

Data File : VY001987.D
Acq On : 16 Mar 2020 17:04
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Quant Time: Mar 17 08:07:53 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
Quant Title : SW846 8260
QLast Update : Thu Mar 05 04:05:33 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	156890	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	284485	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	257692	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	115623	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	86290	51.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.04%	
35) Dibromofluoromethane	7.75	113	81400	52.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.80%	
50) Toluene-d8	10.19	98	330919	50.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.04%	
62) 4-Bromofluorobenzene	12.49	95	115112	50.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.08%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.91	85	62292	43.013	ug/l	100
3) Chloromethane	2.13	50	89929	46.058	ug/l	98
4) Vinyl Chloride	2.27	62	93594	47.126	ug/l	99
5) Bromomethane	2.67	94	63222	55.099	ug/l	96
6) Chloroethane	2.82	64	61126	48.996	ug/l	90
7) Trichlorofluoromethane	3.15	101	130146	48.319	ug/l	98
8) Diethyl Ether	3.56	74	54900	51.716	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.93	101	86121	49.712	ug/l	99
10) Methyl Iodide	4.13	142	98471	49.152	ug/l	99
11) Tert butyl alcohol	4.99	59	52004	303.163	ug/l	100
12) 1,1-Dichloroethene	3.90	96	85898	49.244	ug/l	98
13) Acrolein	3.76	56	56043	238.112	ug/l	98
14) Allyl chloride	4.52	41	159435	51.557	ug/l	99
15) Acrylonitrile	5.21	53	152092	268.114	ug/l	99
16) Acetone	3.98	43	125397	257.049	ug/l	92
17) Carbon Disulfide	4.23	76	268786	45.838	ug/l	100
18) Methyl Acetate	4.52	43	67744	54.046	ug/l	99
19) Methyl tert-butyl Ether	5.26	73	251696	53.246	ug/l	97
20) Methylene Chloride	4.75	84	104774	50.113	ug/l	95
21) trans-1,2-Dichloroethene	5.25	96	98836	49.920	ug/l	96
22) Diisopropyl ether	6.16	45	334954	52.842	ug/l	95
23) Vinyl Acetate	6.10	43	1113023	267.842	ug/l	98
24) 1,1-Dichloroethane	6.05	63	176372	51.380	ug/l	97
25) 2-Butanone	7.02	43	197735	266.539	ug/l	99
26) 2,2-Dichloropropane	7.02	77	145010	51.469	ug/l	99
27) cis-1,2-Dichloroethene	7.02	96	112352	52.168	ug/l	99
28) Bromochloromethane	7.36	49	80554	52.063	ug/l	100
29) Tetrahydrofuran	7.38	42	132488	268.933	ug/l	99
30) Chloroform	7.53	83	168660	52.296	ug/l	99
31) Cyclohexane	7.81	56	174548	47.424	ug/l	99
32) 1,1,1-Trichloroethane	7.73	97	142112	52.281	ug/l	98
36) 1,1-Dichloropropene	7.94	75	138575	50.619	ug/l	99
37) Ethyl Acetate	7.11	43	87235	54.827	ug/l	99
38) Carbon Tetrachloride	7.92	117	120102	51.356	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.20	83	180281	49.651	ug/l	98
40) Benzene	8.19	78	414900	51.132	ug/l	99
41) Methacrylonitrile	7.38	41	116292	162.406	ug/l #	1
42) 1,2-Dichloroethane	8.26	62	110201	52.705	ug/l	100
43) Isopropyl Acetate	8.30	43	162301	53.878	ug/l	99
44) Trichloroethene	8.96	130	100295	50.752	ug/l	98
45) 1,2-Dichloropropane	9.24	63	108398	53.142	ug/l	99
46) Dibromomethane	9.32	93	54792	52.126	ug/l	99
47) Bromodichloromethane	9.52	83	132355	54.129	ug/l	100
48) Methyl methacrylate	9.31	41	73718	55.150	ug/l	97
49) 1,4-Dioxane	9.31	88	15105	1048.712	ug/l	92
51) 4-Methyl-2-Pentanone	10.08	43	433893	279.642	ug/l	100
52) Toluene	10.26	92	253598	51.447	ug/l	99
53) t-1,3-Dichloropropene	10.48	75	143047	53.697	ug/l	100
54) cis-1,3-Dichloropropene	9.94	75	167219	52.728	ug/l	98
55) 1,1,2-Trichloroethane	10.66	97	82116	53.379	ug/l	96
56) Ethyl methacrylate	10.52	69	122942	54.524	ug/l	99
57) 1,3-Dichloropropane	10.80	76	145059	52.900	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.80	63	201881	257.017	ug/l	99
59) 2-Hexanone	10.85	43	294184	265.638	ug/l	100
60) Dibromochloromethane	11.00	129	87053	53.703	ug/l	99
61) 1,2-Dibromoethane	11.10	107	77749	53.355	ug/l	99
64) Tetrachloroethene	10.73	164	81535	50.454	ug/l	95
65) Chlorobenzene	11.53	112	260127	50.661	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.60	131	88707	52.682	ug/l	99
67) Ethyl Benzene	11.61	91	489075	51.073	ug/l	98
68) m/p-Xylenes	11.72	106	359524	101.550	ug/l	100
69) o-Xylene	12.04	106	168916	50.621	ug/l	100
70) Styrene	12.05	104	296801	51.932	ug/l	100
71) Bromoform	12.22	173	50079	54.842	ug/l #	99
73) Isopropylbenzene	12.34	105	457678	51.854	ug/l	100
74) N-amyl acetate	12.16	43	141596	52.197	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.59	83	103173	54.205	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	131411	95.784	ug/l #	100
77) Bromobenzene	12.62	156	98461	52.652	ug/l	98
78) n-propylbenzene	12.68	91	557600	51.207	ug/l	100
79) 2-Chlorotoluene	12.77	91	310445	51.603	ug/l	100
80) 1,3,5-Trimethylbenzene	12.82	105	373538	51.407	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.39	75	37604	55.365	ug/l	97
82) 4-Chlorotoluene	12.86	91	321325	51.298	ug/l	100
83) tert-Butylbenzene	13.09	119	317921	52.678	ug/l	98
84) 1,2,4-Trimethylbenzene	13.13	105	371392	51.503	ug/l	99
85) sec-Butylbenzene	13.27	105	458247	51.513	ug/l	100
86) p-Isopropyltoluene	13.38	119	391155	50.973	ug/l	100
87) 1,3-Dichlorobenzene	13.38	146	186692	50.946	ug/l	99
88) 1,4-Dichlorobenzene	13.46	146	184652	49.670	ug/l	98
89) n-Butylbenzene	13.71	91	393916	49.478	ug/l	99
90) Hexachloroethane	13.97	117	74977	51.792	ug/l	100
91) 1,2-Dichlorobenzene	13.75	146	169552	50.930	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.37	75	14793	49.806	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY031620\
Quantitation Report (Not Reviewed)

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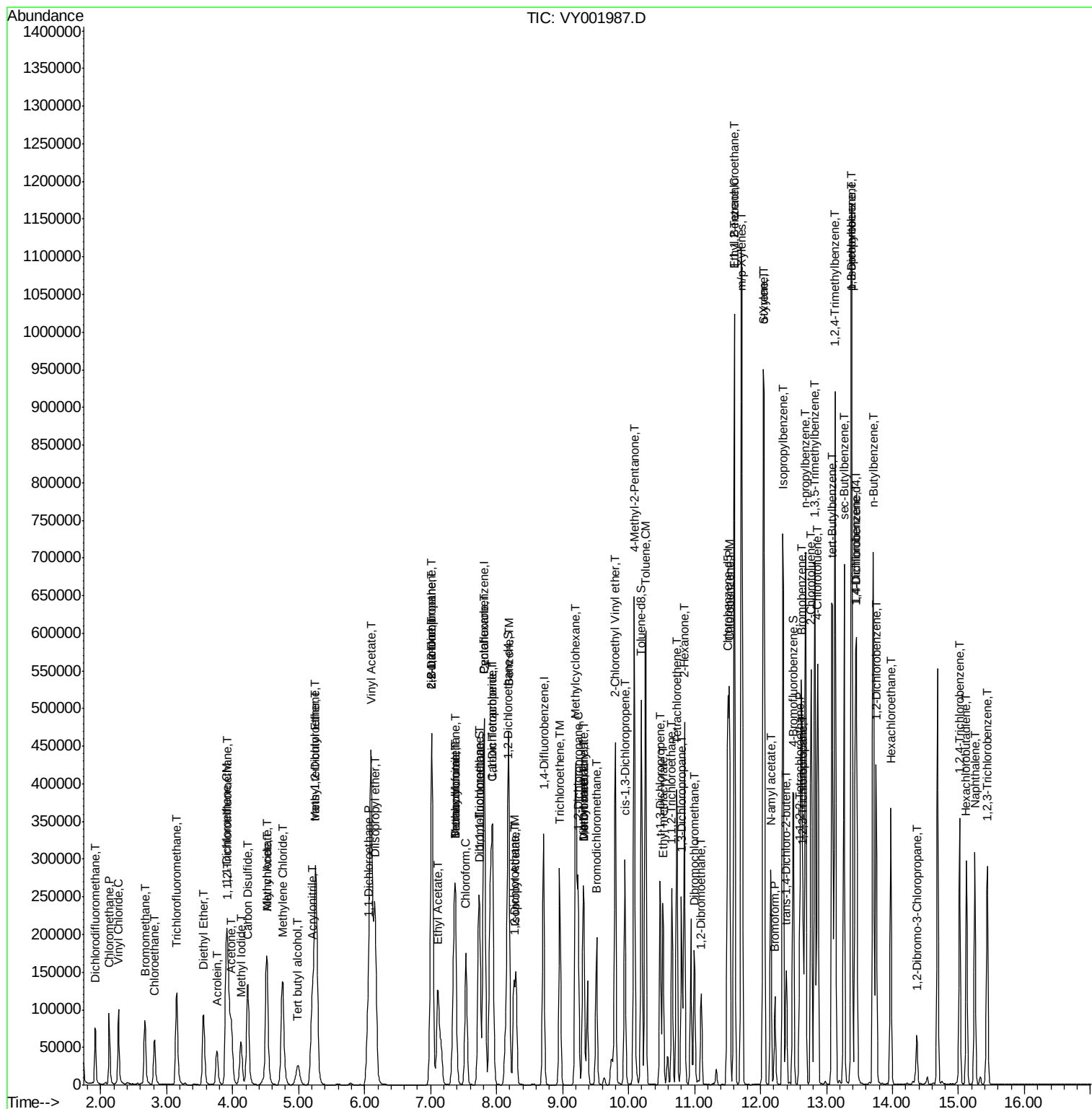
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	101275	46.908	ug/l	97
94) Hexachlorobutadiene	15.12	225	51274	48.712	ug/l	98
95) Naphthalene	15.25	128	248346	48.495	ug/l	100
96) 1,2,3-Trichlorobenzene	15.44	180	90009	47.325	ug/l	100

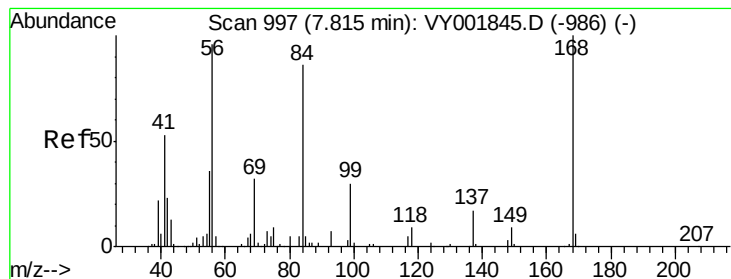
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.00 min

Lab File: VY001987.D

Acq: 16 Mar 2020 17:04

Instrument :

MSVOA_Y

ClientSampleId :

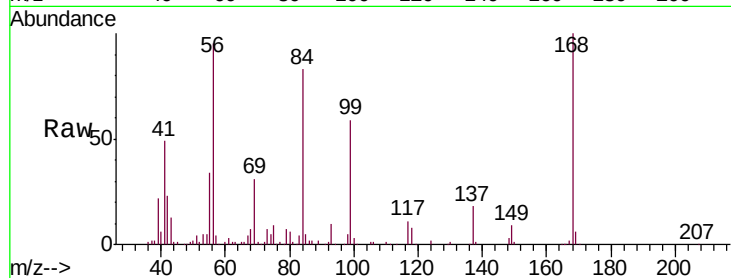
VSTDCCC050EC

Tgt Ion:168 Resp: 156890

Ion Ratio Lower Upper

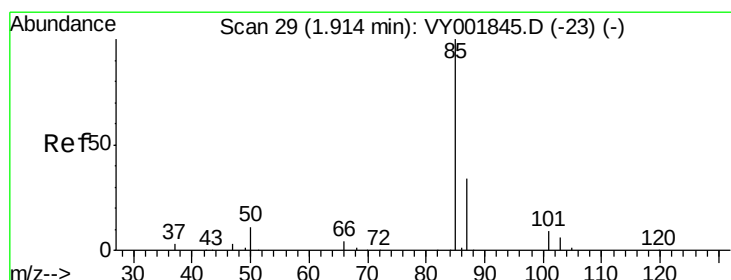
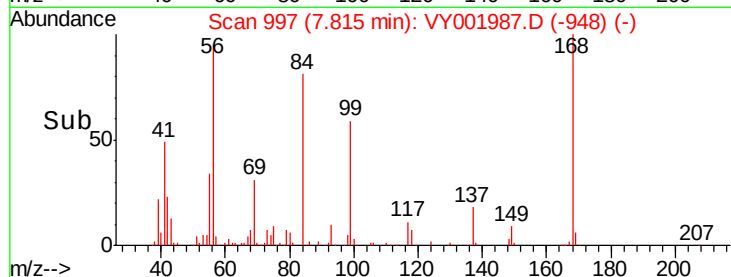
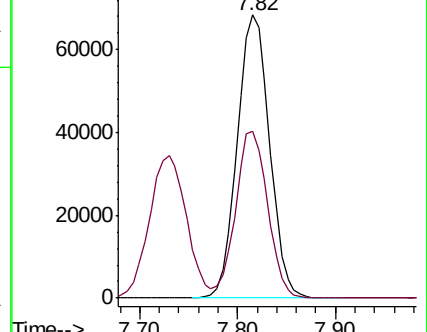
168 100

99 59.0 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): VY001845.D (-986) (-)

Ion 98.90 (98.60 to 99.60): VY001845.D (-986) (-)



#2

Dichlorodifluoromethane

Concen: 43.013 ug/l

RT: 1.91 min Scan# 29

Delta R.T. 0.00 min

Lab File: VY001987.D

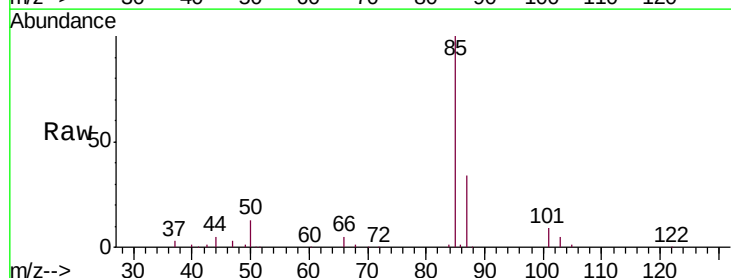
Acq: 16 Mar 2020 17:04

Tgt Ion: 85 Resp: 62292

Ion Ratio Lower Upper

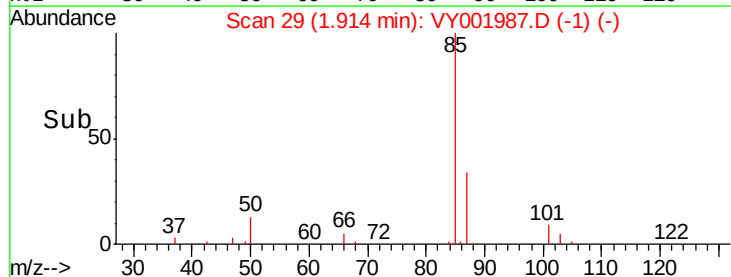
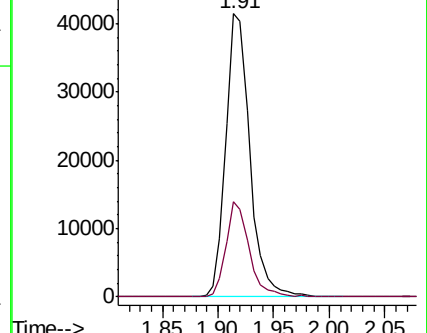
85 100

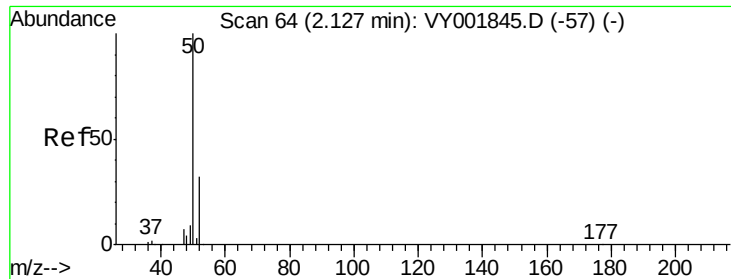
87 33.6 16.8 50.4



Abundance Ion 84.90 (84.60 to 85.60): VY001845.D (-23) (-)

Ion 86.90 (86.60 to 87.60): VY001845.D (-23) (-)





#3

Chloromethane

Concen: 46.058 ug/l

RT: 2.13 min Scan# 64

Delta R.T. 0.00 min

Lab File: VY001987.D

Acq: 16 Mar 2020 17:04

Instrument :

MSVOA_Y

ClientSampleId :

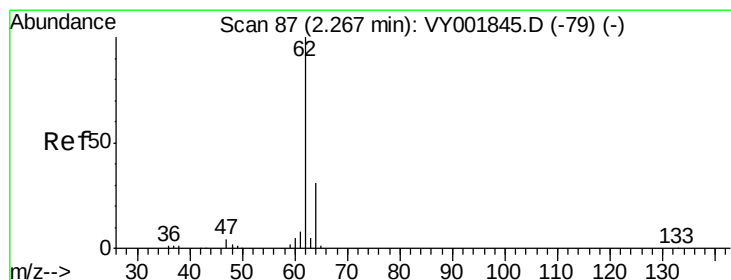
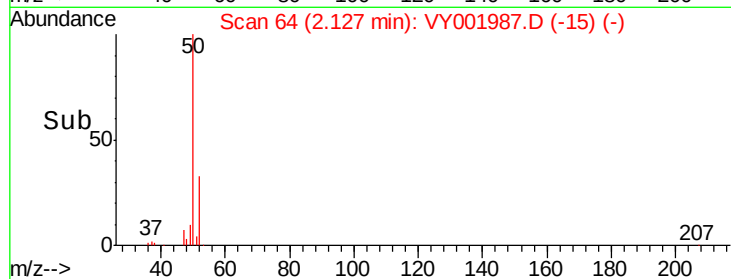
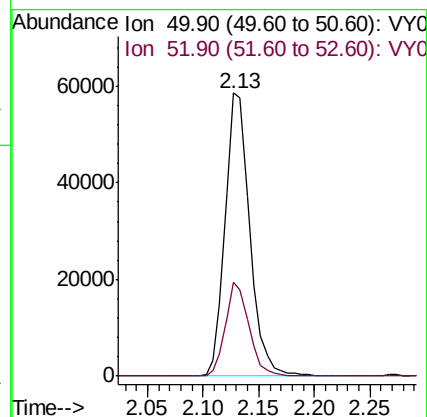
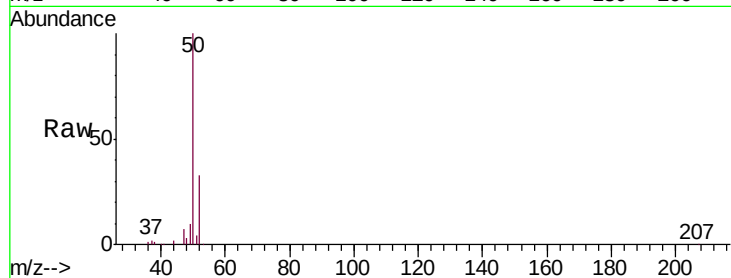
VSTDCCC050EC

Tgt Ion: 50 Resp: 89929

Ion Ratio Lower Upper

50 100

52 33.2 25.8 38.6



#4

Vinyl Chloride

Concen: 47.126 ug/l

RT: 2.27 min Scan# 87

Delta R.T. 0.00 min

Lab File: VY001987.D

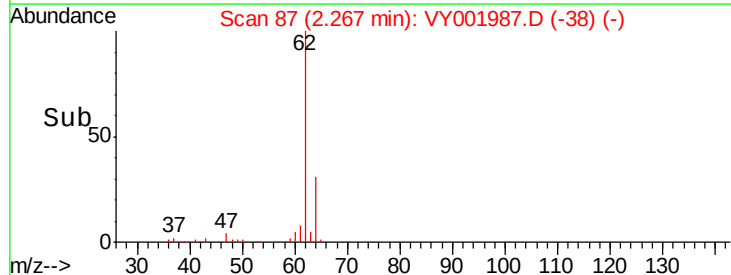
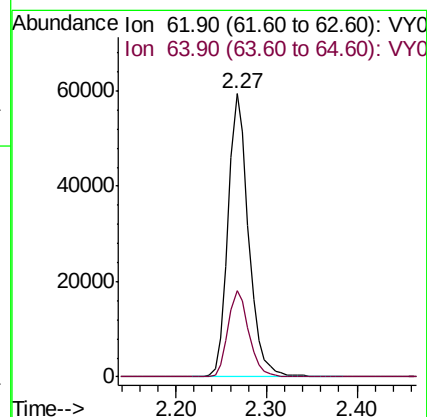
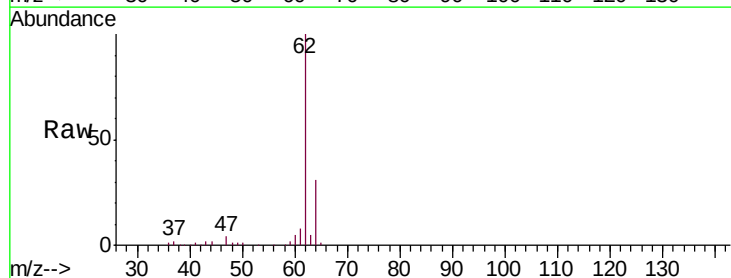
Acq: 16 Mar 2020 17:04

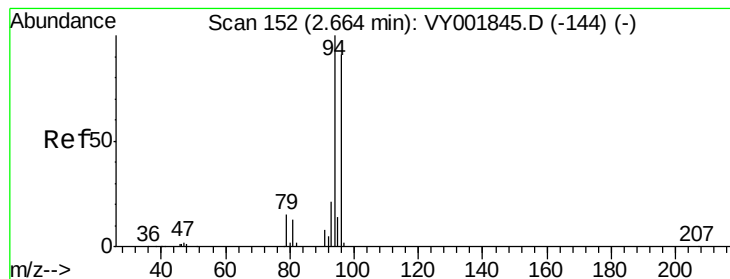
Tgt Ion: 62 Resp: 93594

Ion Ratio Lower Upper

62 100

64 30.6 25.1 37.7





#5

Bromomethane

Concen: 55.099 ug/l

RT: 2.67 min Scan# 153

Delta R.T. 0.01 min

Lab File: VY001987.D

Acq: 16 Mar 2020 17:04

Instrument :

MSVOA_Y

ClientSampleId :

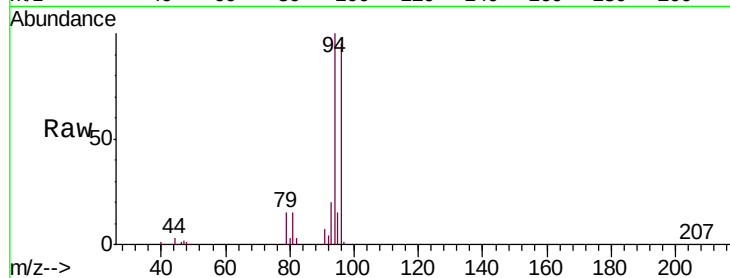
VSTDCCC050EC

Tgt Ion: 94 Resp: 63222

Ion Ratio Lower Upper

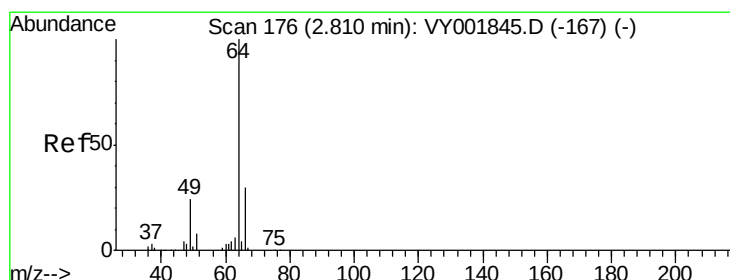
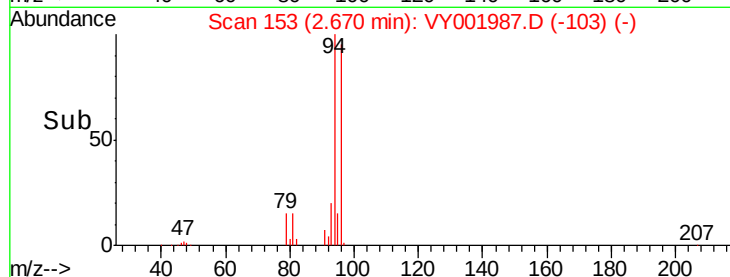
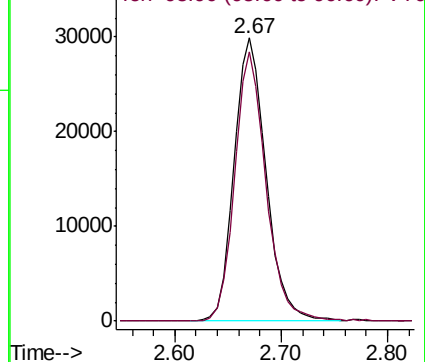
94 100

96 95.0 73.2 109.8



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 48.996 ug/l

RT: 2.82 min Scan# 177

Delta R.T. 0.01 min

Lab File: VY001987.D

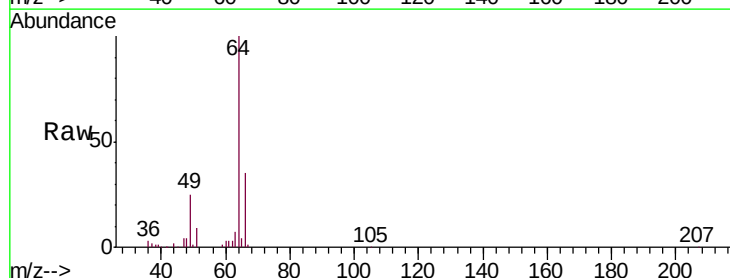
Acq: 16 Mar 2020 17:04

Tgt Ion: 64 Resp: 61126

Ion Ratio Lower Upper

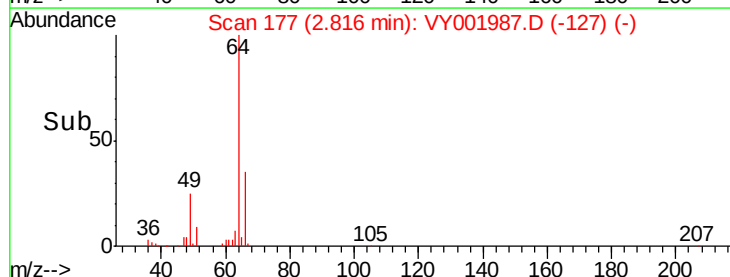
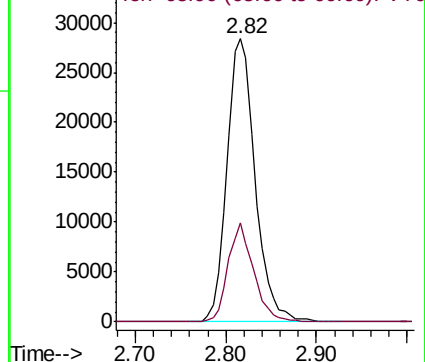
64 100

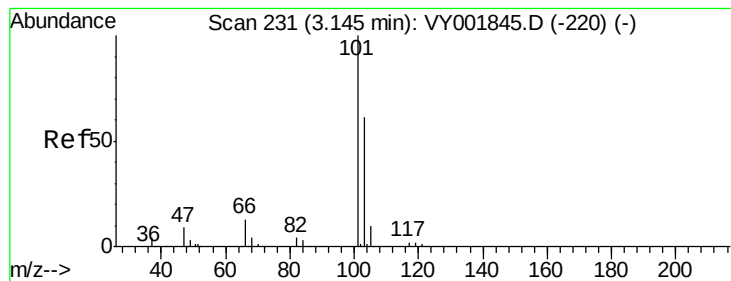
66 35.0 23.8 35.8



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



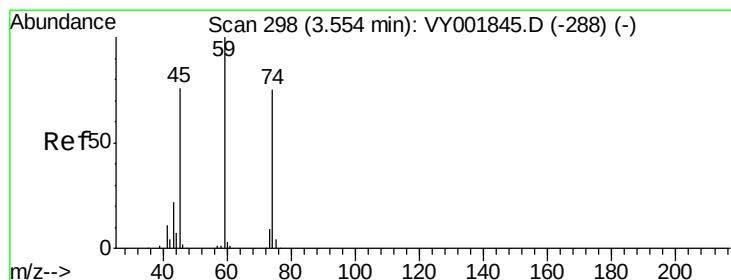
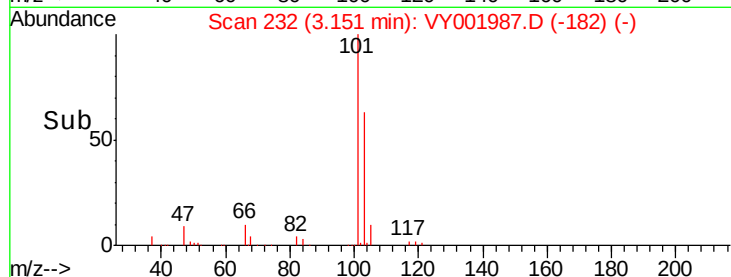
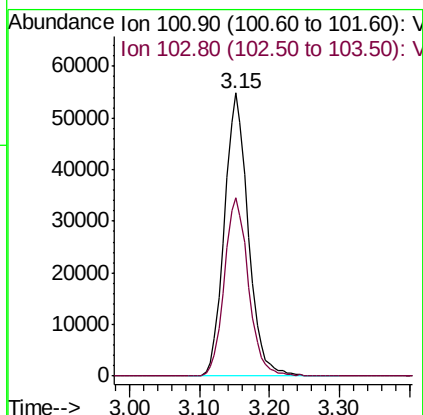
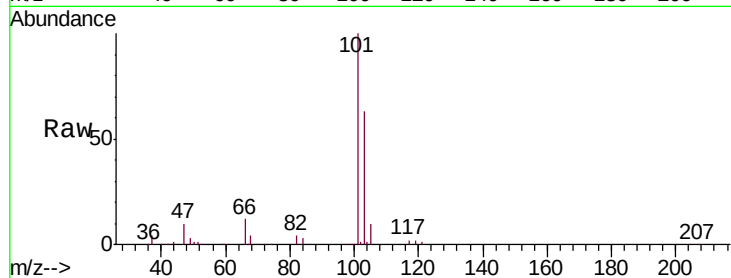


#7

Trichlorofluoromethane
Concen: 48.319 ug/l
RT: 3.15 min Scan# 232
Delta R.T. 0.01 min
Lab File: VY001987.D
Acq: 16 Mar 2020 17:04

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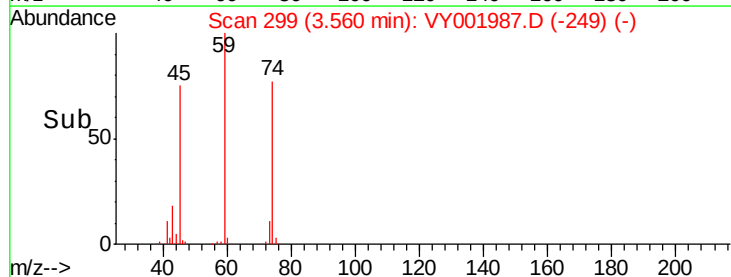
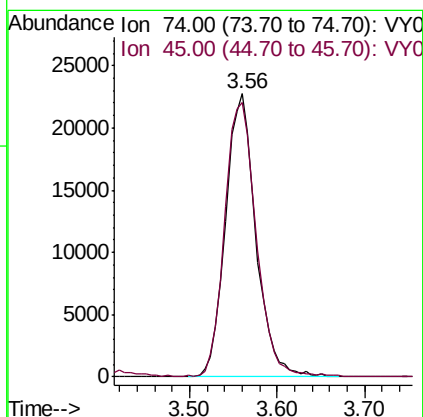
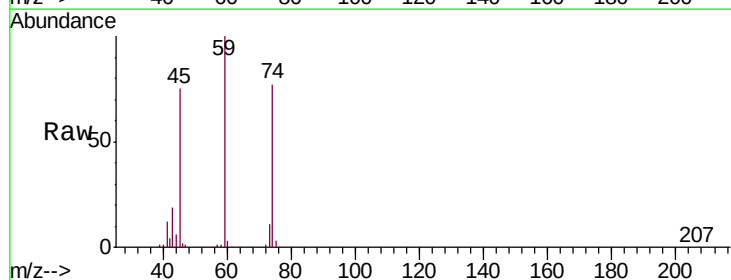
Tgt Ion:101 Resp: 130146
Ion Ratio Lower Upper
101 100
103 63.1 49.1 73.7

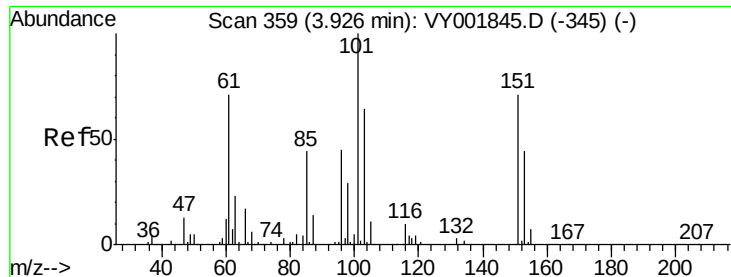


#8

Diethyl Ether
Concen: 51.716 ug/l
RT: 3.56 min Scan# 299
Delta R.T. 0.01 min
Lab File: VY001987.D
Acq: 16 Mar 2020 17:04

Tgt Ion: 74 Resp: 54900
Ion Ratio Lower Upper
74 100
45 101.4 50.5 151.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.712 ug/l

RT: 3.93 min Scan# 360

Delta R.T. 0.01 min

Lab File: VY001987.D

Acq: 16 Mar 2020 17:04

Instrument :

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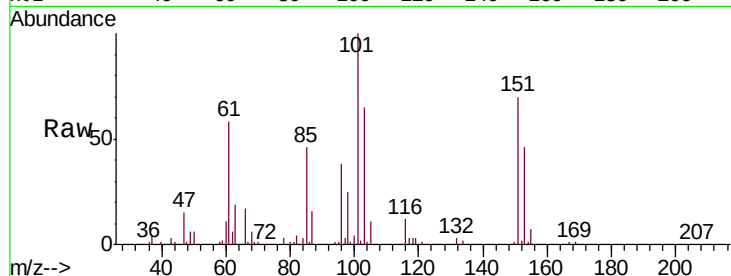
Tgt Ion:101 Resp: 86121

Ion Ratio Lower Upper

101 100

85 44.9 35.3 52.9

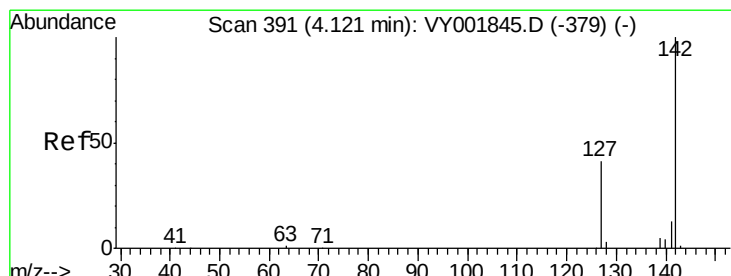
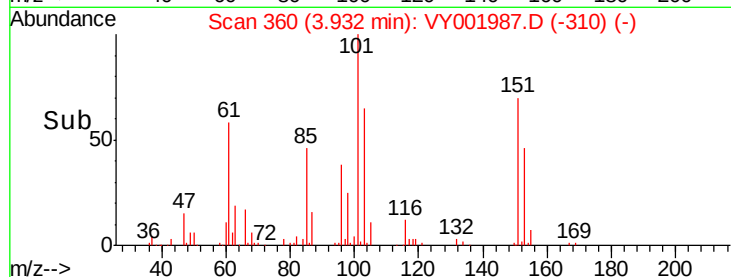
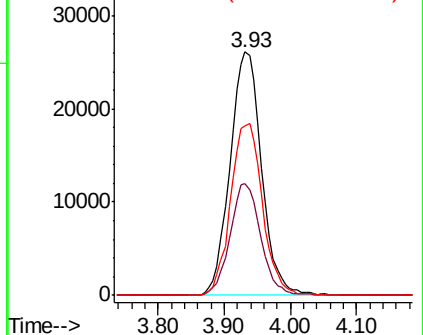
151 71.4 57.0 85.4



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: 49.152 ug/l

RT: 4.13 min Scan# 392

Delta R.T. 0.01 min

Lab File: VY001987.D

Acq: 16 Mar 2020 17:04

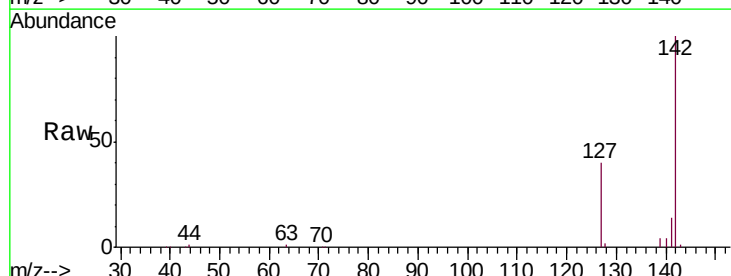
Tgt Ion:142 Resp: 98471

Ion Ratio Lower Upper

142 100

127 40.6 32.7 49.1

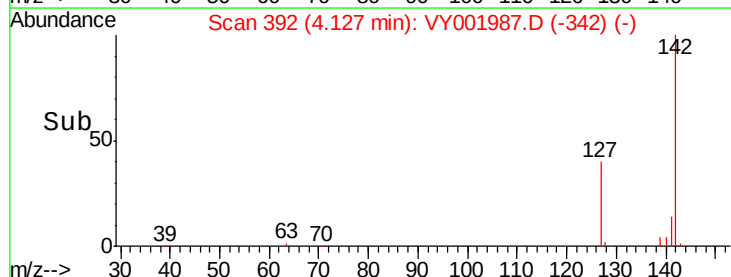
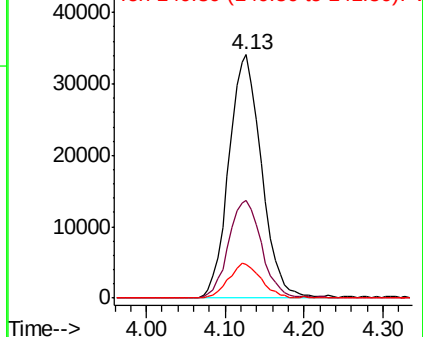
141 14.3 11.0 16.6

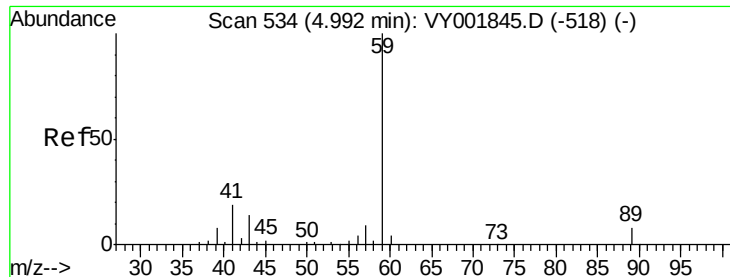


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



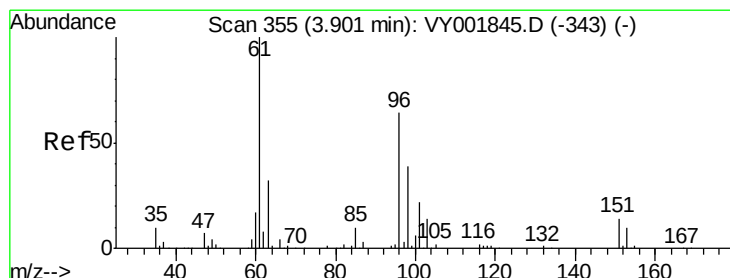
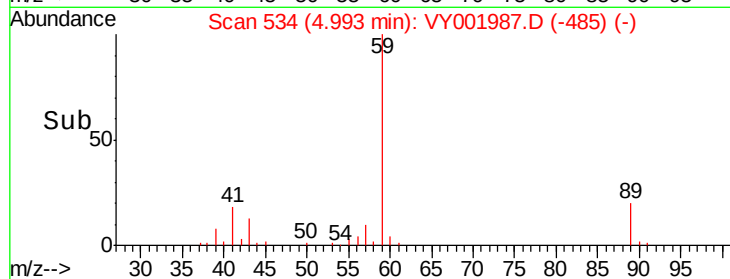
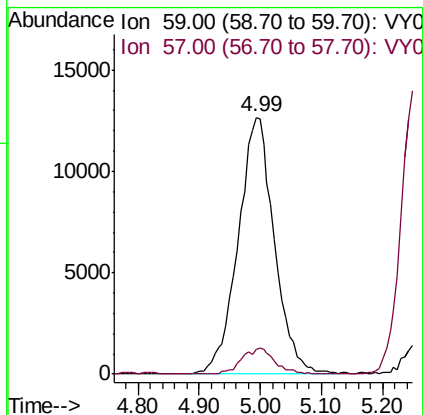
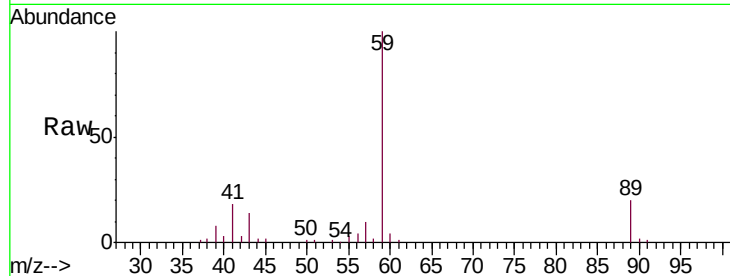


#11

Tert butyl alcohol
Concen: 303.163 ug/l
RT: 4.99 min Scan# 534
Delta R.T. 0.00 min
Lab File: VY001987.D
Acq: 16 Mar 2020 17:04

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

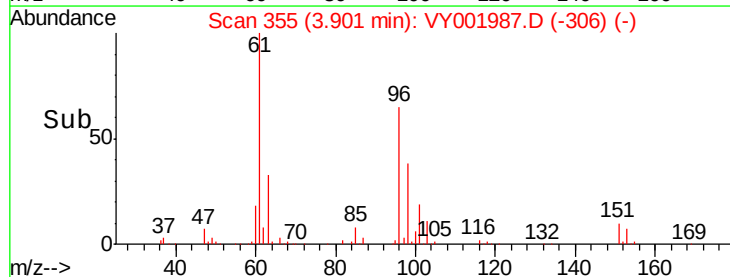
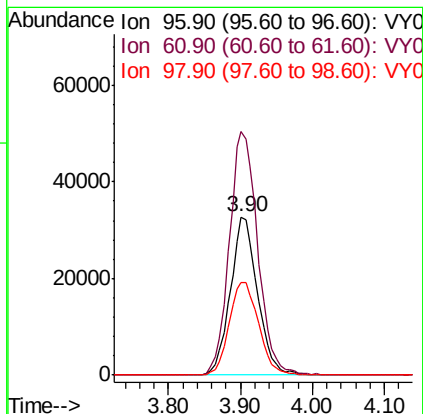
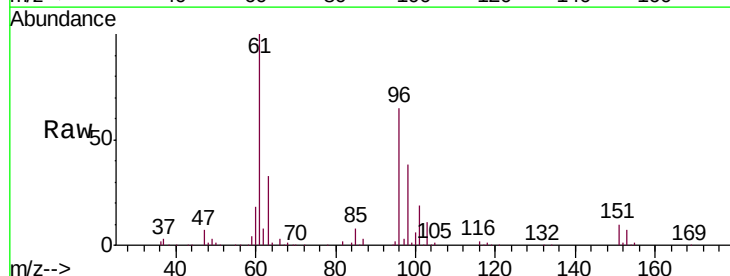
Tgt Ion: 59 Resp: 52004
Ion Ratio Lower Upper
59 100
57 9.1 7.4 11.2

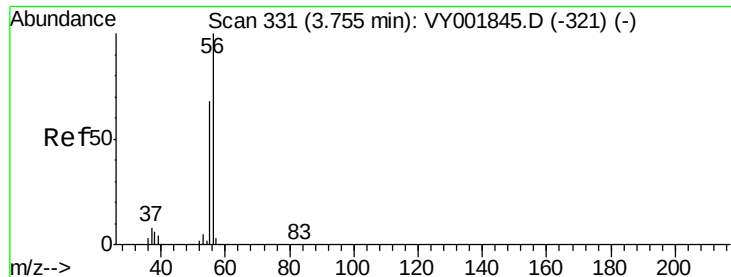


#12

1,1-Dichloroethene
Concen: 49.244 ug/l
RT: 3.90 min Scan# 355
Delta R.T. 0.00 min
Lab File: VY001987.D
Acq: 16 Mar 2020 17:04

Tgt Ion: 96 Resp: 85898
Ion Ratio Lower Upper
96 100
61 154.2 124.8 187.2
98 58.9 49.2 73.8

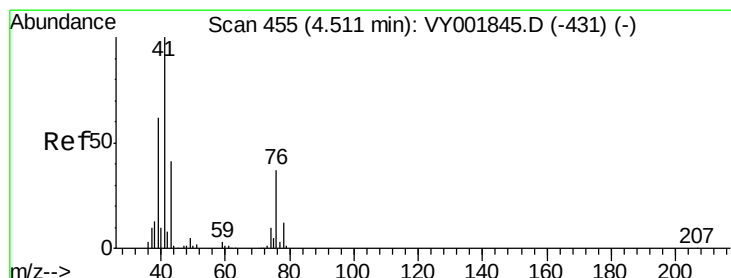
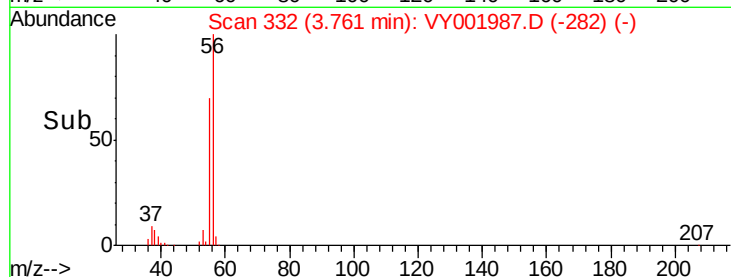
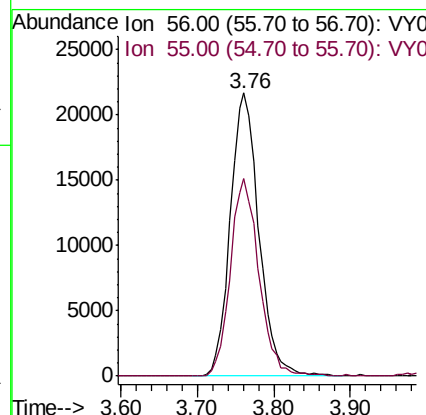
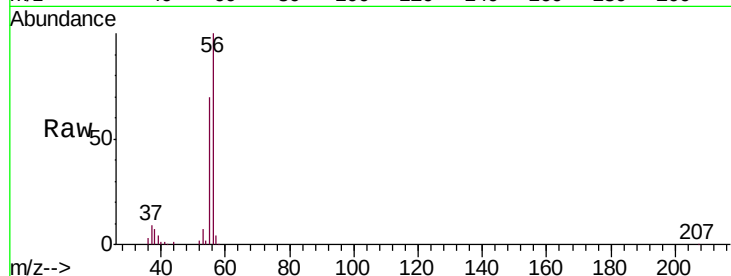




#13
 Acrolein
 Concen: 238.112 ug/l
 RT: 3.76 min Scan# 332
 Delta R.T. 0.01 min
 Lab File: VY001987.D
 Acq: 16 Mar 2020 17:04

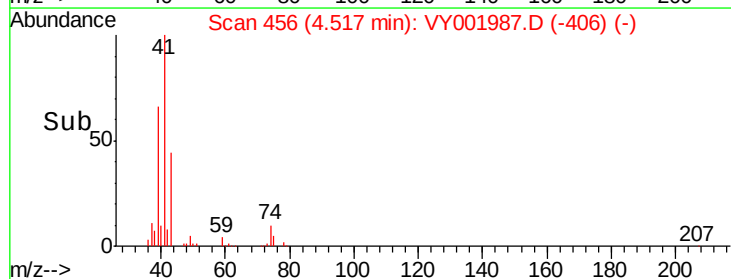
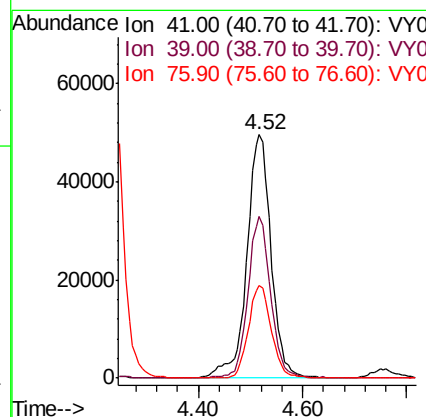
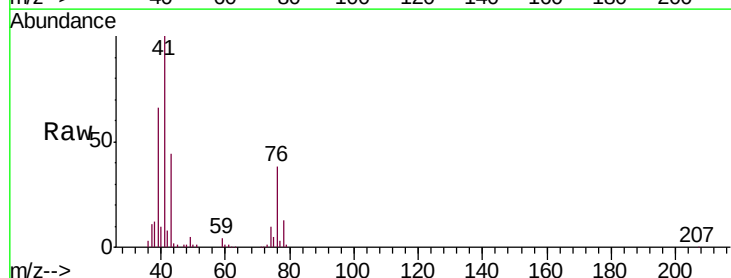
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

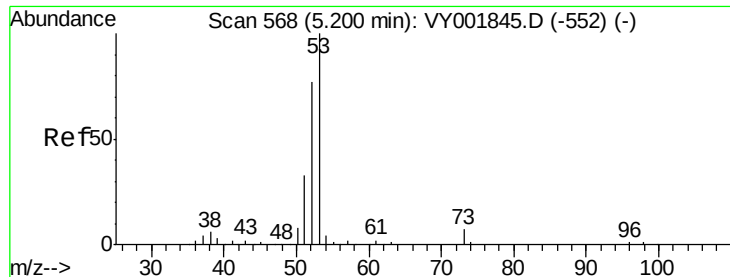
Tgt Ion: 56 Resp: 56043
 Ion Ratio Lower Upper
 56 100
 55 69.5 54.0 81.0



#14
 Allyl chloride
 Concen: 51.557 ug/l
 RT: 4.52 min Scan# 456
 Delta R.T. 0.01 min
 Lab File: VY001987.D
 Acq: 16 Mar 2020 17:04

Tgt Ion: 41 Resp: 159435
 Ion Ratio Lower Upper
 41 100
 39 62.0 49.0 73.6
 76 35.8 28.9 43.3





#15

Acrylonitrile

Concen: 268.114 ug/l

RT: 5.21 min Scan# 569

Delta R.T. 0.01 min

Lab File: VY001987.D

Acq: 16 Mar 2020 17:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

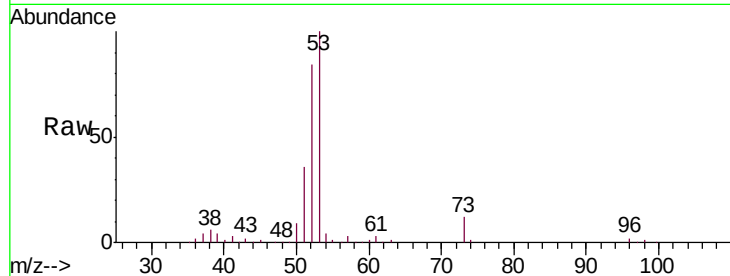
Tgt Ion: 53 Resp: 152092

Ion Ratio Lower Upper

53 100

52 82.3 65.1 97.7

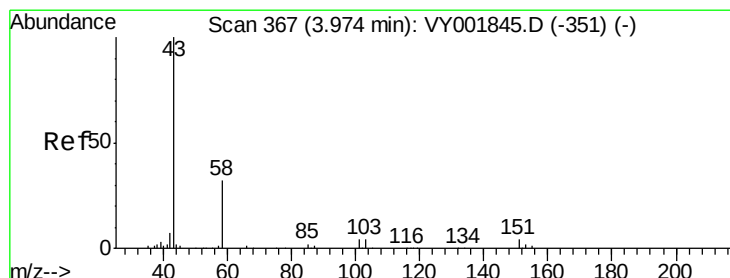
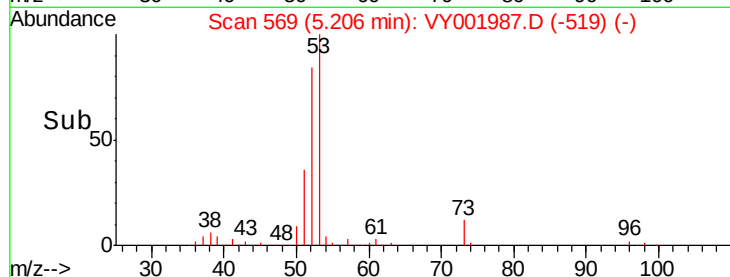
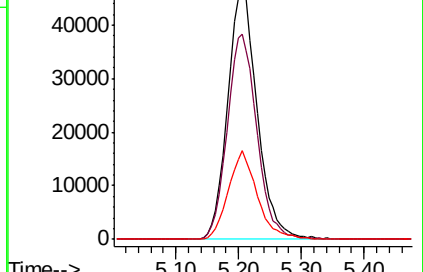
51 34.8 27.5 41.3



Abundance Ion 53.00 (52.70 to 53.70): VY001845.D (-552) (-)

Ion 52.00 (51.70 to 52.70): VY001845.D (-552) (-)

Ion 51.00 (50.70 to 51.70): VY001845.D (-552) (-)



#16

Acetone

Concen: 257.049 ug/l

RT: 3.98 min Scan# 368

Delta R.T. 0.01 min

Lab File: VY001987.D

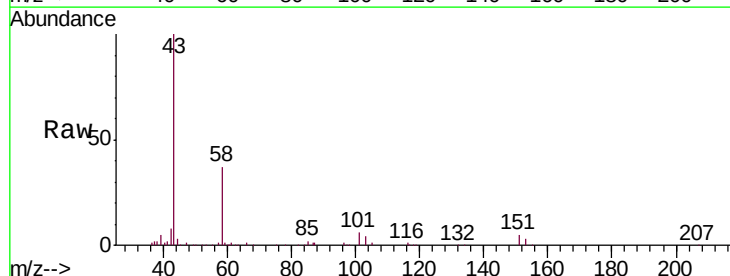
Acq: 16 Mar 2020 17:04

Tgt Ion: 43 Resp: 125397

Ion Ratio Lower Upper

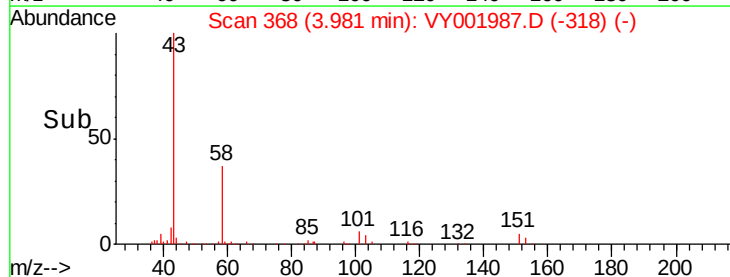
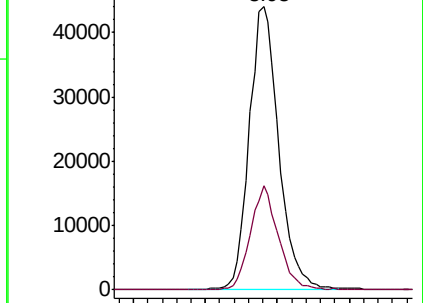
43 100

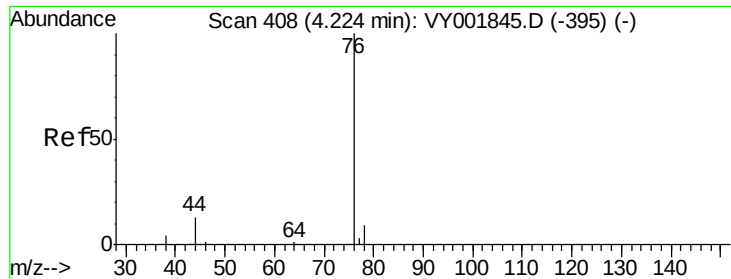
58 36.9 25.9 38.9



Abundance Ion 43.00 (42.70 to 43.70): VY001845.D (-351) (-)

Ion 58.00 (57.70 to 58.70): VY001845.D (-351) (-)





#17

Carbon Disulfide

Concen: 45.838 ug/l

RT: 4.23 min Scan# 409

Delta R.T. 0.01 min

Lab File: VY001987.D

Acq: 16 Mar 2020 17:04

Instrument :

MSVOA_Y

ClientSampleId :

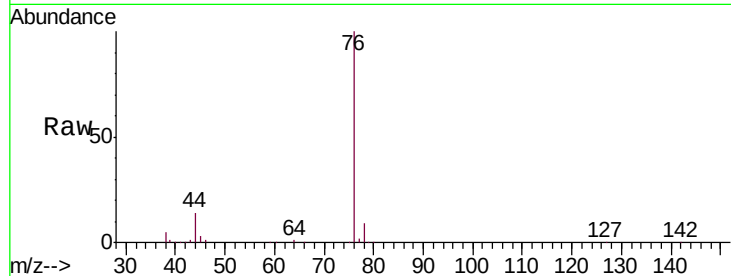
VSTDCCC050EC

Tgt Ion: 76 Resp: 268786

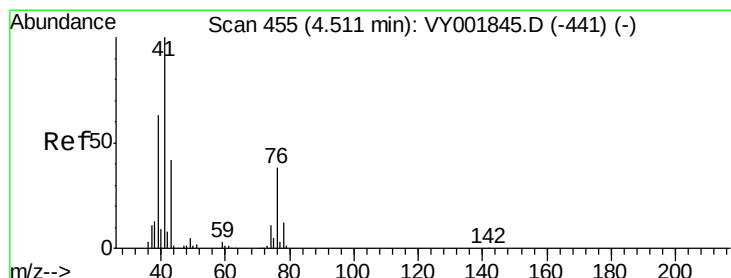
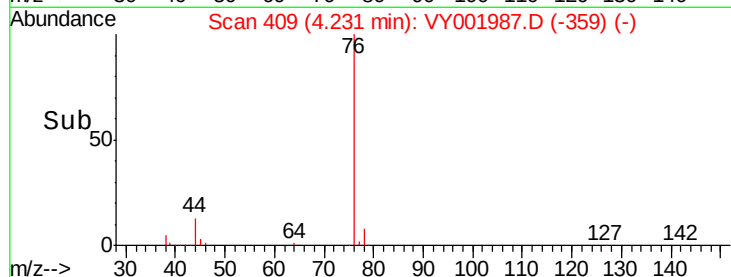
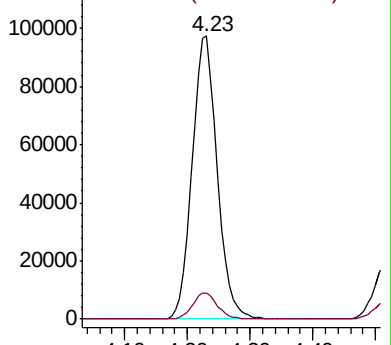
Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VY001845.D (-395) (-)



#18

Methyl Acetate

Concen: 54.046 ug/l

RT: 4.52 min Scan# 456

Delta R.T. 0.01 min

Lab File: VY001987.D

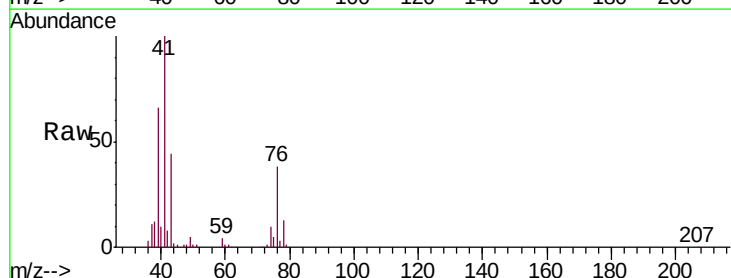
Acq: 16 Mar 2020 17:04

Tgt Ion: 43 Resp: 67744

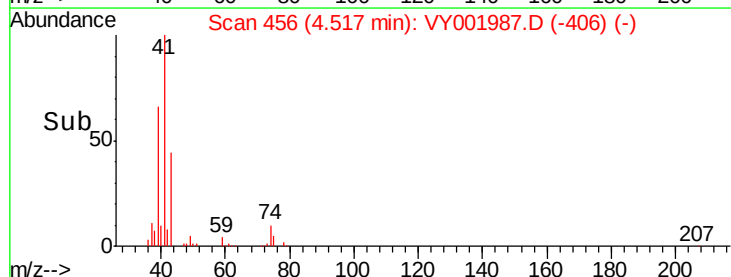
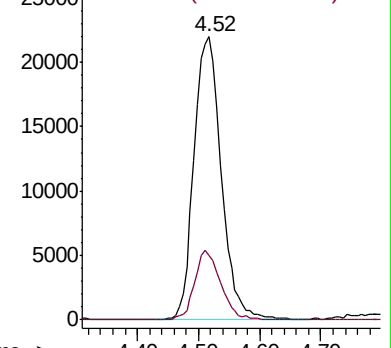
Ion Ratio Lower Upper

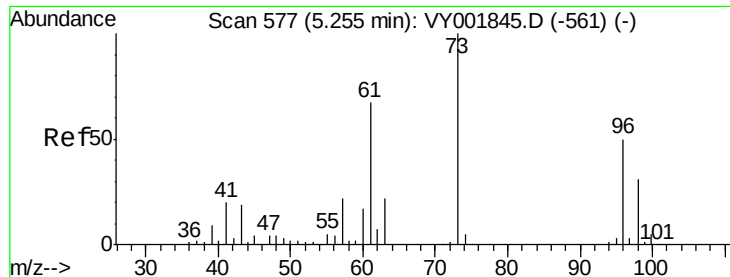
43 100

74 23.3 19.0 28.6



Abundance Ion 43.00 (42.70 to 43.70): VY001845.D (-441) (-)

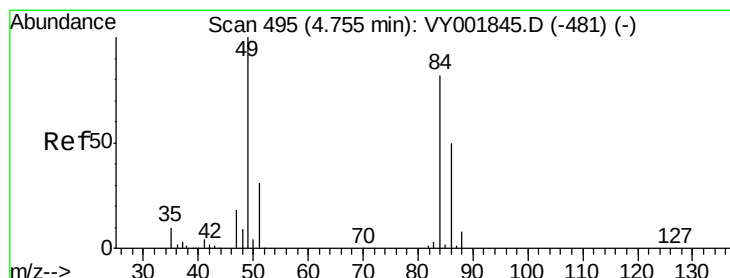
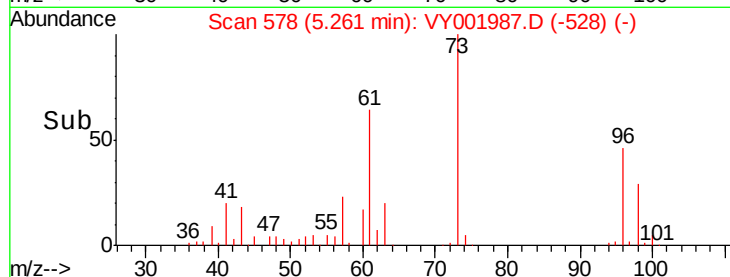
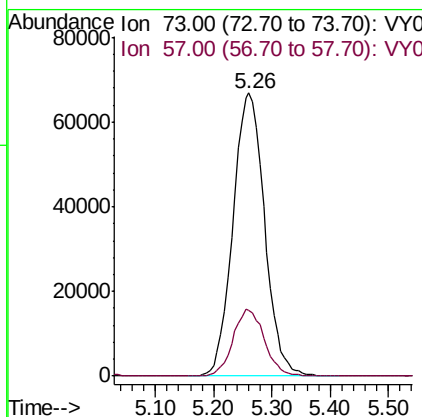
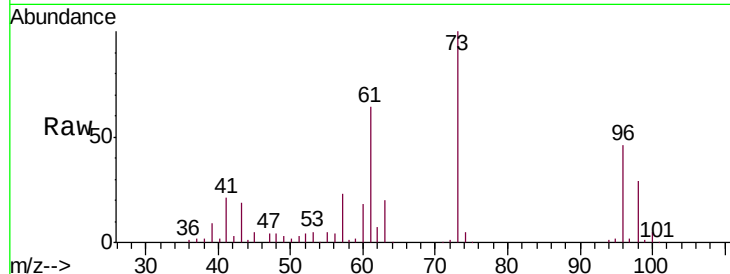




#19
Methyl tert-butyl Ether
Concen: 53.246 ug/l
RT: 5.26 min Scan# 578
Delta R.T. 0.01 min
Lab File: VY001987.D
Acq: 16 Mar 2020 17:04

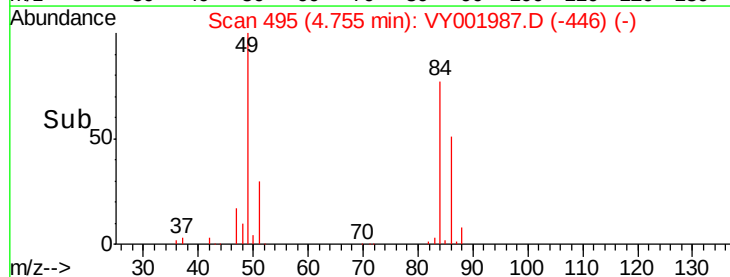
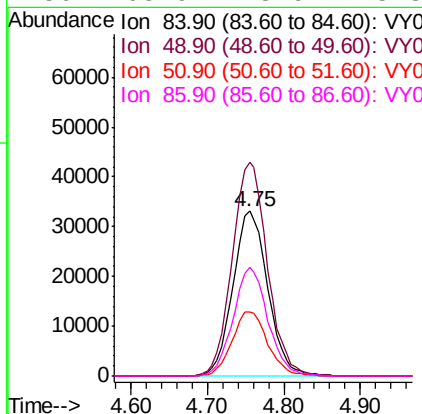
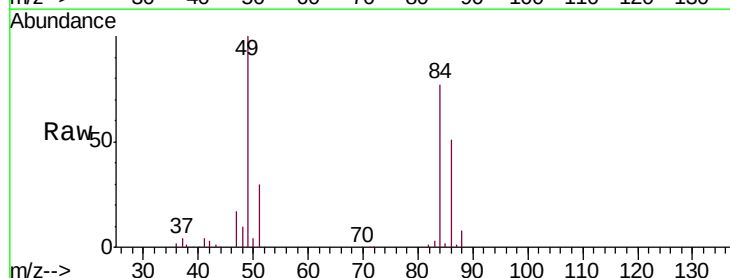
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

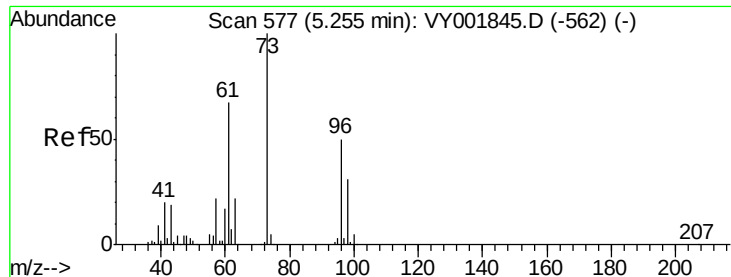
Tgt Ion: 73 Resp: 251696
Ion Ratio Lower Upper
73 100
57 23.4 17.4 26.2



#20
Methylene Chloride
Concen: 50.113 ug/l
RT: 4.75 min Scan# 495
Delta R.T. 0.00 min
Lab File: VY001987.D
Acq: 16 Mar 2020 17:04

Tgt Ion: 84 Resp: 104774
Ion Ratio Lower Upper
84 100
49 129.8 98.2 147.2
51 38.6 30.2 45.2
86 65.9 48.9 73.3





#21

trans-1,2-Dichloroethene

Concen: 49.920 ug/l

RT: 5.25 min Scan# 577

Delta R.T. 0.00 min

Lab File: VY001987.D

Acq: 16 Mar 2020 17:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

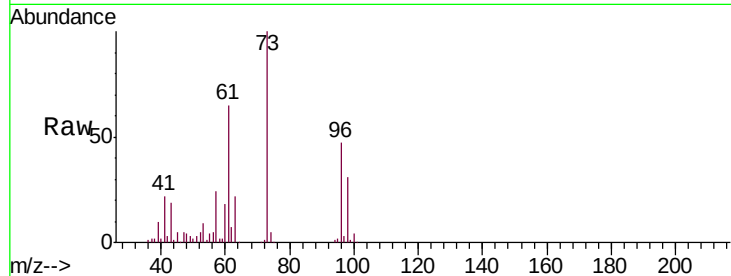
Tgt Ion: 96 Resp: 98836

Ion Ratio Lower Upper

96 100

61 138.0 107.7 161.5

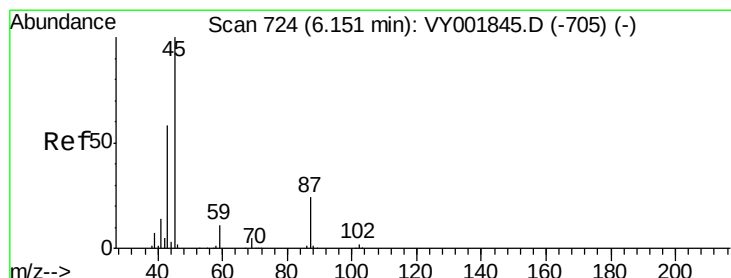
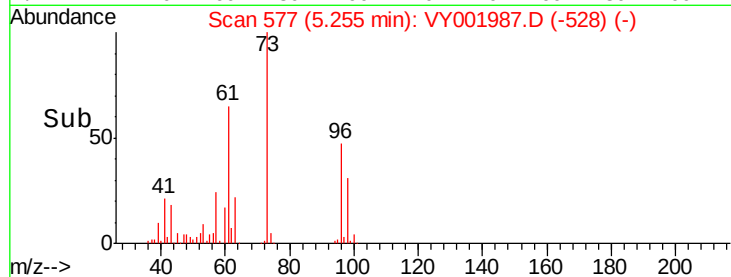
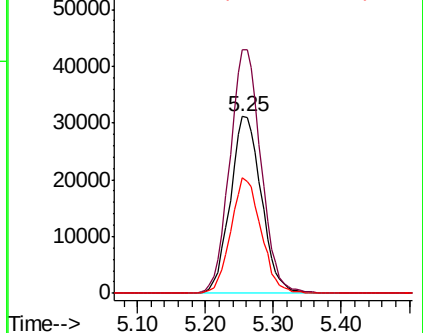
98 65.4 49.3 73.9



Abundance Ion 95.90 (95.60 to 96.60): VY001987.D (-528) (-)

Ion 60.90 (60.60 to 61.60): VY001987.D (-528) (-)

Ion 97.90 (97.60 to 98.60): VY001987.D (-528) (-)



#22

Diisopropyl ether

Concen: 52.842 ug/l

RT: 6.16 min Scan# 725

Delta R.T. 0.01 min

Lab File: VY001987.D

Acq: 16 Mar 2020 17:04

Tgt Ion: 45 Resp: 334954

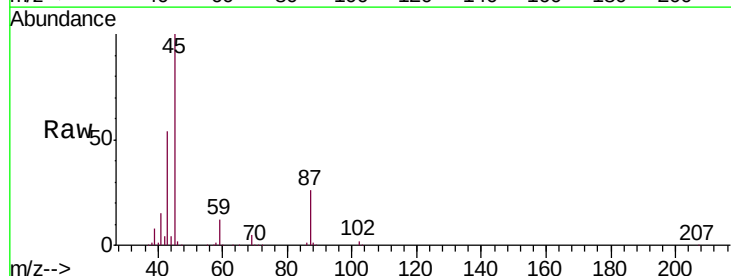
Ion Ratio Lower Upper

45 100

43 54.3 47.2 70.8

87 25.8 19.8 29.8

59 11.8 8.8 13.2

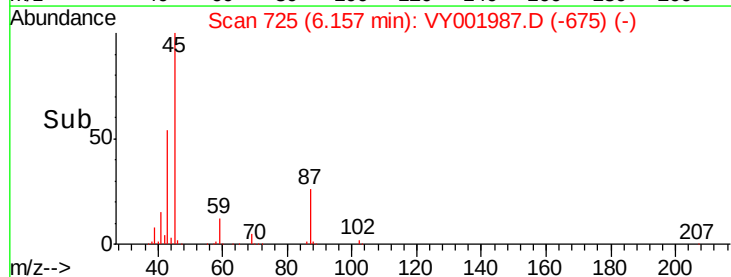
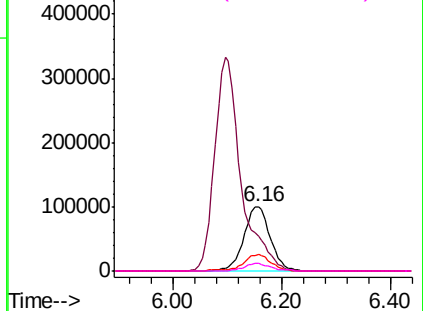


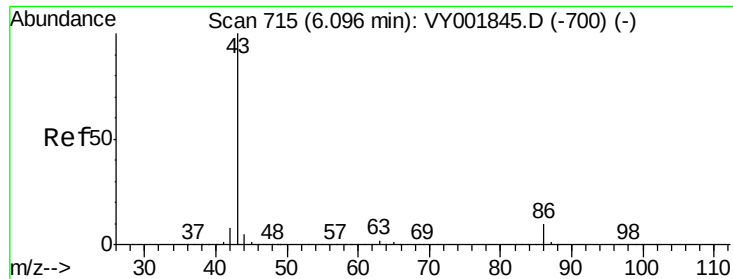
Abundance Ion 45.00 (44.70 to 45.70): VY001987.D (-675) (-)

Ion 43.00 (42.70 to 43.70): VY001987.D (-675) (-)

Ion 87.00 (86.70 to 87.70): VY001987.D (-675) (-)

Ion 59.00 (58.70 to 59.70): VY001987.D (-675) (-)





#23

Vinyl Acetate

Concen: 267.842 ug/l

RT: 6.10 min Scan# 715

Delta R.T. 0.00 min

Lab File: VY001987.D

Acq: 16 Mar 2020 17:04

Instrument :

MSVOA_Y

ClientSampleId :

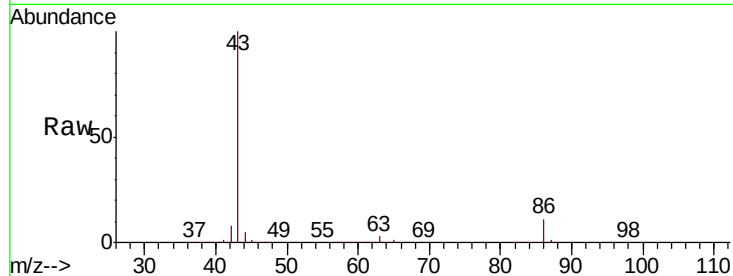
VSTDCCC050EC

Tgt Ion: 43 Resp: 1113023

Ion Ratio Lower Upper

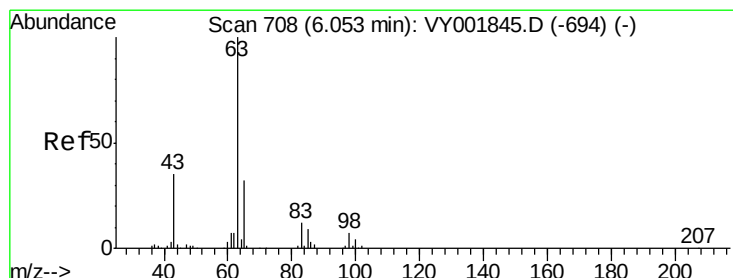
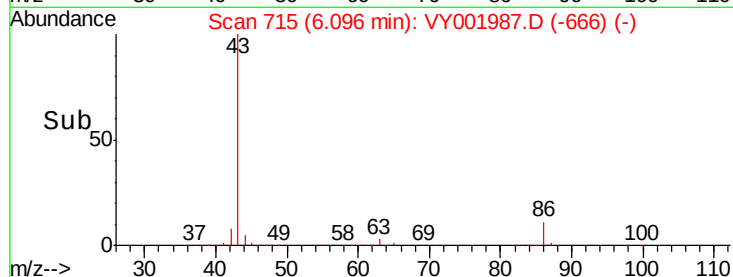
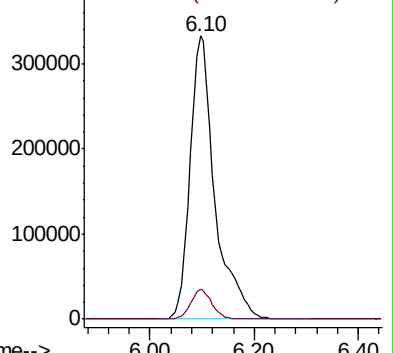
43 100

86 10.6 7.8 11.8



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 51.380 ug/l

RT: 6.05 min Scan# 708

Delta R.T. 0.00 min

Lab File: VY001987.D

Acq: 16 Mar 2020 17:04

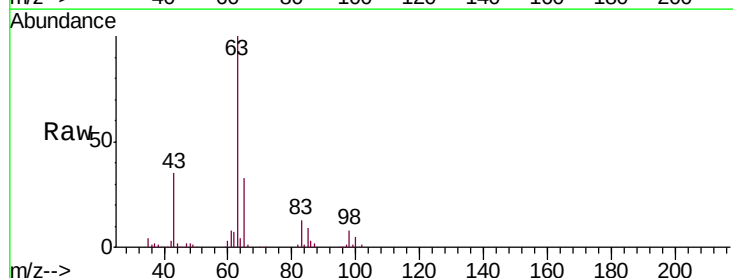
Tgt Ion: 63 Resp: 176372

Ion Ratio Lower Upper

63 100

98 8.0 3.4 10.2

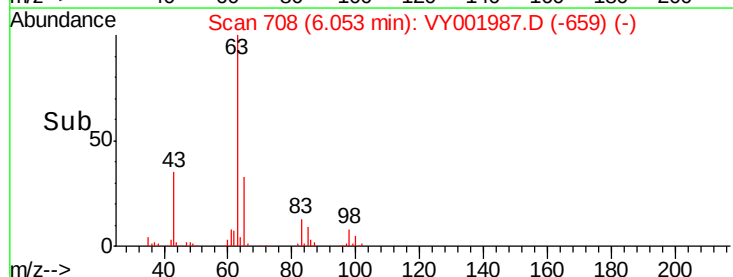
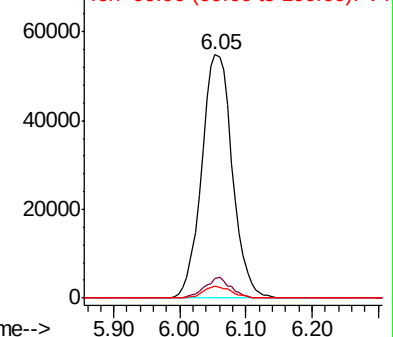
100 5.1 2.0 6.0

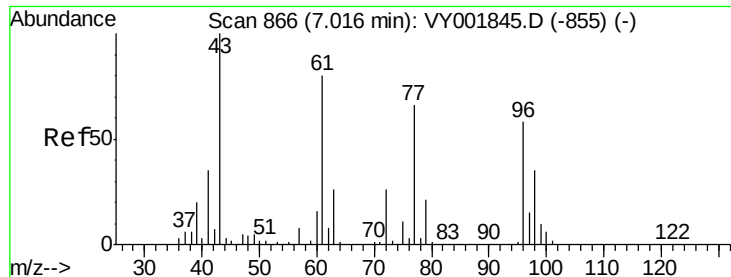


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0

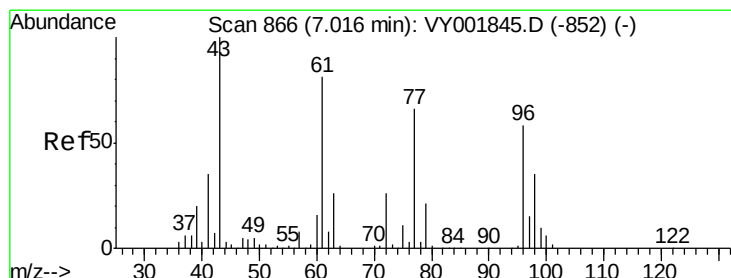
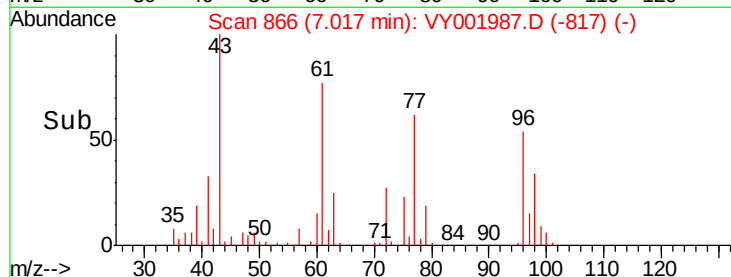
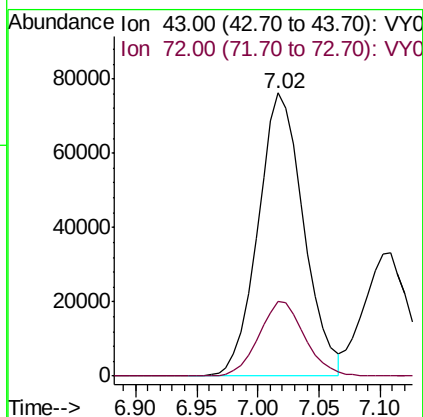
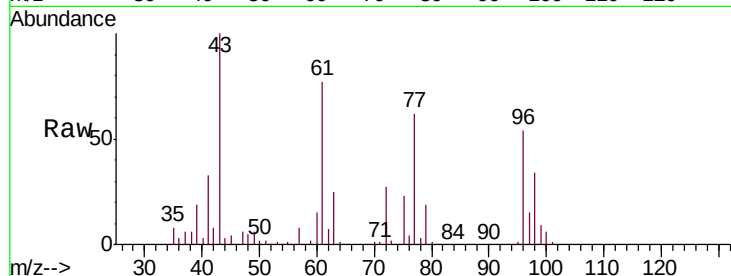




#25
2-Butanone
Concen: 266.539 ug/l
RT: 7.02 min Scan# 866
Delta R.T. 0.00 min
Lab File: VY001987.D
Acq: 16 Mar 2020 17:04

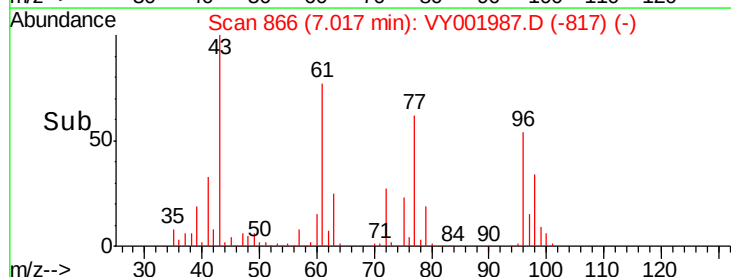
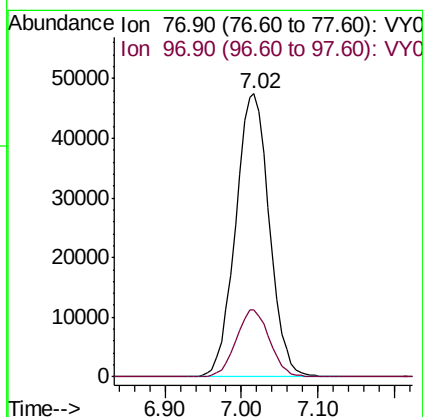
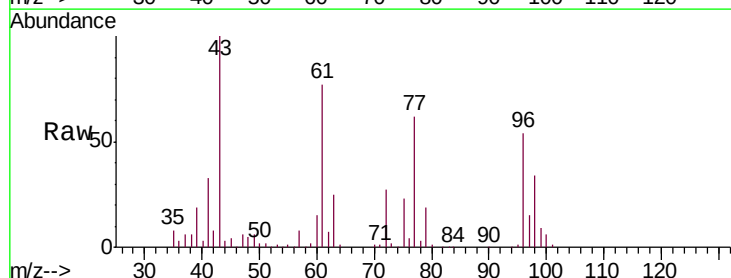
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

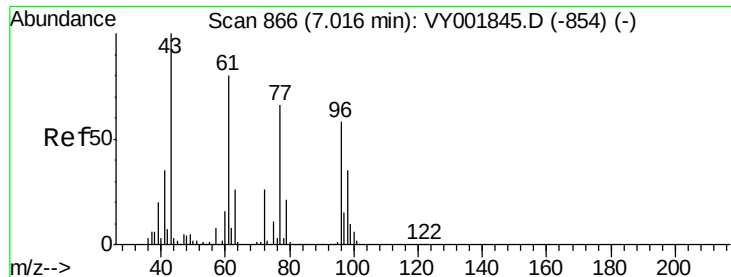
Tgt Ion: 43 Resp: 197735
Ion Ratio Lower Upper
43 100
72 26.5 20.9 31.3



#26
2,2-Dichloropropane
Concen: 51.469 ug/l
RT: 7.02 min Scan# 866
Delta R.T. 0.00 min
Lab File: VY001987.D
Acq: 16 Mar 2020 17:04

Tgt Ion: 77 Resp: 145010
Ion Ratio Lower Upper
77 100
97 23.5 11.9 35.7



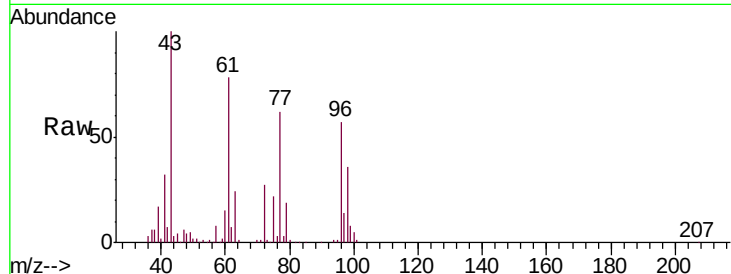


#27

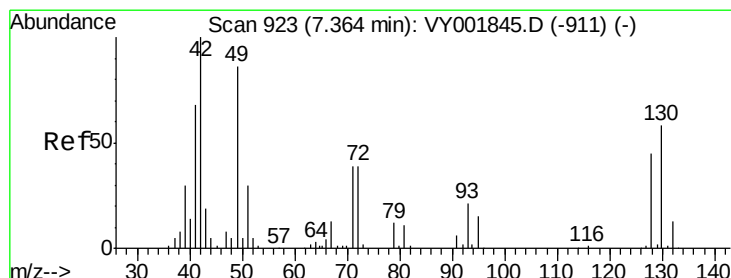
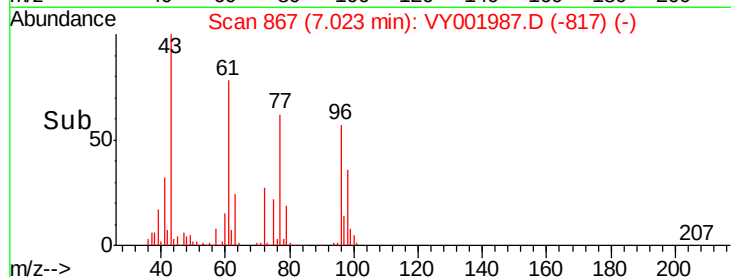
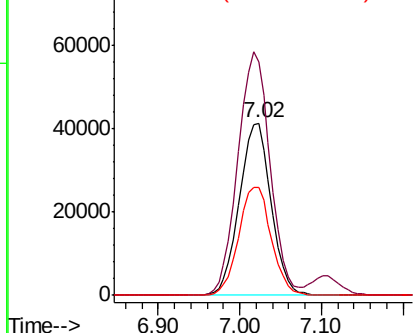
cis-1,2-Dichloroethene
Concen: 52.168 ug/l
RT: 7.02 min Scan# 867
Delta R.T. 0.01 min
Lab File: VY001987.D
Acq: 16 Mar 2020 17:04

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 112352
Ion Ratio Lower Upper
96 100
61 142.8 0.0 288.2
98 64.3 0.0 129.0



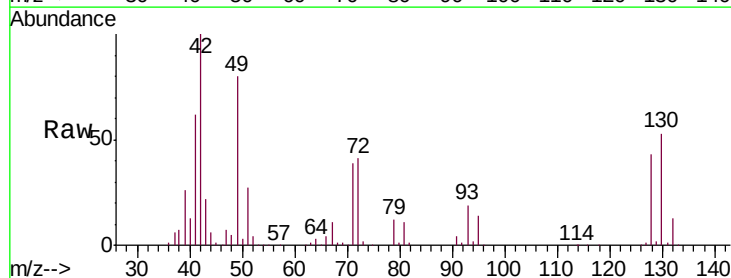
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



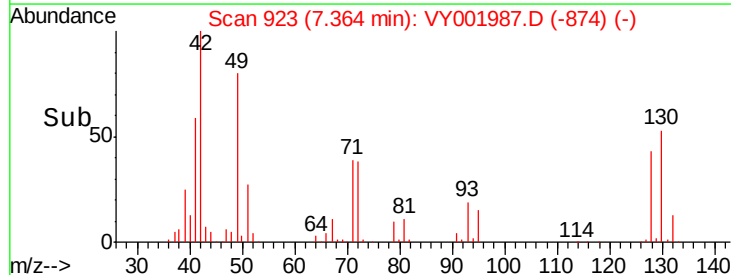
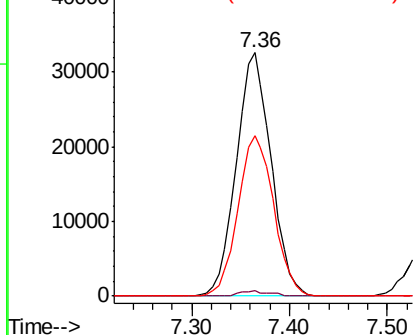
#28

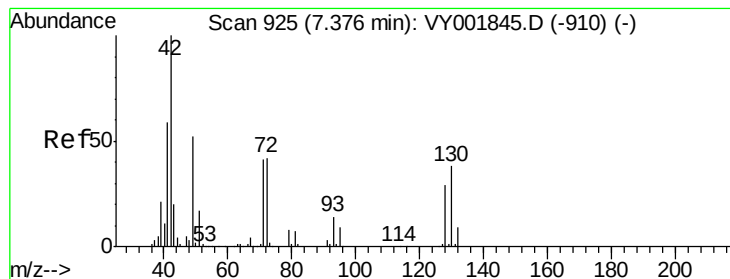
Bromochloromethane
Concen: 52.063 ug/l
RT: 7.36 min Scan# 923
Delta R.T. 0.00 min
Lab File: VY001987.D
Acq: 16 Mar 2020 17:04

Tgt Ion: 49 Resp: 80554
Ion Ratio Lower Upper
49 100
129 1.9 0.0 3.8
130 67.7 54.4 81.6



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





#29

Tetrahydrofuran

Concen: 268.933 ug/l

RT: 7.38 min Scan# 925

Delta R.T. 0.00 min

Lab File: VY001987.D

Acq: 16 Mar 2020 17:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

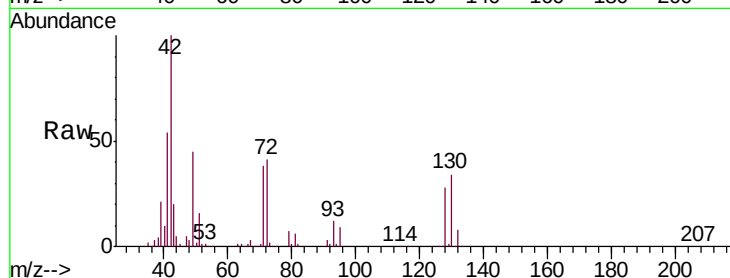
Tgt Ion: 42 Resp: 132488

Ion Ratio Lower Upper

42 100

72 40.8 33.5 50.3

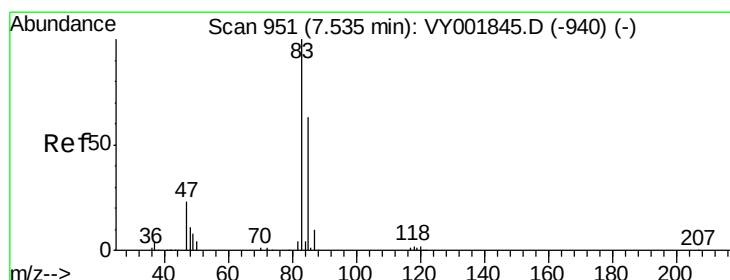
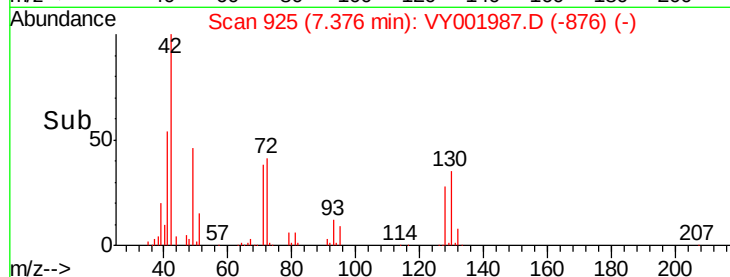
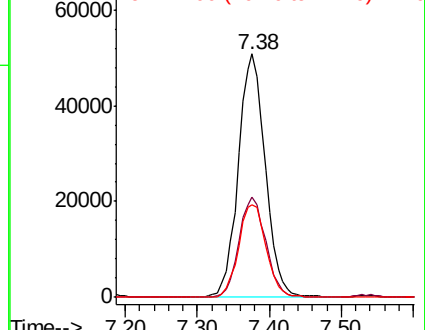
71 38.9 31.3 46.9



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: 52.296 ug/l

RT: 7.53 min Scan# 951

Delta R.T. 0.00 min

Lab File: VY001987.D

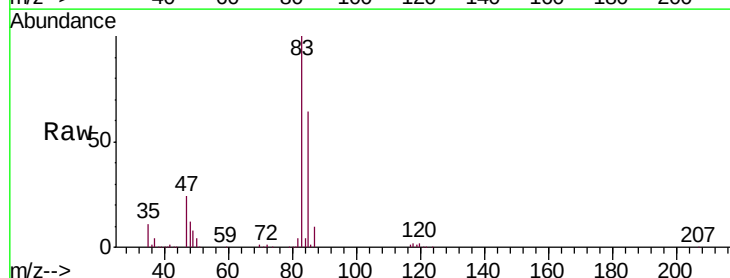
Acq: 16 Mar 2020 17:04

Tgt Ion: 83 Resp: 168660

Ion Ratio Lower Upper

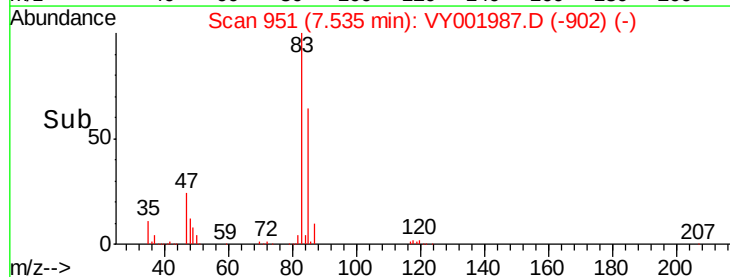
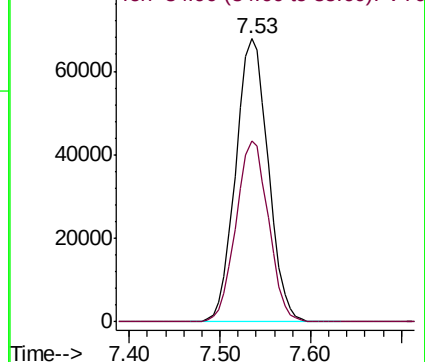
83 100

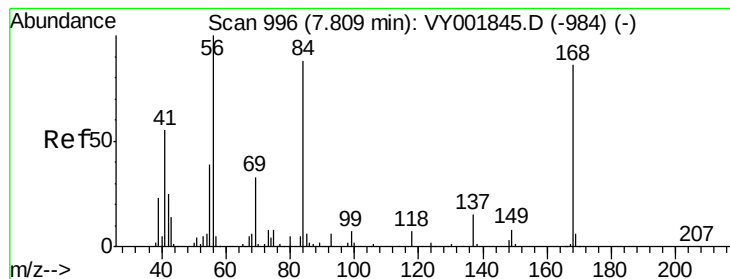
85 63.9 50.7 76.1



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0





#31

Cyclohexane

Concen: 47.424 ug/l

RT: 7.81 min Scan# 996

Delta R.T. 0.00 min

Lab File: VY001987.D

Acq: 16 Mar 2020 17:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

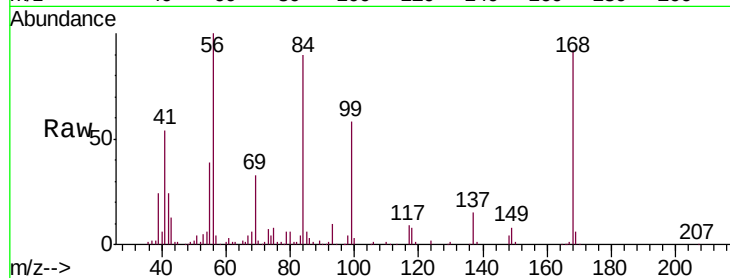
Tgt Ion: 56 Resp: 174548

Ion Ratio Lower Upper

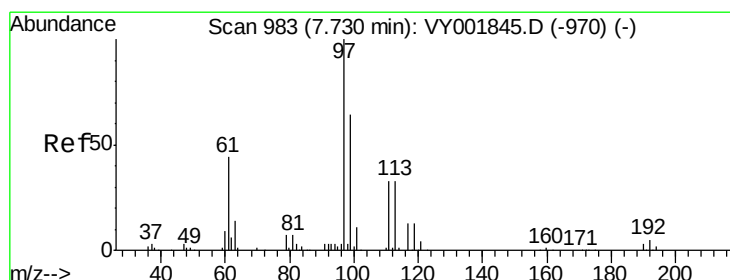
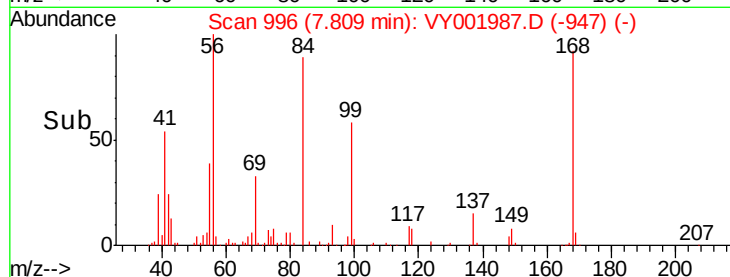
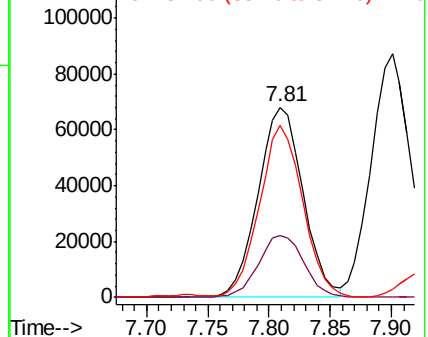
56 100

69 32.5 26.7 40.1

84 89.1 70.4 105.6



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: 52.281 ug/l

RT: 7.73 min Scan# 983

Delta R.T. 0.00 min

Lab File: VY001987.D

Acq: 16 Mar 2020 17:04

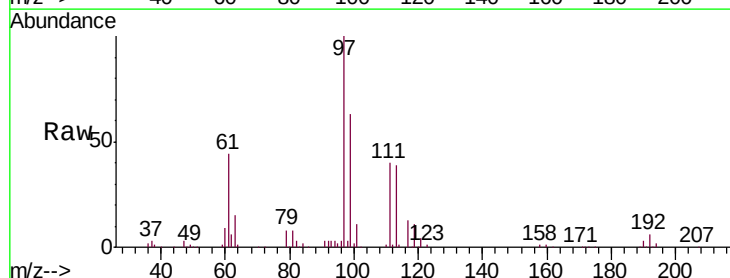
Tgt Ion: 97 Resp: 142112

Ion Ratio Lower Upper

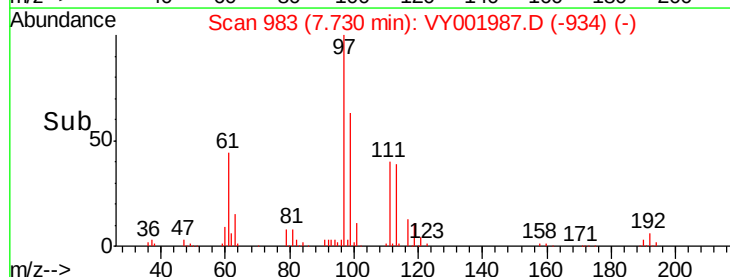
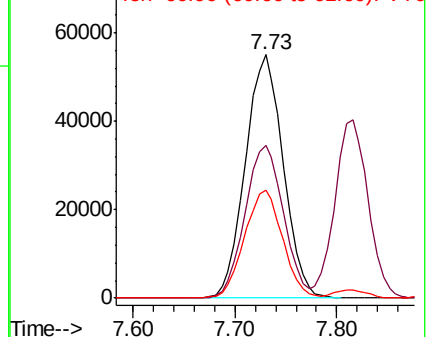
97 100

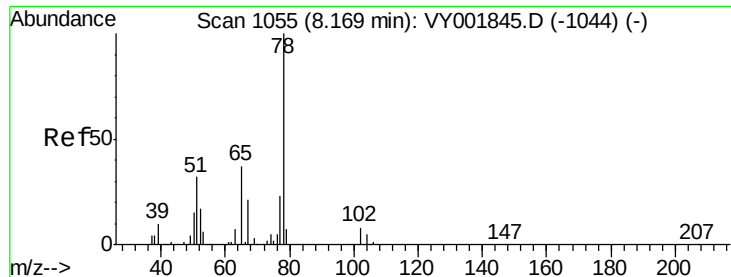
99 63.6 52.0 78.0

61 44.8 35.0 52.4



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

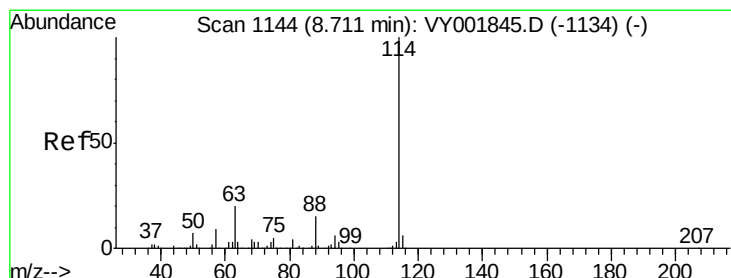
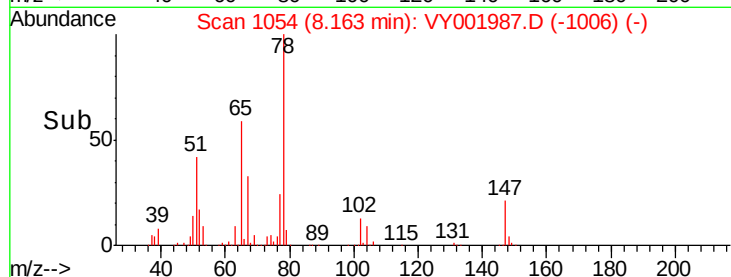
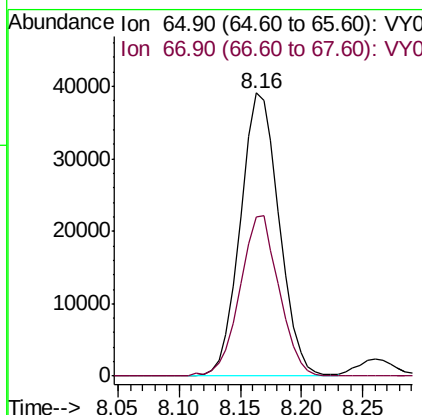
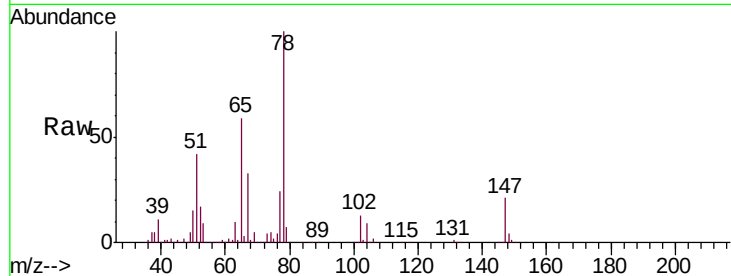




#33
 1,2-Dichloroethane-d4
 Concen: 51.519 ug/l
 RT: 8.16 min Scan# 1054
 Delta R.T. -0.01 min
 Lab File: VY001987.D
 Acq: 16 Mar 2020 17:04

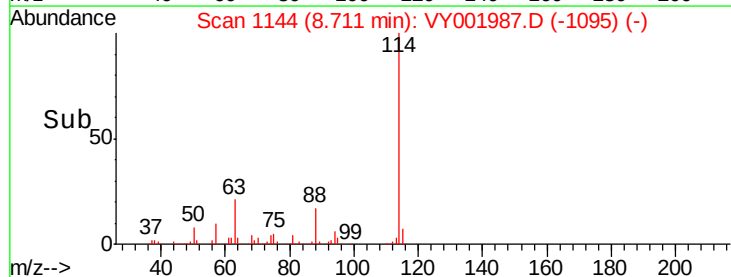
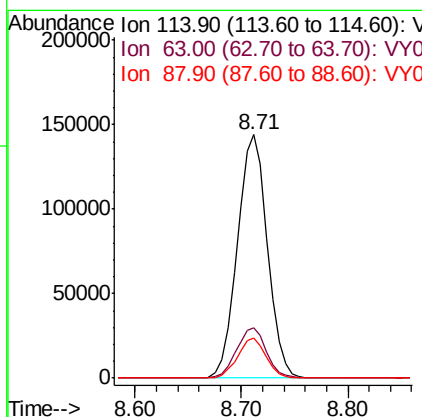
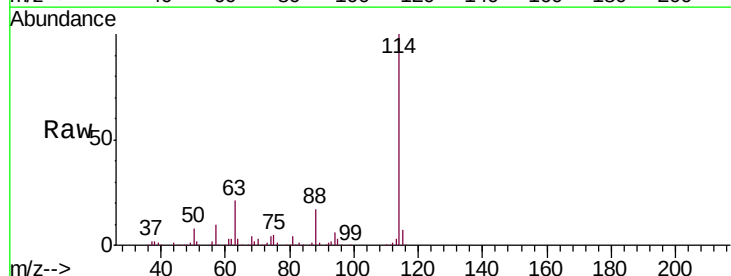
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

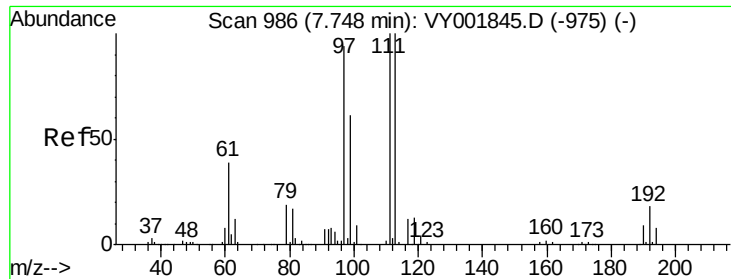
Tgt Ion: 65 Resp: 86290
 Ion Ratio Lower Upper
 65 100
 67 57.2 0.0 110.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1144
 Delta R.T. 0.00 min
 Lab File: VY001987.D
 Acq: 16 Mar 2020 17:04

Tgt Ion: 114 Resp: 284485
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 39.4
 88 16.6 0.0 30.4

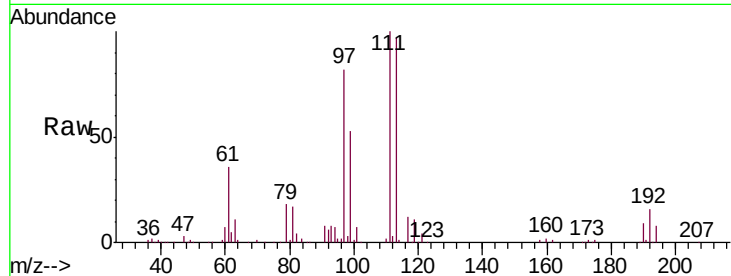




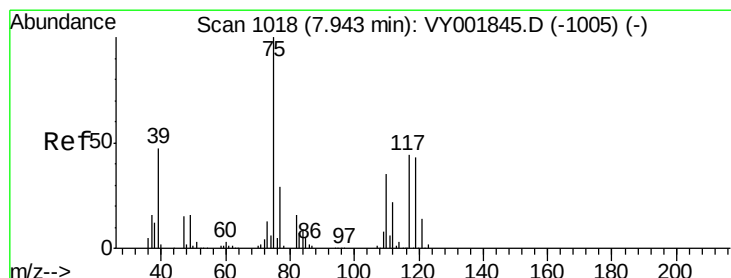
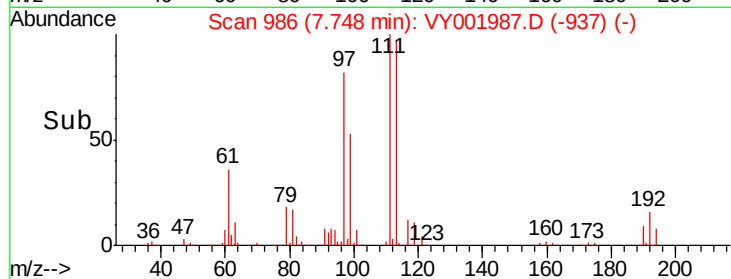
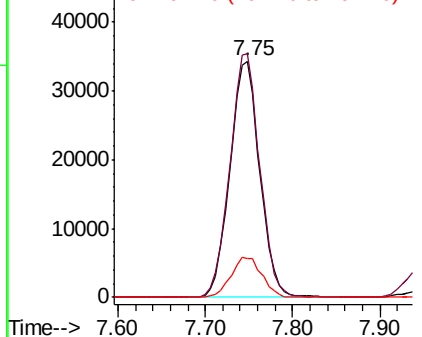
#35
 Dibromofluoromethane
 Concen: 52.401 ug/l
 RT: 7.75 min Scan# 986
 Delta R.T. 0.00 min
 Lab File: VY001987.D
 Acq: 16 Mar 2020 17:04

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 113 Resp: 81400
 Ion Ratio Lower Upper
 113 100
 111 103.5 81.8 122.8
 192 17.4 14.2 21.2

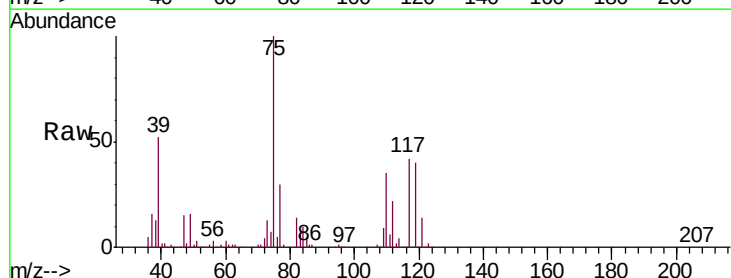


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

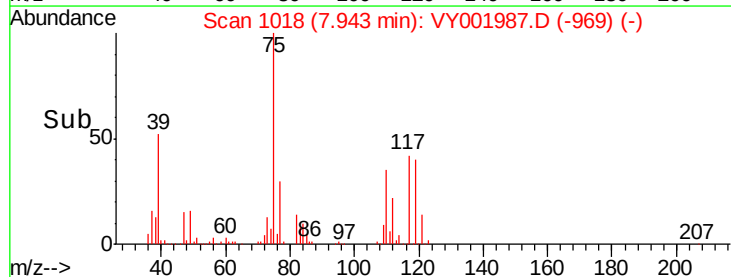
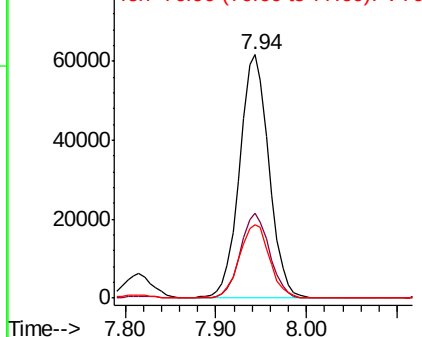


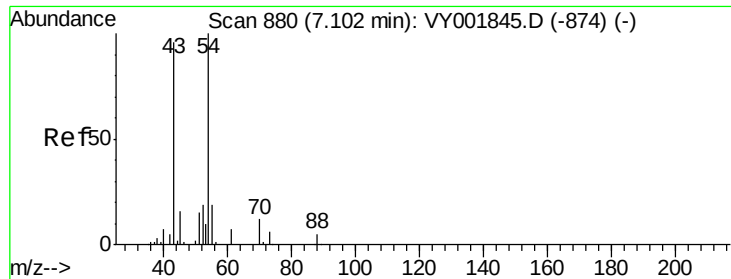
#36
 1,1-Dichloropropene
 Concen: 50.619 ug/l
 RT: 7.94 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: VY001987.D
 Acq: 16 Mar 2020 17:04

Tgt Ion: 75 Resp: 138575
 Ion Ratio Lower Upper
 75 100
 110 34.6 17.4 52.2
 77 31.2 24.2 36.2



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

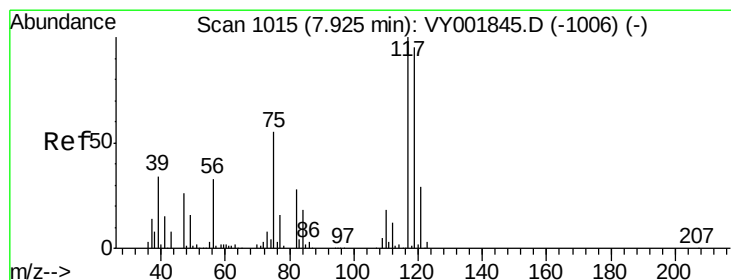
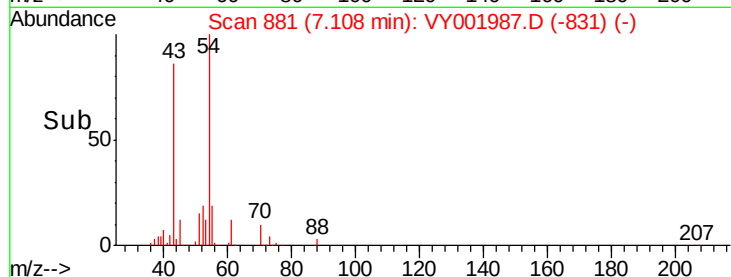
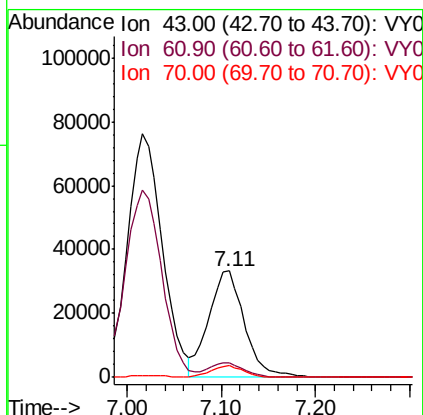
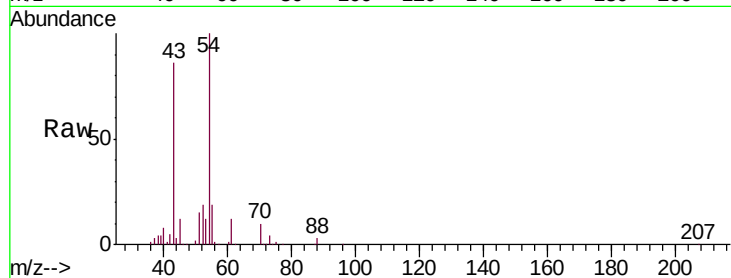




#37
Ethyl Acetate
Concen: 54.827 ug/l
RT: 7.11 min Scan# 881
Delta R.T. 0.01 min
Lab File: VY001987.D
Acq: 16 Mar 2020 17:04

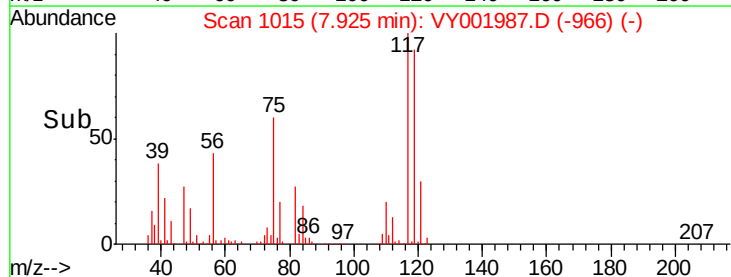
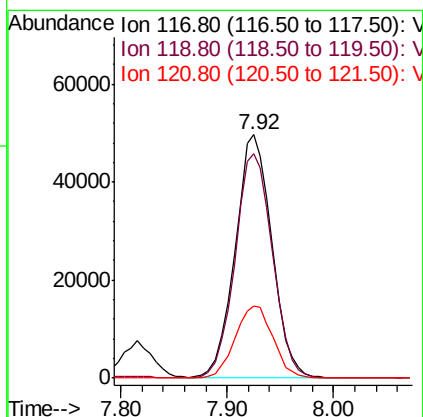
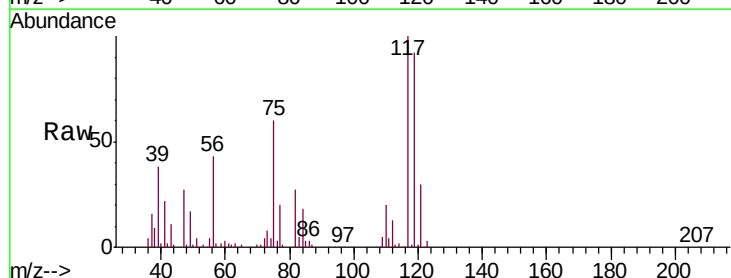
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

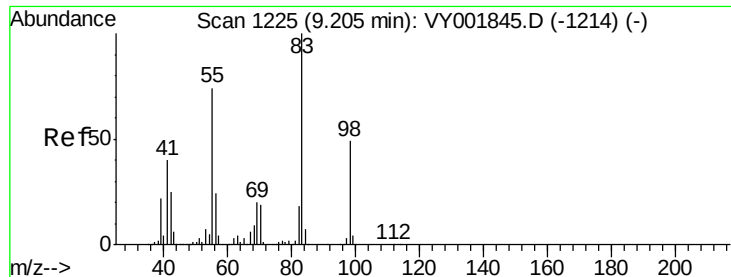
Tgt Ion: 43 Resp: 87235
Ion Ratio Lower Upper
43 100
61 13.5 11.1 16.7
70 10.2 8.2 12.4



#38
Carbon Tetrachloride
Concen: 51.356 ug/l
RT: 7.92 min Scan# 1015
Delta R.T. 0.00 min
Lab File: VY001987.D
Acq: 16 Mar 2020 17:04

Tgt Ion: 117 Resp: 120102
Ion Ratio Lower Upper
117 100
119 92.1 76.3 114.5
121 29.5 23.5 35.3

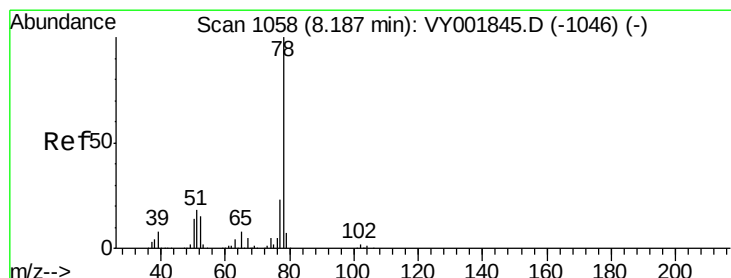
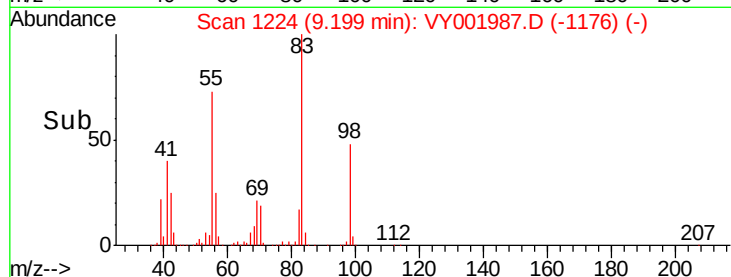
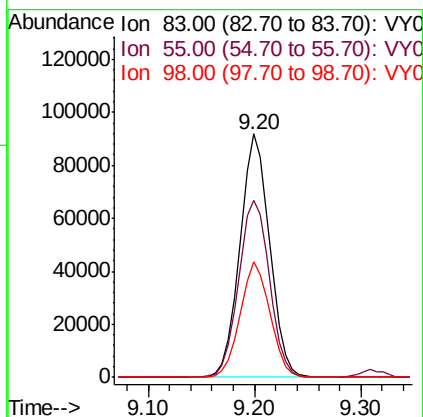
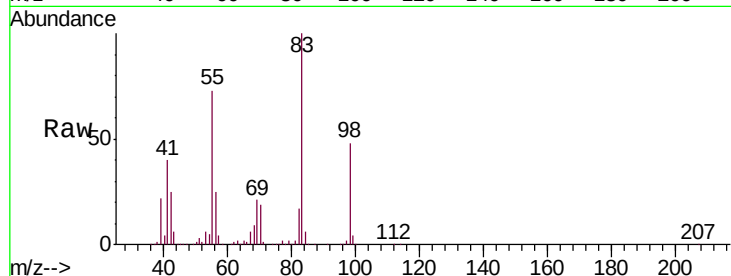




#39
Methylcyclohexane
Concen: 49.651 ug/l
RT: 9.20 min Scan# 1224
Delta R.T. -0.01 min
Lab File: VY001987.D
Acq: 16 Mar 2020 17:04

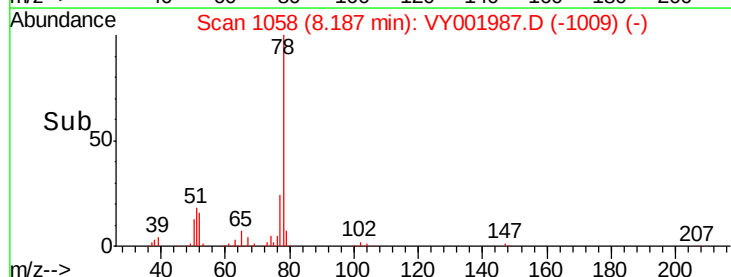
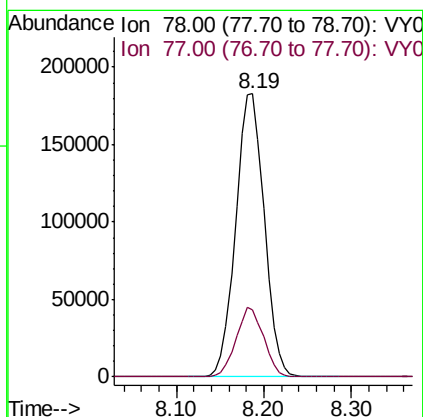
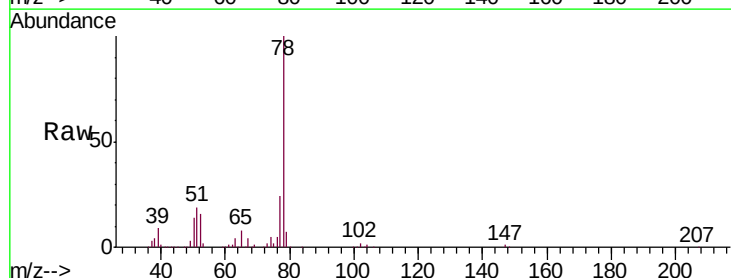
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

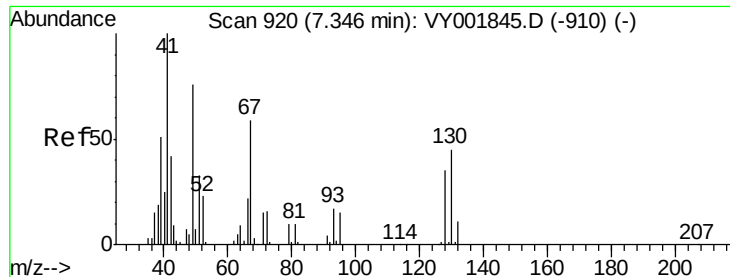
Tgt Ion: 83 Resp: 180281
Ion Ratio Lower Upper
83 100
55 72.6 59.4 89.0
98 47.7 38.9 58.3



#40
Benzene
Concen: 51.132 ug/l
RT: 8.19 min Scan# 1058
Delta R.T. 0.00 min
Lab File: VY001987.D
Acq: 16 Mar 2020 17:04

Tgt Ion: 78 Resp: 414900
Ion Ratio Lower Upper
78 100
77 23.7 18.7 28.1

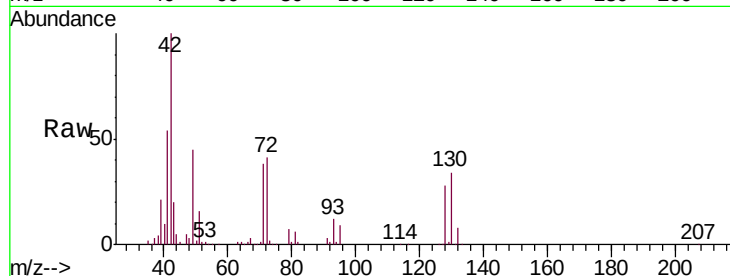




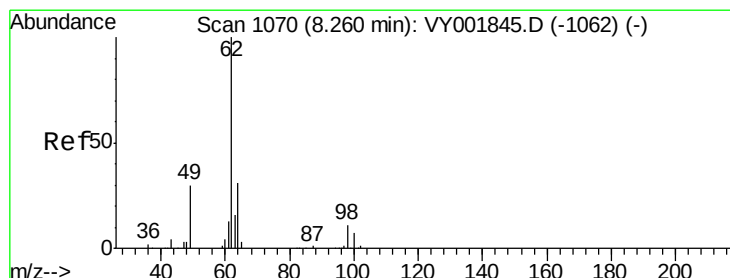
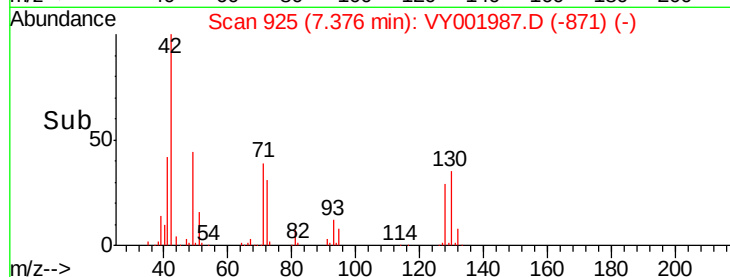
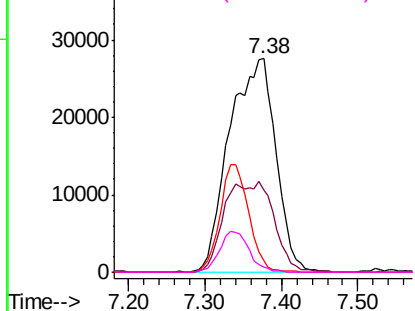
#41
Methacrylonitrile
Concen: 162.406 ug/l
RT: 7.38 min Scan# 925
Delta R.T. 0.03 min
Lab File: VY001987.D
Acq: 16 Mar 2020 17:04

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 116292
Ion Ratio Lower Upper
41 100
39 0.0 111.7 167.5#
67 0.0 0.0 0.0
52 0.0 0.0 0.0

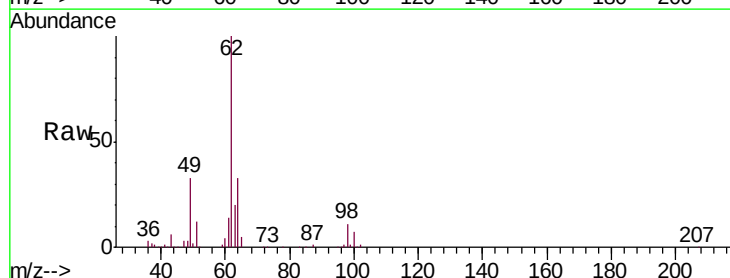


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

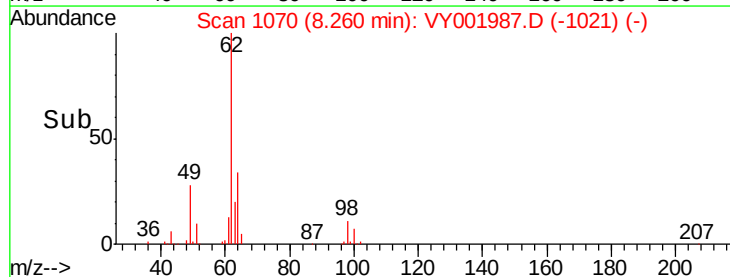
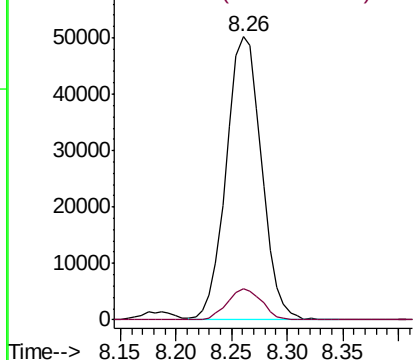


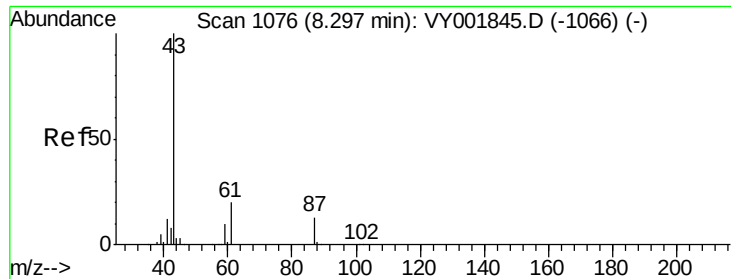
#42
1,2-Dichloroethane
Concen: 52.705 ug/l
RT: 8.26 min Scan# 1070
Delta R.T. 0.00 min
Lab File: VY001987.D
Acq: 16 Mar 2020 17:04

Tgt Ion: 62 Resp: 110201
Ion Ratio Lower Upper
62 100
98 10.9 0.0 21.4



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





#43

Isopropyl Acetate

Concen: 53.878 ug/l

RT: 8.30 min Scan# 1076

Delta R.T. 0.00 min

Lab File: VY001987.D

Acq: 16 Mar 2020 17:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

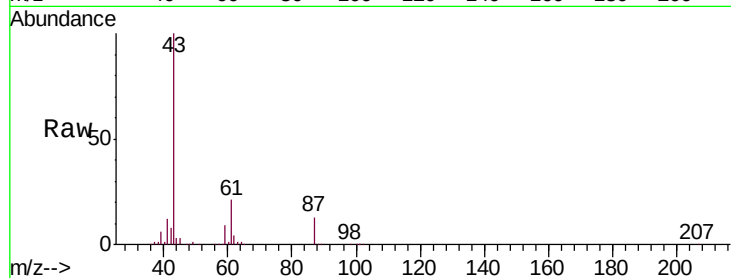
Tgt Ion: 43 Resp: 162301

Ion Ratio Lower Upper

43 100

61 29.2 23.8 35.6

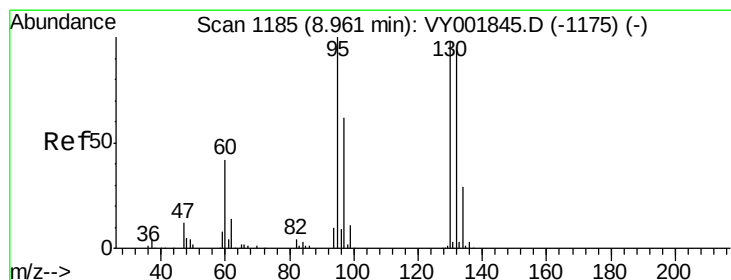
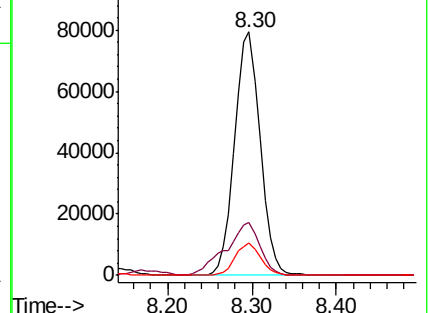
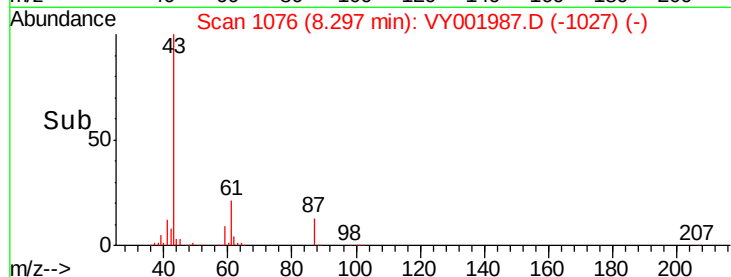
87 13.3 10.9 16.3



Abundance Ion 43.00 (42.70 to 43.70): VY001987.D (-1027) (-)

Ion 61.00 (60.70 to 61.70): VY001987.D (-1027) (-)

Ion 87.00 (86.70 to 87.70): VY001987.D (-1027) (-)



#44

Trichloroethene

Concen: 50.752 ug/l

RT: 8.96 min Scan# 1184

Delta R.T. -0.01 min

Lab File: VY001987.D

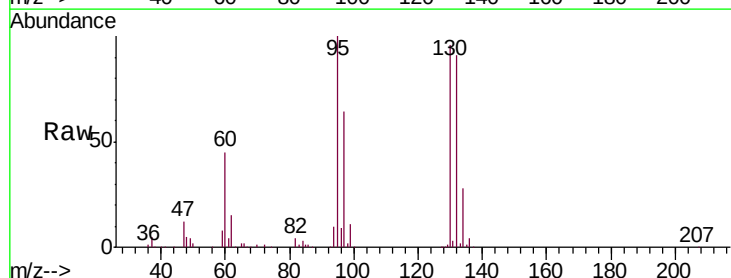
Acq: 16 Mar 2020 17:04

Tgt Ion: 130 Resp: 100295

Ion Ratio Lower Upper

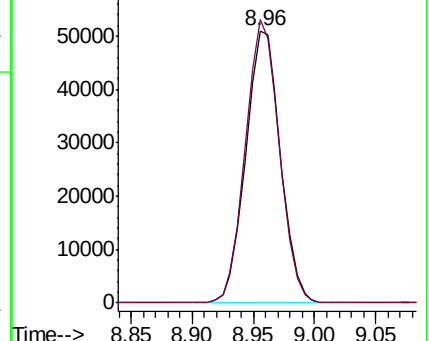
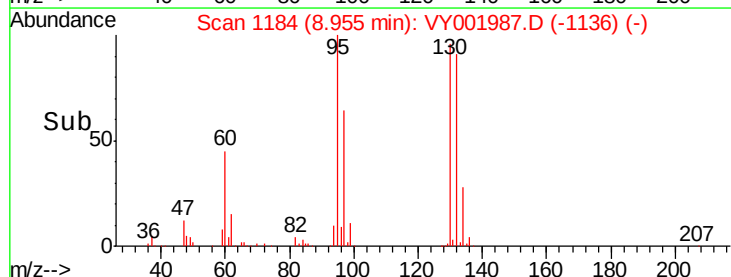
130 100

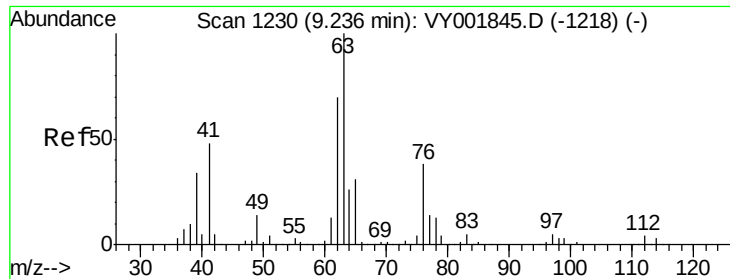
95 104.1 0.0 204.6



Abundance Ion 129.80 (129.50 to 130.50): VY001987.D (-1136) (-)

Ion 94.90 (94.60 to 95.60): VY001987.D (-1136) (-)

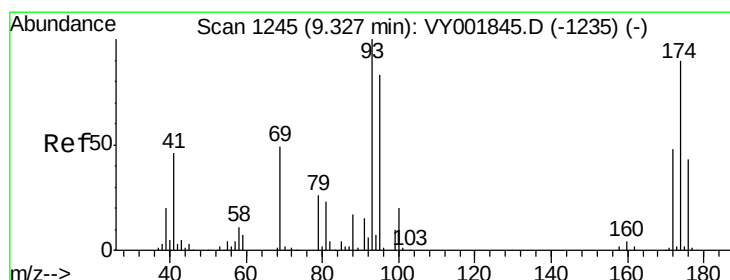
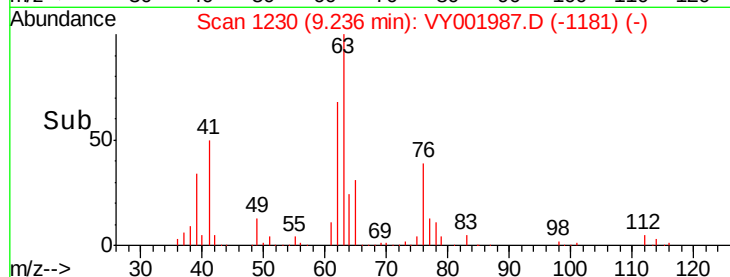
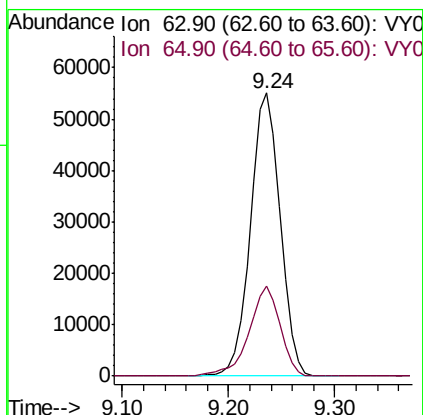
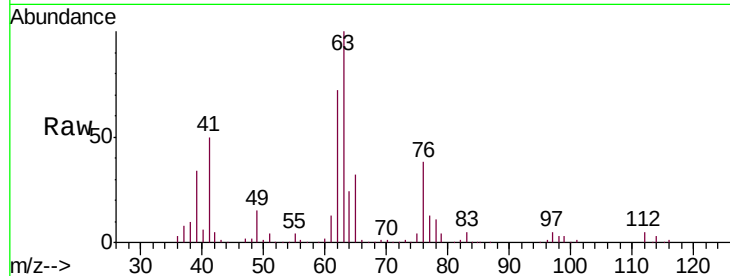




#45
 1,2-Dichloropropane
 Concen: 53.142 ug/l
 RT: 9.24 min Scan# 1230
 Delta R.T. 0.00 min
 Lab File: VY001987.D
 Acq: 16 Mar 2020 17:04

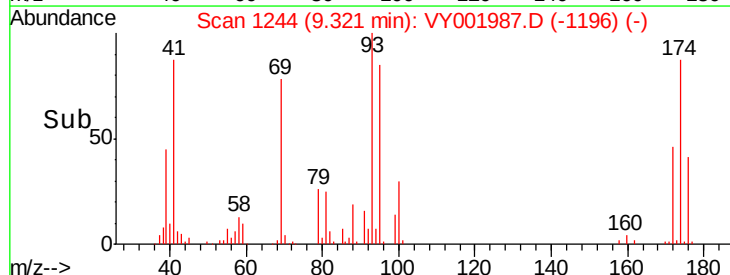
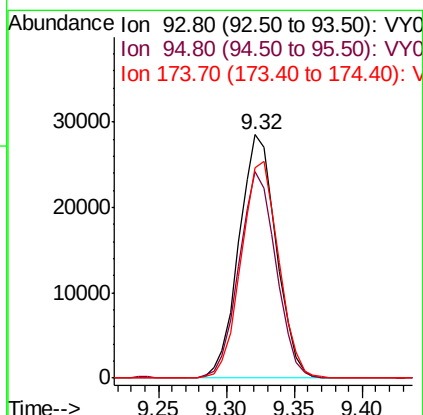
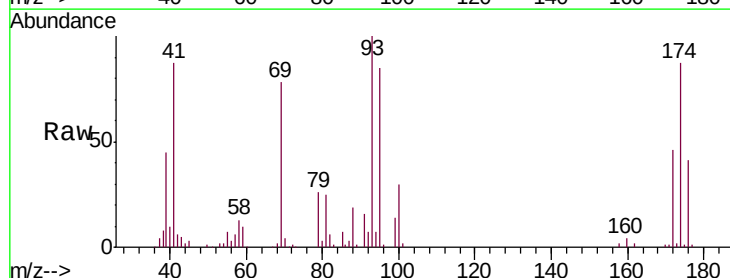
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

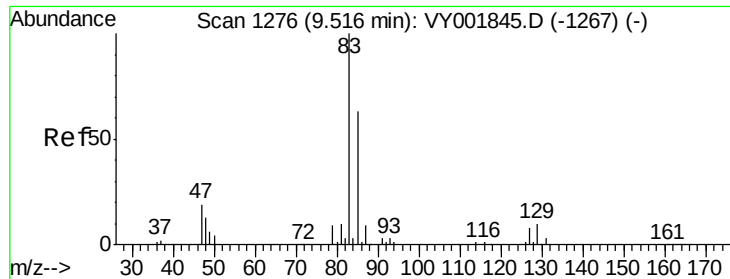
Tgt Ion: 63 Resp: 108398
 Ion Ratio Lower Upper
 63 100
 65 31.7 24.9 37.3



#46
 Dibromomethane
 Concen: 52.126 ug/l
 RT: 9.32 min Scan# 1244
 Delta R.T. -0.01 min
 Lab File: VY001987.D
 Acq: 16 Mar 2020 17:04

Tgt Ion: 93 Resp: 54792
 Ion Ratio Lower Upper
 93 100
 95 83.5 67.0 100.4
 174 89.0 71.8 107.8





#47

Bromodichloromethane

Concen: 54.129 ug/l

RT: 9.52 min Scan# 1276

Delta R.T. 0.00 min

Lab File: VY001987.D

Acq: 16 Mar 2020 17:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

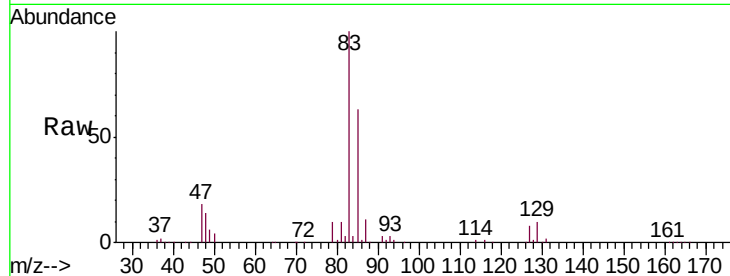
Tgt Ion: 83 Resp: 132355

Ion Ratio Lower Upper

83 100

85 63.1 50.6 76.0

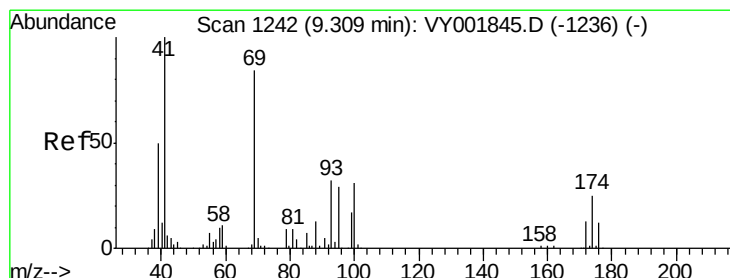
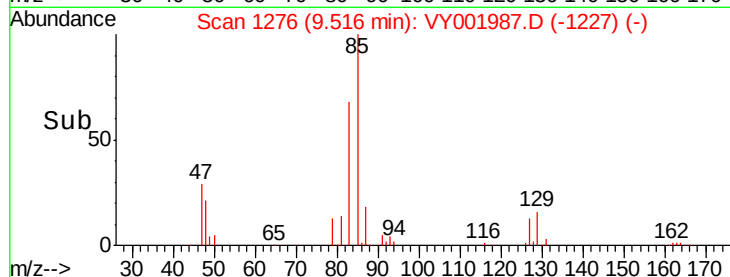
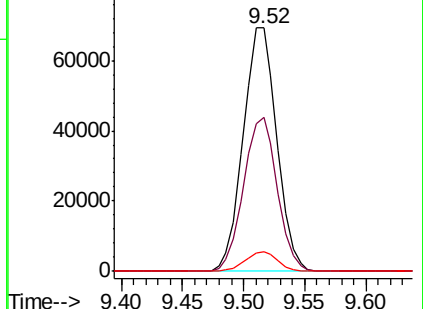
127 8.3 6.2 9.4



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: 55.150 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. 0.00 min

Lab File: VY001987.D

Acq: 16 Mar 2020 17:04

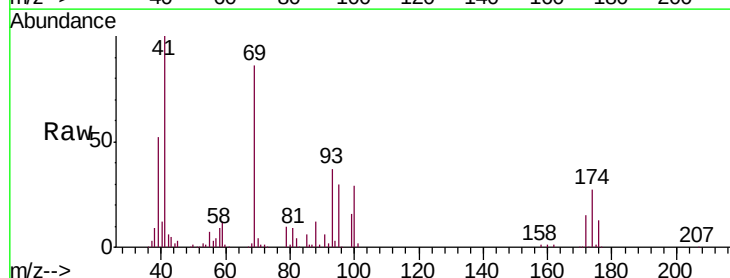
Tgt Ion: 41 Resp: 73718

Ion Ratio Lower Upper

41 100

69 87.7 69.0 103.6

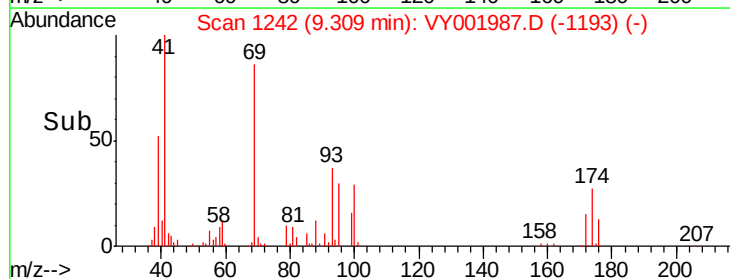
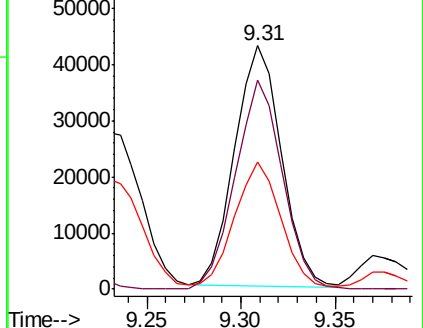
39 53.1 39.1 58.7

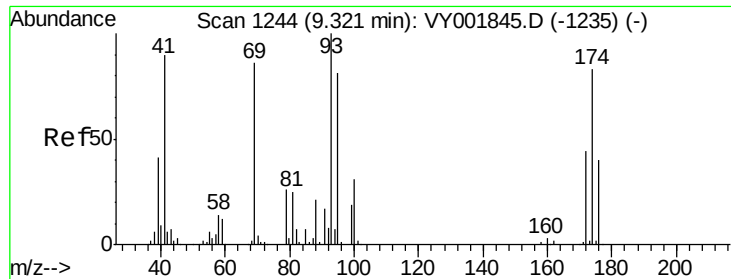


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 69.00 (68.70 to 69.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

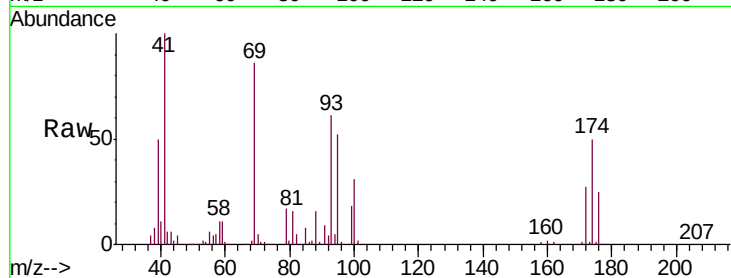




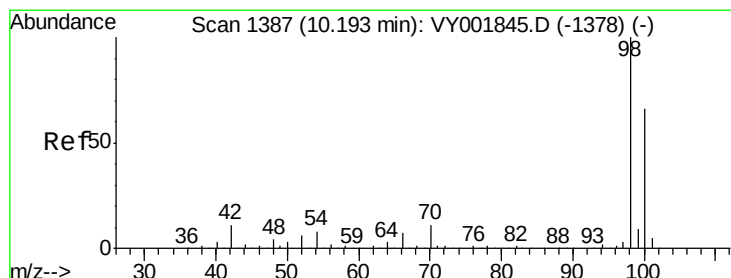
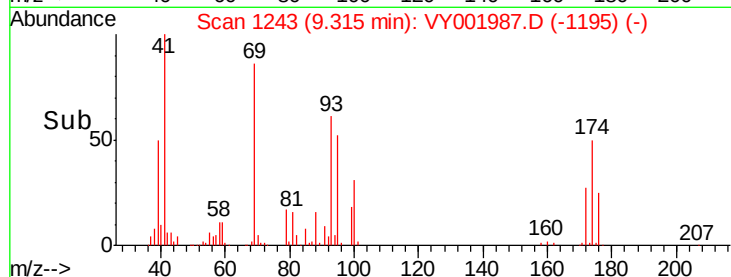
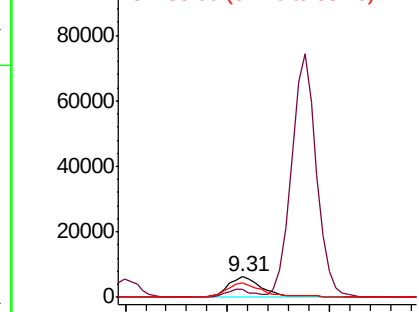
#49
1,4-Dioxane
Concen: 1048.712 ug/l
RT: 9.31 min Scan# 1243
Delta R.T. -0.01 min
Lab File: VY001987.D
Acq: 16 Mar 2020 17:04

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 88 Resp: 15105
Ion Ratio Lower Upper
88 100
43 27.1 25.0 37.6
58 67.2 58.9 88.3

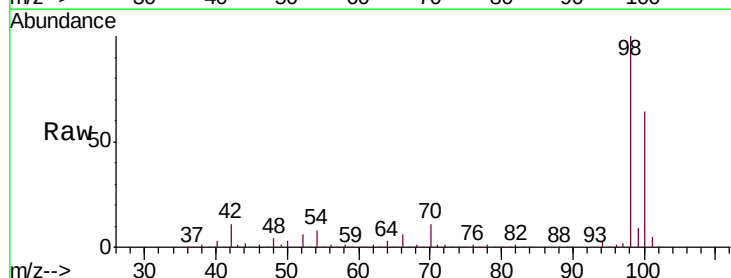


Abundance Ion 88.00 (87.70 to 88.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0

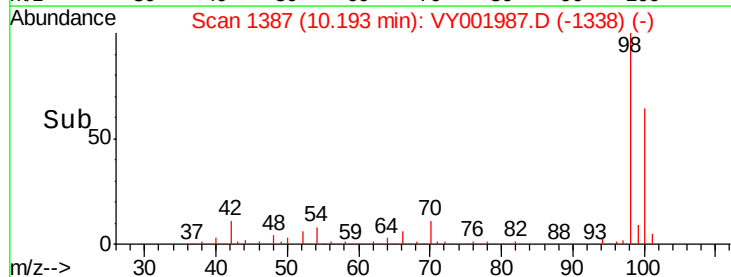
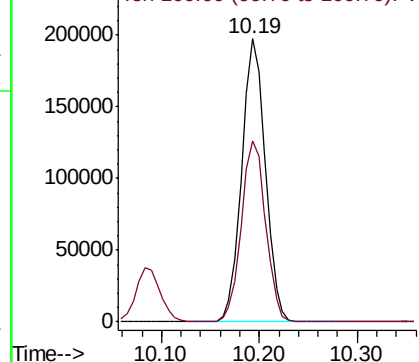


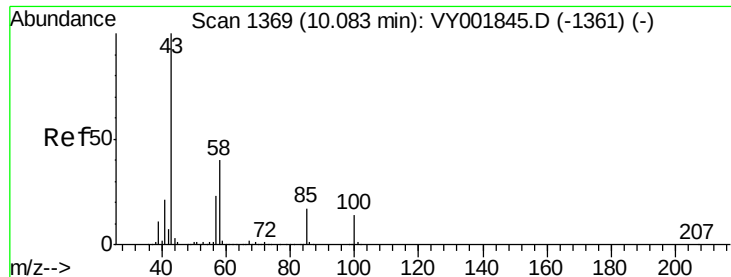
#50
Toluene-d8
Concen: 50.518 ug/l
RT: 10.19 min Scan# 1387
Delta R.T. 0.00 min
Lab File: VY001987.D
Acq: 16 Mar 2020 17:04

Tgt Ion: 98 Resp: 330919
Ion Ratio Lower Upper
98 100
100 65.7 53.0 79.4



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

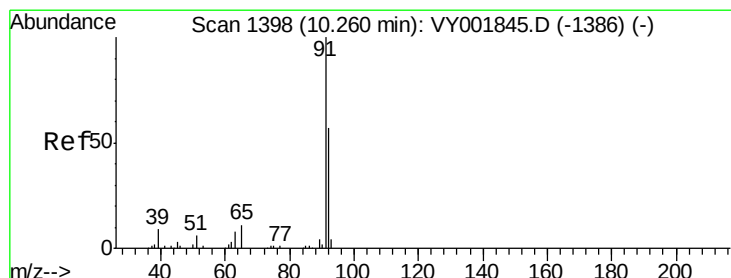
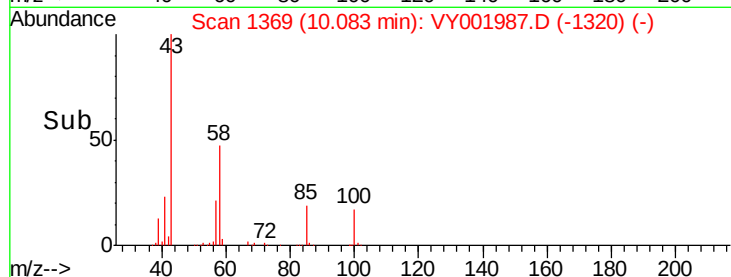
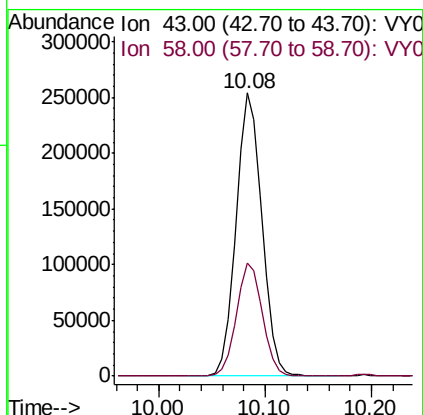
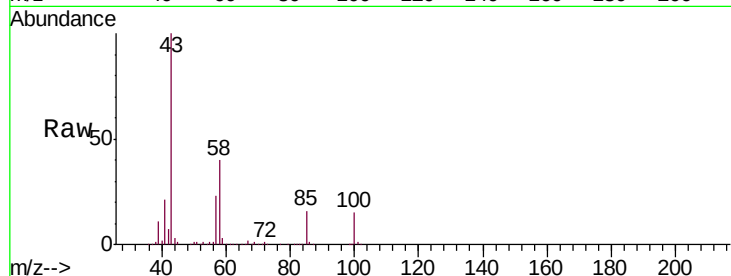




#51
 4-Methyl-2-Pentanone
 Concen: 279.642 ug/l
 RT: 10.08 min Scan# 1369
 Delta R.T. 0.00 min
 Lab File: VY001987.D
 Acq: 16 Mar 2020 17:04

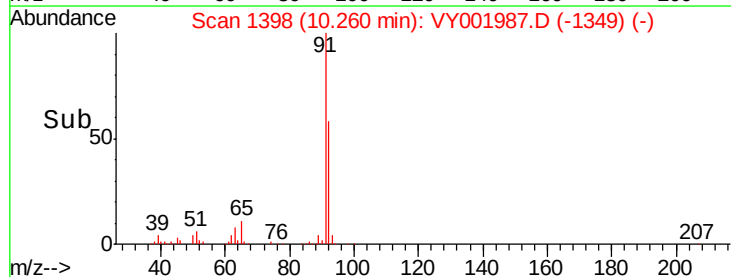
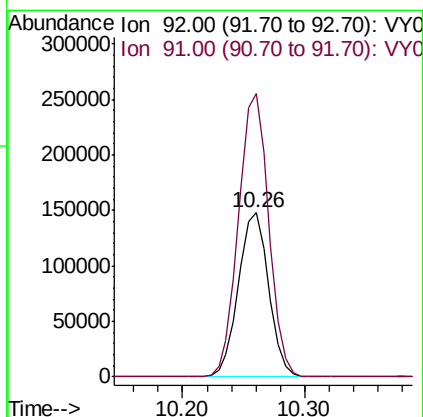
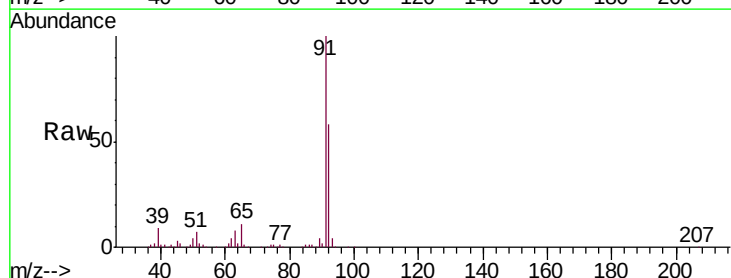
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

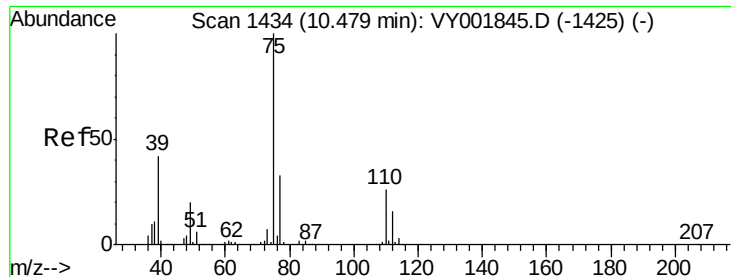
Tgt Ion: 43 Resp: 433893
 Ion Ratio Lower Upper
 43 100
 58 40.0 32.0 48.0



#52
 Toluene
 Concen: 51.447 ug/l
 RT: 10.26 min Scan# 1398
 Delta R.T. 0.00 min
 Lab File: VY001987.D
 Acq: 16 Mar 2020 17:04

Tgt Ion: 92 Resp: 253598
 Ion Ratio Lower Upper
 92 100
 91 172.3 138.6 208.0





#53

t-1,3-Dichloropropene

Concen: 53.697 ug/l

RT: 10.48 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VY001987.D

Acq: 16 Mar 2020 17:04

Instrument :

MSVOA_Y

ClientSampleId :

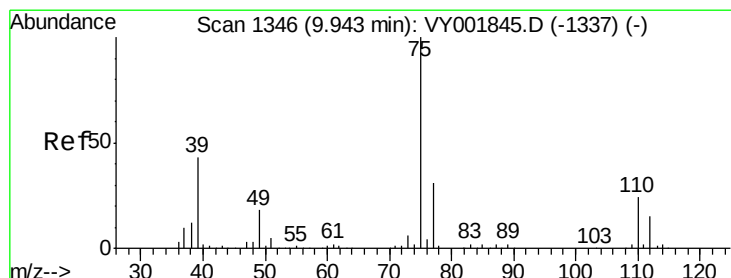
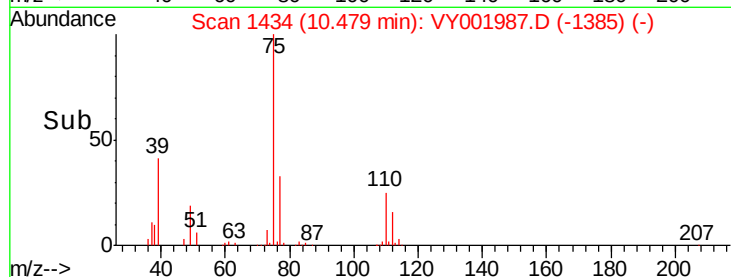
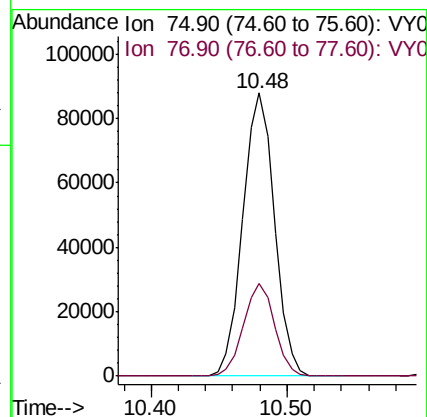
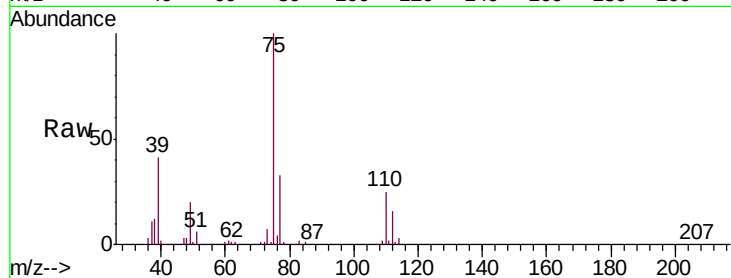
VSTDCCC050EC

Tgt Ion: 75 Resp: 143047

Ion Ratio Lower Upper

75 100

77 32.6 26.3 39.5



#54

cis-1,3-Dichloropropene

Concen: 52.728 ug/l

RT: 9.94 min Scan# 1346

Delta R.T. 0.00 min

Lab File: VY001987.D

Acq: 16 Mar 2020 17:04

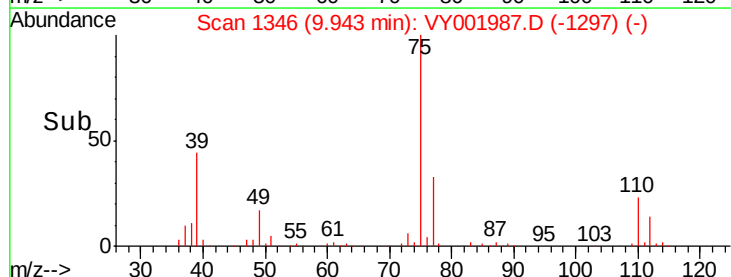
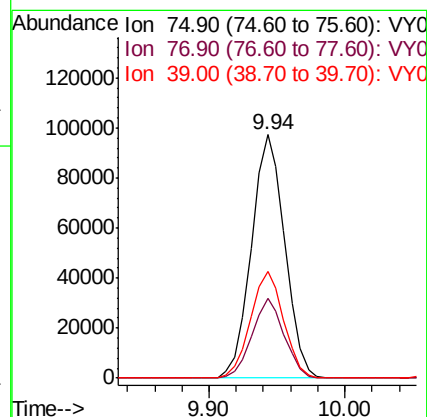
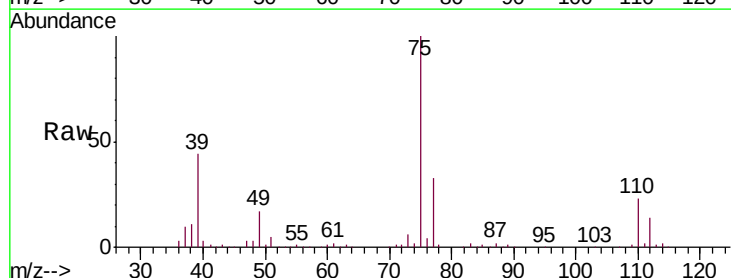
Tgt Ion: 75 Resp: 167219

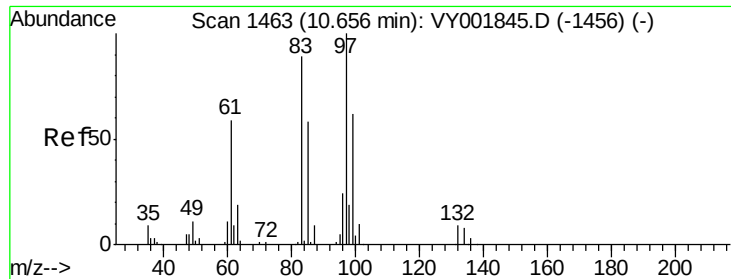
Ion Ratio Lower Upper

75 100

77 33.0 25.1 37.7

39 43.9 34.7 52.1

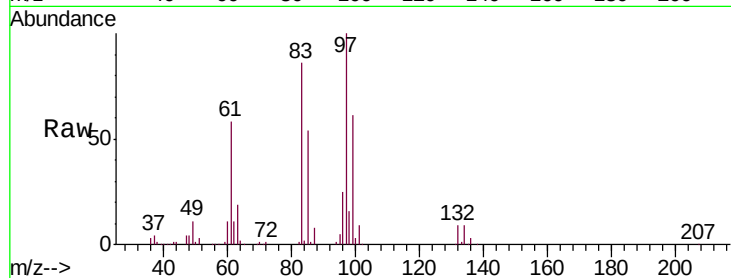




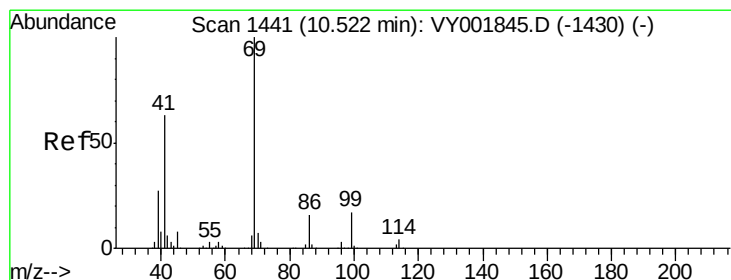
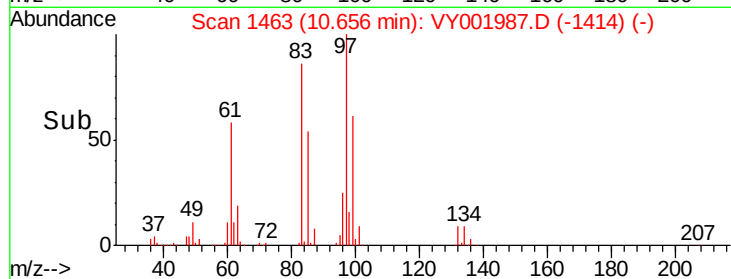
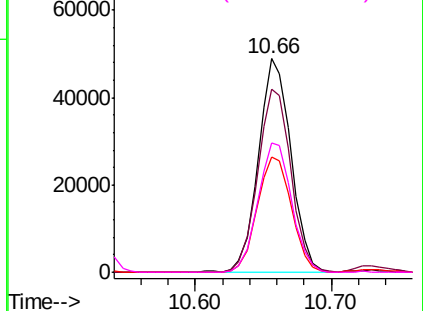
#55
 1,1,2-Trichloroethane
 Concen: 53.379 ug/l
 RT: 10.66 min Scan# 1463
 Delta R.T. 0.00 min
 Lab File: VY001987.D
 Acq: 16 Mar 2020 17:04

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 97 Resp: 82116
 Ion Ratio Lower Upper
 97 100
 83 85.7 71.6 107.4
 85 54.0 46.6 69.8
 99 60.5 49.8 74.6

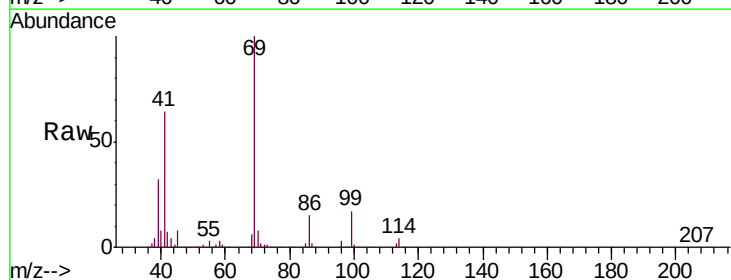


Abundance Ion 96.90 (96.60 to 97.60): VY0
 Ion 82.90 (82.60 to 83.60): VY0
 Ion 84.90 (84.60 to 85.60): VY0
 Ion 98.90 (98.60 to 99.60): VY0

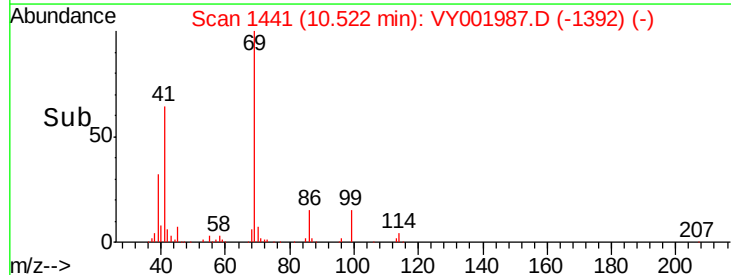
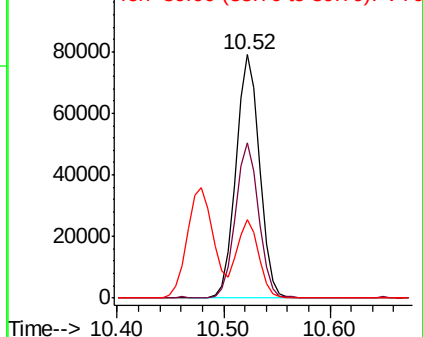


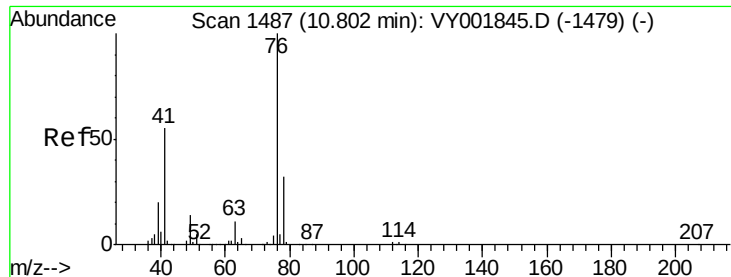
#56
 Ethyl methacrylate
 Concen: 54.524 ug/l
 RT: 10.52 min Scan# 1441
 Delta R.T. 0.00 min
 Lab File: VY001987.D
 Acq: 16 Mar 2020 17:04

Tgt Ion: 69 Resp: 122942
 Ion Ratio Lower Upper
 69 100
 41 62.9 49.9 74.9
 39 29.4 23.0 34.6



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: 52.900 ug/l

RT: 10.80 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VY001987.D

Acq: 16 Mar 2020 17:04

Instrument :

MSVOA_Y

ClientSampleId :

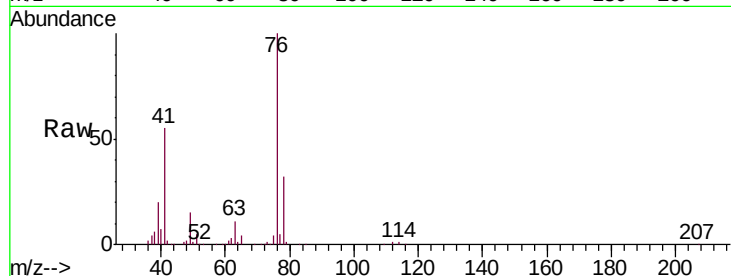
VSTDCCC050EC

Tgt Ion: 76 Resp: 145059

Ion Ratio Lower Upper

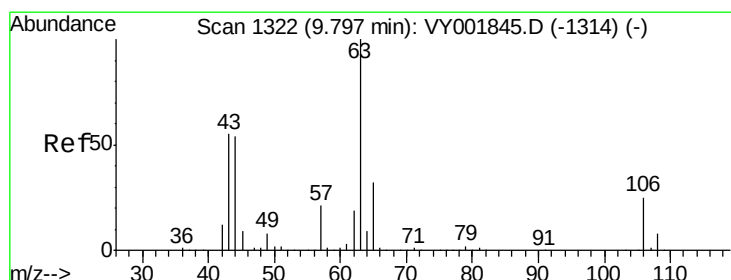
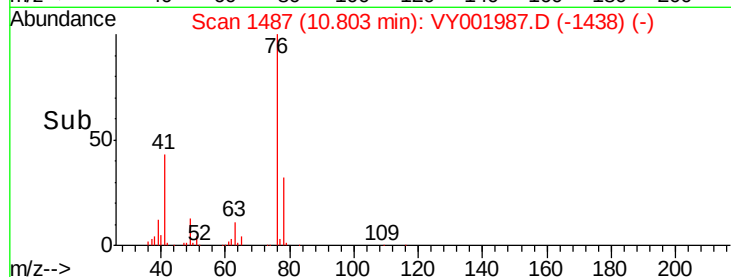
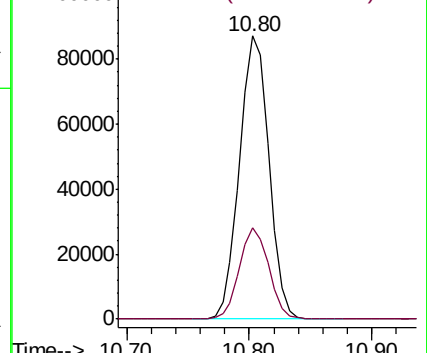
76 100

78 32.2 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: 257.017 ug/l

RT: 9.80 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VY001987.D

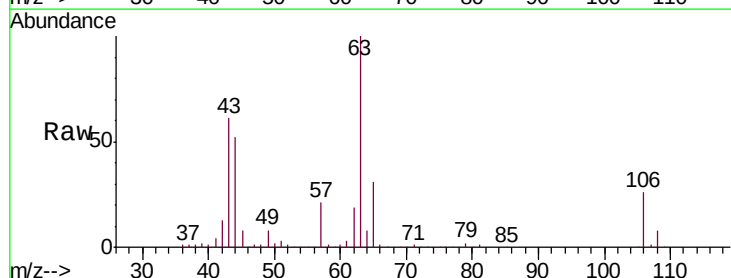
Acq: 16 Mar 2020 17:04

Tgt Ion: 63 Resp: 201881

Ion Ratio Lower Upper

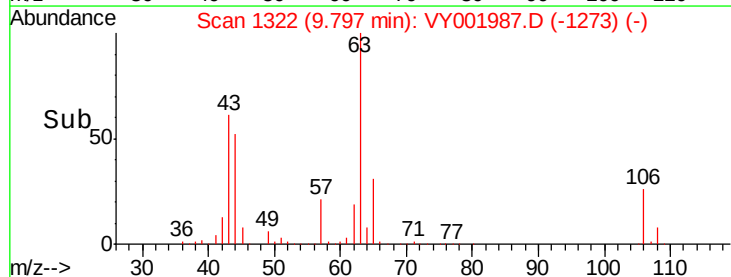
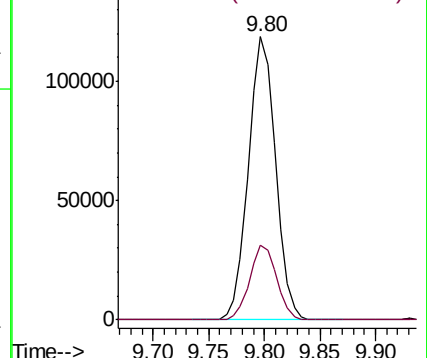
63 100

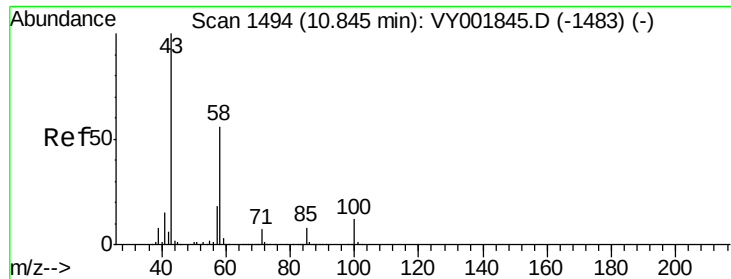
106 26.1 21.3 31.9



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

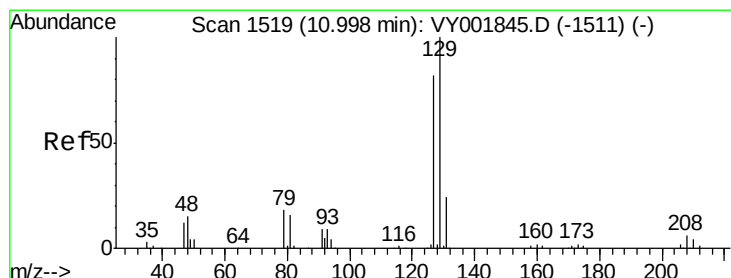
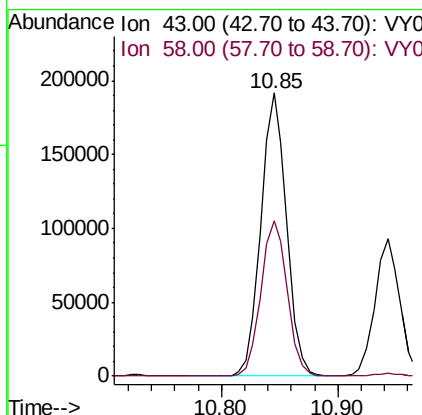
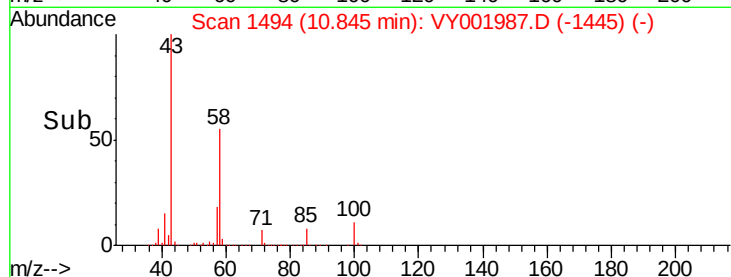
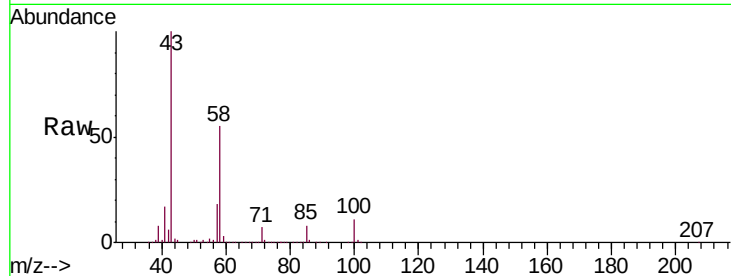




#59
2-Hexanone
Concen: 265.638 ug/l
RT: 10.85 min Scan# 1494
Delta R.T. 0.00 min
Lab File: VY001987.D
Acq: 16 Mar 2020 17:04

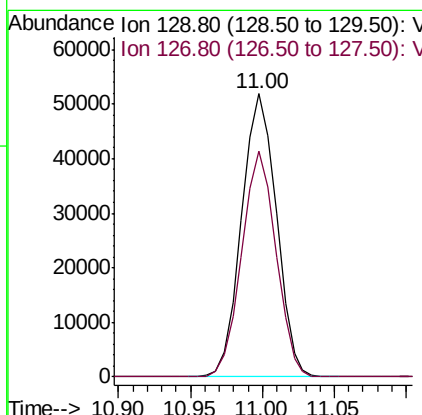
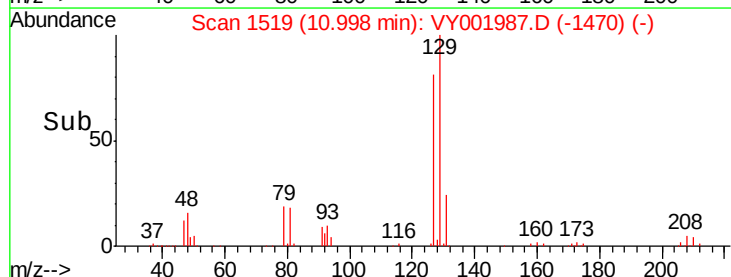
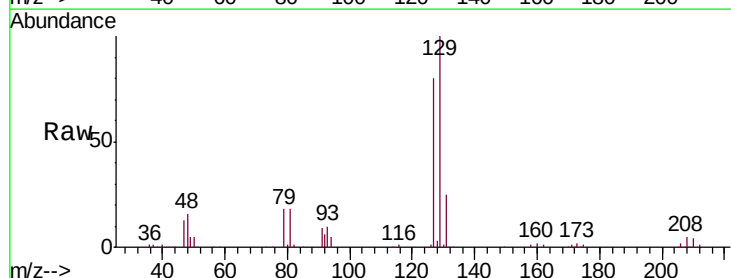
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

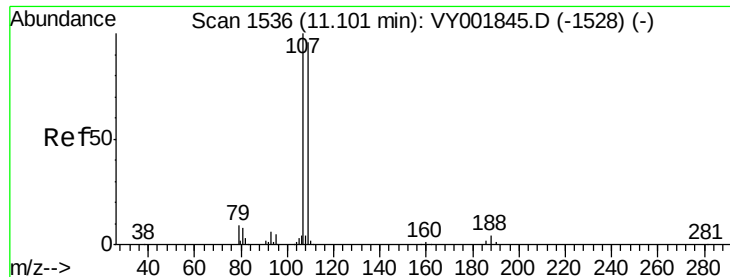
Tgt Ion: 43 Resp: 294184
Ion Ratio Lower Upper
43 100
58 56.3 28.1 84.3



#60
Dibromochloromethane
Concen: 53.703 ug/l
RT: 11.00 min Scan# 1519
Delta R.T. 0.00 min
Lab File: VY001987.D
Acq: 16 Mar 2020 17:04

Tgt Ion: 129 Resp: 87053
Ion Ratio Lower Upper
129 100
127 78.5 39.0 117.0





#61

1,2-Dibromoethane

Concen: 53.355 ug/l

RT: 11.10 min Scan# 1536

Delta R.T. 0.00 min

Lab File: VY001987.D

Acq: 16 Mar 2020 17:04

Instrument :

MSVOA_Y

ClientSampleId :

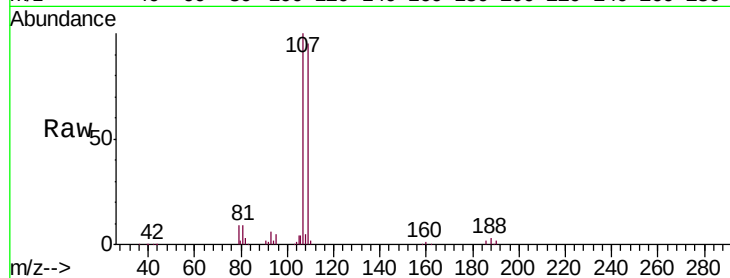
VSTDCCC050EC

Tgt Ion: 107 Resp: 77749

Ion Ratio Lower Upper

107 100

109 93.0 75.4 113.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.10

50000

40000

30000

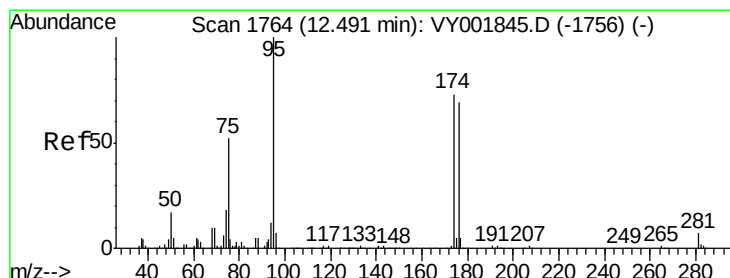
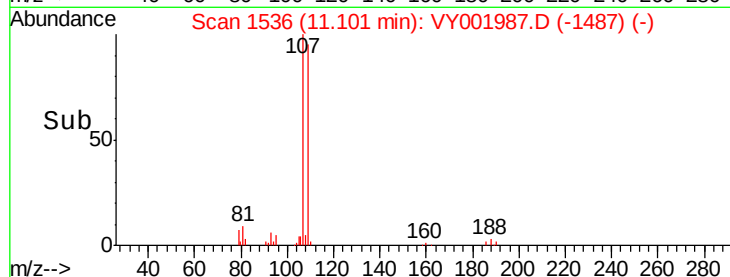
20000

10000

0

Time-->

11.05 11.10 11.15



#62

4-Bromofluorobenzene

Concen: 50.539 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.00 min

Lab File: VY001987.D

Acq: 16 Mar 2020 17:04

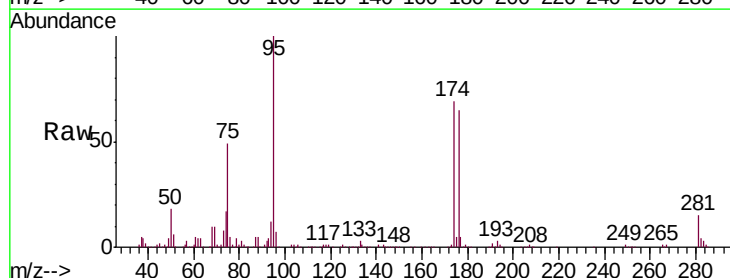
Tgt Ion: 95 Resp: 115112

Ion Ratio Lower Upper

95 100

174 72.6 0.0 145.0

176 68.9 0.0 137.4



Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

100000

80000

60000

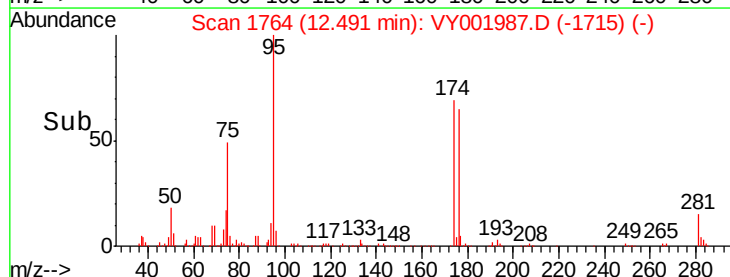
40000

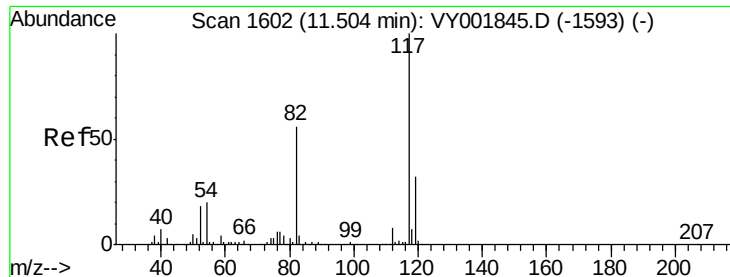
20000

0

Time-->

12.45 12.50 12.55

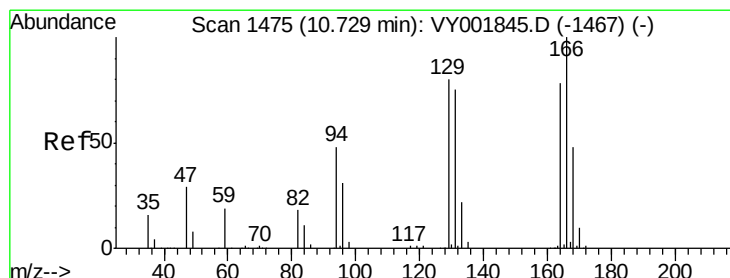
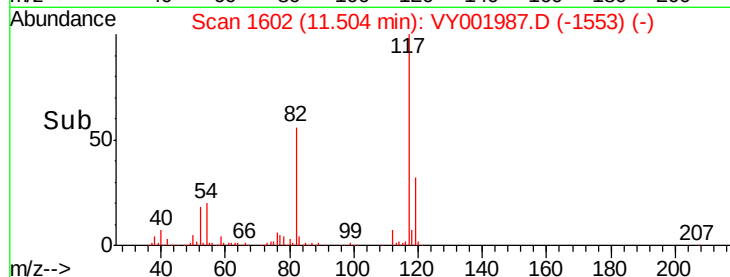
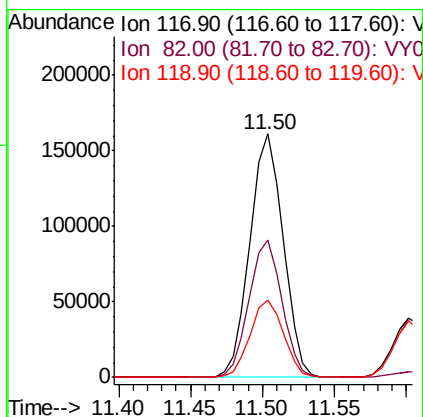
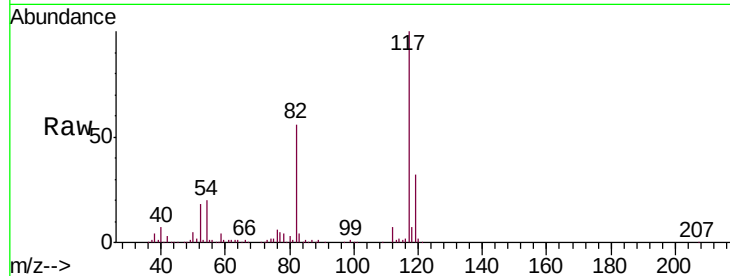




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.00 min
Lab File: VY001987.D
Acq: 16 Mar 2020 17:04

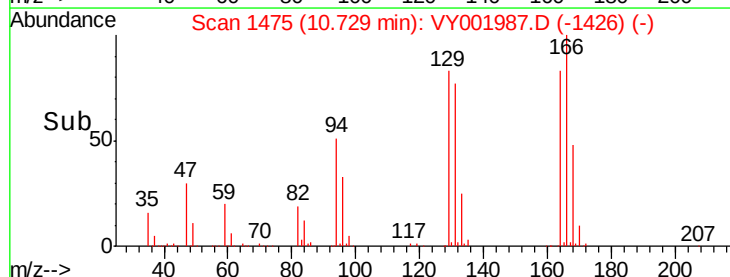
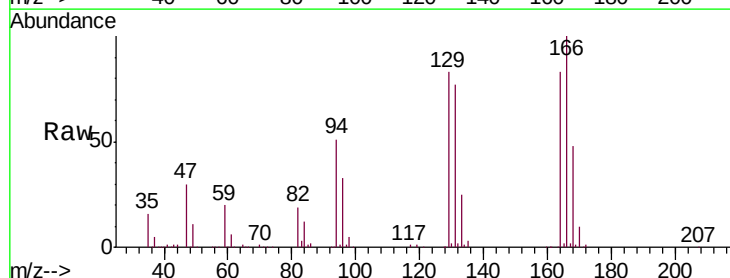
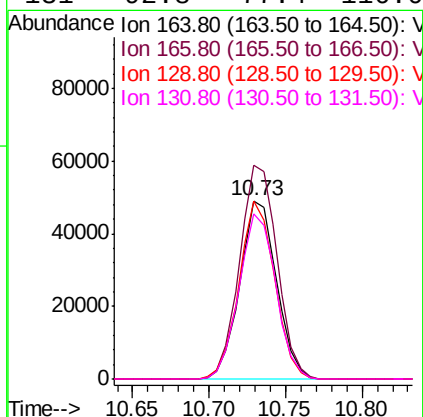
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

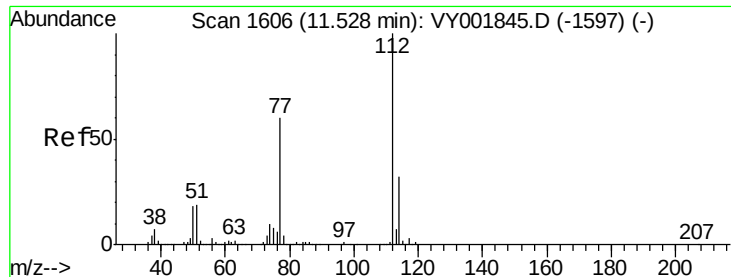
Tgt Ion:117 Resp: 257692
Ion Ratio Lower Upper
117 100
82 56.5 44.5 66.7
119 31.8 25.7 38.5



#64
Tetrachloroethene
Concen: 50.454 ug/l
RT: 10.73 min Scan# 1475
Delta R.T. 0.00 min
Lab File: VY001987.D
Acq: 16 Mar 2020 17:04

Tgt Ion:164 Resp: 81535
Ion Ratio Lower Upper
164 100
166 120.0 102.6 154.0
129 99.8 82.3 123.5
131 92.8 77.4 116.0

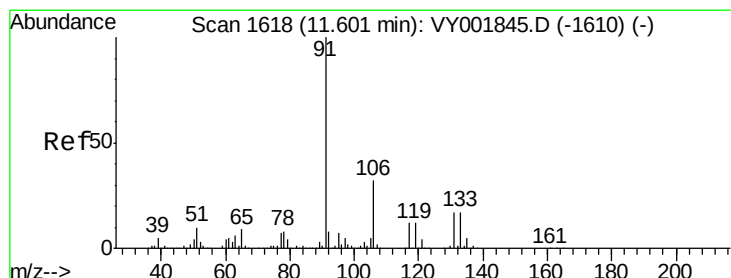
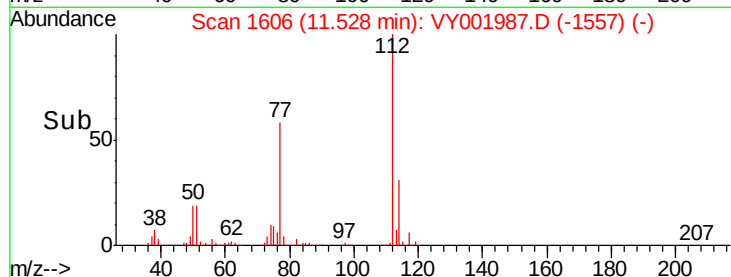
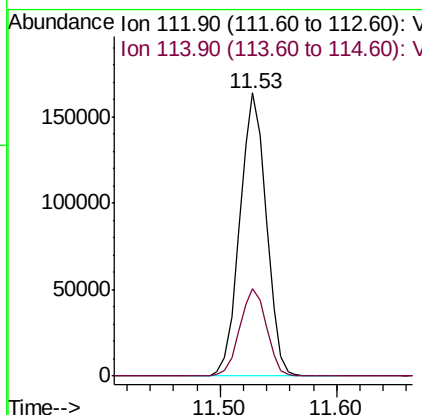
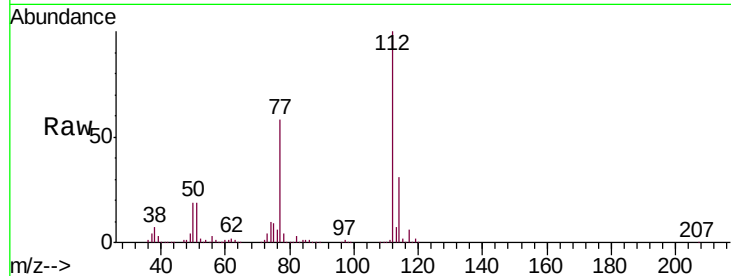




#65
Chlorobenzene
Concen: 50.661 ug/l
RT: 11.53 min Scan# 1606
Delta R.T. 0.00 min
Lab File: VY001987.D
Acq: 16 Mar 2020 17:04

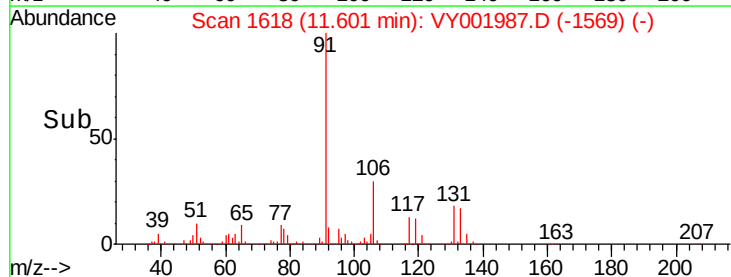
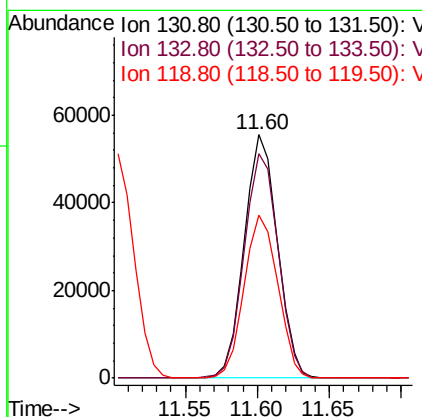
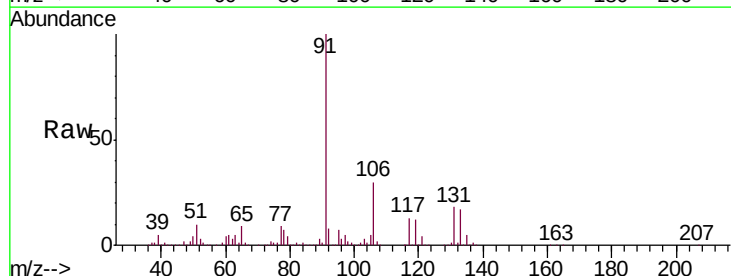
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

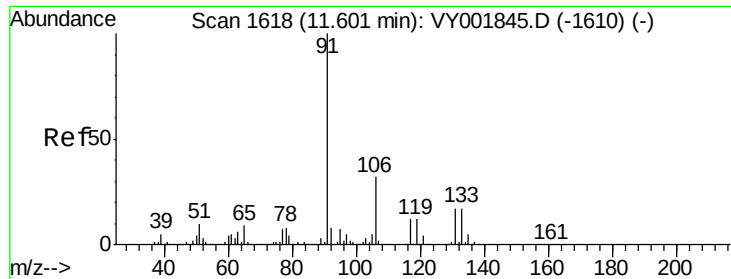
Tgt Ion:112 Resp: 260127
Ion Ratio Lower Upper
112 100
114 31.0 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 52.682 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VY001987.D
Acq: 16 Mar 2020 17:04

Tgt Ion:131 Resp: 88707
Ion Ratio Lower Upper
131 100
133 94.4 47.1 141.3
119 68.0 34.5 103.6

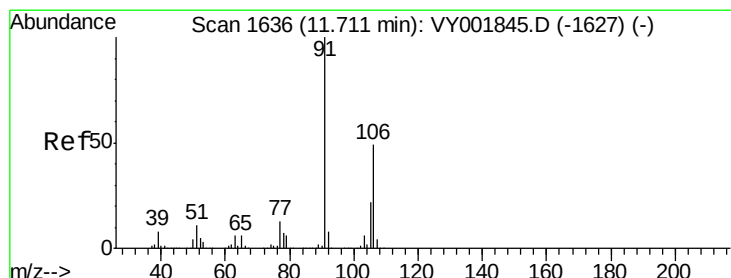
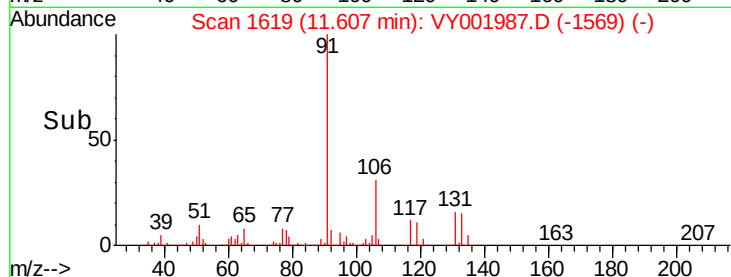
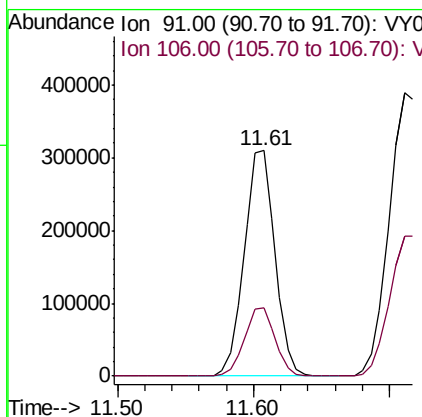
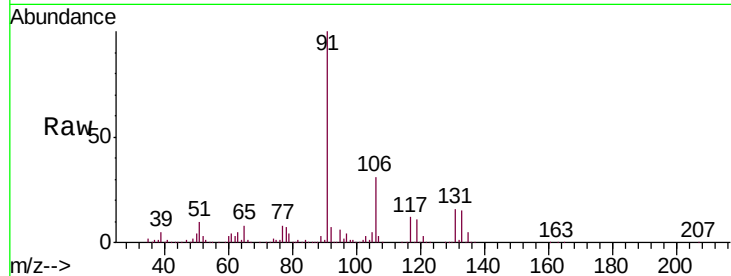




#67
Ethyl Benzene
Concen: 51.073 ug/l
RT: 11.61 min Scan# 1619
Delta R.T. 0.01 min
Lab File: VY001987.D
Acq: 16 Mar 2020 17:04

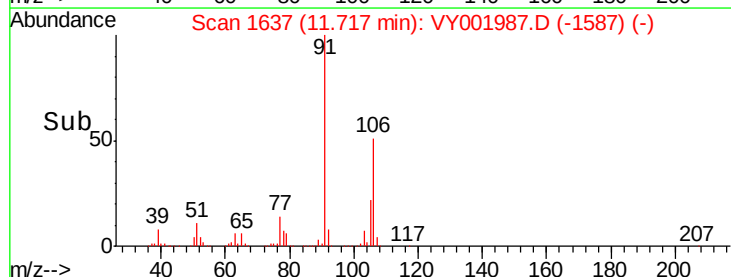
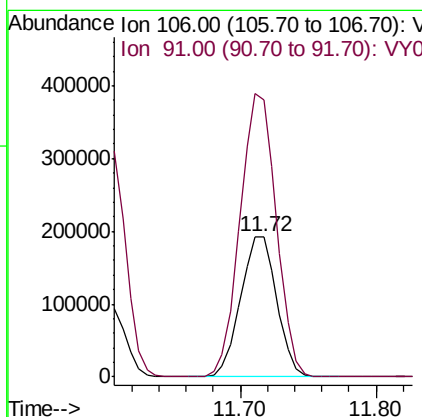
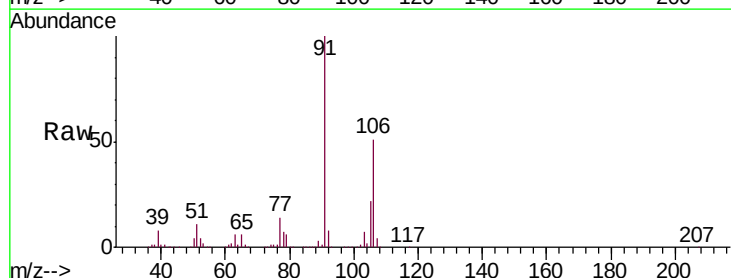
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

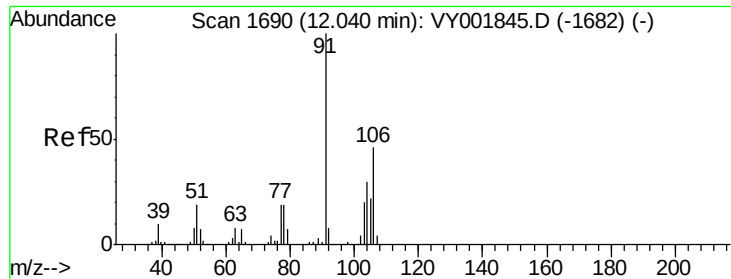
Tgt Ion: 91 Resp: 489075
Ion Ratio Lower Upper
91 100
106 30.6 25.4 38.2



#68
m/p-Xylenes
Concen: 101.550 ug/l
RT: 11.72 min Scan# 1637
Delta R.T. 0.01 min
Lab File: VY001987.D
Acq: 16 Mar 2020 17:04

Tgt Ion: 106 Resp: 359524
Ion Ratio Lower Upper
106 100
91 201.0 161.3 241.9

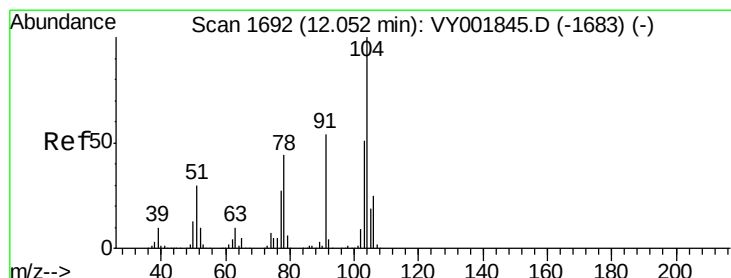
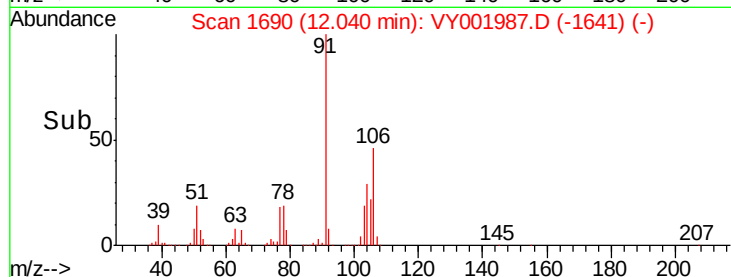
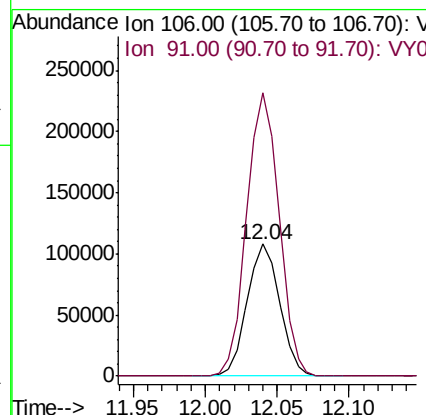
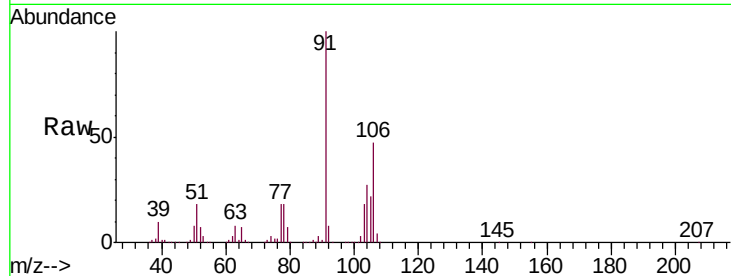




#69
o-Xylene
Concen: 50.621 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY001987.D
Acq: 16 Mar 2020 17:04

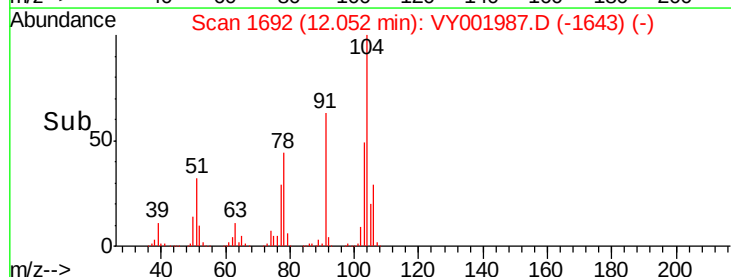
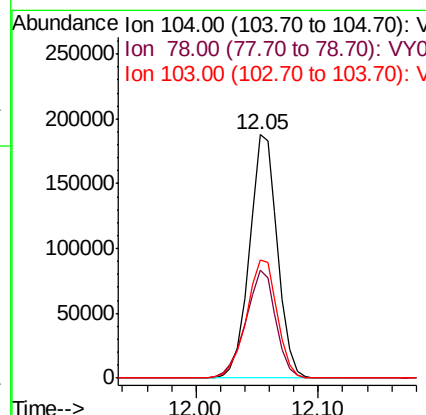
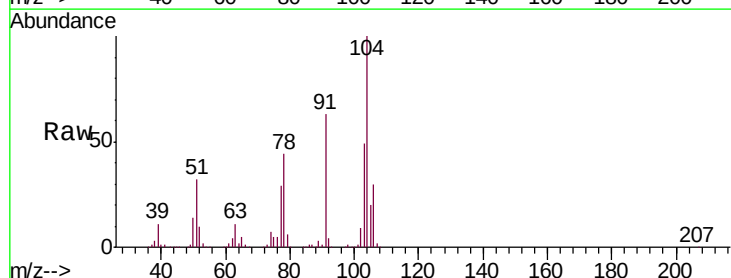
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

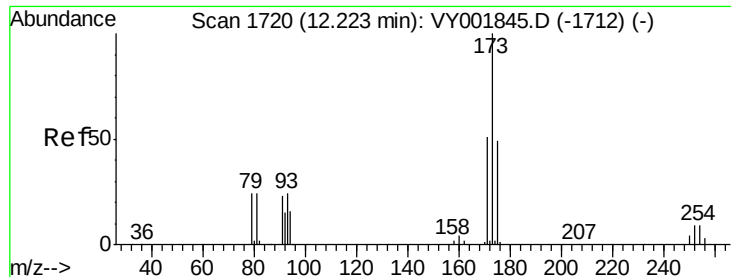
Tgt Ion:106 Resp: 168916
Ion Ratio Lower Upper
106 100
91 214.1 106.8 320.4



#70
Styrene
Concen: 51.932 ug/l
RT: 12.05 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VY001987.D
Acq: 16 Mar 2020 17:04

Tgt Ion:104 Resp: 296801
Ion Ratio Lower Upper
104 100
78 47.7 38.5 57.7
103 53.6 42.9 64.3





#71

Bromoform

Concen: 54.842 ug/l

RT: 12.22 min Scan# 1719

Delta R.T. -0.01 min

Lab File: VY001987.D

Acq: 16 Mar 2020 17:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

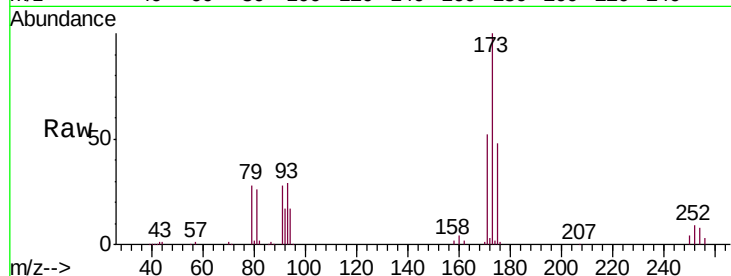
Tgt Ion:173 Resp: 50079

Ion Ratio Lower Upper

173 100

175 47.6 24.3 72.8

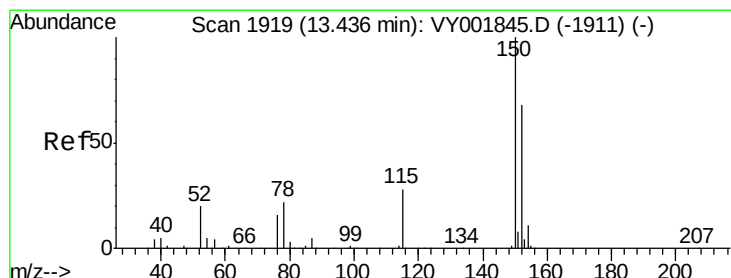
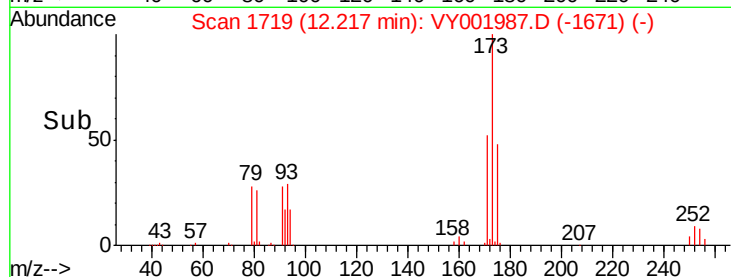
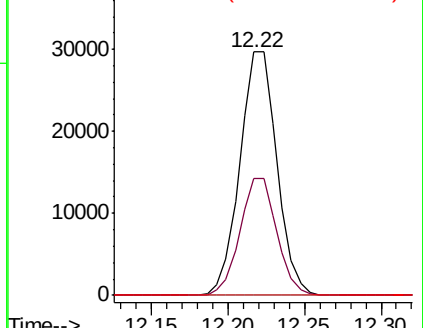
254 0.0 0.0 0.0



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: 13.44 min Scan# 1919

Delta R.T. 0.00 min

Lab File: VY001987.D

Acq: 16 Mar 2020 17:04

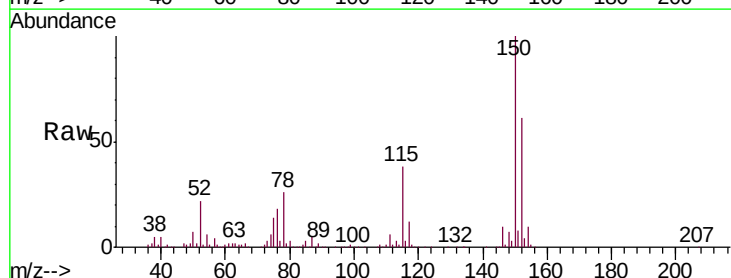
Tgt Ion:152 Resp: 115623

Ion Ratio Lower Upper

152 100

115 60.4 29.9 89.7

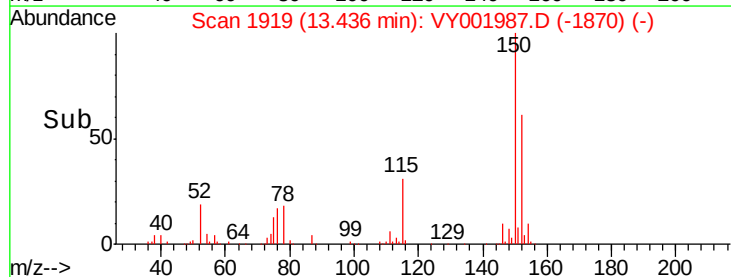
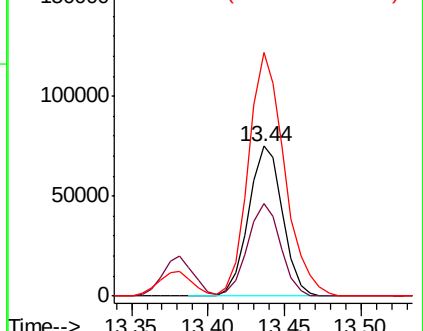
150 172.4 0.0 340.6

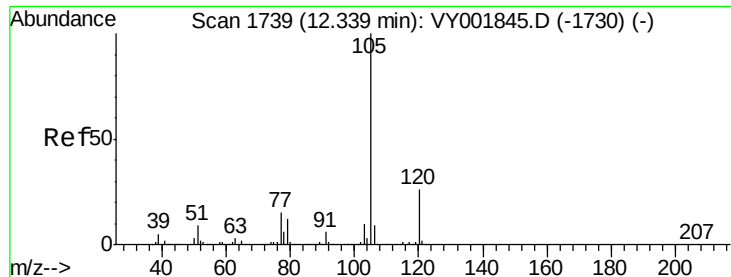


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

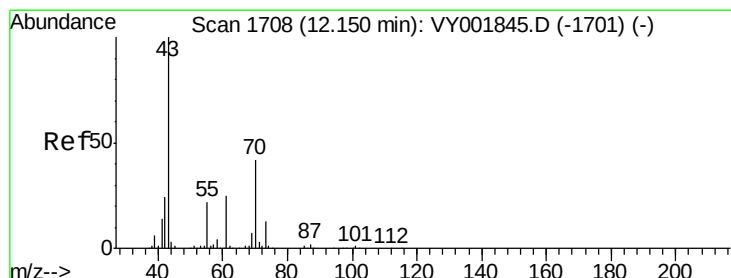
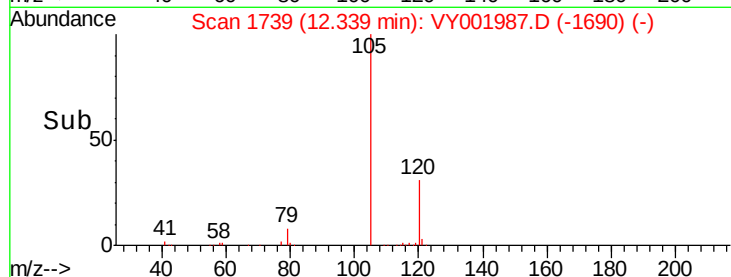
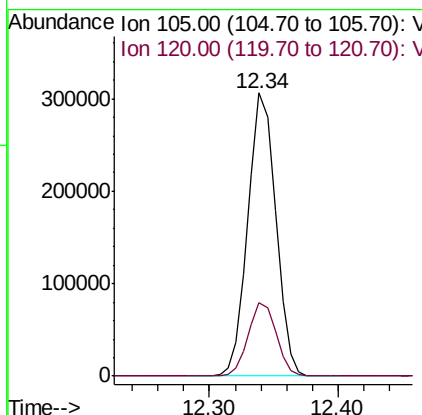
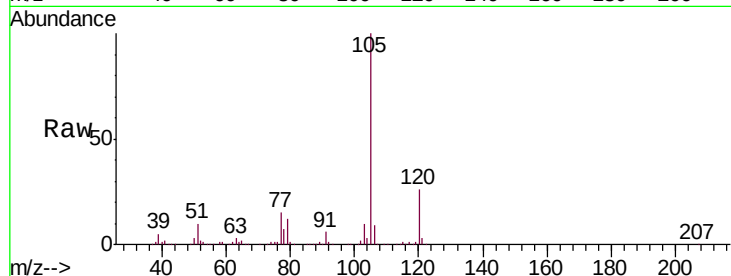




#73
Isopropylbenzene
Concen: 51.854 ug/l
RT: 12.34 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VY001987.D
Acq: 16 Mar 2020 17:04

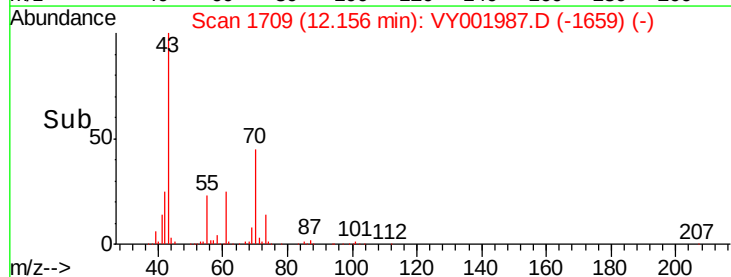
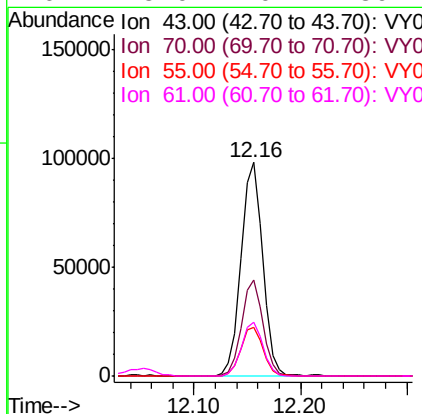
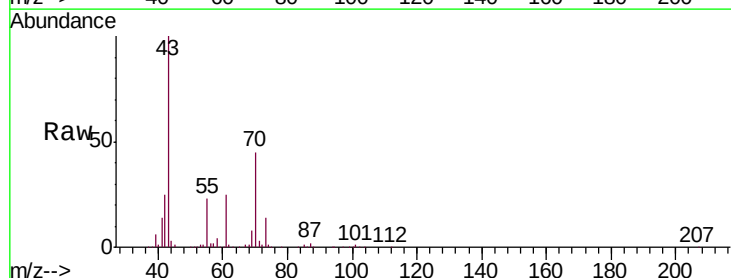
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

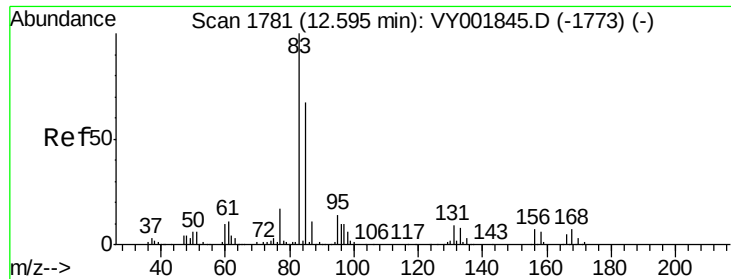
Tgt Ion: 105 Resp: 457678
Ion Ratio Lower Upper
105 100
120 26.2 13.1 39.3



#74
N-ethyl acetate
Concen: 52.197 ug/l
RT: 12.16 min Scan# 1709
Delta R.T. 0.01 min
Lab File: VY001987.D
Acq: 16 Mar 2020 17:04

Tgt Ion: 43 Resp: 141596
Ion Ratio Lower Upper
43 100
70 44.3 34.7 52.1
55 23.7 18.2 27.4
61 25.0 20.1 30.1

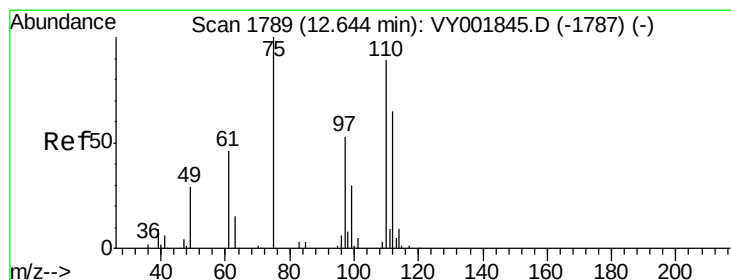
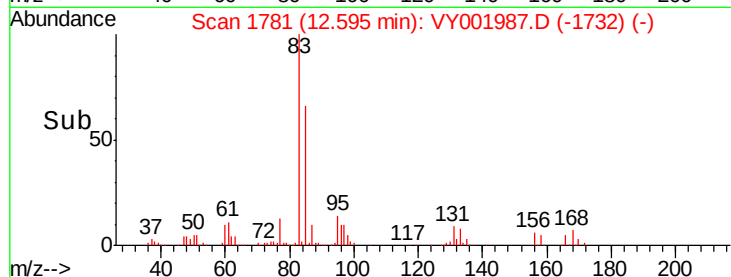
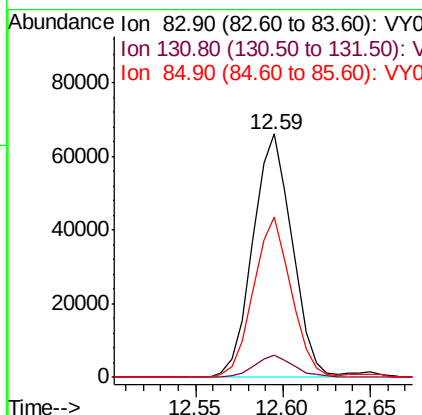
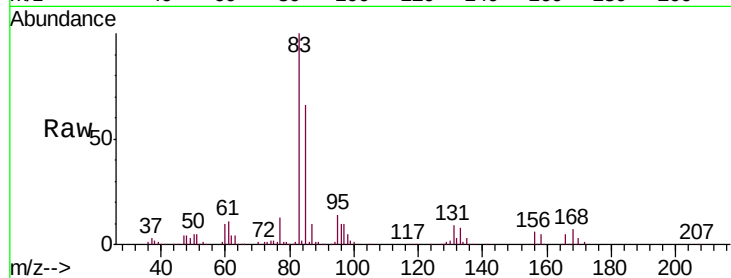




#75
 1,1,2,2-Tetrachloroethane
 Concen: 54.205 ug/l
 RT: 12.59 min Scan# 1781
 Delta R.T. 0.00 min
 Lab File: VY001987.D
 Acq: 16 Mar 2020 17:04

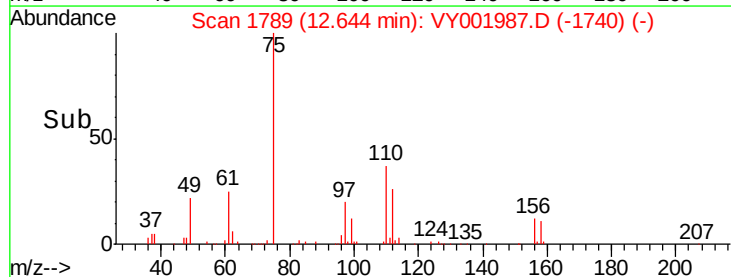
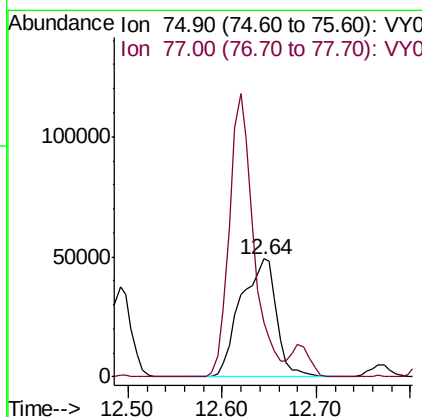
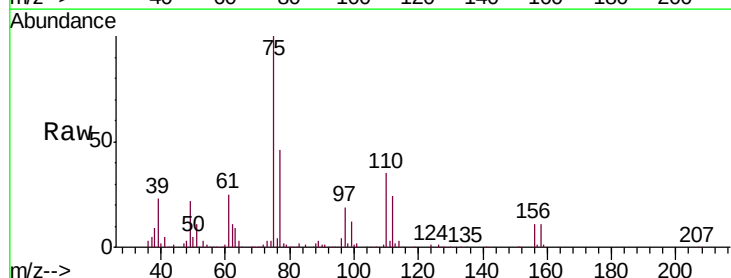
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

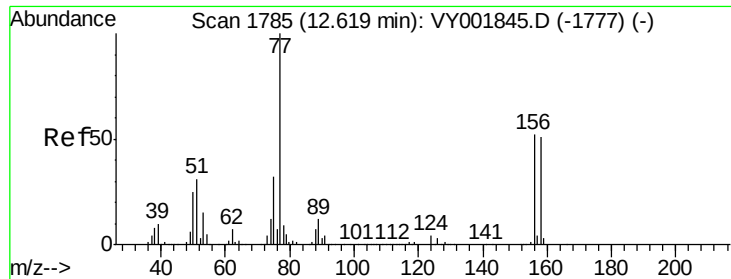
Tgt Ion: 83 Resp: 103173
 Ion Ratio Lower Upper
 83 100
 131 9.1 4.6 13.8
 85 63.5 32.1 96.3



#76
 1,2,3-Trichloropropane
 Concen: 95.784 ug/l
 RT: 12.64 min Scan# 1789
 Delta R.T. 0.00 min
 Lab File: VY001987.D
 Acq: 16 Mar 2020 17:04

Tgt Ion: 75 Resp: 131411
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 52.652 ug/l

RT: 12.62 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VY001987.D

Acq: 16 Mar 2020 17:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

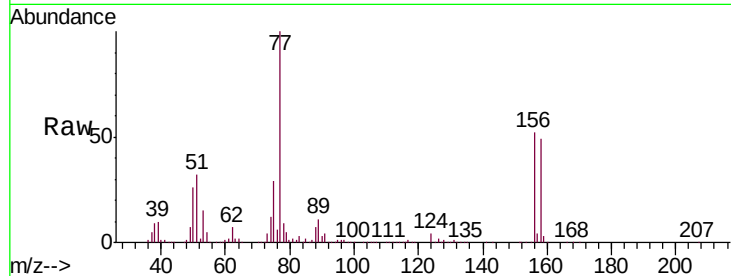
Tgt Ion:156 Resp: 98461

Ion Ratio Lower Upper

156 100

77 214.3 109.0 327.0

158 95.4 48.9 146.8

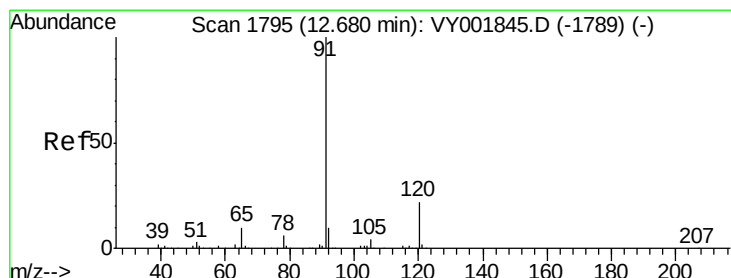
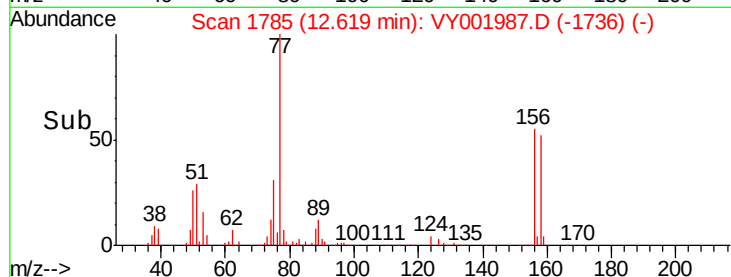
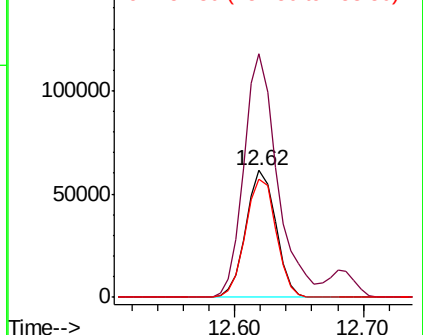


Abundance

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: 51.207 ug/l

RT: 12.68 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VY001987.D

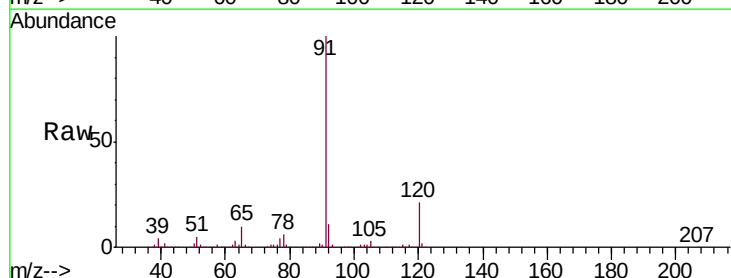
Acq: 16 Mar 2020 17:04

Tgt Ion: 91 Resp: 557600

Ion Ratio Lower Upper

91 100

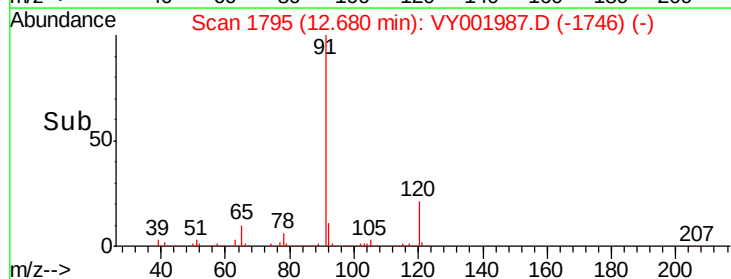
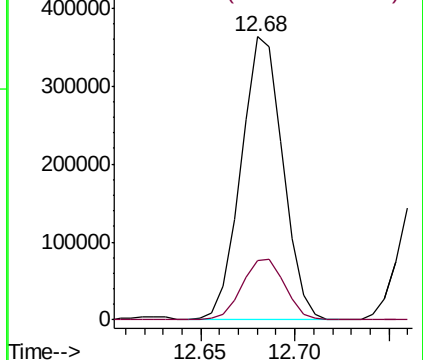
120 22.0 11.0 33.0

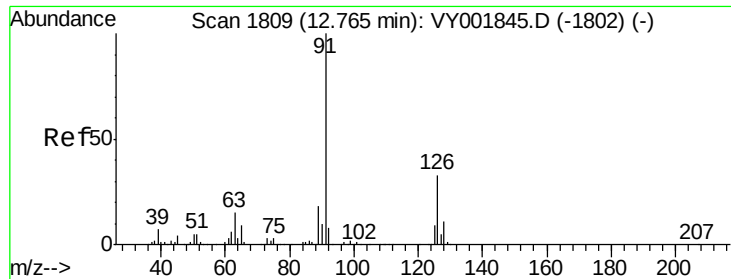


Abundance

Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

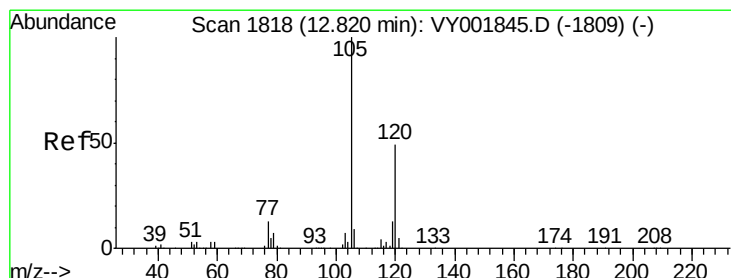
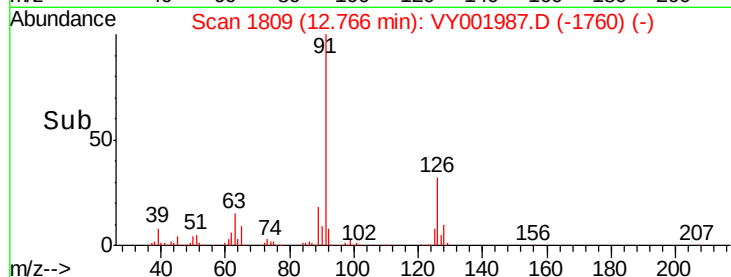
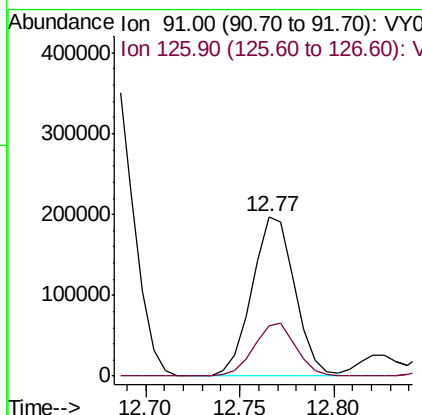
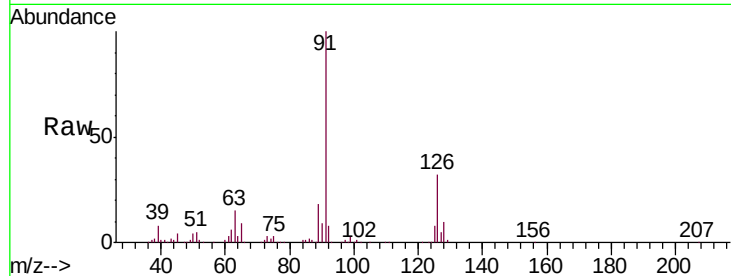




#79
 2-Chlorotoluene
 Concen: 51.603 ug/l
 RT: 12.77 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VY001987.D
 Acq: 16 Mar 2020 17:04

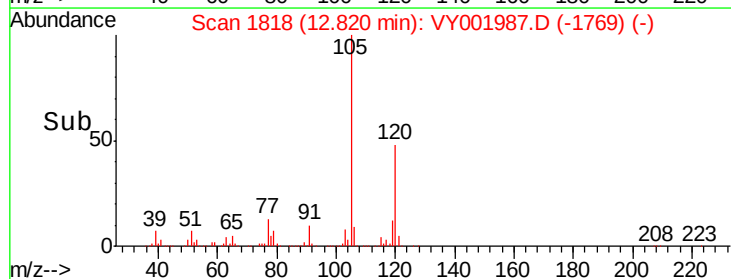
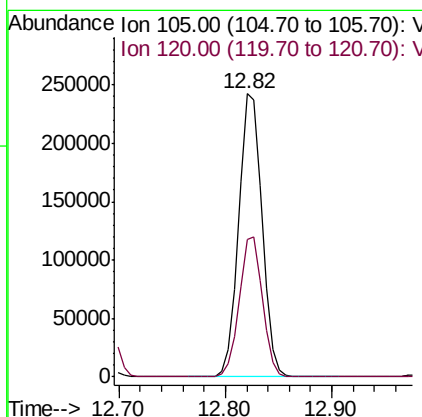
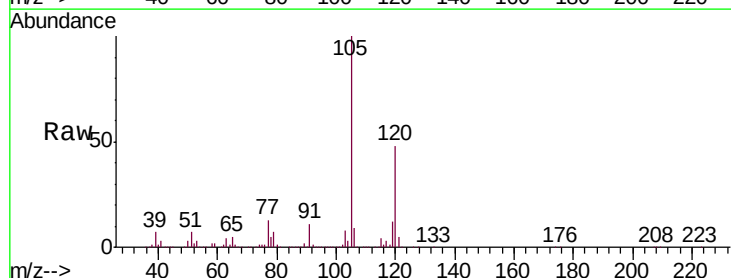
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

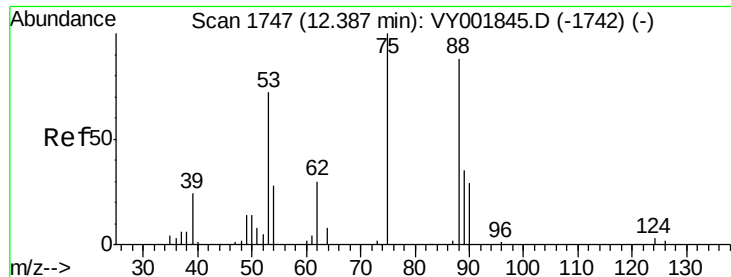
Tgt Ion: 91 Resp: 310445
 Ion Ratio Lower Upper
 91 100
 126 32.5 16.3 48.8



#80
 1,3,5-Trimethylbenzene
 Concen: 51.407 ug/l
 RT: 12.82 min Scan# 1818
 Delta R.T. 0.00 min
 Lab File: VY001987.D
 Acq: 16 Mar 2020 17:04

Tgt Ion: 105 Resp: 373538
 Ion Ratio Lower Upper
 105 100
 120 49.0 24.4 73.2





#81

trans-1,4-Dichloro-2-butene

Concen: 55.365 ug/l

RT: 12.39 min Scan# 1748

Delta R.T. 0.01 min

Lab File: VY001987.D

Acq: 16 Mar 2020 17:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

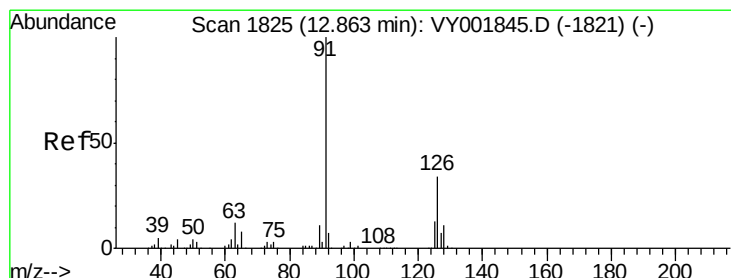
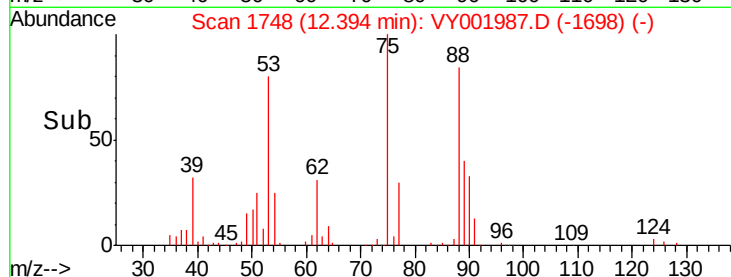
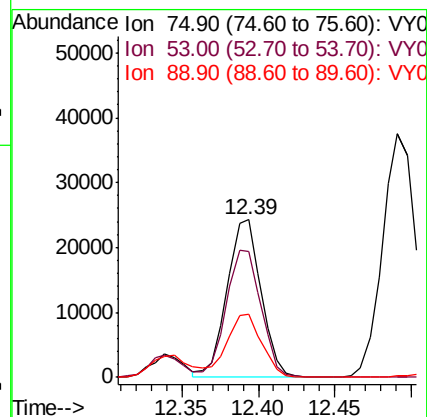
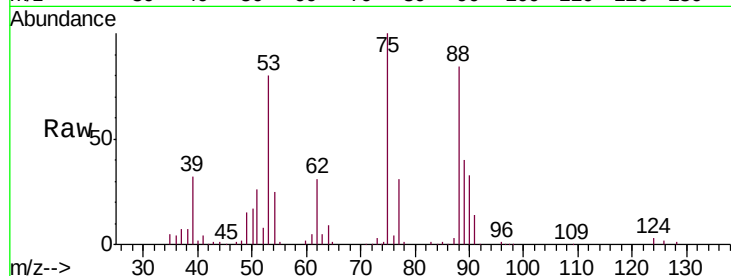
Tgt Ion: 75 Resp: 37604

Ion Ratio Lower Upper

75 100

53 82.2 65.4 98.0

89 40.8 36.0 54.0



#82

4-Chlorotoluene

Concen: 51.298 ug/l

RT: 12.86 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VY001987.D

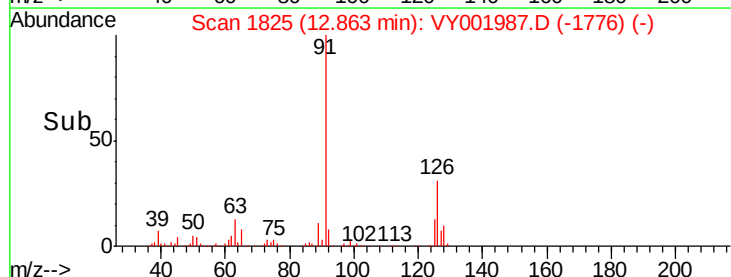
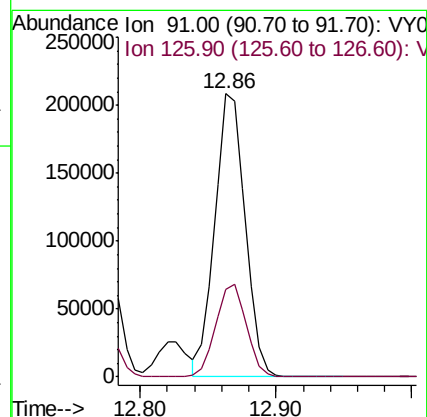
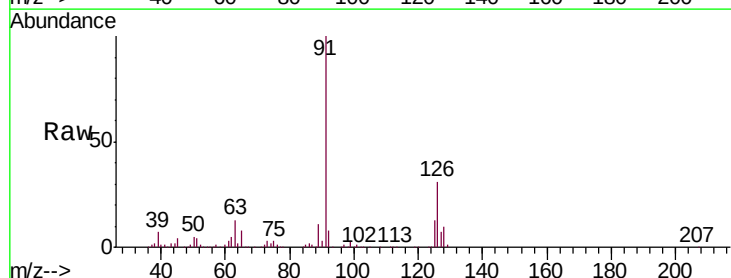
Acq: 16 Mar 2020 17:04

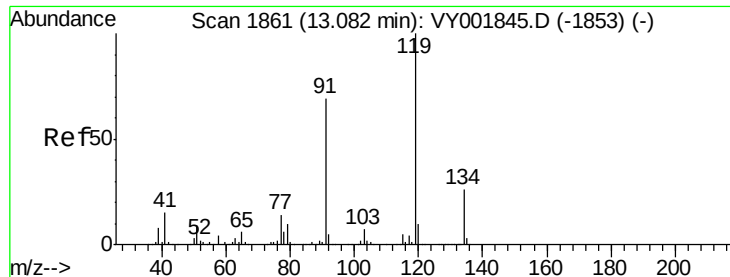
Tgt Ion: 91 Resp: 321325

Ion Ratio Lower Upper

91 100

126 33.0 16.4 49.2

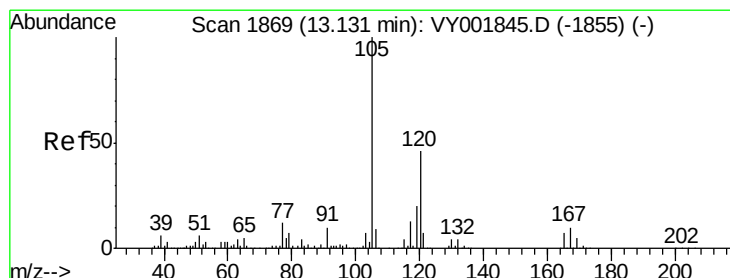
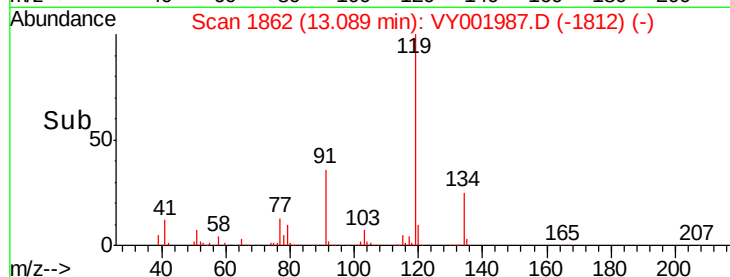
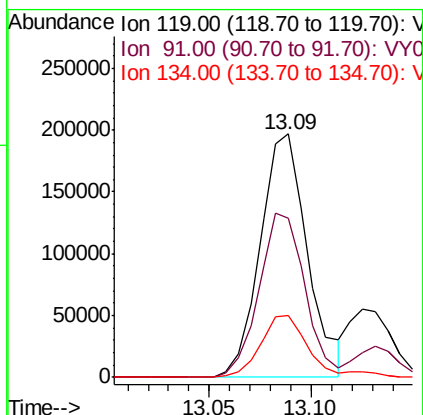
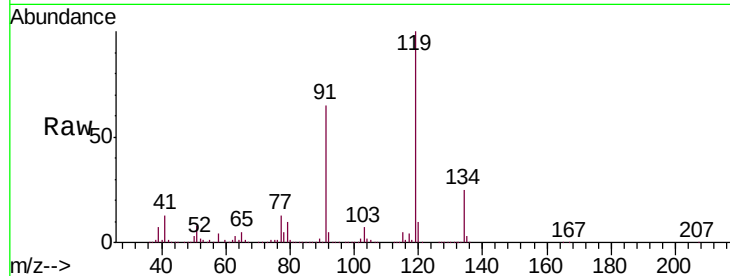




#83
 tert-Butylbenzene
 Concen: 52.678 ug/l
 RT: 13.09 min Scan# 1862
 Delta R.T. 0.01 min
 Lab File: VY001987.D
 Acq: 16 Mar 2020 17:04

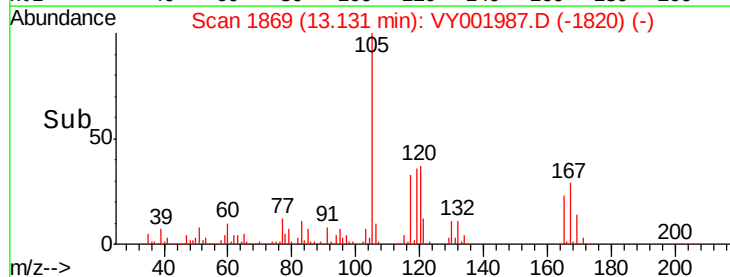
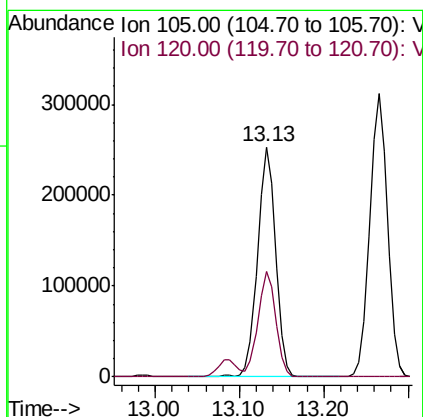
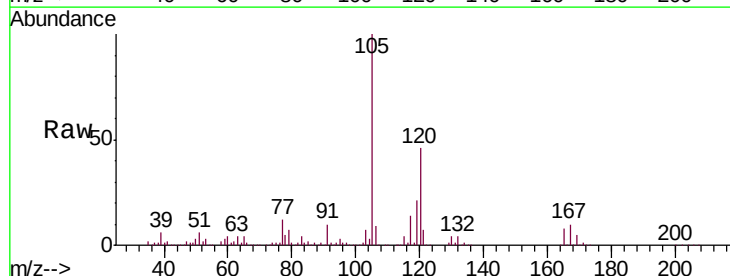
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

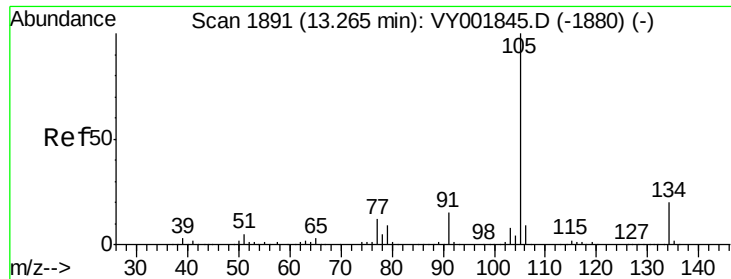
Tgt Ion:119 Resp: 317921
 Ion Ratio Lower Upper
 119 100
 91 65.6 34.0 101.8
 134 26.3 13.5 40.4



#84
 1,2,4-Trimethylbenzene
 Concen: 51.503 ug/l
 RT: 13.13 min Scan# 1869
 Delta R.T. 0.00 min
 Lab File: VY001987.D
 Acq: 16 Mar 2020 17:04

Tgt Ion:105 Resp: 371392
 Ion Ratio Lower Upper
 105 100
 120 44.7 22.6 67.7





#85

sec-Butylbenzene

Concen: 51.513 ug/l

RT: 13.27 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VY001987.D

Acq: 16 Mar 2020 17:04

Instrument :

MSVOA_Y

ClientSampleId :

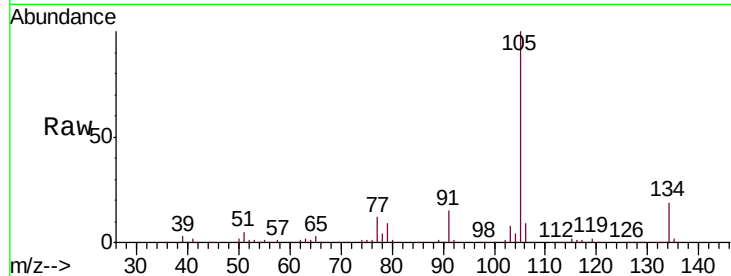
VSTDCCC050EC

Tgt Ion:105 Resp: 458247

Ion Ratio Lower Upper

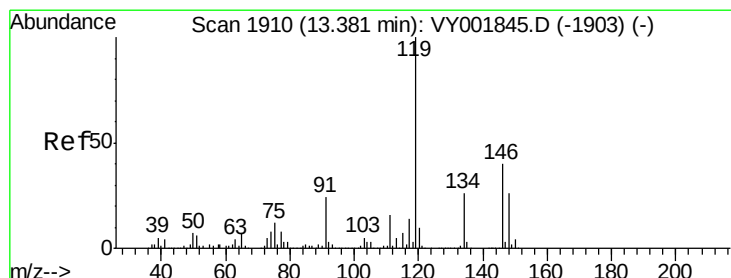
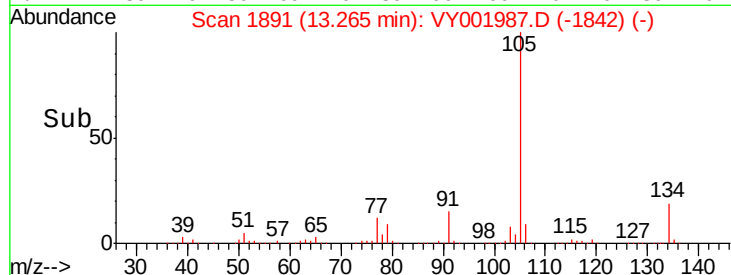
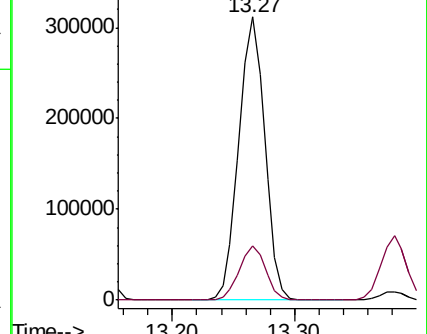
105 100

134 19.4 9.7 29.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 50.973 ug/l

RT: 13.38 min Scan# 1910

Delta R.T. 0.00 min

Lab File: VY001987.D

Acq: 16 Mar 2020 17:04

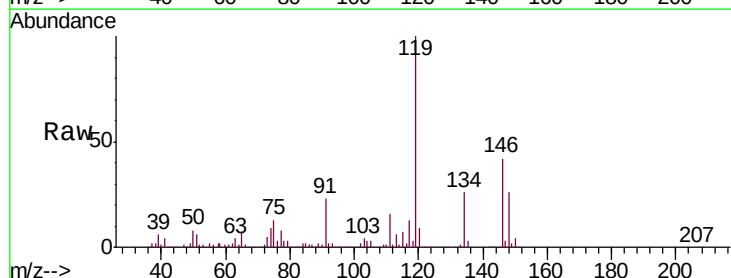
Tgt Ion:119 Resp: 391155

Ion Ratio Lower Upper

119 100

134 26.2 13.1 39.3

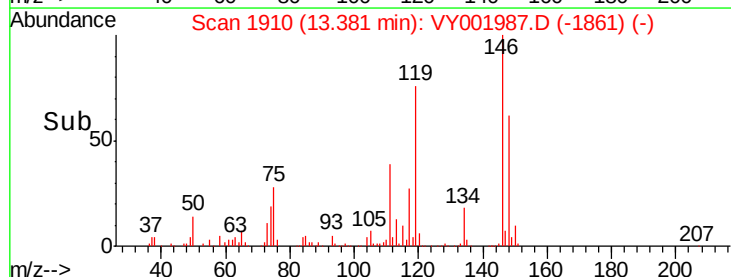
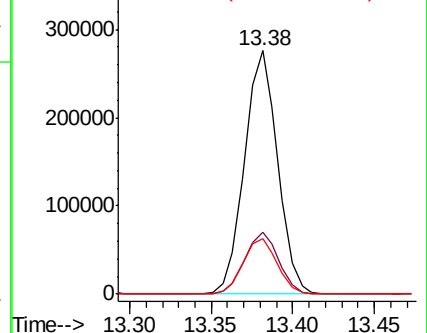
91 23.5 11.9 35.7

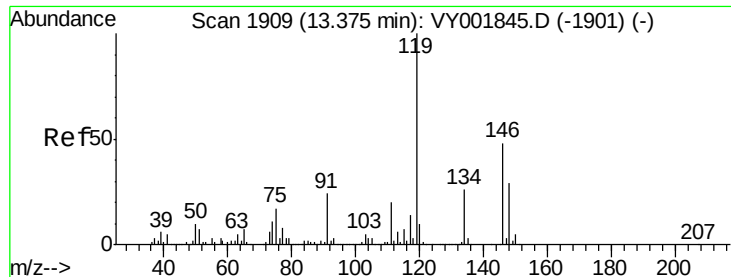


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





#87

1,3-Dichlorobenzene

Concen: 50.946 ug/l

RT: 13.38 min Scan# 1909

Delta R.T. 0.00 min

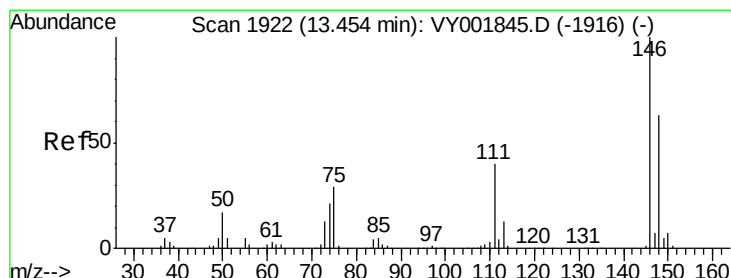
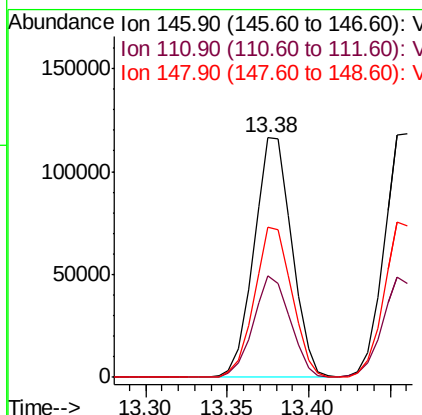
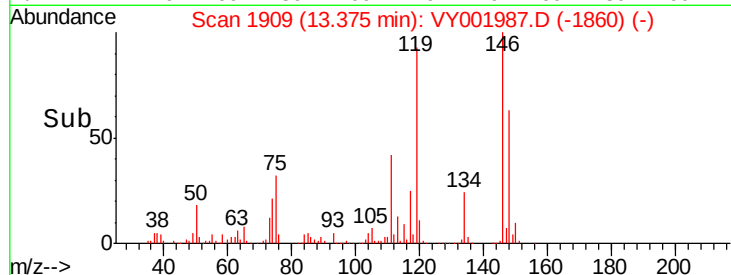
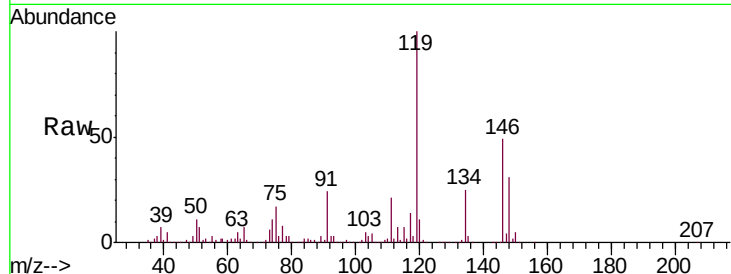
Lab File: VY001987.D

Acq: 16 Mar 2020 17:04

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 186692

Ion	Ratio	Lower	Upper
146	100		
111	41.3	20.8	62.5
148	62.1	31.4	94.0



#88

1,4-Dichlorobenzene

Concen: 49.670 ug/l

RT: 13.46 min Scan# 1923

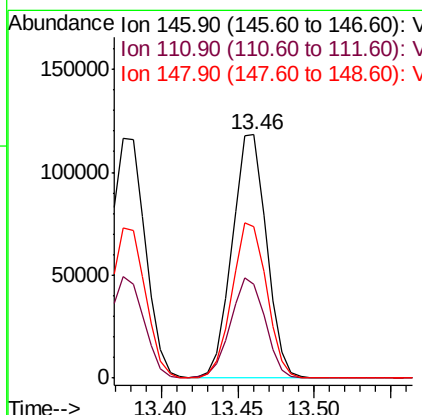
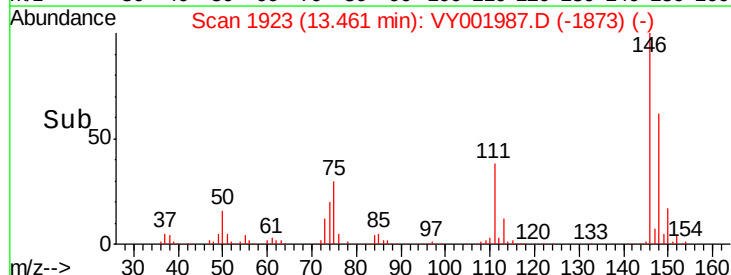
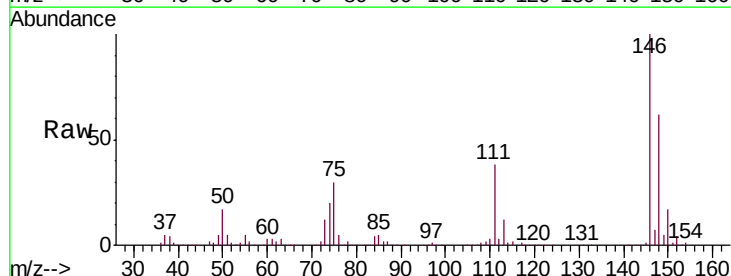
Delta R.T. 0.01 min

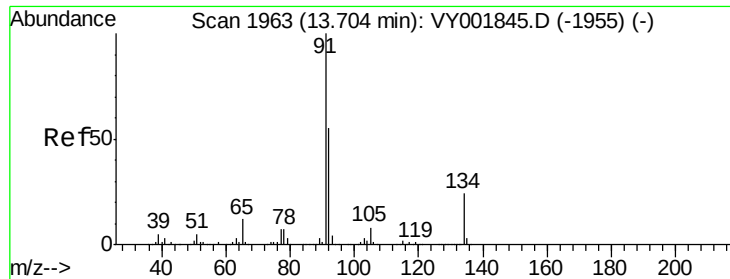
Lab File: VY001987.D

Acq: 16 Mar 2020 17:04

Tgt Ion:146 Resp: 184652

Ion	Ratio	Lower	Upper
146	100		
111	41.1	20.0	60.0
148	64.1	31.5	94.5

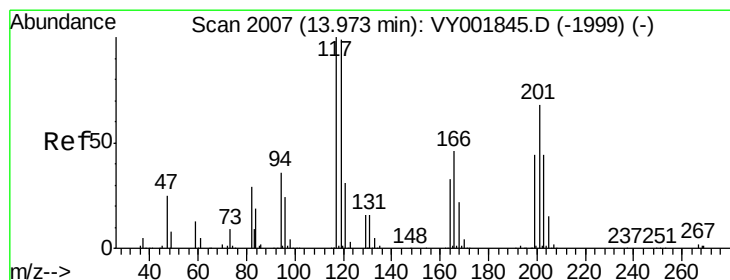
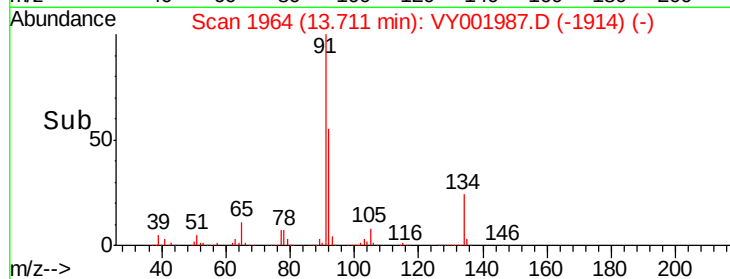
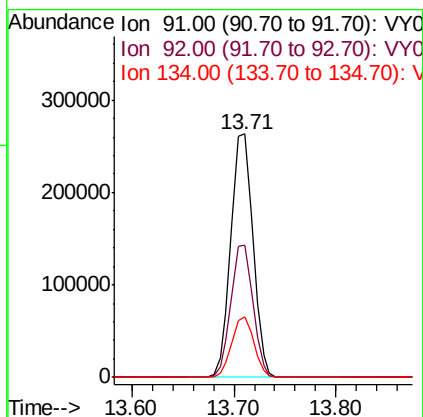
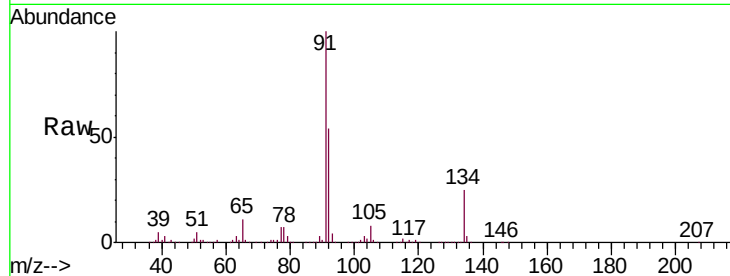




#89
n-Butylbenzene
Concen: 49.478 ug/l
RT: 13.71 min Scan# 1964
Delta R.T. 0.01 min
Lab File: VY001987.D
Acq: 16 Mar 2020 17:04

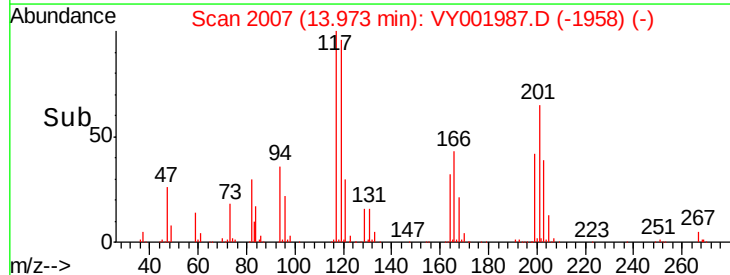
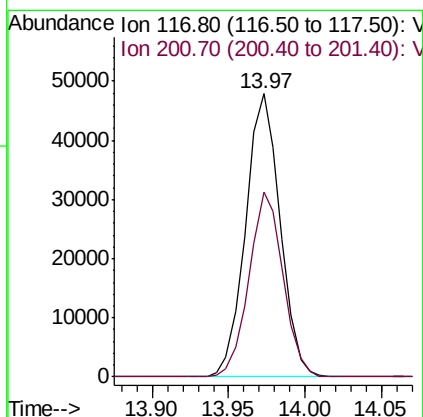
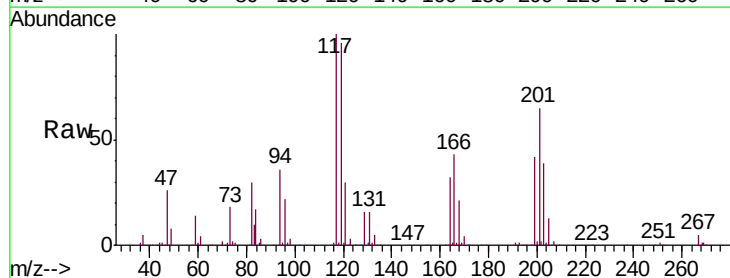
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

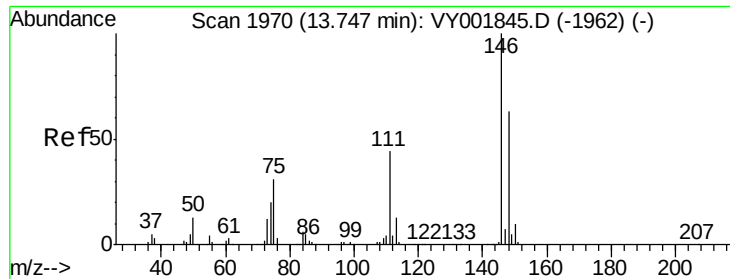
Tgt Ion: 91 Resp: 393916
Ion Ratio Lower Upper
91 100
92 54.0 27.5 82.4
134 24.7 12.5 37.5



#90
Hexachloroethane
Concen: 51.792 ug/l
RT: 13.97 min Scan# 2007
Delta R.T. 0.00 min
Lab File: VY001987.D
Acq: 16 Mar 2020 17:04

Tgt Ion: 117 Resp: 74977
Ion Ratio Lower Upper
117 100
201 64.7 32.5 97.5

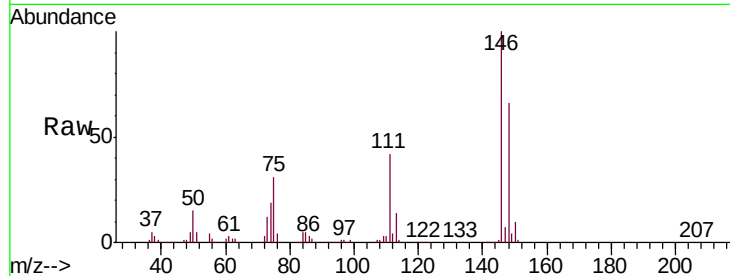




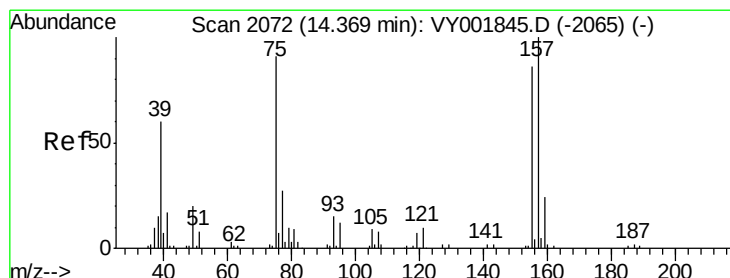
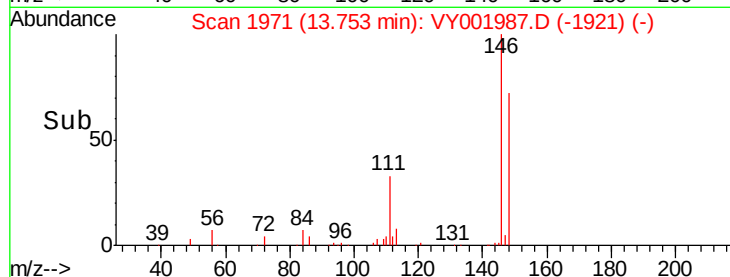
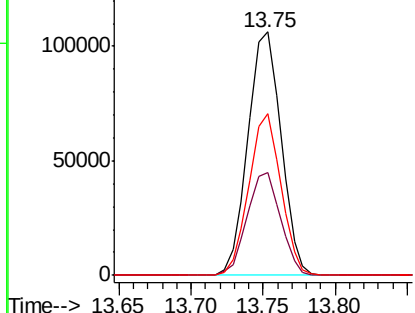
#91
 1,2-Dichlorobenzene
 Concen: 50.930 ug/l
 RT: 13.75 min Scan# 1971
 Delta R.T. 0.01 min
 Lab File: VY001987.D
 Acq: 16 Mar 2020 17:04

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 146 Resp: 169552
 Ion Ratio Lower Upper
 146 100
 111 42.5 21.5 64.5
 148 64.2 32.0 96.0

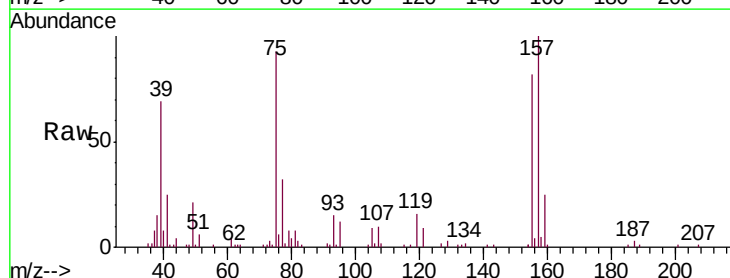


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

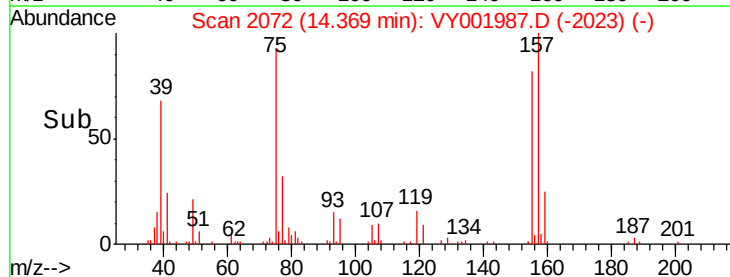
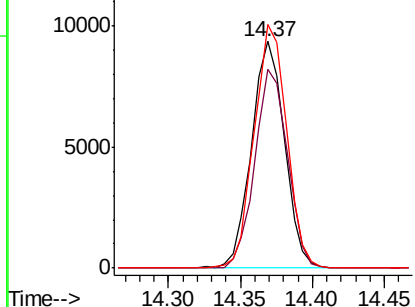


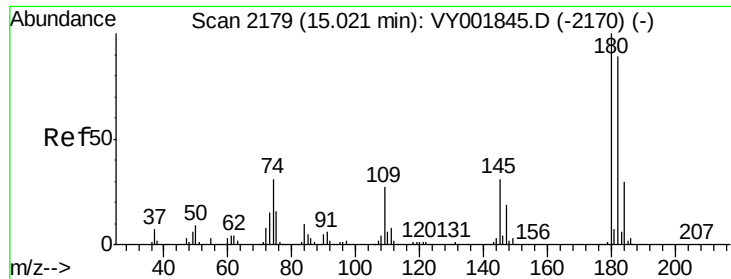
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.806 ug/l
 RT: 14.37 min Scan# 2072
 Delta R.T. 0.00 min
 Lab File: VY001987.D
 Acq: 16 Mar 2020 17:04

Tgt Ion: 75 Resp: 14793
 Ion Ratio Lower Upper
 75 100
 155 86.9 42.9 128.7
 157 106.1 53.1 159.4



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

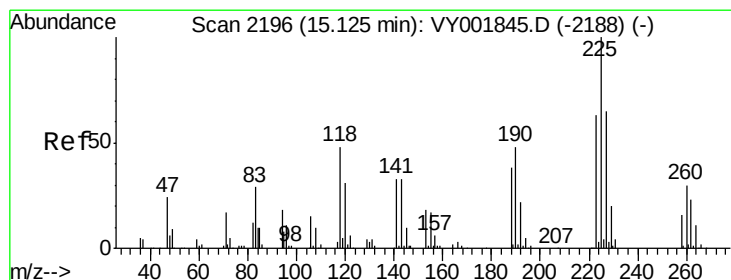
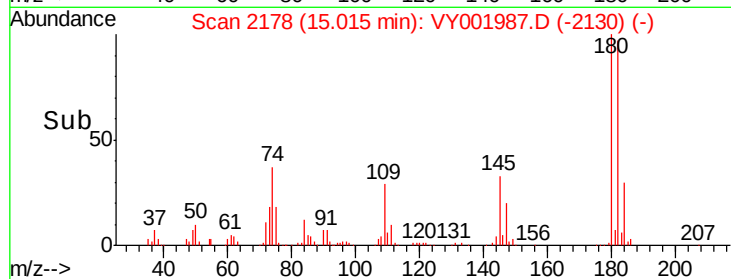
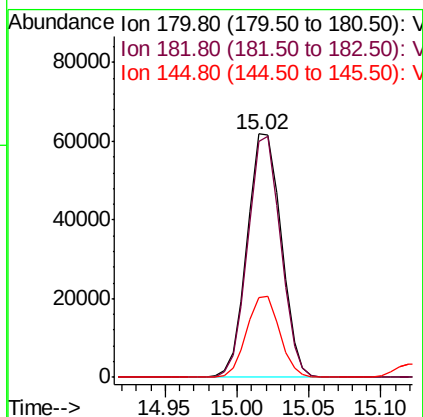
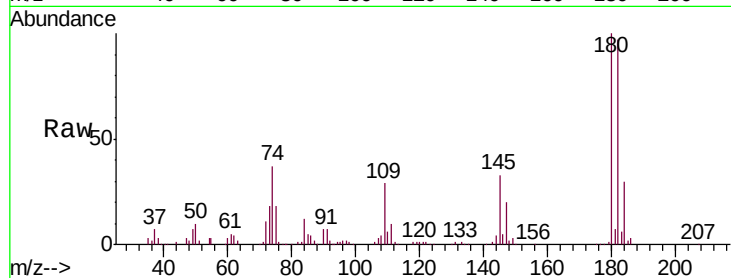




#93
1,2,4-Trichlorobenzene
Concen: 46.908 ug/l
RT: 15.02 min Scan# 2178
Delta R.T. -0.01 min
Lab File: VY001987.D
Acq: 16 Mar 2020 17:04

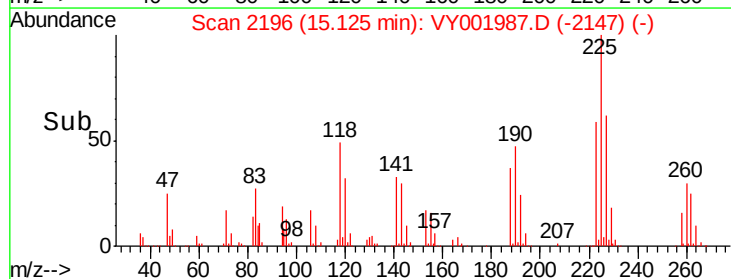
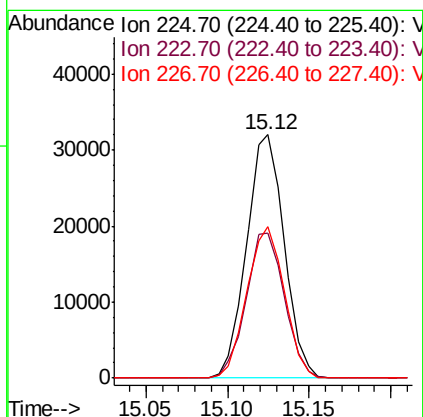
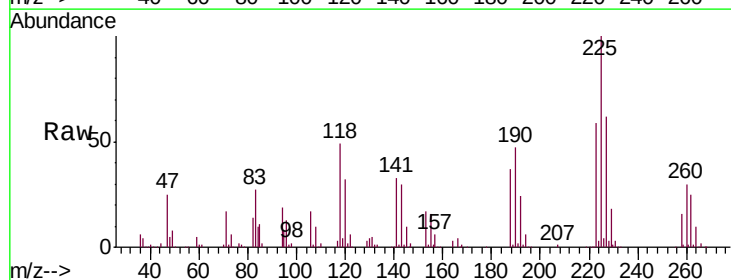
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

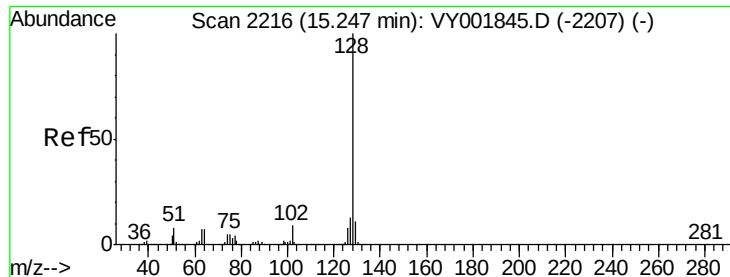
Tgt Ion:180 Resp: 101275
Ion Ratio Lower Upper
180 100
182 95.2 46.1 138.3
145 32.2 15.6 46.8



#94
Hexachlorobutadiene
Concen: 48.712 ug/l
RT: 15.12 min Scan# 2196
Delta R.T. 0.00 min
Lab File: VY001987.D
Acq: 16 Mar 2020 17:04

Tgt Ion:225 Resp: 51274
Ion Ratio Lower Upper
225 100
223 61.1 31.5 94.5
227 61.9 31.9 95.5

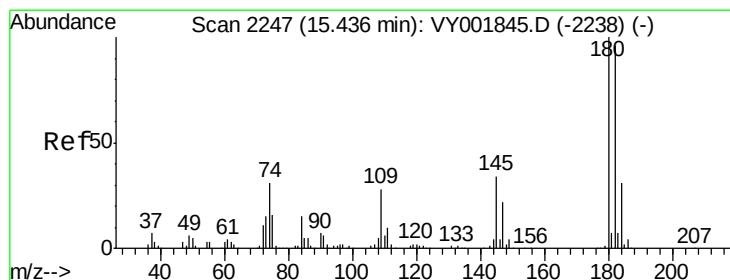
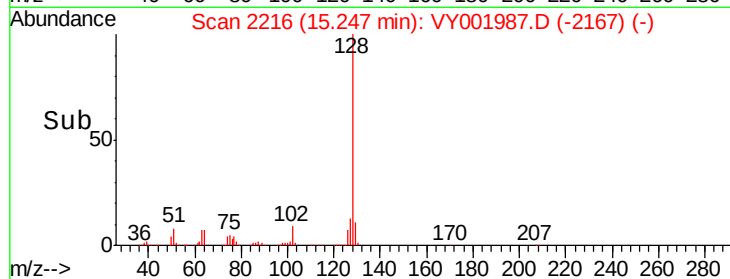
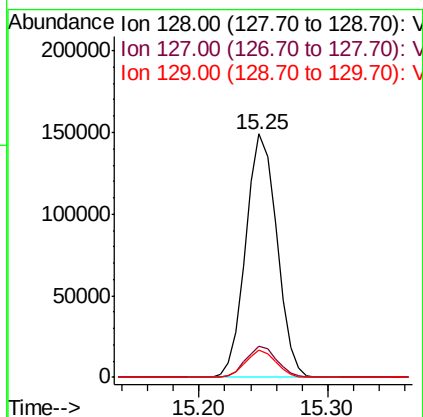
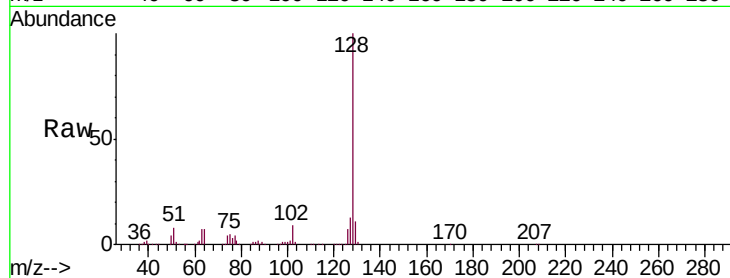




#95
Naphthalene
Concen: 48.495 ug/l
RT: 15.25 min Scan# 2216
Delta R.T. 0.00 min
Lab File: VY001987.D
Acq: 16 Mar 2020 17:04

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 248346
Ion Ratio Lower Upper
128 100
127 12.7 10.1 15.1
129 11.0 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 47.325 ug/l
RT: 15.44 min Scan# 2247
Delta R.T. 0.00 min
Lab File: VY001987.D
Acq: 16 Mar 2020 17:04

Tgt Ion:180 Resp: 90009
Ion Ratio Lower Upper
180 100
182 94.9 47.6 142.9
145 33.6 16.8 50.3

