

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY043020\
 Data File : VY002512.D
 Acq On : 30 Apr 2020 15:01
 Operator : SY/MD
 Sample : VSTDIC020
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Quant Time: May 04 12:23:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
 Quant Title : SW846 8260
 QLast Update : Mon May 04 12:07:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	397550	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	590779	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	537112	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	277878	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	65296	19.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	39.06%	
35) Dibromofluoromethane	7.74	113	65786	19.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	38.94%	
50) Toluene-d8	10.19	98	255408	19.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	38.72%	
62) 4-Bromofluorobenzene	12.49	95	87740	19.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	39.20%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.91	85	47323	15.674	ug/l	93
3) Chloromethane	2.12	50	54490	16.918	ug/l	97
4) Vinyl Chloride	2.26	62	65566	17.629	ug/l	100
5) Bromomethane	2.65	94	44897	17.505	ug/l	100
6) Chloroethane	2.80	64	39762	17.905	ug/l	95
7) Trichlorofluoromethane	3.14	101	104839	18.188	ug/l	100
8) Diethyl Ether	3.55	74	36101	18.637	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.92	101	65402	18.565	ug/l	100
10) Methyl Iodide	4.11	142	87618	18.256	ug/l	100
11) Tert butyl alcohol	4.99	59	31987	93.012	ug/l	98
12) 1,1-Dichloroethene	3.89	96	62482	18.257	ug/l	97
13) Acrolein	3.75	56	20998	88.297	ug/l	96
14) Allyl chloride	4.50	41	93079	18.667	ug/l	99
15) Acrylonitrile	5.19	53	86496	94.690	ug/l	99
16) Acetone	3.97	43	63468	92.002	ug/l	98
17) Carbon Disulfide	4.21	76	178728	17.360	ug/l	98
18) Methyl Acetate	4.50	43	44149	19.154	ug/l	96
19) Methyl tert-butyl Ether	5.25	73	168429	18.864	ug/l	99
20) Methylene Chloride	4.74	84	71184	18.452	ug/l	97
21) trans-1,2-Dichloroethene	5.24	96	70046	18.726	ug/l	98
22) Diisopropyl ether	6.14	45	199439	19.767	ug/l	99
23) Vinyl Acetate	6.09	43	612609	96.548	ug/l	100
24) 1,1-Dichloroethane	6.04	63	112809	18.900	ug/l	100
25) 2-Butanone	7.01	43	107044	94.792	ug/l	99
26) 2,2-Dichloropropane	7.00	77	105497	18.595	ug/l	99
27) cis-1,2-Dichloroethene	7.01	96	78851	19.051	ug/l	99
28) Bromochloromethane	7.36	49	47755	19.527	ug/l	100
29) Tetrahydrofuran	7.37	42	70694	94.621	ug/l	99
30) Chloroform	7.53	83	118140	19.036	ug/l	98
31) Cyclohexane	7.80	56	108455	18.052	ug/l	96
32) 1,1,1-Trichloroethane	7.72	97	108425	18.796	ug/l	100
36) 1,1-Dichloropropene	7.94	75	91008	18.376	ug/l	99
37) Ethyl Acetate	7.10	43	49172	19.321	ug/l	99
38) Carbon Tetrachloride	7.92	117	101372	18.748	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	117675	17.989	ug/l	98
40) Benzene	8.18	78	268107	18.743	ug/l	99
41) Methacrylonitrile	7.34	41	26406m	19.849	ug/l	
42) 1,2-Dichloroethane	8.25	62	76126	18.973	ug/l	100
43) Isopropyl Acetate	8.29	43	91746	19.229	ug/l	99
44) Trichloroethene	8.96	130	84137	18.822	ug/l	96
45) 1,2-Dichloropropane	9.23	63	65965	19.108	ug/l	98
46) Dibromomethane	9.32	93	37733	18.997	ug/l	99
47) Bromodichloromethane	9.51	83	92063	19.062	ug/l	97
48) Methyl methacrylate	9.30	41	40588	18.797	ug/l	100
49) 1,4-Dioxane	9.31	88	9579	364.237	ug/l	96
51) 4-Methyl-2-Pentanone	10.08	43	233484	94.942	ug/l	100
52) Toluene	10.25	92	172702	18.787	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	95168	18.807	ug/l	99
54) cis-1,3-Dichloropropene	9.94	75	109968	18.798	ug/l	100
55) 1,1,2-Trichloroethane	10.66	97	55534	19.173	ug/l	98
56) Ethyl methacrylate	10.52	69	72732	18.875	ug/l	99
57) 1,3-Dichloropropane	10.80	76	93323	18.999	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.80	63	204394	100.586	ug/l	99
59) 2-Hexanone	10.84	43	161766	95.572	ug/l	100
60) Dibromochloromethane	10.99	129	69789	18.944	ug/l	100
61) 1,2-Dibromoethane	11.10	107	55390	19.313	ug/l	97
64) Tetrachloroethene	10.73	164	90160	18.893	ug/l	98
65) Chlorobenzene	11.52	112	191881	18.793	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.60	131	71480	18.859	ug/l	99
67) Ethyl Benzene	11.60	91	336410	18.757	ug/l	99
68) m/p-Xylenes	11.71	106	260630	37.557	ug/l	99
69) o-Xylene	12.03	106	122503	18.853	ug/l	99
70) Styrene	12.05	104	211238	19.017	ug/l	98
71) Bromoform	12.22	173	44677	18.992	ug/l #	100
73) Isopropylbenzene	12.34	105	336769	18.700	ug/l	100
74) N-amyl acetate	12.15	43	81246	18.754	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.59	83	53626	18.723	ug/l	100
76) 1,2,3-Trichloropropane	12.64	75	47820m	19.279	ug/l	
77) Bromobenzene	12.61	156	83968	18.662	ug/l	98
78) n-propylbenzene	12.68	91	392604	18.786	ug/l	100
79) 2-Chlorotoluene	12.77	91	217753	18.810	ug/l	99
80) 1,3,5-Trimethylbenzene	12.82	105	281270	18.842	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.39	75	23053	18.719	ug/l	98
82) 4-Chlorotoluene	12.86	91	229315	18.857	ug/l	99
83) tert-Butylbenzene	13.08	119	247168	18.883	ug/l	100
84) 1,2,4-Trimethylbenzene	13.13	105	281463	18.919	ug/l	99
85) sec-Butylbenzene	13.26	105	342340	18.848	ug/l	99
86) p-Isopropyltoluene	13.38	119	321118	18.869	ug/l	100
87) 1,3-Dichlorobenzene	13.38	146	160832	18.886	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	159332	18.895	ug/l	99
89) n-Butylbenzene	13.70	91	291780	18.833	ug/l	99
90) Hexachloroethane	13.97	117	57705	18.619	ug/l	98
91) 1,2-Dichlorobenzene	13.75	146	143594	18.897	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	10544	19.749	ug/l	90

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Quant Title : SW846 8260
QLast Update : Mon May 04 12:07:53 2020
Response via : Initial Calibration

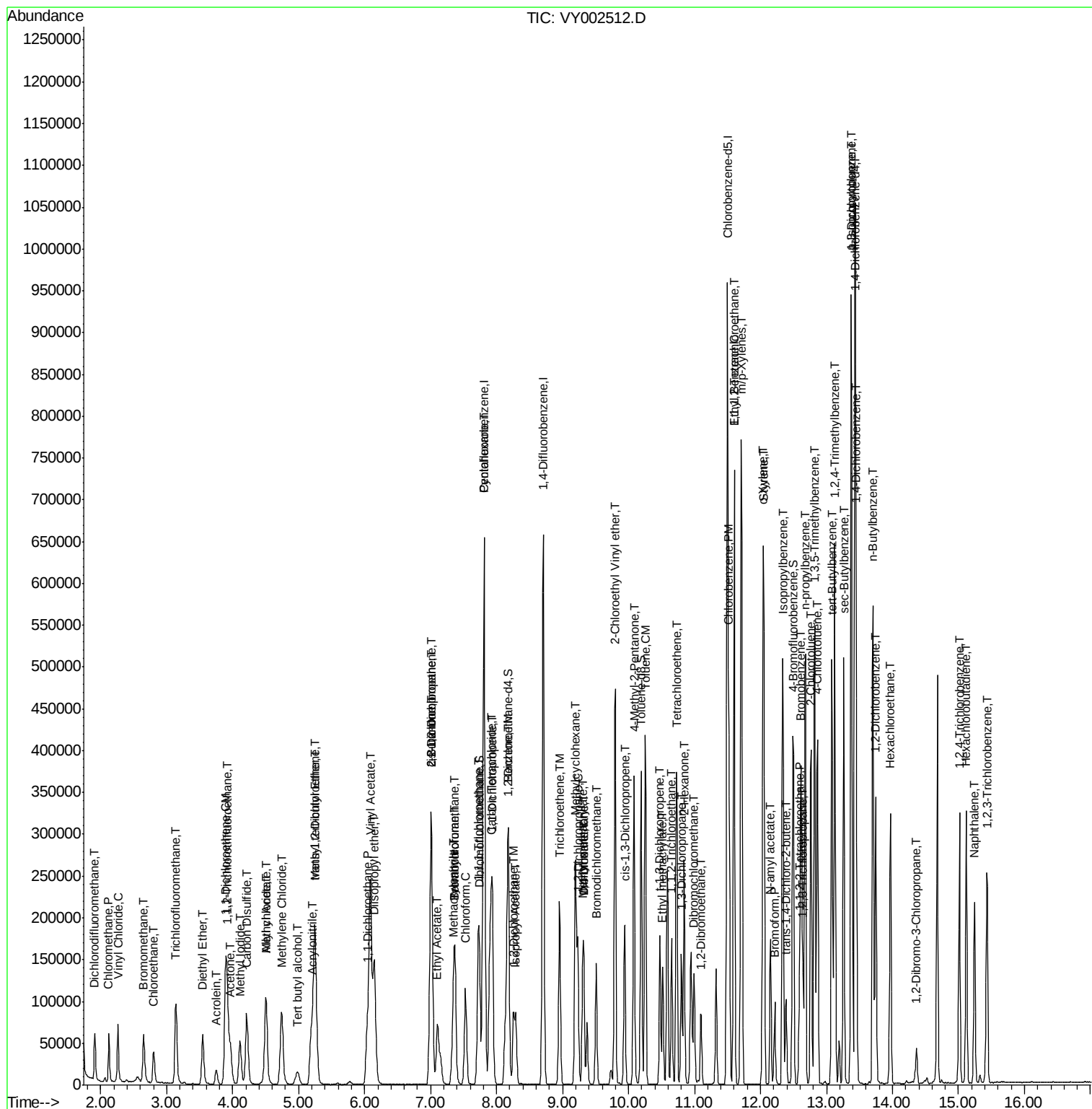
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	104396	18.923	ug/l	99
94) Hexachlorobutadiene	15.12	225	63279	19.109	ug/l	99
95) Naphthalene	15.25	128	187342	18.615	ug/l	99
96) 1,2,3-Trichlorobenzene	15.43	180	88799	18.961	ug/l	98

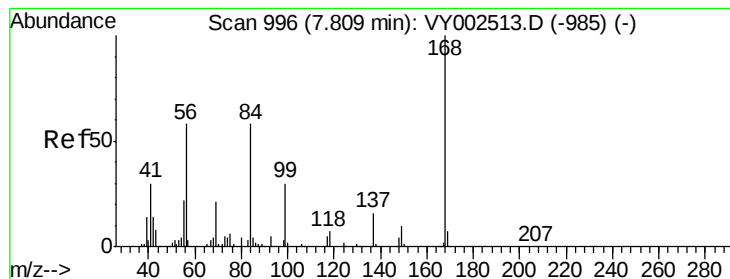
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon May 04 12:07:53 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.00 min

Lab File: VY002512.D

Acq: 30 Apr 2020 15:01

Instrument :

MSVOA_Y

ClientSampleId :

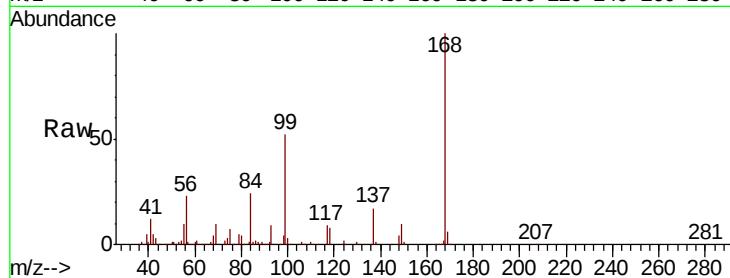
VSTDIC020

Tot Ion:168 Resp: 397550

Ion Ratio Lower Upper

168 100

99 51.8 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY002512.D (-947) (-)

Ion 98.90 (98.60 to 99.60): VY002512.D (-947) (-)

7.81

150000

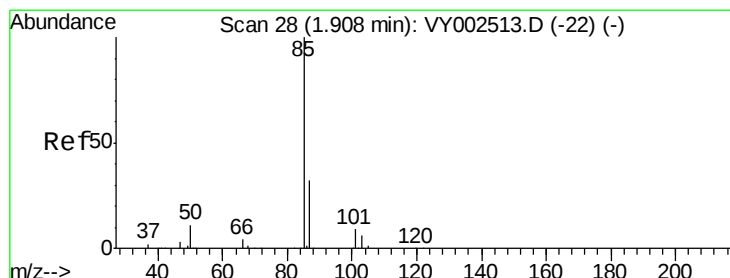
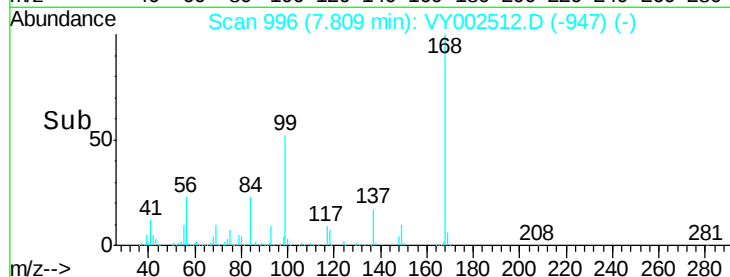
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 15.674 ug/l

RT: 1.91 min Scan# 28

Delta R.T. -0.00 min

Lab File: VY002512.D

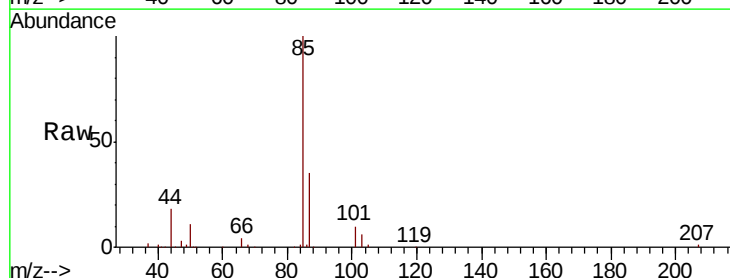
Acq: 30 Apr 2020 15:01

Tgt Ion: 85 Resp: 47323

Ion Ratio Lower Upper

85 100

87 35.4 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VY002512.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY002512.D (-1) (-)

1.91

30000

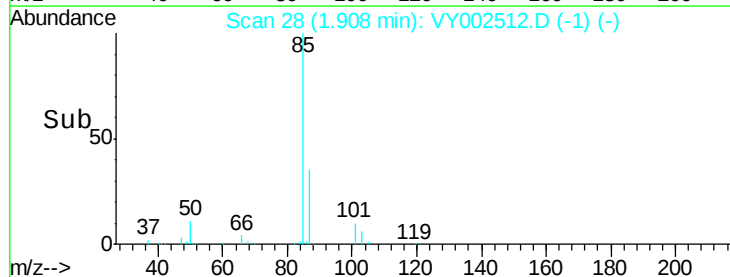
20000

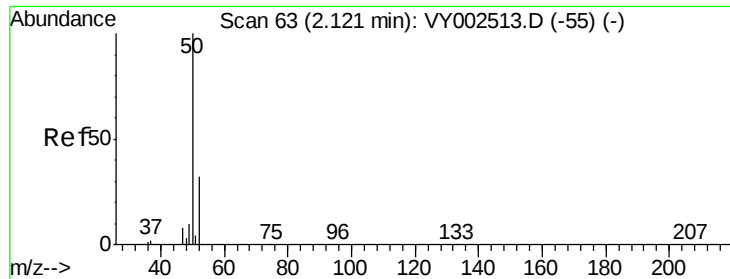
10000

0

1.90 2.00

Time-->





#3

Chloromethane

Concen: 16.918 ug/l

RT: 2.12 min Scan# 63

Delta R.T. -0.00 min

Lab File: VY002512.D

Acq: 30 Apr 2020 15:01

Instrument :

MSVOA_Y

ClientSampleId :

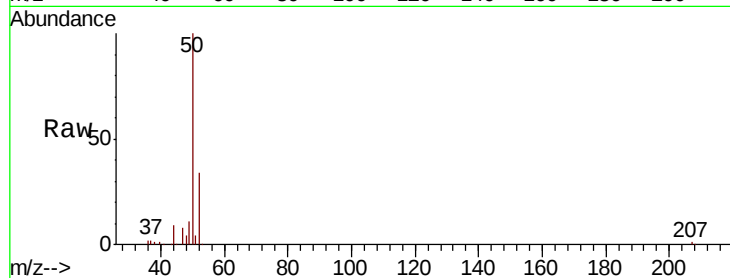
VSTDIC020

Tot Ion: 50 Resp: 54490

Ion Ratio Lower Upper

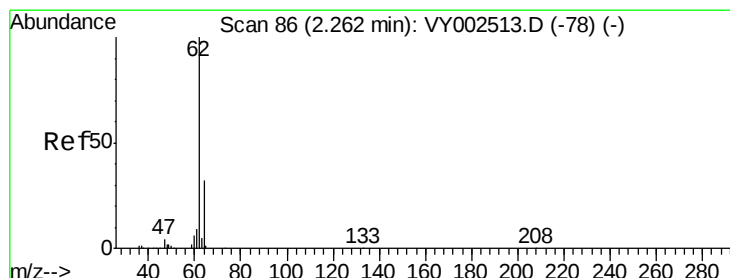
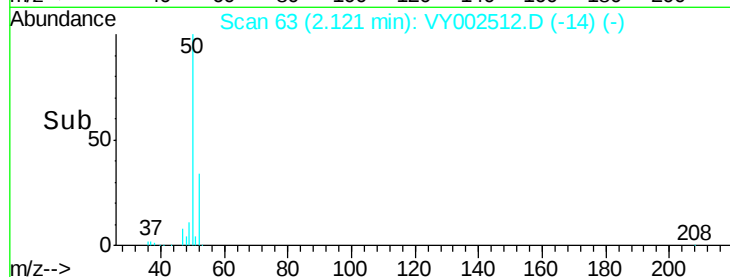
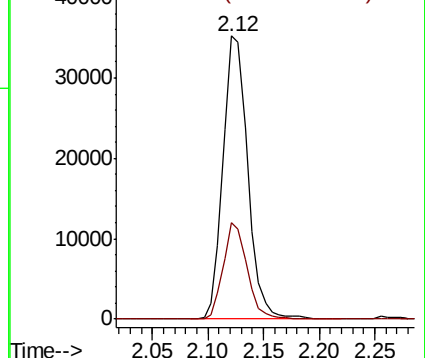
50 100

52 34.1 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: 17.629 ug/l

RT: 2.26 min Scan# 86

Delta R.T. -0.00 min

Lab File: VY002512.D

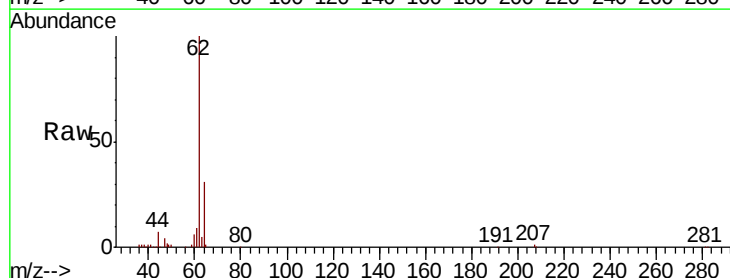
Acq: 30 Apr 2020 15:01

Tgt Ion: 62 Resp: 65566

Ion Ratio Lower Upper

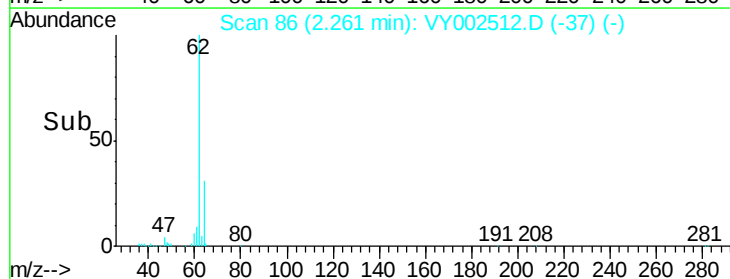
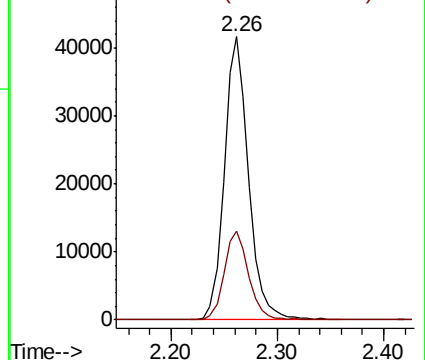
62 100

64 31.4 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: 17.505 ug/l

RT: 2.65 min Scan# 150

Delta R.T. -0.01 min

Lab File: VY002512.D

Acq: 30 Apr 2020 15:01

Instrument :

MSVOA_Y

ClientSampleId :

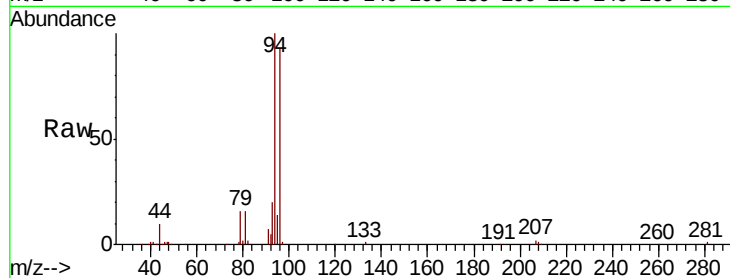
VSTDIC020

Tot Ion: 94 Resp: 44897

Ion Ratio Lower Upper

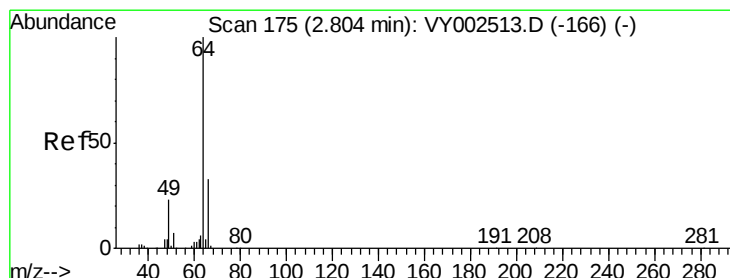
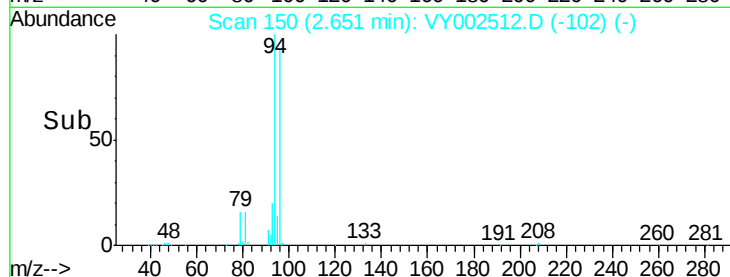
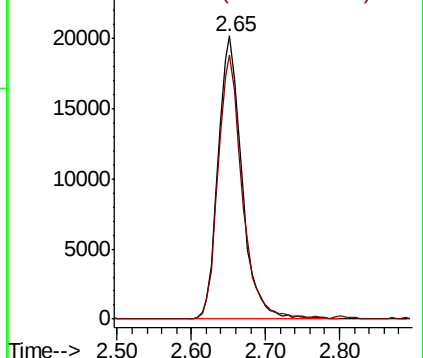
94 100

96 93.3 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: 17.905 ug/l

RT: 2.80 min Scan# 175

Delta R.T. -0.00 min

Lab File: VY002512.D

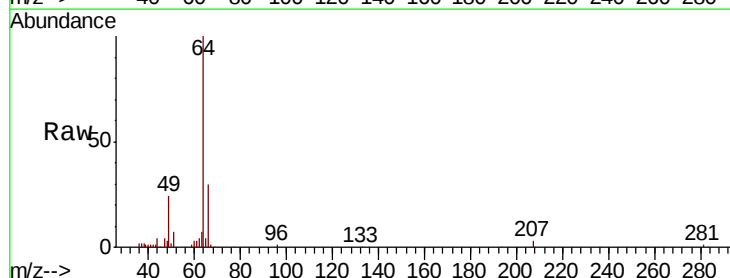
Acq: 30 Apr 2020 15:01

Tgt Ion: 64 Resp: 39762

Ion Ratio Lower Upper

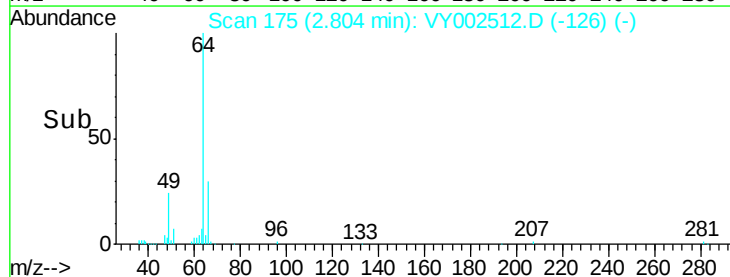
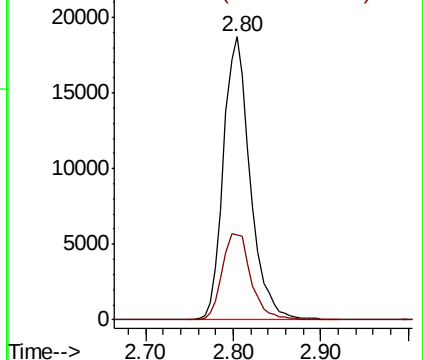
64 100

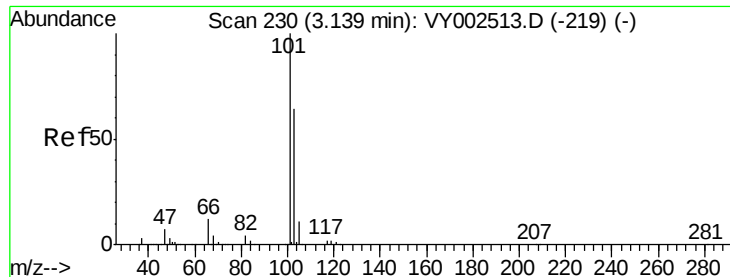
66 30.1 26.3 39.5



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



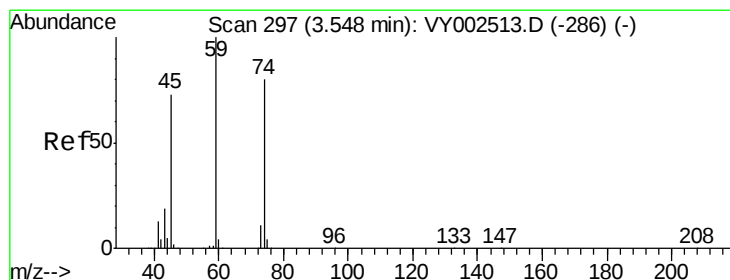
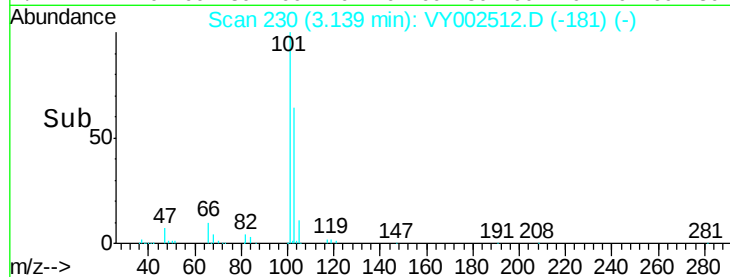
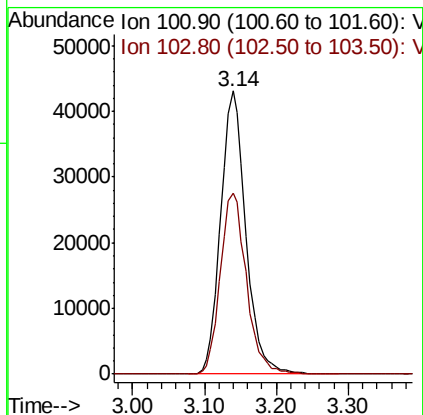
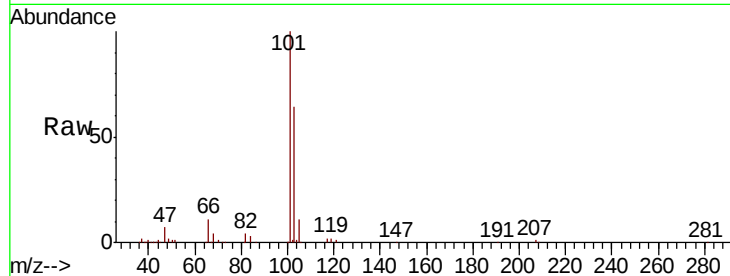


#7

Trichlorofluoromethane
 Concen: 18.188 ug/l
 RT: 3.14 min Scan# 230
 Delta R.T. -0.00 min
 Lab File: VY002512.D
 Acq: 30 Apr 2020 15:01

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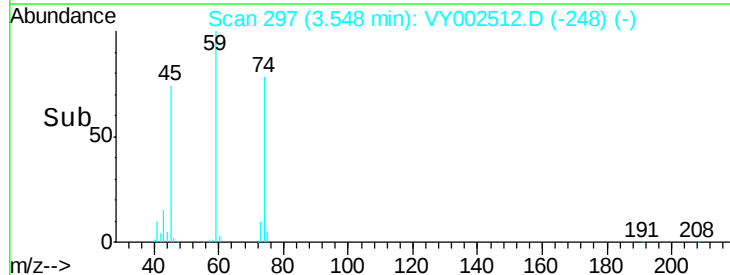
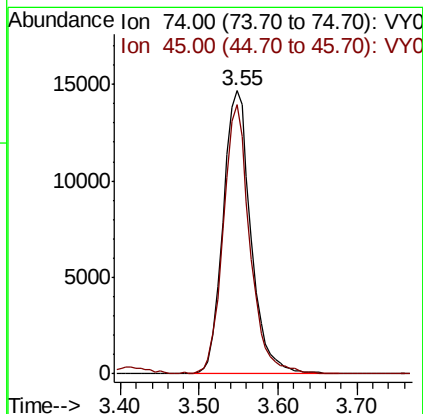
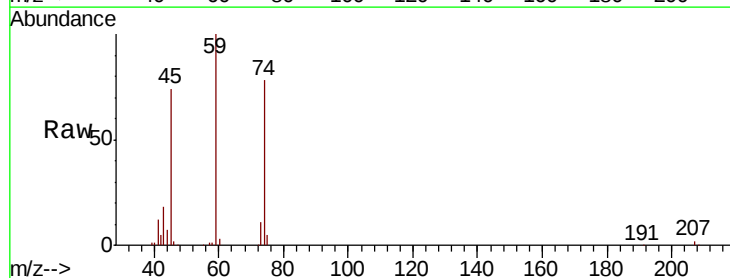
Tot Ion:101 Resp: 104839
 Ion Ratio Lower Upper
 101 100
 103 63.9 51.4 77.0

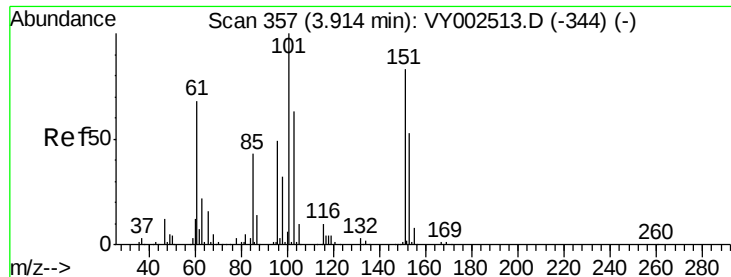


#8

Diethyl Ether
 Concen: 18.637 ug/l
 RT: 3.55 min Scan# 297
 Delta R.T. -0.00 min
 Lab File: VY002512.D
 Acq: 30 Apr 2020 15:01

Tgt Ion: 74 Resp: 36101
 Ion Ratio Lower Upper
 74 100
 45 91.0 46.2 138.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.565 ug/l

RT: 3.92 min Scan# 358

Delta R.T. 0.01 min

Lab File: VY002512.D

Acq: 30 Apr 2020 15:01

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VSTDIC020

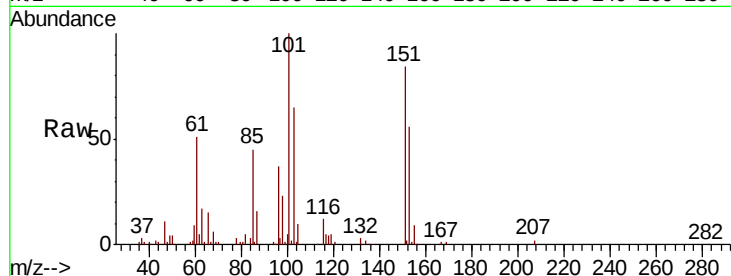
Tot Ion:101 Resp: 65402

Ion Ratio Lower Upper

101 100

85 41.8 33.4 50.2

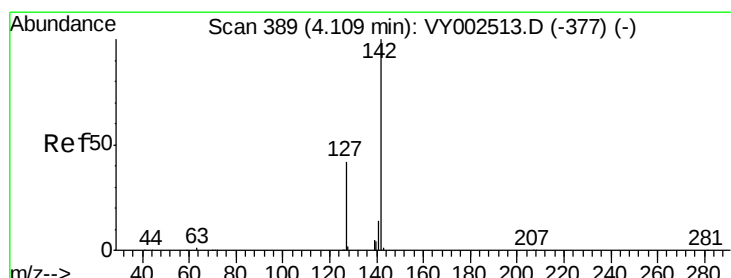
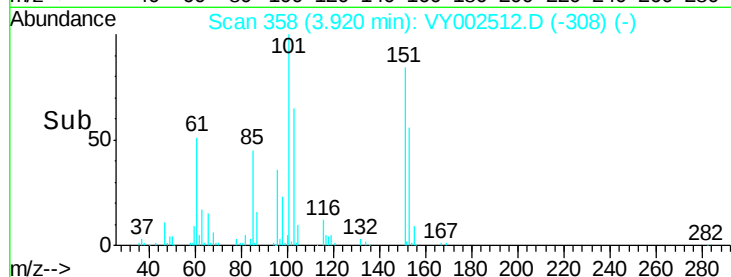
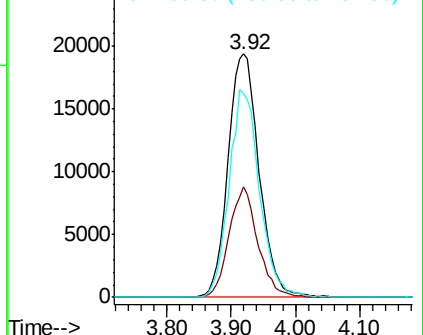
151 83.5 66.8 100.2



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: 18.256 ug/l

RT: 4.11 min Scan# 389

Delta R.T. -0.00 min

Lab File: VY002512.D

Acq: 30 Apr 2020 15:01

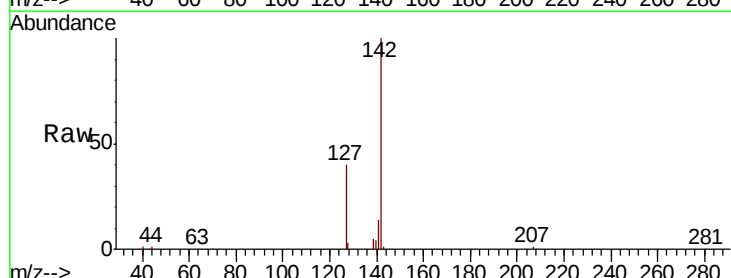
Tgt Ion:142 Resp: 87618

Ion Ratio Lower Upper

142 100

127 42.3 33.7 50.5

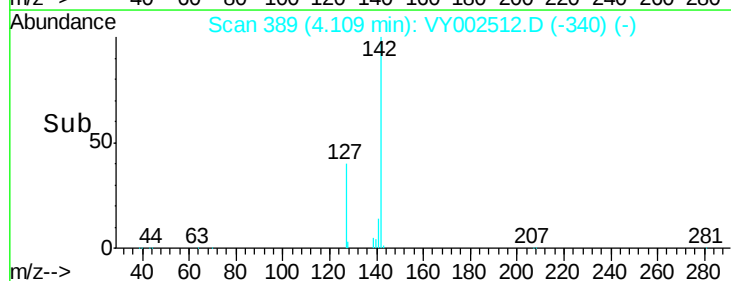
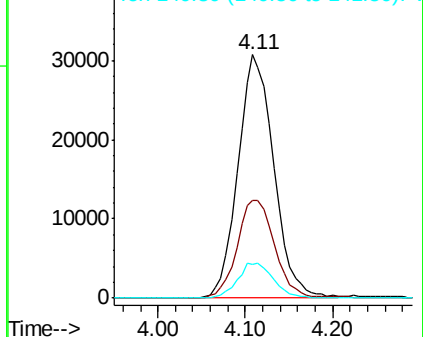
141 14.6 11.4 17.0



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



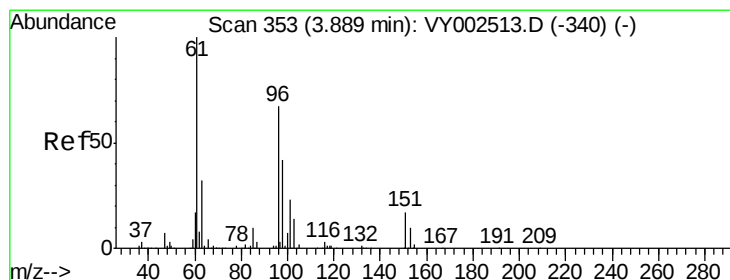
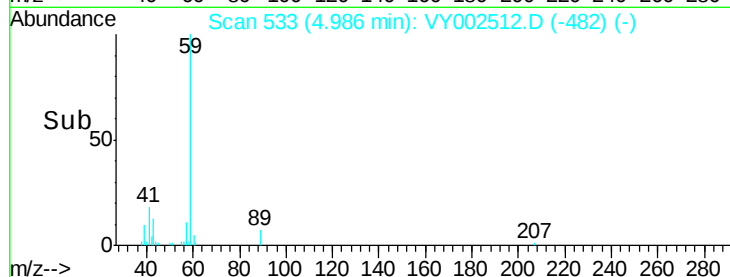
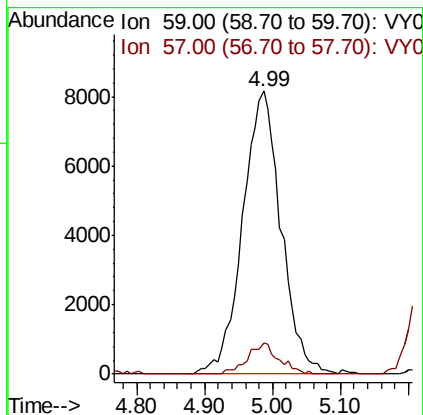
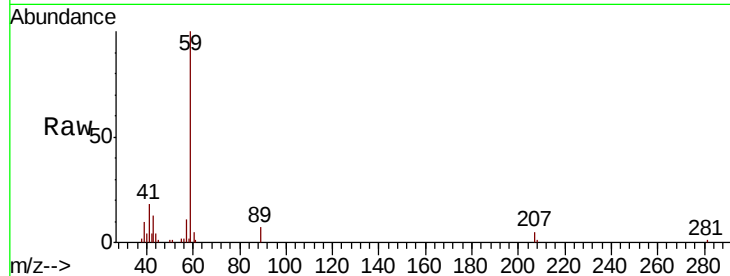


#11

Tert butyl alcohol
 Concen: 93.012 ug/l
 RT: 4.99 min Scan# 533
 Delta R.T. 0.01 min
 Lab File: VY002512.D
 Acq: 30 Apr 2020 15:01

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

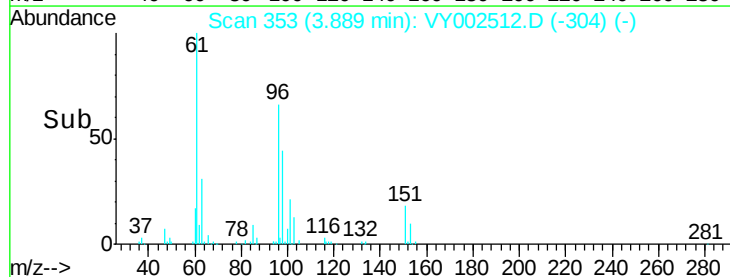
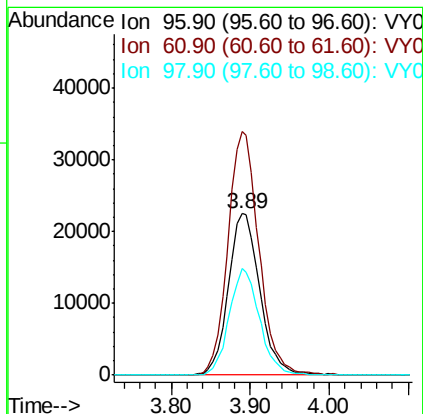
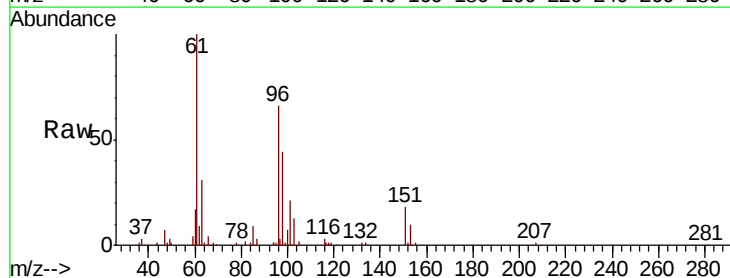
Tot Ion: 59 Resp: 31987
 Ion Ratio Lower Upper
 59 100
 57 9.0 7.8 11.6

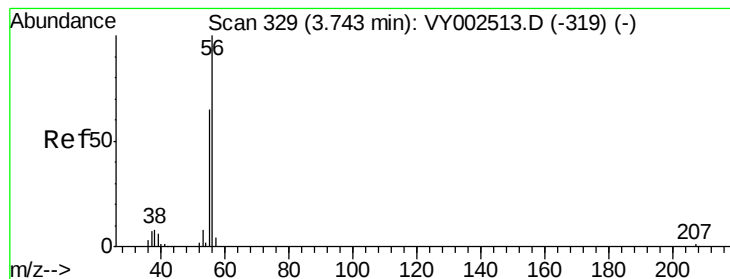


#12

1,1-Dichloroethene
 Concen: 18.257 ug/l
 RT: 3.89 min Scan# 353
 Delta R.T. -0.00 min
 Lab File: VY002512.D
 Acq: 30 Apr 2020 15:01

Tgt Ion: 96 Resp: 62482
 Ion Ratio Lower Upper
 96 100
 61 151.1 118.8 178.2
 98 66.0 49.6 74.4





#13

Acrolein

Concen: 88.297 ug/l

RT: 3.75 min Scan# 330

Delta R.T. 0.01 min

Lab File: VY002512.D

Acq: 30 Apr 2020 15:01

Instrument :

MSVOA_Y

ClientSampleId :

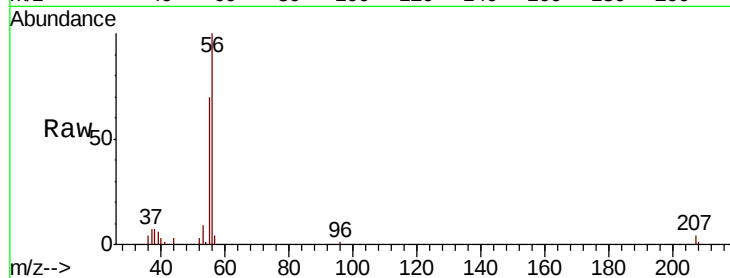
VSTDIC020

Tot Ion: 56 Resp: 20998

Ion Ratio Lower Upper

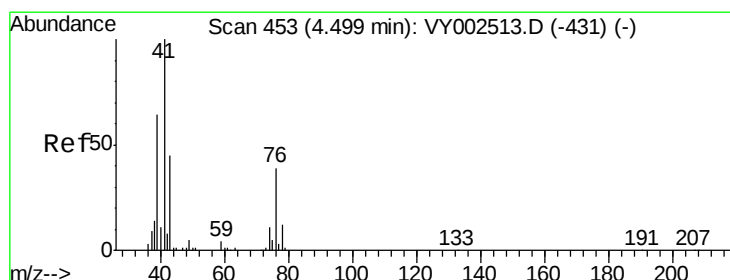
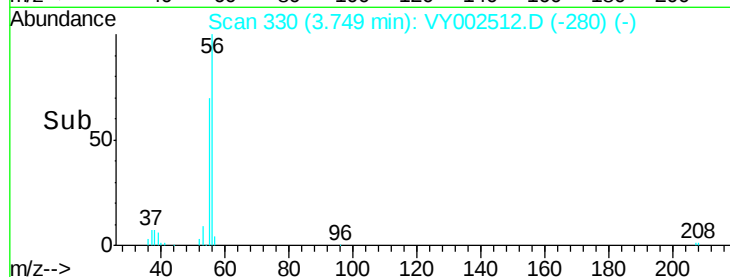
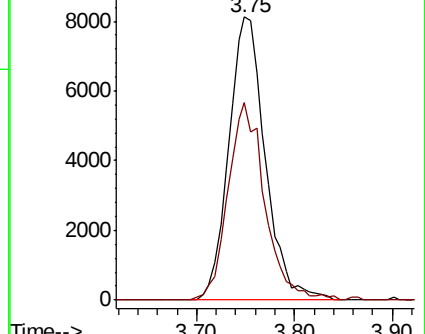
56 100

55 70.4 53.8 80.6



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0



#14

Allyl chloride

Concen: 18.667 ug/l

RT: 4.50 min Scan# 453

Delta R.T. -0.00 min

Lab File: VY002512.D

Acq: 30 Apr 2020 15:01

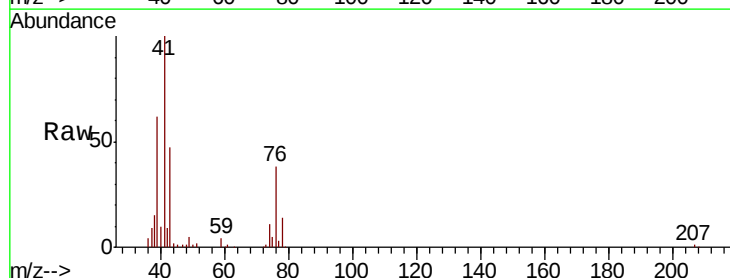
Tgt Ion: 41 Resp: 93079

Ion Ratio Lower Upper

41 100

39 65.8 51.8 77.6

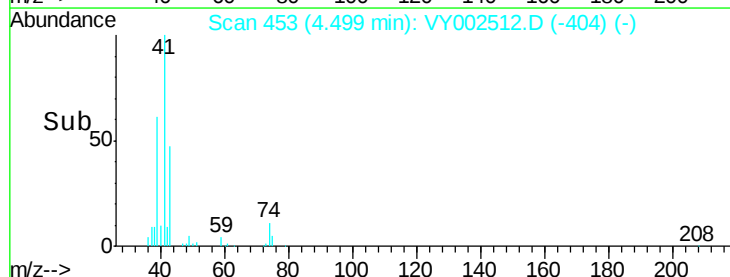
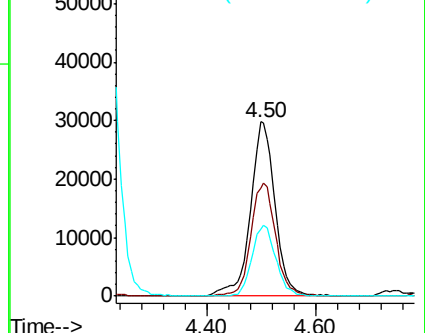
76 39.5 31.7 47.5

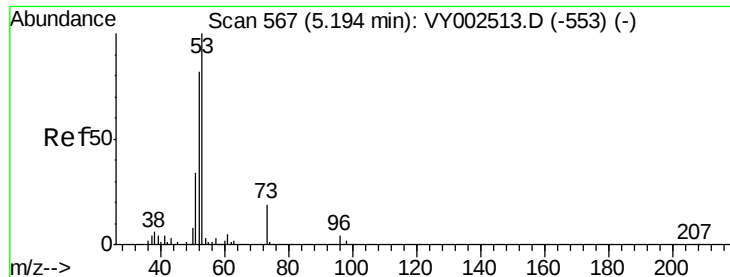


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0





#15

Acrylonitrile

Concen: 94.690 ug/l

RT: 5.19 min Scan# 567

Delta R.T. -0.00 min

Lab File: VY002512.D

Acq: 30 Apr 2020 15:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

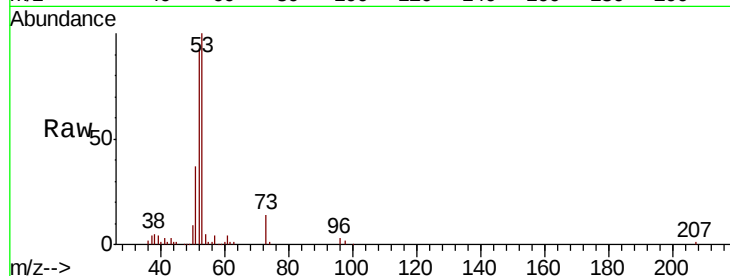
Tot Ion: 53 Resp: 86496

Ion Ratio Lower Upper

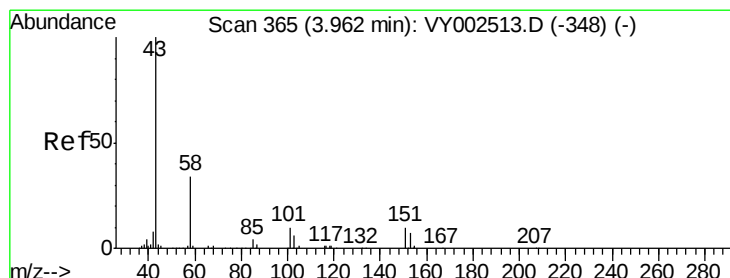
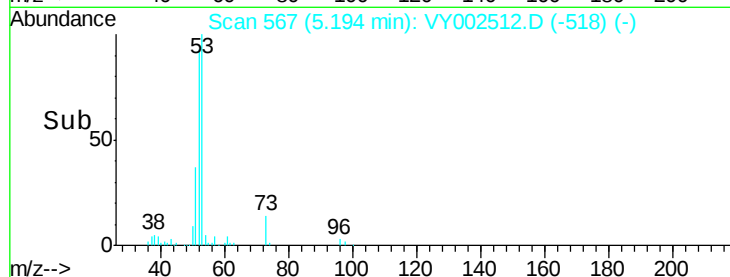
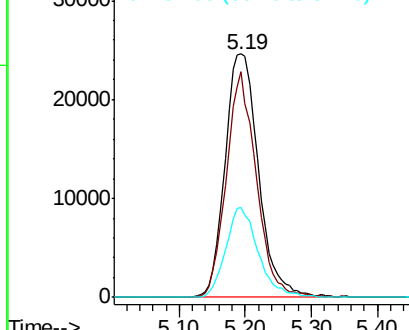
53 100

52 83.1 65.4 98.0

51 35.8 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: 92.002 ug/l

RT: 3.97 min Scan# 366

Delta R.T. 0.01 min

Lab File: VY002512.D

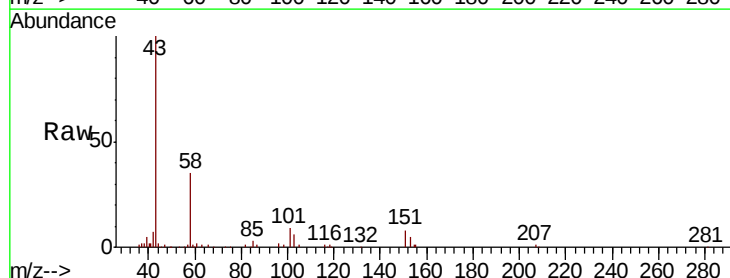
Acq: 30 Apr 2020 15:01

Tgt Ion: 43 Resp: 63468

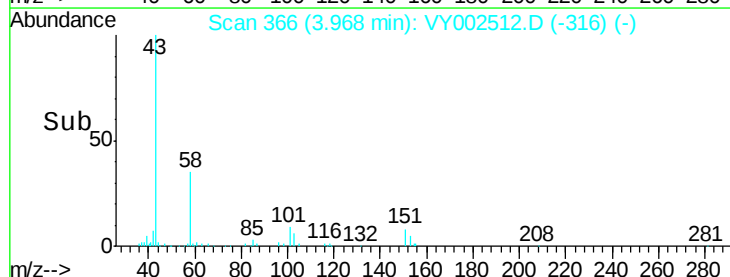
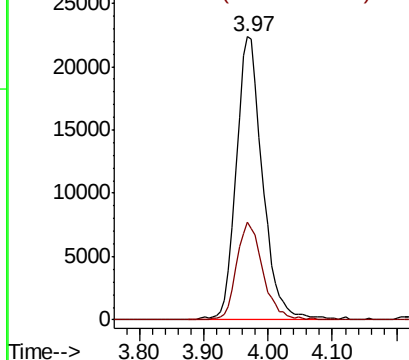
Ion Ratio Lower Upper

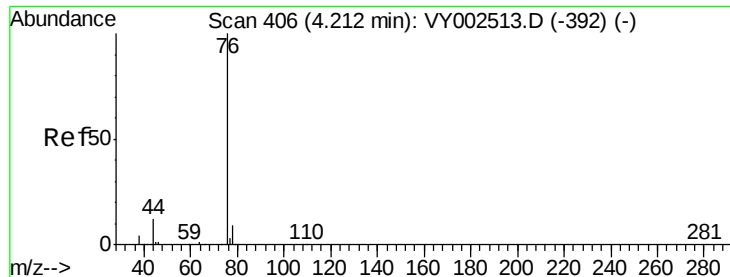
43 100

58 34.7 26.9 40.3



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

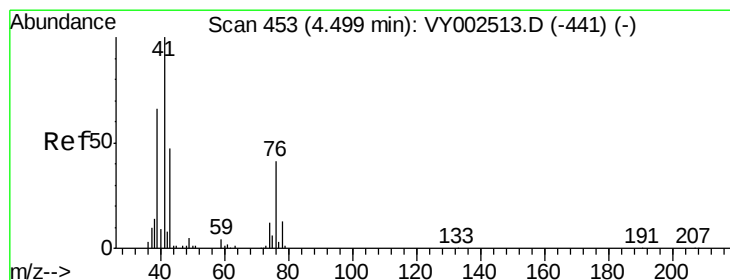
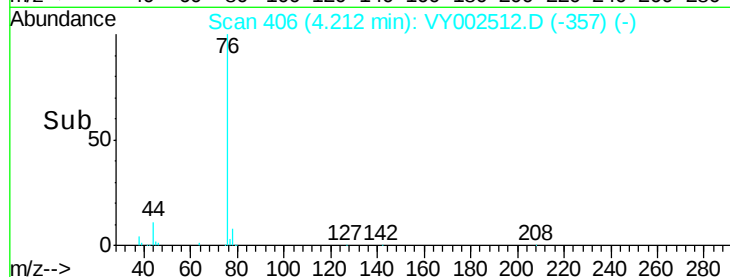
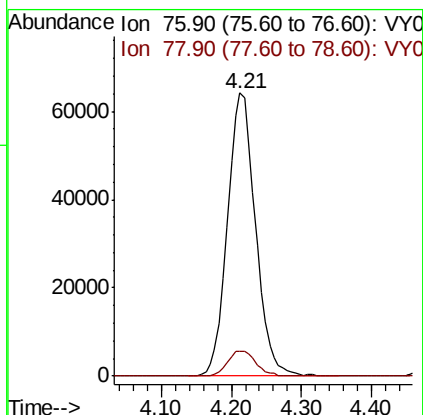
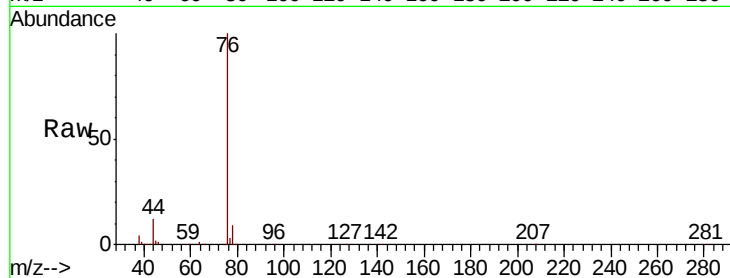




#17
Carbon Disulfide
Concen: 17.360 ug/l
RT: 4.21 min Scan# 406
Delta R.T. -0.00 min
Lab File: VY002512.D
Acq: 30 Apr 2020 15:01

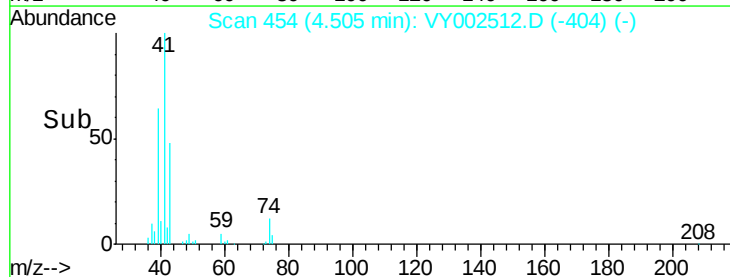
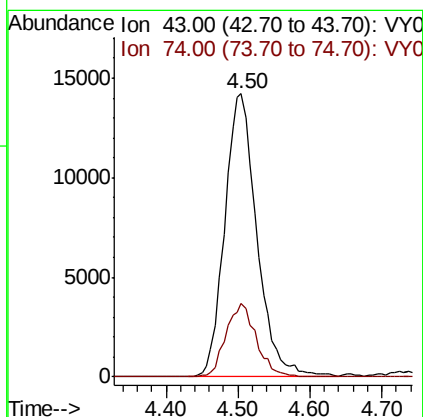
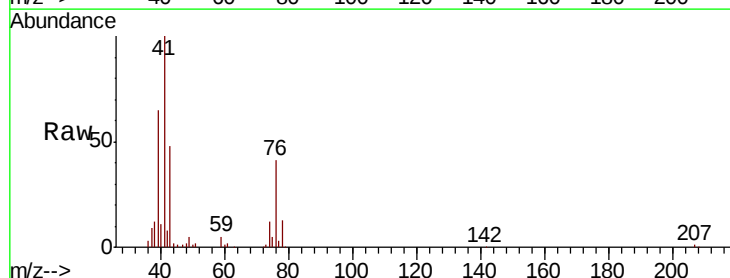
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

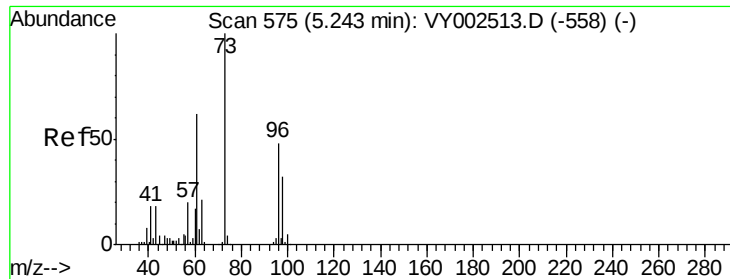
Tot Ion: 76 Resp: 178728
Ion Ratio Lower Upper
76 100
78 8.7 7.4 11.2



#18
Methyl Acetate
Concen: 19.154 ug/l
RT: 4.50 min Scan# 454
Delta R.T. 0.01 min
Lab File: VY002512.D
Acq: 30 Apr 2020 15:01

Tgt Ion: 43 Resp: 44149
Ion Ratio Lower Upper
43 100
74 24.5 21.2 31.8

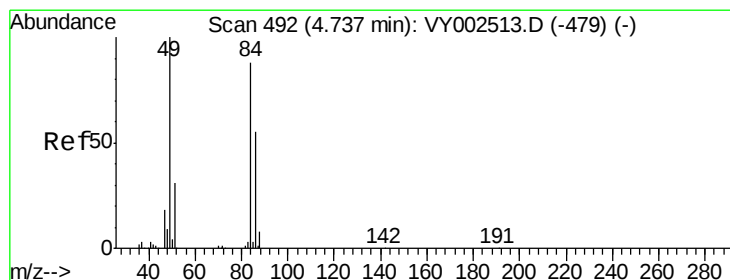
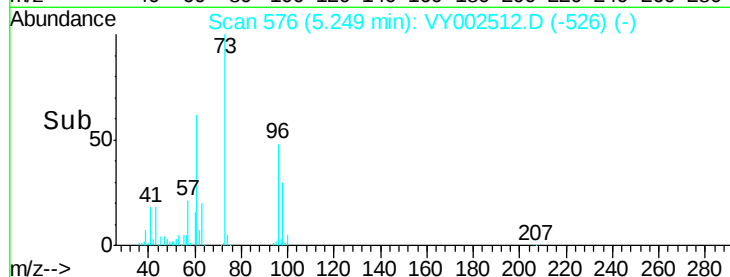
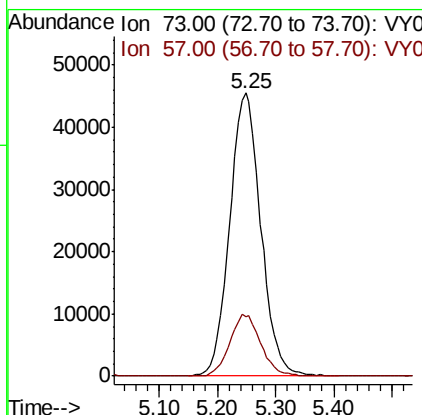
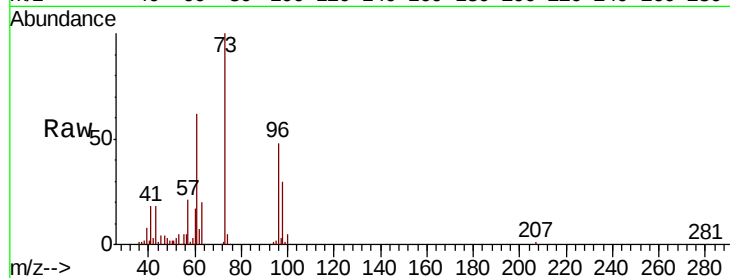




#19
Methvl tert-butvl Ether
Concen: 18.864 ug/l
RT: 5.25 min Scan# 576
Delta R.T. 0.01 min
Lab File: VY002512.D
Acq: 30 Apr 2020 15:01

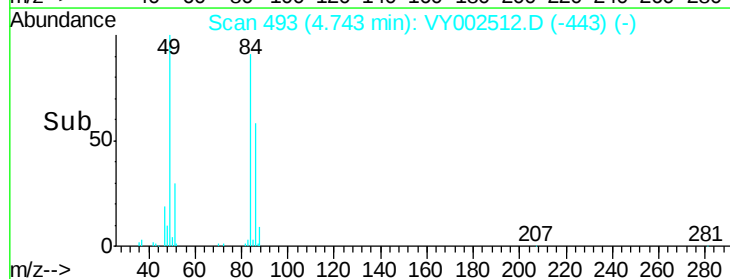
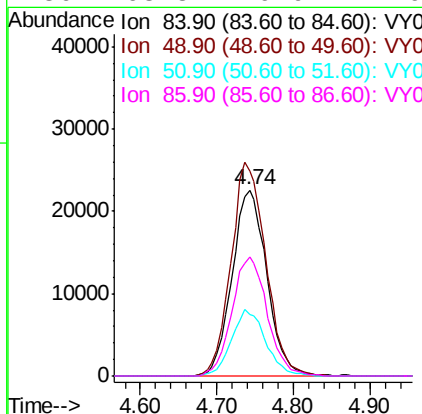
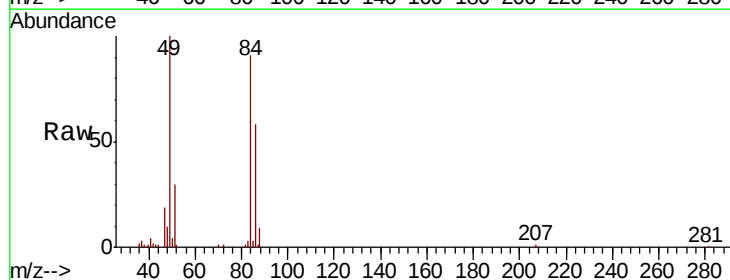
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

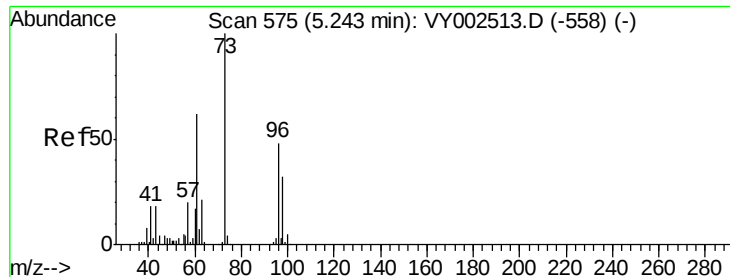
Tot Ion: 73 Resp: 168429
Ion Ratio Lower Upper
73 100
57 21.0 16.3 24.5



#20
Methylene Chloride
Concen: 18.452 ug/l
RT: 4.74 min Scan# 493
Delta R.T. 0.01 min
Lab File: VY002512.D
Acq: 30 Apr 2020 15:01

Tgt Ion: 84 Resp: 71184
Ion Ratio Lower Upper
84 100
49 110.0 90.5 135.7
51 33.3 28.3 42.5
86 63.8 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 18.726 ug/l

RT: 5.24 min Scan# 575

Delta R.T. -0.00 min

Lab File: VY002512.D

Acq: 30 Apr 2020 15:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

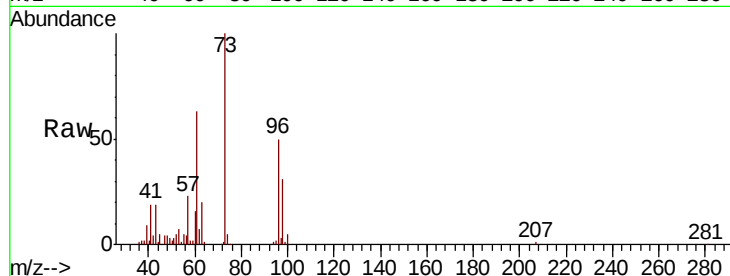
Tot Ion: 96 Resp: 70046

Ion Ratio Lower Upper

96 100

61 127.4 102.0 153.0

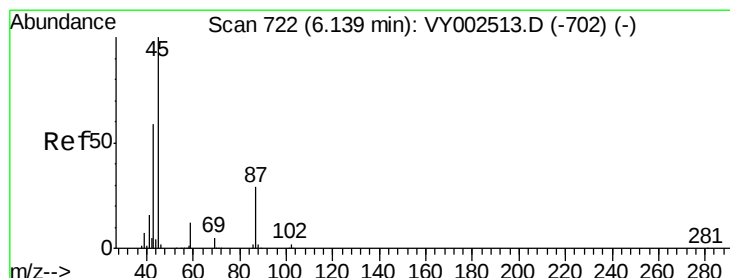
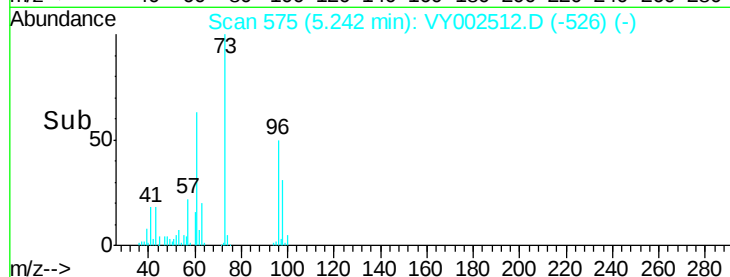
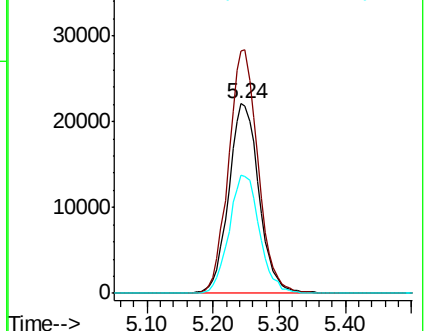
98 62.0 53.0 79.4



Abundance Ion 95.90 (95.60 to 96.60): VY002512.D (-526) (-)

Ion 60.90 (60.60 to 61.60): VY002512.D (-526) (-)

Ion 97.90 (97.60 to 98.60): VY002512.D (-526) (-)



#22

Diisopropyl ether

Concen: 19.767 ug/l

RT: 6.14 min Scan# 723

Delta R.T. 0.01 min

Lab File: VY002512.D

Acq: 30 Apr 2020 15:01

Tgt Ion: 45 Resp: 199439

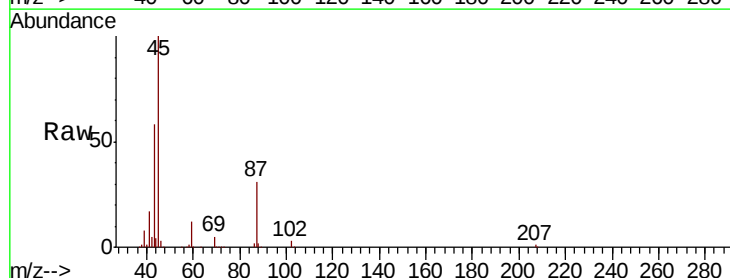
Ion Ratio Lower Upper

45 100

43 58.3 47.4 71.0

87 30.5 24.0 36.0

59 11.8 9.8 14.8

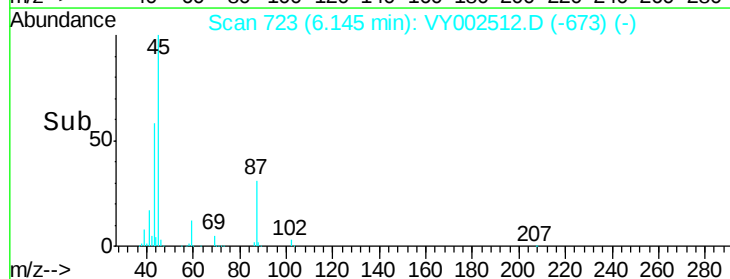
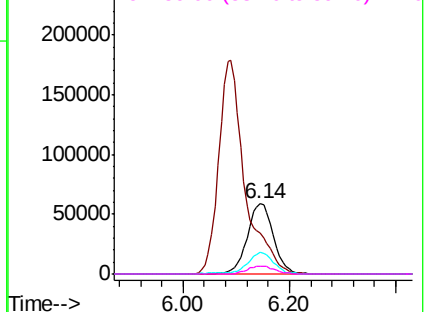


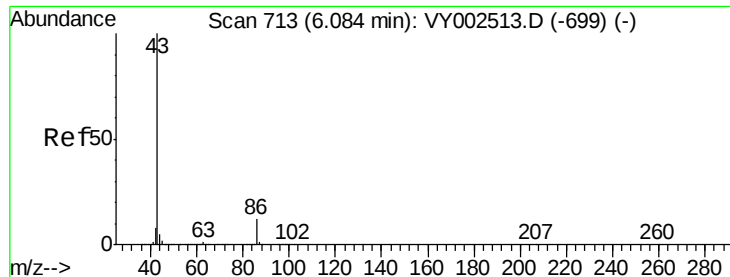
Abundance Ion 45.00 (44.70 to 45.70): VY002512.D (-673) (-)

Ion 43.00 (42.70 to 43.70): VY002512.D (-673) (-)

Ion 87.00 (86.70 to 87.70): VY002512.D (-673) (-)

Ion 59.00 (58.70 to 59.70): VY002512.D (-673) (-)





#23

Vinyl Acetate

Concen: 96.548 ug/l

RT: 6.09 min Scan# 714

Delta R.T. 0.01 min

Lab File: VY002512.D

Acq: 30 Apr 2020 15:01

Instrument :

MSVOA_Y

ClientSampleId :

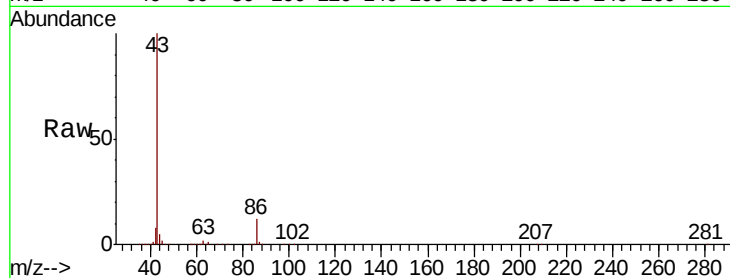
VSTDIC020

Tot Ion: 43 Resp: 612609

Ion Ratio Lower Upper

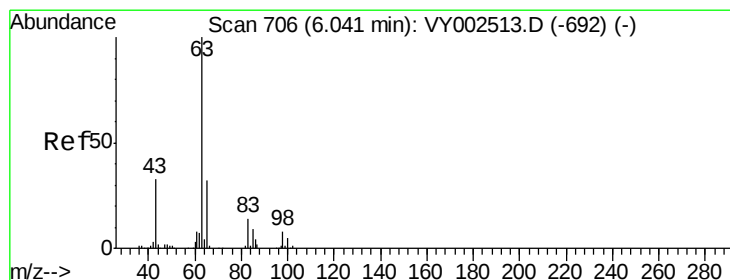
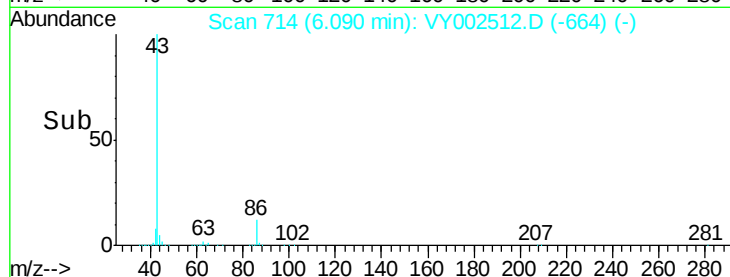
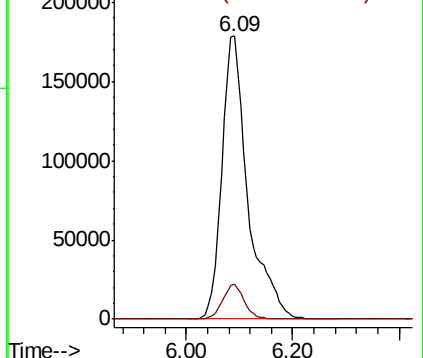
43 100

86 12.3 9.8 14.6



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 18.900 ug/l

RT: 6.04 min Scan# 706

Delta R.T. -0.00 min

Lab File: VY002512.D

Acq: 30 Apr 2020 15:01

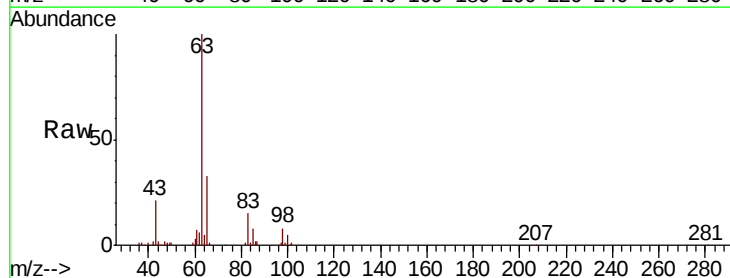
Tgt Ion: 63 Resp: 112809

Ion Ratio Lower Upper

63 100

98 7.9 3.9 11.7

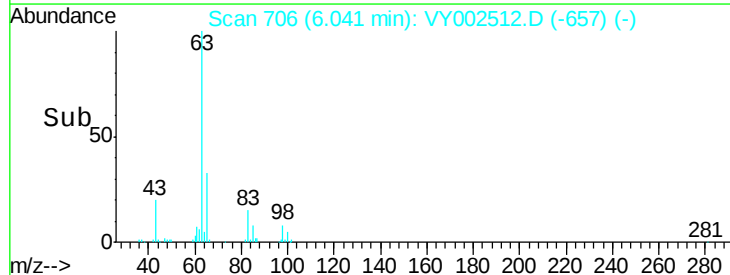
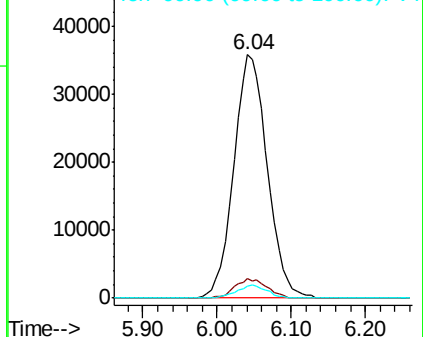
100 4.8 2.4 7.2

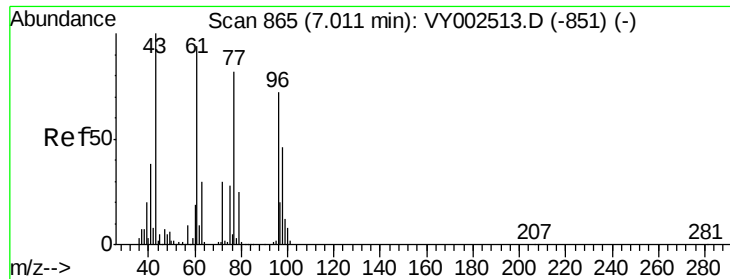


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0

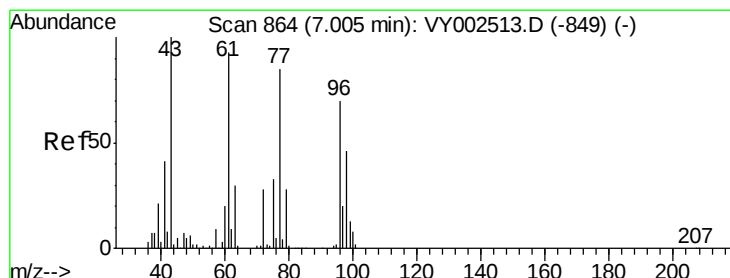
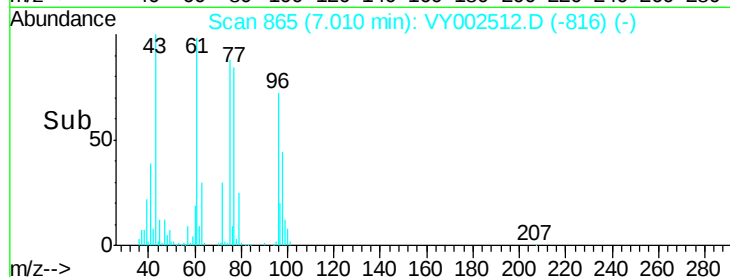
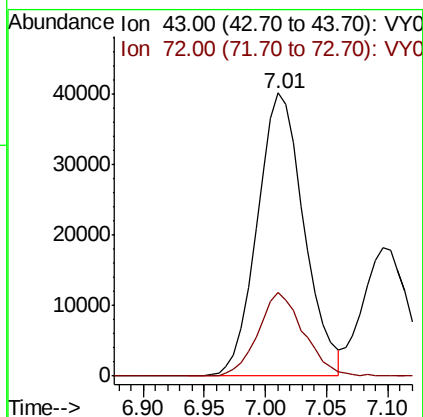
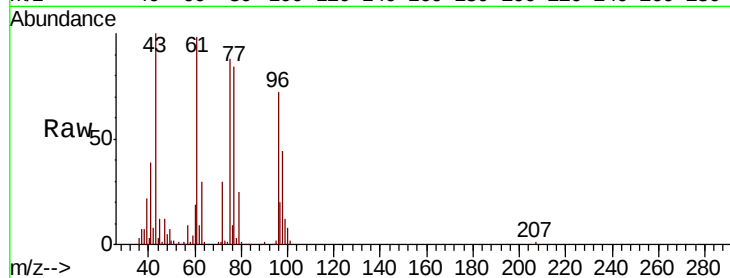




#25
2-Butanone
Concen: 94.792 ug/l
RT: 7.01 min Scan# 865
Delta R.T. -0.00 min
Lab File: VY002512.D
Acq: 30 Apr 2020 15:01

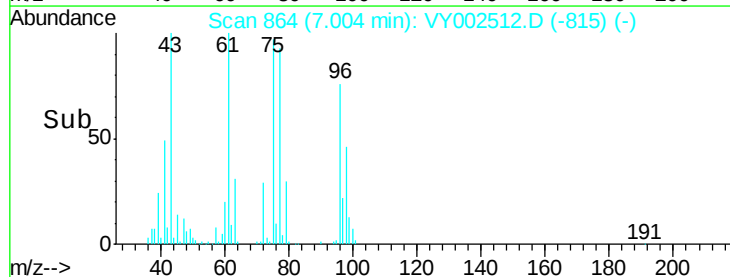
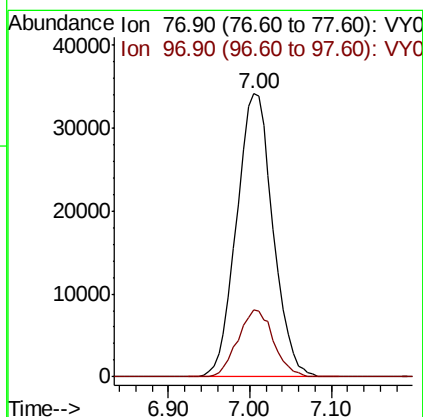
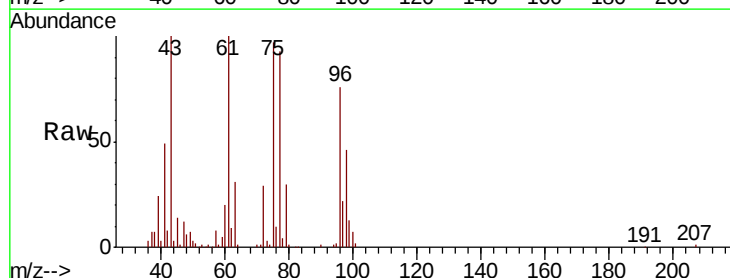
Instrument :
MSVOA_Y
ClientSampled :
VSTDIC020

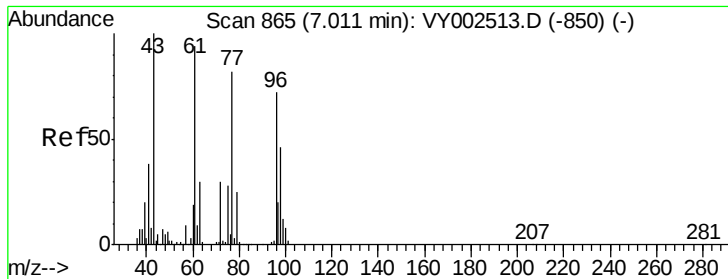
Tot Ion: 43 Resp: 107044
Ion Ratio Lower Upper
43 100
72 29.6 24.1 36.1



#26
2,2-Dichloropropane
Concen: 18.595 ug/l
RT: 7.00 min Scan# 864
Delta R.T. -0.00 min
Lab File: VY002512.D
Acq: 30 Apr 2020 15:01

Tgt Ion: 77 Resp: 105497
Ion Ratio Lower Upper
77 100
97 23.3 11.9 35.5



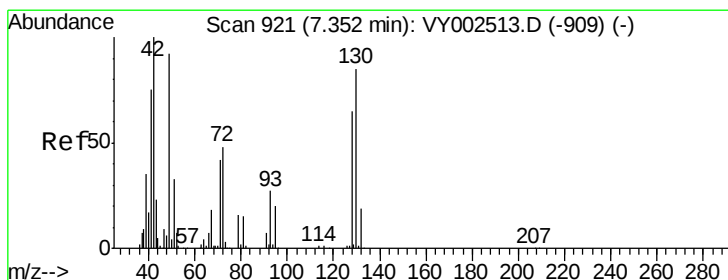
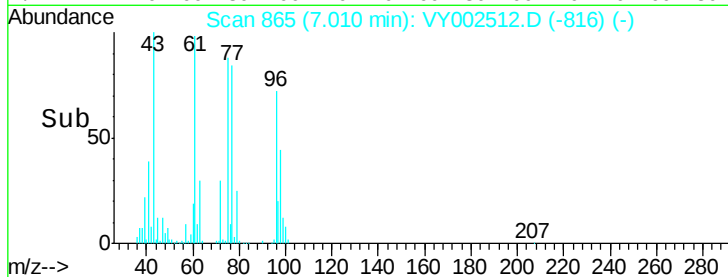
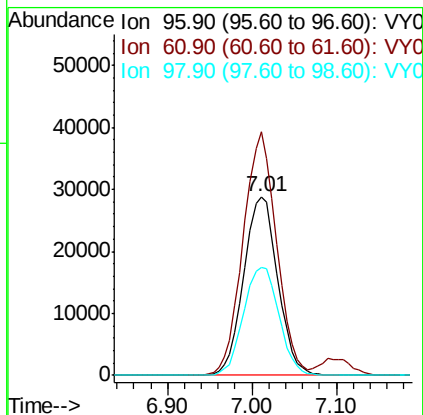
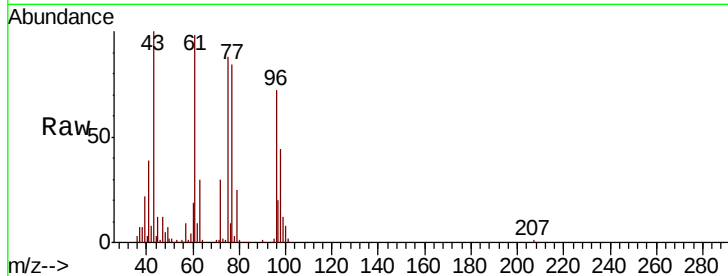


#27

cis-1,2-Dichloroethene
 Concen: 19.051 ug/l
 RT: 7.01 min Scan# 865
 Delta R.T. -0.00 min
 Lab File: VY002512.D
 Acq: 30 Apr 2020 15:01

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

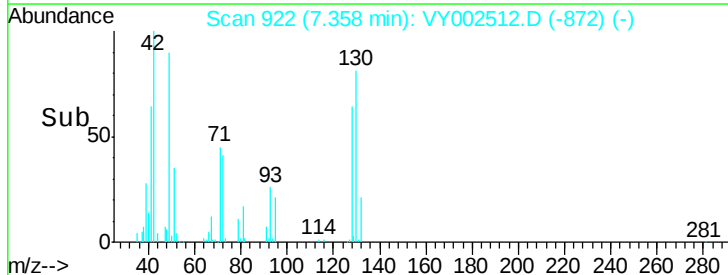
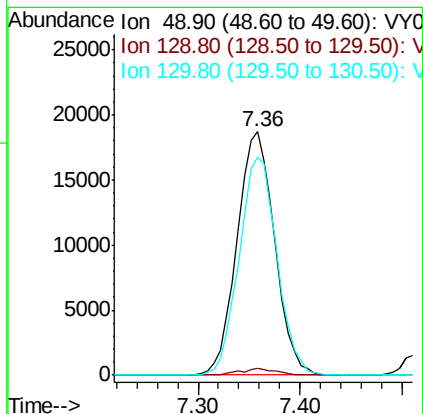
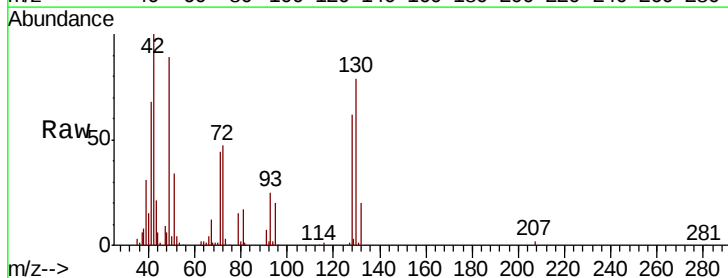
Tot Ion	96	Resp	78851
Ion	Ratio	Lower	Upper
96	100		
61	134.0	0.0	266.6
98	63.1	0.0	129.2

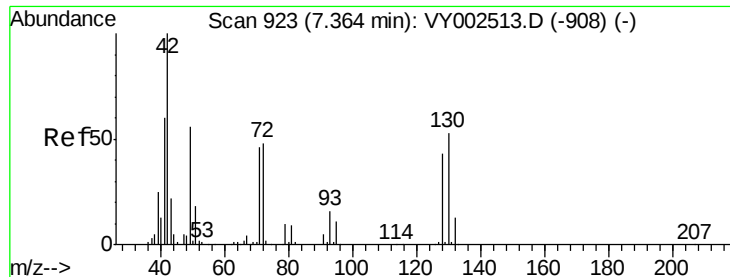


#28

Bromochloromethane
 Concen: 19.527 ug/l
 RT: 7.36 min Scan# 922
 Delta R.T. 0.01 min
 Lab File: VY002512.D
 Acq: 30 Apr 2020 15:01

Tgt Ion	49	Resp	47755
Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	4.8
130	90.4	72.5	108.7





#29

Tetrahydrofuran

Concen: 94.621 ug/l

RT: 7.37 min Scan# 924

Delta R.T. 0.01 min

Lab File: VY002512.D

Acq: 30 Apr 2020 15:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

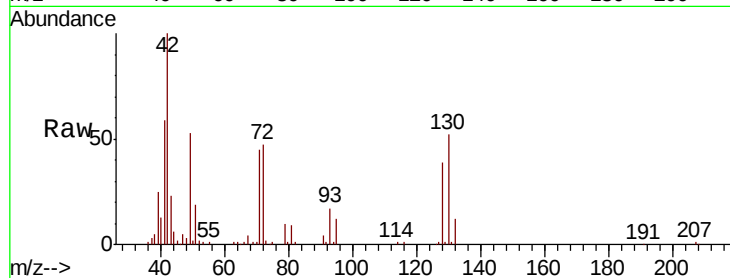
Tot Ion: 42 Resp: 70694

Ion Ratio Lower Upper

42 100

72 47.1 37.4 56.2

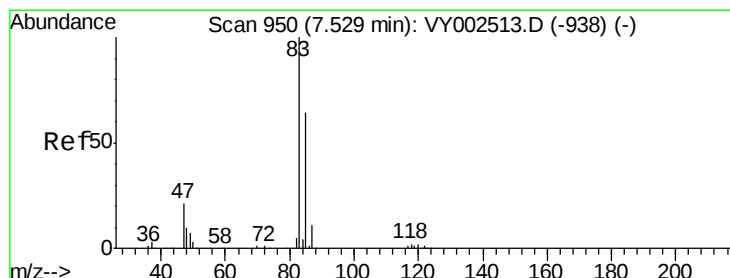
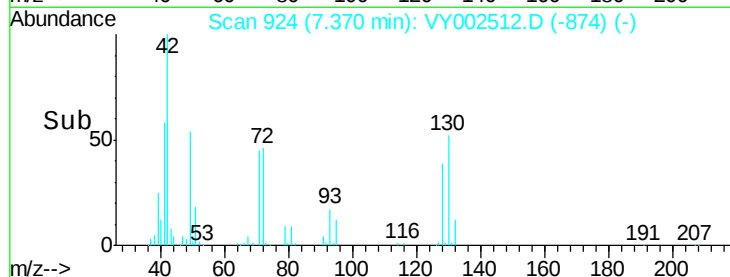
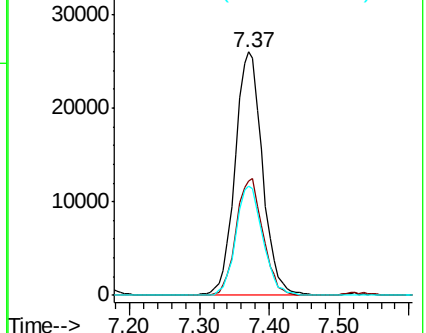
71 44.1 35.0 52.4



Abundance Ion 42.00 (41.70 to 42.70): VY002512.D (-874) (-)

Ion 72.00 (71.70 to 72.70): VY002512.D (-874) (-)

Ion 71.00 (70.70 to 71.70): VY002512.D (-874) (-)



#30

Chloroform

Concen: 19.036 ug/l

RT: 7.53 min Scan# 950

Delta R.T. -0.00 min

Lab File: VY002512.D

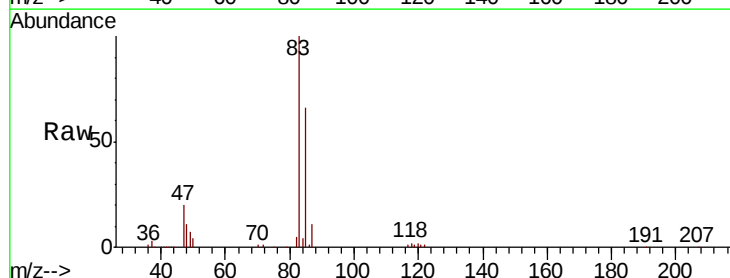
Acq: 30 Apr 2020 15:01

Tgt Ion: 83 Resp: 118140

Ion Ratio Lower Upper

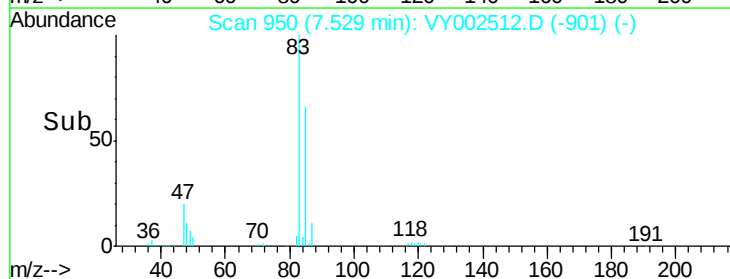
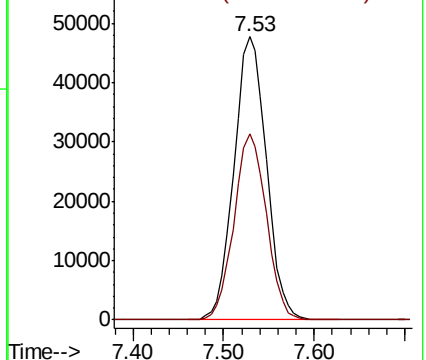
83 100

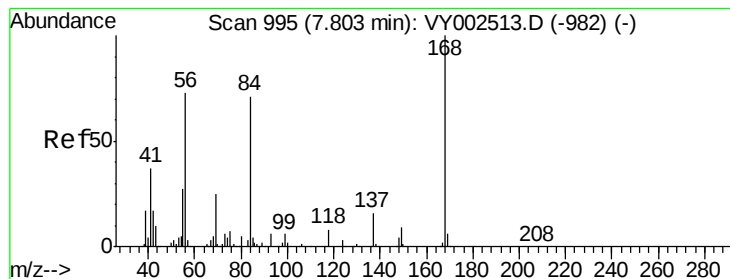
85 65.8 51.5 77.3



Abundance Ion 82.90 (82.60 to 83.60): VY002512.D (-901) (-)

Ion 84.90 (84.60 to 85.60): VY002512.D (-901) (-)





#31

Cyclohexane

Concen: 18.052 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.00 min

Lab File: VY002512.D

Acq: 30 Apr 2020 15:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

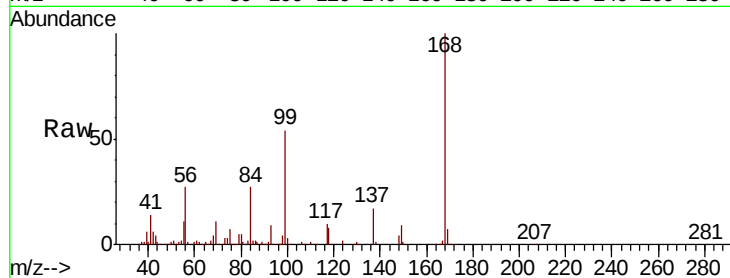
Tot Ion: 56 Resp: 108455

Ion Ratio Lower Upper

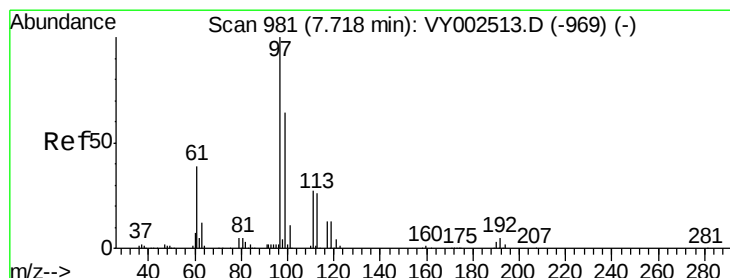
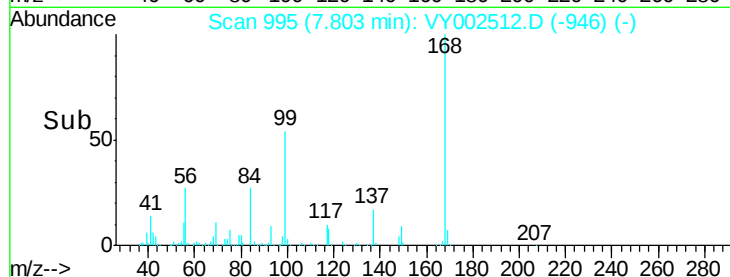
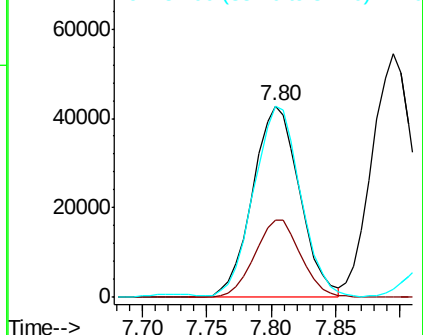
56 100

69 40.6 27.6 41.4

84 98.6 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: 18.796 ug/l

RT: 7.72 min Scan# 982

Delta R.T. 0.01 min

Lab File: VY002512.D

Acq: 30 Apr 2020 15:01

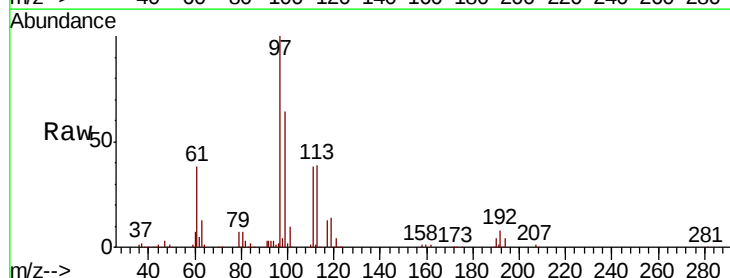
Tgt Ion: 97 Resp: 108425

Ion Ratio Lower Upper

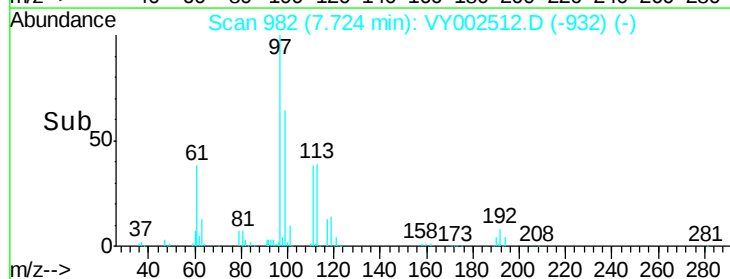
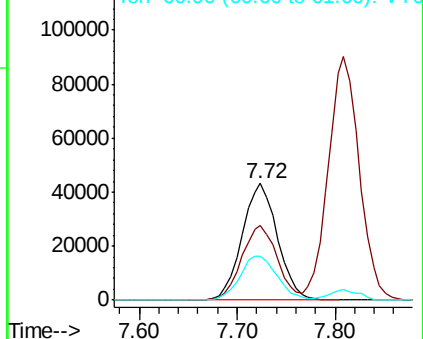
97 100

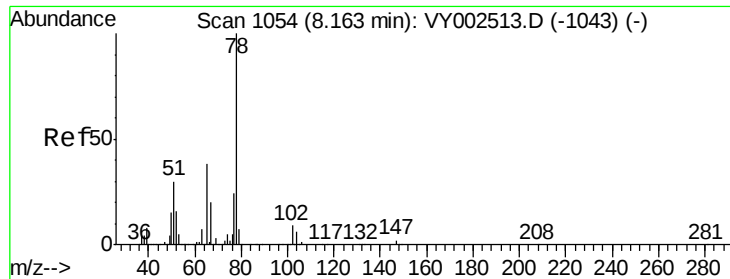
99 64.8 51.9 77.9

61 39.3 31.0 46.6



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





#33

1,2-Dichloroethane-d4

Concen: 19.534 ug/l

RT: 8.16 min Scan# 1054

Delta R.T. -0.00 min

Lab File: VY002512.D

Acq: 30 Apr 2020 15:01

Instrument :

MSVOA_Y

ClientSampleId :

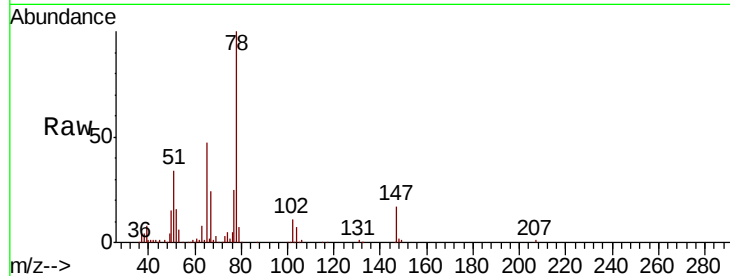
VSTDIC020

Tot Ion: 65 Resp: 65296

Ion Ratio Lower Upper

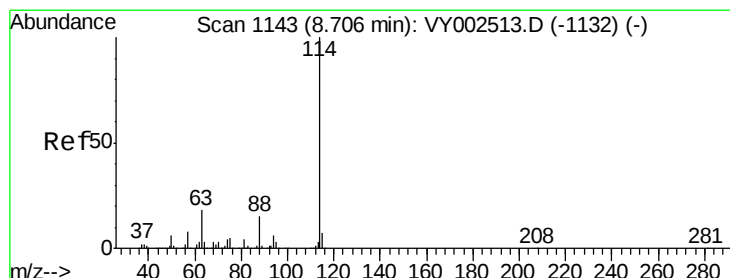
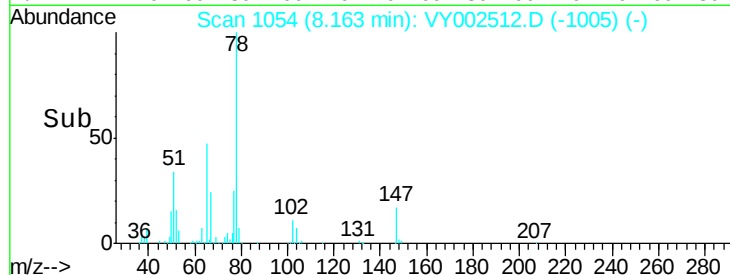
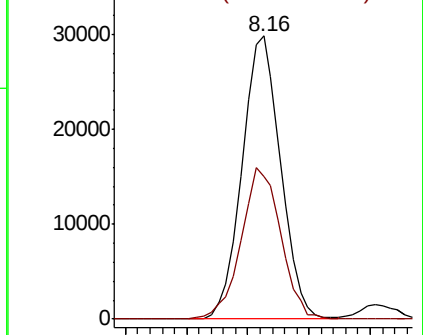
65 100

67 55.0 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1143

Delta R.T. -0.00 min

Lab File: VY002512.D

Acq: 30 Apr 2020 15:01

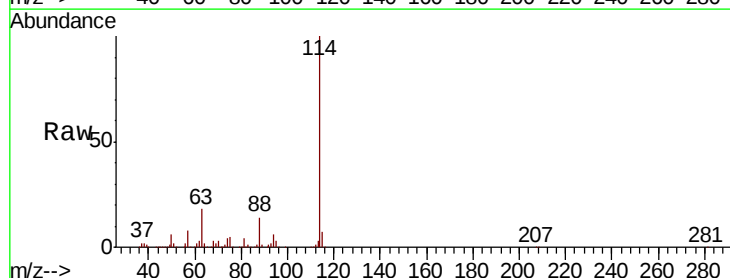
Tgt Ion:114 Resp: 590779

Ion Ratio Lower Upper

114 100

63 18.2 0.0 36.4

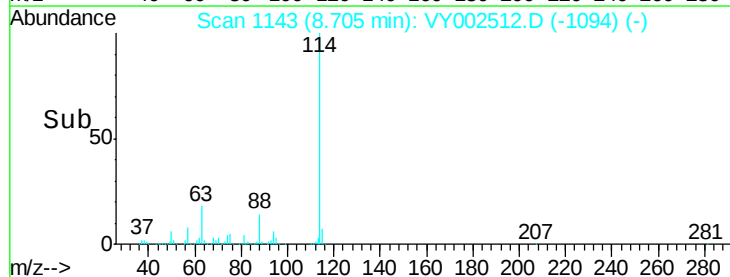
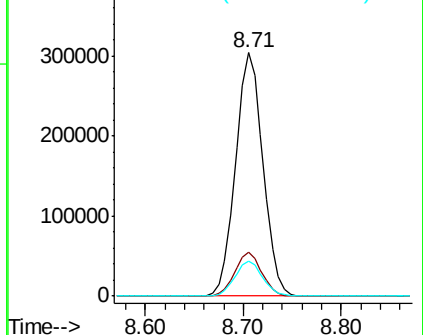
88 14.5 0.0 29.6

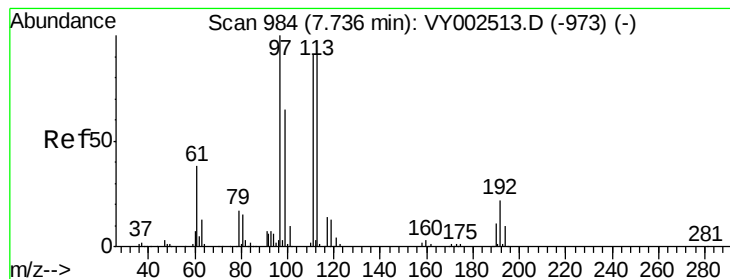


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0





#35

Dibromofluoromethane

Concen: 19.471 ug/l

RT: 7.74 min Scan# 985

Delta R.T. 0.01 min

Lab File: VY002512.D

Acq: 30 Apr 2020 15:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

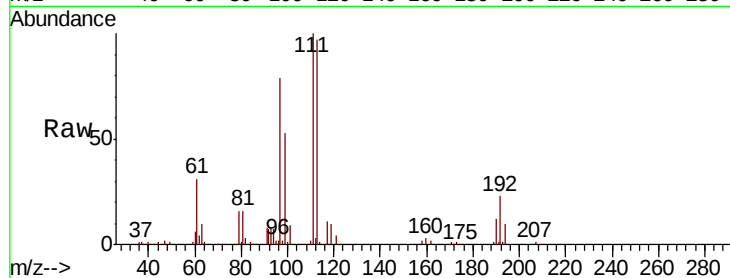
Tot Ion:113 Resp: 65786

Ion Ratio Lower Upper

113 100

111 102.8 81.8 122.6

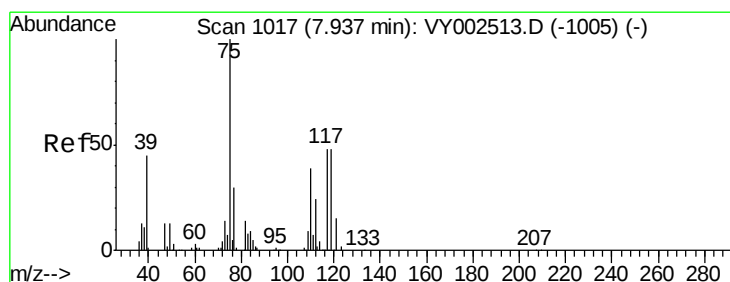
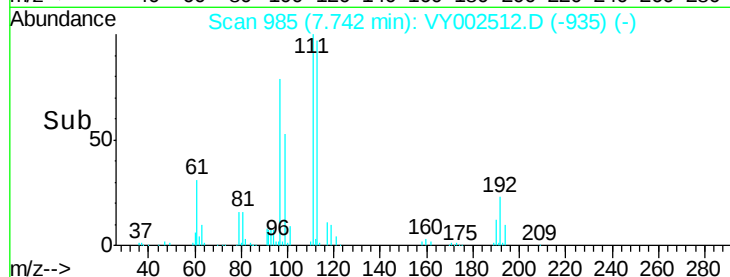
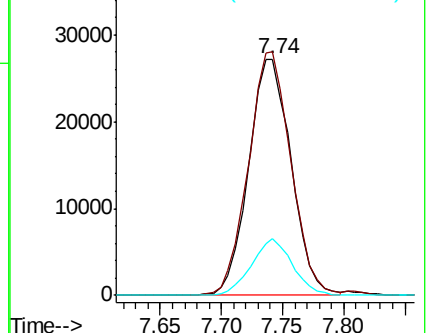
192 23.2 18.2 27.4



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: 18.376 ug/l

RT: 7.94 min Scan# 1017

Delta R.T. -0.00 min

Lab File: VY002512.D

Acq: 30 Apr 2020 15:01

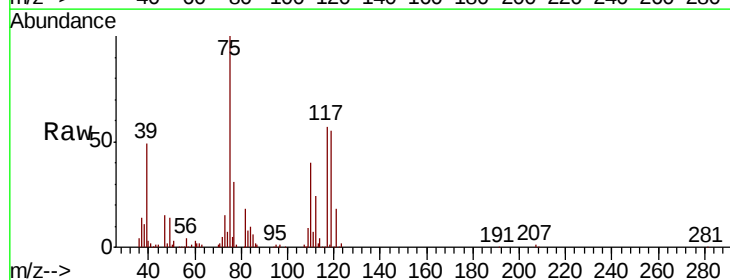
Tgt Ion: 75 Resp: 91008

Ion Ratio Lower Upper

75 100

110 38.7 19.1 57.3

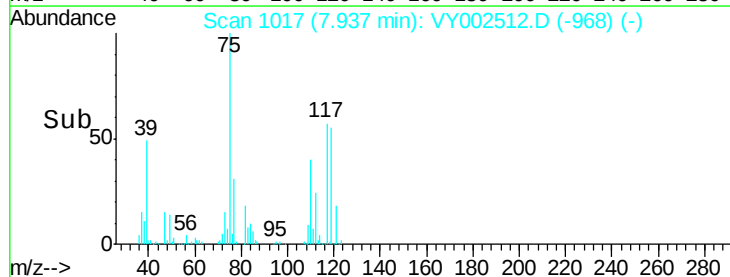
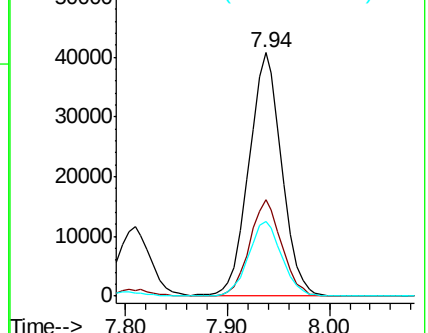
77 31.3 24.6 37.0

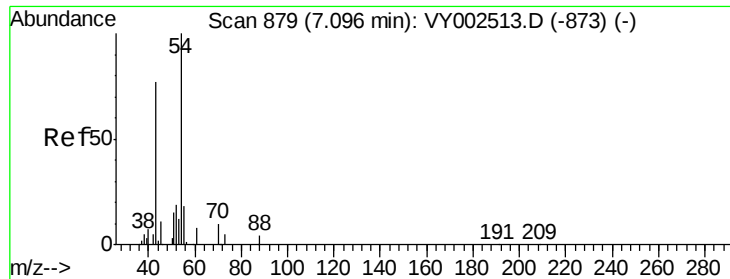


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

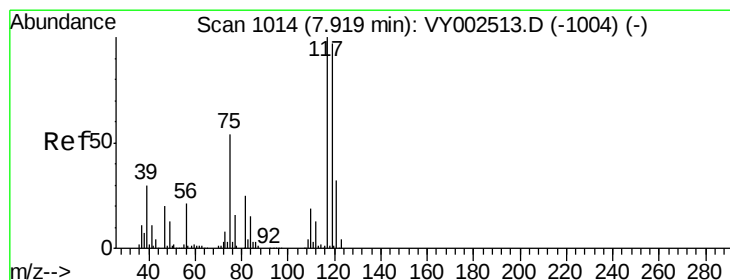
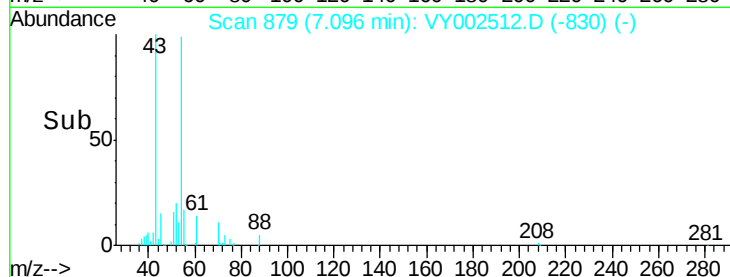
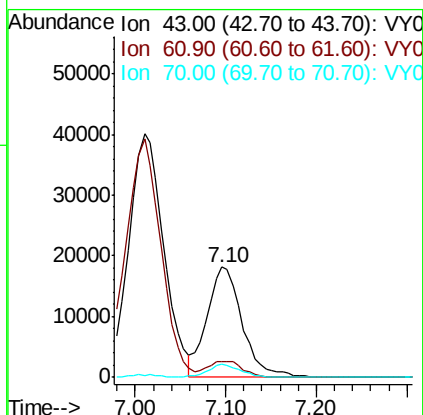
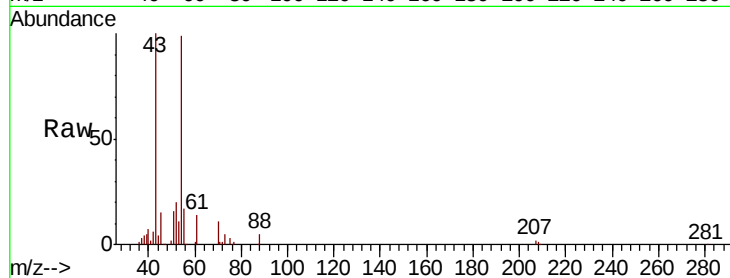




#37
Ethyl Acetate
Concen: 19.321 ug/l
RT: 7.10 min Scan# 879
Delta R.T. -0.00 min
Lab File: VY002512.D
Acq: 30 Apr 2020 15:01

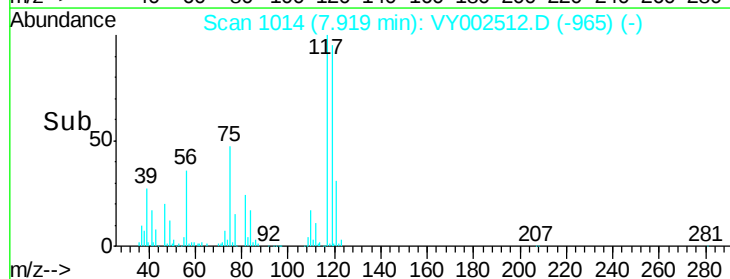
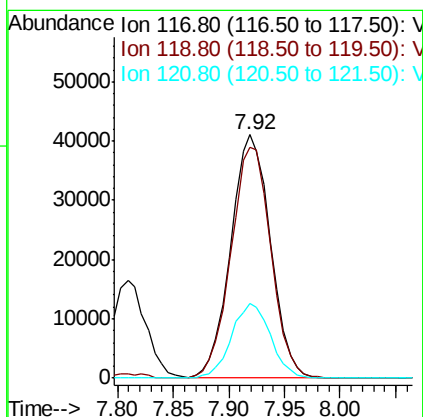
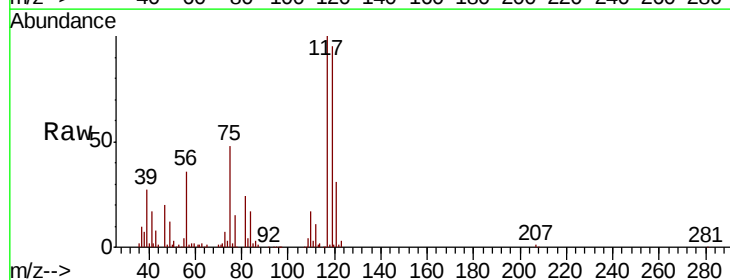
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

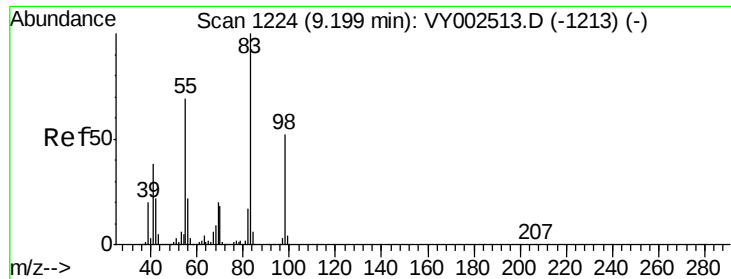
Tot Ion: 43 Resp: 49172
Ion Ratio Lower Upper
43 100
61 15.0 11.6 17.4
70 10.8 9.0 13.6



#38
Carbon Tetrachloride
Concen: 18.748 ug/l
RT: 7.92 min Scan# 1014
Delta R.T. -0.00 min
Lab File: VY002512.D
Acq: 30 Apr 2020 15:01

Tgt Ion: 117 Resp: 101372
Ion Ratio Lower Upper
117 100
119 94.8 77.1 115.7
121 30.9 25.2 37.8

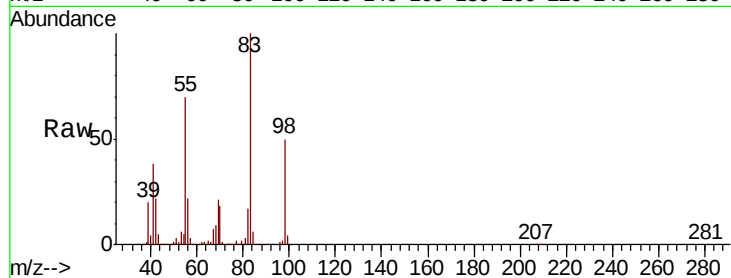




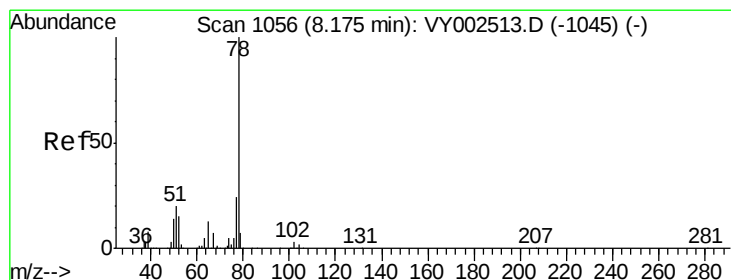
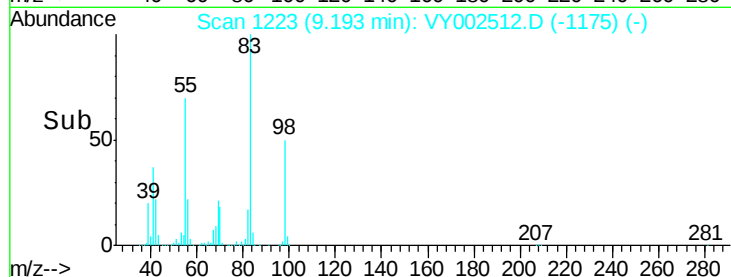
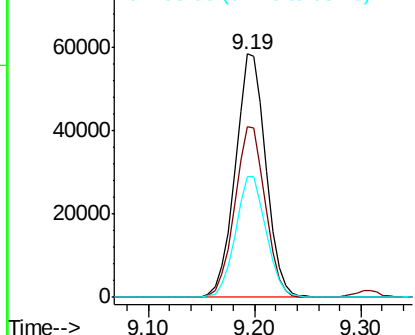
#39
Methylcyclohexane
Concen: 17.989 ug/l
RT: 9.19 min Scan# 1223
Delta R.T. -0.01 min
Lab File: VY002512.D
Acq: 30 Apr 2020 15:01

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tot Ion: 83 Resp: 117675
Ion Ratio Lower Upper
83 100
55 70.0 55.4 83.0
98 49.6 41.3 61.9

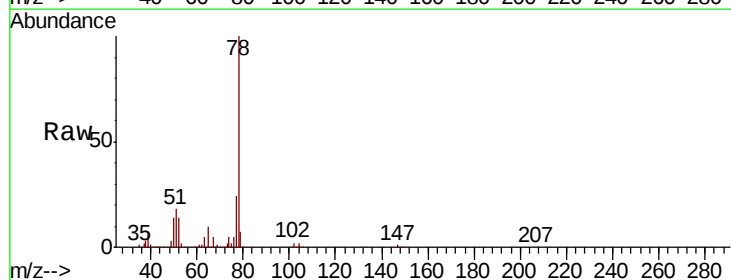


Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

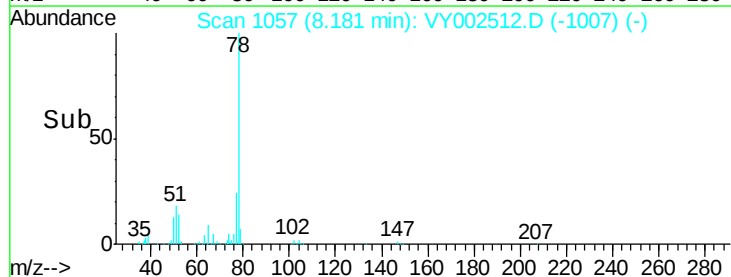
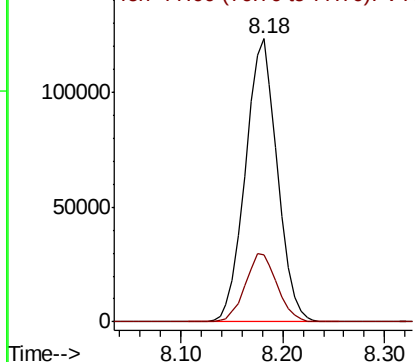


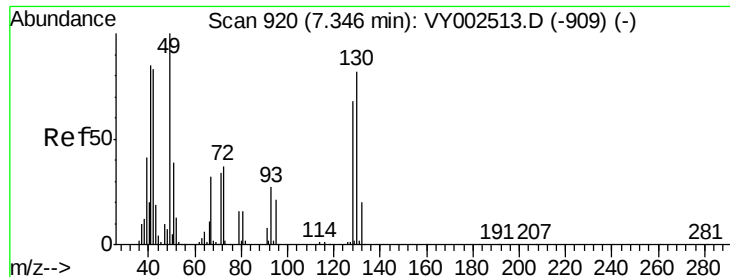
#40
Benzene
Concen: 18.743 ug/l
RT: 8.18 min Scan# 1057
Delta R.T. 0.01 min
Lab File: VY002512.D
Acq: 30 Apr 2020 15:01

Tgt Ion: 78 Resp: 268107
Ion Ratio Lower Upper
78 100
77 23.7 19.2 28.8



Abundance Ion 78.00 (77.70 to 78.70): VY0
Ion 77.00 (76.70 to 77.70): VY0

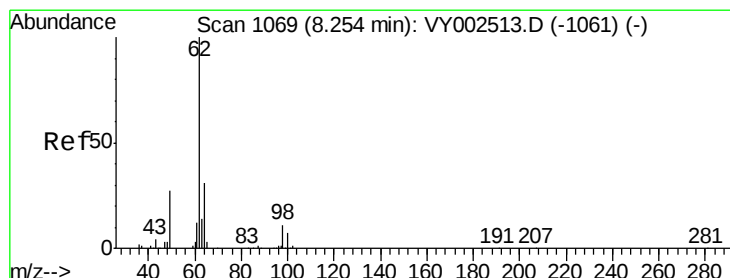
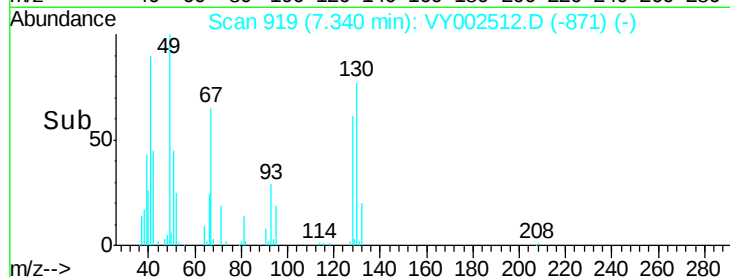
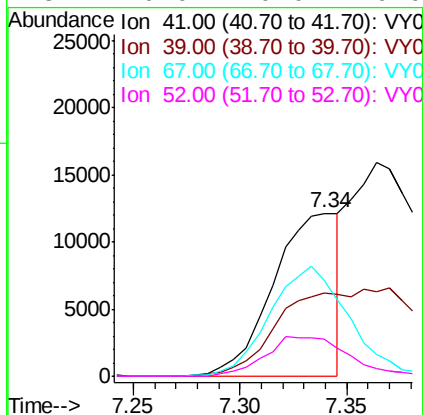
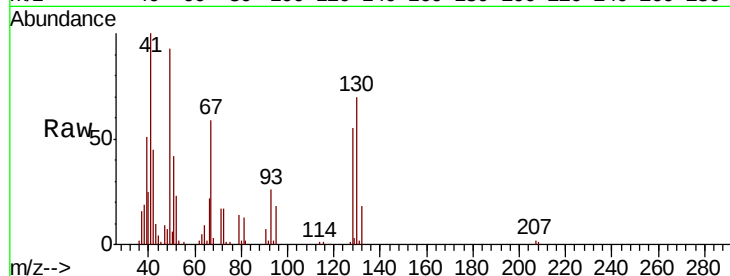




#41
Methacrylonitrile
Concen: 19.849 ug/l m
RT: 7.34 min Scan# 919
Delta R.T. -0.01 min
Lab File: VY002512.D
Acq: 30 Apr 2020 15:01

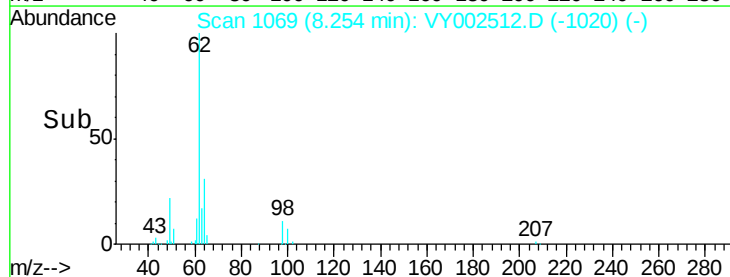
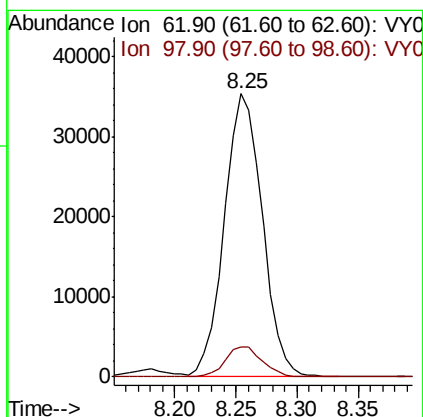
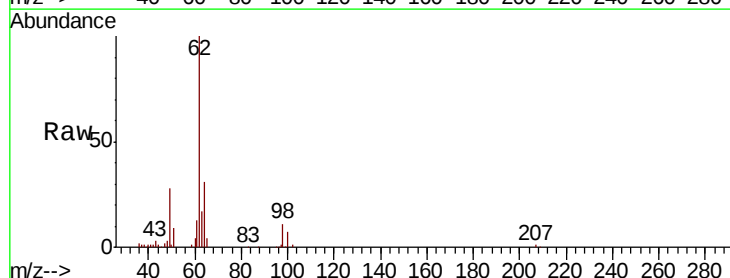
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

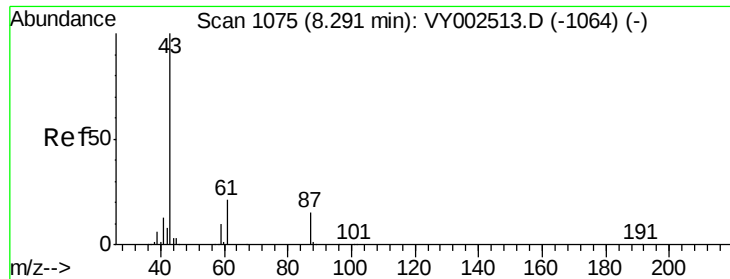
Tot Ion: 41 Resp: 26406
Ion Ratio Lower Upper
41 100
39 113.4 83.1 124.7
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 18.973 ug/l
RT: 8.25 min Scan# 1069
Delta R.T. -0.00 min
Lab File: VY002512.D
Acq: 30 Apr 2020 15:01

Tgt Ion: 62 Resp: 76126
Ion Ratio Lower Upper
62 100
98 10.5 0.0 21.0





#43

Isopropyl Acetate

Concen: 19.229 ug/l

RT: 8.29 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VY002512.D

Acq: 30 Apr 2020 15:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

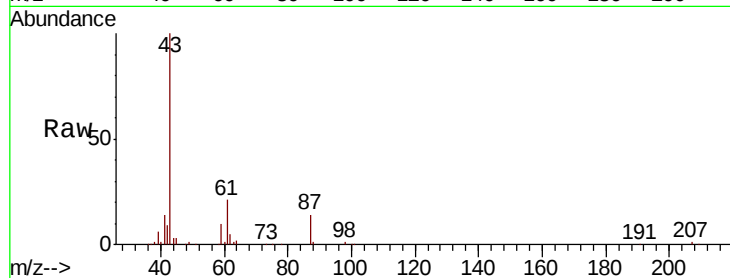
Tot Ion: 43 Resp: 91746

Ion Ratio Lower Upper

43 100

61 30.2 24.8 37.2

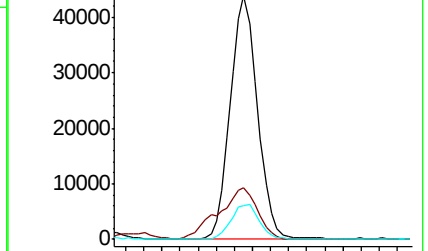
87 14.9 12.2 18.2



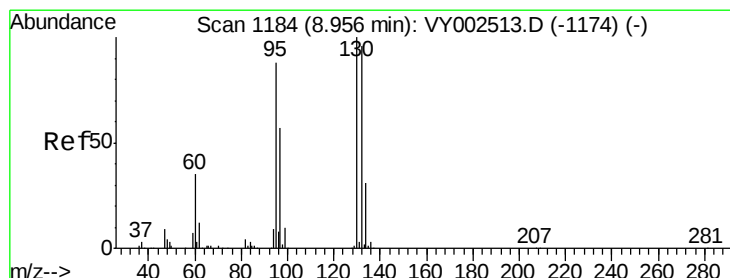
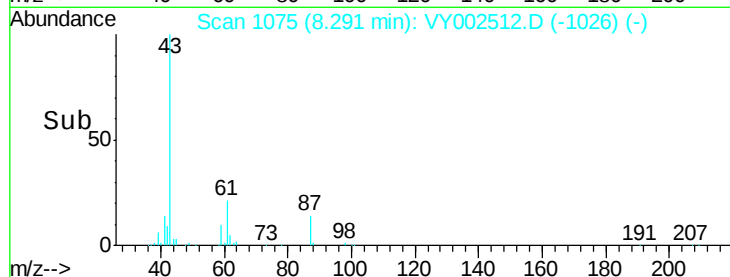
Abundance Ion 43.00 (42.70 to 43.70): VY002512.D (-1026) (-)

Ion 61.00 (60.70 to 61.70): VY002512.D (-1026) (-)

Ion 87.00 (86.70 to 87.70): VY002512.D (-1026) (-)



Time-->



#44

Trichloroethene

Concen: 18.822 ug/l

RT: 8.96 min Scan# 1184

Delta R.T. -0.00 min

Lab File: VY002512.D

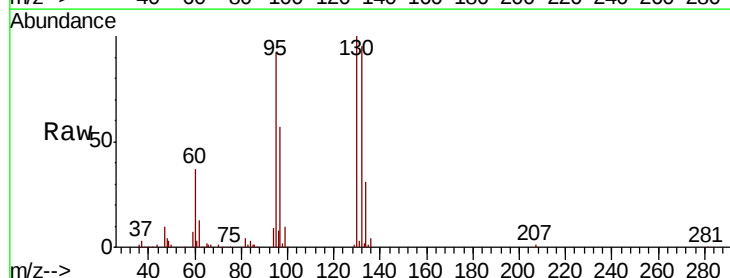
Acq: 30 Apr 2020 15:01

Tgt Ion: 130 Resp: 84137

Ion Ratio Lower Upper

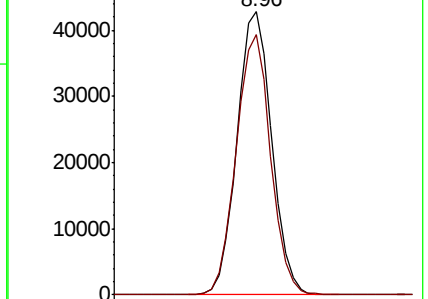
130 100

95 91.8 0.0 175.8

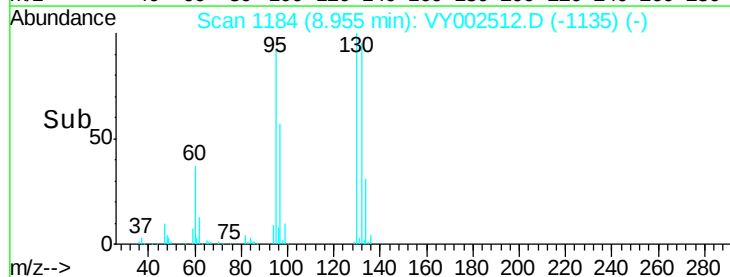


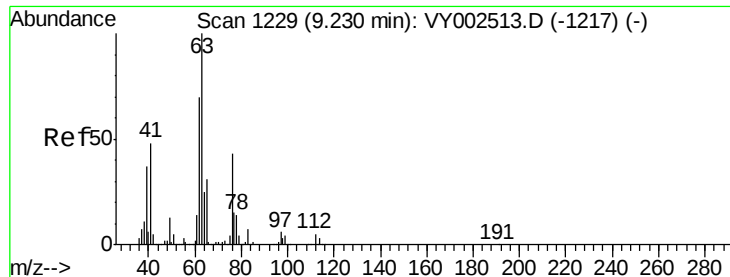
Abundance Ion 129.80 (129.50 to 130.50): VY002512.D (-1135) (-)

Ion 94.90 (94.60 to 95.60): VY002512.D (-1135) (-)



Time-->





#45

1,2-Dichloropropane

Concen: 19.108 ug/l

RT: 9.23 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VY002512.D

Acq: 30 Apr 2020 15:01

Instrument :

MSVOA_Y

ClientSampleId :

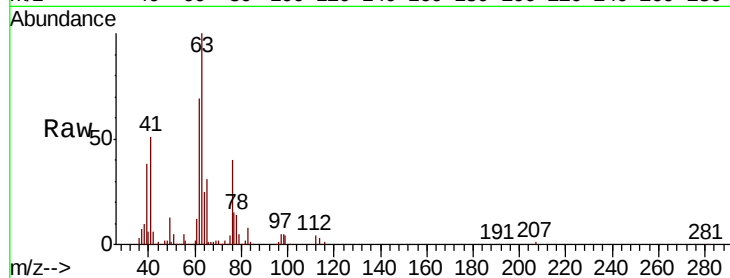
VSTDIC020

Tot Ion: 63 Resp: 65965

Ion Ratio Lower Upper

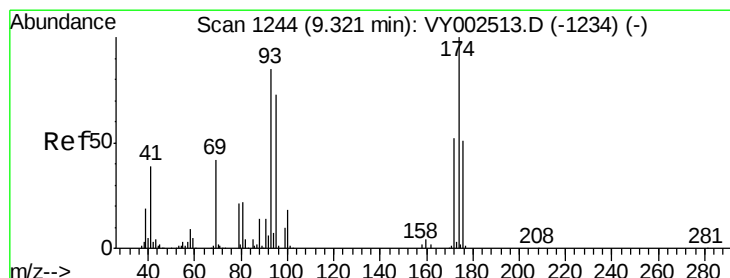
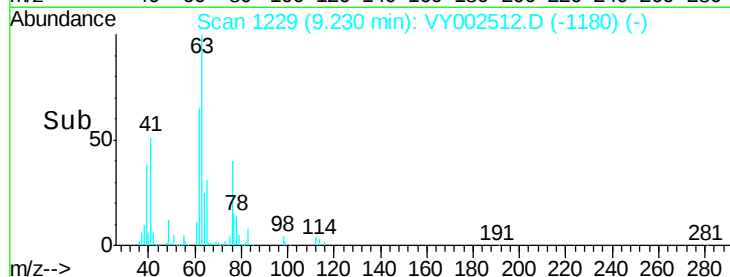
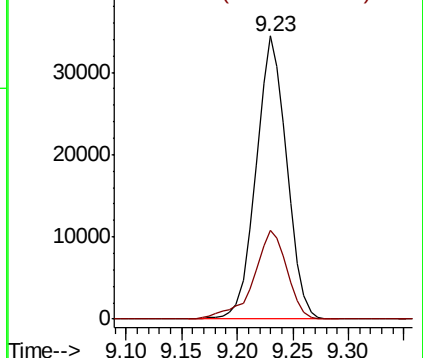
63 100

65 31.4 24.5 36.7



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 64.90 (64.60 to 65.60): VY0



#46

Dibromomethane

Concen: 18.997 ug/l

RT: 9.32 min Scan# 1244

Delta R.T. -0.00 min

Lab File: VY002512.D

Acq: 30 Apr 2020 15:01

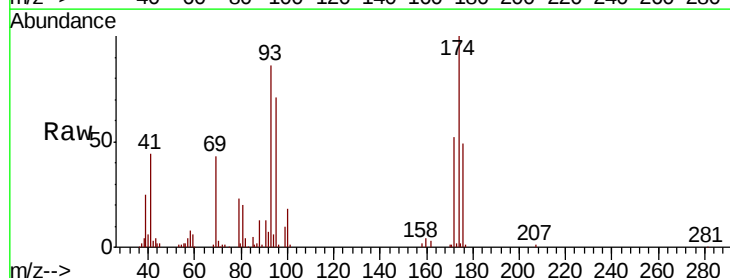
Tgt Ion: 93 Resp: 37733

Ion Ratio Lower Upper

93 100

95 83.8 67.0 100.4

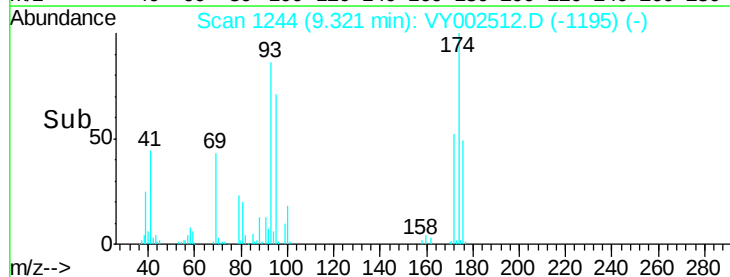
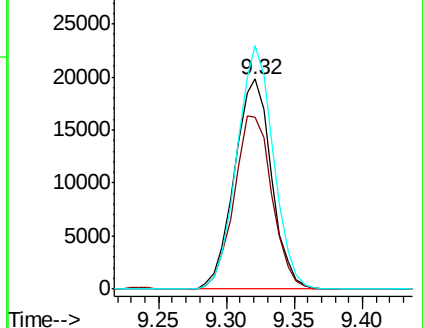
174 113.6 92.7 139.1

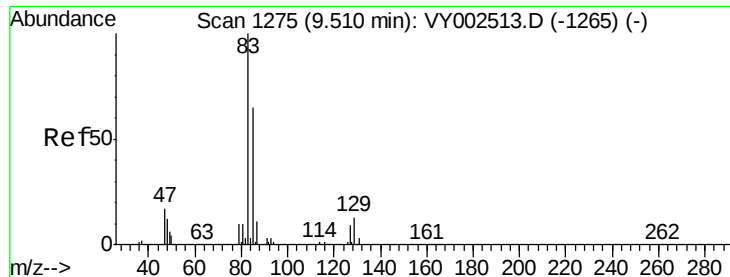


Abundance Ion 92.80 (92.50 to 93.50): VY0

Ion 94.80 (94.50 to 95.50): VY0

Ion 173.70 (173.40 to 174.40): VY0





#47

Bromodichloromethane

Concen: 19.062 ug/l

RT: 9.51 min Scan# 1275

Delta R.T. -0.00 min

Lab File: VY002512.D

Acq: 30 Apr 2020 15:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

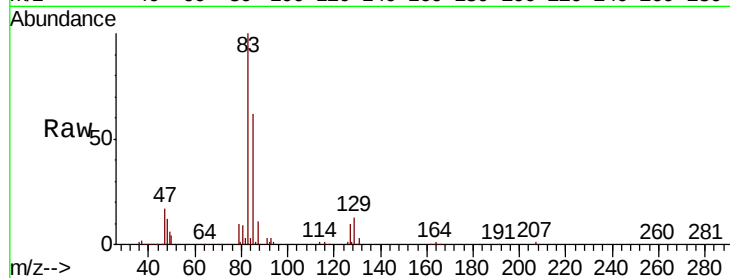
Tot Ion: 83 Resp: 92063

Ion Ratio Lower Upper

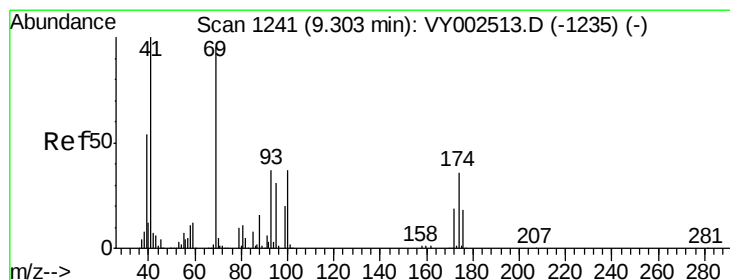
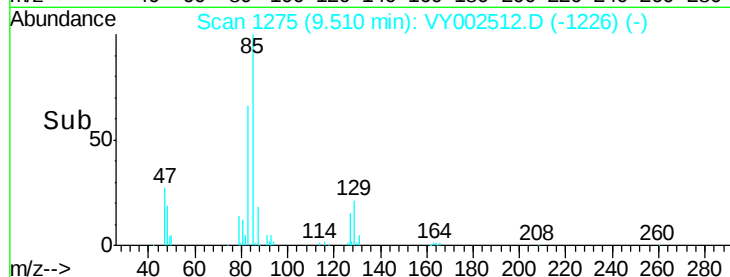
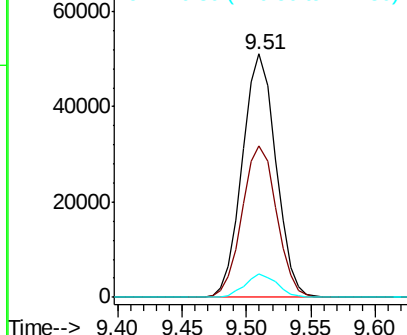
83 100

85 62.0 51.8 77.8

127 9.5 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: 18.797 ug/l

RT: 9.30 min Scan# 1241

Delta R.T. -0.00 min

Lab File: VY002512.D

Acq: 30 Apr 2020 15:01

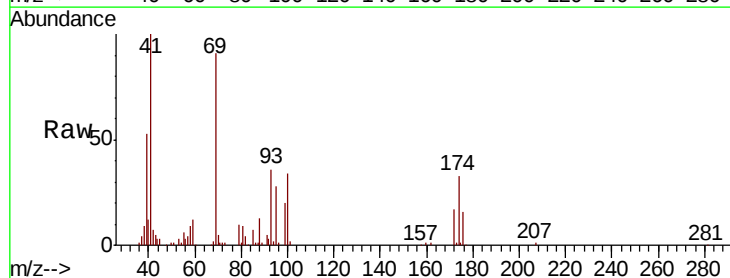
Tgt Ion: 41 Resp: 40588

Ion Ratio Lower Upper

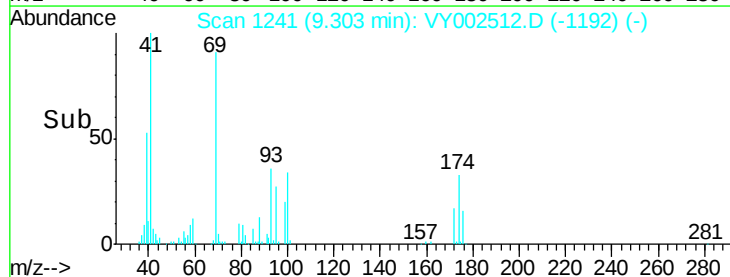
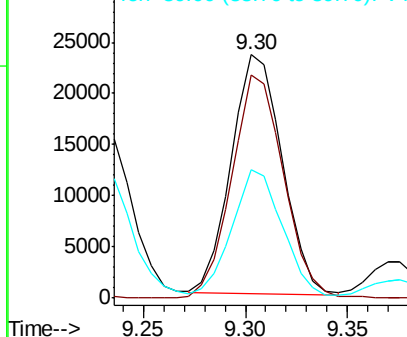
41 100

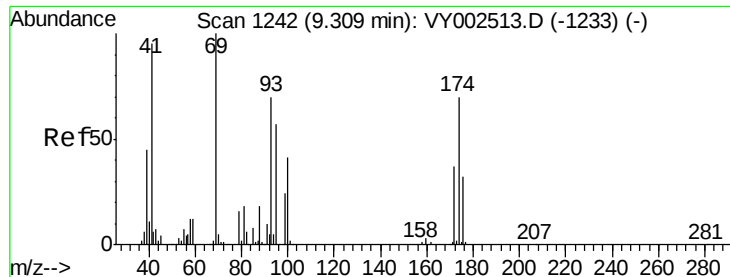
69 95.2 76.2 114.4

39 54.0 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

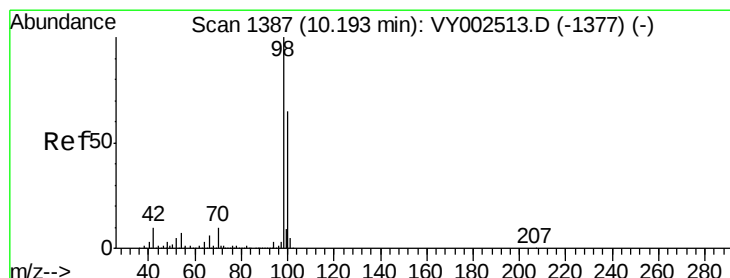
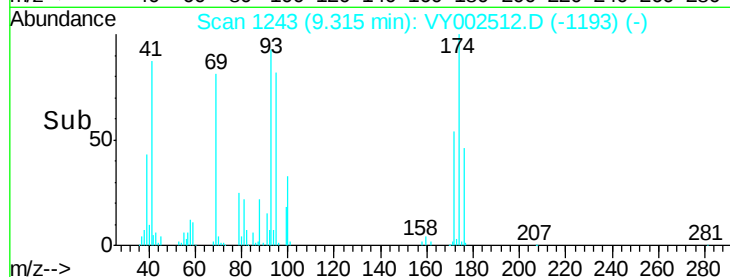
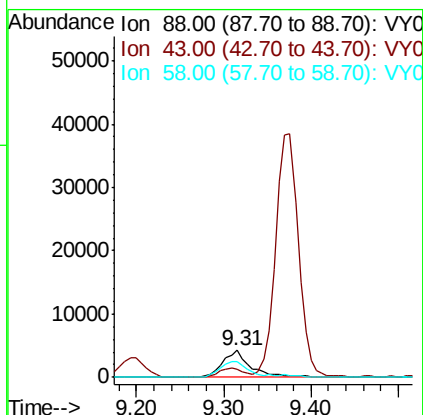
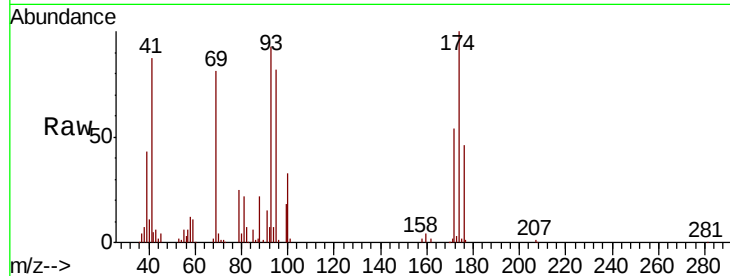




#49
1,4-Dioxane
Concen: 364.237 ug/l
RT: 9.31 min Scan# 1243
Delta R.T. 0.01 min
Lab File: VY002512.D
Acq: 30 Apr 2020 15:01

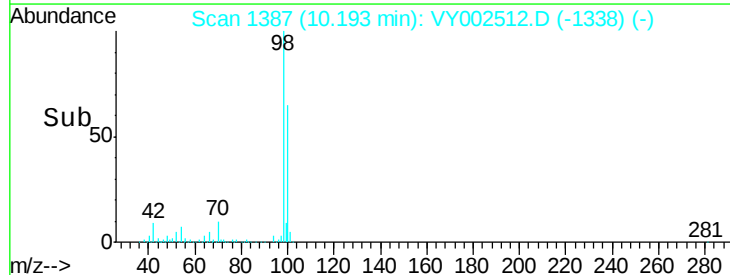
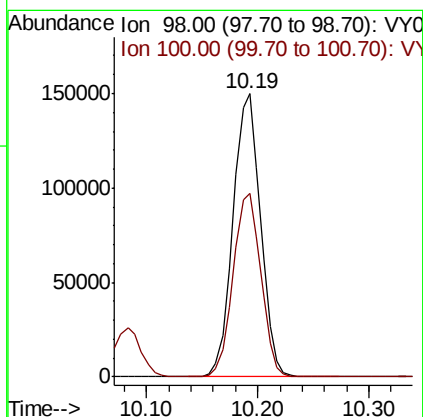
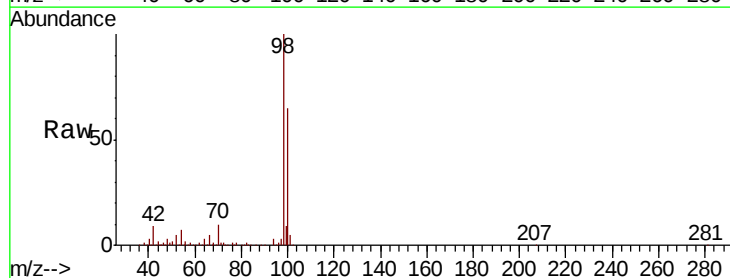
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

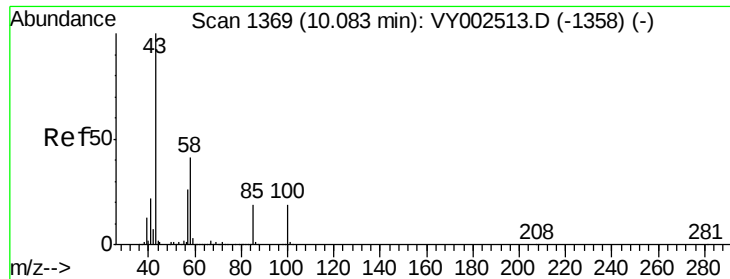
Tot Ion: 88 Resp: 9579
Ion Ratio Lower Upper
88 100
43 31.2 22.8 34.2
58 61.0 51.4 77.2



#50
Toluene-d8
Concen: 19.358 ug/l
RT: 10.19 min Scan# 1387
Delta R.T. -0.00 min
Lab File: VY002512.D
Acq: 30 Apr 2020 15:01

Tgt Ion: 98 Resp: 255408
Ion Ratio Lower Upper
98 100
100 65.4 52.2 78.2

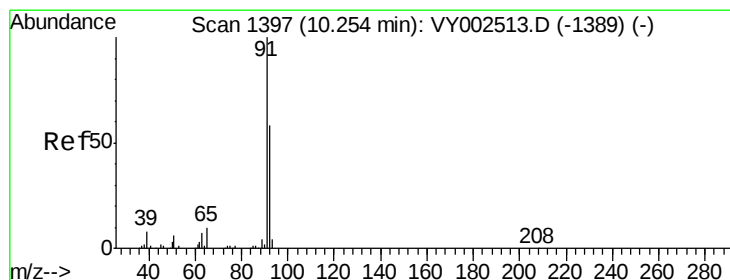
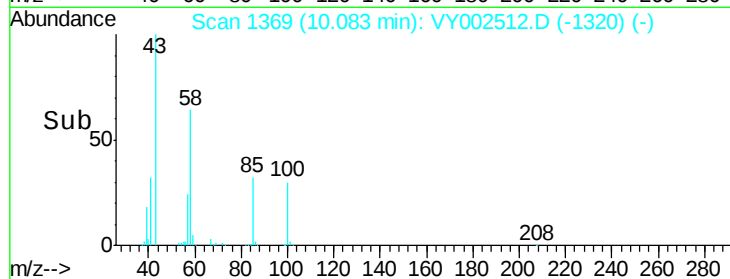
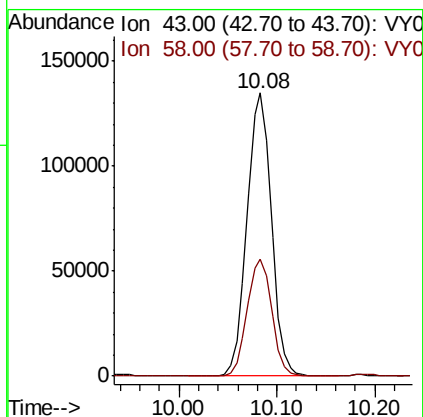
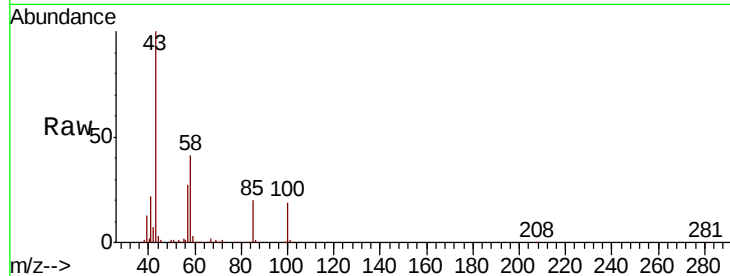




#51
 4-Methyl-2-Pentanone
 Concen: 94.942 ug/l
 RT: 10.08 min Scan# 1369
 Delta R.T. -0.00 min
 Lab File: VY002512.D
 Acq: 30 Apr 2020 15:01

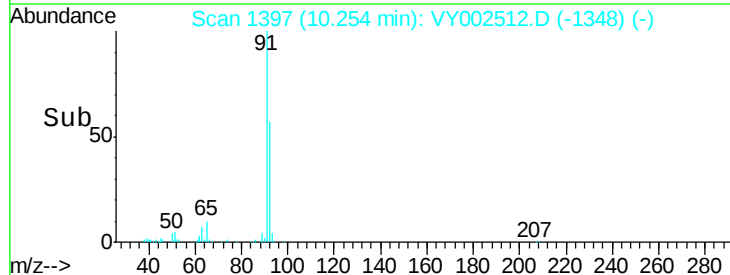
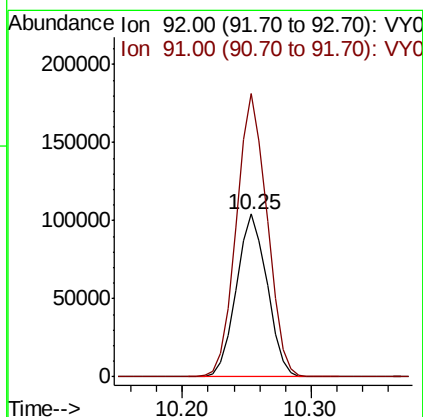
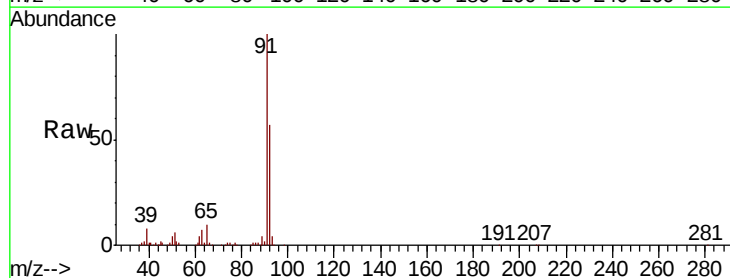
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

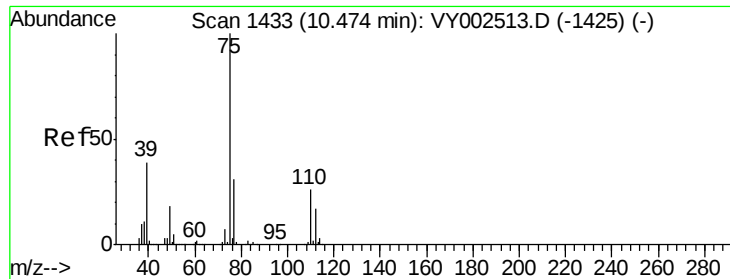
Tot Ion: 43 Resp: 233484
 Ion Ratio Lower Upper
 43 100
 58 41.7 33.2 49.8



#52
 Toluene
 Concen: 18.787 ug/l
 RT: 10.25 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: VY002512.D
 Acq: 30 Apr 2020 15:01

Tgt Ion: 92 Resp: 172702
 Ion Ratio Lower Upper
 92 100
 91 173.1 139.3 208.9





#53

t-1,3-Dichloropropene

Concen: 18.807 ug/l

RT: 10.47 min Scan# 1433

Delta R.T. -0.00 min

Lab File: VY002512.D

Acq: 30 Apr 2020 15:01

Instrument :

MSVOA_Y

ClientSampleId :

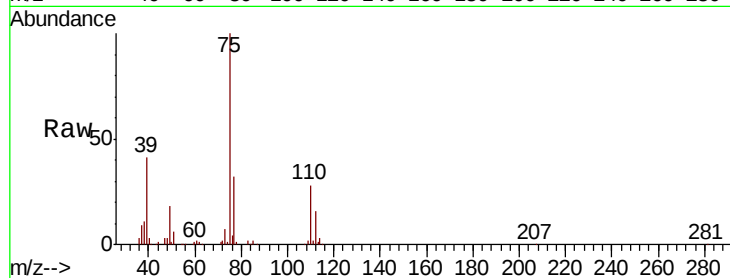
VSTDIC020

Tot Ion: 75 Resp: 95168

Ion Ratio Lower Upper

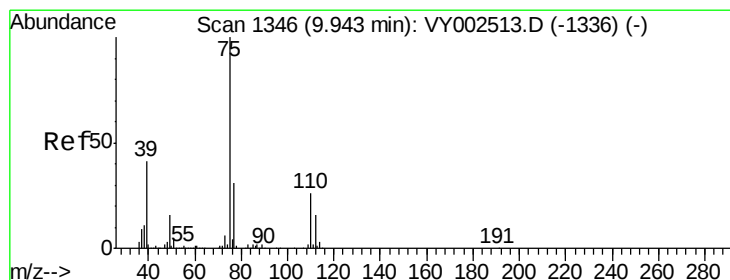
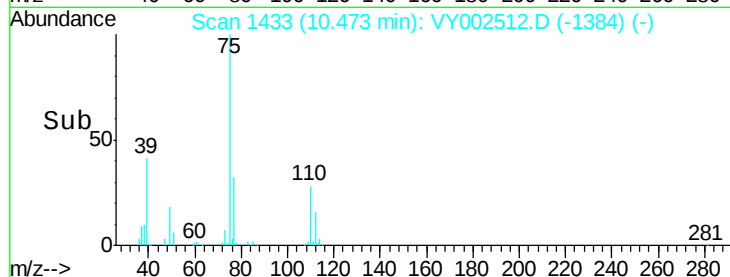
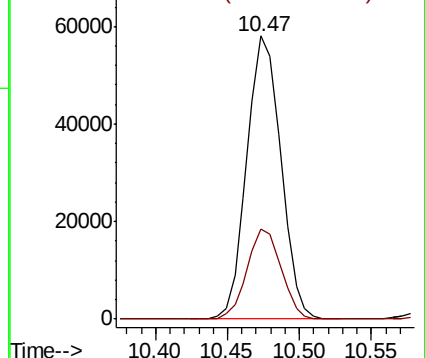
75 100

77 32.0 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: 18.798 ug/l

RT: 9.94 min Scan# 1345

Delta R.T. -0.01 min

Lab File: VY002512.D

Acq: 30 Apr 2020 15:01

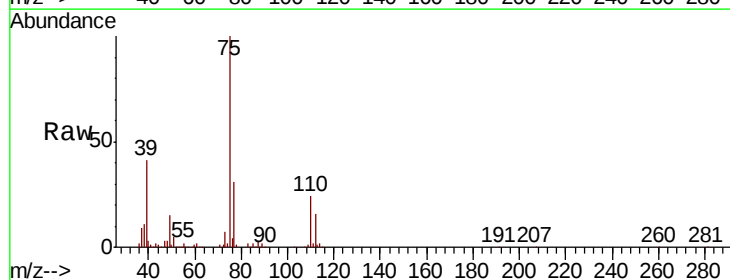
Tgt Ion: 75 Resp: 109968

Ion Ratio Lower Upper

75 100

77 31.2 25.1 37.7

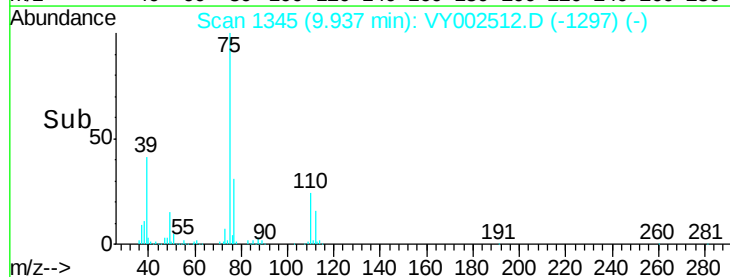
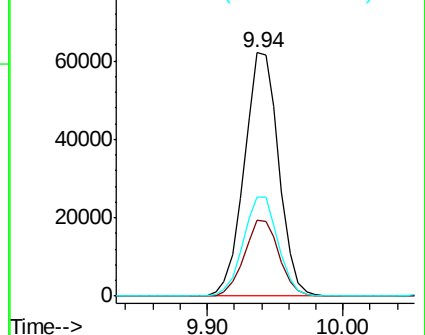
39 40.8 32.7 49.1

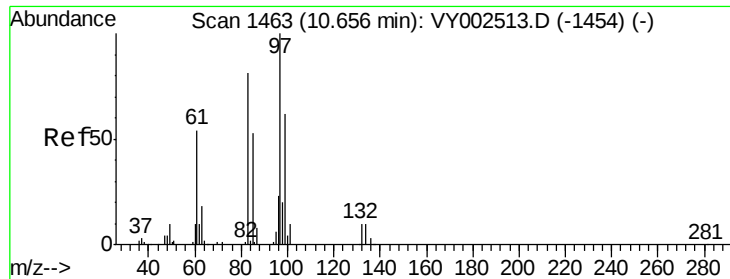


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0





#55

1,1,2-Trichloroethane

Concen: 19.173 ug/l

RT: 10.66 min Scan# 1463

Delta R.T. -0.00 min

Lab File: VY002512.D

Acq: 30 Apr 2020 15:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tot Ion: 97 Resp: 55534

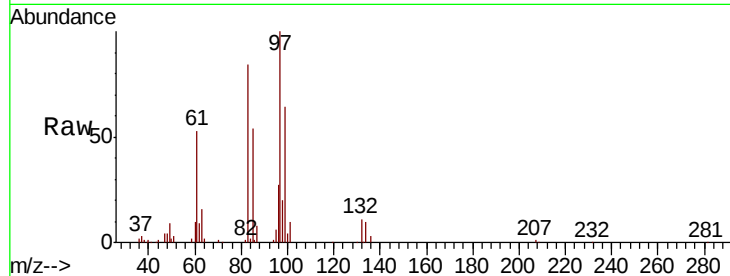
Ion Ratio Lower Upper

97 100

83 83.5 65.1 97.7

85 53.6 42.7 64.1

99 63.7 50.0 75.0

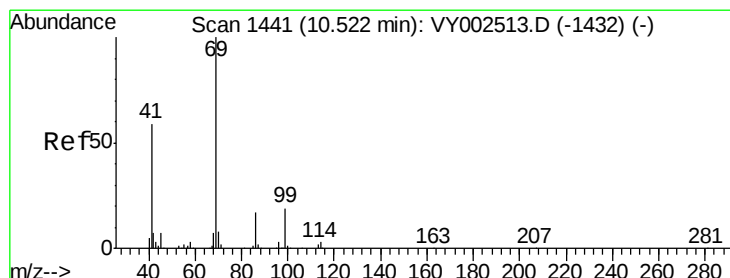
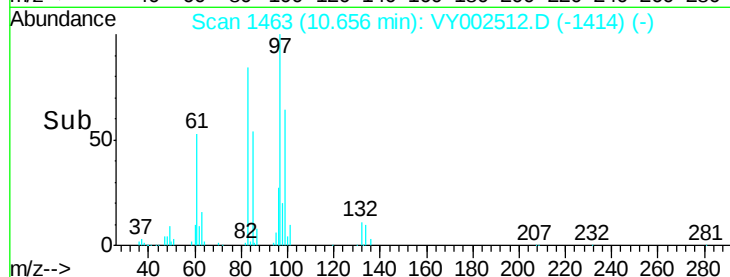
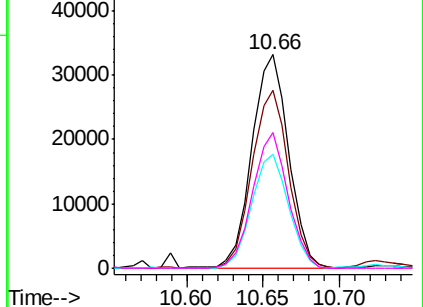


Abundance Ion 96.90 (96.60 to 97.60): VY0

Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

Ion 98.90 (98.60 to 99.60): VY0



#56

Ethyl methacrylate

Concen: 18.875 ug/l

RT: 10.52 min Scan# 1440

Delta R.T. -0.01 min

Lab File: VY002512.D

Acq: 30 Apr 2020 15:01

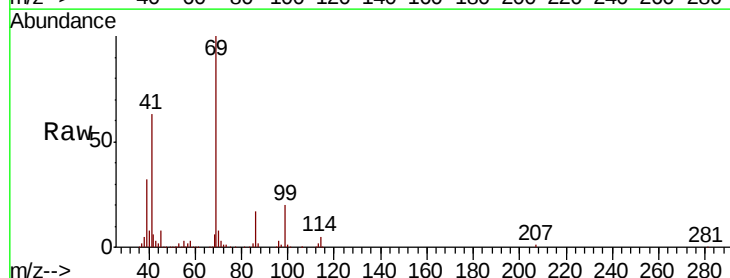
Tgt Ion: 69 Resp: 72732

Ion Ratio Lower Upper

69 100

41 60.7 48.6 73.0

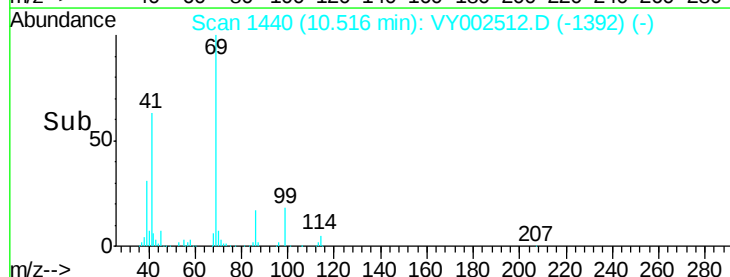
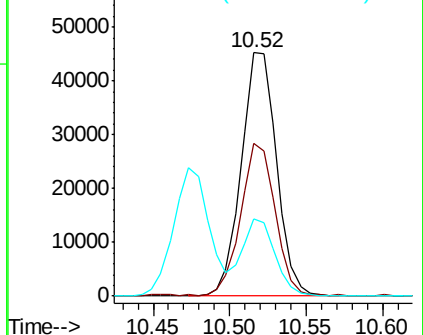
39 30.5 25.0 37.4

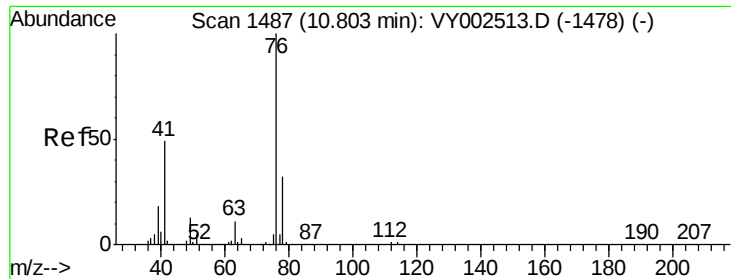


Abundance Ion 69.00 (68.70 to 69.70): VY0

Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

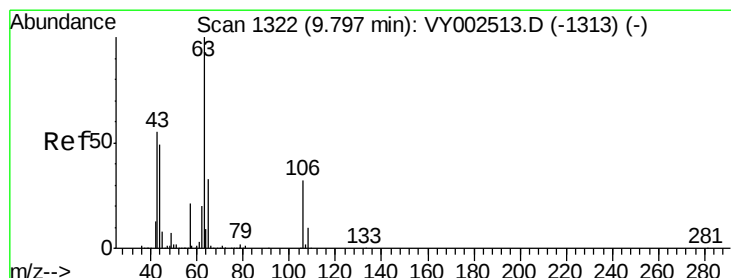
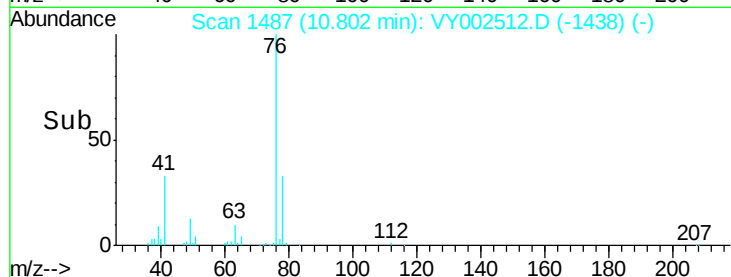
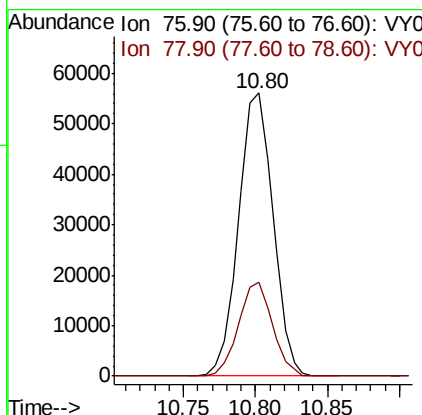
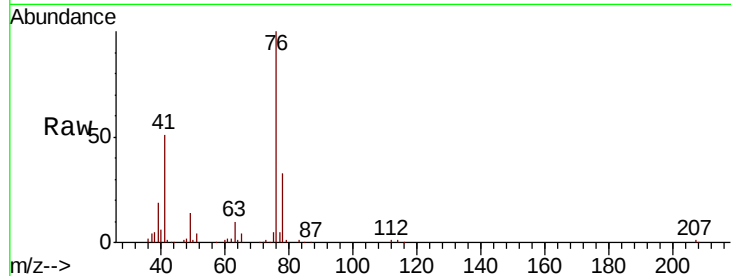




#57
 1,3-Dichloropropane
 Concen: 18.999 ug/l
 RT: 10.80 min Scan# 1487
 Delta R.T. -0.00 min
 Lab File: VY002512.D
 Acq: 30 Apr 2020 15:01

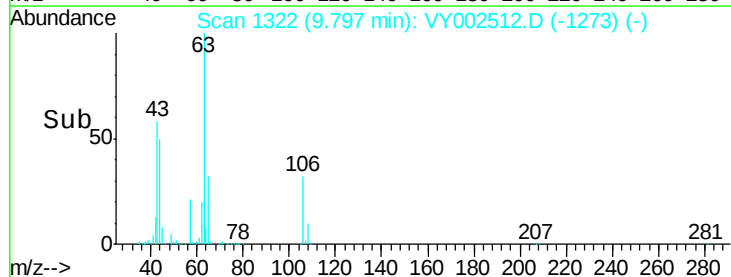
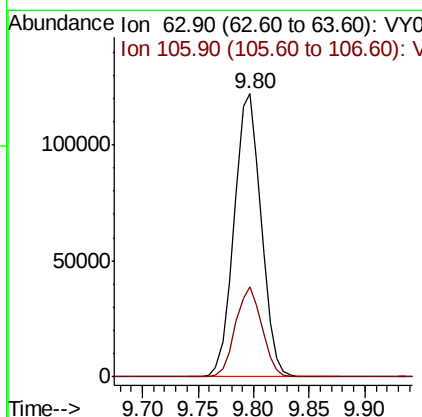
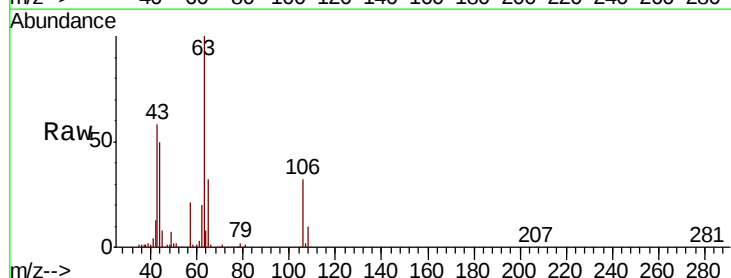
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

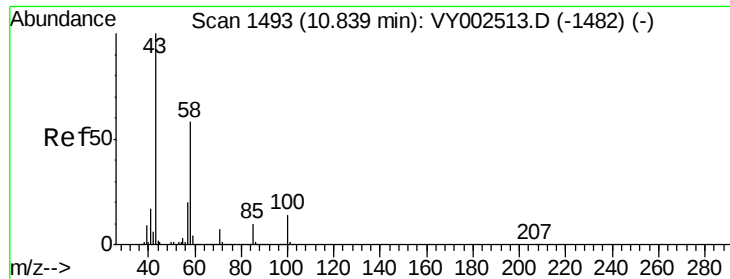
Tot Ion: 76 Resp: 93323
 Ion Ratio Lower Upper
 76 100
 78 32.6 25.4 38.2



#58
 2-Chloroethyl Vinyl ether
 Concen: 100.586 ug/l
 RT: 9.80 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VY002512.D
 Acq: 30 Apr 2020 15:01

Tgt Ion: 63 Resp: 204394
 Ion Ratio Lower Upper
 63 100
 106 30.9 25.2 37.8

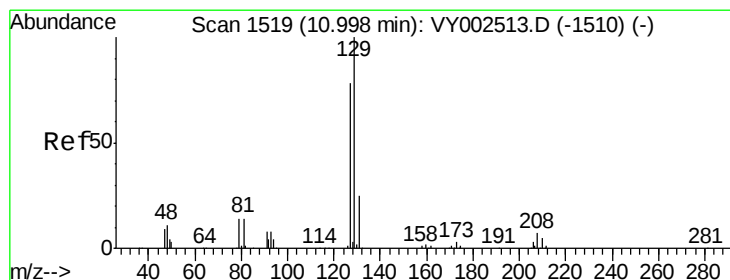
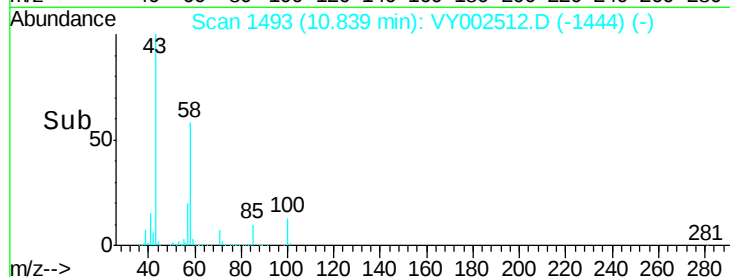
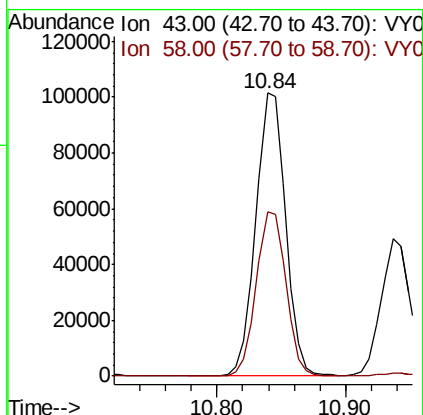
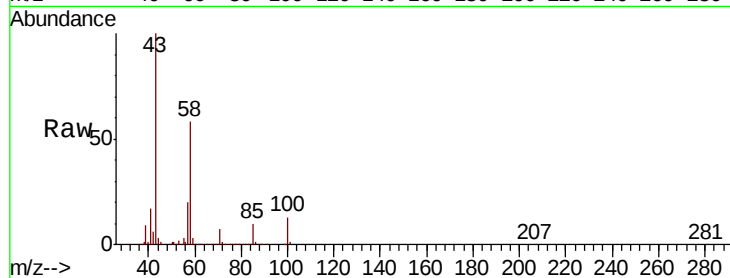




#59
2-Hexanone
Concen: 95.572 ug/l
RT: 10.84 min Scan# 1493
Delta R.T. -0.00 min
Lab File: VY002512.D
Acq: 30 Apr 2020 15:01

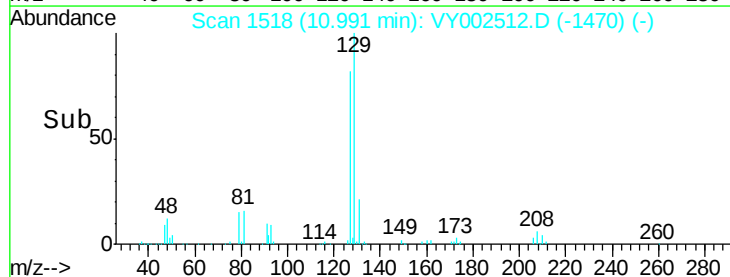
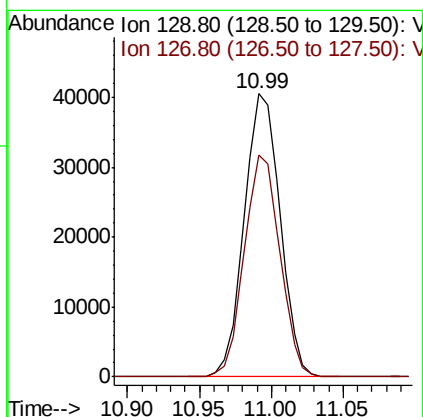
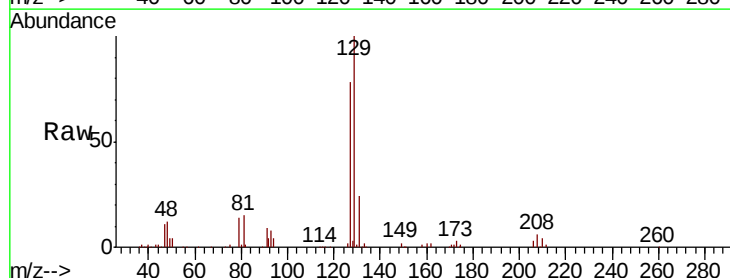
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tot Ion: 43 Resp: 161766
Ion Ratio Lower Upper
43 100
58 58.3 29.1 87.3



#60
Dibromochloromethane
Concen: 18.944 ug/l
RT: 10.99 min Scan# 1518
Delta R.T. -0.01 min
Lab File: VY002512.D
Acq: 30 Apr 2020 15:01

Tgt Ion: 129 Resp: 69789
Ion Ratio Lower Upper
129 100
127 77.7 39.0 117.0





#61

1,2-Dibromoethane

Concen: 19.313 ug/l

RT: 11.10 min Scan# 1535

Delta R.T. -0.01 min

Lab File: VY002512.D

Acq: 30 Apr 2020 15:01

Instrument :

MSVOA_Y

ClientSampleId :

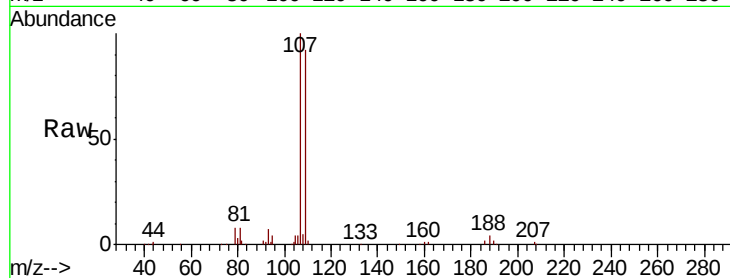
VSTDIC020

Tot Ion:107 Resp: 55390

Ion Ratio Lower Upper

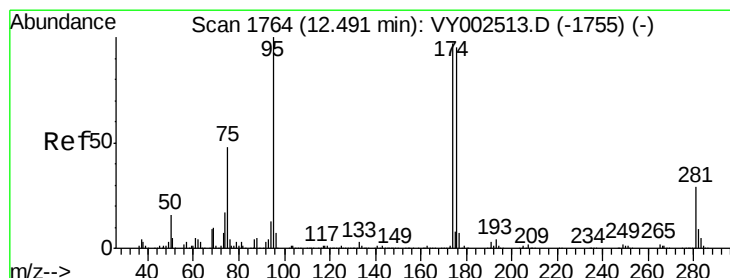
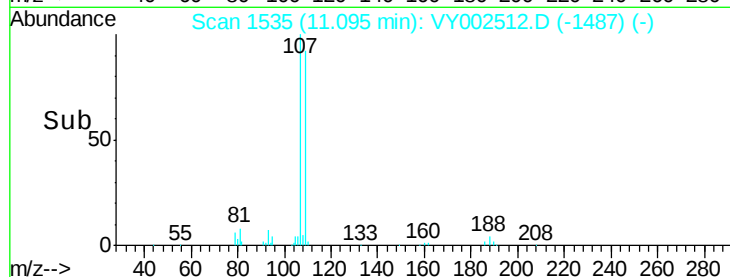
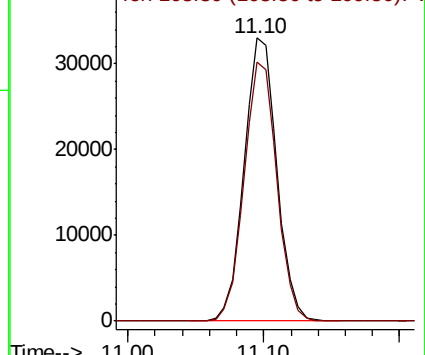
107 100

109 91.6 75.8 113.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 19.597 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. -0.00 min

Lab File: VY002512.D

Acq: 30 Apr 2020 15:01

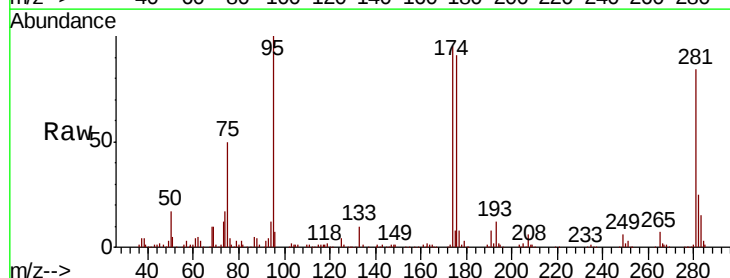
Tgt Ion: 95 Resp: 87740

Ion Ratio Lower Upper

95 100

174 92.5 0.0 188.8

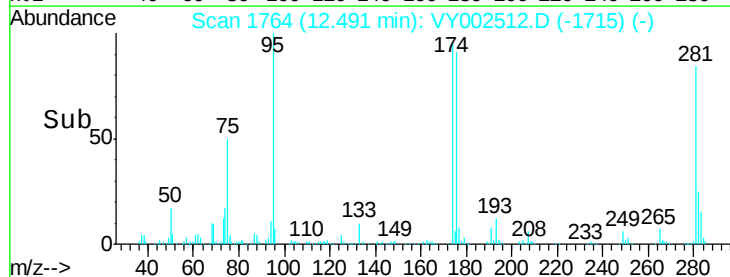
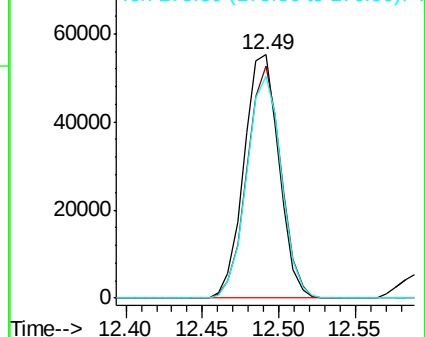
176 90.3 0.0 183.2

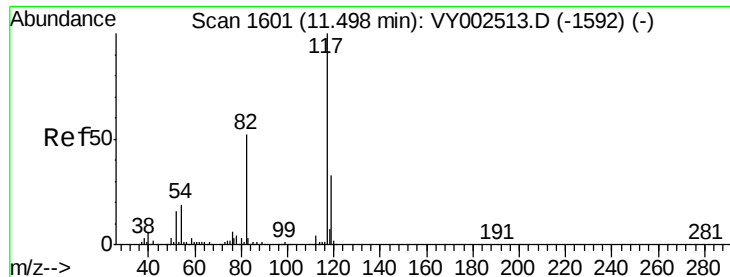


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

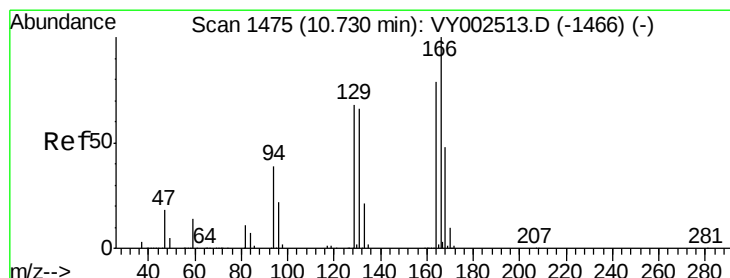
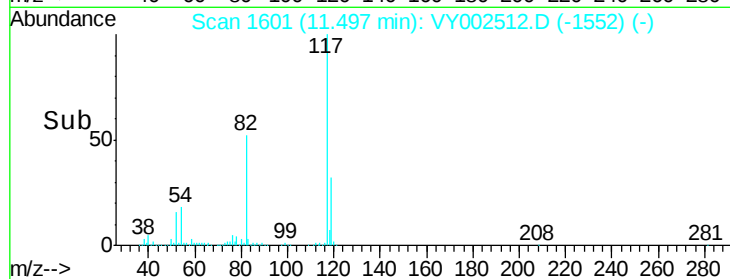
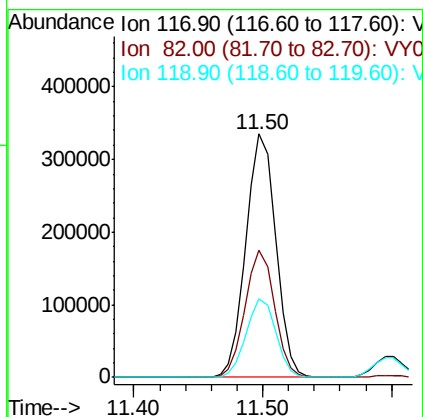
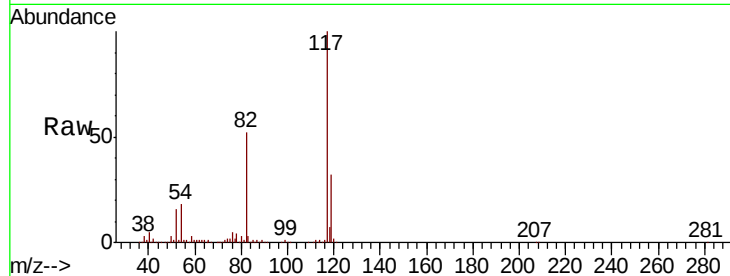




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VY002512.D
Acq: 30 Apr 2020 15:01

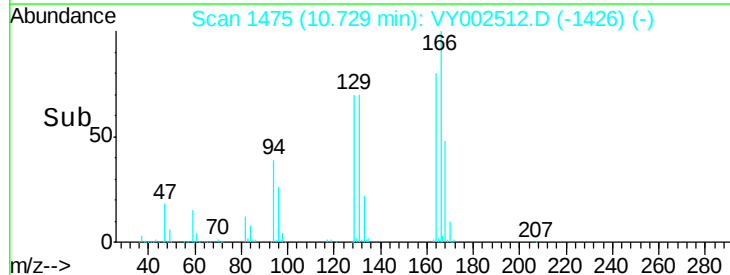
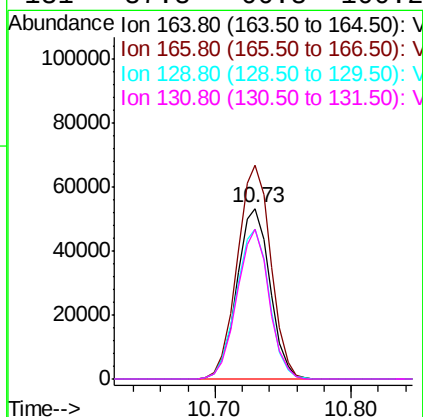
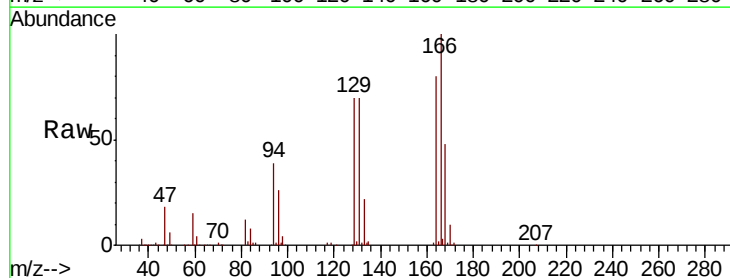
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

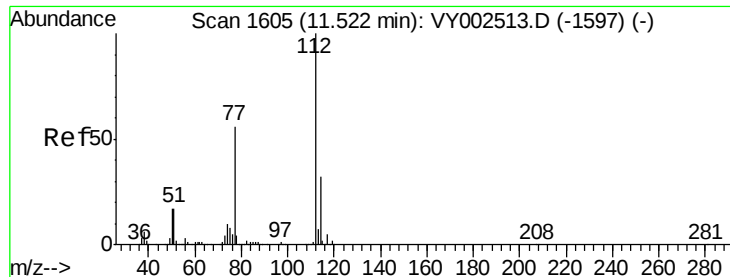
Tot Ion:117 Resp: 537112
Ion Ratio Lower Upper
117 100
82 52.2 41.3 61.9
119 32.4 26.0 39.0



#64
Tetrachloroethene
Concen: 18.893 ug/l
RT: 10.73 min Scan# 1475
Delta R.T. -0.00 min
Lab File: VY002512.D
Acq: 30 Apr 2020 15:01

Tgt Ion:164 Resp: 90160
Ion Ratio Lower Upper
164 100
166 125.3 100.7 151.1
129 87.7 68.3 102.5
131 87.8 66.8 100.2





#65

Chlorobenzene

Concen: 18.793 ug/l

RT: 11.52 min Scan# 1605

Delta R.T. -0.00 min

Lab File: VY002512.D

Acq: 30 Apr 2020 15:01

Instrument :

MSVOA_Y

ClientSampleId :

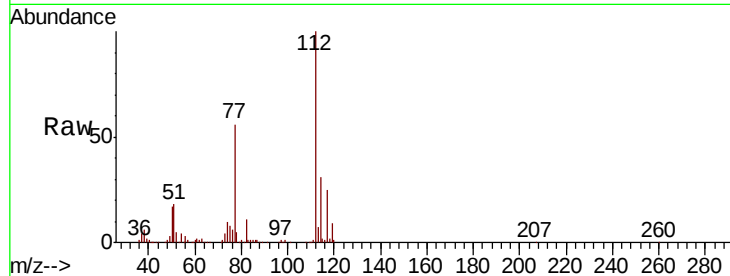
VSTDIC020

Tot Ion:112 Resp: 191881

Ion Ratio Lower Upper

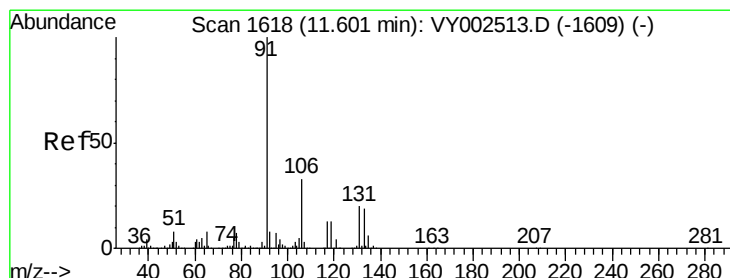
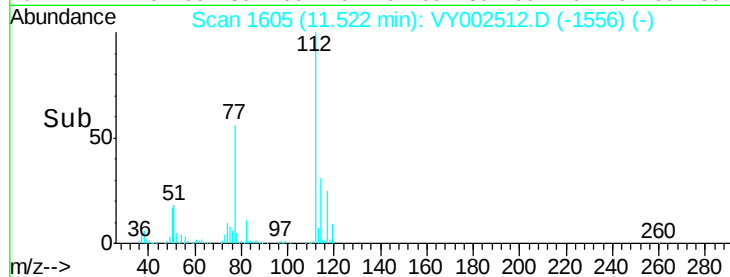
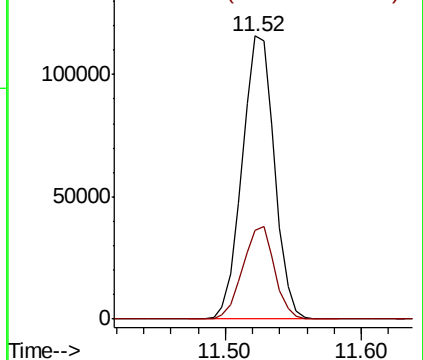
112 100

114 31.3 25.8 38.6



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 18.859 ug/l

RT: 11.60 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VY002512.D

Acq: 30 Apr 2020 15:01

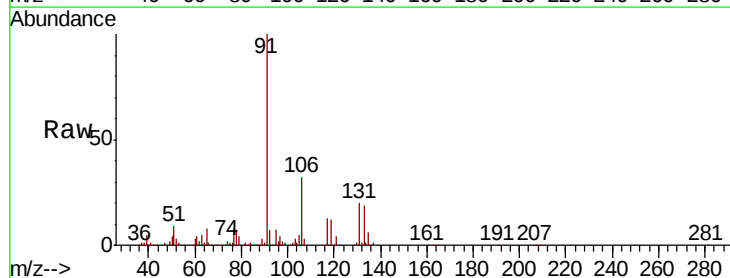
Tgt Ion:131 Resp: 71480

Ion Ratio Lower Upper

131 100

133 97.2 48.1 144.4

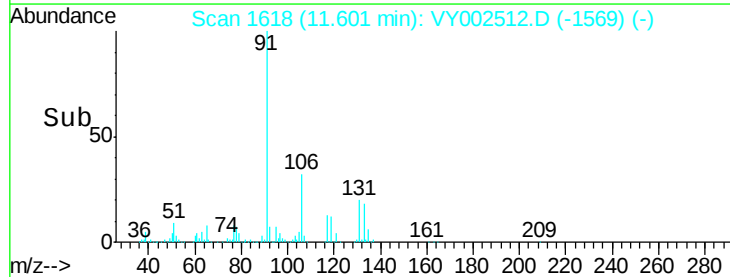
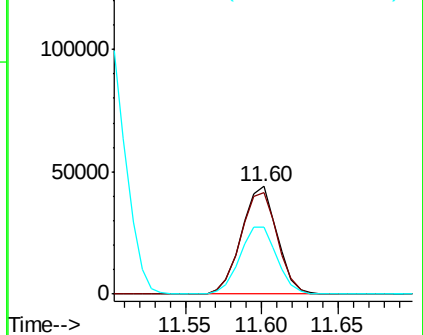
119 64.6 31.6 95.0

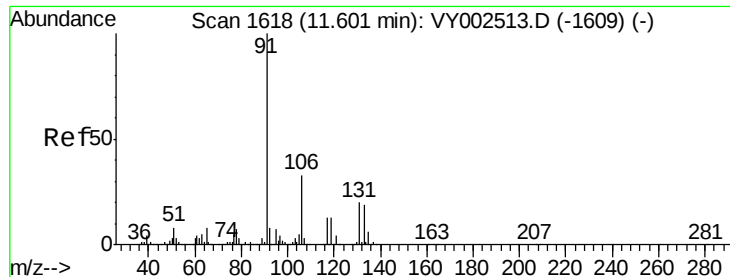


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

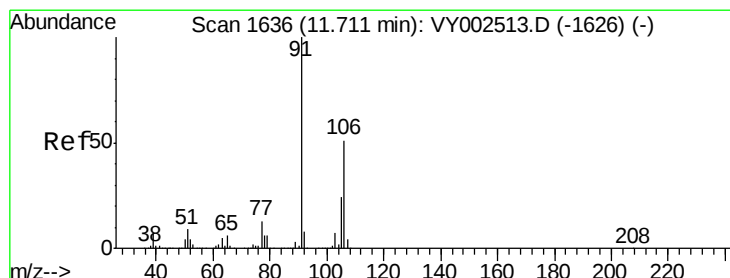
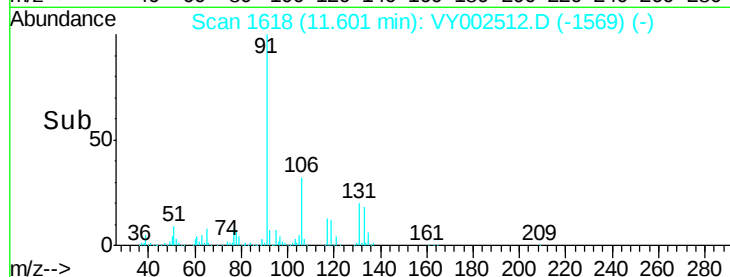
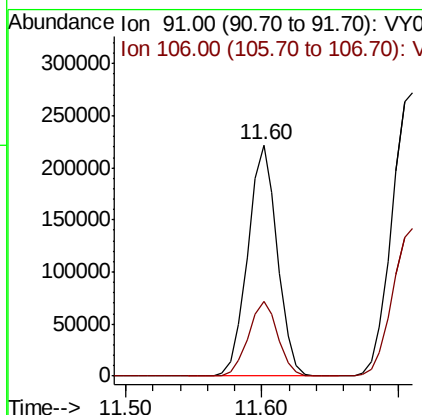
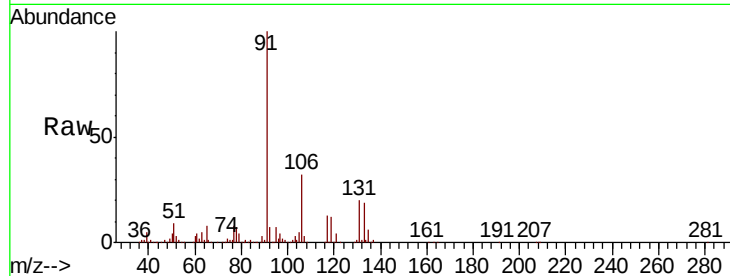




#67
Ethyl Benzene
Concen: 18.757 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VY002512.D
Acq: 30 Apr 2020 15:01

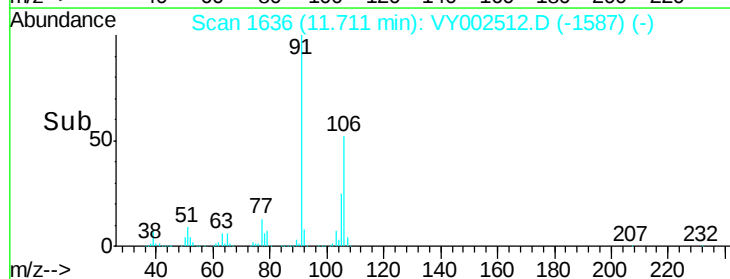
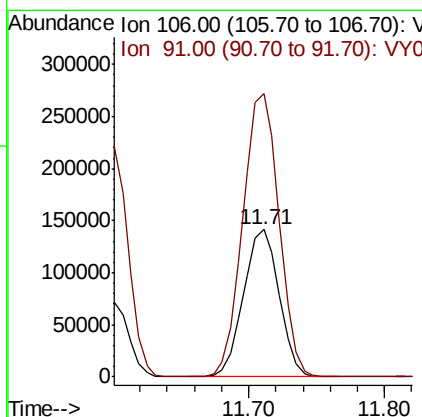
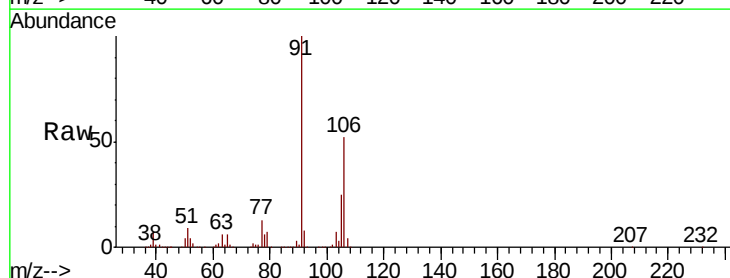
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tot Ion: 91 Resp: 336410
Ion Ratio Lower Upper
91 100
106 32.3 26.1 39.1



#68
m/p-Xylenes
Concen: 37.557 ug/l
RT: 11.71 min Scan# 1636
Delta R.T. -0.00 min
Lab File: VY002512.D
Acq: 30 Apr 2020 15:01

Tgt Ion: 106 Resp: 260630
Ion Ratio Lower Upper
106 100
91 194.8 155.2 232.8

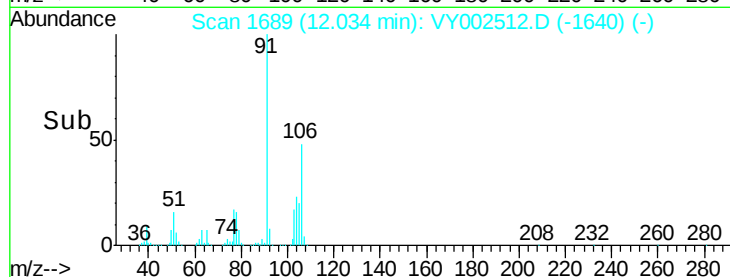
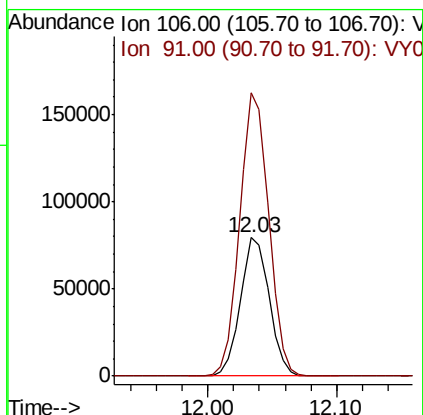
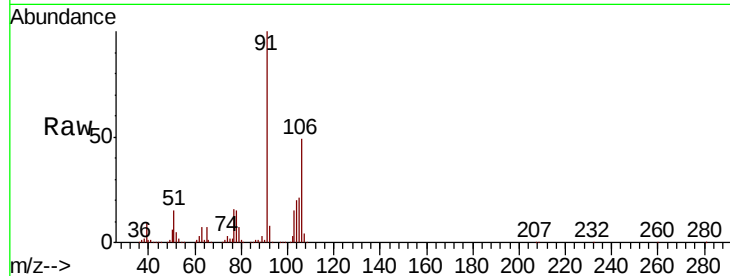




#69
o-Xylene
Concen: 18.853 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. -0.00 min
Lab File: VY002512.D
Acq: 30 Apr 2020 15:01

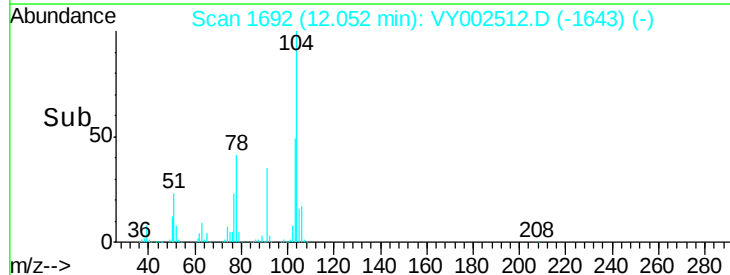
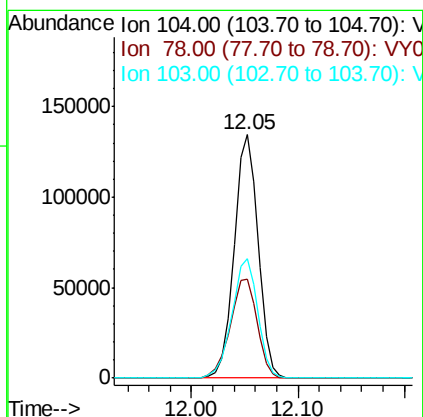
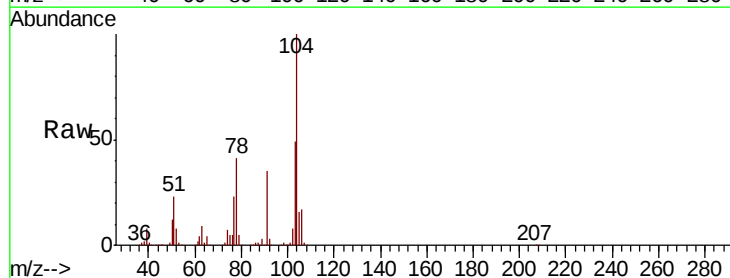
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

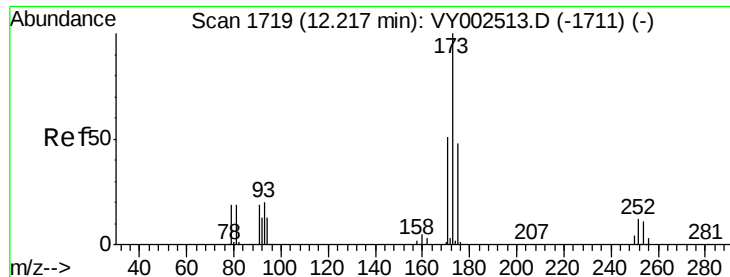
Tot Ion:106 Resp: 122503
Ion Ratio Lower Upper
106 100
91 206.1 103.8 311.3



#70
Styrene
Concen: 19.017 ug/l
RT: 12.05 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VY002512.D
Acq: 30 Apr 2020 15:01

Tgt Ion:104 Resp: 211238
Ion Ratio Lower Upper
104 100
78 46.2 37.4 56.0
103 53.3 43.9 65.9





#71

Bromoform

Concen: 18.992 ug/l

RT: 12.22 min Scan# 1719

Delta R.T. -0.00 min

Lab File: VY002512.D

Acq: 30 Apr 2020 15:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

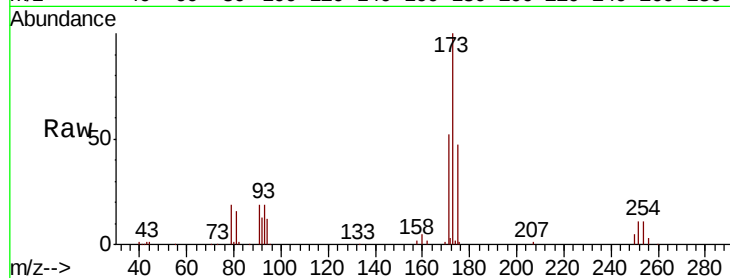
Tot Ion:173 Resp: 44677

Ion Ratio Lower Upper

173 100

175 48.8 24.3 72.8

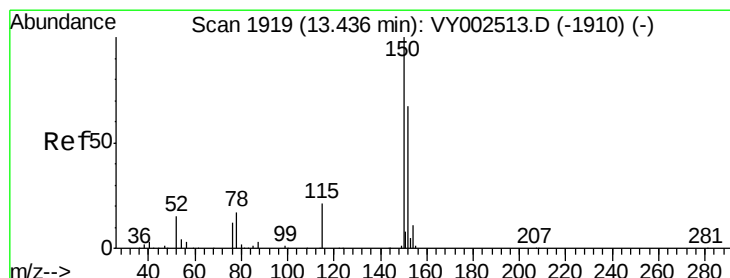
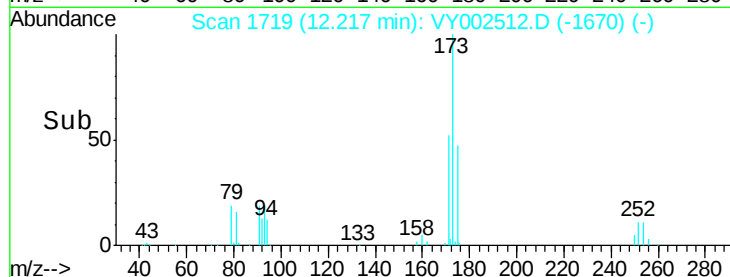
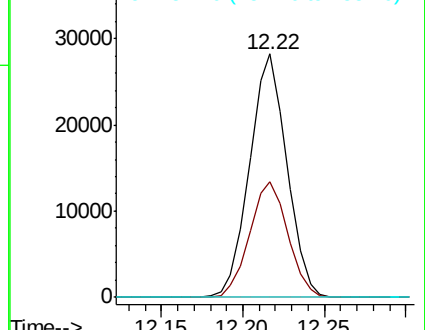
254 0.0 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.43 min Scan# 1918

Delta R.T. -0.01 min

Lab File: VY002512.D

Acq: 30 Apr 2020 15:01

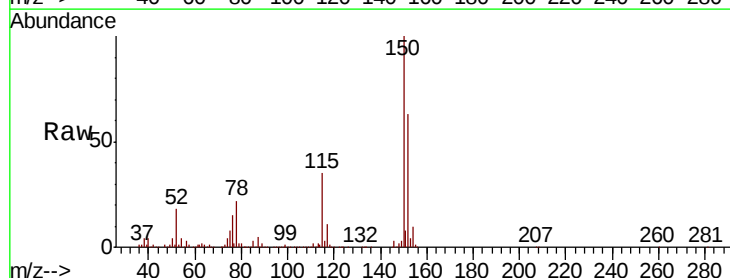
Tgt Ion:152 Resp: 277878

Ion Ratio Lower Upper

152 100

115 54.3 27.5 82.4

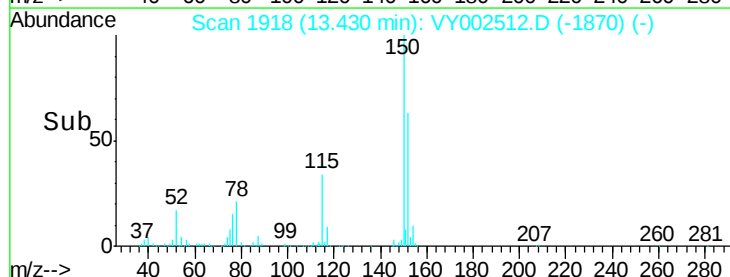
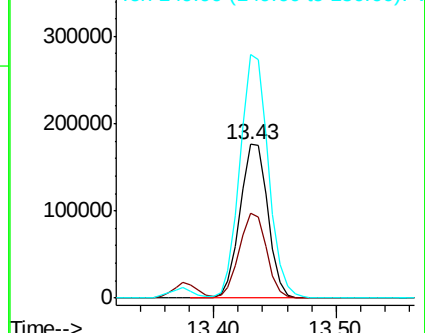
150 161.2 0.0 346.4

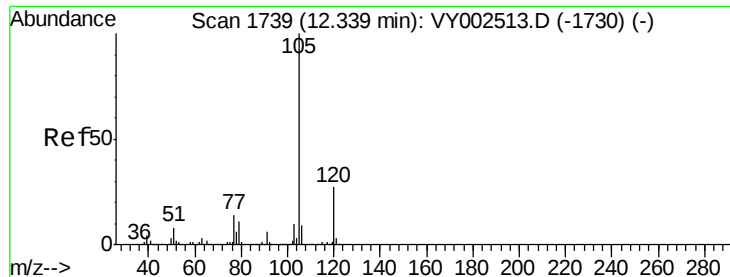


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 18.700 ug/l

RT: 12.34 min Scan# 1739

Delta R.T. -0.00 min

Lab File: VY002512.D

Acq: 30 Apr 2020 15:01

Instrument :

MSVOA_Y

ClientSampleId :

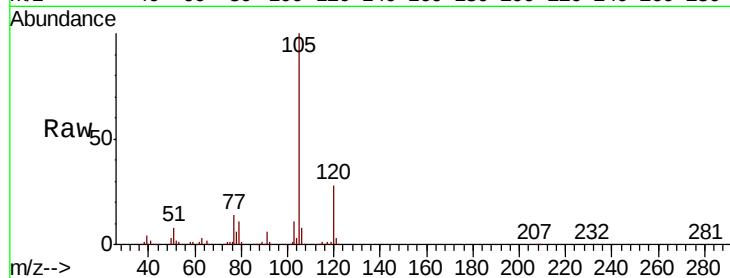
VSTDIC020

Tot Ion:105 Resp: 336769

Ion Ratio Lower Upper

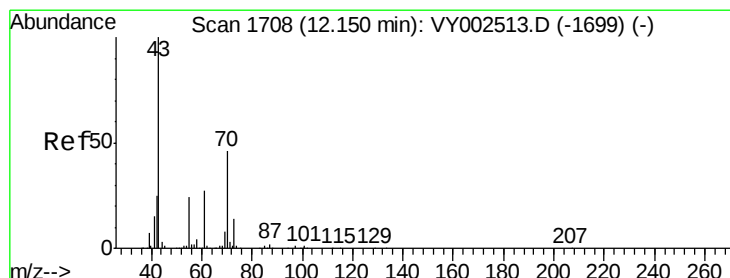
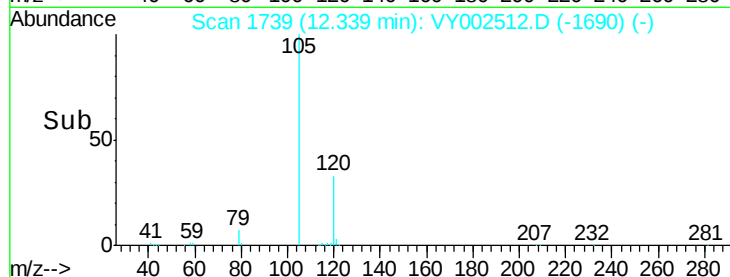
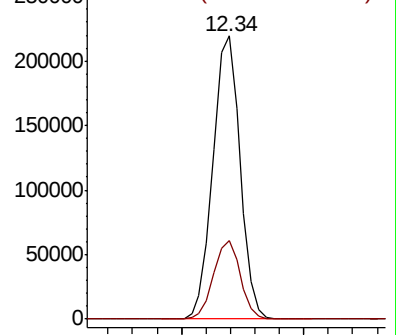
105 100

120 27.4 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: 18.754 ug/l

RT: 12.15 min Scan# 1708

Delta R.T. -0.00 min

Lab File: VY002512.D

Acq: 30 Apr 2020 15:01

Tgt Ion: 43 Resp: 81246

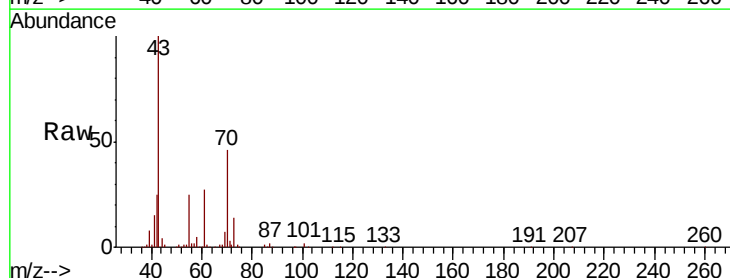
Ion Ratio Lower Upper

43 100

70 46.2 36.7 55.1

55 25.2 19.2 28.8

61 26.2 21.1 31.7

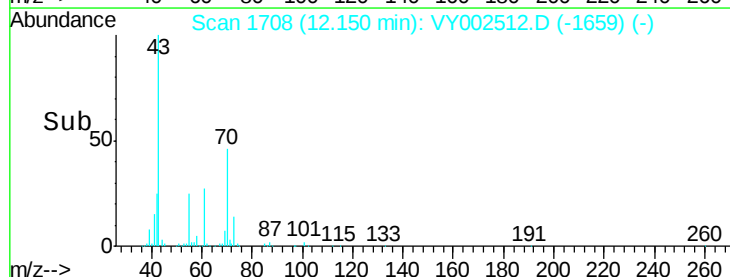
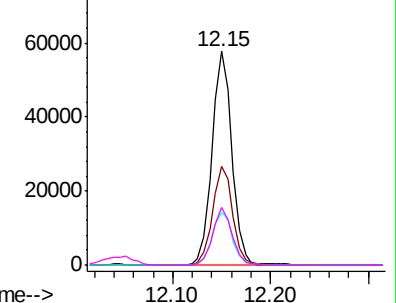


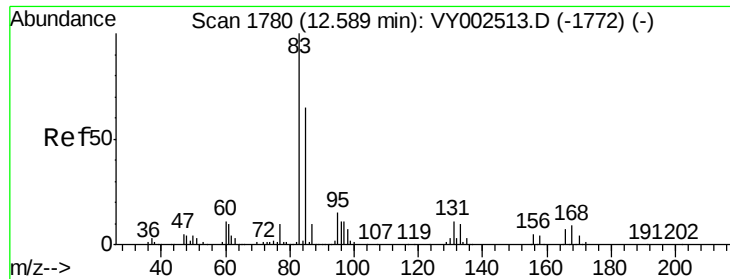
Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0





#75

1,1,2,2-Tetrachloroethane

Concen: 18.723 ug/l

RT: 12.59 min Scan# 1780

Delta R.T. -0.00 min

Lab File: VY002512.D

Acq: 30 Apr 2020 15:01

Instrument :

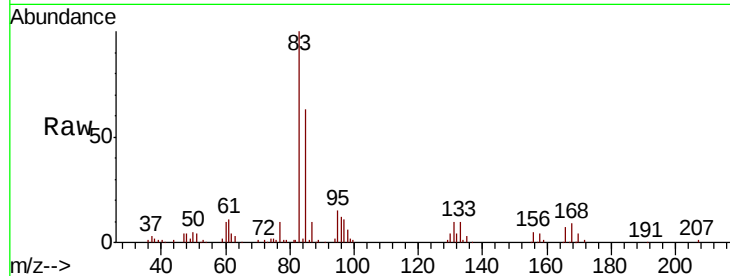
MSVOA_Y

ClientSampleId :

VSTDIC020

Tot Ion: 83 Resp: 53626

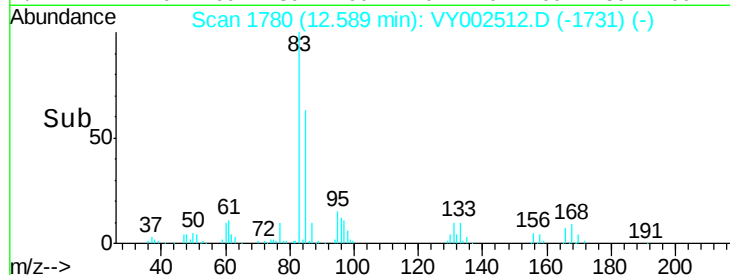
Ion	Ratio	Lower	Upper
83	100		
131	11.5	5.9	17.8
85	63.6	31.9	95.9



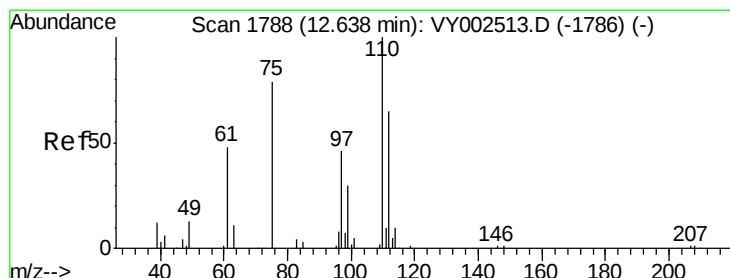
Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 130.80 (130.50 to 131.50): VY0

Ion 84.90 (84.60 to 85.60): VY0



Time--> 12.50 12.55 12.60 12.65



#76

1,2,3-Trichloropropane

Concen: 19.279 ug/l m

RT: 12.64 min Scan# 1789

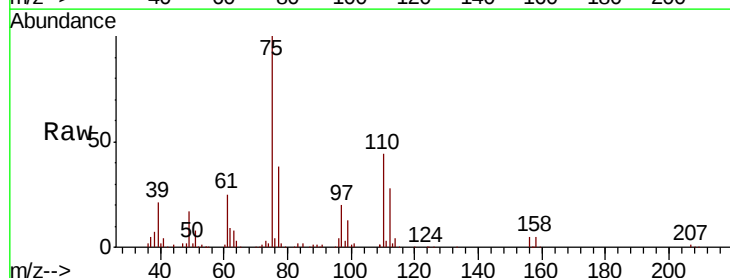
Delta R.T. 0.01 min

Lab File: VY002512.D

Acq: 30 Apr 2020 15:01

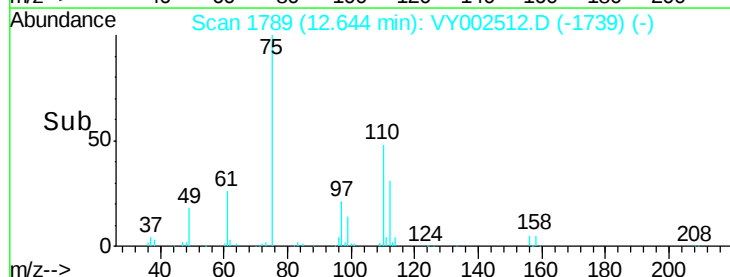
Tgt Ion: 75 Resp: 47820

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



Time--> 12.65



#77

Bromobenzene

Concen: 18.662 ug/l

RT: 12.61 min Scan# 1784

Delta R.T. -0.00 min

Lab File: VY002512.D

Acq: 30 Apr 2020 15:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

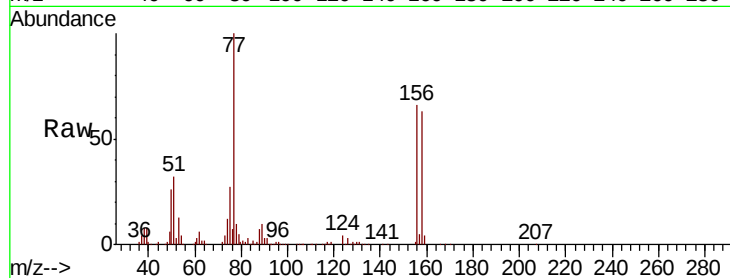
Tot Ion:156 Resp: 83968

Ion Ratio Lower Upper

156 100

77 168.5 82.0 245.8

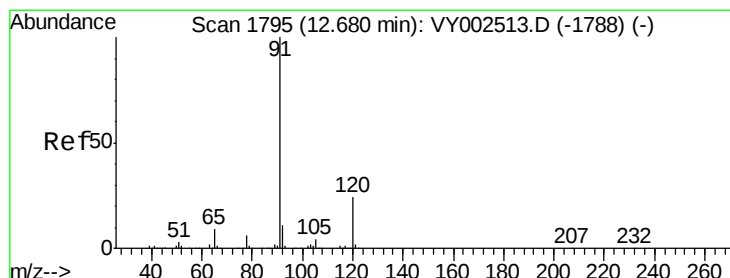
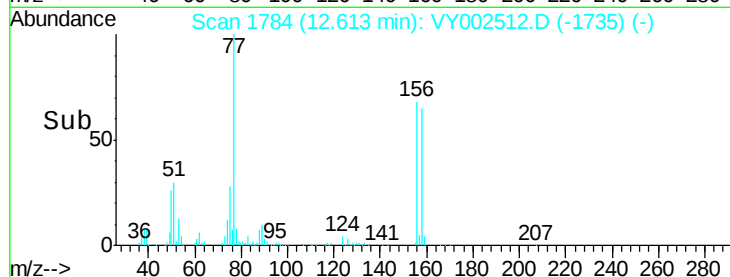
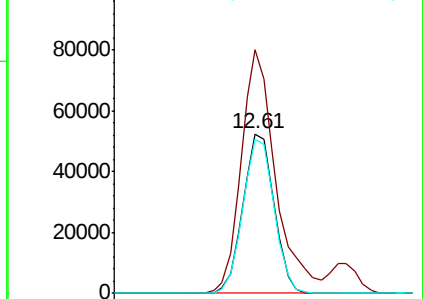
158 97.2 48.5 145.6



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: 18.786 ug/l

RT: 12.68 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VY002512.D

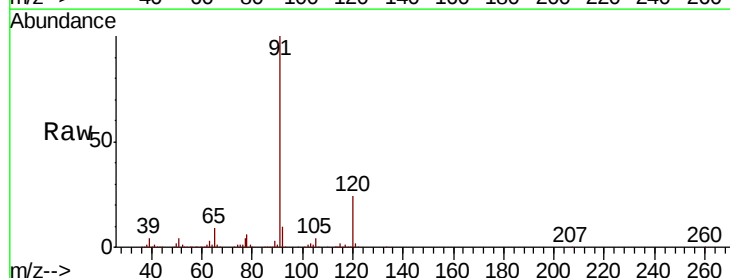
Acq: 30 Apr 2020 15:01

Tgt Ion: 91 Resp: 392604

Ion Ratio Lower Upper

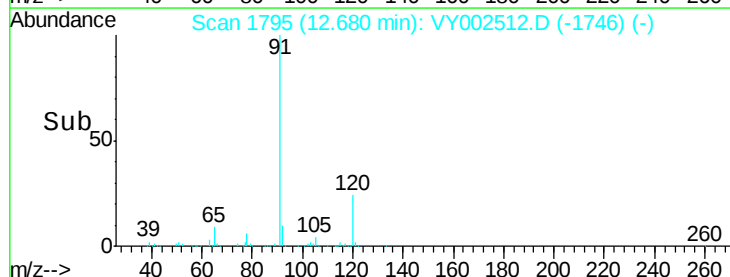
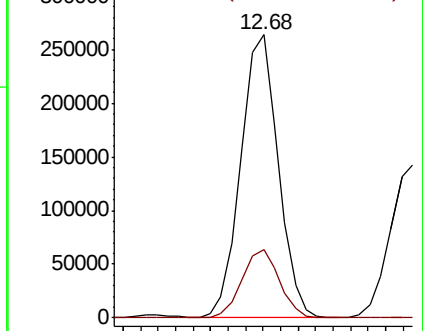
91 100

120 24.1 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: 18.810 ug/l

RT: 12.77 min Scan# 1809

Delta R.T. -0.00 min

Lab File: VY002512.D

Acq: 30 Apr 2020 15:01

Instrument :

MSVOA_Y

ClientSampleId :

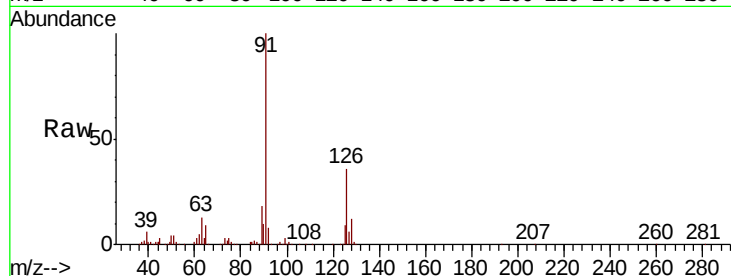
VSTDIC020

Tot Ion: 91 Resp: 217753

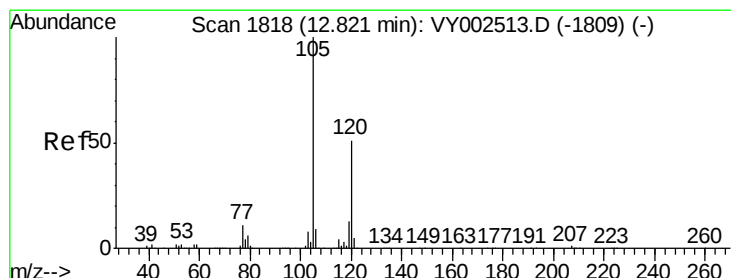
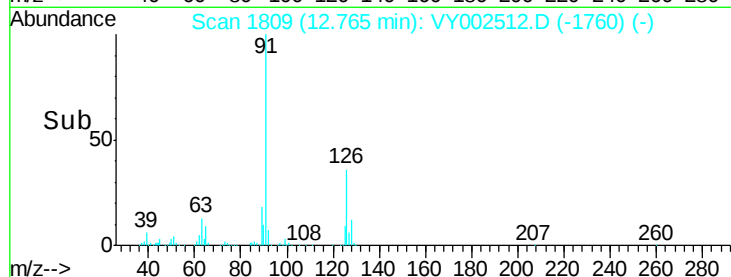
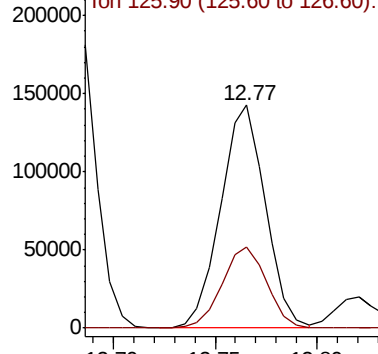
Ion Ratio Lower Upper

91 100

126 36.3 18.4 55.2



Abundance Ion 91.00 (90.70 to 91.70): VY002512.D (-1760) (-)



#80

1,3,5-Trimethylbenzene

Concen: 18.842 ug/l

RT: 12.82 min Scan# 1818

Delta R.T. -0.00 min

Lab File: VY002512.D

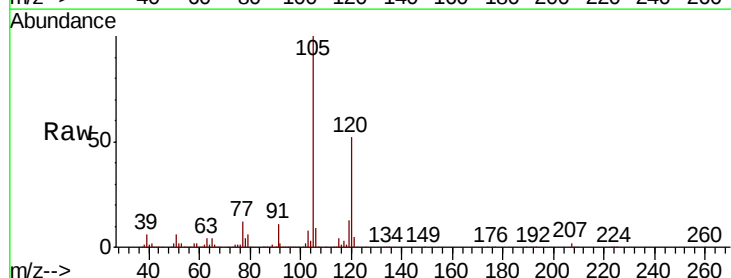
Acq: 30 Apr 2020 15:01

Tgt Ion:105 Resp: 281270

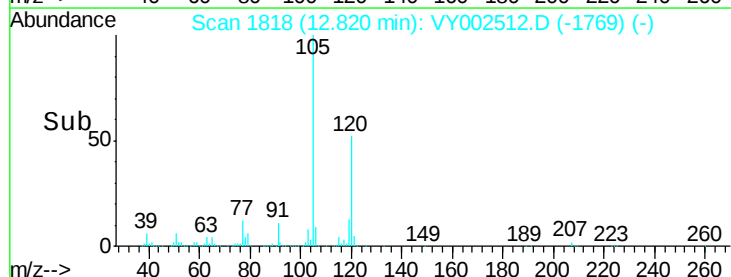
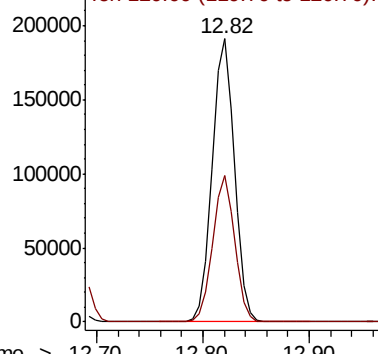
Ion Ratio Lower Upper

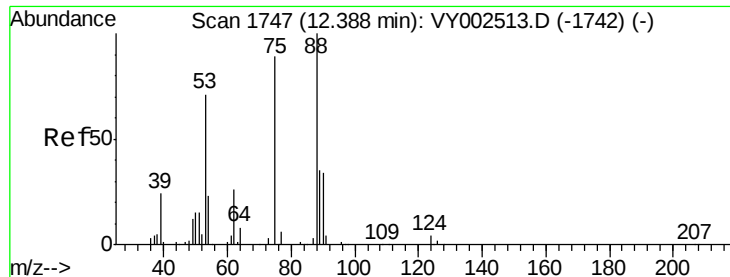
105 100

120 51.0 25.3 75.9



Abundance Ion 105.00 (104.70 to 105.70): VY002512.D (-1769) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 18.719 ug/l

RT: 12.39 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VY002512.D

Acq: 30 Apr 2020 15:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

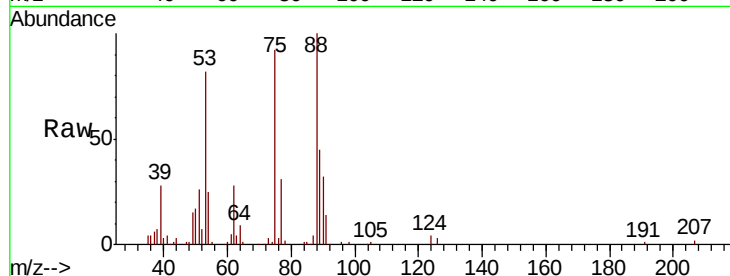
Tot Ion: 75 Resp: 23053

Ion Ratio Lower Upper

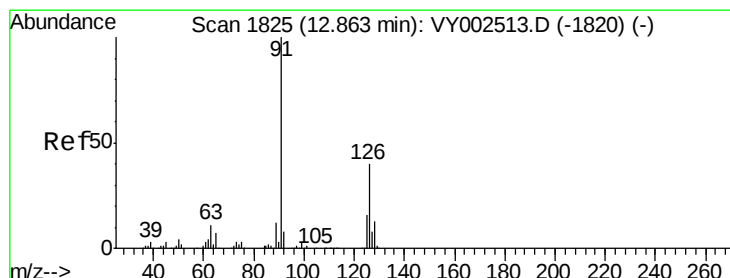
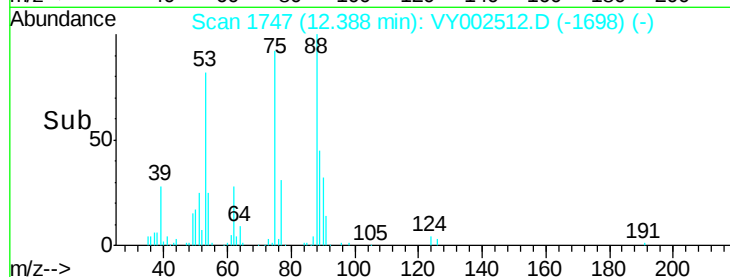
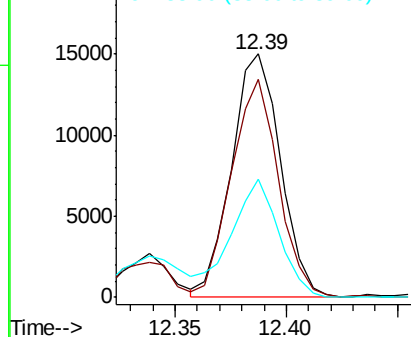
75 100

53 86.2 67.4 101.0

89 48.1 37.4 56.0



Abundance Ion 74.90 (74.60 to 75.60): VY0
Ion 53.00 (52.70 to 53.70): VY0
Ion 88.90 (88.60 to 89.60): VY0



#82

4-Chlorotoluene

Concen: 18.857 ug/l

RT: 12.86 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VY002512.D

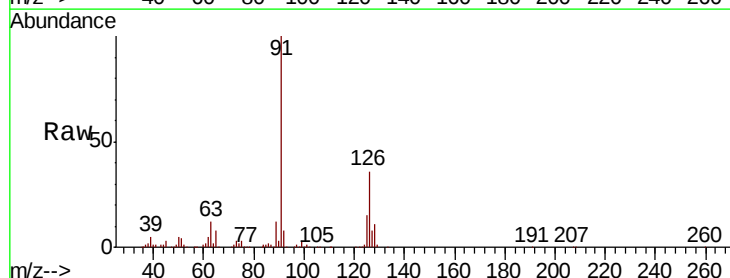
Acq: 30 Apr 2020 15:01

Tgt Ion: 91 Resp: 229315

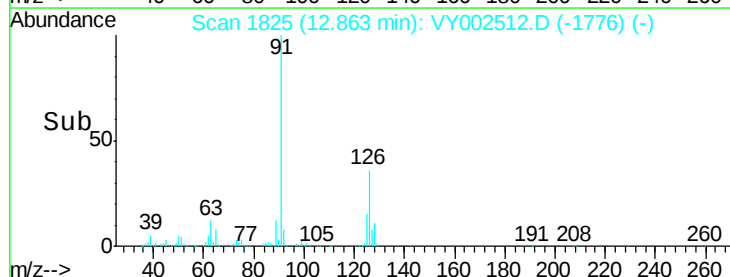
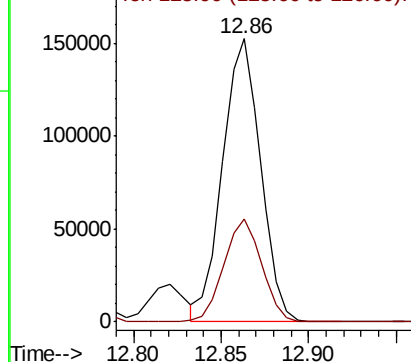
Ion Ratio Lower Upper

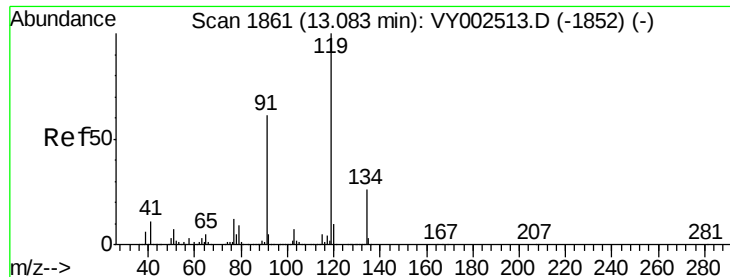
91 100

126 36.2 18.5 55.5



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





#83

tert-Butylbenzene

Concen: 18.883 ug/l

RT: 13.08 min Scan# 1861

Delta R.T. -0.00 min

Lab File: VY002512.D

Acq: 30 Apr 2020 15:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

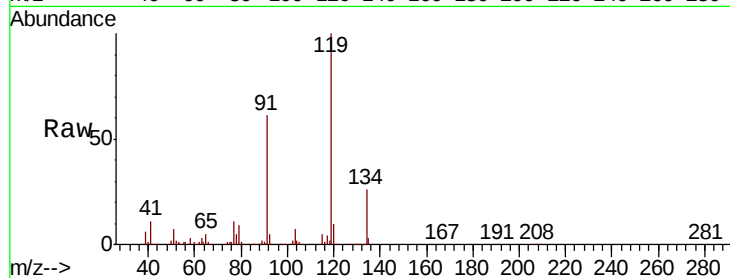
Tot Ion:119 Resp: 247168

Ion Ratio Lower Upper

119 100

91 61.2 30.6 91.6

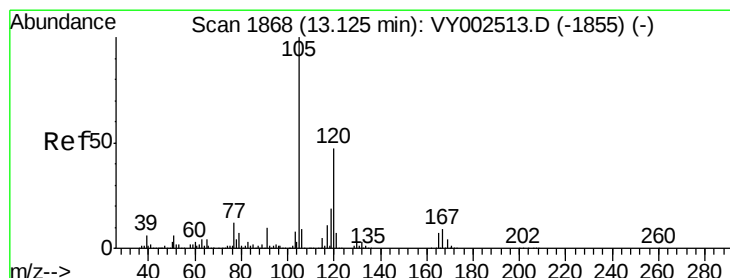
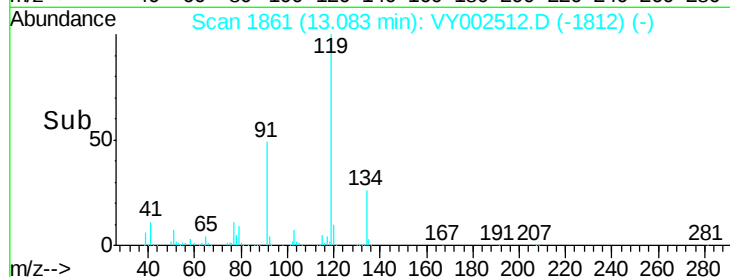
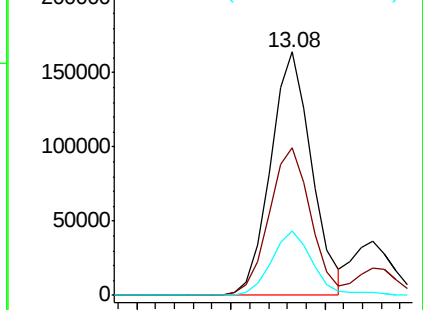
134 27.0 13.5 40.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VY0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 18.919 ug/l

RT: 13.13 min Scan# 1868

Delta R.T. -0.00 min

Lab File: VY002512.D

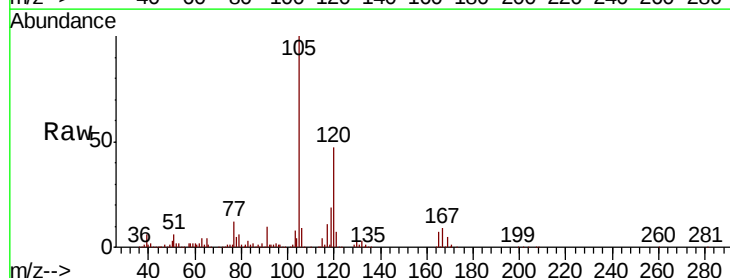
Acq: 30 Apr 2020 15:01

Tgt Ion:105 Resp: 281463

Ion Ratio Lower Upper

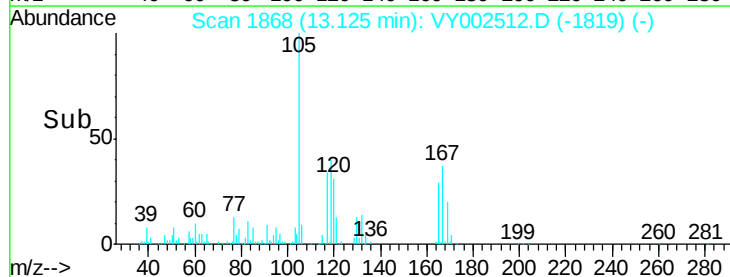
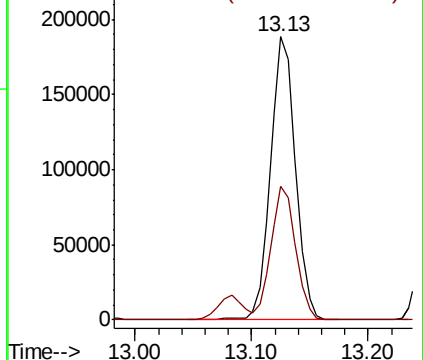
105 100

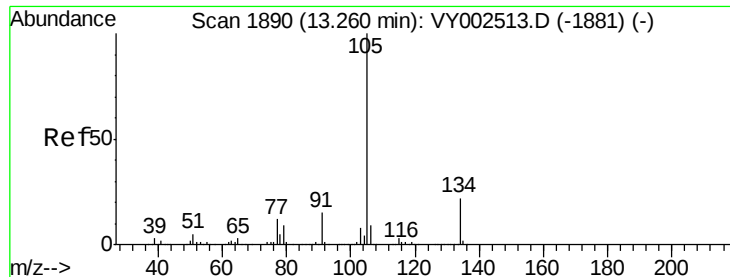
120 46.4 23.4 70.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 18.848 ug/l

RT: 13.26 min Scan# 1890

Delta R.T. -0.00 min

Lab File: VY002512.D

Acq: 30 Apr 2020 15:01

Instrument :

MSVOA_Y

ClientSampleId :

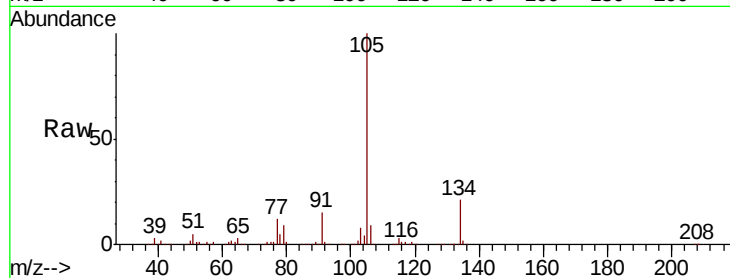
VSTDIC020

Tot Ion:105 Resp: 342340

Ion Ratio Lower Upper

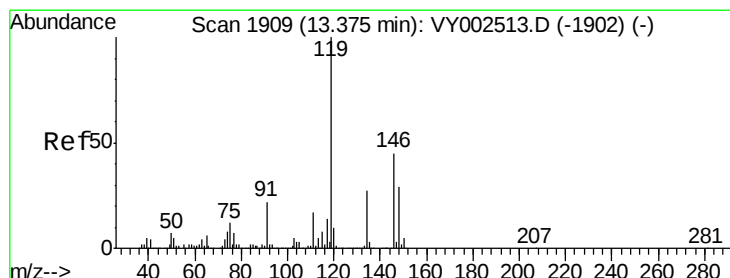
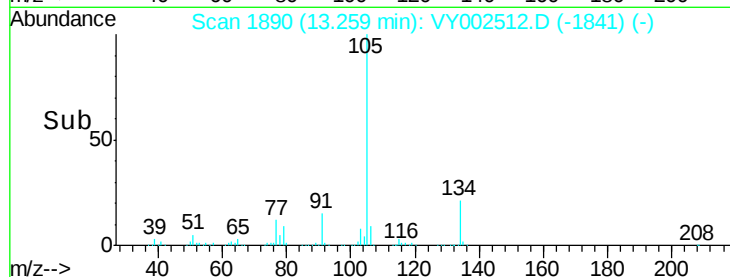
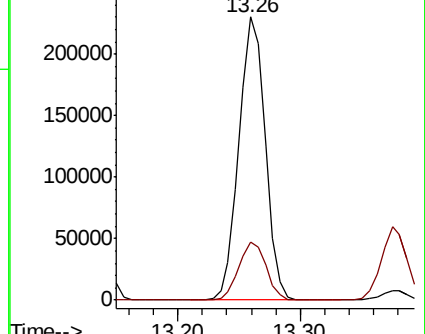
105 100

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: 18.869 ug/l

RT: 13.38 min Scan# 1909

Delta R.T. -0.00 min

Lab File: VY002512.D

Acq: 30 Apr 2020 15:01

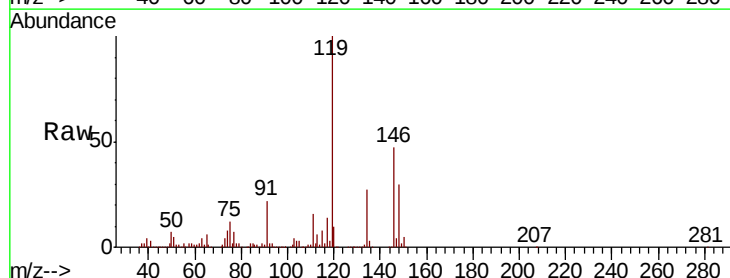
Tgt Ion:119 Resp: 321118

Ion Ratio Lower Upper

119 100

134 27.1 13.5 40.5

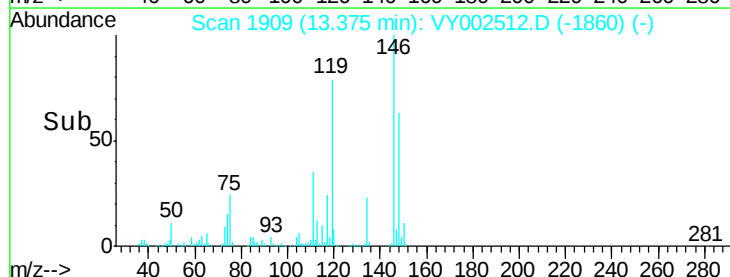
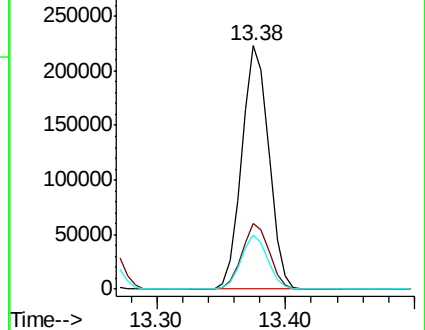
91 21.9 10.9 32.9



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





#87

1,3-Dichlorobenzene

Concen: 18.886 ug/l

RT: 13.38 min Scan# 1909

Delta R.T. -0.00 min

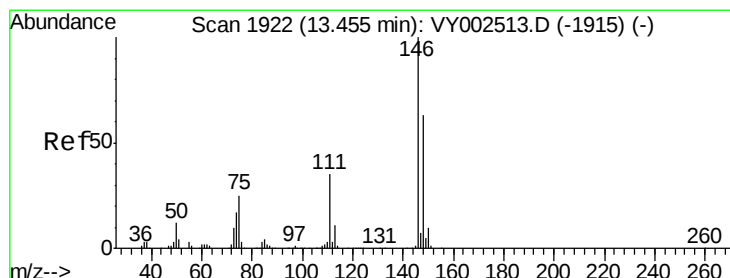
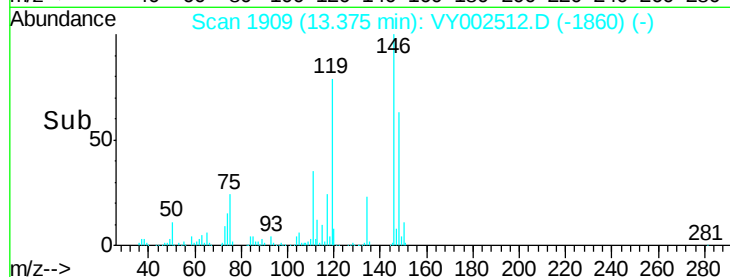
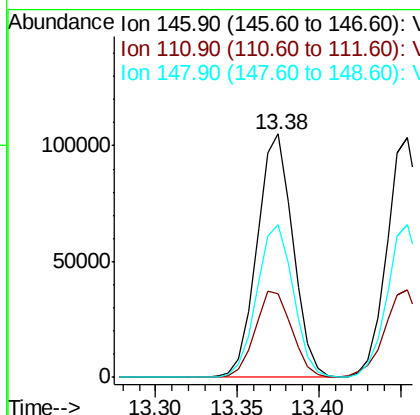
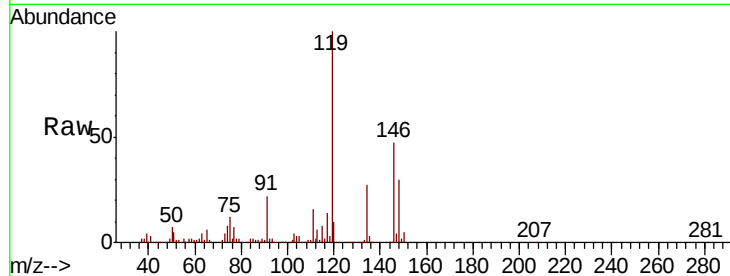
Lab File: VY002512.D

Acq: 30 Apr 2020 15:01

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tot Ion:146 Resp: 160832

Ion	Ratio	Lower	Upper
146	100		
111	36.4	18.8	56.3
148	63.5	32.1	96.3



#88

1,4-Dichlorobenzene

Concen: 18.895 ug/l

RT: 13.45 min Scan# 1922

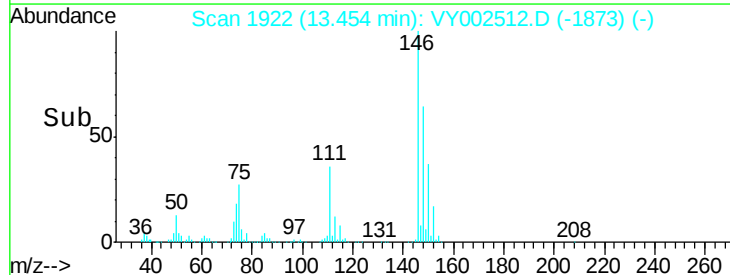
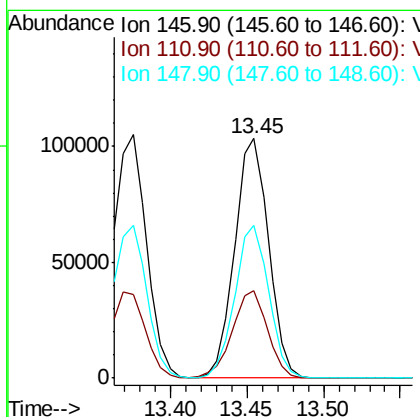
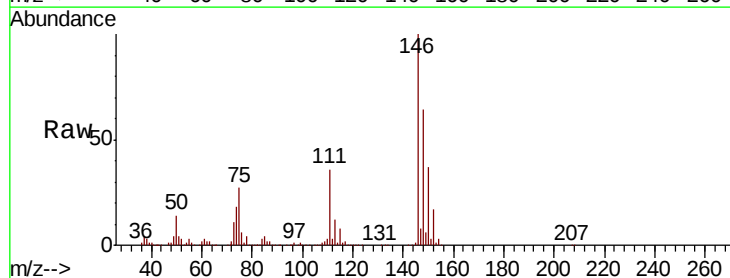
Delta R.T. -0.00 min

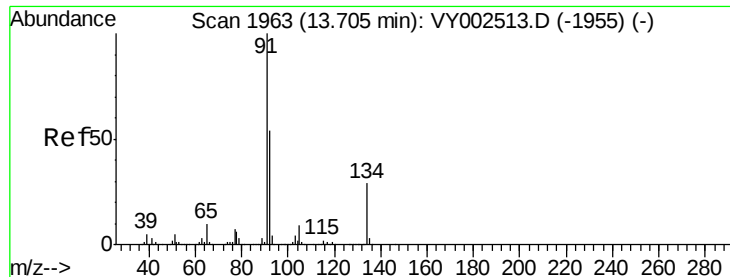
Lab File: VY002512.D

Acq: 30 Apr 2020 15:01

Tgt Ion:146 Resp: 159332

Ion	Ratio	Lower	Upper
146	100		
111	37.9	18.1	54.1
148	63.7	31.9	95.5





#89

n-Butylbenzene

Concen: 18.833 ug/l

RT: 13.70 min Scan# 1963

Delta R.T. -0.00 min

Lab File: VY002512.D

Acq: 30 Apr 2020 15:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

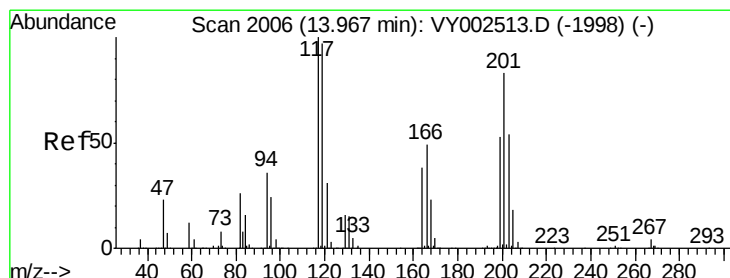
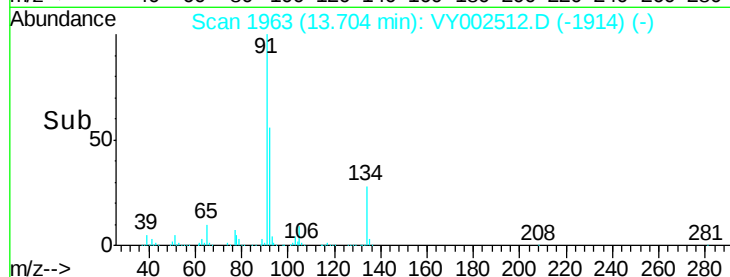
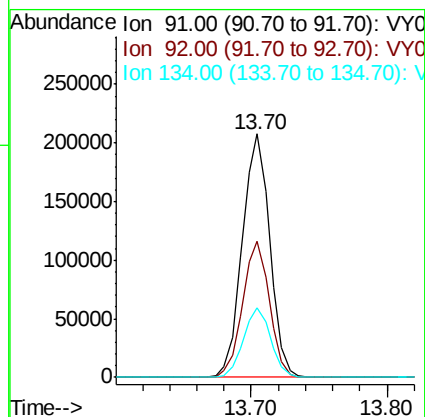
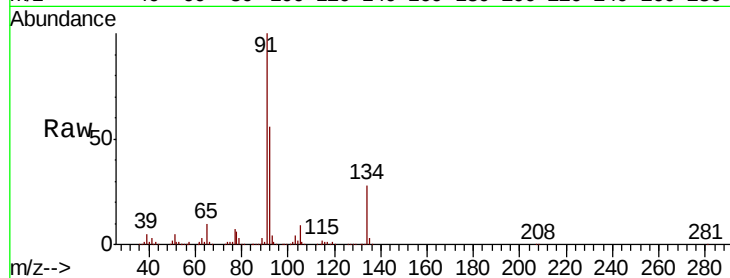
Tot Ion: 91 Resp: 291780

Ion Ratio Lower Upper

91 100

92 54.8 27.1 81.3

134 28.4 14.4 43.0



#90

Hexachloroethane

Concen: 18.619 ug/l

RT: 13.97 min Scan# 2006

Delta R.T. -0.00 min

Lab File: VY002512.D

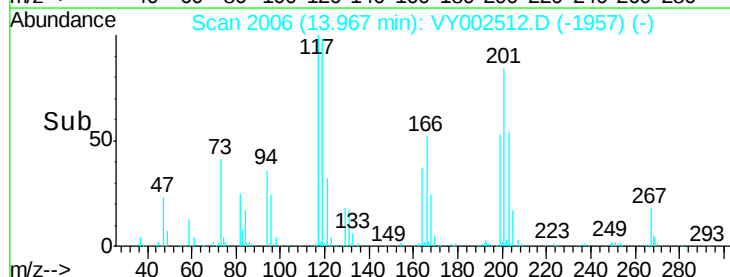
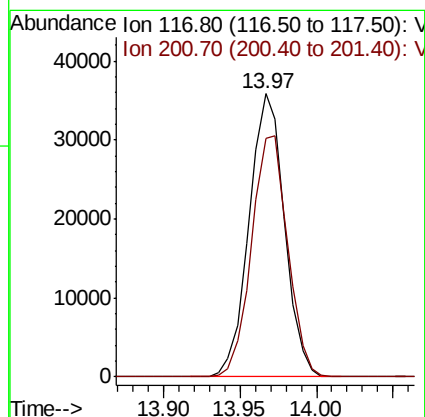
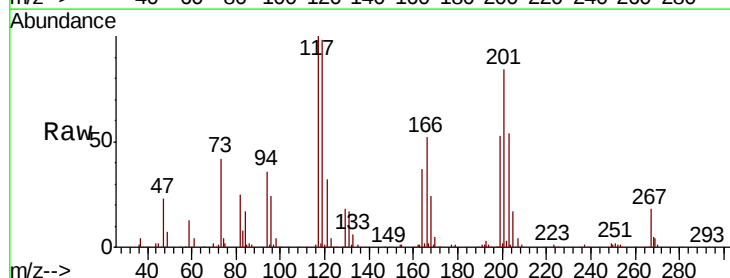
Acq: 30 Apr 2020 15:01

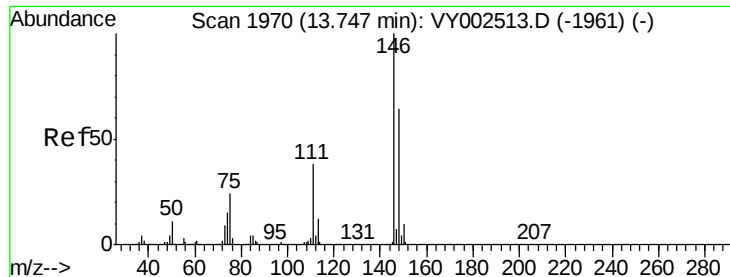
Tgt Ion: 117 Resp: 57705

Ion Ratio Lower Upper

117 100

201 86.8 44.4 133.2

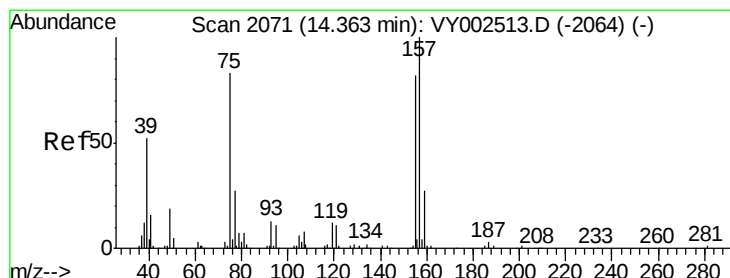
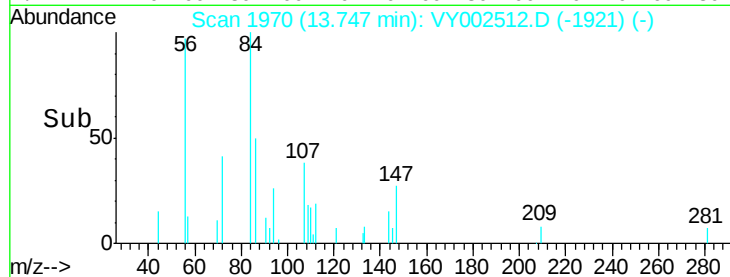
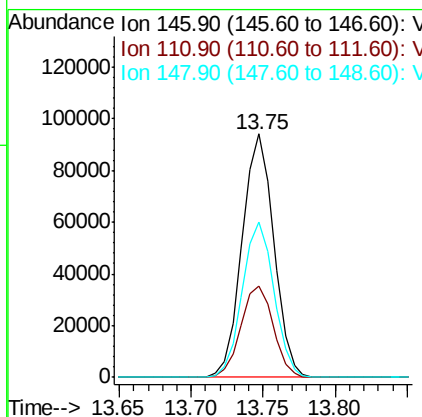
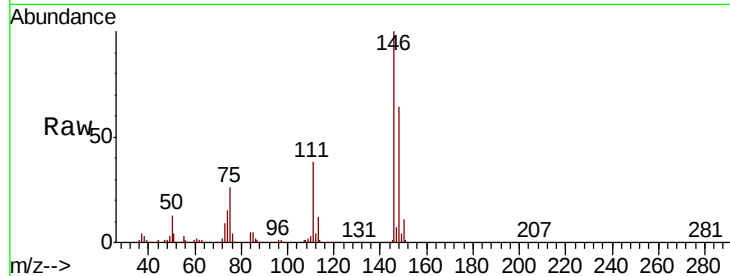




#91
 1,2-Dichlorobenzene
 Concen: 18.897 ug/l
 RT: 13.75 min Scan# 1970
 Delta R.T. -0.00 min
 Lab File: VY002512.D
 Acq: 30 Apr 2020 15:01

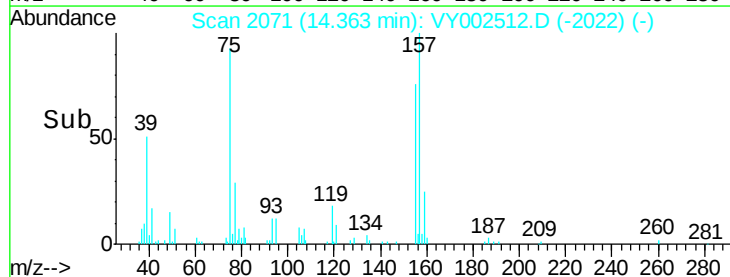
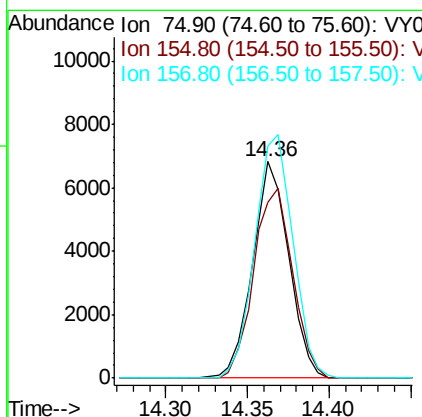
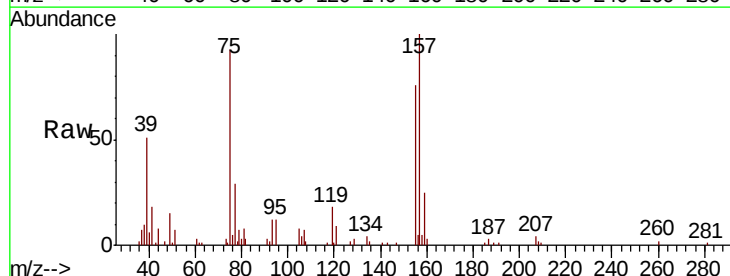
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

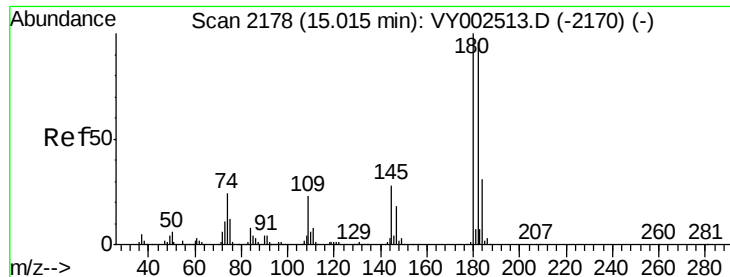
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.4	19.1	57.5
148	63.8	31.9	95.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.749 ug/l
 RT: 14.36 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VY002512.D
 Acq: 30 Apr 2020 15:01

Tgt Ion	Ratio	Lower	Upper
75	100		
155	93.9	51.3	153.9
157	118.0	65.0	195.0

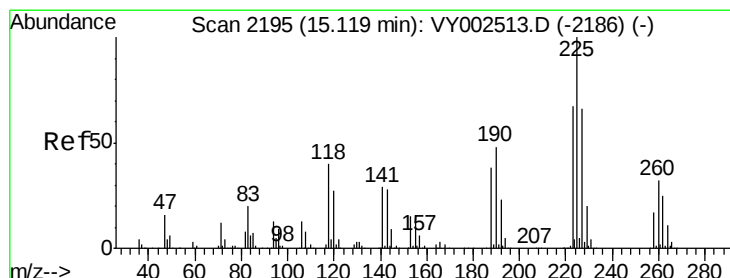
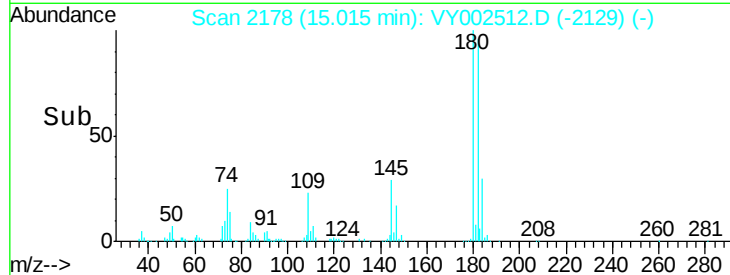
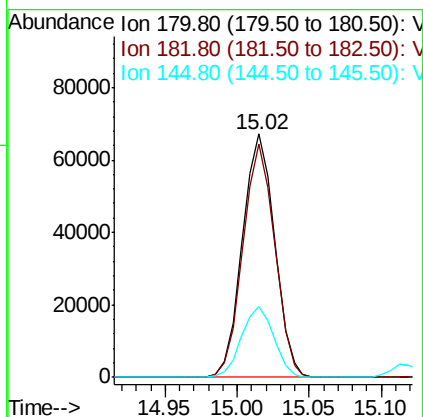
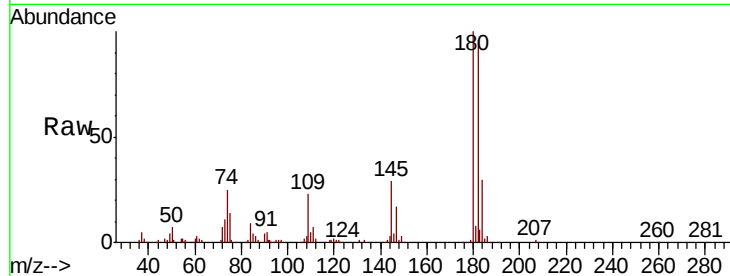




#93
 1,2,4-Trichlorobenzene
 Concen: 18.923 ug/l
 RT: 15.02 min Scan# 2178
 Delta R.T. -0.00 min
 Lab File: VY002512.D
 Acq: 30 Apr 2020 15:01

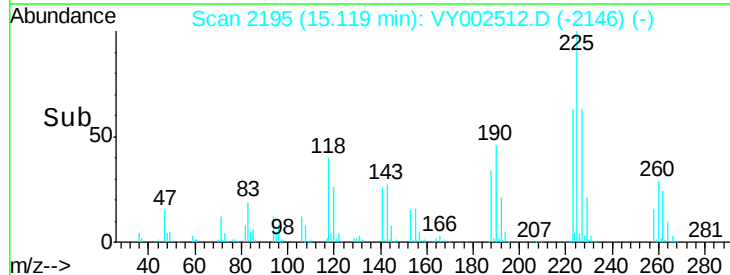
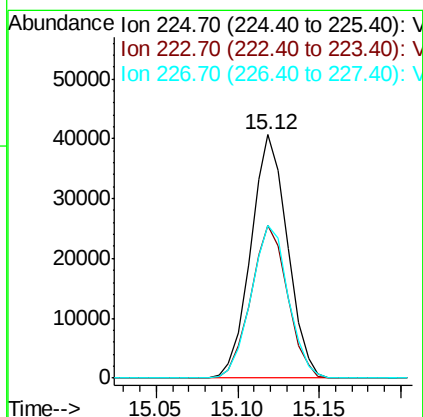
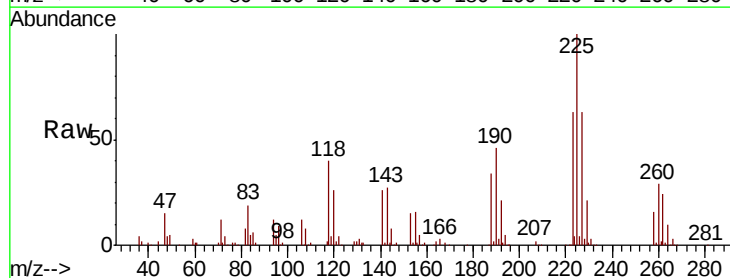
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

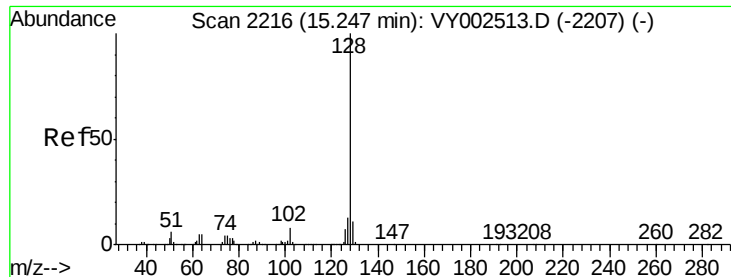
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.5	47.9	143.6
145	29.0	14.4	43.0



#94
 Hexachlorobutadiene
 Concen: 19.109 ug/l
 RT: 15.12 min Scan# 2195
 Delta R.T. -0.00 min
 Lab File: VY002512.D
 Acq: 30 Apr 2020 15:01

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.0	32.1	96.5
227	63.7	32.0	96.2





#95

Naphthalene

Concen: 18.615 ug/l

RT: 15.25 min Scan# 2216

Delta R.T. -0.00 min

Lab File: VY002512.D

Acq: 30 Apr 2020 15:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

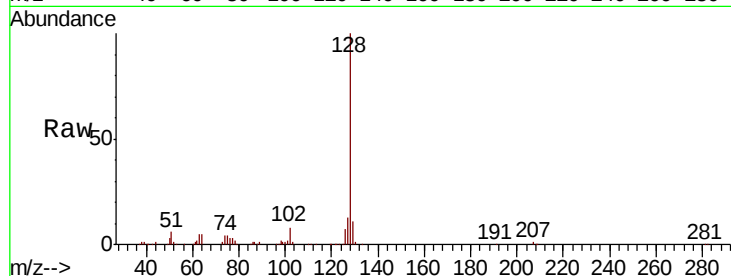
Tot Ion:128 Resp: 187342

Ion Ratio Lower Upper

128 100

127 12.7 10.5 15.7

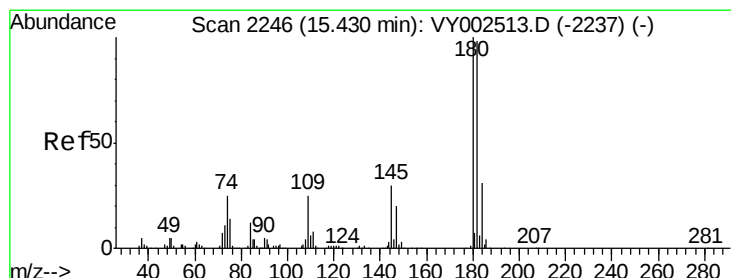
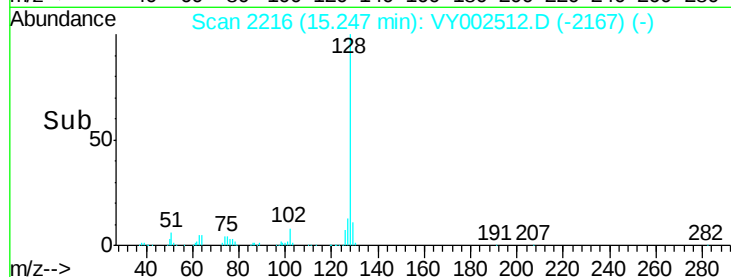
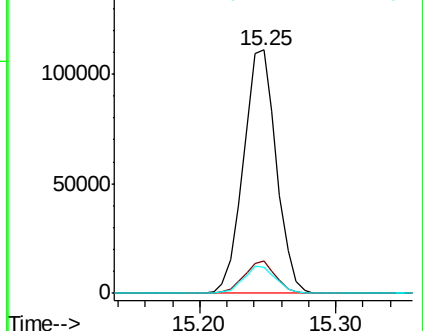
129 11.1 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 18.961 ug/l

RT: 15.43 min Scan# 2246

Delta R.T. -0.00 min

Lab File: VY002512.D

Acq: 30 Apr 2020 15:01

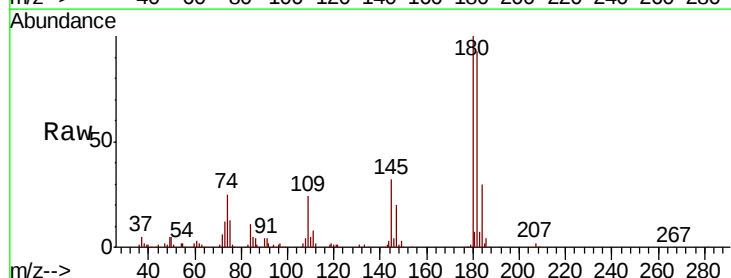
Tgt Ion:180 Resp: 88799

Ion Ratio Lower Upper

180 100

182 94.3 47.9 143.8

145 30.8 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

