

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY042320\
 Data File : VY002456.D
 Acq On : 23 Apr 2020 12:04
 Operator : SY/MD
 Sample : VSTDIC020
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 23 12:53:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y042320S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 23 12:46:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	280981	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	416579	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	381402	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	198477	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.17	65	49533	20.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	40.24%	
35) Dibromofluoromethane	7.75	113	46069	19.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	39.08%	
50) Toluene-d8	10.19	98	190743	20.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	40.16%	
62) 4-Bromofluorobenzene	12.49	95	61288	19.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	38.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	42445	20.426	ug/l	99
3) Chloromethane	2.13	50	54887	20.673	ug/l	98
4) Vinyl Chloride	2.27	62	40692	21.942	ug/l	96
5) Bromomethane	2.66	94	16955	16.932	ug/l	89
6) Chloroethane	2.82	64	14443	14.831	ug/l	93
7) Trichlorofluoromethane	3.15	101	58221	17.309	ug/l	100
8) Diethyl Ether	3.56	74	21981	15.976	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	3.93	101	37637	16.196	ug/l	97
10) Methyl Iodide	4.12	142	70024	19.446	ug/l	98
11) Tert butyl alcohol	5.00	59	23304	101.834	ug/l	99
12) 1,1-Dichloroethene	3.91	96	38523	16.202	ug/l	97
13) Acrolein	3.75	56	13866	78.709	ug/l	97
14) Allyl chloride	4.51	41	69130	19.541	ug/l	98
15) Acrylonitrile	5.21	53	68474	103.076	ug/l	100
16) Acetone	3.99	43	42228	85.455	ug/l	98
17) Carbon Disulfide	4.22	76	143116	19.107	ug/l	99
18) Methyl Acetate	4.51	43	32783	19.937	ug/l	99
19) Methyl tert-butyl Ether	5.26	73	129852	20.190	ug/l	98
20) Methylene Chloride	4.75	84	57272	18.969	ug/l	98
21) trans-1,2-Dichloroethene	5.25	96	53077	19.501	ug/l	95
22) Diisopropyl ether	6.15	45	140387	19.972	ug/l	98
23) Vinyl Acetate	6.10	43	453135	102.777	ug/l	97
24) 1,1-Dichloroethane	6.05	63	83349	19.557	ug/l	98
25) 2-Butanone	7.02	43	78867	102.133	ug/l	95
26) 2,2-Dichloropropane	7.02	77	79557	19.622	ug/l	100
27) cis-1,2-Dichloroethene	7.02	96	58202	19.670	ug/l	99
28) Bromochloromethane	7.36	49	33914	20.245	ug/l	96
29) Tetrahydrofuran	7.38	42	53922	104.857	ug/l	98
30) Chloroform	7.53	83	88669	19.581	ug/l	95
31) Cyclohexane	7.82	56	80873	18.735	ug/l	# 96
32) 1,1,1-Trichloroethane	7.73	97	83752	19.700	ug/l	100
36) 1,1-Dichloropropene	7.94	75	69521	19.445	ug/l	99
37) Ethyl Acetate	7.11	43	36377	20.631	ug/l	99
38) Carbon Tetrachloride	7.92	117	80586	19.718	ug/l	100

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.21	83	90257	19.429	ug/l	99
40) Benzene	8.19	78	202598	19.637	ug/l	99
41) Methacrylonitrile	7.37	41	49678	23.403	ug/l #	1
42) 1,2-Dichloroethane	8.26	62	59143	19.805	ug/l	100
43) Isopropyl Acetate	8.30	43	66749	20.288	ug/l	99
44) Trichloroethene	8.96	130	62519	19.331	ug/l	100
45) 1,2-Dichloropropane	9.24	63	47491	19.947	ug/l	98
46) Dibromomethane	9.33	93	27863	20.168	ug/l	100
47) Bromodichloromethane	9.52	83	68171	19.686	ug/l	99
48) Methyl methacrylate	9.31	41	30137	20.105	ug/l	97
49) 1,4-Dioxane	9.31	88	6968	400.901	ug/l	95
51) 4-Methyl-2-Pentanone	10.09	43	174707	102.466	ug/l	99
52) Toluene	10.26	92	129198	19.530	ug/l	99
53) t-1,3-Dichloropropene	10.48	75	72059	20.007	ug/l	100
54) cis-1,3-Dichloropropene	9.95	75	82527	19.862	ug/l	99
55) 1,1,2-Trichloroethane	10.66	97	40571	19.829	ug/l	97
56) Ethyl methacrylate	10.52	69	56407	20.390	ug/l	99
57) 1,3-Dichloropropane	10.80	76	69210	20.050	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.80	63	137496	101.756	ug/l	100
59) 2-Hexanone	10.85	43	121686	103.153	ug/l	100
60) Dibromochloromethane	11.00	129	52932	19.853	ug/l	98
61) 1,2-Dibromoethane	11.10	107	40638	20.074	ug/l	98
64) Tetrachloroethene	10.74	164	69623	19.851	ug/l	99
65) Chlorobenzene	11.53	112	145169	19.755	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.60	131	54457	19.863	ug/l	99
67) Ethyl Benzene	11.61	91	255991	19.635	ug/l	99
68) m/p-Xylenes	11.71	106	196282	39.082	ug/l	99
69) o-Xylene	12.04	106	92542	19.674	ug/l	99
70) Styrene	12.06	104	161008	19.726	ug/l	99
71) Bromoform	12.22	173	34828	20.292	ug/l #	99
73) Isopropylbenzene	12.34	105	256029	19.901	ug/l	99
74) N-amyl acetate	12.16	43	61307	20.437	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.59	83	39181	19.986	ug/l	98
76) 1,2,3-Trichloropropane	12.64	75	62447	22.787	ug/l #	100
77) Bromobenzene	12.62	156	64578	20.002	ug/l	99
78) n-propylbenzene	12.68	91	294819	19.684	ug/l	99
79) 2-Chlorotoluene	12.77	91	159246	19.486	ug/l	99
80) 1,3,5-Trimethylbenzene	12.82	105	214233	19.553	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.39	75	17215	19.737	ug/l	98
82) 4-Chlorotoluene	12.86	91	168608	19.554	ug/l	99
83) tert-Butylbenzene	13.08	119	190975	19.800	ug/l	100
84) 1,2,4-Trimethylbenzene	13.13	105	217933	19.957	ug/l	100
85) sec-Butylbenzene	13.27	105	259485	19.703	ug/l	100
86) p-Isopropyltoluene	13.38	119	247566	19.860	ug/l	100
87) 1,3-Dichlorobenzene	13.38	146	121331	19.684	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	120525	19.745	ug/l	98
89) n-Butylbenzene	13.70	91	222855	19.544	ug/l	99
90) Hexachloroethane	13.97	117	43870	19.694	ug/l	99
91) 1,2-Dichlorobenzene	13.75	146	109036	19.762	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	7872	20.253	ug/l	99

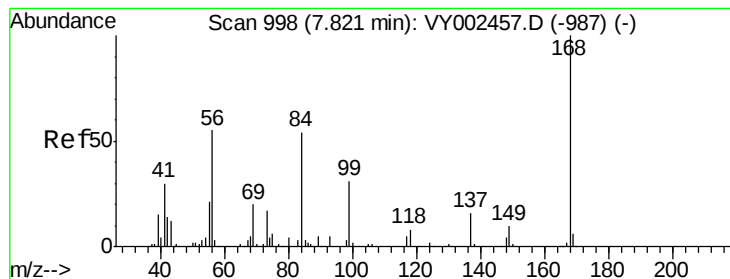
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY042320\
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Quant Title : SW846 8260
QLast Update : Thu Apr 23 12:46:18 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	82048	20.085	ug/l	99
94) Hexachlorobutadiene	15.12	225	49377	19.882	ug/l	98
95) Naphthalene	15.25	128	151082	20.349	ug/l	100
96) 1,2,3-Trichlorobenzene	15.44	180	69465	20.185	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 998

Delta R.T. -0.00 min

Lab File: VY002456.D

Acq: 23 Apr 2020 12:04

Instrument :

MSVOA_Y

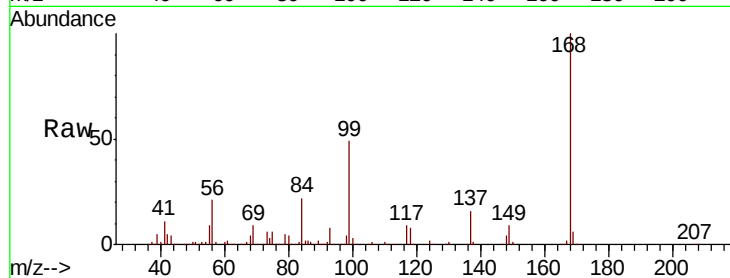
ClientSampleId :

Tot Ion:168 Resp: 280981

Ion Ratio Lower Upper

168 100

99 48.7 39.7 59.5



Abundance Ion 167.90 (167.60 to 168.60): VY002456.D (-949) (-)

Ion 98.90 (98.60 to 99.60): VY002456.D (-949) (-)

7.82

150000

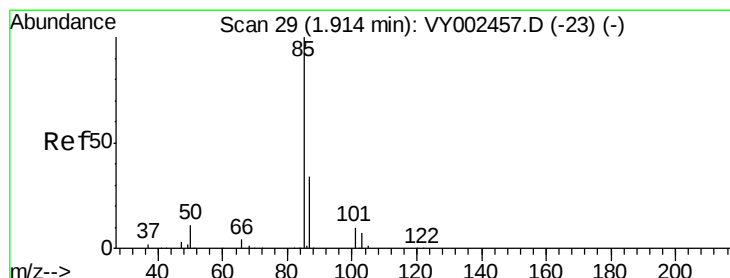
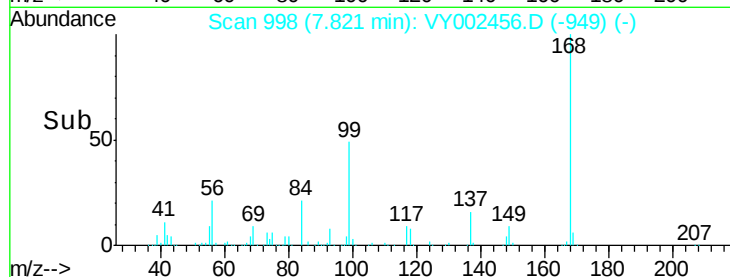
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 20.426 ug/l

RT: 1.91 min Scan# 29

Delta R.T. -0.00 min

Lab File: VY002456.D

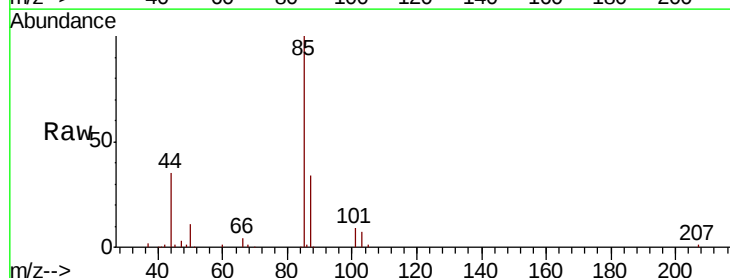
Acq: 23 Apr 2020 12:04

Tgt Ion: 85 Resp: 42445

Ion Ratio Lower Upper

85 100

87 33.7 17.1 51.3



Abundance Ion 84.90 (84.60 to 85.60): VY002456.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY002456.D (-1) (-)

1.91

30000

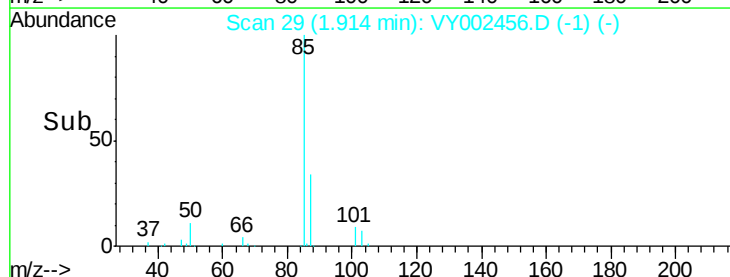
20000

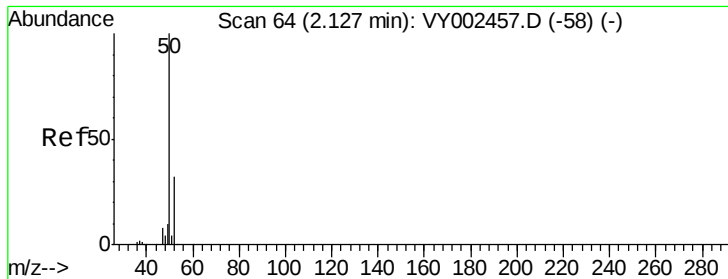
10000

0

1.85 1.90 1.95 2.00 2.05

Time-->





#3

Chloromethane

Concen: 20.673 ug/l

RT: 2.13 min Scan# 65

Delta R.T. 0.01 min

Lab File: VY002456.D

Acq: 23 Apr 2020 12:04

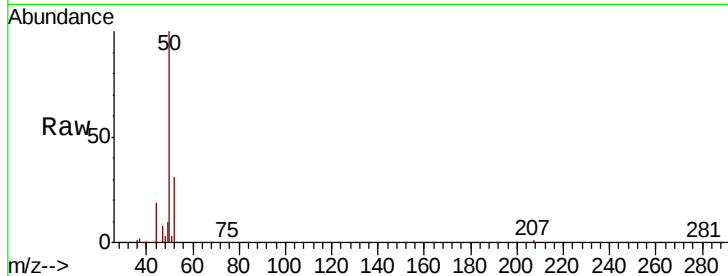
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 50 Resp: 54887

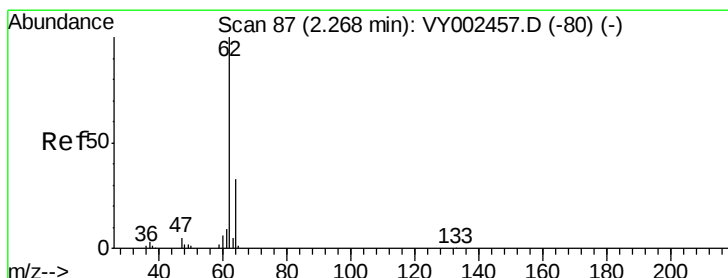
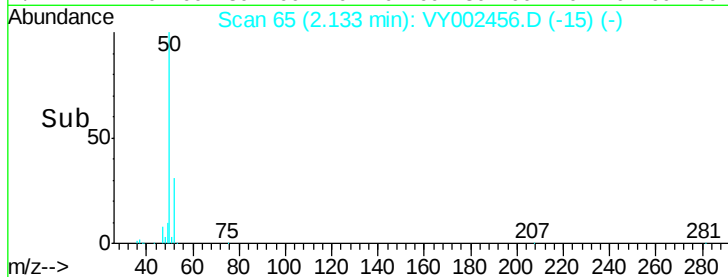
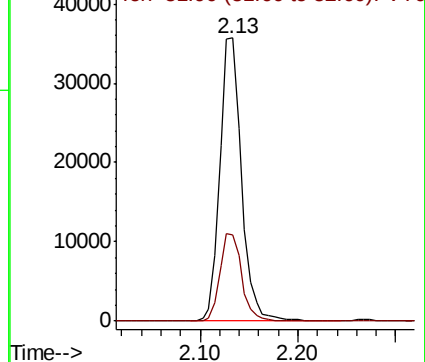
Ion Ratio Lower Upper

50 100

52 30.6 25.2 37.8



Abundance Ion 49.90 (49.60 to 50.60): VY0
Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 21.942 ug/l

RT: 2.27 min Scan# 87

Delta R.T. -0.00 min

Lab File: VY002456.D

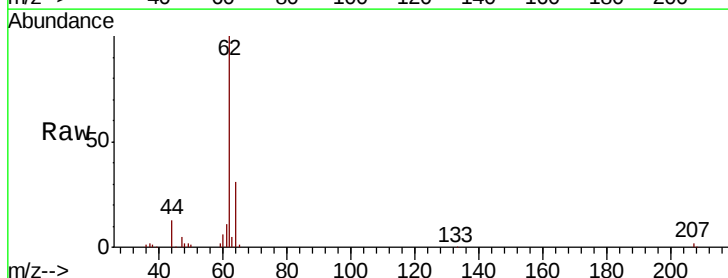
Acq: 23 Apr 2020 12:04

Tgt Ion: 62 Resp: 40692

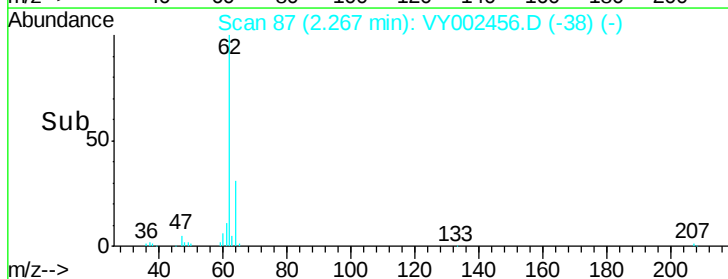
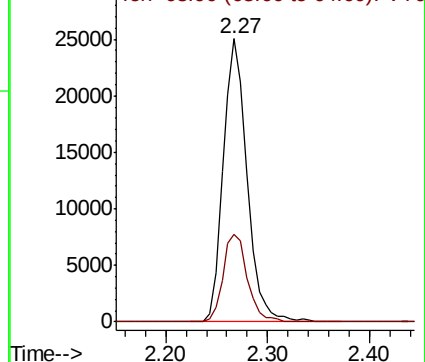
Ion Ratio Lower Upper

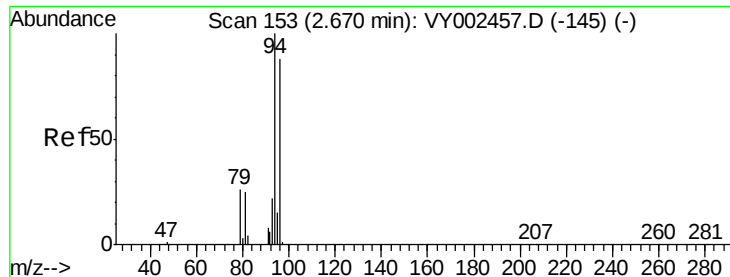
62 100

64 30.7 26.6 39.8



Abundance Ion 61.90 (61.60 to 62.60): VY0
Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 16.932 ug/l

RT: 2.66 min Scan# 152

Delta R.T. -0.01 min

Lab File: VY002456.D

Acq: 23 Apr 2020 12:04

Instrument :

MSVOA_Y

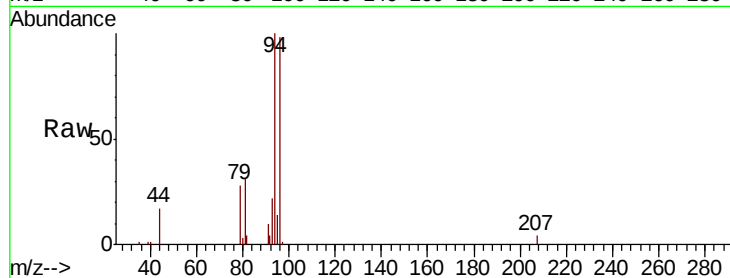
ClientSampleId :

Tot Ion: 94 Resp: 16955

Ion Ratio Lower Upper

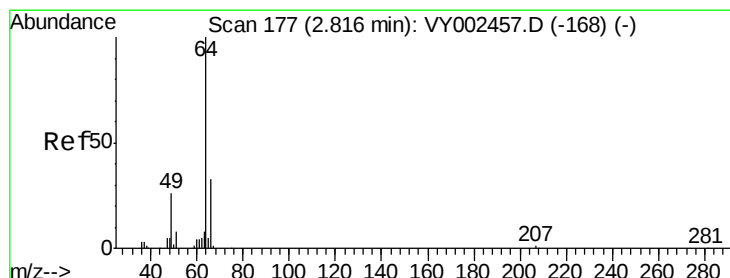
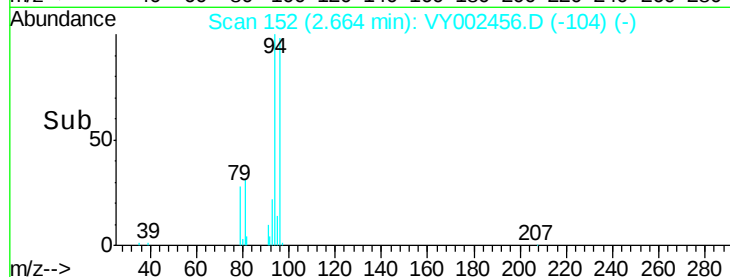
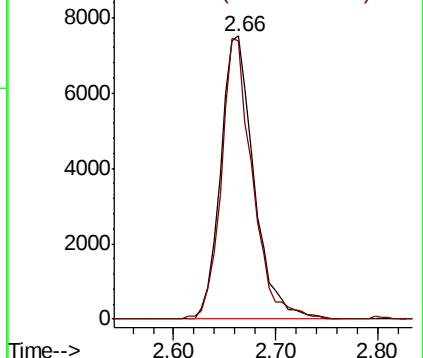
94 100

96 98.4 70.2 105.4



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 14.831 ug/l

RT: 2.82 min Scan# 177

Delta R.T. -0.00 min

Lab File: VY002456.D

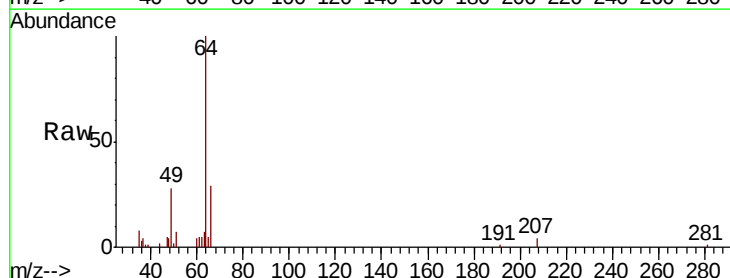
Acq: 23 Apr 2020 12:04

Tgt Ion: 64 Resp: 14443

Ion Ratio Lower Upper

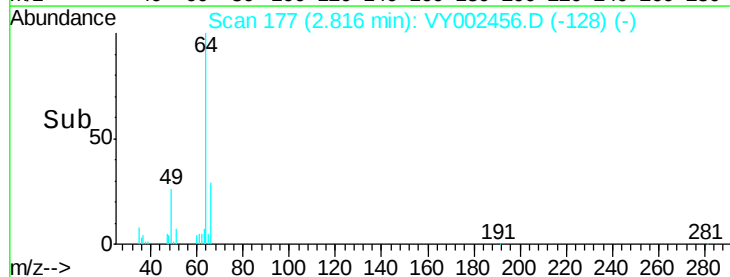
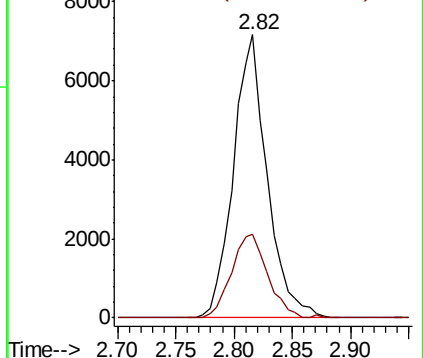
64 100

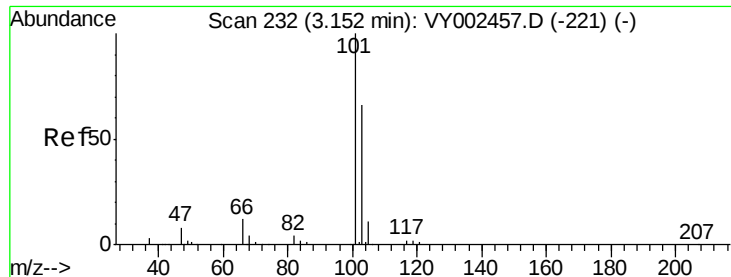
66 29.4 26.6 40.0



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



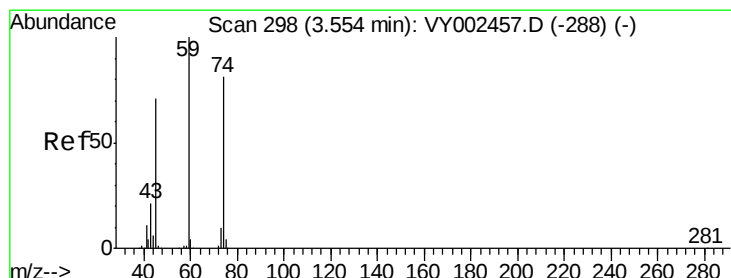
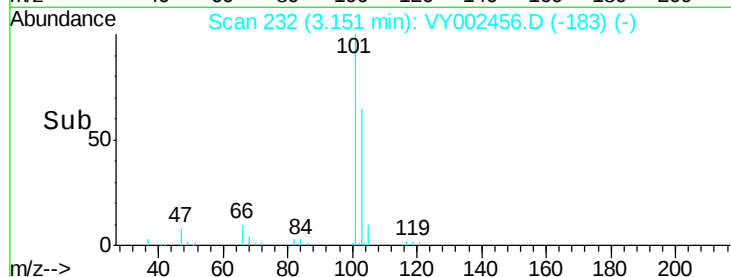
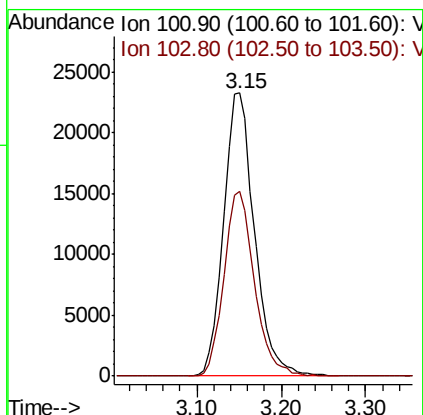
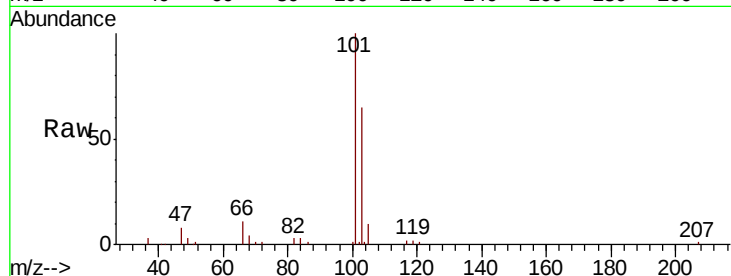


#7

Trichlorofluoromethane
Concen: 17.309 ug/l
RT: 3.15 min Scan# 232
Delta R.T. -0.00 min
Lab File: VY002456.D
Acq: 23 Apr 2020 12:04

Instrument :
MSVOA_Y
ClientSampled :

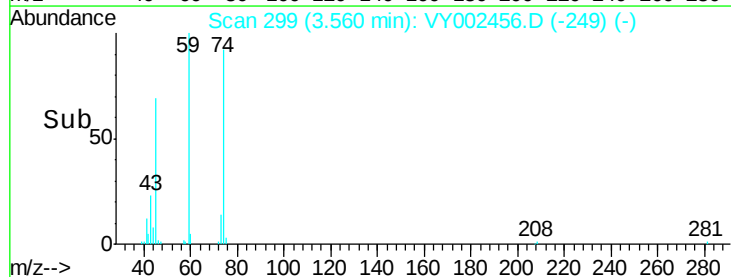
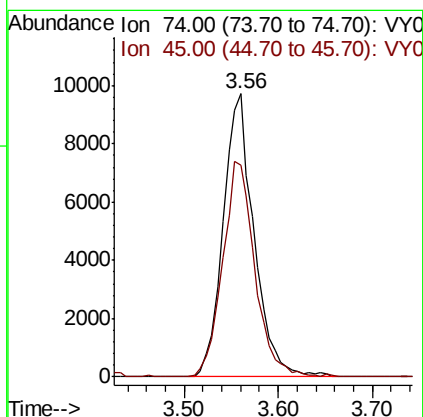
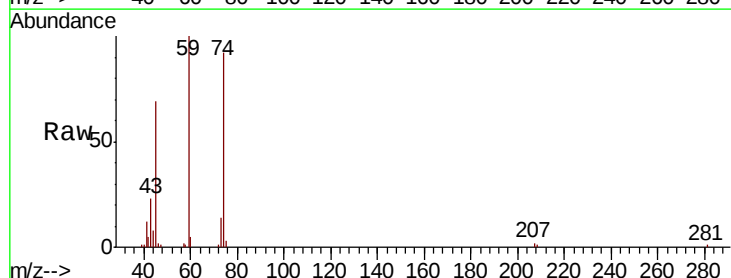
Tot Ion:101 Resp: 58221
Ion Ratio Lower Upper
101 100
103 65.4 52.5 78.7

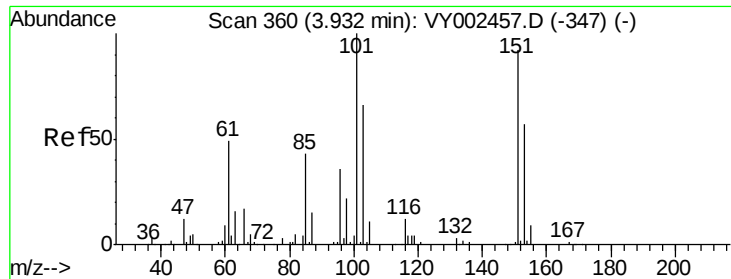


#8

Diethyl Ether
Concen: 15.976 ug/l
RT: 3.56 min Scan# 299
Delta R.T. 0.01 min
Lab File: VY002456.D
Acq: 23 Apr 2020 12:04

Tgt Ion: 74 Resp: 21981
Ion Ratio Lower Upper
74 100
45 79.5 44.0 132.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 16.196 ug/l

RT: 3.93 min Scan# 359

Delta R.T. -0.01 min

Lab File: VY002456.D

Acq: 23 Apr 2020 12:04

Instrument :

MSVOA_Y

ClientSampled :

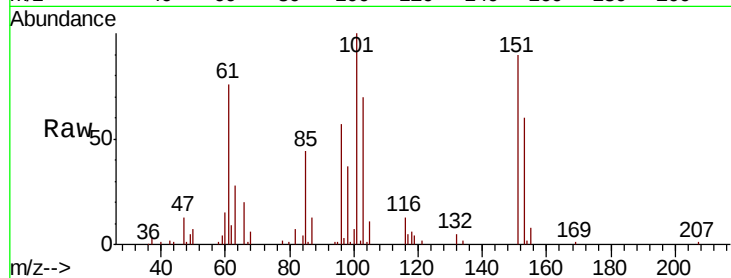
Tot Ion:101 Resp: 37637

Ion Ratio Lower Upper

101 100

85 43.4 34.1 51.1

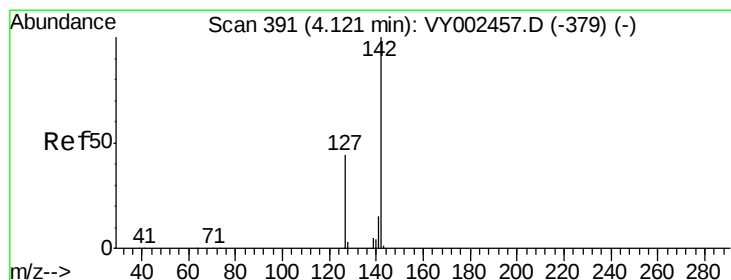
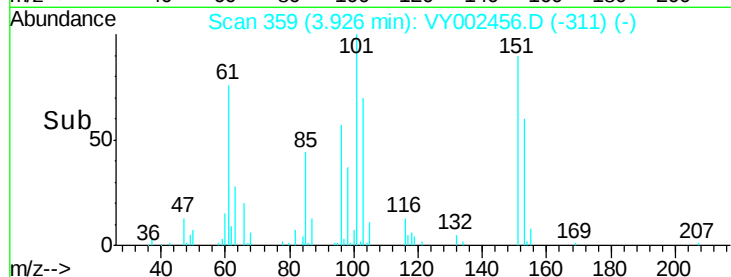
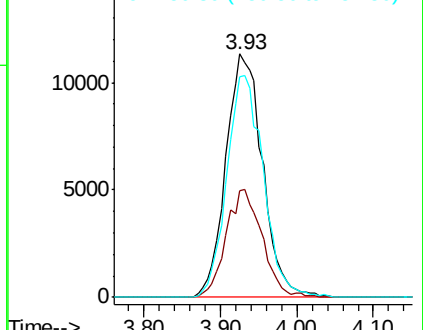
151 90.9 70.3 105.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VY0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.446 ug/l

RT: 4.12 min Scan# 391

Delta R.T. -0.00 min

Lab File: VY002456.D

Acq: 23 Apr 2020 12:04

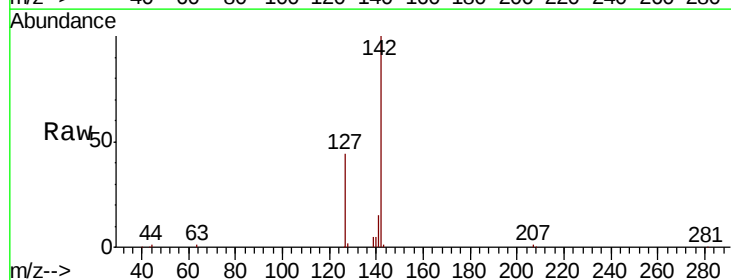
Tgt Ion:142 Resp: 70024

Ion Ratio Lower Upper

142 100

127 46.1 35.8 53.8

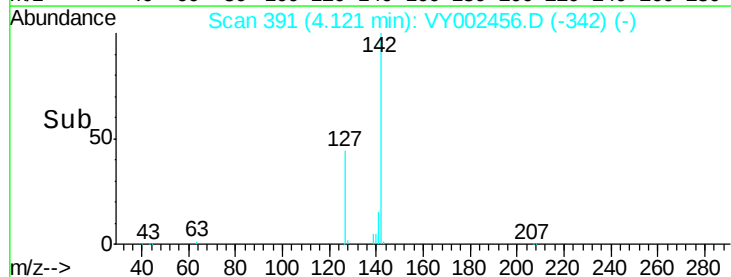
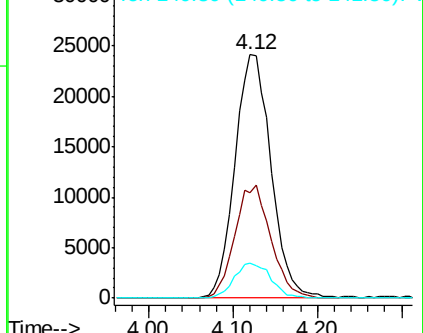
141 14.6 11.6 17.4

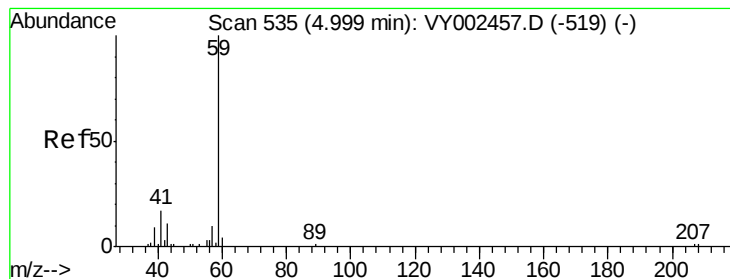


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 101.834 ug/l

RT: 5.00 min Scan# 536

Delta R.T. 0.01 min

Lab File: VY002456.D

Acq: 23 Apr 2020 12:04

Instrument :

MSVOA_Y

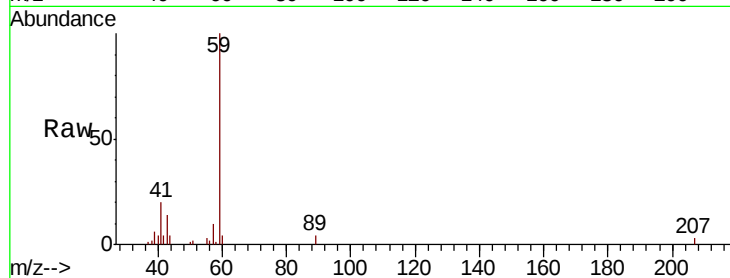
ClientSampleId :

Tot Ion: 59 Resp: 23304

Ion Ratio Lower Upper

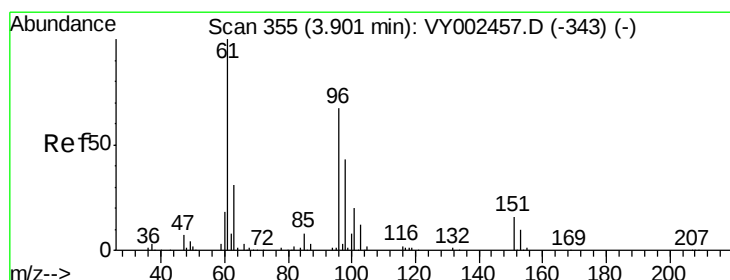
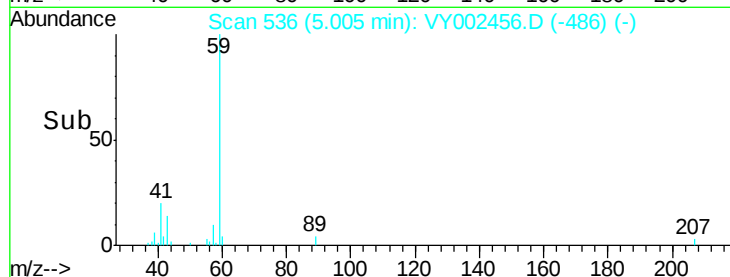
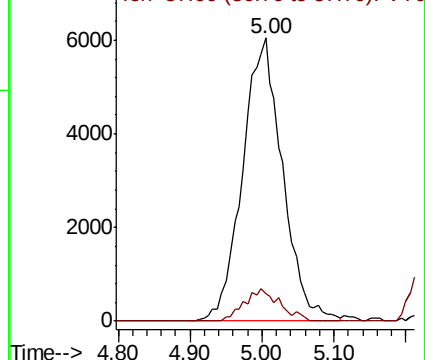
59 100

57 10.2 8.4 12.6



Abundance Ion 59.00 (58.70 to 59.70): VY0

Ion 57.00 (56.70 to 57.70): VY0



#12

1,1-Dichloroethene

Concen: 16.202 ug/l

RT: 3.91 min Scan# 356

Delta R.T. 0.01 min

Lab File: VY002456.D

Acq: 23 Apr 2020 12:04

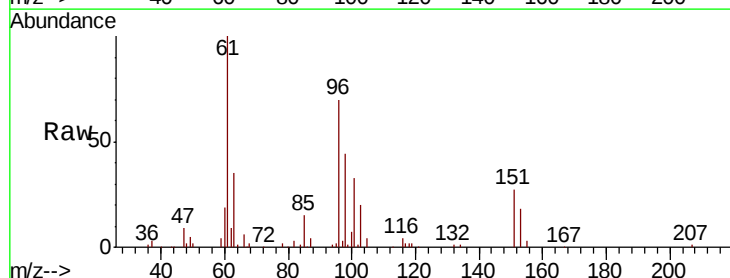
Tgt Ion: 96 Resp: 38523

Ion Ratio Lower Upper

96 100

61 143.7 119.0 178.6

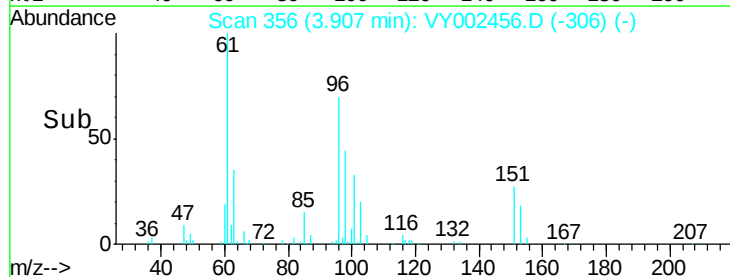
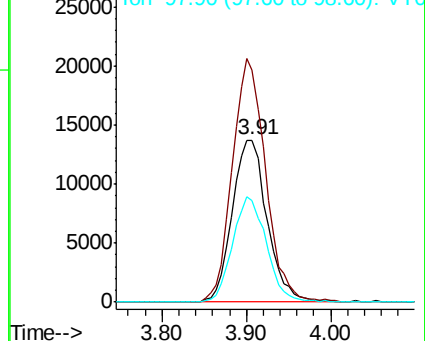
98 63.0 51.4 77.2

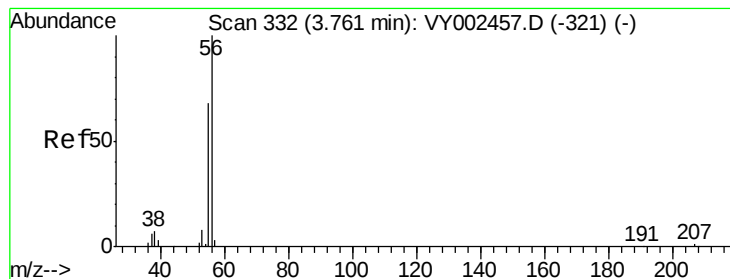


Abundance Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 97.90 (97.60 to 98.60): VY0





#13

Acrolein

Concen: 78.709 ug/l

RT: 3.75 min Scan# 331

Delta R.T. -0.01 min

Lab File: VY002456.D

Acq: 23 Apr 2020 12:04

Instrument :

MSVOA_Y

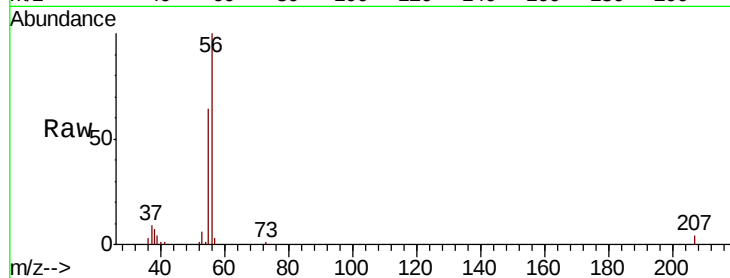
ClientSampleId :

Tot Ion: 56 Resp: 13866

Ion Ratio Lower Upper

56 100

55 67.1 55.8 83.6



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

6000

4000

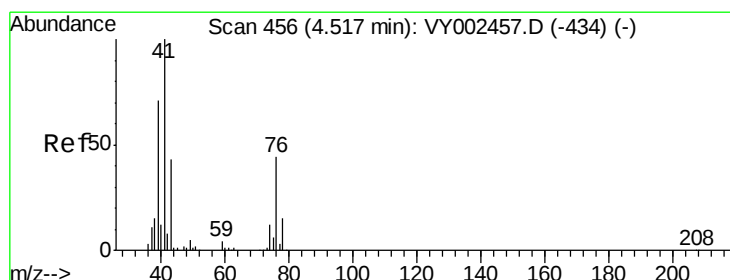
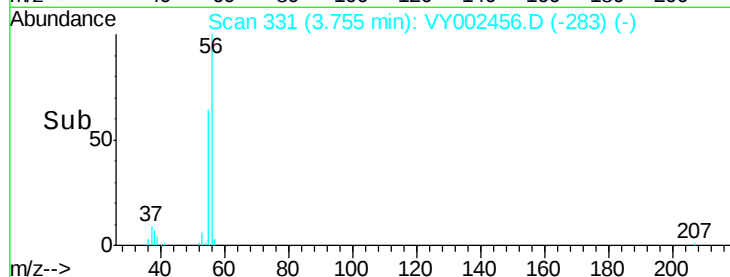
2000

0

3.75

3.70 3.80 3.90

Time-->



#14

Allyl chloride

Concen: 19.541 ug/l

RT: 4.51 min Scan# 455

Delta R.T. -0.01 min

Lab File: VY002456.D

Acq: 23 Apr 2020 12:04

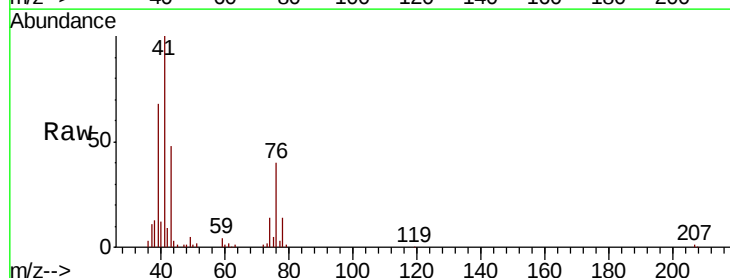
Tgt Ion: 41 Resp: 69130

Ion Ratio Lower Upper

41 100

39 67.6 55.1 82.7

76 42.1 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

30000

25000

20000

15000

10000

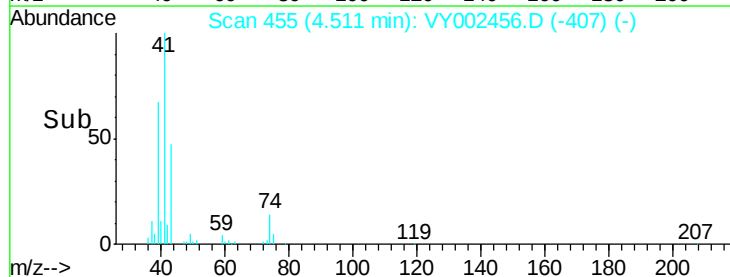
5000

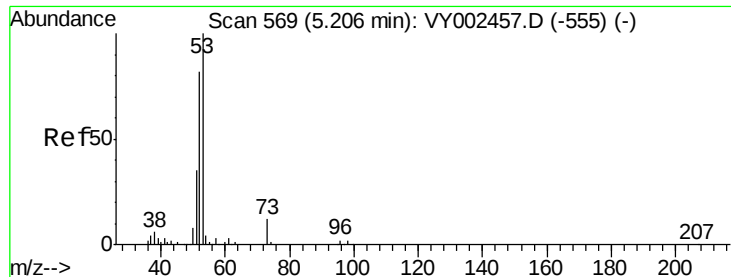
0

4.51

4.30 4.40 4.50 4.60 4.70

Time-->





#15

Acrylonitrile

Concen: 103.076 ug/l

RT: 5.21 min Scan# 570

Delta R.T. 0.01 min

Lab File: VY002456.D

Acq: 23 Apr 2020 12:04

Instrument :

MSVOA_Y

ClientSampleId :

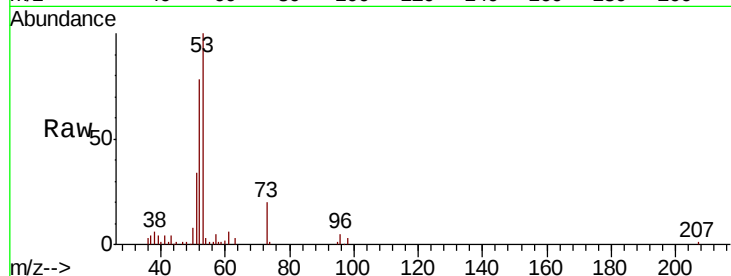
Tot Ion: 53 Resp: 68474

Ion Ratio Lower Upper

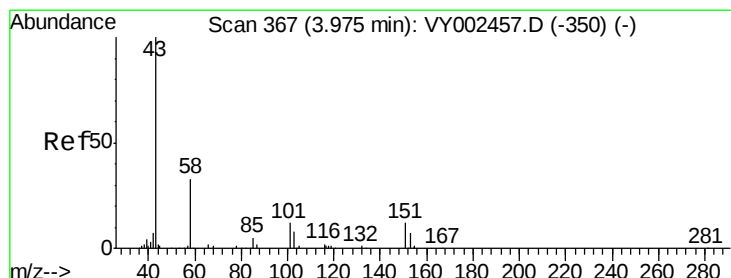
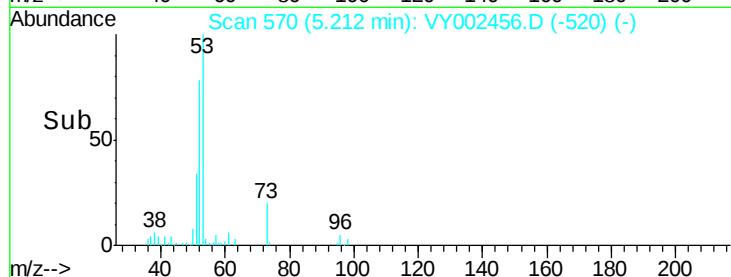
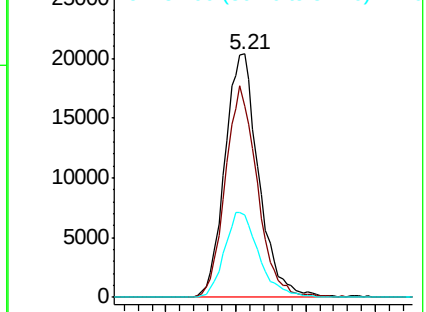
53 100

52 81.8 65.4 98.2

51 35.6 28.3 42.5



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



#16

Acetone

Concen: 85.455 ug/l

RT: 3.99 min Scan# 369

Delta R.T. 0.01 min

Lab File: VY002456.D

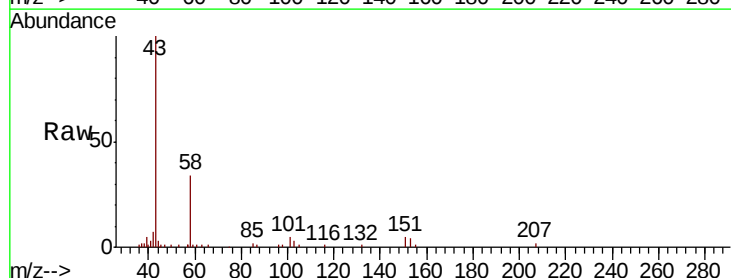
Acq: 23 Apr 2020 12:04

Tgt Ion: 43 Resp: 42228

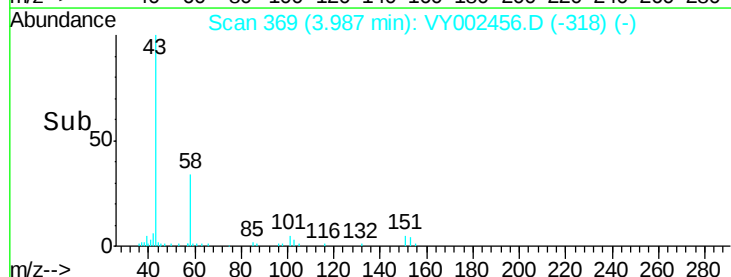
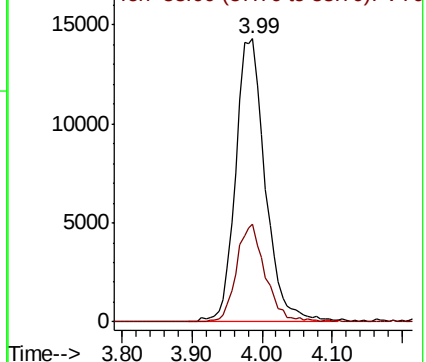
Ion Ratio Lower Upper

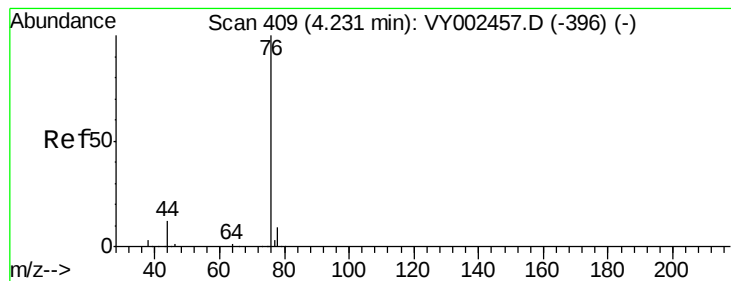
43 100

58 34.3 26.4 39.6



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





#17

Carbon Disulfide

Concen: 19.107 ug/l

RT: 4.22 min Scan# 408

Delta R.T. -0.01 min

Lab File: VY002456.D

Acq: 23 Apr 2020 12:04

Instrument :

MSVOA_Y

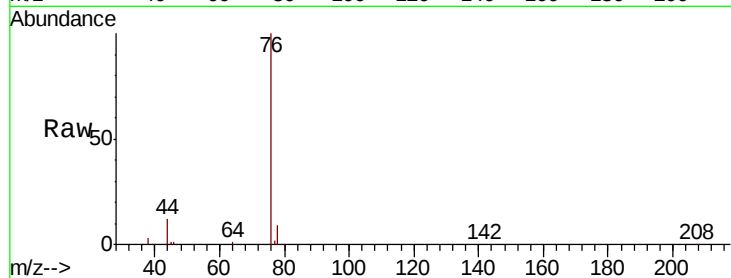
ClientSampleId :

Tot Ion: 76 Resp: 143116

Ion Ratio Lower Upper

76 100

78 9.3 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VY002456.D (-360) (-)

Ion 77.90 (77.60 to 78.60): VY002456.D (-360) (-)

4.22

60000

50000

40000

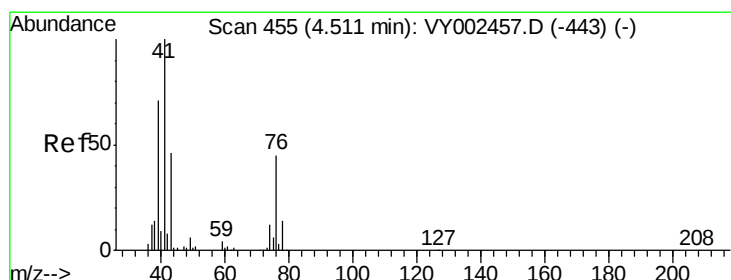
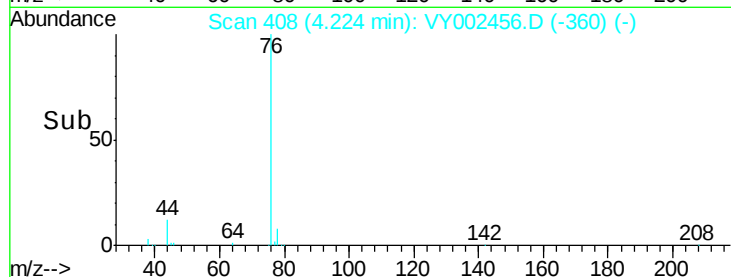
30000

20000

10000

0

Time-->



#18

Methyl Acetate

Concen: 19.937 ug/l

RT: 4.51 min Scan# 455

Delta R.T. -0.00 min

Lab File: VY002456.D

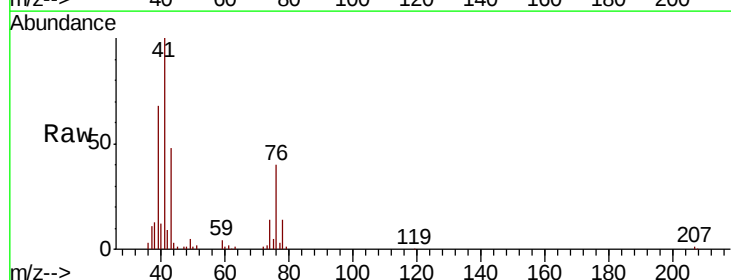
Acq: 23 Apr 2020 12:04

Tgt Ion: 43 Resp: 32783

Ion Ratio Lower Upper

43 100

74 27.2 22.0 33.0



Abundance Ion 43.00 (42.70 to 43.70): VY002456.D (-406) (-)

Ion 74.00 (73.70 to 74.70): VY002456.D (-406) (-)

4.51

12000

10000

8000

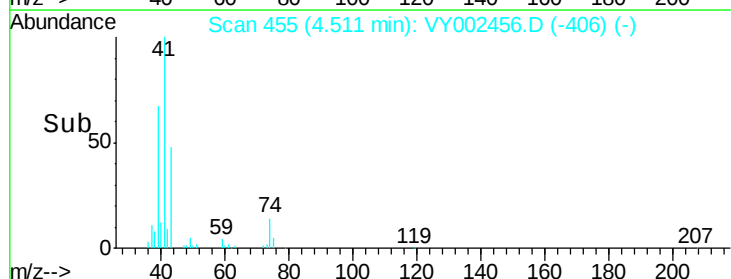
6000

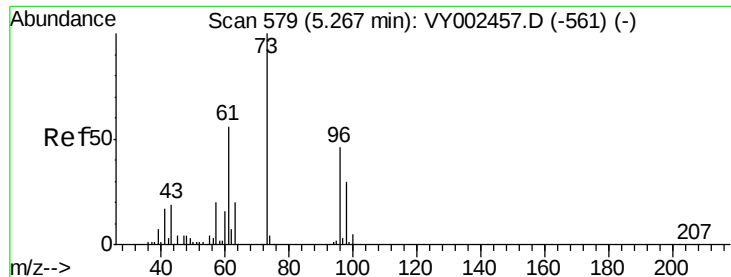
4000

2000

0

Time-->

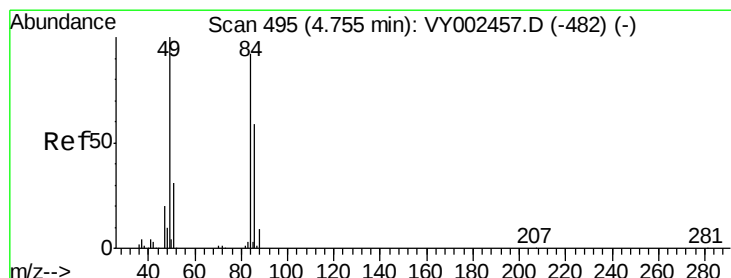
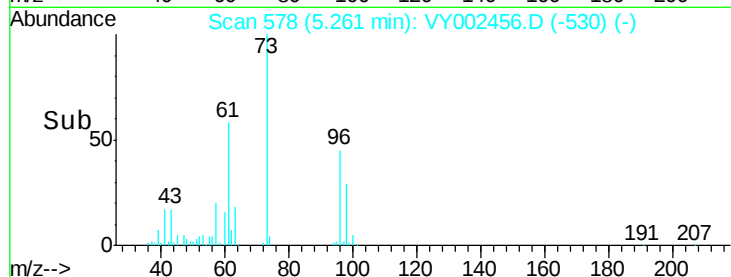
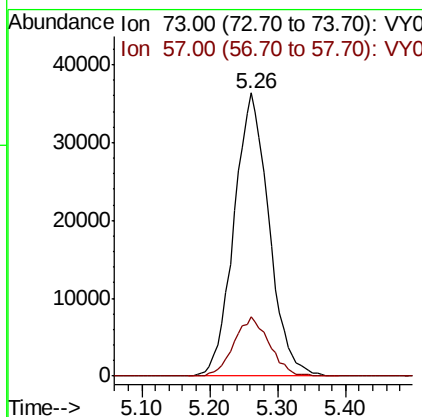
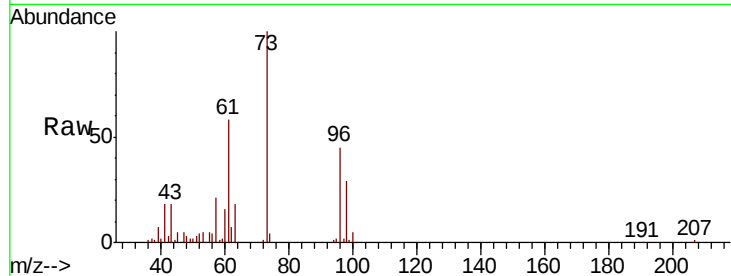




#19
Methvl tert-butvl Ether
Concen: 20.190 ug/l
RT: 5.26 min Scan# 578
Delta R.T. -0.01 min
Lab File: VY002456.D
Acq: 23 Apr 2020 12:04

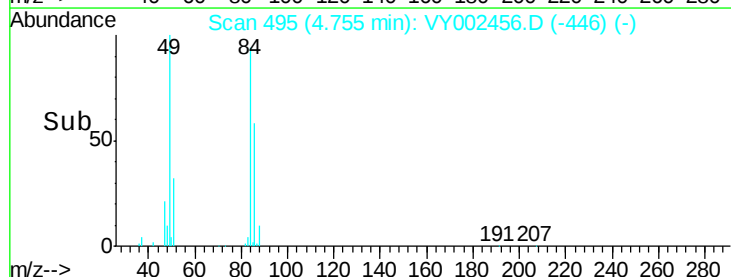
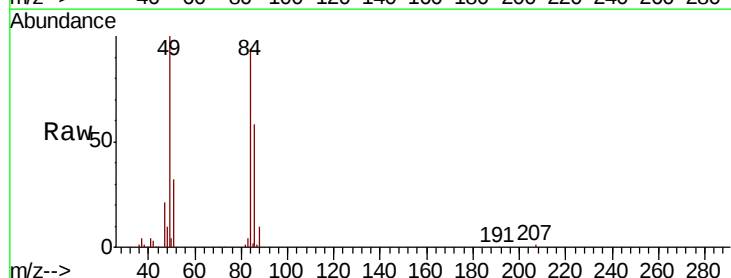
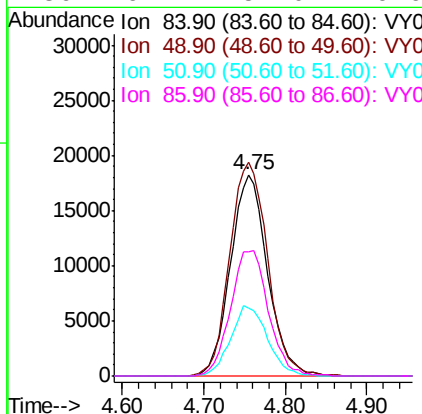
Instrument :
MSVOA_Y
ClientSampleId :

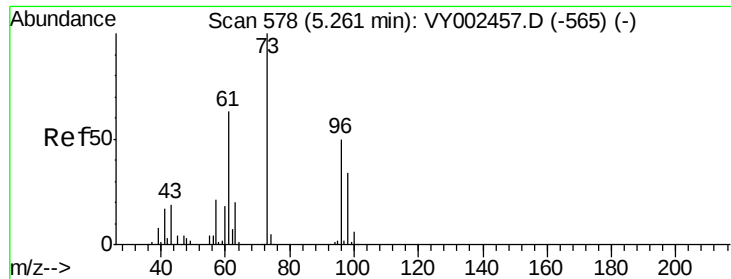
Tot Ion: 73 Resp: 129852
Ion Ratio Lower Upper
73 100
57 20.9 16.0 24.0



#20
Methylene Chloride
Concen: 18.969 ug/l
RT: 4.75 min Scan# 495
Delta R.T. -0.00 min
Lab File: VY002456.D
Acq: 23 Apr 2020 12:04

Tgt Ion: 84 Resp: 57272
Ion Ratio Lower Upper
84 100
49 106.2 86.9 130.3
51 33.6 27.3 40.9
86 61.7 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 19.501 ug/l

RT: 5.25 min Scan# 577

Delta R.T. -0.01 min

Lab File: VY002456.D

Acq: 23 Apr 2020 12:04

Instrument :

MSVOA_Y

ClientSampleId :

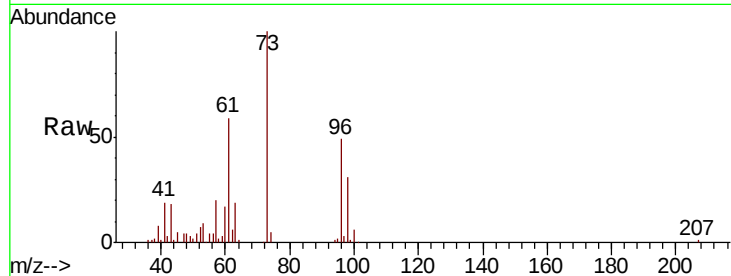
Tot Ion: 96 Resp: 53077

Ion Ratio Lower Upper

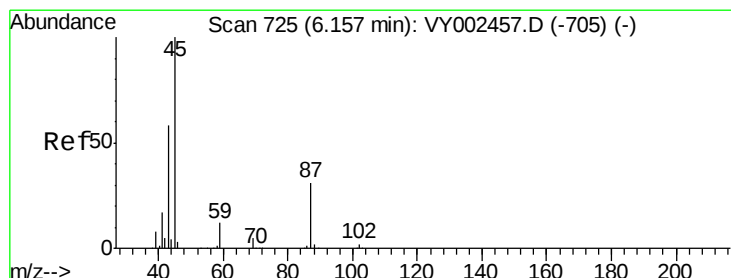
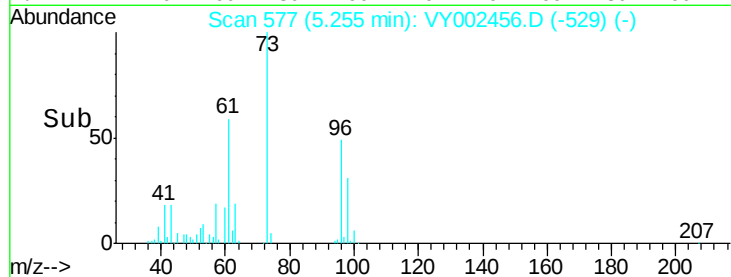
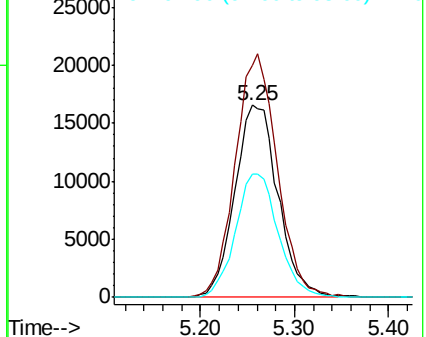
96 100

61 120.9 101.4 152.0

98 64.1 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: 19.972 ug/l

RT: 6.15 min Scan# 724

Delta R.T. -0.01 min

Lab File: VY002456.D

Acq: 23 Apr 2020 12:04

Tgt Ion: 45 Resp: 140387

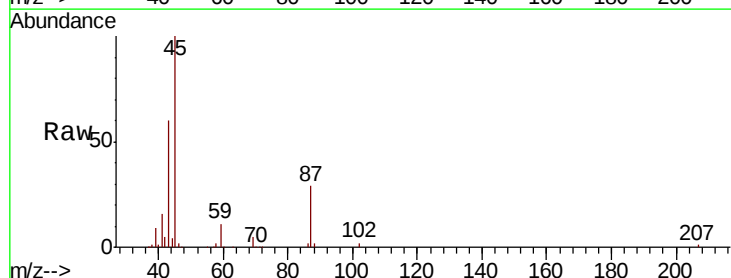
Ion Ratio Lower Upper

45 100

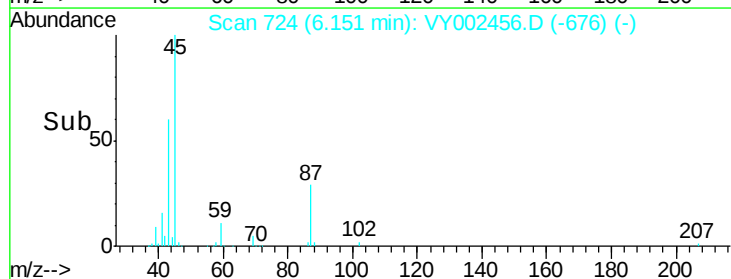
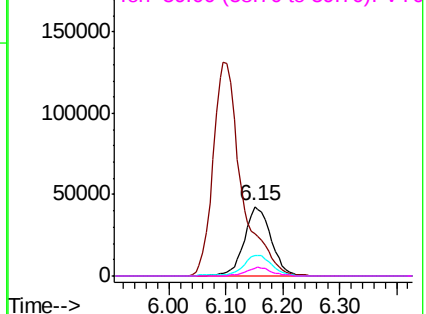
43 60.0 47.1 70.7

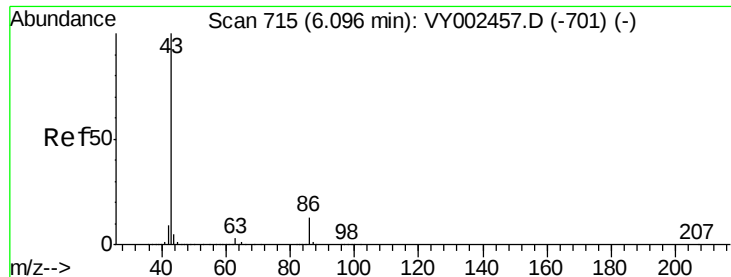
87 29.1 25.0 37.6

59 11.0 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: 102.777 ug/l

RT: 6.10 min Scan# 715

Delta R.T. -0.00 min

Lab File: VY002456.D

Acq: 23 Apr 2020 12:04

Instrument :

MSVOA_Y

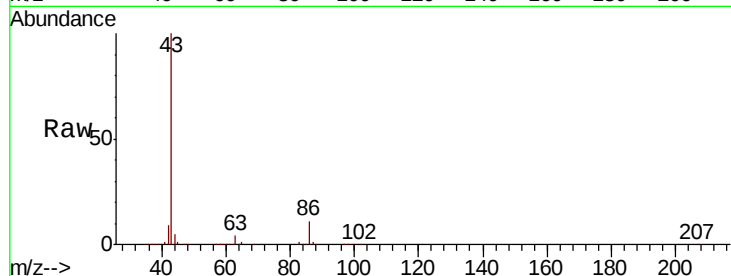
ClientSampled :

Tot Ion: 43 Resp: 453135

Ion Ratio Lower Upper

43 100

86 11.5 10.2 15.4



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

6.10

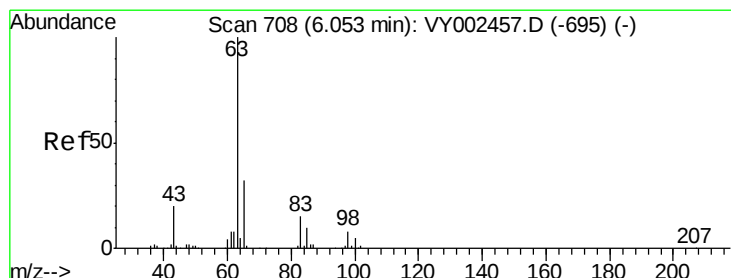
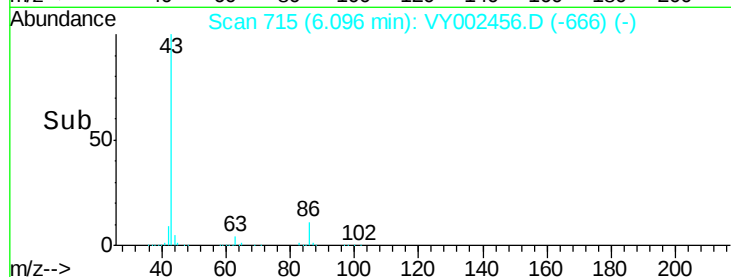
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 19.557 ug/l

RT: 6.05 min Scan# 708

Delta R.T. -0.00 min

Lab File: VY002456.D

Acq: 23 Apr 2020 12:04

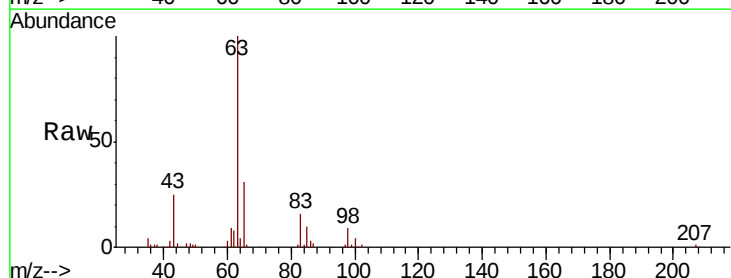
Tgt Ion: 63 Resp: 83349

Ion Ratio Lower Upper

63 100

98 9.0 4.1 12.3

100 4.4 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

6.05

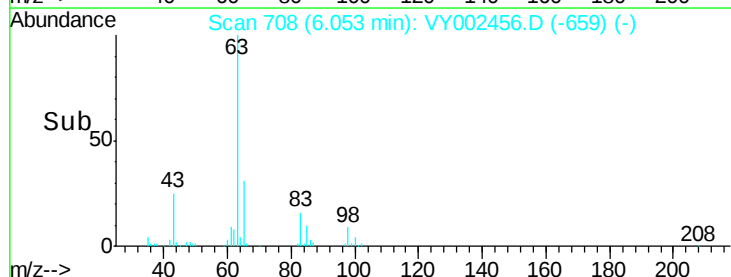
30000

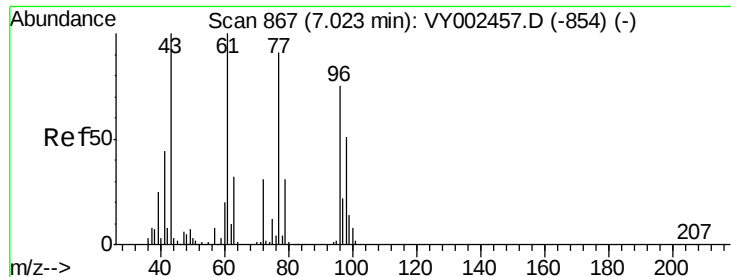
20000

10000

0

Time-->





#25

2-Butanone

Concen: 102.133 ug/l

RT: 7.02 min Scan# 867

Delta R.T. -0.00 min

Lab File: VY002456.D

Acq: 23 Apr 2020 12:04

Instrument :

MSVOA_Y

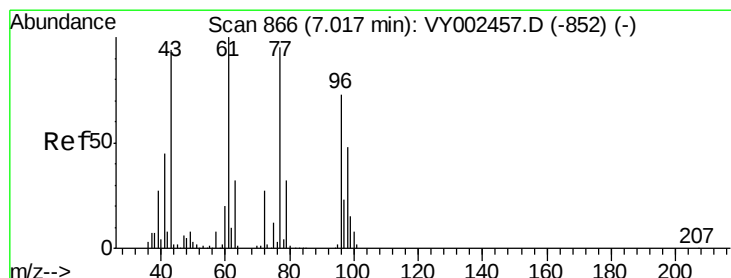
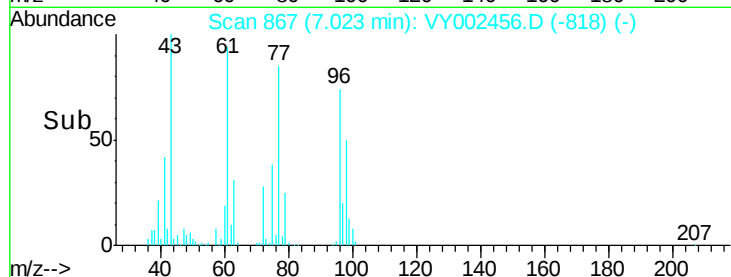
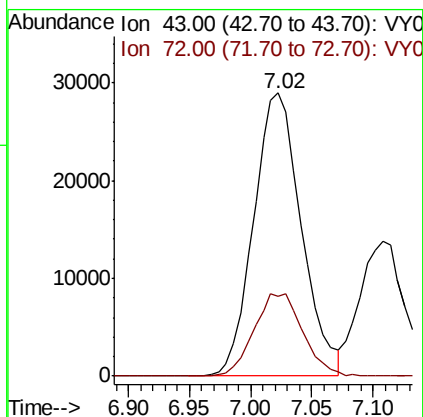
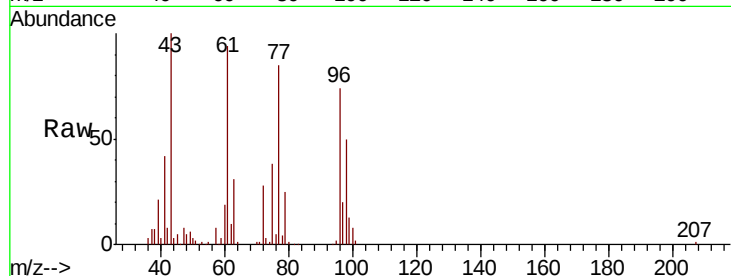
ClientSampleId :

Tot Ion: 43 Resp: 78867

Ion Ratio Lower Upper

43 100

72 28.3 24.8 37.2



#26

2,2-Dichloropropane

Concen: 19.622 ug/l

RT: 7.02 min Scan# 866

Delta R.T. -0.00 min

Lab File: VY002456.D

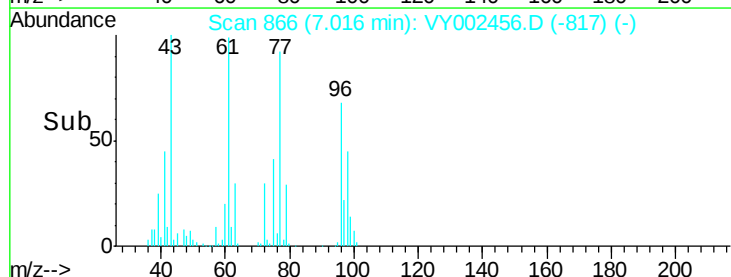
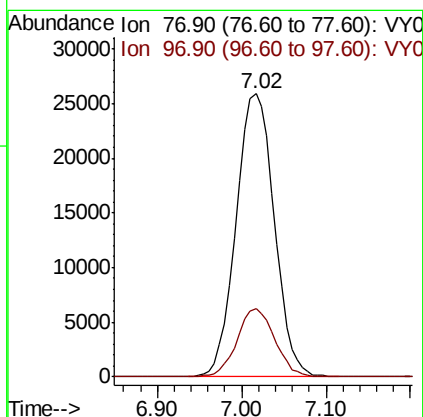
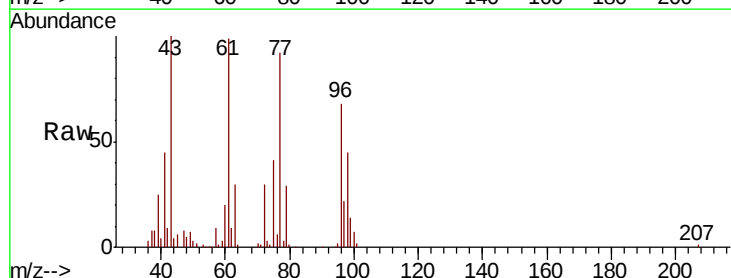
Acq: 23 Apr 2020 12:04

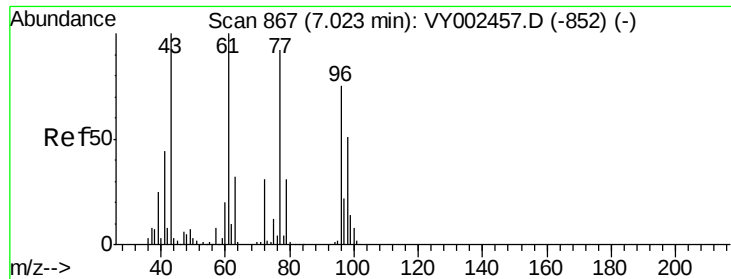
Tgt Ion: 77 Resp: 79557

Ion Ratio Lower Upper

77 100

97 23.9 12.0 36.0



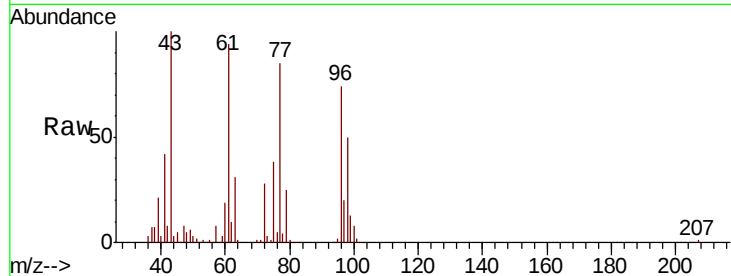


#27

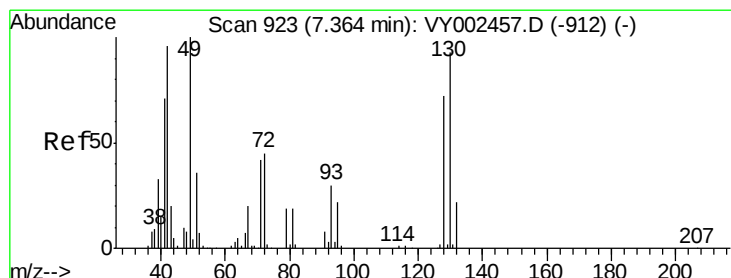
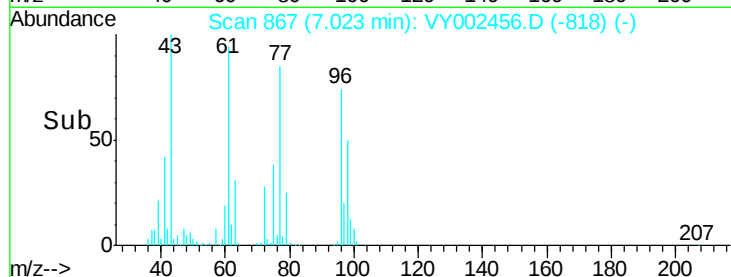
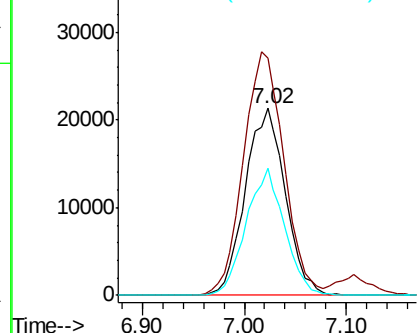
cis-1,2-Dichloroethene
Concen: 19.670 ug/l
RT: 7.02 min Scan# 867
Delta R.T. -0.00 min
Lab File: VY002456.D
Acq: 23 Apr 2020 12:04

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 96 Resp: 58202
Ion Ratio Lower Upper
96 100
61 132.1 0.0 262.6
98 64.9 0.0 131.0



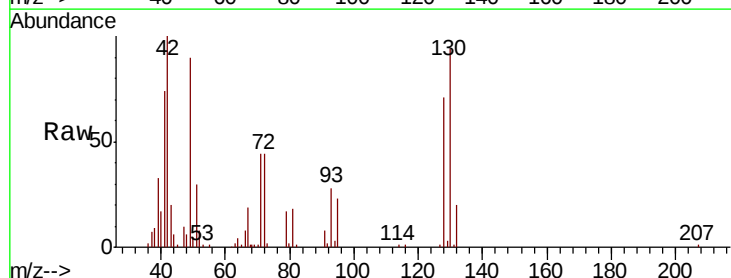
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



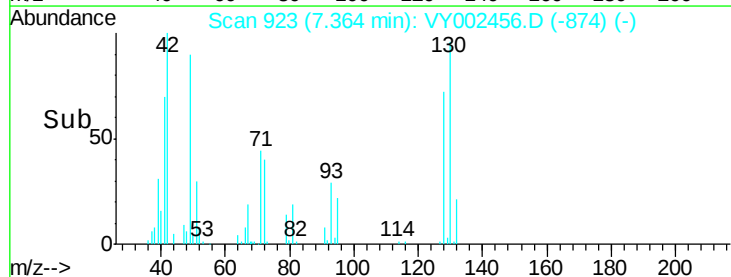
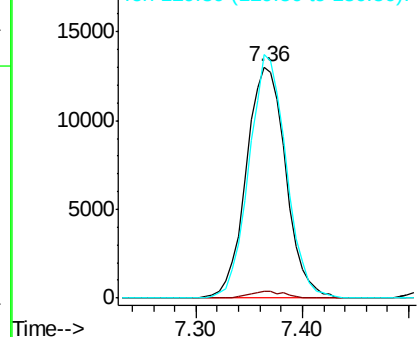
#28

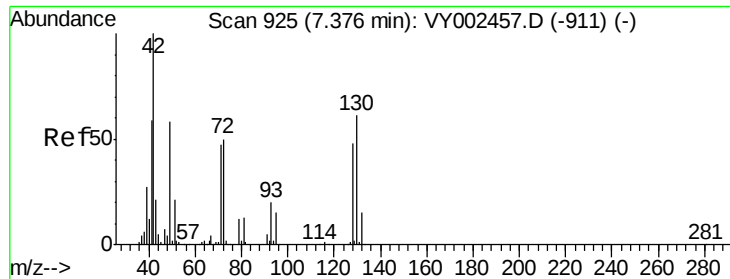
Bromochloromethane
Concen: 20.245 ug/l
RT: 7.36 min Scan# 923
Delta R.T. -0.00 min
Lab File: VY002456.D
Acq: 23 Apr 2020 12:04

Tgt Ion: 49 Resp: 33914
Ion Ratio Lower Upper
49 100
129 2.5 0.0 5.6
130 99.1 76.3 114.5



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

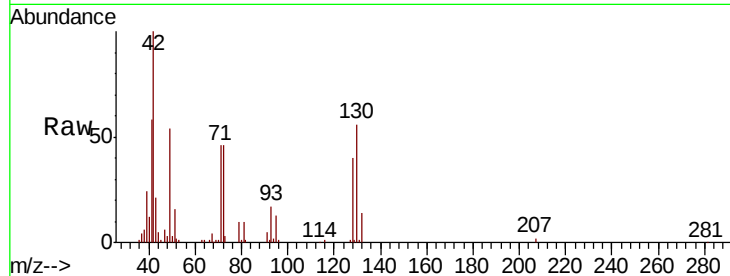




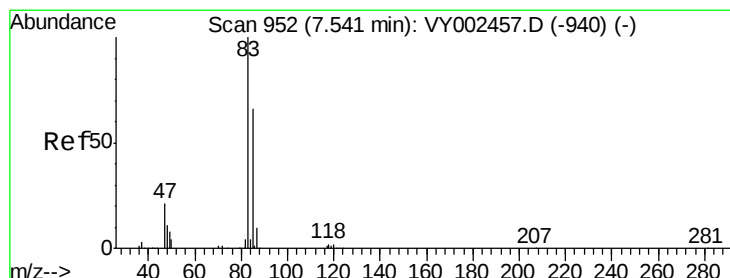
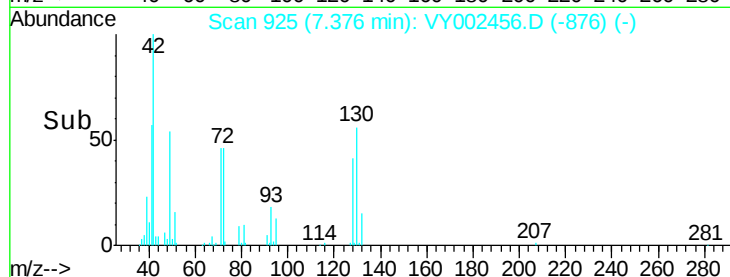
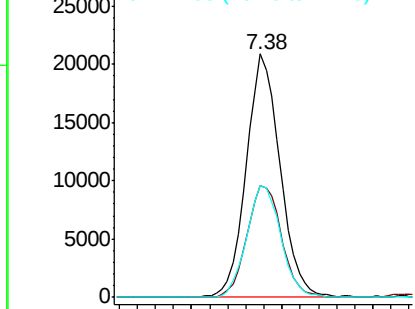
#29
Tetrahydrofuran
Concen: 104.857 ug/l
RT: 7.38 min Scan# 925
Delta R.T. -0.00 min
Lab File: VY002456.D
Acq: 23 Apr 2020 12:04

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 42 Resp: 53922
Ion Ratio Lower Upper
42 100
72 47.3 39.5 59.3
71 46.3 37.6 56.4

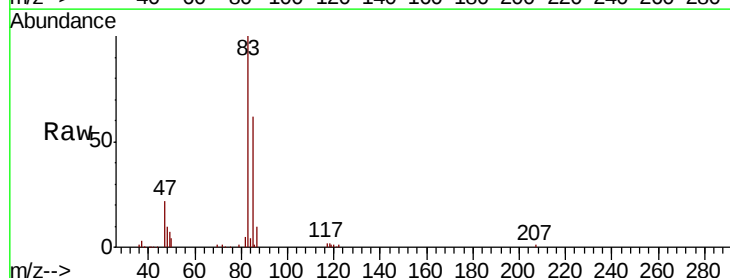


Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

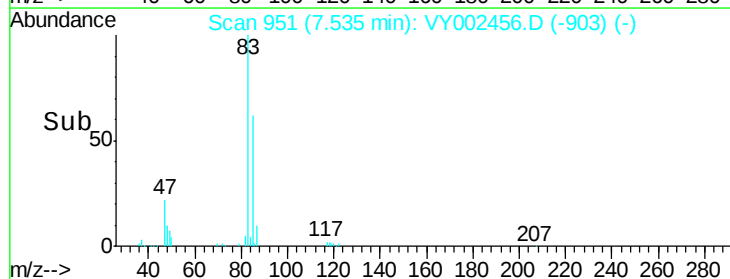
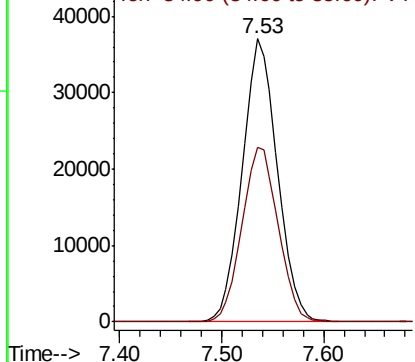


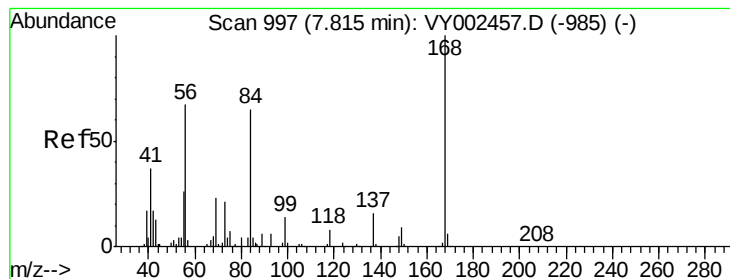
#30
Chloroform
Concen: 19.581 ug/l
RT: 7.53 min Scan# 951
Delta R.T. -0.01 min
Lab File: VY002456.D
Acq: 23 Apr 2020 12:04

Tgt Ion: 83 Resp: 88669
Ion Ratio Lower Upper
83 100
85 61.6 52.4 78.6



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





#31

Cyclohexane

Concen: 18.735 ug/l

RT: 7.82 min Scan# 997

Delta R.T. -0.00 min

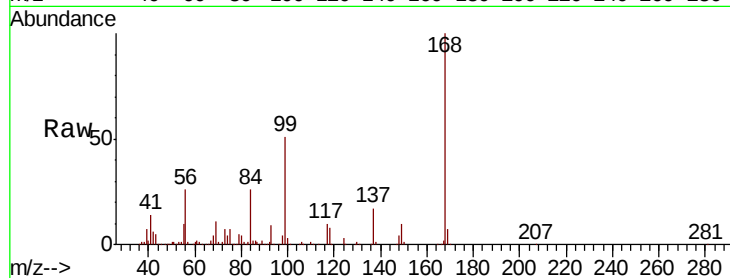
Lab File: VY002456.D

Acq: 23 Apr 2020 12:04

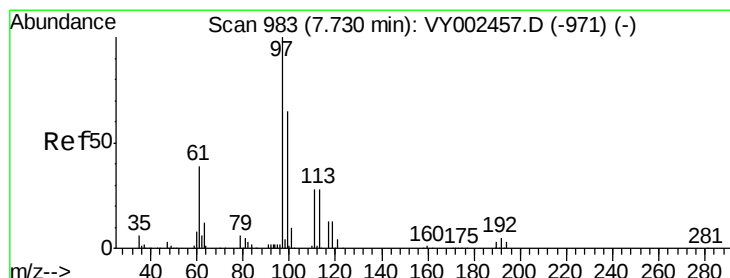
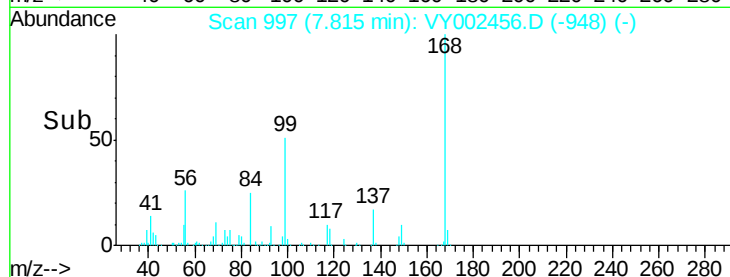
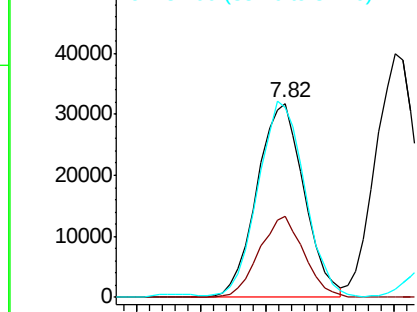
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 56 Resp: 80873

Ion	Ratio	Lower	Upper
56	100		
69	41.8	27.0	40.6#
84	96.7	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: 19.700 ug/l

RT: 7.73 min Scan# 983

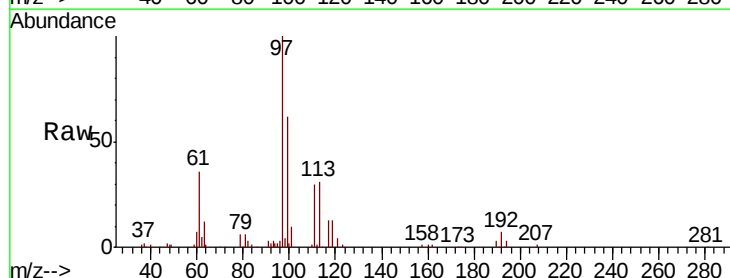
Delta R.T. -0.00 min

Lab File: VY002456.D

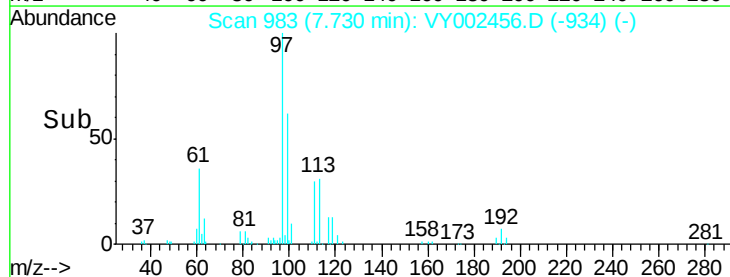
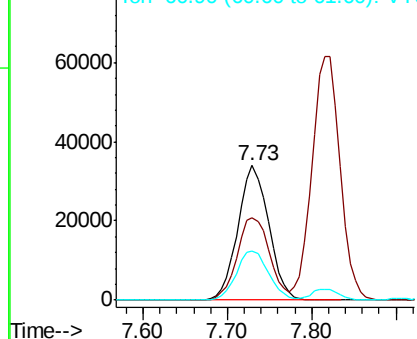
Acq: 23 Apr 2020 12:04

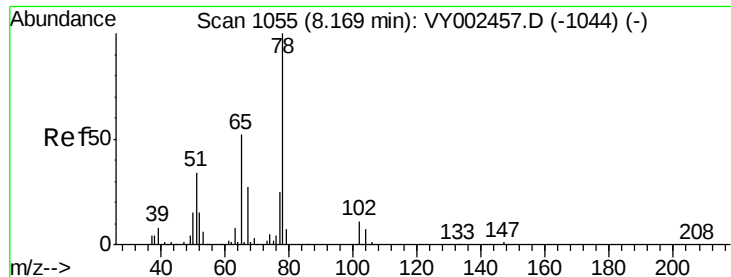
Tgt Ion: 97 Resp: 83752

Ion	Ratio	Lower	Upper
97	100		
99	64.7	51.6	77.4
61	38.4	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: 20.125 ug/l

RT: 8.17 min Scan# 1055

Delta R.T. -0.00 min

Lab File: VY002456.D

Acq: 23 Apr 2020 12:04

Instrument :

MSVOA_Y

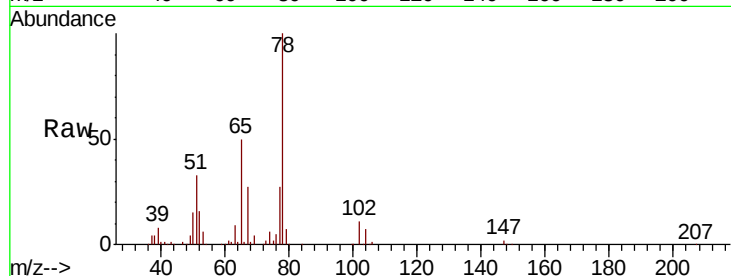
ClientSampled :

Tot Ion: 65 Resp: 49533

Ion Ratio Lower Upper

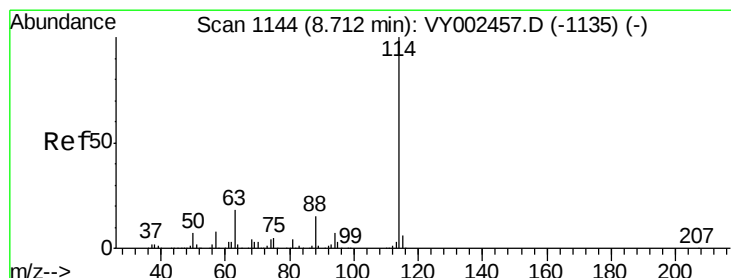
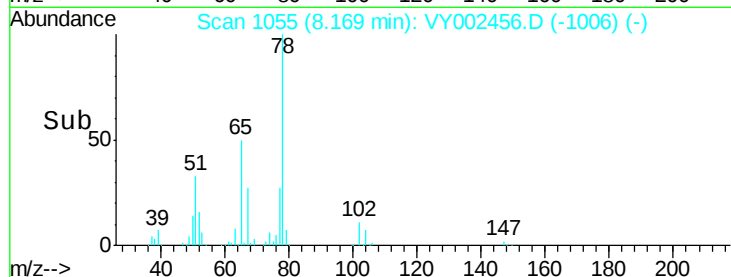
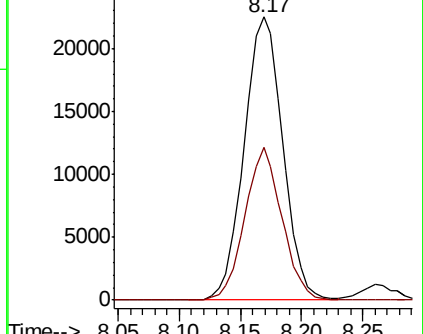
65 100

67 51.6 0.0 104.2



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1144

Delta R.T. -0.00 min

Lab File: VY002456.D

Acq: 23 Apr 2020 12:04

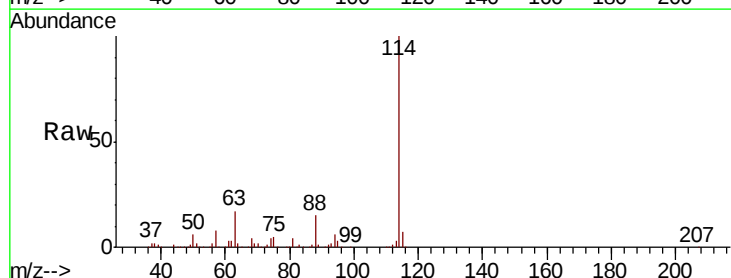
Tgt Ion: 114 Resp: 416579

Ion Ratio Lower Upper

114 100

63 16.7 0.0 35.6

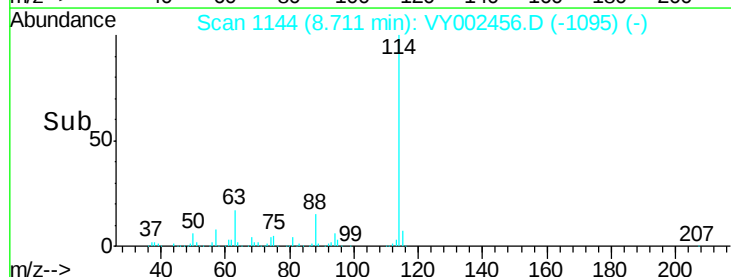
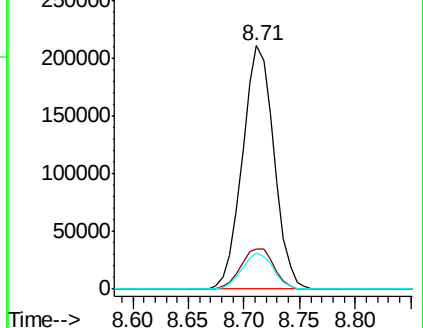
88 14.7 0.0 29.4

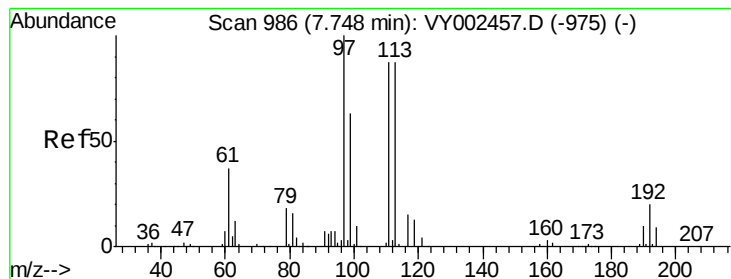


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0





#35

Dibromofluoromethane

Concen: 19.539 ug/l

RT: 7.75 min Scan# 986

Delta R.T. -0.00 min

Lab File: VY002456.D

Acq: 23 Apr 2020 12:04

Instrument :

MSVOA_Y

ClientSampleId :

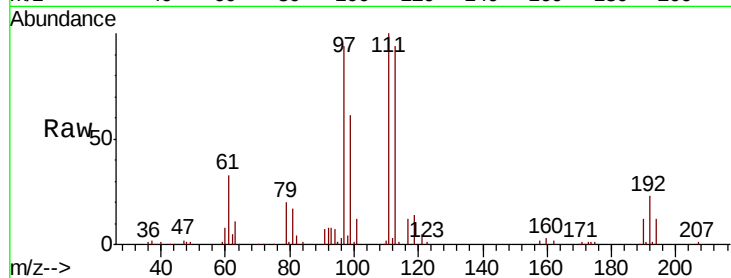
Tot Ion:113 Resp: 46069

Ion Ratio Lower Upper

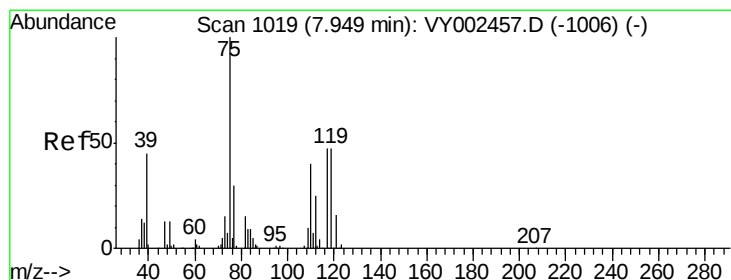
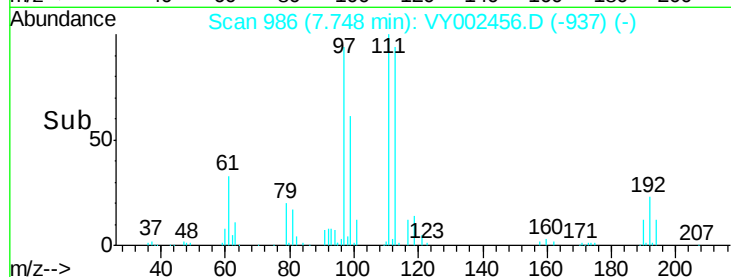
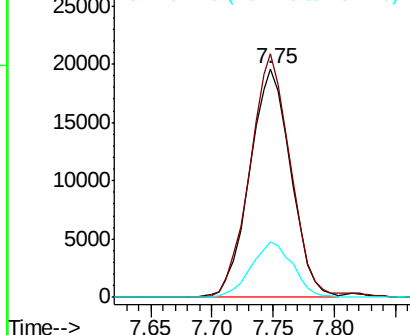
113 100

111 105.1 81.0 121.4

192 24.3 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: 19.445 ug/l

RT: 7.94 min Scan# 1018

Delta R.T. -0.01 min

Lab File: VY002456.D

Acq: 23 Apr 2020 12:04

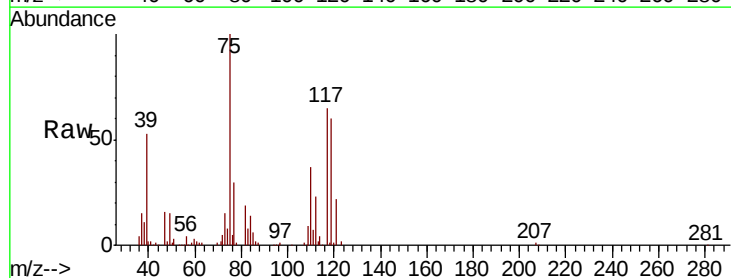
Tgt Ion: 75 Resp: 69521

Ion Ratio Lower Upper

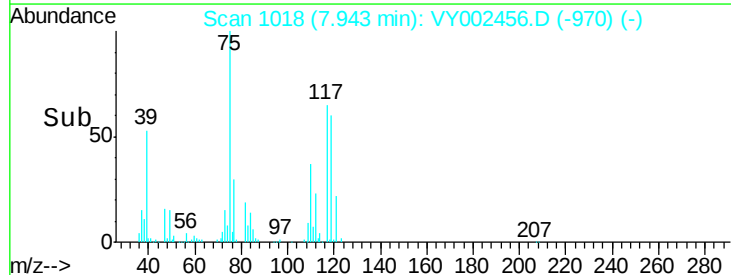
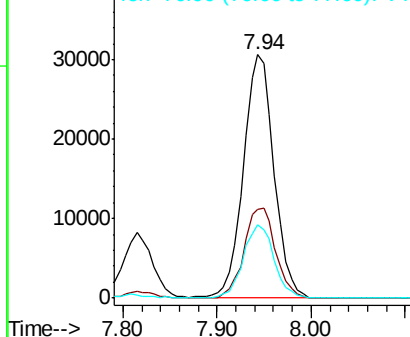
75 100

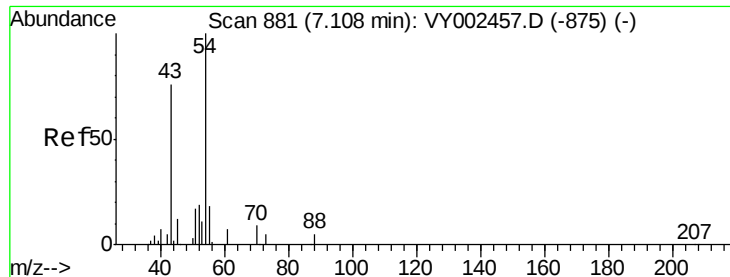
110 38.2 19.4 58.4

77 30.4 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

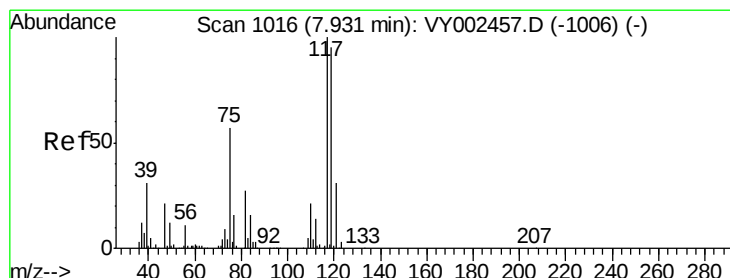
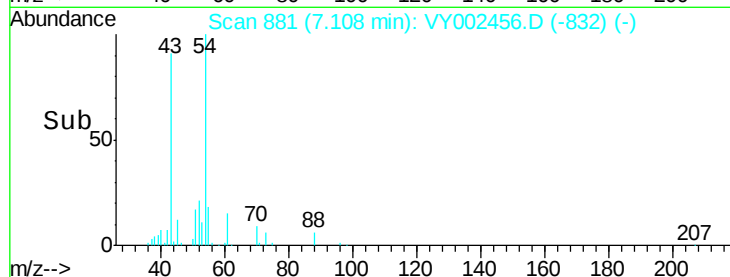
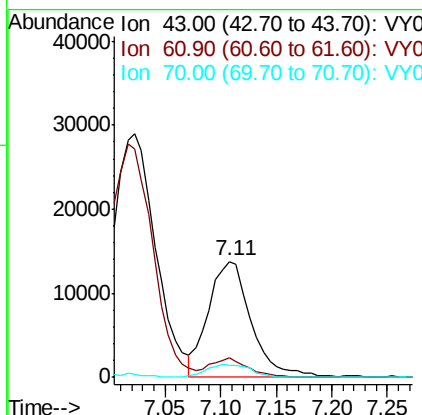
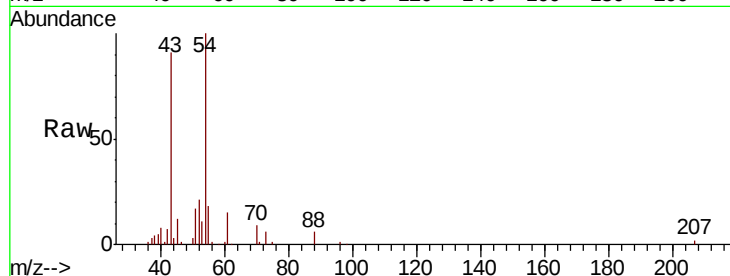




#37
Ethyl Acetate
Concen: 20.631 ug/l
RT: 7.11 min Scan# 881
Delta R.T. -0.00 min
Lab File: VY002456.D
Acq: 23 Apr 2020 12:04

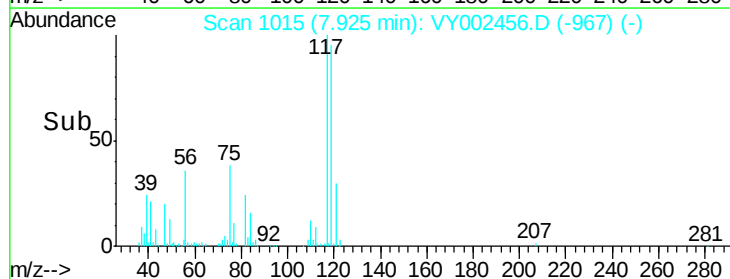
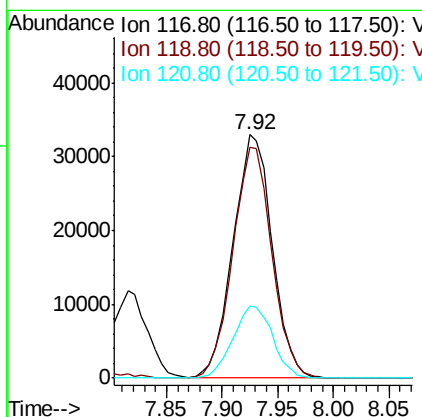
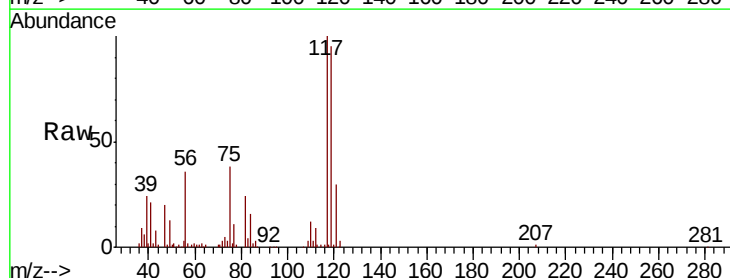
Instrument :
MSVOA_Y
ClientSampleId :

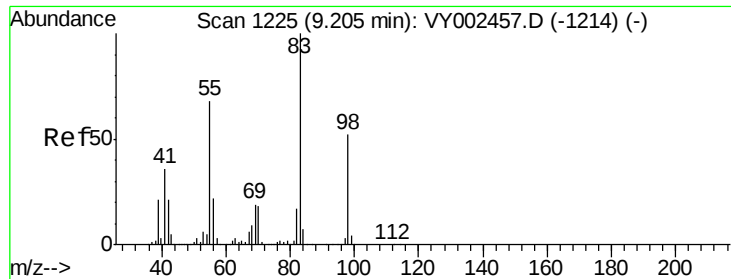
Tot Ion: 43 Resp: 36377
Ion Ratio Lower Upper
43 100
61 15.1 11.8 17.8
70 11.7 9.3 13.9



#38
Carbon Tetrachloride
Concen: 19.718 ug/l
RT: 7.92 min Scan# 1015
Delta R.T. -0.01 min
Lab File: VY002456.D
Acq: 23 Apr 2020 12:04

Tgt Ion: 117 Resp: 80586
Ion Ratio Lower Upper
117 100
119 95.0 75.9 113.9
121 29.7 24.5 36.7

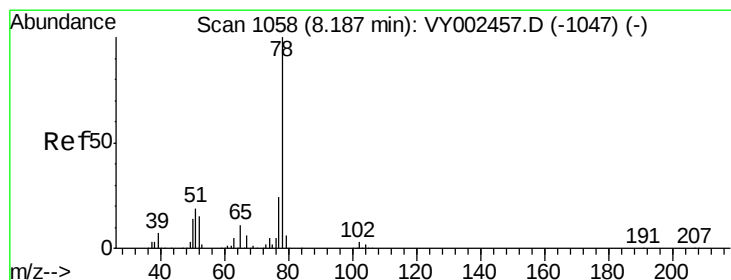
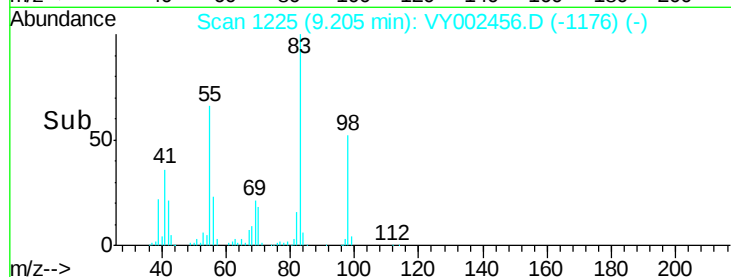
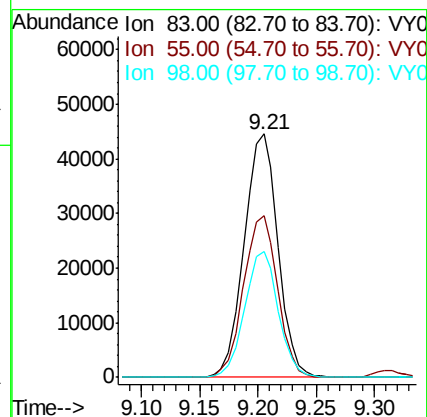
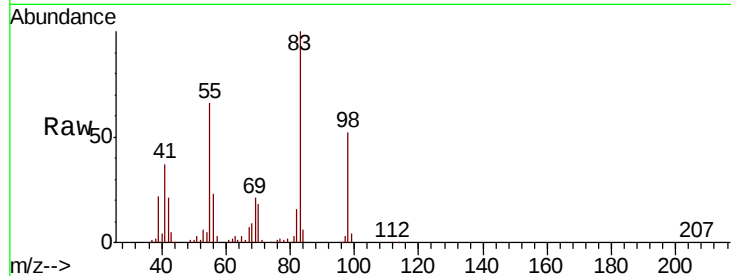




#39
Methvlcvclohexane
Concen: 19.429 ug/l
RT: 9.21 min Scan# 1225
Delta R.T. -0.00 min
Lab File: VY002456.D
Acq: 23 Apr 2020 12:04

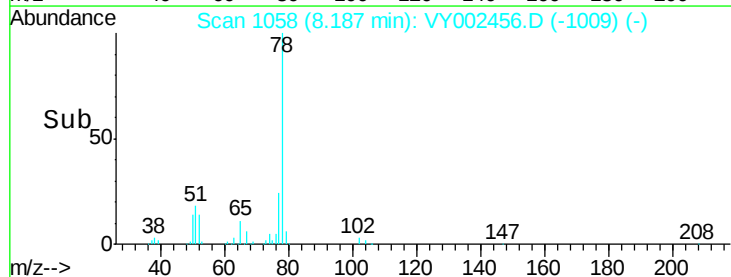
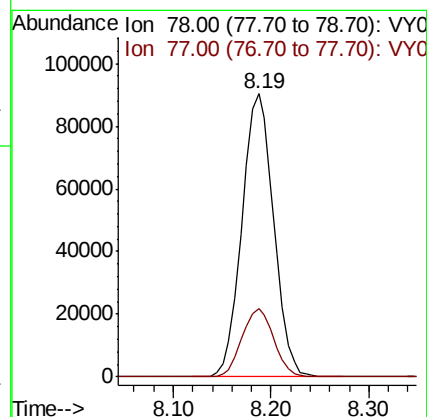
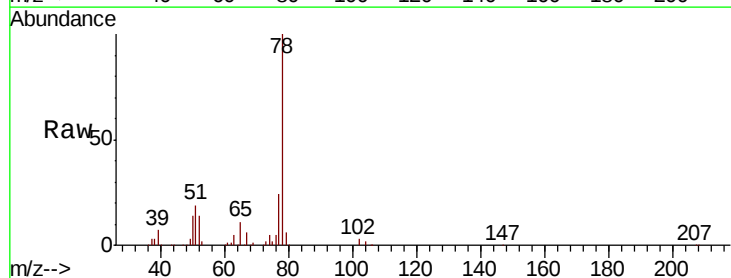
Instrument :
MSVOA_Y
ClientSampled :

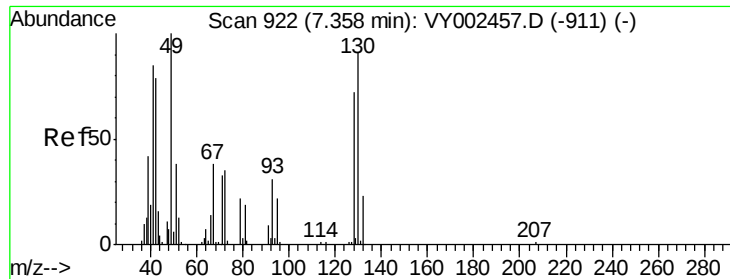
Tot Ion: 83 Resp: 90257
Ion Ratio Lower Upper
83 100
55 66.4 54.2 81.2
98 51.7 41.9 62.9



#40
Benzene
Concen: 19.637 ug/l
RT: 8.19 min Scan# 1058
Delta R.T. -0.00 min
Lab File: VY002456.D
Acq: 23 Apr 2020 12:04

Tgt Ion: 78 Resp: 202598
Ion Ratio Lower Upper
78 100
77 23.9 19.4 29.0

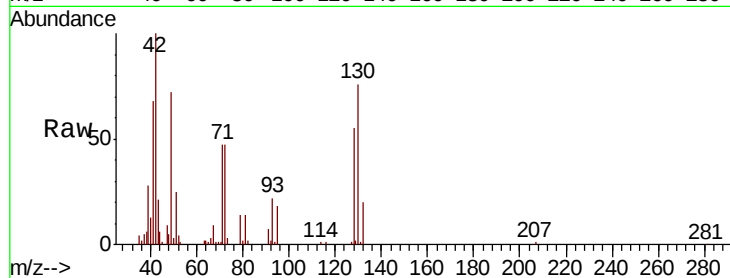




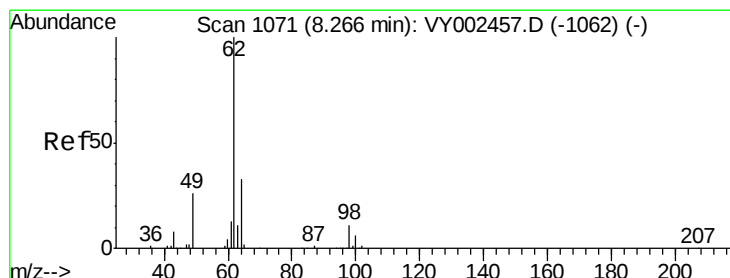
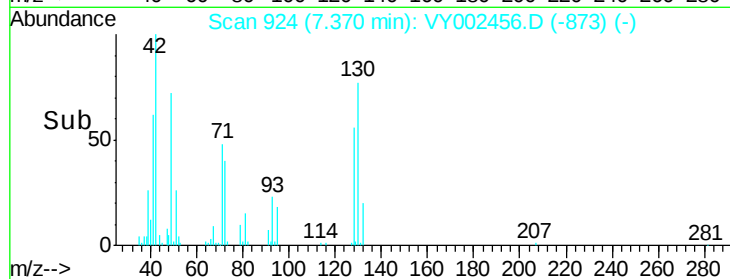
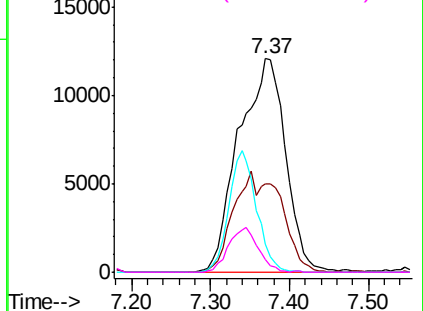
#41
Methacrylonitrile
Concen: 23.403 ug/l
RT: 7.37 min Scan# 924
Delta R.T. 0.01 min
Lab File: VY002456.D
Acq: 23 Apr 2020 12:04

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:	41	Resp:	49678
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

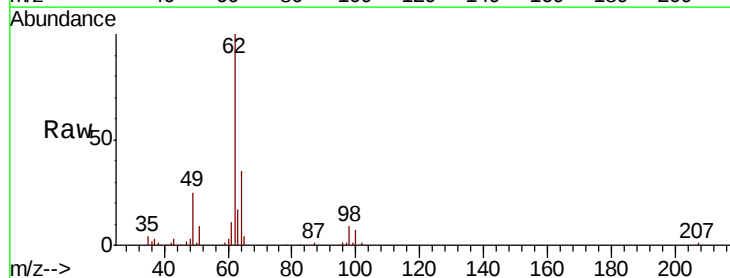


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

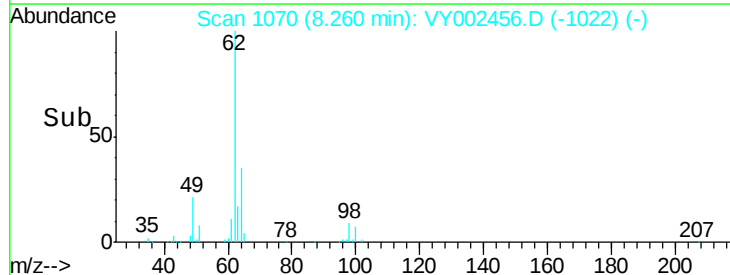
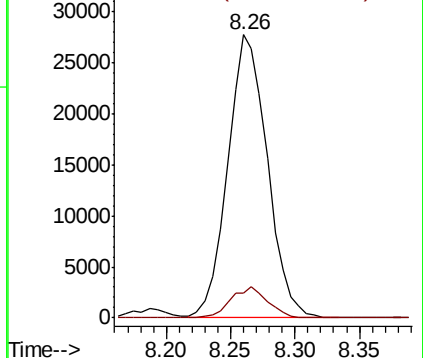


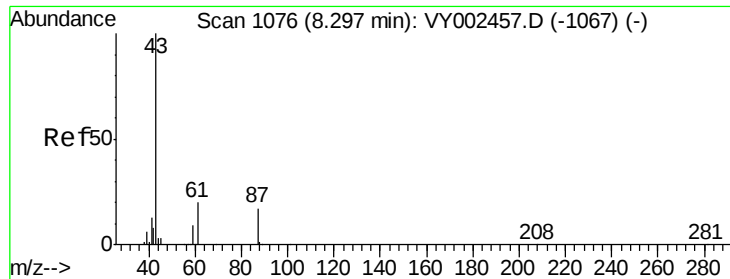
#42
1,2-Dichloroethane
Concen: 19.805 ug/l
RT: 8.26 min Scan# 1070
Delta R.T. -0.01 min
Lab File: VY002456.D
Acq: 23 Apr 2020 12:04

Tgt Ion:	62	Resp:	59143
Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	20.6



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

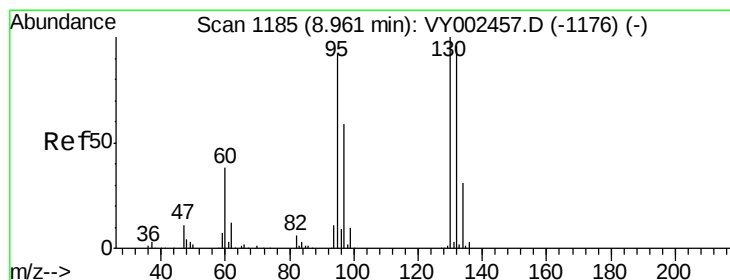
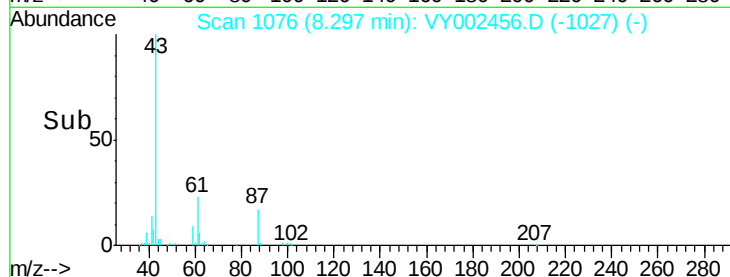
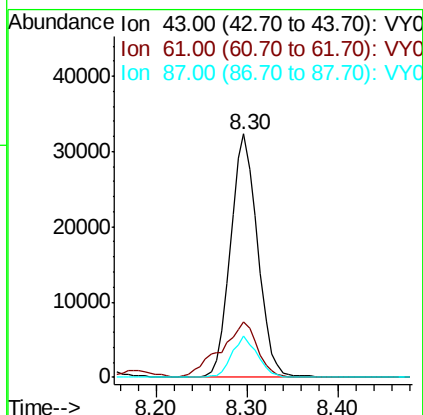
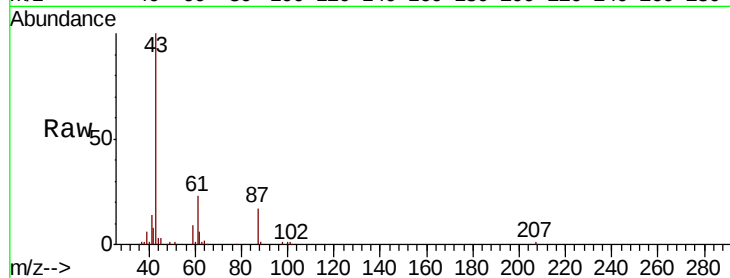




#43
Isopropyl Acetate
Concen: 20.288 ug/l
RT: 8.30 min Scan# 1076
Delta R.T. -0.00 min
Lab File: VY002456.D
Acq: 23 Apr 2020 12:04

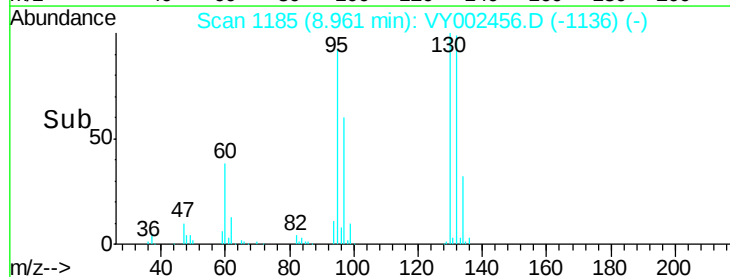
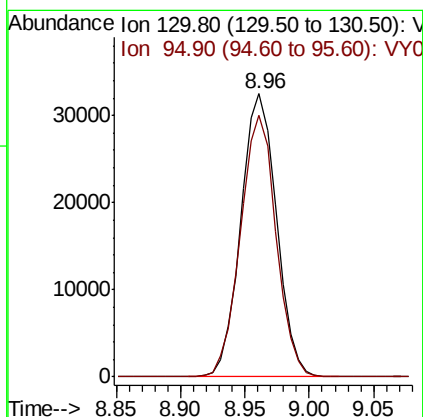
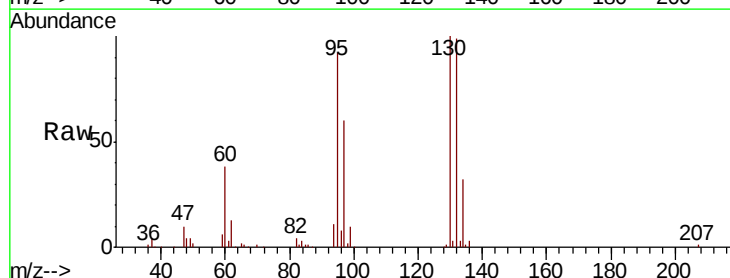
Instrument :
MSVOA_Y
ClientSampleId :

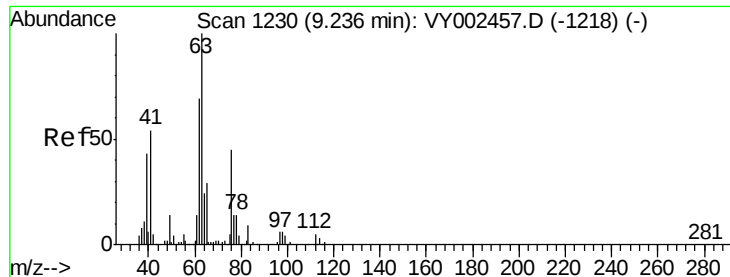
Tot Ion	43	Resp	66749
Ion Ratio	Lower	Upper	
43	100		
61	30.7	25.0	37.4
87	16.0	13.0	19.4



#44
Trichloroethene
Concen: 19.331 ug/l
RT: 8.96 min Scan# 1185
Delta R.T. -0.00 min
Lab File: VY002456.D
Acq: 23 Apr 2020 12:04

Tgt Ion	130	Resp	62519
Ion Ratio	Lower	Upper	
130	100		
95	92.2	0.0	184.2

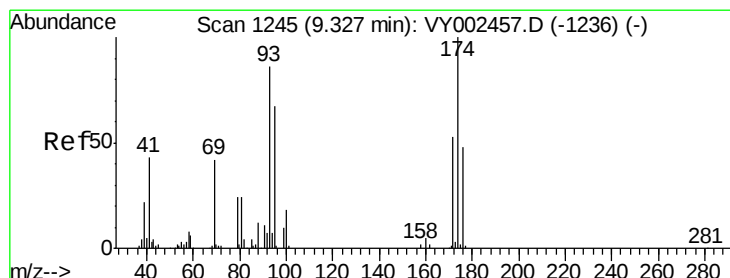
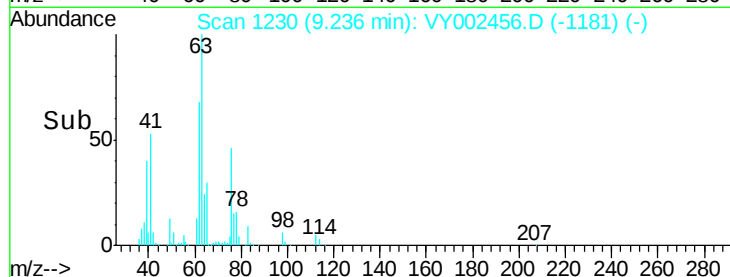
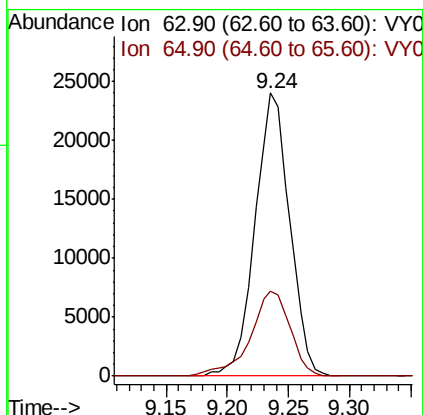
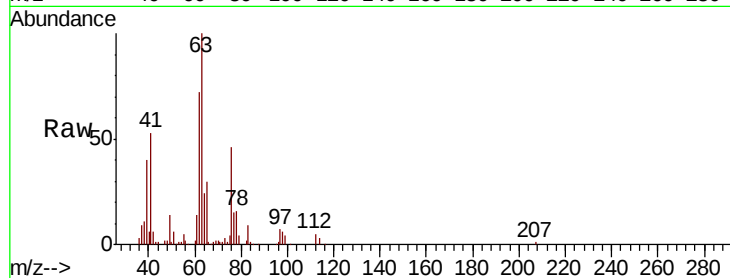




#45
 1,2-Dichloropropane
 Concen: 19.947 ug/l
 RT: 9.24 min Scan# 1230
 Delta R.T. -0.00 min
 Lab File: VY002456.D
 Acq: 23 Apr 2020 12:04

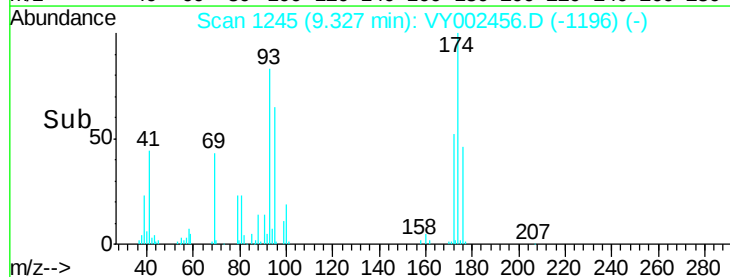
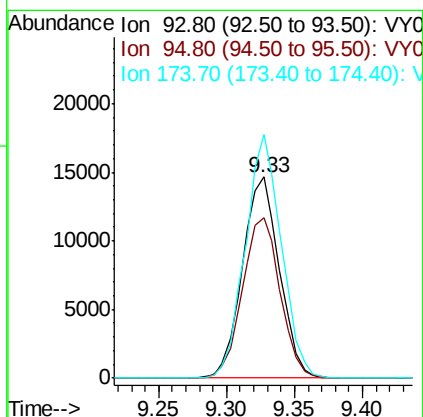
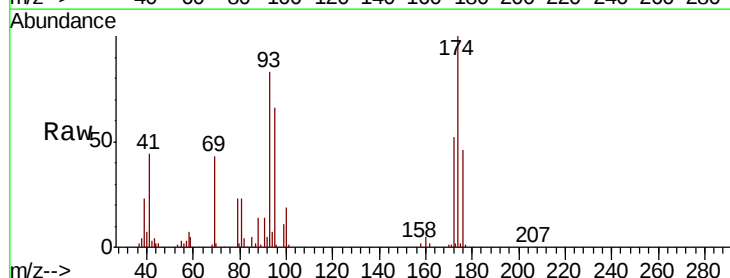
Instrument :
 MSVOA_Y
 ClientSampled :

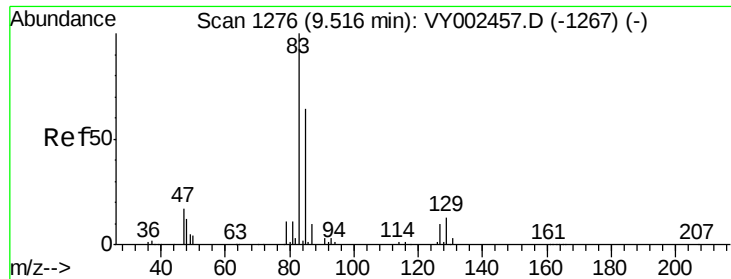
Tot Ion: 63 Resp: 47491
 Ion Ratio Lower Upper
 63 100
 65 30.1 23.4 35.0



#46
 Dibromomethane
 Concen: 20.168 ug/l
 RT: 9.33 min Scan# 1245
 Delta R.T. -0.00 min
 Lab File: VY002456.D
 Acq: 23 Apr 2020 12:04

Tgt Ion: 93 Resp: 27863
 Ion Ratio Lower Upper
 93 100
 95 81.4 65.4 98.0
 174 118.1 94.8 142.2





#47

Bromodichloromethane

Concen: 19.686 ug/l

RT: 9.52 min Scan# 1276

Delta R.T. -0.00 min

Lab File: VY002456.D

Acq: 23 Apr 2020 12:04

Instrument :

MSVOA_Y

ClientSampleId :

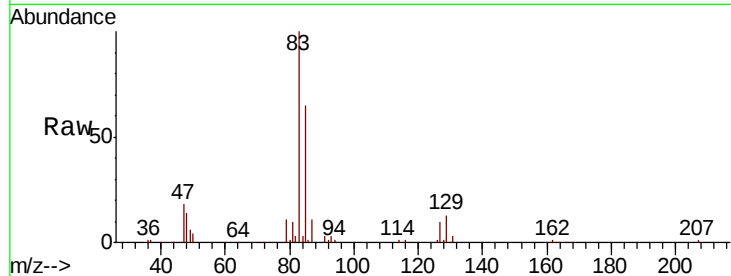
Tot Ion: 83 Resp: 68171

Ion Ratio Lower Upper

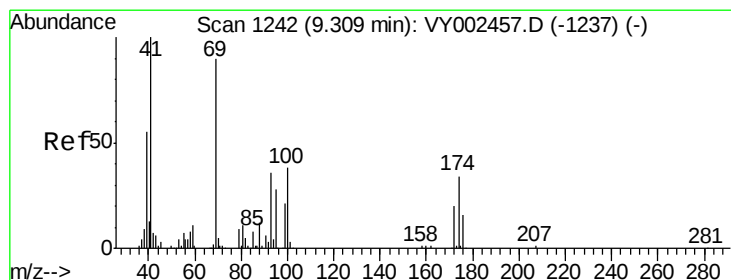
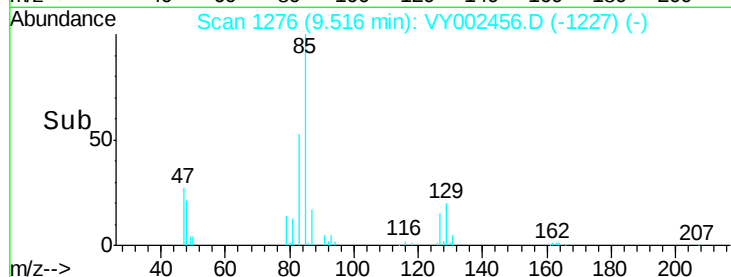
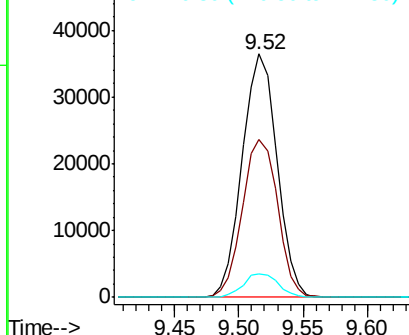
83 100

85 64.9 51.2 76.8

127 9.6 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): V



#48

Methyl methacrylate

Concen: 20.105 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. -0.00 min

Lab File: VY002456.D

Acq: 23 Apr 2020 12:04

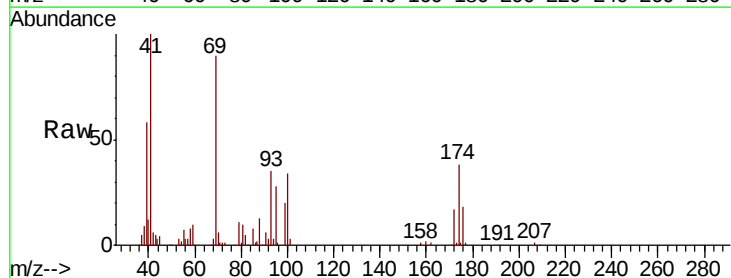
Tgt Ion: 41 Resp: 30137

Ion Ratio Lower Upper

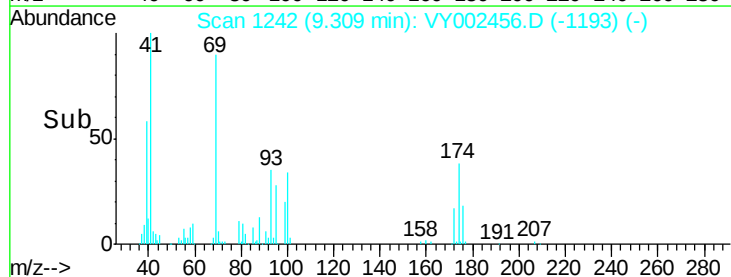
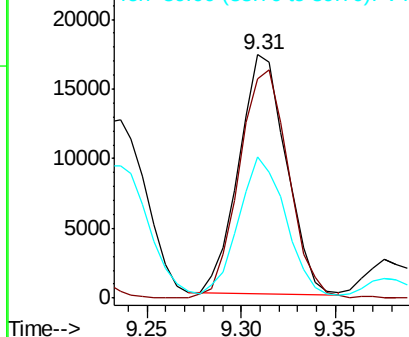
41 100

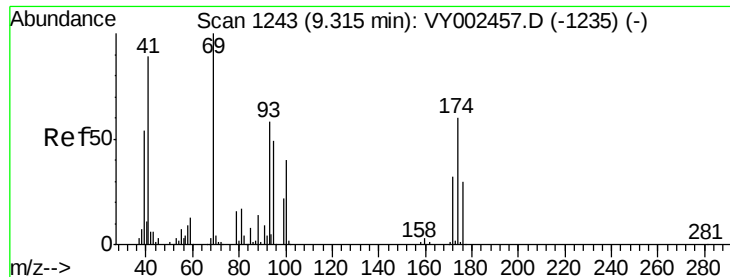
69 99.0 77.9 116.9

39 56.9 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

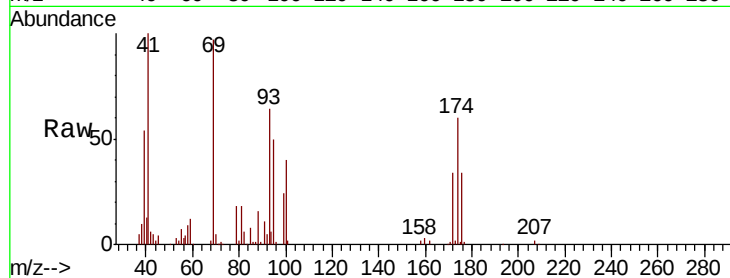




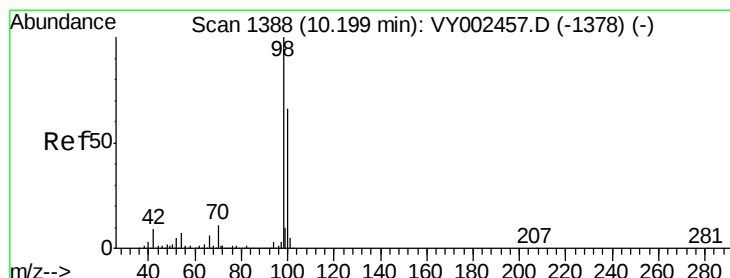
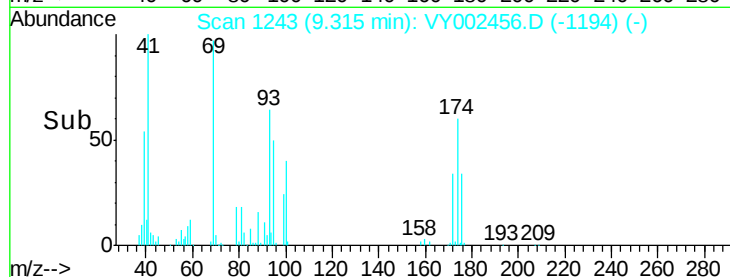
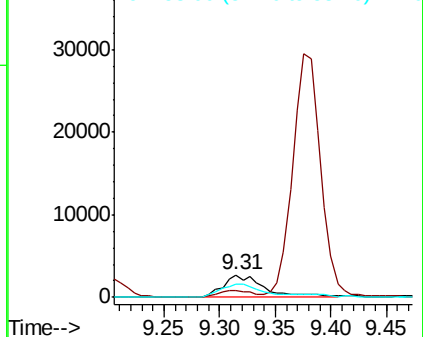
#49
1,4-Dioxane
Concen: 400.901 ug/l
RT: 9.31 min Scan# 1243
Delta R.T. -0.00 min
Lab File: VY002456.D
Acq: 23 Apr 2020 12:04

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 88 Resp: 6968
Ion Ratio Lower Upper
88 100
43 26.1 22.9 34.3
58 58.4 49.5 74.3

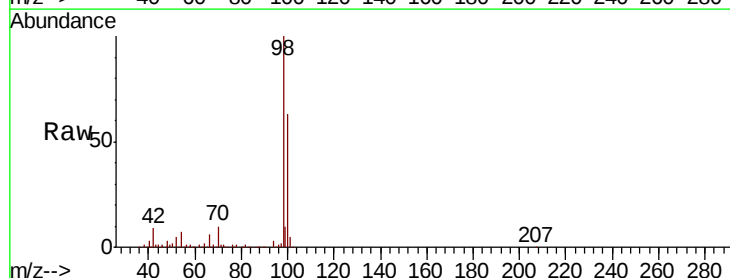


Abundance Ion 88.00 (87.70 to 88.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0

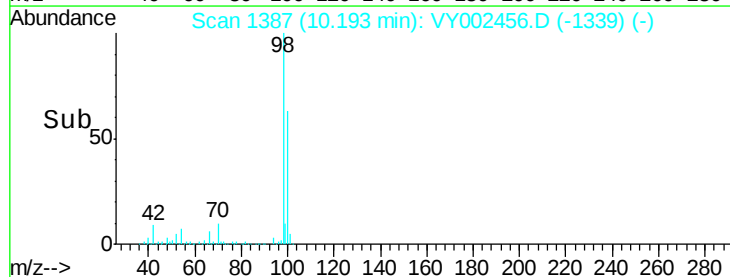
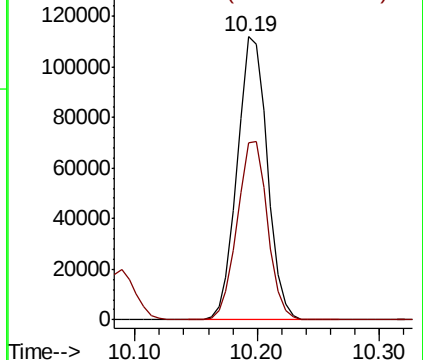


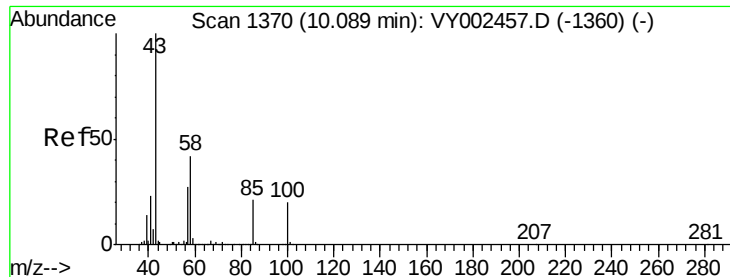
#50
Toluene-d8
Concen: 20.076 ug/l
RT: 10.19 min Scan# 1387
Delta R.T. -0.01 min
Lab File: VY002456.D
Acq: 23 Apr 2020 12:04

Tgt Ion: 98 Resp: 190743
Ion Ratio Lower Upper
98 100
100 63.5 51.1 76.7



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

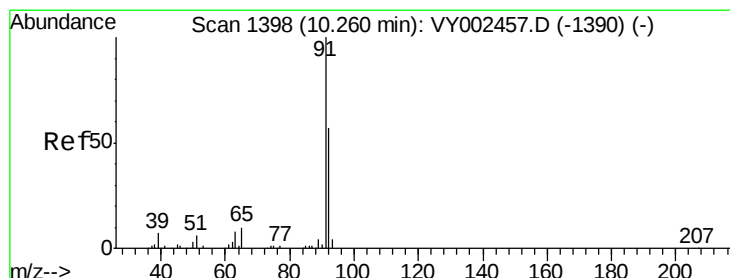
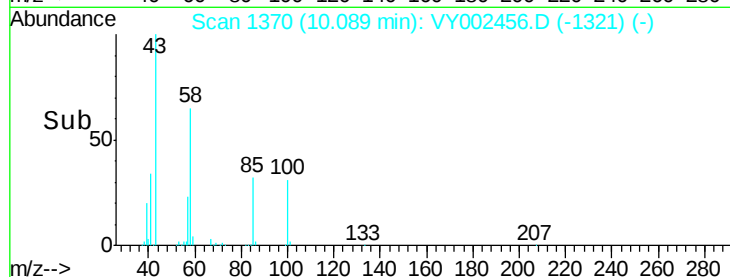
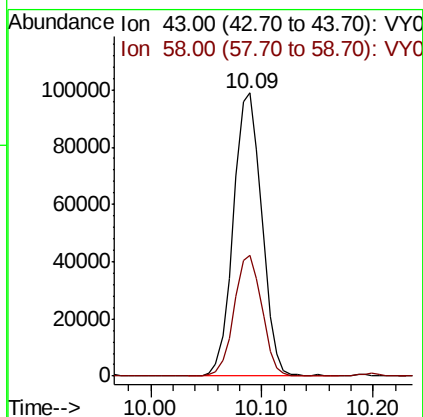
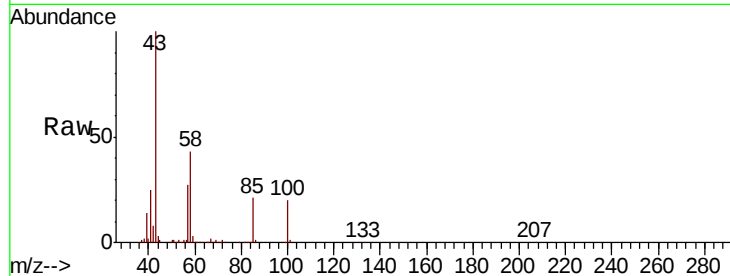




#51
4-Methyl-2-Pentanone
Concen: 102.466 ug/l
RT: 10.09 min Scan# 1370
Delta R.T. -0.00 min
Lab File: VY002456.D
Acq: 23 Apr 2020 12:04

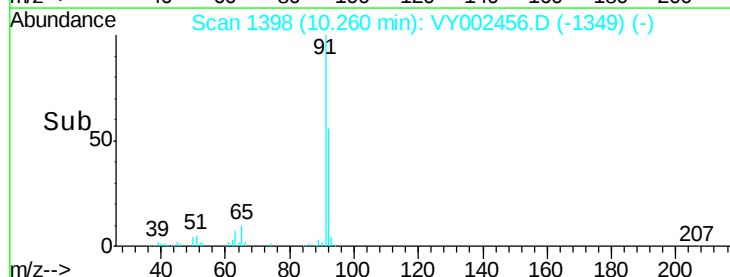
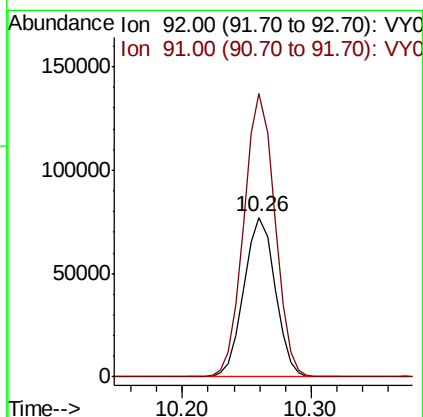
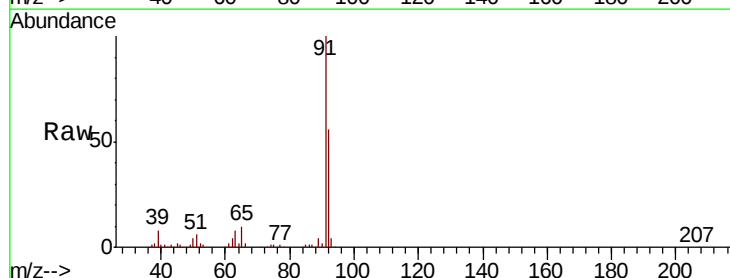
Instrument :
MSVOA_Y
ClientSampled :

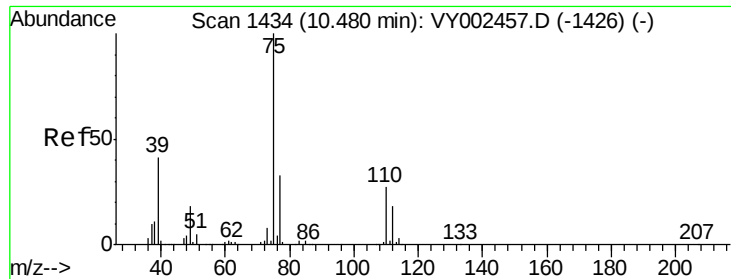
Tot Ion: 43 Resp: 174707
Ion Ratio Lower Upper
43 100
58 41.9 33.2 49.8



#52
Toluene
Concen: 19.530 ug/l
RT: 10.26 min Scan# 1398
Delta R.T. -0.00 min
Lab File: VY002456.D
Acq: 23 Apr 2020 12:04

Tgt Ion: 92 Resp: 129198
Ion Ratio Lower Upper
92 100
91 176.3 140.2 210.2





#53

t-1,3-Dichloropropene

Concen: 20.007 ug/l

RT: 10.48 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VY002456.D

Acq: 23 Apr 2020 12:04

Instrument :

MSVOA_Y

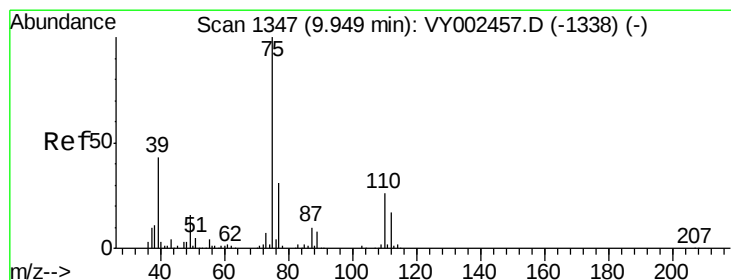
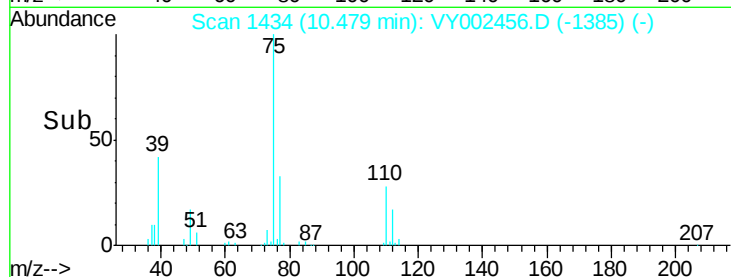
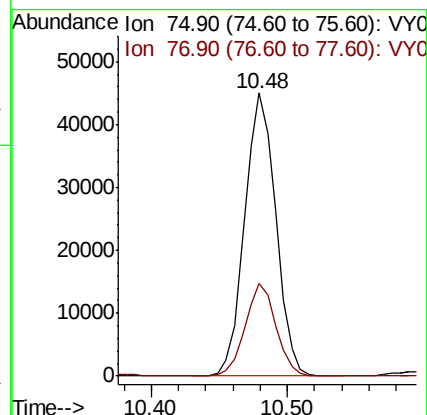
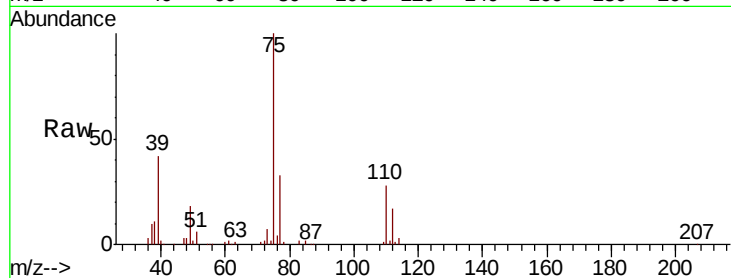
ClientSampleId :

Tot Ion: 75 Resp: 72059

Ion Ratio Lower Upper

75 100

77 32.7 26.4 39.6



#54

cis-1,3-Dichloropropene

Concen: 19.862 ug/l

RT: 9.95 min Scan# 1347

Delta R.T. -0.00 min

Lab File: VY002456.D

Acq: 23 Apr 2020 12:04

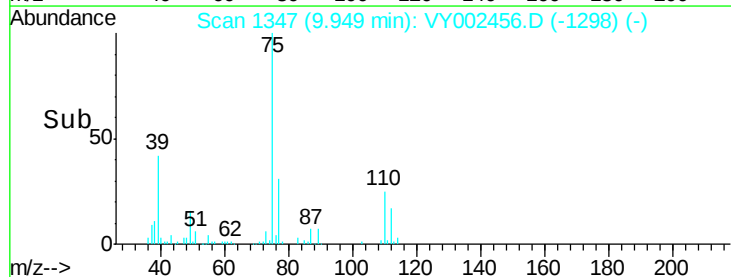
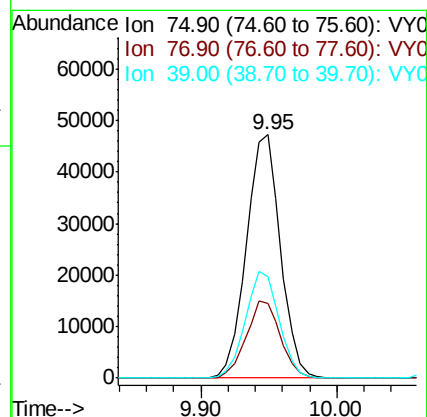
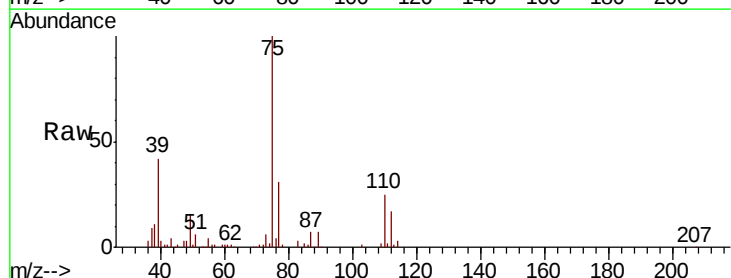
Tgt Ion: 75 Resp: 82527

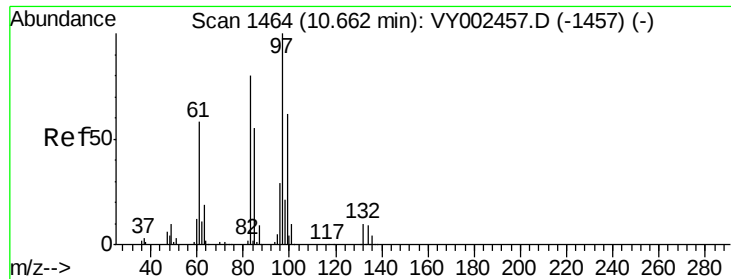
Ion Ratio Lower Upper

75 100

77 30.8 25.2 37.8

39 41.9 34.2 51.2

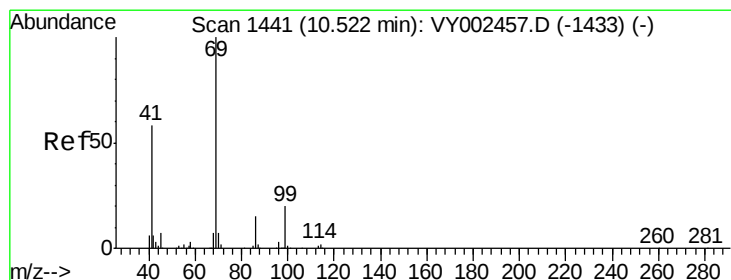
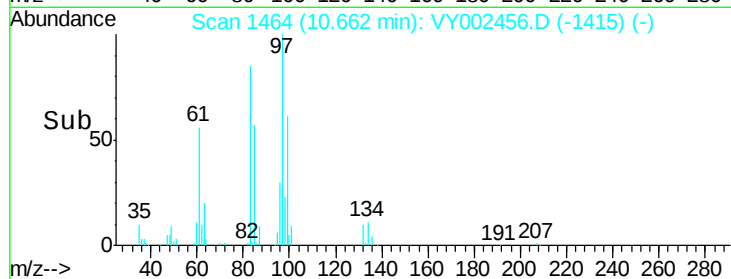
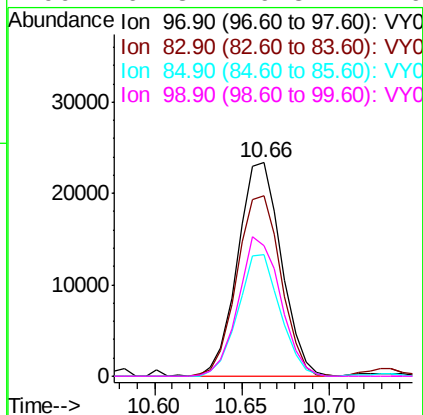
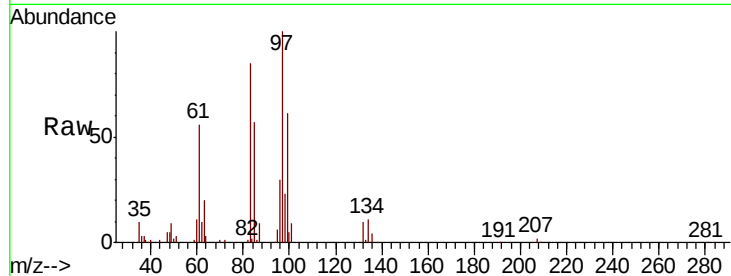




#55
 1,1,2-Trichloroethane
 Concen: 19.829 ug/l
 RT: 10.66 min Scan# 1464
 Delta R.T. -0.00 min
 Lab File: VY002456.D
 Acq: 23 Apr 2020 12:04

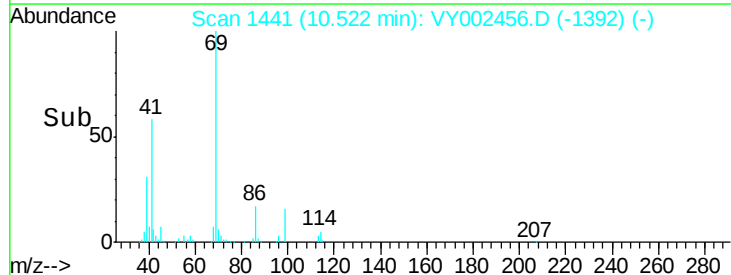
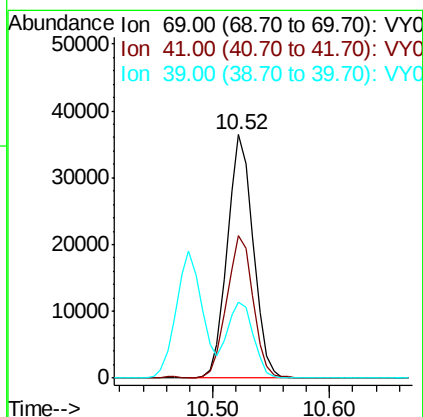
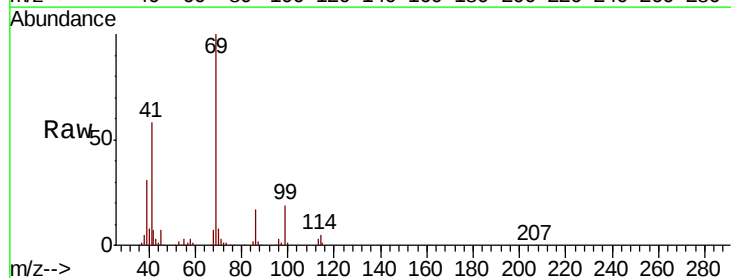
Instrument :
 MSVOA_Y
 ClientSampleId :

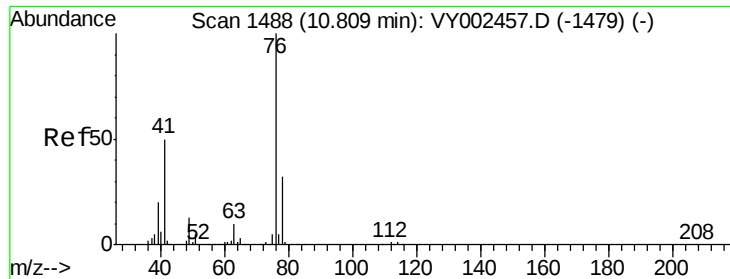
Tot Ion:	97	Resp:	40571
Ion	Ratio	Lower	Upper
97	100		
83	84.7	63.8	95.8
85	56.9	43.9	65.9
99	61.3	49.8	74.6



#56
 Ethyl methacrylate
 Concen: 20.390 ug/l
 RT: 10.52 min Scan# 1441
 Delta R.T. -0.00 min
 Lab File: VY002456.D
 Acq: 23 Apr 2020 12:04

Tgt Ion:	69	Resp:	56407
Ion	Ratio	Lower	Upper
69	100		
41	59.7	47.5	71.3
39	31.1	25.7	38.5





#57

1,3-Dichloropropane

Concen: 20.050 ug/l

RT: 10.80 min Scan# 1487

Delta R.T. -0.01 min

Lab File: VY002456.D

Acq: 23 Apr 2020 12:04

Instrument :

MSVOA_Y

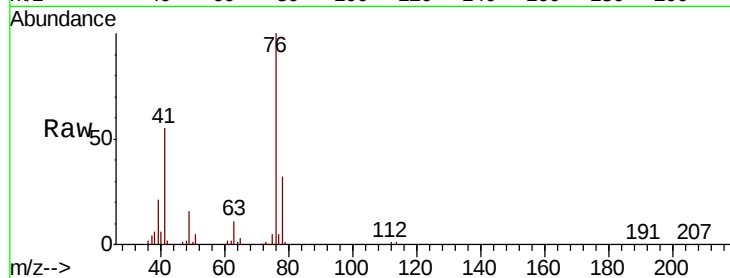
ClientSampleId :

Tot Ion: 76 Resp: 69210

Ion Ratio Lower Upper

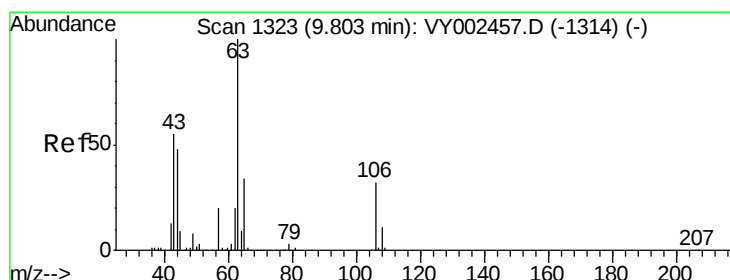
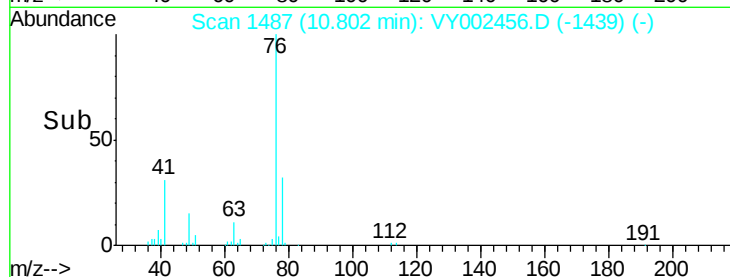
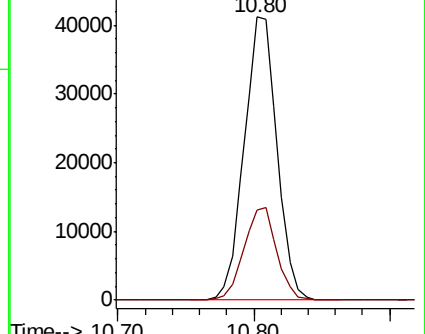
76 100

78 32.6 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: 101.756 ug/l

RT: 9.80 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VY002456.D

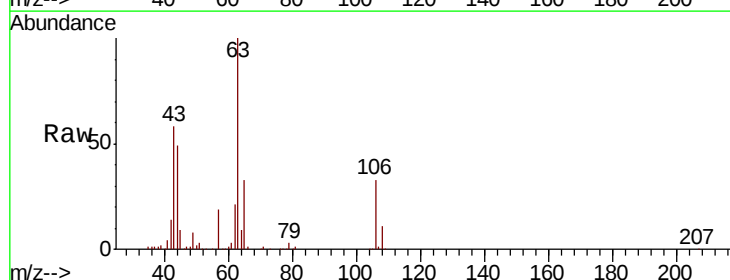
Acq: 23 Apr 2020 12:04

Tgt Ion: 63 Resp: 137496

Ion Ratio Lower Upper

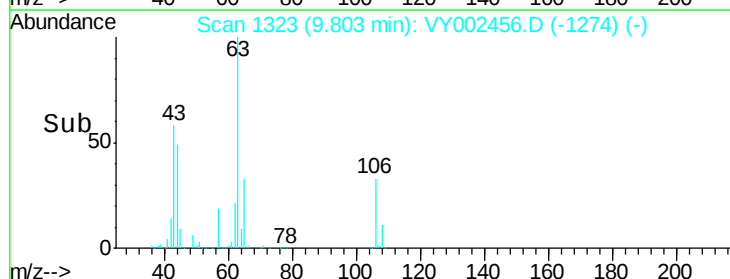
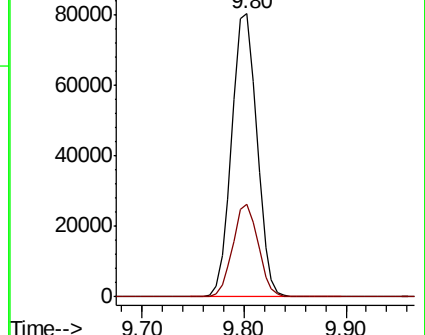
63 100

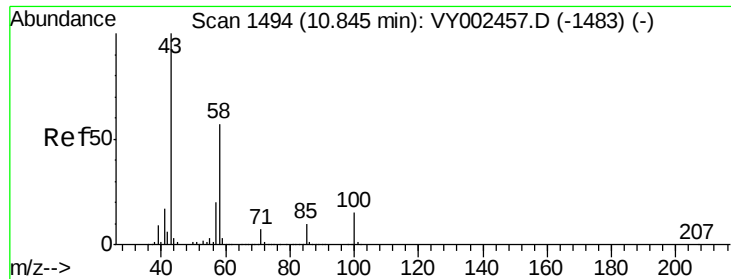
106 32.7 26.0 39.0



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

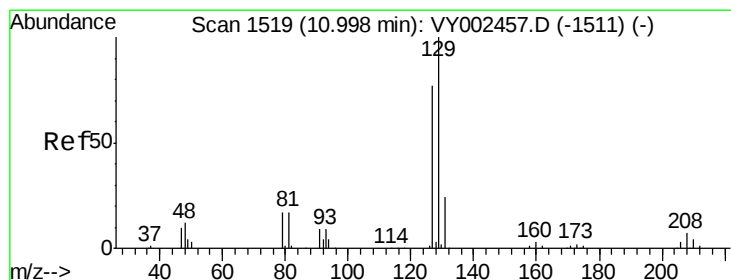
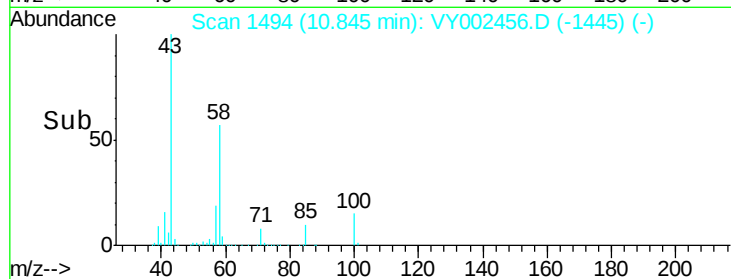
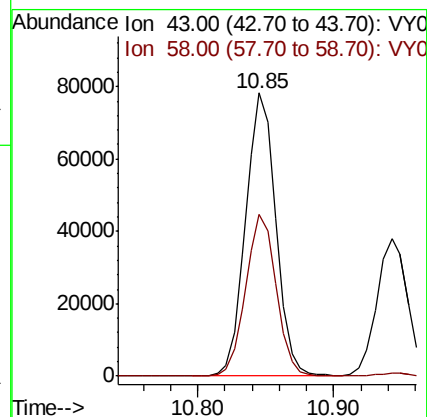
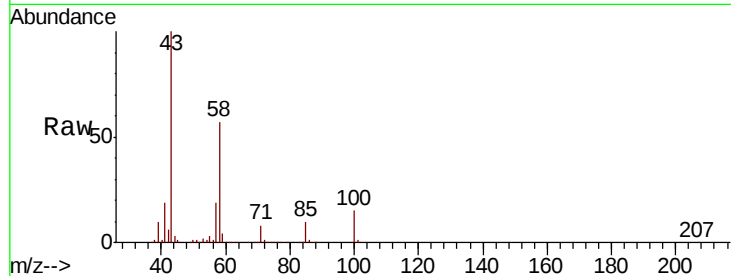




#59
2-Hexanone
Concen: 103.153 ug/l
RT: 10.85 min Scan# 1494
Delta R.T. -0.00 min
Lab File: VY002456.D
Acq: 23 Apr 2020 12:04

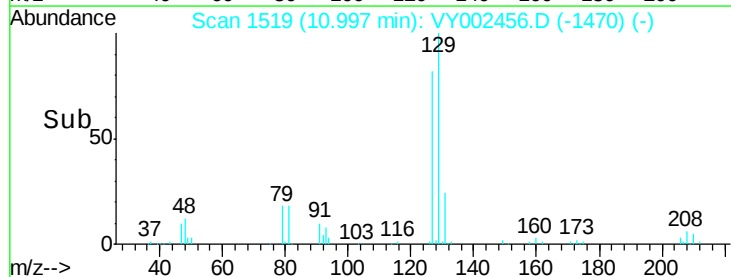
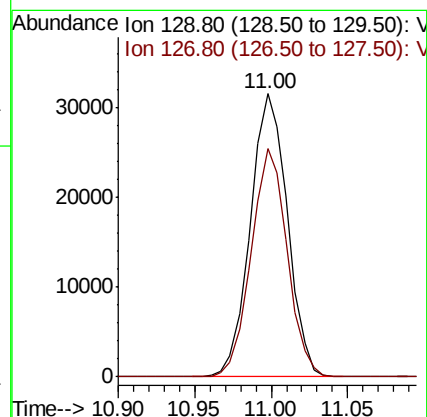
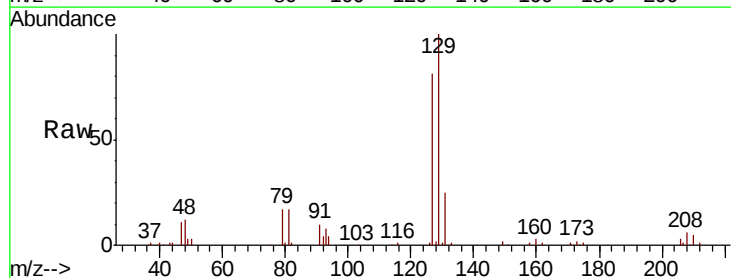
Instrument :
MSVOA_Y
ClientSampleId :

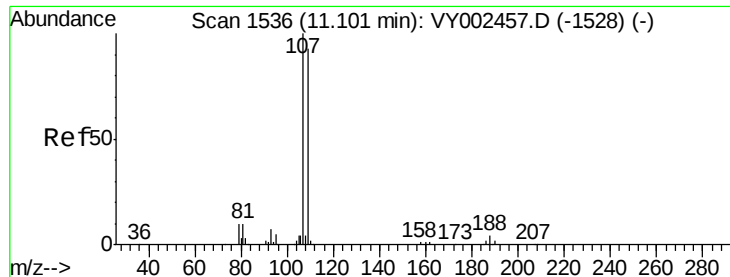
Tot Ion: 43 Resp: 121686
Ion Ratio Lower Upper
43 100
58 57.8 28.8 86.4



#60
Dibromochloromethane
Concen: 19.853 ug/l
RT: 11.00 min Scan# 1519
Delta R.T. -0.00 min
Lab File: VY002456.D
Acq: 23 Apr 2020 12:04

Tgt Ion: 129 Resp: 52932
Ion Ratio Lower Upper
129 100
127 78.7 38.3 114.9





#61

1,2-Dibromoethane

Concen: 20.074 ug/l

RT: 11.10 min Scan# 1536

Delta R.T. -0.00 min

Lab File: VY002456.D

Acq: 23 Apr 2020 12:04

Instrument :

MSVOA_Y

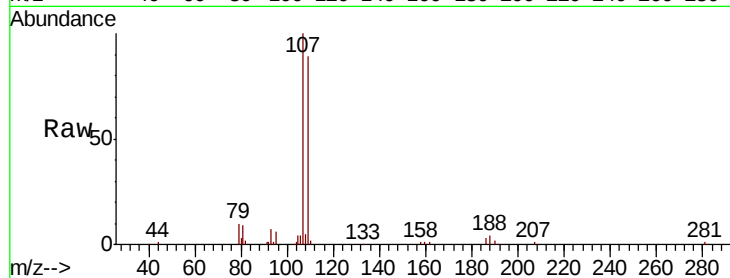
ClientSampled :

Tot Ion:107 Resp: 40638

Ion Ratio Lower Upper

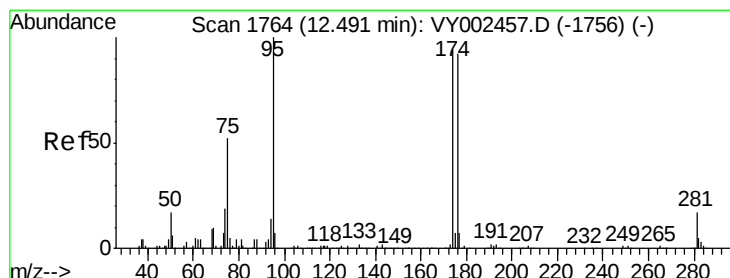
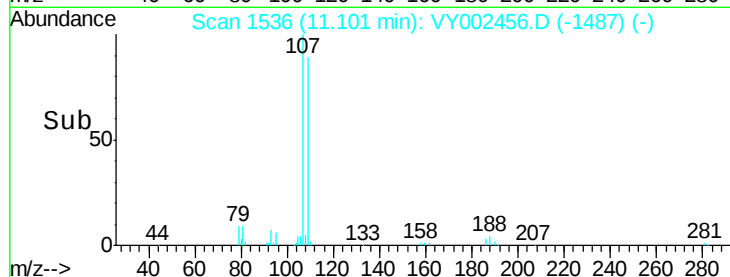
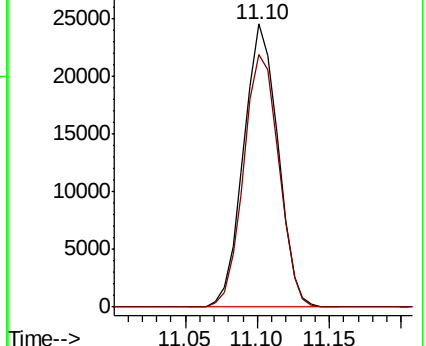
107 100

109 91.4 74.9 112.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 19.255 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. -0.00 min

Lab File: VY002456.D

Acq: 23 Apr 2020 12:04

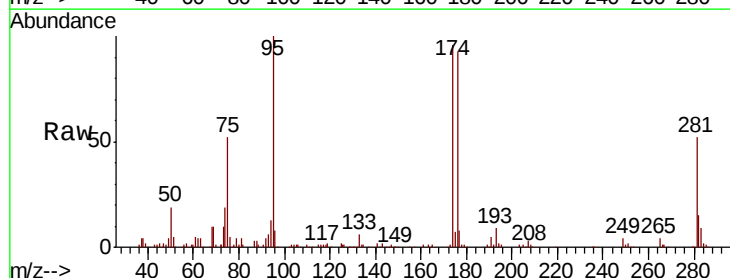
Tgt Ion: 95 Resp: 61288

Ion Ratio Lower Upper

95 100

174 96.5 0.0 193.0

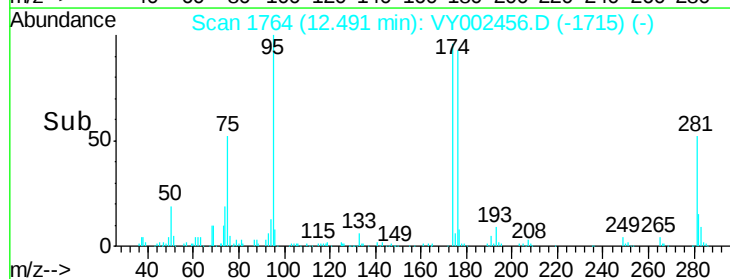
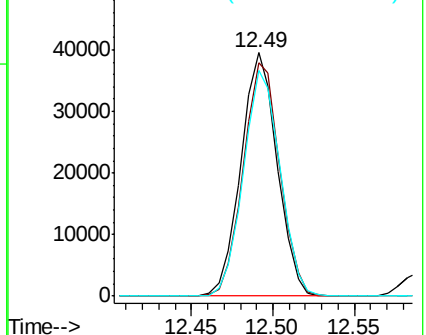
176 93.8 0.0 190.4

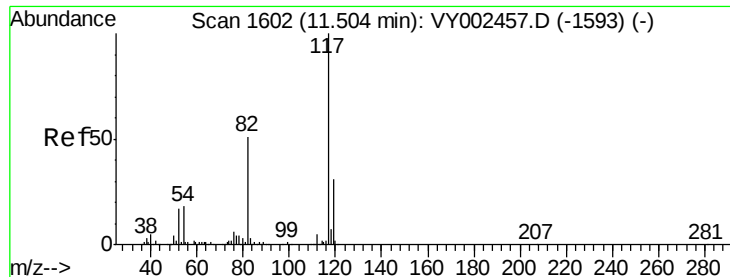


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

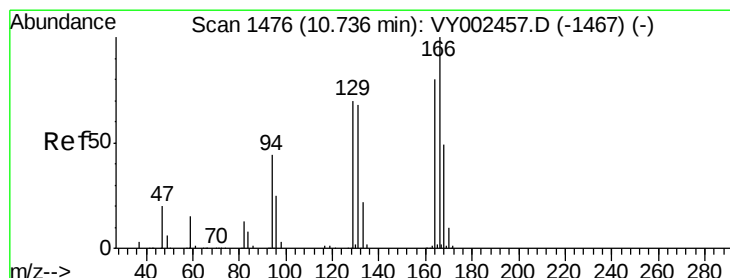
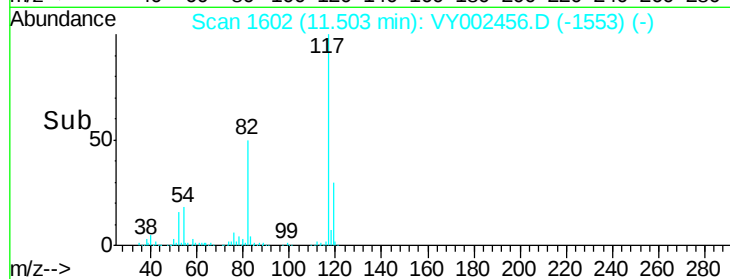
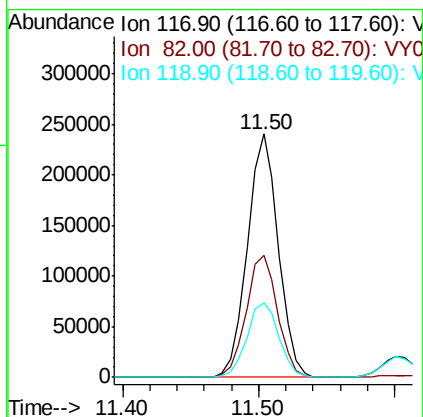
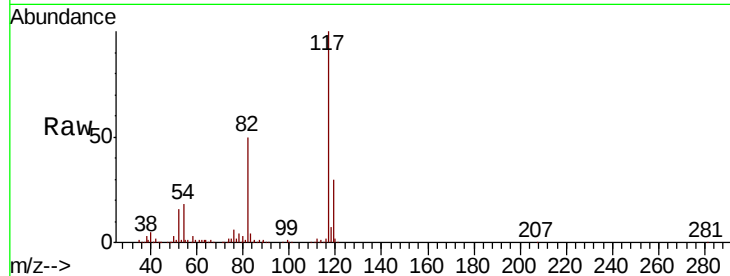




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. -0.00 min
Lab File: VY002456.D
Acq: 23 Apr 2020 12:04

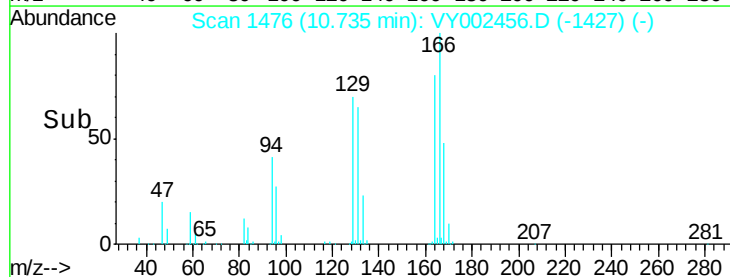
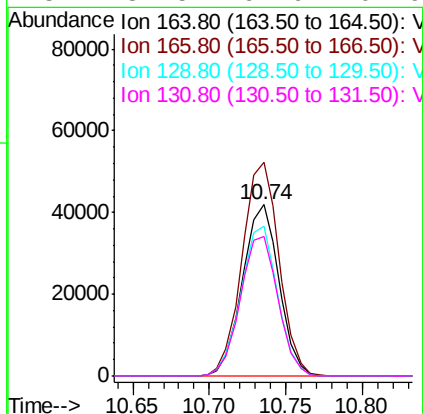
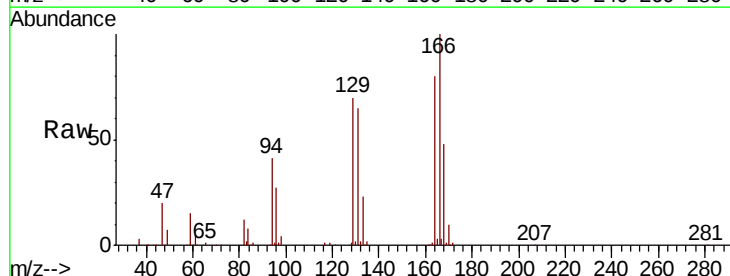
Instrument :
MSVOA_Y
ClientSampleId :

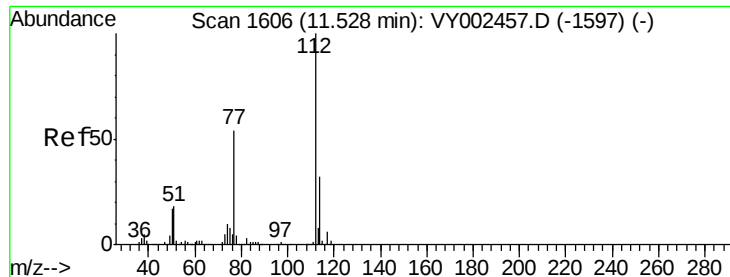
Tot Ion:117 Resp: 381402
Ion Ratio Lower Upper
117 100
82 50.2 40.8 61.2
119 30.5 25.2 37.8



#64
Tetrachloroethene
Concen: 19.851 ug/l
RT: 10.74 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VY002456.D
Acq: 23 Apr 2020 12:04

Tgt Ion:164 Resp: 69623
Ion Ratio Lower Upper
164 100
166 125.0 100.0 150.0
129 87.7 69.8 104.8
131 81.5 67.9 101.9

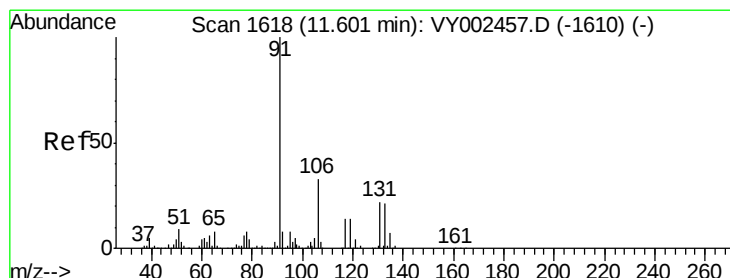
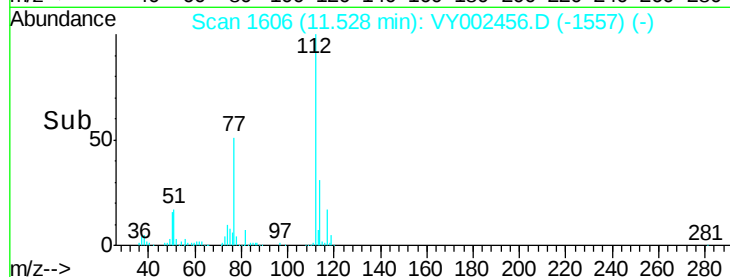
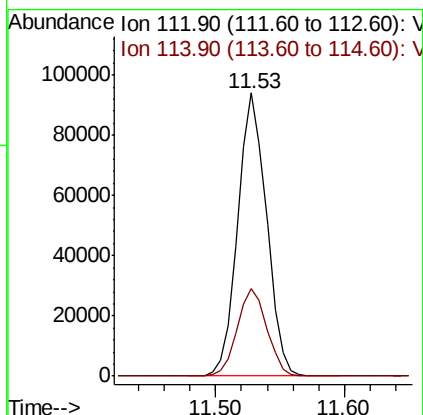
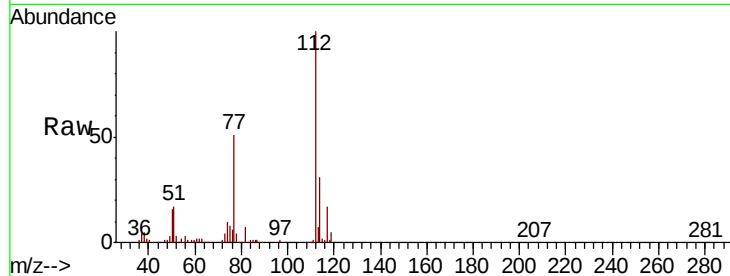




#65
Chlorobenzene
Concen: 19.755 ug/l
RT: 11.53 min Scan# 1606
Delta R.T. -0.00 min
Lab File: VY002456.D
Acq: 23 Apr 2020 12:04

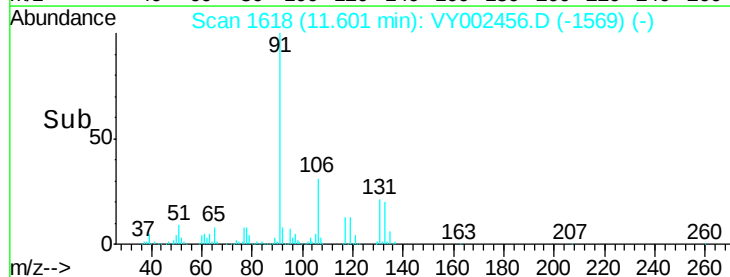
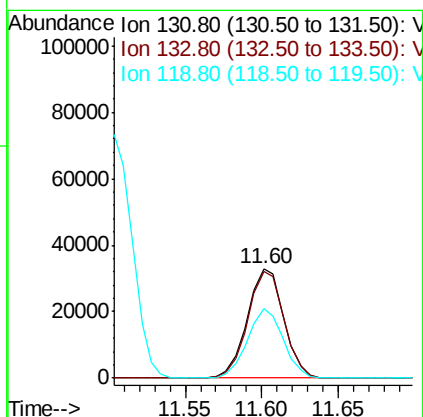
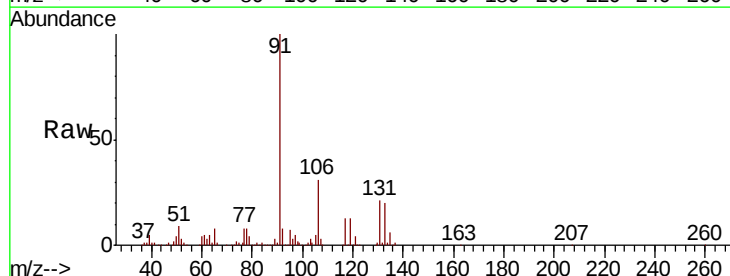
Instrument :
MSVOA_Y
ClientSampled :

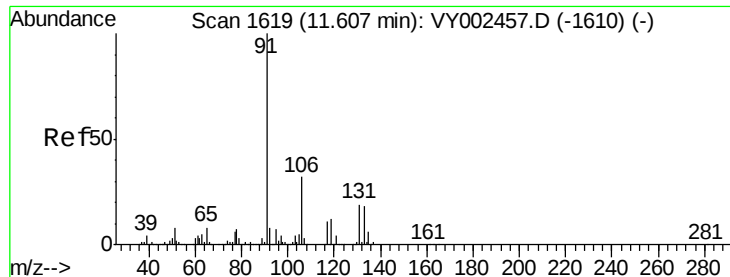
Tot Ion:112 Resp: 145169
Ion Ratio Lower Upper
112 100
114 30.8 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 19.863 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VY002456.D
Acq: 23 Apr 2020 12:04

Tgt Ion:131 Resp: 54457
Ion Ratio Lower Upper
131 100
133 97.6 47.8 143.4
119 62.5 31.1 93.3

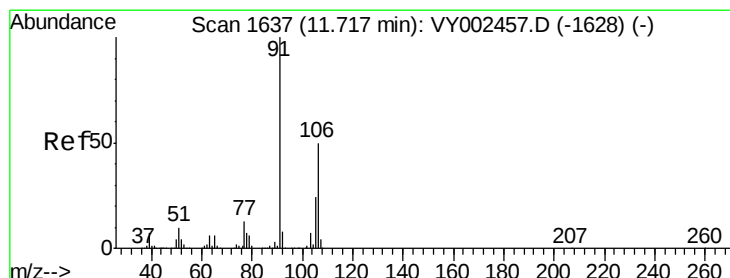
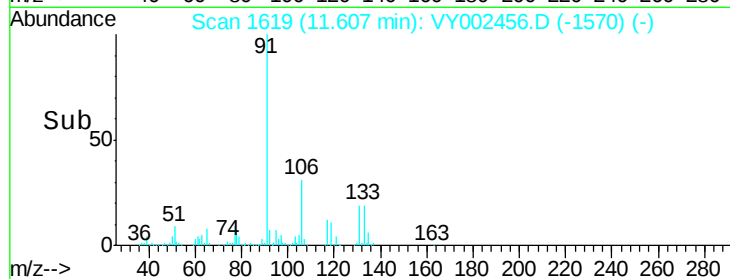
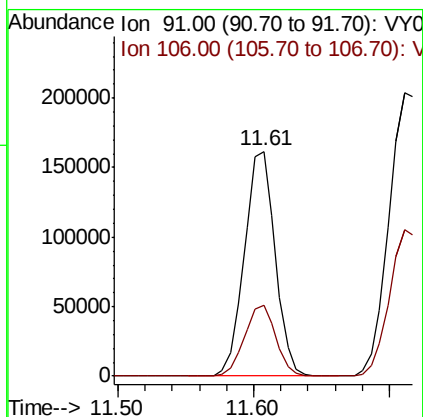
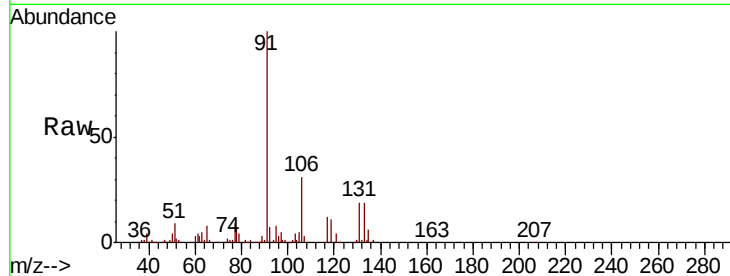




#67
Ethyl Benzene
Concen: 19.635 ug/l
RT: 11.61 min Scan# 1619
Delta R.T. -0.00 min
Lab File: VY002456.D
Acq: 23 Apr 2020 12:04

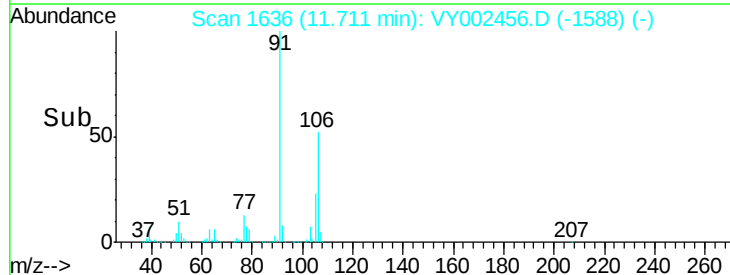
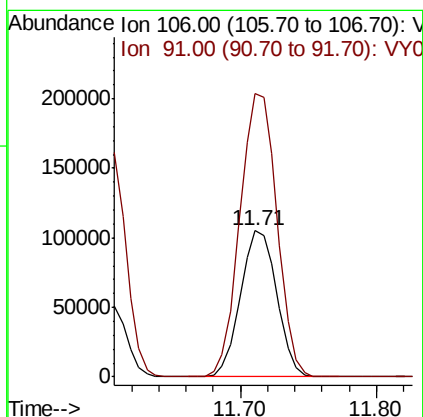
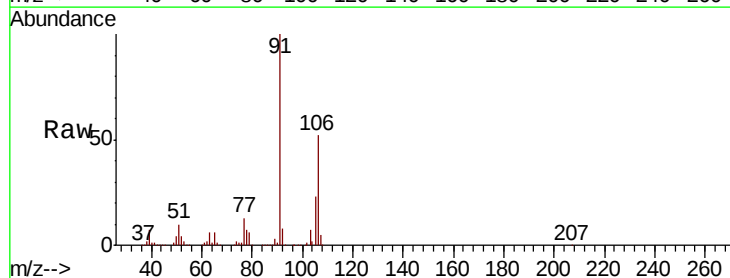
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 91 Resp: 255991
Ion Ratio Lower Upper
91 100
106 31.4 25.8 38.6



#68
m/p-Xylenes
Concen: 39.082 ug/l
RT: 11.71 min Scan# 1636
Delta R.T. -0.01 min
Lab File: VY002456.D
Acq: 23 Apr 2020 12:04

Tgt Ion: 106 Resp: 196282
Ion Ratio Lower Upper
106 100
91 197.7 159.8 239.6

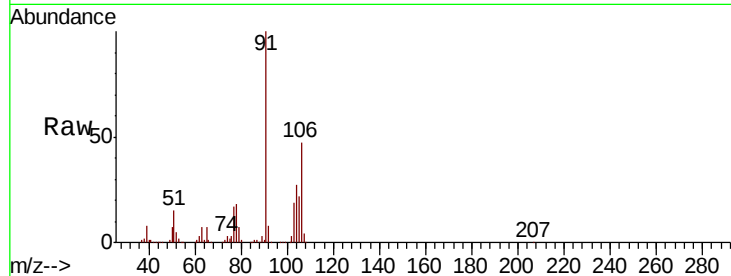




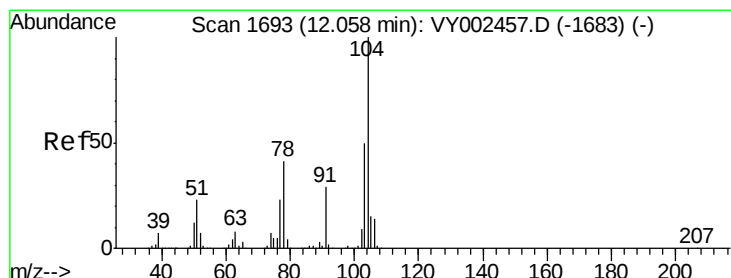
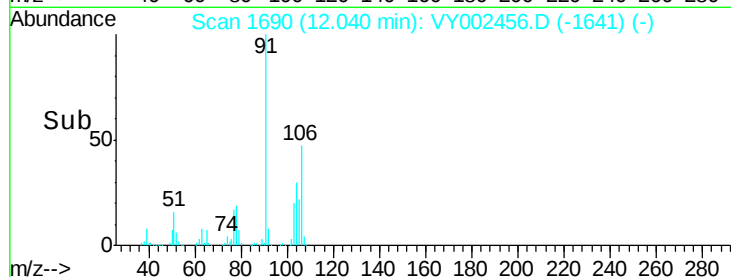
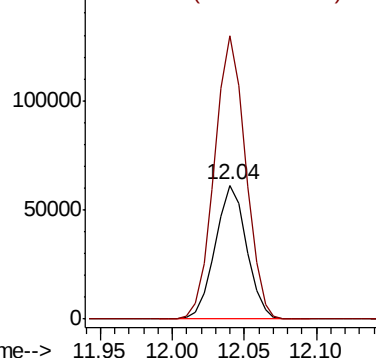
#69
o-Xylene
Concen: 19.674 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VY002456.D
Acq: 23 Apr 2020 12:04

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:106 Resp: 92542
Ion Ratio Lower Upper
106 100
91 210.2 104.5 313.3

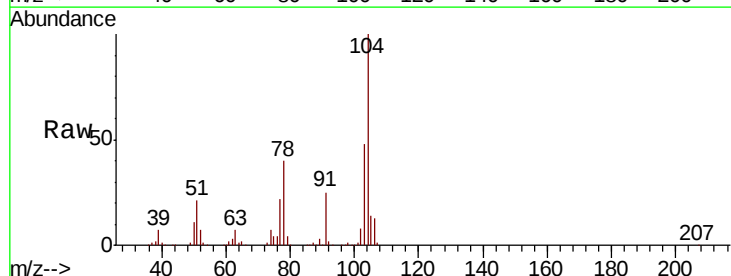


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VY0

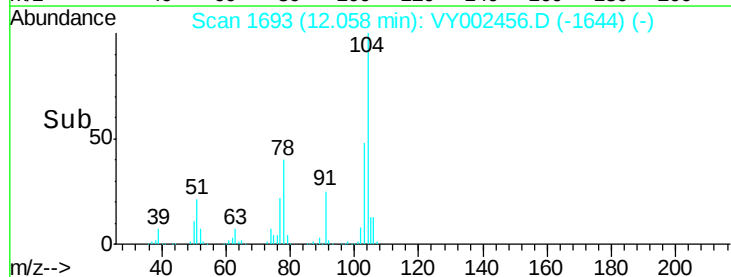
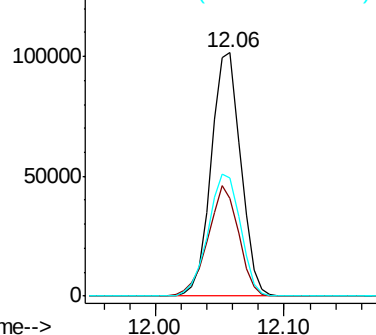


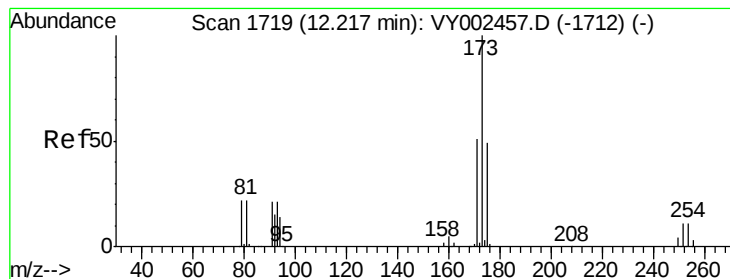
#70
Styrene
Concen: 19.726 ug/l
RT: 12.06 min Scan# 1693
Delta R.T. -0.00 min
Lab File: VY002456.D
Acq: 23 Apr 2020 12:04

Tgt Ion:104 Resp: 161008
Ion Ratio Lower Upper
104 100
78 47.1 38.0 57.0
103 55.1 44.4 66.6



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VY0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 20.292 ug/l

RT: 12.22 min Scan# 1719

Delta R.T. -0.00 min

Lab File: VY002456.D

Acq: 23 Apr 2020 12:04

Instrument :

MSVOA_Y

ClientSampled :

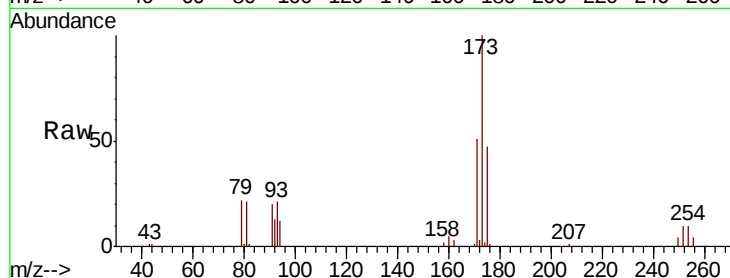
Tot Ion:173 Resp: 34828

Ion Ratio Lower Upper

173 100

175 48.3 24.3 73.0

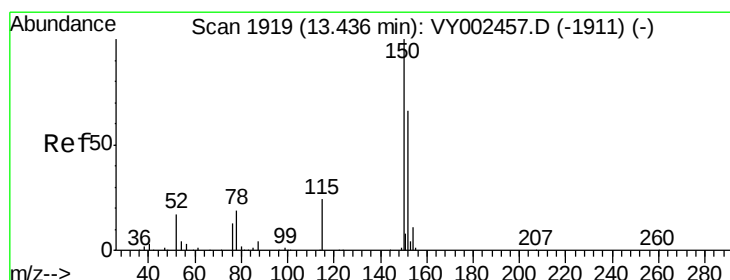
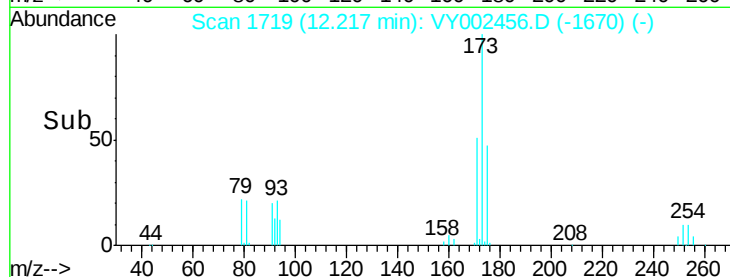
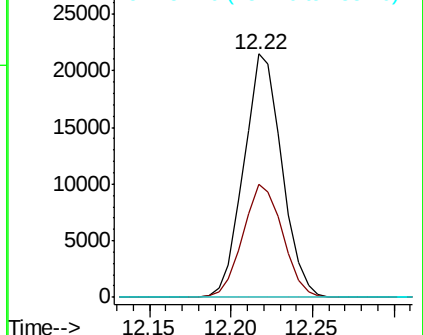
254 0.0 0.1 0.1#



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: 13.44 min Scan# 1919

Delta R.T. -0.00 min

Lab File: VY002456.D

Acq: 23 Apr 2020 12:04

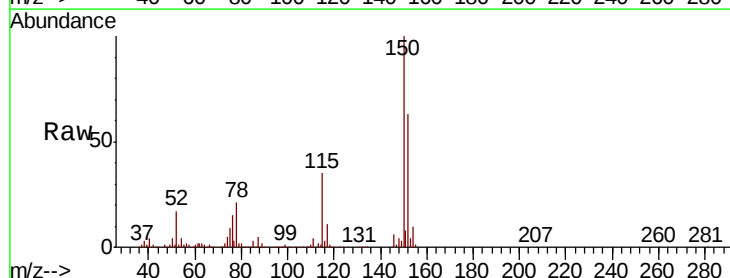
Tgt Ion:152 Resp: 198477

Ion Ratio Lower Upper

152 100

115 54.9 27.3 81.8

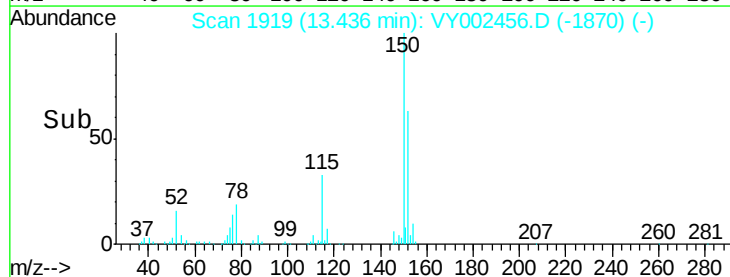
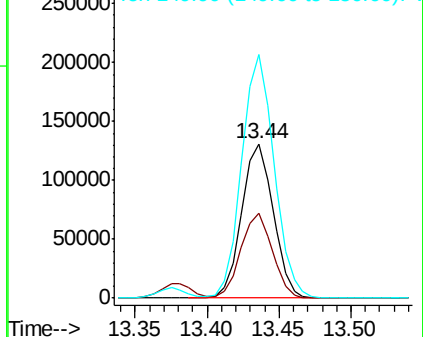
150 163.1 0.0 346.8

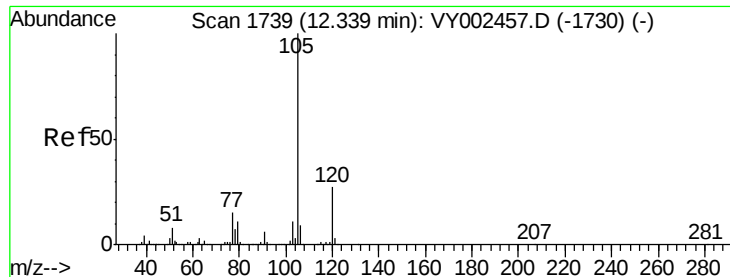


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

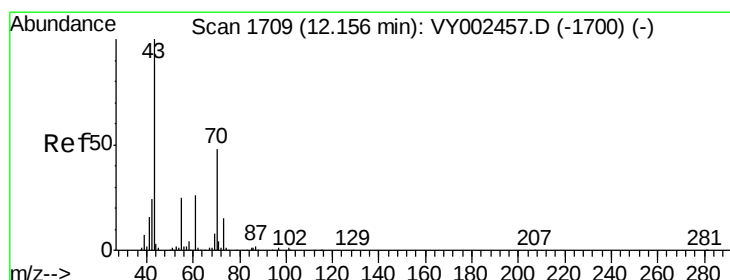
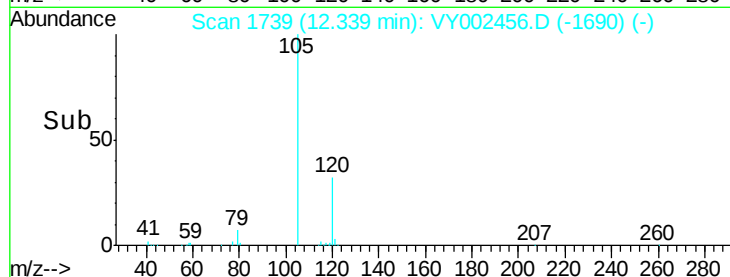
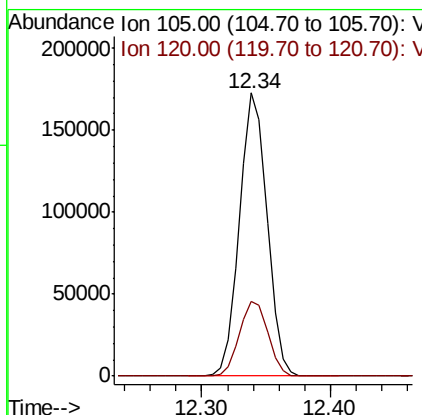
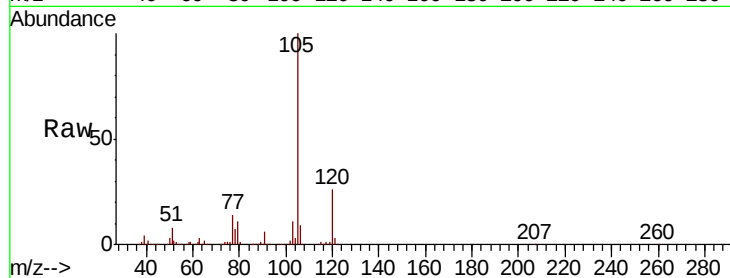




#73
Isopropylbenzene
Concen: 19.901 ug/l
RT: 12.34 min Scan# 1739
Delta R.T. -0.00 min
Lab File: VY002456.D
Acq: 23 Apr 2020 12:04

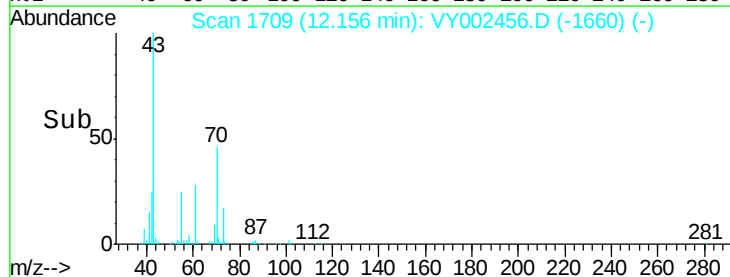
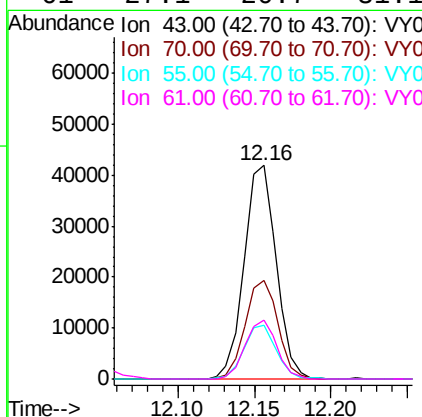
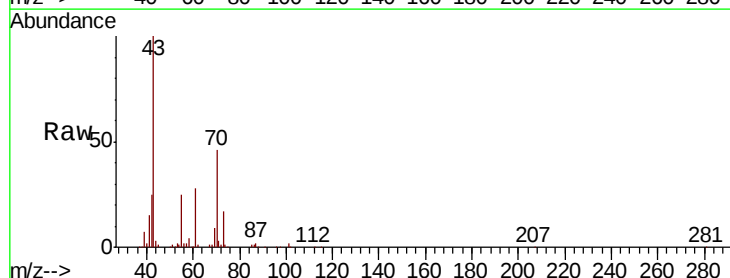
Instrument :
MSVOA_Y
ClientSampleId :

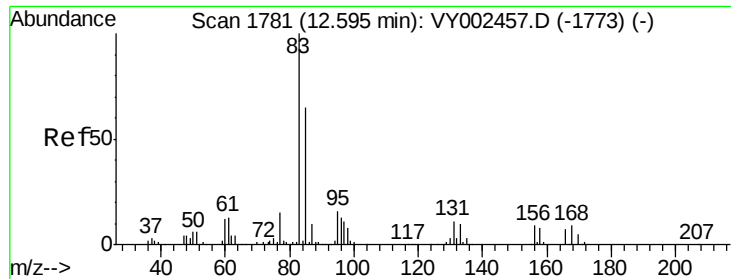
Tot Ion:105 Resp: 256029
Ion Ratio Lower Upper
105 100
120 27.4 13.6 40.7



#74
N-ethyl acetate
Concen: 20.437 ug/l
RT: 12.16 min Scan# 1709
Delta R.T. -0.00 min
Lab File: VY002456.D
Acq: 23 Apr 2020 12:04

Tgt Ion: 43 Resp: 61307
Ion Ratio Lower Upper
43 100
70 47.0 37.2 55.8
55 25.3 19.6 29.4
61 27.1 20.7 31.1





#75

1,1,2,2-Tetrachloroethane

Concen: 19.986 ug/l

RT: 12.59 min Scan# 1781

Delta R.T. -0.00 min

Lab File: VY002456.D

Acq: 23 Apr 2020 12:04

Instrument :

MSVOA_Y

ClientSampleId :

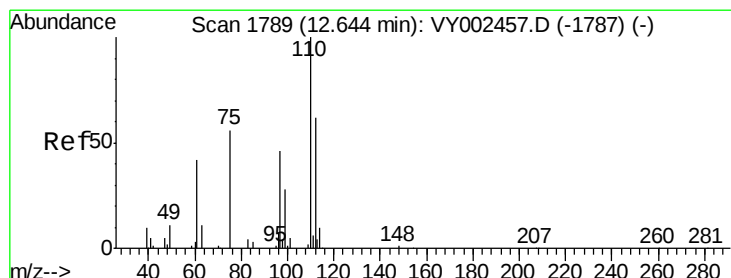
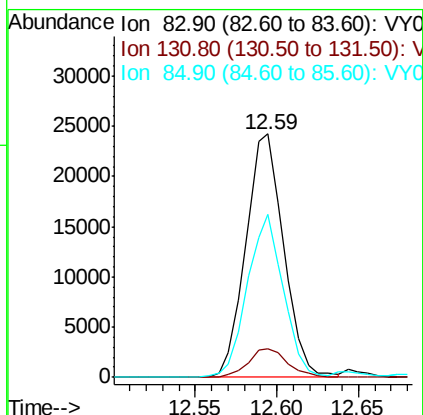
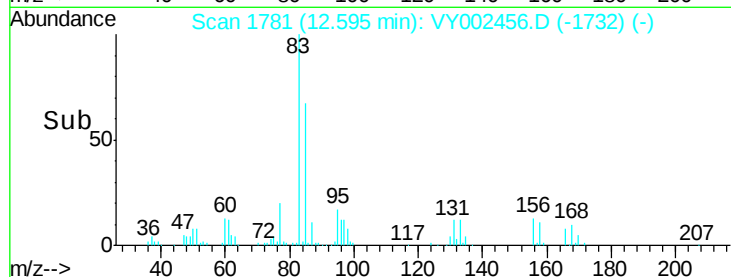
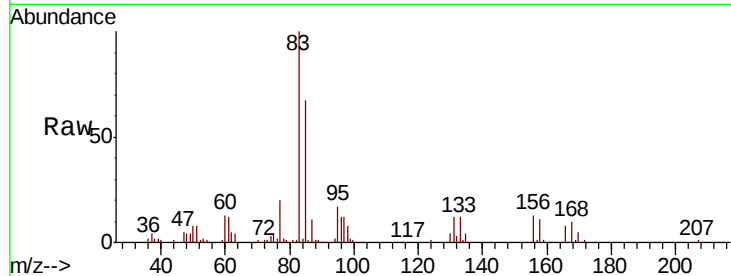
Tot Ion: 83 Resp: 39181

Ion Ratio Lower Upper

83 100

131 12.3 6.2 18.6

85 63.5 32.5 97.5



#76

1,2,3-Trichloropropane

Concen: 22.787 ug/l

RT: 12.64 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VY002456.D

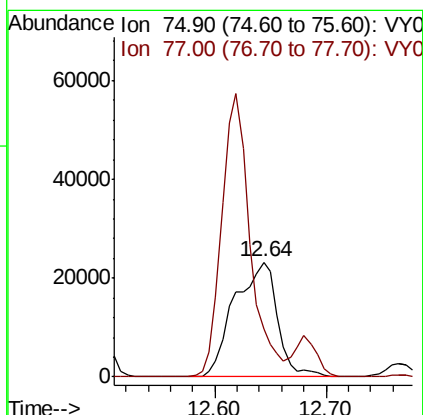
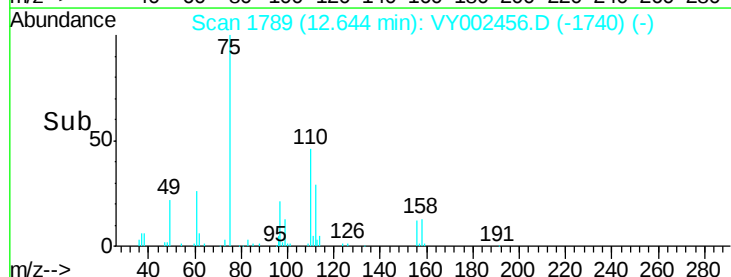
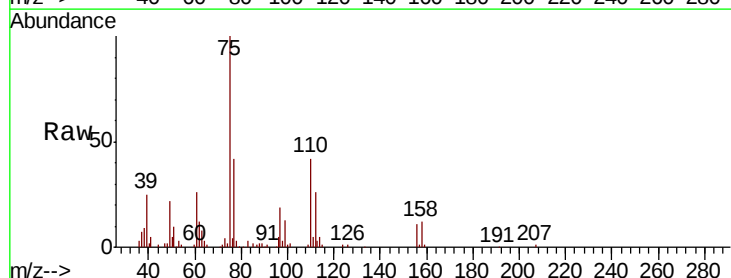
Acq: 23 Apr 2020 12:04

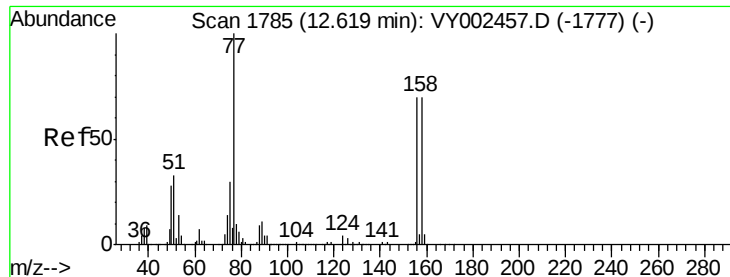
Tgt Ion: 75 Resp: 62447

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.002 ug/l

RT: 12.62 min Scan# 1785

Delta R.T. -0.00 min

Lab File: VY002456.D

Acq: 23 Apr 2020 12:04

Instrument :

MSVOA_Y

ClientSampleId :

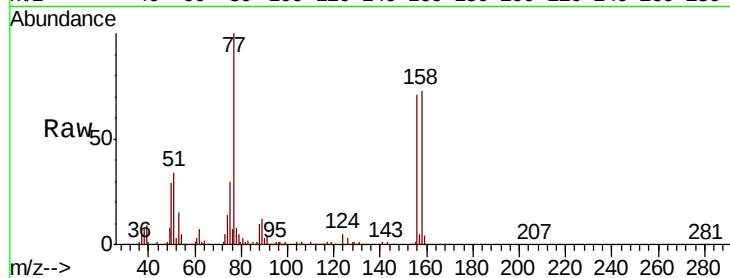
Tot Ion:156 Resp: 64578

Ion Ratio Lower Upper

156 100

77 157.7 78.5 235.7

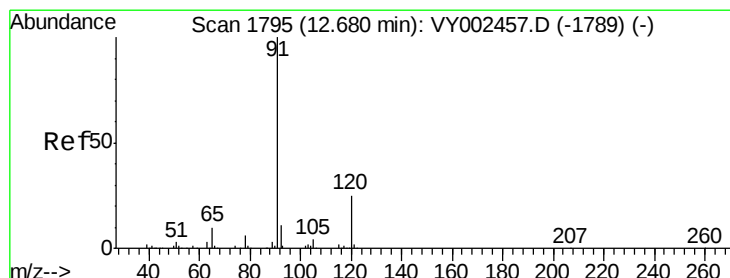
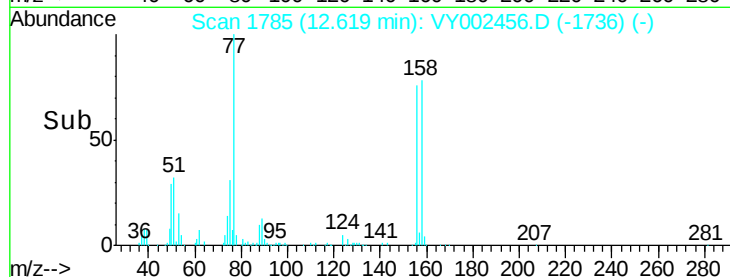
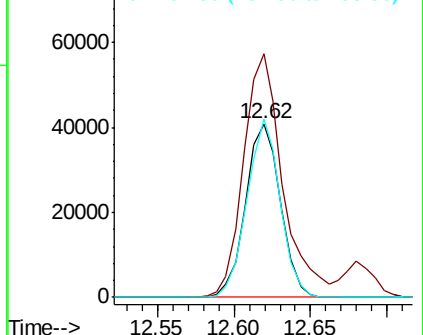
158 97.6 48.4 145.3



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: 19.684 ug/l

RT: 12.68 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VY002456.D

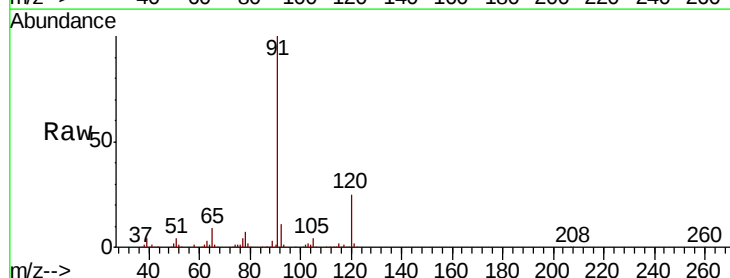
Acq: 23 Apr 2020 12:04

Tgt Ion: 91 Resp: 294819

Ion Ratio Lower Upper

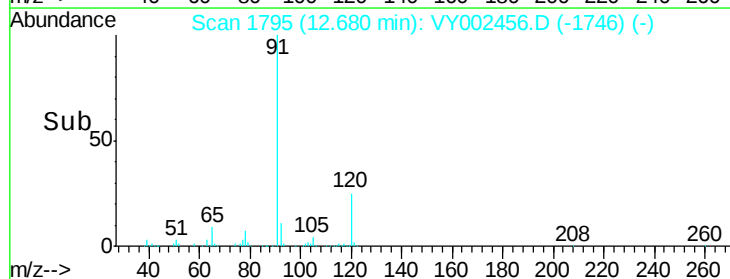
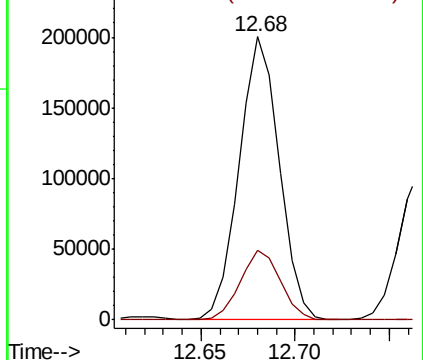
91 100

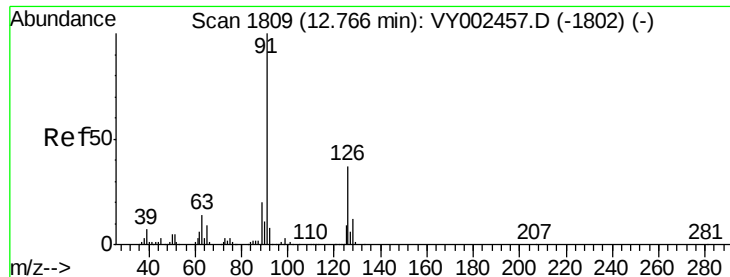
120 24.8 12.3 36.8



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.486 ug/l

RT: 12.77 min Scan# 1809

Delta R.T. -0.00 min

Lab File: VY002456.D

Acq: 23 Apr 2020 12:04

Instrument :

MSVOA_Y

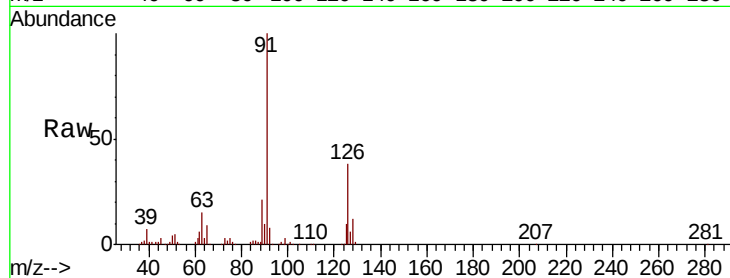
ClientSampleId :

Tot Ion: 91 Resp: 159246

Ion Ratio Lower Upper

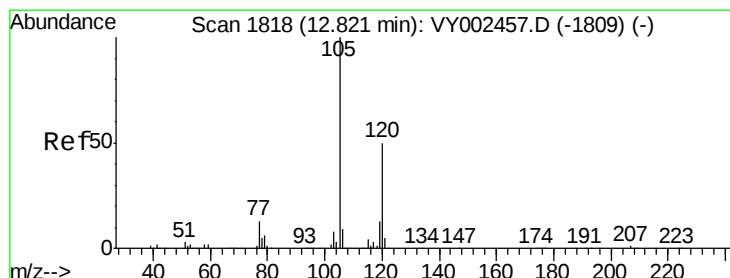
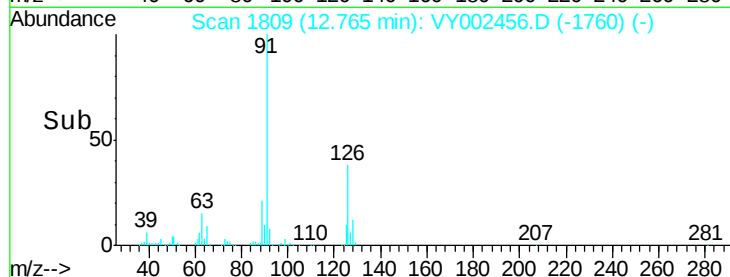
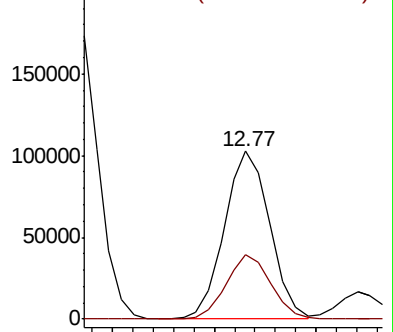
91 100

126 37.7 18.5 55.5



Abundance Ion 91.00 (90.70 to 91.70): VY002457.D (-1802) (-)

Ion 125.90 (125.60 to 126.60): VY002457.D (-1802) (-)



#80

1,3,5-Trimethylbenzene

Concen: 19.553 ug/l

RT: 12.82 min Scan# 1818

Delta R.T. -0.00 min

Lab File: VY002456.D

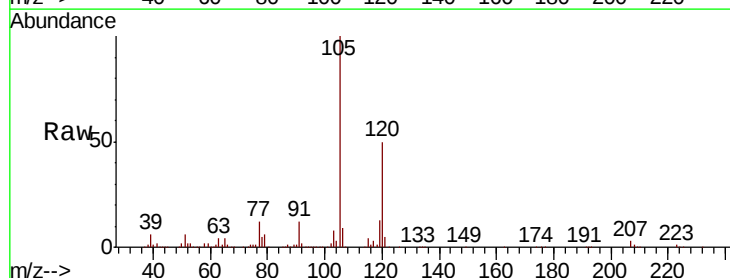
Acq: 23 Apr 2020 12:04

Tgt Ion:105 Resp: 214233

Ion Ratio Lower Upper

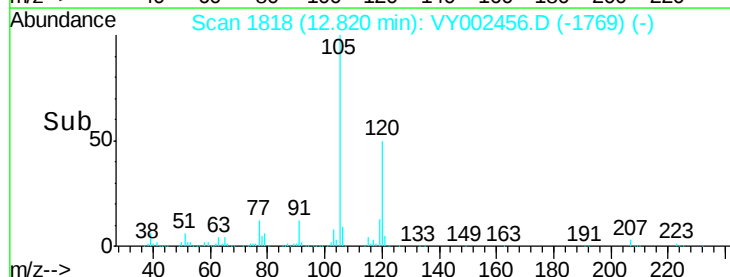
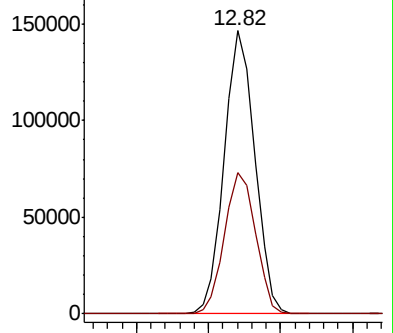
105 100

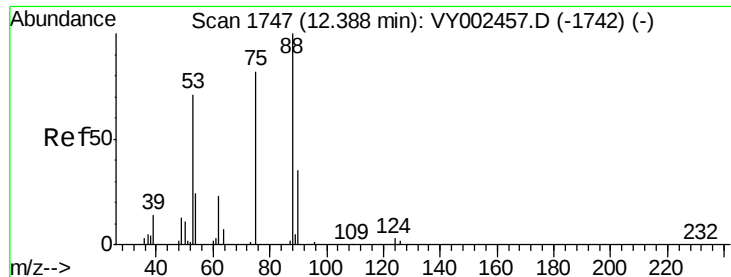
120 50.9 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): VY002457.D (-1809) (-)

Ion 120.00 (119.70 to 120.70): VY002457.D (-1809) (-)

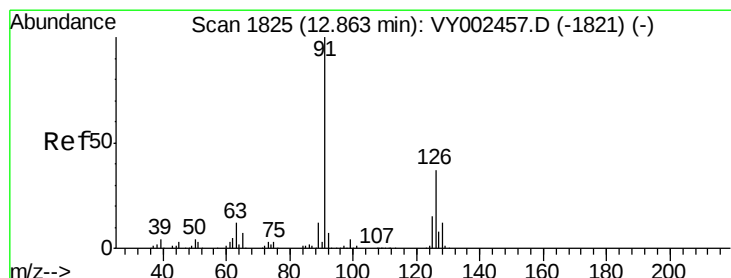
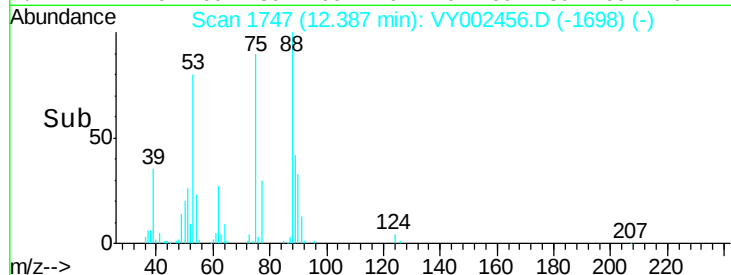
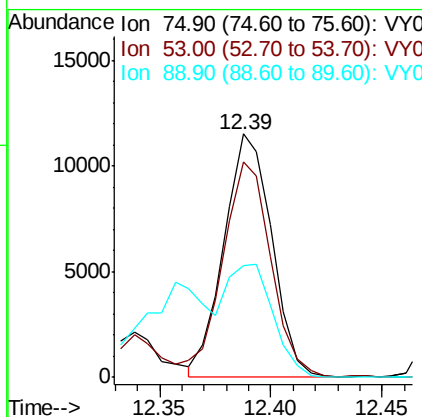
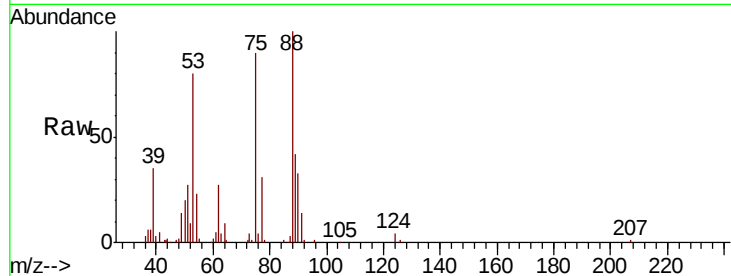




#81
trans-1,4-Dichloro-2-butene
Concen: 19.737 ug/l
RT: 12.39 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VY002456.D
Acq: 23 Apr 2020 12:04

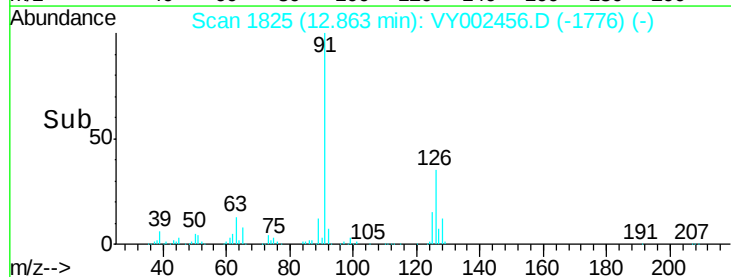
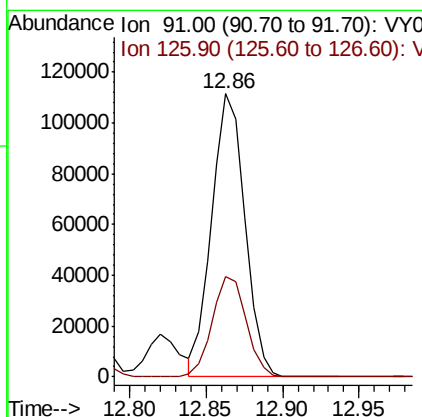
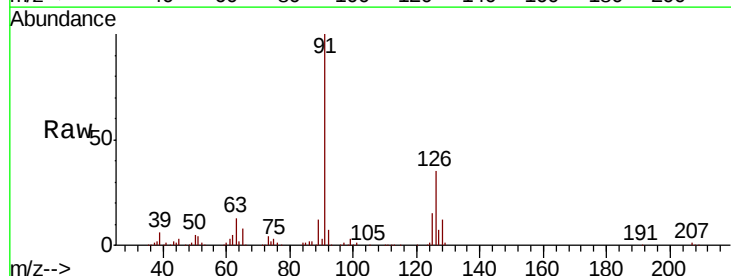
Instrument :
MSVOA_Y
ClientSampled :

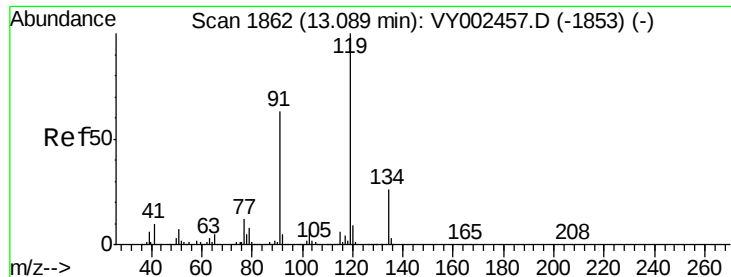
Tot Ion: 75 Resp: 17215
Ion Ratio Lower Upper
75 100
53 90.2 70.0 105.0
89 44.7 34.9 52.3



#82
4-Chlorotoluene
Concen: 19.554 ug/l
RT: 12.86 min Scan# 1825
Delta R.T. -0.00 min
Lab File: VY002456.D
Acq: 23 Apr 2020 12:04

Tgt Ion: 91 Resp: 168608
Ion Ratio Lower Upper
91 100
126 36.4 18.5 55.5





#83

tert-Butylbenzene

Concen: 19.800 ug/l

RT: 13.08 min Scan# 1861

Delta R.T. -0.01 min

Lab File: VY002456.D

Acq: 23 Apr 2020 12:04

Instrument :

MSVOA_Y

ClientSampleId :

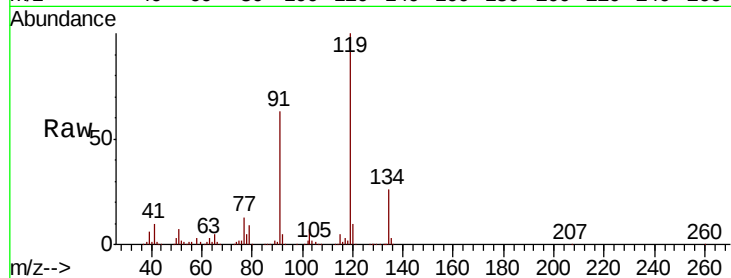
Tot Ion:119 Resp: 190975

Ion Ratio Lower Upper

119 100

91 61.7 30.8 92.3

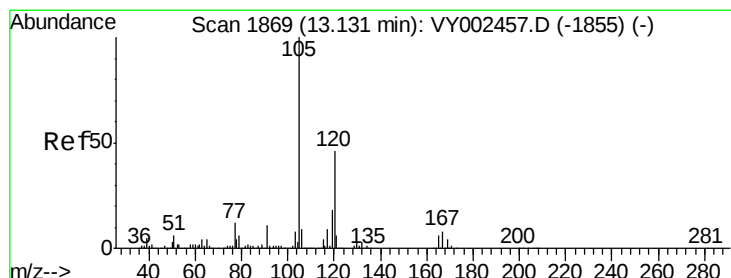
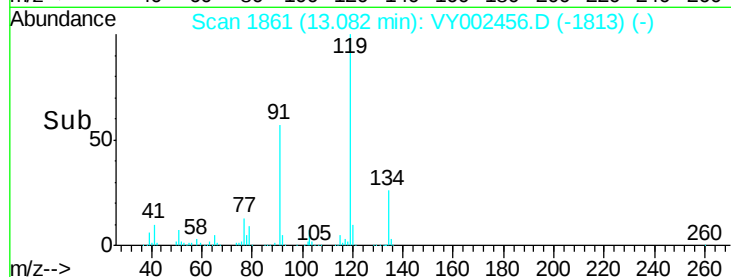
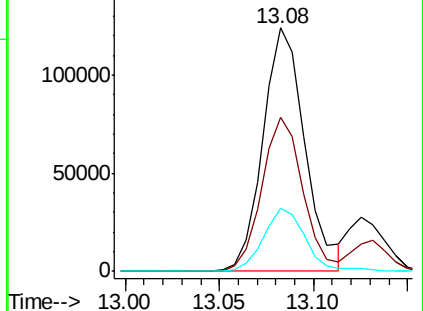
134 26.1 13.2 39.6



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VY0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 19.957 ug/l

RT: 13.13 min Scan# 1869

Delta R.T. -0.00 min

Lab File: VY002456.D

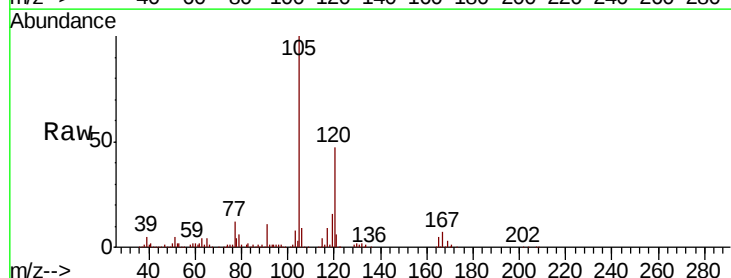
Acq: 23 Apr 2020 12:04

Tgt Ion:105 Resp: 217933

Ion Ratio Lower Upper

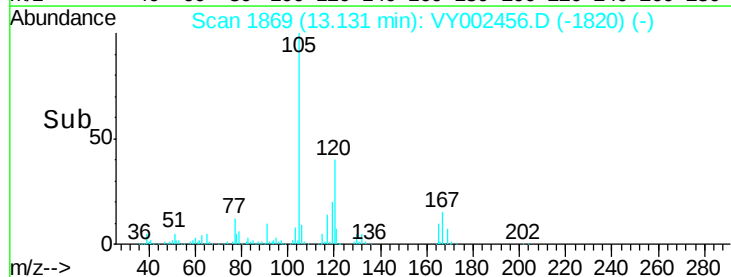
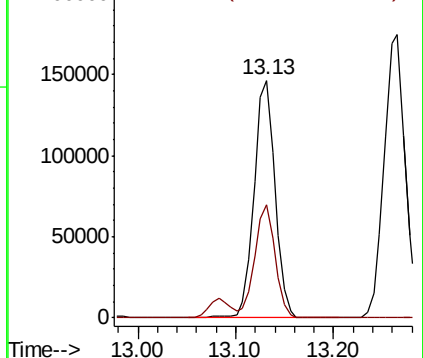
105 100

120 46.3 23.1 69.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 19.703 ug/l

RT: 13.27 min Scan# 1891

Delta R.T. -0.00 min

Lab File: VY002456.D

Acq: 23 Apr 2020 12:04

Instrument :

MSVOA_Y

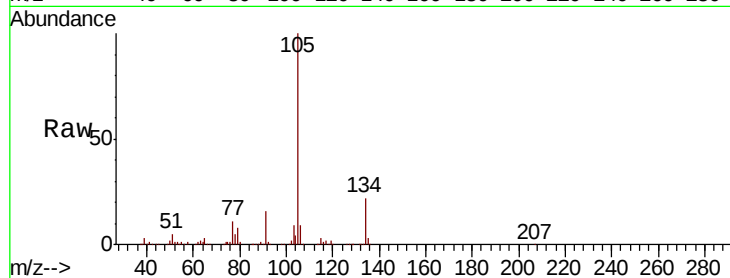
ClientSampled :

Tot Ion:105 Resp: 259485

Ion Ratio Lower Upper

105 100

134 21.4 10.8 32.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

200000

150000

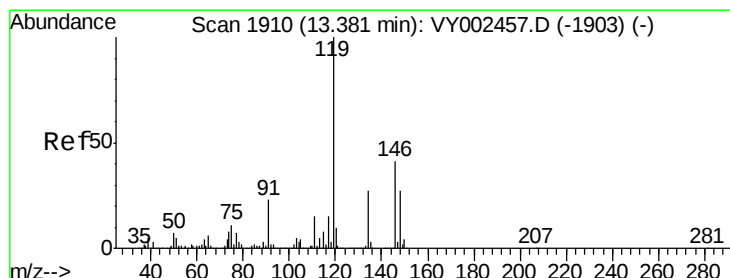
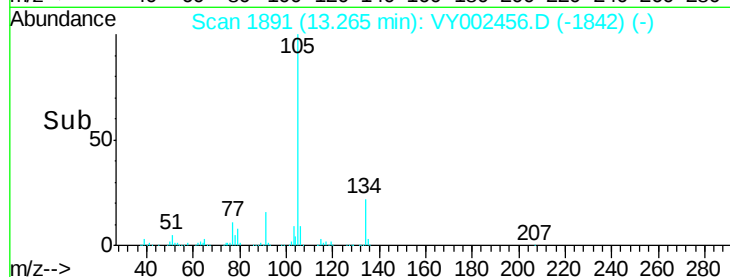
100000

50000

0

13.20 13.30

Time-->



#86

p-Isopropyltoluene

Concen: 19.860 ug/l

RT: 13.38 min Scan# 1910

Delta R.T. -0.00 min

Lab File: VY002456.D

Acq: 23 Apr 2020 12:04

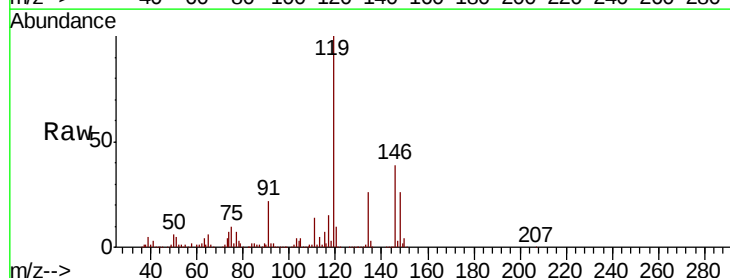
Tgt Ion:119 Resp: 247566

Ion Ratio Lower Upper

119 100

134 26.9 13.5 40.5

91 22.5 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

200000

150000

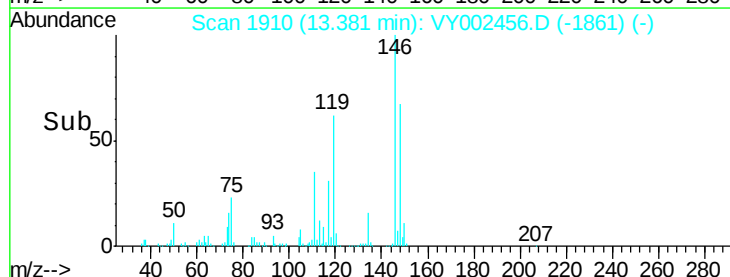
100000

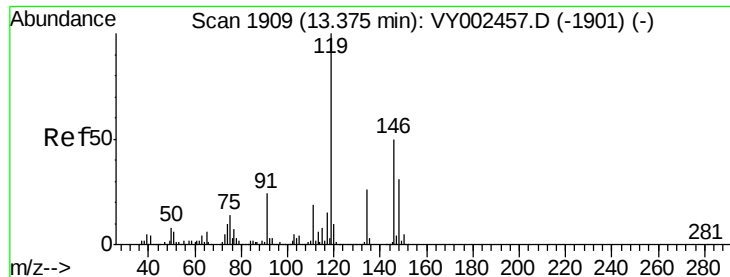
50000

0

13.30 13.35 13.40 13.45

Time-->

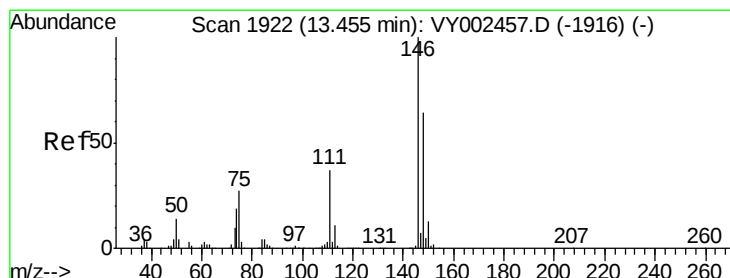
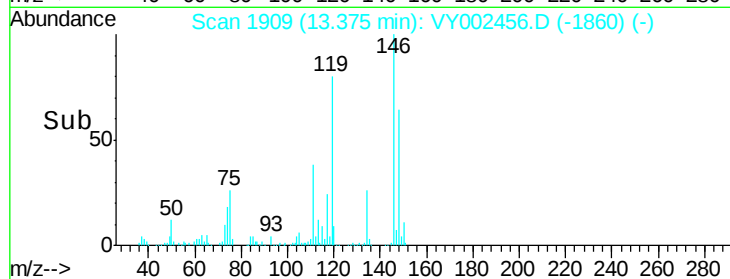
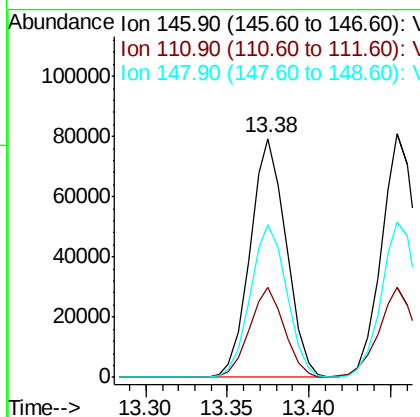
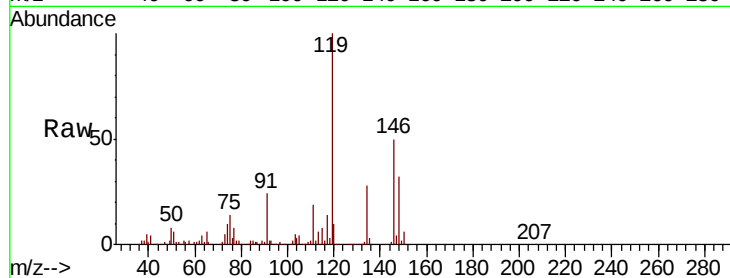




#87
 1,3-Dichlorobenzene
 Concen: 19.684 ug/l
 RT: 13.38 min Scan# 1909
 Delta R.T. -0.00 min
 Lab File: VY002456.D
 Acq: 23 Apr 2020 12:04

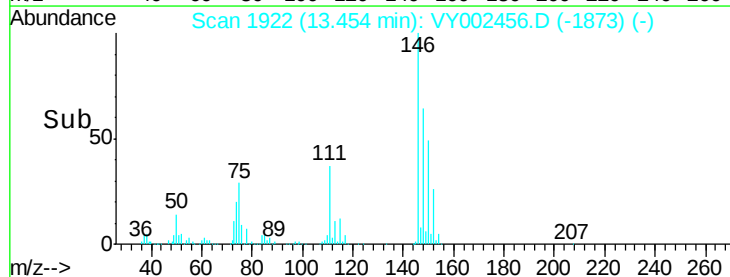
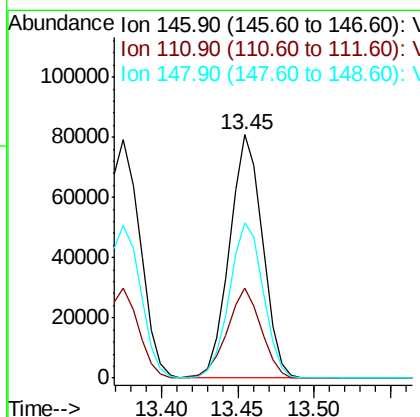
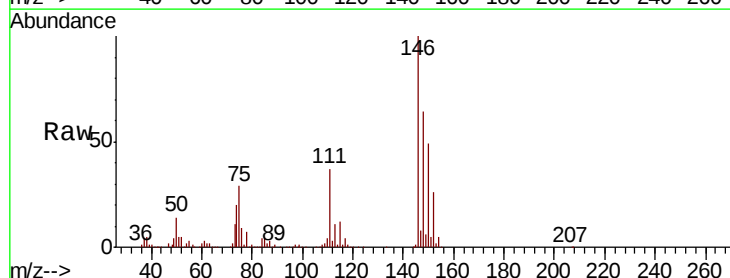
Instrument :
 MSVOA_Y
 ClientSampleId :

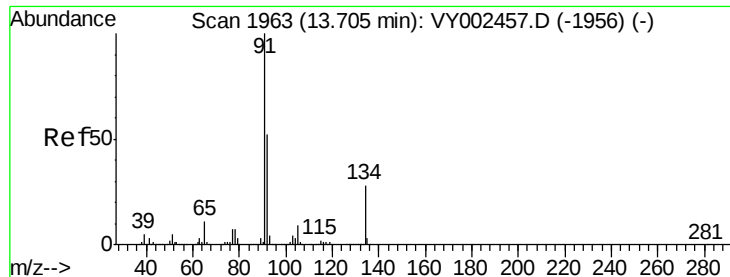
Tot Ion	Ratio	Lower	Upper
146	100		
111	36.4	18.8	56.3
148	64.7	32.0	96.0



#88
 1,4-Dichlorobenzene
 Concen: 19.745 ug/l
 RT: 13.45 min Scan# 1922
 Delta R.T. -0.00 min
 Lab File: VY002456.D
 Acq: 23 Apr 2020 12:04

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.3	18.1	54.1
148	65.5	32.1	96.5





#89

n-Butylbenzene

Concen: 19.544 ug/l

RT: 13.70 min Scan# 1963

Delta R.T. -0.00 min

Lab File: VY002456.D

Acq: 23 Apr 2020 12:04

Instrument :

MSVOA_Y

ClientSampleId :

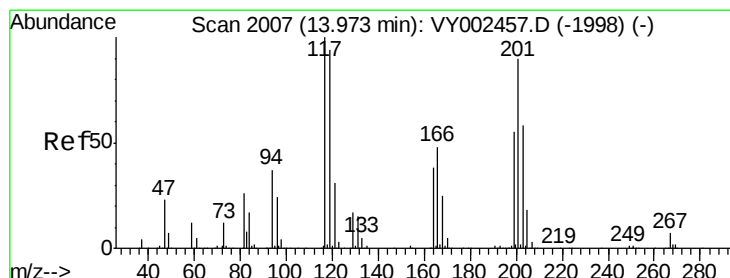
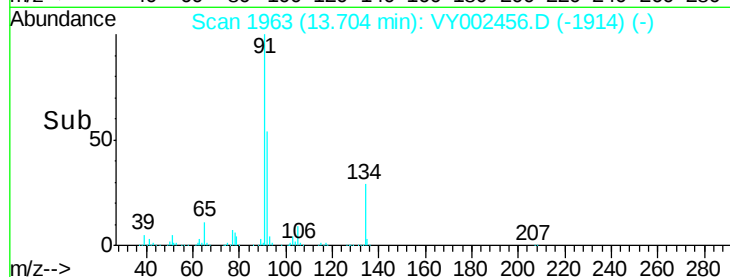
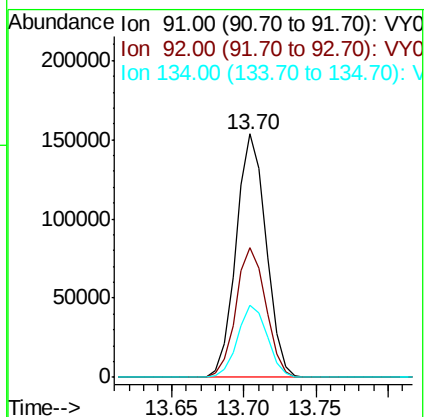
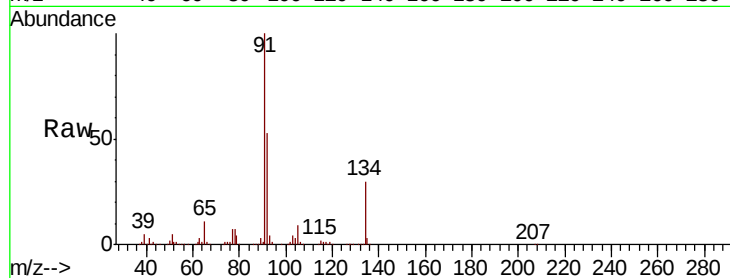
Tot Ion: 91 Resp: 222855

Ion Ratio Lower Upper

91 100

92 53.3 26.5 79.4

134 29.2 14.3 42.9



#90

Hexachloroethane

Concen: 19.694 ug/l

RT: 13.97 min Scan# 2006

Delta R.T. -0.01 min

Lab File: VY002456.D

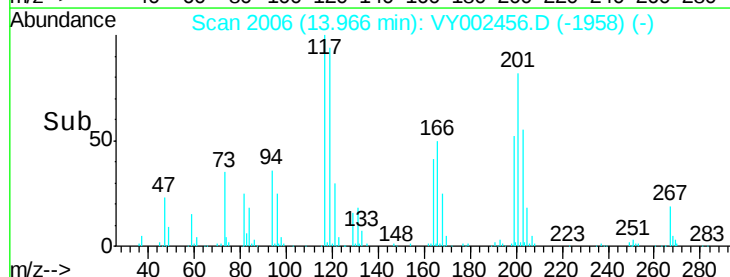
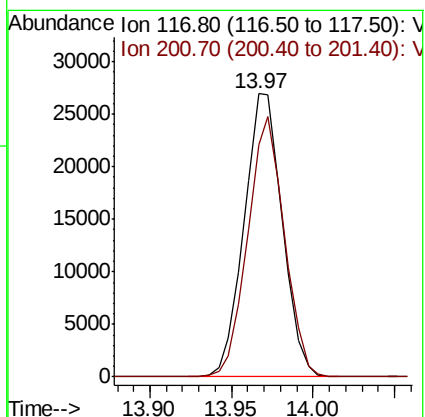
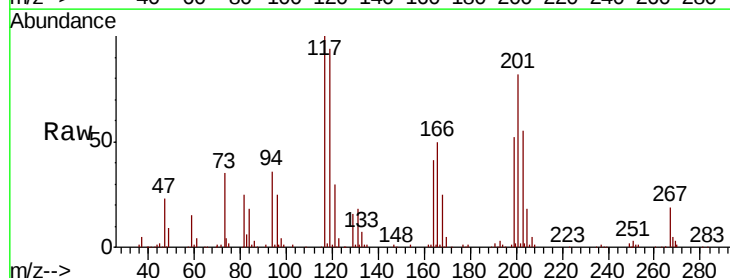
Acq: 23 Apr 2020 12:04

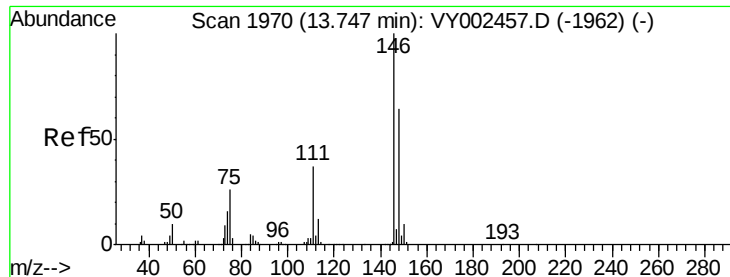
Tgt Ion: 117 Resp: 43870

Ion Ratio Lower Upper

117 100

201 88.1 44.4 133.1

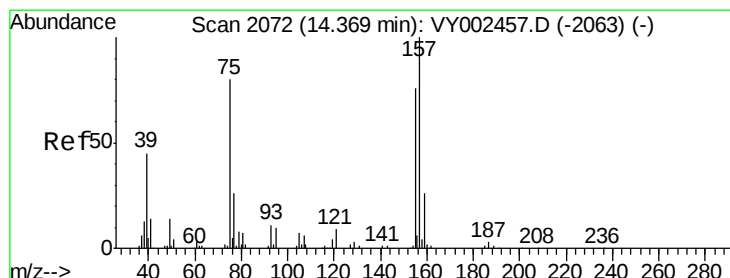
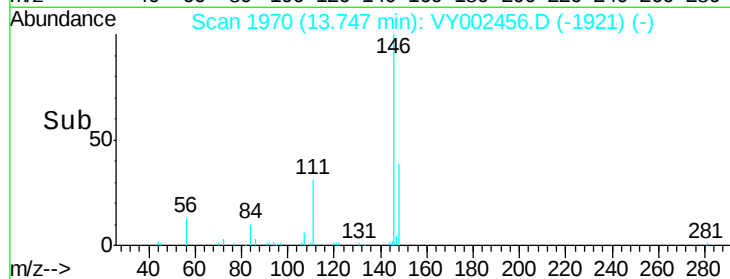
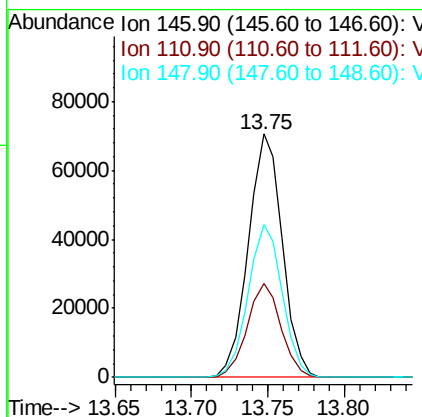
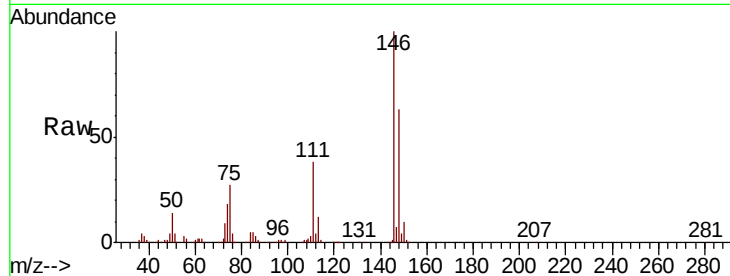




#91
 1,2-Dichlorobenzene
 Concen: 19.762 ug/l
 RT: 13.75 min Scan# 1970
 Delta R.T. -0.00 min
 Lab File: VY002456.D
 Acq: 23 Apr 2020 12:04

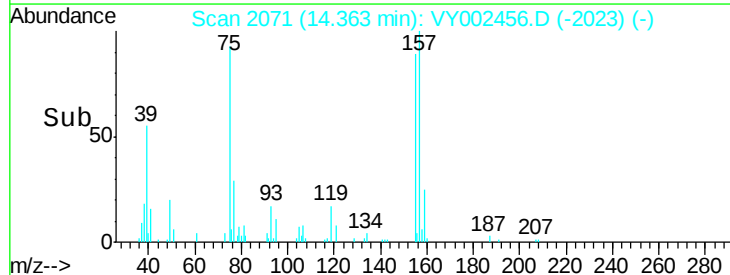
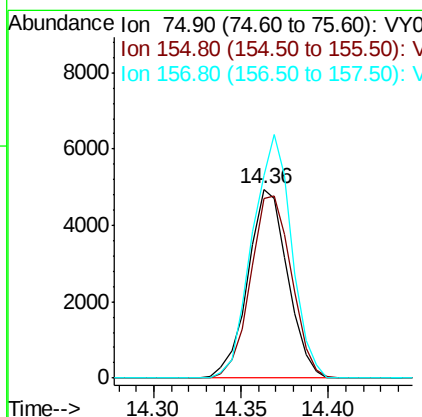
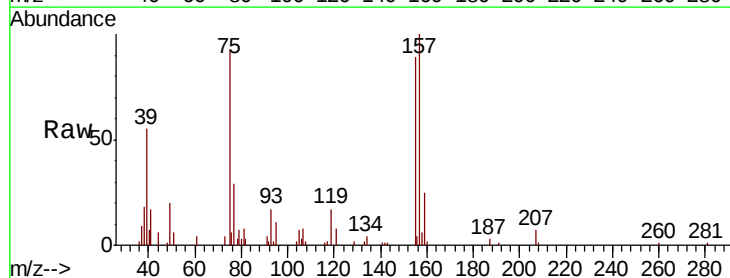
Instrument :
 MSVOA_Y
 ClientSampleId :

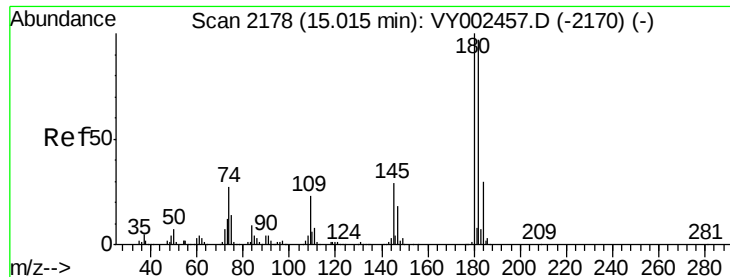
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.2	18.9	56.9
148	63.3	31.6	94.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.253 ug/l
 RT: 14.36 min Scan# 2071
 Delta R.T. -0.01 min
 Lab File: VY002456.D
 Acq: 23 Apr 2020 12:04

Tgt Ion	Ratio	Lower	Upper
75	100		
155	99.1	49.6	149.0
157	127.5	62.6	187.9

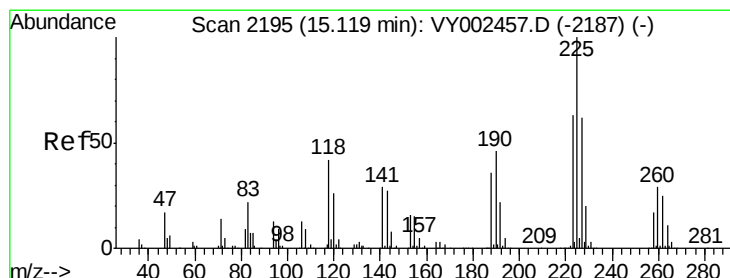
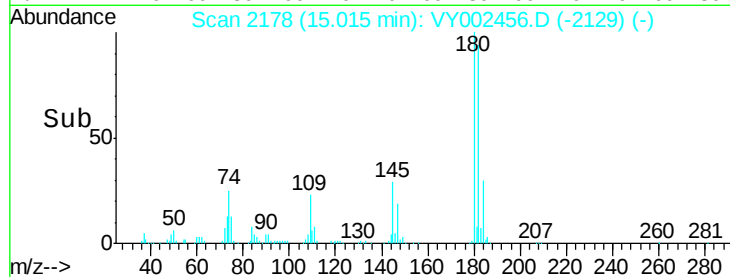
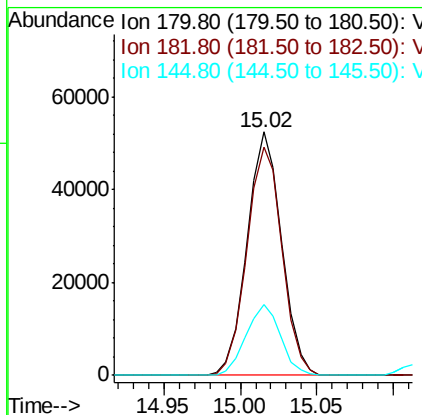
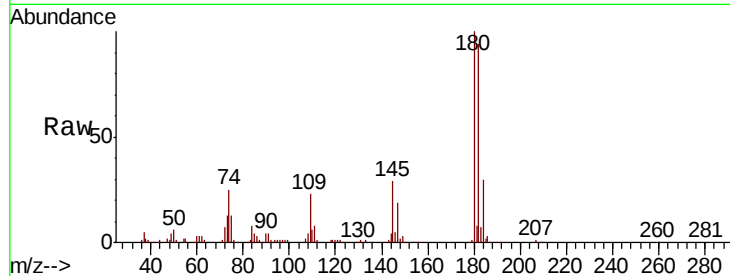




#93
 1,2,4-Trichlorobenzene
 Concen: 20.085 ug/l
 RT: 15.02 min Scan# 2178
 Delta R.T. -0.00 min
 Lab File: VY002456.D
 Acq: 23 Apr 2020 12:04

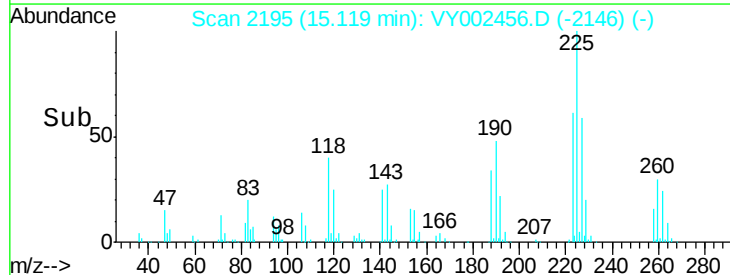
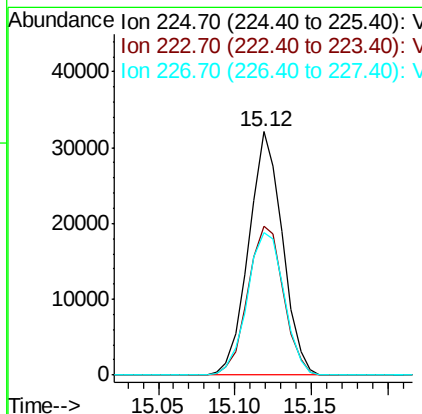
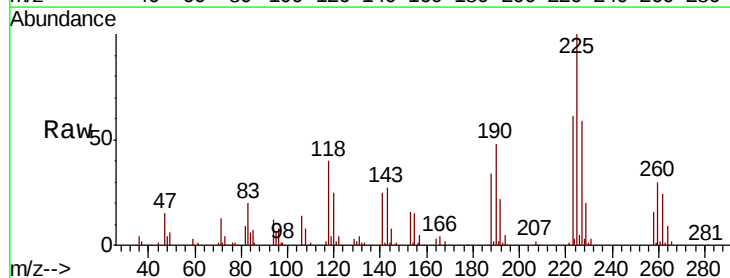
Instrument :
 MSVOA_Y
 ClientSampleId :

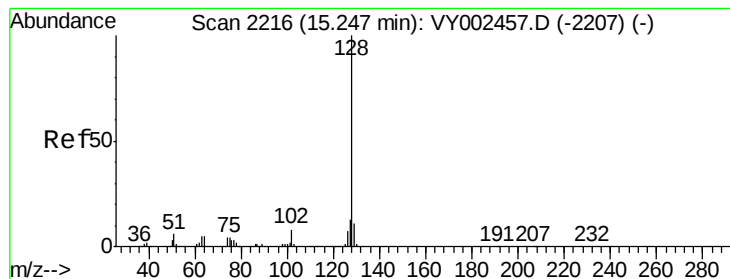
Tot Ion:180 Resp: 82048
 Ion Ratio Lower Upper
 180 100
 182 95.6 47.9 143.7
 145 29.3 14.2 42.6



#94
 Hexachlorobutadiene
 Concen: 19.882 ug/l
 RT: 15.12 min Scan# 2195
 Delta R.T. -0.00 min
 Lab File: VY002456.D
 Acq: 23 Apr 2020 12:04

Tgt Ion:225 Resp: 49377
 Ion Ratio Lower Upper
 225 100
 223 64.4 31.1 93.3
 227 63.7 31.5 94.5





#95

Naphthalene

Concen: 20.349 ug/l

RT: 15.25 min Scan# 2216

Delta R.T. -0.00 min

Lab File: VY002456.D

Acq: 23 Apr 2020 12:04

Instrument :

MSVOA_Y

ClientSampleId :

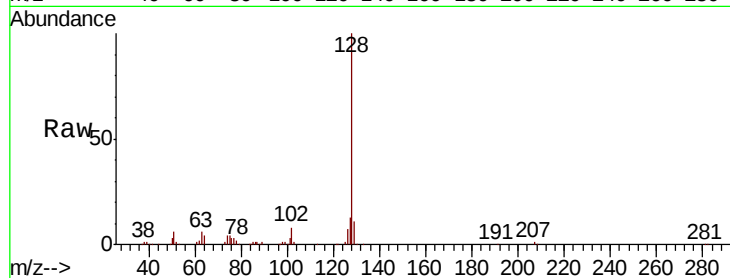
Tot Ion:128 Resp: 151082

Ion Ratio Lower Upper

128 100

127 13.3 10.5 15.7

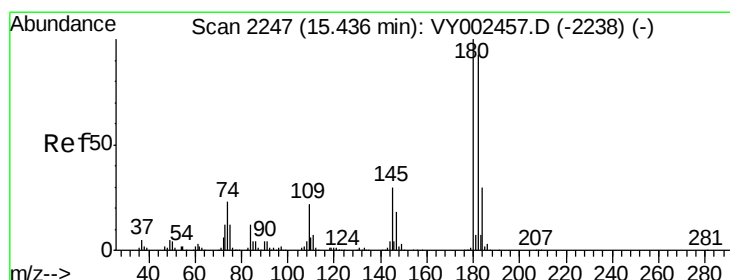
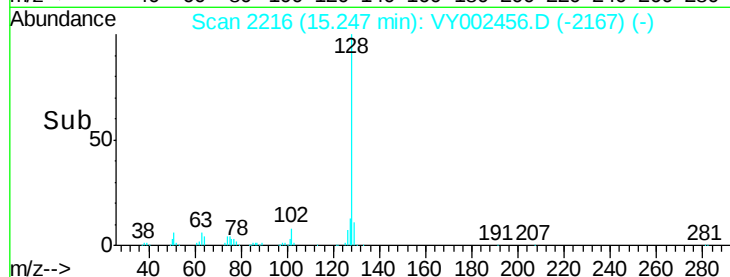
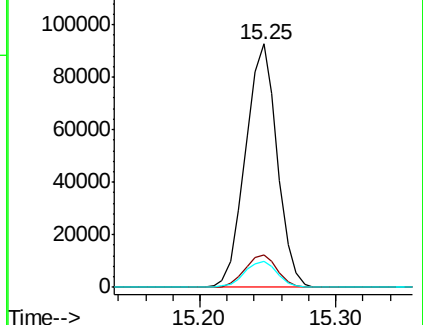
129 11.1 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 20.185 ug/l

RT: 15.44 min Scan# 2247

Delta R.T. -0.00 min

Lab File: VY002456.D

Acq: 23 Apr 2020 12:04

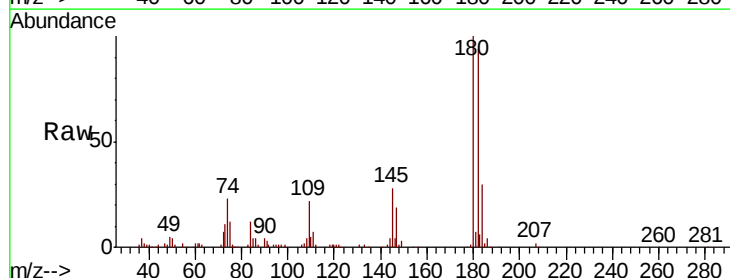
Tgt Ion:180 Resp: 69465

Ion Ratio Lower Upper

180 100

182 95.7 47.5 142.6

145 29.7 15.3 45.9



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

