

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY050620\
 Data File : VY002608.D
 Acq On : 06 May 2020 12:25
 Operator : SY/MD
 Sample : L2182-02 5PPBL00
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 06 12:58:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 12:51:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	365894	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	546820	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	487050	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	255591	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.16	65	155430	50.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.04%	
35) Dibromofluoromethane	7.74	113	165915	53.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.10%	
50) Toluene-d8	10.19	98	656725	53.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.54%	
62) 4-Bromofluorobenzene	12.49	95	220689	53.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.52%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.91	85	14403	5.183	ug/l 96
3) Chloromethane	2.13	50	17186	5.797	ug/l 97
4) Vinyl Chloride	2.26	62	19295	5.637	ug/l 97
5) Bromomethane	2.66	94	14177	6.006	ug/l 99
6) Chloroethane	2.81	64	11561	5.656	ug/l 98
7) Trichlorofluoromethane	3.14	101	28924	5.452	ug/l 100
8) Diethyl Ether	3.55	74	9874	5.539	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	3.93	101	18165	5.602	ug/l 99
10) Methyl Iodide	4.11	142	22178	5.021	ug/l 98
11) Tert butyl alcohol	4.98	59	8068	25.490	ug/l # 85
12) 1,1-Dichloroethene	3.90	96	17768	5.641	ug/l 94
13) Acrolein	3.75	56	4362	19.929	ug/l 98
14) Allyl chloride	4.51	41	25793	5.620	ug/l 99
15) Acrylonitrile	5.20	53	22263	26.481	ug/l 98
16) Acetone	3.97	43	16182	25.487	ug/l 94
17) Carbon Disulfide	4.22	76	52962	5.589	ug/l 99
18) Methyl Acetate	4.51	43	13503	6.365	ug/l 97
19) Methyl tert-butyl Ether	5.25	73	43606	5.306	ug/l 97
20) Methylene Chloride	4.74	84	20981	5.909	ug/l 96
21) trans-1,2-Dichloroethene	5.25	96	19915	5.785	ug/l 97
22) Diisopropyl ether	6.15	45	53716	5.785	ug/l 98
23) Vinyl Acetate	6.09	43	146908	25.156	ug/l 99
24) 1,1-Dichloroethane	6.05	63	31402	5.716	ug/l 99
25) 2-Butanone	7.02	43	27105	26.079	ug/l 94
26) 2,2-Dichloropropane	7.00	77	29363	5.623	ug/l 99
27) cis-1,2-Dichloroethene	7.01	96	21668	5.688	ug/l 99
28) Bromochloromethane	7.36	49	11936	5.303	ug/l 99
29) Tetrahydrofuran	7.37	42	18255	26.547	ug/l 99
30) Chloroform	7.53	83	32272	5.650	ug/l 93
31) Cyclohexane	7.81	56	34674	6.271	ug/l # 85
32) 1,1,1-Trichloroethane	7.72	97	29283	5.516	ug/l 99
36) 1,1-Dichloropropene	7.94	75	26522	5.786	ug/l 99
37) Ethyl Acetate	7.10	43	12688	5.386	ug/l 99
38) Carbon Tetrachloride	7.92	117	26767	5.348	ug/l 97

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	33158	5.476	ug/l	97
40) Benzene	8.18	78	75600	5.710	ug/l	99
41) Methacrylonitrile	7.36	41	16630	13.130	ug/l #	43
42) 1,2-Dichloroethane	8.25	62	19445	5.236	ug/l	97
43) Isopropyl Acetate	8.29	43	22476	5.090	ug/l	98
44) Trichloroethene	8.96	130	24147	5.836	ug/l	97
45) 1,2-Dichloropropane	9.23	63	17986	5.629	ug/l	99
46) Dibromomethane	9.32	93	9791	5.326	ug/l	99
47) Bromodichloromethane	9.51	83	24293	5.434	ug/l	95
48) Methyl methacrylate	9.31	41	10170	5.089	ug/l	96
49) 1,4-Dioxane	9.31	88	2498	102.621	ug/l #	85
51) 4-Methyl-2-Pentanone	10.08	43	58524	25.711	ug/l	99
52) Toluene	10.25	92	48950	5.753	ug/l	97
53) t-1,3-Dichloropropene	10.48	75	24215	5.170	ug/l	97
54) cis-1,3-Dichloropropene	9.94	75	29509	5.450	ug/l	99
55) 1,1,2-Trichloroethane	10.66	97	14784	5.514	ug/l	96
56) Ethyl methacrylate	10.52	69	18377	5.153	ug/l	99
57) 1,3-Dichloropropane	10.80	76	24761	5.446	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.80	63	48554	25.815	ug/l	99
59) 2-Hexanone	10.84	43	39288	25.077	ug/l	100
60) Dibromochloromethane	10.99	129	17785	5.216	ug/l	99
61) 1,2-Dibromoethane	11.10	107	13997	5.273	ug/l	99
64) Tetrachloroethene	10.73	164	26451	6.112	ug/l	94
65) Chlorobenzene	11.53	112	53157	5.741	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.60	131	18559	5.400	ug/l	96
67) Ethyl Benzene	11.60	91	93713	5.762	ug/l	97
68) m/p-Xylenes	11.71	106	72608	11.538	ug/l	99
69) o-Xylene	12.03	106	33872	5.749	ug/l	99
70) Styrene	12.05	104	55306	5.491	ug/l	100
71) Bromoform	12.22	173	11153	5.228	ug/l #	99
73) Isopropylbenzene	12.34	105	92014	5.555	ug/l	100
74) N-amyl acetate	12.15	43	20664	5.186	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.59	83	13233	5.023	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	20800	9.158	ug/l #	100
77) Bromobenzene	12.62	156	22814	5.513	ug/l	99
78) n-propylbenzene	12.68	91	107575	5.596	ug/l	99
79) 2-Chlorotoluene	12.77	91	60014	5.636	ug/l	100
80) 1,3,5-Trimethylbenzene	12.82	105	74616	5.434	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.39	75	5765	5.089	ug/l	99
82) 4-Chlorotoluene	12.86	91	63077	5.639	ug/l	100
83) tert-Butylbenzene	13.08	119	68475	5.687	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	75191	5.495	ug/l	99
85) sec-Butylbenzene	13.26	105	94060	5.630	ug/l	100
86) p-Isopropyltoluene	13.38	119	87107	5.565	ug/l	99
87) 1,3-Dichlorobenzene	13.38	146	44124	5.633	ug/l	100
88) 1,4-Dichlorobenzene	13.45	146	44834	5.780	ug/l	97
89) n-Butylbenzene	13.70	91	81793	5.740	ug/l	99
90) Hexachloroethane	13.97	117	16056	5.632	ug/l	96
91) 1,2-Dichlorobenzene	13.75	146	38556	5.516	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.37	75	2528	5.148	ug/l	99

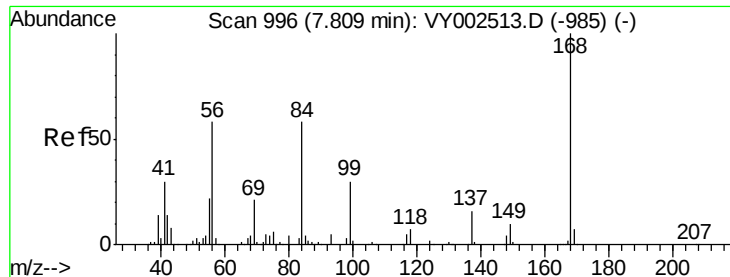
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	27888	5.496	ug/l	98
94) Hexachlorobutadiene	15.12	225	17443	5.727	ug/l	98
95) Naphthalene	15.25	128	49370	5.333	ug/l	100
96) 1,2,3-Trichlorobenzene	15.44	180	24918	5.785	ug/l	96

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.00 min

Lab File: VY002608.D

Acq: 06 May 2020 12:25

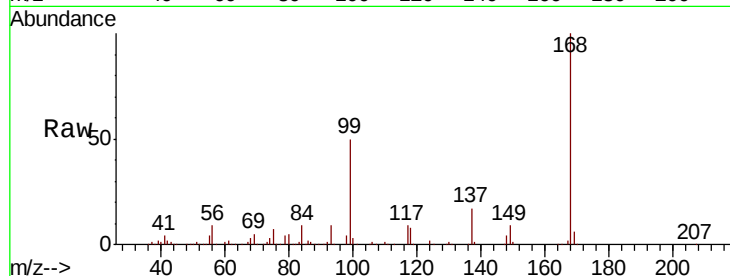
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:168 Resp: 365894

Ion Ratio Lower Upper

168 100

99 49.8 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY002513.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY002513.D (-985) (-)

7.81

150000

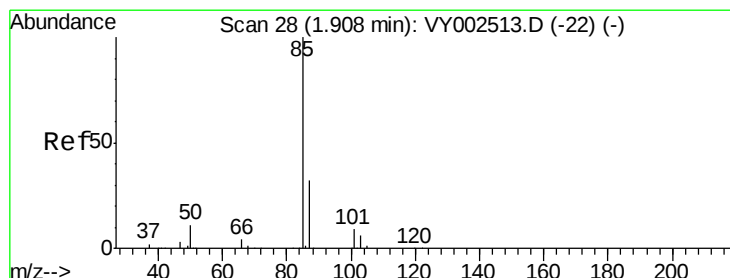
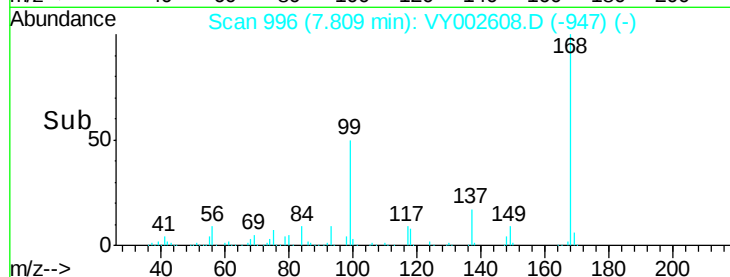
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 5.183 ug/l

RT: 1.91 min Scan# 29

Delta R.T. 0.01 min

Lab File: VY002608.D

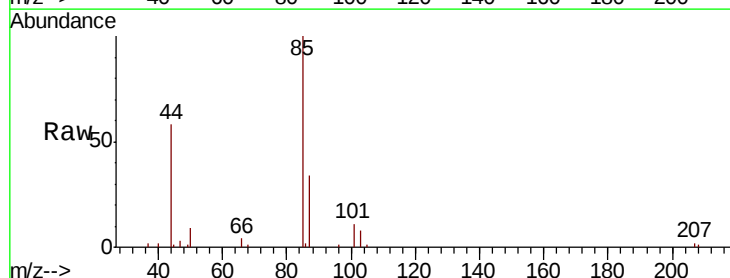
Acq: 06 May 2020 12:25

Tgt Ion: 85 Resp: 14403

Ion Ratio Lower Upper

85 100

87 34.0 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VY002513.D (-22) (-)

Ion 86.90 (86.60 to 87.60): VY002513.D (-22) (-)

1.91

12000

10000

8000

6000

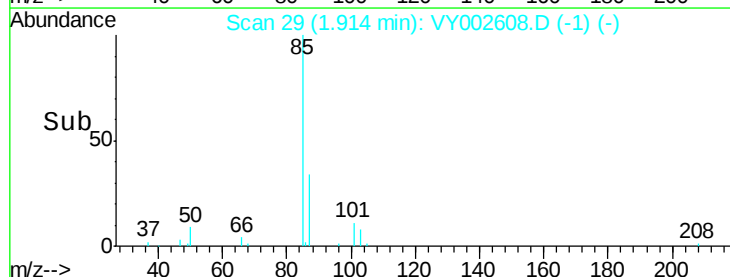
4000

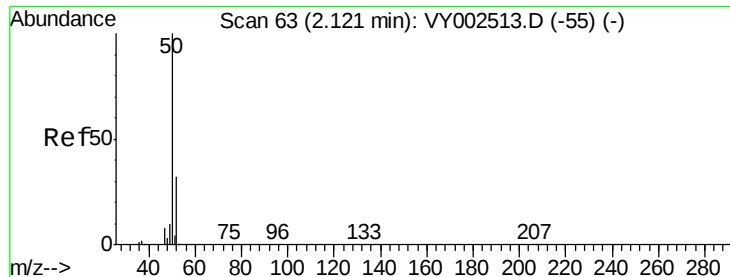
2000

0

1.85 1.90 1.95 2.00

Time-->

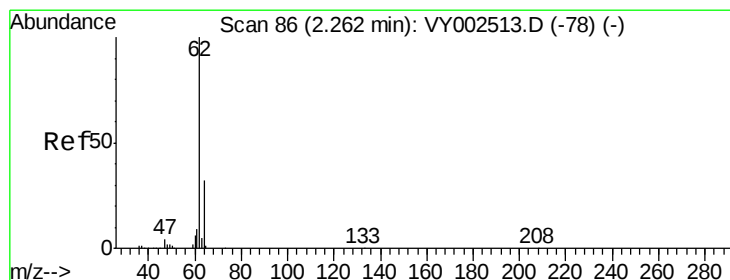
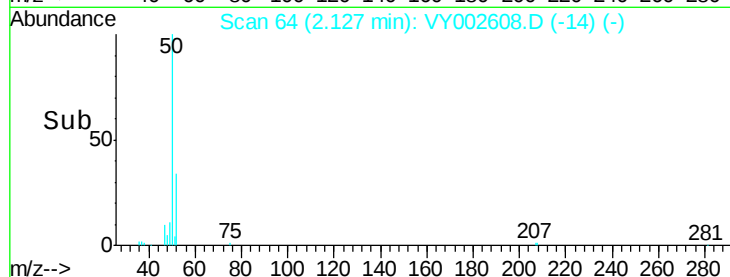
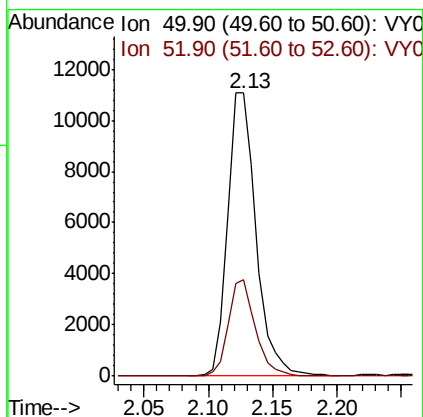
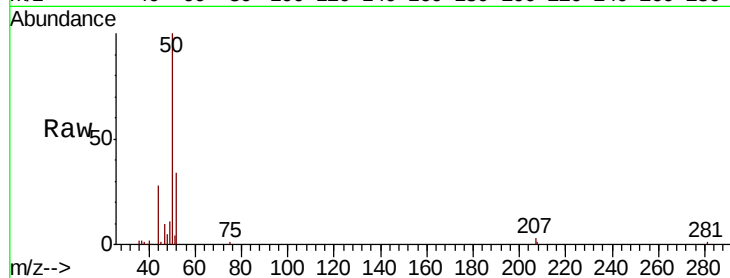




#3
Chloromethane
Concen: 5.797 ug/l
RT: 2.13 min Scan# 64
Delta R.T. 0.01 min
Lab File: VY002608.D
Acq: 06 May 2020 12:25

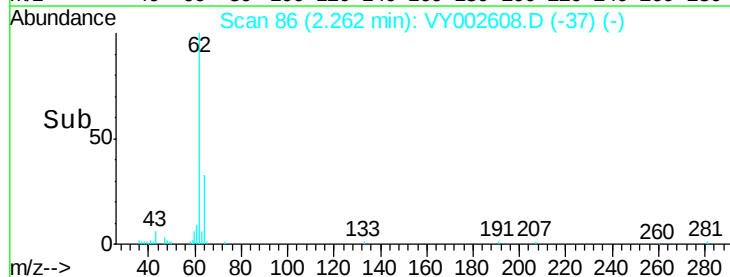
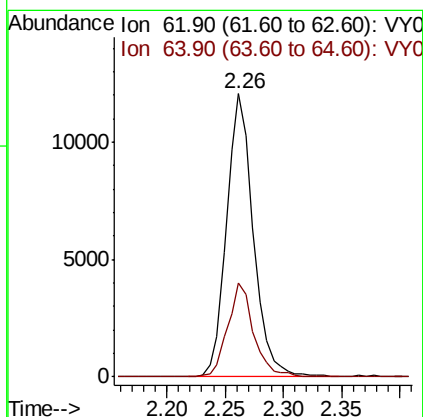
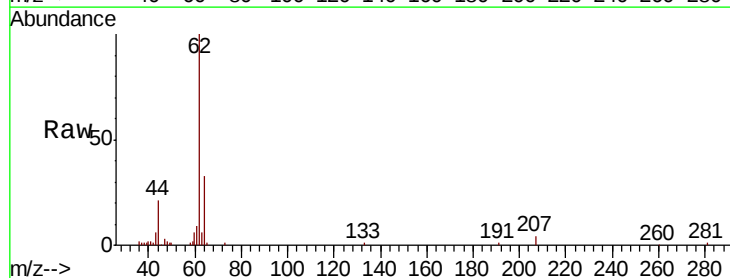
Instrument :
MSVOA_Y
ClientSampleId :

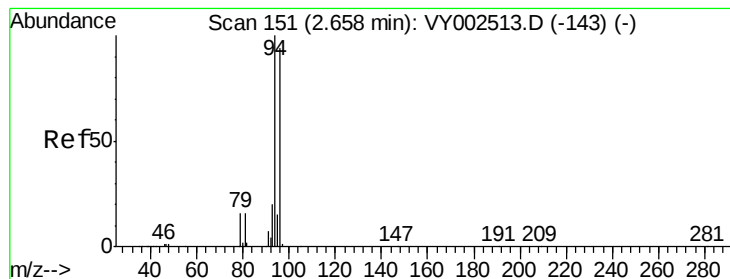
Tot Ion: 50 Resp: 17186
Ion Ratio Lower Upper
50 100
52 34.2 25.9 38.9



#4
Vinyl Chloride
Concen: 5.637 ug/l
RT: 2.26 min Scan# 86
Delta R.T. -0.00 min
Lab File: VY002608.D
Acq: 06 May 2020 12:25

Tgt Ion: 62 Resp: 19295
Ion Ratio Lower Upper
62 100
64 33.2 25.3 37.9





#5

Bromomethane

Concen: 6.006 ug/l

RT: 2.66 min Scan# 152

Delta R.T. 0.01 min

Lab File: VY002608.D

Acq: 06 May 2020 12:25

Instrument :

MSVOA_Y

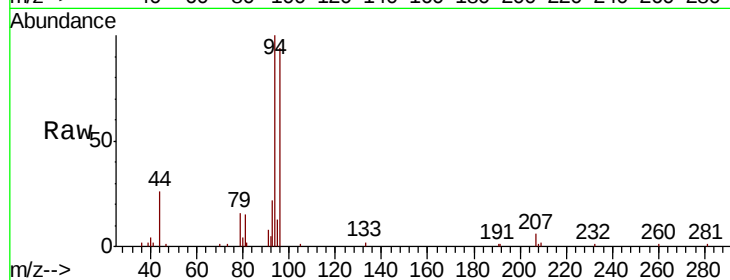
ClientSampleId :

Tot Ion: 94 Resp: 14177

Ion Ratio Lower Upper

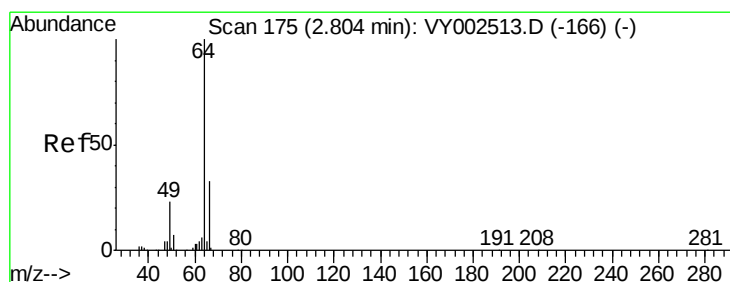
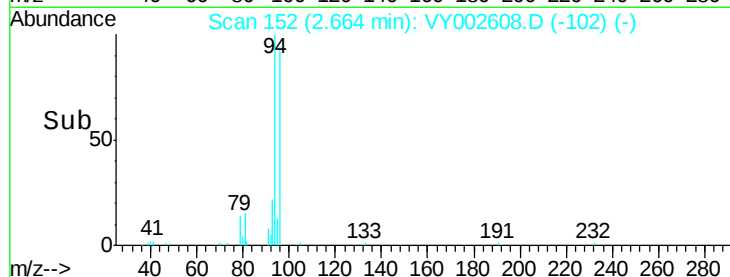
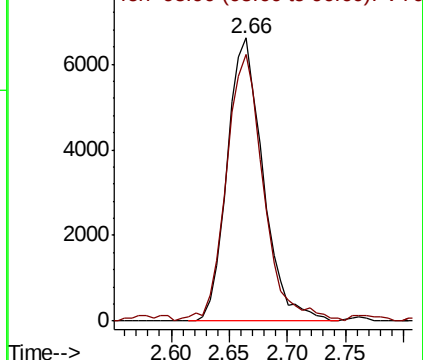
94 100

96 92.9 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: 5.656 ug/l

RT: 2.81 min Scan# 176

Delta R.T. 0.01 min

Lab File: VY002608.D

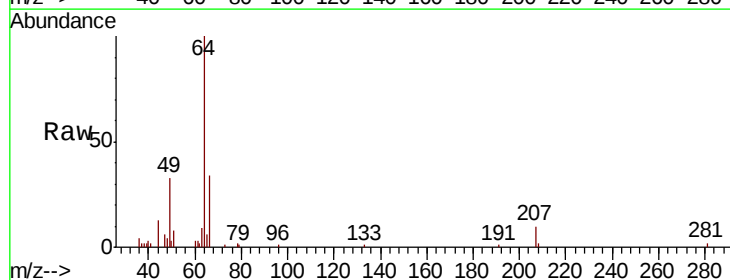
Acq: 06 May 2020 12:25

Tgt Ion: 64 Resp: 11561

Ion Ratio Lower Upper

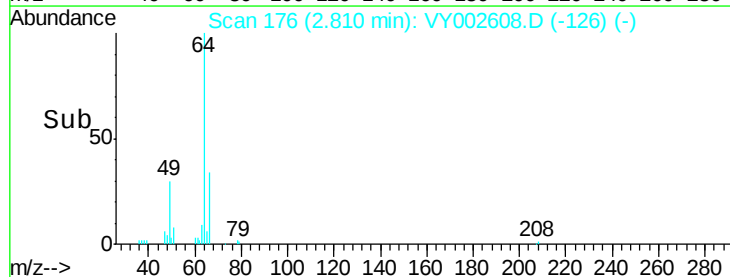
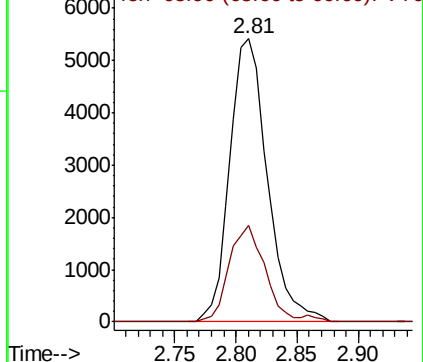
64 100

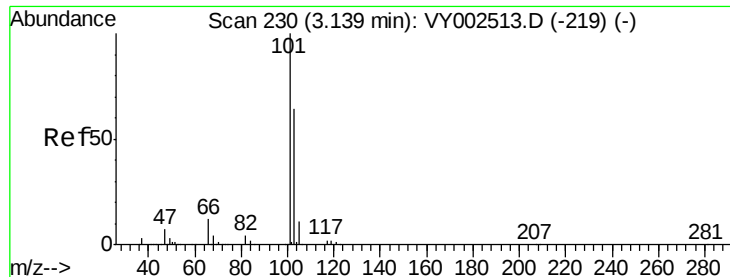
66 33.9 26.3 39.5



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



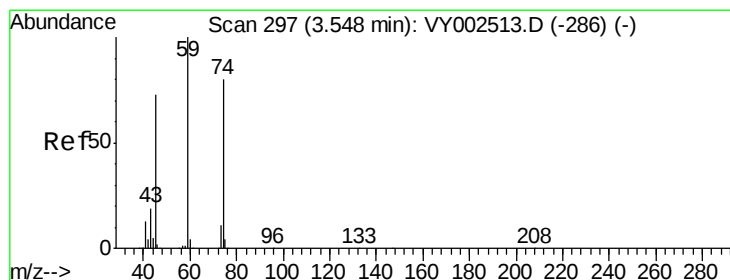
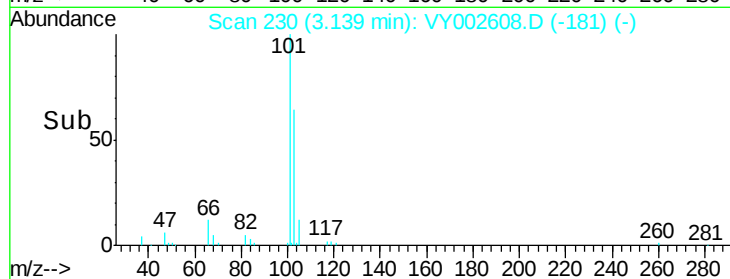
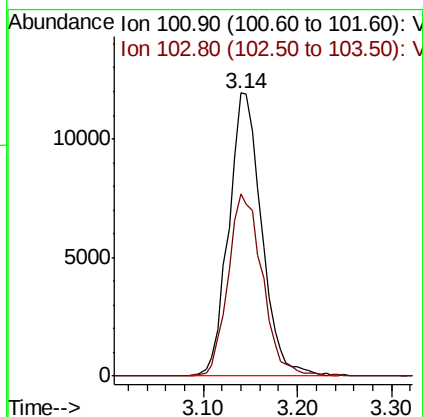
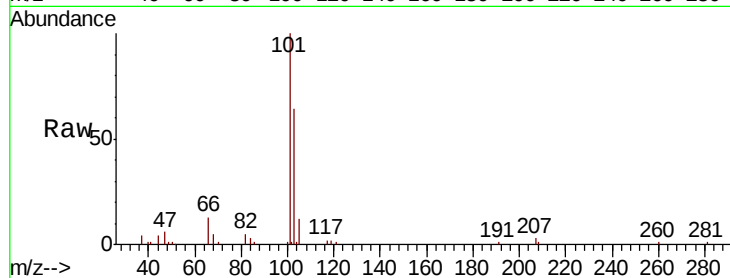


#7

Trichlorofluoromethane
Concen: 5.452 ug/l
RT: 3.14 min Scan# 230
Delta R.T. -0.00 min
Lab File: VY002608.D
Acq: 06 May 2020 12:25

Instrument :
MSVOA_Y
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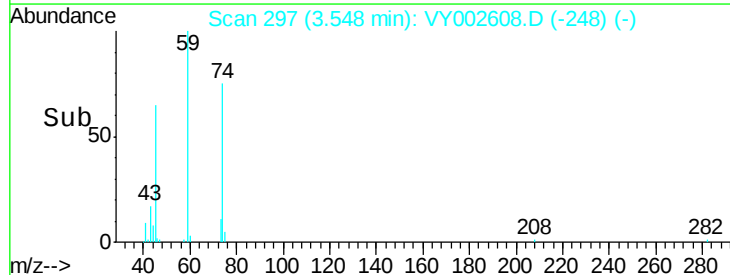
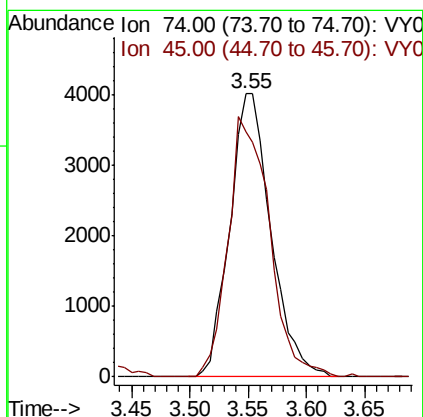
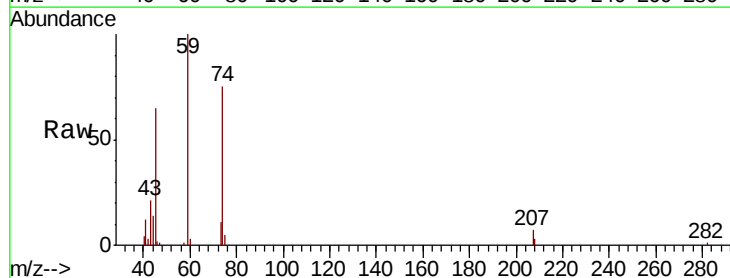
Tot Ion:101 Resp: 28924
Ion Ratio Lower Upper
101 100
103 64.5 51.4 77.0

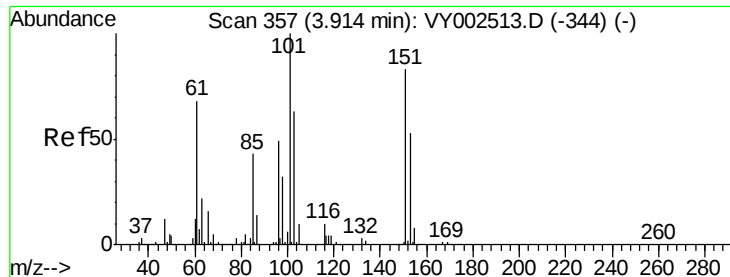


#8

Diethyl Ether
Concen: 5.539 ug/l
RT: 3.55 min Scan# 297
Delta R.T. -0.00 min
Lab File: VY002608.D
Acq: 06 May 2020 12:25

Tgt Ion: 74 Resp: 9874
Ion Ratio Lower Upper
74 100
45 92.3 46.2 138.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.602 ug/l

RT: 3.93 min Scan# 359

Delta R.T. 0.01 min

Lab File: VY002608.D

Acq: 06 May 2020 12:25

Instrument :

MSVOA_Y

ClientSampleId :

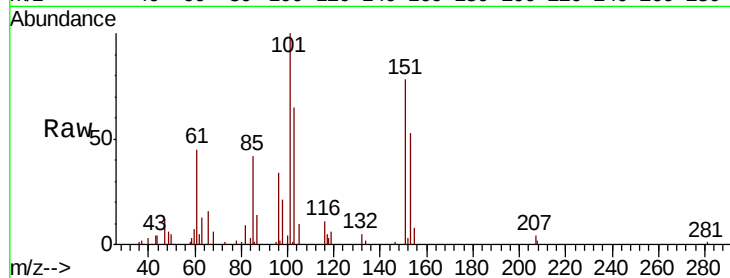
Tot Ion:101 Resp: 18165

Ion Ratio Lower Upper

101 100

85 41.9 33.4 50.2

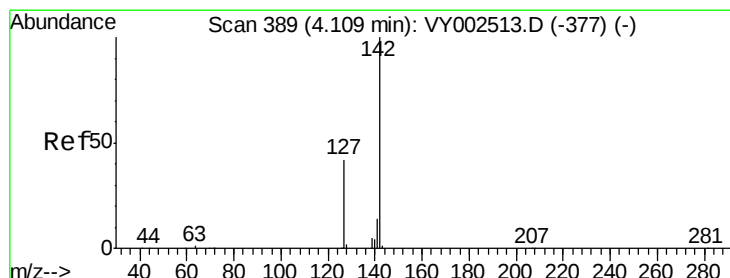
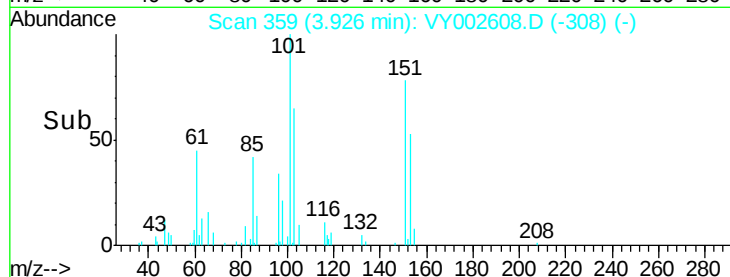
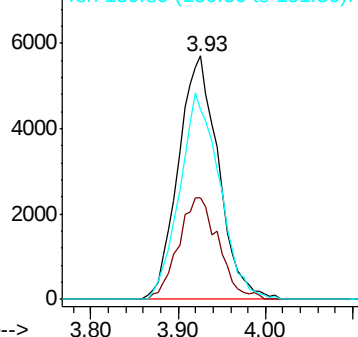
151 84.4 66.8 100.2



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: 5.021 ug/l

RT: 4.11 min Scan# 390

Delta R.T. 0.01 min

Lab File: VY002608.D

Acq: 06 May 2020 12:25

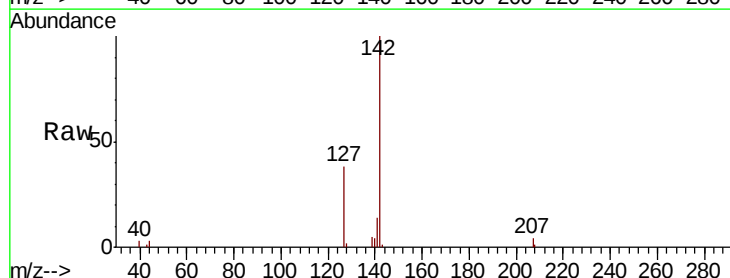
Tgt Ion:142 Resp: 22178

Ion Ratio Lower Upper

142 100

127 40.8 33.7 50.5

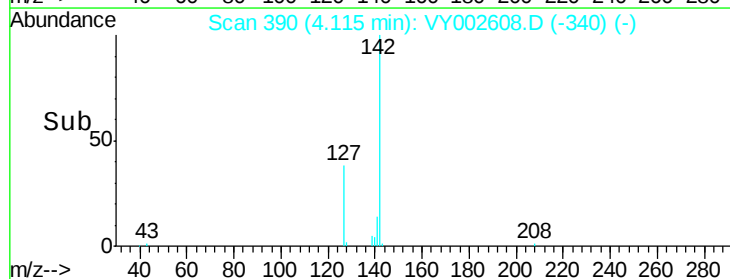
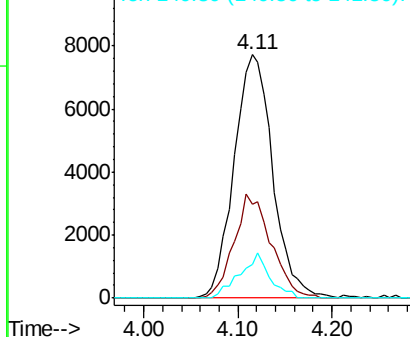
141 14.1 11.4 17.0



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



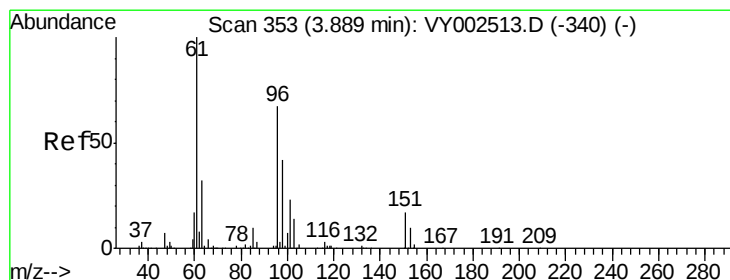
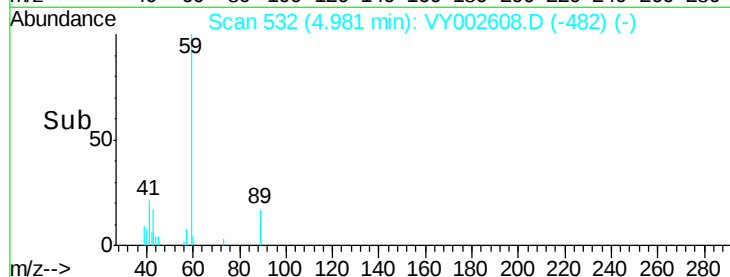
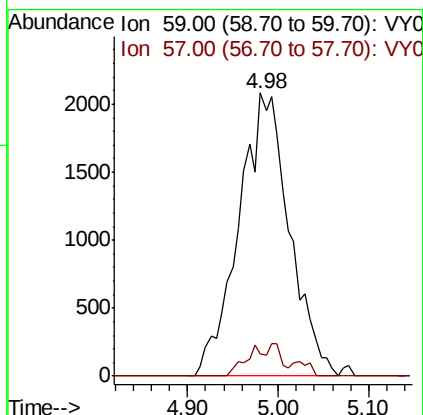
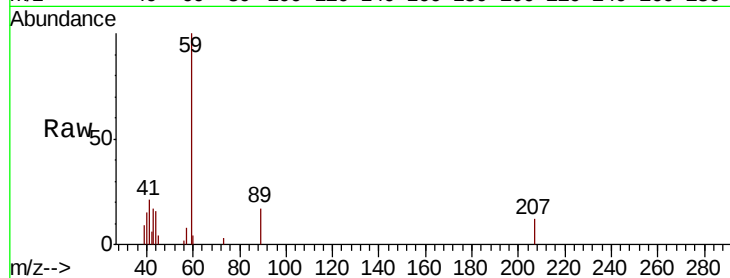


#11

Tert butyl alcohol
 Concen: 25.490 ug/l
 RT: 4.98 min Scan# 532
 Delta R.T. 0.01 min
 Lab File: VY002608.D
 Acq: 06 May 2020 12:25

Instrument :
 MSVOA_Y
 ClientSampleId :

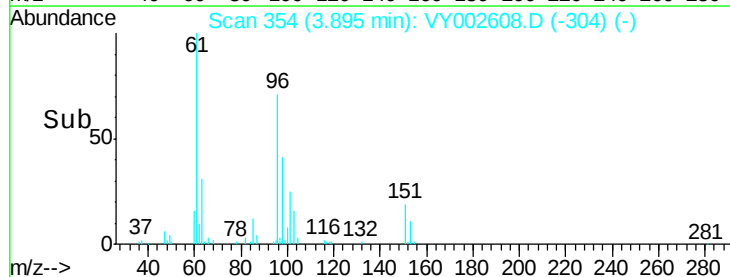
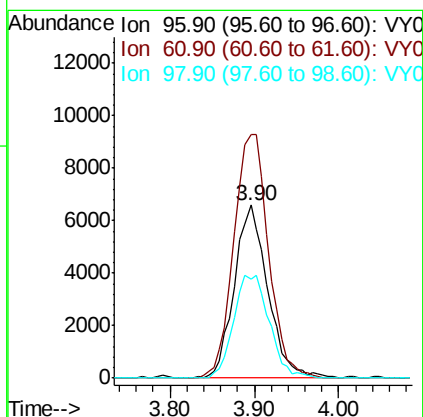
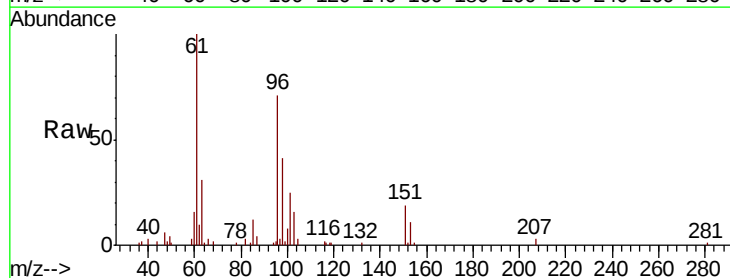
Tot Ion: 59 Resp: 8068
 Ion Ratio Lower Upper
 59 100
 57 4.3 7.8 11.6#

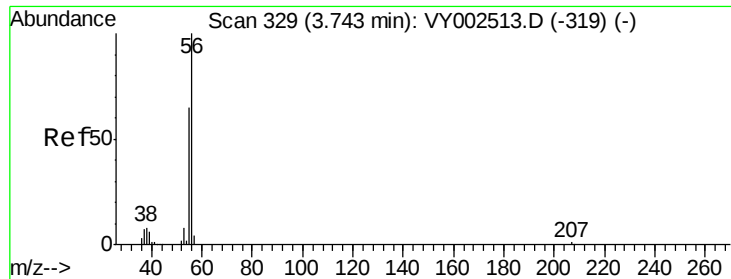


#12

1,1-Dichloroethene
 Concen: 5.641 ug/l
 RT: 3.90 min Scan# 354
 Delta R.T. 0.01 min
 Lab File: VY002608.D
 Acq: 06 May 2020 12:25

Tgt Ion: 96 Resp: 17768
 Ion Ratio Lower Upper
 96 100
 61 140.6 118.8 178.2
 98 57.3 49.6 74.4





#13

Acrolein

Concen: 19.929 ug/l

RT: 3.75 min Scan# 330

Delta R.T. 0.01 min

Lab File: VY002608.D

Acq: 06 May 2020 12:25

Instrument :

MSVOA_Y

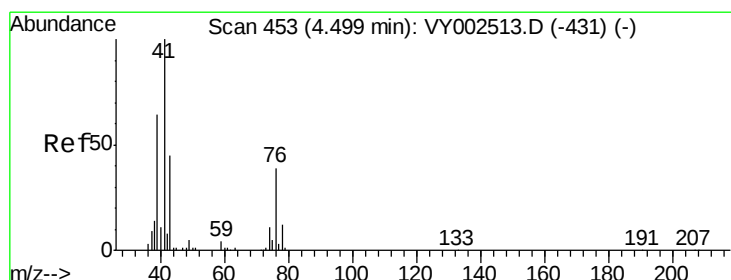
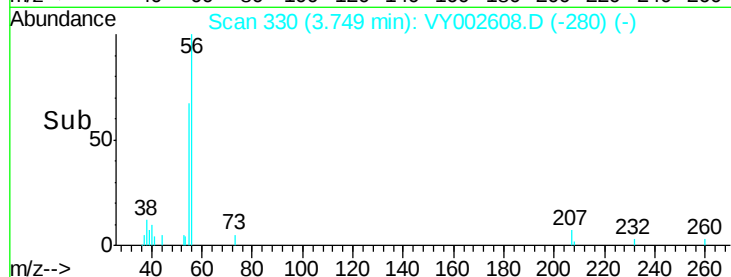
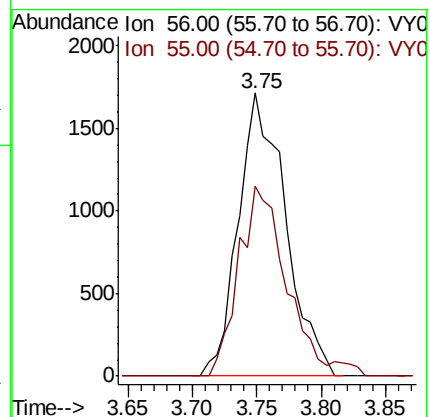
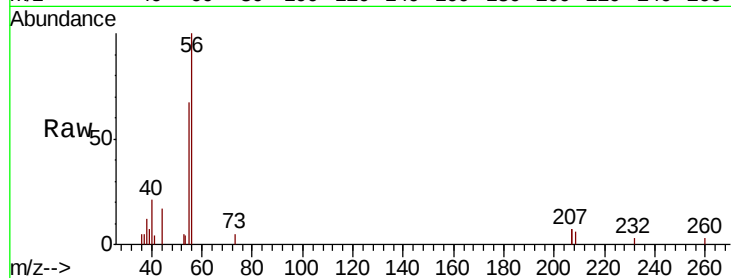
ClientSampleId :

Tot Ion: 56 Resp: 4362

Ion Ratio Lower Upper

56 100

55 69.0 53.8 80.6



#14

Allyl chloride

Concen: 5.620 ug/l

RT: 4.51 min Scan# 455

Delta R.T. 0.01 min

Lab File: VY002608.D

Acq: 06 May 2020 12:25

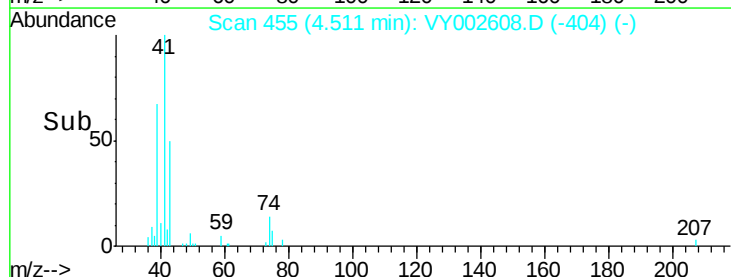
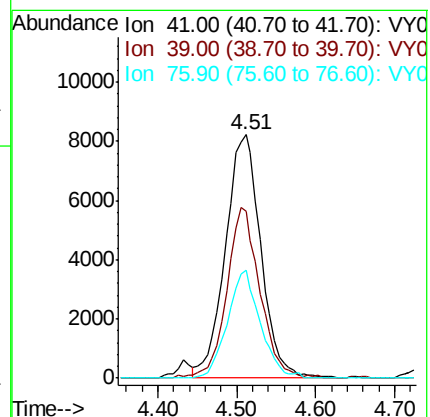
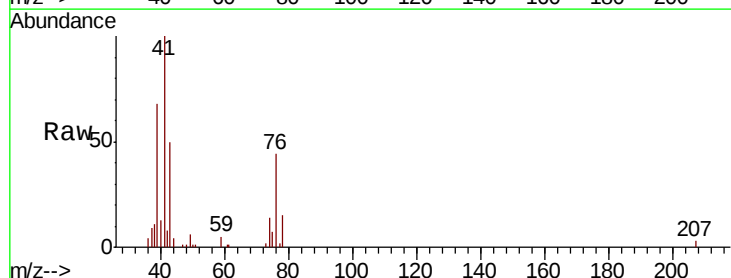
Tgt Ion: 41 Resp: 25793

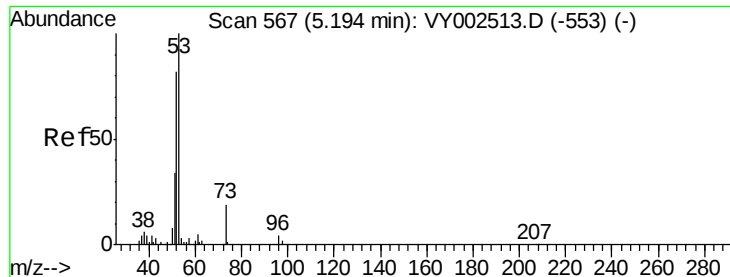
Ion Ratio Lower Upper

41 100

39 65.0 51.8 77.6

76 40.6 31.7 47.5





#15

Acrylonitrile

Concen: 26.481 ug/l

RT: 5.20 min Scan# 568

Delta R.T. 0.01 min

Lab File: VY002608.D

Acq: 06 May 2020 12:25

Instrument :

MSVOA_Y

ClientSampleId :

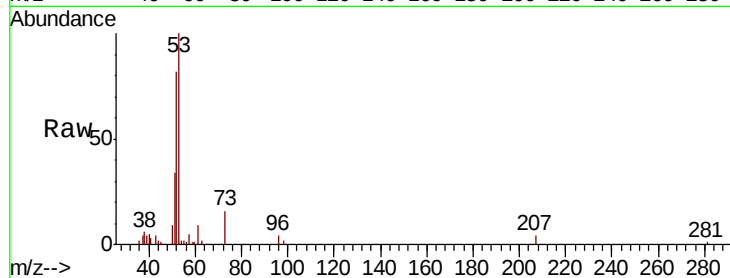
Tot Ion: 53 Resp: 22263

Ion Ratio Lower Upper

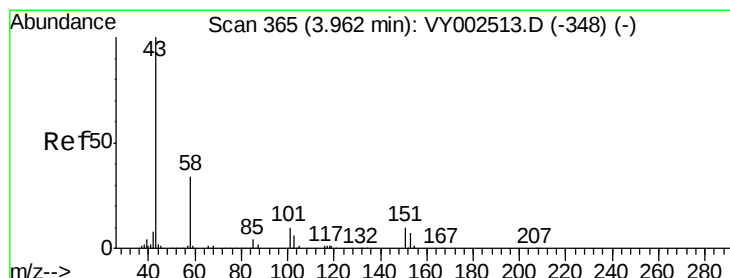
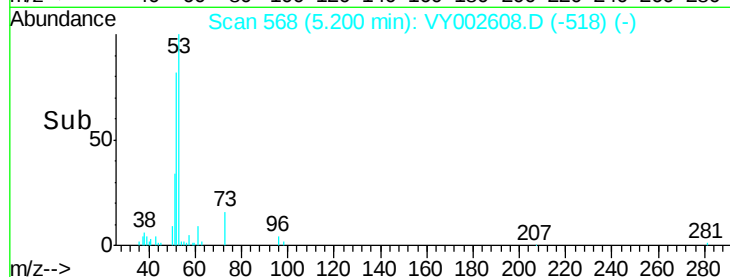
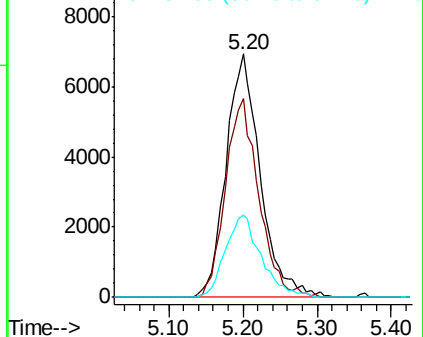
53 100

52 79.8 65.4 98.0

51 35.4 28.7 43.1



Abundance Ion 53.00 (52.70 to 53.70): VY0
Ion 52.00 (51.70 to 52.70): VY0
Ion 51.00 (50.70 to 51.70): VY0



#16

Acetone

Concen: 25.487 ug/l

RT: 3.97 min Scan# 367

Delta R.T. 0.01 min

Lab File: VY002608.D

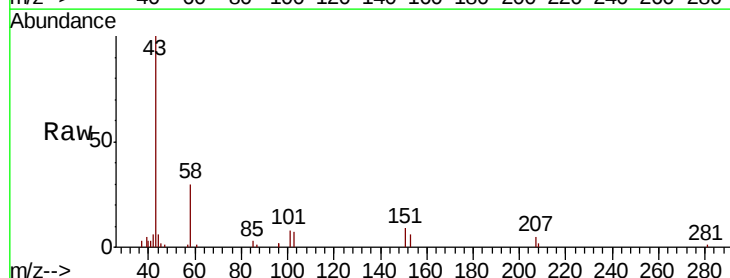
Acq: 06 May 2020 12:25

Tgt Ion: 43 Resp: 16182

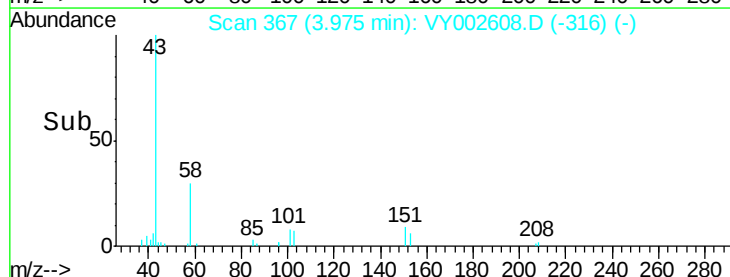
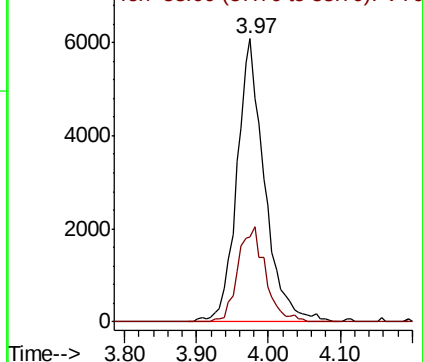
Ion Ratio Lower Upper

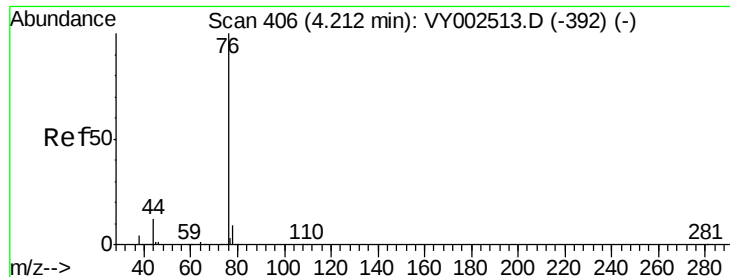
43 100

58 29.9 26.9 40.3



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

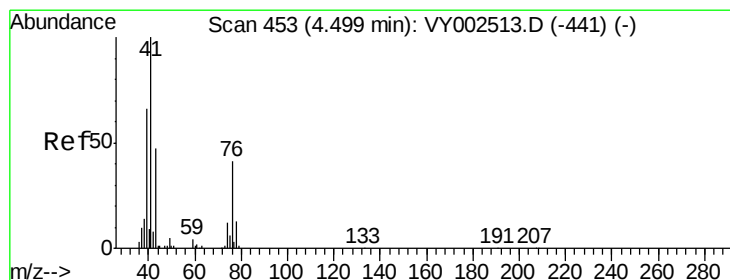
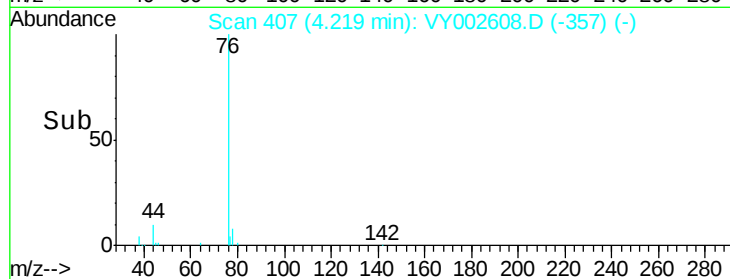
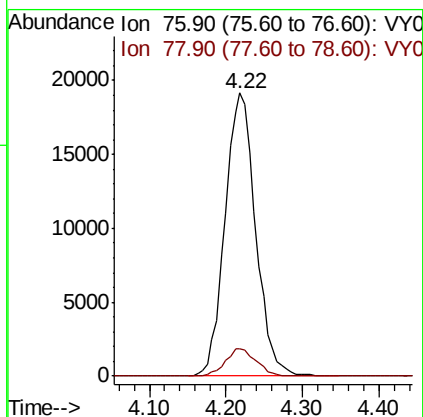
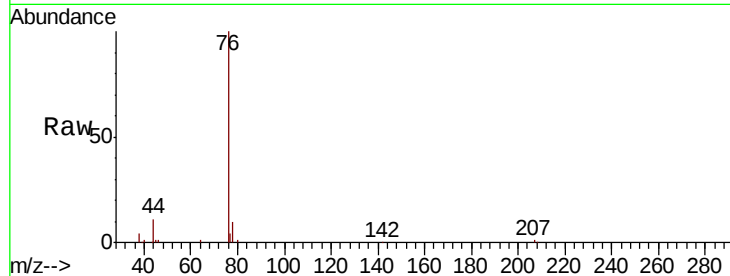




#17
Carbon Disulfide
Concen: 5.589 ug/l
RT: 4.22 min Scan# 407
Delta R.T. 0.01 min
Lab File: VY002608.D
Acq: 06 May 2020 12:25

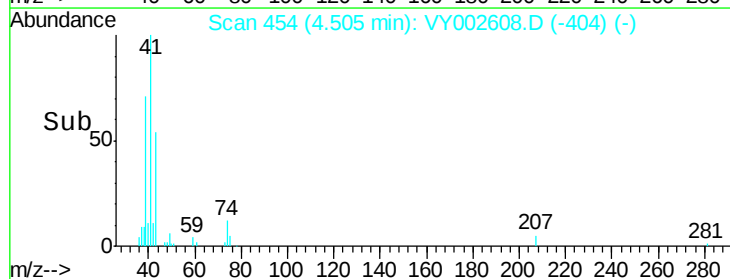
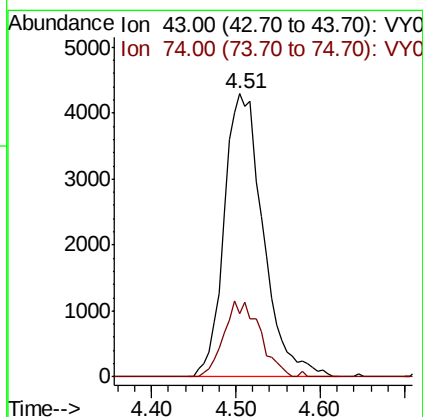
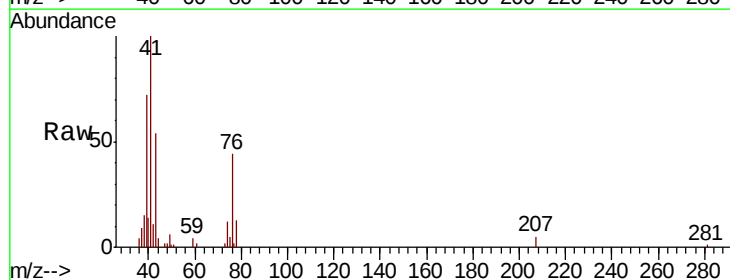
Instrument :
MSVOA_Y
ClientSampleId :

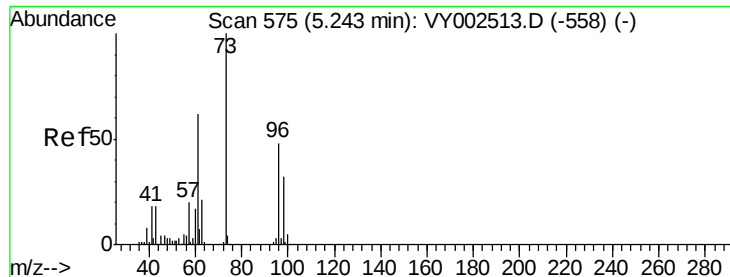
Tot Ion: 76 Resp: 52962
Ion Ratio Lower Upper
76 100
78 9.6 7.4 11.2



#18
Methyl Acetate
Concen: 6.365 ug/l
RT: 4.51 min Scan# 454
Delta R.T. 0.01 min
Lab File: VY002608.D
Acq: 06 May 2020 12:25

Tgt Ion: 43 Resp: 13503
Ion Ratio Lower Upper
43 100
74 24.8 21.2 31.8



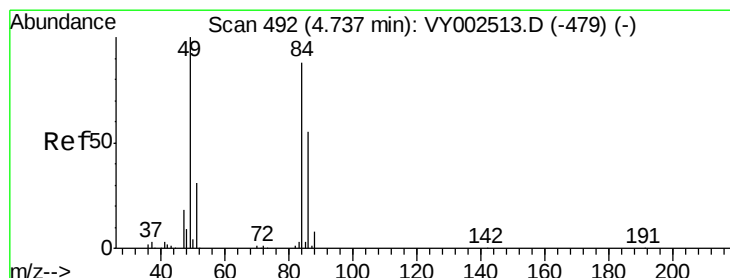
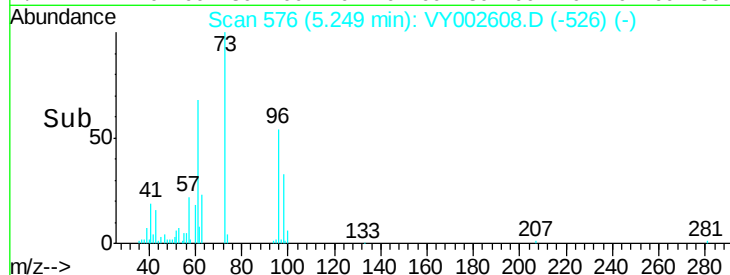
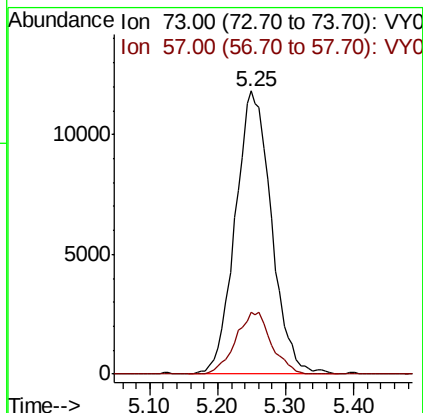
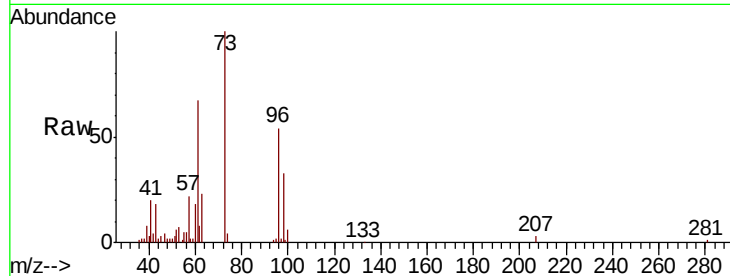


#19

Methyl tert-butyl Ether
 Concen: 5.306 ug/l
 RT: 5.25 min Scan# 576
 Delta R.T. 0.01 min
 Lab File: VY002608.D
 Acq: 06 May 2020 12:25

Instrument :
 MSVOA_Y
 ClientSampled :

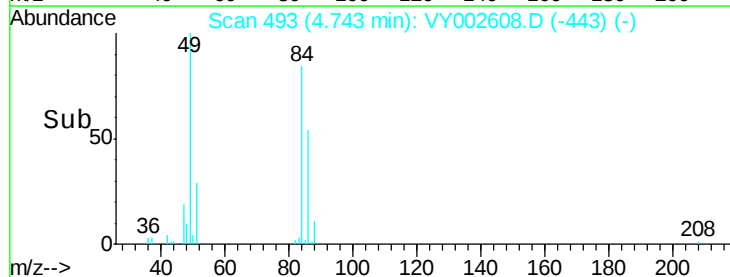
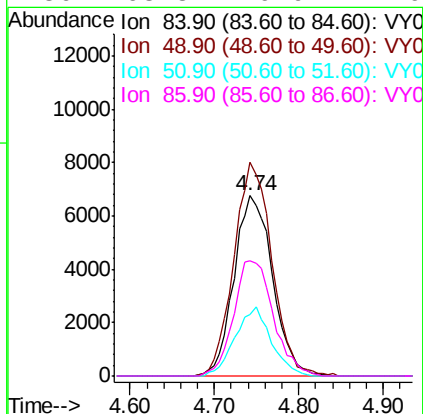
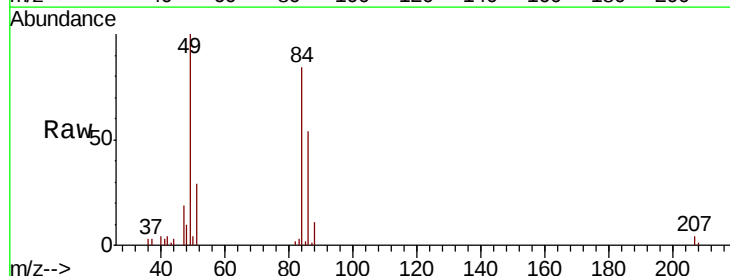
Tot Ion: 73 Resp: 43606
 Ion Ratio Lower Upper
 73 100
 57 21.7 16.3 24.5

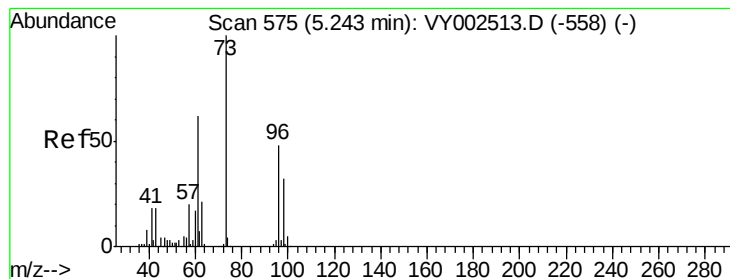


#20

Methylene Chloride
 Concen: 5.909 ug/l
 RT: 4.74 min Scan# 493
 Delta R.T. 0.01 min
 Lab File: VY002608.D
 Acq: 06 May 2020 12:25

Tgt Ion: 84 Resp: 20981
 Ion Ratio Lower Upper
 84 100
 49 118.6 90.5 135.7
 51 34.5 28.3 42.5
 86 63.8 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 5.785 ug/l

RT: 5.25 min Scan# 576

Delta R.T. 0.01 min

Lab File: VY002608.D

Acq: 06 May 2020 12:25

Instrument :
MSVOA_Y
ClientSampled :

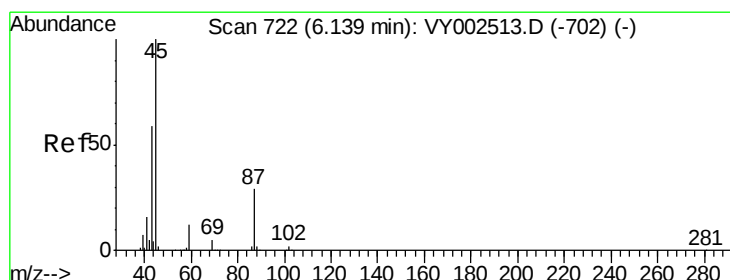
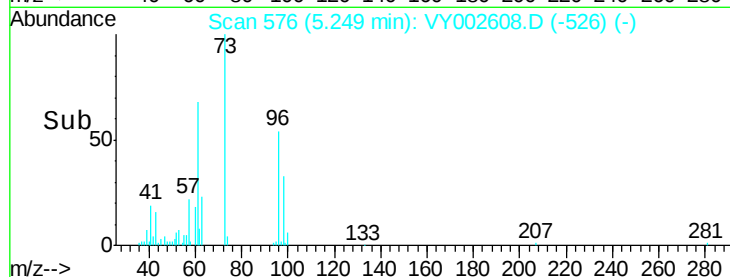
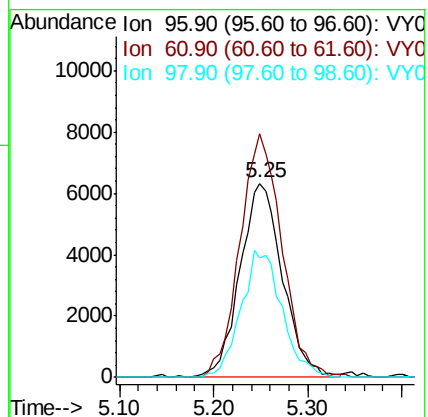
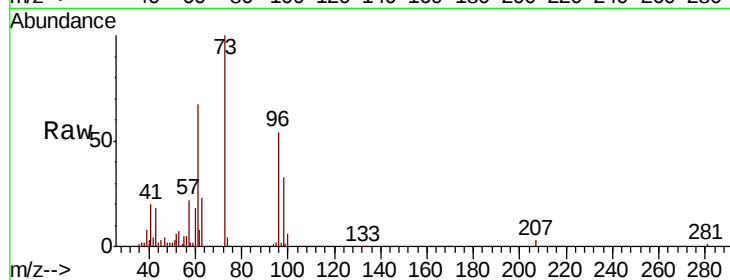
Tot Ion: 96 Resp: 19915

Ion Ratio Lower Upper

96 100

61 125.5 102.0 153.0

98 61.6 53.0 79.4



#22

Diisopropyl ether

Concen: 5.785 ug/l

RT: 6.15 min Scan# 723

Delta R.T. 0.01 min

Lab File: VY002608.D

Acq: 06 May 2020 12:25

Tgt Ion: 45 Resp: 53716

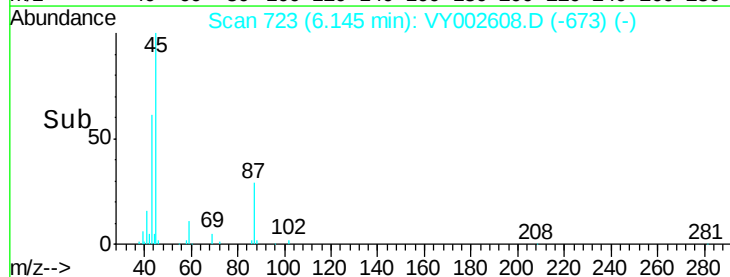
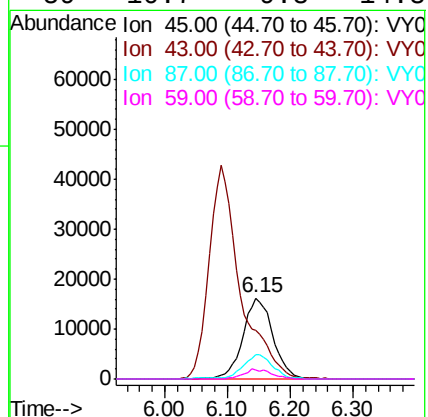
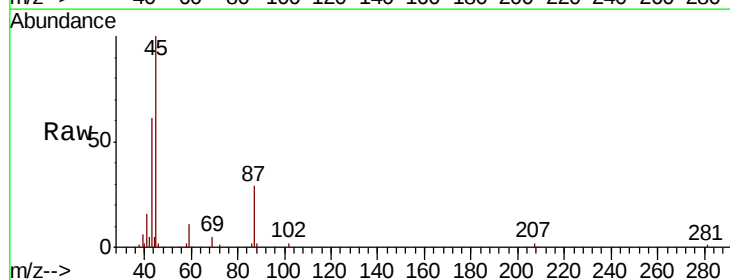
Ion Ratio Lower Upper

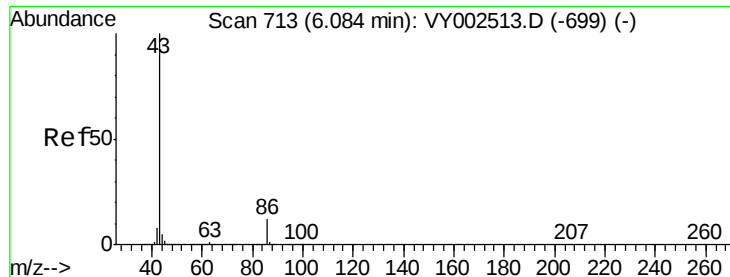
45 100

43 60.6 47.4 71.0

87 29.3 24.0 36.0

59 10.7 9.8 14.8





#23

Vinyl Acetate

Concen: 25.156 ug/l

RT: 6.09 min Scan# 714

Delta R.T. 0.01 min

Lab File: VY002608.D

Acq: 06 May 2020 12:25

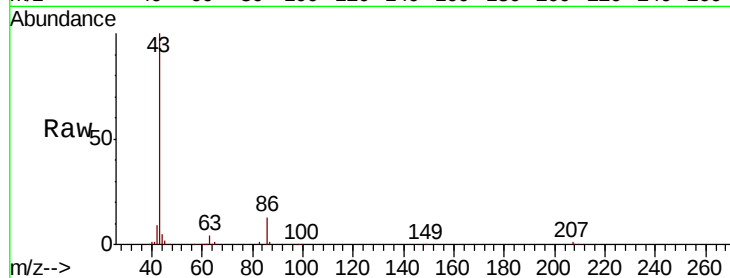
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 43 Resp: 146908

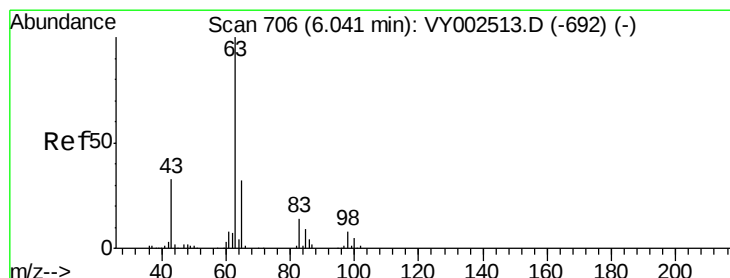
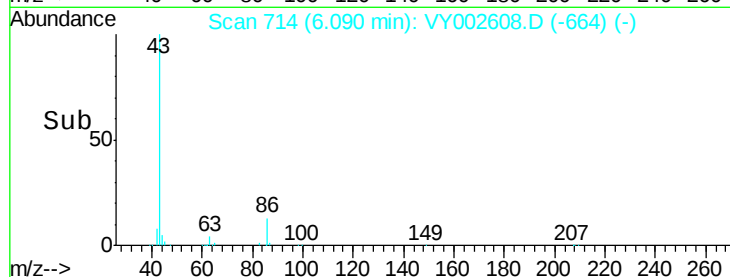
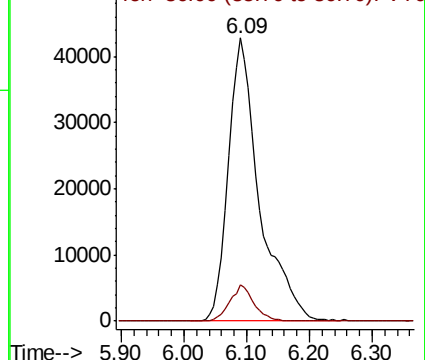
Ion Ratio Lower Upper

43 100

86 12.8 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: 5.716 ug/l

RT: 6.05 min Scan# 707

Delta R.T. 0.01 min

Lab File: VY002608.D

Acq: 06 May 2020 12:25

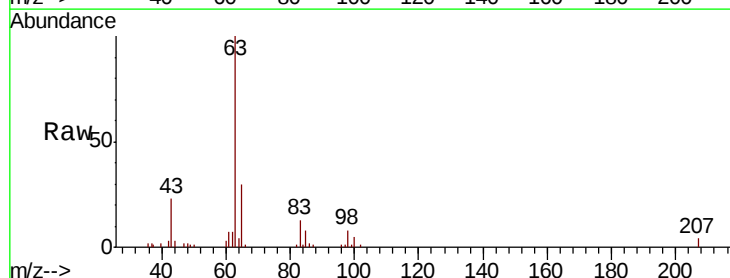
Tgt Ion: 63 Resp: 31402

Ion Ratio Lower Upper

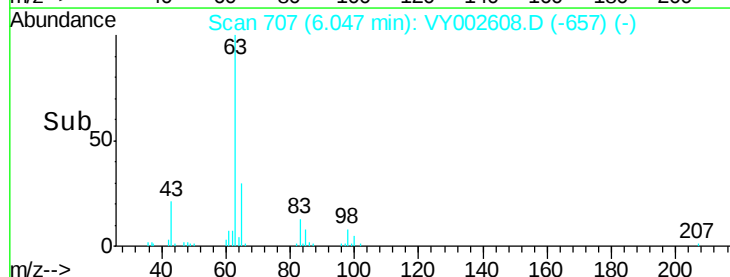
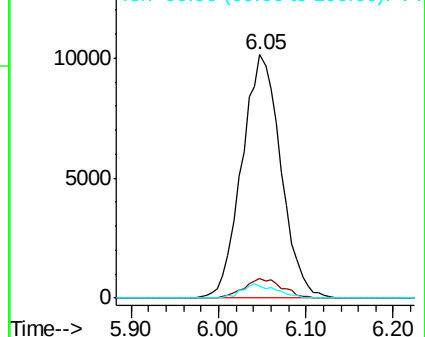
63 100

98 8.3 3.9 11.7

100 4.7 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

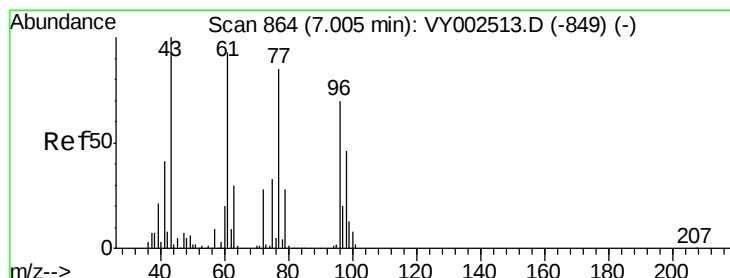
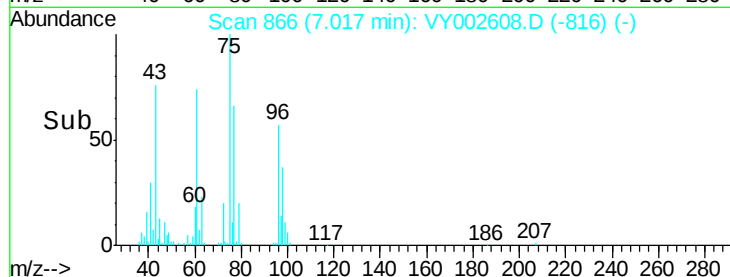
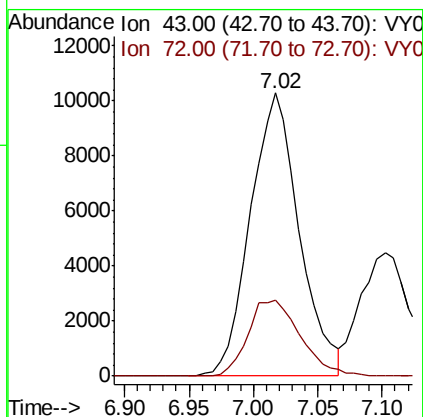
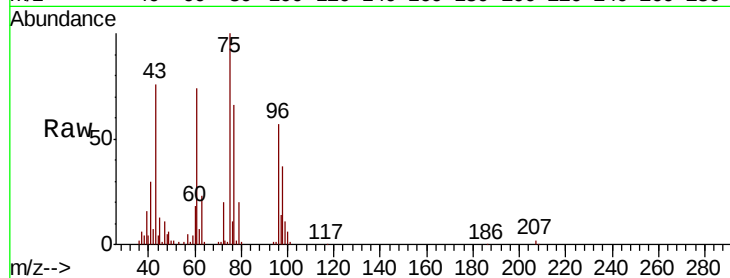




#25
2-Butanone
Concen: 26.079 ug/l
RT: 7.02 min Scan# 866
Delta R.T. 0.01 min
Lab File: VY002608.D
Acq: 06 May 2020 12:25

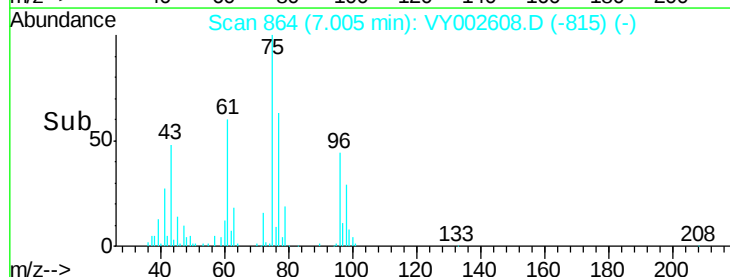
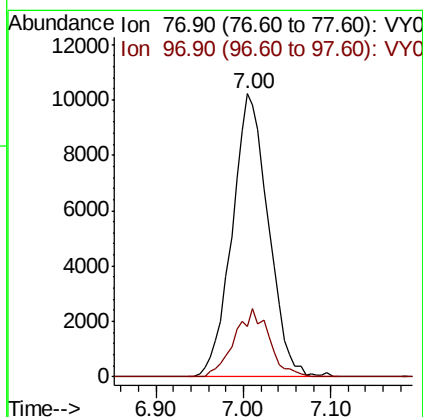
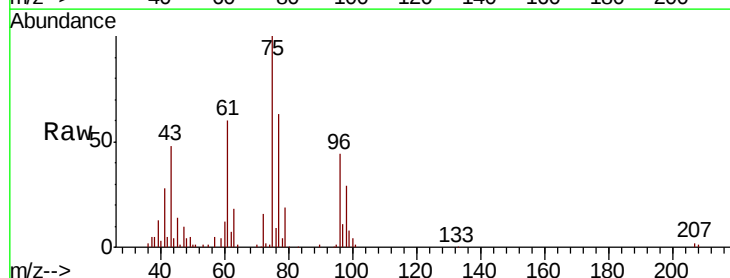
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 43 Resp: 27105
Ion Ratio Lower Upper
43 100
72 26.8 24.1 36.1



#26
2,2-Dichloropropane
Concen: 5.623 ug/l
RT: 7.00 min Scan# 864
Delta R.T. -0.00 min
Lab File: VY002608.D
Acq: 06 May 2020 12:25

Tgt Ion: 77 Resp: 29363
Ion Ratio Lower Upper
77 100
97 23.0 11.9 35.5



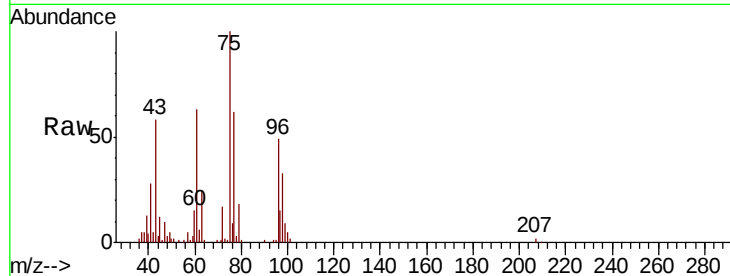


#27

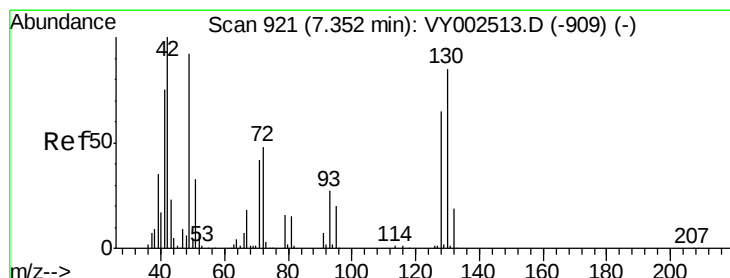
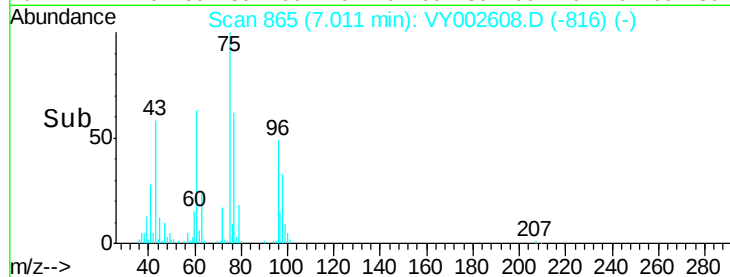
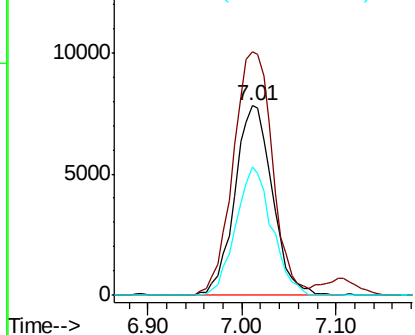
cis-1,2-Dichloroethene
 Concen: 5.688 ug/l
 RT: 7.01 min Scan# 865
 Delta R.T. -0.00 min
 Lab File: VY002608.D
 Acq: 06 May 2020 12:25

Instrument :
 MSVOA_Y
 ClientSampled :

Tot Ion: 96 Resp: 21668
 Ion Ratio Lower Upper
 96 100
 61 134.2 0.0 266.6
 98 65.1 0.0 129.2



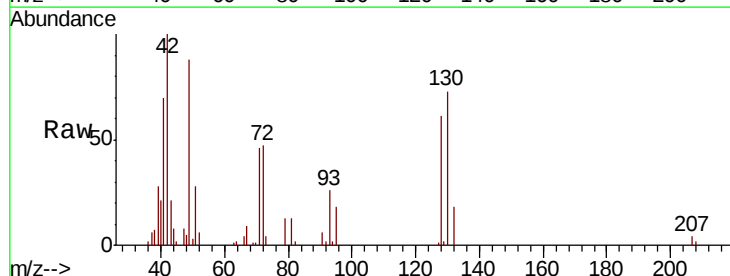
Abundance Ion 95.90 (95.60 to 96.60): VY0
 Ion 60.90 (60.60 to 61.60): VY0
 Ion 97.90 (97.60 to 98.60): VY0



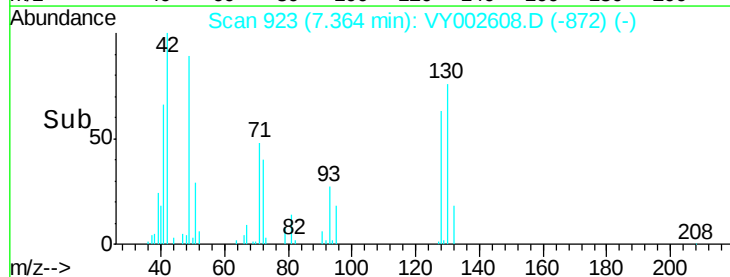
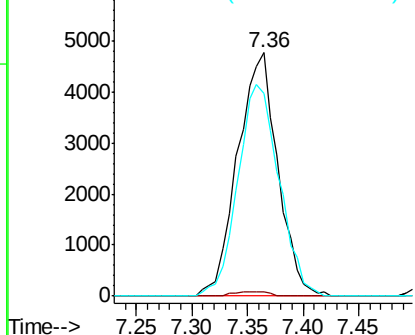
#28

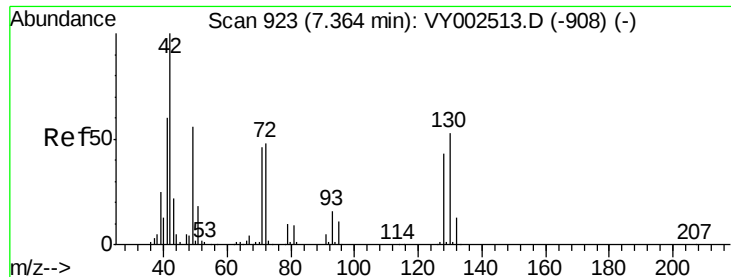
Bromochloromethane
 Concen: 5.303 ug/l
 RT: 7.36 min Scan# 923
 Delta R.T. 0.01 min
 Lab File: VY002608.D
 Acq: 06 May 2020 12:25

Tgt Ion: 49 Resp: 11936
 Ion Ratio Lower Upper
 49 100
 129 1.6 0.0 4.8
 130 89.6 72.5 108.7



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

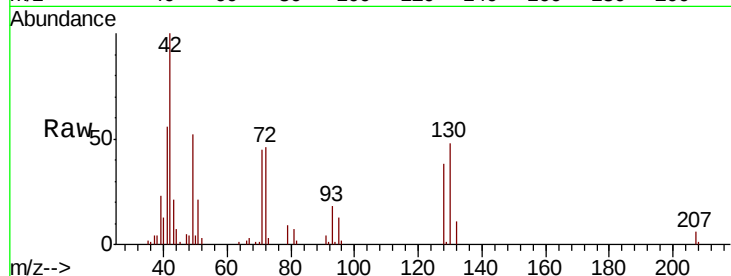




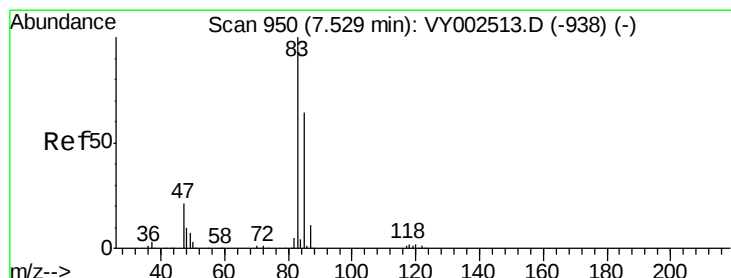
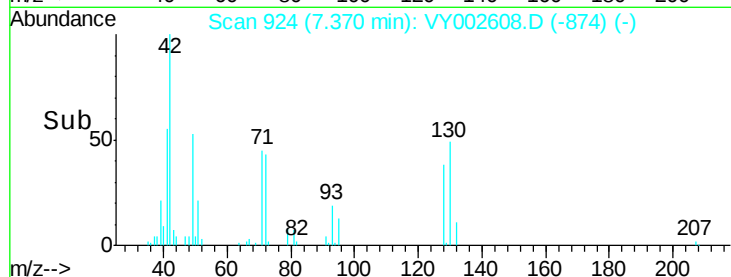
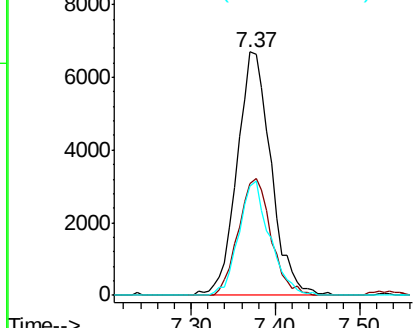
#29
Tetrahydrofuran
Concen: 26.547 ug/l
RT: 7.37 min Scan# 924
Delta R.T. 0.01 min
Lab File: VY002608.D
Acq: 06 May 2020 12:25

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 42 Resp: 18255
Ion Ratio Lower Upper
42 100
72 45.9 37.4 56.2
71 42.7 35.0 52.4

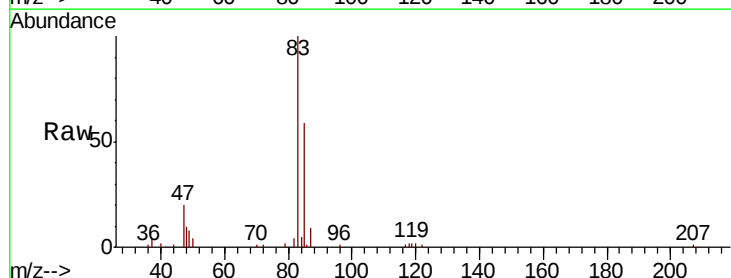


Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

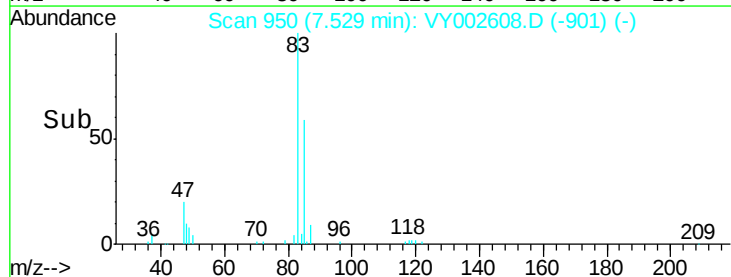
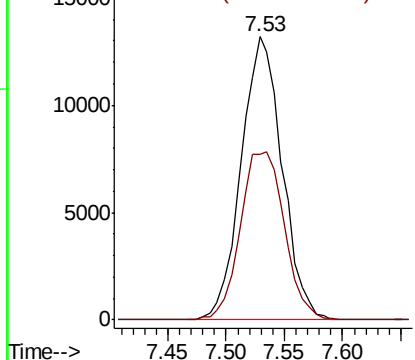


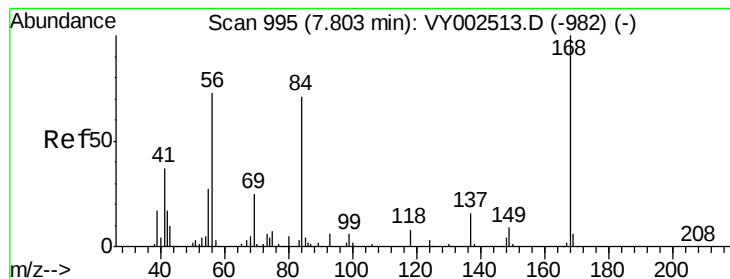
#30
Chloroform
Concen: 5.650 ug/l
RT: 7.53 min Scan# 950
Delta R.T. -0.00 min
Lab File: VY002608.D
Acq: 06 May 2020 12:25

Tgt Ion: 83 Resp: 32272
Ion Ratio Lower Upper
83 100
85 58.5 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: 6.271 ug/l

RT: 7.81 min Scan# 996

Delta R.T. 0.01 min

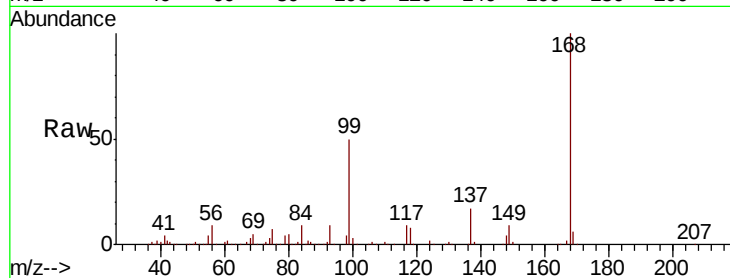
Lab File: VY002608.D

Acq: 06 May 2020 12:25

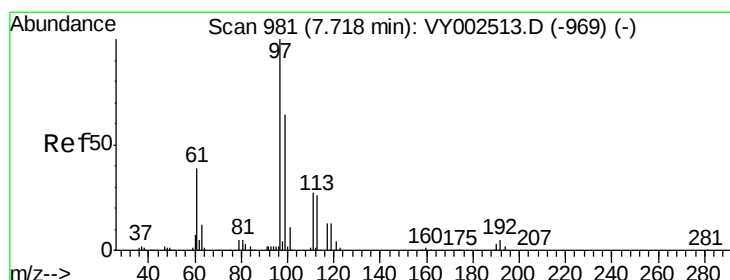
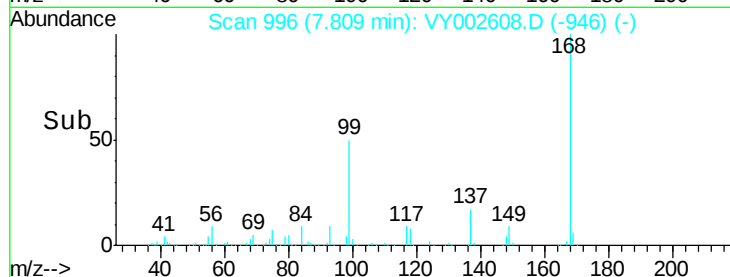
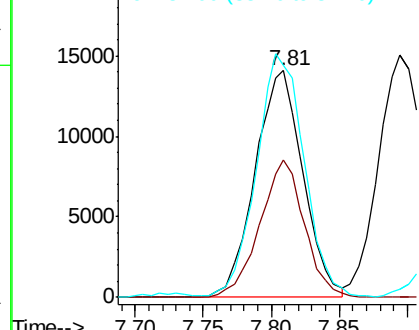
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 56 Resp: 34674

Ion	Ratio	Lower	Upper
56	100		
69	60.8	27.6	41.4#
84	101.7	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: 5.516 ug/l

RT: 7.72 min Scan# 982

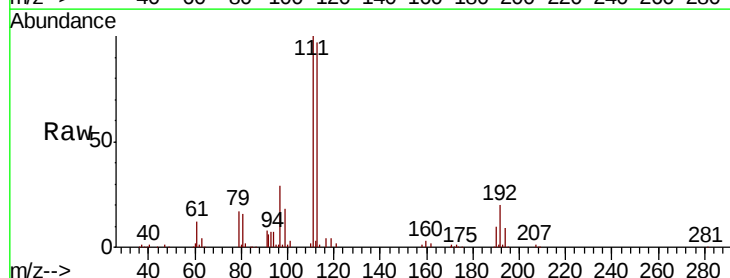
Delta R.T. 0.01 min

Lab File: VY002608.D

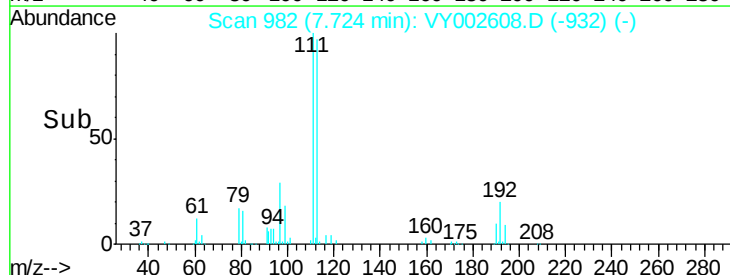
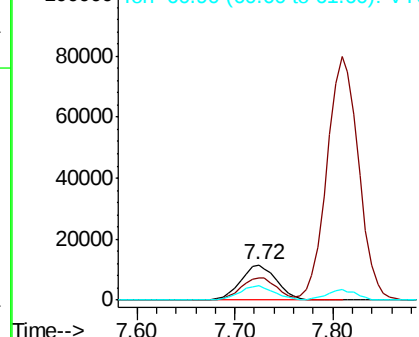
Acq: 06 May 2020 12:25

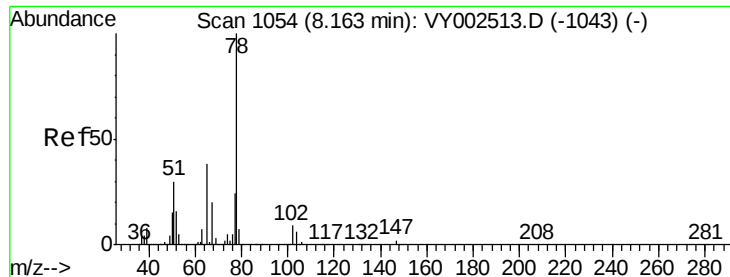
Tgt Ion: 97 Resp: 29283

Ion	Ratio	Lower	Upper
97	100		
99	64.4	51.9	77.9
61	39.3	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

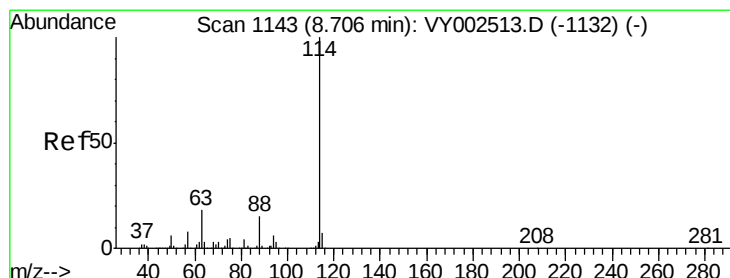
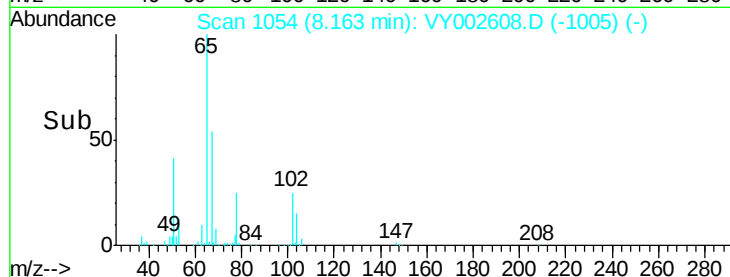
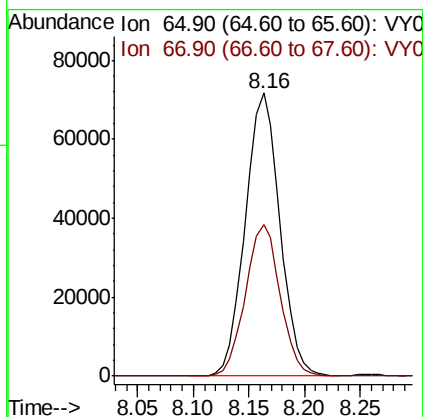
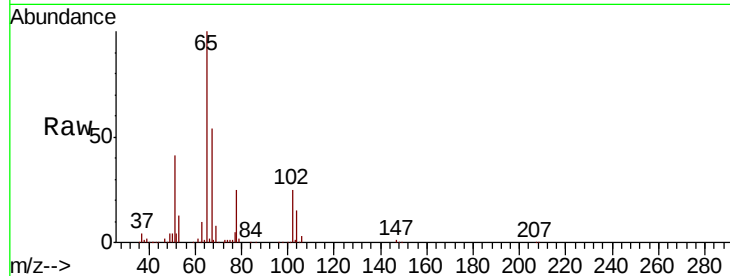




#33
 1,2-Dichloroethane-d4
 Concen: 50.522 ug/l
 RT: 8.16 min Scan# 1054
 Delta R.T. -0.00 min
 Lab File: VY002608.D
 Acq: 06 May 2020 12:25

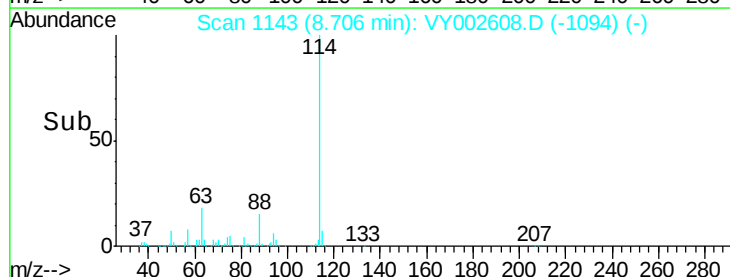
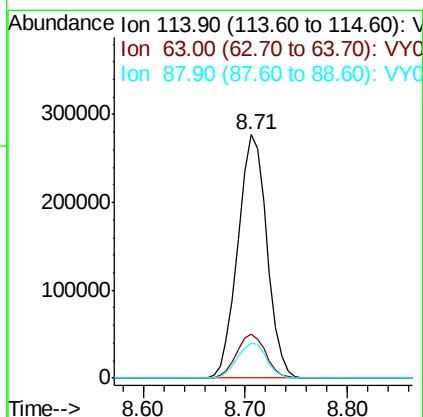
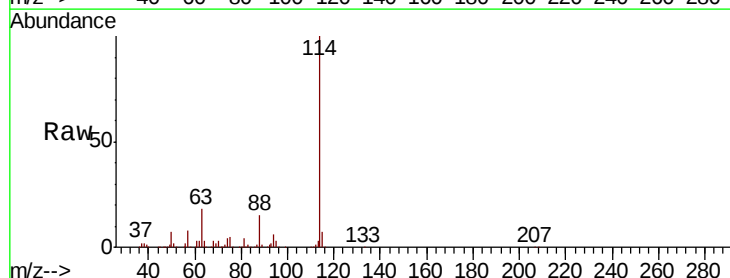
Instrument :
 MSVOA_Y
 ClientSampleId :

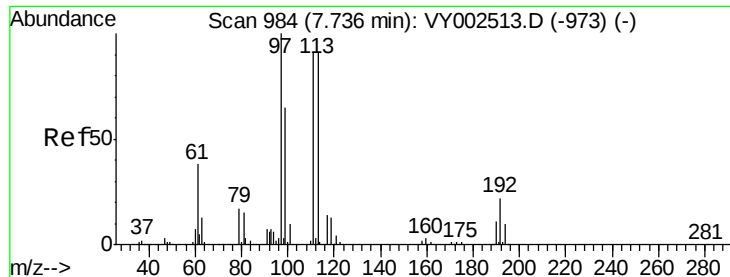
Tot Ion: 65 Resp: 155430
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. -0.00 min
 Lab File: VY002608.D
 Acq: 06 May 2020 12:25

Tgt Ion: 114 Resp: 546820
 Ion Ratio Lower Upper
 114 100
 63 18.1 0.0 36.4
 88 14.5 0.0 29.6

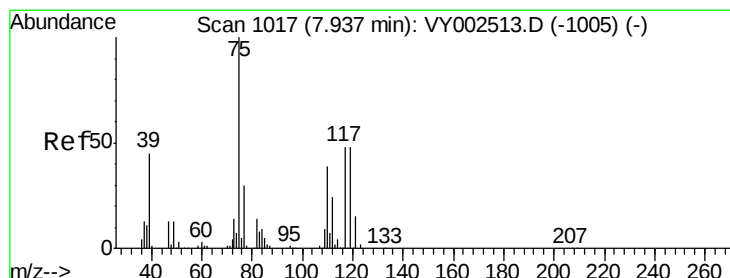
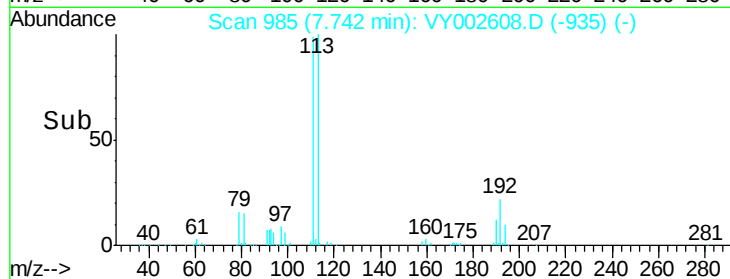
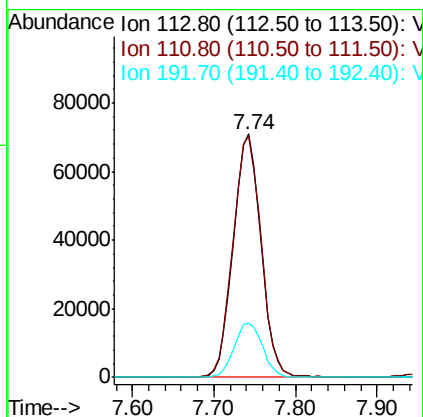
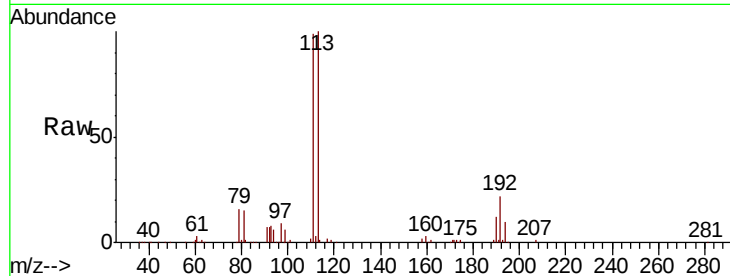




#35
 Dibromofluoromethane
 Concen: 53.054 ug/l
 RT: 7.74 min Scan# 985
 Delta R.T. 0.01 min
 Lab File: VY002608.D
 Acq: 06 May 2020 12:25

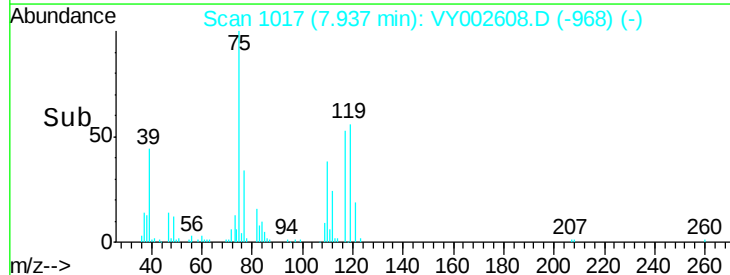
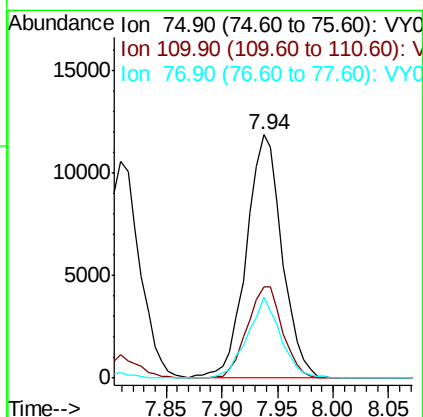
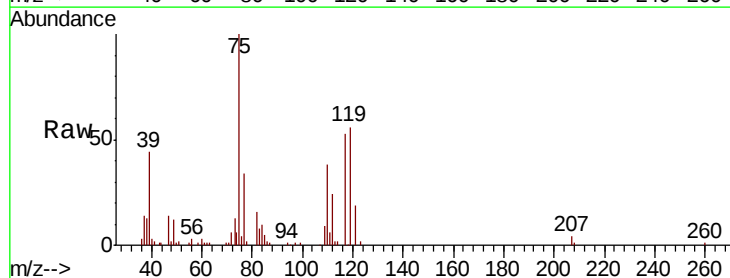
Instrument :
 MSVOA_Y
 ClientSampleId :

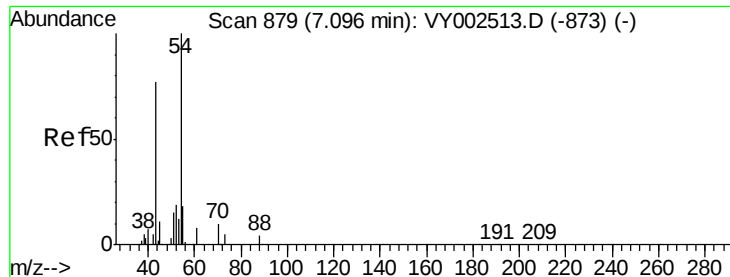
Tot Ion:113 Resp: 165915
 Ion Ratio Lower Upper
 113 100
 111 101.3 81.8 122.6
 192 22.7 18.2 27.4



#36
 1,1-Dichloropropene
 Concen: 5.786 ug/l
 RT: 7.94 min Scan# 1017
 Delta R.T. -0.00 min
 Lab File: VY002608.D
 Acq: 06 May 2020 12:25

Tgt Ion: 75 Resp: 26522
 Ion Ratio Lower Upper
 75 100
 110 37.0 19.1 57.3
 77 30.9 24.6 37.0

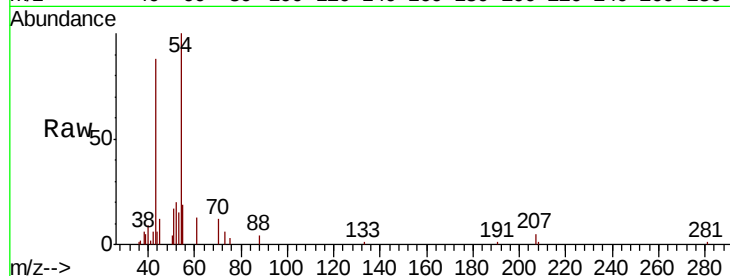




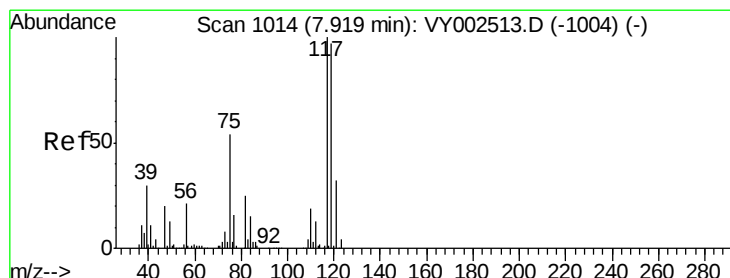
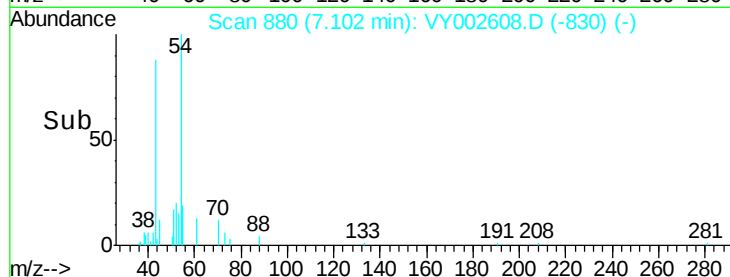
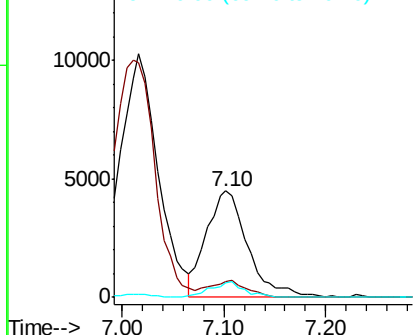
#37
Ethyl Acetate
Concen: 5.386 ug/l
RT: 7.10 min Scan# 880
Delta R.T. 0.01 min
Lab File: VY002608.D
Acq: 06 May 2020 12:25

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 43 Resp: 12688
Ion Ratio Lower Upper
43 100
61 14.2 11.6 17.4
70 11.8 9.0 13.6

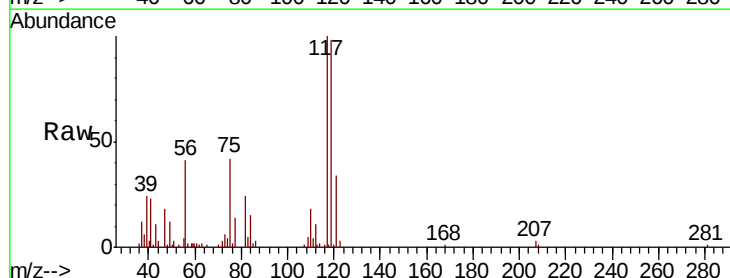


Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 70.00 (69.70 to 70.70): VY0

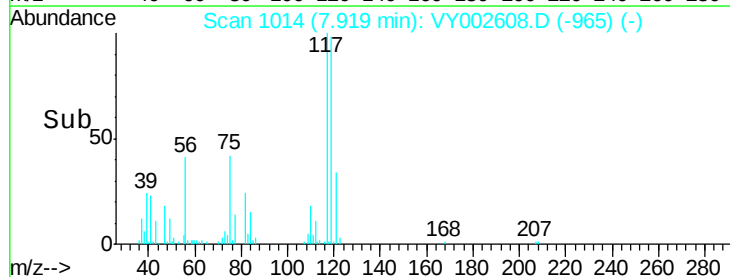
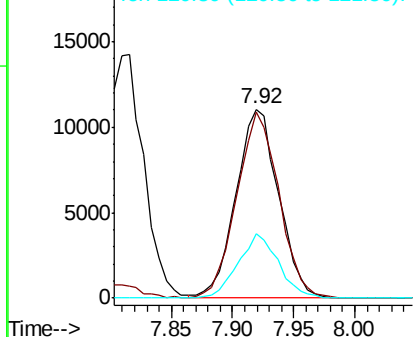


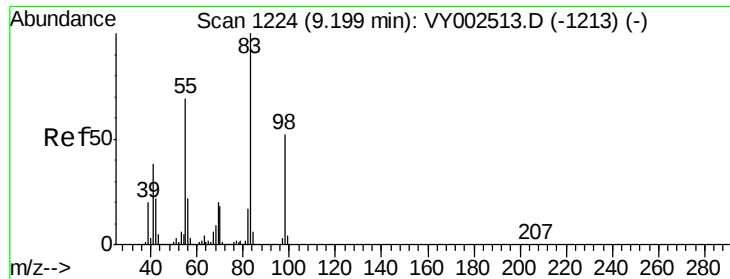
#38
Carbon Tetrachloride
Concen: 5.348 ug/l
RT: 7.92 min Scan# 1014
Delta R.T. -0.00 min
Lab File: VY002608.D
Acq: 06 May 2020 12:25

Tgt Ion: 117 Resp: 26767
Ion Ratio Lower Upper
117 100
119 98.5 77.1 115.7
121 34.2 25.2 37.8



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

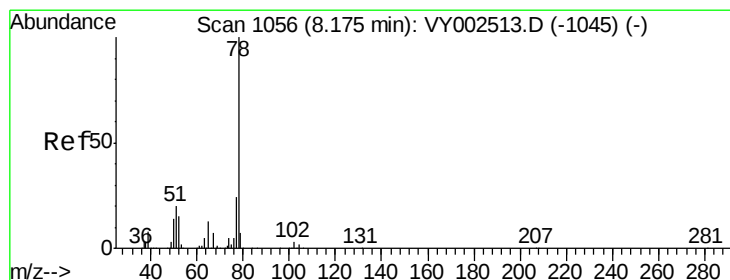
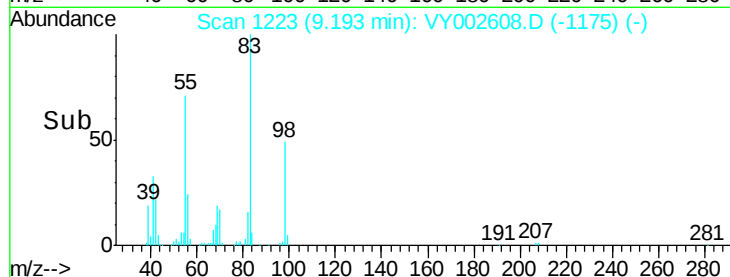
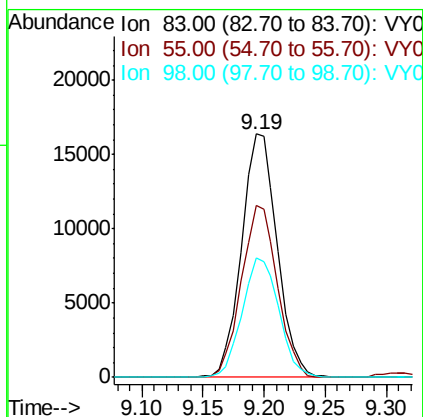
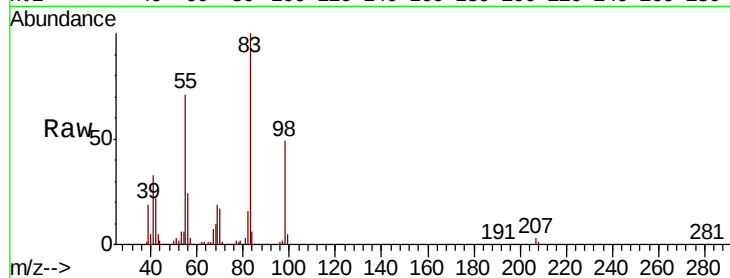




#39
Methvlcvclohexane
Concen: 5.476 ug/l
RT: 9.19 min Scan# 1223
Delta R.T. -0.01 min
Lab File: VY002608.D
Acq: 06 May 2020 12:25

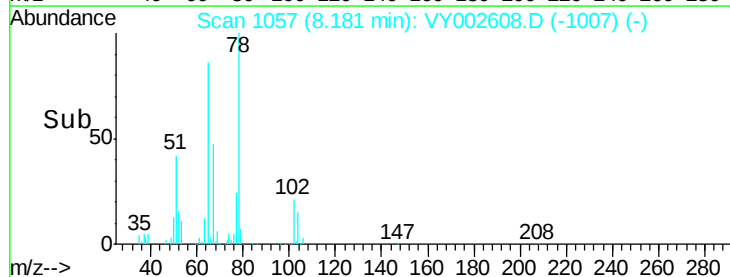
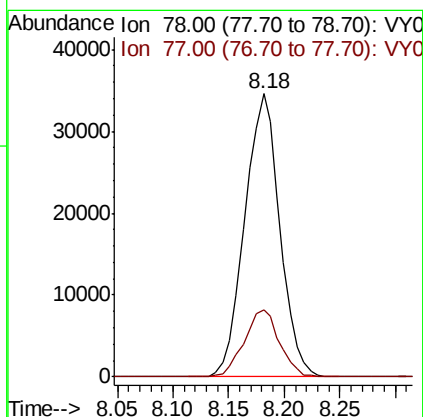
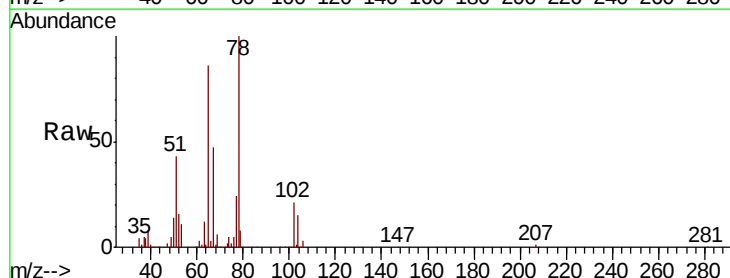
Instrument :
MSVOA_Y
ClientSampled :

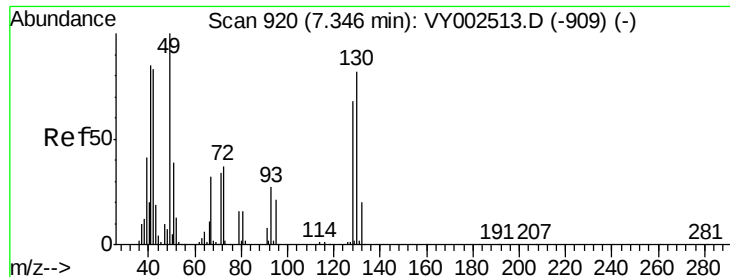
Tot Ion: 83 Resp: 33158
Ion Ratio Lower Upper
83 100
55 70.6 55.4 83.0
98 49.1 41.3 61.9



#40
Benzene
Concen: 5.710 ug/l
RT: 8.18 min Scan# 1057
Delta R.T. 0.01 min
Lab File: VY002608.D
Acq: 06 May 2020 12:25

Tgt Ion: 78 Resp: 75600
Ion Ratio Lower Upper
78 100
77 23.5 19.2 28.8

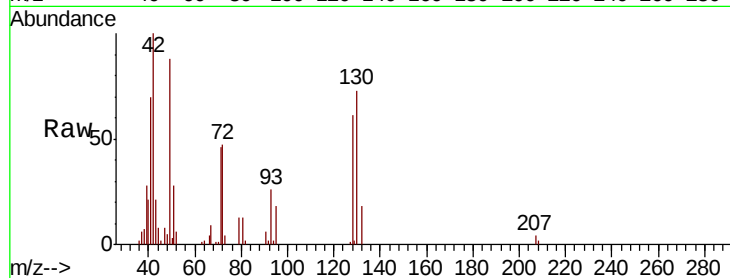




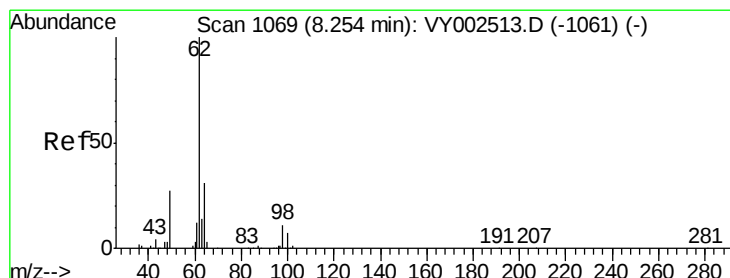
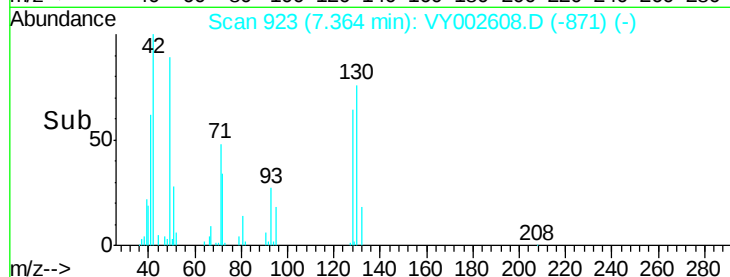
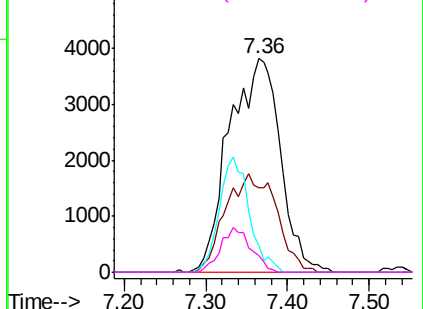
#41
Methacrylonitrile
Concen: 13.130 ug/l
RT: 7.36 min Scan# 923
Delta R.T. 0.02 min
Lab File: VY002608.D
Acq: 06 May 2020 12:25

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 41 Resp: 16630
Ion Ratio Lower Upper
41 100
39 45.8 83.1 124.7#
67 0.0 0.0 0.0
52 0.0 0.0 0.0

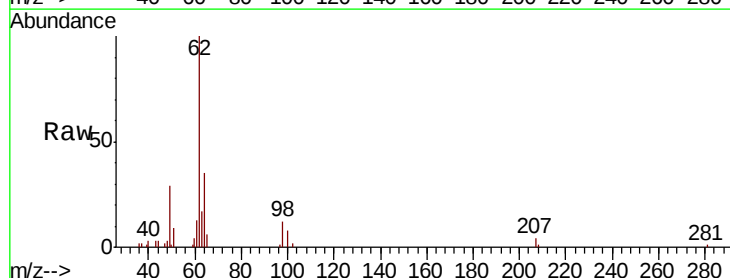


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

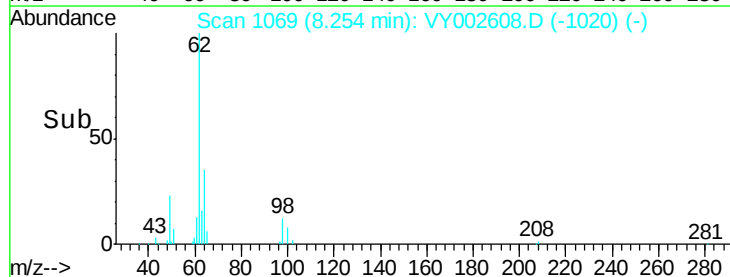
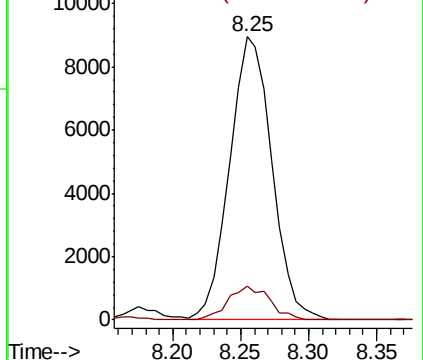


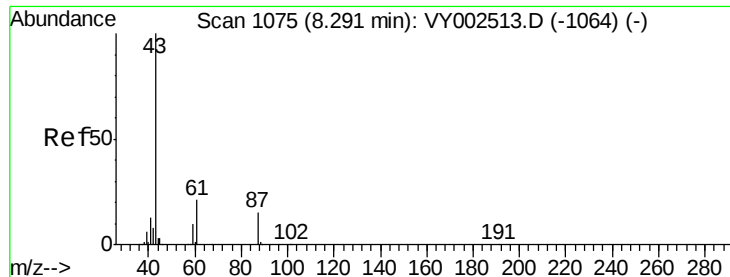
#42
1,2-Dichloroethane
Concen: 5.236 ug/l
RT: 8.25 min Scan# 1069
Delta R.T. -0.00 min
Lab File: VY002608.D
Acq: 06 May 2020 12:25

Tgt Ion: 62 Resp: 19445
Ion Ratio Lower Upper
62 100
98 11.7 0.0 21.0



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





#43

Isopropyl Acetate

Concen: 5.090 ug/l

RT: 8.29 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VY002608.D

Acq: 06 May 2020 12:25

Instrument :

MSVOA_Y

ClientSampleId :

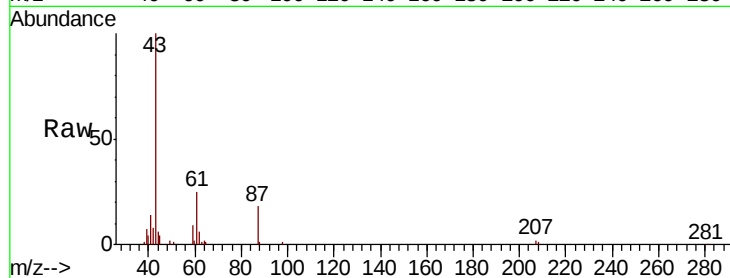
Tot Ion: 43 Resp: 22476

Ion Ratio Lower Upper

43 100

61 31.8 24.8 37.2

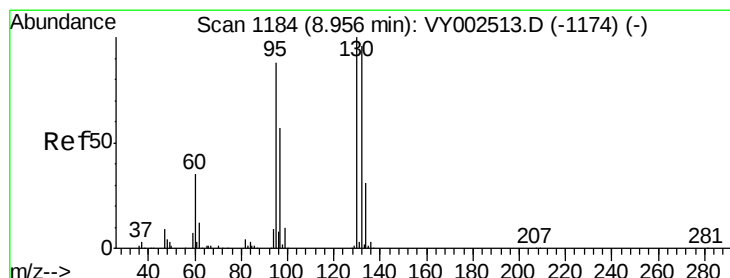
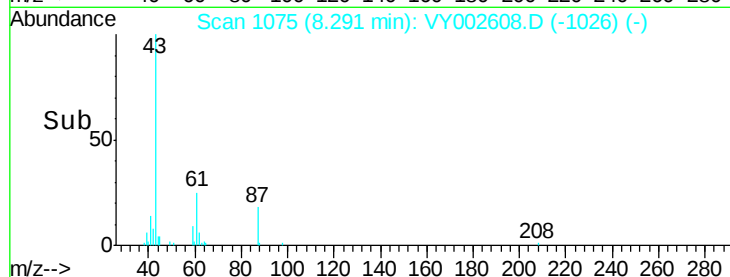
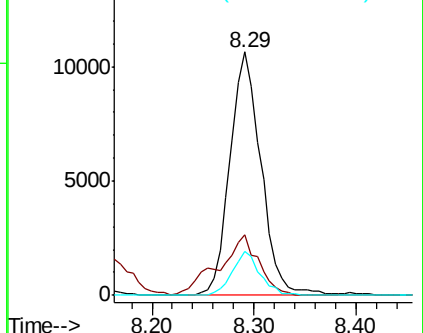
87 15.9 12.2 18.2



Abundance Ion 43.00 (42.70 to 43.70): VY002608.D (-1064) (-)

Ion 61.00 (60.70 to 61.70): VY002608.D (-1064) (-)

Ion 87.00 (86.70 to 87.70): VY002608.D (-1064) (-)



#44

Trichloroethene

Concen: 5.836 ug/l

RT: 8.96 min Scan# 1184

Delta R.T. -0.00 min

Lab File: VY002608.D

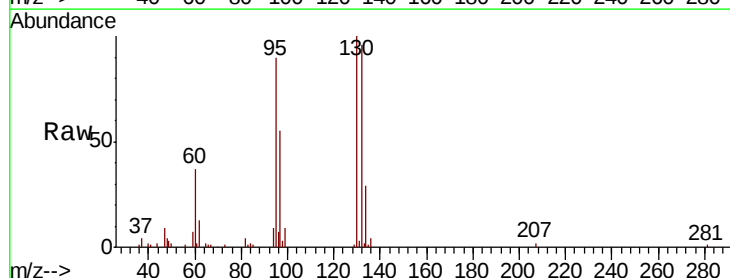
Acq: 06 May 2020 12:25

Tgt Ion: 130 Resp: 24147

Ion Ratio Lower Upper

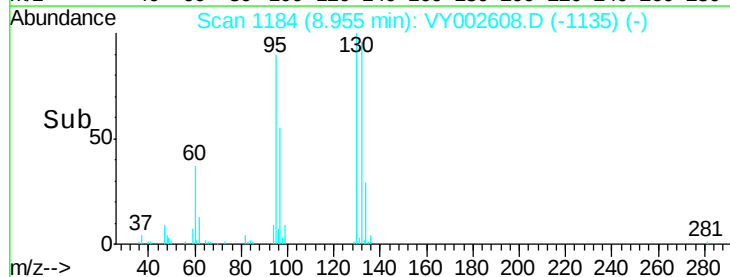
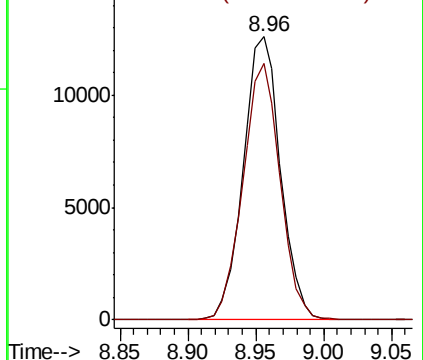
130 100

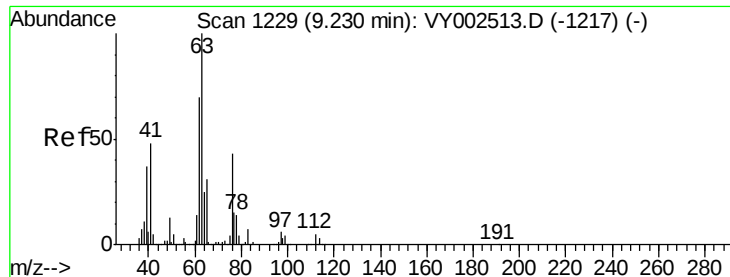
95 90.4 0.0 175.8



Abundance Ion 129.80 (129.50 to 130.50): VY002608.D (-1135) (-)

Ion 94.90 (94.60 to 95.60): VY002608.D (-1135) (-)

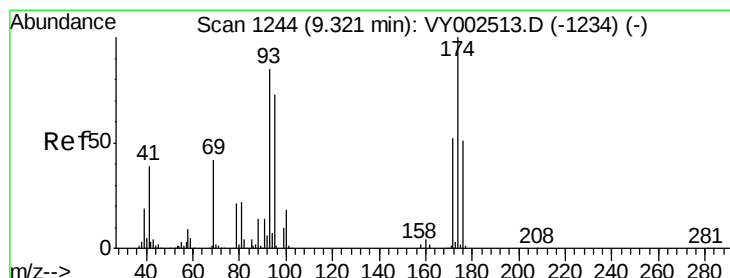
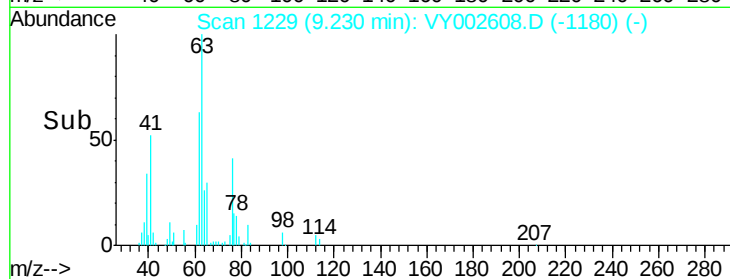
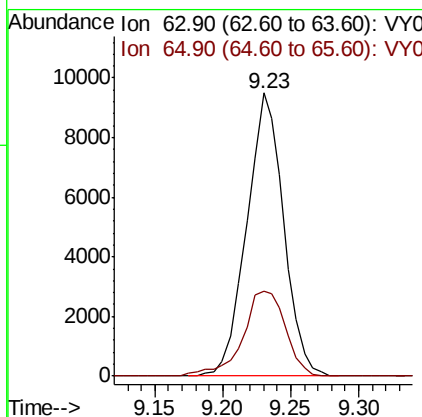
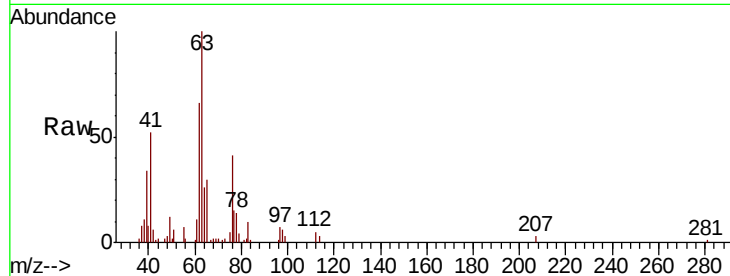




#45
 1,2-Dichloropropane
 Concen: 5.629 ug/l
 RT: 9.23 min Scan# 1229
 Delta R.T. -0.00 min
 Lab File: VY002608.D
 Acq: 06 May 2020 12:25

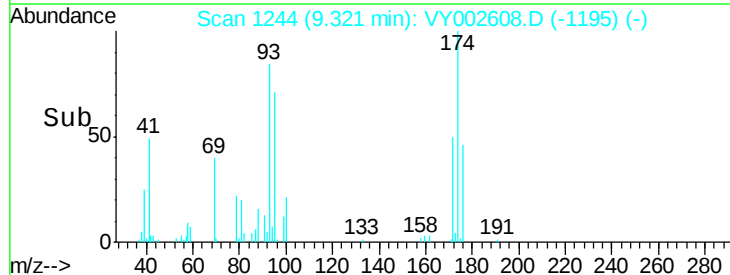
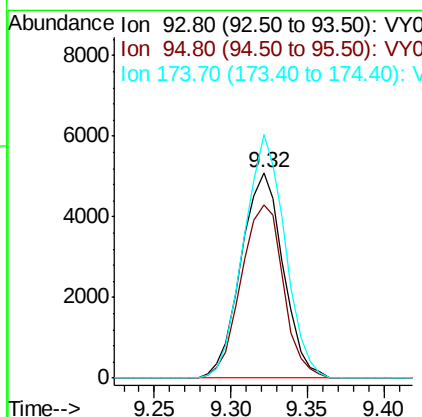
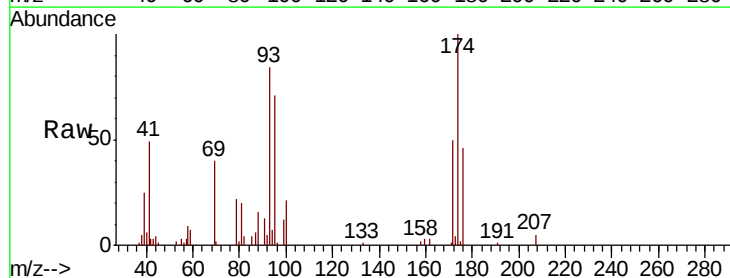
Instrument :
 MSVOA_Y
 ClientSampled :

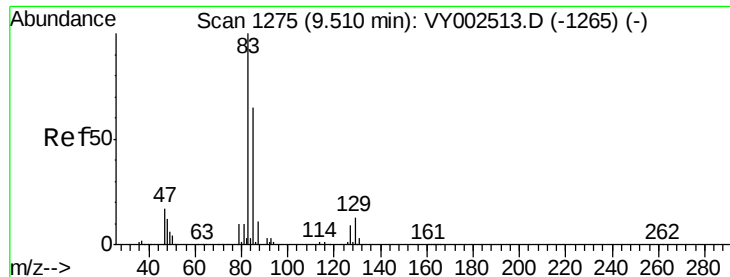
Tot Ion: 63 Resp: 17986
 Ion Ratio Lower Upper
 63 100
 65 30.1 24.5 36.7



#46
 Dibromomethane
 Concen: 5.326 ug/l
 RT: 9.32 min Scan# 1244
 Delta R.T. -0.00 min
 Lab File: VY002608.D
 Acq: 06 May 2020 12:25

Tgt Ion: 93 Resp: 9791
 Ion Ratio Lower Upper
 93 100
 95 84.1 67.0 100.4
 174 115.2 92.7 139.1





#47

Bromodichloromethane

Concen: 5.434 ug/l

RT: 9.51 min Scan# 1275

Delta R.T. -0.00 min

Lab File: VY002608.D

Acq: 06 May 2020 12:25

Instrument :
MSVOA_Y
ClientSampleId :

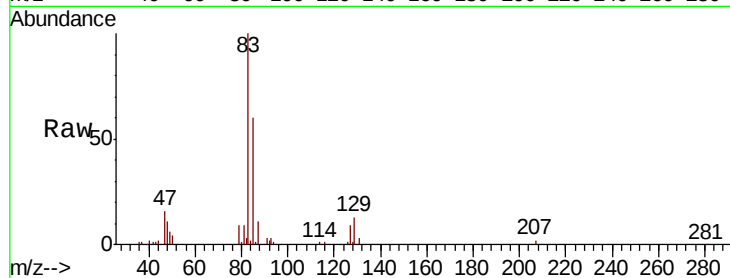
Tot Ion: 83 Resp: 24293

Ion Ratio Lower Upper

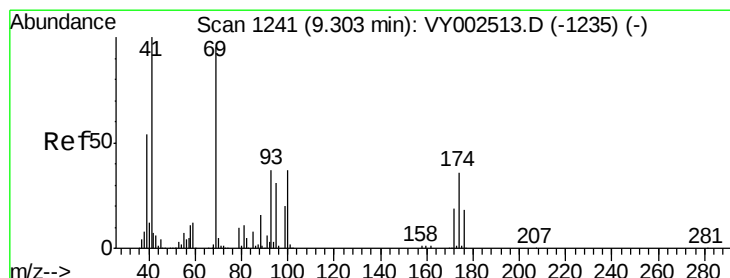
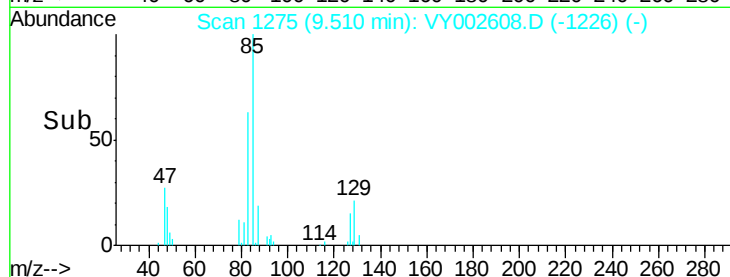
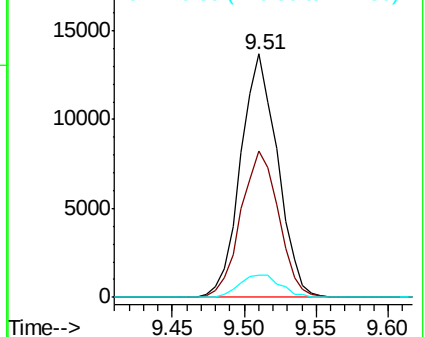
83 100

85 60.2 51.8 77.8

127 9.0 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: 5.089 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. 0.01 min

Lab File: VY002608.D

Acq: 06 May 2020 12:25

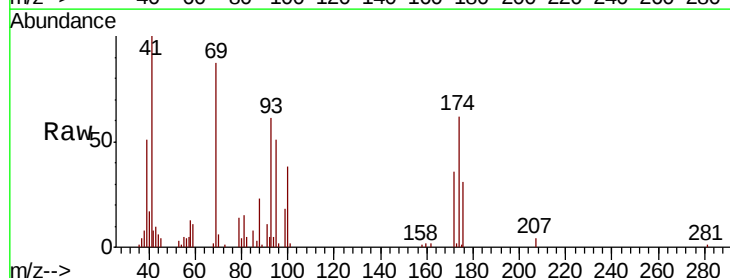
Tgt Ion: 41 Resp: 10170

Ion Ratio Lower Upper

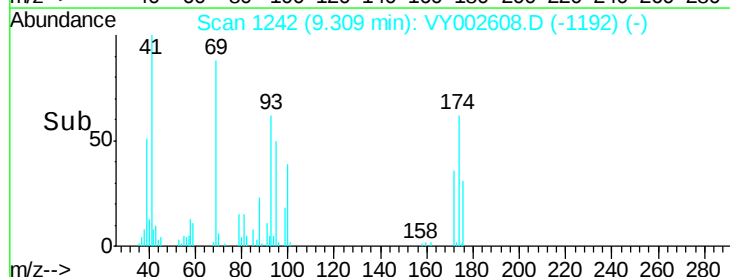
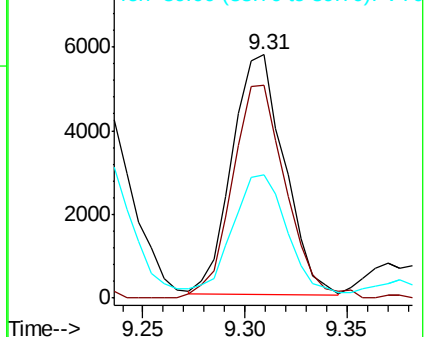
41 100

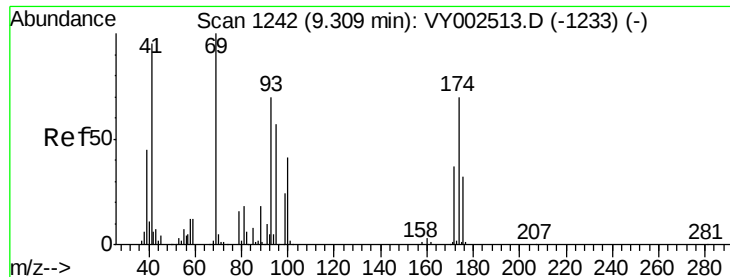
69 91.3 76.2 114.4

39 51.4 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

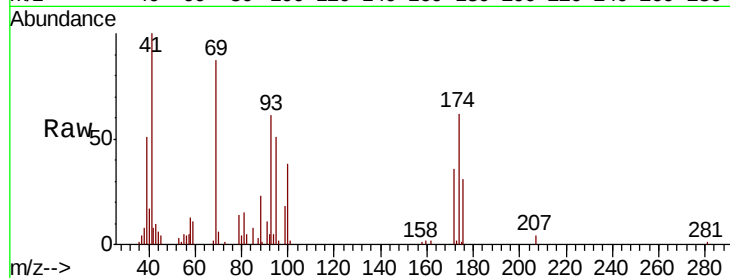




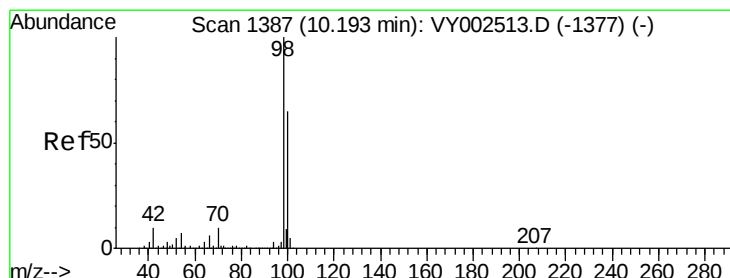
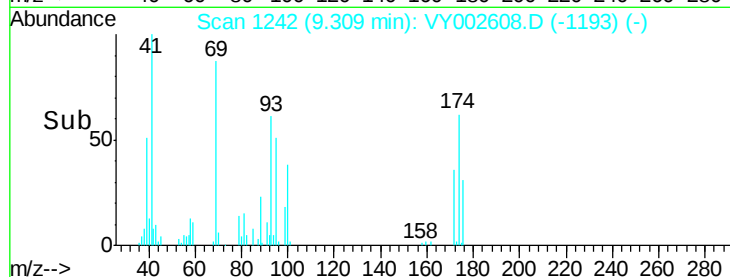
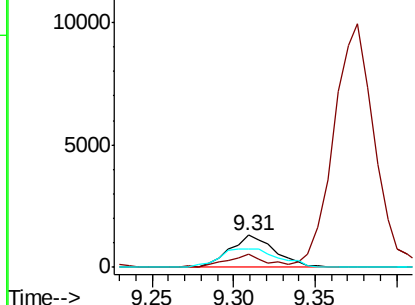
#49
1,4-Dioxane
Concen: 102.621 ug/l
RT: 9.31 min Scan# 1242
Delta R.T. -0.00 min
Lab File: VY002608.D
Acq: 06 May 2020 12:25

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 88 Resp: 2498
Ion Ratio Lower Upper
88 100
43 37.0 22.8 34.2#
58 75.8 51.4 77.2

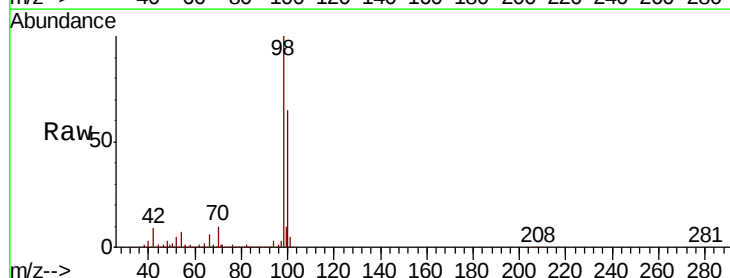


Abundance Ion 88.00 (87.70 to 88.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0

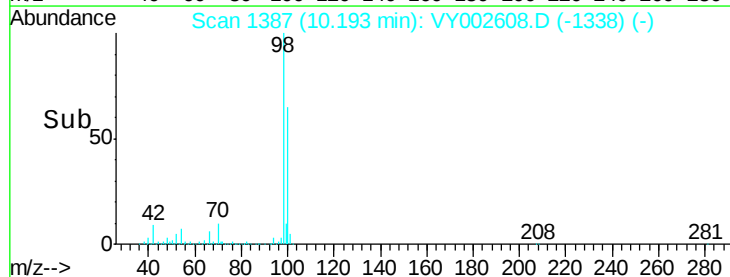
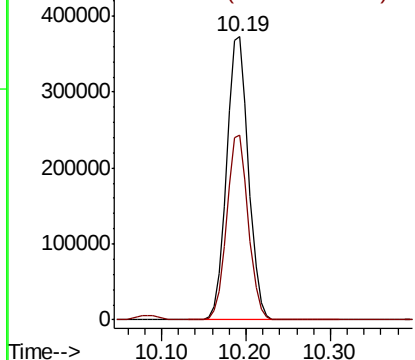


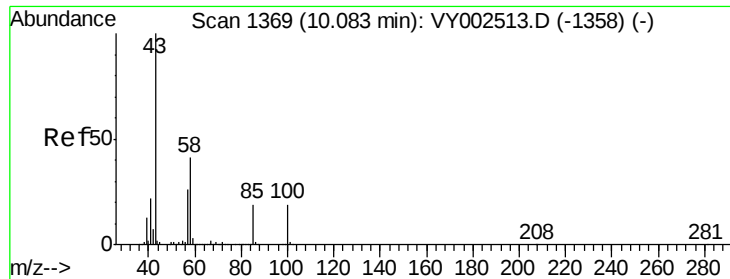
#50
Toluene-d8
Concen: 53.775 ug/l
RT: 10.19 min Scan# 1387
Delta R.T. -0.00 min
Lab File: VY002608.D
Acq: 06 May 2020 12:25

Tgt Ion: 98 Resp: 656725
Ion Ratio Lower Upper
98 100
100 64.7 52.2 78.2



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





#51

4-Methyl-2-Pentanone

Concen: 25.711 ug/l

RT: 10.08 min Scan# 1369

Delta R.T. -0.00 min

Lab File: VY002608.D

Acq: 06 May 2020 12:25

Instrument :

MSVOA_Y

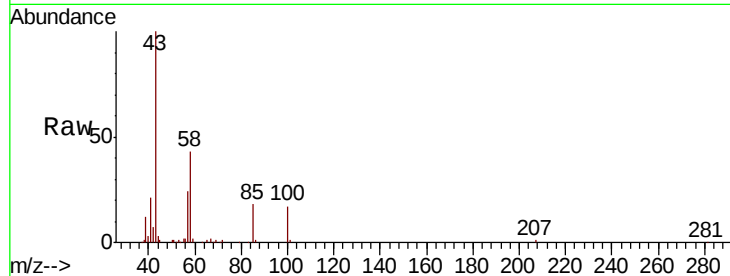
ClientSampleId :

Tot Ion: 43 Resp: 58524

Ion Ratio Lower Upper

43 100

58 40.7 33.2 49.8



Abundance Ion 43.00 (42.70 to 43.70): VY002608.D (-1320) (-)

Ion 58.00 (57.70 to 58.70): VY002608.D (-1320) (-)

10.08

30000

20000

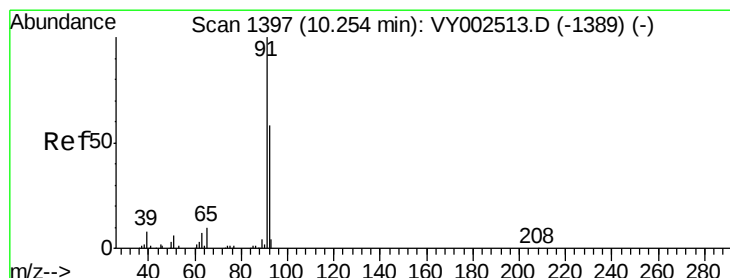
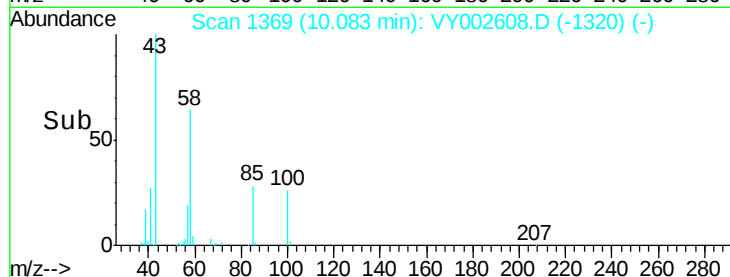
10000

0

Time-->

10.00

10.10



#52

Toluene

Concen: 5.753 ug/l

RT: 10.25 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VY002608.D

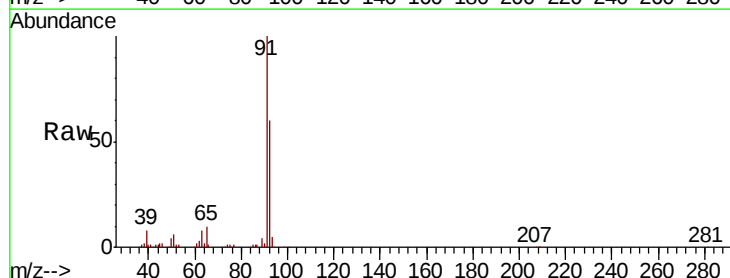
Acq: 06 May 2020 12:25

Tgt Ion: 92 Resp: 48950

Ion Ratio Lower Upper

92 100

91 170.5 139.3 208.9



Abundance Ion 92.00 (91.70 to 92.70): VY002608.D (-1348) (-)

Ion 91.00 (90.70 to 91.70): VY002608.D (-1348) (-)

10.25

60000

50000

40000

30000

20000

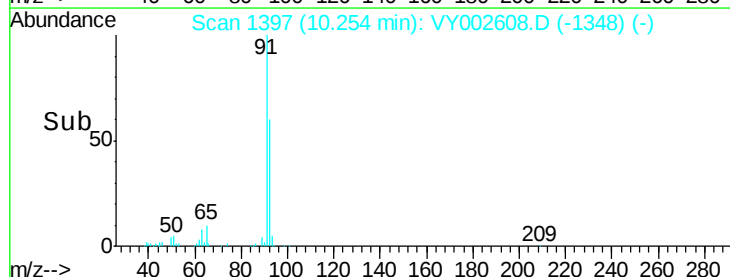
10000

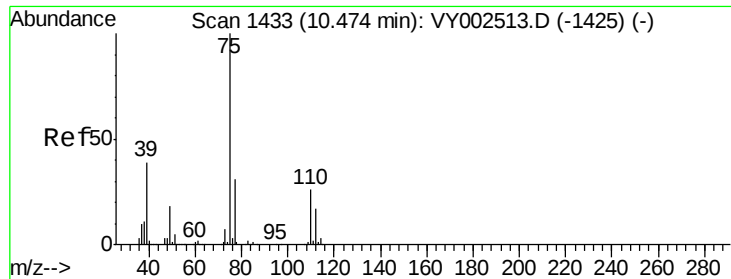
0

Time-->

10.20

10.30





#53

t-1,3-Dichloropropene

Concen: 5.170 ug/l

RT: 10.48 min Scan# 1434

Delta R.T. 0.01 min

Lab File: VY002608.D

Acq: 06 May 2020 12:25

Instrument :

MSVOA_Y

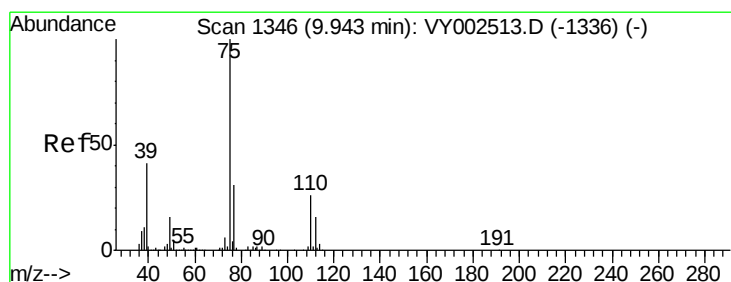
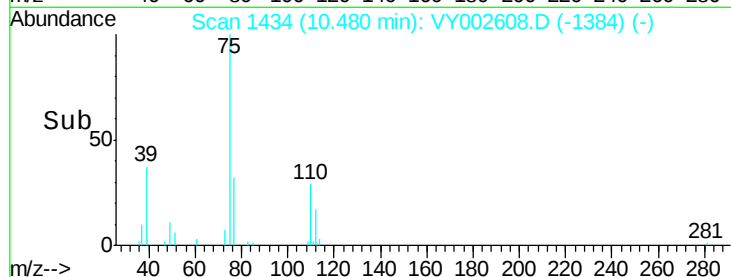
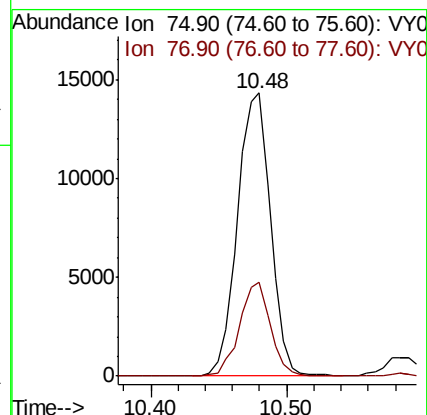
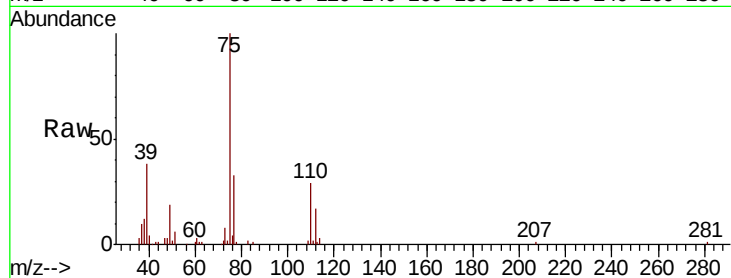
ClientSampleId :

Tot Ion: 75 Resp: 24215

Ion Ratio Lower Upper

75 100

77 33.2 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 5.450 ug/l

RT: 9.94 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VY002608.D

Acq: 06 May 2020 12:25

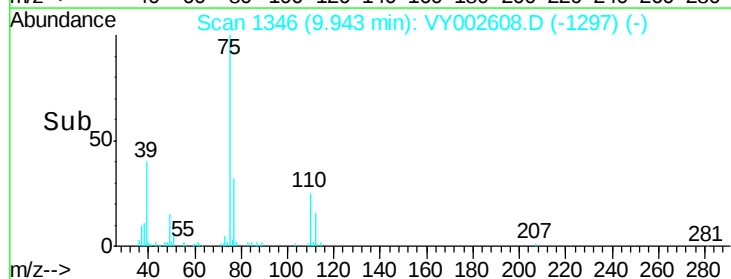
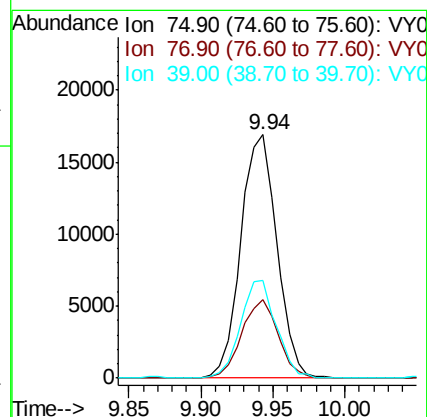
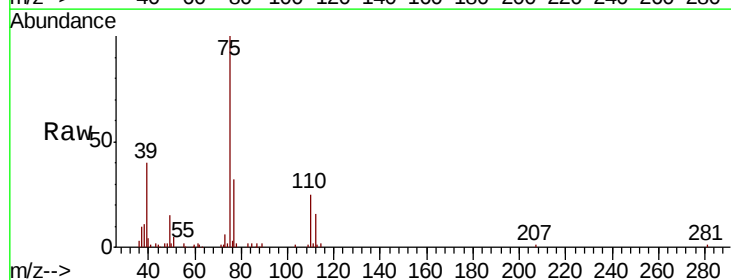
Tgt Ion: 75 Resp: 29509

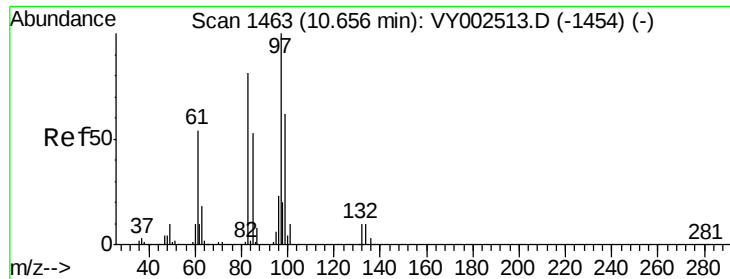
Ion Ratio Lower Upper

75 100

77 32.0 25.1 37.7

39 40.4 32.7 49.1

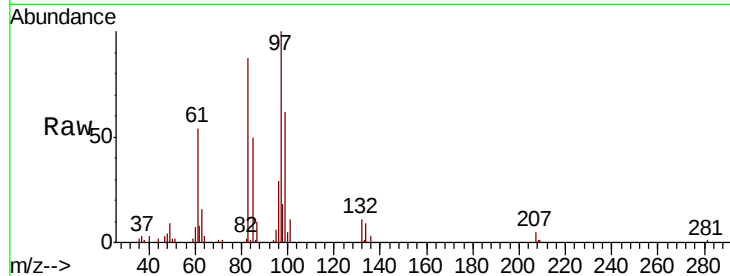




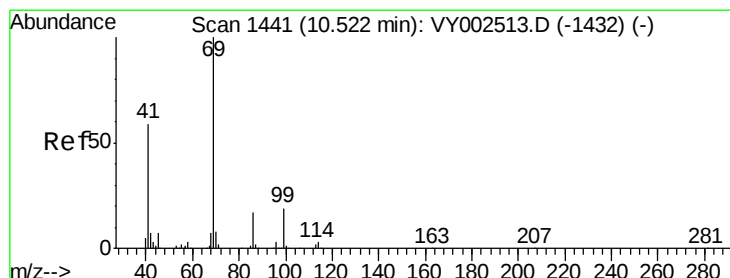
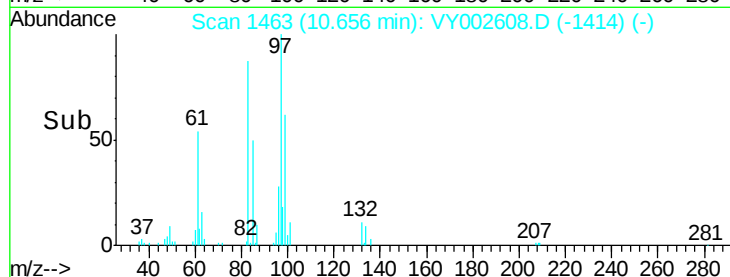
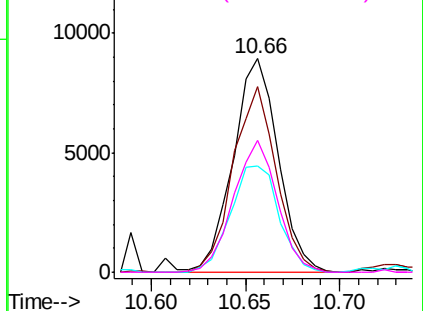
#55
 1,1,2-Trichloroethane
 Concen: 5.514 ug/l
 RT: 10.66 min Scan# 1463
 Delta R.T. -0.00 min
 Lab File: VY002608.D
 Acq: 06 May 2020 12:25

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion:	97	Resp:	14784
Ion	Ratio	Lower	Upper
97	100		
83	86.8	65.1	97.7
85	50.0	42.7	64.1
99	61.9	50.0	75.0

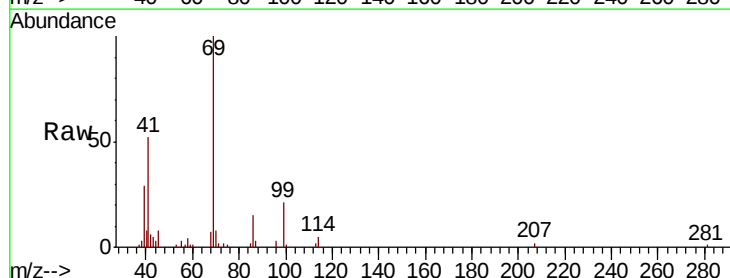


Abundance Ion 96.90 (96.60 to 97.60): VY0
 Ion 82.90 (82.60 to 83.60): VY0
 Ion 84.90 (84.60 to 85.60): VY0
 Ion 98.90 (98.60 to 99.60): VY0

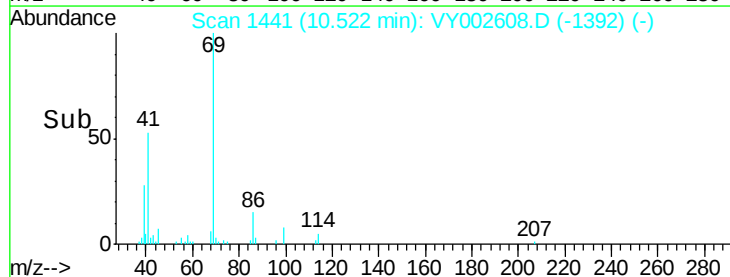
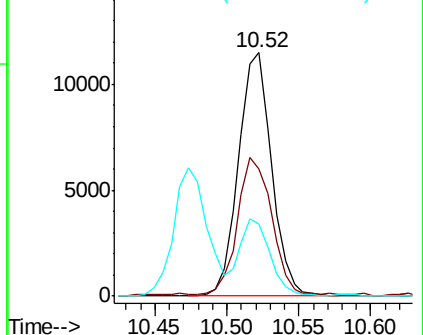


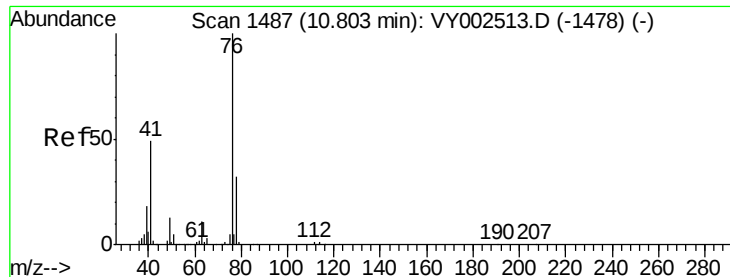
#56
 Ethyl methacrylate
 Concen: 5.153 ug/l
 RT: 10.52 min Scan# 1441
 Delta R.T. -0.00 min
 Lab File: VY002608.D
 Acq: 06 May 2020 12:25

Tgt Ion:	69	Resp:	18377
Ion	Ratio	Lower	Upper
69	100		
41	60.5	48.6	73.0
39	29.8	25.0	37.4



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





#57

1,3-Dichloropropane

Concen: 5.446 ug/l

RT: 10.80 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VY002608.D

Acq: 06 May 2020 12:25

Instrument :

MSVOA_Y

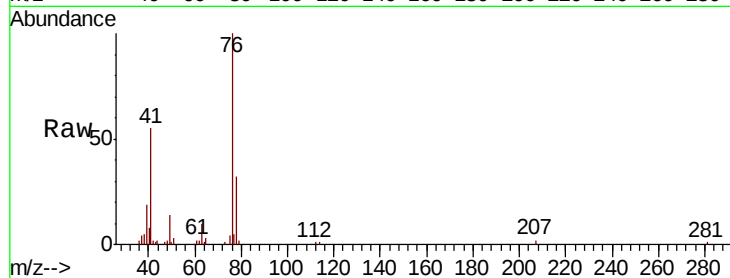
ClientSampleId :

Tot Ion: 76 Resp: 24761

Ion Ratio Lower Upper

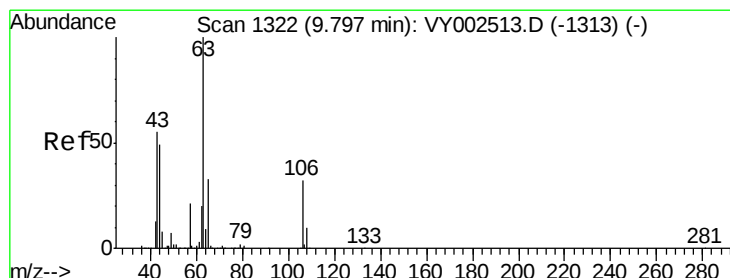
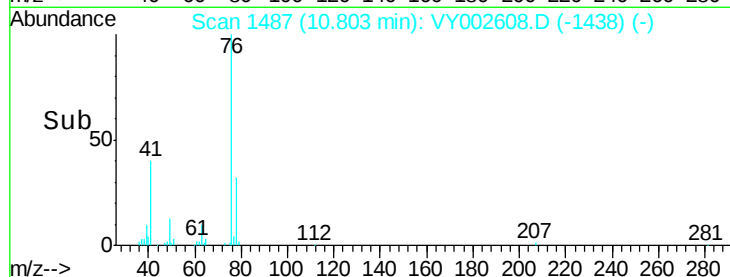
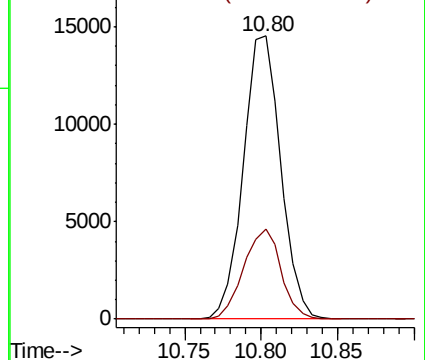
76 100

78 31.7 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: 25.815 ug/l

RT: 9.80 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VY002608.D

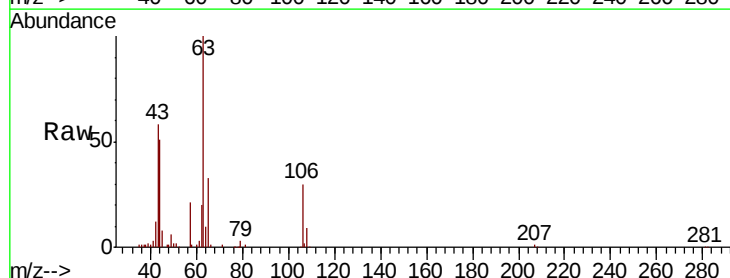
Acq: 06 May 2020 12:25

Tgt Ion: 63 Resp: 48554

Ion Ratio Lower Upper

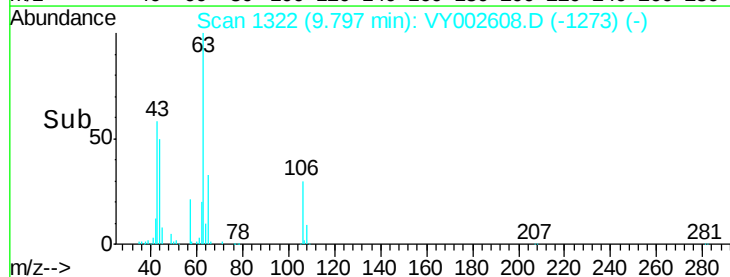
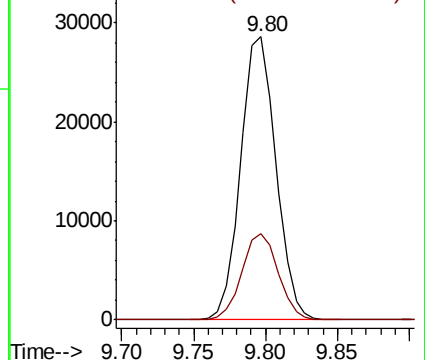
63 100

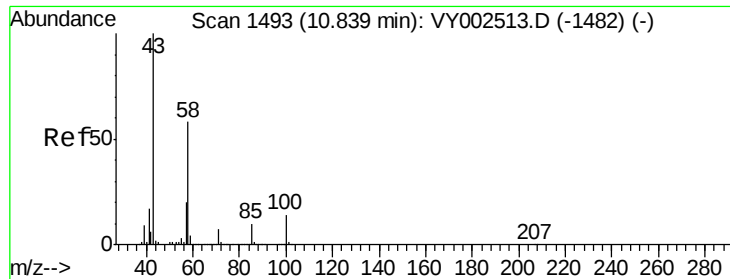
106 31.2 25.2 37.8



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

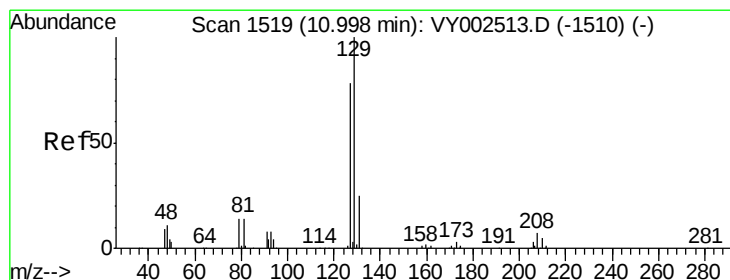
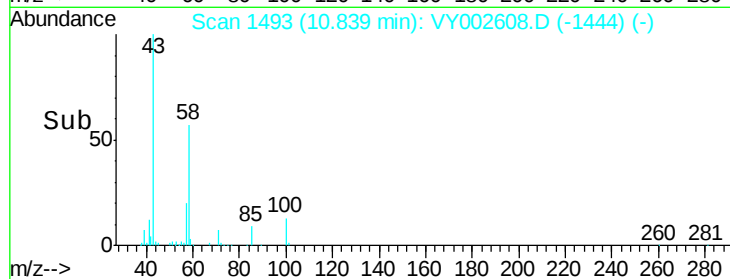
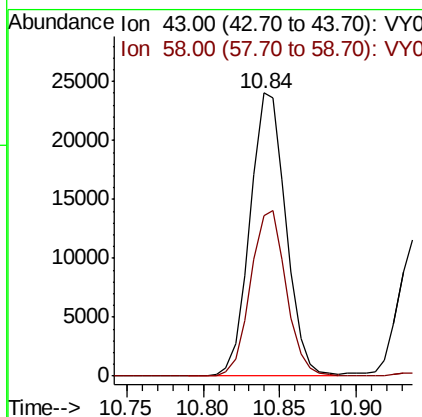
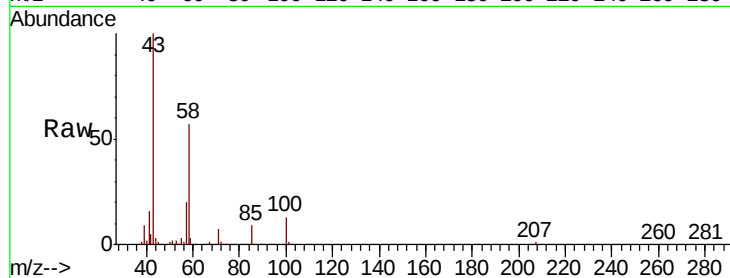




#59
2-Hexanone
Concen: 25.077 ug/l
RT: 10.84 min Scan# 1493
Delta R.T. -0.00 min
Lab File: VY002608.D
Acq: 06 May 2020 12:25

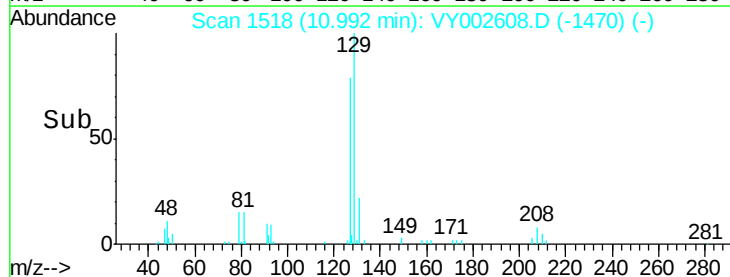
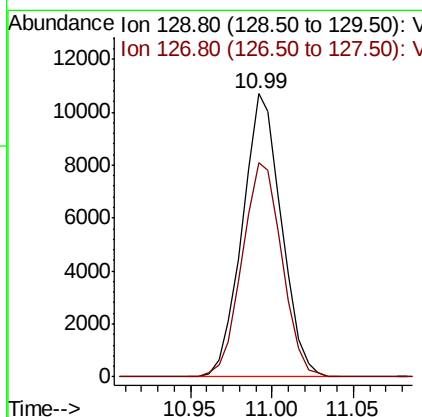
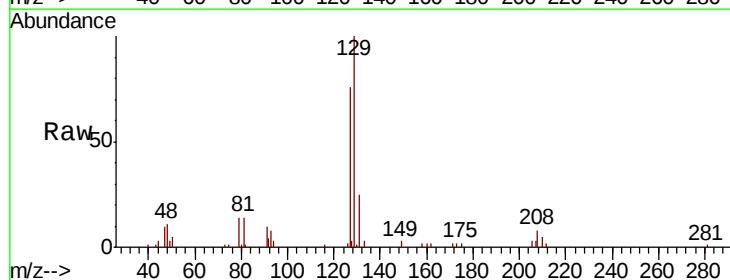
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 43 Resp: 39288
Ion Ratio Lower Upper
43 100
58 58.2 29.1 87.3



#60
Dibromochloromethane
Concen: 5.216 ug/l
RT: 10.99 min Scan# 1518
Delta R.T. -0.01 min
Lab File: VY002608.D
Acq: 06 May 2020 12:25

Tgt Ion: 129 Resp: 17785
Ion Ratio Lower Upper
129 100
127 77.1 39.0 117.0





#61

1,2-Dibromoethane

Concen: 5.273 ug/l

RT: 11.10 min Scan# 1536

Delta R.T. -0.00 min

Lab File: VY002608.D

Acq: 06 May 2020 12:25

Instrument :

MSVOA_Y

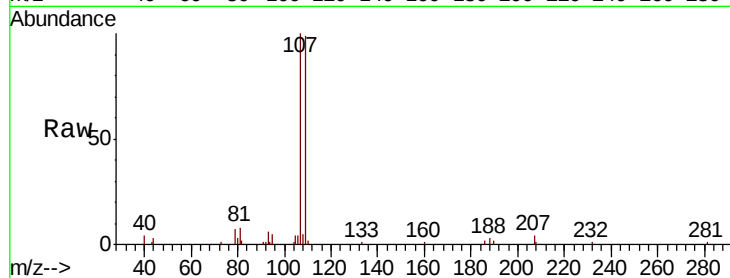
ClientSampleId :

Tot Ion:107 Resp: 13997

Ion Ratio Lower Upper

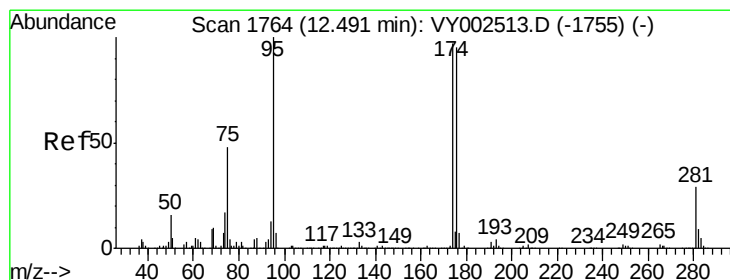
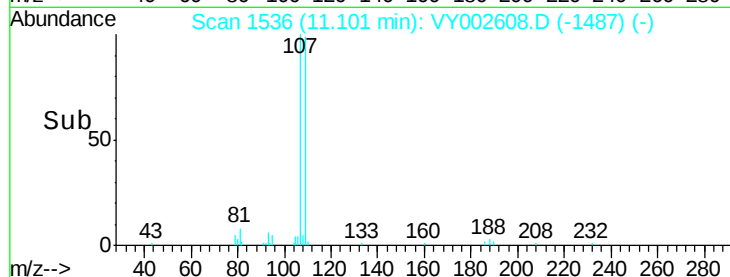
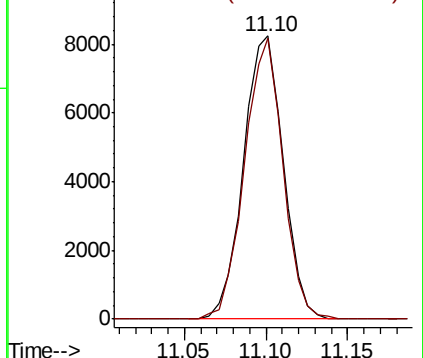
107 100

109 95.4 75.8 113.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 53.255 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. -0.00 min

Lab File: VY002608.D

Acq: 06 May 2020 12:25

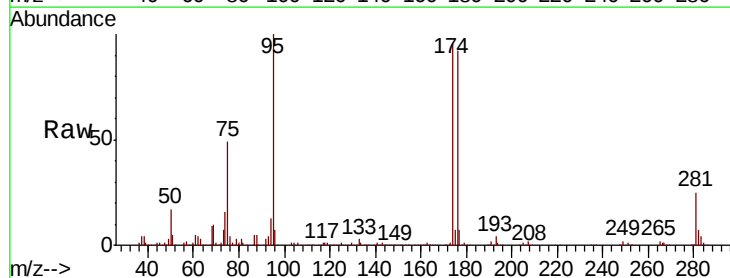
Tgt Ion: 95 Resp: 220689

Ion Ratio Lower Upper

95 100

174 94.6 0.0 188.8

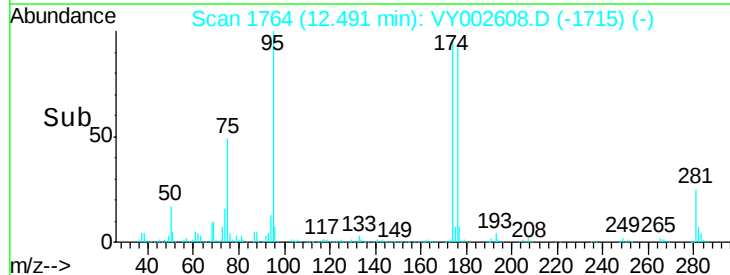
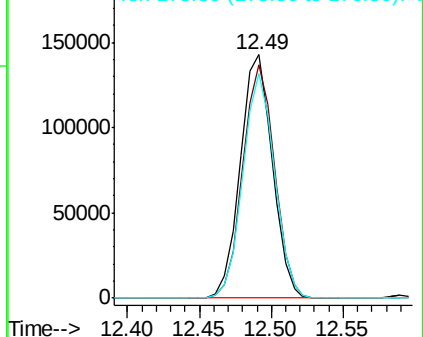
176 90.7 0.0 183.2



Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

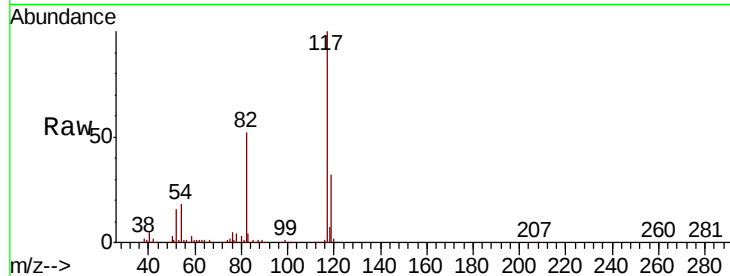




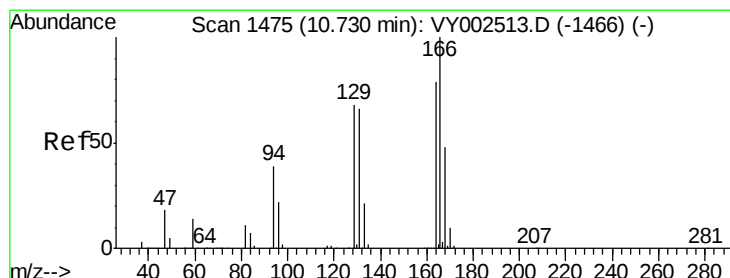
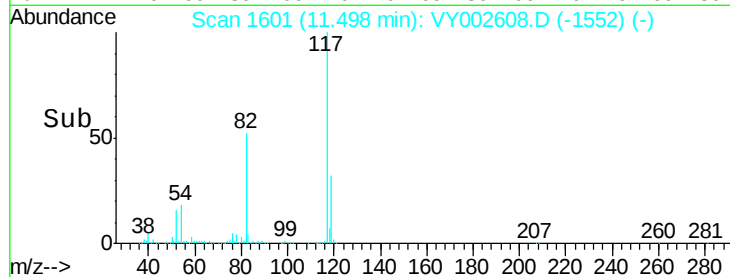
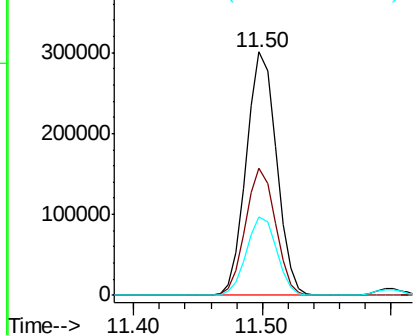
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VY002608.D
Acq: 06 May 2020 12:25

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:117 Resp: 487050
Ion Ratio Lower Upper
117 100
82 52.4 41.3 61.9
119 32.4 26.0 39.0

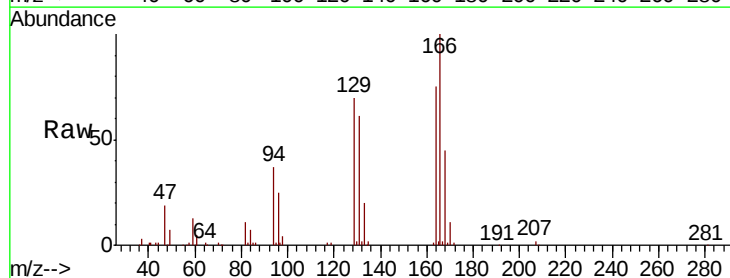


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

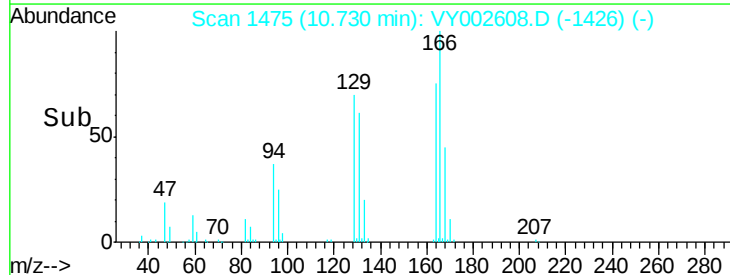
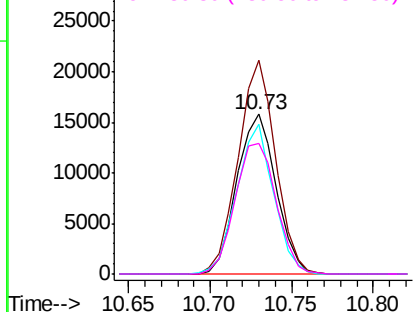


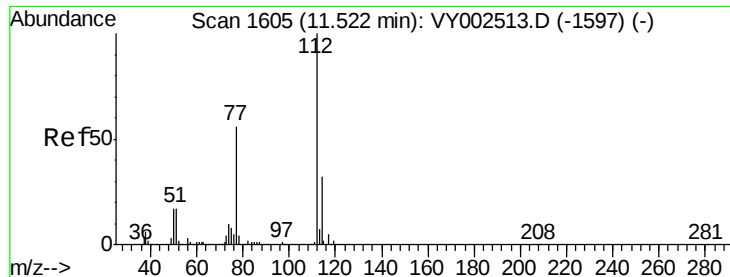
#64
Tetrachloroethene
Concen: 6.112 ug/l
RT: 10.73 min Scan# 1475
Delta R.T. -0.00 min
Lab File: VY002608.D
Acq: 06 May 2020 12:25

Tgt Ion:164 Resp: 26451
Ion Ratio Lower Upper
164 100
166 133.5 100.7 151.1
129 93.6 68.3 102.5
131 81.6 66.8 100.2



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

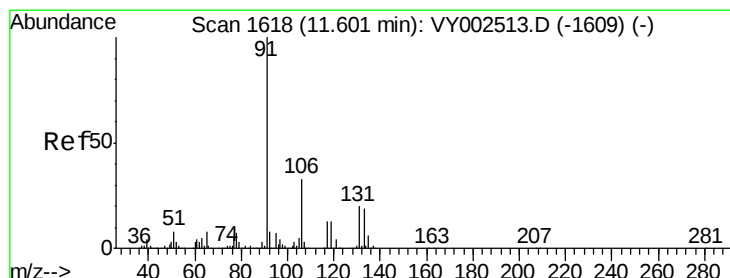
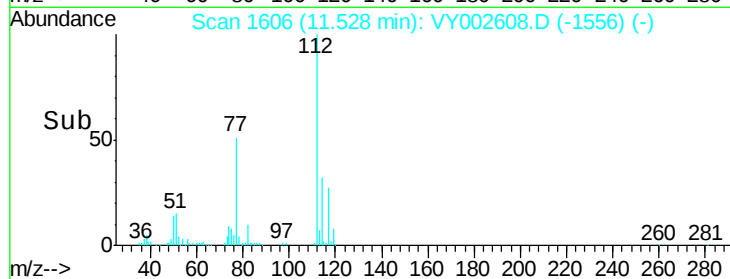
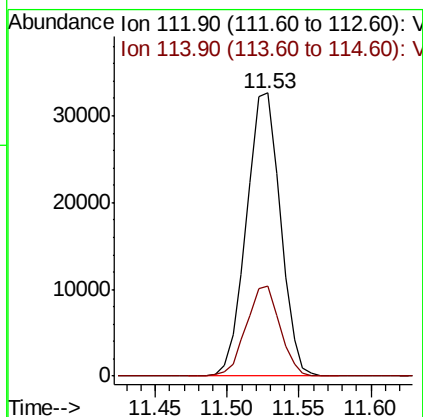
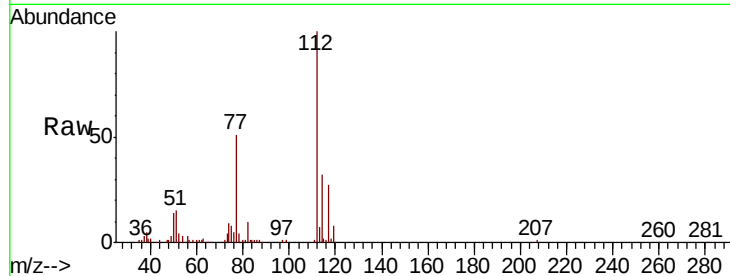




#65
Chlorobenzene
Concen: 5.741 ug/l
RT: 11.53 min Scan# 1606
Delta R.T. 0.01 min
Lab File: VY002608.D
Acq: 06 May 2020 12:25

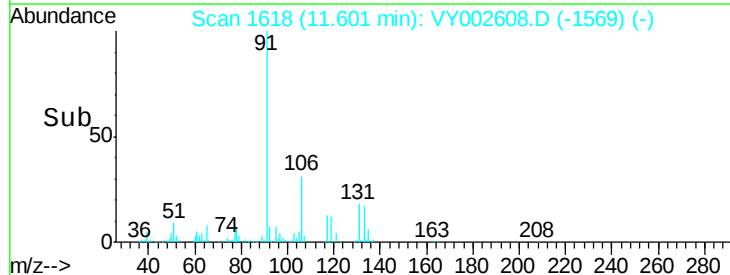
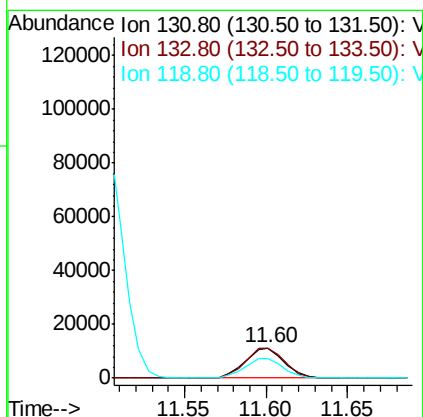
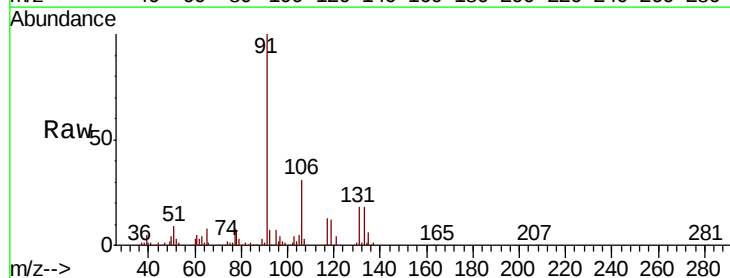
Instrument :
MSVOA_Y
ClientSampleId :

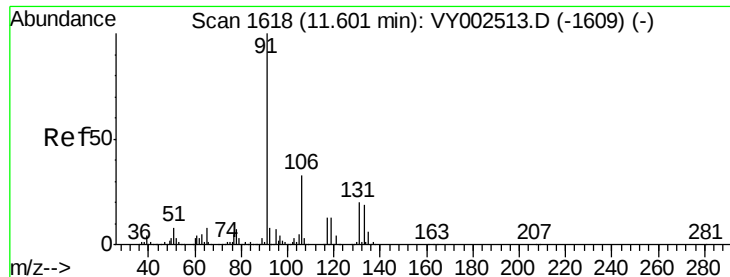
Tot Ion:112 Resp: 53157
Ion Ratio Lower Upper
112 100
114 32.0 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 5.400 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VY002608.D
Acq: 06 May 2020 12:25

Tgt Ion:131 Resp: 18559
Ion Ratio Lower Upper
131 100
133 101.2 48.1 144.4
119 65.4 31.6 95.0





#67

Ethyl Benzene

Concen: 5.762 ug/l

RT: 11.60 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VY002608.D

Acq: 06 May 2020 12:25

Instrument :

MSVOA_Y

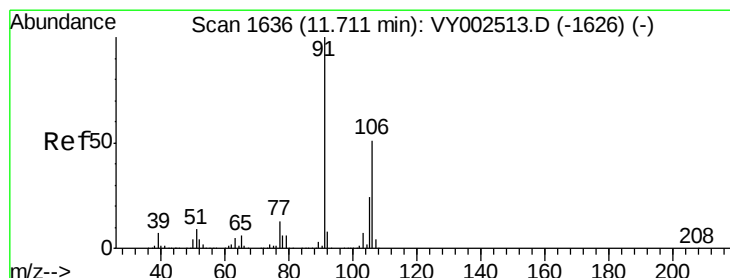
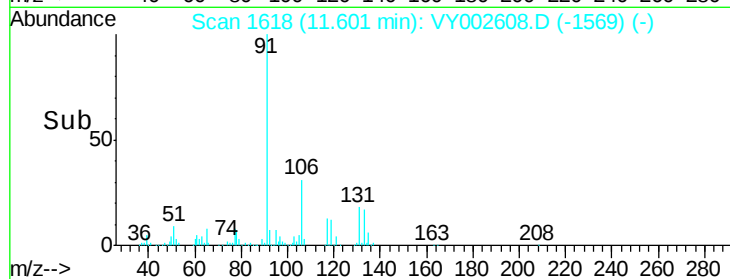
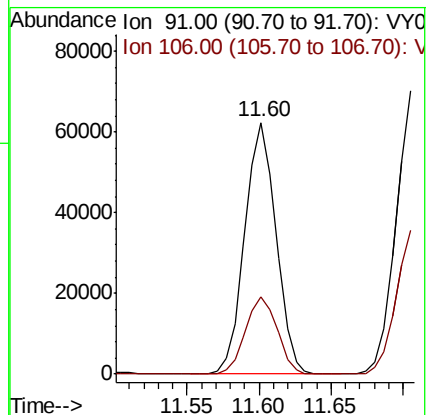
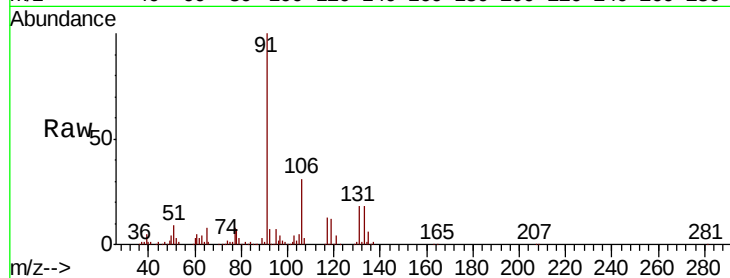
ClientSampleId :

Tot Ion: 91 Resp: 93713

Ion Ratio Lower Upper

91 100

106 30.9 26.1 39.1



#68

m/p-Xylenes

Concen: 11.538 ug/l

RT: 11.71 min Scan# 1636

Delta R.T. -0.00 min

Lab File: VY002608.D

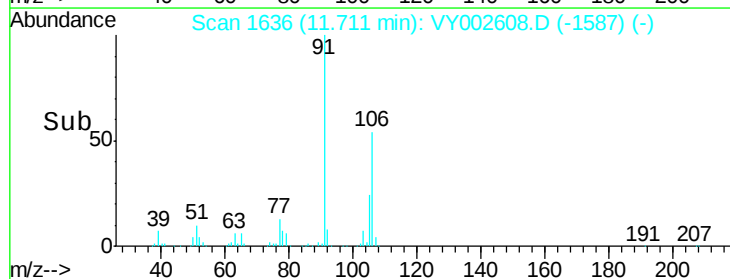
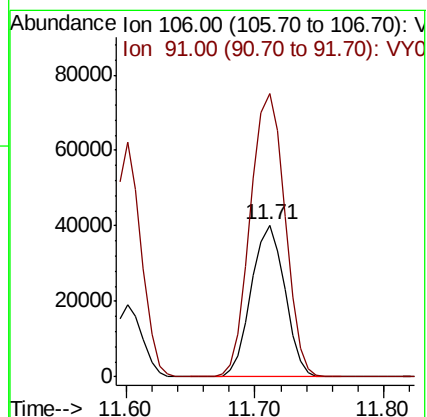
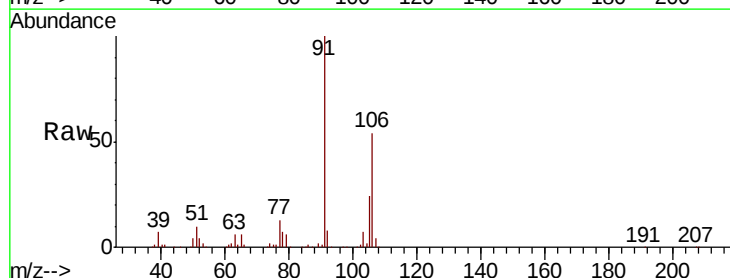
Acq: 06 May 2020 12:25

Tgt Ion: 106 Resp: 72608

Ion Ratio Lower Upper

106 100

91 192.5 155.2 232.8

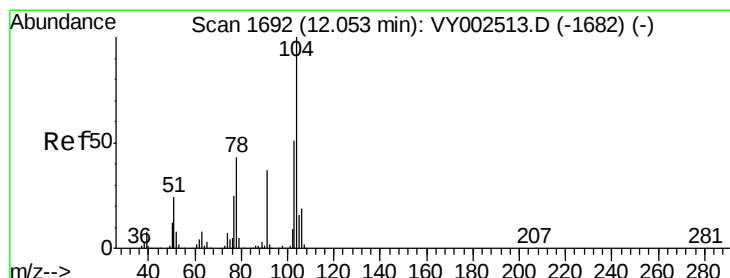
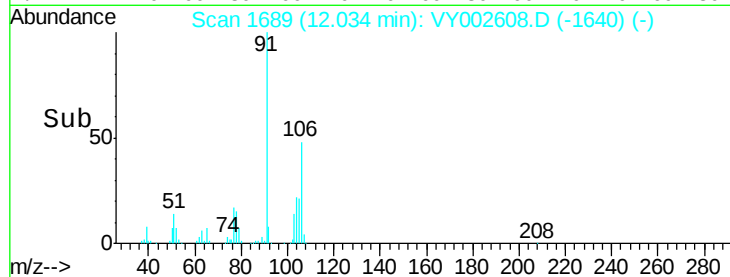
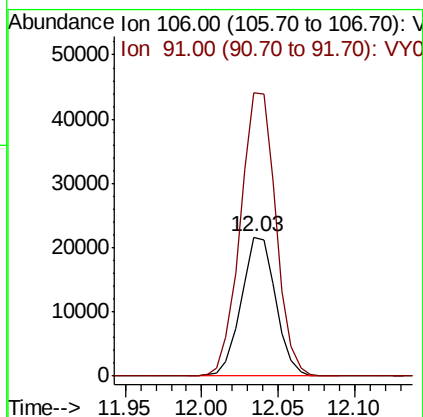
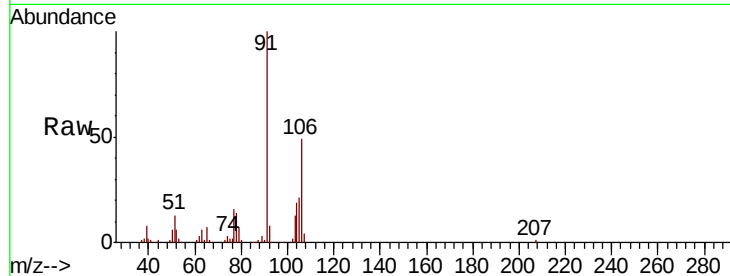




#69
o-Xylene
Concen: 5.749 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. -0.00 min
Lab File: VY002608.D
Acq: 06 May 2020 12:25

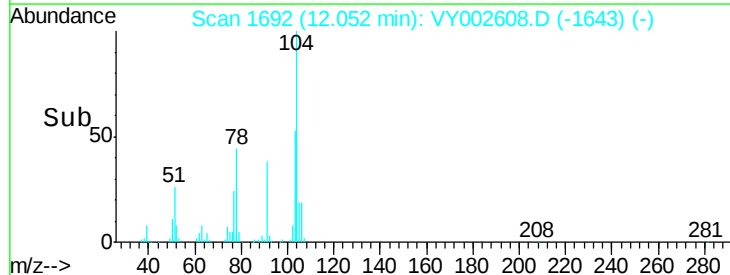
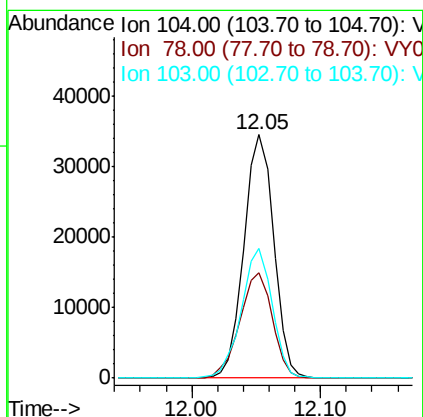
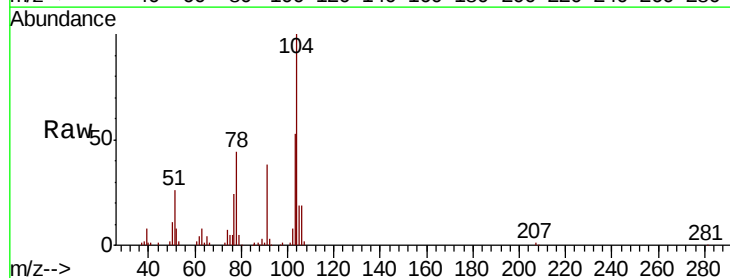
Instrument :
MSVOA_Y
ClientSampleId :

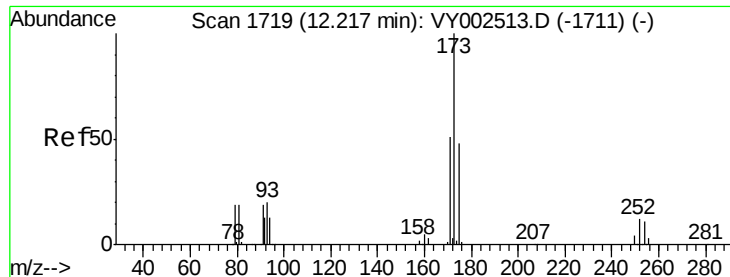
Tot Ion:106 Resp: 33872
Ion Ratio Lower Upper
106 100
91 209.2 103.8 311.3



#70
Styrene
Concen: 5.491 ug/l
RT: 12.05 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VY002608.D
Acq: 06 May 2020 12:25

Tgt Ion:104 Resp: 55306
Ion Ratio Lower Upper
104 100
78 47.1 37.4 56.0
103 54.9 43.9 65.9

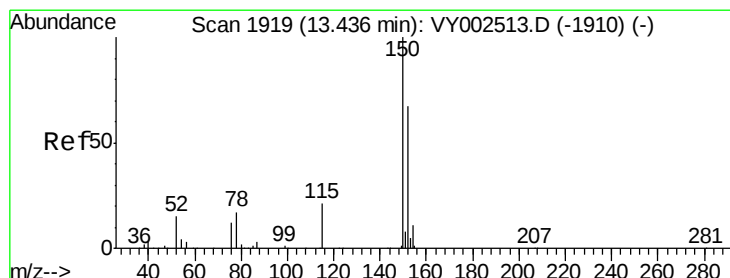
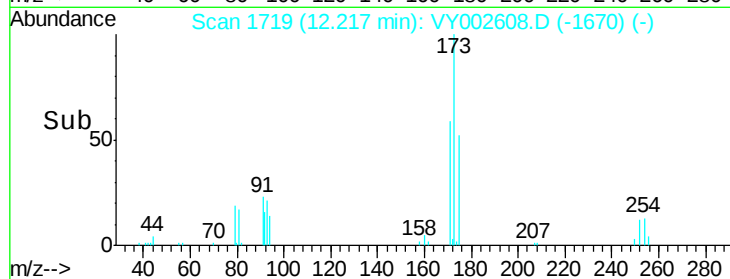
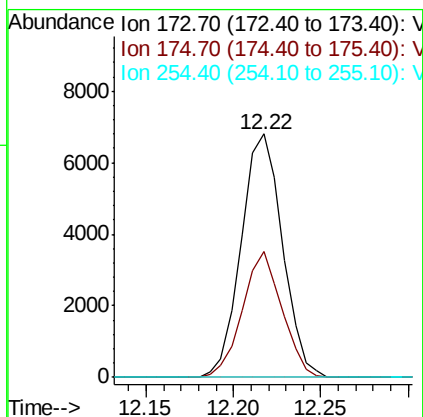
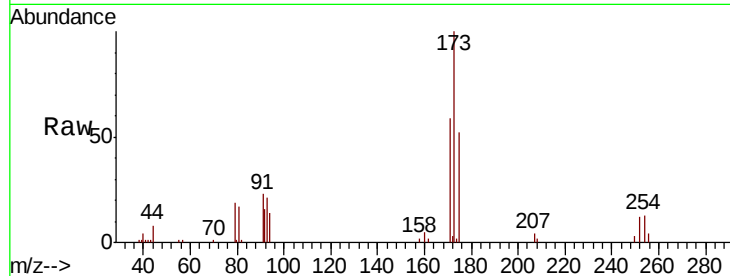




#71
Bromoform
Concen: 5.228 ug/l
RT: 12.22 min Scan# 1719
Delta R.T. -0.00 min
Lab File: VY002608.D
Acq: 06 May 2020 12:25

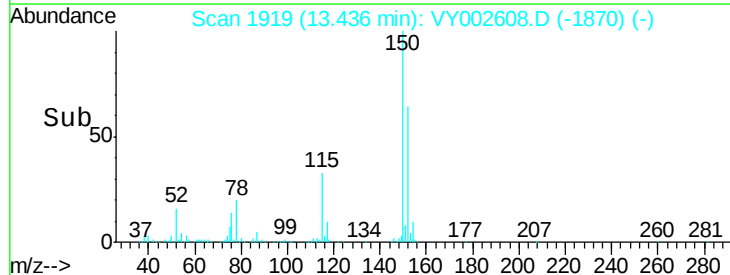
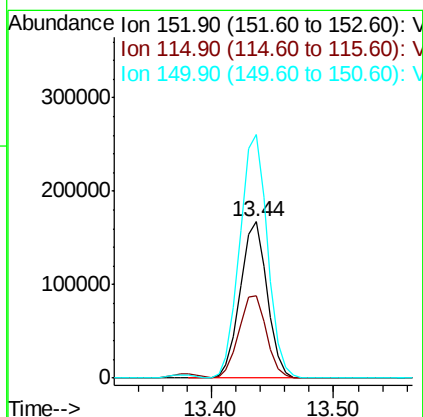
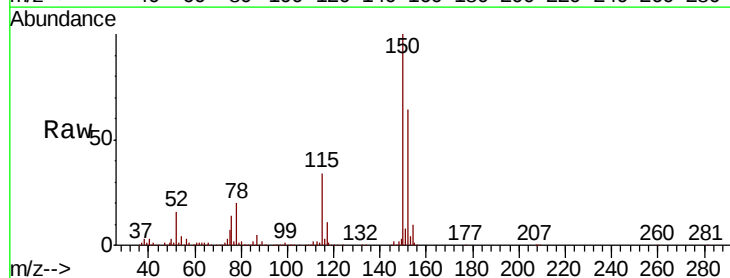
Instrument :
MSVOA_Y
ClientSampled :

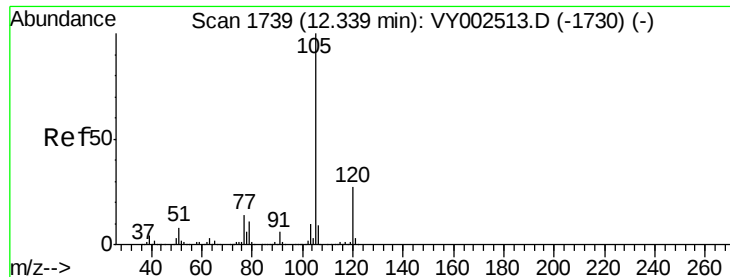
Tot Ion:173 Resp: 11153
Ion Ratio Lower Upper
173 100
175 49.5 24.3 72.8
254 0.0 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. -0.00 min
Lab File: VY002608.D
Acq: 06 May 2020 12:25

Tgt Ion:152 Resp: 255591
Ion Ratio Lower Upper
152 100
115 53.9 27.5 82.4
150 160.2 0.0 346.4





#73

Isopropylbenzene

Concen: 5.555 ug/l

RT: 12.34 min Scan# 1739

Delta R.T. -0.00 min

Lab File: VY002608.D

Acq: 06 May 2020 12:25

Instrument :

MSVOA_Y

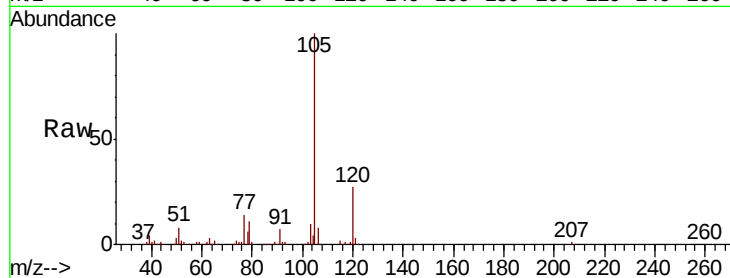
ClientSampleId :

Tot Ion:105 Resp: 92014

Ion Ratio Lower Upper

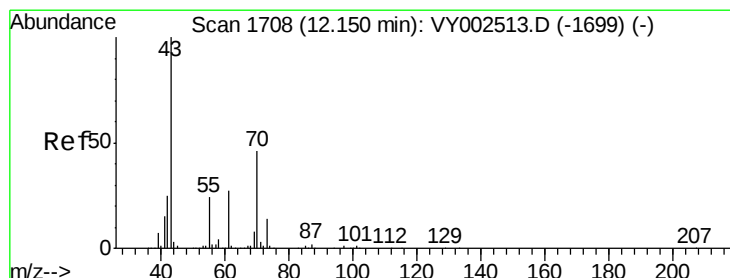
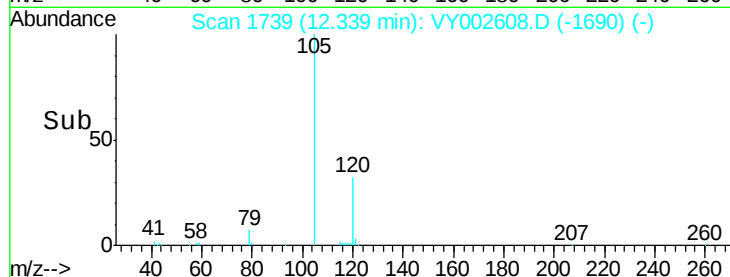
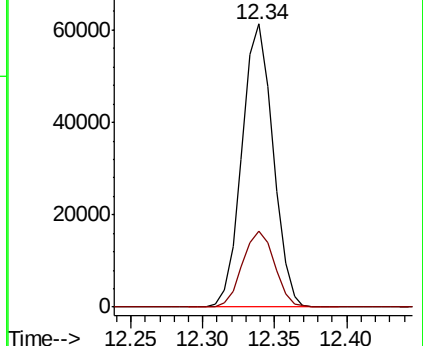
105 100

120 27.6 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: 5.186 ug/l

RT: 12.15 min Scan# 1708

Delta R.T. -0.00 min

Lab File: VY002608.D

Acq: 06 May 2020 12:25

Tgt Ion: 43 Resp: 20664

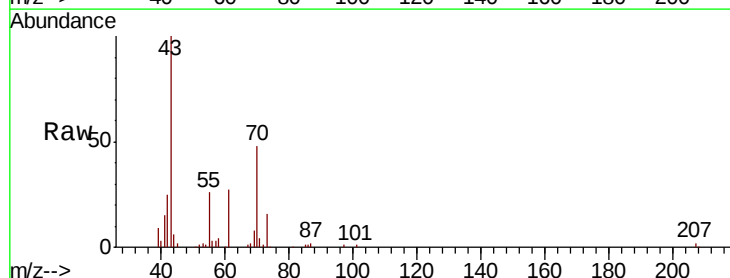
Ion Ratio Lower Upper

43 100

70 46.9 36.7 55.1

55 26.2 19.2 28.8

61 26.5 21.1 31.7

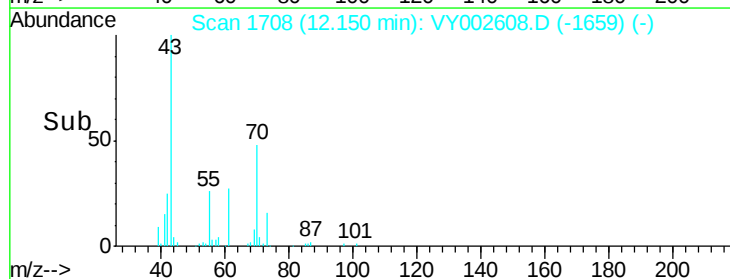
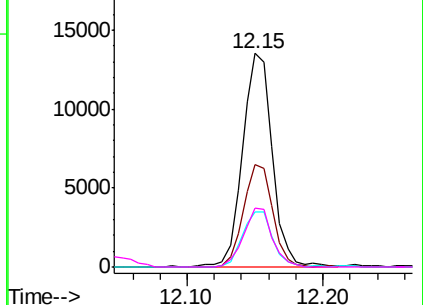


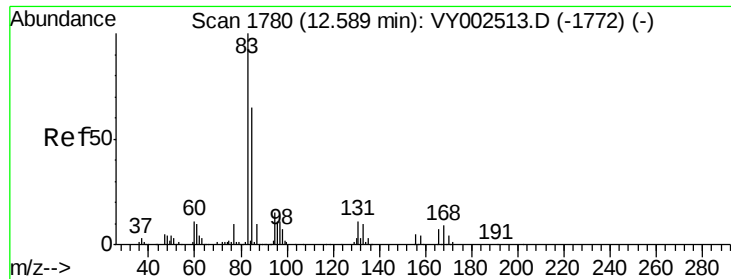
Abundance Ion 43.00 (42.70 to 43.70): VY0

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: 5.023 ug/l

RT: 12.59 min Scan# 1780

Delta R.T. -0.00 min

Lab File: VY002608.D

Acq: 06 May 2020 12:25

Instrument :

MSVOA_Y

ClientSampled :

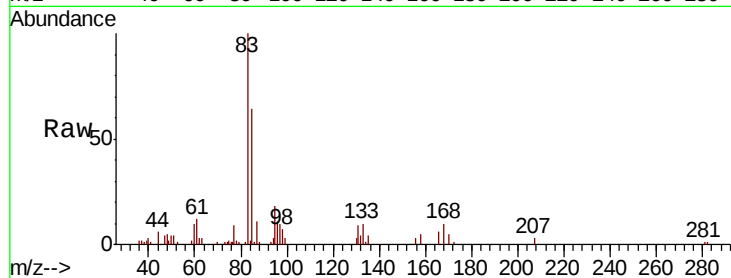
Tot Ion: 83 Resp: 13233

Ion Ratio Lower Upper

83 100

131 11.2 5.9 17.8

85 64.9 31.9 95.9



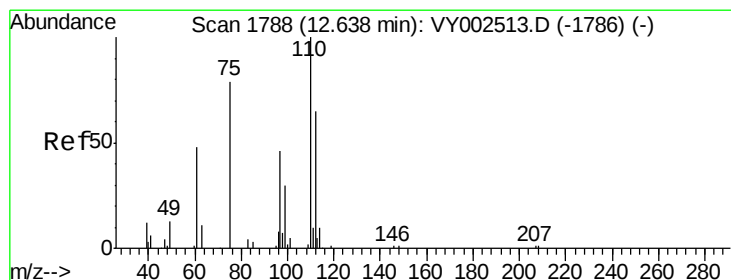
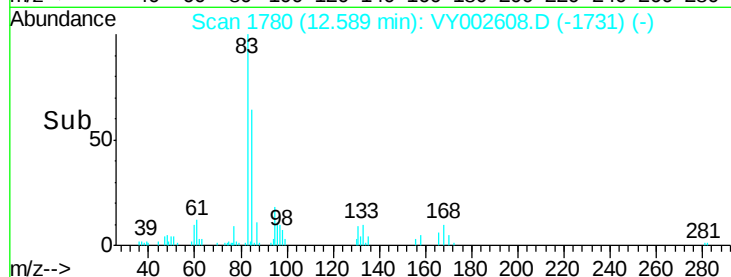
Abundance Ion 82.90 (82.60 to 83.60): VY002608.D (-1731) (-)

Ion 130.80 (130.50 to 131.50): VY002608.D (-1731) (-)

Ion 84.90 (84.60 to 85.60): VY002608.D (-1731) (-)

12.59

Time-->



#76

1,2,3-Trichloropropane

Concen: 9.158 ug/l

RT: 12.64 min Scan# 1789

Delta R.T. 0.01 min

Lab File: VY002608.D

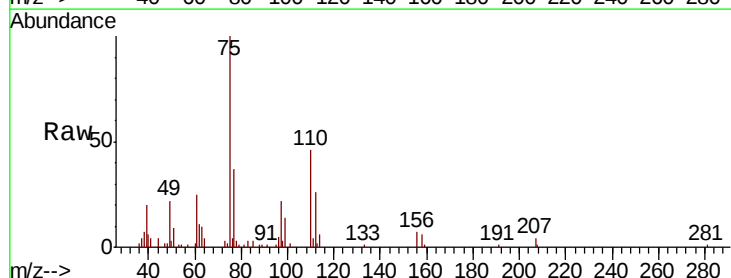
Acq: 06 May 2020 12:25

Tgt Ion: 75 Resp: 20800

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

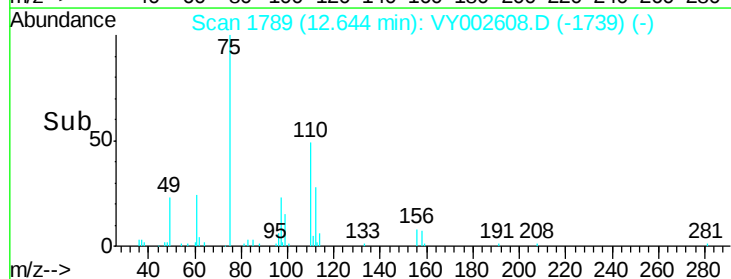


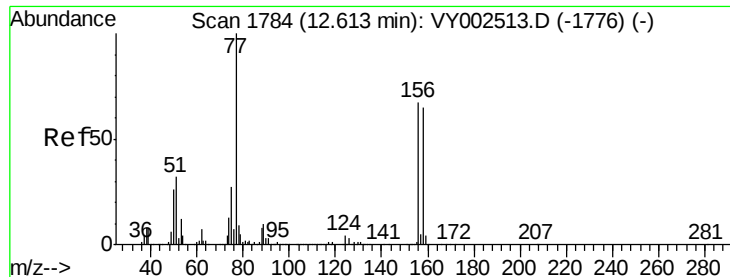
Abundance Ion 74.90 (74.60 to 75.60): VY002608.D (-1739) (-)

Ion 77.00 (76.70 to 77.70): VY002608.D (-1739) (-)

12.64

Time-->





#77

Bromobenzene

Concen: 5.513 ug/l

RT: 12.62 min Scan# 1785

Delta R.T. 0.01 min

Lab File: VY002608.D

Acq: 06 May 2020 12:25

Instrument :

MSVOA_Y

ClientSampleId :

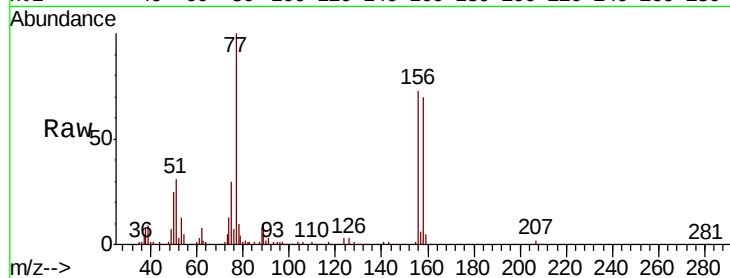
Tot Ion:156 Resp: 22814

Ion Ratio Lower Upper

156 100

77 166.0 82.0 245.8

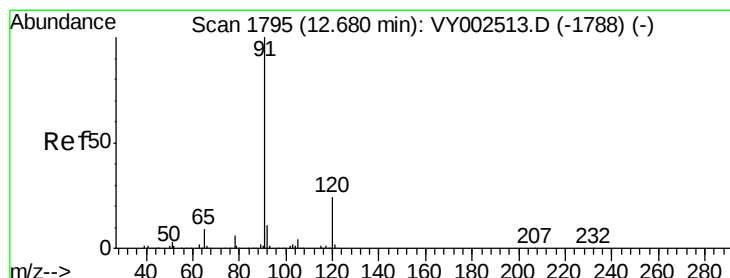
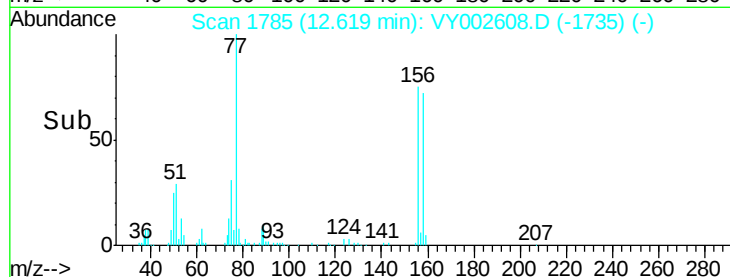
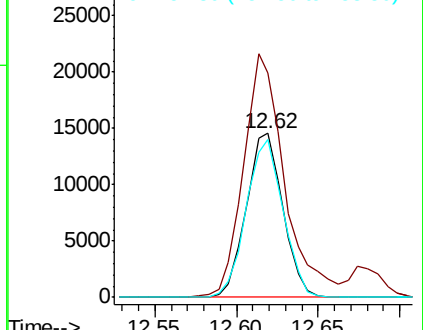
158 96.6 48.5 145.6



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: 5.596 ug/l

RT: 12.68 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VY002608.D

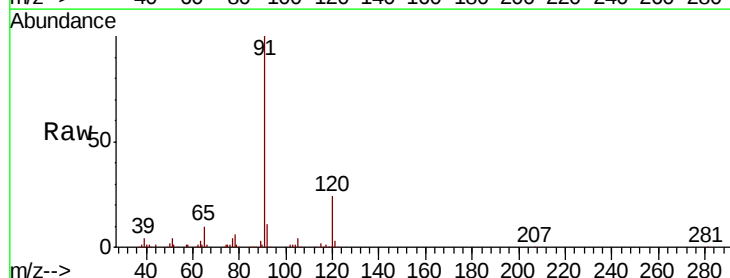
Acq: 06 May 2020 12:25

Tgt Ion: 91 Resp: 107575

Ion Ratio Lower Upper

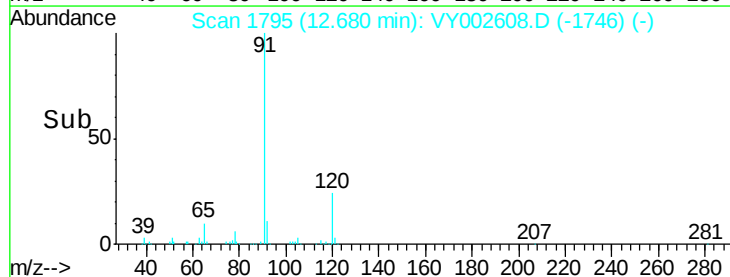
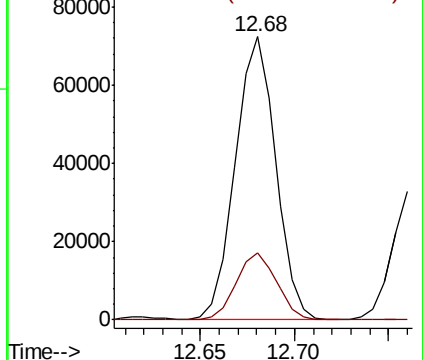
91 100

120 23.6 12.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

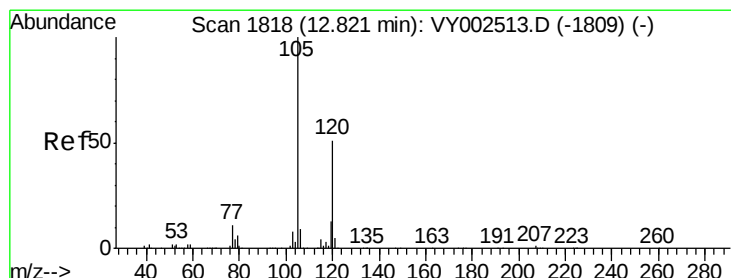
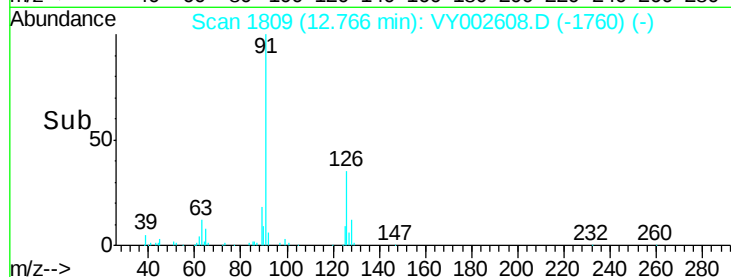
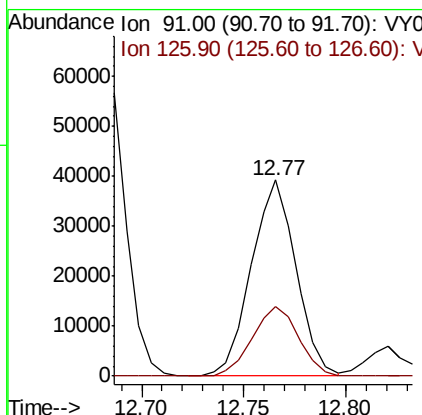
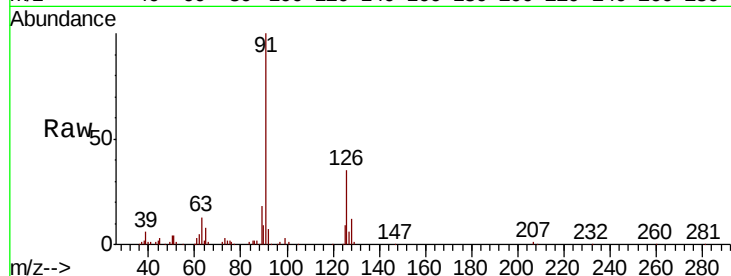




#79
 2-Chlorotoluene
 Concen: 5.636 ug/l
 RT: 12.77 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VY002608.D
 Acq: 06 May 2020 12:25

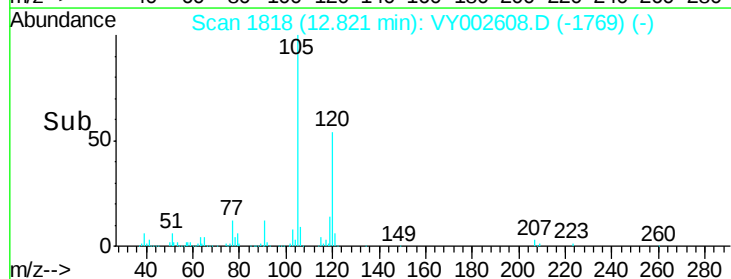
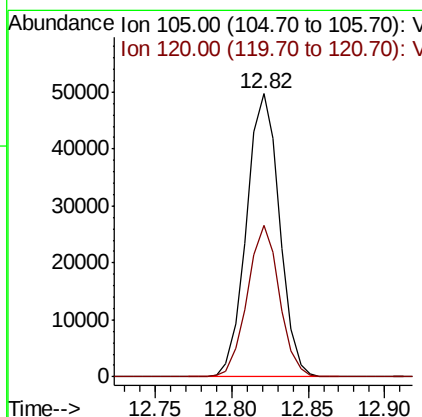
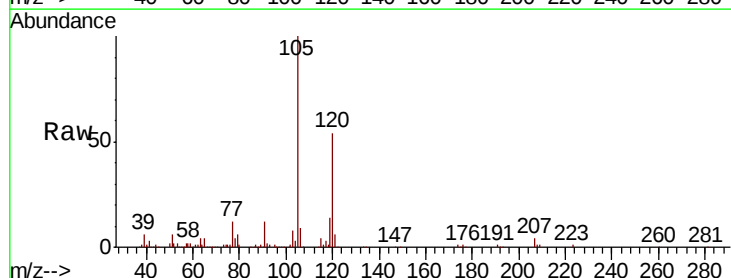
Instrument :
 MSVOA_Y
 ClientSampleId :

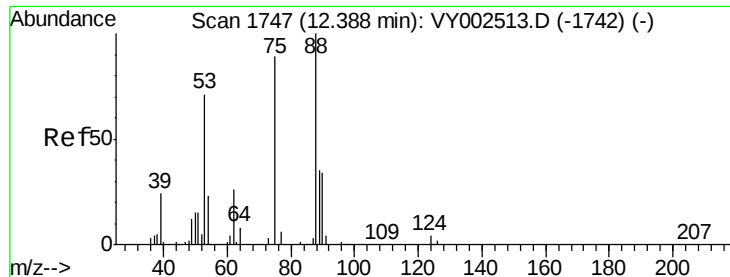
Tot Ion: 91 Resp: 60014
 Ion Ratio Lower Upper
 91 100
 126 36.5 18.4 55.2



#80
 1,3,5-Trimethylbenzene
 Concen: 5.434 ug/l
 RT: 12.82 min Scan# 1818
 Delta R.T. -0.00 min
 Lab File: VY002608.D
 Acq: 06 May 2020 12:25

Tgt Ion: 105 Resp: 74616
 Ion Ratio Lower Upper
 105 100
 120 52.0 25.3 75.9





#81

trans-1,4-Dichloro-2-butene

Concen: 5.089 ug/l

RT: 12.39 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VY002608.D

Acq: 06 May 2020 12:25

Instrument :

MSVOA_Y

ClientSampled :

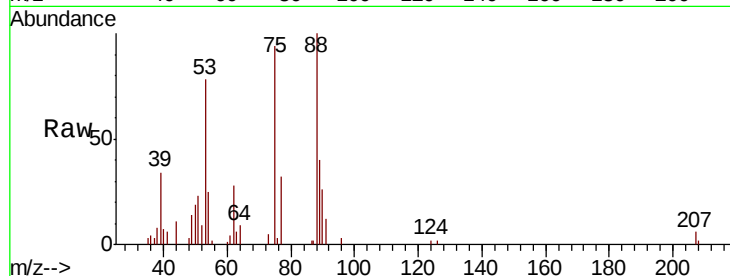
Tot Ion: 75 Resp: 5765

Ion Ratio Lower Upper

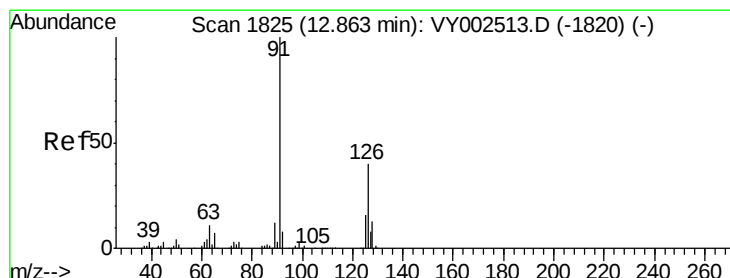
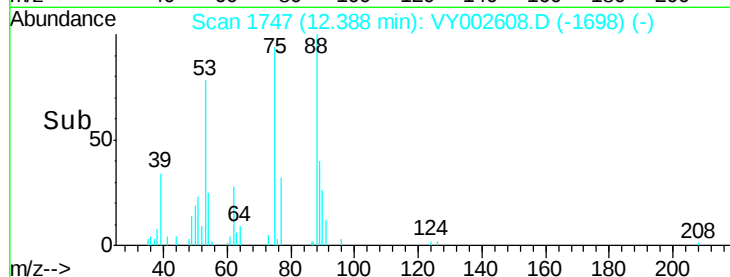
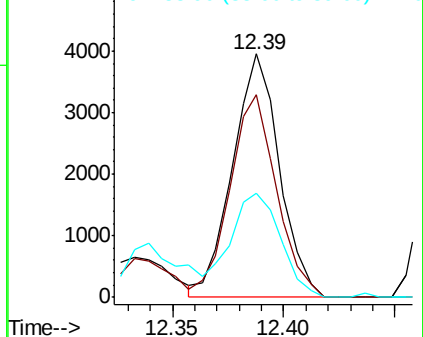
75 100

53 83.2 67.4 101.0

89 46.5 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: 5.639 ug/l

RT: 12.86 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VY002608.D

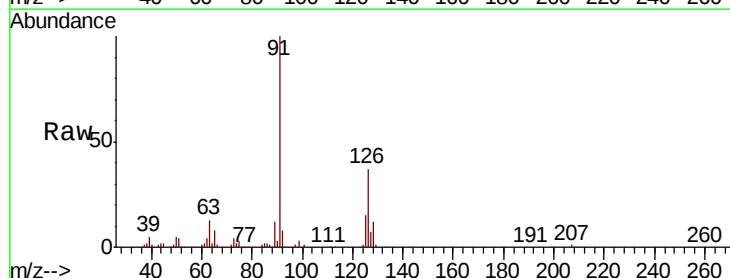
Acq: 06 May 2020 12:25

Tgt Ion: 91 Resp: 63077

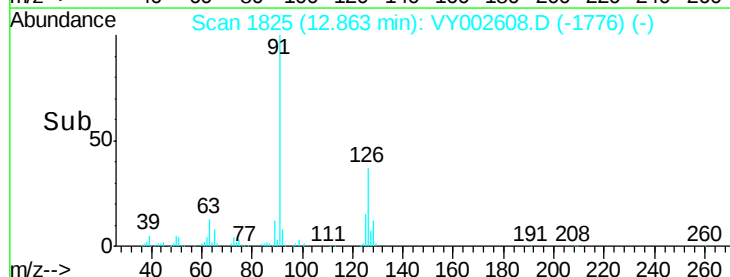
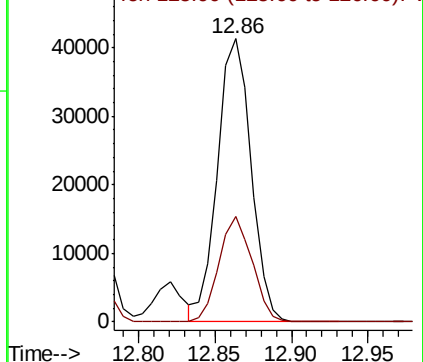
Ion Ratio Lower Upper

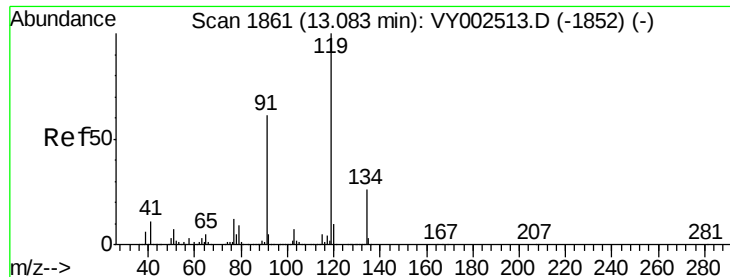
91 100

126 36.7 18.5 55.5



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

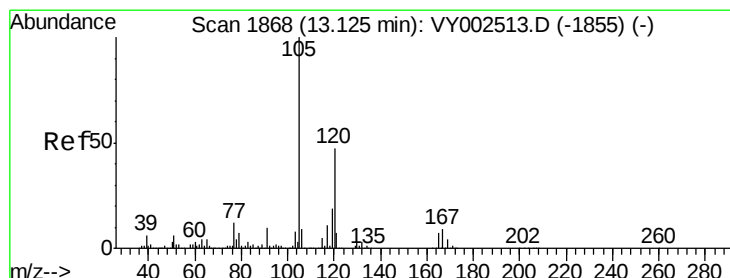
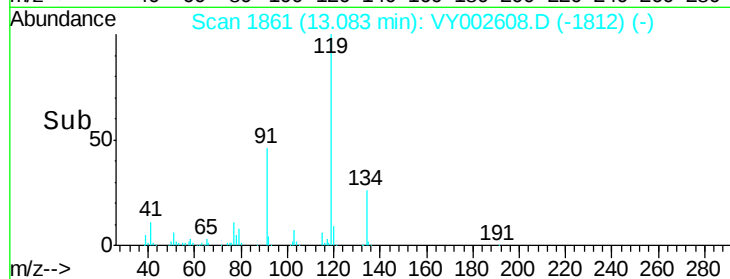
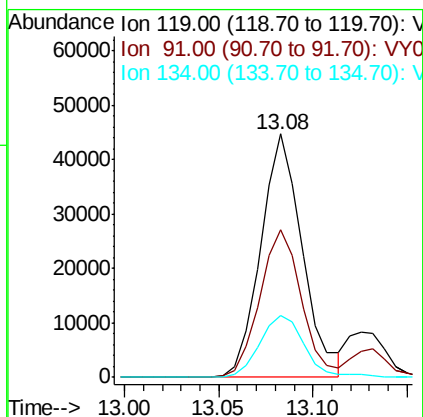
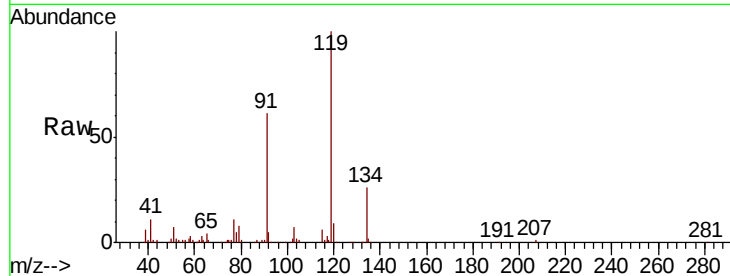




#83
 tert-Butylbenzene
 Concen: 5.687 ug/l
 RT: 13.08 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: VY002608.D
 Acq: 06 May 2020 12:25

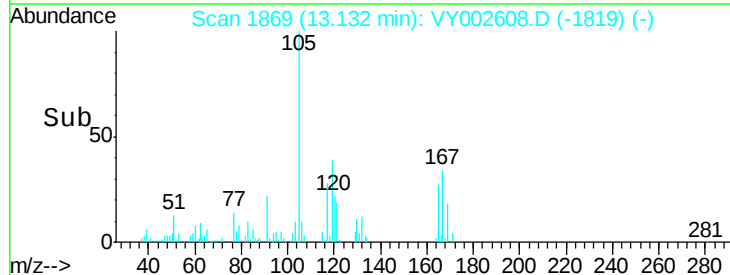
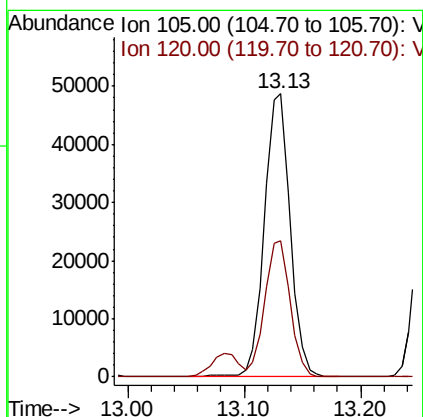
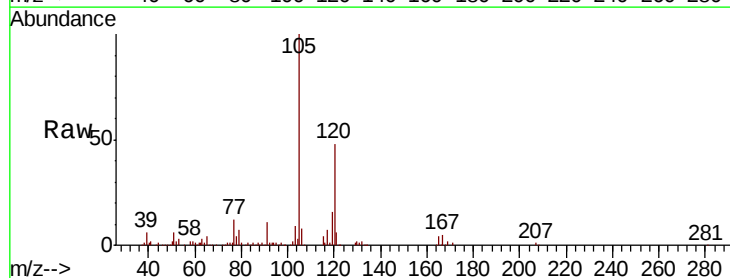
Instrument :
 MSVOA_Y
 ClientSampleId :

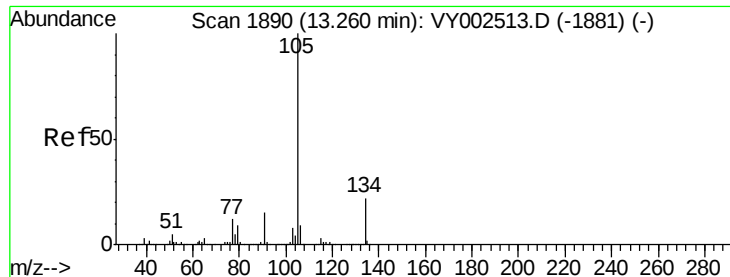
Tot Ion:119 Resp: 68475
 Ion Ratio Lower Upper
 119 100
 91 60.8 30.6 91.6
 134 27.4 13.5 40.4



#84
 1,2,4-Trimethylbenzene
 Concen: 5.495 ug/l
 RT: 13.13 min Scan# 1869
 Delta R.T. 0.01 min
 Lab File: VY002608.D
 Acq: 06 May 2020 12:25

Tgt Ion:105 Resp: 75191
 Ion Ratio Lower Upper
 105 100
 120 47.5 23.4 70.3





#85

sec-Butylbenzene

Concen: 5.630 ug/l

RT: 13.26 min Scan# 1890

Delta R.T. -0.00 min

Lab File: VY002608.D

Acq: 06 May 2020 12:25

Instrument :

MSVOA_Y

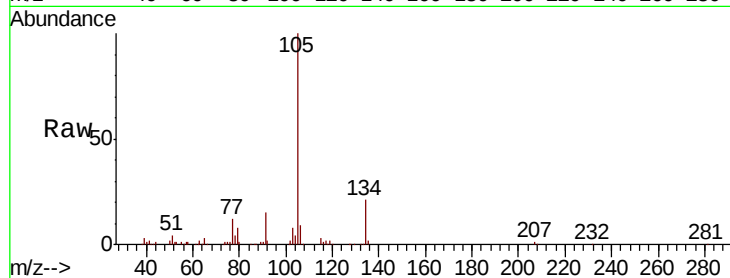
ClientSampleId :

Tot Ion:105 Resp: 94060

Ion Ratio Lower Upper

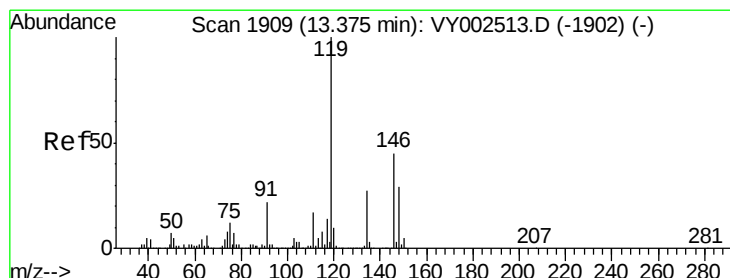
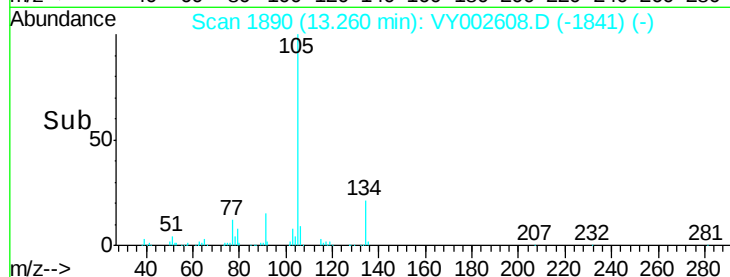
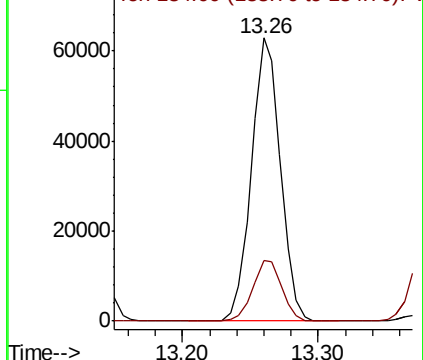
105 100

134 21.4 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: 5.565 ug/l

RT: 13.38 min Scan# 1909

Delta R.T. -0.00 min

Lab File: VY002608.D

Acq: 06 May 2020 12:25

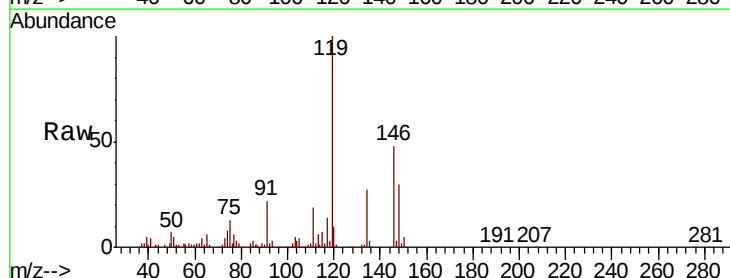
Tgt Ion:119 Resp: 87107

Ion Ratio Lower Upper

119 100

134 27.7 13.5 40.5

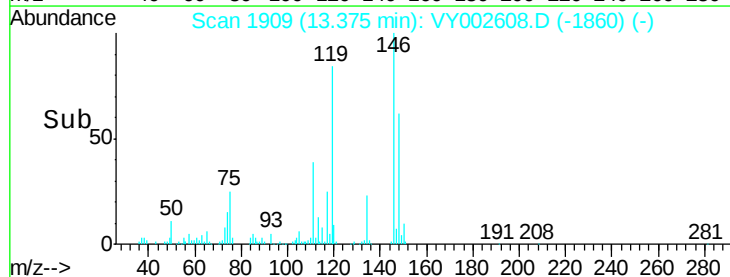
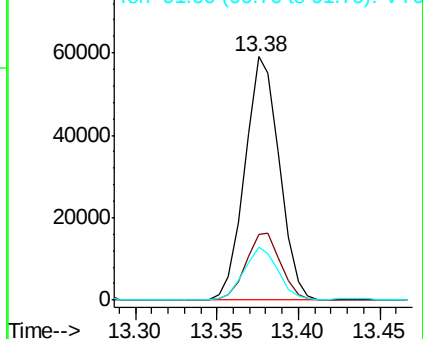
91 21.4 10.9 32.9



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

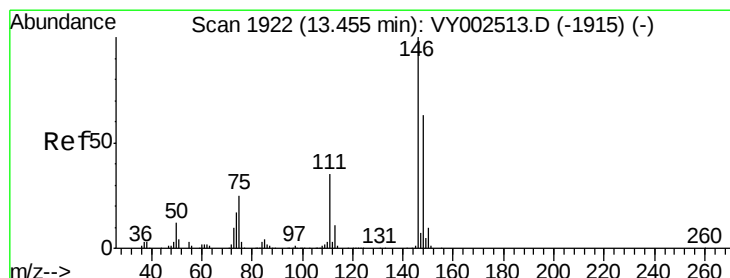
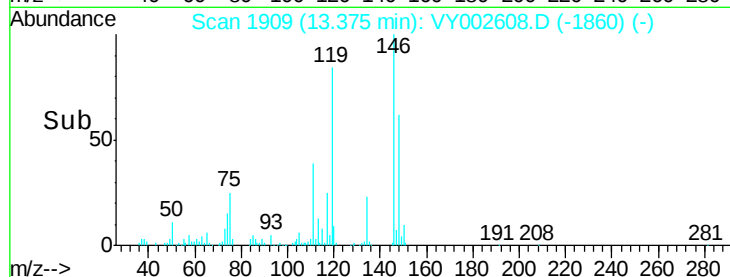
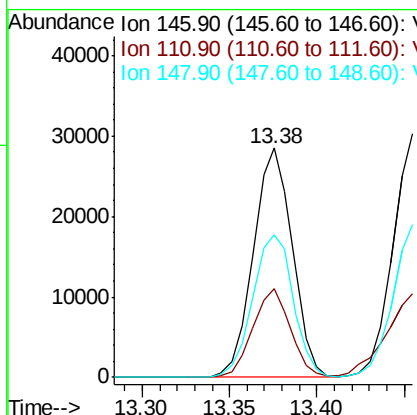
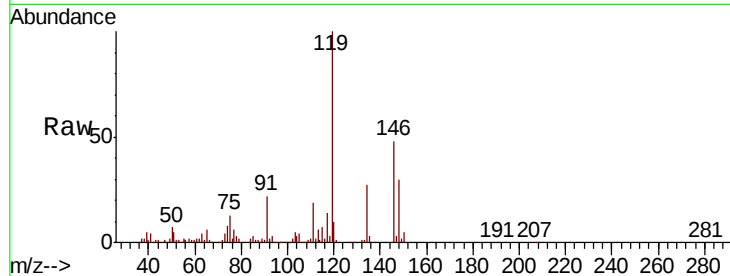




#87
 1,3-Dichlorobenzene
 Concen: 5.633 ug/l
 RT: 13.38 min Scan# 1909
 Delta R.T. -0.00 min
 Lab File: VY002608.D
 Acq: 06 May 2020 12:25

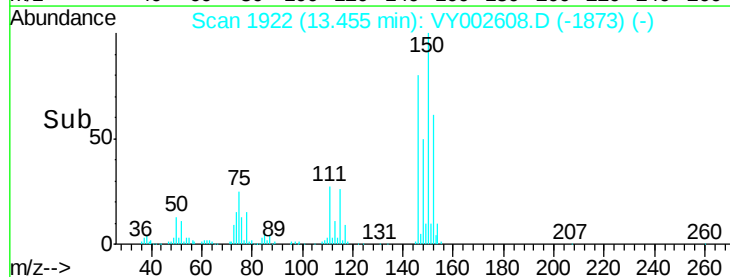
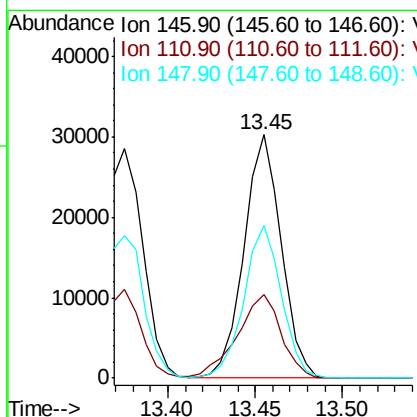
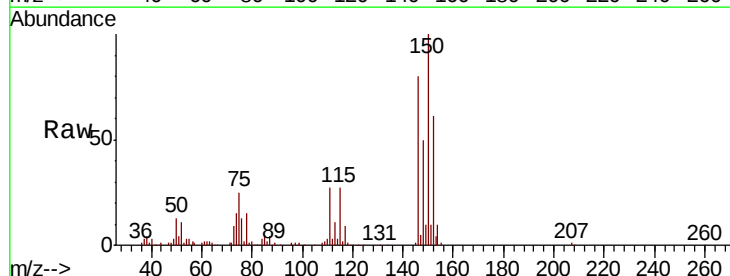
Instrument :
 MSVOA_Y
 ClientSampleId :

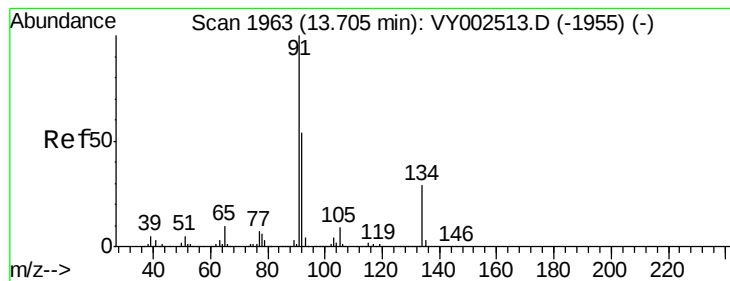
Tot Ion:146 Resp: 44124
 Ion Ratio Lower Upper
 146 100
 111 37.2 18.8 56.3
 148 64.5 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 5.780 ug/l
 RT: 13.45 min Scan# 1922
 Delta R.T. -0.00 min
 Lab File: VY002608.D
 Acq: 06 May 2020 12:25

Tgt Ion:146 Resp: 44834
 Ion Ratio Lower Upper
 146 100
 111 40.7 18.1 54.1
 148 63.2 31.9 95.5





#89

n-Butylbenzene

Concen: 5.740 ug/l

RT: 13.70 min Scan# 1963

Delta R.T. -0.00 min

Lab File: VY002608.D

Acq: 06 May 2020 12:25

Instrument :

MSVOA_Y

ClientSampleId :

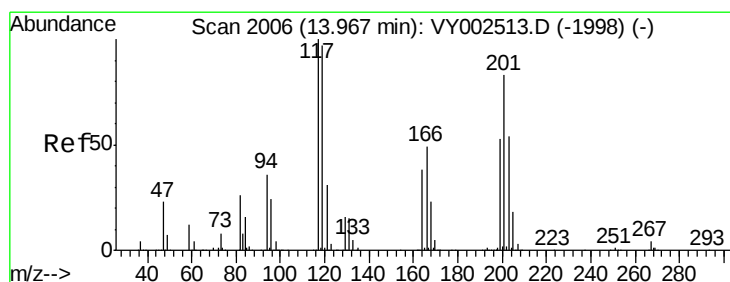
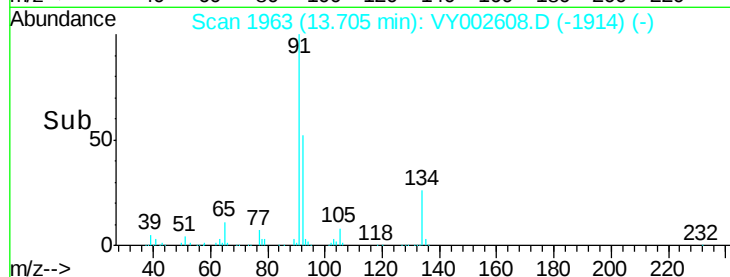
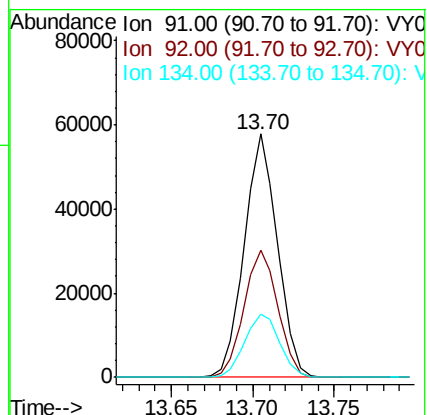
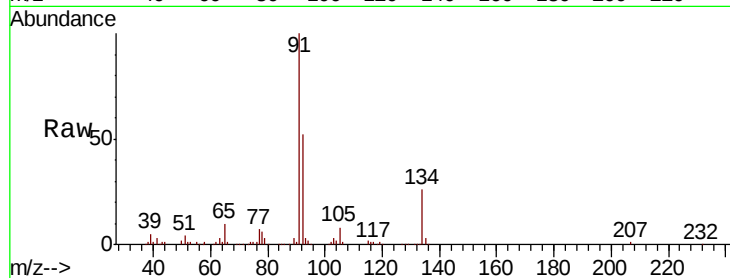
Tot Ion: 91 Resp: 81793

Ion Ratio Lower Upper

91 100

92 53.6 27.1 81.3

134 27.5 14.4 43.0



#90

Hexachloroethane

Concen: 5.632 ug/l

RT: 13.97 min Scan# 2007

Delta R.T. 0.01 min

Lab File: VY002608.D

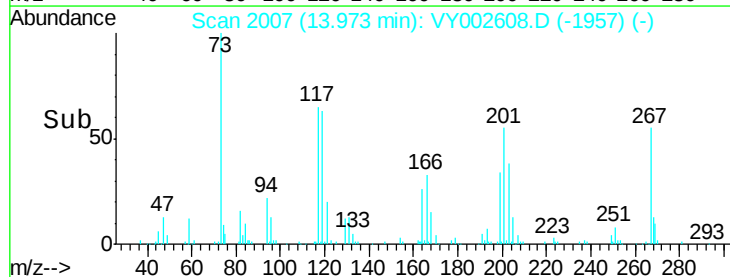
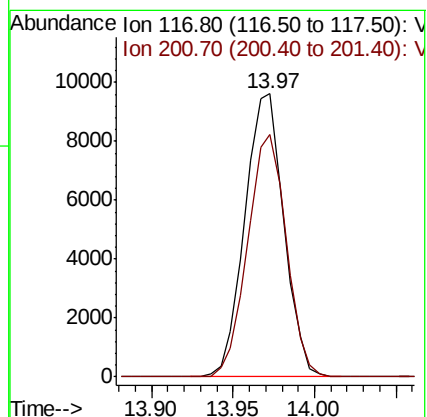
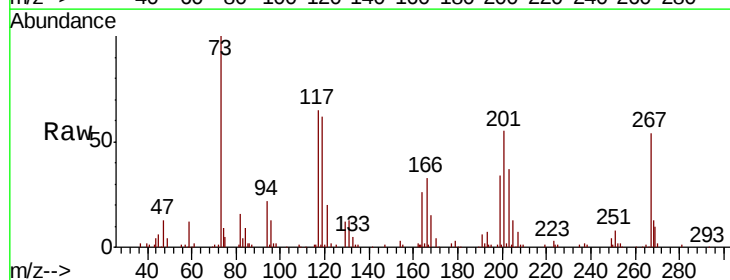
Acq: 06 May 2020 12:25

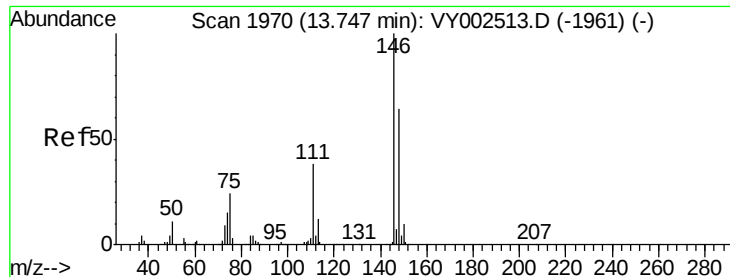
Tgt Ion: 117 Resp: 16056

Ion Ratio Lower Upper

117 100

201 84.7 44.4 133.2





#91

1,2-Dichlorobenzene

Concen: 5.516 ug/l

RT: 13.75 min Scan# 1970

Delta R.T. -0.00 min

Lab File: VY002608.D

Acq: 06 May 2020 12:25

Instrument :

MSVOA_Y

ClientSampleId :

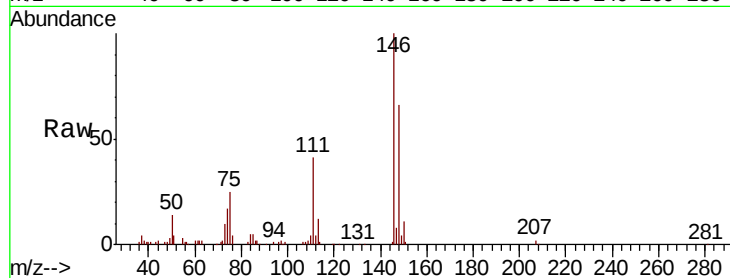
Tot Ion:146 Resp: 38556

Ion Ratio Lower Upper

146 100

111 40.7 19.1 57.5

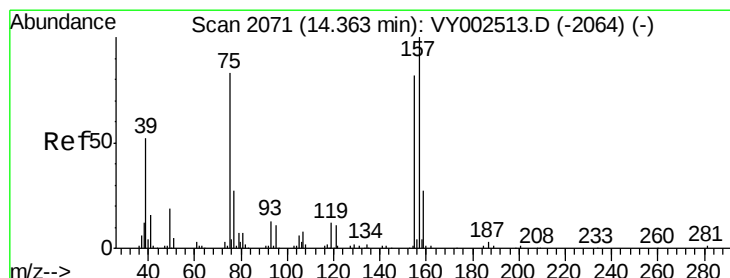
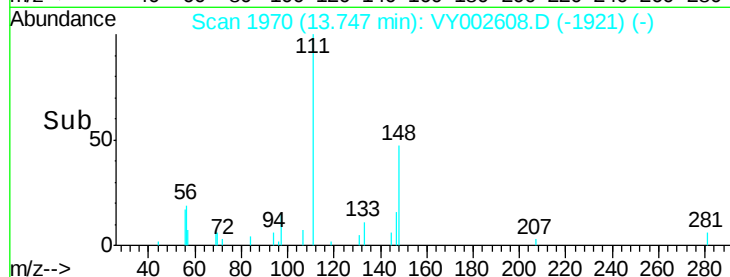
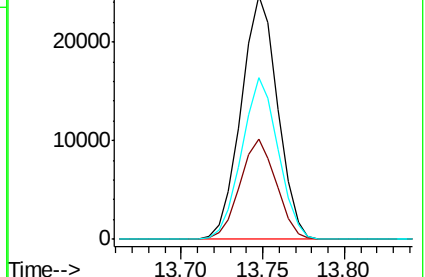
148 66.3 31.9 95.7



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 5.148 ug/l

RT: 14.37 min Scan# 2072

Delta R.T. 0.01 min

Lab File: VY002608.D

Acq: 06 May 2020 12:25

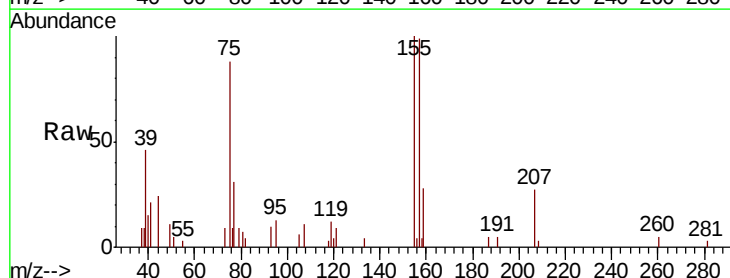
Tgt Ion: 75 Resp: 2528

Ion Ratio Lower Upper

75 100

155 101.5 51.3 153.9

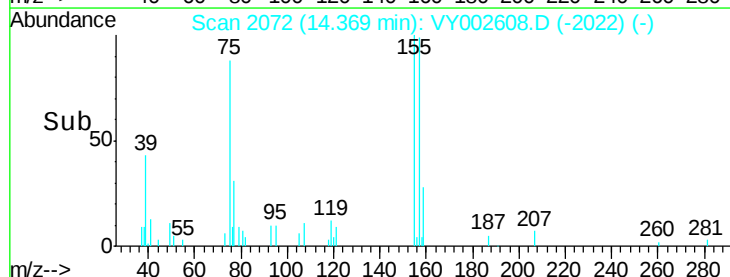
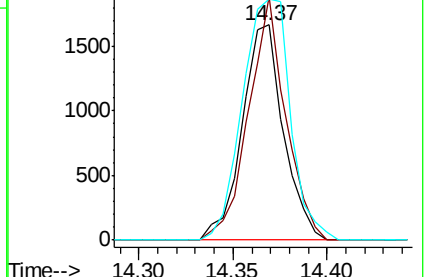
157 130.3 65.0 195.0

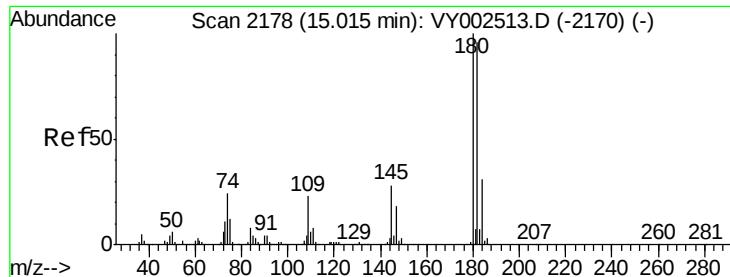


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

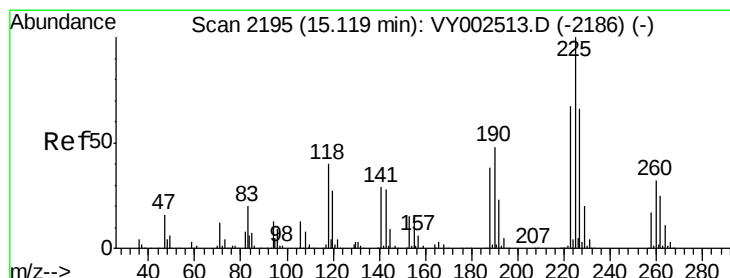
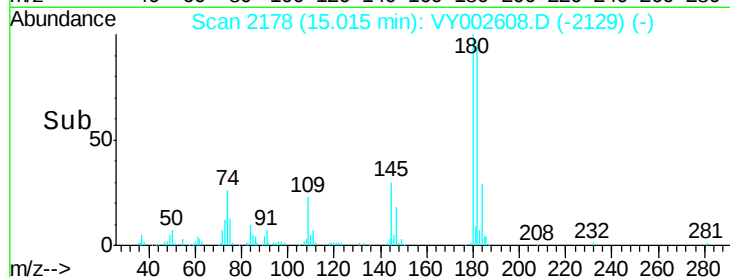
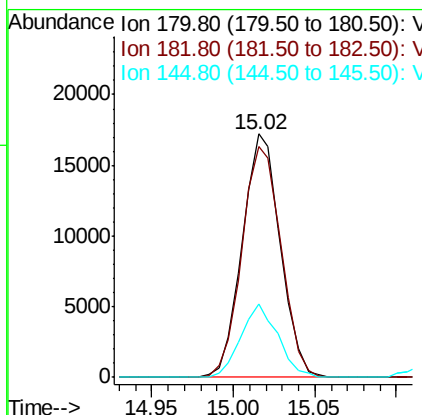
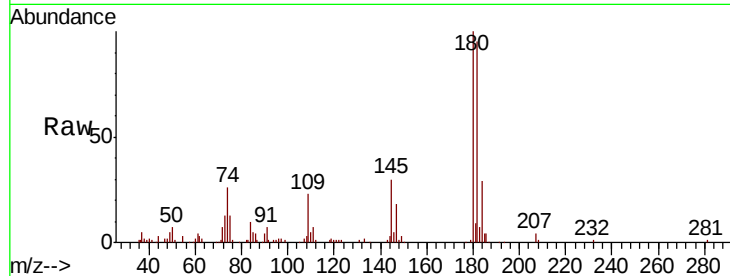




#93
 1,2,4-Trichlorobenzene
 Concen: 5.496 ug/l
 RT: 15.02 min Scan# 2178
 Delta R.T. -0.00 min
 Lab File: VY002608.D
 Acq: 06 May 2020 12:25

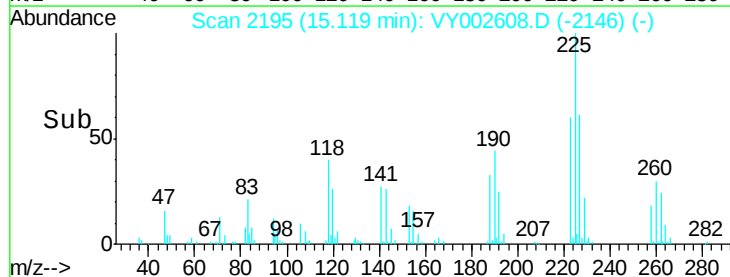
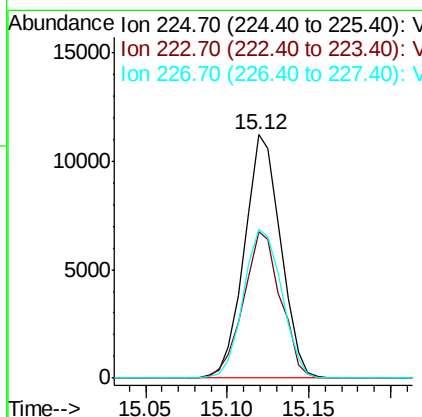
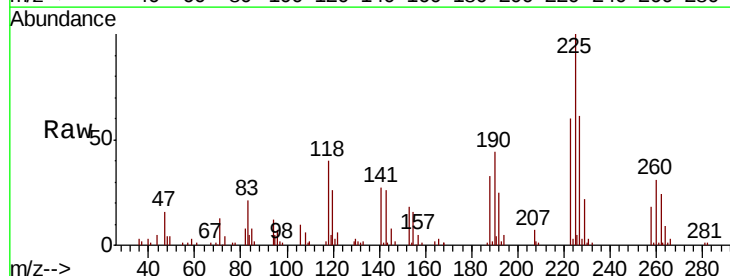
Instrument :
 MSVOA_Y
 ClientSampleId :

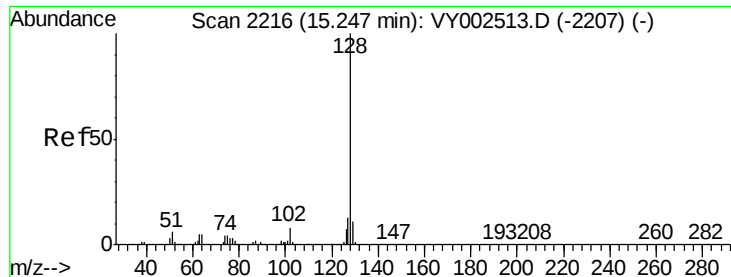
Tot Ion:180 Resp: 27888
 Ion Ratio Lower Upper
 180 100
 182 97.8 47.9 143.6
 145 29.4 14.4 43.0



#94
 Hexachlorobutadiene
 Concen: 5.727 ug/l
 RT: 15.12 min Scan# 2195
 Delta R.T. -0.00 min
 Lab File: VY002608.D
 Acq: 06 May 2020 12:25

Tgt Ion:225 Resp: 17443
 Ion Ratio Lower Upper
 225 100
 223 61.7 32.1 96.5
 227 64.4 32.0 96.2





#95

Naphthalene

Concen: 5.333 ug/l

RT: 15.25 min Scan# 2216

Delta R.T. -0.00 min

Lab File: VY002608.D

Acq: 06 May 2020 12:25

Instrument :

MSVOA_Y

ClientSampleId :

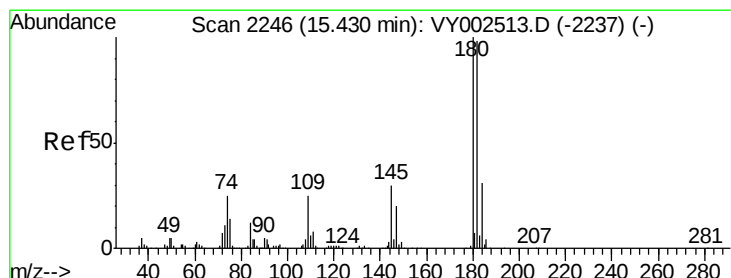
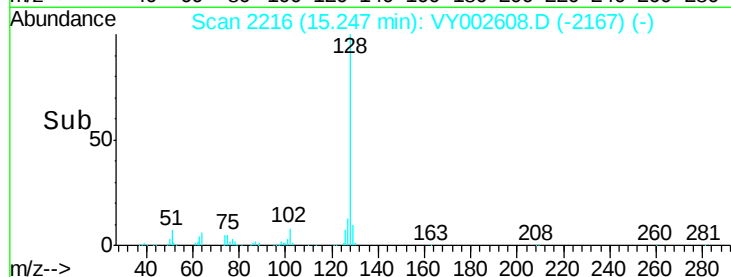
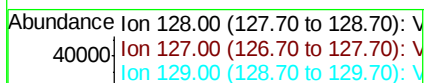
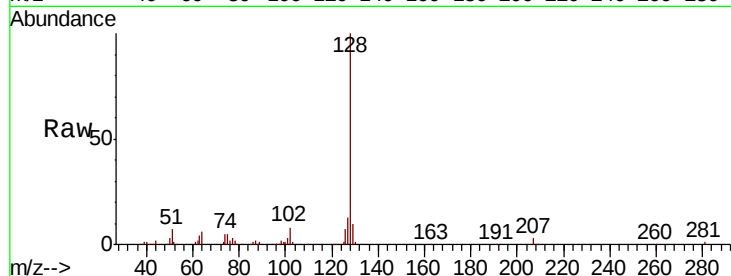
Tot Ion:128 Resp: 49370

Ion Ratio Lower Upper

128 100

127 13.3 10.5 15.7

129 10.9 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 5.785 ug/l

RT: 15.44 min Scan# 2247

Delta R.T. 0.01 min

Lab File: VY002608.D

Acq: 06 May 2020 12:25

Tgt Ion:180 Resp: 24918

Ion Ratio Lower Upper

180 100

182 90.2 47.9 143.8

145 30.1 15.0 45.1

