

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY042820\
 Data File : VY002488.D
 Acq On : 28 Apr 2020 12:51
 Operator : SY/MD
 Sample : VY0428SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 28 15:10:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y042320S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 23 14:11:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	302797	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.70	114	436007	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.49	117	399681	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.43	152	212394	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	106131	40.10	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	80.20%	
35) Dibromofluoromethane	7.73	113	113416	46.12	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	92.24%	
50) Toluene-d8	10.18	98	432968	43.80	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	87.60%	
62) 4-Bromofluorobenzene	12.49	95	147388	44.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	39283	17.715	ug/l	98
3) Chloromethane	2.12	50	52922	18.757	ug/l	99
4) Vinyl Chloride	2.26	62	30093	14.847	ug/l	98
5) Bromomethane	2.65	94	21296	18.720	ug/l	94
6) Chloroethane	2.80	64	16765	17.695	ug/l	99
7) Trichlorofluoromethane	3.13	101	64597	17.576	ug/l	98
8) Diethyl Ether	3.54	74	26155	17.265	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.91	101	50923	20.128	ug/l	99
10) Methyl Iodide	4.10	142	74957	19.205	ug/l	99
11) Tert butyl alcohol	4.97	59	24883	99.895	ug/l	96
12) 1,1-Dichloroethene	3.88	96	52492	20.251	ug/l	95
13) Acrolein	3.74	56	17135	85.933	ug/l	99
14) Allyl chloride	4.50	41	73147	19.202	ug/l	98
15) Acrylonitrile	5.19	53	69558	95.962	ug/l	99
16) Acetone	3.96	43	55002	99.446	ug/l	99
17) Carbon Disulfide	4.21	76	150949	18.676	ug/l	99
18) Methyl Acetate	4.49	43	31653	17.785	ug/l	98
19) Methyl tert-butyl Ether	5.24	73	136309	19.488	ug/l	99
20) Methylene Chloride	4.73	84	60779	19.248	ug/l	97
21) trans-1,2-Dichloroethene	5.24	96	55821	19.128	ug/l	96
22) Diisopropyl ether	6.13	45	144214	19.147	ug/l	99
23) Vinyl Acetate	6.08	43	455237	95.120	ug/l	98
24) 1,1-Dichloroethane	6.04	63	88509	19.410	ug/l	98
25) 2-Butanone	7.00	43	79288	93.574	ug/l	97
26) 2,2-Dichloropropane	6.99	77	88464	20.285	ug/l	98
27) cis-1,2-Dichloroethene	7.00	96	60876	19.179	ug/l	97
28) Bromochloromethane	7.35	49	33381	18.764	ug/l	93
29) Tetrahydrofuran	7.36	42	52478	93.414	ug/l	100
30) Chloroform	7.52	83	92799	19.113	ug/l	99
31) Cyclohexane	7.80	56	82933	18.188	ug/l #	89
32) 1,1,1-Trichloroethane	7.71	97	90269	19.676	ug/l	99
36) 1,1-Dichloropropene	7.93	75	72717	19.450	ug/l	100
37) Ethyl Acetate	7.09	43	36323	19.339	ug/l	99
38) Carbon Tetrachloride	7.91	117	85624	19.916	ug/l	98

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 Quant Title : SW846 8260
 QLast Update : Thu Apr 23 14:11:26 2020
 Response via : Initial Calibration

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

39) Methylcyclohexane	9.19	83	94858	19.450	ug/l	98
40) Benzene	8.17	78	199276	18.442	ug/l	100
41) Methacrylonitrile	7.35	41	49841	43.072	ug/l #	1
42) 1,2-Dichloroethane	8.25	62	62640	19.956	ug/l	99
43) Isopropyl Acetate	8.28	43	66600	18.959	ug/l	99
44) Trichloroethene	8.94	130	68128	20.164	ug/l	91
45) 1,2-Dichloropropane	9.22	63	48678	19.546	ug/l	96
46) Dibromomethane	9.31	93	28595	19.625	ug/l	96
47) Bromodichloromethane	9.50	83	73067	20.053	ug/l	98
48) Methyl methacrylate	9.30	41	30516	19.029	ug/l	98
49) 1,4-Dioxane	9.31	88	7517	404.819	ug/l	99
51) 4-Methyl-2-Pentanone	10.08	43	177871	97.484	ug/l	98
52) Toluene	10.25	92	136816	19.670	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	78176	20.430	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	88116	20.119	ug/l	100
55) 1,1,2-Trichloroethane	10.65	97	43188	20.047	ug/l	99
56) Ethyl methacrylate	10.51	69	57140	19.411	ug/l	100
57) 1,3-Dichloropropane	10.80	76	57390	15.779	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.78	63	132146	92.833	ug/l	99
59) 2-Hexanone	10.83	43	100526	79.041	ug/l	98
60) Dibromochloromethane	10.99	129	52576	18.625	ug/l	98
61) 1,2-Dibromoethane	11.09	107	40778	19.088	ug/l	99
64) Tetrachloroethene	10.72	164	68262	18.635	ug/l	98
65) Chlorobenzene	11.52	112	155028	20.120	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.60	131	59686	20.644	ug/l	99
67) Ethyl Benzene	11.60	91	272899	19.872	ug/l	99
68) m/p-Xylenes	11.70	106	211812	40.067	ug/l	97
69) o-Xylene	12.03	106	96615	19.735	ug/l	100
70) Styrene	12.05	104	164696	19.321	ug/l	100
71) Bromoform	12.21	173	34501	18.943	ug/l #	100
73) Isopropylbenzene	12.33	105	251872	17.738	ug/l	99
74) N-amyl acetate	12.14	43	56522	16.798	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.58	83	37317	17.111	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	62566	34.756	ug/l #	100
77) Bromobenzene	12.61	156	63966	17.962	ug/l	99
78) n-propylbenzene	12.67	91	311606	18.900	ug/l	99
79) 2-Chlorotoluene	12.76	91	174525	19.345	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	225186	18.685	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	18227	18.737	ug/l	95
82) 4-Chlorotoluene	12.86	91	185383	19.882	ug/l	99
83) tert-Butylbenzene	13.08	119	179412	17.143	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	188926	16.339	ug/l	99
85) sec-Butylbenzene	13.25	105	238816	17.042	ug/l	98
86) p-Isopropyltoluene	13.37	119	249767	18.690	ug/l	99
87) 1,3-Dichlorobenzene	13.37	146	125028	18.982	ug/l	98
88) 1,4-Dichlorobenzene	13.45	146	132086	20.167	ug/l	99
89) n-Butylbenzene	13.70	91	236563	19.189	ug/l	99
90) Hexachloroethane	13.96	117	41776	17.295	ug/l	95
91) 1,2-Dichlorobenzene	13.74	146	118201	20.838	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	7823	18.069	ug/l	98

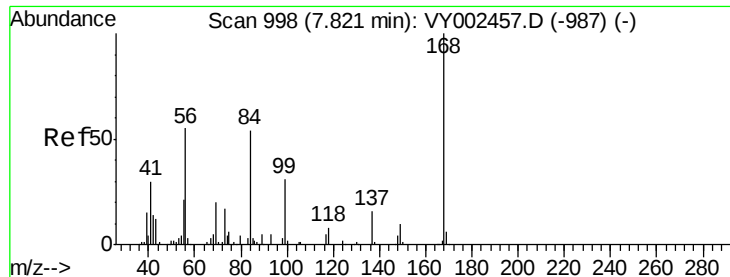
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY042820\
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ClientSampleId :

Quant Time: Apr 28 15:10:25 2020
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Quant Title : SW846 8260
QLast Update : Thu Apr 23 14:11:26 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	85414	19.079	ug/l	100
94) Hexachlorobutadiene	15.12	225	51626	19.108	ug/l	99
95) Naphthalene	15.24	128	149835	18.046	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	71802	18.908	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.02 min

Lab File: VY002488.D

Acq: 28 Apr 2020 12:51

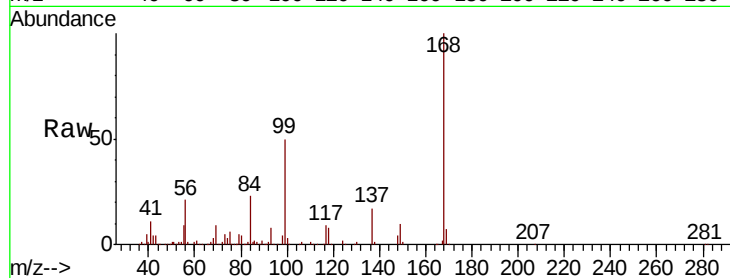
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:168 Resp: 302797

Ion Ratio Lower Upper

168 100

99 50.3 39.7 59.5



Abundance Ion 167.90 (167.60 to 168.60): VY0

Ion 98.90 (98.60 to 99.60): VY0

7.80

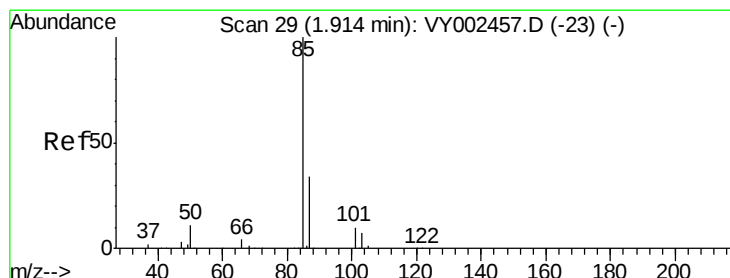
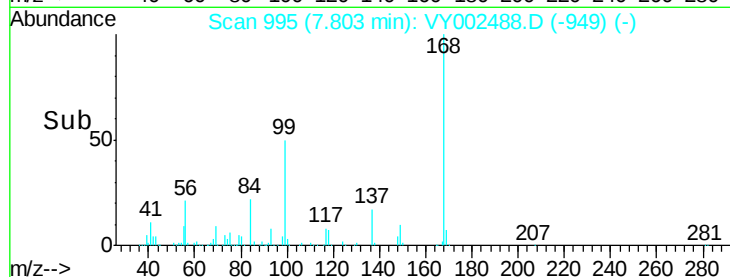
150000

100000

50000

0

Time--> 7.70 7.80 7.90



#2

Dichlorodifluoromethane

Concen: 17.715 ug/l

RT: 1.91 min Scan# 28

Delta R.T. -0.01 min

Lab File: VY002488.D

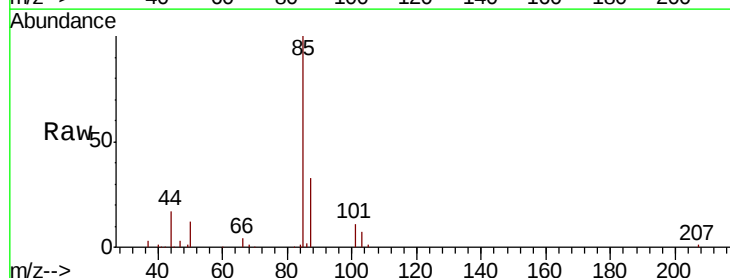
Acq: 28 Apr 2020 12:51

Tgt Ion: 85 Resp: 39283

Ion Ratio Lower Upper

85 100

87 33.0 17.1 51.3



Abundance Ion 84.90 (84.60 to 85.60): VY0

Ion 86.90 (86.60 to 87.60): VY0

1.91

30000

25000

20000

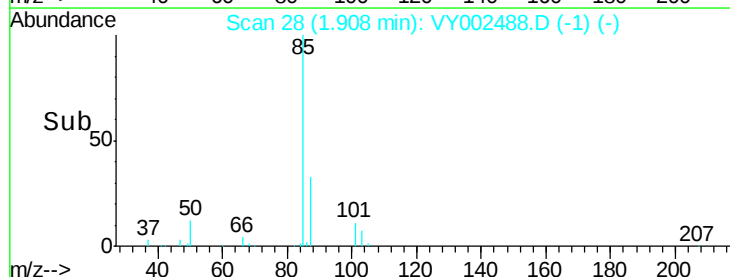
15000

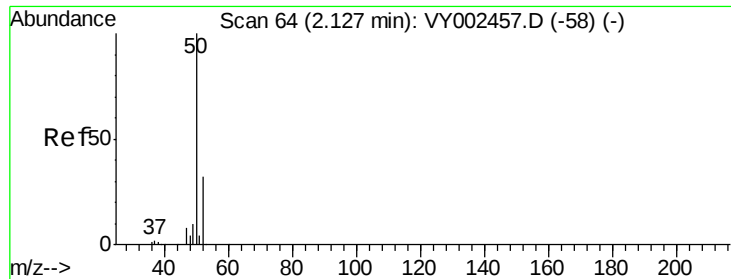
10000

5000

0

Time--> 1.80 1.85 1.90 1.95 2.00





#3

Chloromethane

Concen: 18.757 ug/l

RT: 2.12 min Scan# 63

Delta R.T. -0.01 min

Lab File: VY002488.D

Acq: 28 Apr 2020 12:51

Instrument :

MSVOA_Y

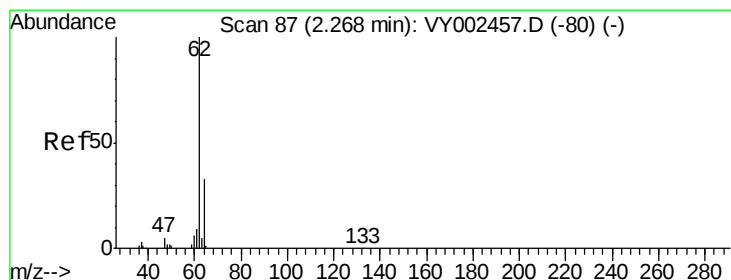
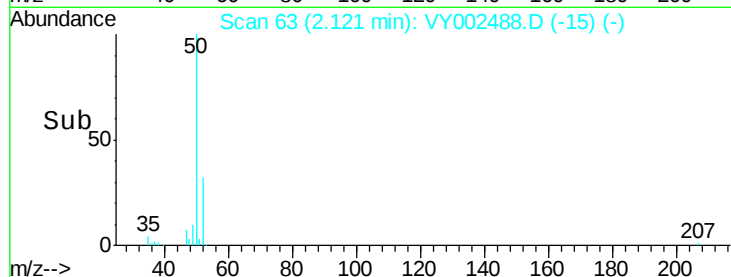
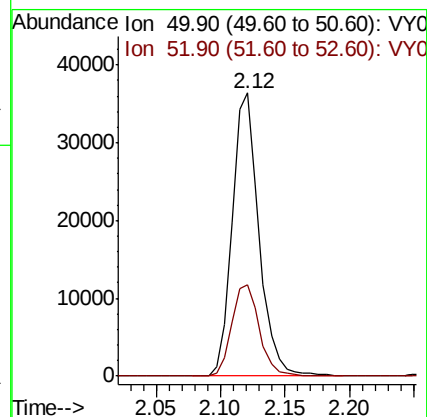
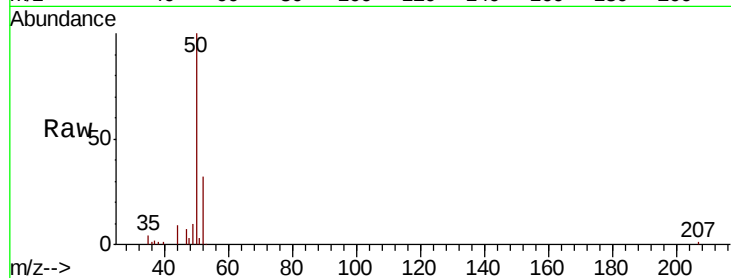
ClientSampleId :

Tot Ion: 50 Resp: 52922

Ion Ratio Lower Upper

50 100

52 32.2 25.2 37.8



#4

Vinyl Chloride

Concen: 14.847 ug/l

RT: 2.26 min Scan# 85

Delta R.T. -0.01 min

Lab File: VY002488.D

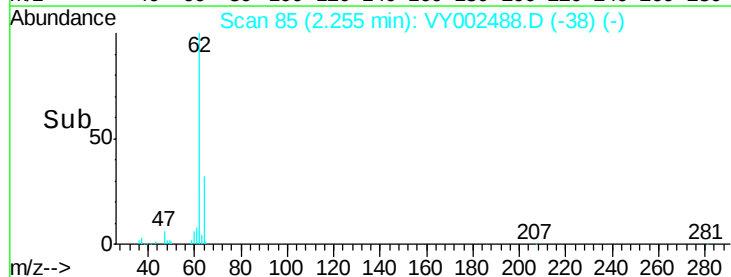
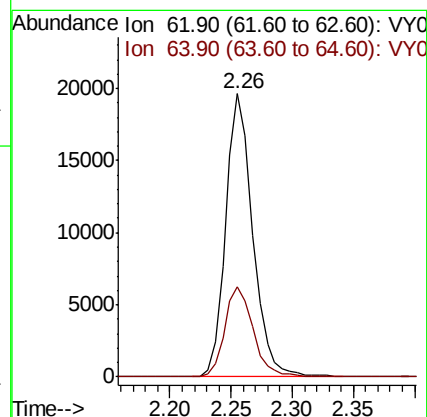
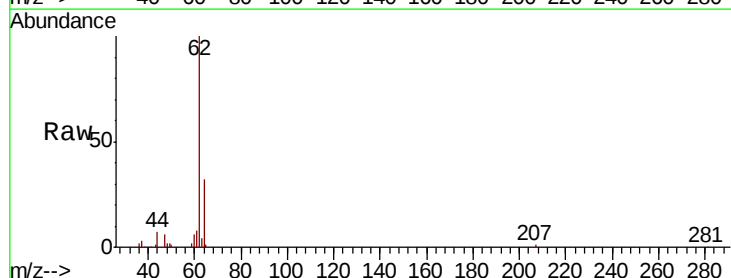
Acq: 28 Apr 2020 12:51

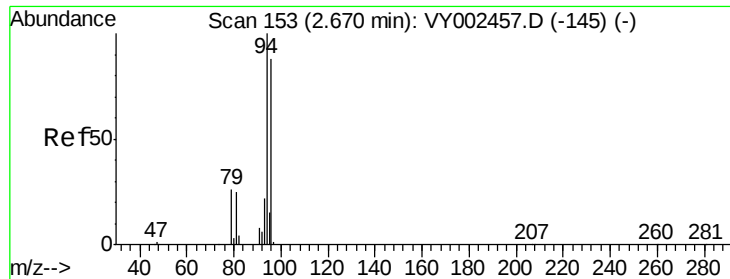
Tgt Ion: 62 Resp: 30093

Ion Ratio Lower Upper

62 100

64 32.1 26.6 39.8





#5

Bromomethane

Concen: 18.720 ug/l

RT: 2.65 min Scan# 150

Delta R.T. -0.02 min

Lab File: VY002488.D

Acq: 28 Apr 2020 12:51

Instrument :

MSVOA_Y

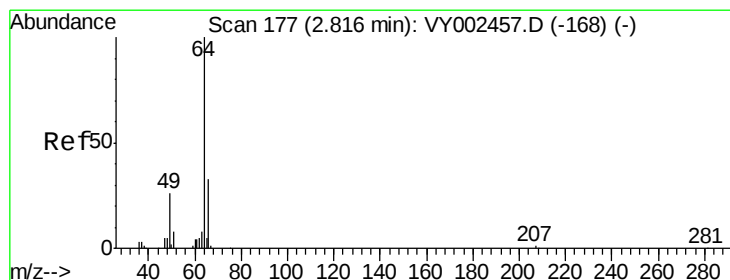
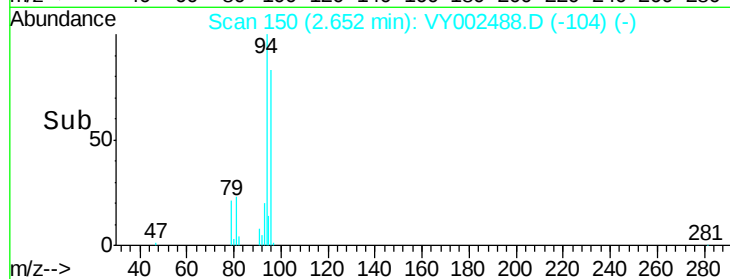
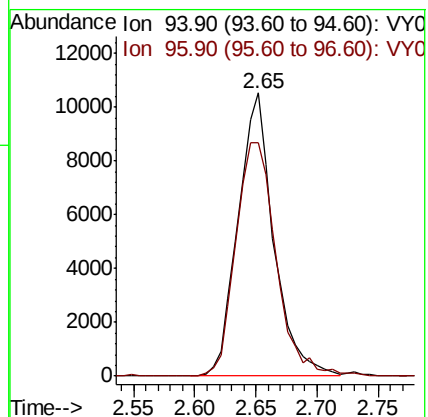
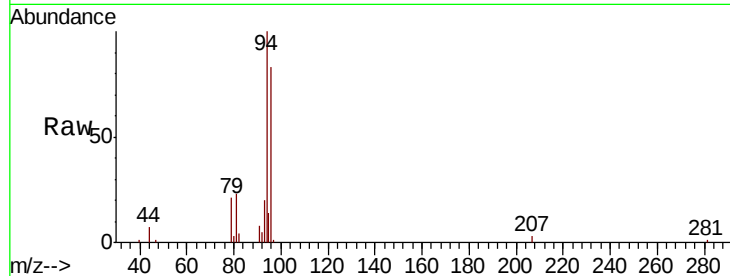
ClientSampleId :

Tot Ion: 94 Resp: 21296

Ion Ratio Lower Upper

94 100

96 82.6 70.2 105.4



#6

Chloroethane

Concen: 17.695 ug/l

RT: 2.80 min Scan# 174

Delta R.T. -0.02 min

Lab File: VY002488.D

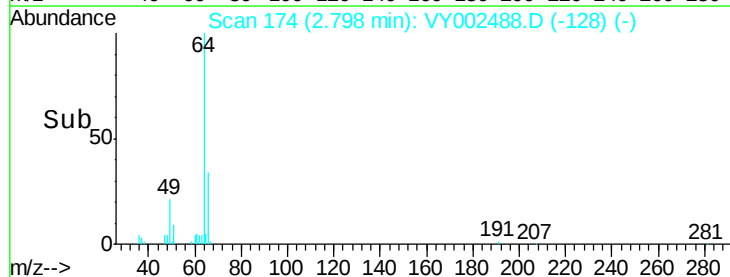
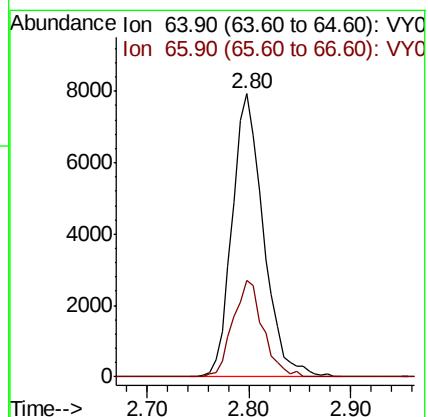
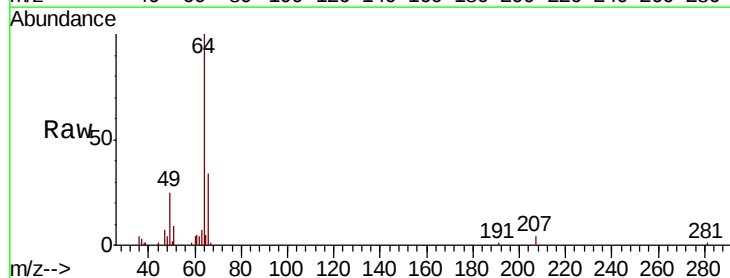
Acq: 28 Apr 2020 12:51

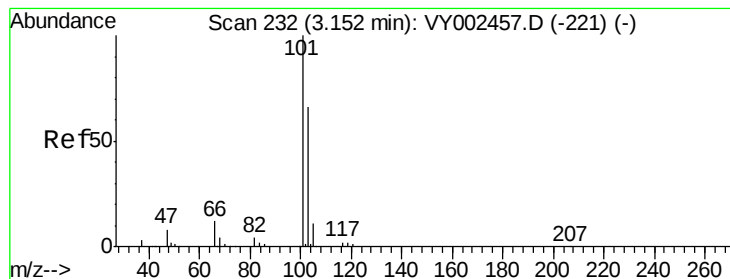
Tgt Ion: 64 Resp: 16765

Ion Ratio Lower Upper

64 100

66 34.0 26.6 40.0



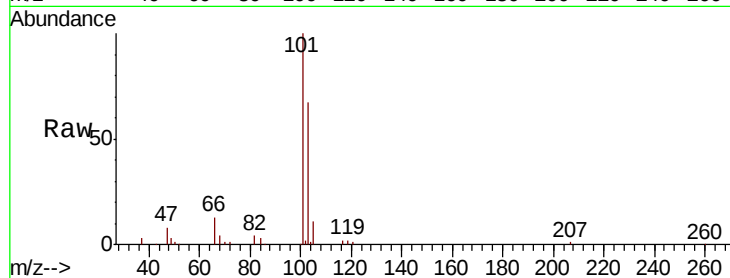


#7

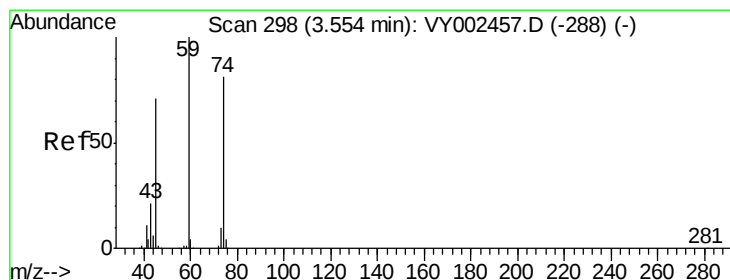
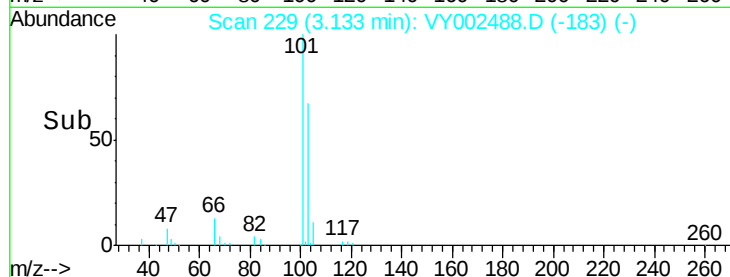
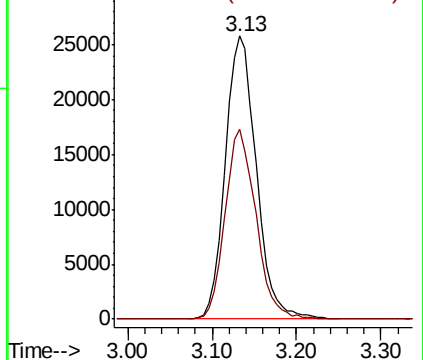
Trichlorofluoromethane
Concen: 17.576 ug/l
RT: 3.13 min Scan# 229
Delta R.T. -0.02 min
Lab File: VY002488.D
Acq: 28 Apr 2020 12:51

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:101 Resp: 64597
Ion Ratio Lower Upper
101 100
103 67.2 52.5 78.7



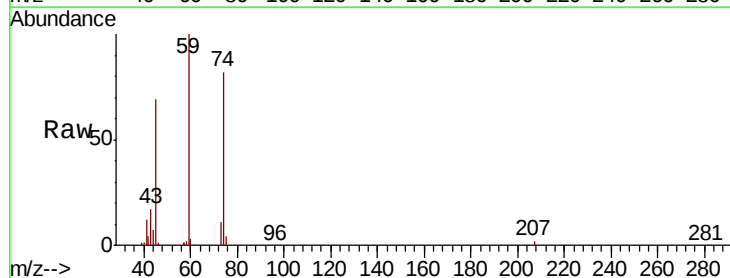
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



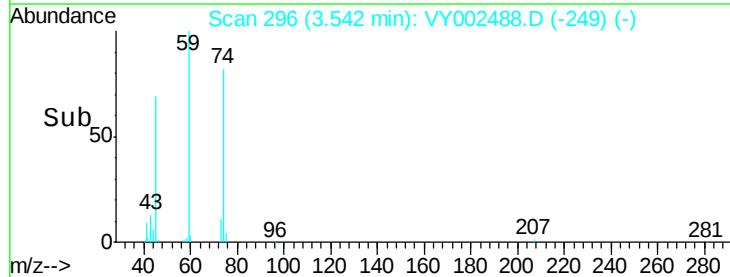
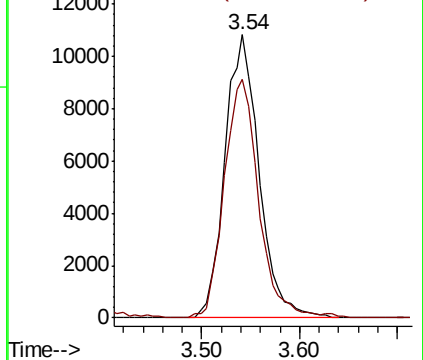
#8

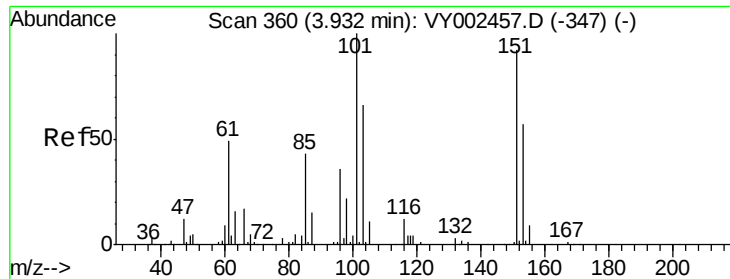
Diethyl Ether
Concen: 17.265 ug/l
RT: 3.54 min Scan# 296
Delta R.T. -0.01 min
Lab File: VY002488.D
Acq: 28 Apr 2020 12:51

Tgt Ion: 74 Resp: 26155
Ion Ratio Lower Upper
74 100
45 85.2 44.0 132.0



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





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.128 ug/l

RT: 3.91 min Scan# 357

Delta R.T. -0.02 min

Lab File: VY002488.D

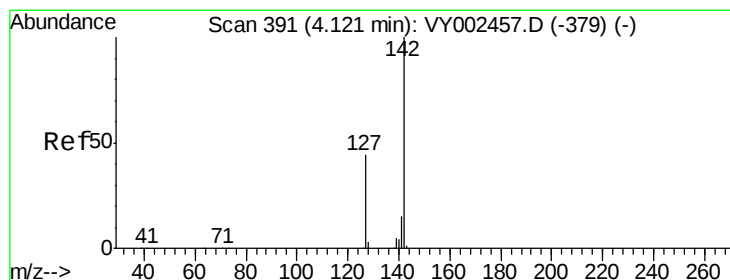
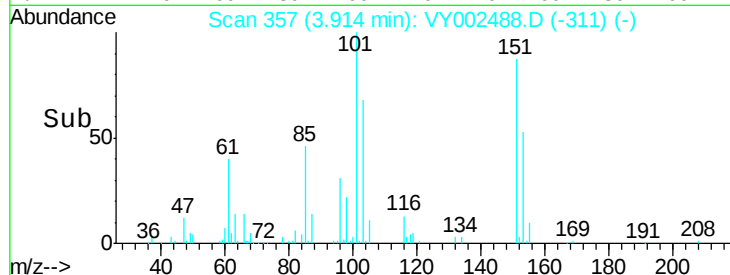
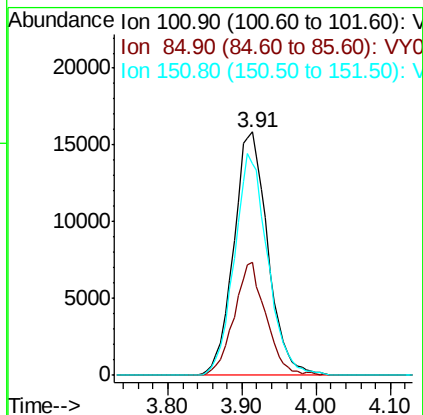
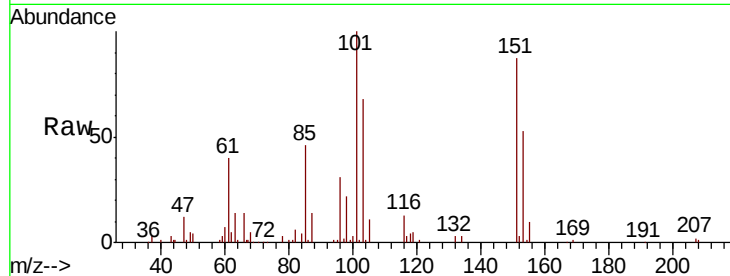
Acq: 28 Apr 2020 12:51

Instrument :

MSVOA_Y

ClientSampled :

Tot Ion:	101	Resp:	50923
Ion	Ratio	Lower	Upper
101	100		
85	43.5	34.1	51.1
151	89.1	70.3	105.5



#10

Methyl Iodide

Concen: 19.205 ug/l

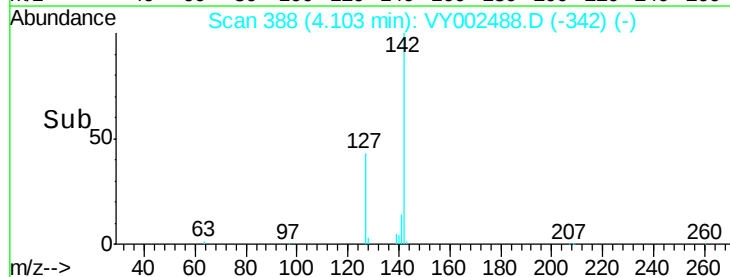
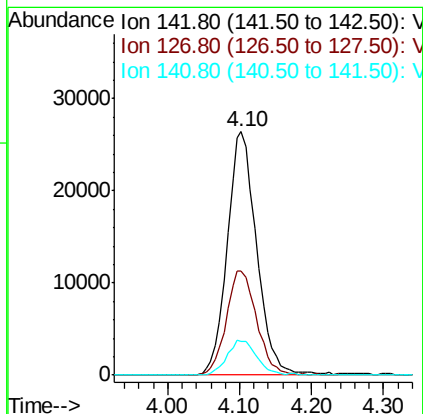
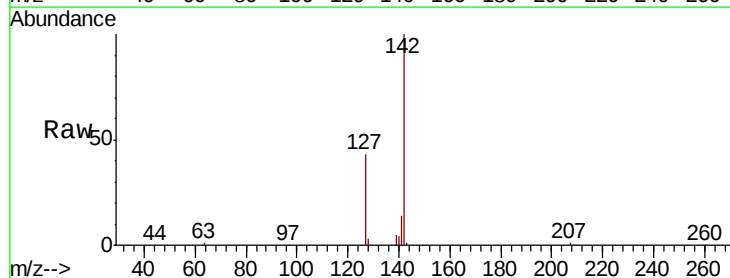
RT: 4.10 min Scan# 388

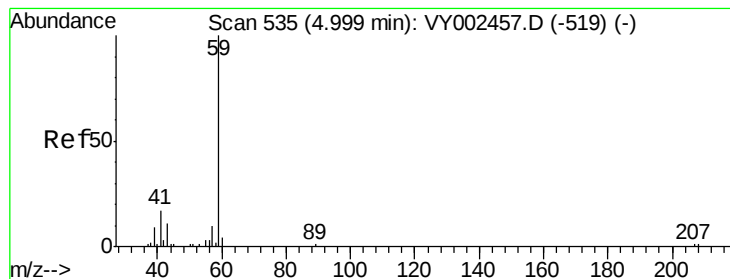
Delta R.T. -0.02 min

Lab File: VY002488.D

Acq: 28 Apr 2020 12:51

Tgt Ion:	142	Resp:	74957
Ion	Ratio	Lower	Upper
142	100		
127	44.4	35.8	53.8
141	14.3	11.6	17.4



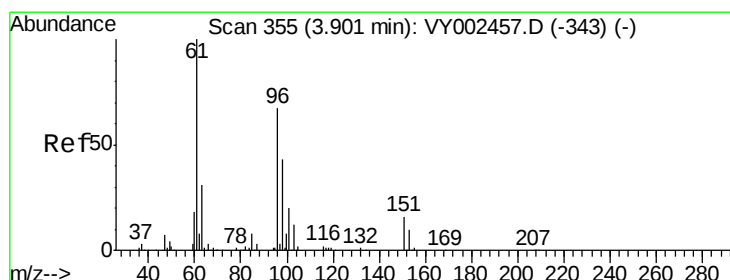
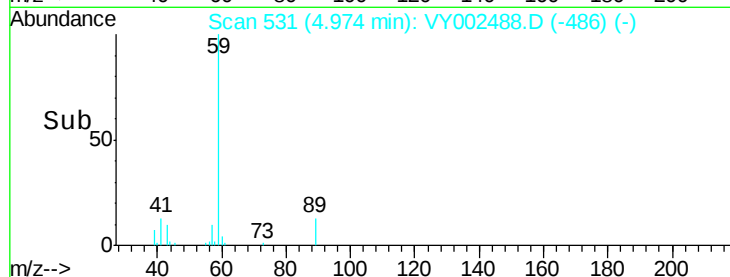
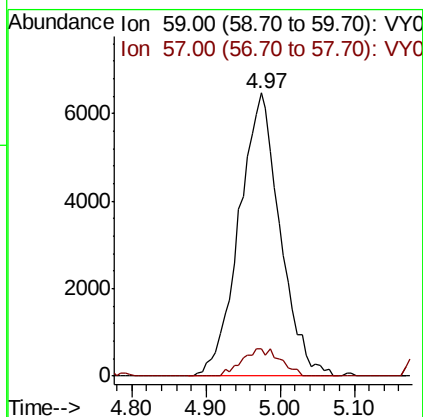
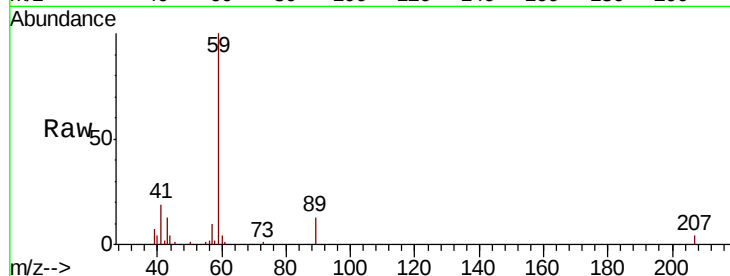


#11

Tert butyl alcohol
 Concen: 99.895 ug/l
 RT: 4.97 min Scan# 531
 Delta R.T. -0.02 min
 Lab File: VY002488.D
 Acq: 28 Apr 2020 12:51

Instrument :
 MSVOA_Y
 ClientSampleId :

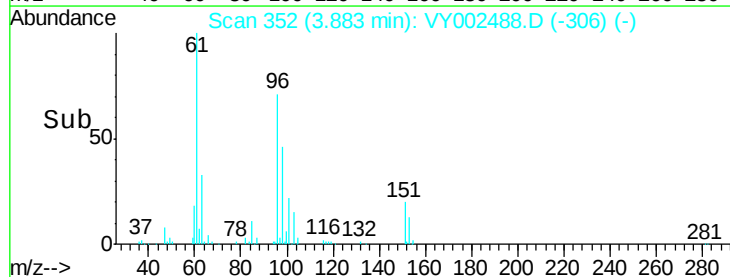
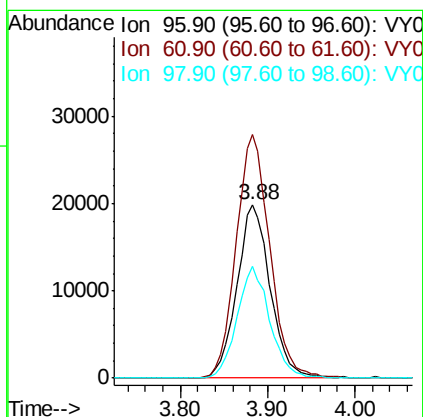
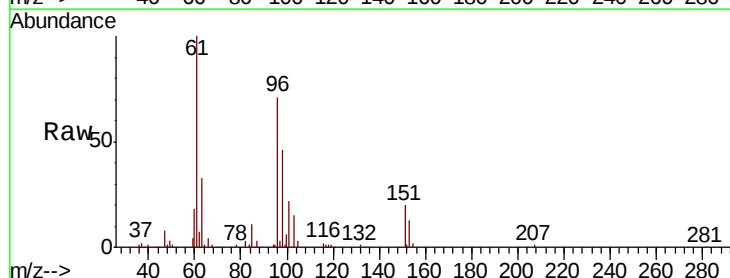
Tot Ion: 59 Resp: 24883
 Ion Ratio Lower Upper
 59 100
 57 9.0 8.4 12.6

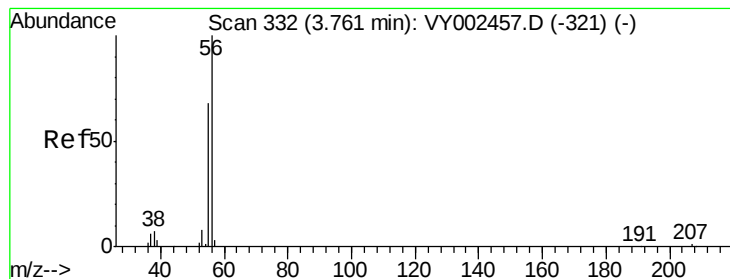


#12

1,1-Dichloroethene
 Concen: 20.251 ug/l
 RT: 3.88 min Scan# 352
 Delta R.T. -0.02 min
 Lab File: VY002488.D
 Acq: 28 Apr 2020 12:51

Tgt Ion: 96 Resp: 52492
 Ion Ratio Lower Upper
 96 100
 61 140.1 119.0 178.6
 98 64.2 51.4 77.2





#13

Acrolein

Concen: 85.933 ug/l

RT: 3.74 min Scan# 329

Delta R.T. -0.02 min

Lab File: VY002488.D

Acq: 28 Apr 2020 12:51

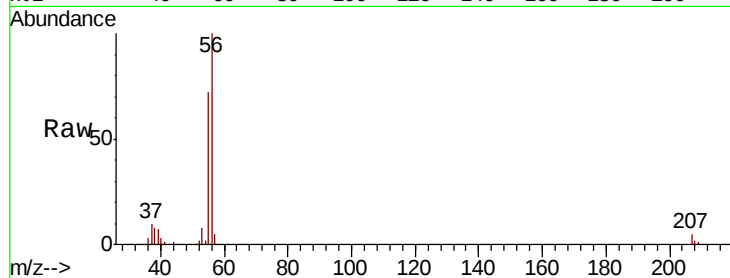
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 56 Resp: 17135

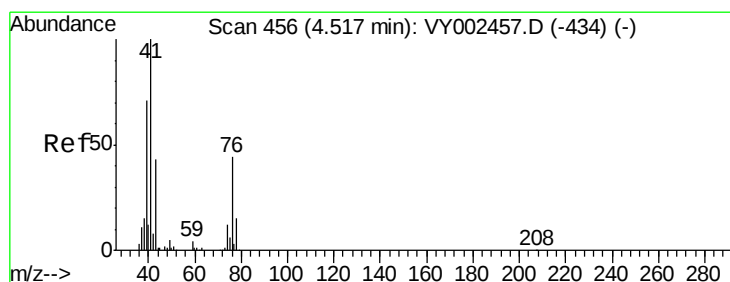
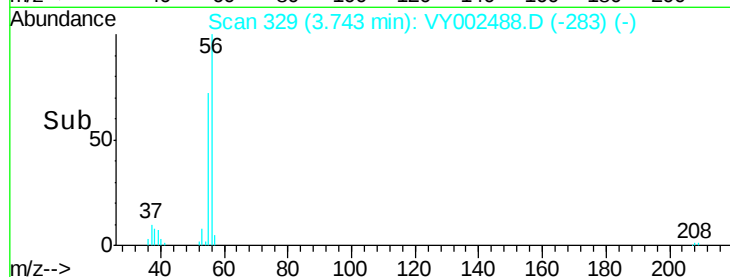
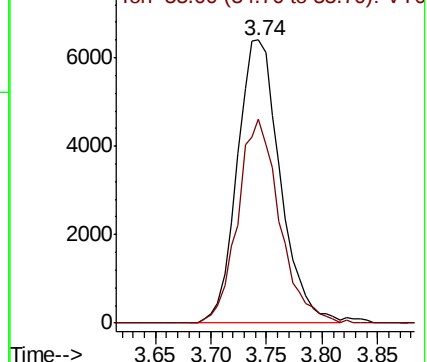
Ion Ratio Lower Upper

56 100

55 70.2 55.8 83.6



Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 55.00 (54.70 to 55.70): VY0



#14

Allyl chloride

Concen: 19.202 ug/l

RT: 4.50 min Scan# 453

Delta R.T. -0.02 min

Lab File: VY002488.D

Acq: 28 Apr 2020 12:51

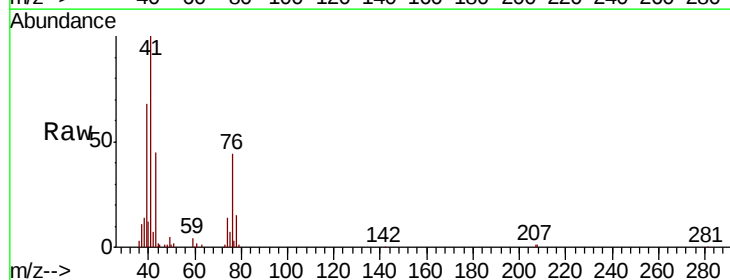
Tgt Ion: 41 Resp: 73147

Ion Ratio Lower Upper

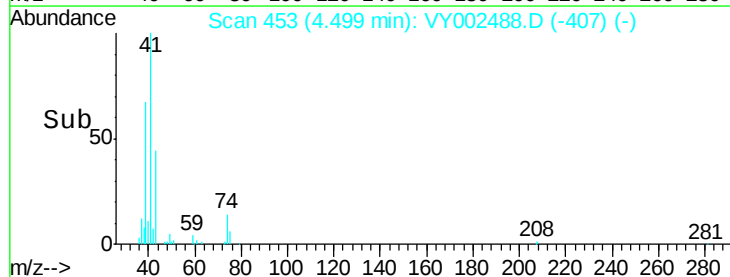
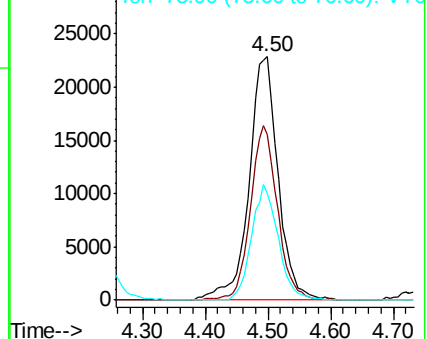
41 100

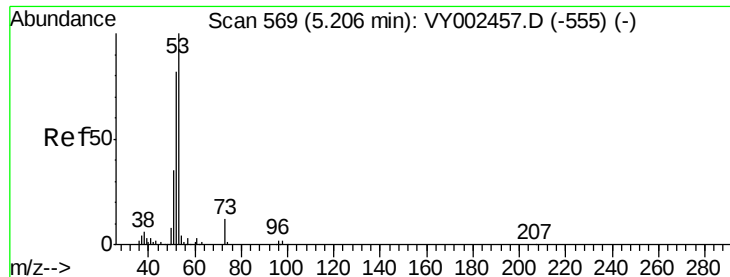
39 66.9 55.1 82.7

76 43.3 34.3 51.5



Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 75.90 (75.60 to 76.60): VY0





#15

Acrylonitrile

Concen: 95.962 ug/l

RT: 5.19 min Scan# 566

Delta R.T. -0.02 min

Lab File: VY002488.D

Acq: 28 Apr 2020 12:51

Instrument :

MSVOA_Y

ClientSampled :

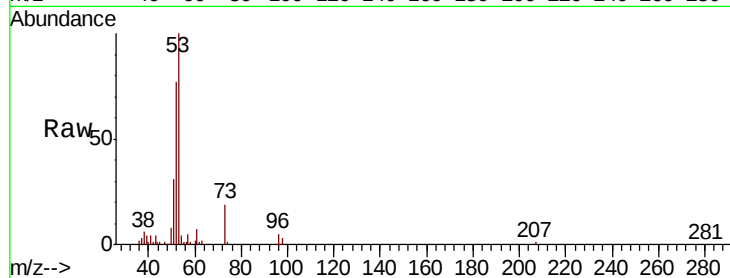
Tot Ion: 53 Resp: 69558

Ion Ratio Lower Upper

53 100

52 80.3 65.4 98.2

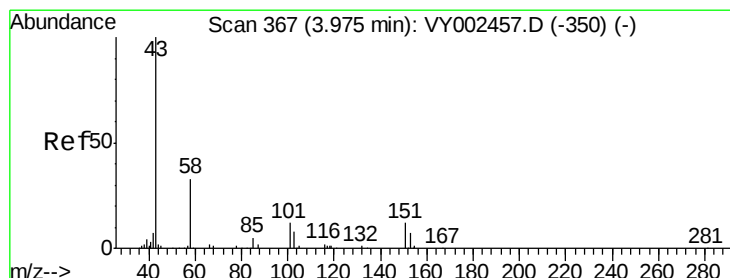
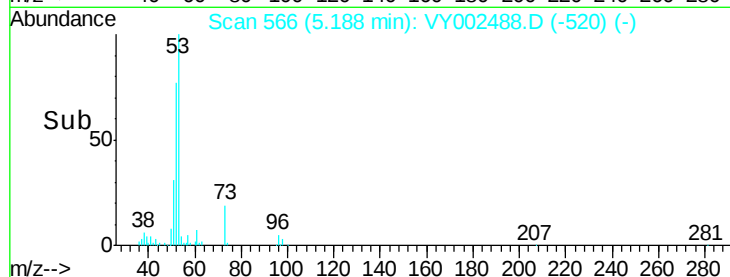
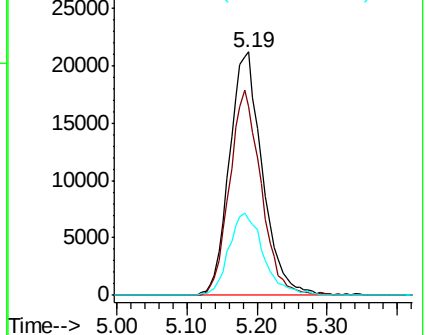
51 35.4 28.3 42.5



Abundance Ion 53.00 (52.70 to 53.70): VY002457.D (-555) (-)

Ion 52.00 (51.70 to 52.70): VY002457.D (-555) (-)

Ion 51.00 (50.70 to 51.70): VY002457.D (-555) (-)



#16

Acetone

Concen: 99.446 ug/l

RT: 3.96 min Scan# 365

Delta R.T. -0.01 min

Lab File: VY002488.D

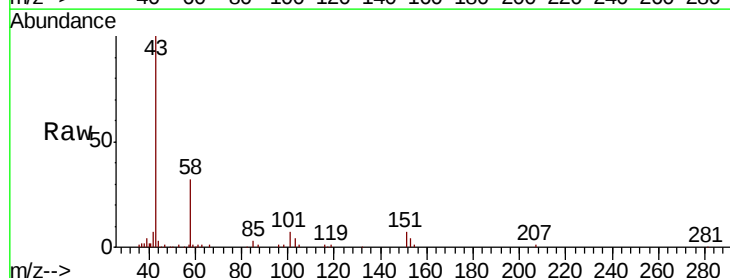
Acq: 28 Apr 2020 12:51

Tgt Ion: 43 Resp: 55002

Ion Ratio Lower Upper

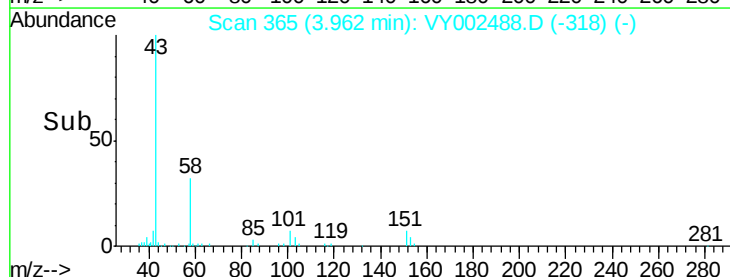
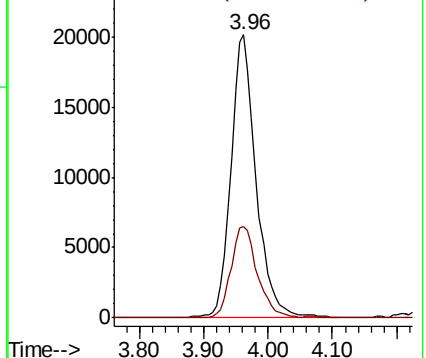
43 100

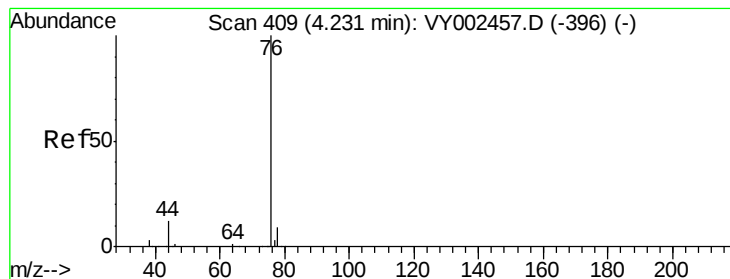
58 32.2 26.4 39.6



Abundance Ion 43.00 (42.70 to 43.70): VY002457.D (-350) (-)

Ion 58.00 (57.70 to 58.70): VY002457.D (-350) (-)





#17

Carbon Disulfide

Concen: 18.676 ug/l

RT: 4.21 min Scan# 405

Delta R.T. -0.02 min

Lab File: VY002488.D

Acq: 28 Apr 2020 12:51

Instrument :

MSVOA_Y

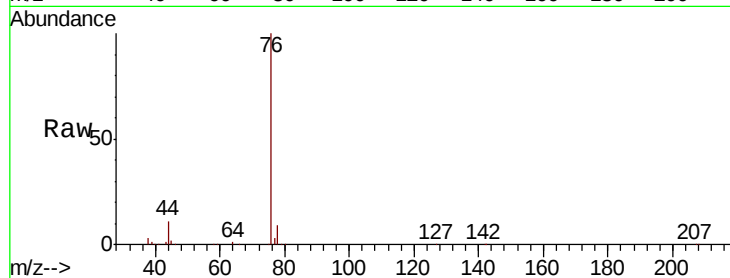
ClientSampleId :

Tot Ion: 76 Resp: 150949

Ion Ratio Lower Upper

76 100

78 9.3 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

4.21

60000

50000

40000

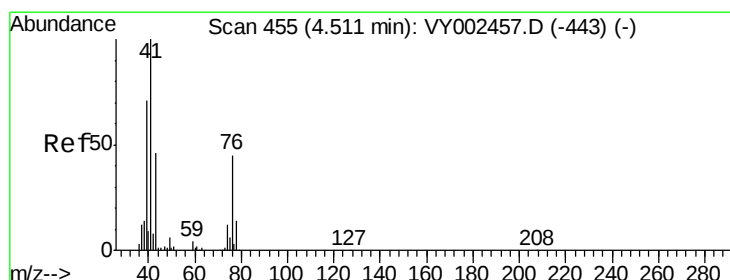
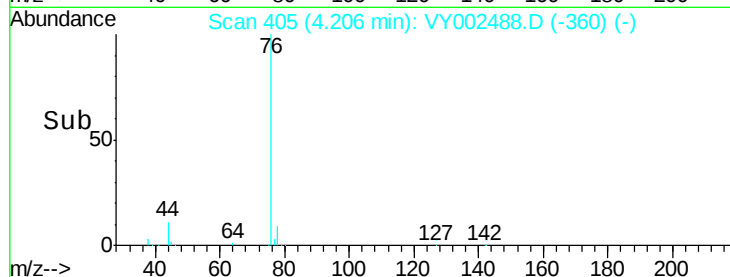
30000

20000

10000

0

Time-->



#18

Methyl Acetate

Concen: 17.785 ug/l

RT: 4.49 min Scan# 452

Delta R.T. -0.02 min

Lab File: VY002488.D

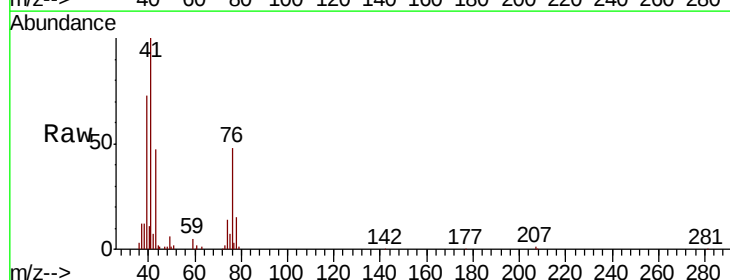
Acq: 28 Apr 2020 12:51

Tgt Ion: 43 Resp: 31653

Ion Ratio Lower Upper

43 100

74 28.3 22.0 33.0



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0

12000

10000

8000

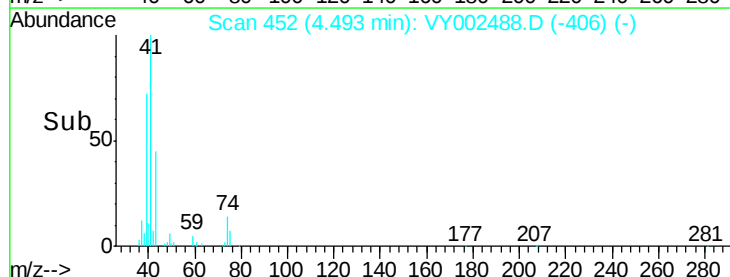
6000

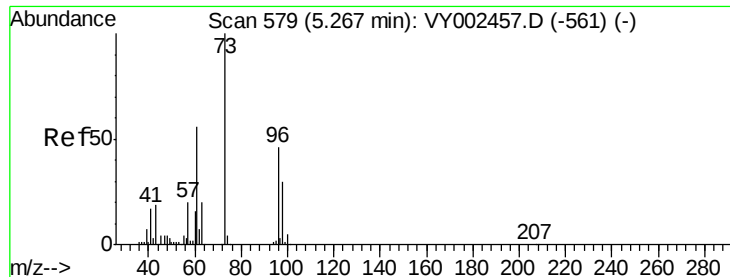
4000

2000

0

Time-->

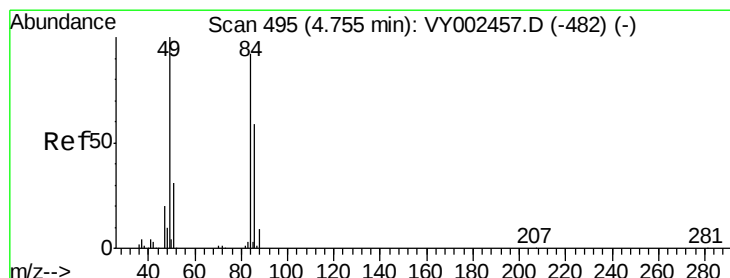
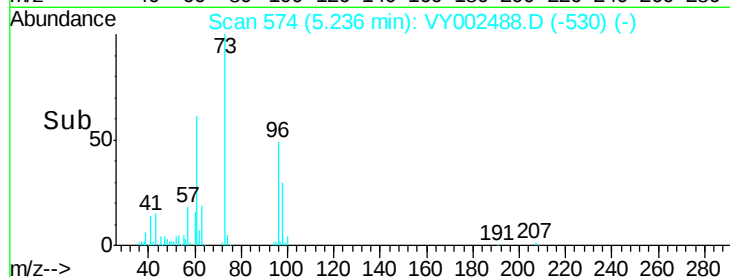
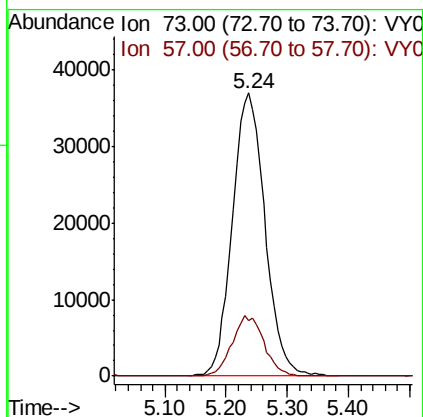
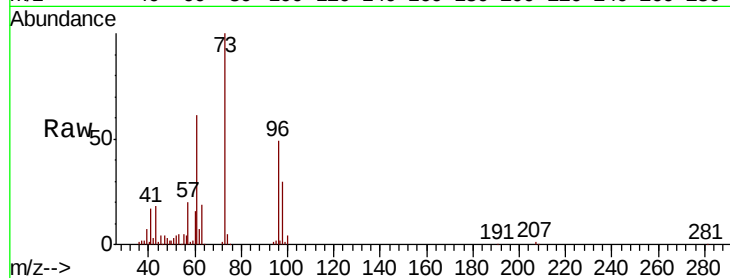




#19
Methvl tert-butvl Ether
Concen: 19.488 ug/l
RT: 5.24 min Scan# 574
Delta R.T. -0.03 min
Lab File: VY002488.D
Acq: 28 Apr 2020 12:51

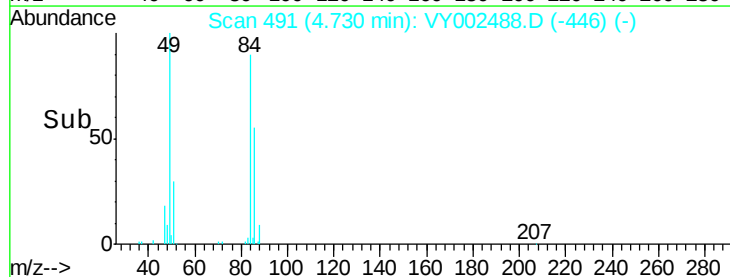
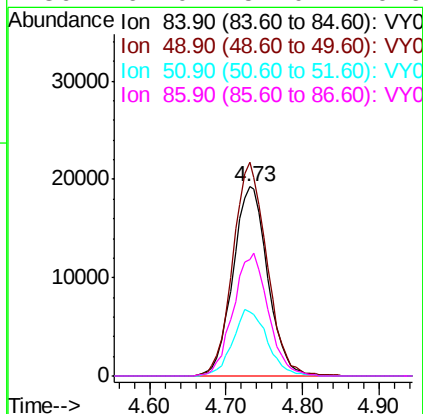
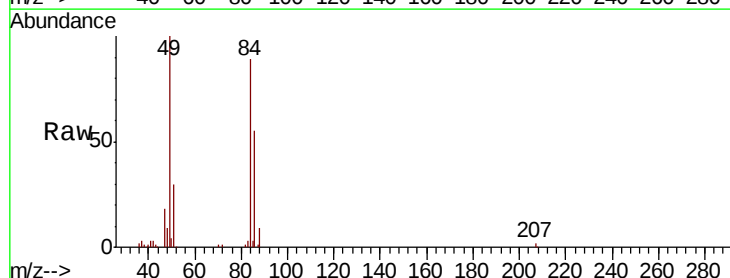
Instrument :
MSVOA_Y
ClientSampled :

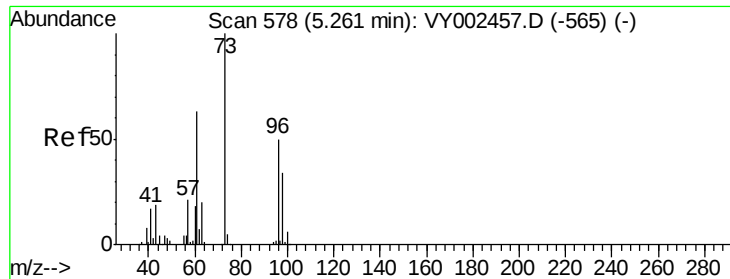
Tot Ion: 73 Resp: 136309
Ion Ratio Lower Upper
73 100
57 19.6 16.0 24.0



#20
Methylene Chloride
Concen: 19.248 ug/l
RT: 4.73 min Scan# 491
Delta R.T. -0.02 min
Lab File: VY002488.D
Acq: 28 Apr 2020 12:51

Tgt Ion: 84 Resp: 60779
Ion Ratio Lower Upper
84 100
49 113.0 86.9 130.3
51 33.6 27.3 40.9
86 62.0 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 19.128 ug/l

RT: 5.24 min Scan# 574

Delta R.T. -0.02 min

Lab File: VY002488.D

Acq: 28 Apr 2020 12:51

Instrument :

MSVOA_Y

ClientSampleId :

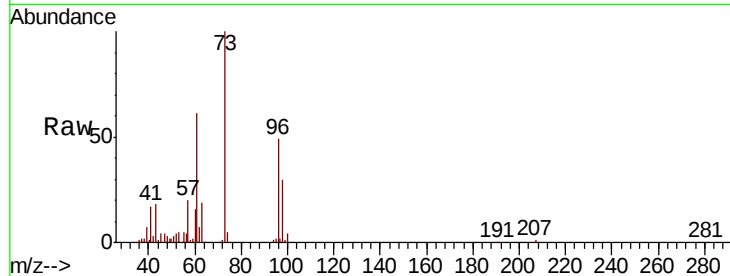
Tot Ion: 96 Resp: 55821

Ion Ratio Lower Upper

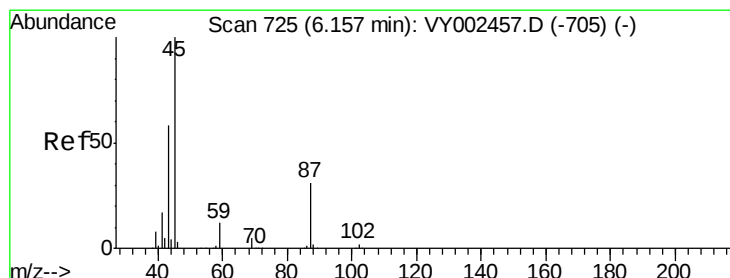
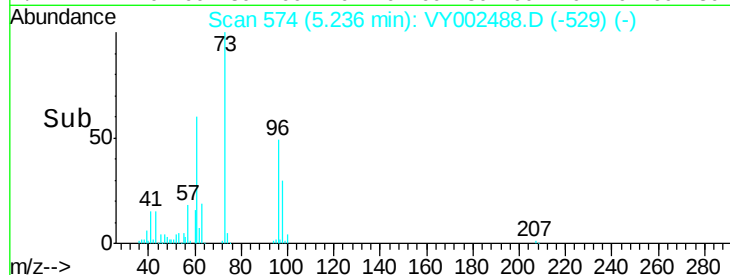
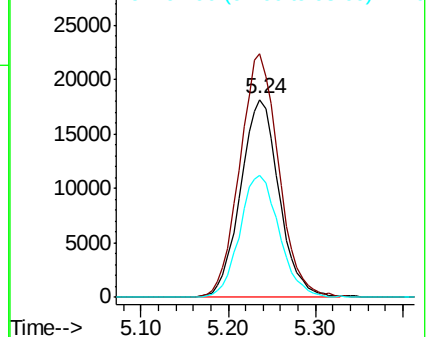
96 100

61 123.2 101.4 152.0

98 61.7 53.6 80.4



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



#22

Diisopropyl ether

Concen: 19.147 ug/l

RT: 6.13 min Scan# 721

Delta R.T. -0.02 min

Lab File: VY002488.D

Acq: 28 Apr 2020 12:51

Tgt Ion: 45 Resp: 144214

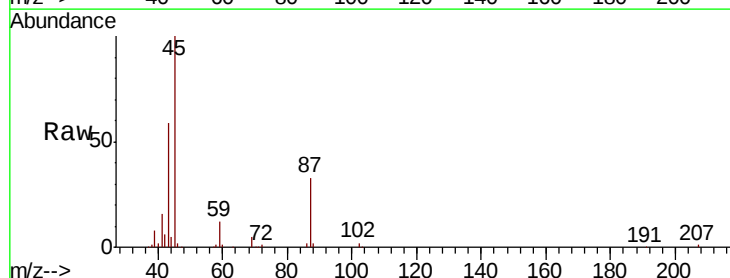
Ion Ratio Lower Upper

45 100

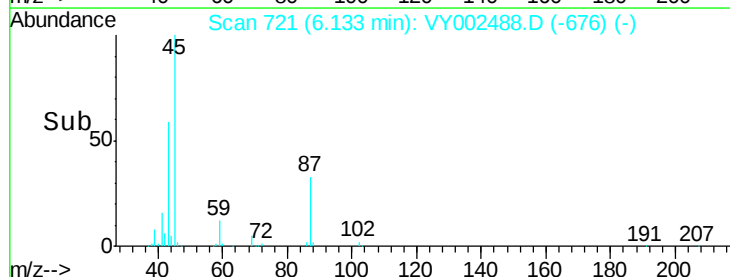
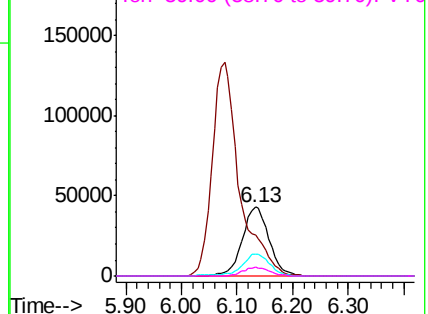
43 59.2 47.1 70.7

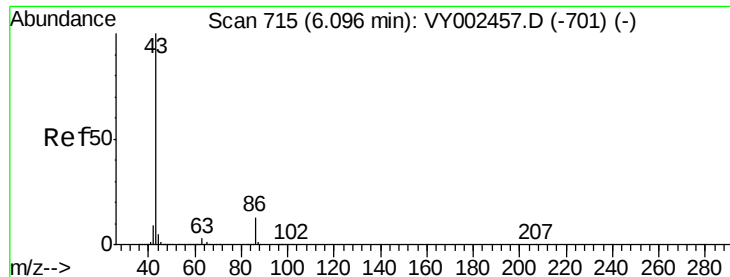
87 32.5 25.0 37.6

59 12.1 9.7 14.5



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





#23

Vinyl Acetate

Concen: 95.120 ug/l

RT: 6.08 min Scan# 712

Delta R.T. -0.02 min

Lab File: VY002488.D

Acq: 28 Apr 2020 12:51

Instrument :

MSVOA_Y

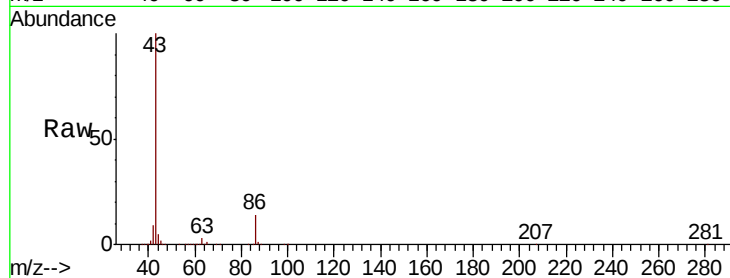
ClientSampled :

Tot Ion: 43 Resp: 455237

Ion Ratio Lower Upper

43 100

86 13.6 10.2 15.4



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

6.08

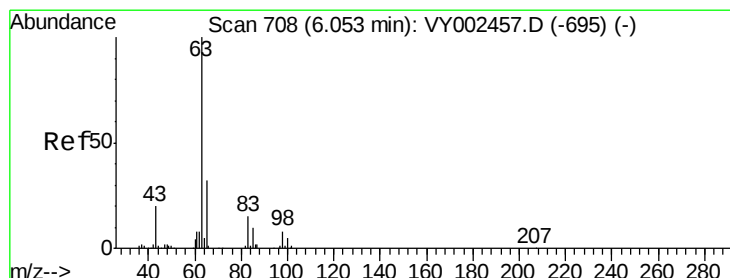
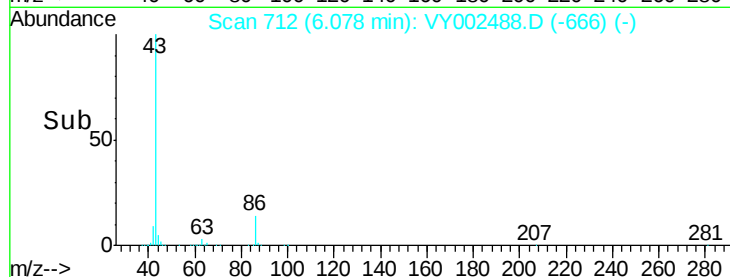
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 19.410 ug/l

RT: 6.04 min Scan# 705

Delta R.T. -0.02 min

Lab File: VY002488.D

Acq: 28 Apr 2020 12:51

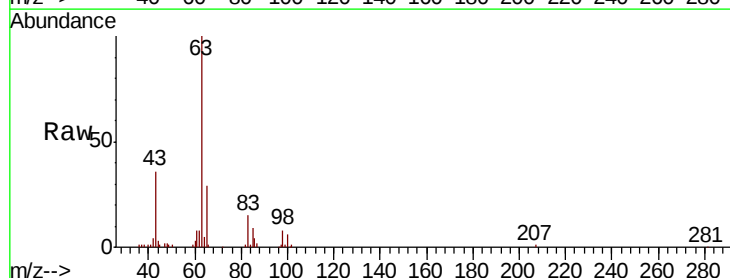
Tgt Ion: 63 Resp: 88509

Ion Ratio Lower Upper

63 100

98 7.9 4.1 12.3

100 5.9 2.5 7.4



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0

6.04

40000

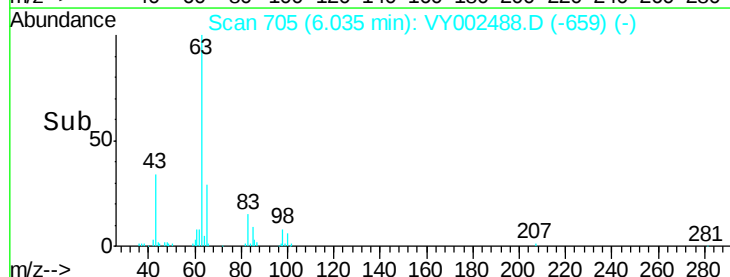
30000

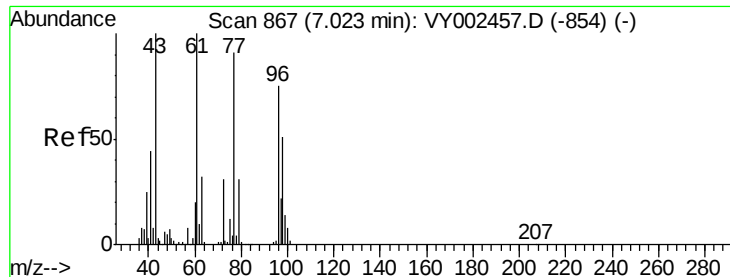
20000

10000

0

Time-->





#25

2-Butanone

Concen: 93.574 ug/l

RT: 7.00 min Scan# 864

Delta R.T. -0.02 min

Lab File: VY002488.D

Acq: 28 Apr 2020 12:51

Instrument :

MSVOA_Y

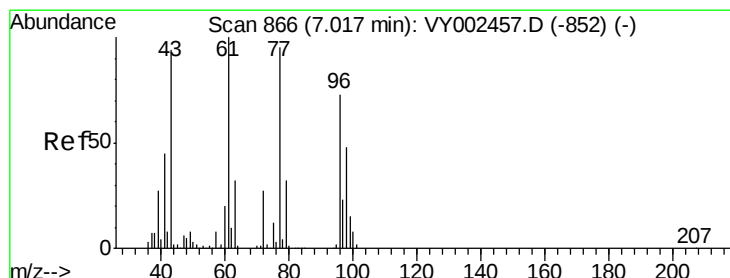
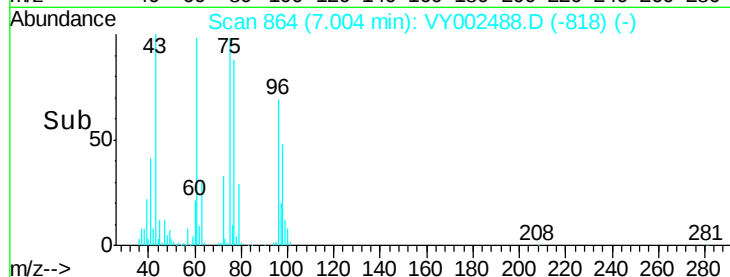
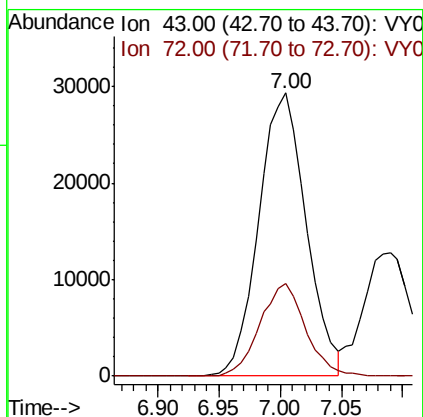
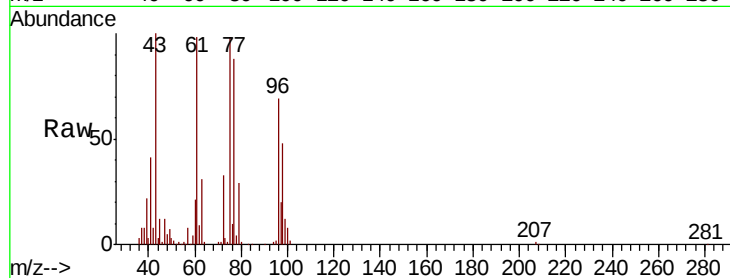
ClientSampleId :

Tot Ion: 43 Resp: 79288

Ion Ratio Lower Upper

43 100

72 32.6 24.8 37.2



#26

2,2-Dichloropropane

Concen: 20.285 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.02 min

Lab File: VY002488.D

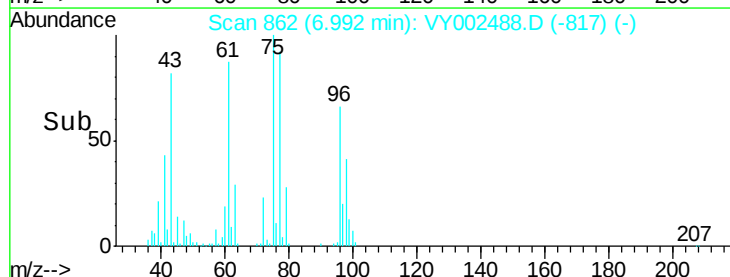
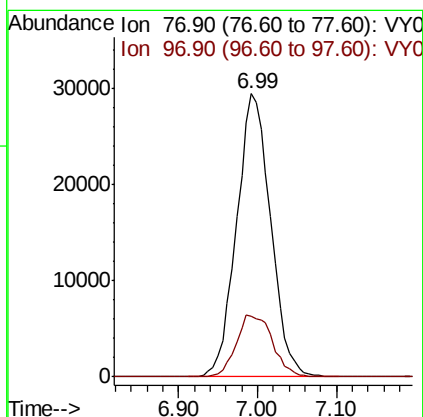
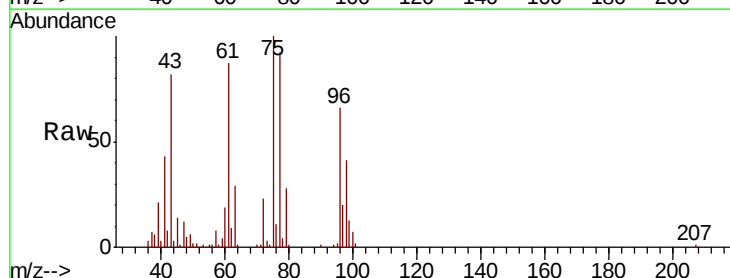
Acq: 28 Apr 2020 12:51

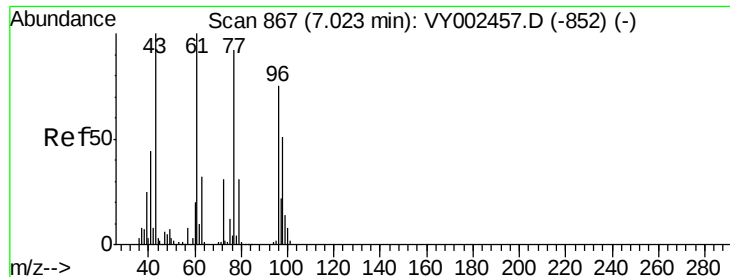
Tgt Ion: 77 Resp: 88464

Ion Ratio Lower Upper

77 100

97 23.2 12.0 36.0



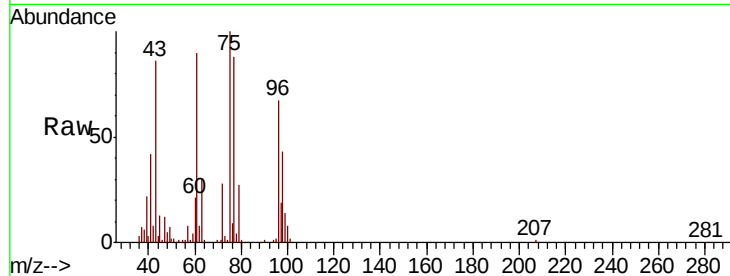


#27

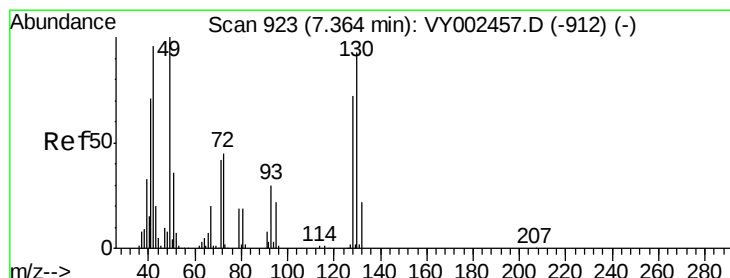
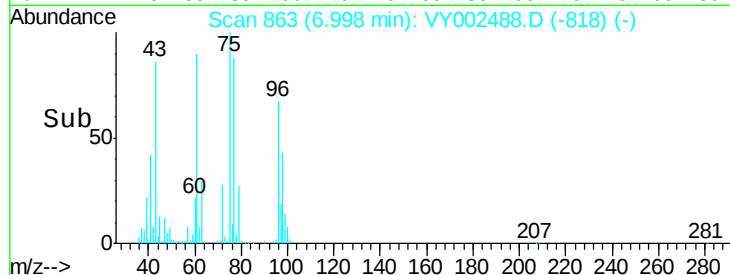
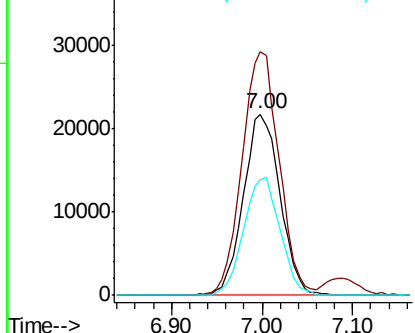
cis-1,2-Dichloroethene
Concen: 19.179 ug/l
RT: 7.00 min Scan# 863
Delta R.T. -0.02 min
Lab File: VY002488.D
Acq: 28 Apr 2020 12:51

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 96 Resp: 60876
Ion Ratio Lower Upper
96 100
61 135.9 0.0 262.6
98 64.6 0.0 131.0



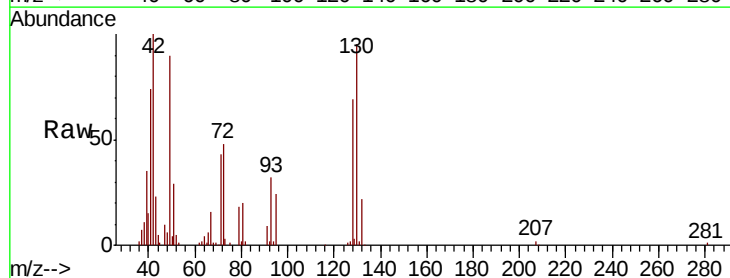
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



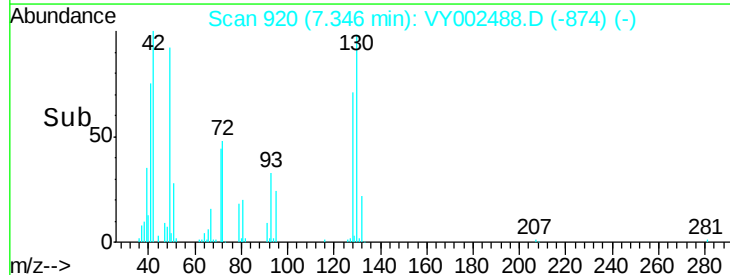
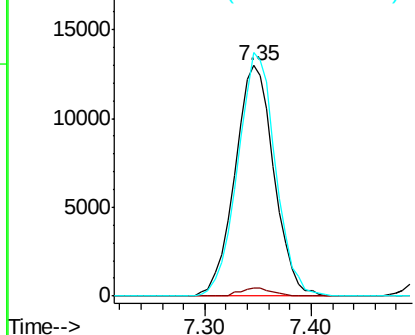
#28

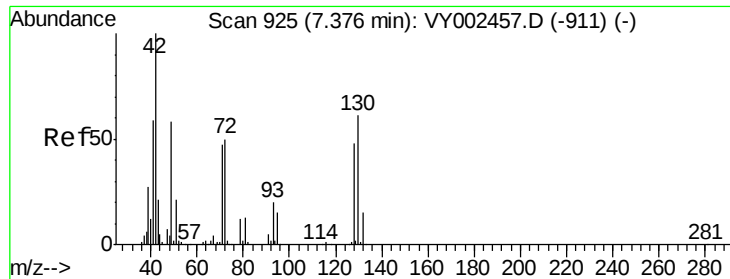
Bromochloromethane
Concen: 18.764 ug/l
RT: 7.35 min Scan# 920
Delta R.T. -0.02 min
Lab File: VY002488.D
Acq: 28 Apr 2020 12:51

Tgt Ion: 49 Resp: 33381
Ion Ratio Lower Upper
49 100
129 3.0 0.0 5.6
130 102.2 76.3 114.5



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

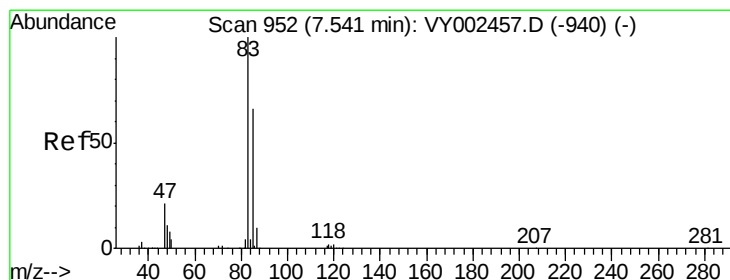
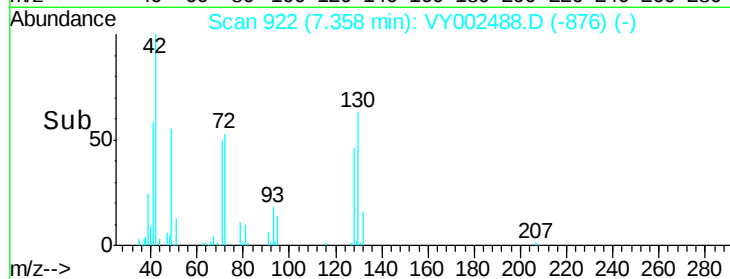
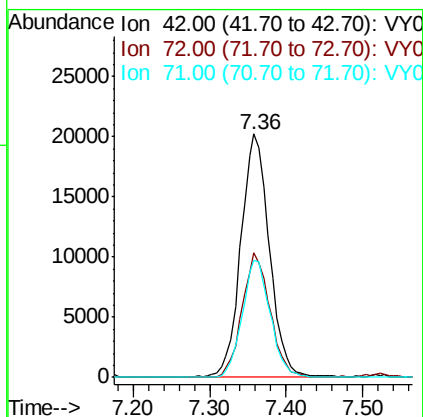
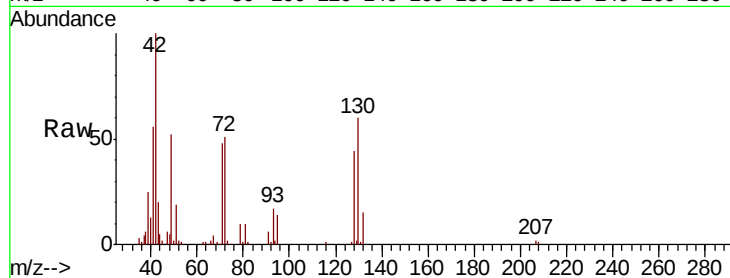




#29
Tetrahydrofuran
Concen: 93.414 ug/l
RT: 7.36 min Scan# 922
Delta R.T. -0.02 min
Lab File: VY002488.D
Acq: 28 Apr 2020 12:51

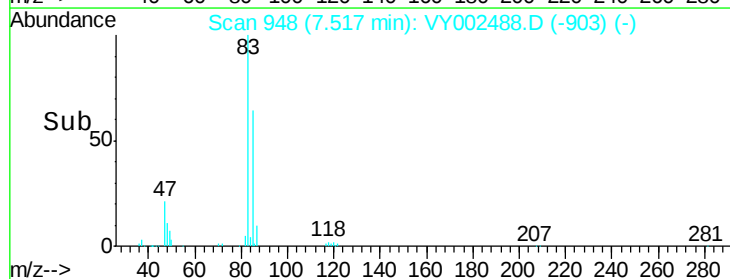
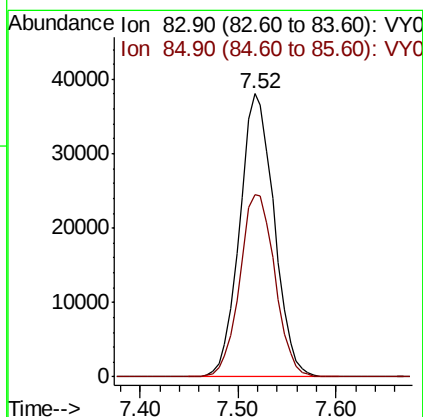
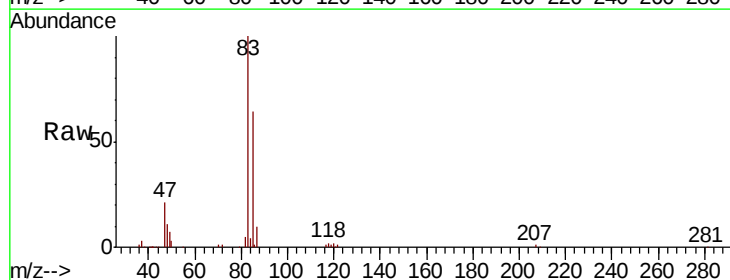
Instrument :
MSVOA_Y
ClientSampleId :

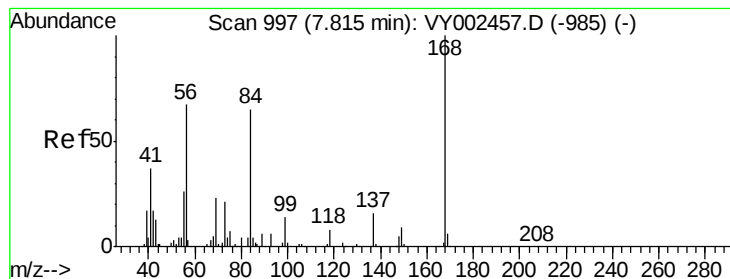
Tot Ion: 42 Resp: 52478
Ion Ratio Lower Upper
42 100
72 49.8 39.5 59.3
71 47.0 37.6 56.4



#30
Chloroform
Concen: 19.113 ug/l
RT: 7.52 min Scan# 948
Delta R.T. -0.02 min
Lab File: VY002488.D
Acq: 28 Apr 2020 12:51

Tgt Ion: 83 Resp: 92799
Ion Ratio Lower Upper
83 100
85 64.4 52.4 78.6





#31

Cyclohexane

Concen: 18.188 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.02 min

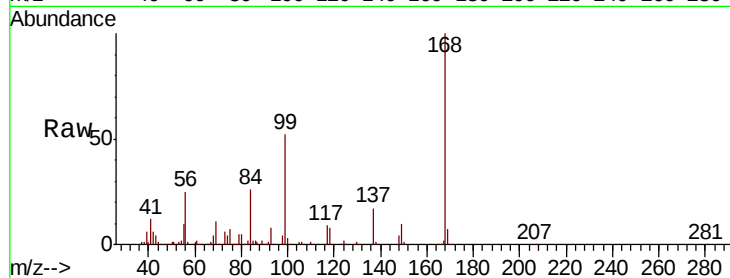
Lab File: VY002488.D

Acq: 28 Apr 2020 12:51

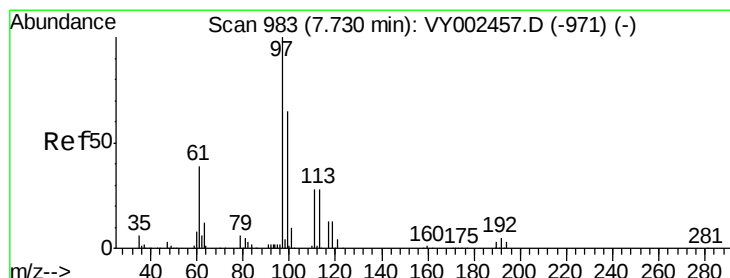
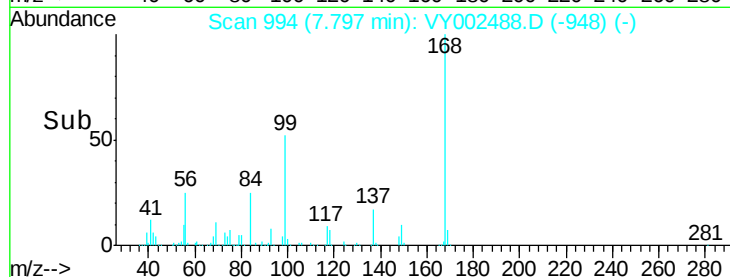
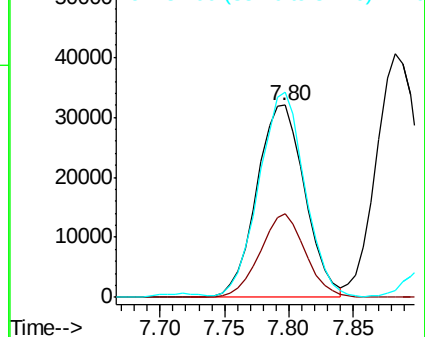
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 56 Resp: 82933

Ion	Ratio	Lower	Upper
56	100		
69	43.5	27.0	40.6#
84	105.3	77.4	116.2



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



#32

1,1,1-Trichloroethane

Concen: 19.676 ug/l

RT: 7.71 min Scan# 980

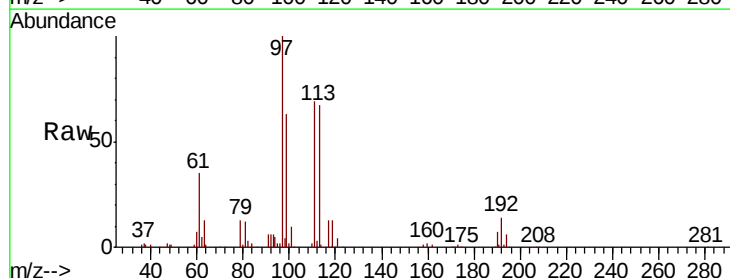
Delta R.T. -0.02 min

Lab File: VY002488.D

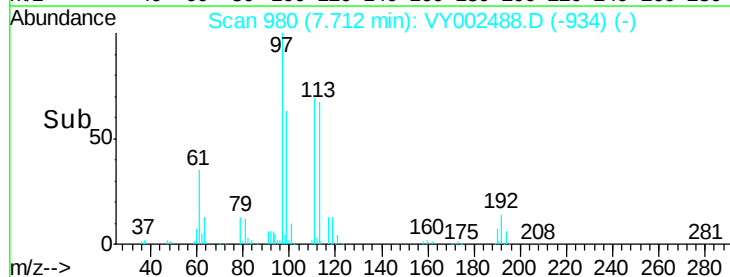
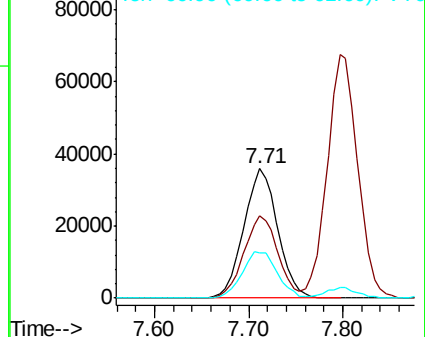
Acq: 28 Apr 2020 12:51

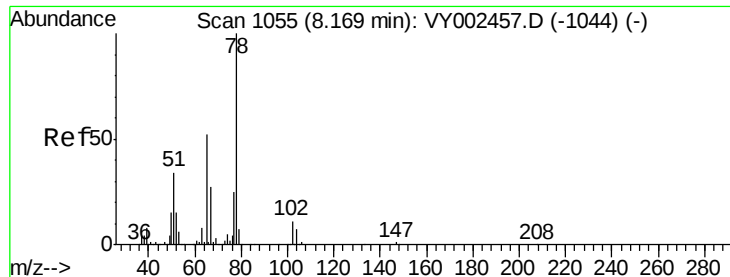
Tgt Ion: 97 Resp: 90269

Ion	Ratio	Lower	Upper
97	100		
99	64.0	51.6	77.4
61	37.8	30.6	45.8



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

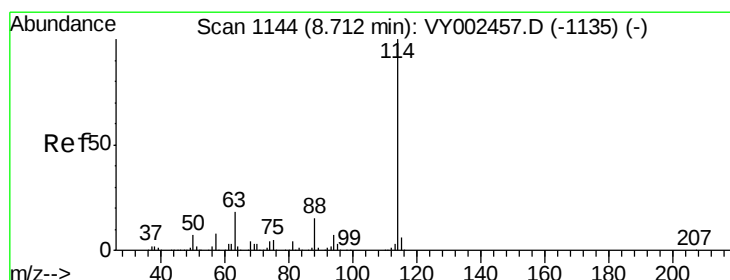
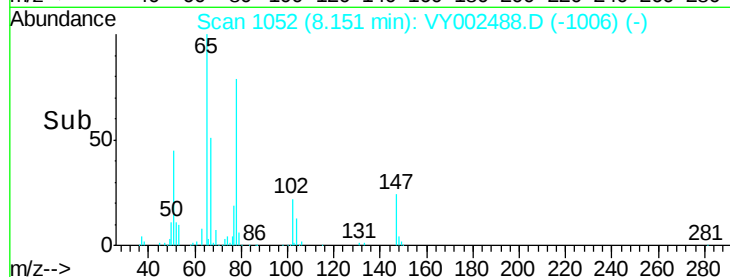
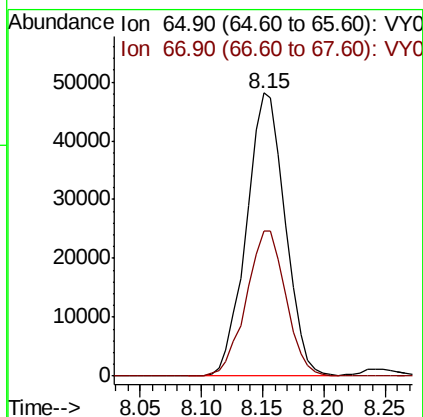
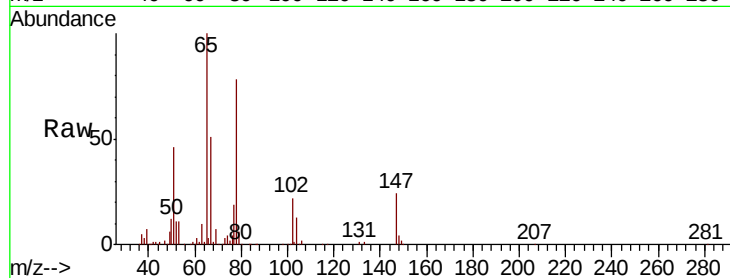




#33
 1,2-Dichloroethane-d4
 Concen: 40.102 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.02 min
 Lab File: VY002488.D
 Acq: 28 Apr 2020 12:51

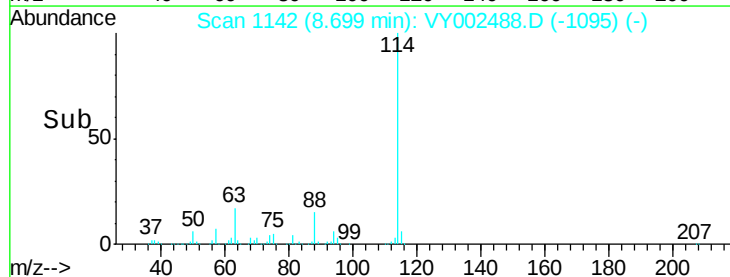
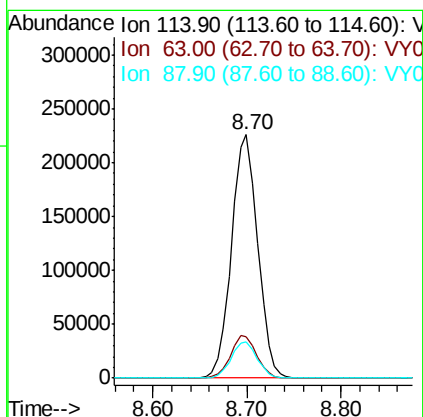
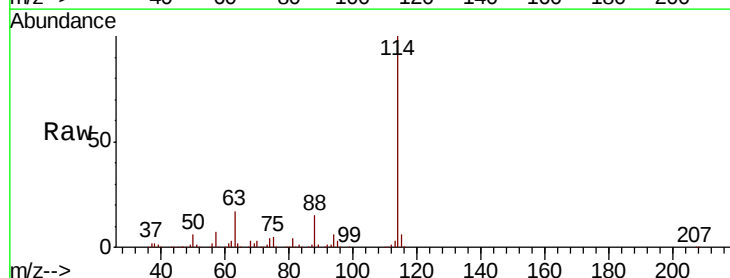
Instrument :
 MSVOA_Y
 ClientSampleId :

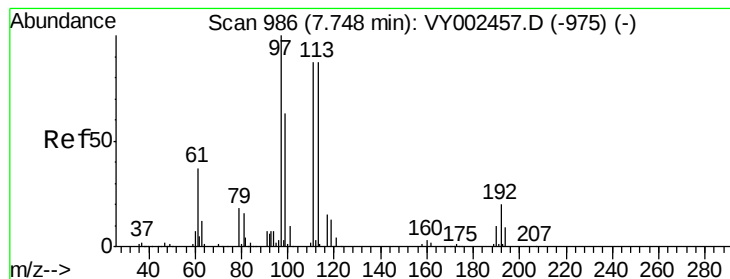
Tot Ion: 65 Resp: 106131
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: VY002488.D
 Acq: 28 Apr 2020 12:51

Tgt Ion: 114 Resp: 436007
 Ion Ratio Lower Upper
 114 100
 63 17.2 0.0 35.6
 88 14.6 0.0 29.4





#35

Dibromofluoromethane

Concen: 46.117 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.02 min

Lab File: VY002488.D

Acq: 28 Apr 2020 12:51

Instrument :

MSVOA_Y

ClientSampleId :

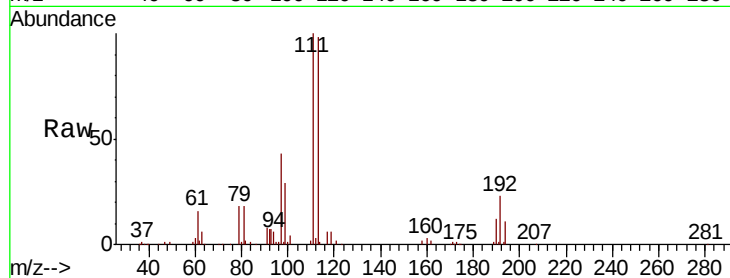
Tot Ion:113 Resp: 113416

Ion Ratio Lower Upper

113 100

111 101.2 81.0 121.4

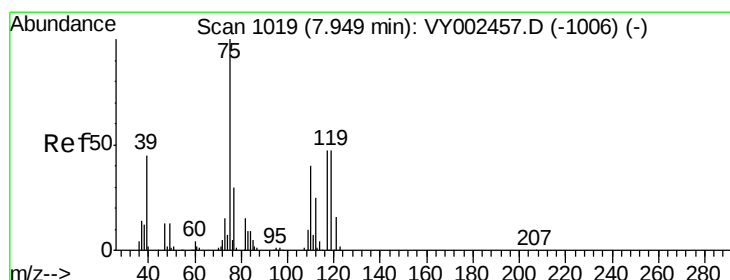
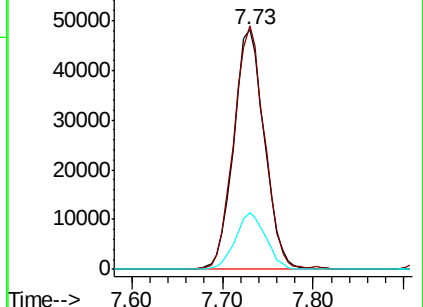
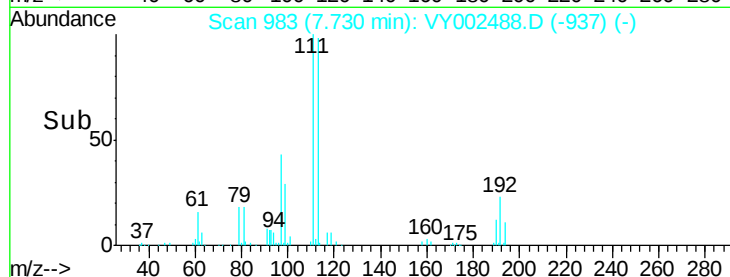
192 23.4 18.6 27.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 19.450 ug/l

RT: 7.93 min Scan# 1016

Delta R.T. -0.02 min

Lab File: VY002488.D

Acq: 28 Apr 2020 12:51

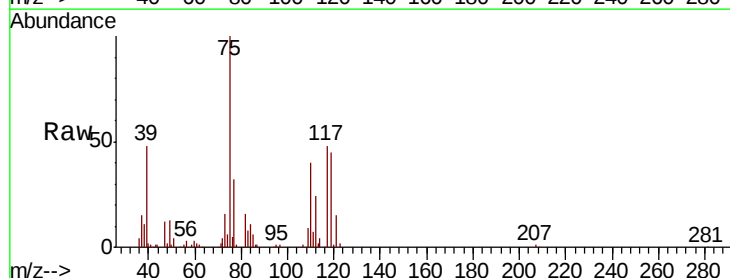
Tgt Ion: 75 Resp: 72717

Ion Ratio Lower Upper

75 100

110 38.8 19.4 58.4

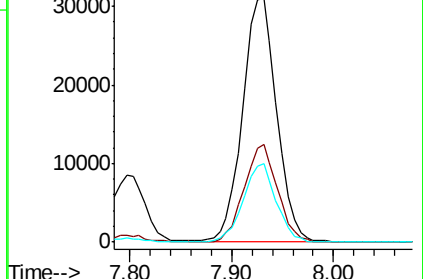
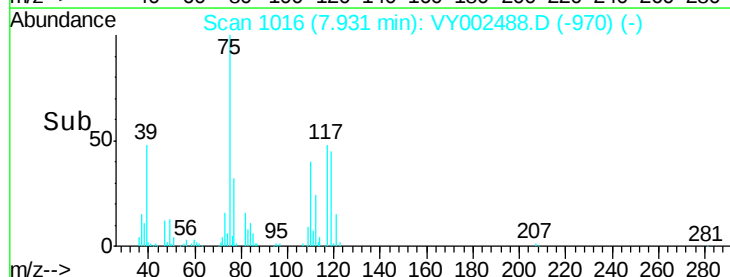
77 30.9 24.7 37.1

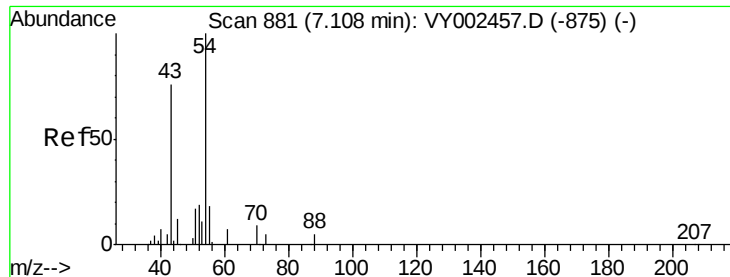


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

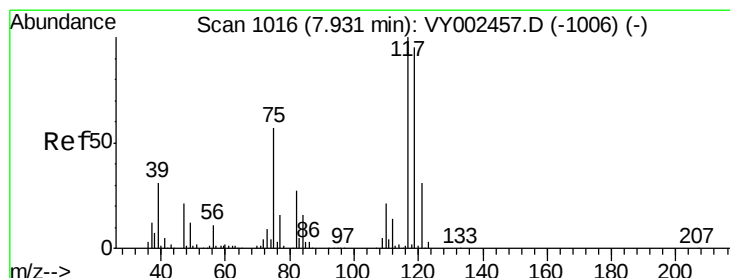
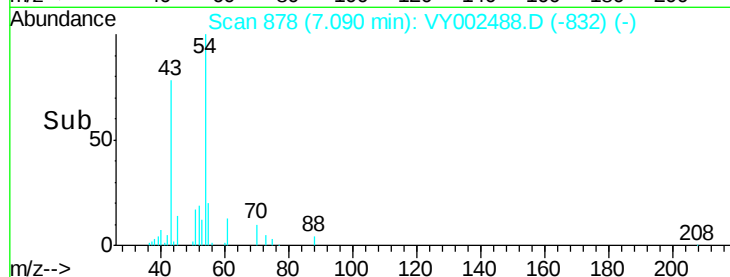
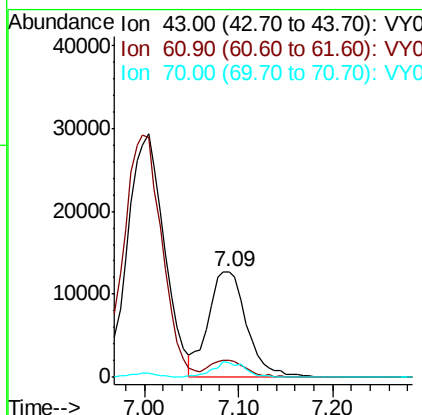
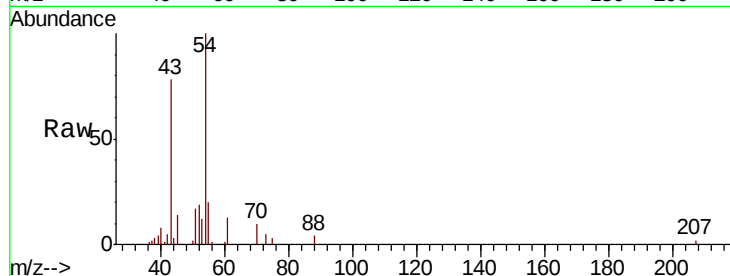




#37
Ethyl Acetate
Concen: 19.339 ug/l
RT: 7.09 min Scan# 878
Delta R.T. -0.02 min
Lab File: VY002488.D
Acq: 28 Apr 2020 12:51

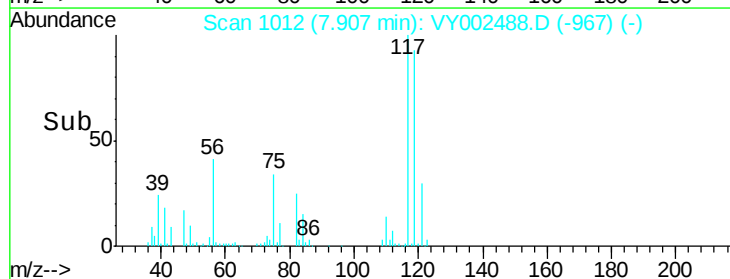
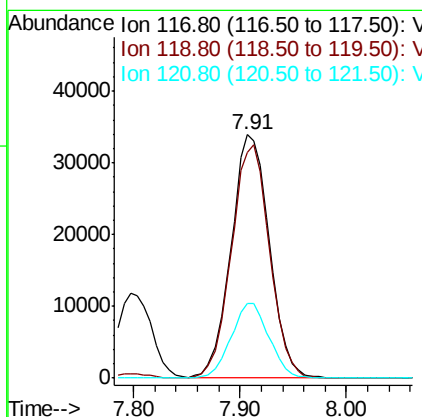
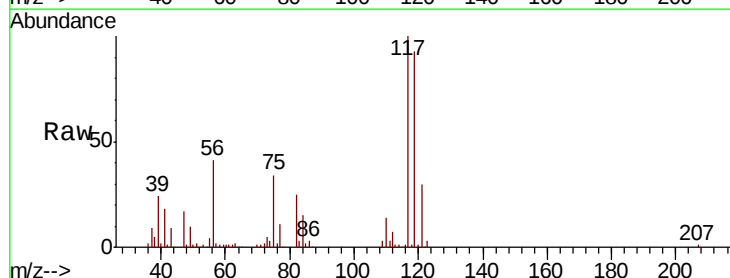
Instrument :
MSVOA_Y
ClientSampleId :

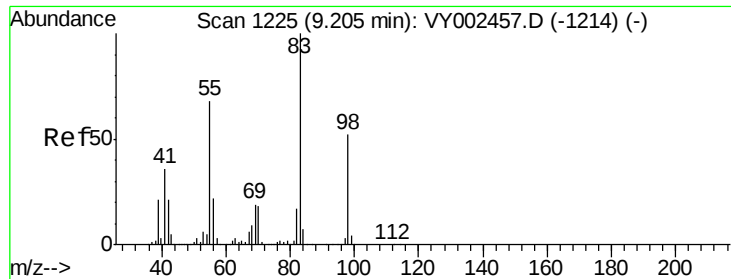
Tot Ion: 43 Resp: 36323
Ion Ratio Lower Upper
43 100
61 15.0 11.8 17.8
70 12.3 9.3 13.9



#38
Carbon Tetrachloride
Concen: 19.916 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.02 min
Lab File: VY002488.D
Acq: 28 Apr 2020 12:51

Tgt Ion: 117 Resp: 85624
Ion Ratio Lower Upper
117 100
119 92.8 75.9 113.9
121 30.4 24.5 36.7

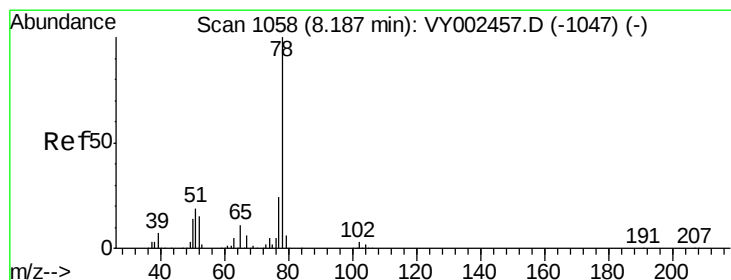
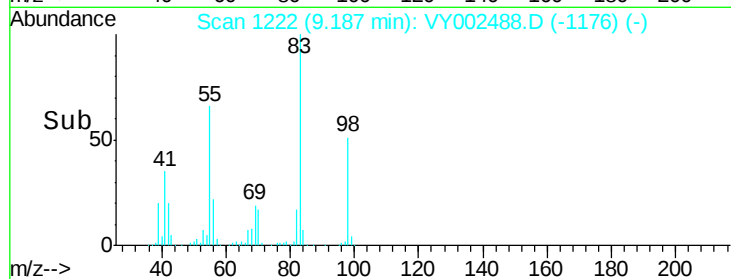
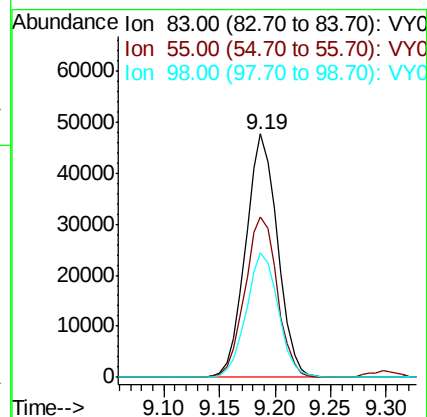
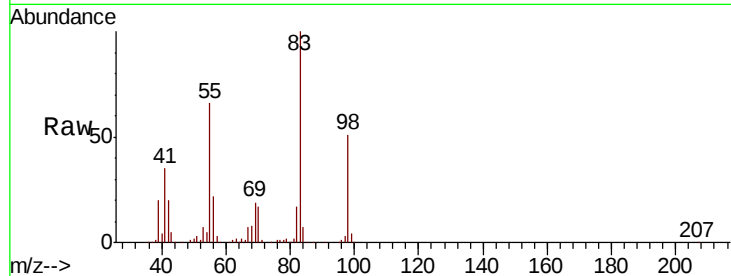




#39
Methvlcvclohexane
Concen: 19.450 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.02 min
Lab File: VY002488.D
Acq: 28 Apr 2020 12:51

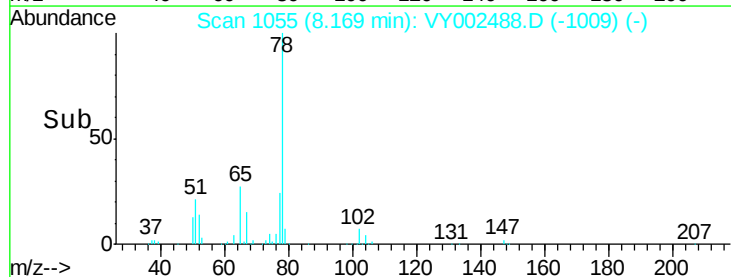
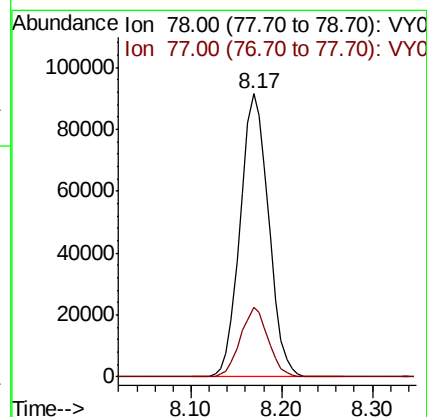
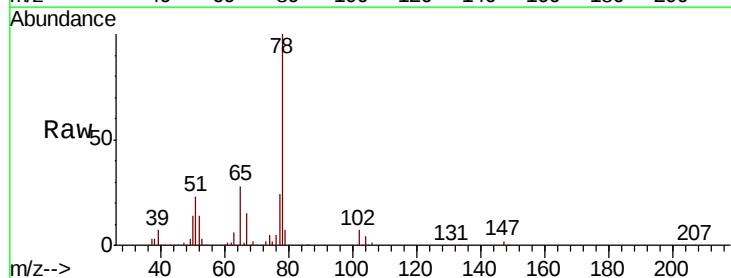
Instrument :
MSVOA_Y
ClientSampleId :

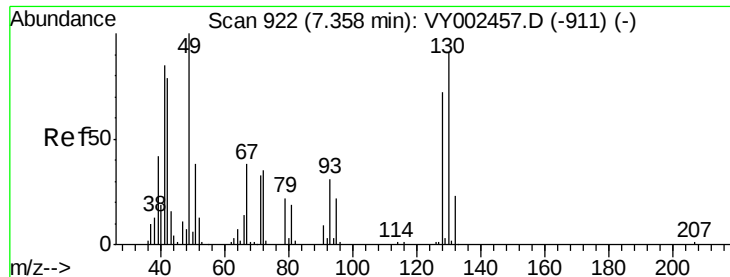
Tot Ion: 83 Resp: 94858
Ion Ratio Lower Upper
83 100
55 66.0 54.2 81.2
98 51.0 41.9 62.9



#40
Benzene
Concen: 18.442 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.02 min
Lab File: VY002488.D
Acq: 28 Apr 2020 12:51

Tgt Ion: 78 Resp: 199276
Ion Ratio Lower Upper
78 100
77 24.4 19.4 29.0





#41

Methacrylonitrile

Concen: 43.072 ug/l

RT: 7.35 min Scan# 921

Delta R.T. -0.01 min

Lab File: VY002488.D

Acq: 28 Apr 2020 12:51

Instrument :

MSVOA_Y

ClientSampleId :

Tot Ion: 41 Resp: 49841

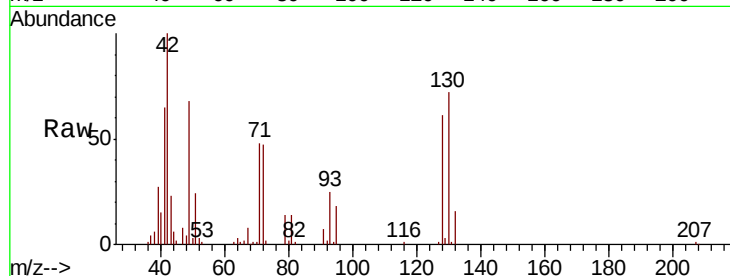
Ion Ratio Lower Upper

41 100

39 0.0 85.7 128.5#

67 0.0 0.0 0.0

52 0.0 0.0 0.0

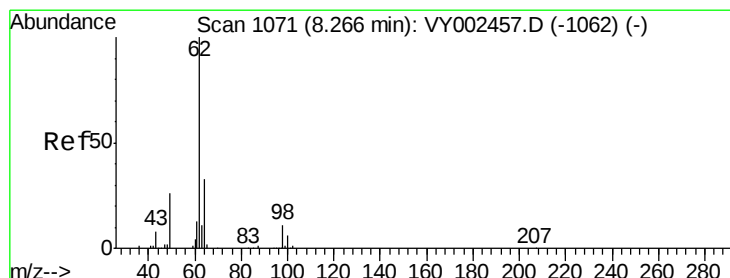
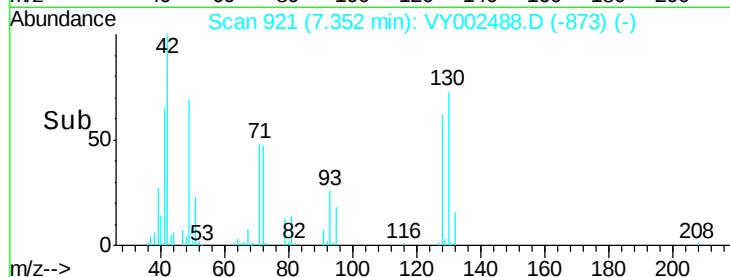
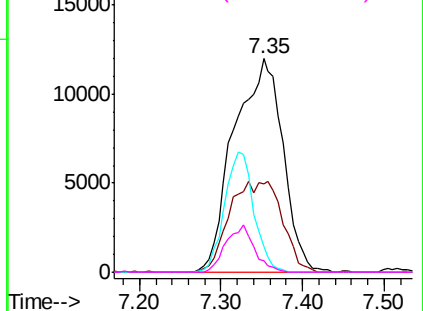


Abundance Ion 41.00 (40.70 to 41.70): VY0

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: 19.956 ug/l

RT: 8.25 min Scan# 1068

Delta R.T. -0.02 min

Lab File: VY002488.D

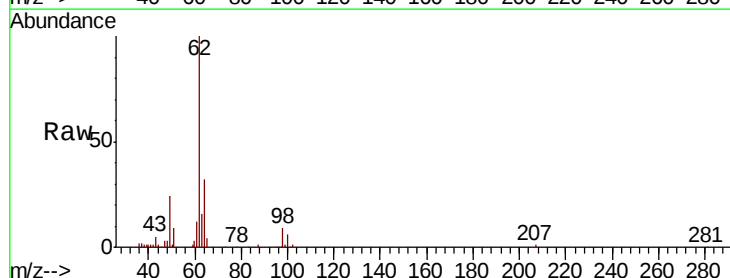
Acq: 28 Apr 2020 12:51

Tgt Ion: 62 Resp: 62640

Ion Ratio Lower Upper

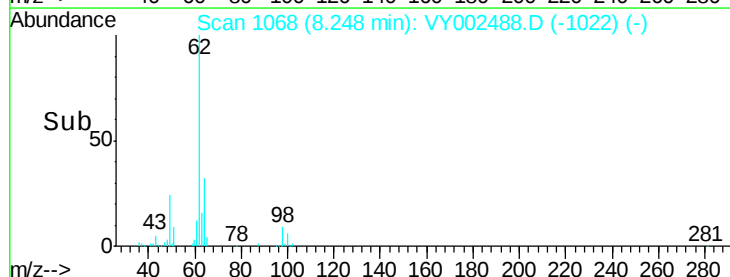
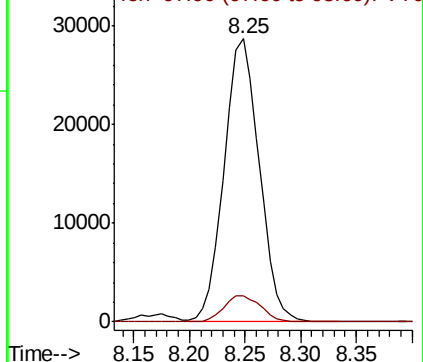
62 100

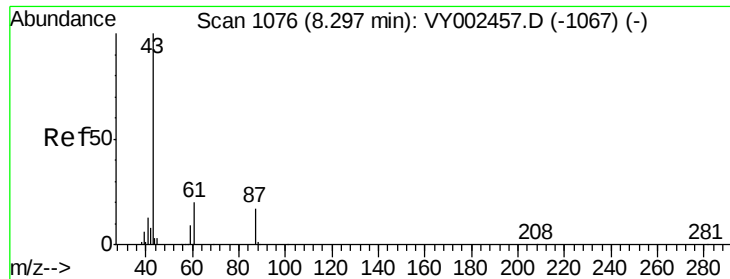
98 9.8 0.0 20.6



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 97.90 (97.60 to 98.60): VY0



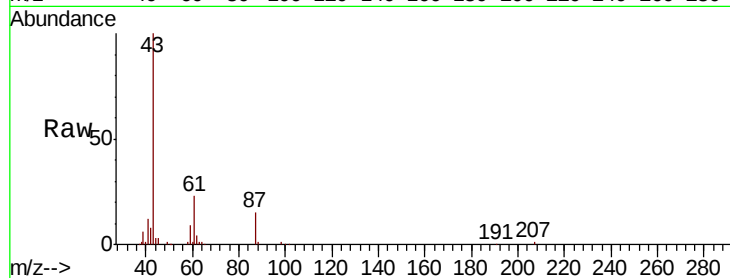


#43

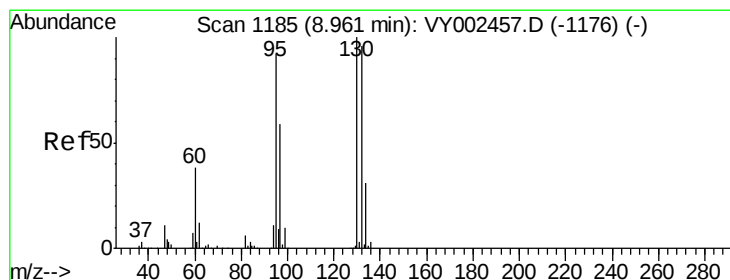
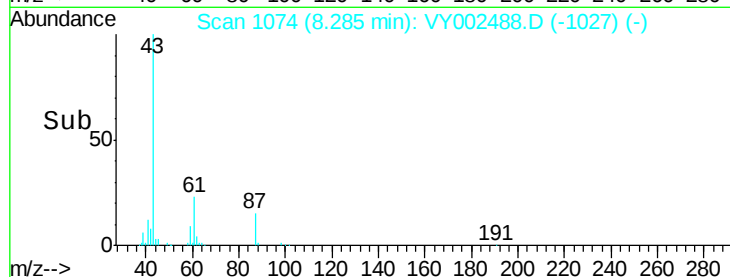
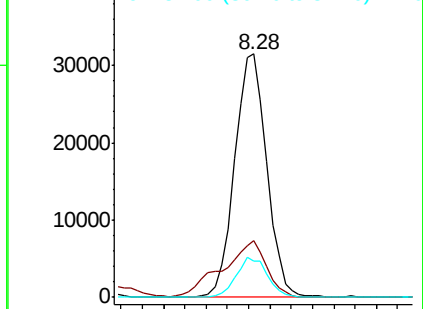
Isopropyl Acetate
 Concen: 18.959 ug/l
 RT: 8.28 min Scan# 1074
 Delta R.T. -0.01 min
 Lab File: VY002488.D
 Acq: 28 Apr 2020 12:51

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion	43	Resp	66600
Ion Ratio	Lower	Upper	
43	100		
61	32.0	25.0	37.4
87	16.1	13.0	19.4



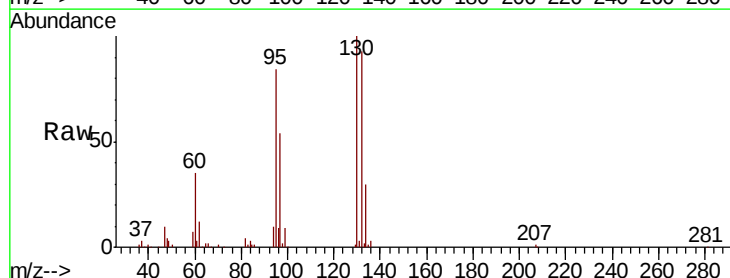
Abundance Ion 43.00 (42.70 to 43.70): VY0
 Ion 61.00 (60.70 to 61.70): VY0
 Ion 87.00 (86.70 to 87.70): VY0



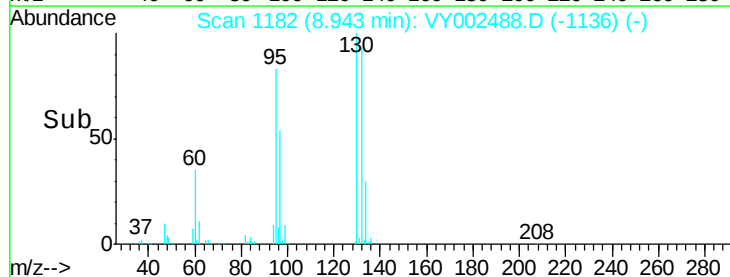
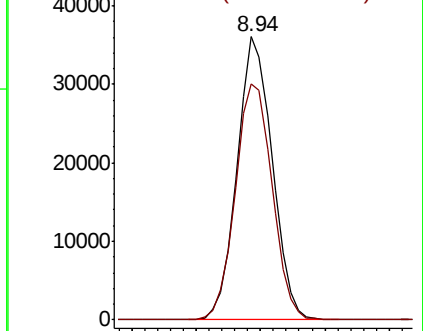
#44

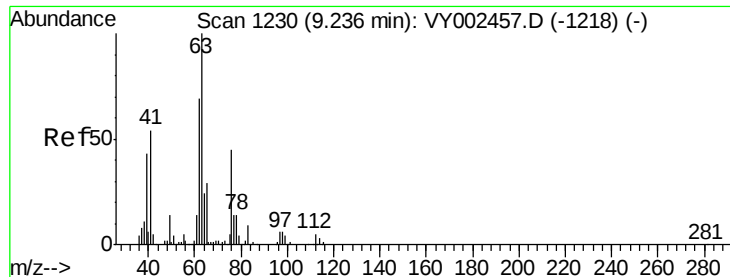
Trichloroethene
 Concen: 20.164 ug/l
 RT: 8.94 min Scan# 1182
 Delta R.T. -0.02 min
 Lab File: VY002488.D
 Acq: 28 Apr 2020 12:51

Tgt Ion	130	Resp	68128
Ion Ratio	Lower	Upper	
130	100		
95	83.6	0.0	184.2



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

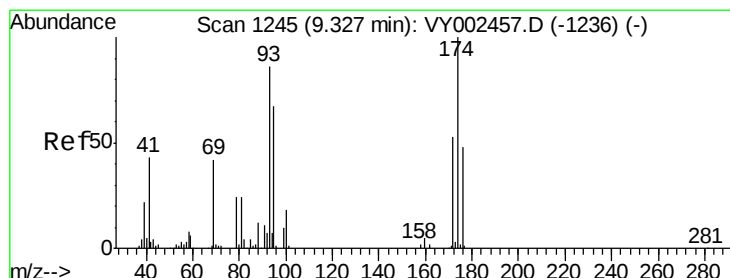
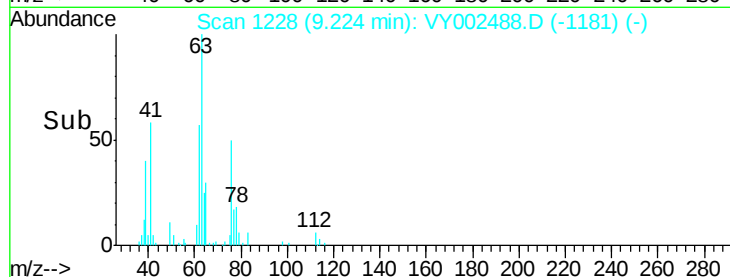
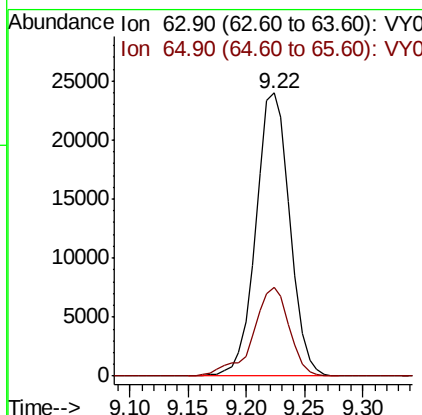
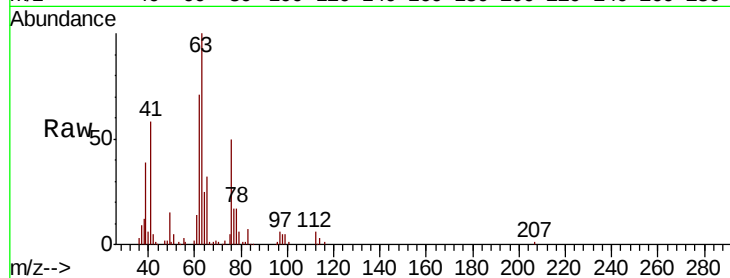




#45
 1,2-Dichloropropane
 Concen: 19.546 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: VY002488.D
 Acq: 28 Apr 2020 12:51

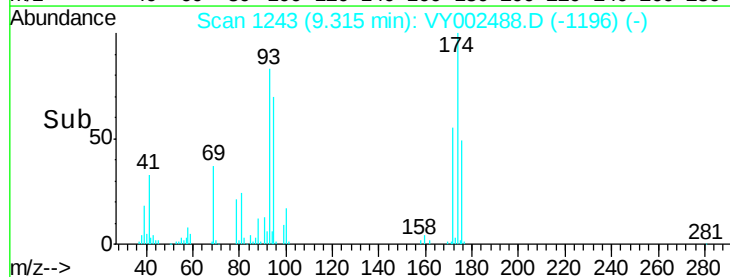
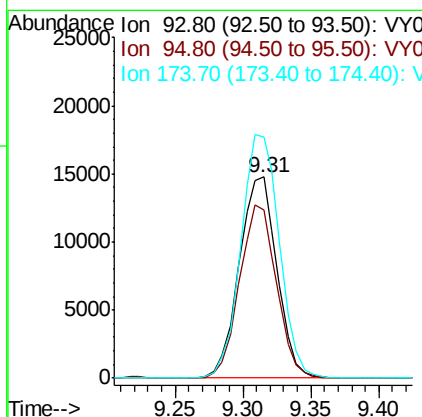
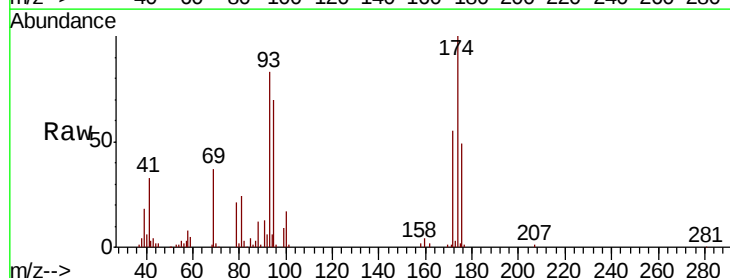
Instrument :
 MSVOA_Y
 ClientSampled :

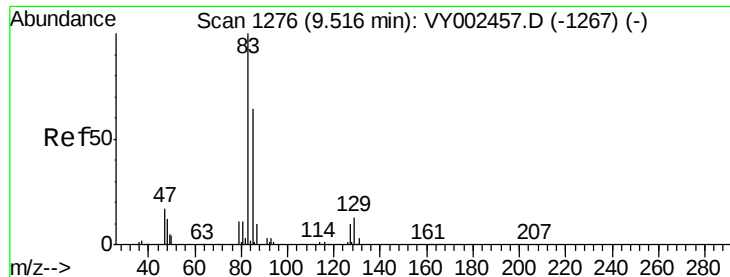
Tot Ion: 63 Resp: 48678
 Ion Ratio Lower Upper
 63 100
 65 31.6 23.4 35.0



#46
 Dibromomethane
 Concen: 19.625 ug/l
 RT: 9.31 min Scan# 1243
 Delta R.T. -0.01 min
 Lab File: VY002488.D
 Acq: 28 Apr 2020 12:51

Tgt Ion: 93 Resp: 28595
 Ion Ratio Lower Upper
 93 100
 95 84.3 65.4 98.0
 174 123.3 94.8 142.2





#47

Bromodichloromethane

Concen: 20.053 ug/l

RT: 9.50 min Scan# 1274

Delta R.T. -0.01 min

Lab File: VY002488.D

Acq: 28 Apr 2020 12:51

Instrument :
MSVOA_Y
ClientSampled :

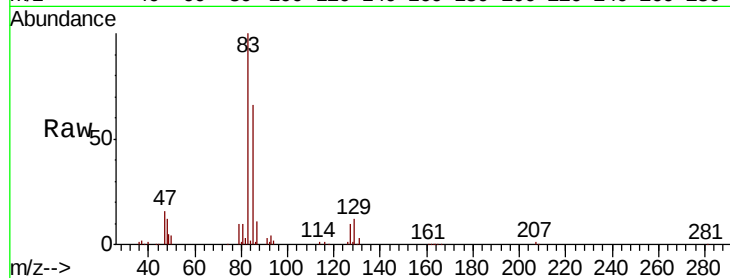
Tot Ion: 83 Resp: 73067

Ion Ratio Lower Upper

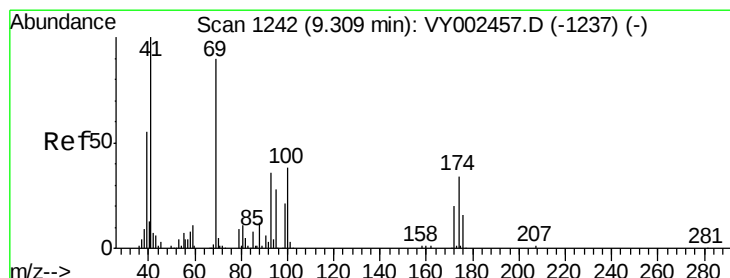
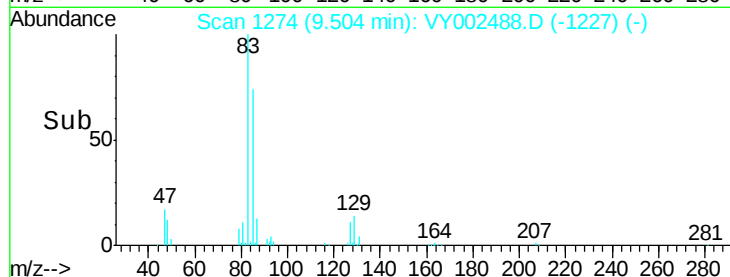
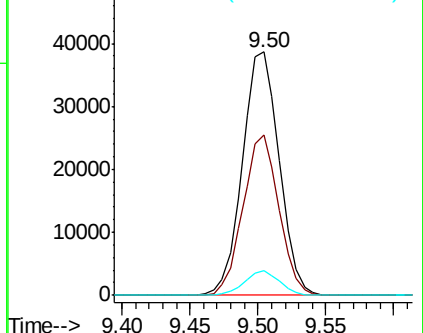
83 100

85 65.8 51.2 76.8

127 10.1 7.7 11.5



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



#48

Methyl methacrylate

Concen: 19.029 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. -0.01 min

Lab File: VY002488.D

Acq: 28 Apr 2020 12:51

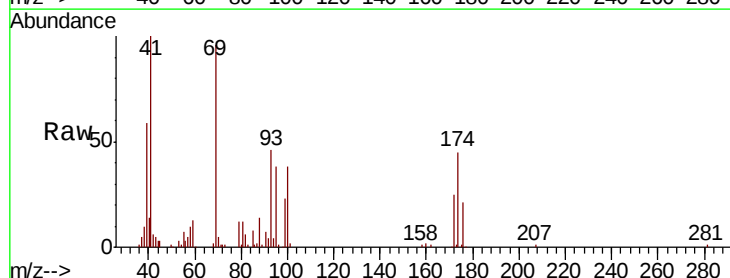
Tgt Ion: 41 Resp: 30516

Ion Ratio Lower Upper

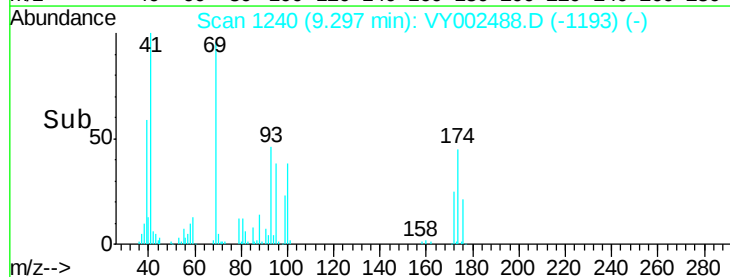
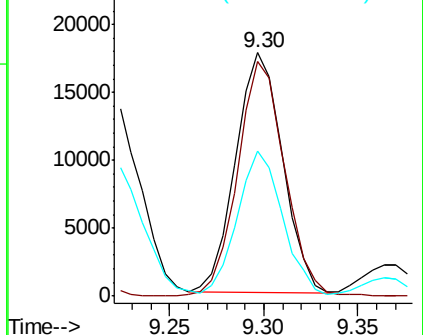
41 100

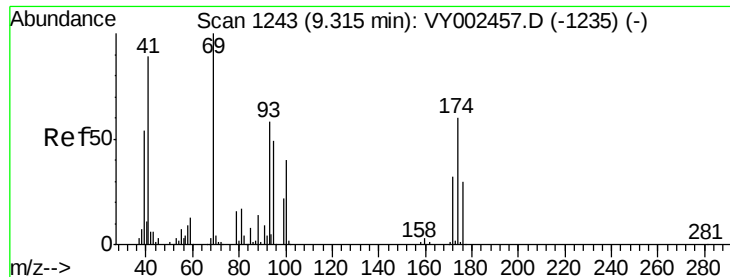
69 98.3 77.9 116.9

39 56.6 47.9 71.9



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

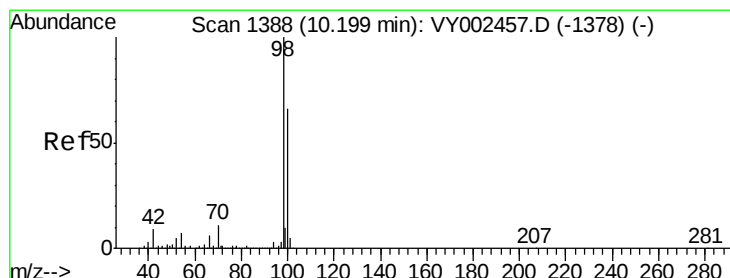
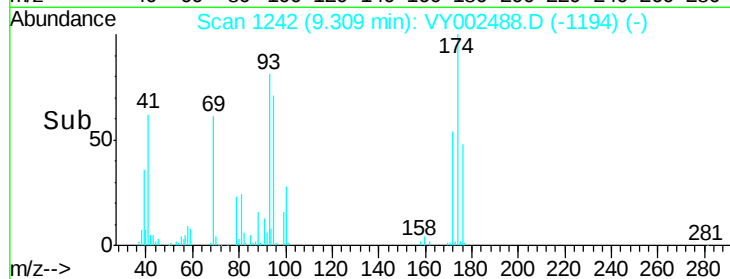
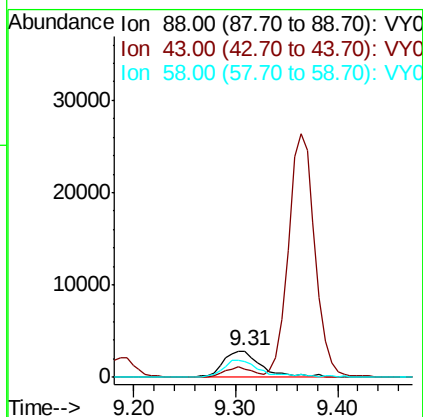
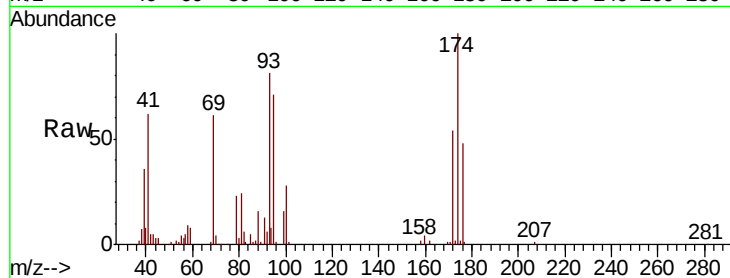




#49
1,4-Dioxane
Concen: 404.819 ug/l
RT: 9.31 min Scan# 1242
Delta R.T. -0.01 min
Lab File: VY002488.D
Acq: 28 Apr 2020 12:51

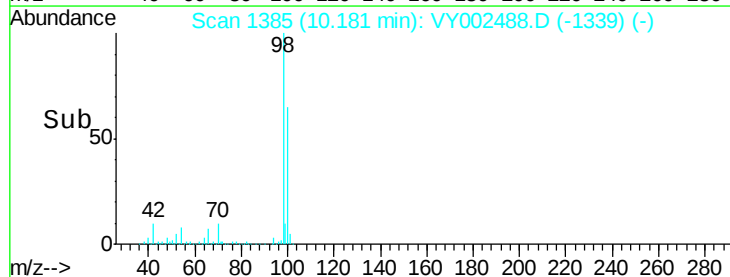
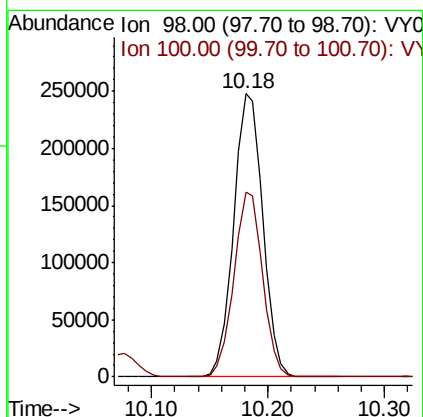
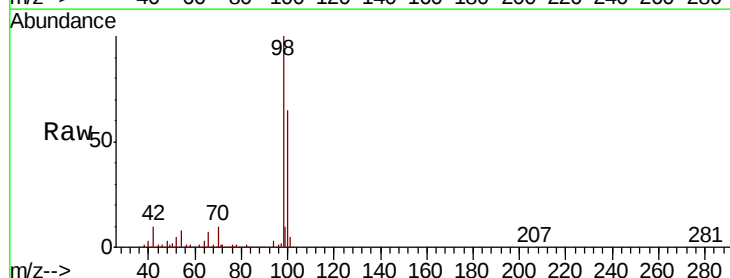
Instrument :
MSVOA_Y
ClientSampleId :

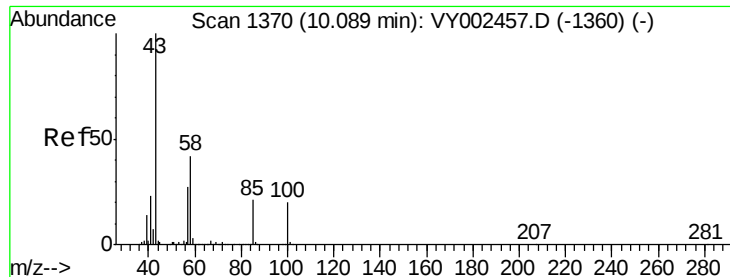
Tot Ion: 88 Resp: 7517
Ion Ratio Lower Upper
88 100
43 29.6 22.9 34.3
58 62.9 49.5 74.3



#50
Toluene-d8
Concen: 43.803 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.02 min
Lab File: VY002488.D
Acq: 28 Apr 2020 12:51

Tgt Ion: 98 Resp: 432968
Ion Ratio Lower Upper
98 100
100 64.2 51.1 76.7

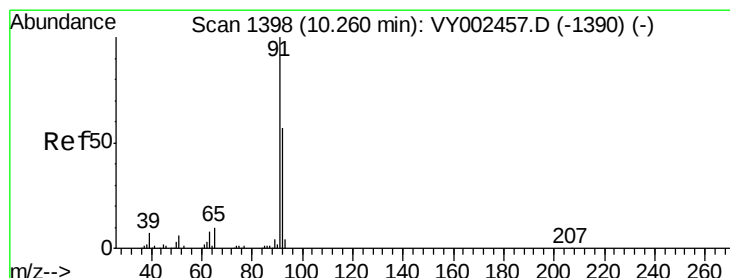
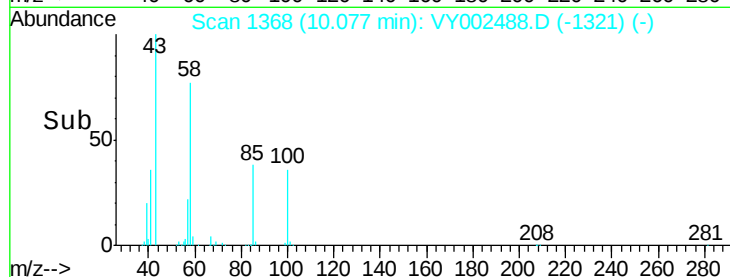
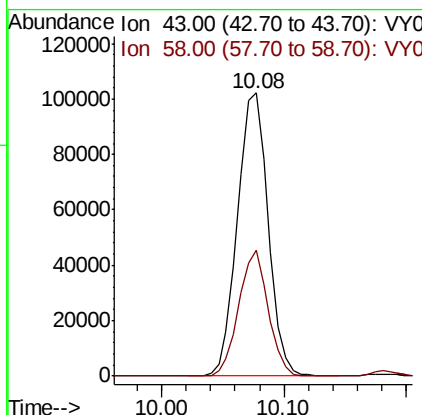
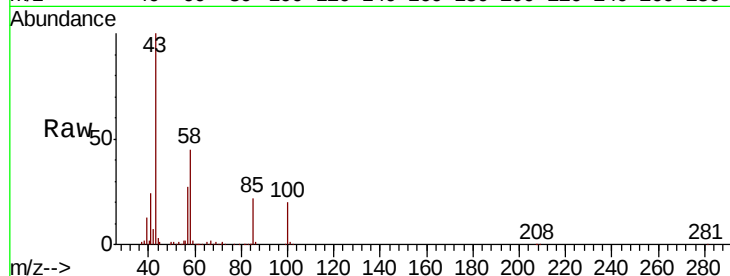




#51
 4-Methyl-2-Pentanone
 Concen: 97.484 ug/l
 RT: 10.08 min Scan# 1368
 Delta R.T. -0.01 min
 Lab File: VY002488.D
 Acq: 28 Apr 2020 12:51

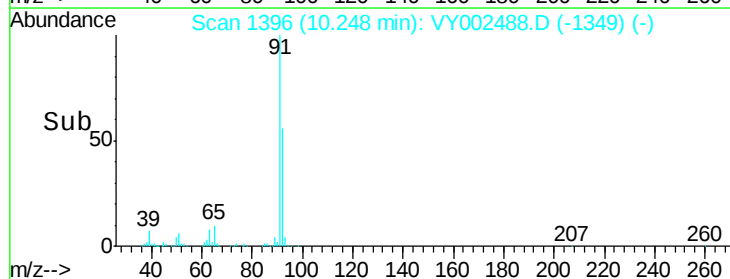
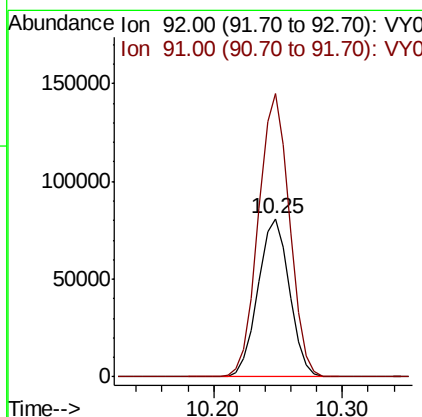
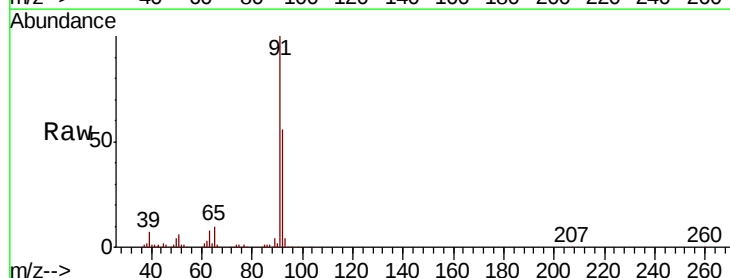
Instrument :
 MSVOA_Y
 ClientSampled :

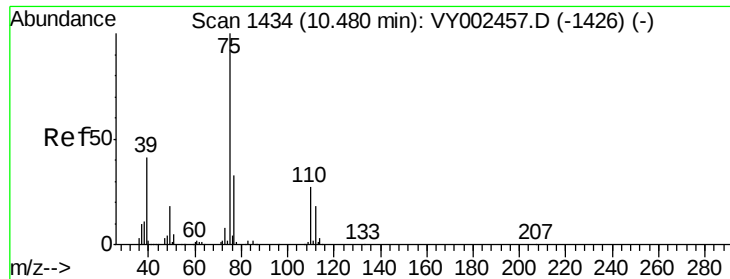
Tot Ion: 43 Resp: 177871
 Ion Ratio Lower Upper
 43 100
 58 42.5 33.2 49.8



#52
 Toluene
 Concen: 19.670 ug/l
 RT: 10.25 min Scan# 1396
 Delta R.T. -0.01 min
 Lab File: VY002488.D
 Acq: 28 Apr 2020 12:51

Tgt Ion: 92 Resp: 136816
 Ion Ratio Lower Upper
 92 100
 91 176.7 140.2 210.2





#53

t-1,3-Dichloropropene

Concen: 20.430 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.01 min

Lab File: VY002488.D

Acq: 28 Apr 2020 12:51

Instrument :

MSVOA_Y

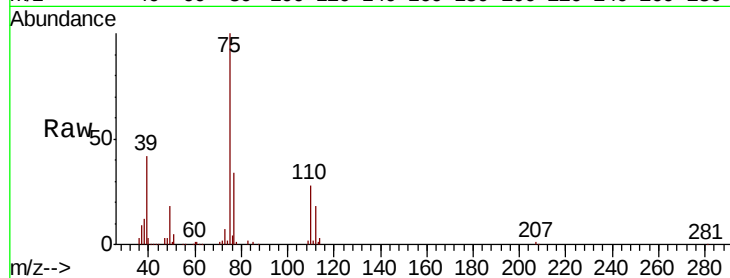
ClientSampled :

Tot Ion: 75 Resp: 78176

Ion Ratio Lower Upper

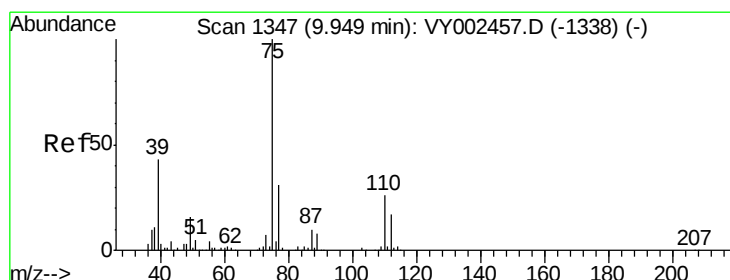
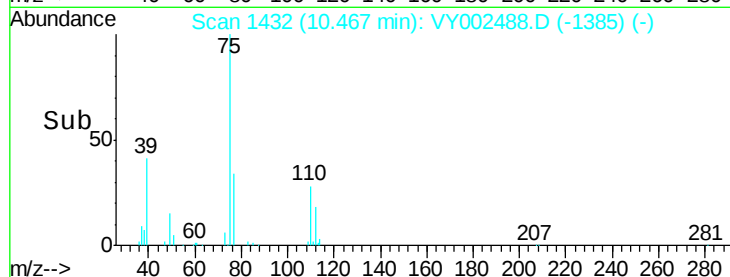
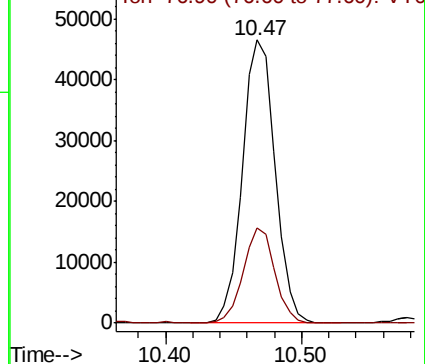
75 100

77 33.7 26.4 39.6



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0



#54

cis-1,3-Dichloropropene

Concen: 20.119 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. -0.02 min

Lab File: VY002488.D

Acq: 28 Apr 2020 12:51

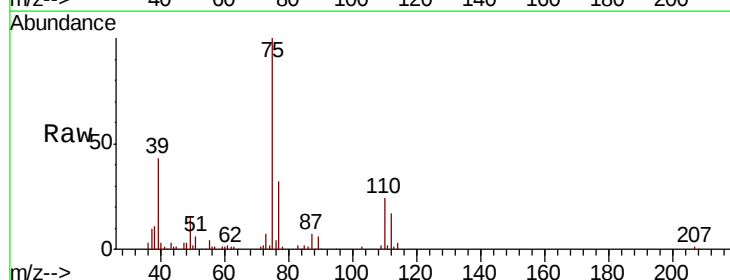
Tgt Ion: 75 Resp: 88116

Ion Ratio Lower Upper

75 100

77 31.5 25.2 37.8

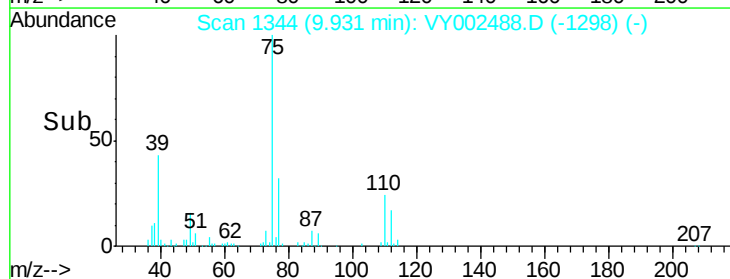
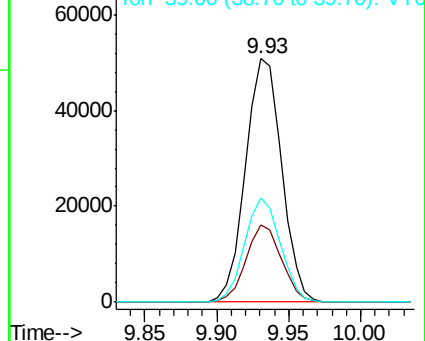
39 42.8 34.2 51.2

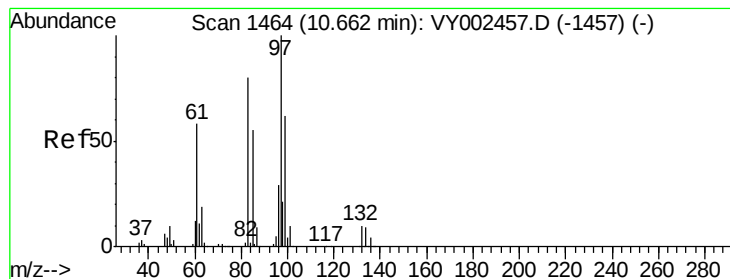


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0





#55

1,1,2-Trichloroethane

Concen: 20.047 ug/l

RT: 10.65 min Scan# 1462

Delta R.T. -0.01 min

Lab File: VY002488.D

Acq: 28 Apr 2020 12:51

Instrument :

MSVOA_Y

ClientSampleId :

Tot Ion: 97 Resp: 43188

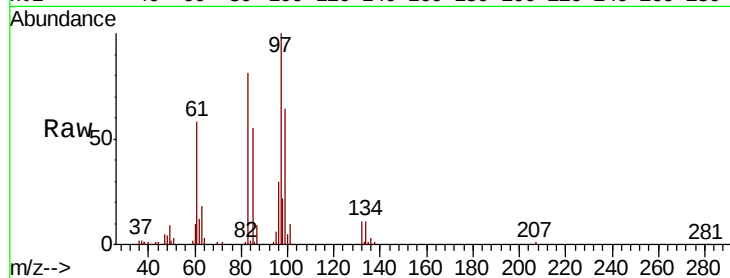
Ion Ratio Lower Upper

97 100

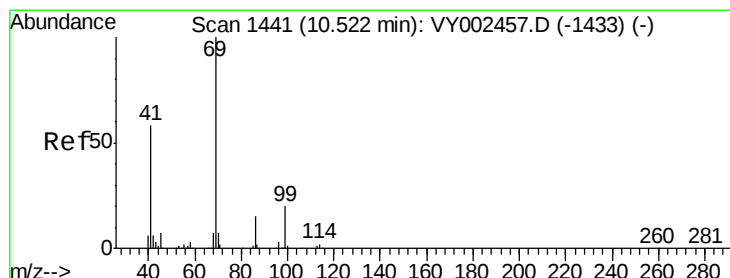
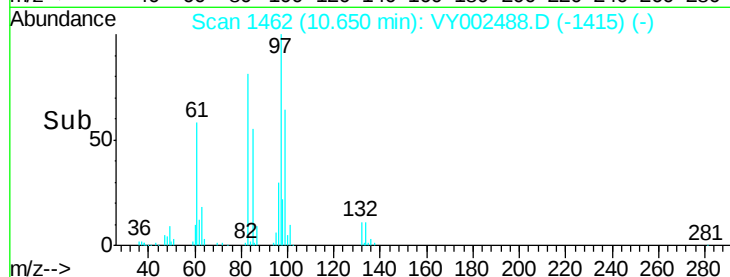
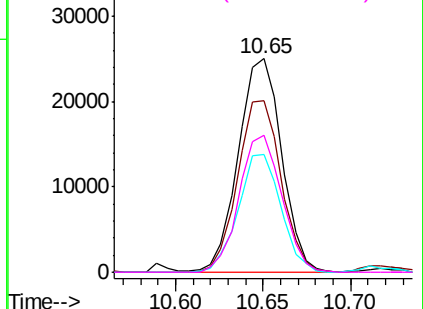
83 80.6 63.8 95.8

85 55.0 43.9 65.9

99 64.2 49.8 74.6



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: 19.411 ug/l

RT: 10.51 min Scan# 1439

Delta R.T. -0.01 min

Lab File: VY002488.D

Acq: 28 Apr 2020 12:51

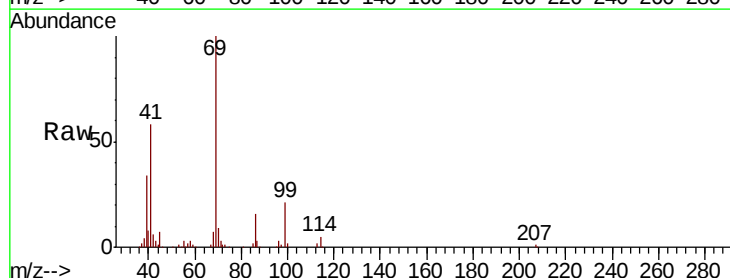
Tgt Ion: 69 Resp: 57140

Ion Ratio Lower Upper

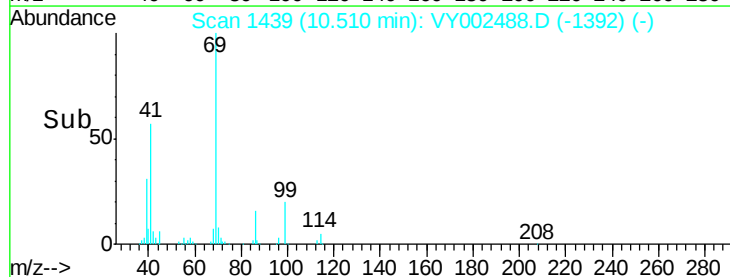
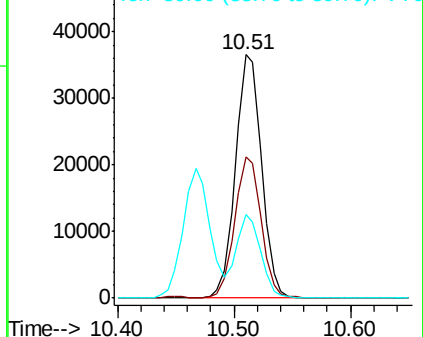
69 100

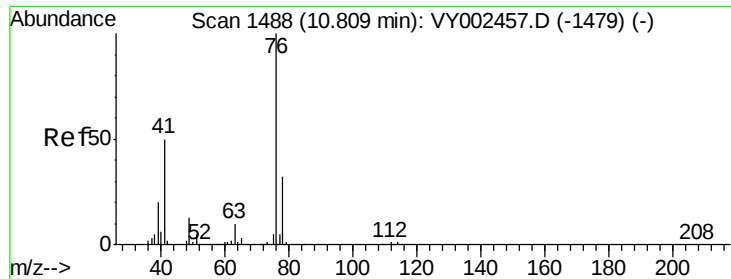
41 59.3 47.5 71.3

39 31.9 25.7 38.5



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: 15.779 ug/l

RT: 10.80 min Scan# 1486

Delta R.T. -0.01 min

Lab File: VY002488.D

Acq: 28 Apr 2020 12:51

Instrument :

MSVOA_Y

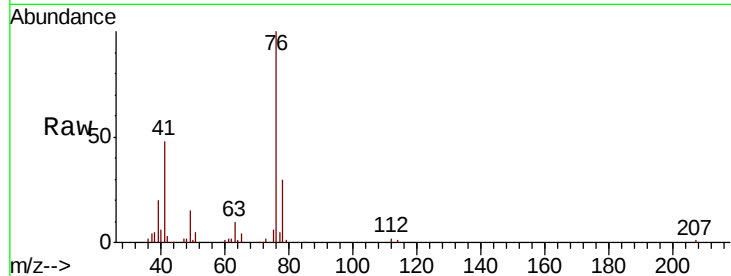
ClientSampleId :

Tot Ion: 76 Resp: 57390

Ion Ratio Lower Upper

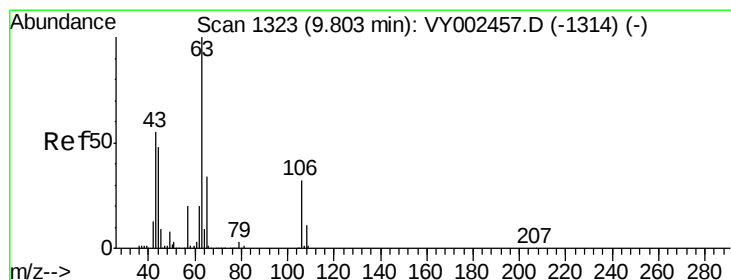
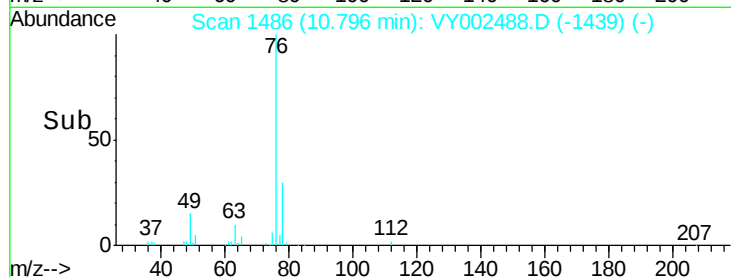
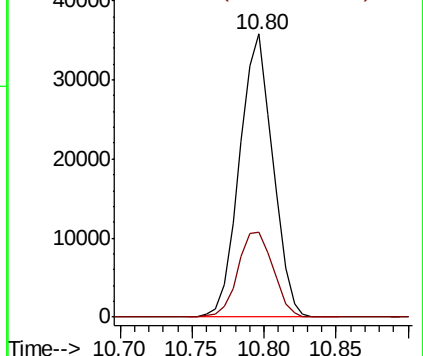
76 100

78 31.9 26.2 39.4



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: 92.833 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. -0.02 min

Lab File: VY002488.D

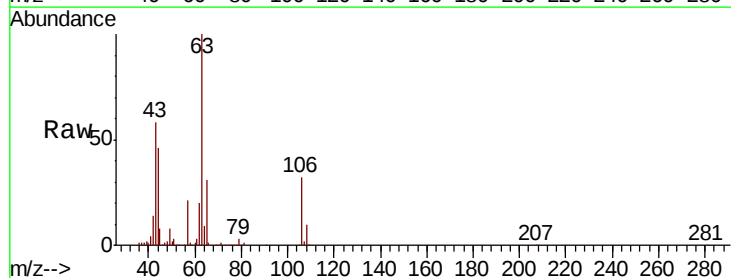
Acq: 28 Apr 2020 12:51

Tgt Ion: 63 Resp: 132146

Ion Ratio Lower Upper

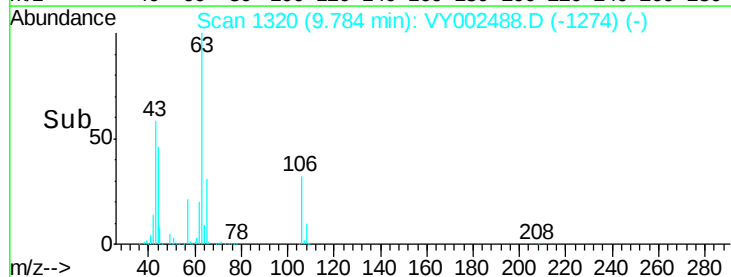
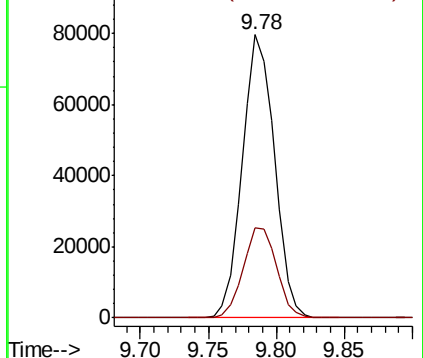
63 100

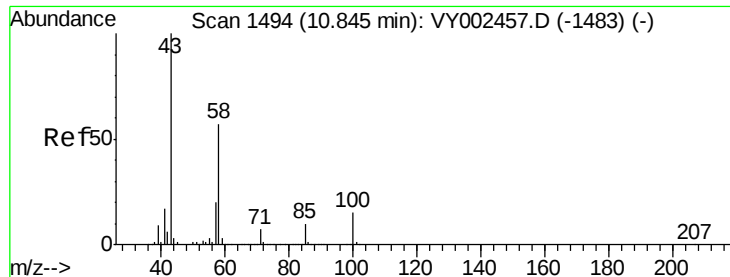
106 33.1 26.0 39.0



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V





#59

2-Hexanone

Concen: 79.041 ug/l

RT: 10.83 min Scan# 1492

Delta R.T. -0.01 min

Lab File: VY002488.D

Acq: 28 Apr 2020 12:51

Instrument :

MSVOA_Y

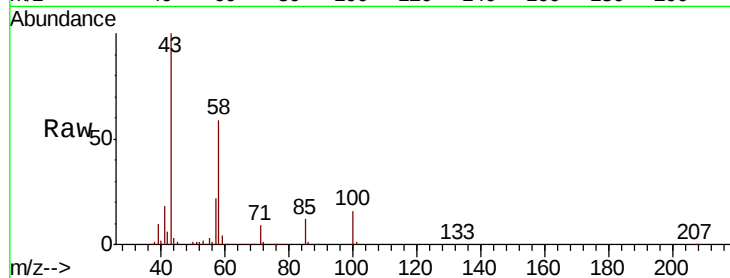
ClientSampleId :

Tot Ion: 43 Resp: 100526

Ion Ratio Lower Upper

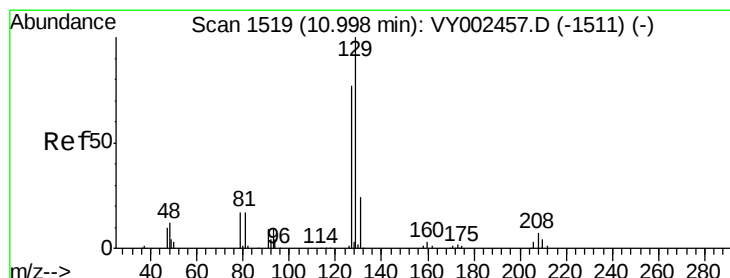
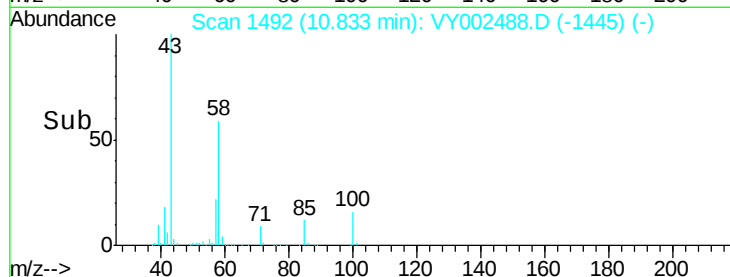
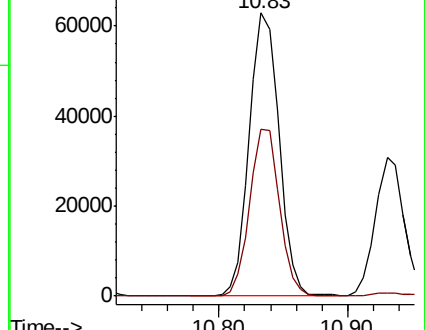
43 100

58 58.8 28.8 86.4



Abundance Ion 43.00 (42.70 to 43.70): VY002457.D (-1483) (-)

Ion 58.00 (57.70 to 58.70): VY002457.D (-1483) (-)



#60

Dibromochloromethane

Concen: 18.625 ug/l

RT: 10.99 min Scan# 1517

Delta R.T. -0.01 min

Lab File: VY002488.D

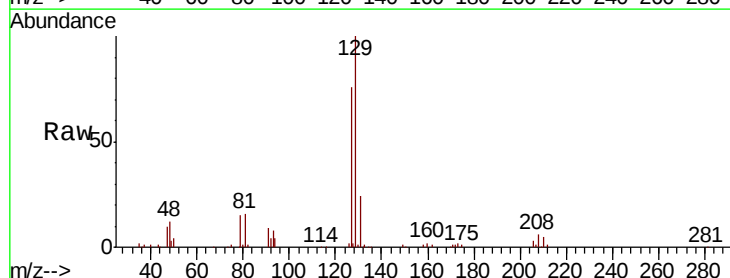
Acq: 28 Apr 2020 12:51

Tgt Ion: 129 Resp: 52576

Ion Ratio Lower Upper

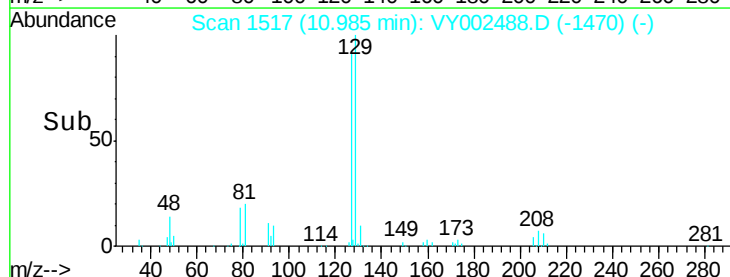
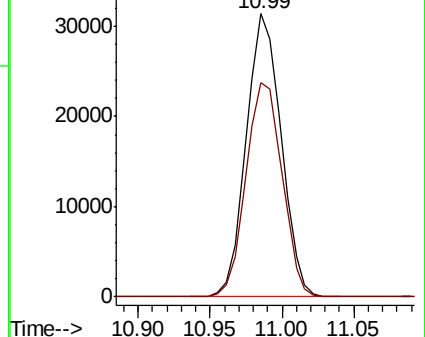
129 100

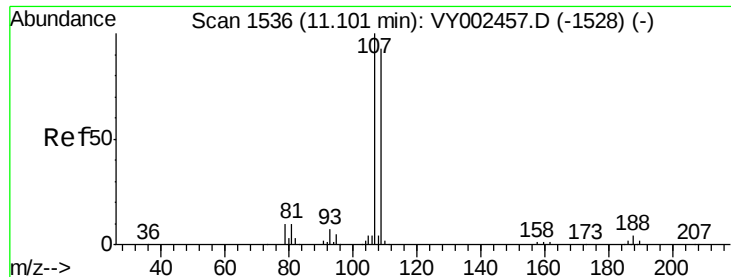
127 78.3 38.3 114.9



Abundance Ion 128.80 (128.50 to 129.50): VY002457.D (-1511) (-)

Ion 126.80 (126.50 to 127.50): VY002457.D (-1511) (-)

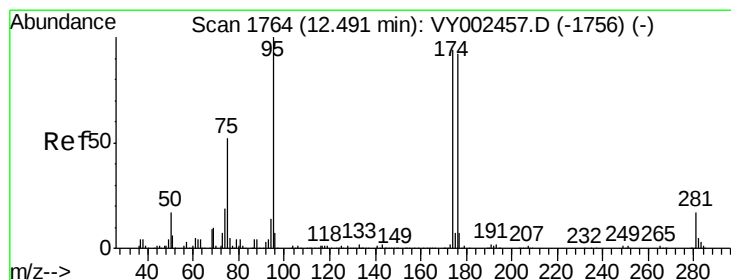
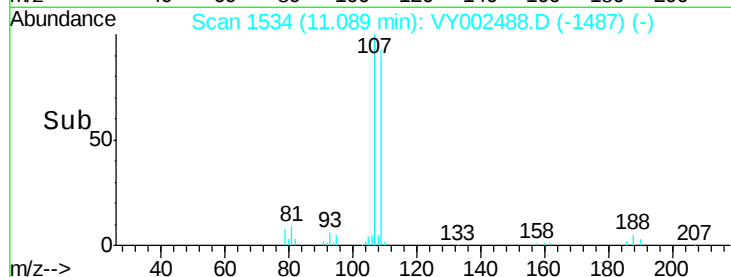
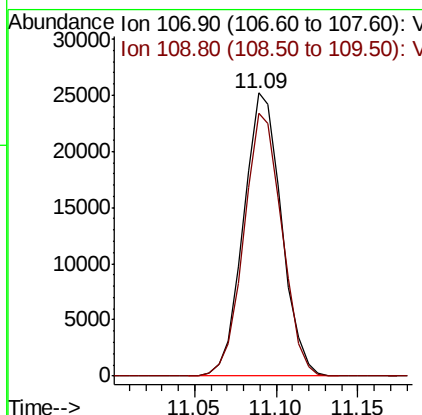
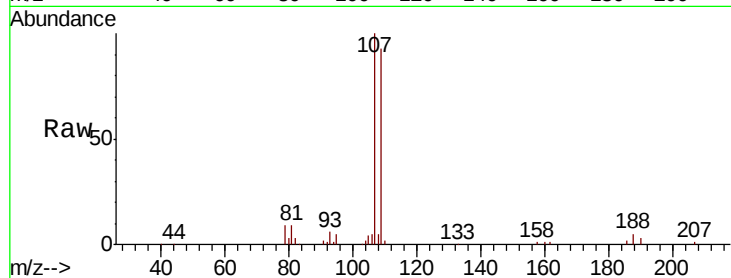




#61
 1,2-Dibromoethane
 Concen: 19.088 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.01 min
 Lab File: VY002488.D
 Acq: 28 Apr 2020 12:51

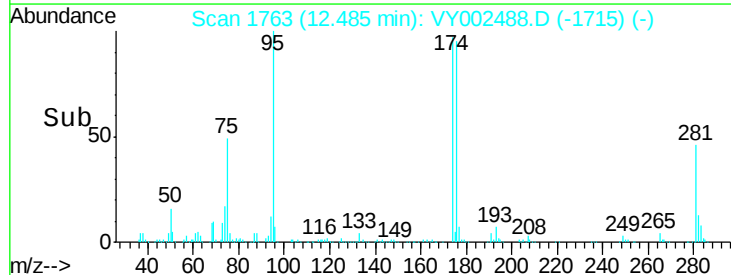
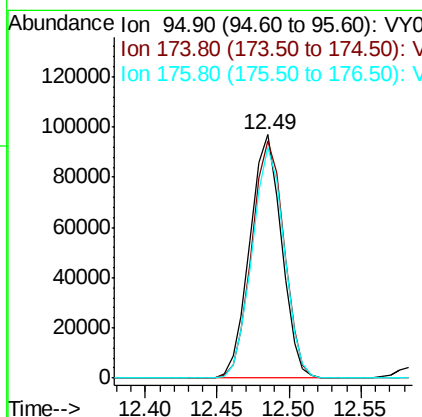
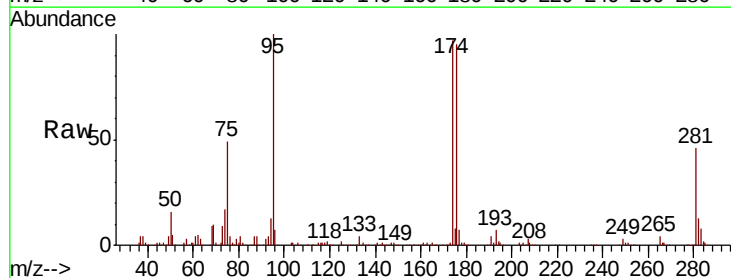
Instrument :
 MSVOA_Y
 ClientSampleId :

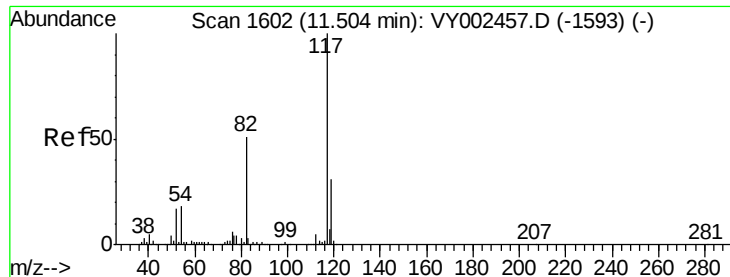
Tot Ion:107 Resp: 40778
 Ion Ratio Lower Upper
 107 100
 109 93.0 74.9 112.3



#62
 4-Bromofluorobenzene
 Concen: 44.438 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. -0.01 min
 Lab File: VY002488.D
 Acq: 28 Apr 2020 12:51

Tgt Ion: 95 Resp: 147388
 Ion Ratio Lower Upper
 95 100
 174 99.0 0.0 193.0
 176 95.4 0.0 190.4

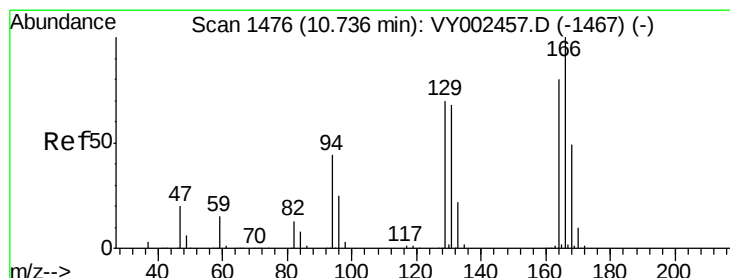
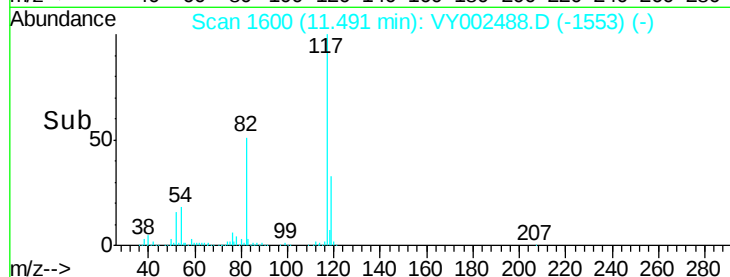
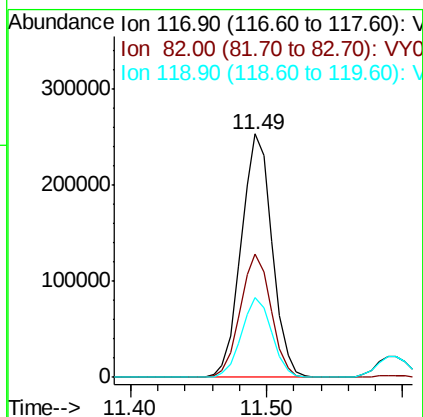
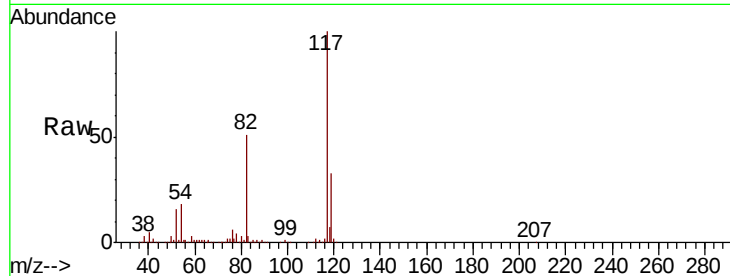




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY002488.D
Acq: 28 Apr 2020 12:51

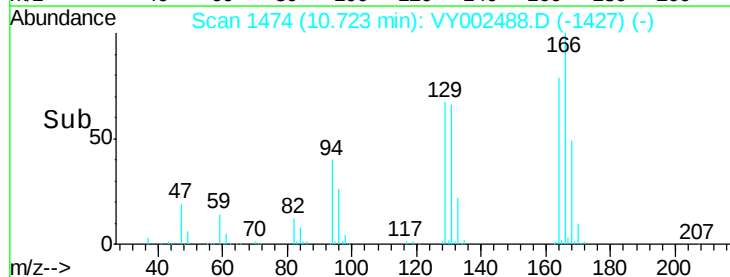
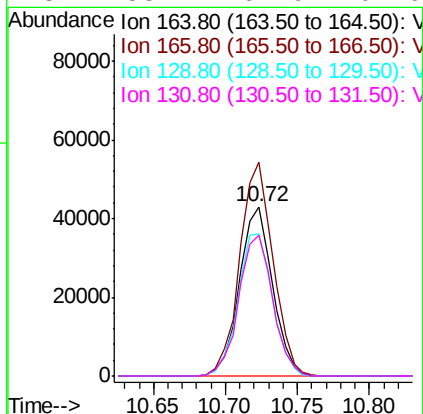
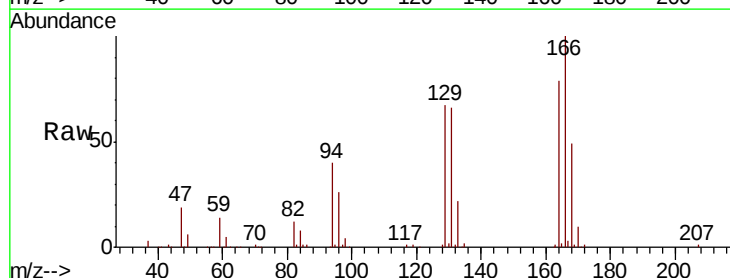
Instrument :
MSVOA_Y
ClientSampleId :

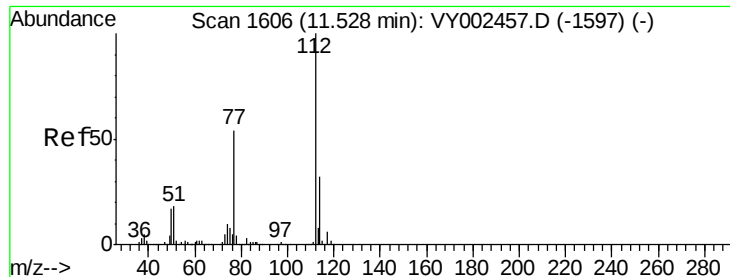
Tot Ion:117 Resp: 399681
Ion Ratio Lower Upper
117 100
82 50.7 40.8 61.2
119 32.9 25.2 37.8



#64
Tetrachloroethene
Concen: 18.635 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. -0.01 min
Lab File: VY002488.D
Acq: 28 Apr 2020 12:51

Tgt Ion:164 Resp: 68262
Ion Ratio Lower Upper
164 100
166 126.1 100.0 150.0
129 83.9 69.8 104.8
131 83.1 67.9 101.9

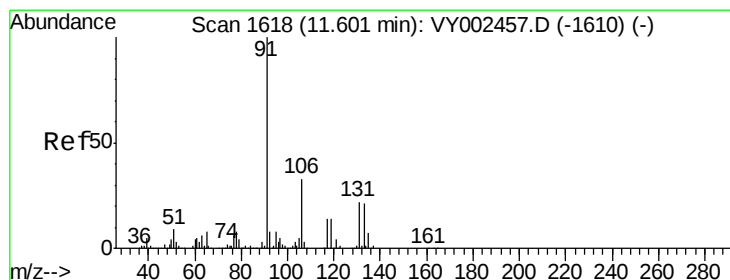
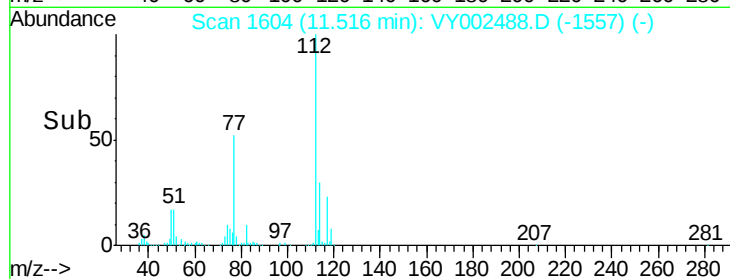
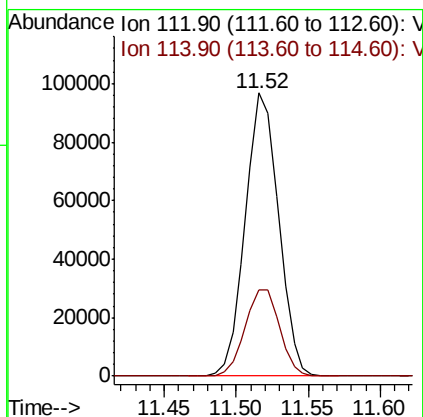
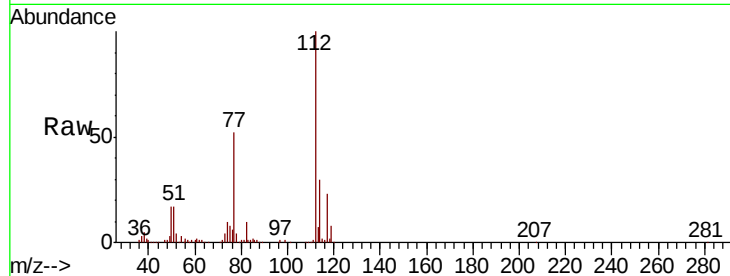




#65
Chlorobenzene
Concen: 20.120 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.01 min
Lab File: VY002488.D
Acq: 28 Apr 2020 12:51

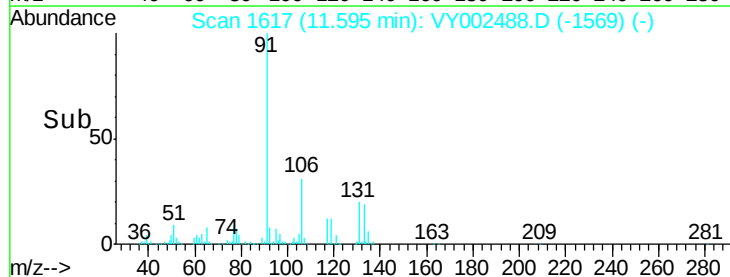
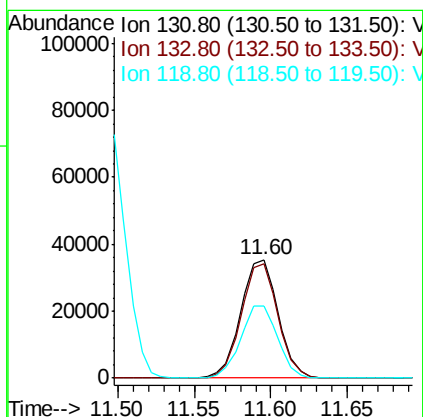
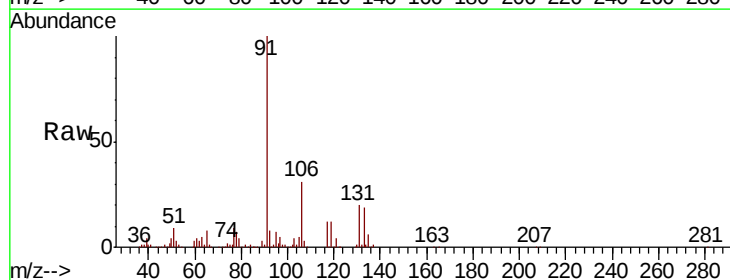
Instrument :
MSVOA_Y
ClientSampleId :

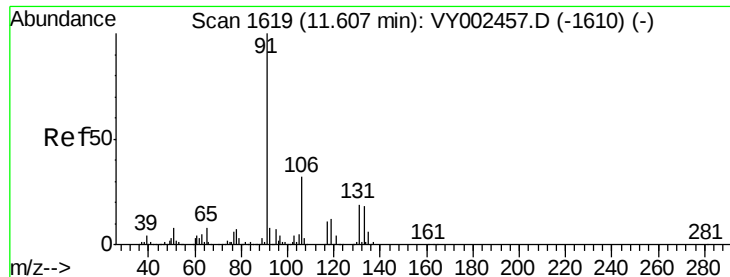
Tot Ion:112 Resp: 155028
Ion Ratio Lower Upper
112 100
114 30.3 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 20.644 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. -0.01 min
Lab File: VY002488.D
Acq: 28 Apr 2020 12:51

Tgt Ion:131 Resp: 59686
Ion Ratio Lower Upper
131 100
133 95.2 47.8 143.4
119 61.1 31.1 93.3

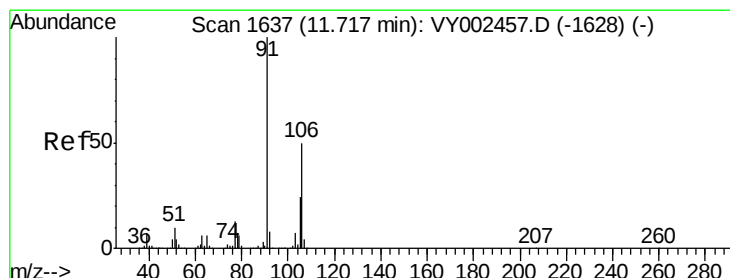
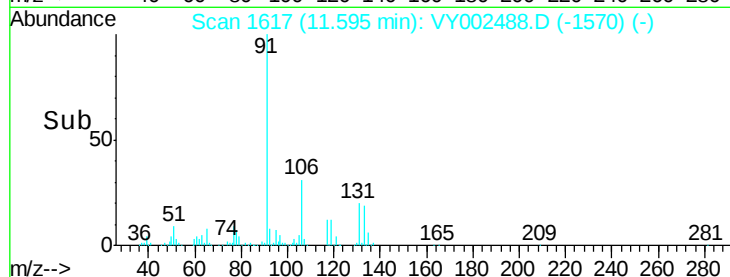
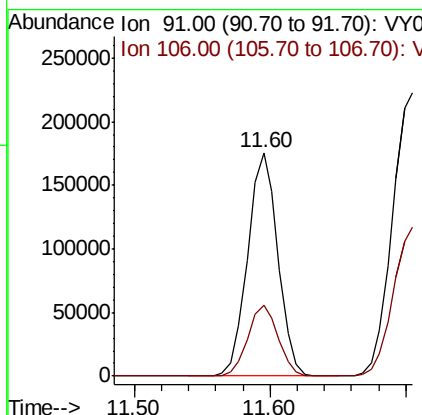
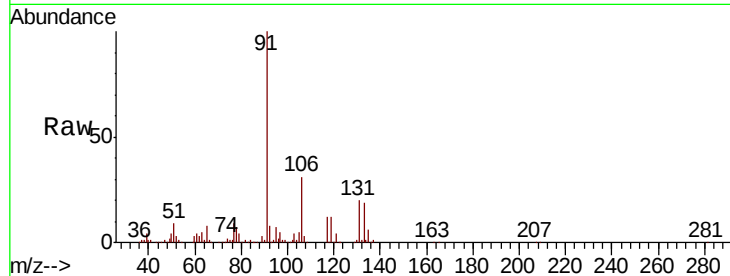




#67
Ethyl Benzene
Concen: 19.872 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. -0.01 min
Lab File: VY002488.D
Acq: 28 Apr 2020 12:51

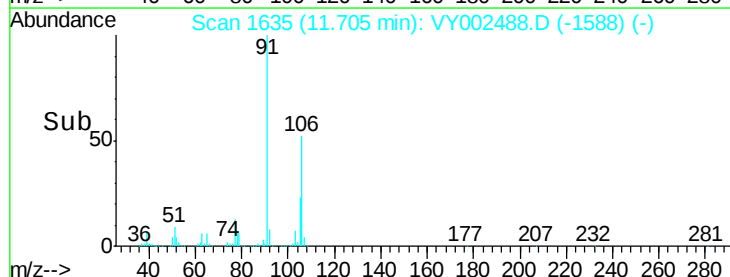
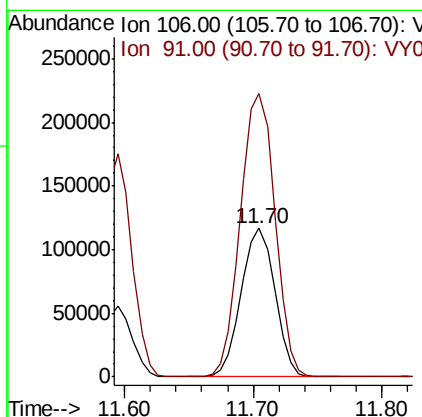
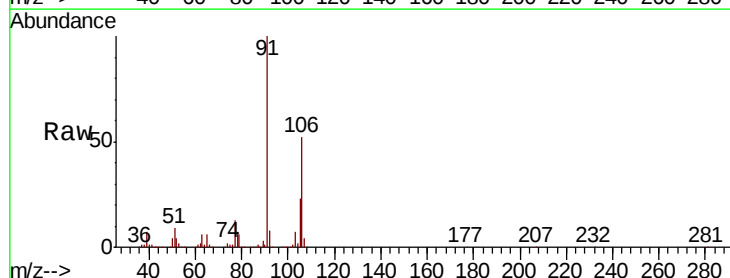
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 91 Resp: 272899
Ion Ratio Lower Upper
91 100
106 31.5 25.8 38.6



#68
m/p-Xylenes
Concen: 40.067 ug/l
RT: 11.70 min Scan# 1635
Delta R.T. -0.01 min
Lab File: VY002488.D
Acq: 28 Apr 2020 12:51

Tgt Ion: 106 Resp: 211812
Ion Ratio Lower Upper
106 100
91 195.1 159.8 239.6

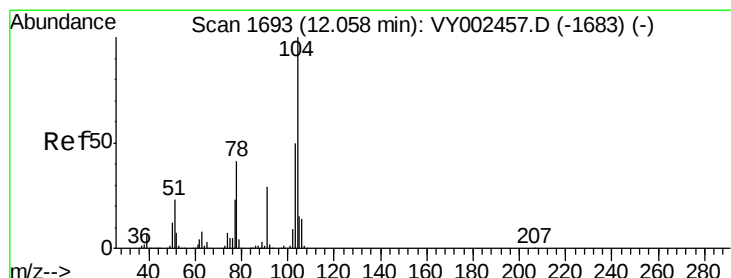
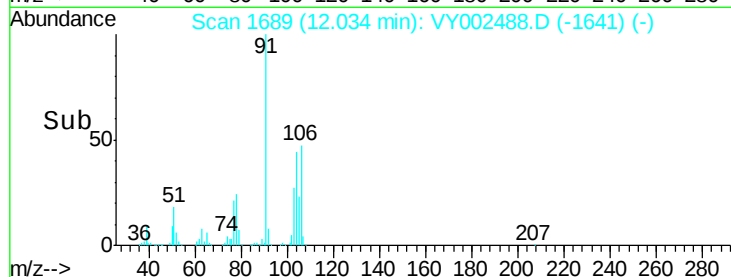
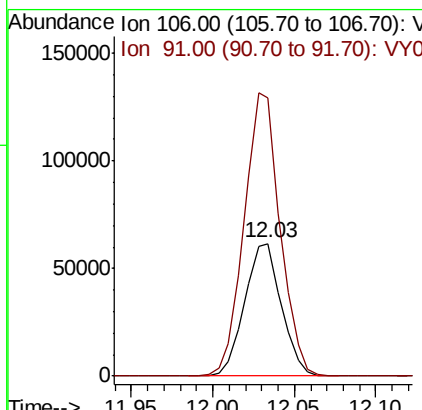
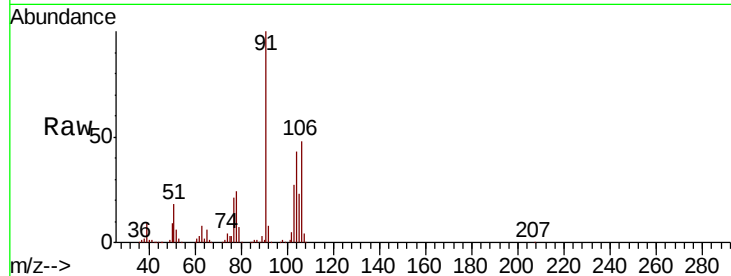




#69
o-Xylene
Concen: 19.735 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. -0.01 min
Lab File: VY002488.D
Acq: 28 Apr 2020 12:51

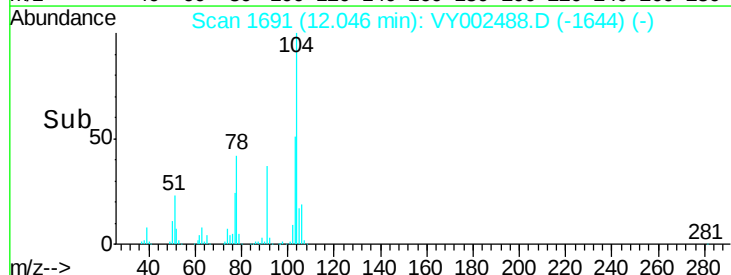
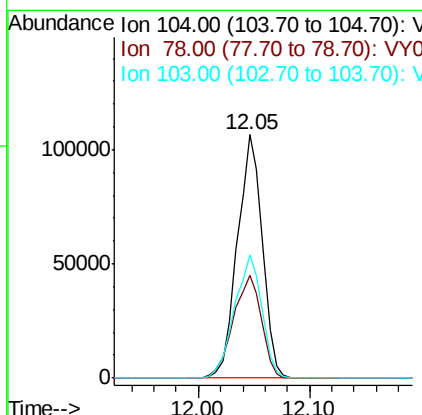
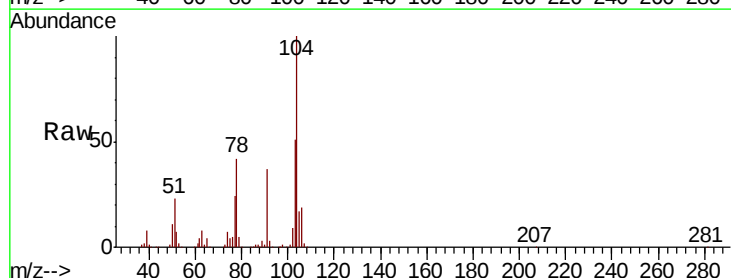
Instrument :
MSVOA_Y
ClientSampleId :

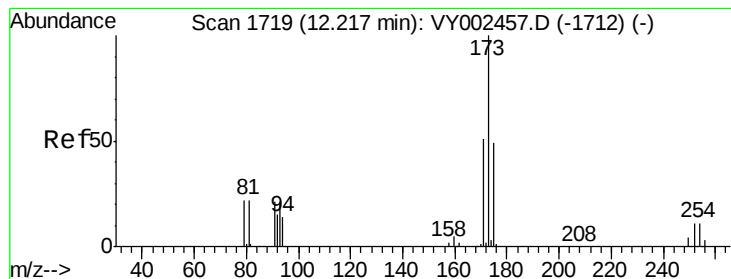
Tot Ion:106 Resp: 96615
Ion Ratio Lower Upper
106 100
91 209.5 104.5 313.3



#70
Styrene
Concen: 19.321 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. -0.01 min
Lab File: VY002488.D
Acq: 28 Apr 2020 12:51

Tgt Ion:104 Resp: 164696
Ion Ratio Lower Upper
104 100
78 47.6 38.0 57.0
103 55.4 44.4 66.6





#71

Bromoform

Concen: 18.943 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. -0.01 min

Lab File: VY002488.D

Acq: 28 Apr 2020 12:51

Instrument :

MSVOA_Y

ClientSampleId :

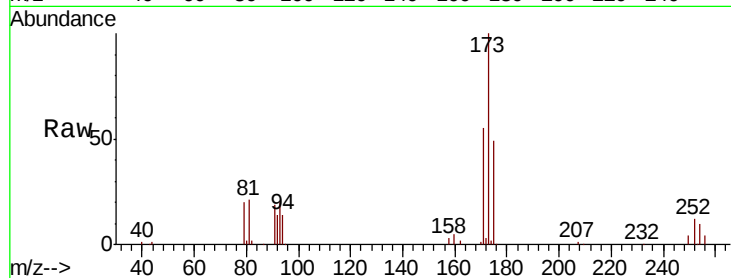
Tot Ion:173 Resp: 34501

Ion Ratio Lower Upper

173 100

175 48.6 24.3 73.0

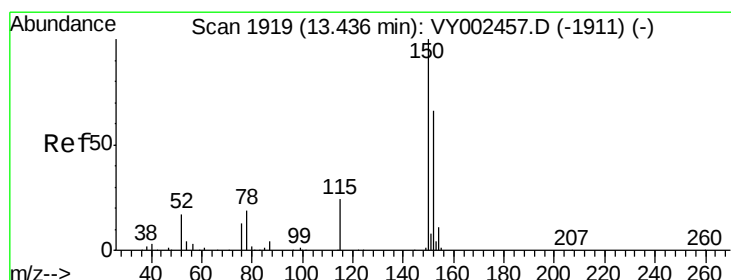
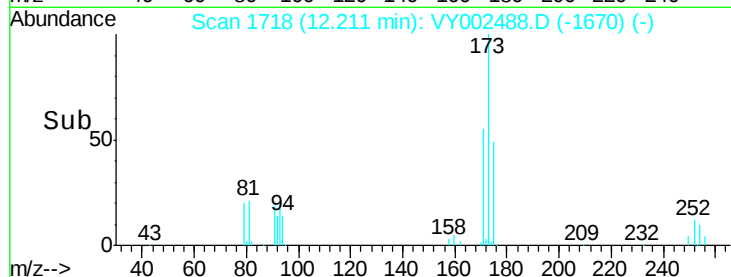
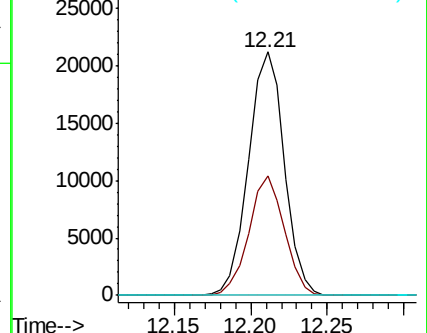
254 0.1 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.43 min Scan# 1918

Delta R.T. -0.01 min

Lab File: VY002488.D

Acq: 28 Apr 2020 12:51

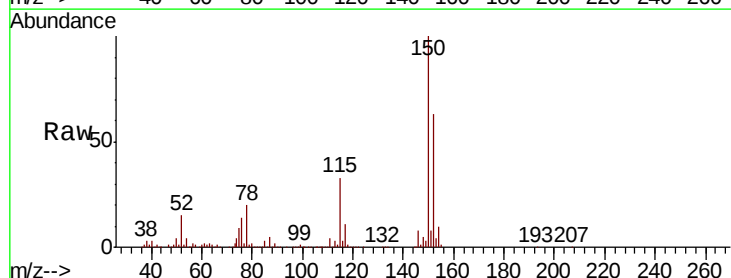
Tgt Ion:152 Resp: 212394

Ion Ratio Lower Upper

152 100

115 53.6 27.3 81.8

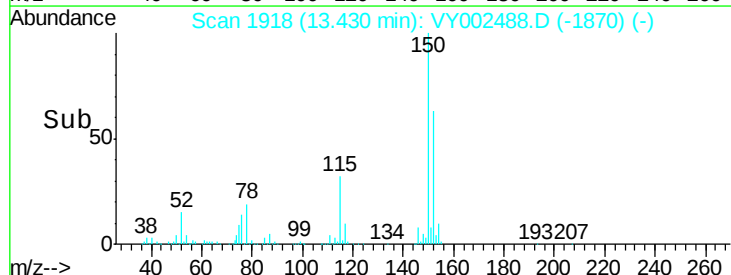
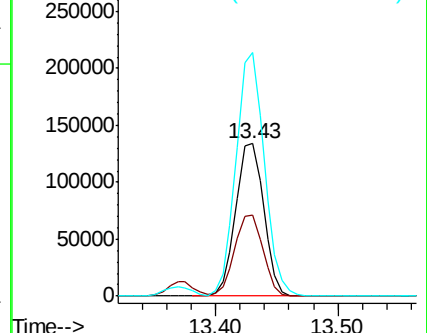
150 161.4 0.0 346.8

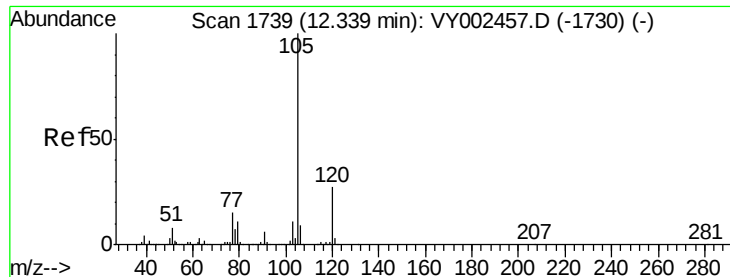


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 17.738 ug/l

RT: 12.33 min Scan# 1738

Delta R.T. -0.01 min

Lab File: VY002488.D

Acq: 28 Apr 2020 12:51

Instrument :

MSVOA_Y

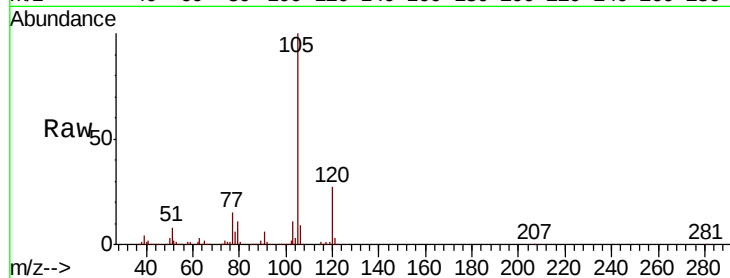
ClientSampleId :

Tot Ion:105 Resp: 251872

Ion Ratio Lower Upper

105 100

120 26.8 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

200000

150000

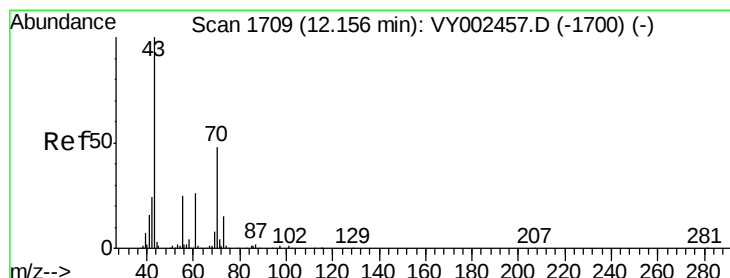
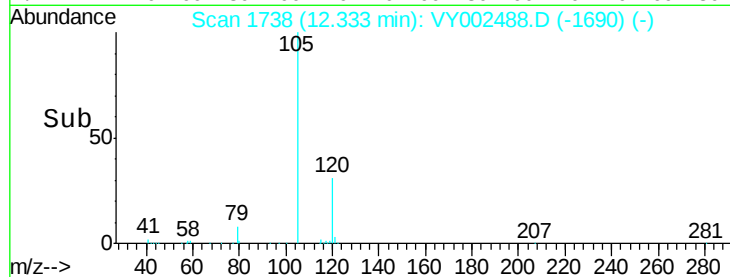
100000

50000

0

12.25 12.30 12.35 12.40

Time-->



#74

N-ethyl acetate

Concen: 16.798 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.01 min

Lab File: VY002488.D

Acq: 28 Apr 2020 12:51

Tgt Ion: 43 Resp: 56522

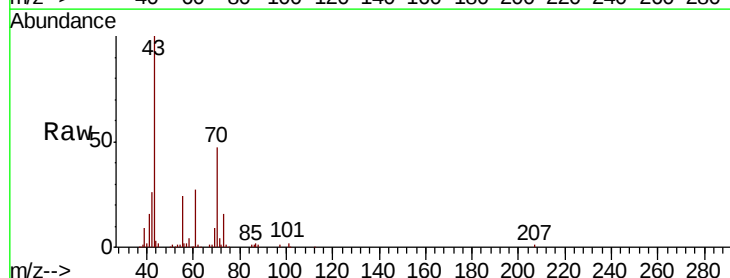
Ion Ratio Lower Upper

43 100

70 48.8 37.2 55.8

55 24.9 19.6 29.4

61 27.8 20.7 31.1



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

50000

40000

30000

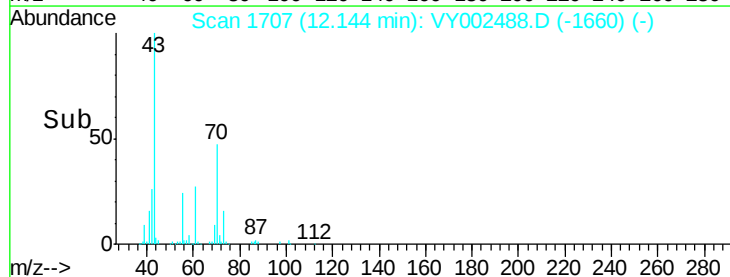
20000

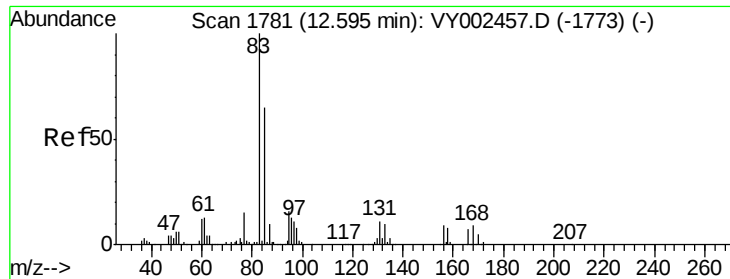
10000

0

12.05 12.10 12.15 12.20

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 17.111 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.01 min

Lab File: VY002488.D

Acq: 28 Apr 2020 12:51

Instrument :

MSVOA_Y

ClientSampleId :

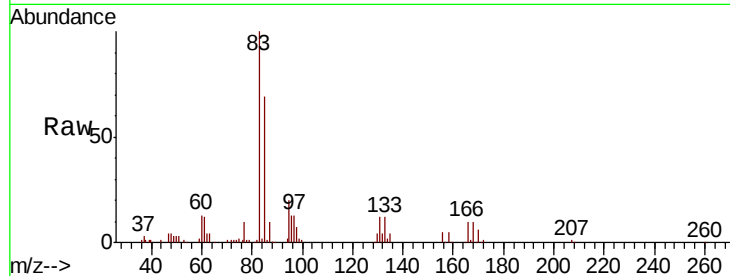
Tot Ion: 83 Resp: 37317

Ion Ratio Lower Upper

83 100

131 12.4 6.2 18.6

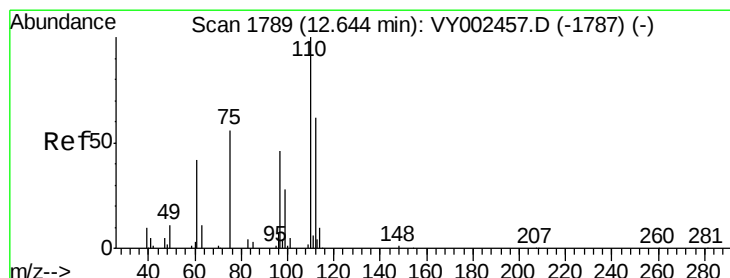
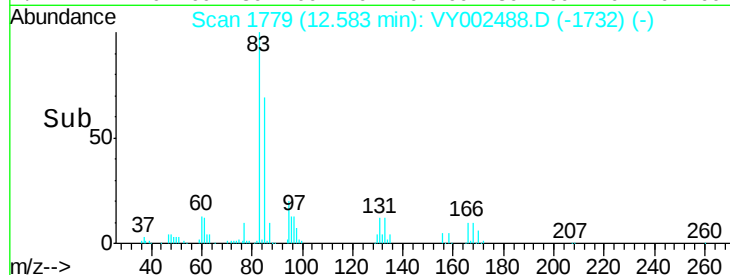
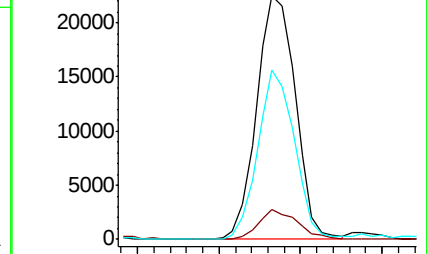
85 65.7 32.5 97.5



Abundance Ion 82.90 (82.60 to 83.60): VY002457.D (-1773) (-)

Ion 130.80 (130.50 to 131.50): VY002457.D (-1773) (-)

Ion 84.90 (84.60 to 85.60): VY002457.D (-1773) (-)



#76

1,2,3-Trichloropropane

Concen: 34.756 ug/l

RT: 12.64 min Scan# 1788

Delta R.T. -0.01 min

Lab File: VY002488.D

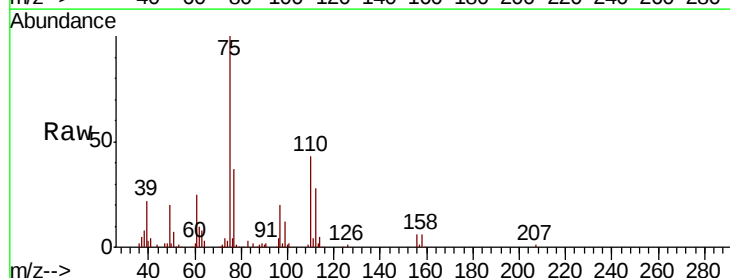
Acq: 28 Apr 2020 12:51

Tgt Ion: 75 Resp: 62566

Ion Ratio Lower Upper

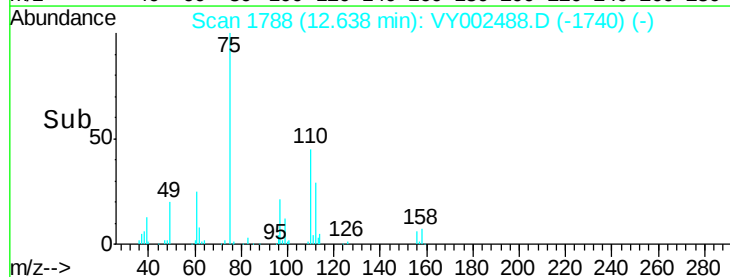
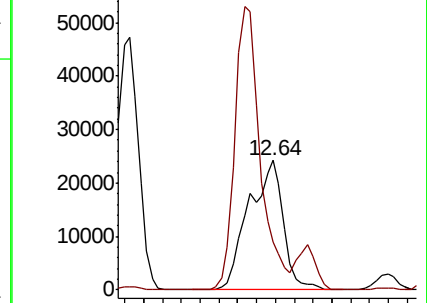
75 100

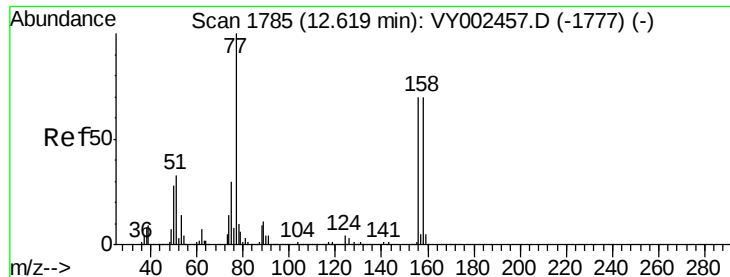
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY002457.D (-1787) (-)

Ion 77.00 (76.70 to 77.70): VY002457.D (-1787) (-)





#77

Bromobenzene

Concen: 17.962 ug/l

RT: 12.61 min Scan# 1784

Delta R.T. -0.01 min

Lab File: VY002488.D

Acq: 28 Apr 2020 12:51

Instrument :

MSVOA_Y

ClientSampleId :

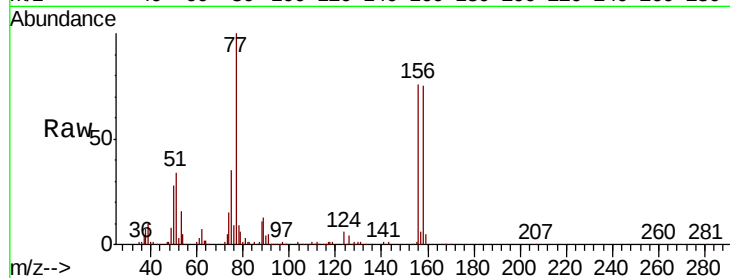
Tot Ion:156 Resp: 63966

Ion Ratio Lower Upper

156 100

77 156.3 78.5 235.7

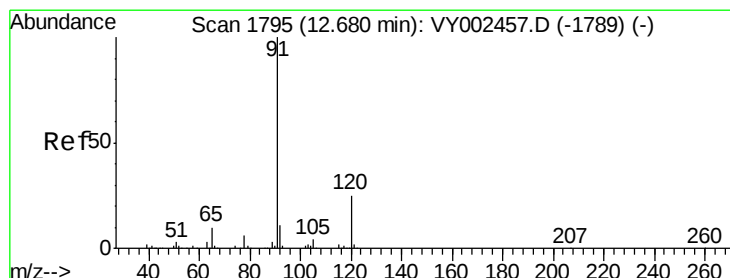
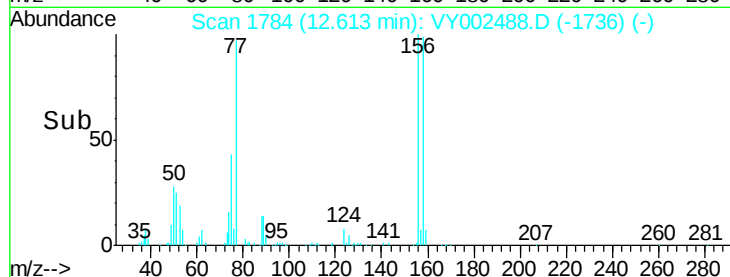
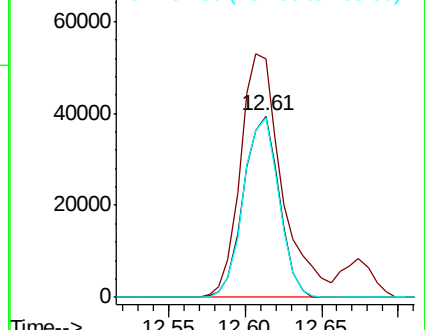
158 98.4 48.4 145.3



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: 18.900 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. -0.01 min

Lab File: VY002488.D

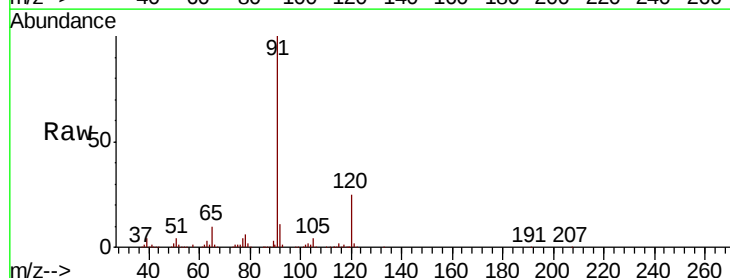
Acq: 28 Apr 2020 12:51

Tgt Ion: 91 Resp: 311606

Ion Ratio Lower Upper

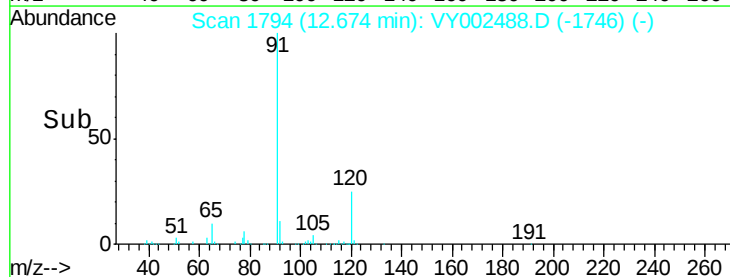
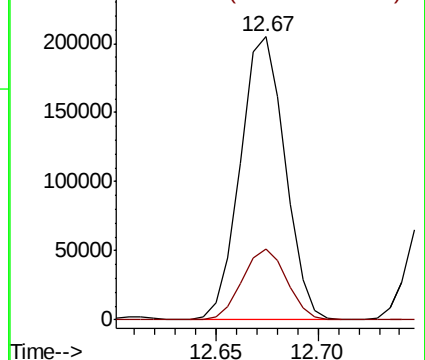
91 100

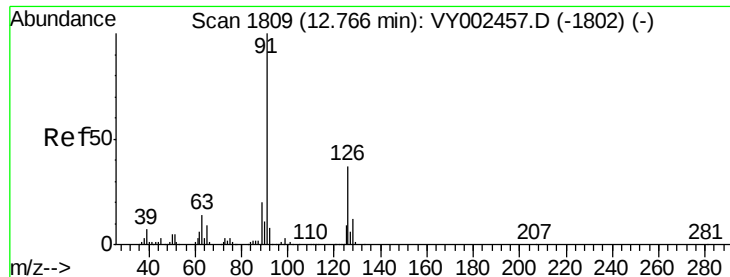
120 24.9 12.3 36.8



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

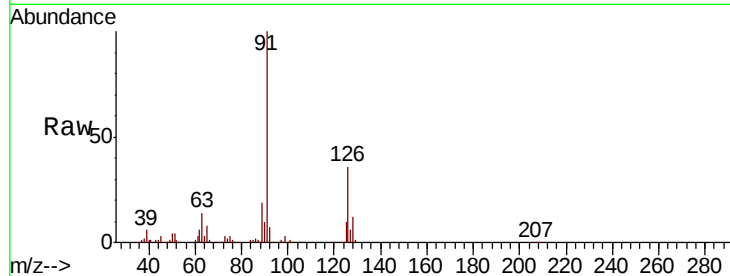




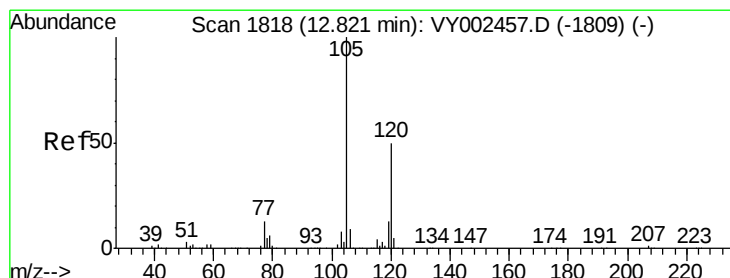
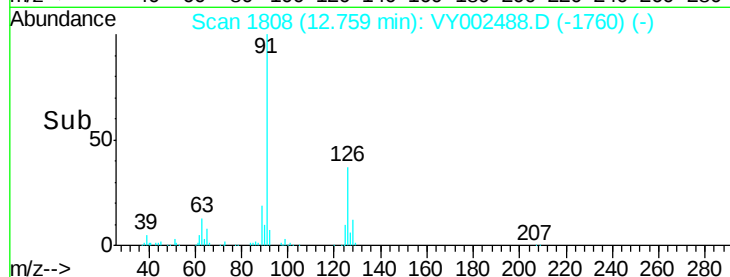
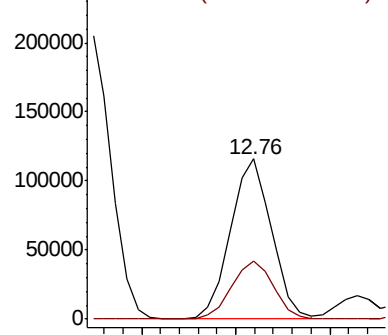
#79
 2-Chlorotoluene
 Concen: 19.345 ug/l
 RT: 12.76 min Scan# 1808
 Delta R.T. -0.01 min
 Lab File: VY002488.D
 Acq: 28 Apr 2020 12:51

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion: 91 Resp: 174525
 Ion Ratio Lower Upper
 91 100
 126 37.1 18.5 55.5

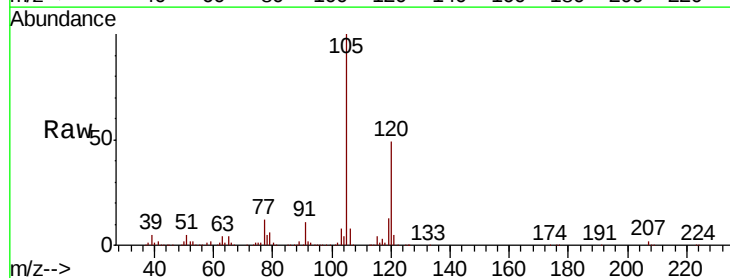


Abundance Ion 91.00 (90.70 to 91.70): VY0
 Ion 125.90 (125.60 to 126.60): V

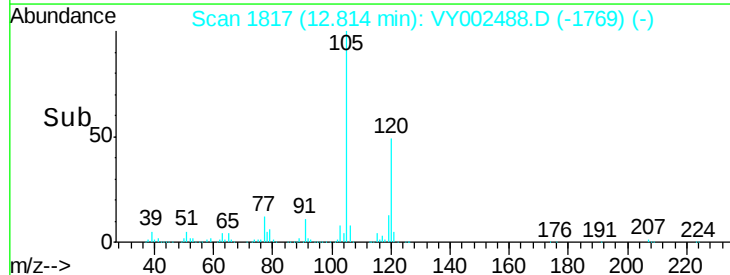
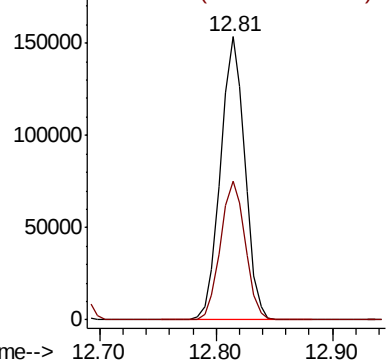


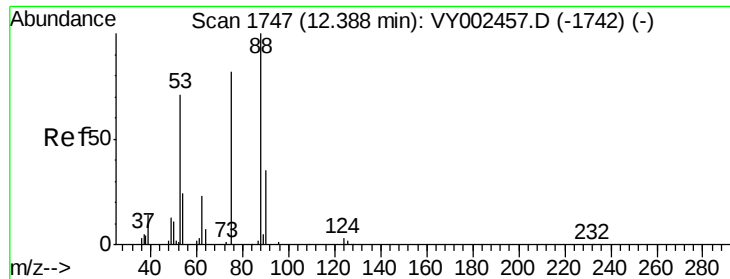
#80
 1,3,5-Trimethylbenzene
 Concen: 18.685 ug/l
 RT: 12.81 min Scan# 1817
 Delta R.T. -0.01 min
 Lab File: VY002488.D
 Acq: 28 Apr 2020 12:51

Tgt Ion:105 Resp: 225186
 Ion Ratio Lower Upper
 105 100
 120 49.8 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V

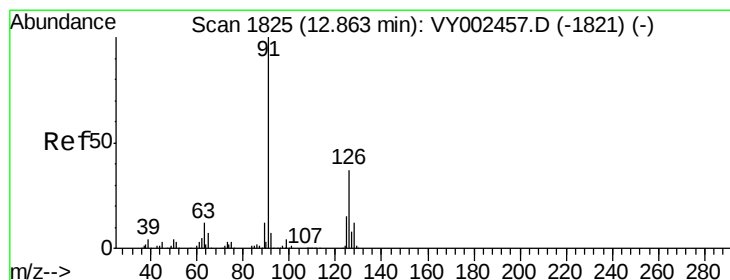
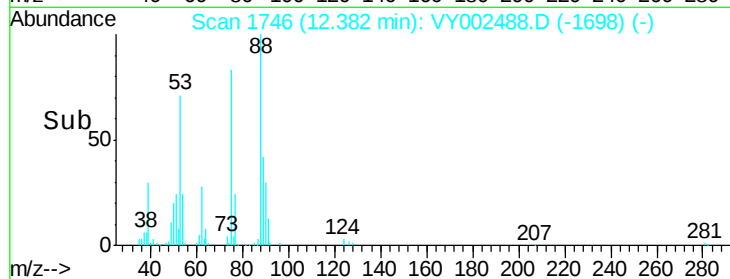
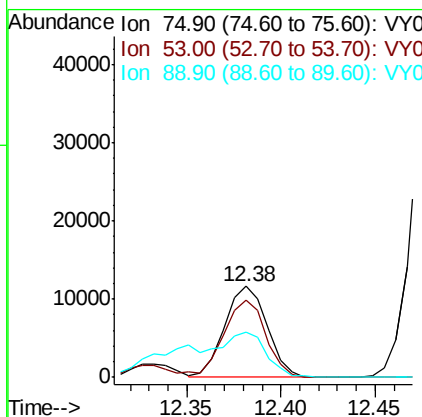
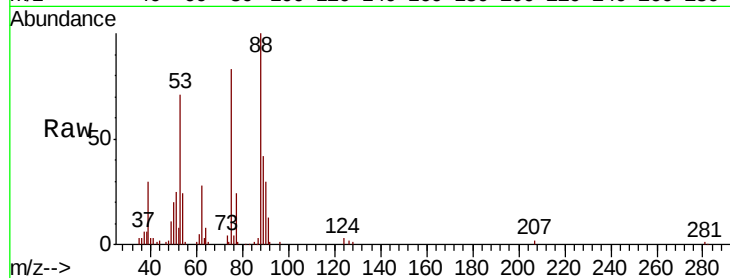




#81
trans-1,4-Dichloro-2-butene
Concen: 18.737 ug/l
RT: 12.38 min Scan# 1746
Delta R.T. -0.01 min
Lab File: VY002488.D
Acq: 28 Apr 2020 12:51

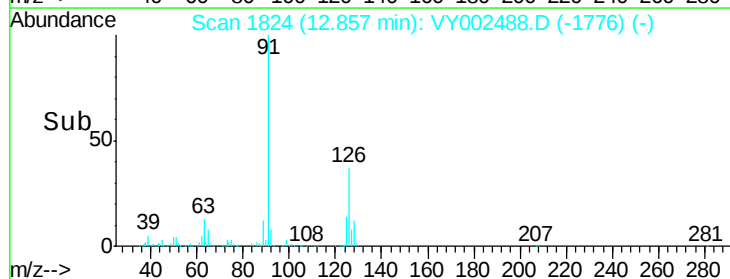
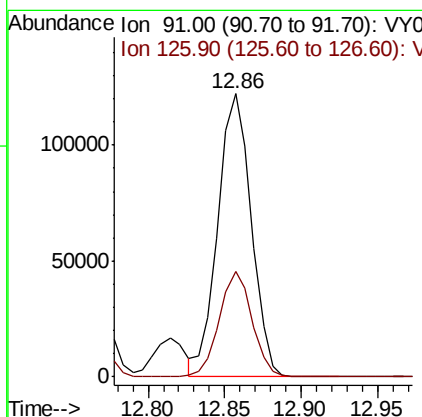
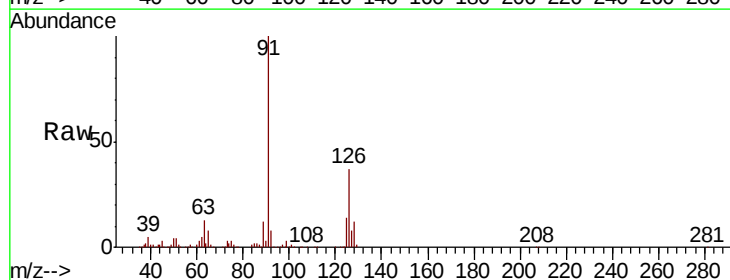
Instrument :
MSVOA_Y
ClientSampleId :

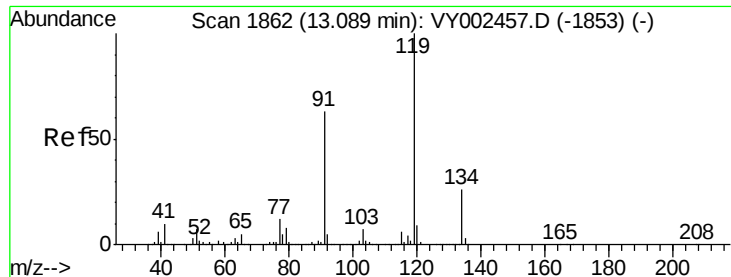
Tot Ion: 75 Resp: 18227
Ion Ratio Lower Upper
75 100
53 84.6 70.0 105.0
89 48.3 34.9 52.3



#82
4-Chlorotoluene
Concen: 19.882 ug/l
RT: 12.86 min Scan# 1824
Delta R.T. -0.01 min
Lab File: VY002488.D
Acq: 28 Apr 2020 12:51

Tgt Ion: 91 Resp: 185383
Ion Ratio Lower Upper
91 100
126 36.6 18.5 55.5

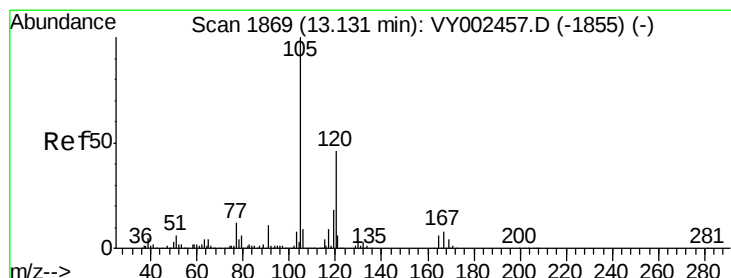
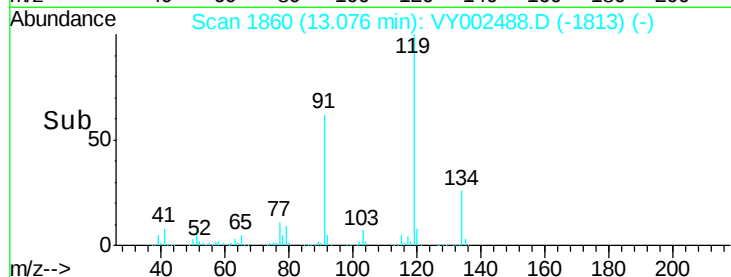
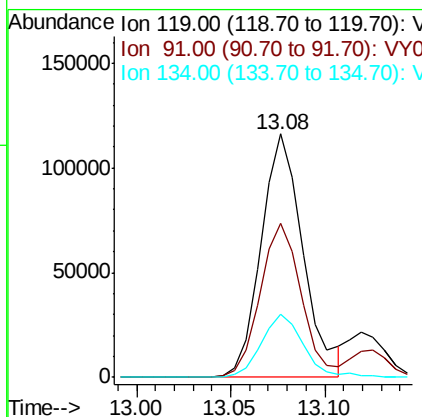
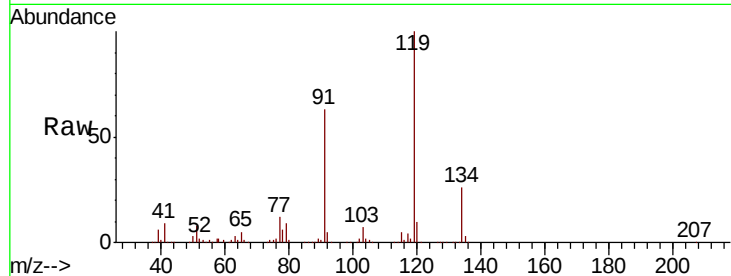




#83
 tert-Butylbenzene
 Concen: 17.143 ug/l
 RT: 13.08 min Scan# 1860
 Delta R.T. -0.01 min
 Lab File: VY002488.D
 Acq: 28 Apr 2020 12:51

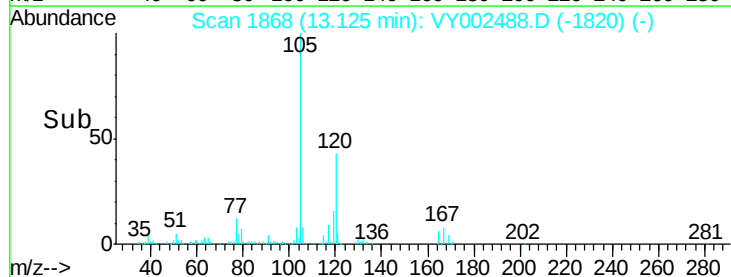
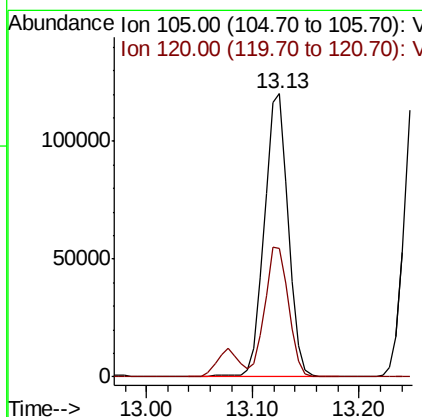
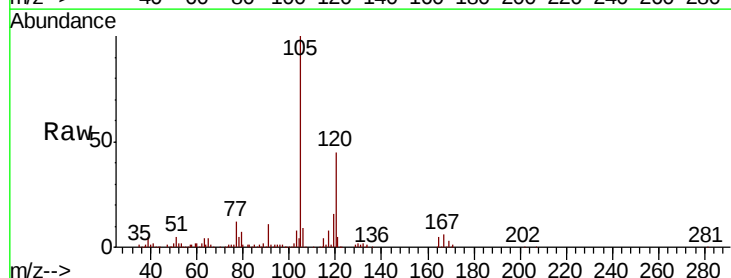
Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion:119 Resp: 179412
 Ion Ratio Lower Upper
 119 100
 91 62.2 30.8 92.3
 134 26.0 13.2 39.6



#84
 1,2,4-Trimethylbenzene
 Concen: 16.339 ug/l
 RT: 13.13 min Scan# 1868
 Delta R.T. -0.01 min
 Lab File: VY002488.D
 Acq: 28 Apr 2020 12:51

Tgt Ion:105 Resp: 188926
 Ion Ratio Lower Upper
 105 100
 120 45.7 23.1 69.2





#85

sec-Butylbenzene

Concen: 17.042 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.01 min

Lab File: VY002488.D

Acq: 28 Apr 2020 12:51

Instrument :

MSVOA_Y

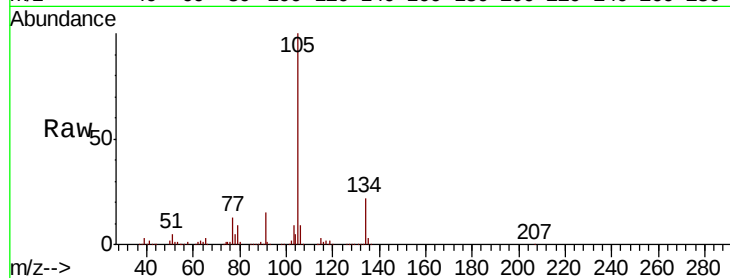
ClientSampleId :

Tot Ion:105 Resp: 238816

Ion Ratio Lower Upper

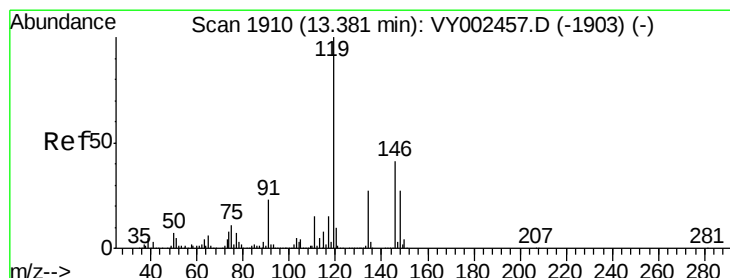
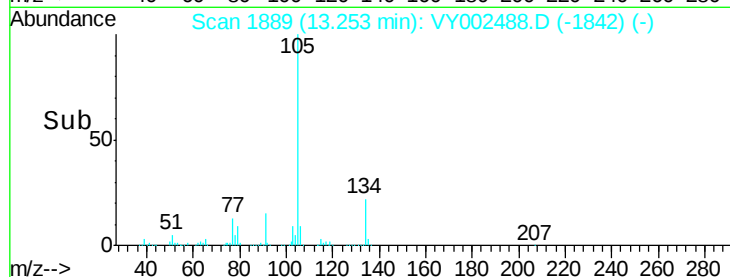
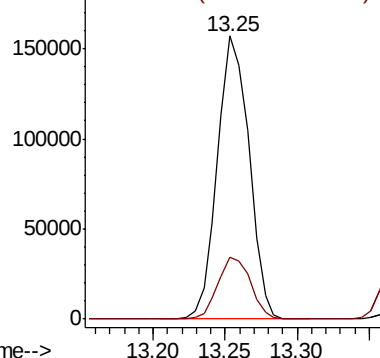
105 100

134 22.6 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: 18.690 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.01 min

Lab File: VY002488.D

Acq: 28 Apr 2020 12:51

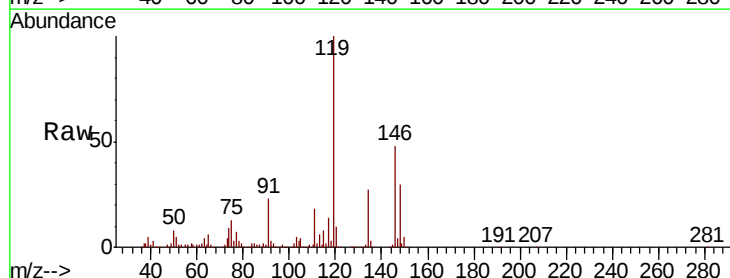
Tgt Ion:119 Resp: 249767

Ion Ratio Lower Upper

119 100

134 27.5 13.5 40.5

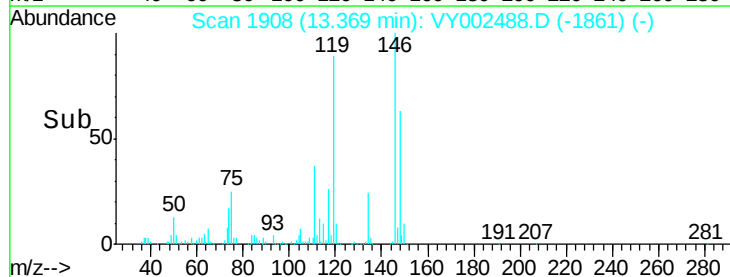
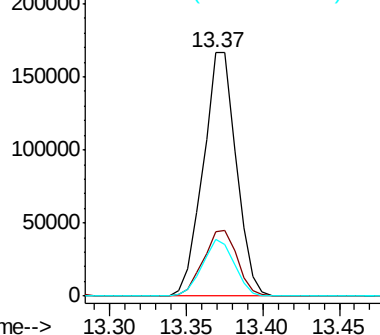
91 22.6 11.5 34.4

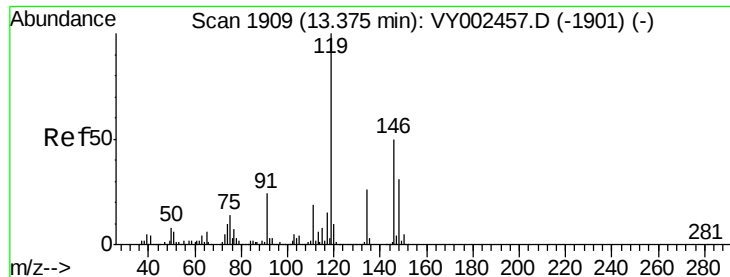


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

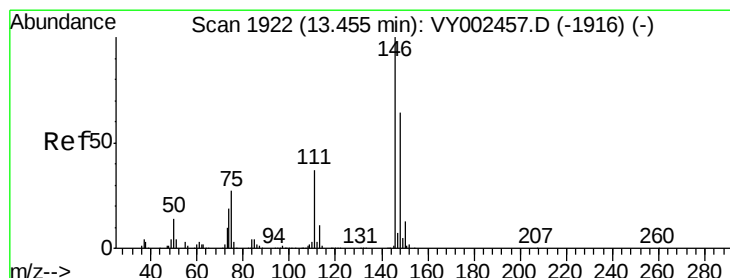
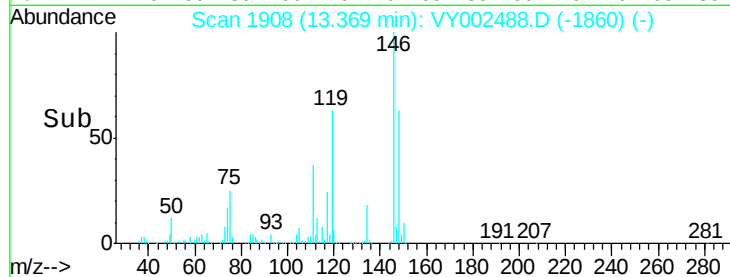
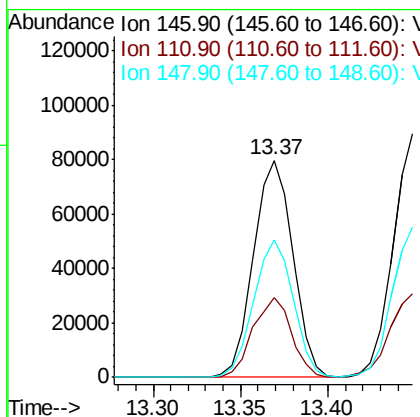
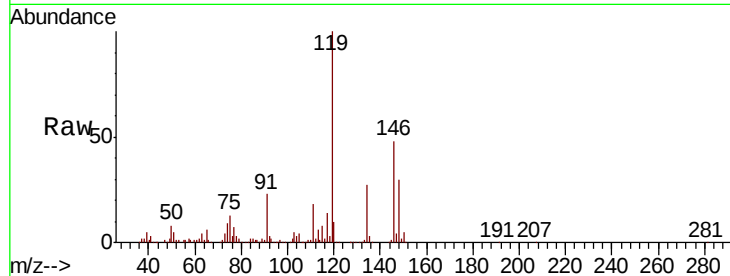




#87
 1,3-Dichlorobenzene
 Concen: 18.982 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. -0.01 min
 Lab File: VY002488.D
 Acq: 28 Apr 2020 12:51

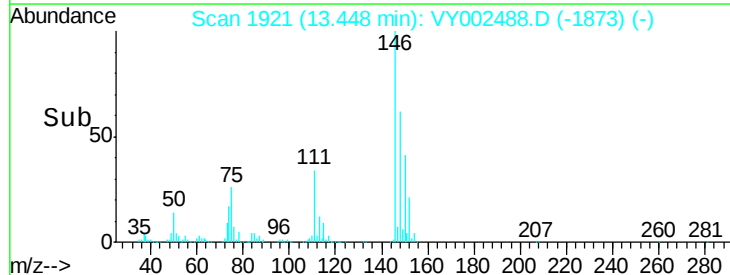
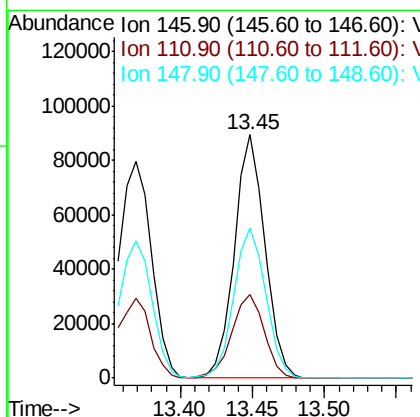
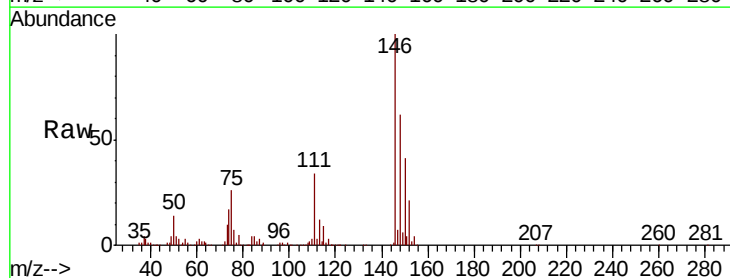
Instrument :
 MSVOA_Y
 ClientSampleId :

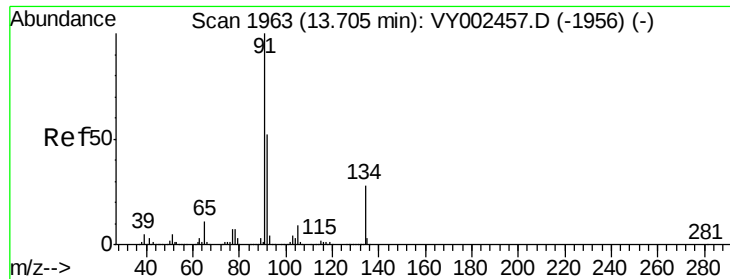
Tot Ion:146 Resp: 125028
 Ion Ratio Lower Upper
 146 100
 111 36.1 18.8 56.3
 148 63.2 32.0 96.0



#88
 1,4-Dichlorobenzene
 Concen: 20.167 ug/l
 RT: 13.45 min Scan# 1921
 Delta R.T. -0.01 min
 Lab File: VY002488.D
 Acq: 28 Apr 2020 12:51

Tgt Ion:146 Resp: 132086
 Ion Ratio Lower Upper
 146 100
 111 36.9 18.1 54.1
 148 64.6 32.1 96.5

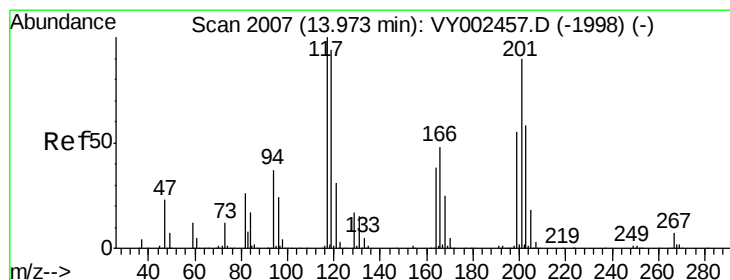
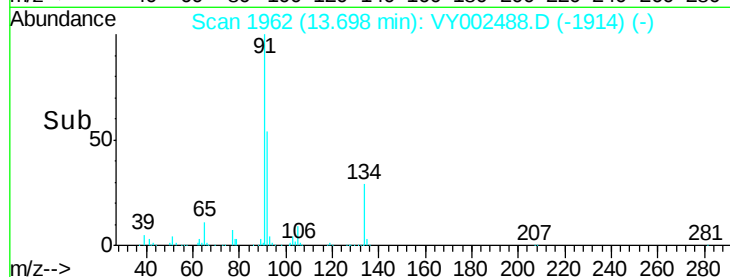
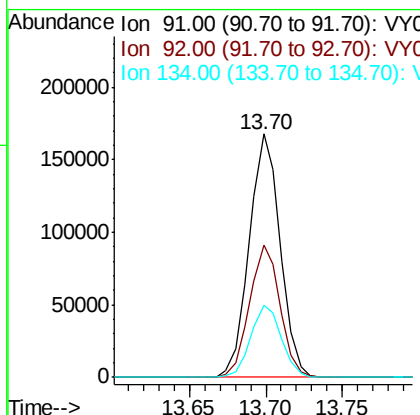
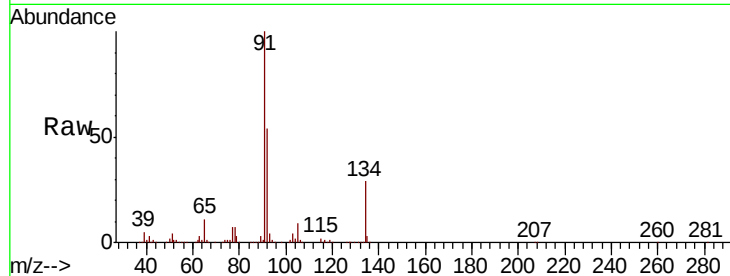




#89
n-Butylbenzene
Concen: 19.189 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. -0.01 min
Lab File: VY002488.D
Acq: 28 Apr 2020 12:51

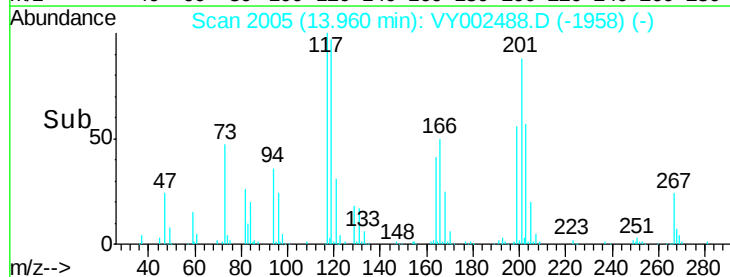
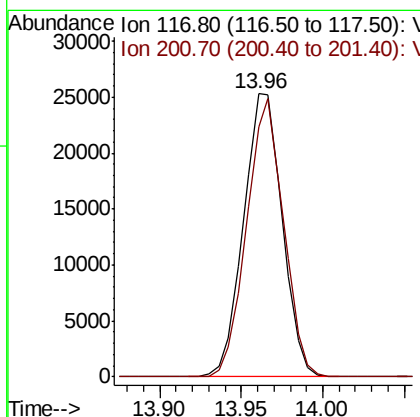
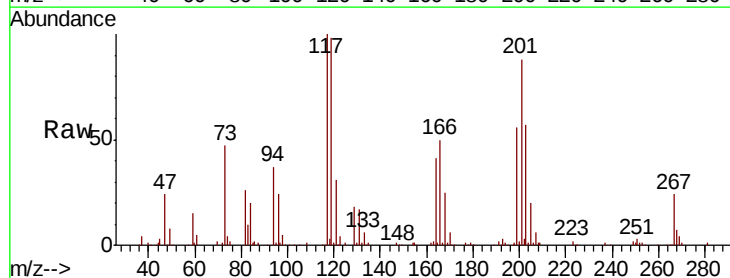
Instrument :
MSVOA_Y
ClientSampleId :

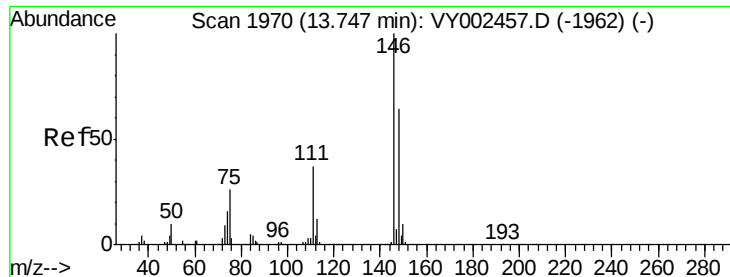
Tot Ion: 91 Resp: 236563
Ion Ratio Lower Upper
91 100
92 53.3 26.5 79.4
134 29.3 14.3 42.9



#90
Hexachloroethane
Concen: 17.295 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.01 min
Lab File: VY002488.D
Acq: 28 Apr 2020 12:51

Tgt Ion: 117 Resp: 41776
Ion Ratio Lower Upper
117 100
201 93.5 44.4 133.1

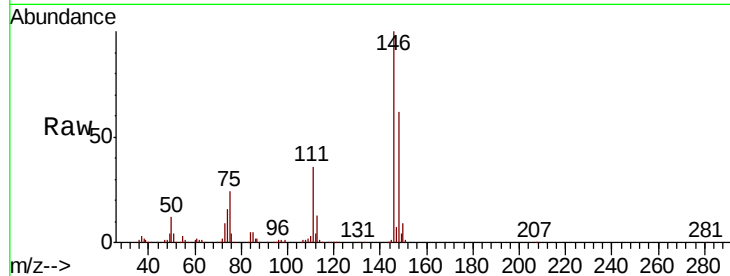




#91
 1,2-Dichlorobenzene
 Concen: 20.838 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. -0.01 min
 Lab File: VY002488.D
 Acq: 28 Apr 2020 12:51

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.9	18.9	56.9
148	64.8	31.6	94.7

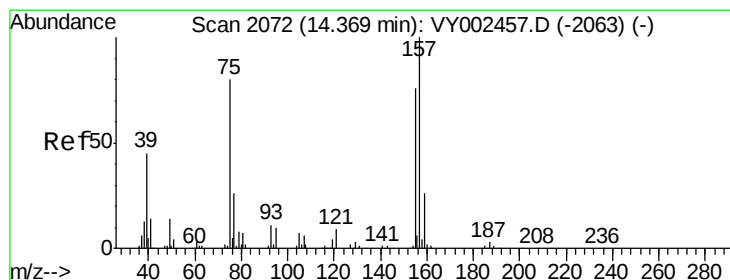
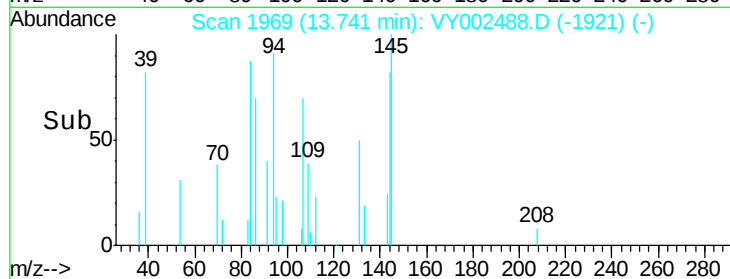
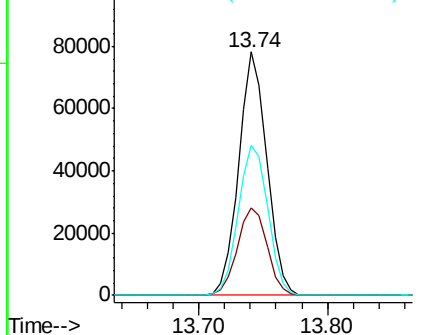


Abundance

Ion 145.90 (145.60 to 146.60): V

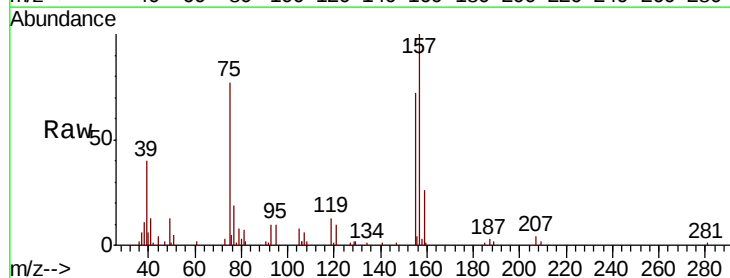
Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.069 ug/l
 RT: 14.36 min Scan# 2071
 Delta R.T. -0.01 min
 Lab File: VY002488.D
 Acq: 28 Apr 2020 12:51

Tgt Ion	Ratio	Lower	Upper
75	100		
155	95.9	49.6	149.0
157	124.5	62.6	187.9

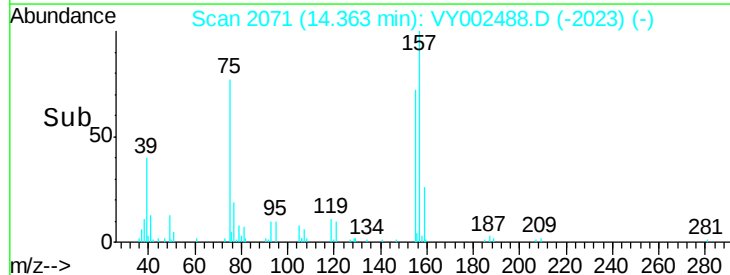
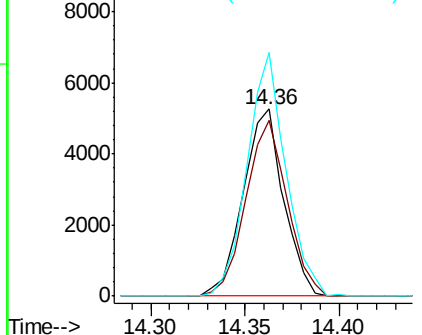


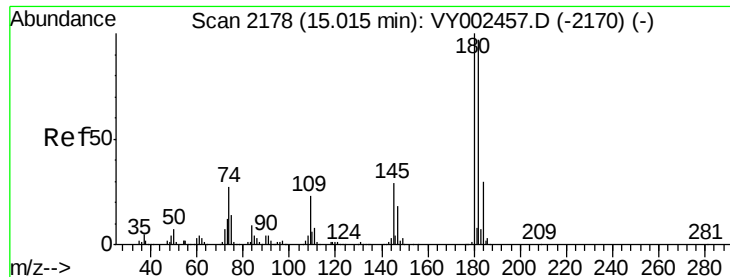
Abundance

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

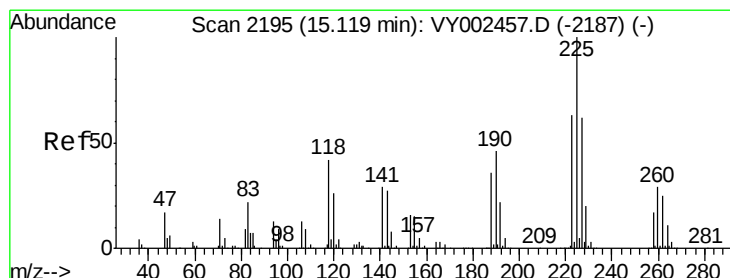
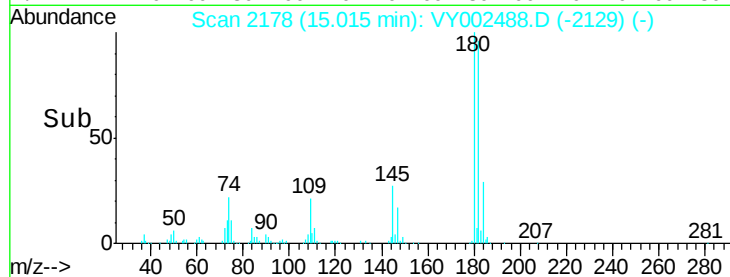
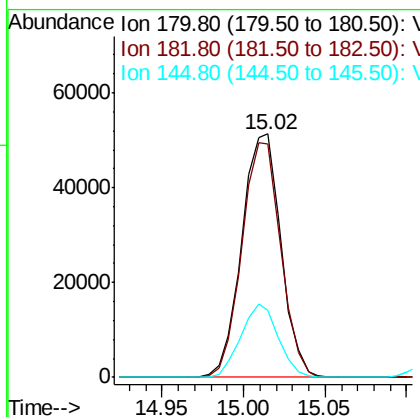
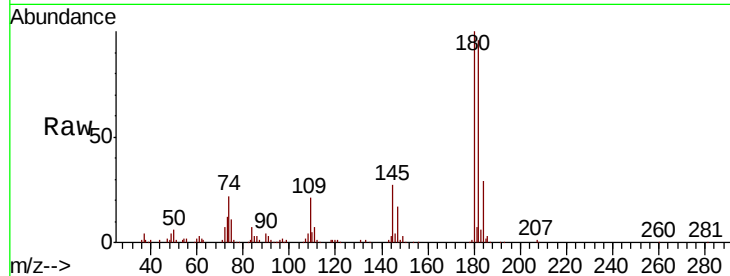




#93
 1,2,4-Trichlorobenzene
 Concen: 19.079 ug/l
 RT: 15.02 min Scan# 2178
 Delta R.T. -0.00 min
 Lab File: VY002488.D
 Acq: 28 Apr 2020 12:51

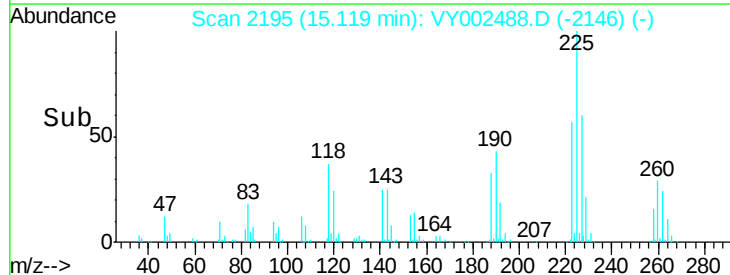
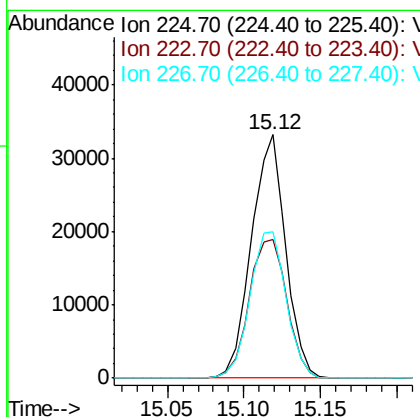
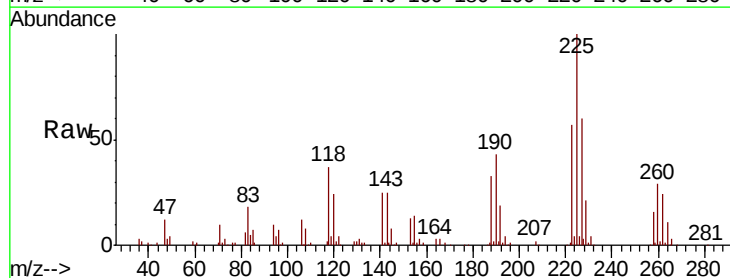
Instrument :
 MSVOA_Y
 ClientSampleId :

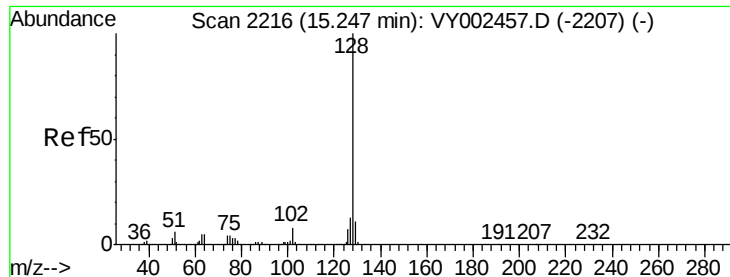
Tot Ion:180 Resp: 85414
 Ion Ratio Lower Upper
 180 100
 182 96.1 47.9 143.7
 145 28.9 14.2 42.6



#94
 Hexachlorobutadiene
 Concen: 19.108 ug/l
 RT: 15.12 min Scan# 2195
 Delta R.T. -0.00 min
 Lab File: VY002488.D
 Acq: 28 Apr 2020 12:51

Tgt Ion:225 Resp: 51626
 Ion Ratio Lower Upper
 225 100
 223 63.1 31.1 93.3
 227 63.4 31.5 94.5

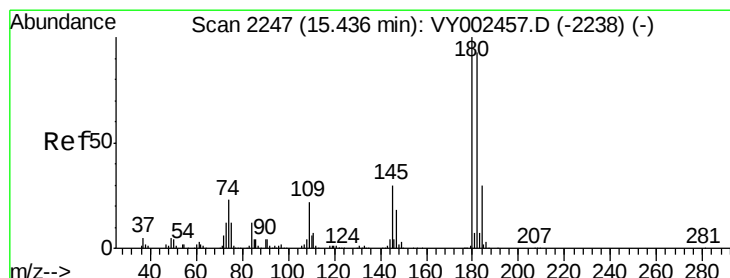
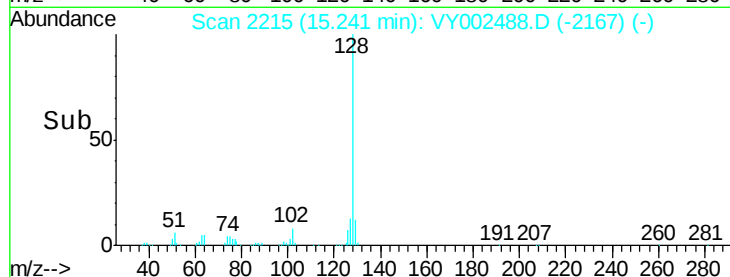
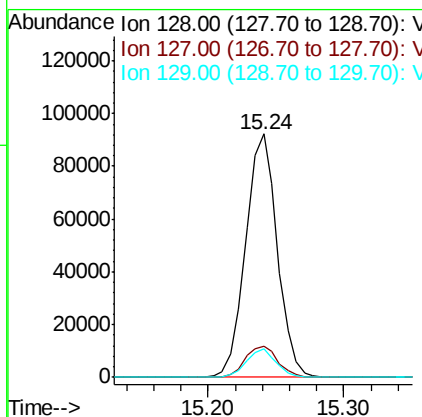
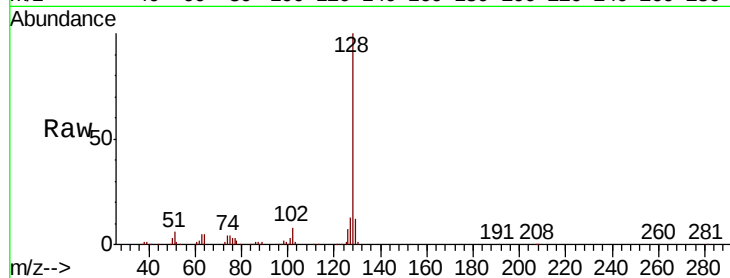




#95
Naphthalene
Concen: 18.046 ug/l
RT: 15.24 min Scan# 2215
Delta R.T. -0.01 min
Lab File: VY002488.D
Acq: 28 Apr 2020 12:51

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.5	15.7
129	11.1	8.8	13.2



#96
1,2,3-Trichlorobenzene
Concen: 18.908 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. -0.01 min
Lab File: VY002488.D
Acq: 28 Apr 2020 12:51

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	47.5	142.6
145	30.9	15.3	45.9

