

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY100520\
 Data File : VY003454.D
 Acq On : 05 Oct 2020 15:27
 Operator : SY/MD
 Sample : VSTDIC010
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 06 04:20:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y100520S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 06 04:18:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	454759	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	651208	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	614143	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	344824	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	45722	9.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	19.74%	
35) Dibromofluoromethane	7.73	113	38224	9.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	19.36%	
50) Toluene-d8	10.17	98	161355	9.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	19.54%	
62) 4-Bromofluorobenzene	12.48	95	54337	9.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	18.92%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.91	85	35376	10.011	ug/l 100
3) Chloromethane	2.12	50	49545	10.092	ug/l 96
4) Vinyl Chloride	2.26	62	52752	9.833	ug/l 96
5) Bromomethane	2.65	94	57485	11.344	ug/l 94
6) Chloroethane	2.80	64	33186	10.174	ug/l 99
7) Trichlorofluoromethane	3.13	101	68874	10.563	ug/l 98
8) Diethyl Ether	3.54	74	22154	10.178	ug/l 96
9) 1,1,2-Trichlorotrifluoroet	3.91	101	37651	10.349	ug/l 97
10) Methyl Iodide	4.09	142	7682	3.481	ug/l 98
11) Tert butyl alcohol	4.97	59	24198	56.173	ug/l 98
12) 1,1-Dichloroethene	3.88	96	36717	10.210	ug/l 98
13) Acrolein	3.74	56	22824	54.318	ug/l 96
14) Allyl chloride	4.49	41	65226	10.127	ug/l 99
15) Acrylonitrile	5.18	53	53204	51.267	ug/l 99
16) Acetone	3.96	43	57004	51.525	ug/l 98
17) Carbon Disulfide	4.20	76	121349	10.347	ug/l 98
18) Methyl Acetate	4.48	43	27839	10.484	ug/l 97
19) Methyl tert-butyl Ether	5.23	73	97423	10.246	ug/l 99
20) Methylene Chloride	4.72	84	55437	11.610	ug/l 99
21) trans-1,2-Dichloroethene	5.23	96	44281	10.564	ug/l 96
22) Diisopropyl ether	6.13	45	125192	10.412	ug/l 97
23) Vinyl Acetate	6.07	43	447348	50.594	ug/l 99
24) 1,1-Dichloroethane	6.02	63	77459	10.425	ug/l 96
25) 2-Butanone	6.99	43	81734	51.274	ug/l 99
26) 2,2-Dichloropropane	6.99	77	71152	10.715	ug/l 99
27) cis-1,2-Dichloroethene	6.99	96	47857	10.173	ug/l 99
28) Bromochloromethane	7.34	49	36284	9.924	ug/l 99
29) Tetrahydrofuran	7.36	42	49077	52.579	ug/l 99
30) Chloroform	7.51	83	77924	10.321	ug/l 98
31) Cyclohexane	7.79	56	70798	10.779	ug/l # 89
32) 1,1,1-Trichloroethane	7.71	97	71371	10.309	ug/l 98
36) 1,1-Dichloropropene	7.93	75	61352	10.055	ug/l 99
37) Ethyl Acetate	7.08	43	36976	10.297	ug/l 97
38) Carbon Tetrachloride	7.91	117	65491	10.273	ug/l 97

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

39) Methylcyclohexane	9.18	83	65808	9.737	ug/l	97
40) Benzene	8.16	78	174946	10.115	ug/l	99
41) Methacrylonitrile	7.35	41	48844	26.739	ug/l #	100
42) 1,2-Dichloroethane	8.24	62	56615	10.285	ug/l	99
43) Isopropyl Acetate	8.28	43	67245	9.943	ug/l	99
44) Trichloroethene	8.94	130	51779	10.174	ug/l	95
45) 1,2-Dichloropropane	9.22	63	44493	10.089	ug/l	97
46) Dibromomethane	9.30	93	25734	10.368	ug/l	99
47) Bromodichloromethane	9.50	83	61610	10.076	ug/l	98
48) Methyl methacrylate	9.29	41	31495	9.814	ug/l	99
49) 1,4-Dioxane	9.30	88	5945	201.978	ug/l	96
51) 4-Methyl-2-Pentanone	10.07	43	182082	50.749	ug/l	100
52) Toluene	10.24	92	111712	10.003	ug/l	98
53) t-1,3-Dichloropropene	10.46	75	65272	9.962	ug/l	97
54) cis-1,3-Dichloropropene	9.92	75	72649	9.941	ug/l	97
55) 1,1,2-Trichloroethane	10.64	97	36394	10.232	ug/l	97
56) Ethyl methacrylate	10.51	69	45597	9.396	ug/l	99
57) 1,3-Dichloropropane	10.79	76	62343	10.081	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.78	63	125188	49.686	ug/l	99
59) 2-Hexanone	10.83	43	125995	49.841	ug/l	99
60) Dibromochloromethane	10.98	129	44734	9.877	ug/l	100
61) 1,2-Dibromoethane	11.09	107	34199	9.947	ug/l	99
64) Tetrachloroethene	10.72	164	57059	10.373	ug/l	96
65) Chlorobenzene	11.52	112	124293	10.155	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	47070	10.087	ug/l	98
67) Ethyl Benzene	11.59	91	217782	9.893	ug/l	99
68) m/p-Xylenes	11.70	106	166854	19.886	ug/l	100
69) o-Xylene	12.03	106	76969	9.735	ug/l	98
70) Styrene	12.04	104	130845	9.704	ug/l	98
71) Bromoform	12.20	173	30883	9.893	ug/l #	98
73) Isopropylbenzene	12.33	105	211415	9.753	ug/l	100
74) N-amyl acetate	12.14	43	61736	9.917	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	41570	9.977	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	61265	20.603	ug/l #	100
77) Bromobenzene	12.60	156	58097	10.141	ug/l	97
78) n-propylbenzene	12.67	91	253276	9.844	ug/l	100
79) 2-Chlorotoluene	12.75	91	144017	9.973	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	183941	9.919	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	15068	9.551	ug/l	94
82) 4-Chlorotoluene	12.85	91	153147	10.008	ug/l	99
83) tert-Butylbenzene	13.07	119	155012	9.600	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	185982	9.934	ug/l	99
85) sec-Butylbenzene	13.25	105	220835	9.934	ug/l	100
86) p-Isopropyltoluene	13.36	119	206865	9.733	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	110091	10.018	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	111986	10.300	ug/l	98
89) n-Butylbenzene	13.69	91	190849	9.880	ug/l	100
90) Hexachloroethane	13.95	117	31632	9.464	ug/l	96
91) 1,2-Dichlorobenzene	13.74	146	99810	10.227	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.35	75	8386	10.758	ug/l	94

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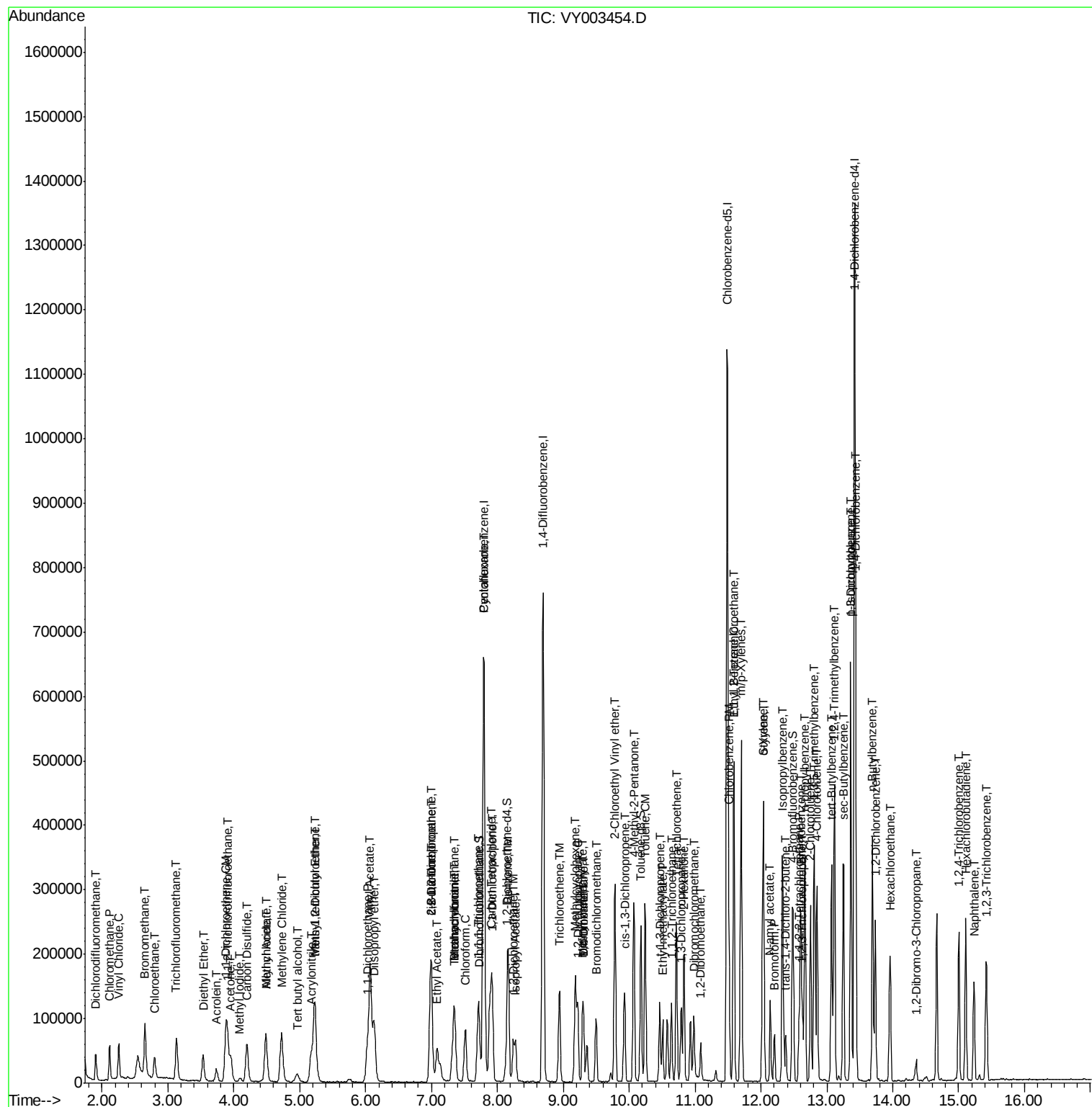
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	74064	10.226	ug/l	99
94) Hexachlorobutadiene	15.11	225	50088	10.627	ug/l	100
95) Naphthalene	15.23	128	124735	9.719	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	62889	9.982	ug/l	100

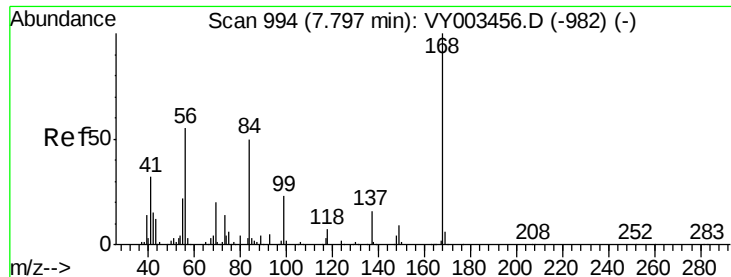
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.00 min

Lab File: VY003454.D

Acq: 05 Oct 2020 15:27

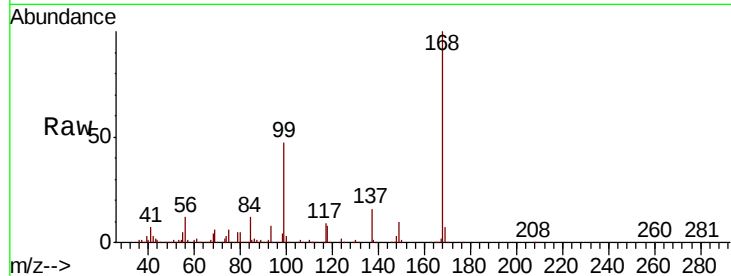
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:168 Resp: 454759

Ion Ratio Lower Upper

168 100

99 47.4 40.4 60.6



Abundance Ion 167.90 (167.60 to 168.60): VY003456.D (-982) (-)

Ion 98.90 (98.60 to 99.60): VY003456.D (-982) (-)

7.80

200000

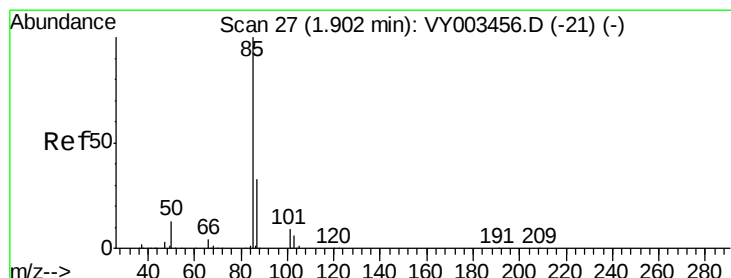
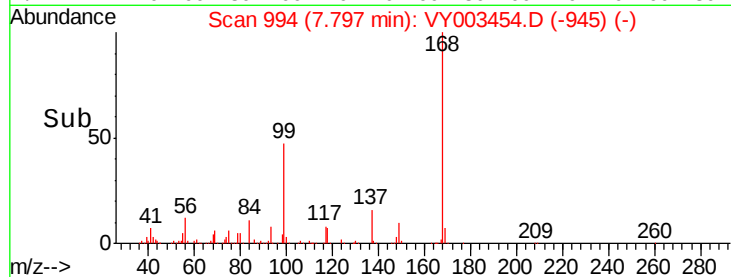
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 10.011 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.01 min

Lab File: VY003454.D

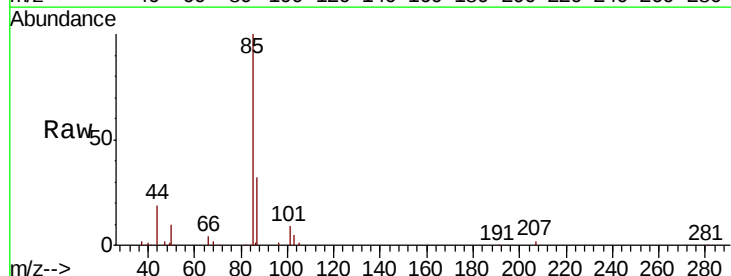
Acq: 05 Oct 2020 15:27

Tgt Ion: 85 Resp: 35376

Ion Ratio Lower Upper

85 100

87 32.4 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VY003456.D (-21) (-)

Ion 86.90 (86.60 to 87.60): VY003456.D (-21) (-)

1.91

25000

20000

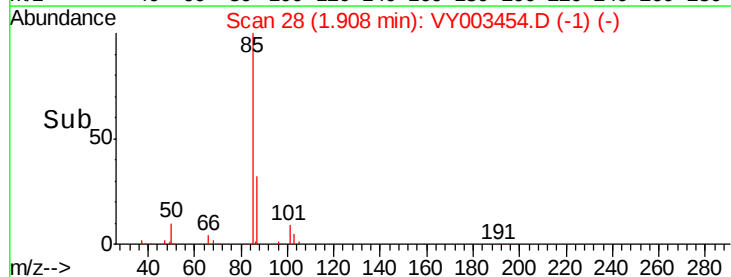
15000

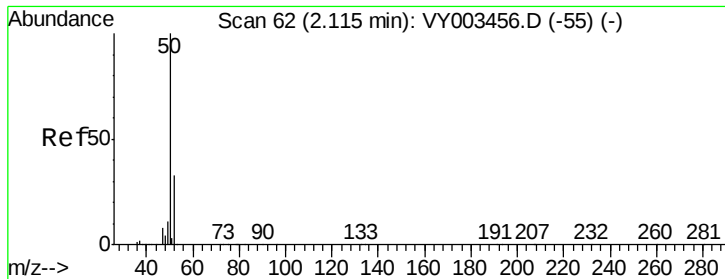
10000

5000

0

Time-->





#3

Chloromethane

Concen: 10.092 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY003454.D

Acq: 05 Oct 2020 15:27

Instrument :

MSVOA_Y

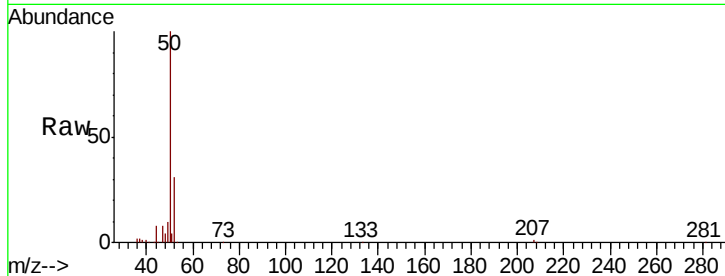
ClientSampleId :

Tot Ion: 50 Resp: 49545

Ion Ratio Lower Upper

50 100

52 31.0 26.4 39.6



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0

2.12

40000

30000

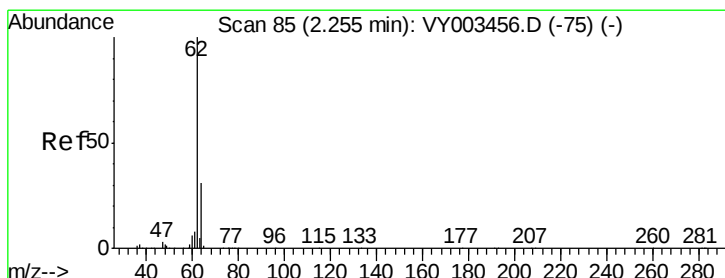
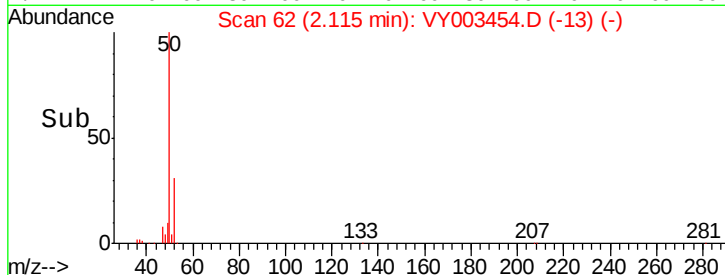
20000

10000

0

Time-->

2.05 2.10 2.15 2.20 2.25



#4

Vinyl Chloride

Concen: 9.833 ug/l

RT: 2.26 min Scan# 85

Delta R.T. -0.00 min

Lab File: VY003454.D

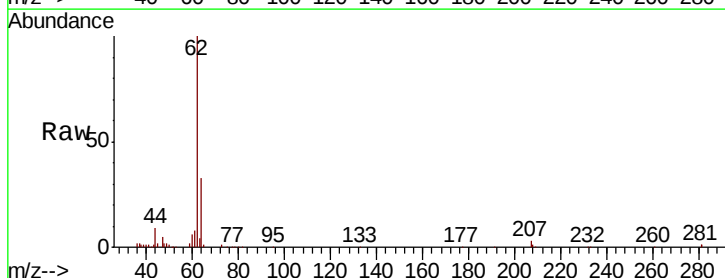
Acq: 05 Oct 2020 15:27

Tgt Ion: 62 Resp: 52752

Ion Ratio Lower Upper

62 100

64 32.8 24.6 36.8



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0

2.26

30000

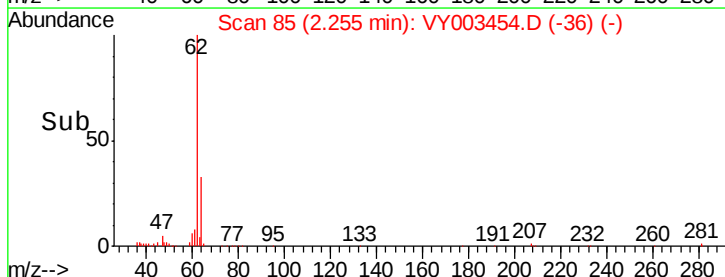
20000

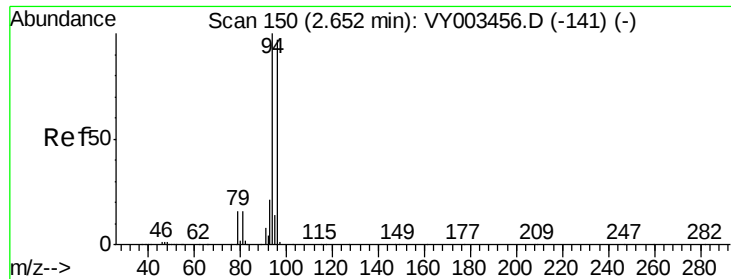
10000

0

Time-->

2.20 2.30 2.40





#5

Bromomethane

Concen: 11.344 ug/l

RT: 2.65 min Scan# 150

Delta R.T. -0.00 min

Lab File: VY003454.D

Acq: 05 Oct 2020 15:27

Instrument :

MSVOA_Y

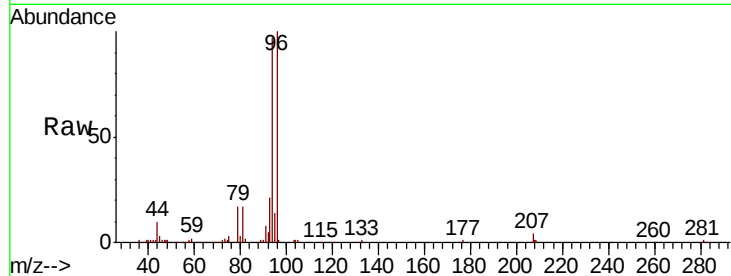
ClientSampleId :

Tot Ion: 94 Resp: 57485

Ion Ratio Lower Upper

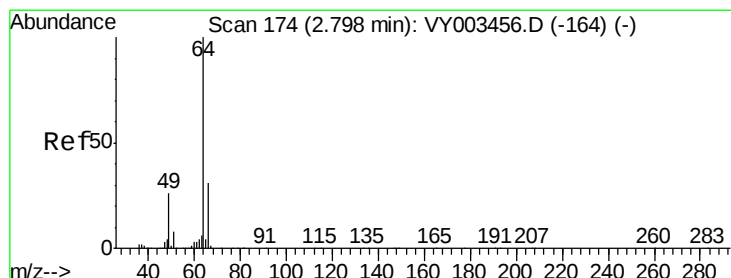
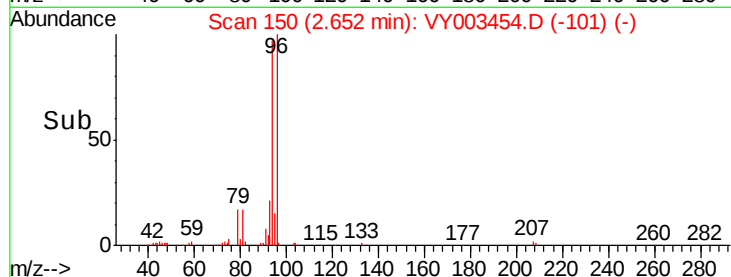
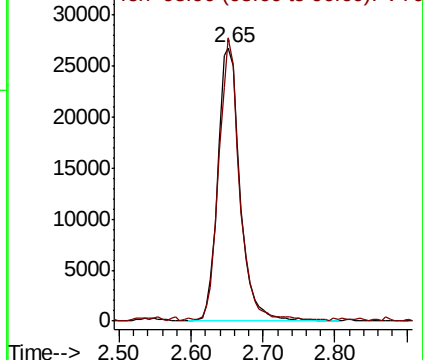
94 100

96 102.8 77.4 116.2



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 10.174 ug/l

RT: 2.80 min Scan# 174

Delta R.T. -0.00 min

Lab File: VY003454.D

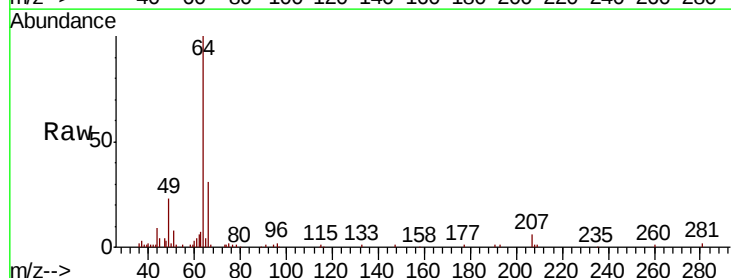
Acq: 05 Oct 2020 15:27

Tgt Ion: 64 Resp: 33186

Ion Ratio Lower Upper

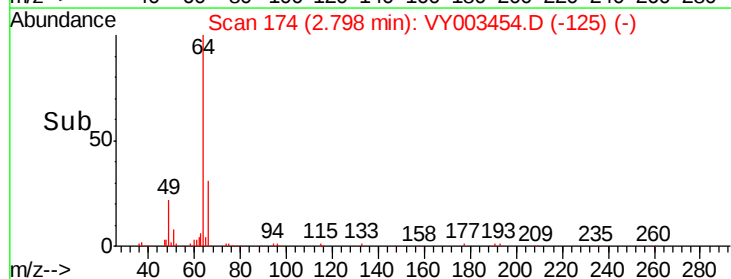
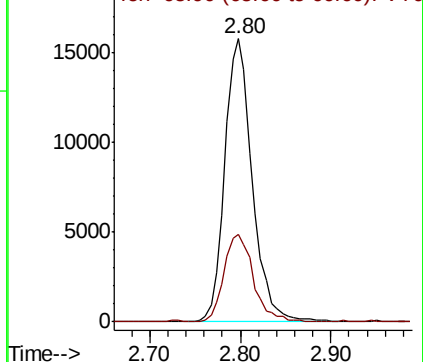
64 100

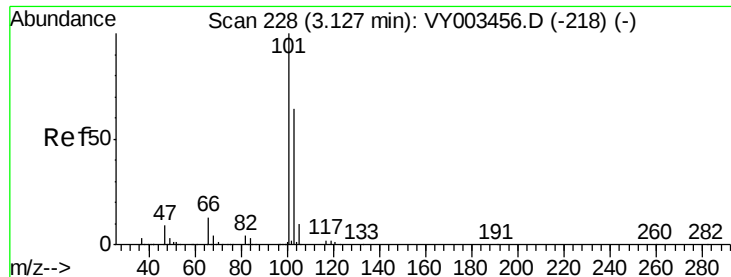
66 30.8 25.0 37.4



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



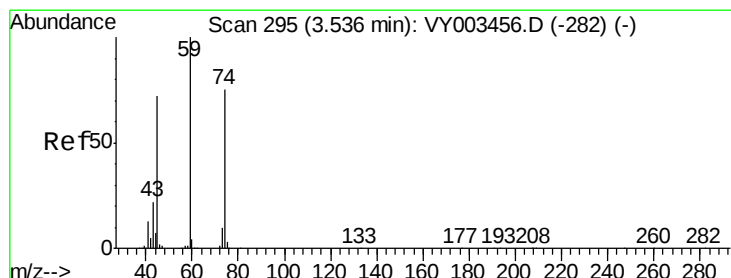
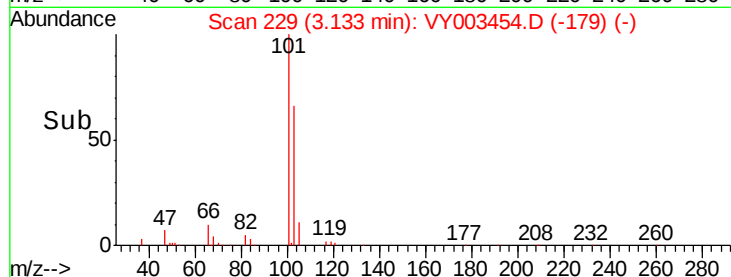
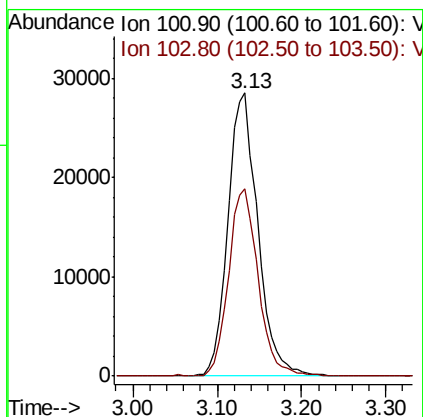
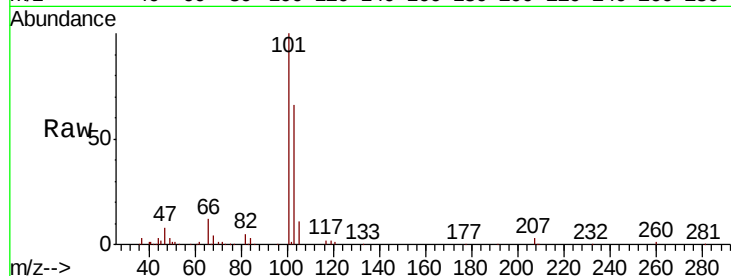


#7

Trichlorofluoromethane
Concen: 10.563 ug/l
RT: 3.13 min Scan# 229
Delta R.T. 0.01 min
Lab File: VY003454.D
Acq: 05 Oct 2020 15:27

Instrument :
MSVOA_Y
ClientSampleId :

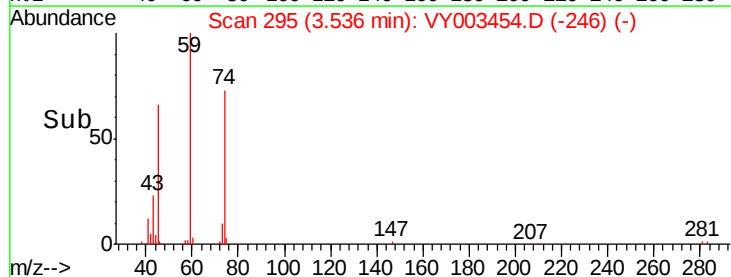
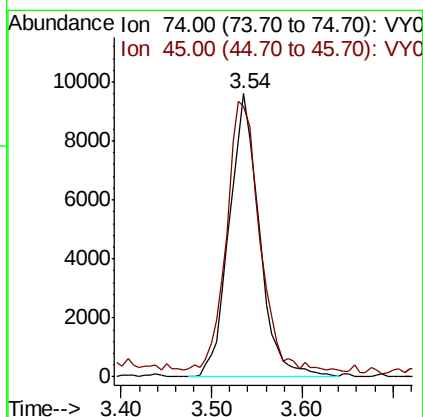
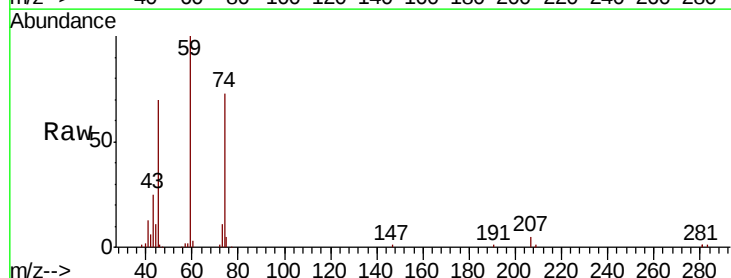
Tot Ion:101 Resp: 68874
Ion Ratio Lower Upper
101 100
103 66.2 51.6 77.4

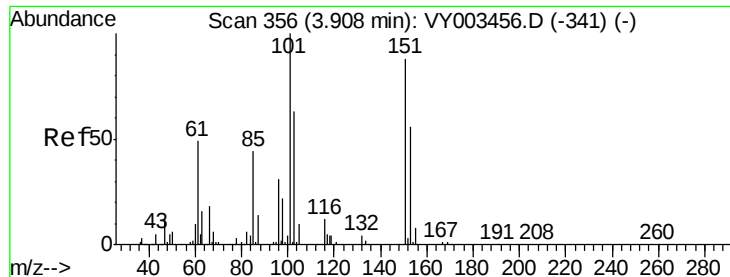


#8

Diethyl Ether
Concen: 10.178 ug/l
RT: 3.54 min Scan# 295
Delta R.T. -0.00 min
Lab File: VY003454.D
Acq: 05 Oct 2020 15:27

Tgt Ion: 74 Resp: 22154
Ion Ratio Lower Upper
74 100
45 105.7 50.9 152.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 10.349 ug/l

RT: 3.91 min Scan# 356

Delta R.T. -0.00 min

Lab File: VY003454.D

Acq: 05 Oct 2020 15:27

Instrument :

MSVOA_Y

ClientSampleId :

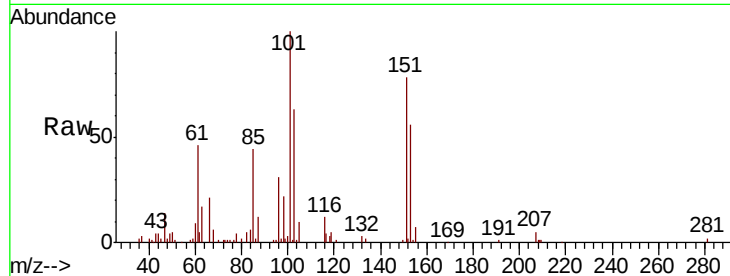
Tot Ion:101 Resp: 37651

Ion Ratio Lower Upper

101 100

85 44.6 35.5 53.3

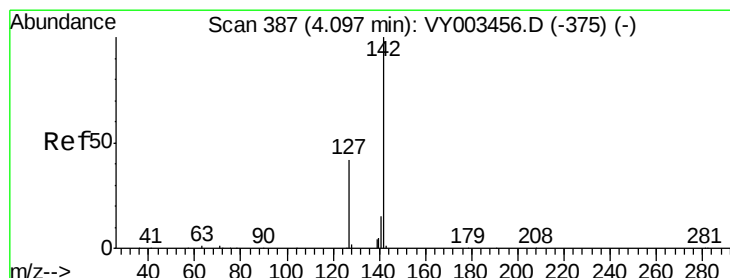
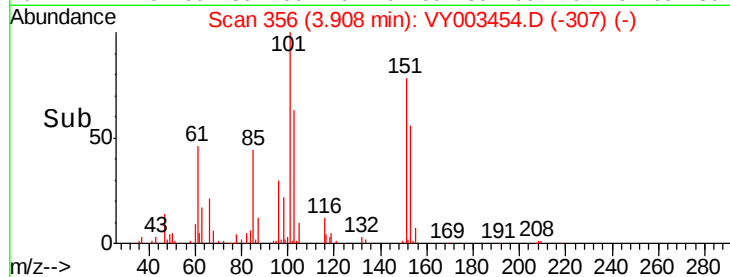
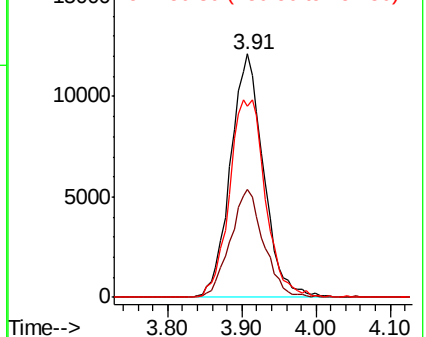
151 88.2 67.9 101.9



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: 3.481 ug/l

RT: 4.09 min Scan# 386

Delta R.T. -0.01 min

Lab File: VY003454.D

Acq: 05 Oct 2020 15:27

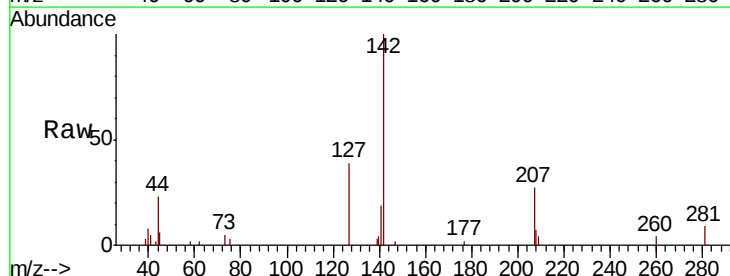
Tgt Ion:142 Resp: 7682

Ion Ratio Lower Upper

142 100

127 44.9 34.9 52.3

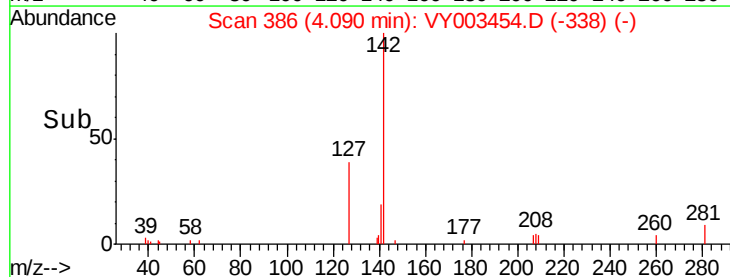
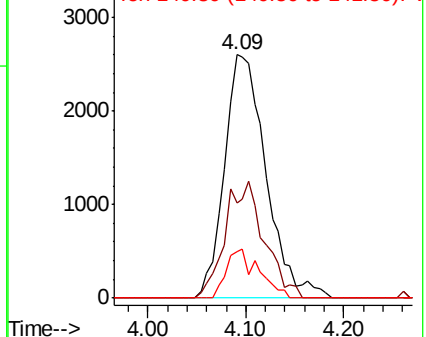
141 15.6 11.9 17.9

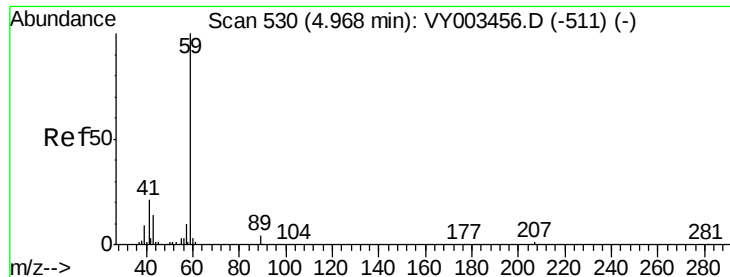


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

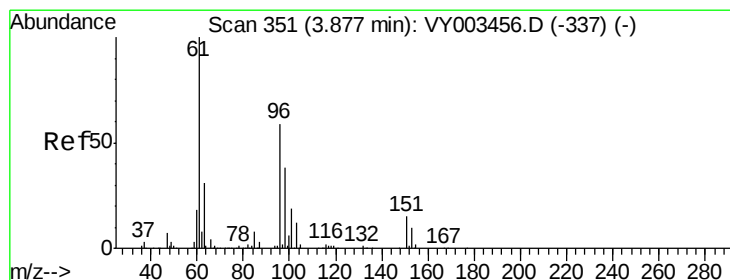
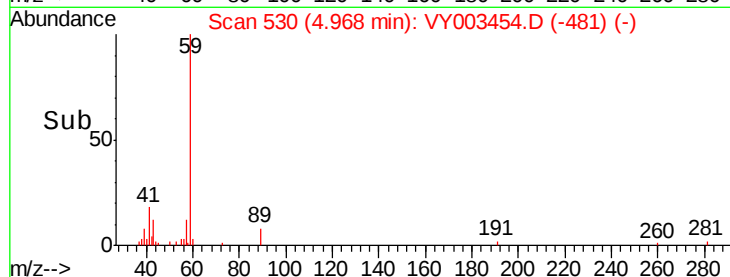
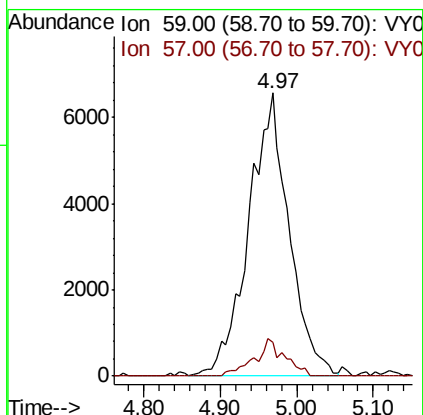
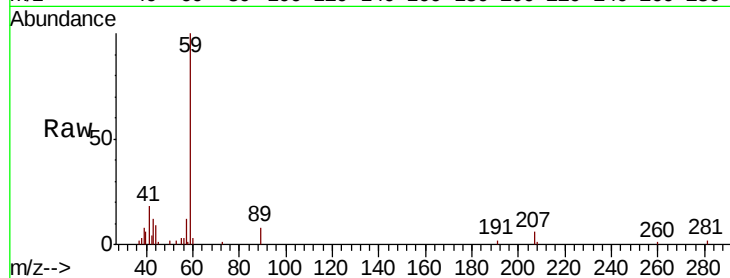




#11
Tert butyl alcohol
Concen: 56.173 ug/l
RT: 4.97 min Scan# 530
Delta R.T. -0.00 min
Lab File: VY003454.D
Acq: 05 Oct 2020 15:27

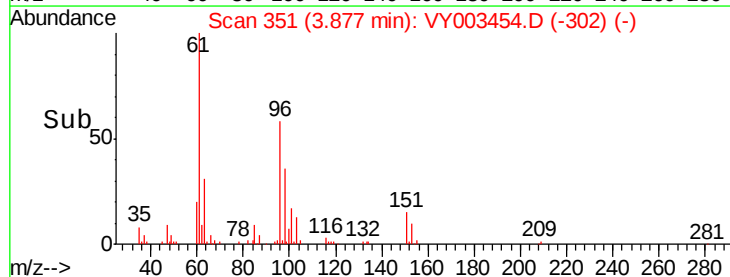
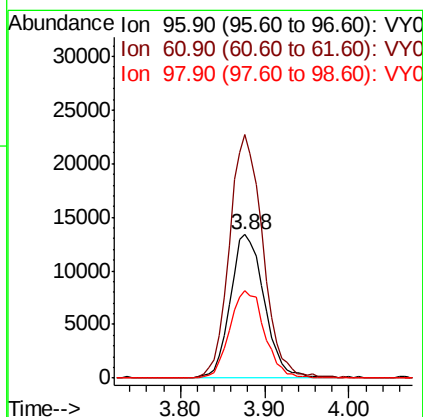
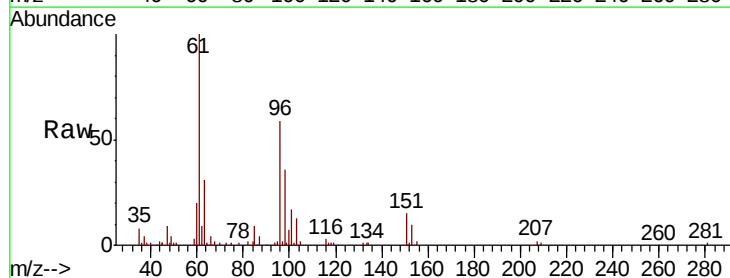
Instrument :
MSVOA_Y
ClientSampleId :

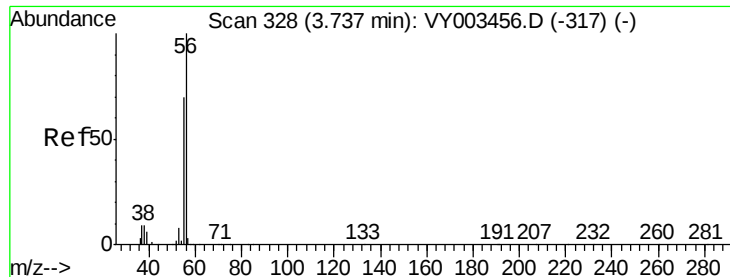
Tot Ion: 59 Resp: 24198
Ion Ratio Lower Upper
59 100
57 9.8 8.4 12.6



#12
1,1-Dichloroethene
Concen: 10.210 ug/l
RT: 3.88 min Scan# 351
Delta R.T. -0.00 min
Lab File: VY003454.D
Acq: 05 Oct 2020 15:27

Tgt Ion: 96 Resp: 36717
Ion Ratio Lower Upper
96 100
61 170.1 134.6 202.0
98 61.0 51.1 76.7





#13

Acrolein

Concen: 54.318 ug/l

RT: 3.74 min Scan# 328

Delta R.T. -0.00 min

Lab File: VY003454.D

Acq: 05 Oct 2020 15:27

Instrument :

MSVOA_Y

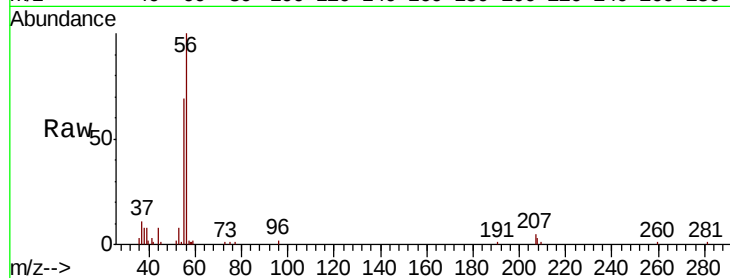
ClientSampleId :

Tot Ion: 56 Resp: 22824

Ion Ratio Lower Upper

56 100

55 69.0 57.9 86.9



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

3.74

10000

8000

6000

4000

2000

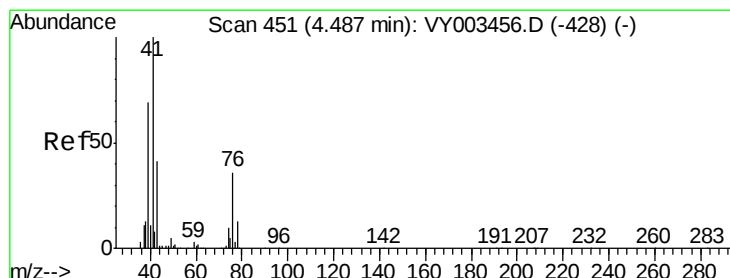
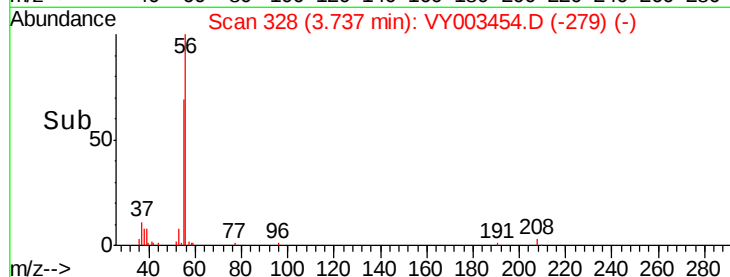
0

Time-->

3.60

3.70

3.80



#14

Allyl chloride

Concen: 10.127 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.00 min

Lab File: VY003454.D

Acq: 05 Oct 2020 15:27

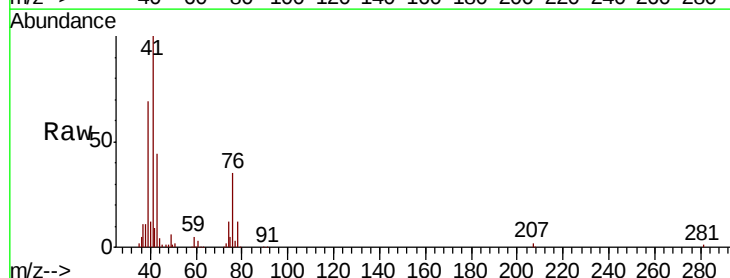
Tgt Ion: 41 Resp: 65226

Ion Ratio Lower Upper

41 100

39 68.0 54.6 82.0

76 35.5 27.5 41.3



Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0

4.49

25000

20000

15000

10000

5000

0

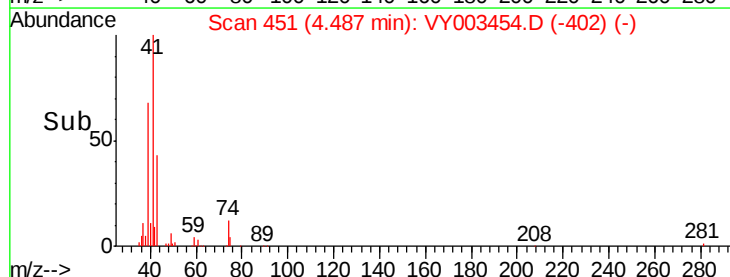
Time-->

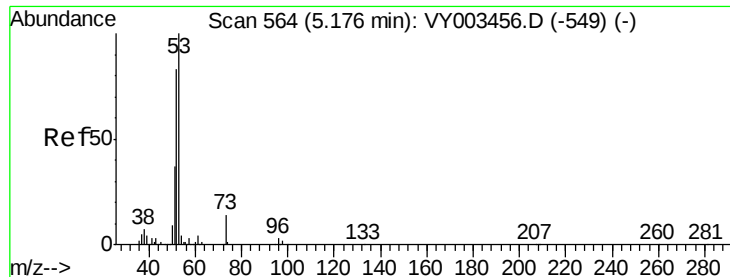
4.30

4.40

4.50

4.60

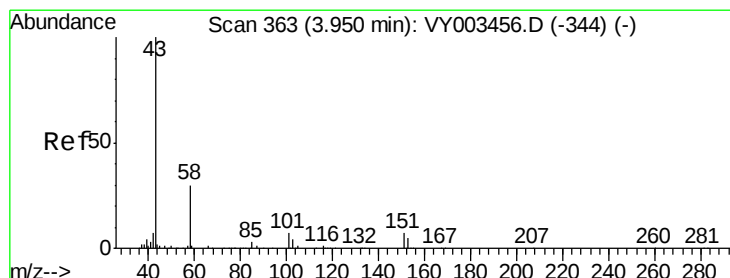
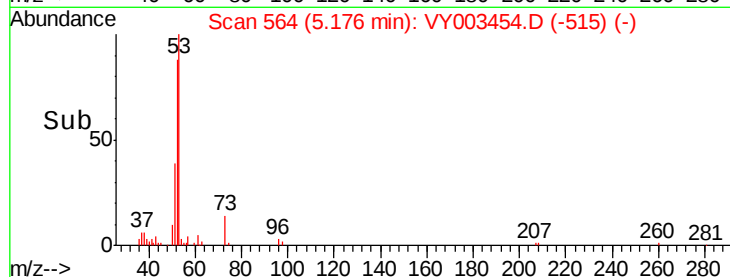
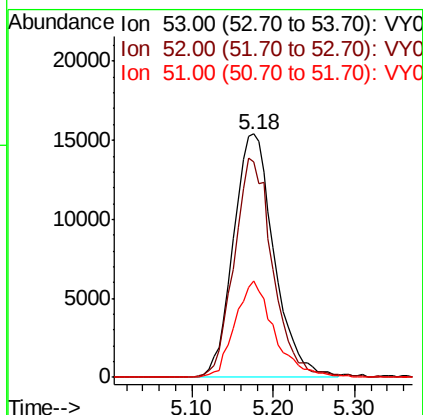
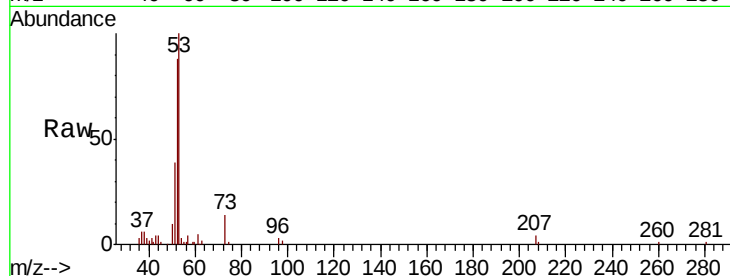




#15
 Acrylonitrile
 Concen: 51.267 ug/l
 RT: 5.18 min Scan# 564
 Delta R.T. -0.00 min
 Lab File: VY003454.D
 Acq: 05 Oct 2020 15:27

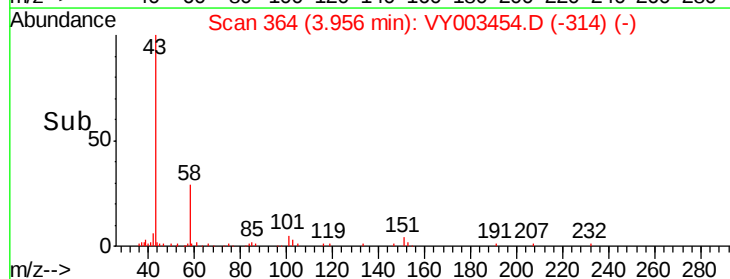
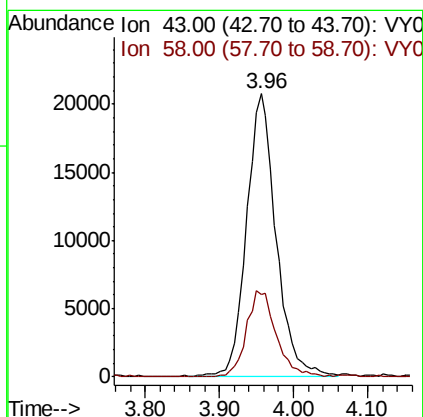
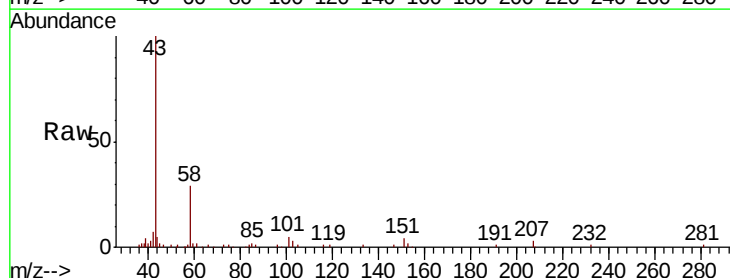
Instrument :
 MSVOA_Y
 ClientSampleId :

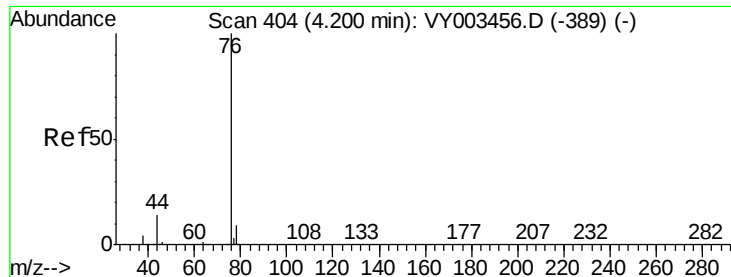
Tot Ion	53	Resp	53204
Ion	Ratio	Lower	Upper
53	100		
52	85.5	67.8	101.8
51	38.2	30.1	45.1



#16
 Acetone
 Concen: 51.525 ug/l
 RT: 3.96 min Scan# 364
 Delta R.T. 0.01 min
 Lab File: VY003454.D
 Acq: 05 Oct 2020 15:27

Tgt Ion	43	Resp	57004
Ion	Ratio	Lower	Upper
43	100		
58	29.0	23.8	35.8





#17

Carbon Disulfide

Concen: 10.347 ug/l

RT: 4.20 min Scan# 404

Delta R.T. -0.00 min

Lab File: VY003454.D

Acq: 05 Oct 2020 15:27

Instrument :

MSVOA_Y

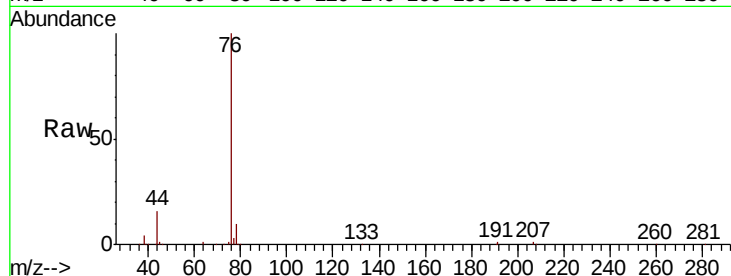
ClientSampleId :

Tot Ion: 76 Resp: 121349

Ion Ratio Lower Upper

76 100

78 9.8 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

4.20

40000

30000

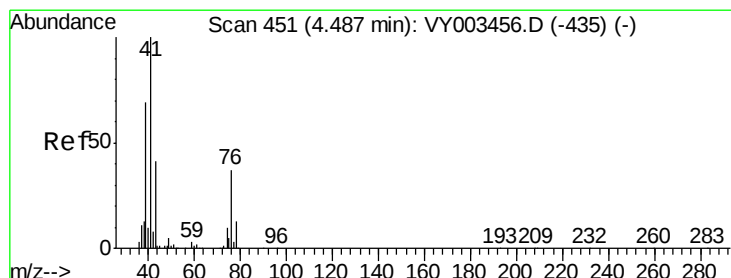
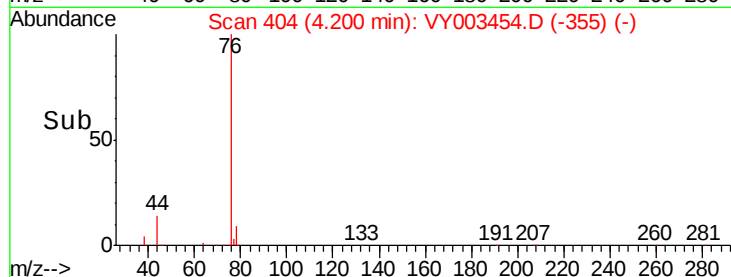
20000

10000

0

Time-->

4.10 4.20 4.30 4.40



#18

Methyl Acetate

Concen: 10.484 ug/l

RT: 4.48 min Scan# 450

Delta R.T. -0.01 min

Lab File: VY003454.D

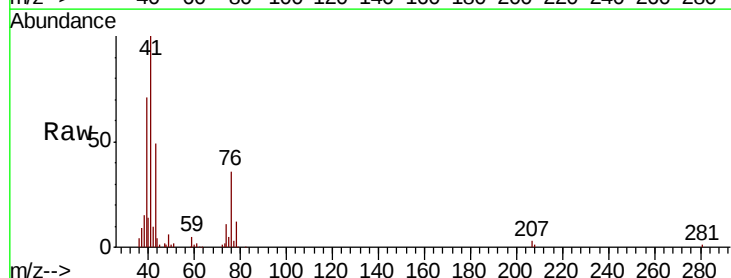
Acq: 05 Oct 2020 15:27

Tgt Ion: 43 Resp: 27839

Ion Ratio Lower Upper

43 100

74 24.1 18.0 27.0



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0

4.48

10000

8000

6000

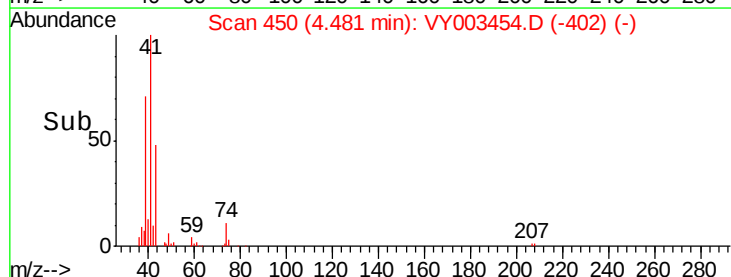
4000

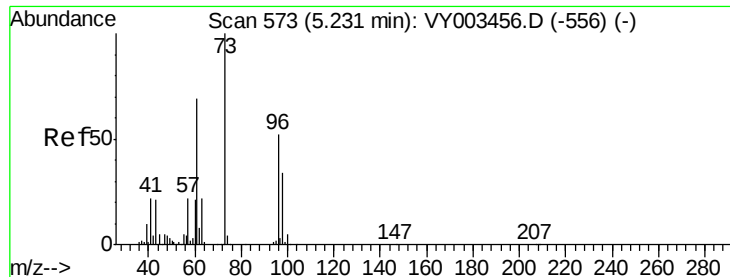
2000

0

Time-->

4.40 4.50 4.60



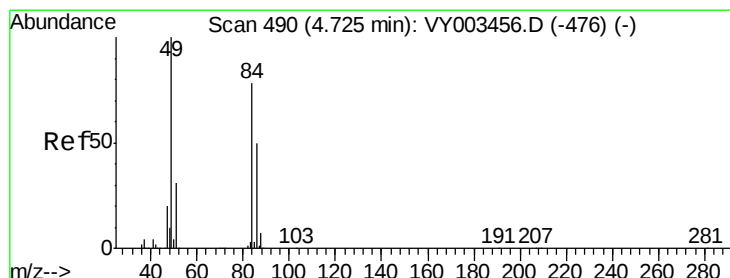
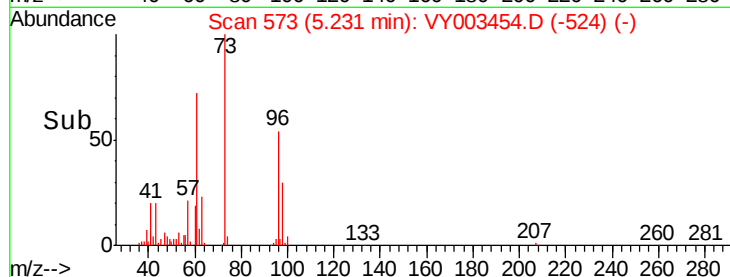
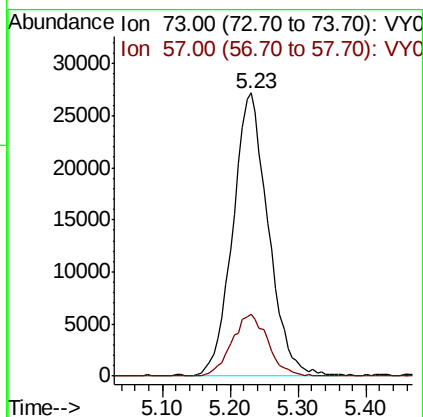
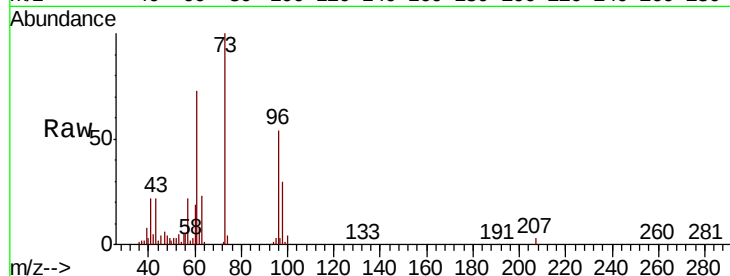


#19

Methyl tert-butyl Ether
 Concen: 10.246 ug/l
 RT: 5.23 min Scan# 573
 Delta R.T. -0.00 min
 Lab File: VY003454.D
 Acq: 05 Oct 2020 15:27

Instrument :
 MSVOA_Y
 ClientSampleId :

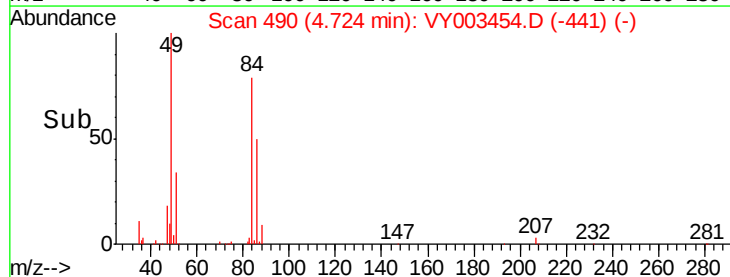
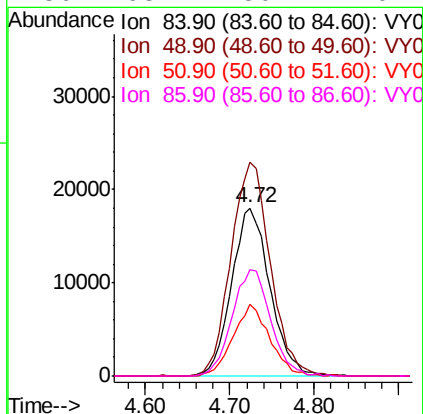
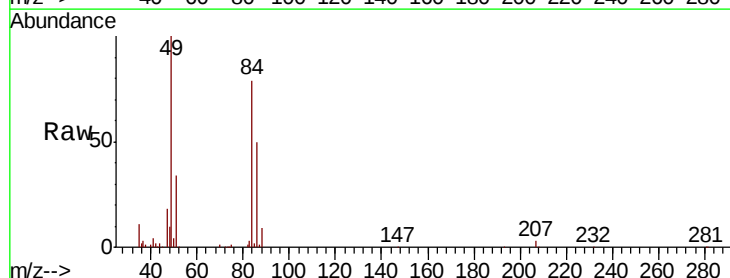
Tot Ion: 73 Resp: 97423
 Ion Ratio Lower Upper
 73 100
 57 21.8 17.9 26.9

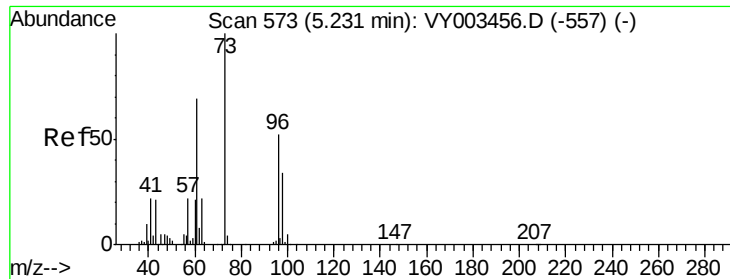


#20

Methylene Chloride
 Concen: 11.610 ug/l
 RT: 4.72 min Scan# 490
 Delta R.T. -0.00 min
 Lab File: VY003454.D
 Acq: 05 Oct 2020 15:27

Tgt Ion: 84 Resp: 55437
 Ion Ratio Lower Upper
 84 100
 49 127.0 102.2 153.2
 51 42.9 32.0 48.0
 86 63.2 50.7 76.1





#21

trans-1,2-Dichloroethene

Concen: 10.564 ug/l

RT: 5.23 min Scan# 573

Delta R.T. -0.00 min

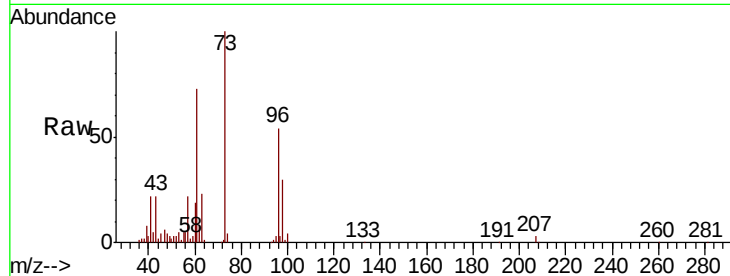
Lab File: VY003454.D

Acq: 05 Oct 2020 15:27

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 96 Resp: 44281

Ion	Ratio	Lower	Upper
96	100		
61	134.5	107.6	161.4
98	55.7	52.1	78.1

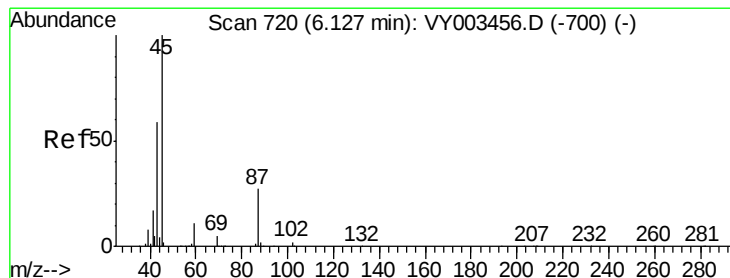
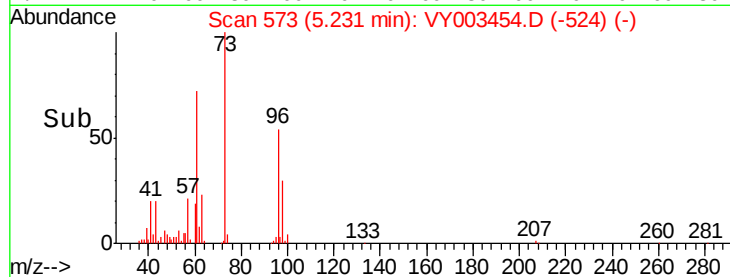
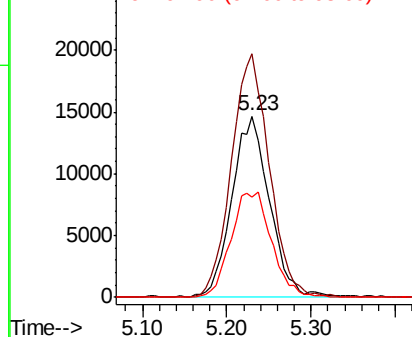


Abundance

Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 97.90 (97.60 to 98.60): VY0



#22

Diisopropyl ether

Concen: 10.412 ug/l

RT: 6.13 min Scan# 720

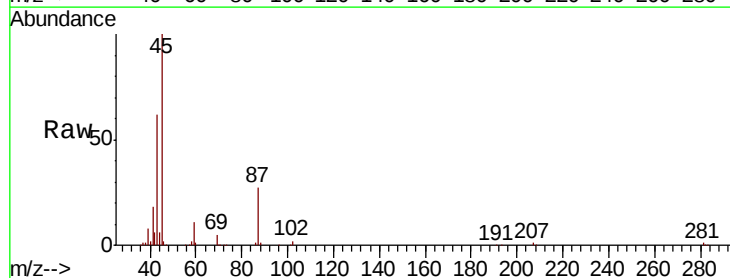
Delta R.T. -0.00 min

Lab File: VY003454.D

Acq: 05 Oct 2020 15:27

Tgt Ion: 45 Resp: 125192

Ion	Ratio	Lower	Upper
45	100		
43	62.2	47.5	71.3
87	26.9	22.2	33.2
59	10.7	9.0	13.4



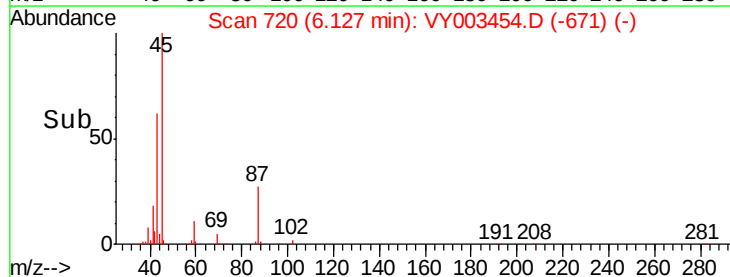
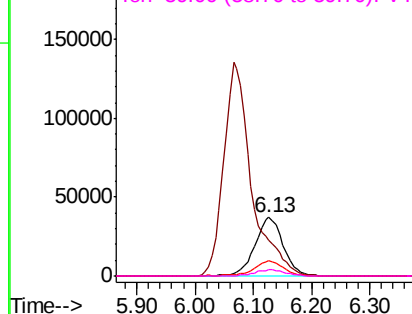
Abundance

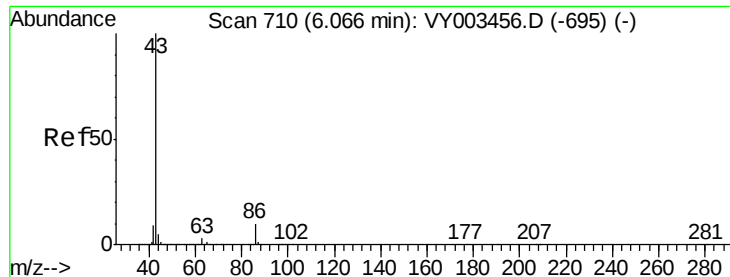
Ion 45.00 (44.70 to 45.70): VY0

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: 50.594 ug/l

RT: 6.07 min Scan# 710

Delta R.T. -0.00 min

Lab File: VY003454.D

Acq: 05 Oct 2020 15:27

Instrument :

MSVOA_Y

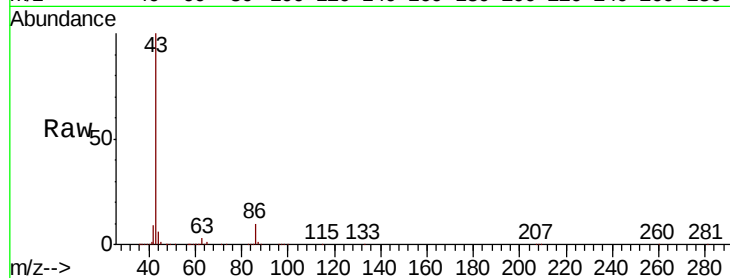
ClientSampled :

Tot Ion: 43 Resp: 447348

Ion Ratio Lower Upper

43 100

86 9.7 8.1 12.1



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

6.07

150000

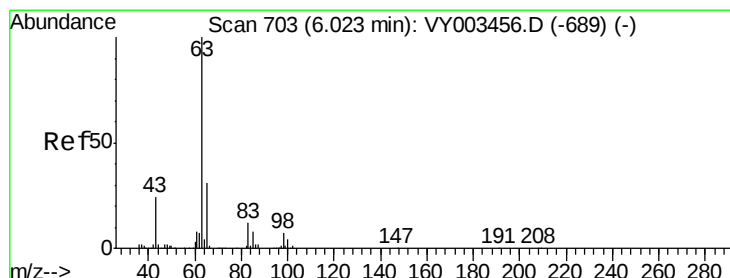
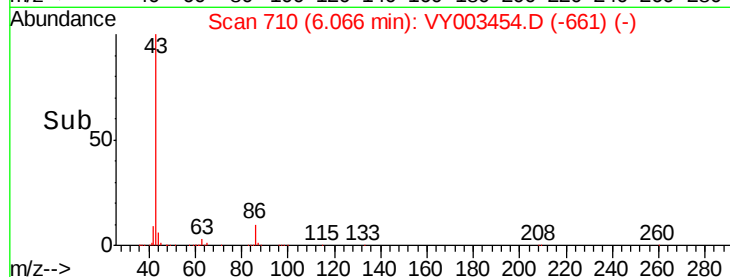
100000

50000

0

Time-->

5.90 6.00 6.10 6.20 6.30



#24

1,1-Dichloroethane

Concen: 10.425 ug/l

RT: 6.02 min Scan# 703

Delta R.T. -0.00 min

Lab File: VY003454.D

Acq: 05 Oct 2020 15:27

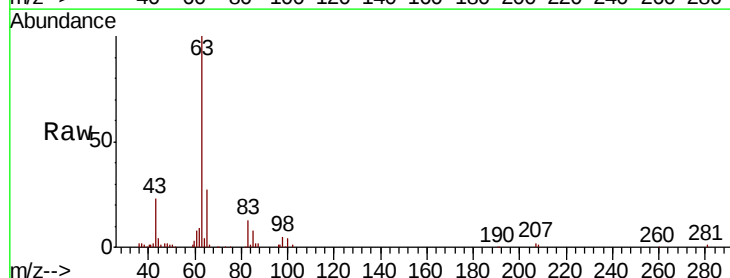
Tgt Ion: 63 Resp: 77459

Ion Ratio Lower Upper

63 100

98 5.0 3.4 10.2

100 3.7 2.2 6.6



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

6.02

30000

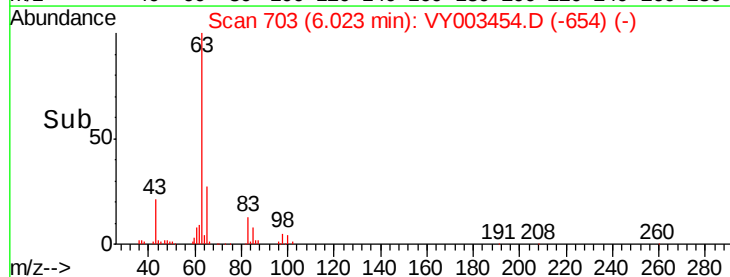
20000

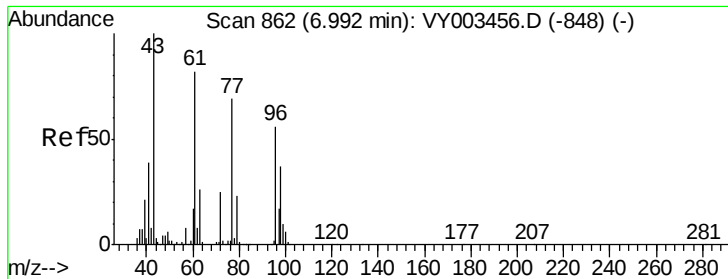
10000

0

Time-->

5.90 6.00 6.10





#25

2-Butanone

Concen: 51.274 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.00 min

Lab File: VY003454.D

Acq: 05 Oct 2020 15:27

Instrument :

MSVOA_Y

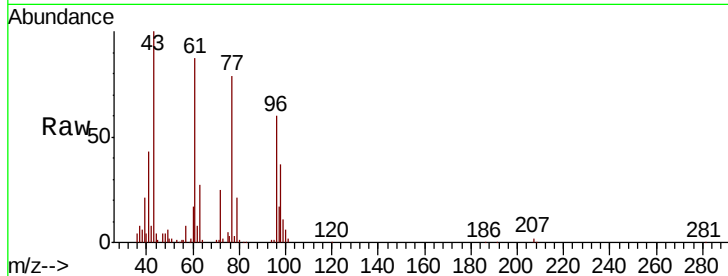
ClientSampleId :

Tot Ion: 43 Resp: 81734

Ion Ratio Lower Upper

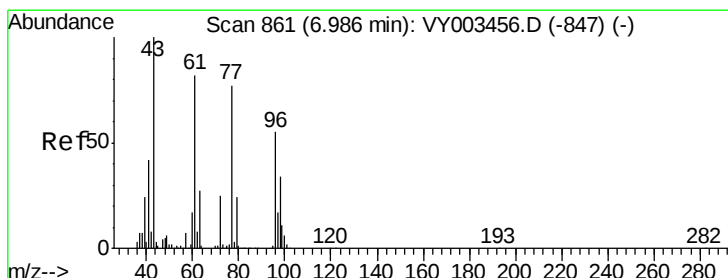
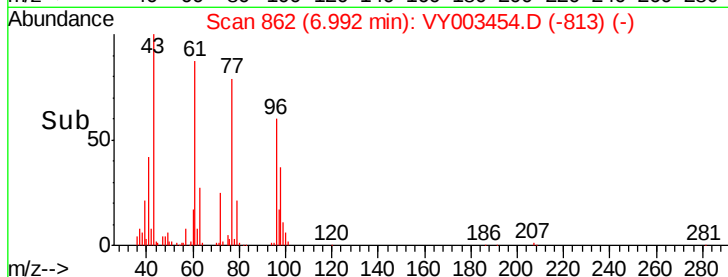
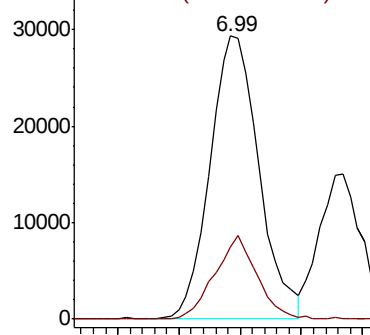
43 100

72 25.4 20.0 30.0



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0



#26

2,2-Dichloropropane

Concen: 10.715 ug/l

RT: 6.99 min Scan# 861

Delta R.T. -0.00 min

Lab File: VY003454.D

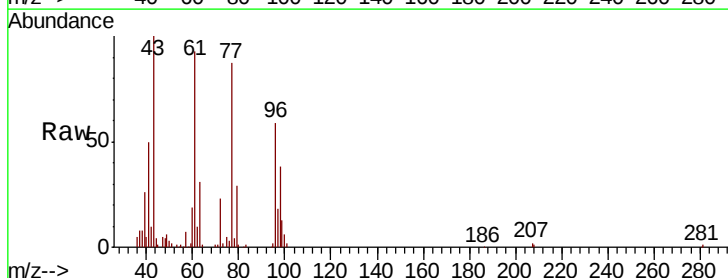
Acq: 05 Oct 2020 15:27

Tgt Ion: 77 Resp: 71152

Ion Ratio Lower Upper

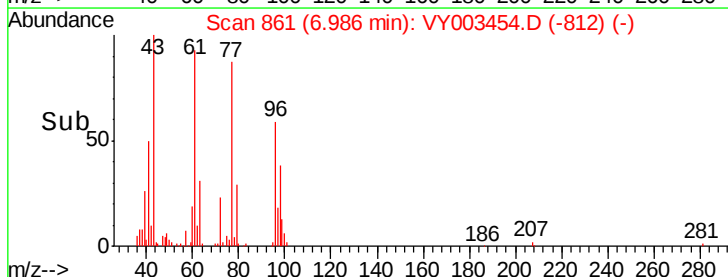
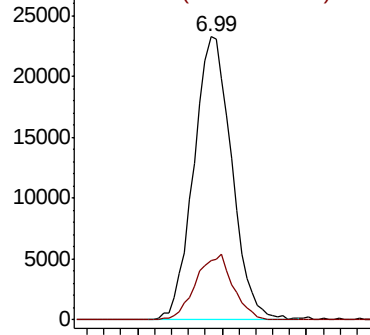
77 100

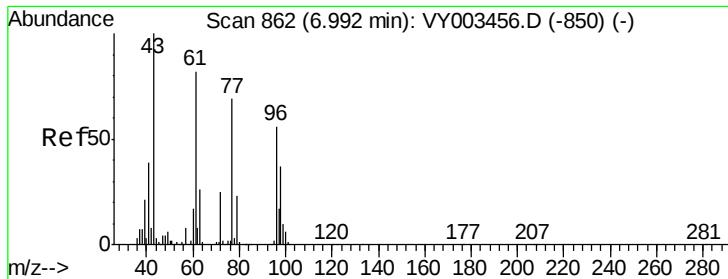
97 22.4 11.4 34.2



Abundance Ion 76.90 (76.60 to 77.60): VY0

Ion 96.90 (96.60 to 97.60): VY0



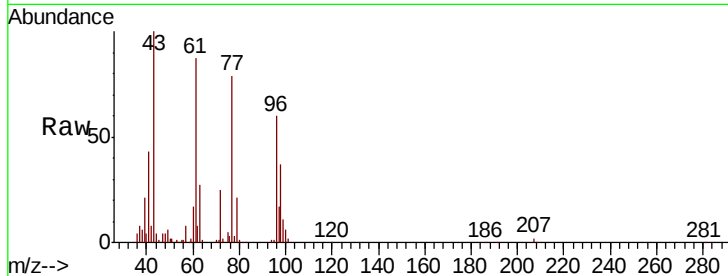


#27

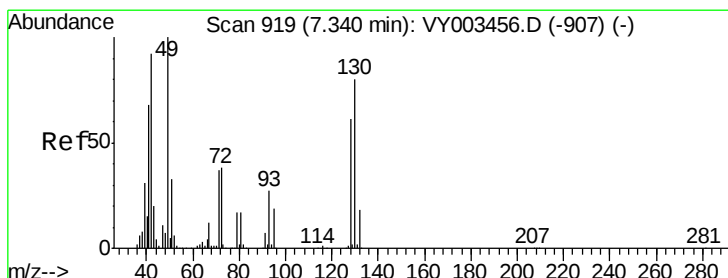
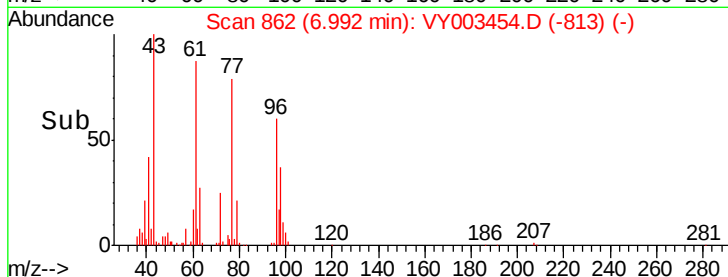
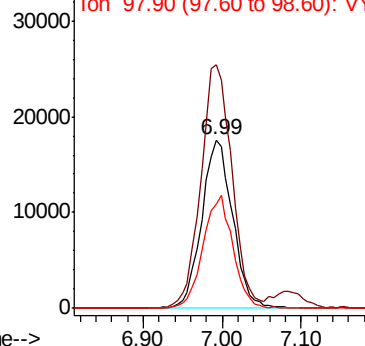
cis-1,2-Dichloroethene
 Concen: 10.173 ug/l
 RT: 6.99 min Scan# 862
 Delta R.T. -0.00 min
 Lab File: VY003454.D
 Acq: 05 Oct 2020 15:27

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
96	100		
61	145.7	0.0	295.2
98	64.7	0.0	129.0



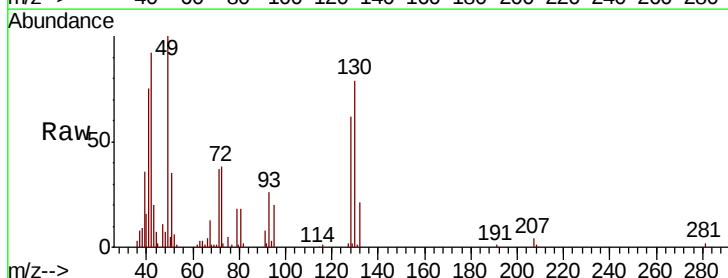
Abundance Ion 95.90 (95.60 to 96.60): VY0
 Ion 60.90 (60.60 to 61.60): VY0
 Ion 97.90 (97.60 to 98.60): VY0



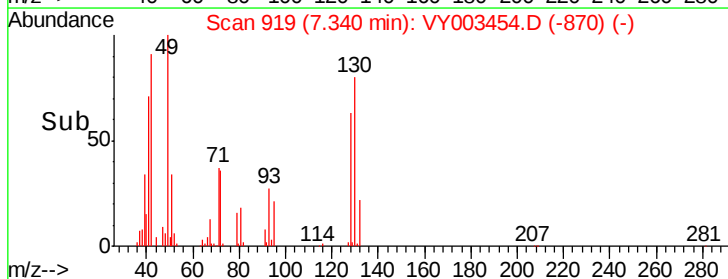
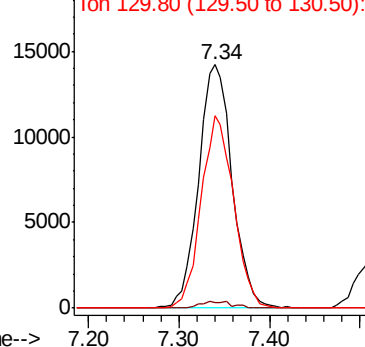
#28

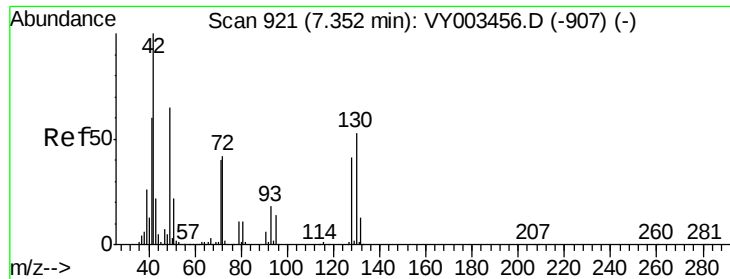
Bromochloromethane
 Concen: 9.924 ug/l
 RT: 7.34 min Scan# 919
 Delta R.T. -0.00 min
 Lab File: VY003454.D
 Acq: 05 Oct 2020 15:27

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	4.4
130	76.7	62.4	93.6



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: 52.579 ug/l

RT: 7.36 min Scan# 922

Delta R.T. 0.01 min

Lab File: VY003454.D

Acq: 05 Oct 2020 15:27

Instrument :

MSVOA_Y

ClientSampleId :

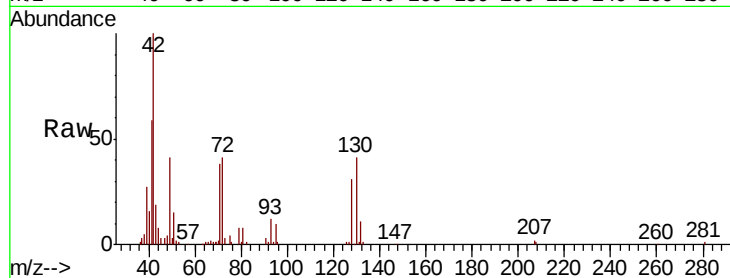
Tot Ion: 42 Resp: 49077

Ion Ratio Lower Upper

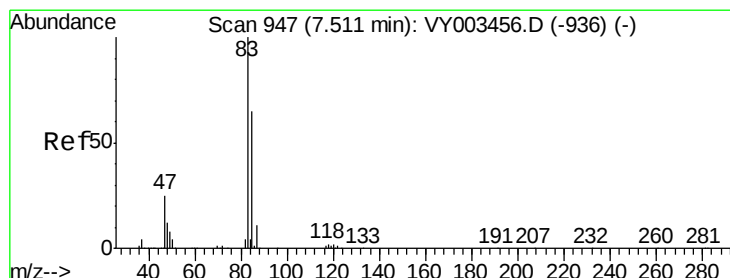
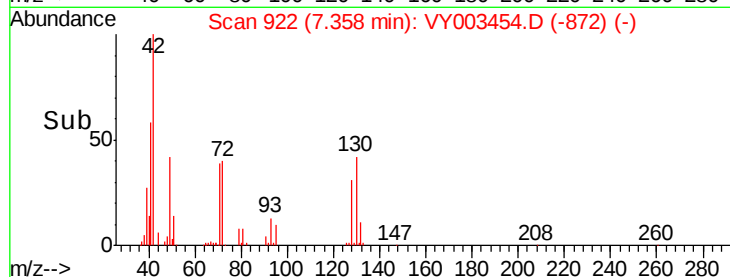
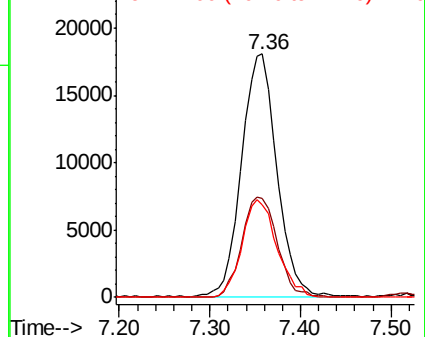
42 100

72 41.2 33.3 49.9

71 39.2 31.7 47.5



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: 10.321 ug/l

RT: 7.51 min Scan# 947

Delta R.T. -0.00 min

Lab File: VY003454.D

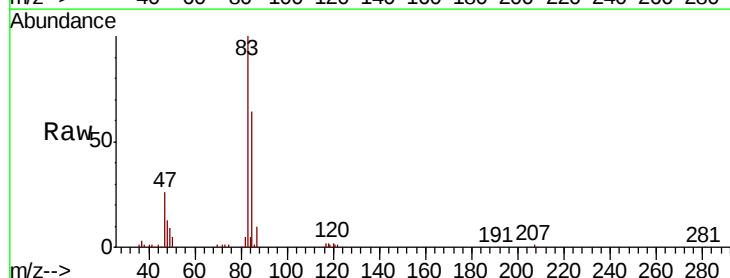
Acq: 05 Oct 2020 15:27

Tgt Ion: 83 Resp: 77924

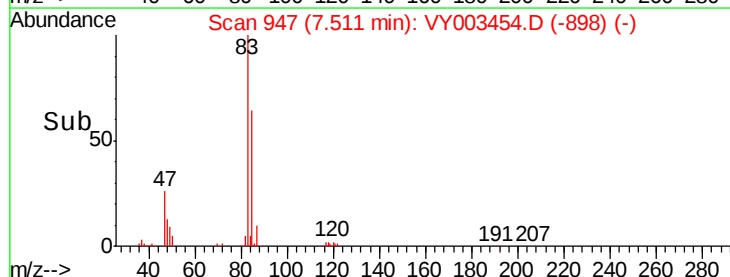
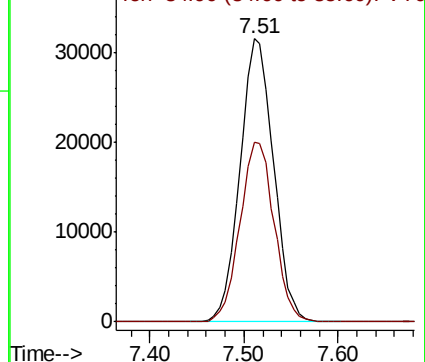
Ion Ratio Lower Upper

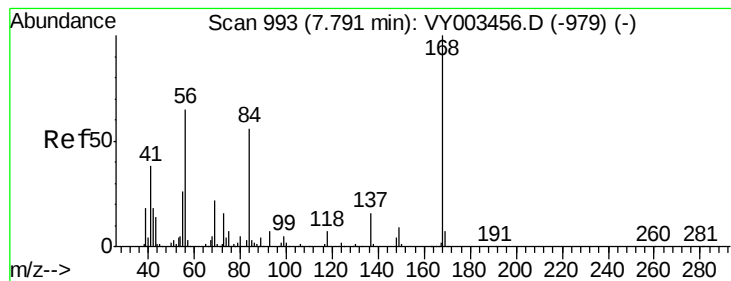
83 100

85 63.6 52.2 78.4



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





#31

Cyclohexane

Concen: 10.779 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.00 min

Lab File: VY003454.D

Acq: 05 Oct 2020 15:27

Instrument :

MSVOA_Y

ClientSampleId :

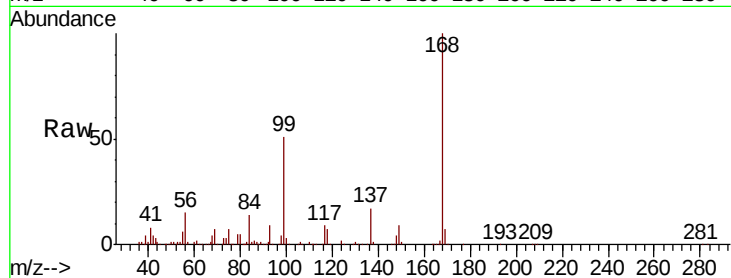
Tot Ion: 56 Resp: 70798

Ion Ratio Lower Upper

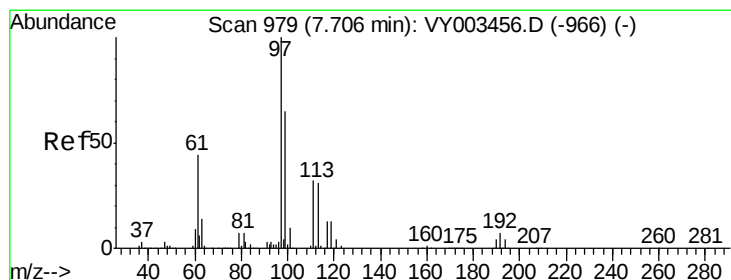
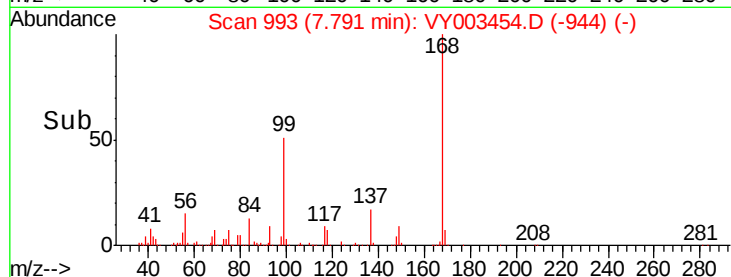
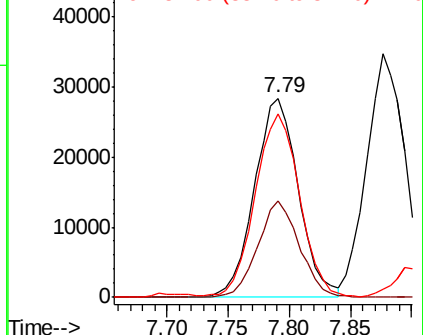
56 100

69 48.1 26.8 40.2#

84 90.8 69.1 103.7



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



#32

1,1,1-Trichloroethane

Concen: 10.309 ug/l

RT: 7.71 min Scan# 979

Delta R.T. -0.00 min

Lab File: VY003454.D

Acq: 05 Oct 2020 15:27

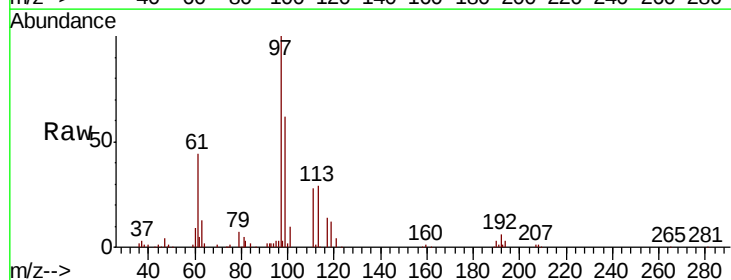
Tgt Ion: 97 Resp: 71371

Ion Ratio Lower Upper

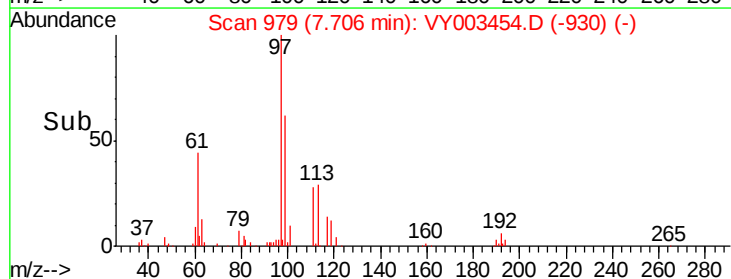
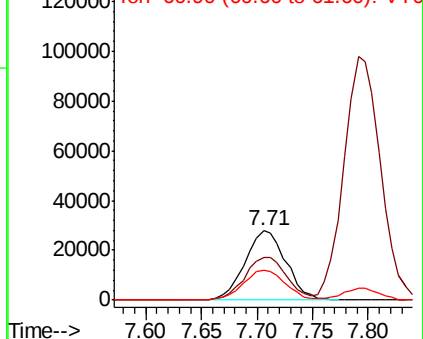
97 100

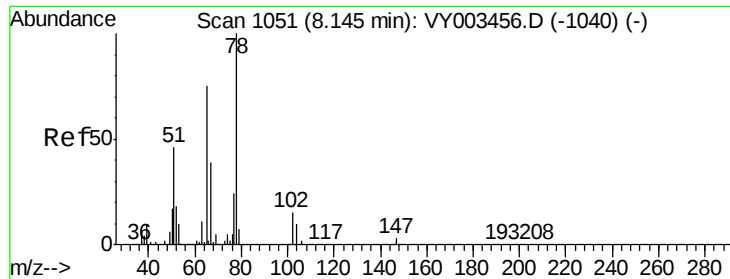
99 63.5 51.5 77.3

61 44.6 34.4 51.6



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

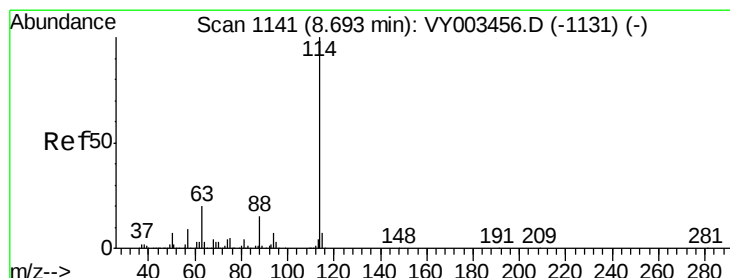
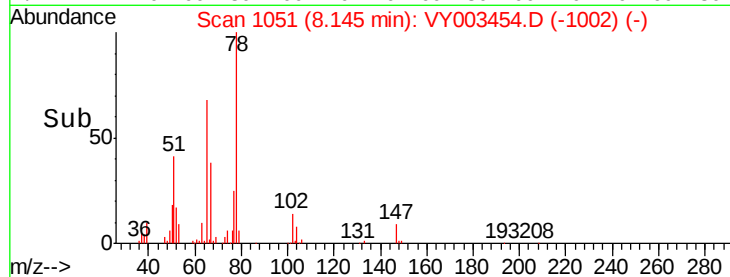
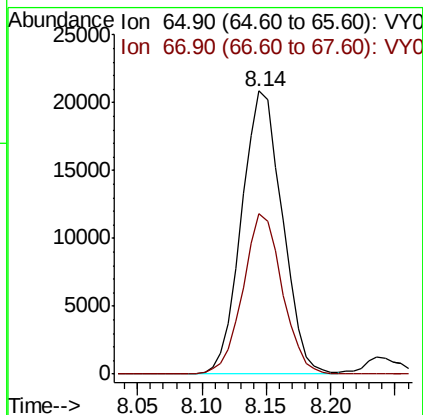
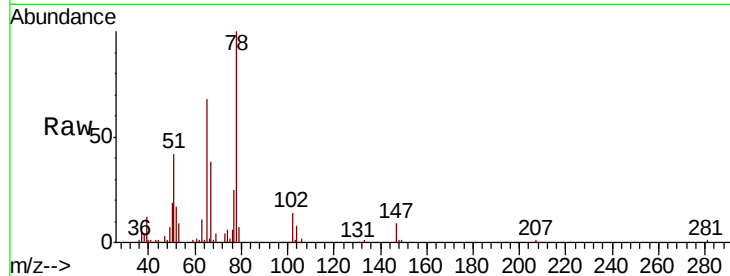




#33
 1,2-Dichloroethane-d4
 Concen: 9.867 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VY003454.D
 Acq: 05 Oct 2020 15:27

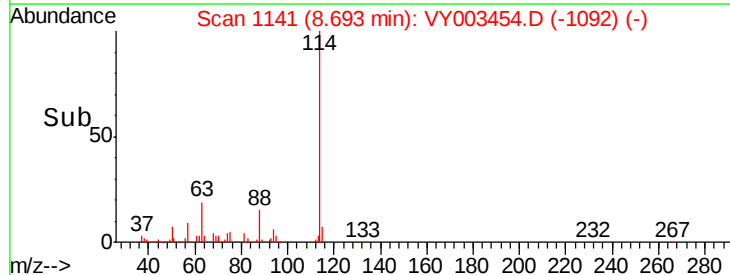
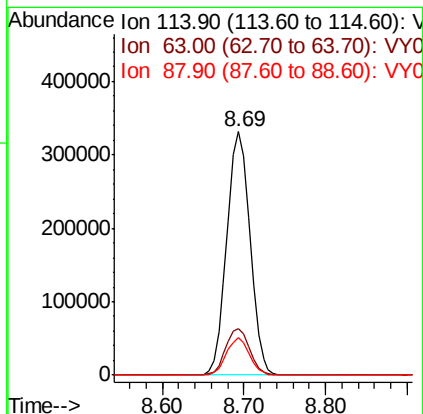
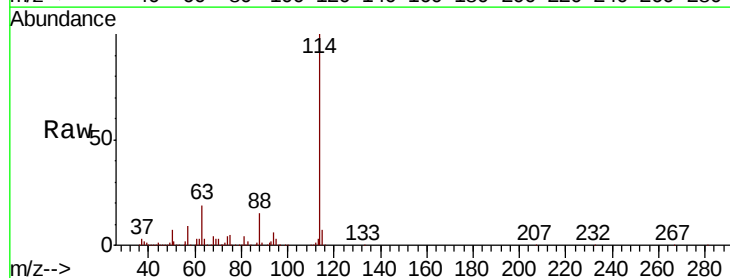
Instrument :
 MSVOA_Y
 ClientSampleId :

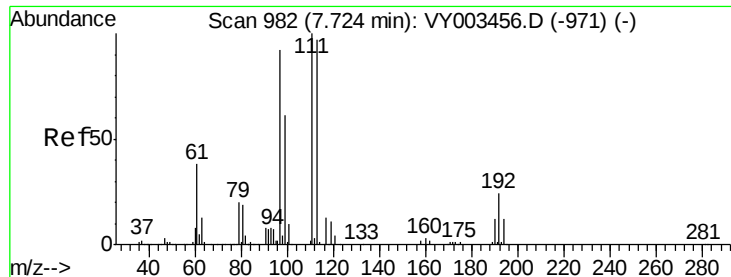
Tot Ion: 65 Resp: 45722
 Ion Ratio Lower Upper
 65 100
 67 54.5 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY003454.D
 Acq: 05 Oct 2020 15:27

Tgt Ion: 114 Resp: 651208
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 40.2
 88 15.3 0.0 30.0

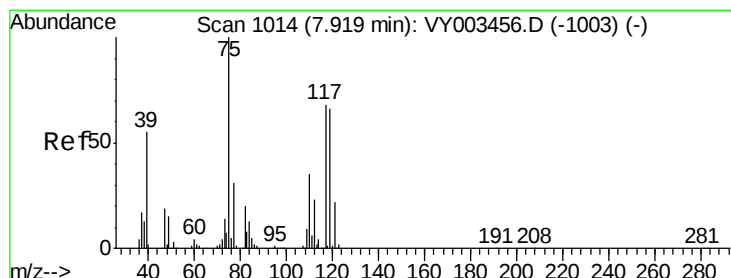
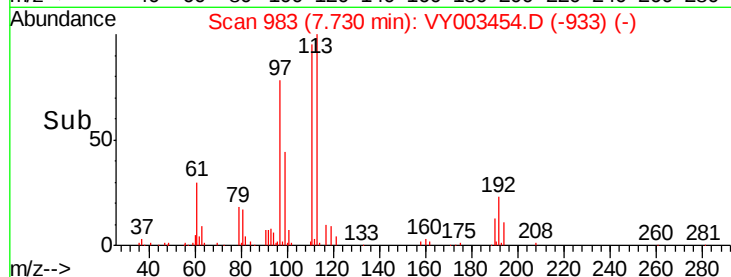
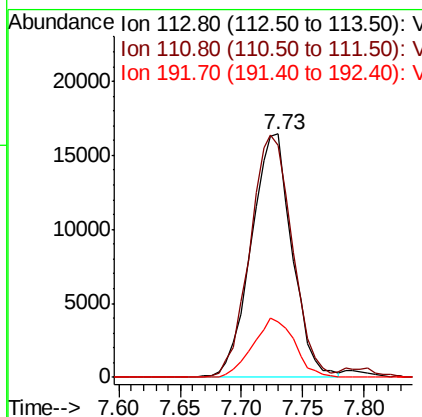
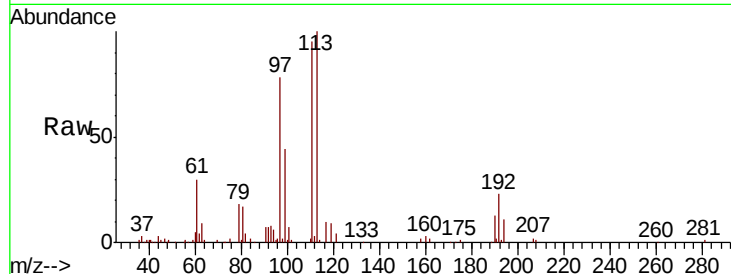




#35
 Dibromofluoromethane
 Concen: 9.681 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. 0.01 min
 Lab File: VY003454.D
 Acq: 05 Oct 2020 15:27

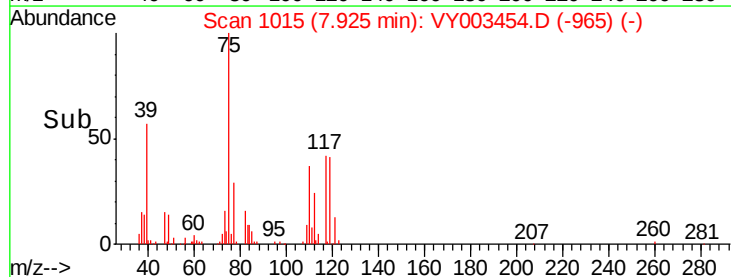
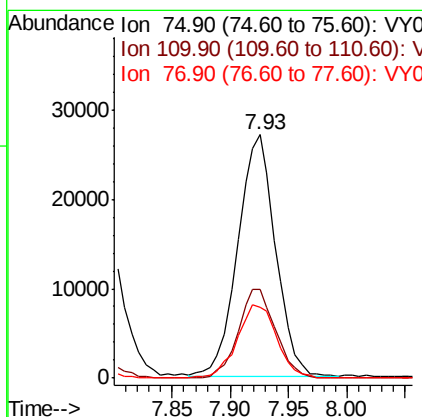
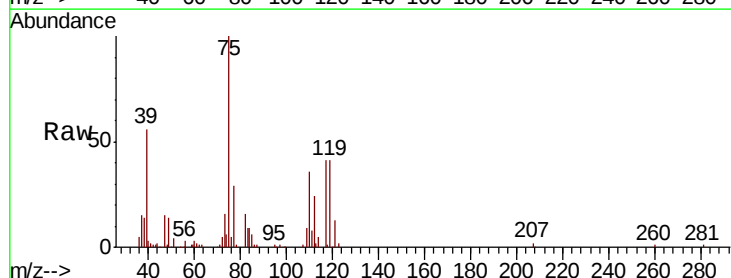
Instrument :
 MSVOA_Y
 ClientSampled :

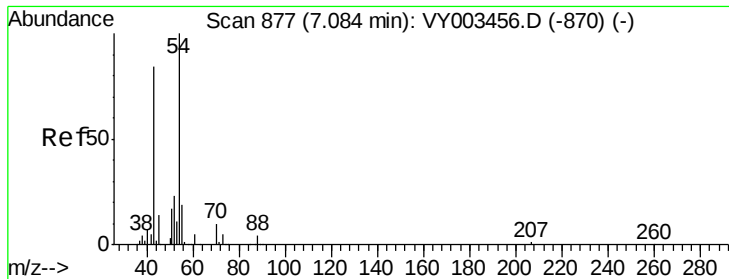
Tot Ion:113 Resp: 38224
 Ion Ratio Lower Upper
 113 100
 111 102.9 82.2 123.2
 192 24.8 19.8 29.6



#36
 1,1-Dichloropropene
 Concen: 10.055 ug/l
 RT: 7.93 min Scan# 1015
 Delta R.T. 0.01 min
 Lab File: VY003454.D
 Acq: 05 Oct 2020 15:27

Tgt Ion: 75 Resp: 61352
 Ion Ratio Lower Upper
 75 100
 110 36.1 17.8 53.3
 77 31.8 24.8 37.2

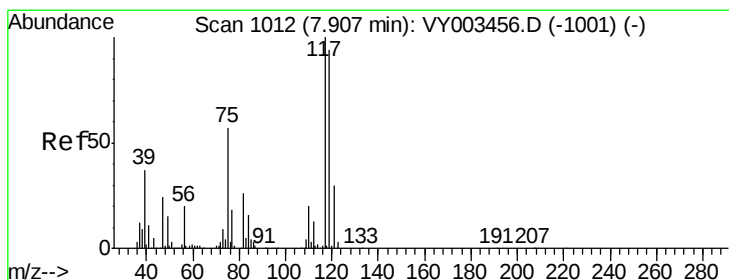
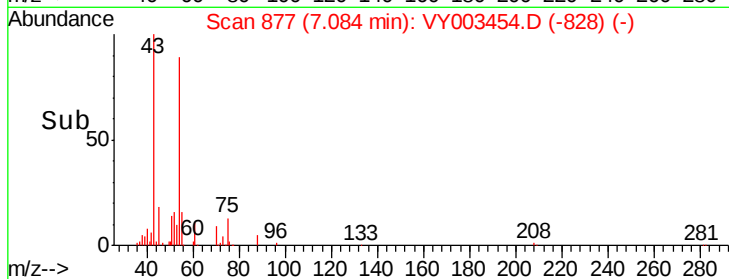
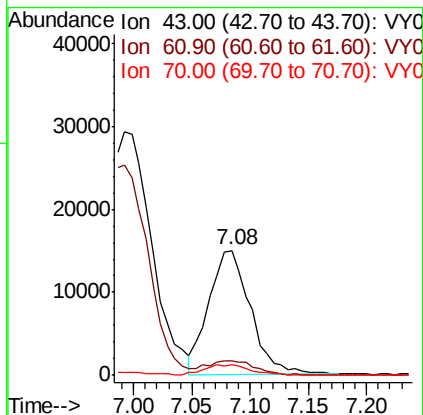
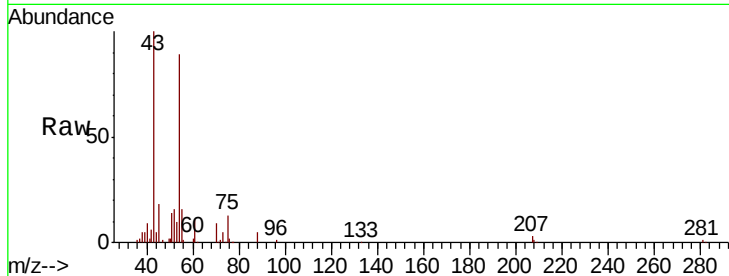




#37
Ethyl Acetate
Concen: 10.297 ug/l
RT: 7.08 min Scan# 877
Delta R.T. -0.00 min
Lab File: VY003454.D
Acq: 05 Oct 2020 15:27

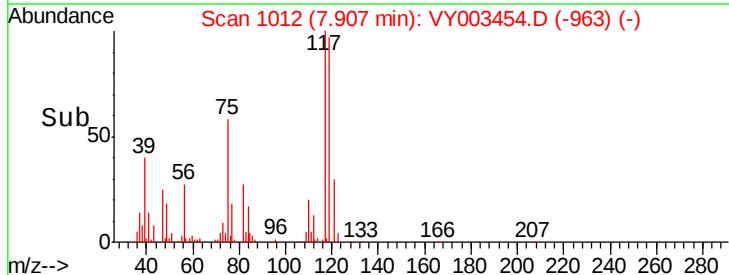
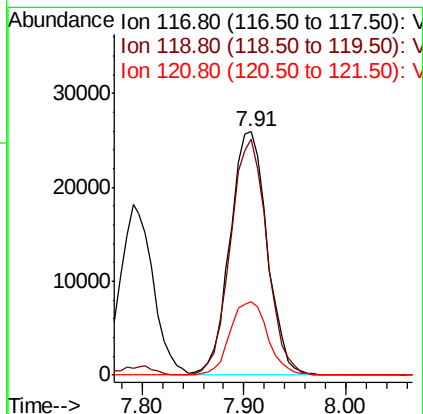
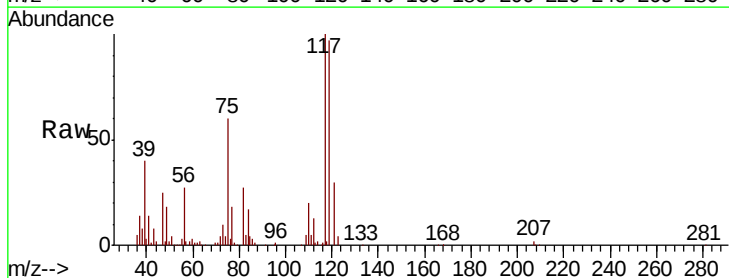
Instrument :
MSVOA_Y
ClientSampleId :

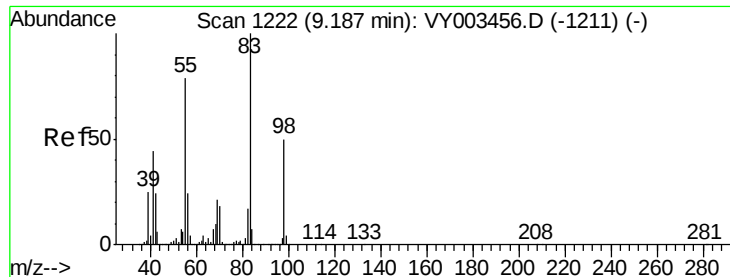
Tot Ion: 43 Resp: 36976
Ion Ratio Lower Upper
43 100
61 12.2 11.0 16.4
70 9.7 8.2 12.2



#38
Carbon Tetrachloride
Concen: 10.273 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VY003454.D
Acq: 05 Oct 2020 15:27

Tgt Ion: 117 Resp: 65491
Ion Ratio Lower Upper
117 100
119 97.1 74.7 112.1
121 30.0 24.3 36.5

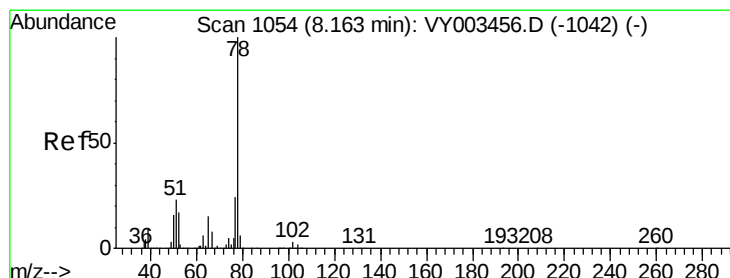
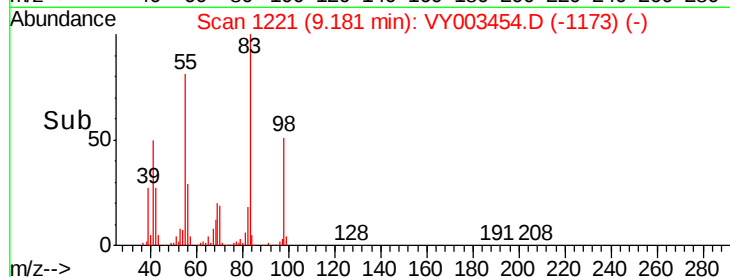
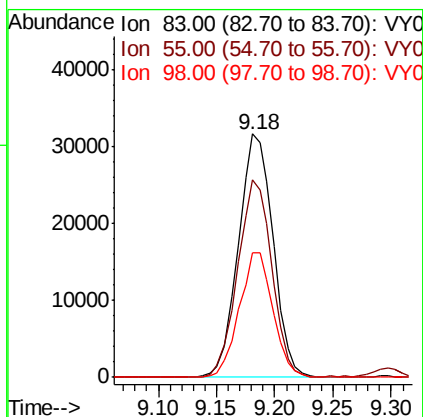
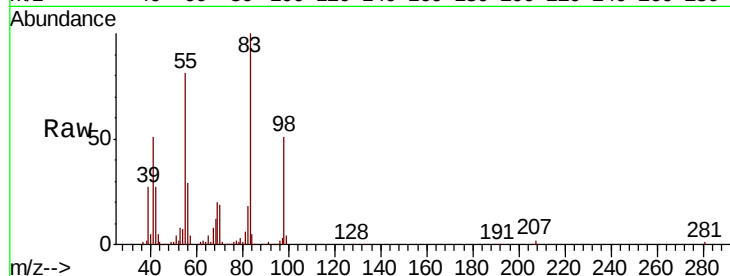




#39
Methvlcvclohexane
Concen: 9.737 ug/l
RT: 9.18 min Scan# 1221
Delta R.T. -0.01 min
Lab File: VY003454.D
Acq: 05 Oct 2020 15:27

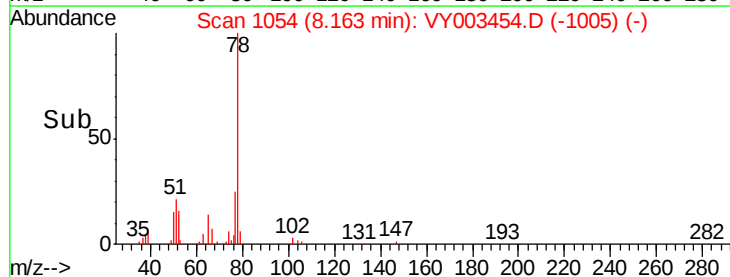
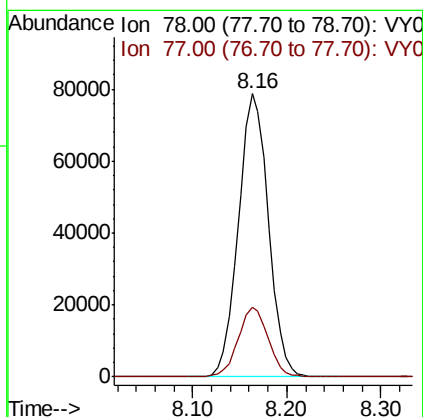
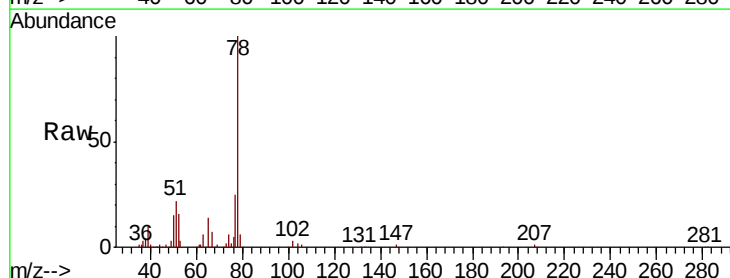
Instrument :
MSVOA_Y
ClientSampleId :

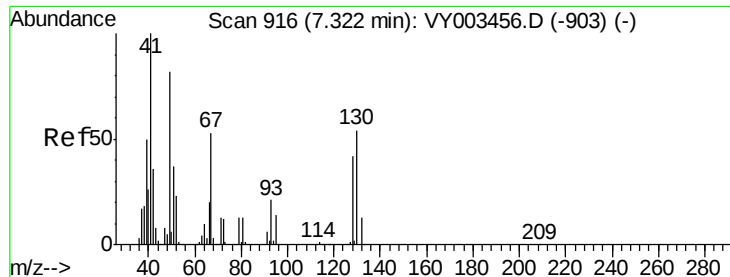
Tot Ion: 83 Resp: 65808
Ion Ratio Lower Upper
83 100
55 81.3 63.0 94.6
98 51.3 39.7 59.5



#40
Benzene
Concen: 10.115 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VY003454.D
Acq: 05 Oct 2020 15:27

Tgt Ion: 78 Resp: 174946
Ion Ratio Lower Upper
78 100
77 24.6 19.3 28.9

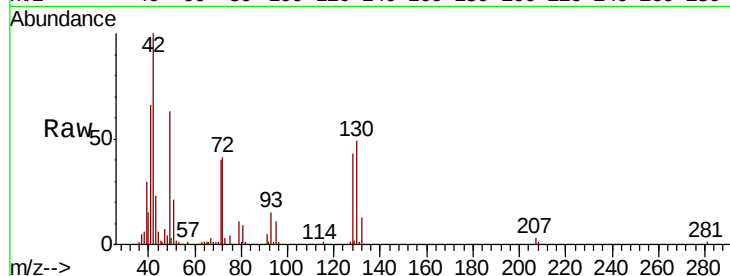




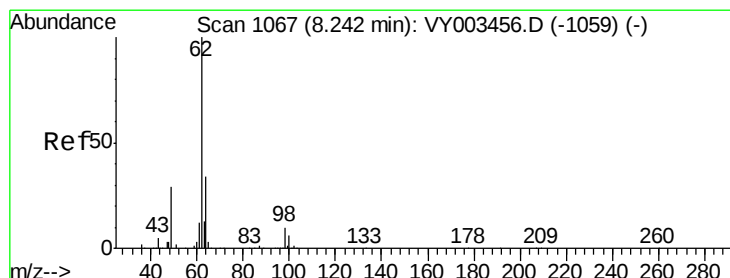
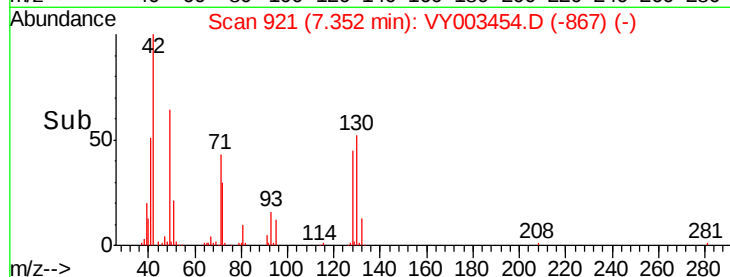
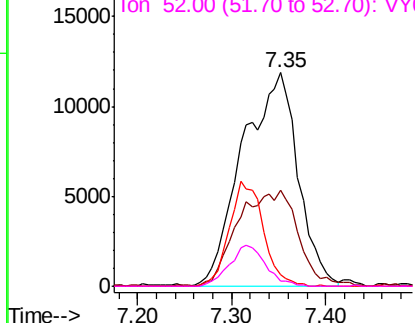
#41
Methacrylonitrile
Concen: 26.739 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.03 min
Lab File: VY003454.D
Acq: 05 Oct 2020 15:27

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:	41	Resp:	48844
Ion	Ratio	Lower	Upper
41	100		
39	48.8	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

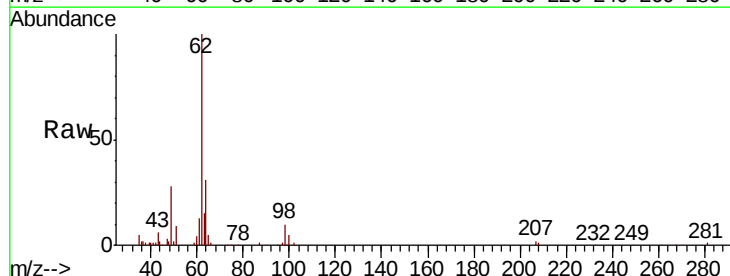


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

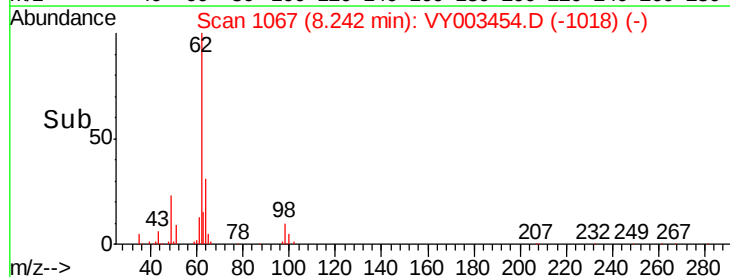
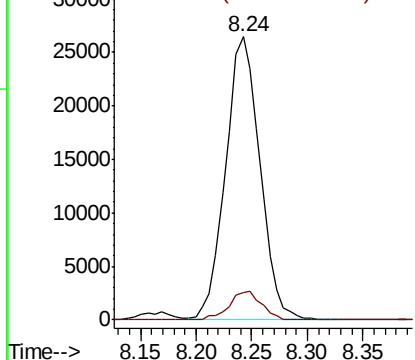


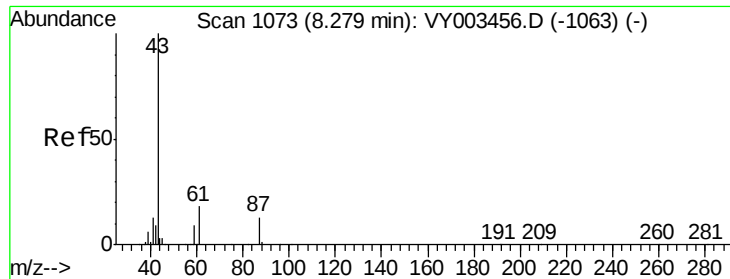
#42
1,2-Dichloroethane
Concen: 10.285 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.00 min
Lab File: VY003454.D
Acq: 05 Oct 2020 15:27

Tgt Ion:	62	Resp:	56615
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	18.6



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





#43

Isopropyl Acetate

Concen: 9.943 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. -0.00 min

Lab File: VY003454.D

Acq: 05 Oct 2020 15:27

Instrument :

MSVOA_Y

ClientSampleId :

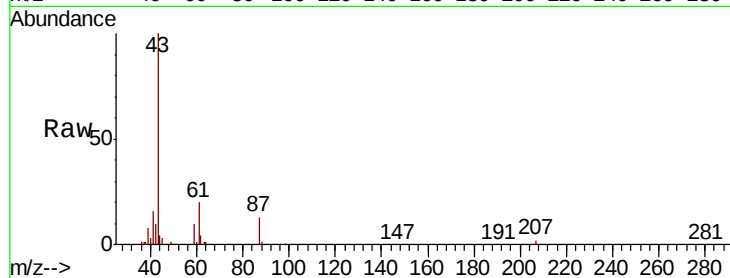
Tot Ion: 43 Resp: 67245

Ion Ratio Lower Upper

43 100

61 27.9 22.7 34.1

87 13.3 10.4 15.6

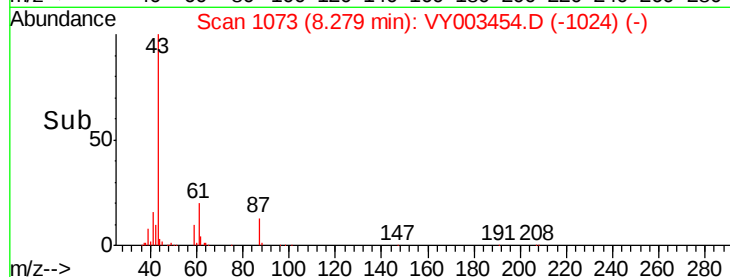


Abundance Ion 43.00 (42.70 to 43.70): VY003454.D (-1063) (-)

Ion 61.00 (60.70 to 61.70): VY003454.D (-1063) (-)

Ion 87.00 (86.70 to 87.70): VY003454.D (-1063) (-)

Time-->



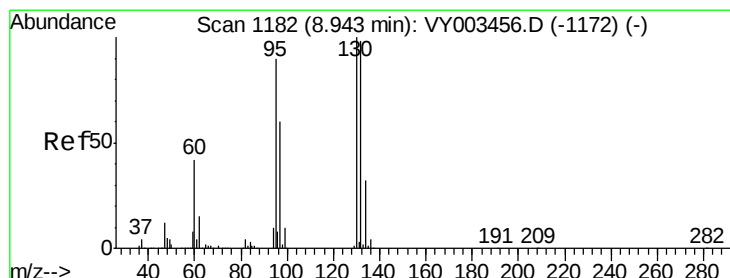
Abundance

Ion 43.00 (42.70 to 43.70): VY003454.D (-1063) (-)

Ion 61.00 (60.70 to 61.70): VY003454.D (-1063) (-)

Ion 87.00 (86.70 to 87.70): VY003454.D (-1063) (-)

Time-->



#44

Trichloroethene

Concen: 10.174 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VY003454.D

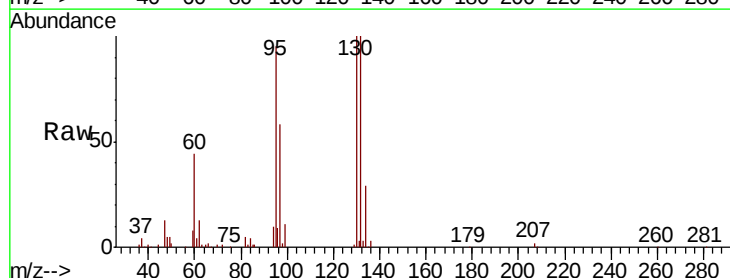
Acq: 05 Oct 2020 15:27

Tgt Ion: 130 Resp: 51779

Ion Ratio Lower Upper

130 100

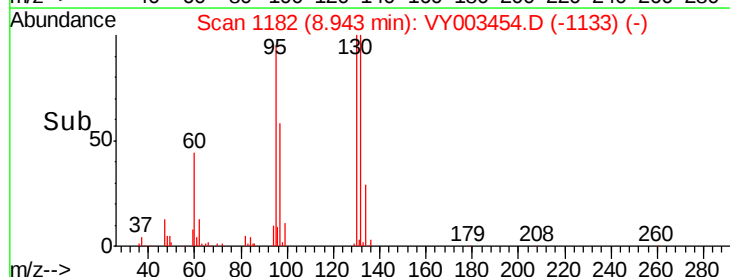
95 94.9 0.0 180.6



Abundance Ion 129.80 (129.50 to 130.50): VY003454.D (-1172) (-)

Ion 94.90 (94.60 to 95.60): VY003454.D (-1172) (-)

Time-->

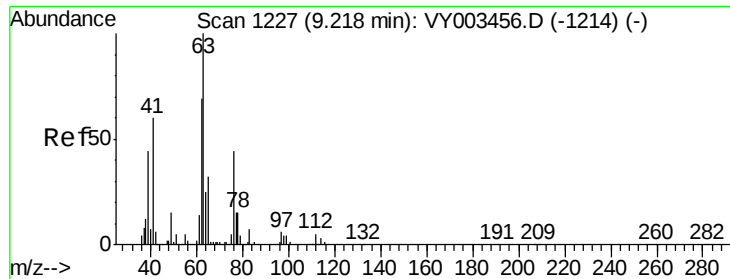


Abundance

Ion 129.80 (129.50 to 130.50): VY003454.D (-1172) (-)

Ion 94.90 (94.60 to 95.60): VY003454.D (-1172) (-)

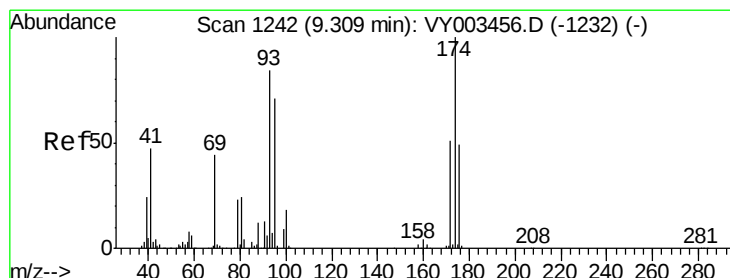
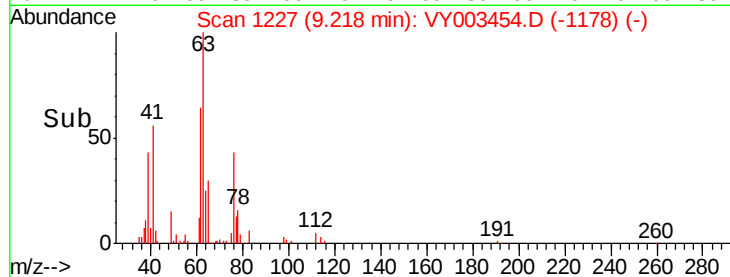
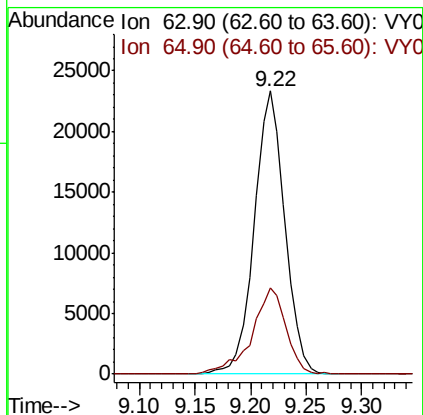
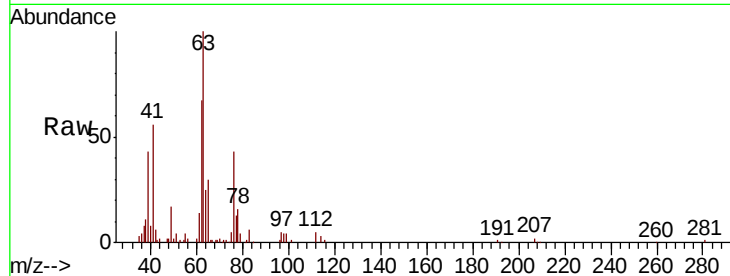
Time-->



#45
 1,2-Dichloropropane
 Concen: 10.089 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. -0.00 min
 Lab File: VY003454.D
 Acq: 05 Oct 2020 15:27

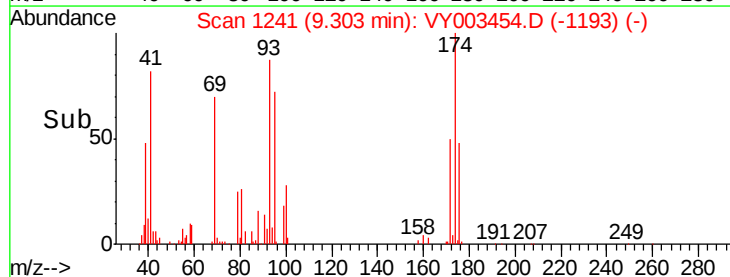
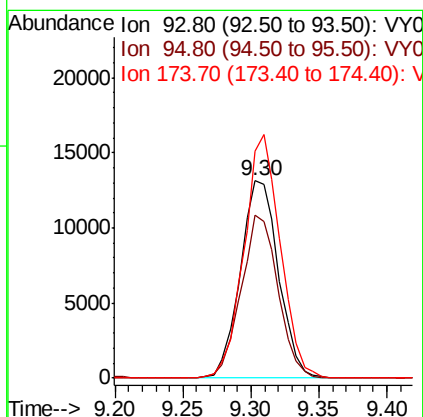
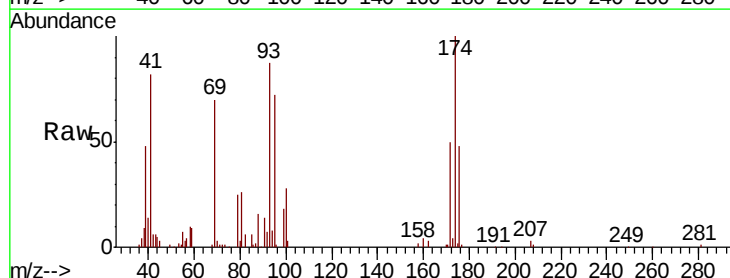
Instrument :
 MSVOA_Y
 ClientSampled :

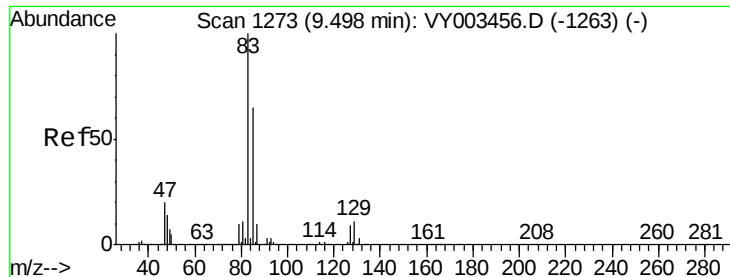
Tot Ion: 63 Resp: 44493
 Ion Ratio Lower Upper
 63 100
 65 30.3 25.4 38.2



#46
 Dibromomethane
 Concen: 10.368 ug/l
 RT: 9.30 min Scan# 1241
 Delta R.T. -0.01 min
 Lab File: VY003454.D
 Acq: 05 Oct 2020 15:27

Tgt Ion: 93 Resp: 25734
 Ion Ratio Lower Upper
 93 100
 95 80.3 65.6 98.4
 174 117.9 94.3 141.5





#47

Bromodichloromethane

Concen: 10.076 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.00 min

Lab File: VY003454.D

Acq: 05 Oct 2020 15:27

Instrument :
MSVOA_Y
ClientSampleId :

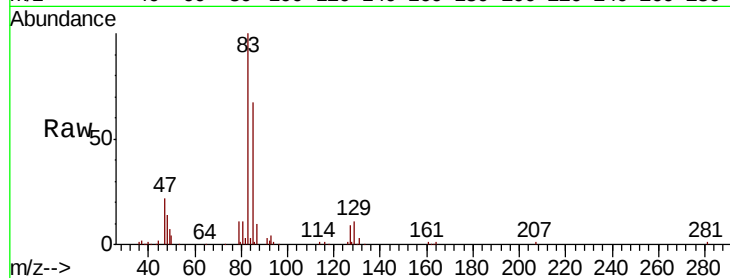
Tot Ion: 83 Resp: 61610

Ion Ratio Lower Upper

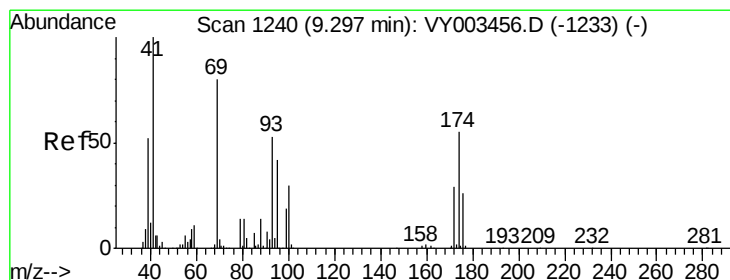
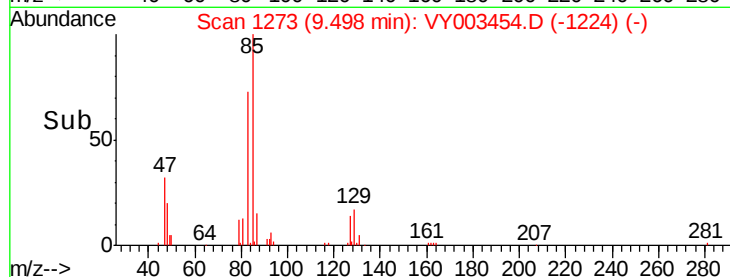
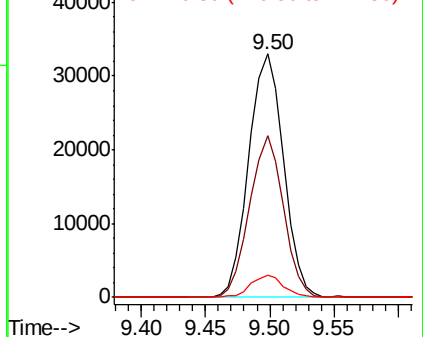
83 100

85 66.5 52.1 78.1

127 9.3 7.5 11.3



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



#48

Methyl methacrylate

Concen: 9.814 ug/l

RT: 9.29 min Scan# 1239

Delta R.T. -0.01 min

Lab File: VY003454.D

Acq: 05 Oct 2020 15:27

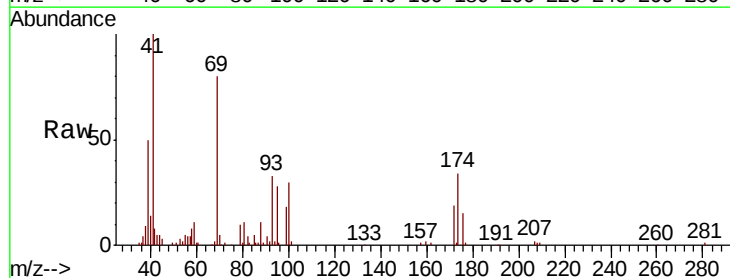
Tgt Ion: 41 Resp: 31495

Ion Ratio Lower Upper

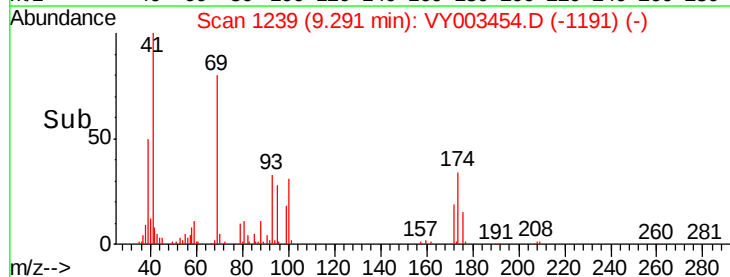
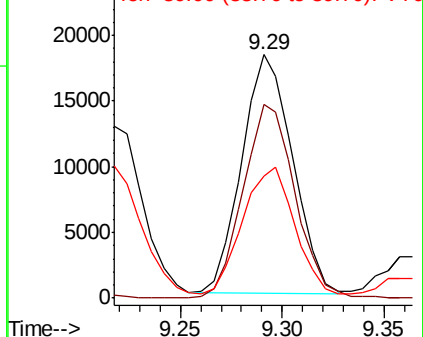
41 100

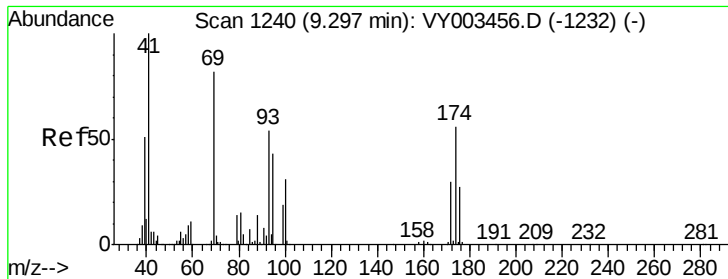
69 83.3 66.3 99.5

39 58.0 45.2 67.8



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

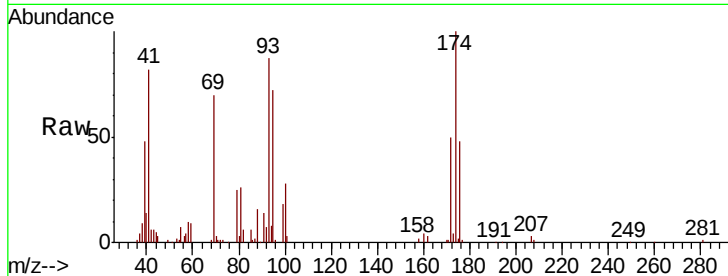




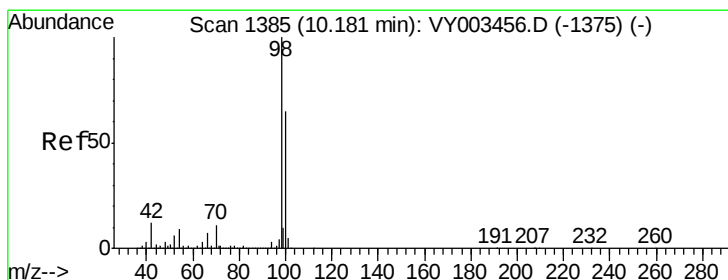
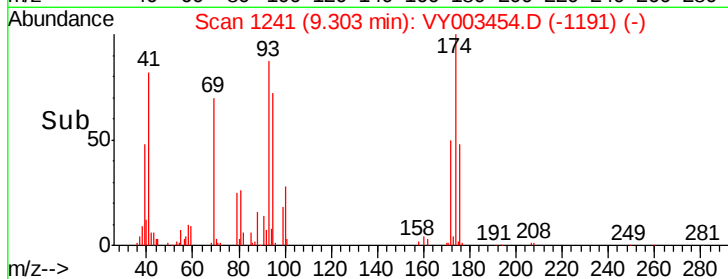
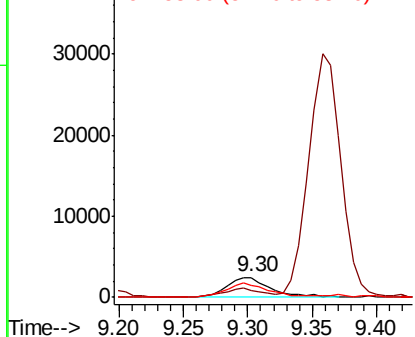
#49
1,4-Dioxane
Concen: 201.978 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. 0.01 min
Lab File: VY003454.D
Acq: 05 Oct 2020 15:27

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 88 Resp: 5945
Ion Ratio Lower Upper
88 100
43 39.5 28.6 43.0
58 67.4 51.8 77.6

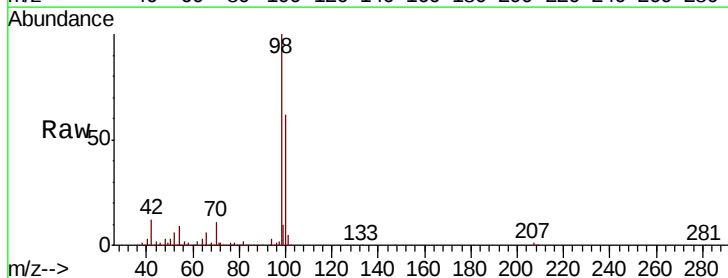


Abundance Ion 88.00 (87.70 to 88.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0

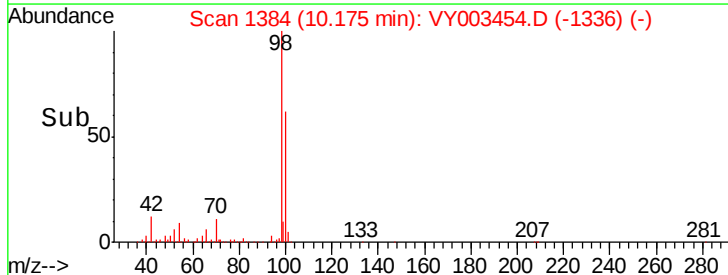
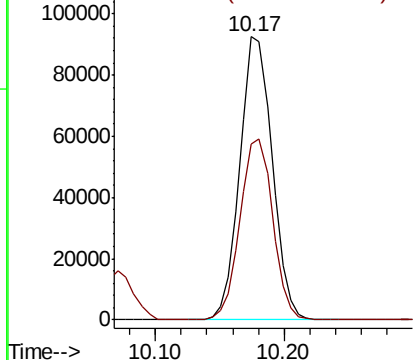


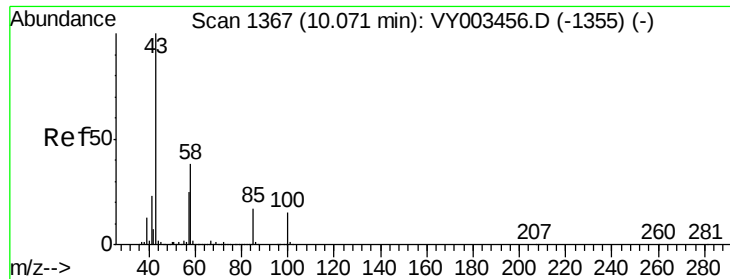
#50
Toluene-d8
Concen: 9.773 ug/l
RT: 10.17 min Scan# 1384
Delta R.T. -0.01 min
Lab File: VY003454.D
Acq: 05 Oct 2020 15:27

Tgt Ion: 98 Resp: 161355
Ion Ratio Lower Upper
98 100
100 64.5 51.2 76.8



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

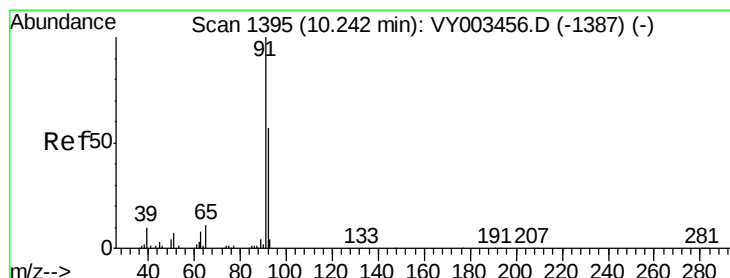
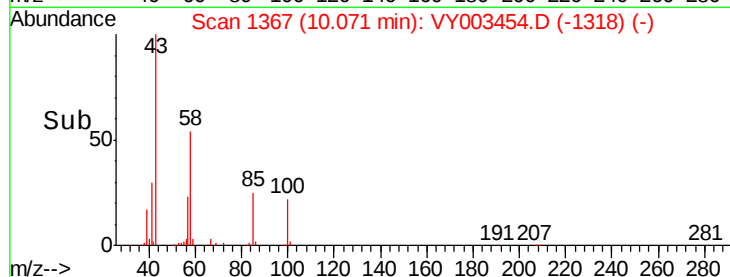
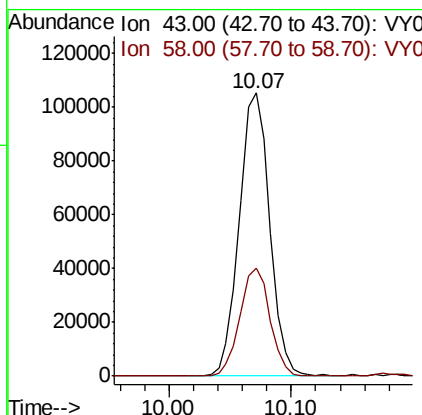
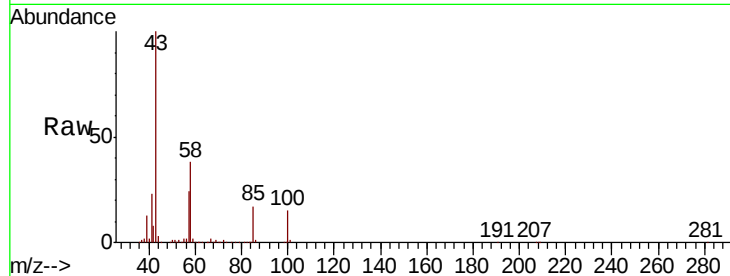




#51
 4-Methyl-2-Pentanone
 Concen: 50.749 ug/l
 RT: 10.07 min Scan# 1367
 Delta R.T. -0.00 min
 Lab File: VY003454.D
 Acq: 05 Oct 2020 15:27

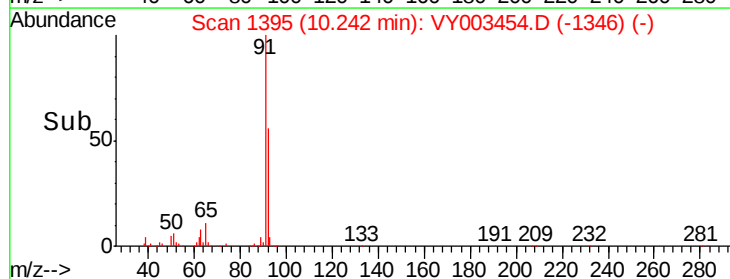
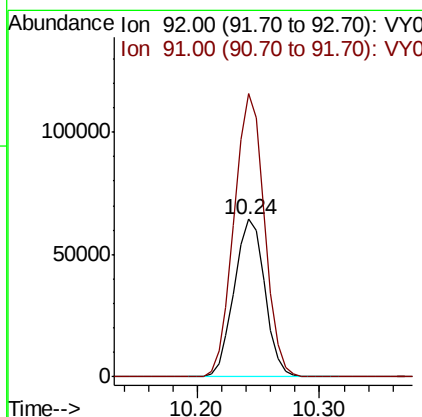
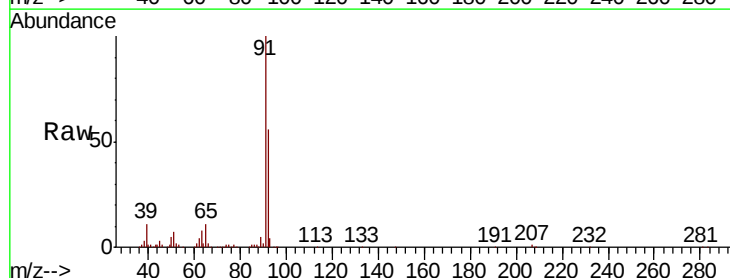
Instrument :
 MSVOA_Y
 ClientSampled :

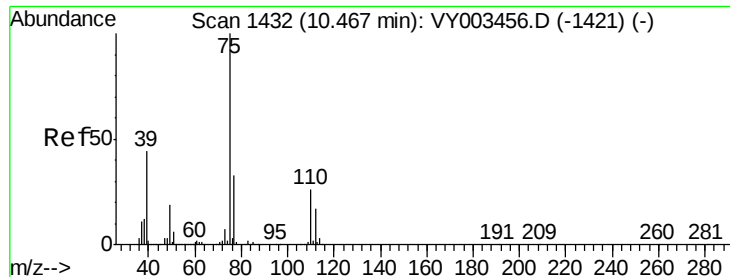
Tot Ion: 43 Resp: 182082
 Ion Ratio Lower Upper
 43 100
 58 37.8 30.4 45.6



#52
 Toluene
 Concen: 10.003 ug/l
 RT: 10.24 min Scan# 1395
 Delta R.T. -0.00 min
 Lab File: VY003454.D
 Acq: 05 Oct 2020 15:27

Tgt Ion: 92 Resp: 111712
 Ion Ratio Lower Upper
 92 100
 91 177.5 140.0 210.0





#53

t-1,3-Dichloropropene

Concen: 9.962 ug/l

RT: 10.46 min Scan# 1431

Delta R.T. -0.01 min

Lab File: VY003454.D

Acq: 05 Oct 2020 15:27

Instrument :

MSVOA_Y

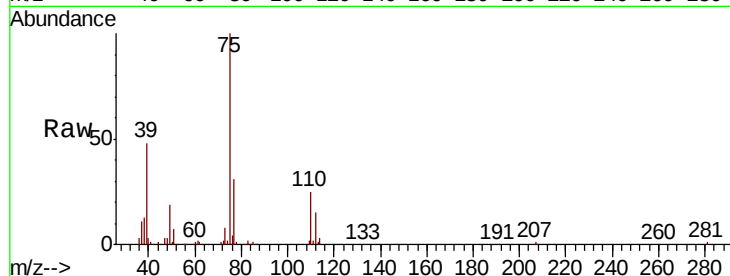
ClientSampleId :

Tot Ion: 75 Resp: 65272

Ion Ratio Lower Upper

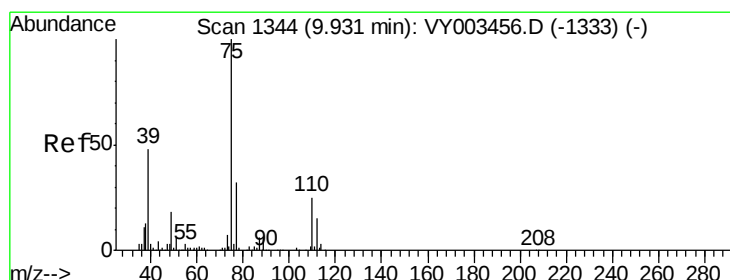
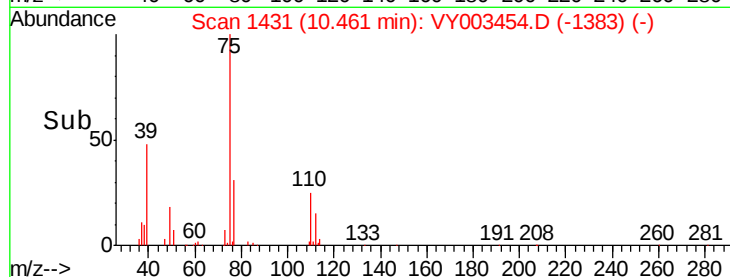
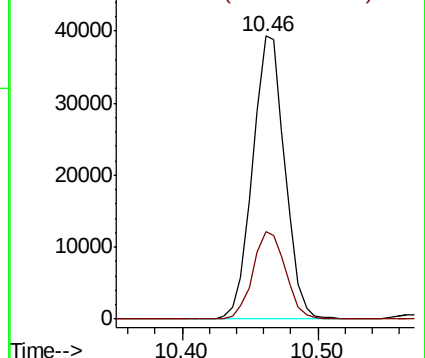
75 100

77 30.8 26.0 39.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0



#54

cis-1,3-Dichloropropene

Concen: 9.941 ug/l

RT: 9.92 min Scan# 1343

Delta R.T. -0.01 min

Lab File: VY003454.D

Acq: 05 Oct 2020 15:27

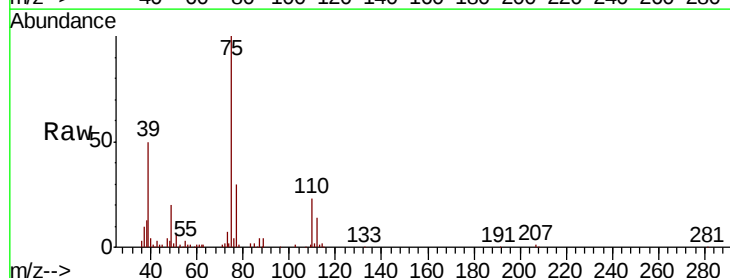
Tgt Ion: 75 Resp: 72649

Ion Ratio Lower Upper

75 100

77 30.0 25.9 38.9

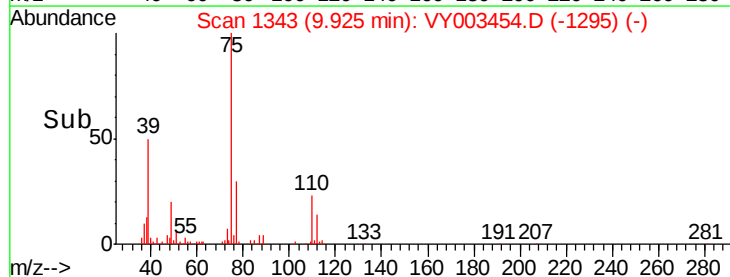
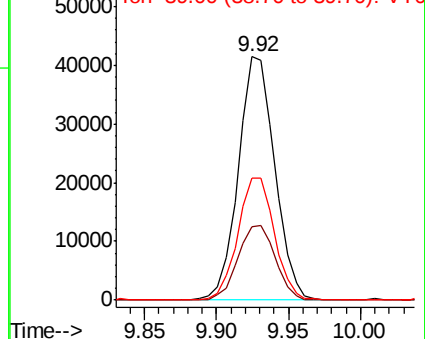
39 50.1 38.7 58.1

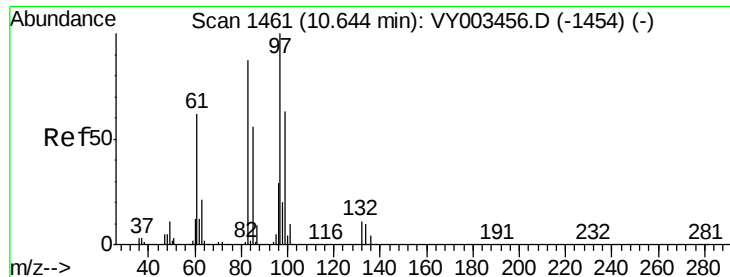


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0

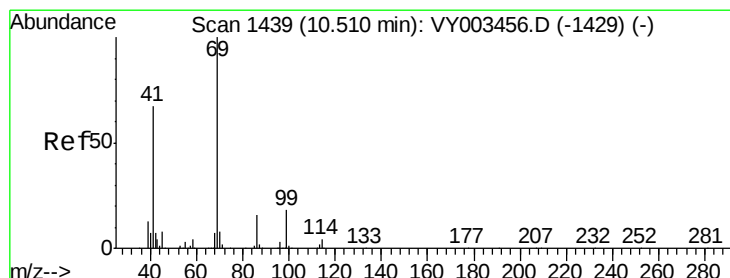
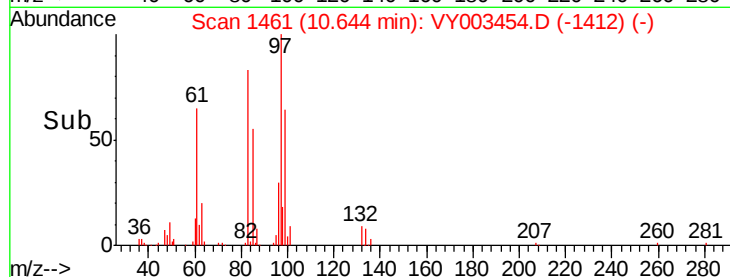
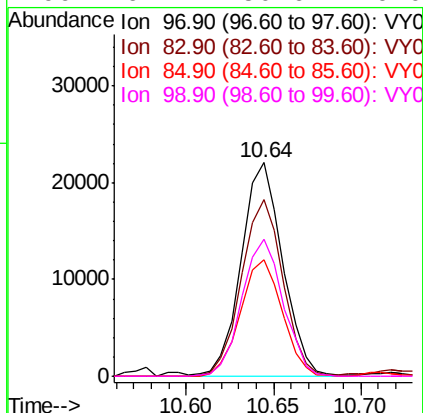
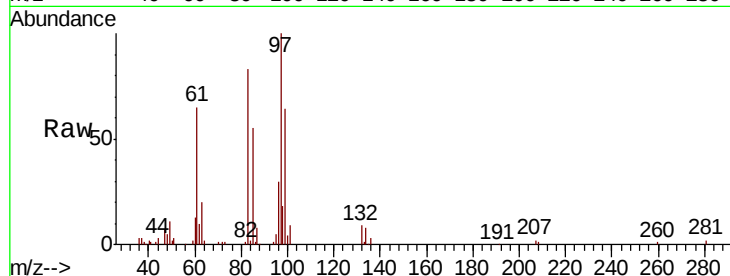




#55
 1,1,2-Trichloroethane
 Concen: 10.232 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.00 min
 Lab File: VY003454.D
 Acq: 05 Oct 2020 15:27

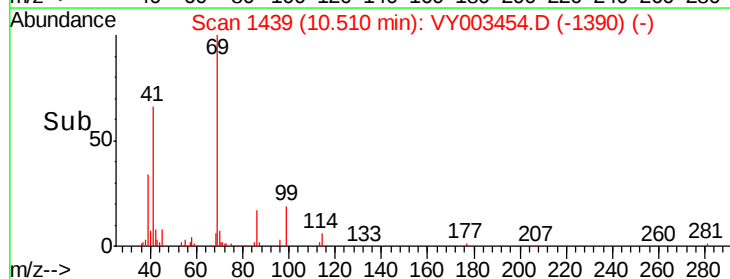
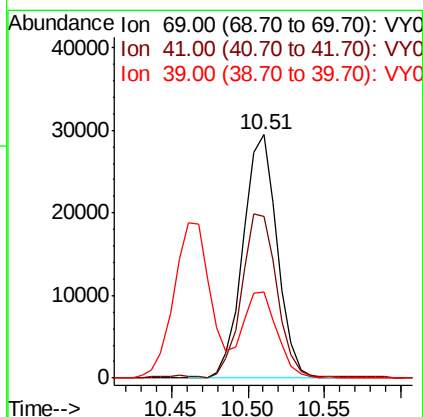
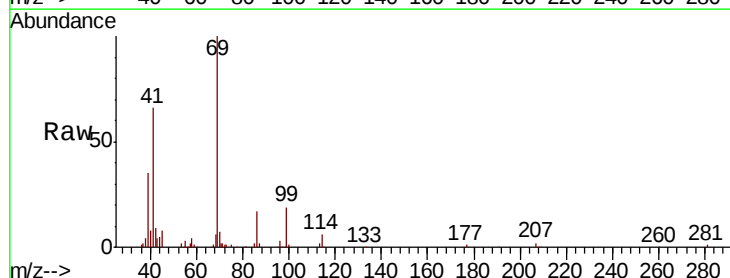
Instrument :
 MSVOA_Y
 ClientSampleId :

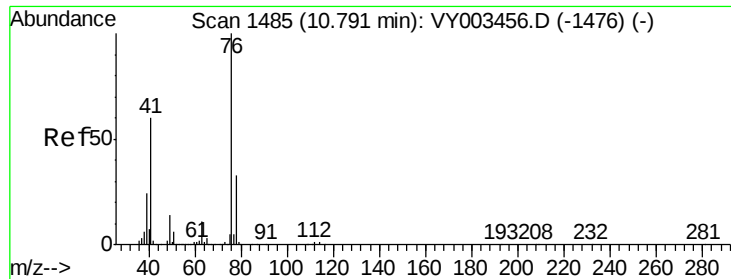
Tot Ion: 97 Resp: 36394
 Ion Ratio Lower Upper
 97 100
 83 82.9 69.9 104.9
 85 55.1 44.5 66.7
 99 64.2 50.6 76.0



#56
 Ethyl methacrylate
 Concen: 9.396 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: VY003454.D
 Acq: 05 Oct 2020 15:27

Tgt Ion: 69 Resp: 45597
 Ion Ratio Lower Upper
 69 100
 41 69.0 55.4 83.2
 39 35.3 28.8 43.2





#57

1,3-Dichloropropane

Concen: 10.081 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. -0.00 min

Lab File: VY003454.D

Acq: 05 Oct 2020 15:27

Instrument :

MSVOA_Y

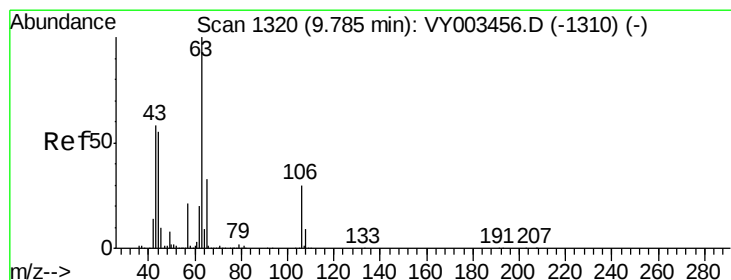
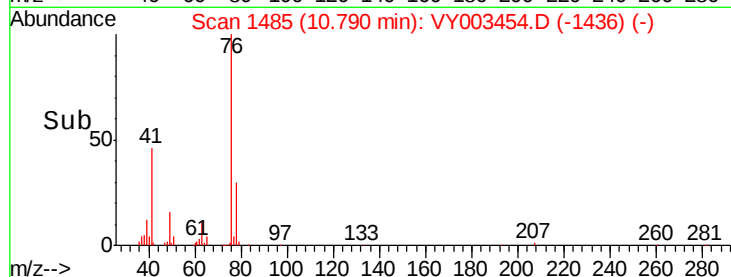
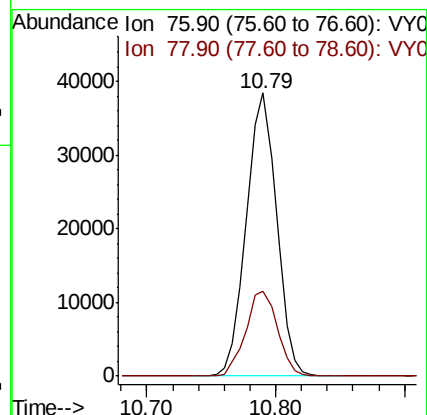
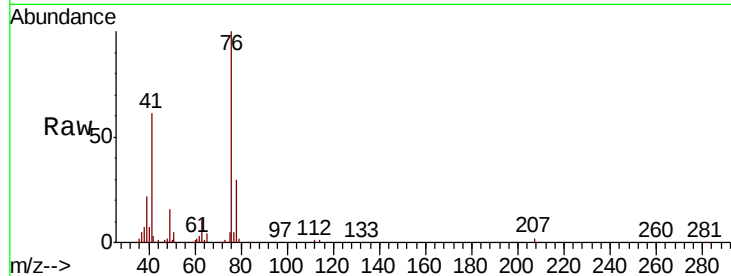
ClientSampleId :

Tot Ion: 76 Resp: 62343

Ion Ratio Lower Upper

76 100

78 31.4 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 49.686 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. -0.00 min

Lab File: VY003454.D

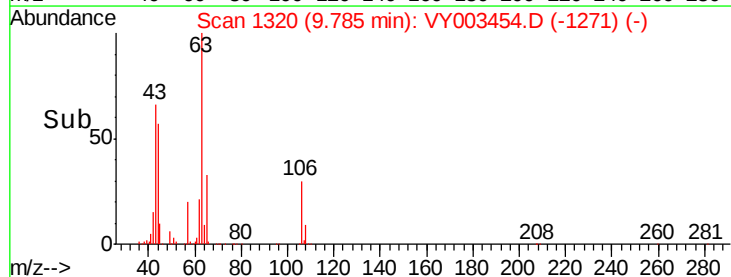
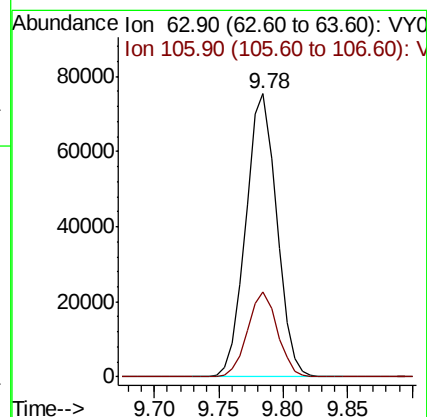
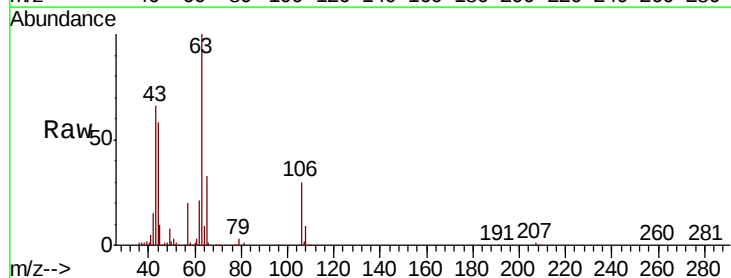
Acq: 05 Oct 2020 15:27

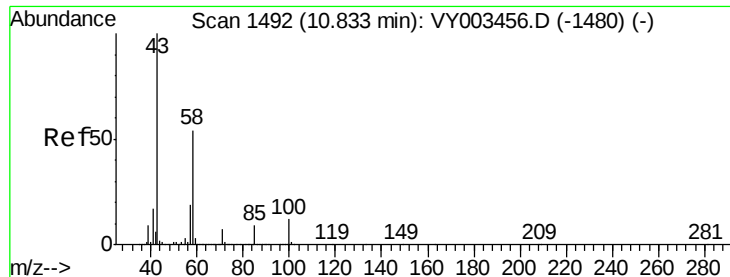
Tgt Ion: 63 Resp: 125188

Ion Ratio Lower Upper

63 100

106 28.8 22.8 34.2

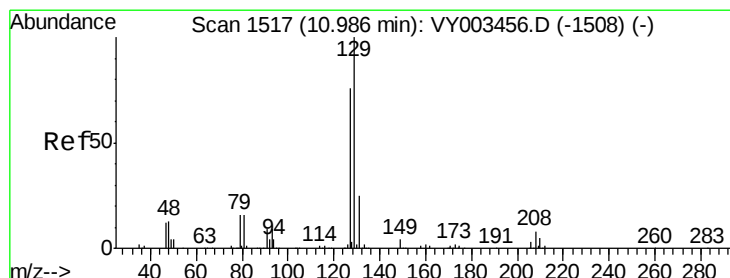
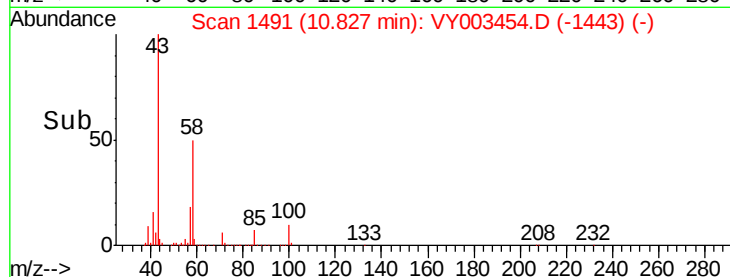
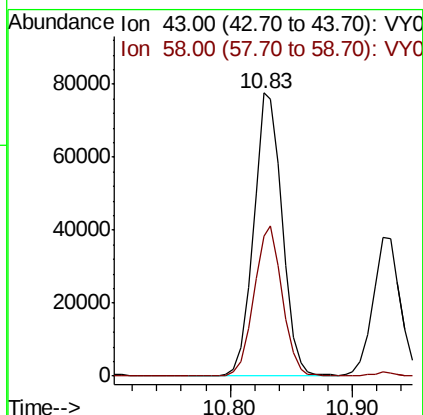
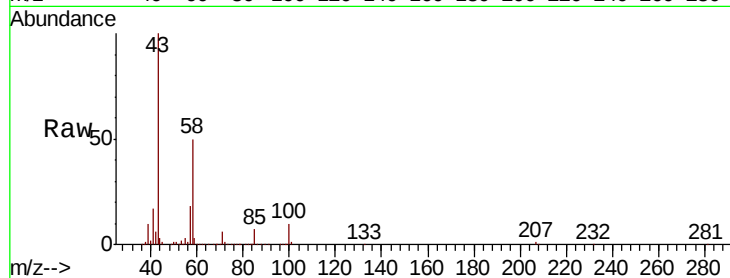




#59
2-Hexanone
Concen: 49.841 ug/l
RT: 10.83 min Scan# 1491
Delta R.T. -0.01 min
Lab File: VY003454.D
Acq: 05 Oct 2020 15:27

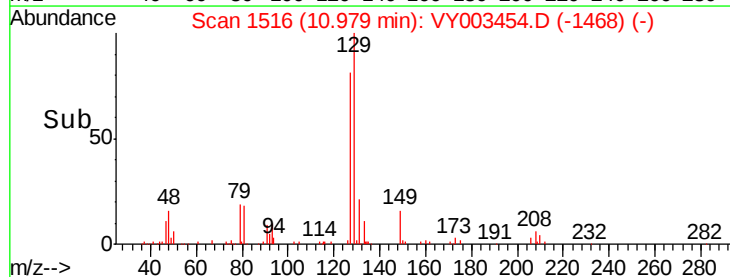
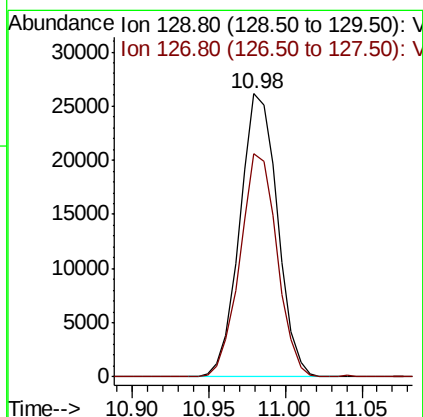
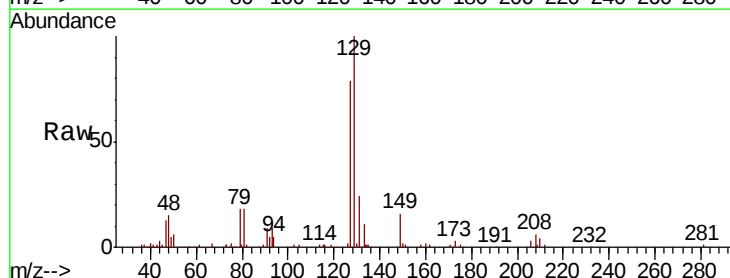
Instrument :
MSVOA_Y
ClientSampled :

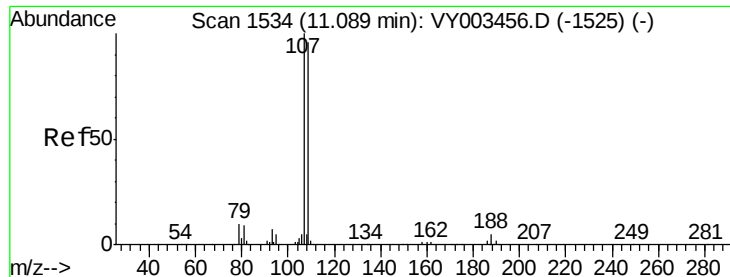
Tot Ion: 43 Resp: 125995
Ion Ratio Lower Upper
43 100
58 52.5 26.8 80.3



#60
Dibromochloromethane
Concen: 9.877 ug/l
RT: 10.98 min Scan# 1516
Delta R.T. -0.01 min
Lab File: VY003454.D
Acq: 05 Oct 2020 15:27

Tgt Ion: 129 Resp: 44734
Ion Ratio Lower Upper
129 100
127 77.6 38.6 116.0





#61

1,2-Dibromoethane

Concen: 9.947 ug/l

RT: 11.09 min Scan# 1534

Delta R.T. -0.00 min

Lab File: VY003454.D

Acq: 05 Oct 2020 15:27

Instrument :

MSVOA_Y

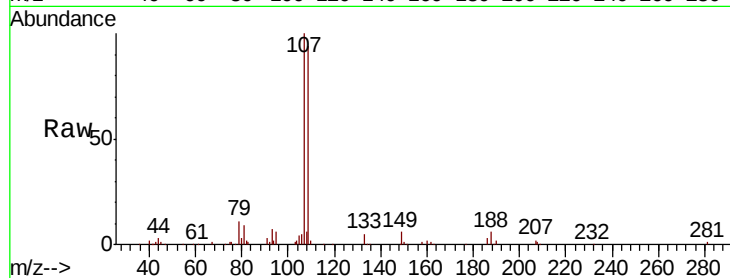
ClientSampleId :

Tot Ion:107 Resp: 34199

Ion Ratio Lower Upper

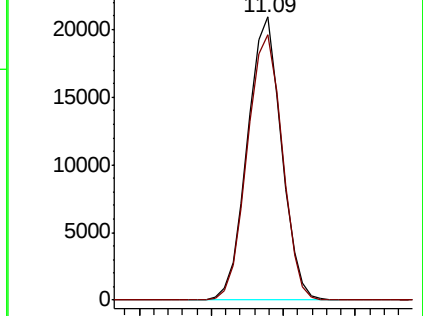
107 100

109 95.9 75.6 113.4

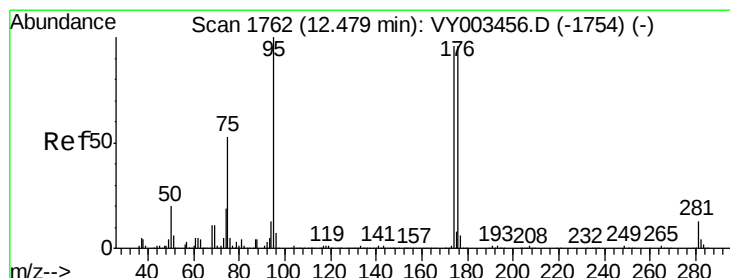
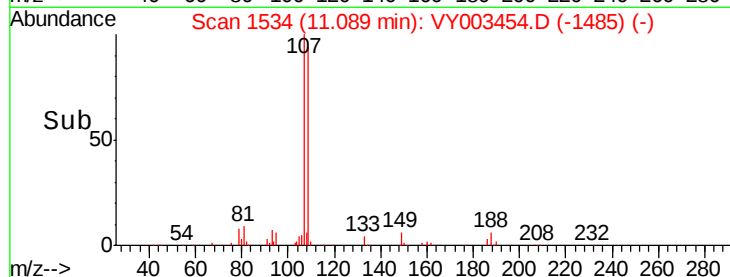


Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



Time-->



#62

4-Bromofluorobenzene

Concen: 9.457 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY003454.D

Acq: 05 Oct 2020 15:27

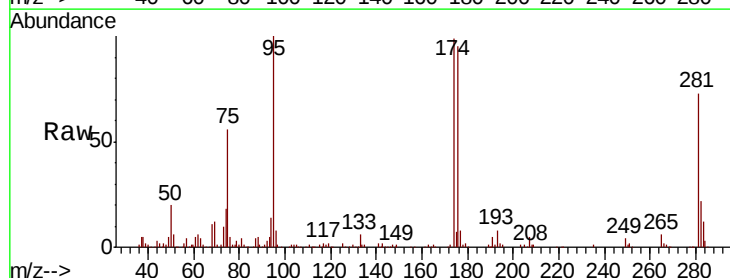
Tgt Ion: 95 Resp: 54337

Ion Ratio Lower Upper

95 100

174 101.6 0.0 197.0

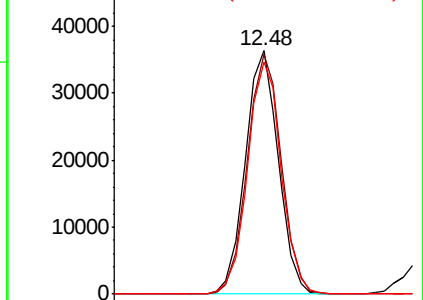
176 97.5 0.0 193.6



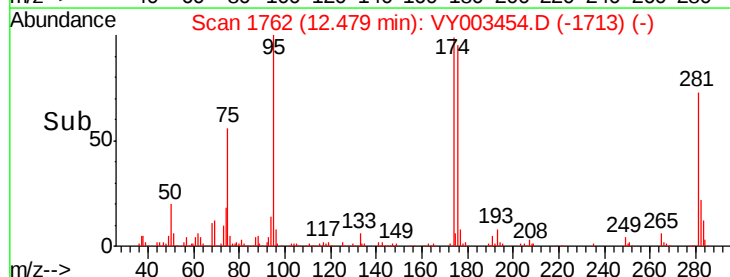
Abundance Ion 94.90 (94.60 to 95.60): VY0

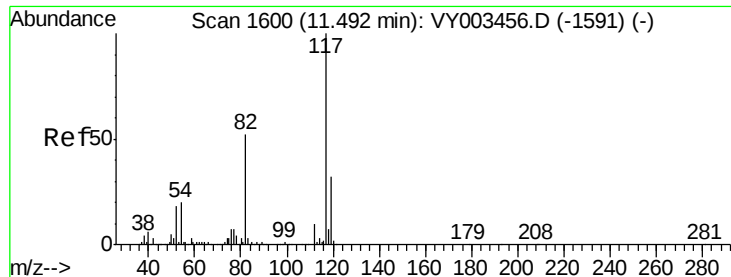
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



Time-->

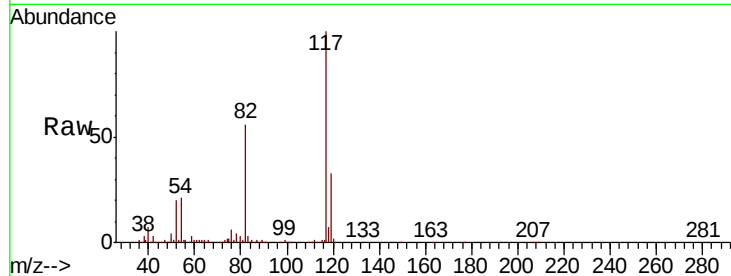




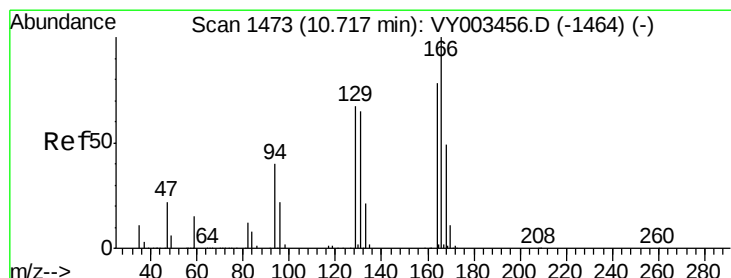
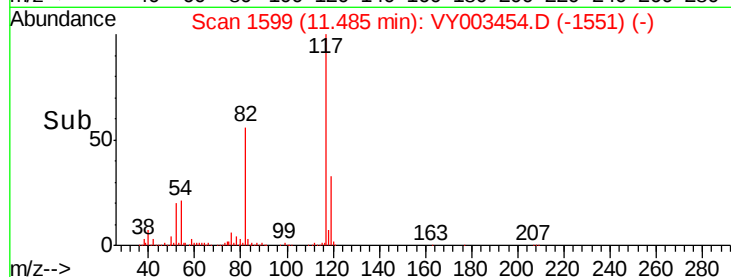
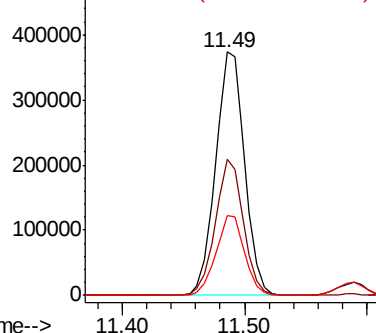
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VY003454.D
Acq: 05 Oct 2020 15:27

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:117 Resp: 614143
Ion Ratio Lower Upper
117 100
82 56.0 41.7 62.5
119 32.7 25.3 37.9

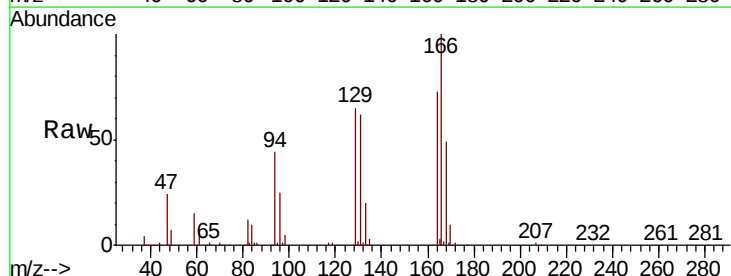


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

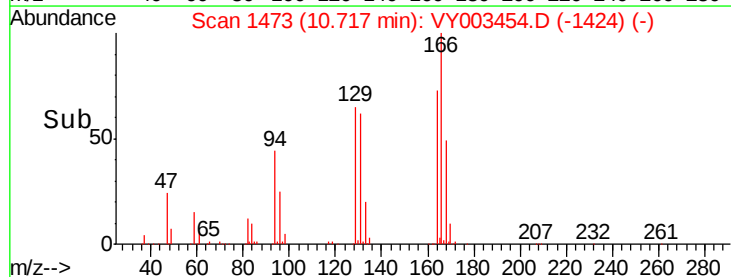
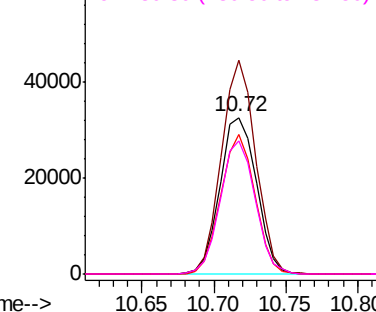


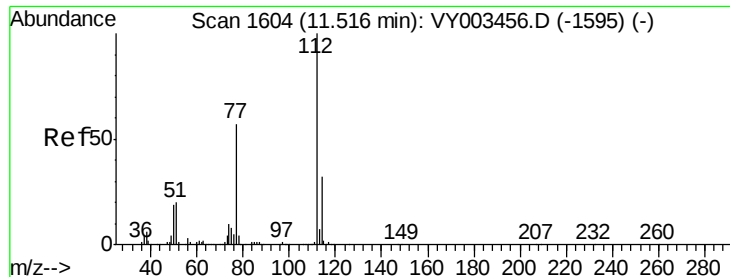
#64
Tetrachloroethene
Concen: 10.373 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY003454.D
Acq: 05 Oct 2020 15:27

Tgt Ion:164 Resp: 57059
Ion Ratio Lower Upper
164 100
166 136.3 103.0 154.6
129 88.9 68.9 103.3
131 84.6 66.7 100.1



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





#65

Chlorobenzene

Concen: 10.155 ug/l

RT: 11.52 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VY003454.D

Acq: 05 Oct 2020 15:27

Instrument :

MSVOA_Y

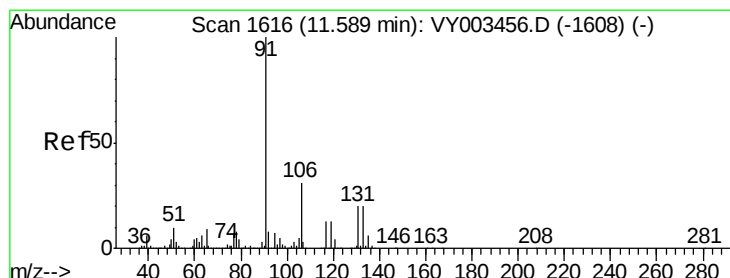
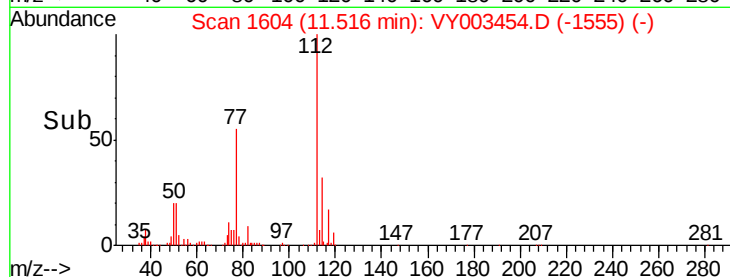
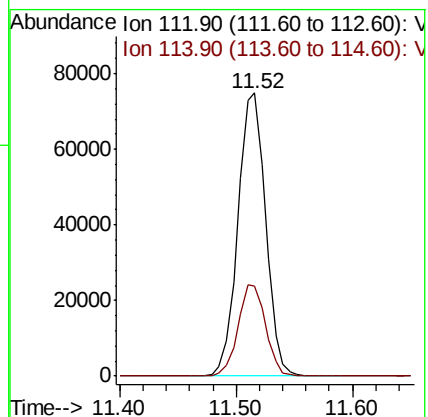
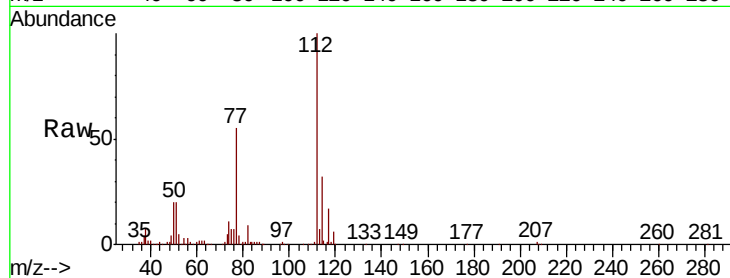
ClientSampleId :

Tot Ion:112 Resp: 124293

Ion Ratio Lower Upper

112 100

114 32.0 25.8 38.6



#66

1,1,1,2-Tetrachloroethane

Concen: 10.087 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. -0.00 min

Lab File: VY003454.D

Acq: 05 Oct 2020 15:27

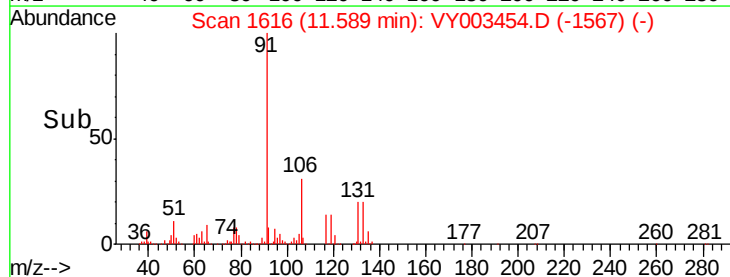
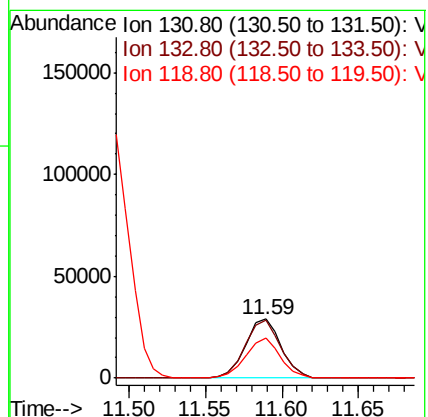
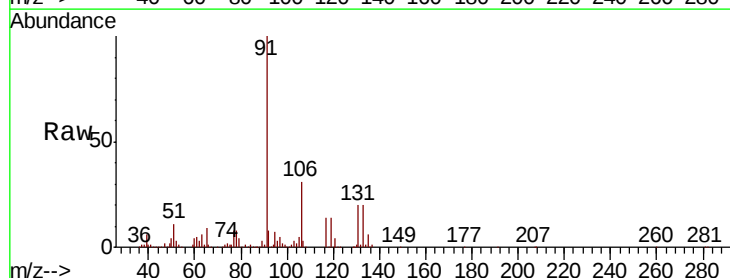
Tgt Ion:131 Resp: 47070

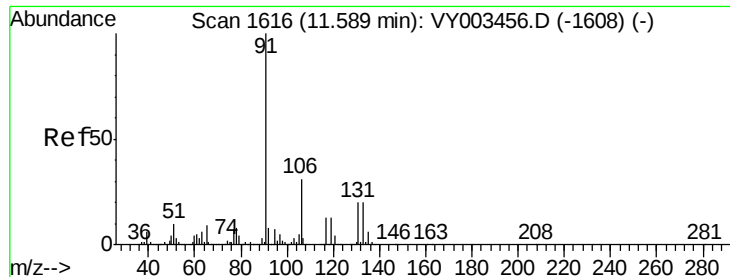
Ion Ratio Lower Upper

131 100

133 96.3 48.3 144.8

119 66.2 31.5 94.5

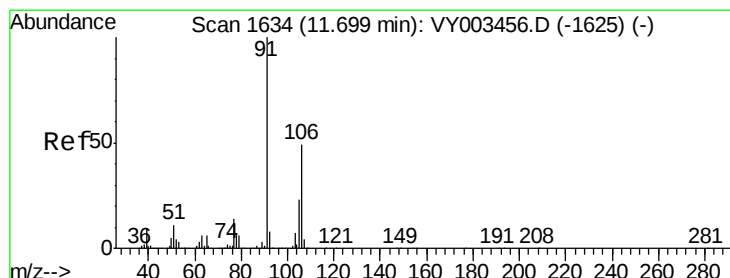
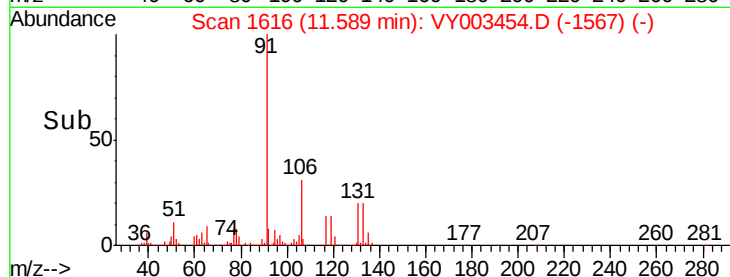
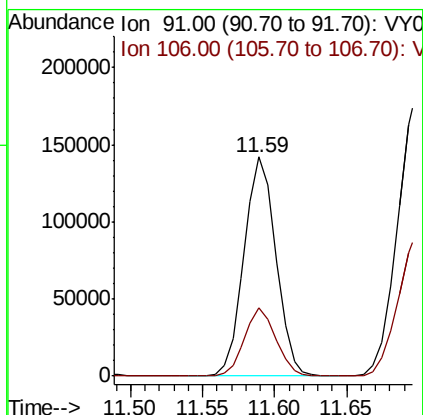
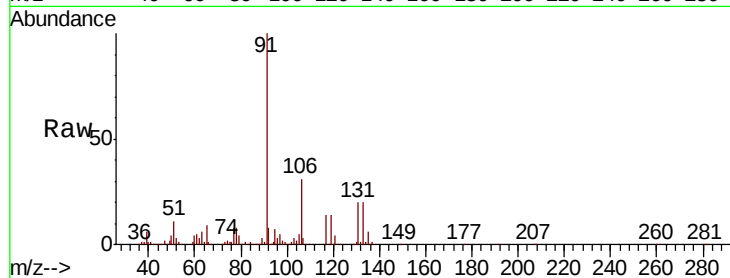




#67
Ethyl Benzene
Concen: 9.893 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY003454.D
Acq: 05 Oct 2020 15:27

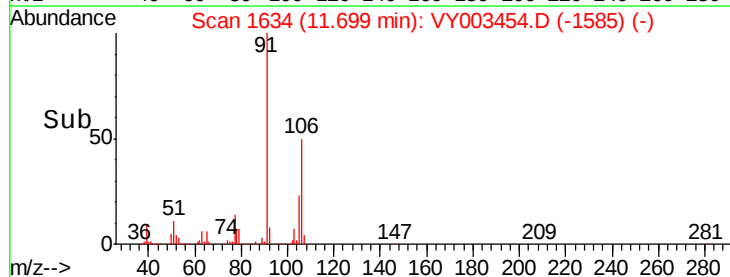
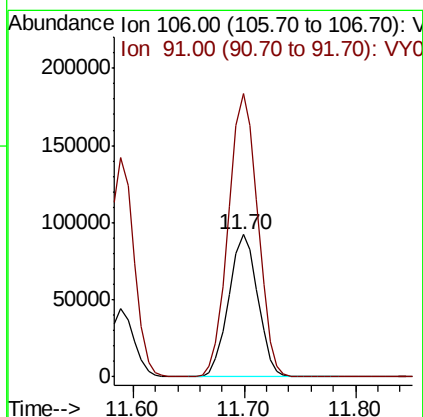
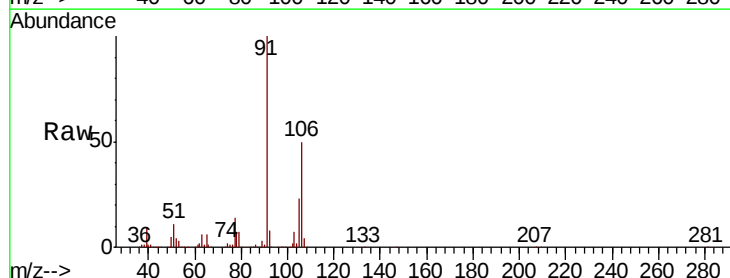
Instrument :
MSVOA_Y
ClientSampleId :

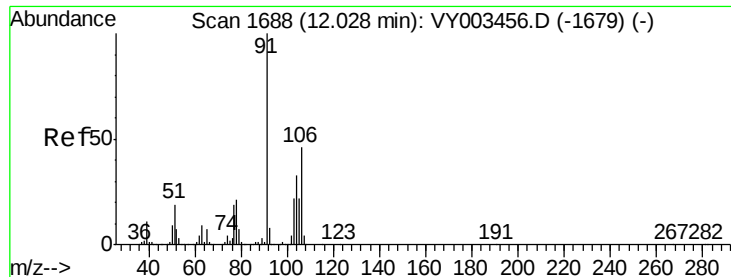
Tot Ion: 91 Resp: 217782
Ion Ratio Lower Upper
91 100
106 30.9 25.2 37.8



#68
m/p-Xylenes
Concen: 19.886 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. -0.00 min
Lab File: VY003454.D
Acq: 05 Oct 2020 15:27

Tgt Ion: 106 Resp: 166854
Ion Ratio Lower Upper
106 100
91 200.7 160.9 241.3

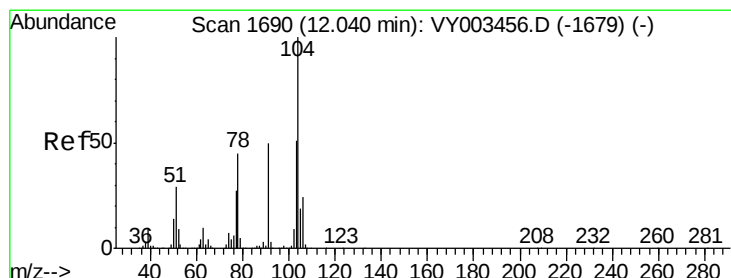
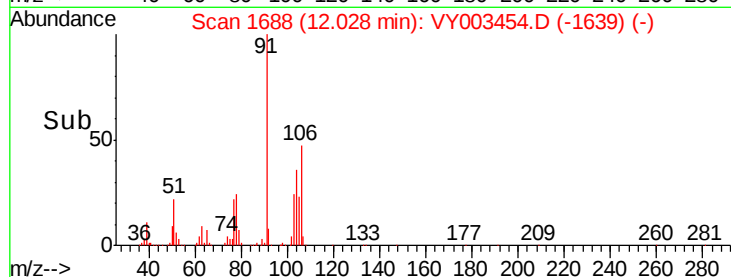
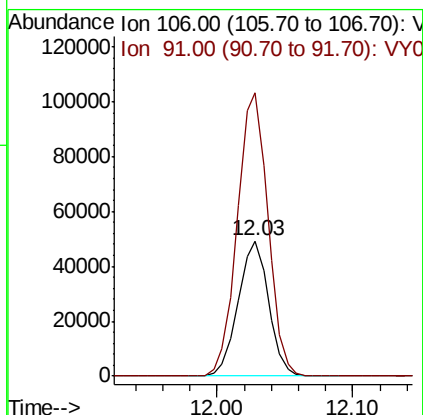
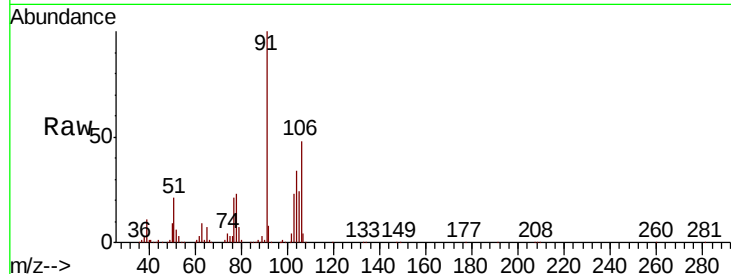




#69
o-Xylene
Concen: 9.735 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY003454.D
Acq: 05 Oct 2020 15:27

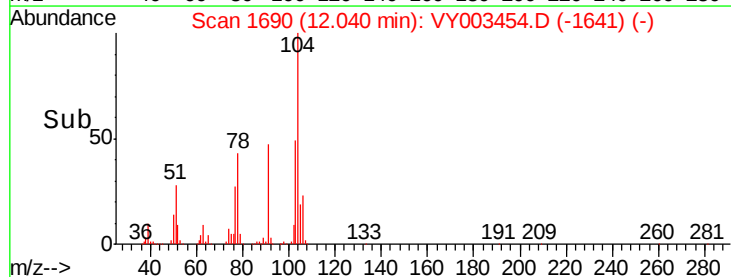
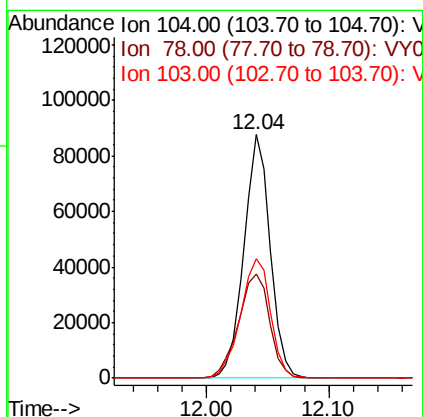
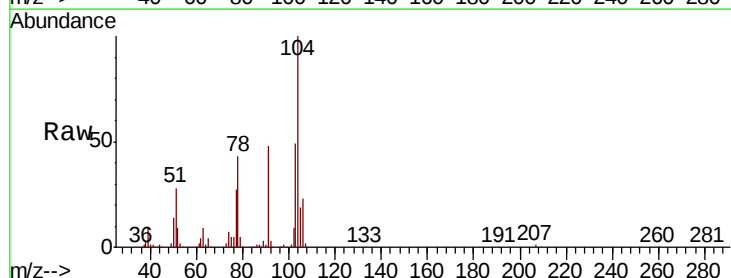
Instrument :
MSVOA_Y
ClientSampled :

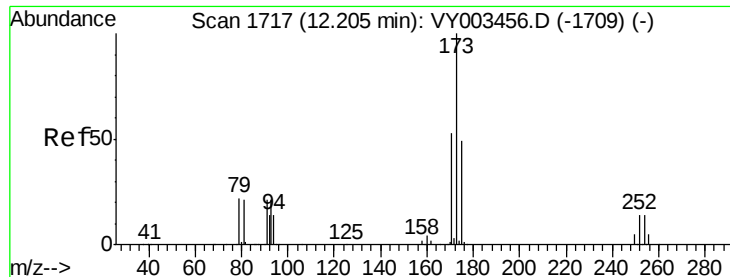
Tot Ion:106 Resp: 76969
Ion Ratio Lower Upper
106 100
91 210.5 106.8 320.4



#70
Styrene
Concen: 9.704 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VY003454.D
Acq: 05 Oct 2020 15:27

Tgt Ion:104 Resp: 130845
Ion Ratio Lower Upper
104 100
78 50.7 39.0 58.6
103 56.0 44.2 66.4





#71

Bromoform

Concen: 9.893 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VY003454.D

Acq: 05 Oct 2020 15:27

Instrument :

MSVOA_Y

ClientSampleId :

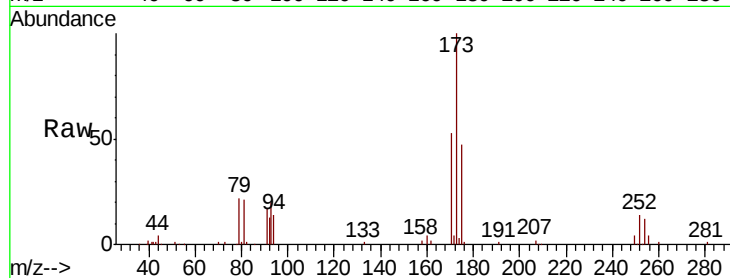
Tot Ion:173 Resp: 30883

Ion Ratio Lower Upper

173 100

175 48.6 24.9 74.7

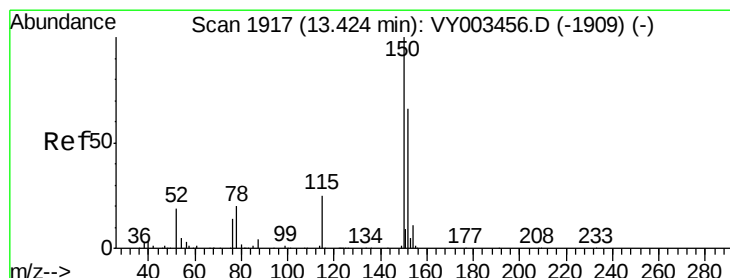
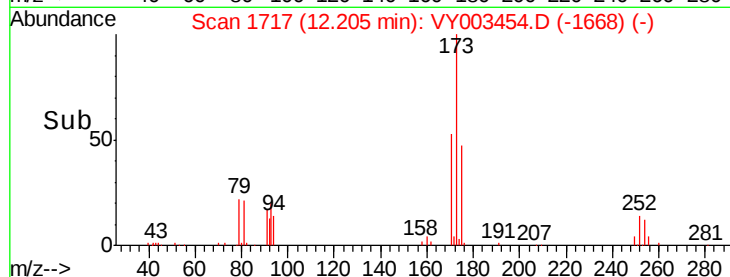
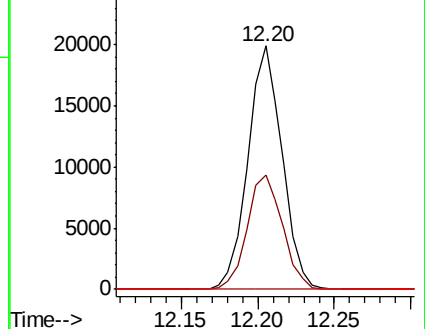
254 0.0 0.2 0.4#



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: VY003454.D

Acq: 05 Oct 2020 15:27

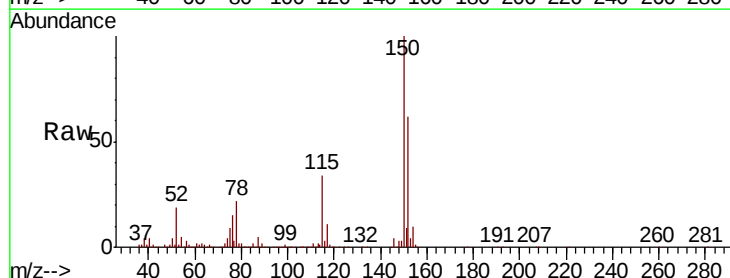
Tgt Ion:152 Resp: 344824

Ion Ratio Lower Upper

152 100

115 54.5 27.0 80.8

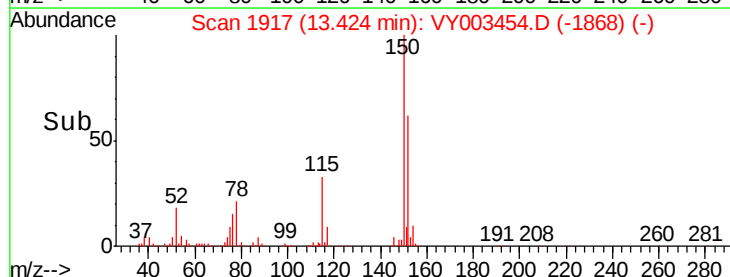
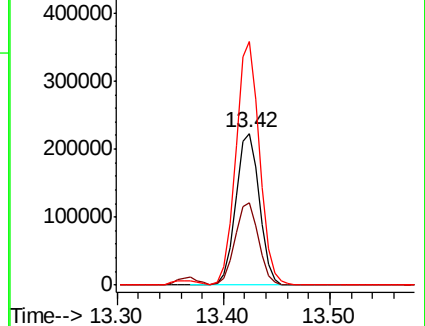
150 161.1 0.0 343.6

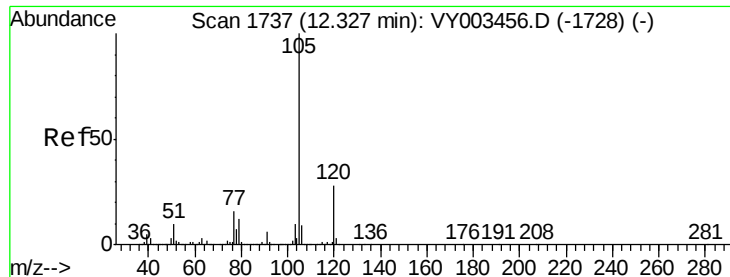


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 9.753 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VY003454.D

Acq: 05 Oct 2020 15:27

Instrument :

MSVOA_Y

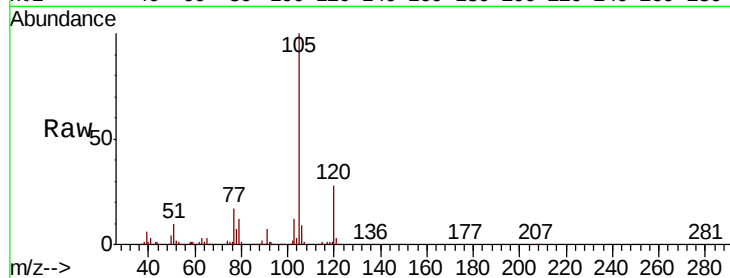
ClientSampled :

Tot Ion: 105 Resp: 211415

Ion Ratio Lower Upper

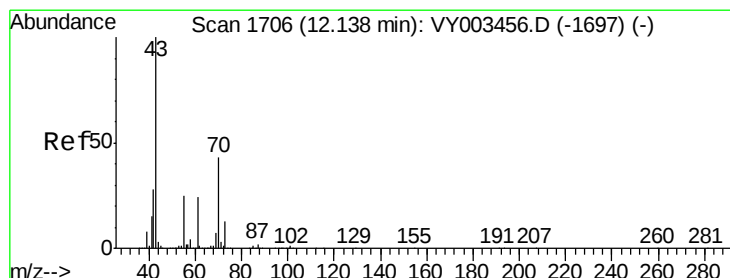
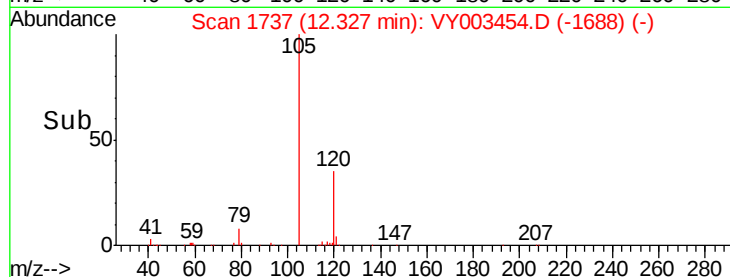
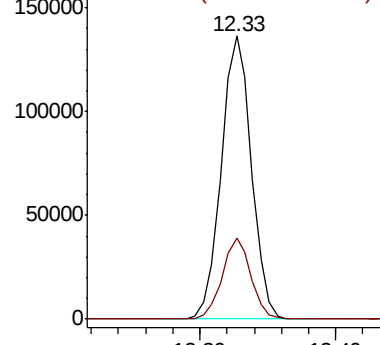
105 100

120 27.2 13.7 41.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 9.917 ug/l

RT: 12.14 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VY003454.D

Acq: 05 Oct 2020 15:27

Tgt Ion: 43 Resp: 61736

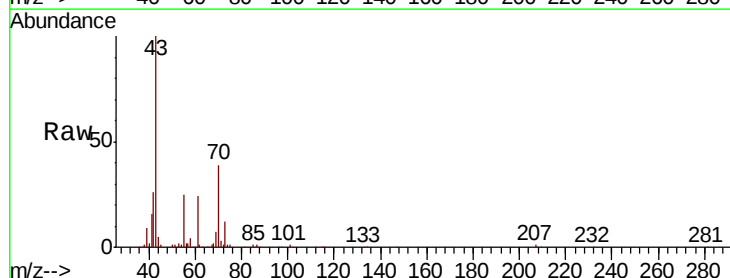
Ion Ratio Lower Upper

43 100

70 41.4 34.0 51.0

55 24.5 19.5 29.3

61 23.4 19.4 29.2

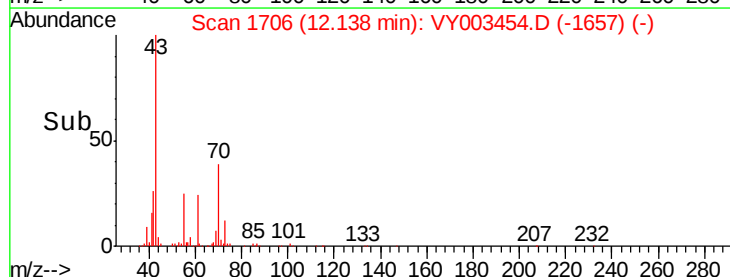
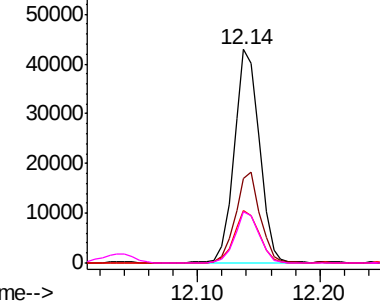


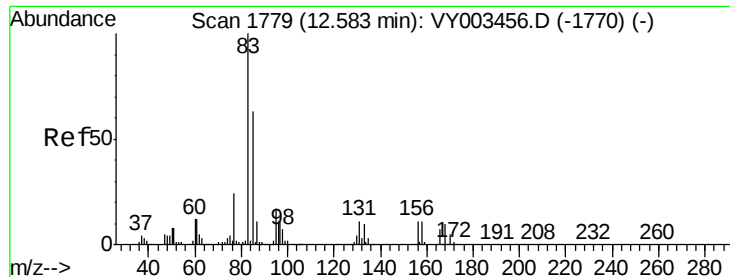
Abundance Ion 43.00 (42.70 to 43.70): VY0

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: 9.977 ug/l

RT: 12.58 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VY003454.D

Acq: 05 Oct 2020 15:27

Instrument :

MSVOA_Y

ClientSampleId :

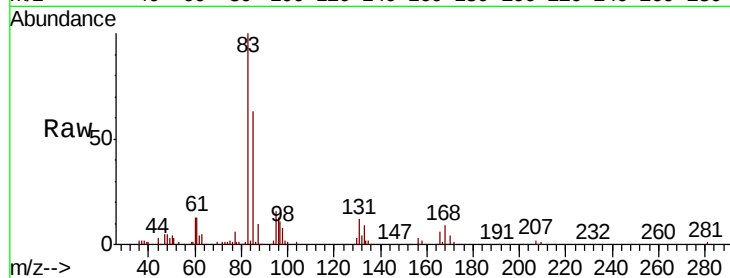
Tot Ion: 83 Resp: 41570

Ion Ratio Lower Upper

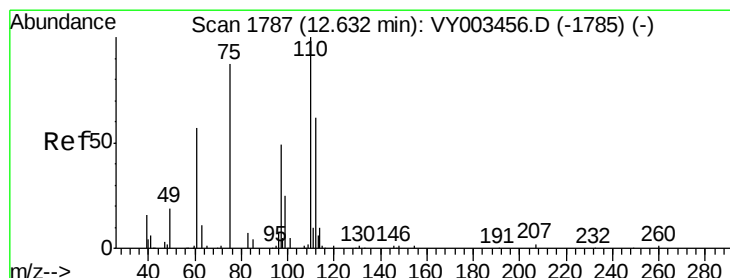
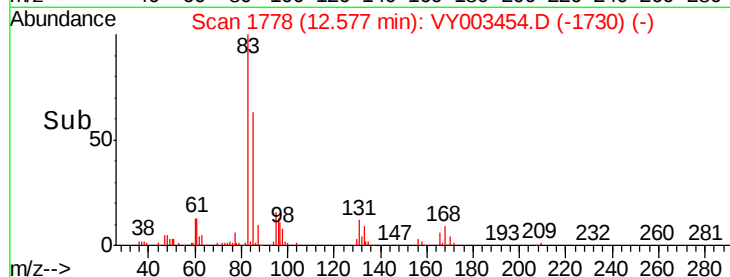
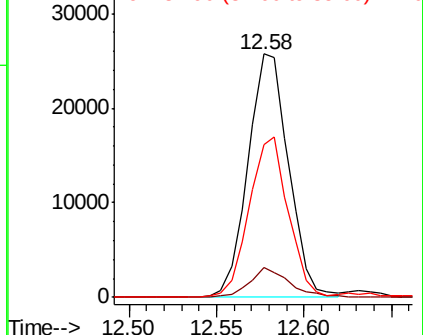
83 100

131 11.9 5.6 16.8

85 63.3 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: 20.603 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. -0.00 min

Lab File: VY003454.D

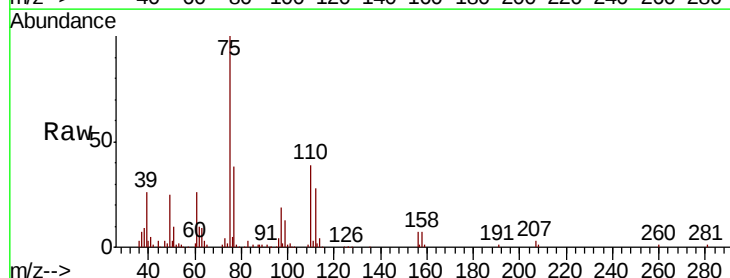
Acq: 05 Oct 2020 15:27

Tgt Ion: 75 Resp: 61265

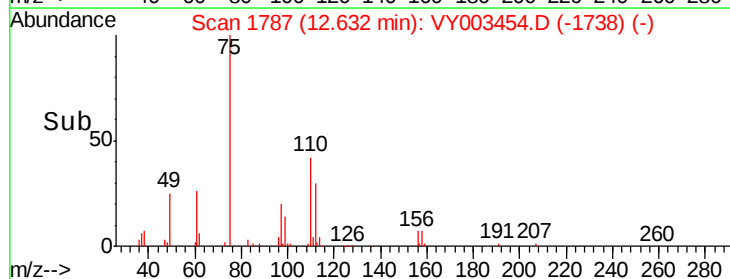
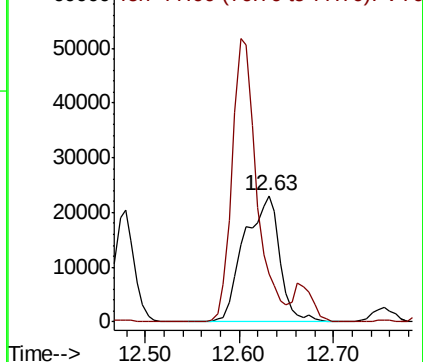
Ion Ratio Lower Upper

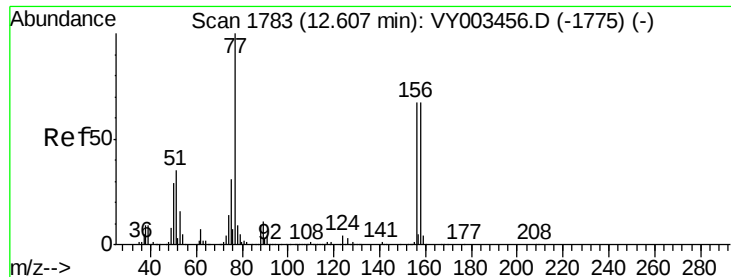
75 100

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: 10.141 ug/l

RT: 12.60 min Scan# 1782

Delta R.T. -0.01 min

Lab File: VY003454.D

Acq: 05 Oct 2020 15:27

Instrument :

MSVOA_Y

ClientSampleId :

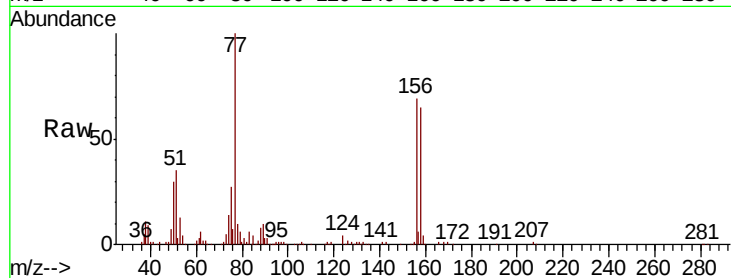
Tot Ion:156 Resp: 58097

Ion Ratio Lower Upper

156 100

77 163.1 84.5 253.4

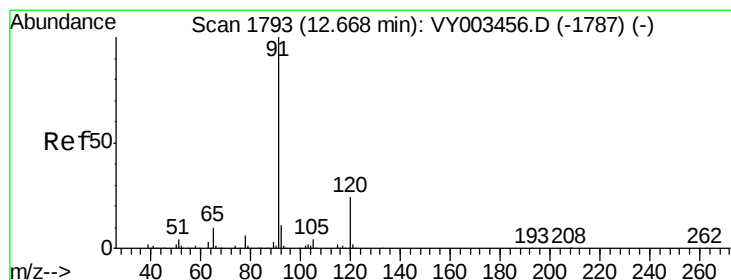
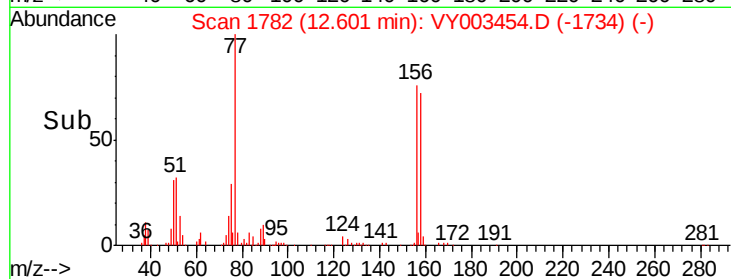
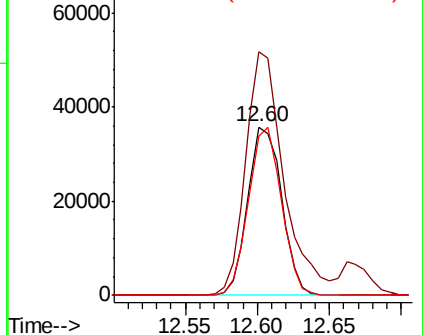
158 97.1 49.4 148.2



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: 9.844 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VY003454.D

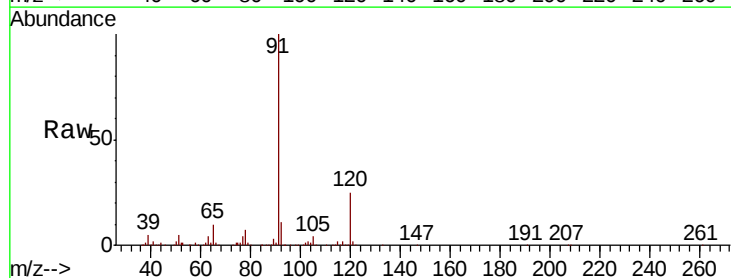
Acq: 05 Oct 2020 15:27

Tgt Ion: 91 Resp: 253276

Ion Ratio Lower Upper

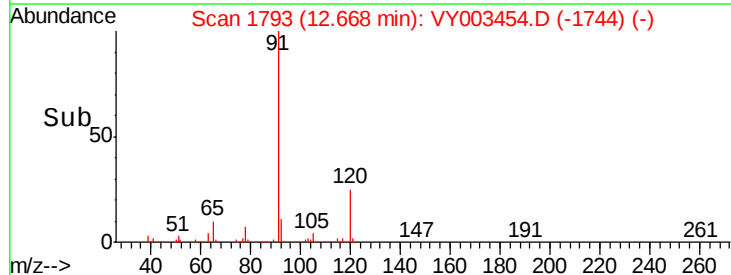
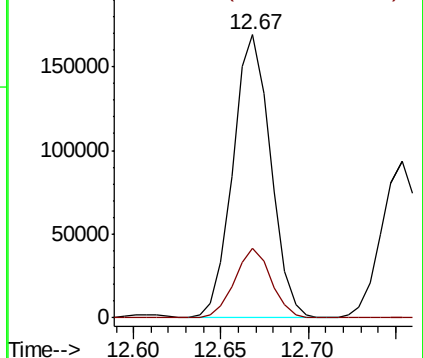
91 100

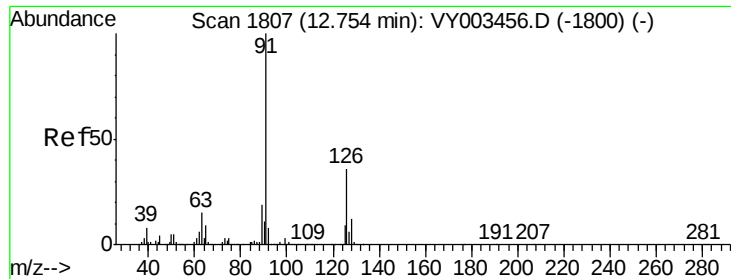
120 23.8 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

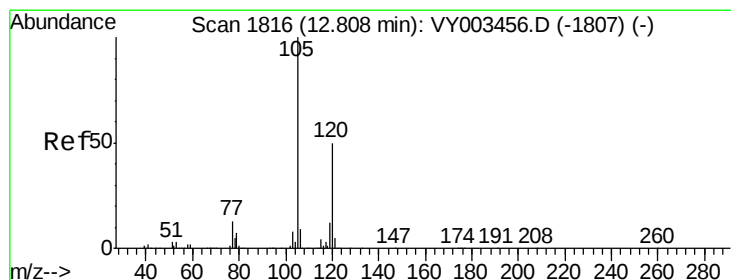
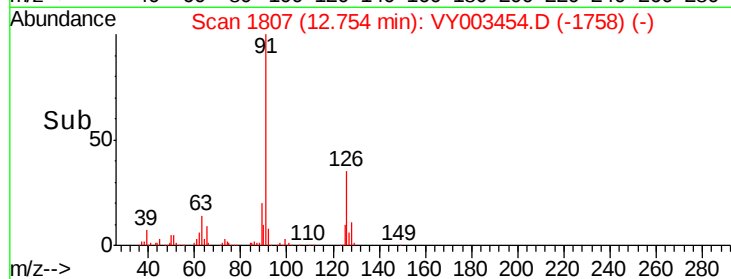
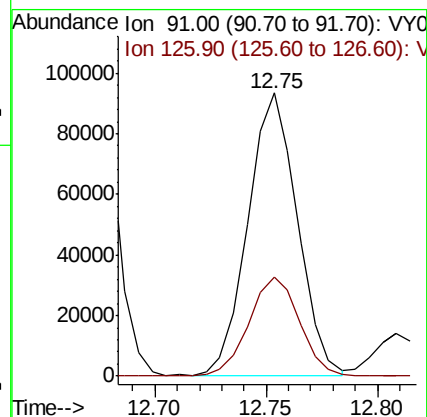
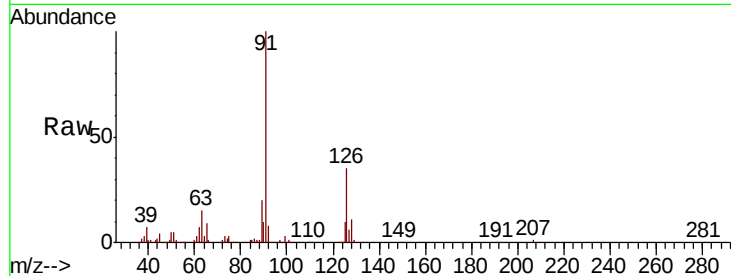




#79
 2-Chlorotoluene
 Concen: 9.973 ug/l
 RT: 12.75 min Scan# 1807
 Delta R.T. -0.00 min
 Lab File: VY003454.D
 Acq: 05 Oct 2020 15:27

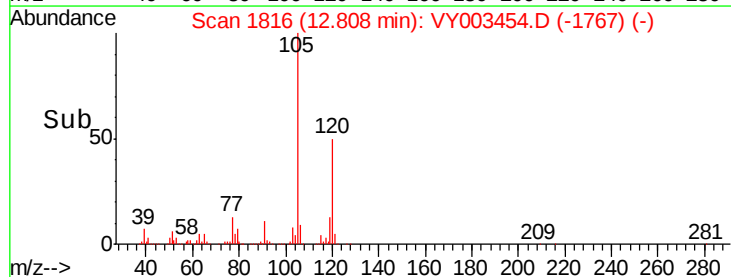
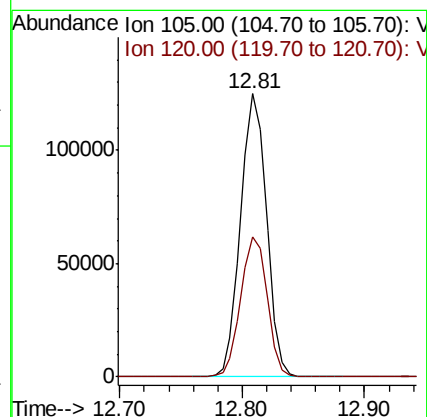
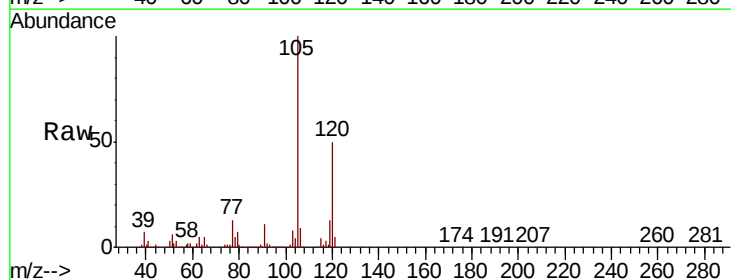
Instrument :
 MSVOA_Y
 ClientSampleId :

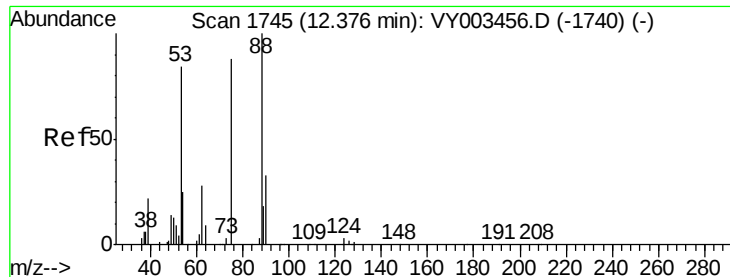
Tot Ion: 91 Resp: 144017
 Ion Ratio Lower Upper
 91 100
 126 35.8 17.8 53.3



#80
 1,3,5-Trimethylbenzene
 Concen: 9.919 ug/l
 RT: 12.81 min Scan# 1816
 Delta R.T. -0.00 min
 Lab File: VY003454.D
 Acq: 05 Oct 2020 15:27

Tgt Ion: 105 Resp: 183941
 Ion Ratio Lower Upper
 105 100
 120 50.4 25.0 75.0





#81

trans-1,4-Dichloro-2-butene

Concen: 9.551 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. -0.00 min

Lab File: VY003454.D

Acq: 05 Oct 2020 15:27

Instrument :

MSVOA_Y

ClientSampleId :

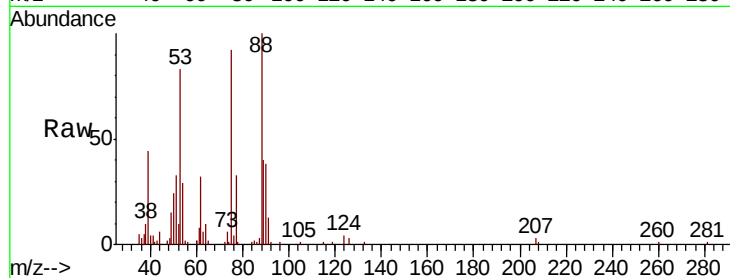
Tot Ion: 75 Resp: 15068

Ion Ratio Lower Upper

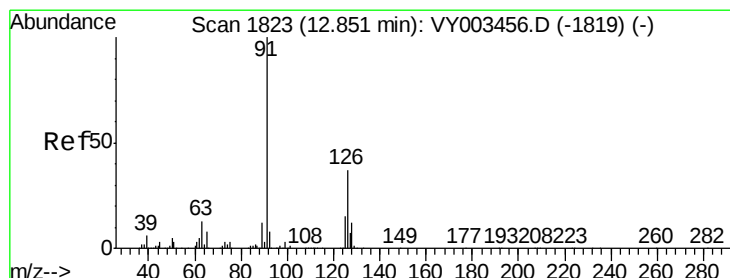
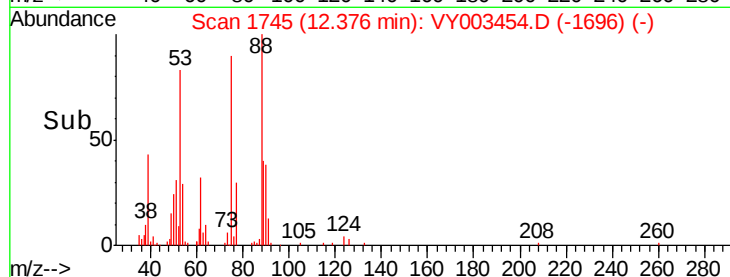
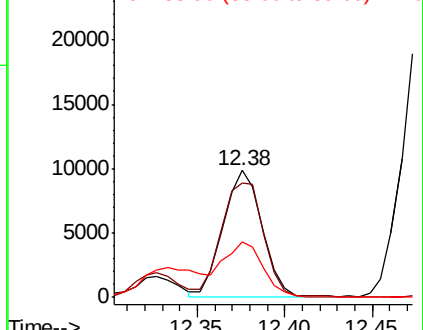
75 100

53 100.5 74.2 111.2

89 44.1 36.2 54.4



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: 10.008 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. -0.00 min

Lab File: VY003454.D

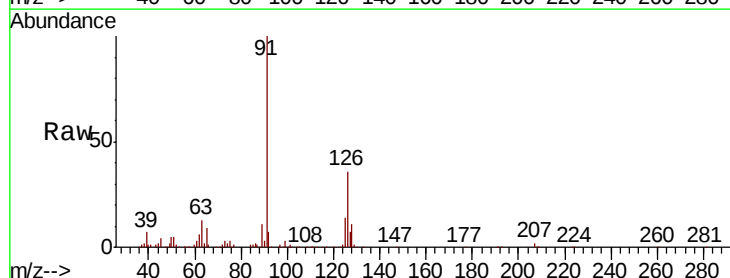
Acq: 05 Oct 2020 15:27

Tgt Ion: 91 Resp: 153147

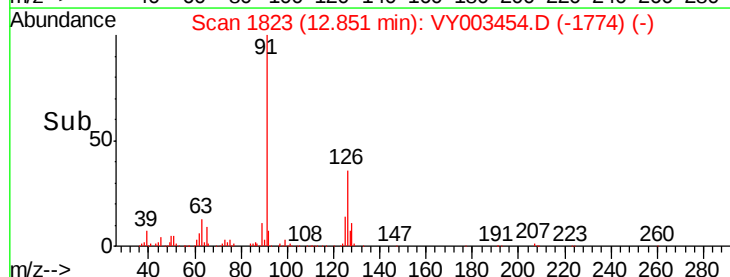
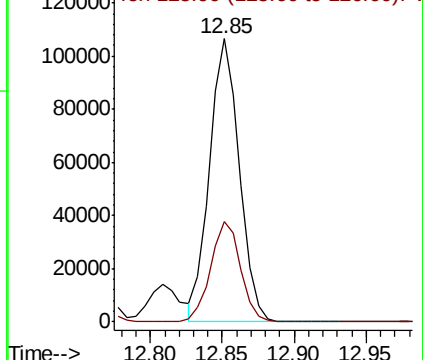
Ion Ratio Lower Upper

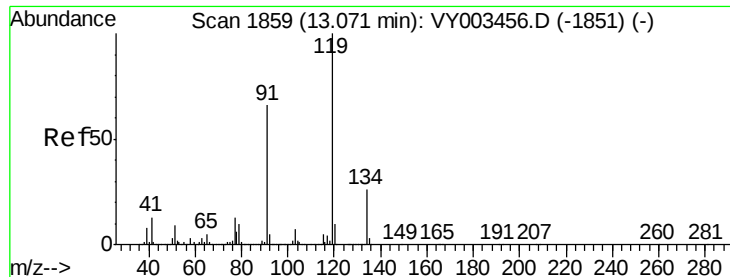
91 100

126 35.7 18.1 54.4



Abundance Ion 91.00 (90.70 to 91.70): VY0
Ion 125.90 (125.60 to 126.60): V

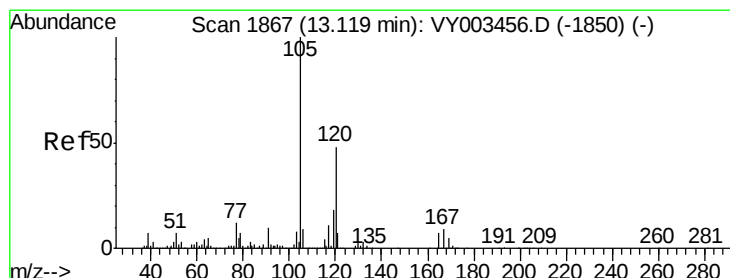
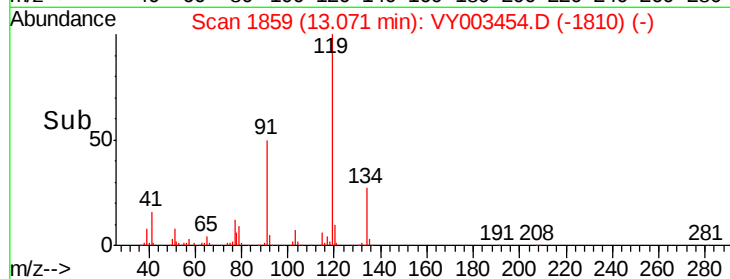
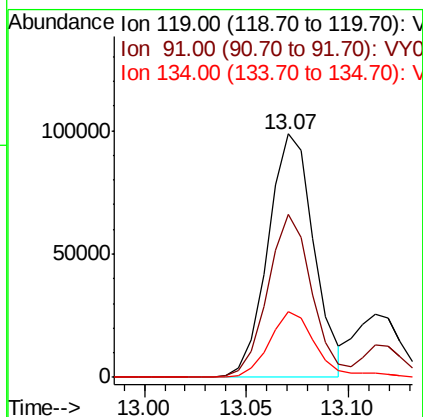
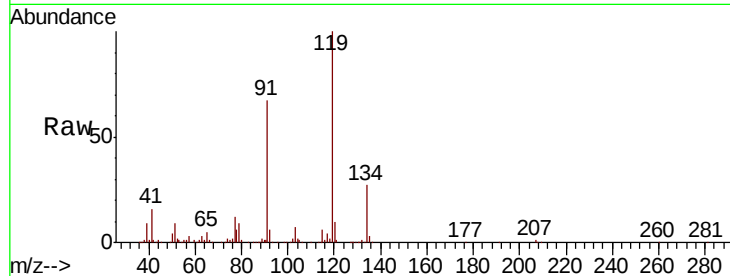




#83
tert-Butylbenzene
Concen: 9.600 ug/l
RT: 13.07 min Scan# 1859
Delta R.T. -0.00 min
Lab File: VY003454.D
Acq: 05 Oct 2020 15:27

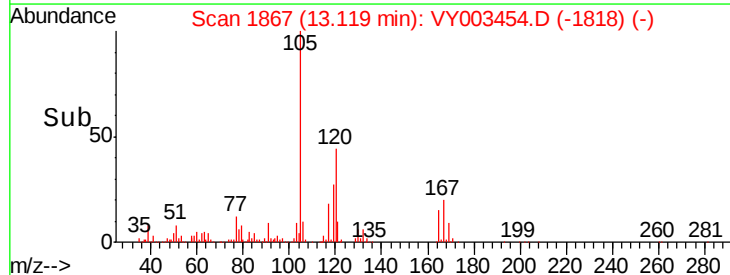
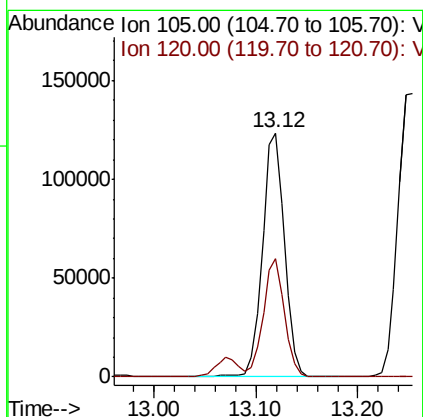
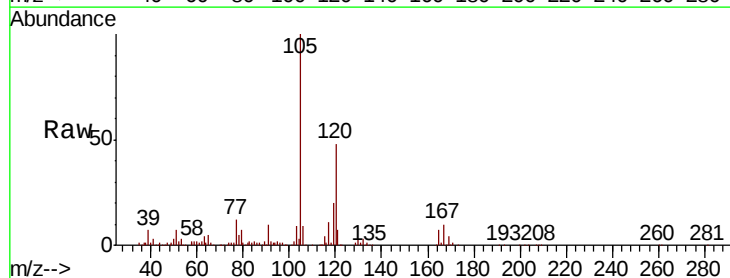
Instrument :
MSVOA_Y
ClientSampled :

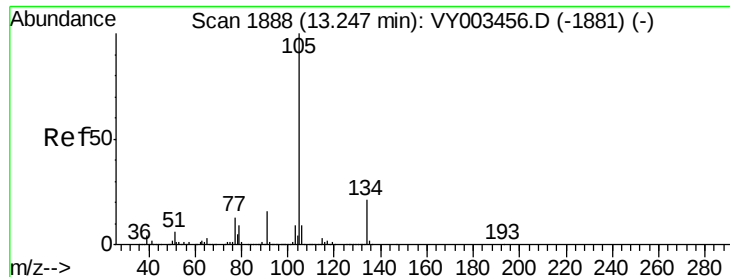
Tot Ion:119 Resp: 155012
Ion Ratio Lower Upper
119 100
91 64.5 32.5 97.4
134 27.7 13.6 40.8



#84
1,2,4-Trimethylbenzene
Concen: 9.934 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. -0.00 min
Lab File: VY003454.D
Acq: 05 Oct 2020 15:27

Tgt Ion:105 Resp: 185982
Ion Ratio Lower Upper
105 100
120 46.3 23.5 70.5





#85

sec-Butylbenzene

Concen: 9.934 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.01 min

Lab File: VY003454.D

Acq: 05 Oct 2020 15:27

Instrument :

MSVOA_Y

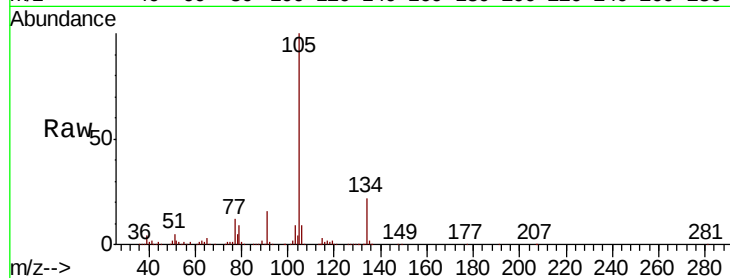
ClientSampleId :

Tot Ion:105 Resp: 220835

Ion Ratio Lower Upper

105 100

134 21.3 10.6 31.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.25

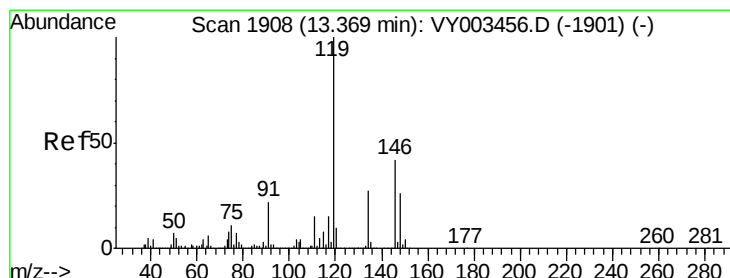
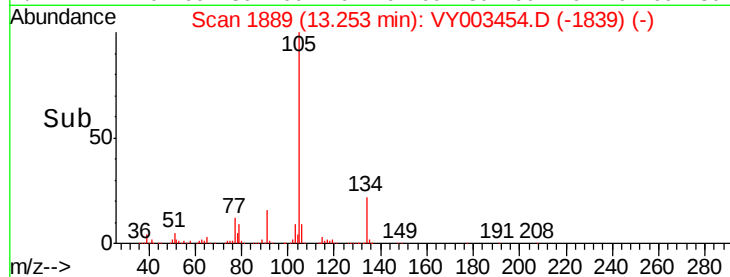
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 9.733 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. -0.01 min

Lab File: VY003454.D

Acq: 05 Oct 2020 15:27

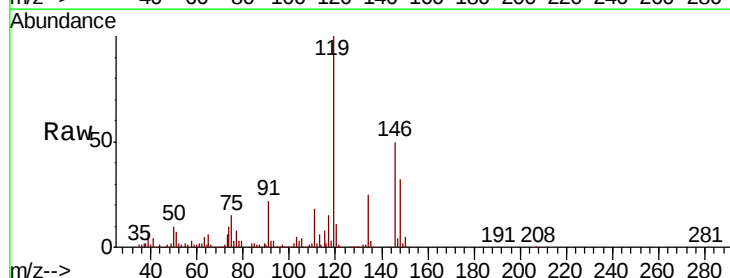
Tgt Ion:119 Resp: 206865

Ion Ratio Lower Upper

119 100

134 26.8 13.4 40.1

91 23.0 11.4 34.2



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

13.36

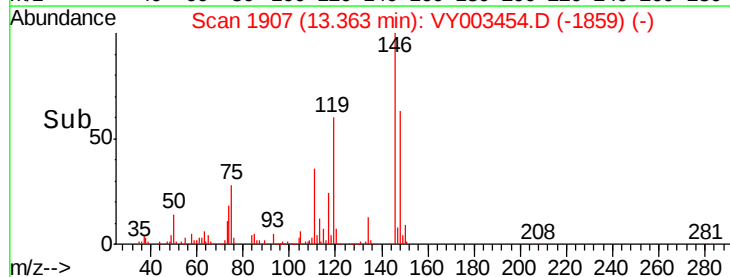
150000

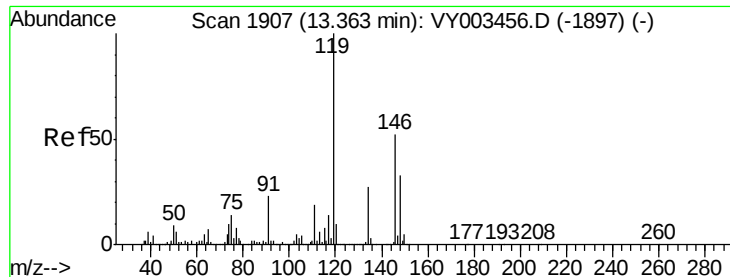
100000

50000

0

Time-->





#87

1,3-Dichlorobenzene

Concen: 10.018 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. -0.00 min

Lab File: VY003454.D

Acq: 05 Oct 2020 15:27

Instrument :

MSVOA_Y

ClientSampleId :

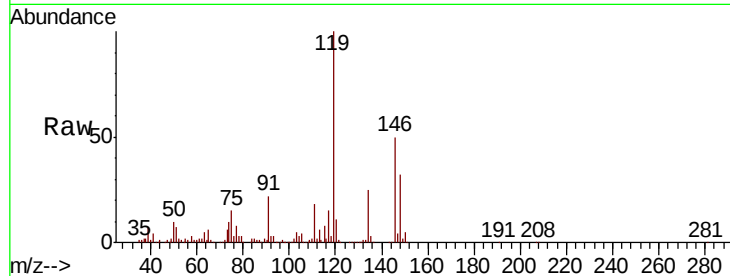
Tot Ion:146 Resp: 110091

Ion Ratio Lower Upper

146 100

111 36.8 18.4 55.0

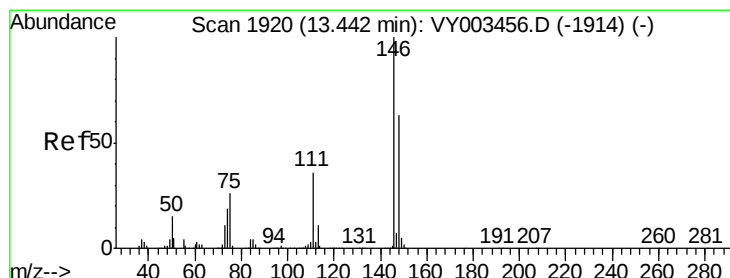
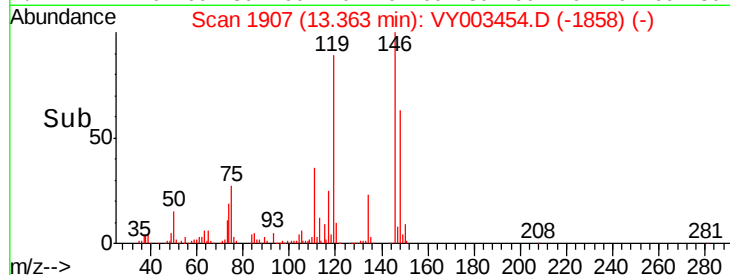
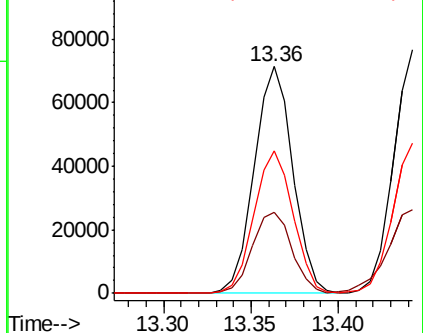
148 63.6 31.9 95.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 10.300 ug/l

RT: 13.44 min Scan# 1920

Delta R.T. -0.00 min

Lab File: VY003454.D

Acq: 05 Oct 2020 15:27

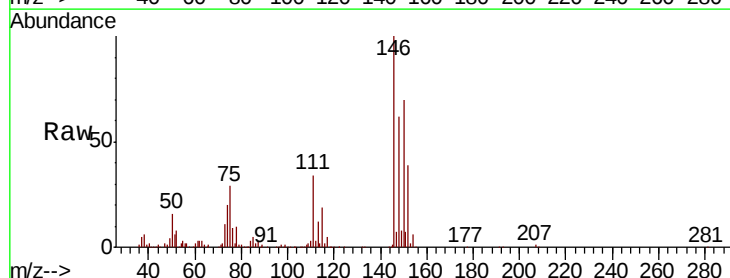
Tgt Ion:146 Resp: 111986

Ion Ratio Lower Upper

146 100

111 39.5 18.4 55.0

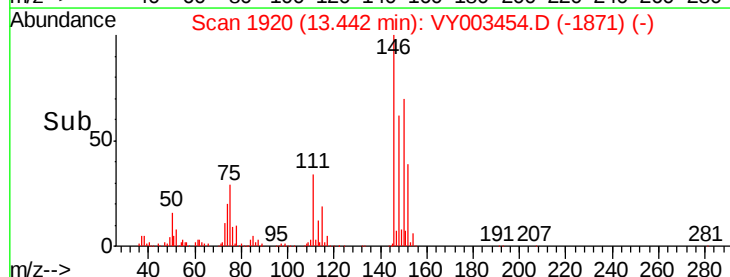
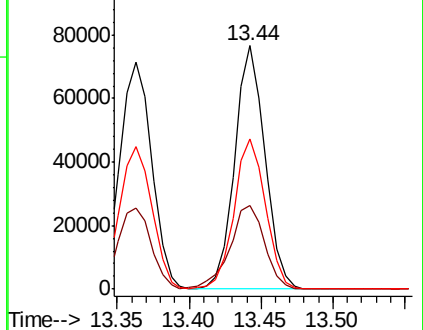
148 64.3 32.4 97.0

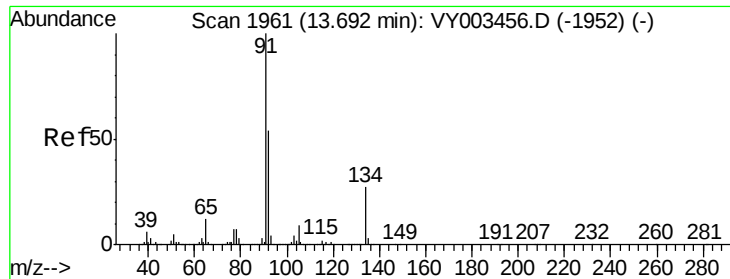


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

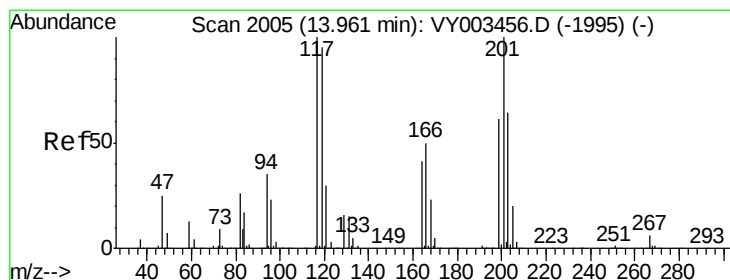
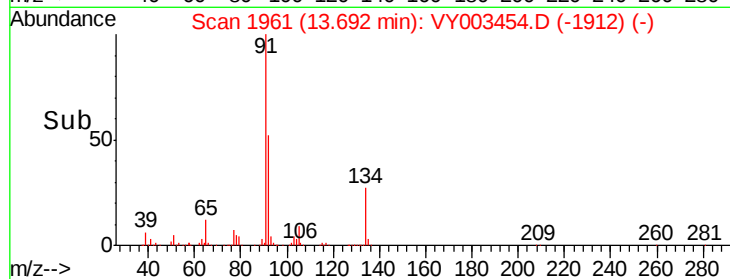
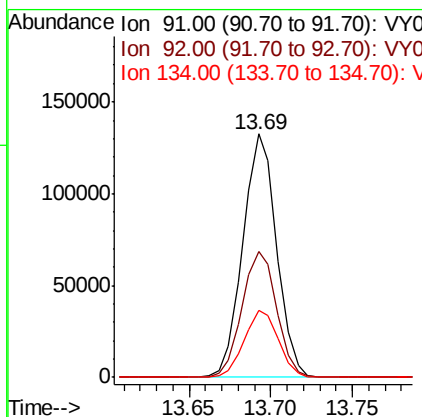
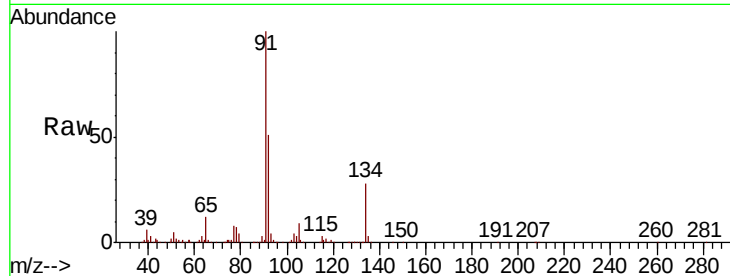




#89
n-Butylbenzene
Concen: 9.880 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. -0.00 min
Lab File: VY003454.D
Acq: 05 Oct 2020 15:27

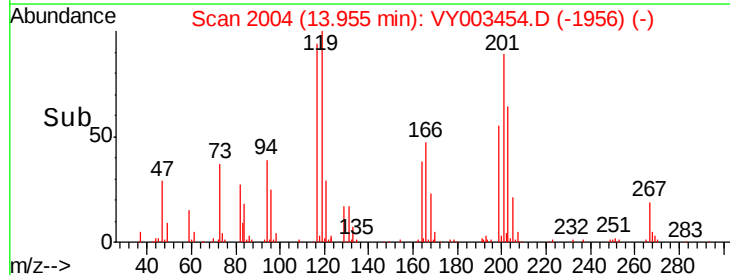
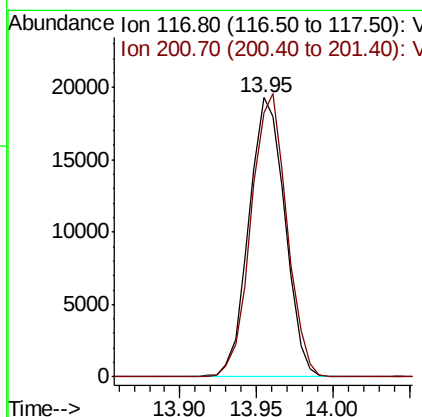
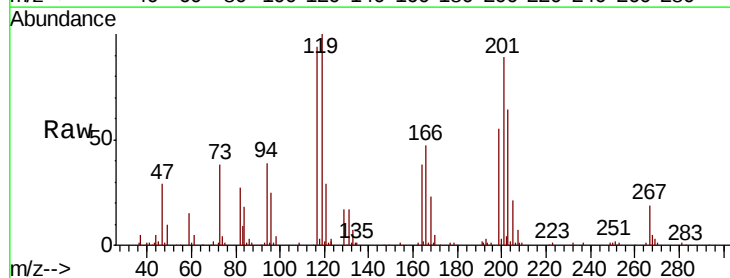
Instrument :
MSVOA_Y
ClientSampleId :

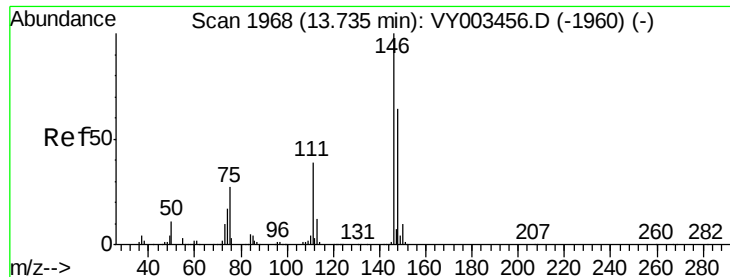
Tot Ion	Ratio	Lower	Upper
91	100		
92	52.9	26.6	79.8
134	28.1	14.1	42.4



#90
Hexachloroethane
Concen: 9.464 ug/l
RT: 13.95 min Scan# 2004
Delta R.T. -0.01 min
Lab File: VY003454.D
Acq: 05 Oct 2020 15:27

Tgt Ion	Ratio	Lower	Upper
117	100		
201	100.4	48.3	144.8

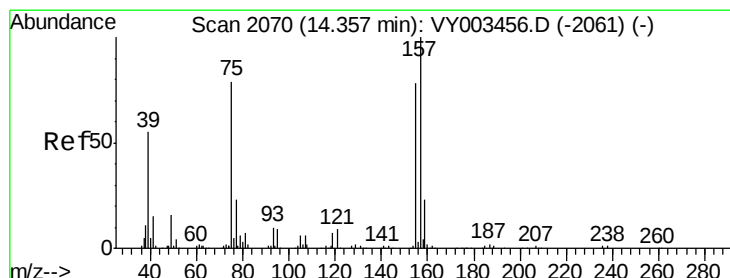
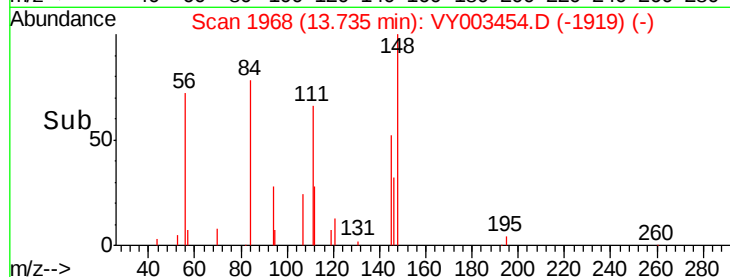
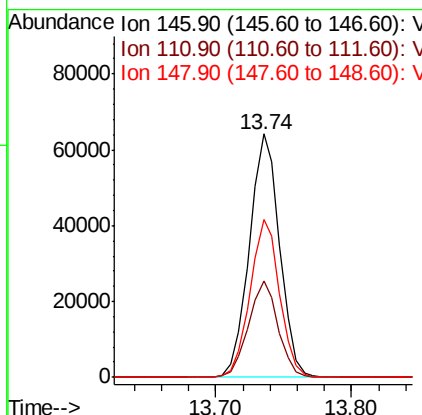
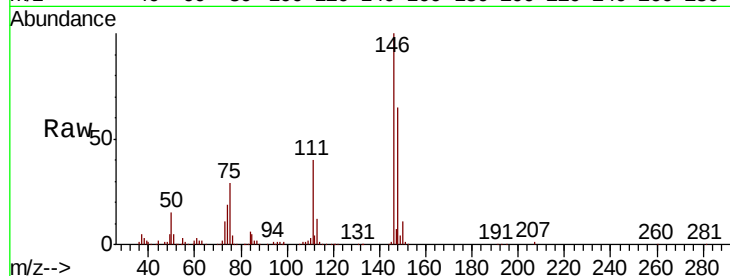




#91
 1,2-Dichlorobenzene
 Concen: 10.227 ug/l
 RT: 13.74 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: VY003454.D
 Acq: 05 Oct 2020 15:27

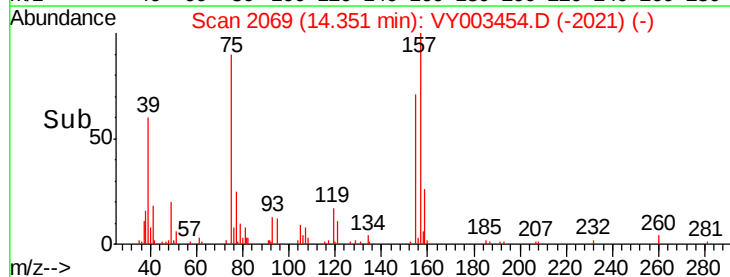
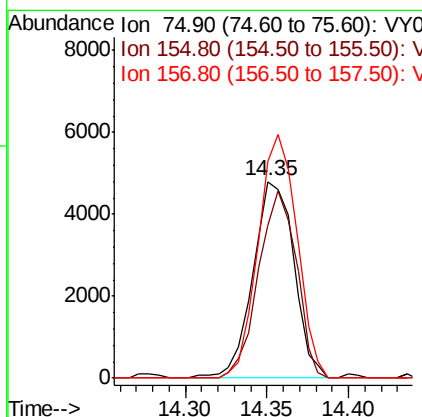
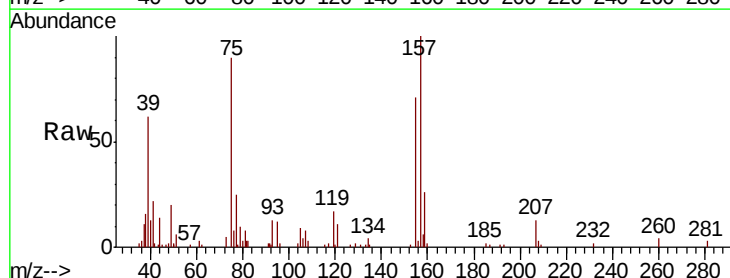
Instrument :
 MSVOA_Y
 ClientSampleId :

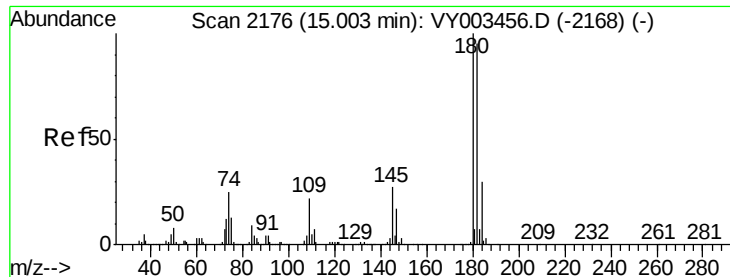
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.6	19.1	57.5
148	63.3	32.1	96.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 10.758 ug/l
 RT: 14.35 min Scan# 2069
 Delta R.T. -0.01 min
 Lab File: VY003454.D
 Acq: 05 Oct 2020 15:27

Tgt Ion	Ratio	Lower	Upper
75	100		
155	87.6	47.8	143.3
157	116.8	60.8	182.4

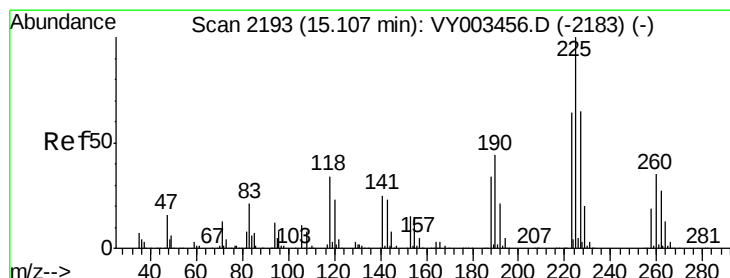
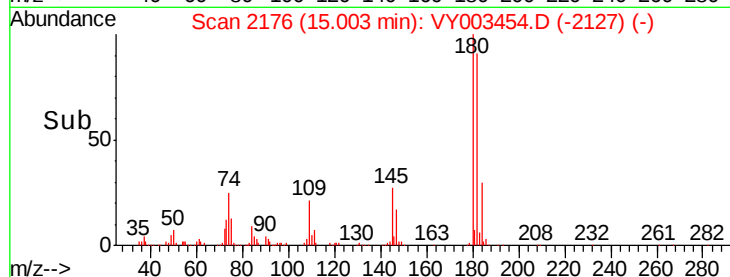
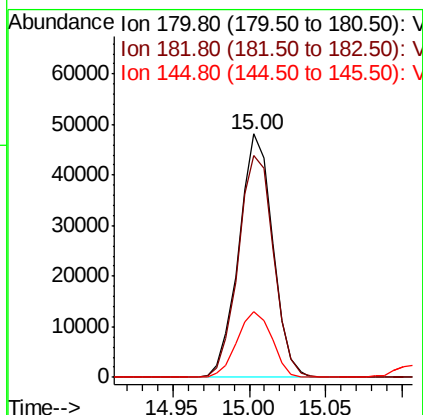
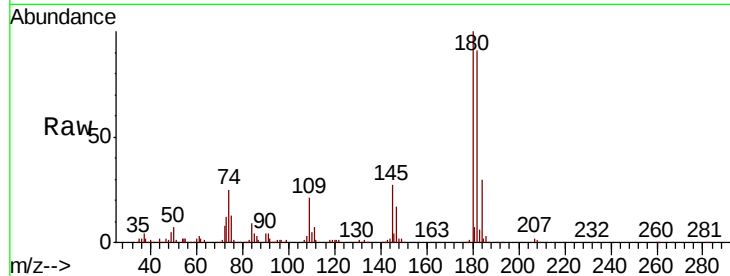




#93
 1,2,4-Trichlorobenzene
 Concen: 10.226 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VY003454.D
 Acq: 05 Oct 2020 15:27

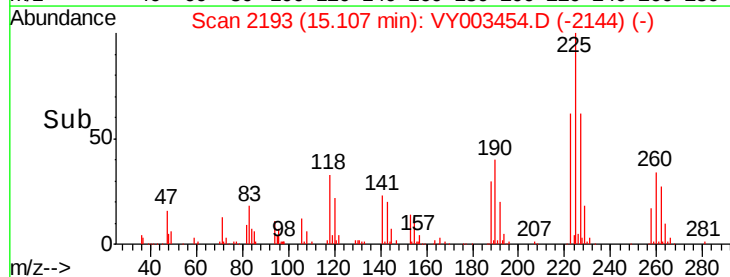
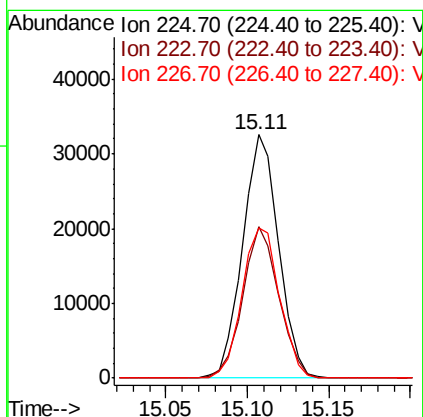
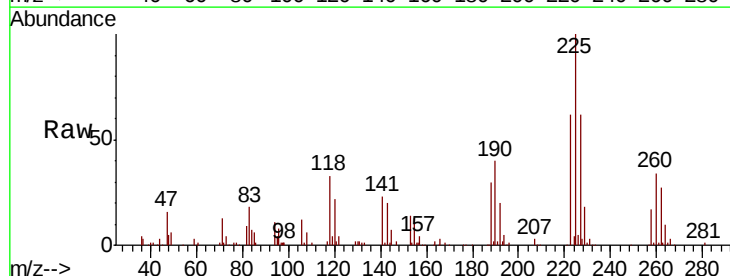
Instrument :
 MSVOA_Y
 ClientSampleId :

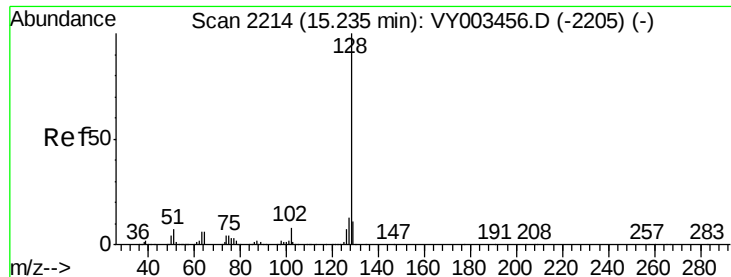
Tot Ion:180 Resp: 74064
 Ion Ratio Lower Upper
 180 100
 182 94.8 48.0 144.0
 145 27.8 13.5 40.5



#94
 Hexachlorobutadiene
 Concen: 10.627 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. -0.00 min
 Lab File: VY003454.D
 Acq: 05 Oct 2020 15:27

Tgt Ion:225 Resp: 50088
 Ion Ratio Lower Upper
 225 100
 223 62.5 31.4 94.0
 227 64.5 32.5 97.4

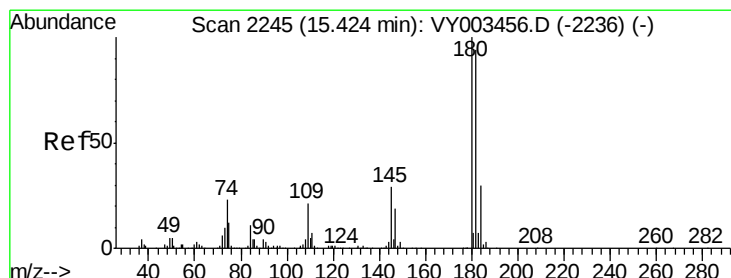
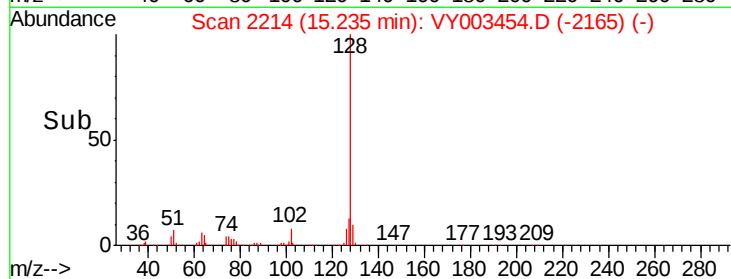
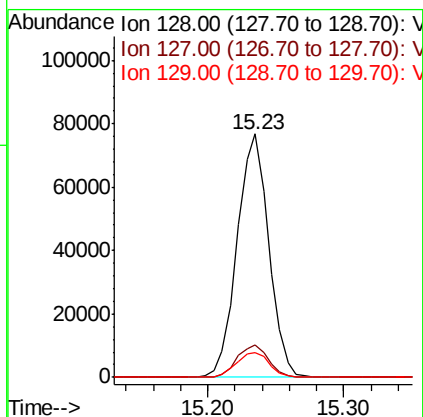
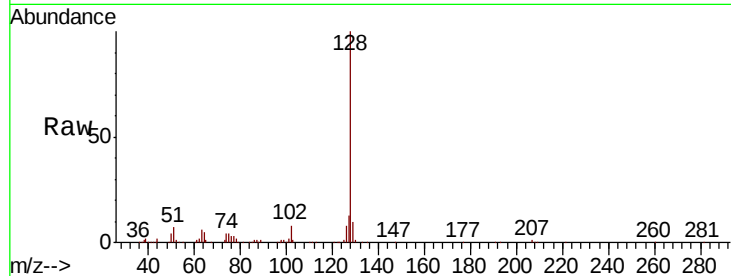




#95
Naphthalene
Concen: 9.719 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VY003454.D
Acq: 05 Oct 2020 15:27

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:128 Resp: 124735
Ion Ratio Lower Upper
128 100
127 13.3 10.4 15.6
129 10.7 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 9.982 ug/l
RT: 15.42 min Scan# 2244
Delta R.T. -0.01 min
Lab File: VY003454.D
Acq: 05 Oct 2020 15:27

Tgt Ion:180 Resp: 62889
Ion Ratio Lower Upper
180 100
182 95.4 47.5 142.6
145 28.4 14.4 43.4

