

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY050420\
 Data File : VY002531.D
 Acq On : 04 May 2020 11:35
 Operator : SY/MD
 Sample : VY0504SBSD01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0504SBSD01

Quant Time: May 04 14:37:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
 Quant Title : SW846 8260
 QLast Update : Mon May 04 12:22:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	380566	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.69	114	557537	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.49	117	506250	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	266320	50.00	ug/l	-0.01

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	163338	51.05	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	102.10%	
35) Dibromofluoromethane	7.72	113	165538	51.92	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	103.84%	
50) Toluene-d8	10.18	98	644667	51.77	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	103.54%	
62) 4-Bromofluorobenzene	12.48	95	220142	52.10	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	104.20%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	46183	15.947	ug/l	97
3) Chloromethane	2.12	50	56643	18.371	ug/l	100
4) Vinyl Chloride	2.26	62	63329	17.788	ug/l	97
5) Bromomethane	2.63	94	43859	17.864	ug/l	97
6) Chloroethane	2.79	64	39930	18.783	ug/l	99
7) Trichlorofluoromethane	3.13	101	105072	19.042	ug/l	98
8) Diethyl Ether	3.54	74	37193	20.058	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.91	101	64430	19.105	ug/l	98
10) Methyl Iodide	4.10	142	84884	18.475	ug/l	100
11) Tert butyl alcohol	4.97	59	36042	109.480	ug/l	99
12) 1,1-Dichloroethene	3.88	96	62545	19.091	ug/l	100
13) Acrolein	3.74	56	19647	86.303	ug/l	92
14) Allyl chloride	4.49	41	94374	19.771	ug/l	98
15) Acrylonitrile	5.18	53	92099	105.324	ug/l	99
16) Acetone	3.96	43	72136	109.234	ug/l	100
17) Carbon Disulfide	4.20	76	174378	17.693	ug/l	98
18) Methyl Acetate	4.49	43	45162	20.468	ug/l	99
19) Methyl tert-butyl Ether	5.23	73	173989	20.356	ug/l	97
20) Methylene Chloride	4.72	84	78647	21.297	ug/l	98
21) trans-1,2-Dichloroethene	5.23	96	69432	19.391	ug/l	95
22) Diisopropyl ether	6.13	45	197476	20.446	ug/l	98
23) Vinyl Acetate	6.07	43	622714	102.521	ug/l	99
24) 1,1-Dichloroethane	6.03	63	113055	19.786	ug/l	98
25) 2-Butanone	7.00	43	115365	106.720	ug/l	95
26) 2,2-Dichloropropane	6.99	77	107439	19.782	ug/l	98
27) cis-1,2-Dichloroethene	6.99	96	77657	19.600	ug/l	99
28) Bromochloromethane	7.34	49	47895	20.459	ug/l	98
29) Tetrahydrofuran	7.36	42	74955	104.801	ug/l	99
30) Chloroform	7.52	83	118723	19.983	ug/l	100
31) Cyclohexane	7.79	56	108456	18.857	ug/l	97
32) 1,1,1-Trichloroethane	7.71	97	109059	19.750	ug/l	99
36) 1,1-Dichloropropene	7.93	75	92404	19.770	ug/l	100
37) Ethyl Acetate	7.08	43	51095	21.274	ug/l	99
38) Carbon Tetrachloride	7.91	117	100953	19.784	ug/l	97

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 Quant Title : SW846 8260
 QLast Update : Mon May 04 12:22:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	117771	19.077	ug/l	98
40) Benzene	8.17	78	267060	19.783	ug/l	100
41) Methacrylonitrile	7.35	41	69686	53.963	ug/l #	1
42) 1,2-Dichloroethane	8.24	62	76963	20.326	ug/l	100
43) Isopropyl Acetate	8.28	43	94197	20.920	ug/l	99
44) Trichloroethene	8.94	130	85254	20.209	ug/l	95
45) 1,2-Dichloropropane	9.22	63	65043	19.964	ug/l	100
46) Dibromomethane	9.31	93	38511	20.545	ug/l	100
47) Bromodichloromethane	9.50	83	92553	20.306	ug/l	99
48) Methyl methacrylate	9.30	41	42843	21.024	ug/l	99
49) 1,4-Dioxane	9.30	88	11264	453.845	ug/l	98
51) 4-Methyl-2-Pentanone	10.07	43	252057	108.605	ug/l	99
52) Toluene	10.25	92	172424	19.875	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	97902	20.501	ug/l	95
54) cis-1,3-Dichloropropene	9.93	75	111978	20.283	ug/l	98
55) 1,1,2-Trichloroethane	10.64	97	55857	20.434	ug/l	99
56) Ethyl methacrylate	10.51	69	76577	21.058	ug/l	98
57) 1,3-Dichloropropane	10.79	76	94843	20.459	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	204959	106.877	ug/l	99
59) 2-Hexanone	10.83	43	172164	107.779	ug/l	100
60) Dibromochloromethane	10.99	129	72422	20.831	ug/l	98
61) 1,2-Dibromoethane	11.09	107	55788	20.611	ug/l	99
64) Tetrachloroethene	10.72	164	94435	20.995	ug/l	95
65) Chlorobenzene	11.52	112	192845	20.038	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	72744	20.363	ug/l	100
67) Ethyl Benzene	11.60	91	336135	19.884	ug/l	99
68) m/p-Xylenes	11.70	106	259608	39.690	ug/l	98
69) o-Xylene	12.03	106	123476	20.161	ug/l	99
70) Styrene	12.05	104	213236	20.367	ug/l	99
71) Bromoform	12.21	173	47193	21.284	ug/l #	98
73) Isopropylbenzene	12.33	105	340224	19.712	ug/l	99
74) N-amyl acetate	12.14	43	87313	21.029	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	54458	19.839	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	87757	37.080	ug/l #	100
77) Bromobenzene	12.61	156	85708	19.875	ug/l	98
78) n-propylbenzene	12.67	91	394180	19.679	ug/l	100
79) 2-Chlorotoluene	12.75	91	218163	19.663	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	284228	19.866	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	24381	20.657	ug/l	97
82) 4-Chlorotoluene	12.86	91	229112	19.658	ug/l	100
83) tert-Butylbenzene	13.08	119	251929	20.082	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	284357	19.943	ug/l	100
85) sec-Butylbenzene	13.25	105	348157	20.000	ug/l	99
86) p-Isopropyltoluene	13.37	119	323420	19.829	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	163865	20.077	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	162691	20.131	ug/l	98
89) n-Butylbenzene	13.70	91	296361	19.959	ug/l	99
90) Hexachloroethane	13.96	117	59360	19.984	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	148176	20.346	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	11204	21.896	ug/l	97

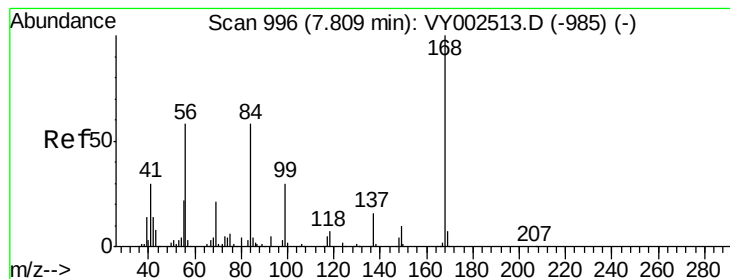
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY050420\
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Quant Title : SW846 8260
QLast Update : Mon May 04 12:22:08 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	111370	21.064	ug/l	99
94) Hexachlorobutadiene	15.11	225	66100	20.827	ug/l	99
95) Naphthalene	15.24	128	204699	21.222	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	96455	21.489	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY002531.D

Acq: 04 May 2020 11:35

Instrument :

MSVOA_Y

ClientSampleId :

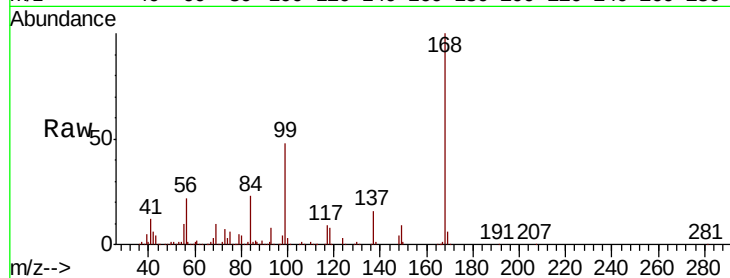
VY0504SBSD01

Tot Ion:168 Resp: 380566

Ion Ratio Lower Upper

168 100

99 48.0 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY002531.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY002531.D (-985) (-)

7.80

150000

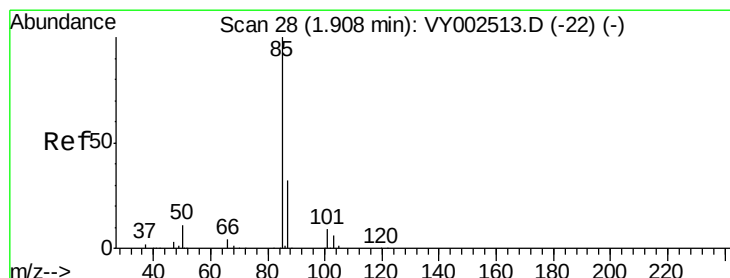
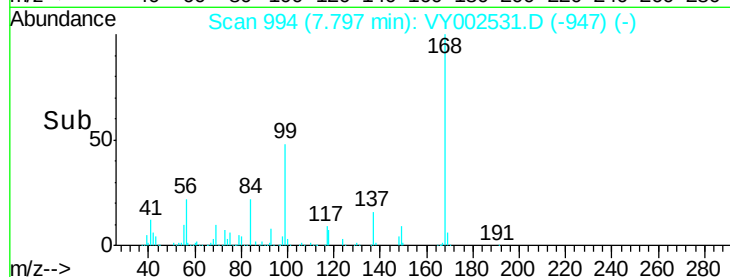
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 15.947 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.00 min

Lab File: VY002531.D

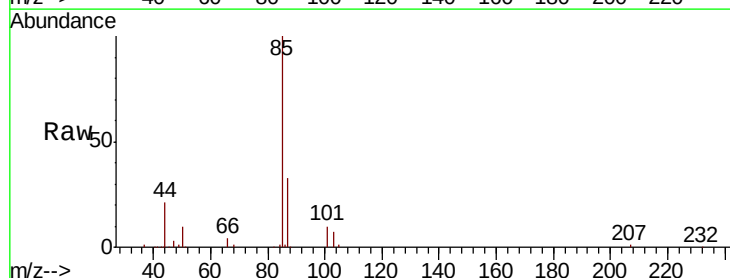
Acq: 04 May 2020 11:35

Tgt Ion: 85 Resp: 46183

Ion Ratio Lower Upper

85 100

87 33.2 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VY002531.D (-22) (-)

Ion 86.90 (86.60 to 87.60): VY002531.D (-22) (-)

1.91

30000

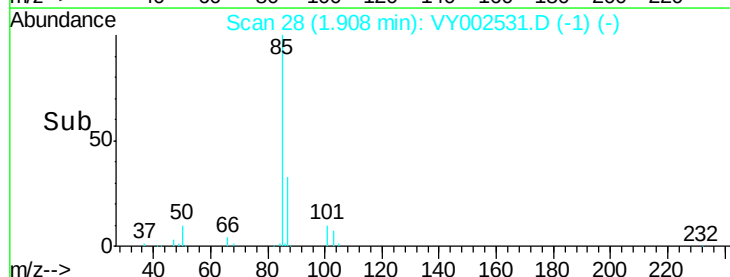
20000

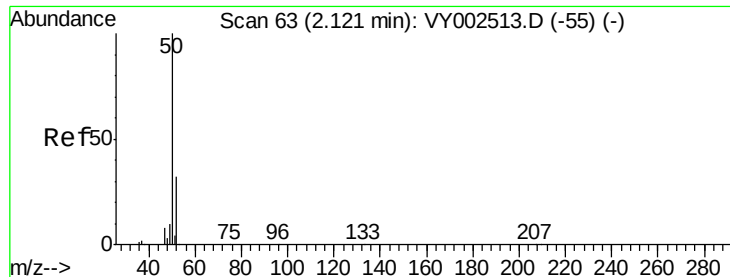
10000

0

1.85 1.90 1.95 2.00

Time-->





#3

Chloromethane

Concen: 18.371 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.01 min

Lab File: VY002531.D

Acq: 04 May 2020 11:35

Instrument :

MSVOA_Y

ClientSampleId :

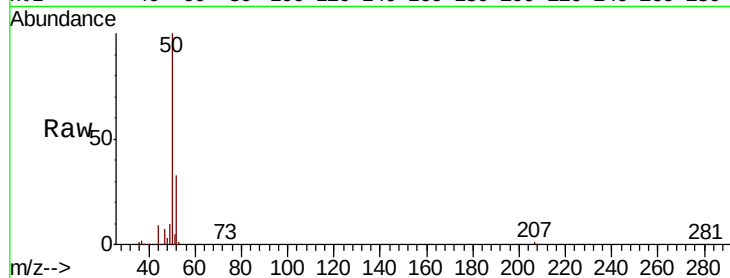
VY0504SBS01

Tot Ion: 50 Resp: 56643

Ion Ratio Lower Upper

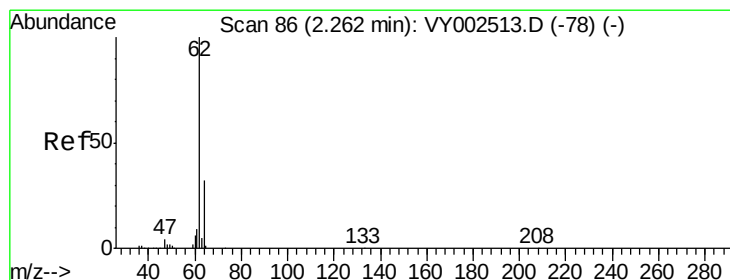
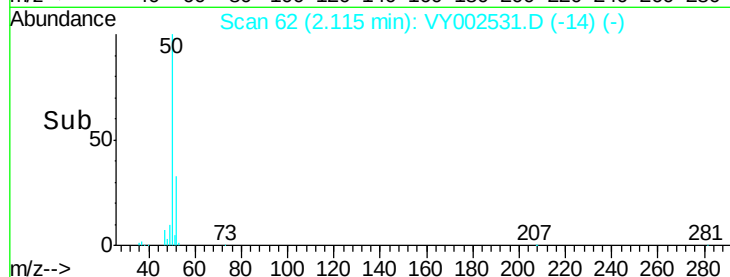
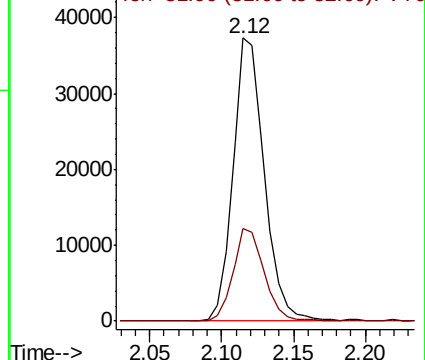
50 100

52 32.6 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 17.788 ug/l

RT: 2.26 min Scan# 85

Delta R.T. -0.01 min

Lab File: VY002531.D

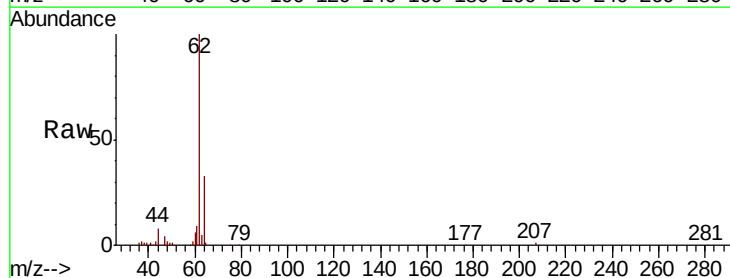
Acq: 04 May 2020 11:35

Tgt Ion: 62 Resp: 63329

Ion Ratio Lower Upper

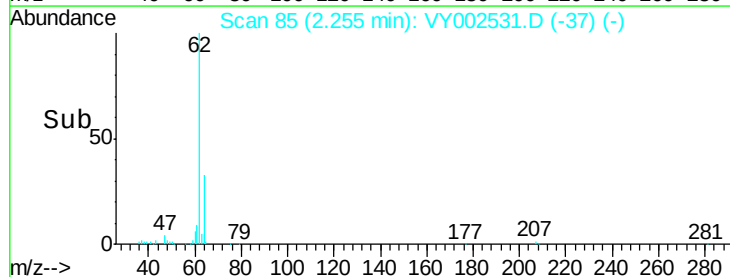
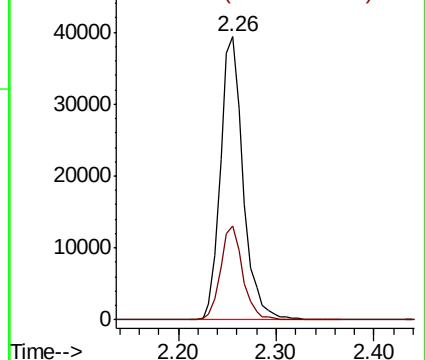
62 100

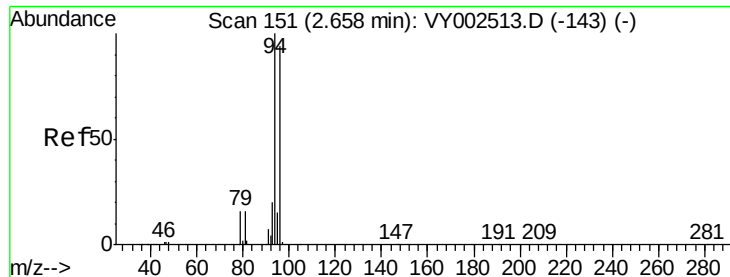
64 33.3 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 17.864 ug/l

RT: 2.63 min Scan# 147

Delta R.T. -0.02 min

Lab File: VY002531.D

Acq: 04 May 2020 11:35

Instrument :

MSVOA_Y

ClientSampleId :

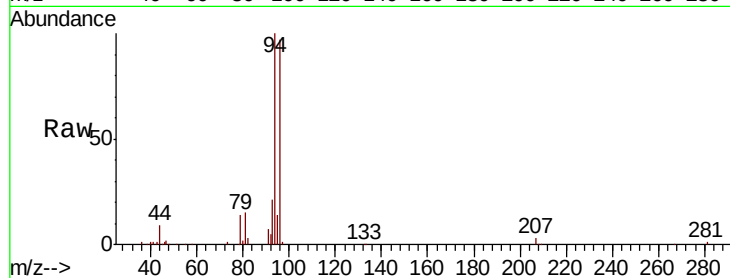
VY0504SBSD01

Tot Ion: 94 Resp: 43859

Ion Ratio Lower Upper

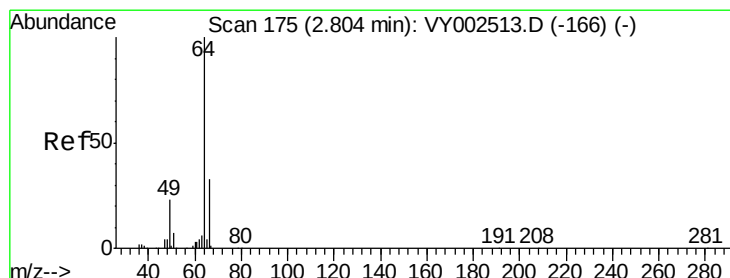
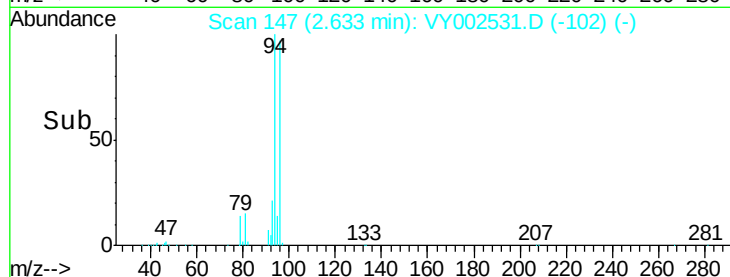
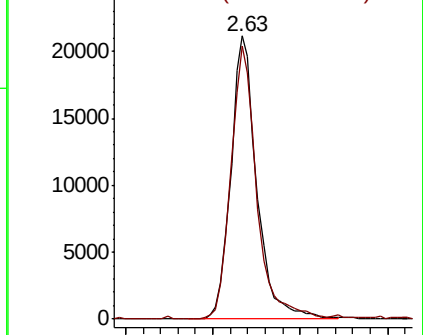
94 100

96 96.6 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 18.783 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.01 min

Lab File: VY002531.D

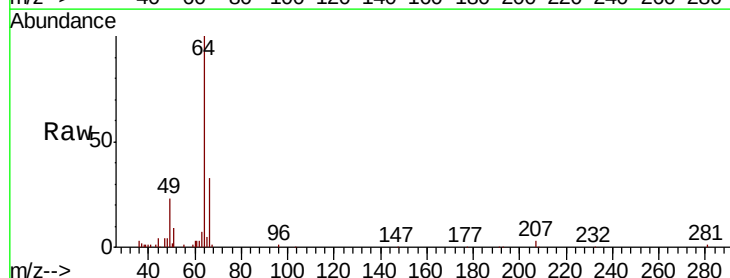
Acq: 04 May 2020 11:35

Tgt Ion: 64 Resp: 39930

Ion Ratio Lower Upper

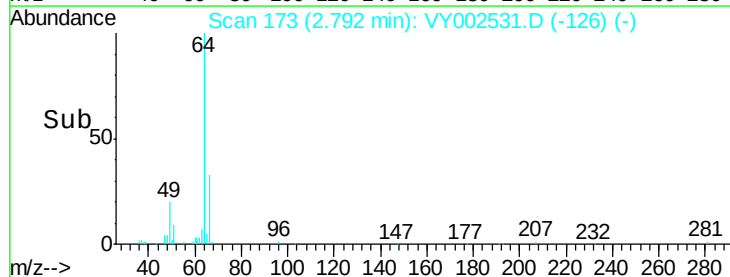
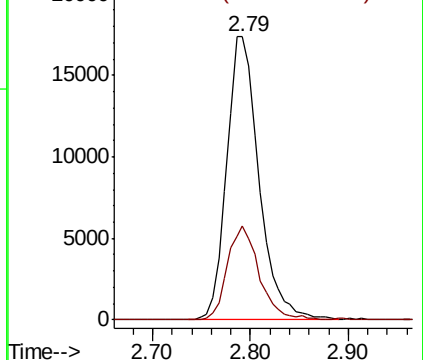
64 100

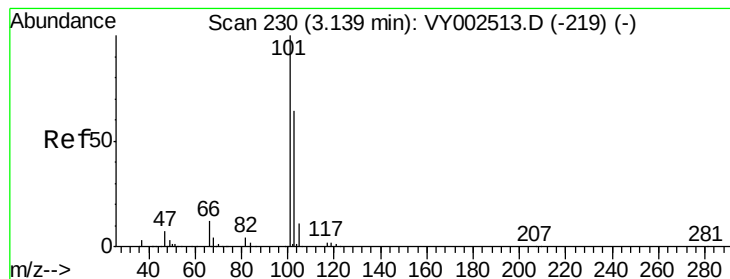
66 33.3 26.3 39.5



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



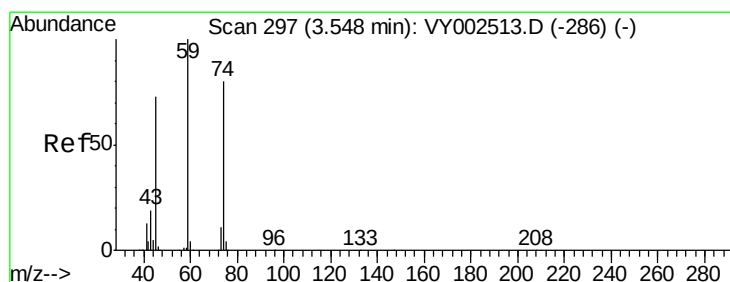
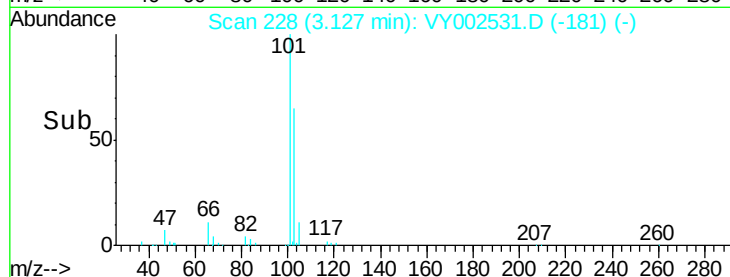
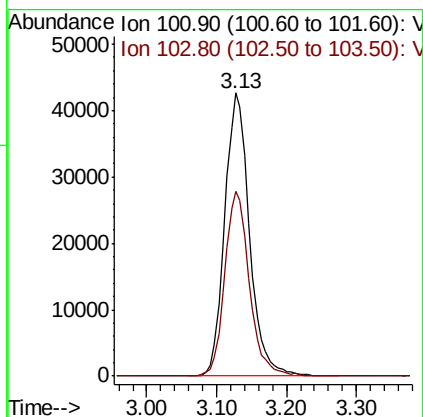
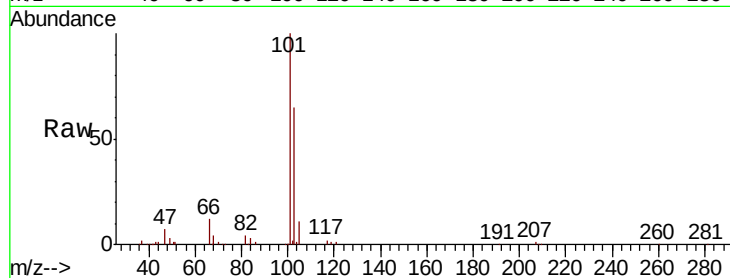


#7

Trichlorofluoromethane
 Concen: 19.042 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. -0.01 min
 Lab File: VY002531.D
 Acq: 04 May 2020 11:35

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0504SBSD01

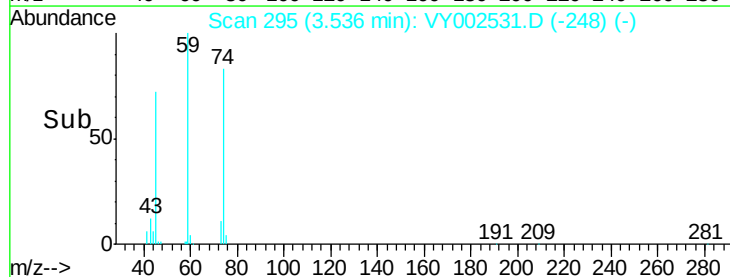
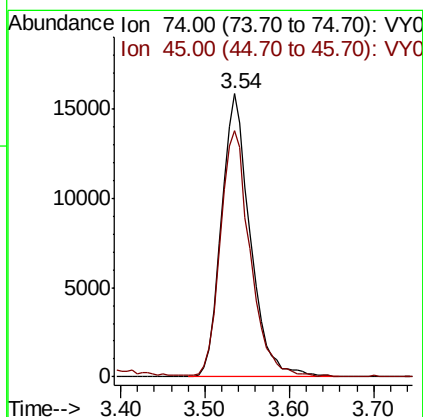
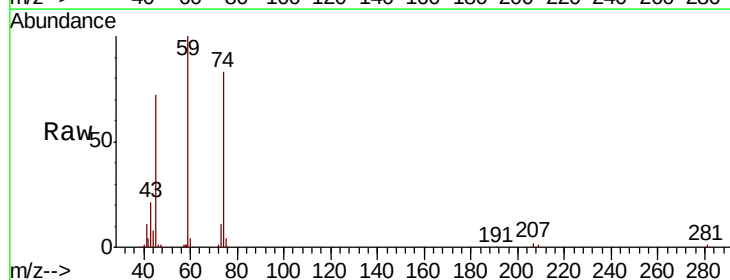
Tot Ion:101 Resp: 105072
 Ion Ratio Lower Upper
 101 100
 103 65.4 51.4 77.0

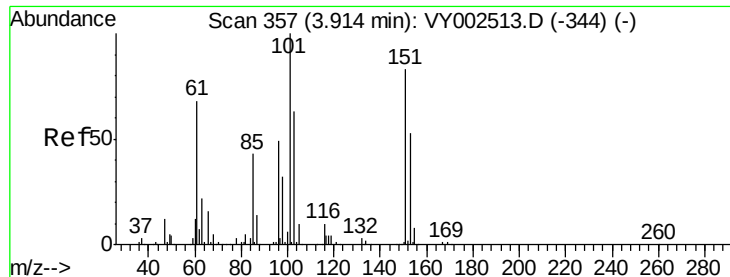


#8

Diethyl Ether
 Concen: 20.058 ug/l
 RT: 3.54 min Scan# 295
 Delta R.T. -0.01 min
 Lab File: VY002531.D
 Acq: 04 May 2020 11:35

Tgt Ion: 74 Resp: 37193
 Ion Ratio Lower Upper
 74 100
 45 90.7 46.2 138.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.105 ug/l

RT: 3.91 min Scan# 356

Delta R.T. -0.01 min

Lab File: VY002531.D

Acq: 04 May 2020 11:35

Instrument :

MSVOA_Y

ClientSampleId :

VY0504SBSD01

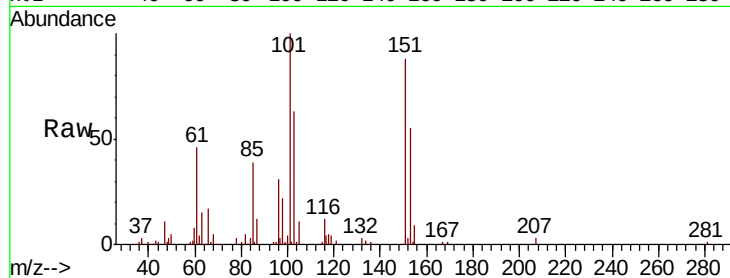
Tot Ion:101 Resp: 64430

Ion Ratio Lower Upper

101 100

85 42.8 33.4 50.2

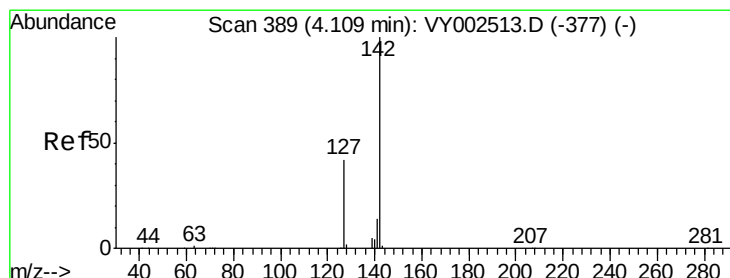
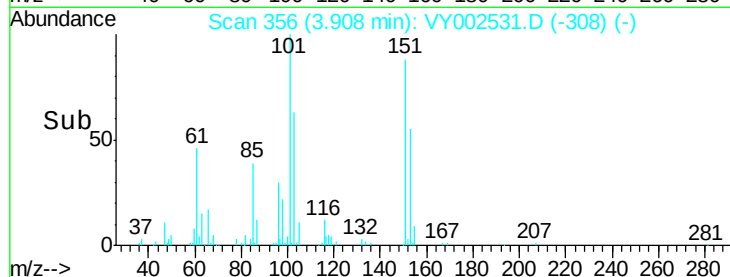
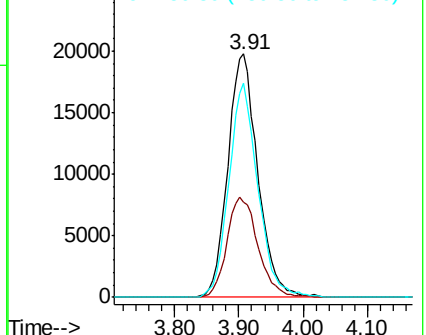
151 84.9 66.8 100.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VY0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.475 ug/l

RT: 4.10 min Scan# 387

Delta R.T. -0.01 min

Lab File: VY002531.D

Acq: 04 May 2020 11:35

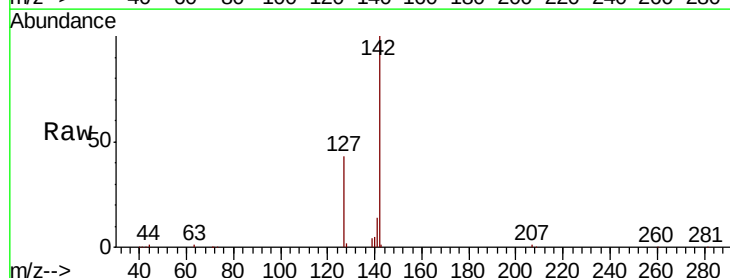
Tgt Ion:142 Resp: 84884

Ion Ratio Lower Upper

142 100

127 41.9 33.7 50.5

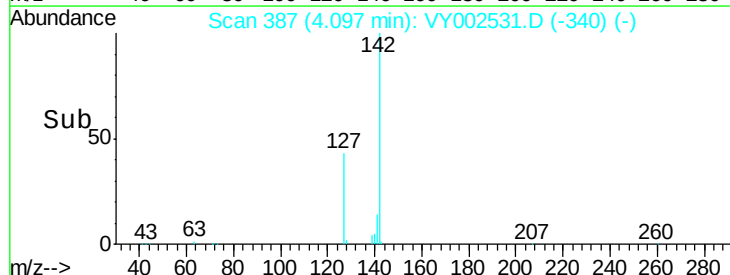
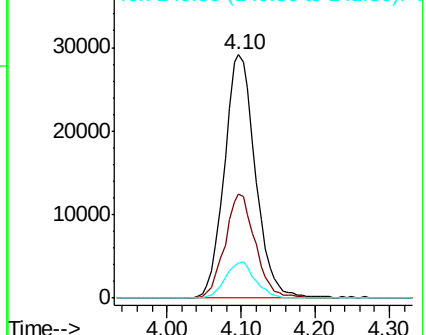
141 14.3 11.4 17.0

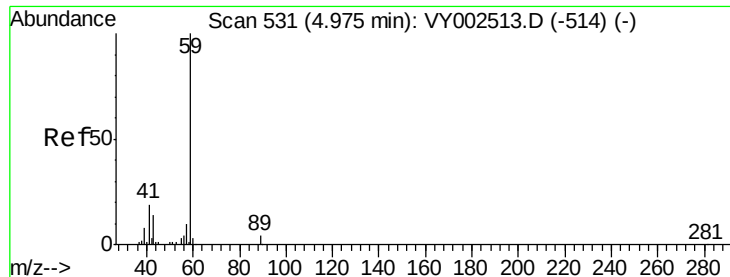


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



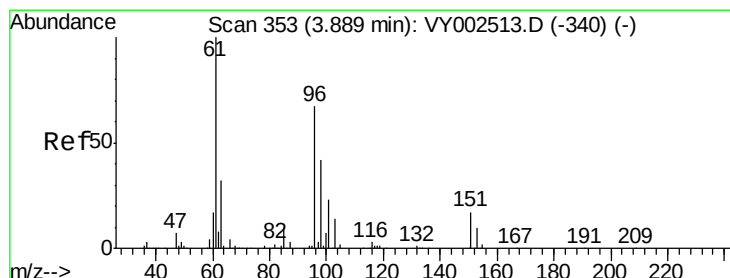
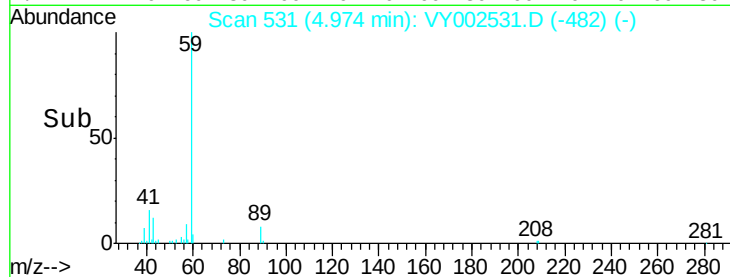
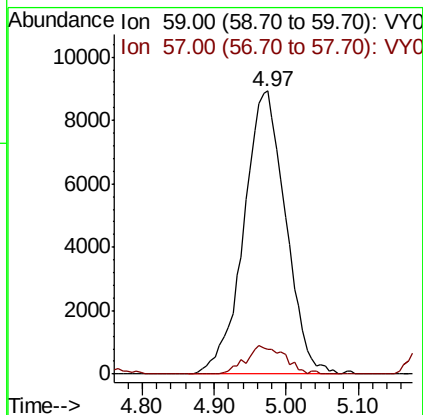
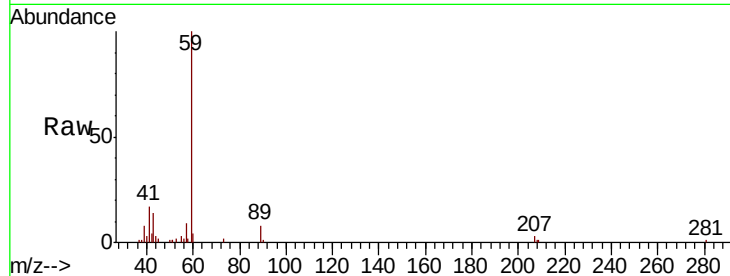


#11

Tert butyl alcohol
 Concen: 109.480 ug/l
 RT: 4.97 min Scan# 531
 Delta R.T. -0.00 min
 Lab File: VY002531.D
 Acq: 04 May 2020 11:35

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0504SBSD01

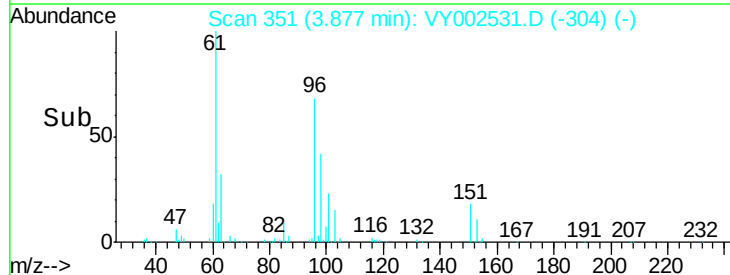
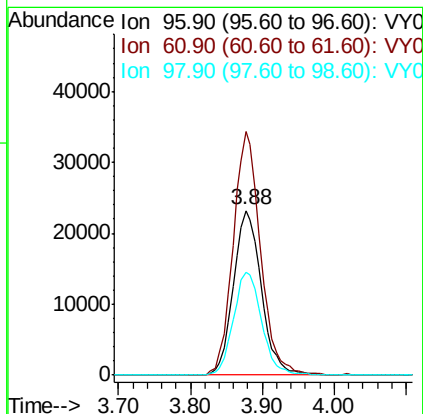
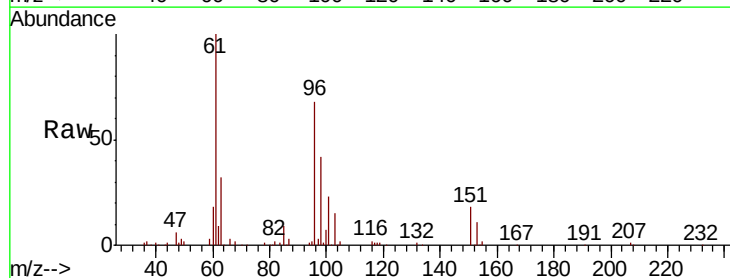
Tot Ion: 59 Resp: 36042
 Ion Ratio Lower Upper
 59 100
 57 9.4 7.8 11.6

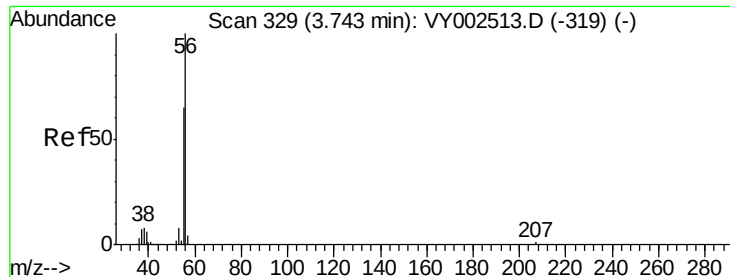


#12

1,1-Dichloroethene
 Concen: 19.091 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. -0.01 min
 Lab File: VY002531.D
 Acq: 04 May 2020 11:35

Tgt Ion: 96 Resp: 62545
 Ion Ratio Lower Upper
 96 100
 61 148.1 118.8 178.2
 98 62.4 49.6 74.4





#13

Acrolein

Concen: 86.303 ug/l

RT: 3.74 min Scan# 328

Delta R.T. -0.01 min

Lab File: VY002531.D

Acq: 04 May 2020 11:35

Instrument :

MSVOA_Y

ClientSampleId :

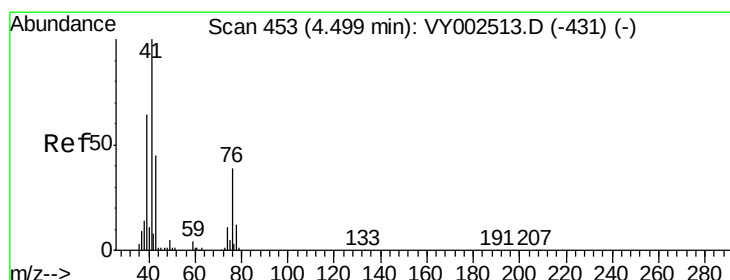
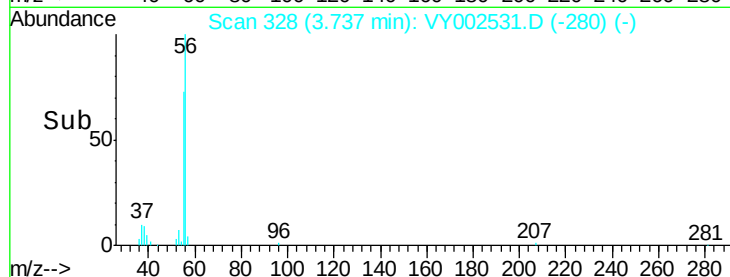
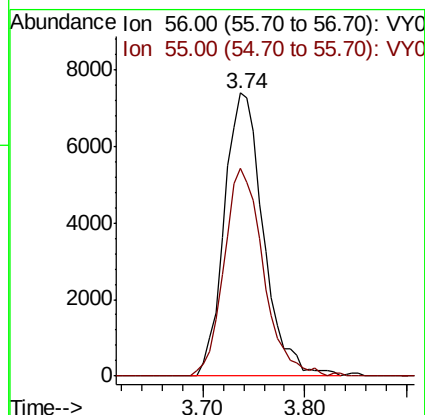
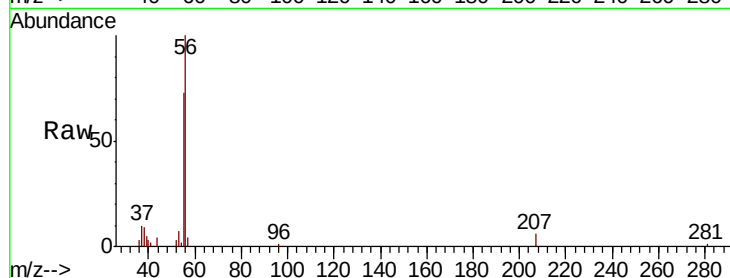
VY0504SBS01

Tot Ion: 56 Resp: 19647

Ion Ratio Lower Upper

56 100

55 73.5 53.8 80.6



#14

Allyl chloride

Concen: 19.771 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.01 min

Lab File: VY002531.D

Acq: 04 May 2020 11:35

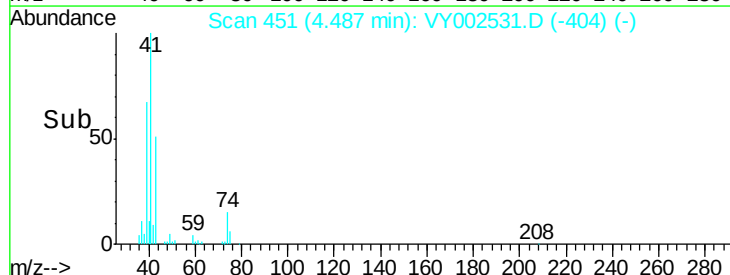
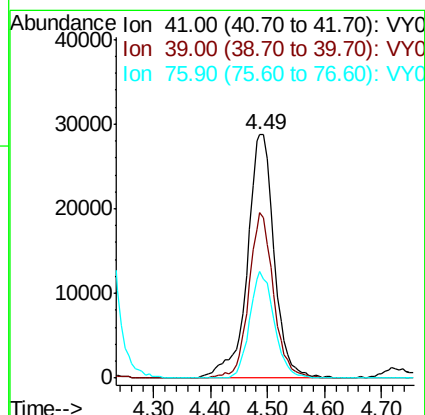
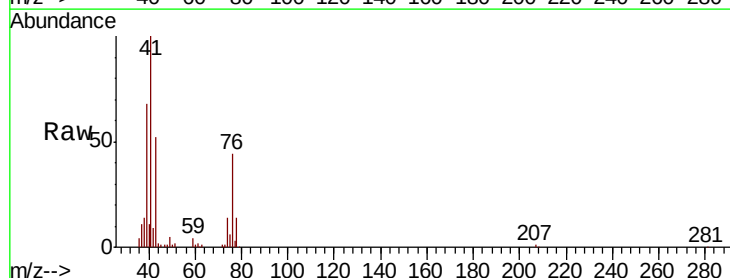
Tgt Ion: 41 Resp: 94374

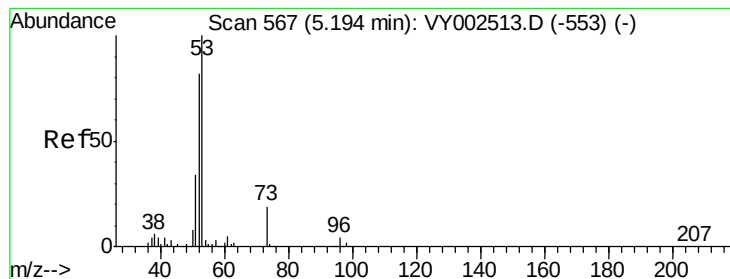
Ion Ratio Lower Upper

41 100

39 62.6 51.8 77.6

76 40.0 31.7 47.5





#15

Acrylonitrile

Concen: 105.324 ug/l

RT: 5.18 min Scan# 564

Delta R.T. -0.02 min

Lab File: VY002531.D

Acq: 04 May 2020 11:35

Instrument :

MSVOA_Y

ClientSampleId :

VY0504SBS01

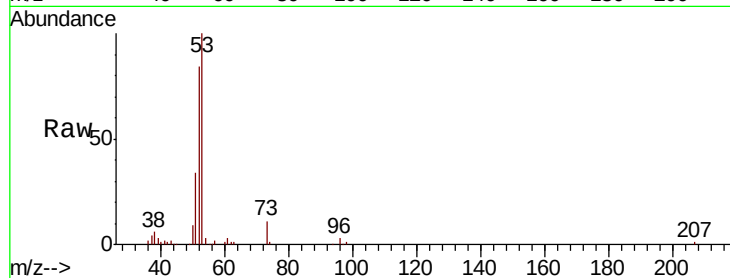
Tot Ion: 53 Resp: 92099

Ion Ratio Lower Upper

53 100

52 81.9 65.4 98.0

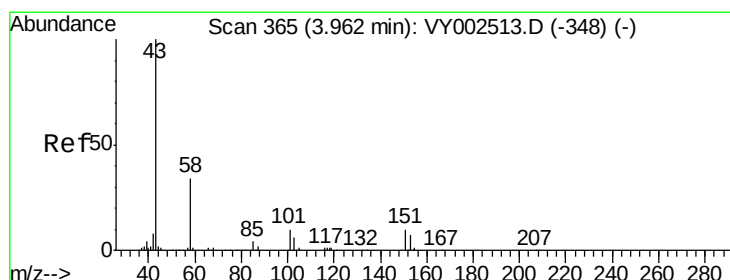
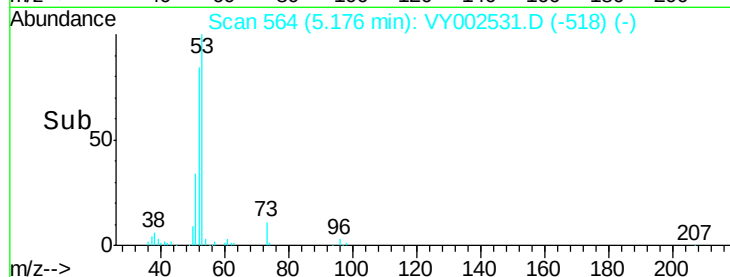
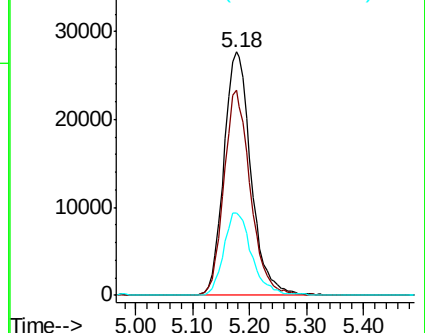
51 35.0 28.7 43.1



Abundance Ion 53.00 (52.70 to 53.70): VY0

Ion 52.00 (51.70 to 52.70): VY0

Ion 51.00 (50.70 to 51.70): VY0



#16

Acetone

Concen: 109.234 ug/l

RT: 3.96 min Scan# 365

Delta R.T. -0.00 min

Lab File: VY002531.D

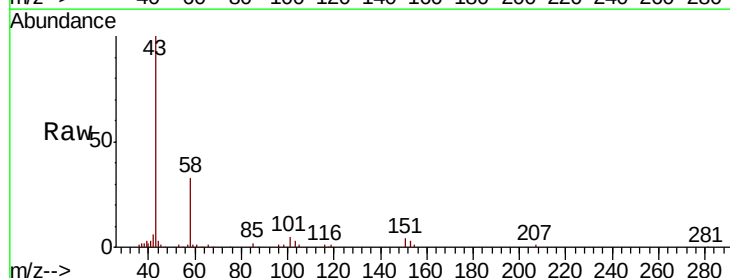
Acq: 04 May 2020 11:35

Tgt Ion: 43 Resp: 72136

Ion Ratio Lower Upper

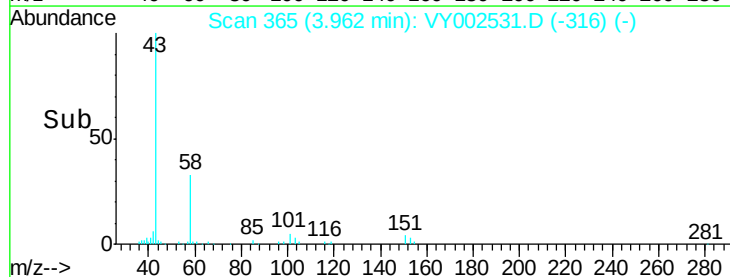
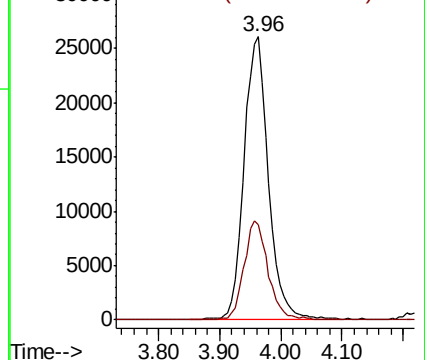
43 100

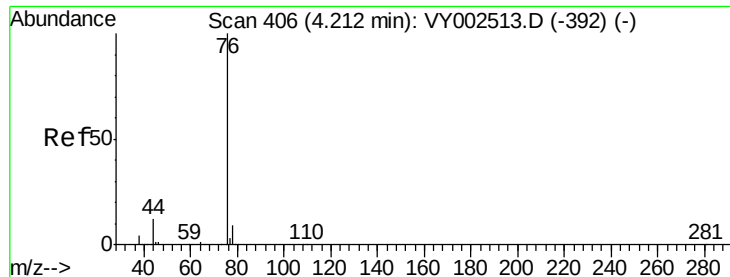
58 33.5 26.9 40.3



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0





#17

Carbon Disulfide

Concen: 17.693 ug/l

RT: 4.20 min Scan# 404

Delta R.T. -0.01 min

Lab File: VY002531.D

Acq: 04 May 2020 11:35

Instrument :

MSVOA_Y

ClientSampleId :

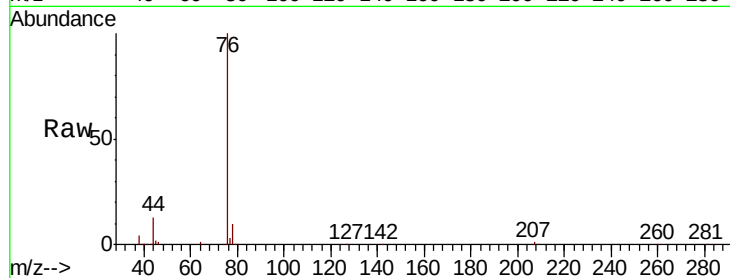
VY0504SBS01

Tot Ion: 76 Resp: 174378

Ion Ratio Lower Upper

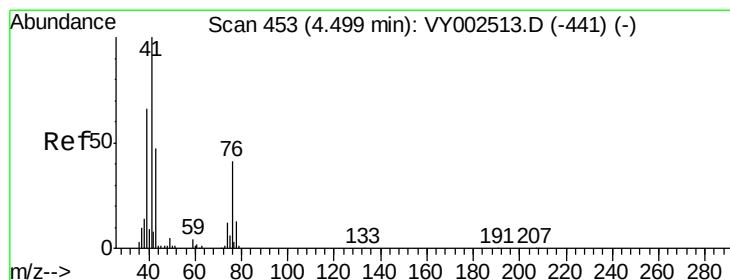
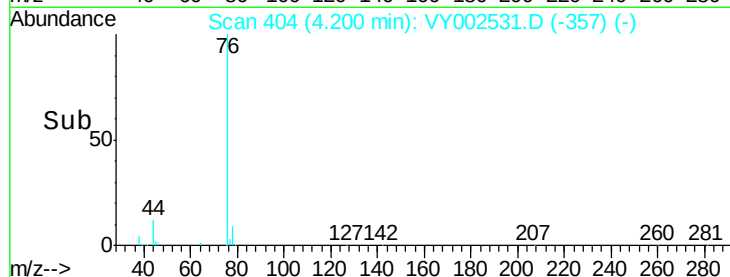
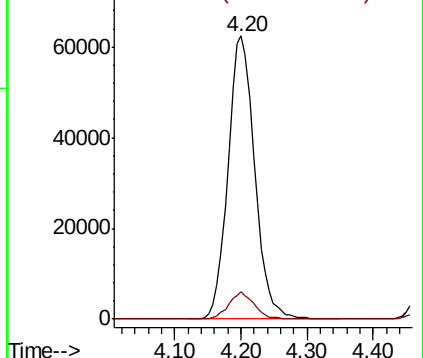
76 100

78 9.9 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 20.468 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.01 min

Lab File: VY002531.D

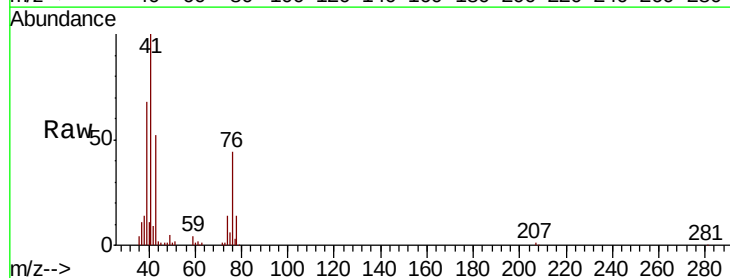
Acq: 04 May 2020 11:35

Tgt Ion: 43 Resp: 45162

Ion Ratio Lower Upper

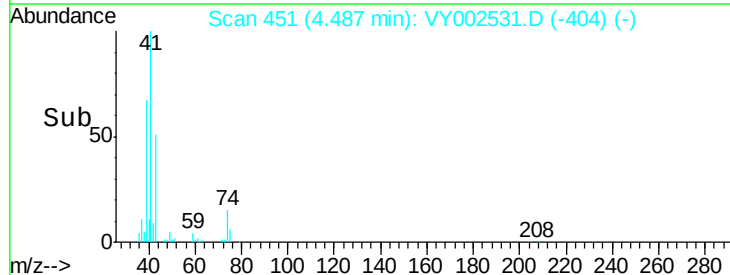
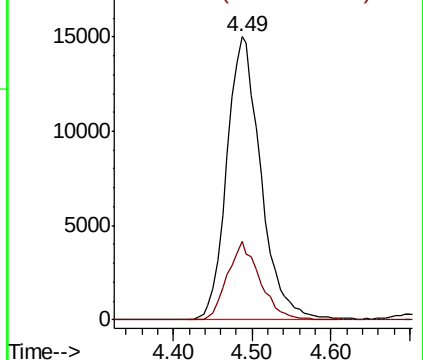
43 100

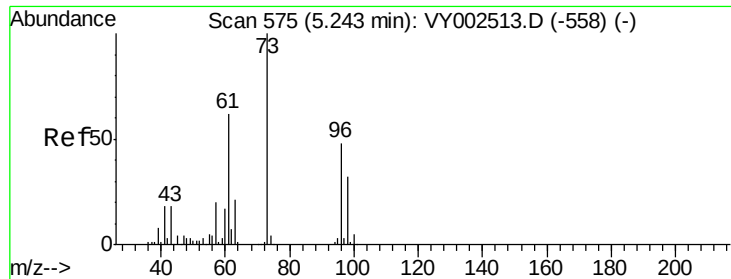
74 26.1 21.2 31.8



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0

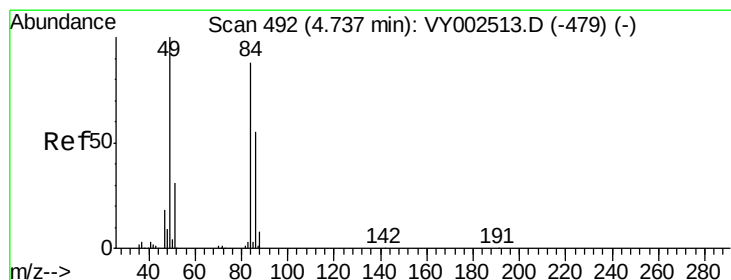
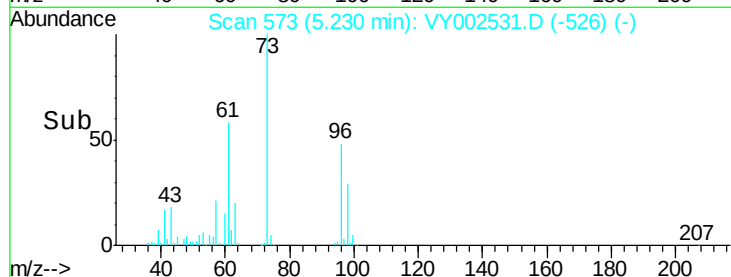
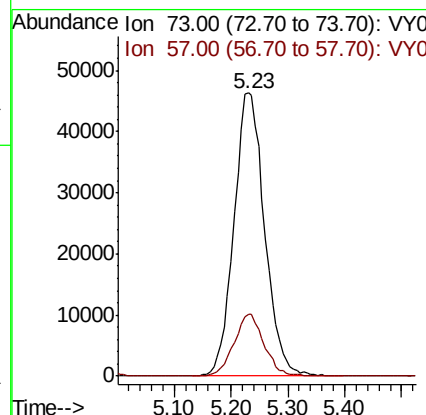
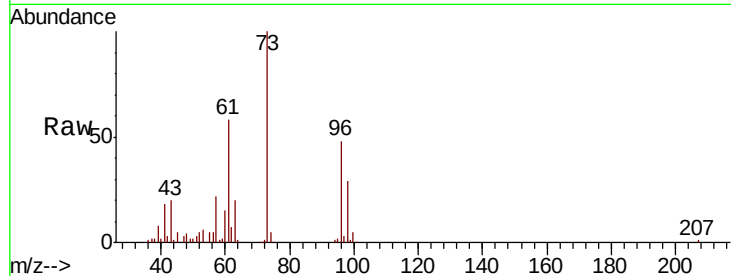




#19
Methyl tert-butyl Ether
Concen: 20.356 ug/l
RT: 5.23 min Scan# 573
Delta R.T. -0.01 min
Lab File: VY002531.D
Acq: 04 May 2020 11:35

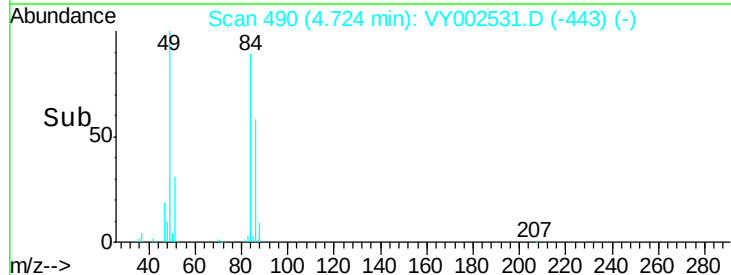
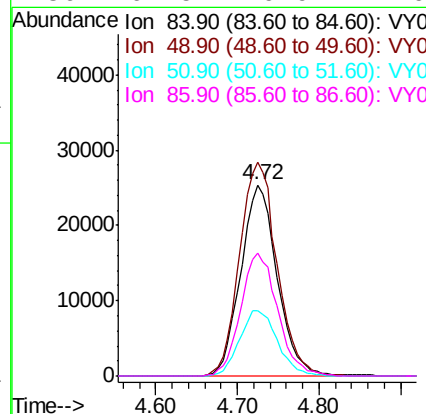
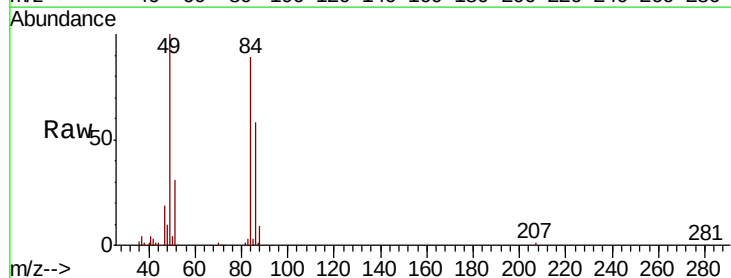
Instrument :
MSVOA_Y
ClientSampleId :
VY0504SBSD01

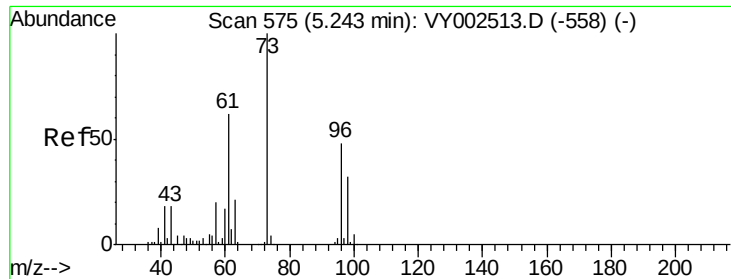
Tot Ion: 73 Resp: 173989
Ion Ratio Lower Upper
73 100
57 21.8 16.3 24.5



#20
Methylene Chloride
Concen: 21.297 ug/l
RT: 4.72 min Scan# 490
Delta R.T. -0.01 min
Lab File: VY002531.D
Acq: 04 May 2020 11:35

Tgt Ion: 84 Resp: 78647
Ion Ratio Lower Upper
84 100
49 112.0 90.5 135.7
51 34.6 28.3 42.5
86 64.5 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 19.391 ug/l

RT: 5.23 min Scan# 573

Delta R.T. -0.01 min

Lab File: VY002531.D

Acq: 04 May 2020 11:35

Instrument :

MSVOA_Y

ClientSampleId :

VY0504SBS01

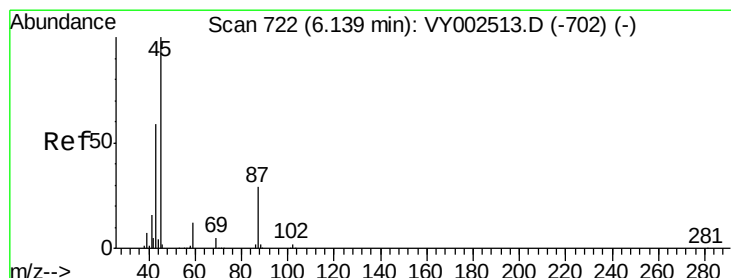
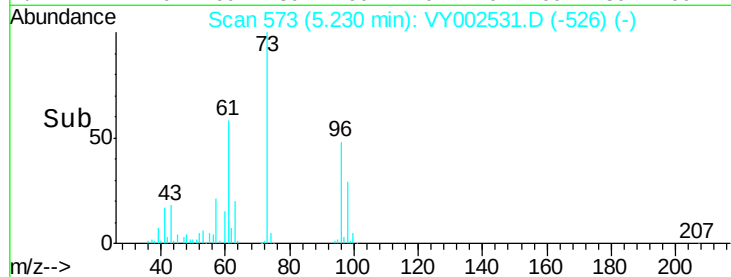
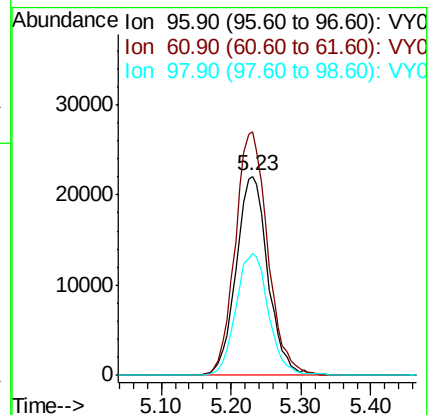
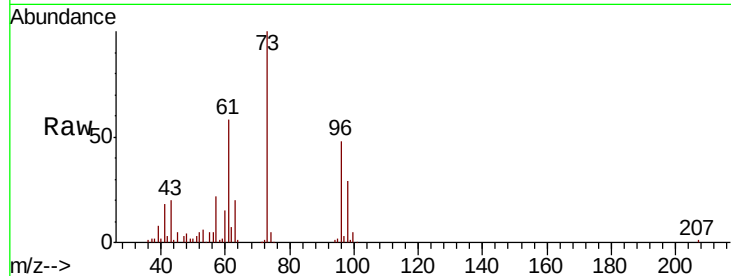
Tot Ion: 96 Resp: 69432

Ion Ratio Lower Upper

96 100

61 122.3 102.0 153.0

98 61.5 53.0 79.4



#22

Diisopropyl ether

Concen: 20.446 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.01 min

Lab File: VY002531.D

Acq: 04 May 2020 11:35

Tgt Ion: 45 Resp: 197476

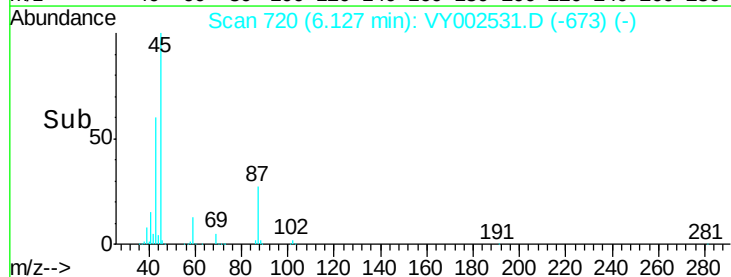
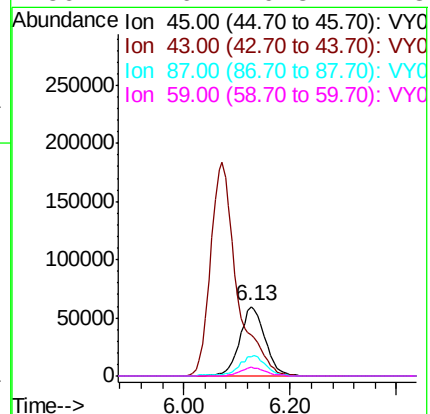
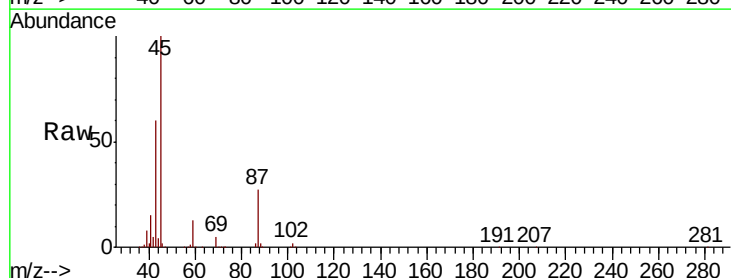
Ion Ratio Lower Upper

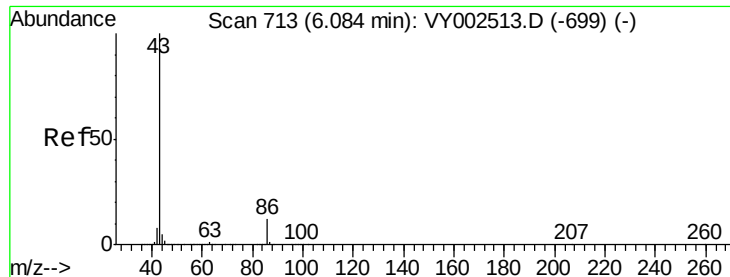
45 100

43 59.4 47.4 71.0

87 27.2 24.0 36.0

59 12.6 9.8 14.8

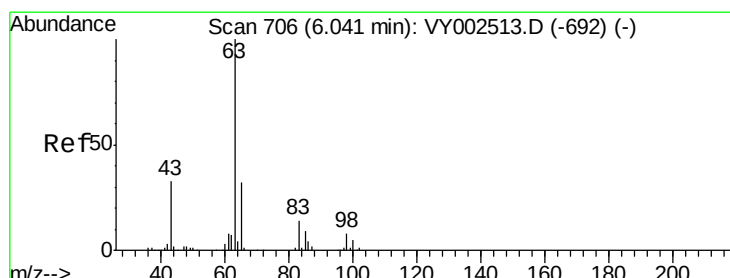
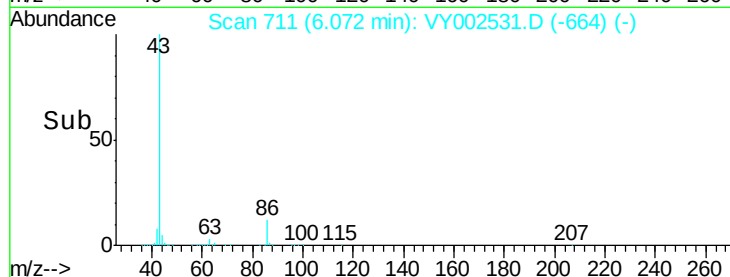
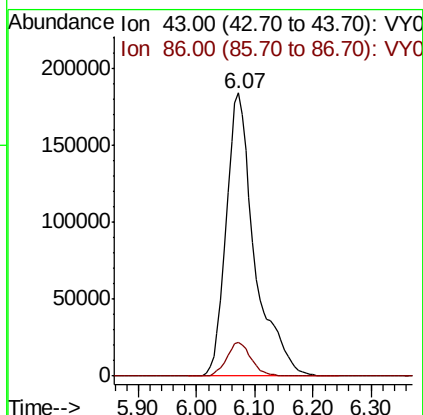
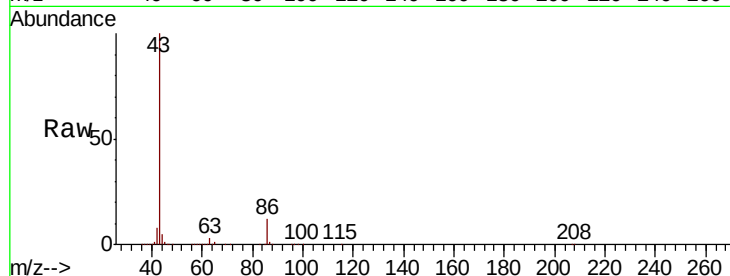




#23
 Vinyl Acetate
 Concen: 102.521 ug/l
 RT: 6.07 min Scan# 711
 Delta R.T. -0.01 min
 Lab File: VY002531.D
 Acq: 04 May 2020 11:35

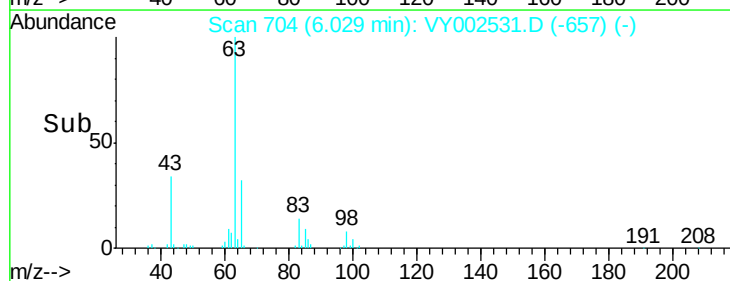
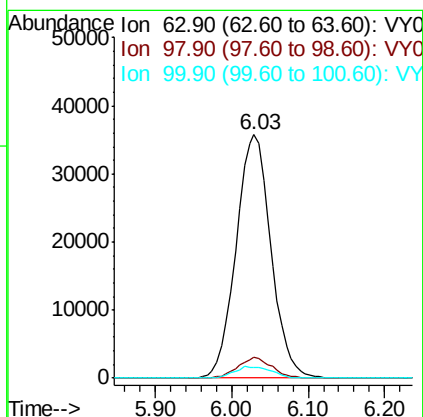
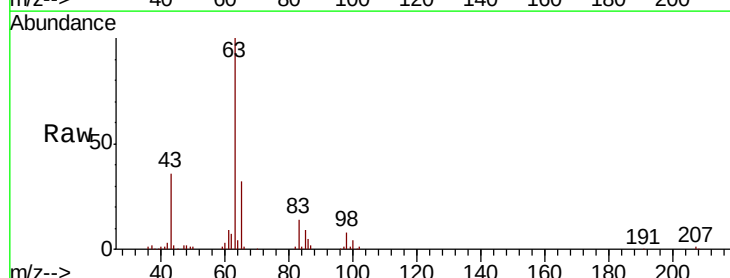
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0504SBS01

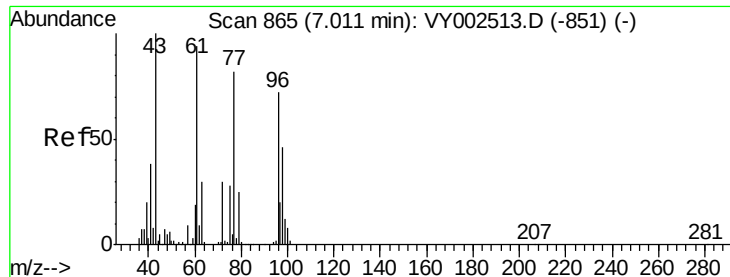
Tot Ion: 43 Resp: 622714
 Ion Ratio Lower Upper
 43 100
 86 11.9 9.8 14.6



#24
 1,1-Dichloroethane
 Concen: 19.786 ug/l
 RT: 6.03 min Scan# 704
 Delta R.T. -0.01 min
 Lab File: VY002531.D
 Acq: 04 May 2020 11:35

Tgt Ion: 63 Resp: 113055
 Ion Ratio Lower Upper
 63 100
 98 8.5 3.9 11.7
 100 4.2 2.4 7.2

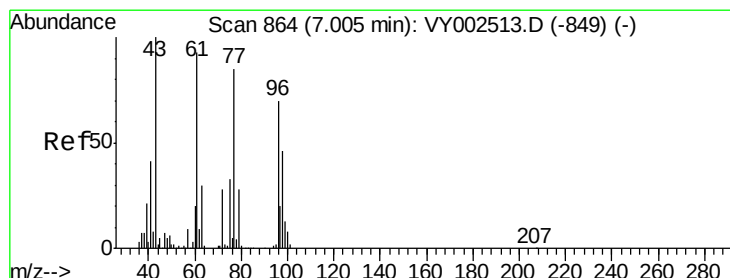
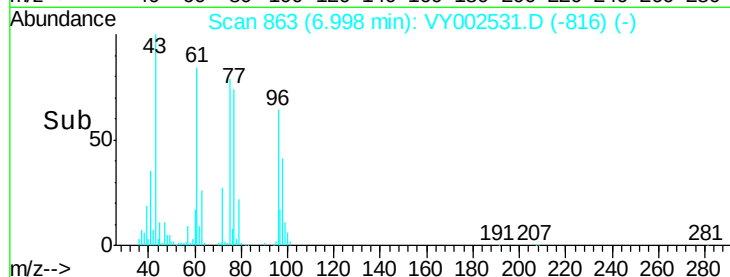
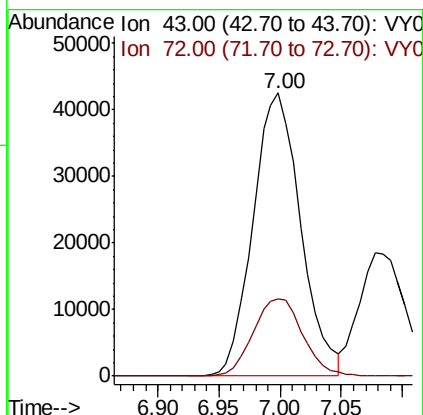
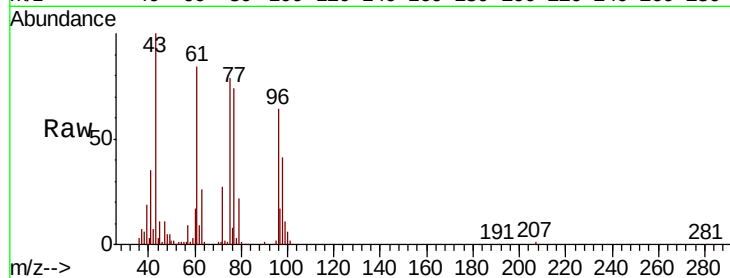




#25
2-Butanone
Concen: 106.720 ug/l
RT: 7.00 min Scan# 863
Delta R.T. -0.01 min
Lab File: VY002531.D
Acq: 04 May 2020 11:35

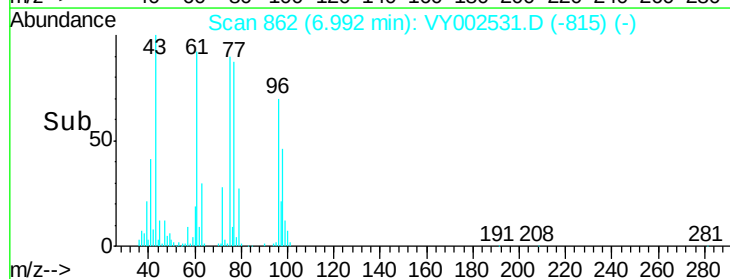
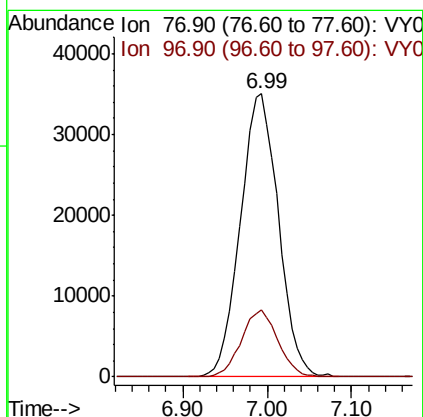
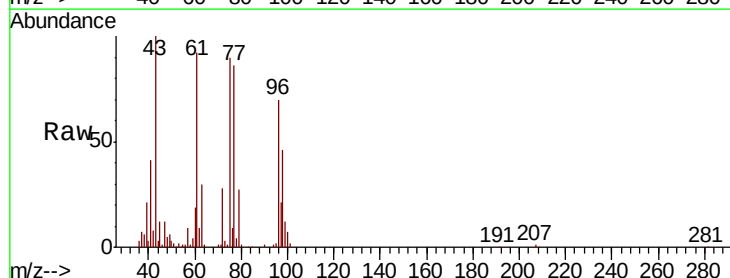
Instrument :
MSVOA_Y
ClientSampleId :
VY0504SBSD01

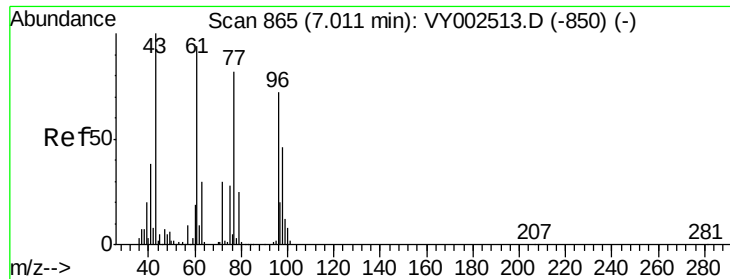
Tot Ion: 43 Resp: 115365
Ion Ratio Lower Upper
43 100
72 27.4 24.1 36.1



#26
2,2-Dichloropropane
Concen: 19.782 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.01 min
Lab File: VY002531.D
Acq: 04 May 2020 11:35

Tgt Ion: 77 Resp: 107439
Ion Ratio Lower Upper
77 100
97 22.8 11.9 35.5



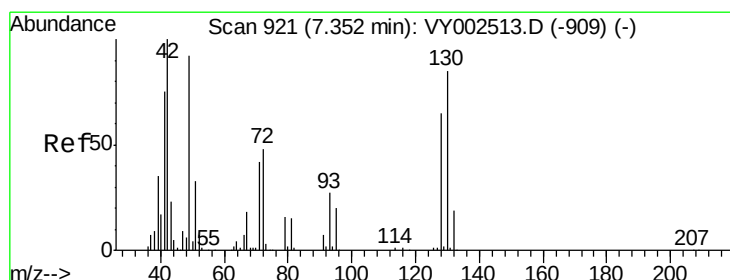
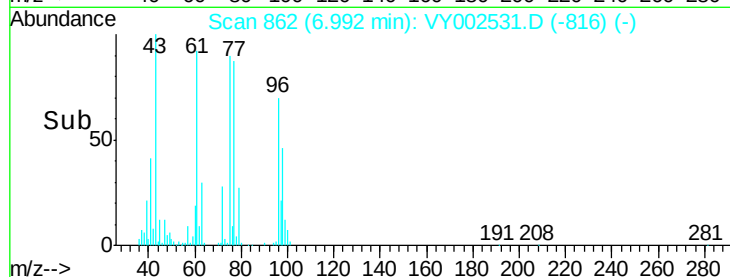
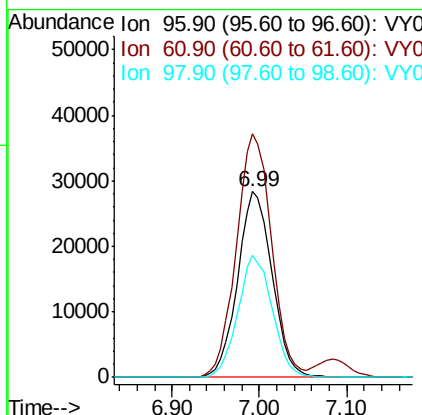
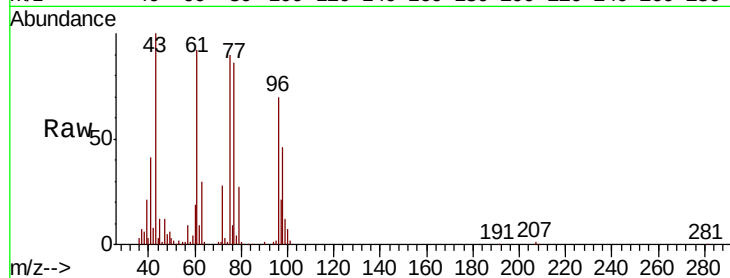


#27

cis-1,2-Dichloroethene
 Concen: 19.600 ug/l
 RT: 6.99 min Scan# 862
 Delta R.T. -0.02 min
 Lab File: VY002531.D
 Acq: 04 May 2020 11:35

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0504SBSD01

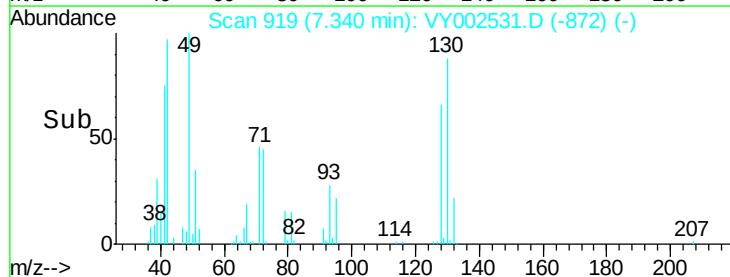
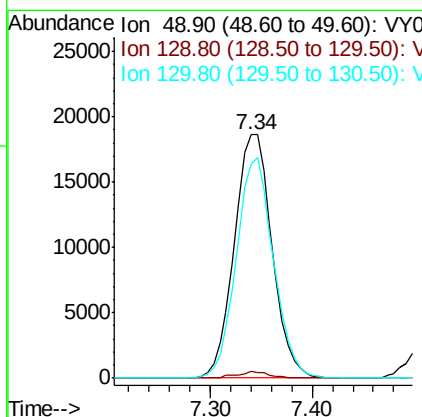
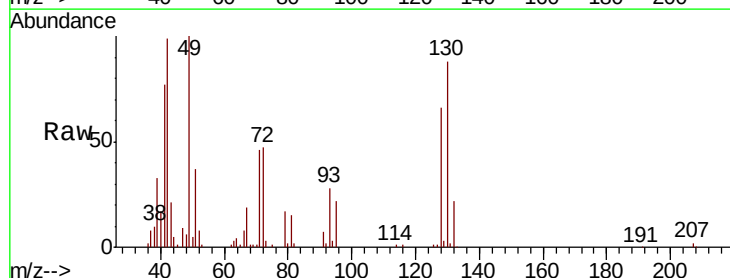
Tot Ion: 96 Resp: 77657
 Ion Ratio Lower Upper
 96 100
 61 133.9 0.0 266.6
 98 65.6 0.0 129.2

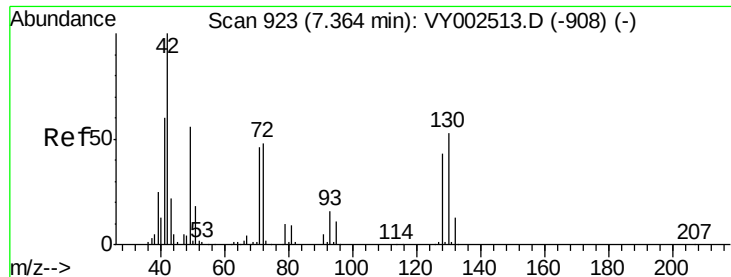


#28

Bromochloromethane
 Concen: 20.459 ug/l
 RT: 7.34 min Scan# 919
 Delta R.T. -0.01 min
 Lab File: VY002531.D
 Acq: 04 May 2020 11:35

Tgt Ion: 49 Resp: 47895
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 4.8
 130 89.1 72.5 108.7

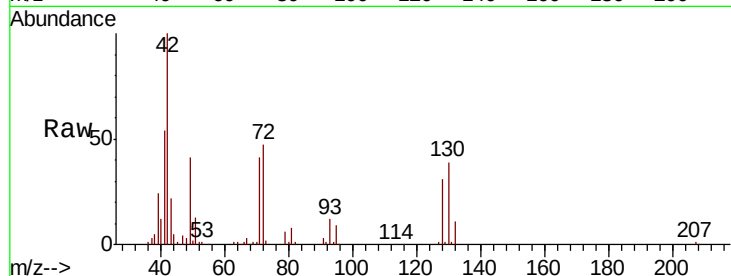




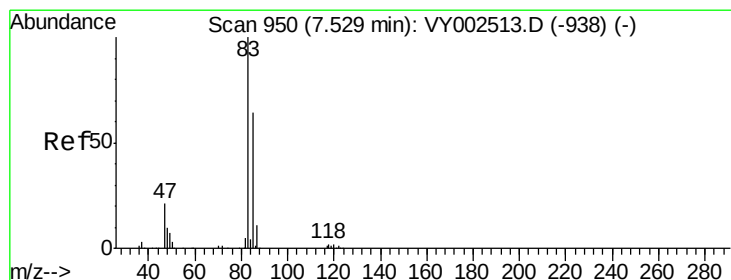
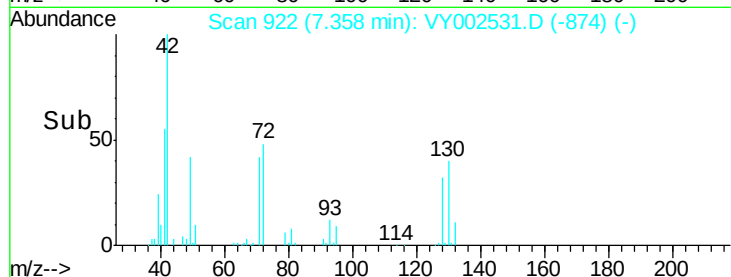
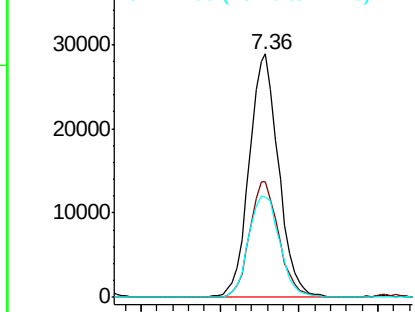
#29
Tetrahydrofuran
Concen: 104.801 ug/l
RT: 7.36 min Scan# 922
Delta R.T. -0.01 min
Lab File: VY002531.D
Acq: 04 May 2020 11:35

Instrument :
MSVOA_Y
ClientSampleId :
VY0504SBS01

Tot Ion: 42 Resp: 74955
Ion Ratio Lower Upper
42 100
72 47.4 37.4 56.2
71 44.1 35.0 52.4

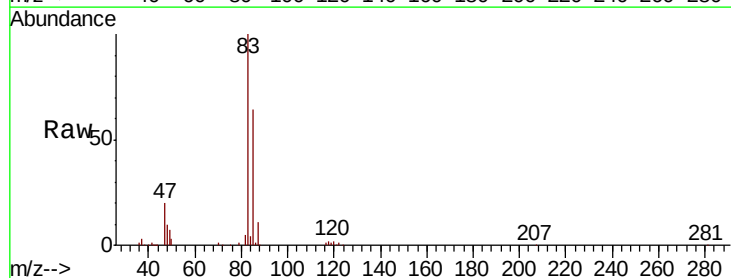


Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

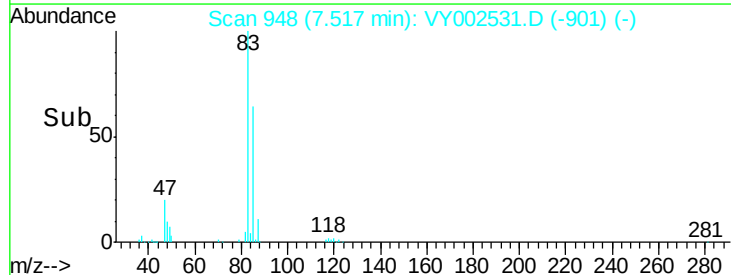
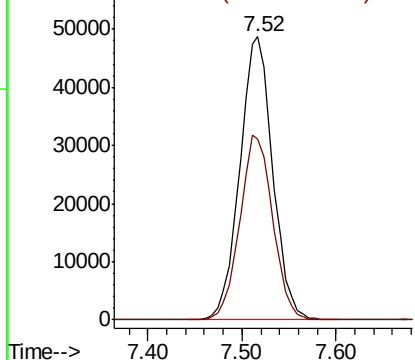


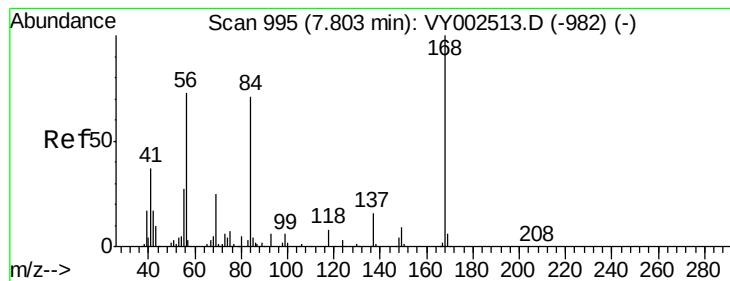
#30
Chloroform
Concen: 19.983 ug/l
RT: 7.52 min Scan# 948
Delta R.T. -0.01 min
Lab File: VY002531.D
Acq: 04 May 2020 11:35

Tgt Ion: 83 Resp: 118723
Ion Ratio Lower Upper
83 100
85 64.2 51.5 77.3



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





#31

Cyclohexane

Concen: 18.857 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.01 min

Lab File: VY002531.D

Acq: 04 May 2020 11:35

Instrument :

MSVOA_Y

ClientSampleId :

VY0504SBS01

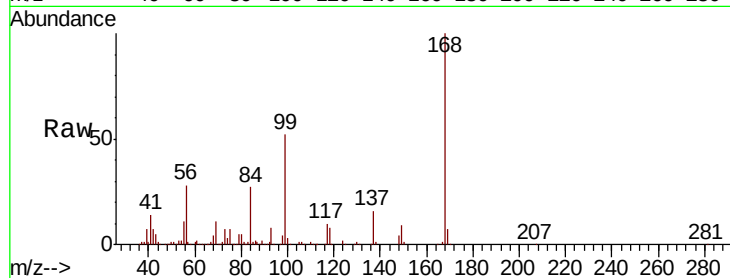
Tot Ion: 56 Resp: 108456

Ion Ratio Lower Upper

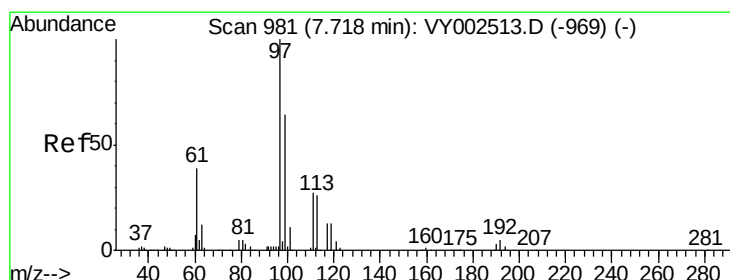
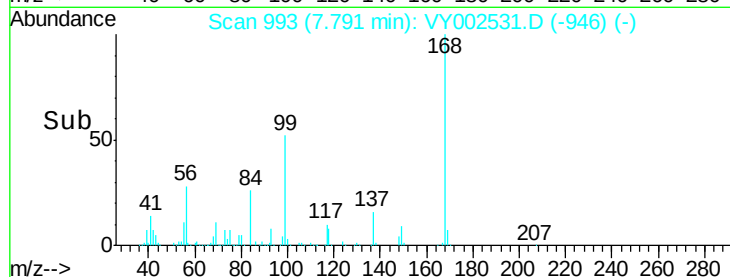
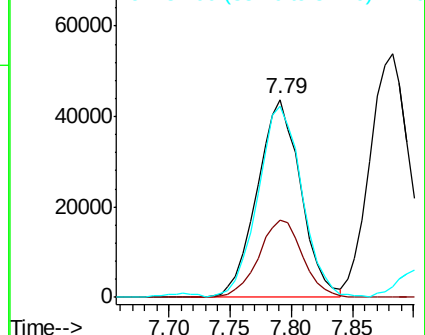
56 100

69 38.7 27.6 41.4

84 95.2 77.7 116.5



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



#32

1,1,1-Trichloroethane

Concen: 19.750 ug/l

RT: 7.71 min Scan# 979

Delta R.T. -0.01 min

Lab File: VY002531.D

Acq: 04 May 2020 11:35

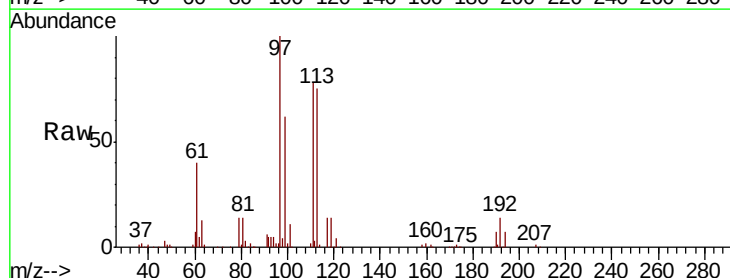
Tgt Ion: 97 Resp: 109059

Ion Ratio Lower Upper

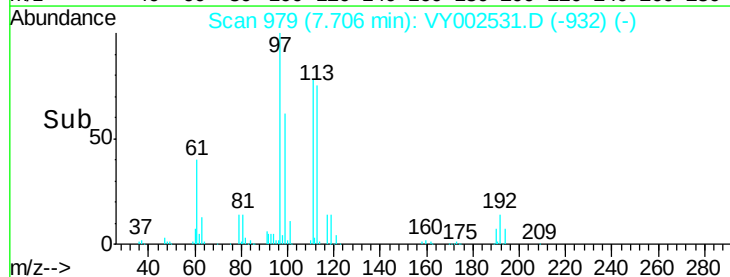
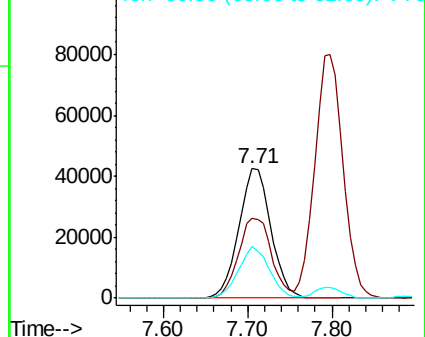
97 100

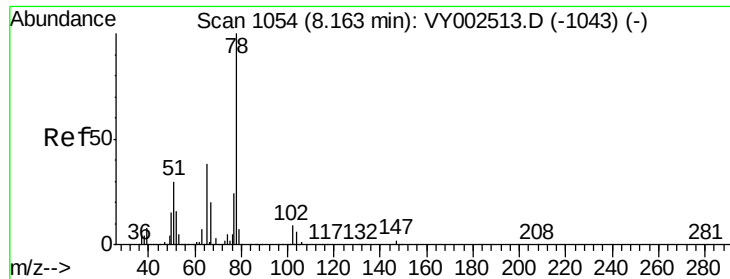
99 64.0 51.9 77.9

61 38.4 31.0 46.6



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

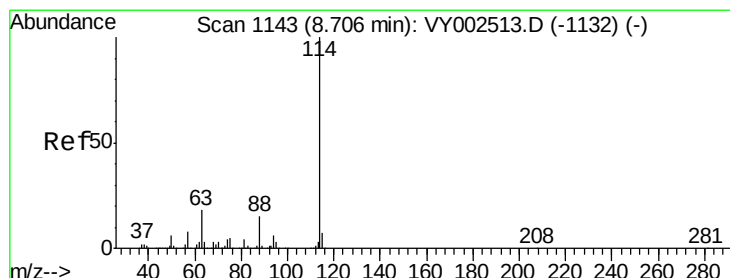
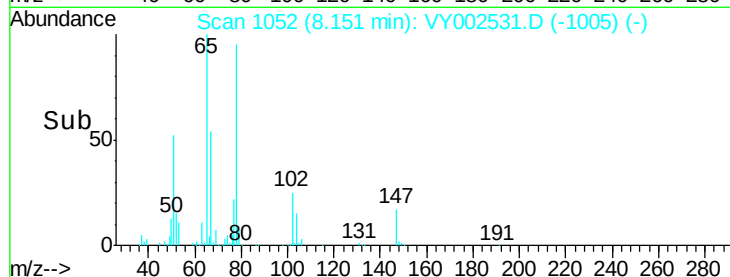
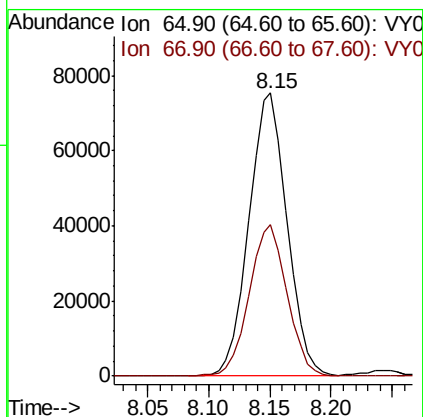
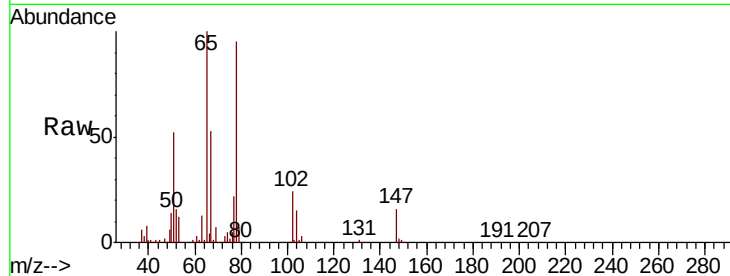




#33
 1,2-Dichloroethane-d4
 Concen: 51.045 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: VY002531.D
 Acq: 04 May 2020 11:35

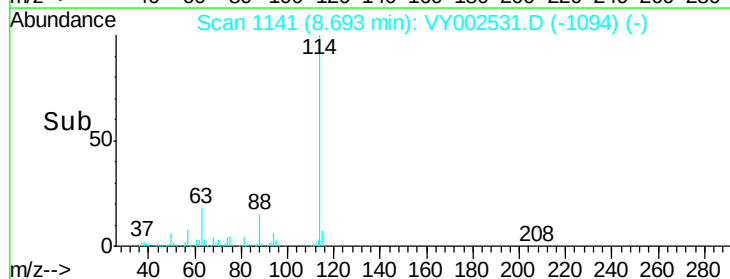
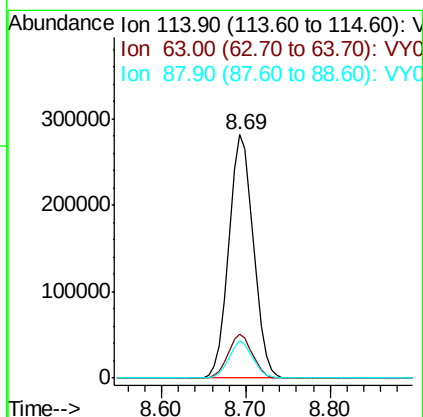
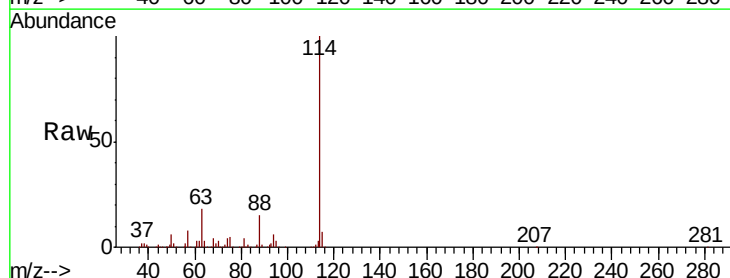
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0504SBS01

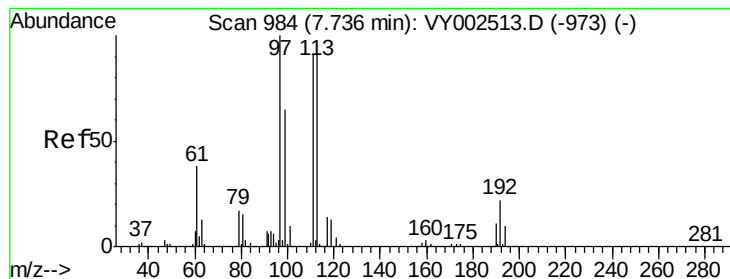
Tot Ion: 65 Resp: 163338
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: VY002531.D
 Acq: 04 May 2020 11:35

Tgt Ion: 114 Resp: 557537
 Ion Ratio Lower Upper
 114 100
 63 18.1 0.0 36.4
 88 15.4 0.0 29.6





#35

Dibromofluoromethane

Concen: 51.916 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.01 min

Lab File: VY002531.D

Acq: 04 May 2020 11:35

Instrument :

MSVOA_Y

ClientSampleId :

VY0504SBSD01

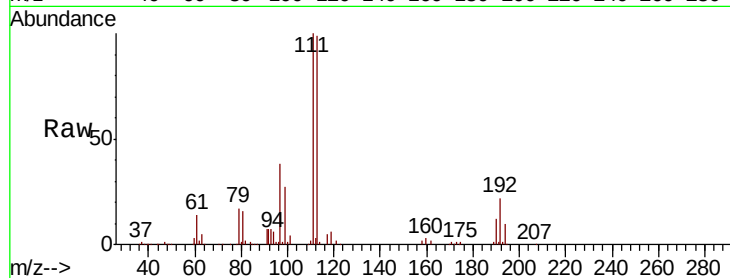
Tot Ion:113 Resp: 165538

Ion Ratio Lower Upper

113 100

111 102.5 81.8 122.6

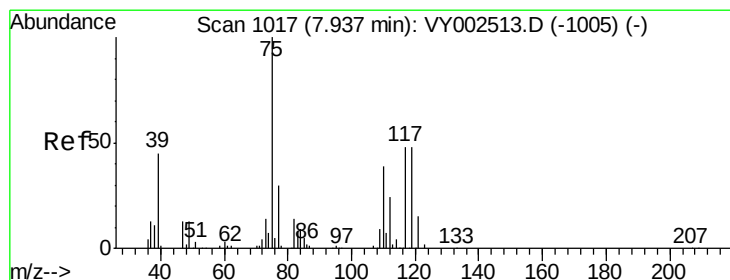
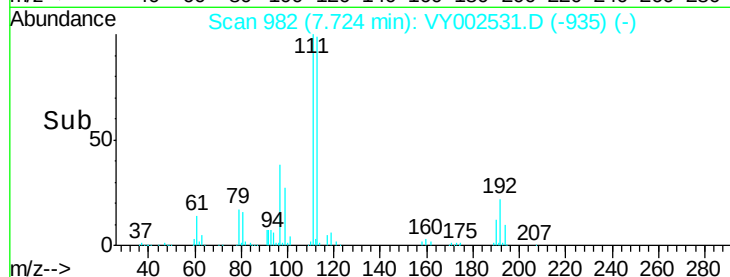
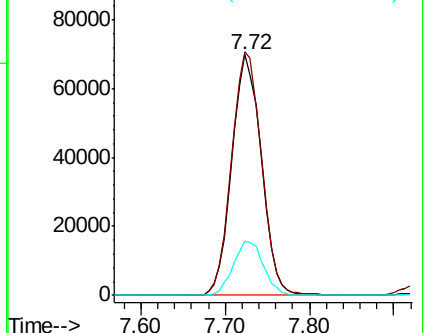
192 22.8 18.2 27.4



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: 19.770 ug/l

RT: 7.93 min Scan# 1015

Delta R.T. -0.01 min

Lab File: VY002531.D

Acq: 04 May 2020 11:35

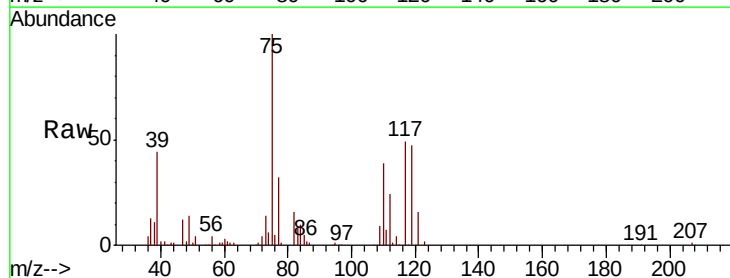
Tgt Ion: 75 Resp: 92404

Ion Ratio Lower Upper

75 100

110 38.2 19.1 57.3

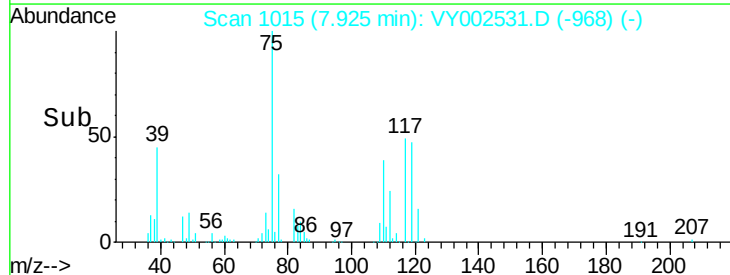
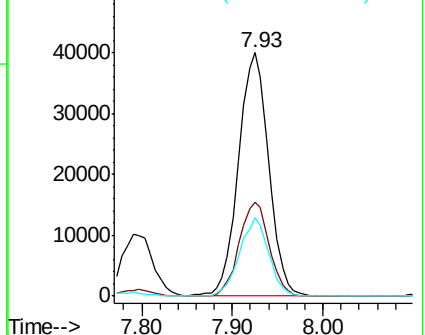
77 31.1 24.6 37.0

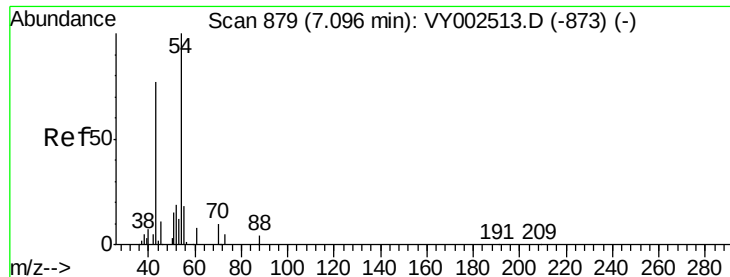


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

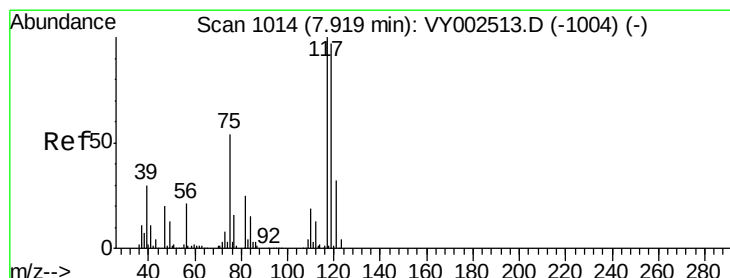
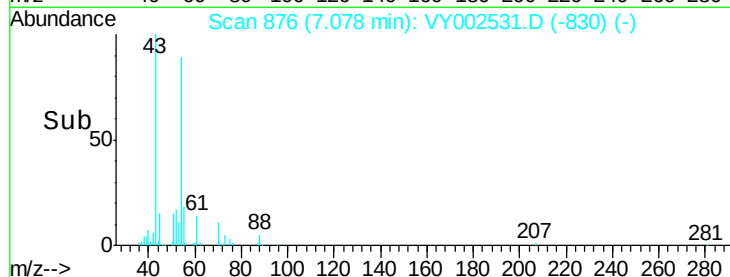
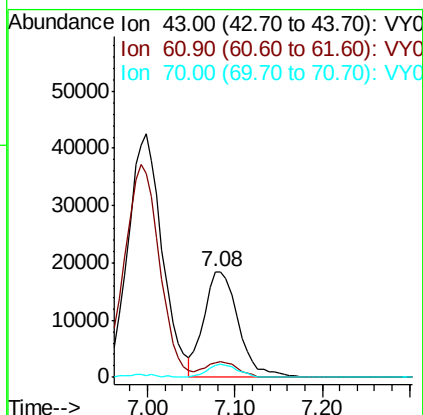
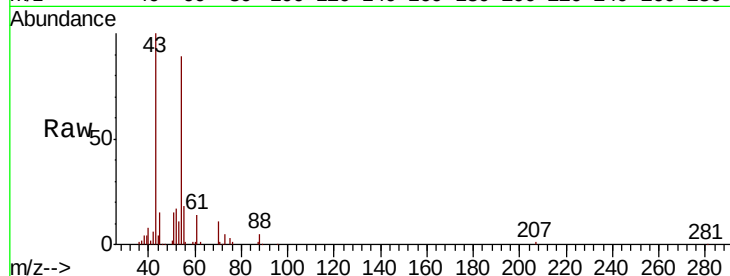




#37
Ethyl Acetate
Concen: 21.274 ug/l
RT: 7.08 min Scan# 876
Delta R.T. -0.02 min
Lab File: VY002531.D
Acq: 04 May 2020 11:35

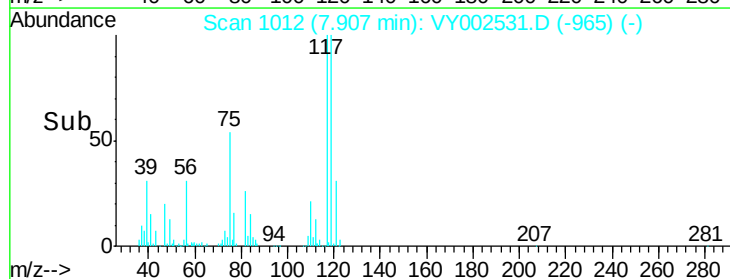
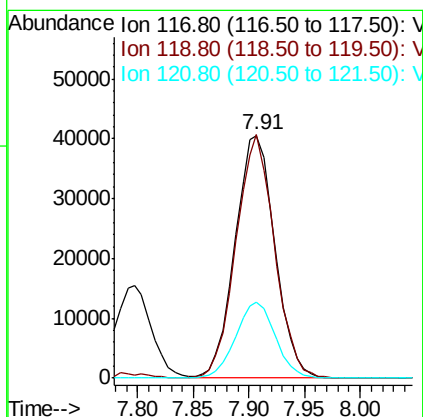
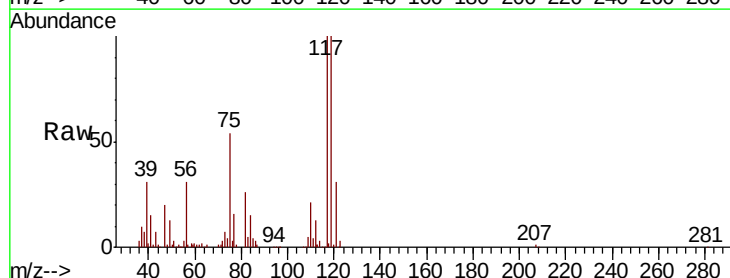
Instrument :
MSVOA_Y
ClientSampleId :
VY0504SBSD01

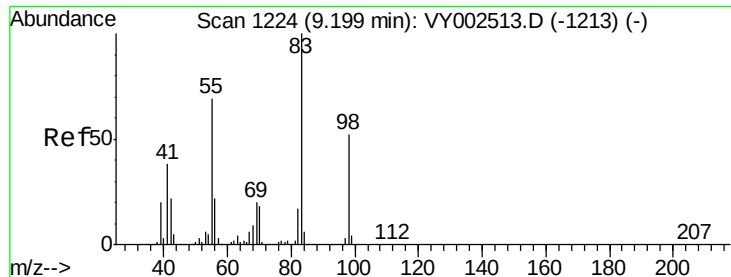
Tot Ion: 43 Resp: 51095
Ion Ratio Lower Upper
43 100
61 14.2 11.6 17.4
70 11.0 9.0 13.6



#38
Carbon Tetrachloride
Concen: 19.784 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.01 min
Lab File: VY002531.D
Acq: 04 May 2020 11:35

Tgt Ion: 117 Resp: 100953
Ion Ratio Lower Upper
117 100
119 100.5 77.1 115.7
121 31.1 25.2 37.8

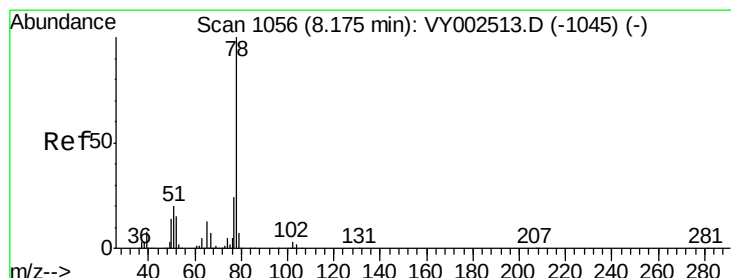
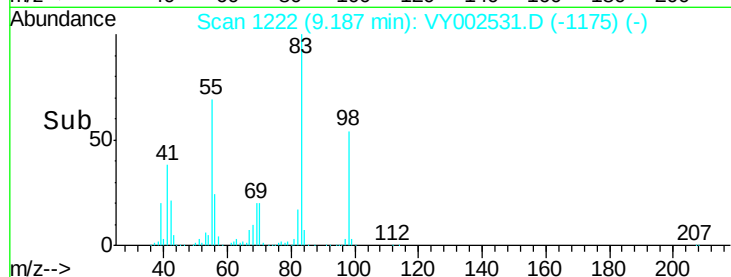
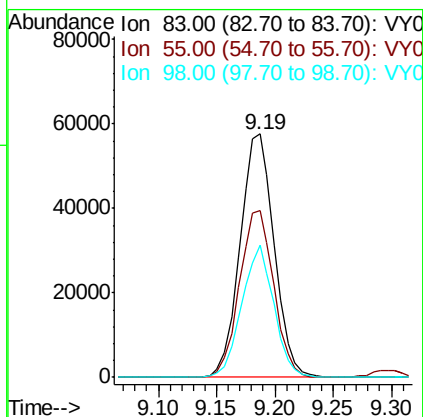
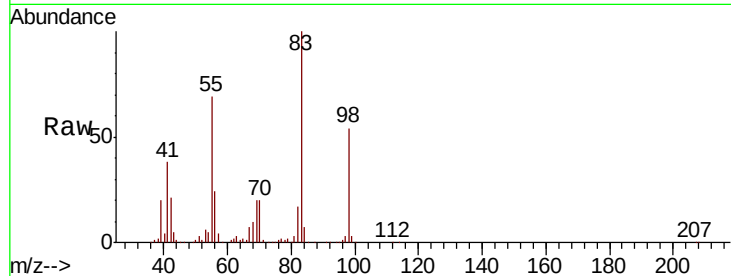




#39
Methylvlcyclohexane
Concen: 19.077 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.01 min
Lab File: VY002531.D
Acq: 04 May 2020 11:35

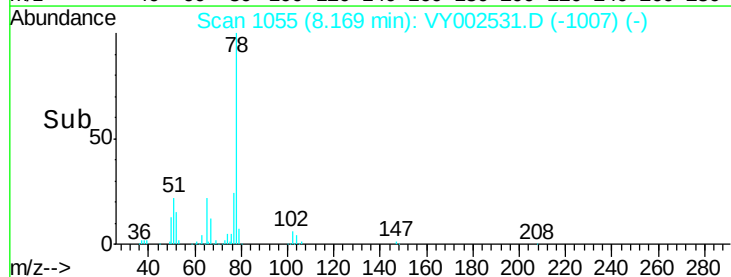
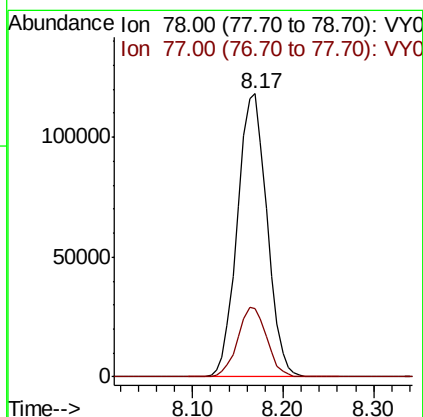
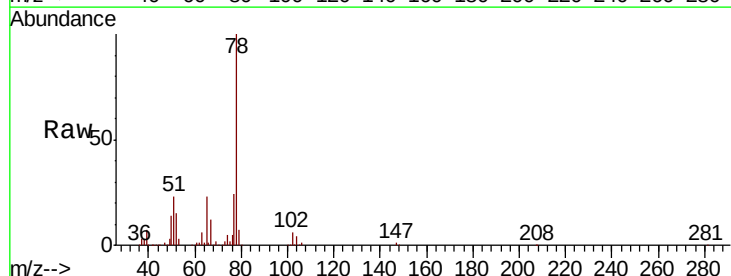
Instrument :
MSVOA_Y
ClientSampleId :
VY0504SBSD01

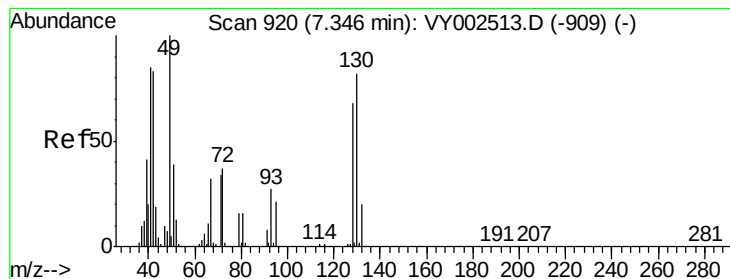
Tot Ion: 83 Resp: 117771
Ion Ratio Lower Upper
83 100
55 68.7 55.4 83.0
98 54.4 41.3 61.9



#40
Benzene
Concen: 19.783 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.01 min
Lab File: VY002531.D
Acq: 04 May 2020 11:35

Tgt Ion: 78 Resp: 267060
Ion Ratio Lower Upper
78 100
77 24.0 19.2 28.8





#41

Methacrylonitrile

Concen: 53.963 ug/l

RT: 7.35 min Scan# 921

Delta R.T. 0.01 min

Lab File: VY002531.D

Acq: 04 May 2020 11:35

Instrument :

MSVOA_Y

ClientSampleId :

VY0504SBSD01

Tot Ion: 41 Resp: 69686

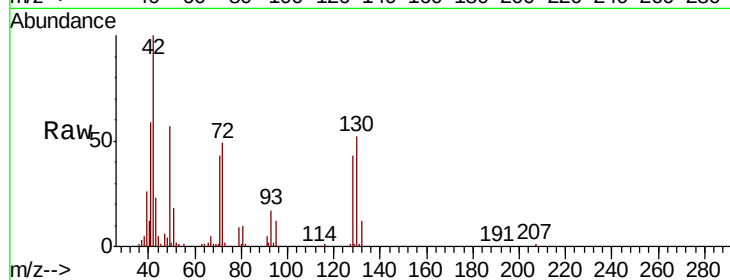
Ion Ratio Lower Upper

41 100

39 0.0 83.1 124.7#

67 0.0 0.0 0.0

52 0.0 0.0 0.0



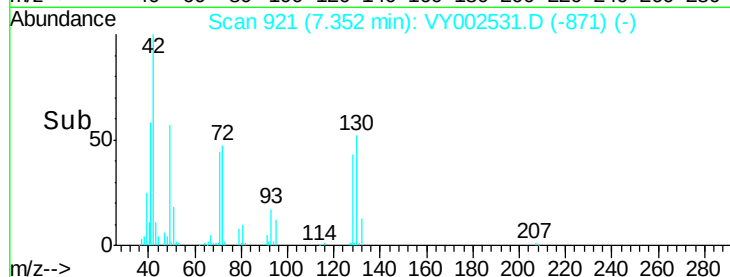
Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

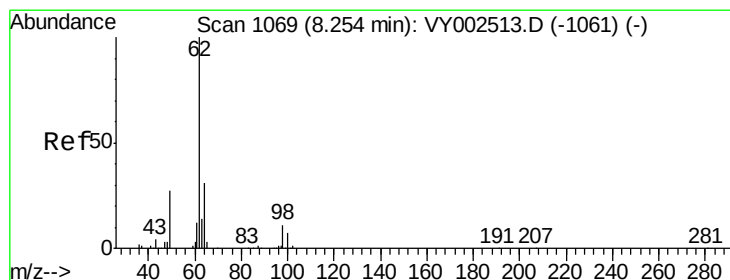
Ion 67.00 (66.70 to 67.70): VY0

Ion 52.00 (51.70 to 52.70): VY0

Time-->



Time-->



#42

1,2-Dichloroethane

Concen: 20.326 ug/l

RT: 8.24 min Scan# 1067

Delta R.T. -0.01 min

Lab File: VY002531.D

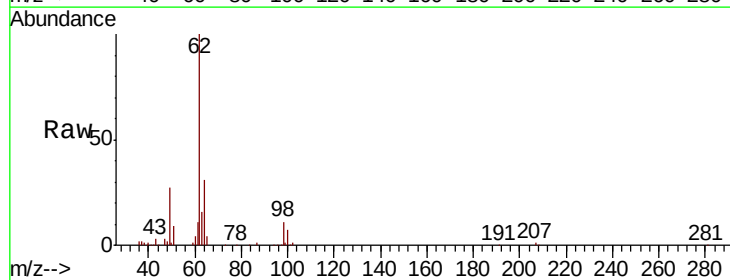
Acq: 04 May 2020 11:35

Tgt Ion: 62 Resp: 76963

Ion Ratio Lower Upper

62 100

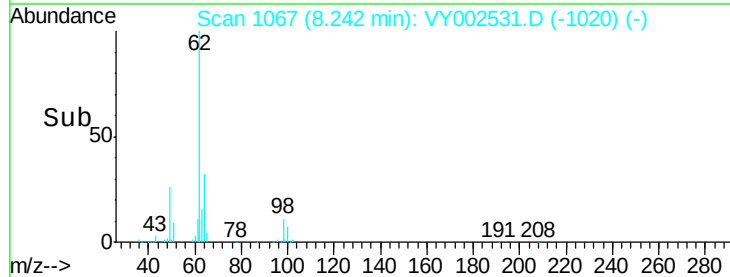
98 10.7 0.0 21.0



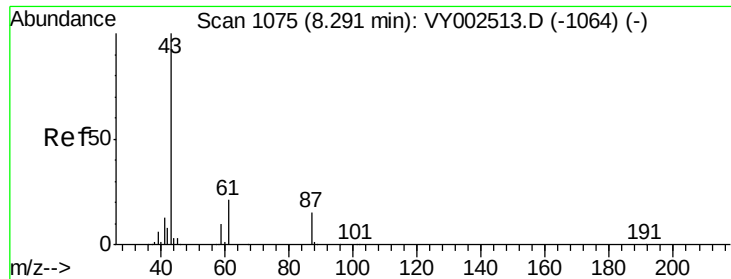
Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Time-->



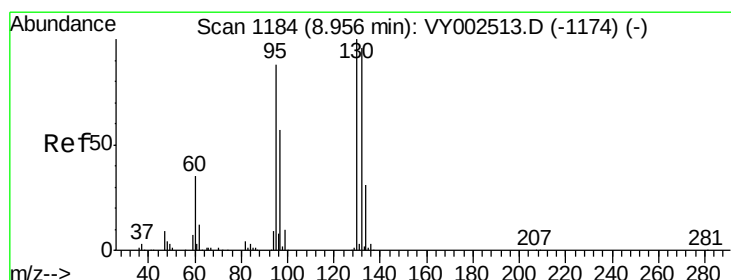
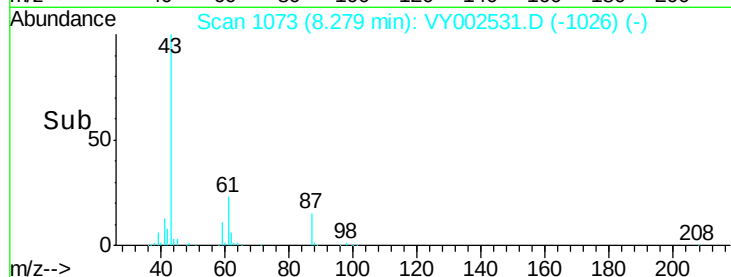
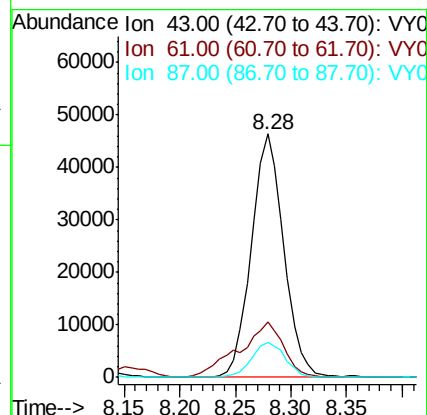
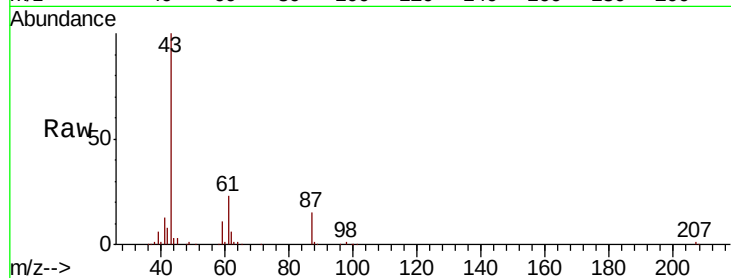
Time-->



#43
Isopropyl Acetate
Concen: 20.920 ug/l
RT: 8.28 min Scan# 1073
Delta R.T. -0.01 min
Lab File: VY002531.D
Acq: 04 May 2020 11:35

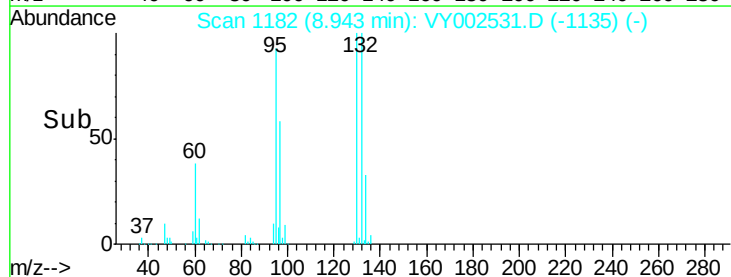
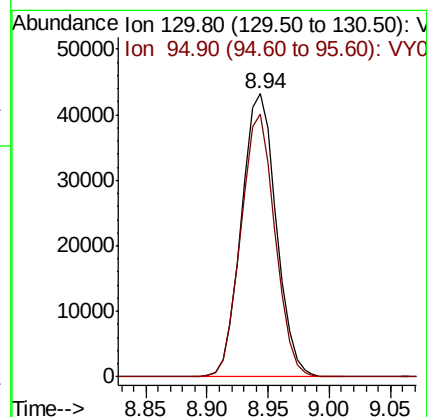
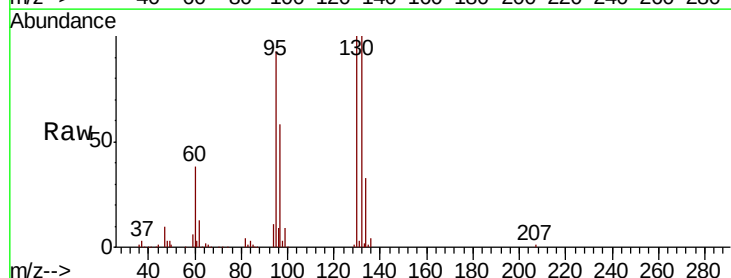
Instrument :
MSVOA_Y
ClientSampleId :
VY0504SBSD01

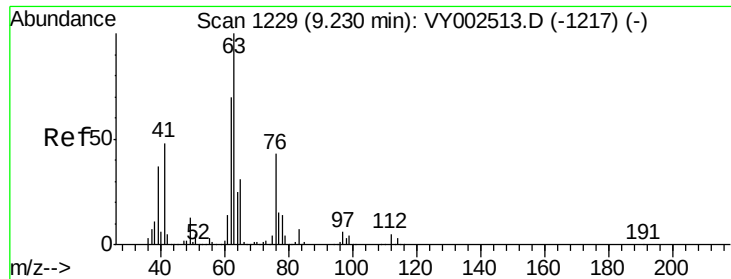
Tot Ion: 43 Resp: 94197
Ion Ratio Lower Upper
43 100
61 31.4 24.8 37.2
87 15.0 12.2 18.2



#44
Trichloroethene
Concen: 20.209 ug/l
RT: 8.94 min Scan# 1182
Delta R.T. -0.01 min
Lab File: VY002531.D
Acq: 04 May 2020 11:35

Tgt Ion:130 Resp: 85254
Ion Ratio Lower Upper
130 100
95 92.9 0.0 175.8

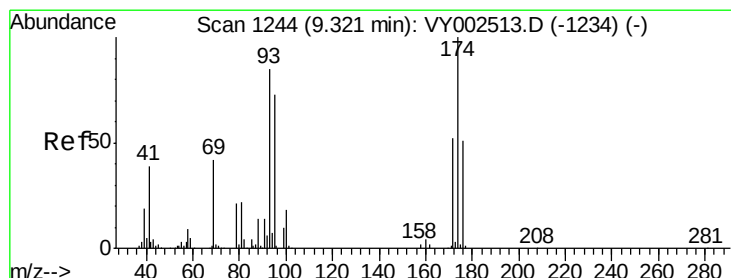
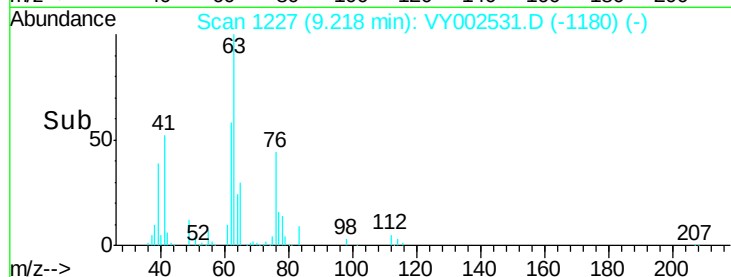
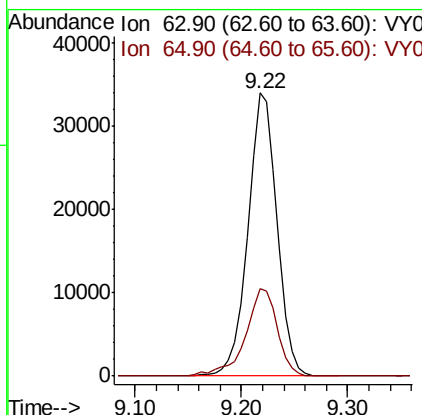
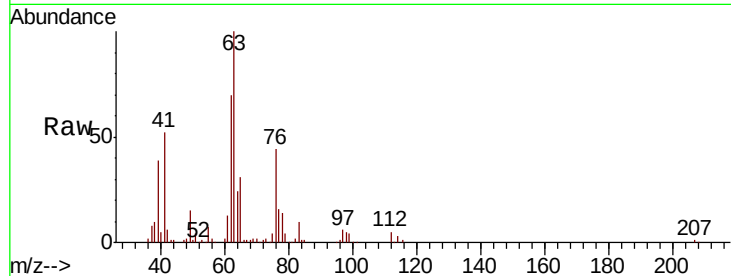




#45
 1,2-Dichloropropane
 Concen: 19.964 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. -0.01 min
 Lab File: VY002531.D
 Acq: 04 May 2020 11:35

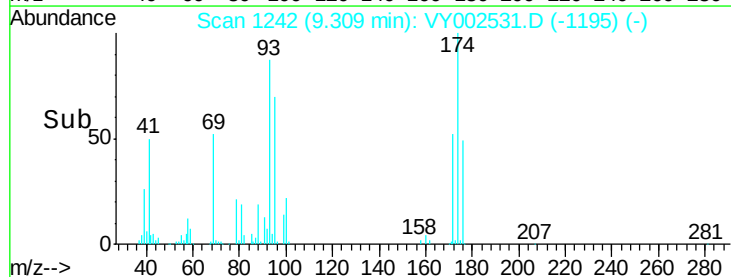
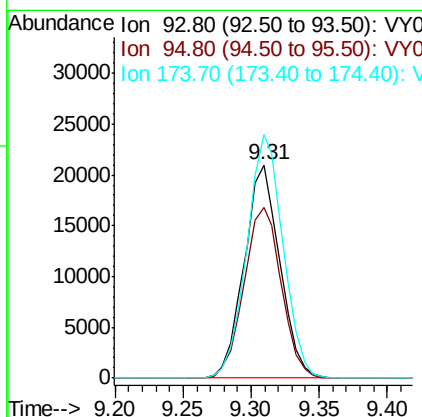
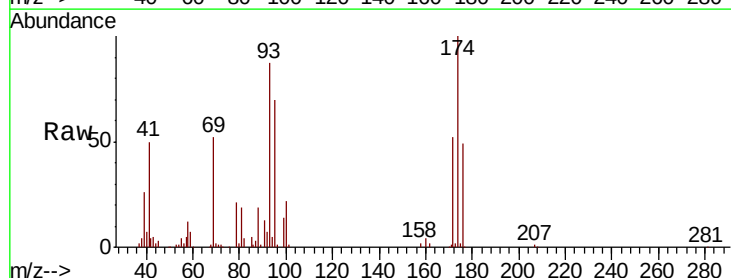
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0504SBS01

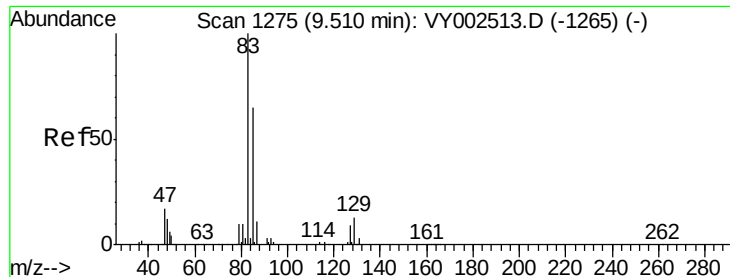
Tot Ion: 63 Resp: 65043
 Ion Ratio Lower Upper
 63 100
 65 30.8 24.5 36.7



#46
 Dibromomethane
 Concen: 20.545 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.01 min
 Lab File: VY002531.D
 Acq: 04 May 2020 11:35

Tgt Ion: 93 Resp: 38511
 Ion Ratio Lower Upper
 93 100
 95 83.7 67.0 100.4
 174 116.1 92.7 139.1





#47

Bromodichloromethane

Concen: 20.306 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.01 min

Lab File: VY002531.D

Acq: 04 May 2020 11:35

Instrument :

MSVOA_Y

ClientSampleId :

VY0504SBSD01

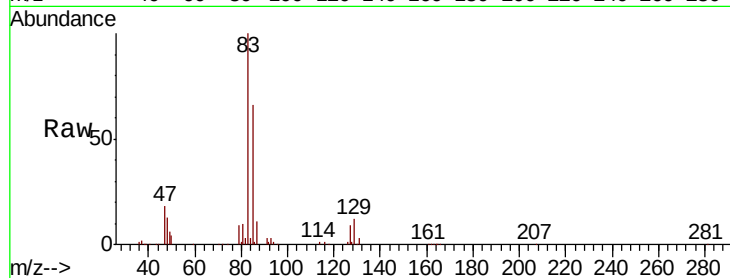
Tot Ion: 83 Resp: 92553

Ion Ratio Lower Upper

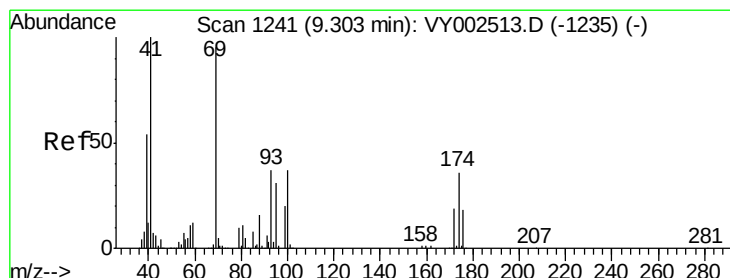
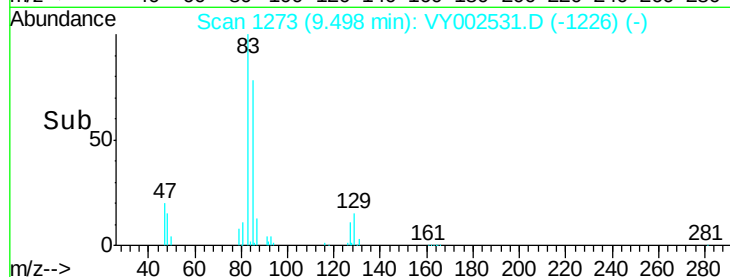
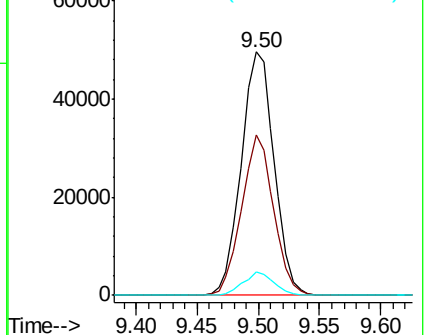
83 100

85 65.8 51.8 77.8

127 9.4 7.4 11.0



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



#48

Methyl methacrylate

Concen: 21.024 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. -0.01 min

Lab File: VY002531.D

Acq: 04 May 2020 11:35

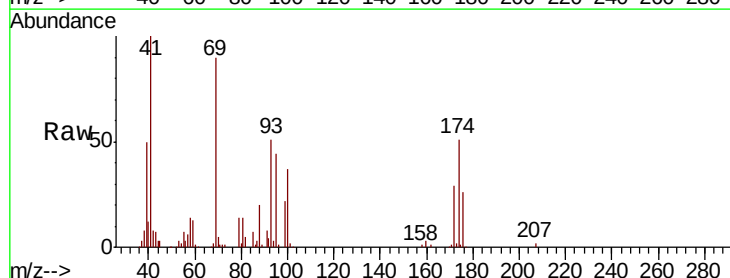
Tgt Ion: 41 Resp: 42843

Ion Ratio Lower Upper

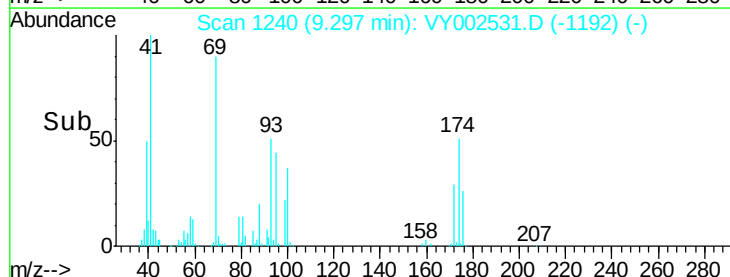
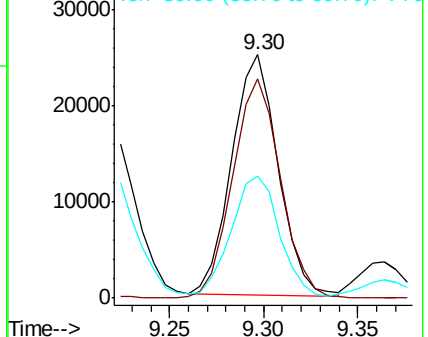
41 100

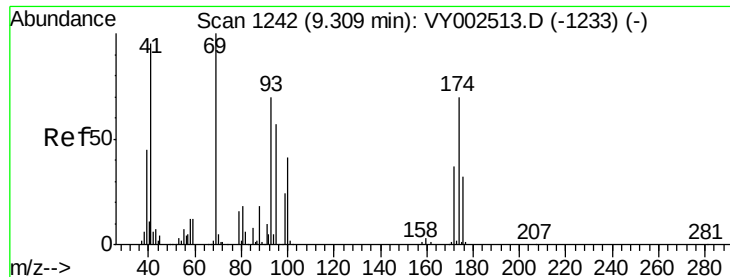
69 93.7 76.2 114.4

39 53.5 42.7 64.1



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

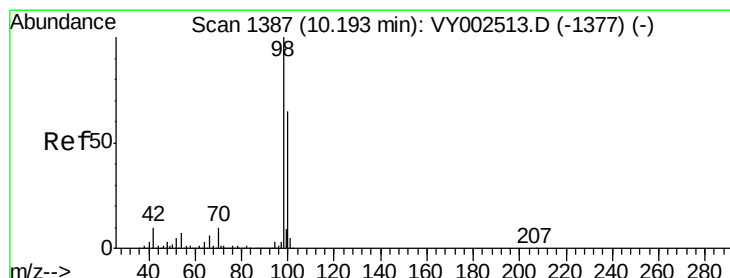
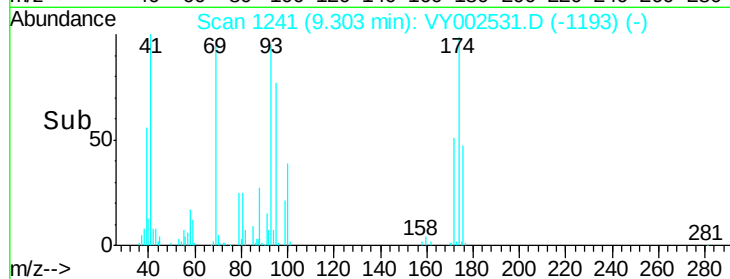
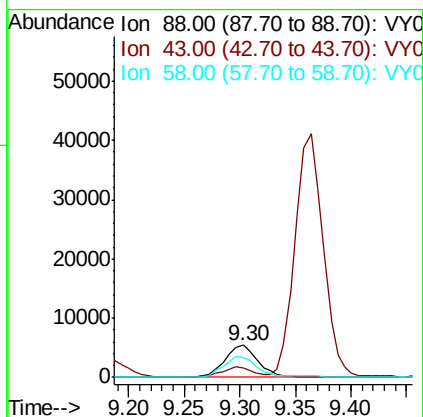
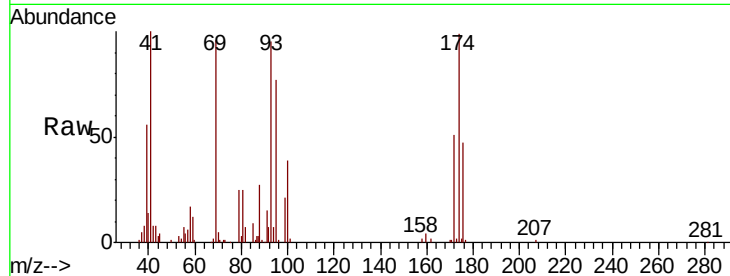




#49
1,4-Dioxane
Concen: 453.845 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. -0.01 min
Lab File: VY002513.D
Acq: 04 May 2020 11:35

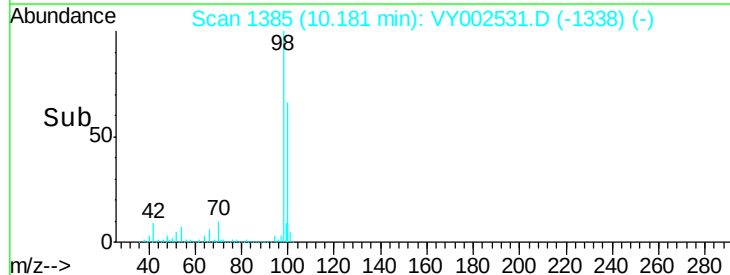
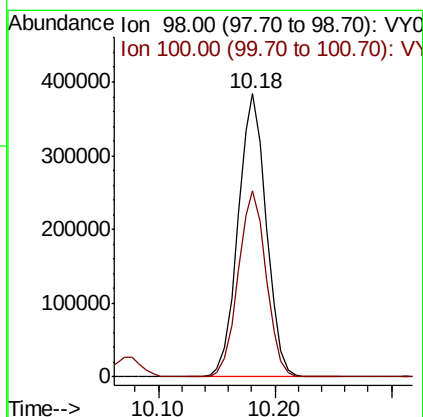
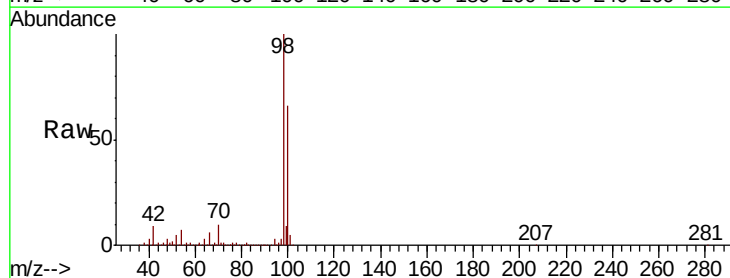
Instrument :
MSVOA_Y
ClientSampleId :
VY0504SBSD01

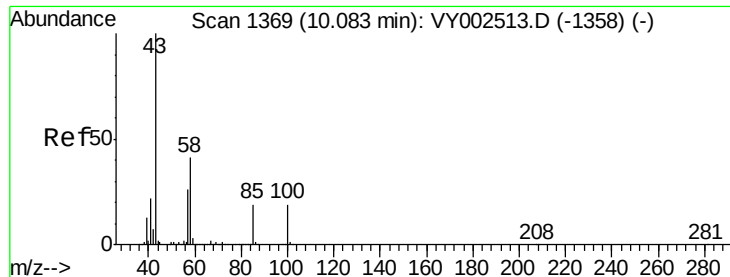
Tot Ion: 88 Resp: 11264
Ion Ratio Lower Upper
88 100
43 30.5 22.8 34.2
58 63.8 51.4 77.2



#50
Toluene-d8
Concen: 51.773 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.01 min
Lab File: VY002513.D
Acq: 04 May 2020 11:35

Tgt Ion: 98 Resp: 644667
Ion Ratio Lower Upper
98 100
100 65.5 52.2 78.2





#51

4-Methyl-2-Pentanone

Concen: 108.605 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. -0.01 min

Lab File: VY002531.D

Acq: 04 May 2020 11:35

Instrument :

MSVOA_Y

ClientSampleId :

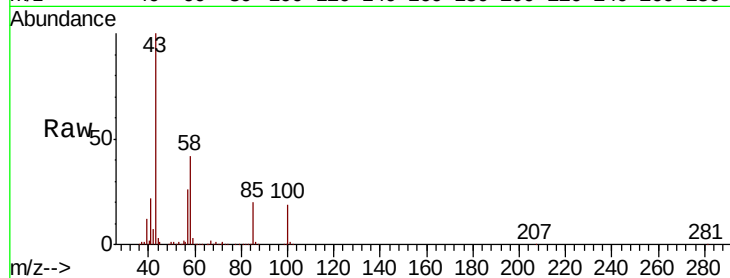
VY0504SBSD01

Tot Ion: 43 Resp: 252057

Ion Ratio Lower Upper

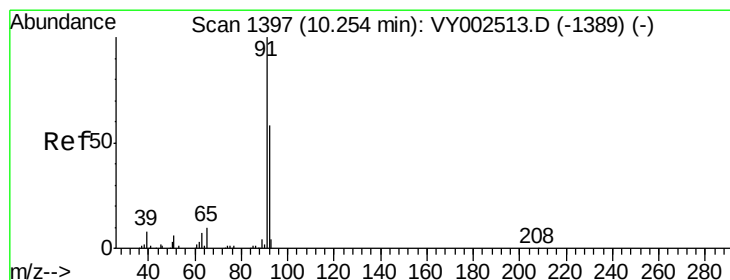
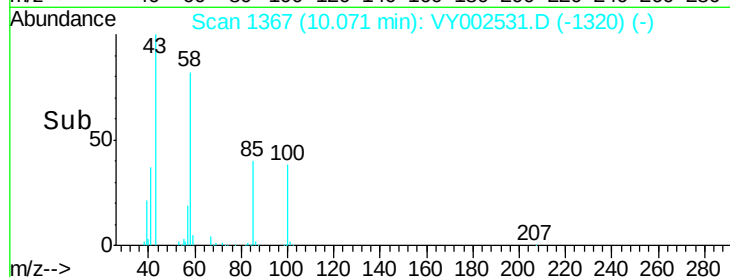
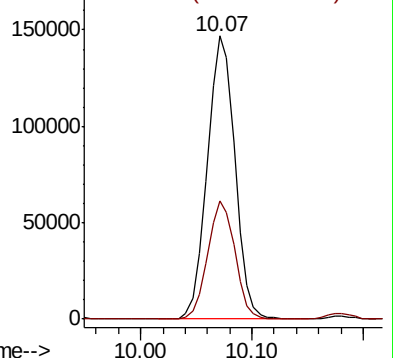
43 100

58 41.0 33.2 49.8



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#52

Toluene

Concen: 19.875 ug/l

RT: 10.25 min Scan# 1396

Delta R.T. -0.01 min

Lab File: VY002531.D

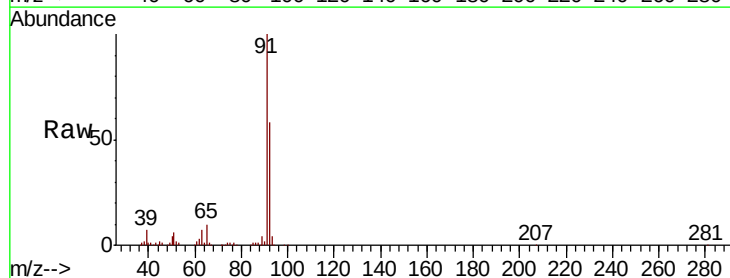
Acq: 04 May 2020 11:35

Tgt Ion: 92 Resp: 172424

Ion Ratio Lower Upper

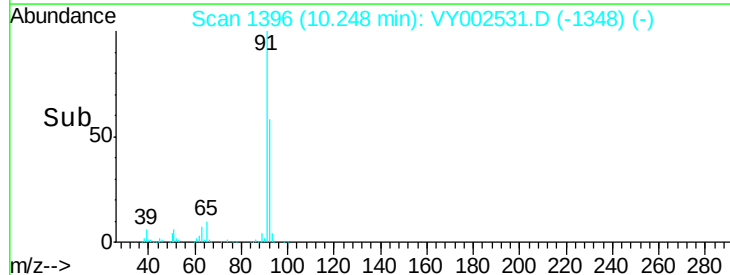
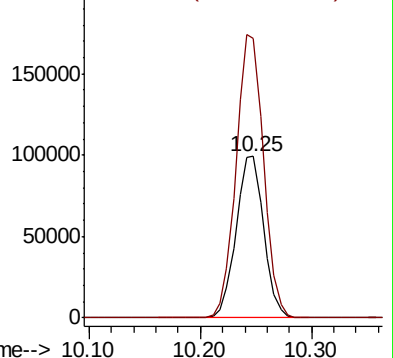
92 100

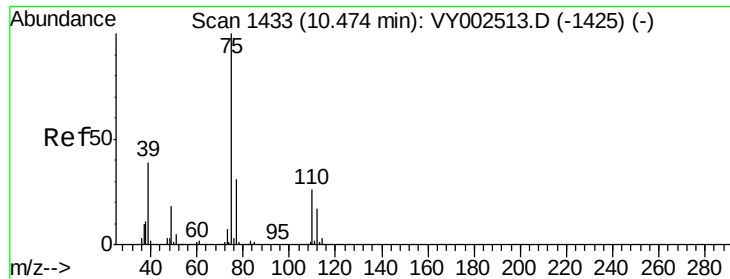
91 174.2 139.3 208.9



Abundance Ion 92.00 (91.70 to 92.70): VY0

Ion 91.00 (90.70 to 91.70): VY0





#53

t-1,3-Dichloropropene

Concen: 20.501 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.01 min

Lab File: VY002531.D

Acq: 04 May 2020 11:35

Instrument :

MSVOA_Y

ClientSampleId :

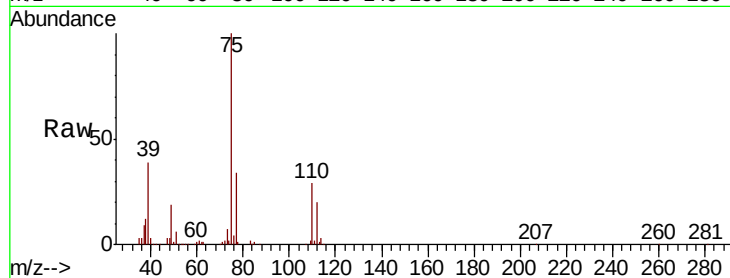
VY0504SBS01

Tot Ion: 75 Resp: 97902

Ion Ratio Lower Upper

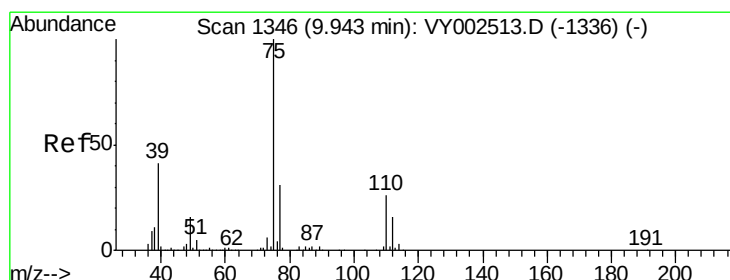
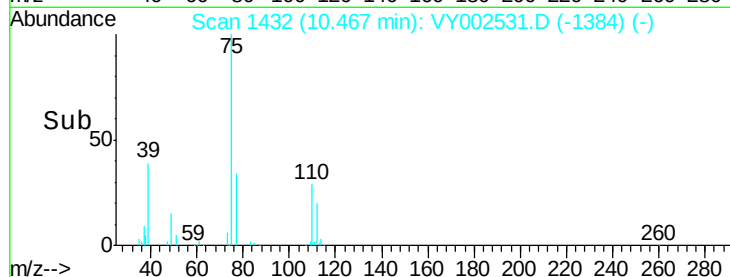
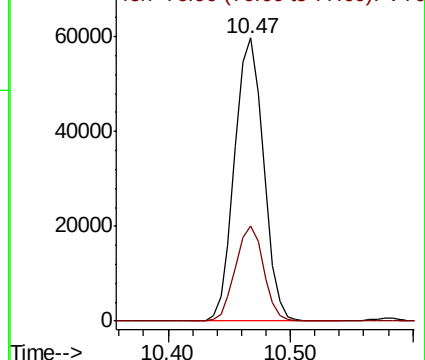
75 100

77 33.9 25.0 37.6



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0



#54

cis-1,3-Dichloropropene

Concen: 20.283 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. -0.01 min

Lab File: VY002531.D

Acq: 04 May 2020 11:35

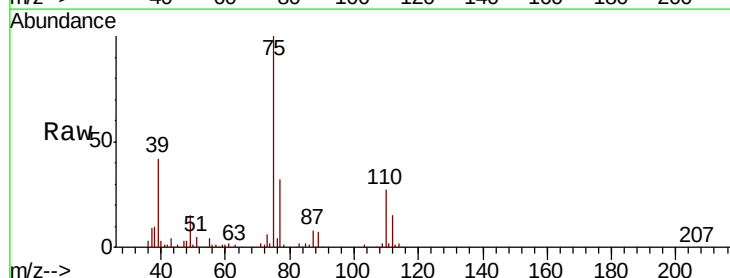
Tgt Ion: 75 Resp: 111978

Ion Ratio Lower Upper

75 100

77 32.3 25.1 37.7

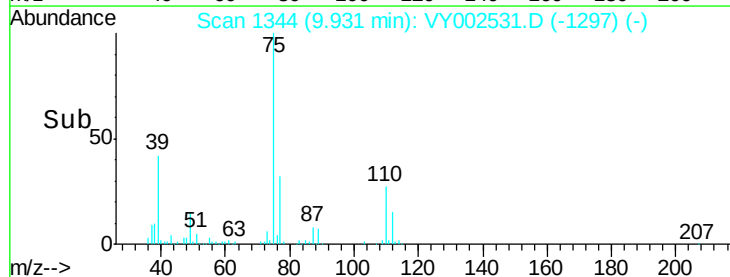
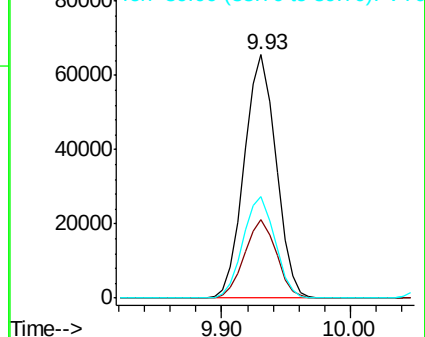
39 41.8 32.7 49.1

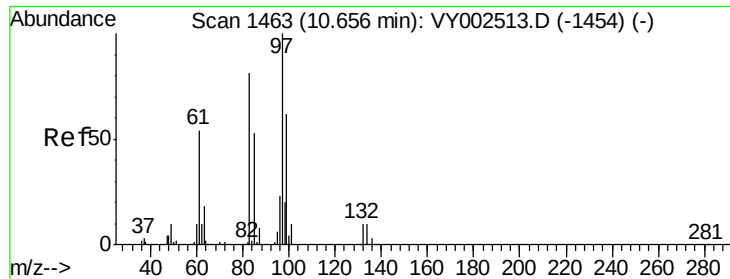


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0

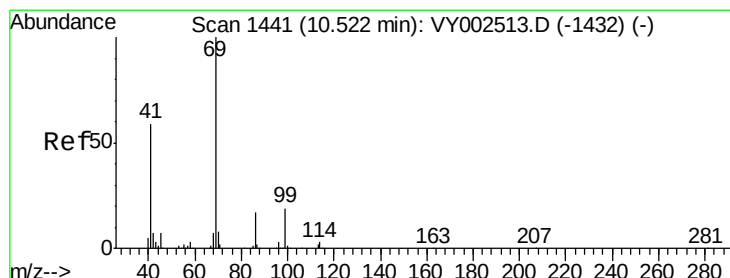
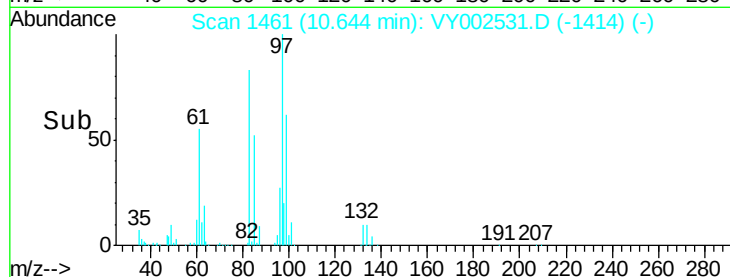
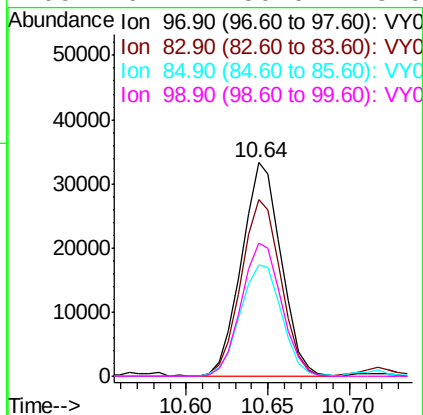
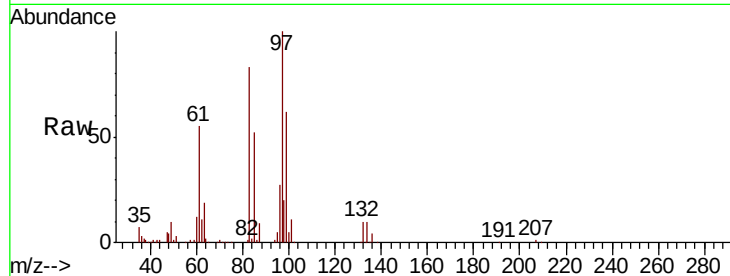




#55
 1,1,2-Trichloroethane
 Concen: 20.434 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.01 min
 Lab File: VY002531.D
 Acq: 04 May 2020 11:35

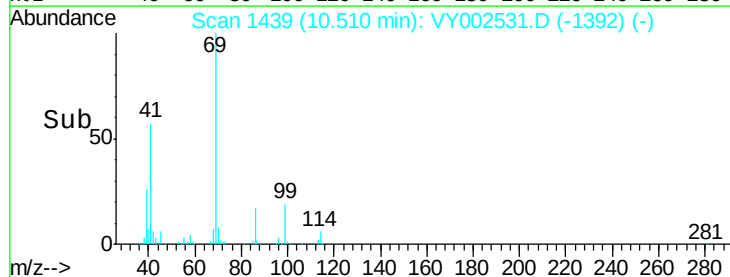
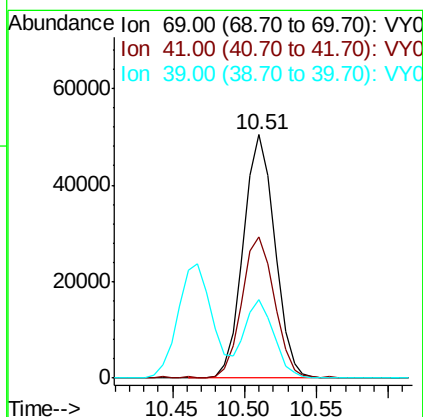
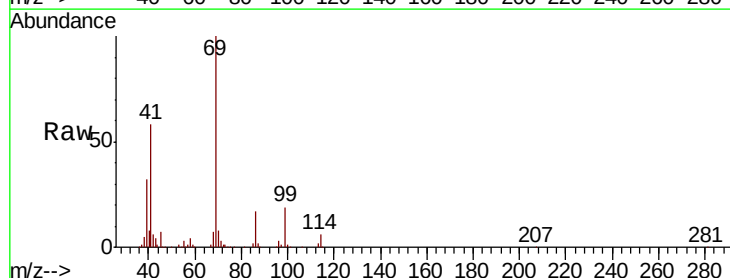
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0504SBSD01

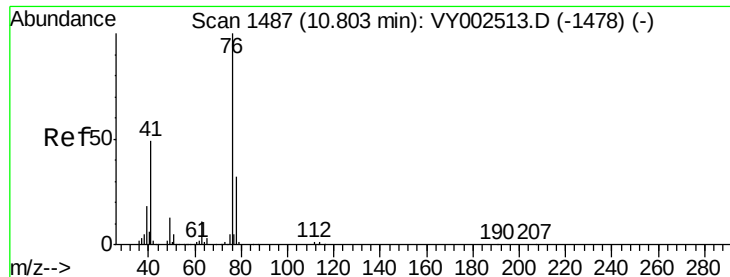
Tot Ion:	97	Resp:	55857
Ion	Ratio	Lower	Upper
97	100		
83	82.7	65.1	97.7
85	52.6	42.7	64.1
99	62.4	50.0	75.0



#56
 Ethyl methacrylate
 Concen: 21.058 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: VY002531.D
 Acq: 04 May 2020 11:35

Tgt Ion:	69	Resp:	76577
Ion	Ratio	Lower	Upper
69	100		
41	60.0	48.6	73.0
39	29.4	25.0	37.4





#57

1,3-Dichloropropane

Concen: 20.459 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. -0.01 min

Lab File: VY002531.D

Acq: 04 May 2020 11:35

Instrument :

MSVOA_Y

ClientSampleId :

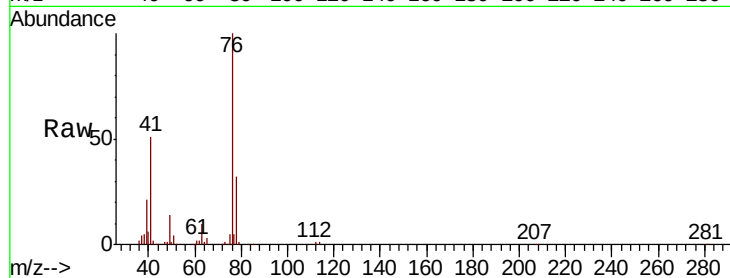
VY0504SBSD01

Tot Ion: 76 Resp: 94843

Ion Ratio Lower Upper

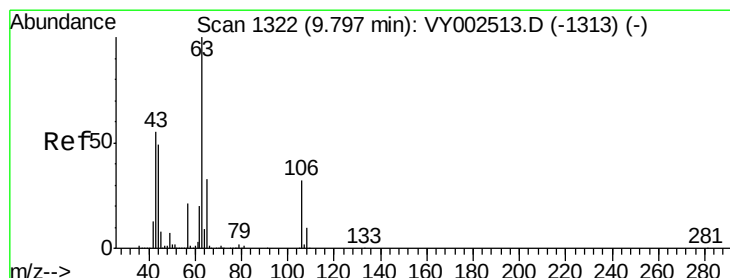
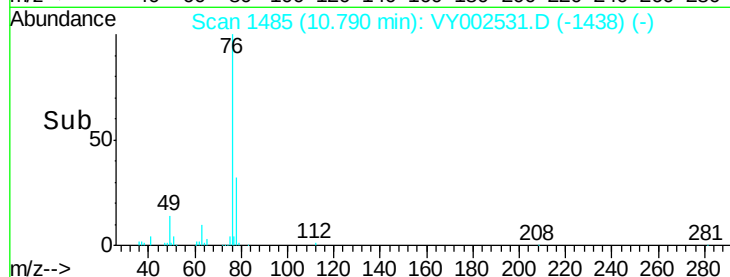
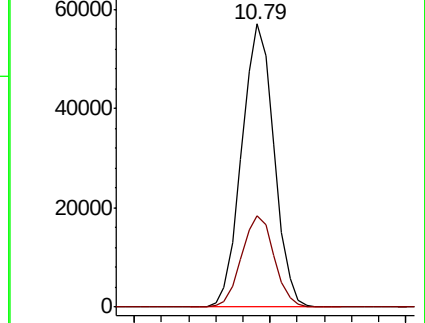
76 100

78 32.5 25.4 38.2



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#58

2-Chloroethyl Vinyl ether

Concen: 106.877 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. -0.01 min

Lab File: VY002531.D

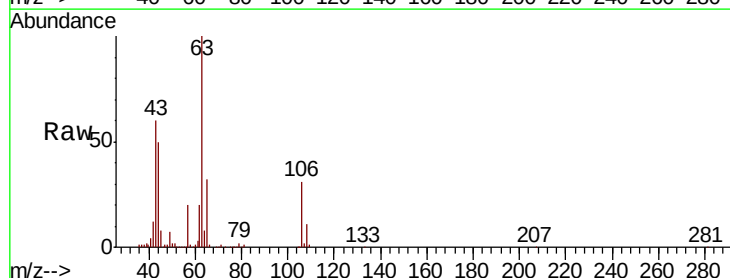
Acq: 04 May 2020 11:35

Tgt Ion: 63 Resp: 204959

Ion Ratio Lower Upper

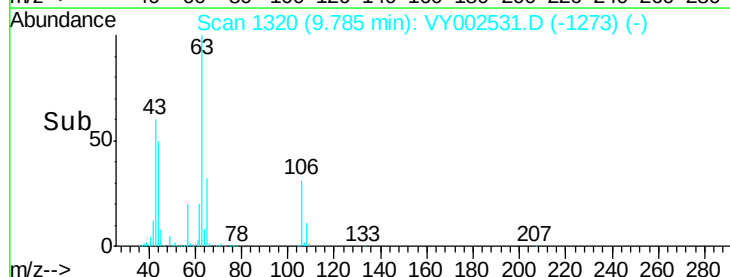
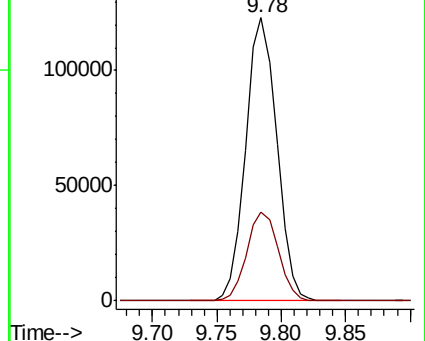
63 100

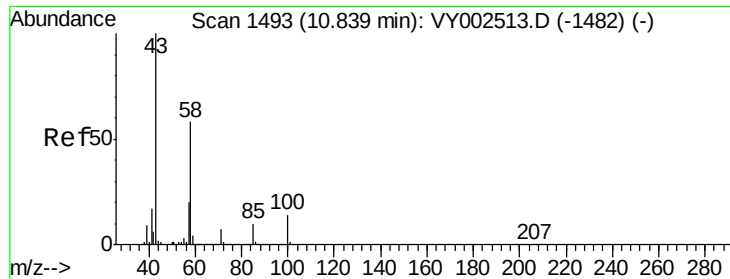
106 31.8 25.2 37.8



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V





#59

2-Hexanone

Concen: 107.779 ug/l

RT: 10.83 min Scan# 1492

Delta R.T. -0.01 min

Lab File: VY002531.D

Acq: 04 May 2020 11:35

Instrument :

MSVOA_Y

ClientSampleId :

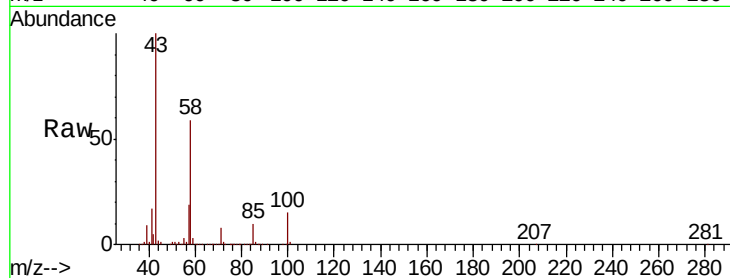
VY0504SBSD01

Tot Ion: 43 Resp: 172164

Ion Ratio Lower Upper

43 100

58 58.5 29.1 87.3



Abundance Ion 43.00 (42.70 to 43.70): VY002531.D (-1482) (-)

Ion 58.00 (57.70 to 58.70): VY002531.D (-1482) (-)

10.83

120000

100000

80000

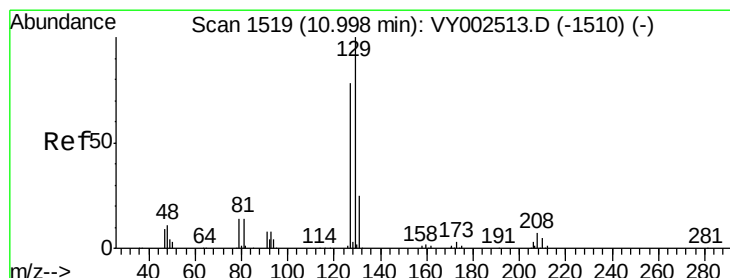
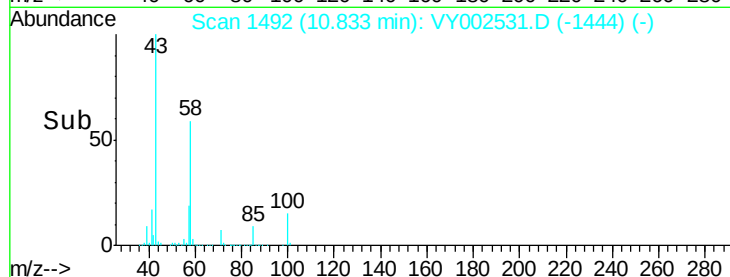
60000

40000

20000

0

Time--> 10.70 10.80 10.90



#60

Dibromochloromethane

Concen: 20.831 ug/l

RT: 10.99 min Scan# 1517

Delta R.T. -0.01 min

Lab File: VY002531.D

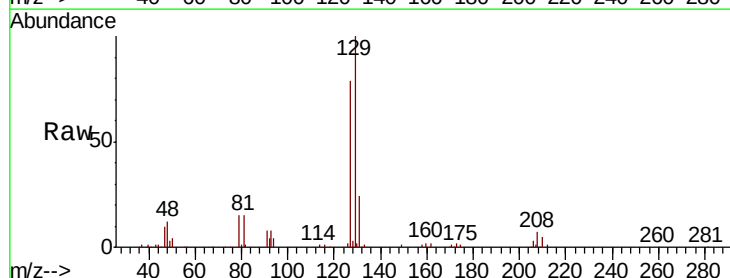
Acq: 04 May 2020 11:35

Tgt Ion: 129 Resp: 72422

Ion Ratio Lower Upper

129 100

127 76.0 39.0 117.0



Abundance Ion 128.80 (128.50 to 129.50): VY002531.D (-1510) (-)

Ion 126.80 (126.50 to 127.50): VY002531.D (-1510) (-)

10.99

50000

40000

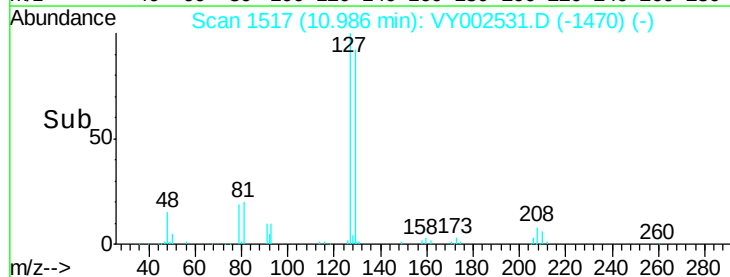
30000

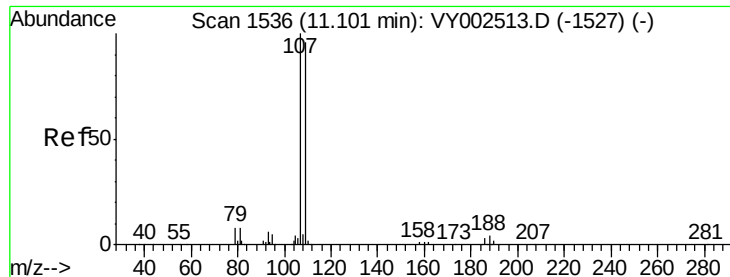
20000

10000

0

Time--> 10.90 10.95 11.00 11.05

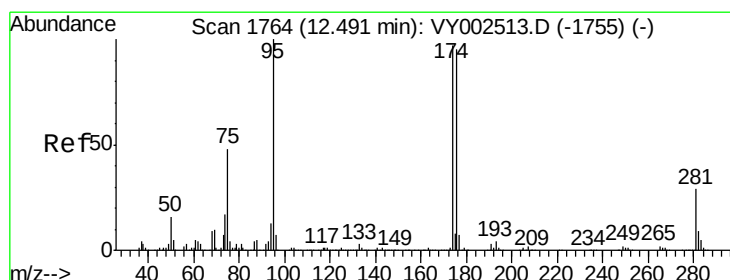
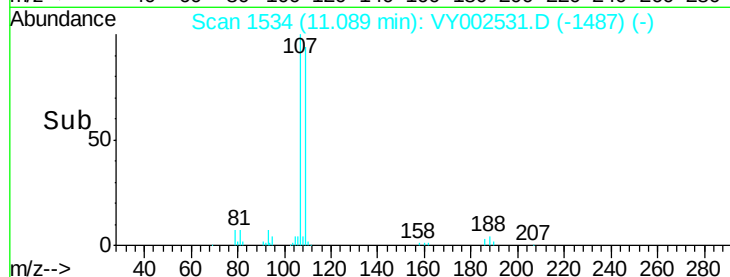
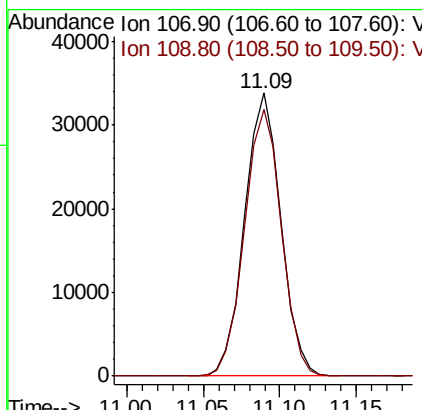
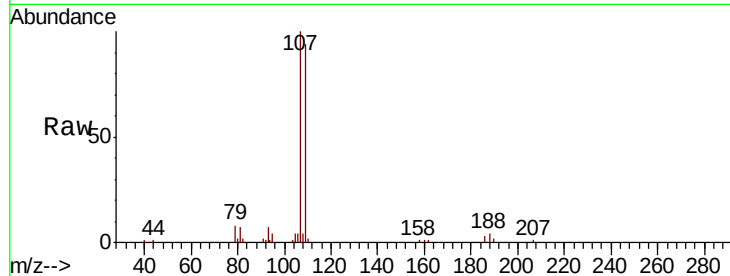




#61
 1,2-Dibromoethane
 Concen: 20.611 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.01 min
 Lab File: VY002531.D
 Acq: 04 May 2020 11:35

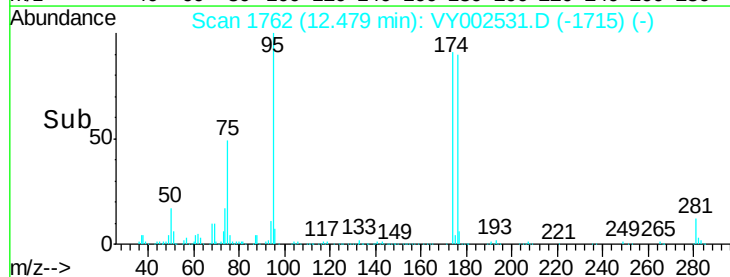
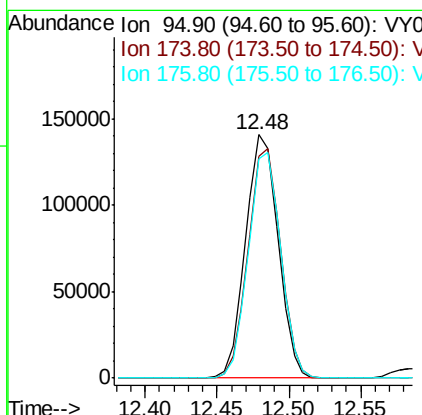
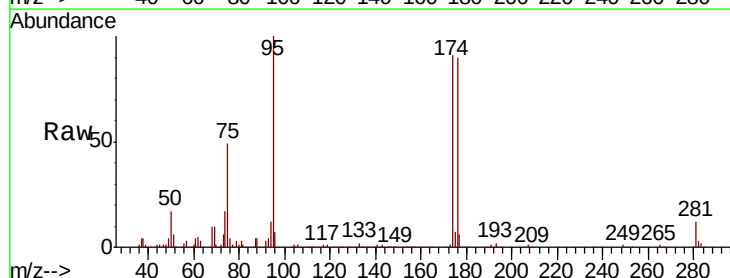
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0504SBS01

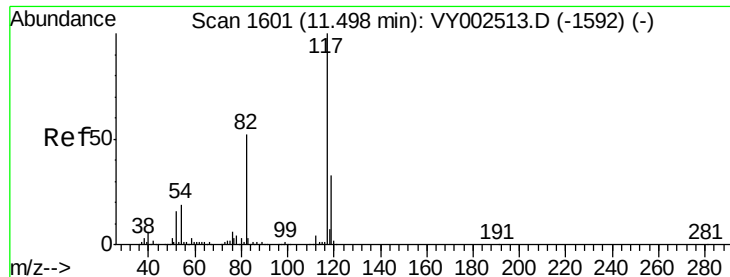
Tot Ion:107 Resp: 55788
 Ion Ratio Lower Upper
 107 100
 109 95.7 75.8 113.8



#62
 4-Bromofluorobenzene
 Concen: 52.102 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.01 min
 Lab File: VY002531.D
 Acq: 04 May 2020 11:35

Tgt Ion: 95 Resp: 220142
 Ion Ratio Lower Upper
 95 100
 174 94.3 0.0 188.8
 176 92.2 0.0 183.2

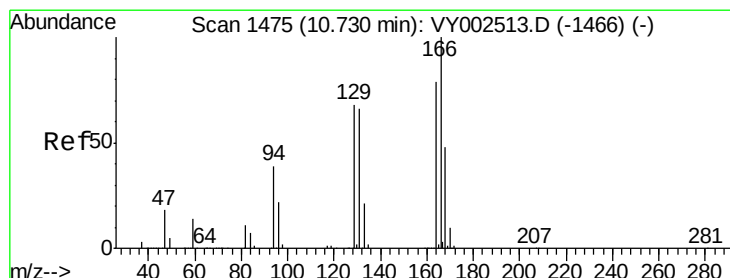
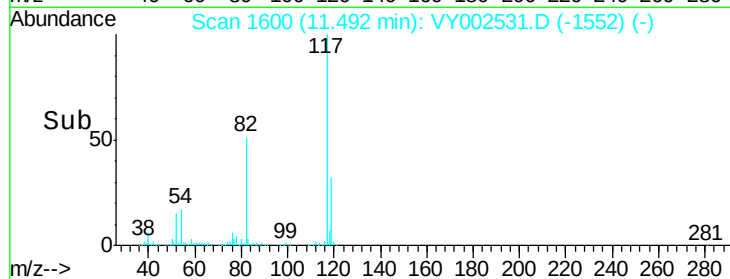
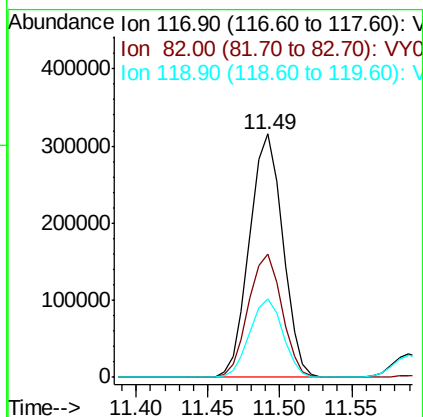
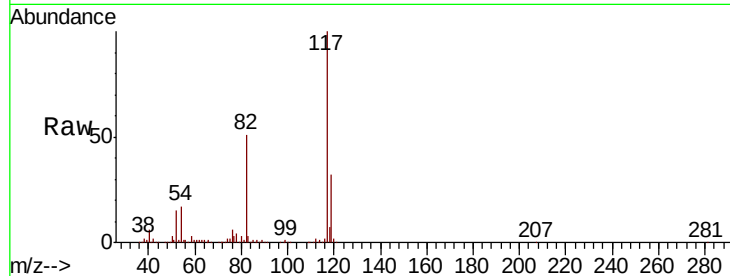




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY002531.D
Acq: 04 May 2020 11:35

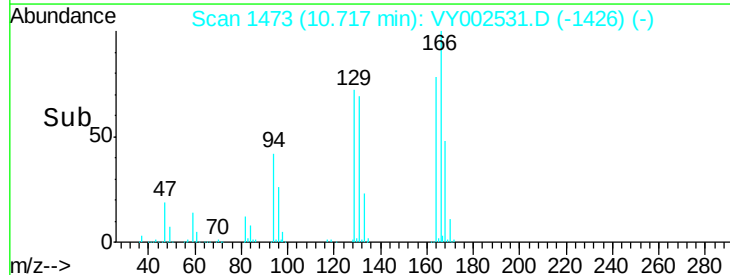
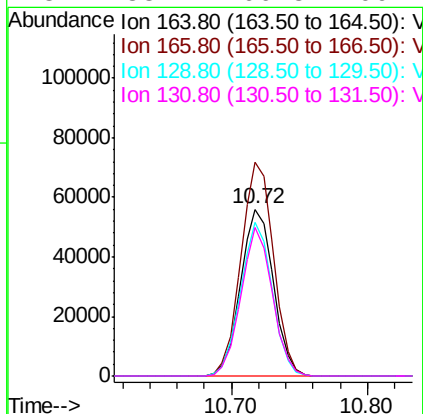
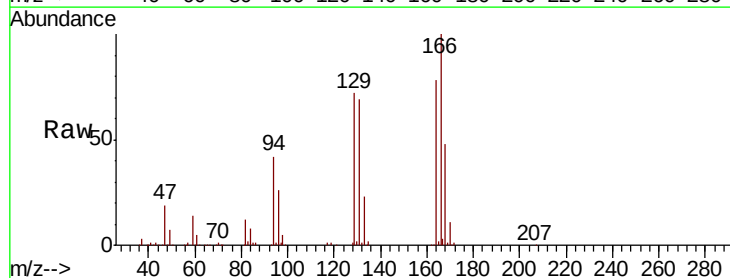
Instrument :
MSVOA_Y
ClientSampleId :
VY0504SBSD01

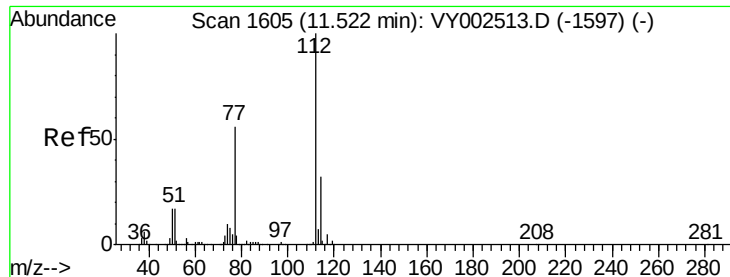
Tot Ion:117 Resp: 506250
Ion Ratio Lower Upper
117 100
82 50.8 41.3 61.9
119 32.1 26.0 39.0



#64
Tetrachloroethene
Concen: 20.995 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.01 min
Lab File: VY002531.D
Acq: 04 May 2020 11:35

Tgt Ion:164 Resp: 94435
Ion Ratio Lower Upper
164 100
166 128.0 100.7 151.1
129 92.3 68.3 102.5
131 88.7 66.8 100.2

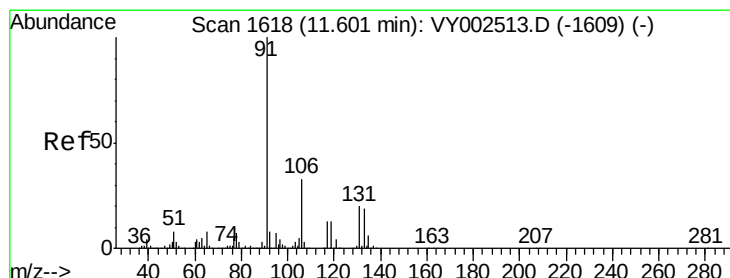
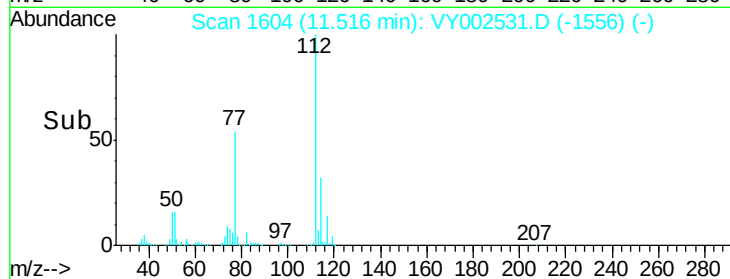
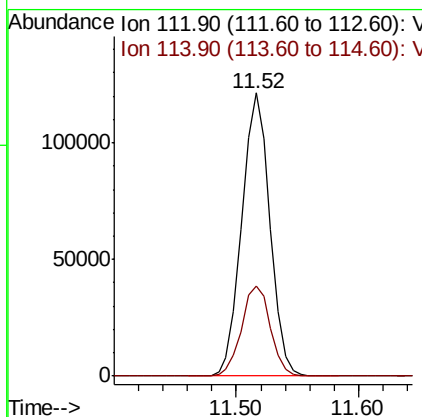
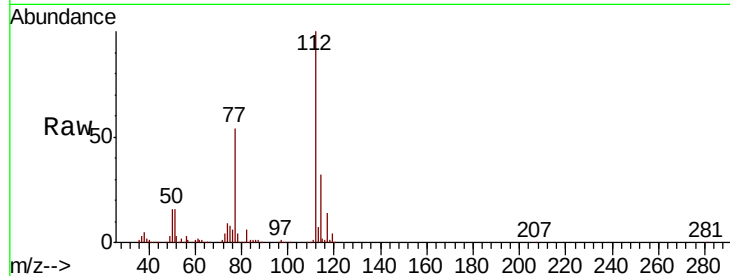




#65
Chlorobenzene
Concen: 20.038 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.01 min
Lab File: VY002531.D
Acq: 04 May 2020 11:35

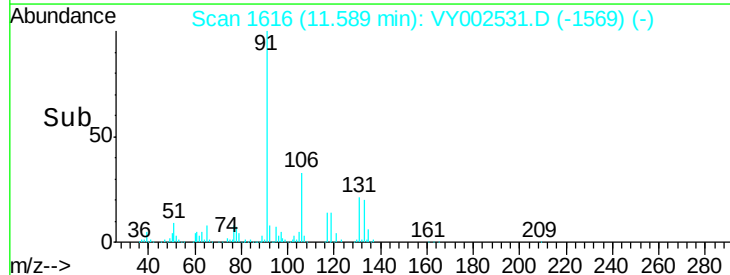
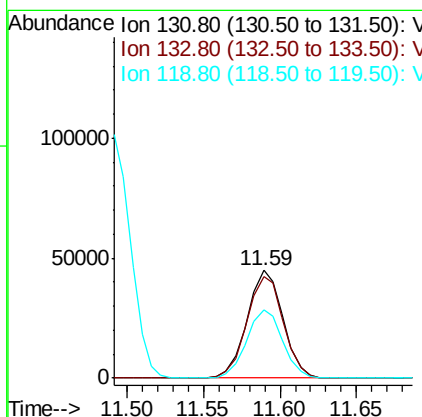
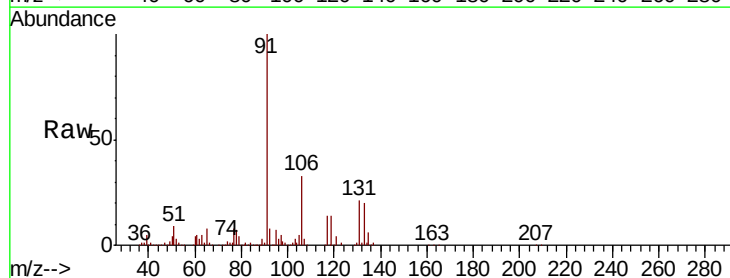
Instrument :
MSVOA_Y
ClientSampleId :
VY0504SBSD01

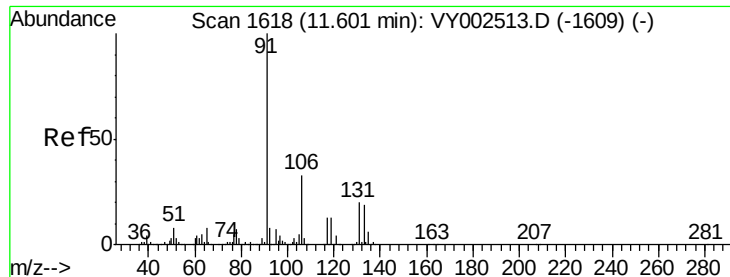
Tot Ion:112 Resp: 192845
Ion Ratio Lower Upper
112 100
114 31.8 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 20.363 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.01 min
Lab File: VY002531.D
Acq: 04 May 2020 11:35

Tgt Ion:131 Resp: 72744
Ion Ratio Lower Upper
131 100
133 96.6 48.1 144.4
119 63.8 31.6 95.0





#67

Ethyl Benzene

Concen: 19.884 ug/l

RT: 11.60 min Scan# 1617

Delta R.T. -0.01 min

Lab File: VY002531.D

Acq: 04 May 2020 11:35

Instrument :

MSVOA_Y

ClientSampleId :

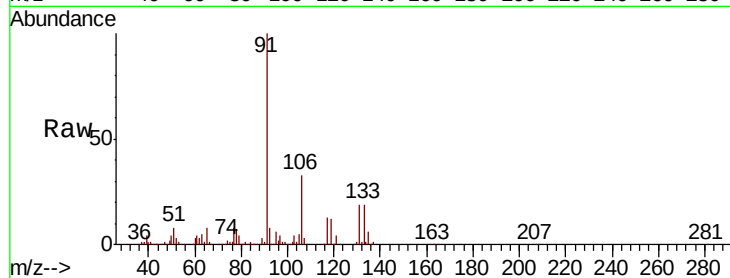
VY0504SBS01

Tot Ion: 91 Resp: 336135

Ion Ratio Lower Upper

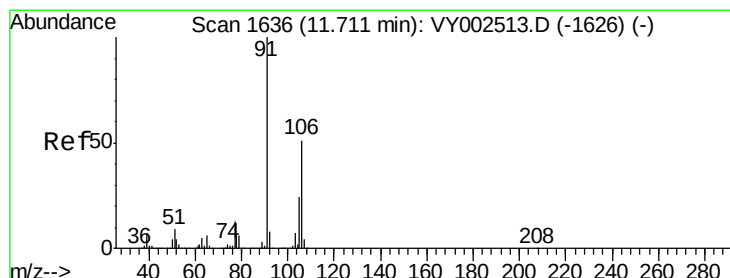
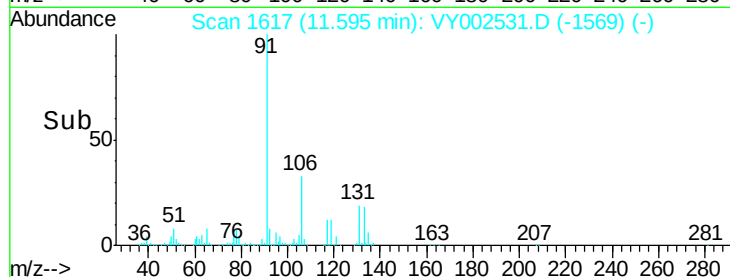
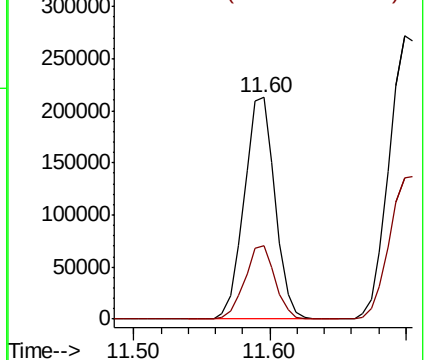
91 100

106 32.9 26.1 39.1



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 39.690 ug/l

RT: 11.70 min Scan# 1635

Delta R.T. -0.01 min

Lab File: VY002531.D

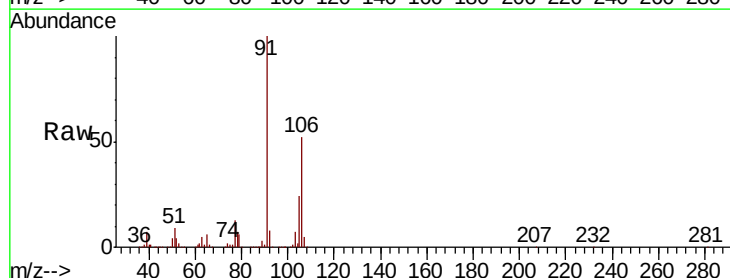
Acq: 04 May 2020 11:35

Tgt Ion: 106 Resp: 259608

Ion Ratio Lower Upper

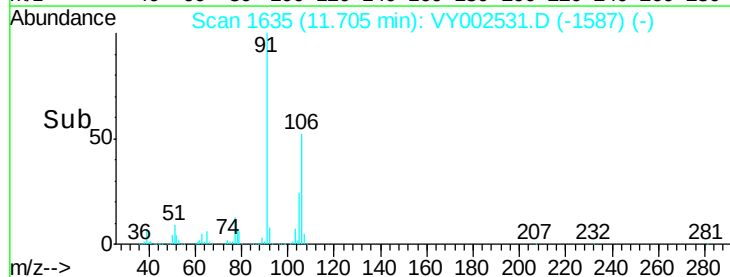
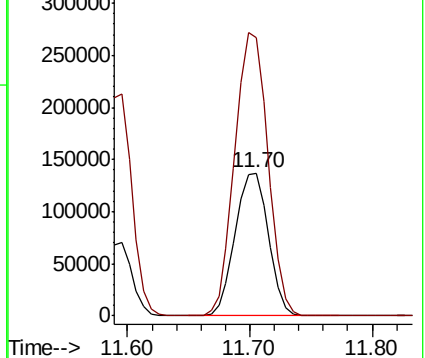
106 100

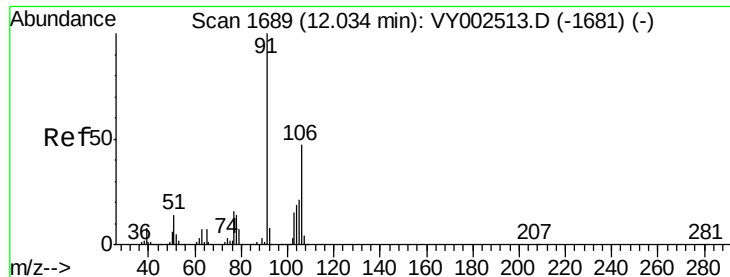
91 196.6 155.2 232.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VY0

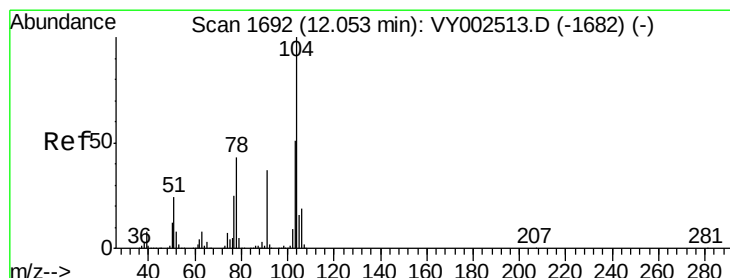
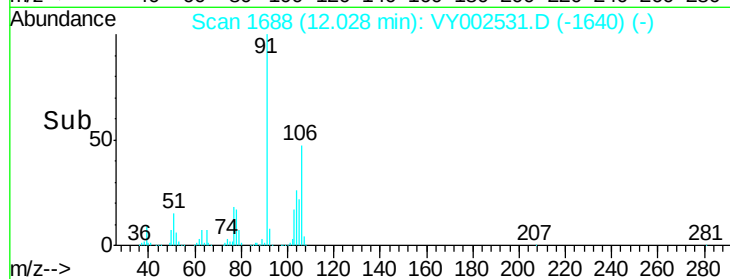
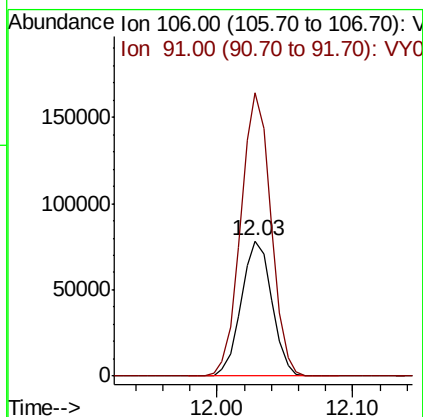
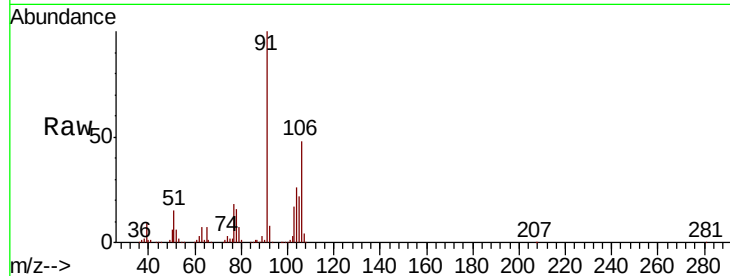




#69
o-Xylene
Concen: 20.161 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.01 min
Lab File: VY002531.D
Acq: 04 May 2020 11:35

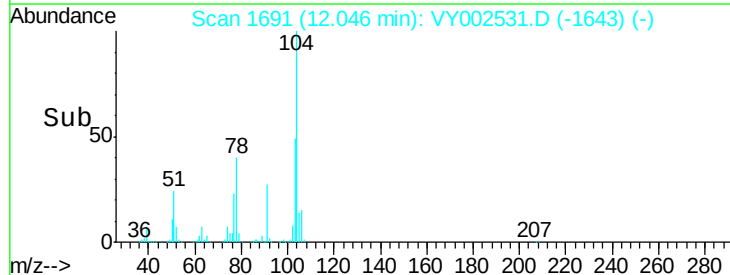
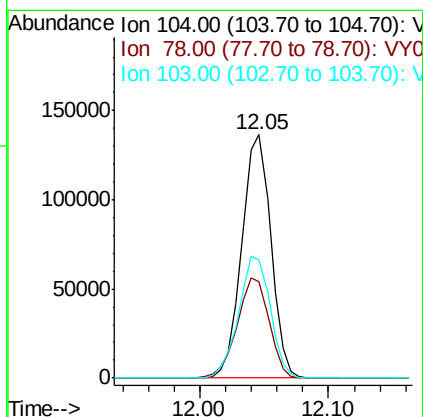
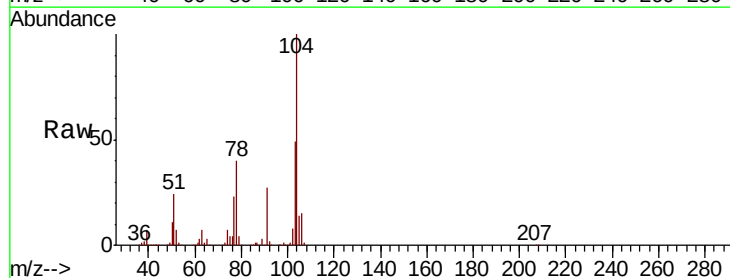
Instrument :
MSVOA_Y
ClientSampleId :
VY0504SBS01

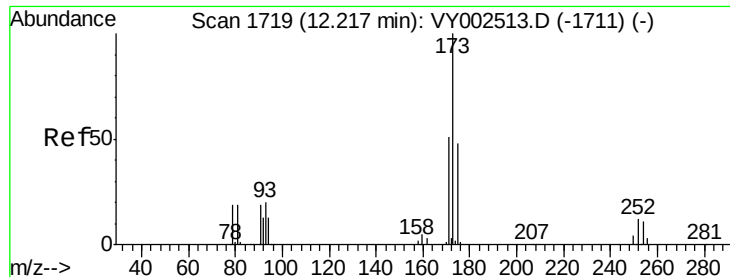
Tot Ion:106 Resp: 123476
Ion Ratio Lower Upper
106 100
91 206.0 103.8 311.3



#70
Styrene
Concen: 20.367 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. -0.01 min
Lab File: VY002531.D
Acq: 04 May 2020 11:35

Tgt Ion:104 Resp: 213236
Ion Ratio Lower Upper
104 100
78 45.3 37.4 56.0
103 54.7 43.9 65.9

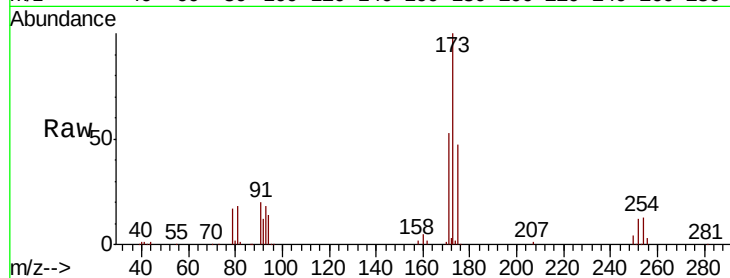




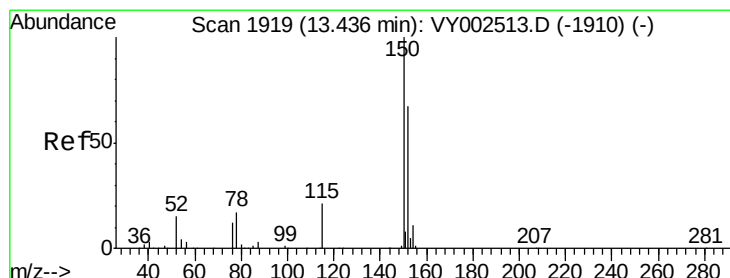
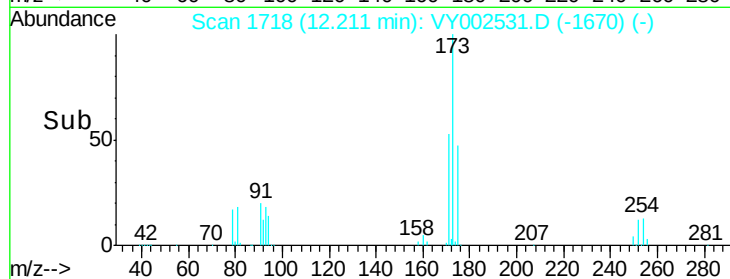
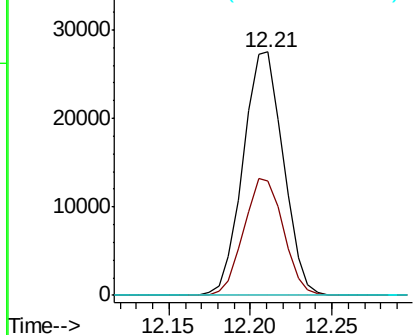
#71
Bromoform
Concen: 21.284 ug/l
RT: 12.21 min Scan# 1718
Delta R.T. -0.01 min
Lab File: VY002531.D
Acq: 04 May 2020 11:35

Instrument :
MSVOA_Y
ClientSampleId :
VY0504SBSD01

Tot Ion:173 Resp: 47193
Ion Ratio Lower Upper
173 100
175 47.3 24.3 72.8
254 0.0 0.2 0.2#

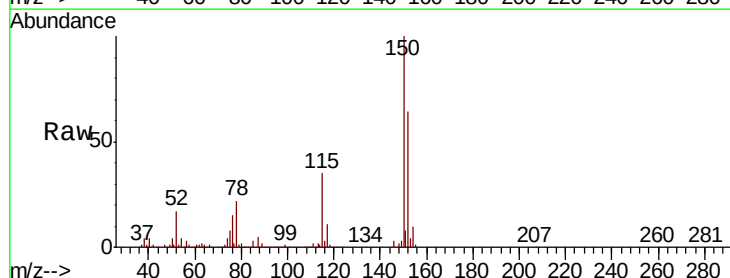


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

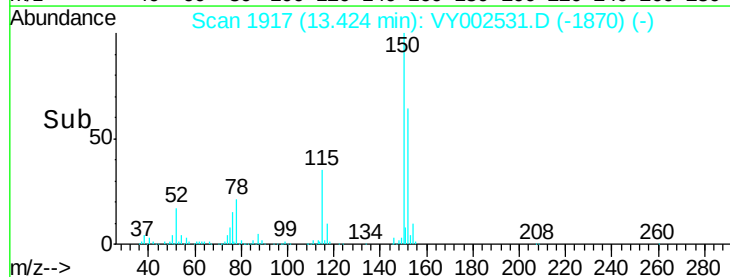
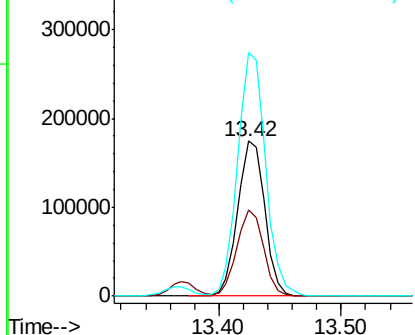


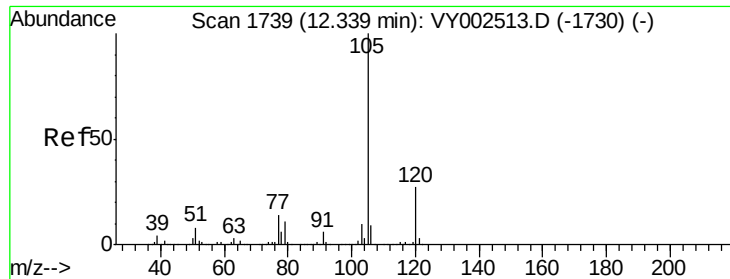
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.01 min
Lab File: VY002531.D
Acq: 04 May 2020 11:35

Tgt Ion:152 Resp: 266320
Ion Ratio Lower Upper
152 100
115 54.7 27.5 82.4
150 162.5 0.0 346.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.712 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.01 min

Lab File: VY002531.D

Acq: 04 May 2020 11:35

Instrument :

MSVOA_Y

ClientSampleId :

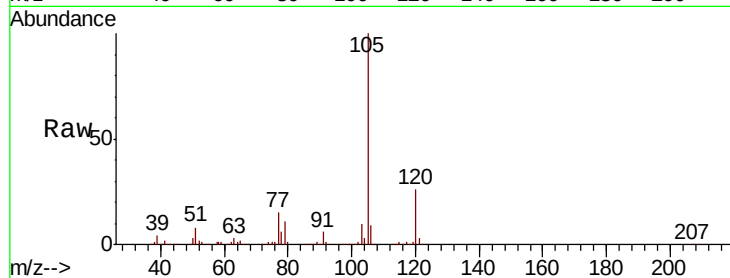
VY0504SBS01

Tot Ion:105 Resp: 340224

Ion Ratio Lower Upper

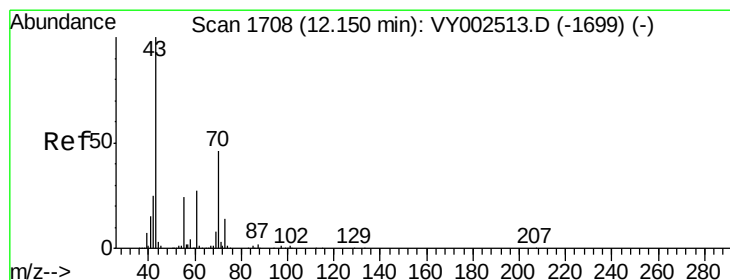
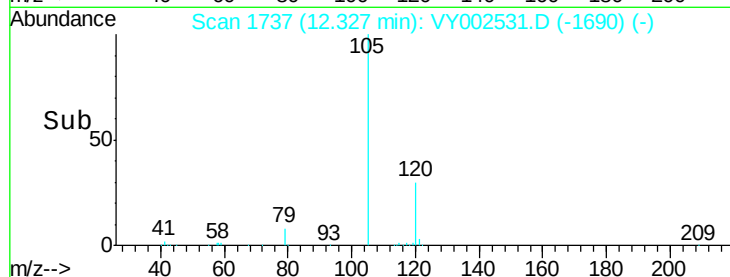
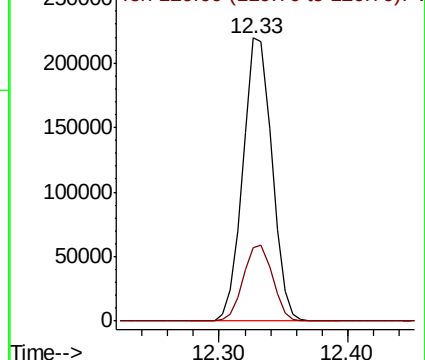
105 100

120 27.2 13.8 41.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 21.029 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.01 min

Lab File: VY002531.D

Acq: 04 May 2020 11:35

Tgt Ion: 43 Resp: 87313

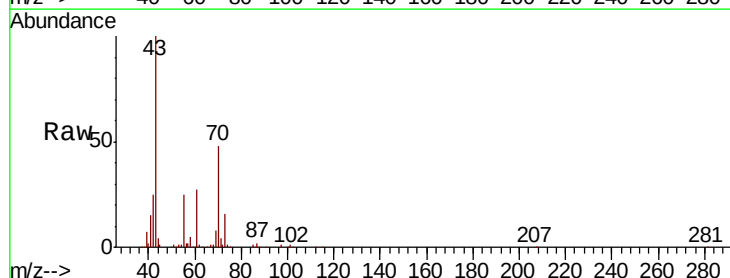
Ion Ratio Lower Upper

43 100

70 46.3 36.7 55.1

55 24.5 19.2 28.8

61 26.0 21.1 31.7

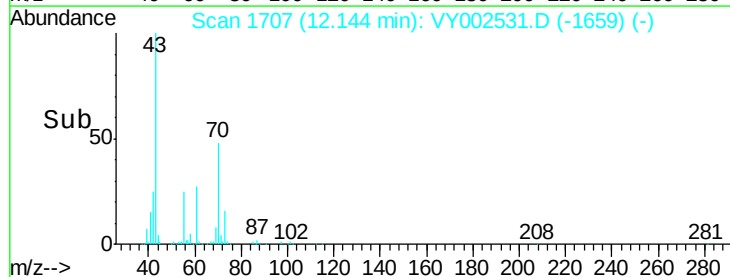
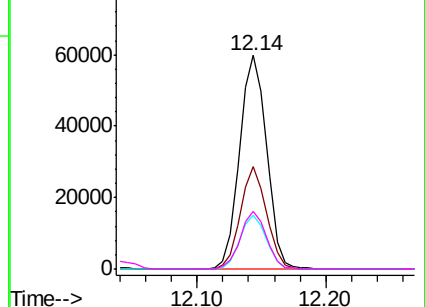


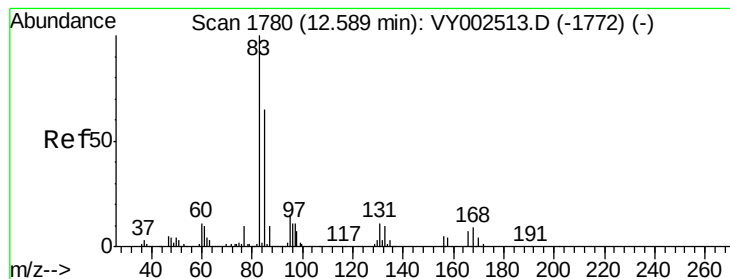
Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0





#75

1,1,2,2-Tetrachloroethane

Concen: 19.839 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.01 min

Lab File: VY002531.D

Acq: 04 May 2020 11:35

Instrument :

MSVOA_Y

ClientSampleId :

VY0504SBSD01

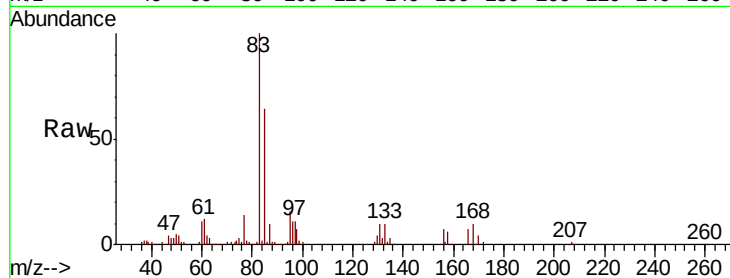
Tot Ion: 83 Resp: 54458

Ion Ratio Lower Upper

83 100

131 11.3 5.9 17.8

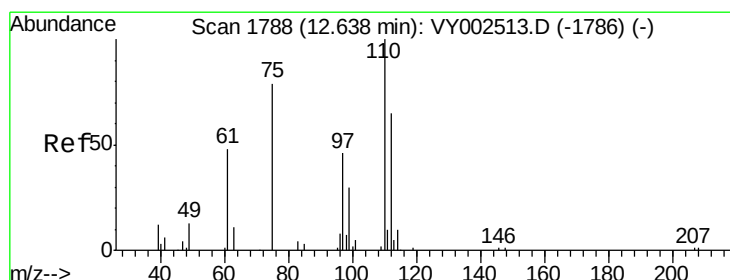
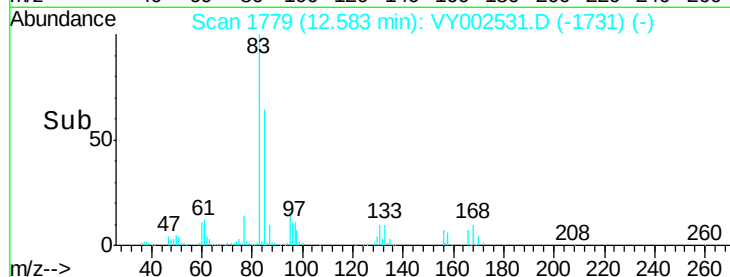
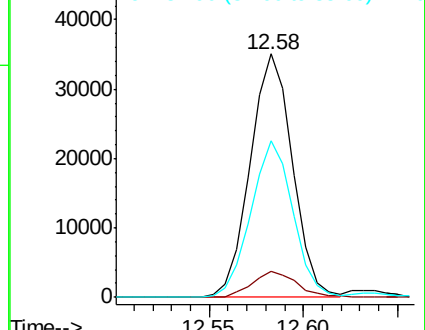
85 64.0 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 130.80 (130.50 to 131.50): VY0

Ion 84.90 (84.60 to 85.60): VY0



#76

1,2,3-Trichloropropane

Concen: 37.080 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. -0.01 min

Lab File: VY002531.D

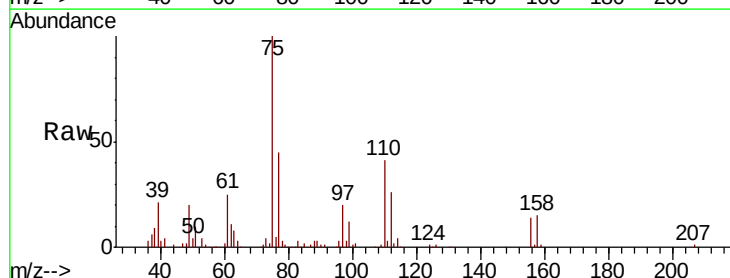
Acq: 04 May 2020 11:35

Tgt Ion: 75 Resp: 87757

Ion Ratio Lower Upper

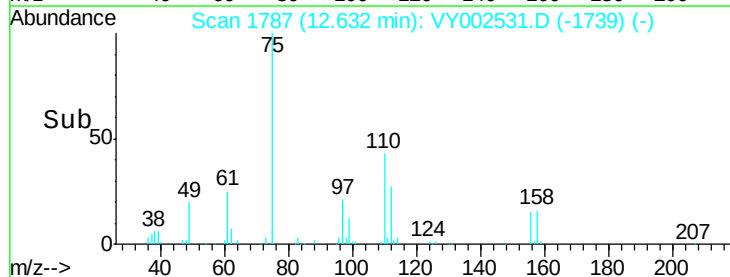
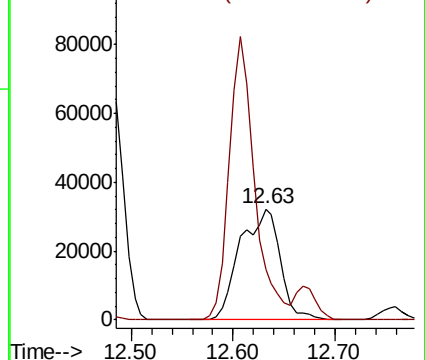
75 100

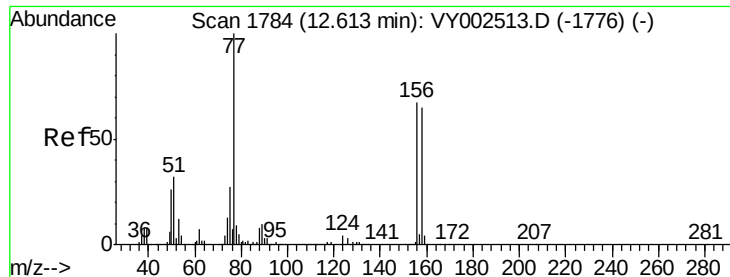
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 19.875 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.01 min

Lab File: VY002531.D

Acq: 04 May 2020 11:35

Instrument :

MSVOA_Y

ClientSampleId :

VY0504SBSD01

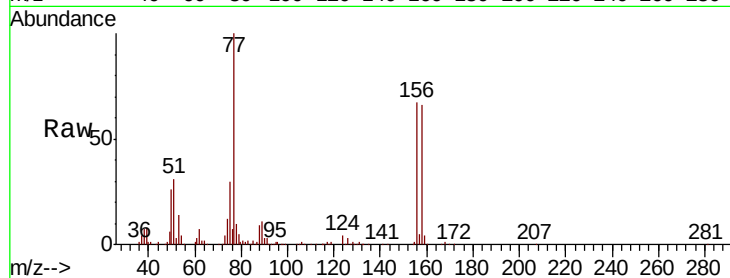
Tot Ion:156 Resp: 85708

Ion Ratio Lower Upper

156 100

77 166.3 82.0 245.8

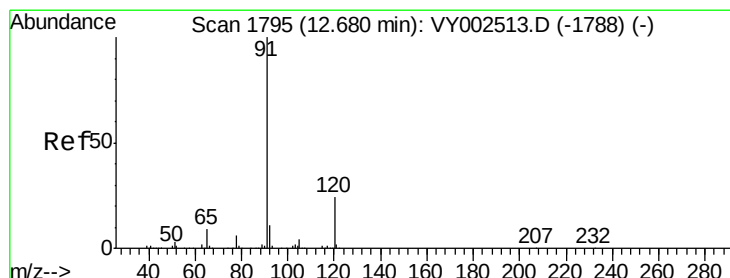
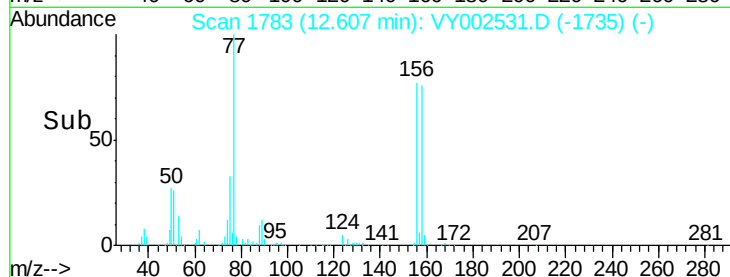
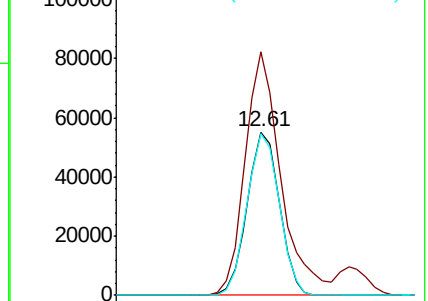
158 98.9 48.5 145.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.679 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. -0.01 min

Lab File: VY002531.D

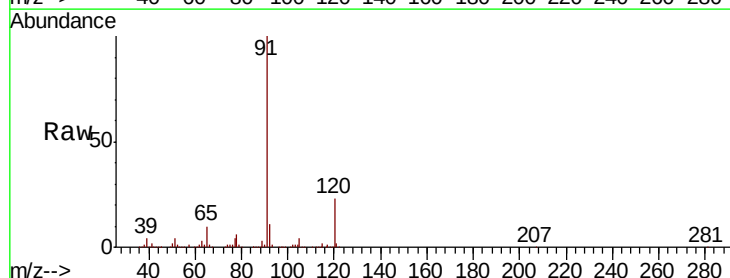
Acq: 04 May 2020 11:35

Tgt Ion: 91 Resp: 394180

Ion Ratio Lower Upper

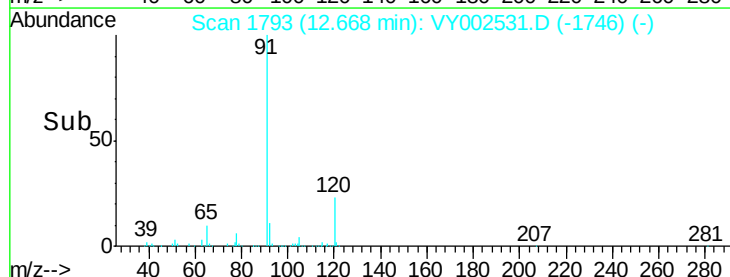
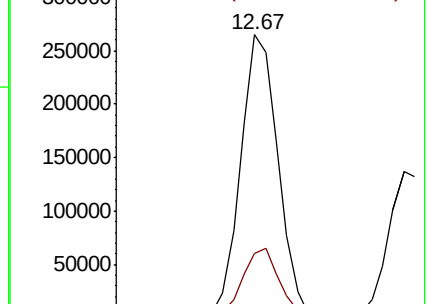
91 100

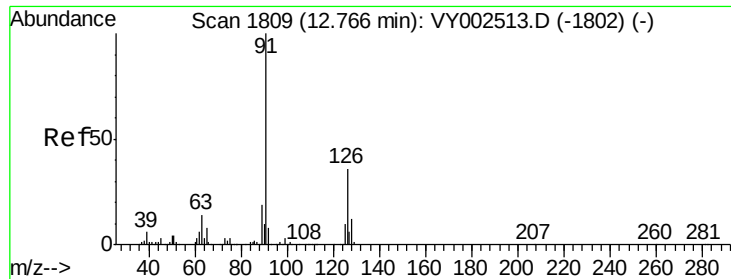
120 24.2 12.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.663 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. -0.01 min

Lab File: VY002531.D

Acq: 04 May 2020 11:35

Instrument :

MSVOA_Y

ClientSampleId :

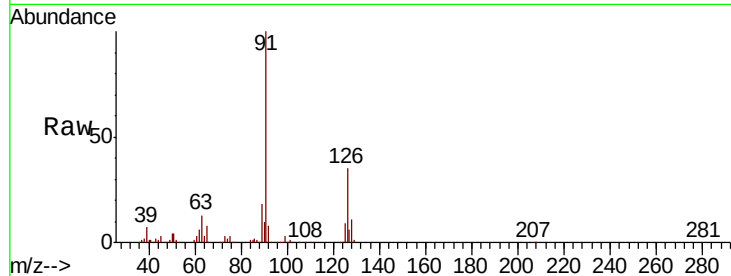
VY0504SBSD01

Tot Ion: 91 Resp: 218163

Ion Ratio Lower Upper

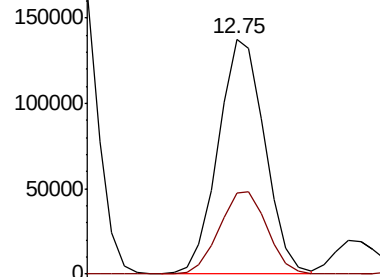
91 100

126 36.1 18.4 55.2

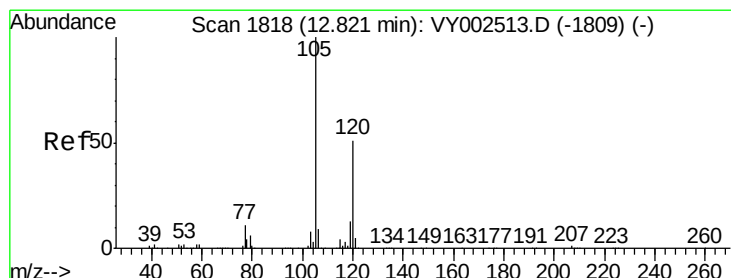
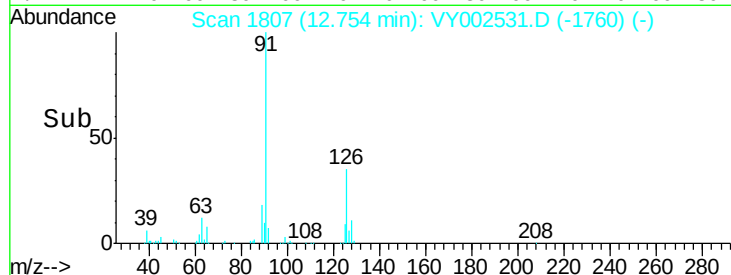


Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V



Time-->



#80

1,3,5-Trimethylbenzene

Concen: 19.866 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. -0.01 min

Lab File: VY002531.D

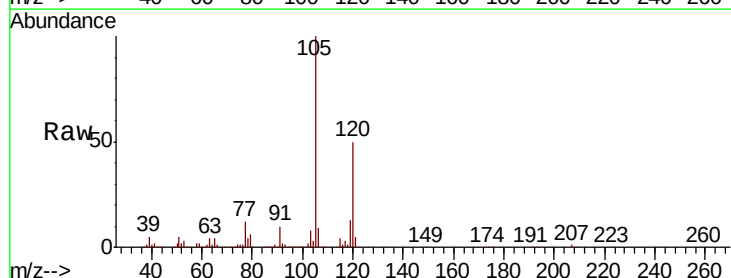
Acq: 04 May 2020 11:35

Tgt Ion:105 Resp: 284228

Ion Ratio Lower Upper

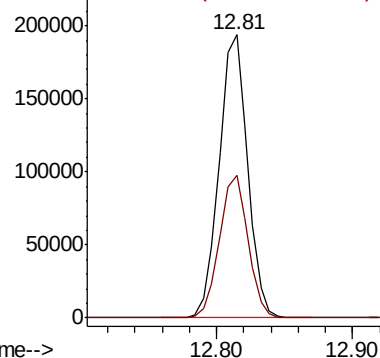
105 100

120 50.6 25.3 75.9

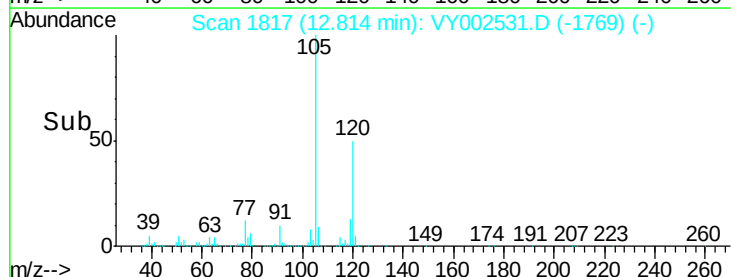


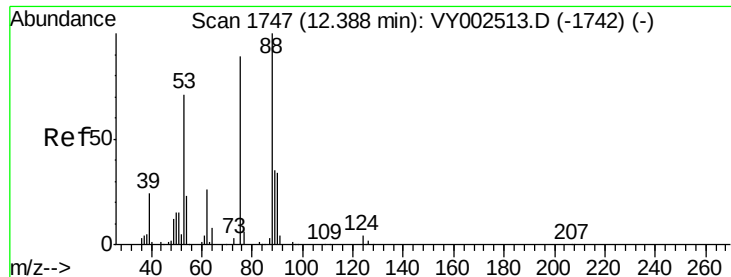
Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 20.657 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. -0.01 min

Lab File: VY002531.D

Acq: 04 May 2020 11:35

Instrument :

MSVOA_Y

ClientSampleId :

VY0504SBS01

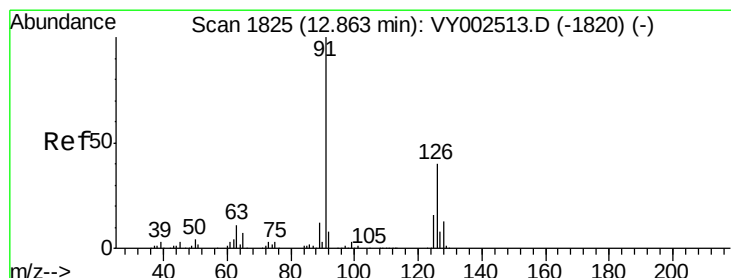
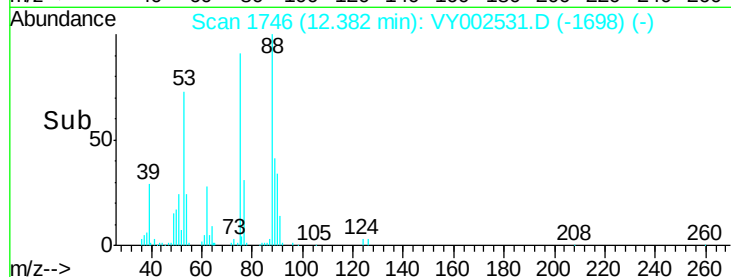
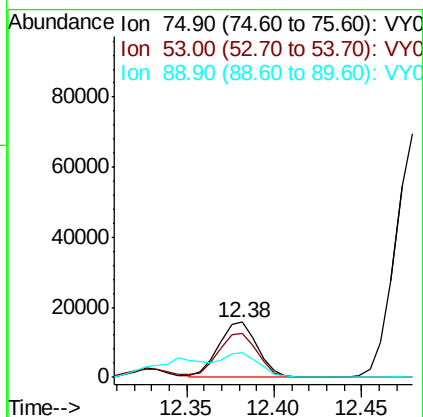
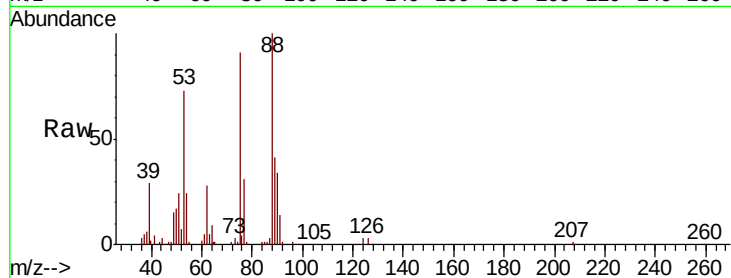
Tot Ion: 75 Resp: 24381

Ion Ratio Lower Upper

75 100

53 83.0 67.4 101.0

89 42.9 37.4 56.0



#82

4-Chlorotoluene

Concen: 19.658 ug/l

RT: 12.86 min Scan# 1824

Delta R.T. -0.01 min

Lab File: VY002531.D

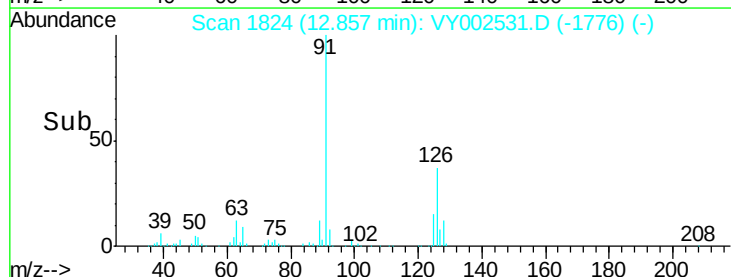
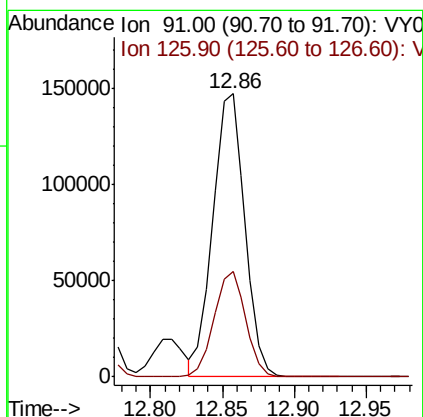
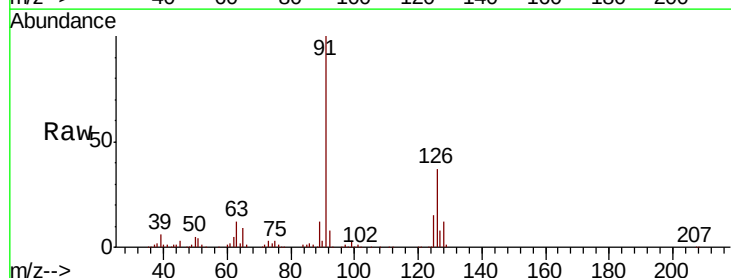
Acq: 04 May 2020 11:35

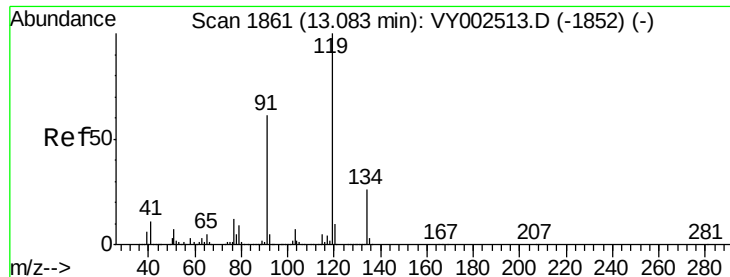
Tgt Ion: 91 Resp: 229112

Ion Ratio Lower Upper

91 100

126 36.7 18.5 55.5

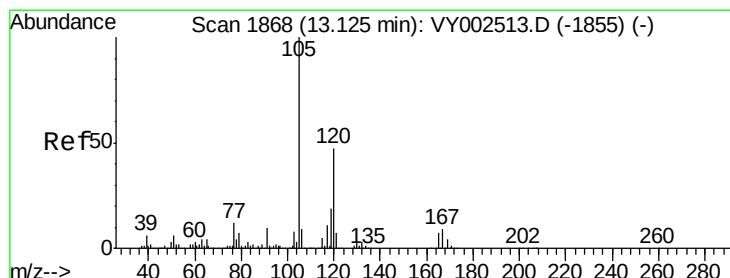
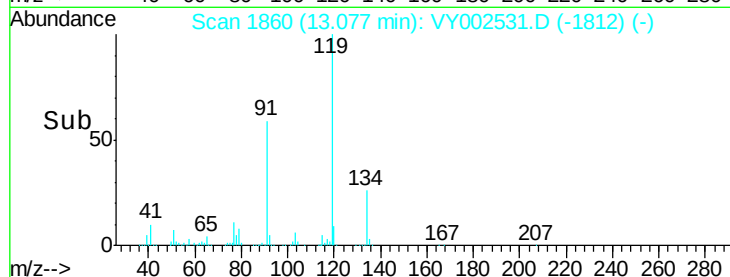
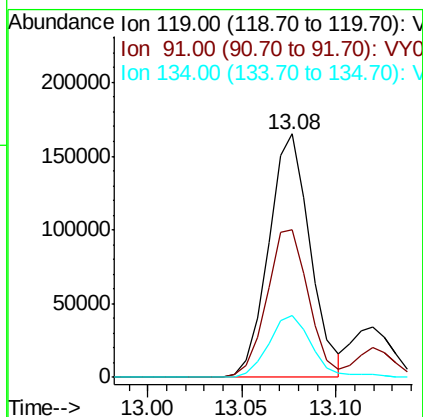
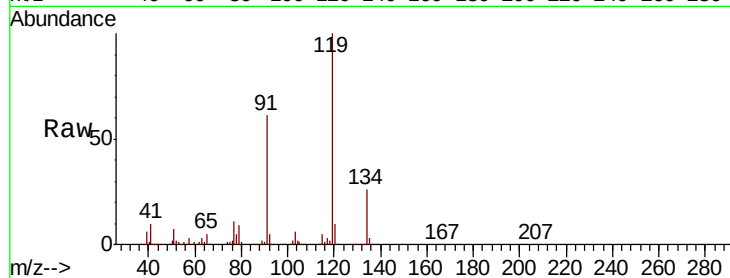




#83
 tert-Butylbenzene
 Concen: 20.082 ug/l
 RT: 13.08 min Scan# 1860
 Delta R.T. -0.01 min
 Lab File: VY002531.D
 Acq: 04 May 2020 11:35

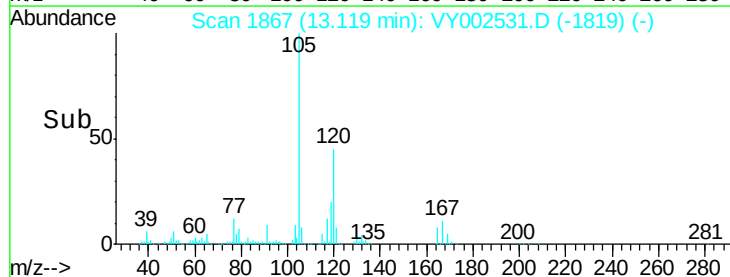
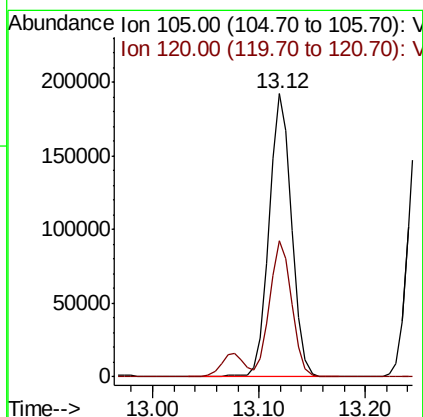
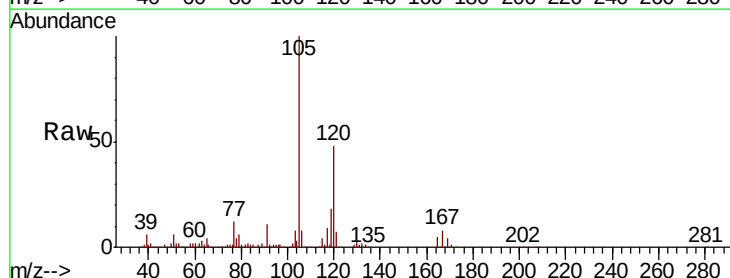
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0504SBSD01

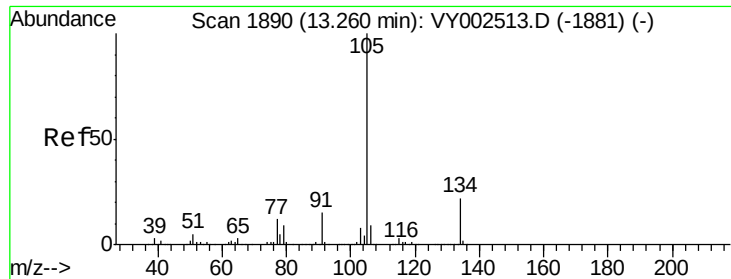
Tot Ion	Ratio	Lower	Upper
119	100		
91	61.0	30.6	91.6
134	26.6	13.5	40.4



#84
 1,2,4-Trimethylbenzene
 Concen: 19.943 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. -0.01 min
 Lab File: VY002531.D
 Acq: 04 May 2020 11:35

Tgt Ion	Ratio	Lower	Upper
105	100		
120	47.2	23.4	70.3





#85

sec-Butylbenzene

Concen: 20.000 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.01 min

Lab File: VY002531.D

Acq: 04 May 2020 11:35

Instrument :

MSVOA_Y

ClientSampleId :

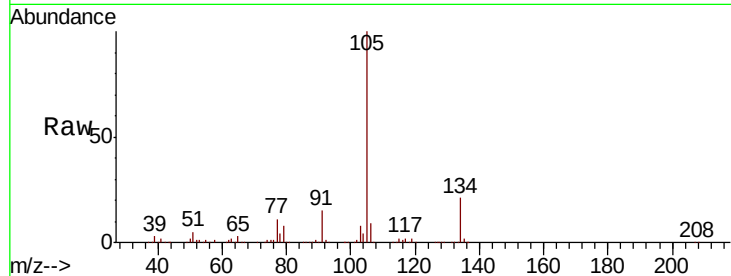
VY0504SBS01

Tot Ion:105 Resp: 348157

Ion Ratio Lower Upper

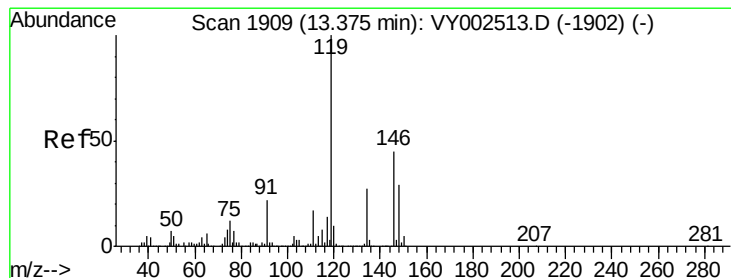
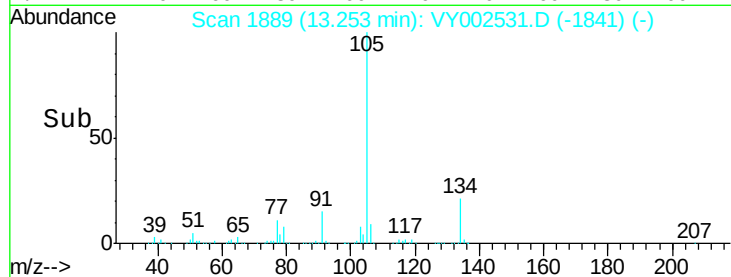
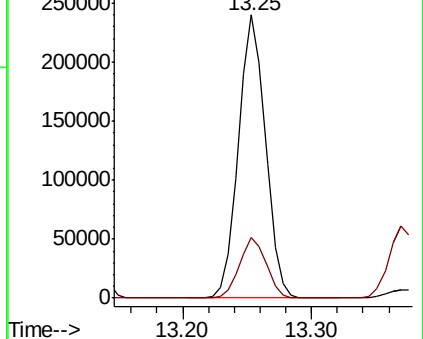
105 100

134 21.2 10.8 32.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.829 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.01 min

Lab File: VY002531.D

Acq: 04 May 2020 11:35

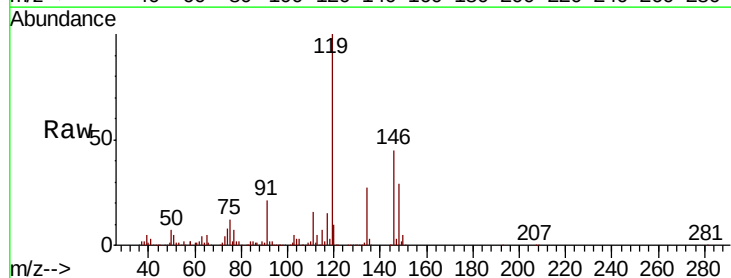
Tgt Ion:119 Resp: 323420

Ion Ratio Lower Upper

119 100

134 27.5 13.5 40.5

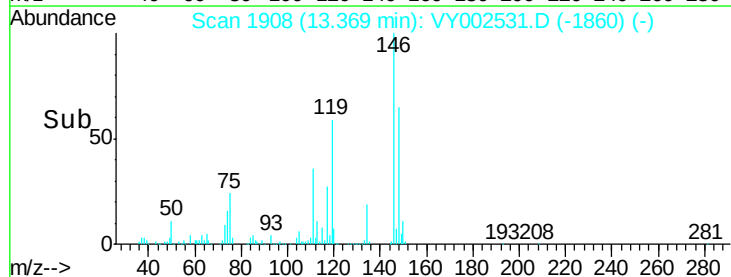
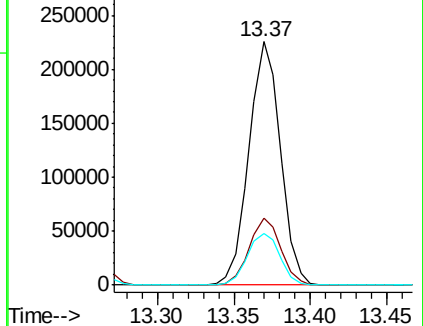
91 22.1 10.9 32.9

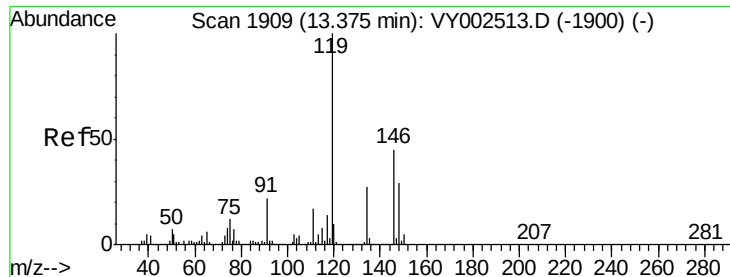


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

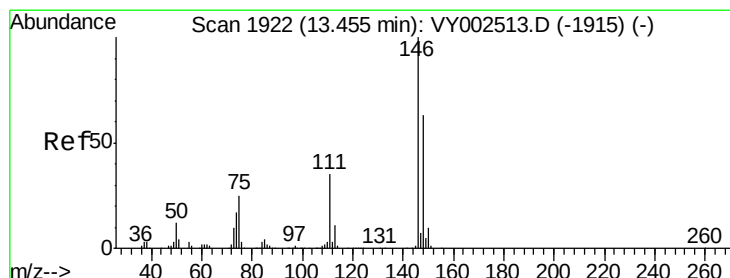
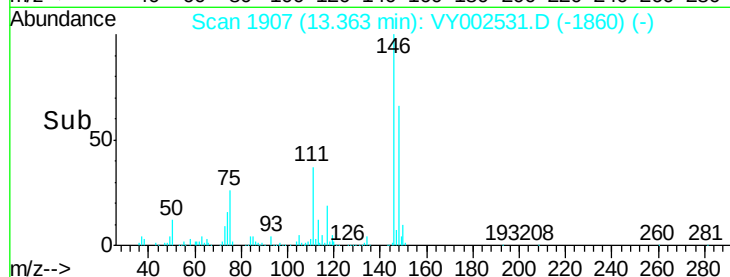
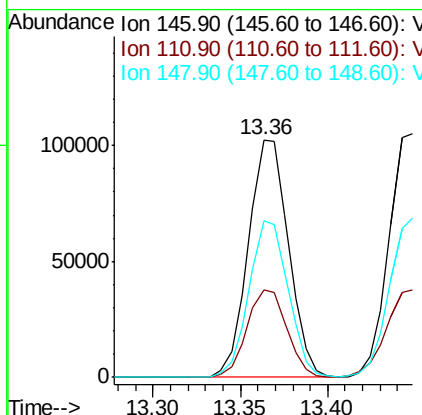
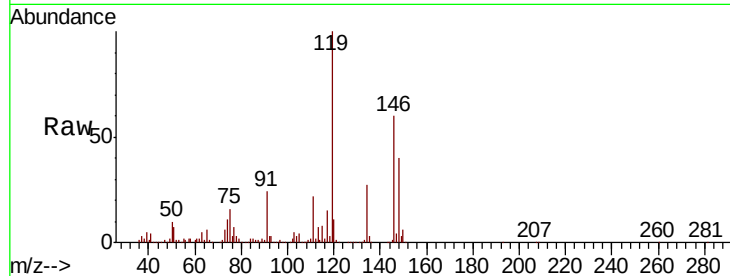




#87
 1,3-Dichlorobenzene
 Concen: 20.077 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.01 min
 Lab File: VY002531.D
 Acq: 04 May 2020 11:35

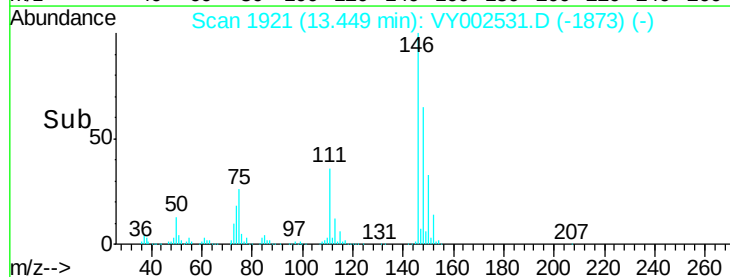
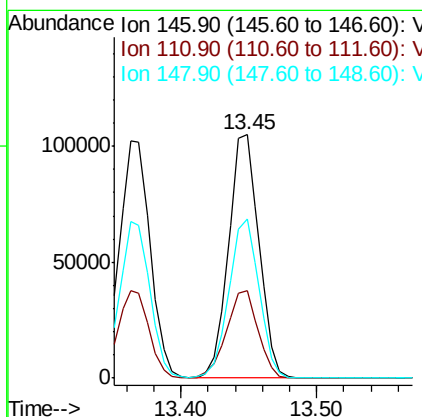
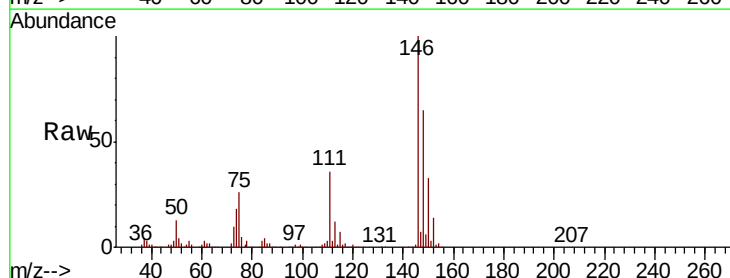
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0504SBSD01

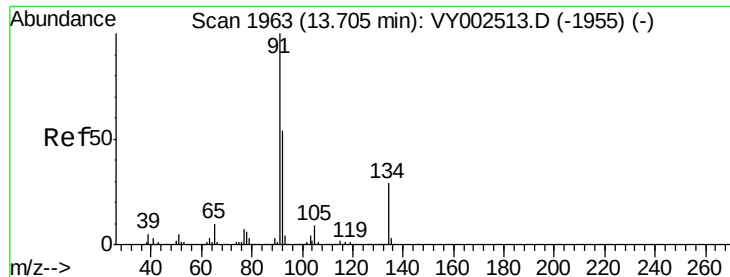
Tot Ion	Ratio	Lower	Upper
146	100		
111	36.7	18.8	56.3
148	64.4	32.1	96.3



#88
 1,4-Dichlorobenzene
 Concen: 20.131 ug/l
 RT: 13.45 min Scan# 1921
 Delta R.T. -0.01 min
 Lab File: VY002531.D
 Acq: 04 May 2020 11:35

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.7	18.1	54.1
148	65.2	31.9	95.5





#89

n-Butylbenzene

Concen: 19.959 ug/l

RT: 13.70 min Scan# 1962

Delta R.T. -0.01 min

Lab File: VY002531.D

Acq: 04 May 2020 11:35

Instrument :

MSVOA_Y

ClientSampleId :

VY0504SBS01

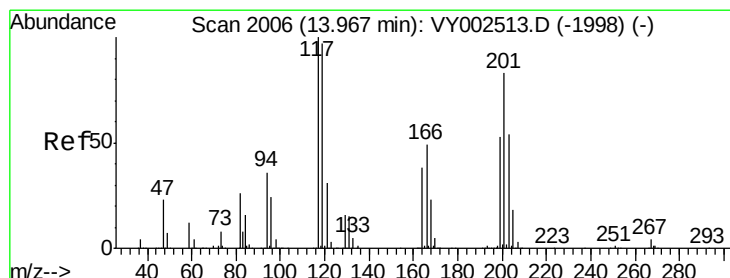
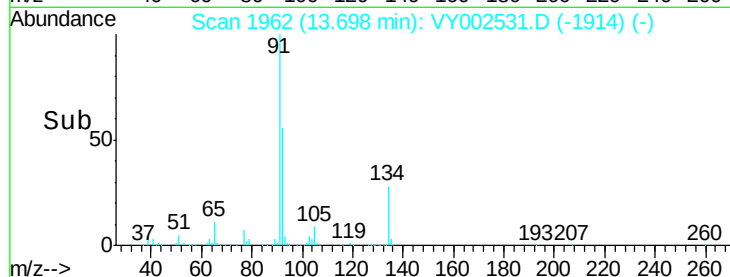
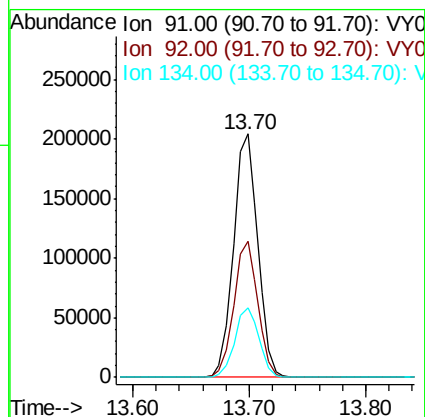
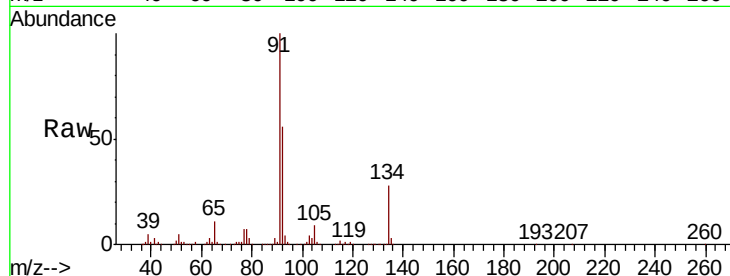
Tot Ion: 91 Resp: 296361

Ion Ratio Lower Upper

91 100

92 54.8 27.1 81.3

134 28.8 14.4 43.0



#90

Hexachloroethane

Concen: 19.984 ug/l

RT: 13.96 min Scan# 2005

Delta R.T. -0.01 min

Lab File: VY002531.D

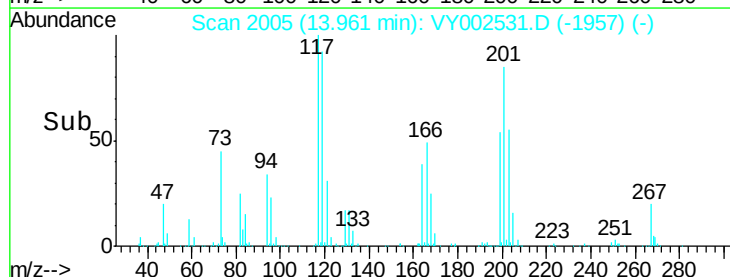
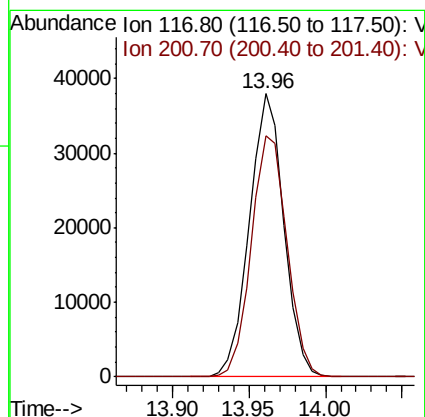
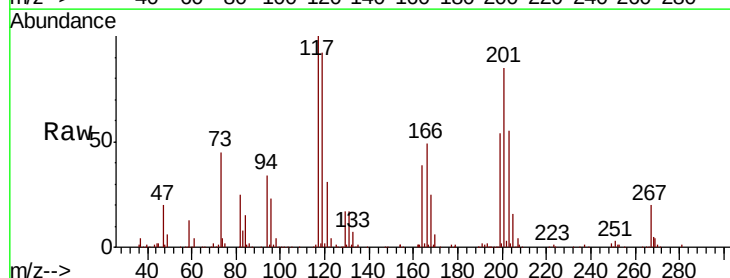
Acq: 04 May 2020 11:35

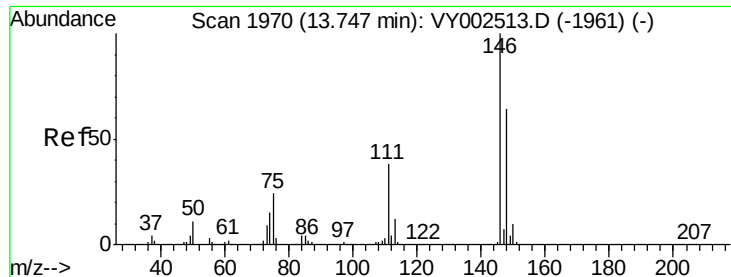
Tgt Ion: 117 Resp: 59360

Ion Ratio Lower Upper

117 100

201 88.2 44.4 133.2





#91

1,2-Dichlorobenzene

Concen: 20.346 ug/l

RT: 13.74 min Scan# 1969

Delta R.T. -0.01 min

Lab File: VY002531.D

Acq: 04 May 2020 11:35

Instrument :

MSVOA_Y

ClientSampleId :

VY0504SBSD01

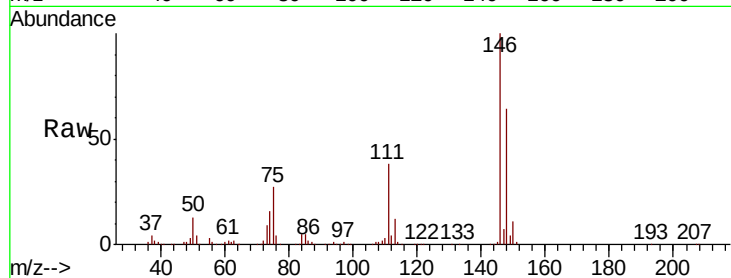
Tot Ion:146 Resp: 148176

Ion Ratio Lower Upper

146 100

111 38.7 19.1 57.5

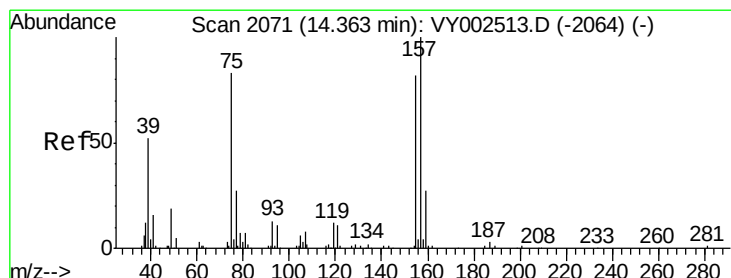
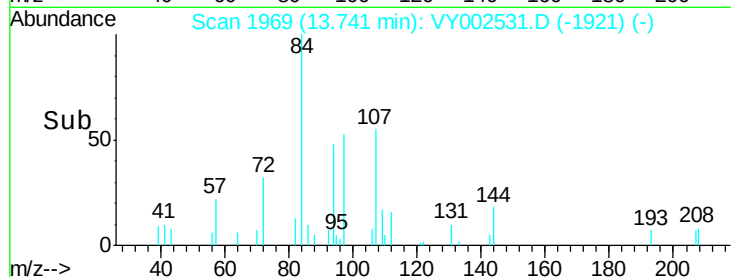
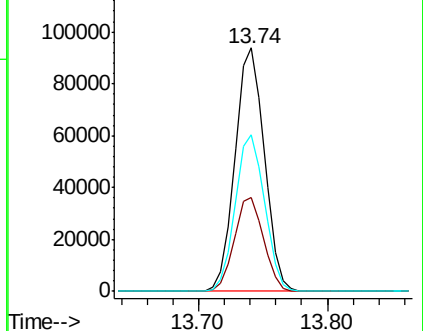
148 64.4 31.9 95.7



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.896 ug/l

RT: 14.36 min Scan# 2071

Delta R.T. -0.00 min

Lab File: VY002531.D

Acq: 04 May 2020 11:35

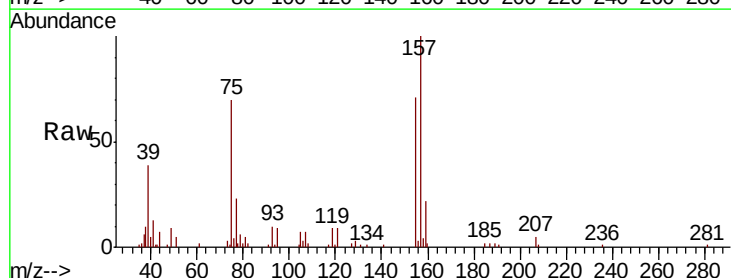
Tgt Ion: 75 Resp: 11204

Ion Ratio Lower Upper

75 100

155 95.4 51.3 153.9

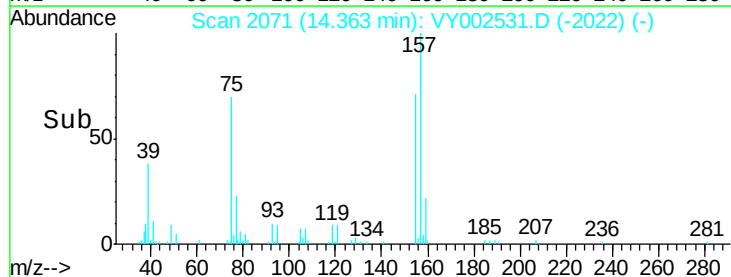
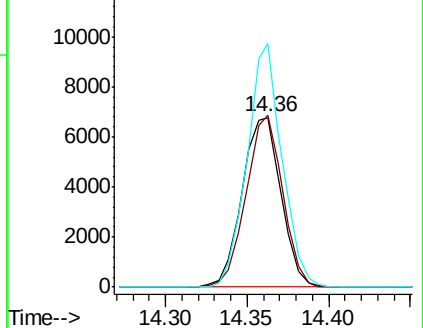
157 129.6 65.0 195.0

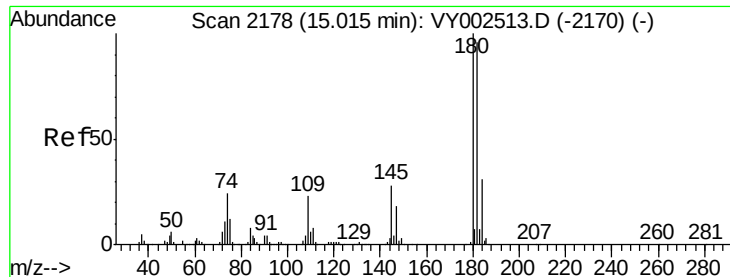


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

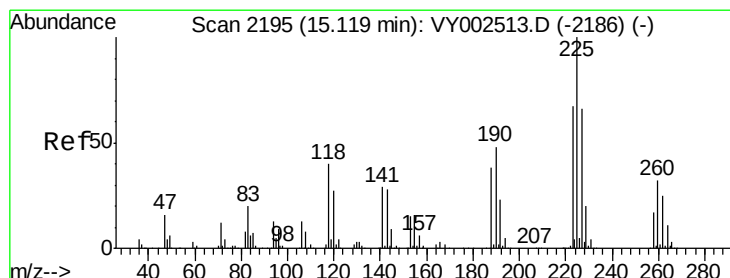
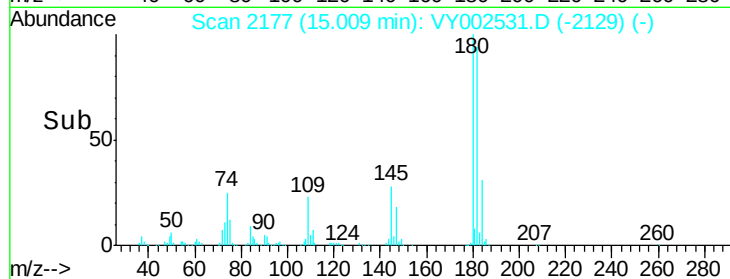
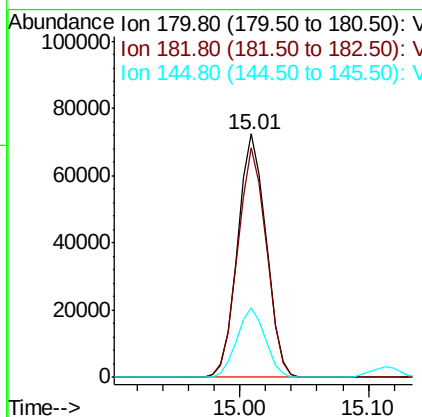
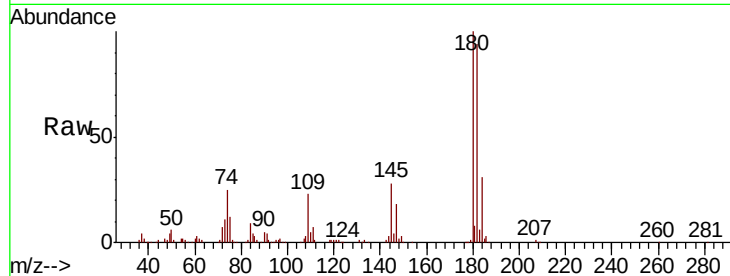




#93
 1,2,4-Trichlorobenzene
 Concen: 21.064 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. -0.01 min
 Lab File: VY002531.D
 Acq: 04 May 2020 11:35

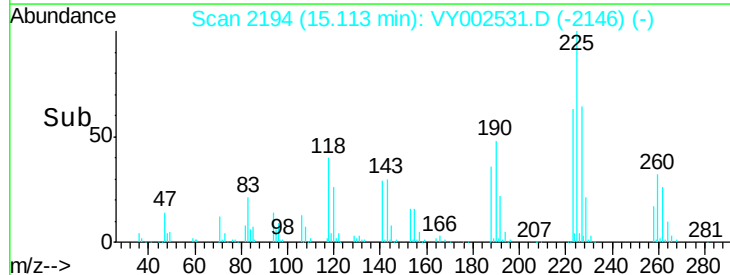
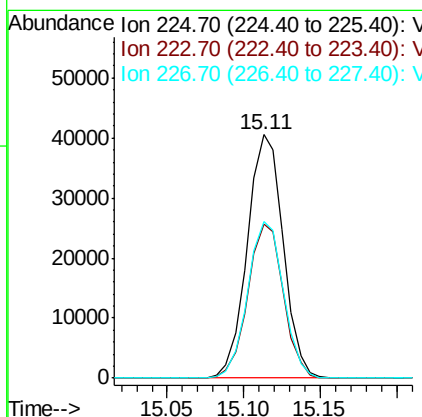
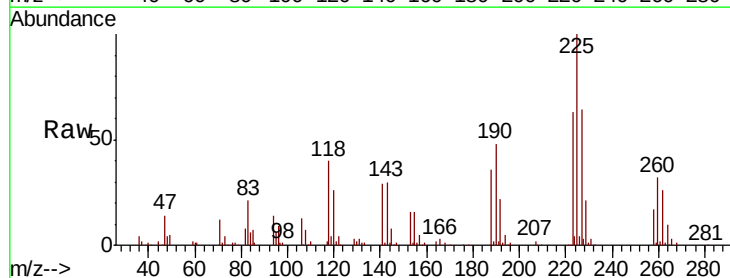
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0504SBSD01

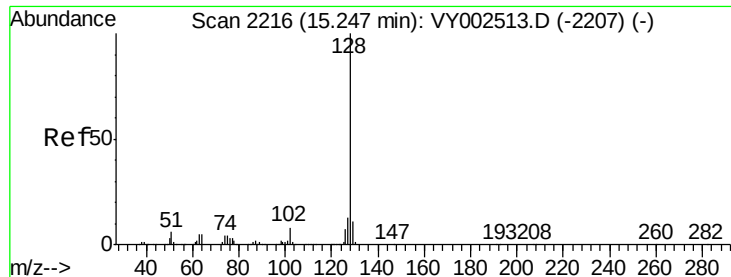
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.8	47.9	143.6
145	28.4	14.4	43.0



#94
 Hexachlorobutadiene
 Concen: 20.827 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. -0.01 min
 Lab File: VY002531.D
 Acq: 04 May 2020 11:35

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.5	32.1	96.5
227	63.8	32.0	96.2





#95

Naphthalene

Concen: 21.222 ug/l

RT: 15.24 min Scan# 2215

Delta R.T. -0.01 min

Lab File: VY002531.D

Acq: 04 May 2020 11:35

Instrument :

MSVOA_Y

ClientSampleId :

VY0504SBSD01

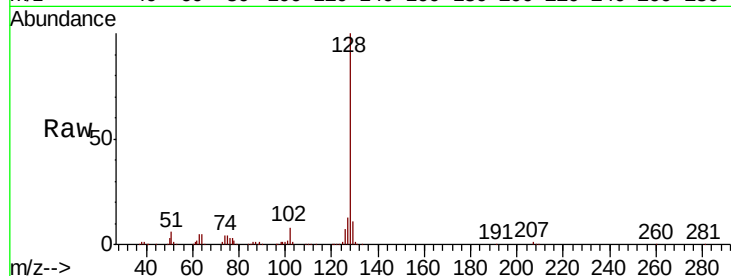
Tot Ion:128 Resp: 204699

Ion Ratio Lower Upper

128 100

127 13.0 10.5 15.7

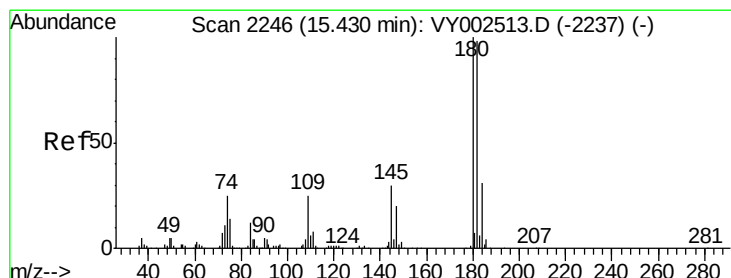
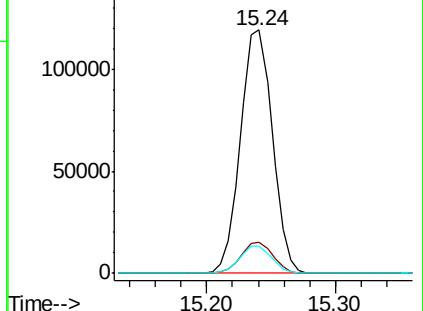
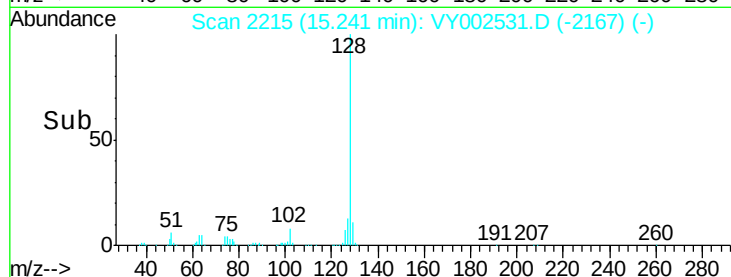
129 11.2 8.8 13.2



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: 21.489 ug/l

RT: 15.42 min Scan# 2245

Delta R.T. -0.01 min

Lab File: VY002531.D

Acq: 04 May 2020 11:35

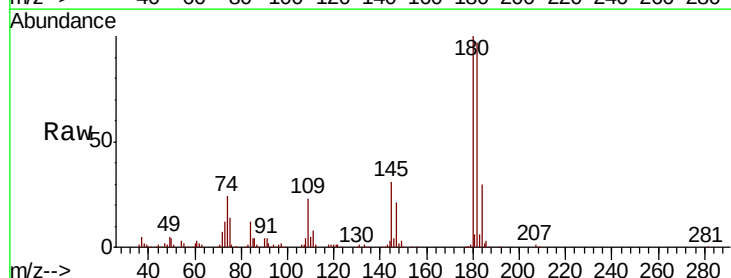
Tgt Ion:180 Resp: 96455

Ion Ratio Lower Upper

180 100

182 94.4 47.9 143.8

145 30.4 15.0 45.1



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

