

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY032620\
 Data File : VY002092.D
 Acq On : 26 Mar 2020 18:18
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Mar 27 07:14:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y032620S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 07:11:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	166451	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	308129	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	279111	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	129984	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.16	65	88866	48.29	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	96.58%	
35) Dibromofluoromethane	7.74	113	83025	48.09	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	96.18%	
50) Toluene-d8	10.19	98	337163	47.01	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	94.02%	
62) 4-Bromofluorobenzene	12.49	95	120545	48.06	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	96.12%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	52906	49.385	ug/l	99
3) Chloromethane	2.12	50	87103	44.778	ug/l	99
4) Vinyl Chloride	2.26	62	94034	47.532	ug/l	100
5) Bromomethane	2.66	94	64834	50.217	ug/l	99
6) Chloroethane	2.81	64	63148	49.711	ug/l	96
7) Trichlorofluoromethane	3.15	101	133654	49.300	ug/l	100
8) Diethyl Ether	3.55	74	59737	52.024	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.92	101	89549	50.346	ug/l	97
10) Methyl Iodide	4.11	142	111041	52.501	ug/l	99
11) Tert butyl alcohol	4.98	59	52637	242.744	ug/l	100
12) 1,1-Dichloroethene	3.90	96	91280	50.539	ug/l	98
13) Acrolein	3.75	56	74191	273.749	ug/l	98
14) Allyl chloride	4.50	41	168331	50.910	ug/l	99
15) Acrylonitrile	5.19	53	161053	267.597	ug/l	100
16) Acetone	3.97	43	120397	232.892	ug/l	98
17) Carbon Disulfide	4.22	76	302432	50.456	ug/l	99
18) Methyl Acetate	4.50	43	68768	51.227	ug/l	98
19) Methyl tert-butyl Ether	5.25	73	268065	53.203	ug/l	100
20) Methylene Chloride	4.74	84	109290	51.183	ug/l	98
21) trans-1,2-Dichloroethene	5.25	96	105768	51.432	ug/l	99
22) Diisopropyl ether	6.15	45	351601	51.962	ug/l	92
23) Vinyl Acetate	6.09	43	1172145	264.171	ug/l	98
24) 1,1-Dichloroethane	6.05	63	184872	51.386	ug/l	98
25) 2-Butanone	7.01	43	202665	255.309	ug/l	99
26) 2,2-Dichloropropane	7.01	77	148287	50.045	ug/l	100
27) cis-1,2-Dichloroethene	7.01	96	116876	51.661	ug/l	100
28) Bromochloromethane	7.36	49	83629	50.916	ug/l	99
29) Tetrahydrofuran	7.37	42	139094	267.259	ug/l	99
30) Chloroform	7.53	83	178028	52.206	ug/l	98
31) Cyclohexane	7.80	56	186396	48.622	ug/l	98
32) 1,1,1-Trichloroethane	7.72	97	147708	51.878	ug/l	98
36) 1,1-Dichloropropene	7.94	75	145923	50.068	ug/l	100
37) Ethyl Acetate	7.10	43	91414	51.903	ug/l	99
38) Carbon Tetrachloride	7.92	117	127026	51.372	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.20	83	194296	50.824	ug/l	99
40) Benzene	8.18	78	439171	50.871	ug/l	99
41) Methacrylonitrile	7.37	41	122506	137.512	ug/l #	100
42) 1,2-Dichloroethane	8.25	62	118325	51.625	ug/l	100
43) Isopropyl Acetate	8.29	43	171421	52.440	ug/l	99
44) Trichloroethene	8.96	130	106875	51.357	ug/l	99
45) 1,2-Dichloropropane	9.23	63	112638	51.242	ug/l	100
46) Dibromomethane	9.32	93	58692	51.991	ug/l	100
47) Bromodichloromethane	9.51	83	137633	52.372	ug/l	100
48) Methyl methacrylate	9.31	41	76981	52.551	ug/l	100
49) 1,4-Dioxane	9.31	88	16994	1097.022	ug/l	89
51) 4-Methyl-2-Pentanone	10.08	43	444988	264.367	ug/l	98
52) Toluene	10.25	92	266944	51.124	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	154608	53.005	ug/l	100
54) cis-1,3-Dichloropropene	9.94	75	180532	52.568	ug/l	97
55) 1,1,2-Trichloroethane	10.66	97	86796	51.949	ug/l	95
56) Ethyl methacrylate	10.52	69	132824	54.429	ug/l	98
57) 1,3-Dichloropropane	10.80	76	155361	52.630	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.80	63	319959	255.163	ug/l	100
59) 2-Hexanone	10.84	43	311975	263.116	ug/l	99
60) Dibromochloromethane	10.99	129	93784	53.642	ug/l	100
61) 1,2-Dibromoethane	11.10	107	82821	52.960	ug/l	98
64) Tetrachloroethene	10.73	164	85210	49.899	ug/l	95
65) Chlorobenzene	11.52	112	278636	51.717	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.60	131	93566	51.910	ug/l	100
67) Ethyl Benzene	11.60	91	514979	51.465	ug/l	99
68) m/p-Xylenes	11.71	106	383670	103.701	ug/l	99
69) o-Xylene	12.03	106	182968	52.133	ug/l	98
70) Styrene	12.05	104	318299	52.339	ug/l	99
71) Bromoform	12.22	173	53026	53.712	ug/l #	98
73) Isopropylbenzene	12.34	105	487076	50.514	ug/l	100
74) N-amyl acetate	12.15	43	158806	52.220	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.59	83	109378	52.715	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	139878	96.203	ug/l #	100
77) Bromobenzene	12.61	156	105839	51.419	ug/l	99
78) n-propylbenzene	12.68	91	605882	50.634	ug/l	100
79) 2-Chlorotoluene	12.76	91	336028	51.146	ug/l	100
80) 1,3,5-Trimethylbenzene	12.82	105	406974	51.158	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.39	75	41189	54.882	ug/l	97
82) 4-Chlorotoluene	12.86	91	351278	50.739	ug/l	99
83) tert-Butylbenzene	13.08	119	344322	51.853	ug/l	100
84) 1,2,4-Trimethylbenzene	13.13	105	406299	51.189	ug/l	99
85) sec-Butylbenzene	13.26	105	500497	50.887	ug/l	100
86) p-Isopropyltoluene	13.38	119	434310	51.421	ug/l	99
87) 1,3-Dichlorobenzene	13.37	146	204910	50.887	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	206660	51.001	ug/l	100
89) n-Butylbenzene	13.70	91	446303	50.715	ug/l	100
90) Hexachloroethane	13.97	117	82070	51.567	ug/l	97
91) 1,2-Dichlorobenzene	13.75	146	189054	50.840	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	18089	54.425	ug/l	96

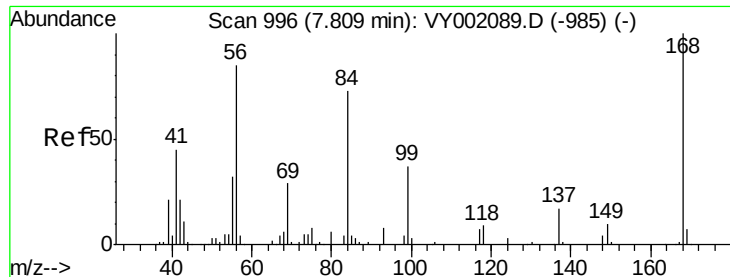
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY032620\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	122760	51.218	ug/l	99
94) Hexachlorobutadiene	15.12	225	58197	49.190	ug/l	99
95) Naphthalene	15.24	128	303006	53.226	ug/l	99
96) 1,2,3-Trichlorobenzene	15.43	180	110421	50.803	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. 0.00 min

Lab File: VY002092.D

Acq: 26 Mar 2020 18:18

Instrument :

MSVOA_Y

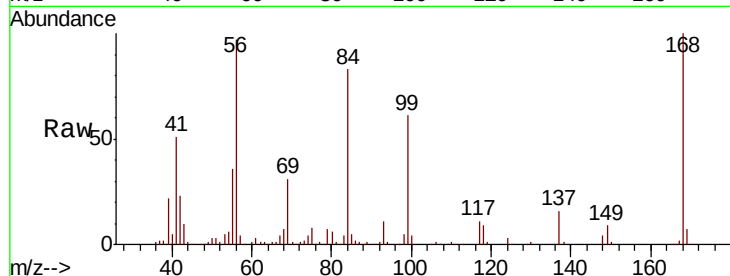
ClientSampleId :

Tot Ion:168 Resp: 166451

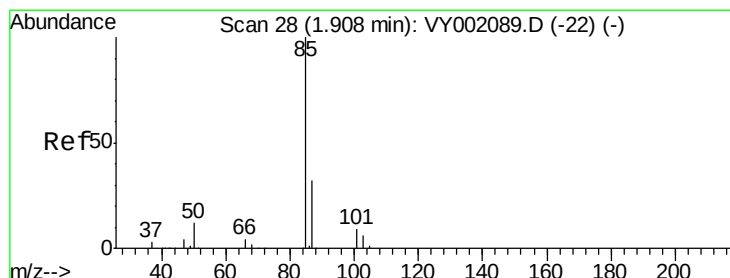
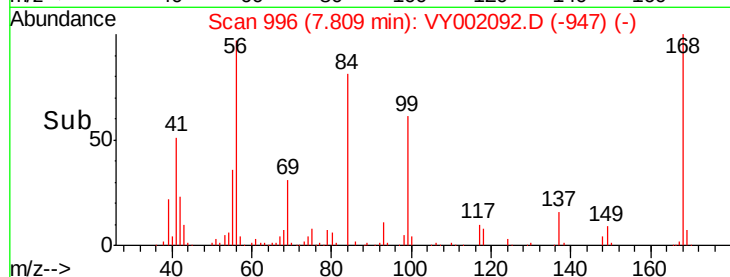
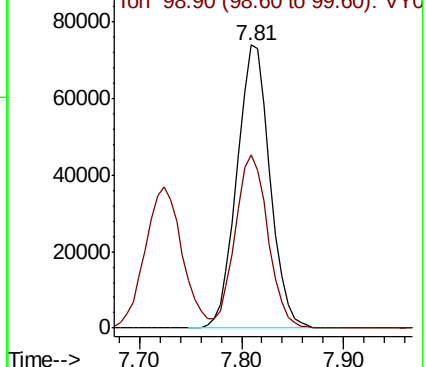
Ion Ratio Lower Upper

168 100

99 61.1 47.6 71.4



Abundance Ion 167.90 (167.60 to 168.60): VY002089.D (-985) (-)



#2

Dichlorodifluoromethane

Concen: 49.385 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.00 min

Lab File: VY002092.D

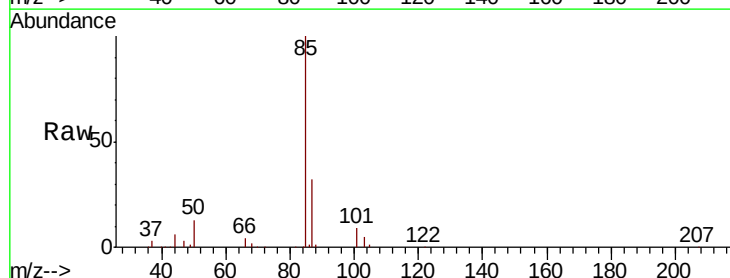
Acq: 26 Mar 2020 18:18

Tgt Ion: 85 Resp: 52906

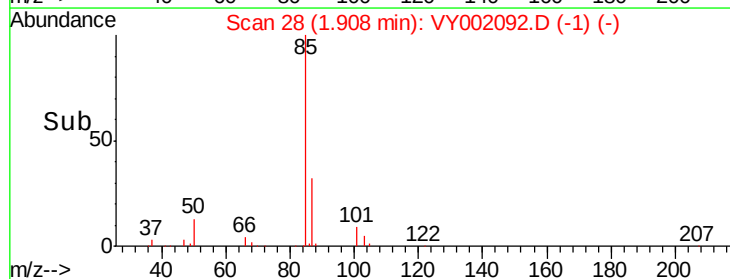
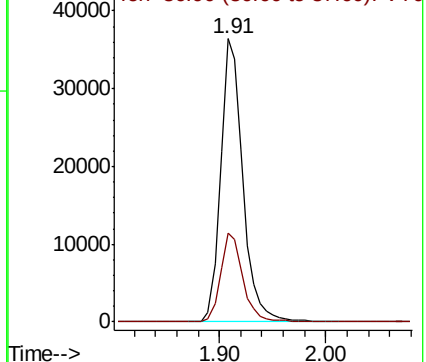
Ion Ratio Lower Upper

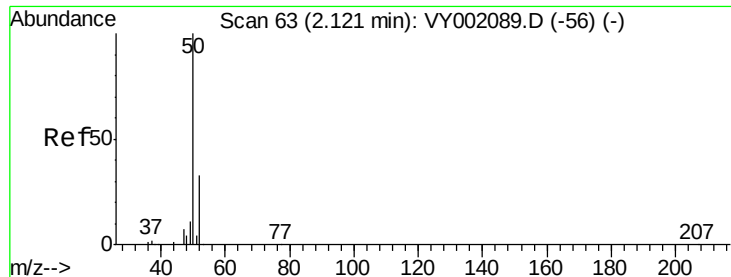
85 100

87 31.6 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VY002089.D (-22) (-)





#3

Chloromethane

Concen: 44.778 ug/l

RT: 2.12 min Scan# 63

Delta R.T. 0.00 min

Lab File: VY002092.D

Acq: 26 Mar 2020 18:18

Instrument :

MSVOA_Y

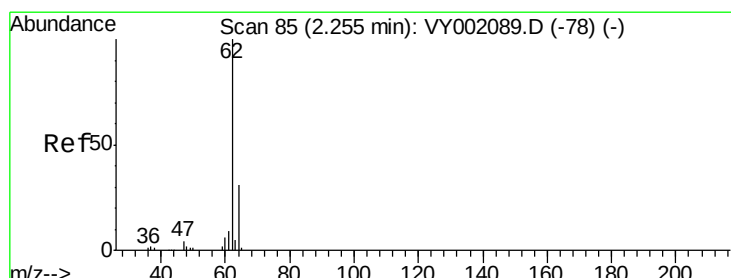
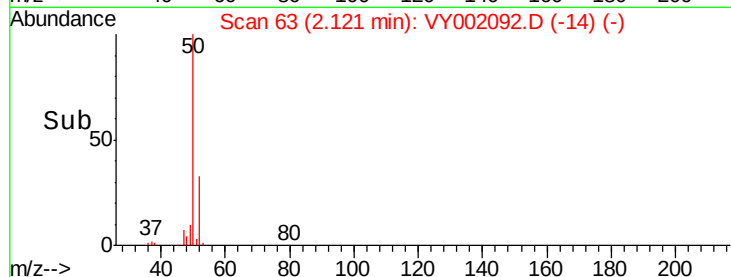
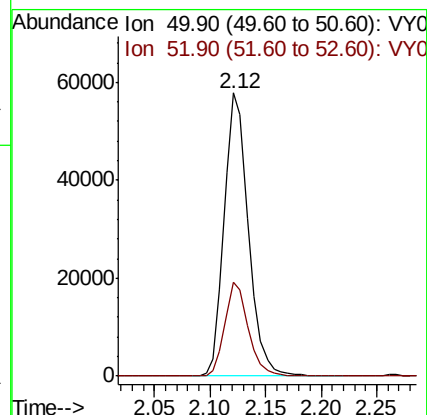
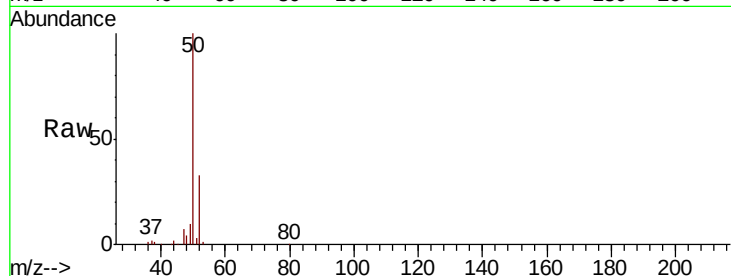
ClientSampleId :

Tot Ion: 50 Resp: 87103

Ion Ratio Lower Upper

50 100

52 33.4 26.1 39.1



#4

Vinyl Chloride

Concen: 47.532 ug/l

RT: 2.26 min Scan# 86

Delta R.T. 0.01 min

Lab File: VY002092.D

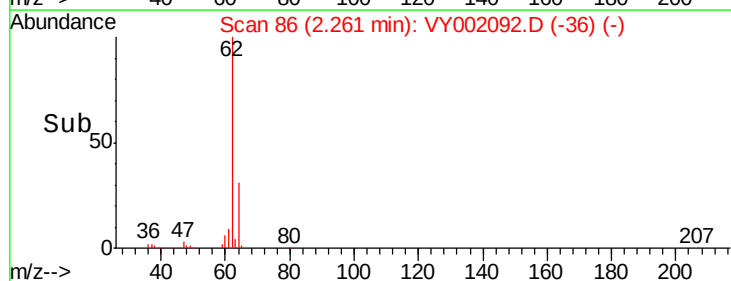
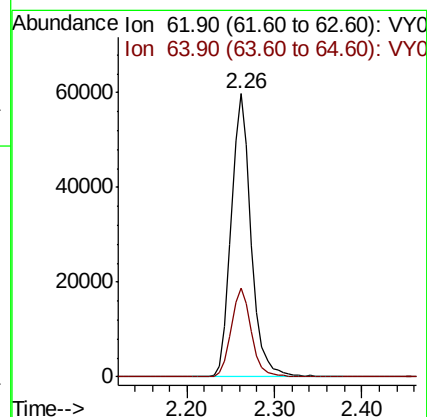
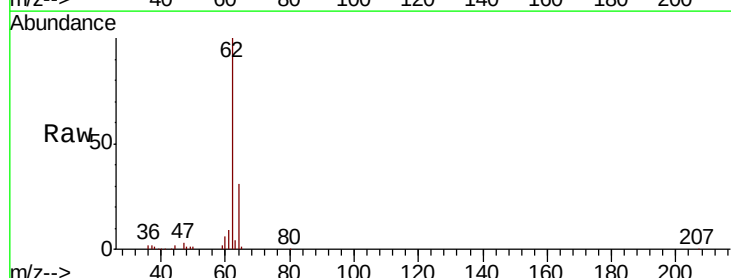
Acq: 26 Mar 2020 18:18

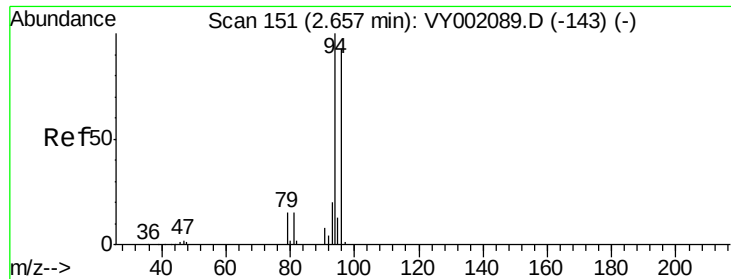
Tgt Ion: 62 Resp: 94034

Ion Ratio Lower Upper

62 100

64 31.4 25.2 37.8





#5

Bromomethane

Concen: 50.217 ug/l

RT: 2.66 min Scan# 152

Delta R.T. 0.01 min

Lab File: VY002092.D

Acq: 26 Mar 2020 18:18

Instrument :

MSVOA_Y

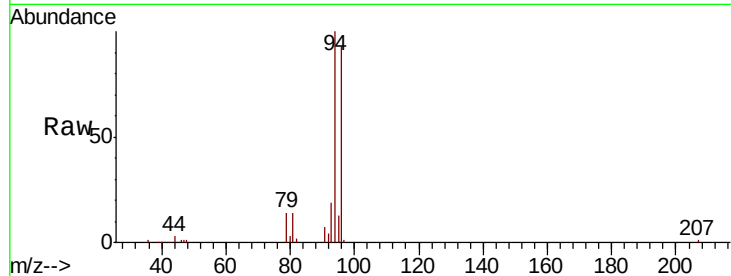
ClientSampleId :

Tot Ion: 94 Resp: 64834

Ion Ratio Lower Upper

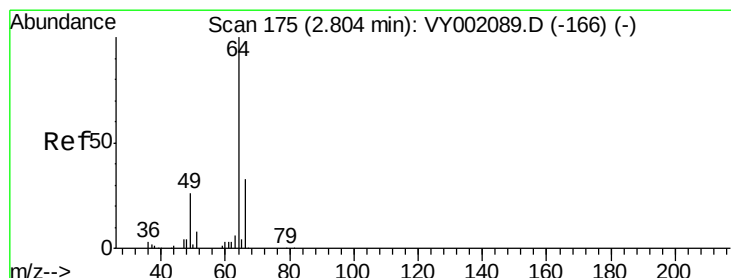
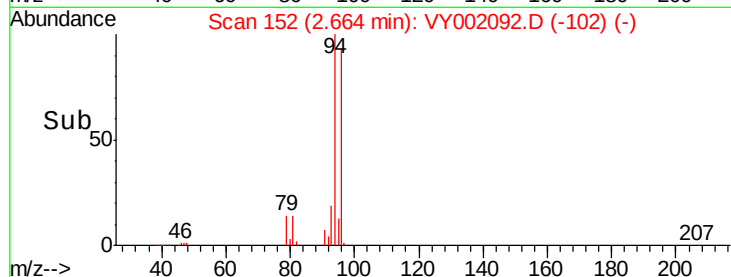
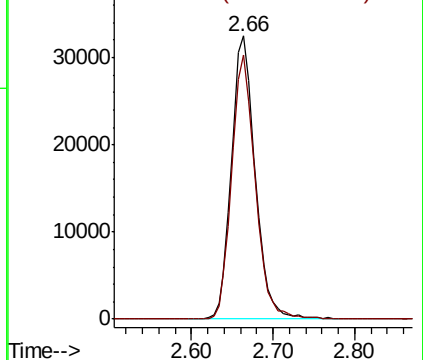
94 100

96 93.1 74.1 111.1



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 49.711 ug/l

RT: 2.81 min Scan# 176

Delta R.T. 0.01 min

Lab File: VY002092.D

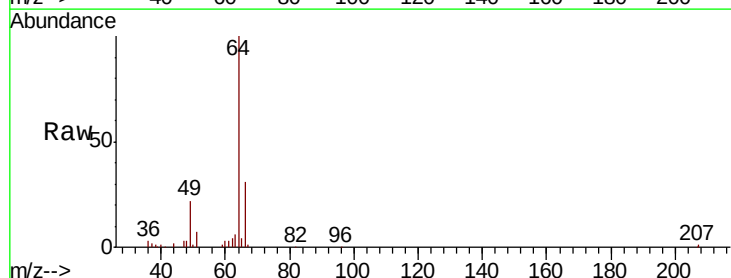
Acq: 26 Mar 2020 18:18

Tgt Ion: 64 Resp: 63148

Ion Ratio Lower Upper

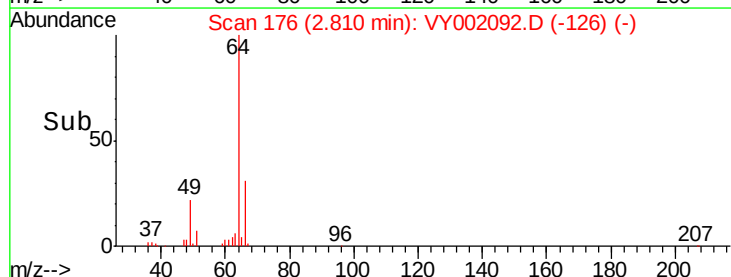
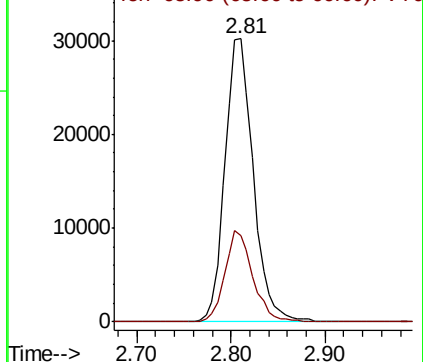
64 100

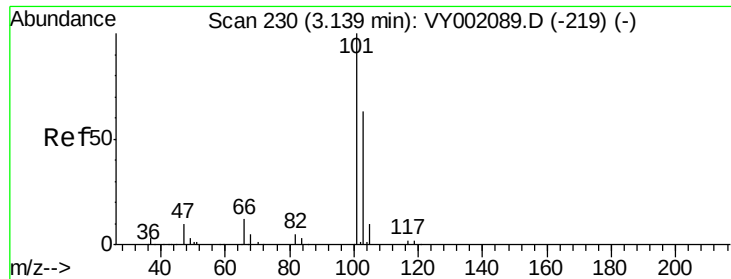
66 30.7 26.6 39.8



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



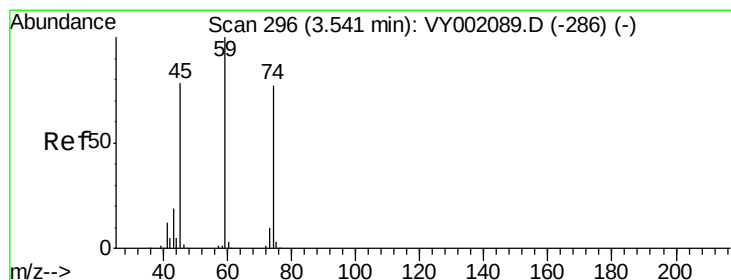
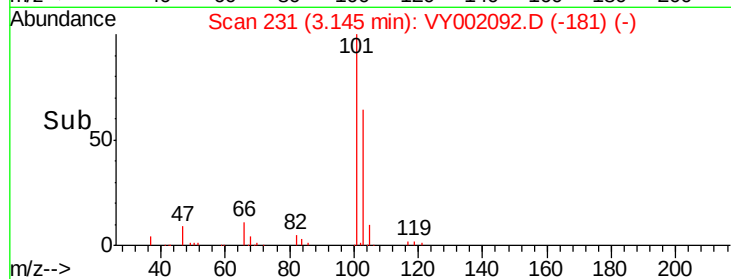
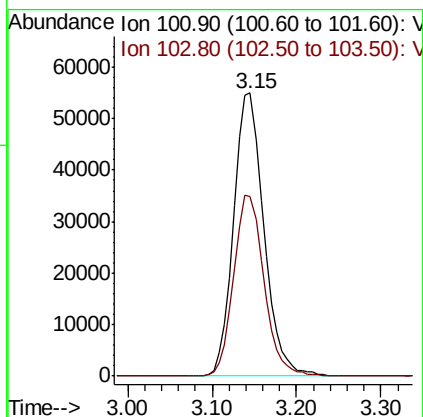
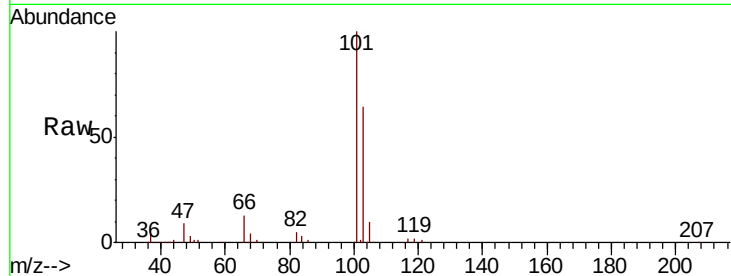


#7

Trichlorofluoromethane
 Concen: 49.300 ug/l
 RT: 3.15 min Scan# 231
 Delta R.T. 0.01 min
 Lab File: VY002092.D
 Acq: 26 Mar 2020 18:18

Instrument :
 MSVOA_Y
 ClientSampleId :

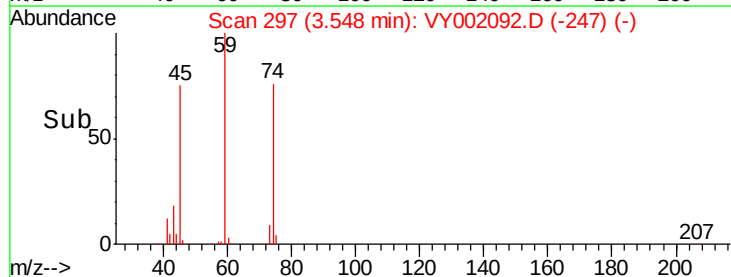
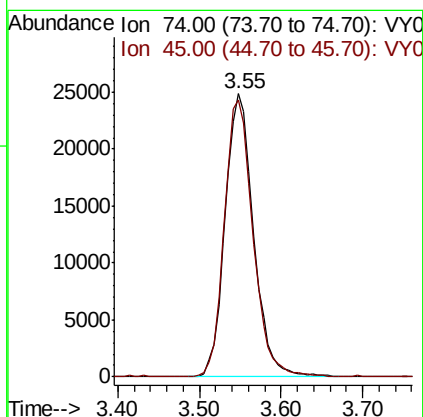
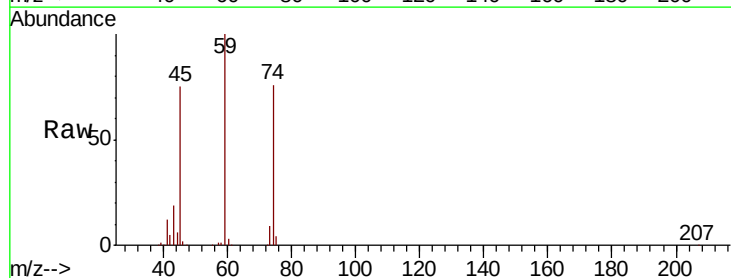
Tot Ion:101 Resp: 133654
 Ion Ratio Lower Upper
 101 100
 103 63.6 50.6 76.0

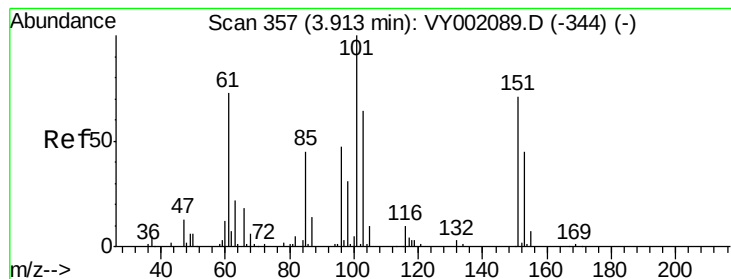


#8

Diethyl Ether
 Concen: 52.024 ug/l
 RT: 3.55 min Scan# 297
 Delta R.T. 0.01 min
 Lab File: VY002092.D
 Acq: 26 Mar 2020 18:18

Tgt Ion: 74 Resp: 59737
 Ion Ratio Lower Upper
 74 100
 45 99.0 51.0 153.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.346 ug/l

RT: 3.92 min Scan# 358

Delta R.T. 0.01 min

Lab File: VY002092.D

Acq: 26 Mar 2020 18:18

Instrument :

MSVOA_Y

ClientSampleId :

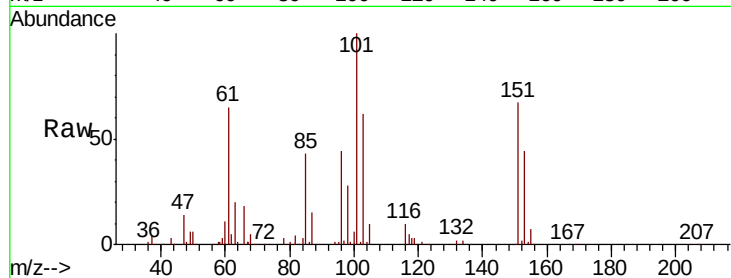
Tot Ion:101 Resp: 89549

Ion Ratio Lower Upper

101 100

85 43.4 35.9 53.9

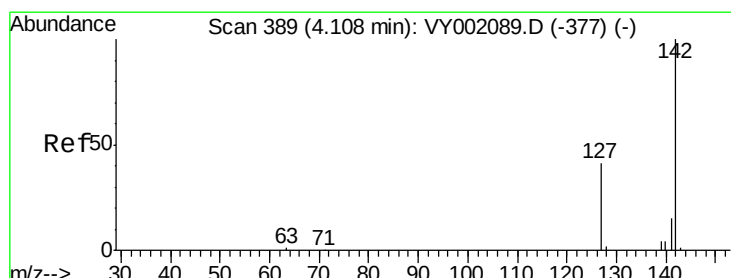
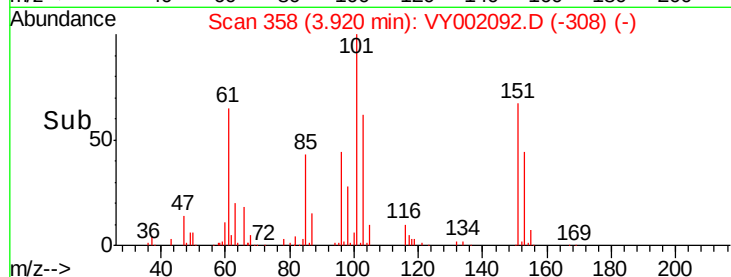
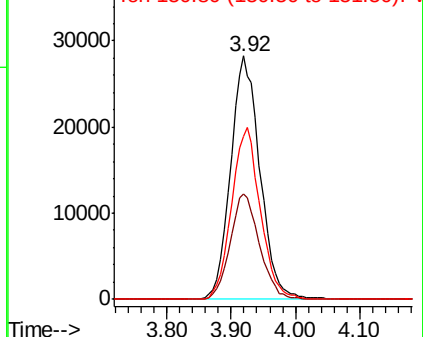
151 69.2 57.5 86.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VY0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 52.501 ug/l

RT: 4.11 min Scan# 389

Delta R.T. 0.00 min

Lab File: VY002092.D

Acq: 26 Mar 2020 18:18

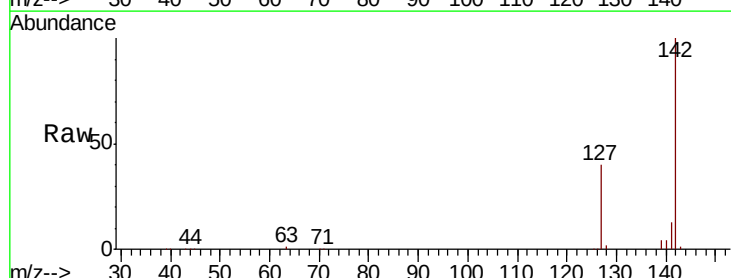
Tgt Ion:142 Resp: 111041

Ion Ratio Lower Upper

142 100

127 41.3 32.6 49.0

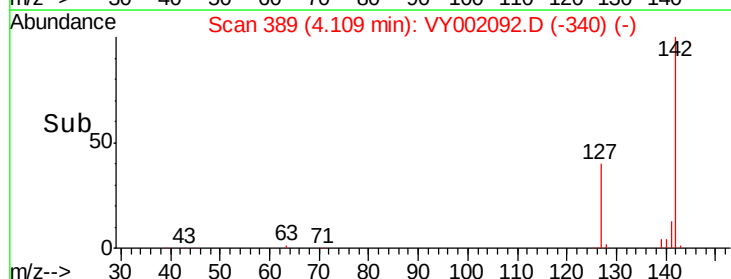
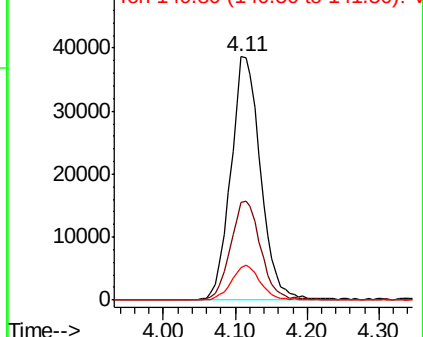
141 13.9 11.4 17.0

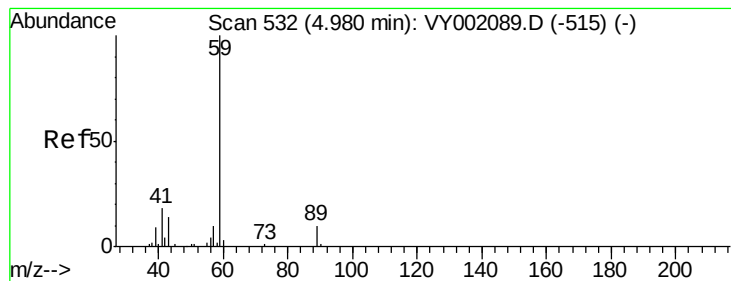


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



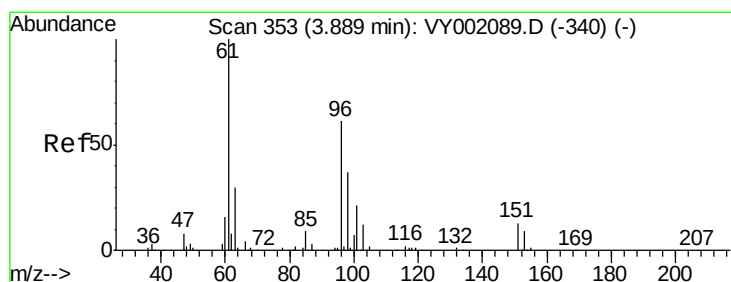
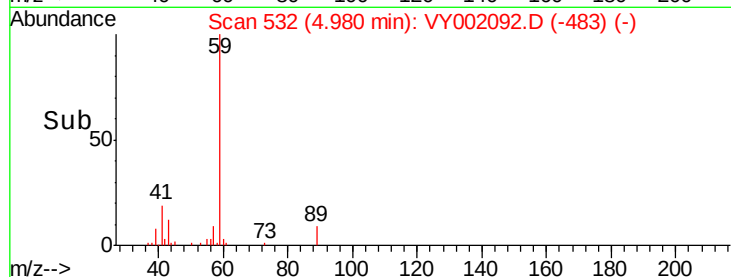
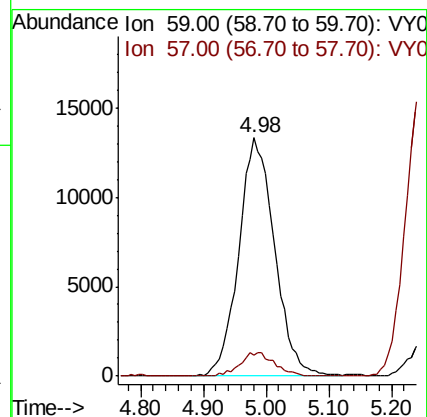
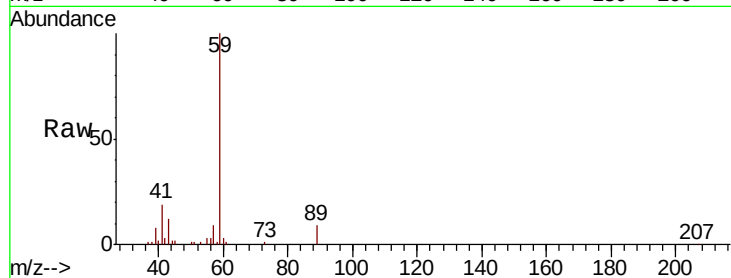


#11

Tert butyl alcohol
 Concen: 242.744 ug/l
 RT: 4.98 min Scan# 532
 Delta R.T. 0.00 min
 Lab File: VY002092.D
 Acq: 26 Mar 2020 18:18

Instrument :
 MSVOA_Y
 ClientSampleId :

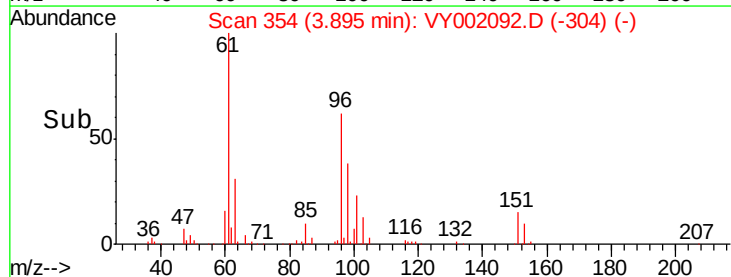
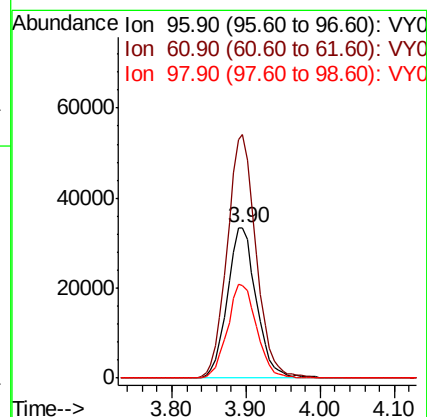
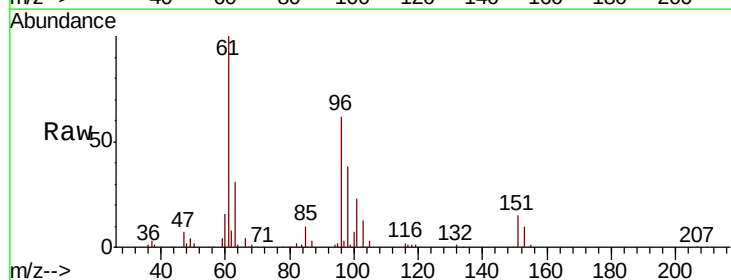
Tot Ion: 59 Resp: 52637
 Ion Ratio Lower Upper
 59 100
 57 9.6 7.7 11.5

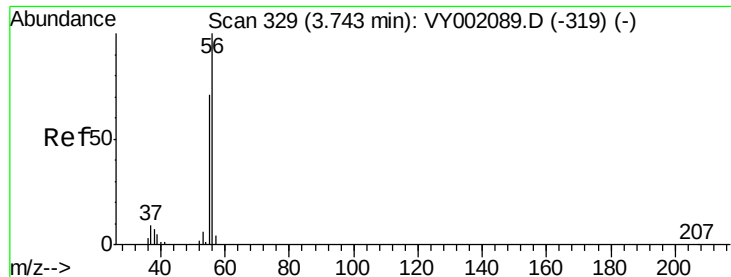


#12

1,1-Dichloroethene
 Concen: 50.539 ug/l
 RT: 3.90 min Scan# 354
 Delta R.T. 0.01 min
 Lab File: VY002092.D
 Acq: 26 Mar 2020 18:18

Tgt Ion: 96 Resp: 91280
 Ion Ratio Lower Upper
 96 100
 61 161.4 132.0 198.0
 98 61.0 49.4 74.0





#13

Acrolein

Concen: 273.749 ug/l

RT: 3.75 min Scan# 330

Delta R.T. 0.01 min

Lab File: VY002092.D

Acq: 26 Mar 2020 18:18

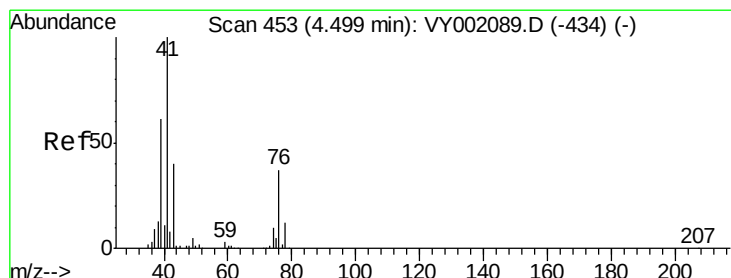
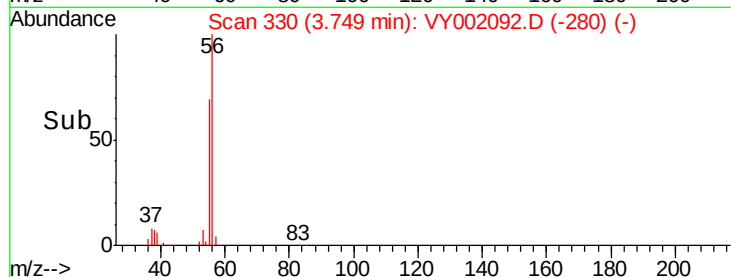
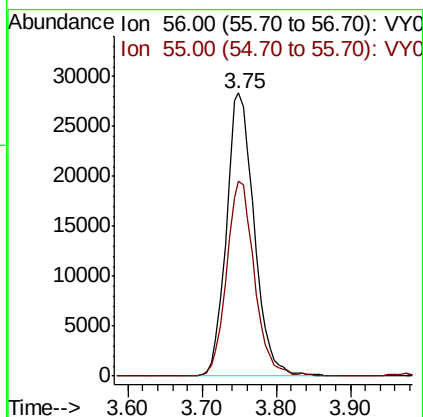
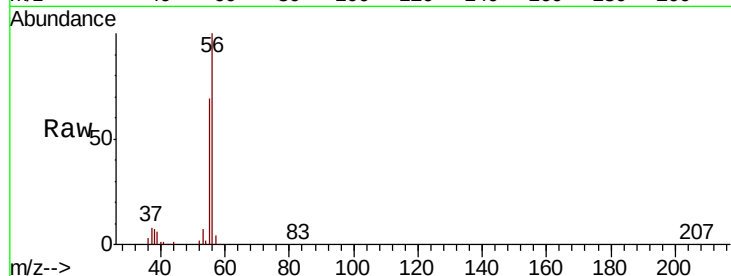
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 56 Resp: 74191

Ion Ratio Lower Upper

56 100

55 68.8 56.5 84.7



#14

Allyl chloride

Concen: 50.910 ug/l

RT: 4.50 min Scan# 454

Delta R.T. 0.01 min

Lab File: VY002092.D

Acq: 26 Mar 2020 18:18

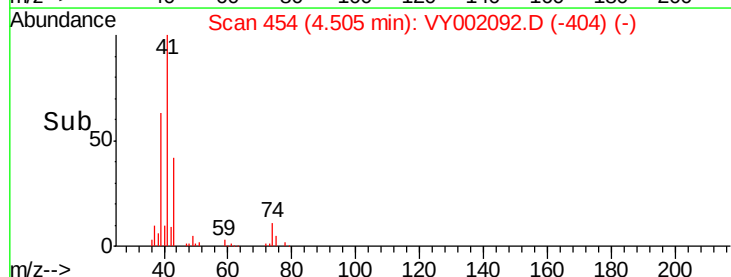
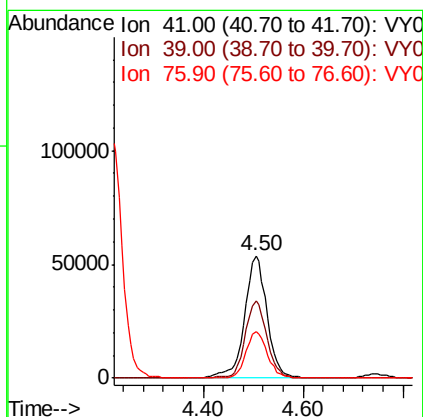
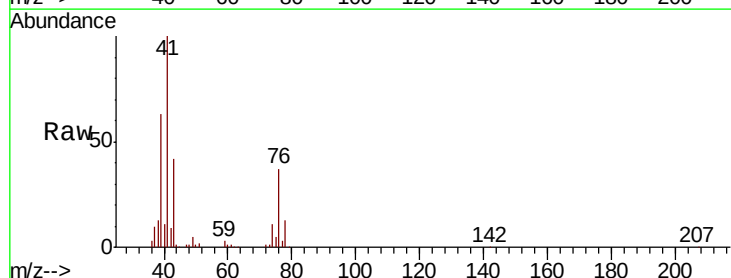
Tgt Ion: 41 Resp: 168331

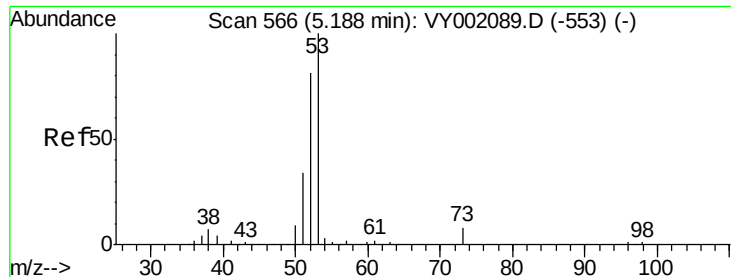
Ion Ratio Lower Upper

41 100

39 61.2 49.0 73.4

76 36.0 27.8 41.8





#15

Acrylonitrile

Concen: 267.597 ug/l

RT: 5.19 min Scan# 567

Delta R.T. 0.01 min

Lab File: VY002092.D

Acq: 26 Mar 2020 18:18

Instrument :

MSVOA_Y

ClientSampleId :

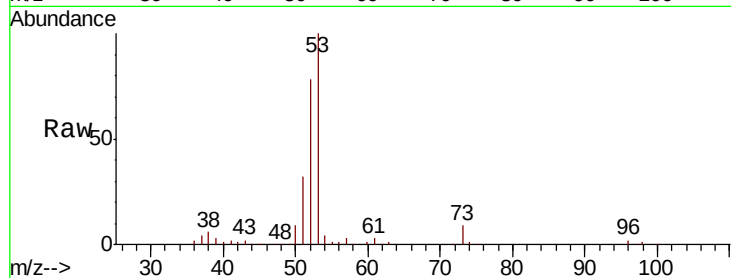
Tot Ion: 53 Resp: 161053

Ion Ratio Lower Upper

53 100

52 80.8 64.6 97.0

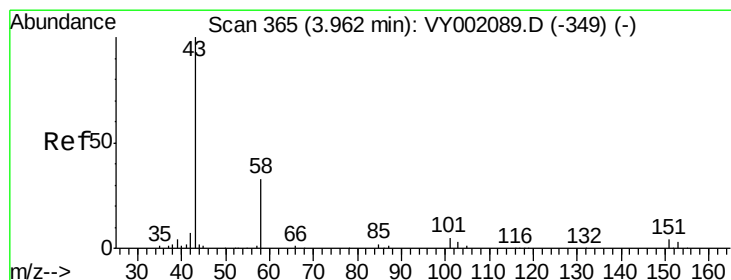
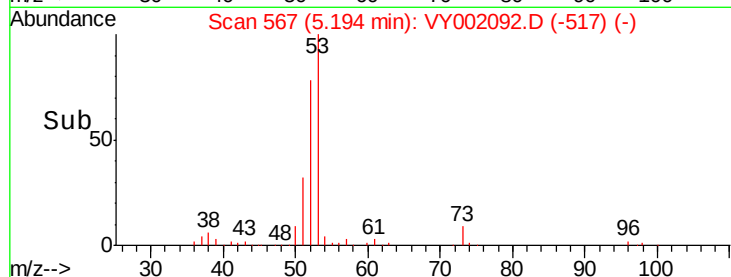
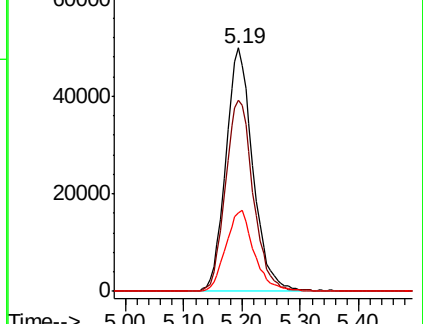
51 34.8 27.9 41.9



Abundance Ion 53.00 (52.70 to 53.70): VY002092.D (-517) (-)

Ion 52.00 (51.70 to 52.70): VY002092.D (-517) (-)

Ion 51.00 (50.70 to 51.70): VY002092.D (-517) (-)



#16

Acetone

Concen: 232.892 ug/l

RT: 3.97 min Scan# 366

Delta R.T. 0.01 min

Lab File: VY002092.D

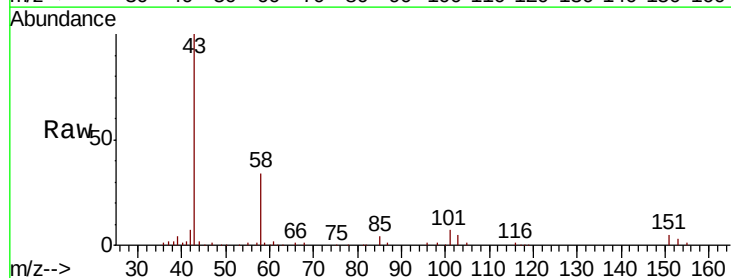
Acq: 26 Mar 2020 18:18

Tgt Ion: 43 Resp: 120397

Ion Ratio Lower Upper

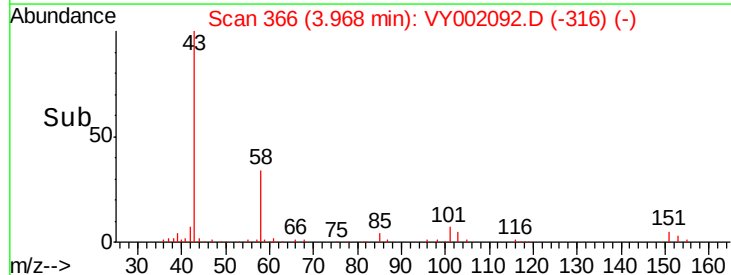
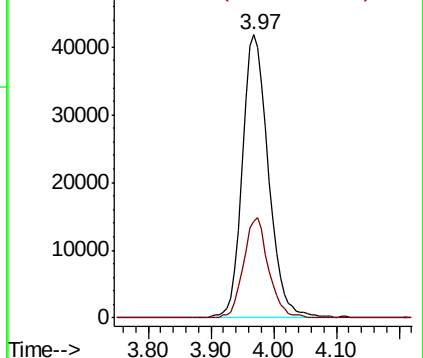
43 100

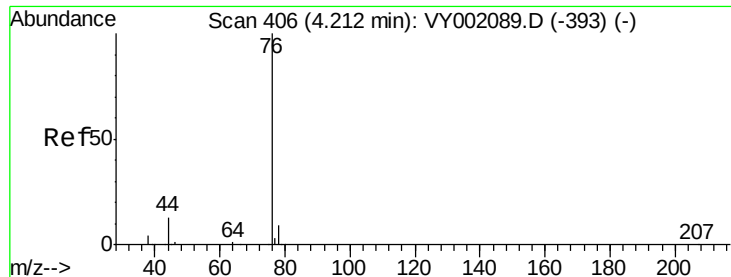
58 34.2 26.3 39.5



Abundance Ion 43.00 (42.70 to 43.70): VY002092.D (-316) (-)

Ion 58.00 (57.70 to 58.70): VY002092.D (-316) (-)

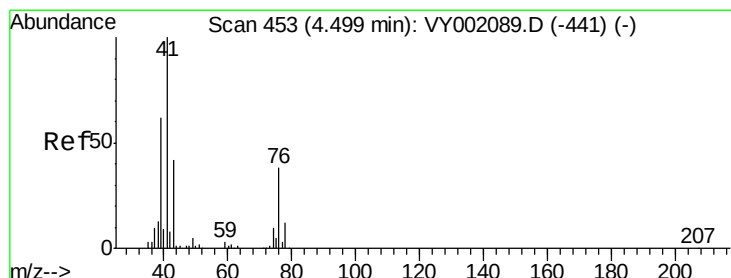
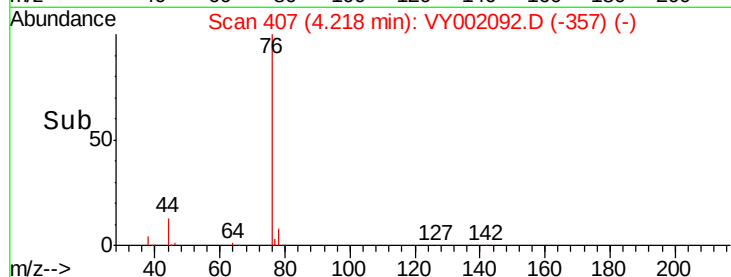
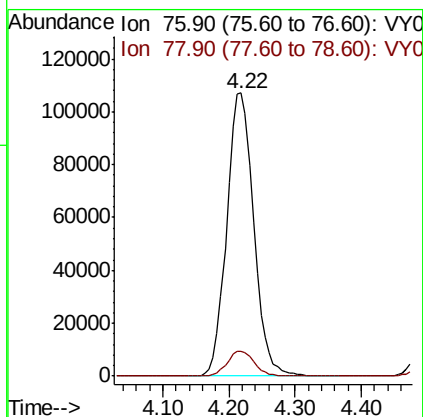
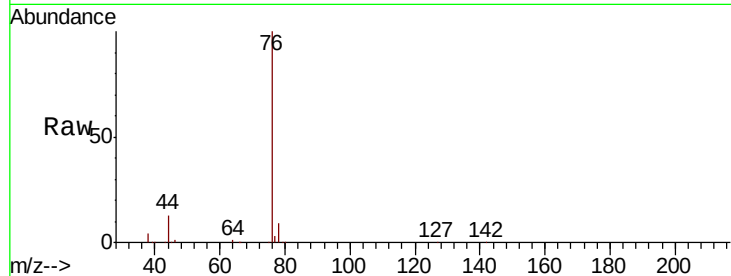




#17
Carbon Disulfide
Concen: 50.456 ug/l
RT: 4.22 min Scan# 407
Delta R.T. 0.01 min
Lab File: VY002092.D
Acq: 26 Mar 2020 18:18

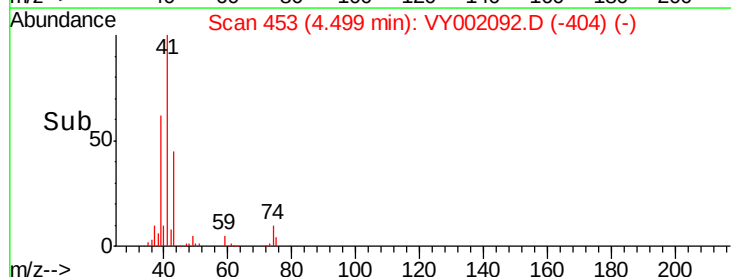
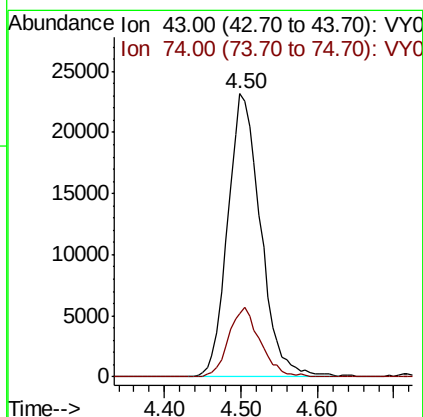
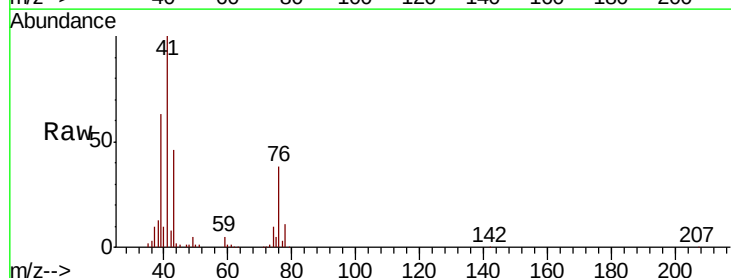
Instrument :
MSVOA_Y
ClientSampleId :

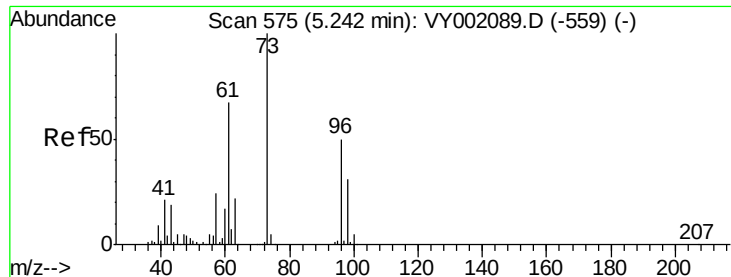
Tot Ion: 76 Resp: 302432
Ion Ratio Lower Upper
76 100
78 8.7 7.3 10.9



#18
Methyl Acetate
Concen: 51.227 ug/l
RT: 4.50 min Scan# 453
Delta R.T. 0.00 min
Lab File: VY002092.D
Acq: 26 Mar 2020 18:18

Tgt Ion: 43 Resp: 68768
Ion Ratio Lower Upper
43 100
74 23.7 18.3 27.5



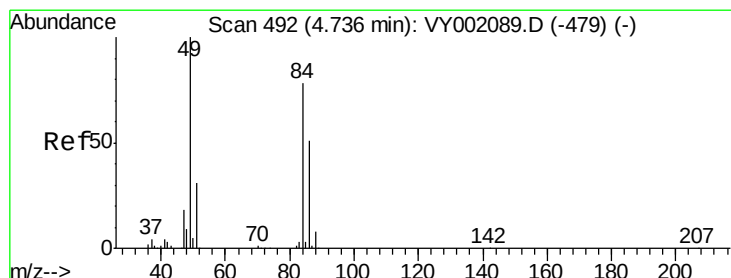
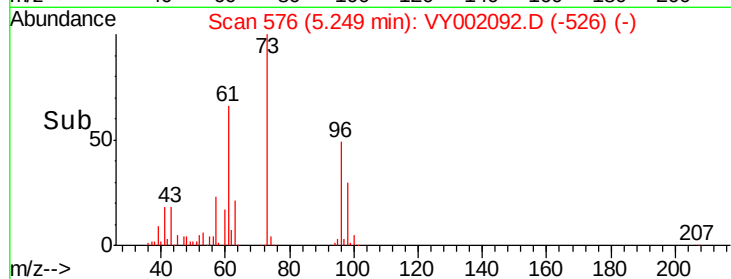
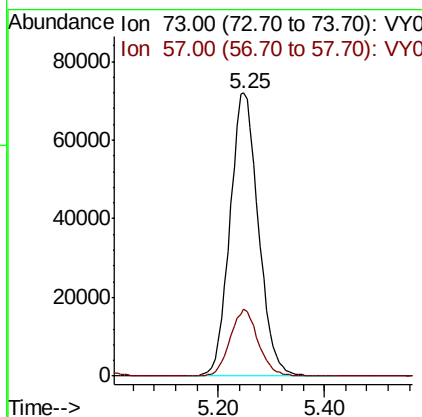
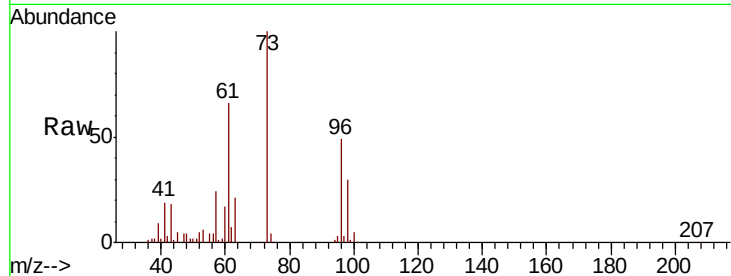


#19

Methyl tert-butyl Ether
 Concen: 53.203 ug/l
 RT: 5.25 min Scan# 576
 Delta R.T. 0.01 min
 Lab File: VY002092.D
 Acq: 26 Mar 2020 18:18

Instrument :
 MSVOA_Y
 ClientSampleId :

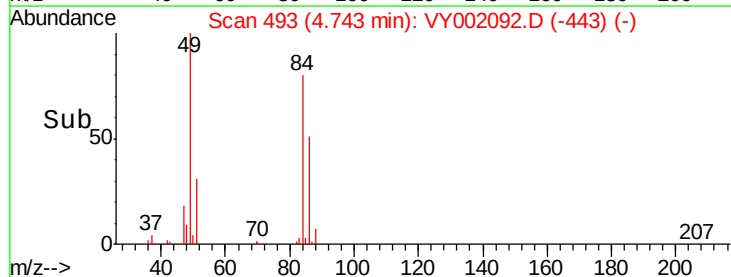
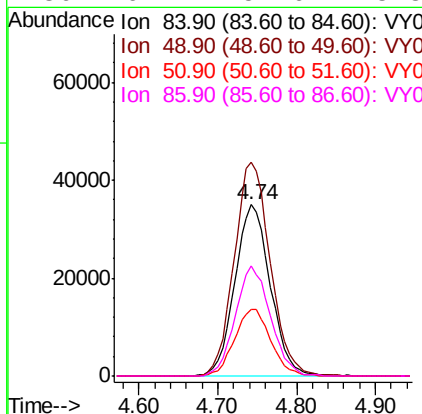
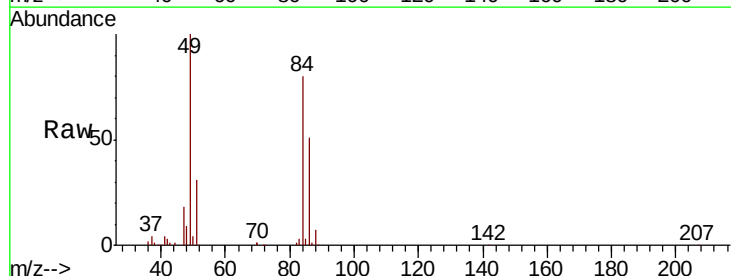
Tot Ion: 73 Resp: 268065
 Ion Ratio Lower Upper
 73 100
 57 23.6 19.0 28.6

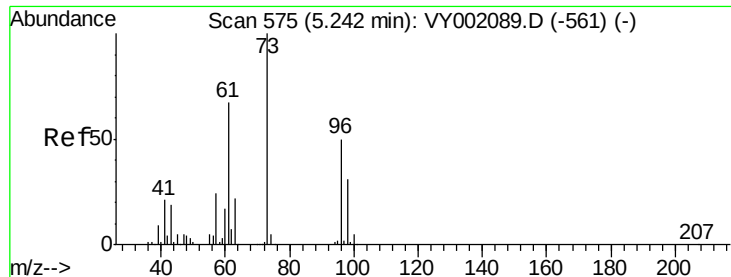


#20

Methylene Chloride
 Concen: 51.183 ug/l
 RT: 4.74 min Scan# 493
 Delta R.T. 0.01 min
 Lab File: VY002092.D
 Acq: 26 Mar 2020 18:18

Tgt Ion: 84 Resp: 109290
 Ion Ratio Lower Upper
 84 100
 49 125.0 102.2 153.4
 51 39.3 31.2 46.8
 86 64.2 52.6 78.8





#21

trans-1,2-Dichloroethene

Concen: 51.432 ug/l

RT: 5.25 min Scan# 576

Delta R.T. 0.01 min

Lab File: VY002092.D

Acq: 26 Mar 2020 18:18

Instrument :

MSVOA_Y

ClientSampleId :

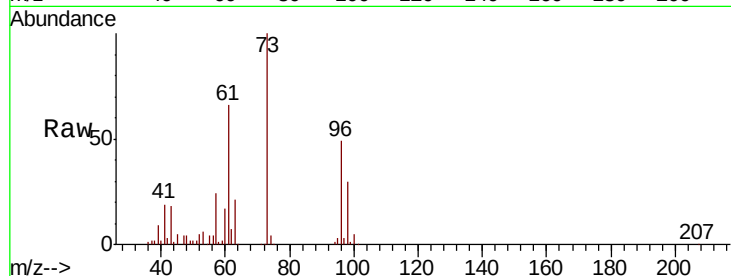
Tot Ion: 96 Resp: 105768

Ion Ratio Lower Upper

96 100

61 136.0 107.7 161.5

98 61.9 50.5 75.7

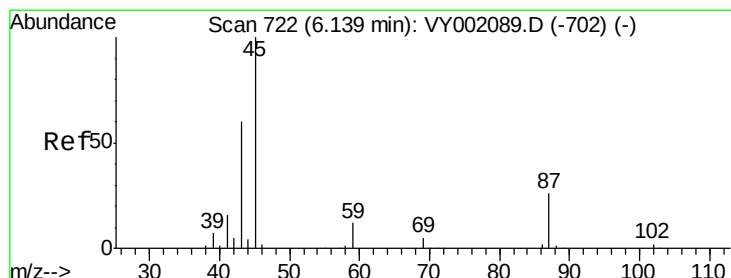
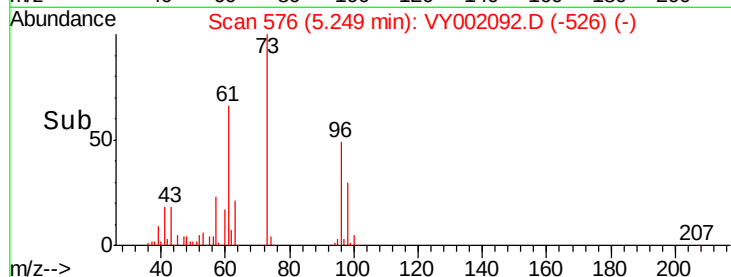
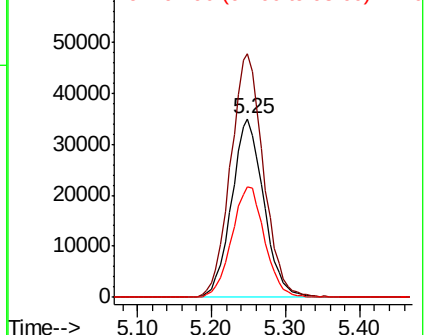


Abundance

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: 51.962 ug/l

RT: 6.15 min Scan# 724

Delta R.T. 0.01 min

Lab File: VY002092.D

Acq: 26 Mar 2020 18:18

Tgt Ion: 45 Resp: 351601

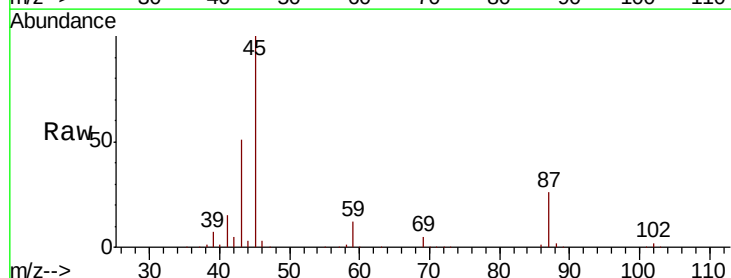
Ion Ratio Lower Upper

45 100

43 51.0 48.1 72.1

87 26.4 21.1 31.7

59 11.8 9.2 13.8



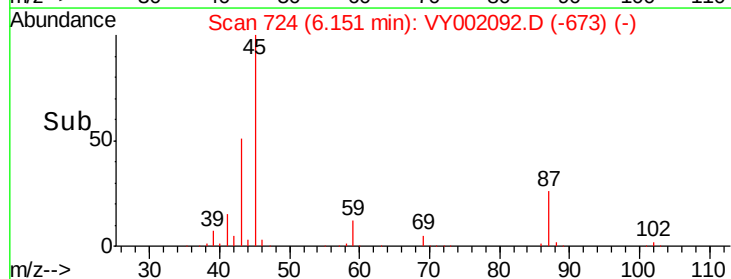
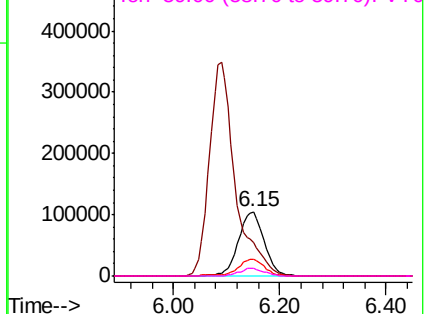
Abundance

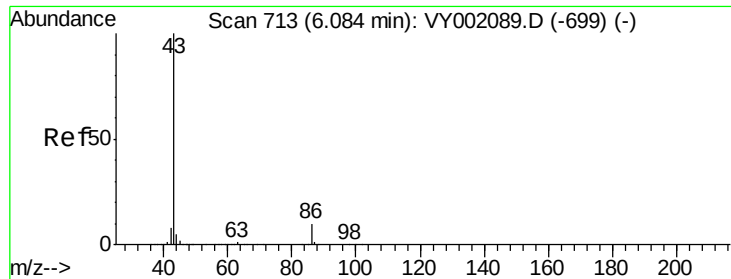
Ion 45.00 (44.70 to 45.70): VY0

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: 264.171 ug/l

RT: 6.09 min Scan# 714

Delta R.T. 0.01 min

Lab File: VY002092.D

Acq: 26 Mar 2020 18:18

Instrument :

MSVOA_Y

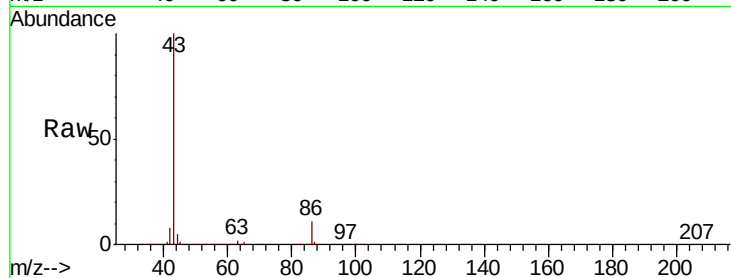
ClientSampleId :

Tot Ion: 43 Resp: 1172145

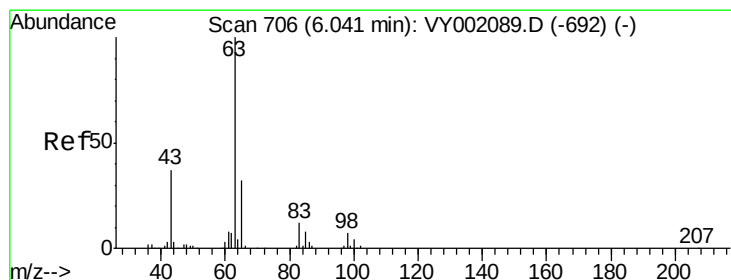
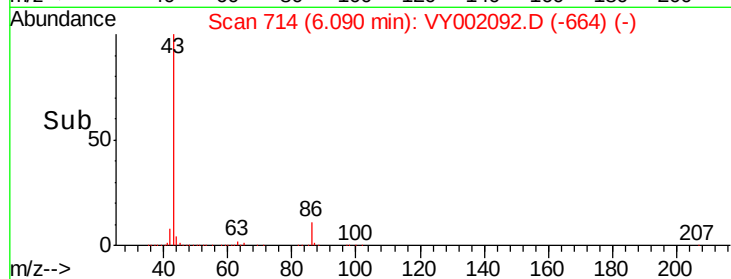
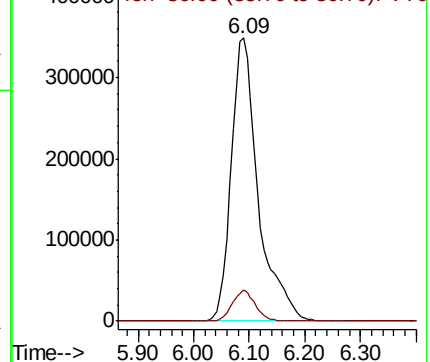
Ion Ratio Lower Upper

43 100

86 10.8 7.9 11.9



Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 51.386 ug/l

RT: 6.05 min Scan# 707

Delta R.T. 0.01 min

Lab File: VY002092.D

Acq: 26 Mar 2020 18:18

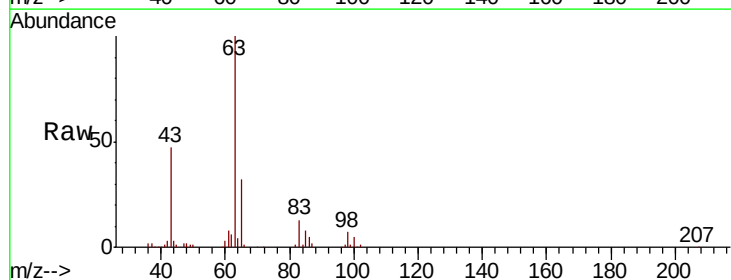
Tgt Ion: 63 Resp: 184872

Ion Ratio Lower Upper

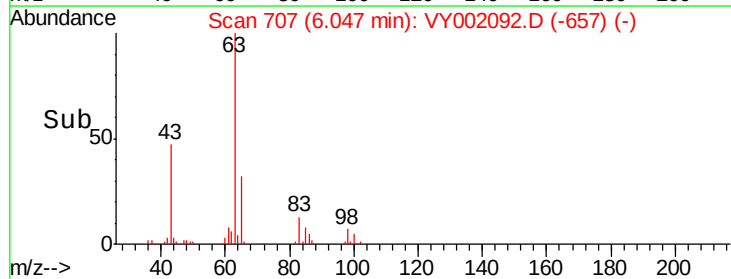
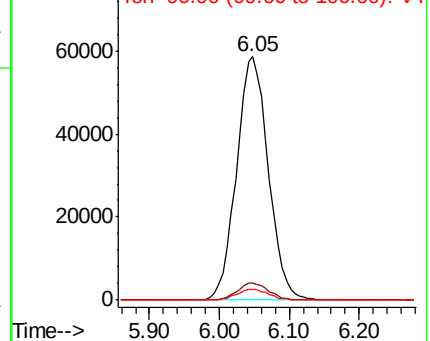
63 100

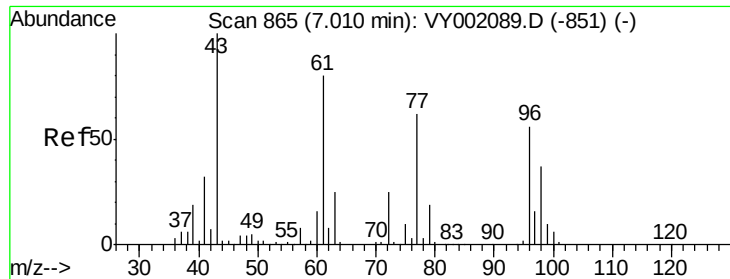
98 7.3 3.3 9.9

100 4.5 1.8 5.5



Abundance Ion 62.90 (62.60 to 63.60): VY0
Ion 97.90 (97.60 to 98.60): VY0
Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 255.309 ug/l

RT: 7.01 min Scan# 865

Delta R.T. 0.00 min

Lab File: VY002092.D

Acq: 26 Mar 2020 18:18

Instrument :

MSVOA_Y

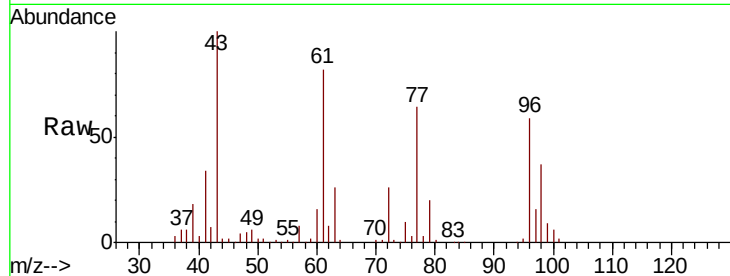
ClientSampled :

Tot Ion: 43 Resp: 202665

Ion Ratio Lower Upper

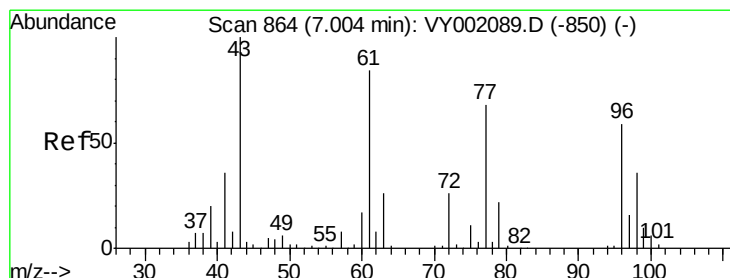
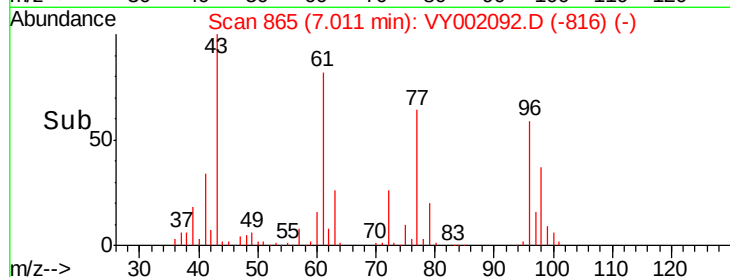
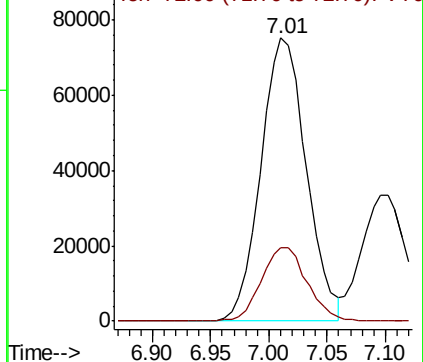
43 100

72 25.8 20.2 30.2



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0



#26

2,2-Dichloropropane

Concen: 50.045 ug/l

RT: 7.01 min Scan# 865

Delta R.T. 0.01 min

Lab File: VY002092.D

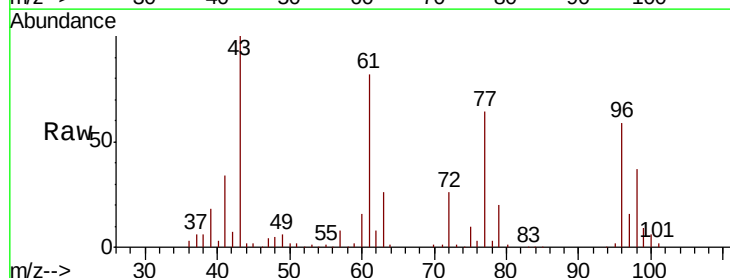
Acq: 26 Mar 2020 18:18

Tgt Ion: 77 Resp: 148287

Ion Ratio Lower Upper

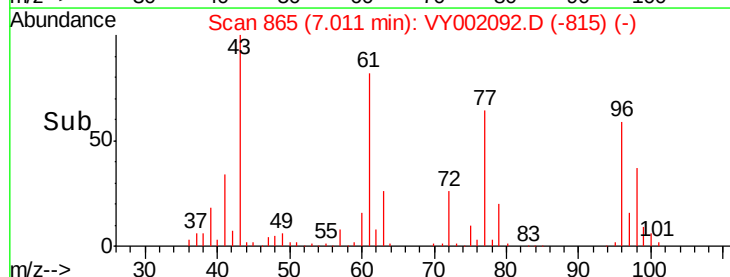
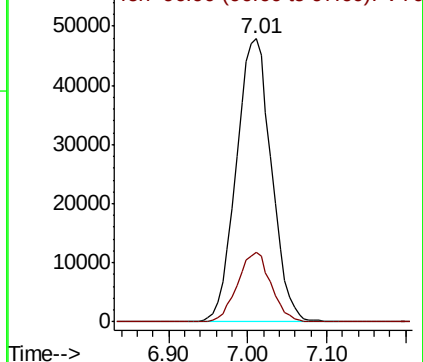
77 100

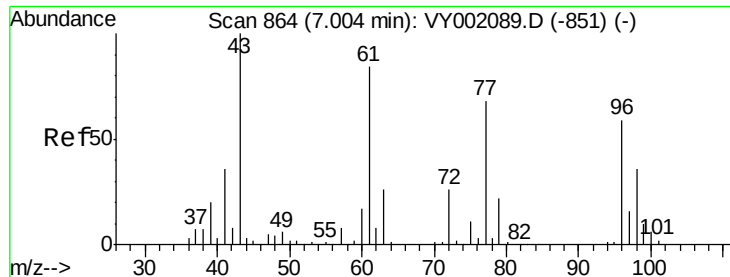
97 23.5 11.7 35.1



Abundance Ion 76.90 (76.60 to 77.60): VY0

Ion 96.90 (96.60 to 97.60): VY0



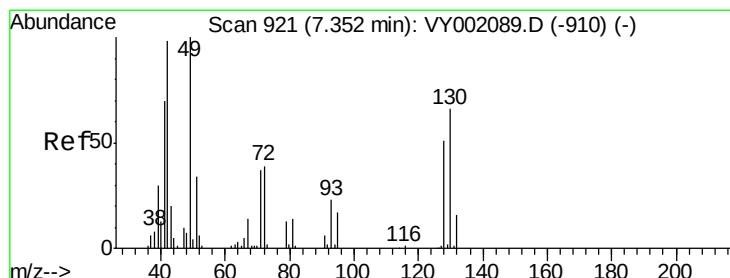
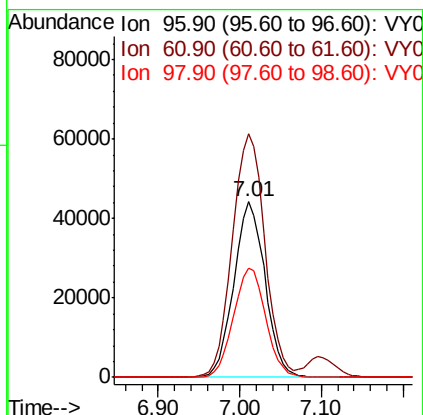
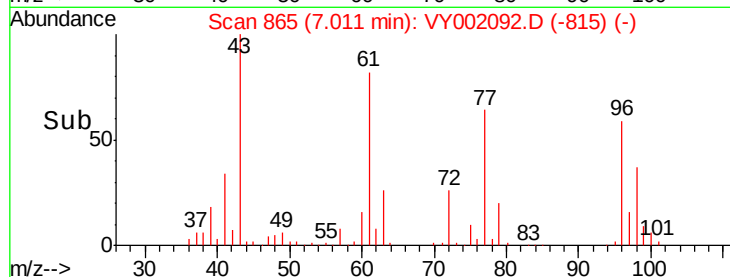
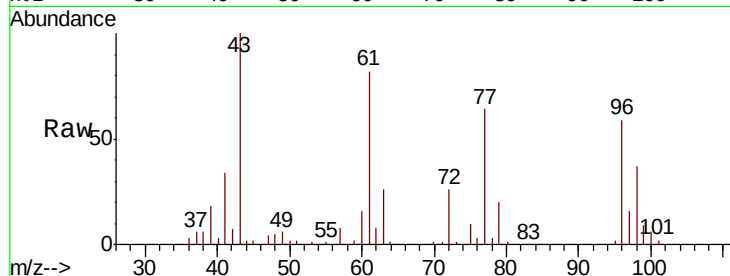


#27

cis-1,2-Dichloroethene
Concen: 51.661 ug/l
RT: 7.01 min Scan# 865
Delta R.T. 0.01 min
Lab File: VY002092.D
Acq: 26 Mar 2020 18:18

Instrument :
MSVOA_Y
ClientSampleId :

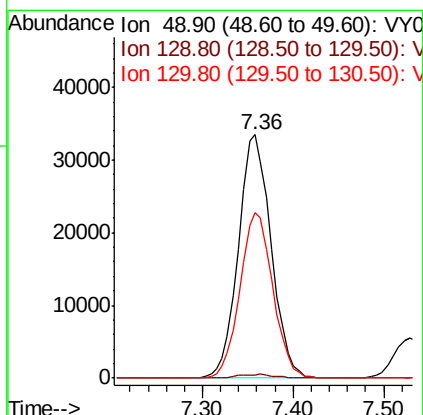
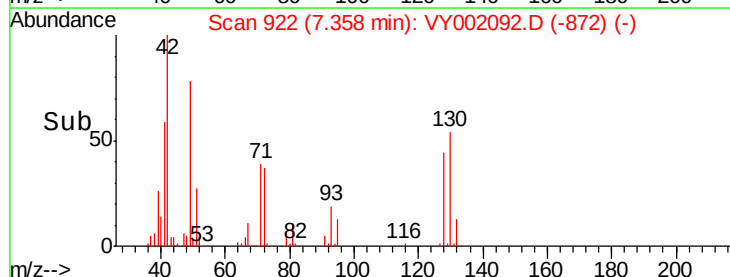
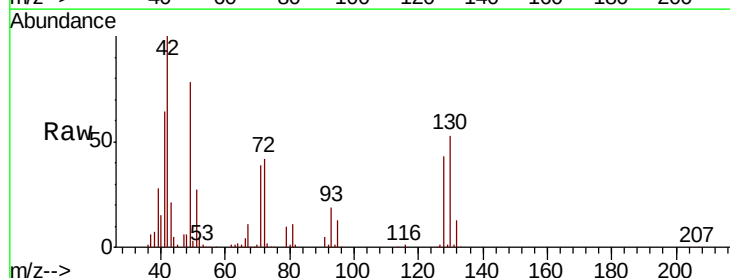
Tot Ion: 96 Resp: 116876
Ion Ratio Lower Upper
96 100
61 144.5 0.0 290.6
98 64.1 0.0 128.0

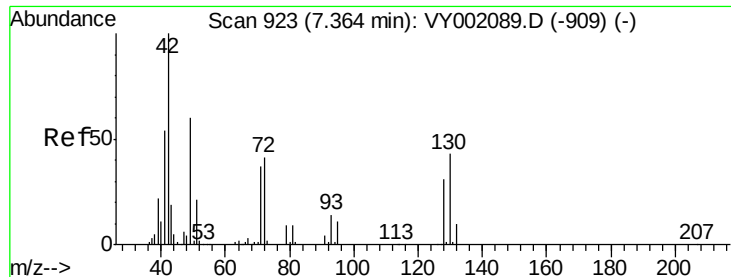


#28

Bromochloromethane
Concen: 50.916 ug/l
RT: 7.36 min Scan# 922
Delta R.T. 0.01 min
Lab File: VY002092.D
Acq: 26 Mar 2020 18:18

Tgt Ion: 49 Resp: 83629
Ion Ratio Lower Upper
49 100
129 1.6 0.0 3.4
130 68.2 54.1 81.1

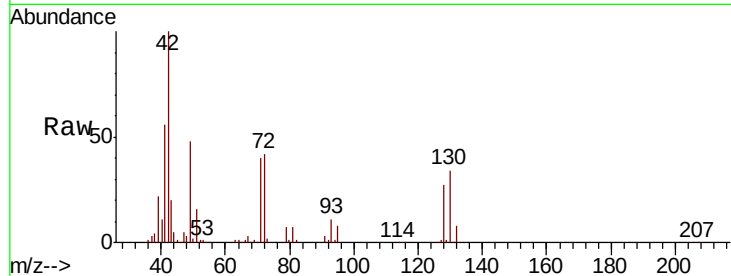




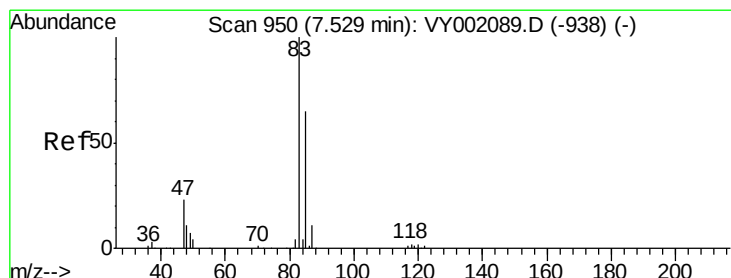
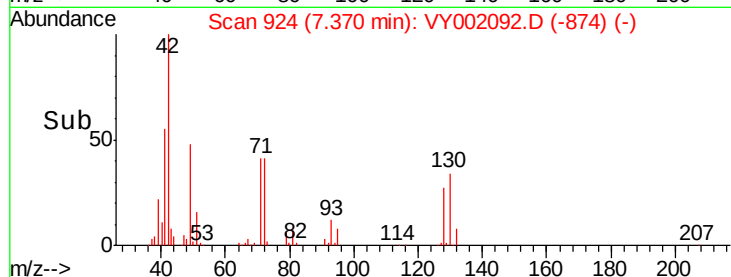
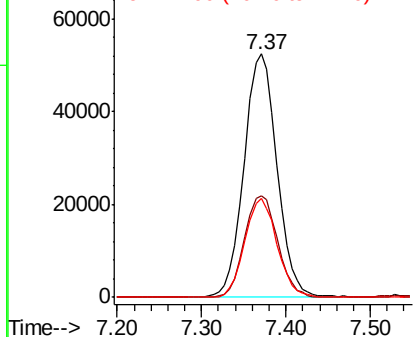
#29
Tetrahydrofuran
Concen: 267.259 ug/l
RT: 7.37 min Scan# 924
Delta R.T. 0.01 min
Lab File: VY002092.D
Acq: 26 Mar 2020 18:18

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 42 Resp: 139094
Ion Ratio Lower Upper
42 100
72 42.3 33.0 49.4
71 39.5 31.2 46.8

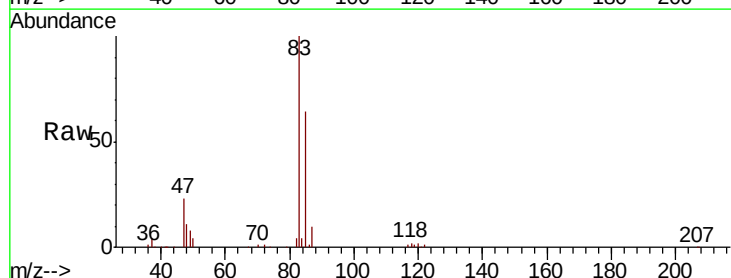


Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

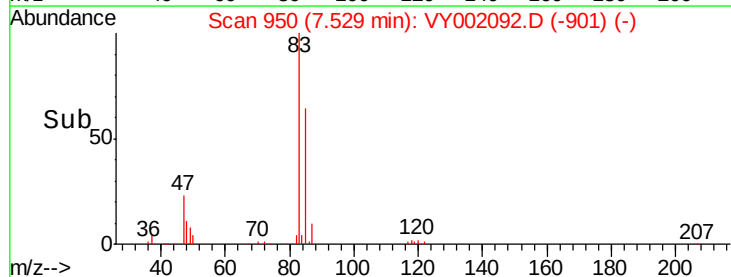
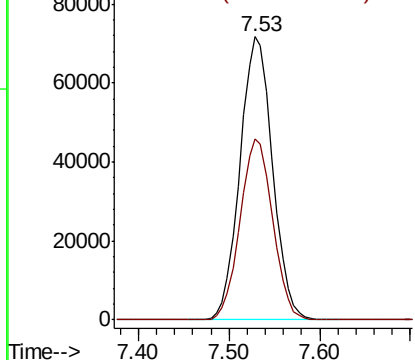


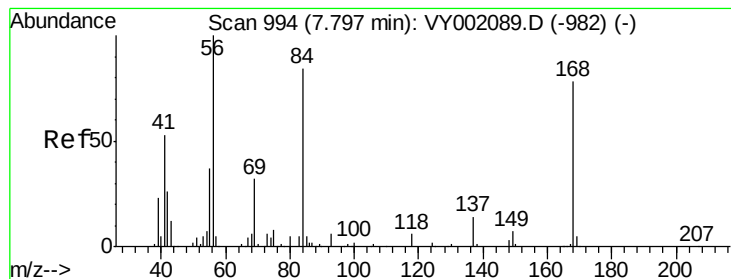
#30
Chloroform
Concen: 52.206 ug/l
RT: 7.53 min Scan# 950
Delta R.T. 0.00 min
Lab File: VY002092.D
Acq: 26 Mar 2020 18:18

Tgt Ion: 83 Resp: 178028
Ion Ratio Lower Upper
83 100
85 64.1 52.4 78.6



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





#31

Cyclohexane

Concen: 48.622 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.01 min

Lab File: VY002092.D

Acq: 26 Mar 2020 18:18

Instrument :
MSVOA_Y
ClientSampled :

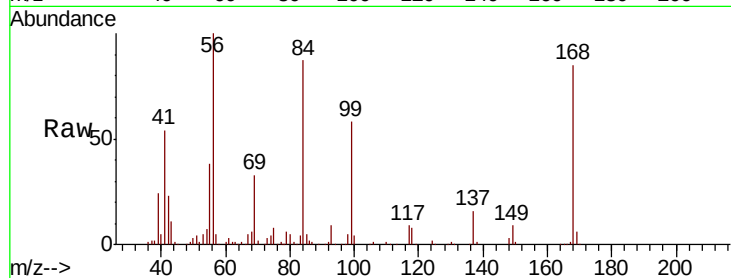
Tot Ion: 56 Resp: 186396

Ion Ratio Lower Upper

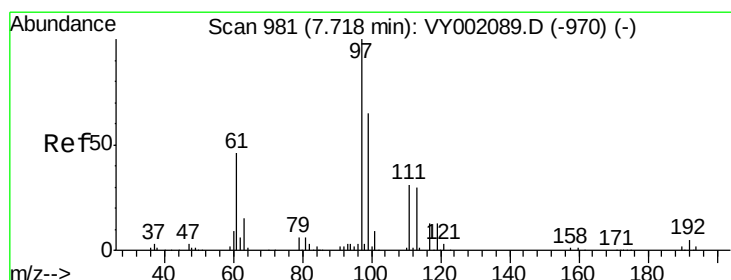
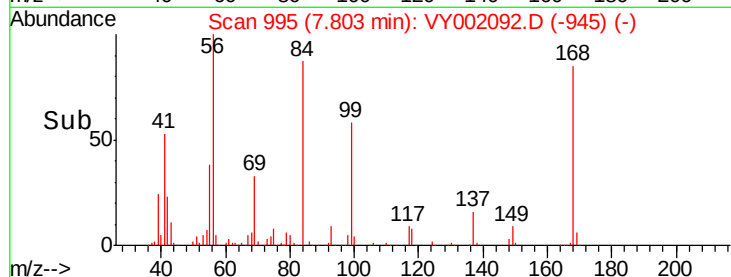
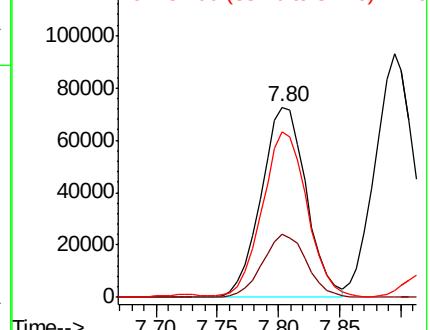
56 100

69 33.3 25.8 38.8

84 86.1 67.1 100.7



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: 51.878 ug/l

RT: 7.72 min Scan# 982

Delta R.T. 0.01 min

Lab File: VY002092.D

Acq: 26 Mar 2020 18:18

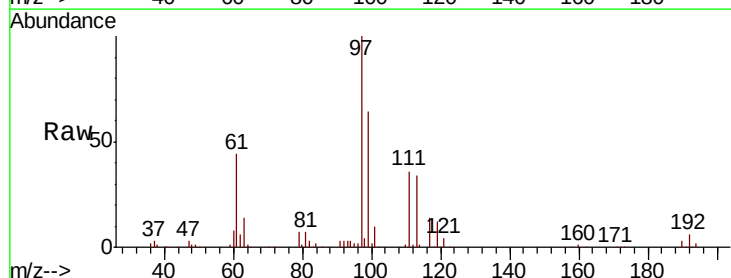
Tgt Ion: 97 Resp: 147708

Ion Ratio Lower Upper

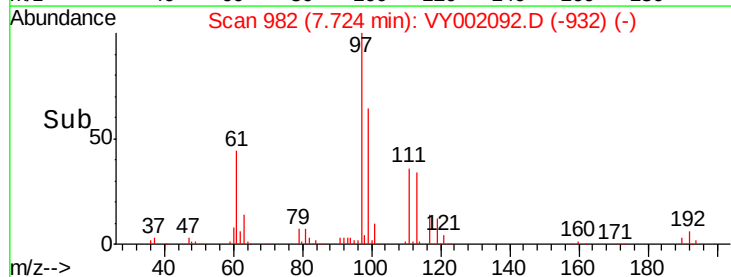
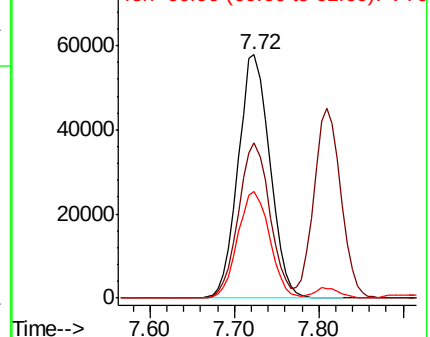
97 100

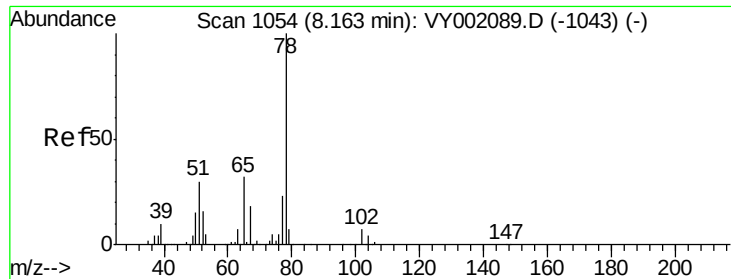
99 62.9 52.0 78.0

61 44.1 35.7 53.5



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

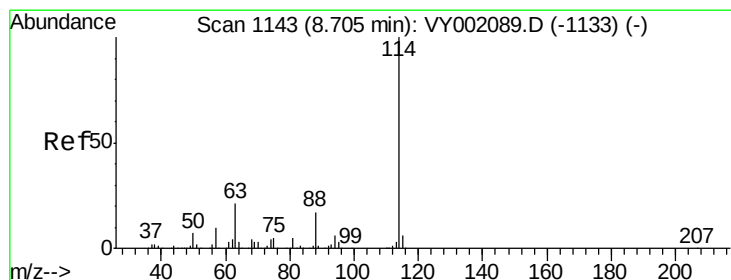
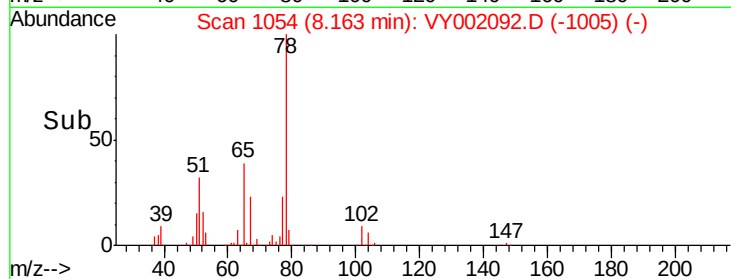
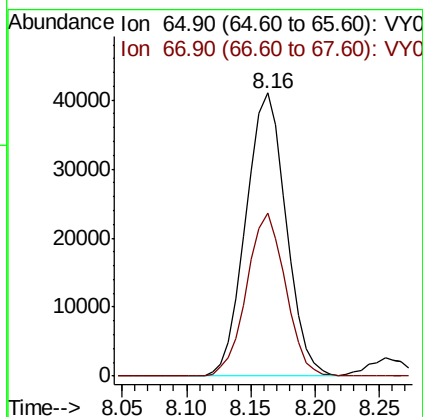
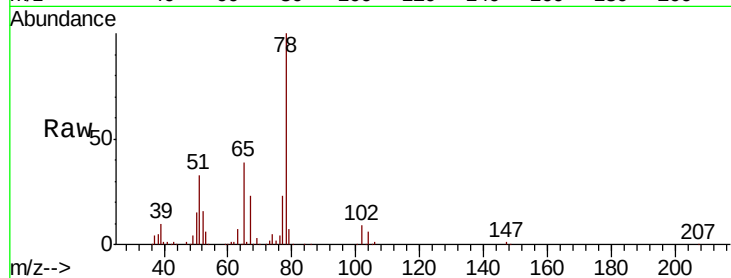




#33
 1,2-Dichloroethane-d4
 Concen: 48.295 ug/l
 RT: 8.16 min Scan# 1054
 Delta R.T. 0.00 min
 Lab File: VY002092.D
 Acq: 26 Mar 2020 18:18

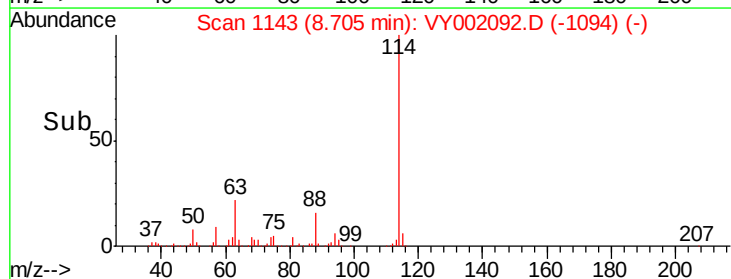
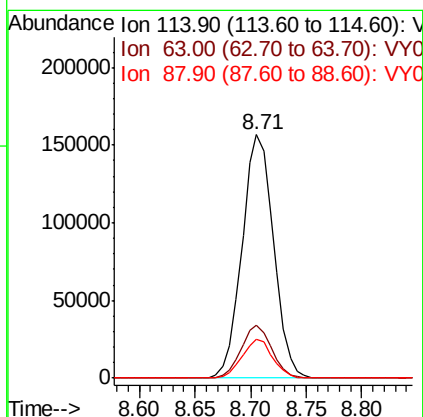
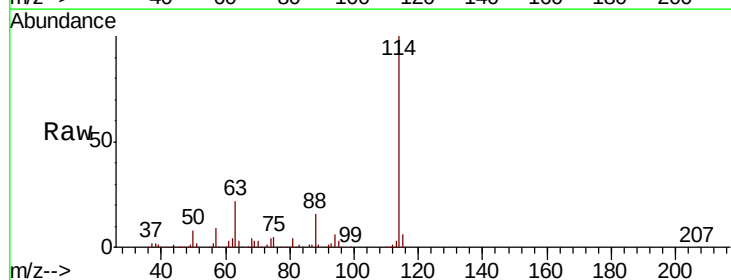
Instrument :
 MSVOA_Y
 ClientSampleId :

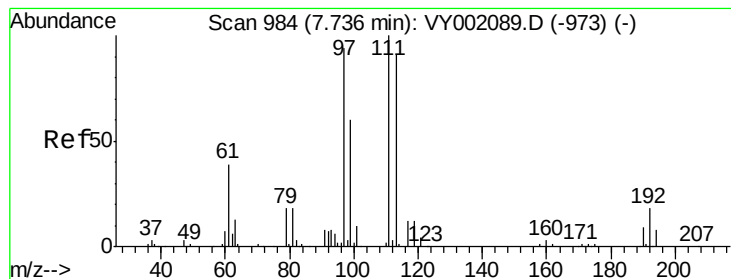
Tot Ion: 65 Resp: 88866
 Ion Ratio Lower Upper
 65 100
 67 55.4 0.0 112.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. 0.00 min
 Lab File: VY002092.D
 Acq: 26 Mar 2020 18:18

Tgt Ion: 114 Resp: 308129
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 41.4
 88 16.0 0.0 33.0





#35

Dibromofluoromethane

Concen: 48.089 ug/l

RT: 7.74 min Scan# 985

Delta R.T. 0.01 min

Lab File: VY002092.D

Acq: 26 Mar 2020 18:18

Instrument :
MSVOA_Y
ClientSampleId :

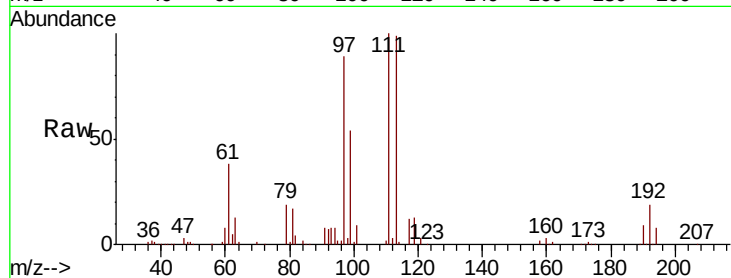
Tot Ion:113 Resp: 83025

Ion Ratio Lower Upper

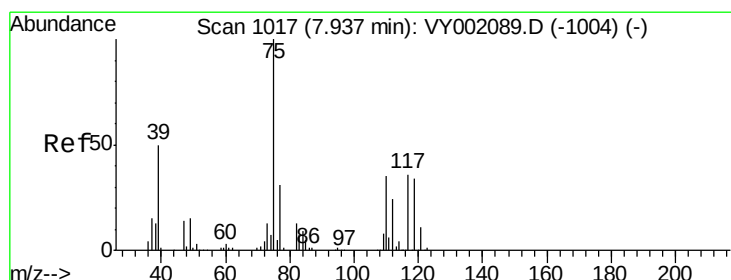
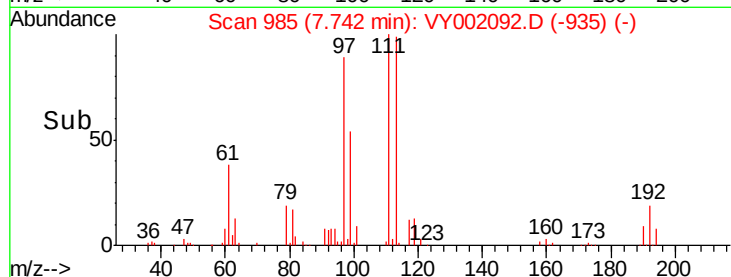
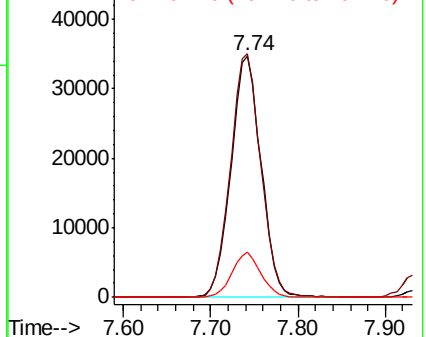
113 100

111 101.9 84.4 126.6

192 17.9 14.6 21.8



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: 50.068 ug/l

RT: 7.94 min Scan# 1017

Delta R.T. 0.00 min

Lab File: VY002092.D

Acq: 26 Mar 2020 18:18

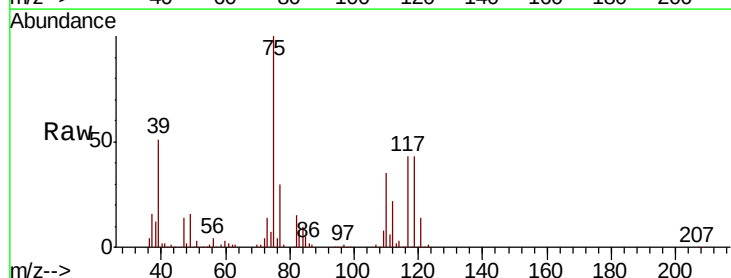
Tgt Ion: 75 Resp: 145923

Ion Ratio Lower Upper

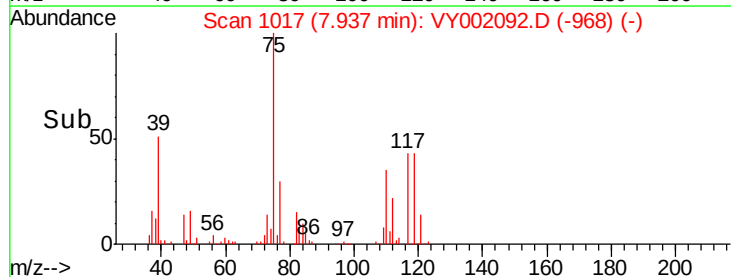
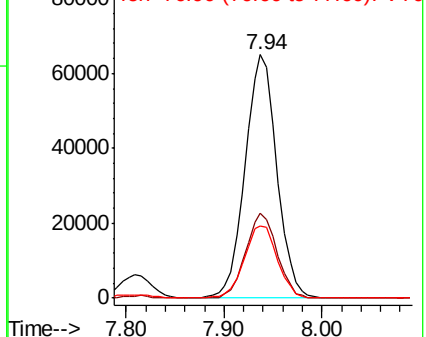
75 100

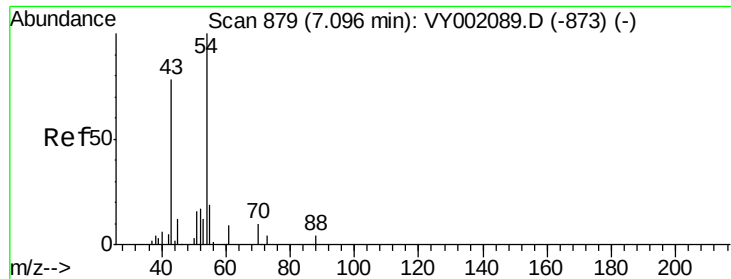
110 34.4 17.2 51.6

77 31.1 24.7 37.1



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

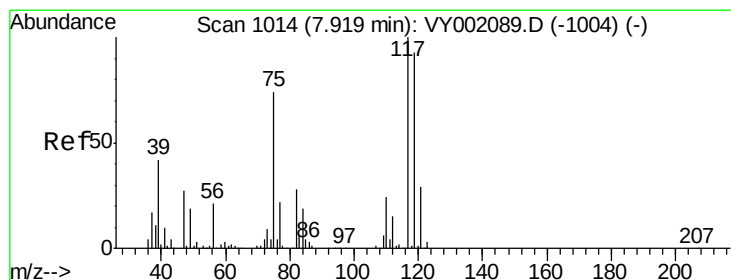
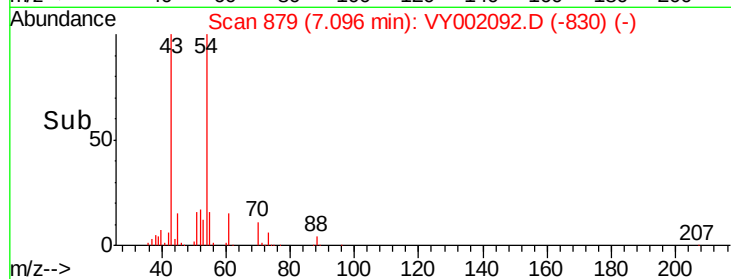
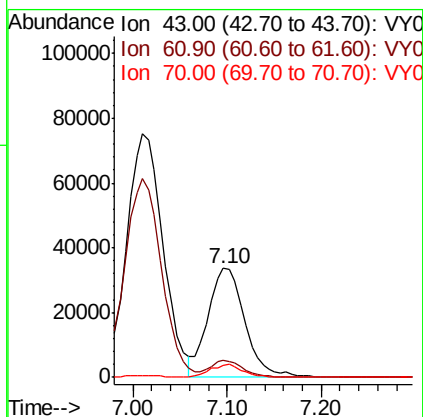
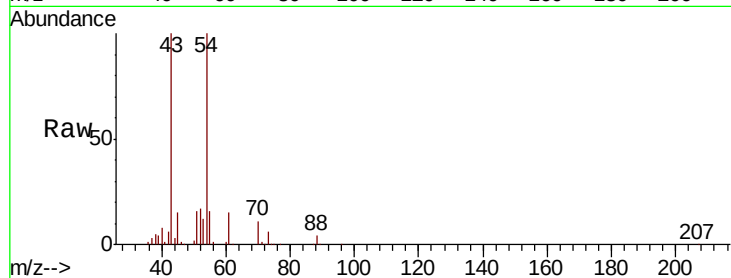




#37
Ethyl Acetate
Concen: 51.903 ug/l
RT: 7.10 min Scan# 879
Delta R.T. 0.00 min
Lab File: VY002092.D
Acq: 26 Mar 2020 18:18

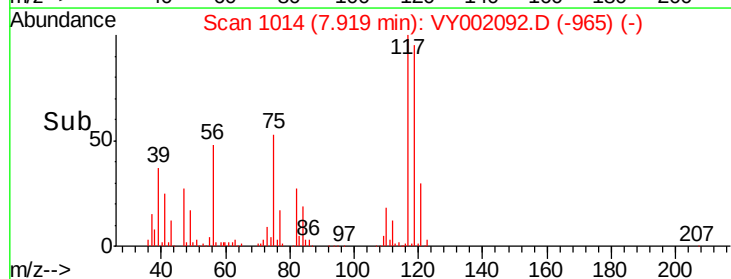
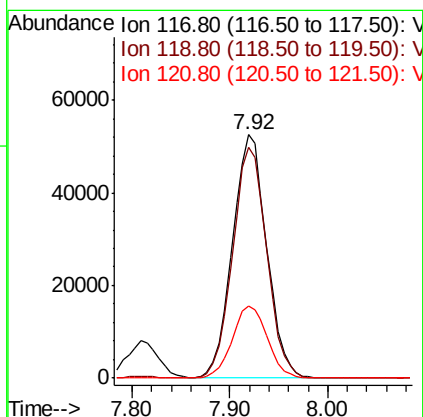
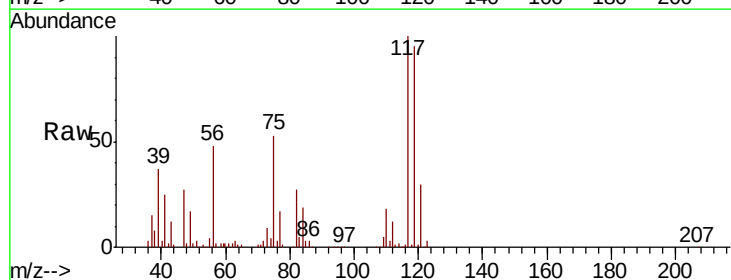
Instrument :
MSVOA_Y
ClientSampleId :

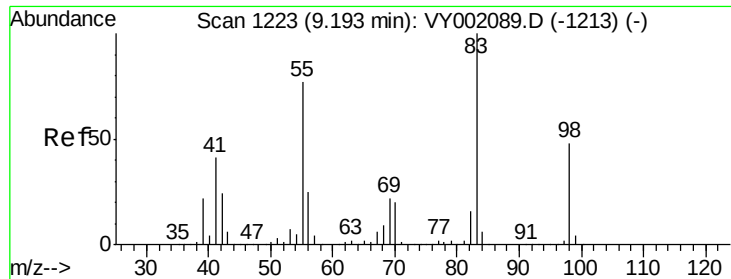
Tot Ion: 43 Resp: 91414
Ion Ratio Lower Upper
43 100
61 14.4 11.2 16.8
70 10.7 8.2 12.4



#38
Carbon Tetrachloride
Concen: 51.372 ug/l
RT: 7.92 min Scan# 1014
Delta R.T. 0.00 min
Lab File: VY002092.D
Acq: 26 Mar 2020 18:18

Tgt Ion: 117 Resp: 127026
Ion Ratio Lower Upper
117 100
119 94.6 74.3 111.5
121 29.7 23.3 34.9

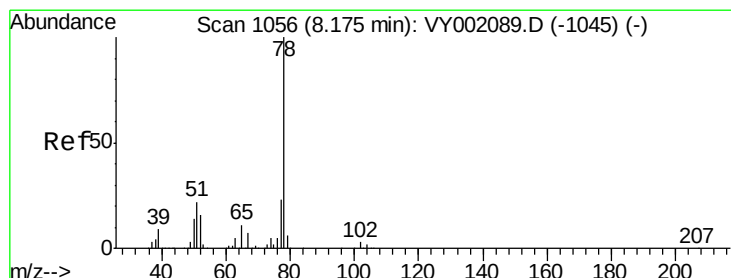
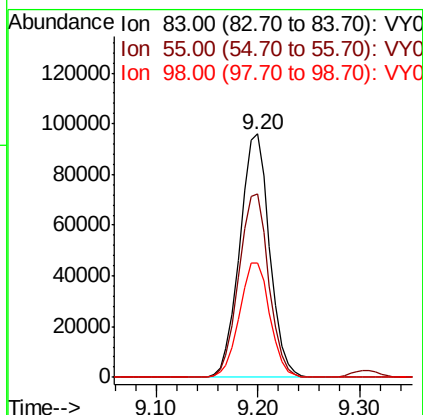
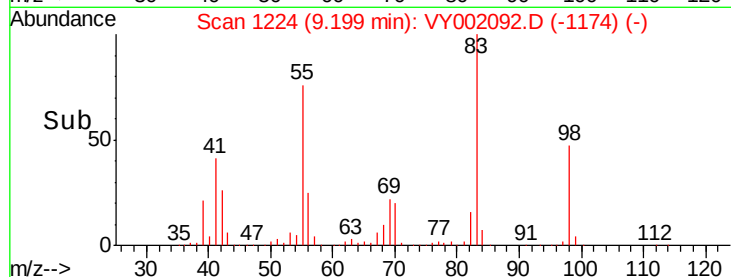
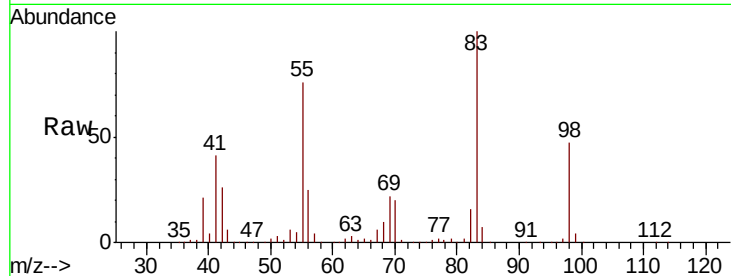




#39
Methylvlcyclohexane
Concen: 50.824 ug/l
RT: 9.20 min Scan# 1224
Delta R.T. 0.01 min
Lab File: VY002092.D
Acq: 26 Mar 2020 18:18

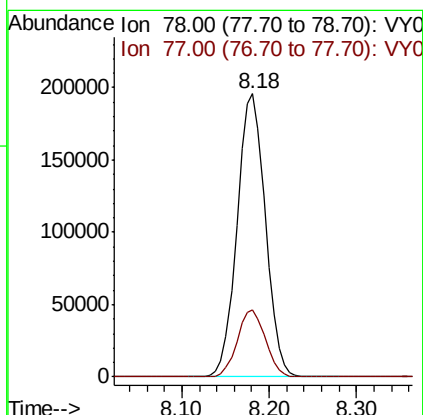
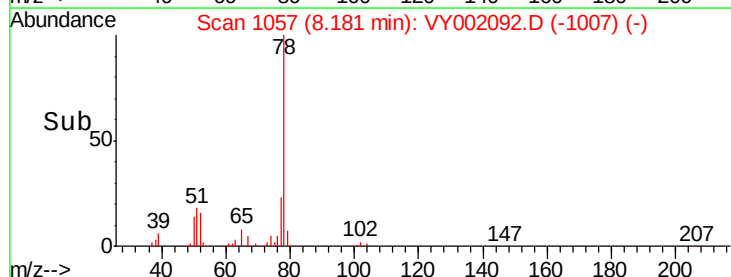
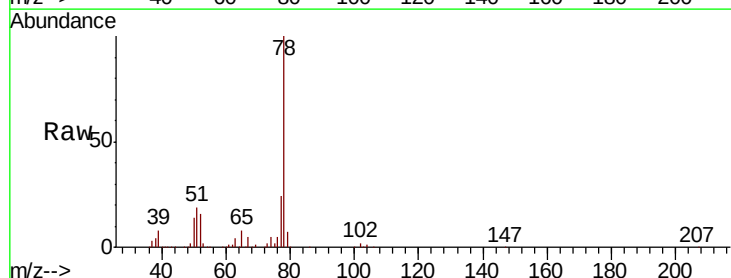
Instrument :
MSVOA_Y
ClientSampleId :

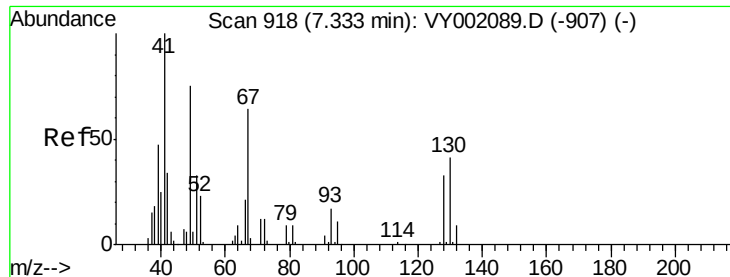
Tot Ion: 83 Resp: 194296
Ion Ratio Lower Upper
83 100
55 75.6 61.2 91.8
98 46.8 38.2 57.2



#40
Benzene
Concen: 50.871 ug/l
RT: 8.18 min Scan# 1057
Delta R.T. 0.01 min
Lab File: VY002092.D
Acq: 26 Mar 2020 18:18

Tgt Ion: 78 Resp: 439171
Ion Ratio Lower Upper
78 100
77 23.5 18.2 27.4

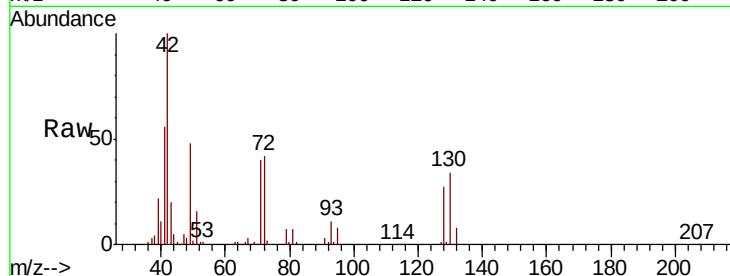




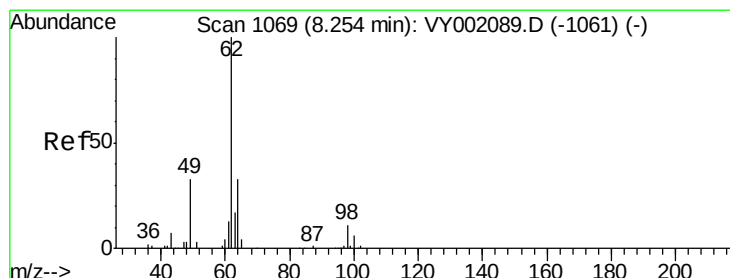
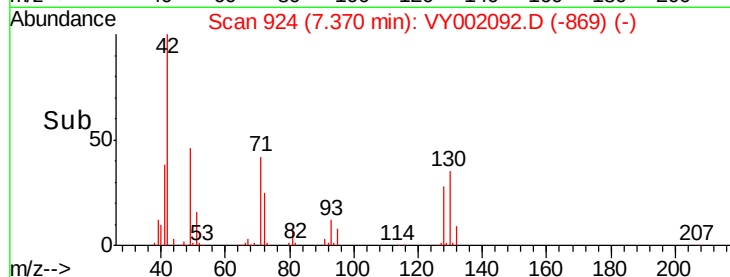
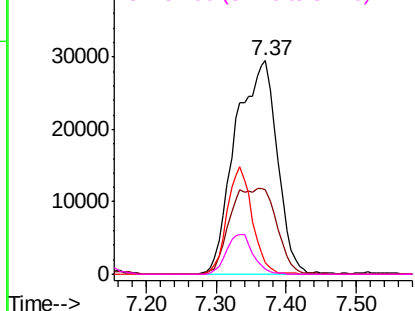
#41
Methacrylonitrile
Concen: 137.512 ug/l
RT: 7.37 min Scan# 924
Delta R.T. 0.04 min
Lab File: VY002092.D
Acq: 26 Mar 2020 18:18

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:	41	Resp:	122506
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

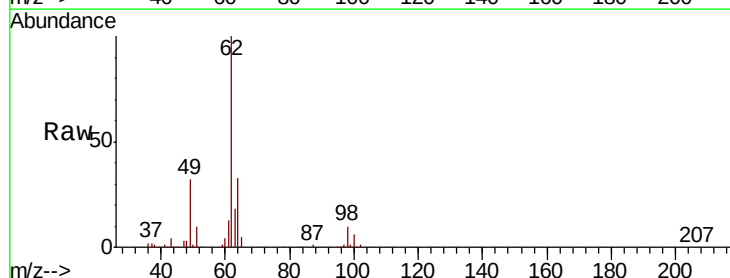


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

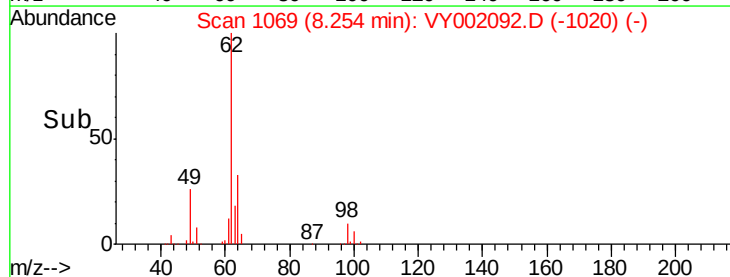
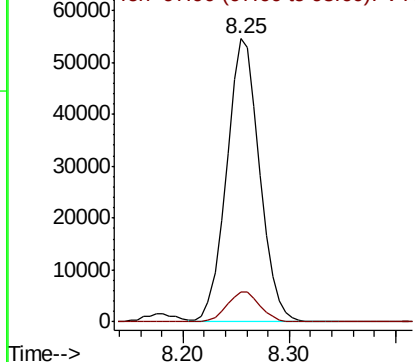


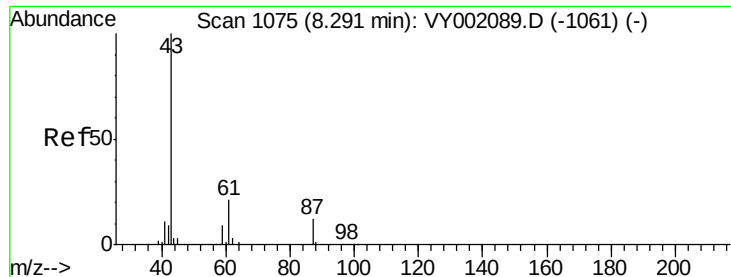
#42
1,2-Dichloroethane
Concen: 51.625 ug/l
RT: 8.25 min Scan# 1069
Delta R.T. 0.00 min
Lab File: VY002092.D
Acq: 26 Mar 2020 18:18

Tgt Ion:	62	Resp:	118325
Ion	Ratio	Lower	Upper
62	100		
98	10.5	0.0	21.2



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





#43

Isopropyl Acetate

Concen: 52.440 ug/l

RT: 8.29 min Scan# 1075

Delta R.T. 0.00 min

Lab File: VY002092.D

Acq: 26 Mar 2020 18:18

Instrument :

MSVOA_Y

ClientSampled :

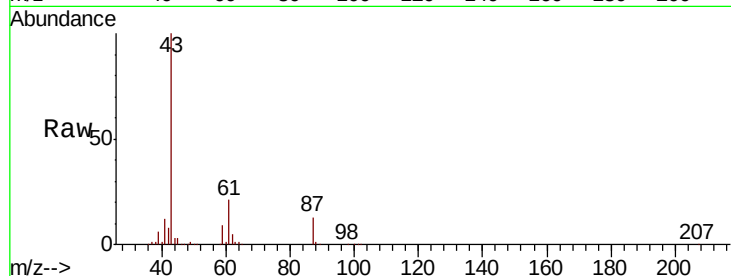
Tot Ion: 43 Resp: 171421

Ion Ratio Lower Upper

43 100

61 29.2 23.4 35.2

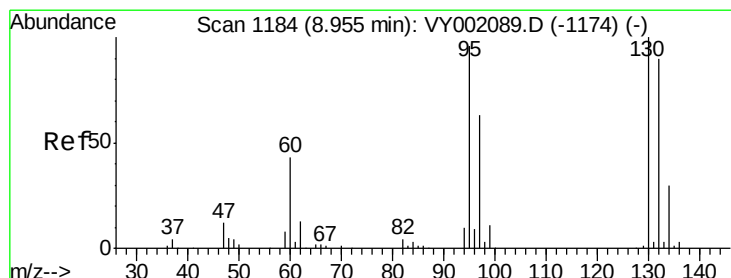
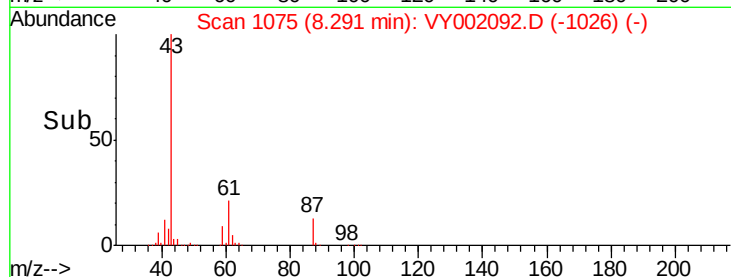
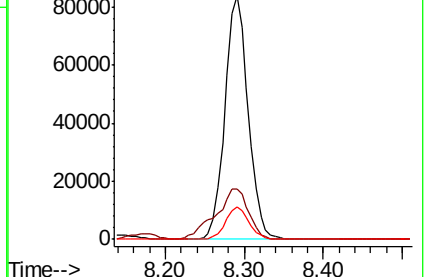
87 13.4 10.2 15.4



Abundance Ion 43.00 (42.70 to 43.70): VY002092.D (-1061) (-)

Ion 61.00 (60.70 to 61.70): VY002092.D (-1061) (-)

Ion 87.00 (86.70 to 87.70): VY002092.D (-1061) (-)



#44

Trichloroethene

Concen: 51.357 ug/l

RT: 8.96 min Scan# 1184

Delta R.T. 0.00 min

Lab File: VY002092.D

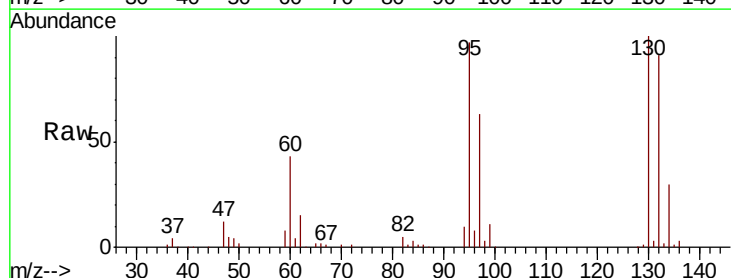
Acq: 26 Mar 2020 18:18

Tgt Ion:130 Resp: 106875

Ion Ratio Lower Upper

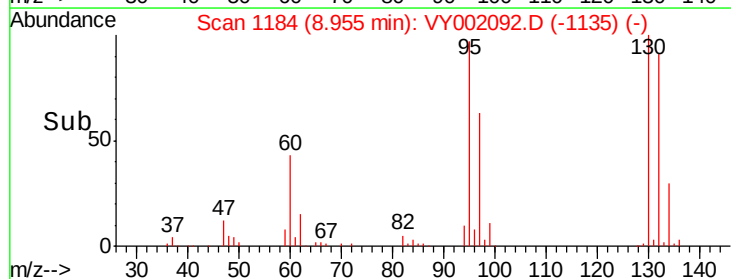
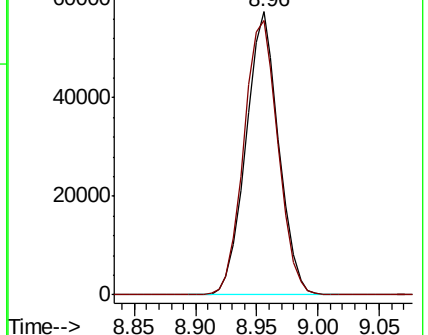
130 100

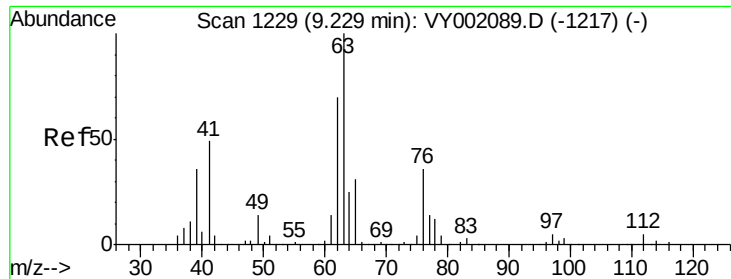
95 97.0 0.0 193.0



Abundance Ion 129.80 (129.50 to 130.50): VY002092.D (-1174) (-)

Ion 94.90 (94.60 to 95.60): VY002092.D (-1174) (-)

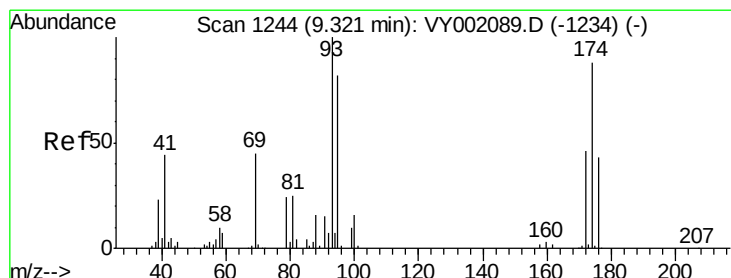
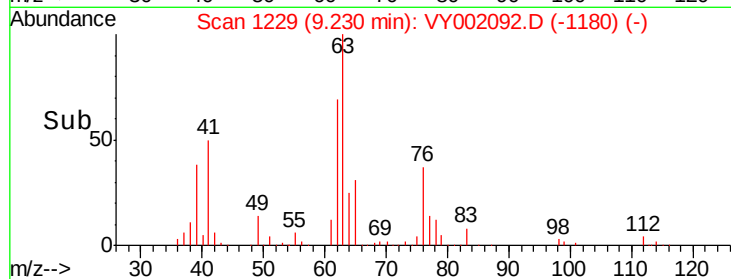
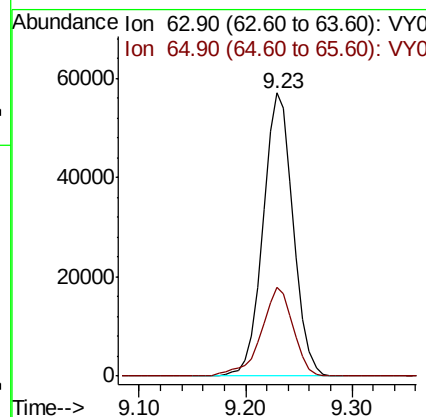
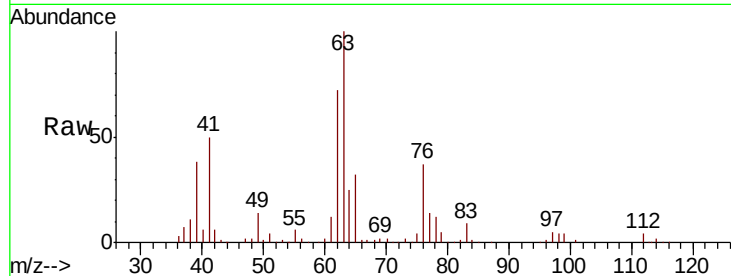




#45
 1,2-Dichloropropane
 Concen: 51.242 ug/l
 RT: 9.23 min Scan# 1229
 Delta R.T. 0.00 min
 Lab File: VY002092.D
 Acq: 26 Mar 2020 18:18

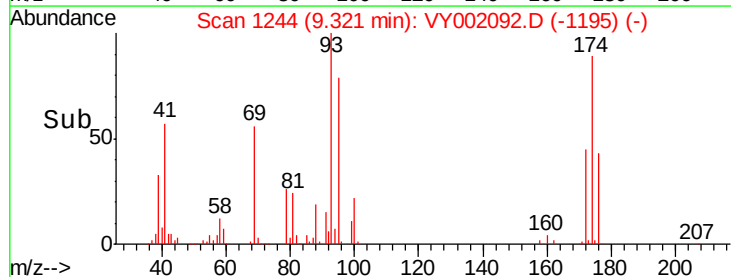
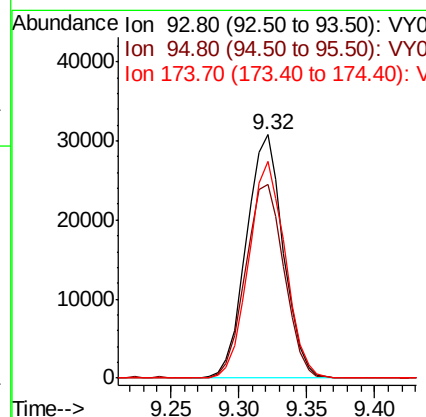
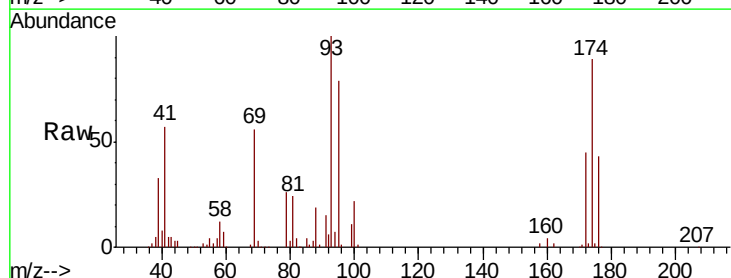
Instrument :
 MSVOA_Y
 ClientSampleId :

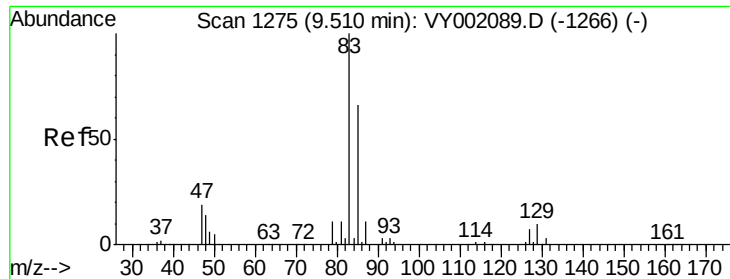
Tot Ion: 63 Resp: 112638
 Ion Ratio Lower Upper
 63 100
 65 31.5 25.0 37.6



#46
 Dibromomethane
 Concen: 51.991 ug/l
 RT: 9.32 min Scan# 1244
 Delta R.T. 0.00 min
 Lab File: VY002092.D
 Acq: 26 Mar 2020 18:18

Tgt Ion: 93 Resp: 58692
 Ion Ratio Lower Upper
 93 100
 95 82.9 66.0 99.0
 174 87.7 69.8 104.8





#47

Bromodichloromethane

Concen: 52.372 ug/l

RT: 9.51 min Scan# 1275

Delta R.T. 0.00 min

Lab File: VY002092.D

Acq: 26 Mar 2020 18:18

Instrument :

MSVOA_Y

ClientSampleId :

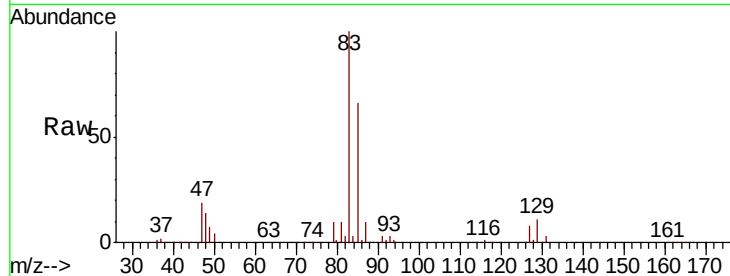
Tot Ion: 83 Resp: 137633

Ion Ratio Lower Upper

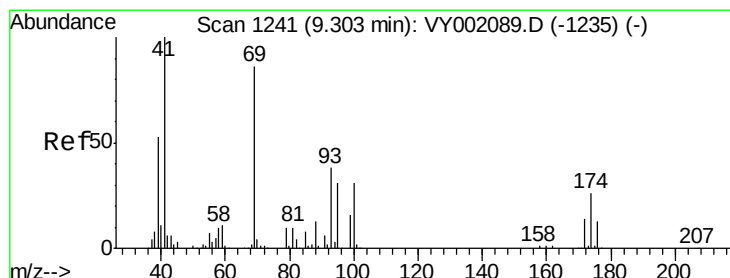
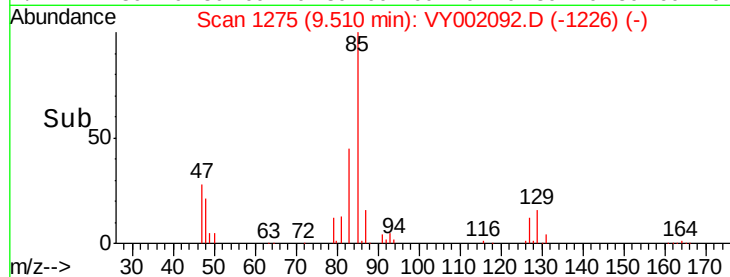
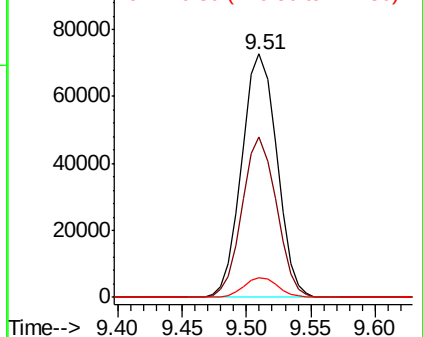
83 100

85 65.7 52.6 79.0

127 8.1 5.9 8.9



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



#48

Methyl methacrylate

Concen: 52.551 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. 0.01 min

Lab File: VY002092.D

Acq: 26 Mar 2020 18:18

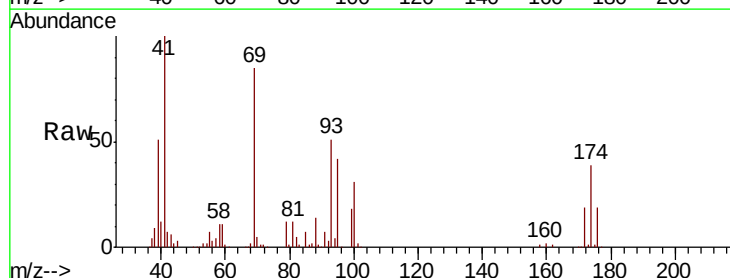
Tgt Ion: 41 Resp: 76981

Ion Ratio Lower Upper

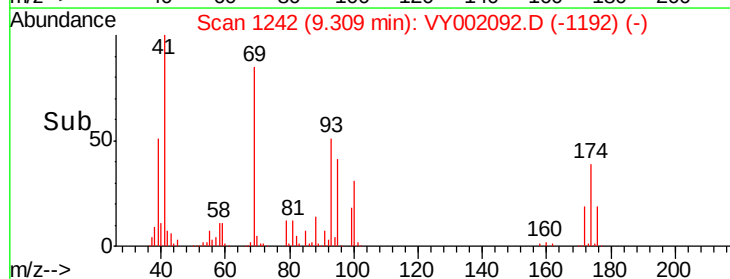
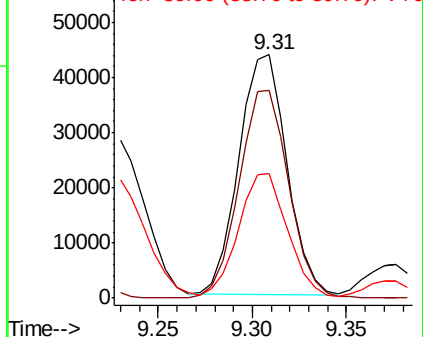
41 100

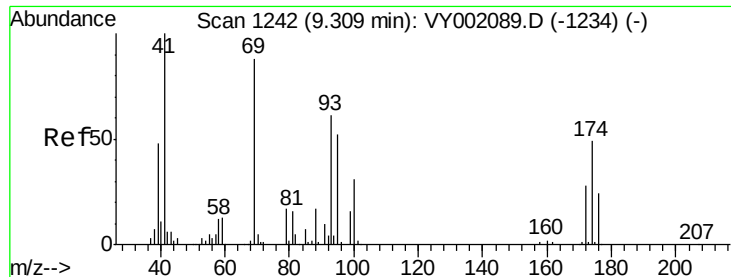
69 89.6 71.4 107.0

39 51.2 41.0 61.4



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

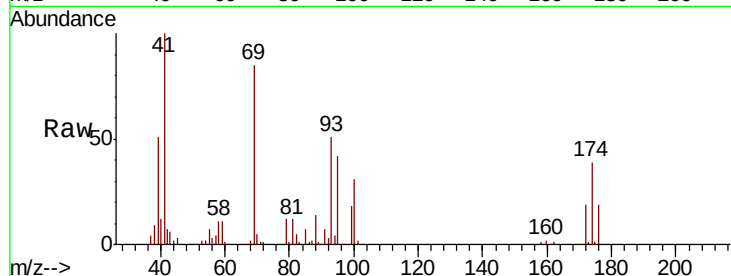




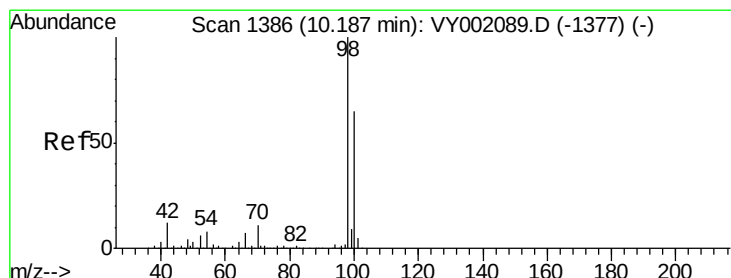
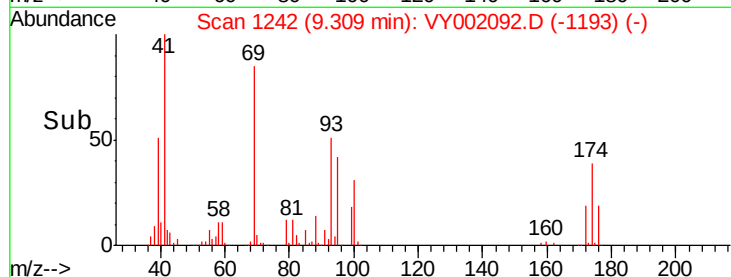
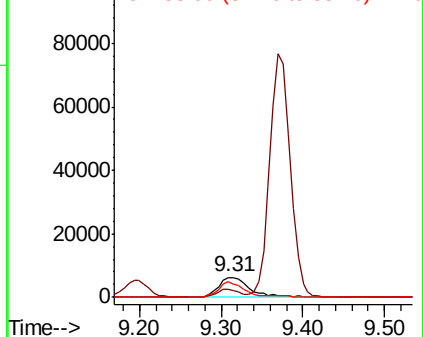
#49
1,4-Dioxane
Concen: 1097.022 ug/l
RT: 9.31 min Scan# 1242
Delta R.T. 0.00 min
Lab File: VY002092.D
Acq: 26 Mar 2020 18:18

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 88 Resp: 16994
Ion Ratio Lower Upper
88 100
43 30.9 27.2 40.8
58 63.6 59.8 89.8

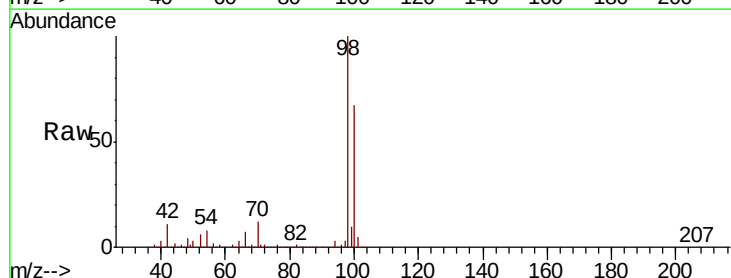


Abundance Ion 88.00 (87.70 to 88.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0

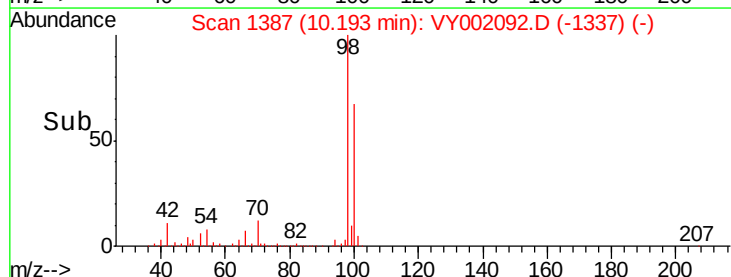
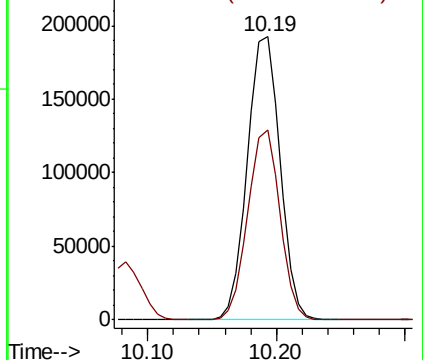


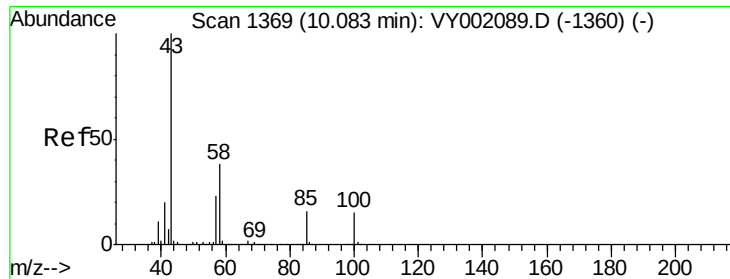
#50
Toluene-d8
Concen: 47.009 ug/l
RT: 10.19 min Scan# 1387
Delta R.T. 0.01 min
Lab File: VY002092.D
Acq: 26 Mar 2020 18:18

Tgt Ion: 98 Resp: 337163
Ion Ratio Lower Upper
98 100
100 66.0 51.6 77.4



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

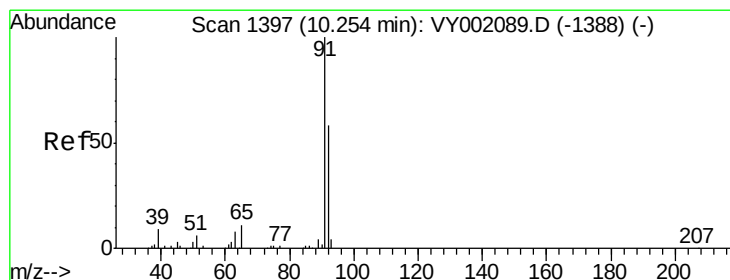
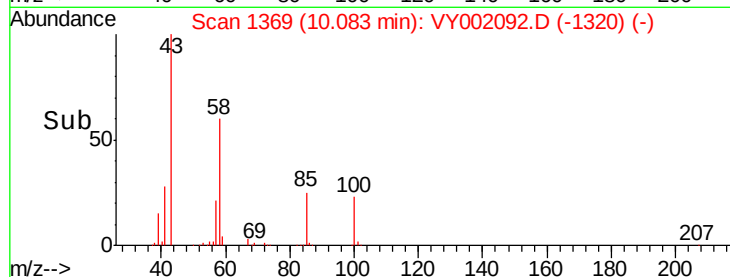
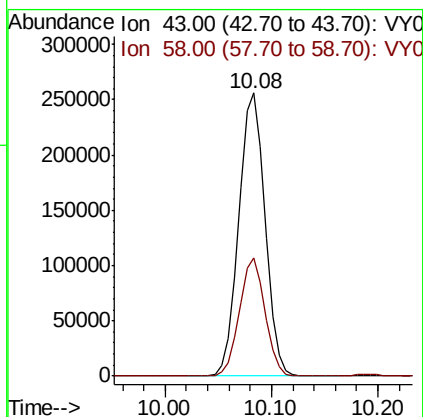
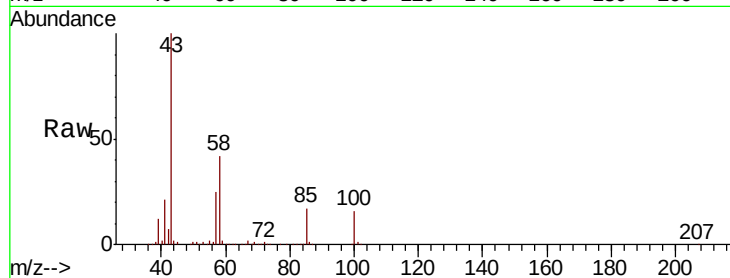




#51
 4-Methyl-2-Pentanone
 Concen: 264.367 ug/l
 RT: 10.08 min Scan# 1369
 Delta R.T. 0.00 min
 Lab File: VY002092.D
 Acq: 26 Mar 2020 18:18

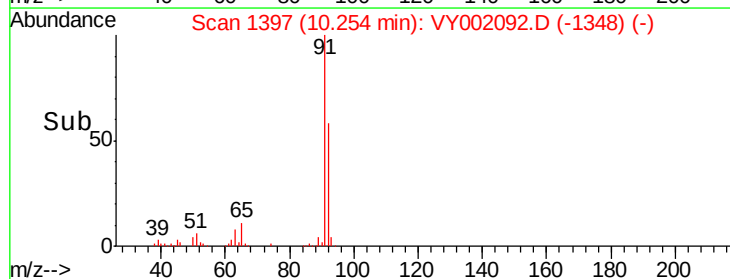
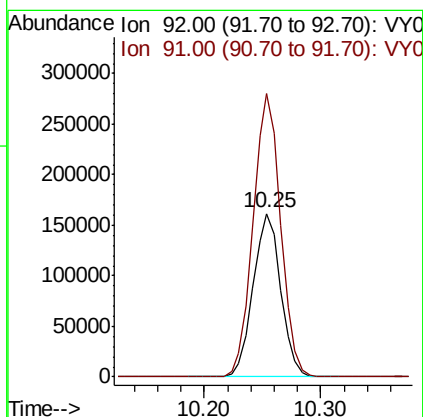
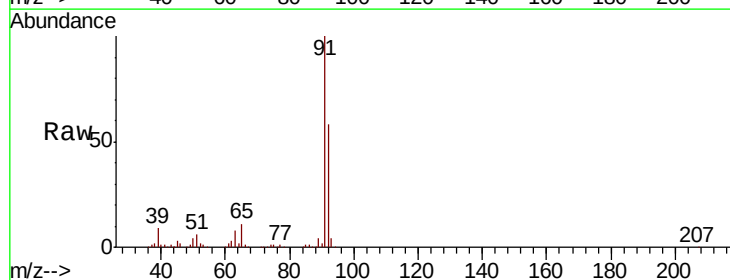
Instrument :
 MSVOA_Y
 ClientSampled :

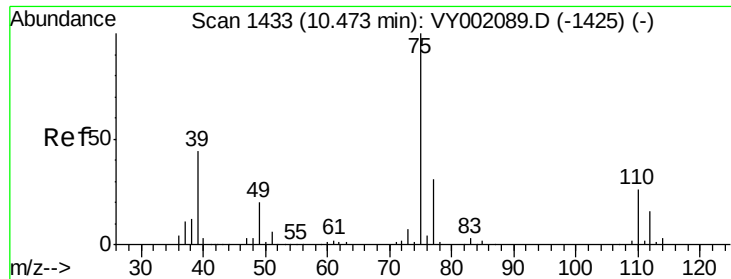
Tot Ion: 43 Resp: 444988
 Ion Ratio Lower Upper
 43 100
 58 40.6 31.6 47.4



#52
 Toluene
 Concen: 51.124 ug/l
 RT: 10.25 min Scan# 1397
 Delta R.T. 0.00 min
 Lab File: VY002092.D
 Acq: 26 Mar 2020 18:18

Tgt Ion: 92 Resp: 266944
 Ion Ratio Lower Upper
 92 100
 91 172.8 139.3 208.9





#53

t-1,3-Dichloropropene

Concen: 53.005 ug/l

RT: 10.47 min Scan# 1433

Delta R.T. 0.00 min

Lab File: VY002092.D

Acq: 26 Mar 2020 18:18

Instrument :

MSVOA_Y

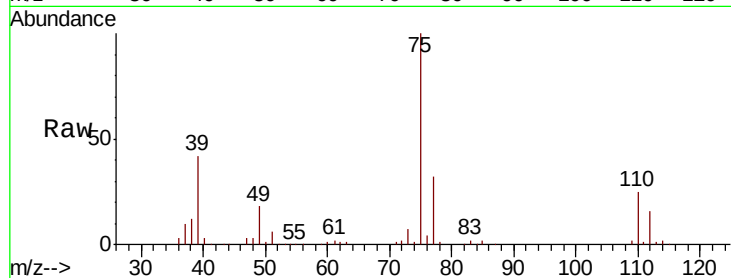
ClientSampled :

Tot Ion: 75 Resp: 154608

Ion Ratio Lower Upper

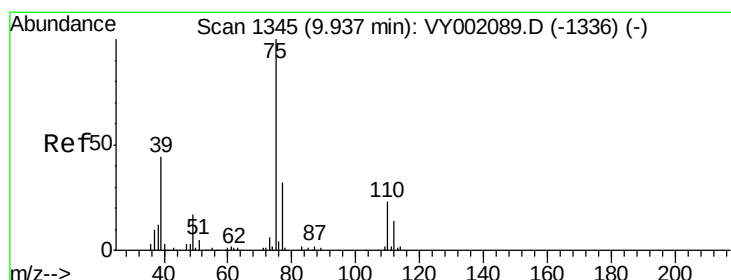
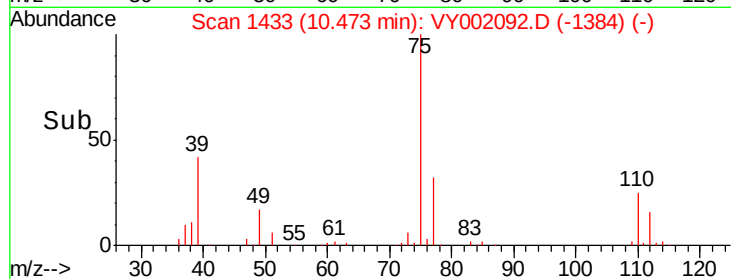
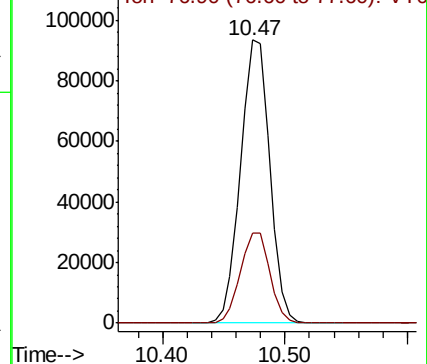
75 100

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



#54

cis-1,3-Dichloropropene

Concen: 52.568 ug/l

RT: 9.94 min Scan# 1346

Delta R.T. 0.01 min

Lab File: VY002092.D

Acq: 26 Mar 2020 18:18

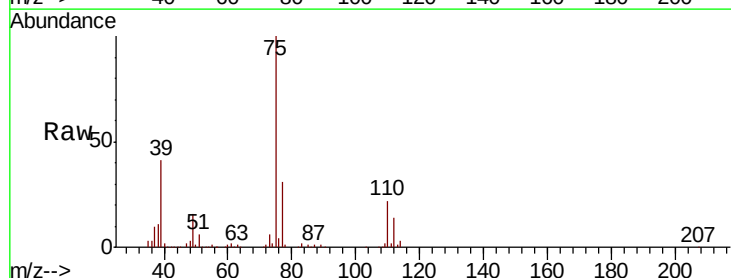
Tgt Ion: 75 Resp: 180532

Ion Ratio Lower Upper

75 100

77 30.9 25.6 38.4

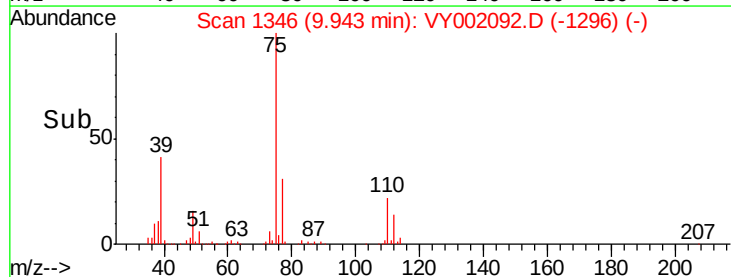
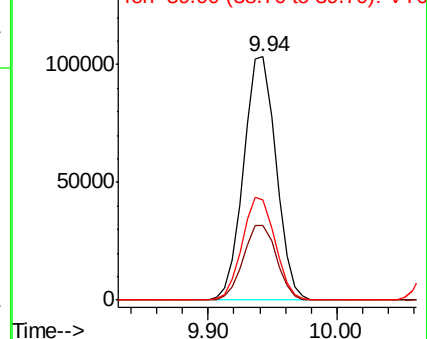
39 41.2 35.2 52.8

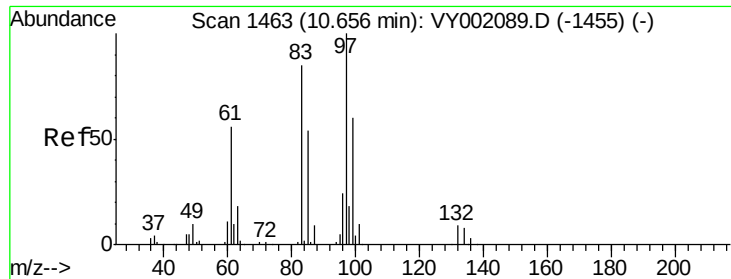


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0

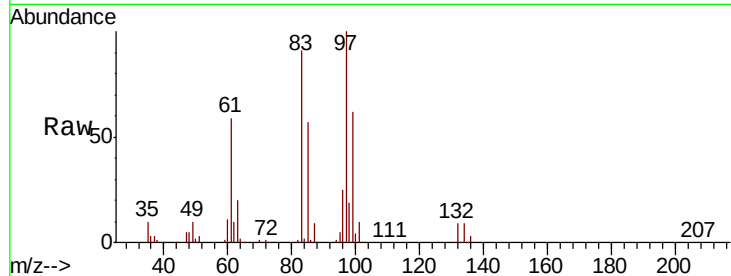




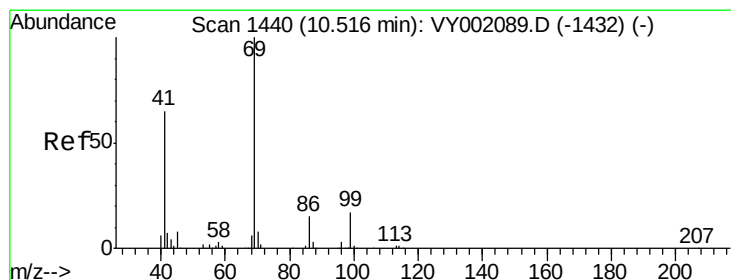
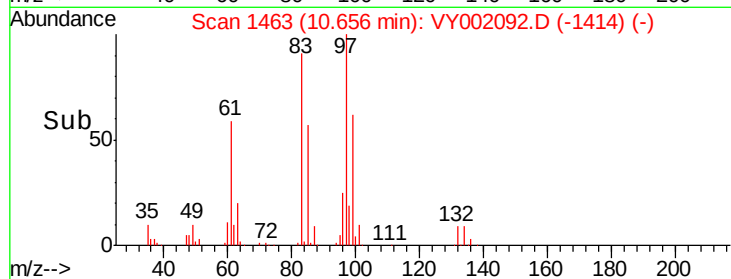
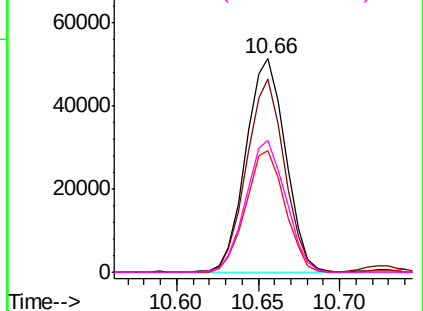
#55
 1,1,2-Trichloroethane
 Concen: 51.949 ug/l
 RT: 10.66 min Scan# 1463
 Delta R.T. 0.00 min
 Lab File: VY002092.D
 Acq: 26 Mar 2020 18:18

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion: 97 Resp: 86796
 Ion Ratio Lower Upper
 97 100
 83 90.7 68.2 102.2
 85 56.8 42.9 64.3
 99 62.1 47.9 71.9

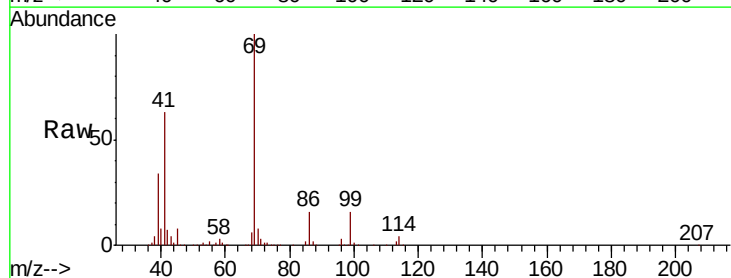


Abundance Ion 96.90 (96.60 to 97.60): VY0
 Ion 82.90 (82.60 to 83.60): VY0
 Ion 84.90 (84.60 to 85.60): VY0
 Ion 98.90 (98.60 to 99.60): VY0

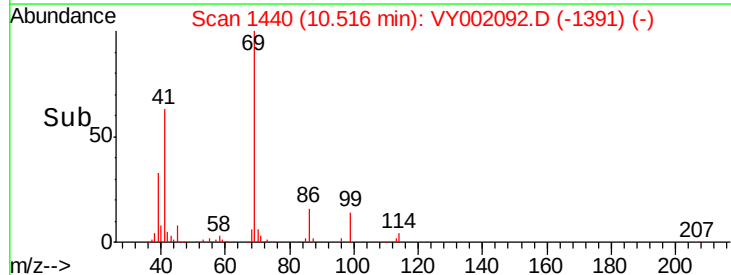
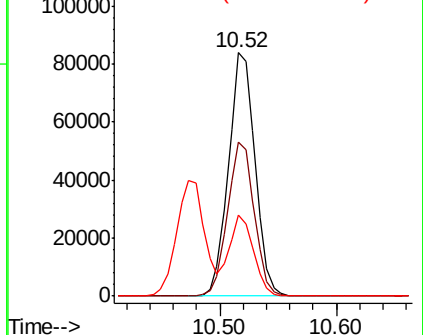


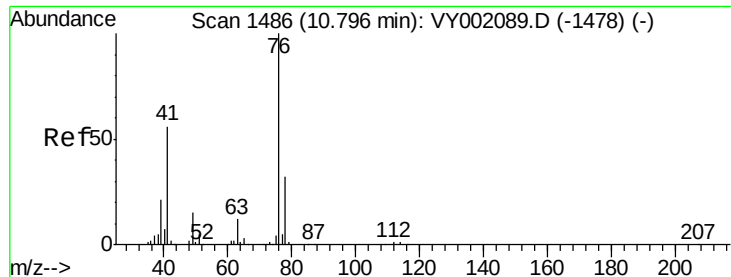
#56
 Ethyl methacrylate
 Concen: 54.429 ug/l
 RT: 10.52 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: VY002092.D
 Acq: 26 Mar 2020 18:18

Tgt Ion: 69 Resp: 132824
 Ion Ratio Lower Upper
 69 100
 41 64.4 52.8 79.2
 39 31.0 25.0 37.6



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





#57

1,3-Dichloropropane

Concen: 52.630 ug/l

RT: 10.80 min Scan# 1486

Delta R.T. 0.00 min

Lab File: VY002092.D

Acq: 26 Mar 2020 18:18

Instrument :

MSVOA_Y

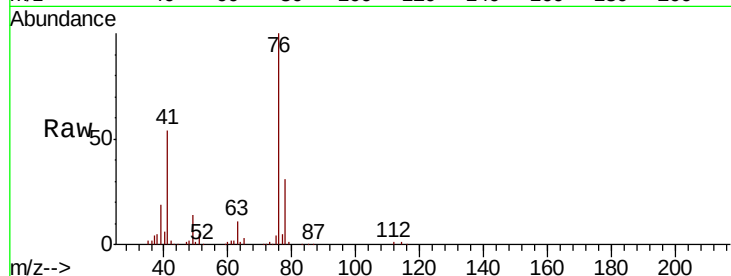
ClientSampled :

Tot Ion: 76 Resp: 155361

Ion Ratio Lower Upper

76 100

78 32.1 26.1 39.1



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

10.80

80000

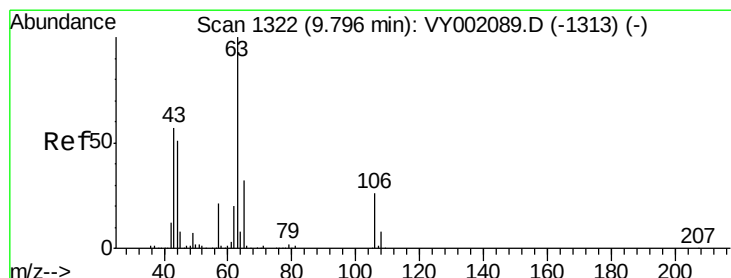
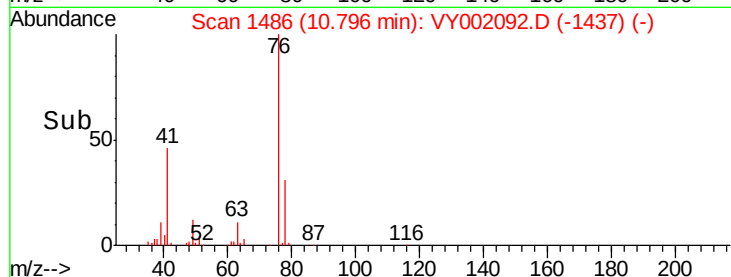
60000

40000

20000

0

Time--> 10.70 10.75 10.80 10.85



#58

2-Chloroethyl Vinyl ether

Concen: 255.163 ug/l

RT: 9.80 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VY002092.D

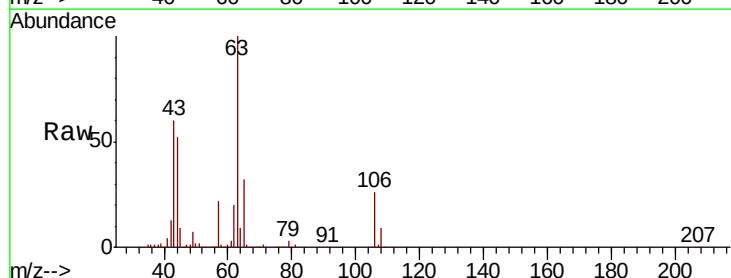
Acq: 26 Mar 2020 18:18

Tgt Ion: 63 Resp: 319959

Ion Ratio Lower Upper

63 100

106 26.4 21.0 31.4



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

9.80

200000

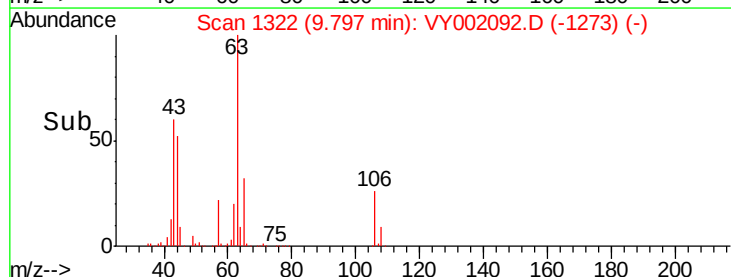
150000

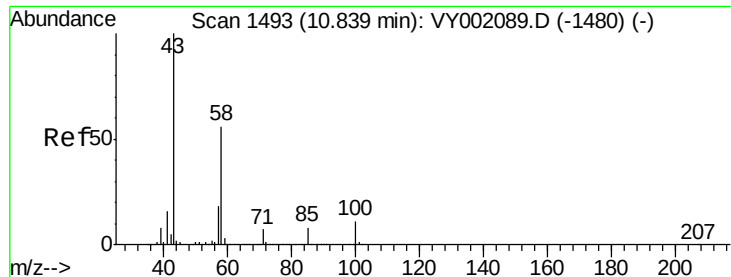
100000

50000

0

Time--> 9.70 9.75 9.80 9.85





#59

2-Hexanone

Concen: 263.116 ug/l

RT: 10.84 min Scan# 1493

Delta R.T. 0.00 min

Lab File: VY002092.D

Acq: 26 Mar 2020 18:18

Instrument :

MSVOA_Y

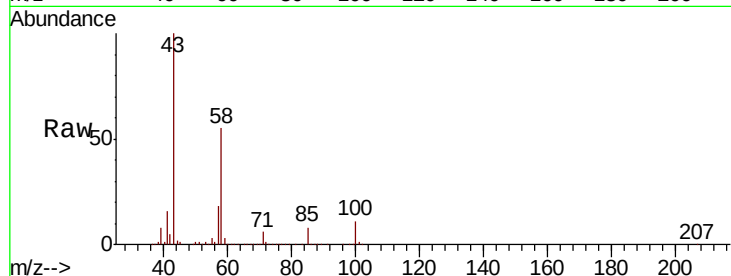
ClientSampled :

Tot Ion: 43 Resp: 311975

Ion Ratio Lower Upper

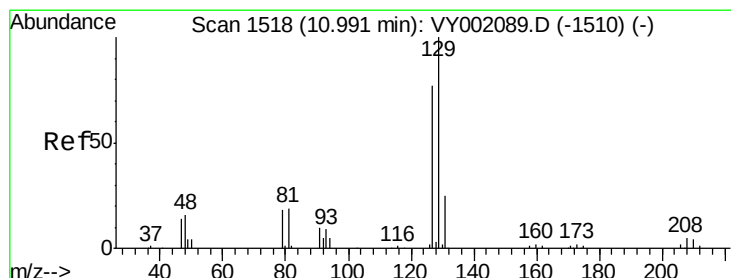
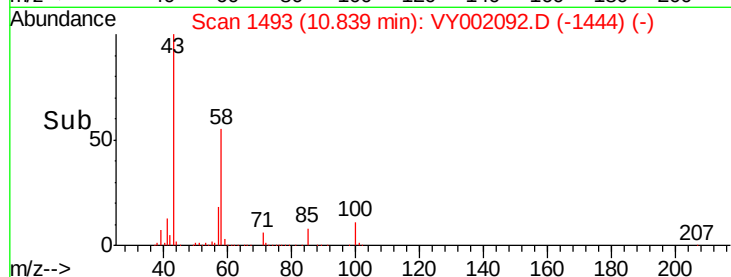
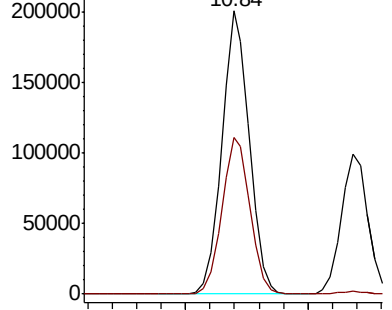
43 100

58 56.7 27.9 83.6



Abundance Ion 43.00 (42.70 to 43.70): VY002089.D (-1480) (-)

Ion 58.00 (57.70 to 58.70): VY002089.D (-1480) (-)



#60

Dibromochloromethane

Concen: 53.642 ug/l

RT: 10.99 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VY002092.D

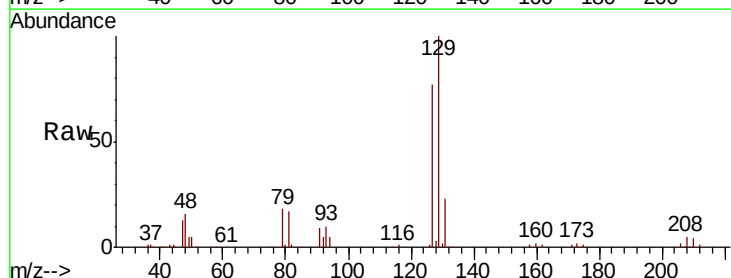
Acq: 26 Mar 2020 18:18

Tgt Ion: 129 Resp: 93784

Ion Ratio Lower Upper

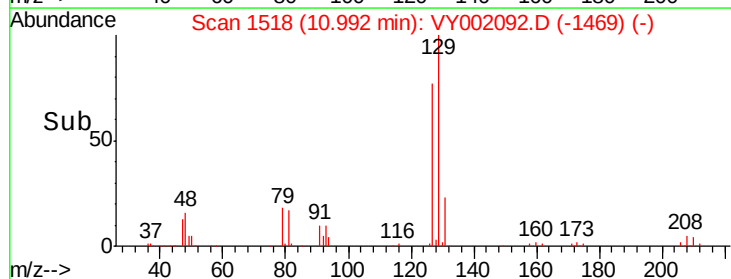
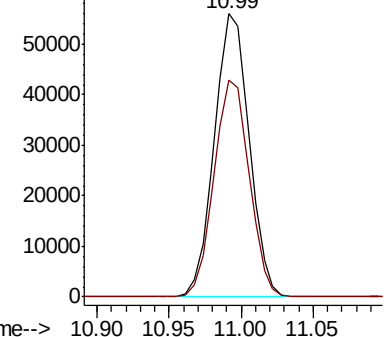
129 100

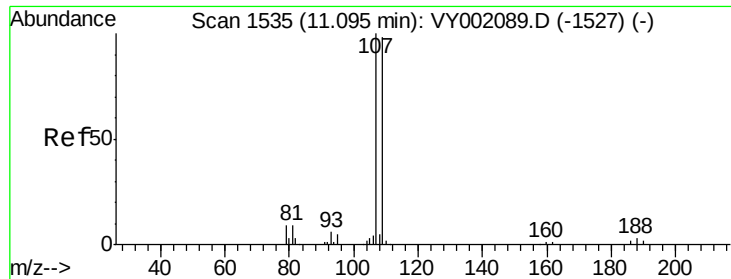
127 77.5 38.7 116.1



Abundance Ion 128.80 (128.50 to 129.50): VY002089.D (-1510) (-)

Ion 126.80 (126.50 to 127.50): VY002089.D (-1510) (-)

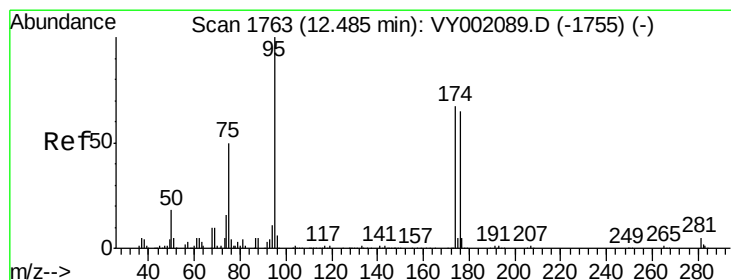
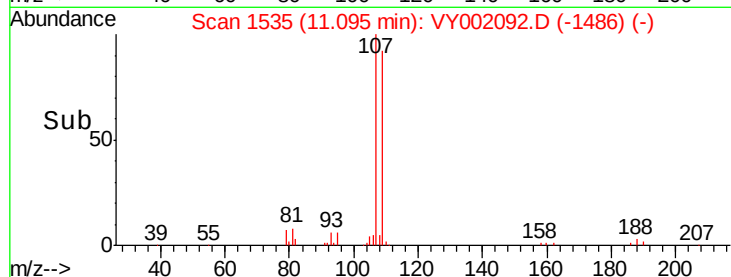
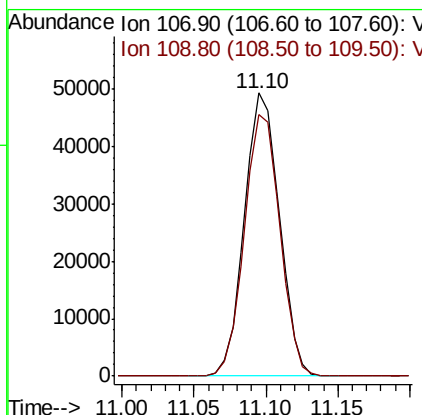
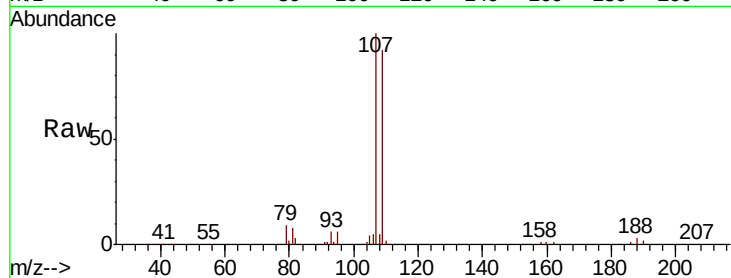




#61
 1,2-Dibromoethane
 Concen: 52.960 ug/l
 RT: 11.10 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VY002092.D
 Acq: 26 Mar 2020 18:18

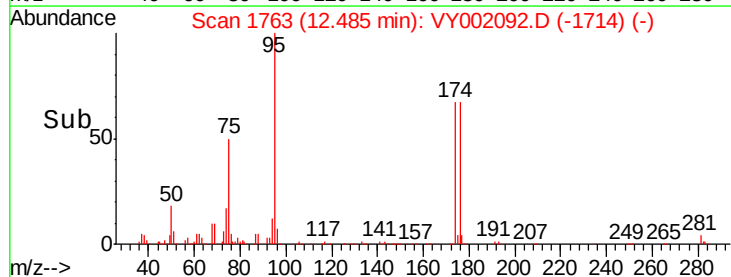
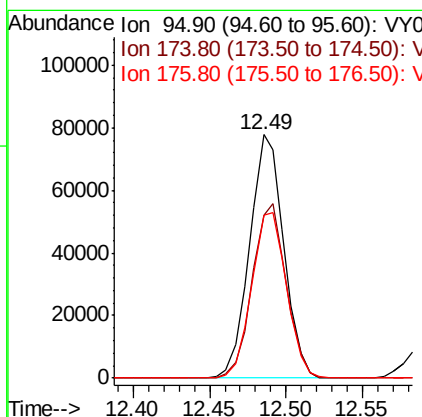
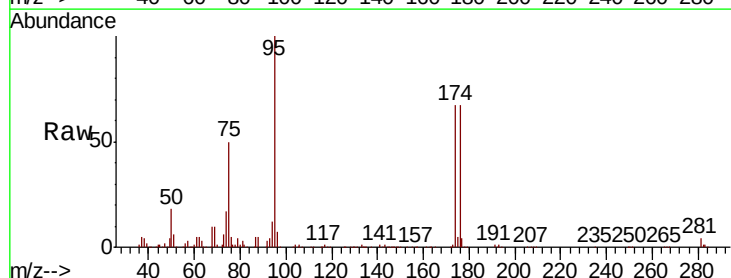
Instrument :
 MSVOA_Y
 ClientSampled :

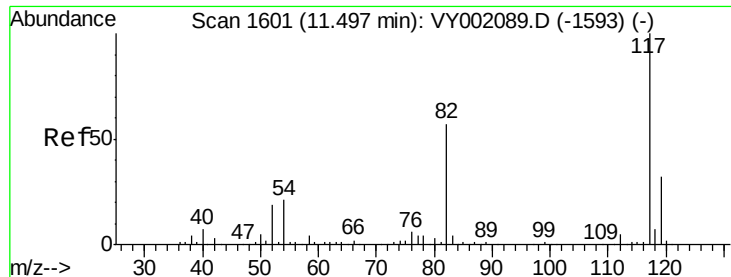
Tot Ion:107 Resp: 82821
 Ion Ratio Lower Upper
 107 100
 109 93.9 76.3 114.5



#62
 4-Bromofluorobenzene
 Concen: 48.057 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. 0.00 min
 Lab File: VY002092.D
 Acq: 26 Mar 2020 18:18

Tgt Ion: 95 Resp: 120545
 Ion Ratio Lower Upper
 95 100
 174 71.2 0.0 143.4
 176 69.7 0.0 137.0

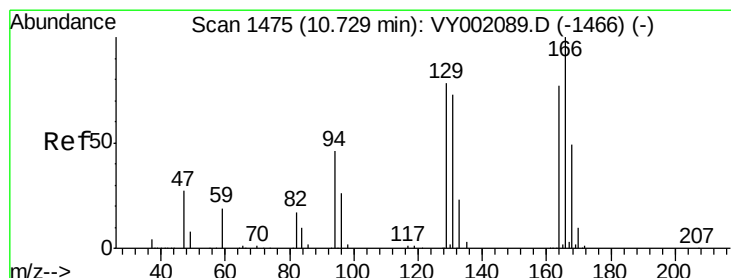
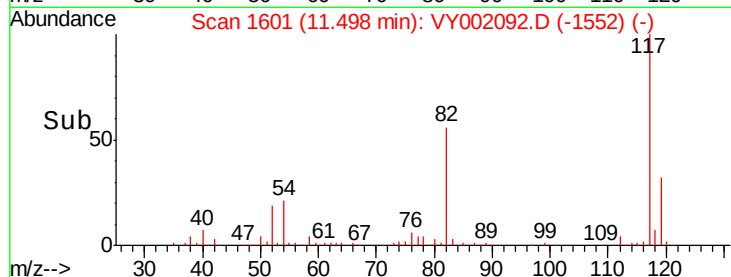
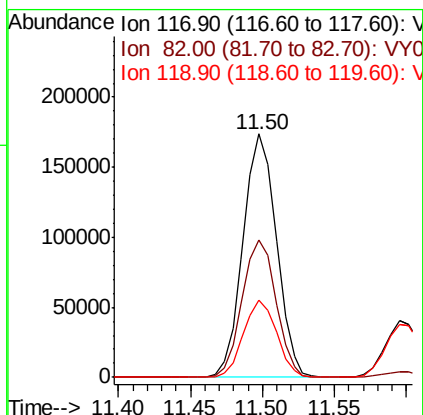
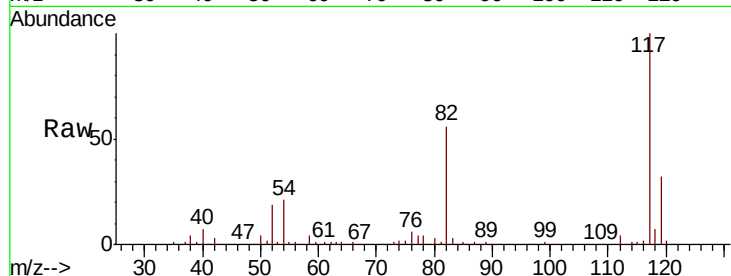




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VY002092.D
Acq: 26 Mar 2020 18:18

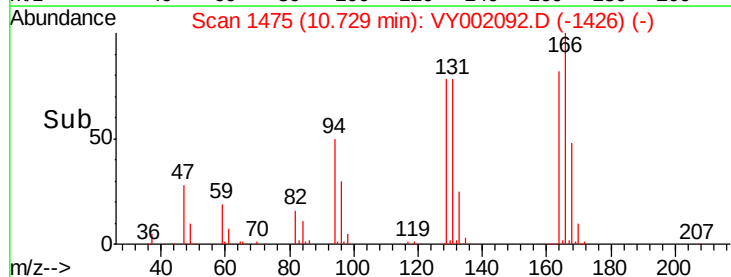
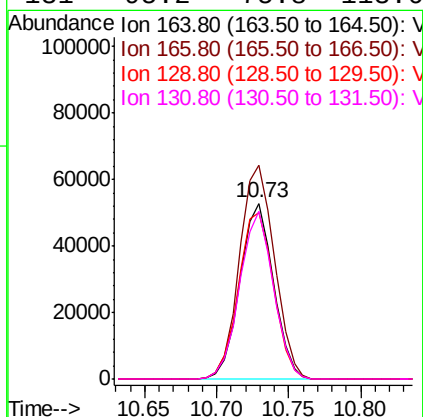
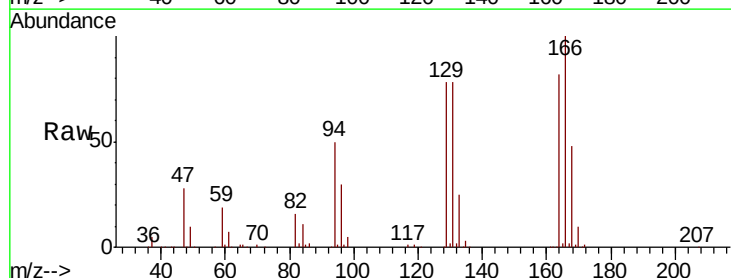
Instrument :
MSVOA_Y
ClientSampleId :

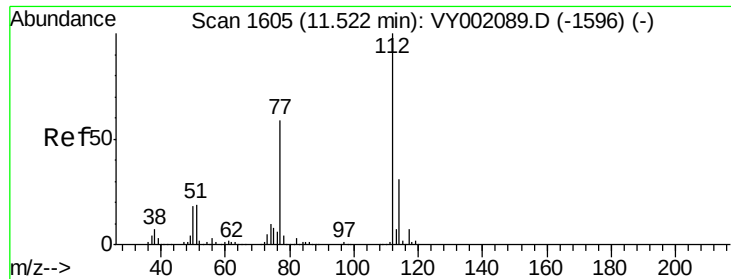
Tot Ion:117 Resp: 279111
Ion Ratio Lower Upper
117 100
82 56.4 45.4 68.2
119 31.8 25.3 37.9



#64
Tetrachloroethene
Concen: 49.899 ug/l
RT: 10.73 min Scan# 1475
Delta R.T. 0.00 min
Lab File: VY002092.D
Acq: 26 Mar 2020 18:18

Tgt Ion:164 Resp: 85210
Ion Ratio Lower Upper
164 100
166 121.6 104.0 156.0
129 94.5 81.2 121.8
131 95.2 75.8 113.6

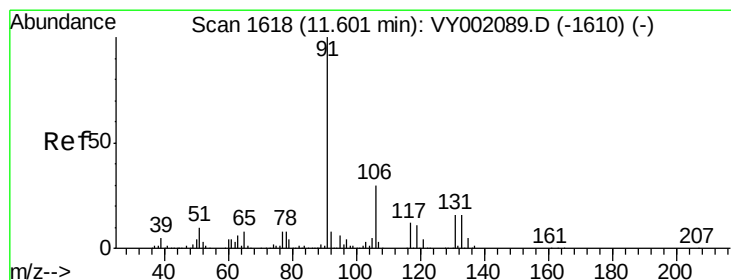
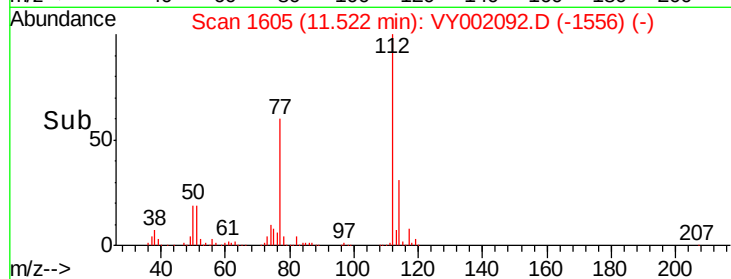
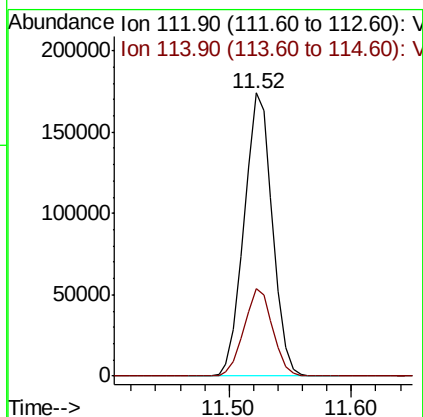
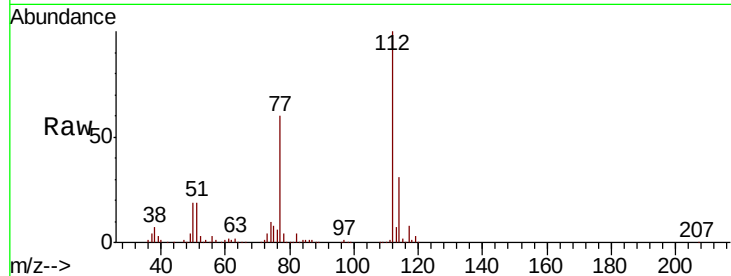




#65
Chlorobenzene
Concen: 51.717 ug/l
RT: 11.52 min Scan# 1605
Delta R.T. 0.00 min
Lab File: VY002092.D
Acq: 26 Mar 2020 18:18

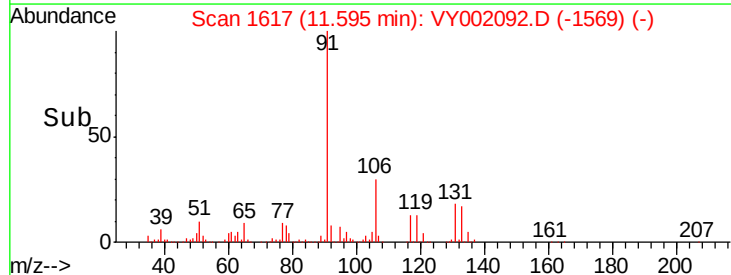
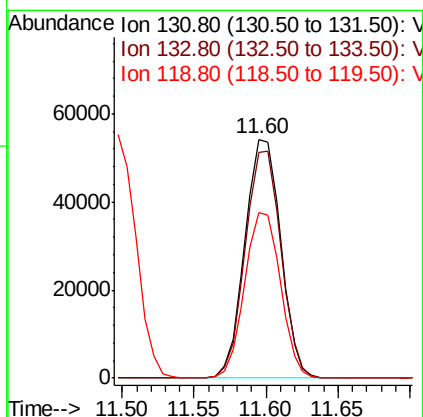
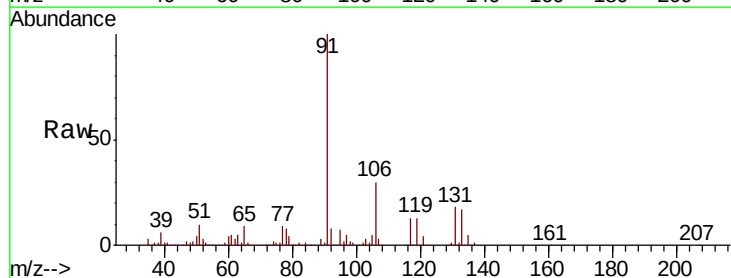
Instrument :
MSVOA_Y
ClientSampleId :

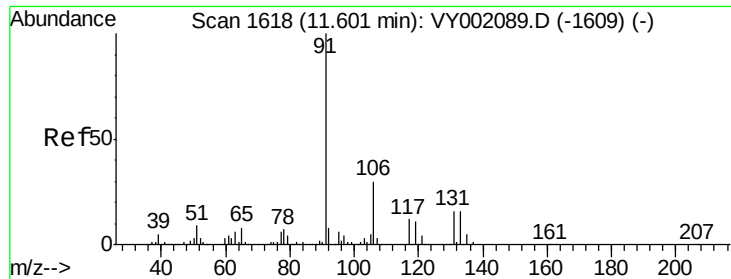
Tot Ion:112 Resp: 278636
Ion Ratio Lower Upper
112 100
114 30.9 24.9 37.3



#66
1,1,1,2-Tetrachloroethane
Concen: 51.910 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. -0.01 min
Lab File: VY002092.D
Acq: 26 Mar 2020 18:18

Tgt Ion:131 Resp: 93566
Ion Ratio Lower Upper
131 100
133 94.8 47.5 142.5
119 69.2 34.6 103.9

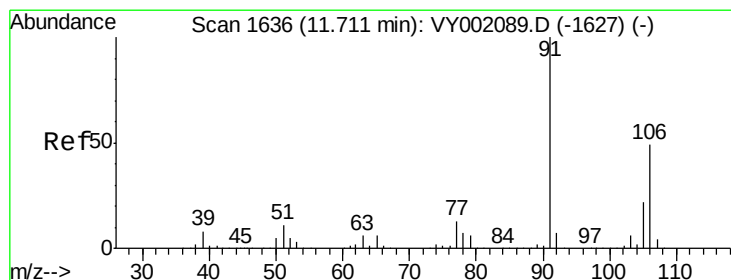
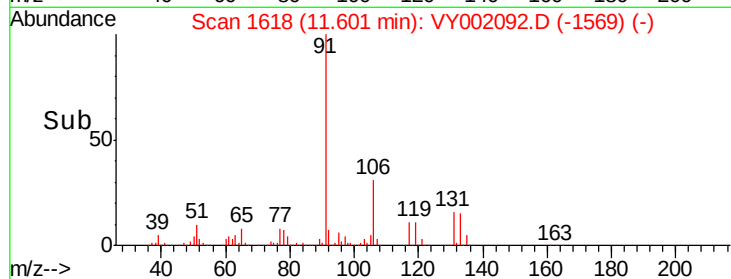
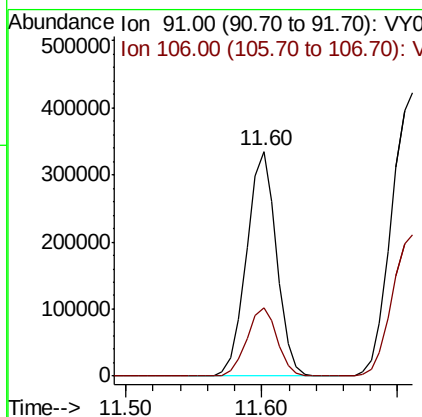
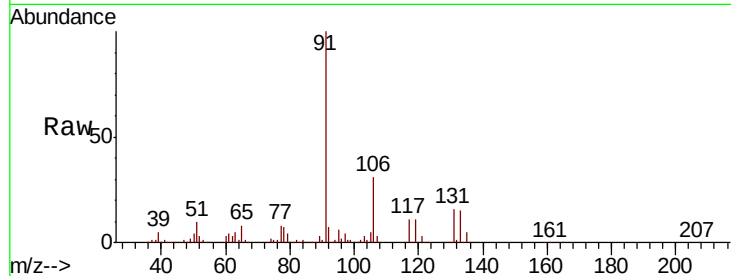




#67
Ethyl Benzene
Concen: 51.465 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VY002092.D
Acq: 26 Mar 2020 18:18

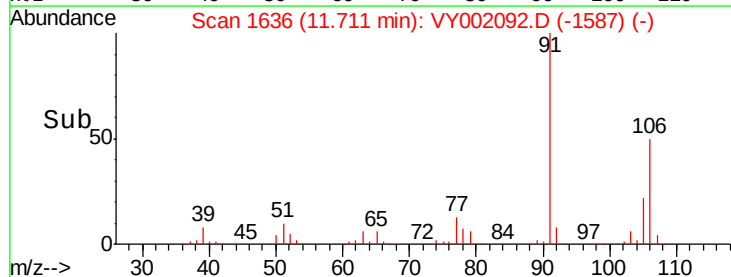
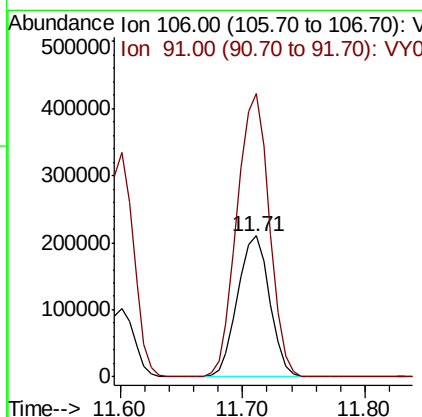
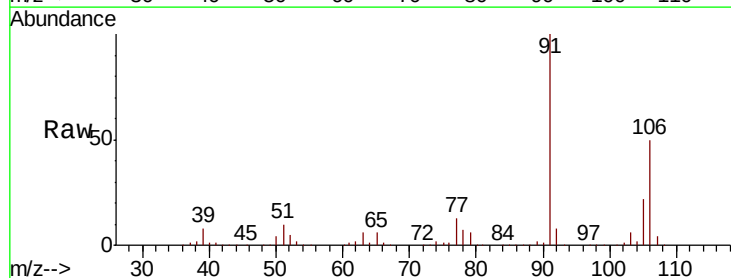
Instrument :
MSVOA_Y
ClientSampled :

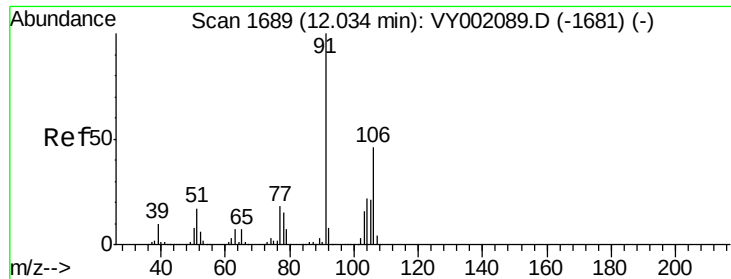
Tot Ion: 91 Resp: 514979
Ion Ratio Lower Upper
91 100
106 30.5 24.1 36.1



#68
m/p-Xylenes
Concen: 103.701 ug/l
RT: 11.71 min Scan# 1636
Delta R.T. 0.00 min
Lab File: VY002092.D
Acq: 26 Mar 2020 18:18

Tgt Ion: 106 Resp: 383670
Ion Ratio Lower Upper
106 100
91 202.0 162.8 244.2

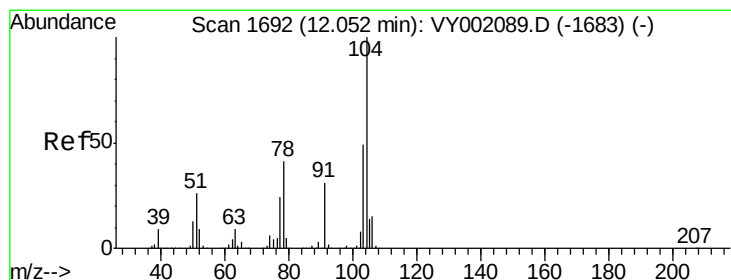
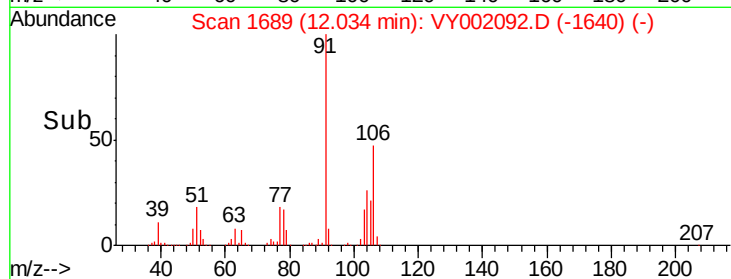
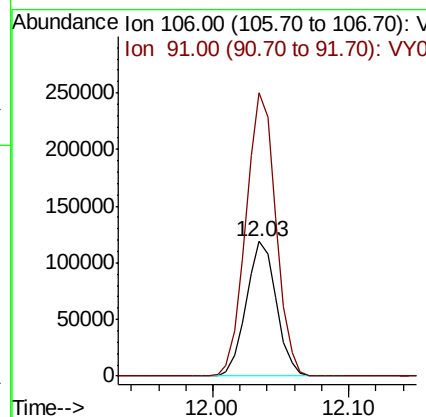
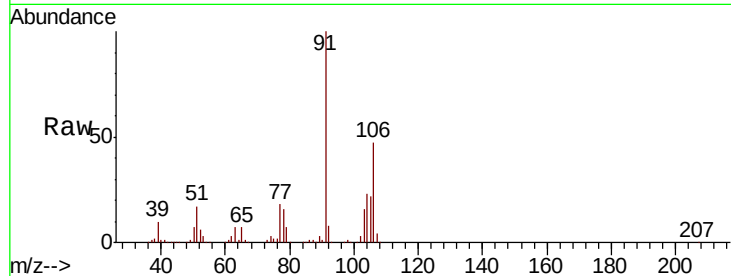




#69
o-Xylene
Concen: 52.133 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VY002092.D
Acq: 26 Mar 2020 18:18

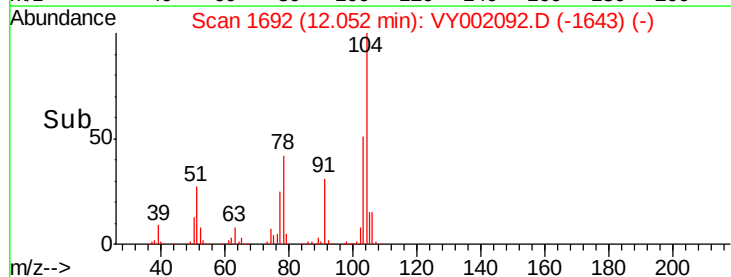
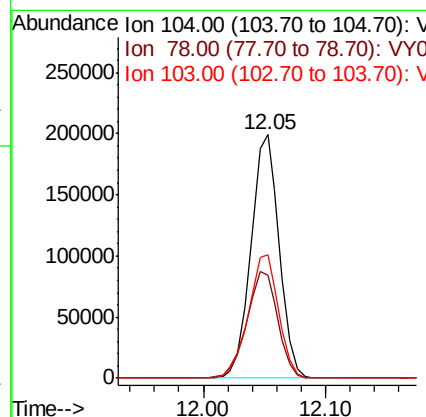
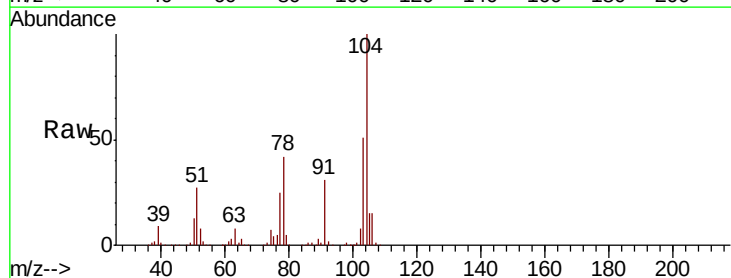
Instrument :
MSVOA_Y
ClientSampled :

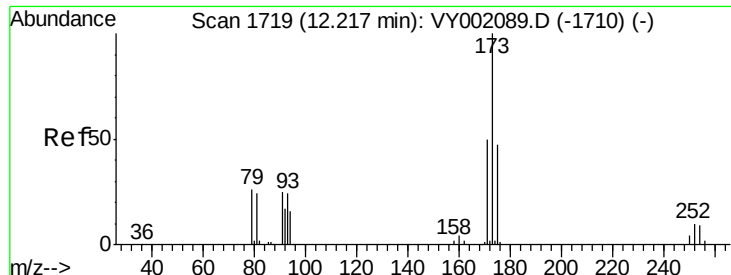
Tot Ion:106 Resp: 182968
Ion Ratio Lower Upper
106 100
91 211.1 107.3 321.8



#70
Styrene
Concen: 52.339 ug/l
RT: 12.05 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VY002092.D
Acq: 26 Mar 2020 18:18

Tgt Ion:104 Resp: 318299
Ion Ratio Lower Upper
104 100
78 48.3 37.9 56.9
103 54.4 43.2 64.8





#71

Bromoform

Concen: 53.712 ug/l

RT: 12.22 min Scan# 1719

Delta R.T. 0.00 min

Lab File: VY002092.D

Acq: 26 Mar 2020 18:18

Instrument :

MSVOA_Y

ClientSampled :

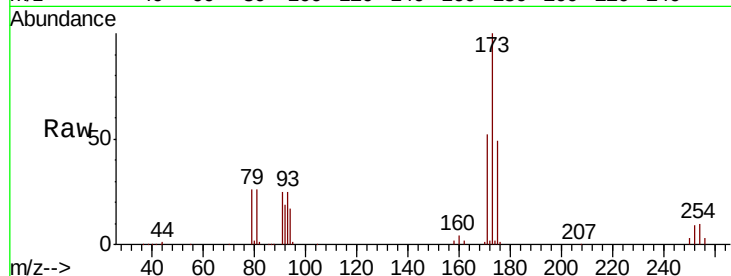
Tot Ion:173 Resp: 53026

Ion Ratio Lower Upper

173 100

175 49.3 23.9 71.8

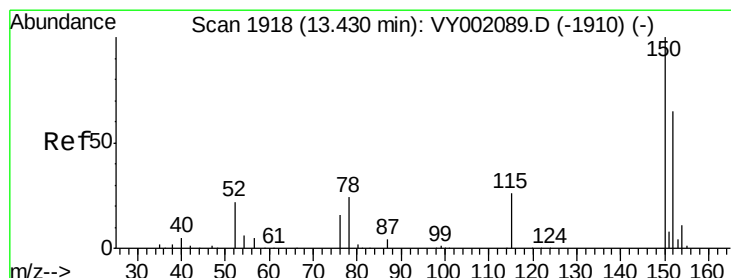
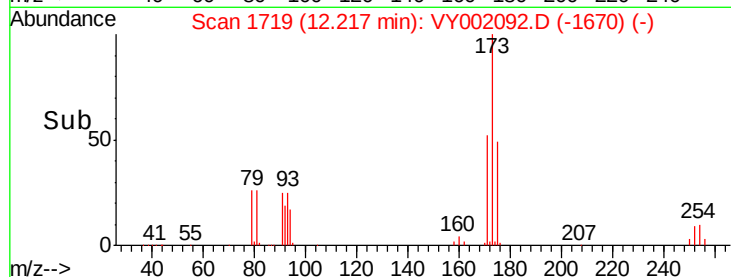
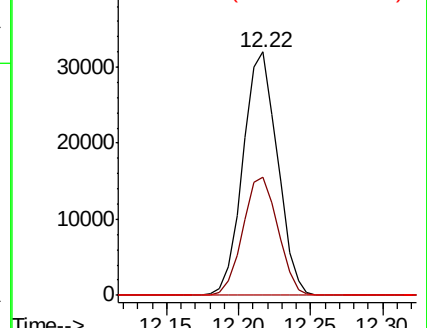
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.43 min Scan# 1918

Delta R.T. 0.00 min

Lab File: VY002092.D

Acq: 26 Mar 2020 18:18

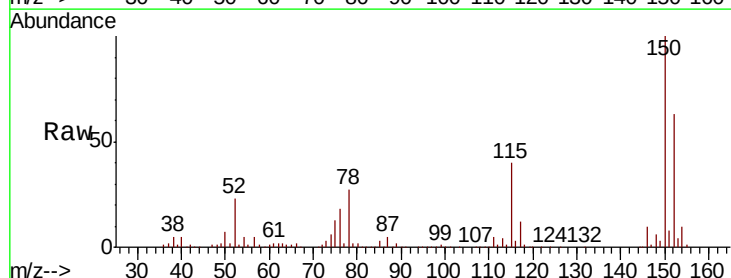
Tgt Ion:152 Resp: 129984

Ion Ratio Lower Upper

152 100

115 60.8 31.2 93.6

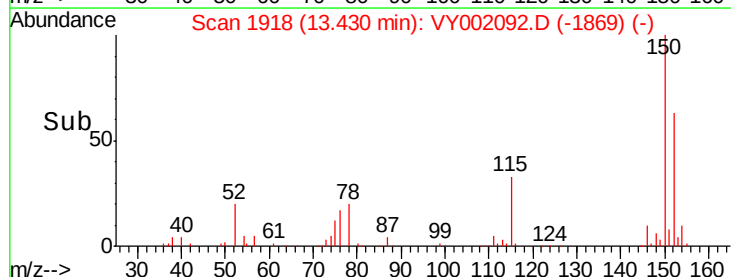
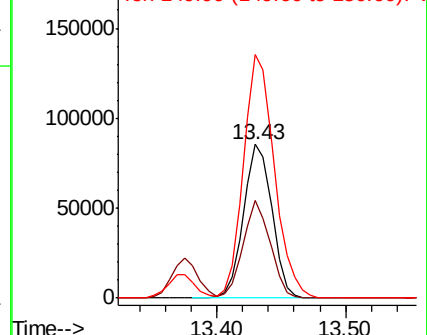
150 172.5 0.0 354.8

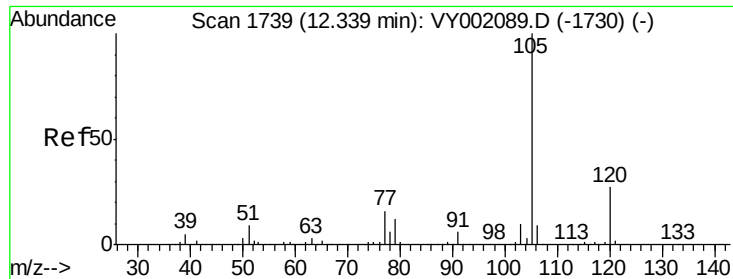


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.514 ug/l

RT: 12.34 min Scan# 1739

Delta R.T. 0.00 min

Lab File: VY002092.D

Acq: 26 Mar 2020 18:18

Instrument :

MSVOA_Y

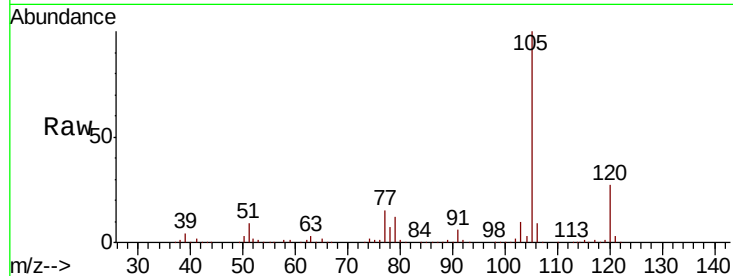
ClientSampleId :

Tot Ion:105 Resp: 487076

Ion Ratio Lower Upper

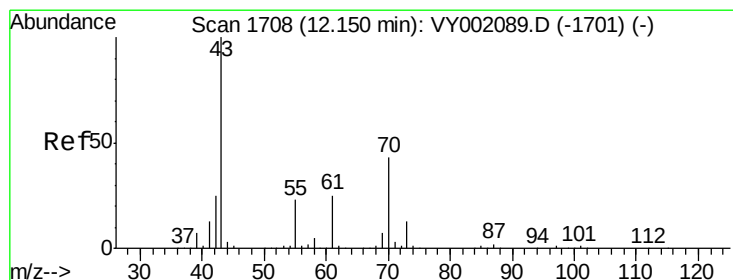
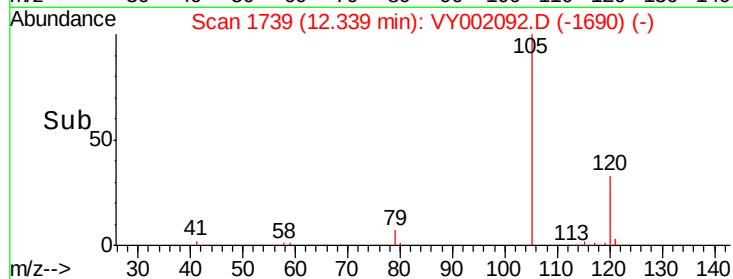
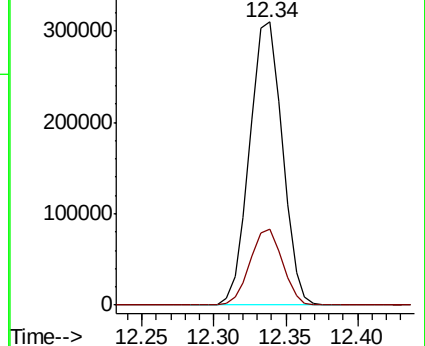
105 100

120 26.5 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 52.220 ug/l

RT: 12.15 min Scan# 1708

Delta R.T. 0.00 min

Lab File: VY002092.D

Acq: 26 Mar 2020 18:18

Tgt Ion: 43 Resp: 158806

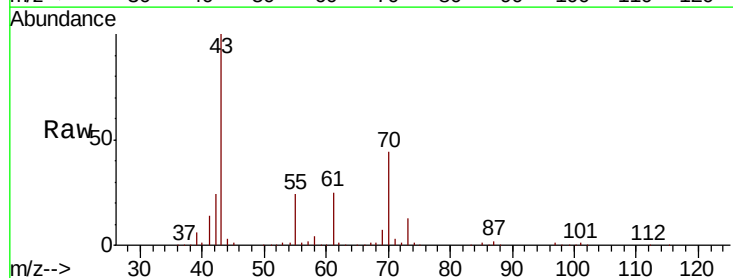
Ion Ratio Lower Upper

43 100

70 43.8 35.0 52.4

55 23.7 18.7 28.1

61 25.5 20.2 30.2

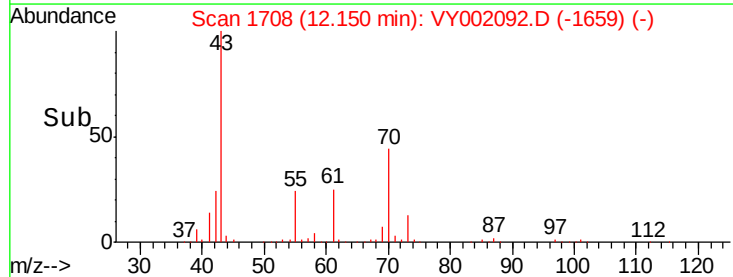
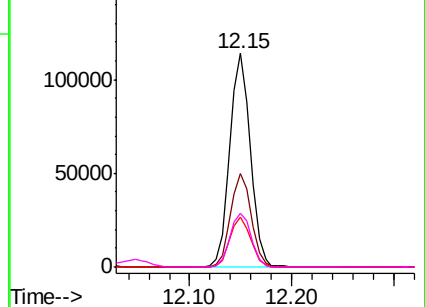


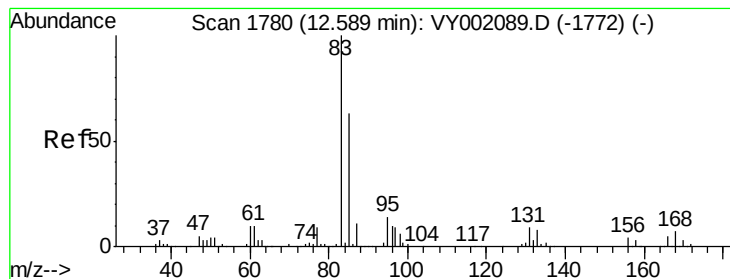
Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0





#75

1,1,2,2-Tetrachloroethane

Concen: 52.715 ug/l

RT: 12.59 min Scan# 1780

Delta R.T. 0.00 min

Lab File: VY002092.D

Acq: 26 Mar 2020 18:18

Instrument :

MSVOA_Y

ClientSampleId :

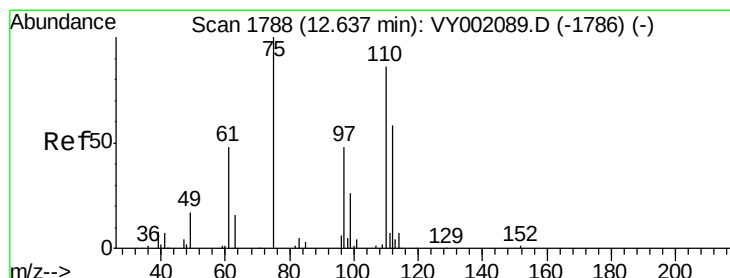
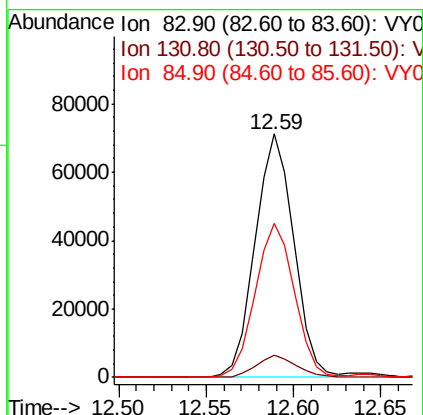
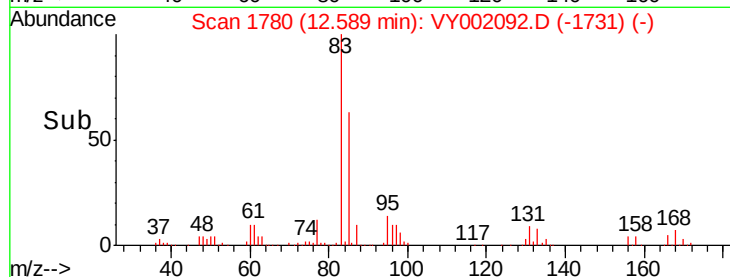
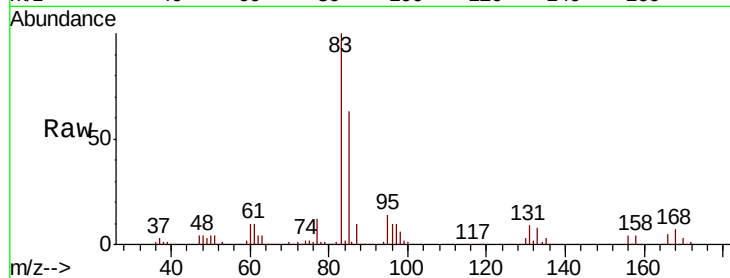
Tot Ion: 83 Resp: 109378

Ion Ratio Lower Upper

83 100

131 9.7 4.7 14.1

85 63.9 32.4 97.0



#76

1,2,3-Trichloropropane

Concen: 96.203 ug/l

RT: 12.64 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VY002092.D

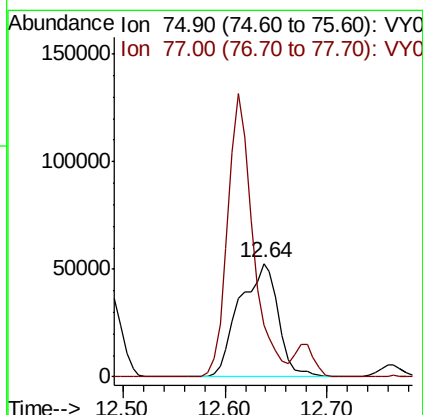
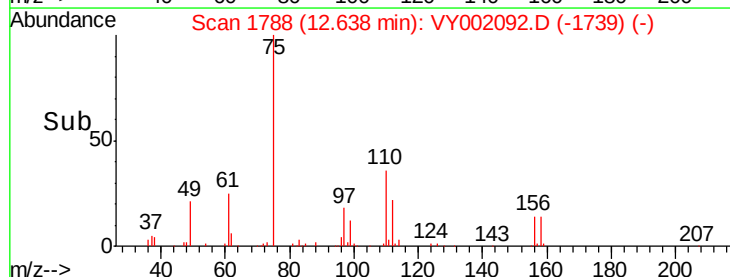
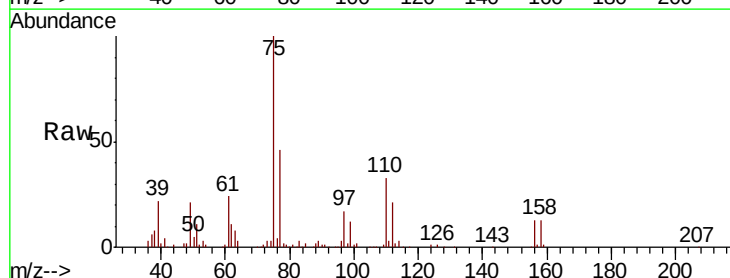
Acq: 26 Mar 2020 18:18

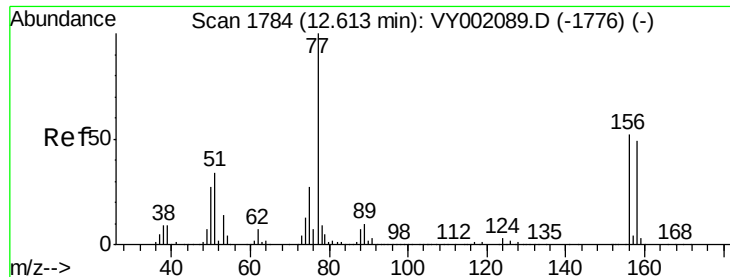
Tgt Ion: 75 Resp: 139878

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 51.419 ug/l

RT: 12.61 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VY002092.D

Acq: 26 Mar 2020 18:18

Instrument :

MSVOA_Y

ClientSampleId :

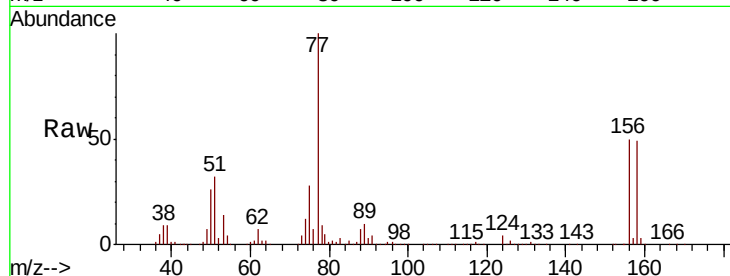
Tot Ion:156 Resp: 105839

Ion Ratio Lower Upper

156 100

77 215.5 107.8 323.6

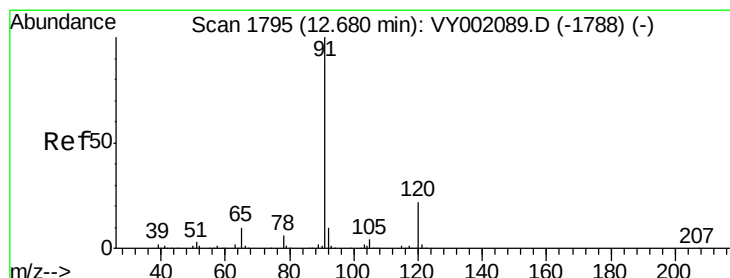
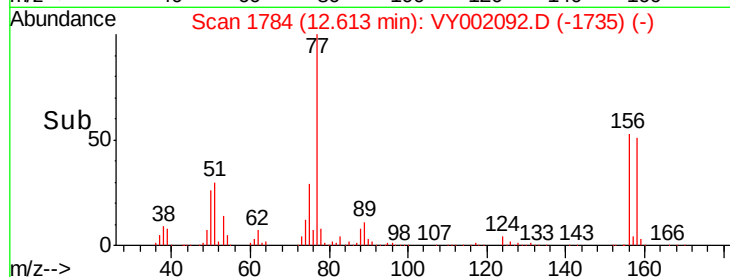
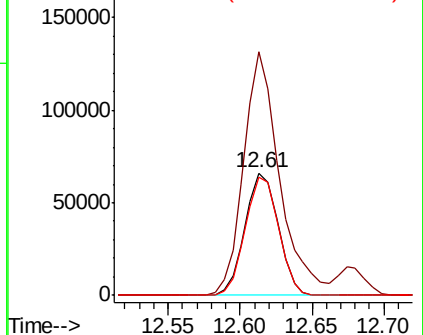
158 97.0 47.5 142.6



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: 50.634 ug/l

RT: 12.68 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VY002092.D

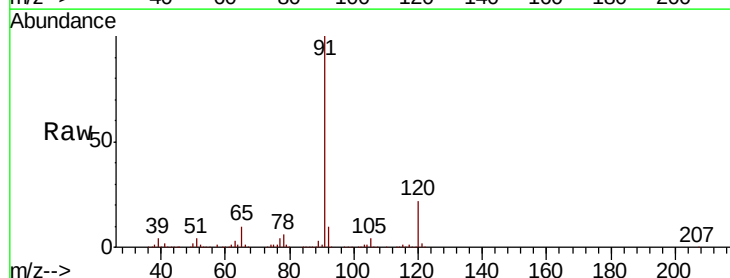
Acq: 26 Mar 2020 18:18

Tgt Ion: 91 Resp: 605882

Ion Ratio Lower Upper

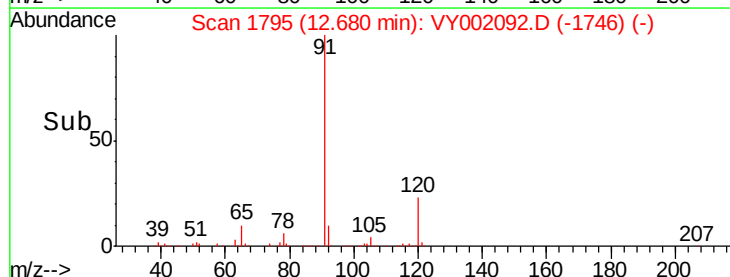
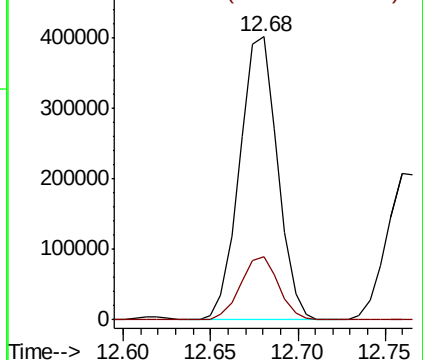
91 100

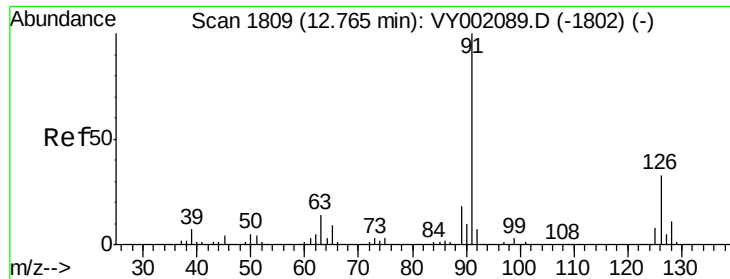
120 22.2 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

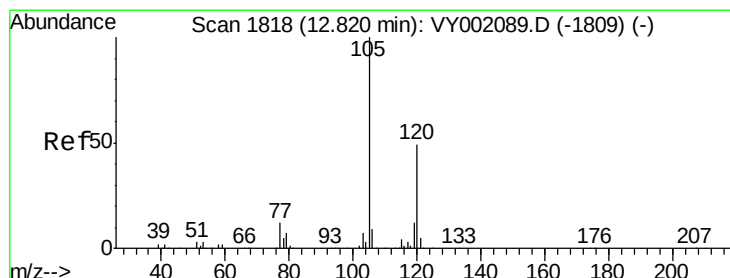
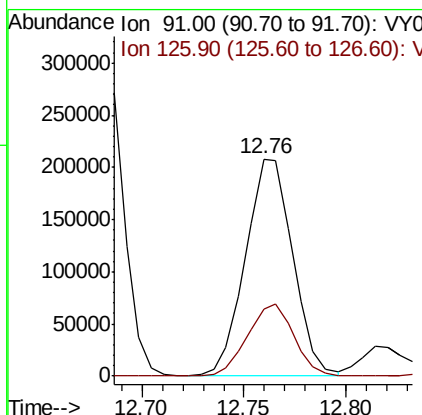
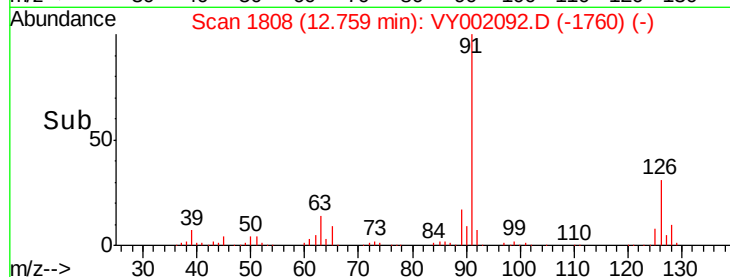
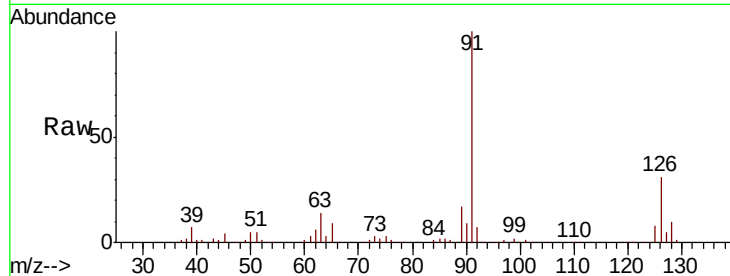




#79
 2-Chlorotoluene
 Concen: 51.146 ug/l
 RT: 12.76 min Scan# 1808
 Delta R.T. -0.01 min
 Lab File: VY002092.D
 Acq: 26 Mar 2020 18:18

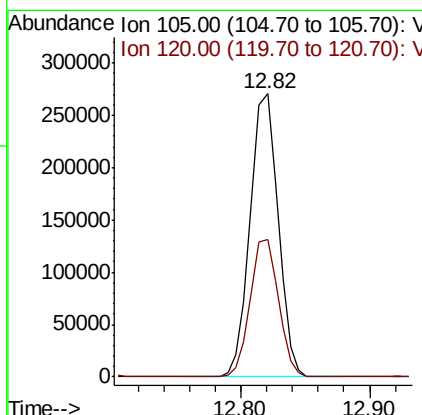
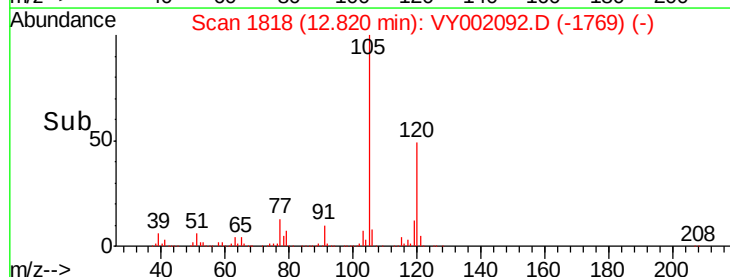
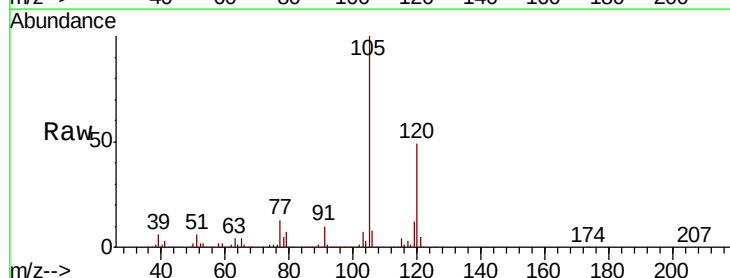
Instrument :
 MSVOA_Y
 ClientSampled :

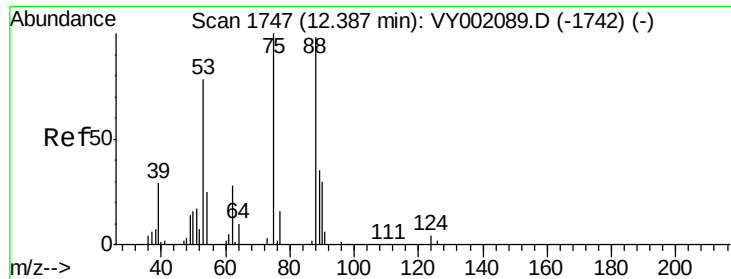
Tot Ion: 91 Resp: 336028
 Ion Ratio Lower Upper
 91 100
 126 32.5 16.4 49.1



#80
 1,3,5-Trimethylbenzene
 Concen: 51.158 ug/l
 RT: 12.82 min Scan# 1818
 Delta R.T. 0.00 min
 Lab File: VY002092.D
 Acq: 26 Mar 2020 18:18

Tgt Ion: 105 Resp: 406974
 Ion Ratio Lower Upper
 105 100
 120 48.8 24.1 72.4





#81

trans-1,4-Dichloro-2-butene

Concen: 54.882 ug/l

RT: 12.39 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VY002092.D

Acq: 26 Mar 2020 18:18

Instrument :

MSVOA_Y

ClientSampleId :

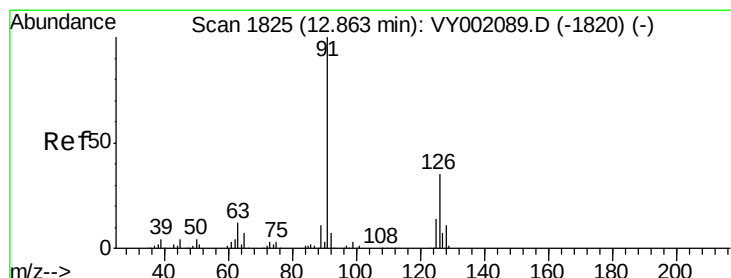
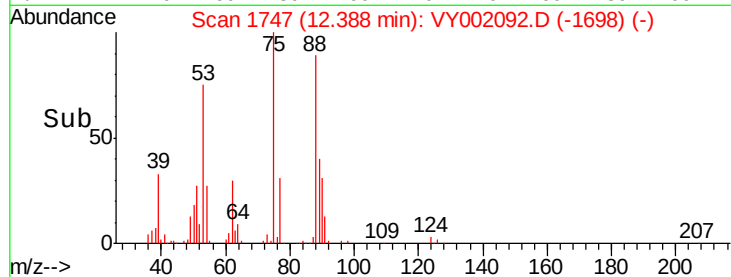
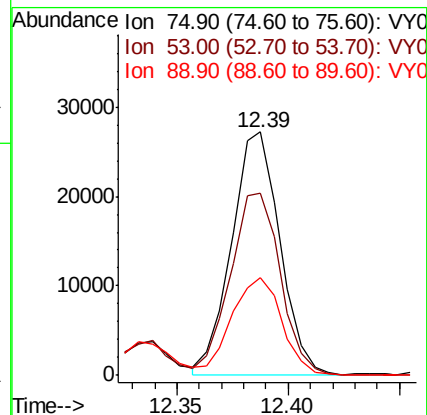
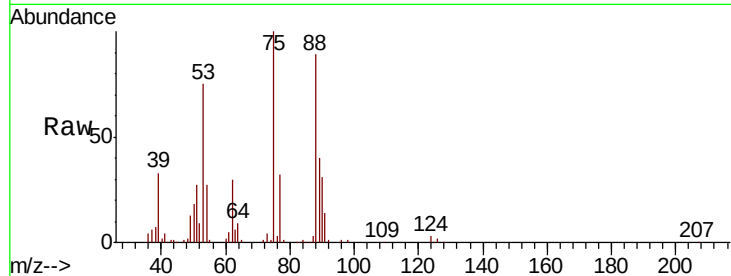
Tot Ion: 75 Resp: 41189

Ion Ratio Lower Upper

75 100

53 77.6 65.0 97.4

89 41.9 33.4 50.0



#82

4-Chlorotoluene

Concen: 50.739 ug/l

RT: 12.86 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VY002092.D

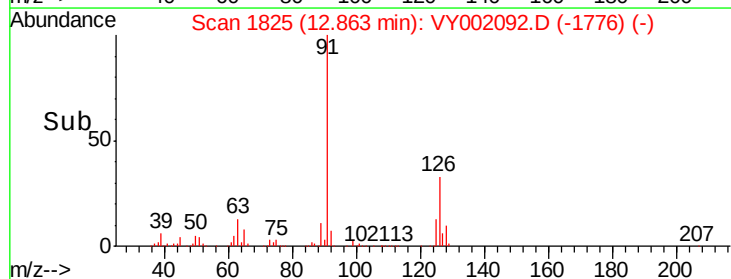
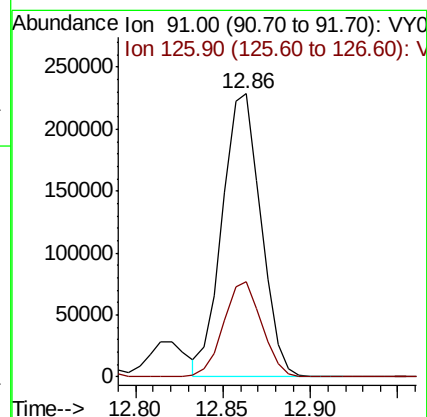
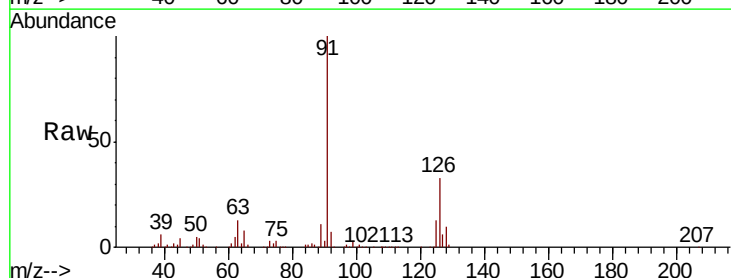
Acq: 26 Mar 2020 18:18

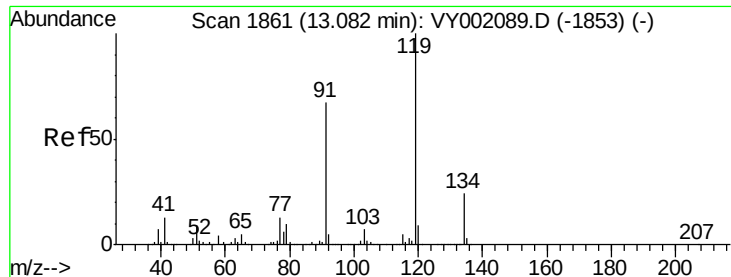
Tgt Ion: 91 Resp: 351278

Ion Ratio Lower Upper

91 100

126 33.2 16.3 48.9

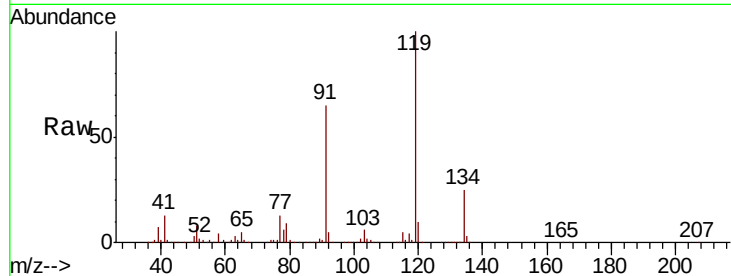




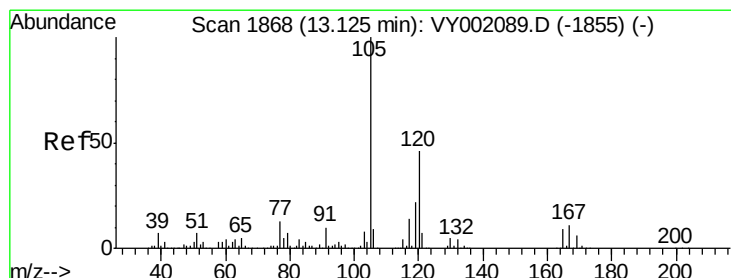
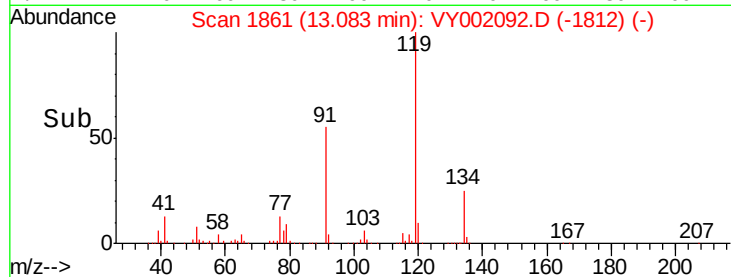
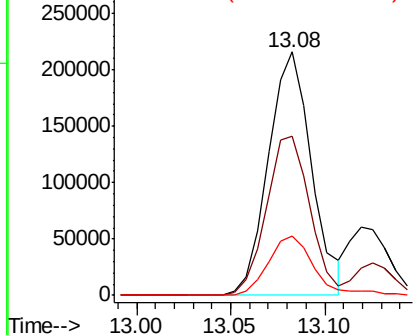
#83
 tert-Butylbenzene
 Concen: 51.853 ug/l
 RT: 13.08 min Scan# 1861
 Delta R.T. 0.00 min
 Lab File: VY002092.D
 Acq: 26 Mar 2020 18:18

Instrument :
 MSVOA_Y
 ClientSampled :

Tot Ion:119 Resp: 344322
 Ion Ratio Lower Upper
 119 100
 91 65.5 32.9 98.6
 134 26.1 13.0 38.9

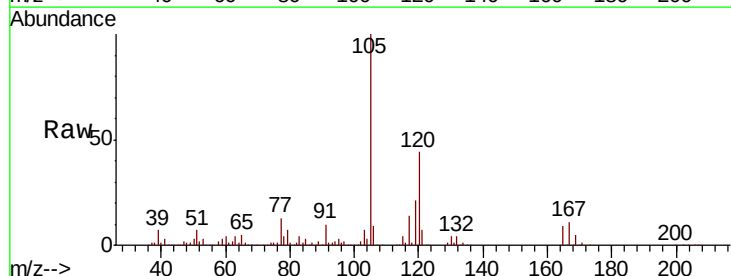


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VY0
 Ion 134.00 (133.70 to 134.70): V

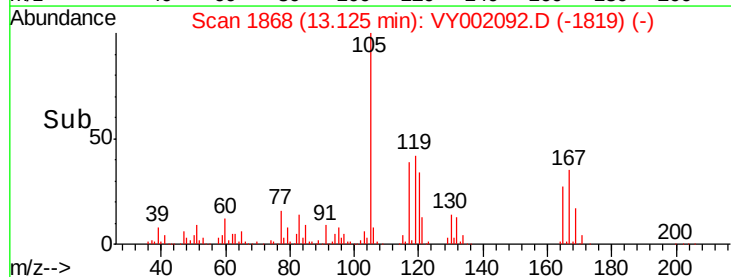
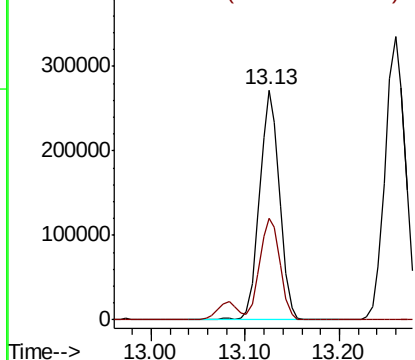


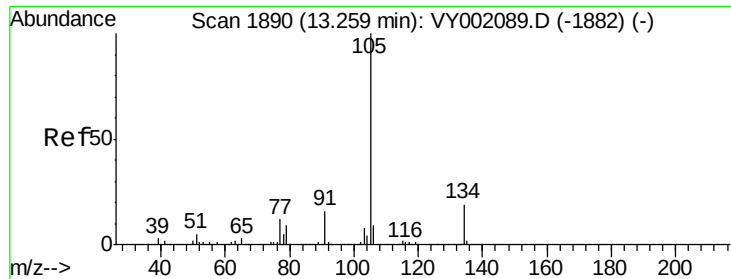
#84
 1,2,4-Trimethylbenzene
 Concen: 51.189 ug/l
 RT: 13.13 min Scan# 1868
 Delta R.T. 0.00 min
 Lab File: VY002092.D
 Acq: 26 Mar 2020 18:18

Tgt Ion:105 Resp: 406299
 Ion Ratio Lower Upper
 105 100
 120 44.8 22.9 68.5



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





#85

sec-Butylbenzene

Concen: 50.887 ug/l

RT: 13.26 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VY002092.D

Acq: 26 Mar 2020 18:18

Instrument :

MSVOA_Y

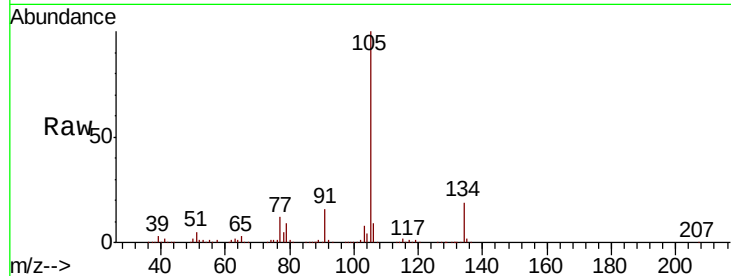
ClientSampleId :

Tot Ion:105 Resp: 500497

Ion Ratio Lower Upper

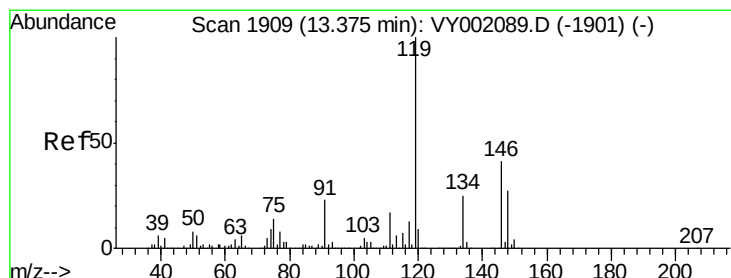
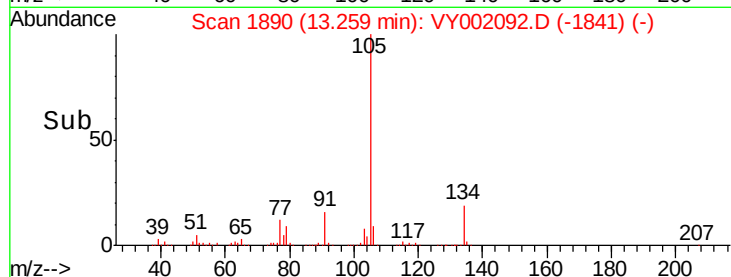
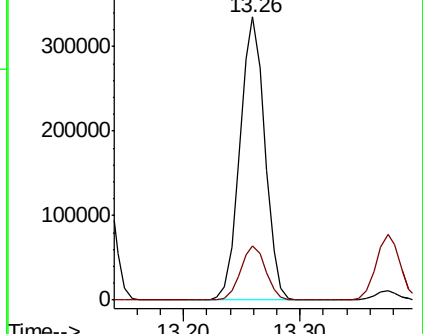
105 100

134 19.3 9.7 29.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 51.421 ug/l

RT: 13.38 min Scan# 1909

Delta R.T. 0.00 min

Lab File: VY002092.D

Acq: 26 Mar 2020 18:18

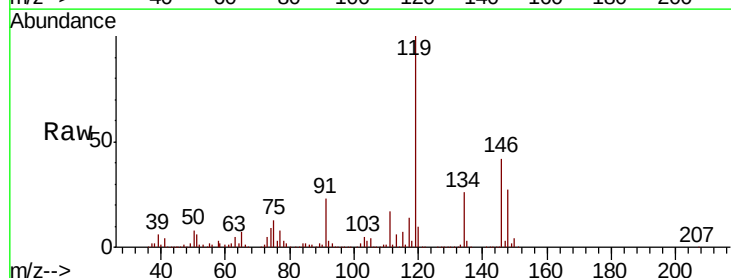
Tgt Ion:119 Resp: 434310

Ion Ratio Lower Upper

119 100

134 26.0 13.1 39.3

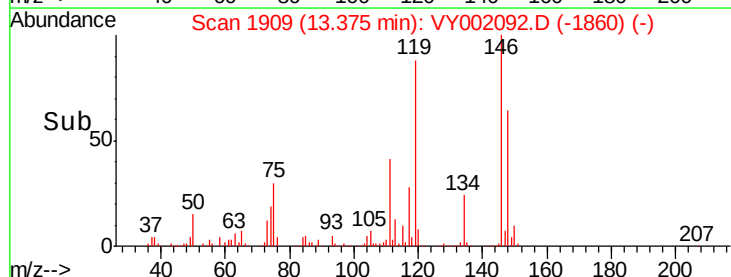
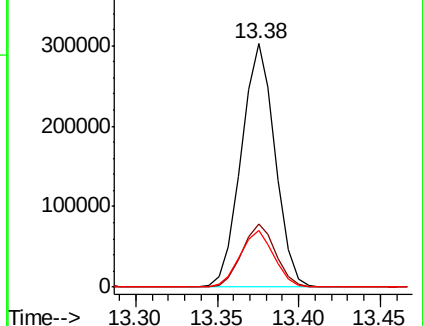
91 23.2 11.8 35.3

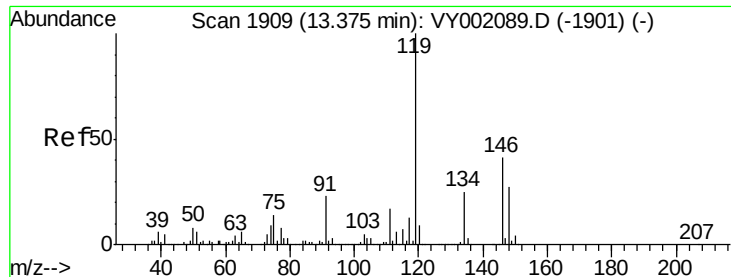


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

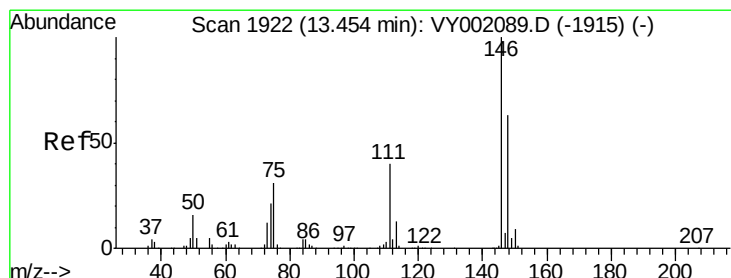
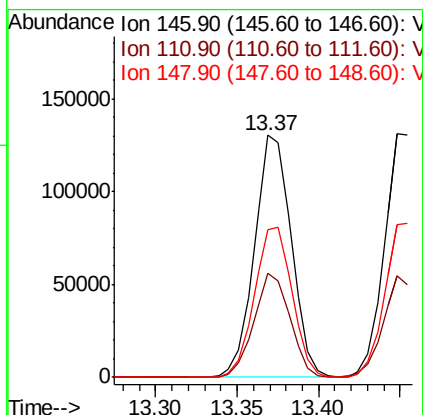
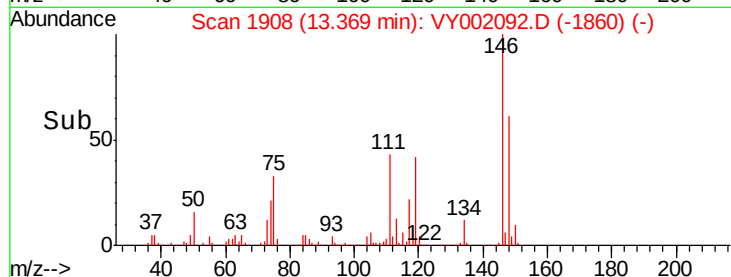
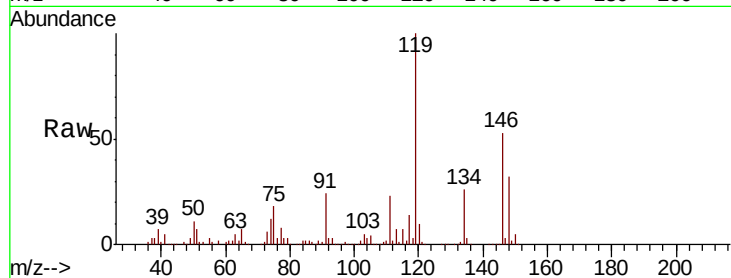




#87
 1,3-Dichlorobenzene
 Concen: 50.887 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. -0.01 min
 Lab File: VY002092.D
 Acq: 26 Mar 2020 18:18

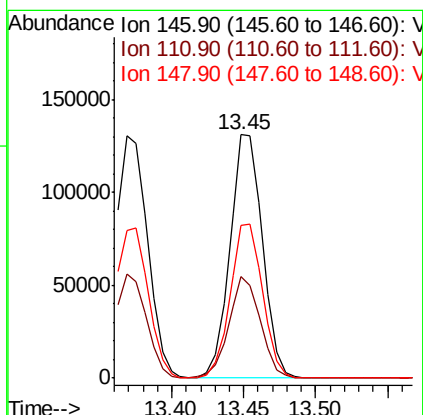
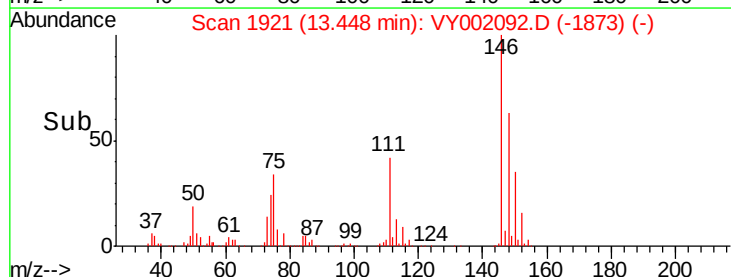
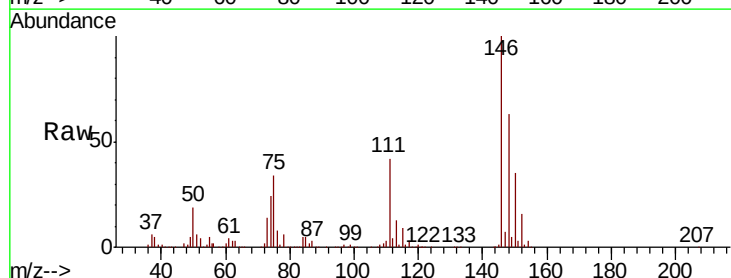
Instrument :
 MSVOA_Y
 ClientSampleId :

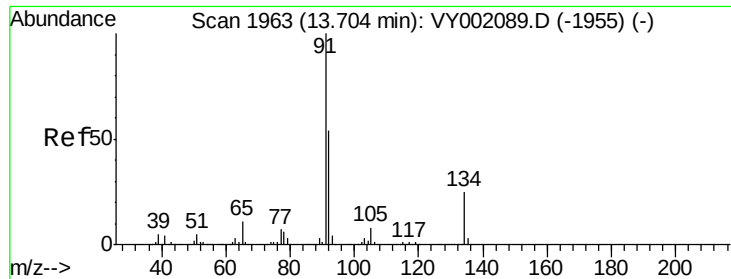
Tot Ion	Ratio	Lower	Upper
146	100		
111	42.2	20.9	62.8
148	63.3	32.1	96.5



#88
 1,4-Dichlorobenzene
 Concen: 51.001 ug/l
 RT: 13.45 min Scan# 1921
 Delta R.T. -0.01 min
 Lab File: VY002092.D
 Acq: 26 Mar 2020 18:18

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.4	20.3	60.9
148	63.2	31.5	94.5

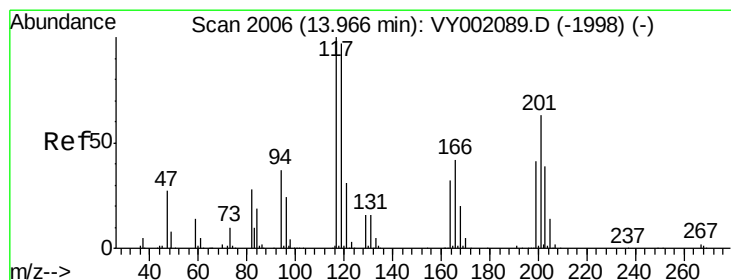
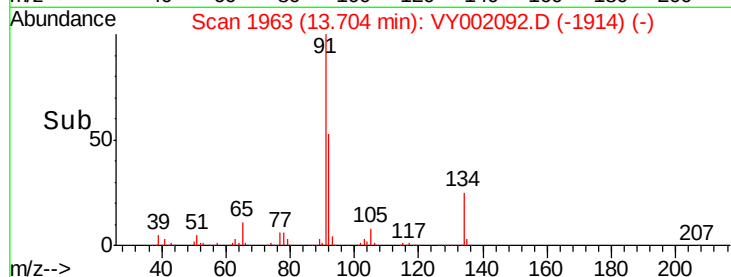
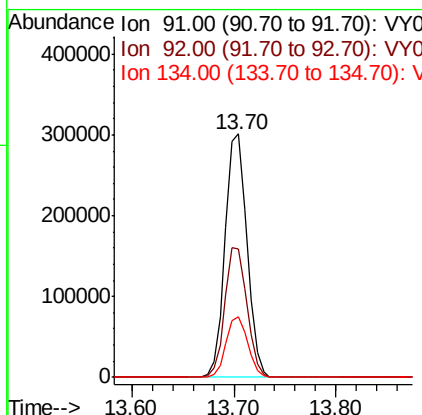
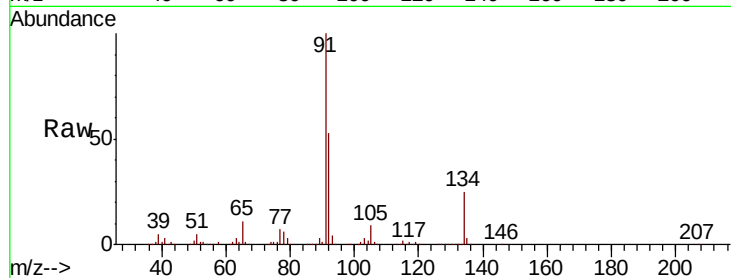




#89
n-Butylbenzene
Concen: 50.715 ug/l
RT: 13.70 min Scan# 1963
Delta R.T. 0.00 min
Lab File: VY002092.D
Acq: 26 Mar 2020 18:18

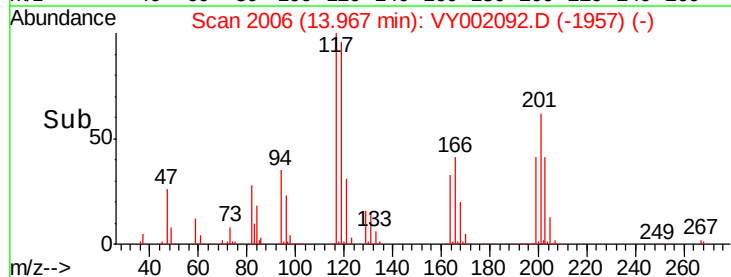
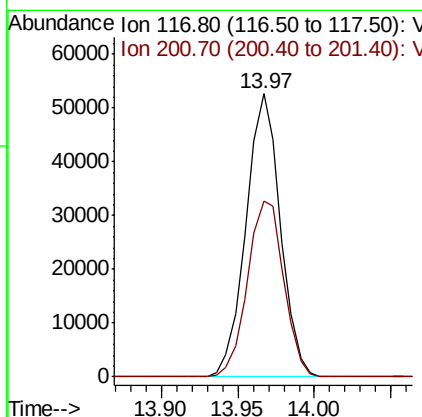
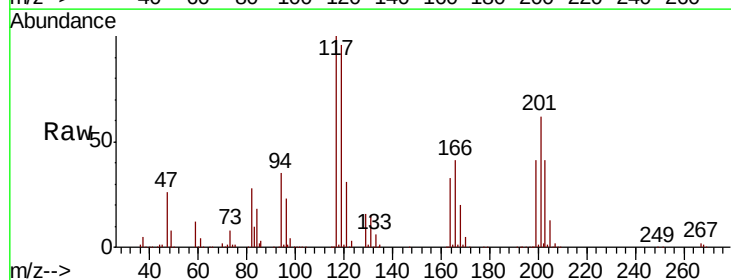
Instrument :
MSVOA_Y
ClientSampleId :

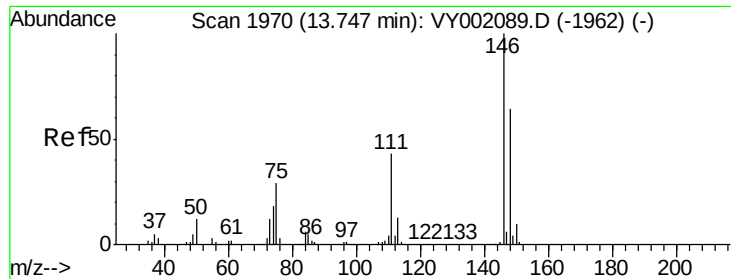
Tot Ion: 91 Resp: 446303
Ion Ratio Lower Upper
91 100
92 53.9 27.0 81.0
134 24.7 12.3 36.8



#90
Hexachloroethane
Concen: 51.567 ug/l
RT: 13.97 min Scan# 2006
Delta R.T. 0.00 min
Lab File: VY002092.D
Acq: 26 Mar 2020 18:18

Tgt Ion: 117 Resp: 82070
Ion Ratio Lower Upper
117 100
201 65.8 31.6 94.8

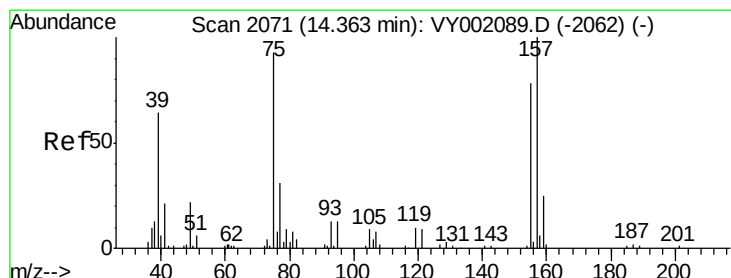
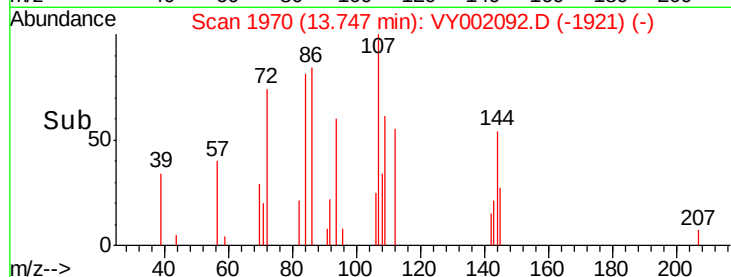
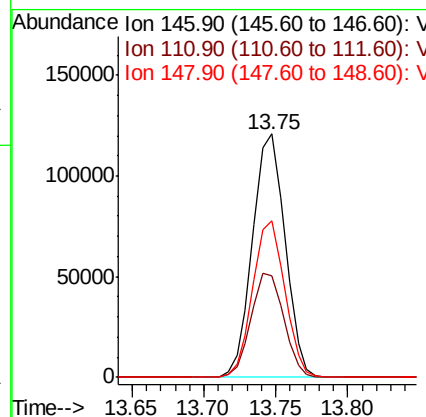
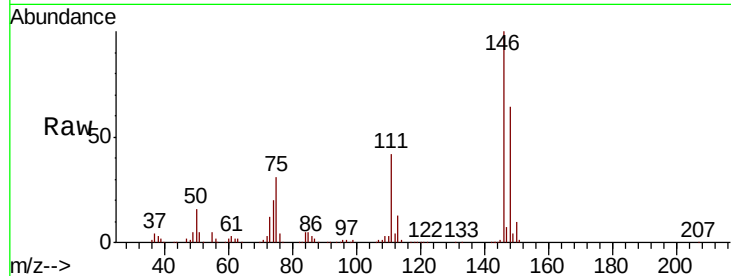




#91
 1,2-Dichlorobenzene
 Concen: 50.840 ug/l
 RT: 13.75 min Scan# 1970
 Delta R.T. 0.00 min
 Lab File: VY002092.D
 Acq: 26 Mar 2020 18:18

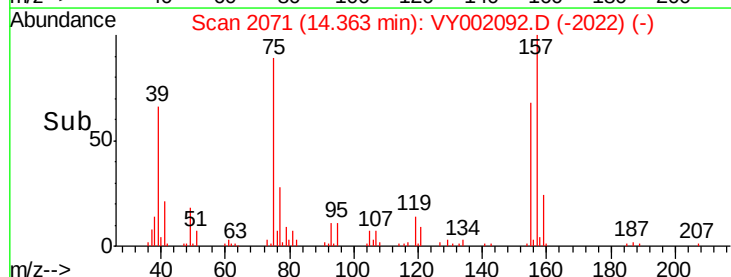
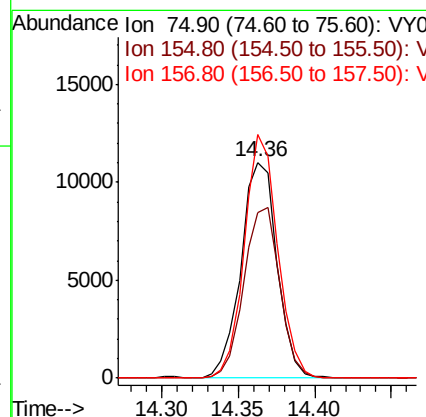
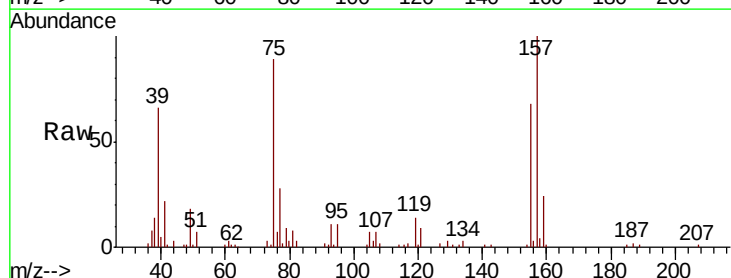
Instrument :
 MSVOA_Y
 ClientSampleId :

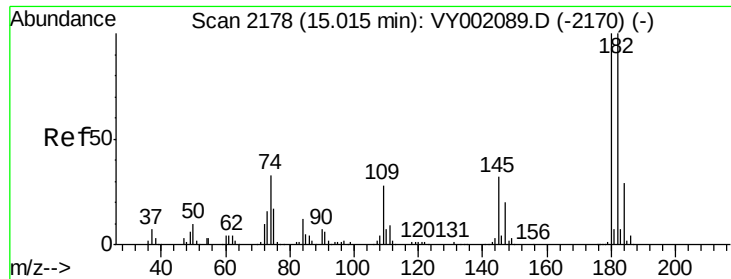
Tot Ion	Ratio	Lower	Upper
146	100		
111	43.3	21.3	63.7
148	63.4	31.8	95.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 54.425 ug/l
 RT: 14.36 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VY002092.D
 Acq: 26 Mar 2020 18:18

Tgt Ion	Ratio	Lower	Upper
75	100		
155	78.3	41.6	124.9
157	104.0	53.4	160.3

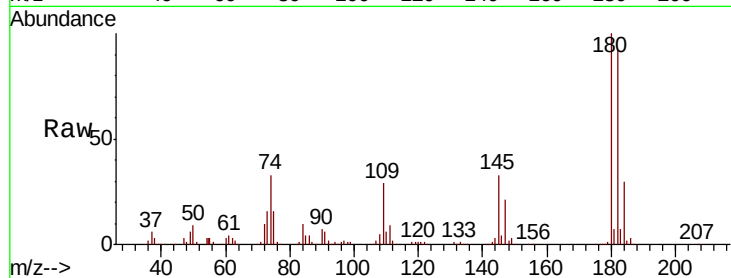




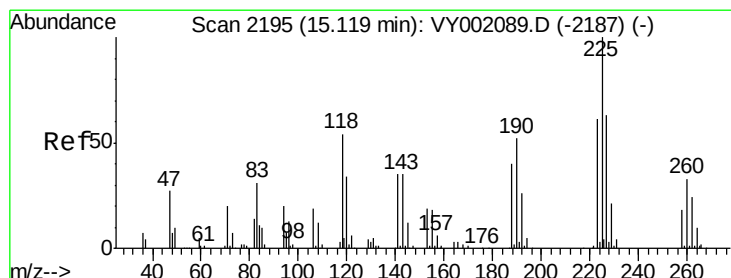
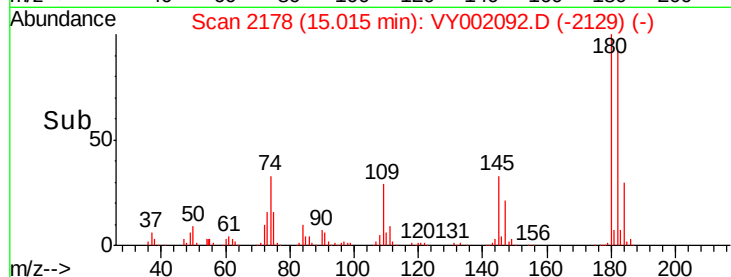
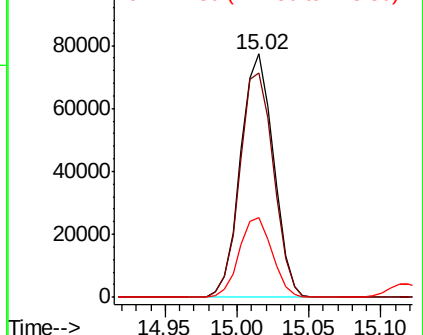
#93
 1,2,4-Trichlorobenzene
 Concen: 51.218 ug/l
 RT: 15.02 min Scan# 2178
 Delta R.T. 0.00 min
 Lab File: VY002092.D
 Acq: 26 Mar 2020 18:18

Instrument :
 MSVOA_Y
 ClientSampled :

Tot Ion:180 Resp: 122760
 Ion Ratio Lower Upper
 180 100
 182 94.9 48.1 144.3
 145 32.7 15.9 47.6

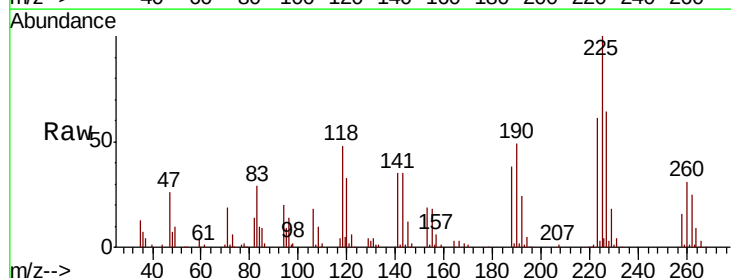


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

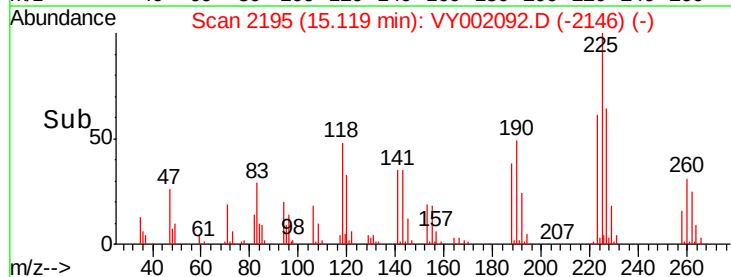
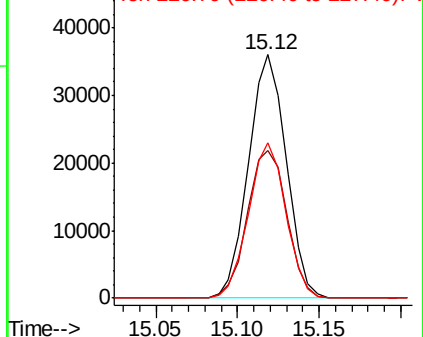


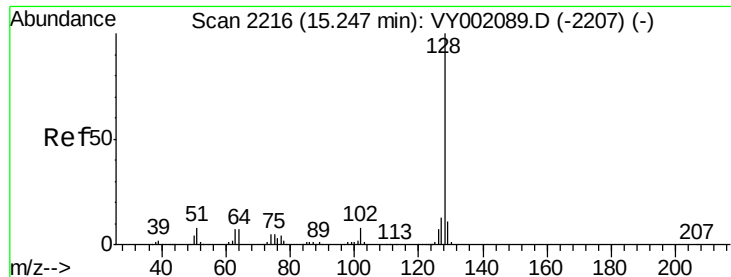
#94
 Hexachlorobutadiene
 Concen: 49.190 ug/l
 RT: 15.12 min Scan# 2195
 Delta R.T. 0.00 min
 Lab File: VY002092.D
 Acq: 26 Mar 2020 18:18

Tgt Ion:225 Resp: 58197
 Ion Ratio Lower Upper
 225 100
 223 63.4 31.1 93.3
 227 63.1 31.6 94.7



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

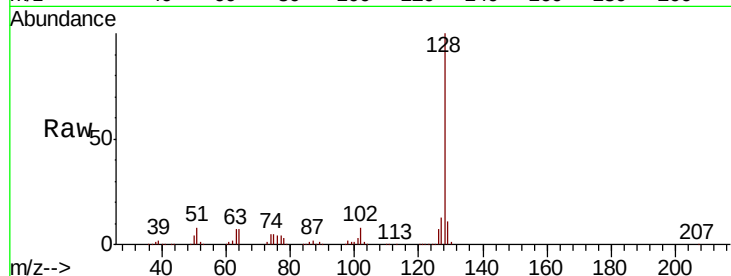




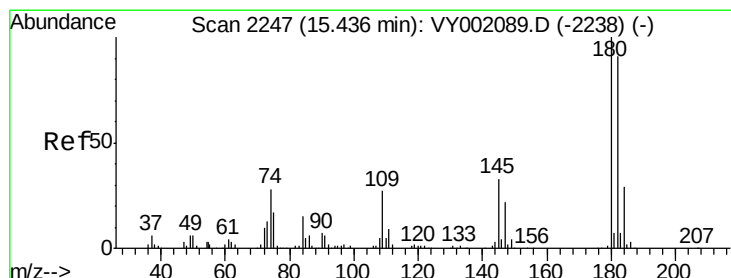
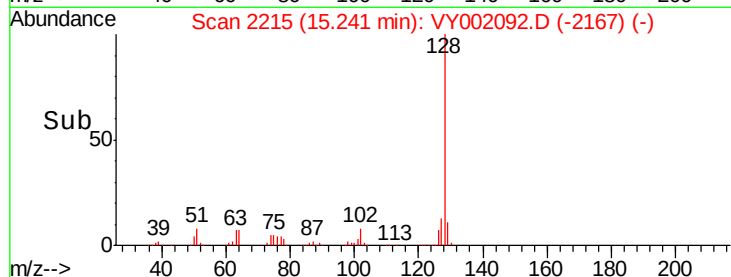
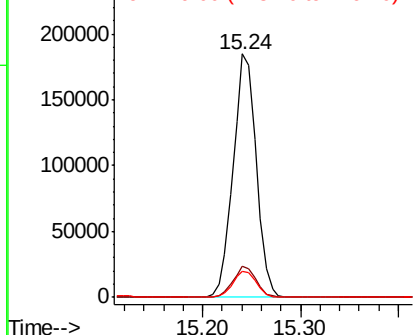
#95
Naphthalene
Concen: 53.226 ug/l
RT: 15.24 min Scan# 2215
Delta R.T. -0.01 min
Lab File: VY002092.D
Acq: 26 Mar 2020 18:18

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.7	9.8	14.8
129	11.0	8.6	13.0

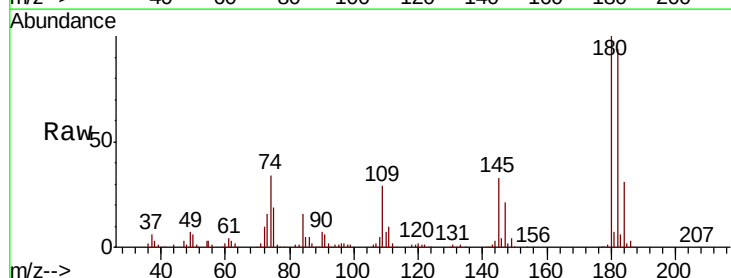


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 50.803 ug/l
RT: 15.43 min Scan# 2246
Delta R.T. -0.01 min
Lab File: VY002092.D
Acq: 26 Mar 2020 18:18

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.2	46.8	140.3
145	34.2	16.7	50.1



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

