

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY071420\
 Data File : VY003189.D
 Acq On : 14 Jul 2020 12:33
 Operator : SY/MD
 Sample : VY0714SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0714SBS01

Quant Time: Jul 15 04:12:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y071020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 10 13:18:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	457587	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	672662	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	608923	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	327209	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	197029	51.01	ug/l	0.00
Spiked Amount			Recovery	=	102.02%	
35) Dibromofluoromethane	7.72	113	187377	48.41	ug/l	0.00
Spiked Amount			Recovery	=	96.82%	
50) Toluene-d8	10.18	98	699792	48.62	ug/l	0.00
Spiked Amount			Recovery	=	97.24%	
62) 4-Bromofluorobenzene	12.48	95	250241	48.13	ug/l	0.00
Spiked Amount			Recovery	=	96.26%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	75811	23.115	ug/l	99
3) Chloromethane	2.12	50	102991	22.640	ug/l	96
4) Vinyl Chloride	2.26	62	102991	22.065	ug/l	96
5) Bromomethane	2.65	94	78094	22.526	ug/l	95
6) Chloroethane	2.79	64	65375	21.325	ug/l	98
7) Trichlorofluoromethane	3.13	101	146204	21.934	ug/l	97
8) Diethyl Ether	3.54	74	48722	21.813	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.90	101	88387	21.955	ug/l	98
10) Methyl Iodide	4.10	142	86772	19.839	ug/l	99
11) Tert butyl alcohol	4.97	59	44426	106.377	ug/l	96
12) 1,1-Dichloroethene	3.88	96	82847	21.758	ug/l	94
13) Acrolein	3.73	56	35866	98.944	ug/l	98
14) Allyl chloride	4.49	41	130339	23.069	ug/l	99
15) Acrylonitrile	5.18	53	117405	109.423	ug/l	100
16) Acetone	3.95	43	95232	110.388	ug/l	95
17) Carbon Disulfide	4.20	76	255166	21.838	ug/l	99
18) Methyl Acetate	4.49	43	54950	22.936	ug/l	97
19) Methyl tert-butyl Ether	5.23	73	230115	21.565	ug/l	99
20) Methylene Chloride	4.72	84	111065	22.573	ug/l	98
21) trans-1,2-Dichloroethene	5.23	96	92253	21.420	ug/l	96
22) Diisopropyl ether	6.13	45	286405	22.840	ug/l	96
23) Vinyl Acetate	6.07	43	927190	110.936	ug/l	98
24) 1,1-Dichloroethane	6.03	63	160302	22.066	ug/l	98
25) 2-Butanone	7.00	43	154124	108.808	ug/l	98
26) 2,2-Dichloropropane	6.99	77	144157	22.034	ug/l	98
27) cis-1,2-Dichloroethene	6.99	96	102394	21.594	ug/l	97
28) Bromochloromethane	7.34	49	72545	23.065	ug/l	98
29) Tetrahydrofuran	7.35	42	103482	108.750	ug/l	98
30) Chloroform	7.52	83	162713	21.746	ug/l	97
31) Cyclohexane	7.79	56	153183	21.806	ug/l #	95
32) 1,1,1-Trichloroethane	7.71	97	145904	21.660	ug/l	99
36) 1,1-Dichloropropene	7.93	75	127200	20.864	ug/l	99
37) Ethyl Acetate	7.08	43	73206	22.297	ug/l	98
38) Carbon Tetrachloride	7.91	117	131392	20.876	ug/l	100

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 Misc : 5.00G/5ML/MSVOA Y/SOIL
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 Quant Title : SW846 8260
 QLast Update : Fri Jul 10 13:18:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	160834	21.000	ug/l	95
40) Benzene	8.17	78	358902	21.380	ug/l	99
41) Methacrylonitrile	7.35	41	96781	48.945	ug/l #	45
42) 1,2-Dichloroethane	8.24	62	109619	21.211	ug/l	99
43) Isopropyl Acetate	8.28	43	134127	21.106	ug/l	98
44) Trichloroethene	8.94	130	103534	20.119	ug/l	98
45) 1,2-Dichloropropane	9.22	63	93531	21.533	ug/l	99
46) Dibromomethane	9.31	93	52807	20.815	ug/l	100
47) Bromodichloromethane	9.50	83	127874	21.193	ug/l	100
48) Methyl methacrylate	9.30	41	60418	21.266	ug/l	98
49) 1,4-Dioxane	9.30	88	13053	405.395	ug/l	94
51) 4-Methyl-2-Pentanone	10.07	43	357609	108.263	ug/l	97
52) Toluene	10.24	92	226766	21.135	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	132803	21.243	ug/l	98
54) cis-1,3-Dichloropropene	9.93	75	152104	21.117	ug/l	98
55) 1,1,2-Trichloroethane	10.64	97	75480	20.996	ug/l	95
56) Ethyl methacrylate	10.51	69	102872	21.048	ug/l	99
57) 1,3-Dichloropropane	10.79	76	128113	21.018	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	261221	104.798	ug/l	98
59) 2-Hexanone	10.83	43	244781	106.157	ug/l	99
60) Dibromochloromethane	10.99	129	94806	20.967	ug/l	98
61) 1,2-Dibromoethane	11.09	107	71509	20.154	ug/l	99
64) Tetrachloroethene	10.72	164	112224	20.670	ug/l	97
65) Chlorobenzene	11.52	112	247336	21.085	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.59	131	95042	20.861	ug/l	99
67) Ethyl Benzene	11.60	91	446125	21.300	ug/l	99
68) m/p-Xylenes	11.70	106	335246	42.185	ug/l	98
69) o-Xylene	12.03	106	159028	21.420	ug/l	99
70) Styrene	12.05	104	268535	21.144	ug/l	98
71) Bromoform	12.20	173	61977	20.726	ug/l	100
73) Isopropylbenzene	12.33	105	435361	20.879	ug/l	100
74) N-amyl acetate	12.14	43	126383	21.601	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	84721	21.037	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	115833	39.993	ug/l #	100
77) Bromobenzene	12.61	156	111460	20.970	ug/l	99
78) n-propylbenzene	12.67	91	524439	21.337	ug/l	100
79) 2-Chlorotoluene	12.75	91	288807	21.060	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	367268	21.133	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	31082	20.885	ug/l	96
82) 4-Chlorotoluene	12.85	91	307320	21.470	ug/l	98
83) tert-Butylbenzene	13.08	119	324900	21.187	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	372144	21.282	ug/l	99
85) sec-Butylbenzene	13.25	105	450477	21.373	ug/l	99
86) p-Isopropyltoluene	13.37	119	414411	21.058	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	211033	20.996	ug/l	98
88) 1,4-Dichlorobenzene	13.44	146	210184	21.121	ug/l	99
89) n-Butylbenzene	13.69	91	395640	21.373	ug/l	100
90) Hexachloroethane	13.96	117	77684	21.676	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	187446	21.251	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	13373	20.482	ug/l	92

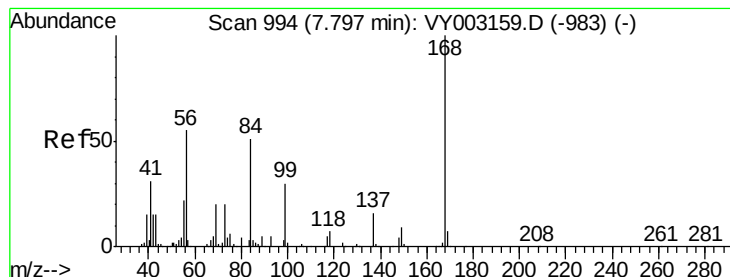
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY071420\
Data File : VY003189.D
Acq On : 14 Jul 2020 12:33
Operator : SY/MD
Sample : VY0714SBSD01
Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Fri Jul 10 13:18:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	131919	21.022	ug/l	99
94) Hexachlorobutadiene	15.11	225	93637	21.777	ug/l	99
95) Naphthalene	15.23	128	209208	20.173	ug/l	98
96) 1,2,3-Trichlorobenzene	15.42	180	102047	20.572	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY003189.D

Acq: 14 Jul 2020 12:33

Instrument :

MSVOA_Y

ClientSampleId :

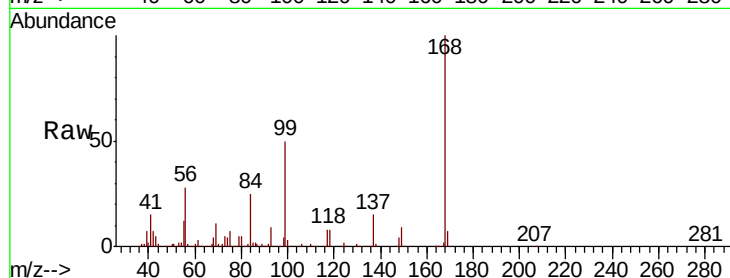
VY0714SBS01

Tot Ion:168 Resp: 457587

Ion Ratio Lower Upper

168 100

99 50.4 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): VY003189.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY003189.D (-945) (-)

7.80

200000

150000

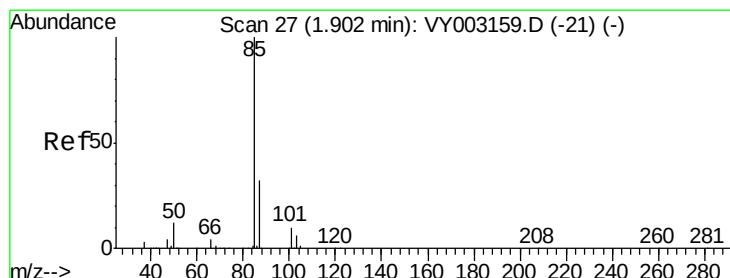
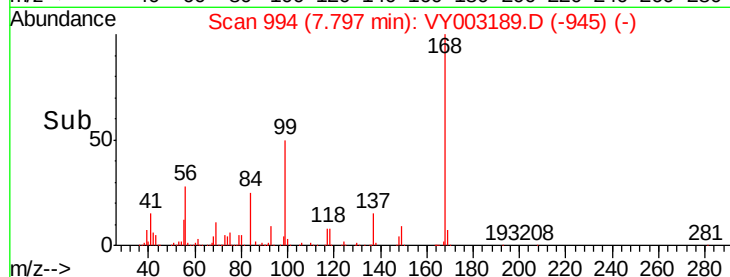
100000

50000

0

7.70 7.80 7.90 8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 23.115 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.01 min

Lab File: VY003189.D

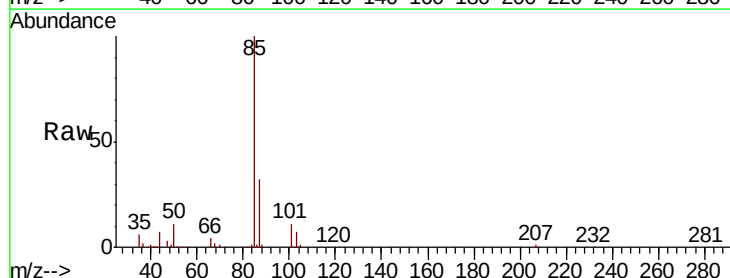
Acq: 14 Jul 2020 12:33

Tgt Ion: 85 Resp: 75811

Ion Ratio Lower Upper

85 100

87 32.2 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VY003189.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY003189.D (-1) (-)

1.91

50000

40000

30000

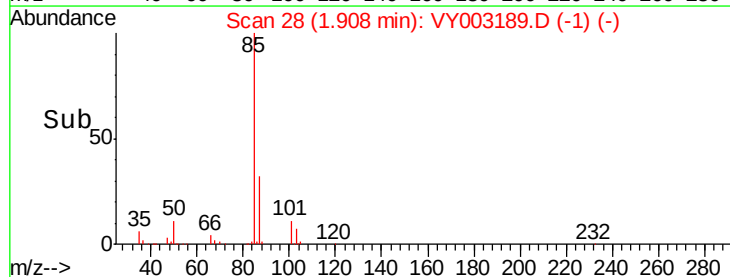
20000

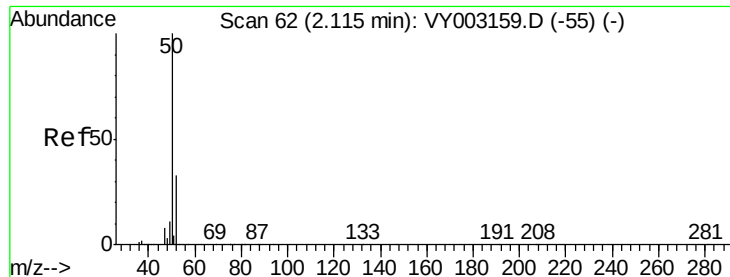
10000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 22.640 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY003189.D

Acq: 14 Jul 2020 12:33

Instrument :

MSVOA_Y

ClientSampleId :

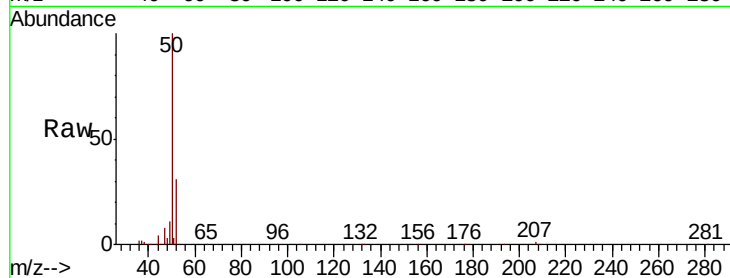
VY0714SBS01

Tot Ion: 50 Resp: 102991

Ion Ratio Lower Upper

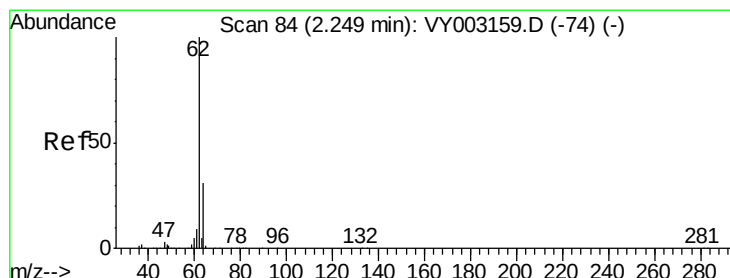
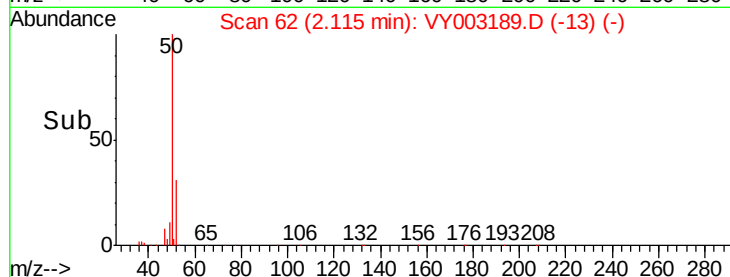
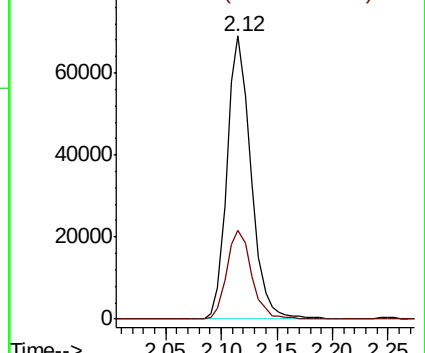
50 100

52 31.2 26.6 39.8



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 22.065 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.01 min

Lab File: VY003189.D

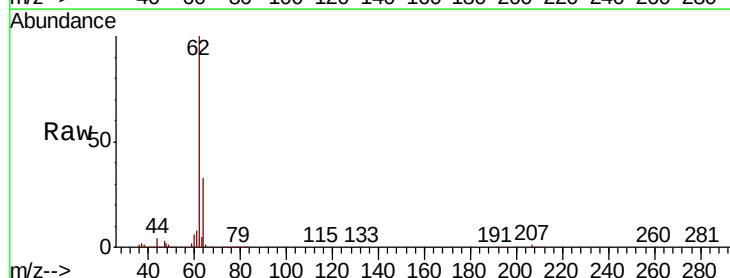
Acq: 14 Jul 2020 12:33

Tgt Ion: 62 Resp: 102991

Ion Ratio Lower Upper

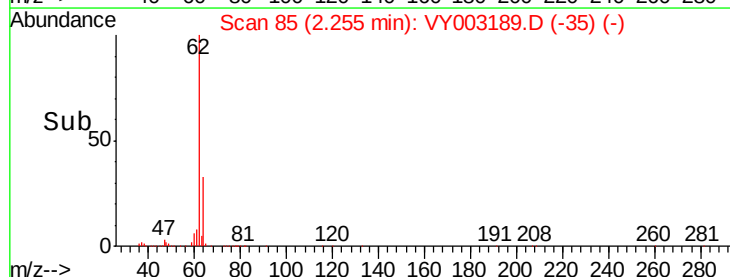
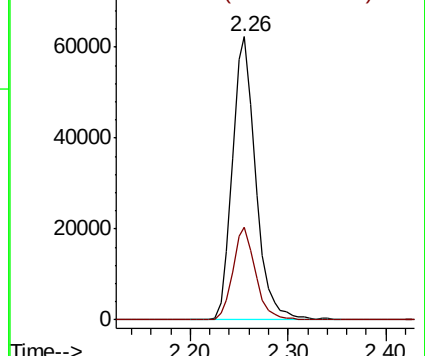
62 100

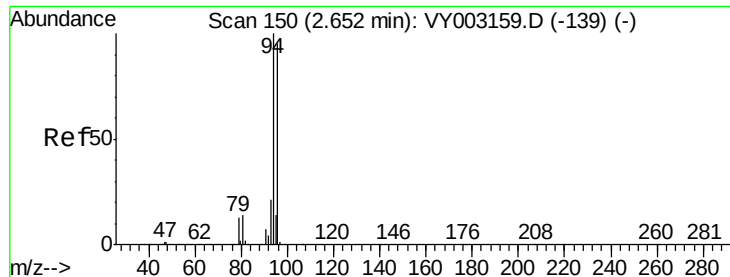
64 32.9 24.6 37.0



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 22.526 ug/l

RT: 2.65 min Scan# 149

Delta R.T. -0.01 min

Lab File: VY003189.D

Acq: 14 Jul 2020 12:33

Instrument :

MSVOA_Y

ClientSampleId :

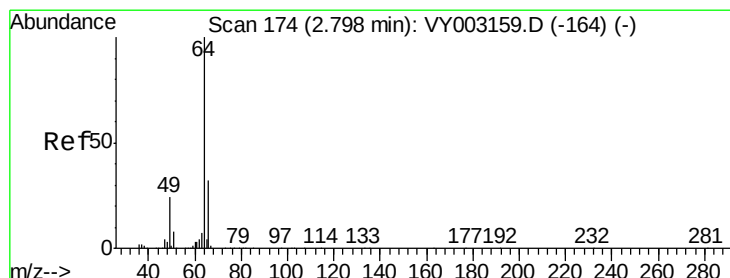
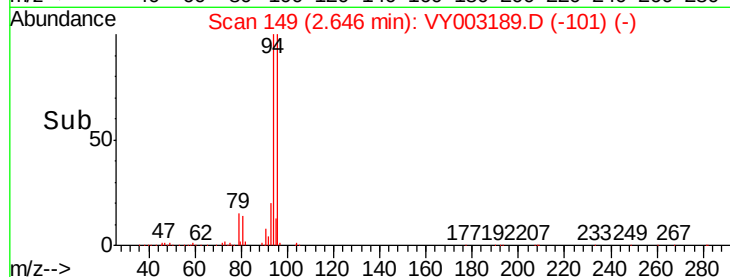
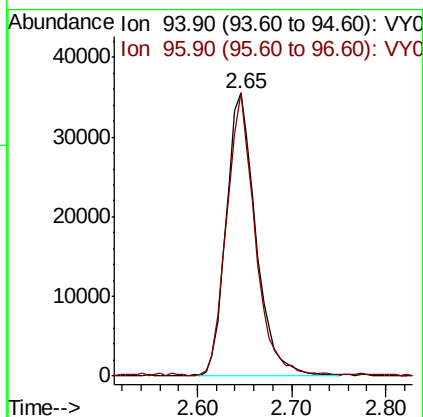
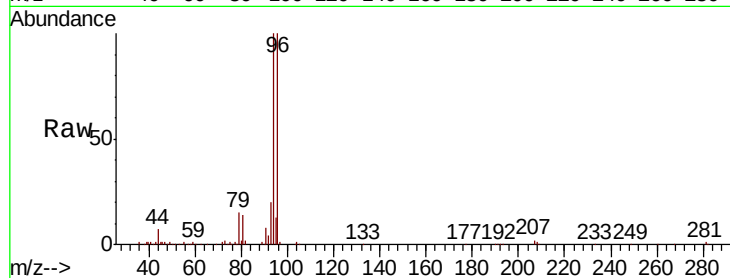
VY0714SBS01

Tot Ion: 94 Resp: 78094

Ion Ratio Lower Upper

94 100

96 99.9 76.0 114.0



#6

Chloroethane

Concen: 21.325 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.01 min

Lab File: VY003189.D

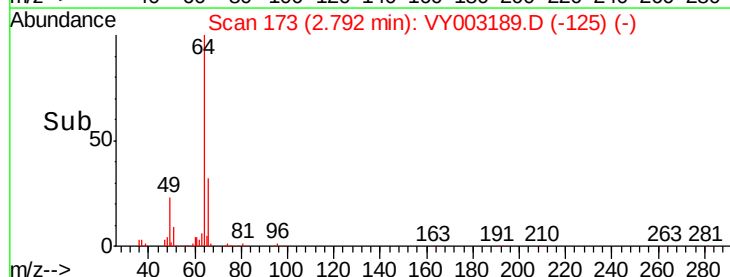
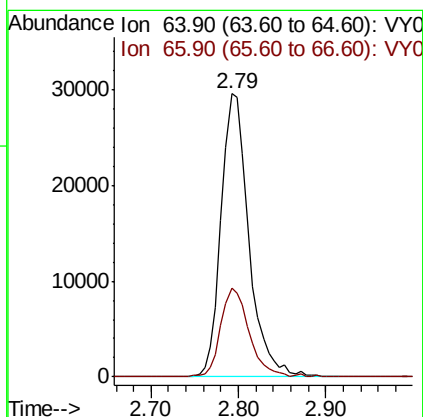
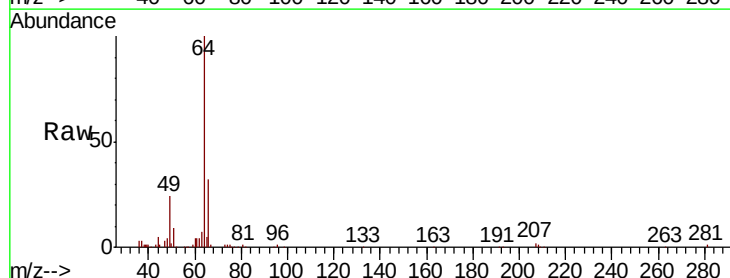
Acq: 14 Jul 2020 12:33

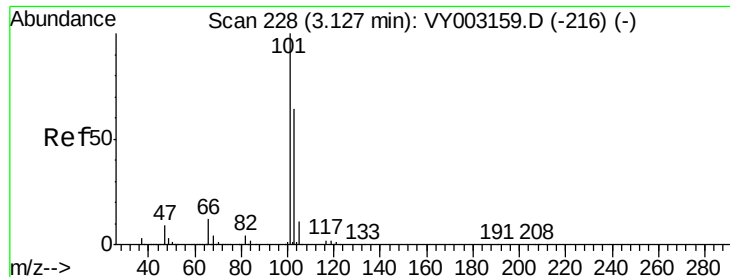
Tgt Ion: 64 Resp: 65375

Ion Ratio Lower Upper

64 100

66 31.5 26.0 39.0



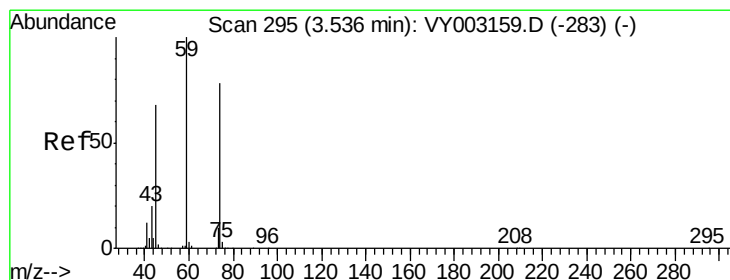
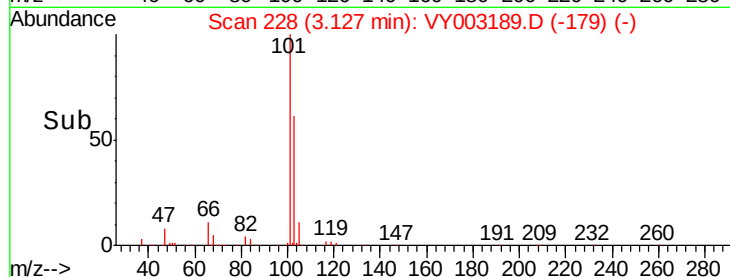
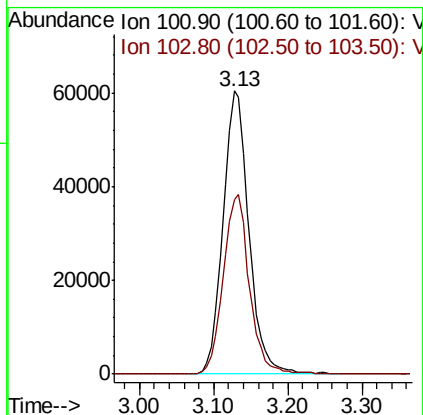
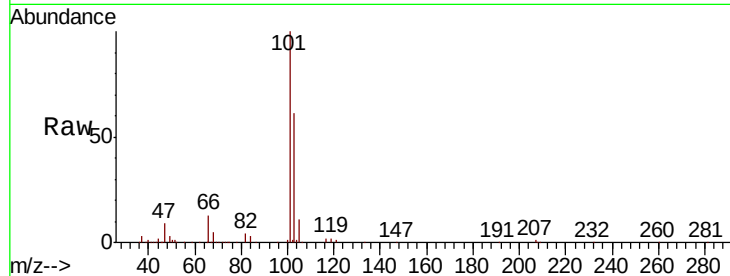


#7

Trichlorofluoromethane
 Concen: 21.934 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. 0.00 min
 Lab File: VY003189.D
 Acq: 14 Jul 2020 12:33

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0714SBS01

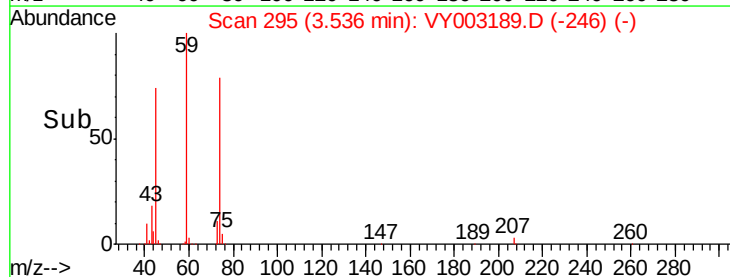
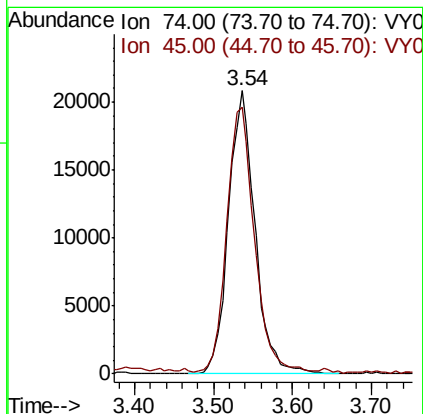
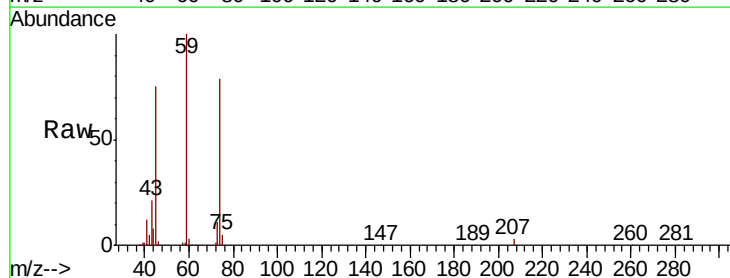
Tot Ion:101 Resp: 146204
 Ion Ratio Lower Upper
 101 100
 103 61.5 51.3 76.9

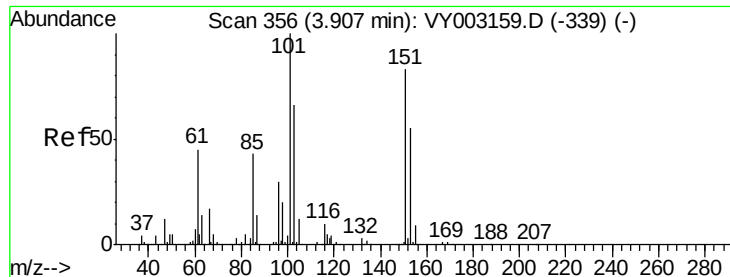


#8

Diethyl Ether
 Concen: 21.813 ug/l
 RT: 3.54 min Scan# 295
 Delta R.T. 0.00 min
 Lab File: VY003189.D
 Acq: 14 Jul 2020 12:33

Tgt Ion: 74 Resp: 48722
 Ion Ratio Lower Upper
 74 100
 45 96.6 45.3 135.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.955 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.01 min

Lab File: VY003189.D

Acq: 14 Jul 2020 12:33

Instrument :

MSVOA_Y

ClientSampleId :

VY0714SBSD01

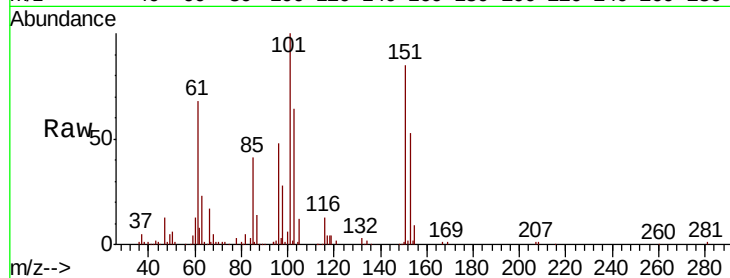
Tot Ion:101 Resp: 88387

Ion Ratio Lower Upper

101 100

85 43.5 34.9 52.3

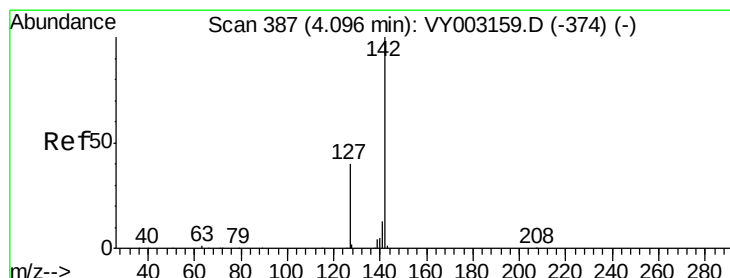
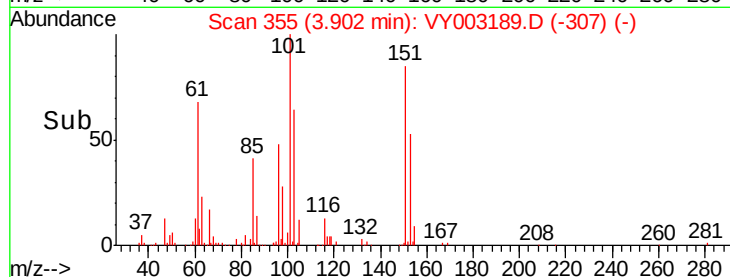
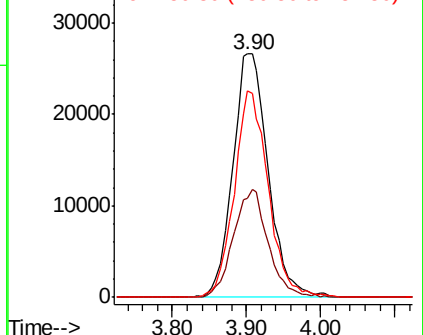
151 81.7 67.0 100.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VY0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.839 ug/l

RT: 4.10 min Scan# 387

Delta R.T. 0.00 min

Lab File: VY003189.D

Acq: 14 Jul 2020 12:33

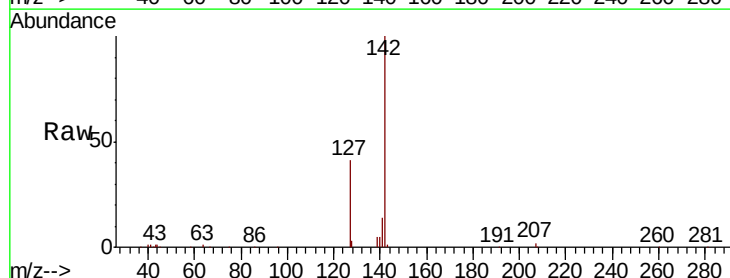
Tgt Ion:142 Resp: 86772

Ion Ratio Lower Upper

142 100

127 42.4 33.5 50.3

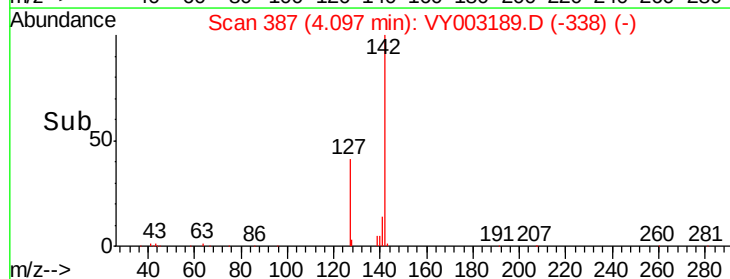
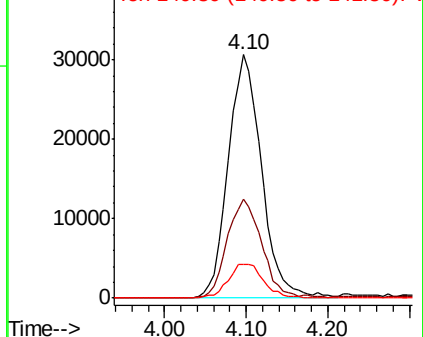
141 14.7 11.2 16.8

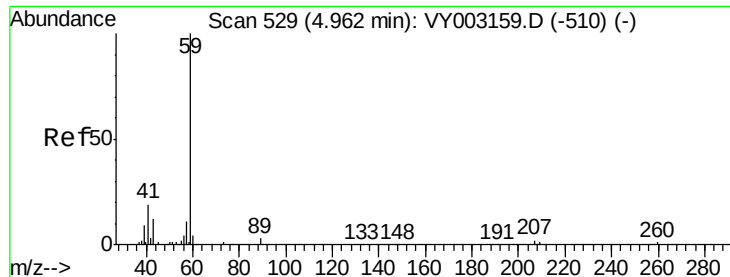


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

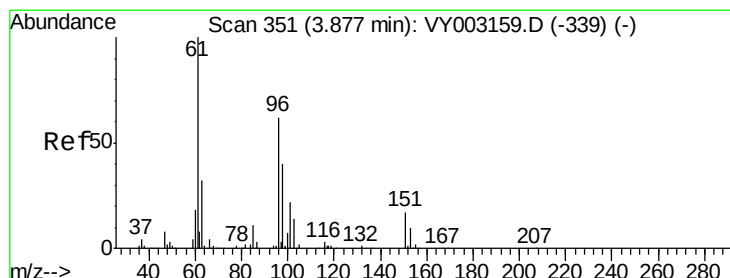
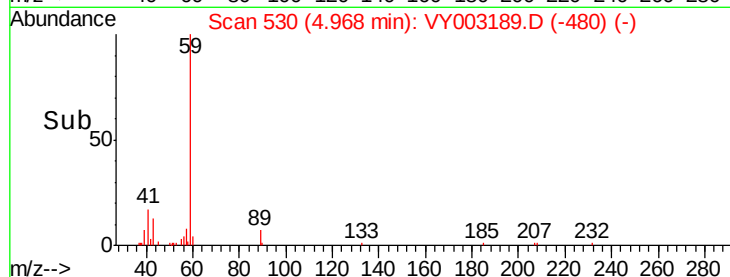
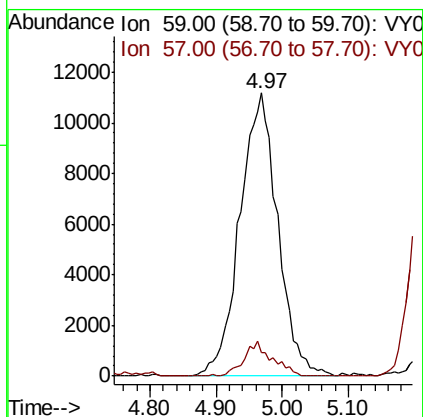
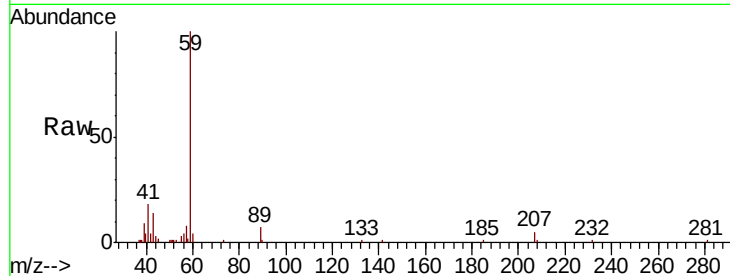




#11
Tert butyl alcohol
Concen: 106.377 ug/l
RT: 4.97 min Scan# 530
Delta R.T. 0.01 min
Lab File: VY003189.D
Acq: 14 Jul 2020 12:33

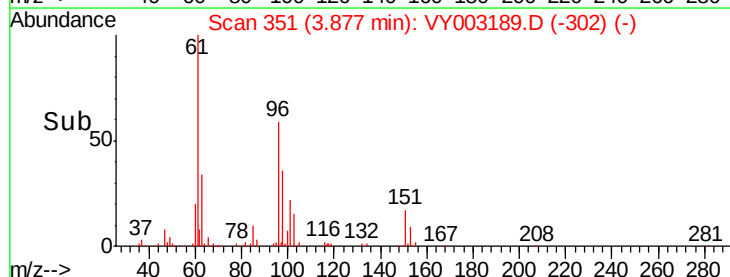
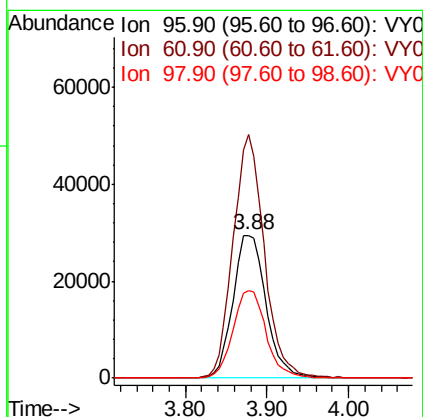
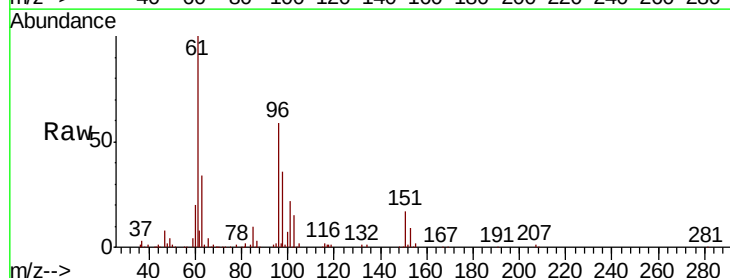
Instrument :
MSVOA_Y
ClientSampleId :
VY0714SBS01

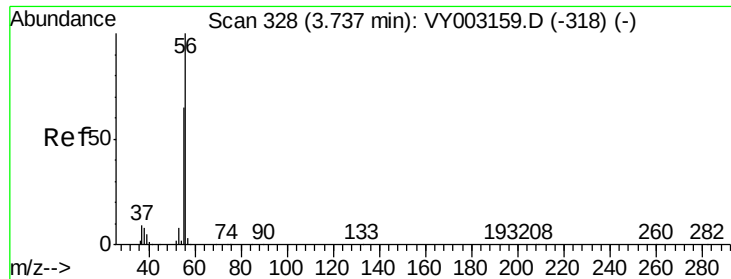
Tot Ion: 59 Resp: 44426
Ion Ratio Lower Upper
59 100
57 9.1 8.4 12.6



#12
1,1-Dichloroethene
Concen: 21.758 ug/l
RT: 3.88 min Scan# 351
Delta R.T. 0.00 min
Lab File: VY003189.D
Acq: 14 Jul 2020 12:33

Tgt Ion: 96 Resp: 82847
Ion Ratio Lower Upper
96 100
61 170.3 128.6 193.0
98 61.0 51.6 77.4





#13

Acrolein

Concen: 98.944 ug/l

RT: 3.73 min Scan# 327

Delta R.T. -0.01 min

Lab File: VY003189.D

Acq: 14 Jul 2020 12:33

Instrument :

MSVOA_Y

ClientSampleId :

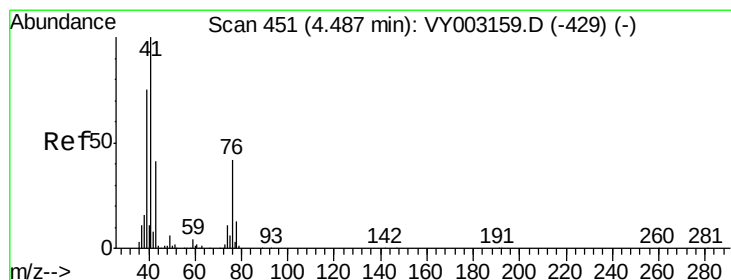
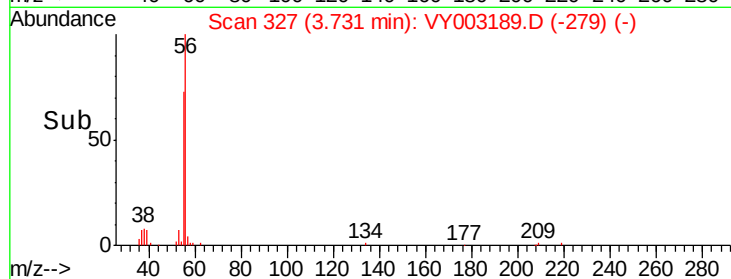
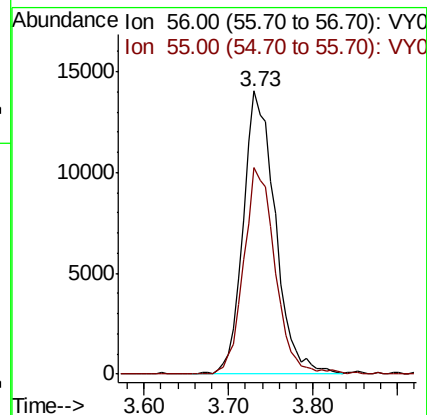
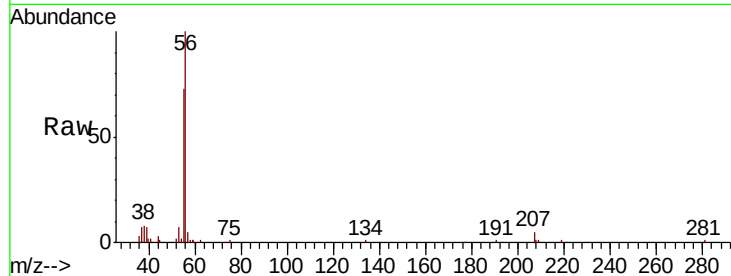
VY0714SBS01

Tot Ion: 56 Resp: 35866

Ion Ratio Lower Upper

56 100

55 71.9 56.0 84.0



#14

Allyl chloride

Concen: 23.069 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.00 min

Lab File: VY003189.D

Acq: 14 Jul 2020 12:33

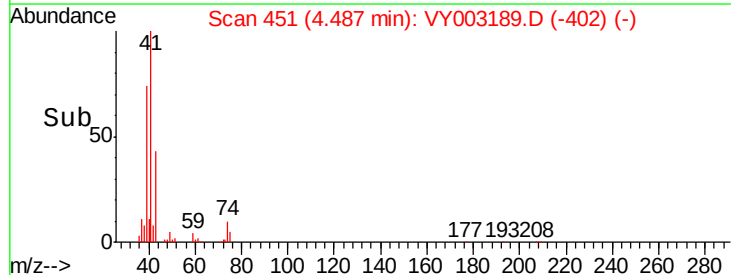
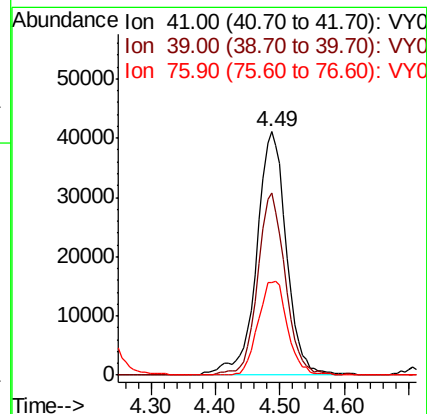
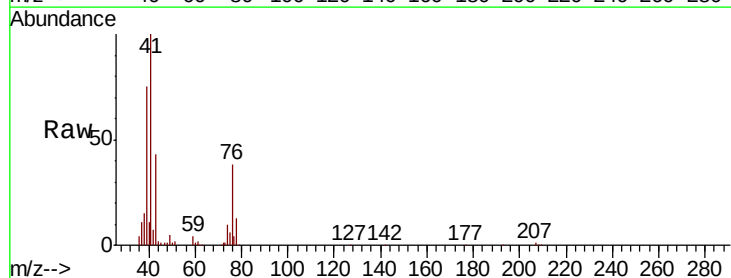
Tgt Ion: 41 Resp: 130339

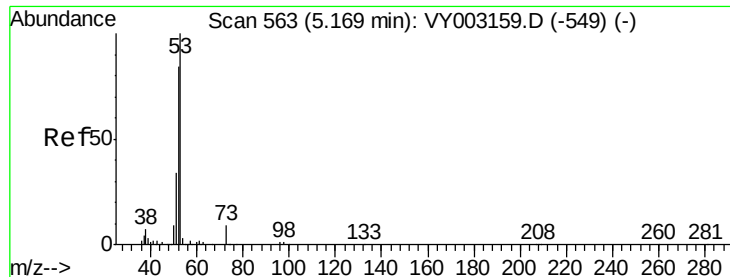
Ion Ratio Lower Upper

41 100

39 70.0 56.6 85.0

76 38.2 31.6 47.4





#15

Acrylonitrile

Concen: 109.423 ug/l

RT: 5.18 min Scan# 564

Delta R.T. 0.01 min

Lab File: VY003189.D

Acq: 14 Jul 2020 12:33

Instrument :

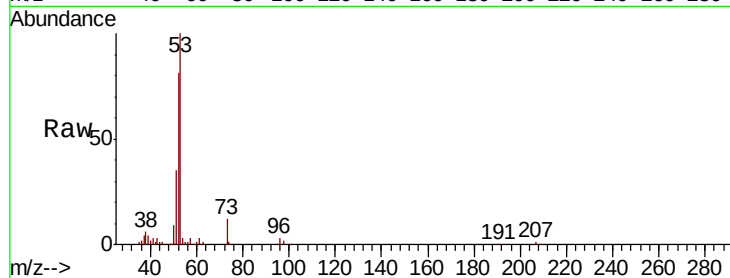
MSVOA_Y

ClientSampleId :

VY0714SBS01

Tot Ion: 53 Resp: 117405

Ion	Ratio	Lower	Upper
53	100		
52	82.4	65.8	98.6
51	36.7	29.0	43.4

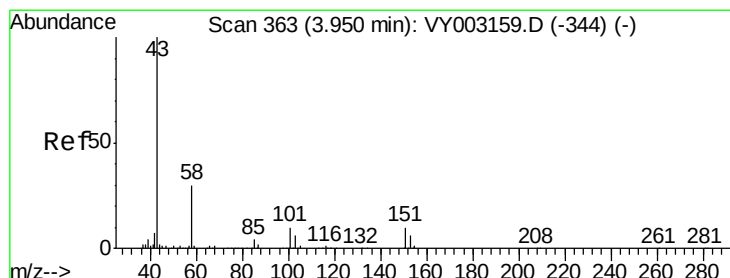
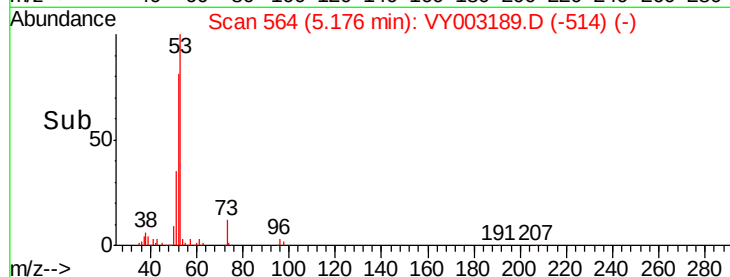
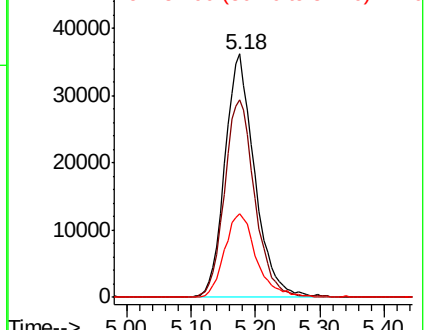


Abundance

Ion 53.00 (52.70 to 53.70): VY0

Ion 52.00 (51.70 to 52.70): VY0

Ion 51.00 (50.70 to 51.70): VY0



#16

Acetone

Concen: 110.388 ug/l

RT: 3.95 min Scan# 363

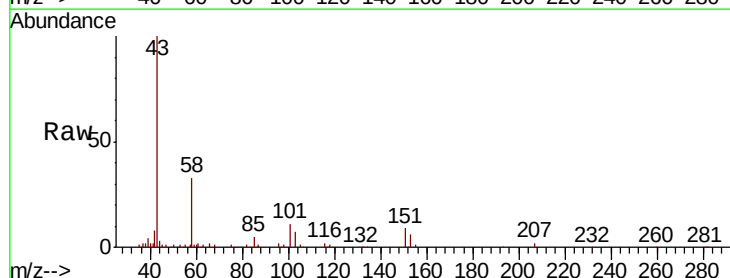
Delta R.T. 0.00 min

Lab File: VY003189.D

Acq: 14 Jul 2020 12:33

Tgt Ion: 43 Resp: 95232

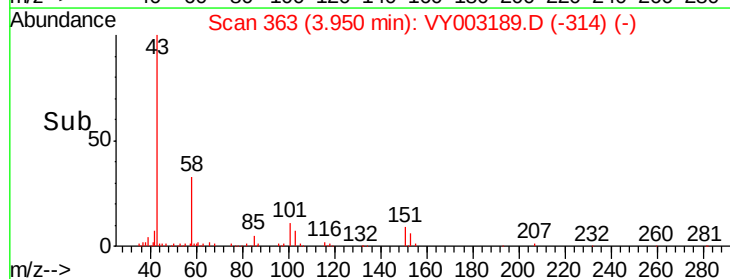
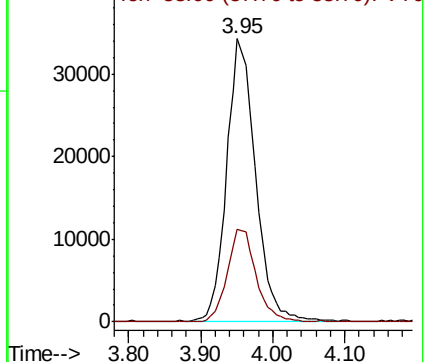
Ion	Ratio	Lower	Upper
43	100		
58	32.5	23.8	35.6

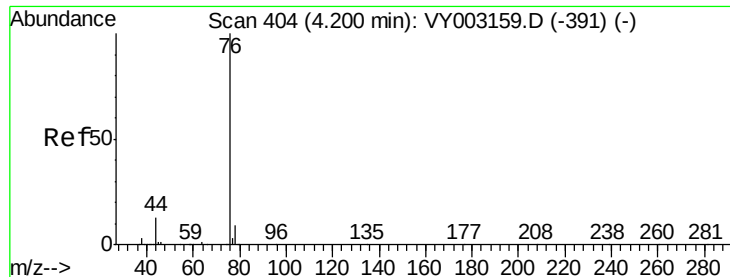


Abundance

Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0





#17

Carbon Disulfide

Concen: 21.838 ug/l

RT: 4.20 min Scan# 404

Delta R.T. 0.00 min

Lab File: VY003189.D

Acq: 14 Jul 2020 12:33

Instrument :

MSVOA_Y

ClientSampleId :

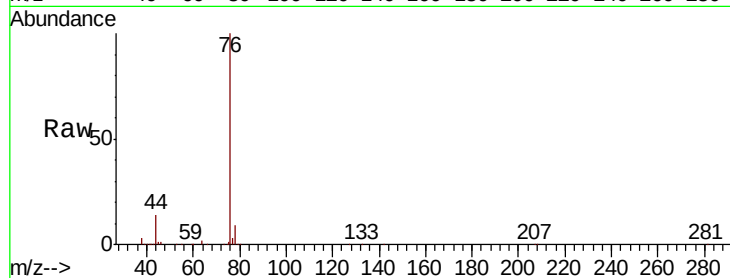
VY0714SBS01

Tot Ion: 76 Resp: 255166

Ion Ratio Lower Upper

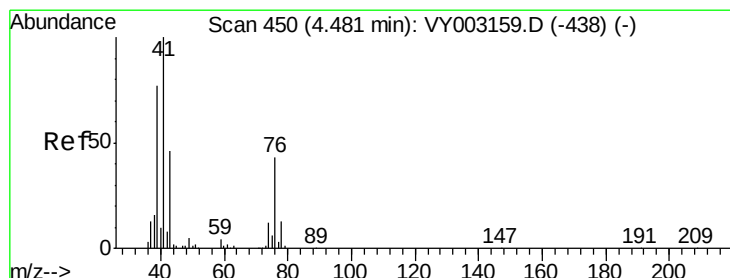
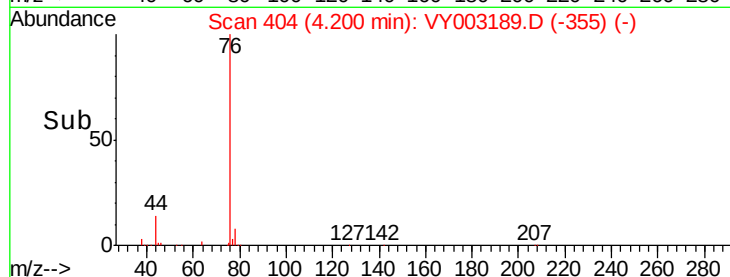
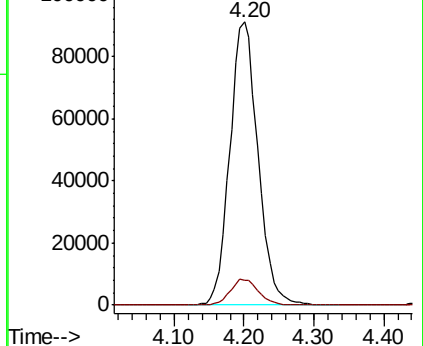
76 100

78 8.7 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 22.936 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.01 min

Lab File: VY003189.D

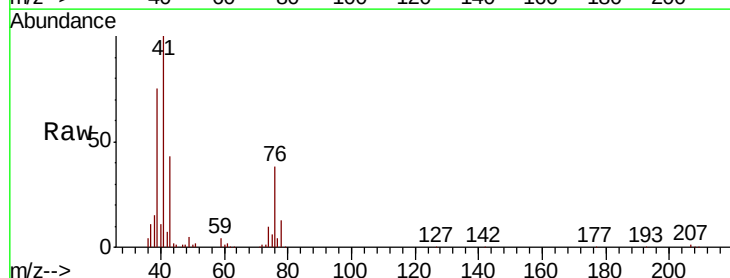
Acq: 14 Jul 2020 12:33

Tgt Ion: 43 Resp: 54950

Ion Ratio Lower Upper

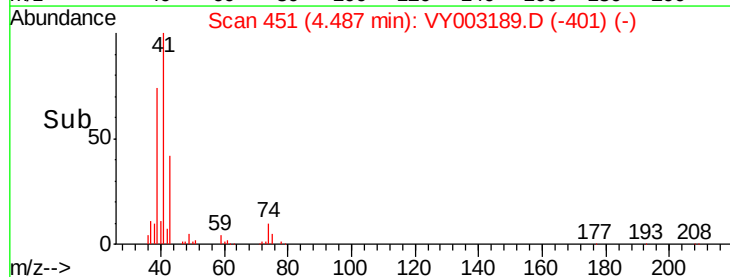
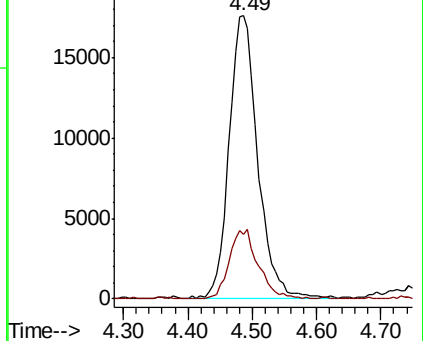
43 100

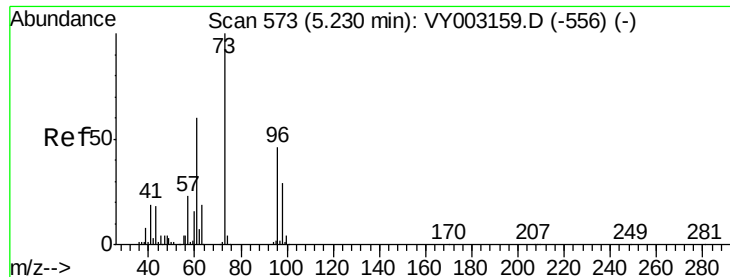
74 24.7 20.8 31.2



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0



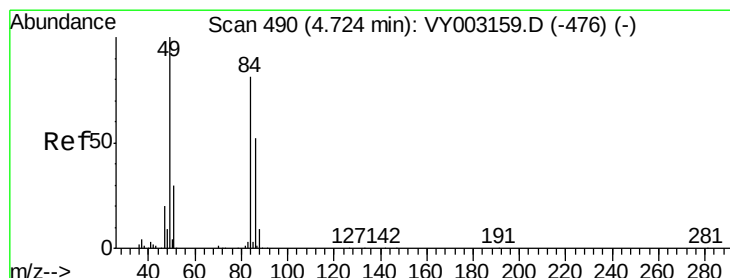
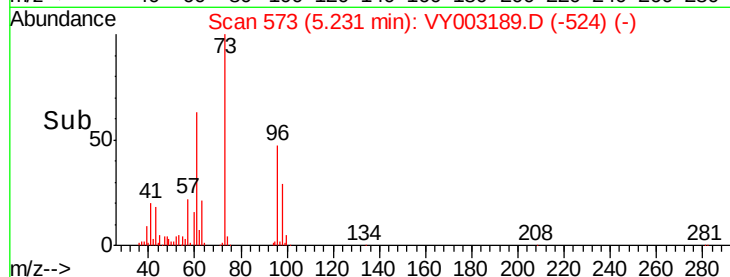
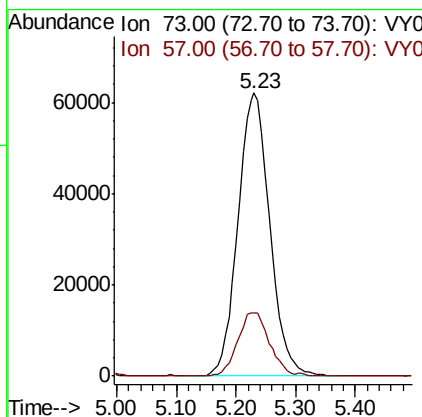
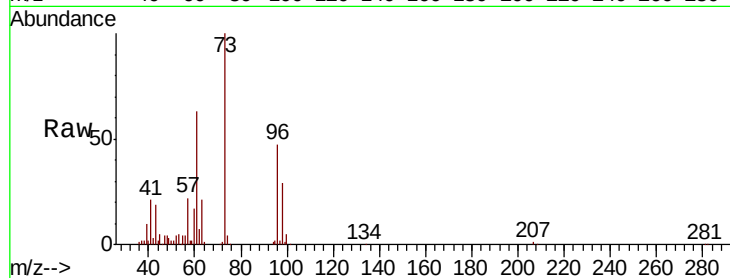


#19

Methyl tert-butyl Ether
 Concen: 21.565 ug/l
 RT: 5.23 min Scan# 573
 Delta R.T. 0.00 min
 Lab File: VY003189.D
 Acq: 14 Jul 2020 12:33

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0714SBS01

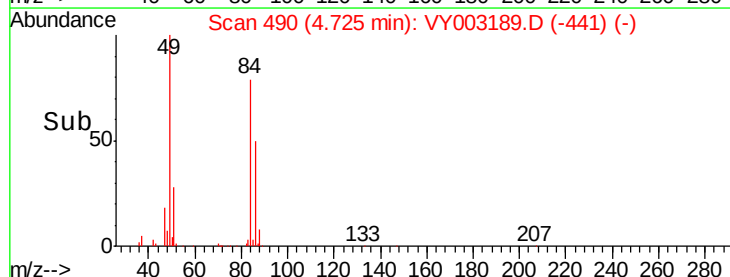
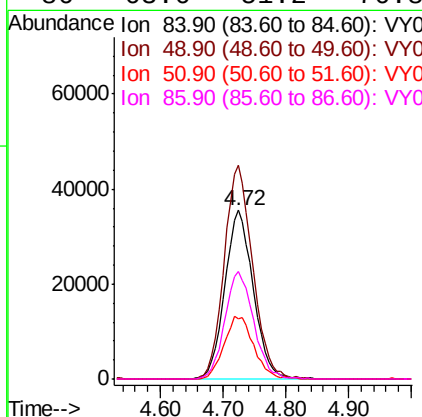
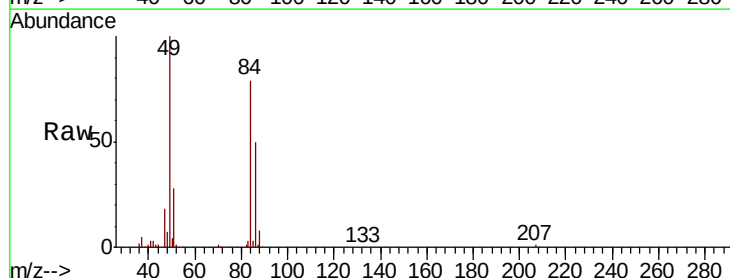
Tot Ion: 73 Resp: 230115
 Ion Ratio Lower Upper
 73 100
 57 22.2 18.1 27.1

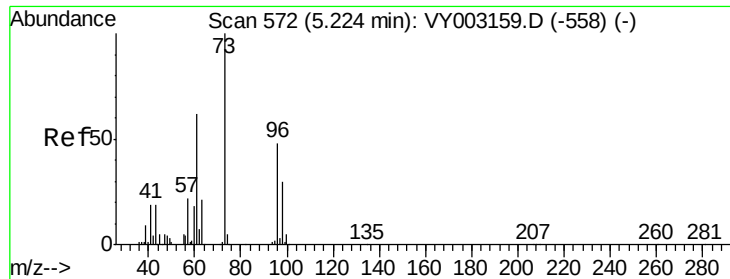


#20

Methylene Chloride
 Concen: 22.573 ug/l
 RT: 4.72 min Scan# 490
 Delta R.T. 0.00 min
 Lab File: VY003189.D
 Acq: 14 Jul 2020 12:33

Tgt Ion: 84 Resp: 111065
 Ion Ratio Lower Upper
 84 100
 49 126.7 98.2 147.4
 51 35.6 29.8 44.6
 86 63.6 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 21.420 ug/l

RT: 5.23 min Scan# 573

Delta R.T. 0.01 min

Lab File: VY003189.D

Acq: 14 Jul 2020 12:33

Instrument :

MSVOA_Y

ClientSampleId :

VY0714SBS01

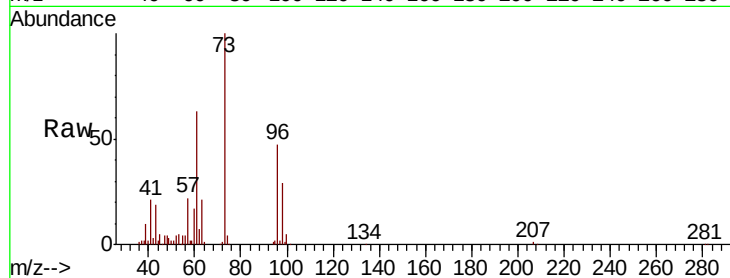
Tot Ion: 96 Resp: 92253

Ion Ratio Lower Upper

96 100

61 135.3 102.5 153.7

98 62.7 49.8 74.8

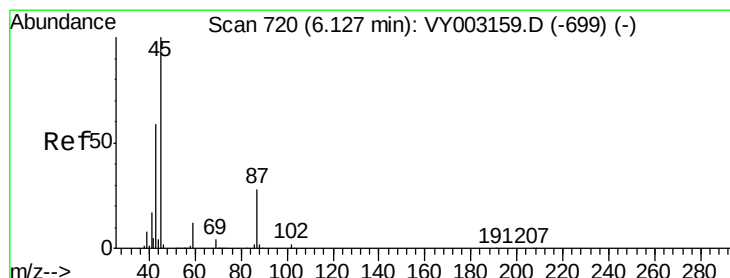
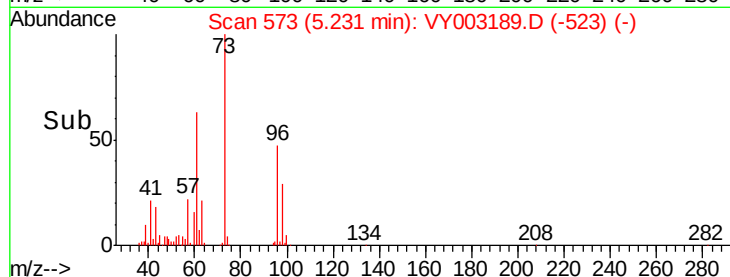
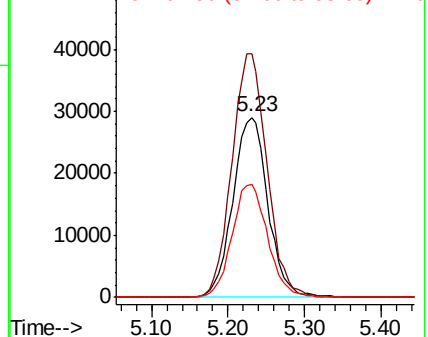


Abundance

Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 97.90 (97.60 to 98.60): VY0



#22

Diisopropyl ether

Concen: 22.840 ug/l

RT: 6.13 min Scan# 720

Delta R.T. 0.00 min

Lab File: VY003189.D

Acq: 14 Jul 2020 12:33

Tgt Ion: 45 Resp: 286405

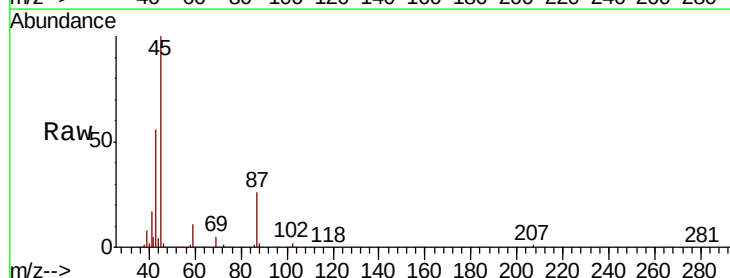
Ion Ratio Lower Upper

45 100

43 55.6 47.0 70.4

87 26.3 22.6 33.8

59 11.4 9.8 14.6



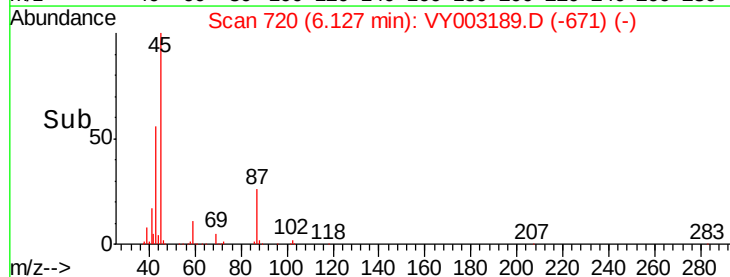
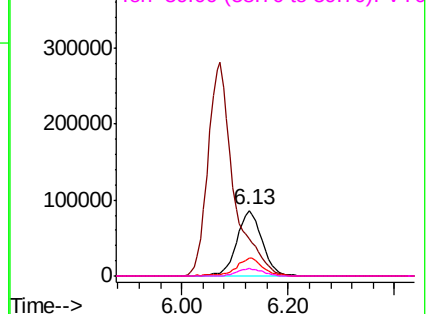
Abundance

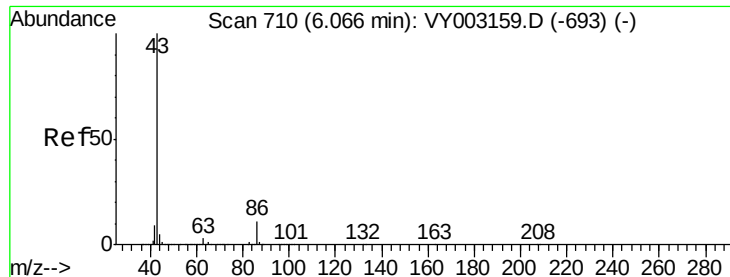
Ion 45.00 (44.70 to 45.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 87.00 (86.70 to 87.70): VY0

Ion 59.00 (58.70 to 59.70): VY0





#23

Vinyl Acetate

Concen: 110.936 ug/l

RT: 6.07 min Scan# 711

Delta R.T. 0.01 min

Lab File: VY003189.D

Acq: 14 Jul 2020 12:33

Instrument :

MSVOA_Y

ClientSampleId :

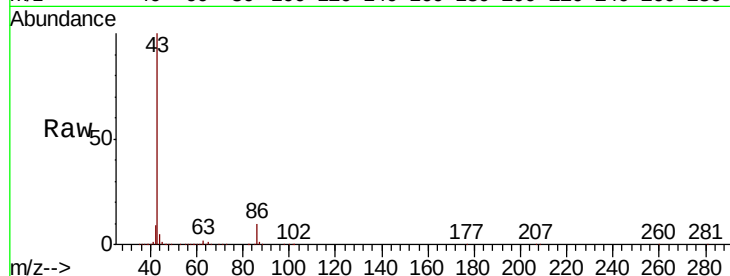
VY0714SBS01

Tot Ion: 43 Resp: 927190

Ion Ratio Lower Upper

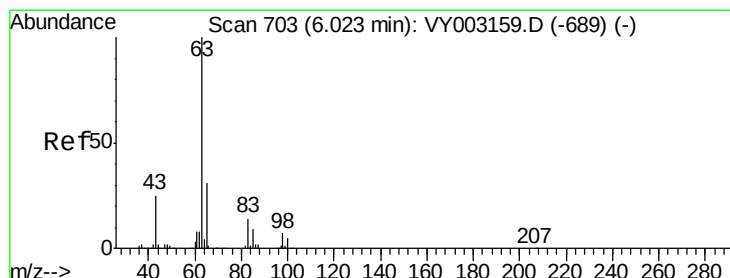
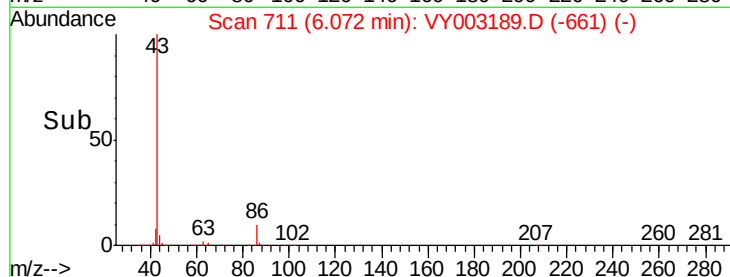
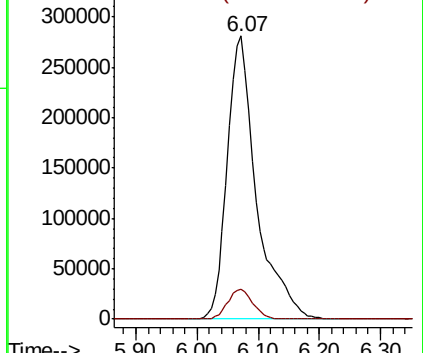
43 100

86 10.4 8.8 13.2



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 22.066 ug/l

RT: 6.03 min Scan# 704

Delta R.T. 0.01 min

Lab File: VY003189.D

Acq: 14 Jul 2020 12:33

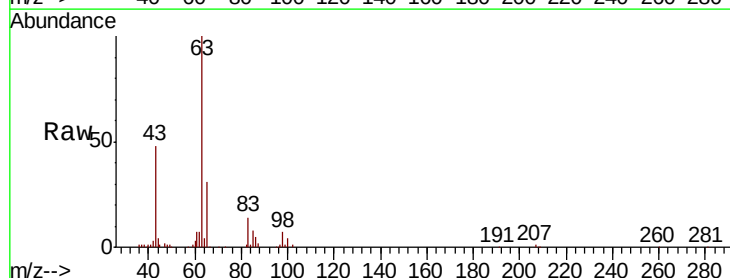
Tgt Ion: 63 Resp: 160302

Ion Ratio Lower Upper

63 100

98 6.9 3.6 10.8

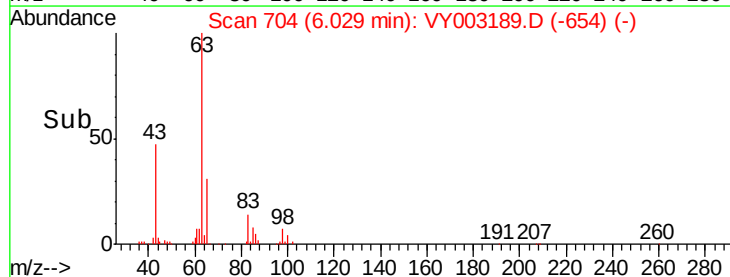
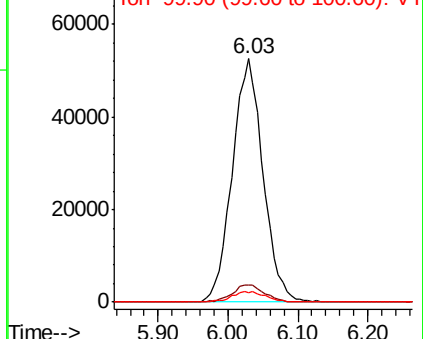
100 3.6 2.4 7.2

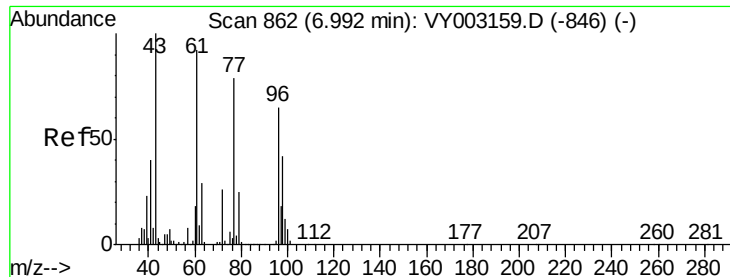


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 108.808 ug/l

RT: 7.00 min Scan# 863

Delta R.T. 0.01 min

Lab File: VY003189.D

Acq: 14 Jul 2020 12:33

Instrument :

MSVOA_Y

ClientSampleId :

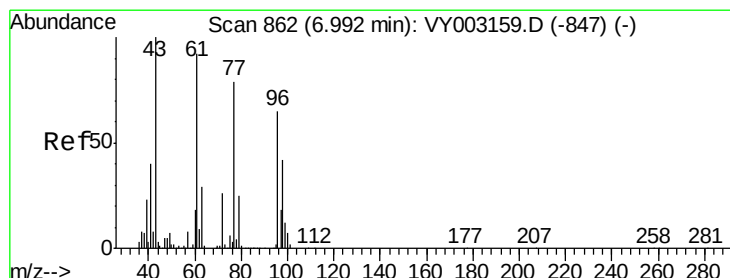
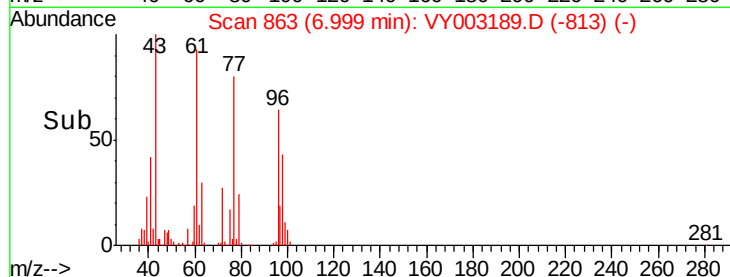
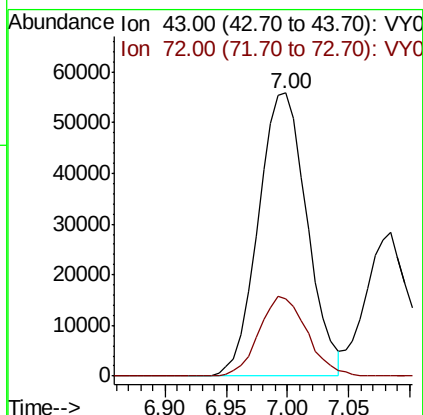
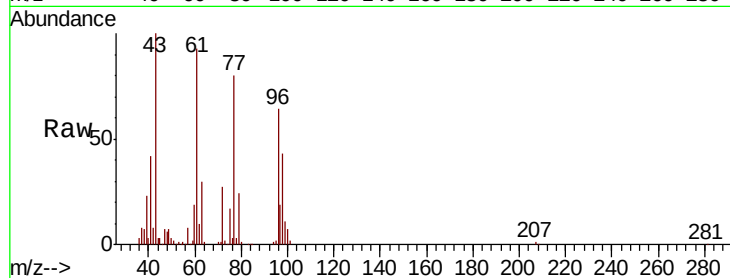
VY0714SBS01

Tot Ion: 43 Resp: 154124

Ion Ratio Lower Upper

43 100

72 27.3 20.9 31.3



#26

2,2-Dichloropropane

Concen: 22.034 ug/l

RT: 6.99 min Scan# 862

Delta R.T. 0.00 min

Lab File: VY003189.D

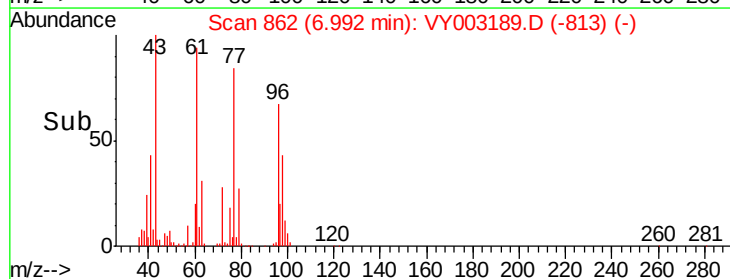
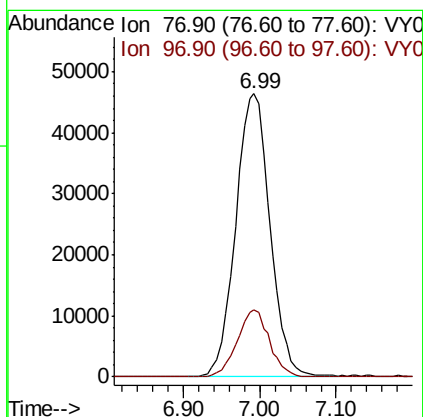
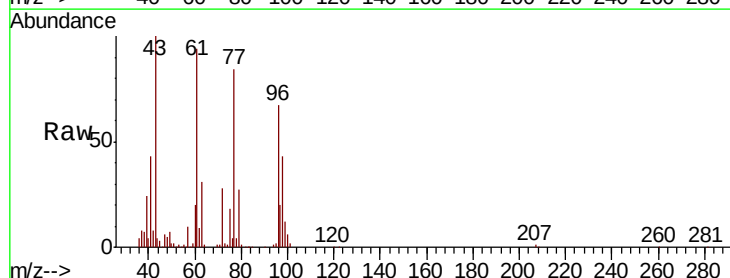
Acq: 14 Jul 2020 12:33

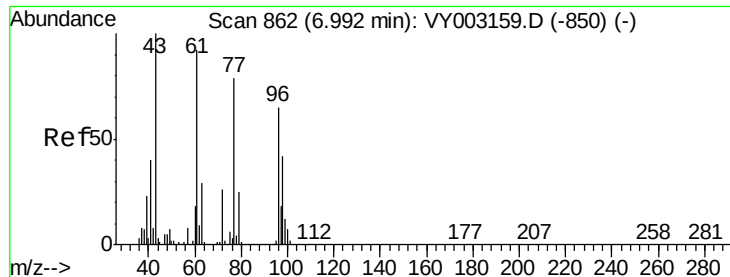
Tgt Ion: 77 Resp: 144157

Ion Ratio Lower Upper

77 100

97 22.3 11.6 34.7



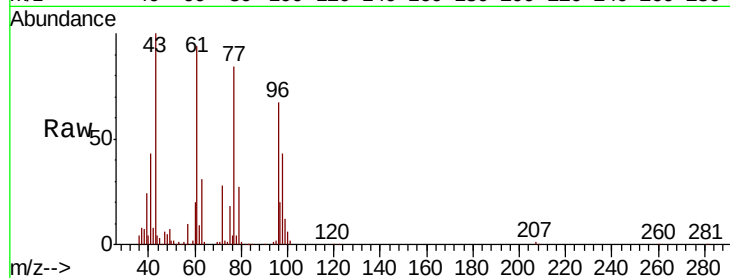


#27

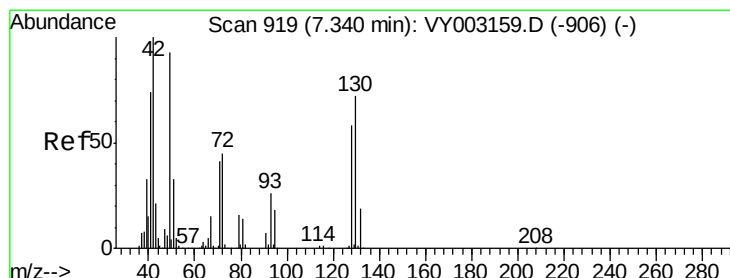
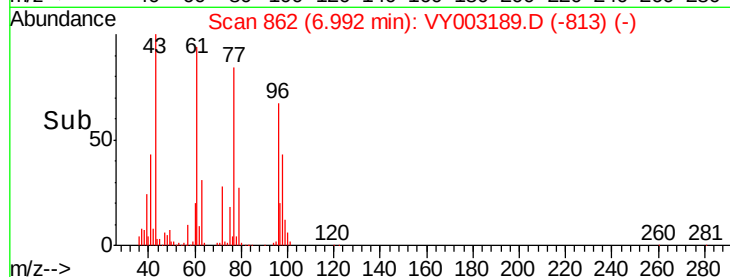
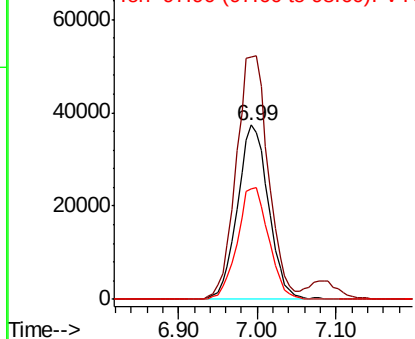
cis-1,2-Dichloroethene
 Concen: 21.594 ug/l
 RT: 6.99 min Scan# 862
 Delta R.T. 0.00 min
 Lab File: VY003189.D
 Acq: 14 Jul 2020 12:33

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0714SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	145.0	0.0	281.2
98	64.7	0.0	129.8



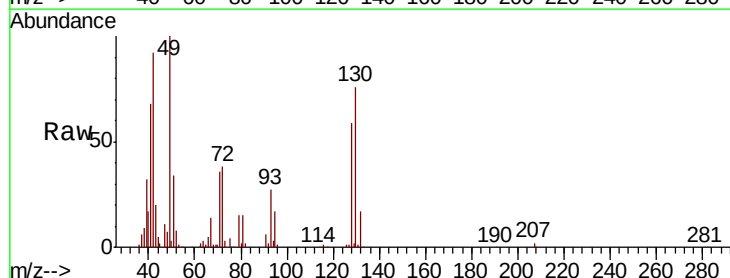
Abundance Ion 95.90 (95.60 to 96.60): VY0
 Ion 60.90 (60.60 to 61.60): VY0
 Ion 97.90 (97.60 to 98.60): VY0



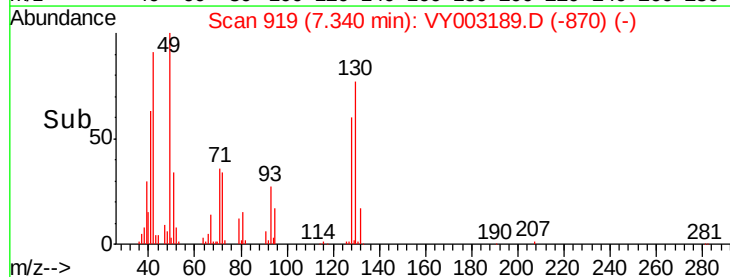
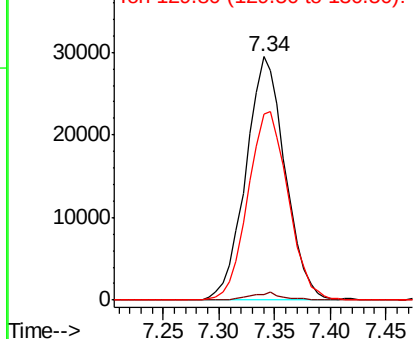
#28

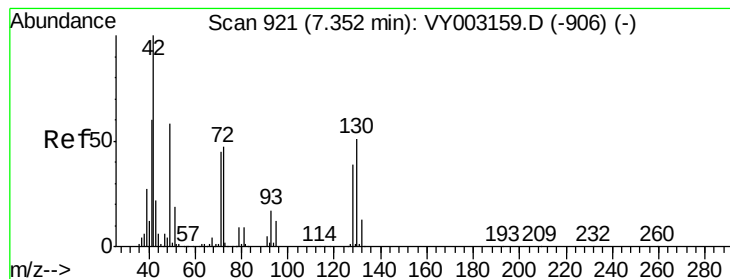
Bromochloromethane
 Concen: 23.065 ug/l
 RT: 7.34 min Scan# 919
 Delta R.T. 0.00 min
 Lab File: VY003189.D
 Acq: 14 Jul 2020 12:33

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	5.0
130	79.4	64.9	97.3



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





#29

Tetrahydrofuran

Concen: 108.750 ug/l

RT: 7.35 min Scan# 921

Delta R.T. 0.00 min

Lab File: VY003189.D

Acq: 14 Jul 2020 12:33

Instrument :

MSVOA_Y

ClientSampleId :

VY0714SBS01

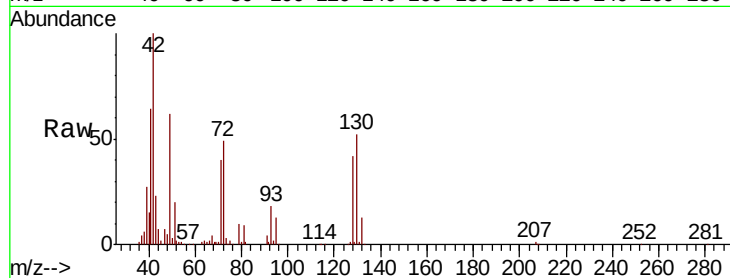
Tot Ion: 42 Resp: 103482

Ion Ratio Lower Upper

42 100

72 45.3 36.7 55.1

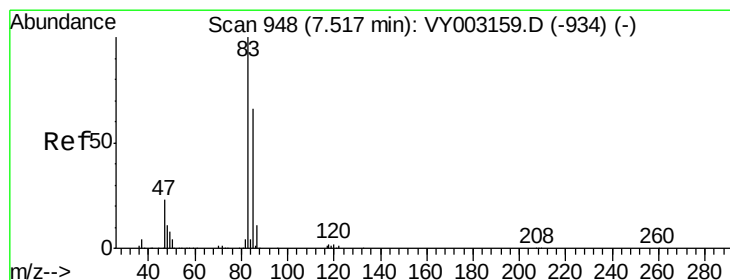
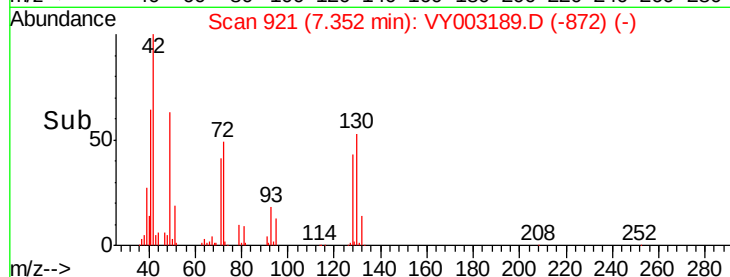
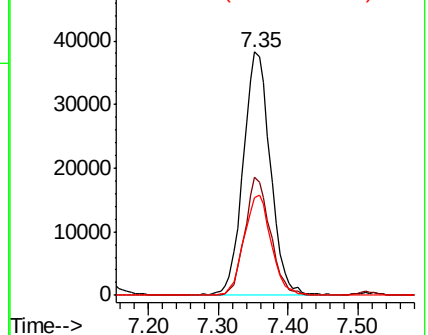
71 40.9 34.2 51.4



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: 21.746 ug/l

RT: 7.52 min Scan# 948

Delta R.T. 0.00 min

Lab File: VY003189.D

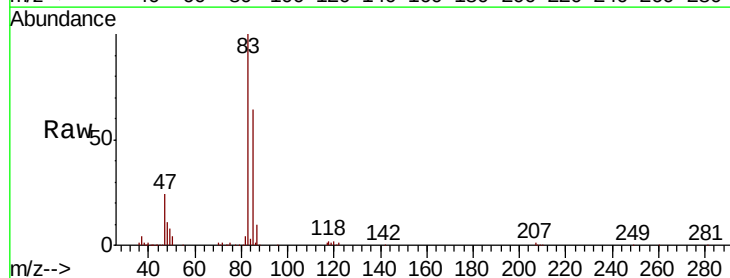
Acq: 14 Jul 2020 12:33

Tgt Ion: 83 Resp: 162713

Ion Ratio Lower Upper

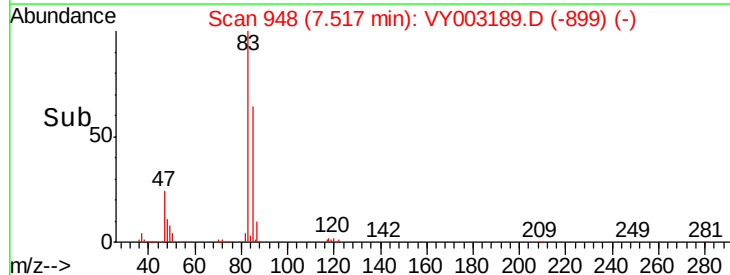
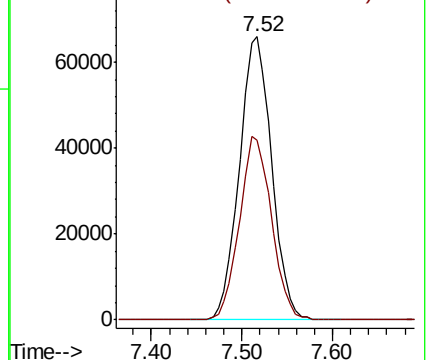
83 100

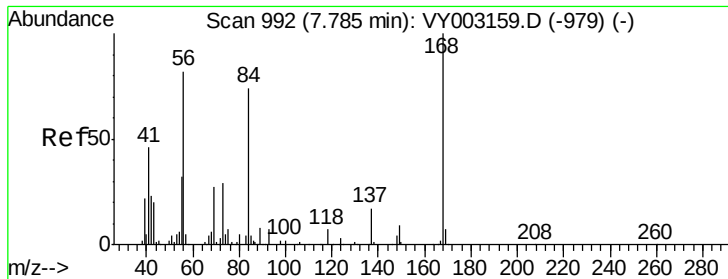
85 63.7 52.6 78.8



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0





#31

Cyclohexane

Concen: 21.806 ug/l

RT: 7.79 min Scan# 993

Delta R.T. 0.01 min

Lab File: VY003189.D

Acq: 14 Jul 2020 12:33

Instrument :

MSVOA_Y

ClientSampleId :

VY0714SBS01

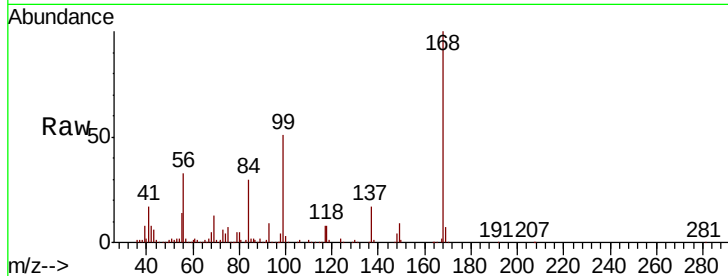
Tot Ion: 56 Resp: 153183

Ion Ratio Lower Upper

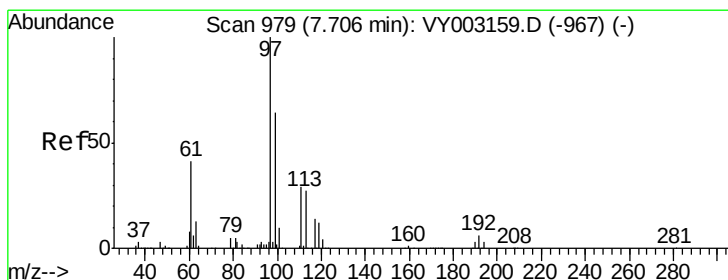
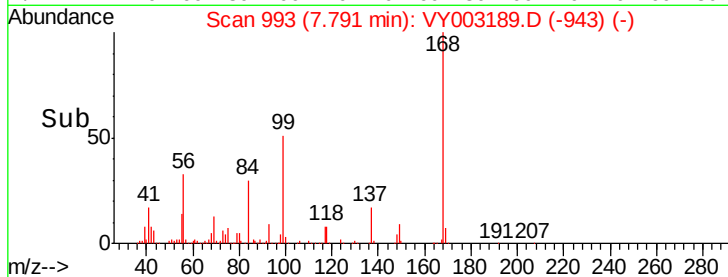
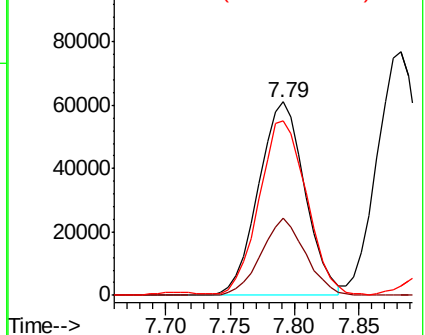
56 100

69 40.2 26.7 40.1#

84 88.5 72.3 108.5



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



#32

1,1,1-Trichloroethane

Concen: 21.660 ug/l

RT: 7.71 min Scan# 980

Delta R.T. 0.01 min

Lab File: VY003189.D

Acq: 14 Jul 2020 12:33

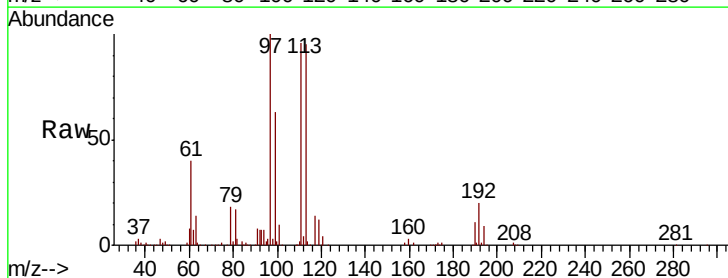
Tgt Ion: 97 Resp: 145904

Ion Ratio Lower Upper

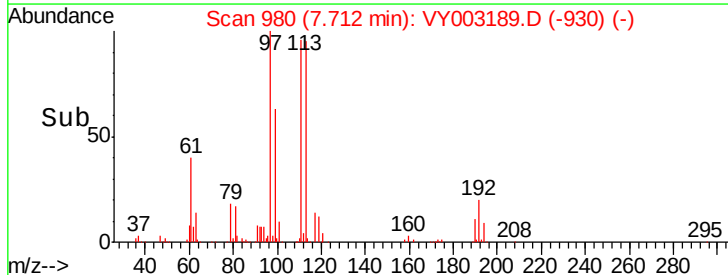
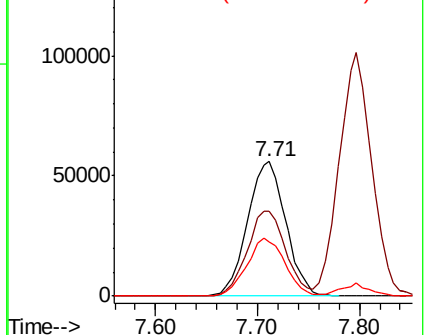
97 100

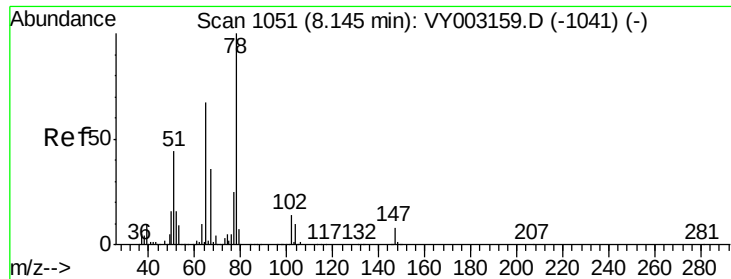
99 64.0 52.1 78.1

61 42.9 33.9 50.9



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

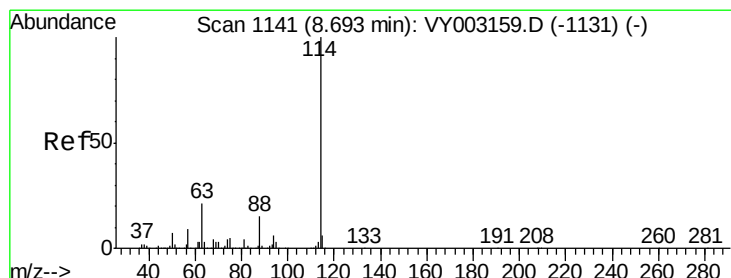
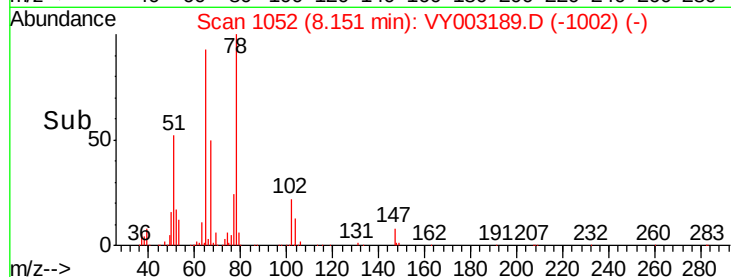
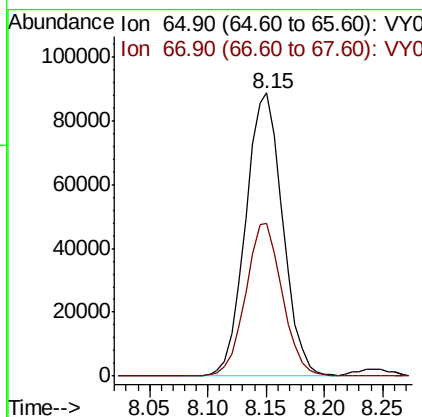
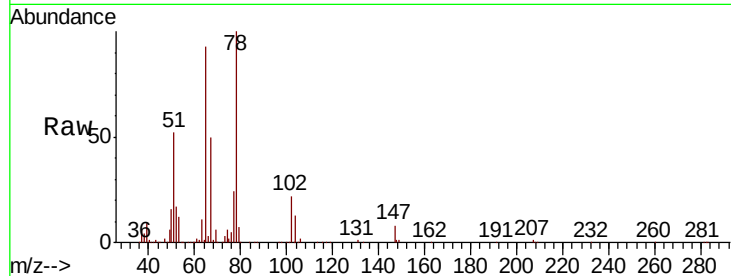




#33
 1,2-Dichloroethane-d4
 Concen: 51.015 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.01 min
 Lab File: VY003189.D
 Acq: 14 Jul 2020 12:33

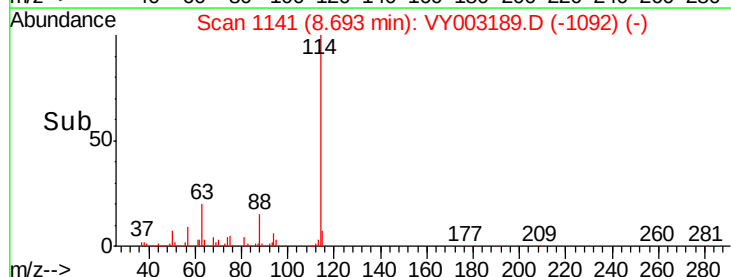
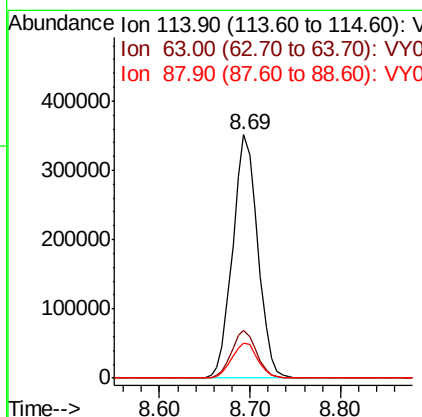
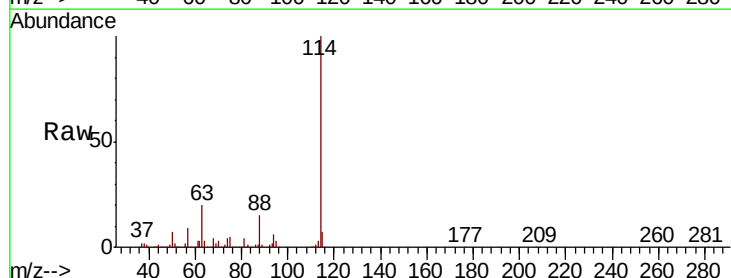
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0714SBS01

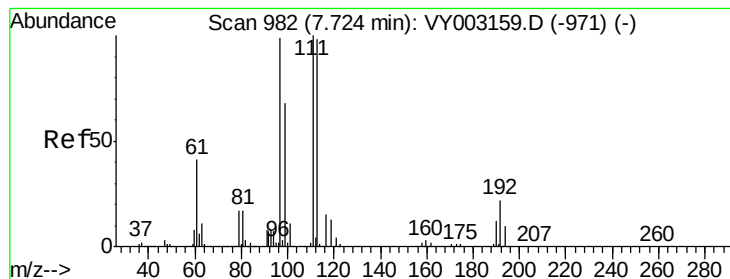
Tot Ion: 65 Resp: 197029
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY003189.D
 Acq: 14 Jul 2020 12:33

Tgt Ion: 114 Resp: 672662
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 41.2
 88 14.6 0.0 30.2





#35

Dibromofluoromethane

Concen: 48.405 ug/l

RT: 7.72 min Scan# 982

Delta R.T. 0.00 min

Lab File: VY003189.D

Acq: 14 Jul 2020 12:33

Instrument :

MSVOA_Y

ClientSampleId :

VY0714SBS01

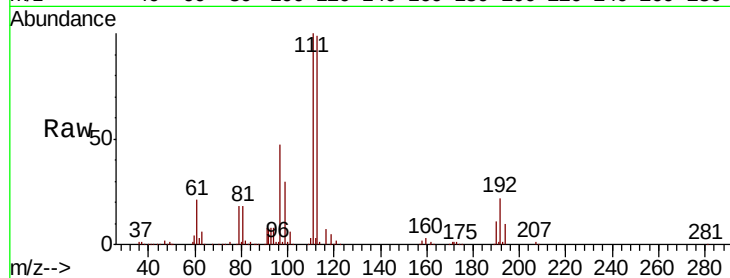
Tot Ion:113 Resp: 187377

Ion Ratio Lower Upper

113 100

111 102.8 82.1 123.1

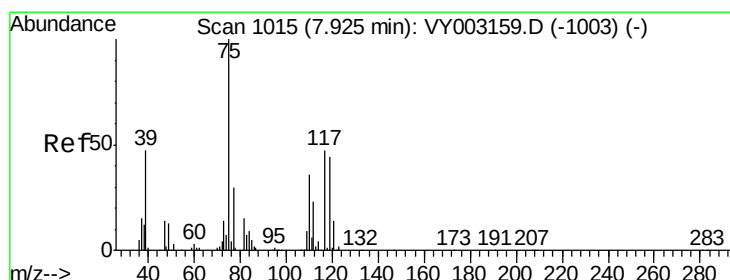
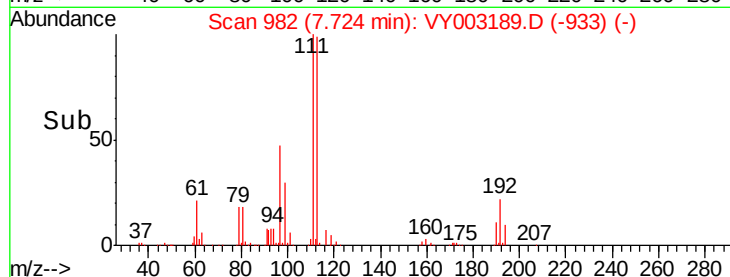
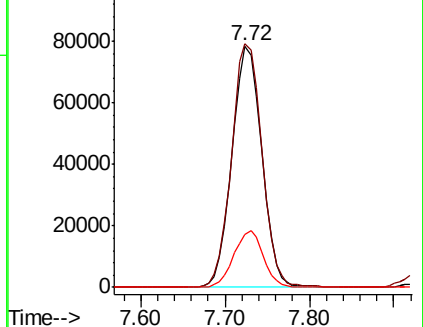
192 23.1 18.8 28.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 20.864 ug/l

RT: 7.93 min Scan# 1015

Delta R.T. 0.00 min

Lab File: VY003189.D

Acq: 14 Jul 2020 12:33

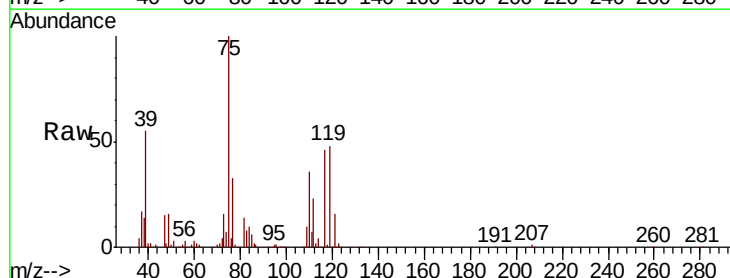
Tgt Ion: 75 Resp: 127200

Ion Ratio Lower Upper

75 100

110 35.7 18.1 54.1

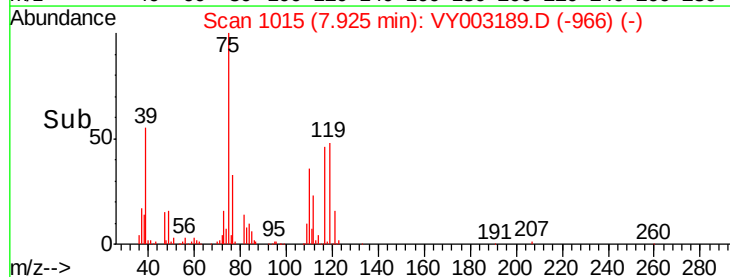
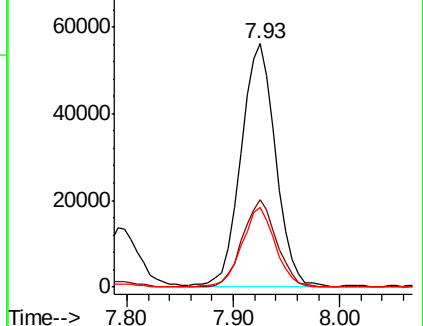
77 31.9 24.8 37.2

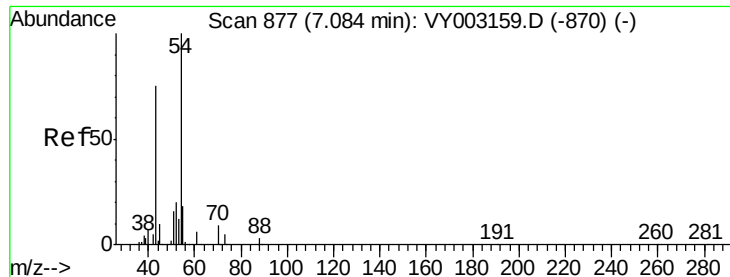


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0





#37

Ethyl Acetate

Concen: 22.297 ug/l

RT: 7.08 min Scan# 877

Delta R.T. 0.00 min

Lab File: VY003189.D

Acq: 14 Jul 2020 12:33

Instrument :

MSVOA_Y

ClientSampleId :

VY0714SBS01

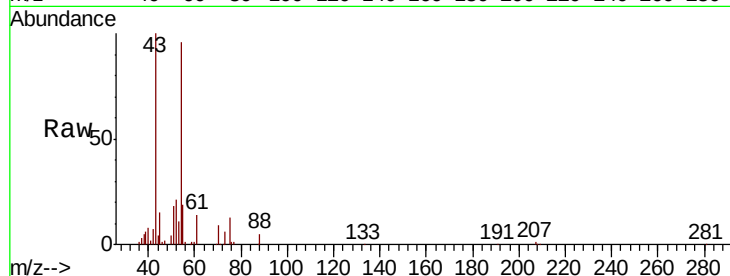
Tot Ion: 43 Resp: 73206

Ion Ratio Lower Upper

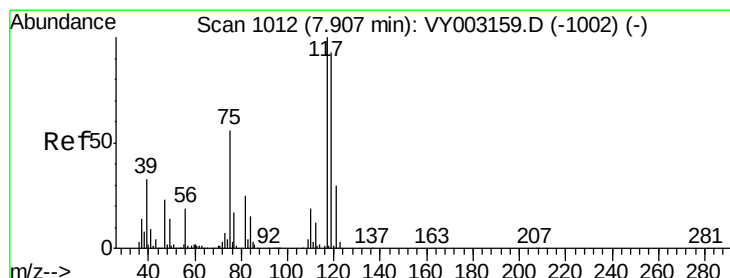
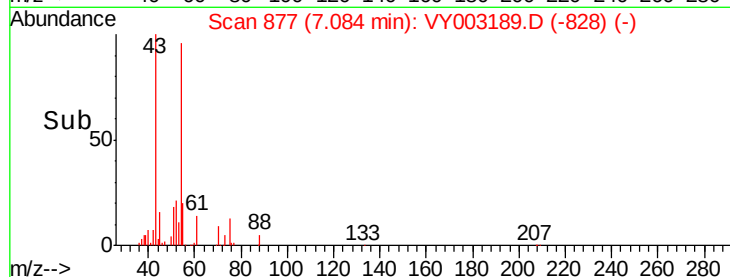
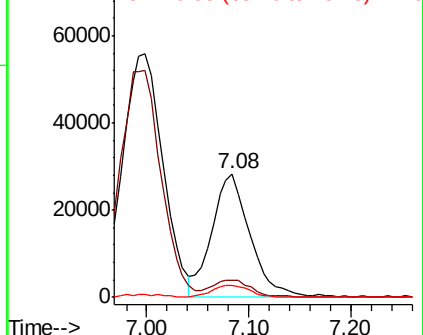
43 100

61 14.3 11.8 17.6

70 9.9 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 70.00 (69.70 to 70.70): VY0



#38

Carbon Tetrachloride

Concen: 20.876 ug/l

RT: 7.91 min Scan# 1012

Delta R.T. 0.00 min

Lab File: VY003189.D

Acq: 14 Jul 2020 12:33

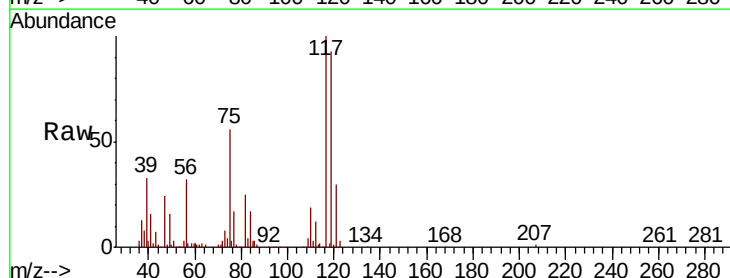
Tgt Ion: 117 Resp: 131392

Ion Ratio Lower Upper

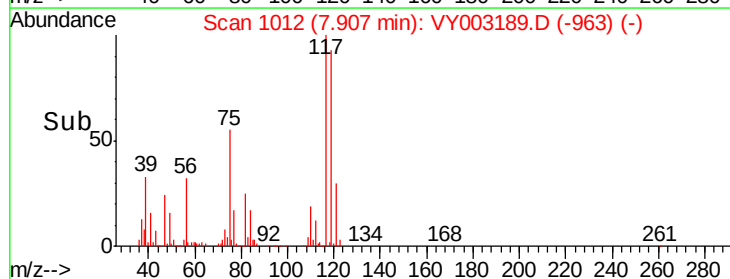
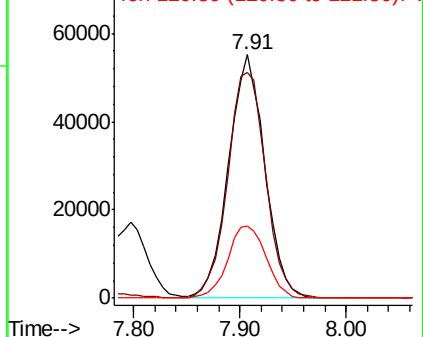
117 100

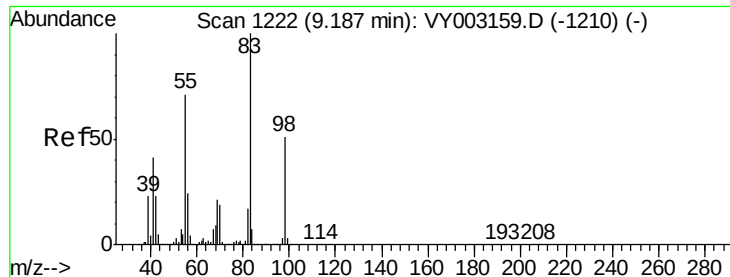
119 92.8 74.5 111.7

121 29.8 24.2 36.2



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

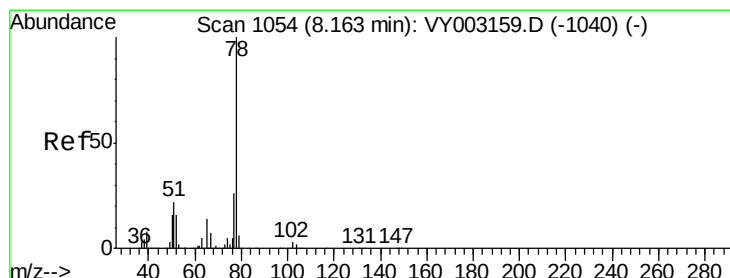
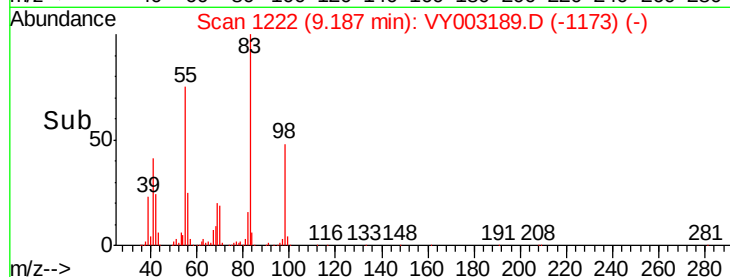
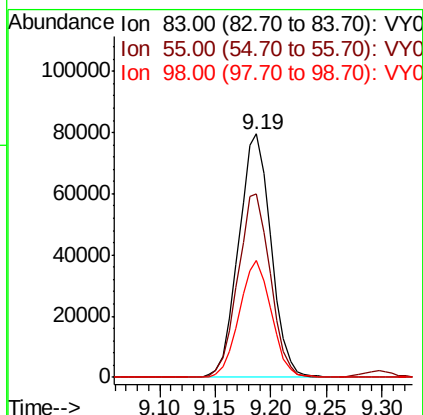
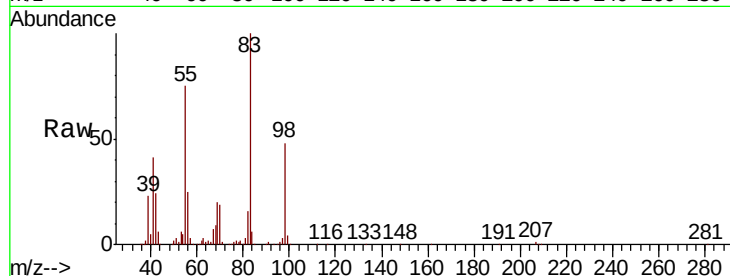




#39
Methylvlcyclohexane
Concen: 21.000 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY003189.D
Acq: 14 Jul 2020 12:33

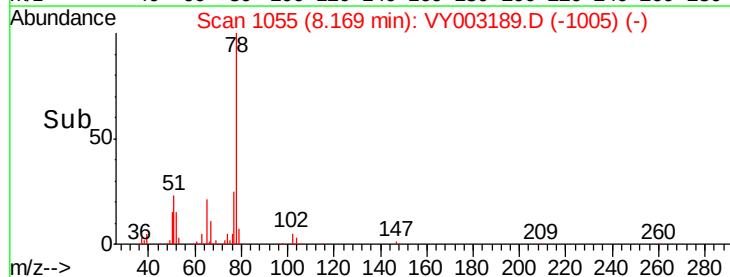
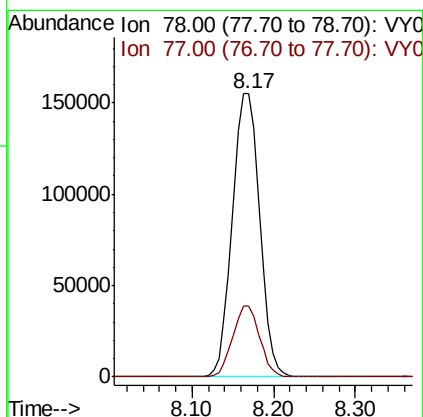
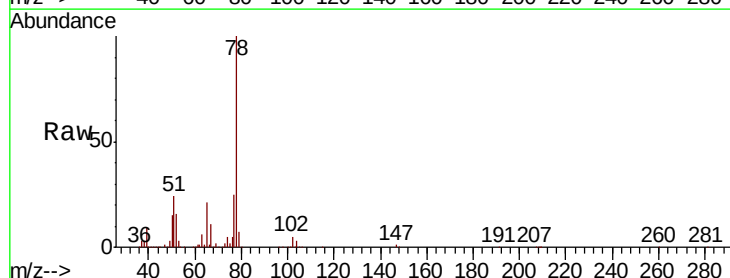
Instrument :
MSVOA_Y
ClientSampleId :
VY0714SBS01

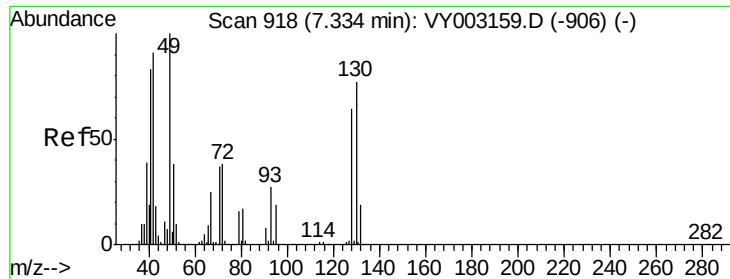
Tot Ion: 83 Resp: 160834
Ion Ratio Lower Upper
83 100
55 75.2 57.2 85.8
98 47.8 41.0 61.6



#40
Benzene
Concen: 21.380 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. 0.01 min
Lab File: VY003189.D
Acq: 14 Jul 2020 12:33

Tgt Ion: 78 Resp: 358902
Ion Ratio Lower Upper
78 100
77 25.2 20.7 31.1





#41

Methacrylonitrile

Concen: 48.945 ug/l

RT: 7.35 min Scan# 921

Delta R.T. 0.02 min

Lab File: VY003189.D

Acq: 14 Jul 2020 12:33

Instrument :

MSVOA_Y

ClientSampleId :

VY0714SBS01

Tot Ion: 41 Resp: 96781

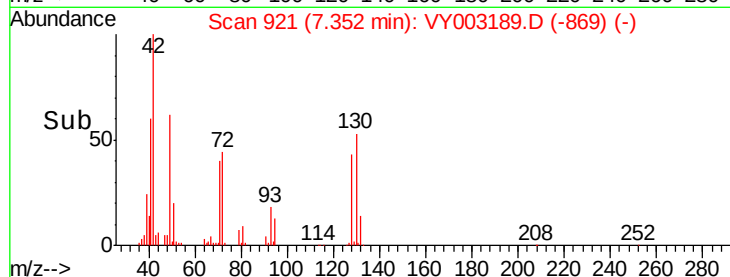
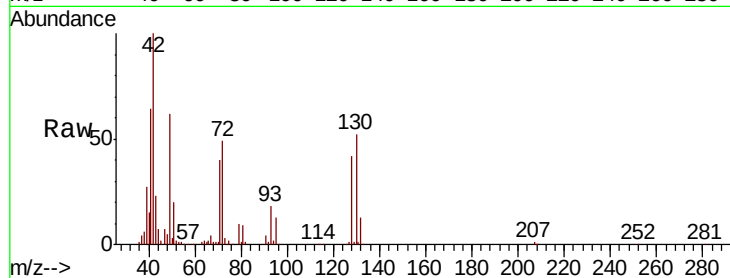
Ion Ratio Lower Upper

41 100

39 47.4 83.3 124.9#

67 0.0 0.0 0.0

52 0.0 0.0 0.0

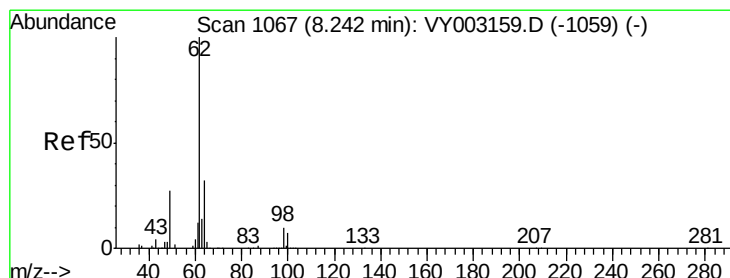
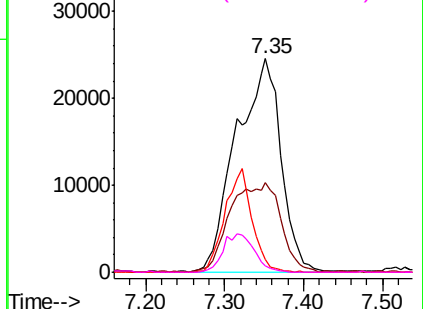


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 67.00 (66.70 to 67.70): VY0

Ion 52.00 (51.70 to 52.70): VY0



#42

1,2-Dichloroethane

Concen: 21.211 ug/l

RT: 8.24 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VY003189.D

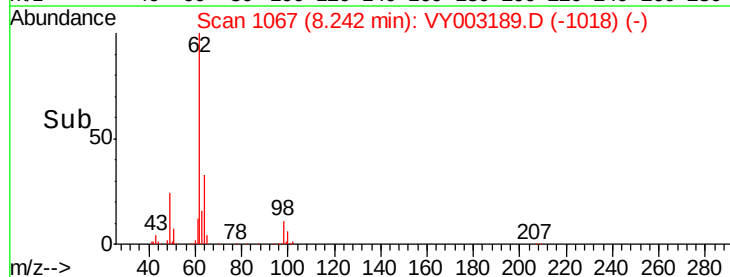
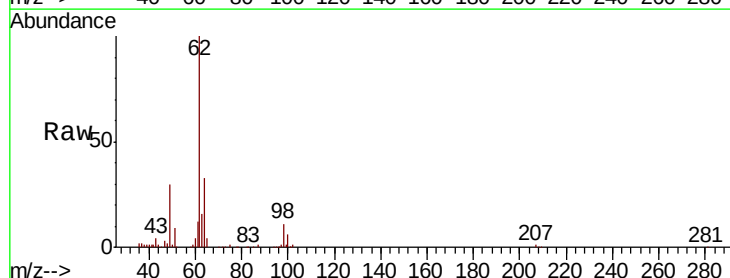
Acq: 14 Jul 2020 12:33

Tgt Ion: 62 Resp: 109619

Ion Ratio Lower Upper

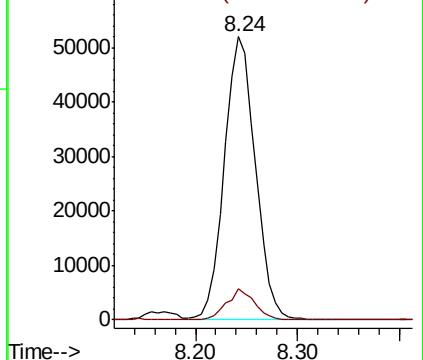
62 100

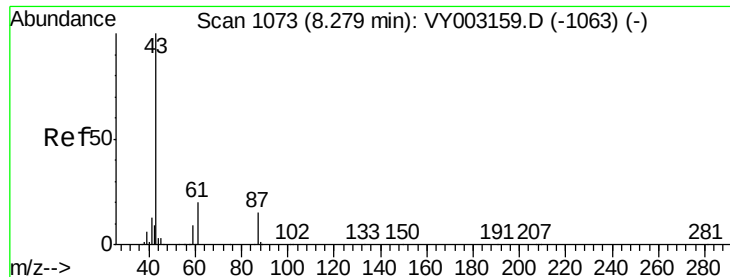
98 9.9 0.0 19.0



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 97.90 (97.60 to 98.60): VY0





#43

Isopropyl Acetate

Concen: 21.106 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. 0.00 min

Lab File: VY003189.D

Acq: 14 Jul 2020 12:33

Instrument :

MSVOA_Y

ClientSampleId :

VY0714SBS01

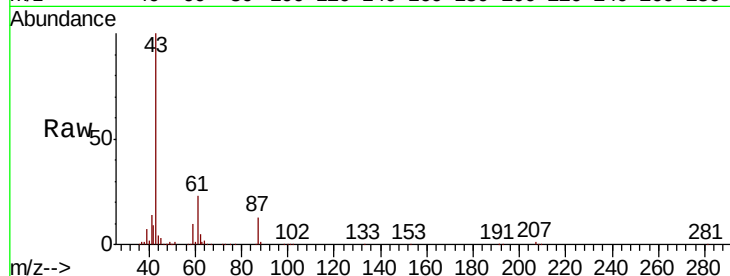
Tot Ion: 43 Resp: 134127

Ion Ratio Lower Upper

43 100

61 30.7 23.7 35.5

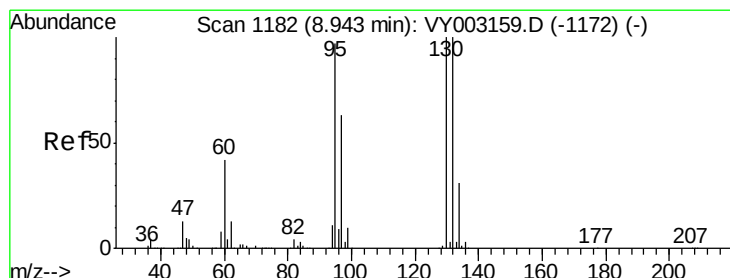
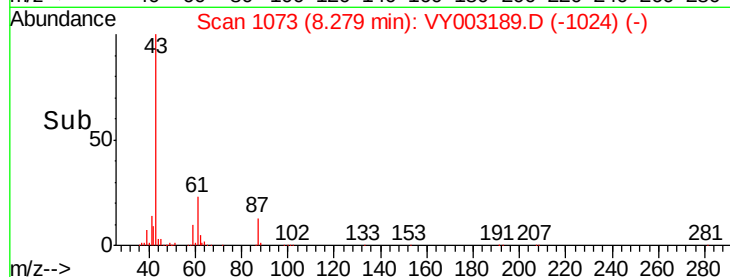
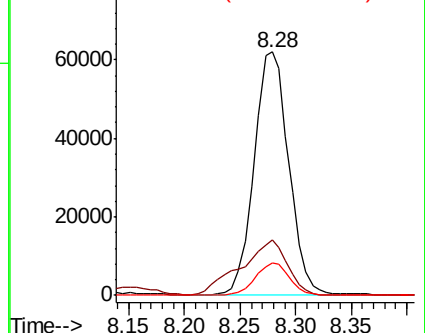
87 13.0 11.4 17.0



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: 20.119 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VY003189.D

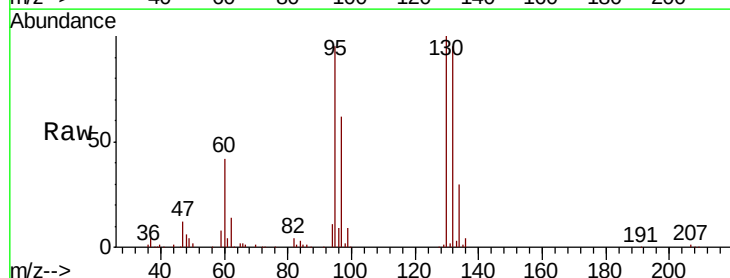
Acq: 14 Jul 2020 12:33

Tgt Ion:130 Resp: 103534

Ion Ratio Lower Upper

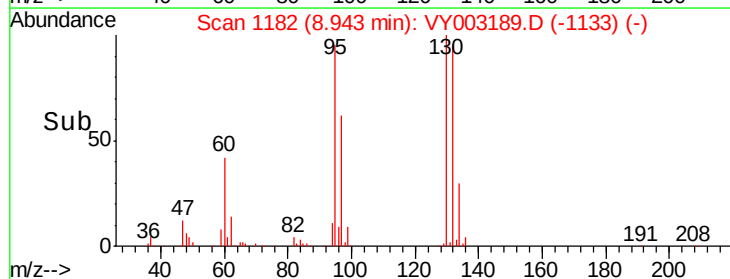
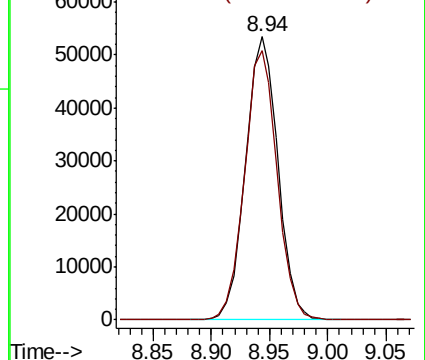
130 100

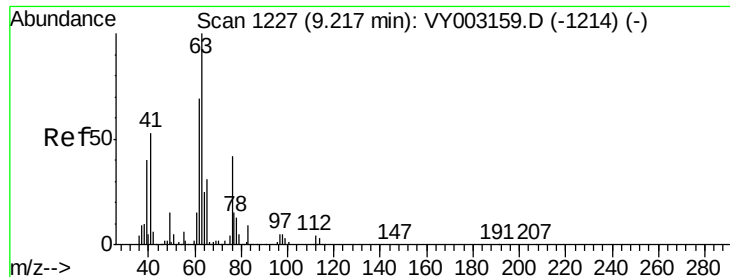
95 95.1 0.0 193.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VY0





#45

1,2-Dichloropropane

Concen: 21.533 ug/l

RT: 9.22 min Scan# 1227

Delta R.T. 0.00 min

Lab File: VY003189.D

Acq: 14 Jul 2020 12:33

Instrument :

MSVOA_Y

ClientSampleId :

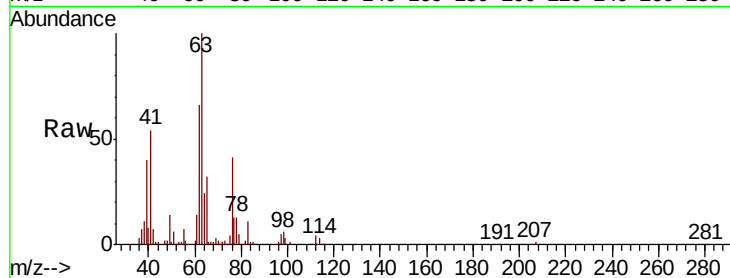
VY0714SBS01

Tot Ion: 63 Resp: 93531

Ion Ratio Lower Upper

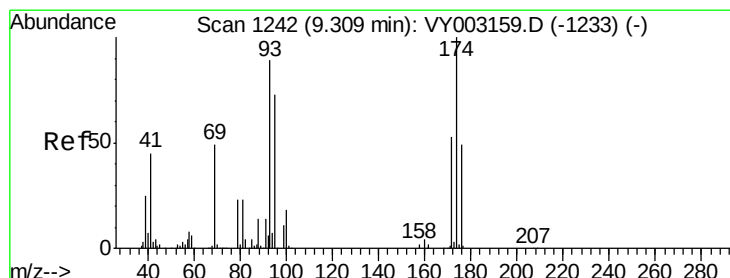
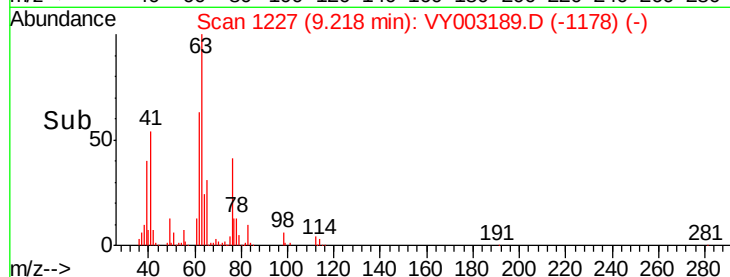
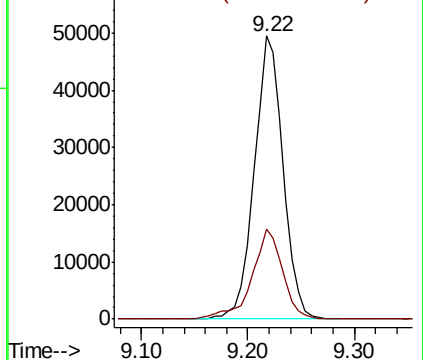
63 100

65 31.6 25.0 37.4



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 64.90 (64.60 to 65.60): VY0



#46

Dibromomethane

Concen: 20.815 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. 0.00 min

Lab File: VY003189.D

Acq: 14 Jul 2020 12:33

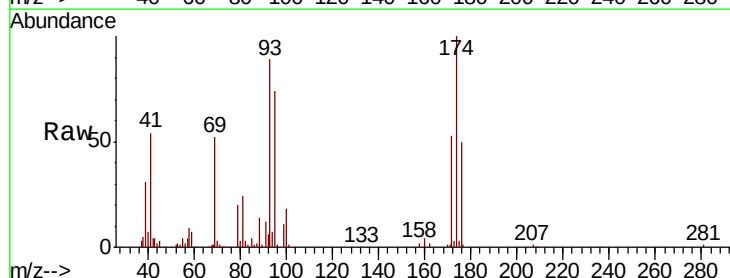
Tgt Ion: 93 Resp: 52807

Ion Ratio Lower Upper

93 100

95 83.3 66.6 99.8

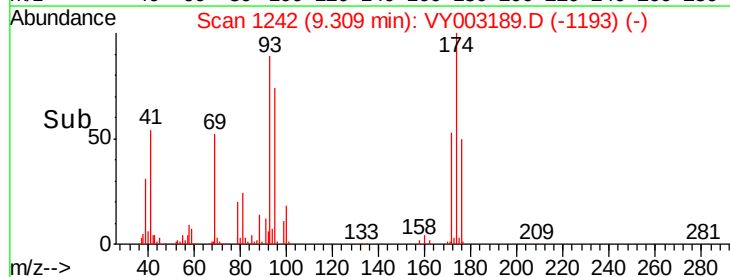
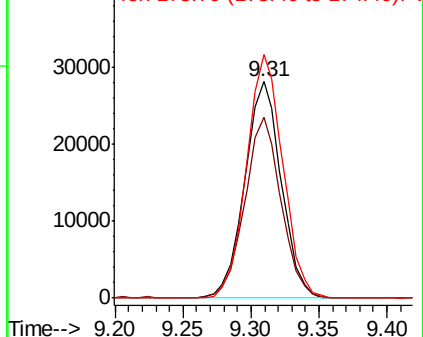
174 112.3 90.2 135.4

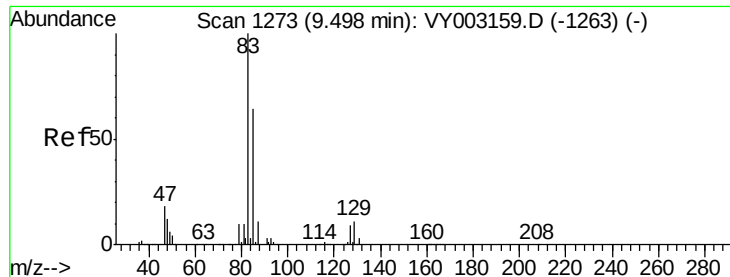


Abundance Ion 92.80 (92.50 to 93.50): VY0

Ion 94.80 (94.50 to 95.50): VY0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 21.193 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VY003189.D

Acq: 14 Jul 2020 12:33

Instrument :

MSVOA_Y

ClientSampleId :

VY0714SBS01

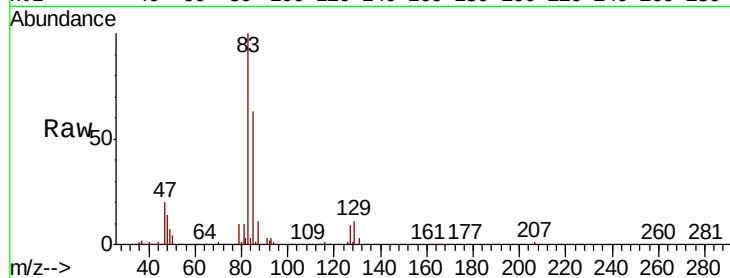
Tot Ion: 83 Resp: 127874

Ion Ratio Lower Upper

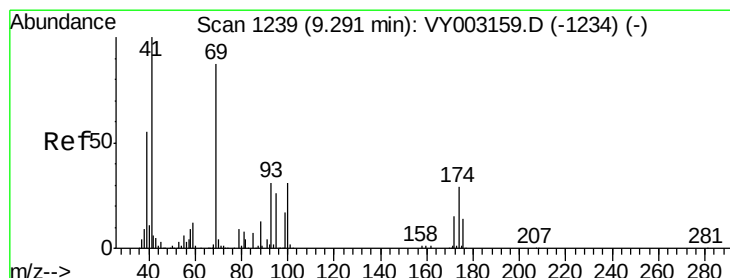
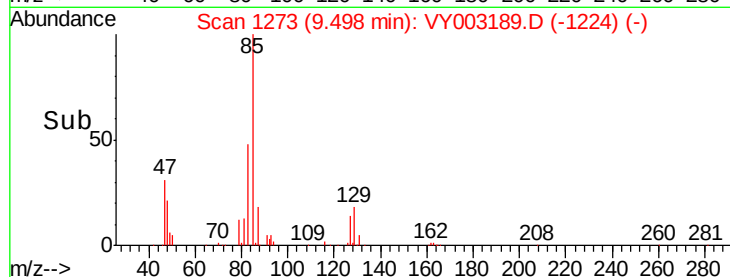
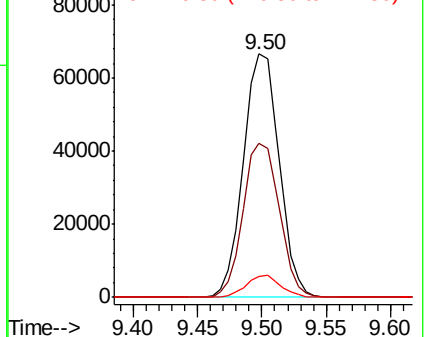
83 100

85 63.4 50.9 76.3

127 8.7 7.0 10.4



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



#48

Methyl methacrylate

Concen: 21.266 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. 0.01 min

Lab File: VY003189.D

Acq: 14 Jul 2020 12:33

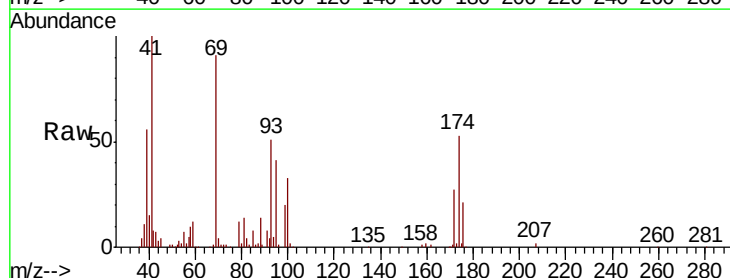
Tgt Ion: 41 Resp: 60418

Ion Ratio Lower Upper

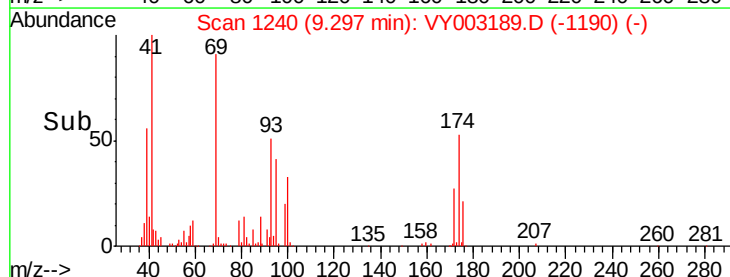
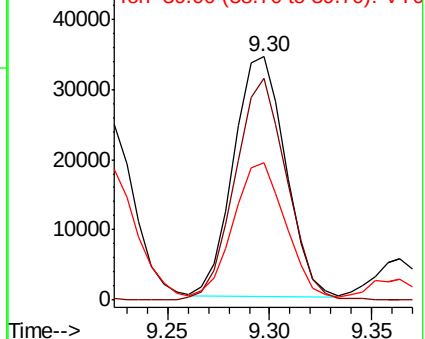
41 100

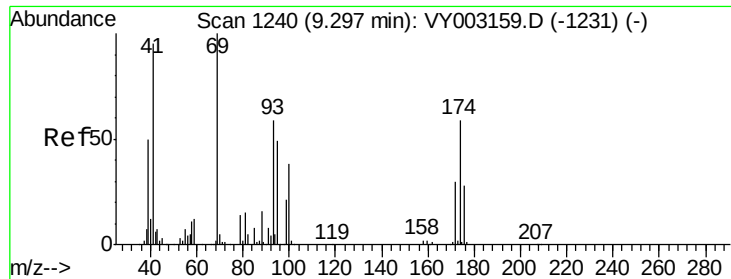
69 92.0 74.5 111.7

39 55.9 47.5 71.3



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: 405.395 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VY003189.D

Acq: 14 Jul 2020 12:33

Instrument :
MSVOA_Y
ClientSampleId :
VY0714SBS01

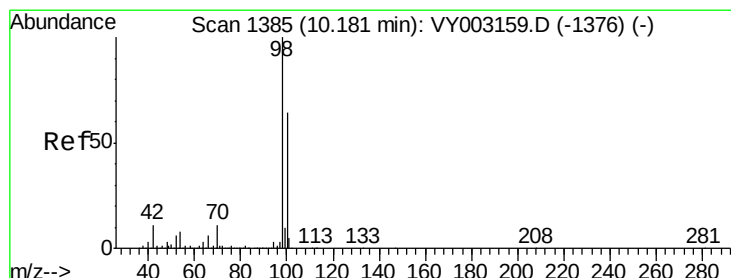
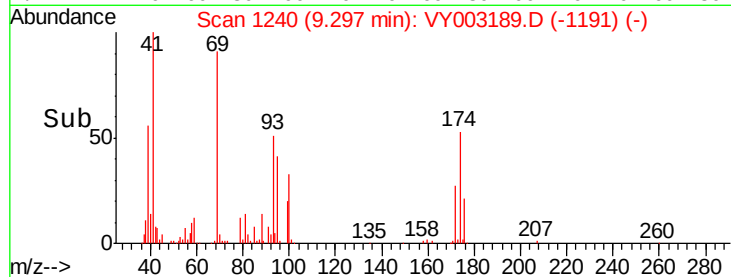
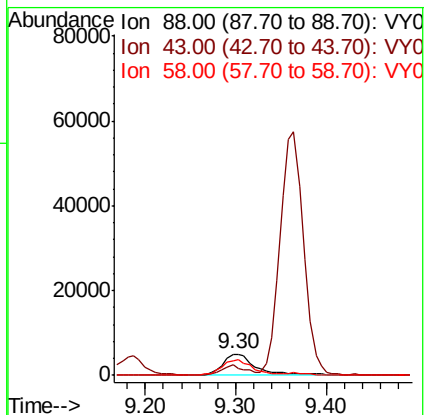
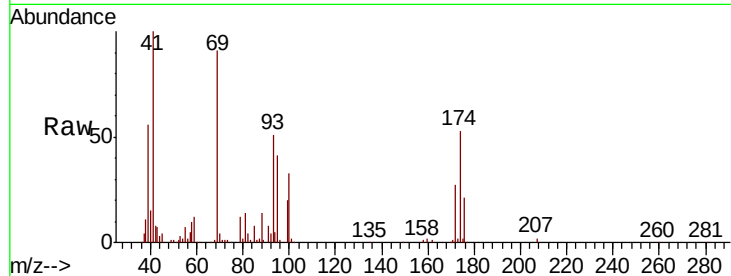
Tot Ion: 88 Resp: 13053

Ion Ratio Lower Upper

88 100

43 30.8 25.6 38.4

58 65.9 47.8 71.6



#50

Toluene-d8

Concen: 48.624 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY003189.D

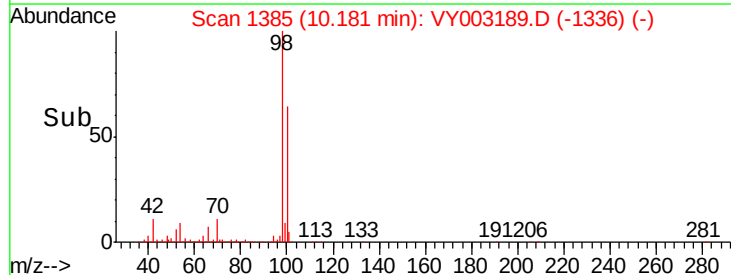
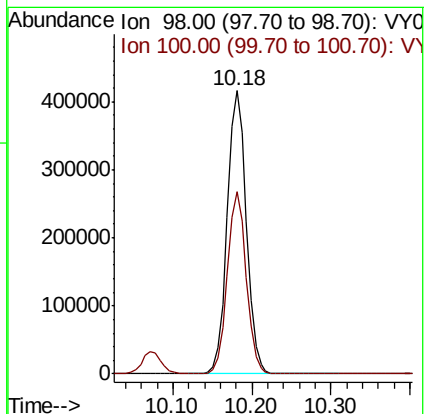
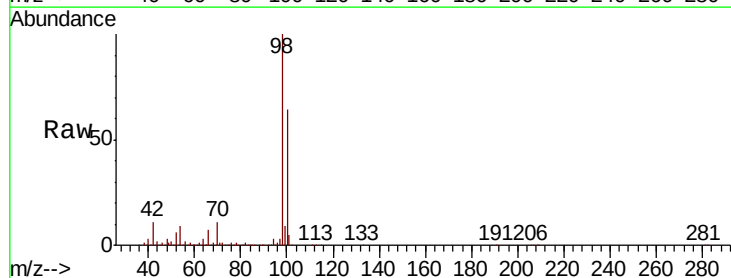
Acq: 14 Jul 2020 12:33

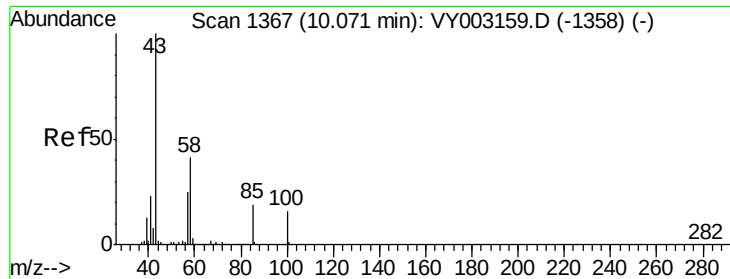
Tgt Ion: 98 Resp: 699792

Ion Ratio Lower Upper

98 100

100 63.5 50.7 76.1

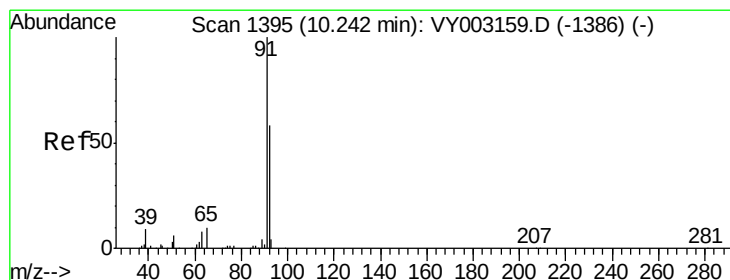
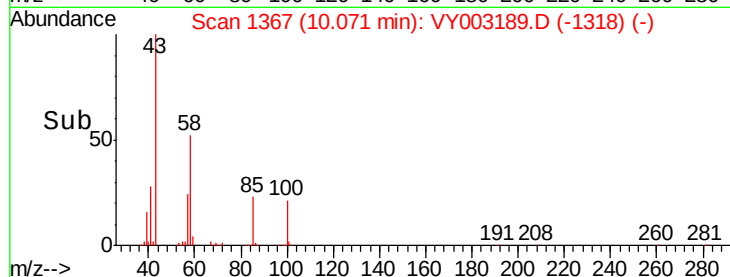
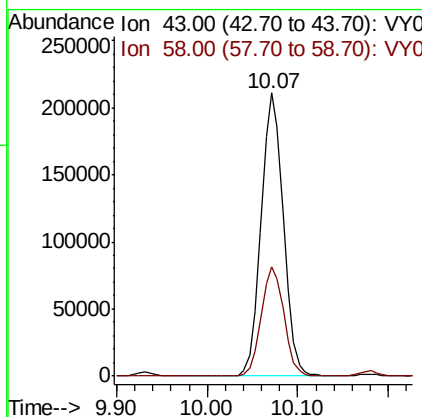
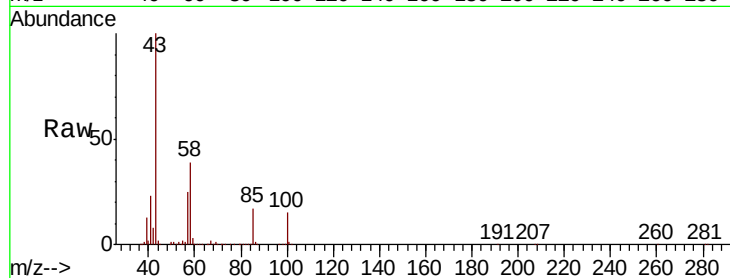




#51
4-Methyl-2-Pentanone
Concen: 108.263 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VY003189.D
Acq: 14 Jul 2020 12:33

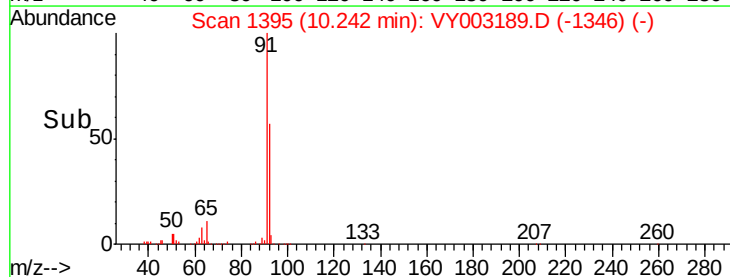
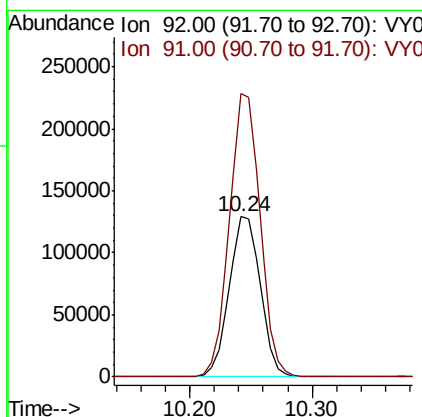
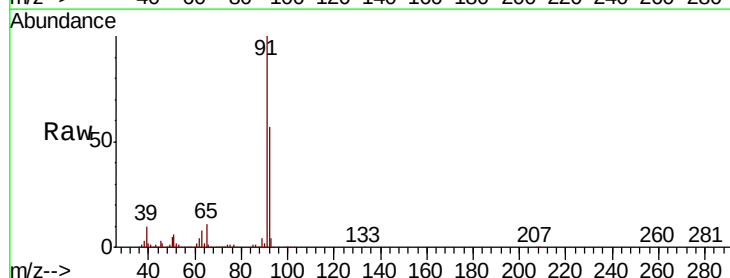
Instrument :
MSVOA_Y
ClientSampleId :
VY0714SBS01

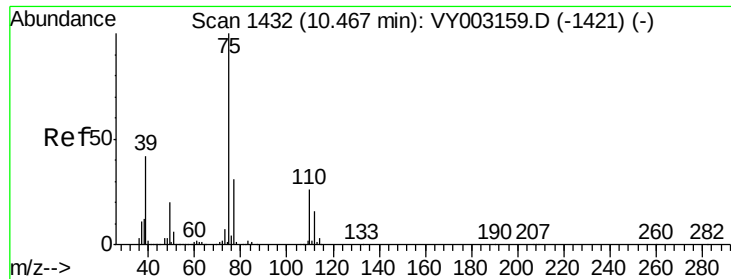
Tot Ion: 43 Resp: 357609
Ion Ratio Lower Upper
43 100
58 39.3 32.7 49.1



#52
Toluene
Concen: 21.135 ug/l
RT: 10.24 min Scan# 1395
Delta R.T. 0.00 min
Lab File: VY003189.D
Acq: 14 Jul 2020 12:33

Tgt Ion: 92 Resp: 226766
Ion Ratio Lower Upper
92 100
91 174.5 139.7 209.5





#53

t-1,3-Dichloropropene

Concen: 21.243 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VY003189.D

Acq: 14 Jul 2020 12:33

Instrument :

MSVOA_Y

ClientSampleId :

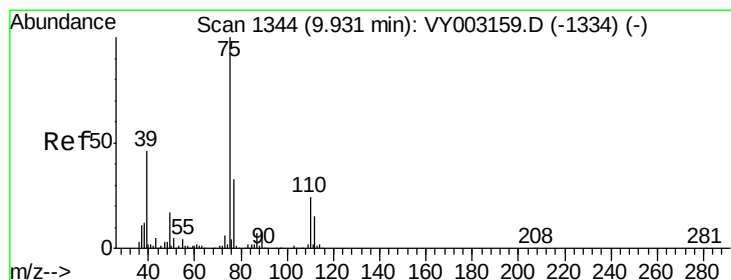
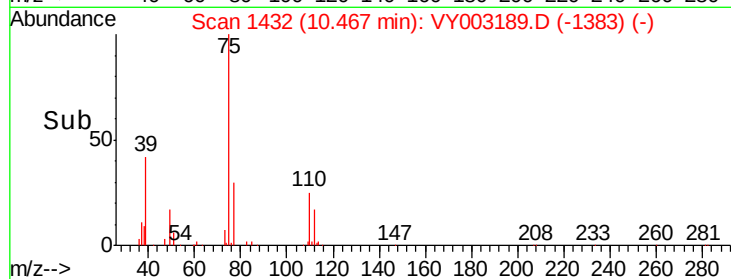
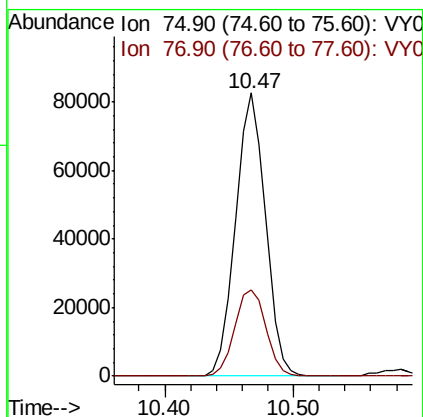
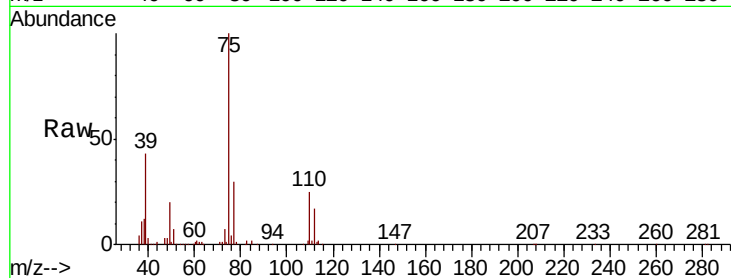
VY0714SBS01

Tot Ion: 75 Resp: 132803

Ion Ratio Lower Upper

75 100

77 30.3 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 21.117 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. 0.00 min

Lab File: VY003189.D

Acq: 14 Jul 2020 12:33

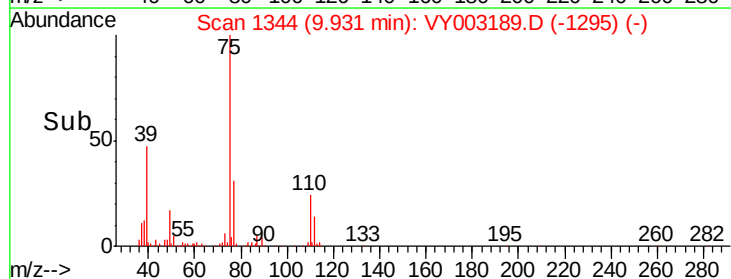
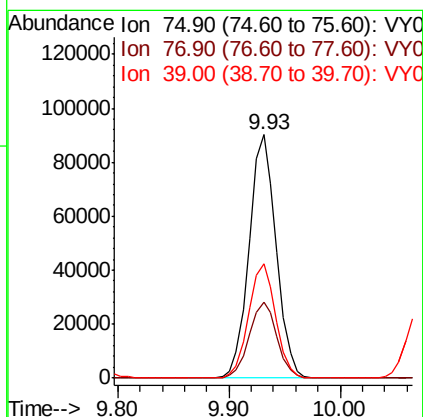
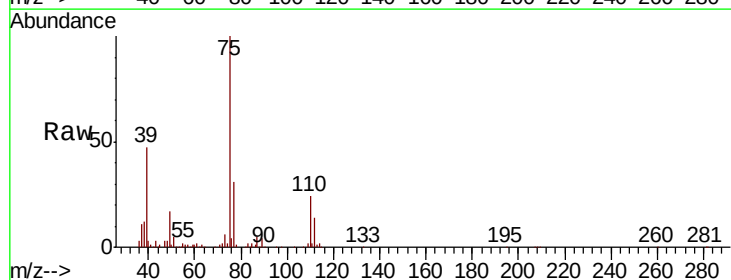
Tgt Ion: 75 Resp: 152104

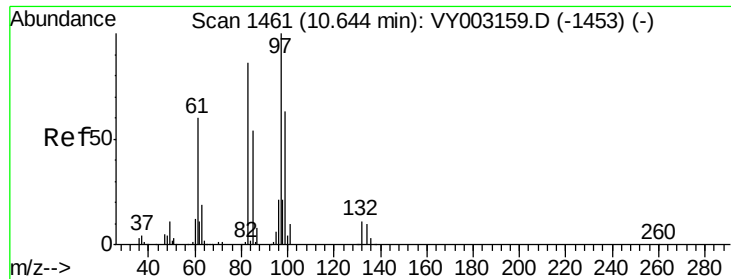
Ion Ratio Lower Upper

75 100

77 31.3 26.7 40.1

39 46.6 37.0 55.6

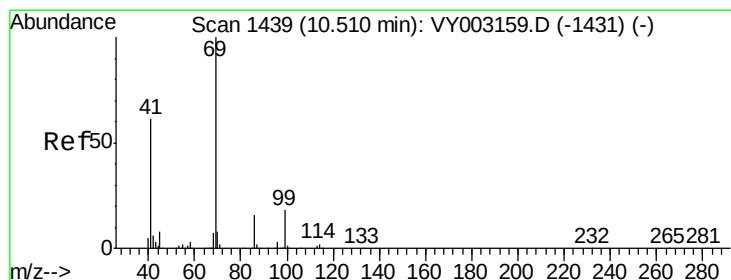
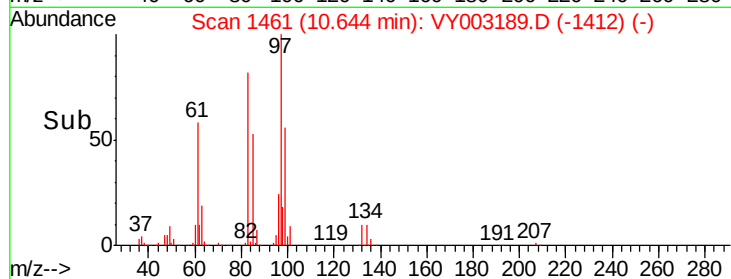
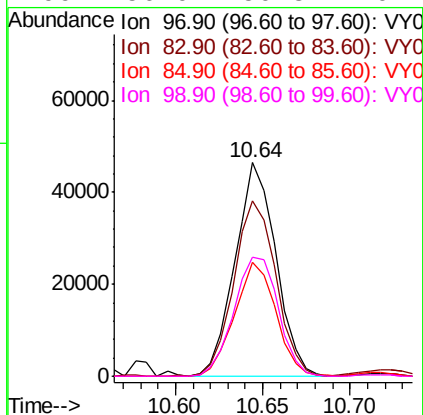
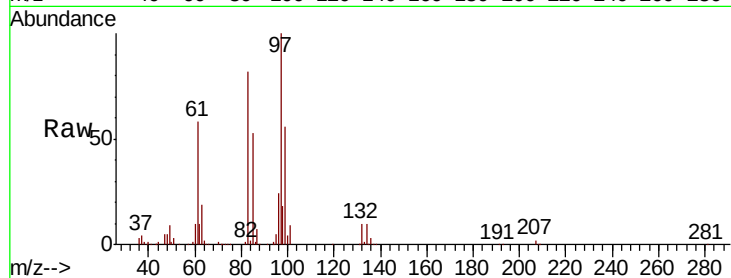




#55
 1,1,2-Trichloroethane
 Concen: 20.996 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY003189.D
 Acq: 14 Jul 2020 12:33

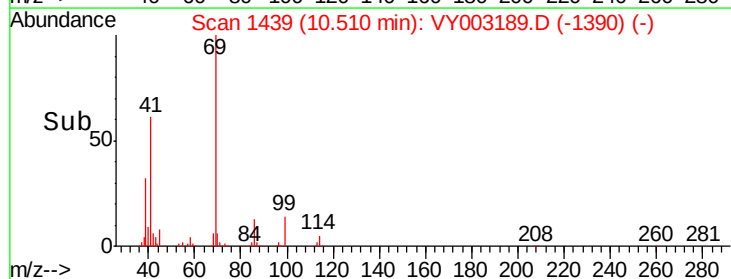
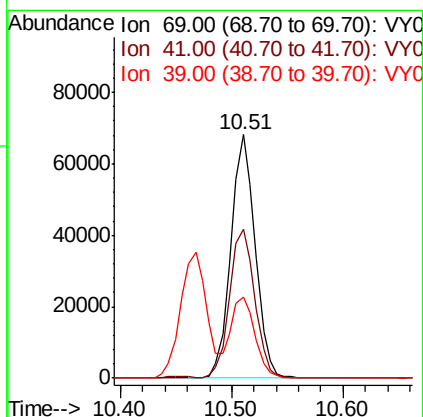
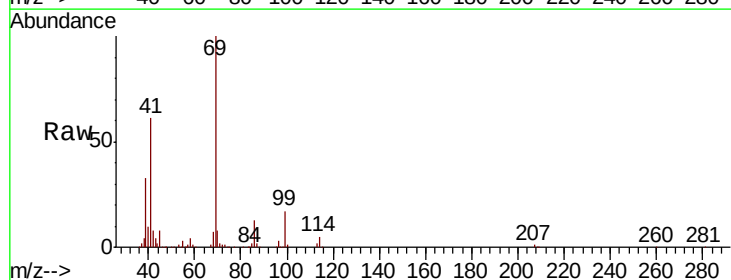
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0714SBS01

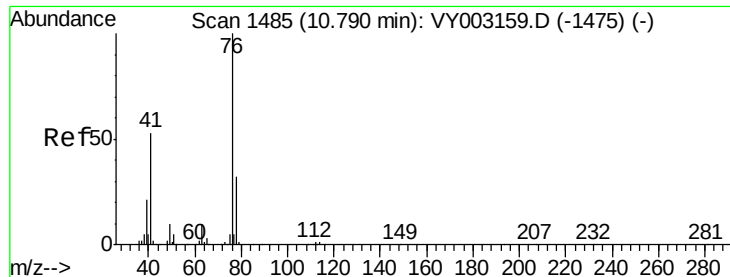
Tot Ion: 97 Resp: 75480
 Ion Ratio Lower Upper
 97 100
 83 81.8 68.8 103.2
 85 53.2 43.1 64.7
 99 56.0 50.8 76.2



#56
 Ethyl methacrylate
 Concen: 21.048 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY003189.D
 Acq: 14 Jul 2020 12:33

Tgt Ion: 69 Resp: 102872
 Ion Ratio Lower Upper
 69 100
 41 62.9 50.0 75.0
 39 34.9 27.6 41.4





#57

1,3-Dichloropropane

Concen: 21.018 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VY003189.D

Acq: 14 Jul 2020 12:33

Instrument :

MSVOA_Y

ClientSampleId :

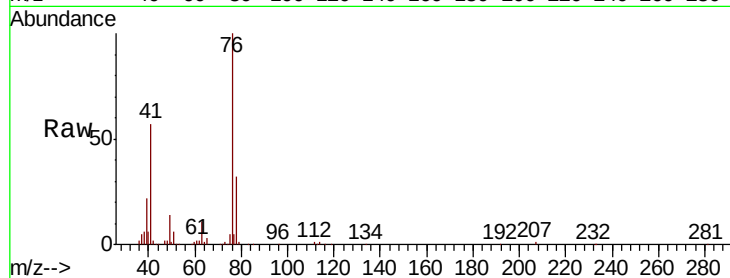
VY0714SBS01

Tot Ion: 76 Resp: 128113

Ion Ratio Lower Upper

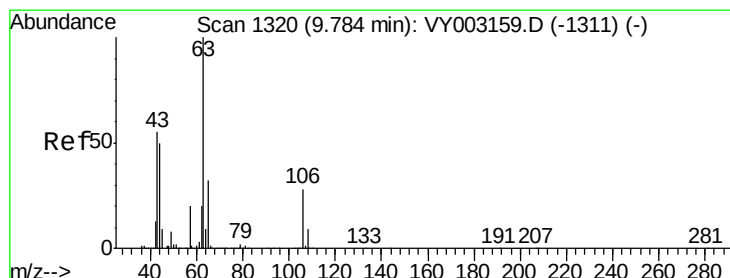
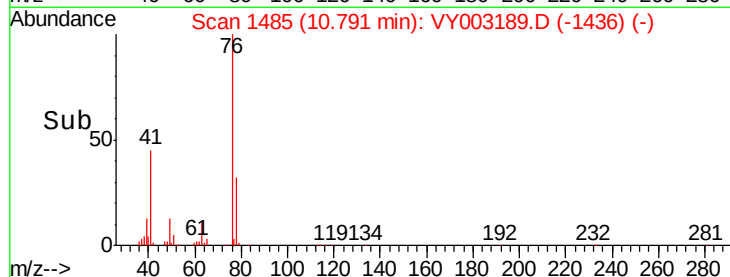
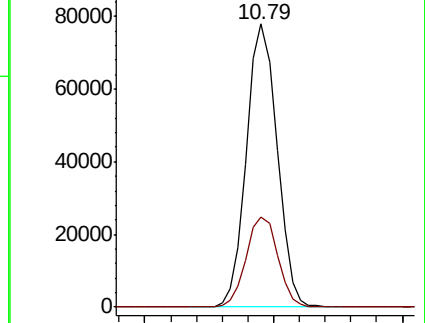
76 100

78 33.0 26.0 39.0



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#58

2-Chloroethyl Vinyl ether

Concen: 104.798 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. 0.00 min

Lab File: VY003189.D

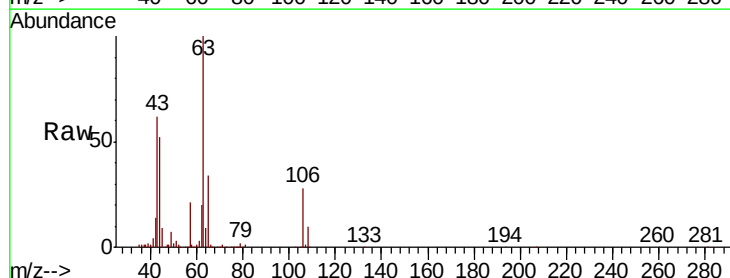
Acq: 14 Jul 2020 12:33

Tgt Ion: 63 Resp: 261221

Ion Ratio Lower Upper

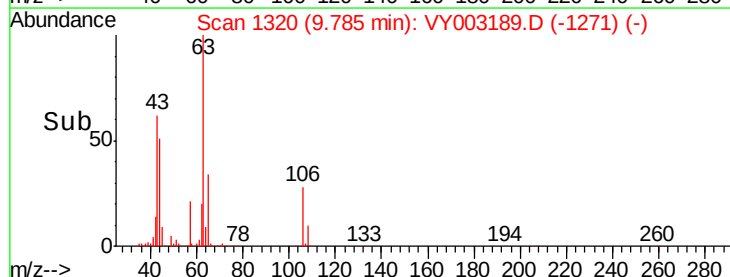
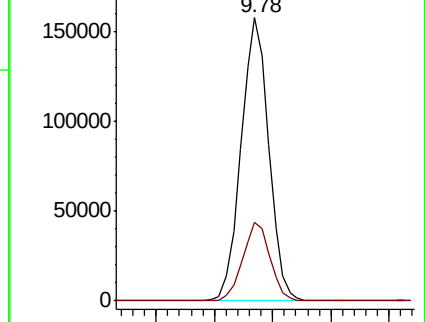
63 100

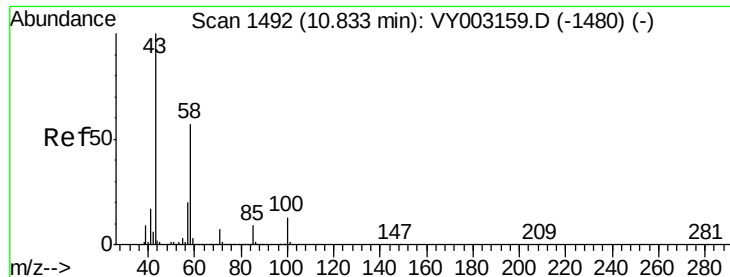
106 27.4 22.9 34.3



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

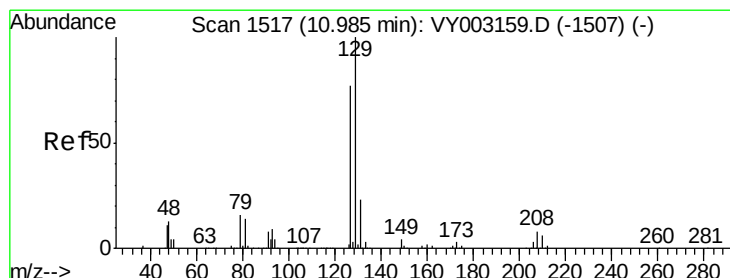
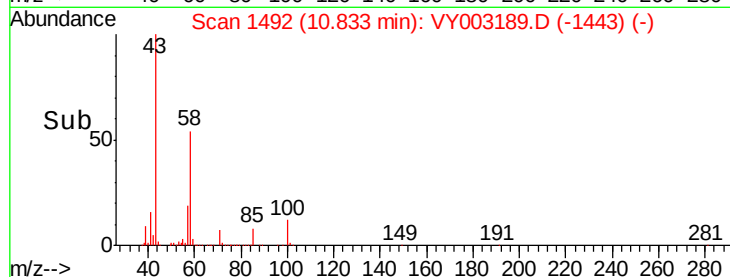
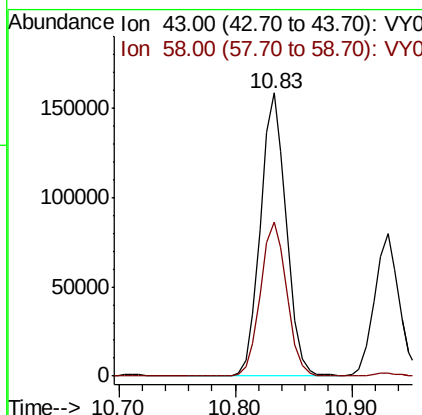
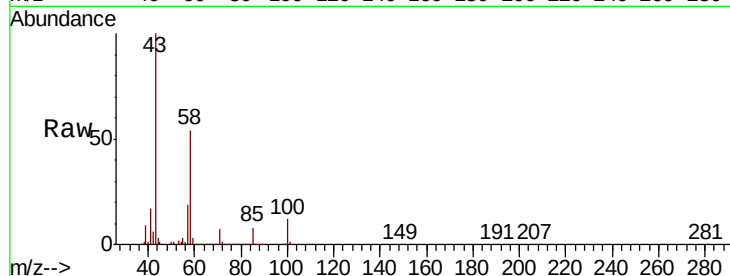




#59
2-Hexanone
Concen: 106.157 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY003189.D
Acq: 14 Jul 2020 12:33

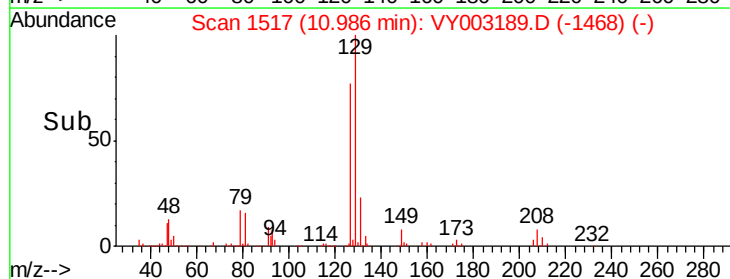
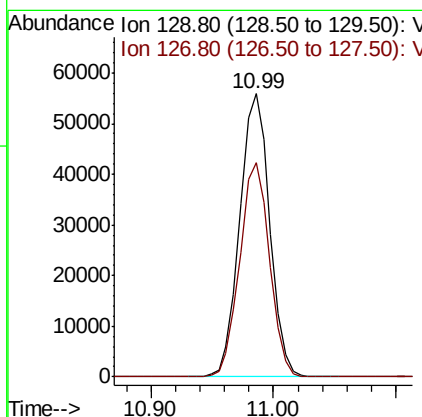
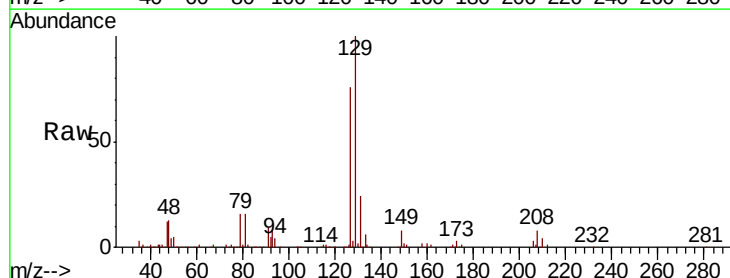
Instrument :
MSVOA_Y
ClientSampleId :
VY0714SBS01

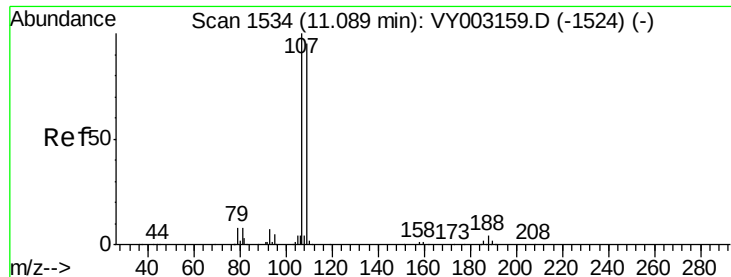
Tot Ion: 43 Resp: 244781
Ion Ratio Lower Upper
43 100
58 55.7 28.3 85.0



#60
Dibromochloromethane
Concen: 20.967 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY003189.D
Acq: 14 Jul 2020 12:33

Tgt Ion: 129 Resp: 94806
Ion Ratio Lower Upper
129 100
127 75.4 38.5 115.5

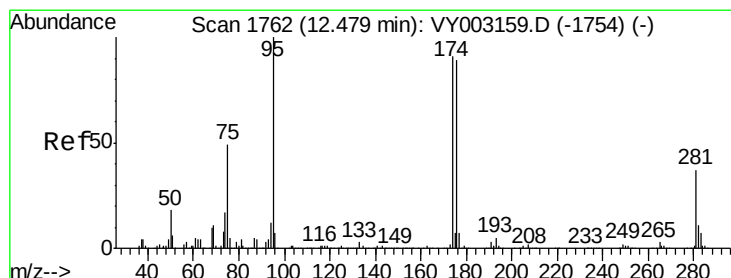
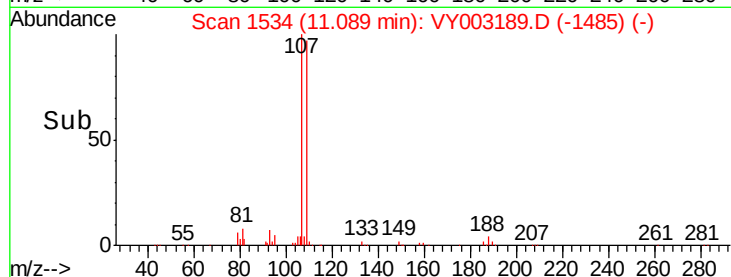
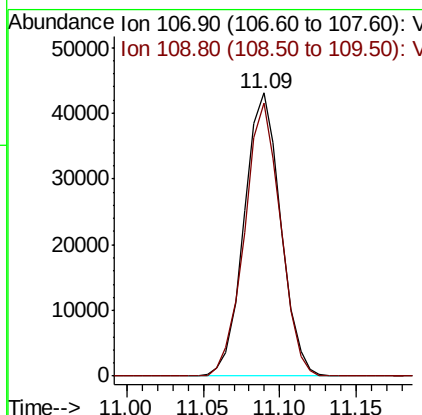
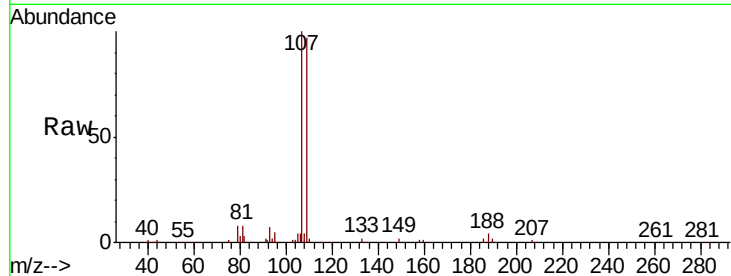




#61
 1,2-Dibromoethane
 Concen: 20.154 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VY003189.D
 Acq: 14 Jul 2020 12:33

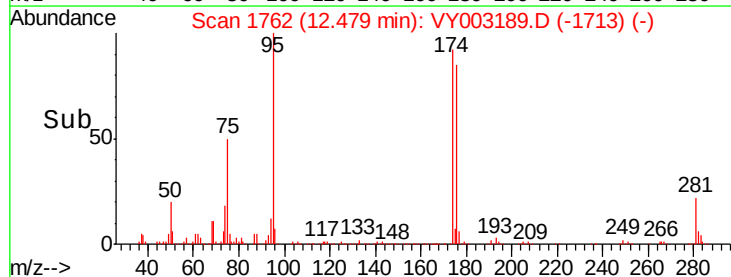
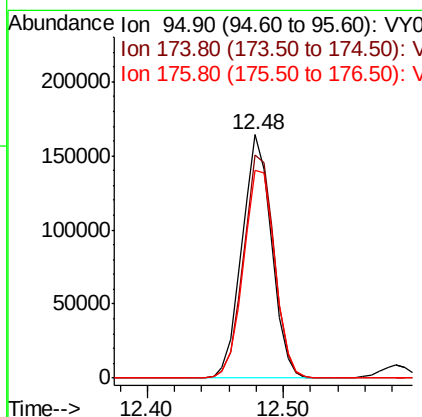
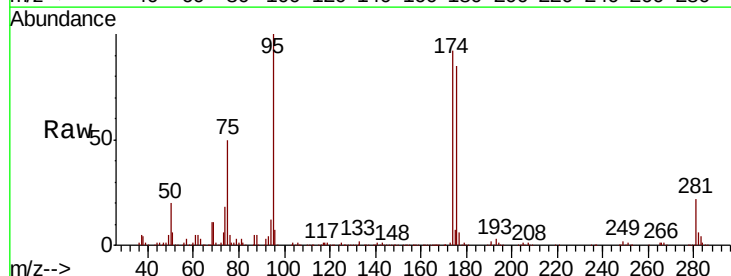
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0714SBS01

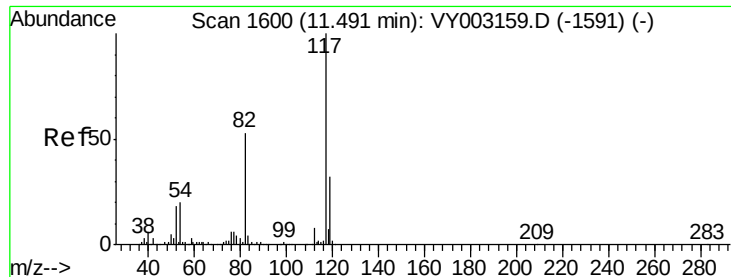
Tot Ion: 107 Resp: 71509
 Ion Ratio Lower Upper
 107 100
 109 95.3 75.6 113.4



#62
 4-Bromofluorobenzene
 Concen: 48.131 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY003189.D
 Acq: 14 Jul 2020 12:33

Tgt Ion: 95 Resp: 250241
 Ion Ratio Lower Upper
 95 100
 174 94.9 0.0 190.6
 176 90.9 0.0 186.4

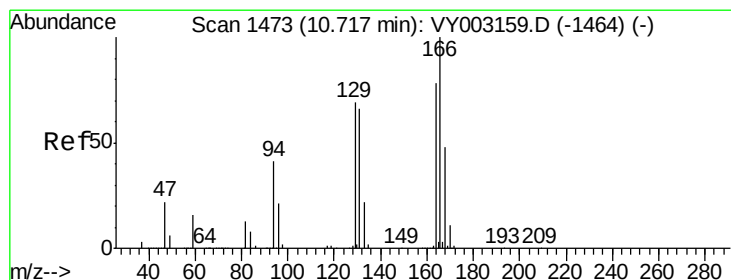
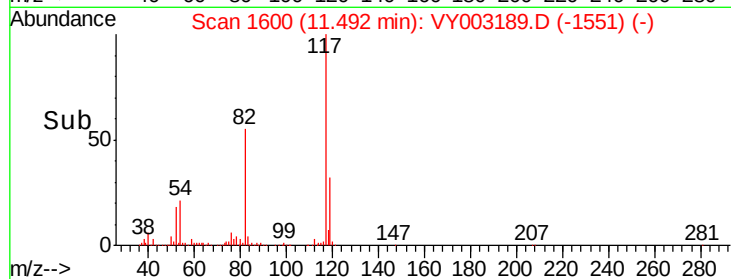
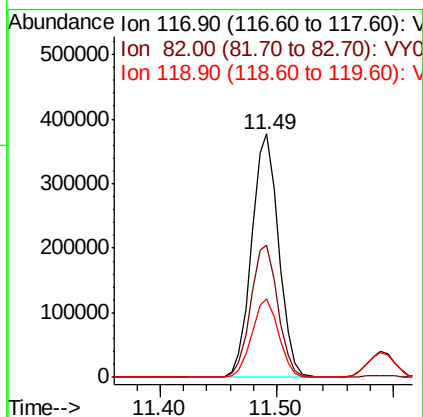
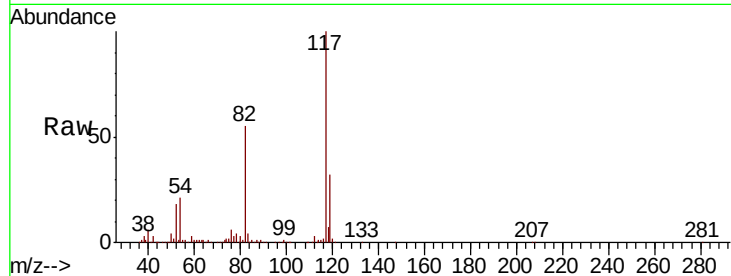




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY003189.D
Acq: 14 Jul 2020 12:33

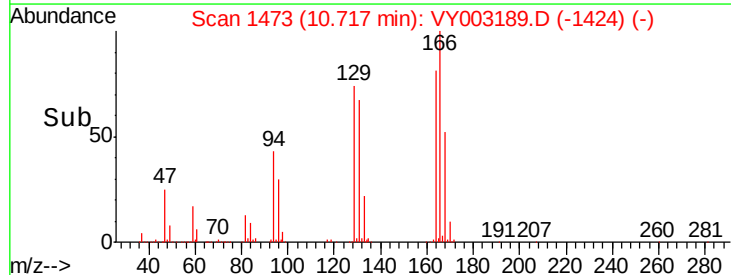
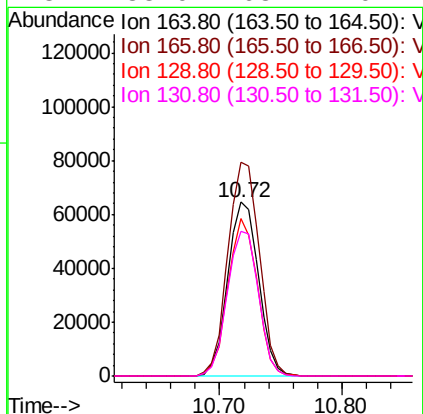
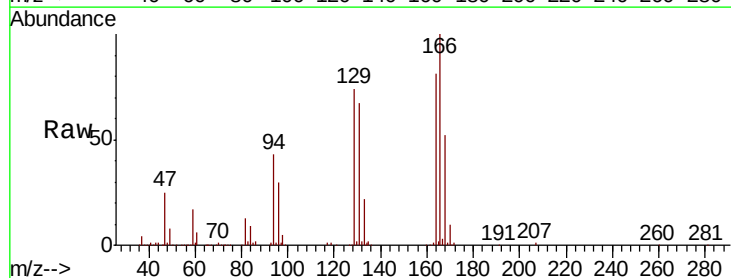
Instrument :
MSVOA_Y
ClientSampleId :
VY0714SBS01

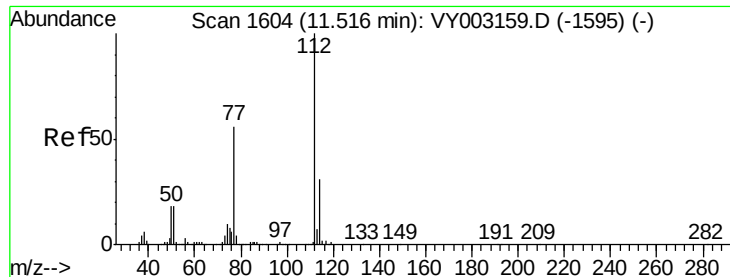
Tot Ion:117 Resp: 608923
Ion Ratio Lower Upper
117 100
82 54.5 42.0 63.0
119 32.1 25.5 38.3



#64
Tetrachloroethene
Concen: 20.670 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY003189.D
Acq: 14 Jul 2020 12:33

Tgt Ion:164 Resp: 112224
Ion Ratio Lower Upper
164 100
166 123.0 102.9 154.3
129 90.8 71.4 107.2
131 83.0 68.1 102.1

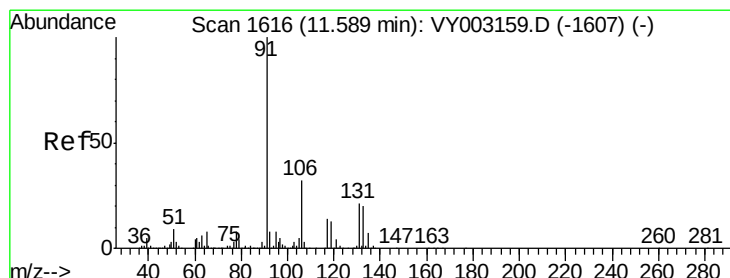
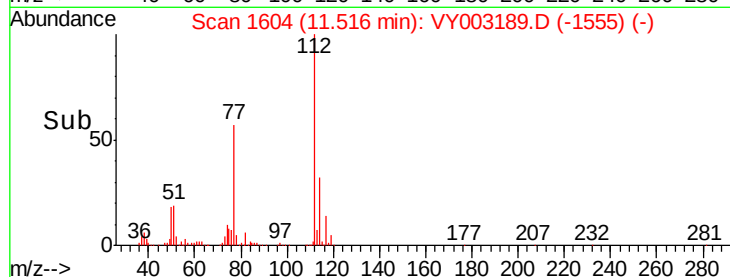
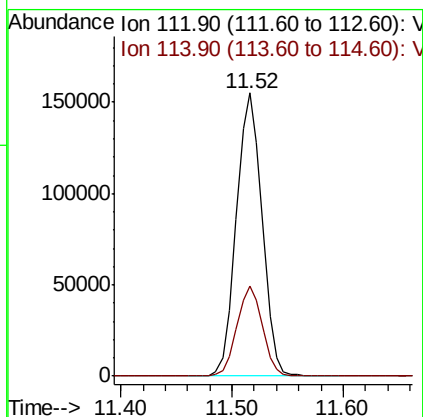
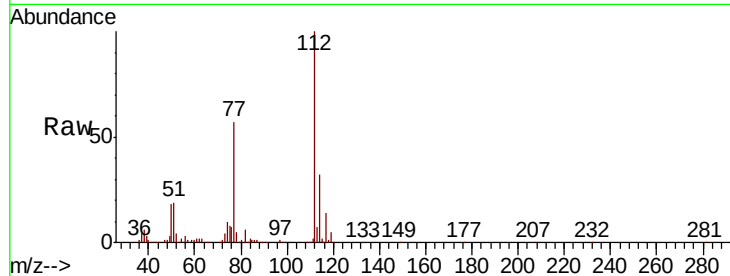




#65
Chlorobenzene
Concen: 21.085 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VY003189.D
Acq: 14 Jul 2020 12:33

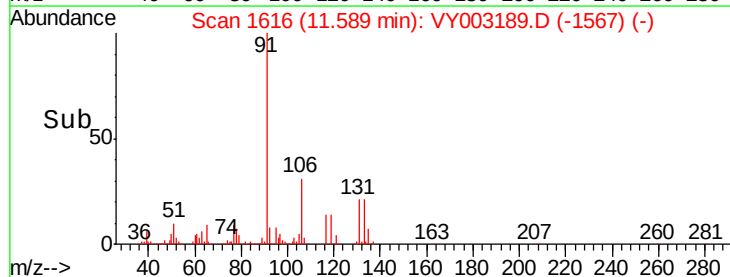
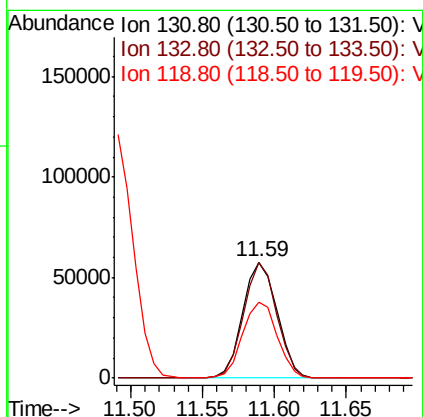
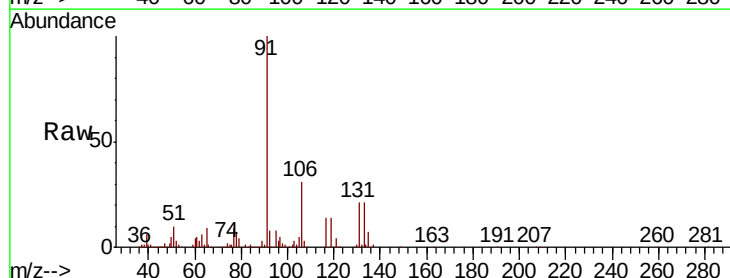
Instrument :
MSVOA_Y
ClientSampleId :
VY0714SBS01

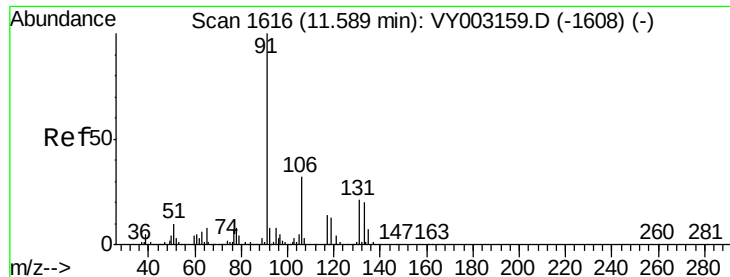
Tot Ion:112 Resp: 247336
Ion Ratio Lower Upper
112 100
114 31.9 24.7 37.1



#66
1,1,1,2-Tetrachloroethane
Concen: 20.861 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY003189.D
Acq: 14 Jul 2020 12:33

Tgt Ion:131 Resp: 95042
Ion Ratio Lower Upper
131 100
133 96.7 48.0 144.0
119 66.4 32.4 97.0

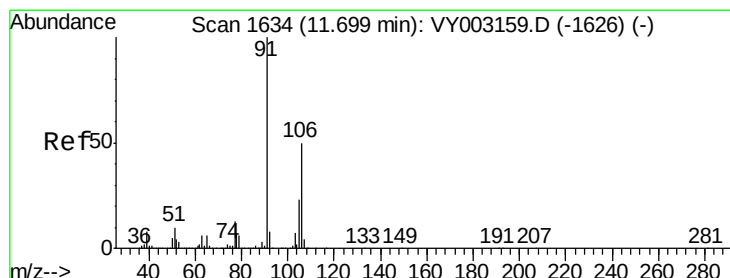
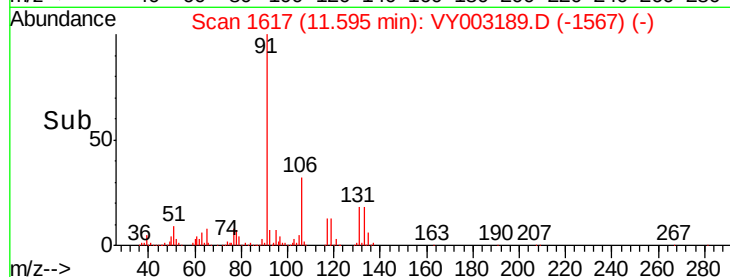
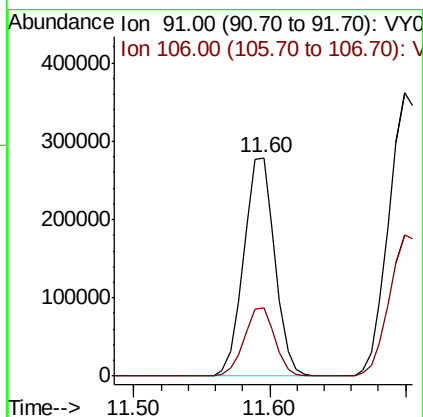
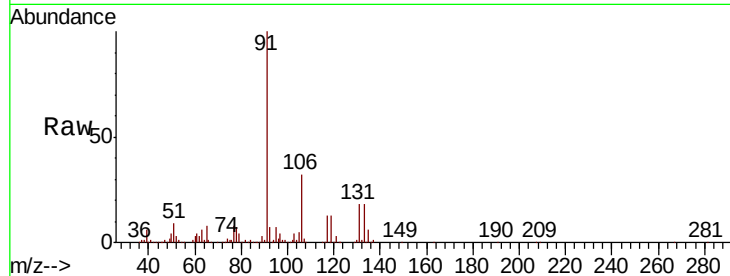




#67
Ethyl Benzene
Concen: 21.300 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. 0.01 min
Lab File: VY003189.D
Acq: 14 Jul 2020 12:33

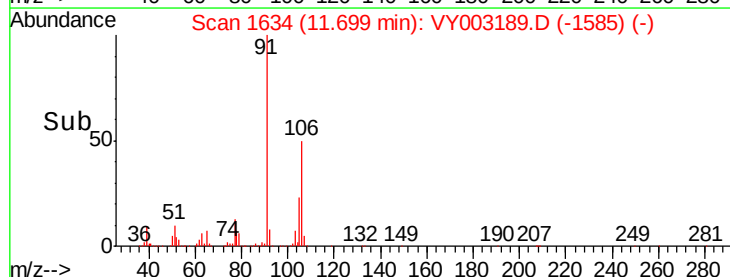
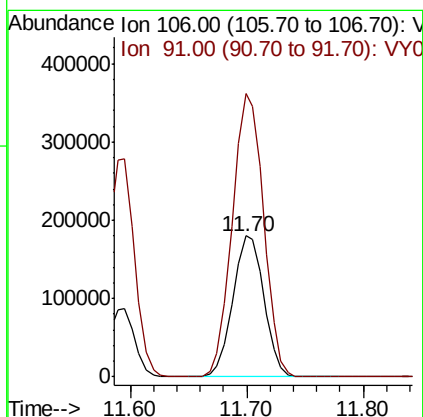
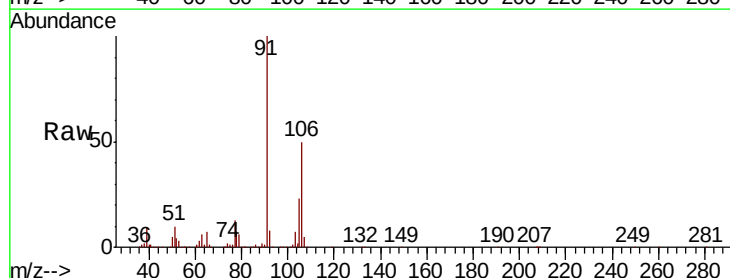
Instrument :
MSVOA_Y
ClientSampleId :
VY0714SBS01

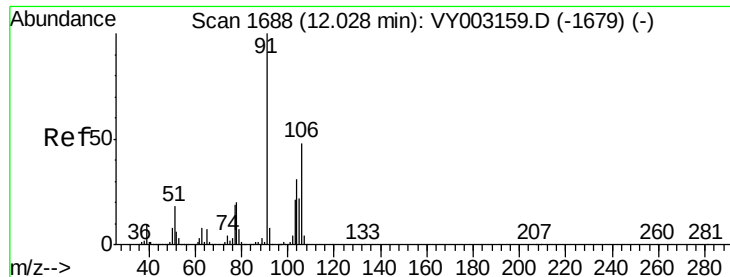
Tot Ion: 91 Resp: 446125
Ion Ratio Lower Upper
91 100
106 31.5 25.5 38.3



#68
m/p-Xylenes
Concen: 42.185 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VY003189.D
Acq: 14 Jul 2020 12:33

Tgt Ion: 106 Resp: 335246
Ion Ratio Lower Upper
106 100
91 202.0 159.0 238.6

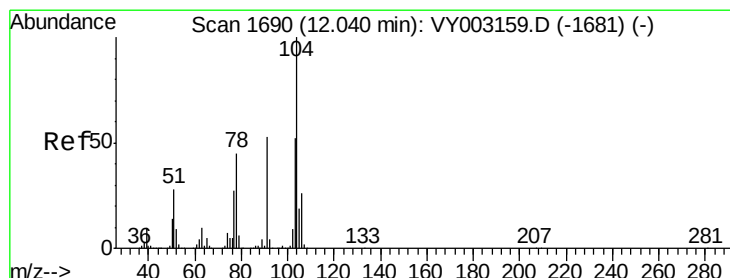
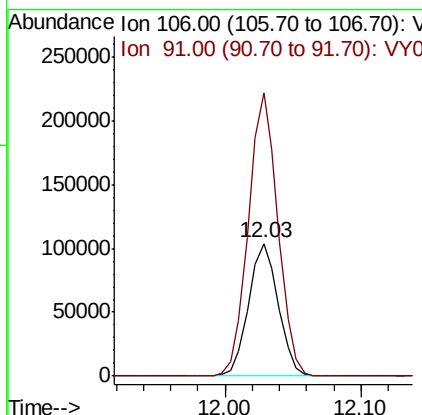
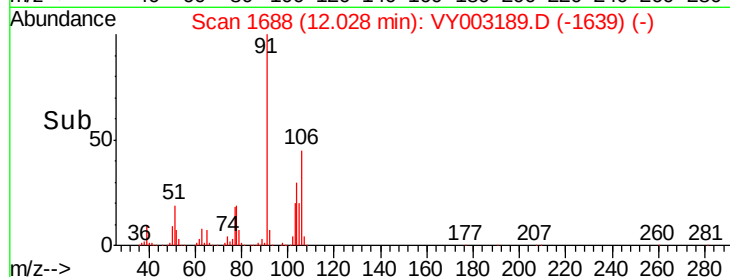
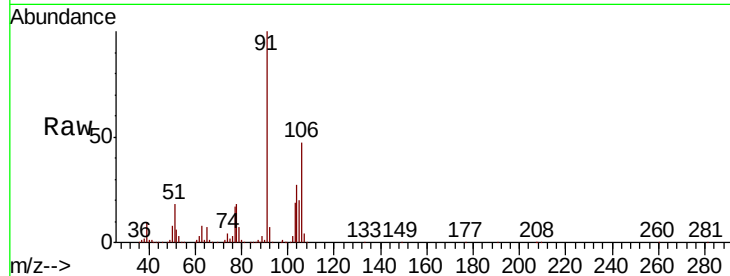




#69
o-Xylene
Concen: 21.420 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY003189.D
Acq: 14 Jul 2020 12:33

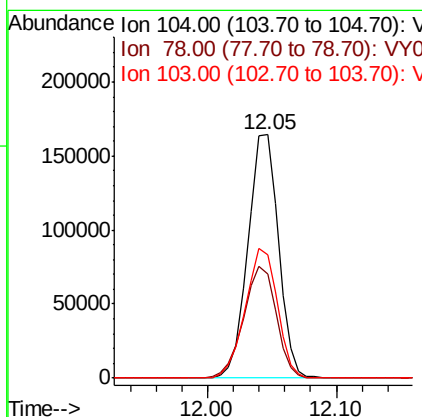
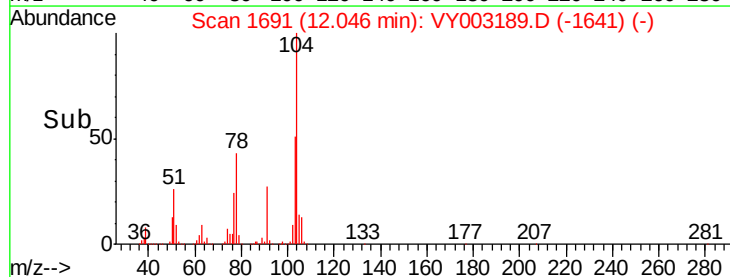
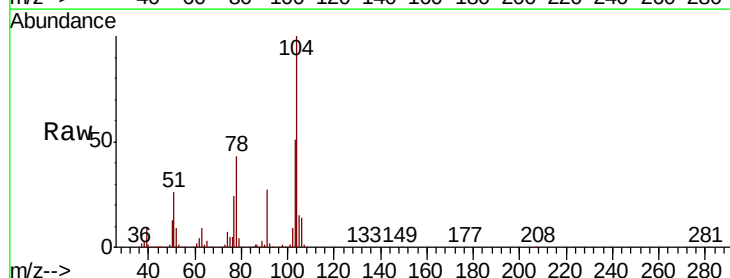
Instrument :
MSVOA_Y
ClientSampleId :
VY0714SBS01

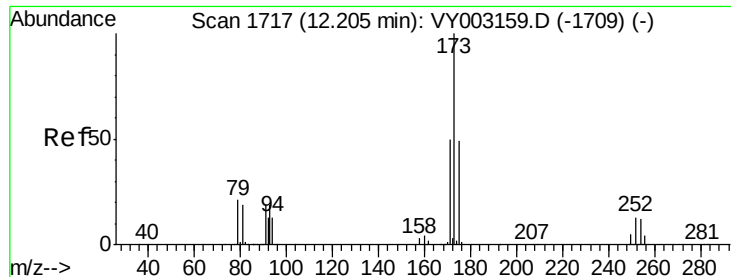
Tot Ion:106 Resp: 159028
Ion Ratio Lower Upper
106 100
91 211.5 105.1 315.1



#70
Styrene
Concen: 21.144 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.01 min
Lab File: VY003189.D
Acq: 14 Jul 2020 12:33

Tgt Ion:104 Resp: 268535
Ion Ratio Lower Upper
104 100
78 49.2 38.5 57.7
103 56.0 43.9 65.9





#71

Bromoform

Concen: 20.726 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VY003189.D

Acq: 14 Jul 2020 12:33

Instrument :

MSVOA_Y

ClientSampleId :

VY0714SBS01

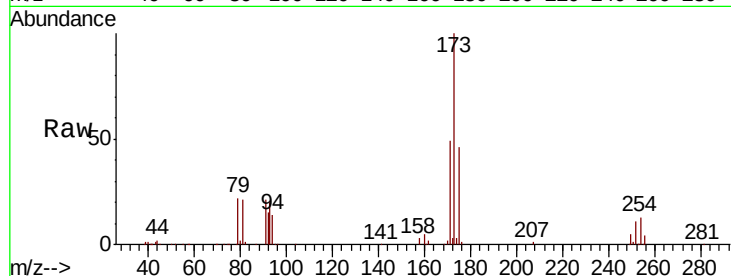
Tot Ion:173 Resp: 61977

Ion Ratio Lower Upper

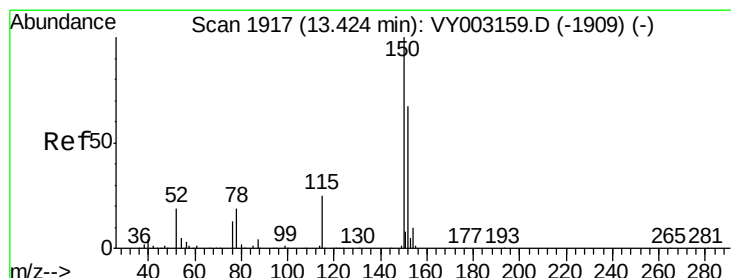
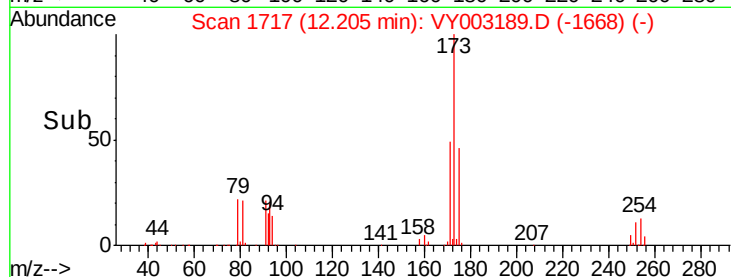
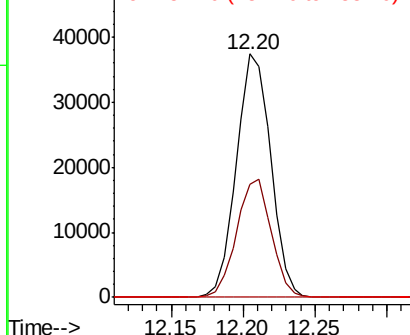
173 100

175 48.9 24.3 73.0

254 0.2 0.2 0.2



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: 13.42 min Scan# 1917

Delta R.T. 0.00 min

Lab File: VY003189.D

Acq: 14 Jul 2020 12:33

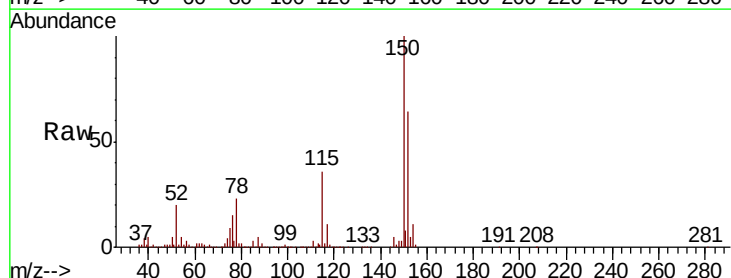
Tgt Ion:152 Resp: 327209

Ion Ratio Lower Upper

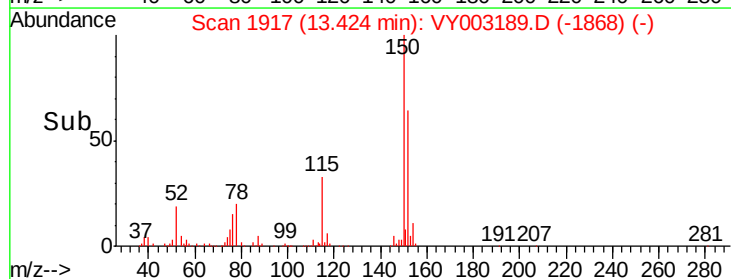
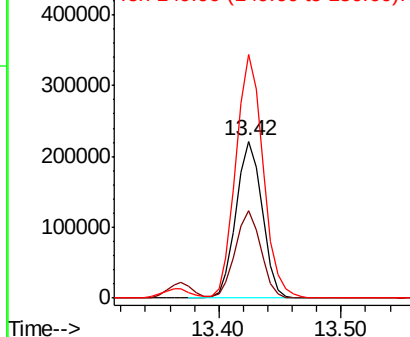
152 100

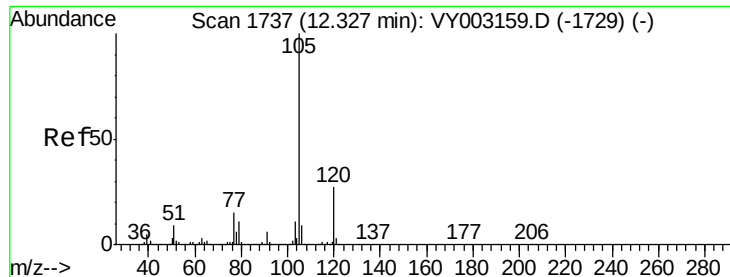
115 54.7 26.9 80.7

150 161.7 0.0 338.0



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: 20.879 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY003189.D

Acq: 14 Jul 2020 12:33

Instrument :

MSVOA_Y

ClientSampleId :

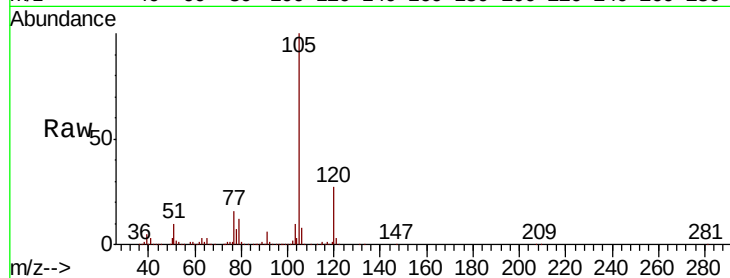
VY0714SBSD01

Tot Ion:105 Resp: 435361

Ion Ratio Lower Upper

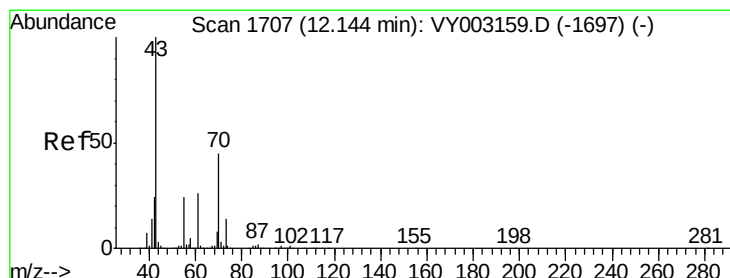
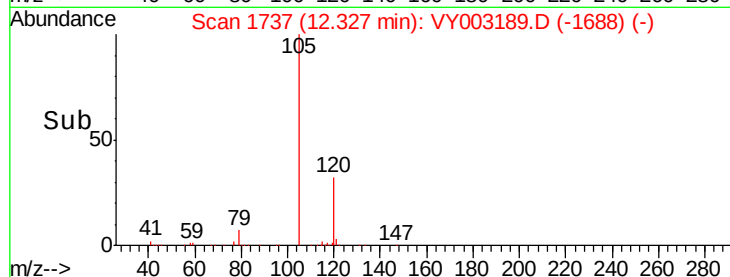
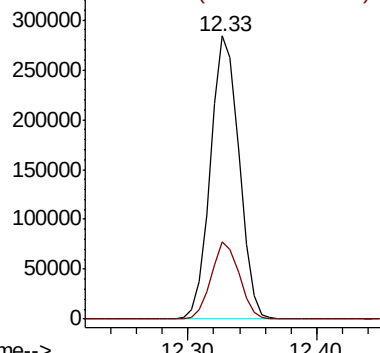
105 100

120 26.7 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 21.601 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VY003189.D

Acq: 14 Jul 2020 12:33

Tgt Ion: 43 Resp: 126383

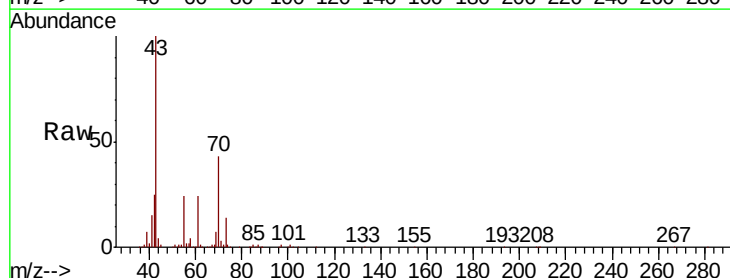
Ion Ratio Lower Upper

43 100

70 43.9 35.6 53.4

55 24.1 19.4 29.2

61 24.9 20.8 31.2

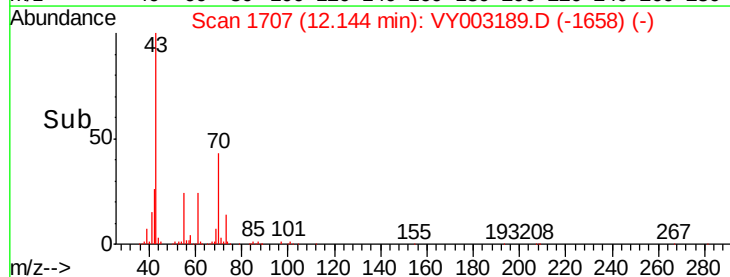
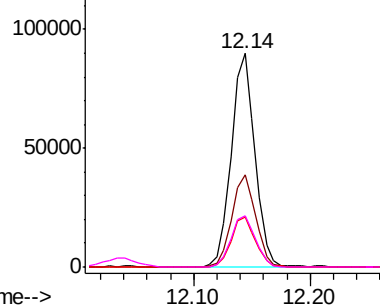


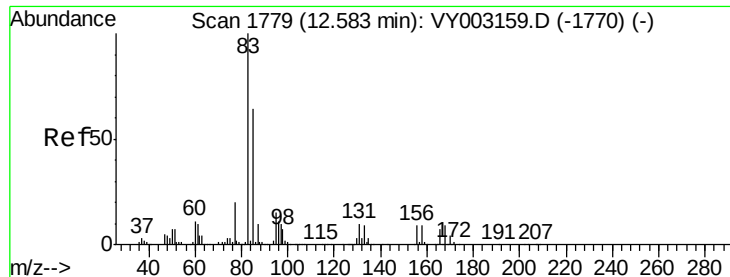
Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0





#75

1,1,2,2-Tetrachloroethane

Concen: 21.037 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY003189.D

Acq: 14 Jul 2020 12:33

Instrument :

MSVOA_Y

ClientSampleId :

VY0714SBS01

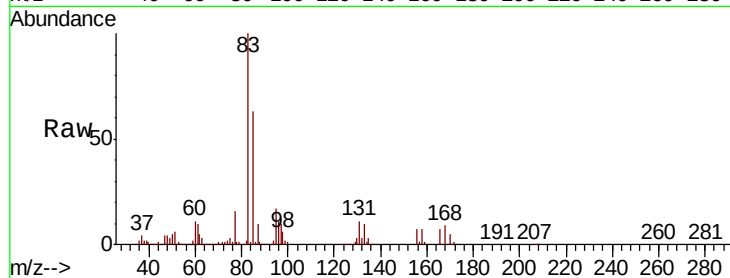
Tot Ion: 83 Resp: 84721

Ion Ratio Lower Upper

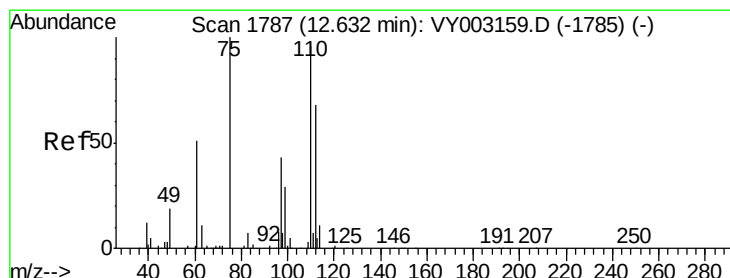
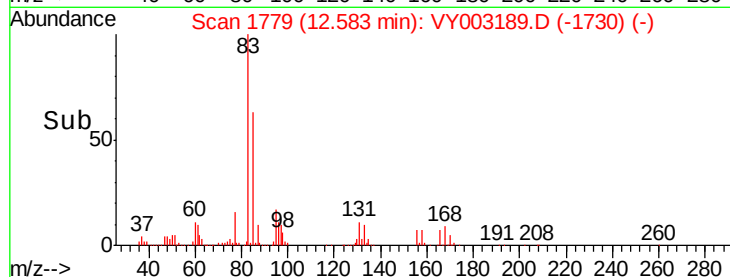
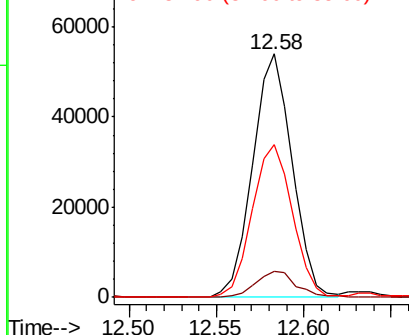
83 100

131 11.0 5.2 15.6

85 64.1 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 130.80 (130.50 to 131.50): VY0
Ion 84.90 (84.60 to 85.60): VY0



#76

1,2,3-Trichloropropane

Concen: 39.993 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. 0.00 min

Lab File: VY003189.D

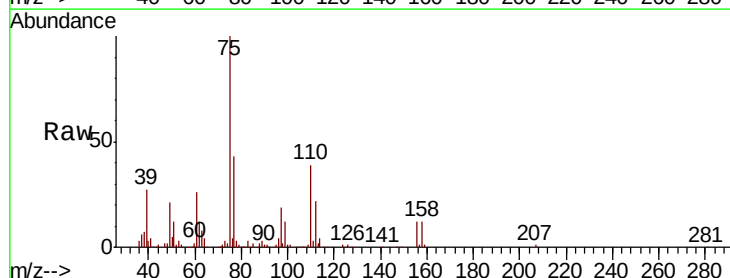
Acq: 14 Jul 2020 12:33

Tgt Ion: 75 Resp: 115833

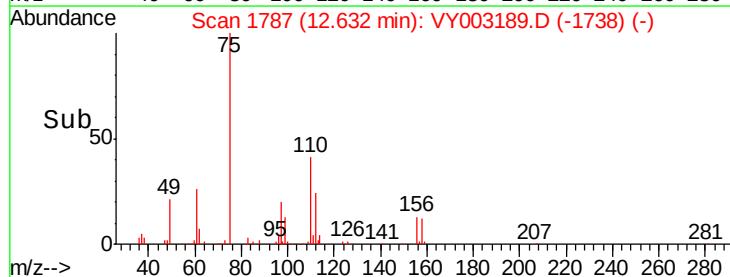
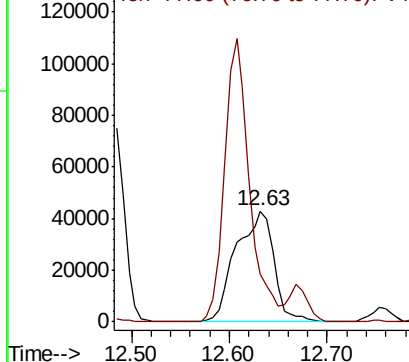
Ion Ratio Lower Upper

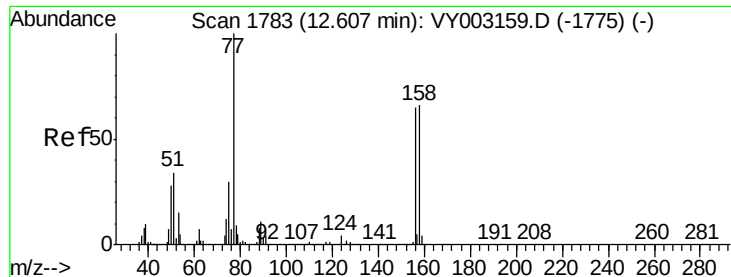
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0
Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 20.970 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY003189.D

Acq: 14 Jul 2020 12:33

Instrument :

MSVOA_Y

ClientSampleId :

VY0714SBS01

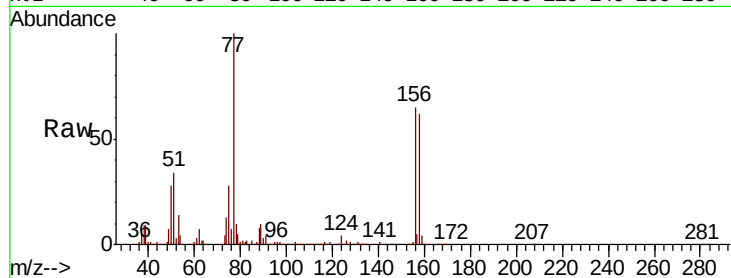
Tot Ion:156 Resp: 111460

Ion Ratio Lower Upper

156 100

77 174.0 86.6 259.7

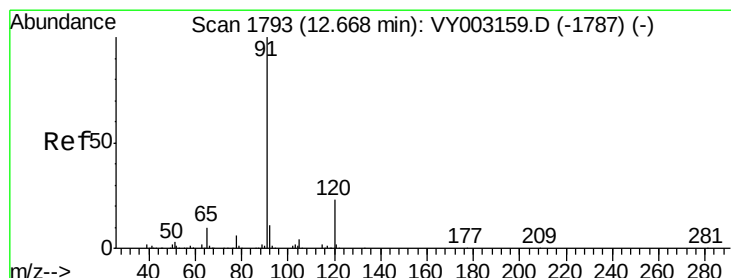
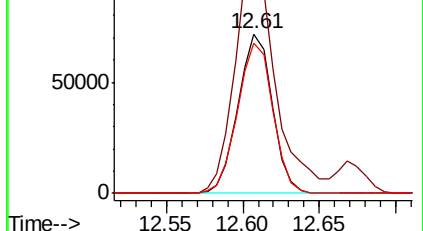
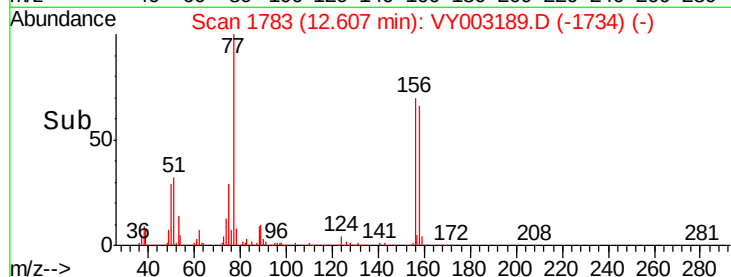
158 97.7 49.4 148.0



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.337 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VY003189.D

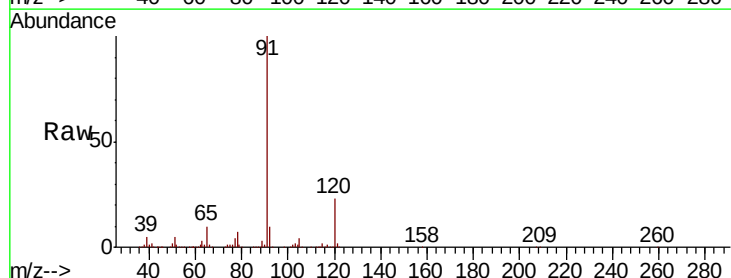
Acq: 14 Jul 2020 12:33

Tgt Ion: 91 Resp: 524439

Ion Ratio Lower Upper

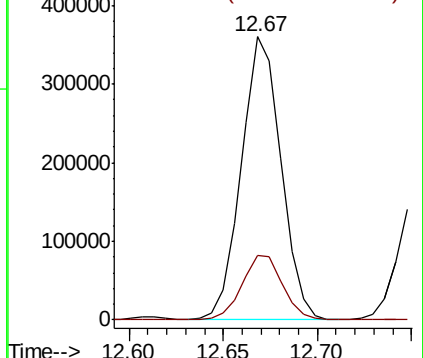
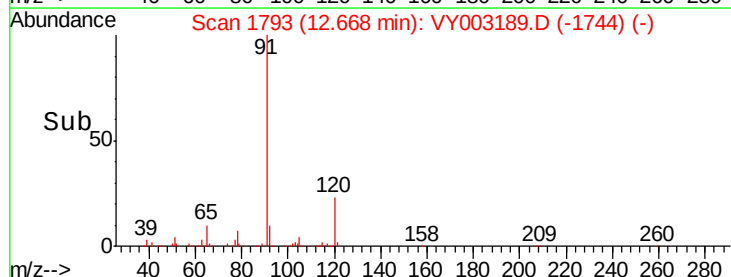
91 100

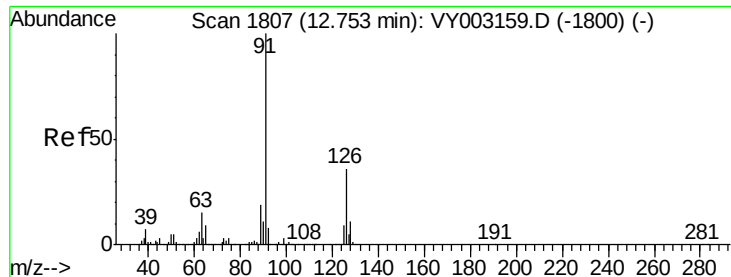
120 23.4 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

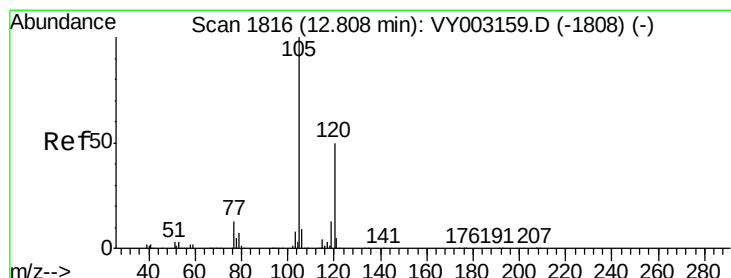
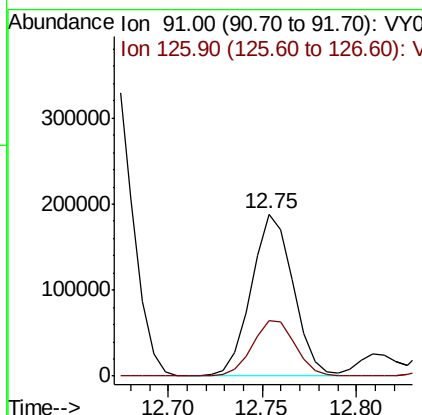
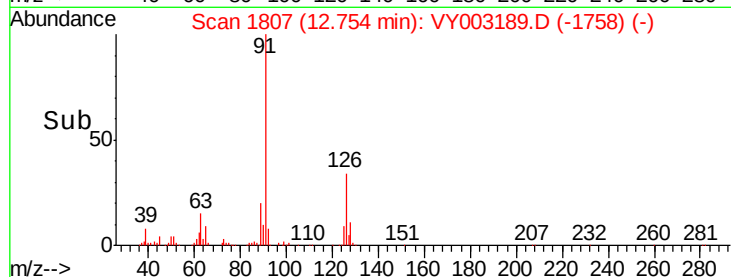
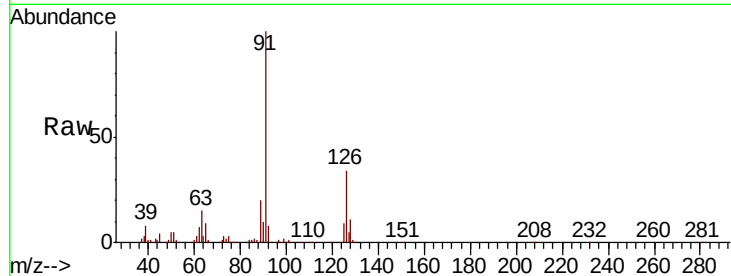




#79
 2-Chlorotoluene
 Concen: 21.060 ug/l
 RT: 12.75 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VY003189.D
 Acq: 14 Jul 2020 12:33

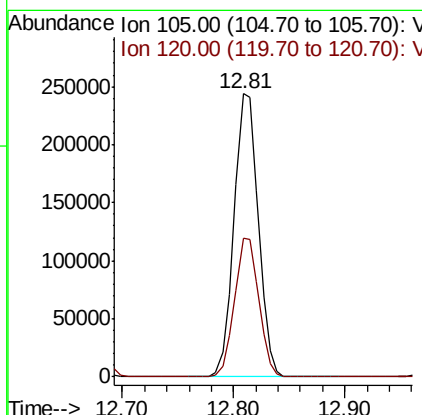
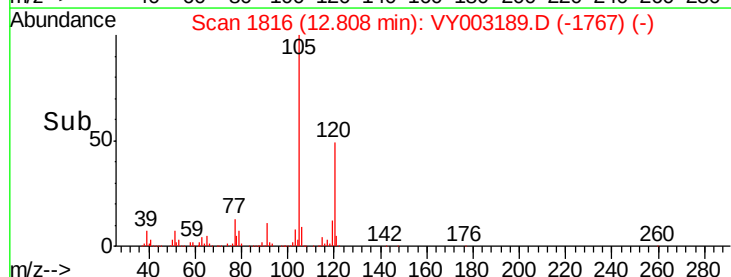
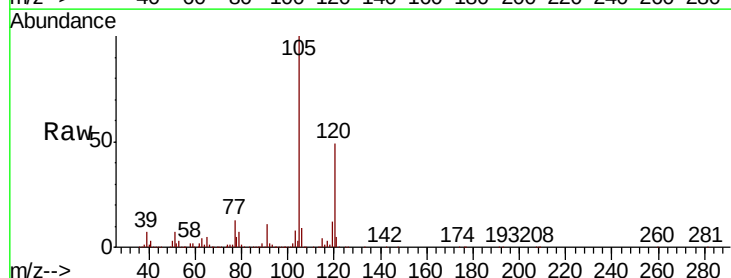
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0714SBSD01

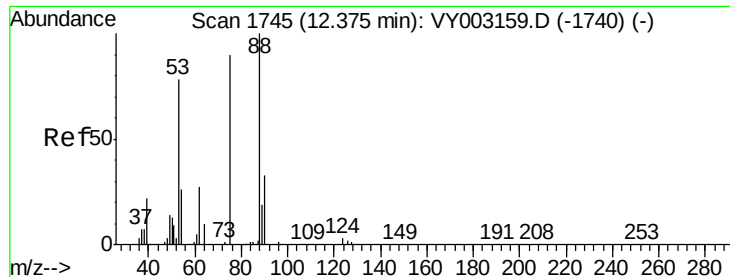
Tot Ion: 91 Resp: 288807
 Ion Ratio Lower Upper
 91 100
 126 35.1 17.6 52.9



#80
 1,3,5-Trimethylbenzene
 Concen: 21.133 ug/l
 RT: 12.81 min Scan# 1816
 Delta R.T. 0.00 min
 Lab File: VY003189.D
 Acq: 14 Jul 2020 12:33

Tgt Ion: 105 Resp: 367268
 Ion Ratio Lower Upper
 105 100
 120 49.1 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 20.885 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. 0.00 min

Lab File: VY003189.D

Acq: 14 Jul 2020 12:33

Instrument :

MSVOA_Y

ClientSampleId :

VY0714SBS01

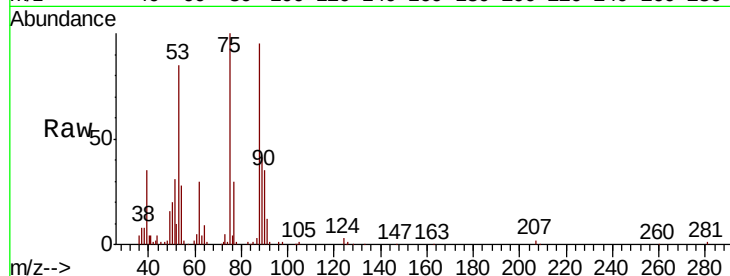
Tot Ion: 75 Resp: 31082

Ion Ratio Lower Upper

75 100

53 86.7 72.0 108.0

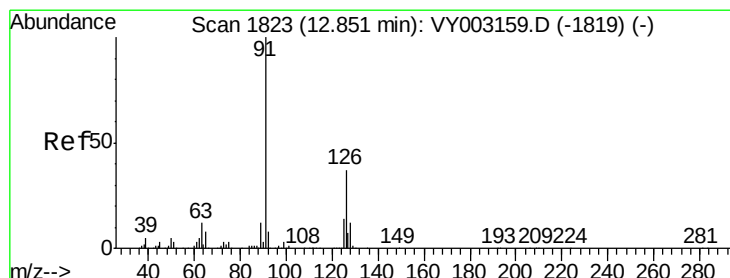
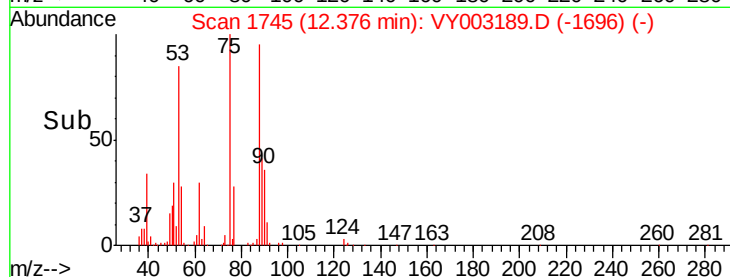
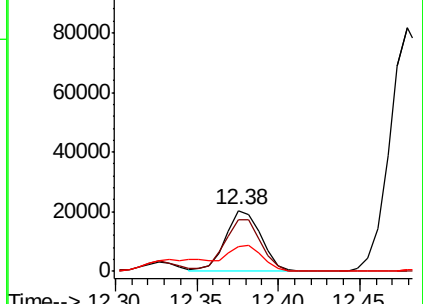
89 44.2 37.3 55.9



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0



#82

4-Chlorotoluene

Concen: 21.470 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. 0.00 min

Lab File: VY003189.D

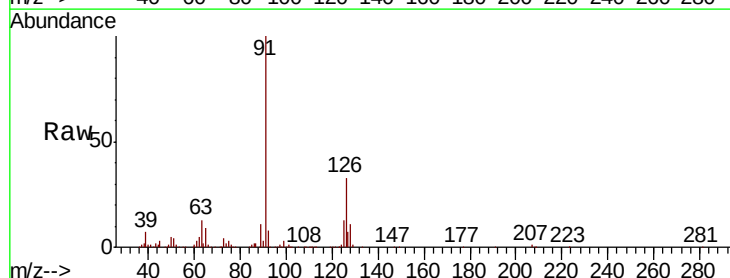
Acq: 14 Jul 2020 12:33

Tgt Ion: 91 Resp: 307320

Ion Ratio Lower Upper

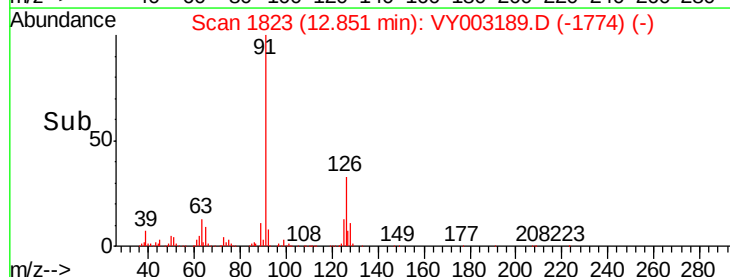
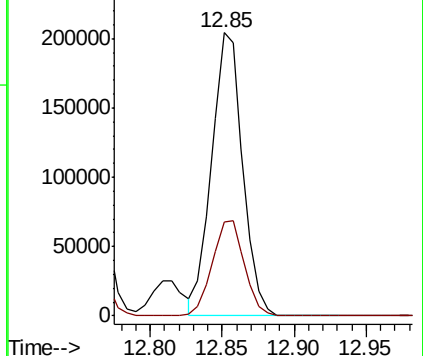
91 100

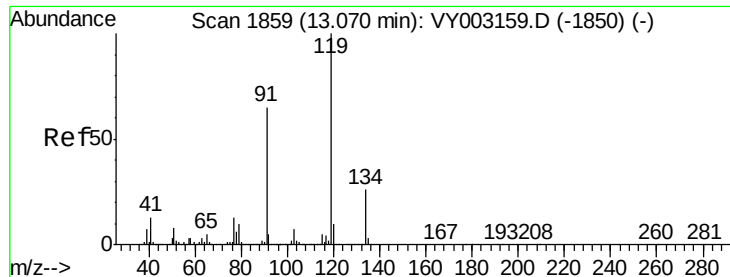
126 34.9 17.9 53.7



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V

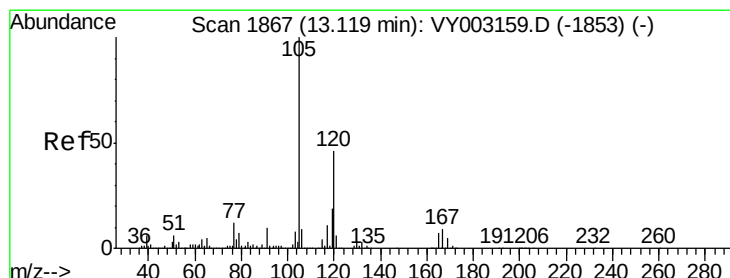
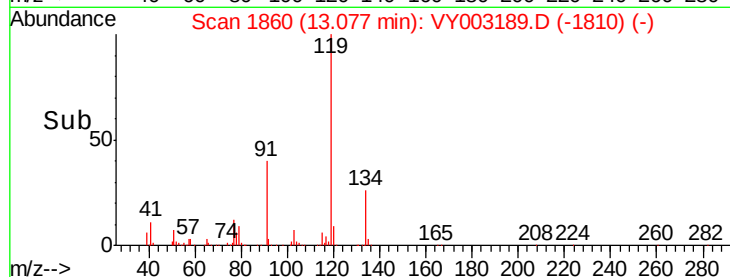
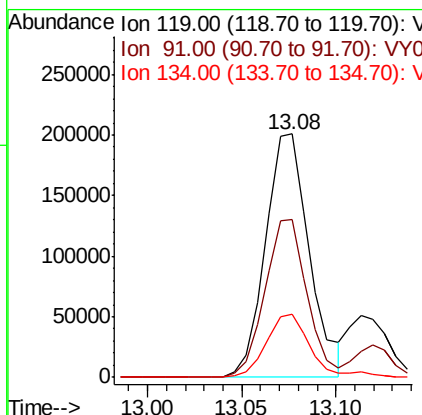
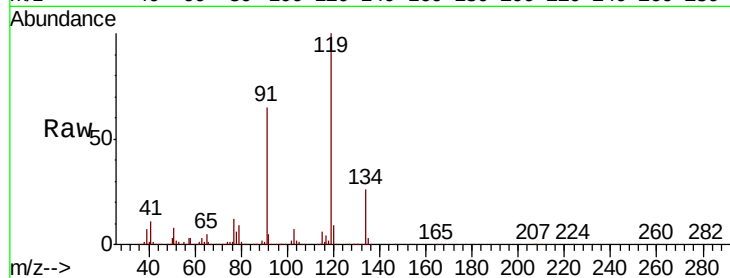




#83
tert-Butylbenzene
Concen: 21.187 ug/l
RT: 13.08 min Scan# 1860
Delta R.T. 0.01 min
Lab File: VY003189.D
Acq: 14 Jul 2020 12:33

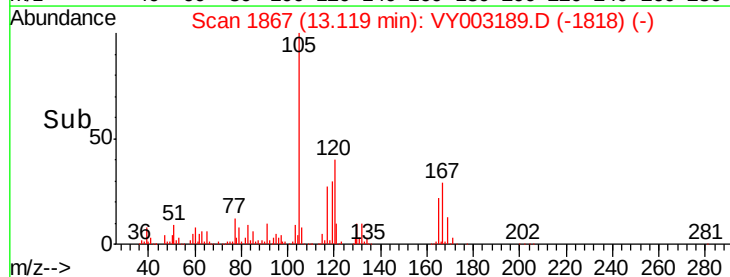
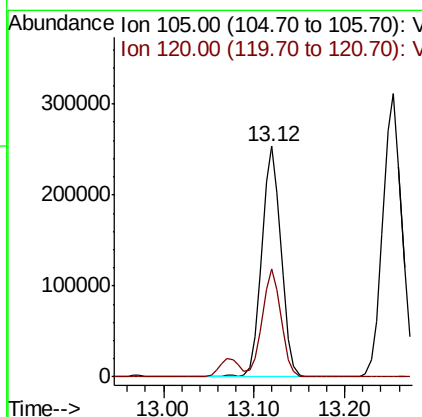
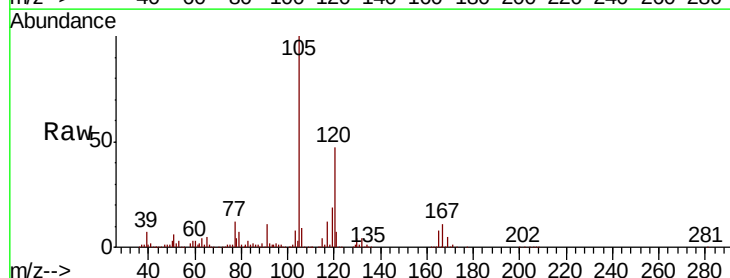
Instrument :
MSVOA_Y
ClientSampleId :
VY0714SBS01

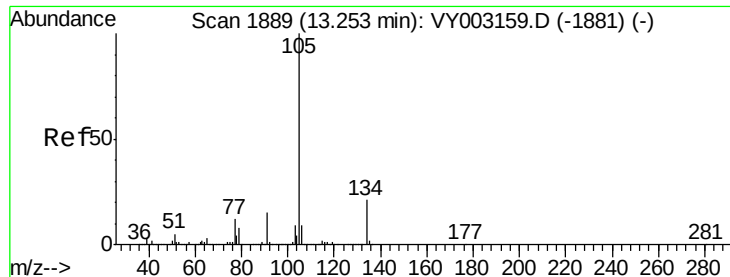
Tot Ion:119 Resp: 324900
Ion Ratio Lower Upper
119 100
91 62.2 30.8 92.4
134 26.5 13.2 39.6



#84
1,2,4-Trimethylbenzene
Concen: 21.282 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VY003189.D
Acq: 14 Jul 2020 12:33

Tgt Ion:105 Resp: 372144
Ion Ratio Lower Upper
105 100
120 45.9 22.5 67.5





#85

sec-Butylbenzene

Concen: 21.373 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VY003189.D

Acq: 14 Jul 2020 12:33

Instrument :

MSVOA_Y

ClientSampleId :

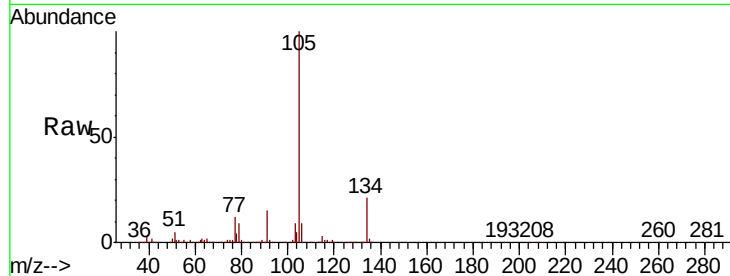
VY0714SBS01

Tot Ion:105 Resp: 450477

Ion Ratio Lower Upper

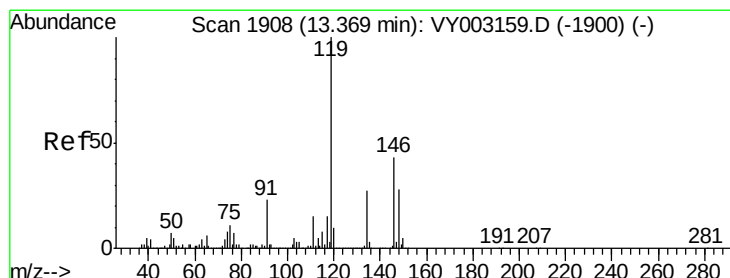
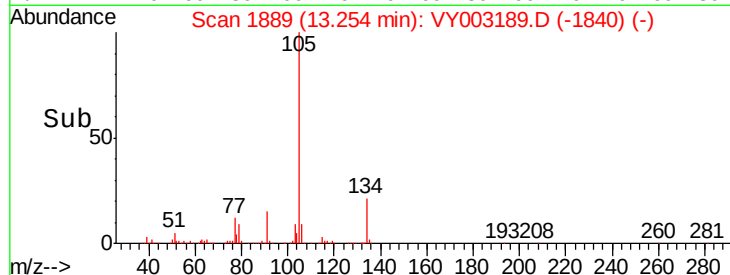
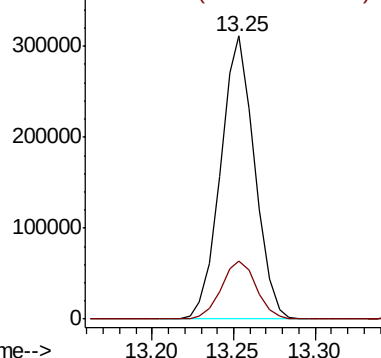
105 100

134 21.2 10.4 31.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 21.058 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY003189.D

Acq: 14 Jul 2020 12:33

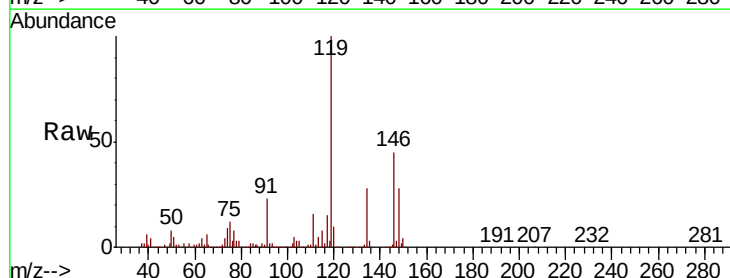
Tgt Ion:119 Resp: 414411

Ion Ratio Lower Upper

119 100

134 26.7 13.4 40.2

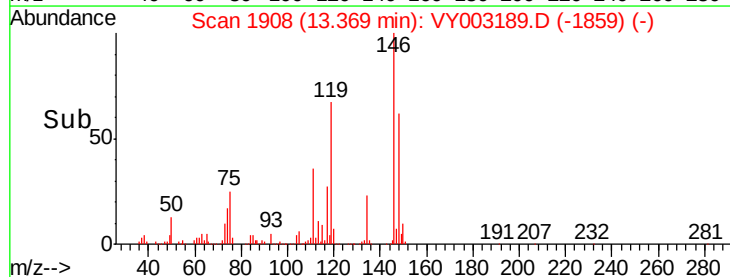
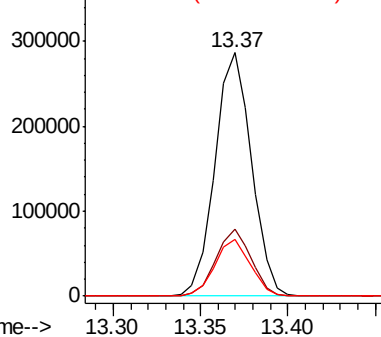
91 22.9 11.2 33.6

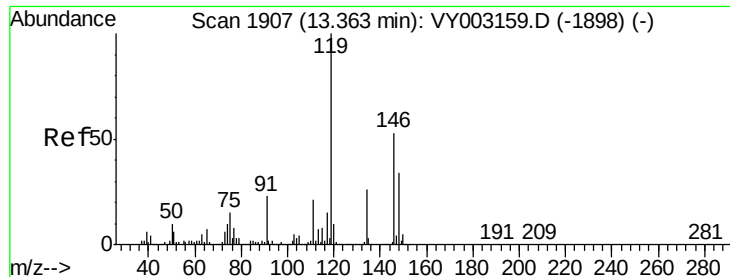


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

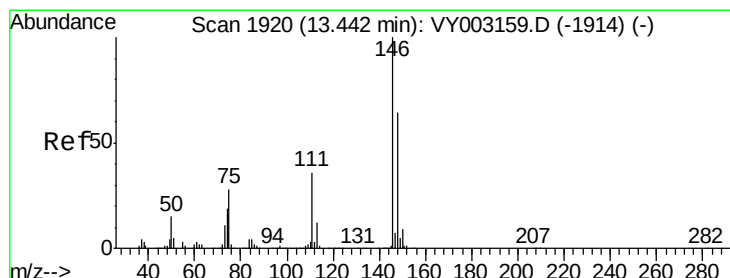
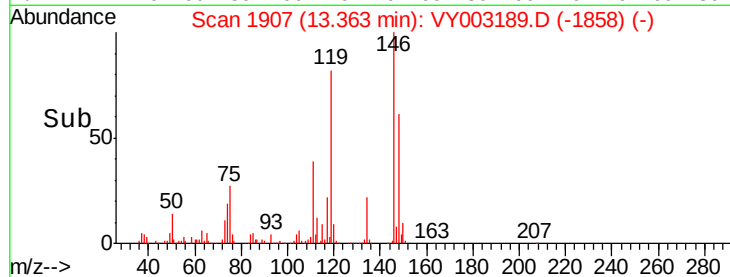
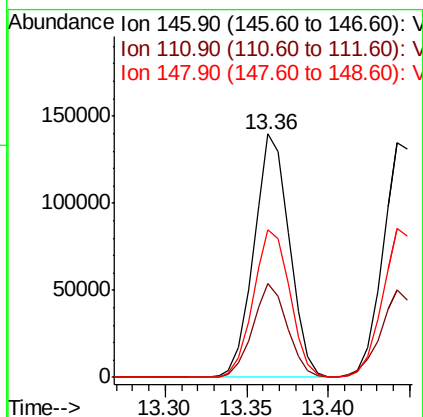
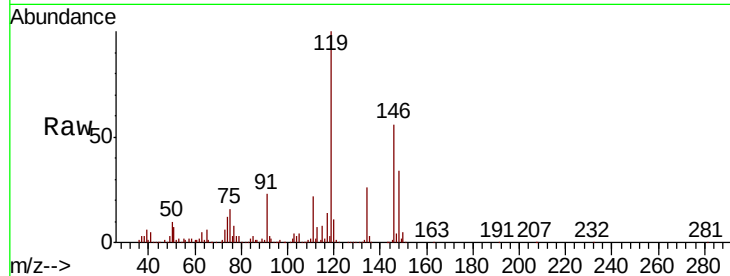




#87
 1,3-Dichlorobenzene
 Concen: 20.996 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VY003189.D
 Acq: 14 Jul 2020 12:33

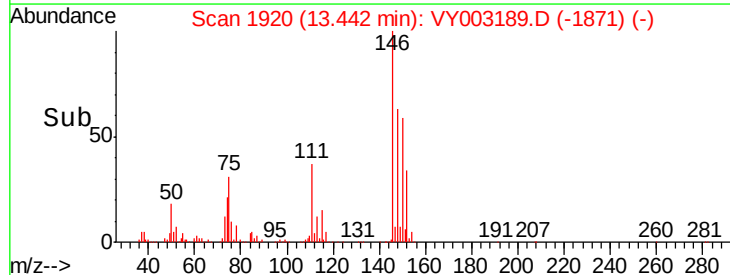
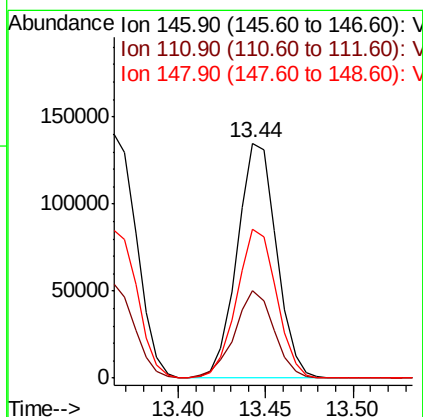
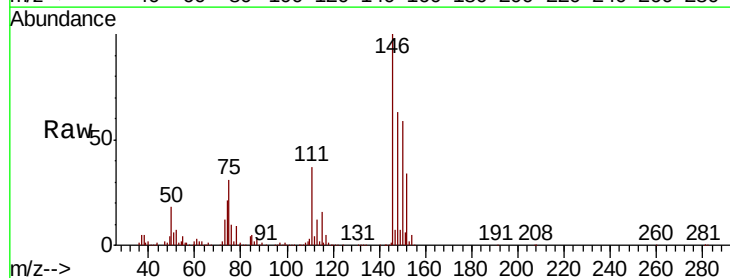
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0714SBS01

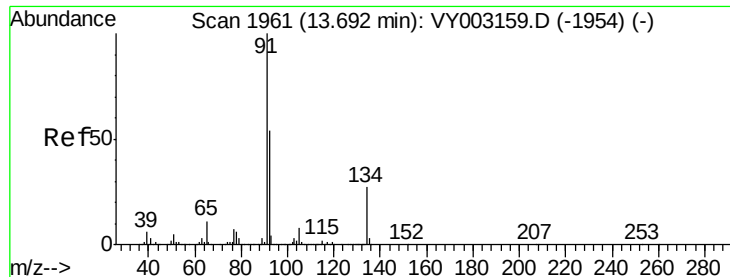
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.8	18.8	56.3
148	62.6	32.3	96.9



#88
 1,4-Dichlorobenzene
 Concen: 21.121 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. 0.00 min
 Lab File: VY003189.D
 Acq: 14 Jul 2020 12:33

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.7	18.4	55.0
148	64.2	32.0	96.0

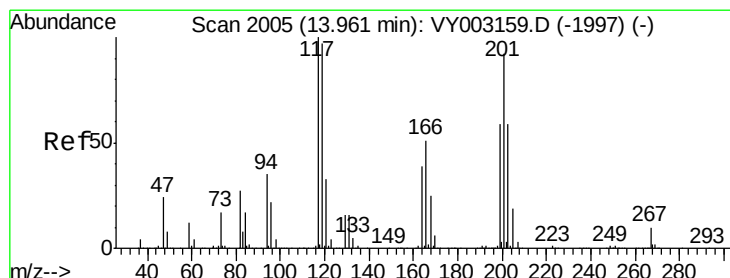
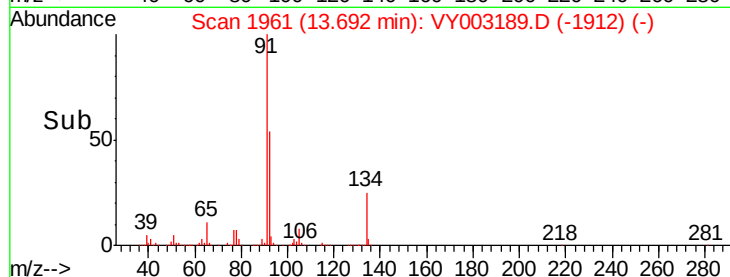
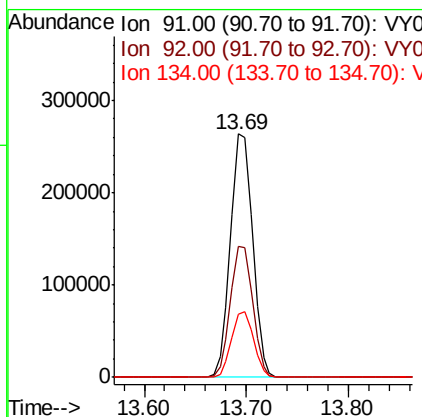
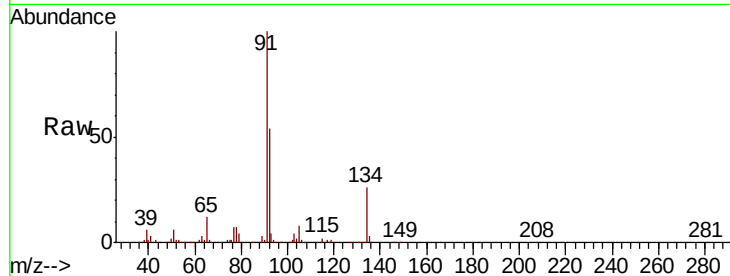




#89
n-Butylbenzene
Concen: 21.373 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. 0.00 min
Lab File: VY003189.D
Acq: 14 Jul 2020 12:33

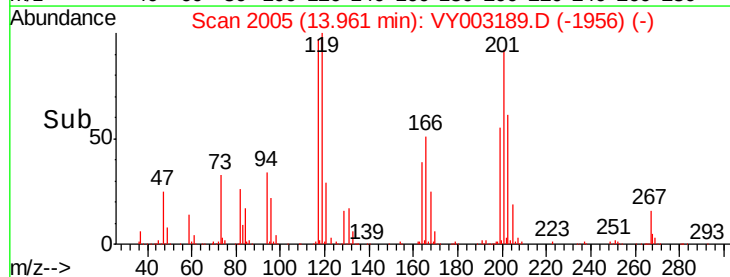
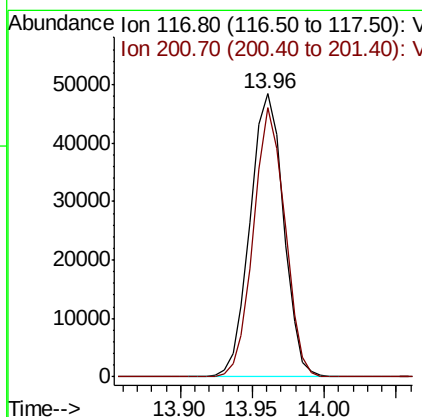
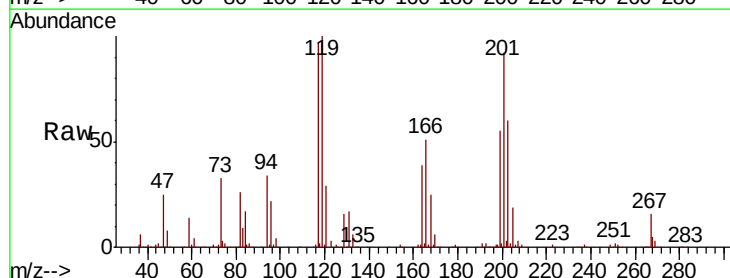
Instrument :
MSVOA_Y
ClientSampleId :
VY0714SBS01

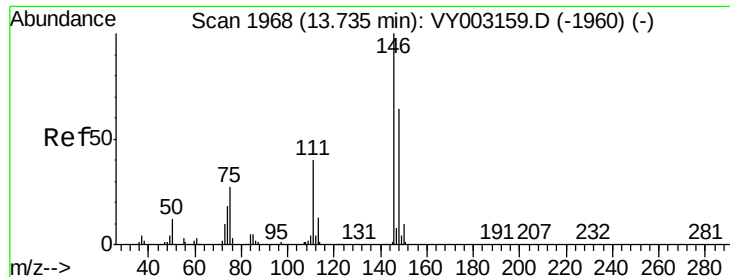
Tot Ion: 91 Resp: 395640
Ion Ratio Lower Upper
91 100
92 54.1 26.9 80.7
134 26.8 13.6 40.7



#90
Hexachloroethane
Concen: 21.676 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. 0.00 min
Lab File: VY003189.D
Acq: 14 Jul 2020 12:33

Tgt Ion: 117 Resp: 77684
Ion Ratio Lower Upper
117 100
201 89.3 45.1 135.3





#91

1,2-Dichlorobenzene

Concen: 21.251 ug/l

RT: 13.74 min Scan# 1969

Delta R.T. 0.01 min

Lab File: VY003189.D

Acq: 14 Jul 2020 12:33

Instrument :

MSVOA_Y

ClientSampleId :

VY0714SBS01

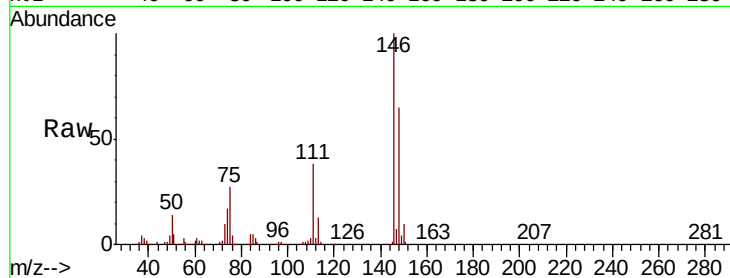
Tot Ion:146 Resp: 187446

Ion Ratio Lower Upper

146 100

111 38.6 19.6 58.8

148 63.5 32.4 97.0

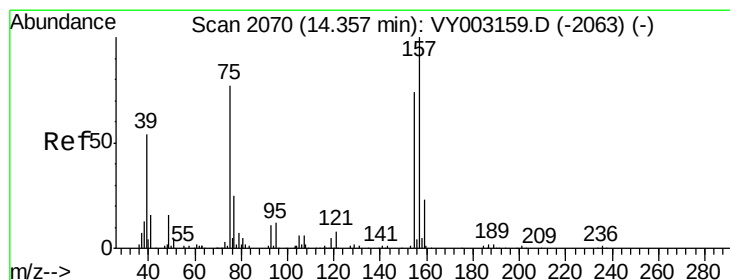
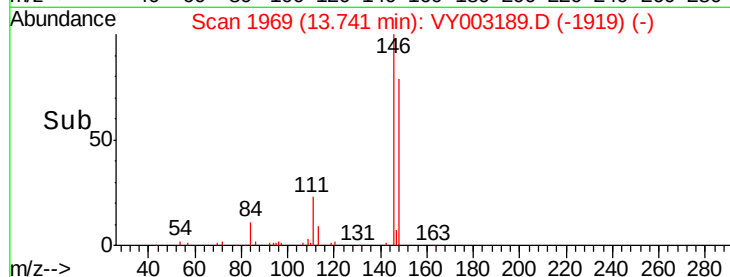
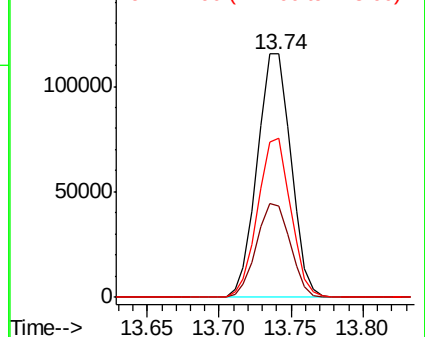


Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.482 ug/l

RT: 14.36 min Scan# 2070

Delta R.T. 0.00 min

Lab File: VY003189.D

Acq: 14 Jul 2020 12:33

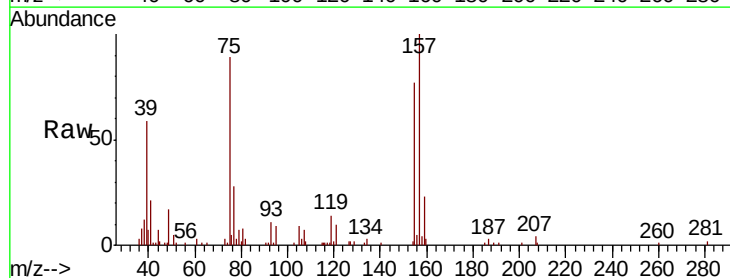
Tgt Ion: 75 Resp: 13373

Ion Ratio Lower Upper

75 100

155 89.1 48.1 144.3

157 115.0 61.9 185.6

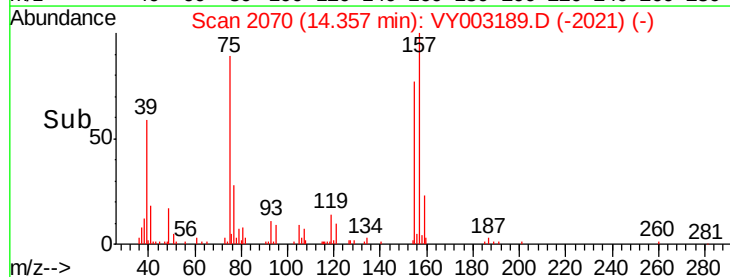
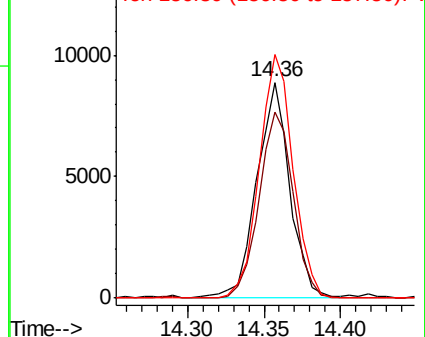


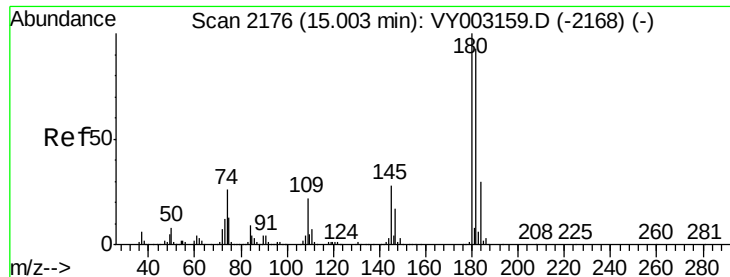
Abundance

Ion 74.90 (74.60 to 75.60): VY0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

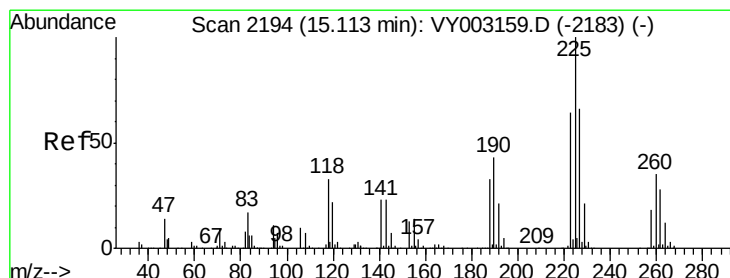
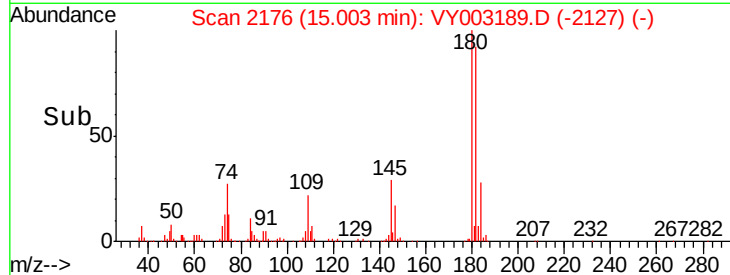
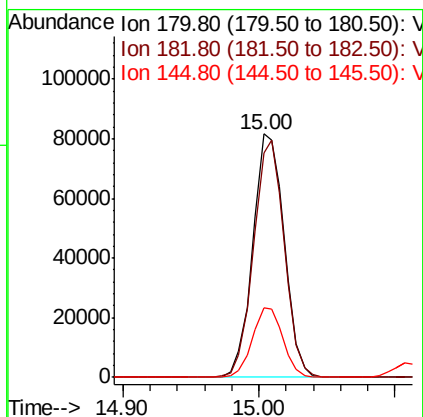
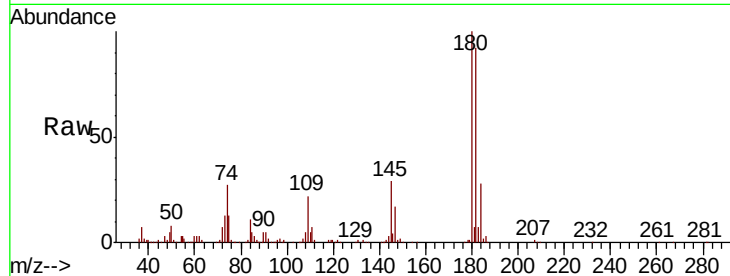




#93
 1,2,4-Trichlorobenzene
 Concen: 21.022 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VY003189.D
 Acq: 14 Jul 2020 12:33

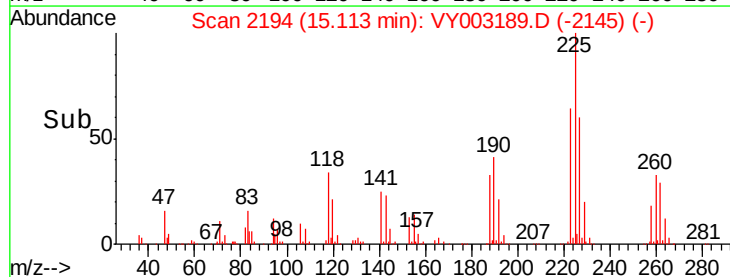
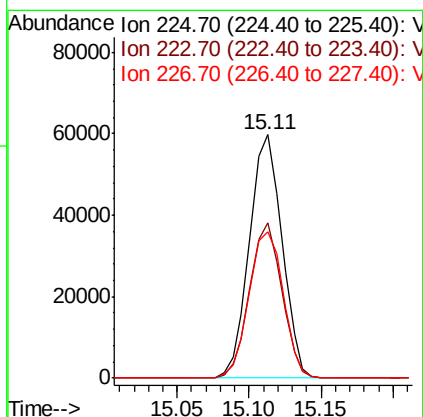
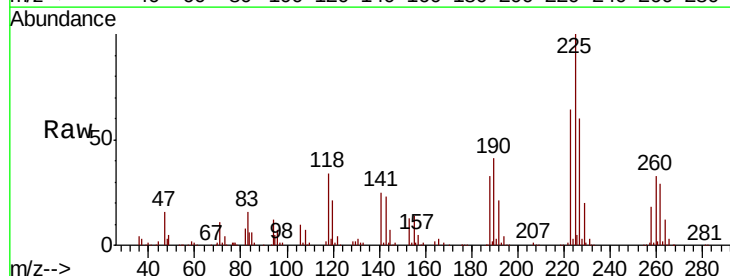
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0714SBS01

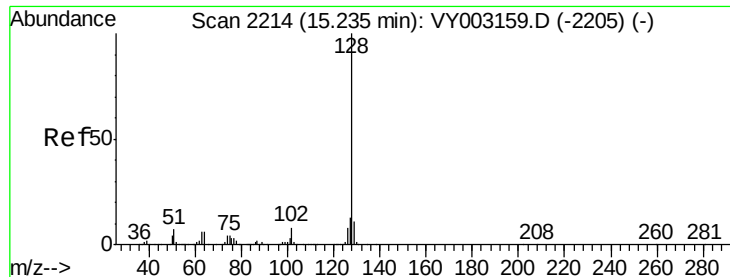
Tot Ion:180 Resp: 131919
 Ion Ratio Lower Upper
 180 100
 182 95.2 47.3 142.0
 145 28.0 13.7 41.1



#94
 Hexachlorobutadiene
 Concen: 21.777 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.00 min
 Lab File: VY003189.D
 Acq: 14 Jul 2020 12:33

Tgt Ion:225 Resp: 93637
 Ion Ratio Lower Upper
 225 100
 223 63.3 31.6 94.7
 227 63.1 32.3 96.8

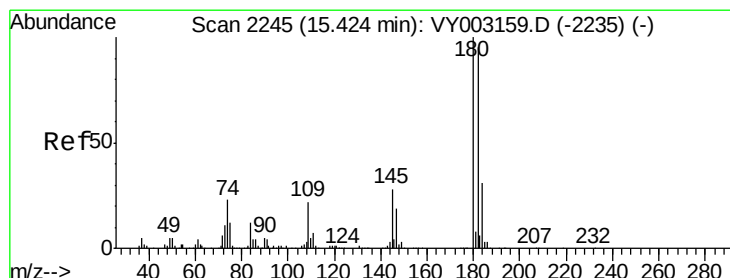
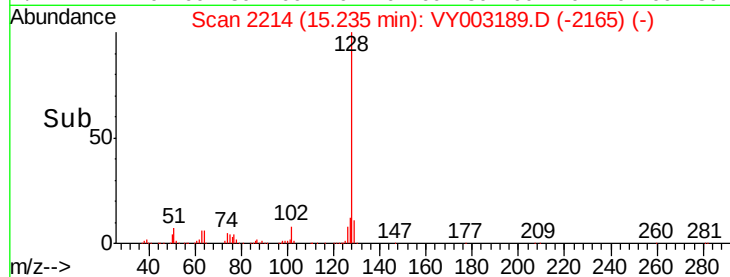
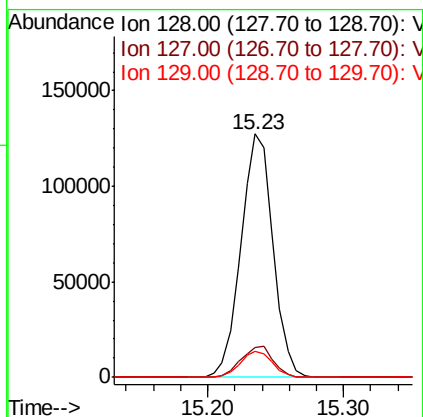
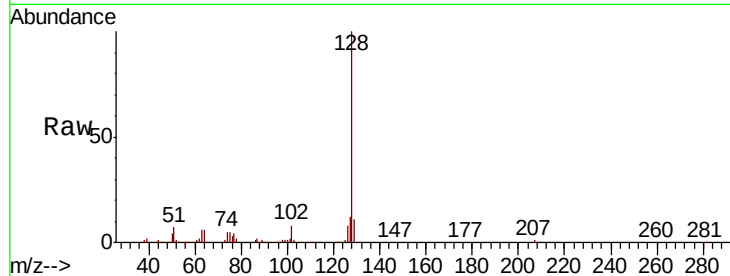




#95
Naphthalene
Concen: 20.173 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VY003189.D
Acq: 14 Jul 2020 12:33

Instrument :
MSVOA_Y
ClientSampleId :
VY0714SBS01

Tot Ion:128 Resp: 209208
Ion Ratio Lower Upper
128 100
127 12.9 10.9 16.3
129 10.8 9.0 13.6



#96
1,2,3-Trichlorobenzene
Concen: 20.572 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. 0.00 min
Lab File: VY003189.D
Acq: 14 Jul 2020 12:33

Tgt Ion:180 Resp: 102047
Ion Ratio Lower Upper
180 100
182 95.9 48.8 146.3
145 28.1 14.9 44.5

