

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY021720\
 Data File : VY001661.D
 Acq On : 17 Feb 2020 20:48
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 18 00:38:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y021720S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 17 12:19:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	176310	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	320760	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	291191	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	140704	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.17	65	105472	55.61	ug/l	0.00
Spiked Amount			Recovery	=	111.22%	
35) Dibromofluoromethane	7.75	113	96126	52.32	ug/l	0.00
Spiked Amount			Recovery	=	104.64%	
50) Toluene-d8	10.20	98	400521	55.65	ug/l	0.00
Spiked Amount			Recovery	=	111.30%	
62) 4-Bromofluorobenzene	12.50	95	144951	51.84	ug/l	0.00
Spiked Amount			Recovery	=	103.68%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	95509	55.573	ug/l	98
3) Chloromethane	2.13	50	122874	53.155	ug/l	99
4) Vinyl Chloride	2.26	62	122959	52.737	ug/l	99
5) Bromomethane	2.66	94	80102	54.970	ug/l	98
6) Chloroethane	2.81	64	76979	53.578	ug/l	99
7) Trichlorofluoromethane	3.15	101	158502	53.116	ug/l	98
8) Diethyl Ether	3.55	74	63317	53.823	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.93	101	97508	51.987	ug/l	98
10) Methyl Iodide	4.12	142	117249	51.078	ug/l	98
11) Tert butyl alcohol	4.99	59	55408	252.443	ug/l #	89
12) 1,1-Dichloroethene	3.90	96	101010	52.802	ug/l	97
13) Acrolein	3.76	56	46335	241.915	ug/l	98
14) Allyl chloride	4.52	41	178309	52.373	ug/l	97
15) Acrylonitrile	5.21	53	161365	267.611	ug/l	98
16) Acetone	3.97	43	152340	232.155	ug/l	97
17) Carbon Disulfide	4.22	76	330316	51.720	ug/l	99
18) Methyl Acetate	4.51	43	74749	52.307	ug/l	98
19) Methyl tert-butyl Ether	5.26	73	284893	53.489	ug/l	100
20) Methylene Chloride	4.75	84	128202	55.003	ug/l	95
21) trans-1,2-Dichloroethene	5.25	96	113916	52.193	ug/l	97
22) Diisopropyl ether	6.16	45	377214	53.951	ug/l	96
23) Vinyl Acetate	6.10	43	1222834	268.128	ug/l	97
24) 1,1-Dichloroethane	6.05	63	195119	52.214	ug/l	99
25) 2-Butanone	7.02	43	227889	255.647	ug/l	98
26) 2,2-Dichloropropane	7.02	77	158216	48.664	ug/l	99
27) cis-1,2-Dichloroethene	7.02	96	127336	52.855	ug/l	97
28) Bromochloromethane	7.36	49	88932	57.130	ug/l	99
29) Tetrahydrofuran	7.38	42	147518	273.793	ug/l	97
30) Chloroform	7.54	83	189682	51.948	ug/l	98
31) Cyclohexane	7.82	56	197548	49.582	ug/l	100
32) 1,1,1-Trichloroethane	7.73	97	159721	52.046	ug/l	99
36) 1,1-Dichloropropene	7.94	75	155233	50.665	ug/l	98
37) Ethyl Acetate	7.11	43	94253	51.541	ug/l	98
38) Carbon Tetrachloride	7.93	117	138037	51.292	ug/l	100

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39) Methylcyclohexane	9.21	83	202988	49.939	ug/l	98
40) Benzene	8.19	78	472156	52.397	ug/l	97
41) Methacrylonitrile	7.37	41	129353	140.877	ug/l #	31
42) 1,2-Dichloroethane	8.27	62	130827	53.293	ug/l	100
43) Isopropyl Acetate	8.30	43	184280	53.112	ug/l	99
44) Trichloroethene	8.96	130	115823	51.490	ug/l	96
45) 1,2-Dichloropropane	9.24	63	118098	52.332	ug/l	98
46) Dibromomethane	9.33	93	62718	53.135	ug/l	99
47) Bromodichloromethane	9.52	83	149647	52.531	ug/l	99
48) Methyl methacrylate	9.32	41	83930	53.486	ug/l	98
49) 1,4-Dioxane	9.32	88	17122	1027.037	ug/l	94
51) 4-Methyl-2-Pentanone	10.09	43	484017	271.511	ug/l	97
52) Toluene	10.26	92	289515	51.508	ug/l	99
53) t-1,3-Dichloropropene	10.49	75	164436	52.213	ug/l	100
54) cis-1,3-Dichloropropene	9.95	75	188687	52.057	ug/l	98
55) 1,1,2-Trichloroethane	10.66	97	92508	53.151	ug/l	99
56) Ethyl methacrylate	10.53	69	140920	53.971	ug/l	96
57) 1,3-Dichloropropane	10.81	76	163286	52.801	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.80	63	233229	236.484	ug/l	100
59) 2-Hexanone	10.85	43	349976	261.650	ug/l	98
60) Dibromochloromethane	11.00	129	101963	53.137	ug/l	100
61) 1,2-Dibromoethane	11.11	107	88179	53.583	ug/l	99
64) Tetrachloroethene	10.74	164	98034	53.630	ug/l	98
65) Chlorobenzene	11.53	112	298745	51.387	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.61	131	102002	52.013	ug/l	100
67) Ethyl Benzene	11.61	91	555171	51.459	ug/l	99
68) m/p-Xylenes	11.72	106	417867	103.688	ug/l	100
69) o-Xylene	12.05	106	197994	51.677	ug/l	99
70) Styrene	12.06	104	349752	52.526	ug/l	100
71) Bromoform	12.22	173	59108	52.740	ug/l #	99
73) Isopropylbenzene	12.35	105	533029	49.727	ug/l	99
74) N-amyl acetate	12.16	43	181479	53.050	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.59	83	118498	51.774	ug/l	100
76) 1,2,3-Trichloropropane	12.65	75	152514	94.491	ug/l #	100
77) Bromobenzene	12.63	156	116658	50.204	ug/l	98
78) n-propylbenzene	12.69	91	658048	50.406	ug/l	100
79) 2-Chlorotoluene	12.77	91	366642	50.074	ug/l	99
80) 1,3,5-Trimethylbenzene	12.83	105	448308	50.524	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.39	75	41890	49.238	ug/l	96
82) 4-Chlorotoluene	12.87	91	391426	50.686	ug/l	99
83) tert-Butylbenzene	13.09	119	371520	50.062	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	450684	50.947	ug/l	100
85) sec-Butylbenzene	13.27	105	551856	50.562	ug/l	100
86) p-Isopropyltoluene	13.38	119	475639	50.163	ug/l	99
87) 1,3-Dichlorobenzene	13.38	146	227399	50.459	ug/l	99
88) 1,4-Dichlorobenzene	13.46	146	228791	50.224	ug/l	99
89) n-Butylbenzene	13.71	91	486465	50.210	ug/l	99
90) Hexachloroethane	13.97	117	90965	50.919	ug/l	97
91) 1,2-Dichlorobenzene	13.75	146	211043	50.745	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.38	75	18907	50.055	ug/l	97

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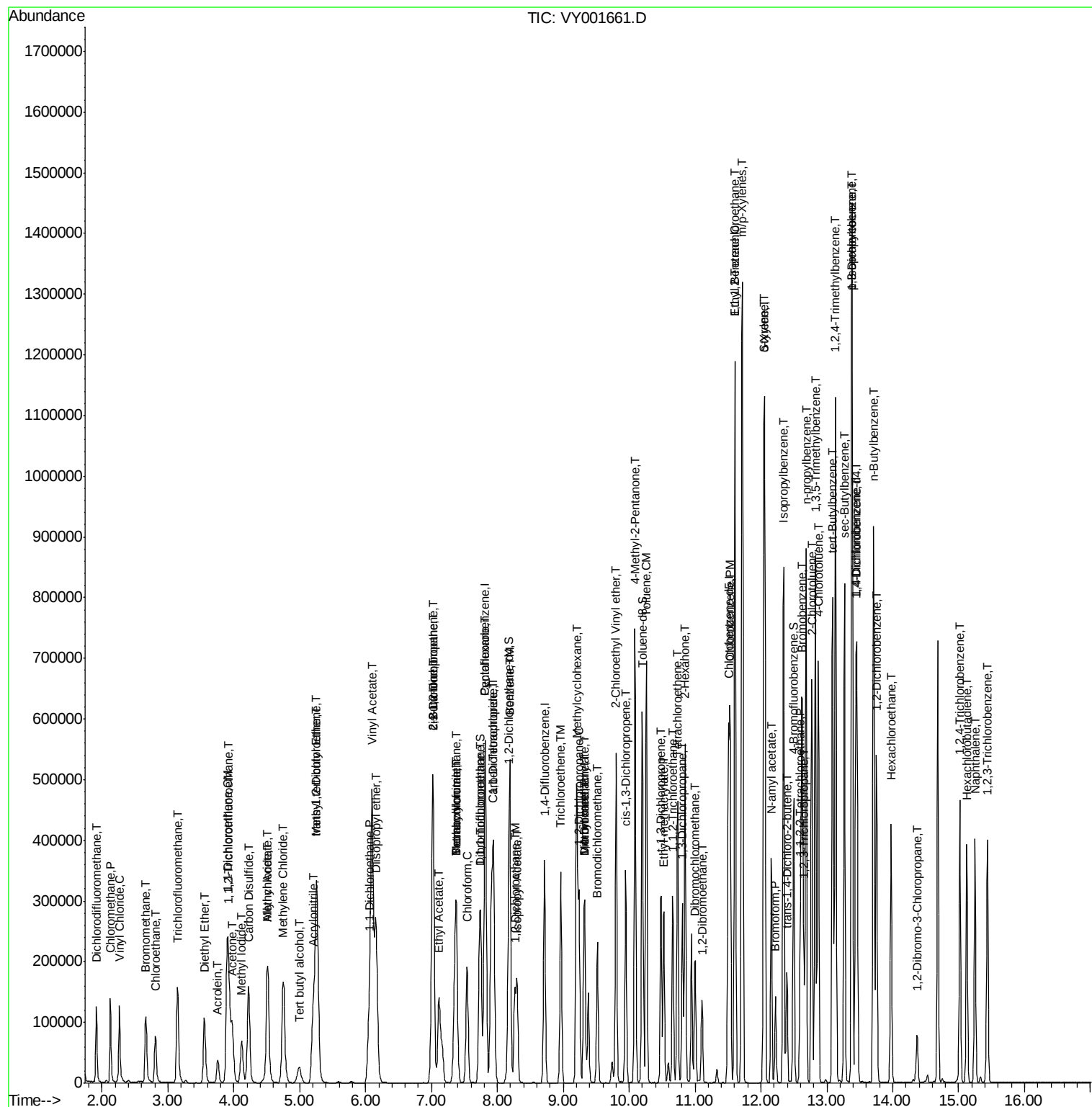
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	136728	49.610	ug/l	99
94) Hexachlorobutadiene	15.13	225	66525	48.536	ug/l	99
95) Naphthalene	15.25	128	321481	50.590	ug/l	99
96) 1,2,3-Trichlorobenzene	15.44	180	120497	49.696	ug/l	99

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 998

Delta R.T. 0.01 min

Lab File: VY001661.D

Acq: 17 Feb 2020 20:48

Instrument :

MSVOA_Y

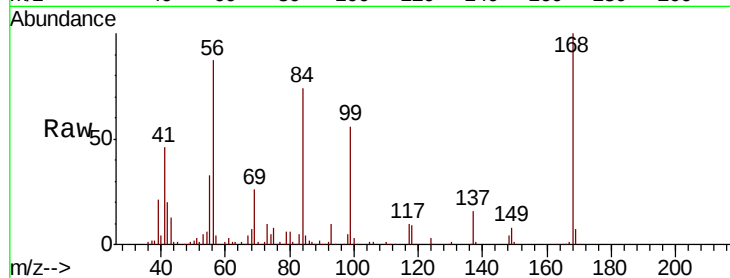
ClientSampleId :

Tot Ion:168 Resp: 176310

Ion Ratio Lower Upper

168 100

99 56.1 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): VY001638.D (-987) (-)

Ion 98.90 (98.60 to 99.60): VY001638.D (-987) (-)

7.82

80000

60000

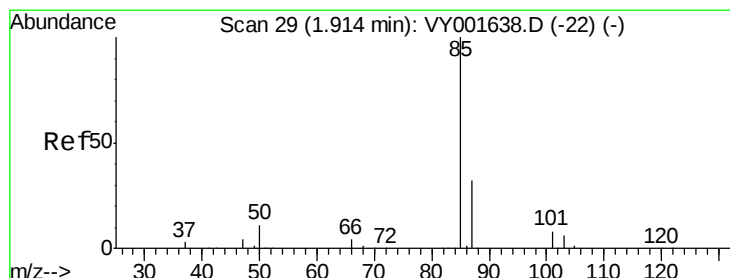
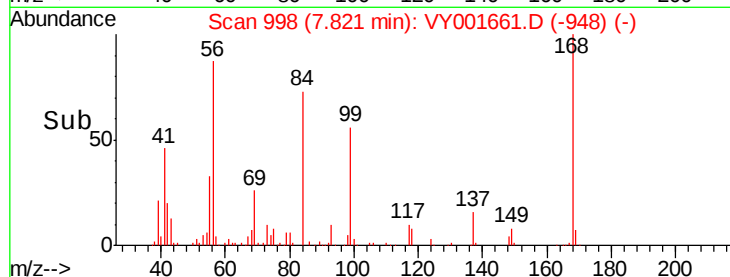
40000

20000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 55.573 ug/l

RT: 1.91 min Scan# 29

Delta R.T. 0.00 min

Lab File: VY001661.D

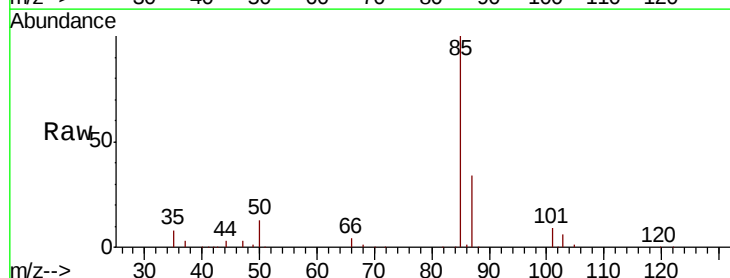
Acq: 17 Feb 2020 20:48

Tgt Ion: 85 Resp: 95509

Ion Ratio Lower Upper

85 100

87 33.6 16.2 48.6



Abundance Ion 84.90 (84.60 to 85.60): VY001638.D (-22) (-)

Ion 86.90 (86.60 to 87.60): VY001638.D (-22) (-)

1.91

80000

60000

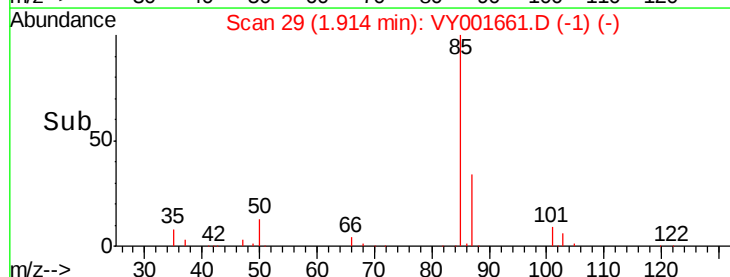
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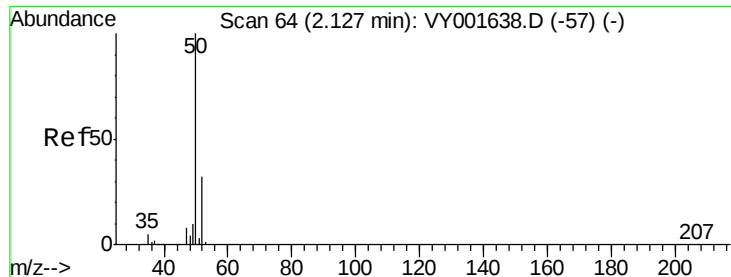
20000

0

1.85 1.90 1.95 2.00 2.05

Time-->

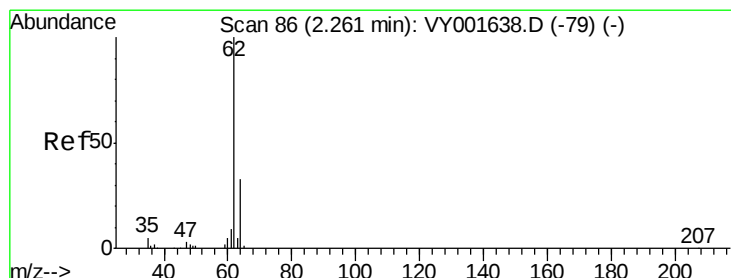
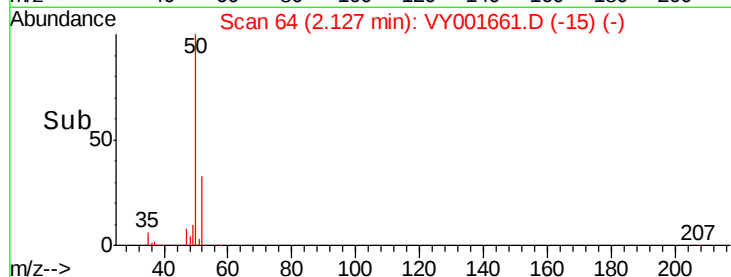
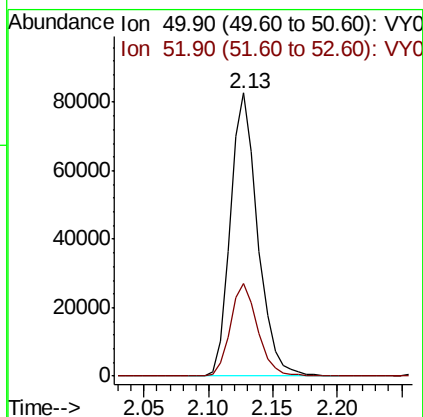
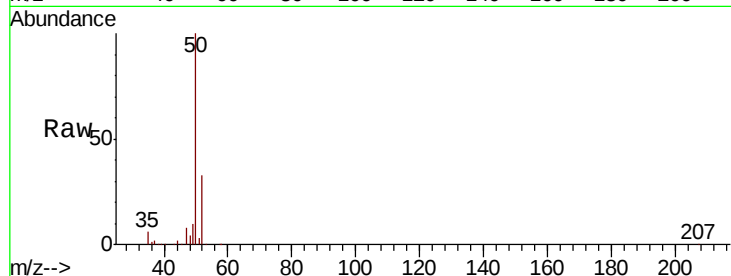




#3
Chloromethane
Concen: 53.155 ug/l
RT: 2.13 min Scan# 64
Delta R.T. 0.00 min
Lab File: VY001661.D
Acq: 17 Feb 2020 20:48

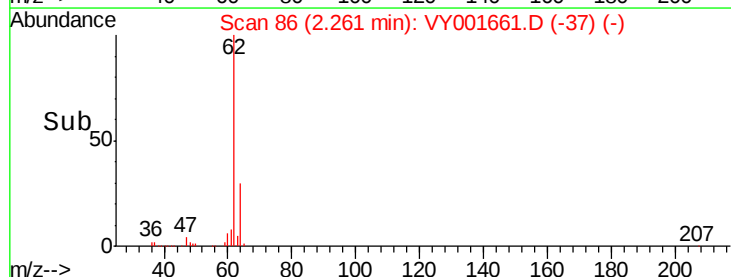
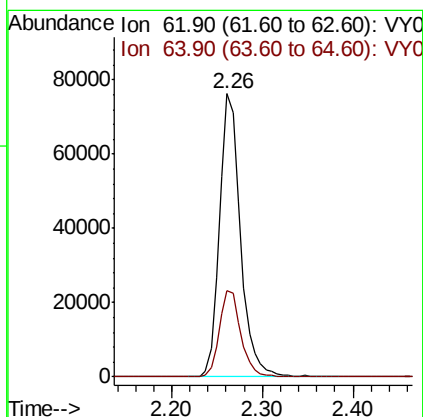
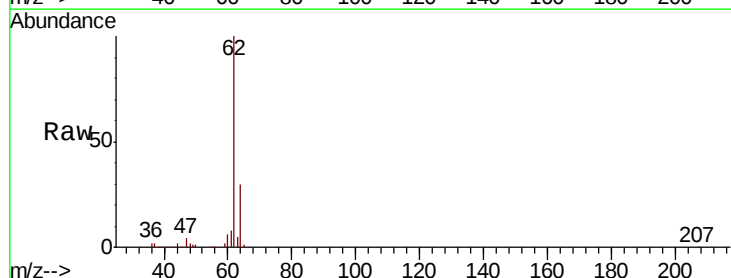
Instrument :
MSVOA_Y
ClientSampleId :

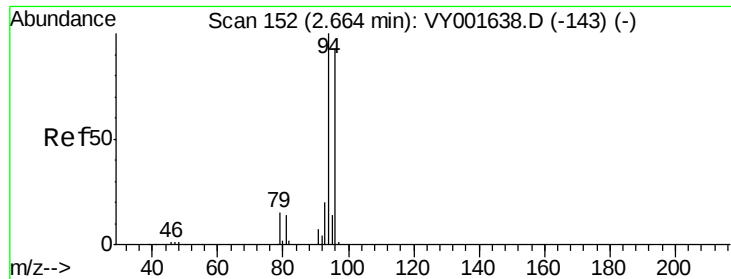
Tot Ion: 50 Resp: 122874
Ion Ratio Lower Upper
50 100
52 32.7 25.8 38.6



#4
Vinyl Chloride
Concen: 52.737 ug/l
RT: 2.26 min Scan# 86
Delta R.T. 0.00 min
Lab File: VY001661.D
Acq: 17 Feb 2020 20:48

Tgt Ion: 62 Resp: 122959
Ion Ratio Lower Upper
62 100
64 30.5 24.9 37.3





#5

Bromomethane

Concen: 54.970 ug/l

RT: 2.66 min Scan# 152

Delta R.T. 0.00 min

Lab File: VY001661.D

Acq: 17 Feb 2020 20:48

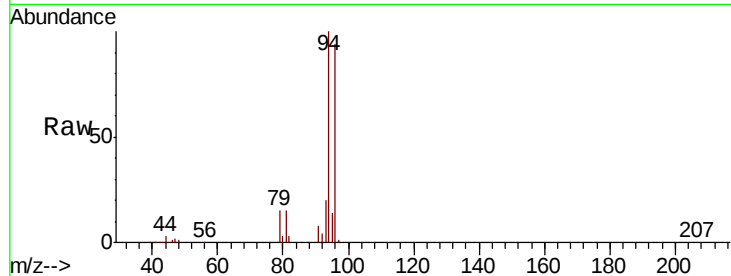
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 94 Resp: 80102

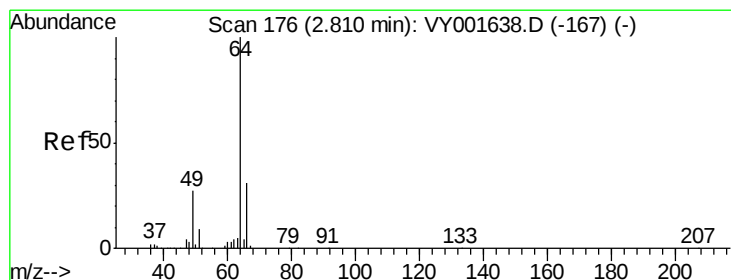
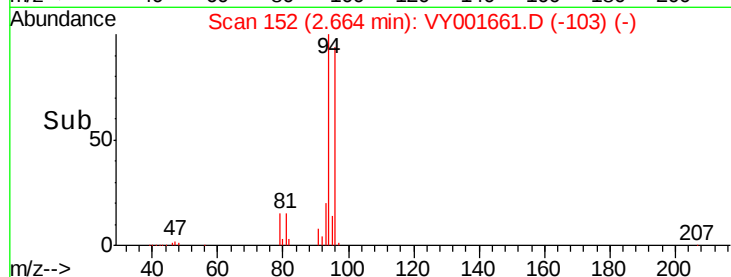
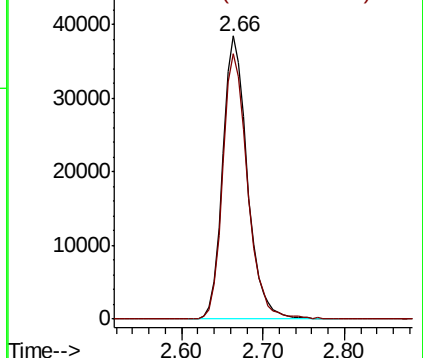
Ion Ratio Lower Upper

94 100

96 93.8 73.7 110.5



Abundance Ion 93.90 (93.60 to 94.60): VY0
Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 53.578 ug/l

RT: 2.81 min Scan# 176

Delta R.T. 0.00 min

Lab File: VY001661.D

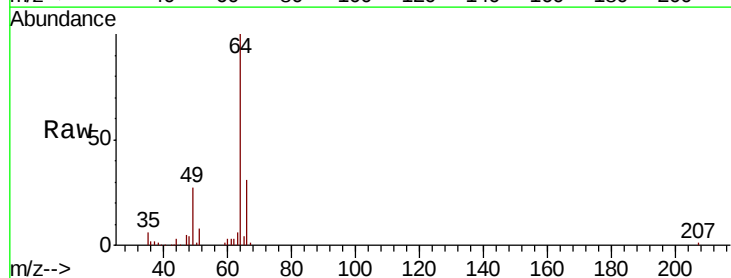
Acq: 17 Feb 2020 20:48

Tgt Ion: 64 Resp: 76979

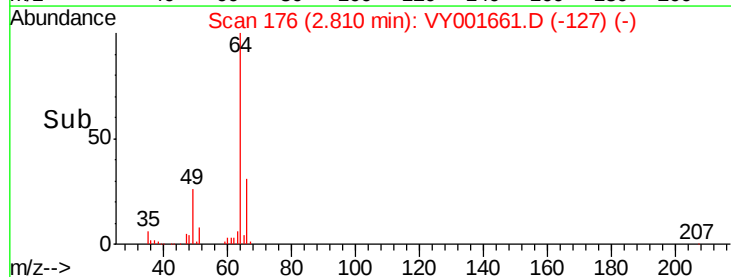
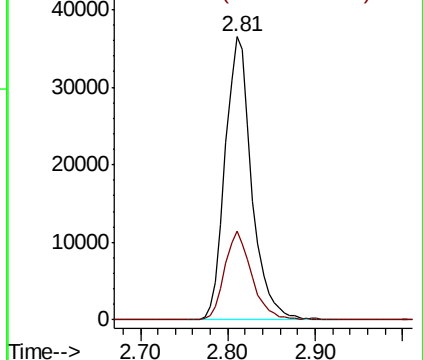
Ion Ratio Lower Upper

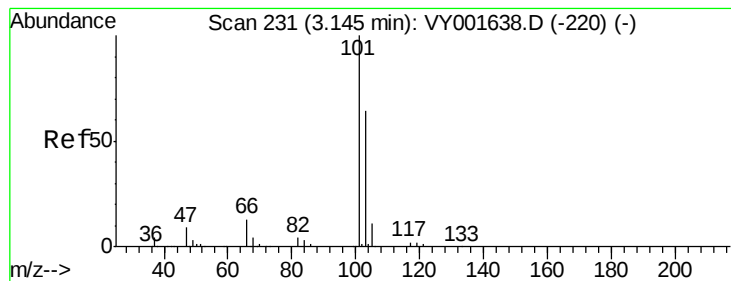
64 100

66 31.2 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VY0
Ion 65.90 (65.60 to 66.60): VY0



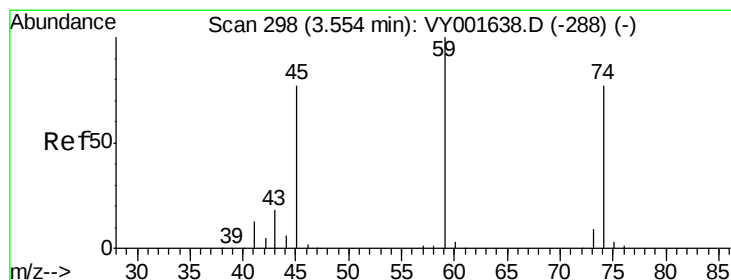
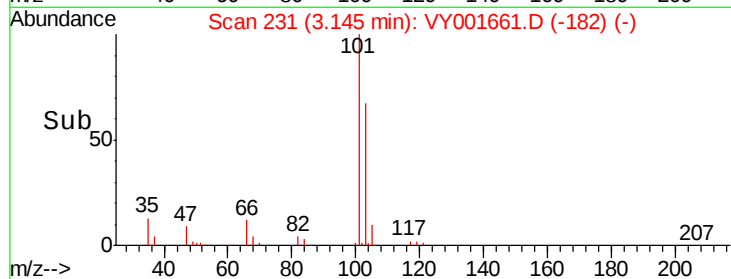
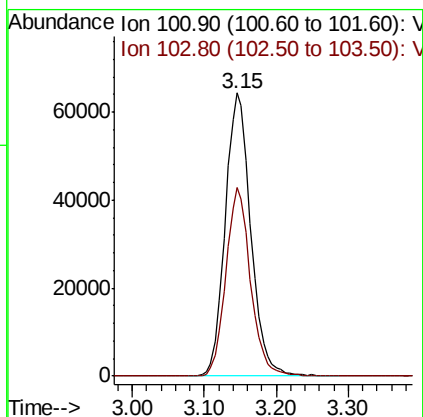
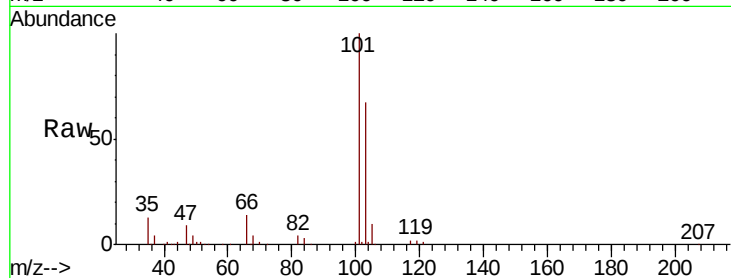


#7

Trichlorofluoromethane
 Concen: 53.116 ug/l
 RT: 3.15 min Scan# 231
 Delta R.T. 0.00 min
 Lab File: VY001661.D
 Acq: 17 Feb 2020 20:48

Instrument :
 MSVOA_Y
 ClientSampleId :

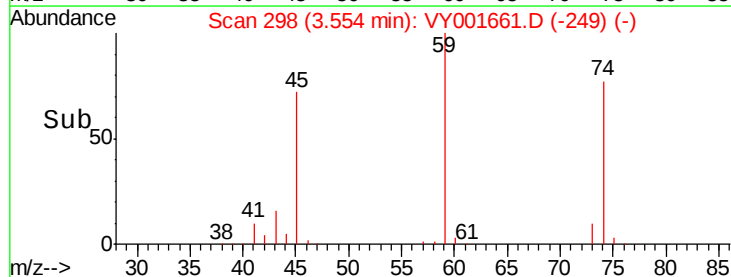
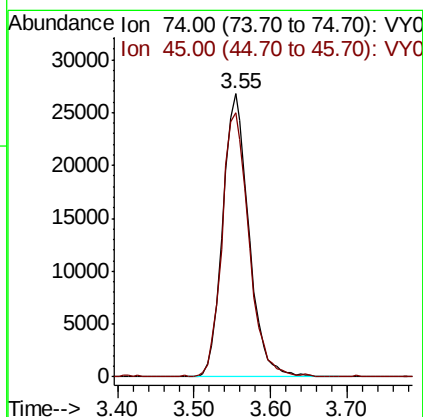
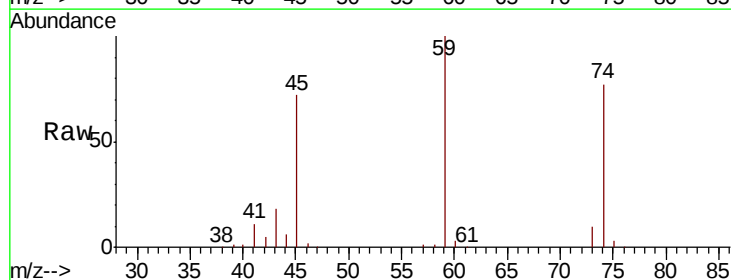
Tot Ion:101 Resp: 158502
 Ion Ratio Lower Upper
 101 100
 103 66.7 52.2 78.2

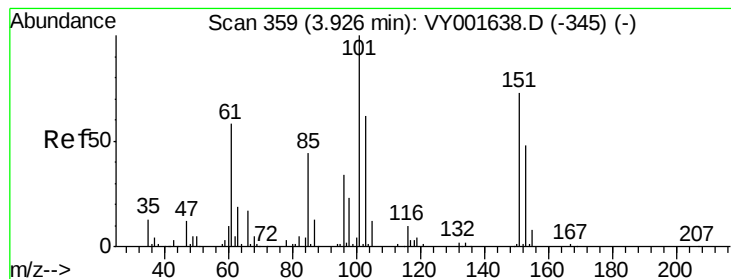


#8

Diethyl Ether
 Concen: 53.823 ug/l
 RT: 3.55 min Scan# 298
 Delta R.T. 0.00 min
 Lab File: VY001661.D
 Acq: 17 Feb 2020 20:48

Tgt Ion: 74 Resp: 63317
 Ion Ratio Lower Upper
 74 100
 45 96.3 49.6 148.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.987 ug/l

RT: 3.93 min Scan# 359

Delta R.T. 0.00 min

Lab File: VY001661.D

Acq: 17 Feb 2020 20:48

Instrument :

MSVOA_Y

ClientSampleId :

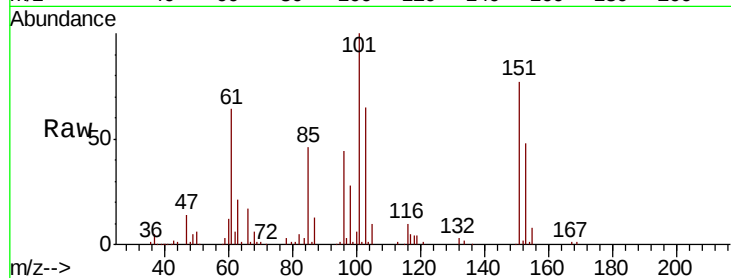
Tot Ion:101 Resp: 97508

Ion Ratio Lower Upper

101 100

85 44.6 35.1 52.7

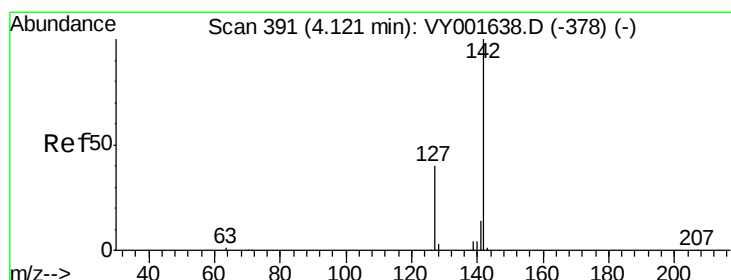
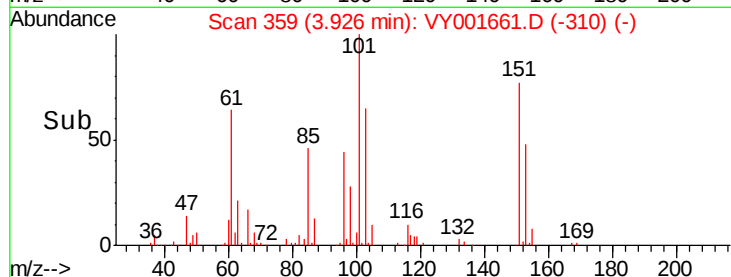
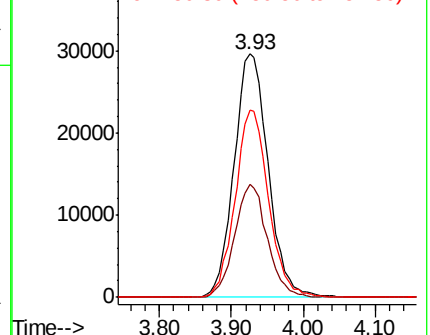
151 75.4 58.4 87.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VY0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 51.078 ug/l

RT: 4.12 min Scan# 391

Delta R.T. 0.00 min

Lab File: VY001661.D

Acq: 17 Feb 2020 20:48

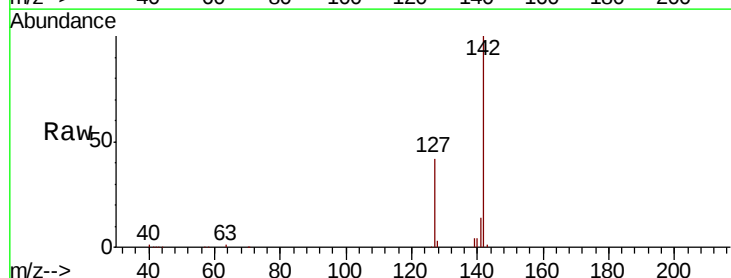
Tgt Ion:142 Resp: 117249

Ion Ratio Lower Upper

142 100

127 41.4 32.1 48.1

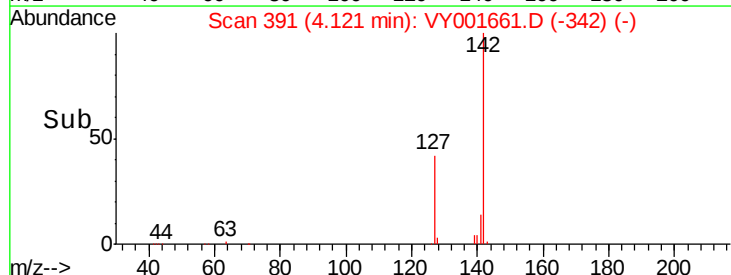
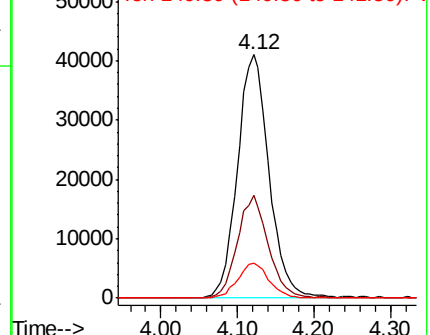
141 14.2 11.3 16.9

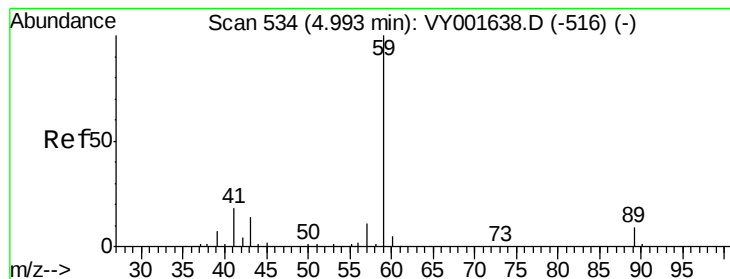


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



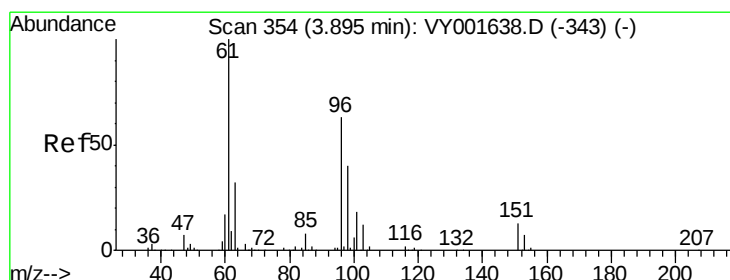
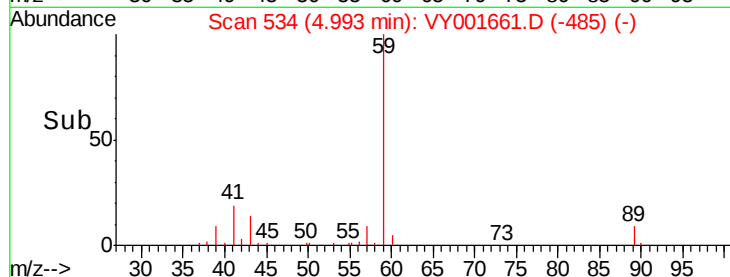
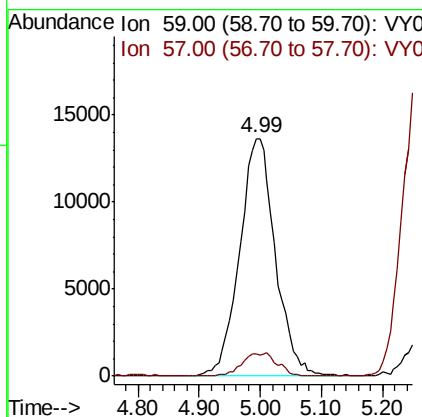
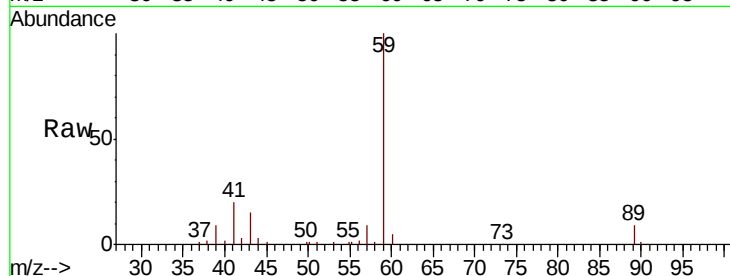


#11

Tert butyl alcohol
Concen: 252.443 ug/l
RT: 4.99 min Scan# 534
Delta R.T. 0.00 min
Lab File: VY001661.D
Acq: 17 Feb 2020 20:48

Instrument :
MSVOA_Y
ClientSampleId :

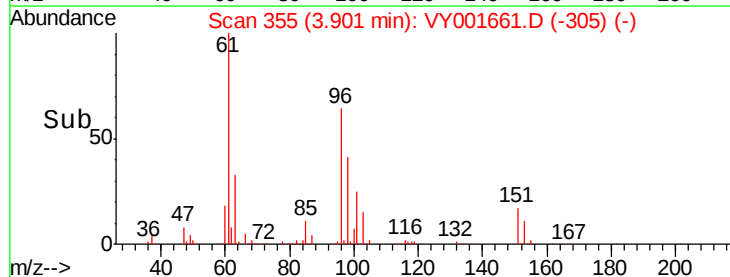
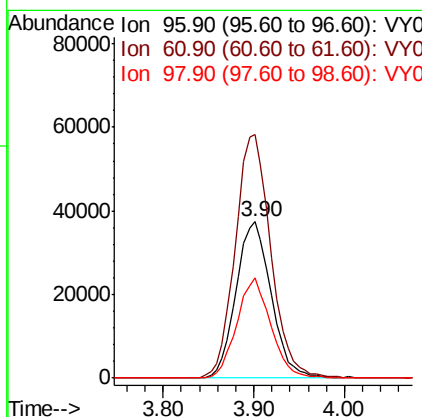
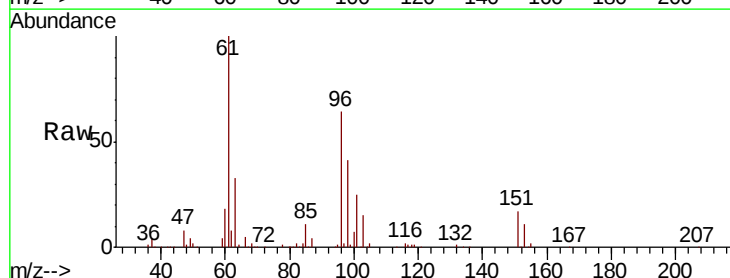
Tot Ion: 59 Resp: 55408
Ion Ratio Lower Upper
59 100
57 5.1 7.4 11.2#

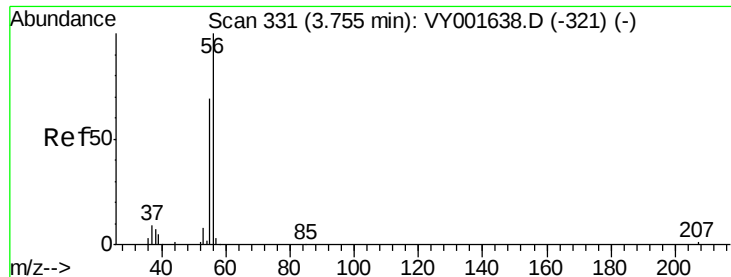


#12

1,1-Dichloroethene
Concen: 52.802 ug/l
RT: 3.90 min Scan# 355
Delta R.T. 0.01 min
Lab File: VY001661.D
Acq: 17 Feb 2020 20:48

Tgt Ion: 96 Resp: 101010
Ion Ratio Lower Upper
96 100
61 155.7 128.7 193.1
98 63.9 50.7 76.1





#13

Acrolein

Concen: 241.915 ug/l

RT: 3.76 min Scan# 331

Delta R.T. 0.00 min

Lab File: VY001661.D

Acq: 17 Feb 2020 20:48

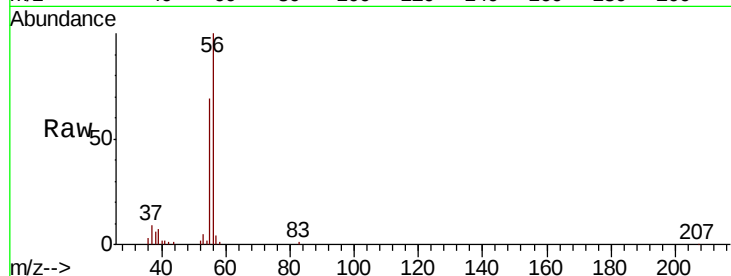
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 56 Resp: 46335

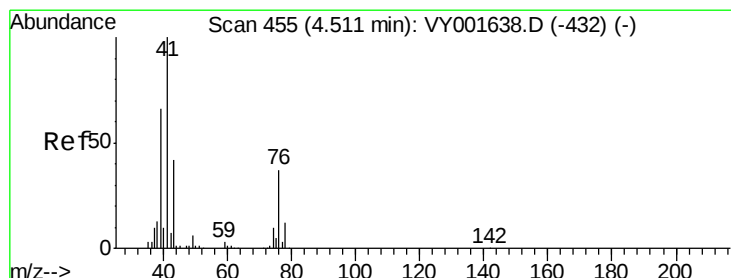
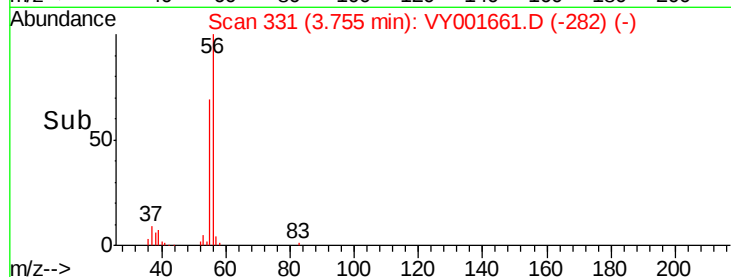
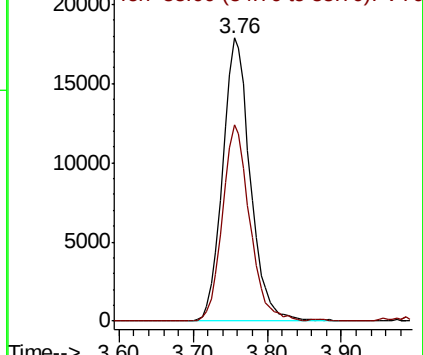
Ion Ratio Lower Upper

56 100

55 68.2 56.1 84.1



Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 55.00 (54.70 to 55.70): VY0



#14

Allyl chloride

Concen: 52.373 ug/l

RT: 4.52 min Scan# 456

Delta R.T. 0.01 min

Lab File: VY001661.D

Acq: 17 Feb 2020 20:48

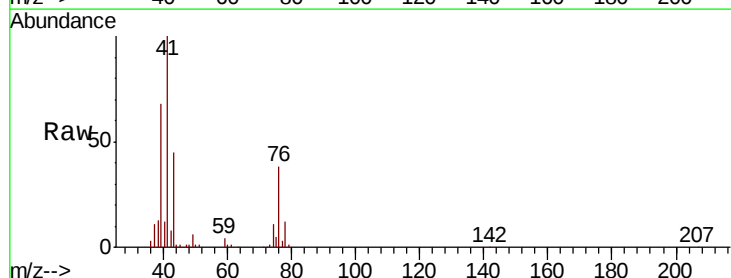
Tgt Ion: 41 Resp: 178309

Ion Ratio Lower Upper

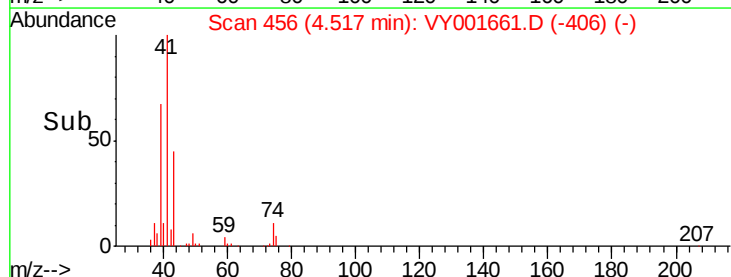
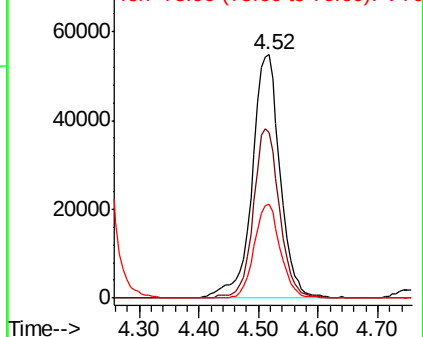
41 100

39 65.1 49.4 74.0

76 36.1 29.0 43.6



Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 75.90 (75.60 to 76.60): VY0





#15

Acrylonitrile

Concen: 267.611 ug/l

RT: 5.21 min Scan# 569

Delta R.T. 0.00 min

Lab File: VY001661.D

Acq: 17 Feb 2020 20:48

Instrument :

MSVOA_Y

ClientSampleId :

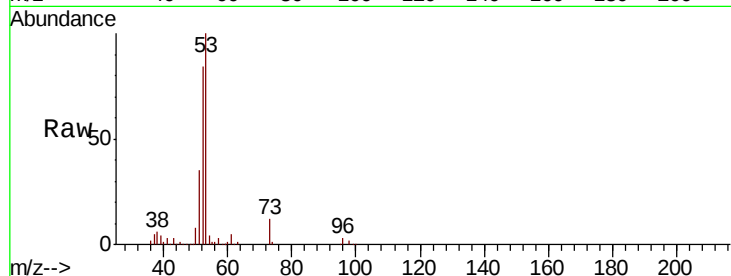
Tot Ion: 53 Resp: 161365

Ion Ratio Lower Upper

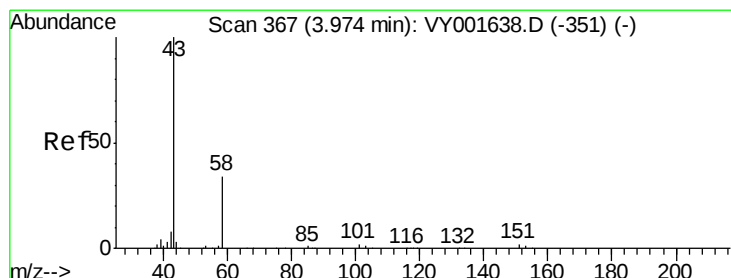
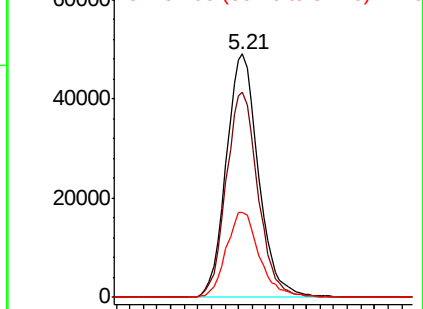
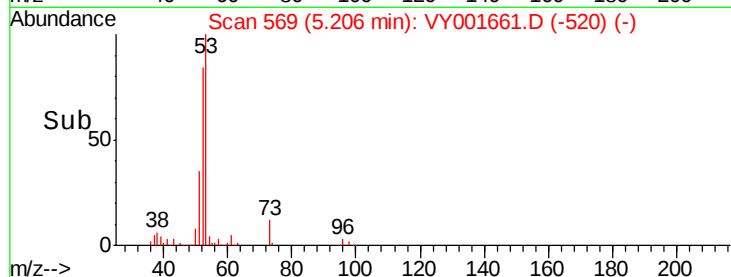
53 100

52 83.3 65.4 98.0

51 36.1 28.0 42.0



Abundance Ion 53.00 (52.70 to 53.70): VY001661.D (-520) (-)



#16

Acetone

Concen: 232.155 ug/l

RT: 3.97 min Scan# 367

Delta R.T. 0.00 min

Lab File: VY001661.D

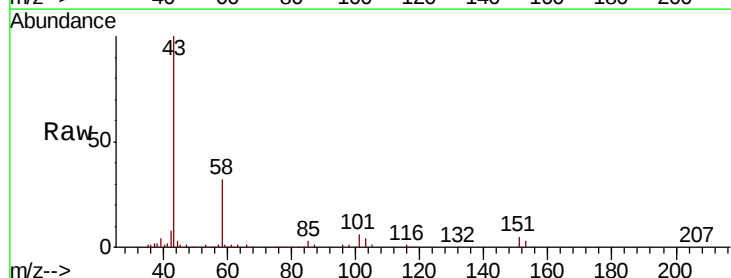
Acq: 17 Feb 2020 20:48

Tgt Ion: 43 Resp: 152340

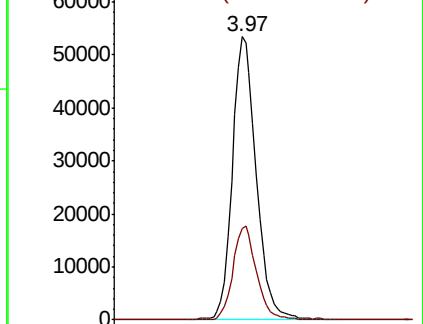
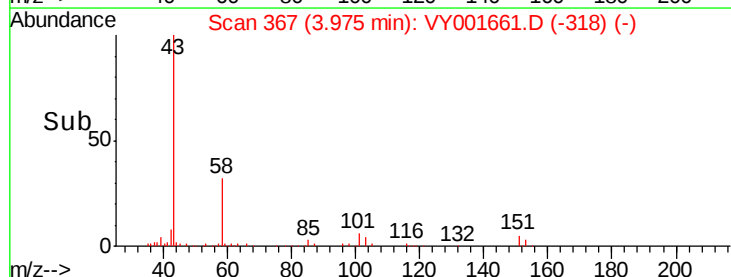
Ion Ratio Lower Upper

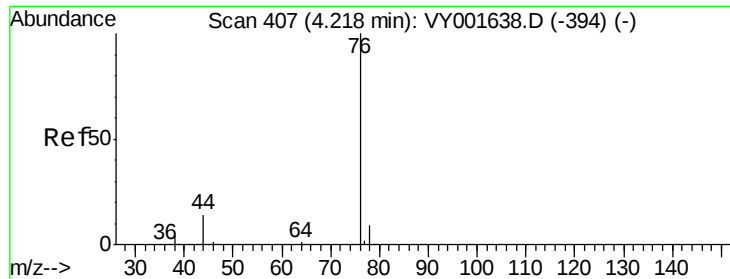
43 100

58 32.2 27.3 40.9



Abundance Ion 43.00 (42.70 to 43.70): VY001661.D (-318) (-)

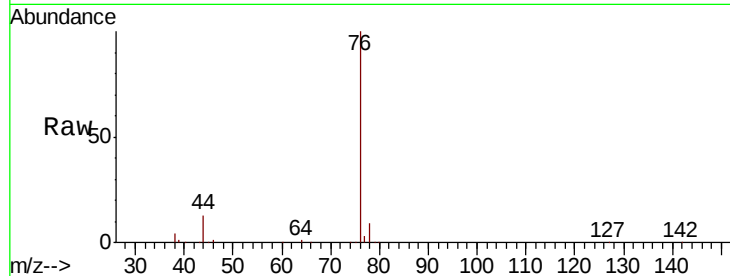




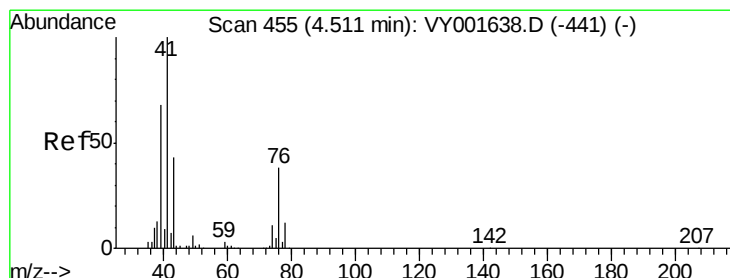
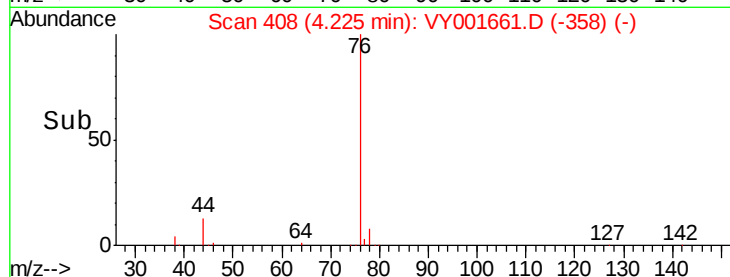
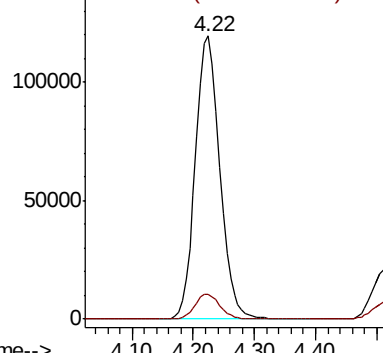
#17
Carbon Disulfide
Concen: 51.720 ug/l
RT: 4.22 min Scan# 408
Delta R.T. 0.01 min
Lab File: VY001661.D
Acq: 17 Feb 2020 20:48

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 76 Resp: 330316
Ion Ratio Lower Upper
76 100
78 8.6 7.3 10.9

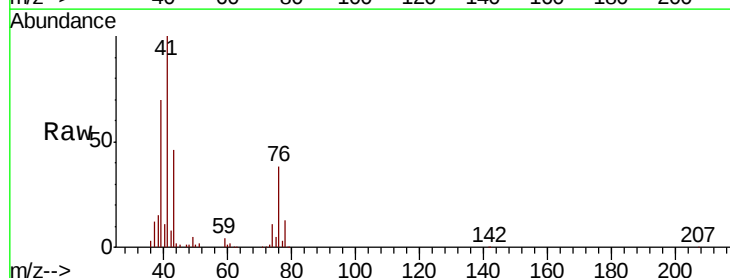


Abundance Ion 75.90 (75.60 to 76.60): VY0
Ion 77.90 (77.60 to 78.60): VY0

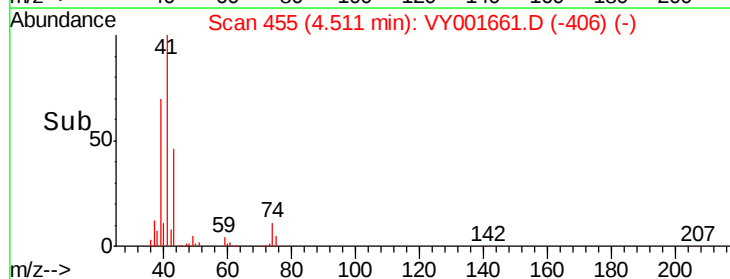
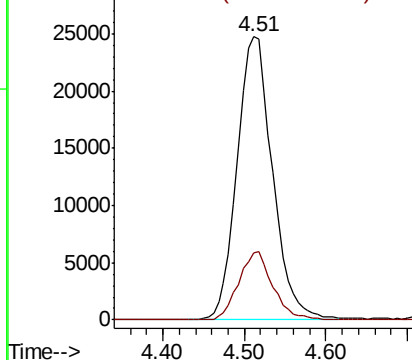


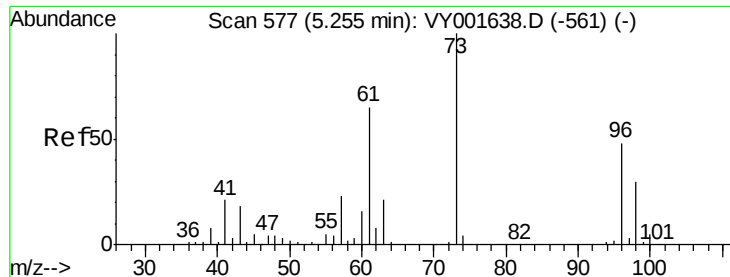
#18
Methyl Acetate
Concen: 52.307 ug/l
RT: 4.51 min Scan# 455
Delta R.T. 0.00 min
Lab File: VY001661.D
Acq: 17 Feb 2020 20:48

Tgt Ion: 43 Resp: 74749
Ion Ratio Lower Upper
43 100
74 23.1 19.1 28.7



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

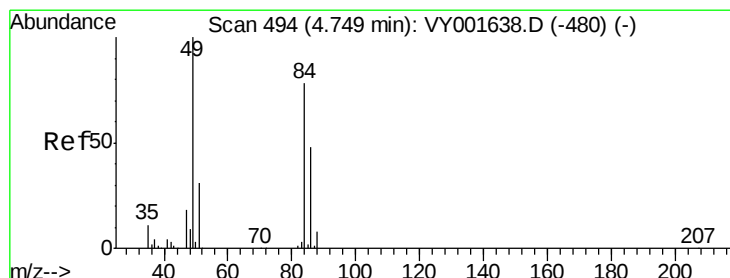
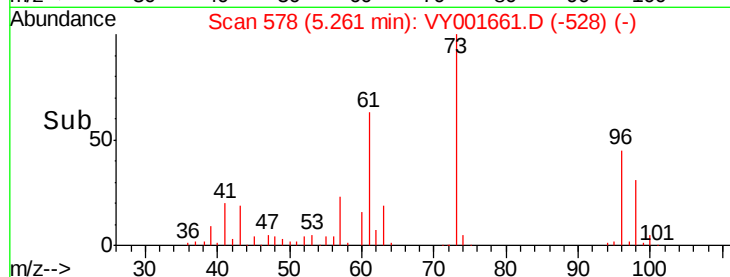
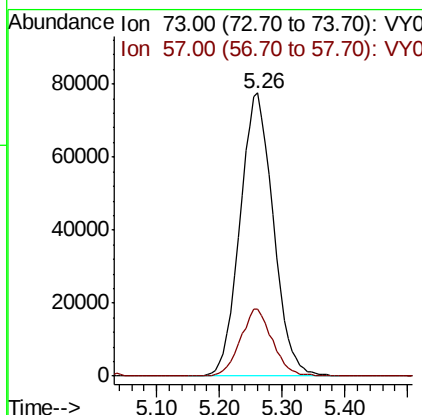
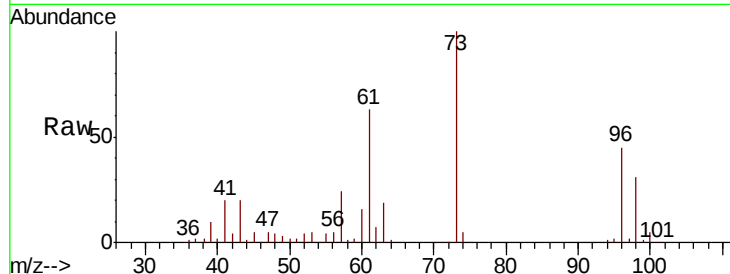




#19
Methvl tert-butvl Ether
Concen: 53.489 ug/l
RT: 5.26 min Scan# 578
Delta R.T. 0.01 min
Lab File: VY001661.D
Acq: 17 Feb 2020 20:48

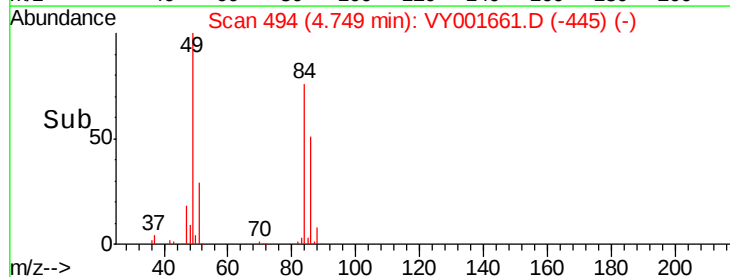
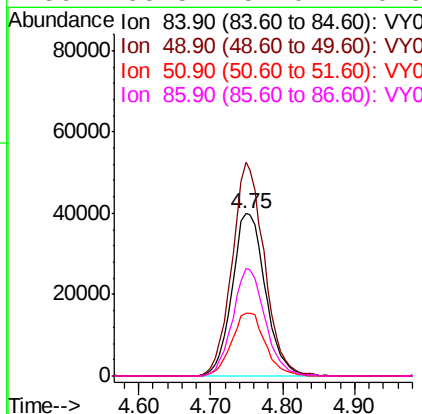
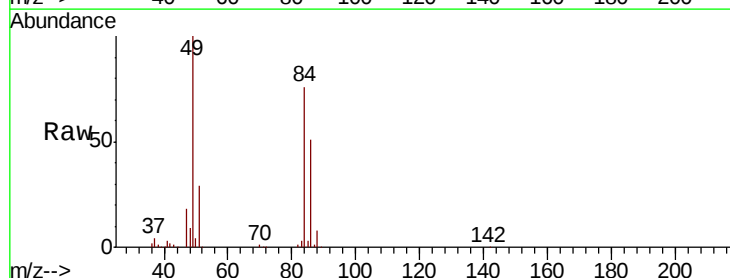
Instrument :
MSVOA_Y
ClientSampleId :

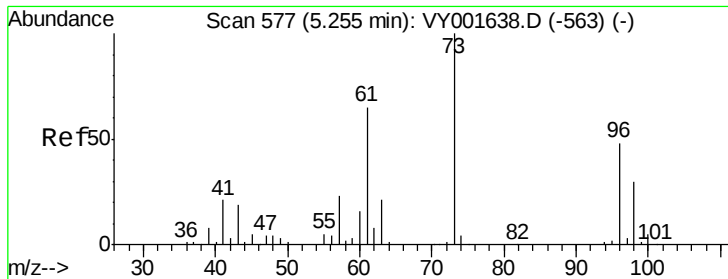
Tot Ion: 73 Resp: 284893
Ion Ratio Lower Upper
73 100
57 23.6 19.0 28.6



#20
Methylene Chloride
Concen: 55.003 ug/l
RT: 4.75 min Scan# 494
Delta R.T. 0.00 min
Lab File: VY001661.D
Acq: 17 Feb 2020 20:48

Tgt Ion: 84 Resp: 128202
Ion Ratio Lower Upper
84 100
49 131.5 99.2 148.8
51 38.8 31.5 47.3
86 66.5 51.0 76.6

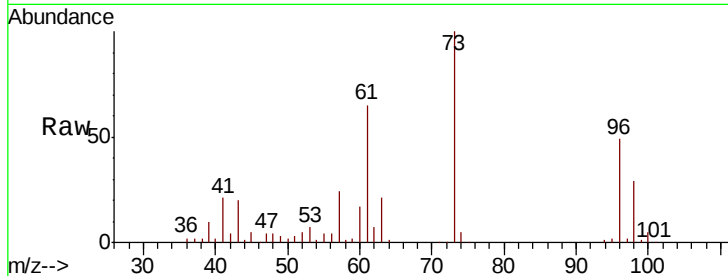




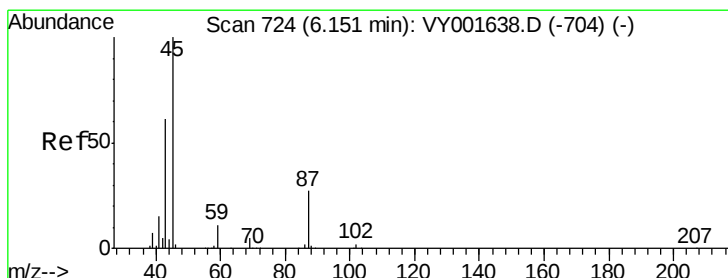
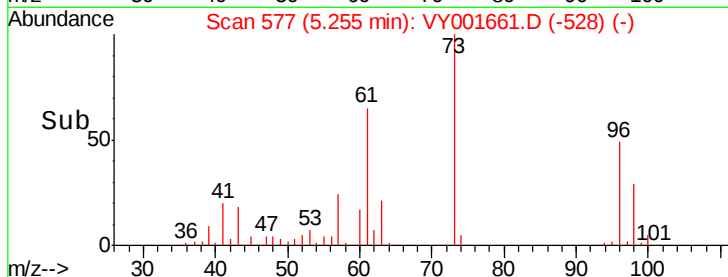
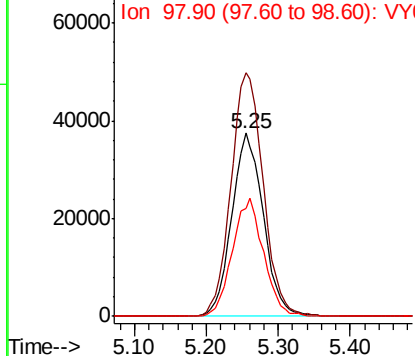
#21
trans-1,2-Dichloroethene
Concen: 52.193 ug/l
RT: 5.25 min Scan# 577
Delta R.T. 0.00 min
Lab File: VY001661.D
Acq: 17 Feb 2020 20:48

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 96 Resp: 113916
Ion Ratio Lower Upper
96 100
61 132.9 107.9 161.9
98 58.8 49.8 74.8

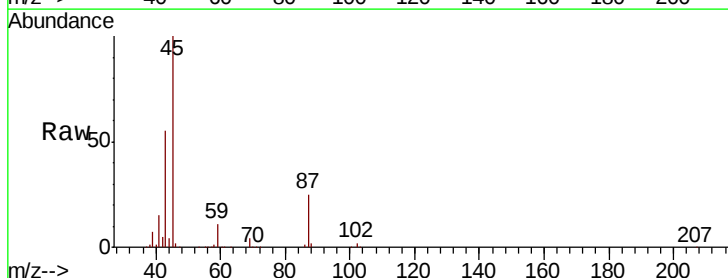


Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0

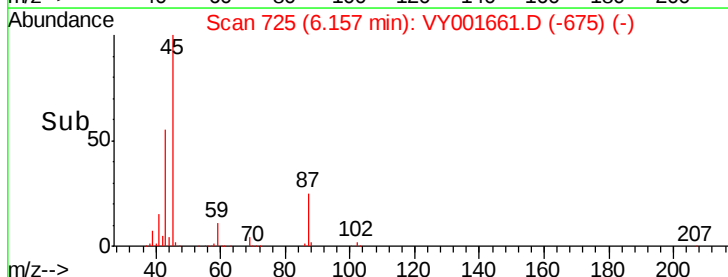
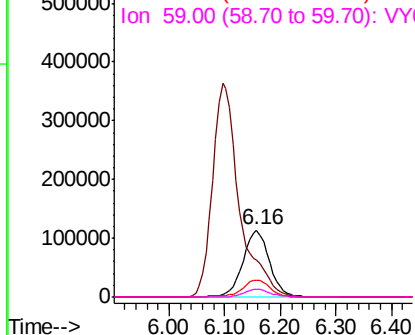


#22
Diisopropyl ether
Concen: 53.951 ug/l
RT: 6.16 min Scan# 725
Delta R.T. 0.01 min
Lab File: VY001661.D
Acq: 17 Feb 2020 20:48

Tgt Ion: 45 Resp: 377214
Ion Ratio Lower Upper
45 100
43 54.6 46.4 69.6
87 25.2 22.1 33.1
59 10.9 9.4 14.0



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

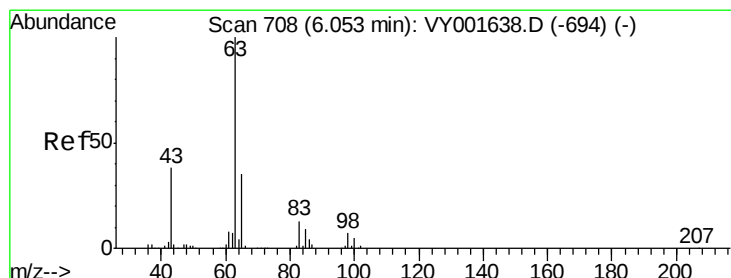
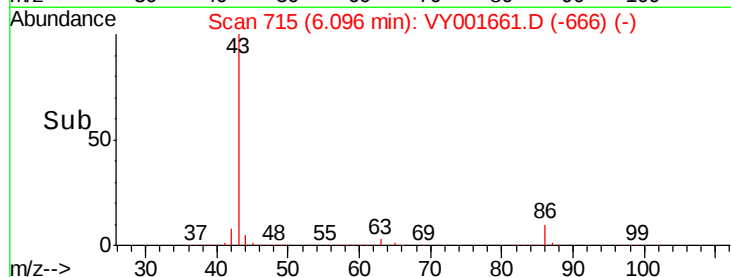
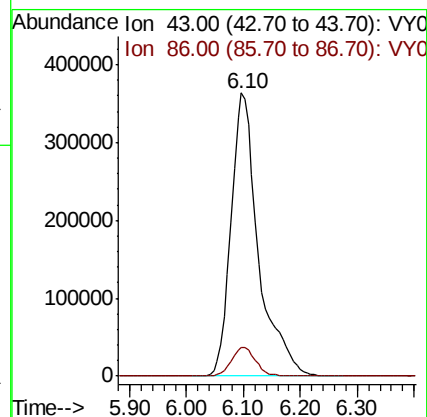
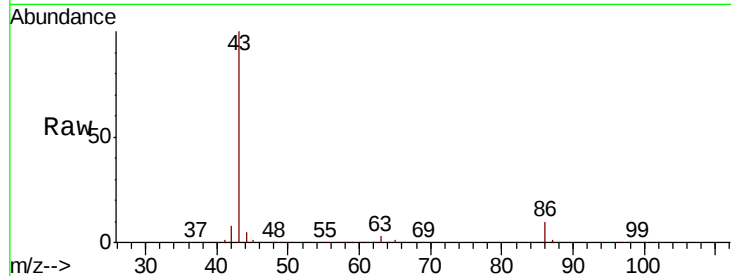




#23
 Vinyl Acetate
 Concen: 268.128 ug/l
 RT: 6.10 min Scan# 715
 Delta R.T. 0.00 min
 Lab File: VY001661.D
 Acq: 17 Feb 2020 20:48

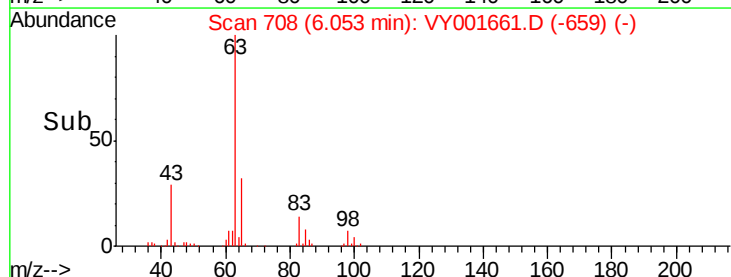
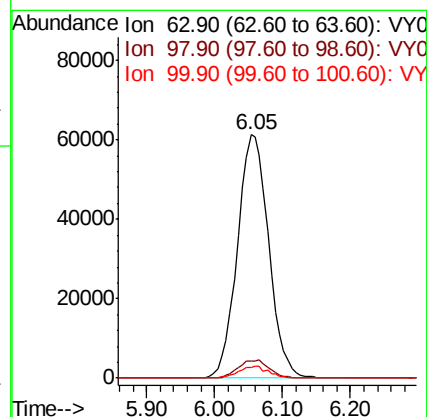
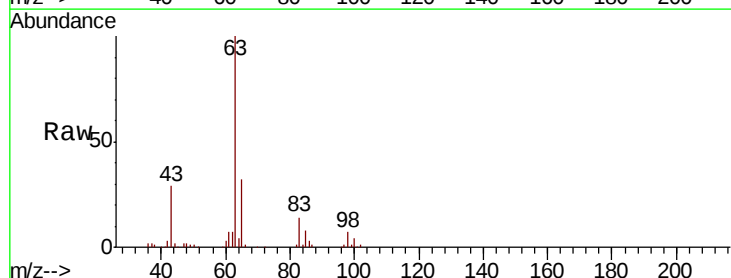
Instrument :
 MSVOA_Y
 ClientSampleId :

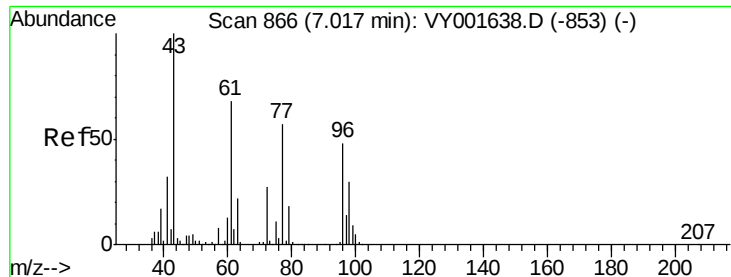
Tot Ion: 43 Resp: 1222834
 Ion Ratio Lower Upper
 43 100
 86 10.0 8.8 13.2



#24
 1,1-Dichloroethane
 Concen: 52.214 ug/l
 RT: 6.05 min Scan# 708
 Delta R.T. 0.00 min
 Lab File: VY001661.D
 Acq: 17 Feb 2020 20:48

Tgt Ion: 63 Resp: 195119
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.4 10.2
 100 4.2 2.3 6.9





#25

2-Butanone

Concen: 255.647 ug/l

RT: 7.02 min Scan# 867

Delta R.T. 0.01 min

Lab File: VY001661.D

Acq: 17 Feb 2020 20:48

Instrument :

MSVOA_Y

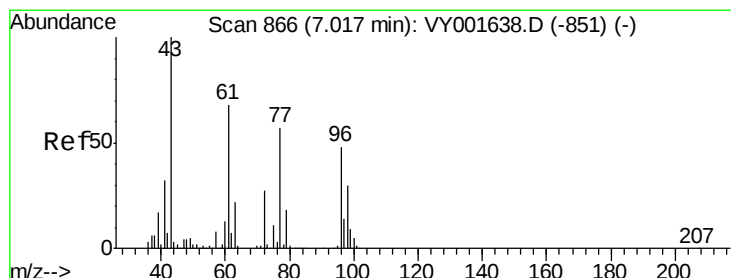
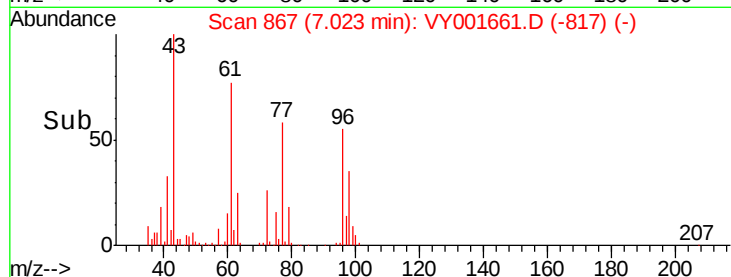
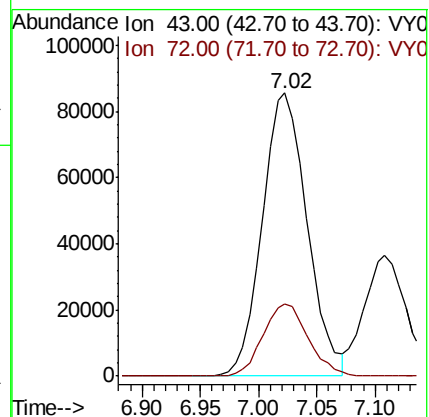
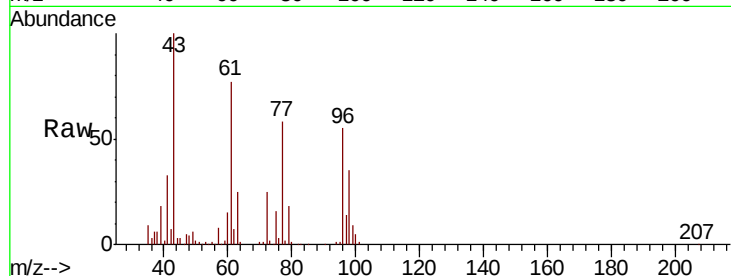
ClientSampleId :

Tot Ion: 43 Resp: 227889

Ion Ratio Lower Upper

43 100

72 25.5 21.2 31.8



#26

2,2-Dichloropropane

Concen: 48.664 ug/l

RT: 7.02 min Scan# 866

Delta R.T. 0.00 min

Lab File: VY001661.D

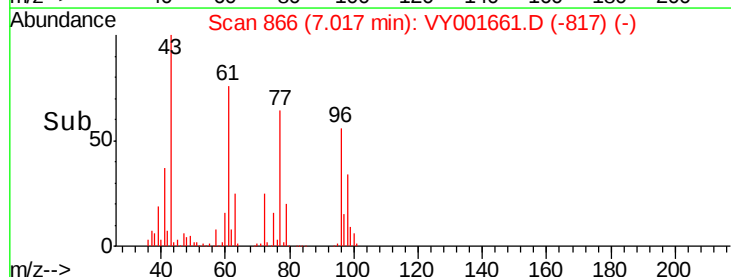
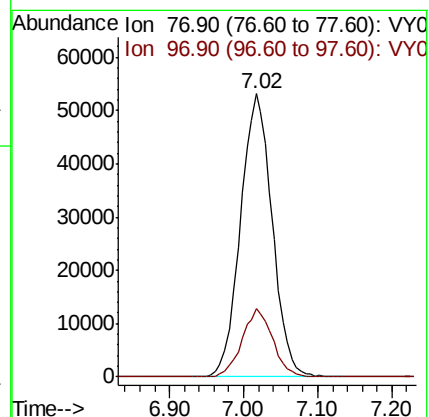
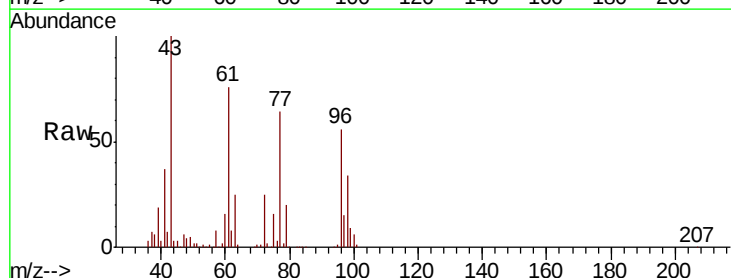
Acq: 17 Feb 2020 20:48

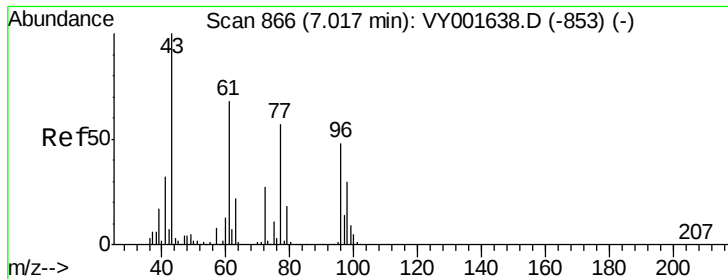
Tgt Ion: 77 Resp: 158216

Ion Ratio Lower Upper

77 100

97 23.2 11.8 35.4



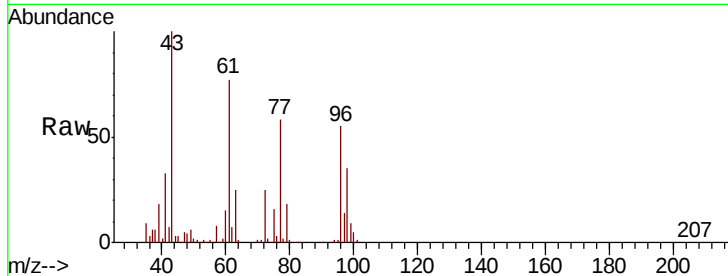


#27

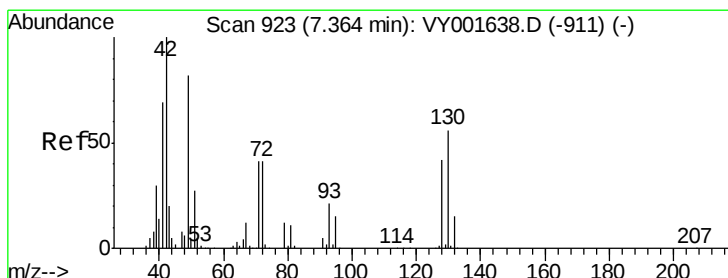
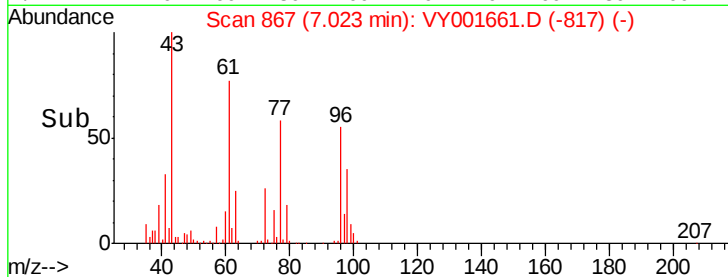
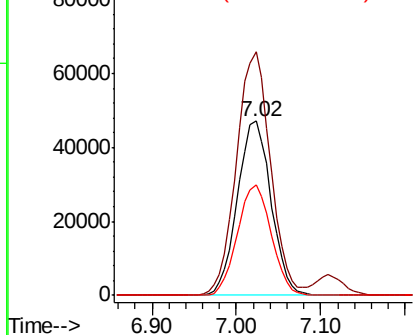
cis-1,2-Dichloroethene
Concen: 52.855 ug/l
RT: 7.02 min Scan# 867
Delta R.T. 0.01 min
Lab File: VY001661.D
Acq: 17 Feb 2020 20:48

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion	96	Resp	127336
Ion Ratio	Lower	Upper	
96	100		
61	141.3	0.0	290.8
98	63.7	0.0	128.6



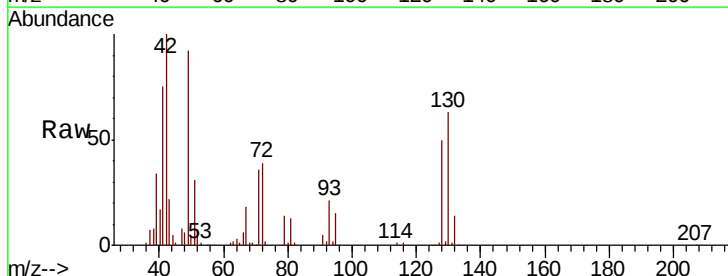
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



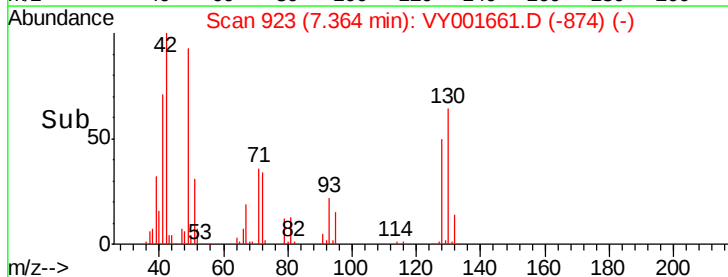
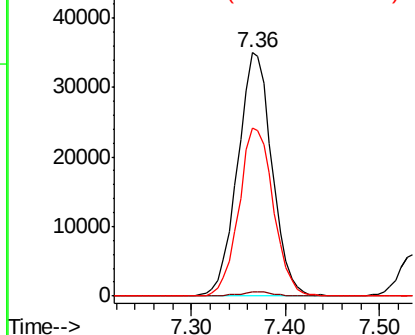
#28

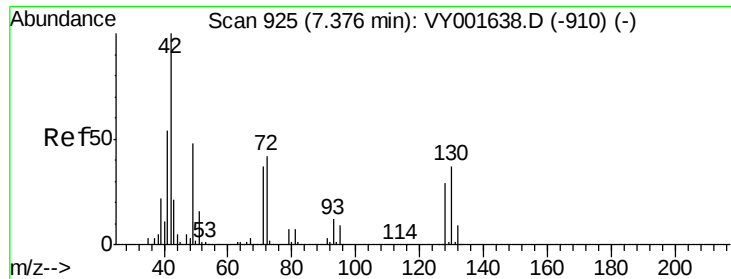
Bromochloromethane
Concen: 57.130 ug/l
RT: 7.36 min Scan# 923
Delta R.T. 0.00 min
Lab File: VY001661.D
Acq: 17 Feb 2020 20:48

Tgt Ion	49	Resp	88932
Ion Ratio	Lower	Upper	
49	100		
129	1.8	0.0	3.6
130	69.5	56.2	84.4



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

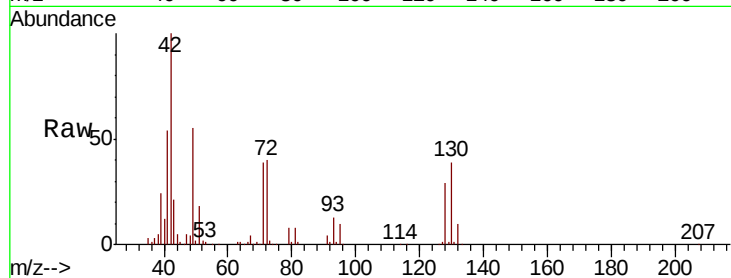




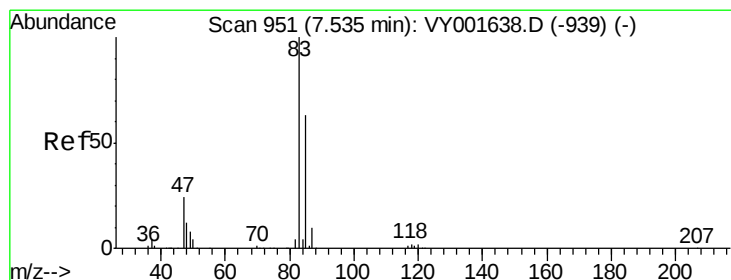
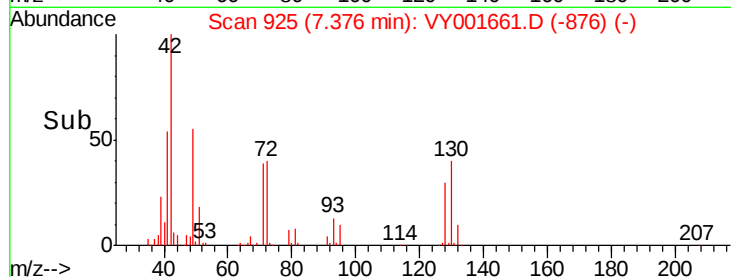
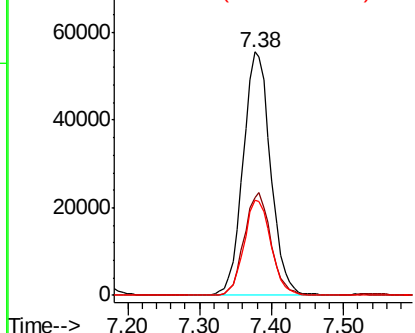
#29
Tetrahydrofuran
Concen: 273.793 ug/l
RT: 7.38 min Scan# 925
Delta R.T. 0.00 min
Lab File: VY001661.D
Acq: 17 Feb 2020 20:48

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 42 Resp: 147518
Ion Ratio Lower Upper
42 100
72 41.0 34.4 51.6
71 38.2 31.8 47.8

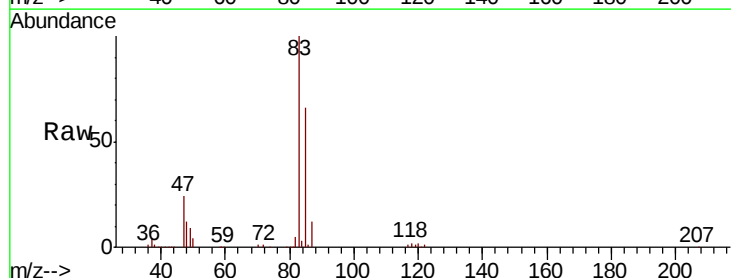


Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

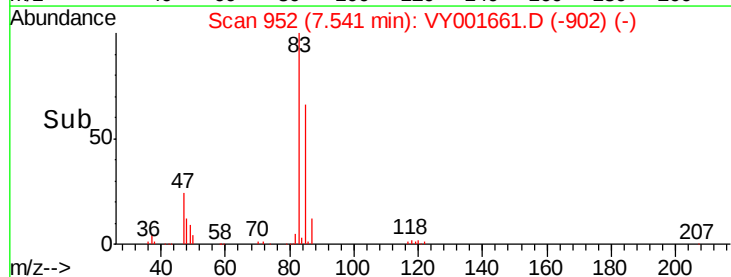
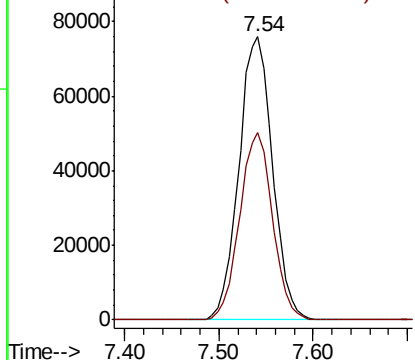


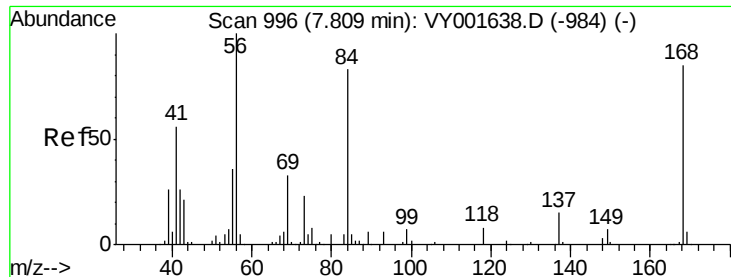
#30
Chloroform
Concen: 51.948 ug/l
RT: 7.54 min Scan# 952
Delta R.T. 0.01 min
Lab File: VY001661.D
Acq: 17 Feb 2020 20:48

Tgt Ion: 83 Resp: 189682
Ion Ratio Lower Upper
83 100
85 66.0 51.6 77.4



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

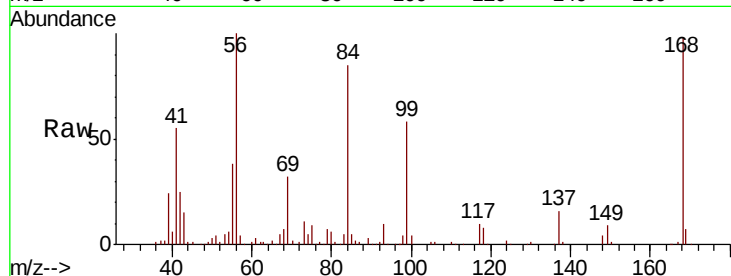




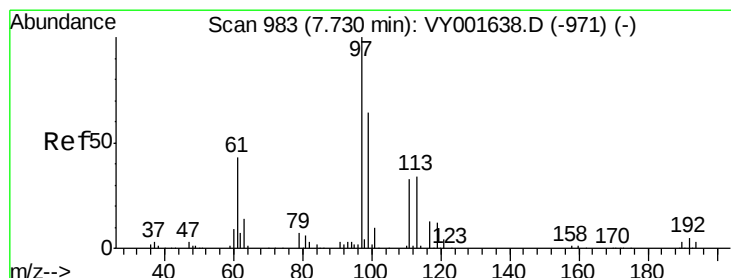
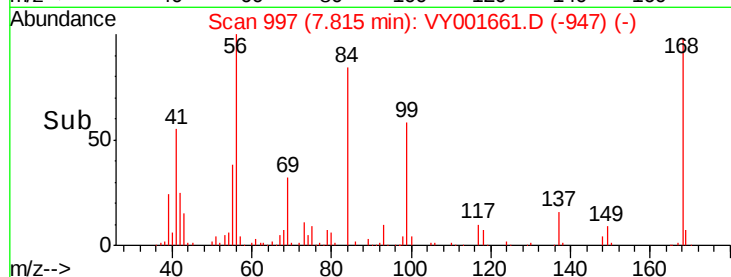
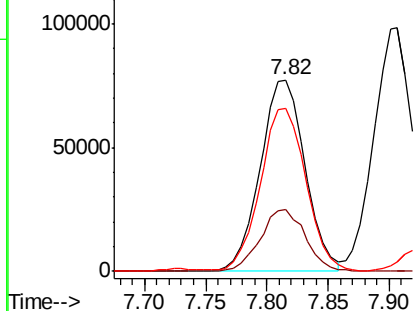
#31
Cyclohexane
Concen: 49.582 ug/l
RT: 7.82 min Scan# 997
Delta R.T. 0.01 min
Lab File: VY001661.D
Acq: 17 Feb 2020 20:48

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 56 Resp: 197548
Ion Ratio Lower Upper
56 100
69 32.0 25.1 37.7
84 83.7 66.9 100.3

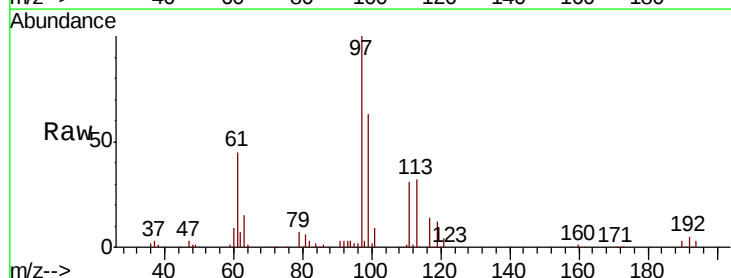


Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0

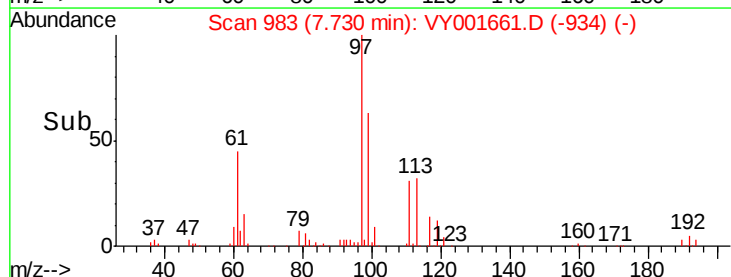
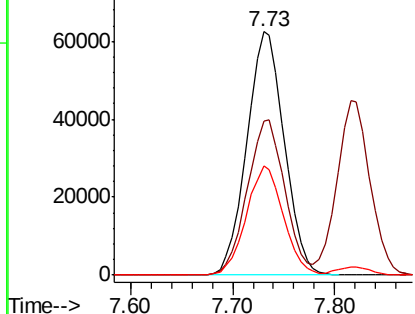


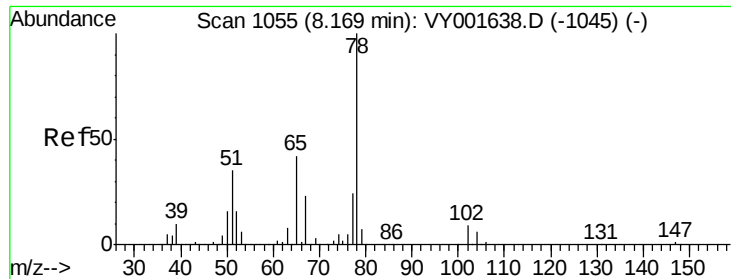
#32
1,1,1-Trichloroethane
Concen: 52.046 ug/l
RT: 7.73 min Scan# 983
Delta R.T. 0.00 min
Lab File: VY001661.D
Acq: 17 Feb 2020 20:48

Tgt Ion: 97 Resp: 159721
Ion Ratio Lower Upper
97 100
99 64.3 51.2 76.8
61 44.5 35.0 52.6



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

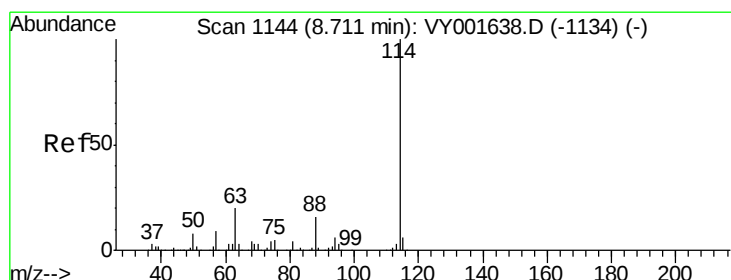
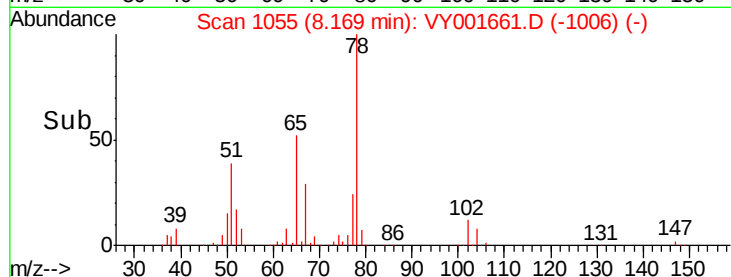
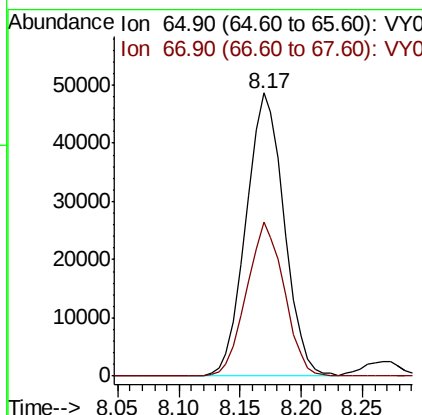
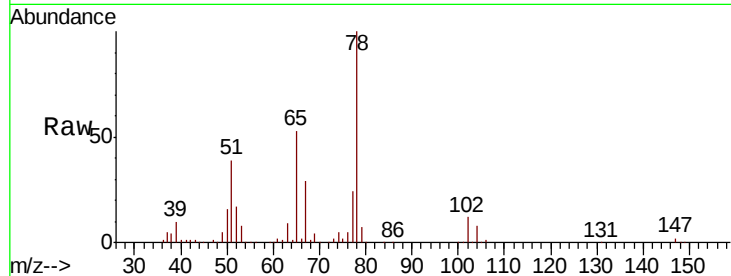




#33
 1,2-Dichloroethane-d4
 Concen: 55.615 ug/l
 RT: 8.17 min Scan# 1055
 Delta R.T. 0.00 min
 Lab File: VY001661.D
 Acq: 17 Feb 2020 20:48

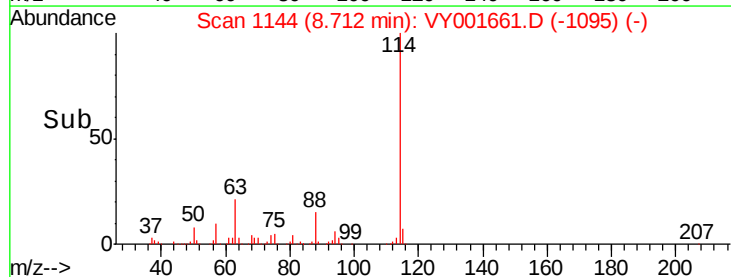
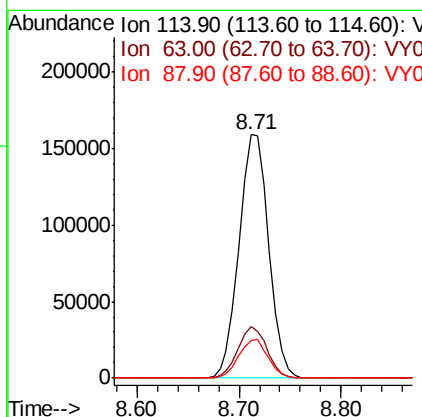
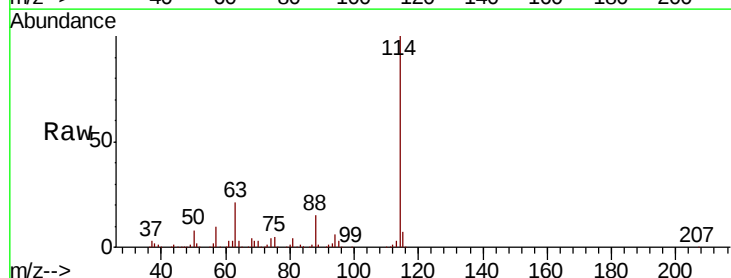
Instrument :
 MSVOA_Y
 ClientSampleId :

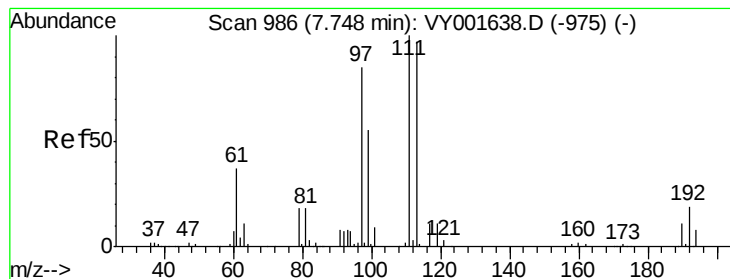
Tot Ion: 65 Resp: 105472
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1144
 Delta R.T. 0.00 min
 Lab File: VY001661.D
 Acq: 17 Feb 2020 20:48

Tgt Ion: 114 Resp: 320760
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 41.4
 88 15.4 0.0 32.8





#35

Dibromofluoromethane

Concen: 52.323 ug/l

RT: 7.75 min Scan# 986

Delta R.T. 0.00 min

Lab File: VY001661.D

Acq: 17 Feb 2020 20:48

Instrument :

MSVOA_Y

ClientSampled :

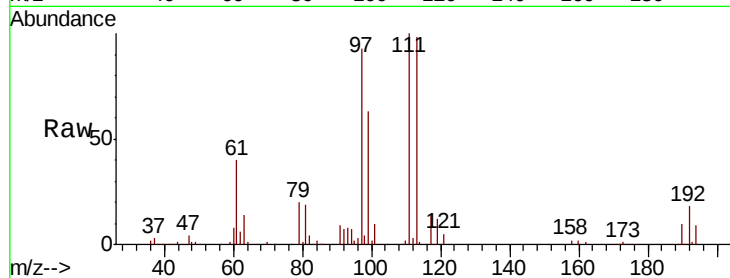
Tot Ion:113 Resp: 96126

Ion Ratio Lower Upper

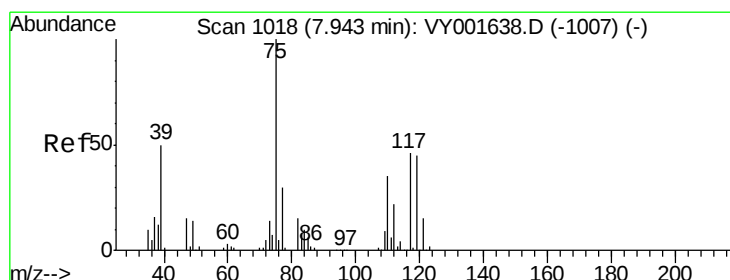
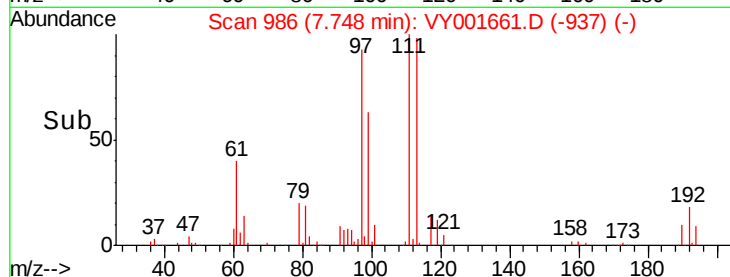
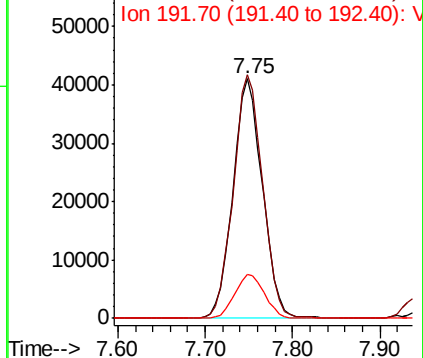
113 100

111 101.2 81.9 122.9

192 18.6 14.3 21.5



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: 50.665 ug/l

RT: 7.94 min Scan# 1018

Delta R.T. 0.00 min

Lab File: VY001661.D

Acq: 17 Feb 2020 20:48

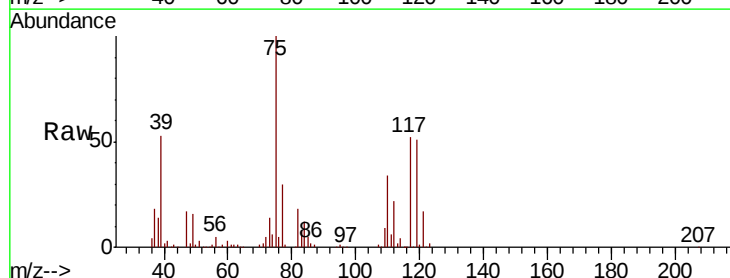
Tgt Ion: 75 Resp: 155233

Ion Ratio Lower Upper

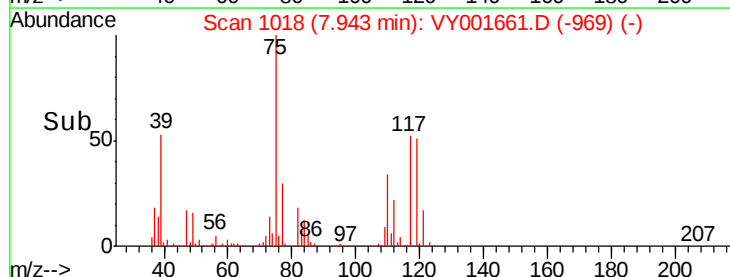
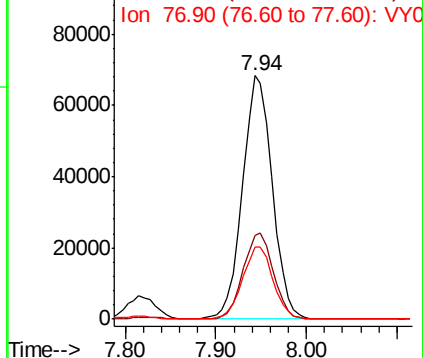
75 100

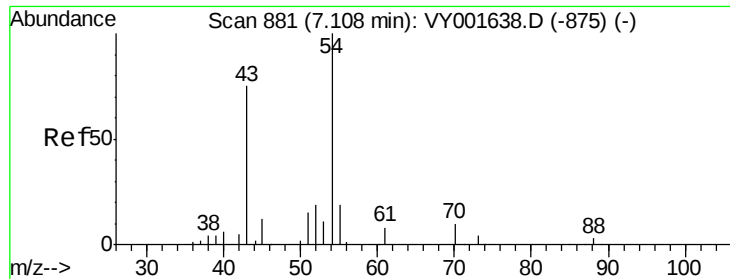
110 35.8 17.2 51.6

77 30.6 24.8 37.2



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

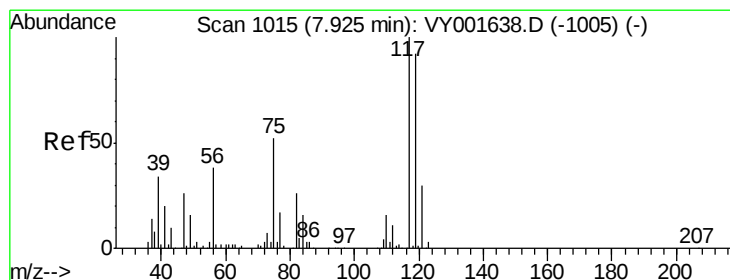
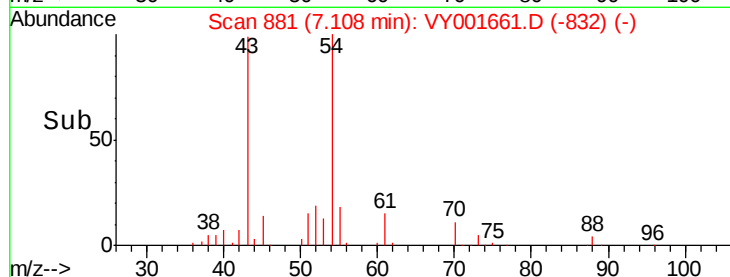
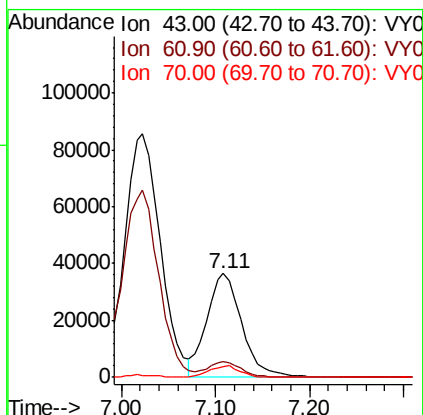
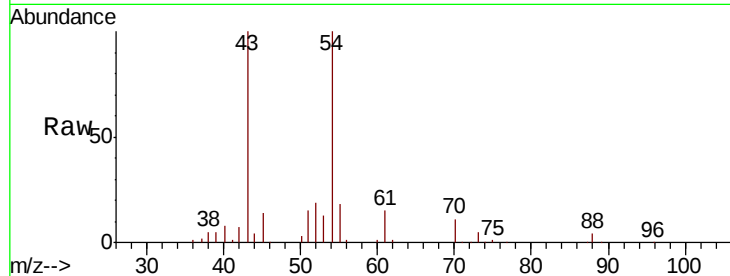




#37
Ethyl Acetate
Concen: 51.541 ug/l
RT: 7.11 min Scan# 881
Delta R.T. 0.00 min
Lab File: VY001661.D
Acq: 17 Feb 2020 20:48

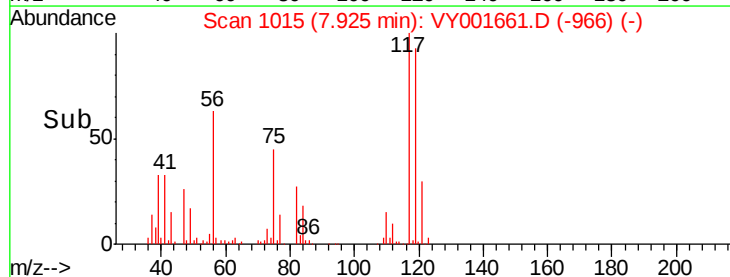
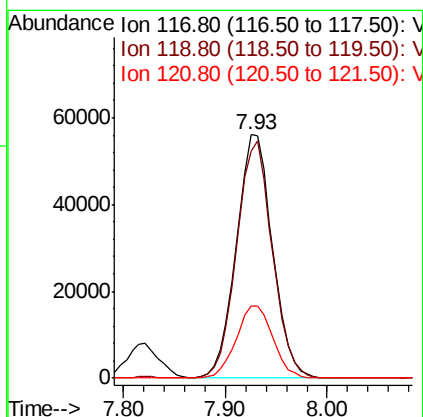
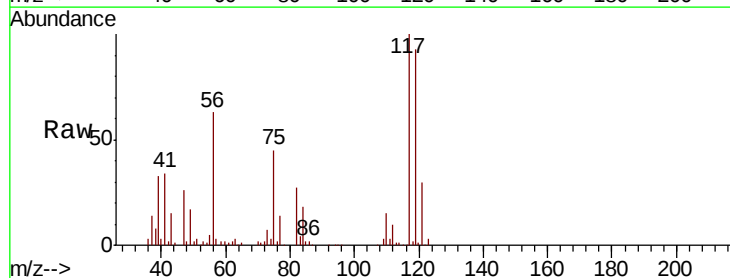
Instrument :
MSVOA_Y
ClientSampleId :

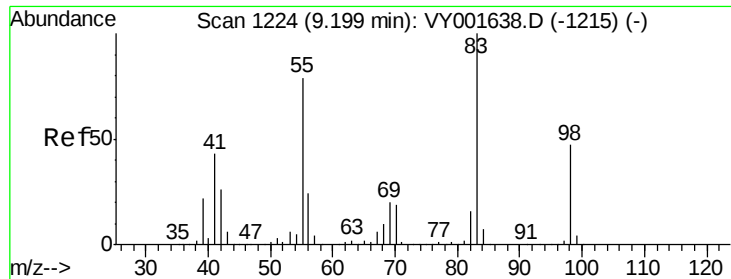
Tot Ion: 43 Resp: 94253
Ion Ratio Lower Upper
43 100
61 14.4 11.0 16.6
70 10.4 8.8 13.2



#38
Carbon Tetrachloride
Concen: 51.292 ug/l
RT: 7.93 min Scan# 1015
Delta R.T. 0.00 min
Lab File: VY001661.D
Acq: 17 Feb 2020 20:48

Tgt Ion: 117 Resp: 138037
Ion Ratio Lower Upper
117 100
119 93.5 74.8 112.2
121 29.6 23.8 35.6

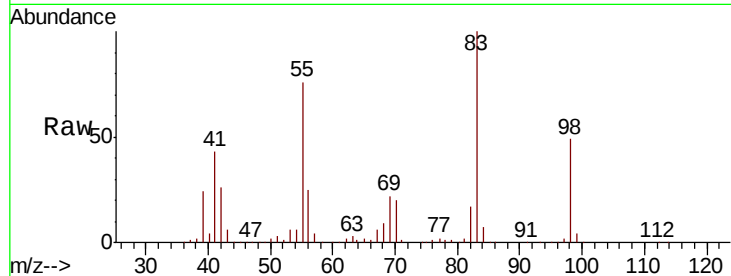




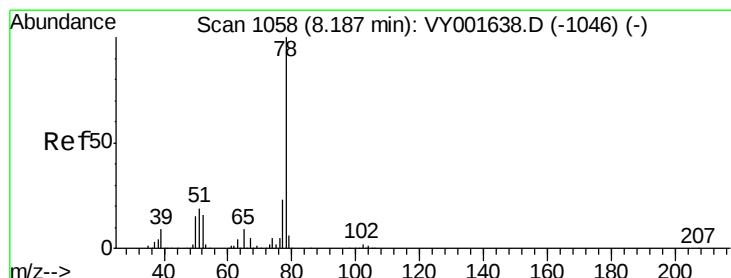
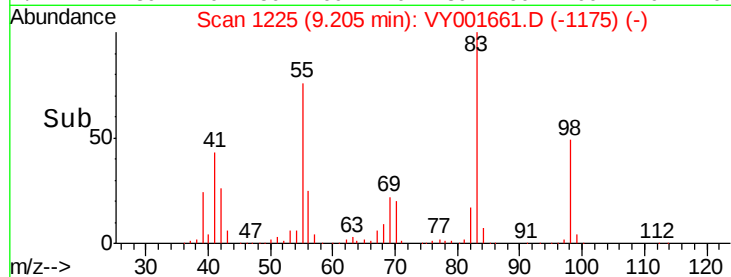
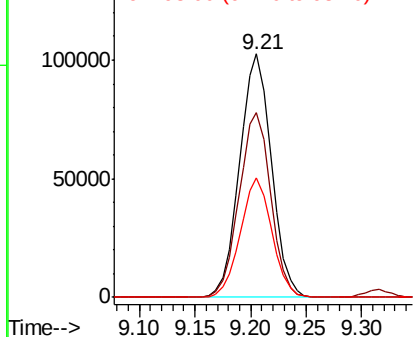
#39
Methvlcvclohexane
Concen: 49.939 ug/l
RT: 9.21 min Scan# 1225
Delta R.T. 0.01 min
Lab File: VY001661.D
Acq: 17 Feb 2020 20:48

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 83 Resp: 202988
Ion Ratio Lower Upper
83 100
55 75.7 61.3 91.9
98 49.1 38.0 57.0

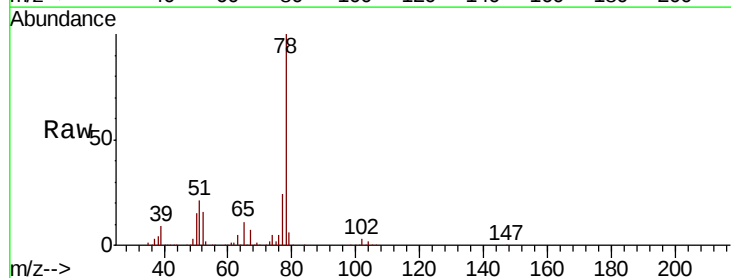


Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

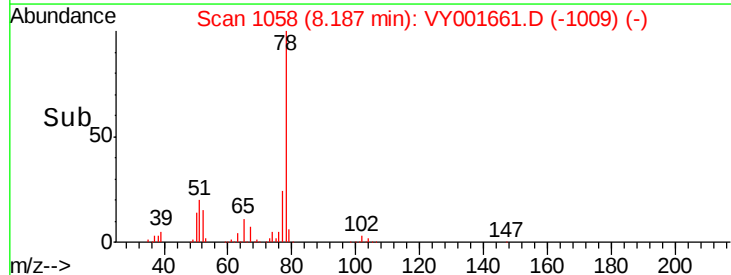
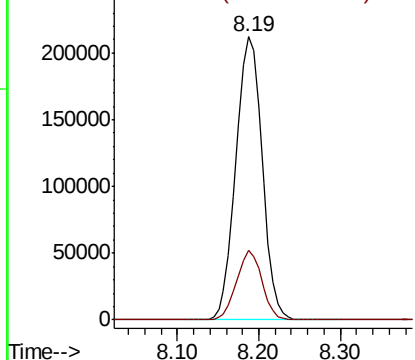


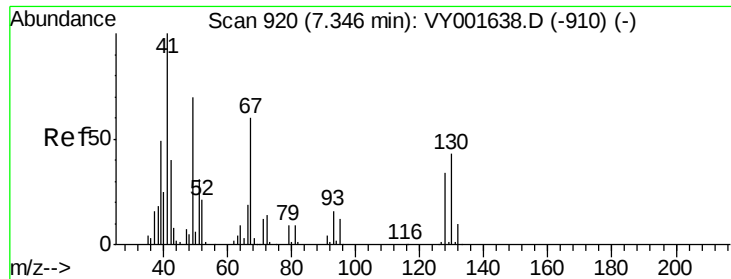
#40
Benzene
Concen: 52.397 ug/l
RT: 8.19 min Scan# 1058
Delta R.T. 0.00 min
Lab File: VY001661.D
Acq: 17 Feb 2020 20:48

Tgt Ion: 78 Resp: 472156
Ion Ratio Lower Upper
78 100
77 24.4 18.2 27.4



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

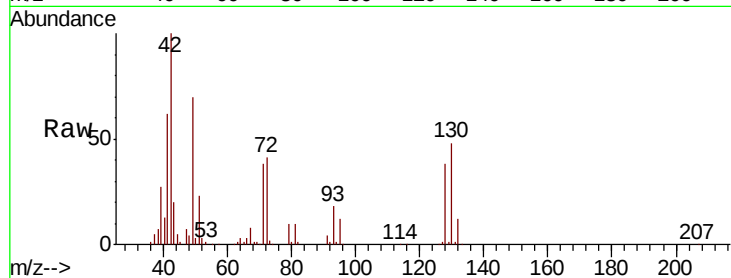




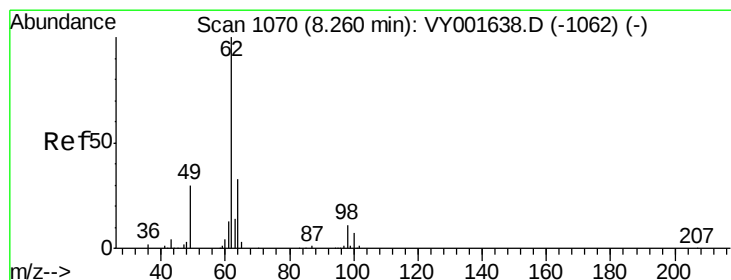
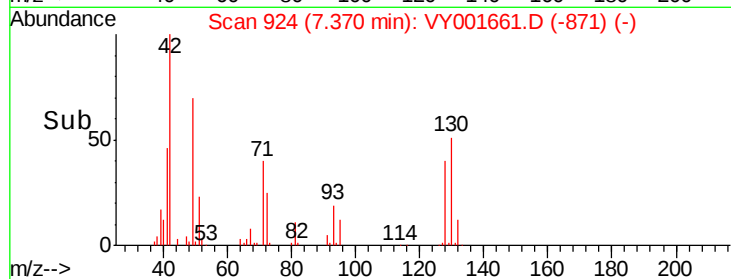
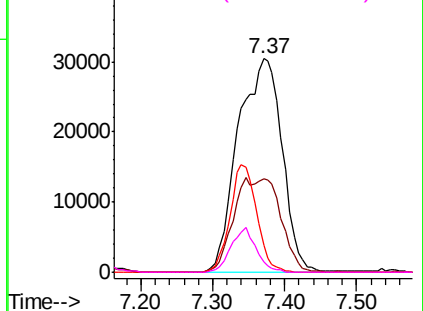
#41
Methacrylonitrile
Concen: 140.877 ug/l
RT: 7.37 min Scan# 924
Delta R.T. 0.03 min
Lab File: VY001661.D
Acq: 17 Feb 2020 20:48

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:	41	Resp:	129353
Ion	Ratio	Lower	Upper
41	100		
39	0.0	36.0	54.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

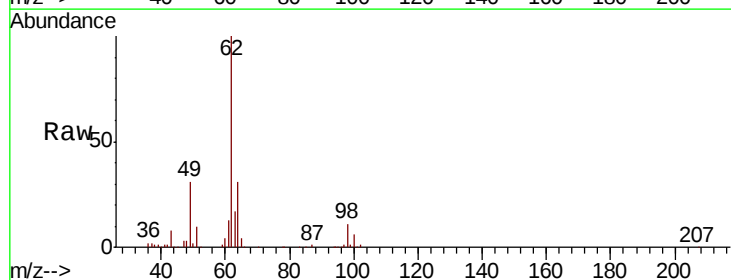


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

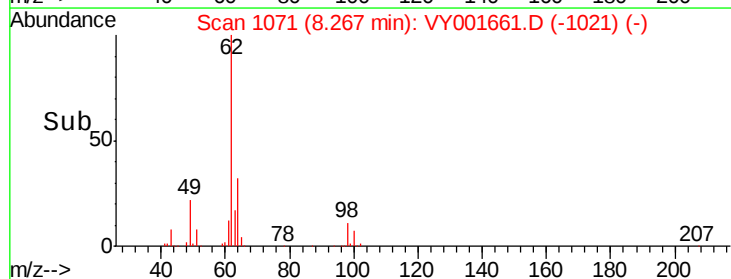
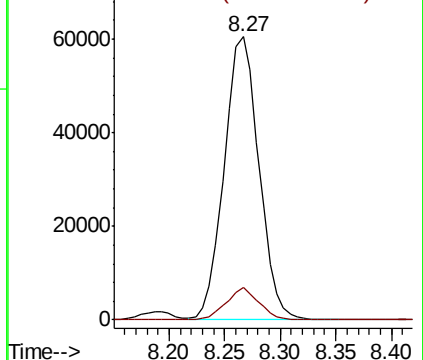


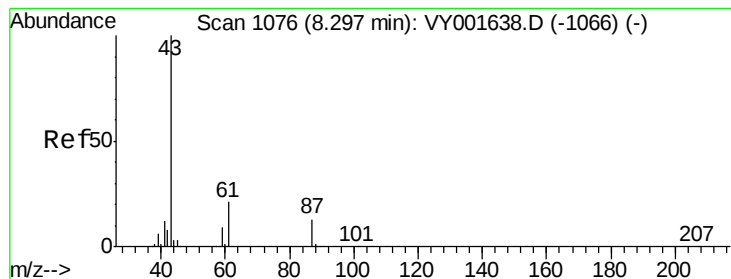
#42
1,2-Dichloroethane
Concen: 53.293 ug/l
RT: 8.27 min Scan# 1071
Delta R.T. 0.01 min
Lab File: VY001661.D
Acq: 17 Feb 2020 20:48

Tgt Ion:	62	Resp:	130827
Ion	Ratio	Lower	Upper
62	100		
98	10.5	0.0	20.8



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





#43

Isopropyl Acetate

Concen: 53.112 ug/l

RT: 8.30 min Scan# 1076

Delta R.T. 0.00 min

Lab File: VY001661.D

Acq: 17 Feb 2020 20:48

Instrument :

MSVOA_Y

ClientSampleId :

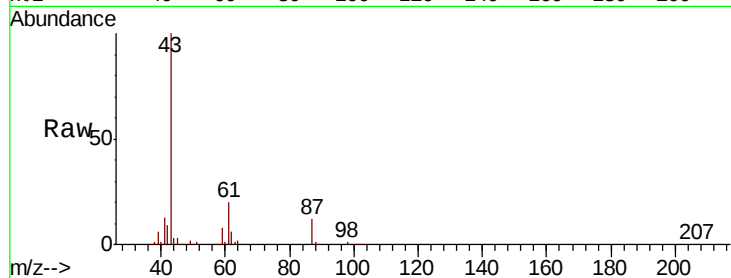
Tot Ion: 43 Resp: 184280

Ion Ratio Lower Upper

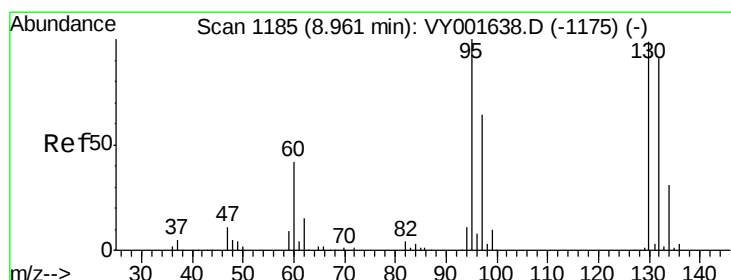
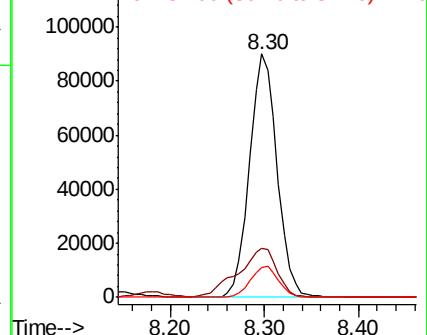
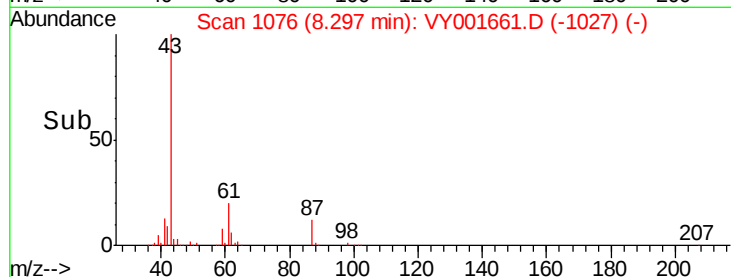
43 100

61 28.4 23.0 34.4

87 13.0 10.7 16.1



Abundance Ion 43.00 (42.70 to 43.70): VY001661.D (-1027) (-)



#44

Trichloroethene

Concen: 51.490 ug/l

RT: 8.96 min Scan# 1185

Delta R.T. 0.00 min

Lab File: VY001661.D

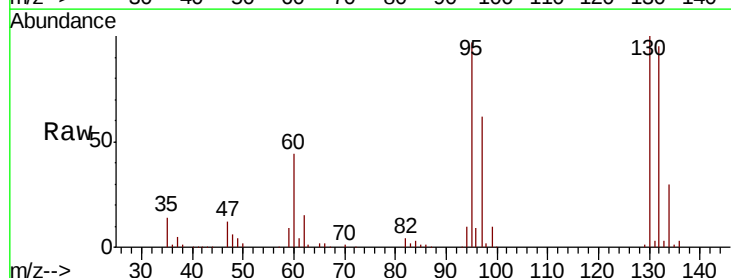
Acq: 17 Feb 2020 20:48

Tgt Ion:130 Resp: 115823

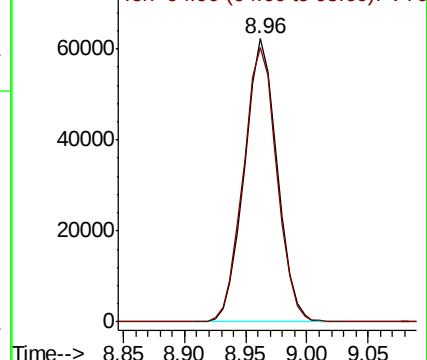
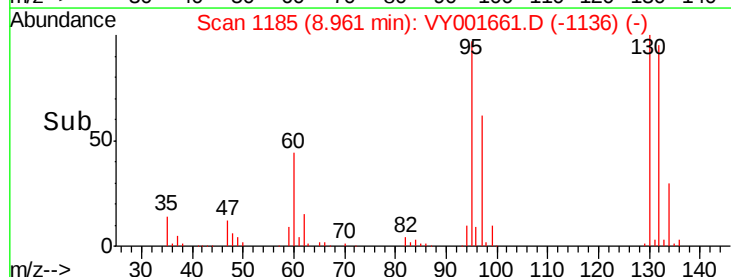
Ion Ratio Lower Upper

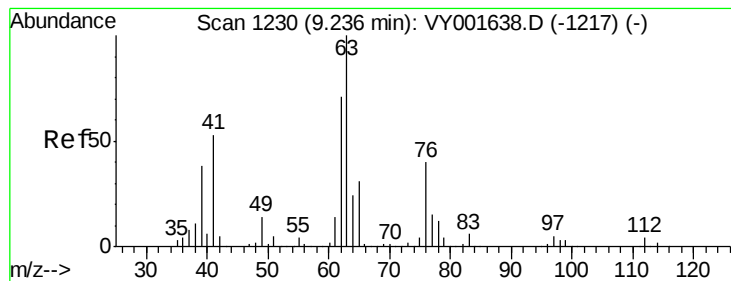
130 100

95 96.7 0.0 200.6



Abundance Ion 129.80 (129.50 to 130.50): VY001661.D (-1136) (-)





#45

1,2-Dichloropropane

Concen: 52.332 ug/l

RT: 9.24 min Scan# 1231

Delta R.T. 0.01 min

Lab File: VY001661.D

Acq: 17 Feb 2020 20:48

Instrument :

MSVOA_Y

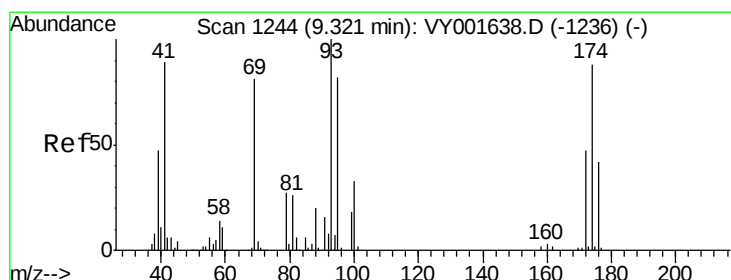
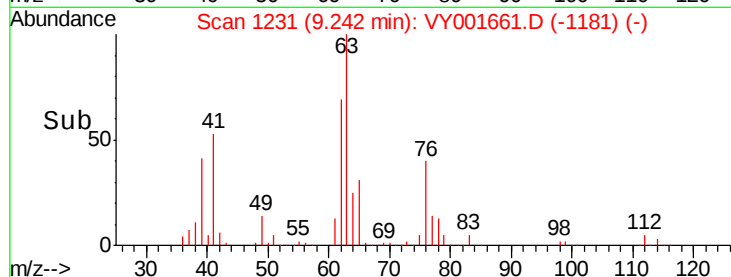
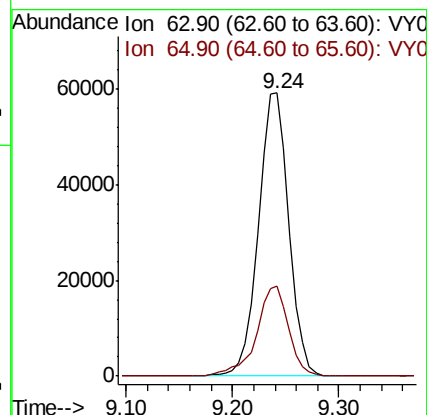
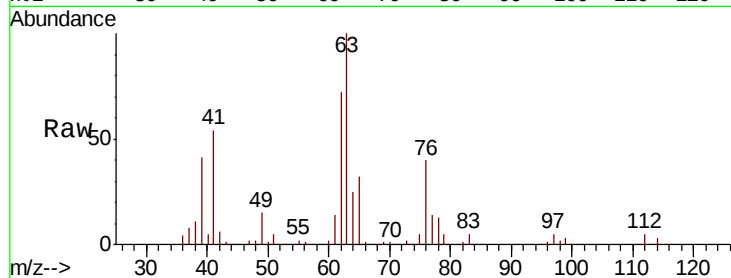
ClientSampleId :

Tot Ion: 63 Resp: 118098

Ion Ratio Lower Upper

63 100

65 31.8 24.6 37.0



#46

Dibromomethane

Concen: 53.135 ug/l

RT: 9.33 min Scan# 1245

Delta R.T. 0.01 min

Lab File: VY001661.D

Acq: 17 Feb 2020 20:48

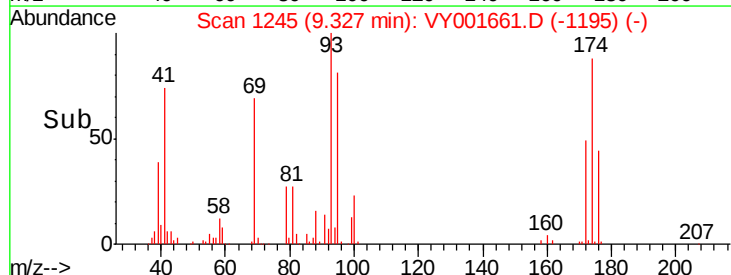
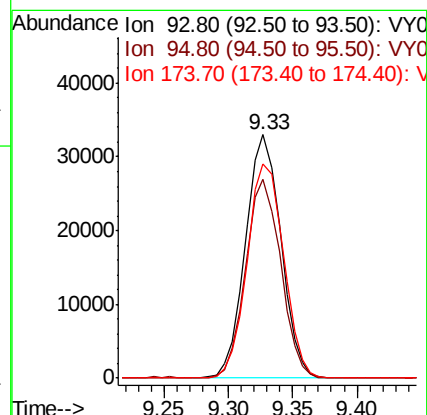
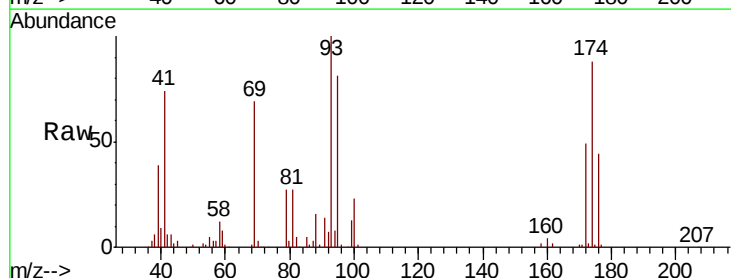
Tgt Ion: 93 Resp: 62718

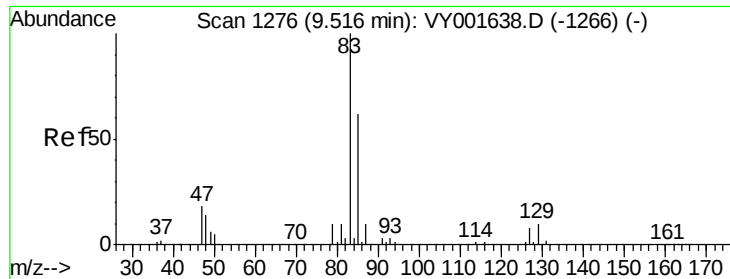
Ion Ratio Lower Upper

93 100

95 81.0 66.1 99.1

174 90.6 72.5 108.7

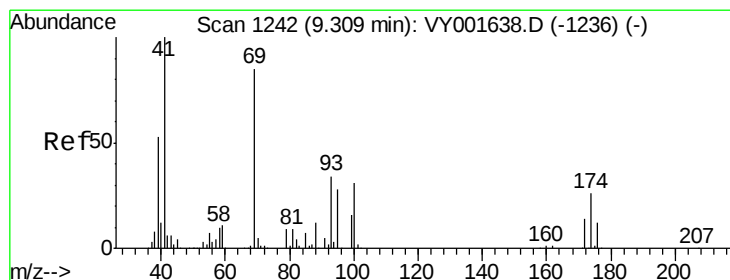
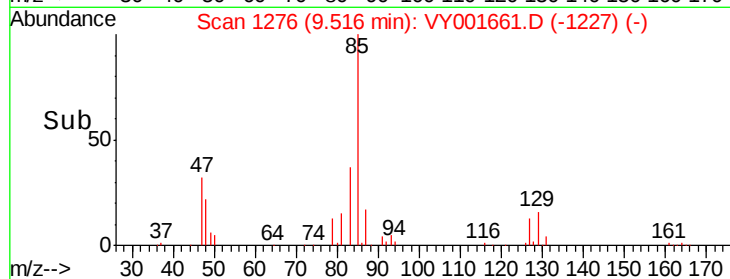
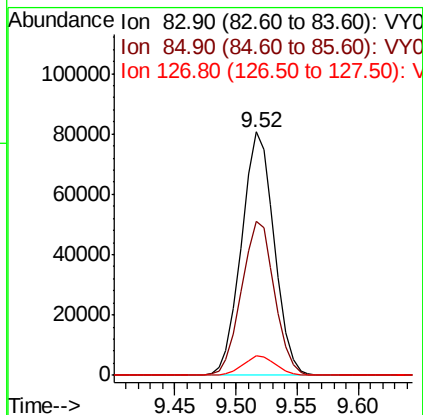
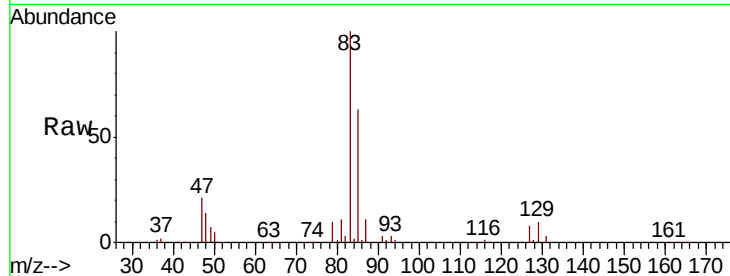




#47
Bromodichloromethane
Concen: 52.531 ug/l
RT: 9.52 min Scan# 1276
Delta R.T. 0.00 min
Lab File: VY001661.D
Acq: 17 Feb 2020 20:48

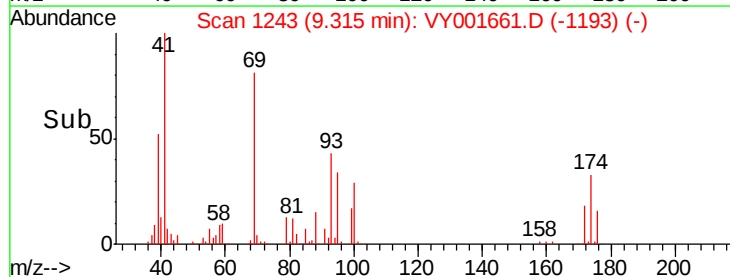
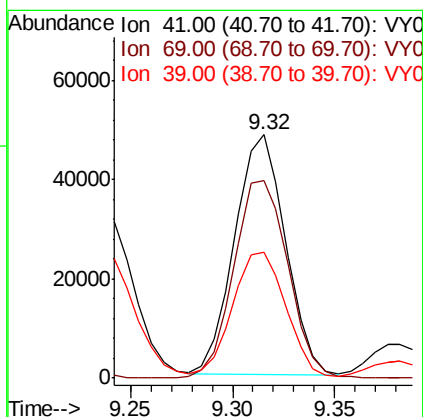
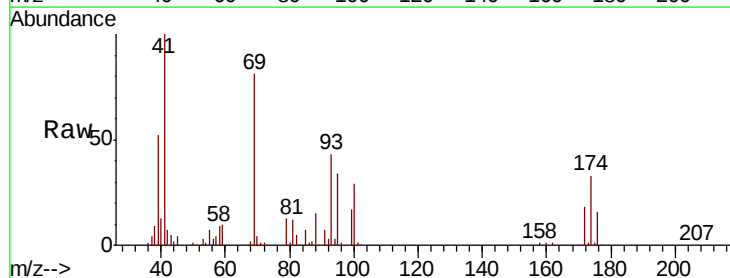
Instrument :
MSVOA_Y
ClientSampleId :

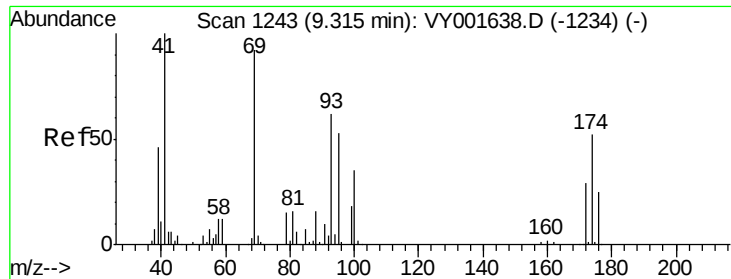
Tot Ion: 83 Resp: 149647
Ion Ratio Lower Upper
83 100
85 63.5 51.4 77.0
127 8.0 6.4 9.6



#48
Methyl methacrylate
Concen: 53.486 ug/l
RT: 9.32 min Scan# 1243
Delta R.T. 0.01 min
Lab File: VY001661.D
Acq: 17 Feb 2020 20:48

Tgt Ion: 41 Resp: 83930
Ion Ratio Lower Upper
41 100
69 87.9 70.7 106.1
39 55.7 42.2 63.2

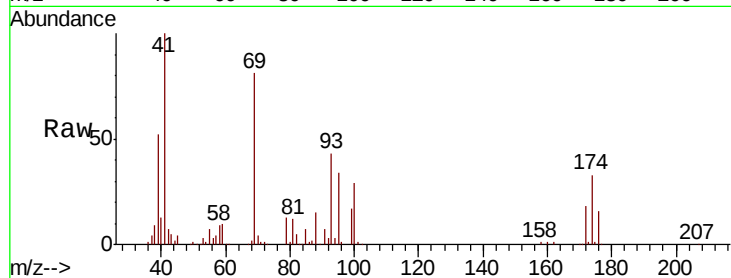




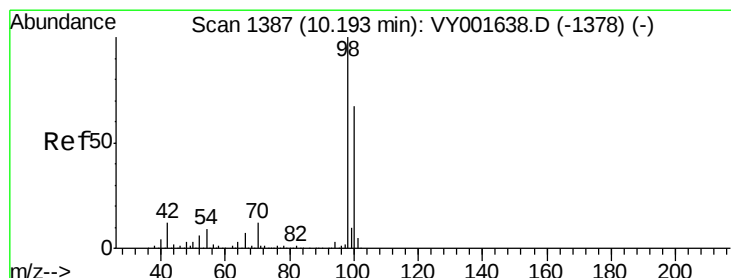
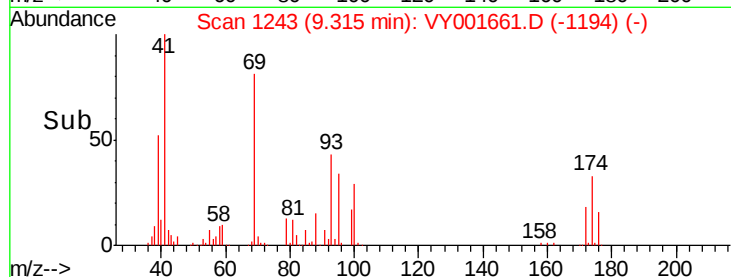
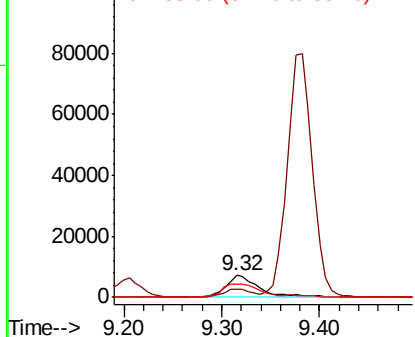
#49
 1,4-Dioxane
 Concen: 1027.037 ug/l
 RT: 9.32 min Scan# 1243
 Delta R.T. 0.00 min
 Lab File: VY001661.D
 Acq: 17 Feb 2020 20:48

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion: 88 Resp: 17122
 Ion Ratio Lower Upper
 88 100
 43 33.2 23.1 34.7
 58 77.2 58.1 87.1

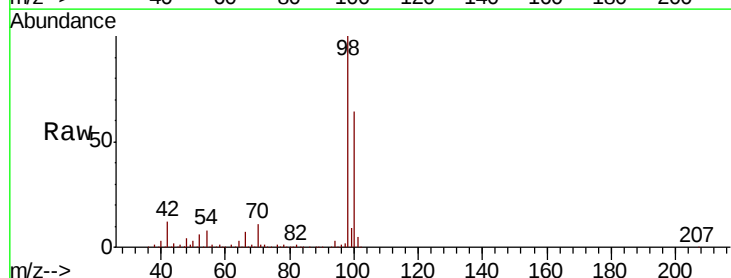


Abundance Ion 88.00 (87.70 to 88.70): VY0
 Ion 43.00 (42.70 to 43.70): VY0
 Ion 58.00 (57.70 to 58.70): VY0

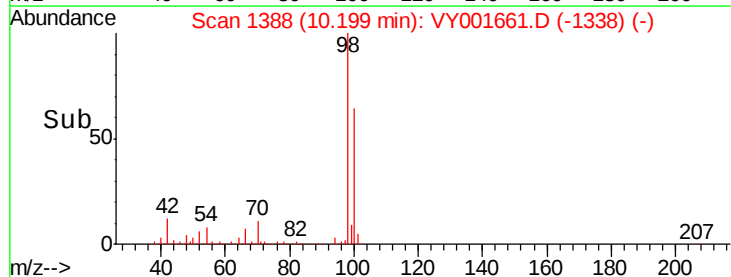
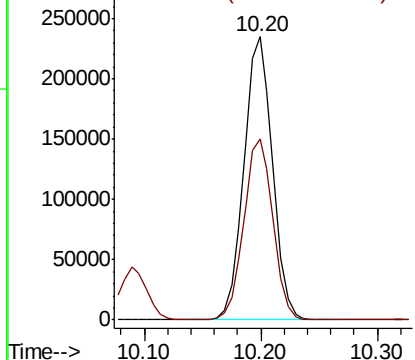


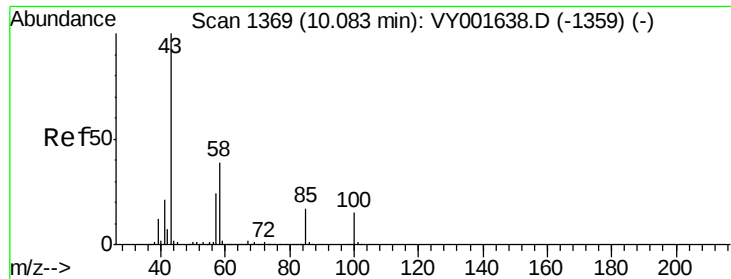
#50
 Toluene-d8
 Concen: 55.647 ug/l
 RT: 10.20 min Scan# 1388
 Delta R.T. 0.01 min
 Lab File: VY001661.D
 Acq: 17 Feb 2020 20:48

Tgt Ion: 98 Resp: 400521
 Ion Ratio Lower Upper
 98 100
 100 64.9 53.0 79.4



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





#51

4-Methyl-2-Pentanone

Concen: 271.511 ug/l

RT: 10.09 min Scan# 1370

Delta R.T. 0.01 min

Lab File: VY001661.D

Acq: 17 Feb 2020 20:48

Instrument :

MSVOA_Y

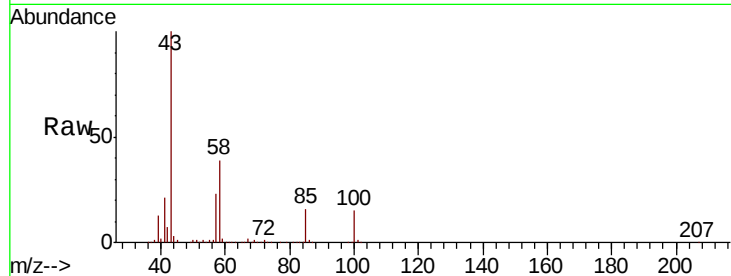
ClientSampleId :

Tot Ion: 43 Resp: 484017

Ion Ratio Lower Upper

43 100

58 38.7 32.2 48.4



Abundance Ion 43.00 (42.70 to 43.70): VY001661.D (-1370) (-)

Ion 58.00 (57.70 to 58.70): VY001661.D (-1370) (-)

10.09

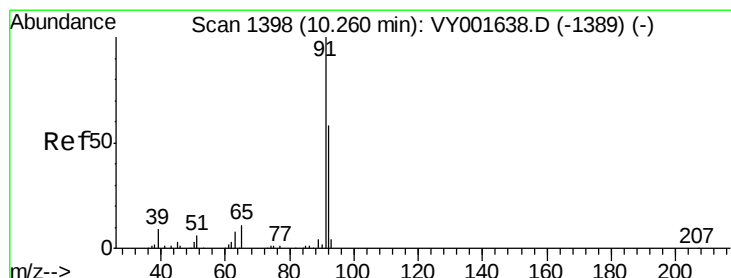
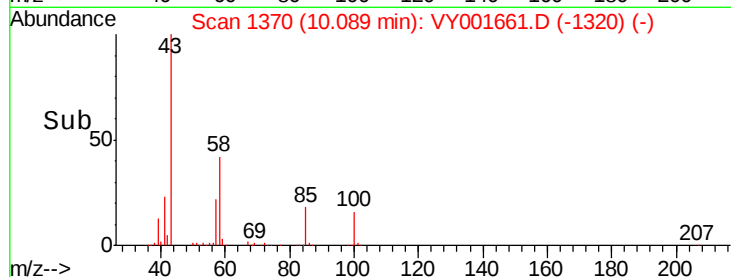
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 51.508 ug/l

RT: 10.26 min Scan# 1398

Delta R.T. 0.00 min

Lab File: VY001661.D

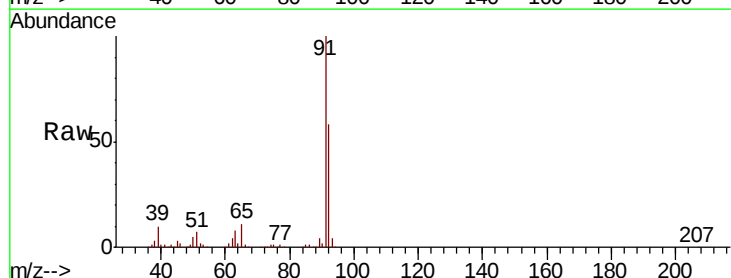
Acq: 17 Feb 2020 20:48

Tgt Ion: 92 Resp: 289515

Ion Ratio Lower Upper

92 100

91 172.9 137.0 205.6



Abundance Ion 92.00 (91.70 to 92.70): VY001661.D (-1398) (-)

Ion 91.00 (90.70 to 91.70): VY001661.D (-1398) (-)

10.26

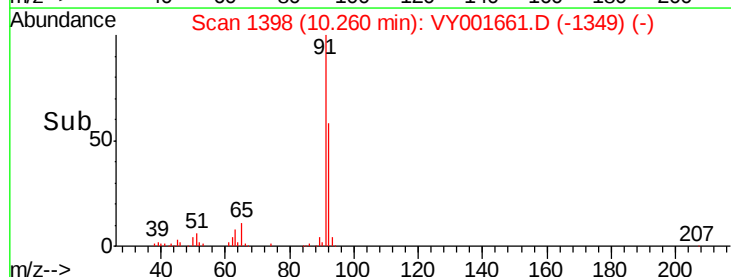
300000

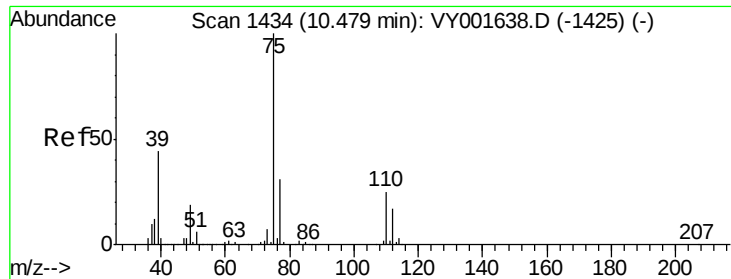
200000

100000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 52.213 ug/l

RT: 10.49 min Scan# 1435

Delta R.T. 0.01 min

Lab File: VY001661.D

Acq: 17 Feb 2020 20:48

Instrument :

MSVOA_Y

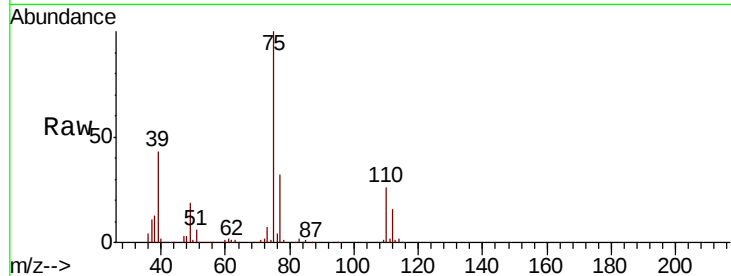
ClientSampled :

Tot Ion: 75 Resp: 164436

Ion Ratio Lower Upper

75 100

77 31.7 25.2 37.8



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

10.49

100000

80000

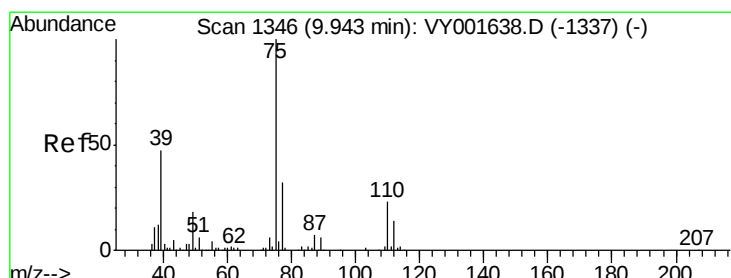
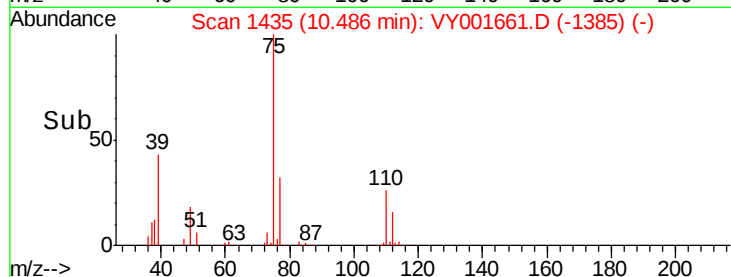
60000

40000

20000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 52.057 ug/l

RT: 9.95 min Scan# 1347

Delta R.T. 0.01 min

Lab File: VY001661.D

Acq: 17 Feb 2020 20:48

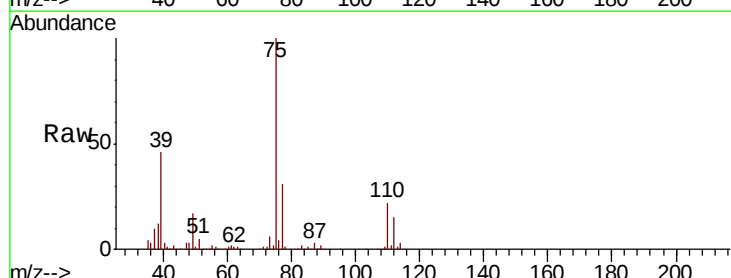
Tgt Ion: 75 Resp: 188687

Ion Ratio Lower Upper

75 100

77 31.4 25.7 38.5

39 46.3 35.7 53.5



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

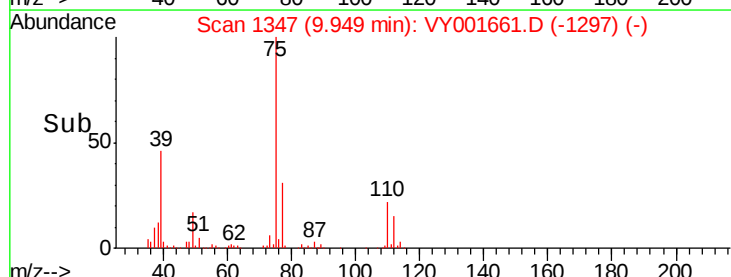
150000

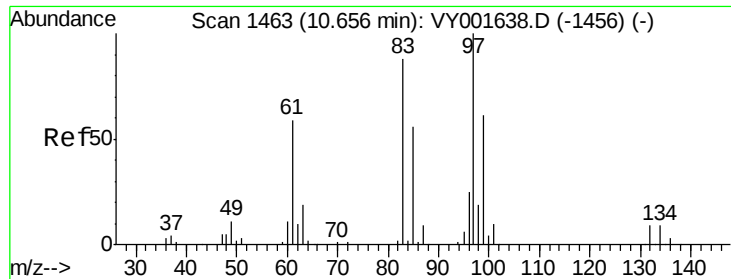
100000

50000

0

Time-->

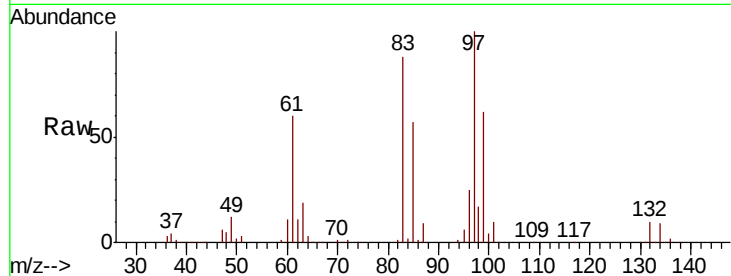




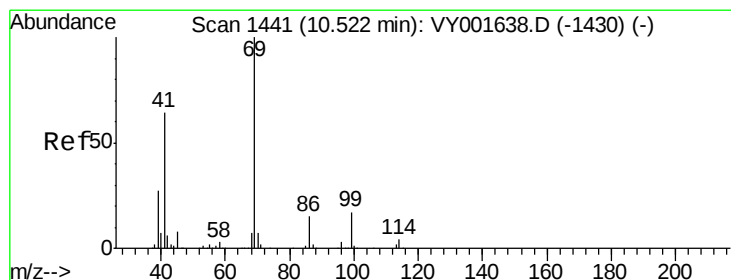
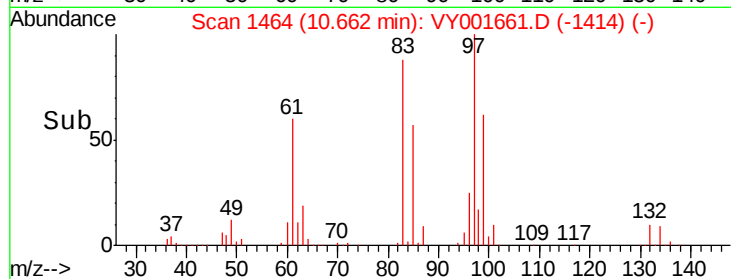
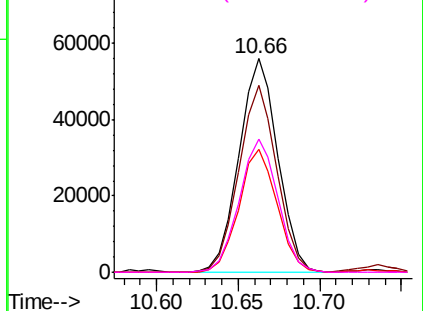
#55
 1,1,2-Trichloroethane
 Concen: 53.151 ug/l
 RT: 10.66 min Scan# 1464
 Delta R.T. 0.01 min
 Lab File: VY001661.D
 Acq: 17 Feb 2020 20:48

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion: 97 Resp: 92508
 Ion Ratio Lower Upper
 97 100
 83 87.6 69.7 104.5
 85 57.4 44.5 66.7
 99 62.5 49.6 74.4

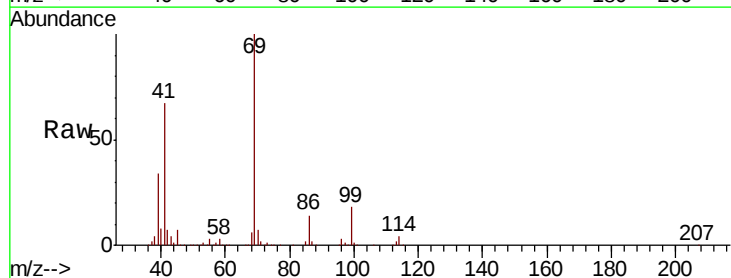


Abundance Ion 96.90 (96.60 to 97.60): VY0
 Ion 82.90 (82.60 to 83.60): VY0
 Ion 84.90 (84.60 to 85.60): VY0
 Ion 98.90 (98.60 to 99.60): VY0

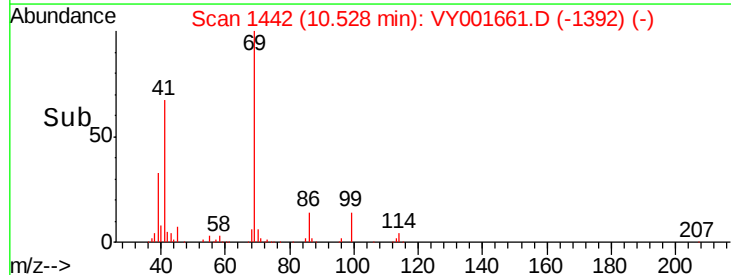
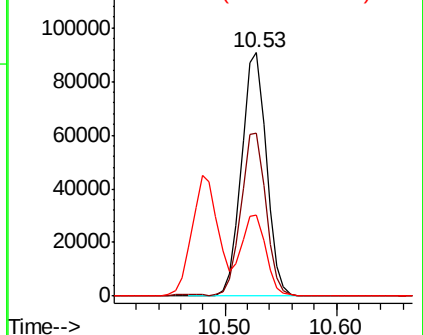


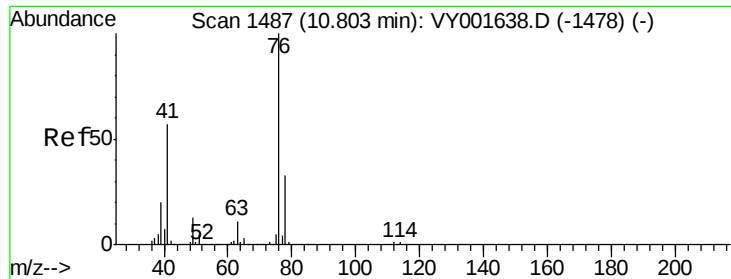
#56
 Ethyl methacrylate
 Concen: 53.971 ug/l
 RT: 10.53 min Scan# 1442
 Delta R.T. 0.01 min
 Lab File: VY001661.D
 Acq: 17 Feb 2020 20:48

Tgt Ion: 69 Resp: 140920
 Ion Ratio Lower Upper
 69 100
 41 66.4 51.0 76.4
 39 33.2 24.7 37.1



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





#57

1,3-Dichloropropane

Concen: 52.801 ug/l

RT: 10.81 min Scan# 1488

Delta R.T. 0.01 min

Lab File: VY001661.D

Acq: 17 Feb 2020 20:48

Instrument :

MSVOA_Y

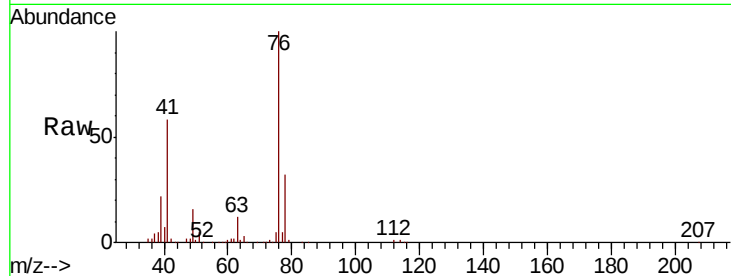
ClientSampled :

Tot Ion: 76 Resp: 163286

Ion Ratio Lower Upper

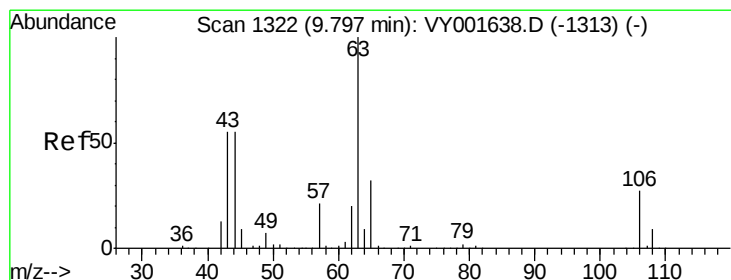
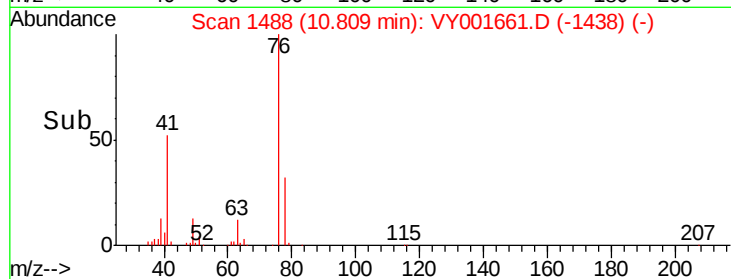
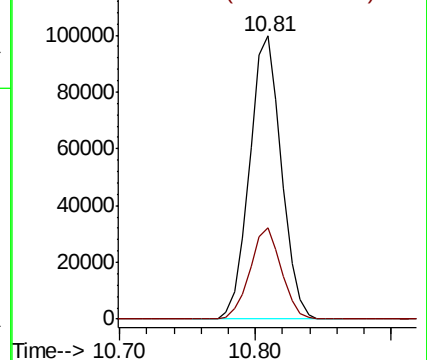
76 100

78 31.8 25.7 38.5



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: 236.484 ug/l

RT: 9.80 min Scan# 1323

Delta R.T. 0.01 min

Lab File: VY001661.D

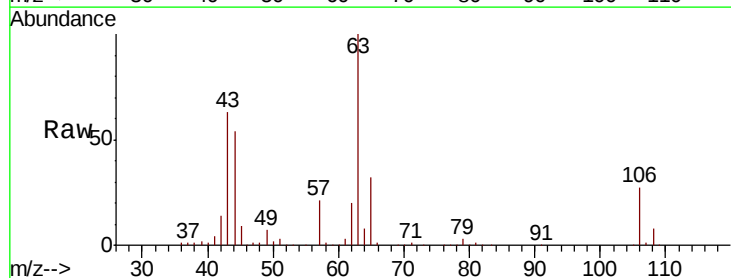
Acq: 17 Feb 2020 20:48

Tgt Ion: 63 Resp: 233229

Ion Ratio Lower Upper

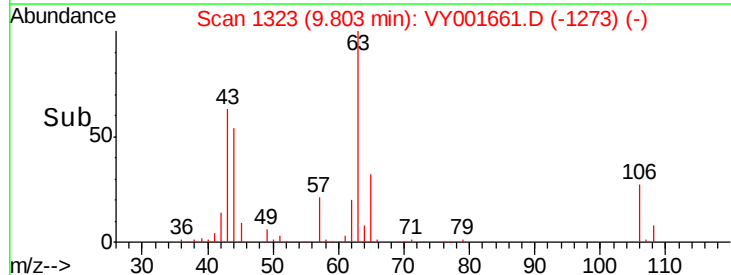
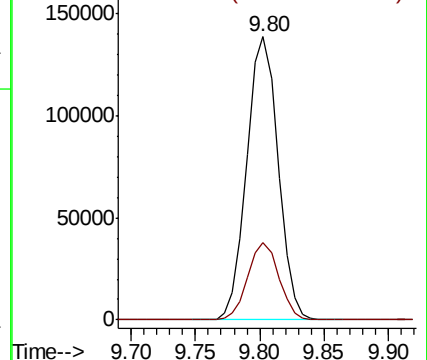
63 100

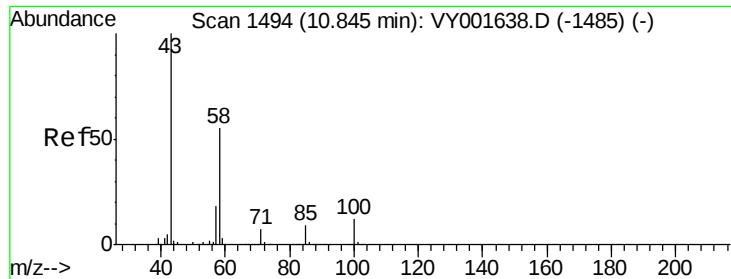
106 27.0 21.6 32.4



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

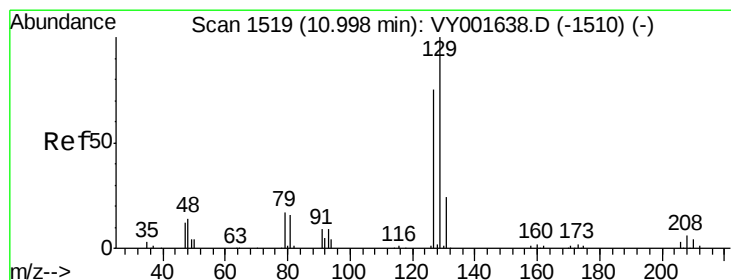
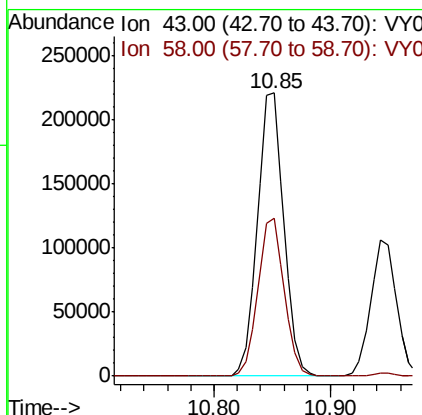
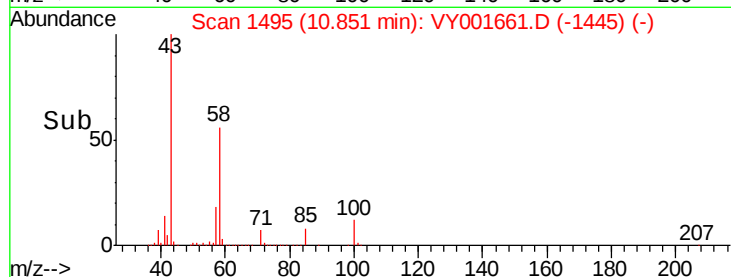
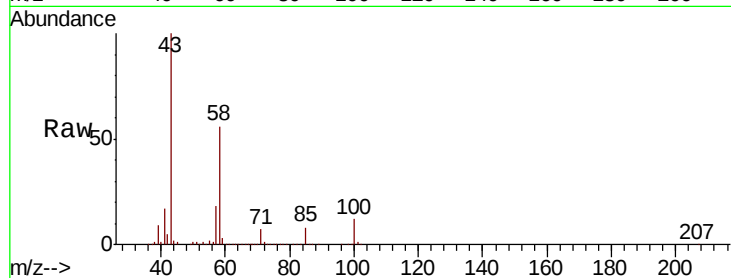




#59
2-Hexanone
Concen: 261.650 ug/l
RT: 10.85 min Scan# 1495
Delta R.T. 0.01 min
Lab File: VY001661.D
Acq: 17 Feb 2020 20:48

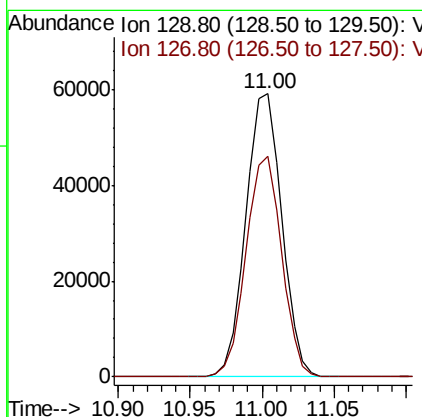
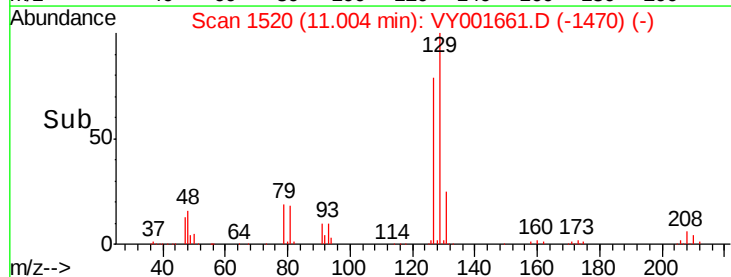
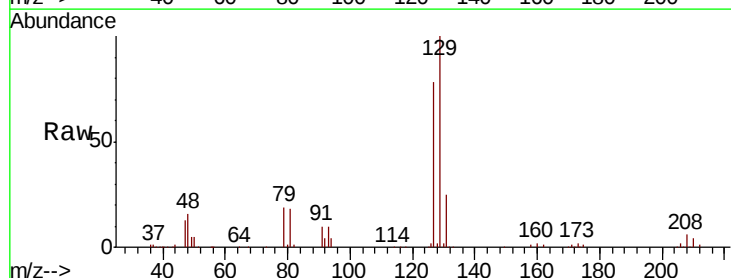
Instrument :
MSVOA_Y
ClientSampleId :

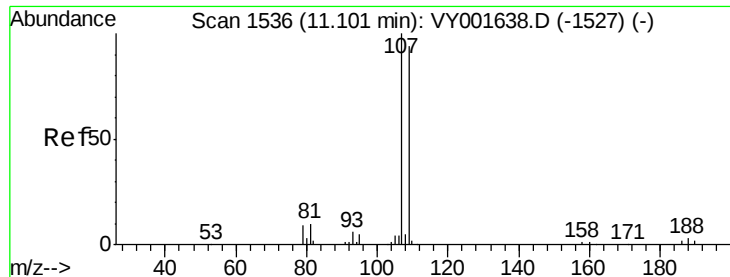
Tot Ion: 43 Resp: 349976
Ion Ratio Lower Upper
43 100
58 55.6 28.4 85.2



#60
Dibromochloromethane
Concen: 53.137 ug/l
RT: 11.00 min Scan# 1520
Delta R.T. 0.01 min
Lab File: VY001661.D
Acq: 17 Feb 2020 20:48

Tgt Ion: 129 Resp: 101963
Ion Ratio Lower Upper
129 100
127 77.3 38.9 116.6

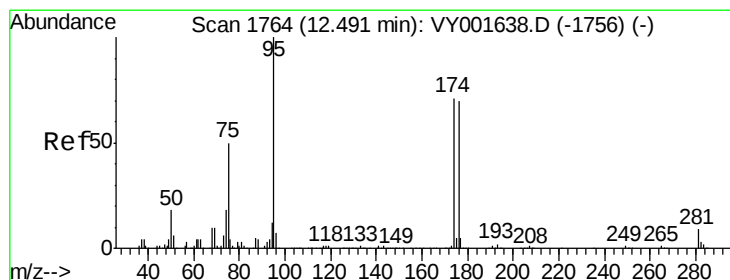
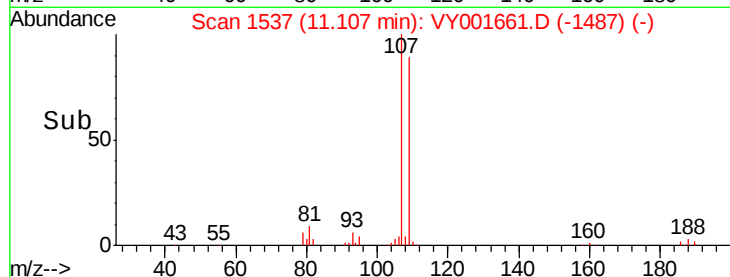
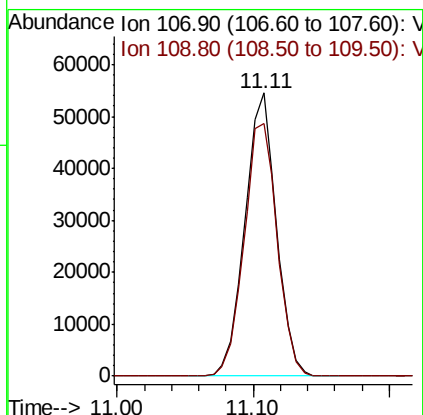
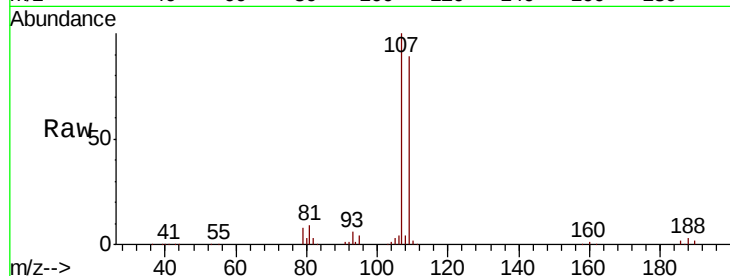




#61
 1,2-Dibromoethane
 Concen: 53.583 ug/l
 RT: 11.11 min Scan# 1537
 Delta R.T. 0.01 min
 Lab File: VY001661.D
 Acq: 17 Feb 2020 20:48

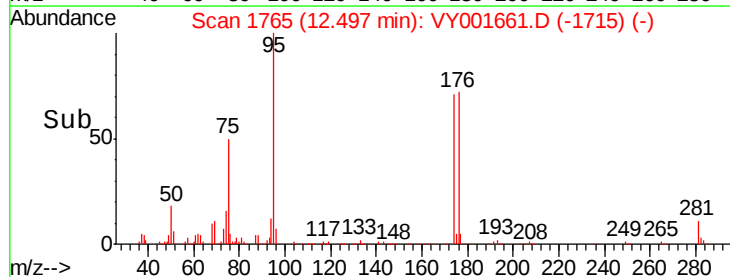
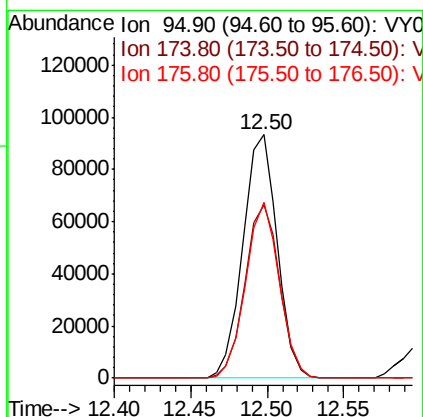
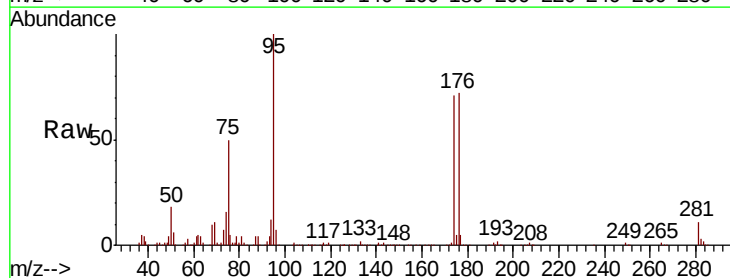
Instrument :
 MSVOA_Y
 ClientSampleId :

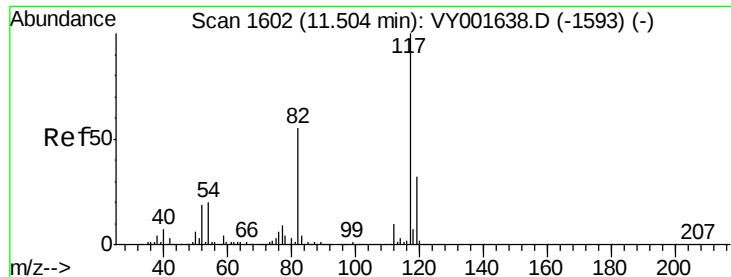
Tot Ion: 107 Resp: 88179
 Ion Ratio Lower Upper
 107 100
 109 93.8 74.2 111.4



#62
 4-Bromofluorobenzene
 Concen: 51.839 ug/l
 RT: 12.50 min Scan# 1765
 Delta R.T. 0.01 min
 Lab File: VY001661.D
 Acq: 17 Feb 2020 20:48

Tgt Ion: 95 Resp: 144951
 Ion Ratio Lower Upper
 95 100
 174 72.1 0.0 138.4
 176 70.9 0.0 131.8

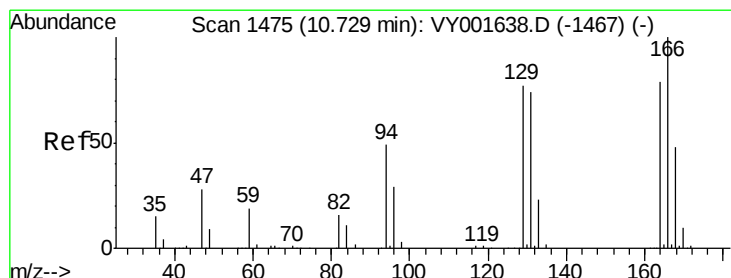
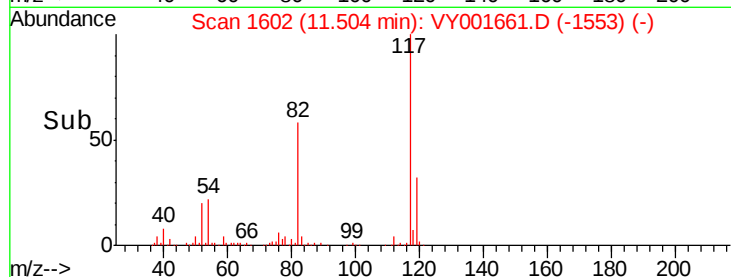
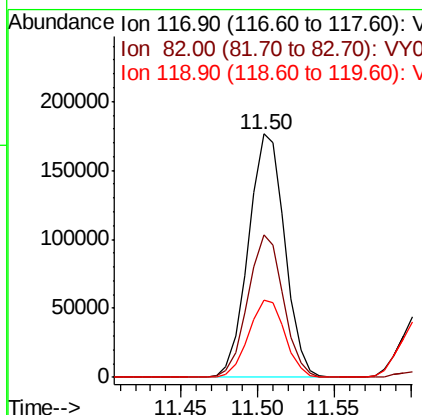
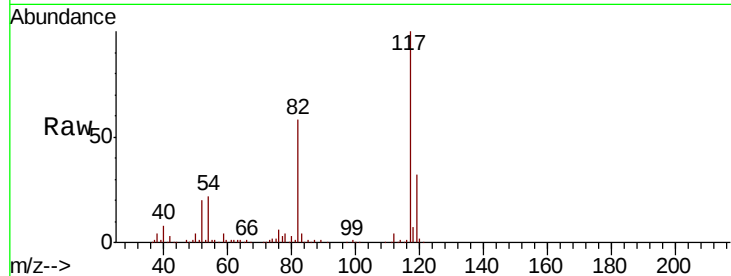




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.00 min
Lab File: VY001661.D
Acq: 17 Feb 2020 20:48

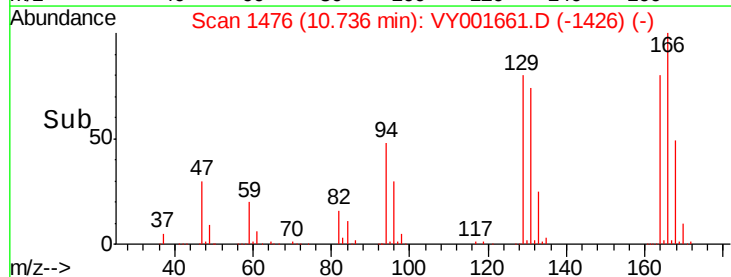
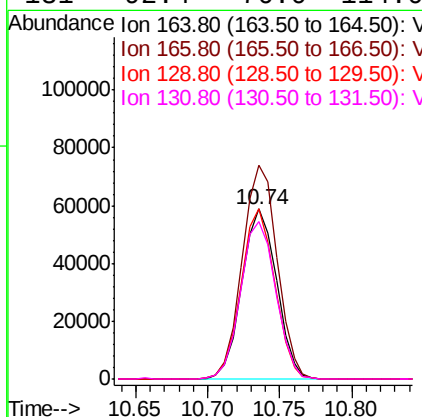
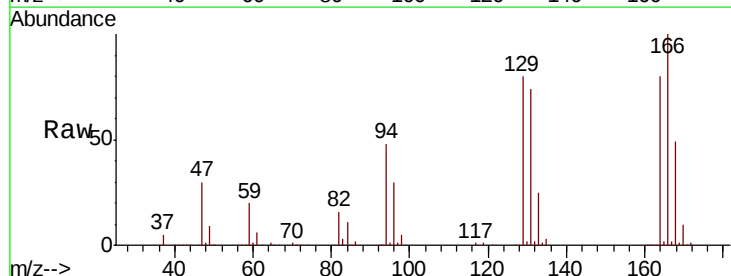
Instrument :
MSVOA_Y
ClientSampled :

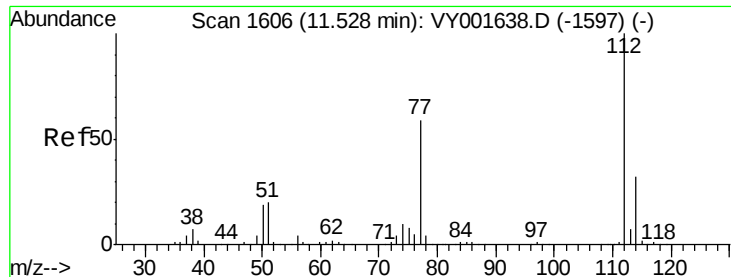
Tot Ion:117 Resp: 291191
Ion Ratio Lower Upper
117 100
82 58.4 45.5 68.3
119 31.7 25.8 38.6



#64
Tetrachloroethene
Concen: 53.630 ug/l
RT: 10.74 min Scan# 1476
Delta R.T. 0.01 min
Lab File: VY001661.D
Acq: 17 Feb 2020 20:48

Tgt Ion:164 Resp: 98034
Ion Ratio Lower Upper
164 100
166 125.8 101.4 152.0
129 100.2 78.7 118.1
131 92.4 76.0 114.0

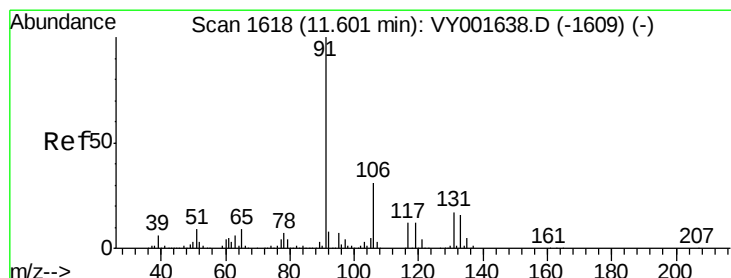
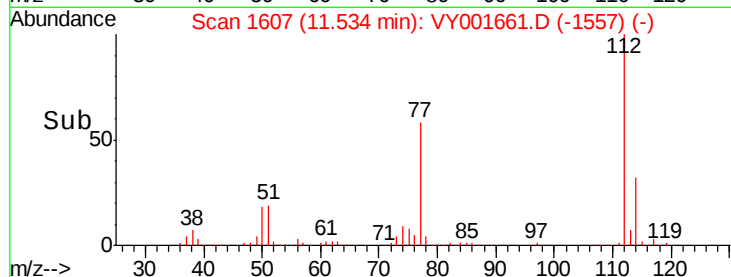
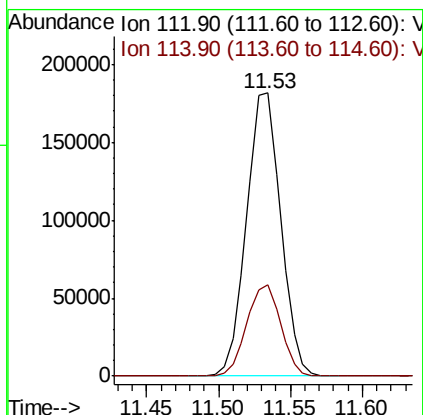
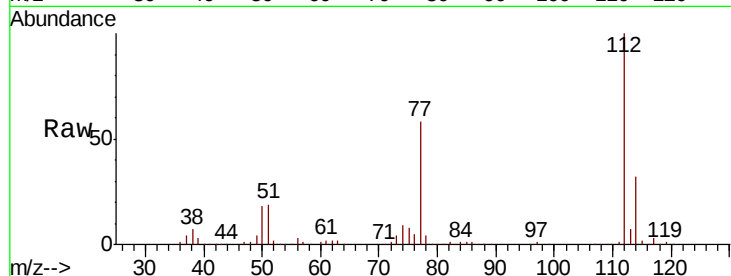




#65
Chlorobenzene
Concen: 51.387 ug/l
RT: 11.53 min Scan# 1607
Delta R.T. 0.01 min
Lab File: VY001661.D
Acq: 17 Feb 2020 20:48

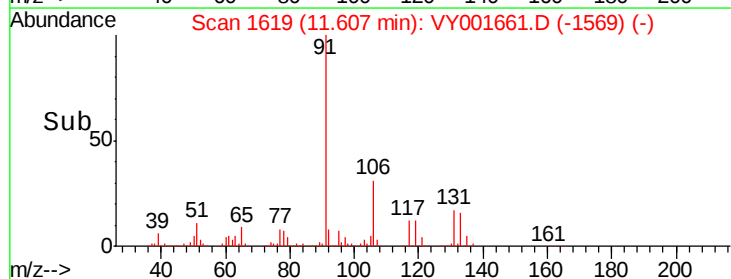
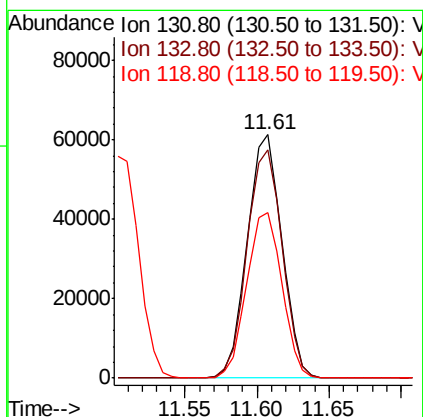
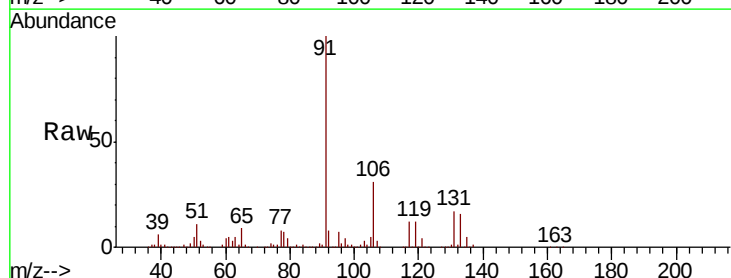
Instrument :
MSVOA_Y
ClientSampleId :

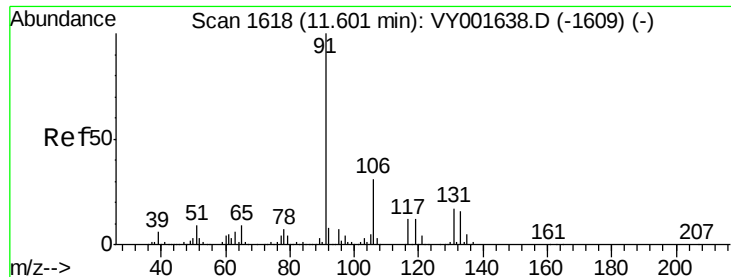
Tot Ion:112 Resp: 298745
Ion Ratio Lower Upper
112 100
114 32.1 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 52.013 ug/l
RT: 11.61 min Scan# 1619
Delta R.T. 0.01 min
Lab File: VY001661.D
Acq: 17 Feb 2020 20:48

Tgt Ion:131 Resp: 102002
Ion Ratio Lower Upper
131 100
133 95.1 47.4 142.2
119 68.9 34.4 103.1

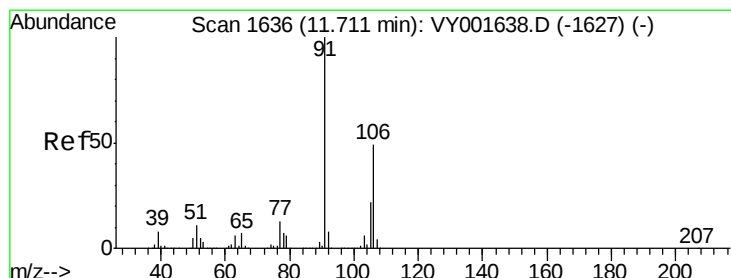
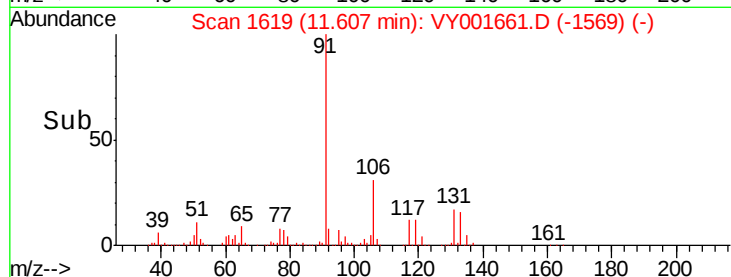
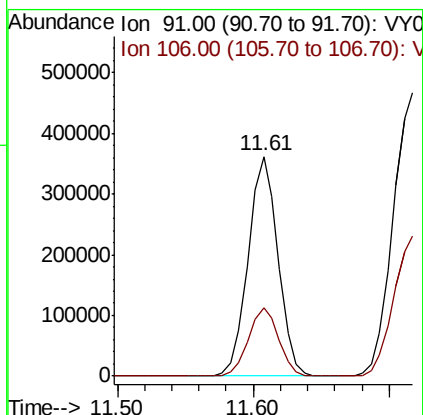
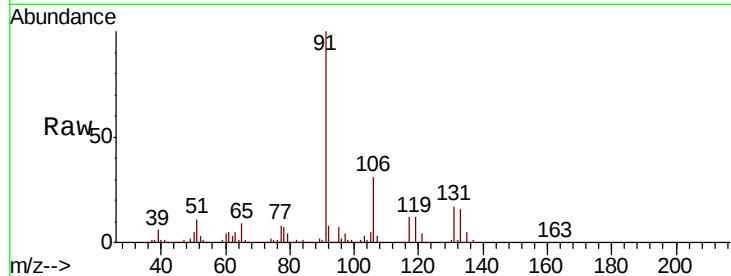




#67
Ethyl Benzene
Concen: 51.459 ug/l
RT: 11.61 min Scan# 1619
Delta R.T. 0.01 min
Lab File: VY001661.D
Acq: 17 Feb 2020 20:48

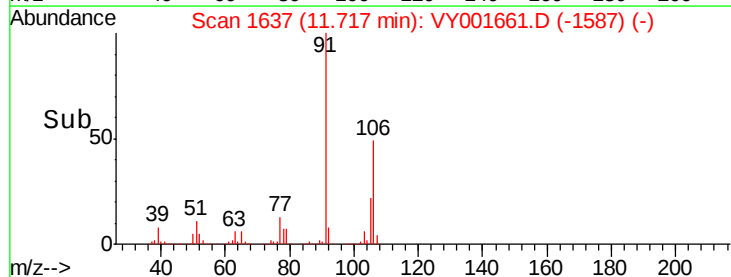
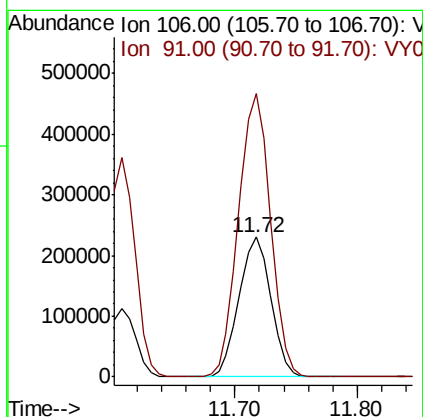
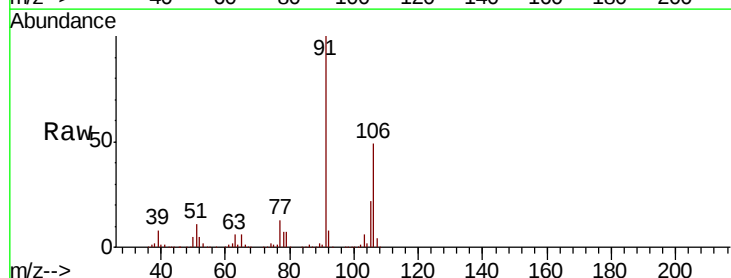
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 91 Resp: 555171
Ion Ratio Lower Upper
91 100
106 31.0 24.5 36.7



#68
m/p-Xylenes
Concen: 103.688 ug/l
RT: 11.72 min Scan# 1637
Delta R.T. 0.01 min
Lab File: VY001661.D
Acq: 17 Feb 2020 20:48

Tgt Ion: 106 Resp: 417867
Ion Ratio Lower Upper
106 100
91 203.4 163.3 244.9

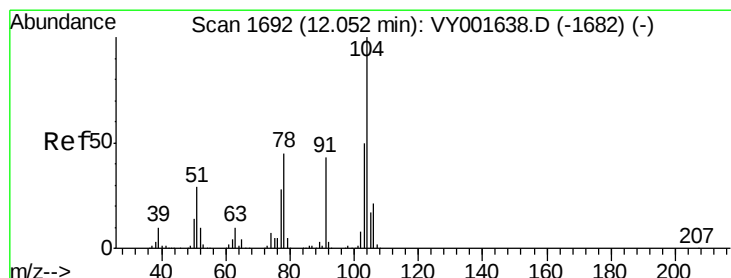
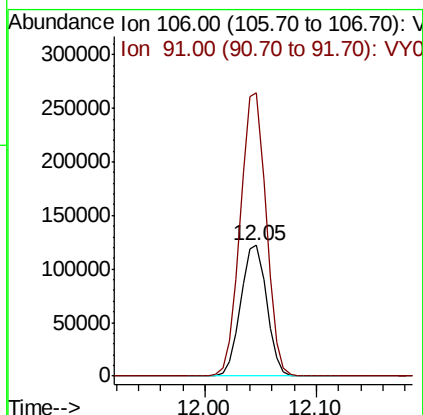
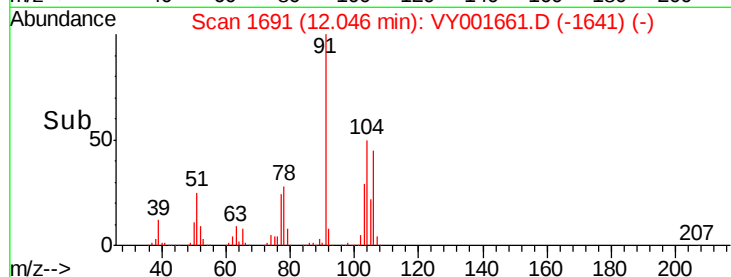
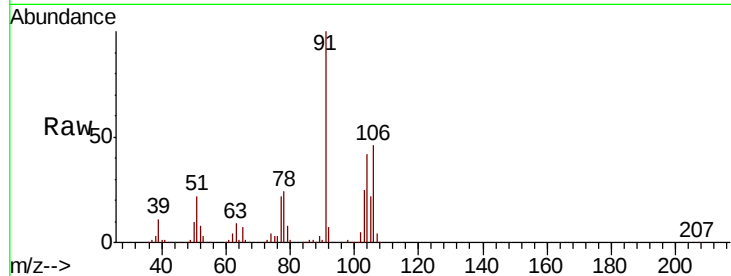




#69
o-Xylene
Concen: 51.677 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.01 min
Lab File: VY001661.D
Acq: 17 Feb 2020 20:48

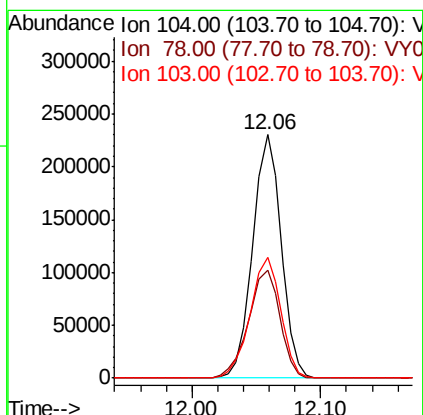
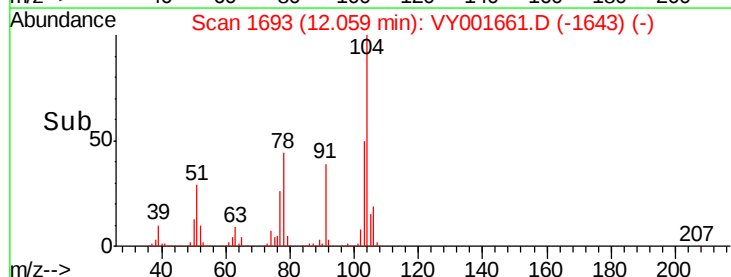
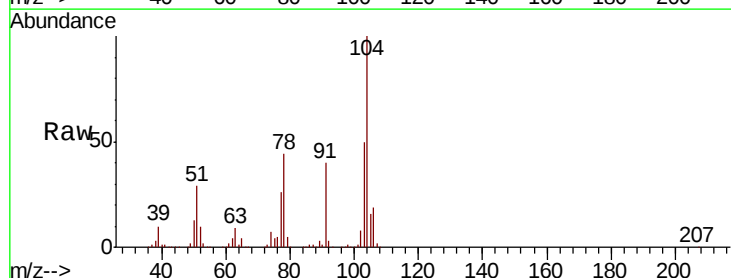
Instrument :
MSVOA_Y
ClientSampled :

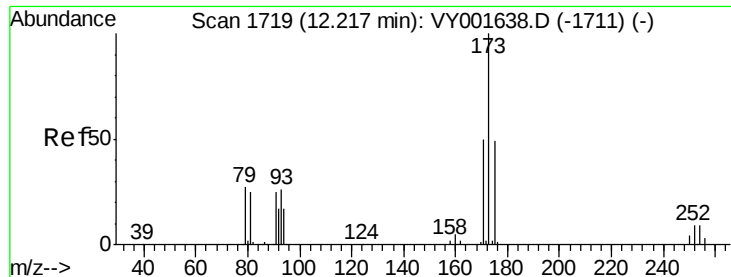
Tot Ion:106 Resp: 197994
Ion Ratio Lower Upper
106 100
91 215.3 108.3 324.9



#70
Styrene
Concen: 52.526 ug/l
RT: 12.06 min Scan# 1693
Delta R.T. 0.01 min
Lab File: VY001661.D
Acq: 17 Feb 2020 20:48

Tgt Ion:104 Resp: 349752
Ion Ratio Lower Upper
104 100
78 49.2 39.2 58.8
103 53.6 43.0 64.6





#71

Bromoform

Concen: 52.740 ug/l

RT: 12.22 min Scan# 1720

Delta R.T. 0.01 min

Lab File: VY001661.D

Acq: 17 Feb 2020 20:48

Instrument :

MSVOA_Y

ClientSampleId :

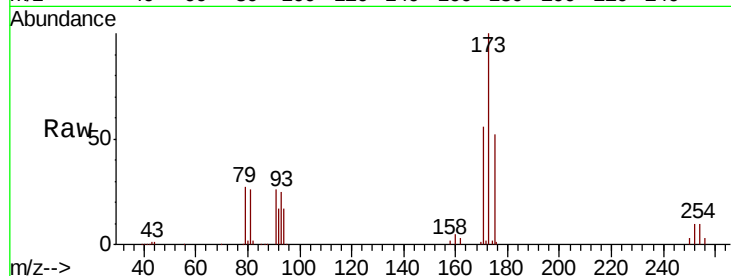
Tot Ion:173 Resp: 59108

Ion Ratio Lower Upper

173 100

175 49.1 24.3 73.0

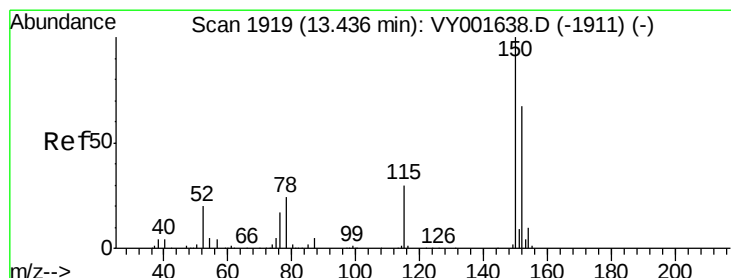
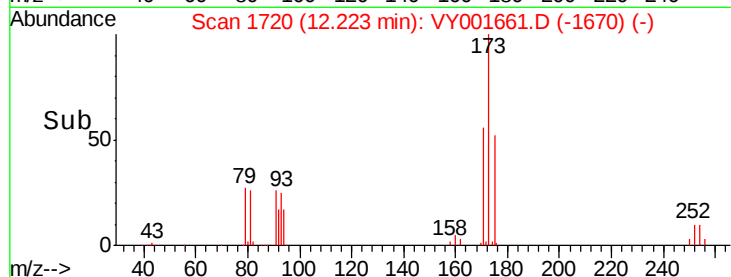
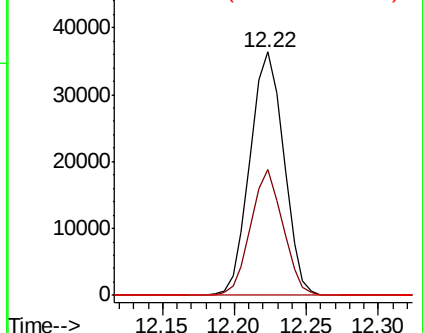
254 0.0 0.1 0.1#



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# 1920

Delta R.T. 0.01 min

Lab File: VY001661.D

Acq: 17 Feb 2020 20:48

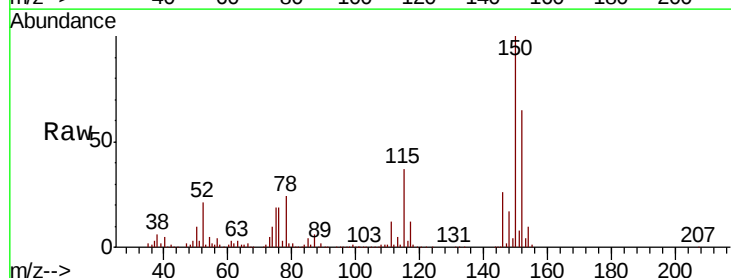
Tgt Ion:152 Resp: 140704

Ion Ratio Lower Upper

152 100

115 60.9 31.4 94.2

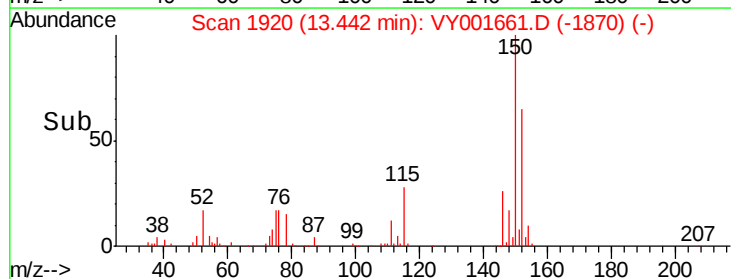
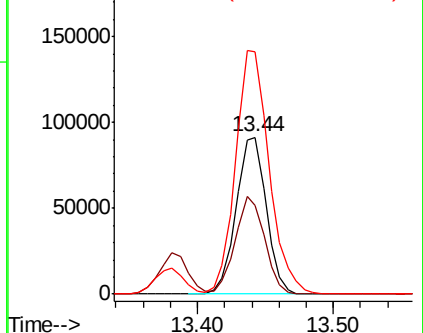
150 173.4 0.0 407.2

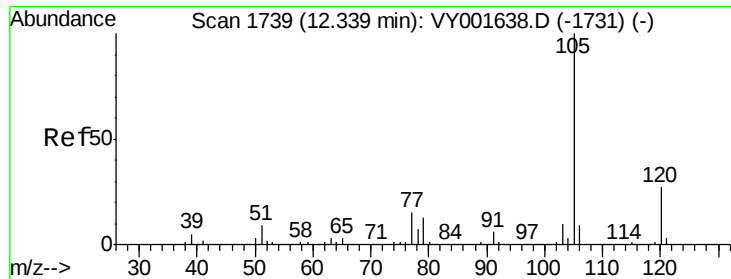


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

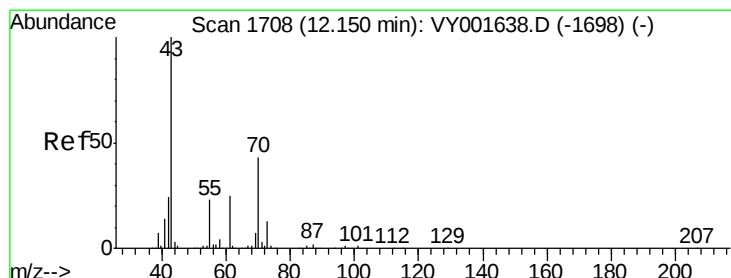
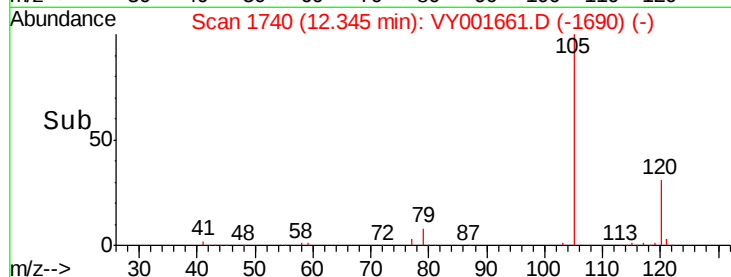
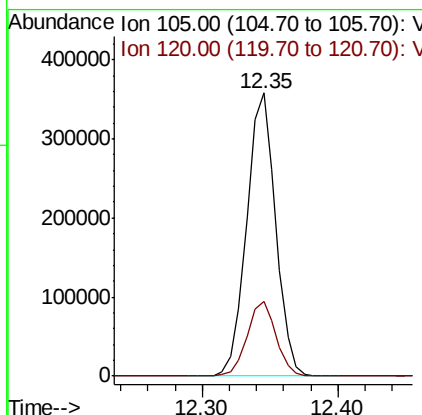
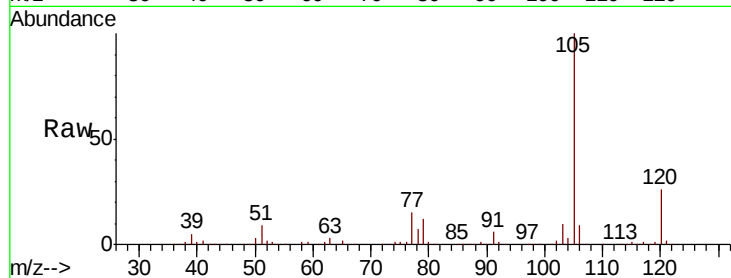




#73
Isopropylbenzene
Concen: 49.727 ug/l
RT: 12.35 min Scan# 1740
Delta R.T. 0.01 min
Lab File: VY001661.D
Acq: 17 Feb 2020 20:48

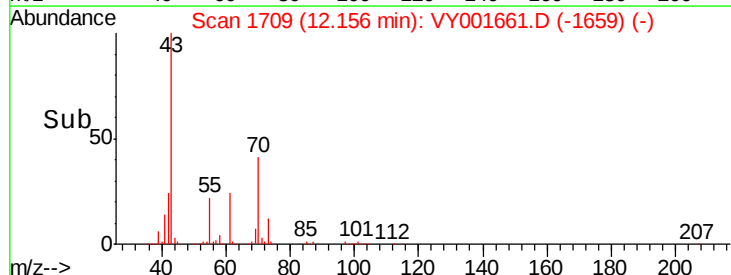
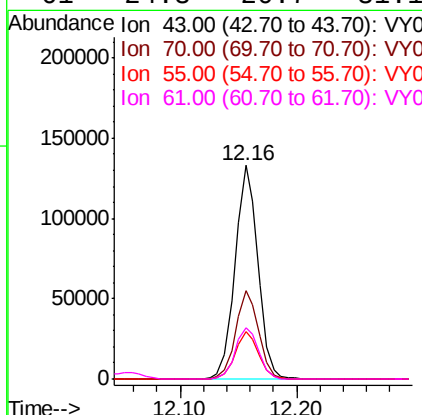
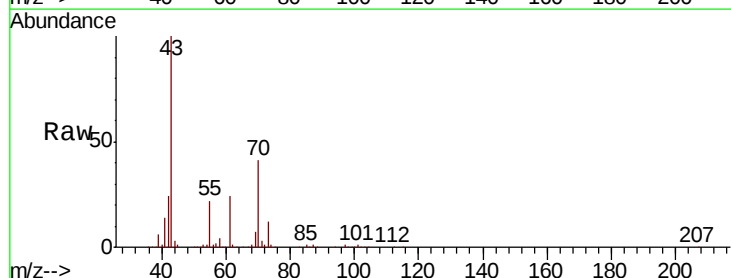
Instrument :
MSVOA_Y
ClientSampleId :

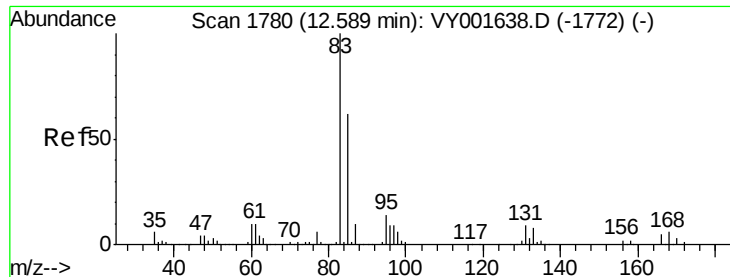
Tot Ion:105 Resp: 533029
Ion Ratio Lower Upper
105 100
120 26.2 13.4 40.1



#74
N-ethyl acetate
Concen: 53.050 ug/l
RT: 12.16 min Scan# 1709
Delta R.T. 0.01 min
Lab File: VY001661.D
Acq: 17 Feb 2020 20:48

Tgt Ion: 43 Resp: 181479
Ion Ratio Lower Upper
43 100
70 41.3 35.9 53.9
55 22.3 18.3 27.5
61 24.3 20.7 31.1





#75

1,1,2,2-Tetrachloroethane

Concen: 51.774 ug/l

RT: 12.59 min Scan# 1781

Delta R.T. 0.01 min

Lab File: VY001661.D

Acq: 17 Feb 2020 20:48

Instrument :

MSVOA_Y

ClientSampleId :

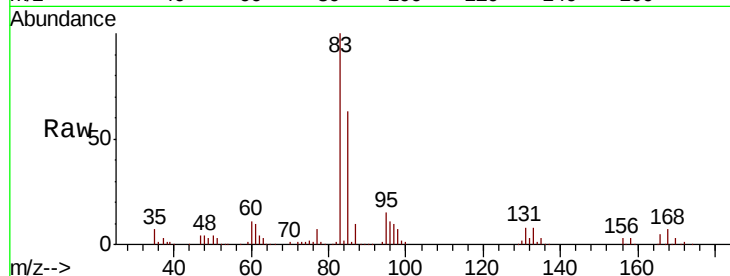
Tot Ion: 83 Resp: 118498

Ion Ratio Lower Upper

83 100

131 9.1 4.7 14.1

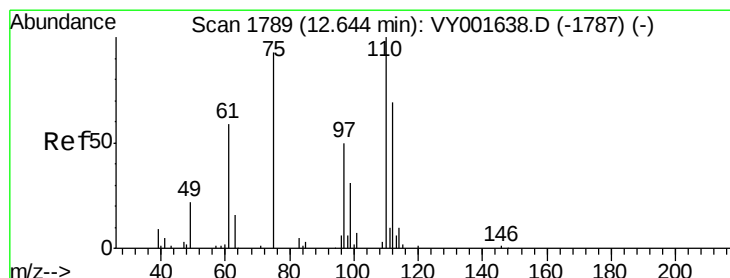
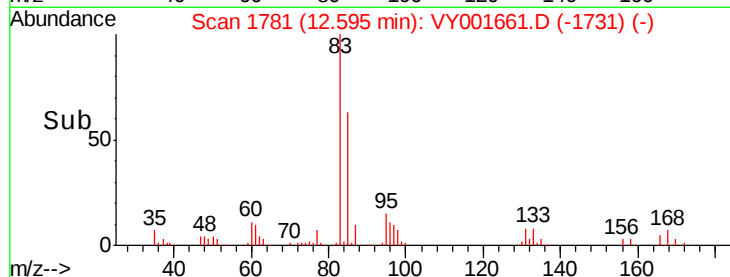
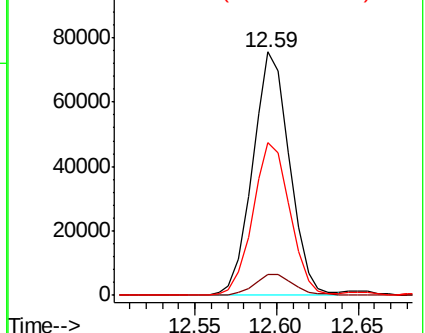
85 63.3 31.6 94.7



Abundance Ion 82.90 (82.60 to 83.60): VY001661.D (-1731) (-)

Ion 130.80 (130.50 to 131.50): VY001661.D (-1731) (-)

Ion 84.90 (84.60 to 85.60): VY001661.D (-1731) (-)



#76

1,2,3-Trichloropropane

Concen: 94.491 ug/l

RT: 12.65 min Scan# 1790

Delta R.T. 0.01 min

Lab File: VY001661.D

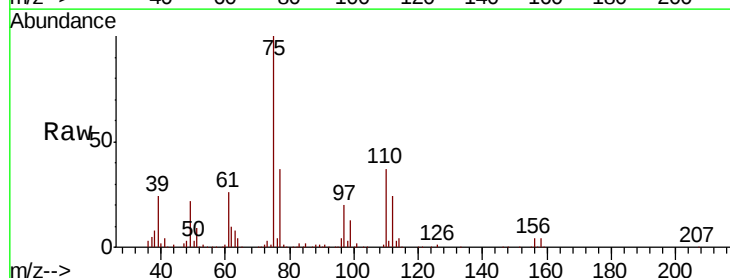
Acq: 17 Feb 2020 20:48

Tgt Ion: 75 Resp: 152514

Ion Ratio Lower Upper

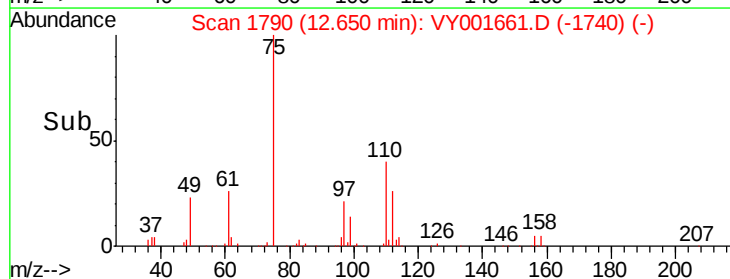
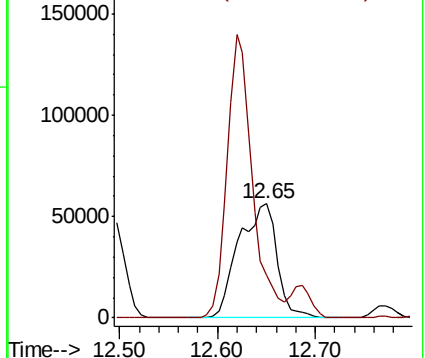
75 100

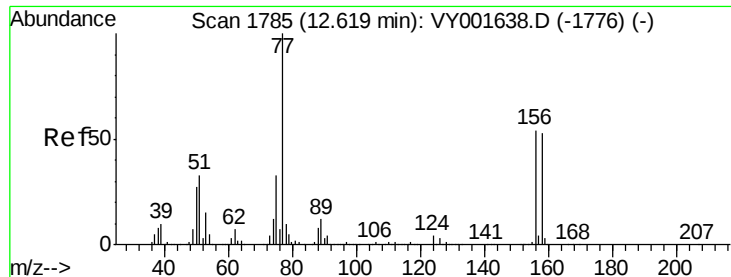
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY001661.D (-1740) (-)

Ion 77.00 (76.70 to 77.70): VY001661.D (-1740) (-)





#77

Bromobenzene

Concen: 50.204 ug/l

RT: 12.63 min Scan# 1786

Delta R.T. 0.01 min

Lab File: VY001661.D

Acq: 17 Feb 2020 20:48

Instrument :

MSVOA_Y

ClientSampled :

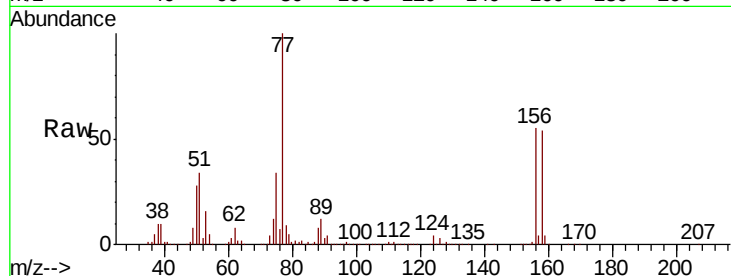
Tot Ion:156 Resp: 116658

Ion Ratio Lower Upper

156 100

77 215.6 110.1 330.1

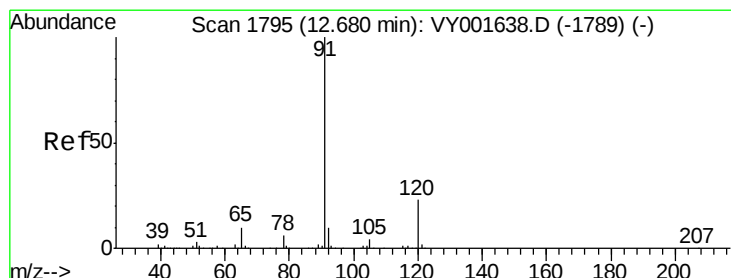
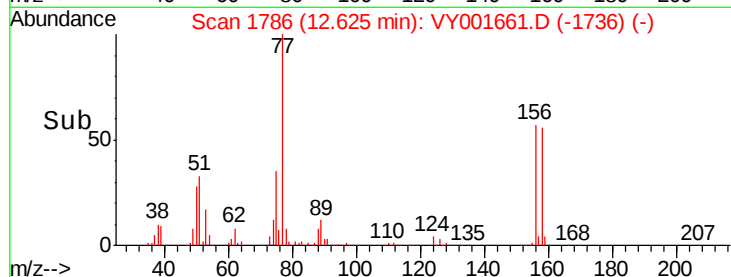
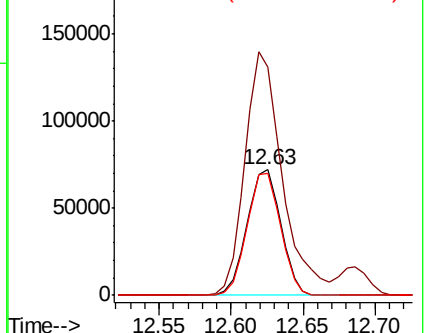
158 96.8 47.9 143.7



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: 50.406 ug/l

RT: 12.69 min Scan# 1796

Delta R.T. 0.01 min

Lab File: VY001661.D

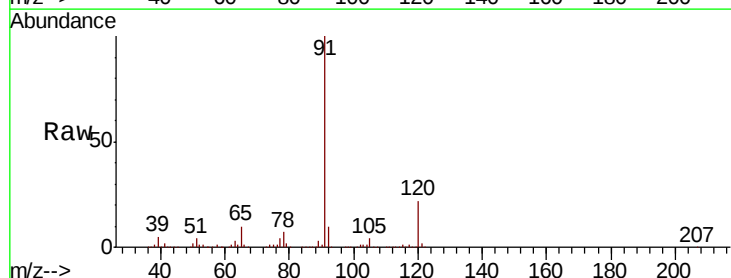
Acq: 17 Feb 2020 20:48

Tgt Ion: 91 Resp: 658048

Ion Ratio Lower Upper

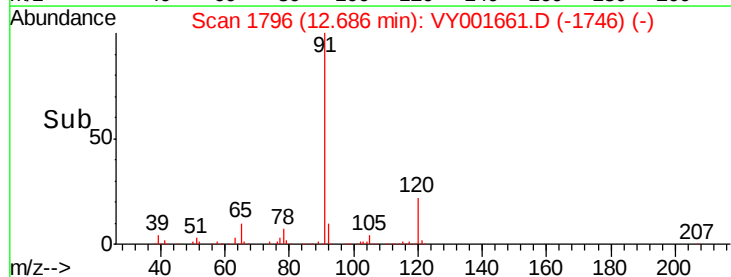
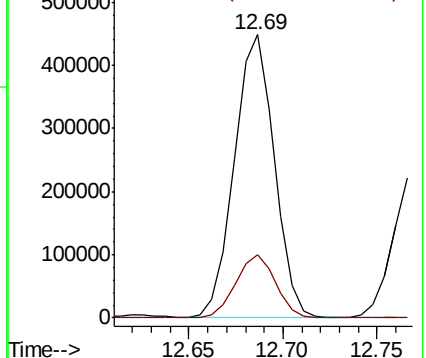
91 100

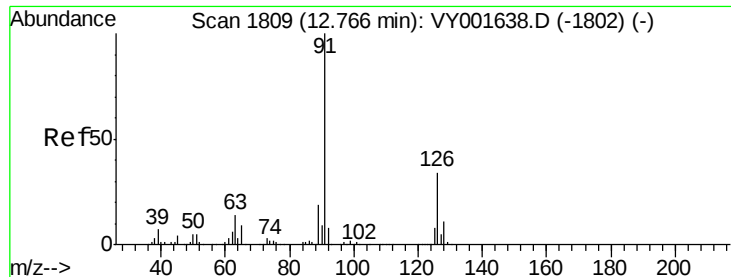
120 22.2 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

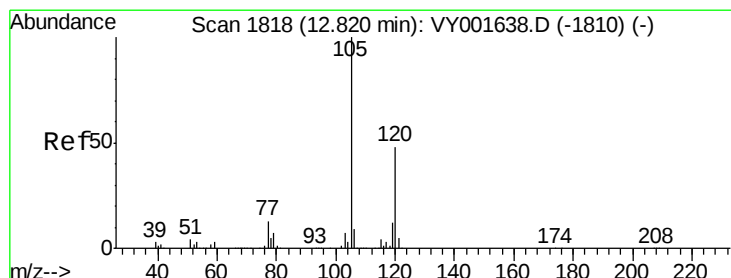
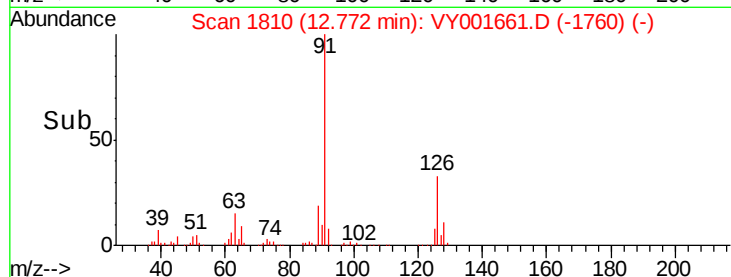
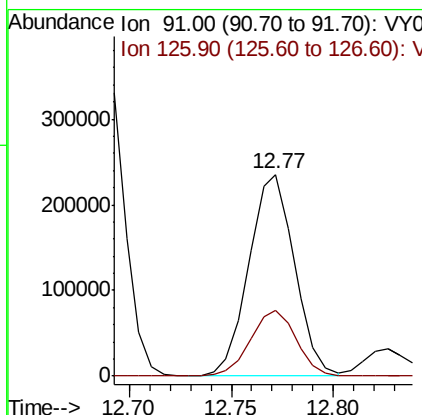
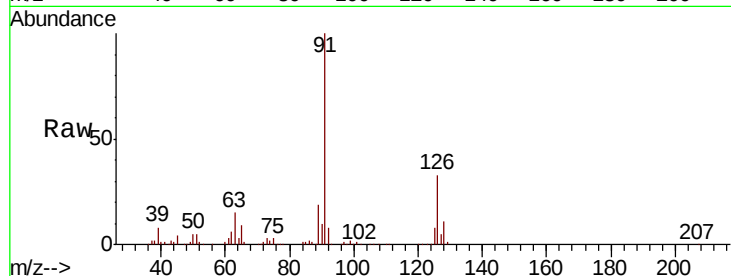




#79
 2-Chlorotoluene
 Concen: 50.074 ug/l
 RT: 12.77 min Scan# 1810
 Delta R.T. 0.01 min
 Lab File: VY001661.D
 Acq: 17 Feb 2020 20:48

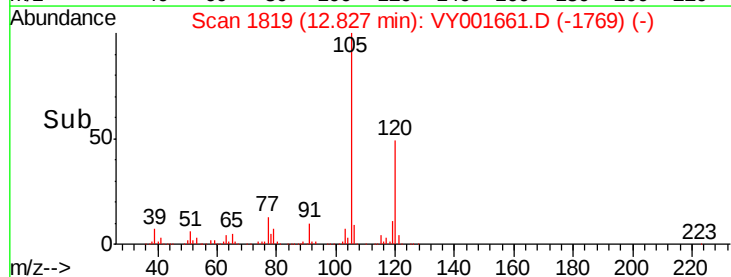
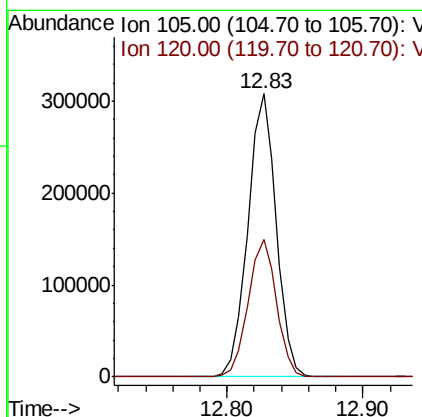
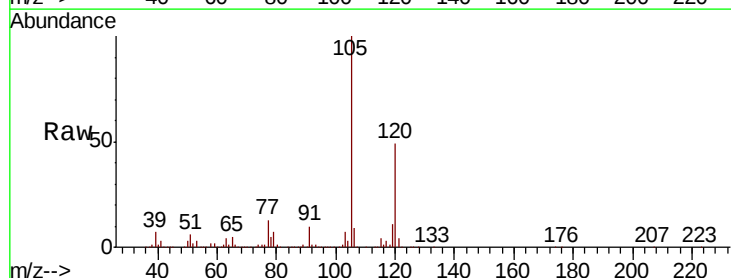
Instrument :
 MSVOA_Y
 ClientSampleId :

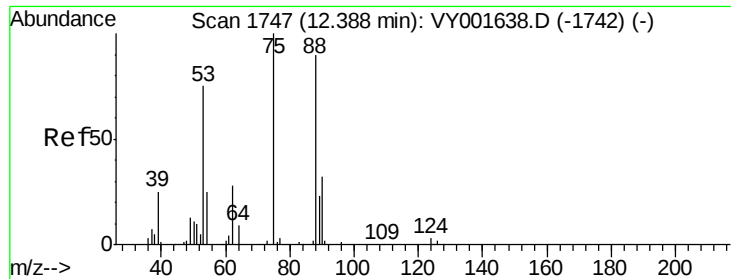
Tot Ion: 91 Resp: 366642
 Ion Ratio Lower Upper
 91 100
 126 32.8 16.2 48.6



#80
 1,3,5-Trimethylbenzene
 Concen: 50.524 ug/l
 RT: 12.83 min Scan# 1819
 Delta R.T. 0.01 min
 Lab File: VY001661.D
 Acq: 17 Feb 2020 20:48

Tgt Ion: 105 Resp: 448308
 Ion Ratio Lower Upper
 105 100
 120 48.5 24.3 72.9





#81

trans-1,4-Dichloro-2-butene

Concen: 49.238 ug/l

RT: 12.39 min Scan# 1748

Delta R.T. 0.01 min

Lab File: VY001661.D

Acq: 17 Feb 2020 20:48

Instrument :

MSVOA_Y

ClientSampleId :

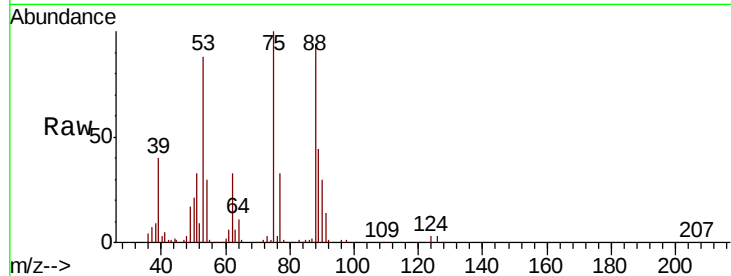
Tot Ion: 75 Resp: 41890

Ion Ratio Lower Upper

75 100

53 85.9 64.5 96.7

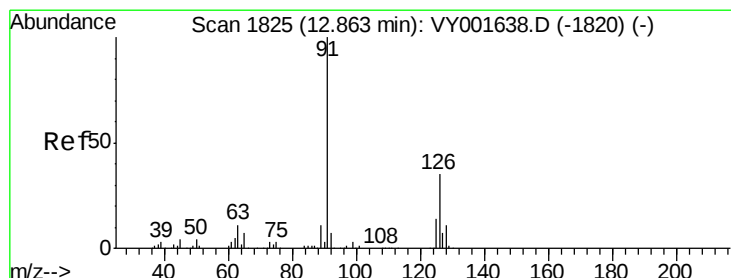
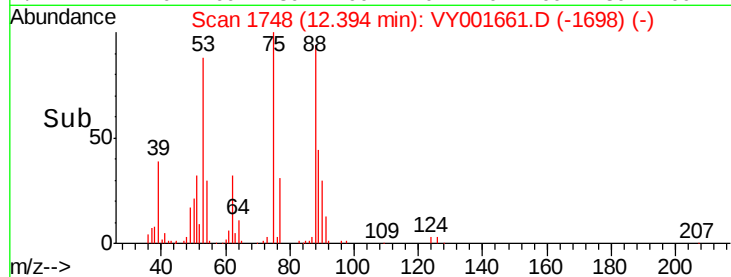
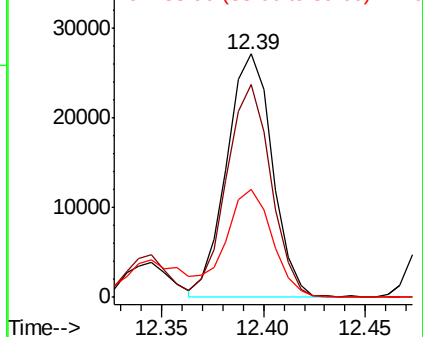
89 46.6 36.3 54.5



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: 50.686 ug/l

RT: 12.87 min Scan# 1826

Delta R.T. 0.01 min

Lab File: VY001661.D

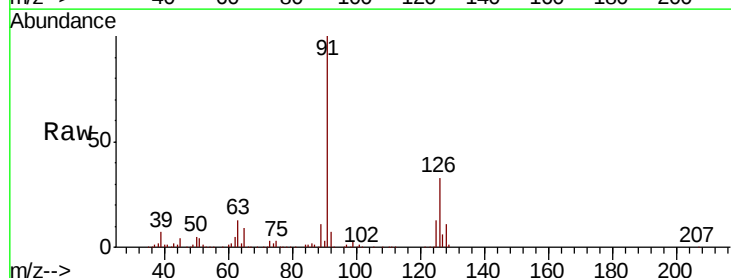
Acq: 17 Feb 2020 20:48

Tgt Ion: 91 Resp: 391426

Ion Ratio Lower Upper

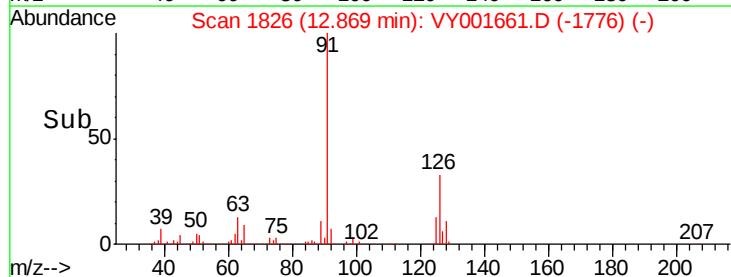
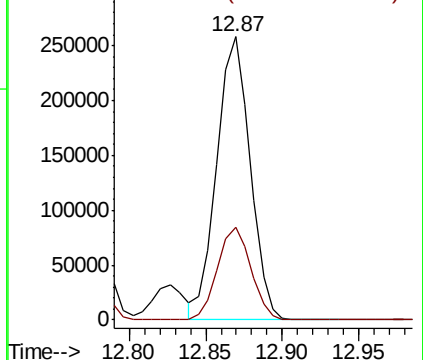
91 100

126 32.8 16.2 48.6



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V

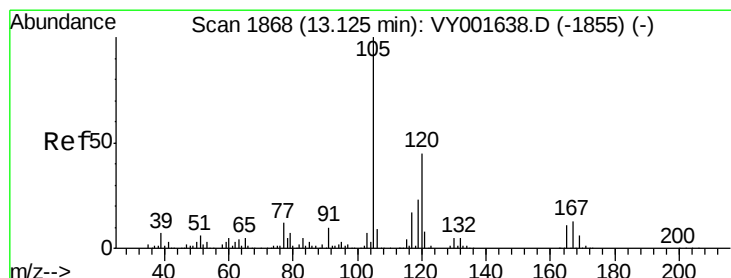
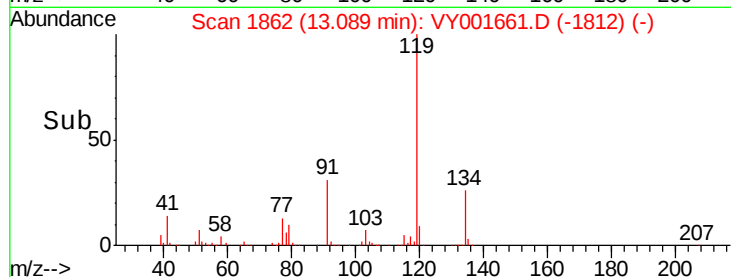
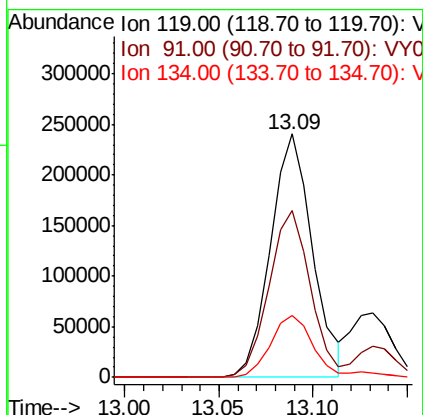
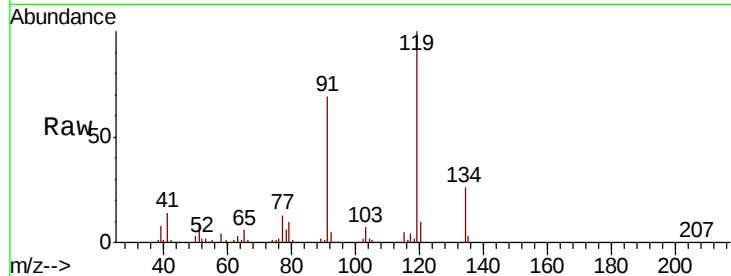




#83
tert-Butylbenzene
Concen: 50.062 ug/l
RT: 13.09 min Scan# 1862
Delta R.T. 0.01 min
Lab File: VY001661.D
Acq: 17 Feb 2020 20:48

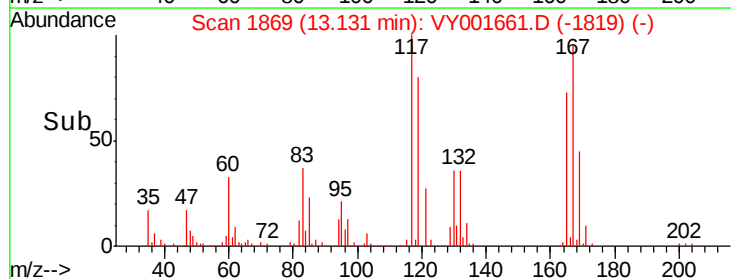
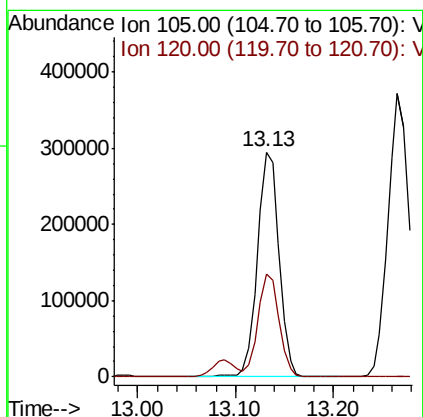
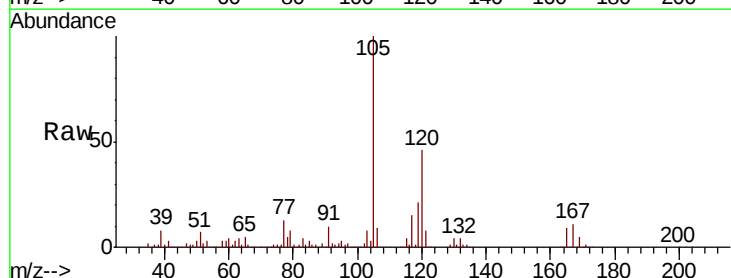
Instrument :
MSVOA_Y
ClientSampleId :

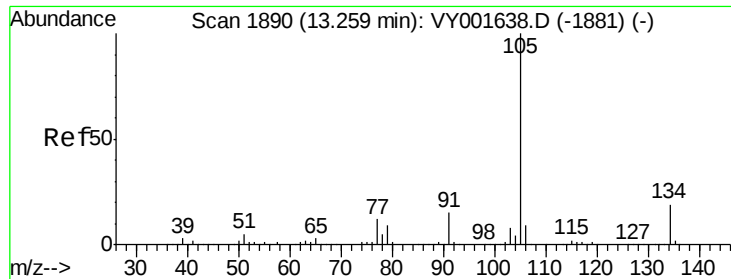
Tot Ion:119 Resp: 371520
Ion Ratio Lower Upper
119 100
91 67.4 33.5 100.5
134 26.8 13.3 39.8



#84
1,2,4-Trimethylbenzene
Concen: 50.947 ug/l
RT: 13.13 min Scan# 1869
Delta R.T. 0.01 min
Lab File: VY001661.D
Acq: 17 Feb 2020 20:48

Tgt Ion:105 Resp: 450684
Ion Ratio Lower Upper
105 100
120 44.7 22.4 67.3





#85

sec-Butylbenzene

Concen: 50.562 ug/l

RT: 13.27 min Scan# 1891

Delta R.T. 0.01 min

Lab File: VY001661.D

Acq: 17 Feb 2020 20:48

Instrument :

MSVOA_Y

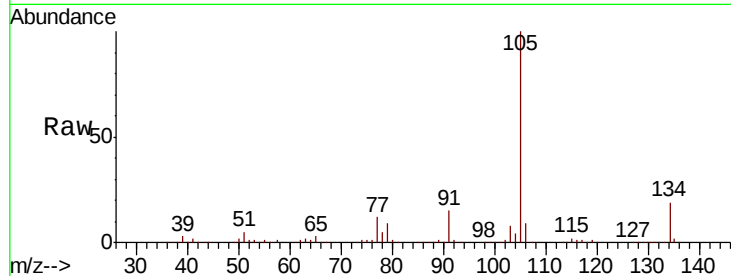
ClientSampleId :

Tot Ion:105 Resp: 551856

Ion Ratio Lower Upper

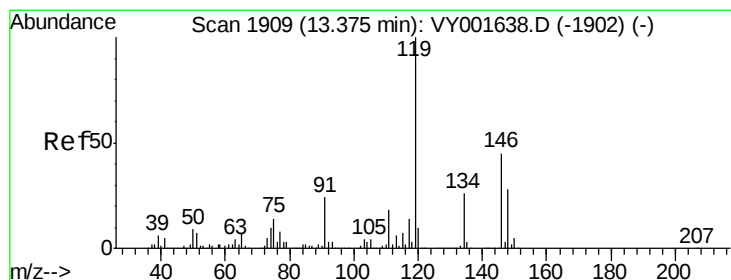
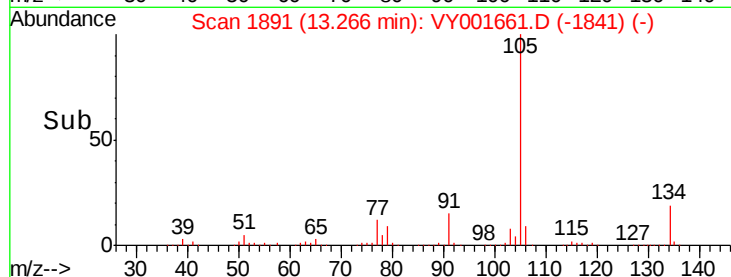
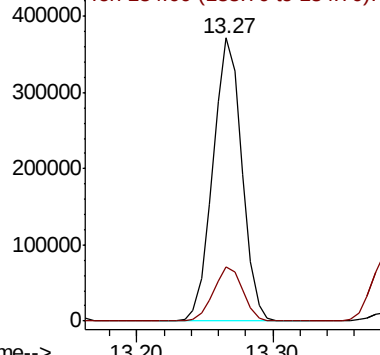
105 100

134 19.4 9.8 29.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 50.163 ug/l

RT: 13.38 min Scan# 1910

Delta R.T. 0.01 min

Lab File: VY001661.D

Acq: 17 Feb 2020 20:48

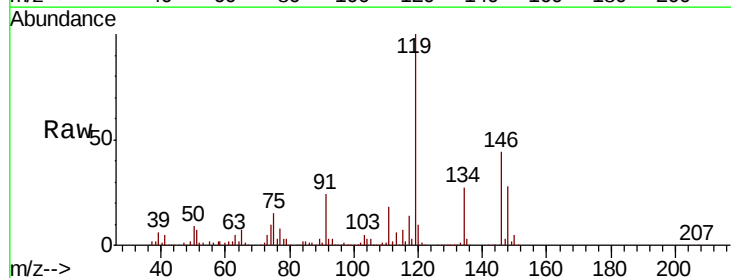
Tgt Ion:119 Resp: 475639

Ion Ratio Lower Upper

119 100

134 26.6 13.0 39.0

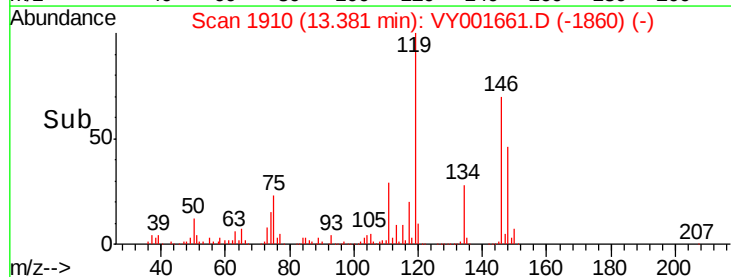
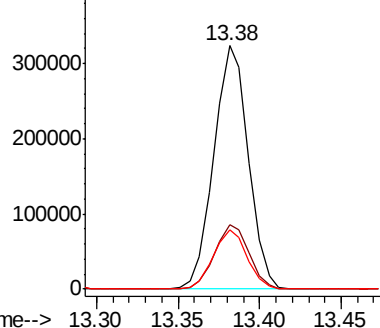
91 23.9 12.2 36.6

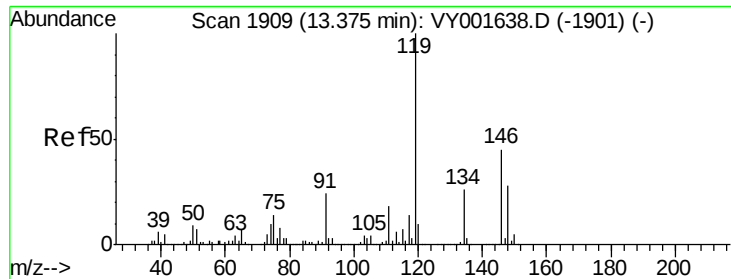


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

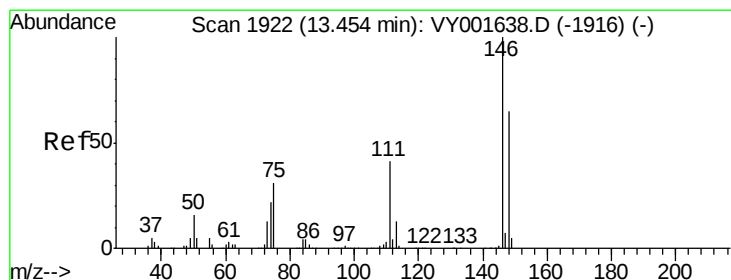
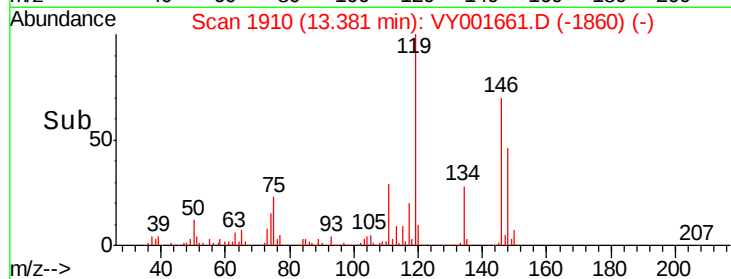
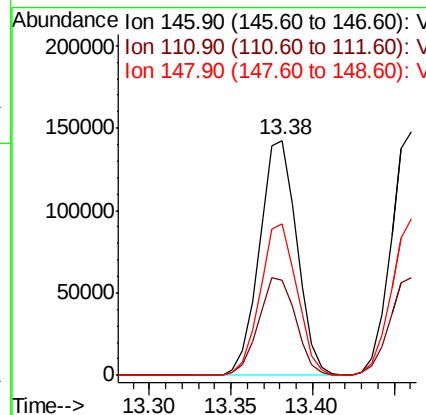
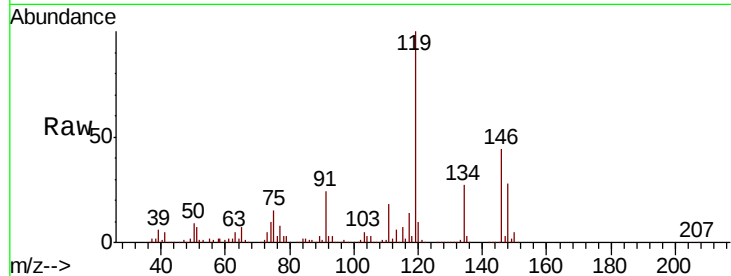




#87
 1,3-Dichlorobenzene
 Concen: 50.459 ug/l
 RT: 13.38 min Scan# 1910
 Delta R.T. 0.01 min
 Lab File: VY001661.D
 Acq: 17 Feb 2020 20:48

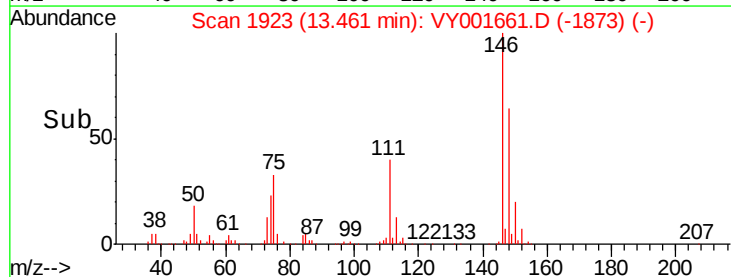
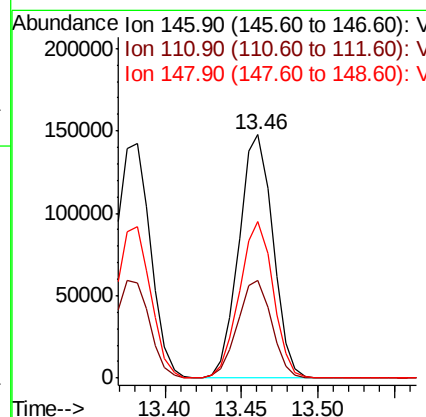
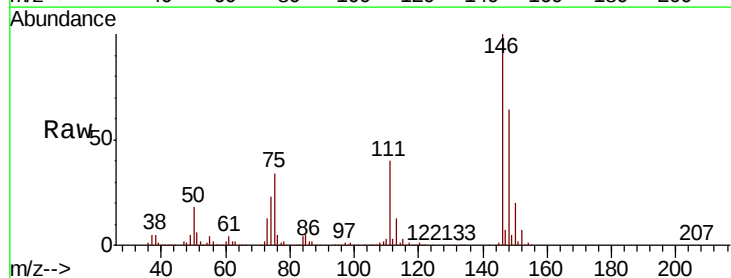
Instrument :
 MSVOA_Y
 ClientSampleId :

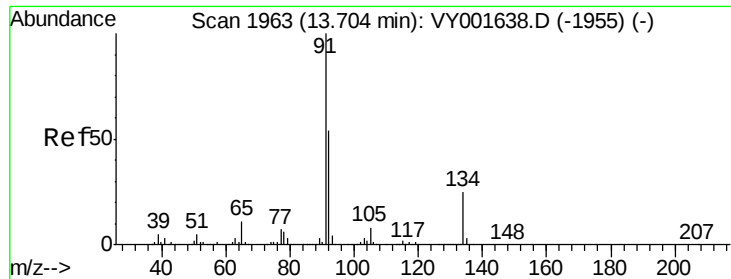
Tot Ion:146 Resp: 227399
 Ion Ratio Lower Upper
 146 100
 111 41.5 21.4 64.3
 148 63.6 31.6 94.7



#88
 1,4-Dichlorobenzene
 Concen: 50.224 ug/l
 RT: 13.46 min Scan# 1923
 Delta R.T. 0.01 min
 Lab File: VY001661.D
 Acq: 17 Feb 2020 20:48

Tgt Ion:146 Resp: 228791
 Ion Ratio Lower Upper
 146 100
 111 40.3 20.4 61.3
 148 63.8 31.6 94.7

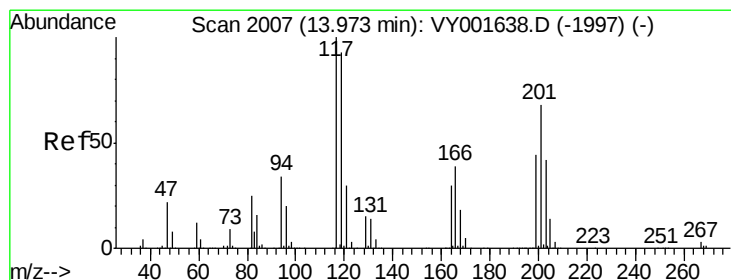
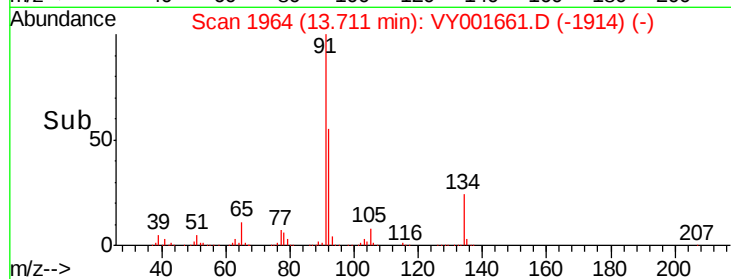
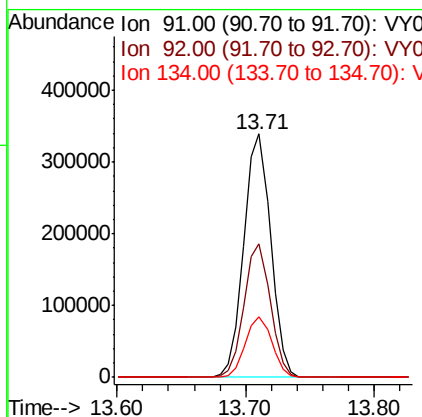
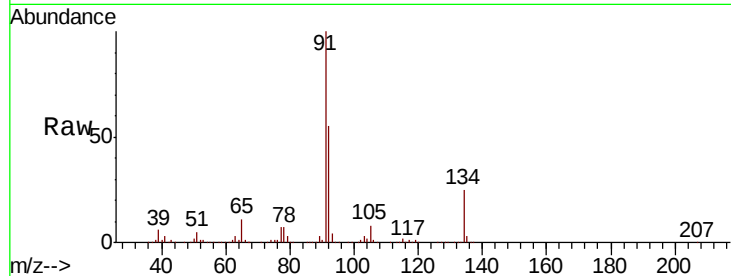




#89
n-Butylbenzene
Concen: 50.210 ug/l
RT: 13.71 min Scan# 1964
Delta R.T. 0.01 min
Lab File: VY001661.D
Acq: 17 Feb 2020 20:48

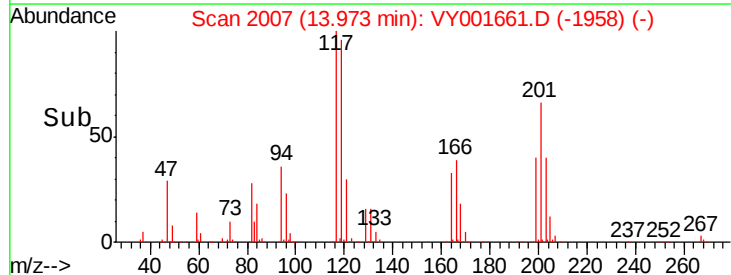
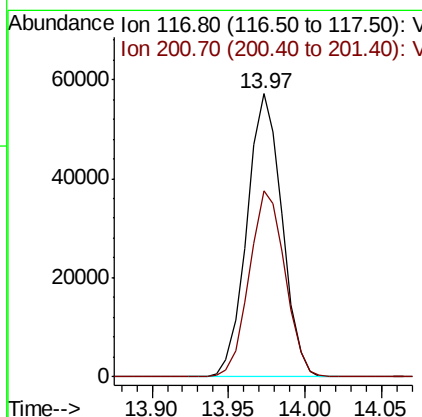
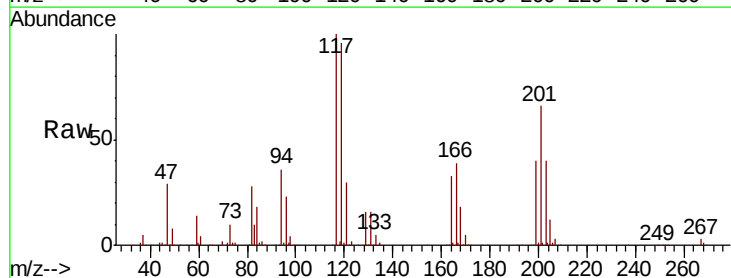
Instrument :
MSVOA_Y
ClientSampleId :

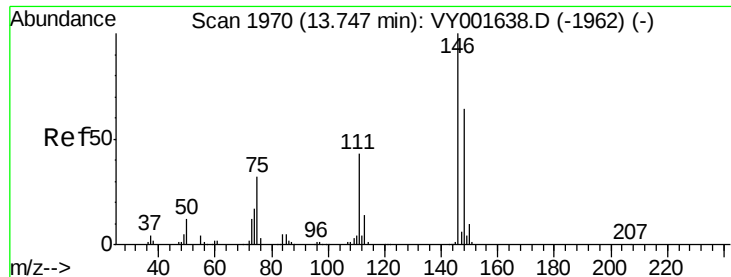
Tot Ion: 91 Resp: 486465
Ion Ratio Lower Upper
91 100
92 53.7 27.5 82.4
134 24.8 12.4 37.4



#90
Hexachloroethane
Concen: 50.919 ug/l
RT: 13.97 min Scan# 2007
Delta R.T. 0.00 min
Lab File: VY001661.D
Acq: 17 Feb 2020 20:48

Tgt Ion: 117 Resp: 90965
Ion Ratio Lower Upper
117 100
201 67.1 32.5 97.4





#91

1,2-Dichlorobenzene

Concen: 50.745 ug/l

RT: 13.75 min Scan# 1971

Delta R.T. 0.01 min

Lab File: VY001661.D

Acq: 17 Feb 2020 20:48

Instrument :

MSVOA_Y

ClientSampleId :

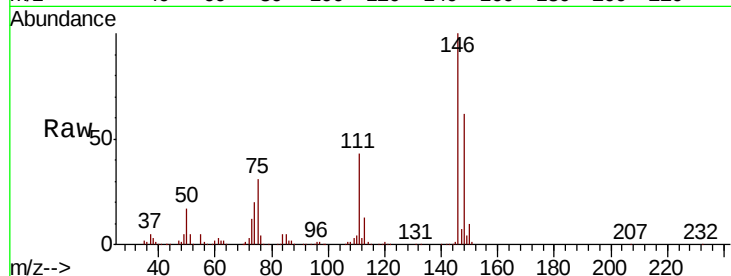
Tot Ion:146 Resp: 211043

Ion Ratio Lower Upper

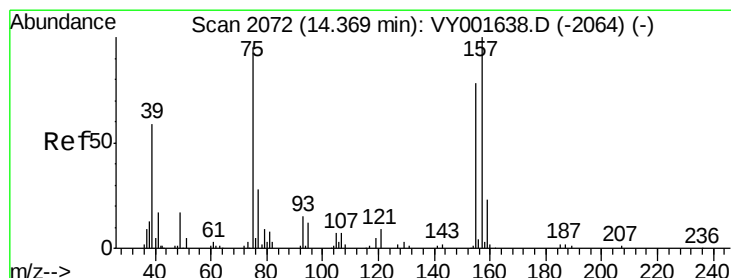
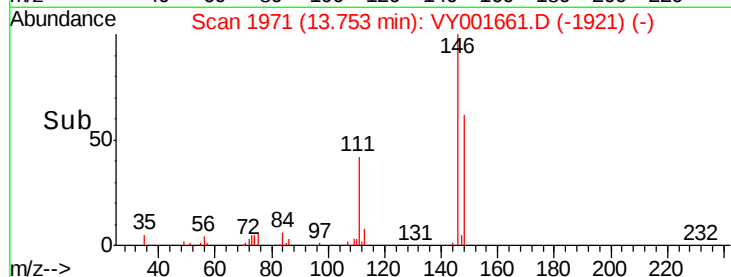
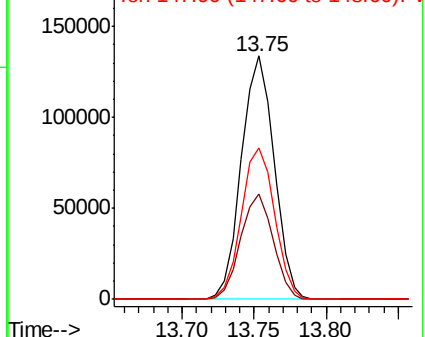
146 100

111 43.0 21.9 65.7

148 63.4 31.5 94.5



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 50.055 ug/l

RT: 14.38 min Scan# 2073

Delta R.T. 0.01 min

Lab File: VY001661.D

Acq: 17 Feb 2020 20:48

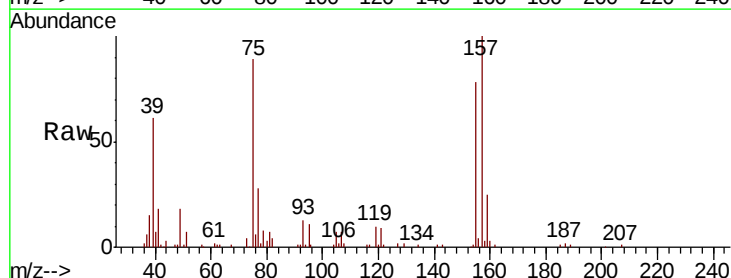
Tgt Ion: 75 Resp: 18907

Ion Ratio Lower Upper

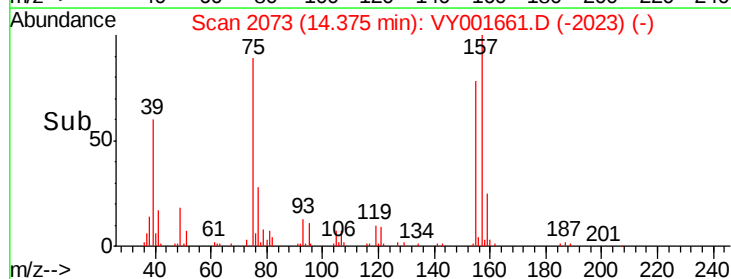
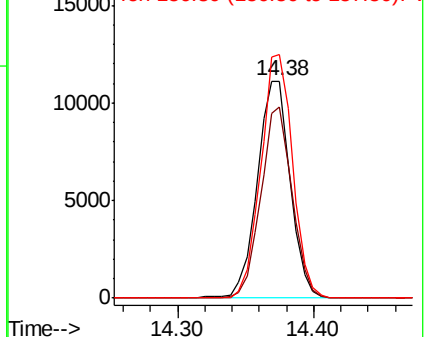
75 100

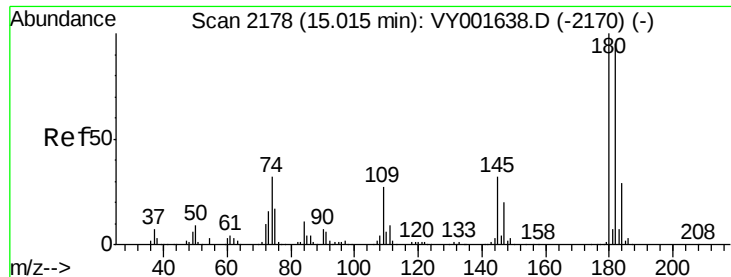
155 83.7 40.8 122.4

157 108.1 52.1 156.4



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

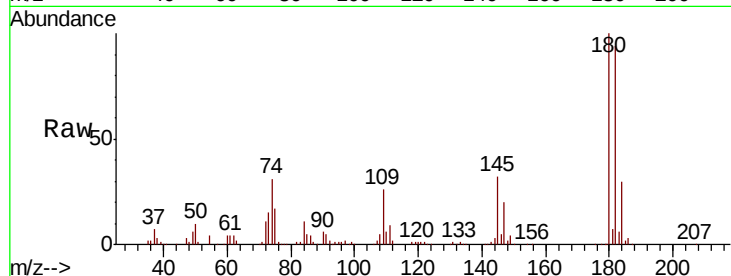




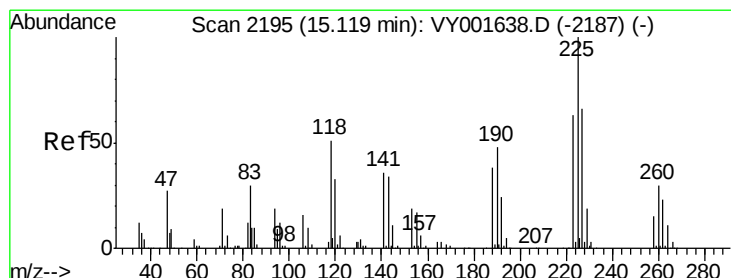
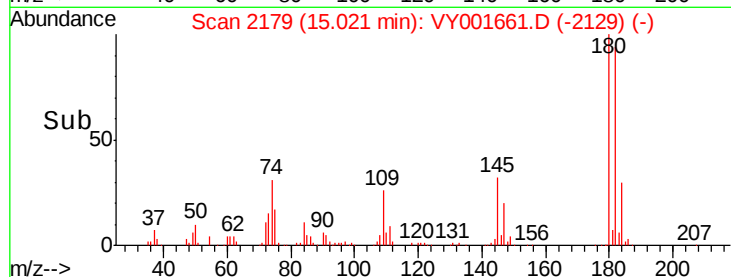
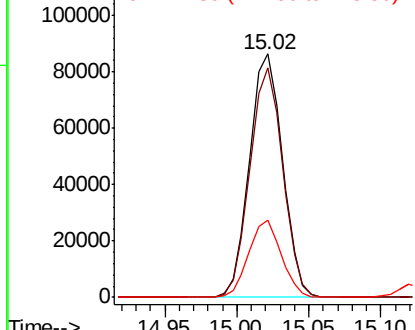
#93
1,2,4-Trichlorobenzene
Concen: 49.610 ug/l
RT: 15.02 min Scan# 2179
Delta R.T. 0.01 min
Lab File: VY001661.D
Acq: 17 Feb 2020 20:48

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:180 Resp: 136728
Ion Ratio Lower Upper
180 100
182 93.9 46.8 140.3
145 31.4 16.2 48.5

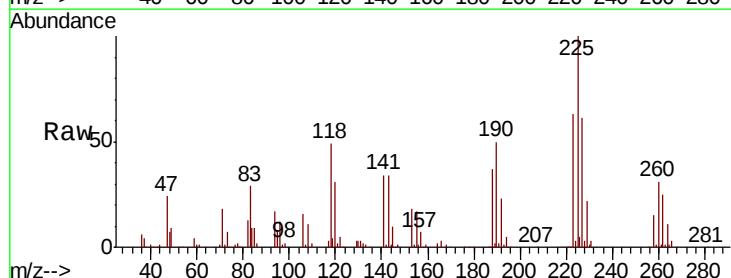


Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V

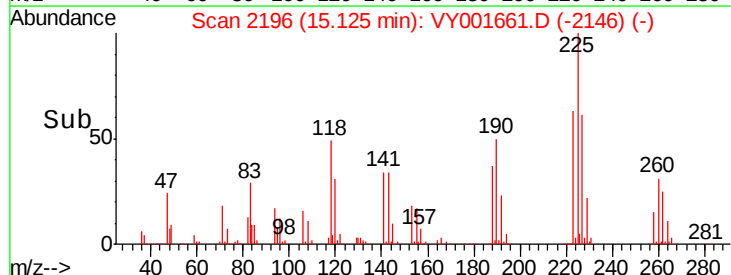
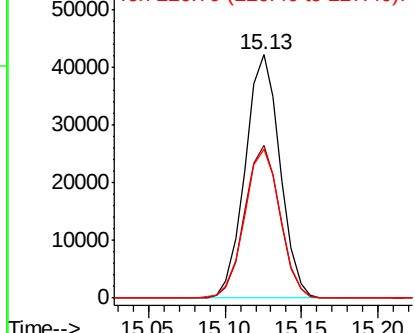


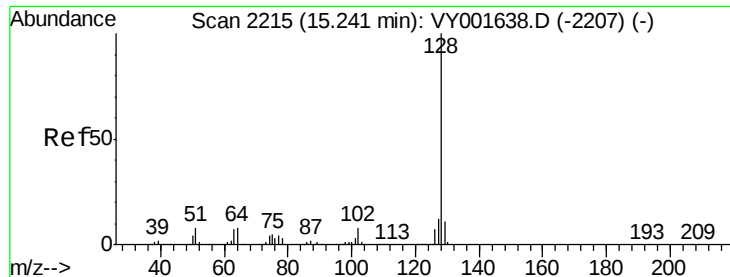
#94
Hexachlorobutadiene
Concen: 48.536 ug/l
RT: 15.13 min Scan# 2196
Delta R.T. 0.01 min
Lab File: VY001661.D
Acq: 17 Feb 2020 20:48

Tgt Ion:225 Resp: 66525
Ion Ratio Lower Upper
225 100
223 63.0 31.4 94.0
227 62.7 31.6 94.8



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V

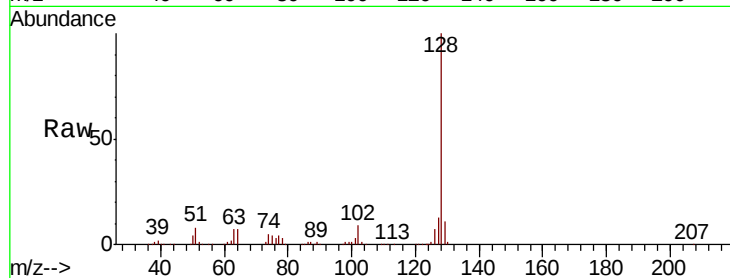




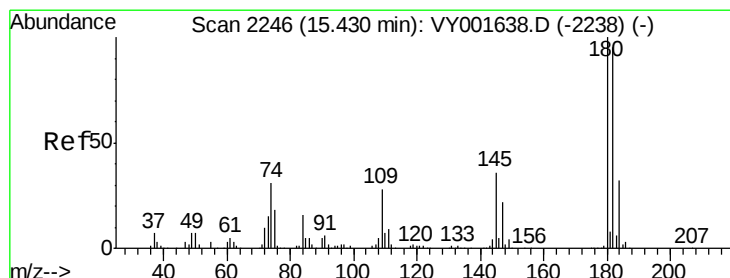
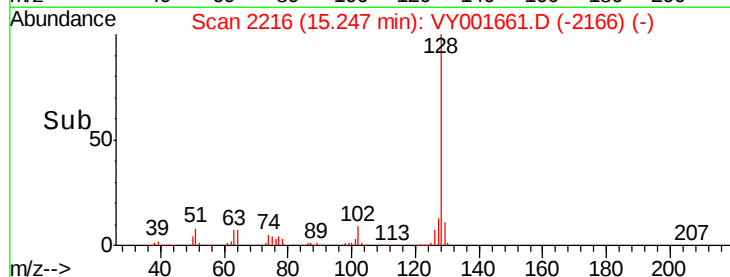
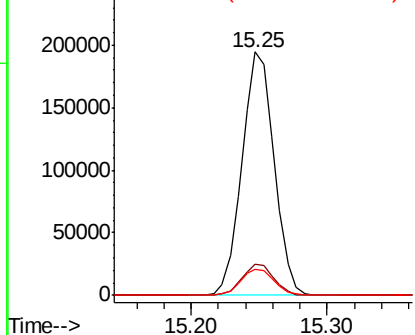
#95
Naphthalene
Concen: 50.590 ug/l
RT: 15.25 min Scan# 2216
Delta R.T. 0.01 min
Lab File: VY001661.D
Acq: 17 Feb 2020 20:48

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:128 Resp: 321481
Ion Ratio Lower Upper
128 100
127 12.6 9.9 14.9
129 11.1 8.6 13.0

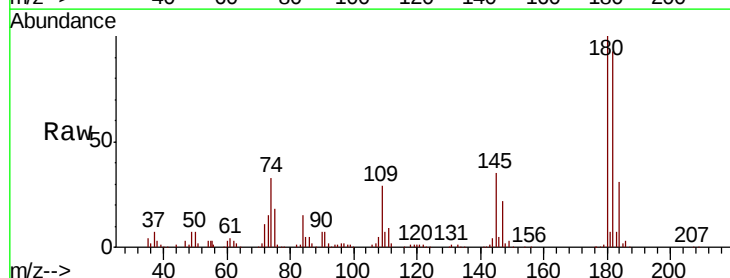


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 49.696 ug/l
RT: 15.44 min Scan# 2247
Delta R.T. 0.01 min
Lab File: VY001661.D
Acq: 17 Feb 2020 20:48

Tgt Ion:180 Resp: 120497
Ion Ratio Lower Upper
180 100
182 93.8 47.2 141.6
145 34.4 17.3 52.0



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

