

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY050620\
 Data File : VY002604.D
 Acq On : 06 May 2020 11:00
 Operator : SY/MD
 Sample : VY0506SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 06 12:53:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
 Quant Title : SW846 8260
 QLast Update : Mon May 04 12:22:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	389547	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	579545	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	521922	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	270027	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.16	65	163113	49.80	ug/l	0.00
Spiked Amount			Recovery	=	99.60%	
35) Dibromofluoromethane	7.73	113	172755	52.12	ug/l	0.00
Spiked Amount			Recovery	=	104.24%	
50) Toluene-d8	10.19	98	680762	52.60	ug/l	0.00
Spiked Amount			Recovery	=	105.20%	
62) 4-Bromofluorobenzene	12.49	95	229161	52.18	ug/l	0.00
Spiked Amount			Recovery	=	104.36%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	48000	16.165	ug/l	100
3) Chloromethane	2.12	50	58869	18.653	ug/l	99
4) Vinyl Chloride	2.26	62	68052	18.674	ug/l	97
5) Bromomethane	2.65	94	46168	18.371	ug/l	96
6) Chloroethane	2.80	64	40505	18.615	ug/l	98
7) Trichlorofluoromethane	3.14	101	104083	18.428	ug/l	98
8) Diethyl Ether	3.54	74	36510	19.236	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.91	101	66858	19.368	ug/l	100
10) Methyl Iodide	4.11	142	82495	17.541	ug/l	98
11) Tert butyl alcohol	4.97	59	28876	85.690	ug/l	99
12) 1,1-Dichloroethene	3.89	96	63839	19.037	ug/l	96
13) Acrolein	3.74	56	17978	77.151	ug/l	96
14) Allyl chloride	4.50	41	95825	19.612	ug/l	98
15) Acrylonitrile	5.19	53	85982	96.061	ug/l	99
16) Acetone	3.97	43	60875	90.056	ug/l	99
17) Carbon Disulfide	4.21	76	177500	17.594	ug/l	100
18) Methyl Acetate	4.50	43	42071	18.627	ug/l	100
19) Methyl tert-butyl Ether	5.25	73	167510	19.146	ug/l	100
20) Methylene Chloride	4.74	84	70934	18.765	ug/l	98
21) trans-1,2-Dichloroethene	5.24	96	70881	19.339	ug/l	98
22) Diisopropyl ether	6.14	45	199285	20.158	ug/l	99
23) Vinyl Acetate	6.08	43	607483	97.707	ug/l	99
24) 1,1-Dichloroethane	6.04	63	116956	19.997	ug/l	99
25) 2-Butanone	7.00	43	101203	91.461	ug/l	96
26) 2,2-Dichloropropane	7.00	77	106245	19.111	ug/l	99
27) cis-1,2-Dichloroethene	7.00	96	79423	19.584	ug/l	99
28) Bromochloromethane	7.35	49	48168	20.101	ug/l	99
29) Tetrahydrofuran	7.36	42	70910	96.860	ug/l	99
30) Chloroform	7.52	83	119123	19.589	ug/l	100
31) Cyclohexane	7.80	56	110689	18.802	ug/l	97
32) 1,1,1-Trichloroethane	7.72	97	108983	19.281	ug/l	100
36) 1,1-Dichloropropene	7.93	75	92693	19.079	ug/l	99
37) Ethyl Acetate	7.09	43	48071	19.254	ug/l	99
38) Carbon Tetrachloride	7.91	117	101900	19.211	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	121661	18.959	ug/l	97
40) Benzene	8.18	78	273344	19.480	ug/l	100
41) Methacrylonitrile	7.36	41	64958	48.391	ug/l #	1
42) 1,2-Dichloroethane	8.25	62	72568	18.437	ug/l	98
43) Isopropyl Acetate	8.28	43	90406	19.316	ug/l	99
44) Trichloroethene	8.95	130	86328	19.686	ug/l	92
45) 1,2-Dichloropropane	9.23	63	66570	19.657	ug/l	99
46) Dibromomethane	9.32	93	37288	19.137	ug/l	99
47) Bromodichloromethane	9.50	83	91931	19.404	ug/l	98
48) Methyl methacrylate	9.30	41	39720	18.752	ug/l	98
49) 1,4-Dioxane	9.30	88	10532	408.237	ug/l	98
51) 4-Methyl-2-Pentanone	10.08	43	234968	97.397	ug/l	100
52) Toluene	10.25	92	176171	19.535	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	96000	19.339	ug/l	98
54) cis-1,3-Dichloropropene	9.94	75	111579	19.443	ug/l	99
55) 1,1,2-Trichloroethane	10.66	97	56592	19.917	ug/l	96
56) Ethyl methacrylate	10.52	69	72874	19.279	ug/l	99
57) 1,3-Dichloropropane	10.80	76	93850	19.476	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.79	63	200888	100.777	ug/l	99
59) 2-Hexanone	10.84	43	160863	96.880	ug/l	100
60) Dibromochloromethane	10.99	129	70937	19.629	ug/l	98
61) 1,2-Dibromoethane	11.10	107	53978	19.185	ug/l	99
64) Tetrachloroethene	10.73	164	97722	21.073	ug/l	98
65) Chlorobenzene	11.53	112	194737	19.627	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.60	131	74356	20.189	ug/l	99
67) Ethyl Benzene	11.60	91	345715	19.837	ug/l	99
68) m/p-Xylenes	11.71	106	267534	39.674	ug/l	99
69) o-Xylene	12.03	106	124829	19.770	ug/l	100
70) Styrene	12.05	104	215026	19.921	ug/l	99
71) Bromoform	12.22	173	44051	19.271	ug/l #	99
73) Isopropylbenzene	12.34	105	343637	19.636	ug/l	100
74) N-amyl acetate	12.15	43	82795	19.667	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.59	83	50918	18.295	ug/l	100
76) 1,2,3-Trichloropropane	12.64	75	82929	34.559	ug/l #	100
77) Bromobenzene	12.62	156	85159	19.477	ug/l	99
78) n-propylbenzene	12.68	91	404852	19.935	ug/l	100
79) 2-Chlorotoluene	12.77	91	222473	19.776	ug/l	99
80) 1,3,5-Trimethylbenzene	12.82	105	287948	19.850	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.39	75	22170	18.526	ug/l	99
82) 4-Chlorotoluene	12.86	91	237737	20.118	ug/l	99
83) tert-Butylbenzene	13.08	119	260801	20.504	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	291632	20.172	ug/l	99
85) sec-Butylbenzene	13.26	105	356607	20.204	ug/l	100
86) p-Isopropyltoluene	13.38	119	330514	19.985	ug/l	100
87) 1,3-Dichlorobenzene	13.38	146	163688	19.780	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	162920	19.882	ug/l	98
89) n-Butylbenzene	13.70	91	305786	20.311	ug/l	100
90) Hexachloroethane	13.97	117	60970	20.244	ug/l	97
91) 1,2-Dichlorobenzene	13.75	146	147693	20.002	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.37	75	9294	17.914	ug/l	99

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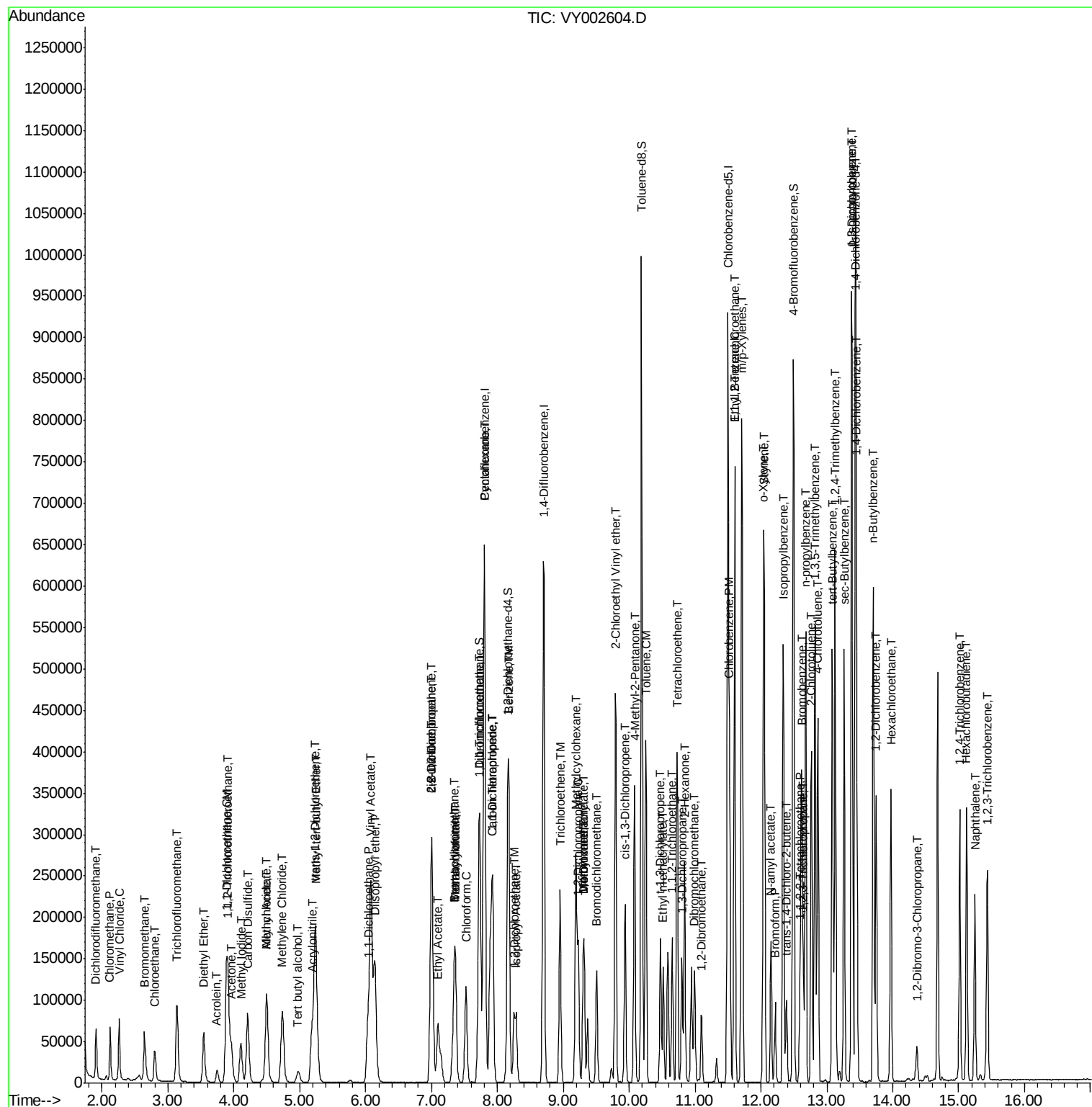
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	106737	19.910	ug/l	99
94) Hexachlorobutadiene	15.13	225	65066	20.220	ug/l	99
95) Naphthalene	15.25	128	186870	19.108	ug/l	100
96) 1,2,3-Trichlorobenzene	15.44	180	90771	19.945	ug/l	99

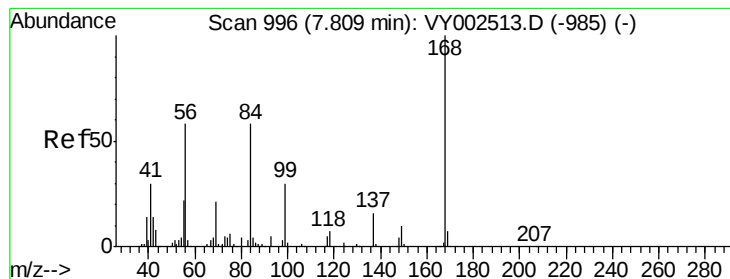
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. 0.00 min

Lab File: VY002604.D

Acq: 06 May 2020 11:00

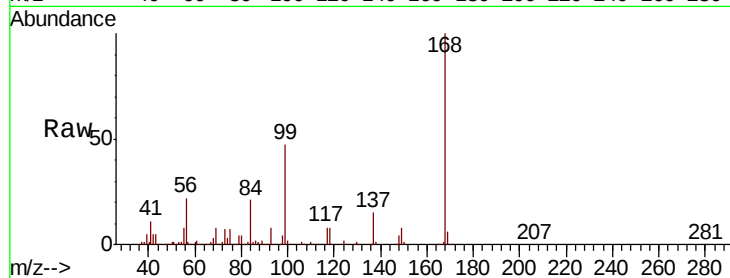
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:168 Resp: 389547

Ion Ratio Lower Upper

168 100

99 47.2 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY002604.D (-947) (-)

Ion 98.90 (98.60 to 99.60): VY002604.D (-947) (-)

7.81

150000

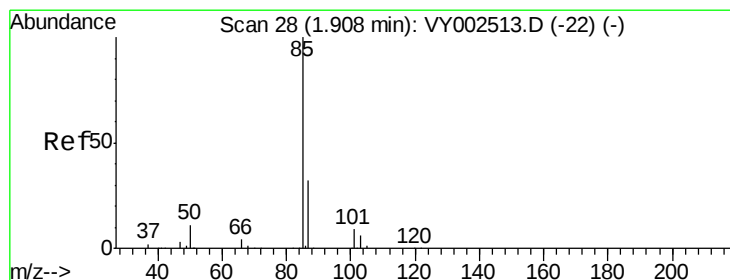
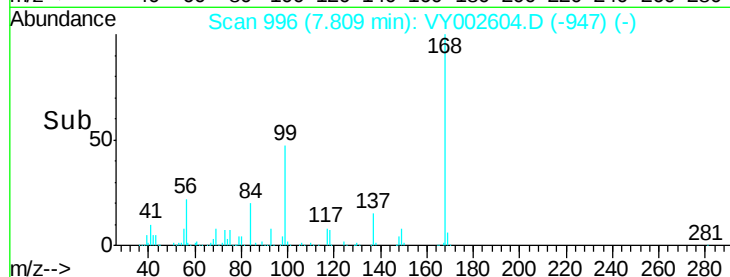
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 16.165 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.00 min

Lab File: VY002604.D

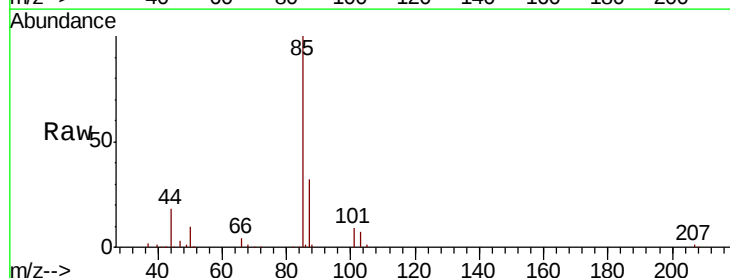
Acq: 06 May 2020 11:00

Tgt Ion: 85 Resp: 48000

Ion Ratio Lower Upper

85 100

87 31.9 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VY002604.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY002604.D (-1) (-)

1.91

40000

30000

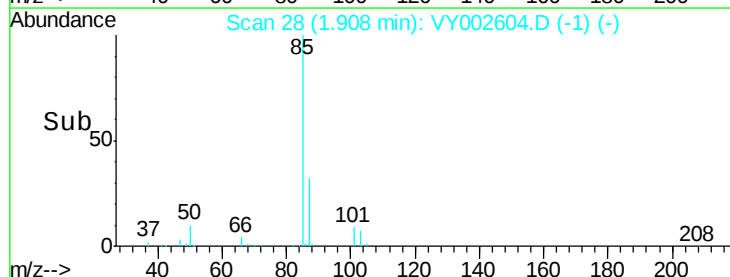
20000

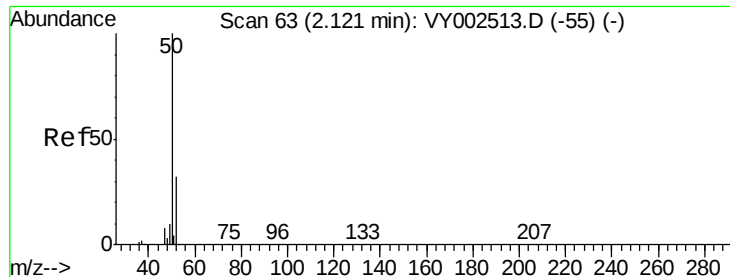
10000

0

1.85 1.90 1.95 2.00

Time-->





#3

Chloromethane

Concen: 18.653 ug/l

RT: 2.12 min Scan# 63

Delta R.T. 0.00 min

Lab File: VY002604.D

Acq: 06 May 2020 11:00

Instrument :

MSVOA_Y

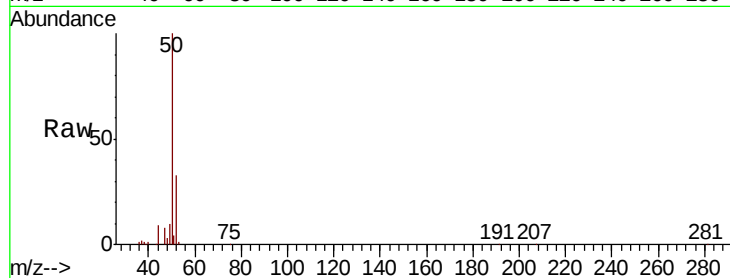
ClientSampleId :

Tot Ion: 50 Resp: 58869

Ion Ratio Lower Upper

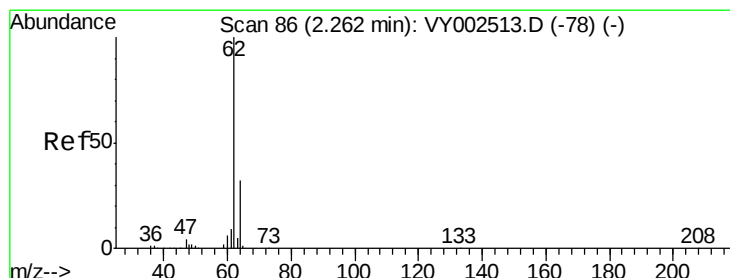
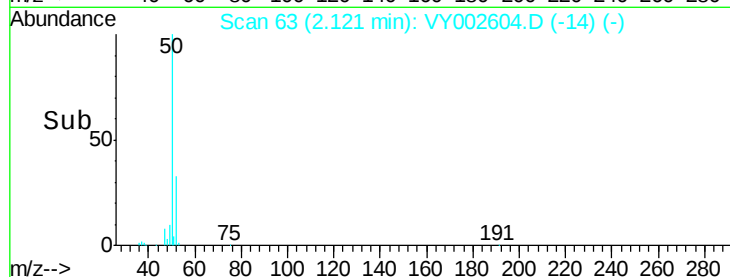
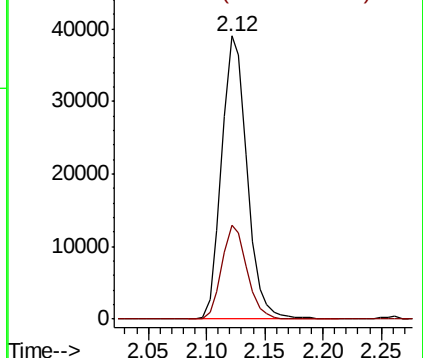
50 100

52 33.2 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 18.674 ug/l

RT: 2.26 min Scan# 86

Delta R.T. 0.00 min

Lab File: VY002604.D

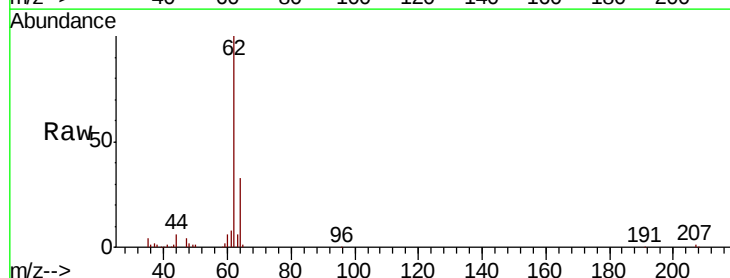
Acq: 06 May 2020 11:00

Tgt Ion: 62 Resp: 68052

Ion Ratio Lower Upper

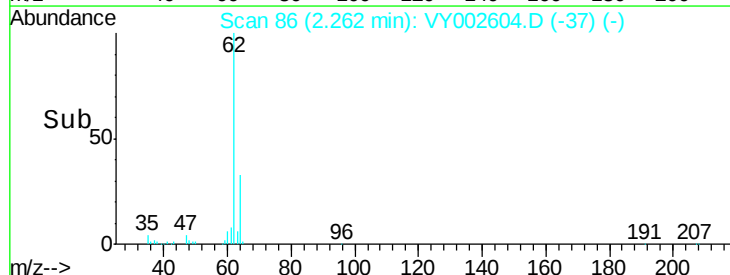
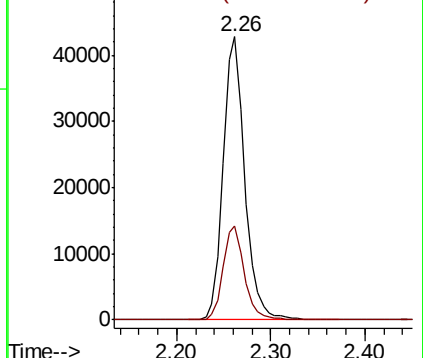
62 100

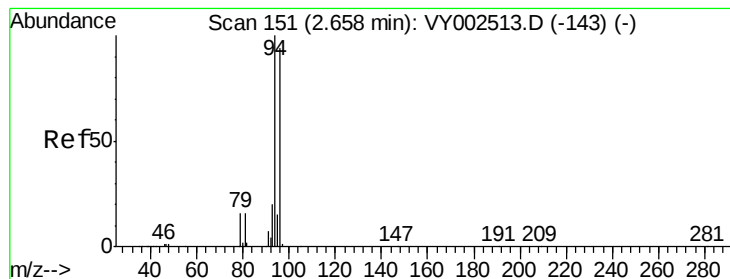
64 33.1 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 18.371 ug/l

RT: 2.65 min Scan# 149

Delta R.T. -0.01 min

Lab File: VY002604.D

Acq: 06 May 2020 11:00

Instrument :

MSVOA_Y

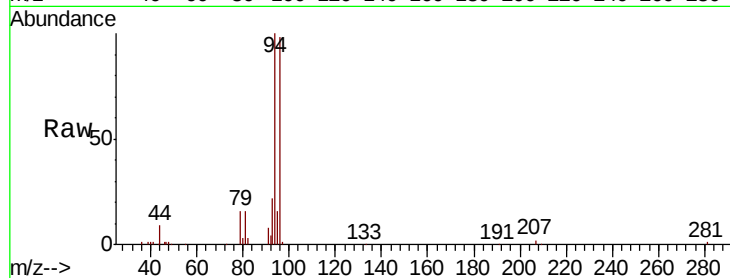
ClientSampleId :

Tot Ion: 94 Resp: 46168

Ion Ratio Lower Upper

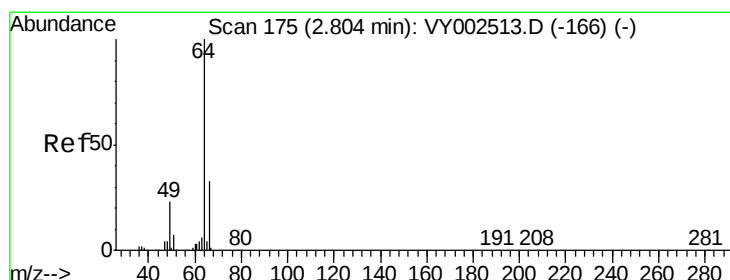
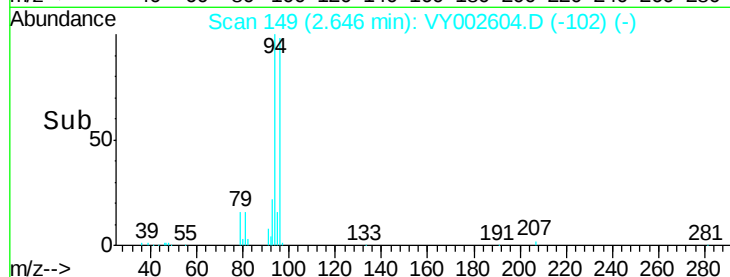
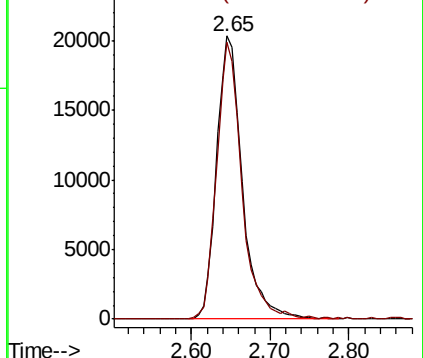
94 100

96 97.8 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 18.615 ug/l

RT: 2.80 min Scan# 175

Delta R.T. 0.00 min

Lab File: VY002604.D

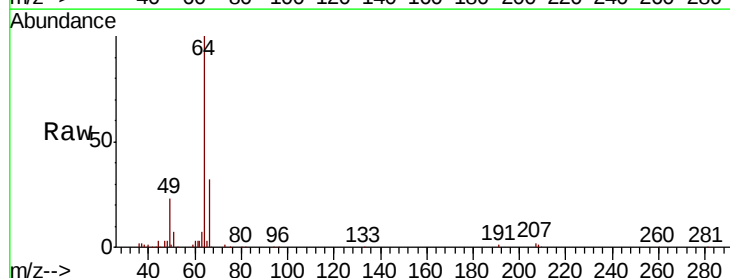
Acq: 06 May 2020 11:00

Tgt Ion: 64 Resp: 40505

Ion Ratio Lower Upper

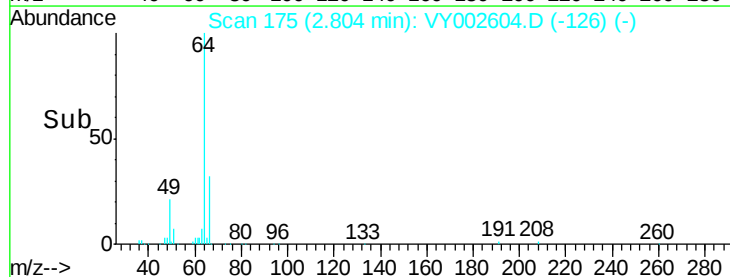
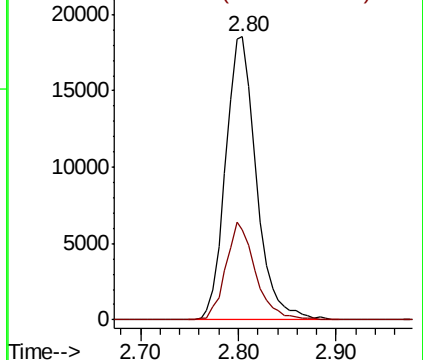
64 100

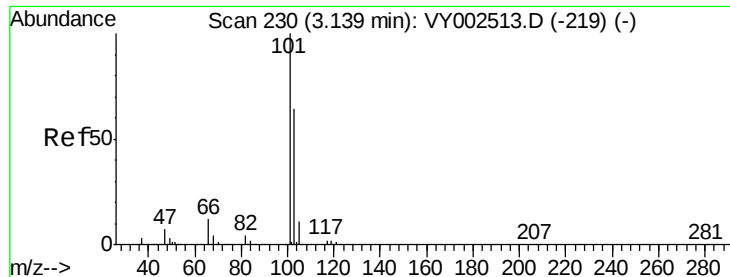
66 32.0 26.3 39.5



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



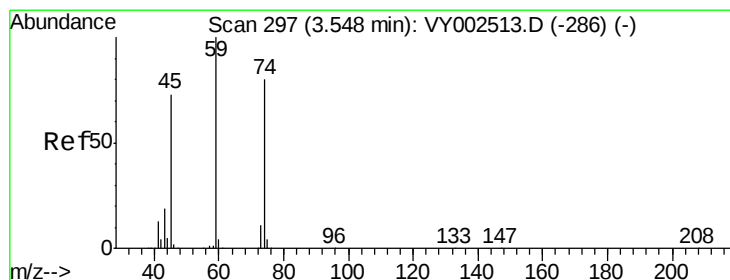
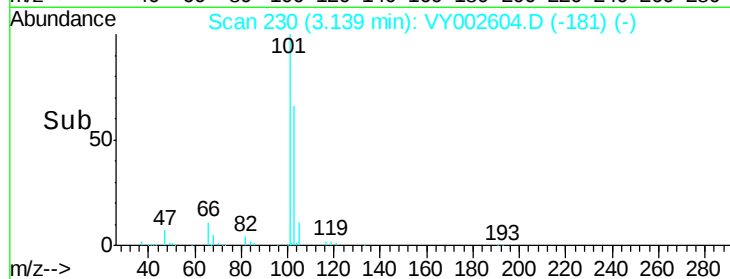
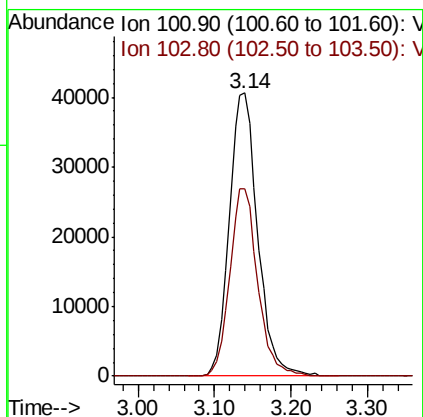
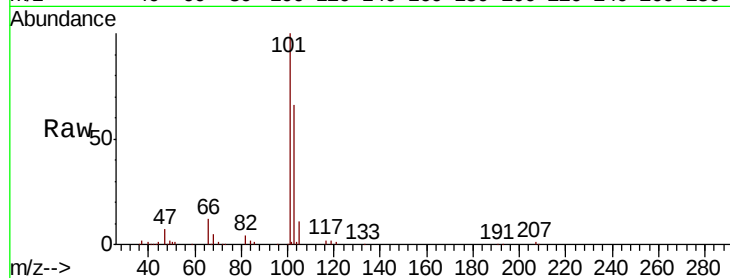


#7

Trichlorofluoromethane
 Concen: 18.428 ug/l
 RT: 3.14 min Scan# 230
 Delta R.T. -0.00 min
 Lab File: VY002604.D
 Acq: 06 May 2020 11:00

Instrument :
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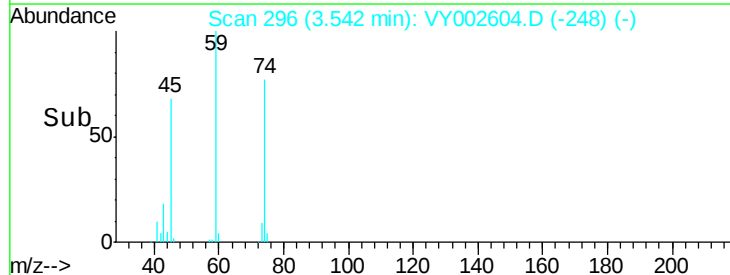
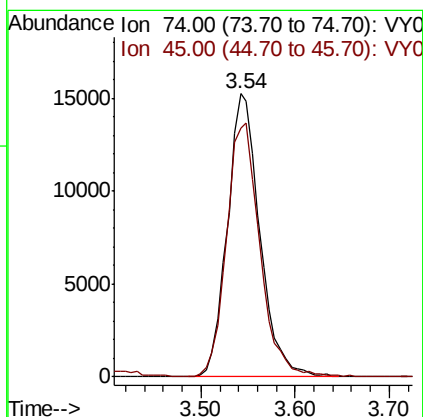
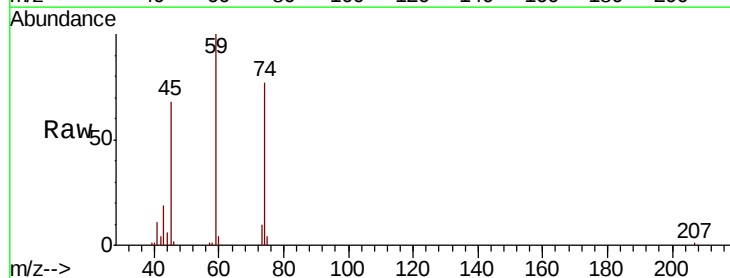
Tot Ion:101 Resp: 104083
 Ion Ratio Lower Upper
 101 100
 103 66.1 51.4 77.0

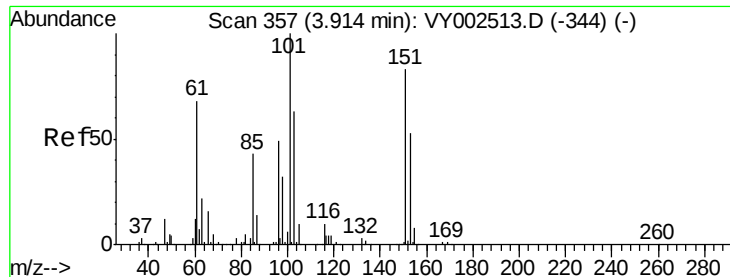


#8

Diethyl Ether
 Concen: 19.236 ug/l
 RT: 3.54 min Scan# 296
 Delta R.T. -0.01 min
 Lab File: VY002604.D
 Acq: 06 May 2020 11:00

Tgt Ion: 74 Resp: 36510
 Ion Ratio Lower Upper
 74 100
 45 92.5 46.2 138.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.368 ug/l

RT: 3.91 min Scan# 357

Delta R.T. -0.00 min

Lab File: VY002604.D

Acq: 06 May 2020 11:00

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MSVOA_Y

ClientSampled :

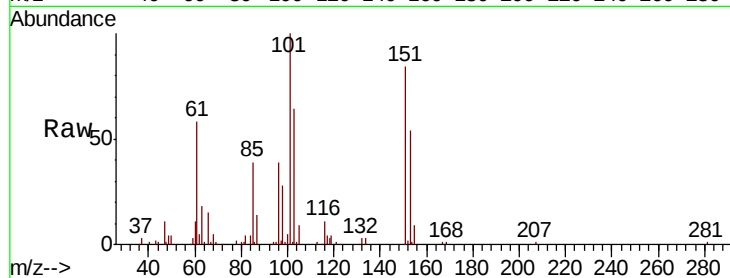
Tot Ion:101 Resp: 66858

Ion Ratio Lower Upper

101 100

85 41.3 33.4 50.2

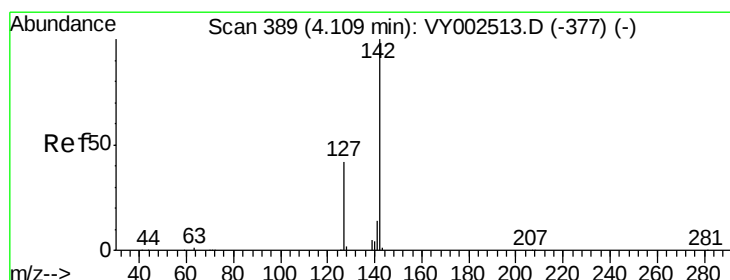
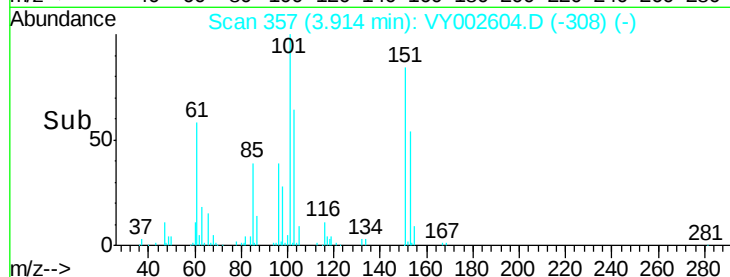
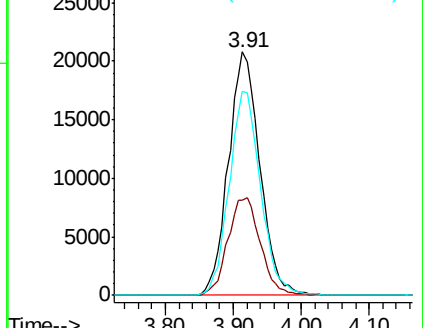
151 83.4 66.8 100.2



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: 17.541 ug/l

RT: 4.11 min Scan# 389

Delta R.T. 0.00 min

Lab File: VY002604.D

Acq: 06 May 2020 11:00

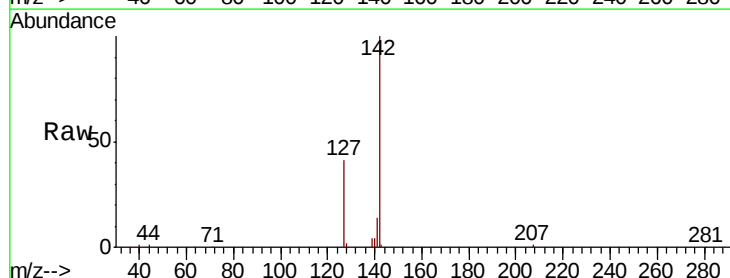
Tgt Ion:142 Resp: 82495

Ion Ratio Lower Upper

142 100

127 40.9 33.7 50.5

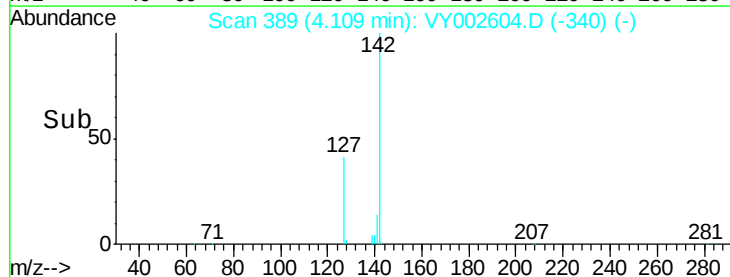
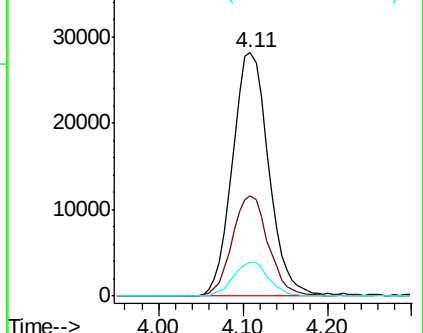
141 13.7 11.4 17.0



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

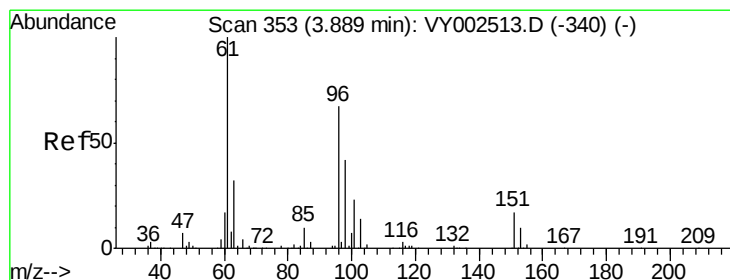
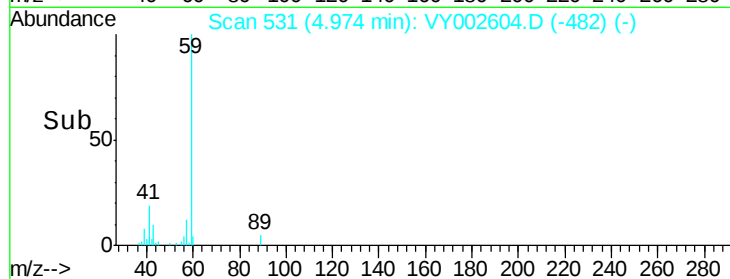
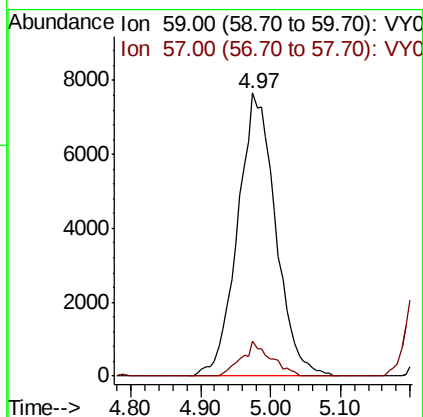
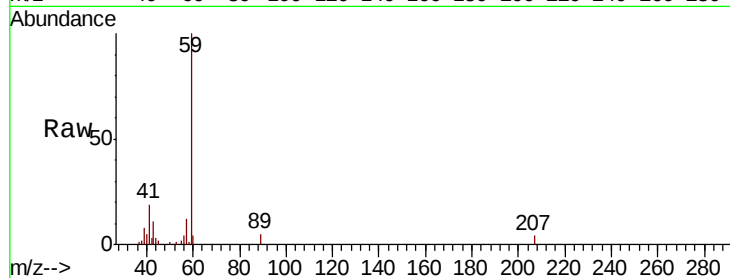




#11
Tert butyl alcohol
Concen: 85.690 ug/l
RT: 4.97 min Scan# 531
Delta R.T. -0.00 min
Lab File: VY002604.D
Acq: 06 May 2020 11:00

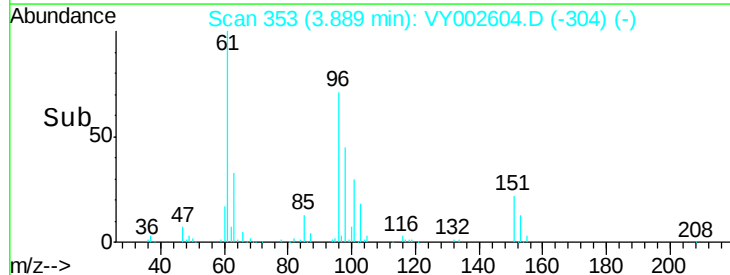
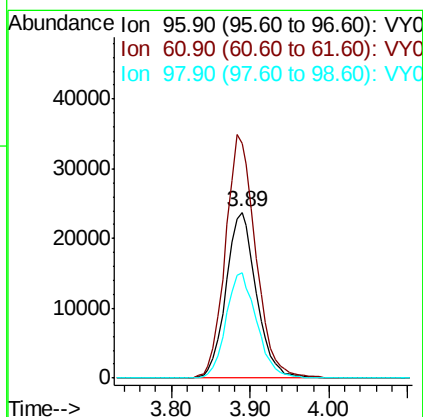
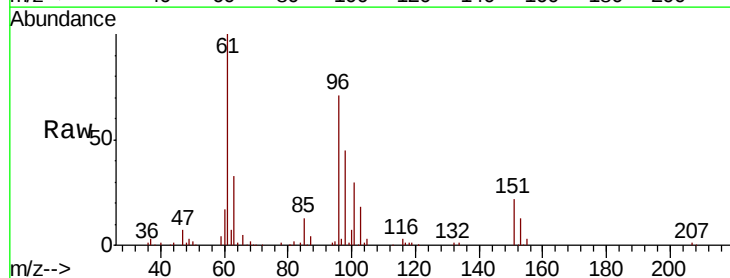
Instrument :
MSVOA_Y
ClientSampleId :

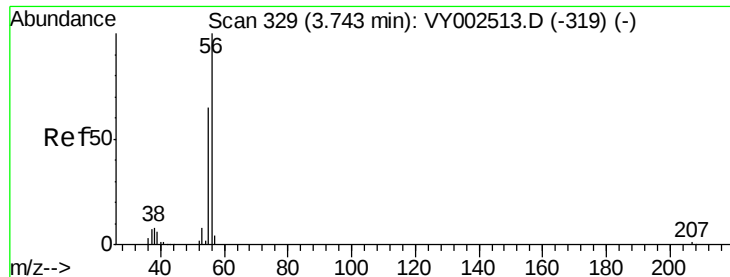
Tot Ion: 59 Resp: 28876
Ion Ratio Lower Upper
59 100
57 9.4 7.8 11.6



#12
1,1-Dichloroethene
Concen: 19.037 ug/l
RT: 3.89 min Scan# 353
Delta R.T. -0.00 min
Lab File: VY002604.D
Acq: 06 May 2020 11:00

Tgt Ion: 96 Resp: 63839
Ion Ratio Lower Upper
96 100
61 141.5 118.8 178.2
98 63.4 49.6 74.4





#13

Acrolein

Concen: 77.151 ug/l

RT: 3.74 min Scan# 329

Delta R.T. -0.00 min

Lab File: VY002604.D

Acq: 06 May 2020 11:00

Instrument :

MSVOA_Y

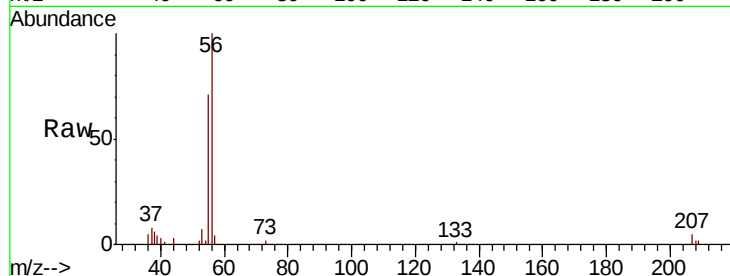
ClientSampleId :

Tot Ion: 56 Resp: 17978

Ion Ratio Lower Upper

56 100

55 70.1 53.8 80.6



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

8000

6000

4000

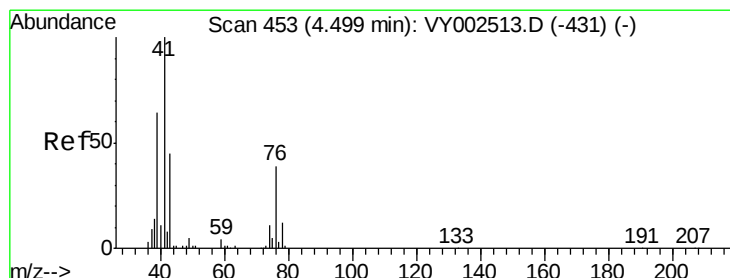
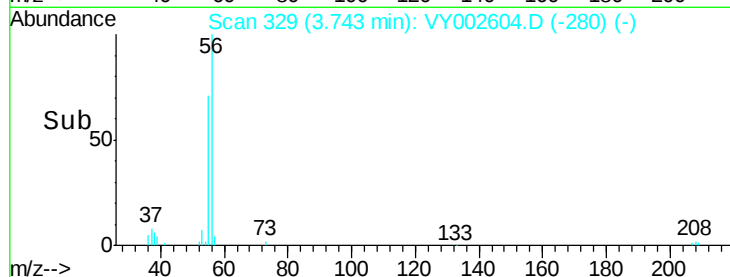
2000

0

Time-->

3.70 3.80 3.90

3.74



#14

Allyl chloride

Concen: 19.612 ug/l

RT: 4.50 min Scan# 453

Delta R.T. 0.00 min

Lab File: VY002604.D

Acq: 06 May 2020 11:00

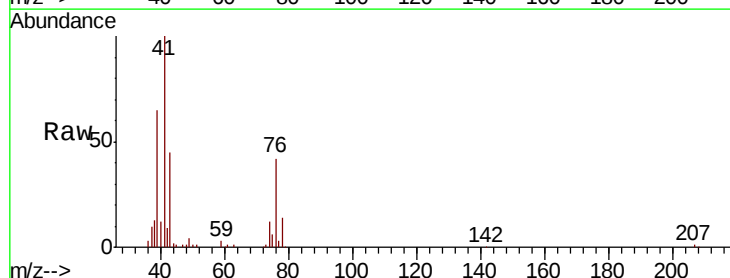
Tgt Ion: 41 Resp: 95825

Ion Ratio Lower Upper

41 100

39 62.7 51.8 77.6

76 39.9 31.7 47.5



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

40000

30000

20000

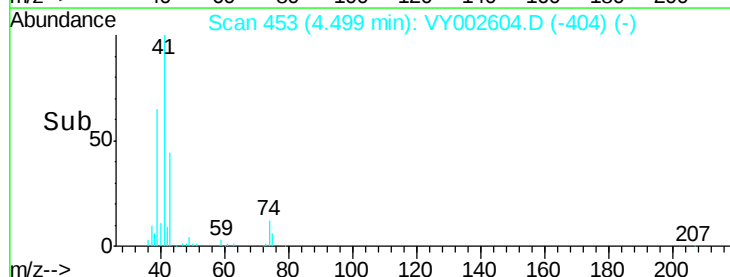
10000

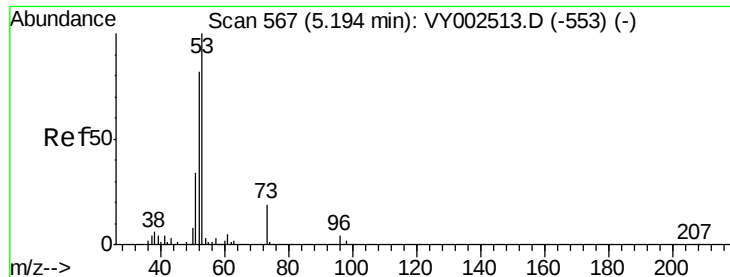
0

Time-->

4.30 4.40 4.50 4.60 4.70

4.50





#15

Acrylonitrile

Concen: 96.061 ug/l

RT: 5.19 min Scan# 566

Delta R.T. -0.01 min

Lab File: VY002604.D

Acq: 06 May 2020 11:00

Instrument :

MSVOA_Y

ClientSampleId :

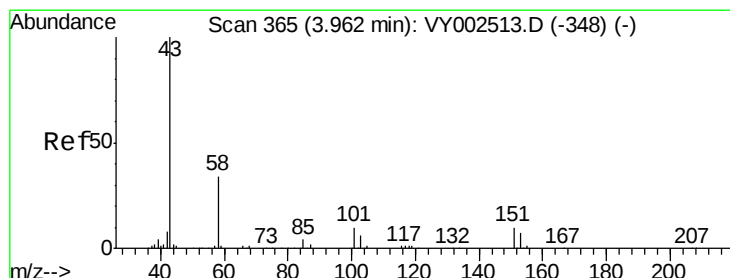
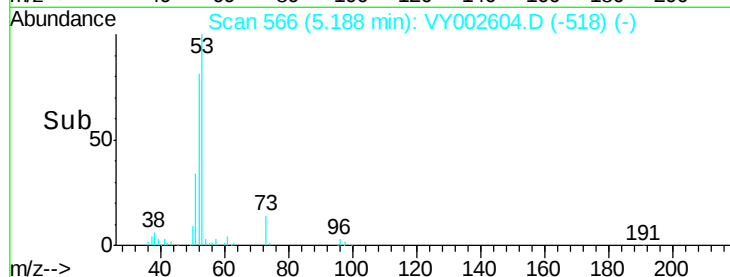
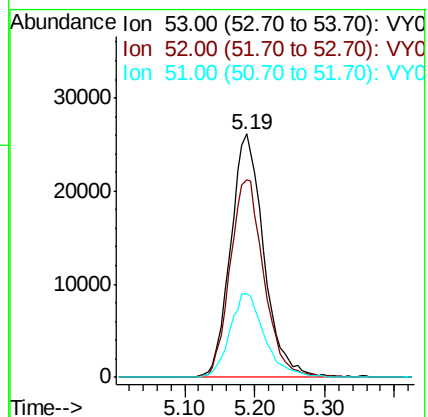
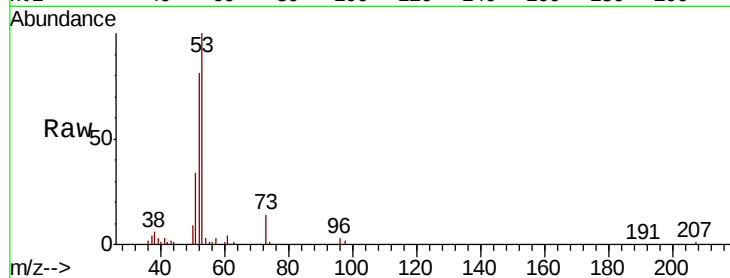
Tot Ion: 53 Resp: 85982

Ion Ratio Lower Upper

53 100

52 82.5 65.4 98.0

51 36.2 28.7 43.1



#16

Acetone

Concen: 90.056 ug/l

RT: 3.97 min Scan# 366

Delta R.T. 0.01 min

Lab File: VY002604.D

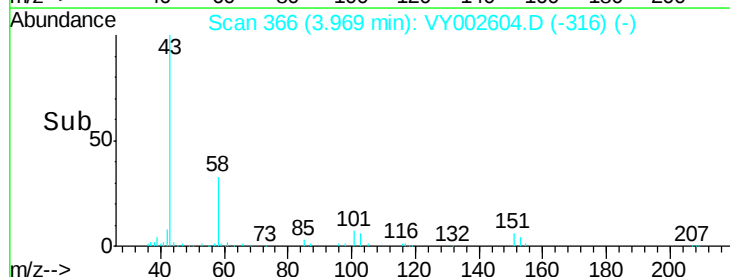
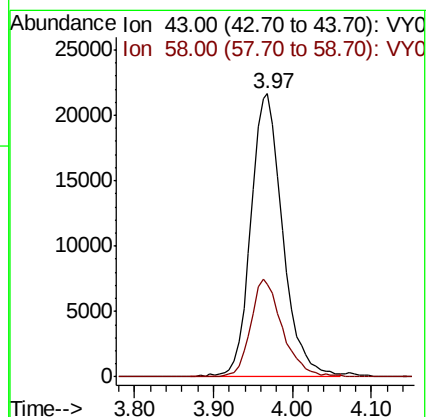
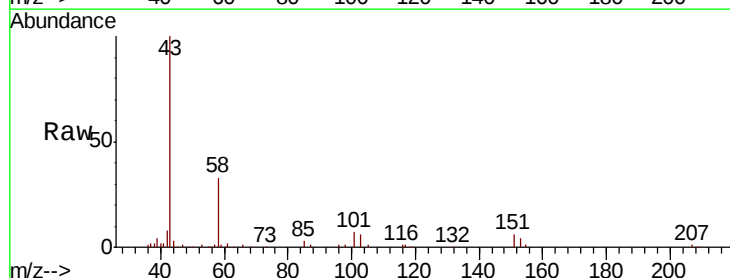
Acq: 06 May 2020 11:00

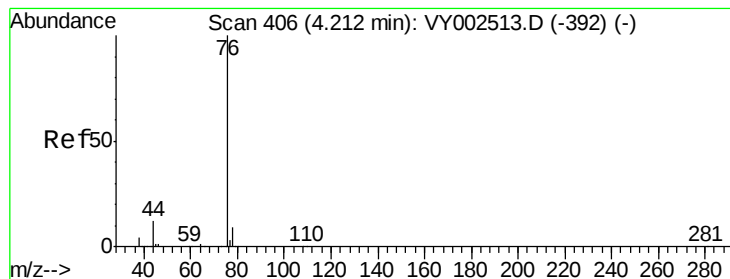
Tgt Ion: 43 Resp: 60875

Ion Ratio Lower Upper

43 100

58 33.0 26.9 40.3





#17

Carbon Disulfide

Concen: 17.594 ug/l

RT: 4.21 min Scan# 406

Delta R.T. 0.00 min

Lab File: VY002604.D

Acq: 06 May 2020 11:00

Instrument :

MSVOA_Y

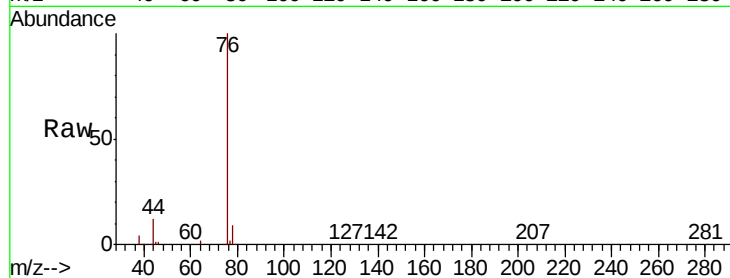
ClientSampleId :

Tot Ion: 76 Resp: 177500

Ion Ratio Lower Upper

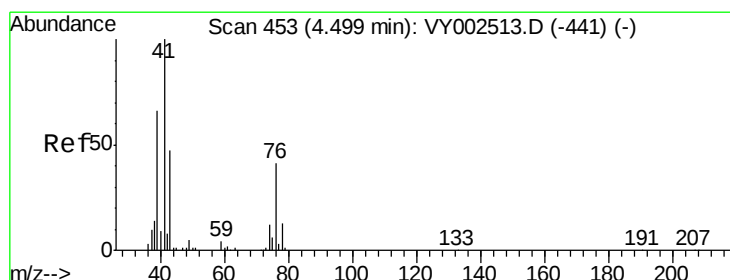
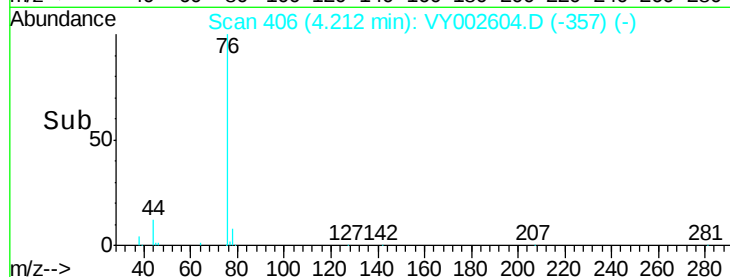
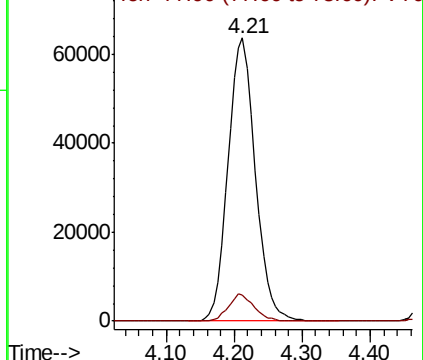
76 100

78 9.1 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 18.627 ug/l

RT: 4.50 min Scan# 453

Delta R.T. 0.00 min

Lab File: VY002604.D

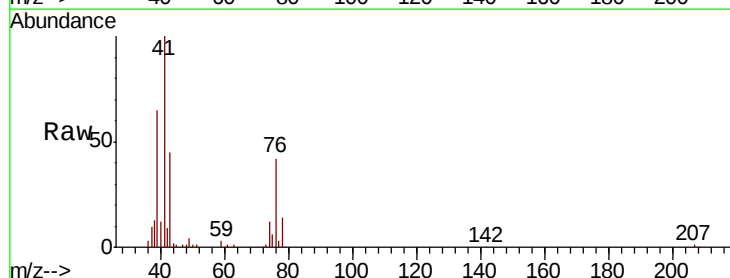
Acq: 06 May 2020 11:00

Tgt Ion: 43 Resp: 42071

Ion Ratio Lower Upper

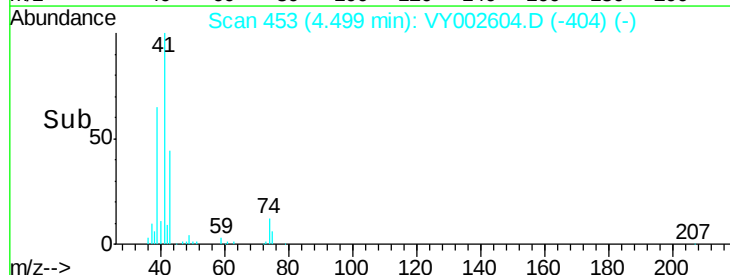
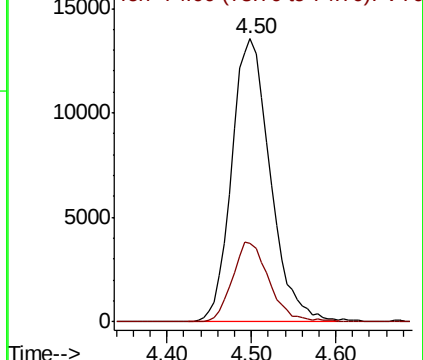
43 100

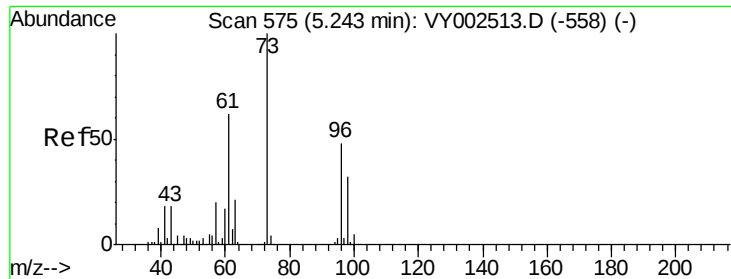
74 26.6 21.2 31.8



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0

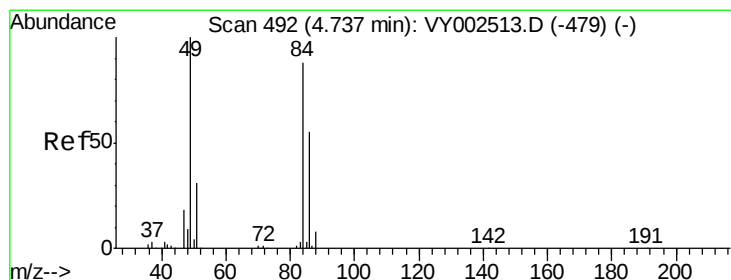
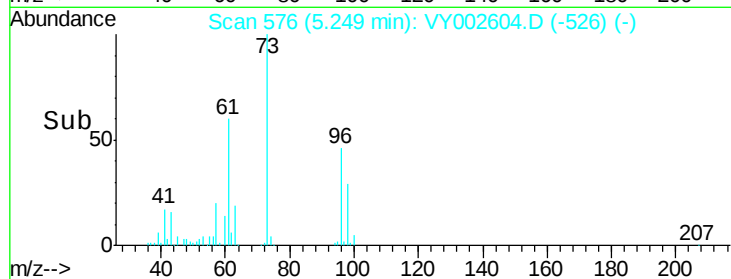
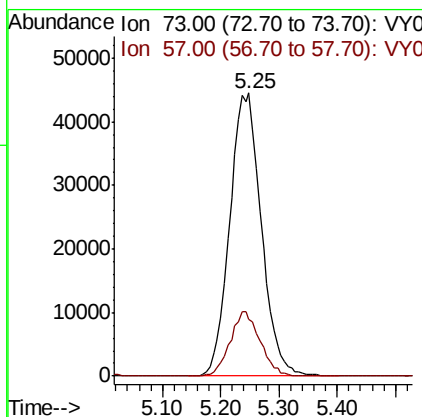
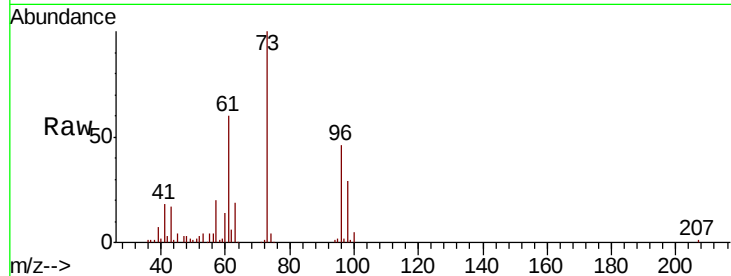




#19
Methyl tert-butyl Ether
Concen: 19.146 ug/l
RT: 5.25 min Scan# 576
Delta R.T. 0.01 min
Lab File: VY002604.D
Acq: 06 May 2020 11:00

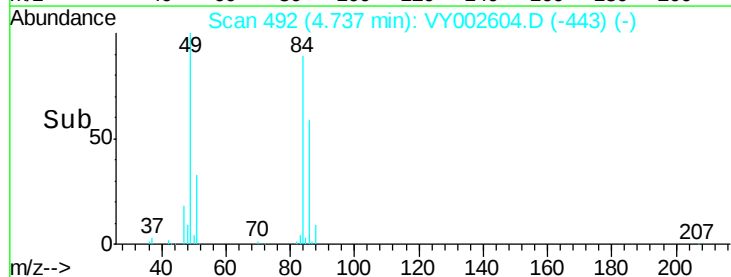
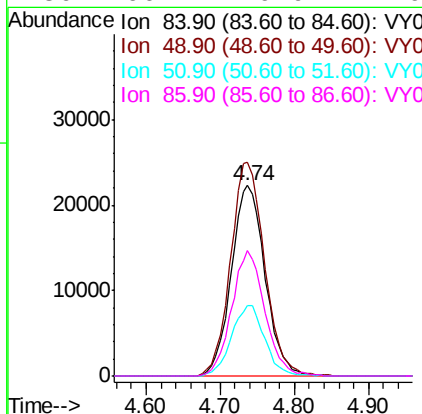
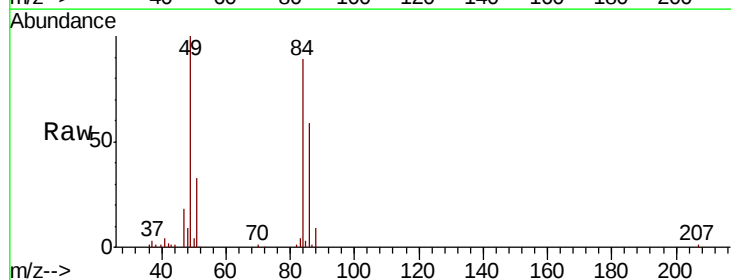
Instrument :
MSVOA_Y
ClientSampled :

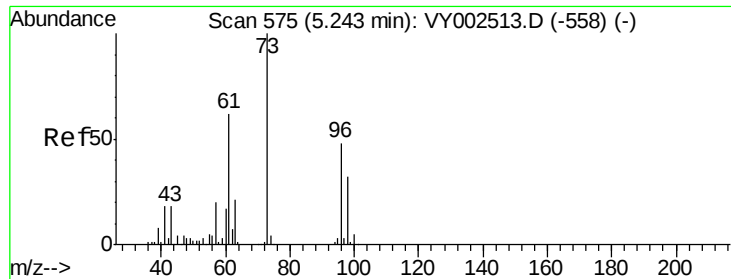
Tot Ion: 73 Resp: 167510
Ion Ratio Lower Upper
73 100
57 20.3 16.3 24.5



#20
Methylene Chloride
Concen: 18.765 ug/l
RT: 4.74 min Scan# 492
Delta R.T. 0.00 min
Lab File: VY002604.D
Acq: 06 May 2020 11:00

Tgt Ion: 84 Resp: 70934
Ion Ratio Lower Upper
84 100
49 112.2 90.5 135.7
51 37.0 28.3 42.5
86 66.1 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 19.339 ug/l

RT: 5.24 min Scan# 575

Delta R.T. 0.00 min

Lab File: VY002604.D

Acq: 06 May 2020 11:00

Instrument :

MSVOA_Y

ClientSampled :

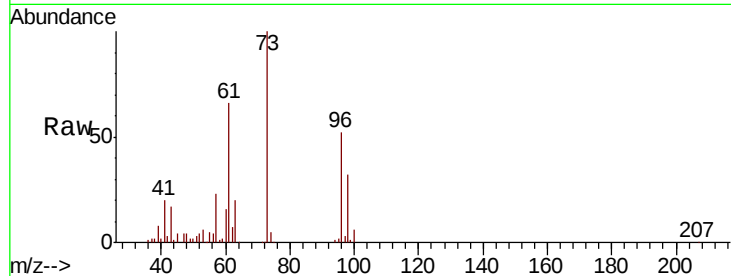
Tot Ion: 96 Resp: 70881

Ion Ratio Lower Upper

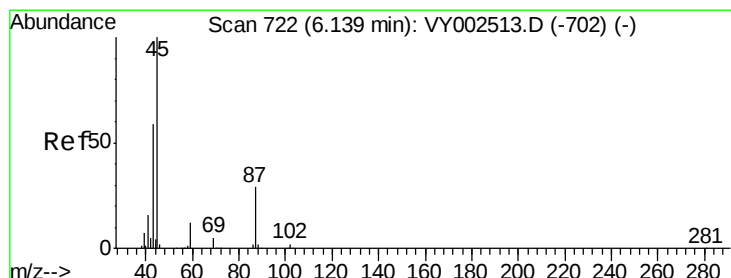
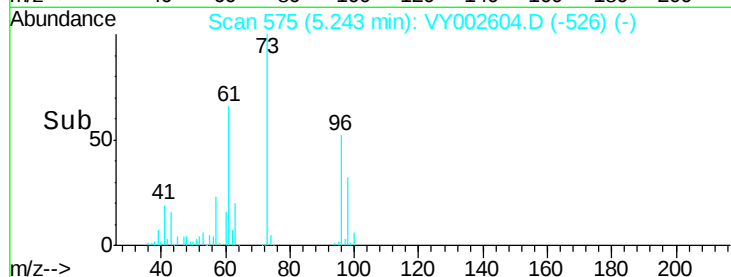
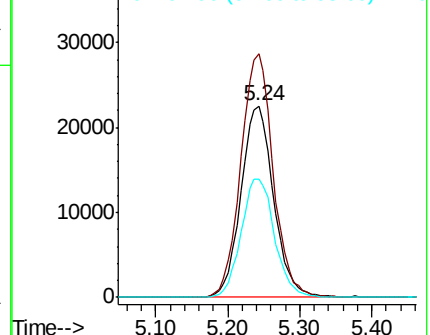
96 100

61 127.1 102.0 153.0

98 61.8 53.0 79.4



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: 20.158 ug/l

RT: 6.14 min Scan# 722

Delta R.T. 0.00 min

Lab File: VY002604.D

Acq: 06 May 2020 11:00

Tgt Ion: 45 Resp: 199285

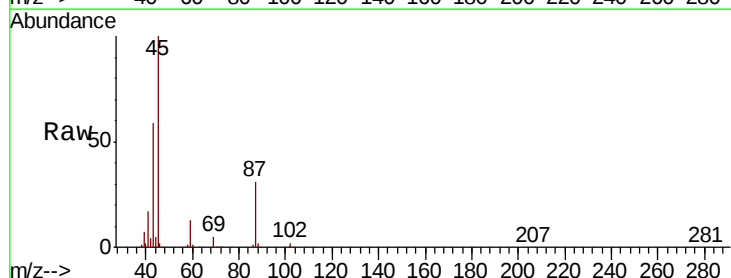
Ion Ratio Lower Upper

45 100

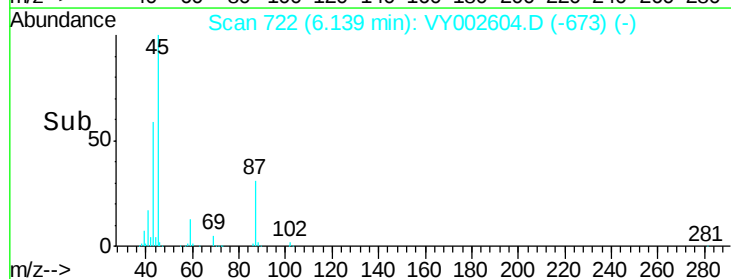
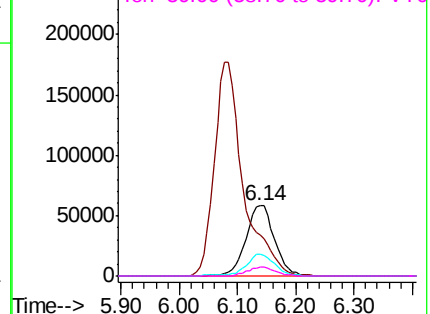
43 58.4 47.4 71.0

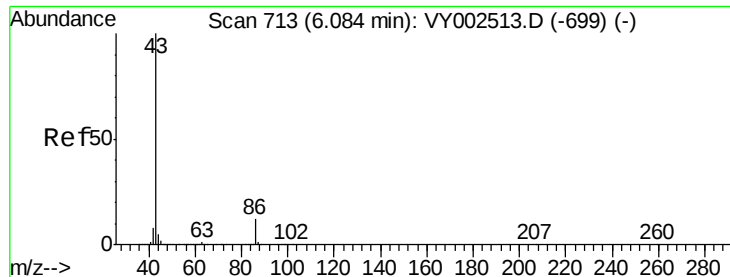
87 30.8 24.0 36.0

59 12.9 9.8 14.8



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





#23

Vinyl Acetate

Concen: 97.707 ug/l

RT: 6.08 min Scan# 713

Delta R.T. 0.00 min

Lab File: VY002604.D

Acq: 06 May 2020 11:00

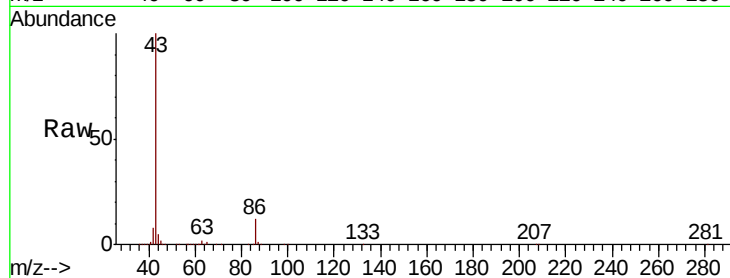
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 43 Resp: 607483

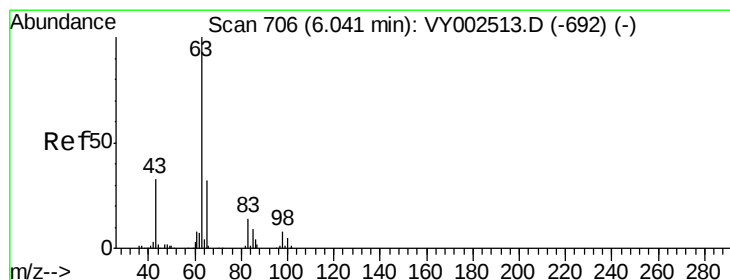
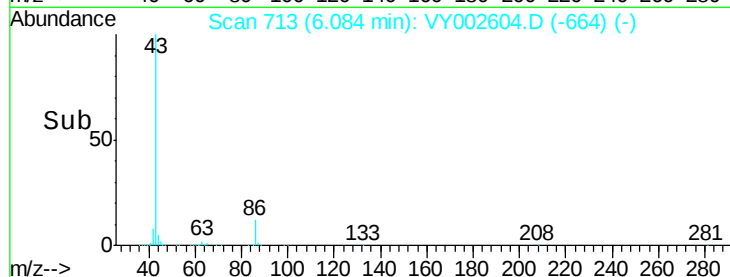
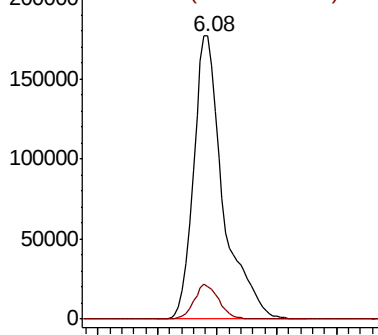
Ion Ratio Lower Upper

43 100

86 11.7 9.8 14.6



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



#24

1,1-Dichloroethane

Concen: 19.997 ug/l

RT: 6.04 min Scan# 705

Delta R.T. -0.01 min

Lab File: VY002604.D

Acq: 06 May 2020 11:00

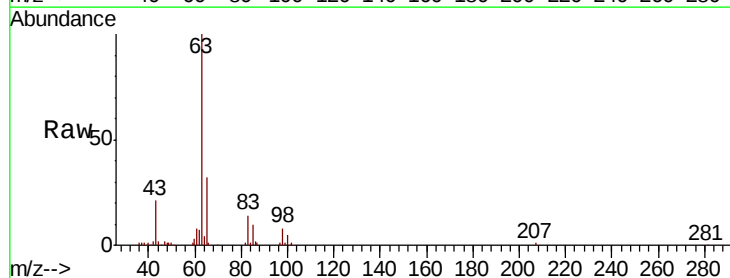
Tgt Ion: 63 Resp: 116956

Ion Ratio Lower Upper

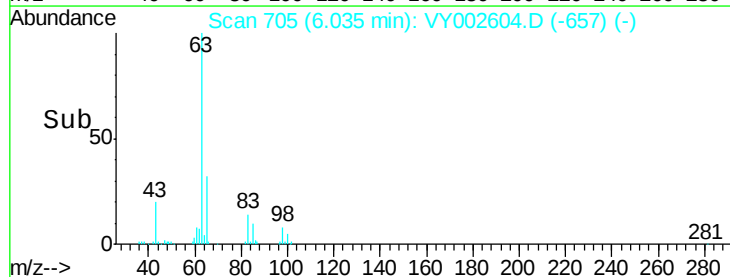
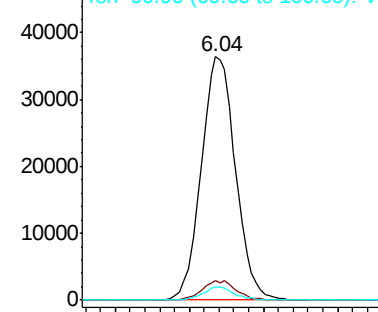
63 100

98 7.9 3.9 11.7

100 5.2 2.4 7.2



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

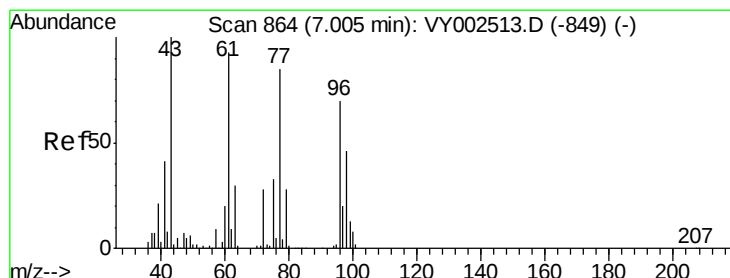
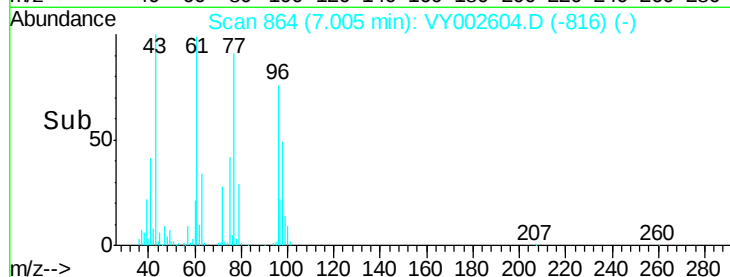
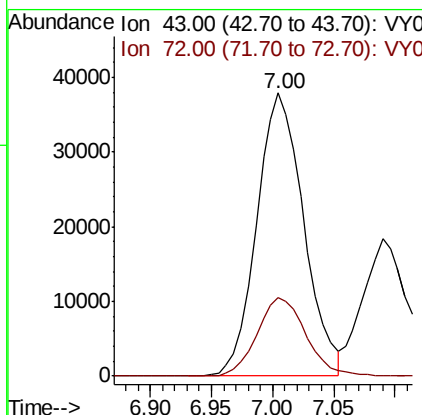
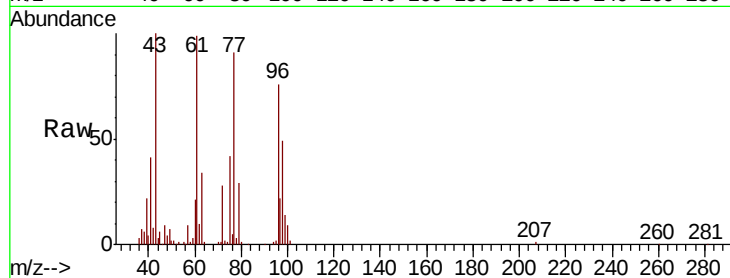




#25
2-Butanone
Concen: 91.461 ug/l
RT: 7.00 min Scan# 864
Delta R.T. -0.01 min
Lab File: VY002604.D
Acq: 06 May 2020 11:00

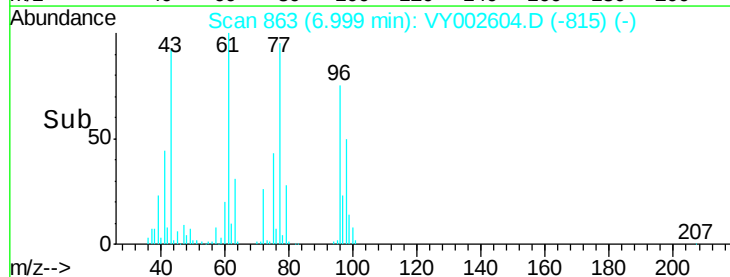
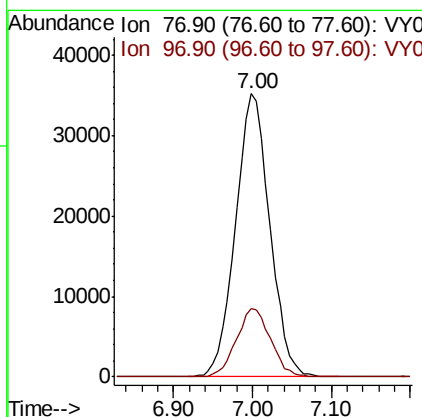
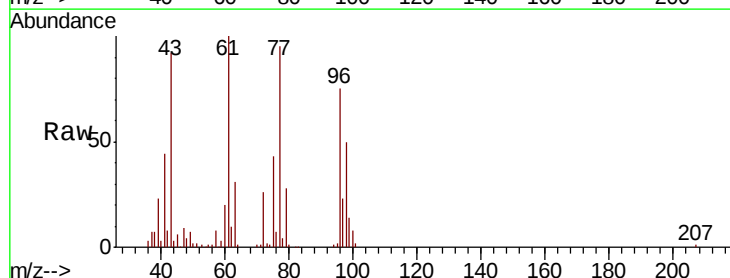
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 43 Resp: 101203
Ion Ratio Lower Upper
43 100
72 28.0 24.1 36.1



#26
2,2-Dichloropropane
Concen: 19.111 ug/l
RT: 7.00 min Scan# 863
Delta R.T. -0.01 min
Lab File: VY002604.D
Acq: 06 May 2020 11:00

Tgt Ion: 77 Resp: 106245
Ion Ratio Lower Upper
77 100
97 24.0 11.9 35.5



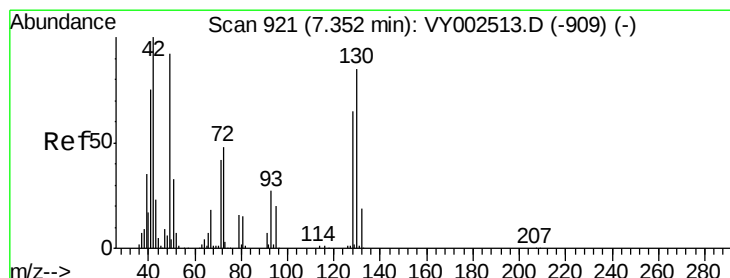
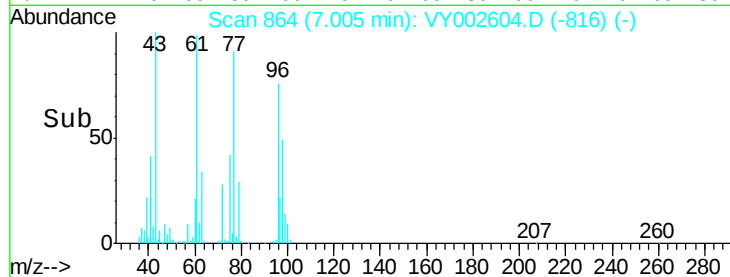
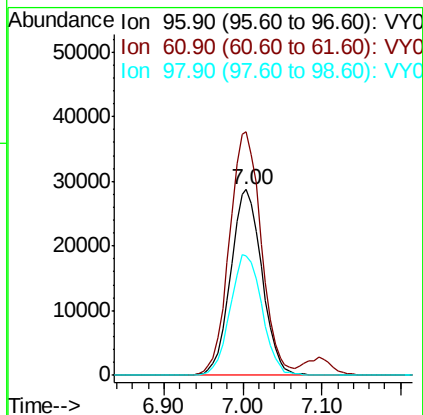
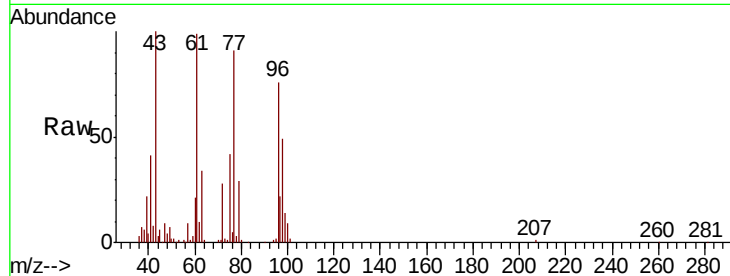


#27

cis-1,2-Dichloroethene
Concen: 19.584 ug/l
RT: 7.00 min Scan# 864
Delta R.T. -0.01 min
Lab File: VY002604.D
Acq: 06 May 2020 11:00

Instrument :
MSVOA_Y
ClientSampled :

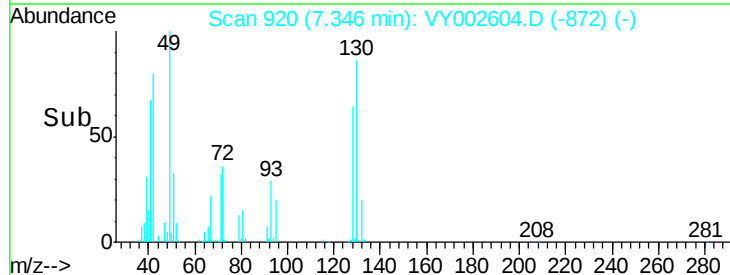
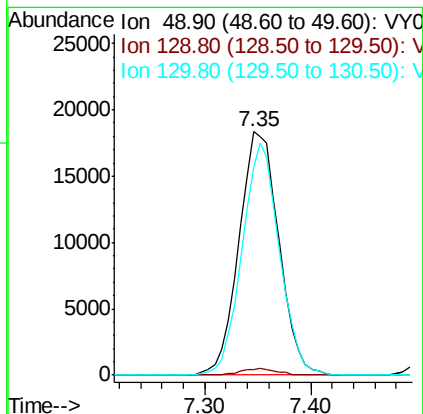
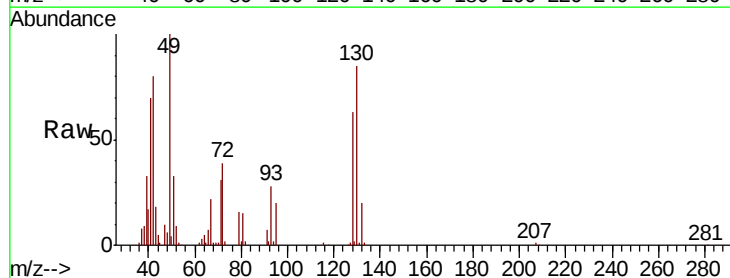
Tot Ion: 96 Resp: 79423
Ion Ratio Lower Upper
96 100
61 133.3 0.0 266.6
98 66.0 0.0 129.2

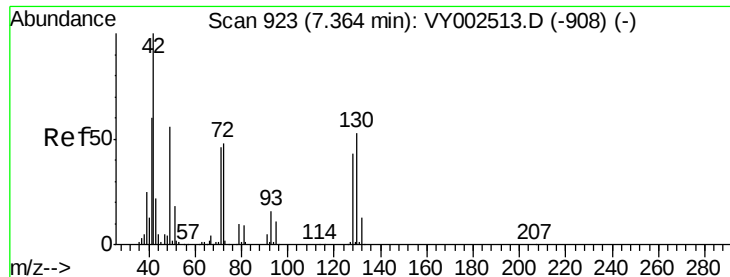


#28

Bromochloromethane
Concen: 20.101 ug/l
RT: 7.35 min Scan# 920
Delta R.T. -0.01 min
Lab File: VY002604.D
Acq: 06 May 2020 11:00

Tgt Ion: 49 Resp: 48168
Ion Ratio Lower Upper
49 100
129 2.3 0.0 4.8
130 89.3 72.5 108.7





#29

Tetrahydrofuran

Concen: 96.860 ug/l

RT: 7.36 min Scan# 923

Delta R.T. -0.00 min

Lab File: VY002604.D

Acq: 06 May 2020 11:00

Instrument :

MSVOA_Y

ClientSampleId :

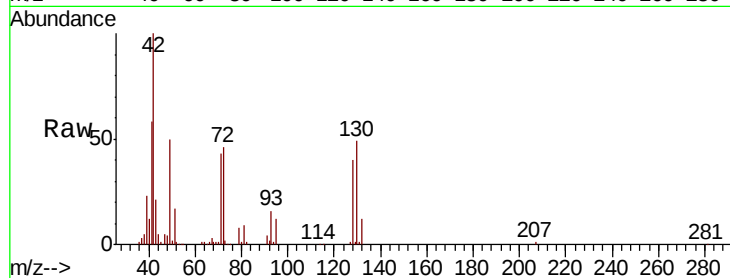
Tot Ion: 42 Resp: 70910

Ion Ratio Lower Upper

42 100

72 47.0 37.4 56.2

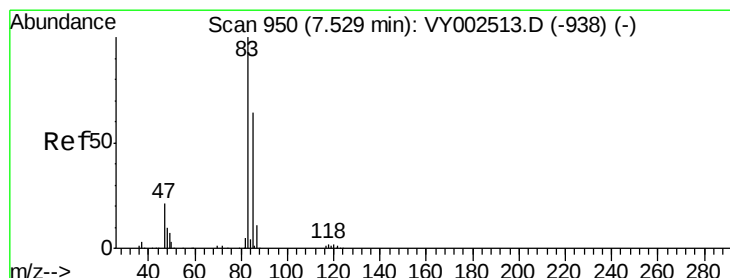
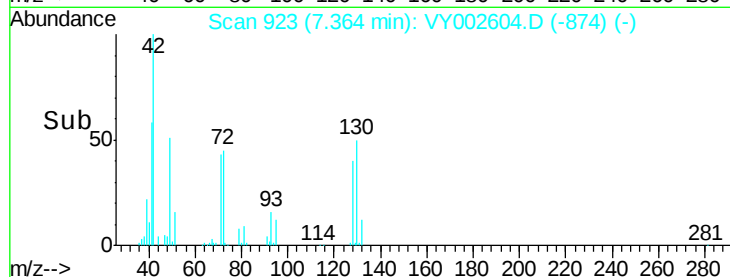
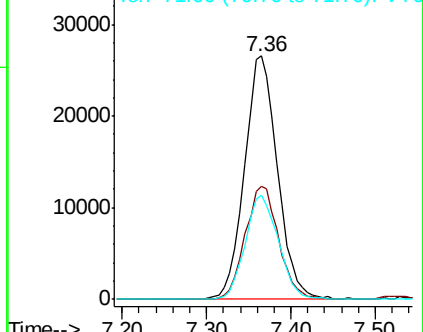
71 43.1 35.0 52.4



Abundance Ion 42.00 (41.70 to 42.70): VY0

Ion 72.00 (71.70 to 72.70): VY0

Ion 71.00 (70.70 to 71.70): VY0



#30

Chloroform

Concen: 19.589 ug/l

RT: 7.52 min Scan# 949

Delta R.T. -0.01 min

Lab File: VY002604.D

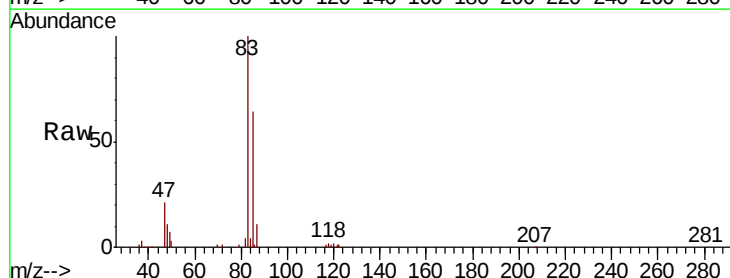
Acq: 06 May 2020 11:00

Tgt Ion: 83 Resp: 119123

Ion Ratio Lower Upper

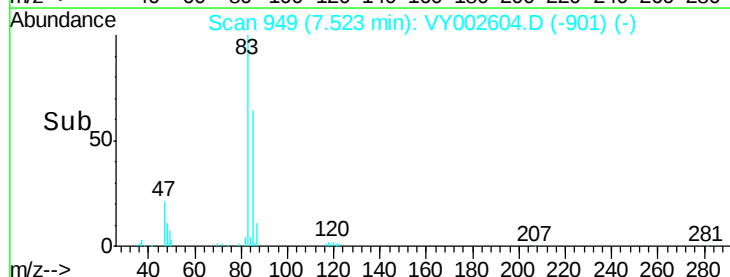
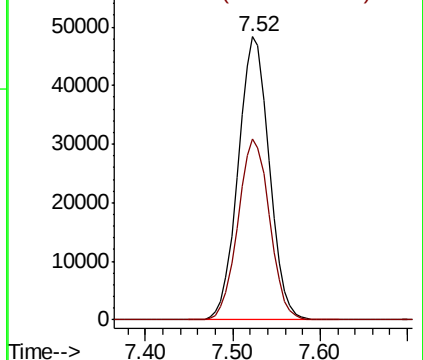
83 100

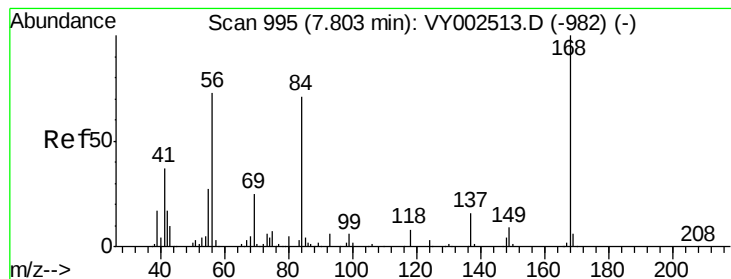
85 64.1 51.5 77.3



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0





#31

Cyclohexane

Concen: 18.802 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY002604.D

Acq: 06 May 2020 11:00

Instrument :
MSVOA_Y
ClientSampled :

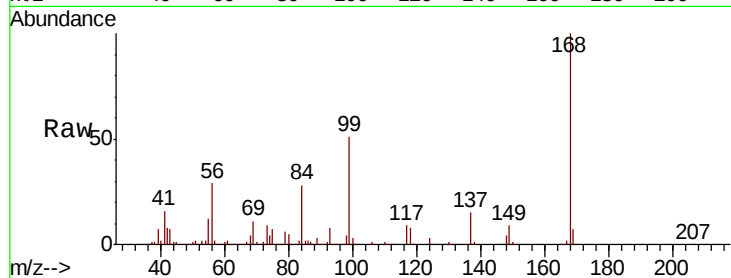
Tot Ion: 56 Resp: 110689

Ion Ratio Lower Upper

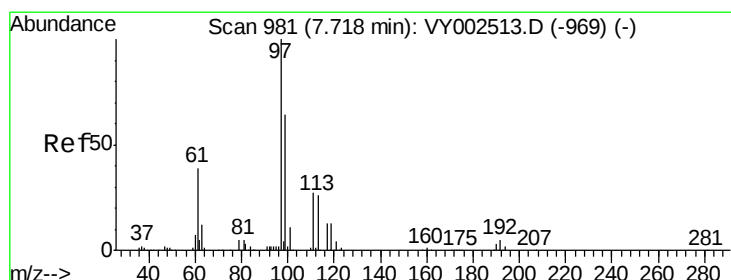
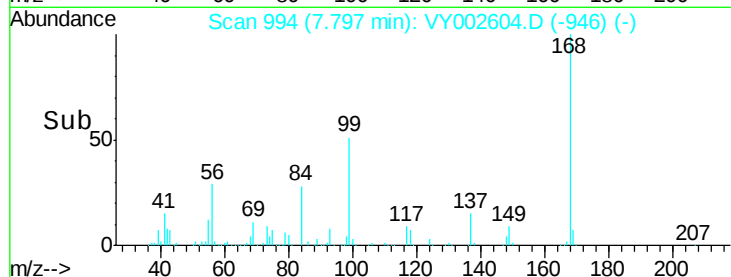
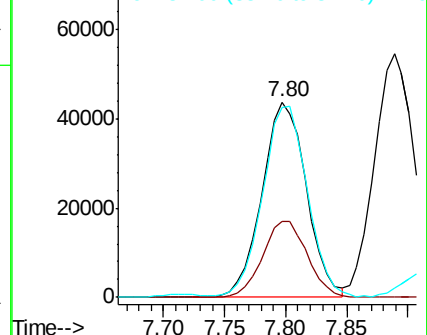
56 100

69 38.9 27.6 41.4

84 95.7 77.7 116.5



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



#32

1,1,1-Trichloroethane

Concen: 19.281 ug/l

RT: 7.72 min Scan# 981

Delta R.T. 0.00 min

Lab File: VY002604.D

Acq: 06 May 2020 11:00

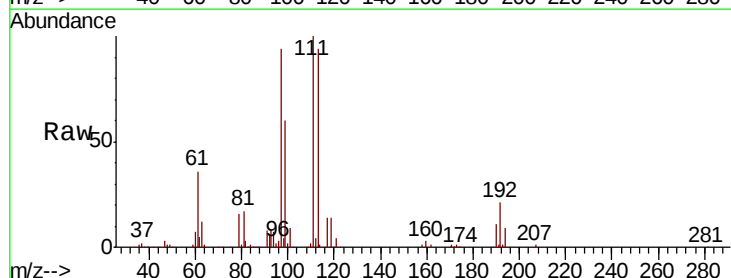
Tgt Ion: 97 Resp: 108983

Ion Ratio Lower Upper

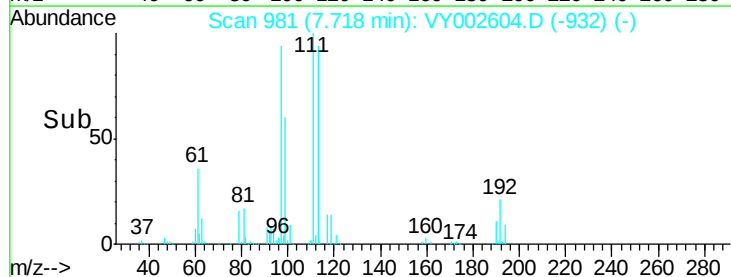
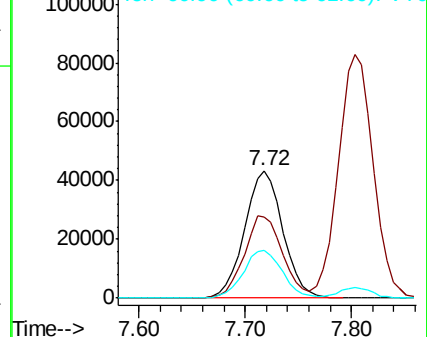
97 100

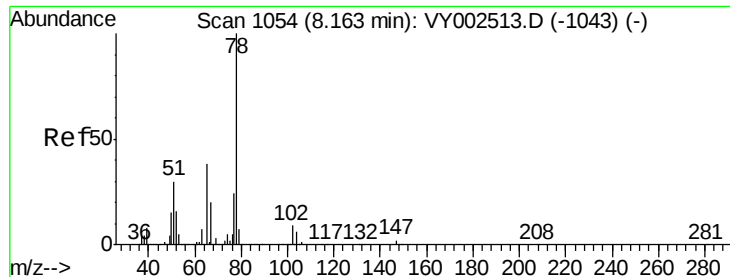
99 65.1 51.9 77.9

61 38.6 31.0 46.6



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

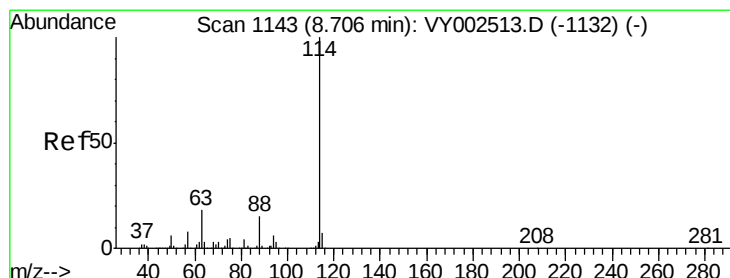
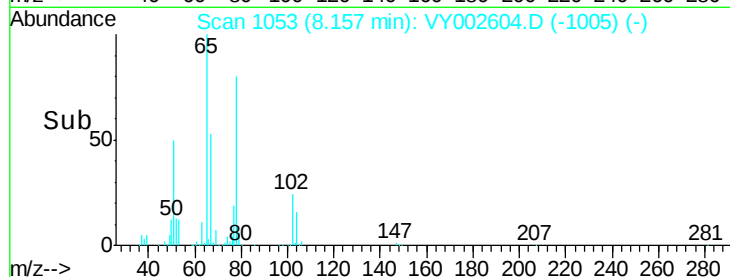
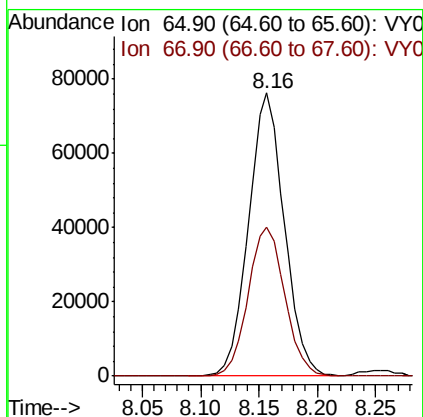
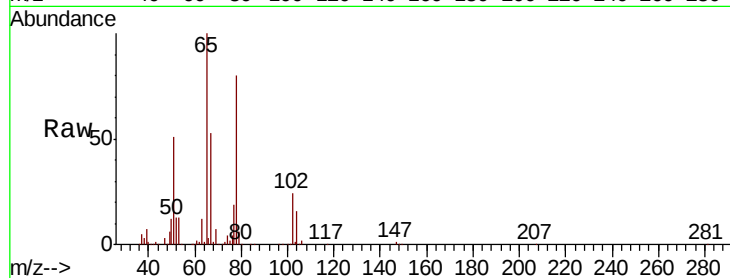




#33
 1,2-Dichloroethane-d4
 Concen: 49.800 ug/l
 RT: 8.16 min Scan# 1053
 Delta R.T. -0.01 min
 Lab File: VY002604.D
 Acq: 06 May 2020 11:00

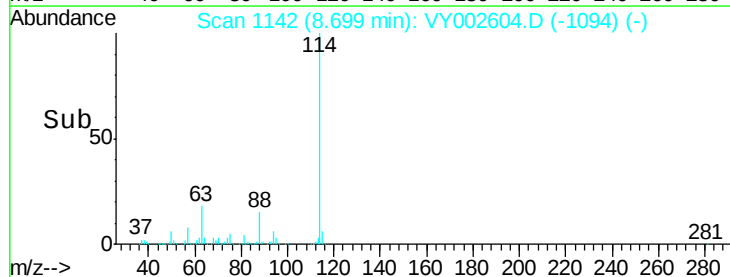
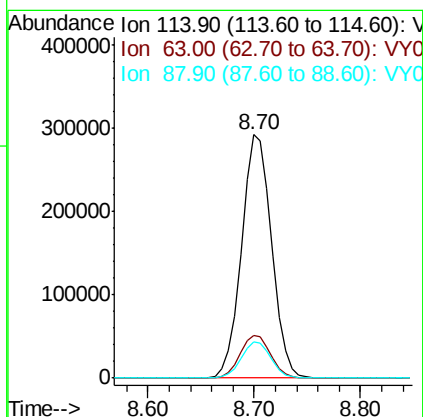
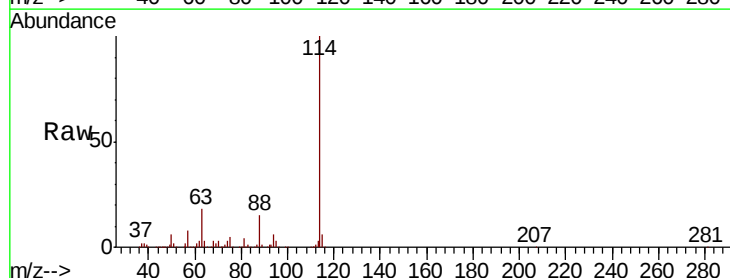
Instrument :
 MSVOA_Y
 ClientSampleId :

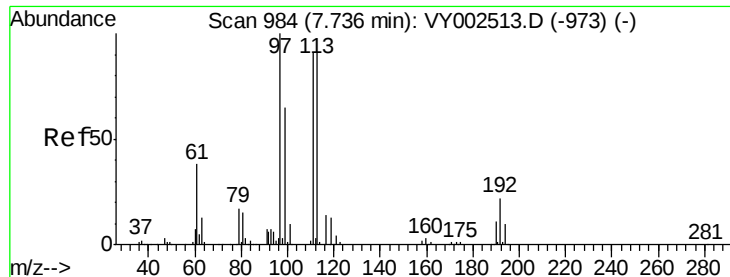
Tot Ion: 65 Resp: 163113
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: VY002604.D
 Acq: 06 May 2020 11:00

Tgt Ion: 114 Resp: 579545
 Ion Ratio Lower Upper
 114 100
 63 17.6 0.0 36.4
 88 14.9 0.0 29.6

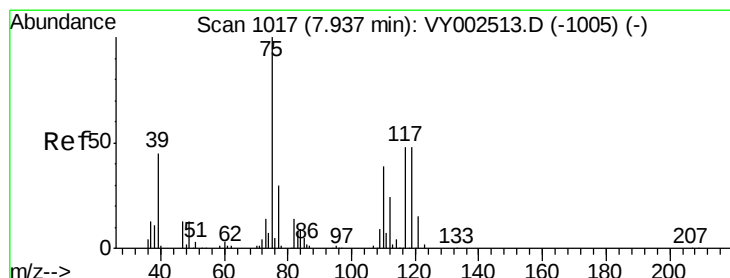
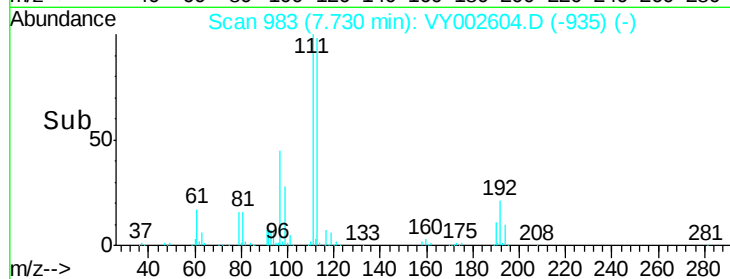
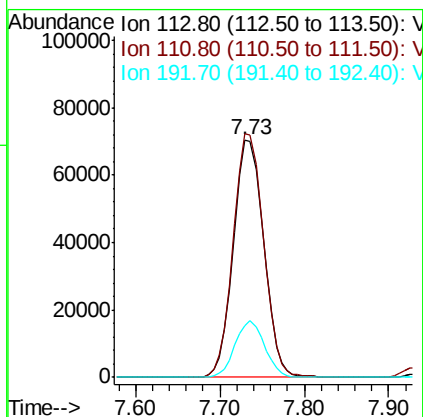
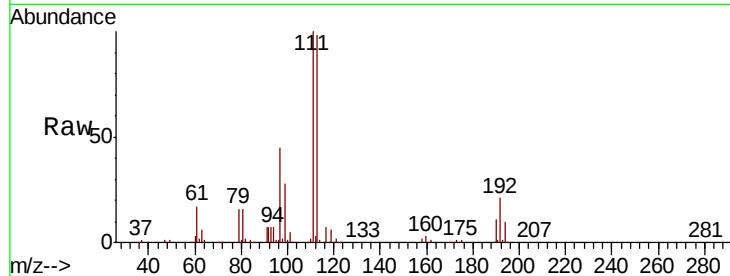




#35
Dibromofluoromethane
Concen: 52.122 ug/l
RT: 7.73 min Scan# 983
Delta R.T. -0.01 min
Lab File: VY002604.D
Acq: 06 May 2020 11:00

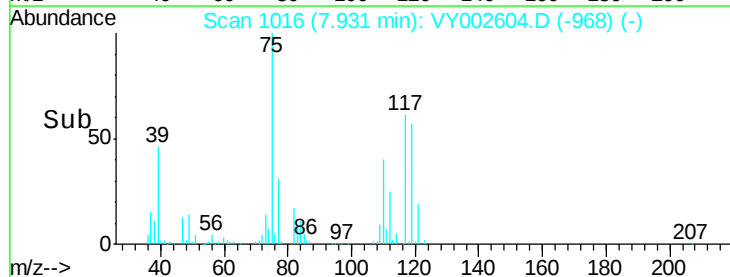
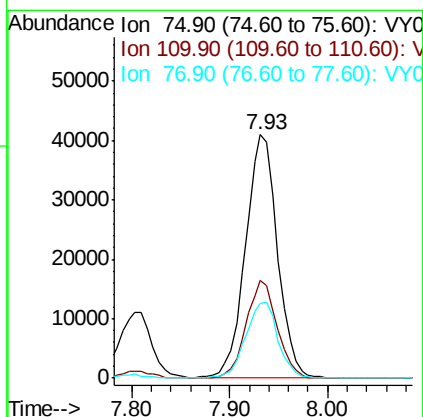
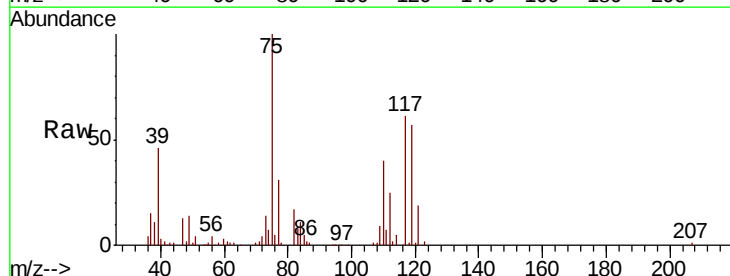
Instrument :
MSVOA_Y
ClientSampleId :

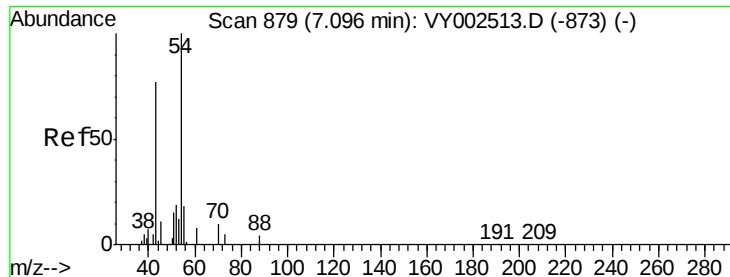
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.4	81.8	122.6
192	23.0	18.2	27.4



#36
1,1-Dichloropropene
Concen: 19.079 ug/l
RT: 7.93 min Scan# 1016
Delta R.T. -0.01 min
Lab File: VY002604.D
Acq: 06 May 2020 11:00

Tgt Ion	Ratio	Lower	Upper
75	100		
110	38.7	19.1	57.3
77	31.5	24.6	37.0

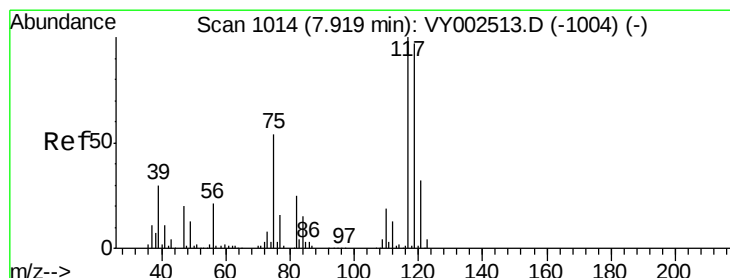
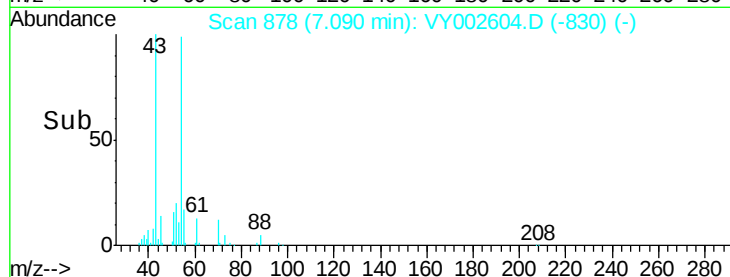
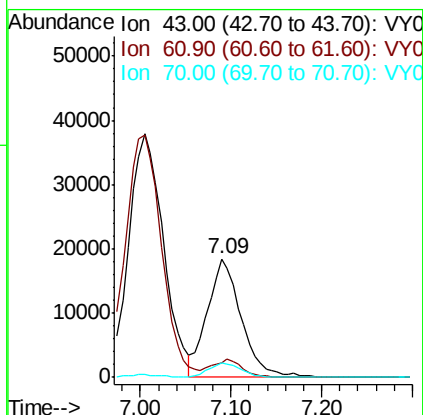
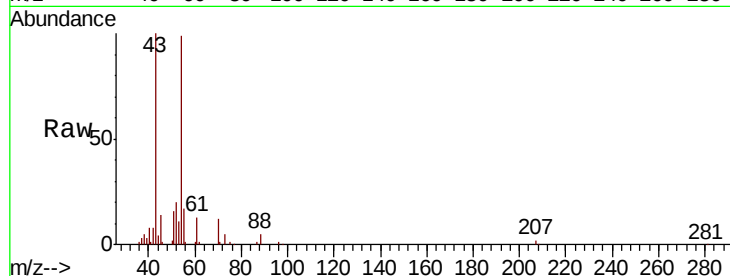




#37
Ethyl Acetate
Concen: 19.254 ug/l
RT: 7.09 min Scan# 878
Delta R.T. -0.01 min
Lab File: VY002604.D
Acq: 06 May 2020 11:00

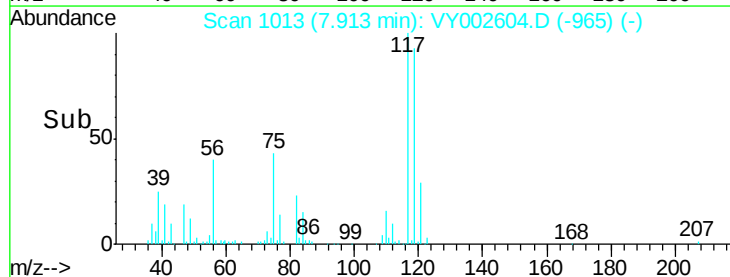
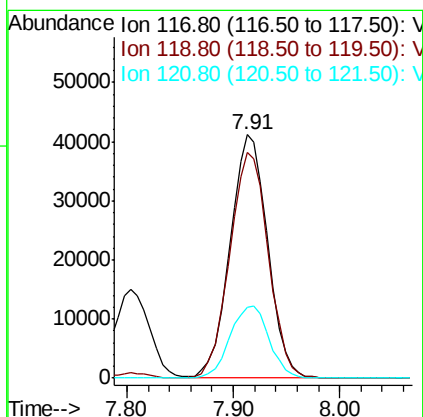
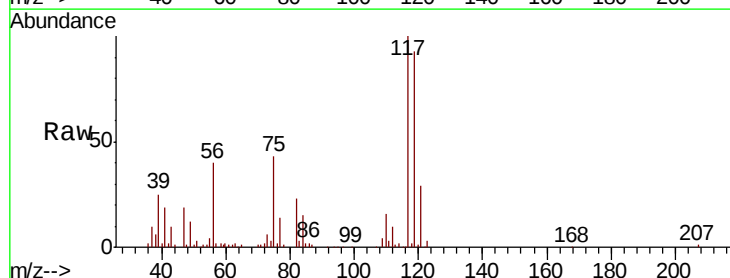
Instrument :
MSVOA_Y
ClientSampled :

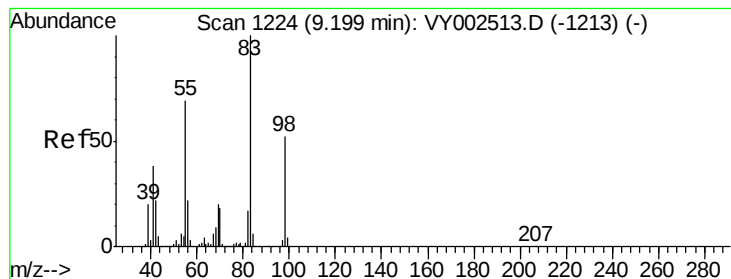
Tot Ion: 43 Resp: 48071
Ion Ratio Lower Upper
43 100
61 13.8 11.6 17.4
70 11.4 9.0 13.6



#38
Carbon Tetrachloride
Concen: 19.211 ug/l
RT: 7.91 min Scan# 1013
Delta R.T. -0.01 min
Lab File: VY002604.D
Acq: 06 May 2020 11:00

Tgt Ion: 117 Resp: 101900
Ion Ratio Lower Upper
117 100
119 92.7 77.1 115.7
121 29.1 25.2 37.8





#39

Methvlcvclohexane

Concen: 18.959 ug/l

RT: 9.19 min Scan# 1223

Delta R.T. -0.01 min

Lab File: VY002604.D

Acq: 06 May 2020 11:00

Instrument :

MSVOA_Y

ClientSampleId :

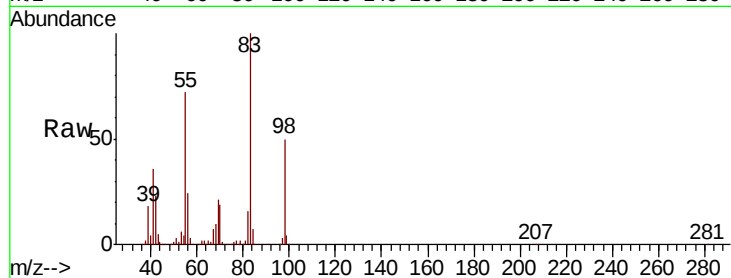
Tot Ion: 83 Resp: 121661

Ion Ratio Lower Upper

83 100

55 72.3 55.4 83.0

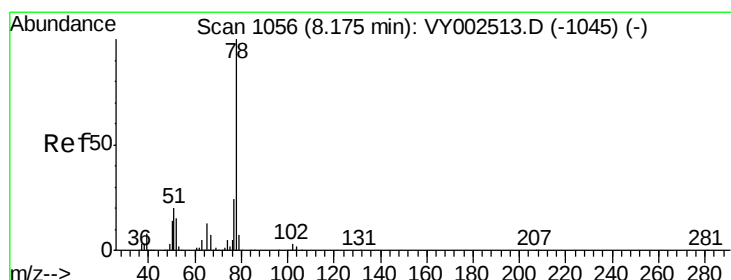
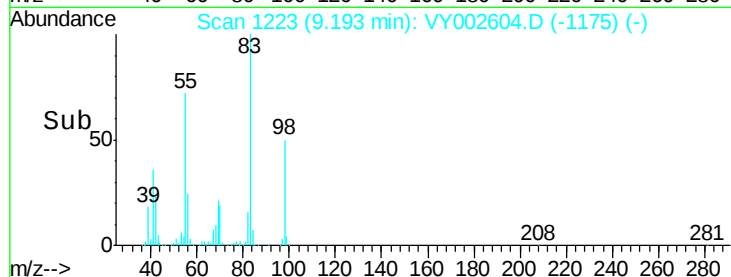
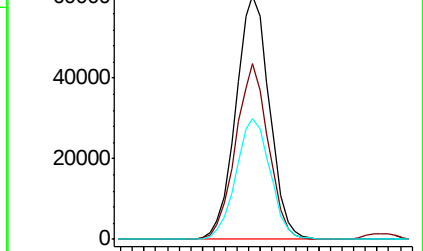
98 49.5 41.3 61.9



Abundance Ion 83.00 (82.70 to 83.70): VY002604.D (-1175) (-)

Ion 55.00 (54.70 to 55.70): VY002604.D (-1175) (-)

Ion 98.00 (97.70 to 98.70): VY002604.D (-1175) (-)



#40

Benzene

Concen: 19.480 ug/l

RT: 8.18 min Scan# 1056

Delta R.T. 0.00 min

Lab File: VY002604.D

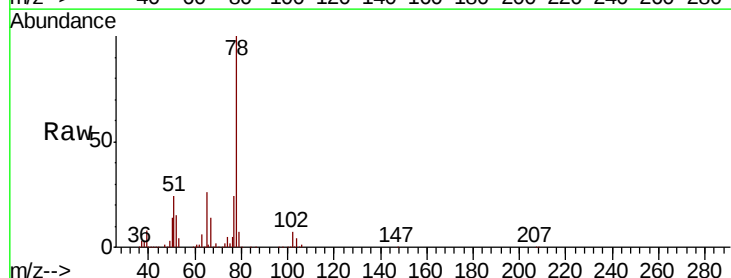
Acq: 06 May 2020 11:00

Tgt Ion: 78 Resp: 273344

Ion Ratio Lower Upper

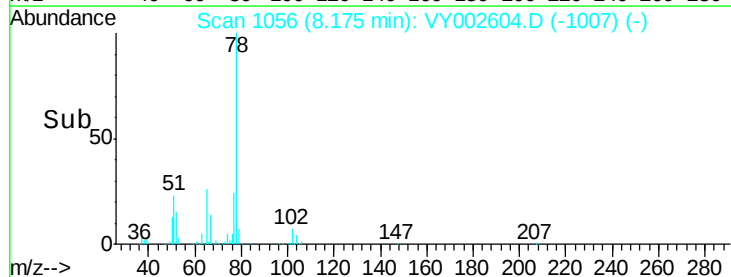
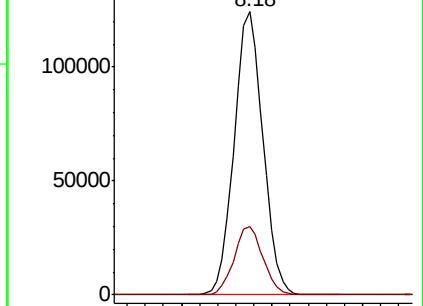
78 100

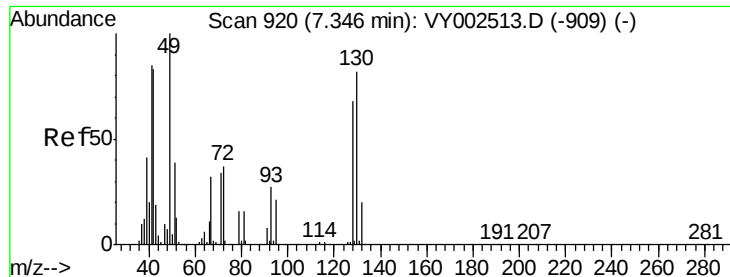
77 24.1 19.2 28.8



Abundance Ion 78.00 (77.70 to 78.70): VY002604.D (-1007) (-)

Ion 77.00 (76.70 to 77.70): VY002604.D (-1007) (-)

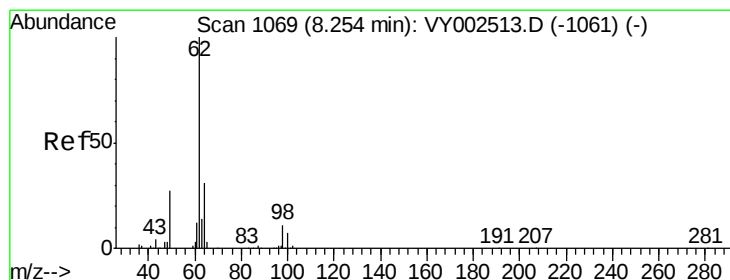
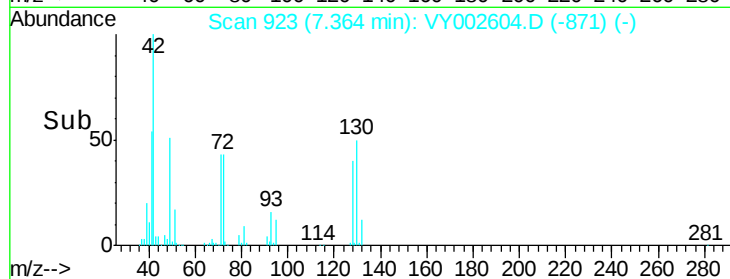
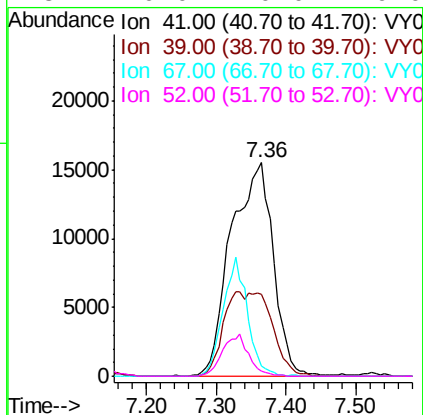
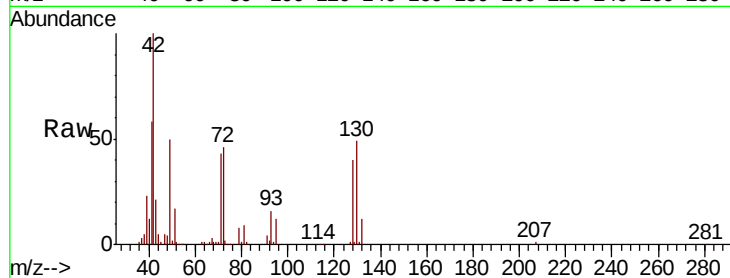




#41
Methacrylonitrile
Concen: 48.391 ug/l
RT: 7.36 min Scan# 923
Delta R.T. 0.02 min
Lab File: VY002604.D
Acq: 06 May 2020 11:00

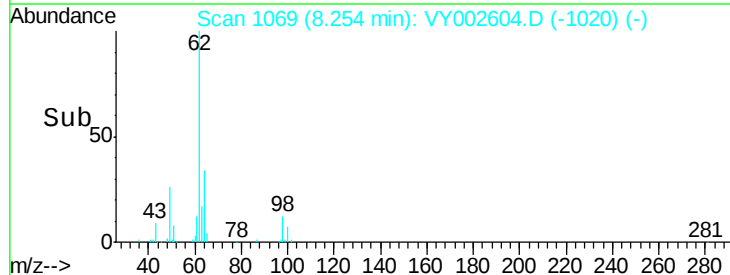
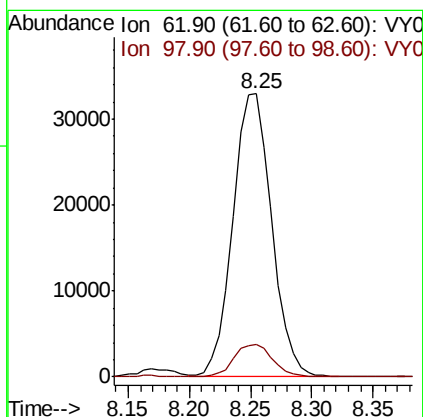
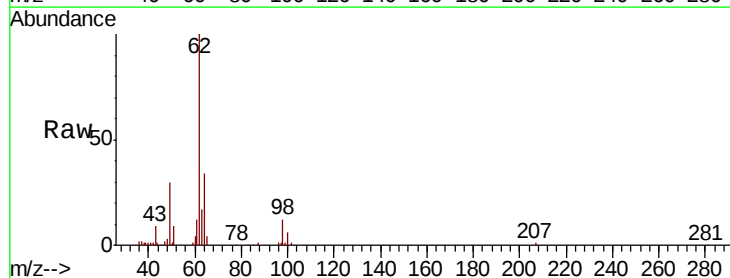
Instrument :
MSVOA_Y
ClientSampled :

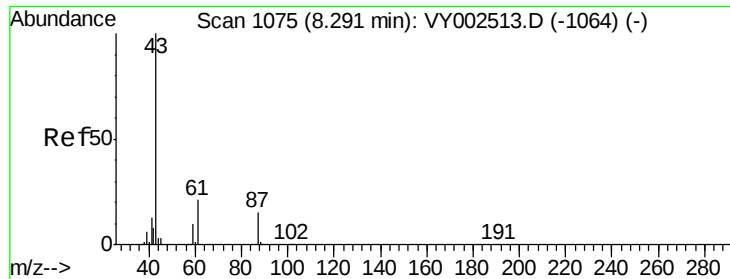
Tot Ion:	41	Resp:	64958
Ion	Ratio	Lower	Upper
41	100		
39	0.0	83.1	124.7#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 18.437 ug/l
RT: 8.25 min Scan# 1069
Delta R.T. -0.00 min
Lab File: VY002604.D
Acq: 06 May 2020 11:00

Tgt Ion:	62	Resp:	72568
Ion	Ratio	Lower	Upper
62	100		
98	11.4	0.0	21.0





#43

Isopropyl Acetate

Concen: 19.316 ug/l

RT: 8.28 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VY002604.D

Acq: 06 May 2020 11:00

Instrument :

MSVOA_Y

ClientSampleId :

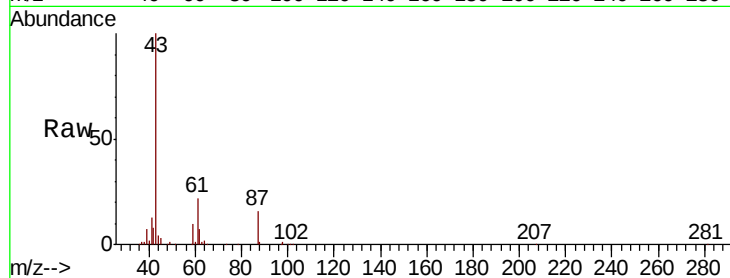
Tot Ion: 43 Resp: 90406

Ion Ratio Lower Upper

43 100

61 30.4 24.8 37.2

87 14.9 12.2 18.2

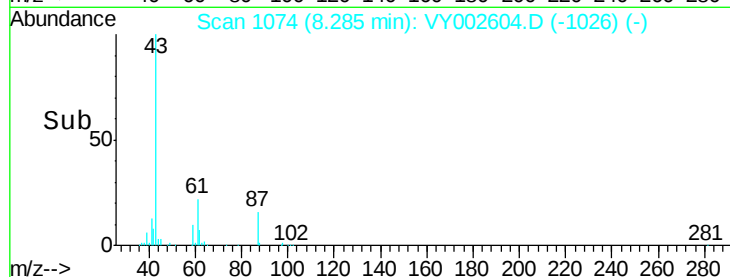


Abundance Ion 43.00 (42.70 to 43.70): VY002513.D (-1064) (-)

Ion 61.00 (60.70 to 61.70): VY002513.D (-1064) (-)

Ion 87.00 (86.70 to 87.70): VY002513.D (-1064) (-)

Time-->

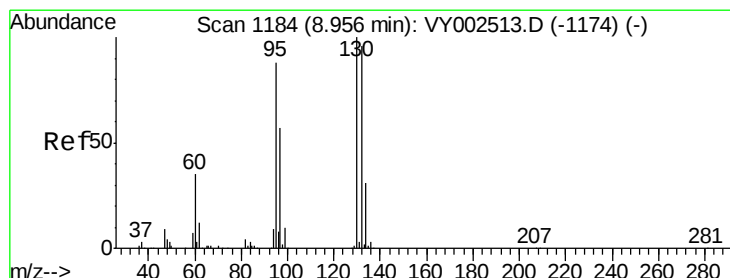


Abundance Ion 43.00 (42.70 to 43.70): VY002604.D (-1026) (-)

Ion 61.00 (60.70 to 61.70): VY002604.D (-1026) (-)

Ion 87.00 (86.70 to 87.70): VY002604.D (-1026) (-)

Time-->



#44

Trichloroethene

Concen: 19.686 ug/l

RT: 8.95 min Scan# 1183

Delta R.T. -0.01 min

Lab File: VY002604.D

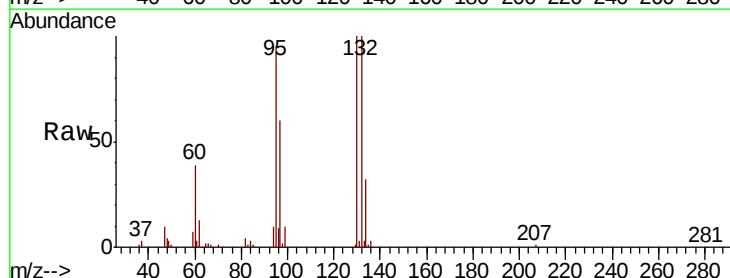
Acq: 06 May 2020 11:00

Tgt Ion: 130 Resp: 86328

Ion Ratio Lower Upper

130 100

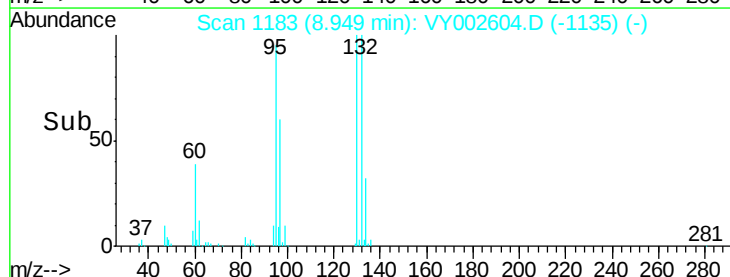
95 95.2 0.0 175.8



Abundance Ion 129.80 (129.50 to 130.50): VY002513.D (-1174) (-)

Ion 94.90 (94.60 to 95.60): VY002513.D (-1174) (-)

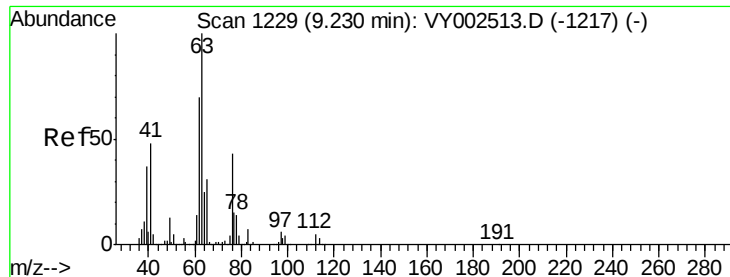
Time-->



Abundance Ion 129.80 (129.50 to 130.50): VY002604.D (-1135) (-)

Ion 94.90 (94.60 to 95.60): VY002604.D (-1135) (-)

Time-->



#45

1,2-Dichloropropane

Concen: 19.657 ug/l

RT: 9.23 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VY002604.D

Acq: 06 May 2020 11:00

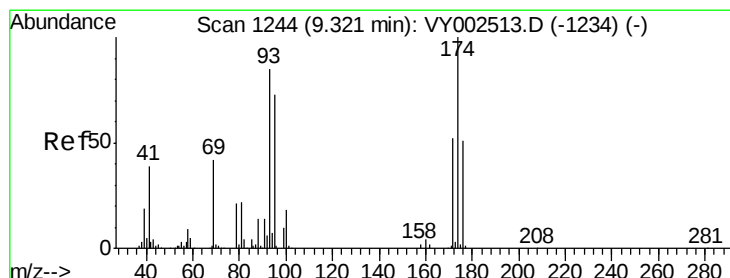
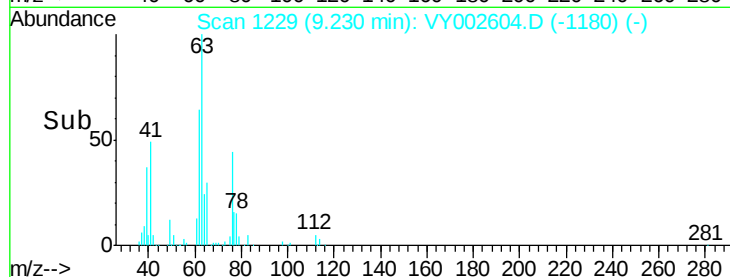
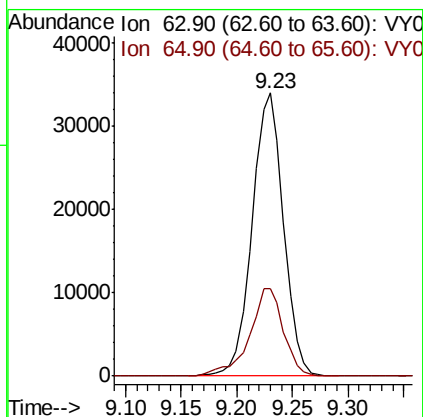
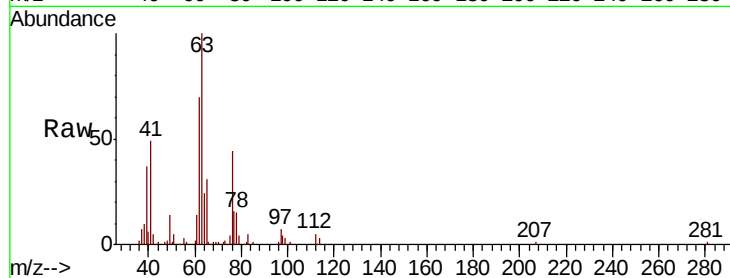
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 63 Resp: 66570

Ion Ratio Lower Upper

63 100

65 30.9 24.5 36.7



#46

Dibromomethane

Concen: 19.137 ug/l

RT: 9.32 min Scan# 1243

Delta R.T. -0.01 min

Lab File: VY002604.D

Acq: 06 May 2020 11:00

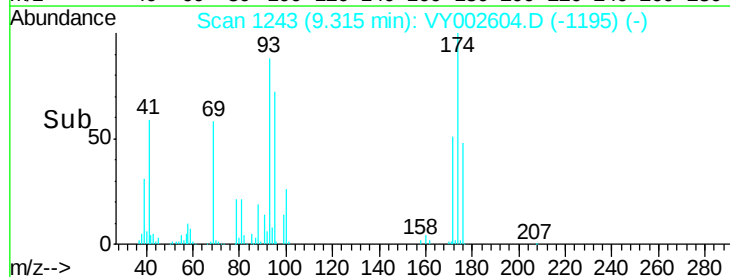
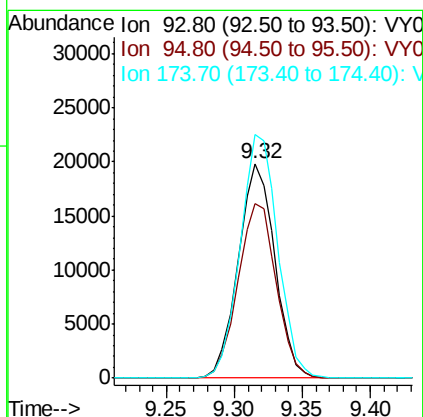
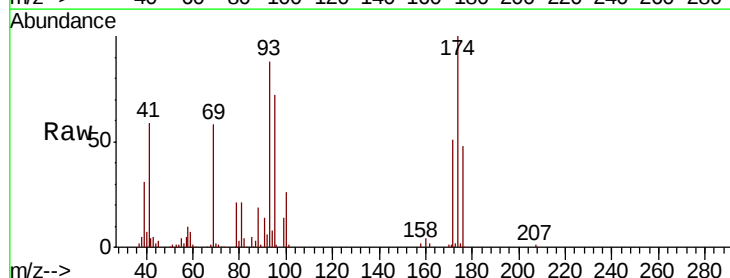
Tgt Ion: 93 Resp: 37288

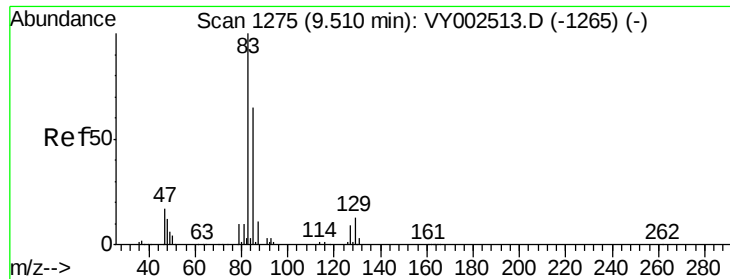
Ion Ratio Lower Upper

93 100

95 84.9 67.0 100.4

174 116.5 92.7 139.1





#47

Bromodichloromethane

Concen: 19.404 ug/l

RT: 9.50 min Scan# 1274

Delta R.T. -0.01 min

Lab File: VY002604.D

Acq: 06 May 2020 11:00

Instrument :
MSVOA_Y
ClientSampleId :

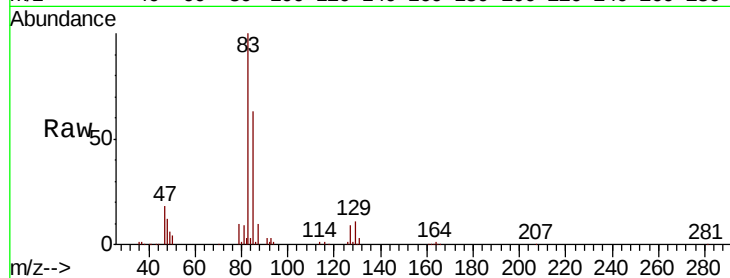
Tot Ion: 83 Resp: 91931

Ion Ratio Lower Upper

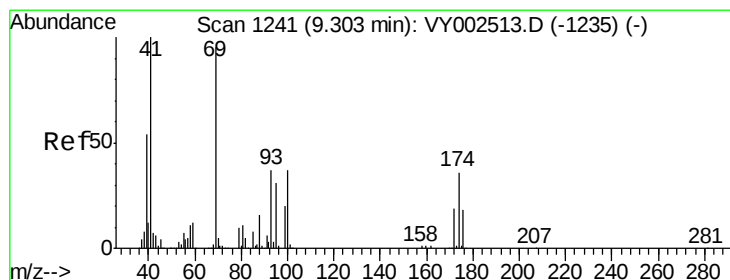
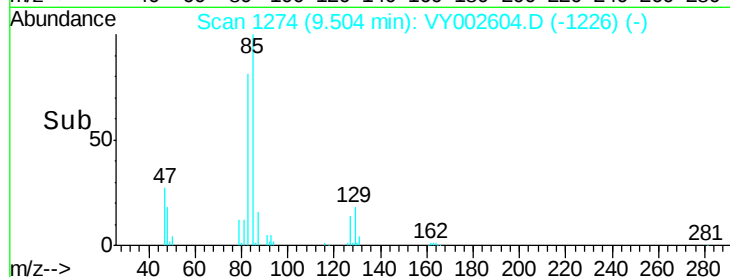
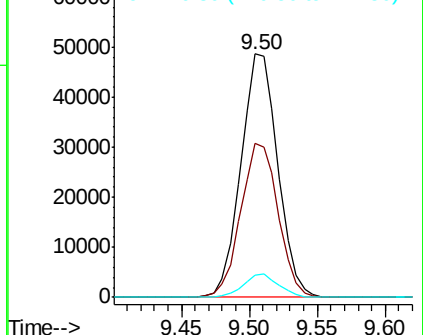
83 100

85 63.4 51.8 77.8

127 9.1 7.4 11.0



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: 18.752 ug/l

RT: 9.30 min Scan# 1241

Delta R.T. 0.00 min

Lab File: VY002604.D

Acq: 06 May 2020 11:00

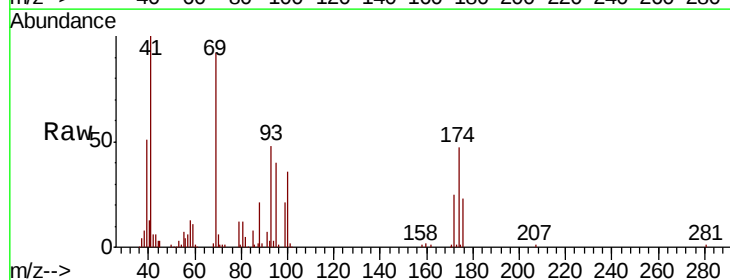
Tgt Ion: 41 Resp: 39720

Ion Ratio Lower Upper

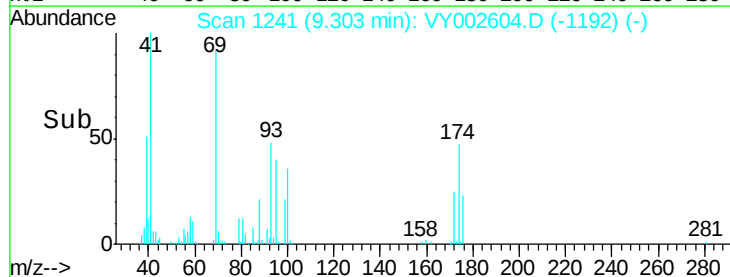
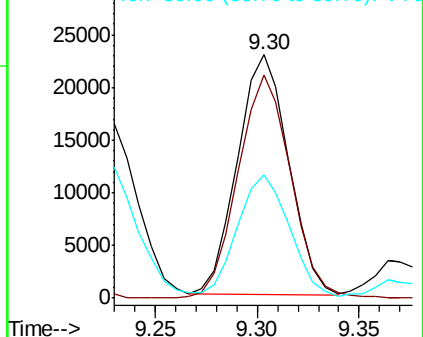
41 100

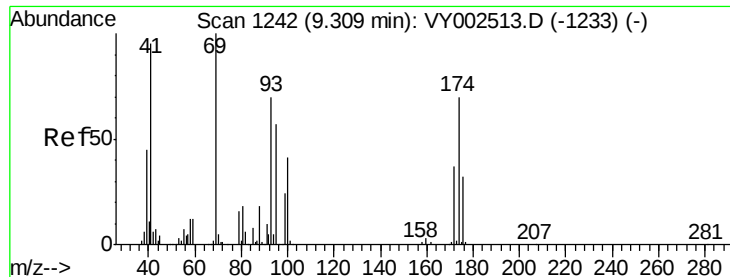
69 95.9 76.2 114.4

39 51.2 42.7 64.1



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

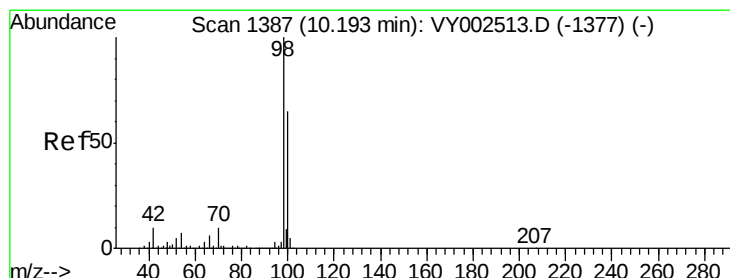
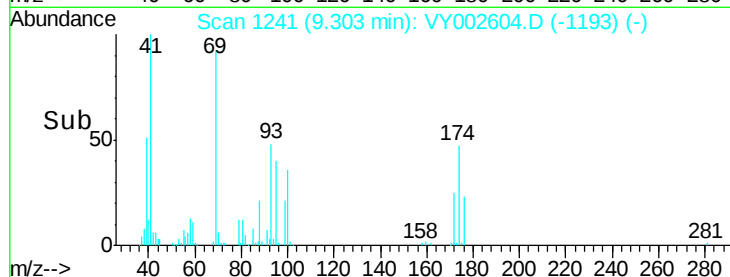
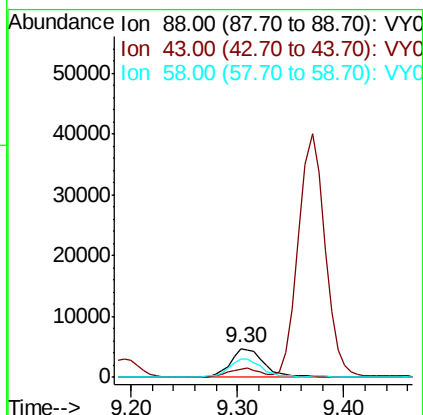
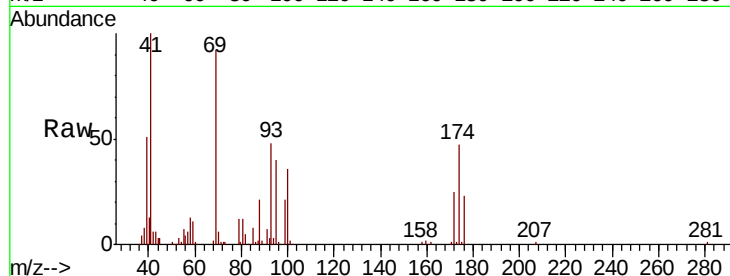




#49
1,4-Dioxane
Concen: 408.237 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. -0.01 min
Lab File: VY002604.D
Acq: 06 May 2020 11:00

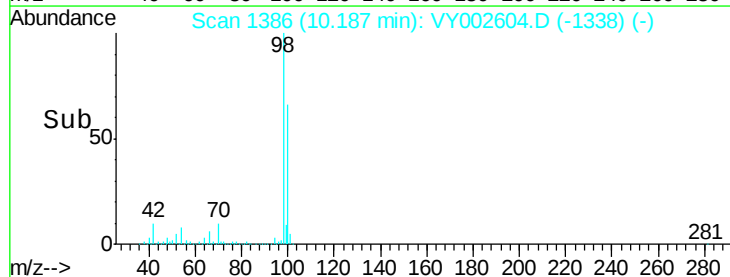
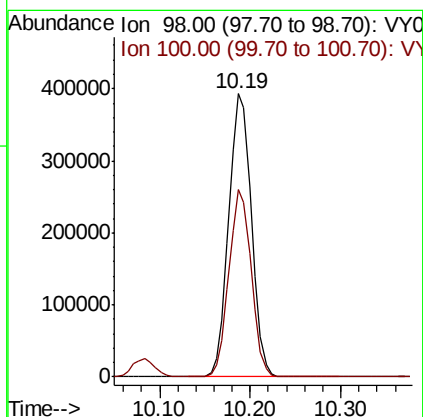
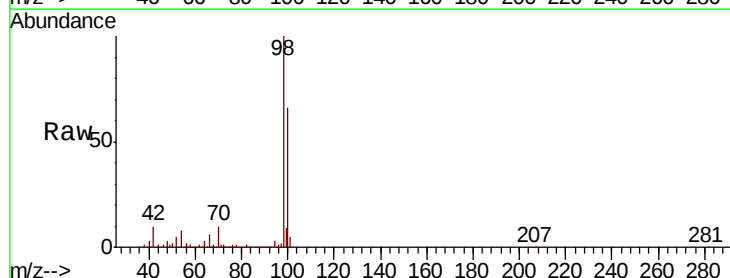
Instrument :
MSVOA_Y
ClientSampled :

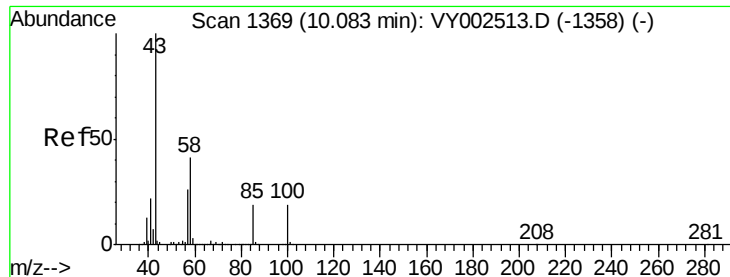
Tot Ion: 88 Resp: 10532
Ion Ratio Lower Upper
88 100
43 27.4 22.8 34.2
58 62.5 51.4 77.2



#50
Toluene-d8
Concen: 52.595 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. -0.01 min
Lab File: VY002604.D
Acq: 06 May 2020 11:00

Tgt Ion: 98 Resp: 680762
Ion Ratio Lower Upper
98 100
100 65.1 52.2 78.2





#51

4-Methyl-2-Pentanone

Concen: 97.397 ug/l

RT: 10.08 min Scan# 1368

Delta R.T. -0.01 min

Lab File: VY002604.D

Acq: 06 May 2020 11:00

Instrument :

MSVOA_Y

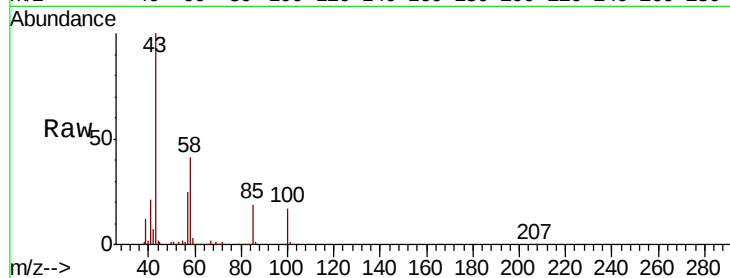
ClientSampled :

Tot Ion: 43 Resp: 234968

Ion Ratio Lower Upper

43 100

58 41.5 33.2 49.8



Abundance Ion 43.00 (42.70 to 43.70): VY002513.D (-1358) (-)

Ion 58.00 (57.70 to 58.70): VY002513.D (-1358) (-)

10.08

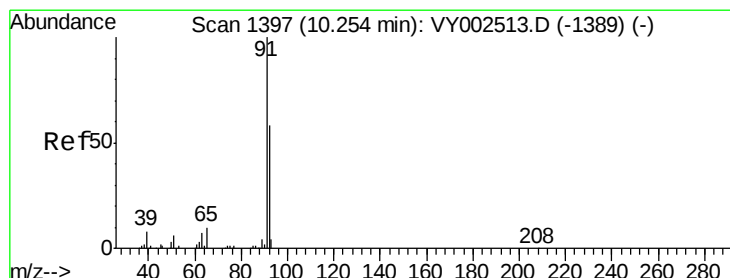
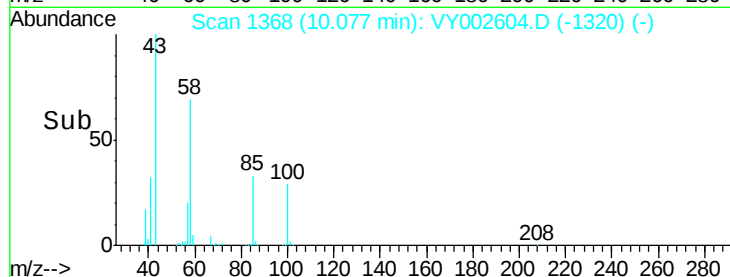
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 19.535 ug/l

RT: 10.25 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VY002604.D

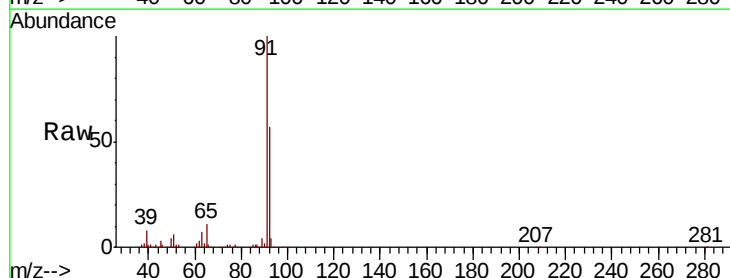
Acq: 06 May 2020 11:00

Tgt Ion: 92 Resp: 176171

Ion Ratio Lower Upper

92 100

91 172.8 139.3 208.9



Abundance Ion 92.00 (91.70 to 92.70): VY002513.D (-1389) (-)

Ion 91.00 (90.70 to 91.70): VY002513.D (-1389) (-)

10.25

200000

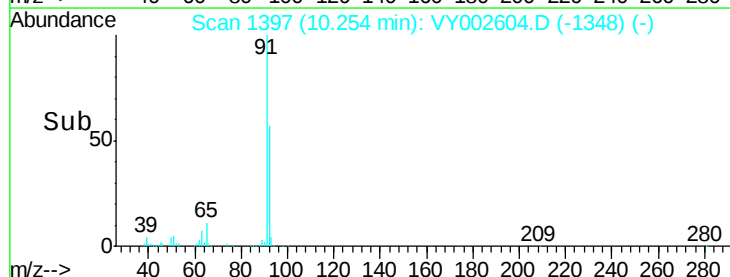
150000

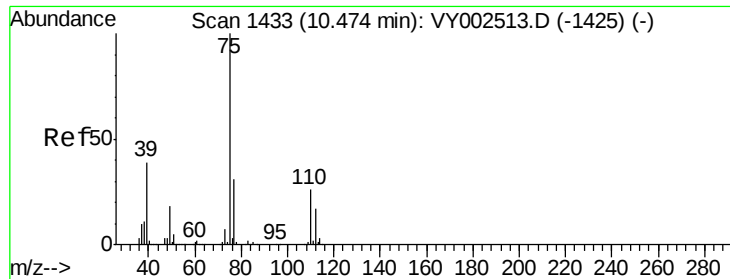
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 19.339 ug/l

RT: 10.47 min Scan# 1433

Delta R.T. -0.00 min

Lab File: VY002604.D

Acq: 06 May 2020 11:00

Instrument :

MSVOA_Y

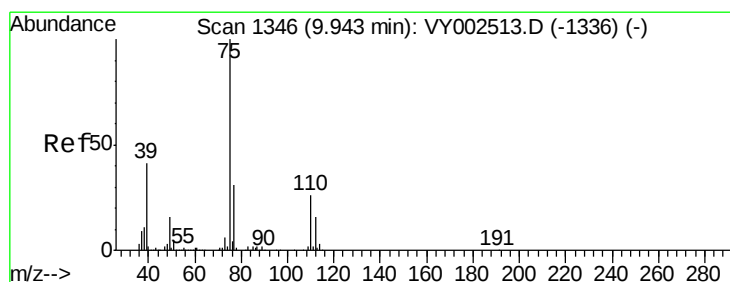
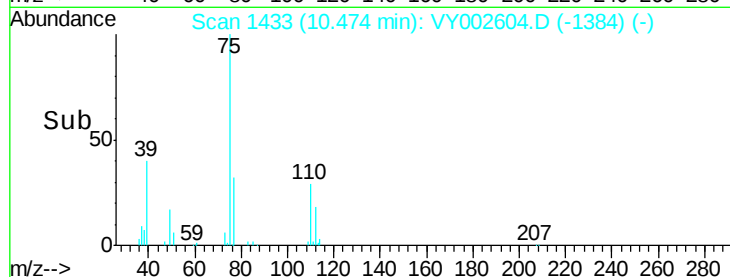
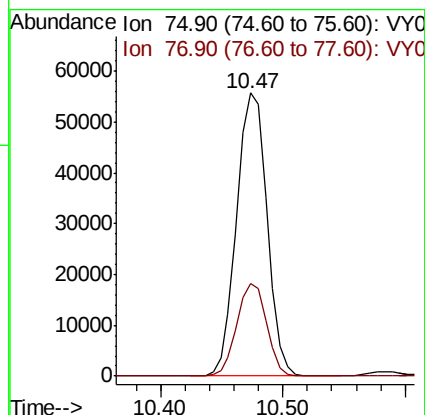
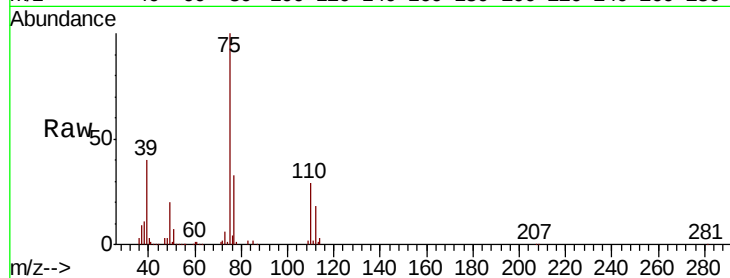
ClientSampleId :

Tot Ion: 75 Resp: 96000

Ion Ratio Lower Upper

75 100

77 32.6 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 19.443 ug/l

RT: 9.94 min Scan# 1345

Delta R.T. -0.01 min

Lab File: VY002604.D

Acq: 06 May 2020 11:00

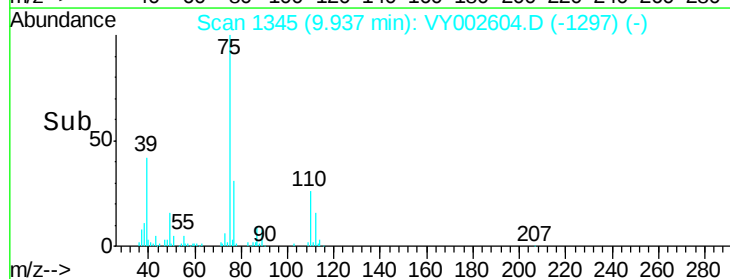
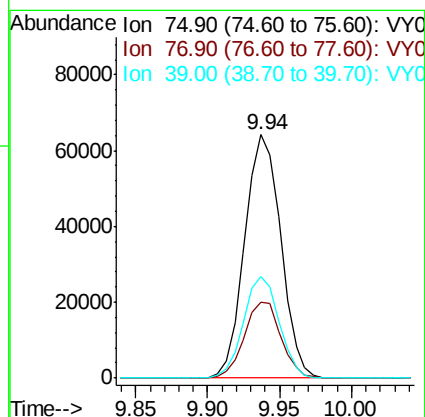
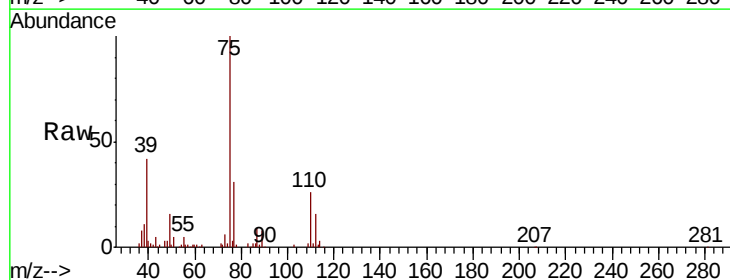
Tgt Ion: 75 Resp: 111579

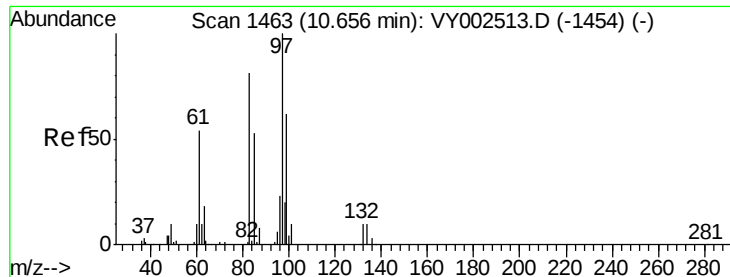
Ion Ratio Lower Upper

75 100

77 31.1 25.1 37.7

39 41.8 32.7 49.1

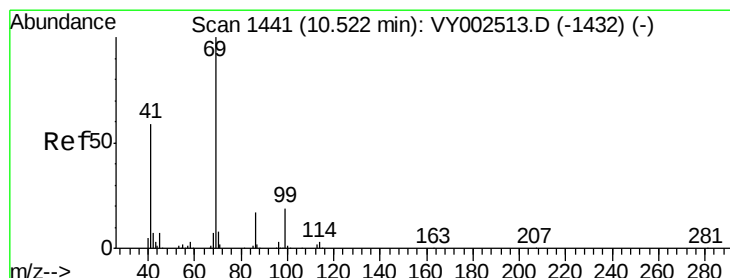
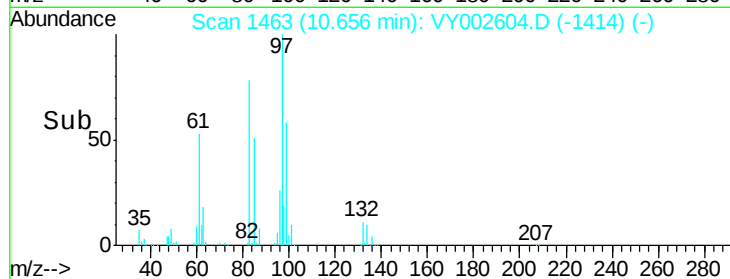
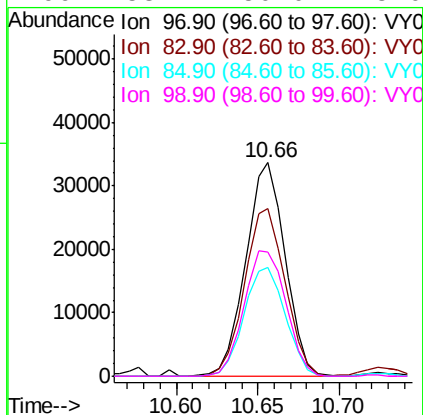
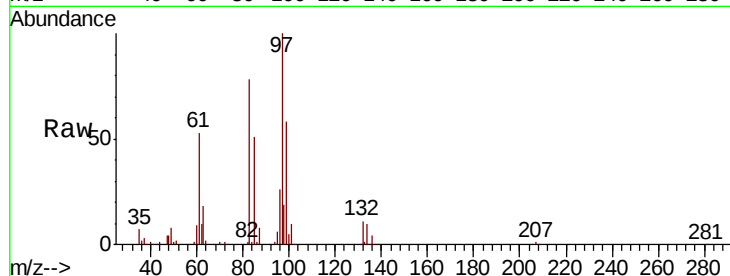




#55
 1,1,2-Trichloroethane
 Concen: 19.917 ug/l
 RT: 10.66 min Scan# 1463
 Delta R.T. 0.00 min
 Lab File: VY002604.D
 Acq: 06 May 2020 11:00

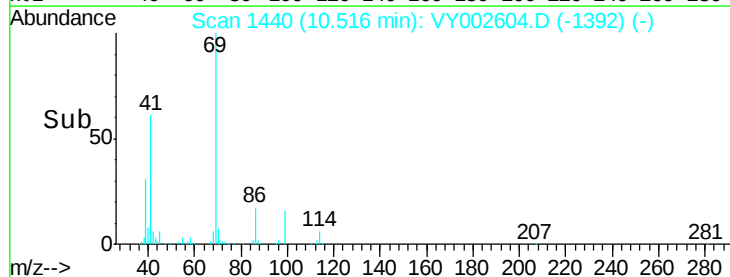
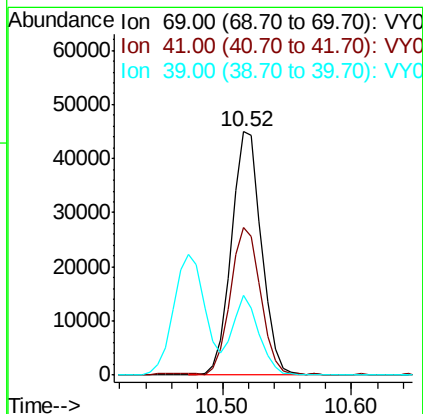
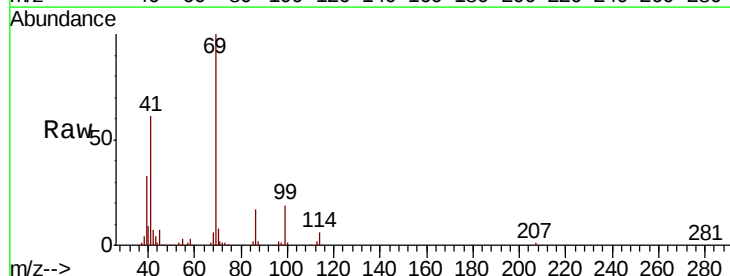
Instrument :
 MSVOA_Y
 ClientSampled :

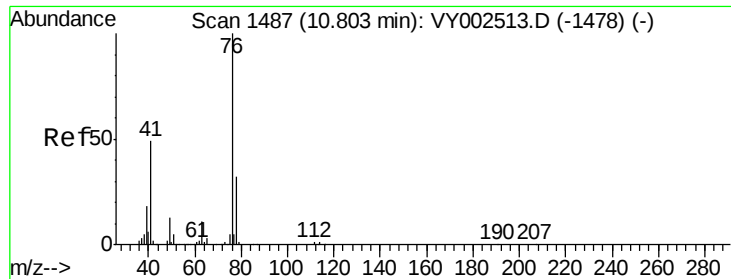
Tot Ion:	97	Resp:	56592
Ion	Ratio	Lower	Upper
97	100		
83	78.3	65.1	97.7
85	50.9	42.7	64.1
99	58.4	50.0	75.0



#56
 Ethyl methacrylate
 Concen: 19.279 ug/l
 RT: 10.52 min Scan# 1440
 Delta R.T. -0.01 min
 Lab File: VY002604.D
 Acq: 06 May 2020 11:00

Tgt Ion:	69	Resp:	72874
Ion	Ratio	Lower	Upper
69	100		
41	60.9	48.6	73.0
39	29.0	25.0	37.4





#57

1,3-Dichloropropane

Concen: 19.476 ug/l

RT: 10.80 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VY002604.D

Acq: 06 May 2020 11:00

Instrument :

MSVOA_Y

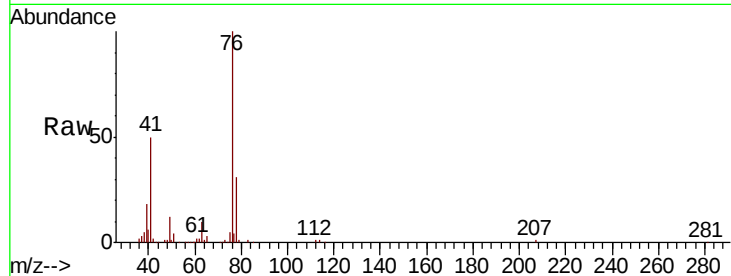
ClientSampleId :

Tot Ion: 76 Resp: 93850

Ion Ratio Lower Upper

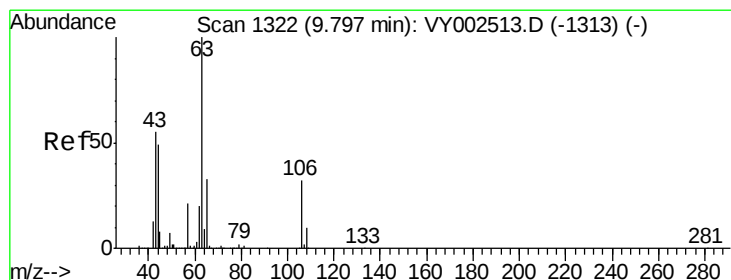
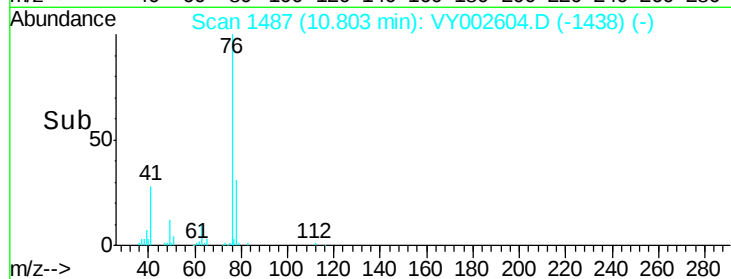
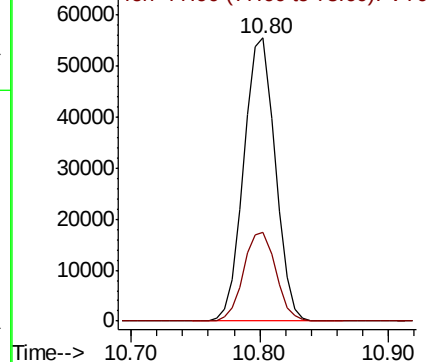
76 100

78 32.0 25.4 38.2



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#58

2-Chloroethyl Vinyl ether

Concen: 100.777 ug/l

RT: 9.79 min Scan# 1321

Delta R.T. -0.01 min

Lab File: VY002604.D

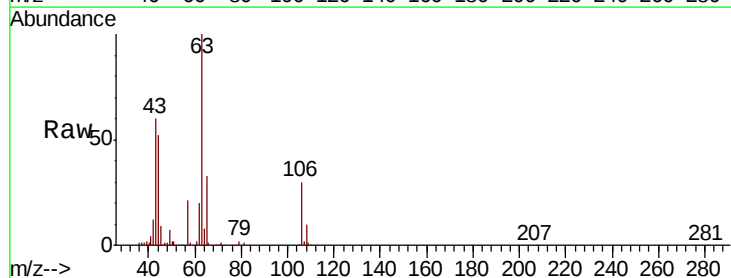
Acq: 06 May 2020 11:00

Tgt Ion: 63 Resp: 200888

Ion Ratio Lower Upper

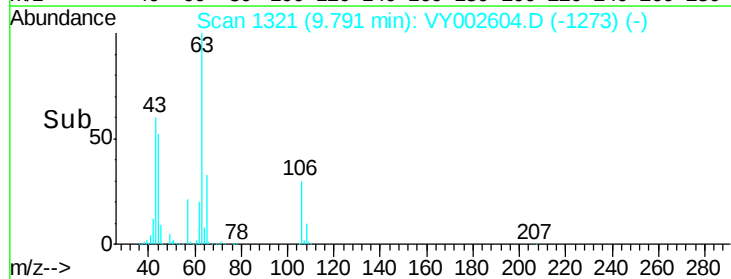
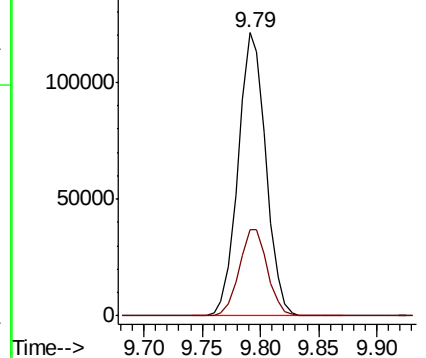
63 100

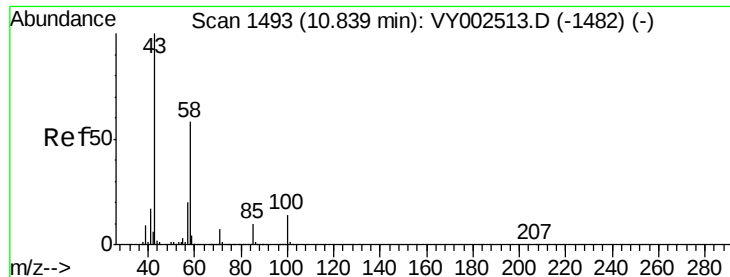
106 31.1 25.2 37.8



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

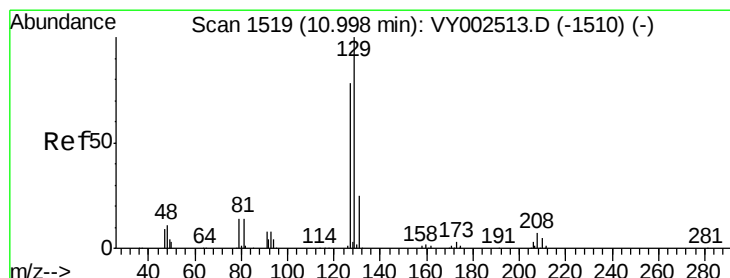
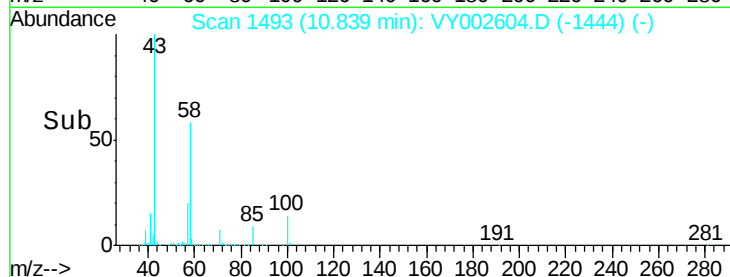
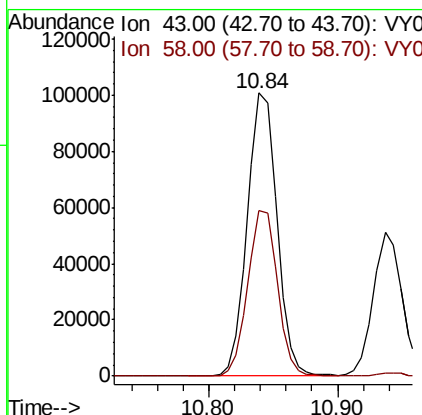
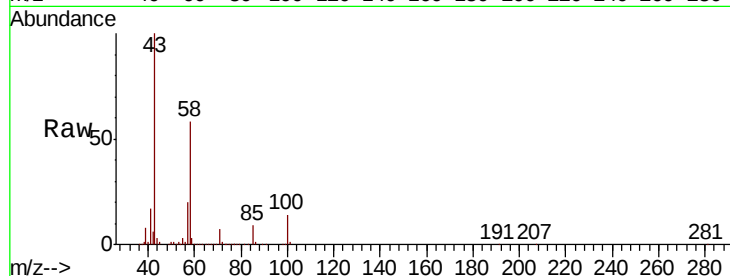




#59
2-Hexanone
Concen: 96.880 ug/l
RT: 10.84 min Scan# 1493
Delta R.T. -0.00 min
Lab File: VY002604.D
Acq: 06 May 2020 11:00

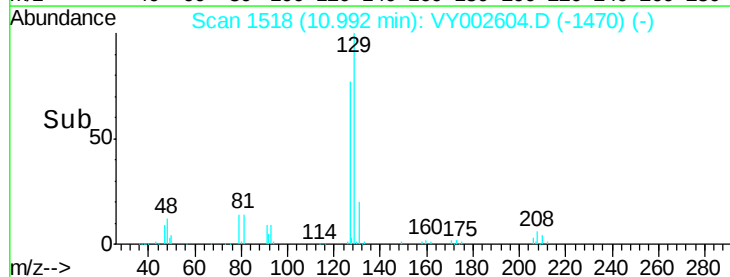
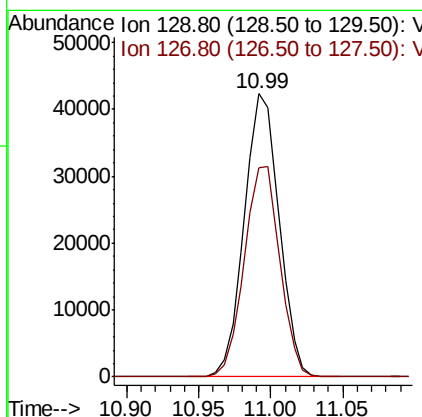
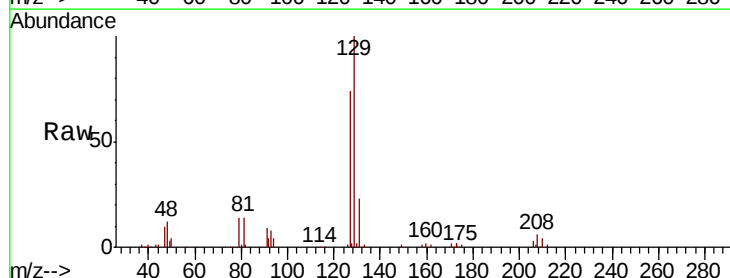
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 43 Resp: 160863
Ion Ratio Lower Upper
43 100
58 58.4 29.1 87.3



#60
Dibromochloromethane
Concen: 19.629 ug/l
RT: 10.99 min Scan# 1518
Delta R.T. -0.01 min
Lab File: VY002604.D
Acq: 06 May 2020 11:00

Tgt Ion: 129 Resp: 70937
Ion Ratio Lower Upper
129 100
127 75.9 39.0 117.0

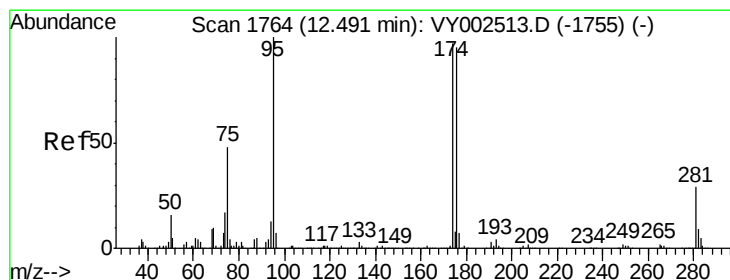
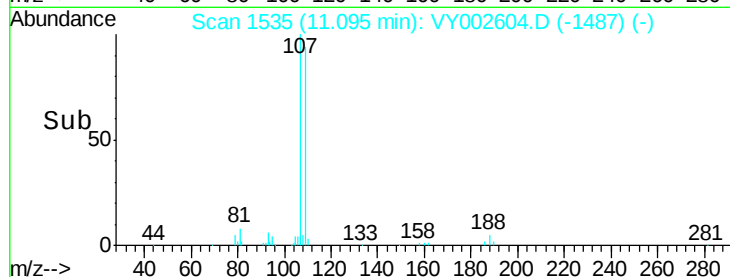
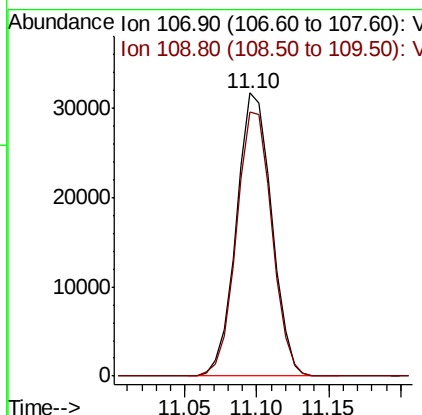
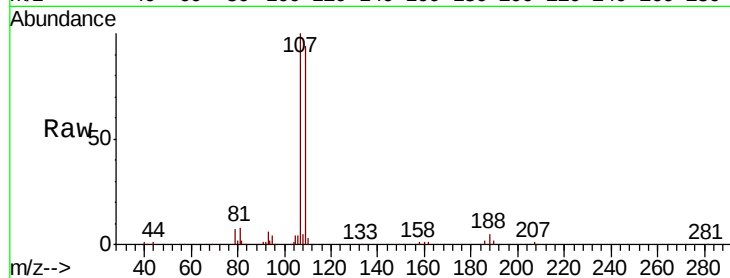




#61
 1,2-Dibromoethane
 Concen: 19.185 ug/l
 RT: 11.10 min Scan# 1535
 Delta R.T. -0.01 min
 Lab File: VY002604.D
 Acq: 06 May 2020 11:00

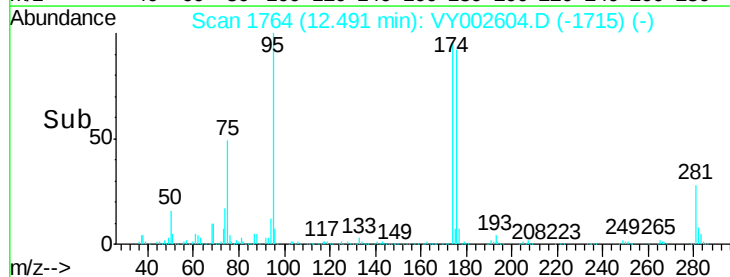
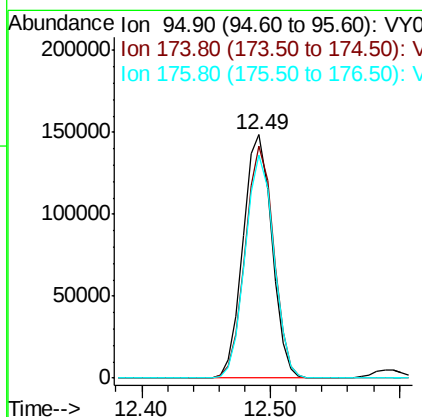
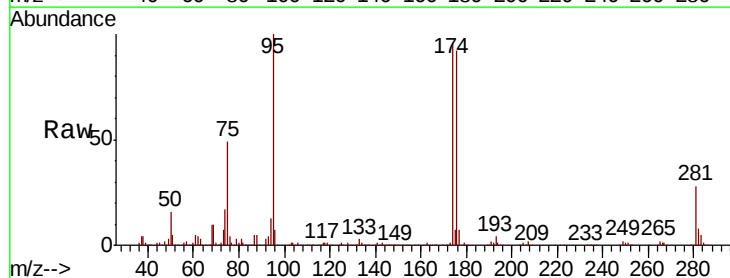
Instrument :
 MSVOA_Y
 ClientSampleId :

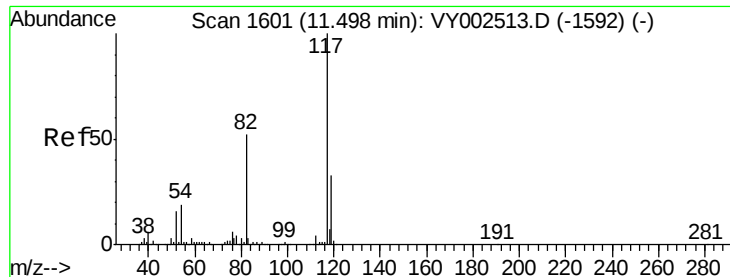
Tot Ion: 107 Resp: 53978
 Ion Ratio Lower Upper
 107 100
 109 93.8 75.8 113.8



#62
 4-Bromofluorobenzene
 Concen: 52.177 ug/l
 RT: 12.49 min Scan# 1764
 Delta R.T. 0.00 min
 Lab File: VY002604.D
 Acq: 06 May 2020 11:00

Tgt Ion: 95 Resp: 229161
 Ion Ratio Lower Upper
 95 100
 174 94.1 0.0 188.8
 176 90.8 0.0 183.2

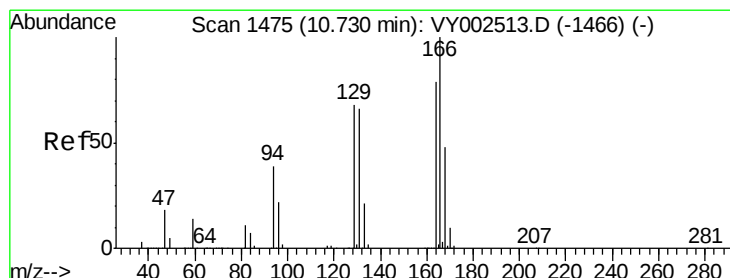
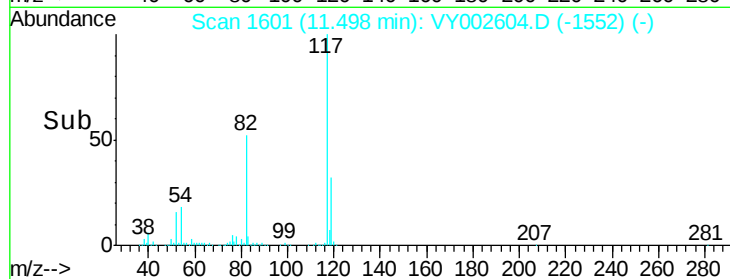
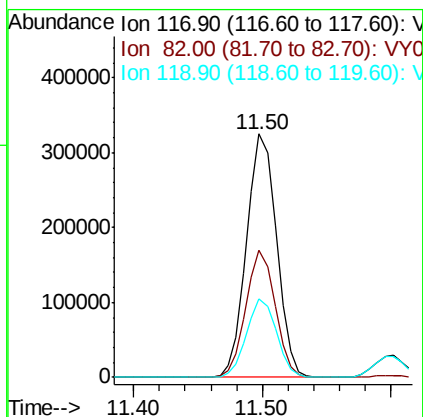
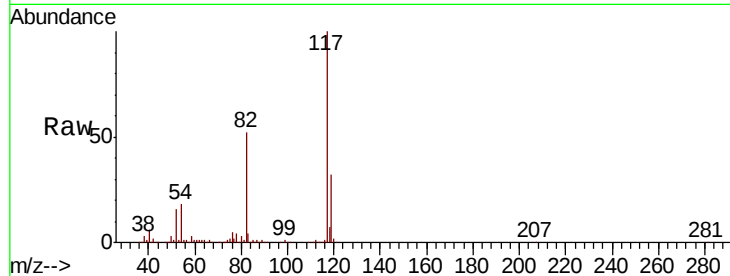




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VY002604.D
Acq: 06 May 2020 11:00

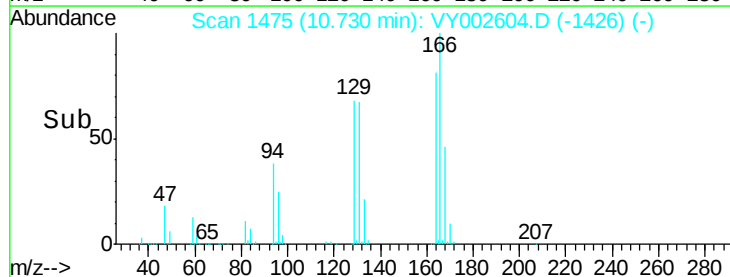
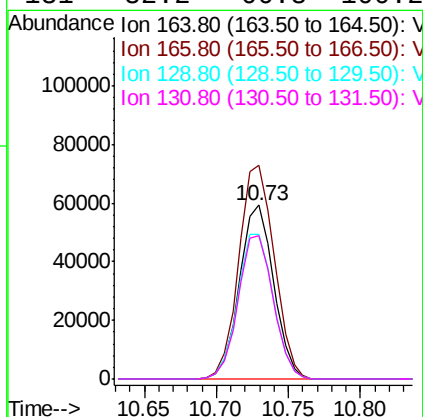
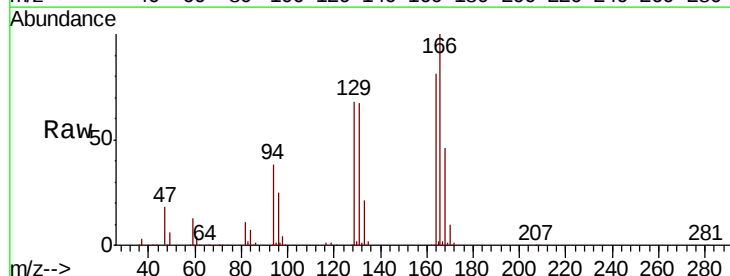
Instrument :
MSVOA_Y
ClientSampled :

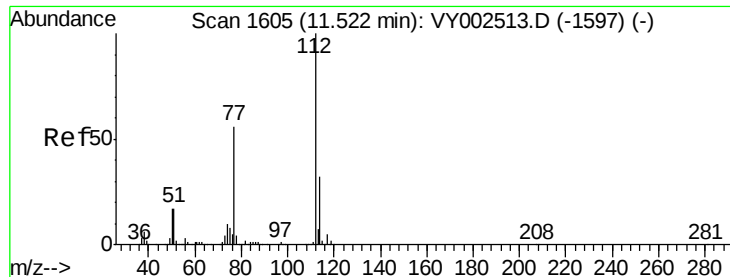
Tot Ion:117 Resp: 521922
Ion Ratio Lower Upper
117 100
82 52.1 41.3 61.9
119 32.2 26.0 39.0



#64
Tetrachloroethene
Concen: 21.073 ug/l
RT: 10.73 min Scan# 1475
Delta R.T. -0.00 min
Lab File: VY002604.D
Acq: 06 May 2020 11:00

Tgt Ion:164 Resp: 97722
Ion Ratio Lower Upper
164 100
166 122.7 100.7 151.1
129 83.5 68.3 102.5
131 82.2 66.8 100.2

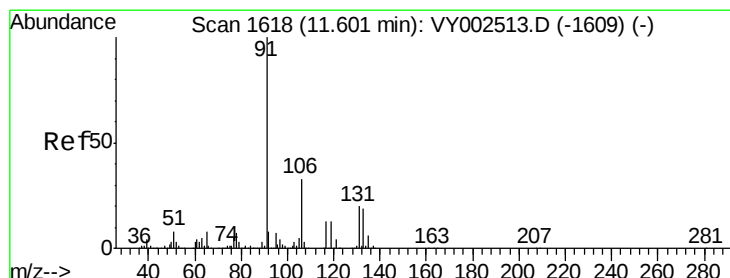
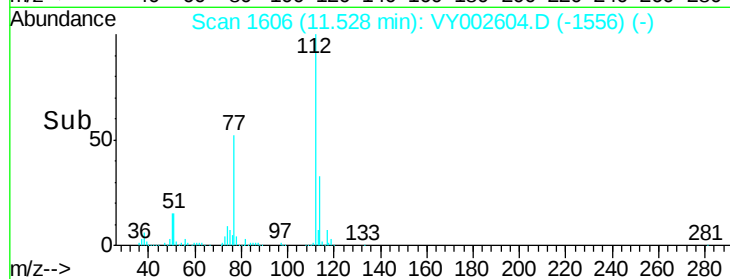
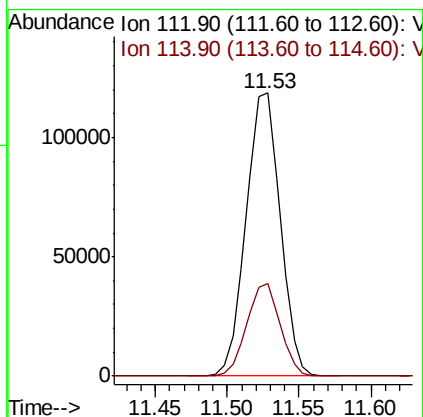
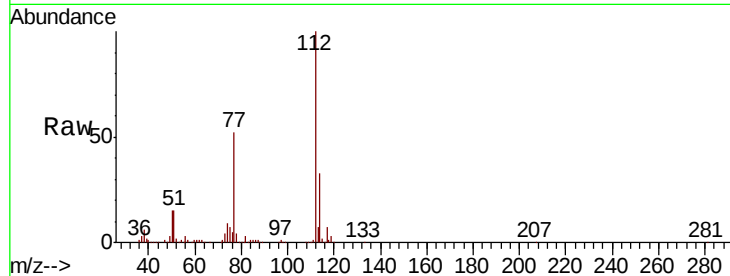




#65
Chlorobenzene
Concen: 19.627 ug/l
RT: 11.53 min Scan# 1606
Delta R.T. 0.01 min
Lab File: VY002604.D
Acq: 06 May 2020 11:00

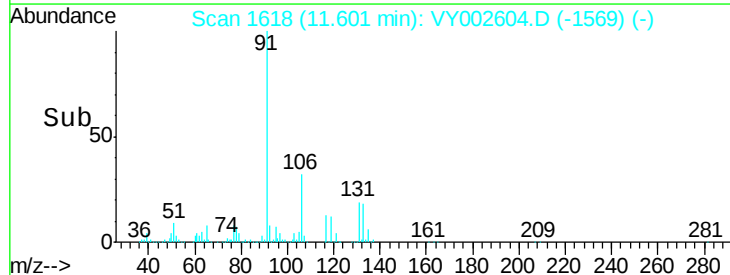
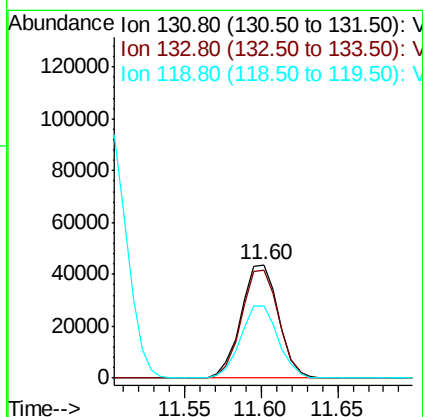
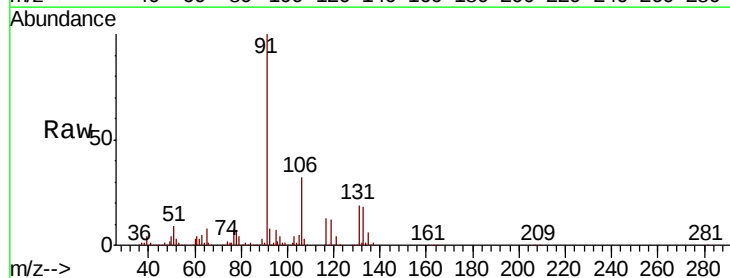
Instrument :
MSVOA_Y
ClientSampleId :

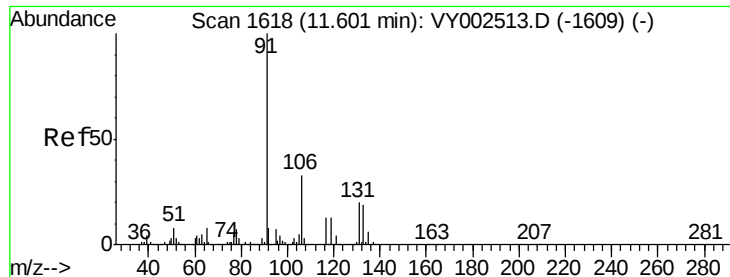
Tot Ion:112 Resp: 194737
Ion Ratio Lower Upper
112 100
114 32.7 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 20.189 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VY002604.D
Acq: 06 May 2020 11:00

Tgt Ion:131 Resp: 74356
Ion Ratio Lower Upper
131 100
133 94.9 48.1 144.4
119 64.5 31.6 95.0

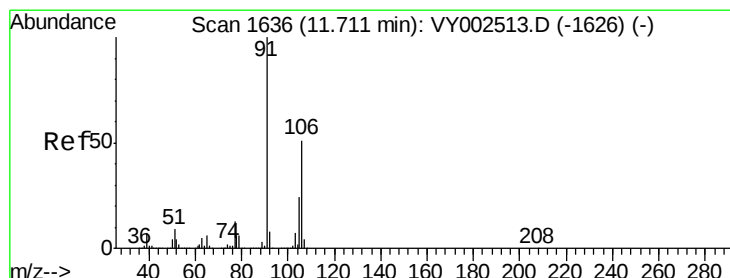
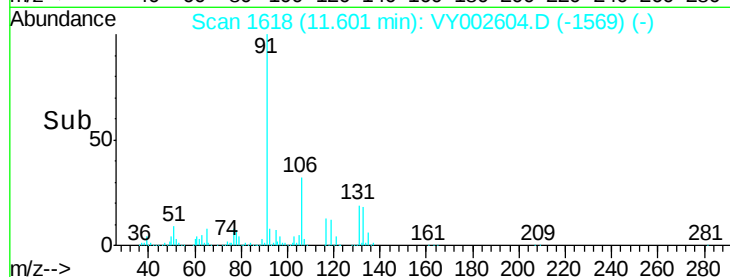
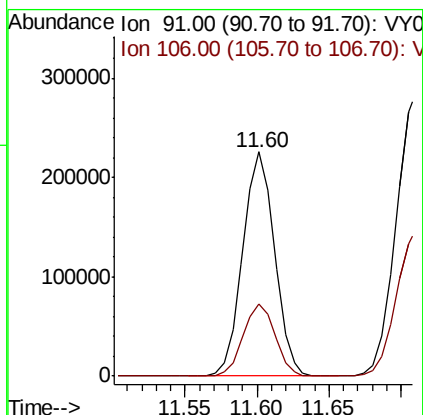
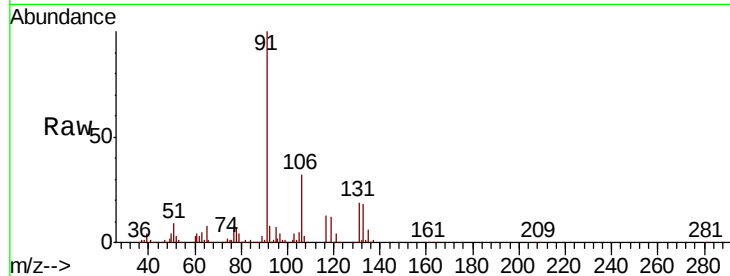




#67
Ethyl Benzene
Concen: 19.837 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VY002604.D
Acq: 06 May 2020 11:00

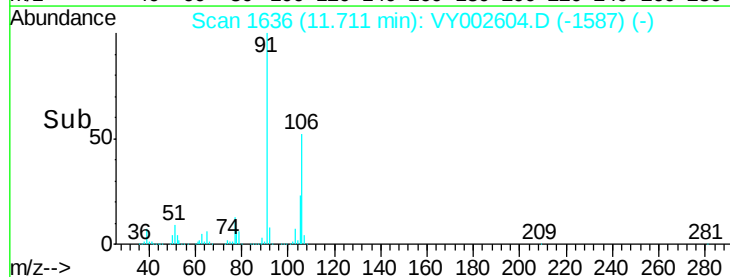
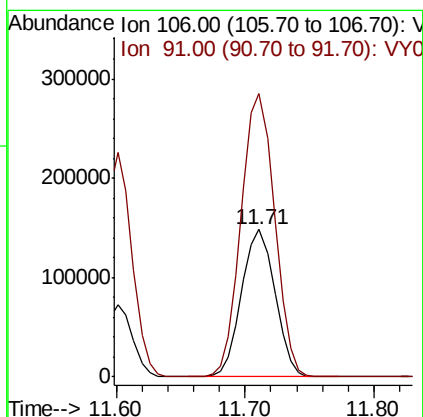
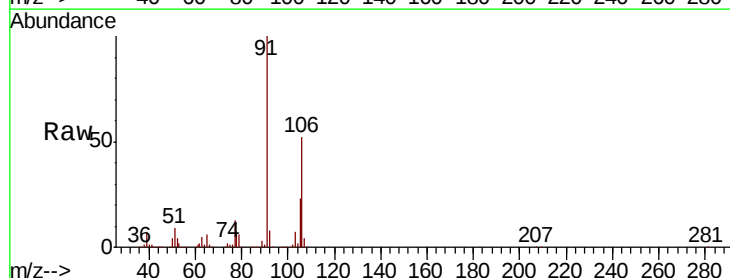
Instrument :
MSVOA_Y
ClientSampleId :

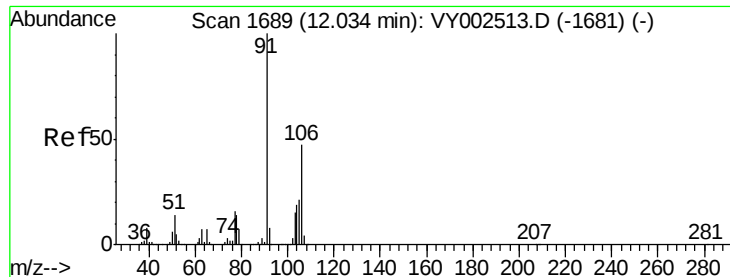
Tot Ion: 91 Resp: 345715
Ion Ratio Lower Upper
91 100
106 31.9 26.1 39.1



#68
m/p-Xylenes
Concen: 39.674 ug/l
RT: 11.71 min Scan# 1636
Delta R.T. 0.00 min
Lab File: VY002604.D
Acq: 06 May 2020 11:00

Tgt Ion: 106 Resp: 267534
Ion Ratio Lower Upper
106 100
91 192.5 155.2 232.8

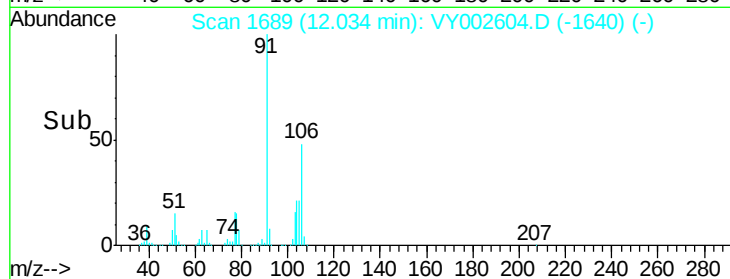
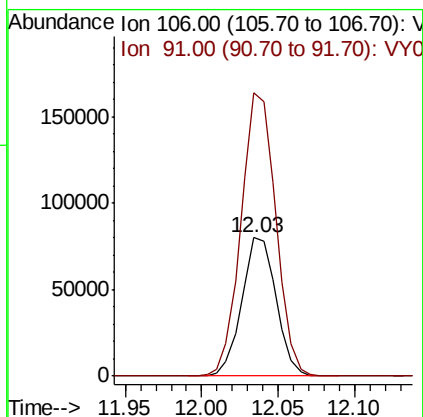
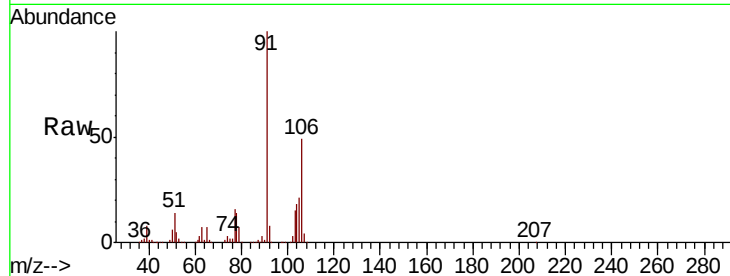




#69
o-Xylene
Concen: 19.770 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VY002604.D
Acq: 06 May 2020 11:00

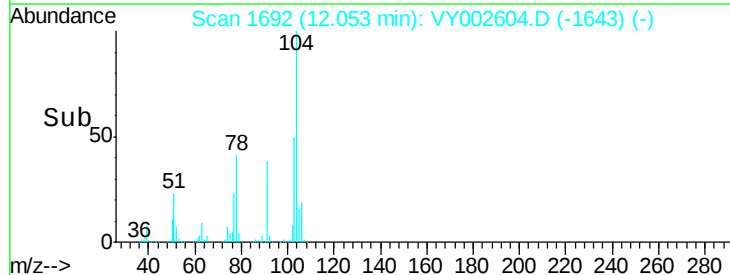
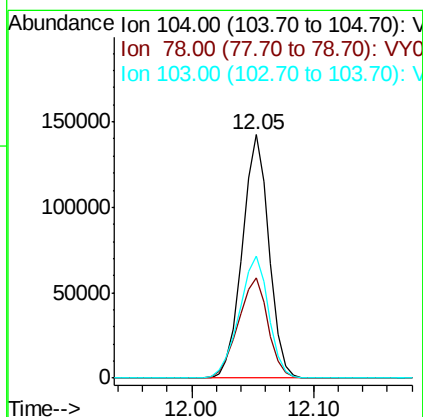
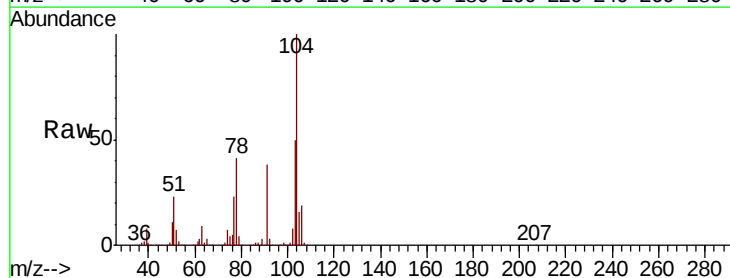
Instrument :
MSVOA_Y
ClientSampled :

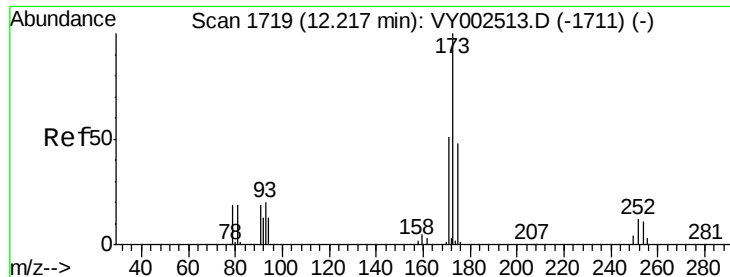
Tot Ion:106 Resp: 124829
Ion Ratio Lower Upper
106 100
91 207.2 103.8 311.3



#70
Styrene
Concen: 19.921 ug/l
RT: 12.05 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VY002604.D
Acq: 06 May 2020 11:00

Tgt Ion:104 Resp: 215026
Ion Ratio Lower Upper
104 100
78 46.1 37.4 56.0
103 55.2 43.9 65.9





#71

Bromoform

Concen: 19.271 ug/l

RT: 12.22 min Scan# 1719

Delta R.T. 0.00 min

Lab File: VY002604.D

Acq: 06 May 2020 11:00

Instrument :

MSVOA_Y

ClientSampleId :

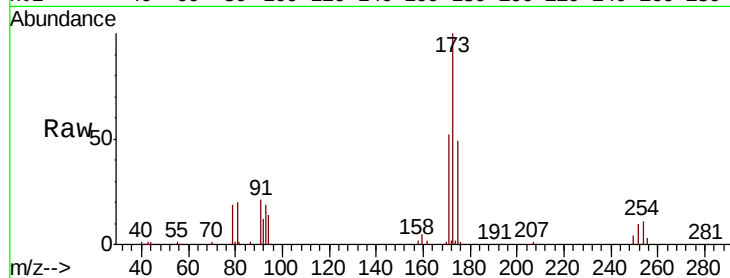
Tot Ion:173 Resp: 44051

Ion Ratio Lower Upper

173 100

175 47.8 24.3 72.8

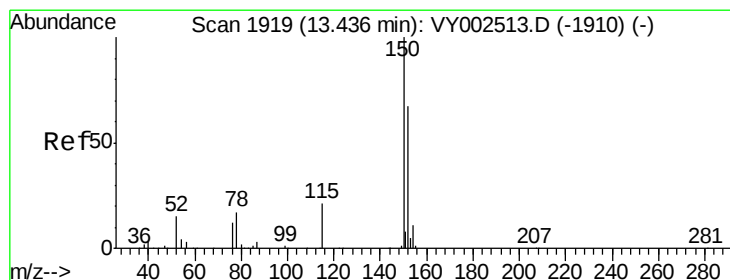
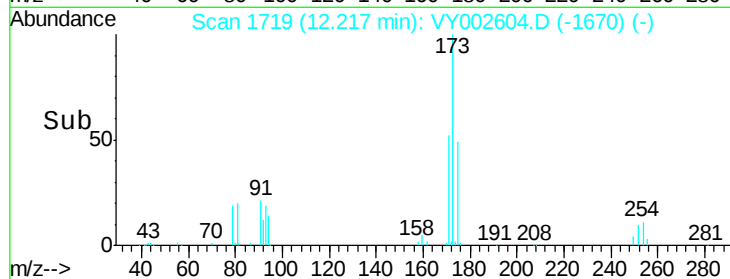
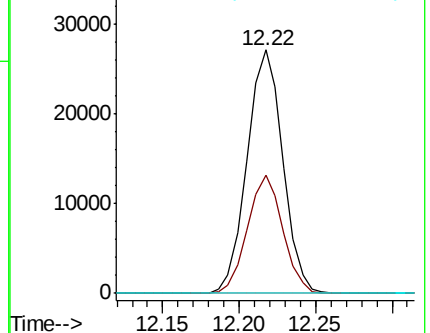
254 0.0 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.44 min Scan# 1919

Delta R.T. 0.00 min

Lab File: VY002604.D

Acq: 06 May 2020 11:00

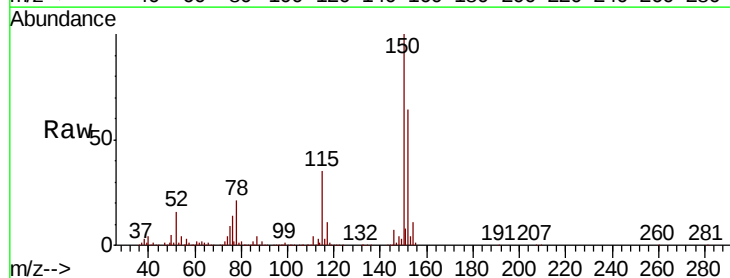
Tgt Ion:152 Resp: 270027

Ion Ratio Lower Upper

152 100

115 54.3 27.5 82.4

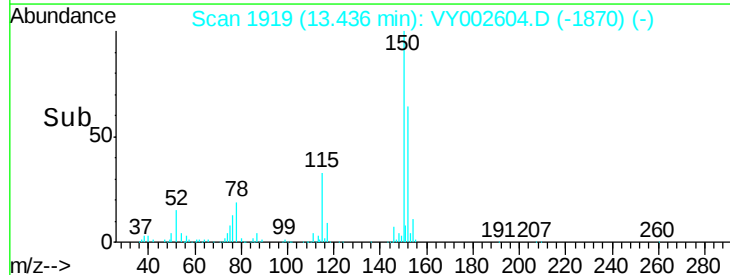
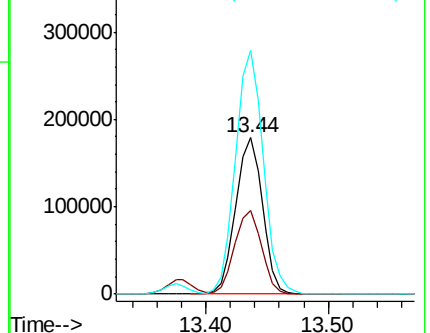
150 162.1 0.0 346.4

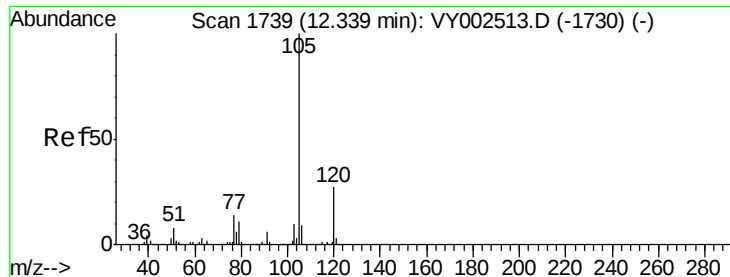


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.636 ug/l

RT: 12.34 min Scan# 1739

Delta R.T. -0.00 min

Lab File: VY002604.D

Acq: 06 May 2020 11:00

Instrument :

MSVOA_Y

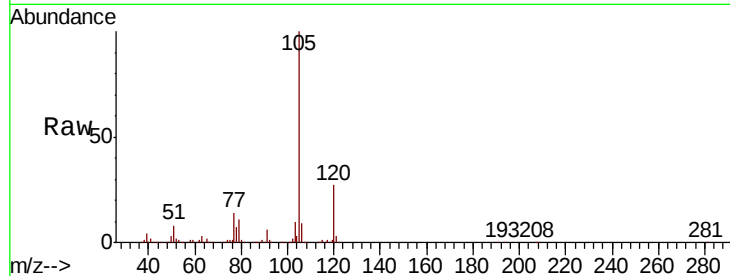
ClientSampled :

Tot Ion:105 Resp: 343637

Ion Ratio Lower Upper

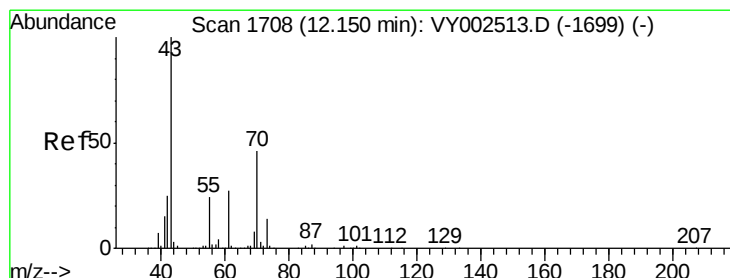
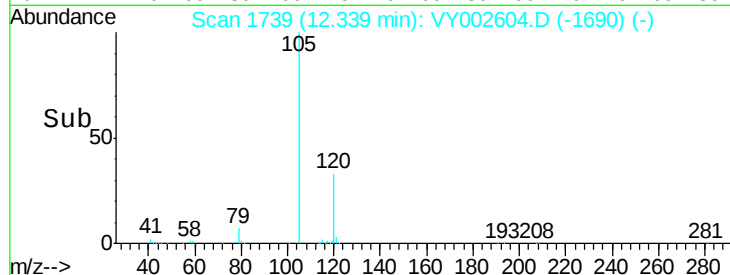
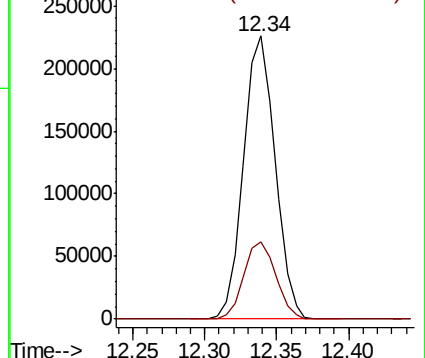
105 100

120 27.7 13.8 41.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.667 ug/l

RT: 12.15 min Scan# 1708

Delta R.T. 0.00 min

Lab File: VY002604.D

Acq: 06 May 2020 11:00

Tgt Ion: 43 Resp: 82795

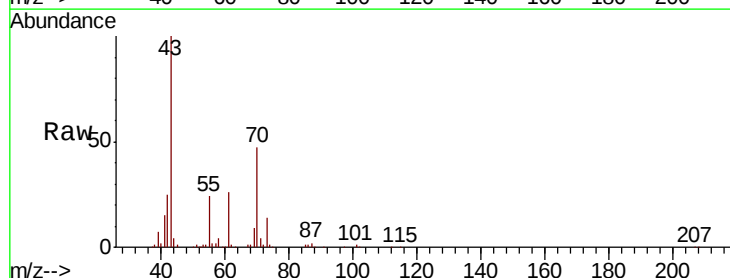
Ion Ratio Lower Upper

43 100

70 45.8 36.7 55.1

55 25.1 19.2 28.8

61 26.5 21.1 31.7

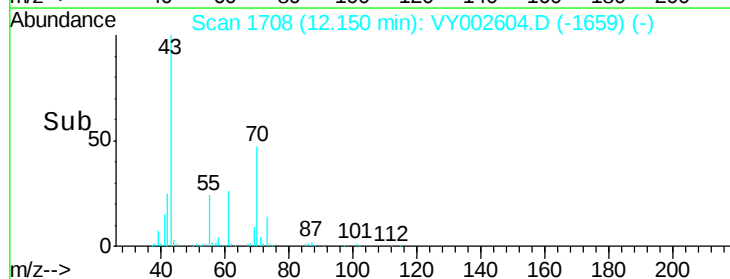
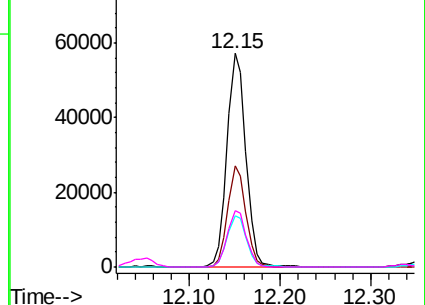


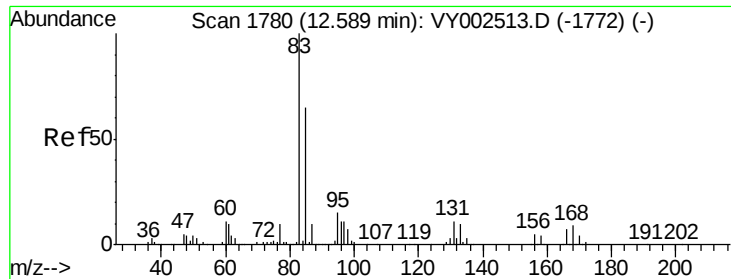
Abundance Ion 43.00 (42.70 to 43.70): VY0

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: 18.295 ug/l

RT: 12.59 min Scan# 1780

Delta R.T. 0.00 min

Lab File: VY002604.D

Acq: 06 May 2020 11:00

Instrument :

MSVOA_Y

ClientSampleId :

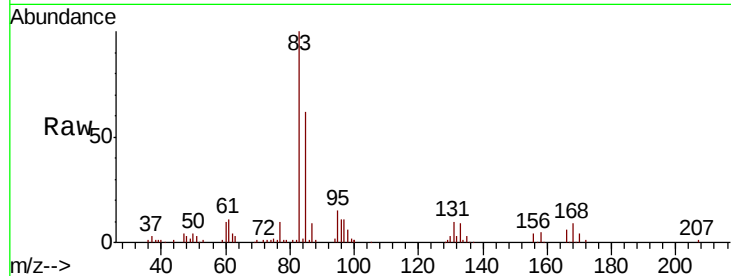
Tot Ion: 83 Resp: 50918

Ion Ratio Lower Upper

83 100

131 11.5 5.9 17.8

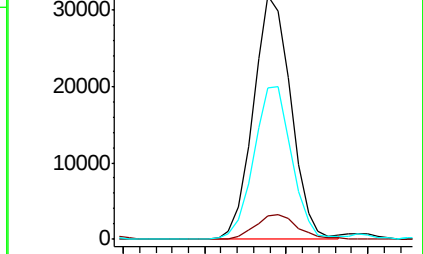
85 63.7 31.9 95.9



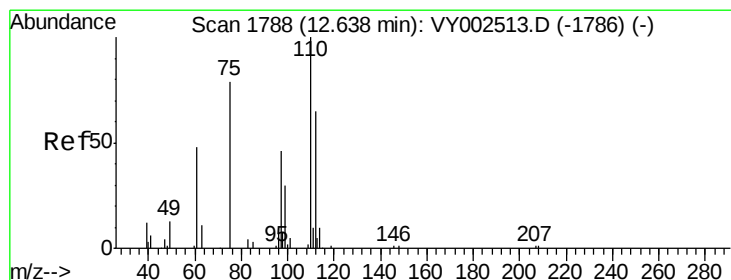
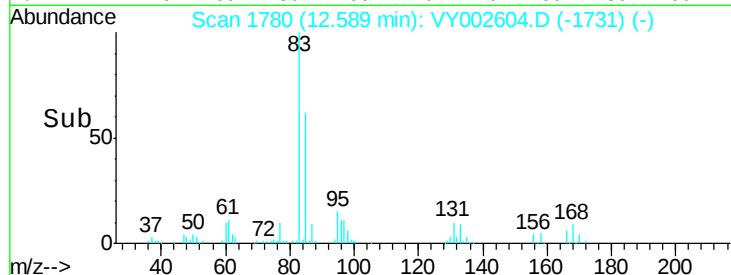
Abundance Ion 82.90 (82.60 to 83.60): VY002604.D (-1731) (-)

Ion 130.80 (130.50 to 131.50): VY002604.D (-1731) (-)

Ion 84.90 (84.60 to 85.60): VY002604.D (-1731) (-)



Time--> 12.50 12.55 12.60 12.65



#76

1,2,3-Trichloropropane

Concen: 34.559 ug/l

RT: 12.64 min Scan# 1789

Delta R.T. 0.01 min

Lab File: VY002604.D

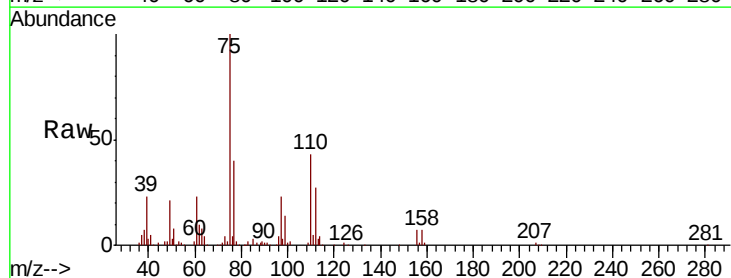
Acq: 06 May 2020 11:00

Tgt Ion: 75 Resp: 82929

Ion Ratio Lower Upper

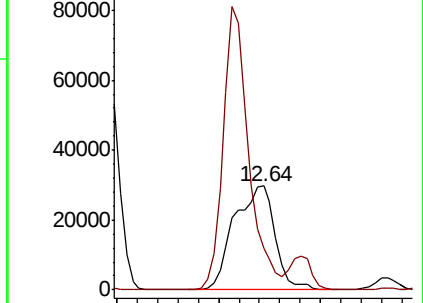
75 100

77 0.0 0.0 0.0

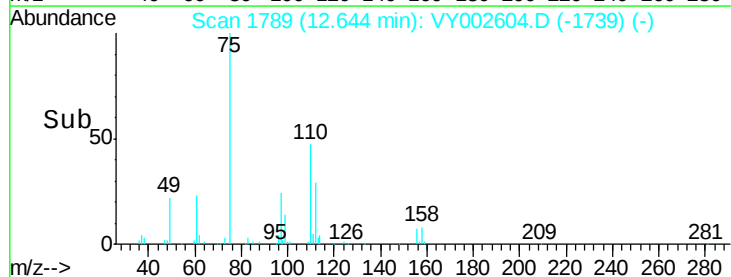


Abundance Ion 74.90 (74.60 to 75.60): VY002604.D (-1739) (-)

Ion 77.00 (76.70 to 77.70): VY002604.D (-1739) (-)



Time--> 12.50 12.60 12.70





#77

Bromobenzene

Concen: 19.477 ug/l

RT: 12.62 min Scan# 1785

Delta R.T. 0.01 min

Lab File: VY002604.D

Acq: 06 May 2020 11:00

Instrument :

MSVOA_Y

ClientSampleId :

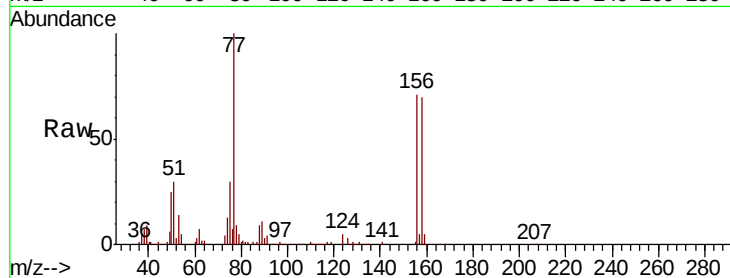
Tot Ion:156 Resp: 85159

Ion Ratio Lower Upper

156 100

77 166.3 82.0 245.8

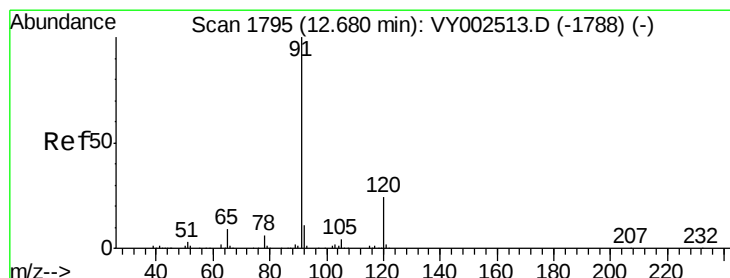
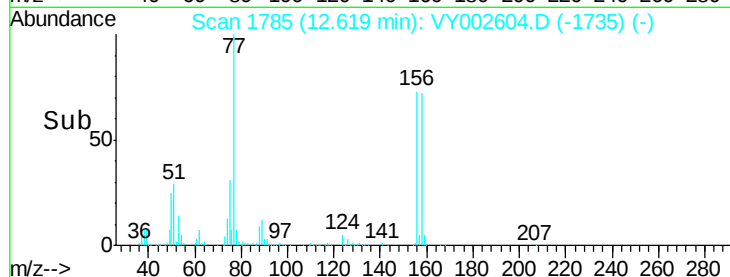
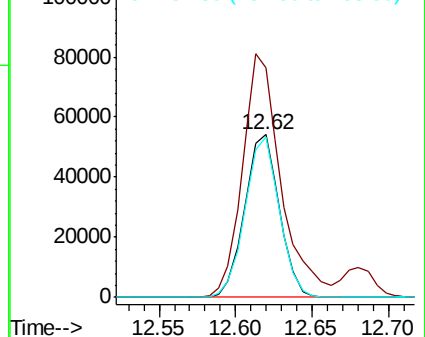
158 97.8 48.5 145.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.935 ug/l

RT: 12.68 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VY002604.D

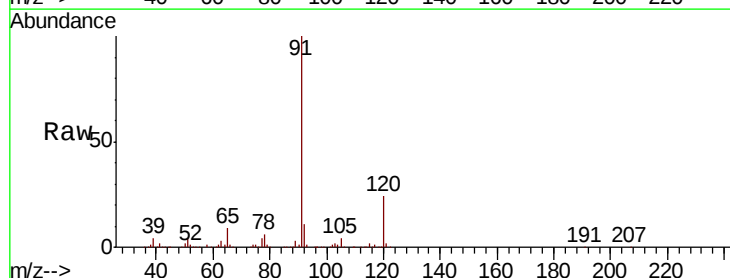
Acq: 06 May 2020 11:00

Tgt Ion: 91 Resp: 404852

Ion Ratio Lower Upper

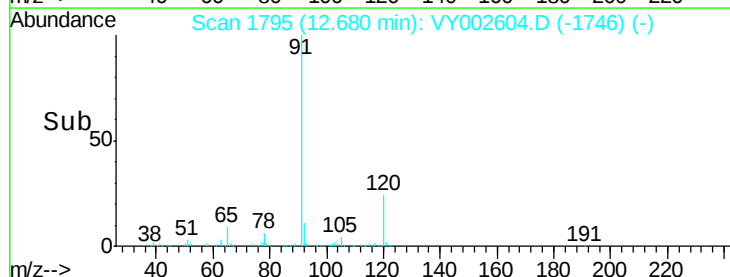
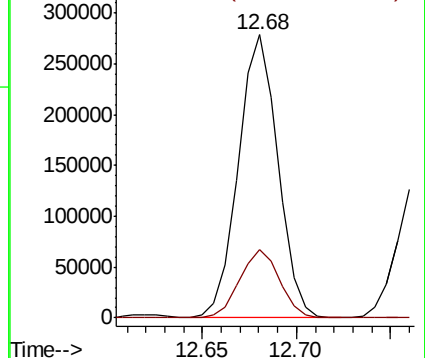
91 100

120 24.2 12.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.776 ug/l

RT: 12.77 min Scan# 1809

Delta R.T. -0.00 min

Lab File: VY002604.D

Acq: 06 May 2020 11:00

Instrument :

MSVOA_Y

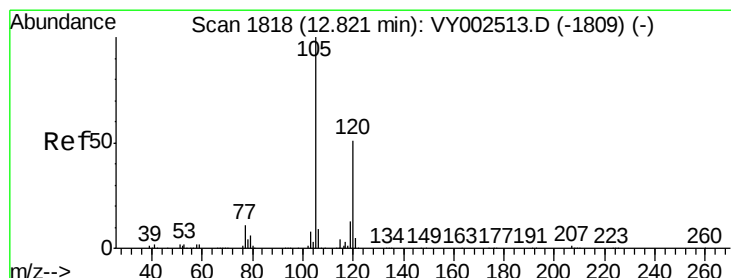
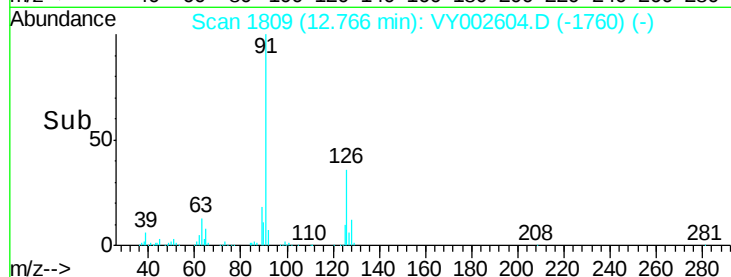
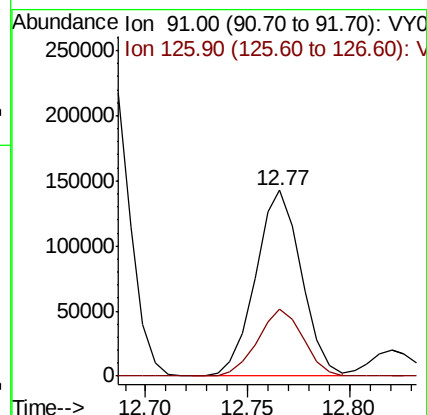
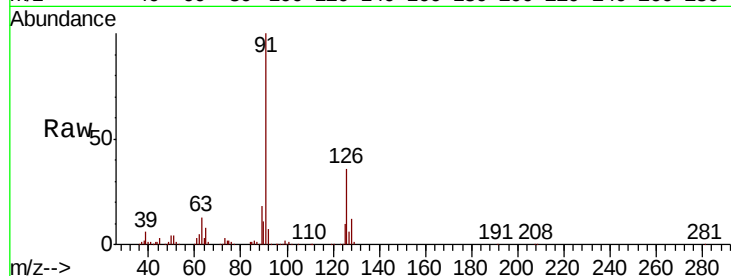
ClientSampleId :

Tot Ion: 91 Resp: 222473

Ion Ratio Lower Upper

91 100

126 36.1 18.4 55.2



#80

1,3,5-Trimethylbenzene

Concen: 19.850 ug/l

RT: 12.82 min Scan# 1818

Delta R.T. 0.00 min

Lab File: VY002604.D

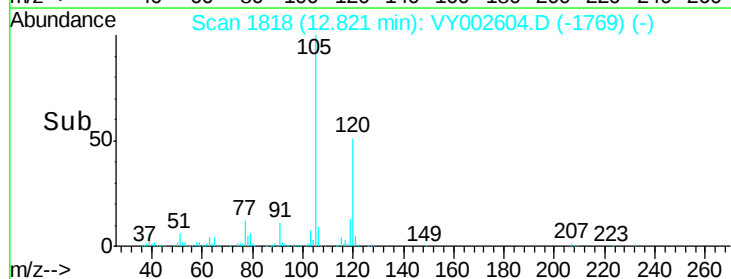
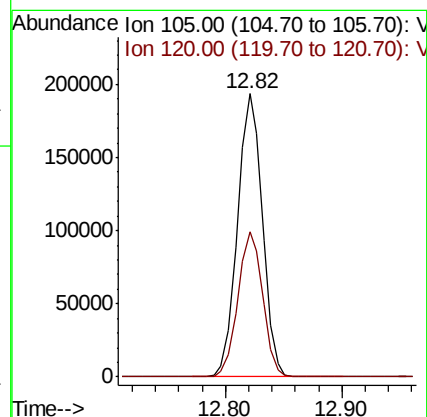
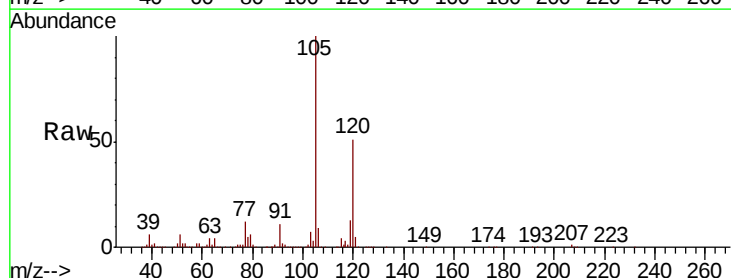
Acq: 06 May 2020 11:00

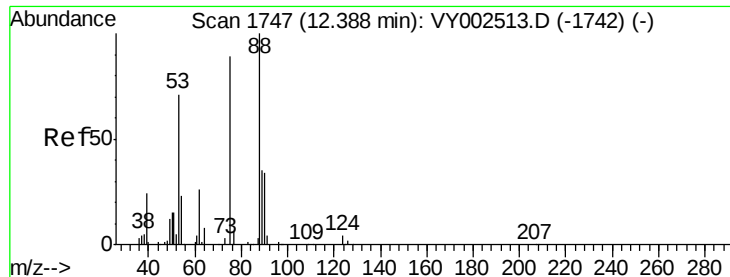
Tgt Ion: 105 Resp: 287948

Ion Ratio Lower Upper

105 100

120 50.9 25.3 75.9





#81

trans-1,4-Dichloro-2-butene

Concen: 18.526 ug/l

RT: 12.39 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VY002604.D

Acq: 06 May 2020 11:00

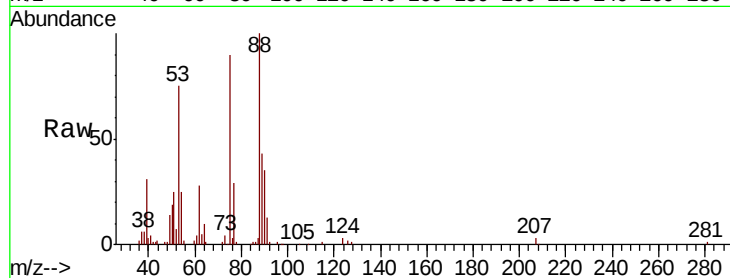
Instrument :

MSVOA_Y

ClientSampleId :

Tot Ion: 75 Resp: 22170

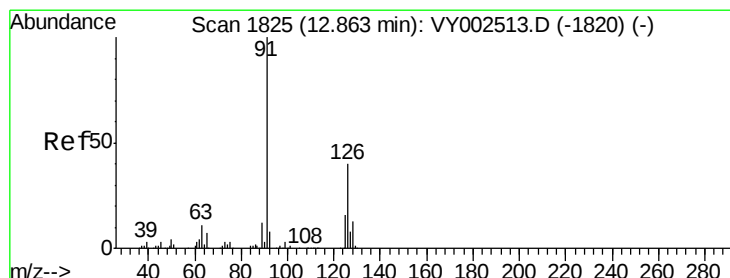
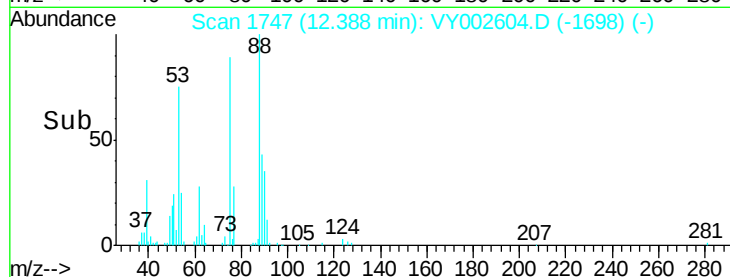
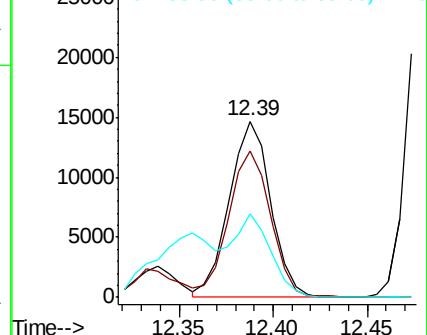
Ion	Ratio	Lower	Upper
75	100		
53	85.3	67.4	101.0
89	45.4	37.4	56.0



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: 20.118 ug/l

RT: 12.86 min Scan# 1825

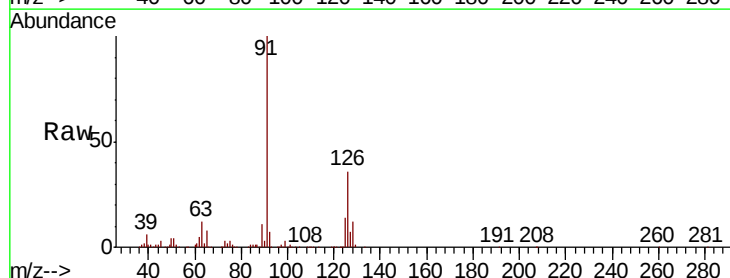
Delta R.T. 0.00 min

Lab File: VY002604.D

Acq: 06 May 2020 11:00

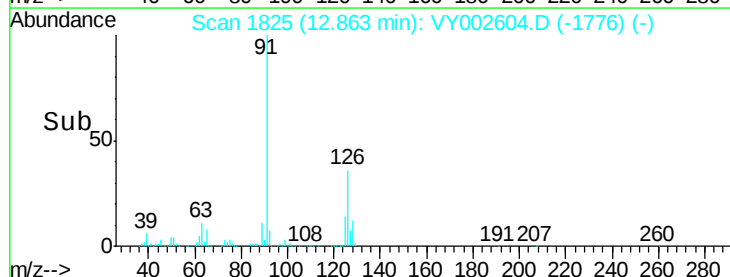
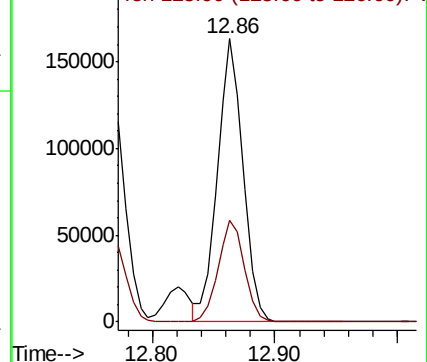
Tgt Ion: 91 Resp: 237737

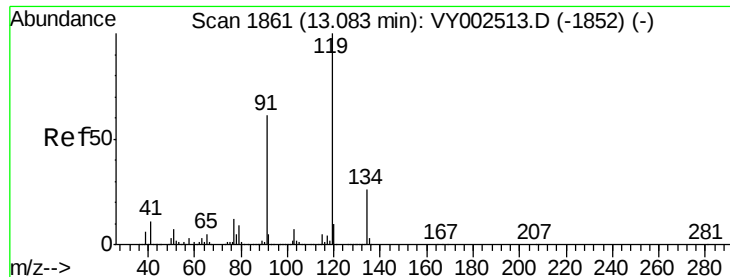
Ion	Ratio	Lower	Upper
91	100		
126	36.5	18.5	55.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V

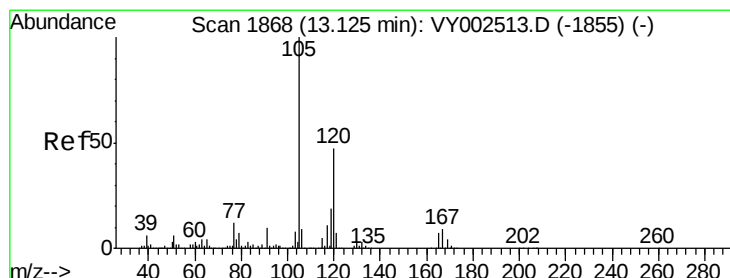
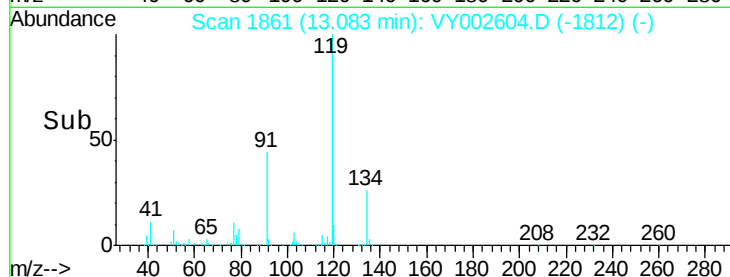
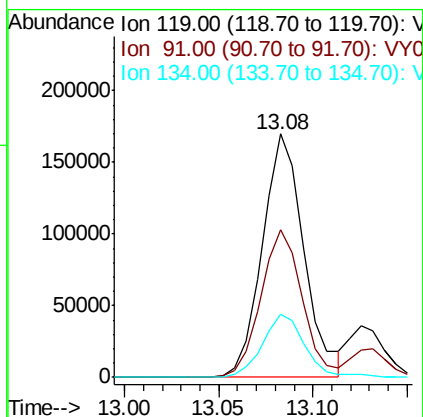
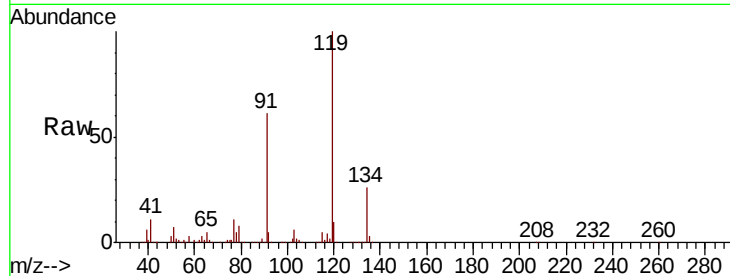




#83
 tert-Butylbenzene
 Concen: 20.504 ug/l
 RT: 13.08 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: VY002604.D
 Acq: 06 May 2020 11:00

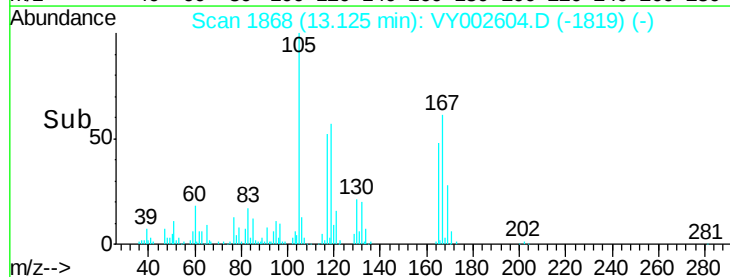
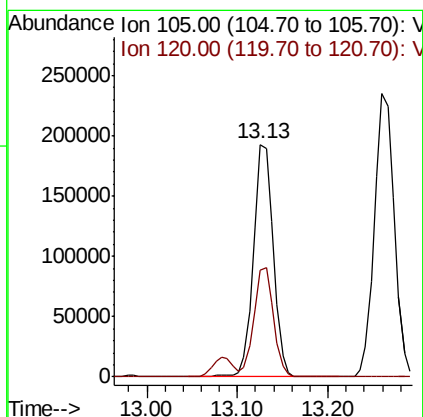
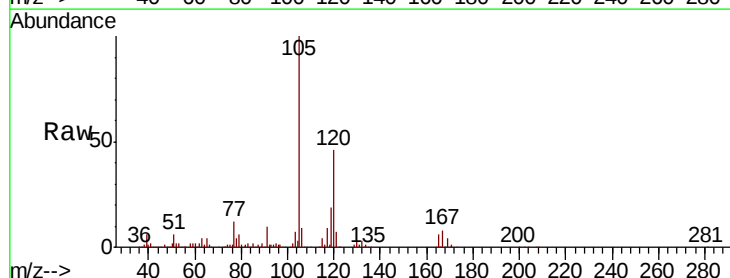
Instrument :
 MSVOA_Y
 ClientSampled :

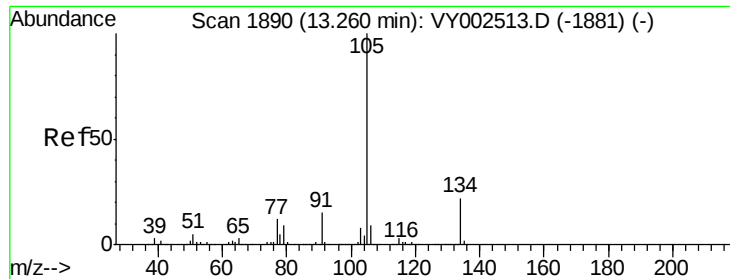
Tot Ion:119 Resp: 260801
 Ion Ratio Lower Upper
 119 100
 91 60.0 30.6 91.6
 134 26.3 13.5 40.4



#84
 1,2,4-Trimethylbenzene
 Concen: 20.172 ug/l
 RT: 13.13 min Scan# 1868
 Delta R.T. 0.00 min
 Lab File: VY002604.D
 Acq: 06 May 2020 11:00

Tgt Ion:105 Resp: 291632
 Ion Ratio Lower Upper
 105 100
 120 46.3 23.4 70.3





#85

sec-Butylbenzene

Concen: 20.204 ug/l

RT: 13.26 min Scan# 1890

Delta R.T. -0.00 min

Lab File: VY002604.D

Acq: 06 May 2020 11:00

Instrument :

MSVOA_Y

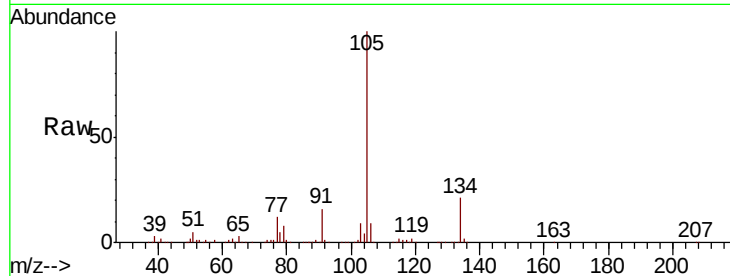
ClientSampleId :

Tot Ion:105 Resp: 356607

Ion Ratio Lower Upper

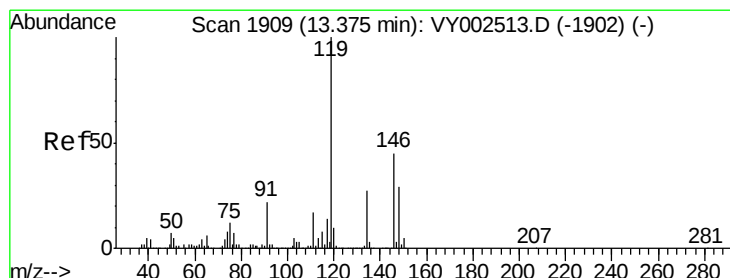
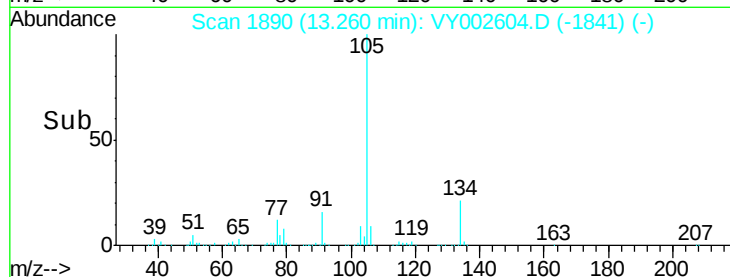
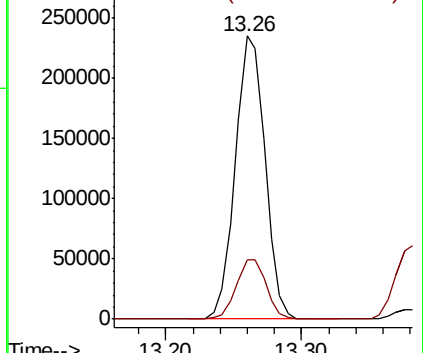
105 100

134 21.3 10.8 32.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.985 ug/l

RT: 13.38 min Scan# 1910

Delta R.T. 0.01 min

Lab File: VY002604.D

Acq: 06 May 2020 11:00

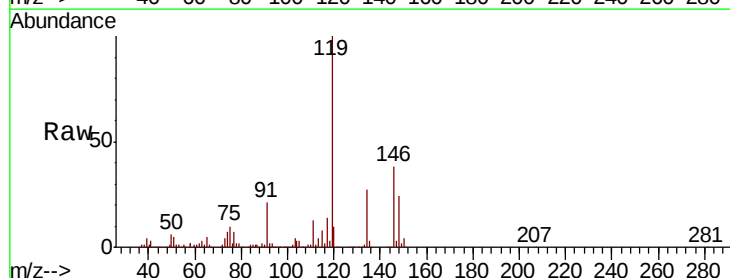
Tgt Ion:119 Resp: 330514

Ion Ratio Lower Upper

119 100

134 27.2 13.5 40.5

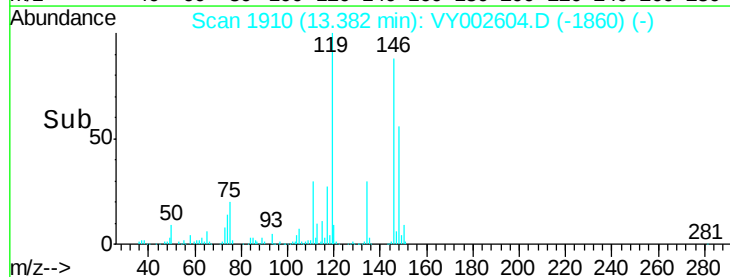
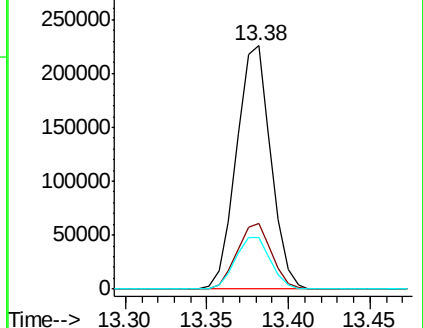
91 21.9 10.9 32.9



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

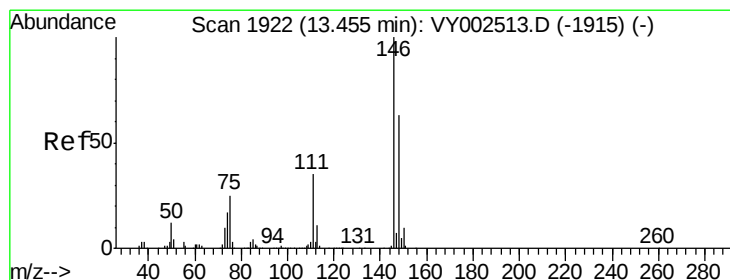
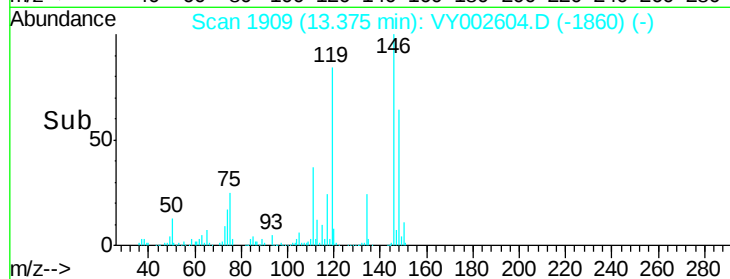
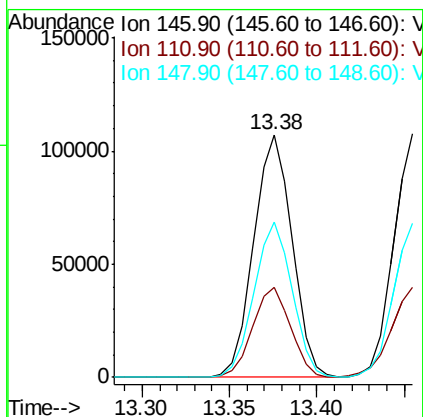
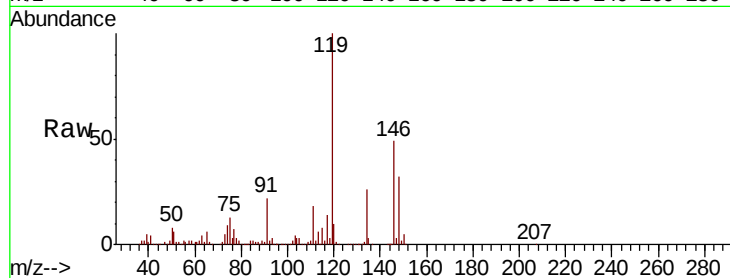




#87
 1,3-Dichlorobenzene
 Concen: 19.780 ug/l
 RT: 13.38 min Scan# 1909
 Delta R.T. -0.00 min
 Lab File: VY002604.D
 Acq: 06 May 2020 11:00

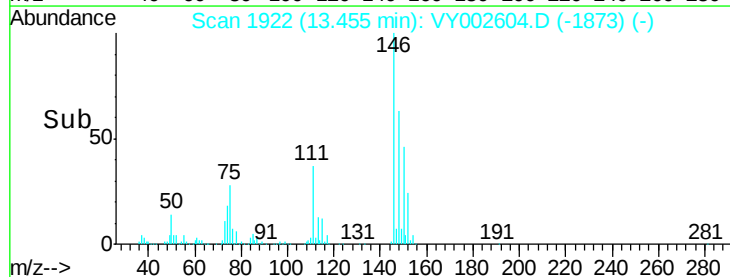
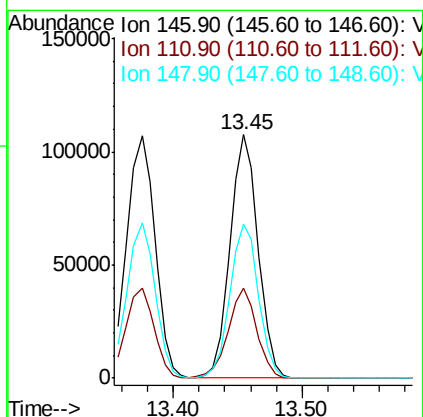
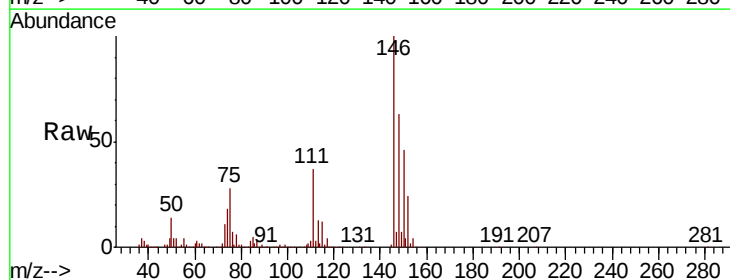
Instrument :
 MSVOA_Y
 ClientSampleId :

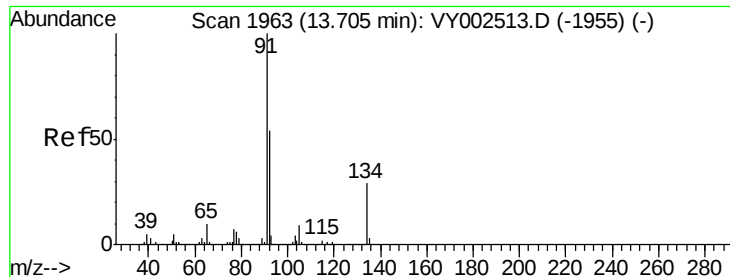
Tot Ion	Ratio	Lower	Upper
146	100		
111	36.9	18.8	56.3
148	63.5	32.1	96.3



#88
 1,4-Dichlorobenzene
 Concen: 19.882 ug/l
 RT: 13.45 min Scan# 1922
 Delta R.T. -0.00 min
 Lab File: VY002604.D
 Acq: 06 May 2020 11:00

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.0	18.1	54.1
148	64.7	31.9	95.5





#89

n-Butylbenzene

Concen: 20.311 ug/l

RT: 13.70 min Scan# 1963

Delta R.T. 0.00 min

Lab File: VY002604.D

Acq: 06 May 2020 11:00

Instrument :

MSVOA_Y

ClientSampled :

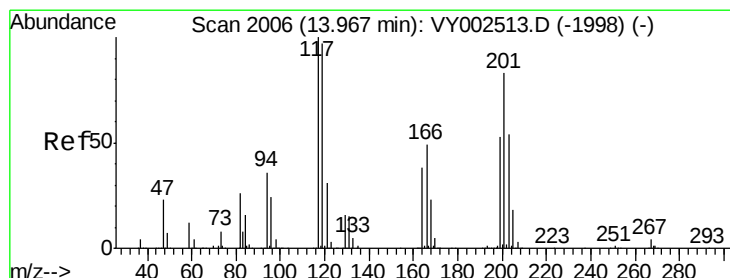
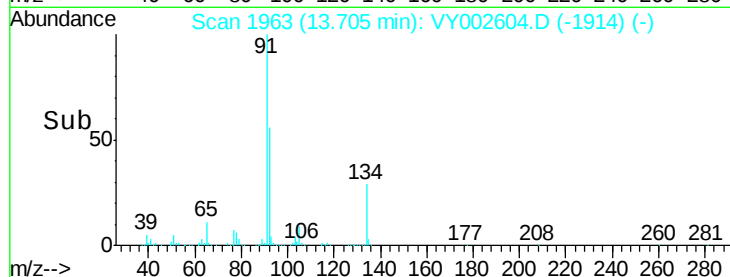
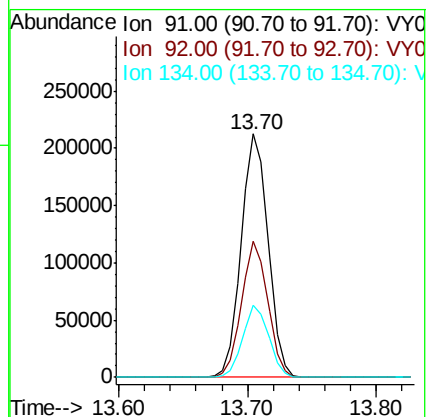
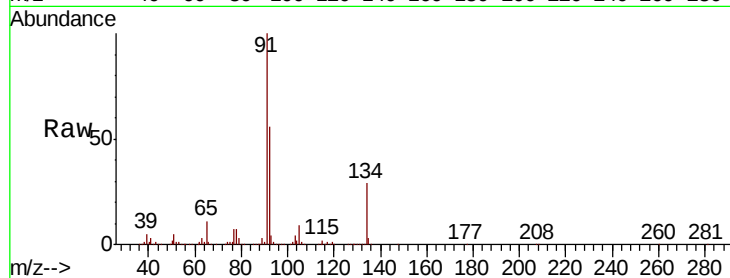
Tot Ion: 91 Resp: 305786

Ion Ratio Lower Upper

91 100

92 54.4 27.1 81.3

134 28.6 14.4 43.0



#90

Hexachloroethane

Concen: 20.244 ug/l

RT: 13.97 min Scan# 2007

Delta R.T. 0.01 min

Lab File: VY002604.D

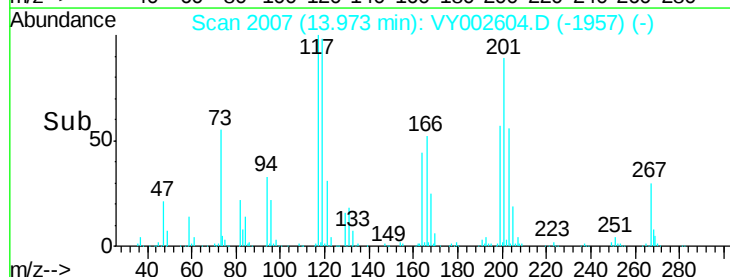
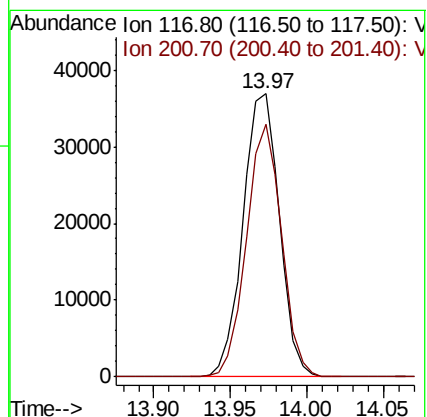
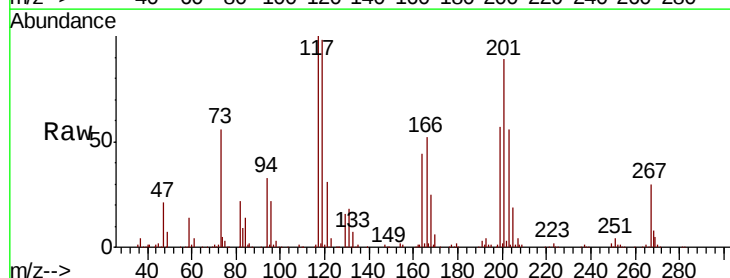
Acq: 06 May 2020 11:00

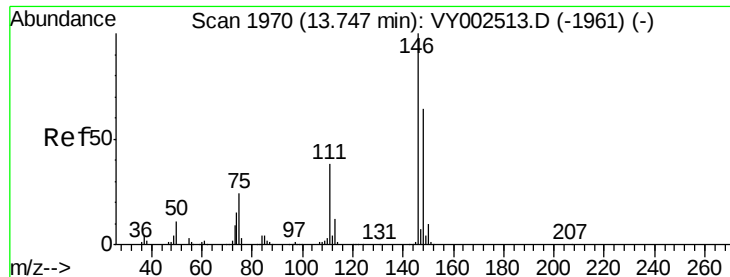
Tgt Ion: 117 Resp: 60970

Ion Ratio Lower Upper

117 100

201 85.9 44.4 133.2

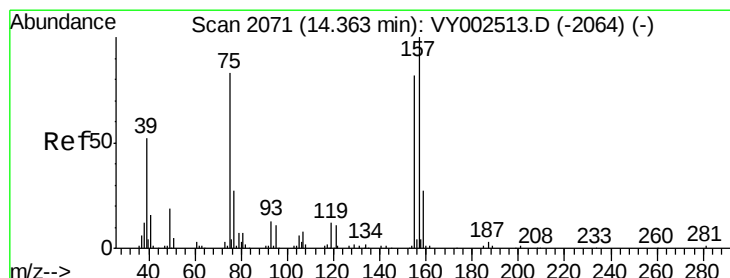
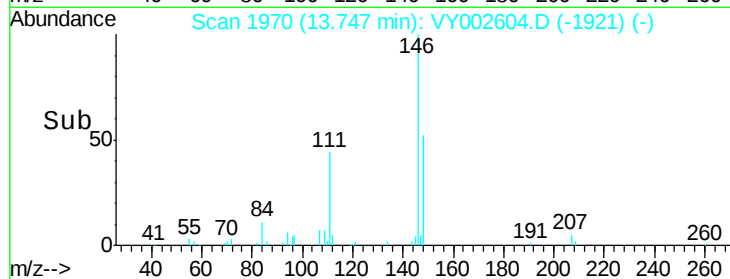
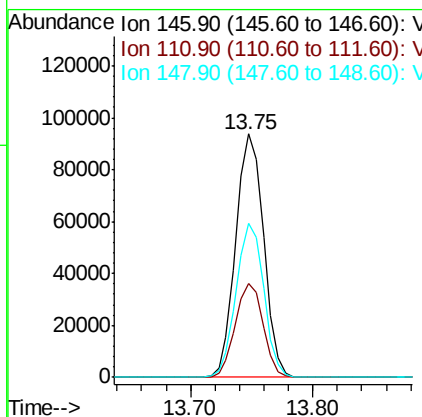
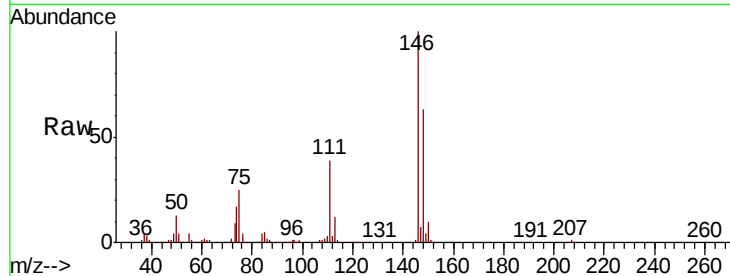




#91
 1,2-Dichlorobenzene
 Concen: 20.002 ug/l
 RT: 13.75 min Scan# 1970
 Delta R.T. -0.00 min
 Lab File: VY002604.D
 Acq: 06 May 2020 11:00

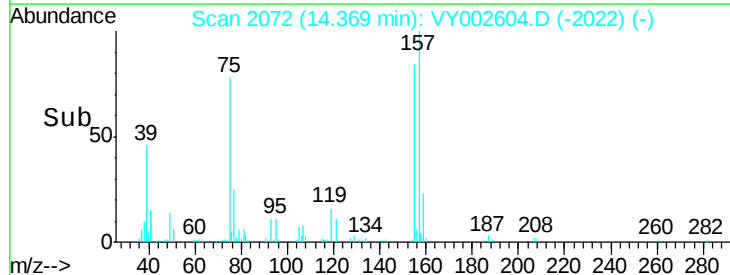
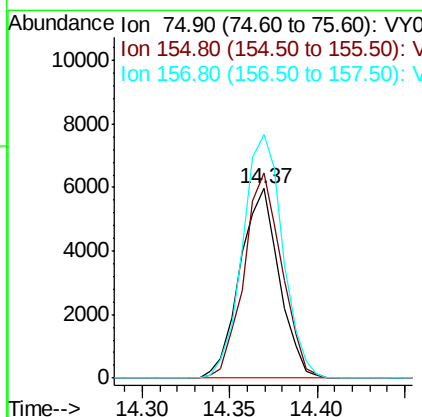
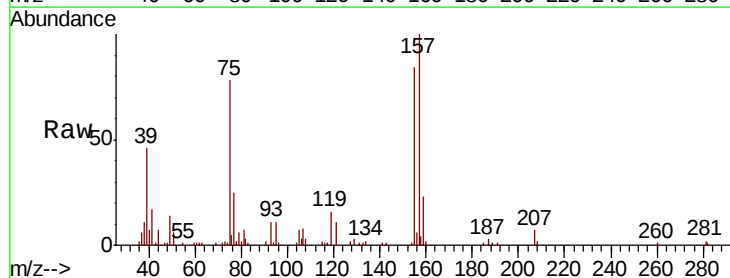
Instrument :
 MSVOA_Y
 ClientSampleId :

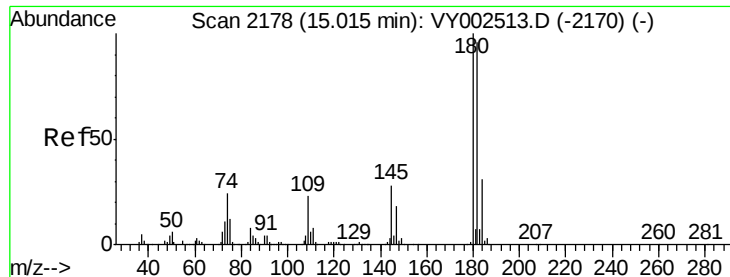
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.5	19.1	57.5
148	62.9	31.9	95.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.914 ug/l
 RT: 14.37 min Scan# 2072
 Delta R.T. 0.01 min
 Lab File: VY002604.D
 Acq: 06 May 2020 11:00

Tgt Ion	Ratio	Lower	Upper
75	100		
155	104.3	51.3	153.9
157	131.3	65.0	195.0

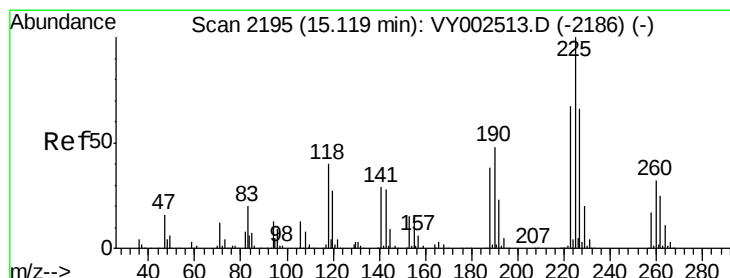
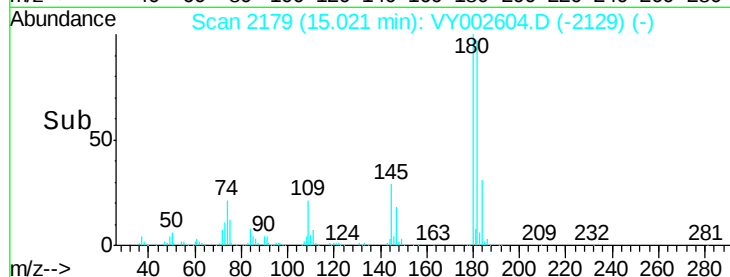
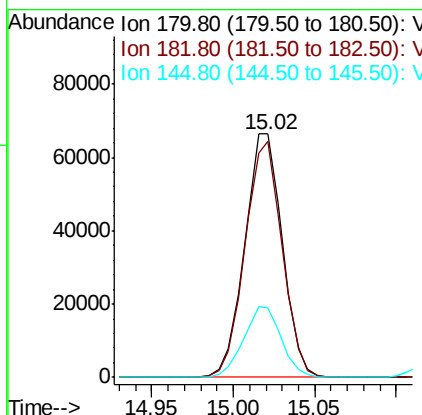
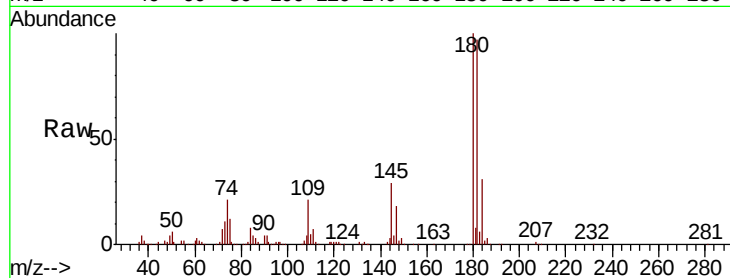




#93
 1,2,4-Trichlorobenzene
 Concen: 19.910 ug/l
 RT: 15.02 min Scan# 2179
 Delta R.T. 0.01 min
 Lab File: VY002604.D
 Acq: 06 May 2020 11:00

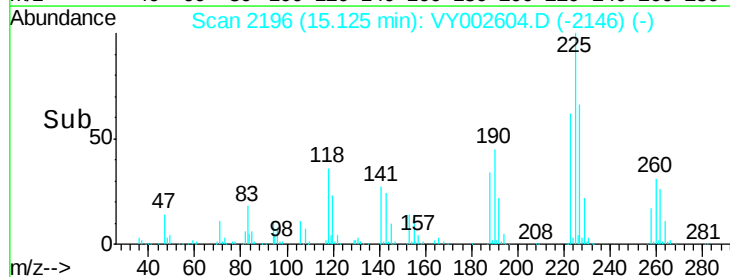
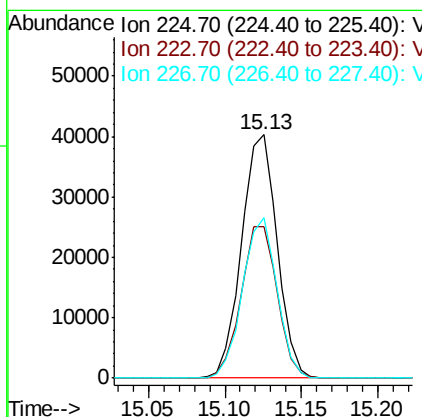
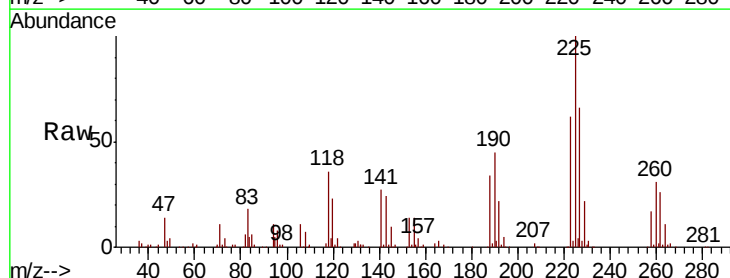
Instrument :
 MSVOA_Y
 ClientSampleId :

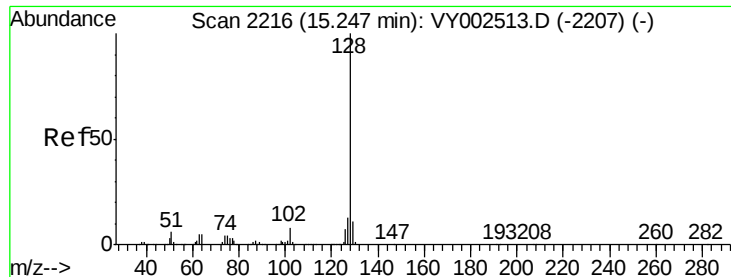
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.3	47.9	143.6
145	29.1	14.4	43.0



#94
 Hexachlorobutadiene
 Concen: 20.220 ug/l
 RT: 15.13 min Scan# 2196
 Delta R.T. 0.01 min
 Lab File: VY002604.D
 Acq: 06 May 2020 11:00

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.5	32.1	96.5
227	63.9	32.0	96.2

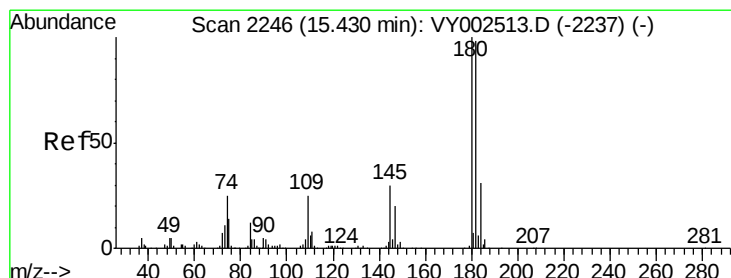
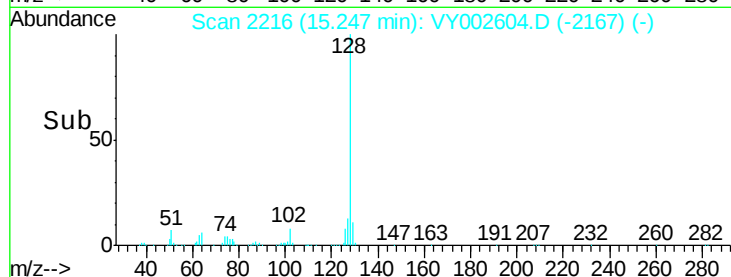
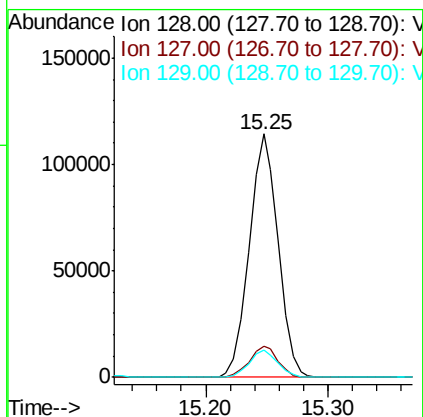
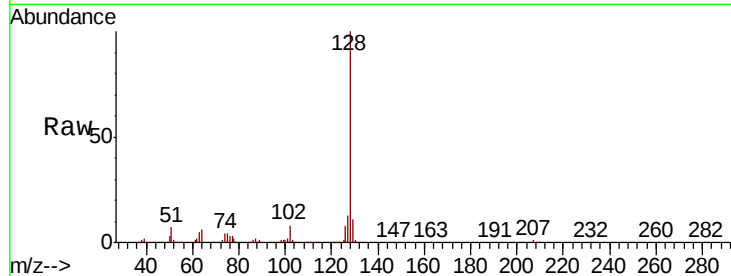




#95
Naphthalene
Concen: 19.108 ug/l
RT: 15.25 min Scan# 2216
Delta R.T. 0.00 min
Lab File: VY002604.D
Acq: 06 May 2020 11:00

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:128 Resp: 186870
Ion Ratio Lower Upper
128 100
127 12.8 10.5 15.7
129 11.1 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 19.945 ug/l
RT: 15.44 min Scan# 2247
Delta R.T. 0.01 min
Lab File: VY002604.D
Acq: 06 May 2020 11:00

Tgt Ion:180 Resp: 90771
Ion Ratio Lower Upper
180 100
182 94.4 47.9 143.8
145 30.4 15.0 45.1

