

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY041420\
 Data File : VY002299.D
 Acq On : 14 Apr 2020 11:21
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 15 05:31:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y040820S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 08 15:15:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	166213	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	294817	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	260516	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	115135	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.16	65	89276	48.30	ug/l	0.00
Spiked Amount			Recovery	=	96.60%	
35) Dibromofluoromethane	7.74	113	94601	53.93	ug/l	0.00
Spiked Amount			Recovery	=	107.86%	
50) Toluene-d8	10.19	98	392146	53.41	ug/l	0.00
Spiked Amount			Recovery	=	106.82%	
62) 4-Bromofluorobenzene	12.49	95	121230	50.04	ug/l	0.00
Spiked Amount			Recovery	=	100.08%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	81451	48.487	ug/l	97
3) Chloromethane	2.12	50	95696	45.264	ug/l	98
4) Vinyl Chloride	2.26	62	105062	46.688	ug/l	98
5) Bromomethane	2.66	94	64611	46.495	ug/l	95
6) Chloroethane	2.80	64	61466	47.362	ug/l	97
7) Trichlorofluoromethane	3.14	101	143397	49.343	ug/l	98
8) Diethyl Ether	3.55	74	60364	48.860	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.92	101	99577	50.443	ug/l	99
10) Methyl Iodide	4.11	142	121359	52.888	ug/l	98
11) Tert butyl alcohol	4.99	59	45116	225.900	ug/l	98
12) 1,1-Dichloroethene	3.89	96	102976	51.309	ug/l	95
13) Acrolein	3.75	56	57164	239.854	ug/l	99
14) Allyl chloride	4.50	41	152059	46.918	ug/l	97
15) Acrylonitrile	5.19	53	145509	230.313	ug/l	99
16) Acetone	3.97	43	143420	294.595	ug/l	92
17) Carbon Disulfide	4.21	76	334326	50.159	ug/l	99
18) Methyl Acetate	4.50	43	66395	43.968	ug/l	98
19) Methyl tert-butyl Ether	5.24	73	247792	46.963	ug/l	97
20) Methylene Chloride	4.74	84	112621	47.065	ug/l	92
21) trans-1,2-Dichloroethene	5.24	96	112075	49.751	ug/l	95
22) Diisopropyl ether	6.14	45	298827	45.817	ug/l	96
23) Vinyl Acetate	6.08	43	940248	226.220	ug/l	98
24) 1,1-Dichloroethane	6.05	63	179825	48.473	ug/l	98
25) 2-Butanone	7.01	43	186881	242.562	ug/l	99
26) 2,2-Dichloropropane	7.00	77	147291	47.463	ug/l	98
27) cis-1,2-Dichloroethene	7.01	96	119941	48.842	ug/l	96
28) Bromochloromethane	7.36	49	72786	45.451	ug/l	97
29) Tetrahydrofuran	7.37	42	111572	219.077	ug/l	98
30) Chloroform	7.53	83	171095	48.926	ug/l	98
31) Cyclohexane	7.80	56	180875	46.449	ug/l	92
32) 1,1,1-Trichloroethane	7.72	97	144820	49.755	ug/l	99
36) 1,1-Dichloropropene	7.94	75	145918	50.249	ug/l	99
37) Ethyl Acetate	7.10	43	72648	43.792	ug/l	98
38) Carbon Tetrachloride	7.92	117	127296	51.248	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.20	83	198006	50.126	ug/l	96
40) Benzene	8.18	78	441151	50.071	ug/l	98
41) Methacrylonitrile	7.37	41	97393	99.519	ug/l #	100
42) 1,2-Dichloroethane	8.25	62	101139	46.341	ug/l	98
43) Isopropyl Acetate	8.29	43	135645	44.833	ug/l	97
44) Trichloroethene	8.96	130	125301	48.373	ug/l	94
45) 1,2-Dichloropropane	9.23	63	108060	49.432	ug/l	96
46) Dibromomethane	9.32	93	55428	48.494	ug/l	98
47) Bromodichloromethane	9.51	83	130179	49.637	ug/l	98
48) Methyl methacrylate	9.30	41	58885	43.405	ug/l	92
49) 1,4-Dioxane	9.31	88	16326	1009.765	ug/l	90
51) 4-Methyl-2-Pentanone	10.08	43	357591	226.818	ug/l	98
52) Toluene	10.25	92	268202	50.512	ug/l	98
53) t-1,3-Dichloropropene	10.47	75	139816	48.930	ug/l	97
54) cis-1,3-Dichloropropene	9.94	75	169820	49.433	ug/l	99
55) 1,1,2-Trichloroethane	10.66	97	82498	49.300	ug/l	97
56) Ethyl methacrylate	10.52	69	115902	48.529	ug/l	95
57) 1,3-Dichloropropane	10.80	76	141567	48.131	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.80	63	296608	239.822	ug/l	99
59) 2-Hexanone	10.84	43	259920	237.549	ug/l	98
60) Dibromochloromethane	11.00	129	90116	50.504	ug/l	100
61) 1,2-Dibromoethane	11.10	107	78495	49.273	ug/l	98
64) Tetrachloroethene	10.73	164	131901	50.079	ug/l	99
65) Chlorobenzene	11.52	112	272120	50.250	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.60	131	89321	49.957	ug/l	99
67) Ethyl Benzene	11.60	91	484871	48.909	ug/l	99
68) m/p-Xylenes	11.71	106	366217	98.627	ug/l	97
69) o-Xylene	12.03	106	172723	49.547	ug/l	96
70) Styrene	12.05	104	298090	49.286	ug/l	98
71) Bromoform	12.22	173	48164	49.536	ug/l #	99
73) Isopropylbenzene	12.34	105	453549	50.143	ug/l	99
74) N-amyl acetate	12.15	43	113584	44.238	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.59	83	59267	54.158	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	115455	86.356	ug/l #	100
77) Bromobenzene	12.62	156	100984	50.746	ug/l	94
78) n-propylbenzene	12.68	91	555688	49.397	ug/l	99
79) 2-Chlorotoluene	12.77	91	297579	48.676	ug/l	98
80) 1,3,5-Trimethylbenzene	12.82	105	366536	48.998	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.39	75	34266	49.849	ug/l	98
82) 4-Chlorotoluene	12.86	91	310203	48.412	ug/l	97
83) tert-Butylbenzene	13.08	119	316477	50.508	ug/l	98
84) 1,2,4-Trimethylbenzene	13.13	105	367959	49.259	ug/l	100
85) sec-Butylbenzene	13.26	105	456888	48.948	ug/l	98
86) p-Isopropyltoluene	13.38	119	398061	49.549	ug/l	100
87) 1,3-Dichlorobenzene	13.38	146	190137	49.301	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	189821	48.488	ug/l	100
89) n-Butylbenzene	13.70	91	399907	48.564	ug/l	99
90) Hexachloroethane	13.97	117	74932	48.947	ug/l	97
91) 1,2-Dichlorobenzene	13.75	146	173595	49.536	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.37	75	12240	46.246	ug/l	94

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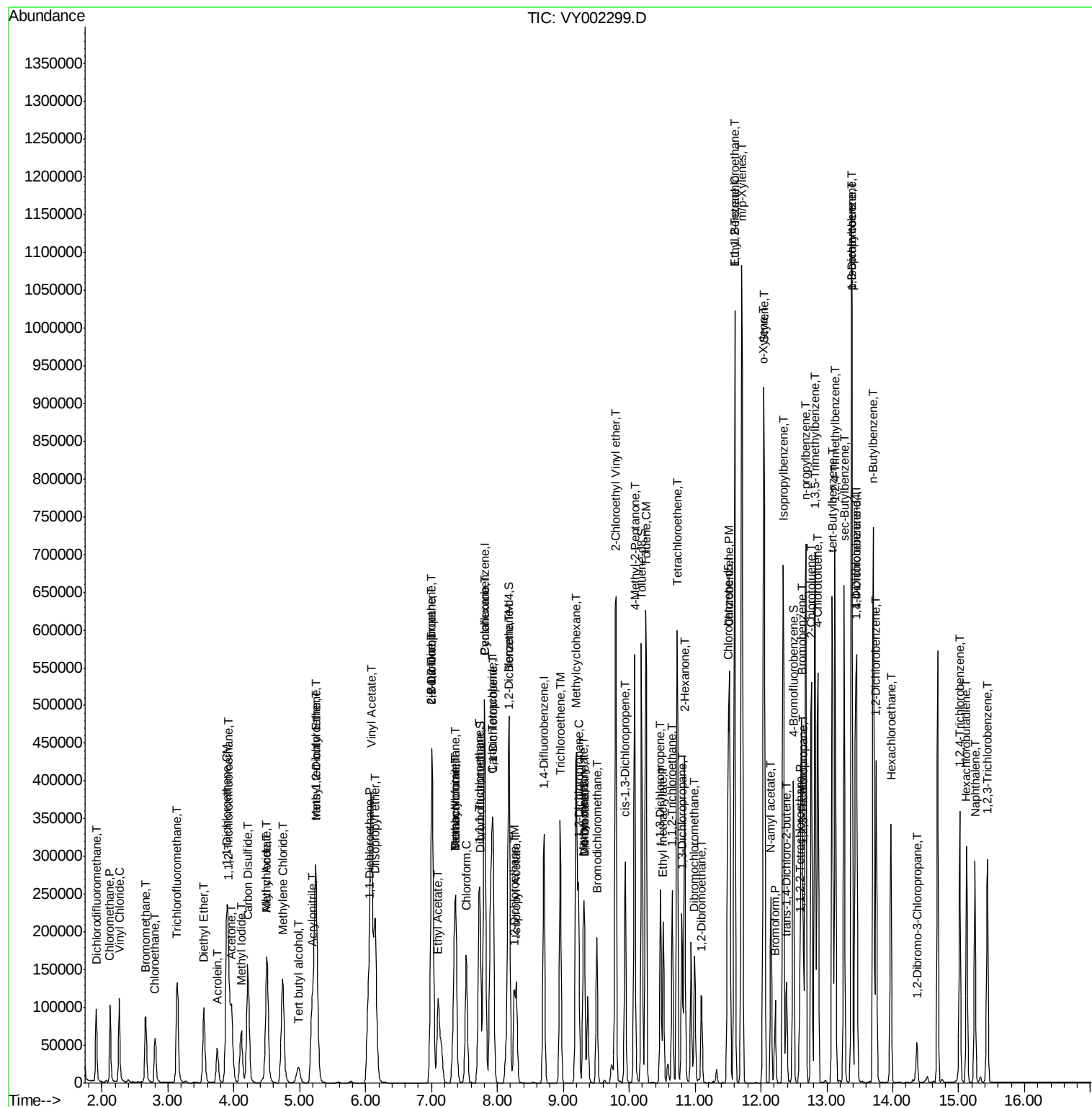
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	110406	48.199	ug/l	98
94) Hexachlorobutadiene	15.12	225	53729	46.571	ug/l	97
95) Naphthalene	15.25	128	237309	47.316	ug/l	99
96) 1,2,3-Trichlorobenzene	15.44	180	94172	47.347	ug/l	98

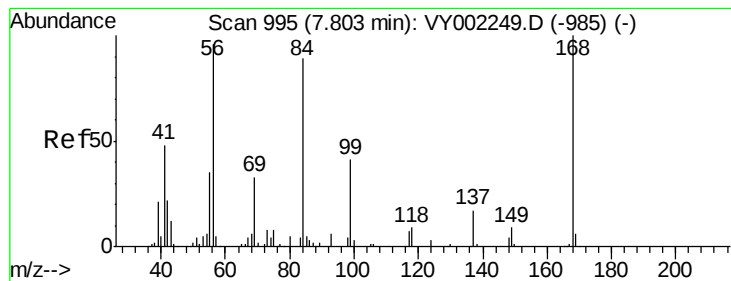
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. 0.01 min

Lab File: VY002299.D

Acq: 14 Apr 2020 11:21

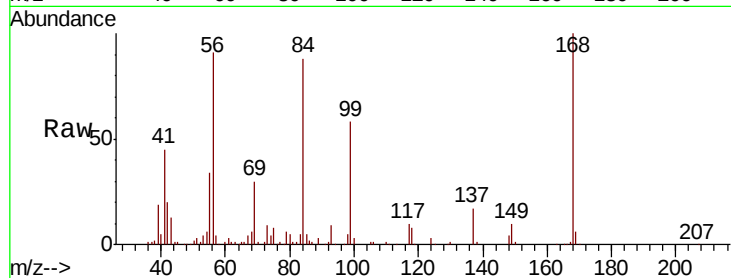
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:168 Resp: 166213

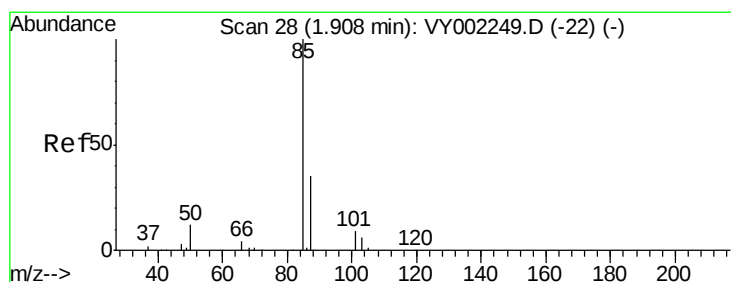
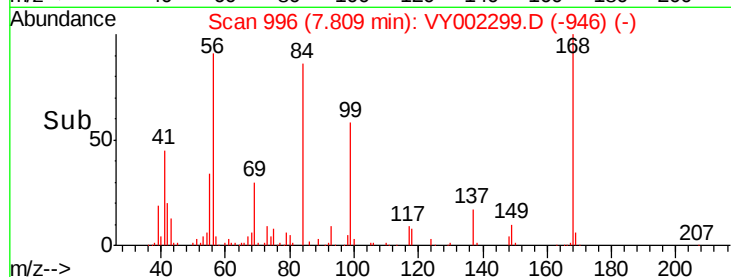
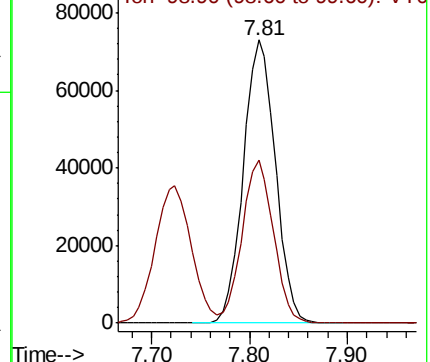
Ion Ratio Lower Upper

168 100

99 57.7 48.0 72.0



Abundance Ion 167.90 (167.60 to 168.60): VY002299.D (-985) (-)



#2

Dichlorodifluoromethane

Concen: 48.487 ug/l

RT: 1.91 min Scan# 29

Delta R.T. 0.01 min

Lab File: VY002299.D

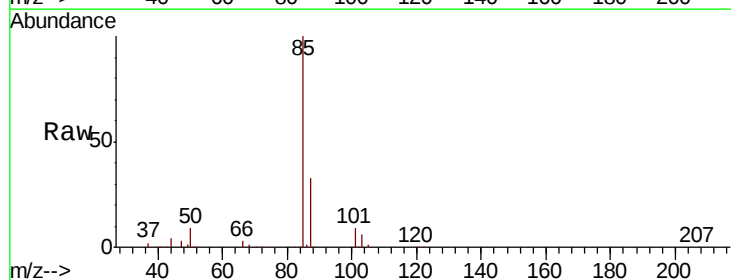
Acq: 14 Apr 2020 11:21

Tgt Ion: 85 Resp: 81451

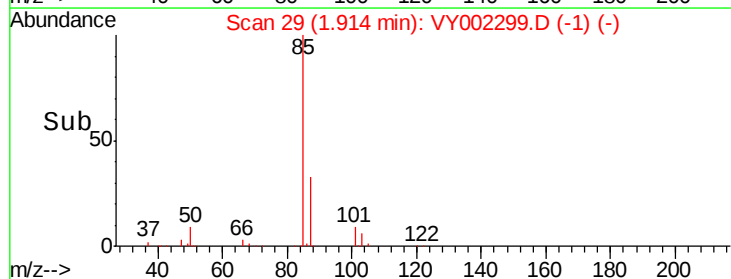
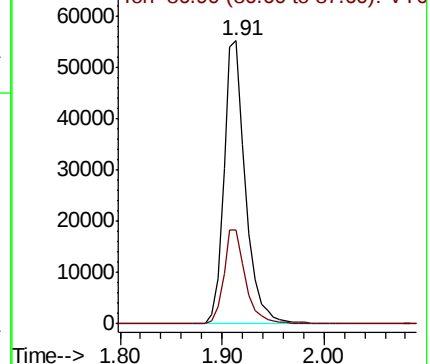
Ion Ratio Lower Upper

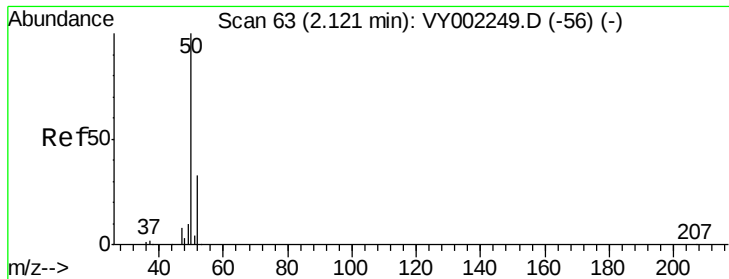
85 100

87 33.1 17.3 51.9



Abundance Ion 84.90 (84.60 to 85.60): VY002299.D (-22) (-)





#3

Chloromethane

Concen: 45.264 ug/l

RT: 2.12 min Scan# 63

Delta R.T. -0.00 min

Lab File: VY002299.D

Acq: 14 Apr 2020 11:21

Instrument :

MSVOA_Y

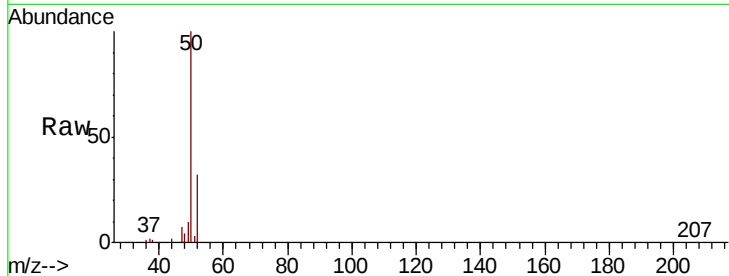
ClientSampleId :

Tot Ion: 50 Resp: 95696

Ion Ratio Lower Upper

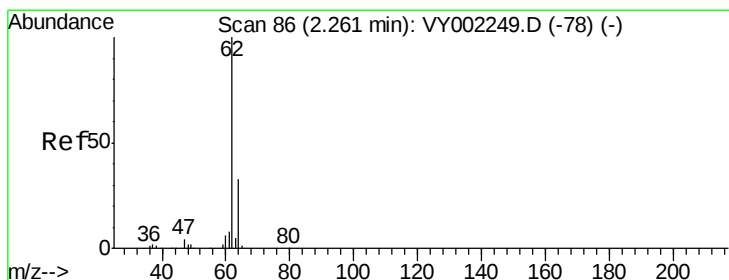
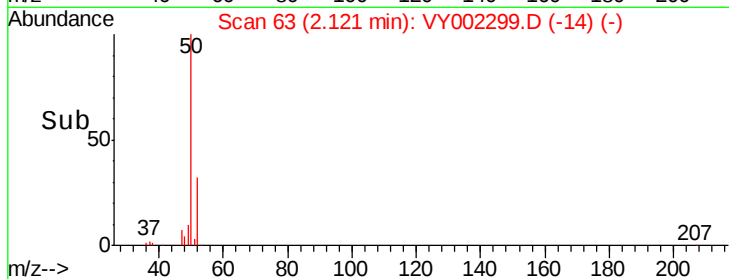
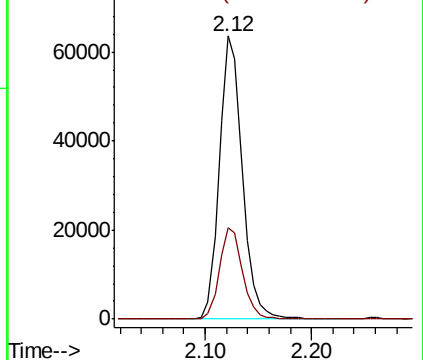
50 100

52 32.2 26.6 39.8



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 46.688 ug/l

RT: 2.26 min Scan# 86

Delta R.T. -0.00 min

Lab File: VY002299.D

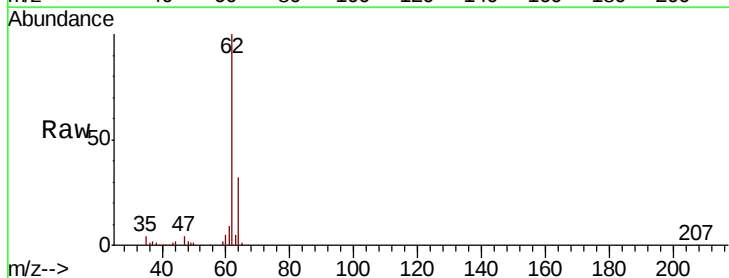
Acq: 14 Apr 2020 11:21

Tgt Ion: 62 Resp: 105062

Ion Ratio Lower Upper

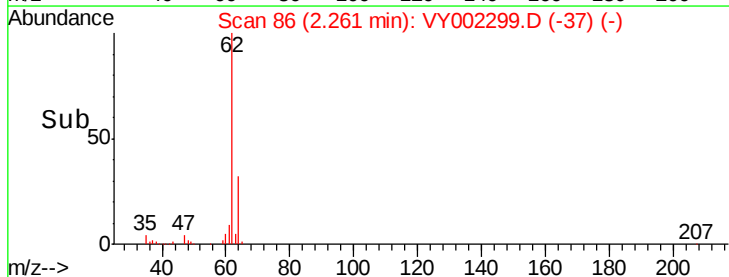
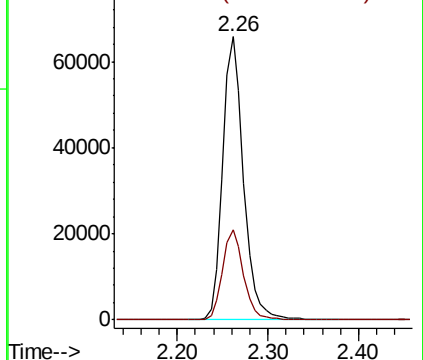
62 100

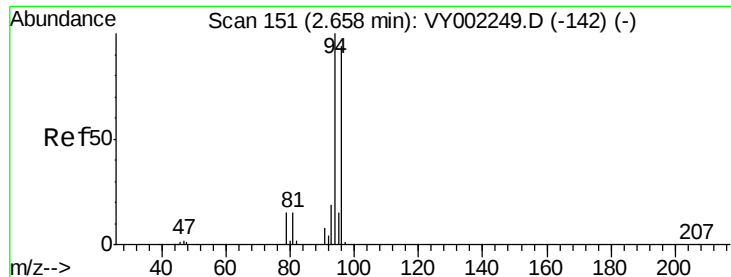
64 31.8 26.2 39.2



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 46.495 ug/l

RT: 2.66 min Scan# 151

Delta R.T. -0.00 min

Lab File: VY002299.D

Acq: 14 Apr 2020 11:21

Instrument :

MSVOA_Y

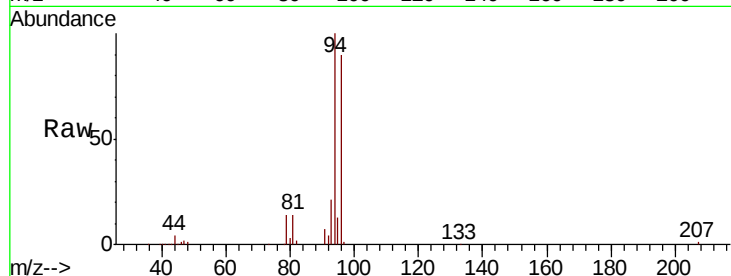
ClientSampleId :

Tot Ion: 94 Resp: 64611

Ion Ratio Lower Upper

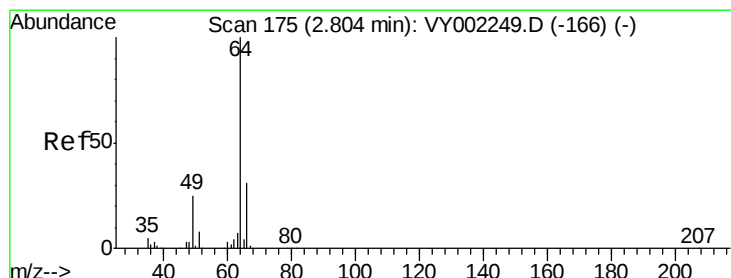
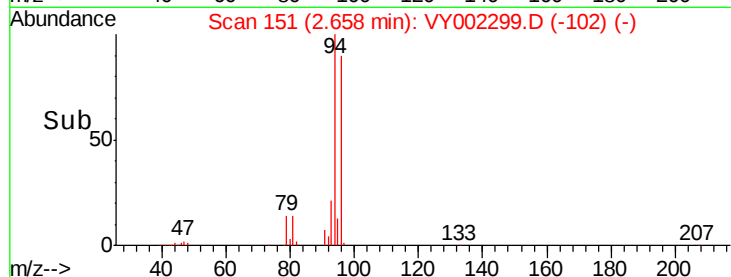
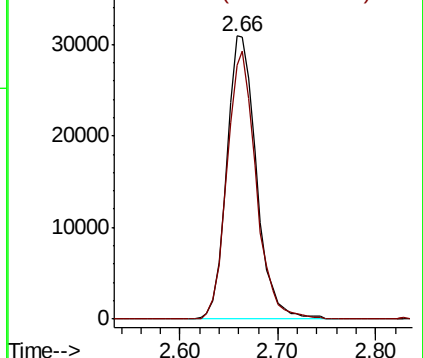
94 100

96 89.8 75.6 113.4



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 47.362 ug/l

RT: 2.80 min Scan# 175

Delta R.T. -0.00 min

Lab File: VY002299.D

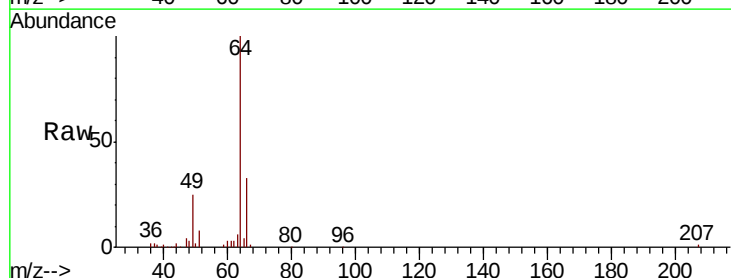
Acq: 14 Apr 2020 11:21

Tgt Ion: 64 Resp: 61466

Ion Ratio Lower Upper

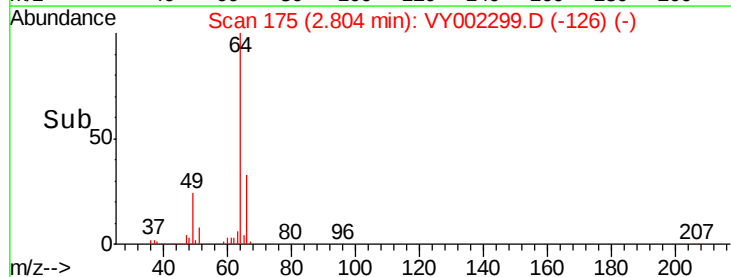
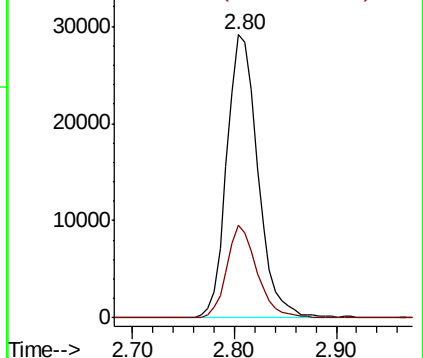
64 100

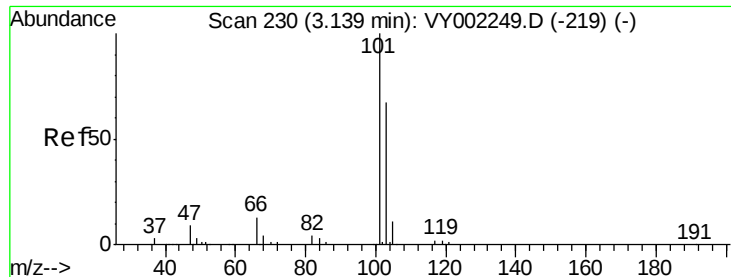
66 32.7 24.6 37.0



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



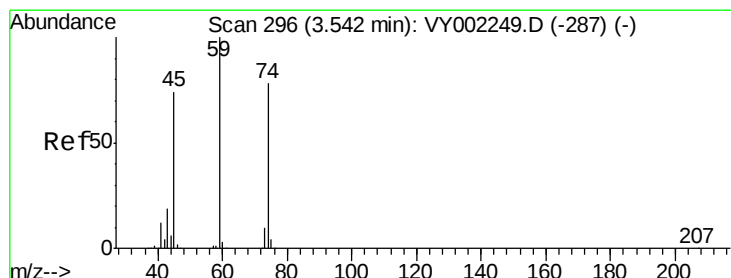
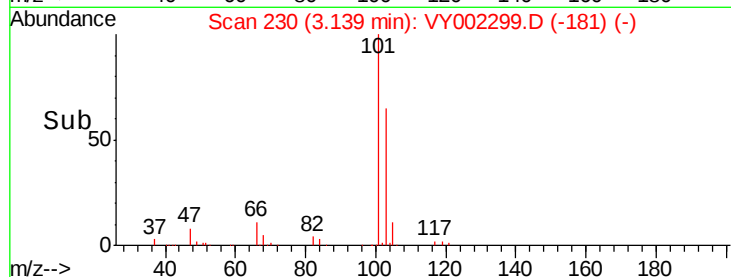
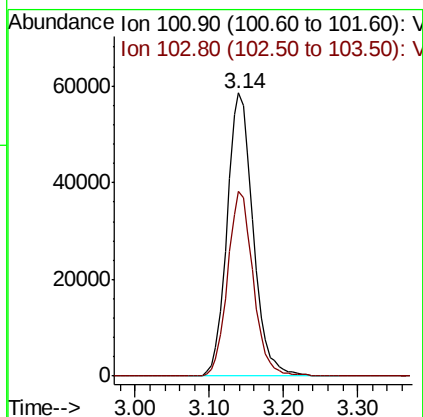
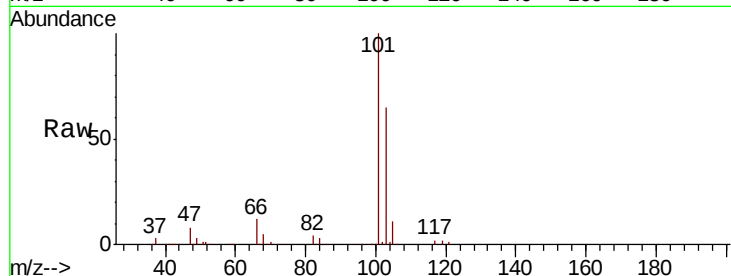


#7

Trichlorofluoromethane
 Concen: 49.343 ug/l
 RT: 3.14 min Scan# 230
 Delta R.T. -0.00 min
 Lab File: VY002299.D
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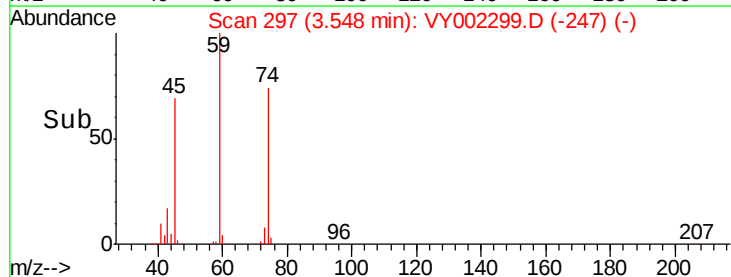
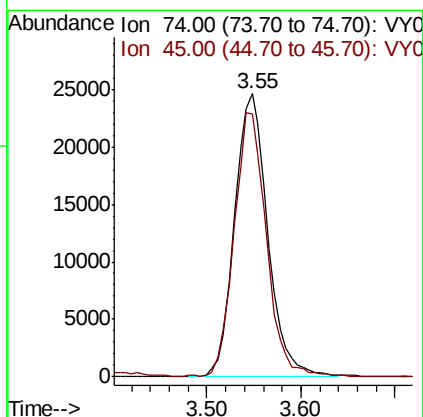
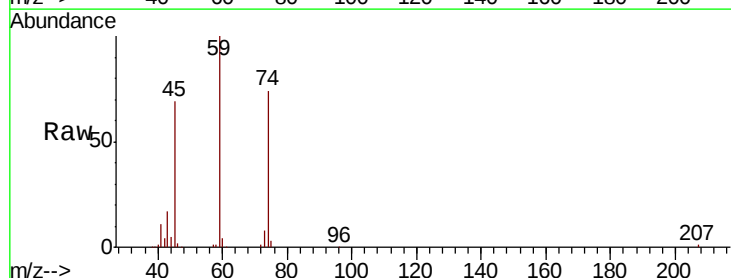
Tot Ion:101 Resp: 143397
 Ion Ratio Lower Upper
 101 100
 103 65.1 53.3 79.9

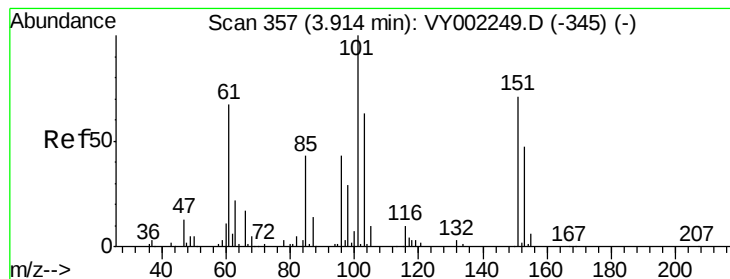


#8

Diethyl Ether
 Concen: 48.860 ug/l
 RT: 3.55 min Scan# 297
 Delta R.T. 0.01 min
 Lab File: VY002299.D
 Acq: 14 Apr 2020 11:21

Tgt Ion: 74 Resp: 60364
 Ion Ratio Lower Upper
 74 100
 45 91.4 48.0 144.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.443 ug/l

RT: 3.92 min Scan# 358

Delta R.T. 0.01 min

Lab File: VY002299.D

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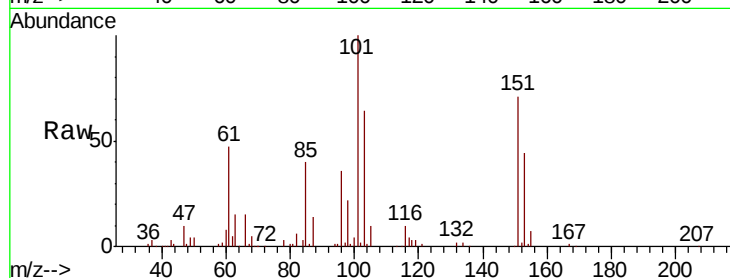
Tot Ion:101 Resp: 99577

Ion Ratio Lower Upper

101 100

85 42.6 34.6 52.0

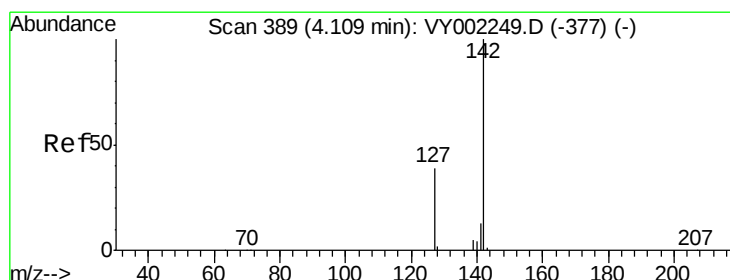
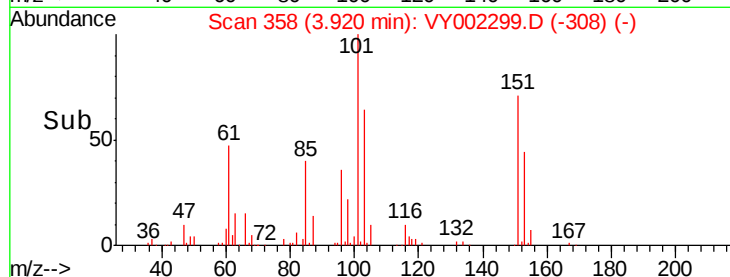
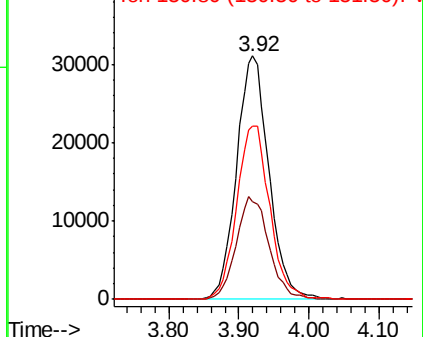
151 72.7 57.6 86.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VY0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 52.888 ug/l

RT: 4.11 min Scan# 390

Delta R.T. 0.01 min

Lab File: VY002299.D

Acq: 14 Apr 2020 11:21

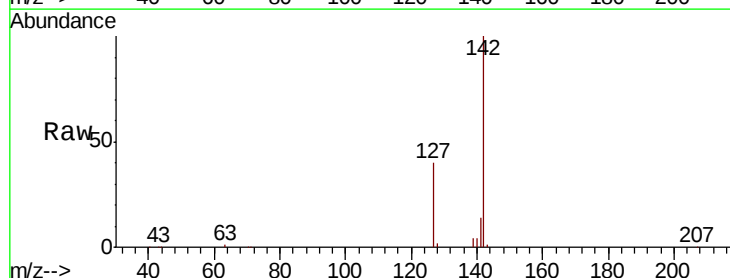
Tgt Ion:142 Resp: 121359

Ion Ratio Lower Upper

142 100

127 38.8 32.4 48.6

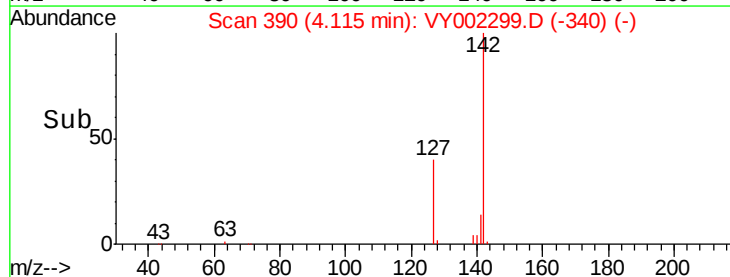
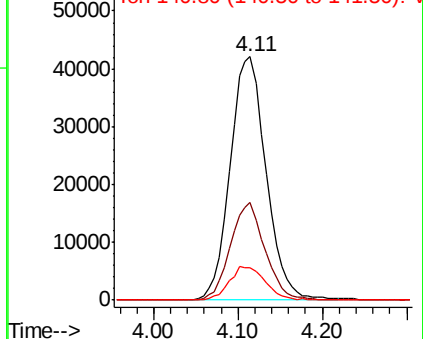
141 13.9 11.2 16.8

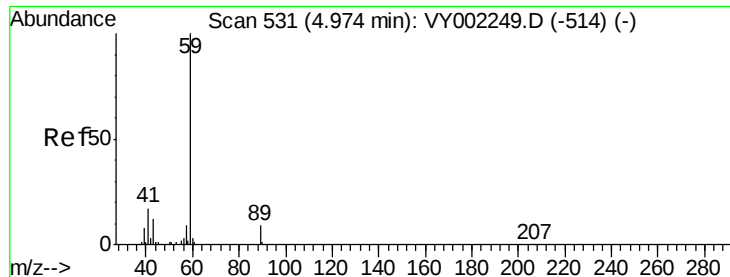


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

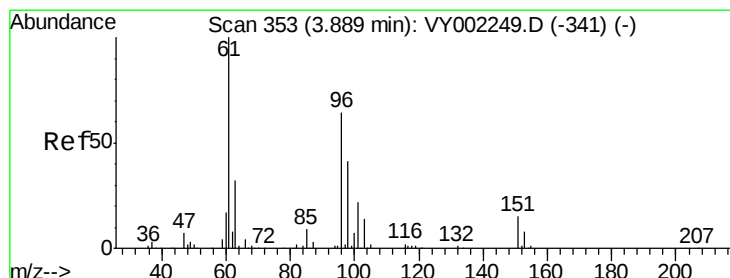
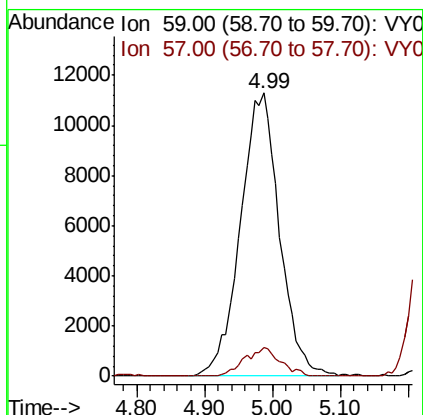
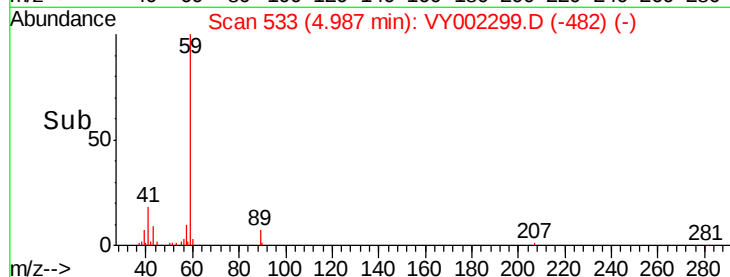
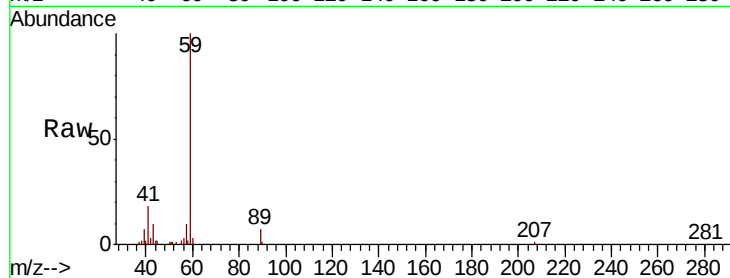




#11
Tert butyl alcohol
Concen: 225.900 ug/l
RT: 4.99 min Scan# 533
Delta R.T. 0.01 min
Lab File: VY002299.D
Acq: 14 Apr 2020 11:21

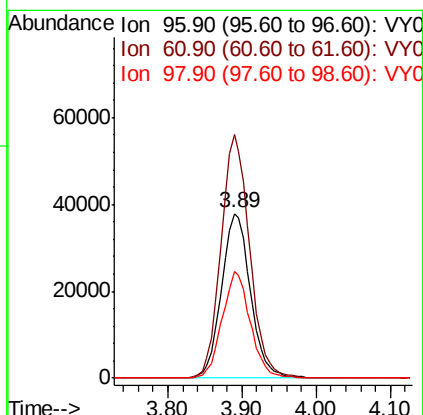
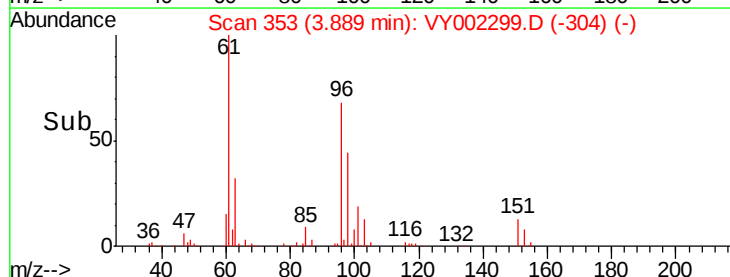
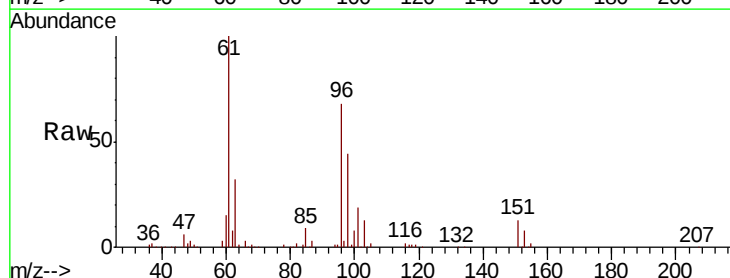
Instrument :
MSVOA_Y
ClientSampleId :

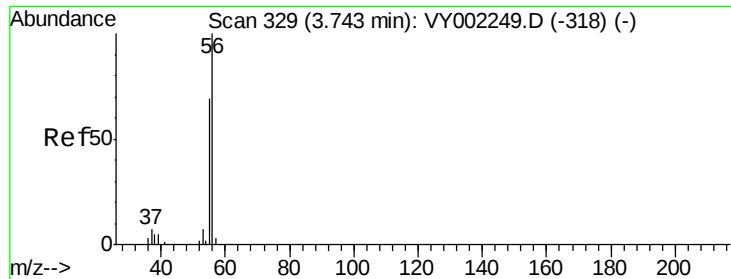
Tot Ion: 59 Resp: 45116
Ion Ratio Lower Upper
59 100
57 9.0 6.6 9.8



#12
1,1-Dichloroethene
Concen: 51.309 ug/l
RT: 3.89 min Scan# 353
Delta R.T. -0.00 min
Lab File: VY002299.D
Acq: 14 Apr 2020 11:21

Tgt Ion: 96 Resp: 102976
Ion Ratio Lower Upper
96 100
61 147.9 125.9 188.9
98 64.6 51.1 76.7

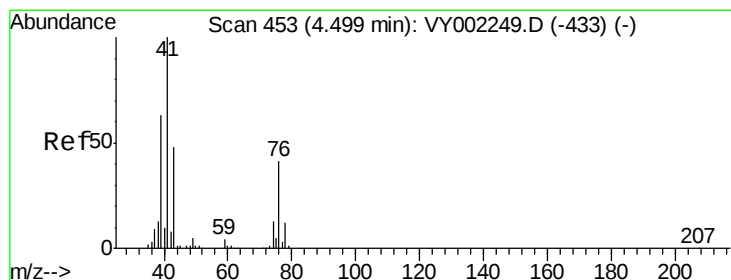
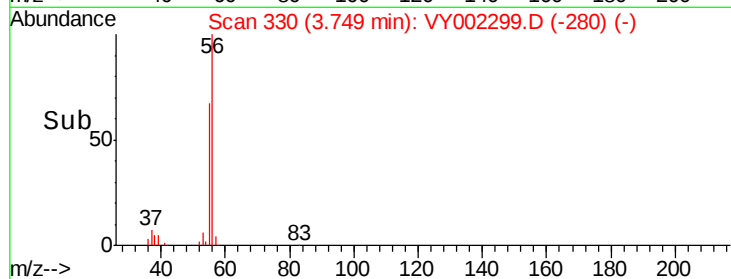
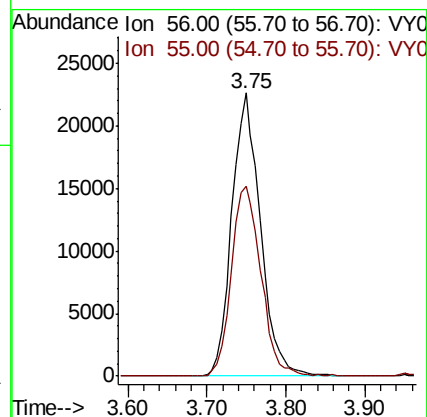
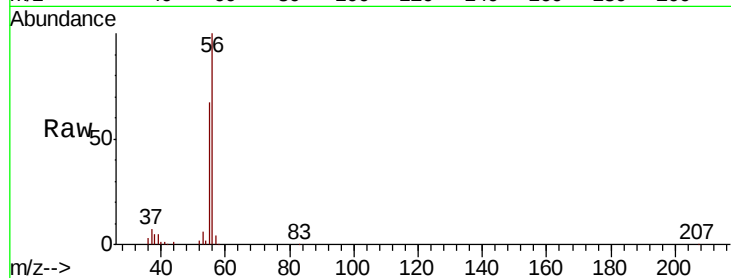




#13
Acrolein
Concen: 239.854 ug/l
RT: 3.75 min Scan# 330
Delta R.T. 0.01 min
Lab File: VY002299.D
Acq: 14 Apr 2020 11:21

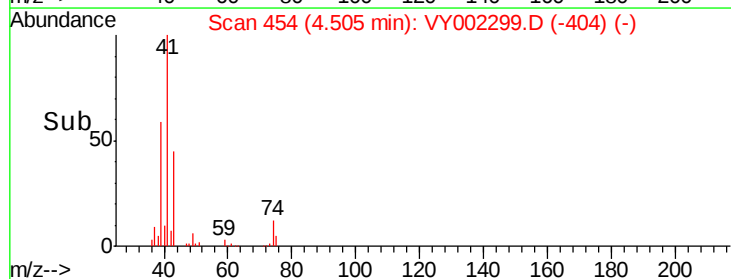
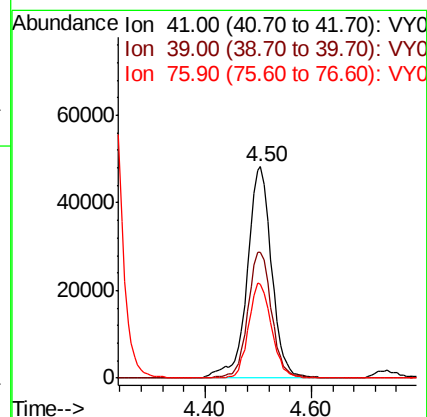
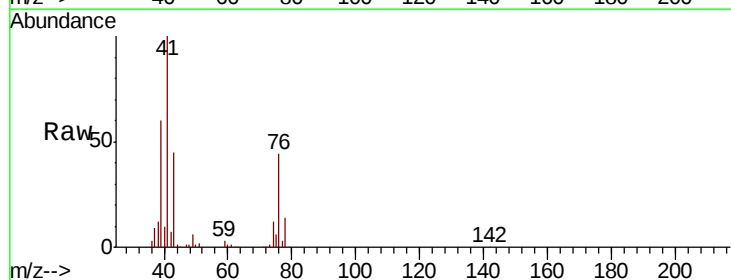
Instrument :
MSVOA_Y
ClientSampled :

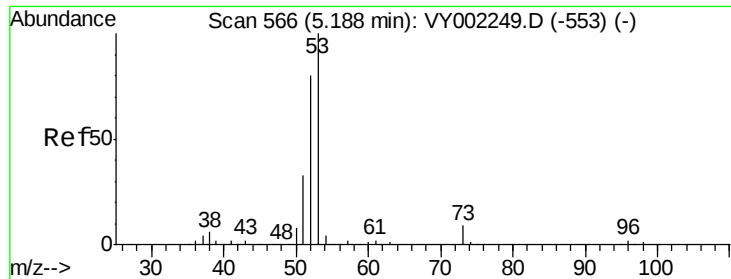
Tot Ion: 56 Resp: 57164
Ion Ratio Lower Upper
56 100
55 69.3 55.8 83.8



#14
Allyl chloride
Concen: 46.918 ug/l
RT: 4.50 min Scan# 454
Delta R.T. 0.01 min
Lab File: VY002299.D
Acq: 14 Apr 2020 11:21

Tgt Ion: 41 Resp: 152059
Ion Ratio Lower Upper
41 100
39 58.4 48.0 72.0
76 42.2 31.0 46.6

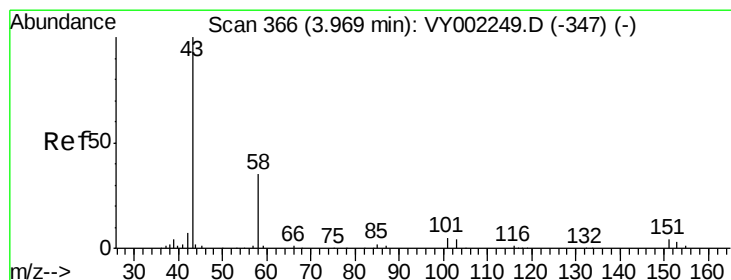
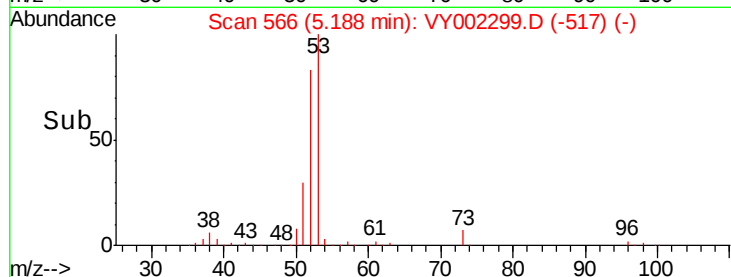
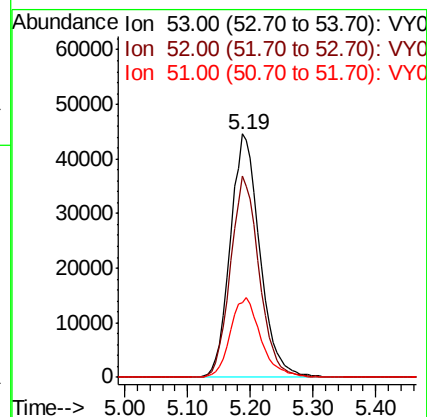
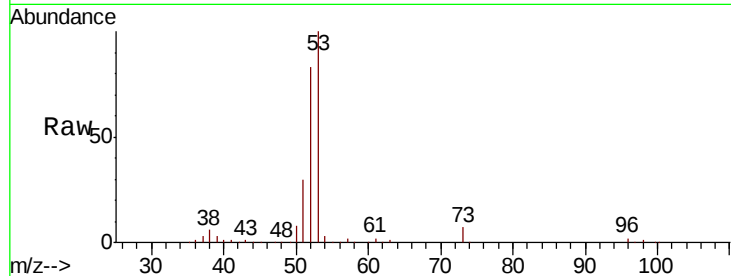




#15
 Acrylonitrile
 Concen: 230.313 ug/l
 RT: 5.19 min Scan# 566
 Delta R.T. -0.00 min
 Lab File: VY002299.D
 Acq: 14 Apr 2020 11:21

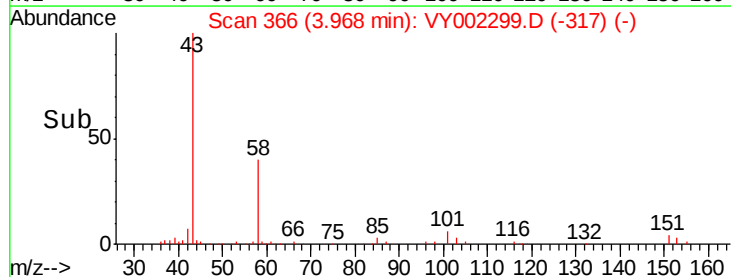
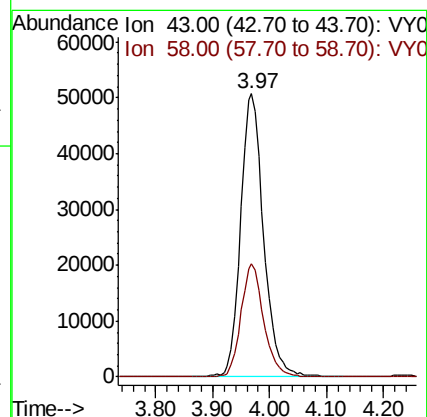
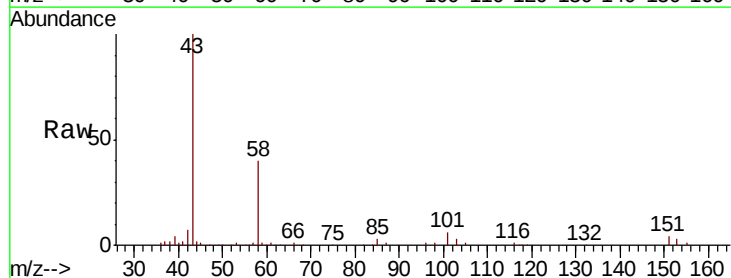
Instrument :
 MSVOA_Y
 ClientSampleId :

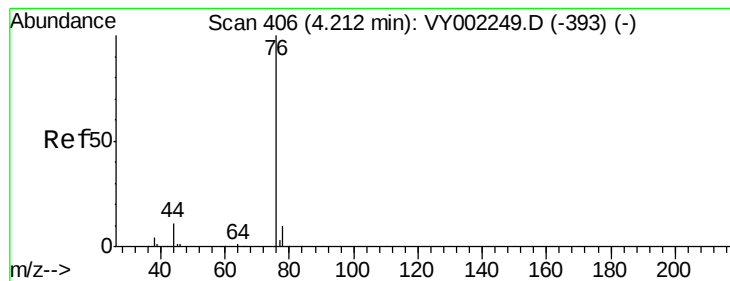
Tot Ion: 53 Resp: 145509
 Ion Ratio Lower Upper
 53 100
 52 80.0 65.1 97.7
 51 33.9 27.1 40.7



#16
 Acetone
 Concen: 294.595 ug/l
 RT: 3.97 min Scan# 366
 Delta R.T. -0.00 min
 Lab File: VY002299.D
 Acq: 14 Apr 2020 11:21

Tgt Ion: 43 Resp: 143420
 Ion Ratio Lower Upper
 43 100
 58 40.0 28.5 42.7





#17

Carbon Disulfide

Concen: 50.159 ug/l

RT: 4.21 min Scan# 406

Delta R.T. -0.00 min

Lab File: VY002299.D

Acq: 14 Apr 2020 11:21

Instrument :

MSVOA_Y

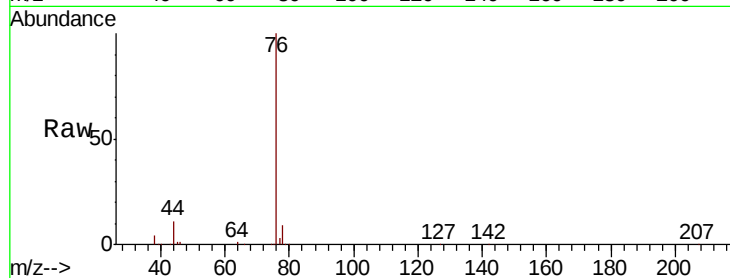
ClientSampled :

Tot Ion: 76 Resp: 334326

Ion Ratio Lower Upper

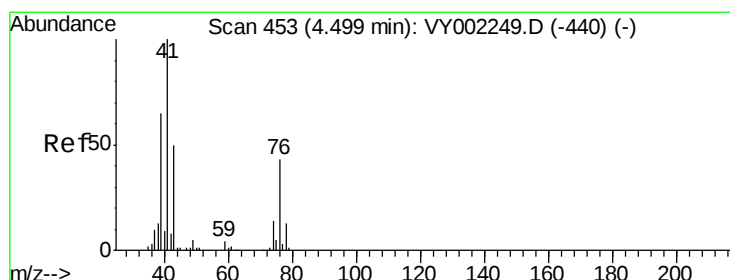
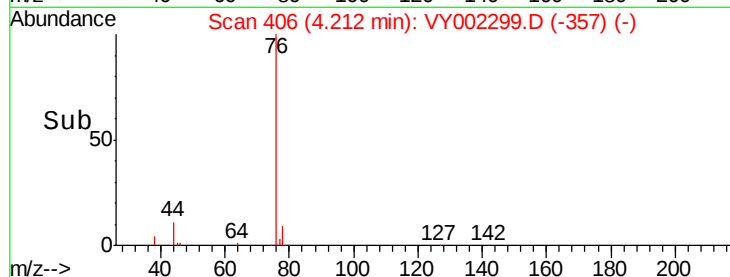
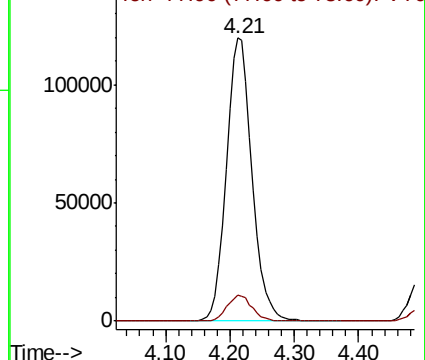
76 100

78 9.2 7.7 11.5



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 43.968 ug/l

RT: 4.50 min Scan# 453

Delta R.T. -0.00 min

Lab File: VY002299.D

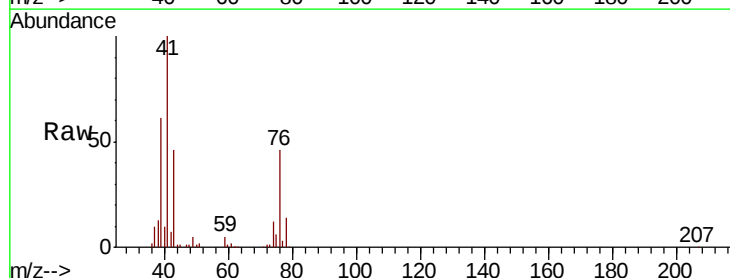
Acq: 14 Apr 2020 11:21

Tgt Ion: 43 Resp: 66395

Ion Ratio Lower Upper

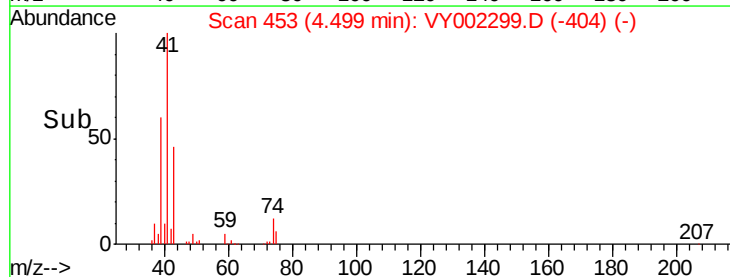
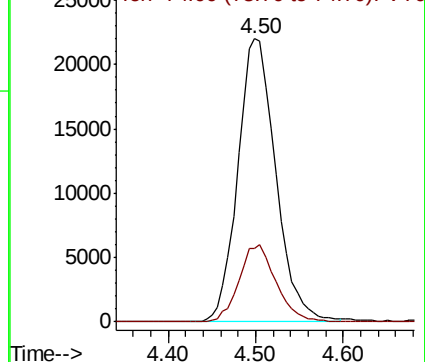
43 100

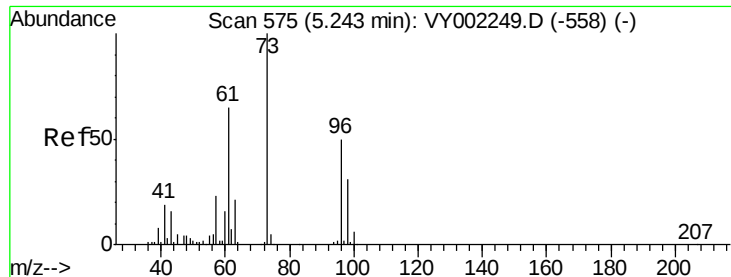
74 26.5 20.3 30.5



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0

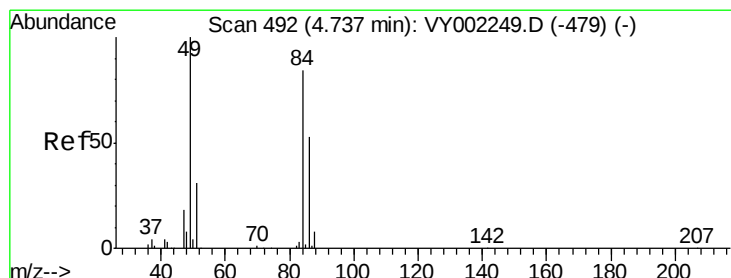
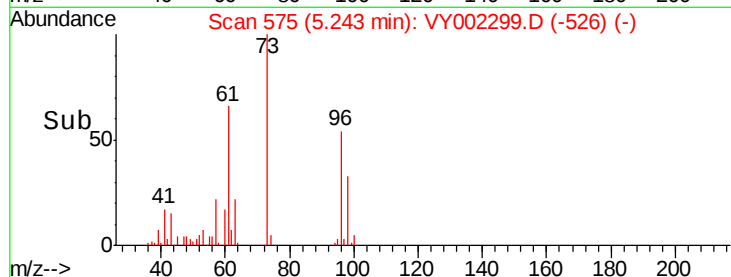
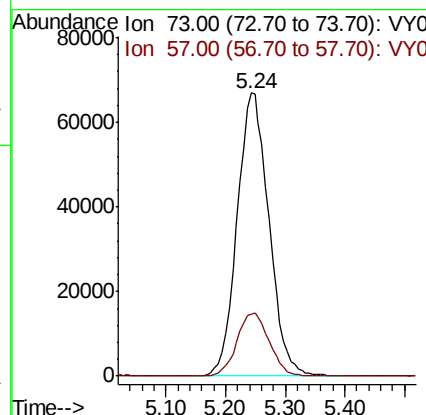
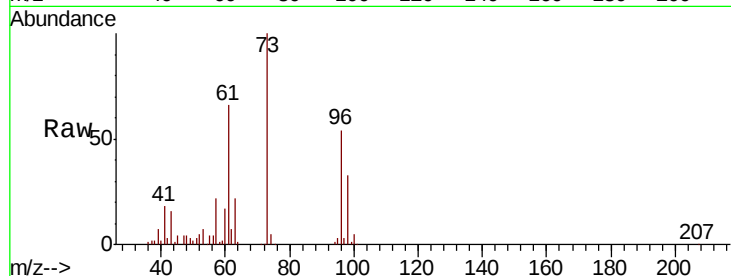




#19
Methyl tert-butyl Ether
Concen: 46.963 ug/l
RT: 5.24 min Scan# 575
Delta R.T. -0.00 min
Lab File: VY002299.D
Acq: 14 Apr 2020 11:21

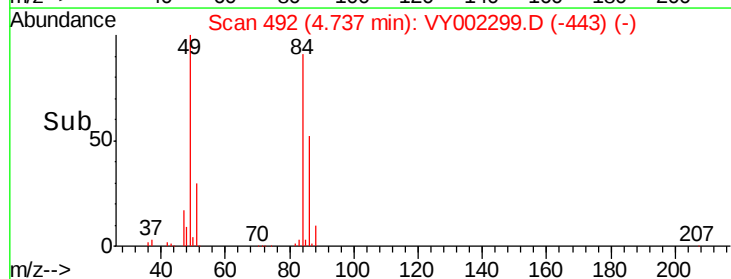
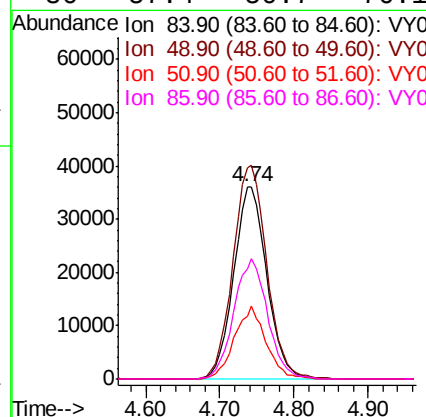
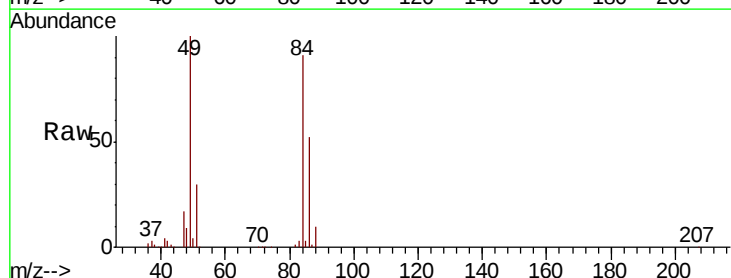
Instrument :
MSVOA_Y
ClientSampled :

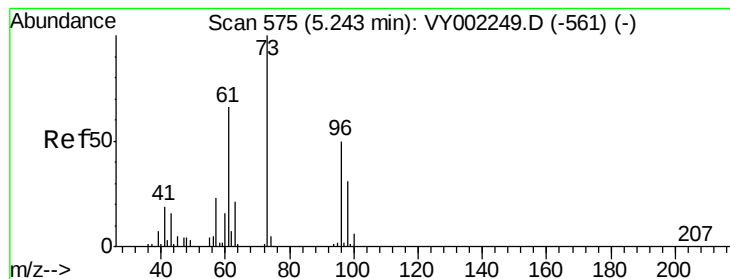
Tot Ion: 73 Resp: 247792
Ion Ratio Lower Upper
73 100
57 22.0 18.7 28.1



#20
Methylene Chloride
Concen: 47.065 ug/l
RT: 4.74 min Scan# 492
Delta R.T. -0.00 min
Lab File: VY002299.D
Acq: 14 Apr 2020 11:21

Tgt Ion: 84 Resp: 112621
Ion Ratio Lower Upper
84 100
49 109.8 95.5 143.3
51 32.8 29.5 44.3
86 57.4 50.7 76.1





#21

trans-1,2-Dichloroethene

Concen: 49.751 ug/l

RT: 5.24 min Scan# 575

Delta R.T. -0.00 min

Lab File: VY002299.D

Acq: 14 Apr 2020 11:21

Instrument :
MSVOA_Y
ClientSampleId :

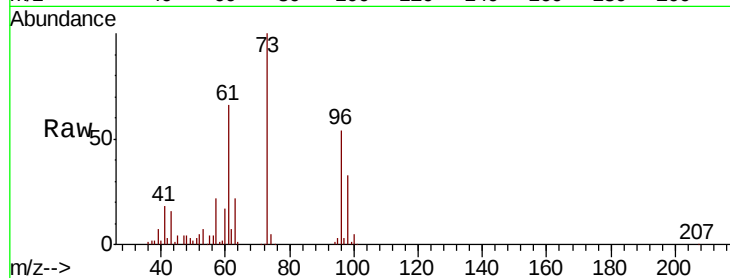
Tot Ion: 96 Resp: 112075

Ion Ratio Lower Upper

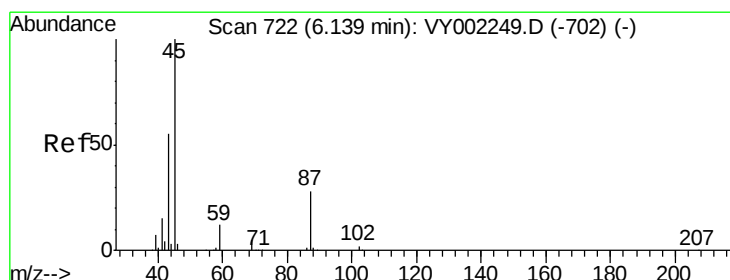
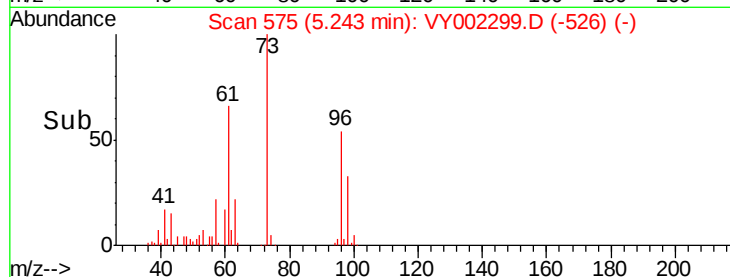
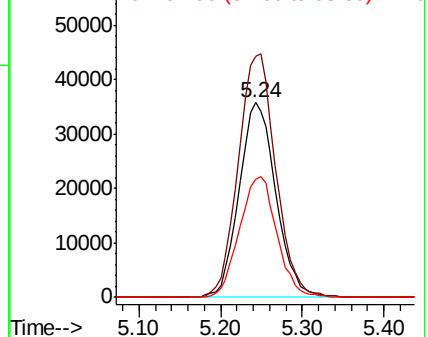
96 100

61 123.9 104.6 157.0

98 61.0 50.1 75.1



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



#22

Diisopropyl ether

Concen: 45.817 ug/l

RT: 6.14 min Scan# 723

Delta R.T. 0.01 min

Lab File: VY002299.D

Acq: 14 Apr 2020 11:21

Tgt Ion: 45 Resp: 298827

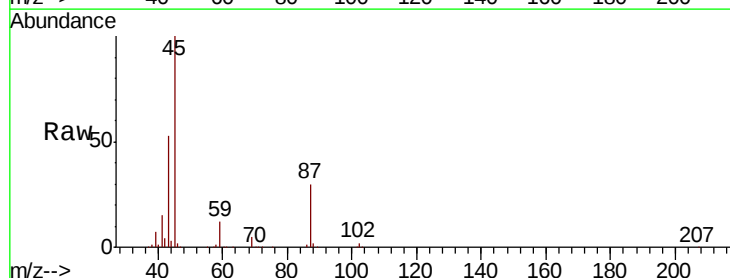
Ion Ratio Lower Upper

45 100

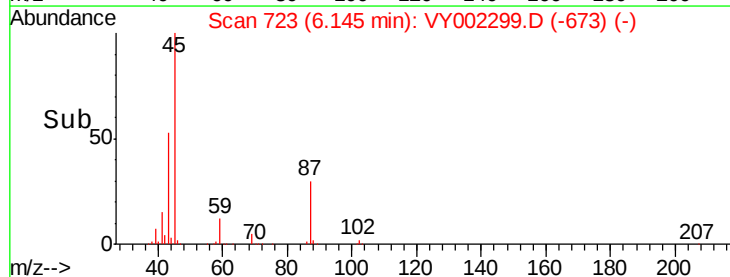
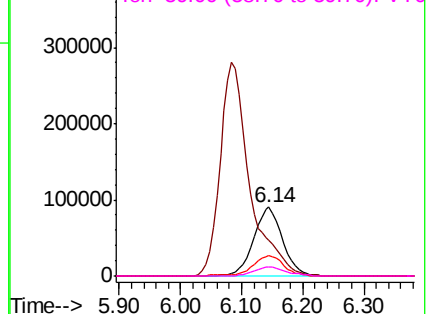
43 52.3 44.7 67.1

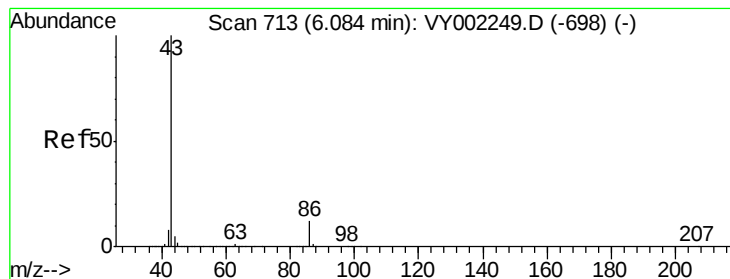
87 29.8 23.0 34.4

59 12.2 10.1 15.1



Abundance Ion 45.00 (44.70 to 45.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 87.00 (86.70 to 87.70): VY0
Ion 59.00 (58.70 to 59.70): VY0





#23

Vinyl Acetate

Concen: 226.220 ug/l

RT: 6.08 min Scan# 713

Delta R.T. -0.00 min

Lab File: VY002299.D

Acq: 14 Apr 2020 11:21

Instrument :

MSVOA_Y

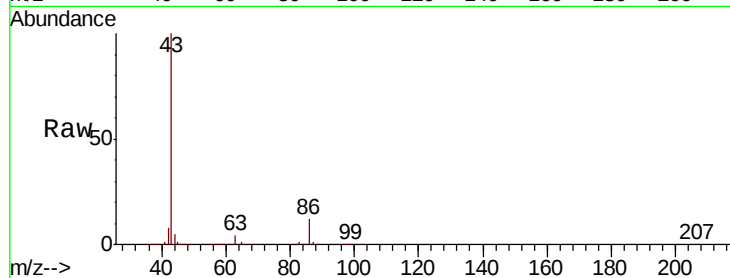
ClientSampleId :

Tot Ion: 43 Resp: 940248

Ion Ratio Lower Upper

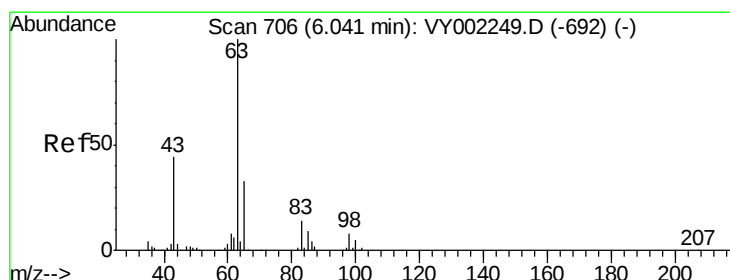
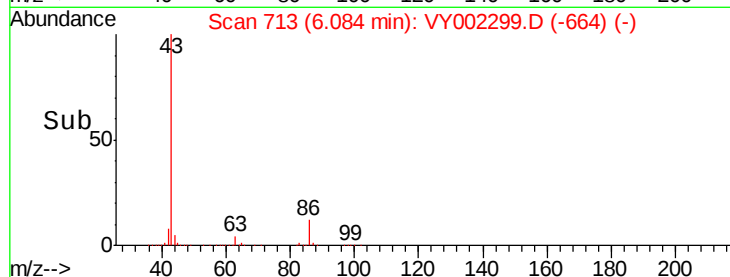
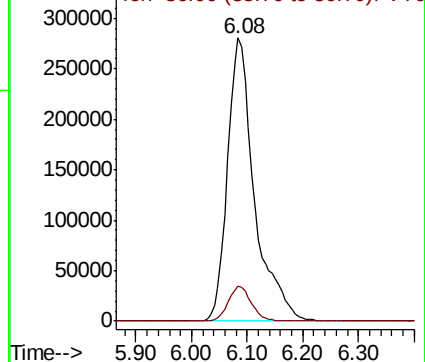
43 100

86 12.4 9.2 13.8



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 48.473 ug/l

RT: 6.05 min Scan# 707

Delta R.T. 0.01 min

Lab File: VY002299.D

Acq: 14 Apr 2020 11:21

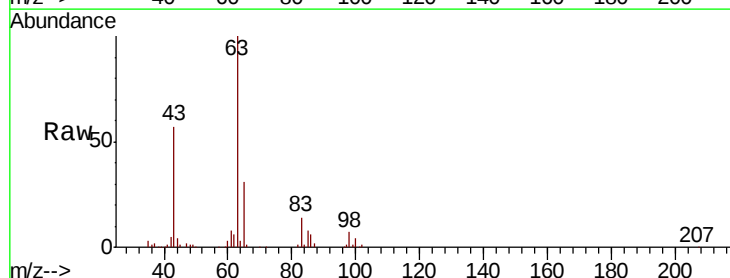
Tgt Ion: 63 Resp: 179825

Ion Ratio Lower Upper

63 100

98 7.4 4.0 12.0

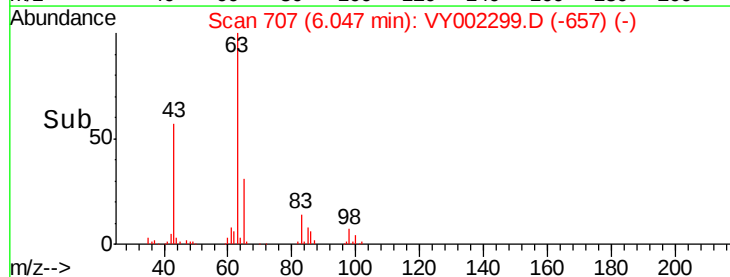
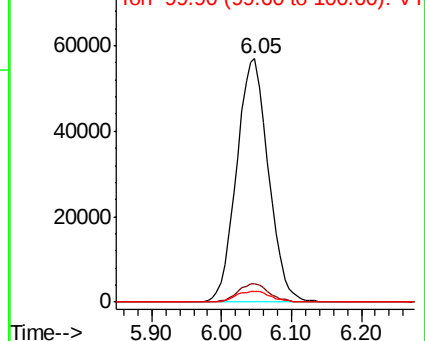
100 4.3 2.4 7.1

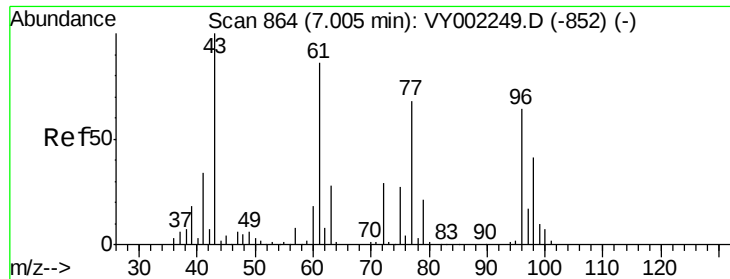


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0

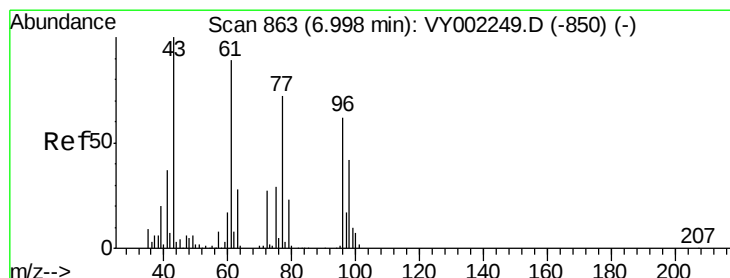
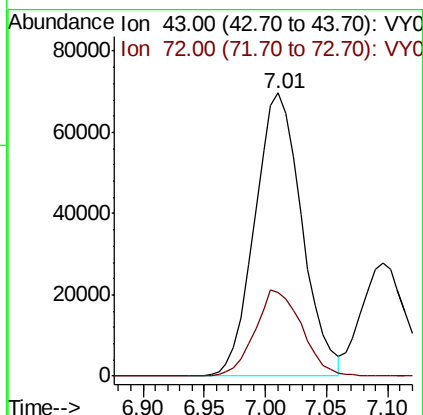
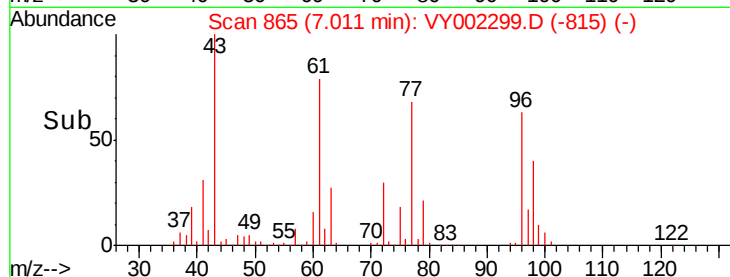
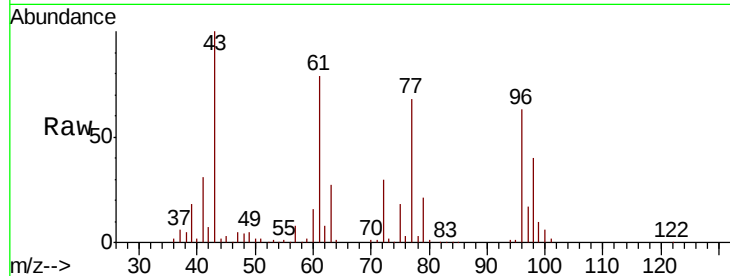




#25
2-Butanone
Concen: 242.562 ug/l
RT: 7.01 min Scan# 865
Delta R.T. 0.01 min
Lab File: VY002299.D
Acq: 14 Apr 2020 11:21

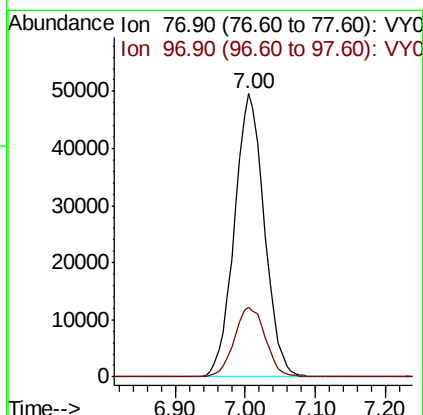
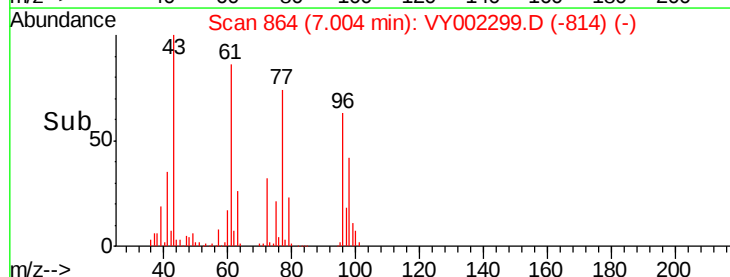
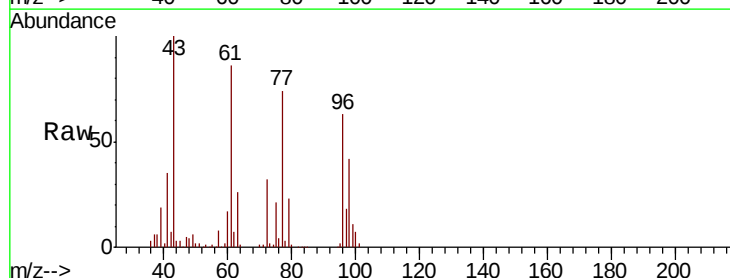
Instrument :
MSVOA_Y
ClientSampled :

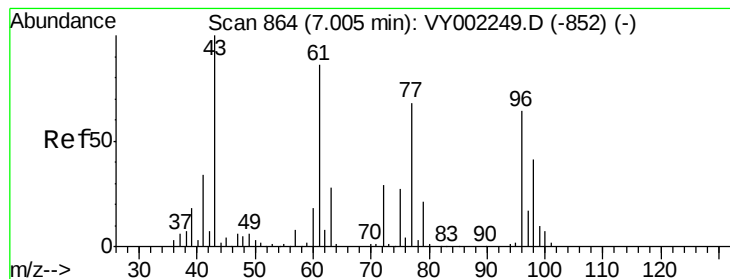
Tot Ion: 43 Resp: 186881
Ion Ratio Lower Upper
43 100
72 29.6 23.2 34.8



#26
2,2-Dichloropropane
Concen: 47.463 ug/l
RT: 7.00 min Scan# 864
Delta R.T. 0.01 min
Lab File: VY002299.D
Acq: 14 Apr 2020 11:21

Tgt Ion: 77 Resp: 147291
Ion Ratio Lower Upper
77 100
97 25.4 12.2 36.6



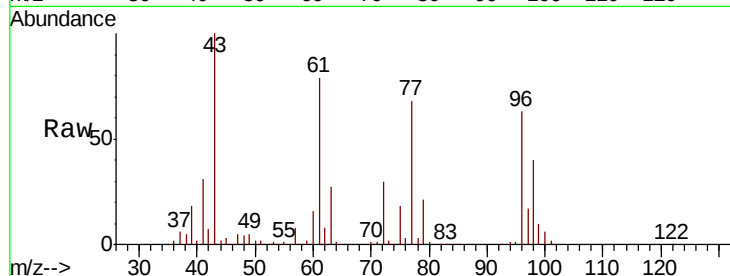


#27

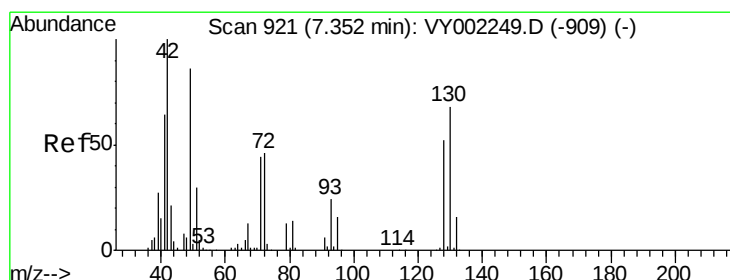
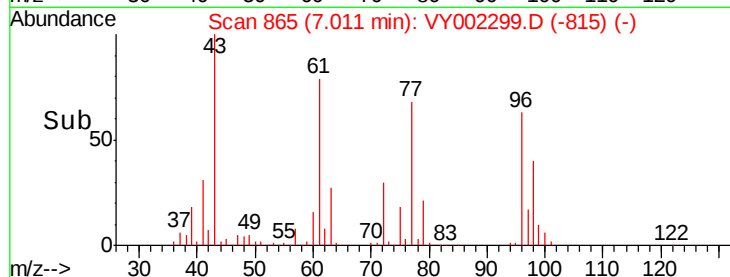
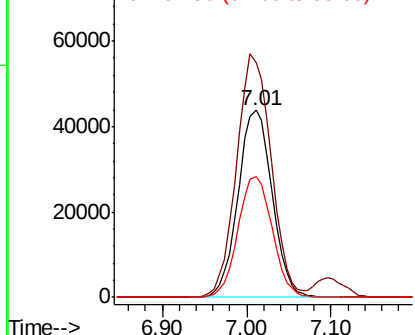
cis-1,2-Dichloroethene
Concen: 48.842 ug/l
RT: 7.01 min Scan# 865
Delta R.T. 0.01 min
Lab File: VY002299.D
Acq: 14 Apr 2020 11:21

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 96 Resp: 119941
Ion Ratio Lower Upper
96 100
61 131.8 0.0 278.0
98 64.9 0.0 128.6



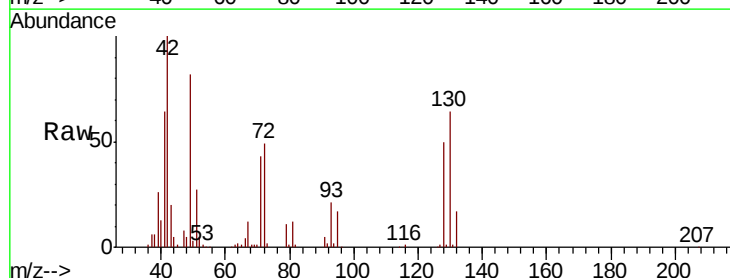
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



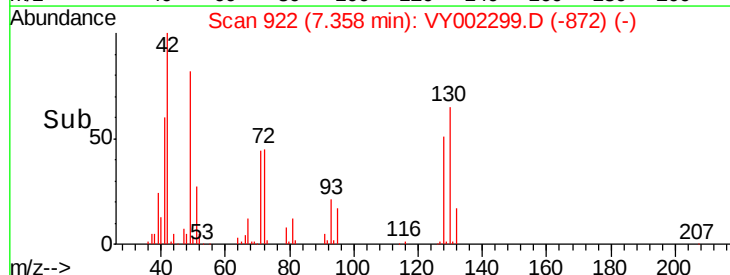
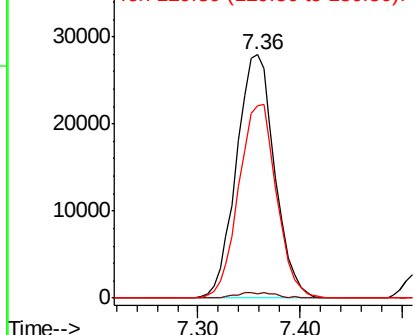
#28

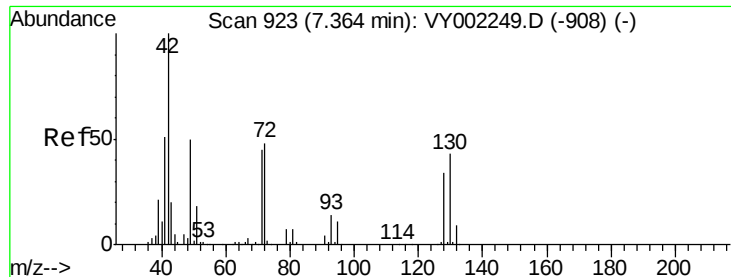
Bromochloromethane
Concen: 45.451 ug/l
RT: 7.36 min Scan# 922
Delta R.T. 0.01 min
Lab File: VY002299.D
Acq: 14 Apr 2020 11:21

Tgt Ion: 49 Resp: 72786
Ion Ratio Lower Upper
49 100
129 2.3 0.0 4.2
130 78.9 60.9 91.3



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

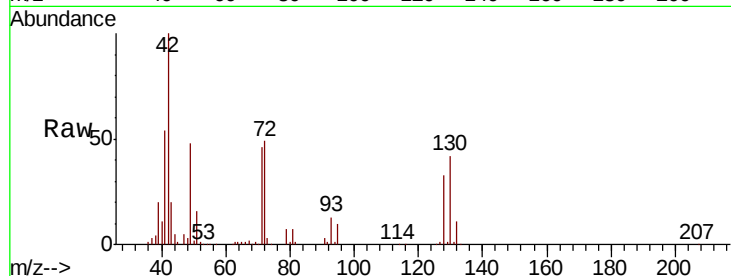




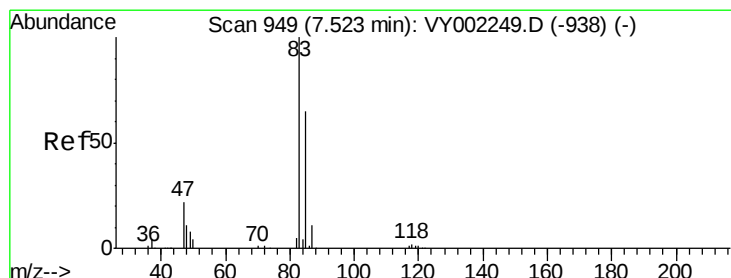
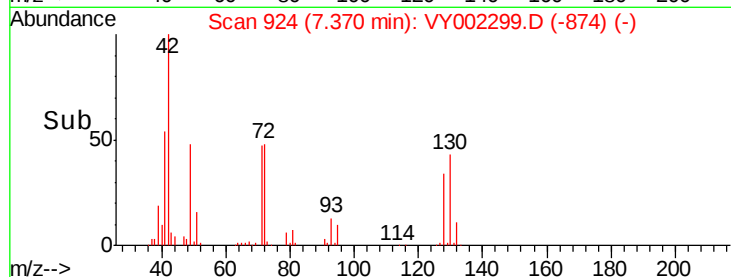
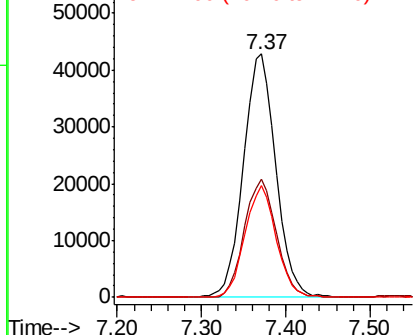
#29
Tetrahydrofuran
Concen: 219.077 ug/l
RT: 7.37 min Scan# 924
Delta R.T. 0.01 min
Lab File: VY002299.D
Acq: 14 Apr 2020 11:21

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 42 Resp: 111572
Ion Ratio Lower Upper
42 100
72 48.1 36.7 55.1
71 44.2 34.7 52.1

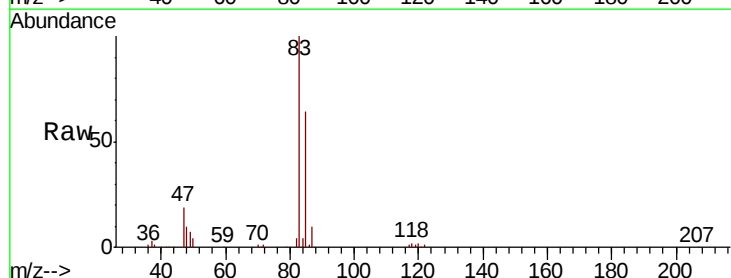


Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

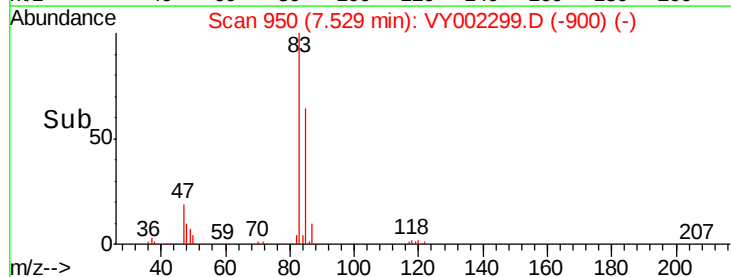
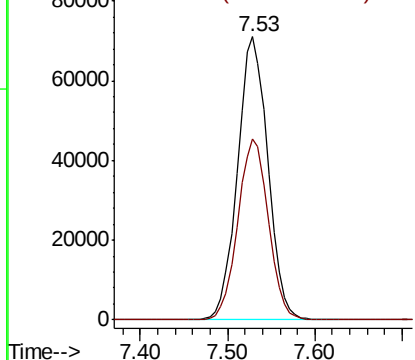


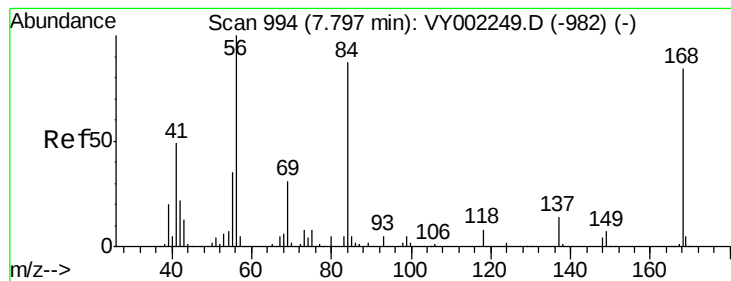
#30
Chloroform
Concen: 48.926 ug/l
RT: 7.53 min Scan# 950
Delta R.T. 0.01 min
Lab File: VY002299.D
Acq: 14 Apr 2020 11:21

Tgt Ion: 83 Resp: 171095
Ion Ratio Lower Upper
83 100
85 63.8 52.0 78.0



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





#31

Cyclohexane

Concen: 46.449 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.01 min

Lab File: VY002299.D

Acq: 14 Apr 2020 11:21

Instrument :

MSVOA_Y

ClientSampled :

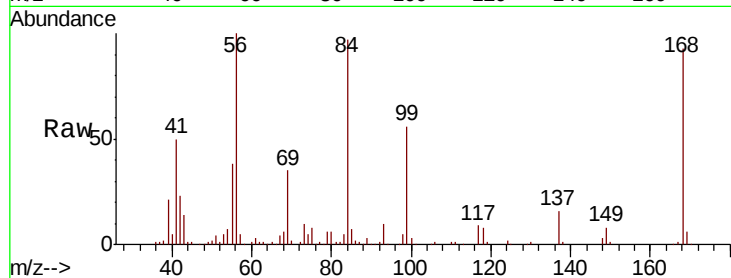
Tot Ion: 56 Resp: 180875

Ion Ratio Lower Upper

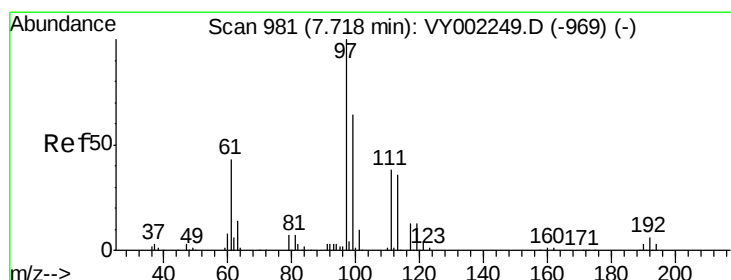
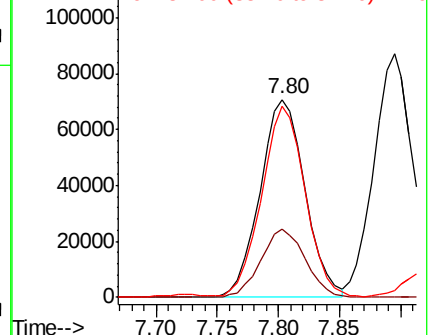
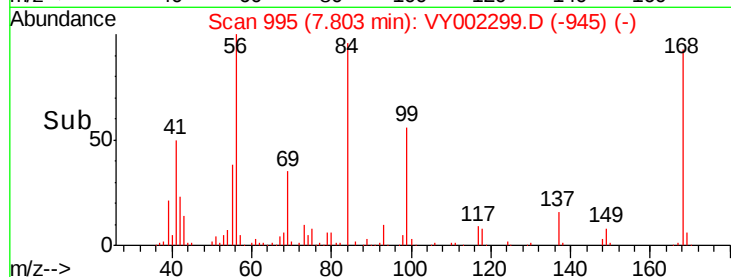
56 100

69 34.9 25.0 37.6

84 95.3 69.7 104.5



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



#32

1,1,1-Trichloroethane

Concen: 49.755 ug/l

RT: 7.72 min Scan# 982

Delta R.T. 0.01 min

Lab File: VY002299.D

Acq: 14 Apr 2020 11:21

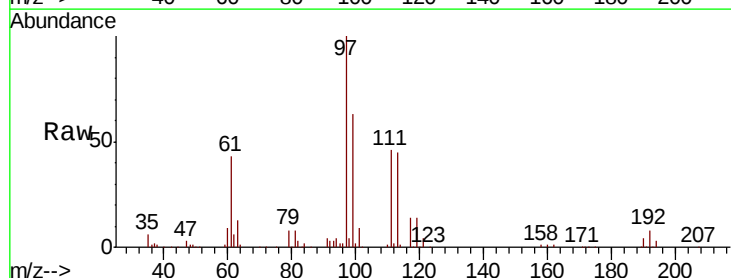
Tgt Ion: 97 Resp: 144820

Ion Ratio Lower Upper

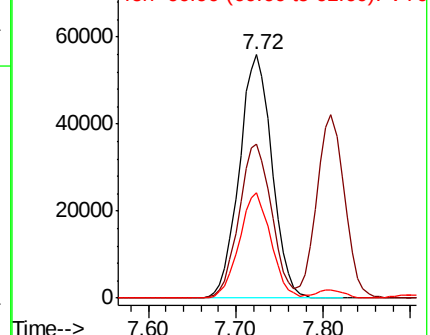
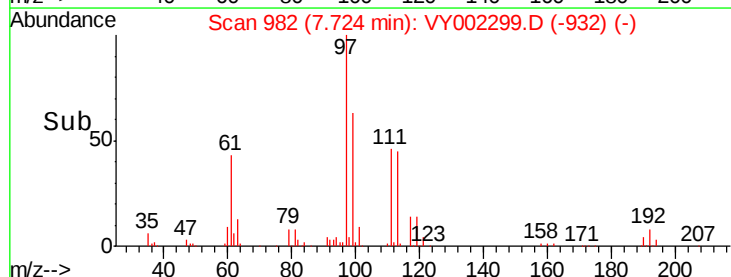
97 100

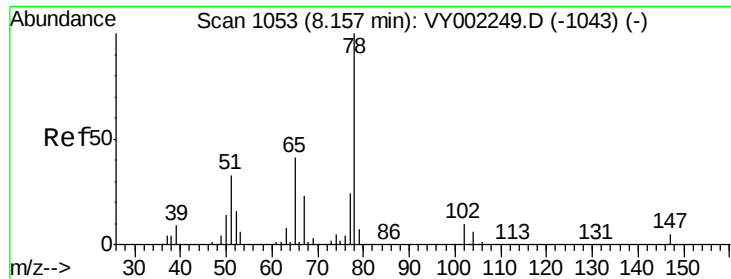
99 63.2 51.3 76.9

61 42.0 34.3 51.5



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

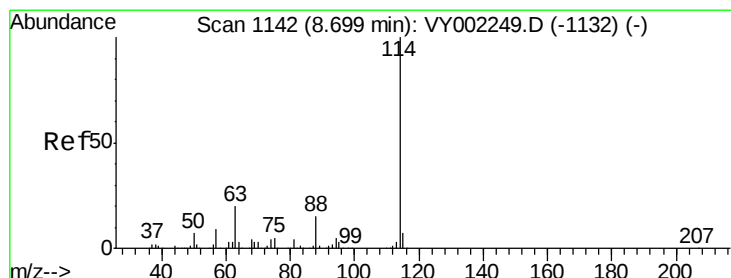
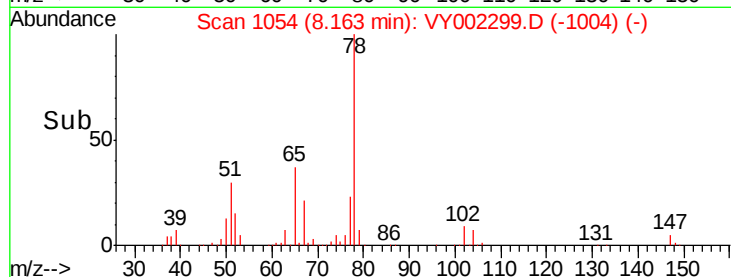
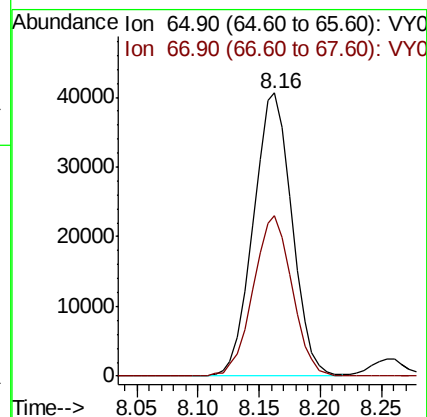
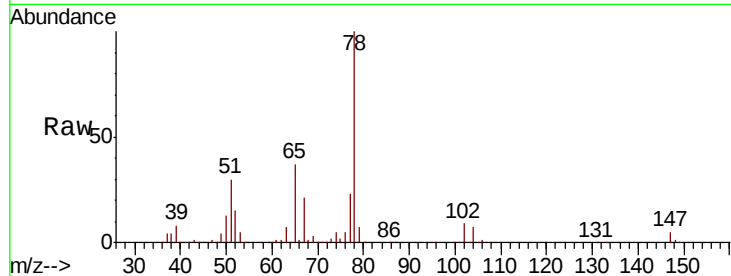




#33
 1,2-Dichloroethane-d4
 Concen: 48.299 ug/l
 RT: 8.16 min Scan# 1054
 Delta R.T. 0.01 min
 Lab File: VY002299.D
 Acq: 14 Apr 2020 11:21

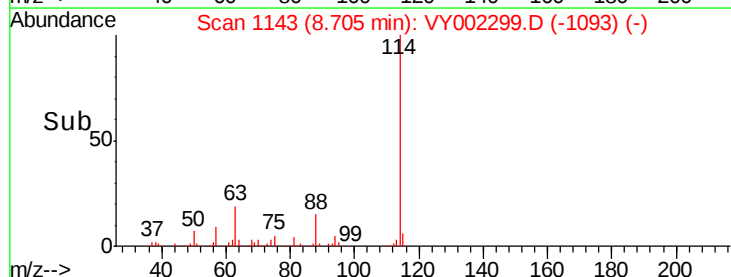
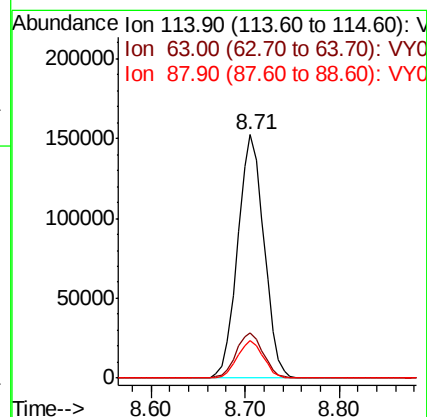
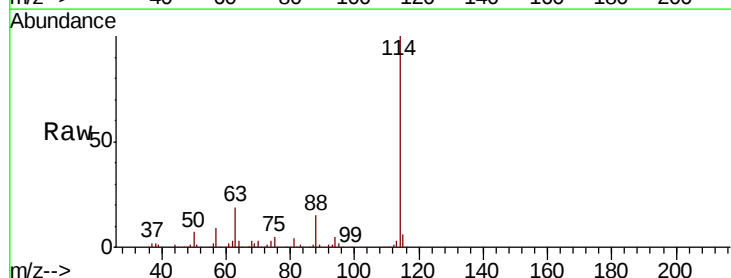
Instrument :
 MSVOA_Y
 ClientSampleId :

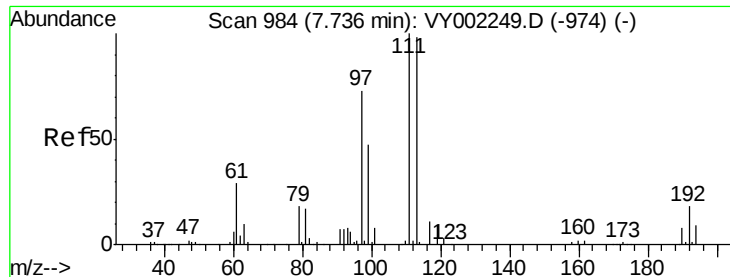
Tot Ion: 65 Resp: 89276
 Ion Ratio Lower Upper
 65 100
 67 56.9 0.0 114.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. 0.01 min
 Lab File: VY002299.D
 Acq: 14 Apr 2020 11:21

Tgt Ion: 114 Resp: 294817
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 39.0
 88 15.5 0.0 31.0

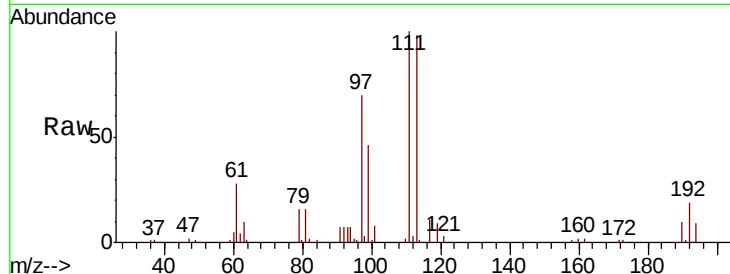




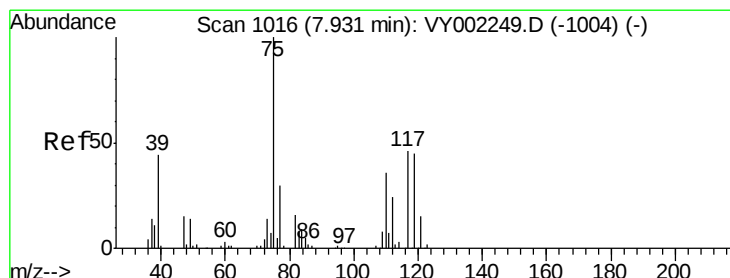
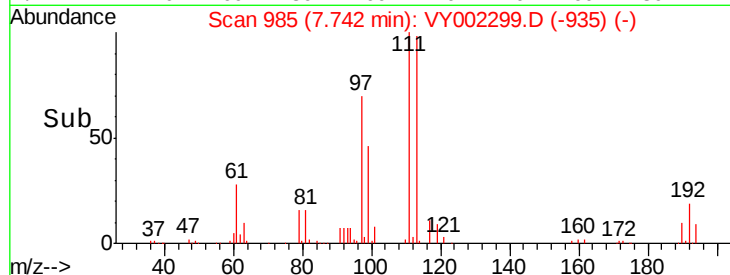
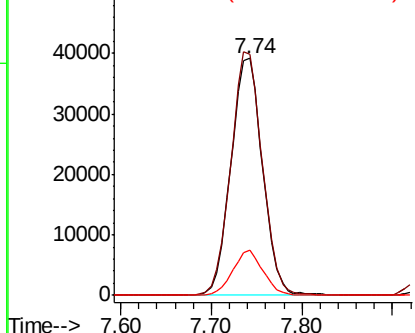
#35
 Dibromofluoromethane
 Concen: 53.926 ug/l
 RT: 7.74 min Scan# 985
 Delta R.T. 0.01 min
 Lab File: VY002299.D
 Acq: 14 Apr 2020 11:21

Instrument :
 MSVOA_Y
 ClientSampled :

Tot Ion:113 Resp: 94601
 Ion Ratio Lower Upper
 113 100
 111 102.3 83.5 125.3
 192 18.1 14.7 22.1

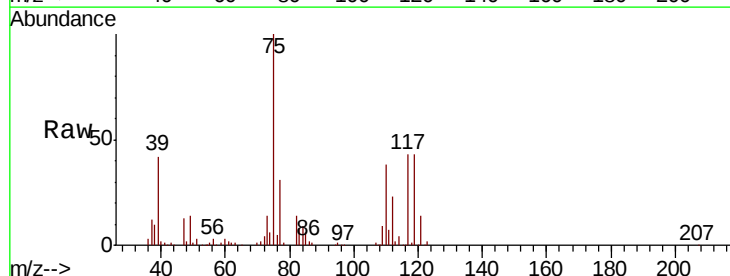


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

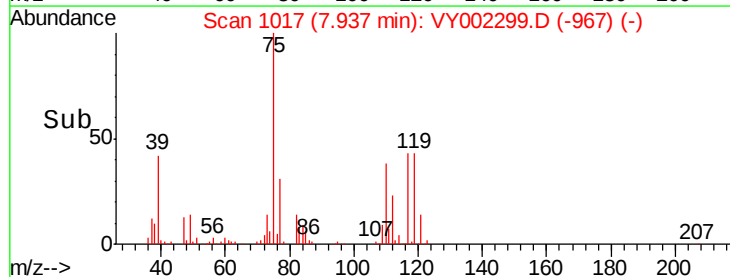
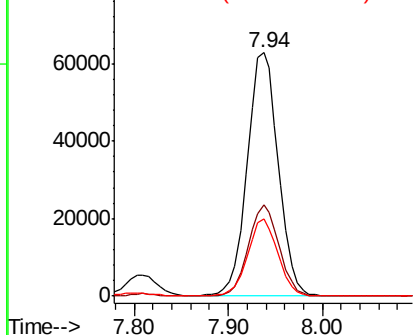


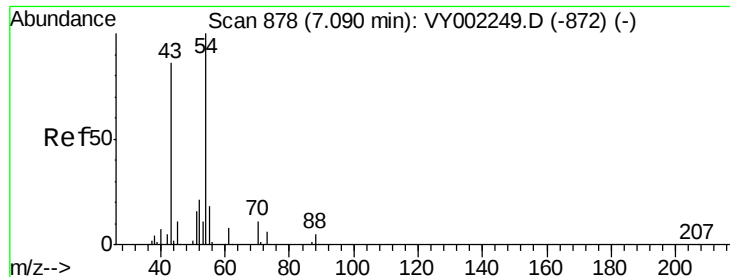
#36
 1,1-Dichloropropene
 Concen: 50.249 ug/l
 RT: 7.94 min Scan# 1017
 Delta R.T. 0.01 min
 Lab File: VY002299.D
 Acq: 14 Apr 2020 11:21

Tgt Ion: 75 Resp: 145918
 Ion Ratio Lower Upper
 75 100
 110 36.7 17.8 53.3
 77 30.9 24.4 36.6



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

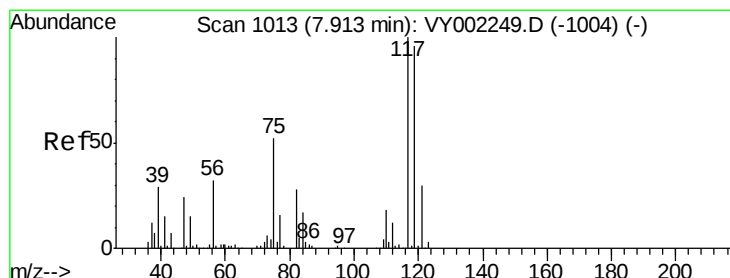
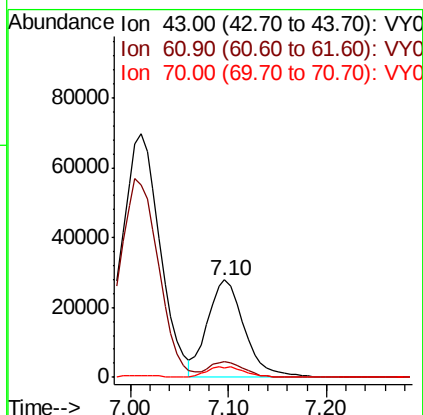
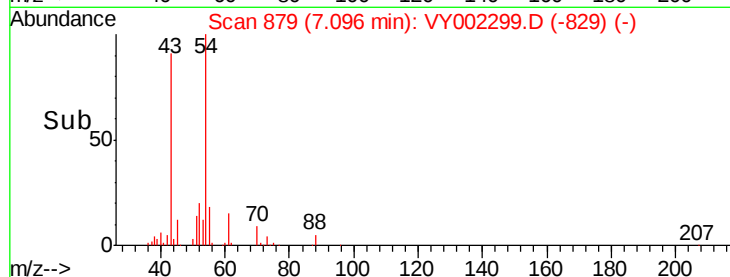
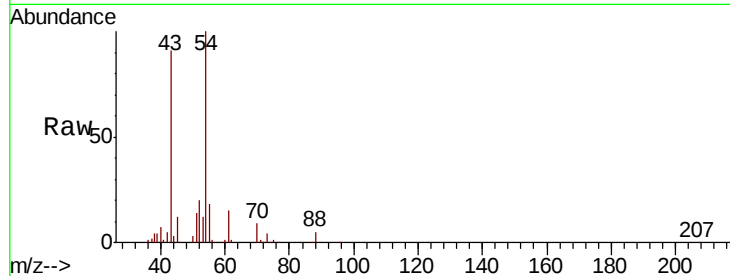




#37
Ethyl Acetate
Concen: 43.792 ug/l
RT: 7.10 min Scan# 879
Delta R.T. 0.01 min
Lab File: VY002299.D
Acq: 14 Apr 2020 11:21

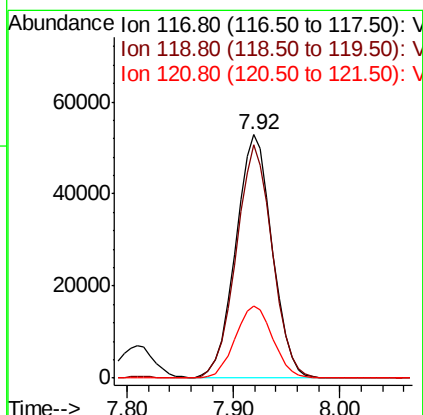
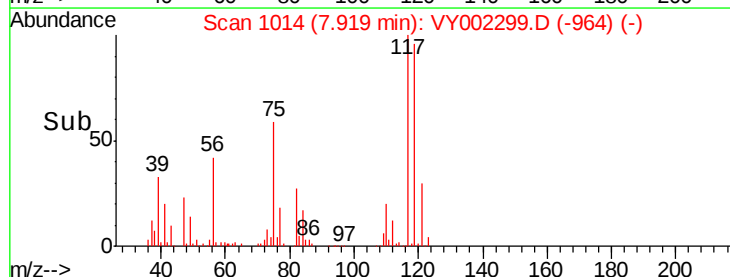
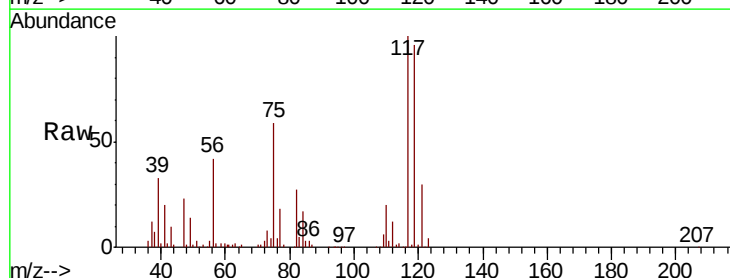
Instrument :
MSVOA_Y
ClientSampleId :

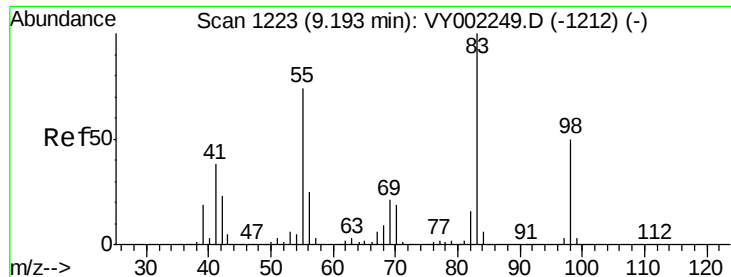
Tot Ion: 43 Resp: 72648
Ion Ratio Lower Upper
43 100
61 16.1 11.8 17.6
70 11.6 9.1 13.7



#38
Carbon Tetrachloride
Concen: 51.248 ug/l
RT: 7.92 min Scan# 1014
Delta R.T. 0.01 min
Lab File: VY002299.D
Acq: 14 Apr 2020 11:21

Tgt Ion: 117 Resp: 127296
Ion Ratio Lower Upper
117 100
119 95.7 77.1 115.7
121 29.8 23.9 35.9

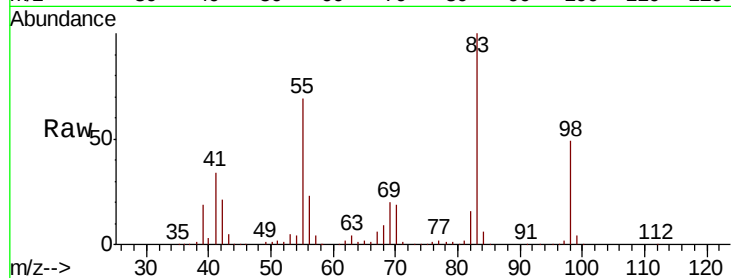




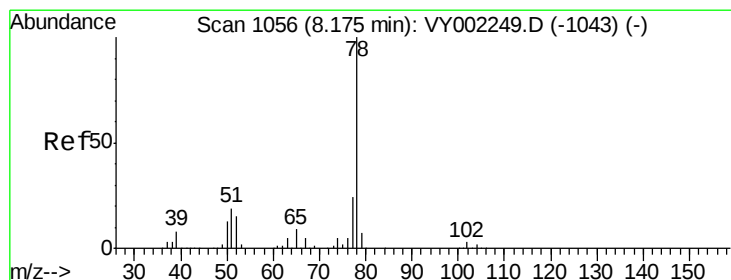
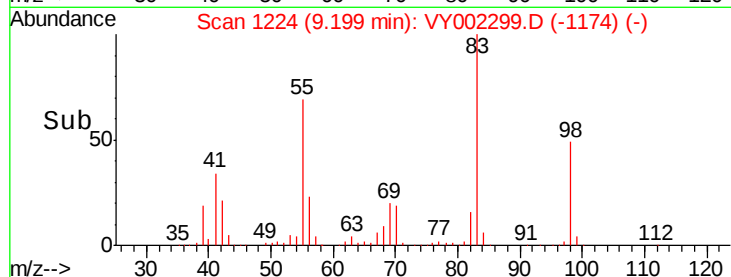
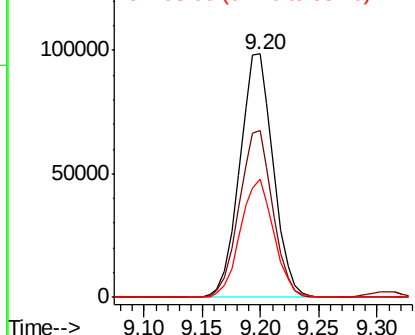
#39
Methvlcvclohexane
Concen: 50.126 ug/l
RT: 9.20 min Scan# 1224
Delta R.T. 0.01 min
Lab File: VY002299.D
Acq: 14 Apr 2020 11:21

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 83 Resp: 198006
Ion Ratio Lower Upper
83 100
55 68.6 59.3 88.9
98 48.8 39.6 59.4

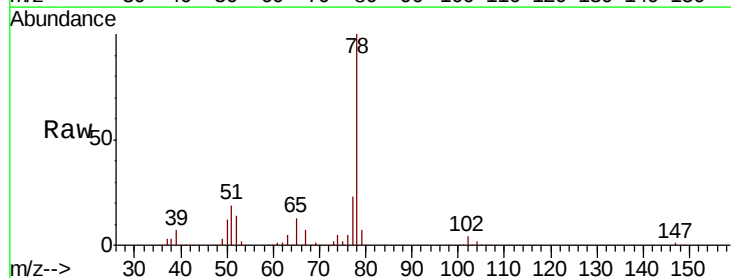


Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

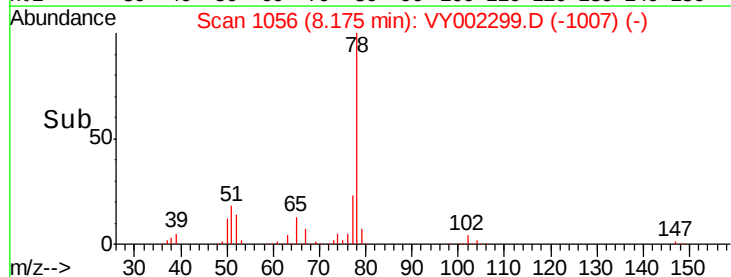
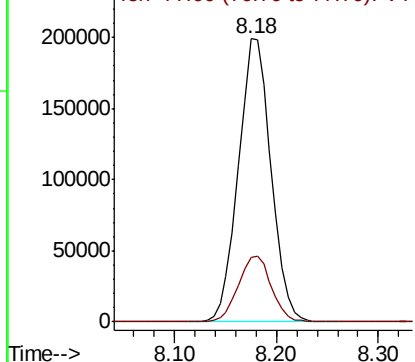


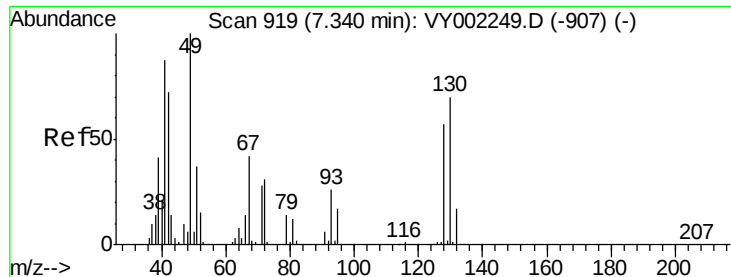
#40
Benzene
Concen: 50.071 ug/l
RT: 8.18 min Scan# 1056
Delta R.T. -0.00 min
Lab File: VY002299.D
Acq: 14 Apr 2020 11:21

Tgt Ion: 78 Resp: 441151
Ion Ratio Lower Upper
78 100
77 22.6 18.9 28.3



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

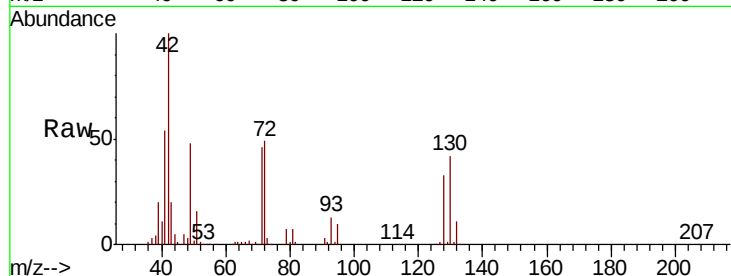




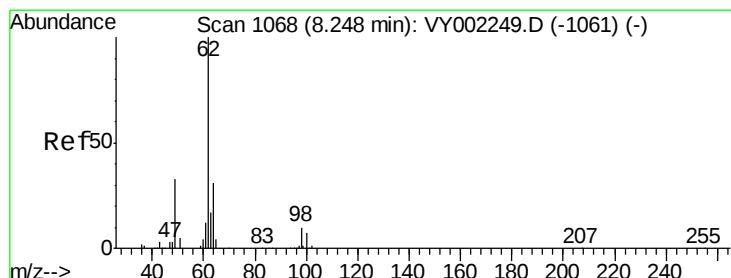
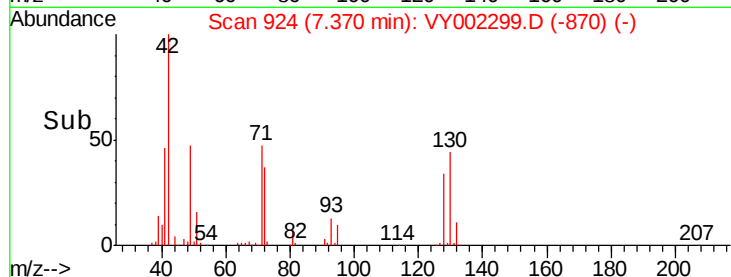
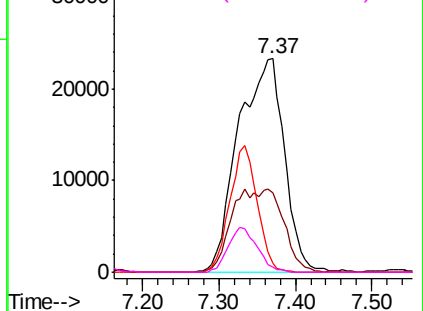
#41
Methacrylonitrile
Concen: 99.519 ug/l
RT: 7.37 min Scan# 924
Delta R.T. 0.03 min
Lab File: VY002299.D
Acq: 14 Apr 2020 11:21

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:	41	Resp:	97393
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

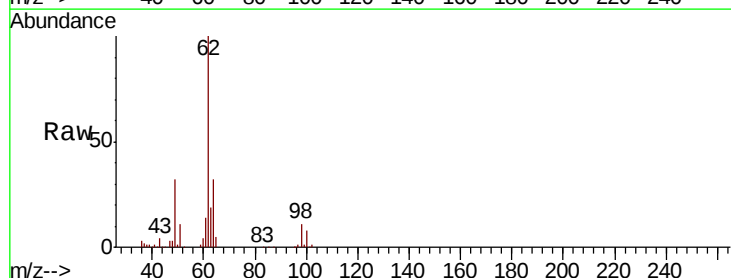


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

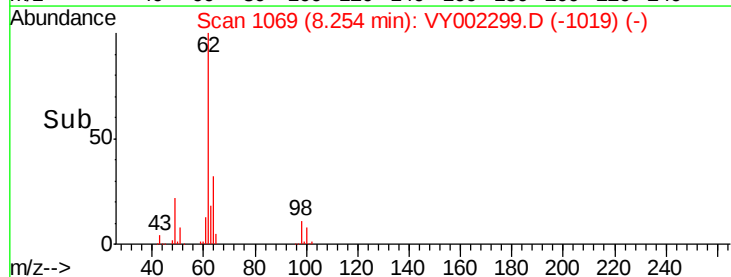
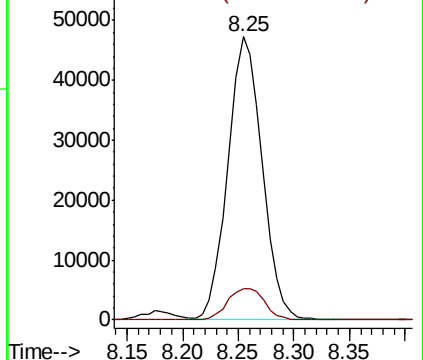


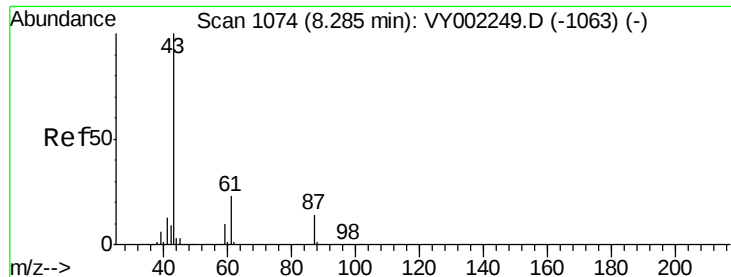
#42
1,2-Dichloroethane
Concen: 46.341 ug/l
RT: 8.25 min Scan# 1069
Delta R.T. 0.01 min
Lab File: VY002299.D
Acq: 14 Apr 2020 11:21

Tgt Ion:	62	Resp:	101139
Ion	Ratio	Lower	Upper
62	100		
98	11.9	0.0	22.6



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



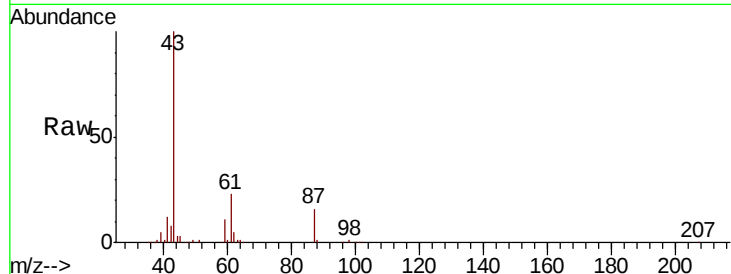


#43

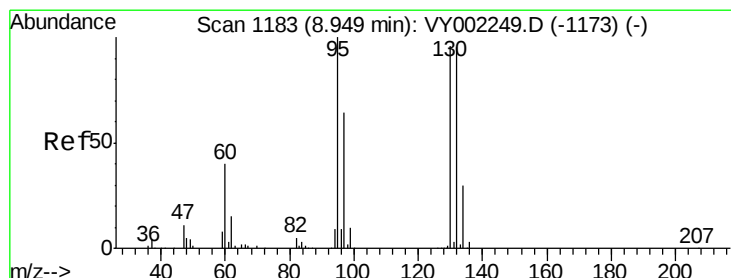
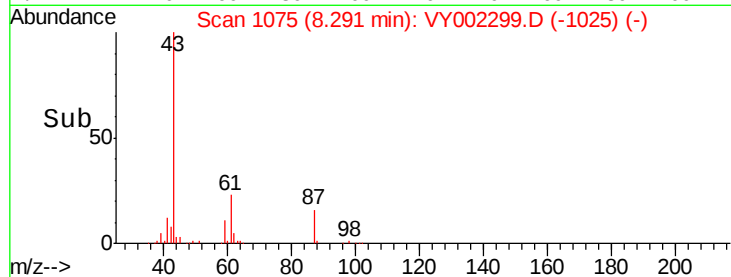
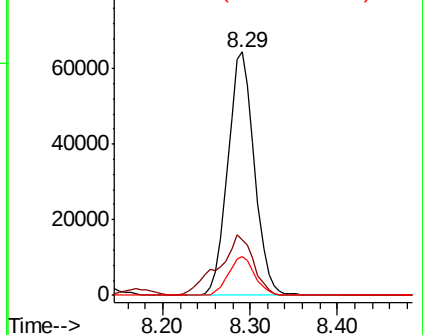
Isopropyl Acetate
 Concen: 44.833 ug/l
 RT: 8.29 min Scan# 1075
 Delta R.T. 0.01 min
 Lab File: VY002299.D
 Acq: 14 Apr 2020 11:21

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion	43	Resp	135645
Ion Ratio	Lower	Upper	
43	100		
61	32.6	24.9	37.3
87	15.9	11.7	17.5



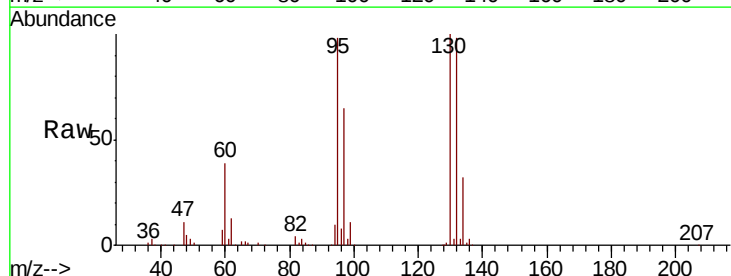
Abundance Ion 43.00 (42.70 to 43.70): VY0
 Ion 61.00 (60.70 to 61.70): VY0
 Ion 87.00 (86.70 to 87.70): VY0



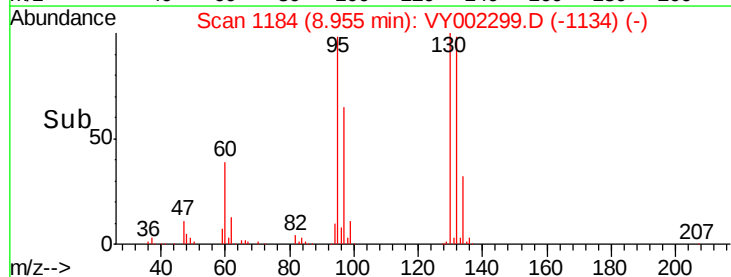
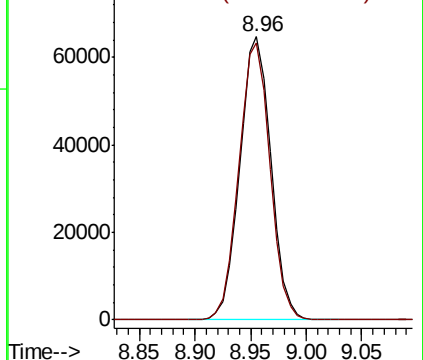
#44

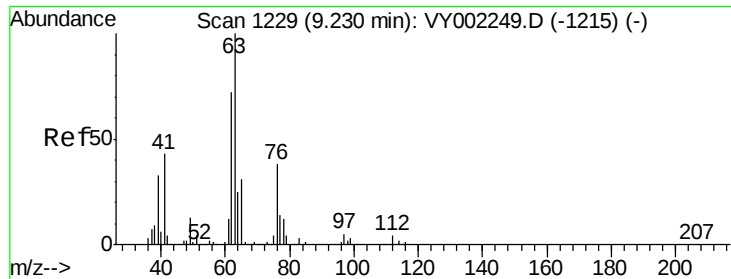
Trichloroethene
 Concen: 48.373 ug/l
 RT: 8.96 min Scan# 1184
 Delta R.T. 0.01 min
 Lab File: VY002299.D
 Acq: 14 Apr 2020 11:21

Tgt Ion	130	Resp	125301
Ion Ratio	Lower	Upper	
130	100		
95	97.8	0.0	208.2



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

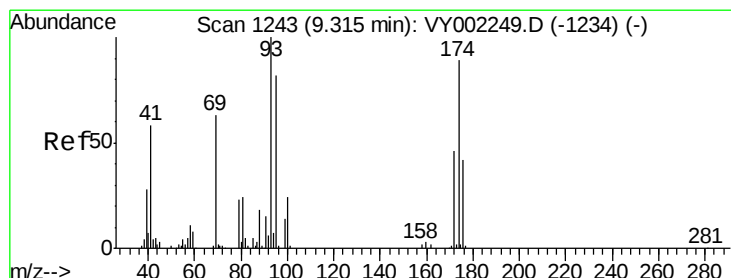
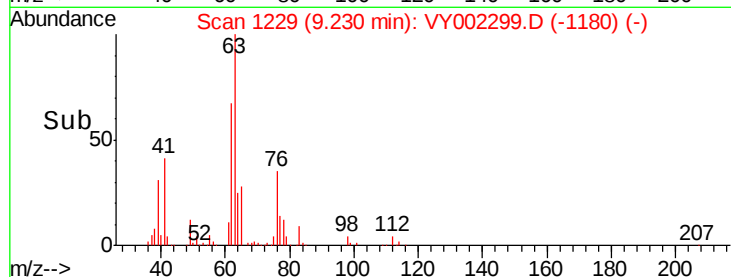
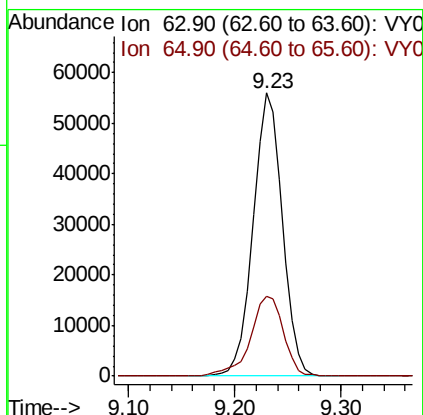
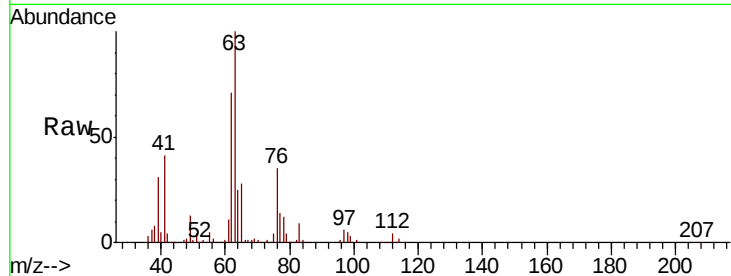




#45
 1,2-Dichloropropane
 Concen: 49.432 ug/l
 RT: 9.23 min Scan# 1229
 Delta R.T. -0.00 min
 Lab File: VY002299.D
 Acq: 14 Apr 2020 11:21

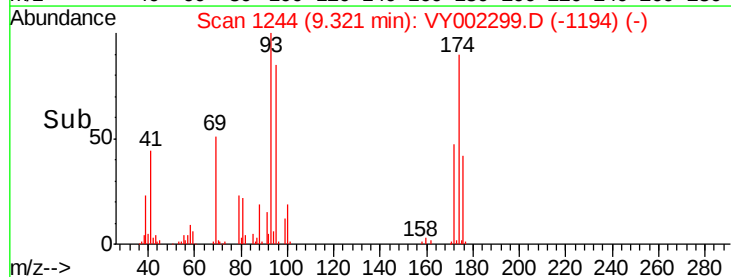
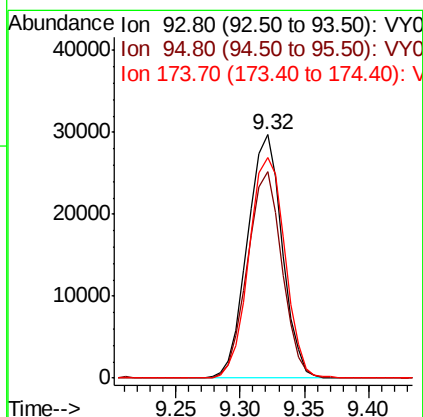
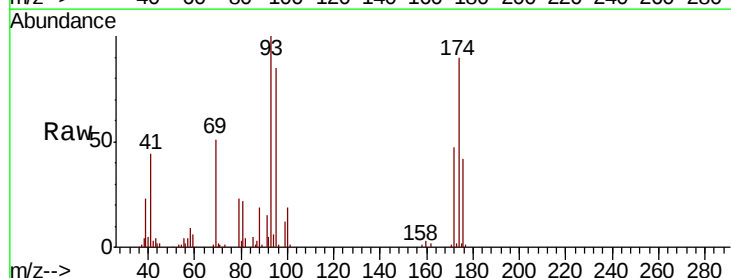
Instrument :
 MSVOA_Y
 ClientSampleId :

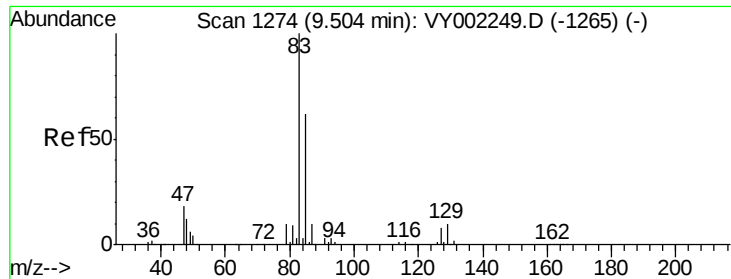
Tot Ion: 63 Resp: 108060
 Ion Ratio Lower Upper
 63 100
 65 28.4 24.6 37.0



#46
 Dibromomethane
 Concen: 48.494 ug/l
 RT: 9.32 min Scan# 1244
 Delta R.T. 0.01 min
 Lab File: VY002299.D
 Acq: 14 Apr 2020 11:21

Tgt Ion: 93 Resp: 55428
 Ion Ratio Lower Upper
 93 100
 95 84.5 67.3 100.9
 174 93.6 72.5 108.7

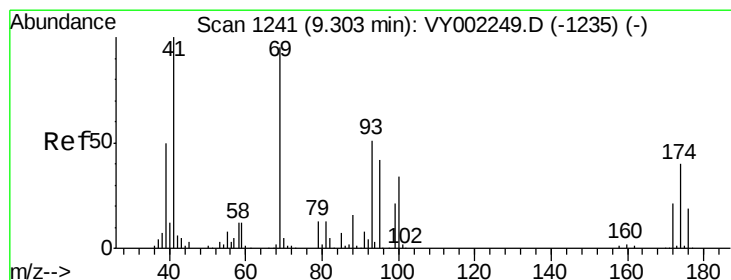
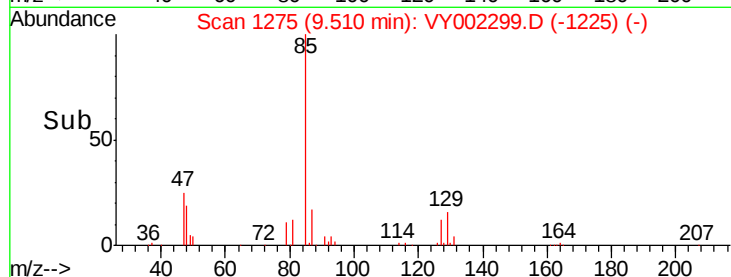
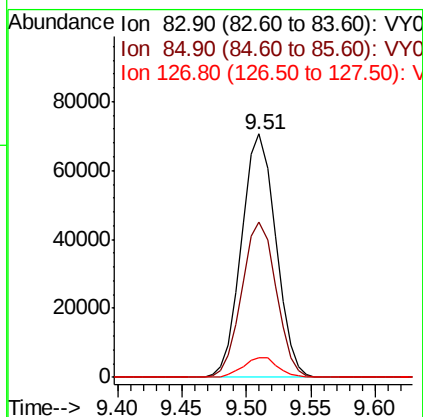
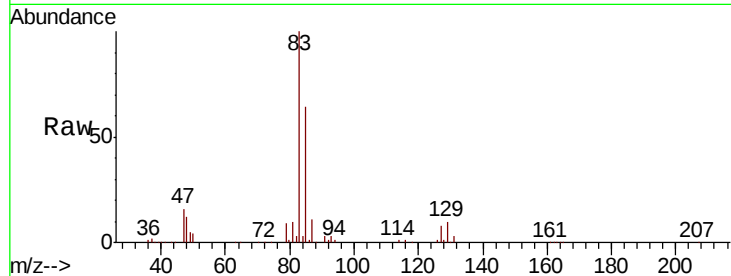




#47
 Bromodichloromethane
 Concen: 49.637 ug/l
 RT: 9.51 min Scan# 1275
 Delta R.T. 0.01 min
 Lab File: VY002299.D
 Acq: 14 Apr 2020 11:21

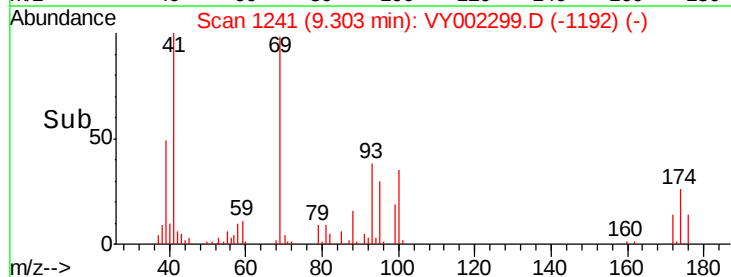
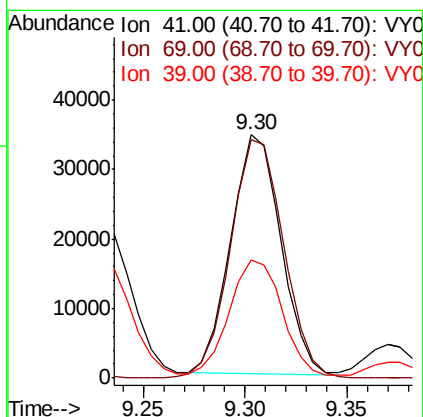
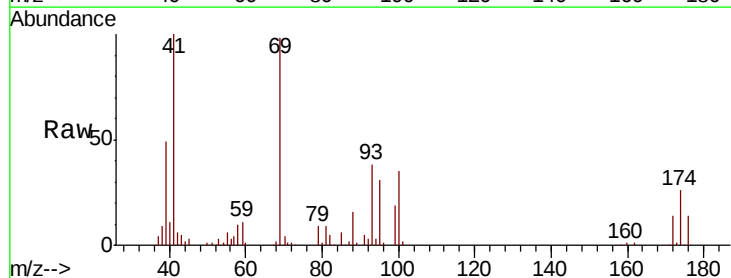
Instrument :
 MSVOA_Y
 ClientSampleId :

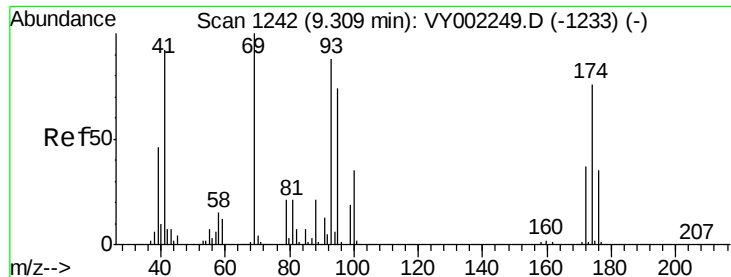
Tot Ion: 83 Resp: 130179
 Ion Ratio Lower Upper
 83 100
 85 63.8 49.7 74.5
 127 7.9 6.2 9.4



#48
 Methyl methacrylate
 Concen: 43.405 ug/l
 RT: 9.30 min Scan# 1241
 Delta R.T. -0.00 min
 Lab File: VY002299.D
 Acq: 14 Apr 2020 11:21

Tgt Ion: 41 Resp: 58885
 Ion Ratio Lower Upper
 41 100
 69 106.1 76.7 115.1
 39 53.0 40.5 60.7

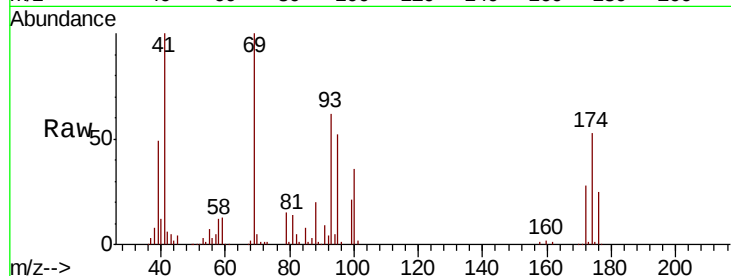




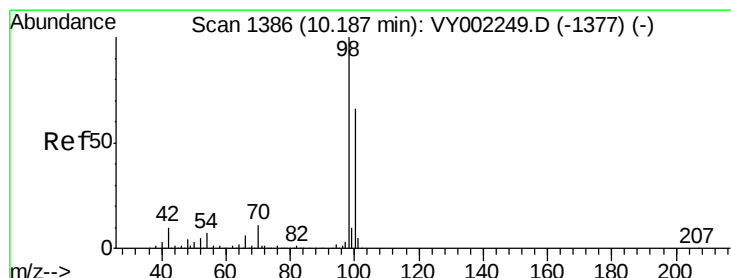
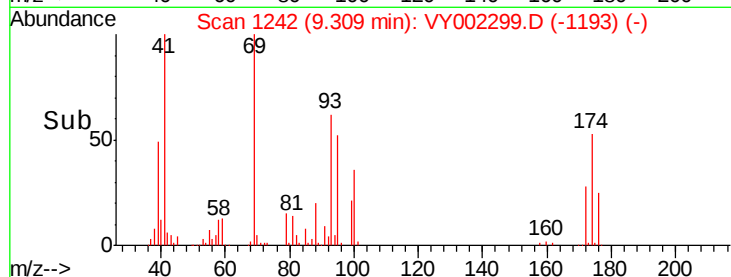
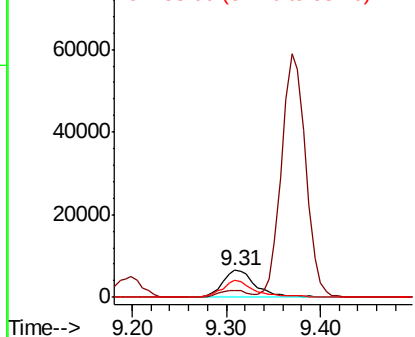
#49
1,4-Dioxane
Concen: 1009.765 ug/l
RT: 9.31 min Scan# 1242
Delta R.T. -0.00 min
Lab File: VY002299.D
Acq: 14 Apr 2020 11:21

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 88 Resp: 16326
Ion Ratio Lower Upper
88 100
43 25.0 22.2 33.2
58 62.4 57.6 86.4

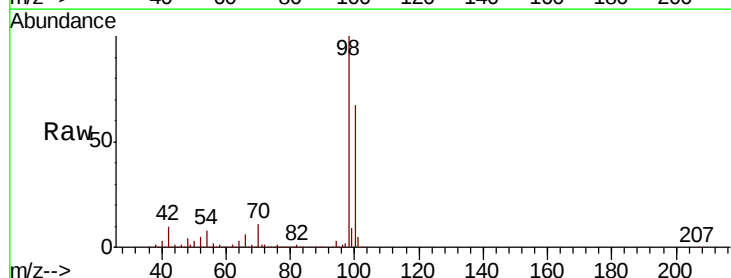


Abundance Ion 88.00 (87.70 to 88.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0

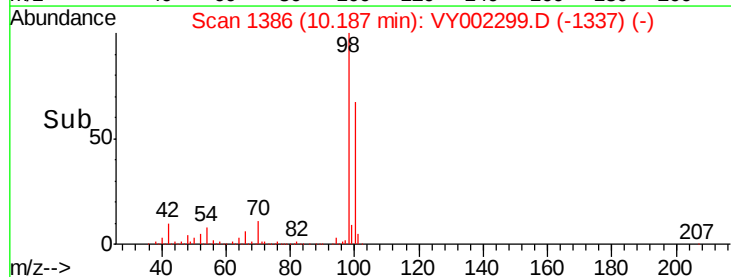
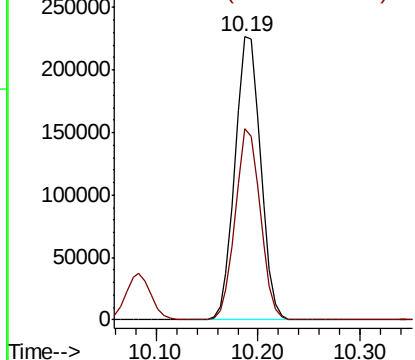


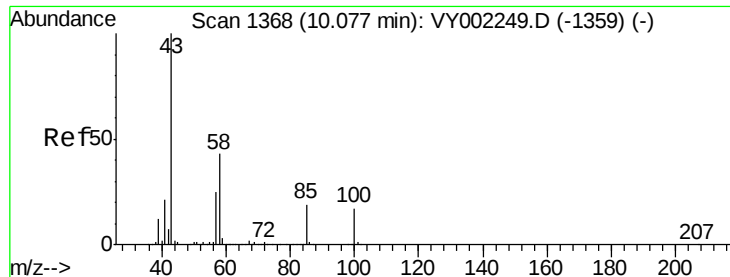
#50
Toluene-d8
Concen: 53.407 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. -0.00 min
Lab File: VY002299.D
Acq: 14 Apr 2020 11:21

Tgt Ion: 98 Resp: 392146
Ion Ratio Lower Upper
98 100
100 65.9 52.6 78.8



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

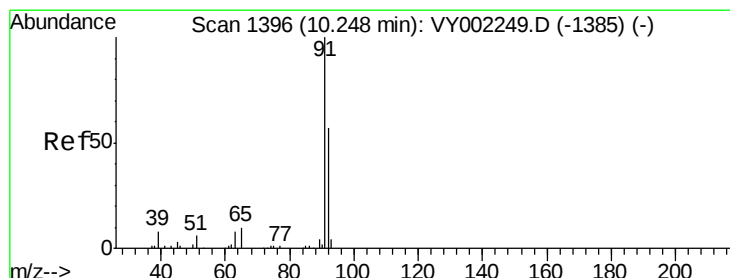
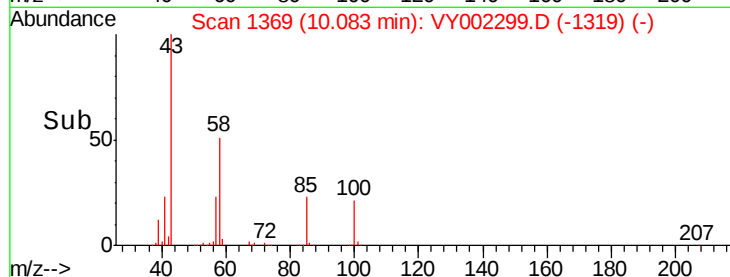
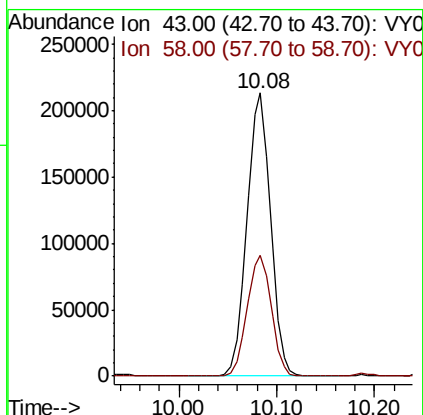
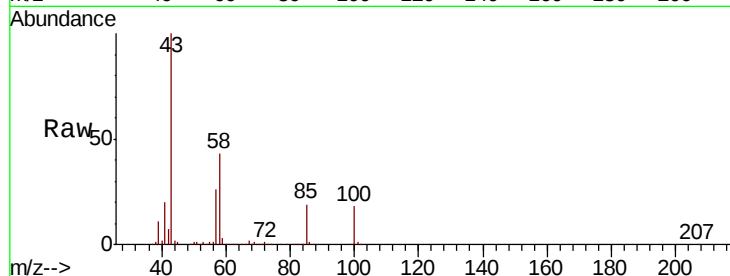




#51
4-Methyl-2-Pentanone
Concen: 226.818 ug/l
RT: 10.08 min Scan# 1369
Delta R.T. 0.01 min
Lab File: VY002299.D
Acq: 14 Apr 2020 11:21

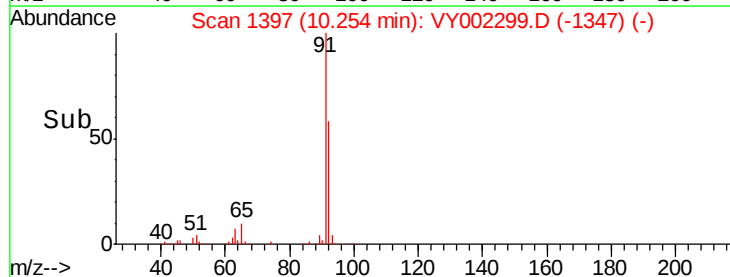
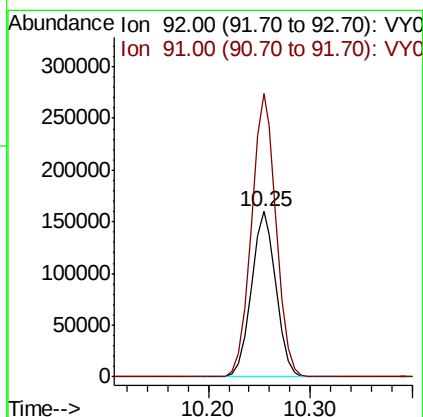
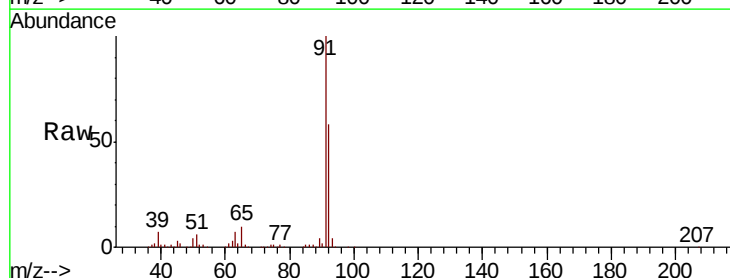
Instrument :
MSVOA_Y
ClientSampleId :

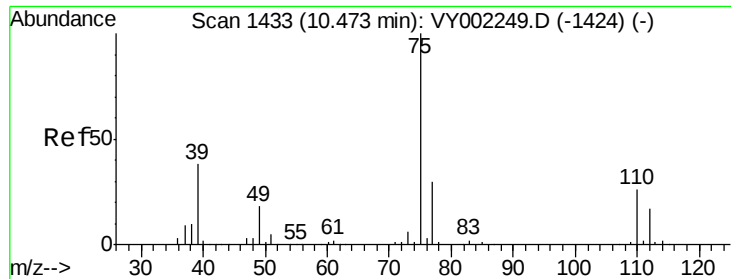
Tot Ion: 43 Resp: 357591
Ion Ratio Lower Upper
43 100
58 43.6 33.8 50.8



#52
Toluene
Concen: 50.512 ug/l
RT: 10.25 min Scan# 1397
Delta R.T. 0.01 min
Lab File: VY002299.D
Acq: 14 Apr 2020 11:21

Tgt Ion: 92 Resp: 268202
Ion Ratio Lower Upper
92 100
91 171.5 139.0 208.6





#53

t-1,3-Dichloropropene

Concen: 48.930 ug/l

RT: 10.47 min Scan# 1433

Delta R.T. -0.00 min

Lab File: VY002299.D

Acq: 14 Apr 2020 11:21

Instrument :

MSVOA_Y

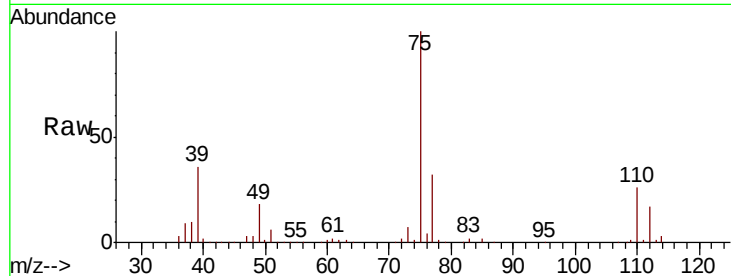
ClientSampleId :

Tot Ion: 75 Resp: 139816

Ion Ratio Lower Upper

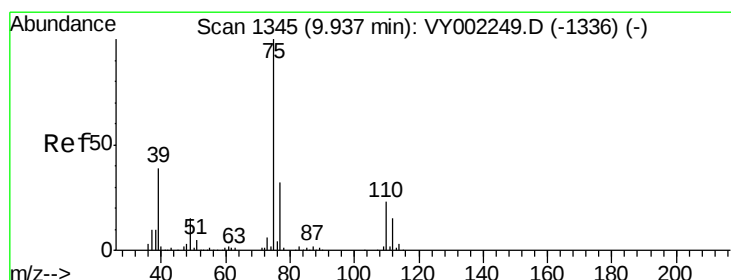
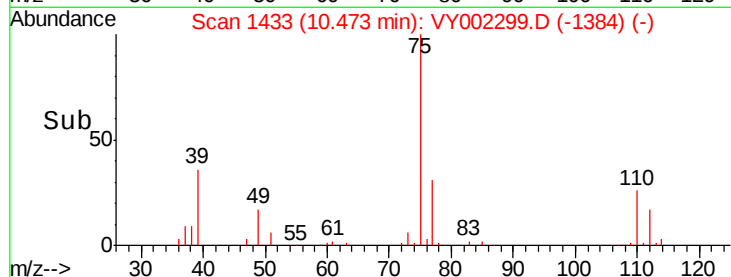
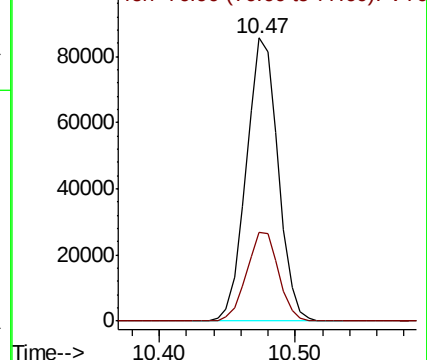
75 100

77 31.6 24.2 36.2



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0



#54

cis-1,3-Dichloropropene

Concen: 49.433 ug/l

RT: 9.94 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VY002299.D

Acq: 14 Apr 2020 11:21

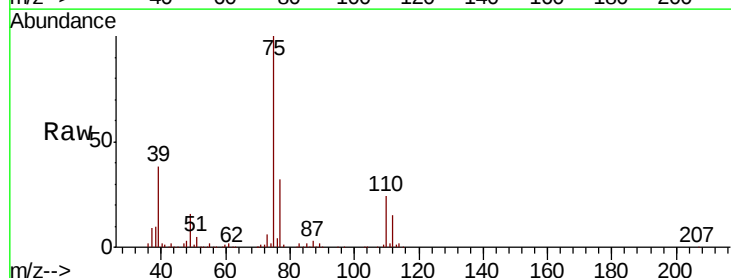
Tgt Ion: 75 Resp: 169820

Ion Ratio Lower Upper

75 100

77 32.2 25.8 38.8

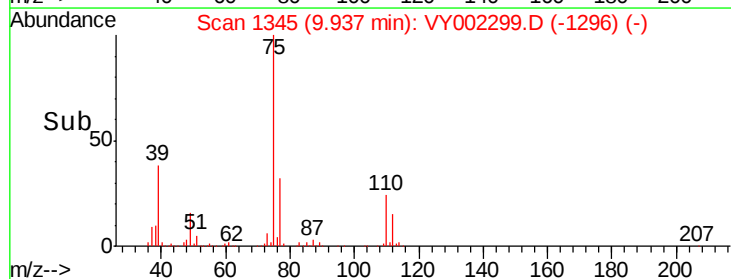
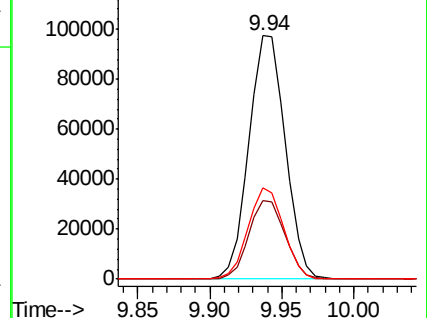
39 37.7 30.8 46.2

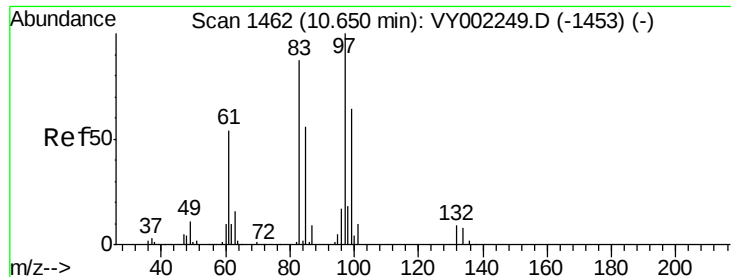


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0





#55

1,1,2-Trichloroethane

Concen: 49.300 ug/l

RT: 10.66 min Scan# 1463

Delta R.T. 0.01 min

Lab File: VY002299.D

Acq: 14 Apr 2020 11:21

Instrument :

MSVOA_Y

ClientSampleId :

Tot Ion: 97 Resp: 82498

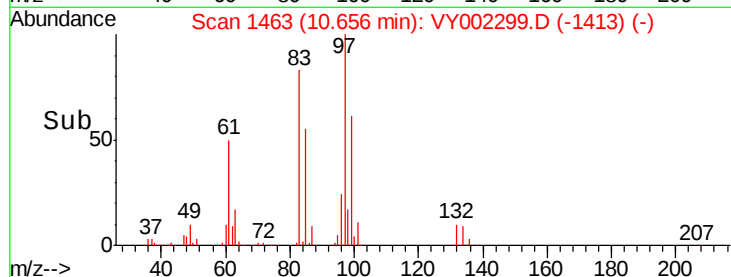
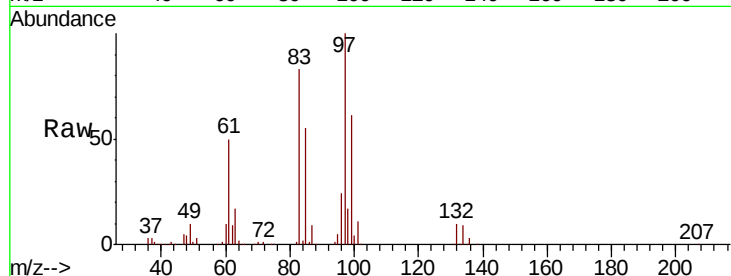
Ion	Ratio	Lower	Upper
97	100		
83	82.6	69.5	104.3
85	55.3	45.2	67.8
99	61.5	50.9	76.3

97 100

83 82.6 69.5 104.3

85 55.3 45.2 67.8

99 61.5 50.9 76.3



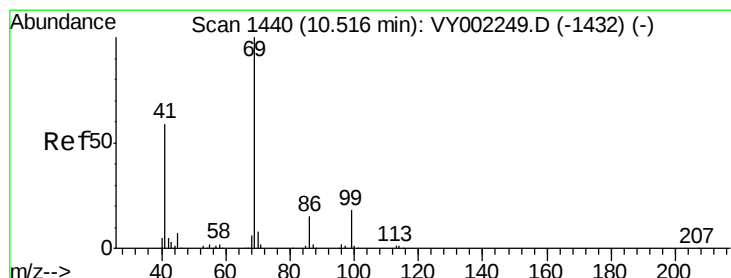
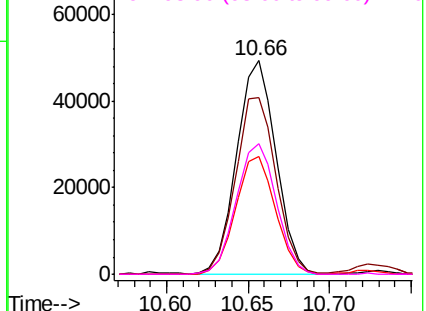
Abundance

Ion 96.90 (96.60 to 97.60): VY0

Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

Ion 98.90 (98.60 to 99.60): VY0



#56

Ethyl methacrylate

Concen: 48.529 ug/l

RT: 10.52 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VY002299.D

Acq: 14 Apr 2020 11:21

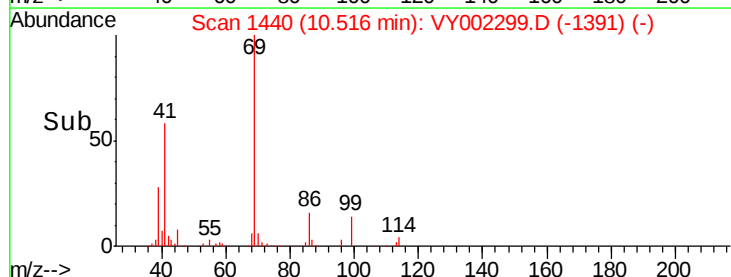
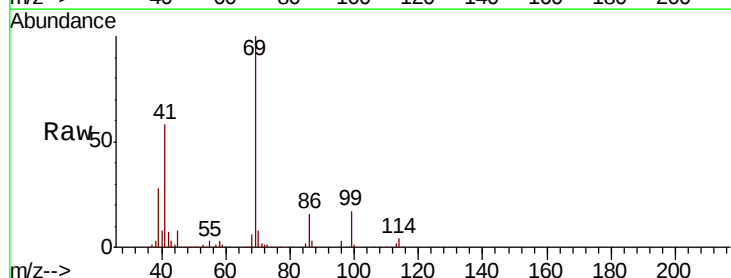
Tgt Ion: 69 Resp: 115902

Ion	Ratio	Lower	Upper
69	100		
41	56.2	47.9	71.9
39	27.0	23.8	35.6

69 100

41 56.2 47.9 71.9

39 27.0 23.8 35.6

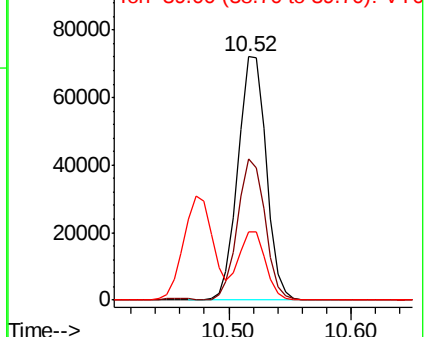


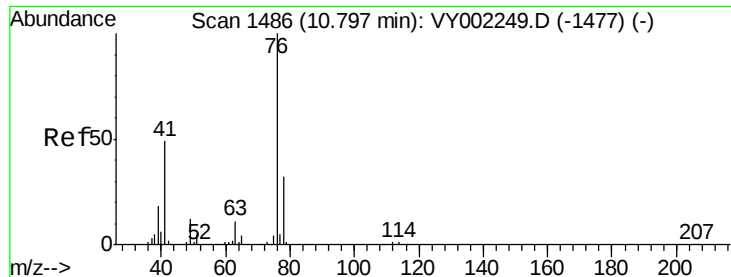
Abundance

Ion 69.00 (68.70 to 69.70): VY0

Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0





#57

1,3-Dichloropropane

Concen: 48.131 ug/l

RT: 10.80 min Scan# 1487

Delta R.T. 0.01 min

Lab File: VY002299.D

Acq: 14 Apr 2020 11:21

Instrument :

MSVOA_Y

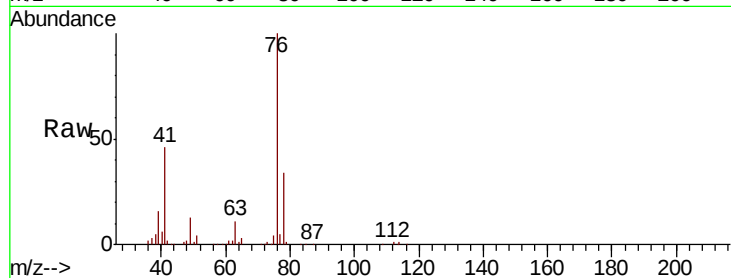
ClientSampleId :

Tot Ion: 76 Resp: 141567

Ion Ratio Lower Upper

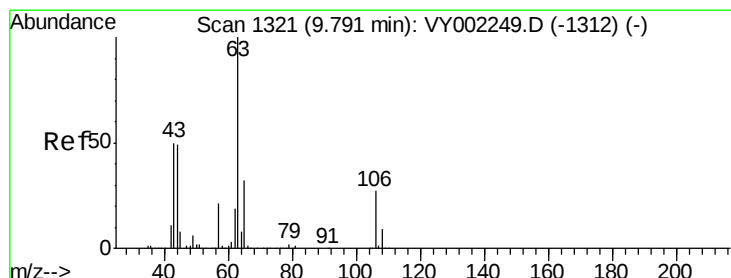
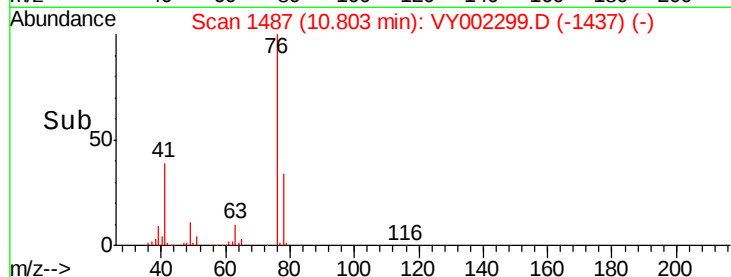
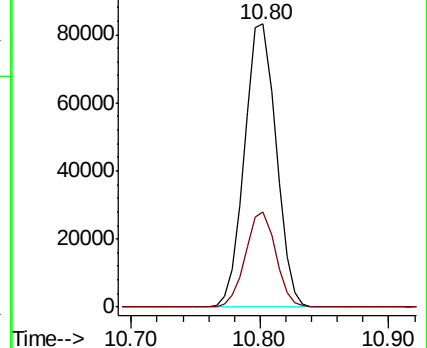
76 100

78 32.3 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#58

2-Chloroethyl Vinyl ether

Concen: 239.822 ug/l

RT: 9.80 min Scan# 1322

Delta R.T. 0.01 min

Lab File: VY002299.D

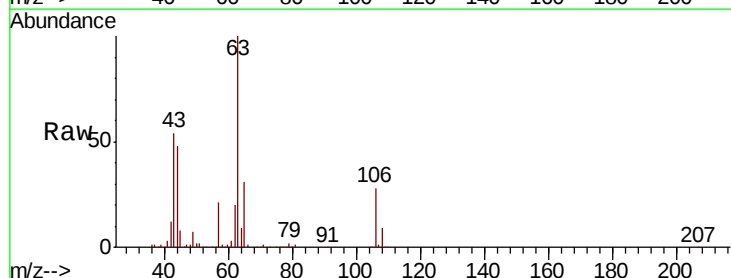
Acq: 14 Apr 2020 11:21

Tgt Ion: 63 Resp: 296608

Ion Ratio Lower Upper

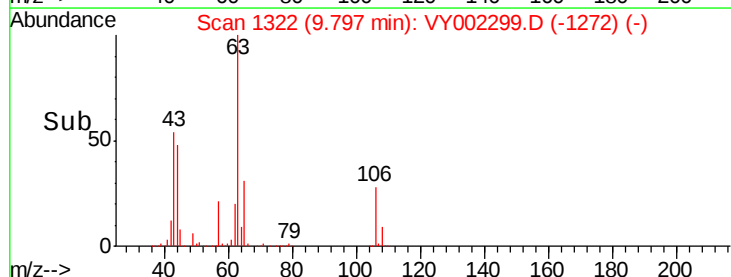
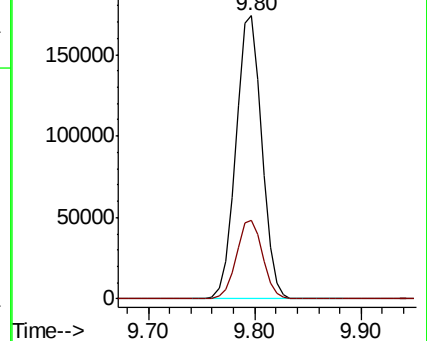
63 100

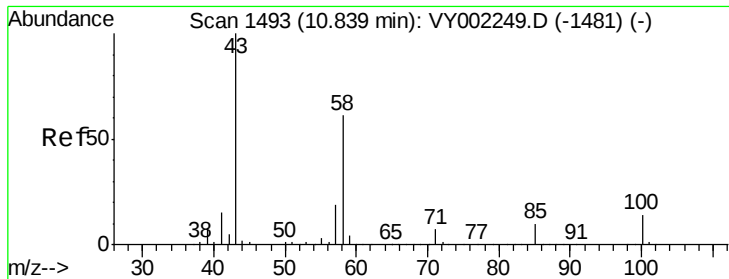
106 28.0 22.2 33.2



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

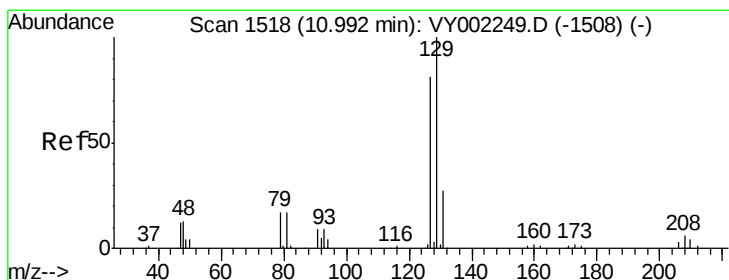
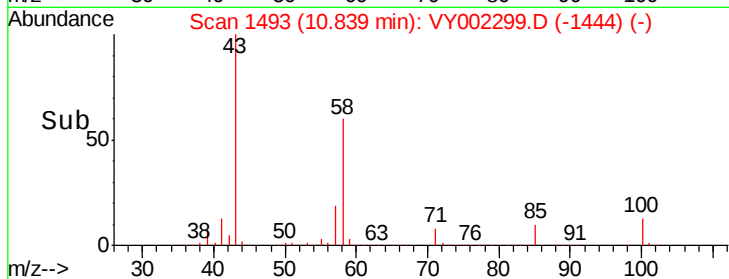
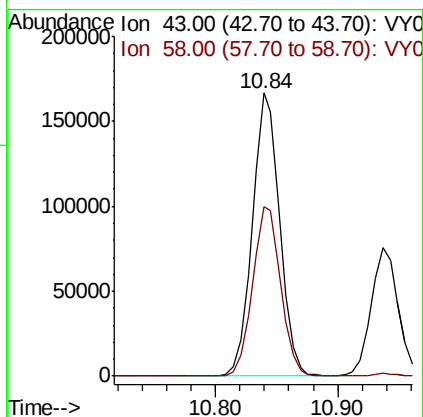
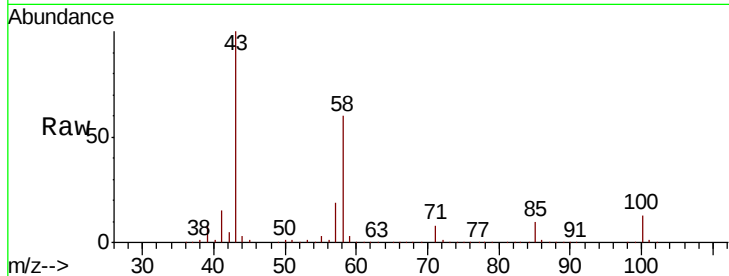




#59
2-Hexanone
Concen: 237.549 ug/l
RT: 10.84 min Scan# 1493
Delta R.T. -0.00 min
Lab File: VY002299.D
Acq: 14 Apr 2020 11:21

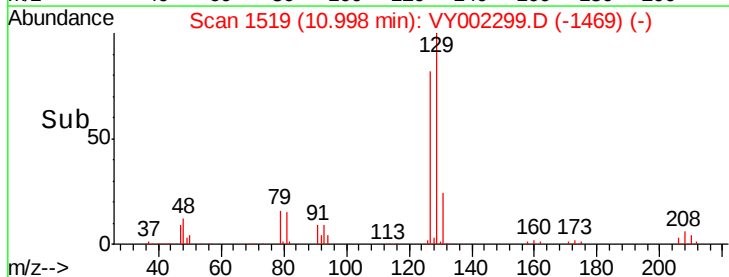
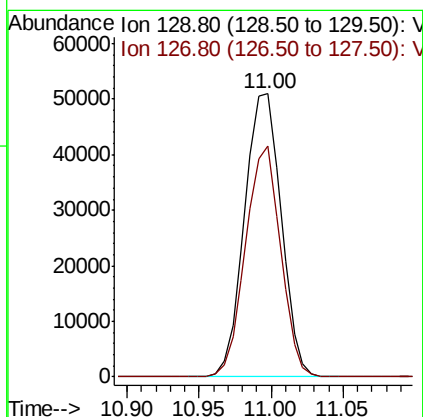
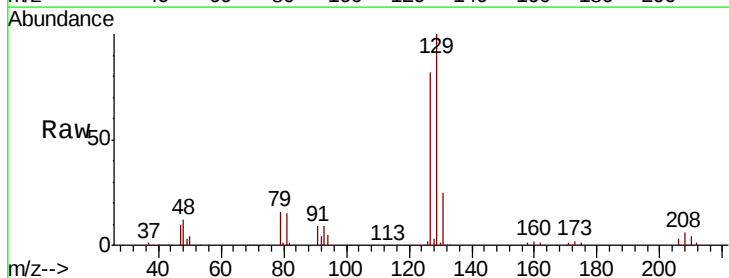
Instrument :
MSVOA_Y
ClientSampleId :

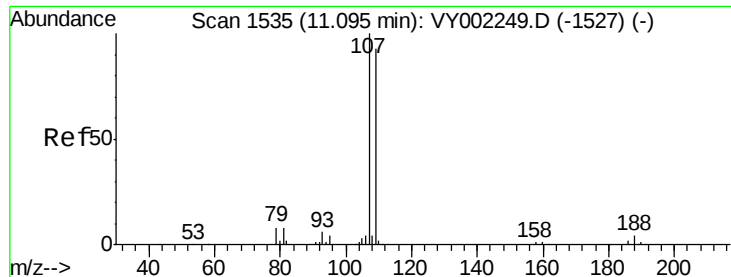
Tot Ion: 43 Resp: 259920
Ion Ratio Lower Upper
43 100
58 61.4 29.8 89.3



#60
Dibromochloromethane
Concen: 50.504 ug/l
RT: 11.00 min Scan# 1519
Delta R.T. 0.01 min
Lab File: VY002299.D
Acq: 14 Apr 2020 11:21

Tgt Ion:129 Resp: 90116
Ion Ratio Lower Upper
129 100
127 77.7 39.0 117.0

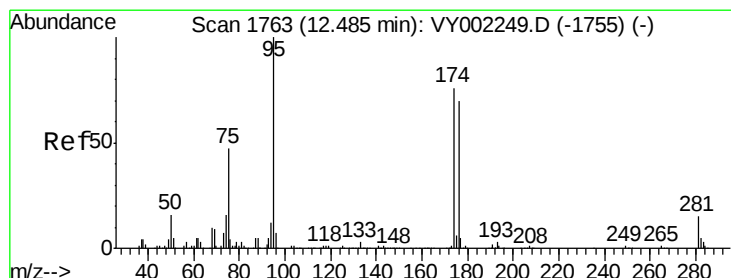
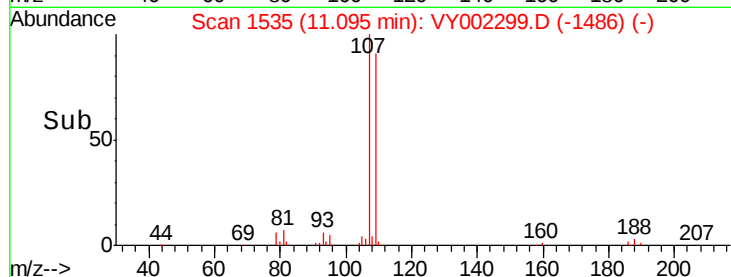
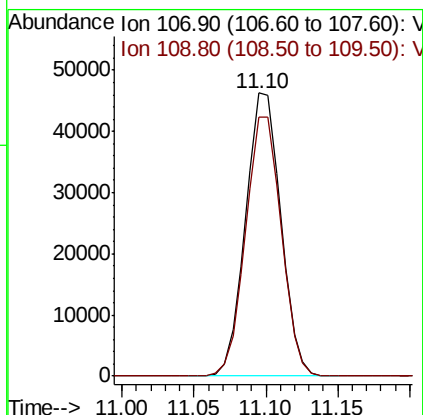
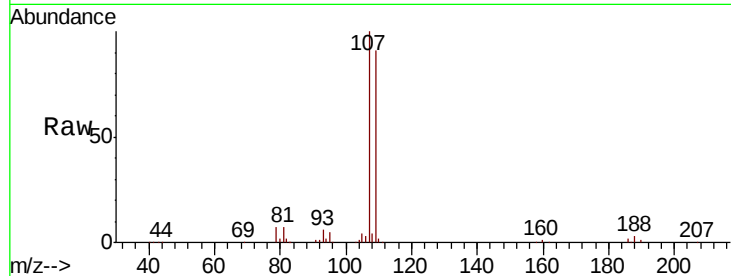




#61
 1,2-Dibromoethane
 Concen: 49.273 ug/l
 RT: 11.10 min Scan# 1535
 Delta R.T. -0.00 min
 Lab File: VY002299.D
 Acq: 14 Apr 2020 11:21

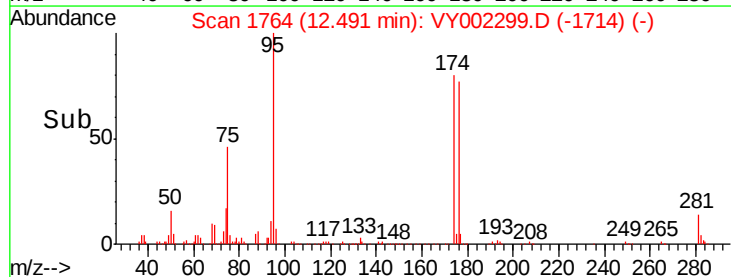
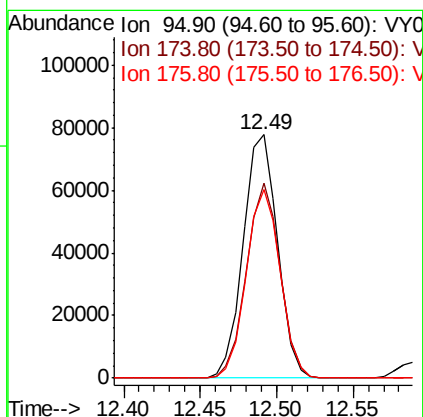
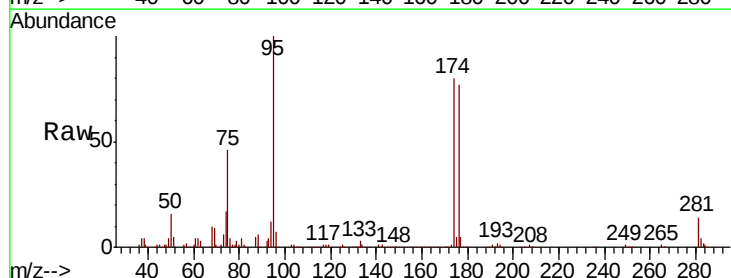
Instrument :
 MSVOA_Y
 ClientSampled :

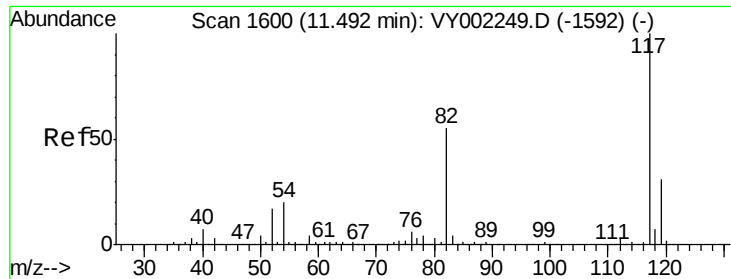
Tot Ion:107 Resp: 78495
 Ion Ratio Lower Upper
 107 100
 109 92.7 75.6 113.4



#62
 4-Bromofluorobenzene
 Concen: 50.045 ug/l
 RT: 12.49 min Scan# 1764
 Delta R.T. 0.01 min
 Lab File: VY002299.D
 Acq: 14 Apr 2020 11:21

Tgt Ion: 95 Resp: 121230
 Ion Ratio Lower Upper
 95 100
 174 78.1 0.0 150.6
 176 76.5 0.0 141.4

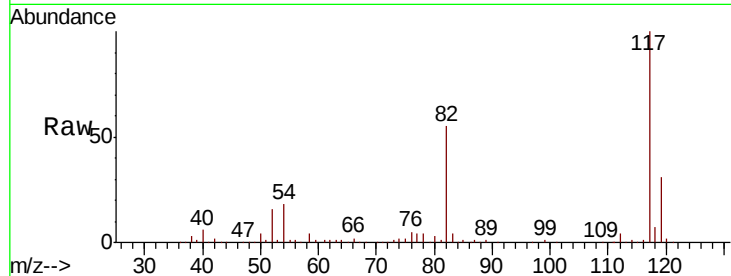




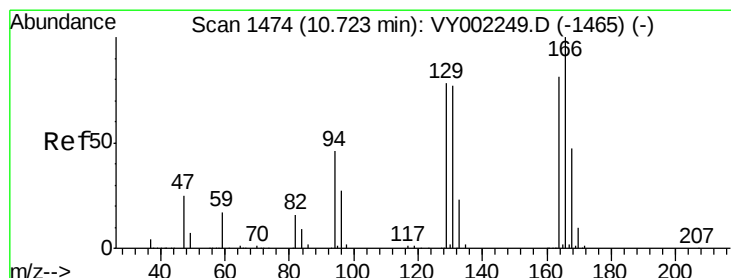
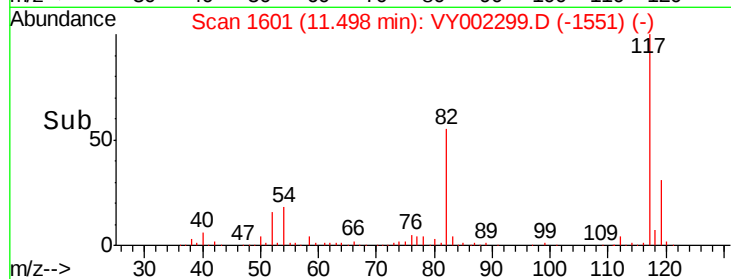
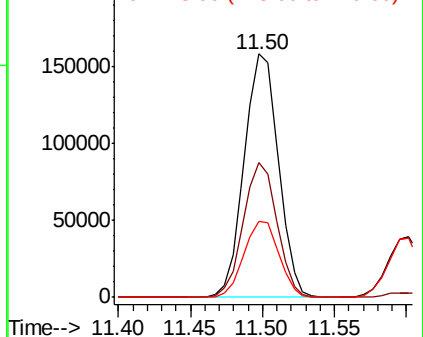
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.01 min
Lab File: VY002299.D
Acq: 14 Apr 2020 11:21

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:117 Resp: 260516
Ion Ratio Lower Upper
117 100
82 55.2 44.2 66.4
119 31.4 25.1 37.7

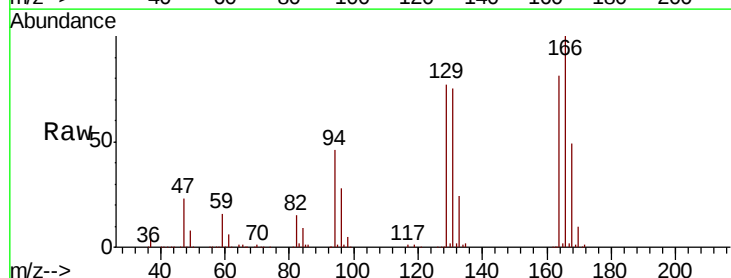


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

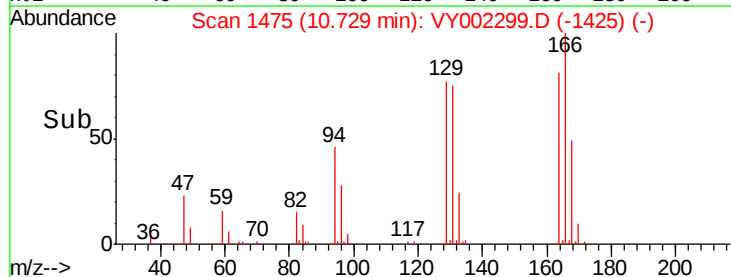
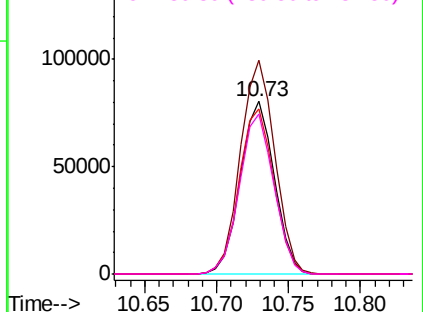


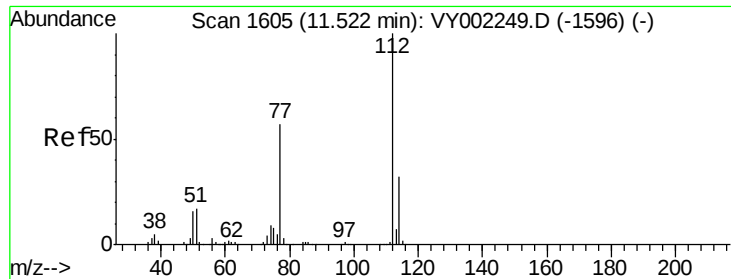
#64
Tetrachloroethene
Concen: 50.079 ug/l
RT: 10.73 min Scan# 1475
Delta R.T. 0.01 min
Lab File: VY002299.D
Acq: 14 Apr 2020 11:21

Tgt Ion:164 Resp: 131901
Ion Ratio Lower Upper
164 100
166 123.7 98.4 147.6
129 95.3 76.6 115.0
131 92.7 75.4 113.2



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

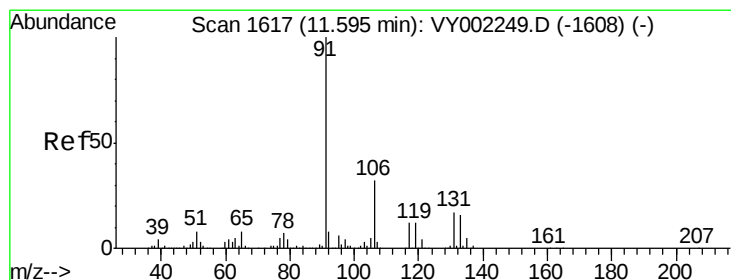
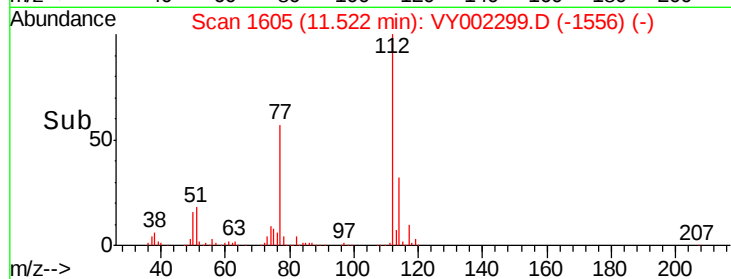
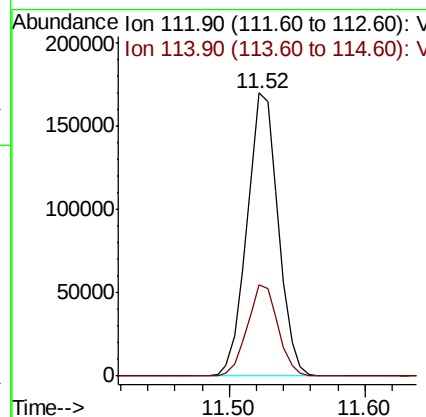
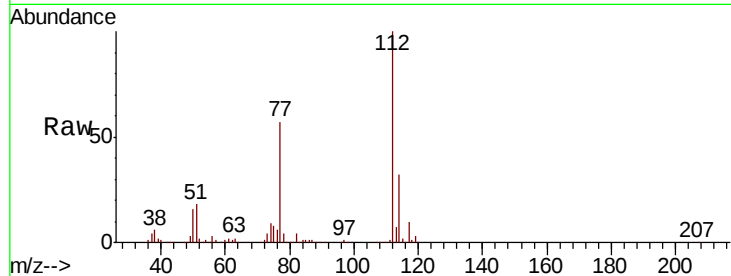




#65
Chlorobenzene
Concen: 50.250 ug/l
RT: 11.52 min Scan# 1605
Delta R.T. -0.00 min
Lab File: VY002299.D
Acq: 14 Apr 2020 11:21

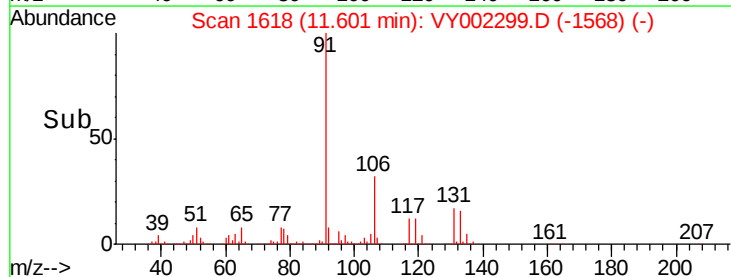
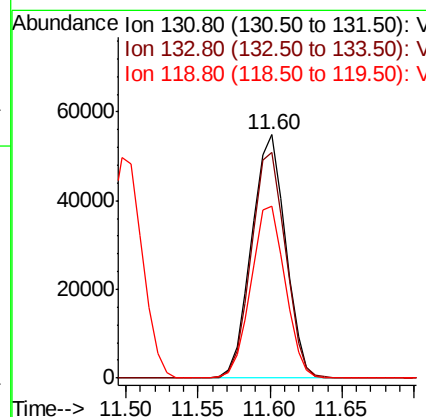
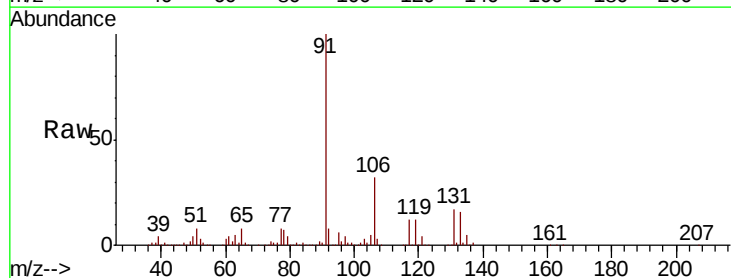
Instrument :
MSVOA_Y
ClientSampleId :

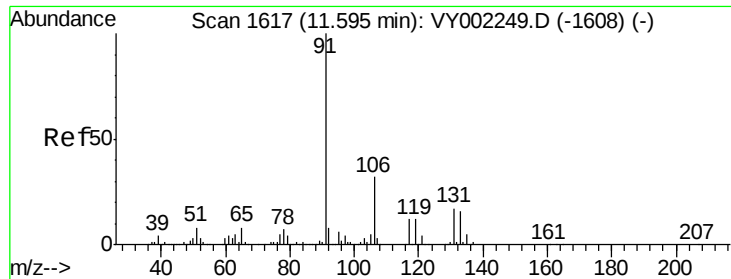
Tot Ion:112 Resp: 272120
Ion Ratio Lower Upper
112 100
114 32.2 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 49.957 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. 0.01 min
Lab File: VY002299.D
Acq: 14 Apr 2020 11:21

Tgt Ion:131 Resp: 89321
Ion Ratio Lower Upper
131 100
133 93.5 46.5 139.3
119 70.9 34.5 103.6

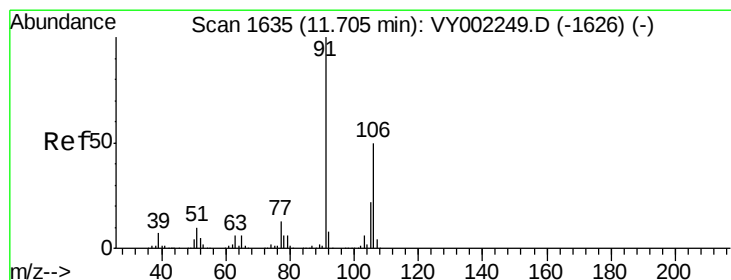
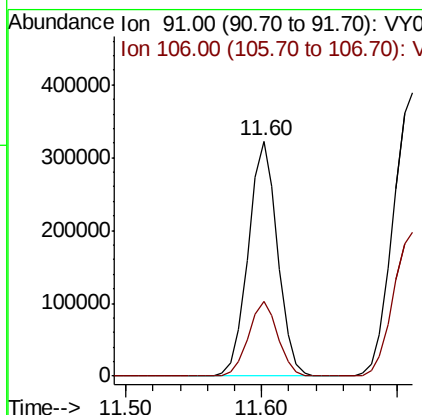
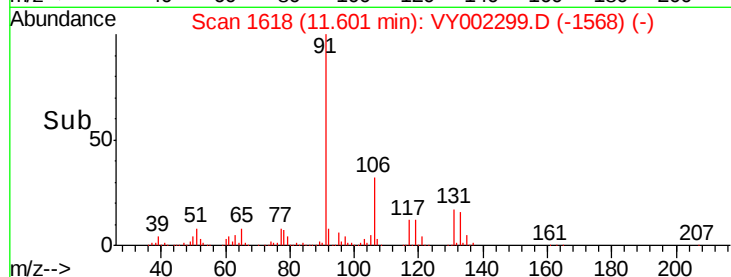
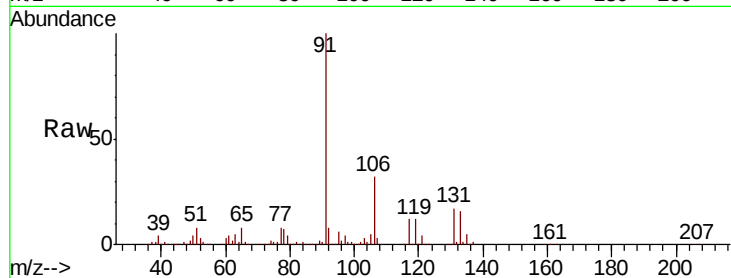




#67
Ethyl Benzene
Concen: 48.909 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. 0.01 min
Lab File: VY002299.D
Acq: 14 Apr 2020 11:21

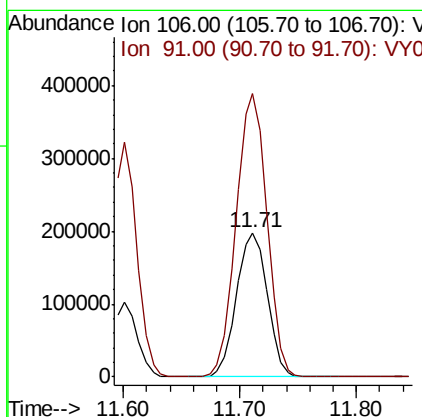
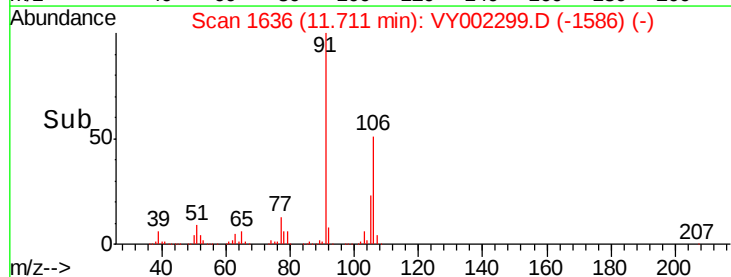
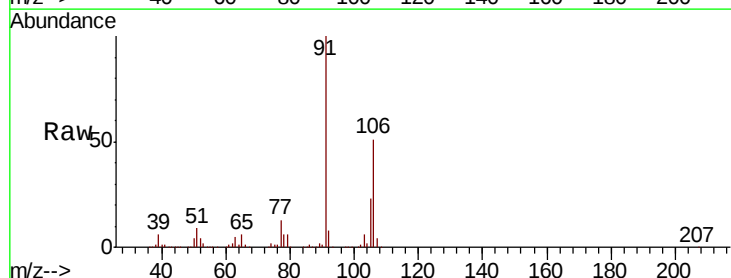
Instrument :
MSVOA_Y
ClientSampled :

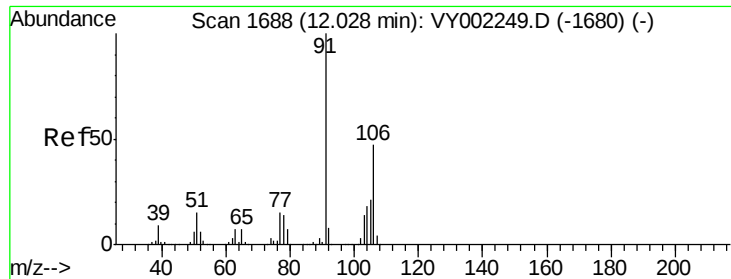
Tot Ion: 91 Resp: 484871
Ion Ratio Lower Upper
91 100
106 32.0 25.4 38.0



#68
m/p-Xylenes
Concen: 98.627 ug/l
RT: 11.71 min Scan# 1636
Delta R.T. 0.01 min
Lab File: VY002299.D
Acq: 14 Apr 2020 11:21

Tgt Ion: 106 Resp: 366217
Ion Ratio Lower Upper
106 100
91 195.8 159.8 239.6

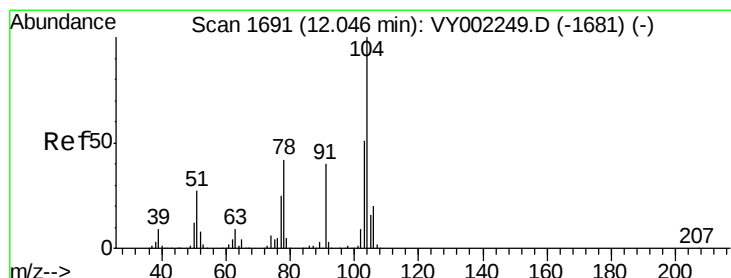
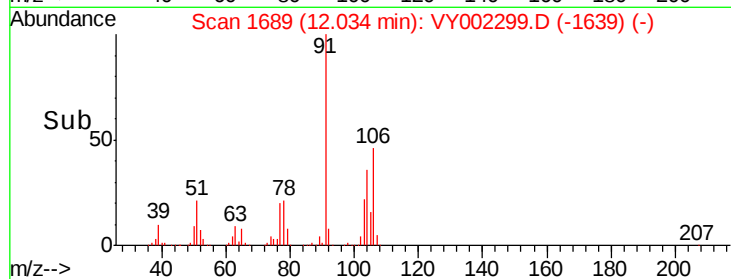
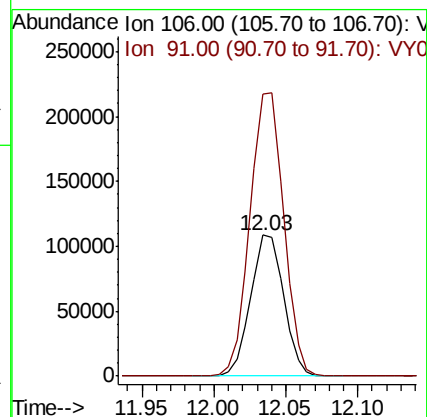
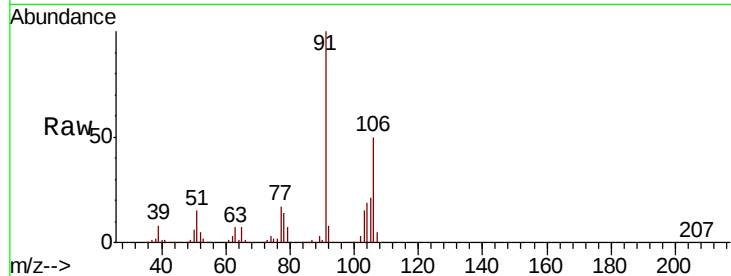




#69
o-Xylene
Concen: 49.547 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. 0.01 min
Lab File: VY002299.D
Acq: 14 Apr 2020 11:21

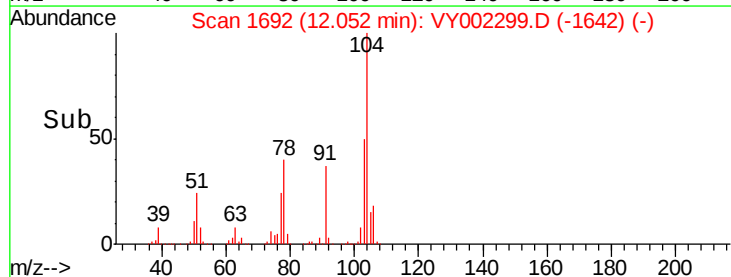
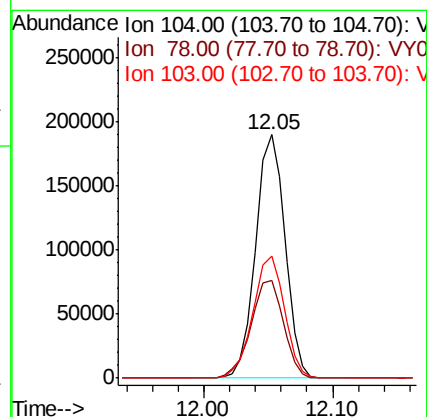
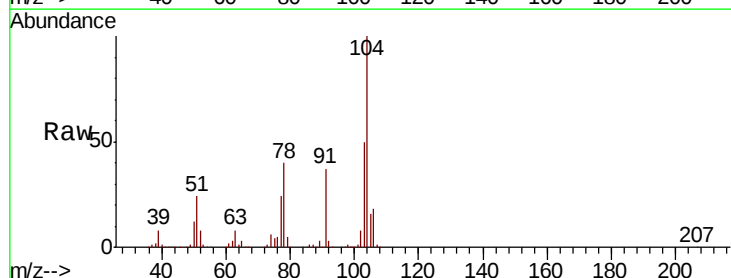
Instrument :
MSVOA_Y
ClientSampled :

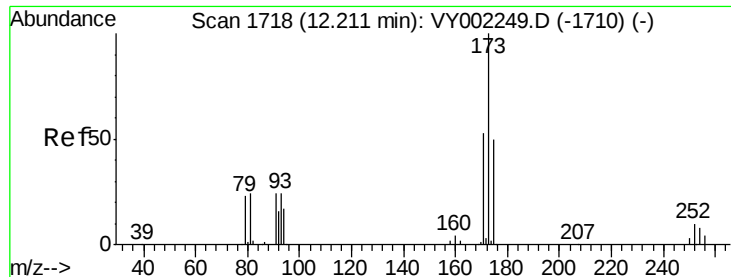
Tot Ion:106 Resp: 172723
Ion Ratio Lower Upper
106 100
91 204.5 105.8 317.3



#70
Styrene
Concen: 49.286 ug/l
RT: 12.05 min Scan# 1692
Delta R.T. 0.01 min
Lab File: VY002299.D
Acq: 14 Apr 2020 11:21

Tgt Ion:104 Resp: 298090
Ion Ratio Lower Upper
104 100
78 44.6 37.2 55.8
103 53.7 43.4 65.0





#71

Bromoform

Concen: 49.536 ug/l

RT: 12.22 min Scan# 1719

Delta R.T. 0.01 min

Lab File: VY002299.D

Acq: 14 Apr 2020 11:21

Instrument :

MSVOA_Y

ClientSampleId :

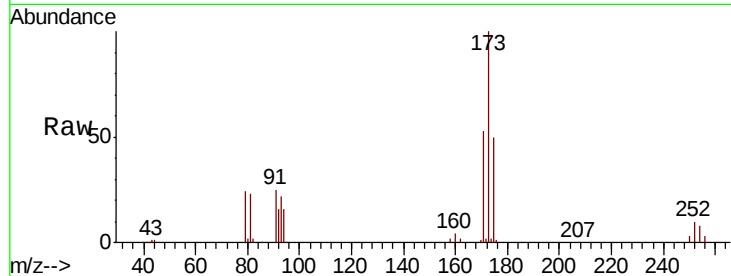
Tot Ion:173 Resp: 48164

Ion Ratio Lower Upper

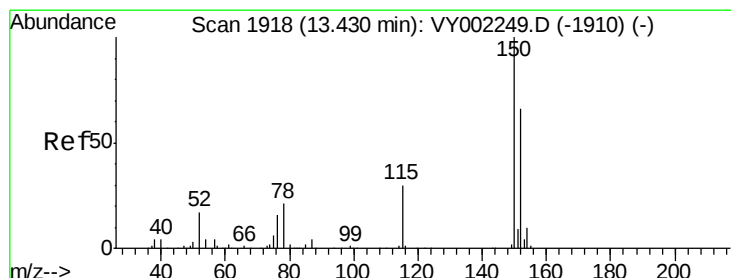
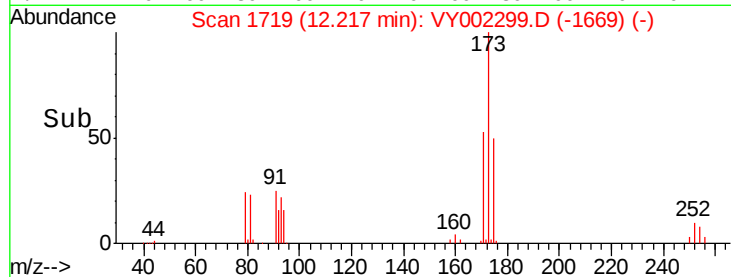
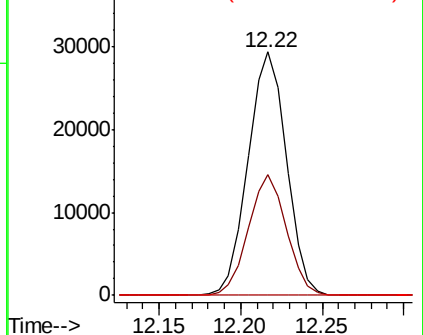
173 100

175 49.2 24.1 72.3

254 0.0 0.0 0.0



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.44 min Scan# 1919

Delta R.T. 0.01 min

Lab File: VY002299.D

Acq: 14 Apr 2020 11:21

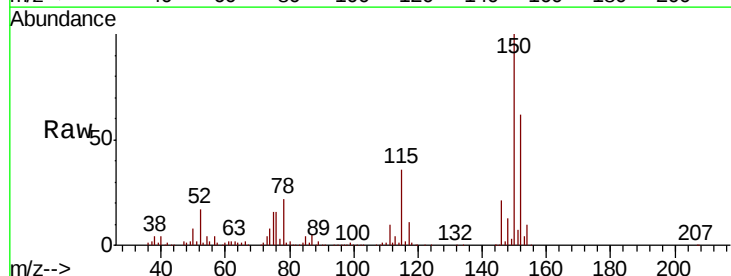
Tgt Ion:152 Resp: 115135

Ion Ratio Lower Upper

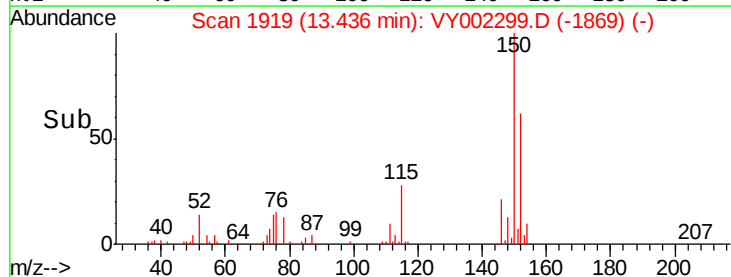
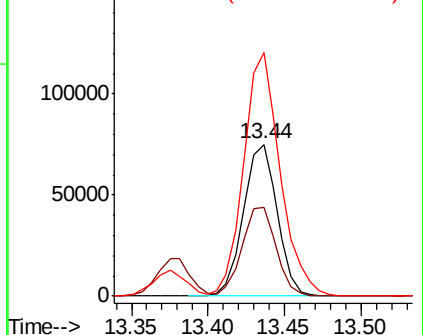
152 100

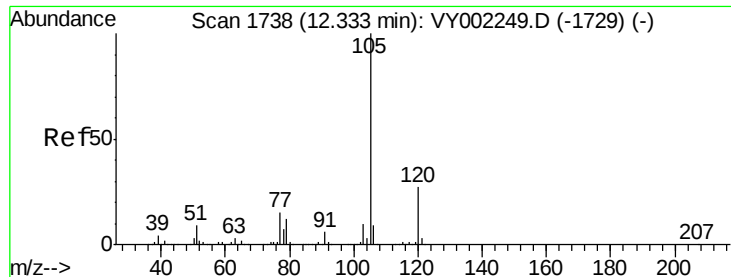
115 58.7 30.7 92.1

150 173.1 0.0 350.6



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





#73

Isopropylbenzene

Concen: 50.143 ug/l

RT: 12.34 min Scan# 1739

Delta R.T. 0.01 min

Lab File: VY002299.D

Acq: 14 Apr 2020 11:21

Instrument :

MSVOA_Y

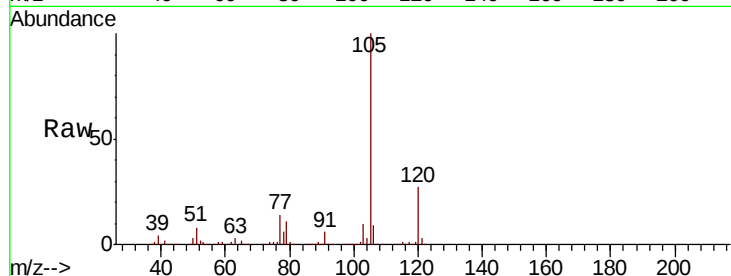
ClientSampleId :

Tot Ion:105 Resp: 453549

Ion Ratio Lower Upper

105 100

120 26.9 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.34

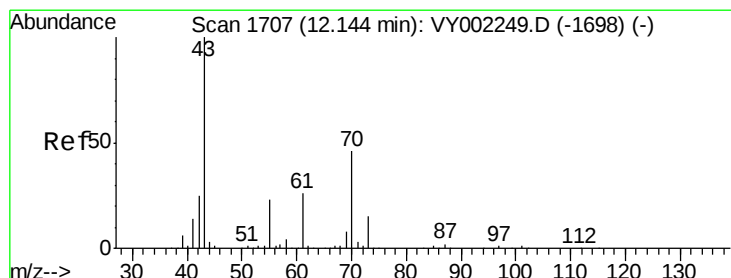
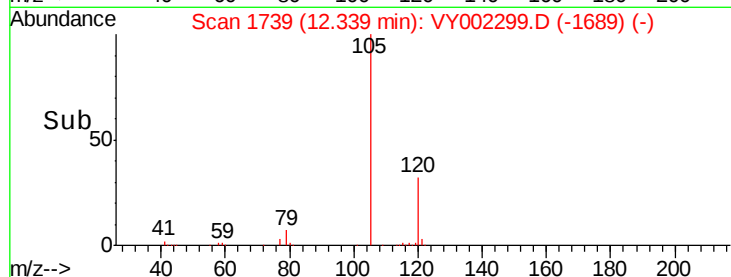
300000

200000

100000

0

Time-->



#74

N-ethyl acetate

Concen: 44.238 ug/l

RT: 12.15 min Scan# 1708

Delta R.T. 0.01 min

Lab File: VY002299.D

Acq: 14 Apr 2020 11:21

Tgt Ion: 43 Resp: 113584

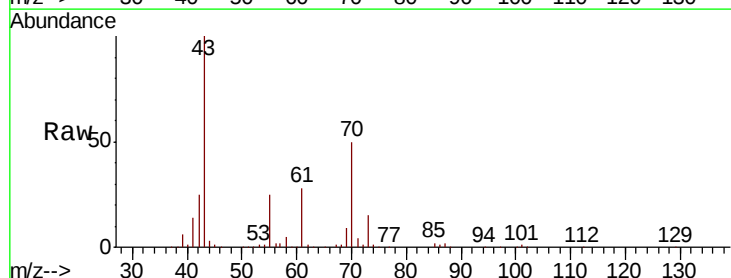
Ion Ratio Lower Upper

43 100

70 50.0 37.5 56.3

55 24.8 19.0 28.6

61 28.0 21.6 32.4



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0

120000

100000

80000

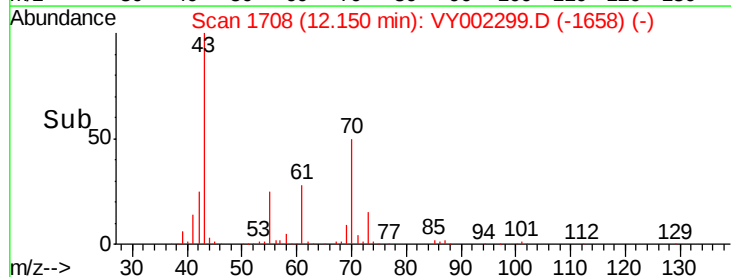
60000

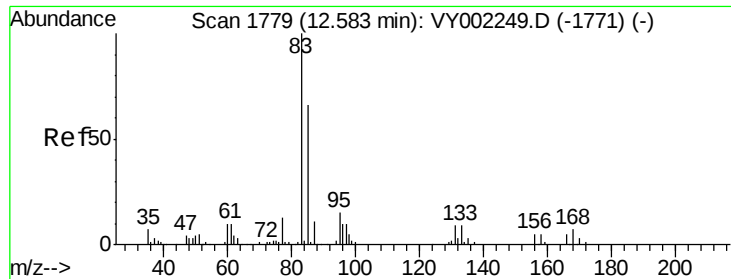
40000

20000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 54.158 ug/l

RT: 12.59 min Scan# 1780

Delta R.T. 0.01 min

Lab File: VY002299.D

Acq: 14 Apr 2020 11:21

Instrument :

MSVOA_Y

ClientSampleId :

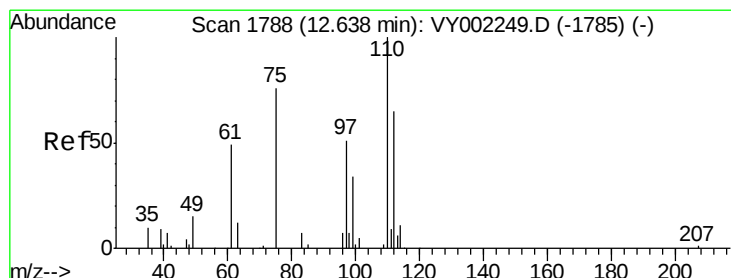
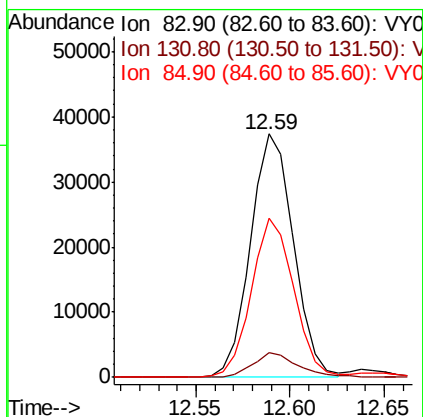
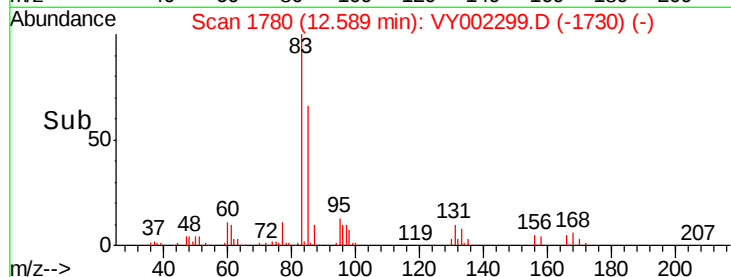
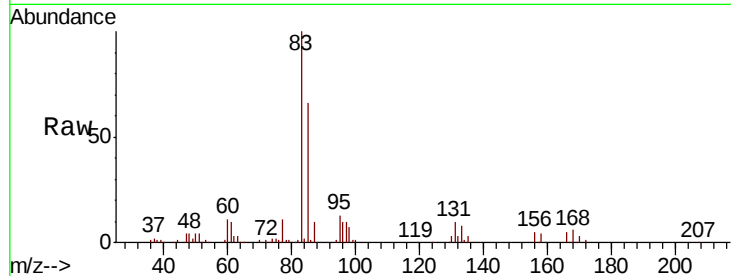
Tot Ion: 83 Resp: 59267

Ion Ratio Lower Upper

83 100

131 10.6 4.9 14.7

85 64.2 32.6 97.8



#76

1,2,3-Trichloropropane

Concen: 86.356 ug/l

RT: 12.64 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VY002299.D

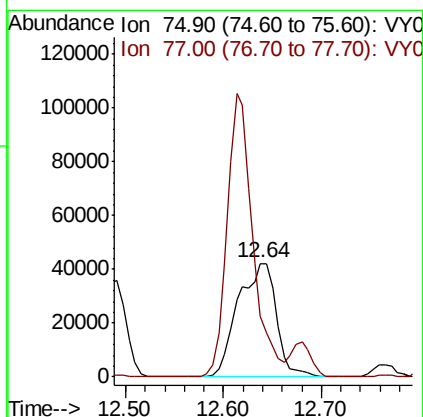
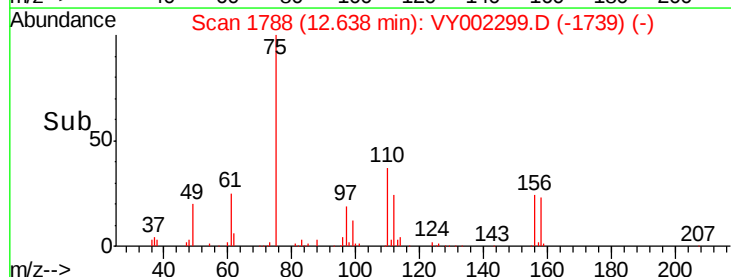
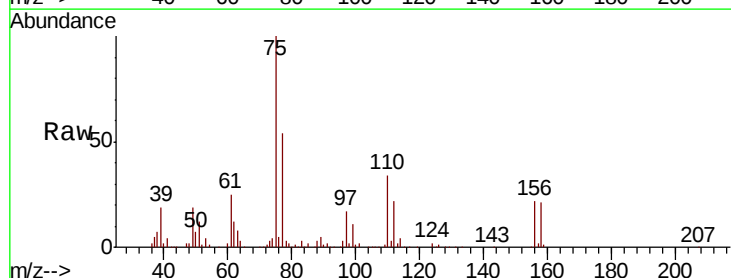
Acq: 14 Apr 2020 11:21

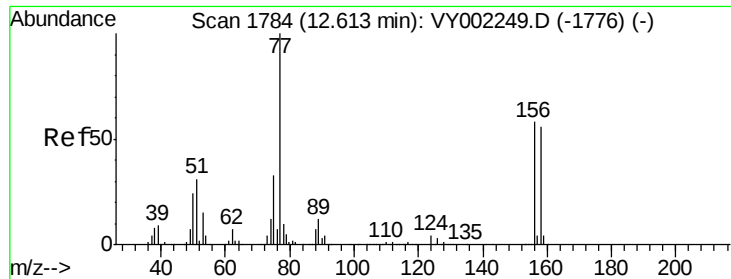
Tgt Ion: 75 Resp: 115455

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 50.746 ug/l

RT: 12.62 min Scan# 1785

Delta R.T. 0.01 min

Lab File: VY002299.D

Acq: 14 Apr 2020 11:21

Instrument :

MSVOA_Y

ClientSampleId :

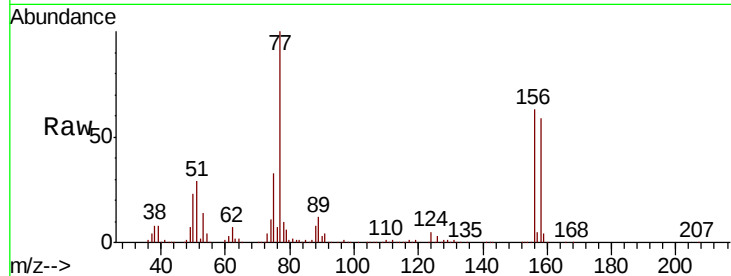
Tot Ion:156 Resp: 100984

Ion Ratio Lower Upper

156 100

77 190.1 101.3 303.9

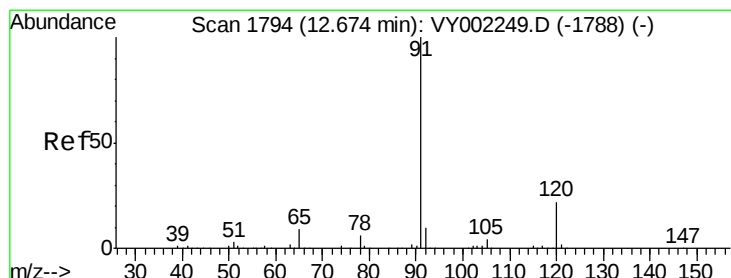
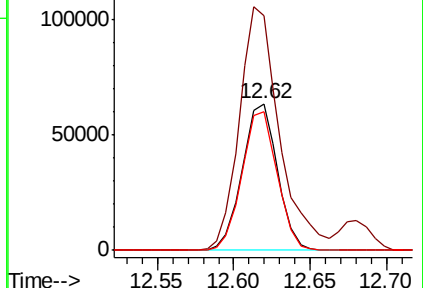
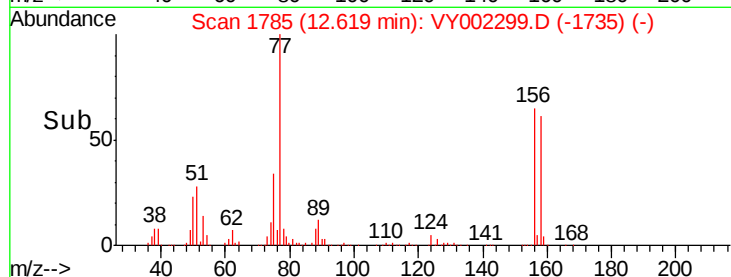
158 95.4 48.3 144.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 49.397 ug/l

RT: 12.68 min Scan# 1795

Delta R.T. 0.01 min

Lab File: VY002299.D

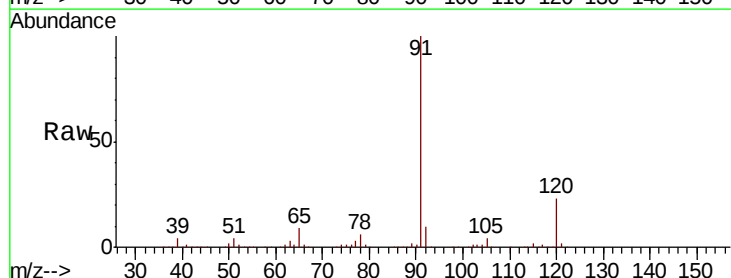
Acq: 14 Apr 2020 11:21

Tgt Ion: 91 Resp: 555688

Ion Ratio Lower Upper

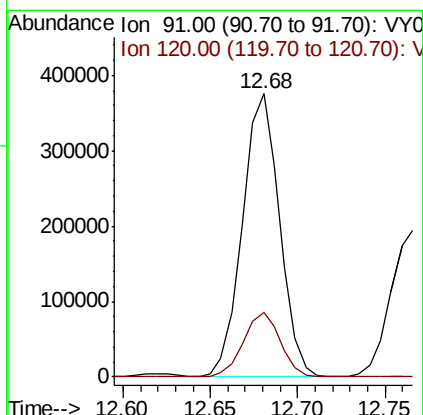
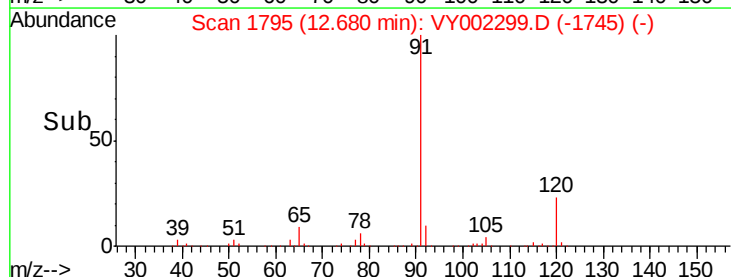
91 100

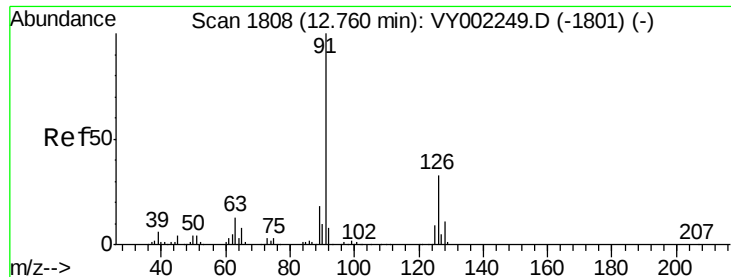
120 22.7 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

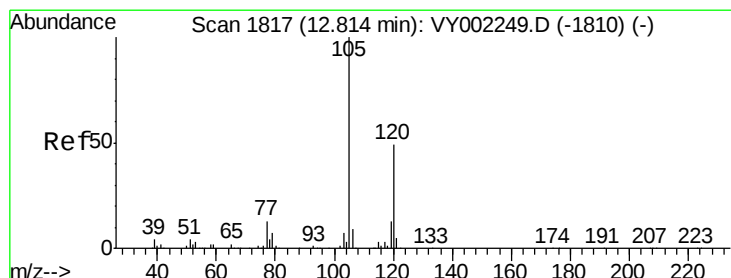
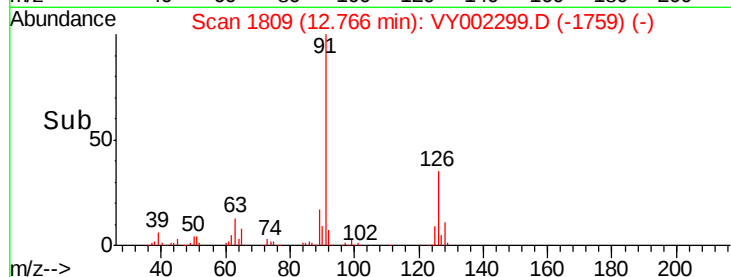
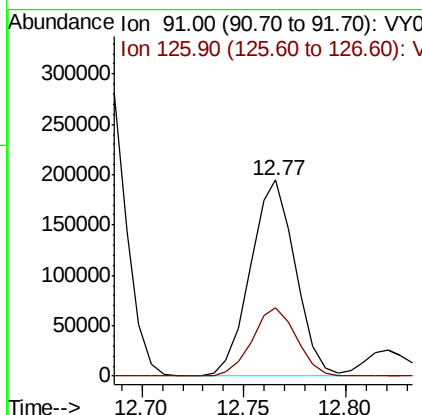
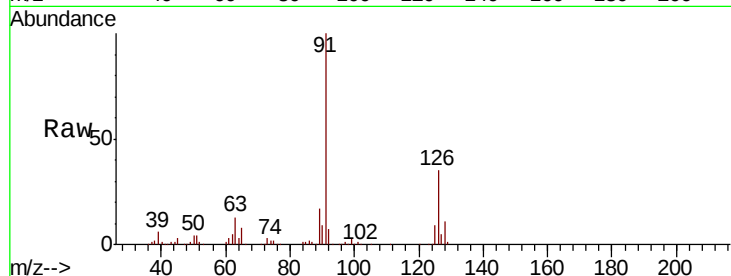




#79
 2-Chlorotoluene
 Concen: 48.676 ug/l
 RT: 12.77 min Scan# 1809
 Delta R.T. 0.01 min
 Lab File: VY002299.D
 Acq: 14 Apr 2020 11:21

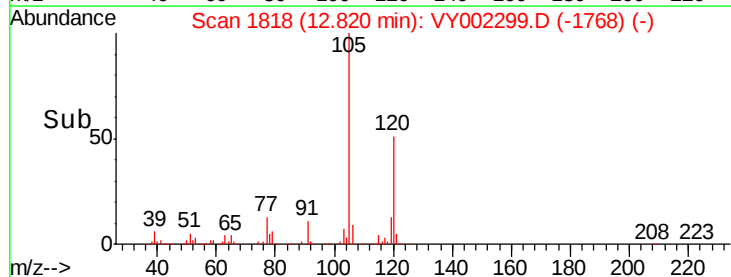
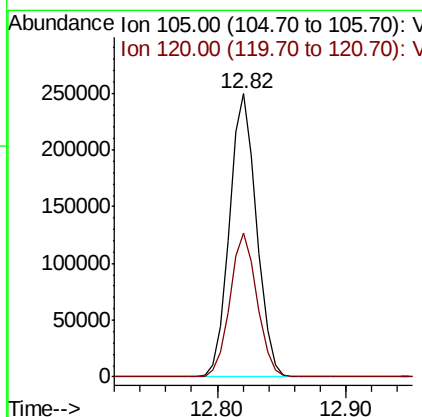
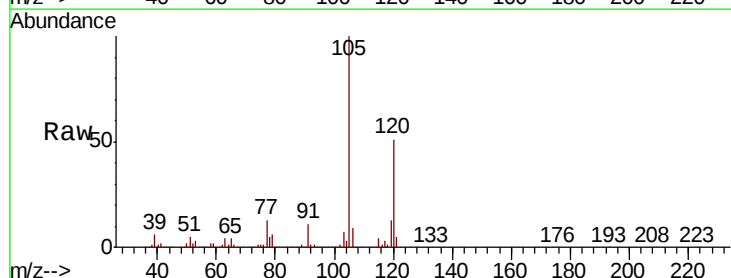
Instrument :
 MSVOA_Y
 ClientSampled :

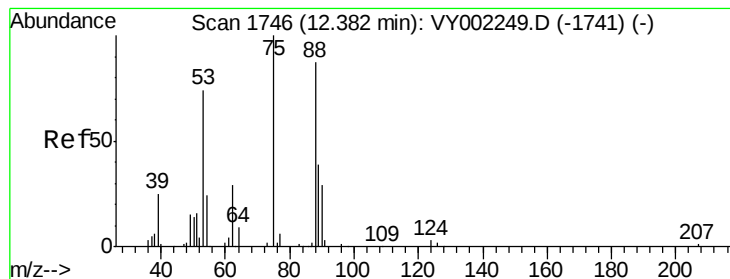
Tot Ion: 91 Resp: 297579
 Ion Ratio Lower Upper
 91 100
 126 34.8 16.9 50.7



#80
 1,3,5-Trimethylbenzene
 Concen: 48.998 ug/l
 RT: 12.82 min Scan# 1818
 Delta R.T. 0.01 min
 Lab File: VY002299.D
 Acq: 14 Apr 2020 11:21

Tgt Ion: 105 Resp: 366536
 Ion Ratio Lower Upper
 105 100
 120 50.7 24.7 74.1





#81

trans-1,4-Dichloro-2-butene

Concen: 49.849 ug/l

RT: 12.39 min Scan# 1747

Delta R.T. 0.01 min

Lab File: VY002299.D

Acq: 14 Apr 2020 11:21

Instrument :

MSVOA_Y

ClientSampleId :

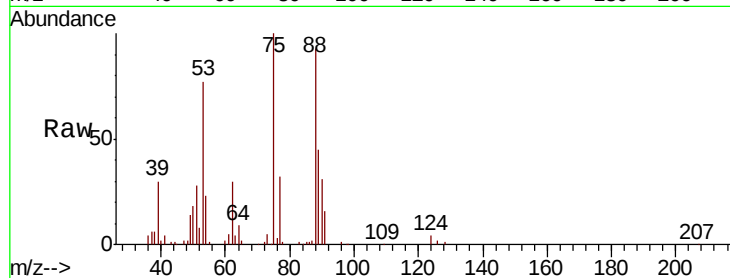
Tot Ion: 75 Resp: 34266

Ion Ratio Lower Upper

75 100

53 73.8 59.8 89.8

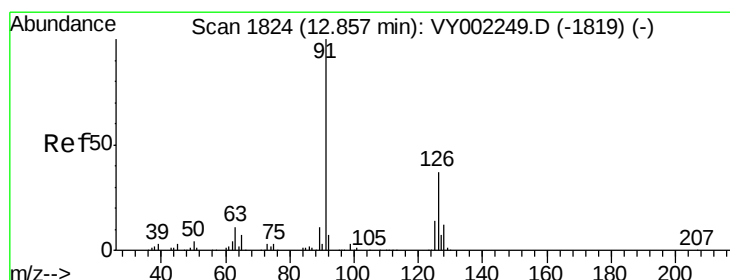
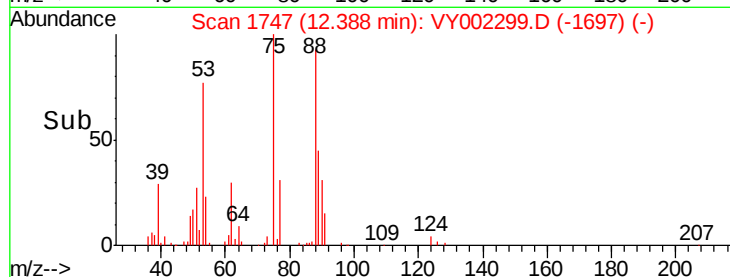
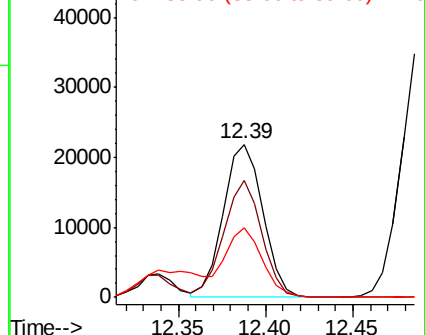
89 44.6 37.0 55.6



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0



#82

4-Chlorotoluene

Concen: 48.412 ug/l

RT: 12.86 min Scan# 1825

Delta R.T. 0.01 min

Lab File: VY002299.D

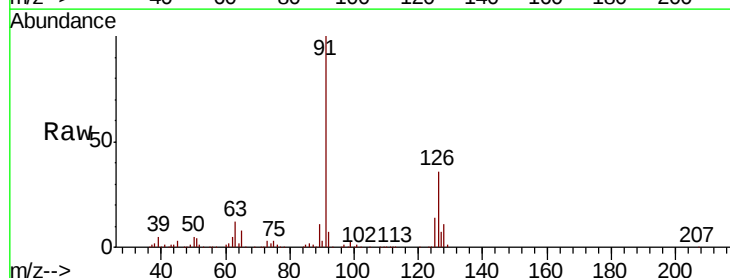
Acq: 14 Apr 2020 11:21

Tgt Ion: 91 Resp: 310203

Ion Ratio Lower Upper

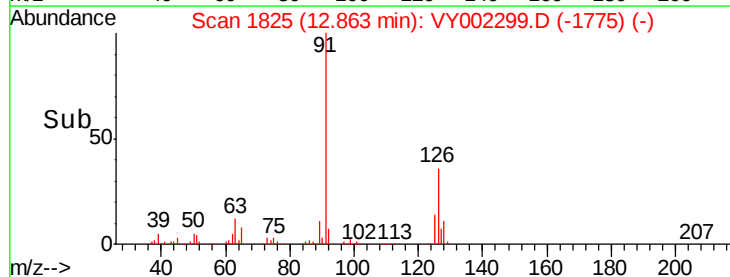
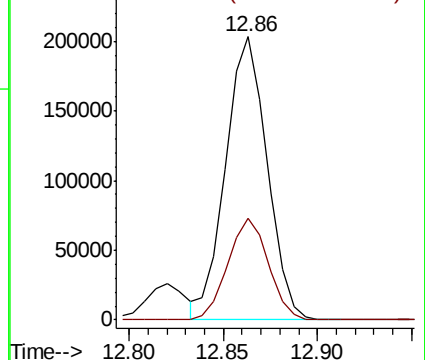
91 100

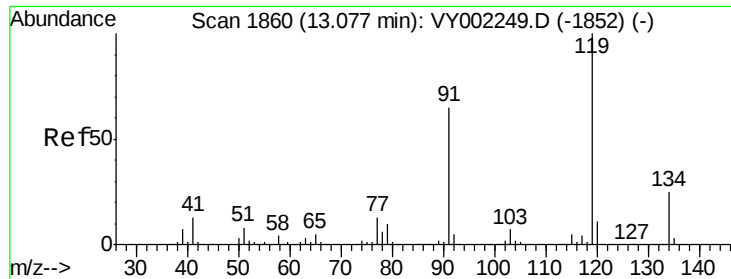
126 35.2 16.9 50.7



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V

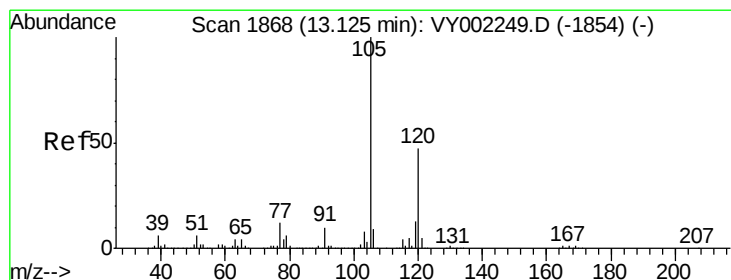
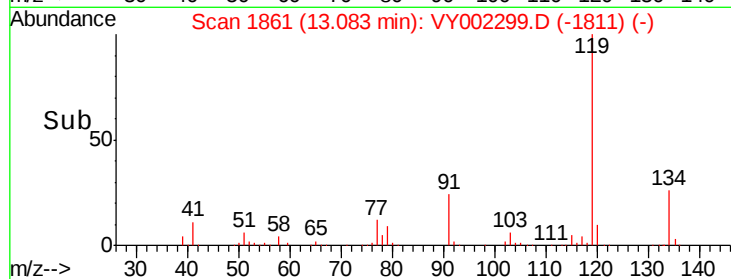
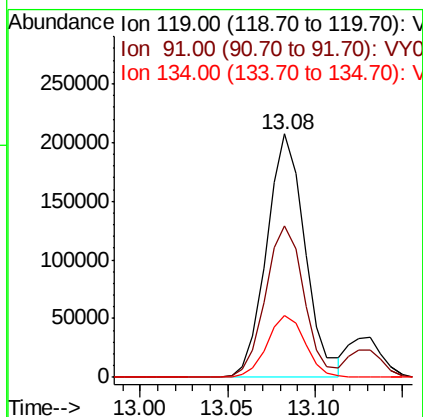
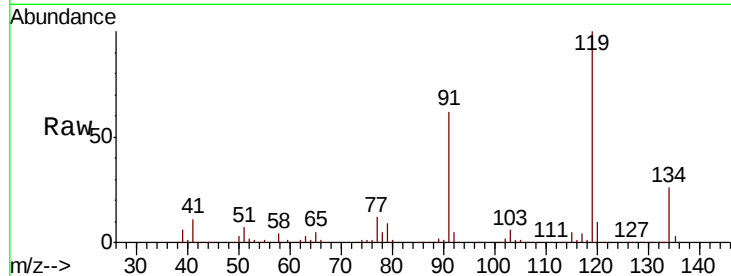




#83
 tert-Butylbenzene
 Concen: 50.508 ug/l
 RT: 13.08 min Scan# 1861
 Delta R.T. 0.01 min
 Lab File: VY002299.D
 Acq: 14 Apr 2020 11:21

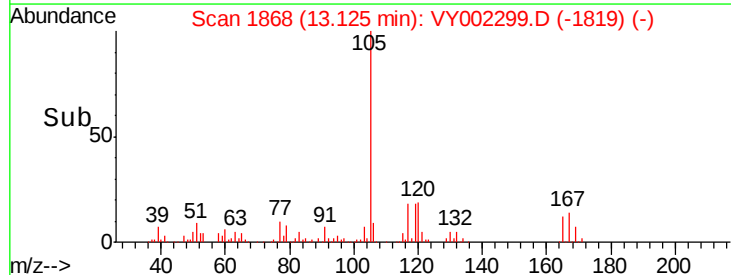
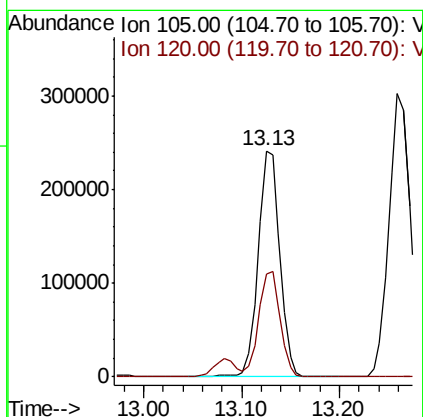
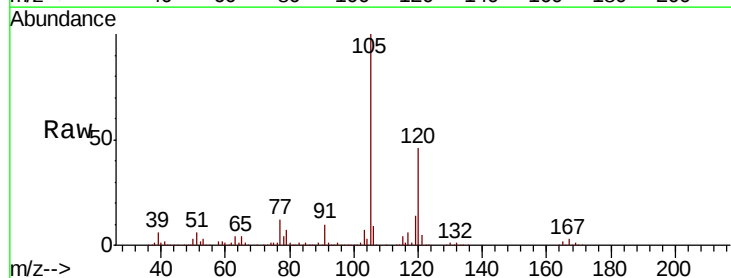
Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion:119 Resp: 316477
 Ion Ratio Lower Upper
 119 100
 91 63.0 32.4 97.0
 134 25.6 12.6 37.6



#84
 1,2,4-Trimethylbenzene
 Concen: 49.259 ug/l
 RT: 13.13 min Scan# 1868
 Delta R.T. -0.00 min
 Lab File: VY002299.D
 Acq: 14 Apr 2020 11:21

Tgt Ion:105 Resp: 367959
 Ion Ratio Lower Upper
 105 100
 120 46.4 23.1 69.2





#85

sec-Butylbenzene

Concen: 48.948 ug/l

RT: 13.26 min Scan# 1890

Delta R.T. 0.01 min

Lab File: VY002299.D

Acq: 14 Apr 2020 11:21

Instrument :

MSVOA_Y

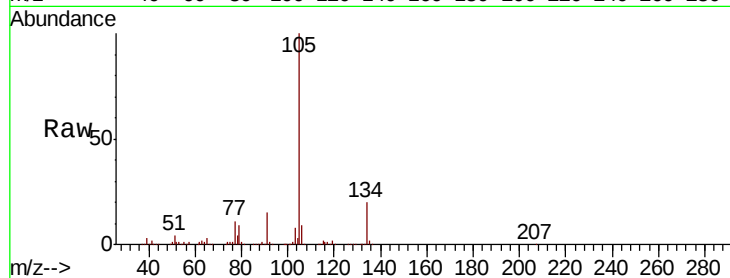
ClientSampleId :

Tot Ion:105 Resp: 456888

Ion Ratio Lower Upper

105 100

134 20.4 9.8 29.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.26

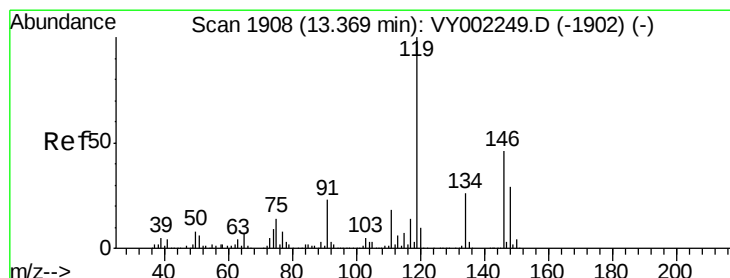
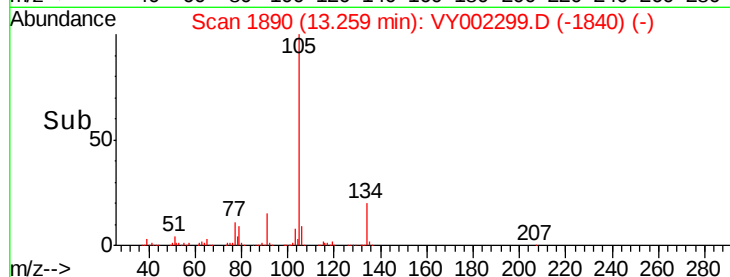
300000

200000

100000

0

Time-->



#86

p-Isopropyltoluene

Concen: 49.549 ug/l

RT: 13.38 min Scan# 1909

Delta R.T. 0.01 min

Lab File: VY002299.D

Acq: 14 Apr 2020 11:21

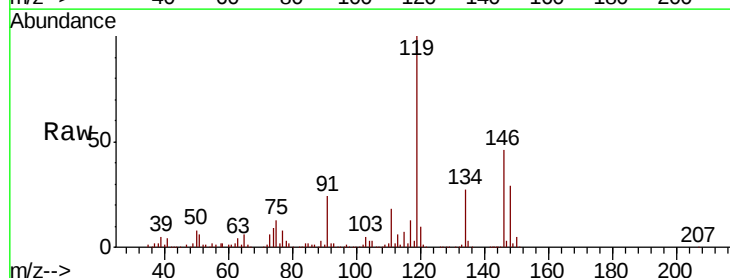
Tgt Ion:119 Resp: 398061

Ion Ratio Lower Upper

119 100

134 26.8 13.3 39.9

91 22.7 11.5 34.4



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

13.38

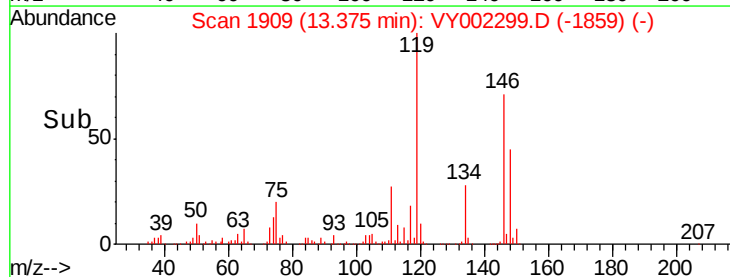
300000

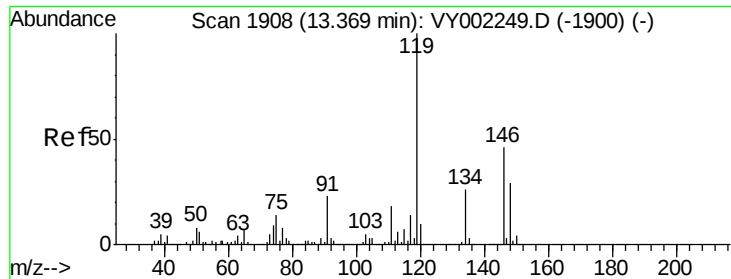
200000

100000

0

Time-->

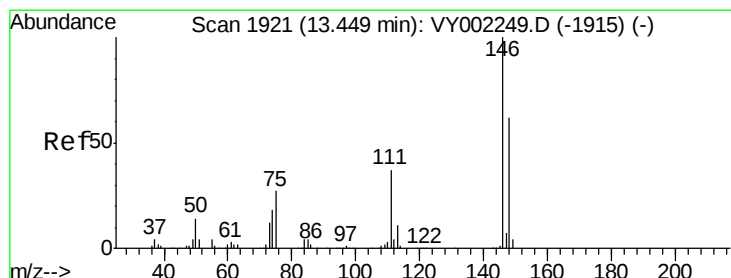
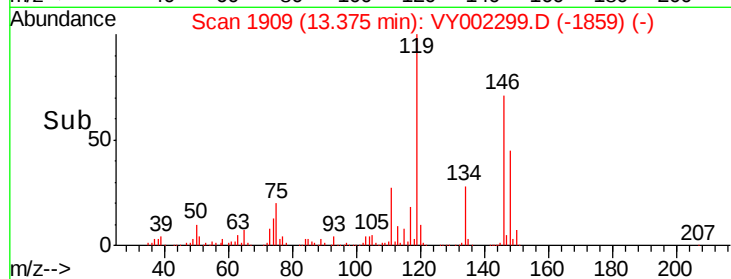
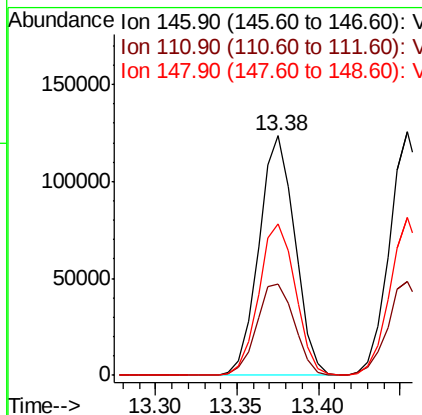
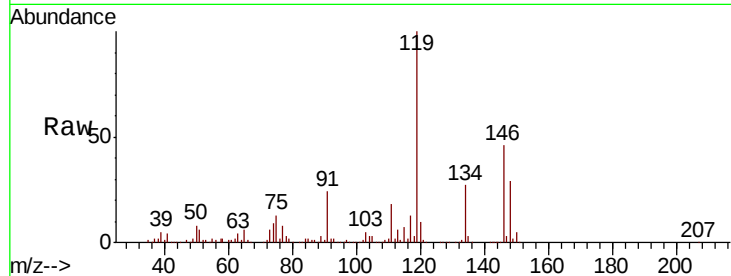




#87
 1,3-Dichlorobenzene
 Concen: 49.301 ug/l
 RT: 13.38 min Scan# 1909
 Delta R.T. 0.01 min
 Lab File: VY002299.D
 Acq: 14 Apr 2020 11:21

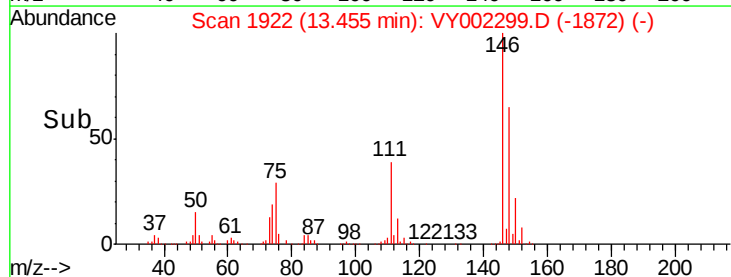
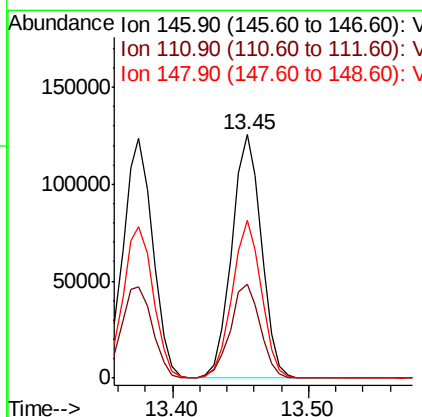
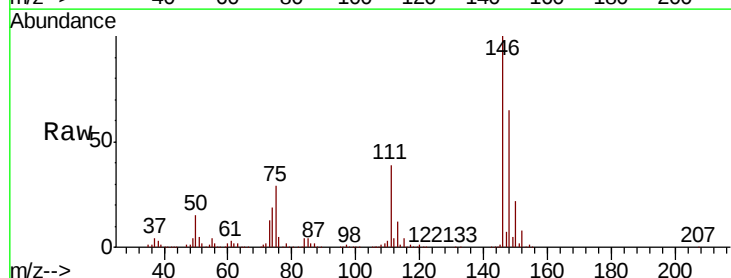
Instrument :
 MSVOA_Y
 ClientSampleId :

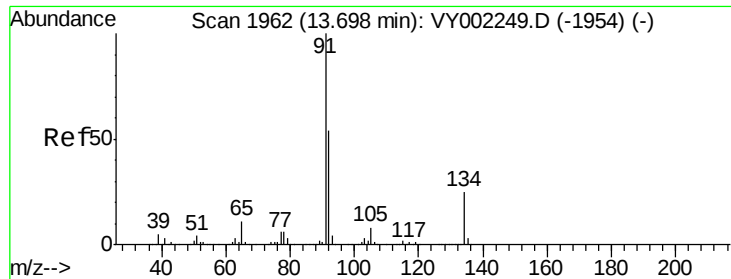
Tot Ion:146 Resp: 190137
 Ion Ratio Lower Upper
 146 100
 111 40.0 20.3 60.8
 148 64.5 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 48.488 ug/l
 RT: 13.45 min Scan# 1922
 Delta R.T. 0.01 min
 Lab File: VY002299.D
 Acq: 14 Apr 2020 11:21

Tgt Ion:146 Resp: 189821
 Ion Ratio Lower Upper
 146 100
 111 39.0 19.6 58.8
 148 63.8 32.0 96.0

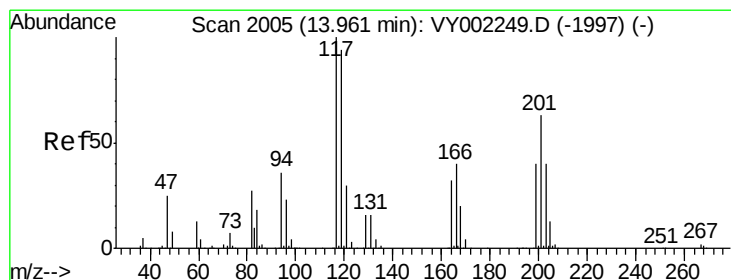
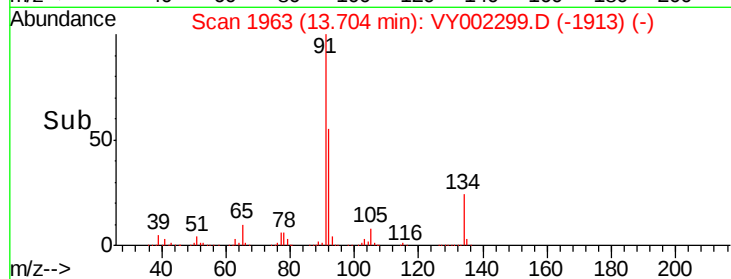
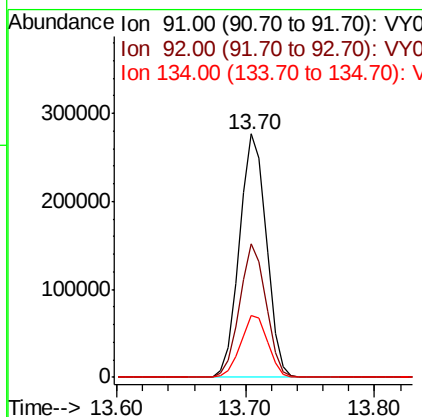
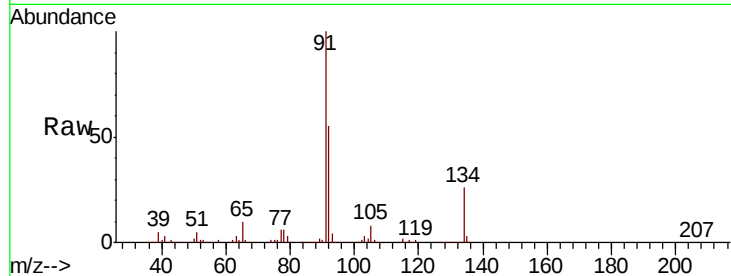




#89
n-Butylbenzene
Concen: 48.564 ug/l
RT: 13.70 min Scan# 1963
Delta R.T. 0.01 min
Lab File: VY002299.D
Acq: 14 Apr 2020 11:21

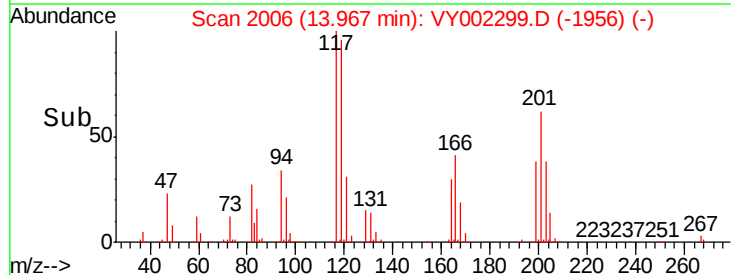
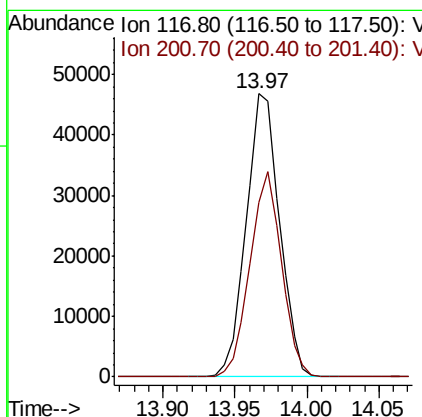
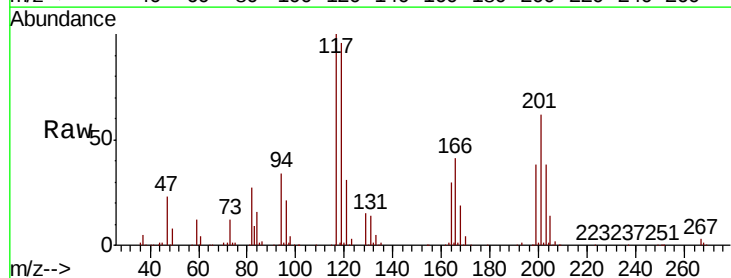
Instrument :
MSVOA_Y
ClientSampleId :

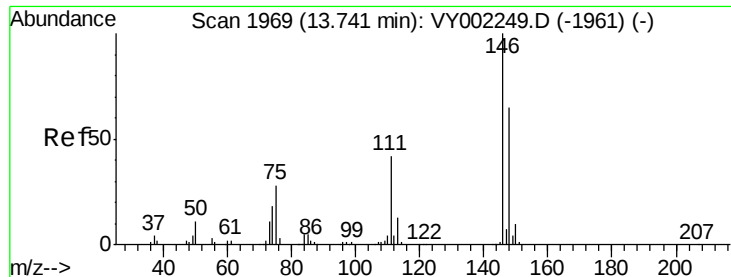
Tot Ion	91	Resp	399907
Ion	Ratio	Lower	Upper
91	100		
92	53.6	27.2	81.6
134	25.6	12.7	38.0



#90
Hexachloroethane
Concen: 48.947 ug/l
RT: 13.97 min Scan# 2006
Delta R.T. 0.01 min
Lab File: VY002299.D
Acq: 14 Apr 2020 11:21

Tgt Ion	117	Resp	74932
Ion	Ratio	Lower	Upper
117	100		
201	68.6	33.1	99.2

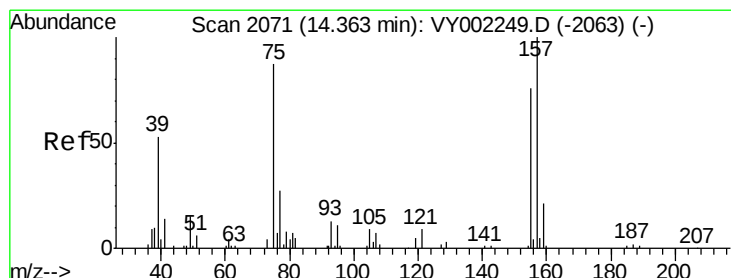
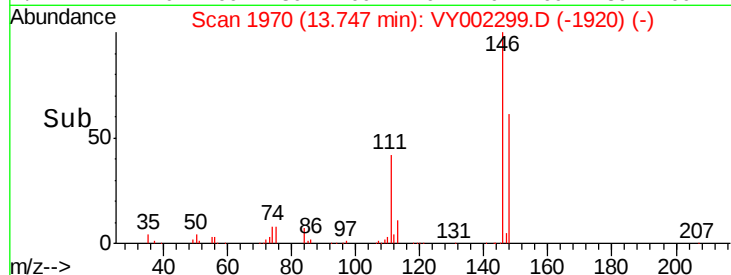
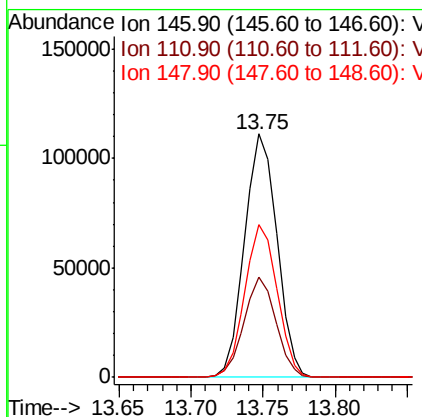
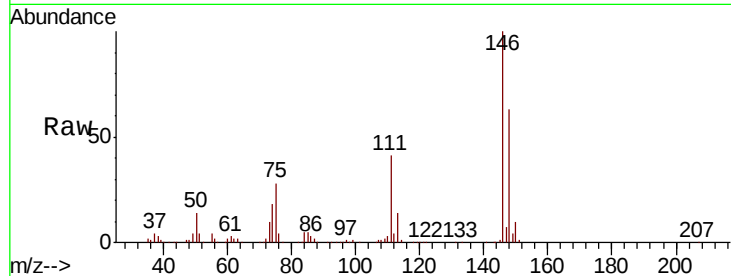




#91
 1,2-Dichlorobenzene
 Concen: 49.536 ug/l
 RT: 13.75 min Scan# 1970
 Delta R.T. 0.01 min
 Lab File: VY002299.D
 Acq: 14 Apr 2020 11:21

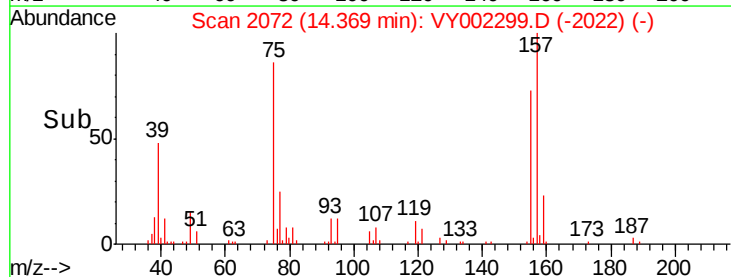
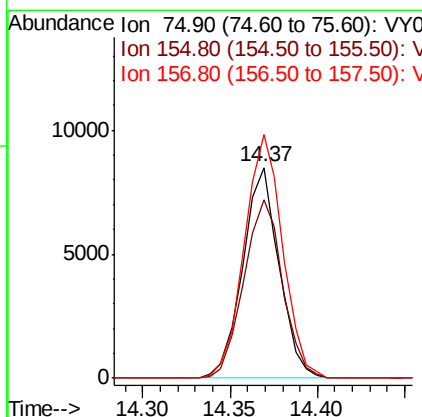
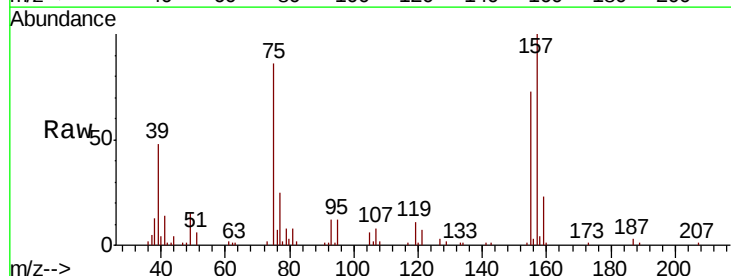
Instrument :
 MSVOA_Y
 ClientSampled :

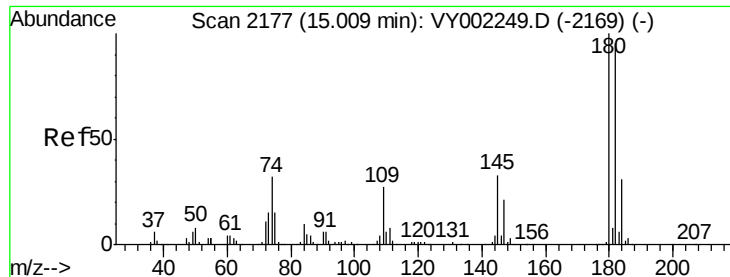
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.7	21.1	63.1
148	62.5	31.9	95.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.246 ug/l
 RT: 14.37 min Scan# 2072
 Delta R.T. 0.01 min
 Lab File: VY002299.D
 Acq: 14 Apr 2020 11:21

Tgt Ion	Ratio	Lower	Upper
75	100		
155	90.2	43.6	130.8
157	121.5	56.0	168.2

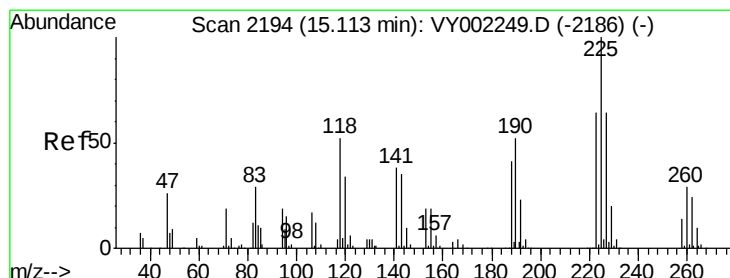
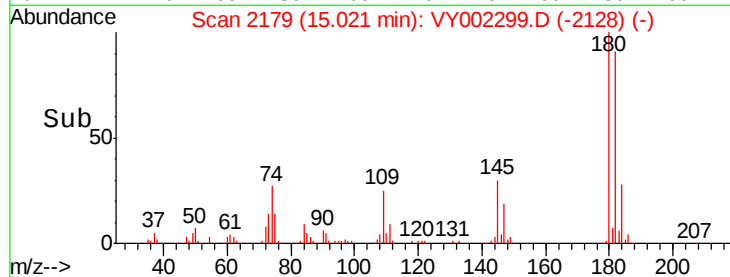
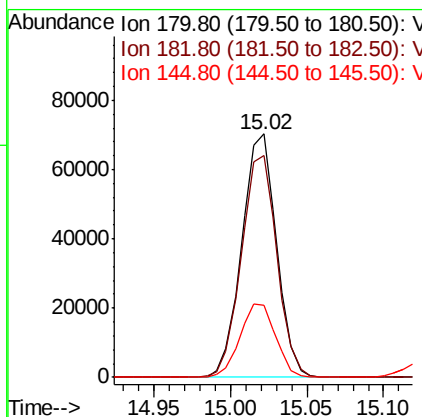
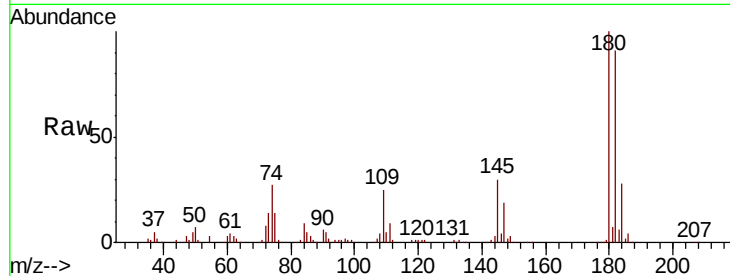




#93
 1,2,4-Trichlorobenzene
 Concen: 48.199 ug/l
 RT: 15.02 min Scan# 2179
 Delta R.T. 0.01 min
 Lab File: VY002299.D
 Acq: 14 Apr 2020 11:21

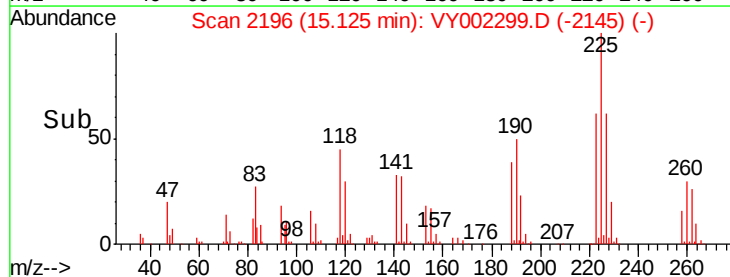
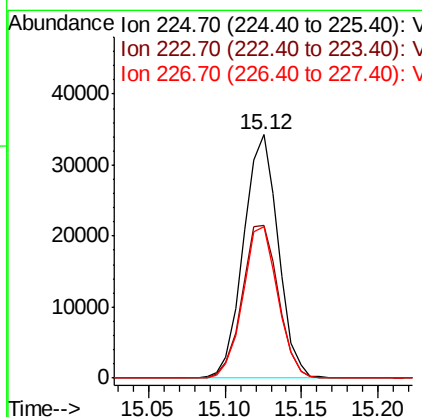
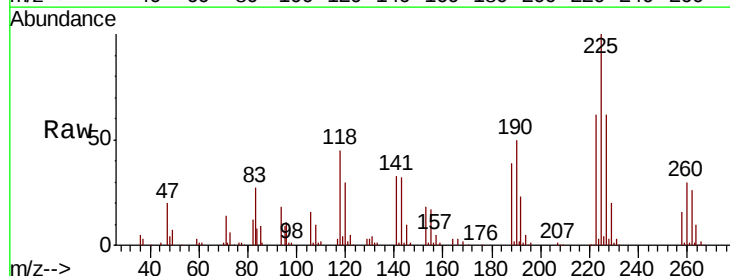
Instrument :
 MSVOA_Y
 ClientSampled :

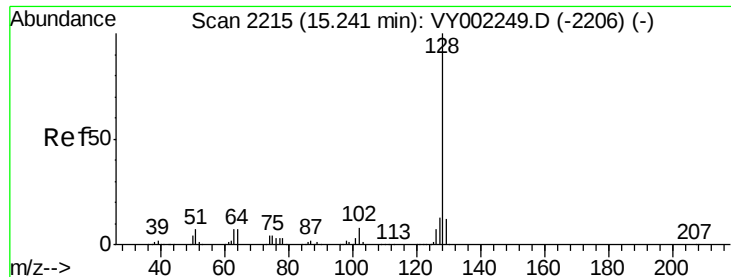
Tot Ion	Ratio	Lower	Upper
180	100		
182	93.5	47.9	143.7
145	31.2	16.0	48.0



#94
 Hexachlorobutadiene
 Concen: 46.571 ug/l
 RT: 15.12 min Scan# 2196
 Delta R.T. 0.01 min
 Lab File: VY002299.D
 Acq: 14 Apr 2020 11:21

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.7	31.0	93.0
227	63.1	31.3	93.9

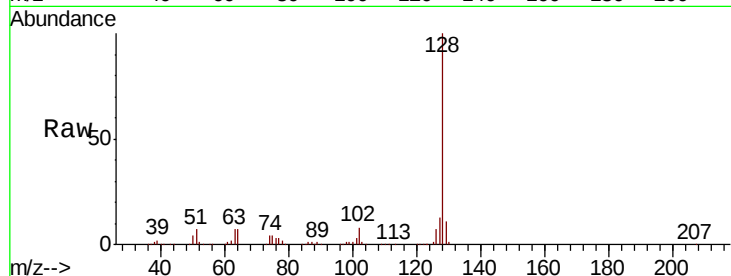




#95
Naphthalene
Concen: 47.316 ug/l
RT: 15.25 min Scan# 2216
Delta R.T. 0.01 min
Lab File: VY002299.D
Acq: 14 Apr 2020 11:21

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.4	10.1	15.1
129	11.0	8.7	13.1

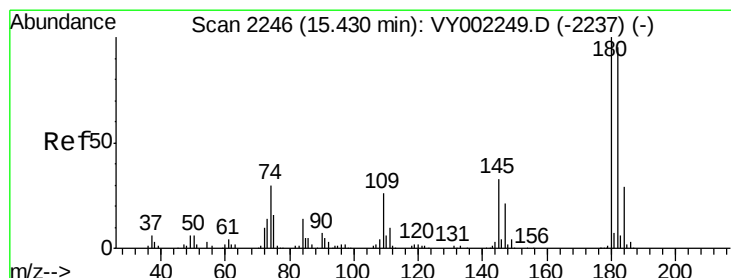
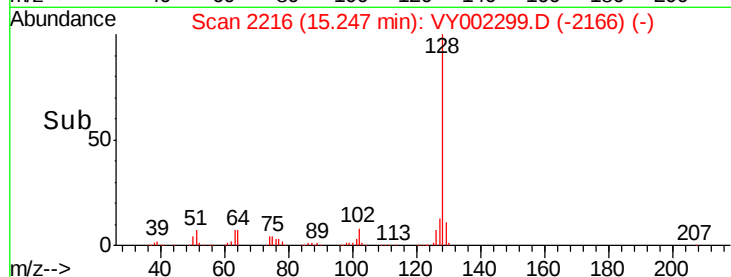
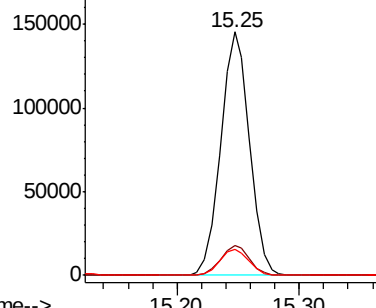


Abundance

Ion 128.00 (127.70 to 128.70): V

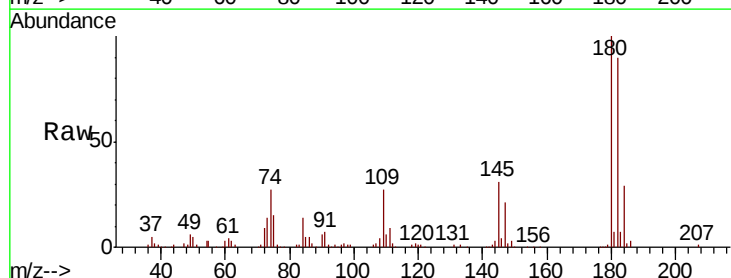
Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 47.347 ug/l
RT: 15.44 min Scan# 2247
Delta R.T. 0.01 min
Lab File: VY002299.D
Acq: 14 Apr 2020 11:21

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.9	47.1	141.3
145	32.2	16.7	50.1



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

