

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY040220\
 Data File : VY002185.D
 Acq On : 02 Apr 2020 12:40
 Operator : SY/MD
 Sample : VY0402SBSD01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 03 03:13:02 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	151256	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	272997	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	250513	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	116553	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	81029	48.46	ug/l	0.00
Spiked Amount						
			Recovery	=	96.92%	
35) Dibromofluoromethane	7.74	113	76158	49.79	ug/l	0.00
Spiked Amount						
			Recovery	=	99.58%	
50) Toluene-d8	10.19	98	315293	49.62	ug/l	0.00
Spiked Amount						
			Recovery	=	99.24%	
62) 4-Bromofluorobenzene	12.49	95	108704	48.91	ug/l	0.00
Spiked Amount						
			Recovery	=	97.82%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	30409	27.893	ug/l	98
3) Chloromethane	2.13	50	38756	21.925	ug/l	98
4) Vinyl Chloride	2.26	62	40543	22.552	ug/l	97
5) Bromomethane	2.66	94	26675	22.737	ug/l	97
6) Chloroethane	2.80	64	25494	22.085	ug/l	95
7) Trichlorofluoromethane	3.15	101	53547	21.736	ug/l	99
8) Diethyl Ether	3.55	74	21771	20.865	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.92	101	35057	21.689	ug/l	96
10) Methyl Iodide	4.12	142	38403	19.981	ug/l	99
11) Tert butyl alcohol	4.97	59	28878	146.554	ug/l #	86
12) 1,1-Dichloroethene	3.90	96	34313	20.907	ug/l	98
13) Acrolein	3.76	56	19966	81.071	ug/l	98
14) Allyl chloride	4.50	41	60857	20.255	ug/l	99
15) Acrylonitrile	5.20	53	58764	107.448	ug/l	98
16) Acetone	3.97	43	47424	100.951	ug/l	97
17) Carbon Disulfide	4.22	76	111514	20.473	ug/l	98
18) Methyl Acetate	4.50	43	25340	20.773	ug/l	96
19) Methyl tert-butyl Ether	5.25	73	94387	20.615	ug/l	97
20) Methylene Chloride	4.74	84	46589	20.981	ug/l	95
21) trans-1,2-Dichloroethene	5.25	96	39193	20.973	ug/l	98
22) Diisopropyl ether	6.14	45	124678	20.277	ug/l	99
23) Vinyl Acetate	6.09	43	411634	102.091	ug/l	100
24) 1,1-Dichloroethane	6.05	63	67927	20.777	ug/l	96
25) 2-Butanone	7.01	43	75208	104.262	ug/l	94
26) 2,2-Dichloropropane	7.01	77	56501	20.984	ug/l	98
27) cis-1,2-Dichloroethene	7.01	96	42953	20.893	ug/l	100
28) Bromochloromethane	7.36	49	29818	19.978	ug/l	100
29) Tetrahydrofuran	7.36	42	49180	103.989	ug/l	98
30) Chloroform	7.53	83	63399	20.459	ug/l	96
31) Cyclohexane	7.80	56	71437	20.506	ug/l	96
32) 1,1,1-Trichloroethane	7.72	97	53670	20.744	ug/l	100
36) 1,1-Dichloropropene	7.94	75	53422	20.689	ug/l	98
37) Ethyl Acetate	7.10	43	33741	21.623	ug/l	98
38) Carbon Tetrachloride	7.92	117	45321	20.687	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	71311	21.054	ug/l	98
40) Benzene	8.18	78	160955	21.043	ug/l	98
41) Methacrylonitrile	7.36	41	42789	54.211	ug/l #	100
42) 1,2-Dichloroethane	8.25	62	41869	20.618	ug/l	99
43) Isopropyl Acetate	8.29	43	60144	20.767	ug/l	99
44) Trichloroethene	8.95	130	39816	21.595	ug/l	88
45) 1,2-Dichloropropane	9.23	63	40588	20.841	ug/l	96
46) Dibromomethane	9.31	93	20624	20.620	ug/l	98
47) Bromodichloromethane	9.50	83	48355	20.768	ug/l	100
48) Methyl methacrylate	9.30	41	26468	20.393	ug/l	98
49) 1,4-Dioxane	9.31	88	5816	423.759	ug/l	92
51) 4-Methyl-2-Pentanone	10.08	43	162172	108.745	ug/l	100
52) Toluene	10.25	92	97360	21.045	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	52669	20.380	ug/l	98
54) cis-1,3-Dichloropropene	9.94	75	62699	20.607	ug/l	96
55) 1,1,2-Trichloroethane	10.65	97	31390	21.205	ug/l	98
56) Ethyl methacrylate	10.52	69	43725	20.224	ug/l	98
57) 1,3-Dichloropropane	10.80	76	54420	20.808	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.79	63	117275	105.561	ug/l	100
59) 2-Hexanone	10.84	43	109111	103.865	ug/l	99
60) Dibromochloromethane	10.99	129	32791	21.169	ug/l	99
61) 1,2-Dibromoethane	11.10	107	29055	20.970	ug/l	97
64) Tetrachloroethene	10.72	164	33991	22.177	ug/l	98
65) Chlorobenzene	11.52	112	100113	20.703	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.60	131	32278	19.952	ug/l	97
67) Ethyl Benzene	11.60	91	186481	20.763	ug/l	98
68) m/p-Xylenes	11.71	106	137933	41.538	ug/l	99
69) o-Xylene	12.03	106	64849	20.587	ug/l	100
70) Styrene	12.05	104	110899	20.317	ug/l	98
71) Bromoform	12.21	173	18022	20.339	ug/l #	98
73) Isopropylbenzene	12.33	105	176132	20.372	ug/l	100
74) N-amyl acetate	12.15	43	54363	19.936	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.59	83	38027	20.439	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	48808	37.437	ug/l #	100
77) Bromobenzene	12.61	156	36966	20.029	ug/l	97
78) n-propylbenzene	12.68	91	219220	20.432	ug/l	100
79) 2-Chlorotoluene	12.77	91	120014	20.372	ug/l	99
80) 1,3,5-Trimethylbenzene	12.82	105	146993	20.607	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.39	75	13566	20.159	ug/l	97
82) 4-Chlorotoluene	12.86	91	126997	20.458	ug/l	99
83) tert-Butylbenzene	13.08	119	123589	20.757	ug/l	100
84) 1,2,4-Trimethylbenzene	13.13	105	147761	20.762	ug/l	98
85) sec-Butylbenzene	13.26	105	182006	20.638	ug/l	100
86) p-Isopropyltoluene	13.38	119	158155	20.883	ug/l	100
87) 1,3-Dichlorobenzene	13.38	146	74986	20.768	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	73914	20.343	ug/l	97
89) n-Butylbenzene	13.70	91	163625	20.736	ug/l	100
90) Hexachloroethane	13.97	117	29552	20.708	ug/l	98
91) 1,2-Dichlorobenzene	13.75	146	68693	20.601	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	5920	19.864	ug/l	96

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QLast Update : Fri Mar 27 07:11:05 2020
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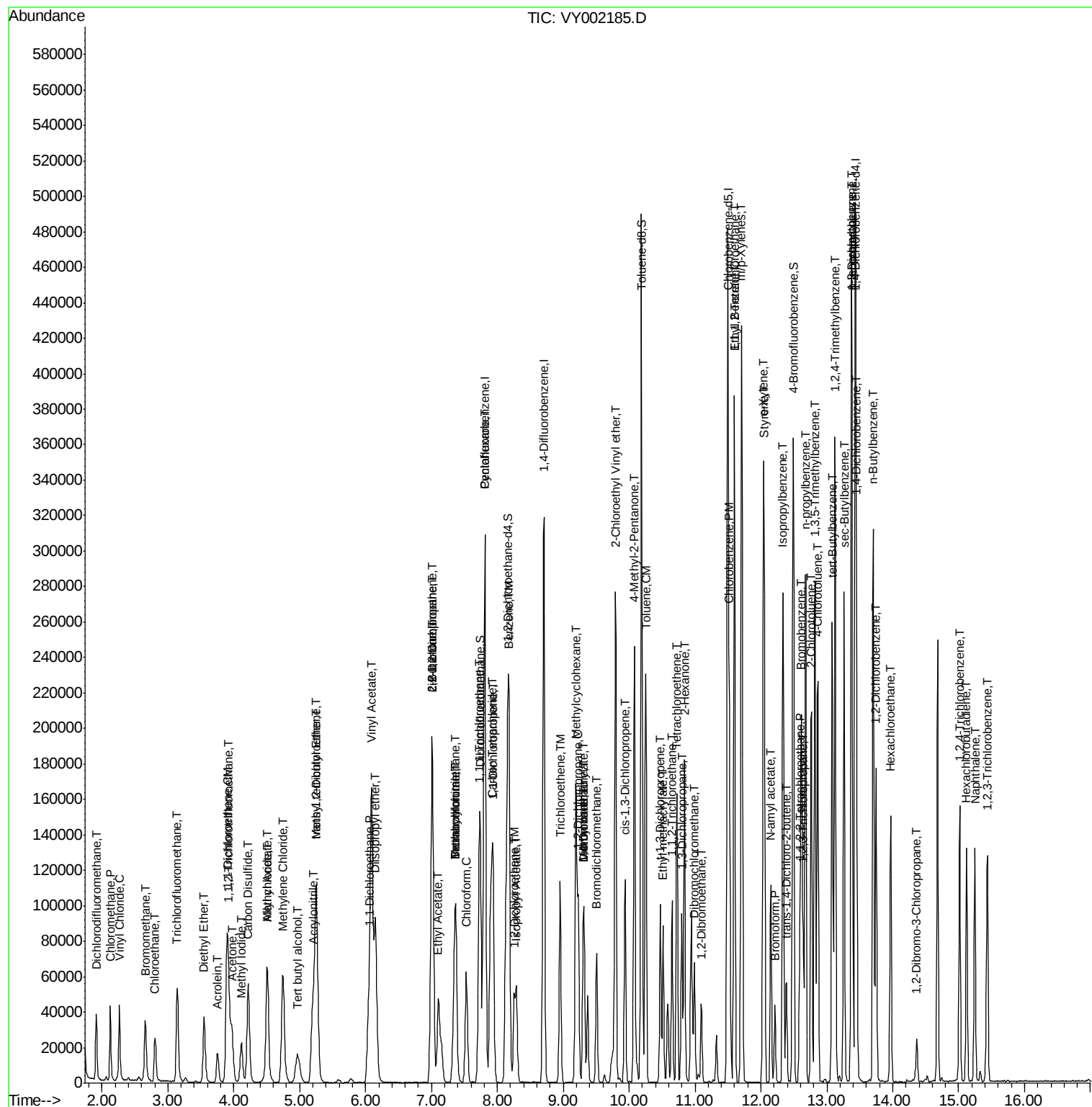
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	44944	20.912	ug/l	99
94) Hexachlorobutadiene	15.12	225	21970	20.710	ug/l	97
95) Naphthalene	15.25	128	103877	20.350	ug/l	99
96) 1,2,3-Trichlorobenzene	15.44	180	38979	20.000	ug/l	97

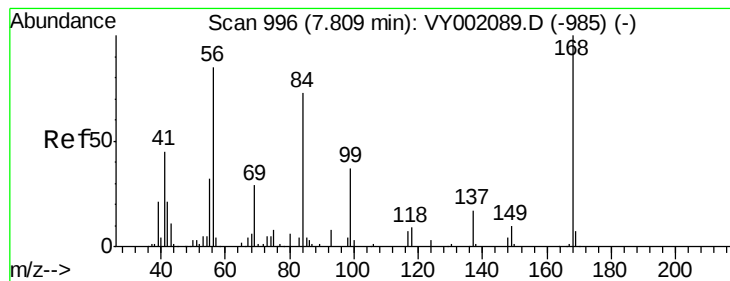
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. 0.00 min

Lab File: VY002185.D

Acq: 02 Apr 2020 12:40

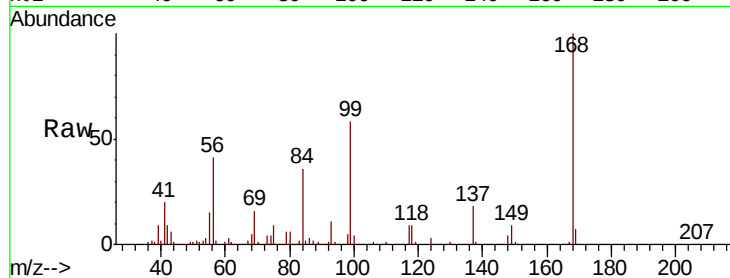
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:168 Resp: 151256

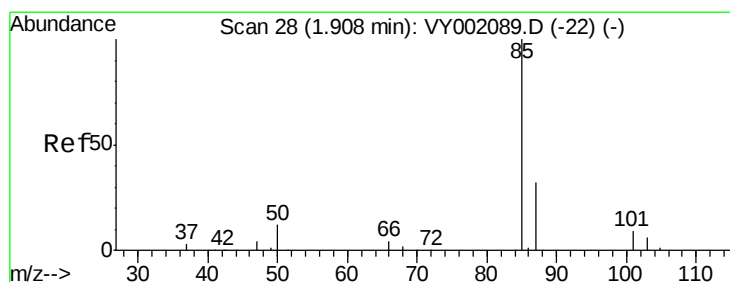
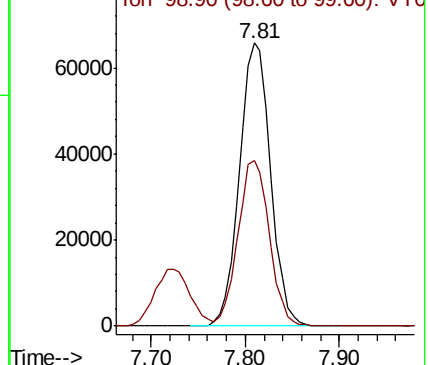
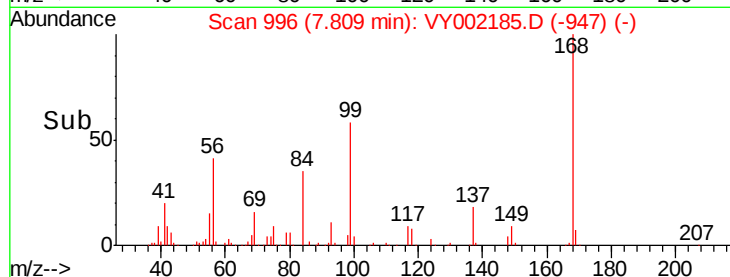
Ion Ratio Lower Upper

168 100

99 58.5 47.6 71.4



Abundance Ion 167.90 (167.60 to 168.60): VY002185.D (-947) (-)



#2

Dichlorodifluoromethane

Concen: 27.893 ug/l

RT: 1.91 min Scan# 29

Delta R.T. 0.01 min

Lab File: VY002185.D

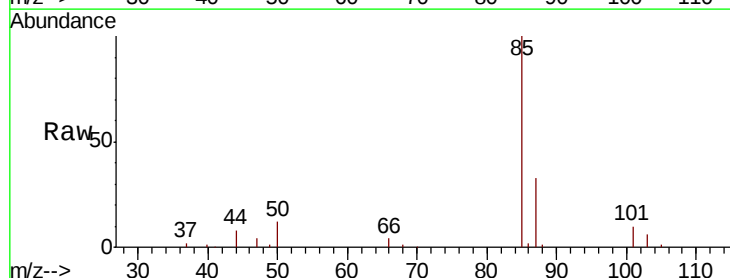
Acq: 02 Apr 2020 12:40

Tgt Ion: 85 Resp: 30409

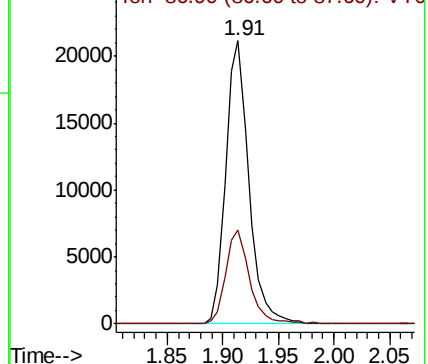
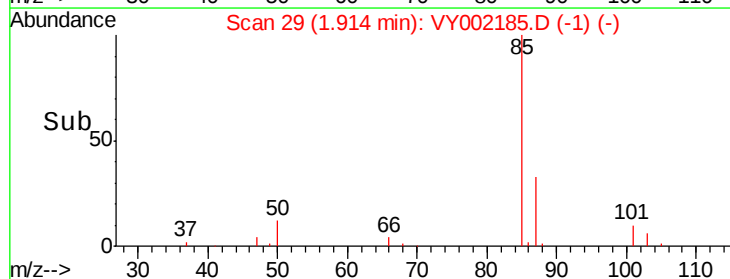
Ion Ratio Lower Upper

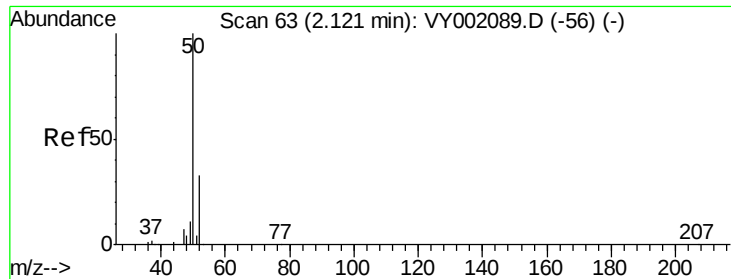
85 100

87 33.1 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VY002185.D (-1) (-)

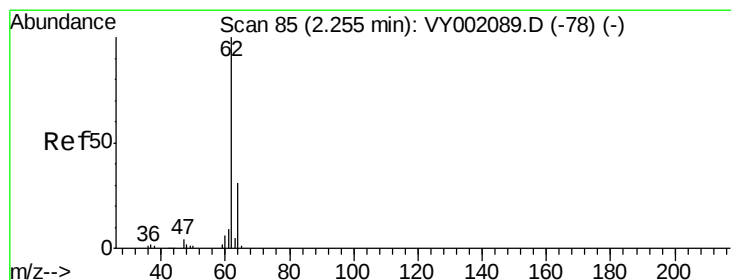
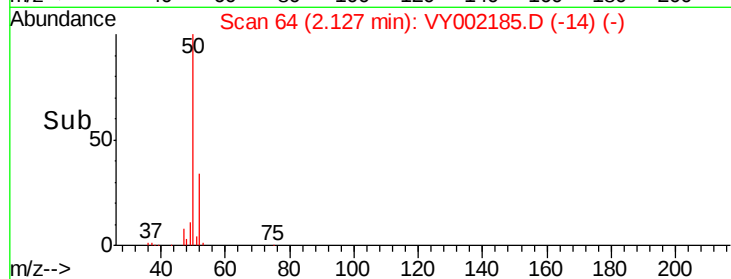
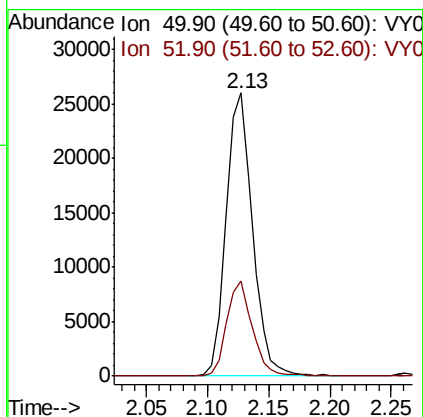
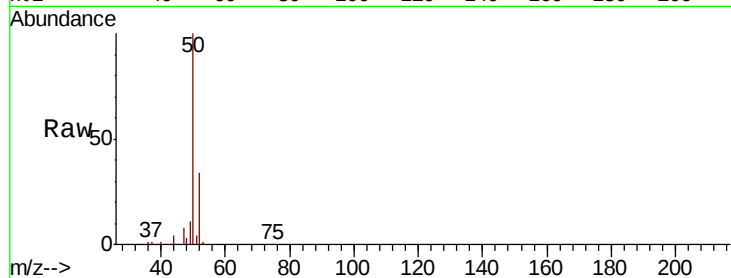




#3
Chloromethane
Concen: 21.925 ug/l
RT: 2.13 min Scan# 64
Delta R.T. 0.01 min
Lab File: VY002185.D
Acq: 02 Apr 2020 12:40

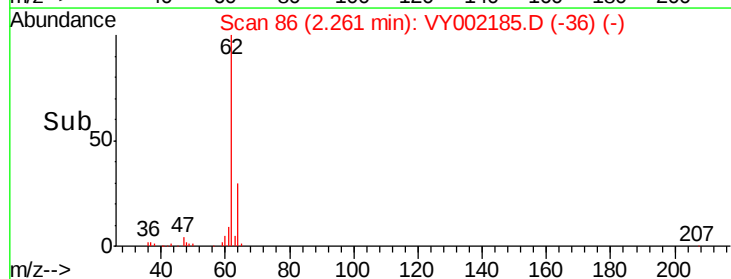
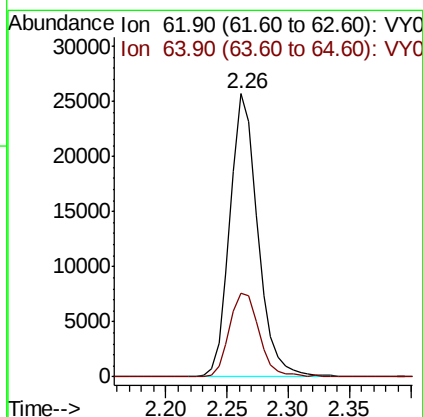
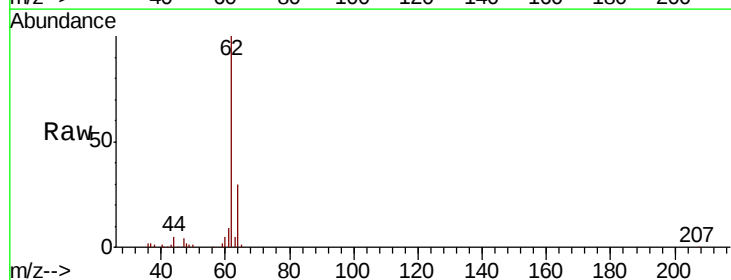
Instrument :
MSVOA_Y
ClientSampled :

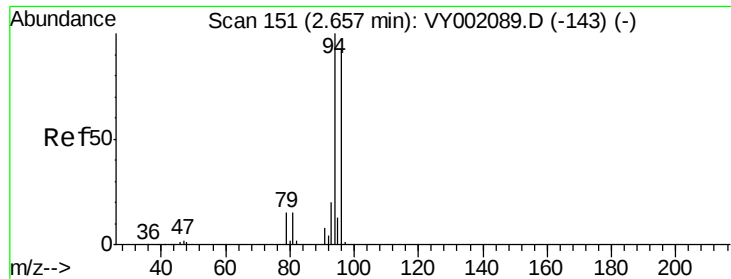
Tot Ion: 50 Resp: 38756
Ion Ratio Lower Upper
50 100
52 33.5 26.1 39.1



#4
Vinyl Chloride
Concen: 22.552 ug/l
RT: 2.26 min Scan# 86
Delta R.T. 0.01 min
Lab File: VY002185.D
Acq: 02 Apr 2020 12:40

Tgt Ion: 62 Resp: 40543
Ion Ratio Lower Upper
62 100
64 29.7 25.2 37.8





#5

Bromomethane

Concen: 22.737 ug/l

RT: 2.66 min Scan# 151

Delta R.T. 0.00 min

Lab File: VY002185.D

Acq: 02 Apr 2020 12:40

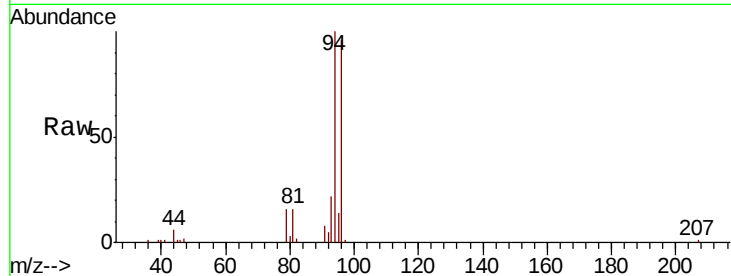
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 94 Resp: 26675

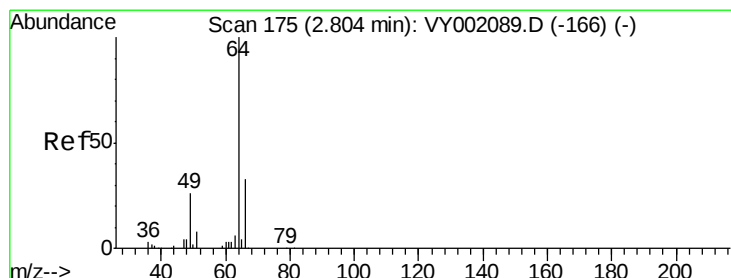
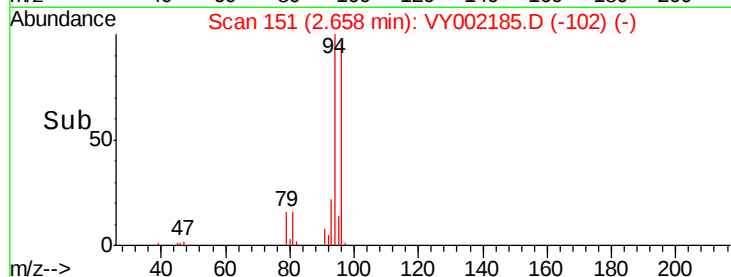
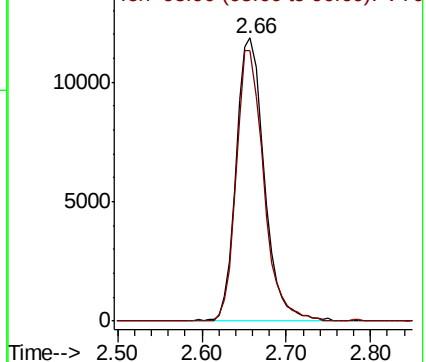
Ion Ratio Lower Upper

94 100

96 95.6 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: 22.085 ug/l

RT: 2.80 min Scan# 175

Delta R.T. 0.00 min

Lab File: VY002185.D

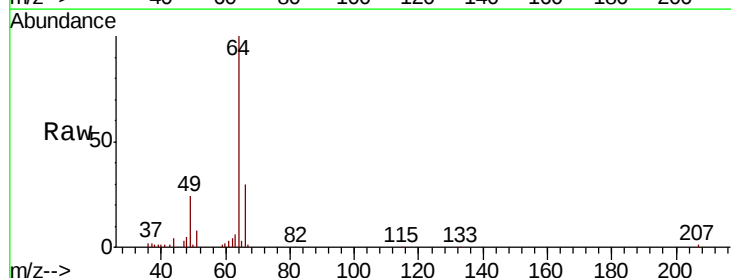
Acq: 02 Apr 2020 12:40

Tgt Ion: 64 Resp: 25494

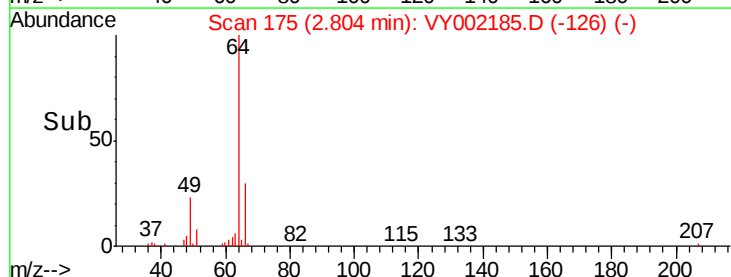
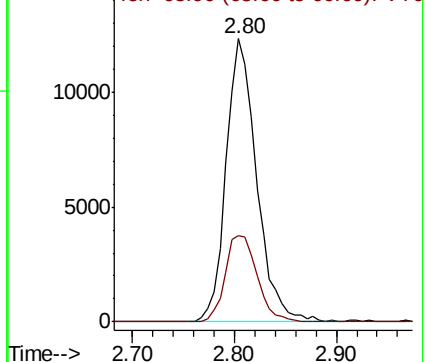
Ion Ratio Lower Upper

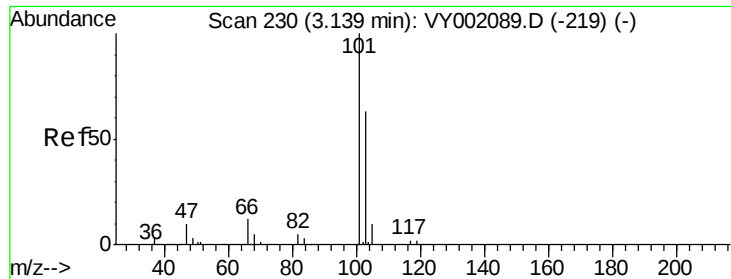
64 100

66 30.3 26.6 39.8



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



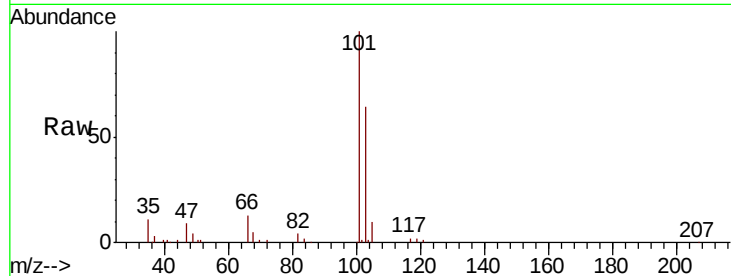


#7

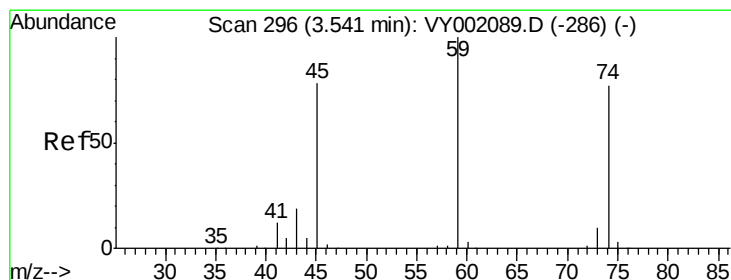
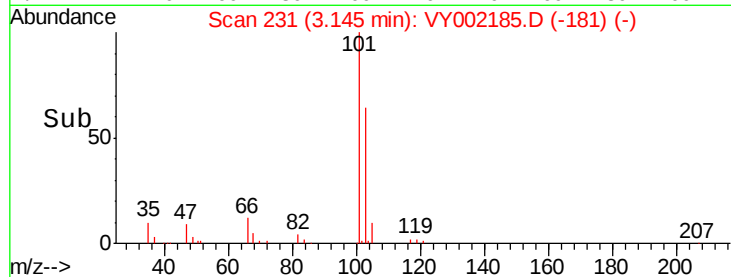
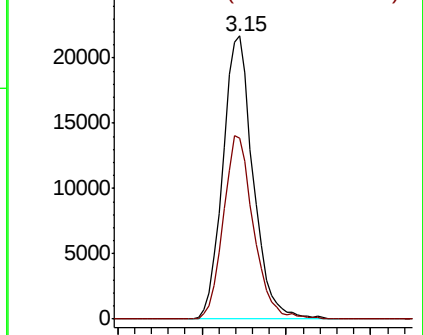
Trichlorofluoromethane
 Concen: 21.736 ug/l
 RT: 3.15 min Scan# 231
 Delta R.T. 0.01 min
 Lab File: VY002185.D
 Acq: 02 Apr 2020 12:40

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion:101 Resp: 53547
 Ion Ratio Lower Upper
 101 100
 103 63.9 50.6 76.0



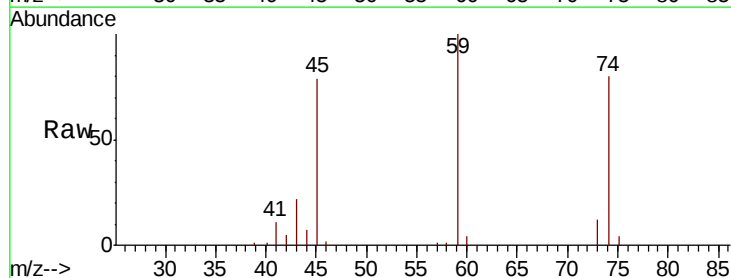
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



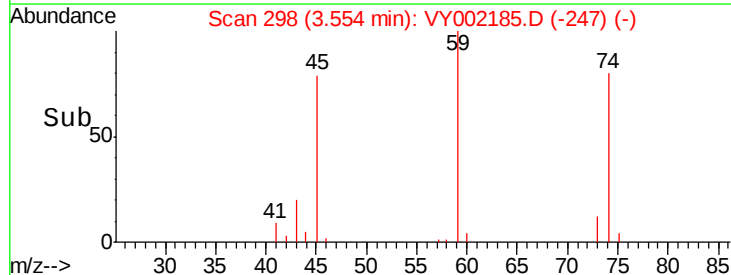
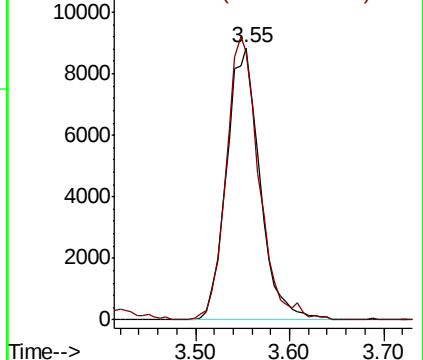
#8

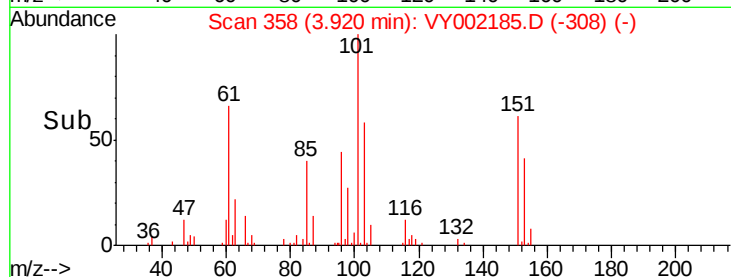
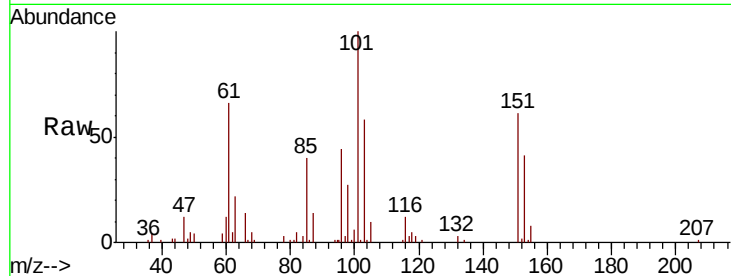
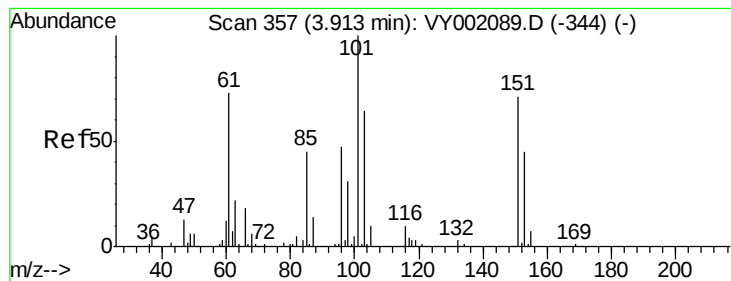
Diethyl Ether
 Concen: 20.865 ug/l
 RT: 3.55 min Scan# 298
 Delta R.T. 0.01 min
 Lab File: VY002185.D
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Tgt Ion: 74 Resp: 21771
 Ion Ratio Lower Upper
 74 100
 45 102.3 51.0 153.0



Abundance Ion 74.00 (73.70 to 74.70): VY0
 Ion 45.00 (44.70 to 45.70): VY0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.689 ug/l

RT: 3.92 min Scan# 358

Delta R.T. 0.01 min

Lab File: VY002185.D

Acq: 02 Apr 2020 12:40

Instrument :

MSVOA_Y

ClientSampleId :

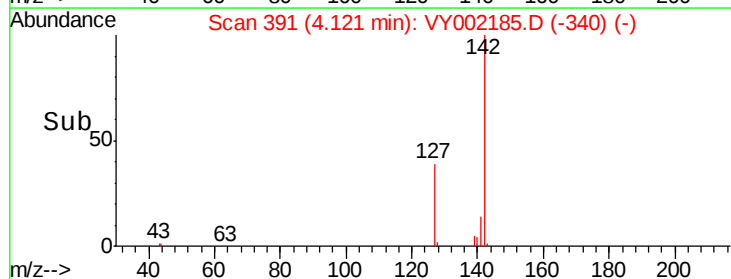
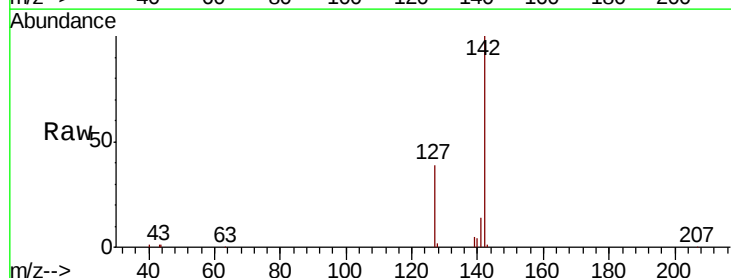
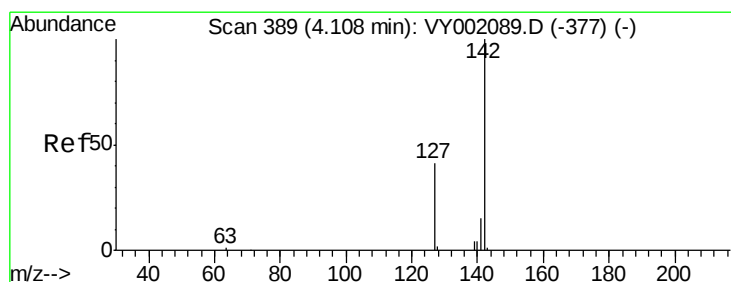
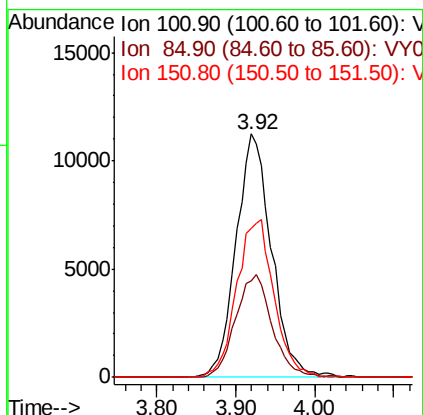
Tot Ion:101 Resp: 35057

Ion Ratio Lower Upper

101 100

85 43.6 35.9 53.9

151 68.1 57.5 86.3



#10

Methyl Iodide

Concen: 19.981 ug/l

RT: 4.12 min Scan# 391

Delta R.T. 0.01 min

Lab File: VY002185.D

Acq: 02 Apr 2020 12:40

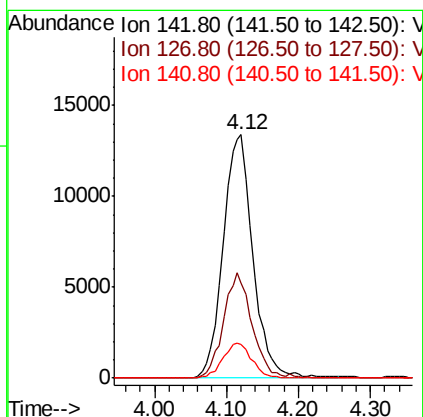
Tgt Ion:142 Resp: 38403

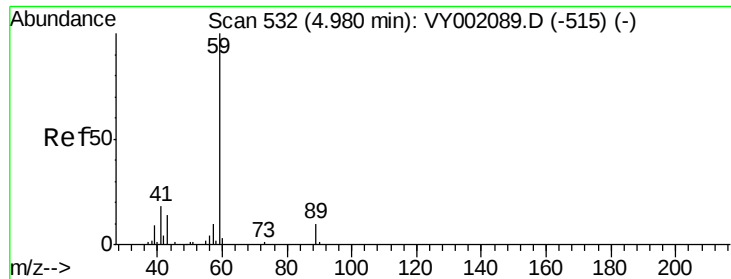
Ion Ratio Lower Upper

142 100

127 41.7 32.6 49.0

141 13.9 11.4 17.0



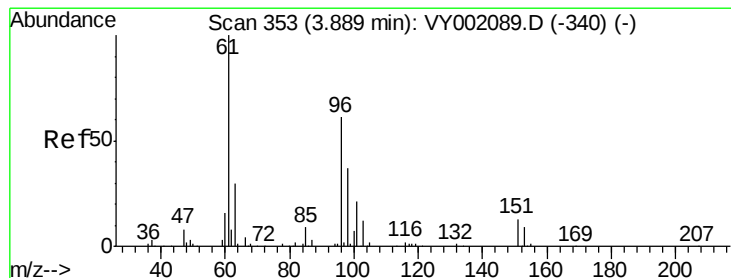
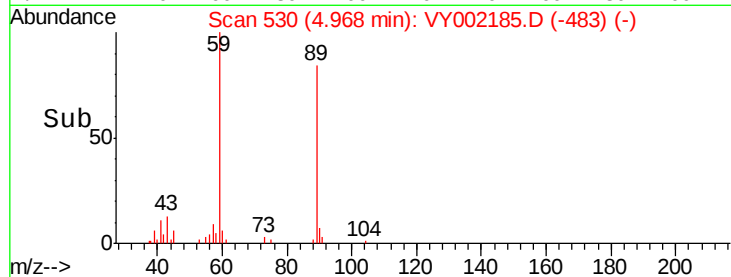
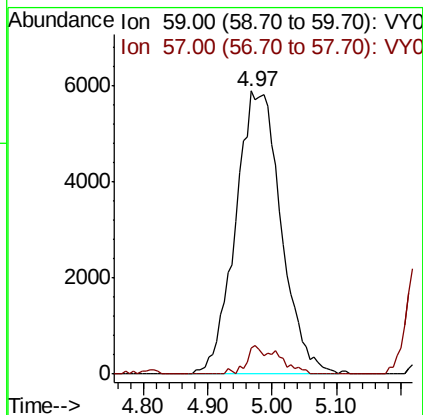
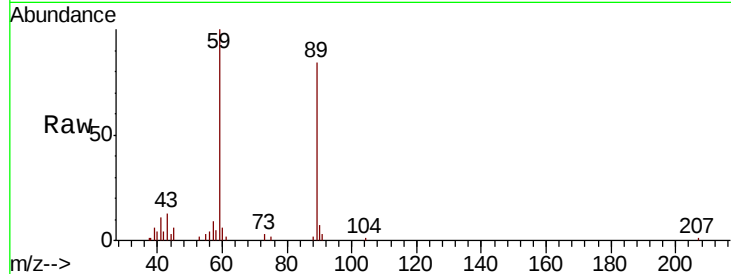


#11

Tert butyl alcohol
 Concen: 146.554 ug/l
 RT: 4.97 min Scan# 530
 Delta R.T. -0.01 min
 Lab File: VY002185.D
 Acq: 02 Apr 2020 12:40

Instrument :
 MSVOA_Y
 ClientSampleId :

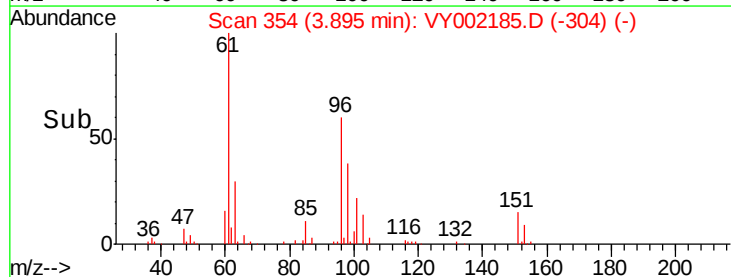
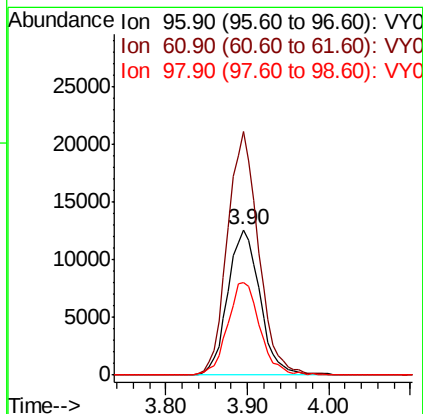
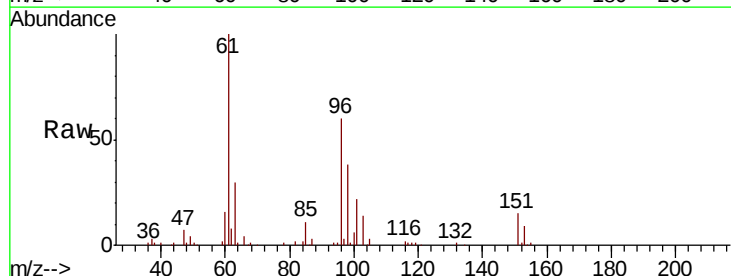
Tot Ion: 59 Resp: 28878
 Ion Ratio Lower Upper
 59 100
 57 4.3 7.7 11.5#

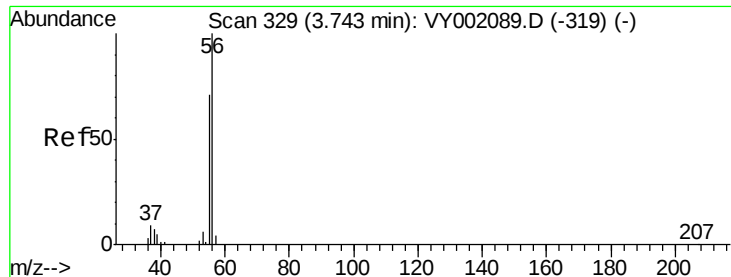


#12

1,1-Dichloroethene
 Concen: 20.907 ug/l
 RT: 3.90 min Scan# 354
 Delta R.T. 0.01 min
 Lab File: VY002185.D
 Acq: 02 Apr 2020 12:40

Tgt Ion: 96 Resp: 34313
 Ion Ratio Lower Upper
 96 100
 61 167.7 132.0 198.0
 98 64.1 49.4 74.0





#13

Acrolein

Concen: 81.071 ug/l

RT: 3.76 min Scan# 331

Delta R.T. 0.01 min

Lab File: VY002185.D

Acq: 02 Apr 2020 12:40

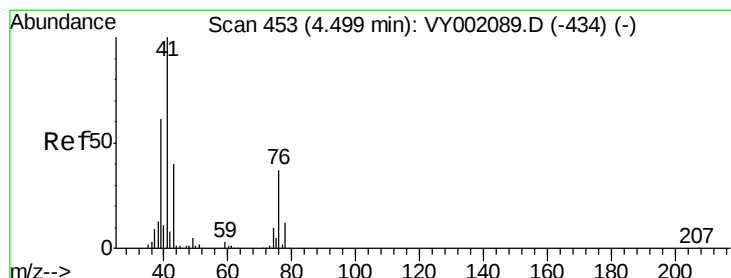
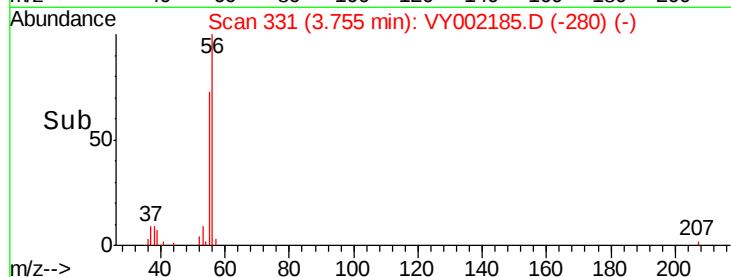
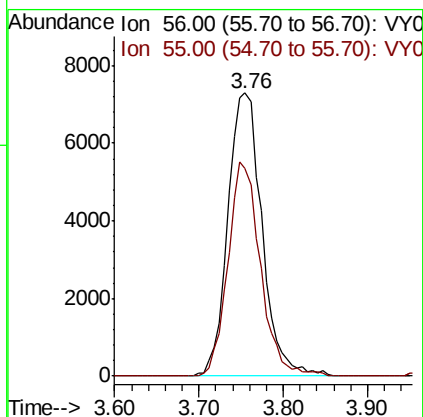
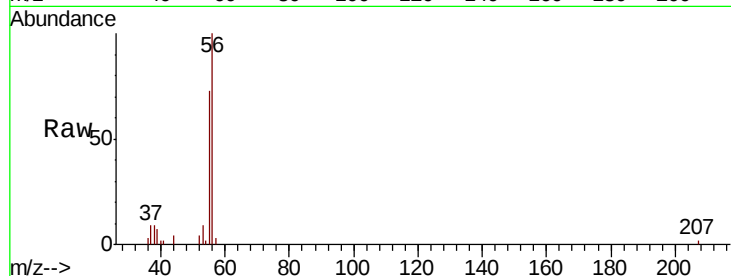
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 56 Resp: 19966

Ion Ratio Lower Upper

56 100

55 71.9 56.5 84.7



#14

Allyl chloride

Concen: 20.255 ug/l

RT: 4.50 min Scan# 454

Delta R.T. 0.01 min

Lab File: VY002185.D

Acq: 02 Apr 2020 12:40

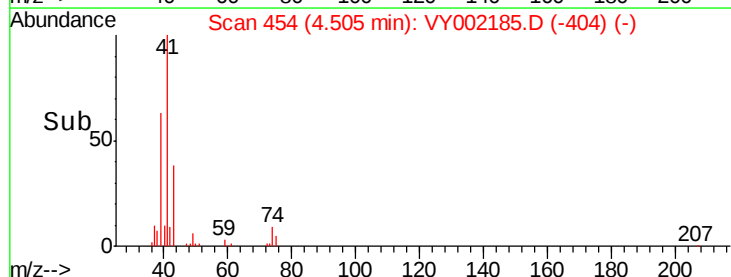
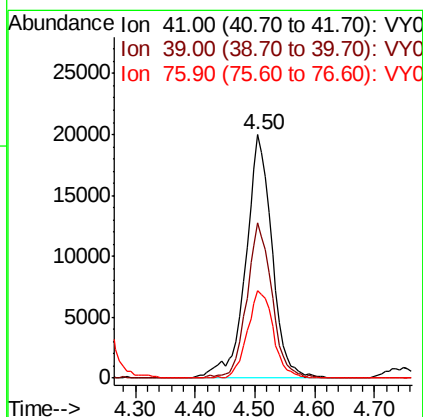
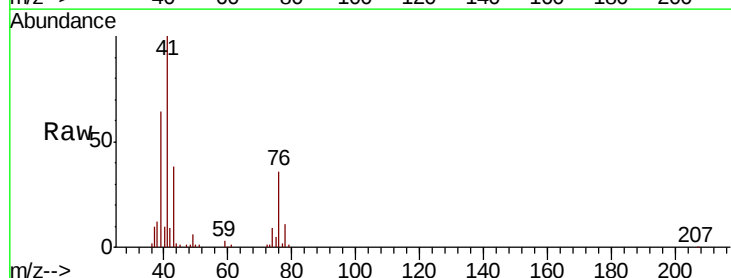
Tgt Ion: 41 Resp: 60857

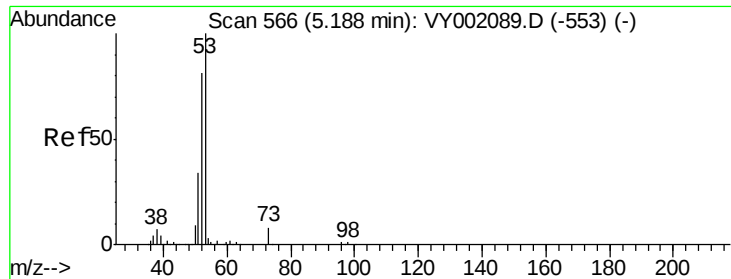
Ion Ratio Lower Upper

41 100

39 61.6 49.0 73.4

76 35.4 27.8 41.8





#15

Acrylonitrile

Concen: 107.448 ug/l

RT: 5.20 min Scan# 568

Delta R.T. 0.01 min

Lab File: VY002185.D

Acq: 02 Apr 2020 12:40

Instrument :

MSVOA_Y

ClientSampleId :

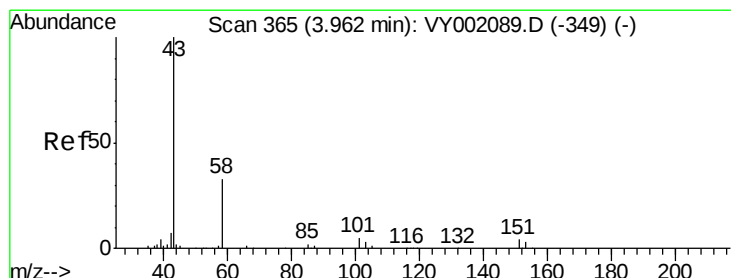
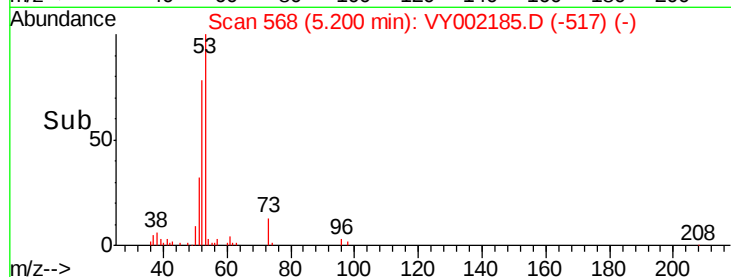
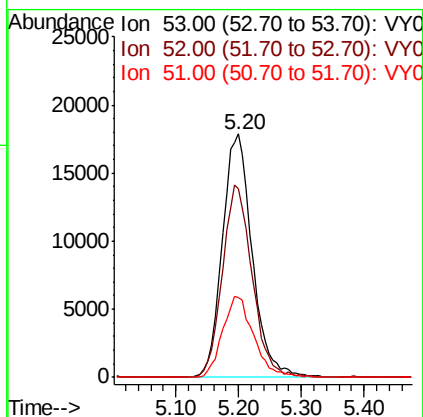
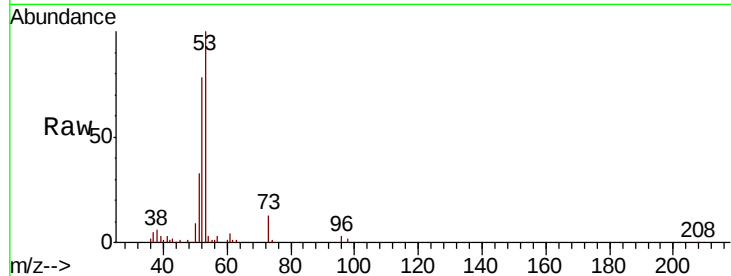
Tot Ion: 53 Resp: 58764

Ion Ratio Lower Upper

53 100

52 78.9 64.6 97.0

51 34.7 27.9 41.9



#16

Acetone

Concen: 100.951 ug/l

RT: 3.97 min Scan# 367

Delta R.T. 0.01 min

Lab File: VY002185.D

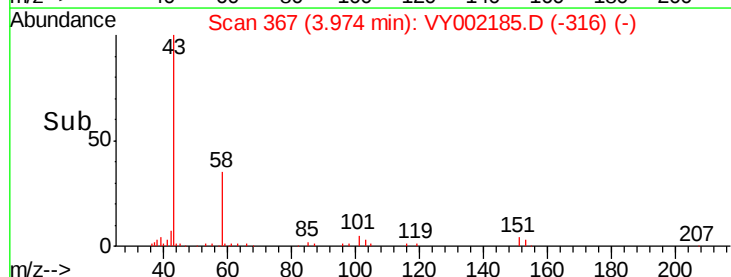
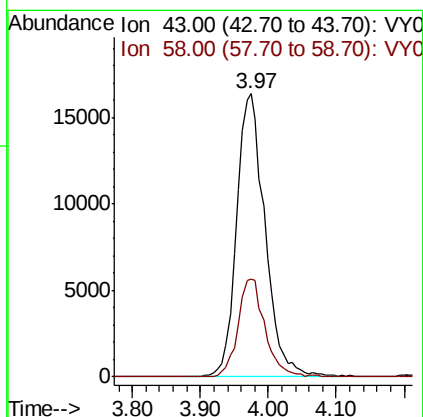
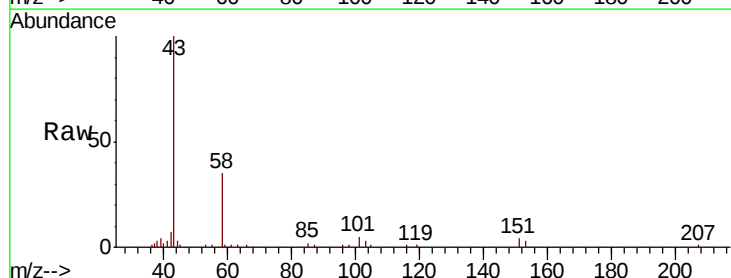
Acq: 02 Apr 2020 12:40

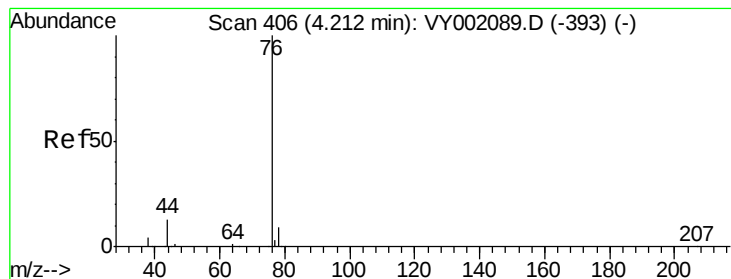
Tgt Ion: 43 Resp: 47424

Ion Ratio Lower Upper

43 100

58 34.8 26.3 39.5





#17

Carbon Disulfide

Concen: 20.473 ug/l

RT: 4.22 min Scan# 407

Delta R.T. 0.01 min

Lab File: VY002185.D

Acq: 02 Apr 2020 12:40

Instrument :

MSVOA_Y

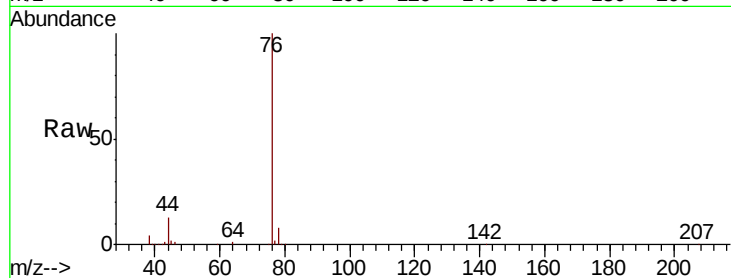
ClientSampleId :

Tot Ion: 76 Resp: 111514

Ion Ratio Lower Upper

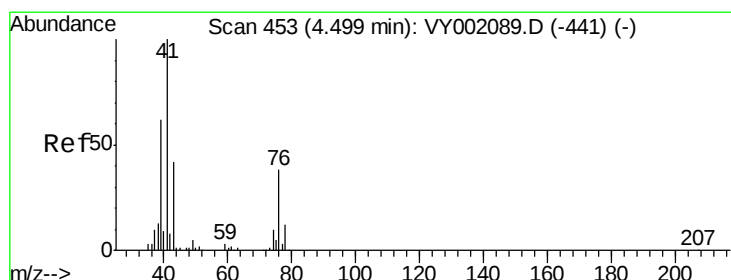
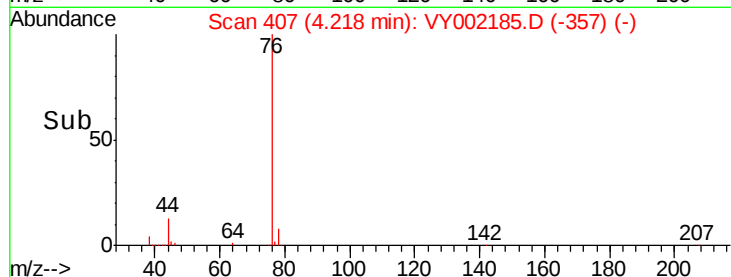
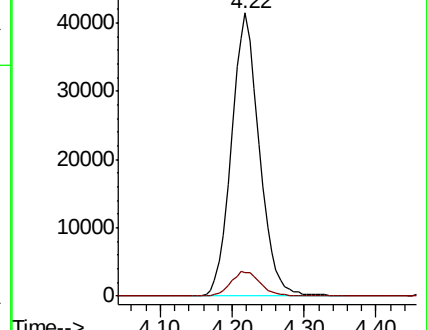
76 100

78 8.5 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VY002185.D (-393) (-)

Ion 77.90 (77.60 to 78.60): VY002185.D (-393) (-)



#18

Methyl Acetate

Concen: 20.773 ug/l

RT: 4.50 min Scan# 453

Delta R.T. 0.00 min

Lab File: VY002185.D

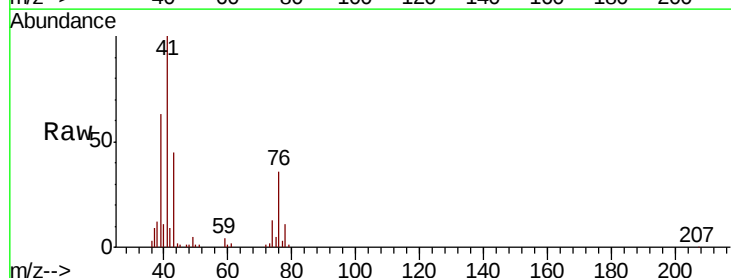
Acq: 02 Apr 2020 12:40

Tgt Ion: 43 Resp: 25340

Ion Ratio Lower Upper

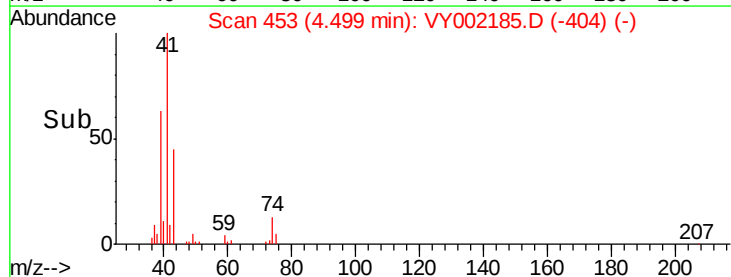
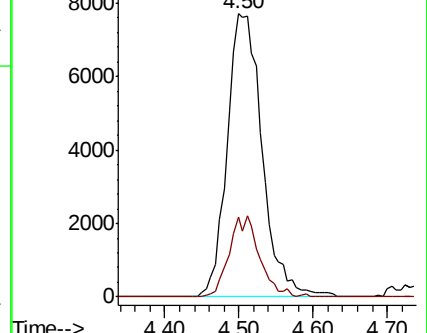
43 100

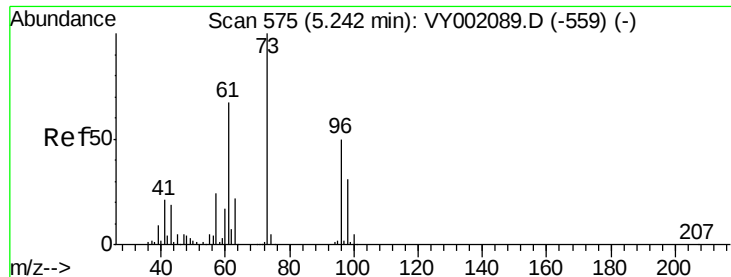
74 24.7 18.3 27.5



Abundance Ion 43.00 (42.70 to 43.70): VY002185.D (-404) (-)

Ion 74.00 (73.70 to 74.70): VY002185.D (-404) (-)

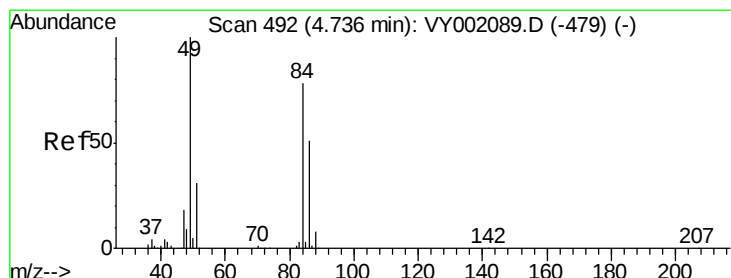
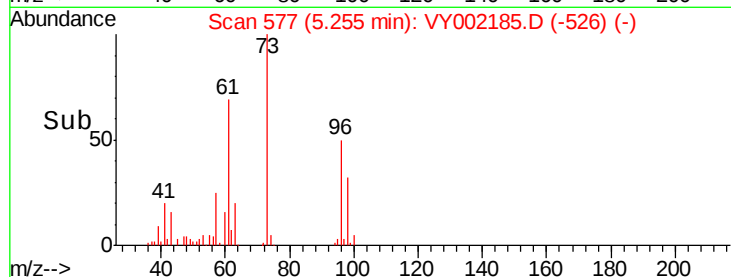
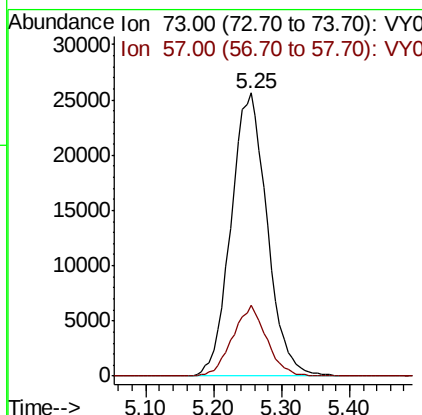
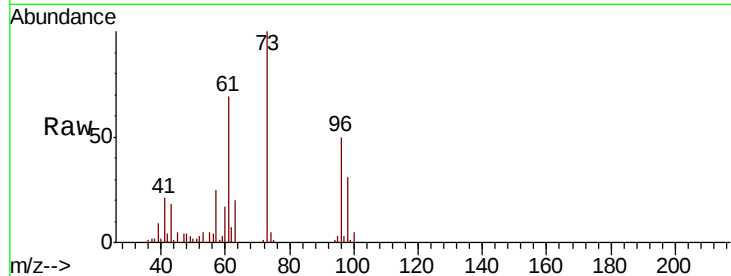




#19
Methvl tert-butvl Ether
Concen: 20.615 ug/l
RT: 5.25 min Scan# 577
Delta R.T. 0.01 min
Lab File: VY002185.D
Acq: 02 Apr 2020 12:40

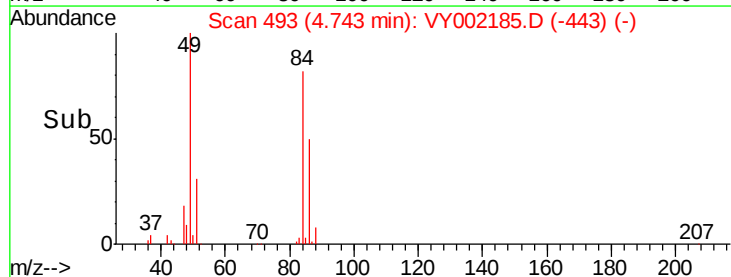
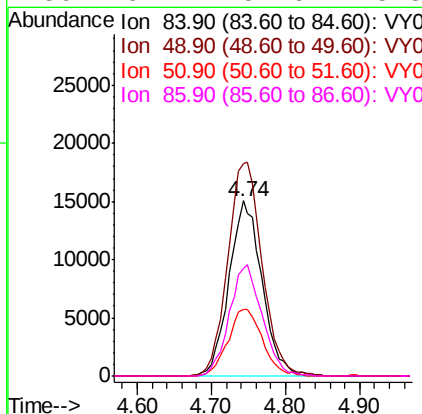
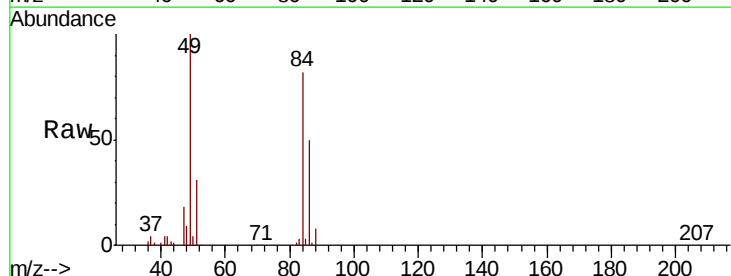
Instrument :
MSVOA_Y
ClientSampleId :

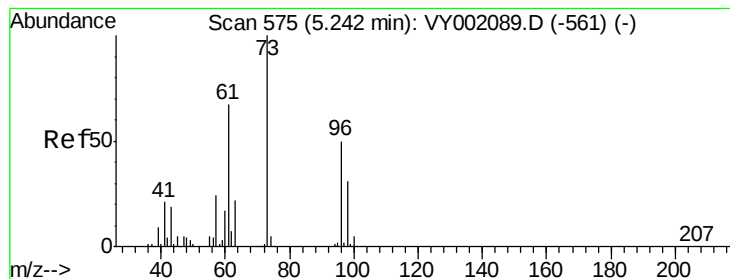
Tot Ion: 73 Resp: 94387
Ion Ratio Lower Upper
73 100
57 25.2 19.0 28.6



#20
Methylene Chloride
Concen: 20.981 ug/l
RT: 4.74 min Scan# 493
Delta R.T. 0.01 min
Lab File: VY002185.D
Acq: 02 Apr 2020 12:40

Tgt Ion: 84 Resp: 46589
Ion Ratio Lower Upper
84 100
49 121.6 102.2 153.4
51 38.1 31.2 46.8
86 61.2 52.6 78.8





#21

trans-1,2-Dichloroethene

Concen: 20.973 ug/l

RT: 5.25 min Scan# 577

Delta R.T. 0.01 min

Lab File: VY002185.D

Acq: 02 Apr 2020 12:40

Instrument :

MSVOA_Y

ClientSampled :

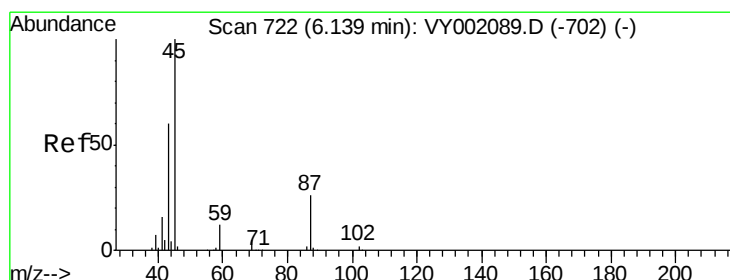
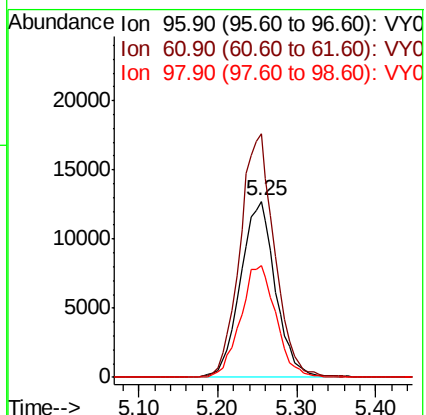
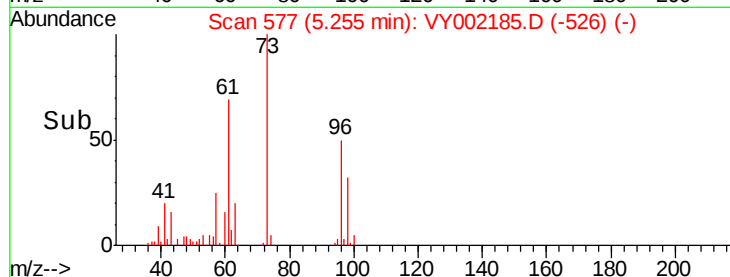
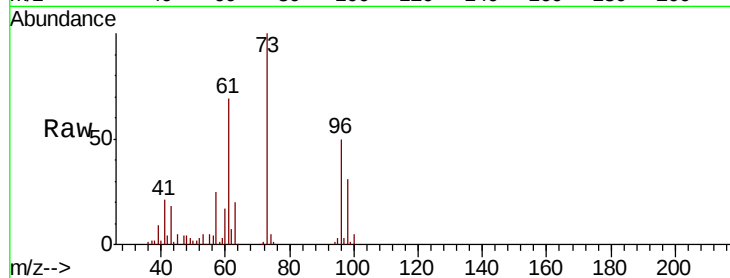
Tot Ion: 96 Resp: 39193

Ion Ratio Lower Upper

96 100

61 138.5 107.7 161.5

98 63.2 50.5 75.7



#22

Diisopropyl ether

Concen: 20.277 ug/l

RT: 6.14 min Scan# 723

Delta R.T. 0.01 min

Lab File: VY002185.D

Acq: 02 Apr 2020 12:40

Tgt Ion: 45 Resp: 124678

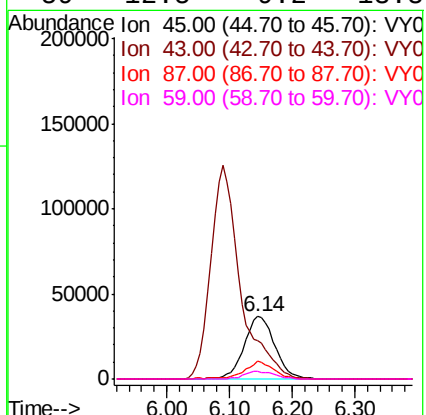
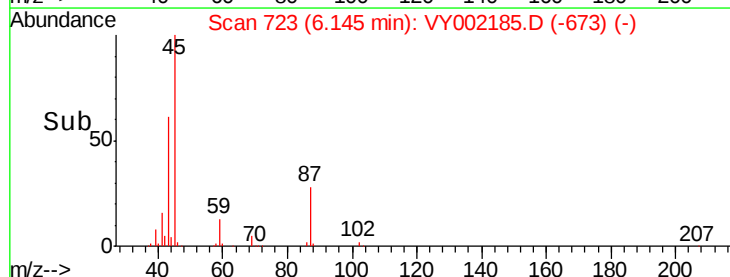
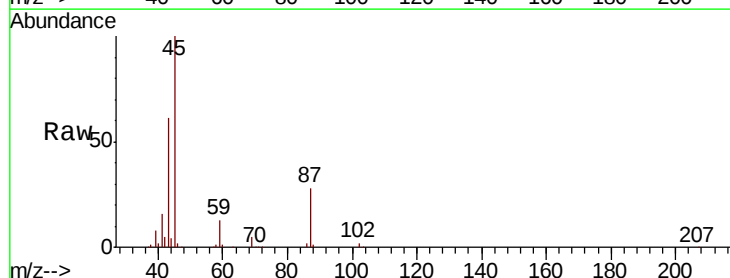
Ion Ratio Lower Upper

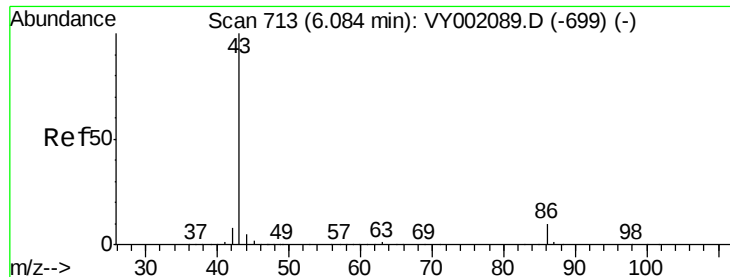
45 100

43 60.4 48.1 72.1

87 27.9 21.1 31.7

59 12.5 9.2 13.8





#23

Vinyl Acetate

Concen: 102.091 ug/l

RT: 6.09 min Scan# 714

Delta R.T. 0.01 min

Lab File: VY002185.D

Acq: 02 Apr 2020 12:40

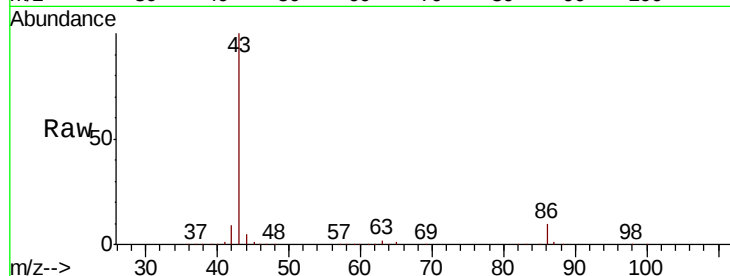
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 43 Resp: 411634

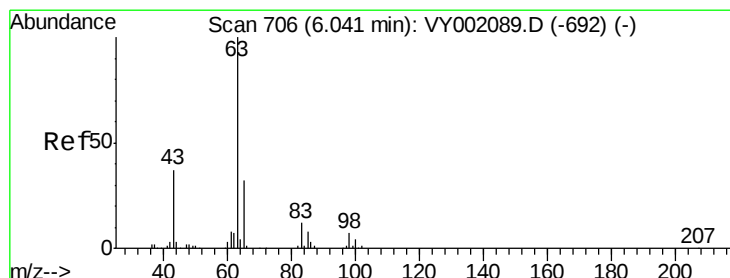
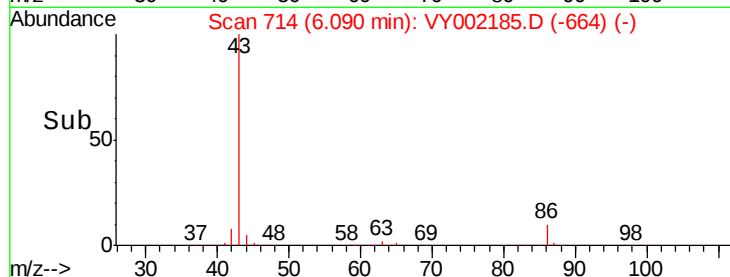
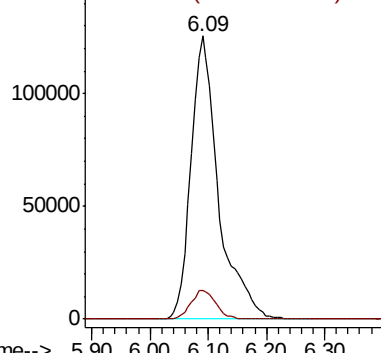
Ion Ratio Lower Upper

43 100

86 10.0 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: 20.777 ug/l

RT: 6.05 min Scan# 707

Delta R.T. 0.01 min

Lab File: VY002185.D

Acq: 02 Apr 2020 12:40

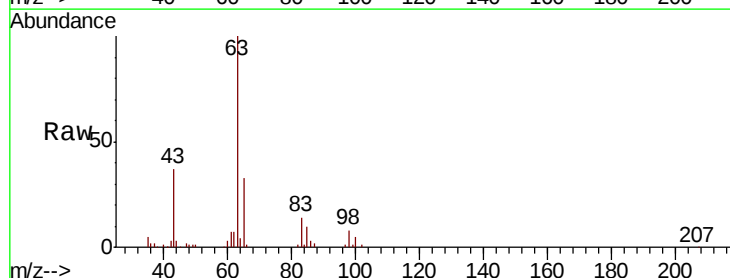
Tgt Ion: 63 Resp: 67927

Ion Ratio Lower Upper

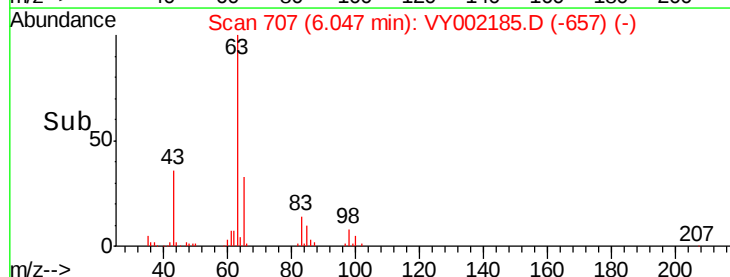
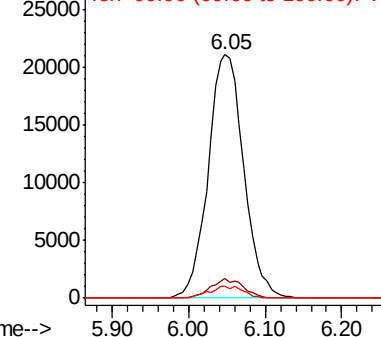
63 100

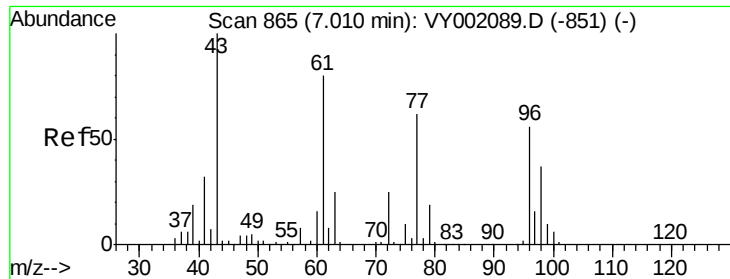
98 7.8 3.3 9.9

100 4.8 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

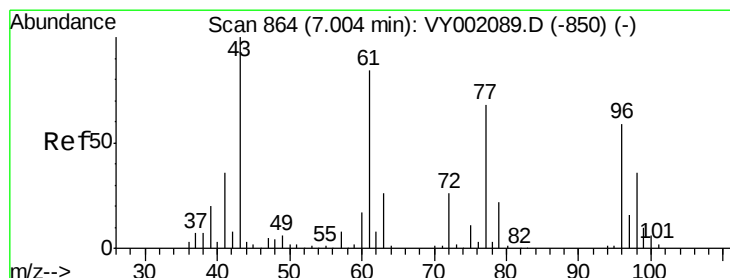
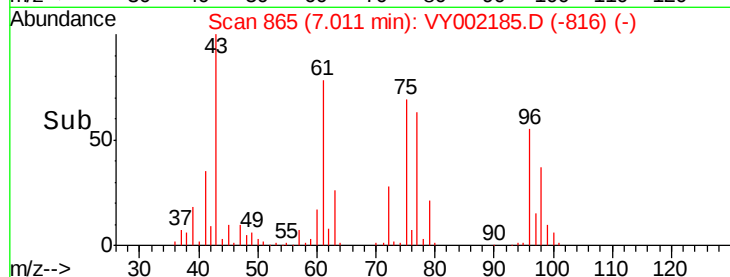
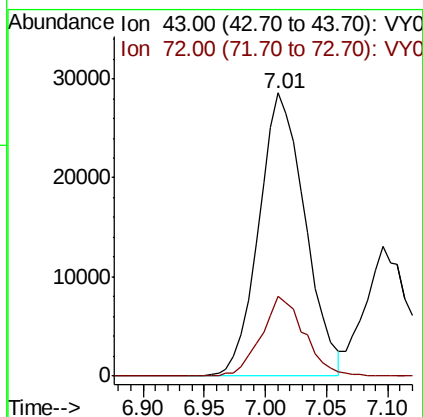
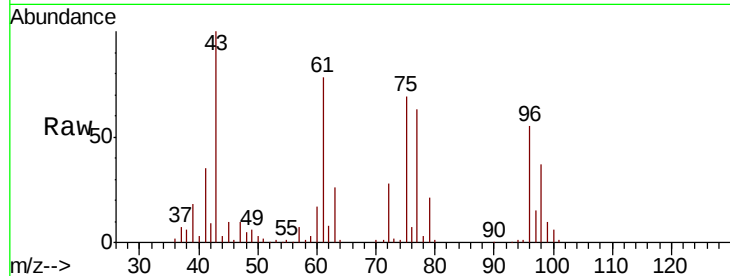




#25
2-Butanone
Concen: 104.262 ug/l
RT: 7.01 min Scan# 865
Delta R.T. 0.00 min
Lab File: VY002185.D
Acq: 02 Apr 2020 12:40

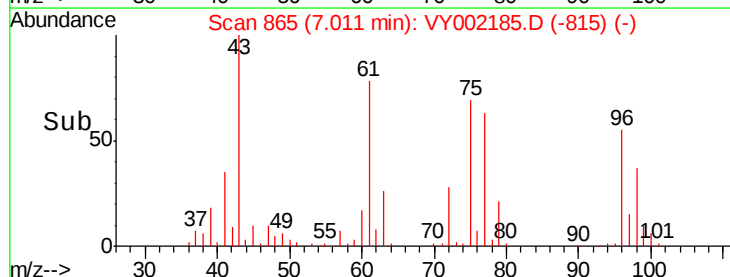
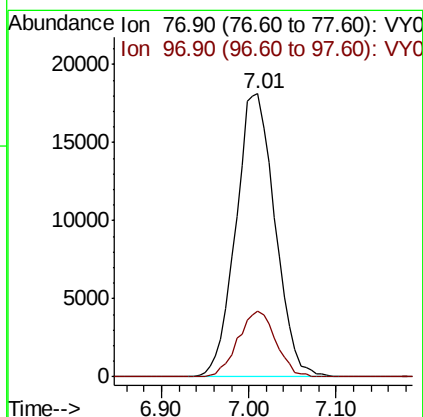
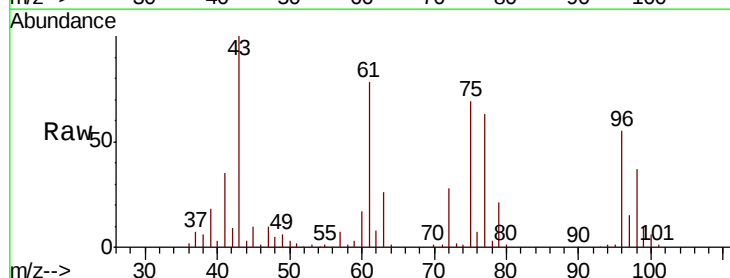
Instrument :
MSVOA_Y
ClientSampled :

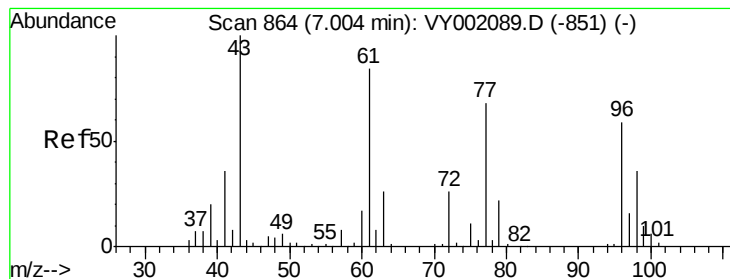
Tot Ion: 43 Resp: 75208
Ion Ratio Lower Upper
43 100
72 28.4 20.2 30.2



#26
2,2-Dichloropropane
Concen: 20.984 ug/l
RT: 7.01 min Scan# 865
Delta R.T. 0.01 min
Lab File: VY002185.D
Acq: 02 Apr 2020 12:40

Tgt Ion: 77 Resp: 56501
Ion Ratio Lower Upper
77 100
97 22.5 11.7 35.1



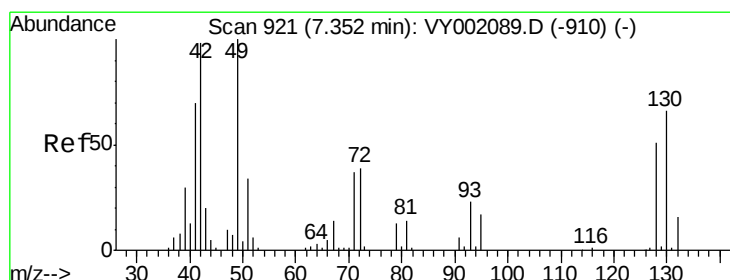
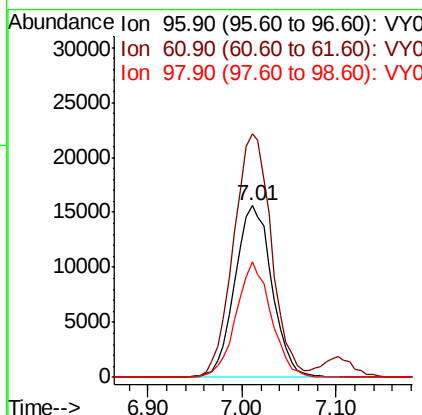
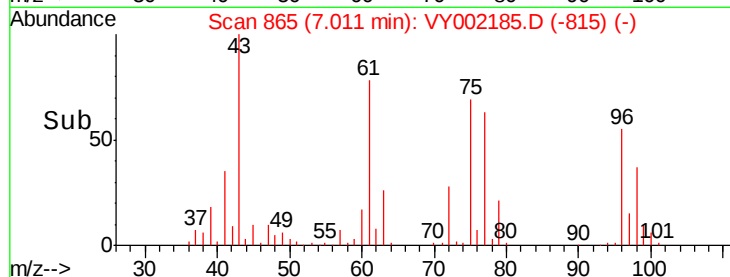
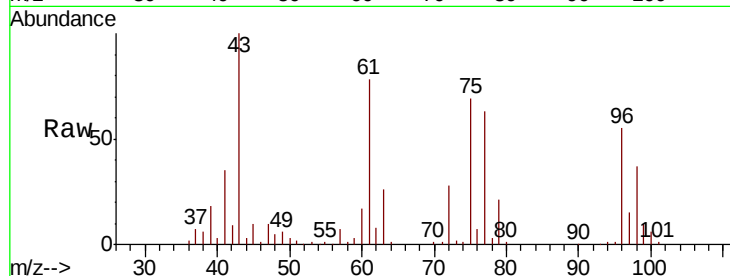


#27

cis-1,2-Dichloroethene
Concen: 20.893 ug/l
RT: 7.01 min Scan# 865
Delta R.T. 0.01 min
Lab File: VY002185.D
Acq: 02 Apr 2020 12:40

Instrument :
MSVOA_Y
ClientSampled :

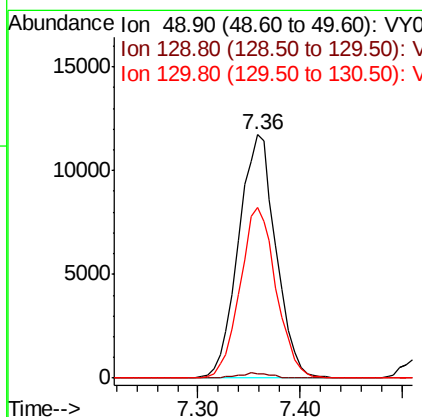
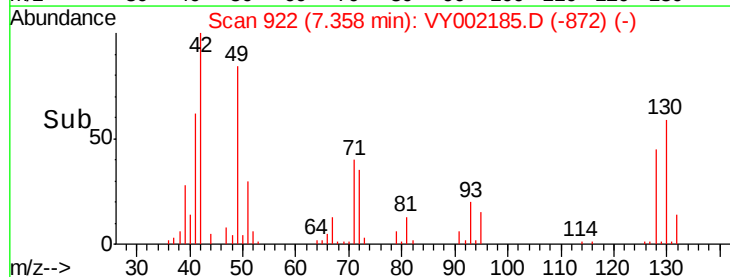
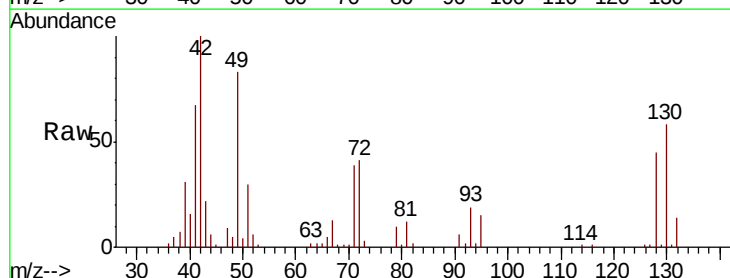
Tot Ion: 96 Resp: 42953
Ion Ratio Lower Upper
96 100
61 144.8 0.0 290.6
98 63.5 0.0 128.0

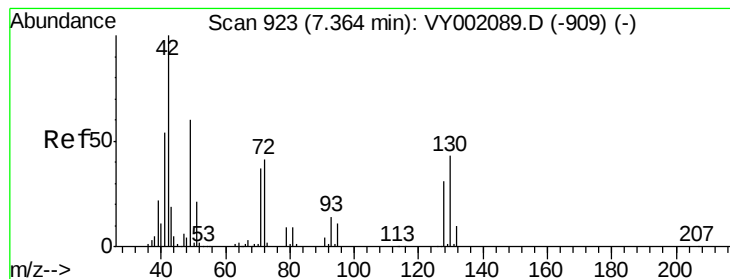


#28

Bromochloromethane
Concen: 19.978 ug/l
RT: 7.36 min Scan# 922
Delta R.T. 0.01 min
Lab File: VY002185.D
Acq: 02 Apr 2020 12:40

Tgt Ion: 49 Resp: 29818
Ion Ratio Lower Upper
49 100
129 1.6 0.0 3.4
130 67.8 54.1 81.1





#29

Tetrahydrofuran

Concen: 103.989 ug/l

RT: 7.36 min Scan# 923

Delta R.T. 0.00 min

Lab File: VY002185.D

Acq: 02 Apr 2020 12:40

Instrument :

MSVOA_Y

ClientSampled :

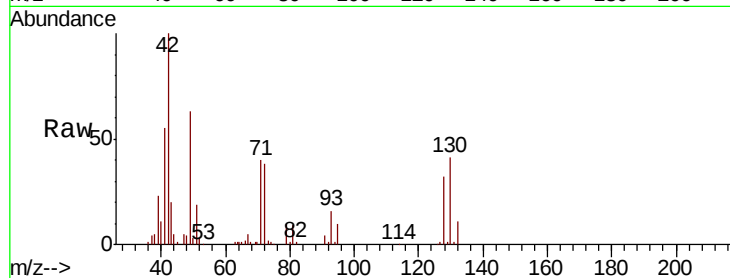
Tot Ion: 42 Resp: 49180

Ion Ratio Lower Upper

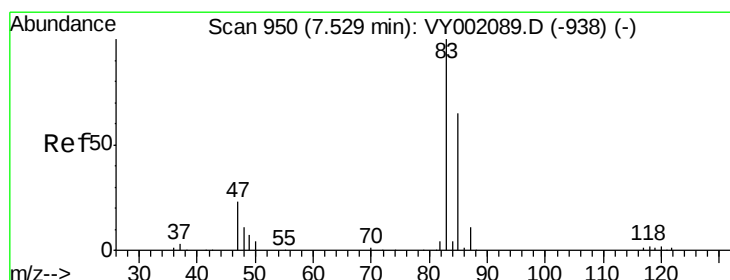
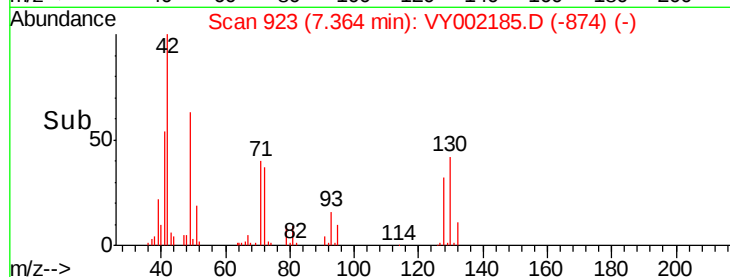
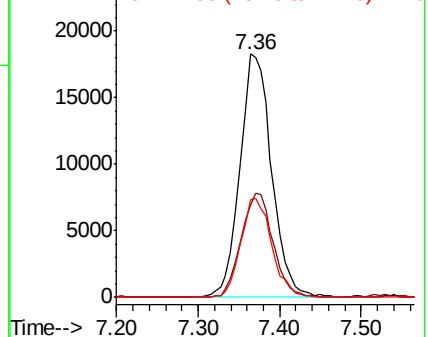
42 100

72 42.9 33.0 49.4

71 39.6 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: 20.459 ug/l

RT: 7.53 min Scan# 950

Delta R.T. 0.00 min

Lab File: VY002185.D

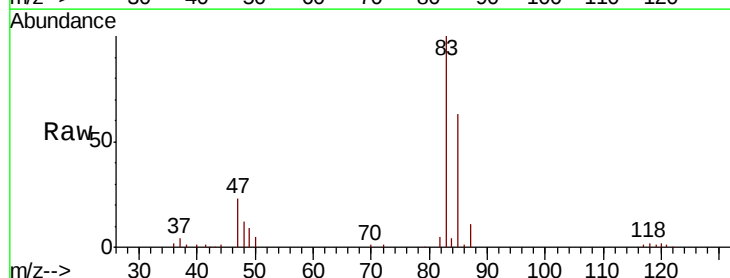
Acq: 02 Apr 2020 12:40

Tgt Ion: 83 Resp: 63399

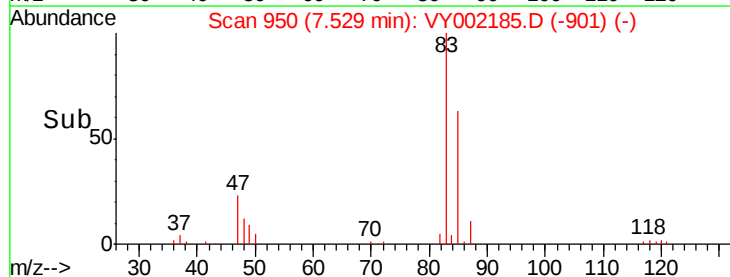
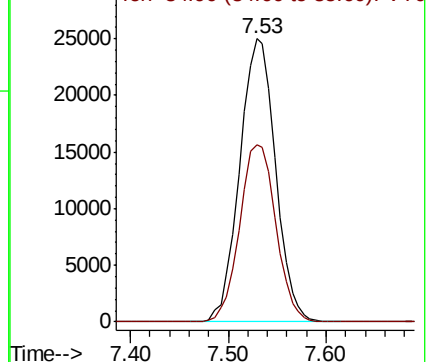
Ion Ratio Lower Upper

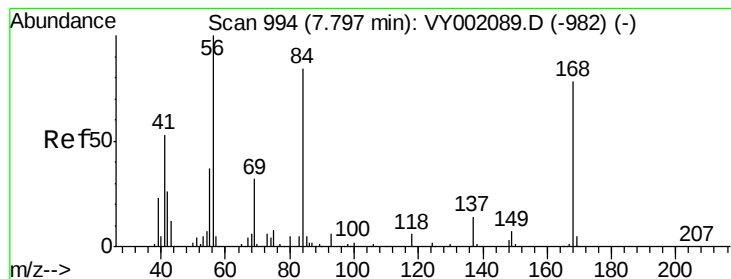
83 100

85 62.6 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: 20.506 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.01 min

Lab File: VY002185.D

Acq: 02 Apr 2020 12:40

Instrument :
MSVOA_Y
ClientSampleId :

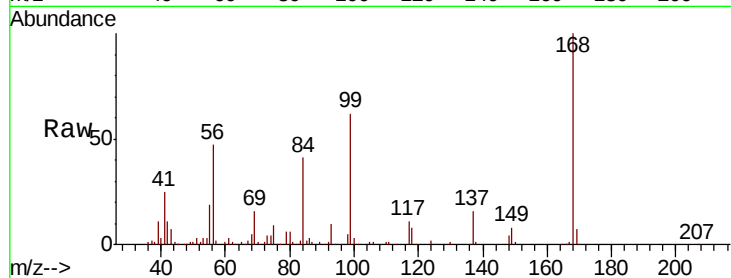
Tot Ion: 56 Resp: 71437

Ion Ratio Lower Upper

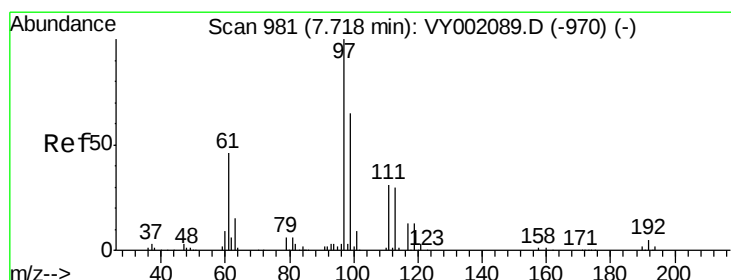
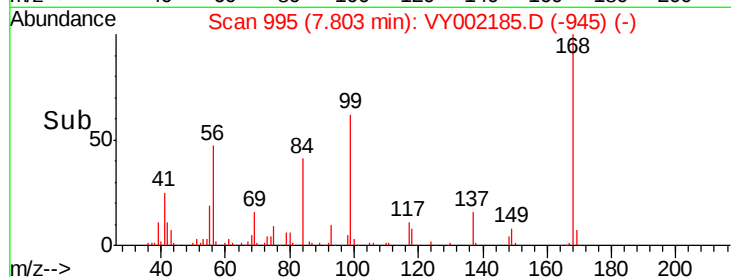
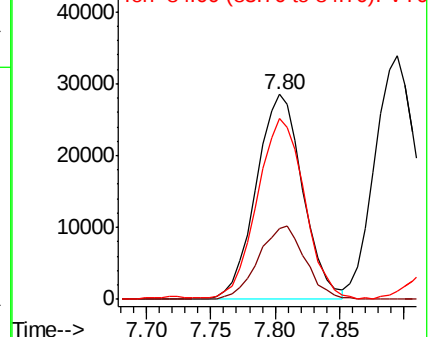
56 100

69 34.6 25.8 38.8

84 87.6 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: 20.744 ug/l

RT: 7.72 min Scan# 982

Delta R.T. 0.01 min

Lab File: VY002185.D

Acq: 02 Apr 2020 12:40

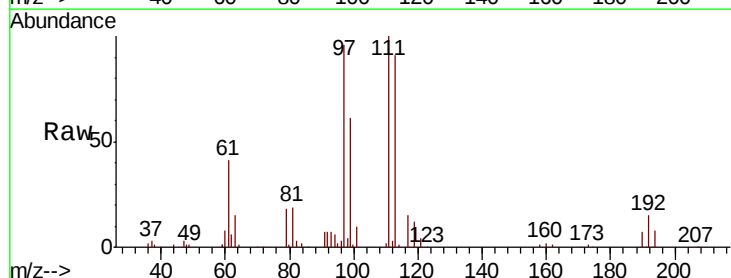
Tgt Ion: 97 Resp: 53670

Ion Ratio Lower Upper

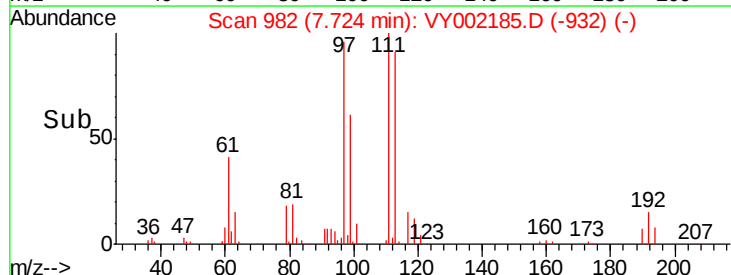
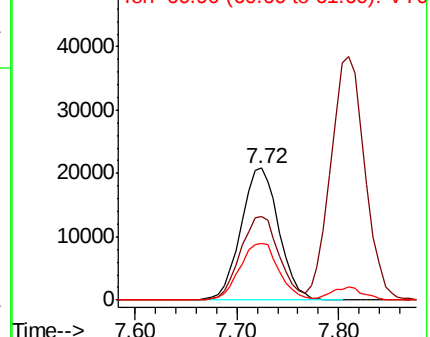
97 100

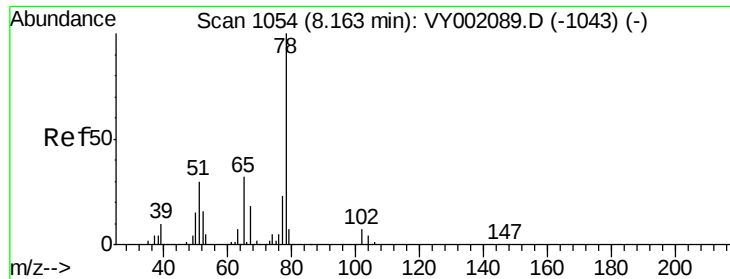
99 65.3 52.0 78.0

61 44.4 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

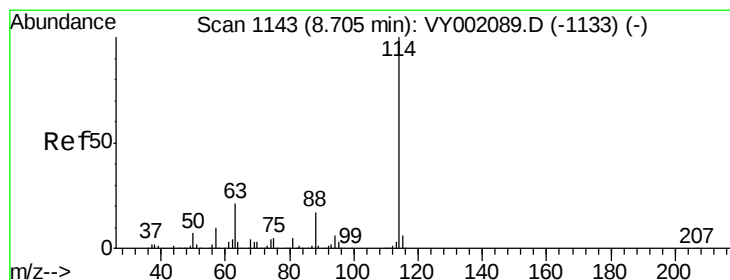
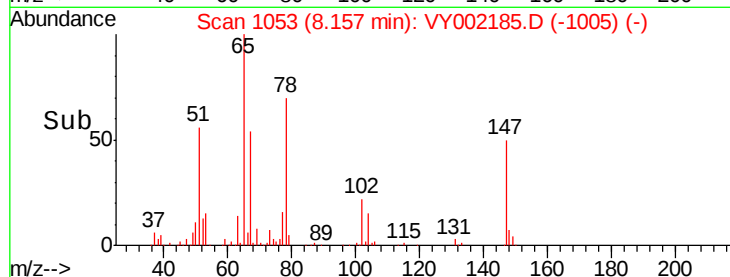
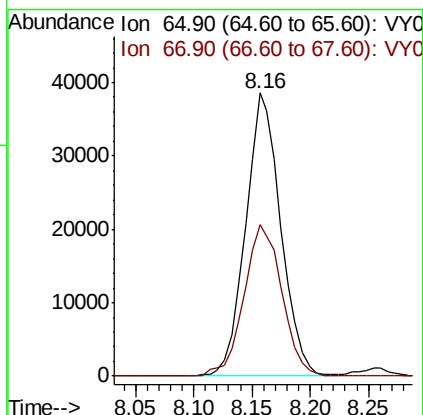
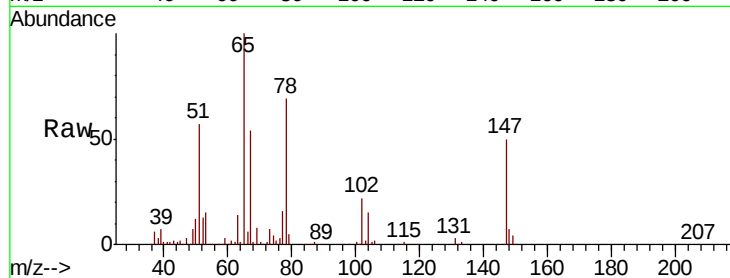




#33
 1,2-Dichloroethane-d4
 Concen: 48.460 ug/l
 RT: 8.16 min Scan# 1053
 Delta R.T. -0.01 min
 Lab File: VY002185.D
 Acq: 02 Apr 2020 12:40

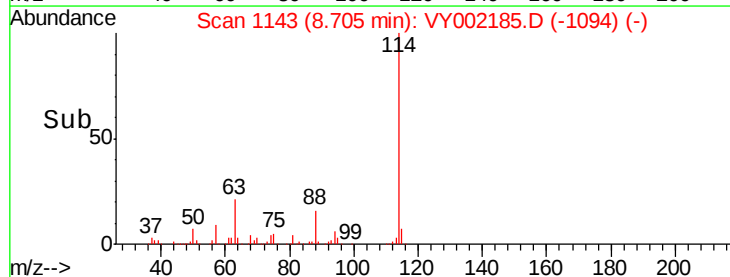
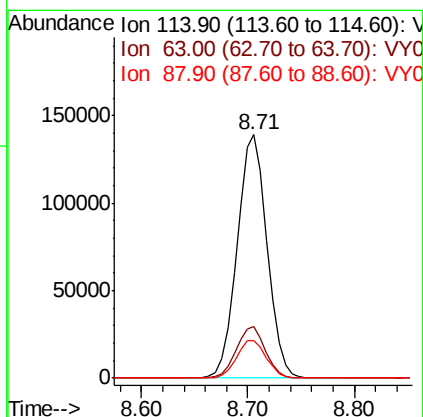
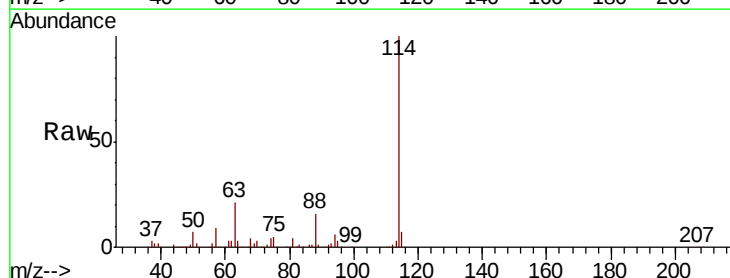
Instrument :
 MSVOA_Y
 ClientSampleId :

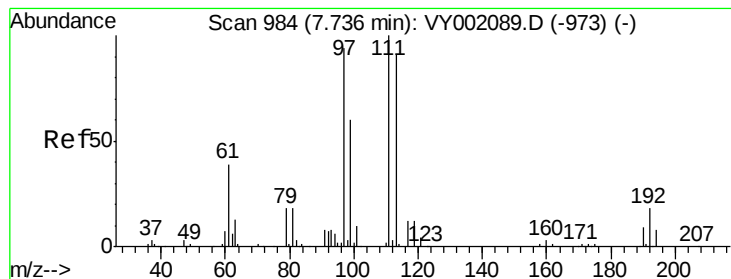
Tot Ion: 65 Resp: 81029
 Ion Ratio Lower Upper
 65 100
 67 57.6 0.0 112.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. 0.00 min
 Lab File: VY002185.D
 Acq: 02 Apr 2020 12:40

Tgt Ion: 114 Resp: 272997
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 41.4
 88 15.6 0.0 33.0





#35

Dibromofluoromethane

Concen: 49.788 ug/l

RT: 7.74 min Scan# 984

Delta R.T. 0.00 min

Lab File: VY002185.D

Acq: 02 Apr 2020 12:40

Instrument :

MSVOA_Y

ClientSampleId :

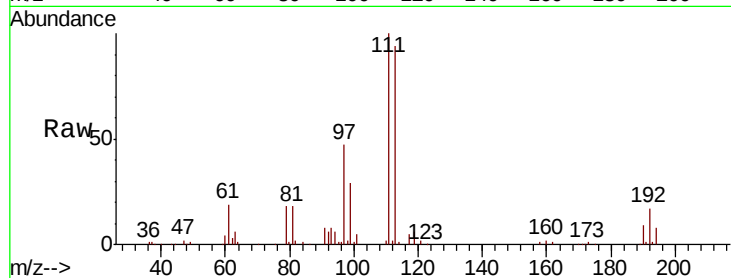
Tot Ion:113 Resp: 76158

Ion Ratio Lower Upper

113 100

111 104.0 84.4 126.6

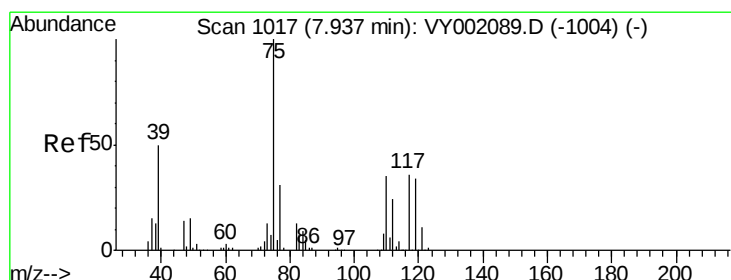
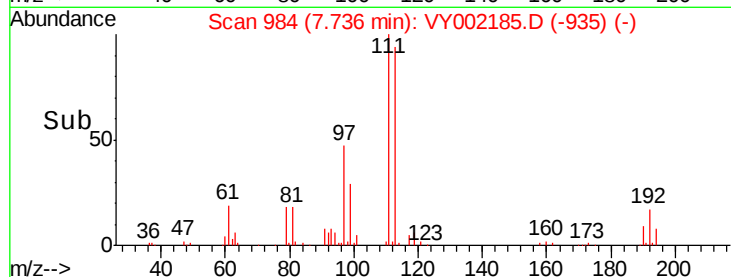
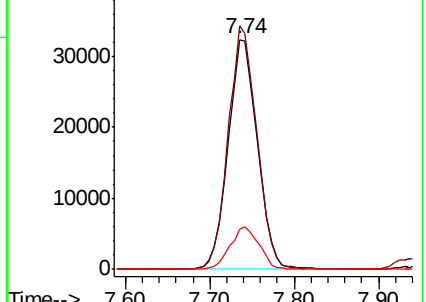
192 18.1 14.6 21.8

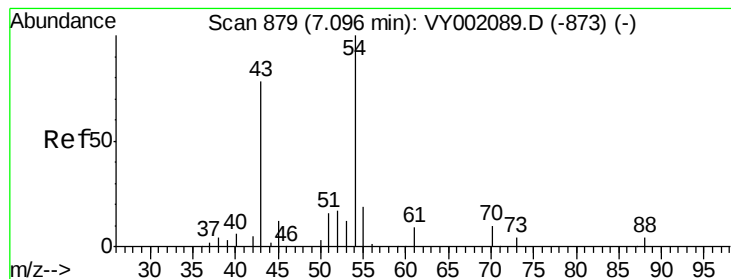


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#37

Ethyl Acetate

Concen: 21.623 ug/l

RT: 7.10 min Scan# 879

Delta R.T. 0.00 min

Lab File: VY002185.D

Acq: 02 Apr 2020 12:40

Instrument :
MSVOA_Y
ClientSampled :

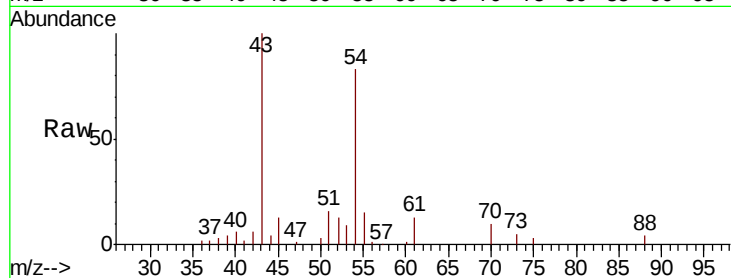
Tot Ion: 43 Resp: 33741

Ion Ratio Lower Upper

43 100

61 13.0 11.2 16.8

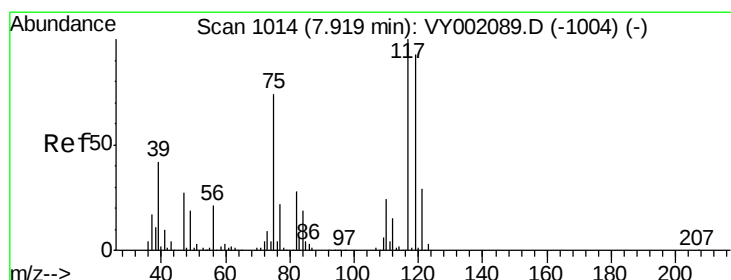
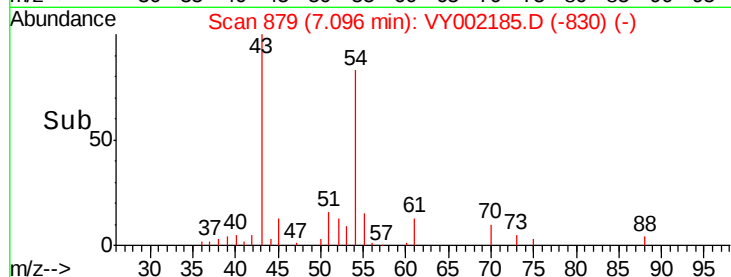
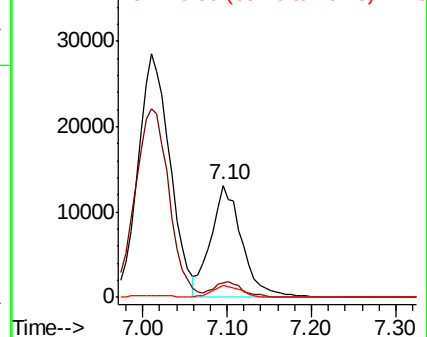
70 9.8 8.2 12.4



Abundance Ion 43.00 (42.70 to 43.70): VY002185.D (-873) (-)

Ion 60.90 (60.60 to 61.60): VY002185.D (-873) (-)

Ion 70.00 (69.70 to 70.70): VY002185.D (-873) (-)



#38

Carbon Tetrachloride

Concen: 20.687 ug/l

RT: 7.92 min Scan# 1014

Delta R.T. 0.00 min

Lab File: VY002185.D

Acq: 02 Apr 2020 12:40

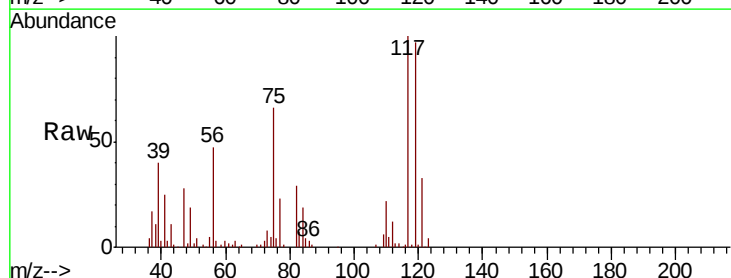
Tgt Ion: 117 Resp: 45321

Ion Ratio Lower Upper

117 100

119 97.1 74.3 111.5

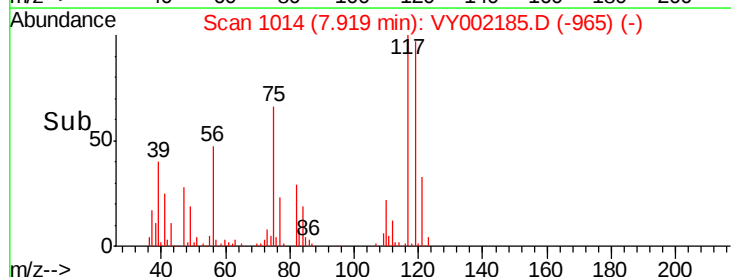
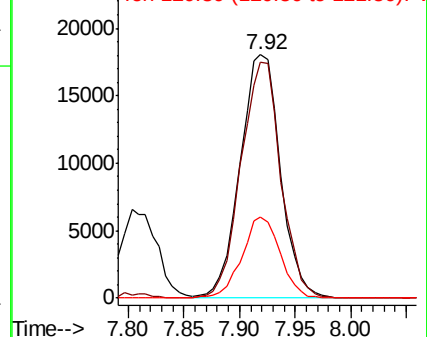
121 33.2 23.3 34.9

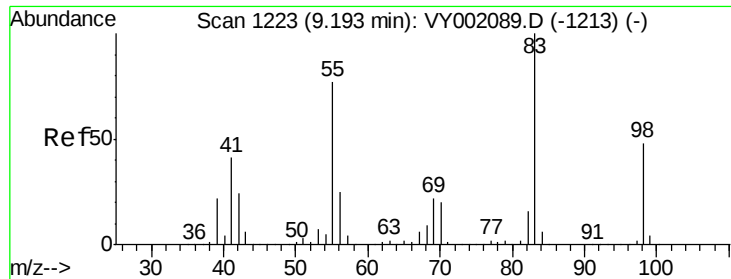


Abundance Ion 116.80 (116.50 to 117.50): VY002185.D (-1004) (-)

Ion 118.80 (118.50 to 119.50): VY002185.D (-1004) (-)

Ion 120.80 (120.50 to 121.50): VY002185.D (-1004) (-)

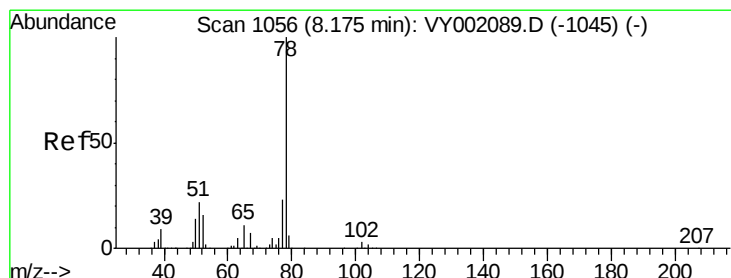
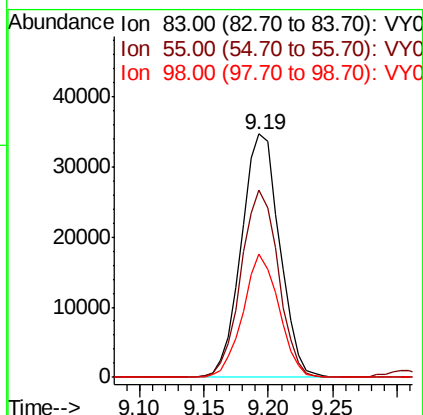
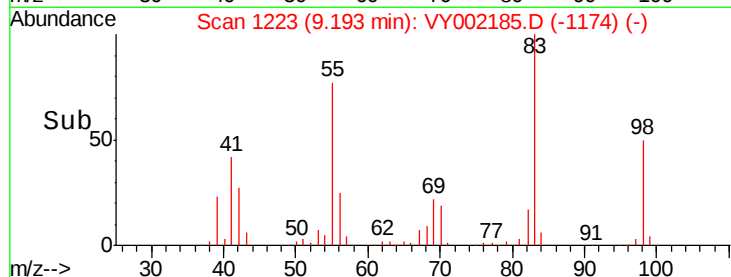
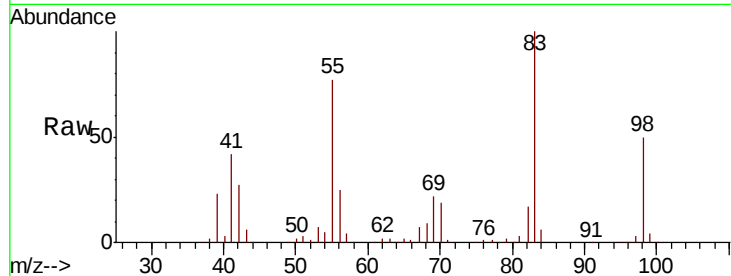




#39
Methvlcvclohexane
Concen: 21.054 ug/l
RT: 9.19 min Scan# 1223
Delta R.T. 0.00 min
Lab File: VY002185.D
Acq: 02 Apr 2020 12:40

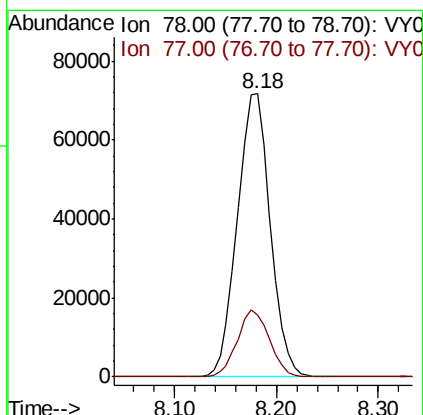
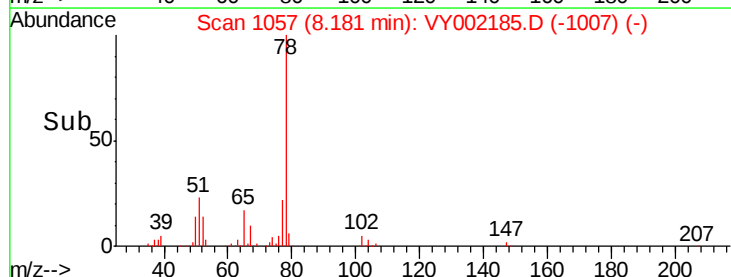
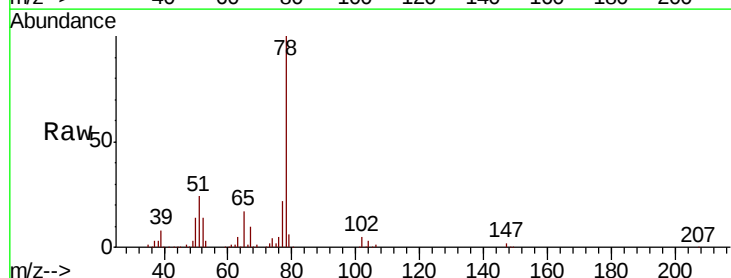
Instrument :
MSVOA_Y
ClientSampled :

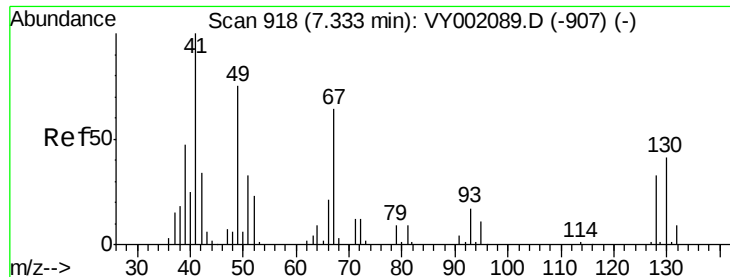
Tot Ion: 83 Resp: 71311
Ion Ratio Lower Upper
83 100
55 77.0 61.2 91.8
98 50.4 38.2 57.2



#40
Benzene
Concen: 21.043 ug/l
RT: 8.18 min Scan# 1057
Delta R.T. 0.01 min
Lab File: VY002185.D
Acq: 02 Apr 2020 12:40

Tgt Ion: 78 Resp: 160955
Ion Ratio Lower Upper
78 100
77 21.7 18.2 27.4

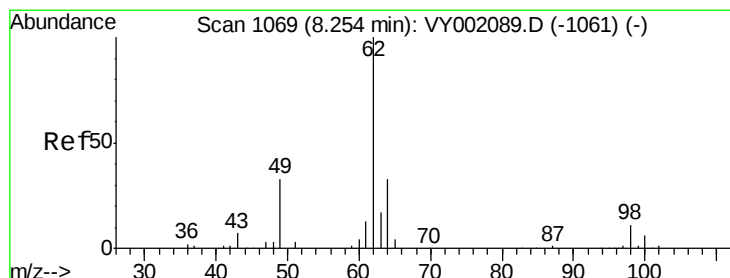
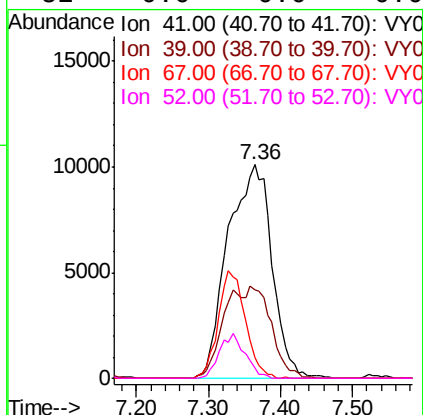
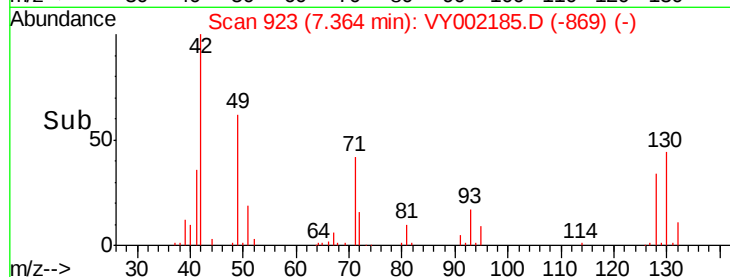
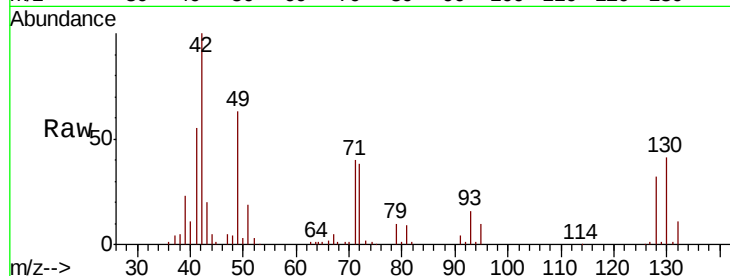




#41
Methacrylonitrile
Concen: 54.211 ug/l
RT: 7.36 min Scan# 923
Delta R.T. 0.03 min
Lab File: VY002185.D
Acq: 02 Apr 2020 12:40

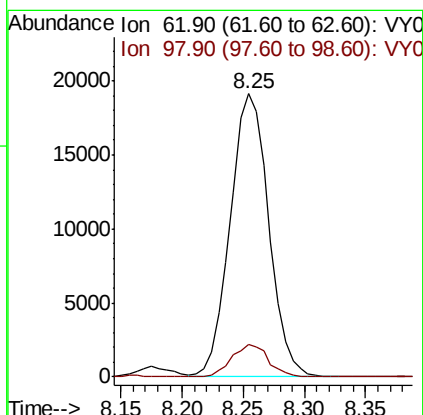
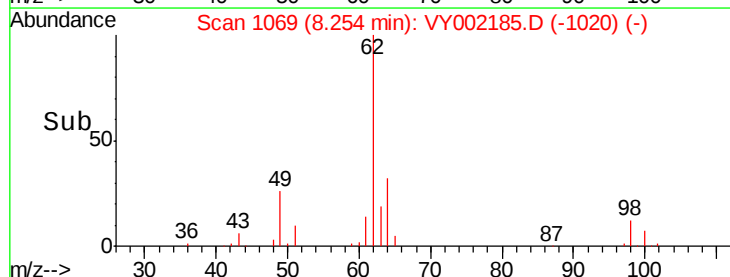
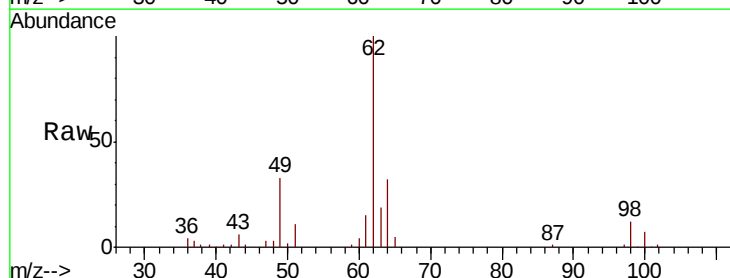
Instrument :
MSVOA_Y
ClientSampleId :

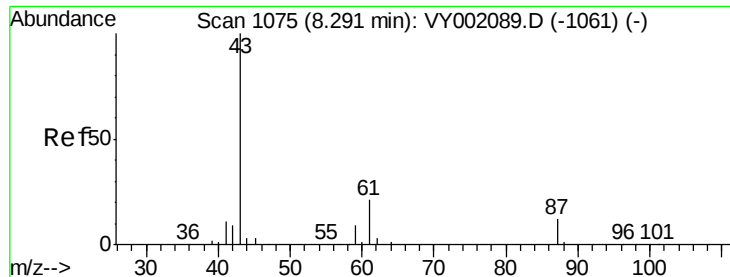
Tot Ion:	41	Resp:	42789
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 20.618 ug/l
RT: 8.25 min Scan# 1069
Delta R.T. 0.00 min
Lab File: VY002185.D
Acq: 02 Apr 2020 12:40

Tgt Ion:	62	Resp:	41869
Ion	Ratio	Lower	Upper
62	100		
98	10.8	0.0	21.2



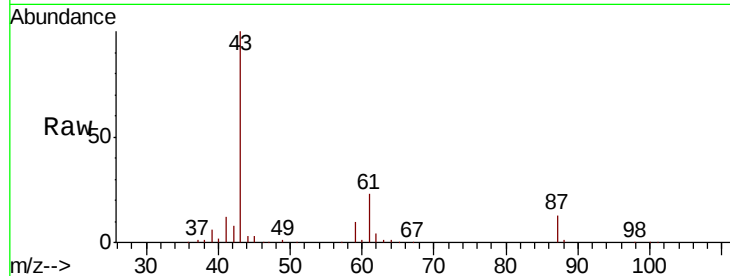


#43

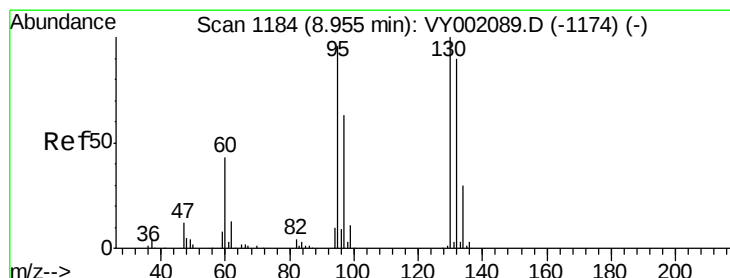
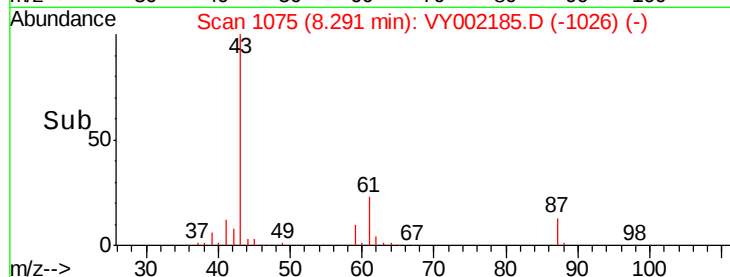
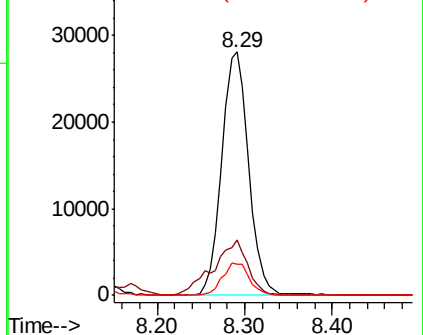
Isopropyl Acetate
 Concen: 20.767 ug/l
 RT: 8.29 min Scan# 1075
 Delta R.T. 0.00 min
 Lab File: VY002185.D
 Acq: 02 Apr 2020 12:40

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion: 43 Resp: 60144
 Ion Ratio Lower Upper
 43 100
 61 29.1 23.4 35.2
 87 13.2 10.2 15.4



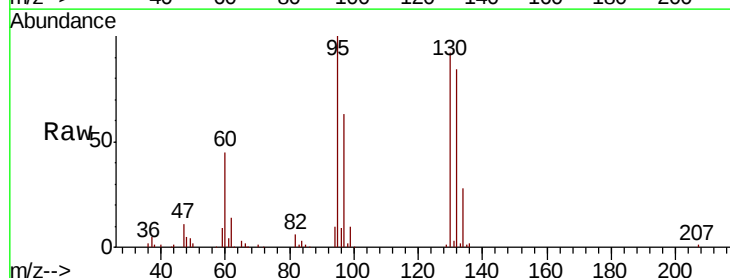
Abundance Ion 43.00 (42.70 to 43.70): VY0
 Ion 61.00 (60.70 to 61.70): VY0
 Ion 87.00 (86.70 to 87.70): VY0



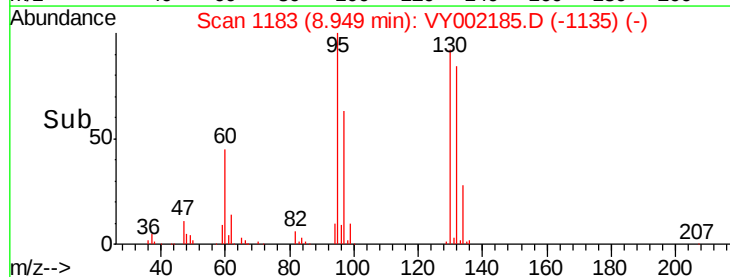
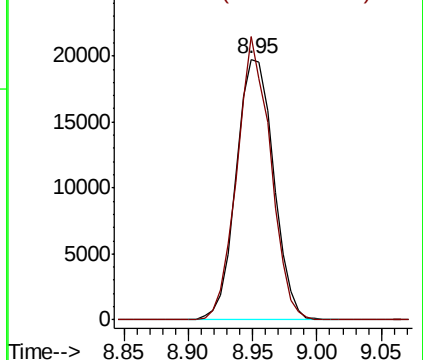
#44

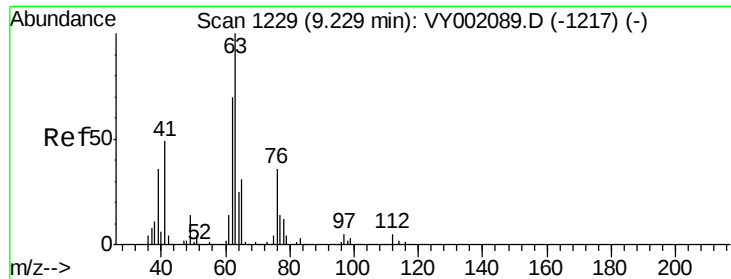
Trichloroethene
 Concen: 21.595 ug/l
 RT: 8.95 min Scan# 1183
 Delta R.T. -0.01 min
 Lab File: VY002185.D
 Acq: 02 Apr 2020 12:40

Tgt Ion:130 Resp: 39816
 Ion Ratio Lower Upper
 130 100
 95 108.5 0.0 193.0



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

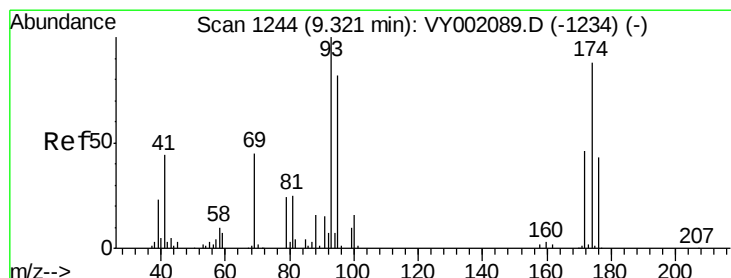
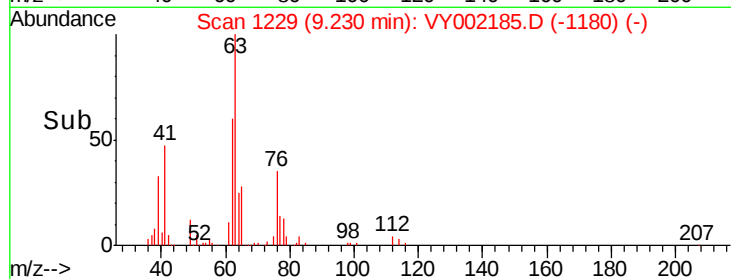
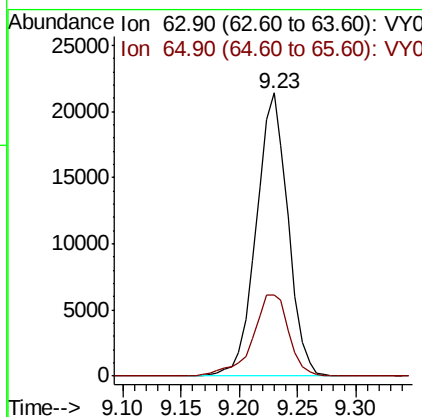
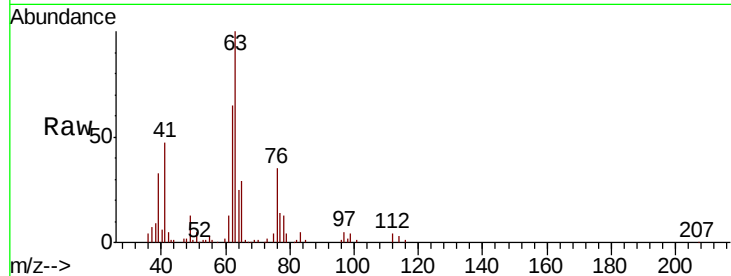




#45
 1,2-Dichloropropane
 Concen: 20.841 ug/l
 RT: 9.23 min Scan# 1229
 Delta R.T. 0.00 min
 Lab File: VY002185.D
 Acq: 02 Apr 2020 12:40

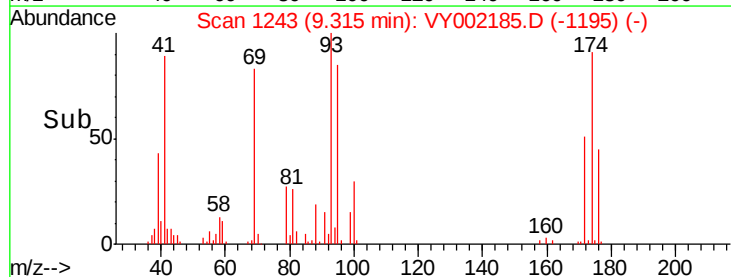
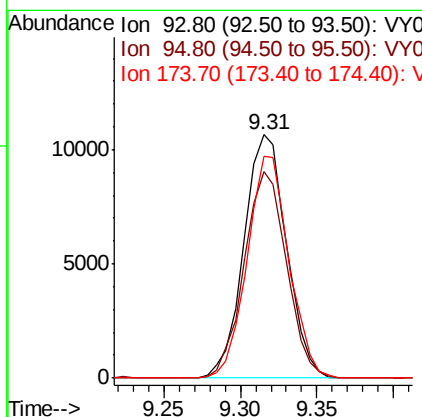
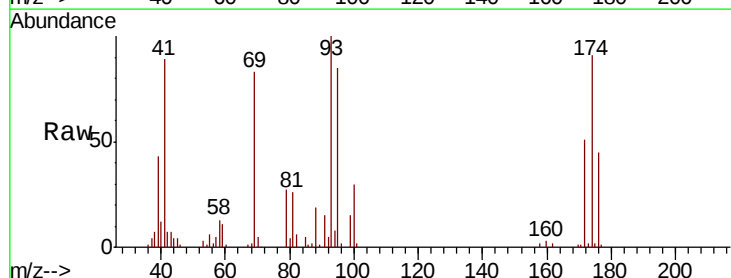
Instrument :
 MSVOA_Y
 ClientSampleId :

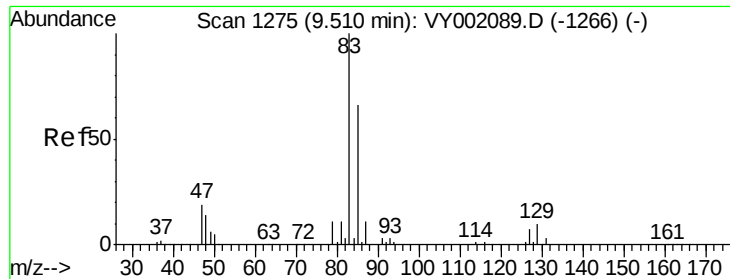
Tot Ion: 63 Resp: 40588
 Ion Ratio Lower Upper
 63 100
 65 28.8 25.0 37.6



#46
 Dibromomethane
 Concen: 20.620 ug/l
 RT: 9.31 min Scan# 1243
 Delta R.T. -0.01 min
 Lab File: VY002185.D
 Acq: 02 Apr 2020 12:40

Tgt Ion: 93 Resp: 20624
 Ion Ratio Lower Upper
 93 100
 95 84.5 66.0 99.0
 174 89.5 69.8 104.8





#47

Bromodichloromethane

Concen: 20.768 ug/l

RT: 9.50 min Scan# 1274

Delta R.T. -0.01 min

Lab File: VY002185.D

Acq: 02 Apr 2020 12:40

Instrument :

MSVOA_Y

ClientSampleId :

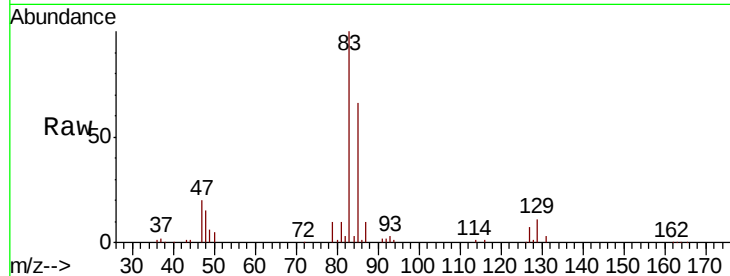
Tot Ion: 83 Resp: 48355

Ion Ratio Lower Upper

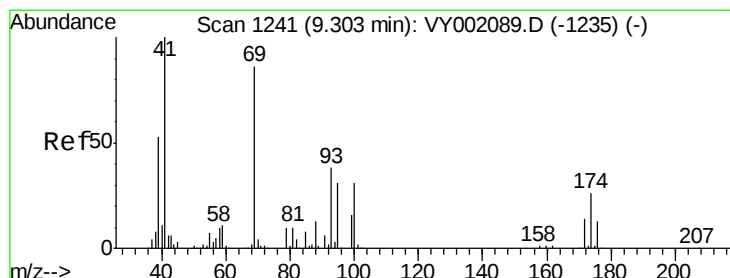
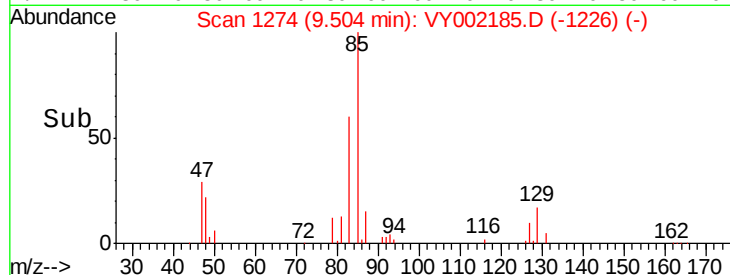
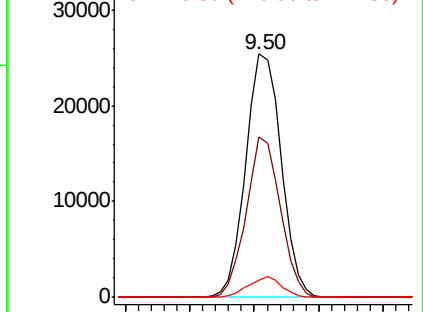
83 100

85 65.9 52.6 79.0

127 6.8 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: 20.393 ug/l

RT: 9.30 min Scan# 1241

Delta R.T. 0.00 min

Lab File: VY002185.D

Acq: 02 Apr 2020 12:40

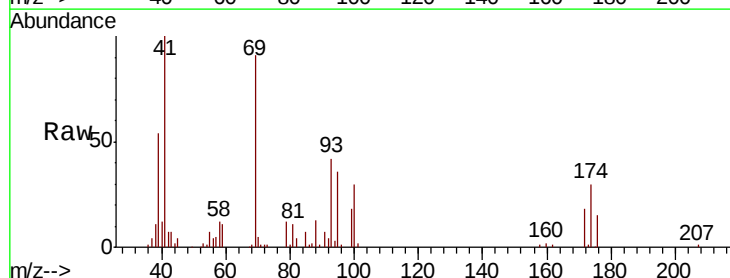
Tgt Ion: 41 Resp: 26468

Ion Ratio Lower Upper

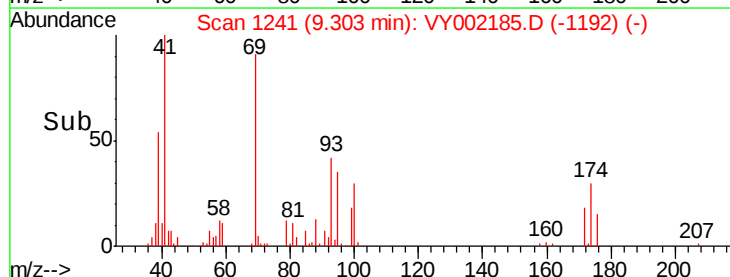
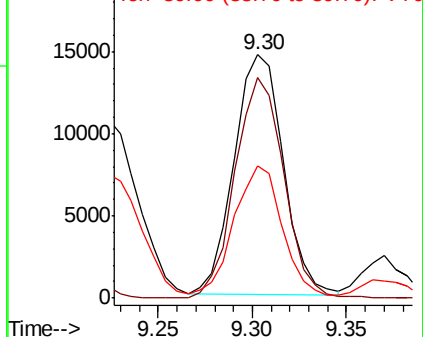
41 100

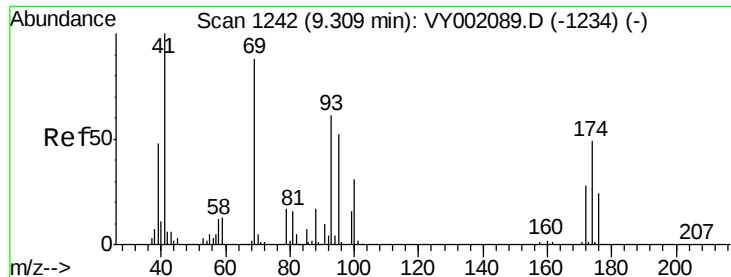
69 91.2 71.4 107.0

39 52.3 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: 423.759 ug/l

RT: 9.31 min Scan# 1243

Delta R.T. 0.01 min

Lab File: VY002185.D

Acq: 02 Apr 2020 12:40

Instrument :
MSVOA_Y
ClientSampleId :

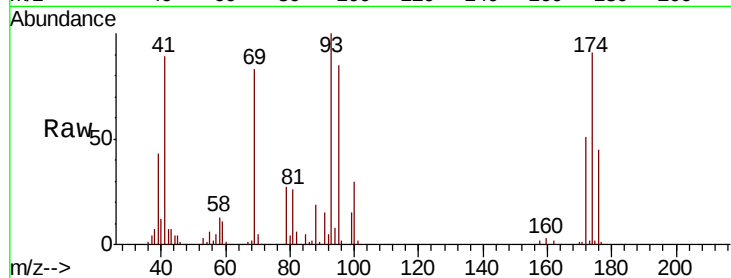
Tot Ion: 88 Resp: 5816

Ion Ratio Lower Upper

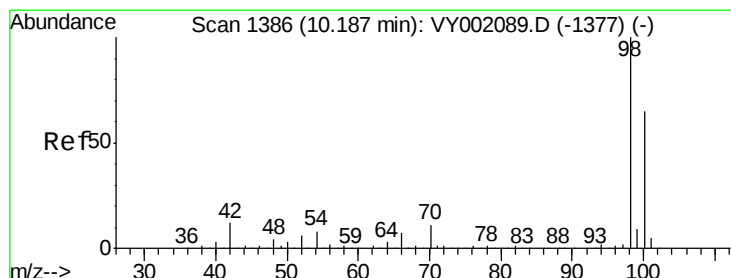
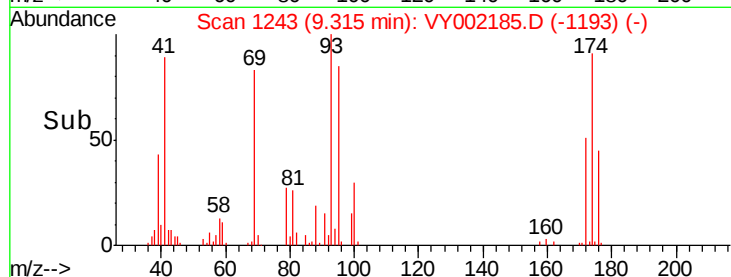
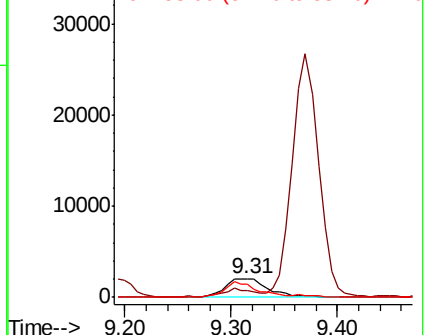
88 100

43 35.4 27.2 40.8

58 65.9 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: 49.617 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. 0.00 min

Lab File: VY002185.D

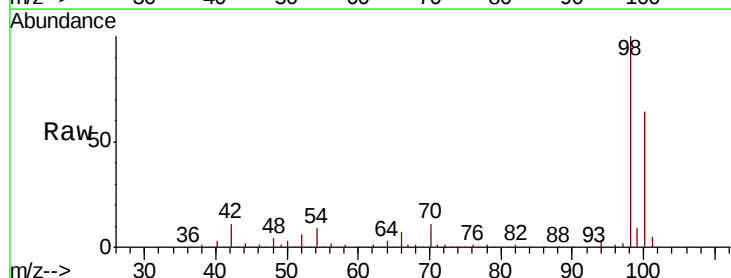
Acq: 02 Apr 2020 12:40

Tgt Ion: 98 Resp: 315293

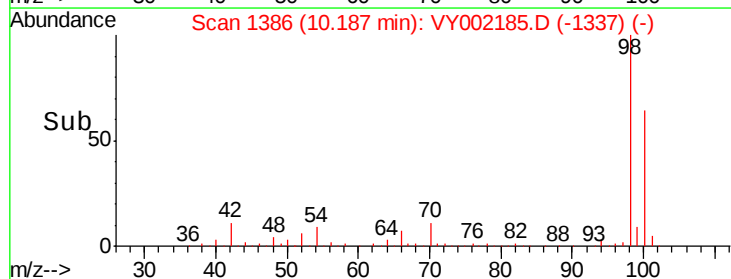
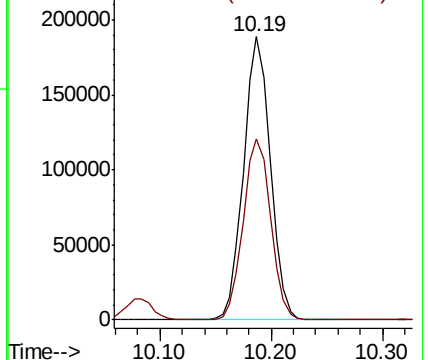
Ion Ratio Lower Upper

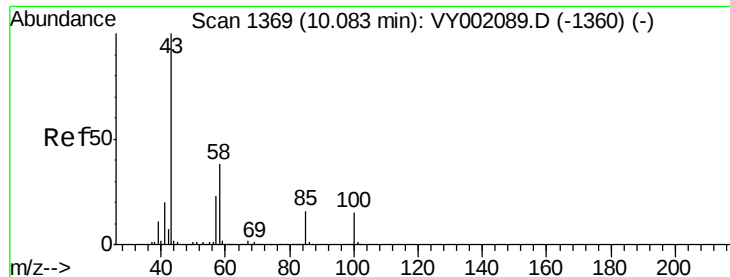
98 100

100 65.6 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: 108.745 ug/l

RT: 10.08 min Scan# 1368

Delta R.T. -0.01 min

Lab File: VY002185.D

Acq: 02 Apr 2020 12:40

Instrument :

MSVOA_Y

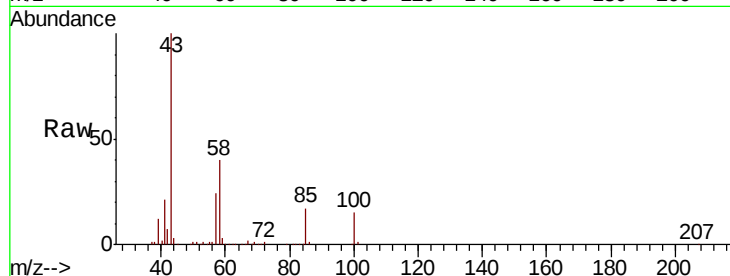
ClientSampleId :

Tot Ion: 43 Resp: 162172

Ion Ratio Lower Upper

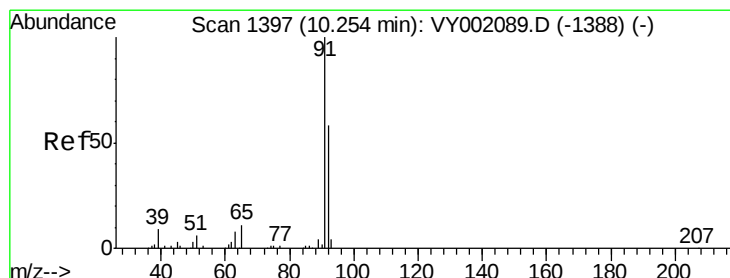
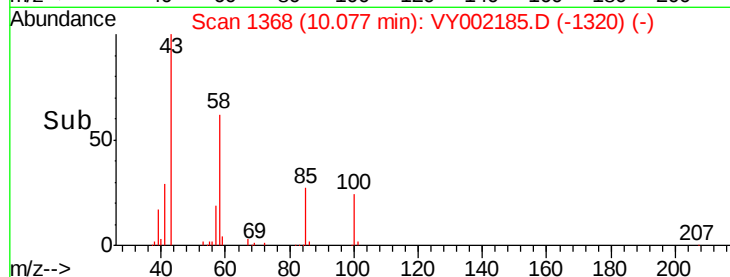
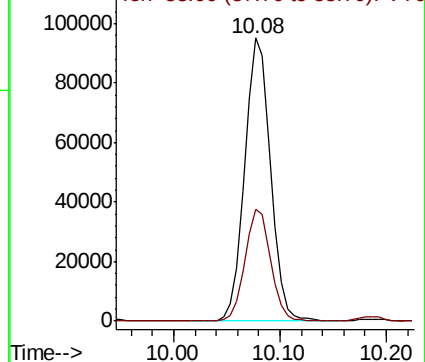
43 100

58 39.4 31.6 47.4



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#52

Toluene

Concen: 21.045 ug/l

RT: 10.25 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VY002185.D

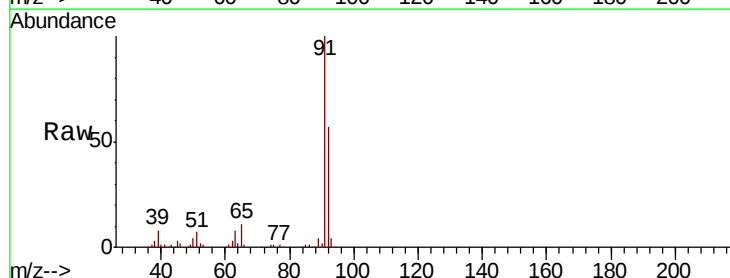
Acq: 02 Apr 2020 12:40

Tgt Ion: 92 Resp: 97360

Ion Ratio Lower Upper

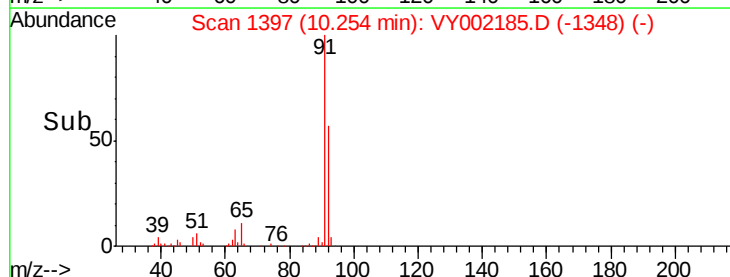
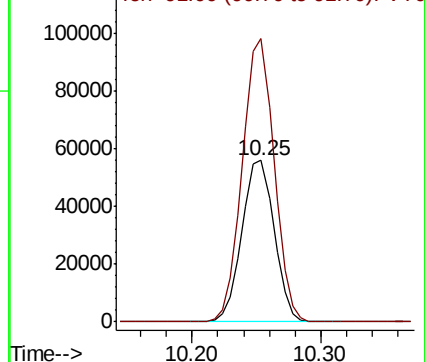
92 100

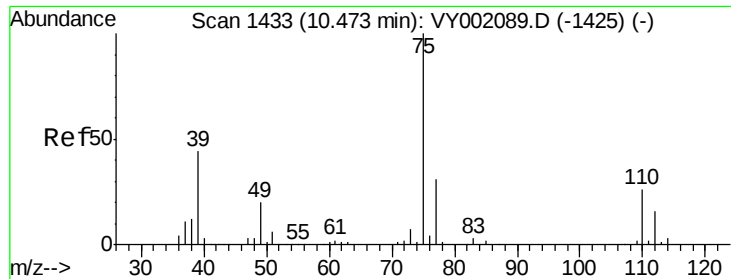
91 172.7 139.3 208.9



Abundance Ion 92.00 (91.70 to 92.70): VY0

Ion 91.00 (90.70 to 91.70): VY0





#53

t-1,3-Dichloropropene

Concen: 20.380 ug/l

RT: 10.47 min Scan# 1433

Delta R.T. 0.00 min

Lab File: VY002185.D

Acq: 02 Apr 2020 12:40

Instrument :

MSVOA_Y

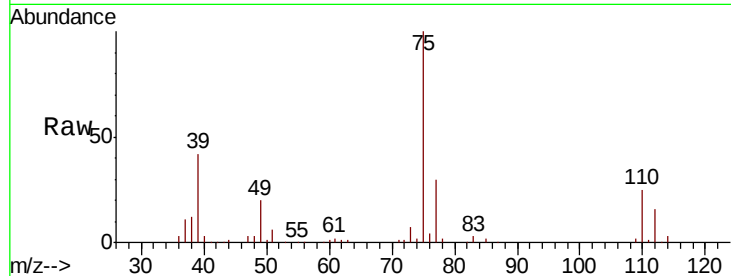
ClientSampleId :

Tot Ion: 75 Resp: 52669

Ion Ratio Lower Upper

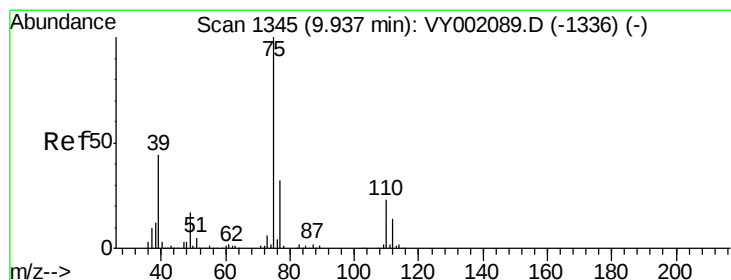
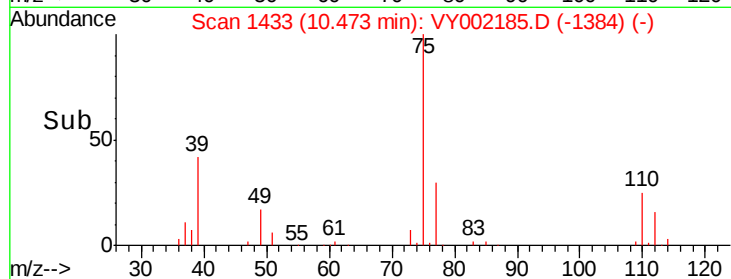
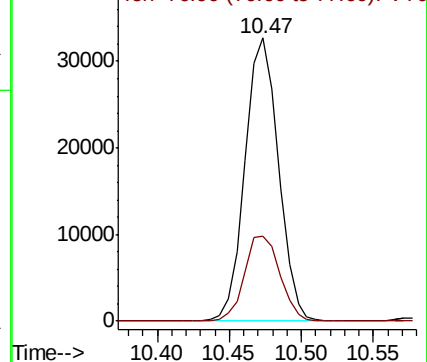
75 100

77 30.2 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: 20.607 ug/l

RT: 9.94 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VY002185.D

Acq: 02 Apr 2020 12:40

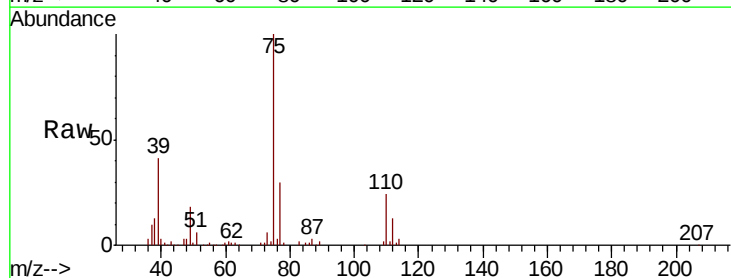
Tgt Ion: 75 Resp: 62699

Ion Ratio Lower Upper

75 100

77 29.5 25.6 38.4

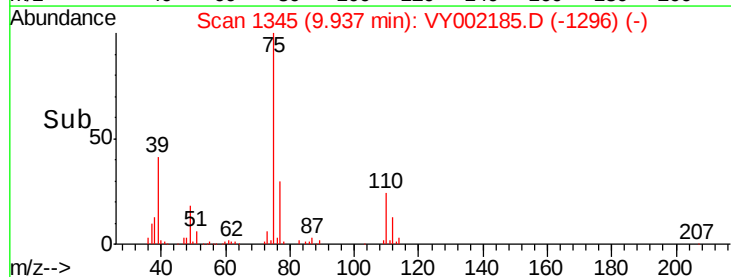
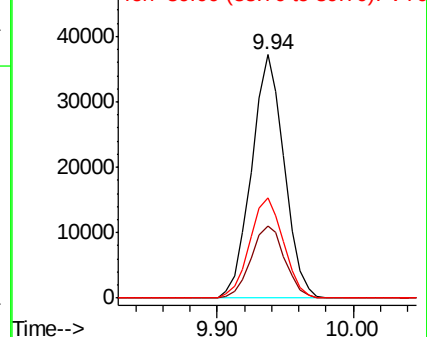
39 41.1 35.2 52.8

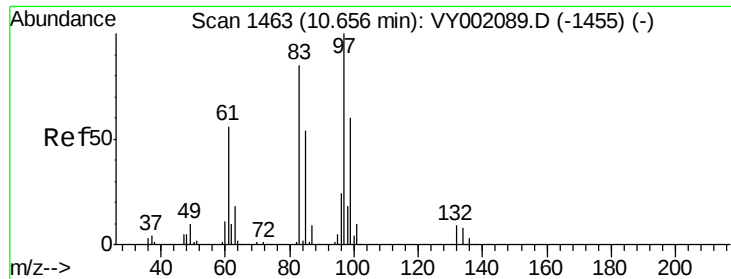


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0

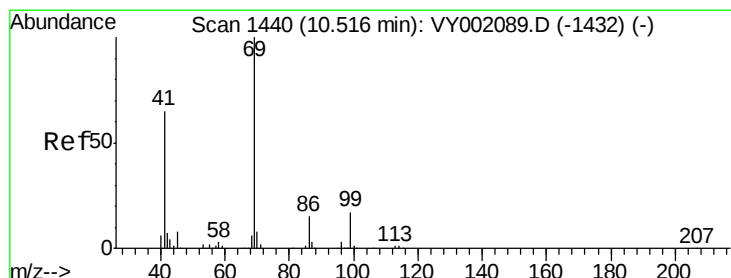
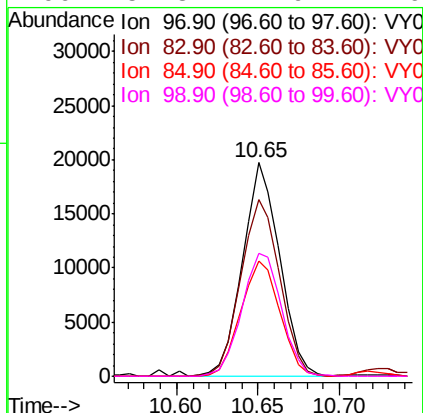
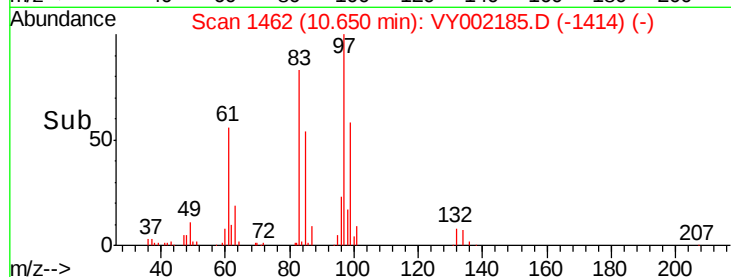
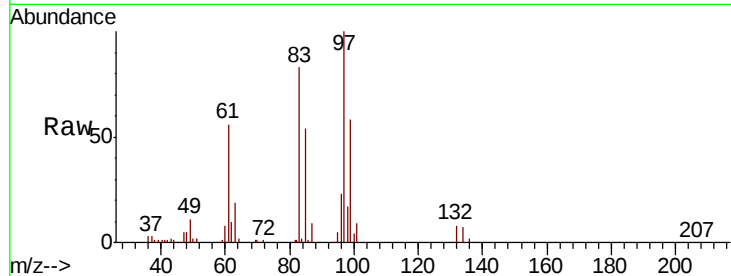




#55
 1,1,2-Trichloroethane
 Concen: 21.205 ug/l
 RT: 10.65 min Scan# 1462
 Delta R.T. -0.01 min
 Lab File: VY002185.D
 Acq: 02 Apr 2020 12:40

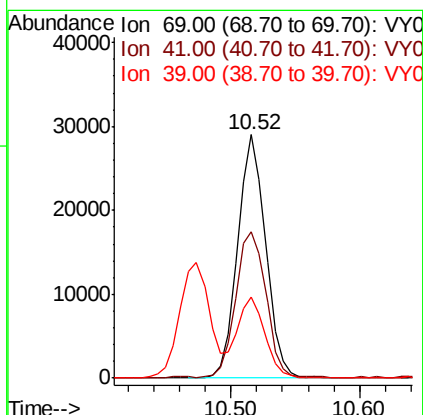
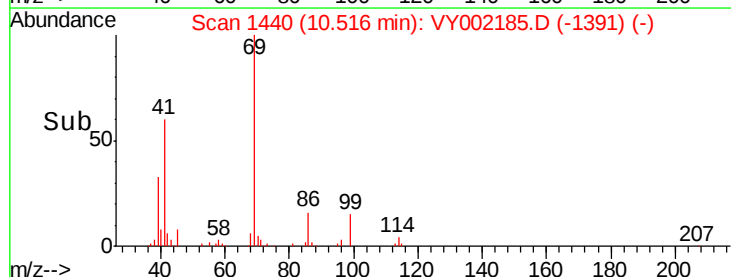
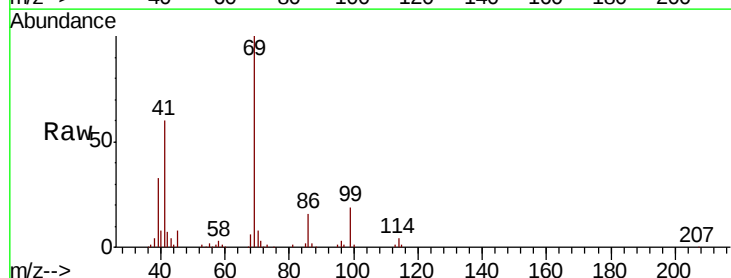
Instrument :
 MSVOA_Y
 ClientSampled :

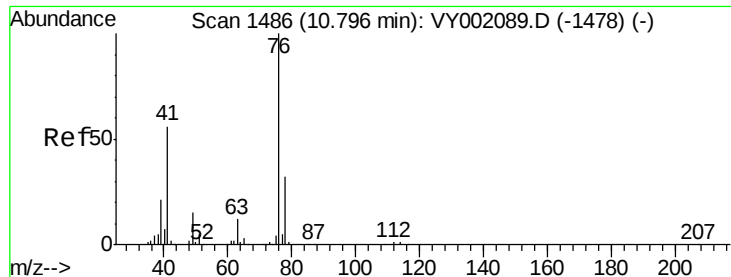
Tot Ion:	97	Resp:	31390
Ion	Ratio	Lower	Upper
97	100		
83	82.5	68.2	102.2
85	54.1	42.9	64.3
99	57.8	47.9	71.9



#56
 Ethyl methacrylate
 Concen: 20.224 ug/l
 RT: 10.52 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: VY002185.D
 Acq: 02 Apr 2020 12:40

Tgt Ion:	69	Resp:	43725
Ion	Ratio	Lower	Upper
69	100		
41	65.6	52.8	79.2
39	34.7	25.0	37.6

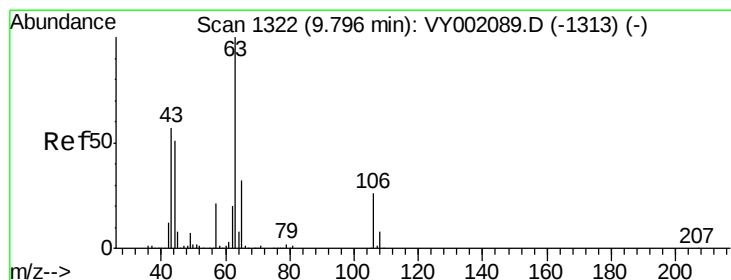
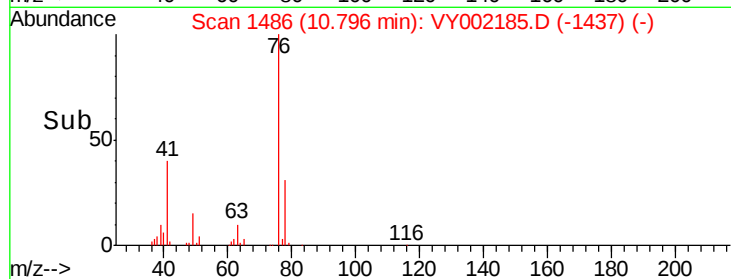
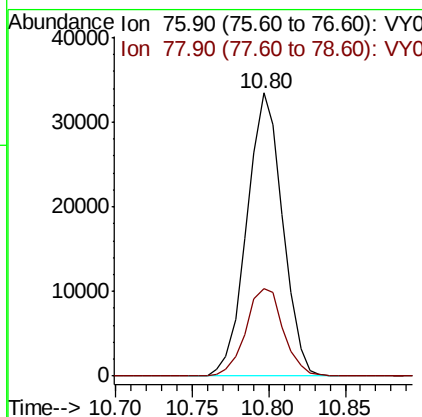
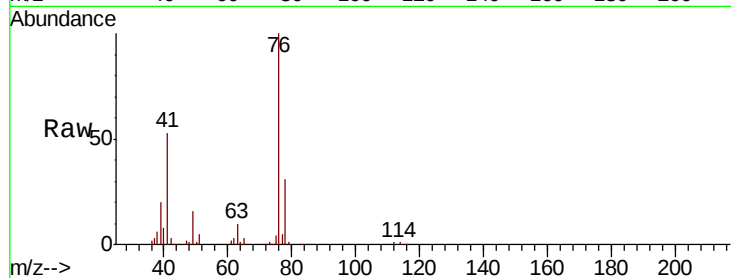




#57
 1,3-Dichloropropane
 Concen: 20.808 ug/l
 RT: 10.80 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: VY002185.D
 Acq: 02 Apr 2020 12:40

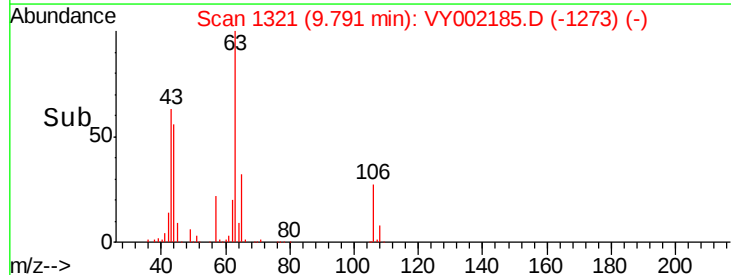
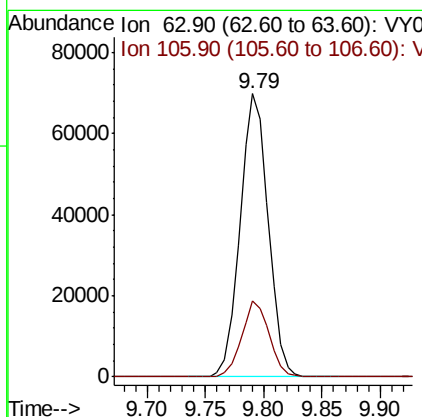
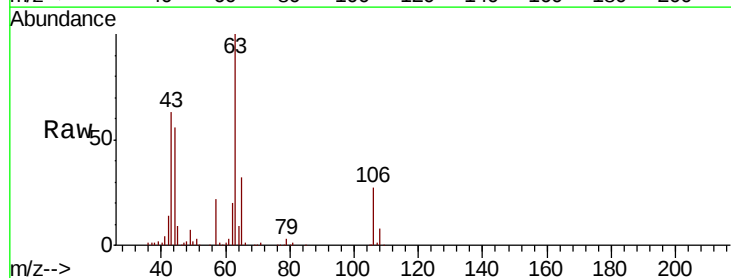
Instrument :
 MSVOA_Y
 ClientSampleId :

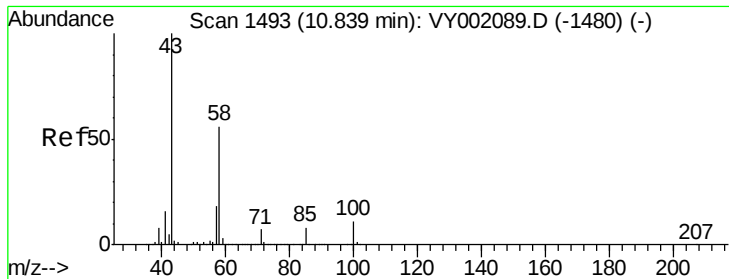
Tot Ion: 76 Resp: 54420
 Ion Ratio Lower Upper
 76 100
 78 32.3 26.1 39.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 105.561 ug/l
 RT: 9.79 min Scan# 1321
 Delta R.T. -0.01 min
 Lab File: VY002185.D
 Acq: 02 Apr 2020 12:40

Tgt Ion: 63 Resp: 117275
 Ion Ratio Lower Upper
 63 100
 106 26.1 21.0 31.4

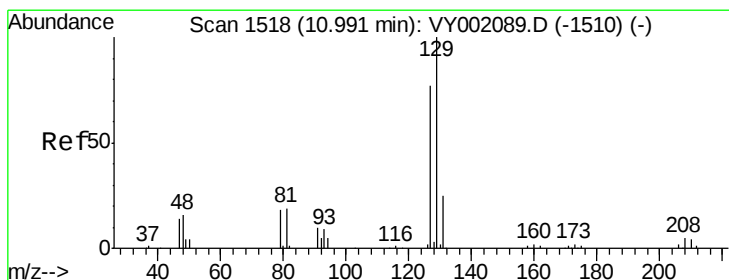
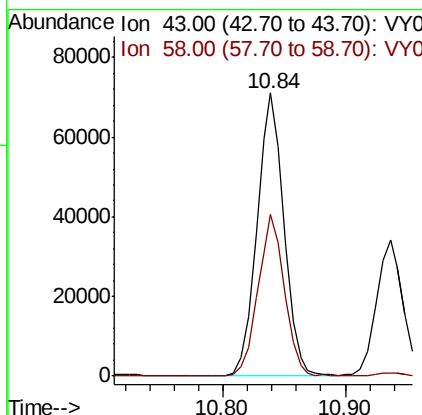
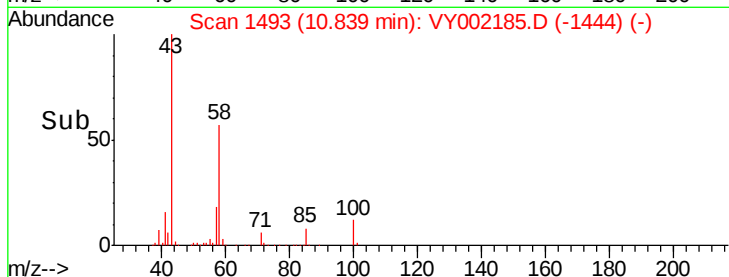
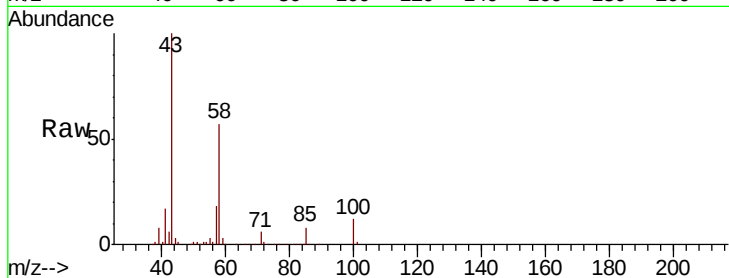




#59
2-Hexanone
Concen: 103.865 ug/l
RT: 10.84 min Scan# 1493
Delta R.T. 0.00 min
Lab File: VY002185.D
Acq: 02 Apr 2020 12:40

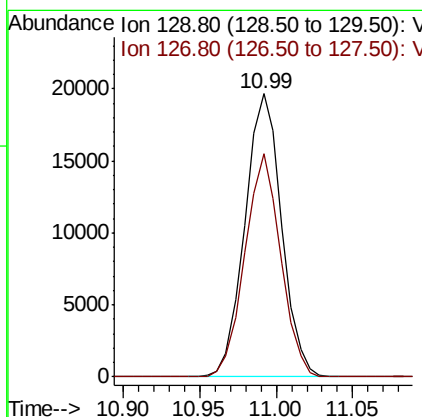
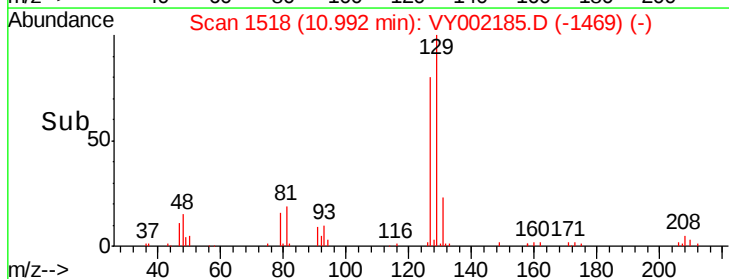
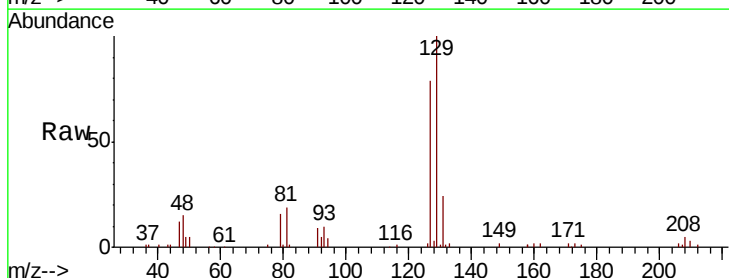
Instrument :
MSVOA_Y
ClientSampleId :

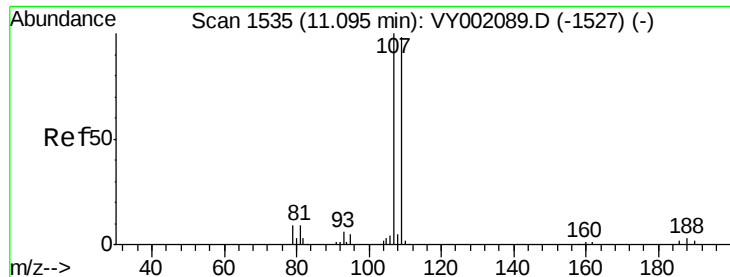
Tot Ion: 43 Resp: 109111
Ion Ratio Lower Upper
43 100
58 56.1 27.9 83.6



#60
Dibromochloromethane
Concen: 21.169 ug/l
RT: 10.99 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VY002185.D
Acq: 02 Apr 2020 12:40

Tgt Ion: 129 Resp: 32791
Ion Ratio Lower Upper
129 100
127 76.8 38.7 116.1

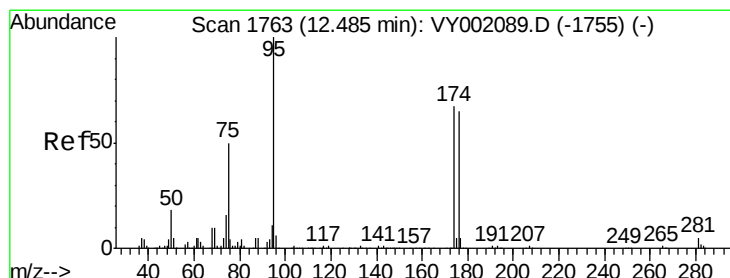
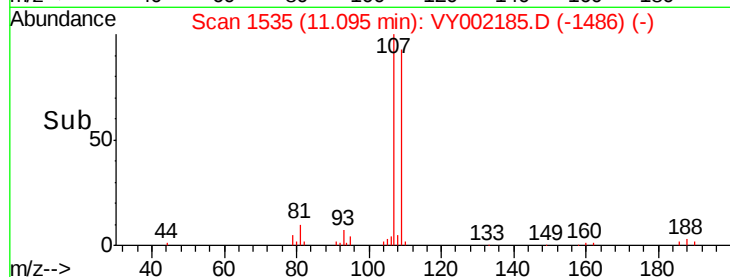
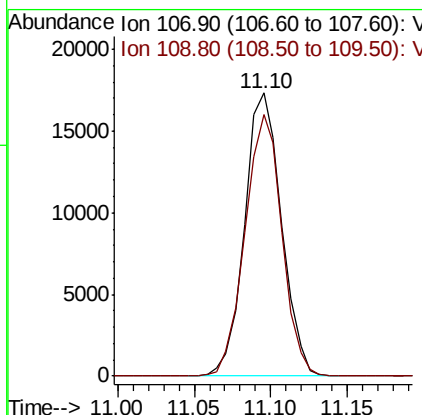
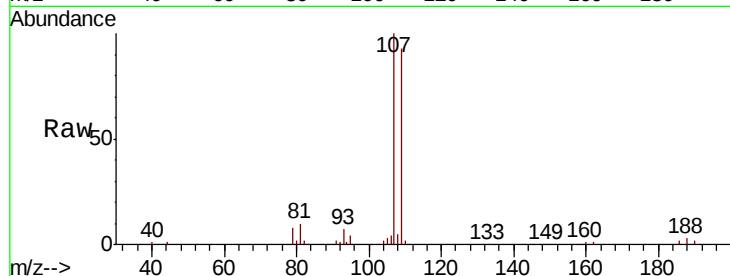




#61
 1,2-Dibromoethane
 Concen: 20.970 ug/l
 RT: 11.10 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VY002185.D
 Acq: 02 Apr 2020 12:40

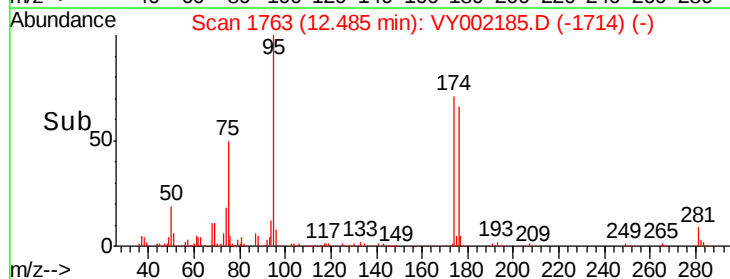
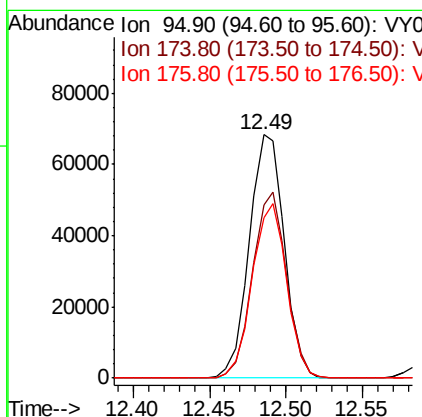
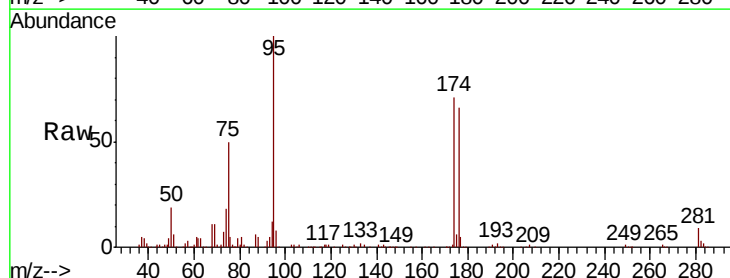
Instrument :
 MSVOA_Y
 ClientSampleId :

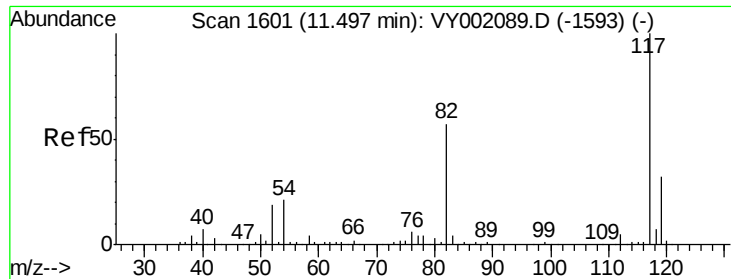
Tot Ion: 107 Resp: 29055
 Ion Ratio Lower Upper
 107 100
 109 92.4 76.3 114.5



#62
 4-Bromofluorobenzene
 Concen: 48.913 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. 0.00 min
 Lab File: VY002185.D
 Acq: 02 Apr 2020 12:40

Tgt Ion: 95 Resp: 108704
 Ion Ratio Lower Upper
 95 100
 174 74.2 0.0 143.4
 176 70.8 0.0 137.0

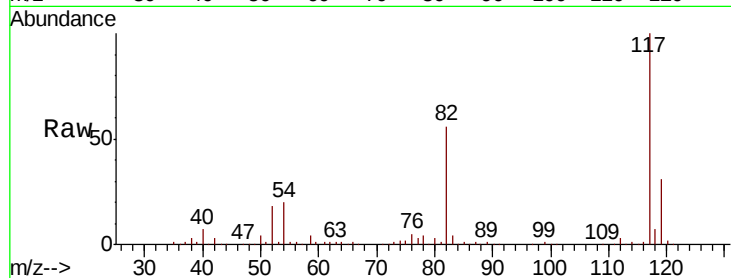




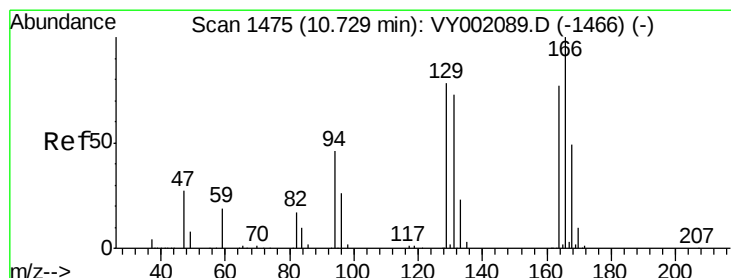
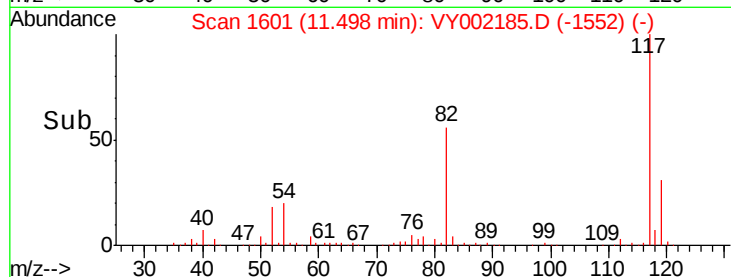
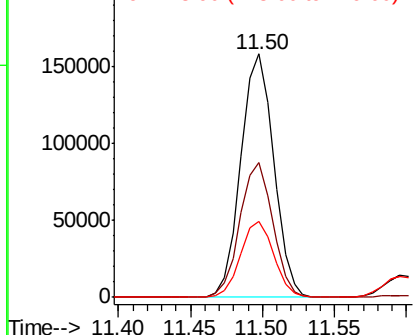
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VY002185.D
Acq: 02 Apr 2020 12:40

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:117 Resp: 250513
Ion Ratio Lower Upper
117 100
82 55.6 45.4 68.2
119 31.4 25.3 37.9

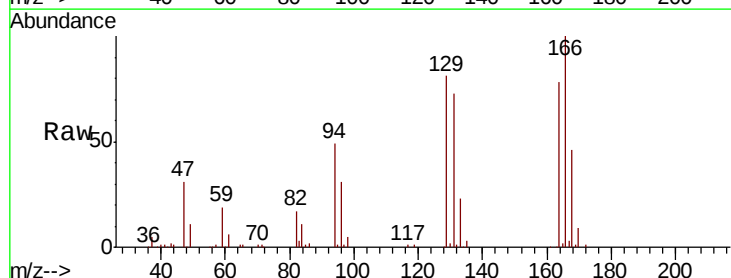


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

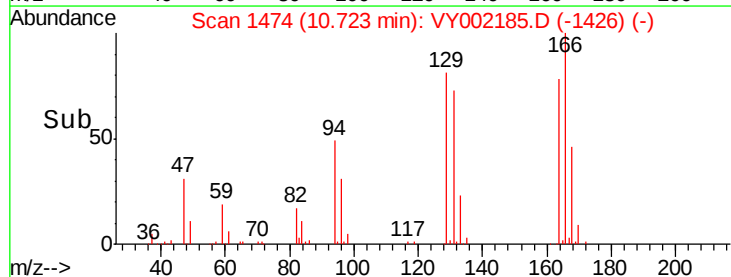
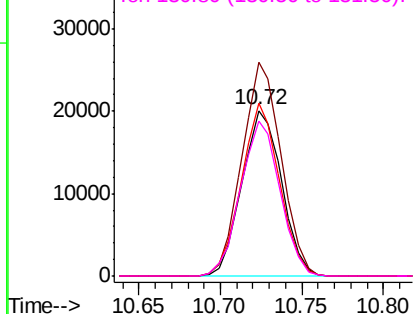


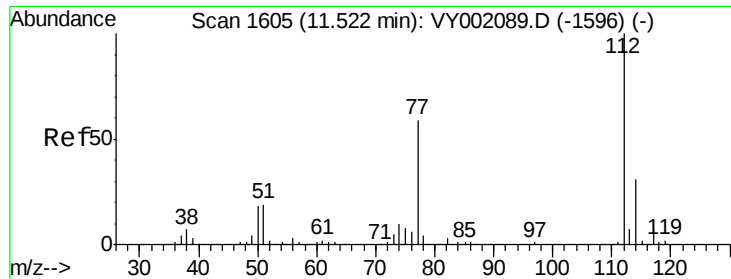
#64
Tetrachloroethene
Concen: 22.177 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. -0.01 min
Lab File: VY002185.D
Acq: 02 Apr 2020 12:40

Tgt Ion:164 Resp: 33991
Ion Ratio Lower Upper
164 100
166 128.9 104.0 156.0
129 104.0 81.2 121.8
131 93.5 75.8 113.6



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

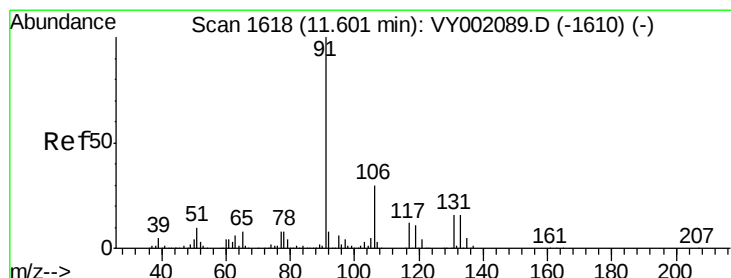
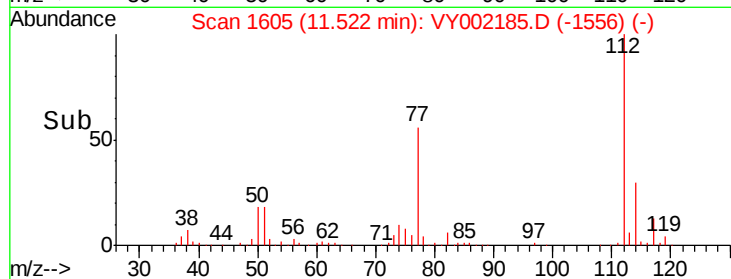
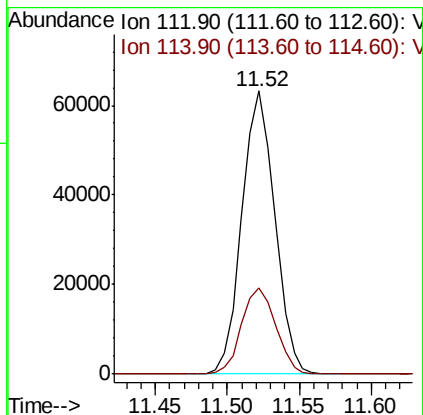
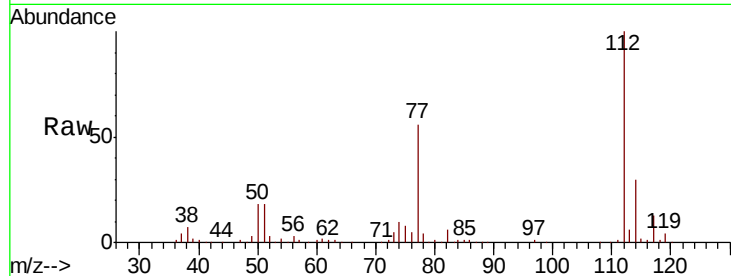




#65
Chlorobenzene
Concen: 20.703 ug/l
RT: 11.52 min Scan# 1605
Delta R.T. 0.00 min
Lab File: VY002185.D
Acq: 02 Apr 2020 12:40

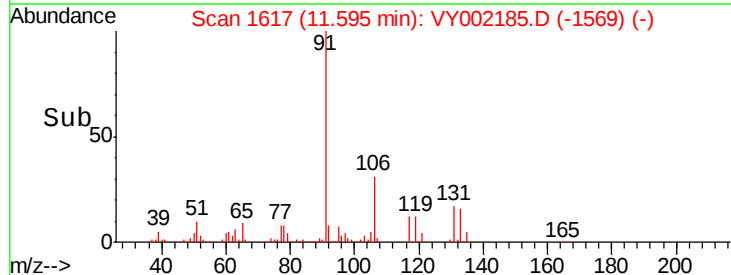
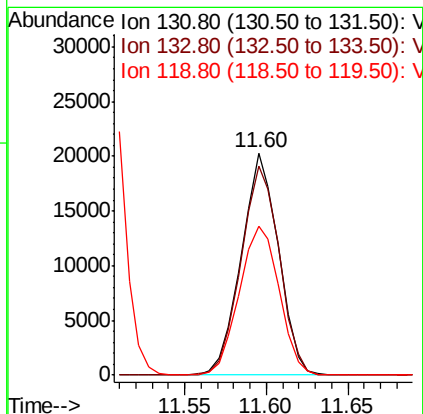
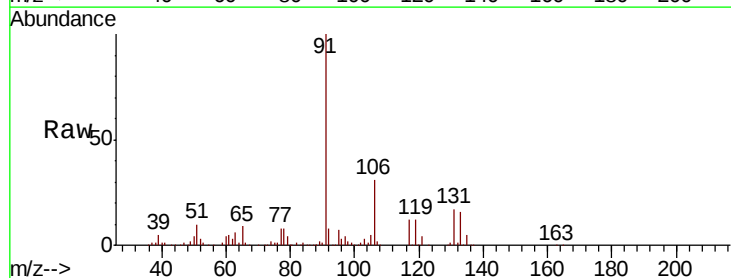
Instrument :
MSVOA_Y
ClientSampleId :

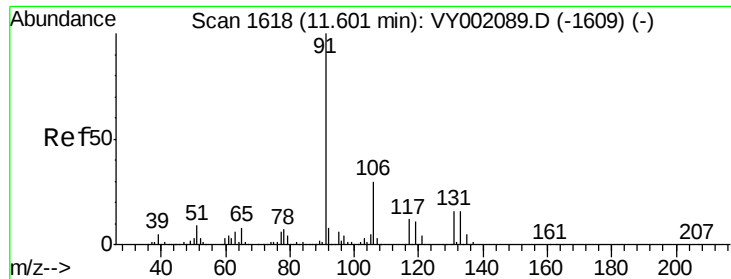
Tot Ion:112 Resp: 100113
Ion Ratio Lower Upper
112 100
114 30.5 24.9 37.3



#66
1,1,1,2-Tetrachloroethane
Concen: 19.952 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. -0.01 min
Lab File: VY002185.D
Acq: 02 Apr 2020 12:40

Tgt Ion:131 Resp: 32278
Ion Ratio Lower Upper
131 100
133 97.0 47.5 142.5
119 72.2 34.6 103.9





#67

Ethyl Benzene

Concen: 20.763 ug/l

RT: 11.60 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VY002185.D

Acq: 02 Apr 2020 12:40

Instrument :

MSVOA_Y

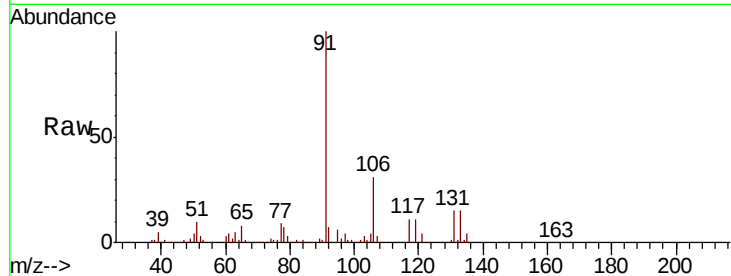
ClientSampleId :

Tot Ion: 91 Resp: 186481

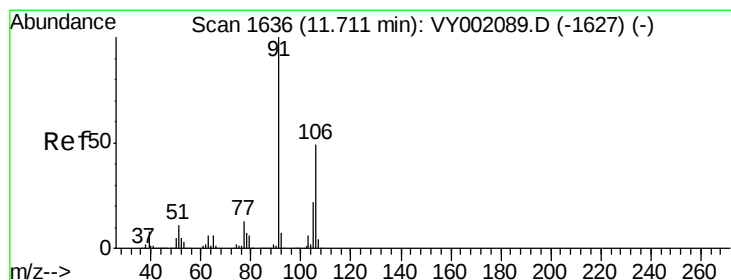
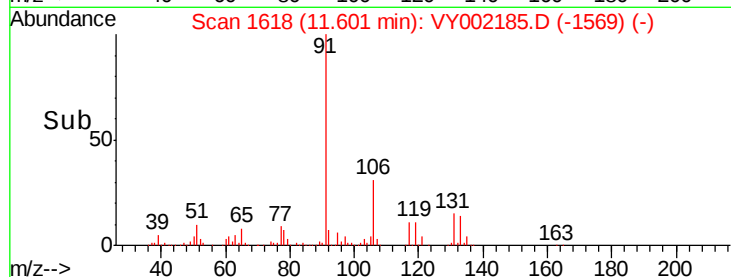
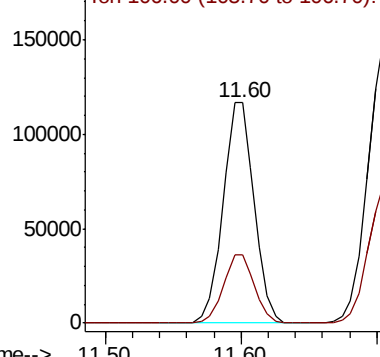
Ion Ratio Lower Upper

91 100

106 31.3 24.1 36.1



Abundance Ion 91.00 (90.70 to 91.70): VY002185.D (-1569) (-)



#68

m/p-Xylenes

Concen: 41.538 ug/l

RT: 11.71 min Scan# 1636

Delta R.T. 0.00 min

Lab File: VY002185.D

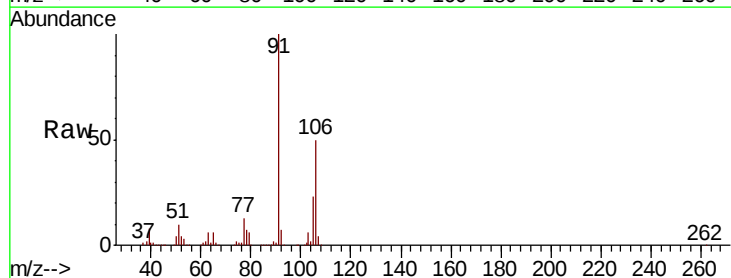
Acq: 02 Apr 2020 12:40

Tgt Ion: 106 Resp: 137933

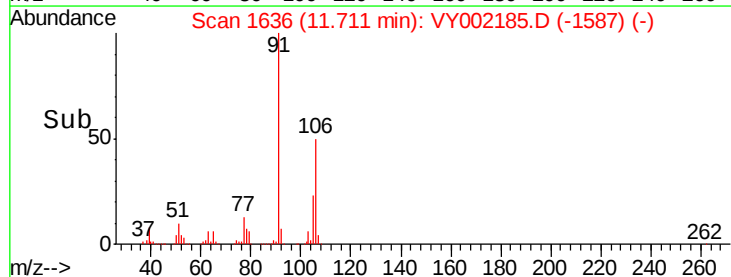
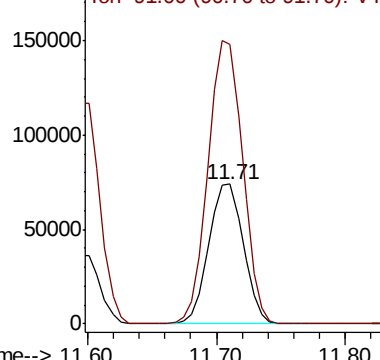
Ion Ratio Lower Upper

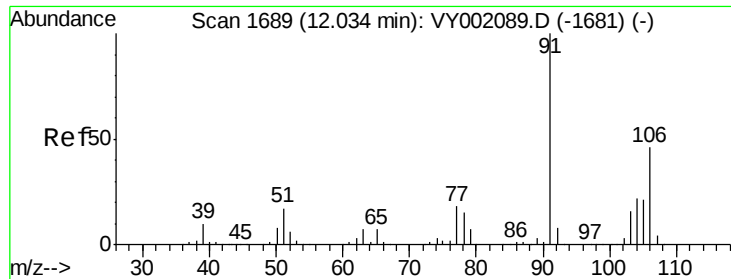
106 100

91 202.5 162.8 244.2



Abundance Ion 106.00 (105.70 to 106.70): VY002185.D (-1587) (-)

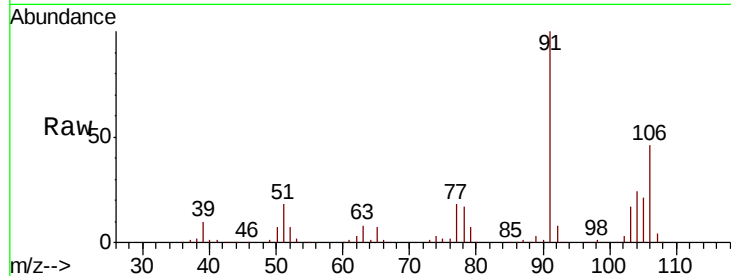




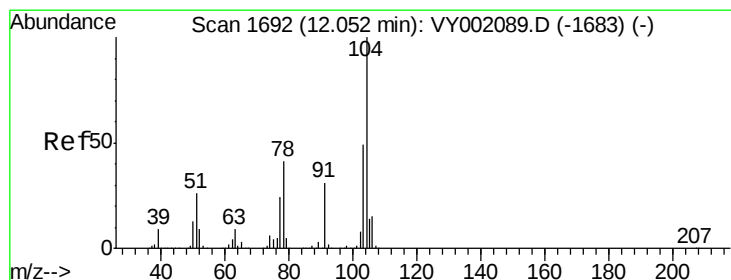
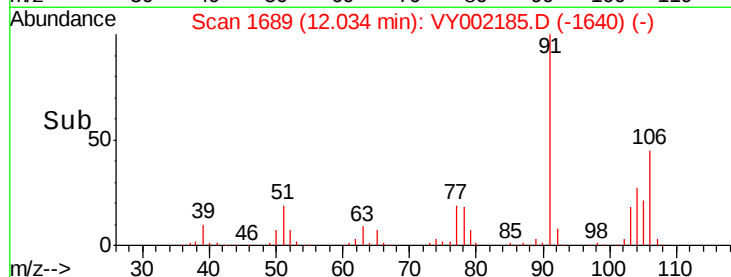
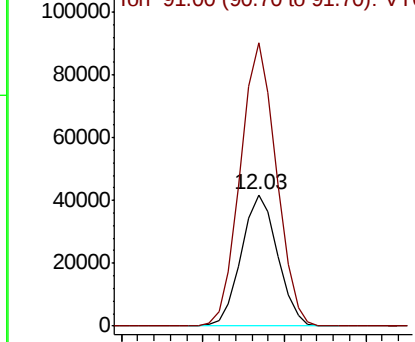
#69
o-Xylene
Concen: 20.587 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VY002185.D
Acq: 02 Apr 2020 12:40

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:106 Resp: 64849
Ion Ratio Lower Upper
106 100
91 214.5 107.3 321.8

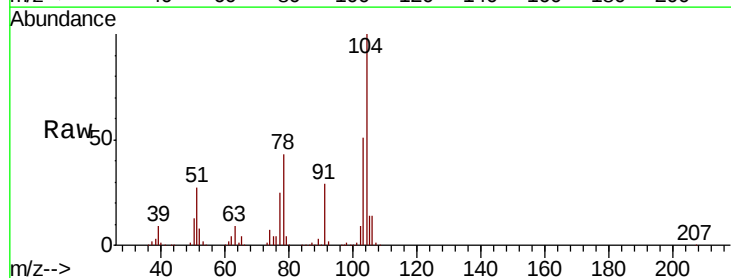


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VY0

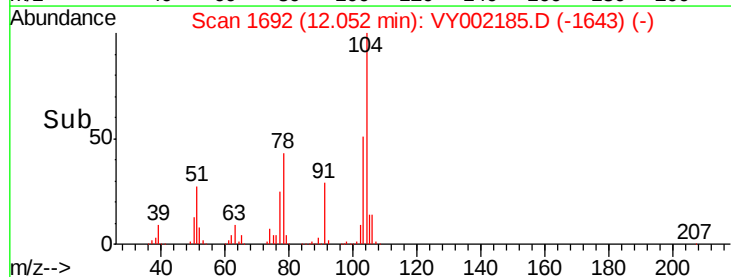
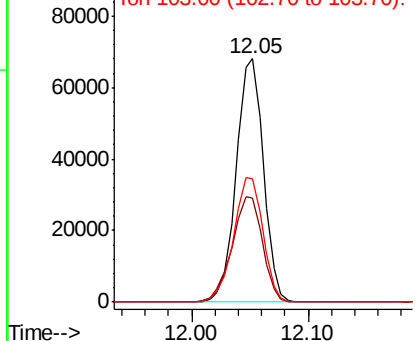


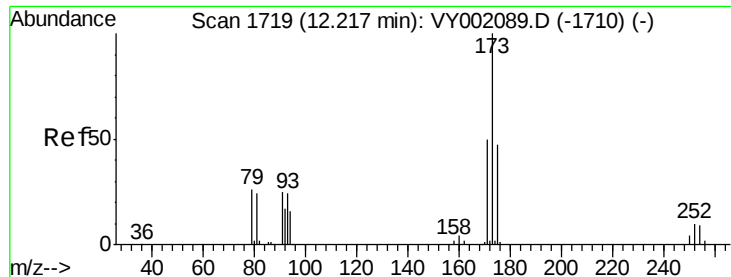
#70
Styrene
Concen: 20.317 ug/l
RT: 12.05 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VY002185.D
Acq: 02 Apr 2020 12:40

Tgt Ion:104 Resp: 110899
Ion Ratio Lower Upper
104 100
78 48.6 37.9 56.9
103 55.1 43.2 64.8



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VY0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 20.339 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. -0.01 min

Lab File: VY002185.D

Acq: 02 Apr 2020 12:40

Instrument :

MSVOA_Y

ClientSampled :

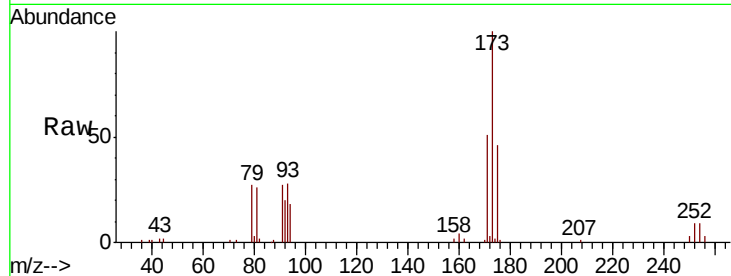
Tot Ion:173 Resp: 18022

Ion Ratio Lower Upper

173 100

175 49.3 23.9 71.8

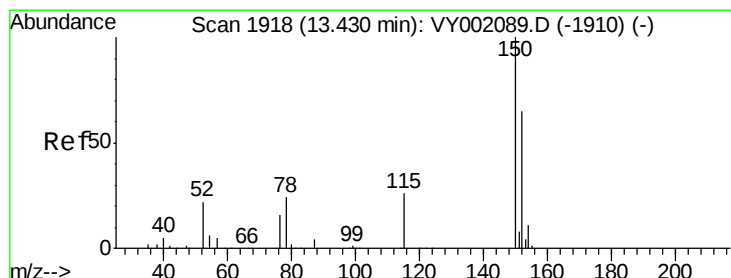
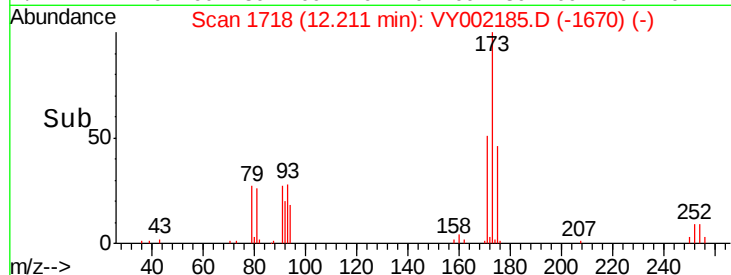
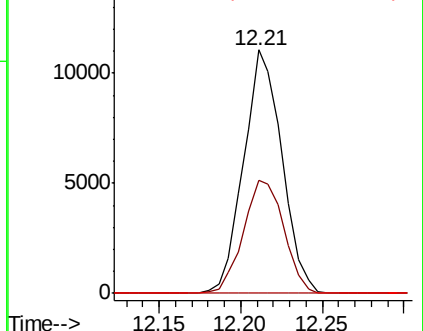
254 0.0 0.0 0.0



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: VY002185.D

Acq: 02 Apr 2020 12:40

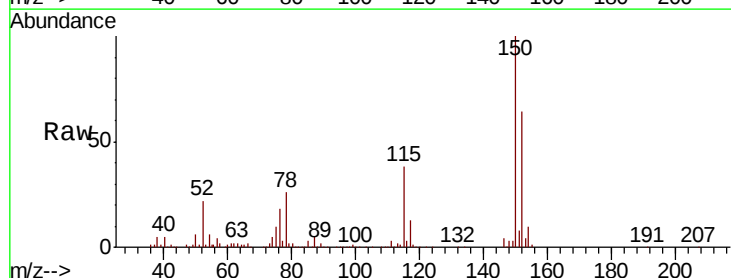
Tgt Ion:152 Resp: 116553

Ion Ratio Lower Upper

152 100

115 60.7 31.2 93.6

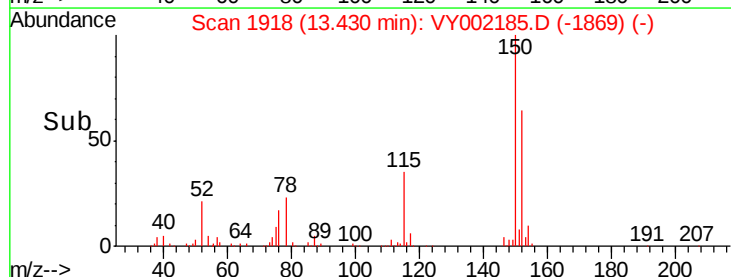
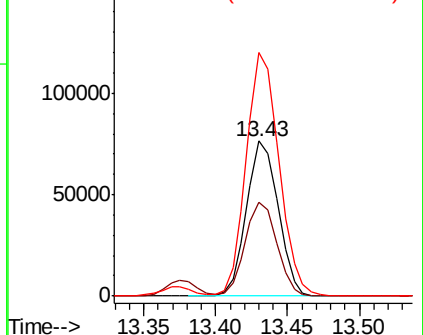
150 162.7 0.0 354.8

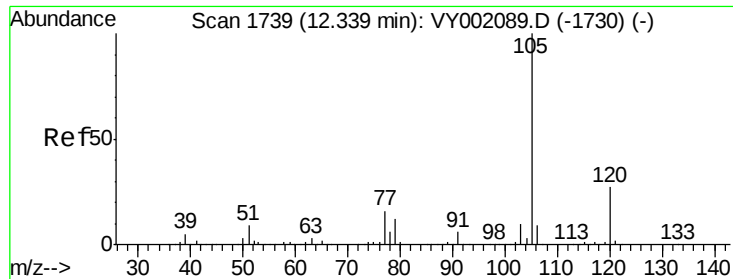


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.372 ug/l

RT: 12.33 min Scan# 1738

Delta R.T. -0.01 min

Lab File: VY002185.D

Acq: 02 Apr 2020 12:40

Instrument :

MSVOA_Y

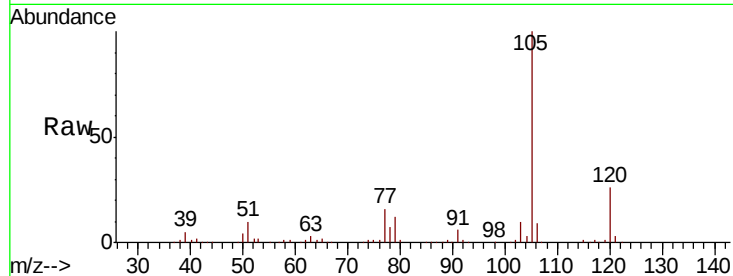
ClientSampleId :

Tot Ion:105 Resp: 176132

Ion Ratio Lower Upper

105 100

120 26.7 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.33

120000

100000

80000

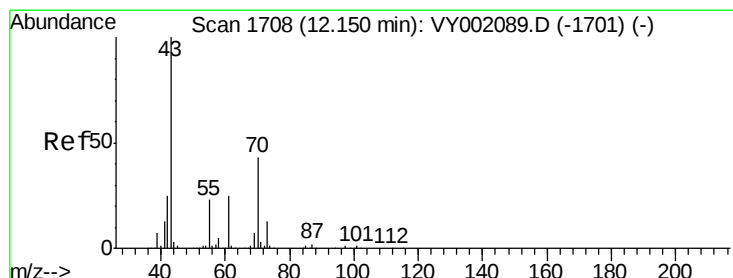
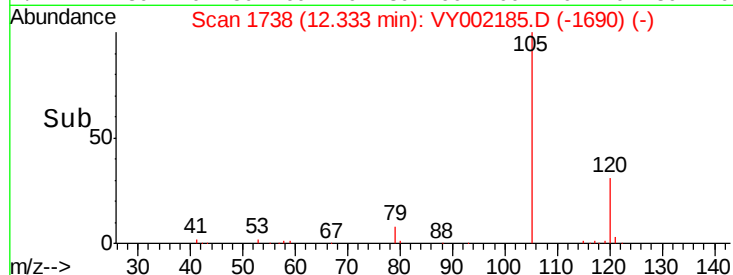
60000

40000

20000

0

Time-->



#74

N-ethyl acetate

Concen: 19.936 ug/l

RT: 12.15 min Scan# 1708

Delta R.T. 0.00 min

Lab File: VY002185.D

Acq: 02 Apr 2020 12:40

Tgt Ion: 43 Resp: 54363

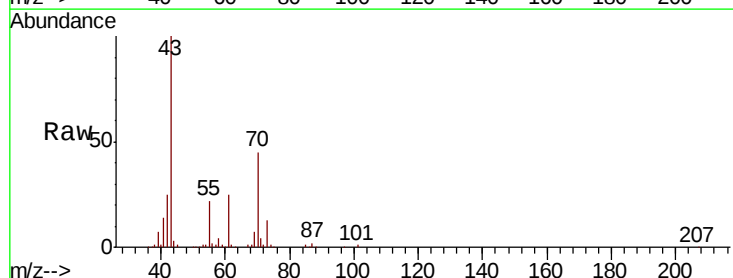
Ion Ratio Lower Upper

43 100

70 43.4 35.0 52.4

55 22.7 18.7 28.1

61 25.3 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

12.15

60000

50000

40000

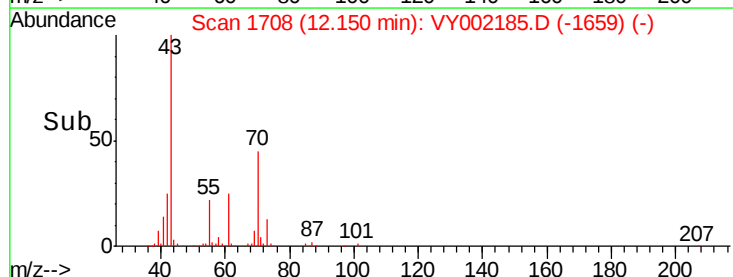
30000

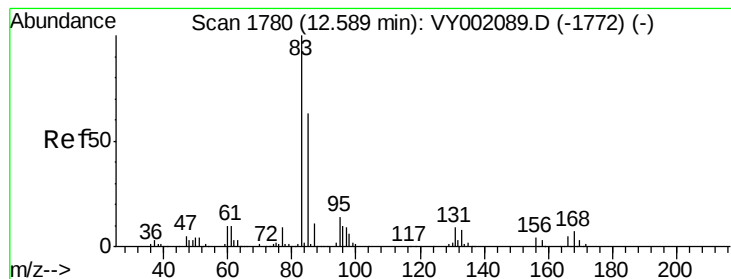
20000

10000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 20.439 ug/l

RT: 12.59 min Scan# 1780

Delta R.T. 0.00 min

Lab File: VY002185.D

Acq: 02 Apr 2020 12:40

Instrument :

MSVOA_Y

ClientSampleId :

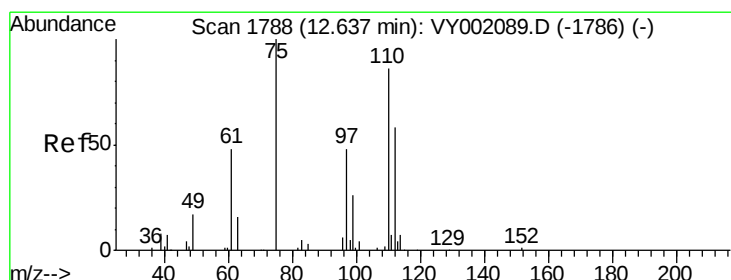
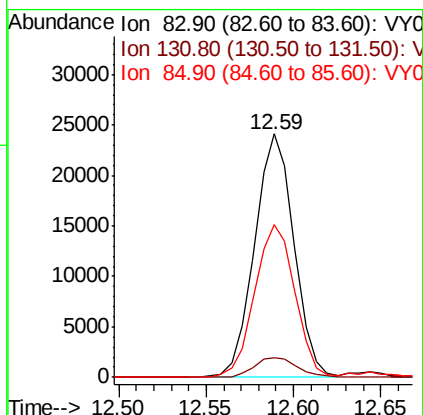
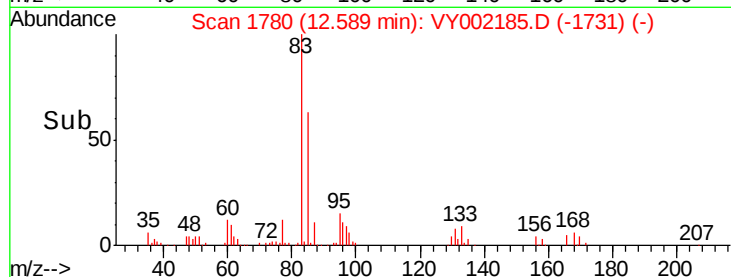
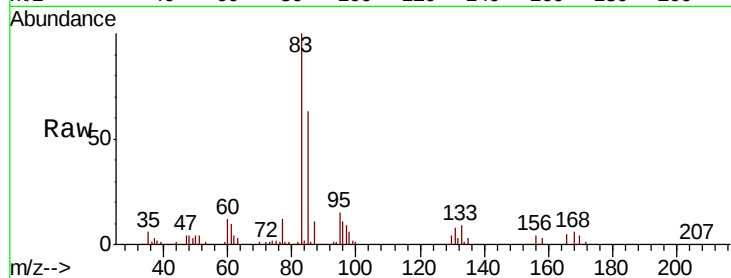
Tot Ion: 83 Resp: 38027

Ion Ratio Lower Upper

83 100

131 9.0 4.7 14.1

85 63.8 32.4 97.0



#76

1,2,3-Trichloropropane

Concen: 37.437 ug/l

RT: 12.64 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VY002185.D

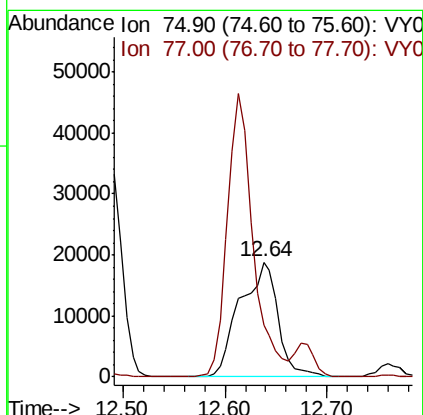
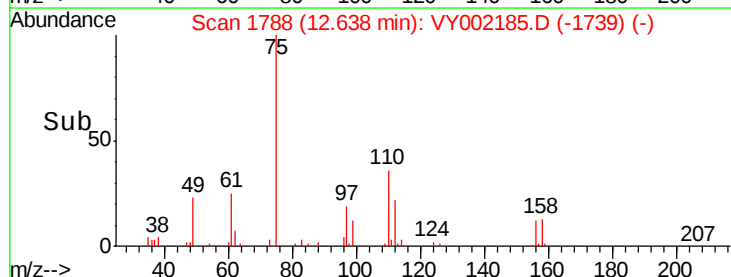
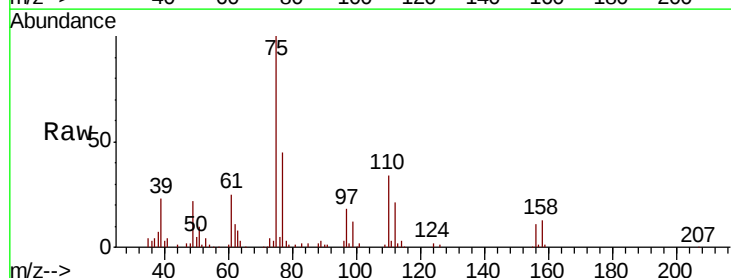
Acq: 02 Apr 2020 12:40

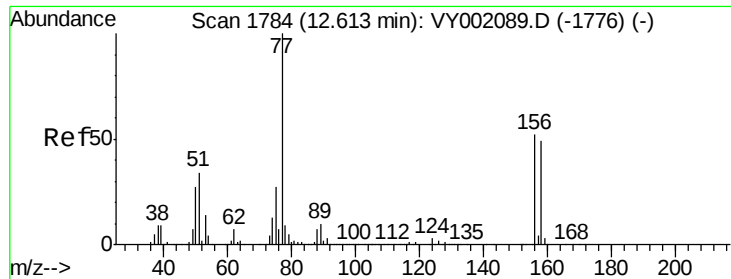
Tgt Ion: 75 Resp: 48808

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

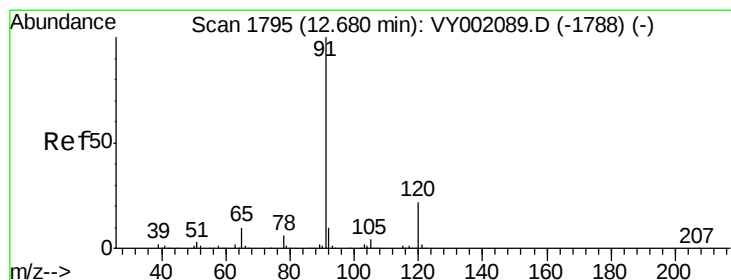
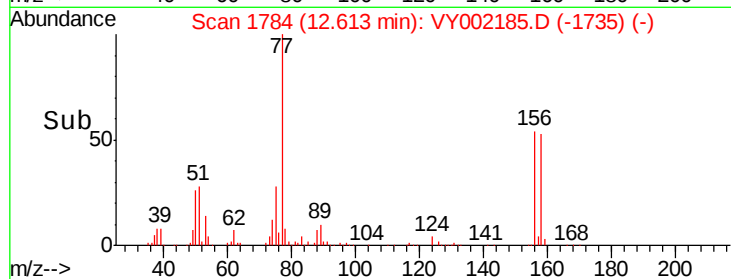
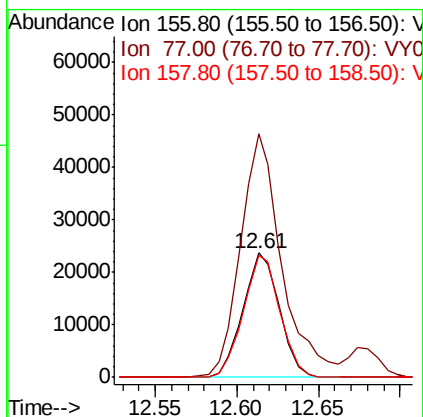
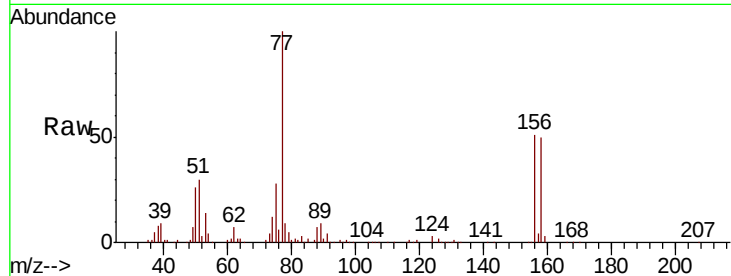




#77
Bromobenzene
Concen: 20.029 ug/l
RT: 12.61 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VY002185.D
Acq: 02 Apr 2020 12:40

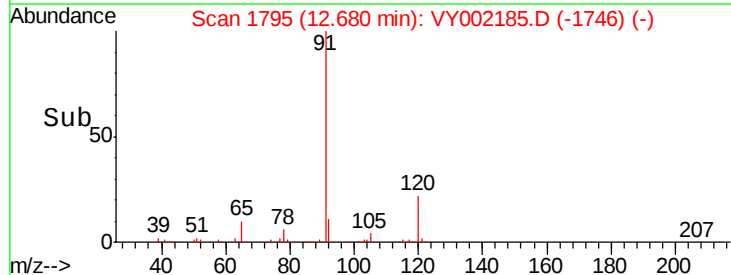
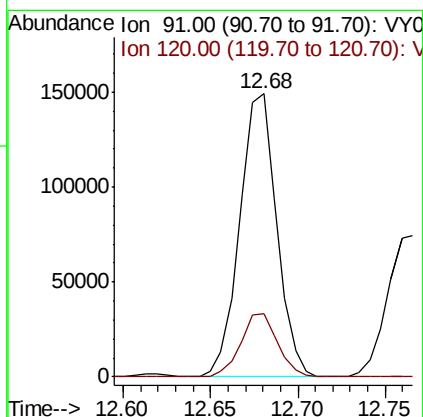
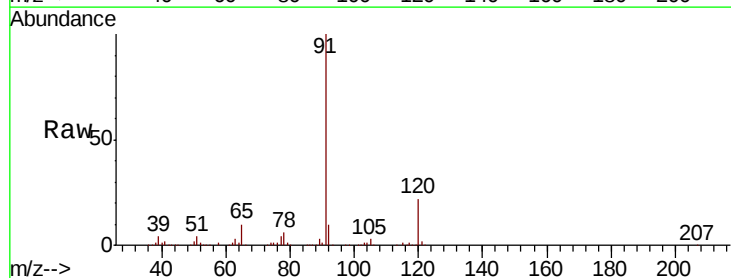
Instrument :
MSVOA_Y
ClientSampleId :

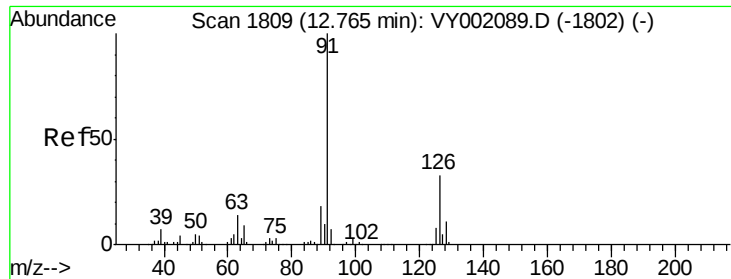
Tot Ion:156 Resp: 36966
Ion Ratio Lower Upper
156 100
77 221.1 107.8 323.6
158 98.4 47.5 142.6



#78
n-propylbenzene
Concen: 20.432 ug/l
RT: 12.68 min Scan# 1795
Delta R.T. 0.00 min
Lab File: VY002185.D
Acq: 02 Apr 2020 12:40

Tgt Ion: 91 Resp: 219220
Ion Ratio Lower Upper
91 100
120 22.3 11.1 33.1





#79

2-Chlorotoluene

Concen: 20.372 ug/l

RT: 12.77 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VY002185.D

Acq: 02 Apr 2020 12:40

Instrument :

MSVOA_Y

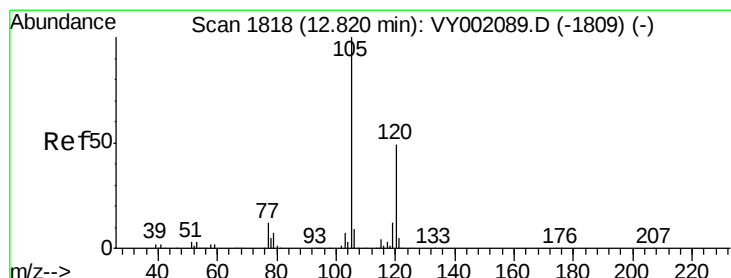
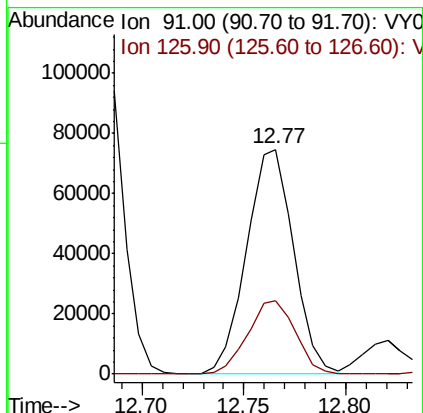
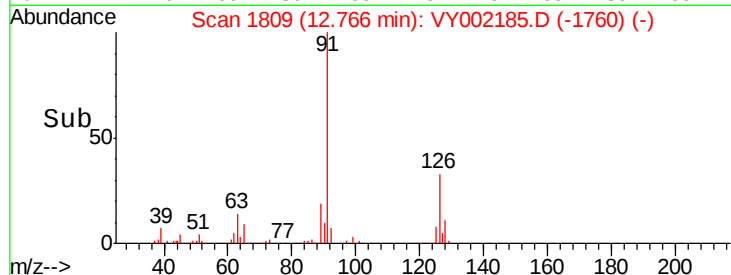
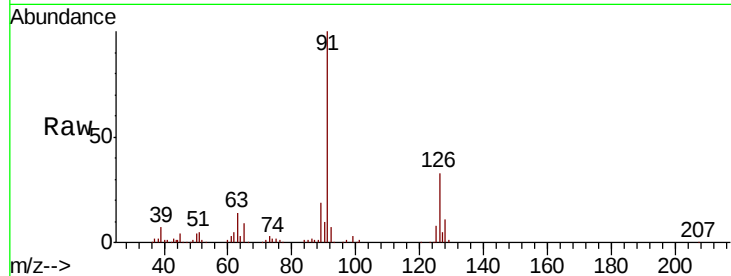
ClientSampleId :

Tot Ion: 91 Resp: 120014

Ion Ratio Lower Upper

91 100

126 33.1 16.4 49.1



#80

1,3,5-Trimethylbenzene

Concen: 20.607 ug/l

RT: 12.82 min Scan# 1818

Delta R.T. 0.00 min

Lab File: VY002185.D

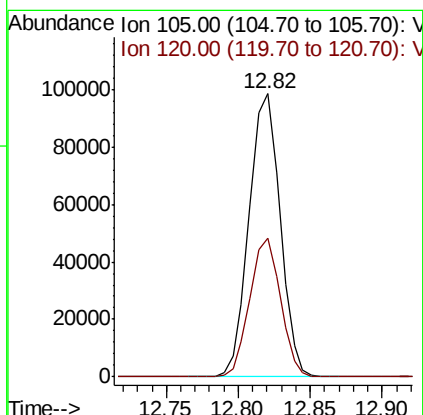
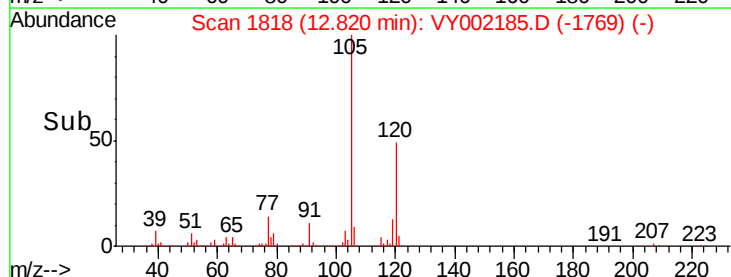
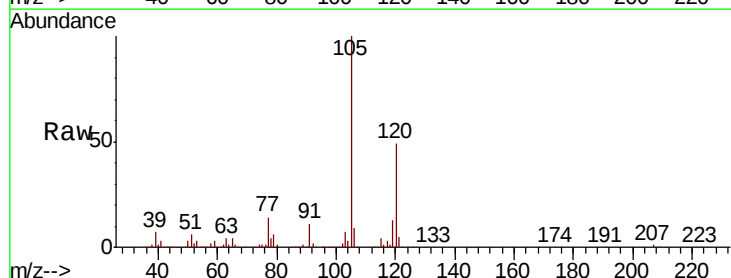
Acq: 02 Apr 2020 12:40

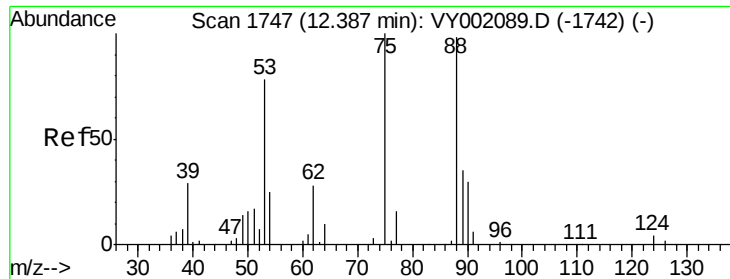
Tgt Ion:105 Resp: 146993

Ion Ratio Lower Upper

105 100

120 48.6 24.1 72.4

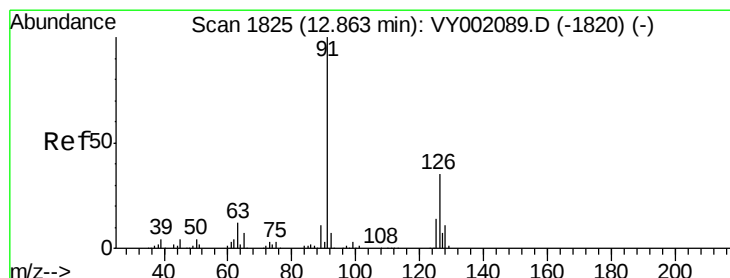
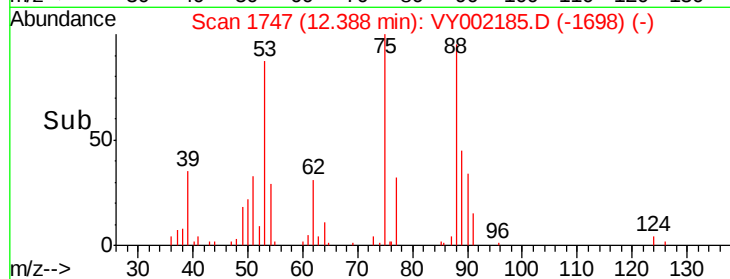
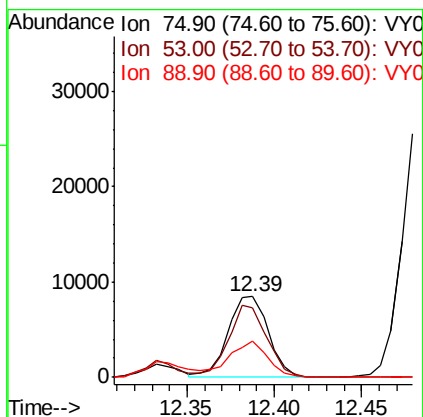
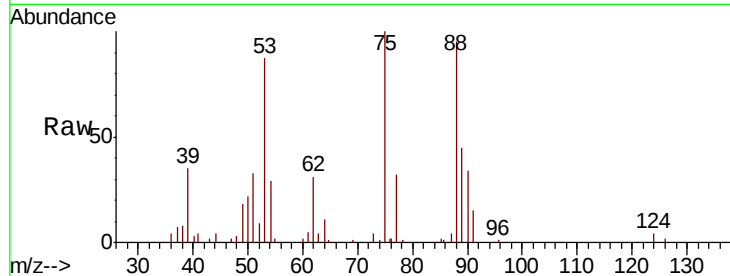




#81
trans-1,4-Dichloro-2-butene
Concen: 20.159 ug/l
RT: 12.39 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VY002185.D
Acq: 02 Apr 2020 12:40

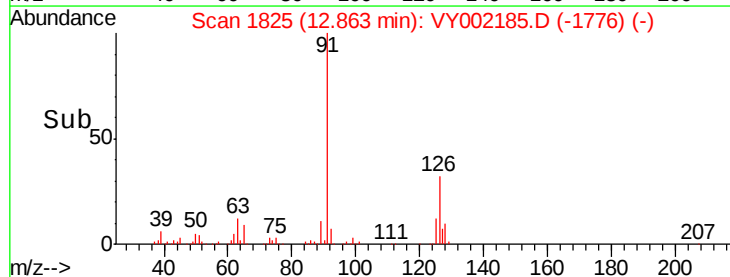
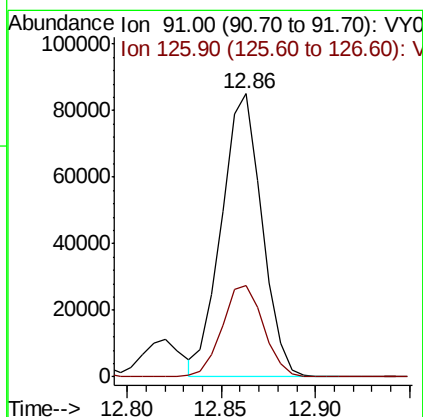
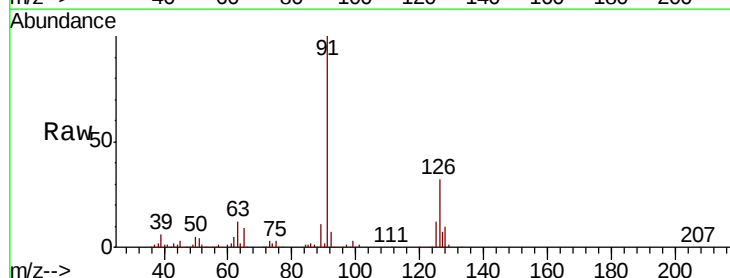
Instrument :
MSVOA_Y
ClientSampleId :

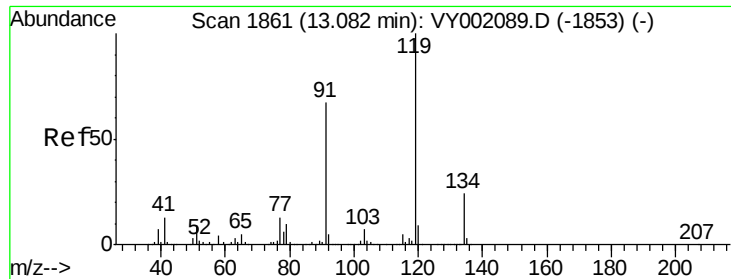
Tot Ion	Ratio	Lower	Upper
75	100		
53	84.0	65.0	97.4
89	43.2	33.4	50.0



#82
4-Chlorotoluene
Concen: 20.458 ug/l
RT: 12.86 min Scan# 1825
Delta R.T. 0.00 min
Lab File: VY002185.D
Acq: 02 Apr 2020 12:40

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.3	16.3	48.9

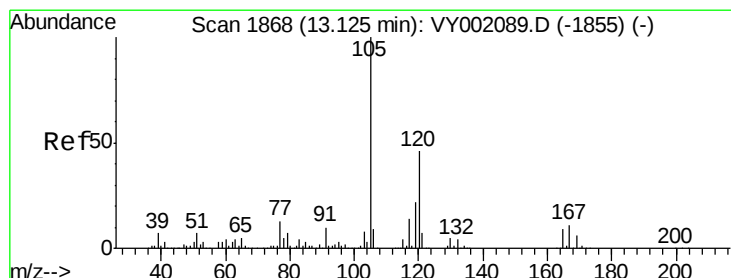
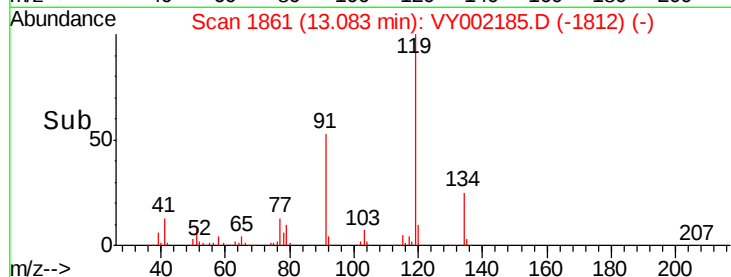
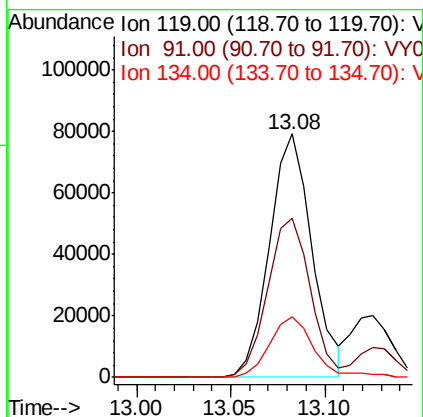
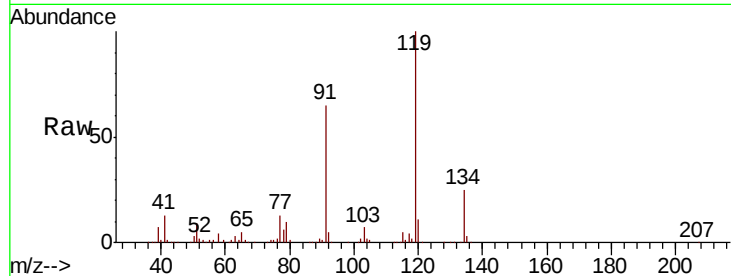




#83
tert-Butylbenzene
Concen: 20.757 ug/l
RT: 13.08 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VY002185.D
Acq: 02 Apr 2020 12:40

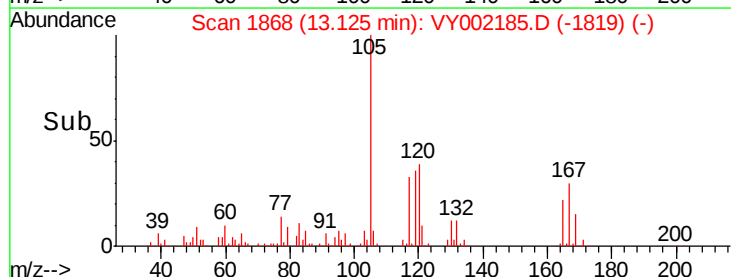
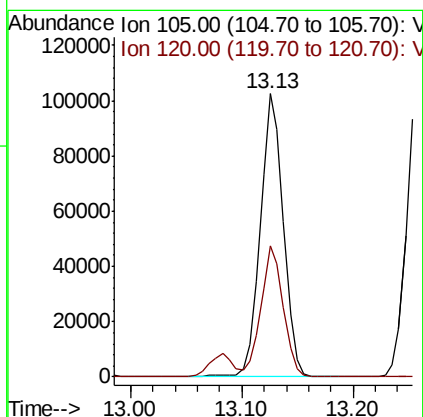
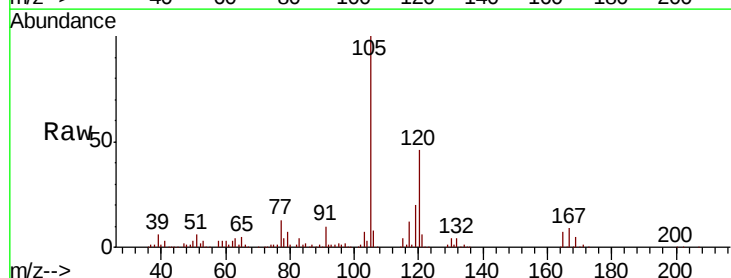
Instrument :
MSVOA_Y
ClientSampled :

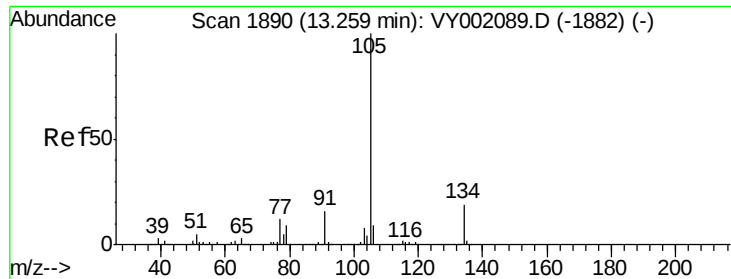
Tot Ion:119 Resp: 123589
Ion Ratio Lower Upper
119 100
91 65.6 32.9 98.6
134 26.2 13.0 38.9



#84
1,2,4-Trimethylbenzene
Concen: 20.762 ug/l
RT: 13.13 min Scan# 1868
Delta R.T. 0.00 min
Lab File: VY002185.D
Acq: 02 Apr 2020 12:40

Tgt Ion:105 Resp: 147761
Ion Ratio Lower Upper
105 100
120 44.6 22.9 68.5





#85

sec-Butylbenzene

Concen: 20.638 ug/l

RT: 13.26 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VY002185.D

Acq: 02 Apr 2020 12:40

Instrument :

MSVOA_Y

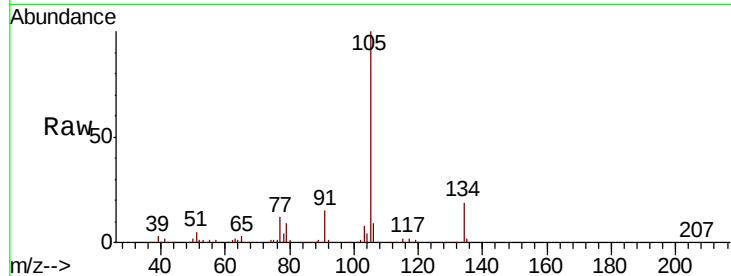
ClientSampled :

Tot Ion:105 Resp: 182006

Ion Ratio Lower Upper

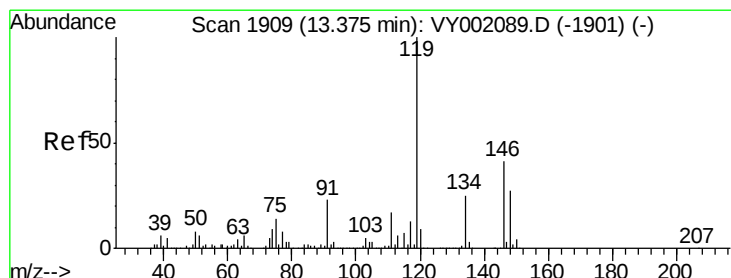
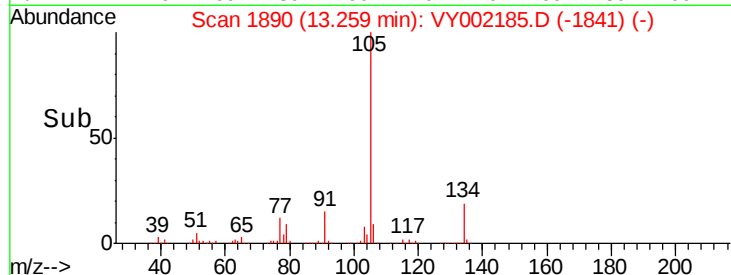
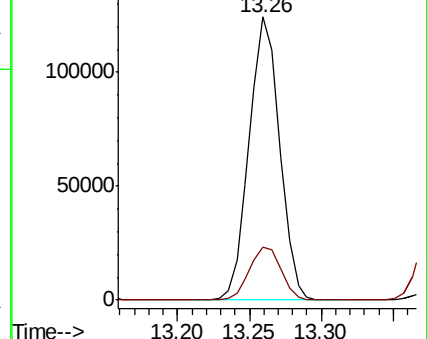
105 100

134 19.5 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: 20.883 ug/l

RT: 13.38 min Scan# 1909

Delta R.T. 0.00 min

Lab File: VY002185.D

Acq: 02 Apr 2020 12:40

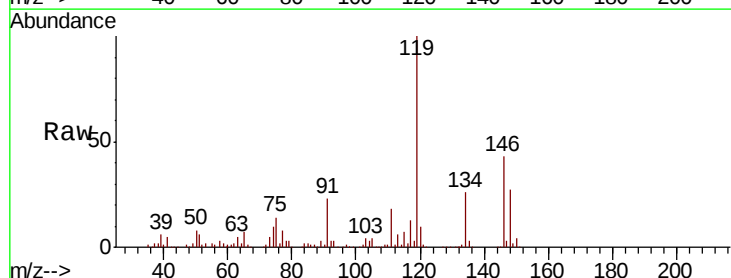
Tgt Ion:119 Resp: 158155

Ion Ratio Lower Upper

119 100

134 26.3 13.1 39.3

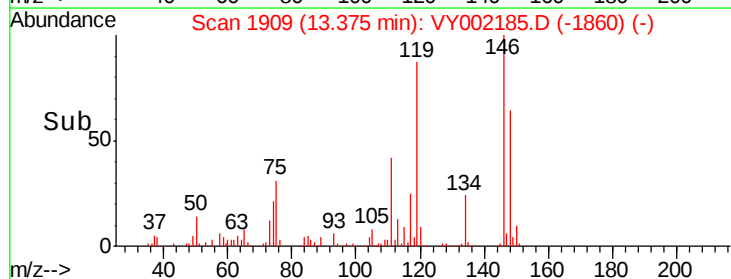
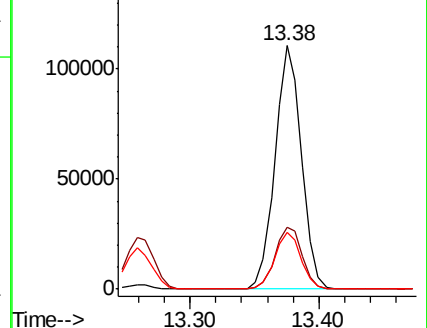
91 23.1 11.8 35.3

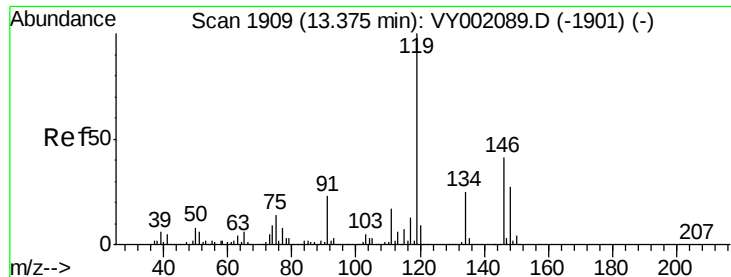


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

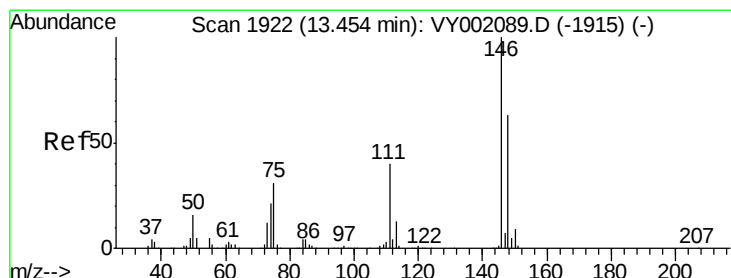
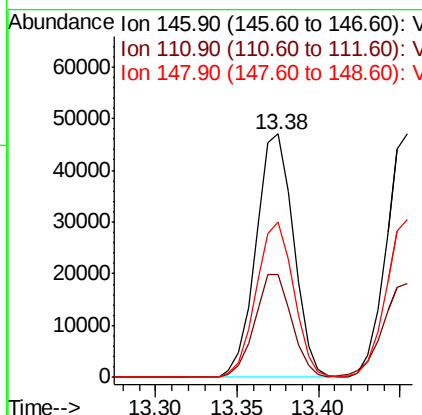
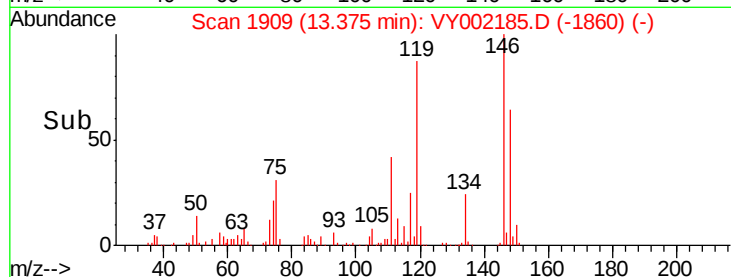
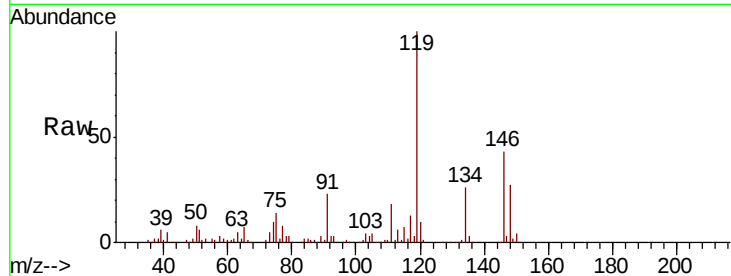




#87
 1,3-Dichlorobenzene
 Concen: 20.768 ug/l
 RT: 13.38 min Scan# 1909
 Delta R.T. 0.00 min
 Lab File: VY002185.D
 Acq: 02 Apr 2020 12:40

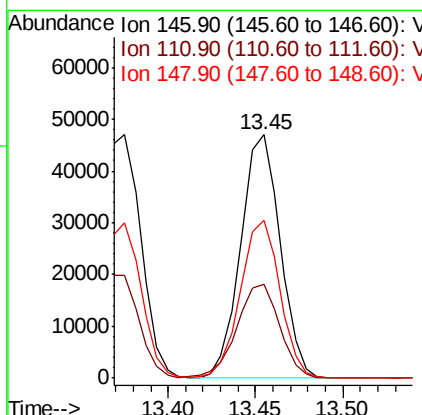
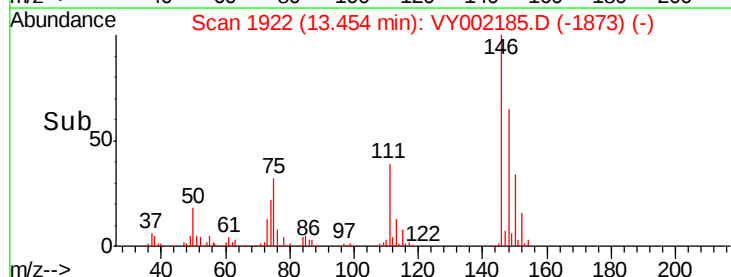
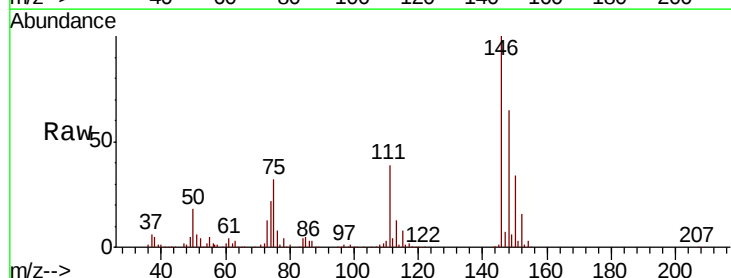
Instrument :
 MSVOA_Y
 ClientSampleId :

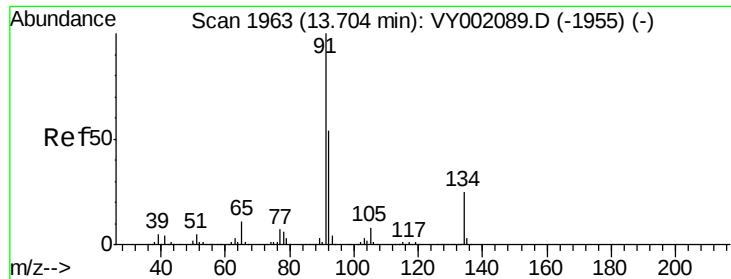
Tot Ion:146 Resp: 74986
 Ion Ratio Lower Upper
 146 100
 111 41.7 20.9 62.8
 148 63.7 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 20.343 ug/l
 RT: 13.45 min Scan# 1922
 Delta R.T. 0.00 min
 Lab File: VY002185.D
 Acq: 02 Apr 2020 12:40

Tgt Ion:146 Resp: 73914
 Ion Ratio Lower Upper
 146 100
 111 42.0 20.3 60.9
 148 65.3 31.5 94.5





#89

n-Butylbenzene

Concen: 20.736 ug/l

RT: 13.70 min Scan# 1963

Delta R.T. 0.00 min

Lab File: VY002185.D

Acq: 02 Apr 2020 12:40

Instrument :

MSVOA_Y

ClientSampleId :

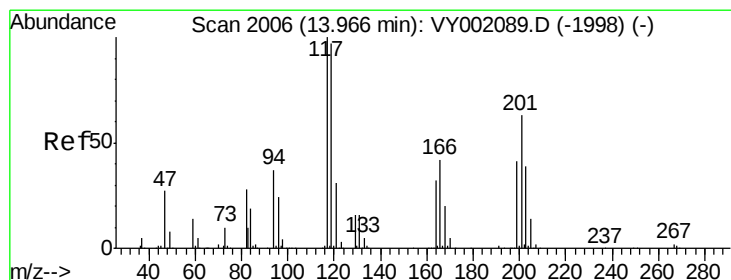
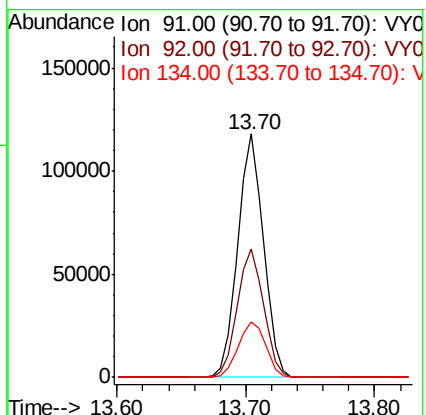
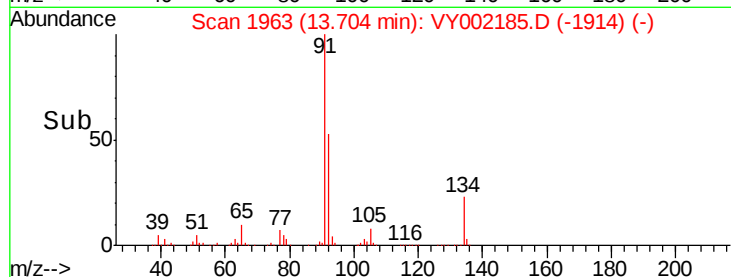
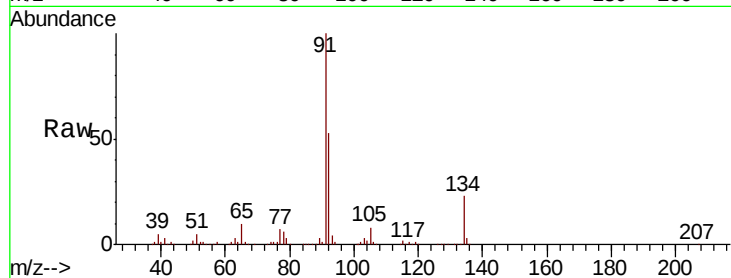
Tot Ion: 91 Resp: 163625

Ion Ratio Lower Upper

91 100

92 54.1 27.0 81.0

134 24.2 12.3 36.8



#90

Hexachloroethane

Concen: 20.708 ug/l

RT: 13.97 min Scan# 2006

Delta R.T. 0.00 min

Lab File: VY002185.D

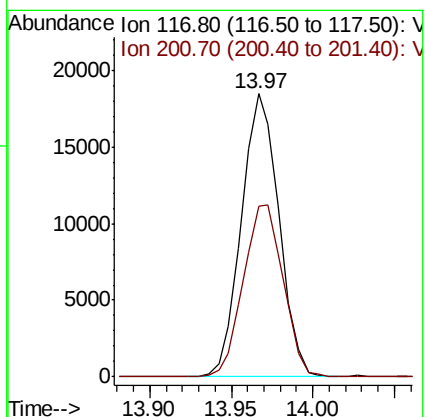
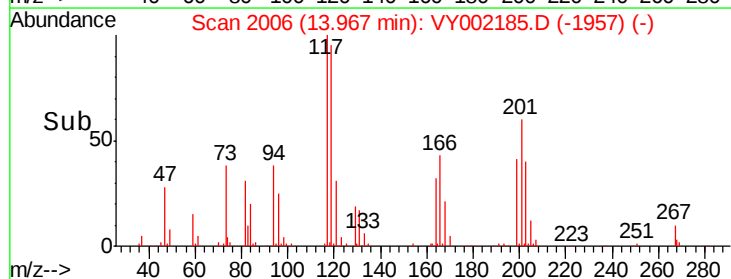
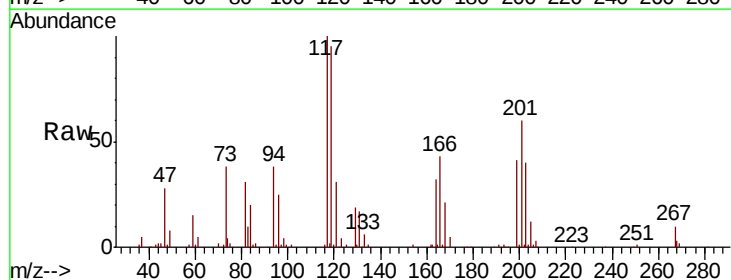
Acq: 02 Apr 2020 12:40

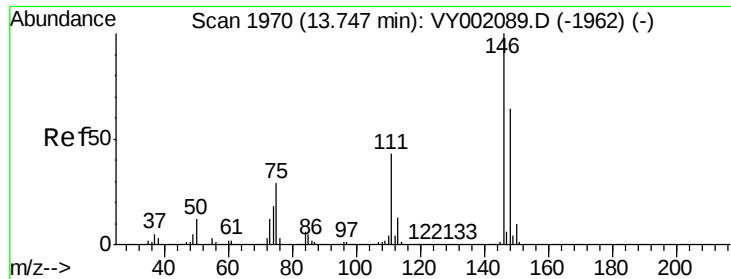
Tgt Ion: 117 Resp: 29552

Ion Ratio Lower Upper

117 100

201 64.4 31.6 94.8





#91

1,2-Dichlorobenzene

Concen: 20.601 ug/l

RT: 13.75 min Scan# 1970

Delta R.T. 0.00 min

Lab File: VY002185.D

Acq: 02 Apr 2020 12:40

Instrument :

MSVOA_Y

ClientSampled :

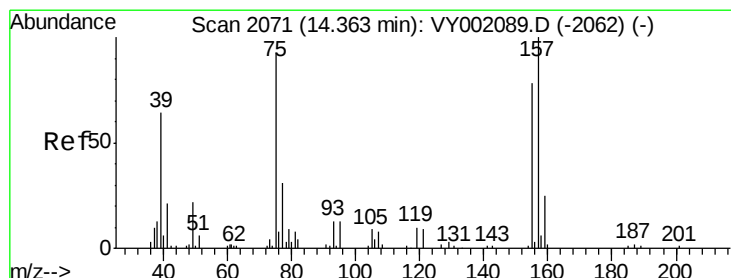
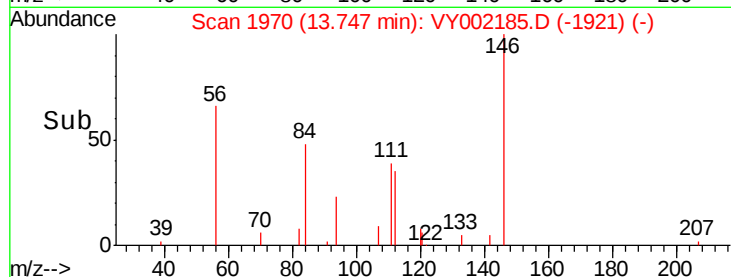
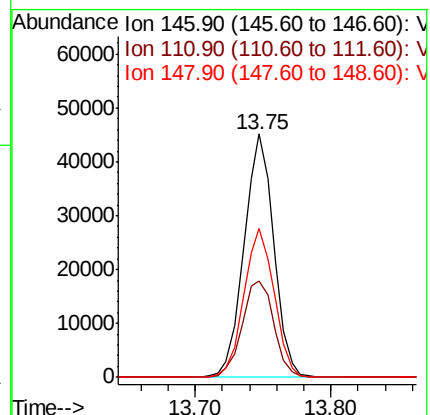
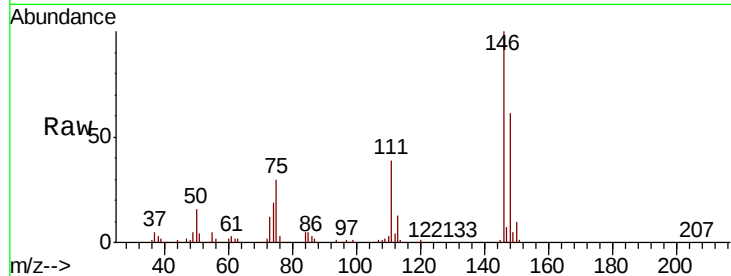
Tot Ion:146 Resp: 68693

Ion Ratio Lower Upper

146 100

111 42.2 21.3 63.7

148 62.3 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.864 ug/l

RT: 14.36 min Scan# 2071

Delta R.T. 0.00 min

Lab File: VY002185.D

Acq: 02 Apr 2020 12:40

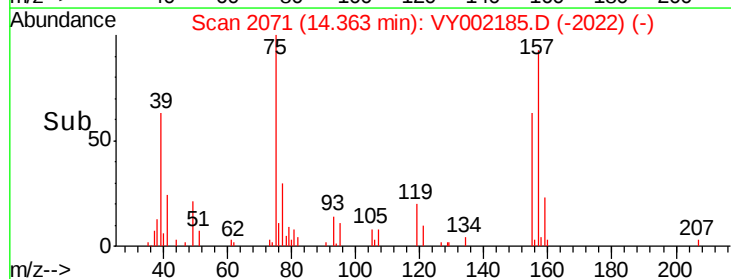
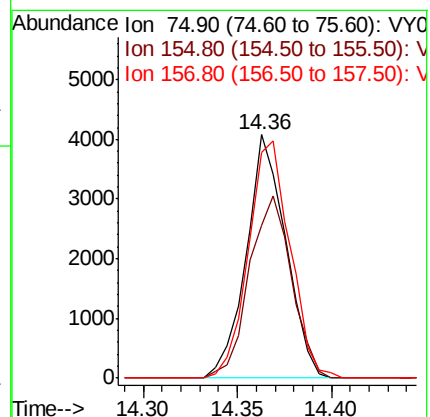
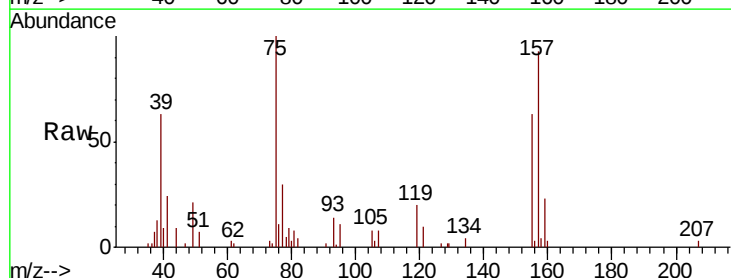
Tgt Ion: 75 Resp: 5920

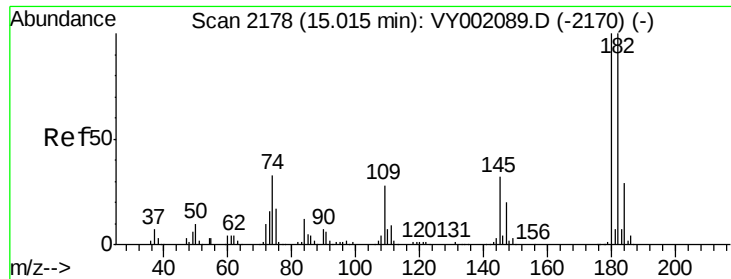
Ion Ratio Lower Upper

75 100

155 79.9 41.6 124.9

157 103.0 53.4 160.3

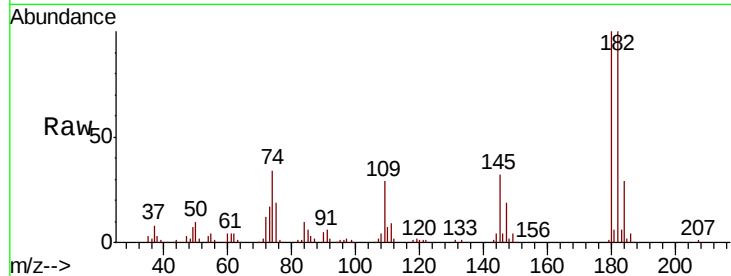




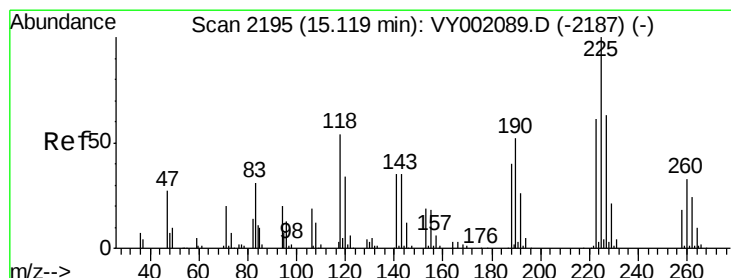
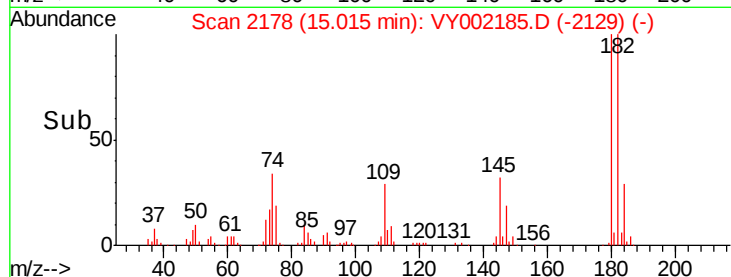
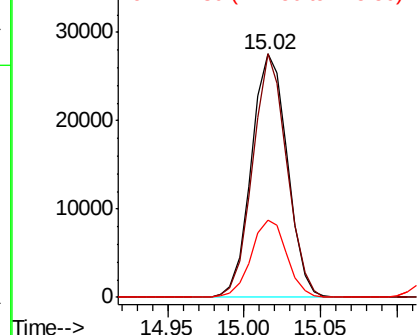
#93
 1,2,4-Trichlorobenzene
 Concen: 20.912 ug/l
 RT: 15.02 min Scan# 2178
 Delta R.T. 0.00 min
 Lab File: VY002185.D
 Acq: 02 Apr 2020 12:40

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion:180 Resp: 44944
 Ion Ratio Lower Upper
 180 100
 182 95.1 48.1 144.3
 145 31.7 15.9 47.6

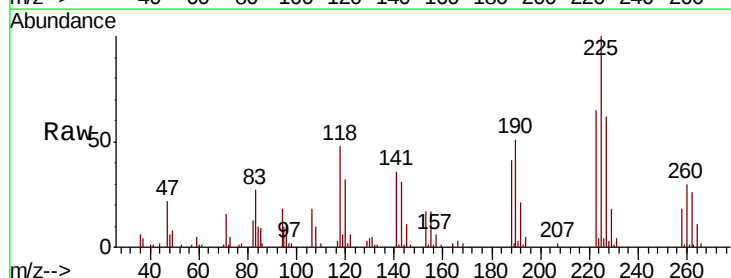


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

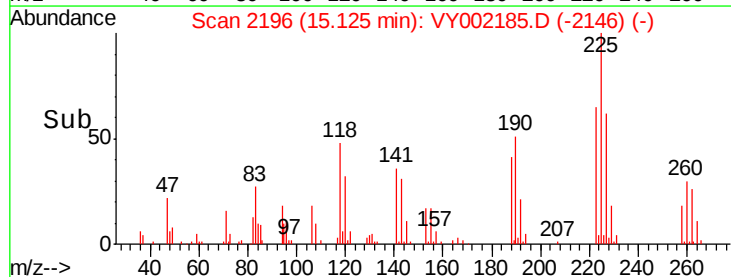
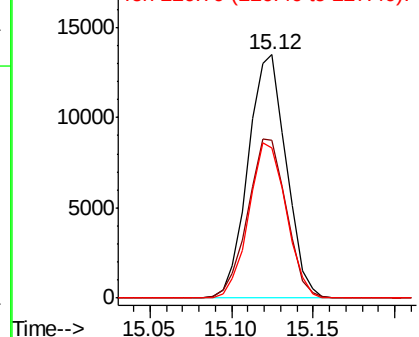


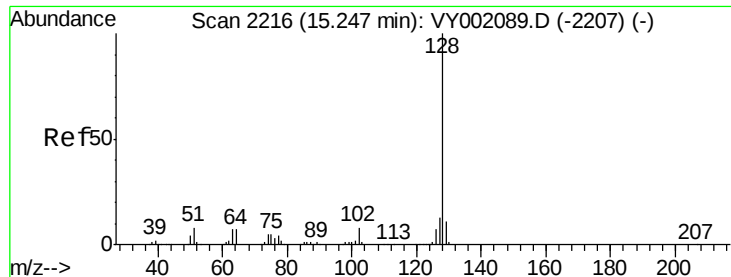
#94
 Hexachlorobutadiene
 Concen: 20.710 ug/l
 RT: 15.12 min Scan# 2196
 Delta R.T. 0.01 min
 Lab File: VY002185.D
 Acq: 02 Apr 2020 12:40

Tgt Ion:225 Resp: 21970
 Ion Ratio Lower Upper
 225 100
 223 65.9 31.1 93.3
 227 62.3 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

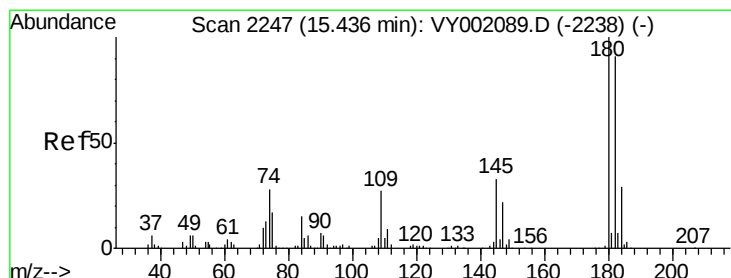
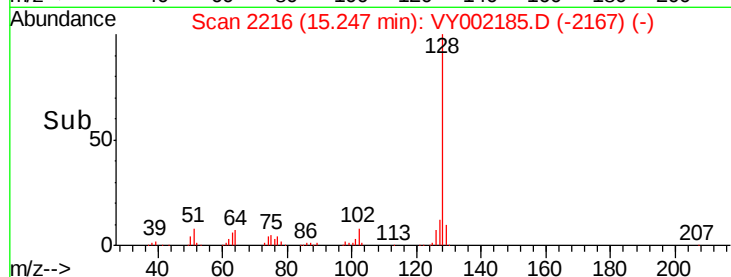
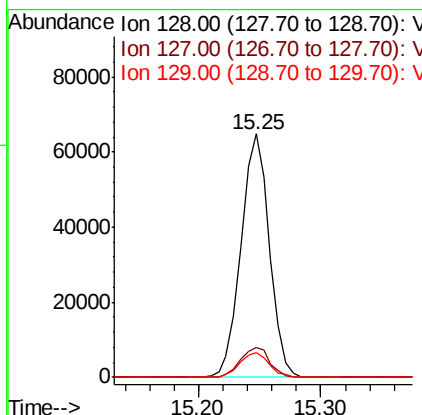
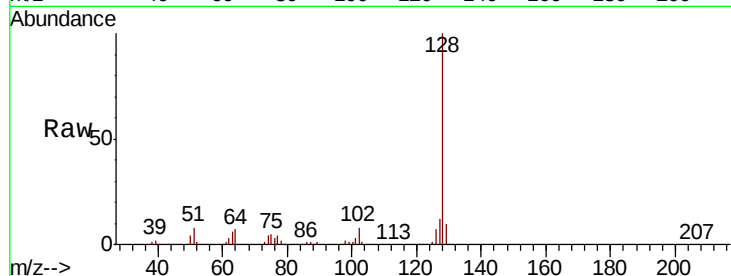




#95
Naphthalene
Concen: 20.350 ug/l
RT: 15.25 min Scan# 2216
Delta R.T. 0.00 min
Lab File: VY002185.D
Acq: 02 Apr 2020 12:40

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	9.8	14.8
129	10.6	8.6	13.0



#96
1,2,3-Trichlorobenzene
Concen: 20.000 ug/l
RT: 15.44 min Scan# 2247
Delta R.T. 0.00 min
Lab File: VY002185.D
Acq: 02 Apr 2020 12:40

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.8	46.8	140.3
145	34.8	16.7	50.1

