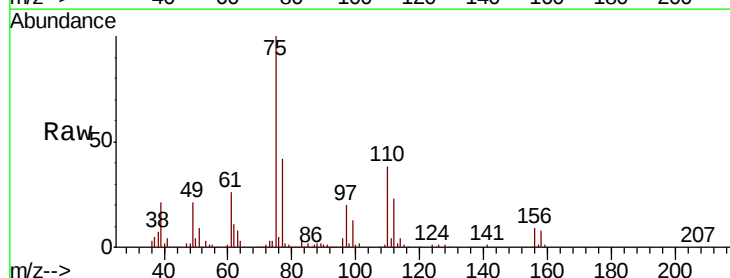
Acq: 08 Apr 2020 19:31

Tgt Ion: 75 Resp: 134628

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

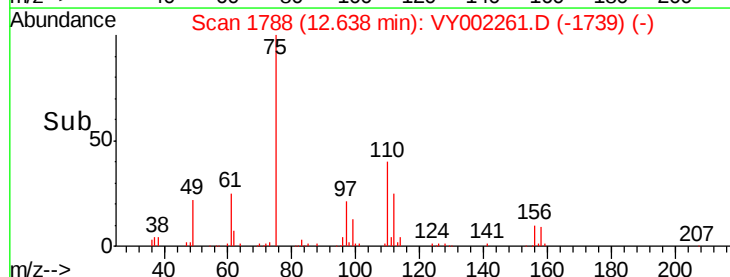


Abundance Ion 74.90 (74.60 to 75.60): VY002249.D (-1785) (-)

Ion 77.00 (76.70 to 77.70): VY002249.D (-1785) (-)

12.64

Time-->

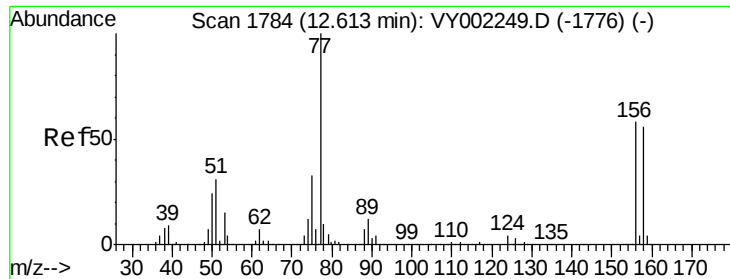


Abundance Ion 74.90 (74.60 to 75.60): VY002249.D (-1785) (-)

Ion 77.00 (76.70 to 77.70): VY002249.D (-1785) (-)

12.64

Time-->



#77

Bromobenzene

Concen: 47.545 ug/l

RT: 12.61 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VY002261.D

Acq: 08 Apr 2020 19:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

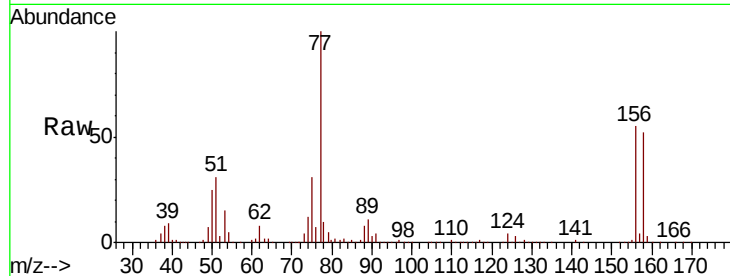
Tot Ion:156 Resp: 108193

Ion Ratio Lower Upper

156 100

77 205.0 101.3 303.9

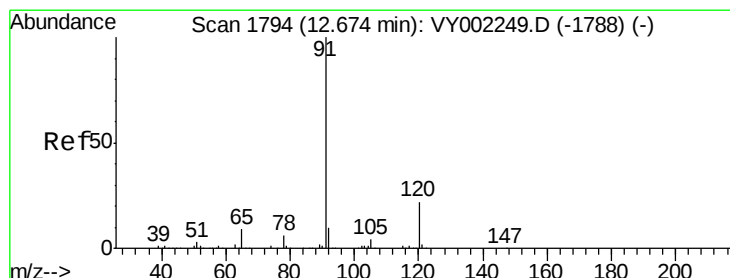
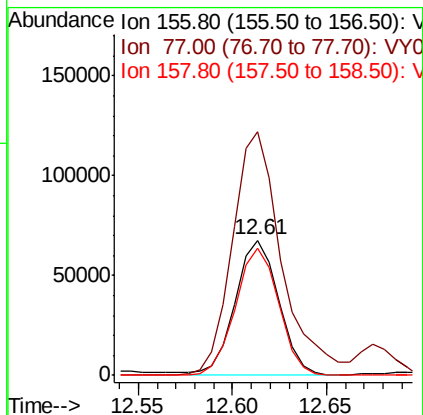
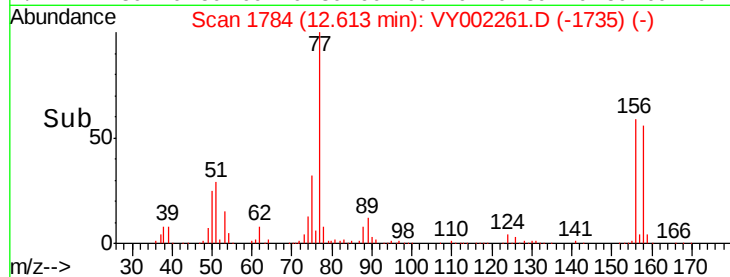
158 93.4 48.3 144.8



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: 45.156 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. 0.00 min

Lab File: VY002261.D

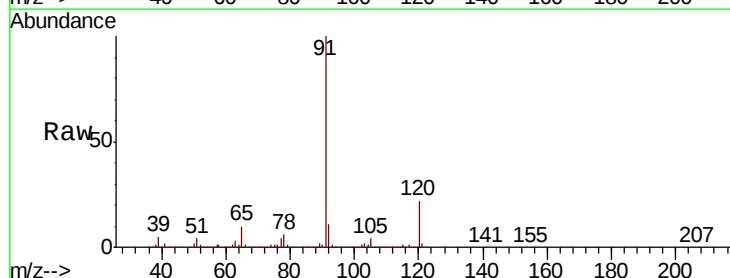
Acq: 08 Apr 2020 19:31

Tgt Ion: 91 Resp: 580880

Ion Ratio Lower Upper

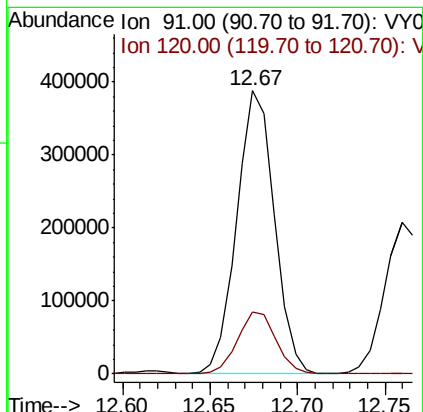
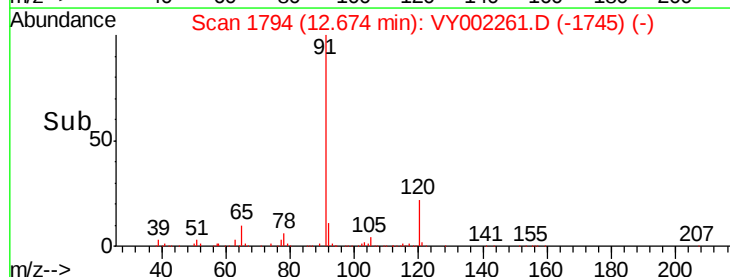
91 100

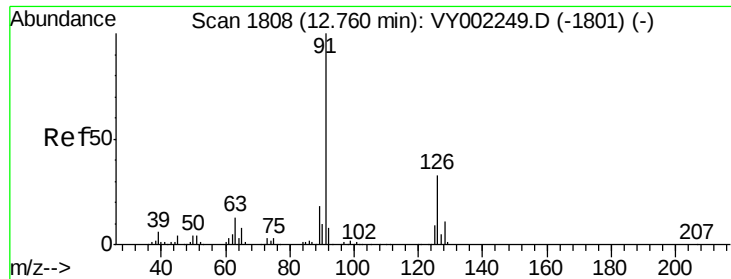
120 22.1 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

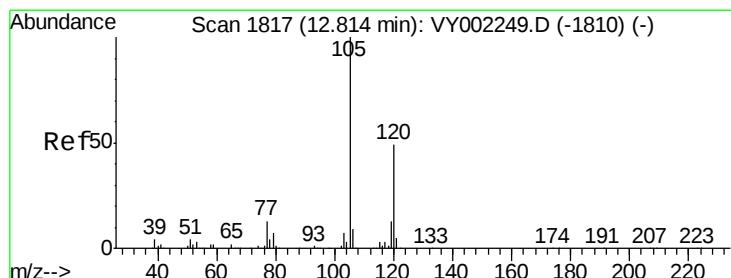
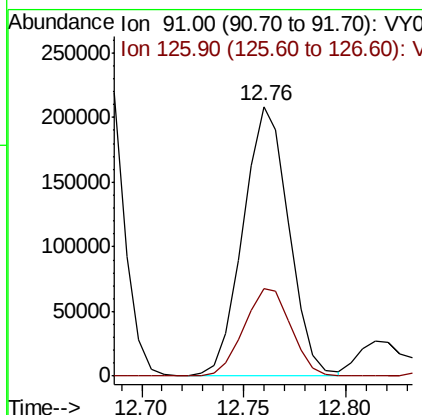
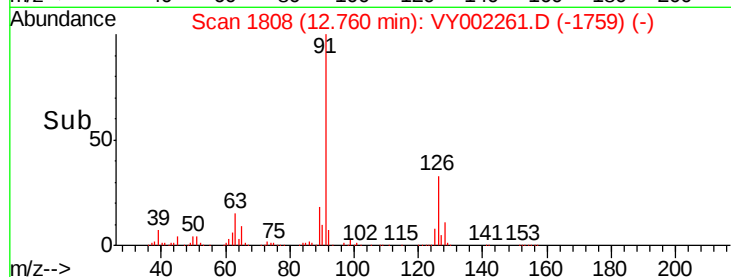
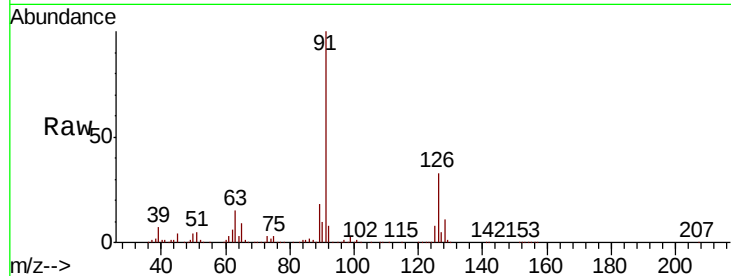




#79
2-Chlorotoluene
Concen: 46.435 ug/l
RT: 12.76 min Scan# 1808
Delta R.T. 0.00 min
Lab File: VY002261.D
Acq: 08 Apr 2020 19:31

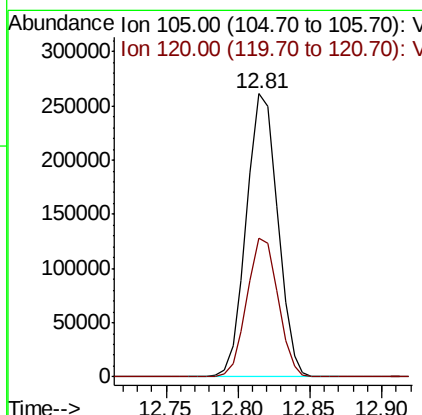
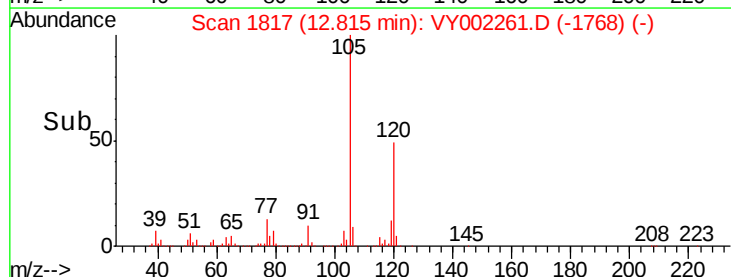
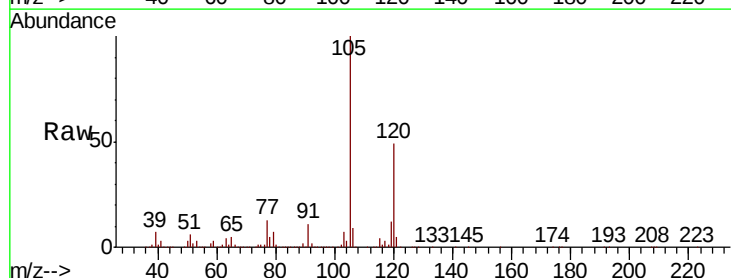
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

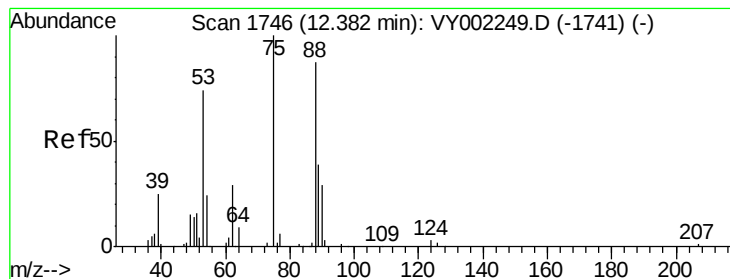
Tot Ion: 91 Resp: 324619
Ion Ratio Lower Upper
91 100
126 33.5 16.9 50.7



#80
1,3,5-Trimethylbenzene
Concen: 46.015 ug/l
RT: 12.81 min Scan# 1817
Delta R.T. 0.00 min
Lab File: VY002261.D
Acq: 08 Apr 2020 19:31

Tgt Ion: 105 Resp: 393621
Ion Ratio Lower Upper
105 100
120 48.7 24.7 74.1





#81

trans-1,4-Dichloro-2-butene

Concen: 48.067 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. 0.00 min

Lab File: VY002261.D

Acq: 08 Apr 2020 19:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

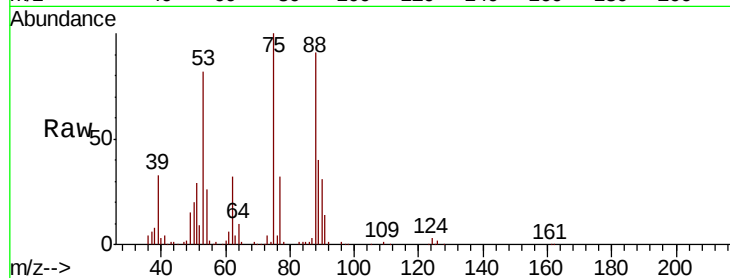
Tot Ion: 75 Resp: 37783

Ion Ratio Lower Upper

75 100

53 79.6 59.8 89.8

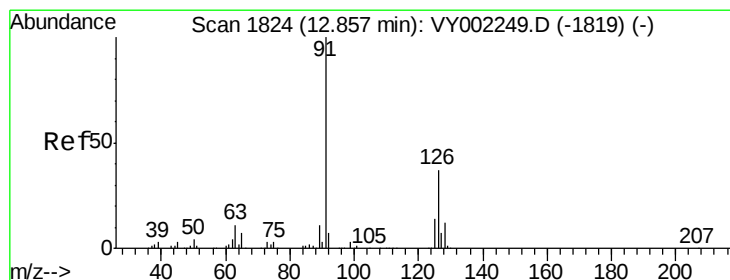
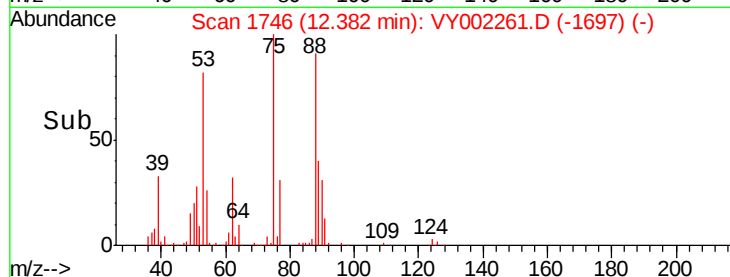
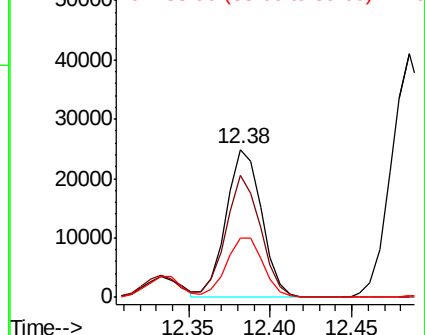
89 41.5 37.0 55.6



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0



#82

4-Chlorotoluene

Concen: 45.653 ug/l

RT: 12.86 min Scan# 1824

Delta R.T. 0.00 min

Lab File: VY002261.D

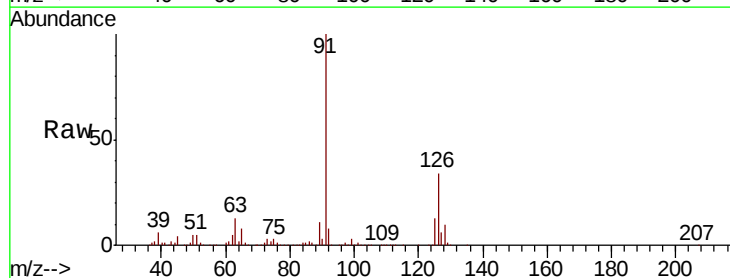
Acq: 08 Apr 2020 19:31

Tgt Ion: 91 Resp: 334507

Ion Ratio Lower Upper

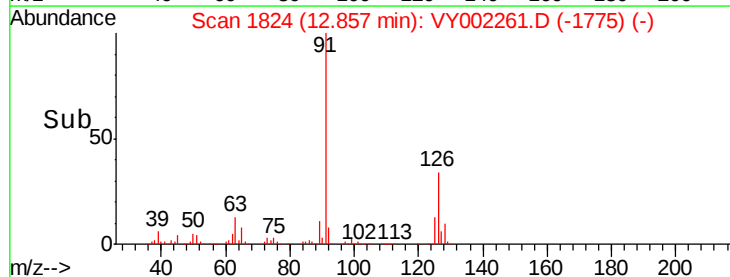
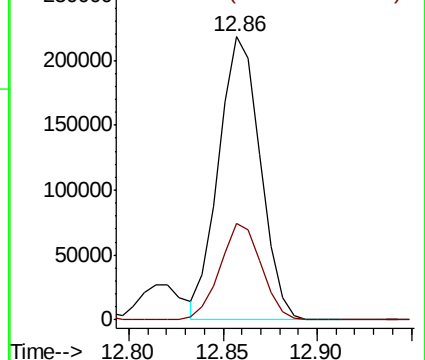
91 100

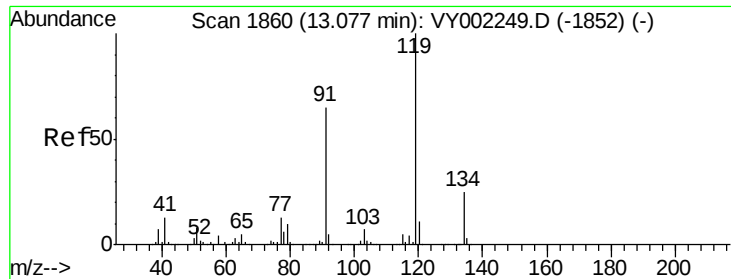
126 33.9 16.9 50.7



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V

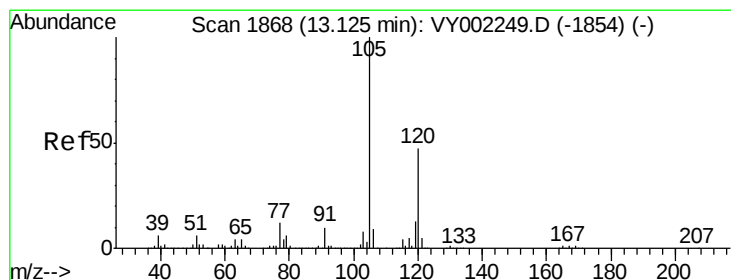
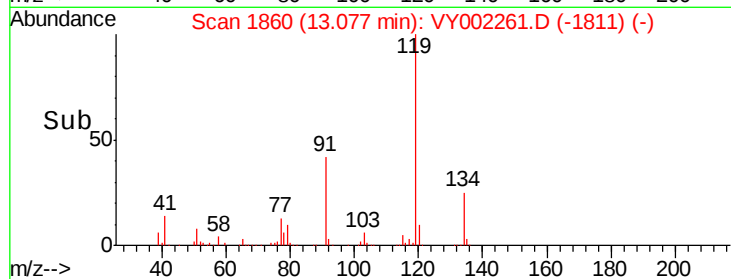
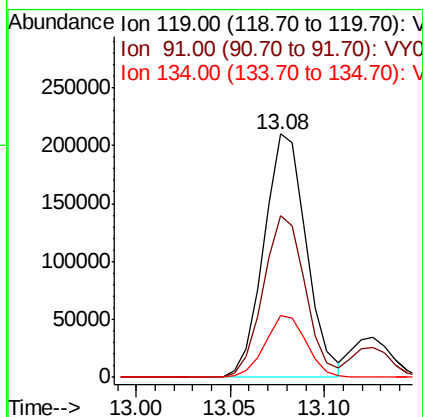
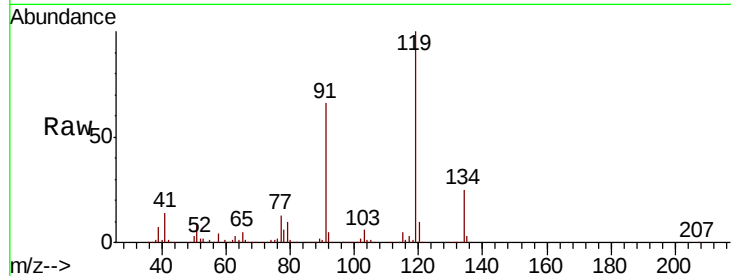




#83
 tert-Butylbenzene
 Concen: 45.759 ug/l
 RT: 13.08 min Scan# 1860
 Delta R.T. 0.00 min
 Lab File: VY002261.D
 Acq: 08 Apr 2020 19:31

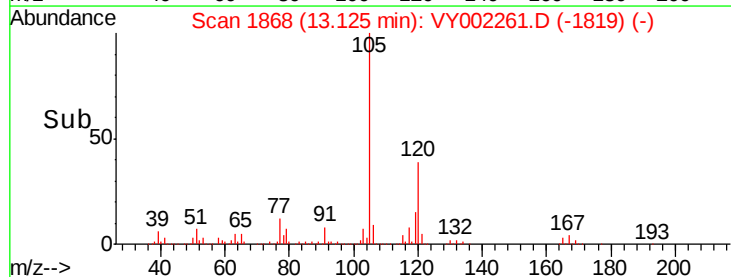
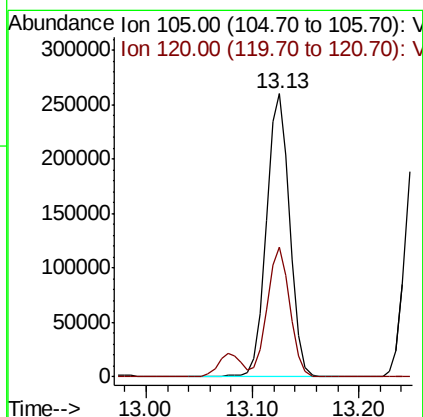
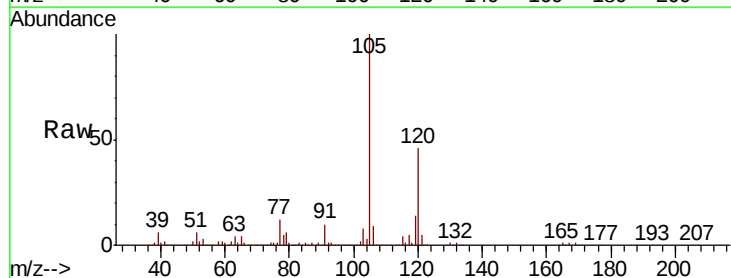
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

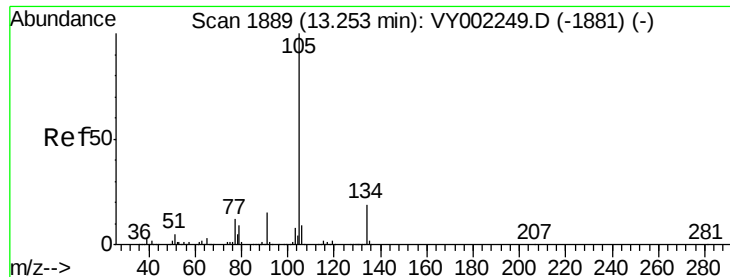
Tot Ion:119 Resp: 327870
 Ion Ratio Lower Upper
 119 100
 91 66.1 32.4 97.0
 134 24.9 12.6 37.6



#84
 1,2,4-Trimethylbenzene
 Concen: 46.377 ug/l
 RT: 13.13 min Scan# 1868
 Delta R.T. 0.00 min
 Lab File: VY002261.D
 Acq: 08 Apr 2020 19:31

Tgt Ion:105 Resp: 396145
 Ion Ratio Lower Upper
 105 100
 120 45.0 23.1 69.2

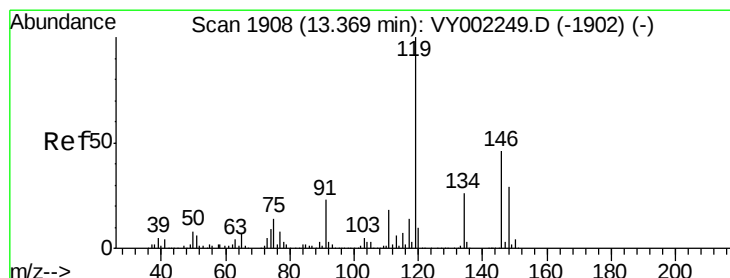
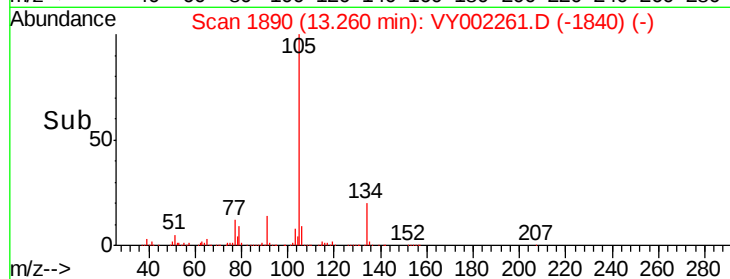
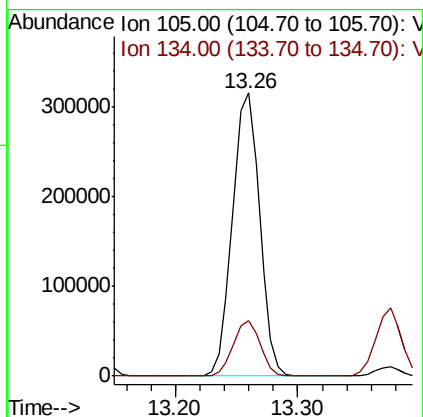
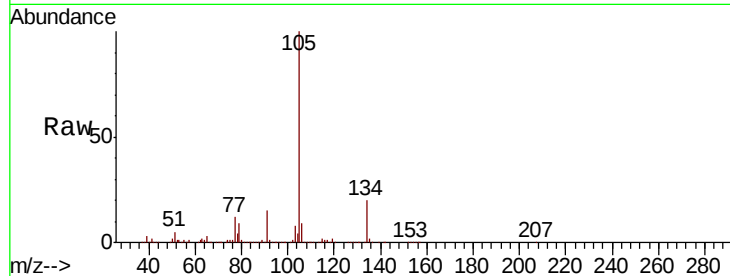




#85
 sec-Butylbenzene
 Concen: 45.233 ug/l
 RT: 13.26 min Scan# 1890
 Delta R.T. 0.01 min
 Lab File: VY002261.D
 Acq: 08 Apr 2020 19:31

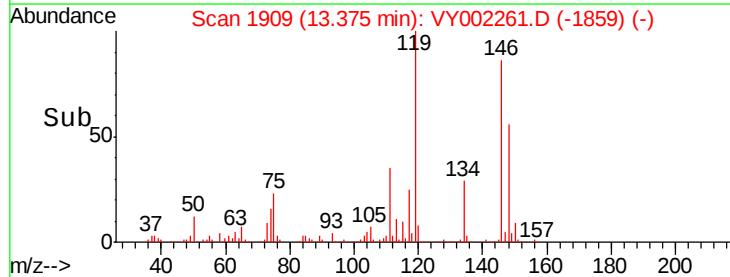
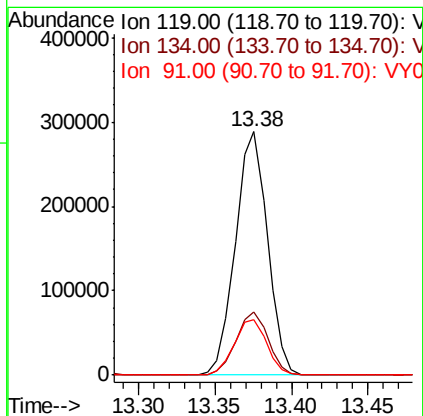
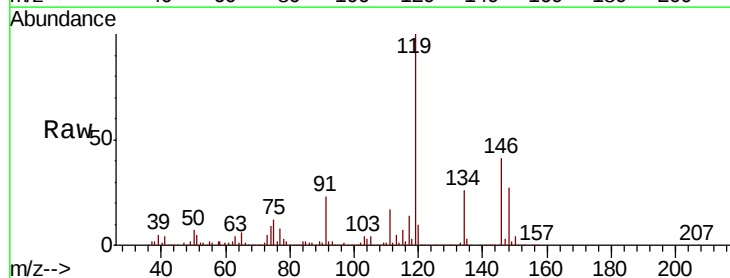
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

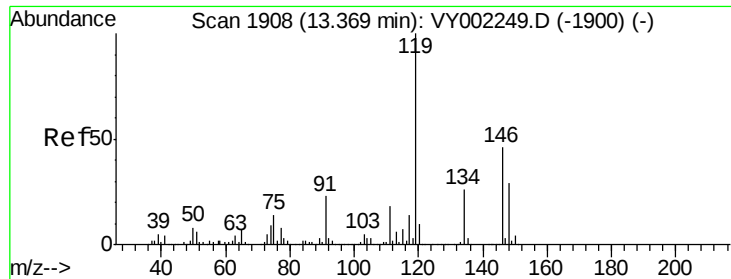
Tot Ion:105 Resp: 482810
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 45.583 ug/l
 RT: 13.38 min Scan# 1909
 Delta R.T. 0.01 min
 Lab File: VY002261.D
 Acq: 08 Apr 2020 19:31

Tgt Ion:119 Resp: 418755
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.3 39.9
 91 23.3 11.5 34.4





#87

1,3-Dichlorobenzene

Concen: 45.506 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY002261.D

Acq: 08 Apr 2020 19:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

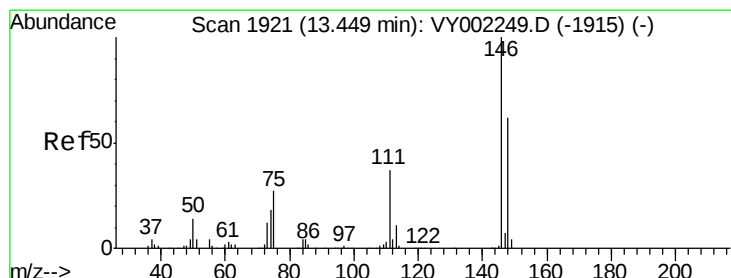
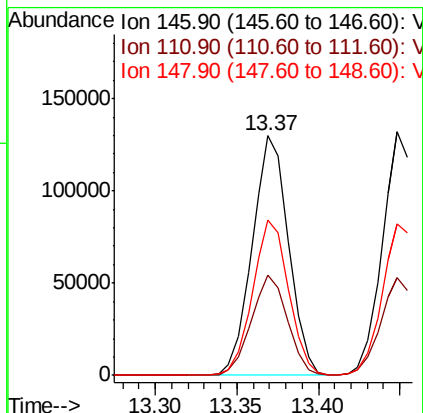
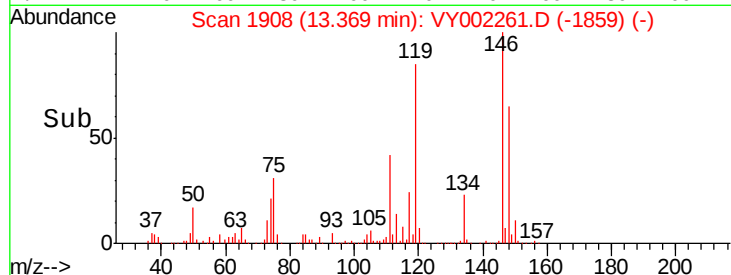
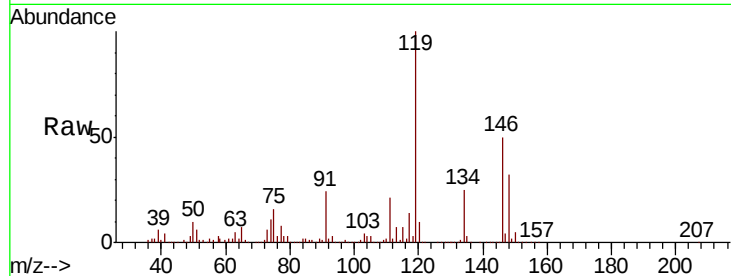
Tot Ion:146 Resp: 200687

Ion Ratio Lower Upper

146 100

111 41.5 20.3 60.8

148 64.1 32.1 96.3



#88

1,4-Dichlorobenzene

Concen: 44.985 ug/l

RT: 13.45 min Scan# 1921

Delta R.T. 0.00 min

Lab File: VY002261.D

Acq: 08 Apr 2020 19:31

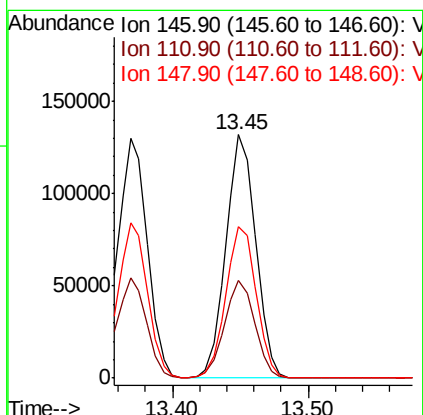
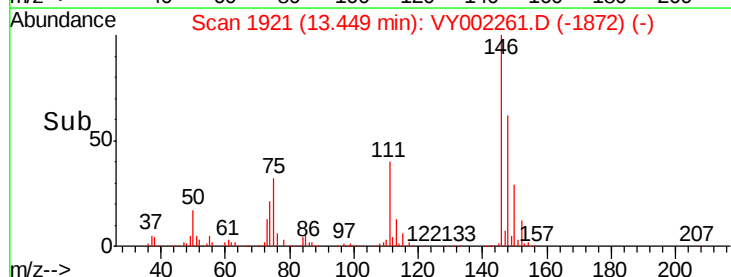
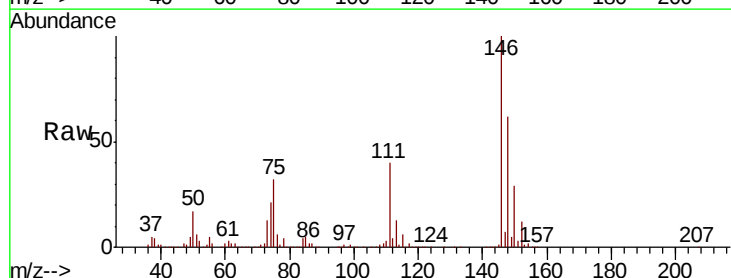
Tgt Ion:146 Resp: 201383

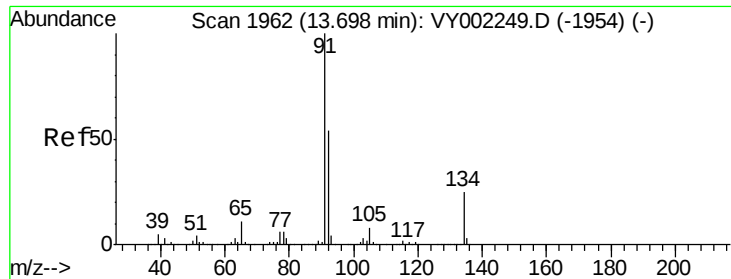
Ion Ratio Lower Upper

146 100

111 40.8 19.6 58.8

148 63.5 32.0 96.0

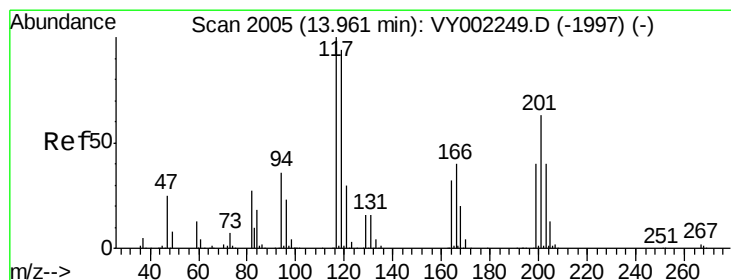
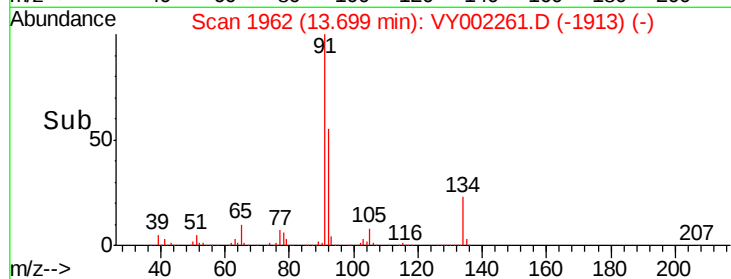
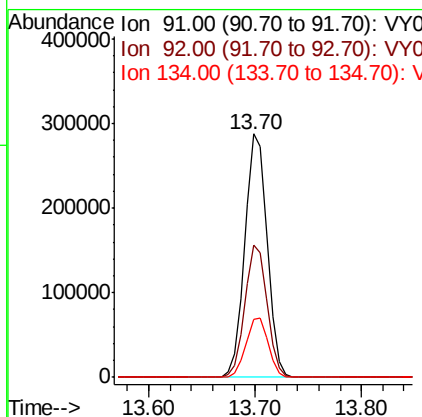
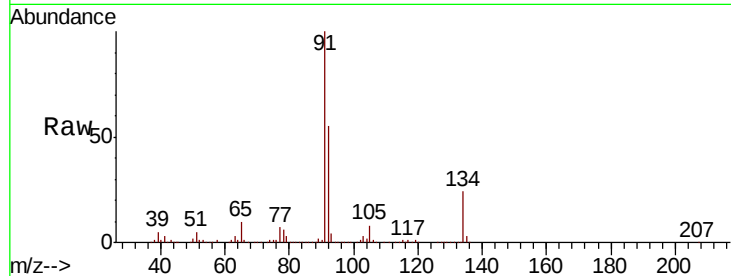




#89
n-Butylbenzene
Concen: 45.125 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. 0.00 min
Lab File: VY002261.D
Acq: 08 Apr 2020 19:31

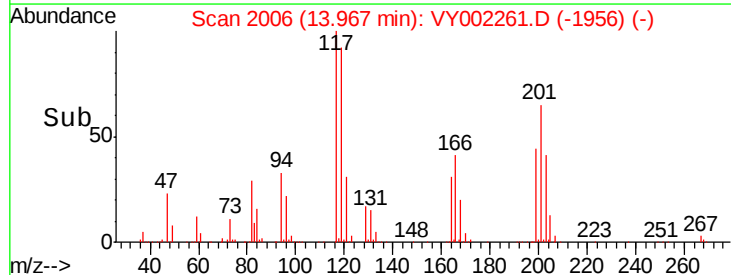
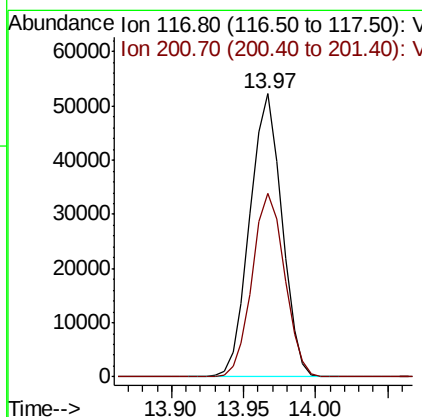
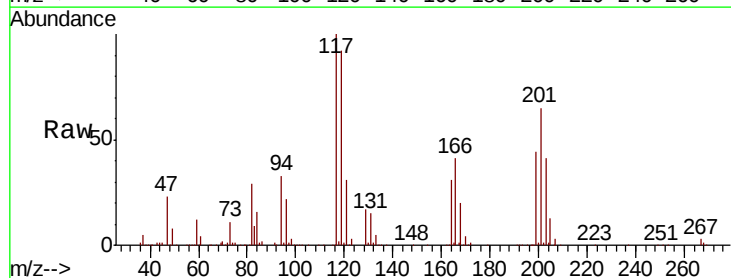
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

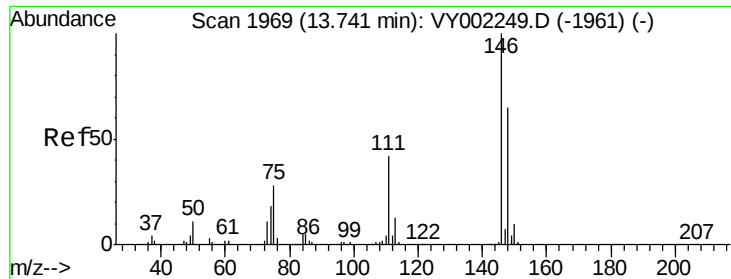
Tot Ion: 91 Resp: 424919
Ion Ratio Lower Upper
91 100
92 54.1 27.2 81.6
134 24.6 12.7 38.0



#90
Hexachloroethane
Concen: 46.115 ug/l
RT: 13.97 min Scan# 2006
Delta R.T. 0.01 min
Lab File: VY002261.D
Acq: 08 Apr 2020 19:31

Tgt Ion: 117 Resp: 80728
Ion Ratio Lower Upper
117 100
201 65.7 33.1 99.2

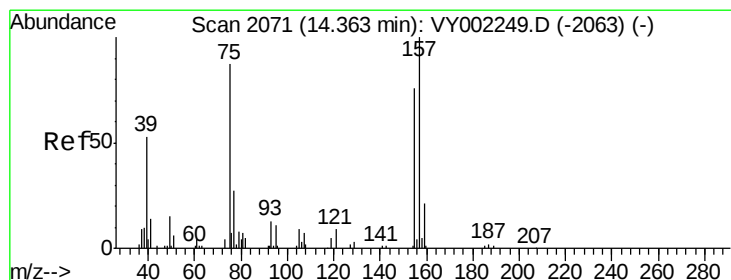
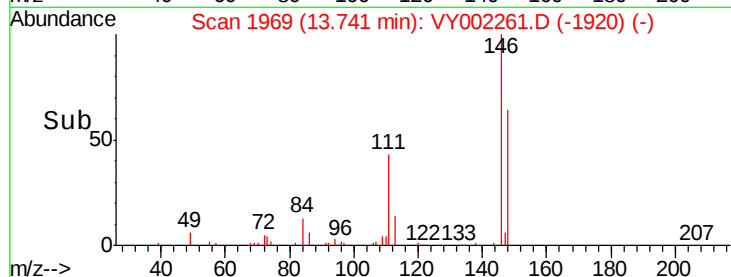
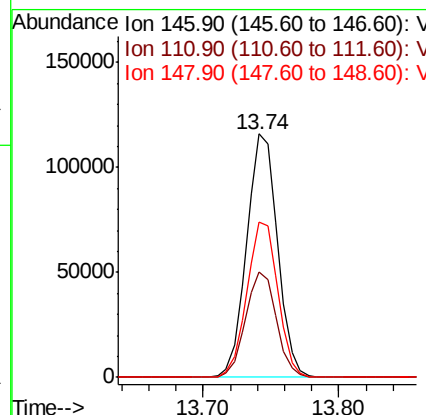
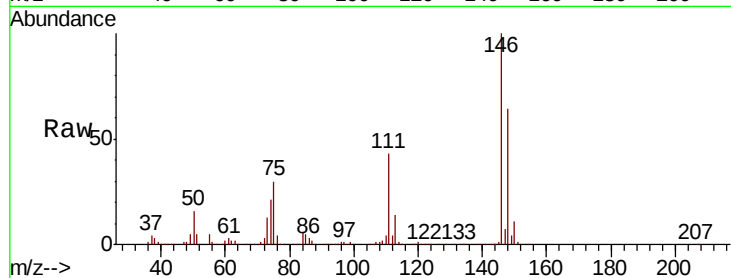




#91
 1,2-Dichlorobenzene
 Concen: 45.879 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. 0.00 min
 Lab File: VY002261.D
 Acq: 08 Apr 2020 19:31

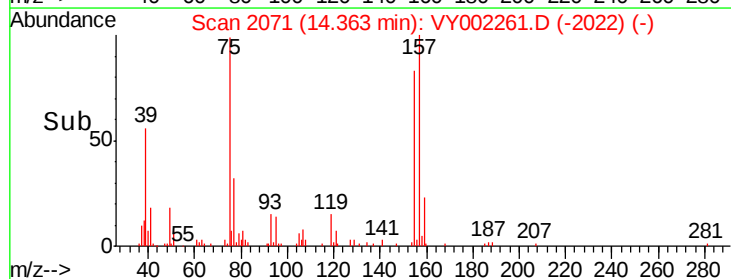
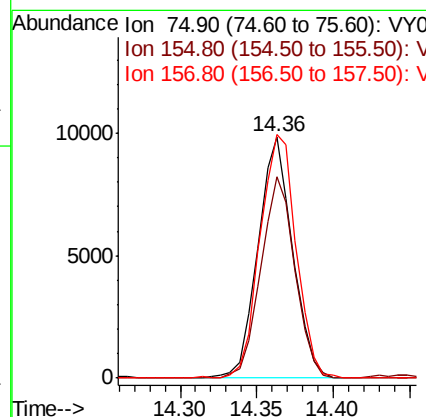
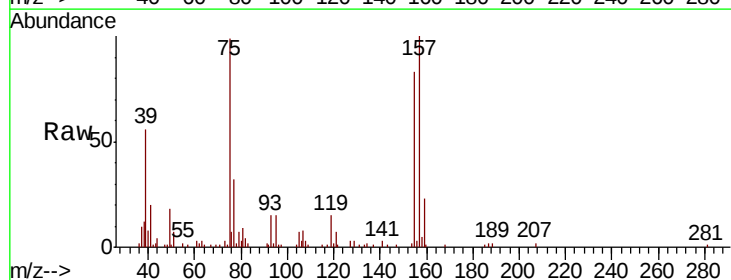
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

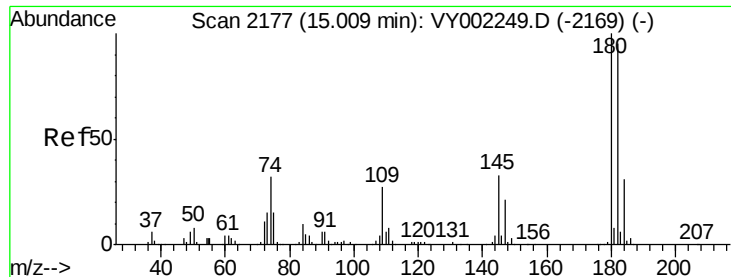
Tot Ion	Ratio	Lower	Upper
146	100		
111	43.2	21.1	63.1
148	64.3	31.9	95.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.147 ug/l
 RT: 14.36 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VY002261.D
 Acq: 08 Apr 2020 19:31

Tgt Ion	Ratio	Lower	Upper
75	100		
155	82.3	43.6	130.8
157	105.3	56.0	168.2

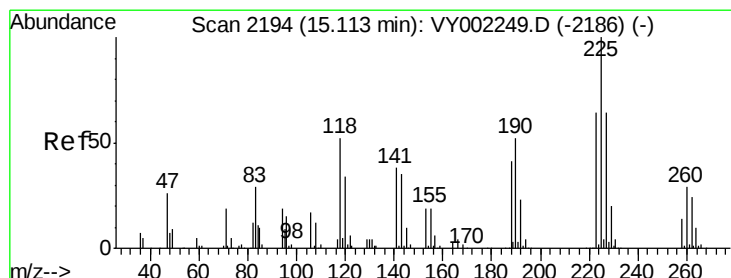
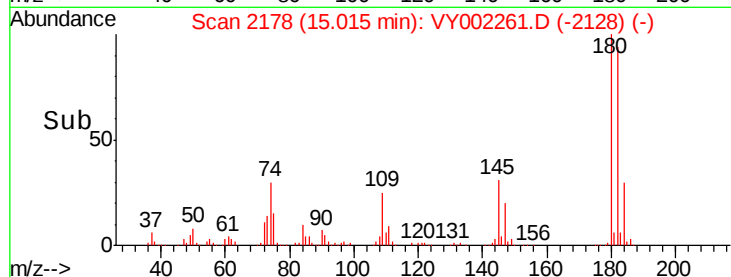
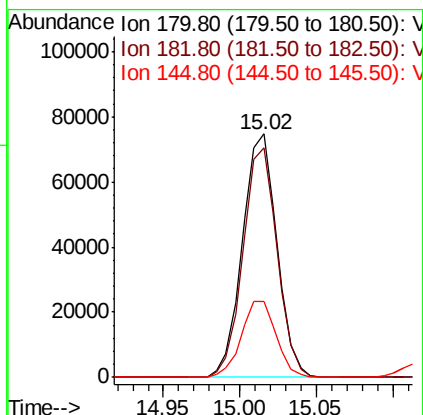
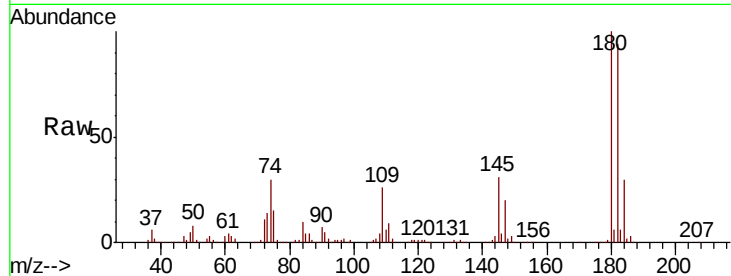




#93
 1,2,4-Trichlorobenzene
 Concen: 44.666 ug/l
 RT: 15.02 min Scan# 2178
 Delta R.T. 0.01 min
 Lab File: VY002261.D
 Acq: 08 Apr 2020 19:31

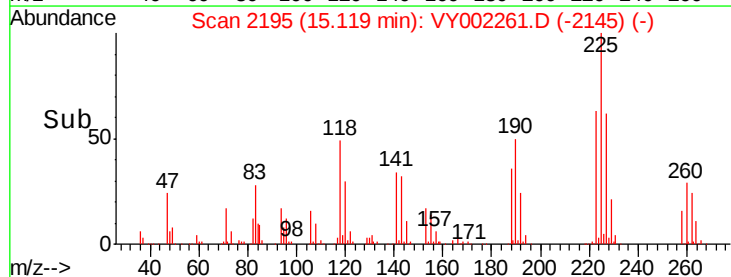
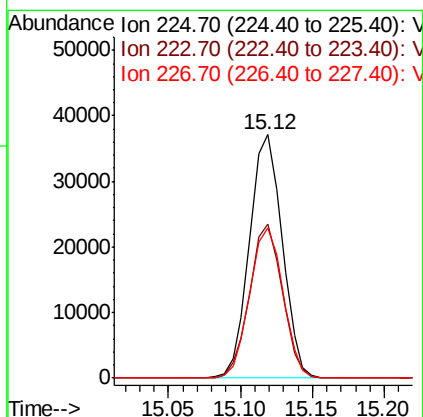
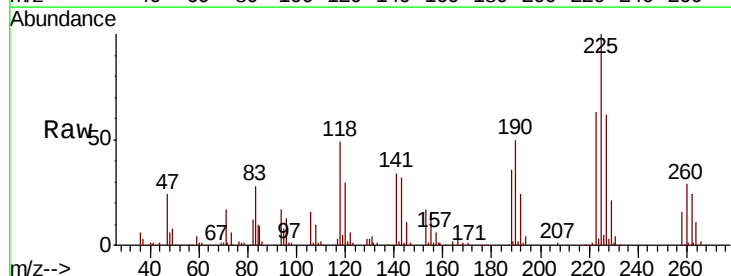
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

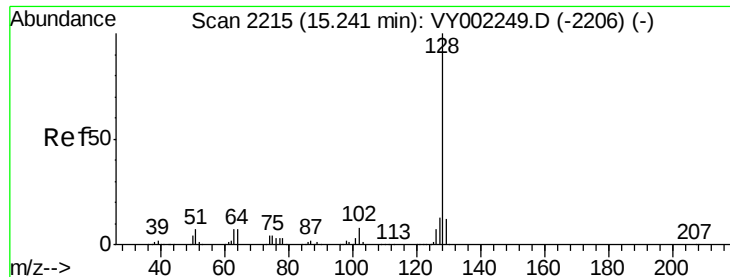
Tot Ion:180 Resp: 116995
 Ion Ratio Lower Upper
 180 100
 182 93.2 47.9 143.7
 145 31.7 16.0 48.0



#94
 Hexachlorobutadiene
 Concen: 44.225 ug/l
 RT: 15.12 min Scan# 2195
 Delta R.T. 0.01 min
 Lab File: VY002261.D
 Acq: 08 Apr 2020 19:31

Tgt Ion:225 Resp: 58344
 Ion Ratio Lower Upper
 225 100
 223 63.4 31.0 93.0
 227 63.1 31.3 93.9





#95

Naphthalene

Concen: 47.858 ug/l

RT: 15.24 min Scan# 2215

Delta R.T. 0.00 min

Lab File: VY002261.D

Acq: 08 Apr 2020 19:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

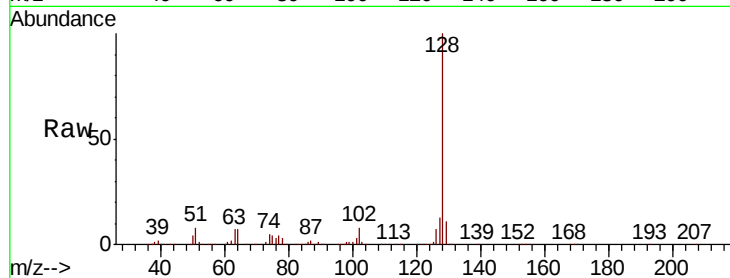
Tot Ion:128 Resp: 274472

Ion Ratio Lower Upper

128 100

127 12.8 10.1 15.1

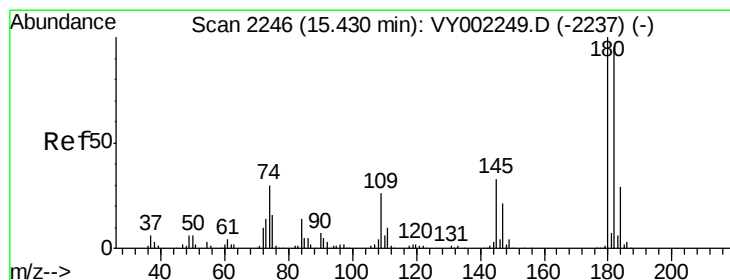
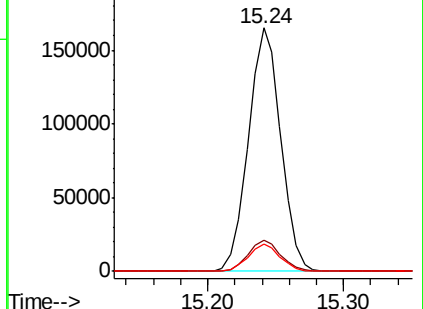
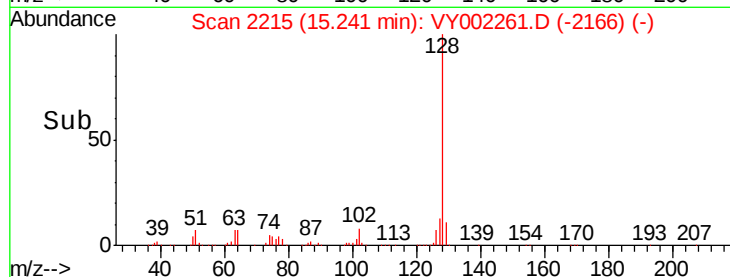
129 10.9 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 44.084 ug/l

RT: 15.43 min Scan# 2246

Delta R.T. 0.00 min

Lab File: VY002261.D

Acq: 08 Apr 2020 19:31

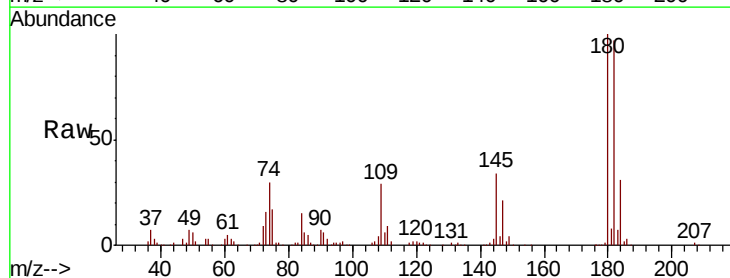
Tgt Ion:180 Resp: 100265

Ion Ratio Lower Upper

180 100

182 95.8 47.1 141.3

145 34.4 16.7 50.1



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

