

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY043020\
 Data File : VY002514.D
 Acq On : 30 Apr 2020 15:44
 Operator : SY/MD
 Sample : VSTDICC100
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC100

Quant Time: May 04 12:26:04 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	365642	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	540162	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	493105	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	246147	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.16	65	310496	100.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	201.98%	
35) Dibromofluoromethane	7.74	113	313187	101.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	202.76%	
50) Toluene-d8	10.19	98	1228755	101.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	203.70%	
62) 4-Bromofluorobenzene	12.49	95	409278	99.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	199.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	313352	112.847	ug/l	98
3) Chloromethane	2.12	50	315562	106.524	ug/l	100
4) Vinyl Chloride	2.26	62	361745	105.753	ug/l	99
5) Bromomethane	2.65	94	245140	103.920	ug/l	99
6) Chloroethane	2.80	64	214307	104.926	ug/l	97
7) Trichlorofluoromethane	3.14	101	564094	106.403	ug/l	100
8) Diethyl Ether	3.55	74	191198	107.321	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.92	101	334677	103.292	ug/l	98
10) Methyl Iodide	4.11	142	498997	113.041	ug/l	99
11) Tert butyl alcohol	4.99	59	147691	466.931	ug/l	100
12) 1,1-Dichloroethene	3.89	96	332216	105.544	ug/l	99
13) Acrolein	3.75	56	127332	582.160	ug/l	96
14) Allyl chloride	4.50	41	483810	105.494	ug/l	99
15) Acrylonitrile	5.19	53	435553	518.424	ug/l	100
16) Acetone	3.97	43	330920	521.556	ug/l	99
17) Carbon Disulfide	4.21	76	1040174	109.847	ug/l	100
18) Methyl Acetate	4.50	43	211993	99.998	ug/l	99
19) Methyl tert-butyl Ether	5.25	73	855892	104.223	ug/l	99
20) Methylene Chloride	4.74	84	339929	95.806	ug/l	98
21) trans-1,2-Dichloroethene	5.24	96	356635	103.664	ug/l	97
22) Diisopropyl ether	6.14	45	937127	100.989	ug/l	97
23) Vinyl Acetate	6.08	43	3043717	521.555	ug/l	100
24) 1,1-Dichloroethane	6.04	63	564398	102.810	ug/l	100
25) 2-Butanone	7.01	43	533270	513.444	ug/l	99
26) 2,2-Dichloropropane	7.00	77	523551	100.333	ug/l	100
27) cis-1,2-Dichloroethene	7.01	96	390228	102.512	ug/l	99
28) Bromochloromethane	7.36	49	230517	102.486	ug/l	99
29) Tetrahydrofuran	7.37	42	353281	514.114	ug/l	99
30) Chloroform	7.53	83	581915	101.946	ug/l	100
31) Cyclohexane	7.80	56	547865	99.146	ug/l	98
32) 1,1,1-Trichloroethane	7.72	97	553885	104.399	ug/l	100
36) 1,1-Dichloropropene	7.94	75	472964	104.448	ug/l	100
37) Ethyl Acetate	7.10	43	241119	103.620	ug/l	100
38) Carbon Tetrachloride	7.92	117	526372	106.473	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY043020\
 Data File : VY002514.D
 Acq On : 30 Apr 2020 15:44
 Operator : SY/MD
 Sample : VSTDICC100
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC100

Quant Time: May 04 12:26:04 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)
39) Methylcyclohexane	9.19	83	639264	106.884	ug/l	99
40) Benzene	8.18	78	1364013	104.294	ug/l	100
41) Methacrylonitrile	7.34	41	114109m	93.812	ug/l	
42) 1,2-Dichloroethane	8.25	62	378430	103.156	ug/l	99
43) Isopropyl Acetate	8.29	43	464389	106.453	ug/l	99
44) Trichloroethene	8.96	130	426345	104.312	ug/l	98
45) 1,2-Dichloropropane	9.23	63	326716	103.508	ug/l	99
46) Dibromomethane	9.32	93	189806	104.514	ug/l	99
47) Bromodichloromethane	9.51	83	465254	105.360	ug/l	99
48) Methyl methacrylate	9.30	41	210869	106.809	ug/l	99
49) 1,4-Dioxane	9.31	88	49922	2076.142	ug/l	98
51) 4-Methyl-2-Pentanone	10.08	43	1178934	524.313	ug/l	100
52) Toluene	10.25	92	876634	104.296	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	492116	106.364	ug/l	99
54) cis-1,3-Dichloropropene	9.94	75	559084	104.526	ug/l	98
55) 1,1,2-Trichloroethane	10.66	97	272381	102.849	ug/l	98
56) Ethyl methacrylate	10.52	69	379471	107.708	ug/l	100
57) 1,3-Dichloropropane	10.80	76	465394	103.624	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.80	63	942670	507.374	ug/l	99
59) 2-Hexanone	10.84	43	820639	530.268	ug/l	99
60) Dibromochloromethane	10.99	129	354619	105.279	ug/l	100
61) 1,2-Dibromoethane	11.10	107	274143	104.542	ug/l	99
64) Tetrachloroethene	10.73	164	451033	102.947	ug/l	98
65) Chlorobenzene	11.53	112	963506	102.786	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.60	131	364590	104.778	ug/l	99
67) Ethyl Benzene	11.60	91	1715195	104.166	ug/l	100
68) m/p-Xylenes	11.71	106	1326371	208.187	ug/l	99
69) o-Xylene	12.03	106	620551	104.026	ug/l	100
70) Styrene	12.05	104	1069466	104.871	ug/l	100
71) Bromoform	12.22	173	228942	106.006	ug/l #	100
73) Isopropylbenzene	12.34	105	1690716	105.983	ug/l	100
74) N-amyl acetate	12.15	43	409122	106.612	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.59	83	267482	105.430	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	235909m	107.371	ug/l	
77) Bromobenzene	12.62	156	415980	104.370	ug/l	100
78) n-propylbenzene	12.68	91	1944771	105.050	ug/l	100
79) 2-Chlorotoluene	12.77	91	1070945	104.434	ug/l	100
80) 1,3,5-Trimethylbenzene	12.82	105	1391863	105.256	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.39	75	116506	106.800	ug/l	99
82) 4-Chlorotoluene	12.86	91	1119563	103.934	ug/l	99
83) tert-Butylbenzene	13.08	119	1218679	105.106	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	1379495	104.676	ug/l	100
85) sec-Butylbenzene	13.26	105	1676582	104.206	ug/l	100
86) p-Isopropyltoluene	13.38	119	1567939	104.007	ug/l	99
87) 1,3-Dichlorobenzene	13.38	146	772755	102.441	ug/l	100
88) 1,4-Dichlorobenzene	13.45	146	764624	102.366	ug/l	99
89) n-Butylbenzene	13.70	91	1400744	102.067	ug/l	100
90) Hexachloroethane	13.97	117	289846	105.576	ug/l	98
91) 1,2-Dichlorobenzene	13.75	146	683394	101.529	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	47707	100.876	ug/l	98

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY043020\
Data File : VY002514.D
Acq On : 30 Apr 2020 15:44
Operator : SY/MD
Sample : VSTDICC100
Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Quant Time: May 04 12:26:04 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
Quant Title : SW846 8260
QLast Update : Mon May 04 12:07:53 2020
Response via : Initial Calibration

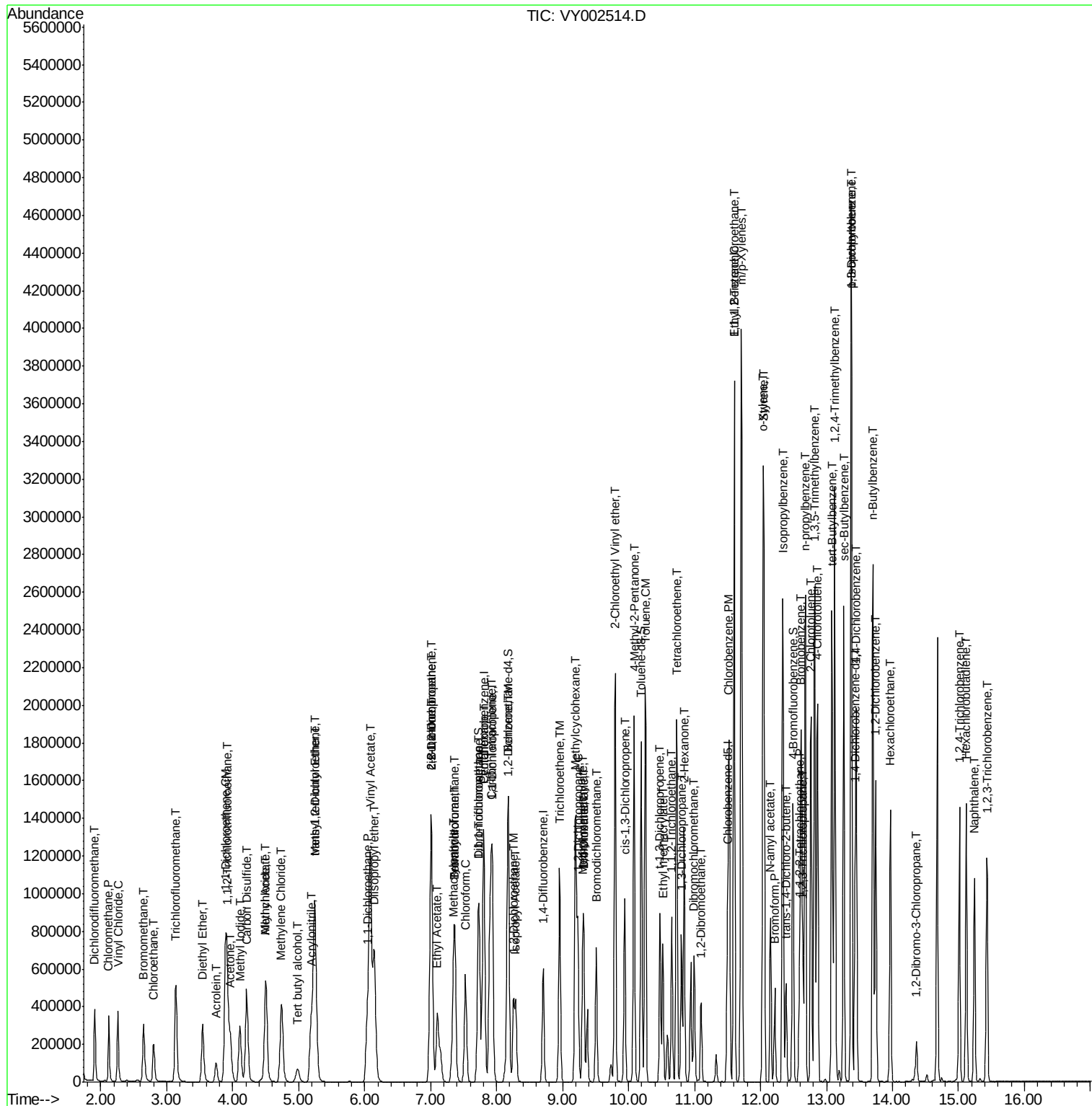
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	480651	98.356	ug/l	100
94) Hexachlorobutadiene	15.12	225	286547	97.686	ug/l	99
95) Naphthalene	15.24	128	918090	102.985	ug/l	100
96) 1,2,3-Trichlorobenzene	15.43	180	410102	98.854	ug/l	100

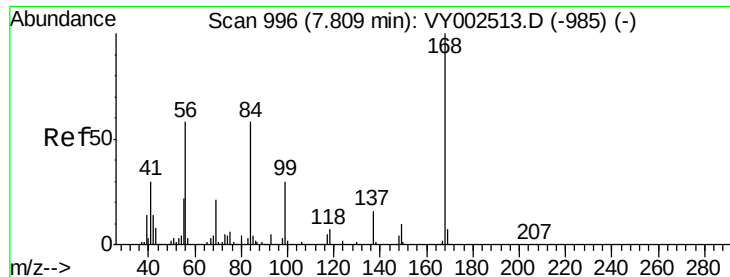
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY043020\
Data File : VY002514.D
Acq On : 30 Apr 2020 15:44
Operator : SY/MD
Sample : VSTDIC100
Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Quant Time: May 04 12:26:04 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
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: VY002514.D

Acq: 30 Apr 2020 15:44

Instrument :

MSVOA_Y

ClientSampleId :

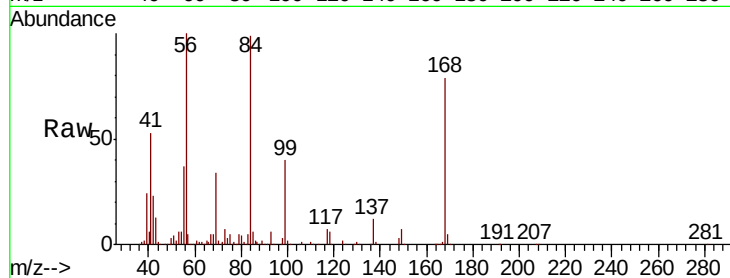
VSTDIC100

Tot Ion:168 Resp: 365642

Ion Ratio Lower Upper

168 100

99 50.6 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY002514.D (-947) (-)

Ion 98.90 (98.60 to 99.60): VY002514.D (-947) (-)

7.81

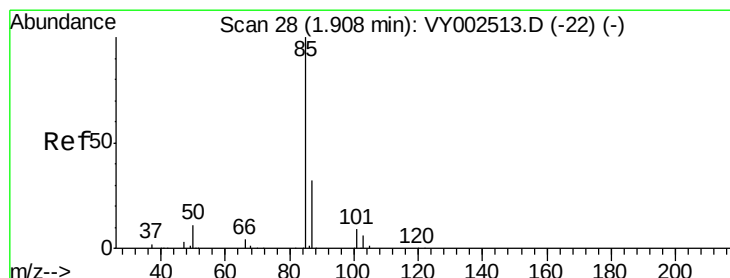
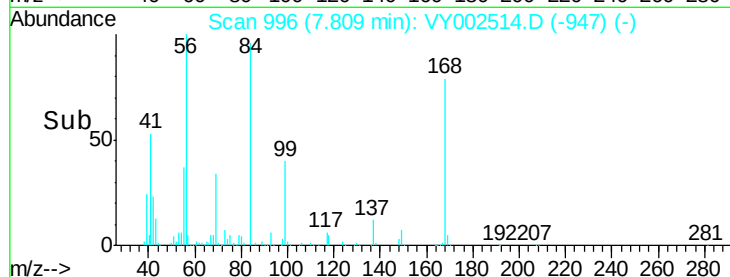
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 112.847 ug/l

RT: 1.91 min Scan# 28

Delta R.T. -0.00 min

Lab File: VY002514.D

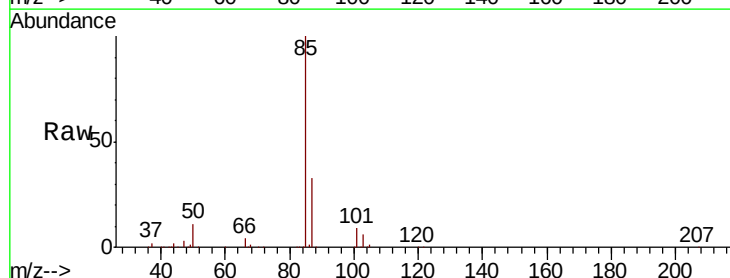
Acq: 30 Apr 2020 15:44

Tgt Ion: 85 Resp: 313352

Ion Ratio Lower Upper

85 100

87 32.5 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VY002514.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY002514.D (-1) (-)

1.91

250000

200000

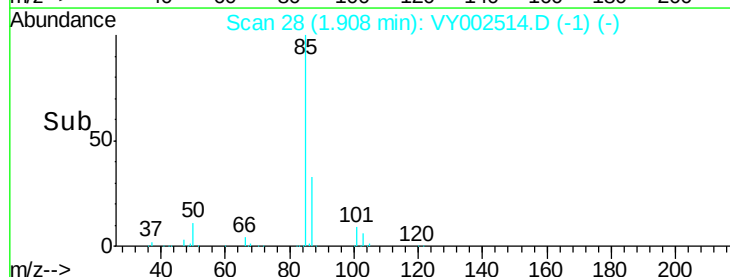
150000

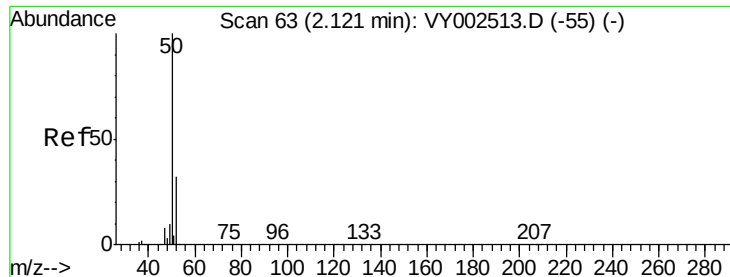
100000

50000

0

Time-->





#3

Chloromethane

Concen: 106.524 ug/l

RT: 2.12 min Scan# 63

Delta R.T. -0.00 min

Lab File: VY002514.D

Acq: 30 Apr 2020 15:44

Instrument :

MSVOA_Y

ClientSampleId :

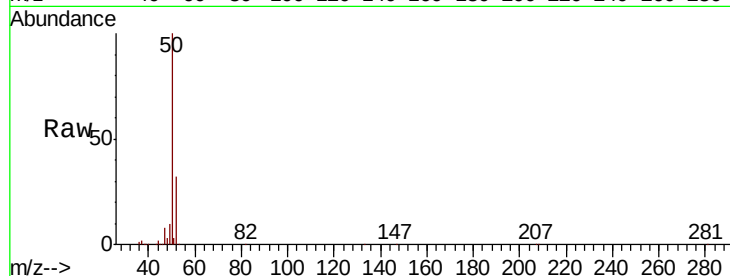
VSTDIC100

Tot Ion: 50 Resp: 315562

Ion Ratio Lower Upper

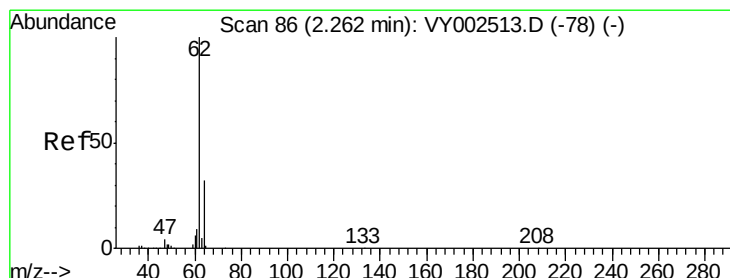
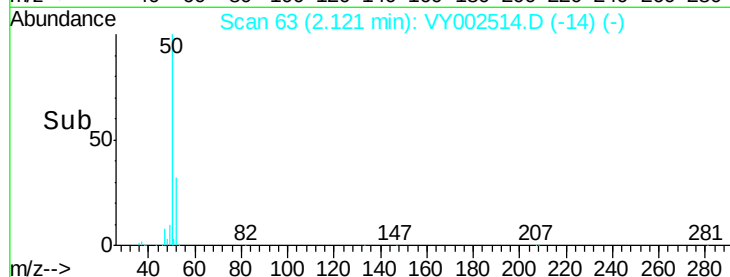
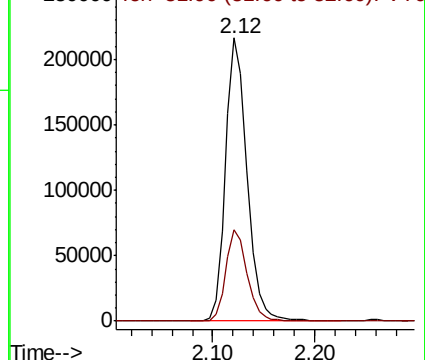
50 100

52 32.2 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: 105.753 ug/l

RT: 2.26 min Scan# 86

Delta R.T. -0.00 min

Lab File: VY002514.D

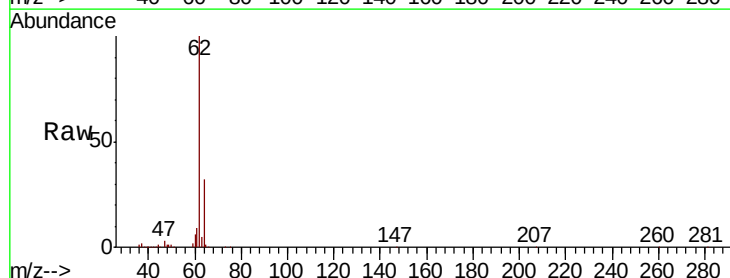
Acq: 30 Apr 2020 15:44

Tgt Ion: 62 Resp: 361745

Ion Ratio Lower Upper

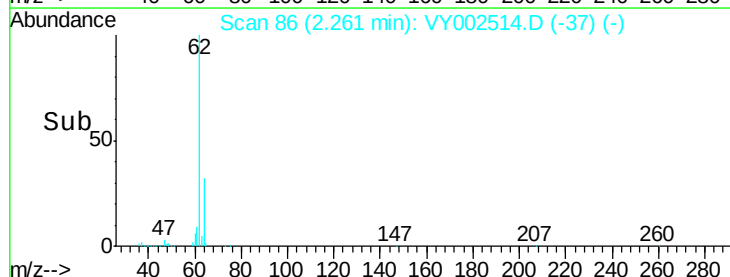
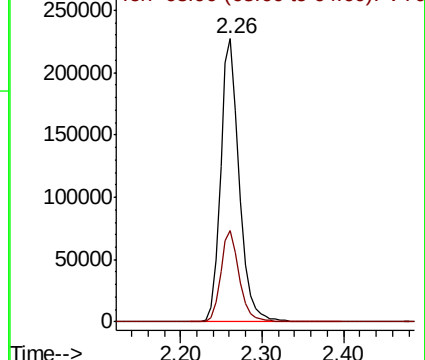
62 100

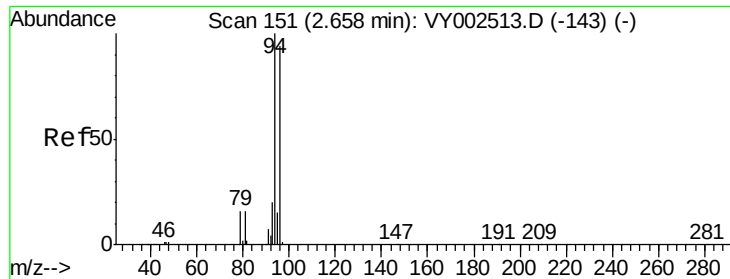
64 32.4 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 103.920 ug/l

RT: 2.65 min Scan# 150

Delta R.T. -0.01 min

Lab File: VY002514.D

Acq: 30 Apr 2020 15:44

Instrument :

MSVOA_Y

ClientSampleId :

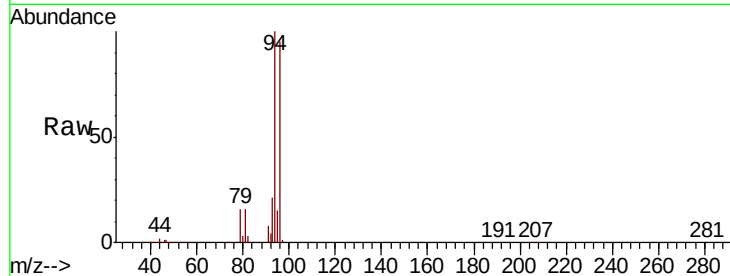
VSTDIC100

Tot Ion: 94 Resp: 245140

Ion Ratio Lower Upper

94 100

96 94.6 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0

2.65

120000

100000

80000

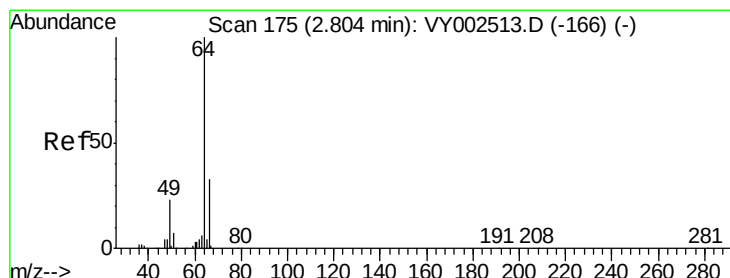
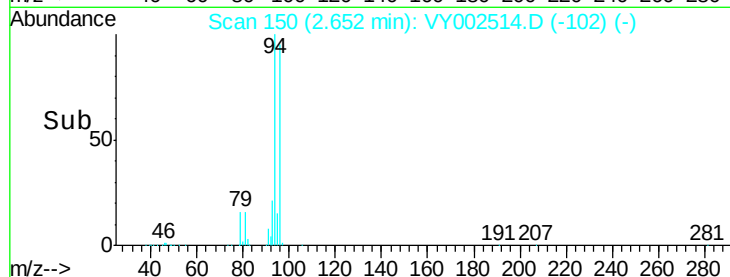
60000

40000

20000

0

Time--> 2.50 2.60 2.70 2.80



#6

Chloroethane

Concen: 104.926 ug/l

RT: 2.80 min Scan# 175

Delta R.T. -0.00 min

Lab File: VY002514.D

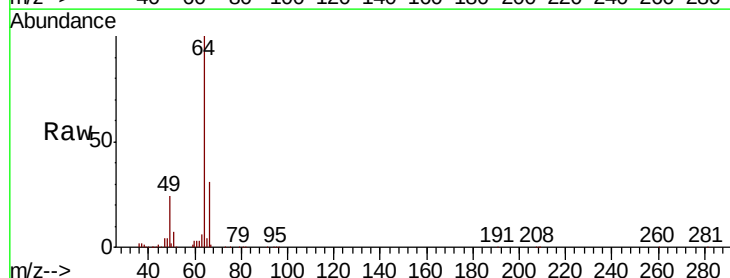
Acq: 30 Apr 2020 15:44

Tgt Ion: 64 Resp: 214307

Ion Ratio Lower Upper

64 100

66 31.4 26.3 39.5



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0

2.80

100000

80000

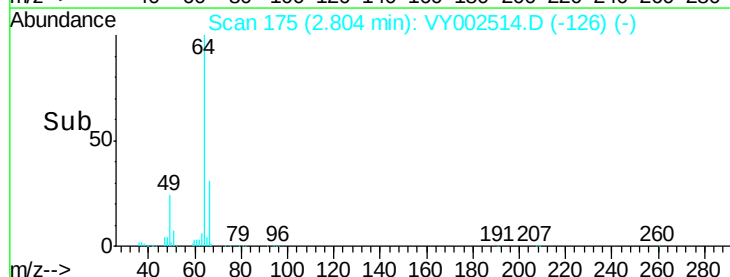
60000

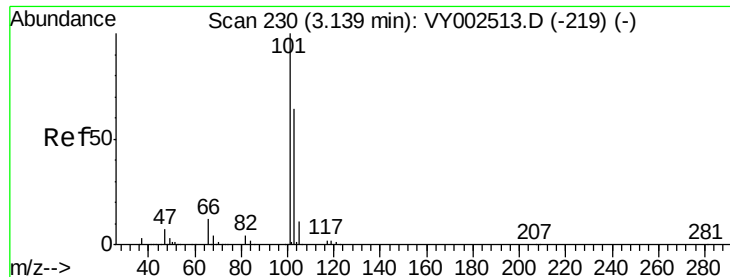
40000

20000

0

Time--> 2.70 2.80 2.90 3.00



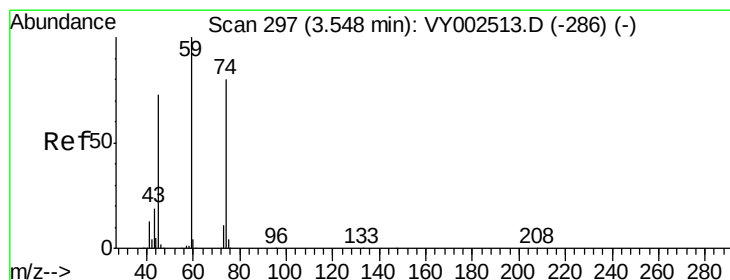
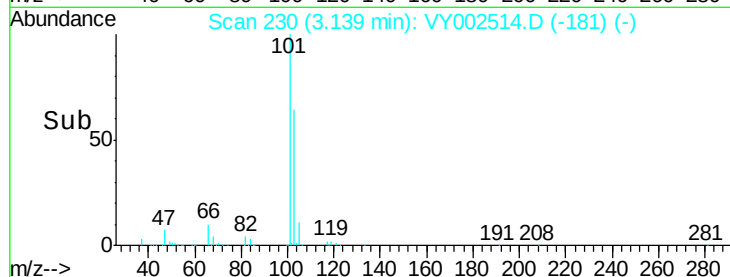
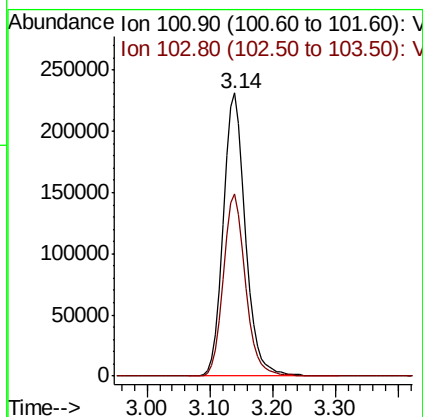
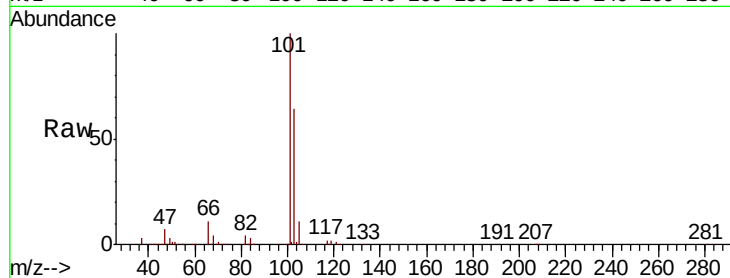


#7

Trichlorofluoromethane
Concen: 106.403 ug/l
RT: 3.14 min Scan# 230
Delta R.T. -0.00 min
Lab File: VY002514.D
Acq: 30 Apr 2020 15:44

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

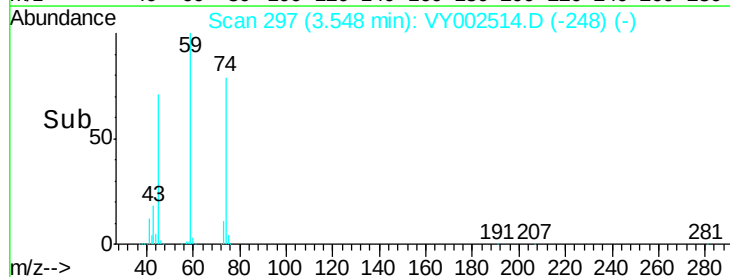
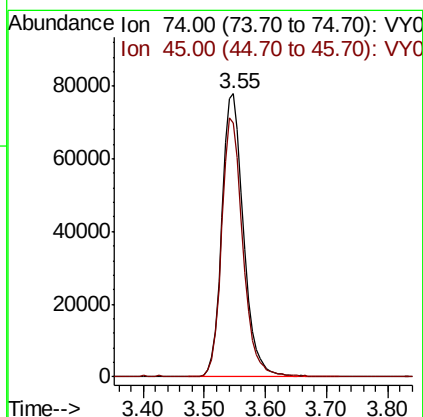
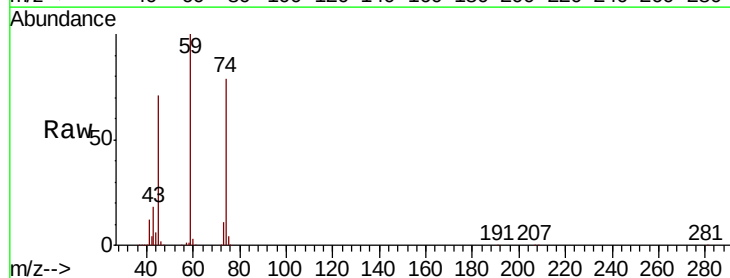
Tot Ion:101 Resp: 564094
Ion Ratio Lower Upper
101 100
103 64.4 51.4 77.0

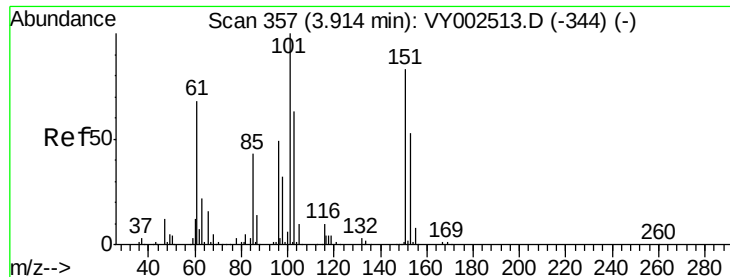


#8

Diethyl Ether
Concen: 107.321 ug/l
RT: 3.55 min Scan# 297
Delta R.T. -0.00 min
Lab File: VY002514.D
Acq: 30 Apr 2020 15:44

Tgt Ion: 74 Resp: 191198
Ion Ratio Lower Upper
74 100
45 89.8 46.2 138.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 103.292 ug/l

RT: 3.92 min Scan# 358

Delta R.T. 0.01 min

Lab File: VY002514.D

Acq: 30 Apr 2020 15:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

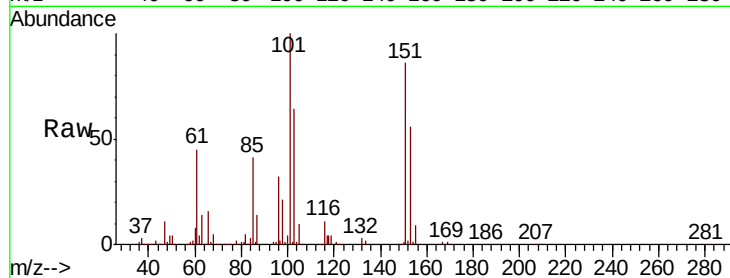
Tot Ion:101 Resp: 334677

Ion Ratio Lower Upper

101 100

85 42.7 33.4 50.2

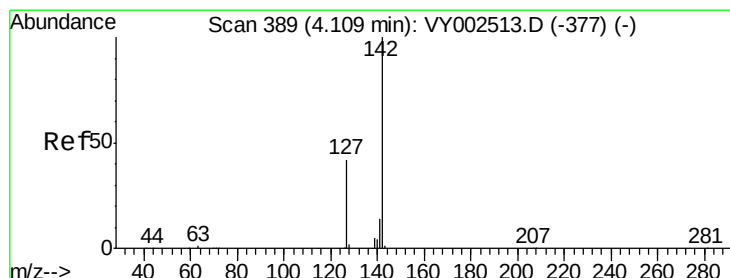
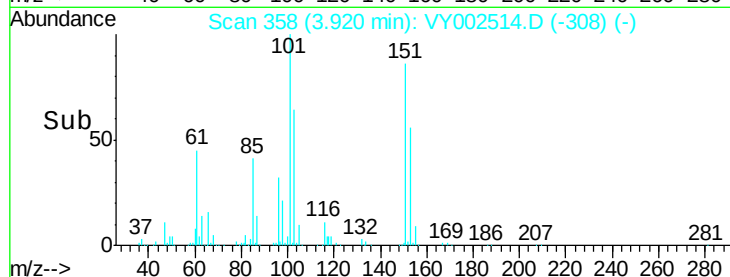
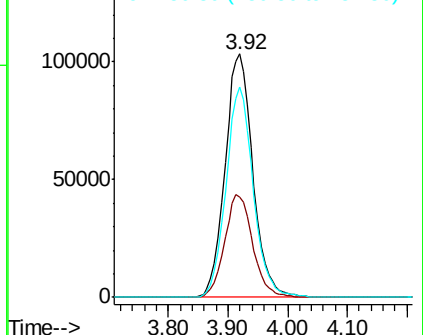
151 84.9 66.8 100.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VY0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 113.041 ug/l

RT: 4.11 min Scan# 389

Delta R.T. -0.00 min

Lab File: VY002514.D

Acq: 30 Apr 2020 15:44

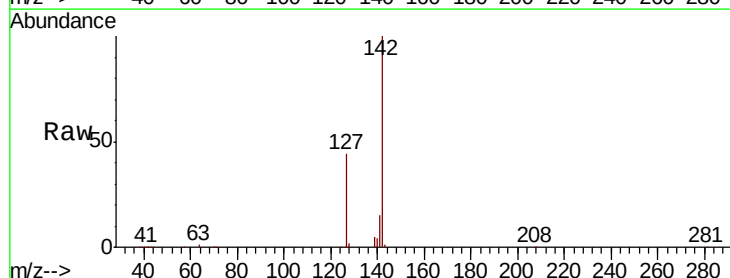
Tgt Ion:142 Resp: 498997

Ion Ratio Lower Upper

142 100

127 42.7 33.7 50.5

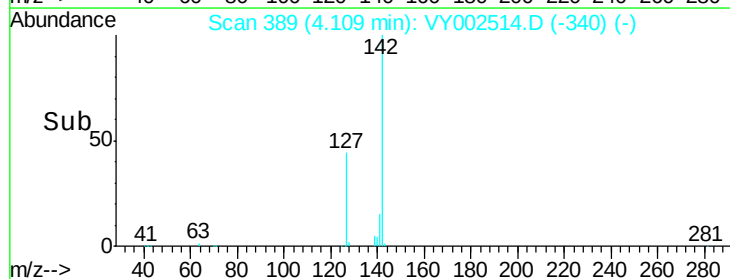
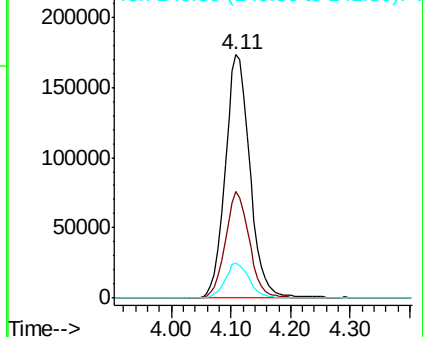
141 14.2 11.4 17.0

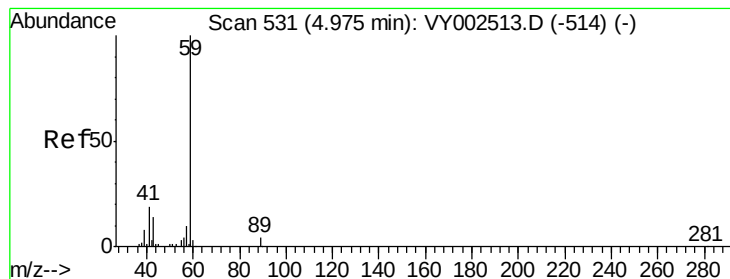


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



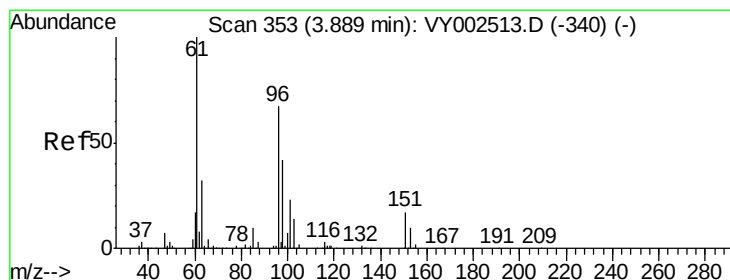
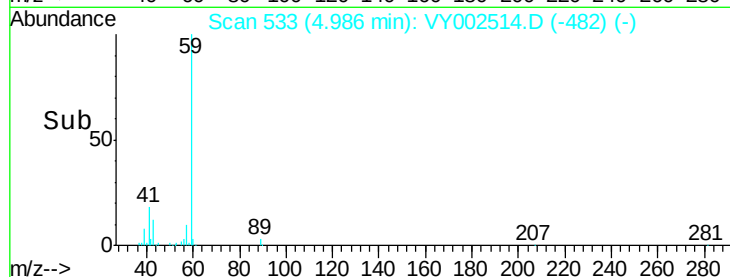
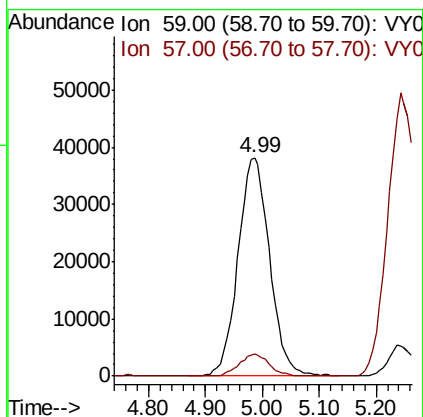
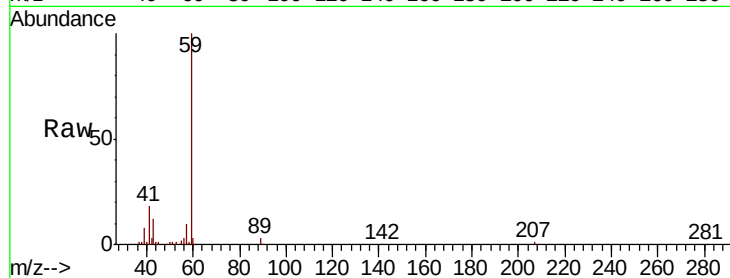


#11

Tert butyl alcohol
 Concen: 466.931 ug/l
 RT: 4.99 min Scan# 533
 Delta R.T. 0.01 min
 Lab File: VY002514.D
 Acq: 30 Apr 2020 15:44

Instrument :
 MSVOA_Y
 ClientSampled :
 VSTDIC100

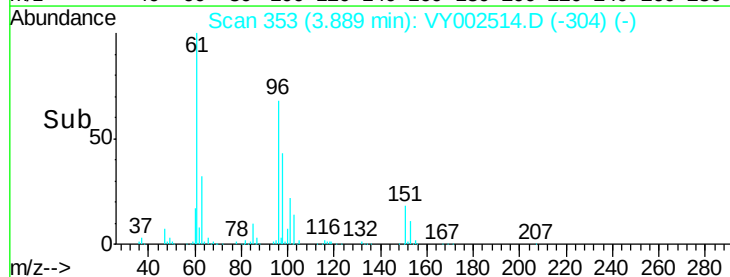
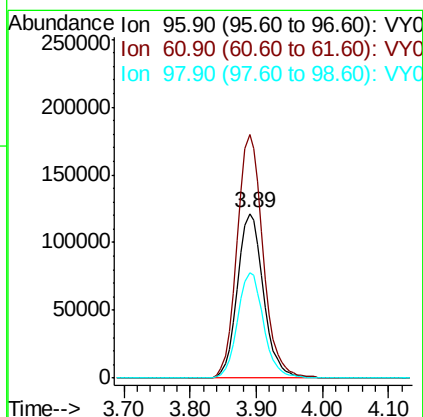
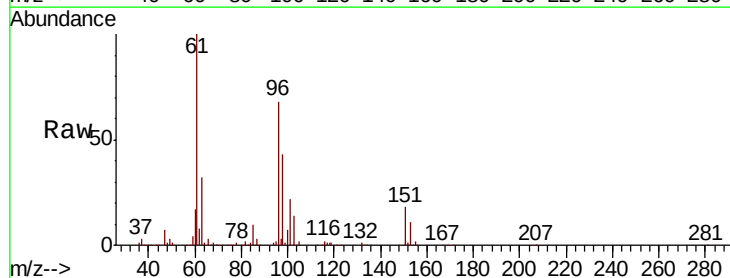
Tot Ion: 59 Resp: 147691
 Ion Ratio Lower Upper
 59 100
 57 9.6 7.8 11.6

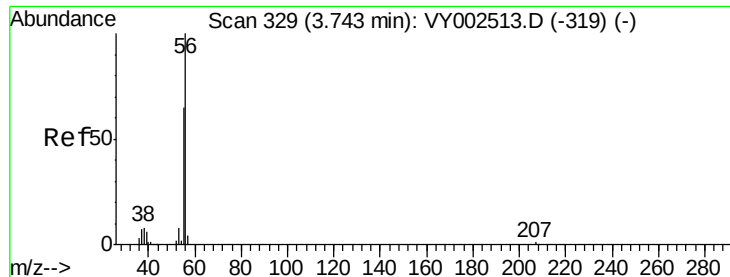


#12

1,1-Dichloroethene
 Concen: 105.544 ug/l
 RT: 3.89 min Scan# 353
 Delta R.T. -0.00 min
 Lab File: VY002514.D
 Acq: 30 Apr 2020 15:44

Tgt Ion: 96 Resp: 332216
 Ion Ratio Lower Upper
 96 100
 61 147.9 118.8 178.2
 98 64.2 49.6 74.4





#13

Acrolein

Concen: 582.160 ug/l

RT: 3.75 min Scan# 330

Delta R.T. 0.01 min

Lab File: VY002514.D

Acq: 30 Apr 2020 15:44

Instrument :

MSVOA_Y

ClientSampleId :

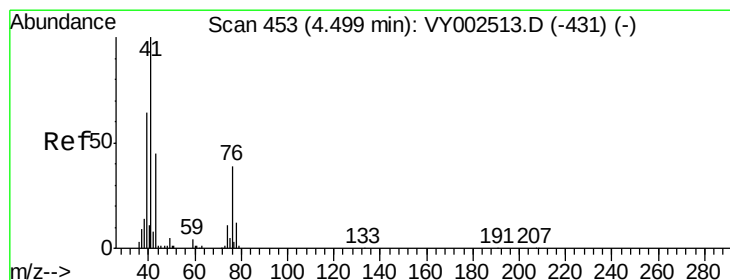
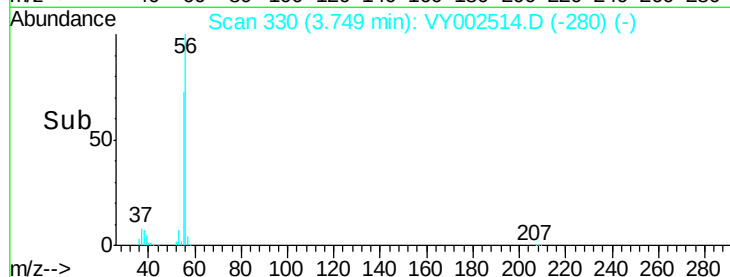
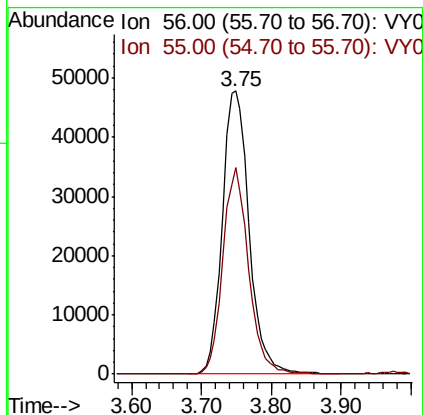
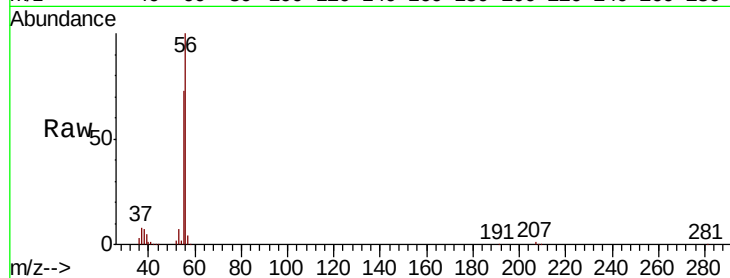
VSTDIC100

Tot Ion: 56 Resp: 127332

Ion Ratio Lower Upper

56 100

55 70.1 53.8 80.6



#14

Allyl chloride

Concen: 105.494 ug/l

RT: 4.50 min Scan# 454

Delta R.T. 0.01 min

Lab File: VY002514.D

Acq: 30 Apr 2020 15:44

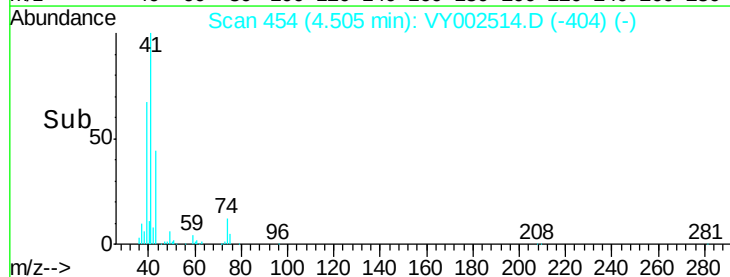
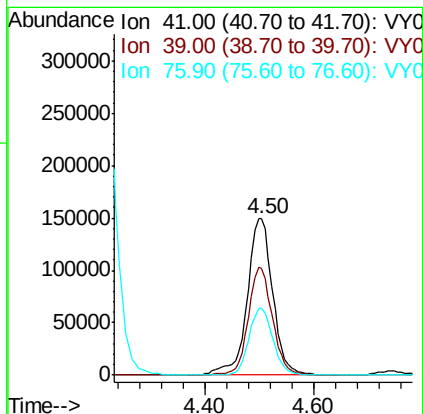
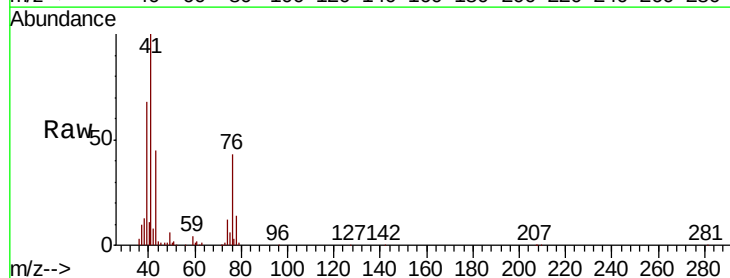
Tgt Ion: 41 Resp: 483810

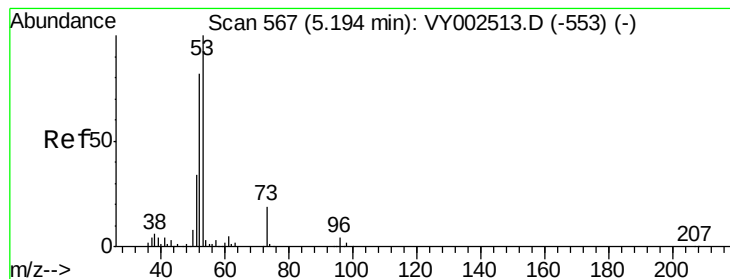
Ion Ratio Lower Upper

41 100

39 65.4 51.8 77.6

76 40.3 31.7 47.5





#15

Acrylonitrile

Concen: 518.424 ug/l

RT: 5.19 min Scan# 566

Delta R.T. -0.01 min

Lab File: VY002514.D

Acq: 30 Apr 2020 15:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

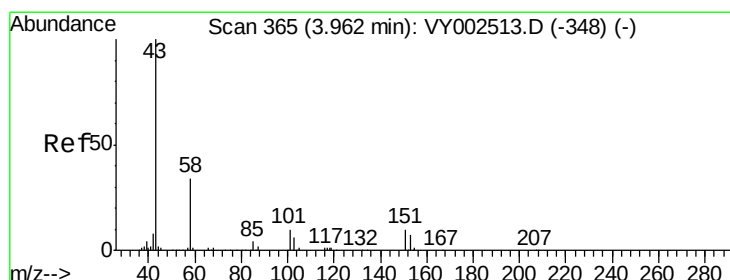
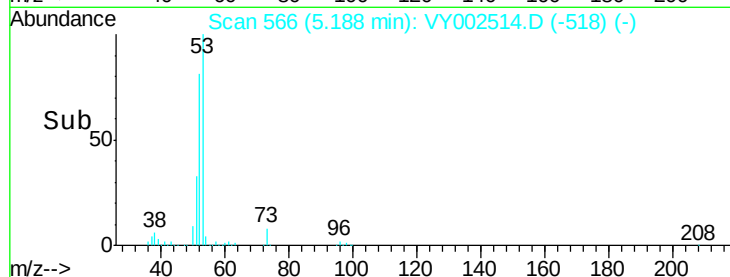
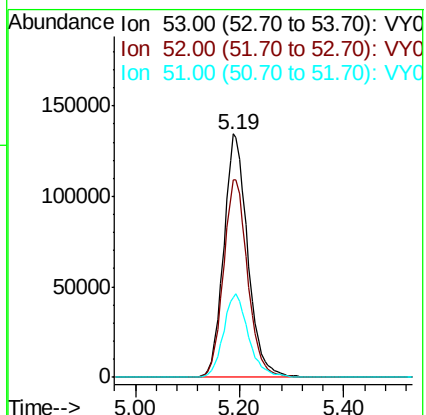
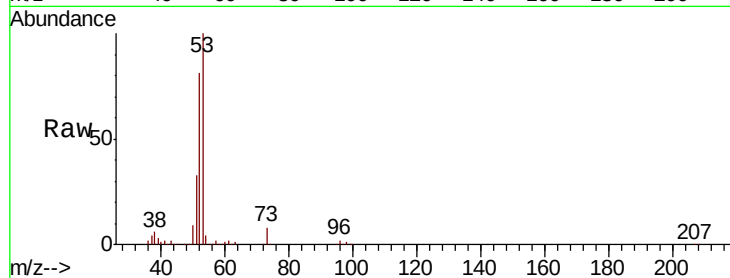
Tot Ion: 53 Resp: 435553

Ion Ratio Lower Upper

53 100

52 81.9 65.4 98.0

51 35.6 28.7 43.1



#16

Acetone

Concen: 521.556 ug/l

RT: 3.97 min Scan# 366

Delta R.T. 0.01 min

Lab File: VY002514.D

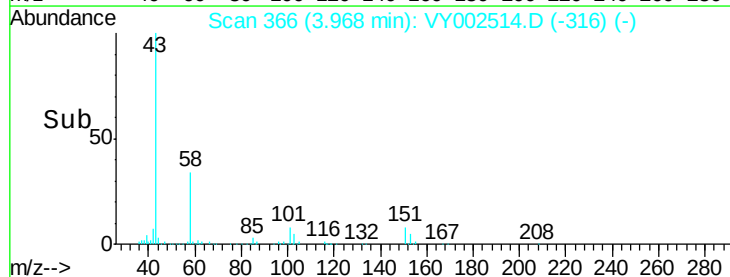
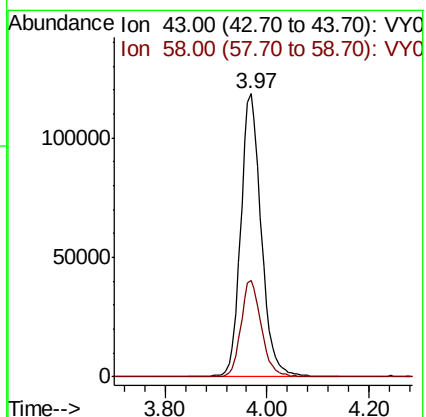
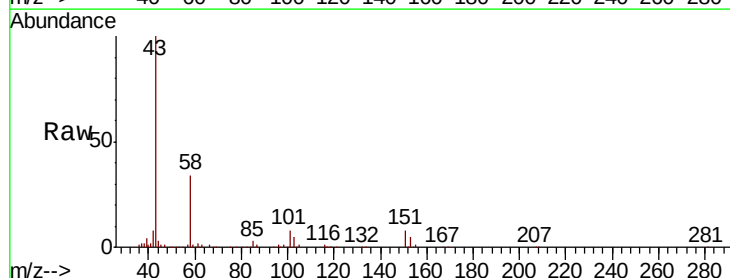
Acq: 30 Apr 2020 15:44

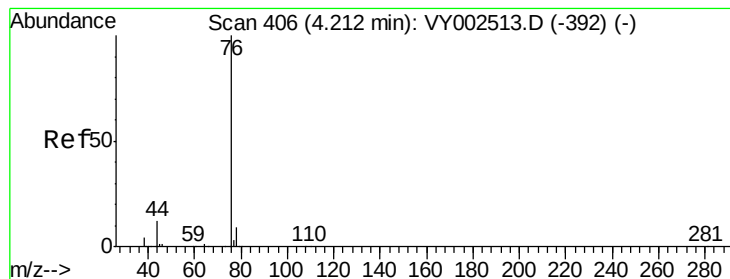
Tgt Ion: 43 Resp: 330920

Ion Ratio Lower Upper

43 100

58 34.0 26.9 40.3





#17

Carbon Disulfide

Concen: 109.847 ug/l

RT: 4.21 min Scan# 406

Delta R.T. -0.00 min

Lab File: VY002514.D

Acq: 30 Apr 2020 15:44

Instrument :

MSVOA_Y

ClientSampleId :

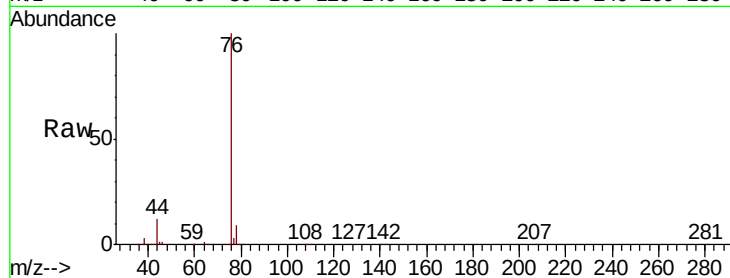
VSTDIC100

Tot Ion: 76 Resp: 1040174

Ion Ratio Lower Upper

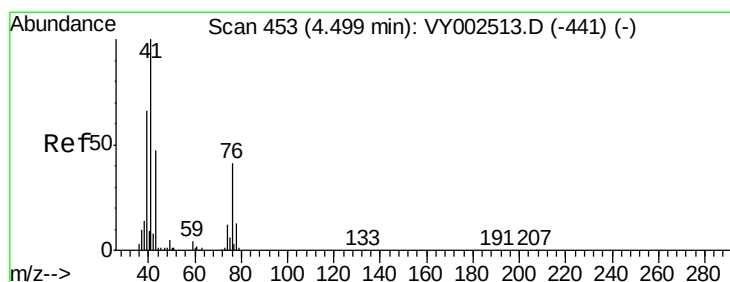
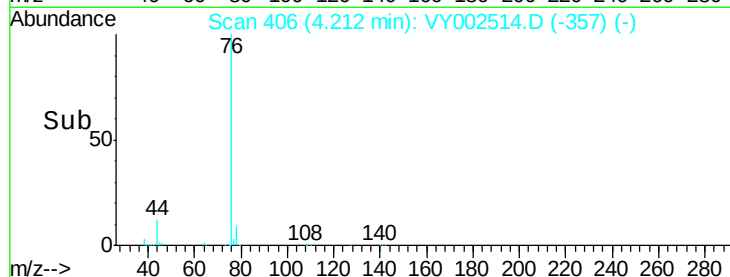
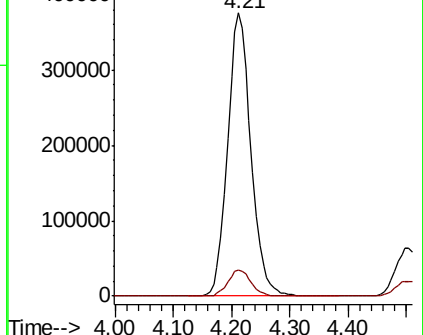
76 100

78 9.4 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VY002514.D (-392) (-)

Ion 77.90 (77.60 to 78.60): VY002514.D (-392) (-)



#18

Methyl Acetate

Concen: 99.998 ug/l

RT: 4.50 min Scan# 453

Delta R.T. -0.00 min

Lab File: VY002514.D

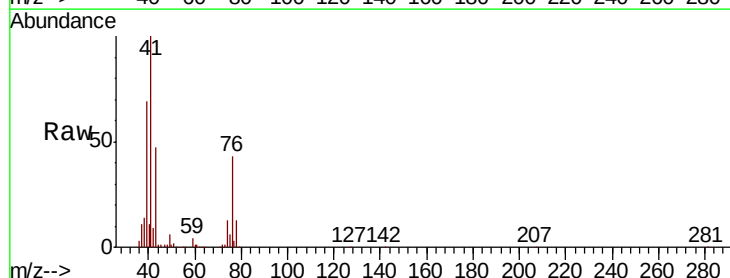
Acq: 30 Apr 2020 15:44

Tgt Ion: 43 Resp: 211993

Ion Ratio Lower Upper

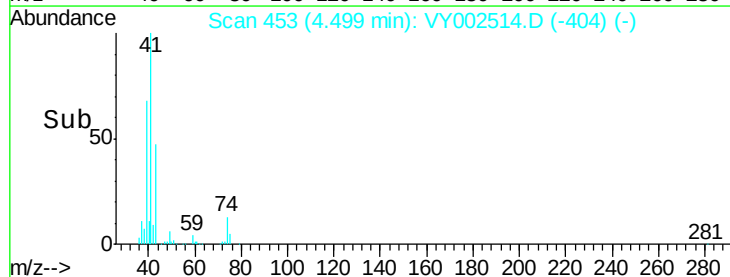
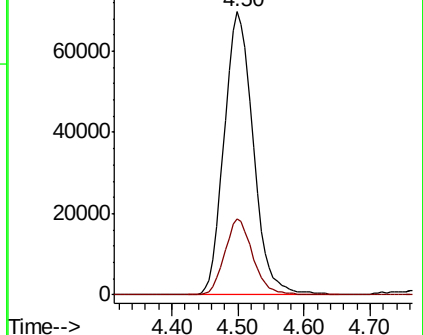
43 100

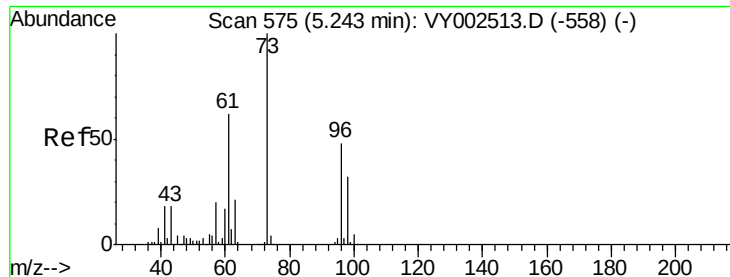
74 26.1 21.2 31.8



Abundance Ion 43.00 (42.70 to 43.70): VY002514.D (-404) (-)

Ion 74.00 (73.70 to 74.70): VY002514.D (-404) (-)

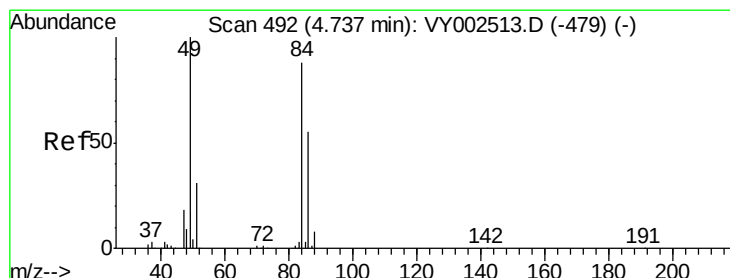
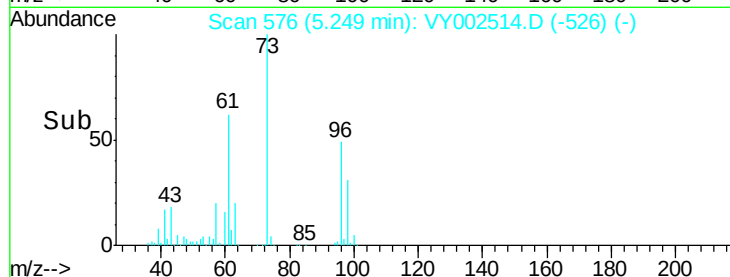
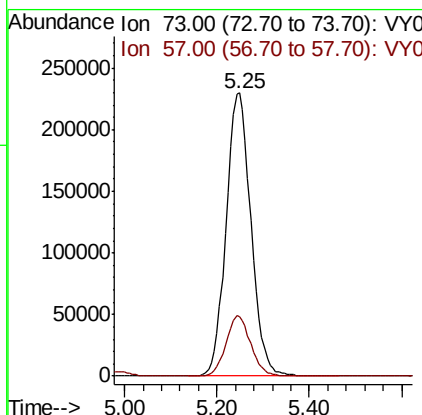
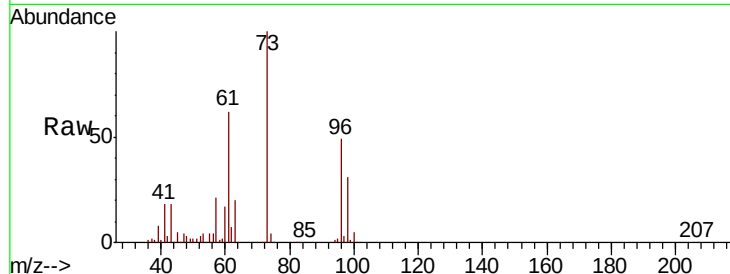




#19
Methyl tert-butyl Ether
Concen: 104.223 ug/l
RT: 5.25 min Scan# 576
Delta R.T. 0.01 min
Lab File: VY002514.D
Acq: 30 Apr 2020 15:44

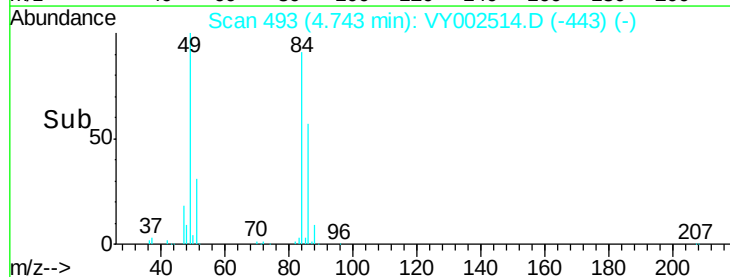
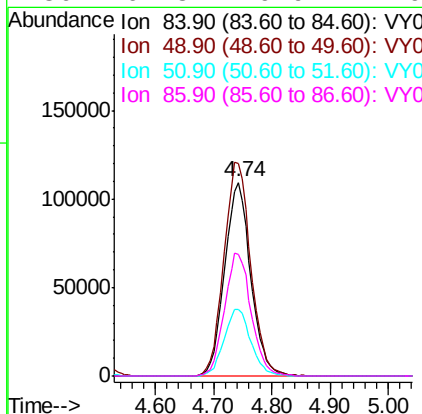
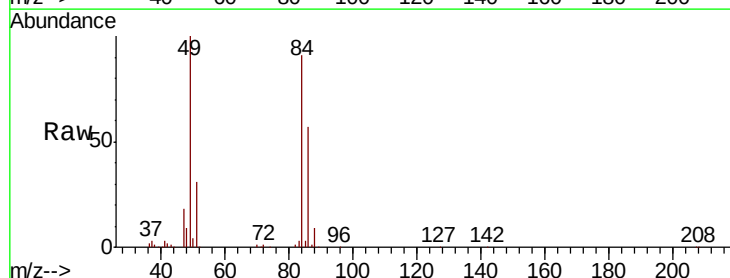
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

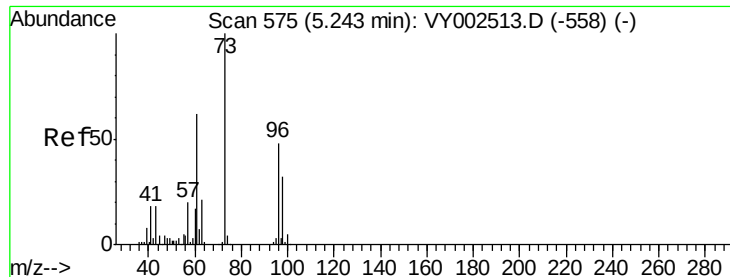
Tot Ion: 73 Resp: 855892
Ion Ratio Lower Upper
73 100
57 20.8 16.3 24.5



#20
Methylene Chloride
Concen: 95.806 ug/l
RT: 4.74 min Scan# 493
Delta R.T. 0.01 min
Lab File: VY002514.D
Acq: 30 Apr 2020 15:44

Tgt Ion: 84 Resp: 339929
Ion Ratio Lower Upper
84 100
49 109.8 90.5 135.7
51 34.2 28.3 42.5
86 62.8 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 103.664 ug/l

RT: 5.24 min Scan# 575

Delta R.T. -0.00 min

Lab File: VY002514.D

Acq: 30 Apr 2020 15:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

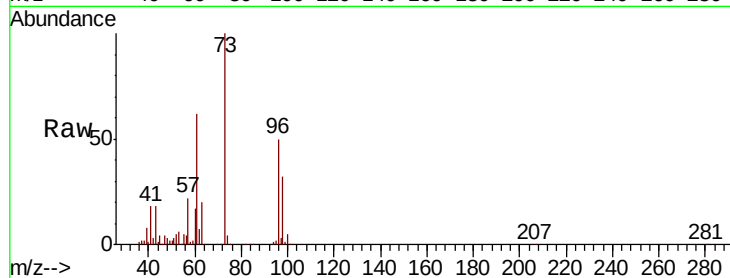
Tot Ion: 96 Resp: 356635

Ion Ratio Lower Upper

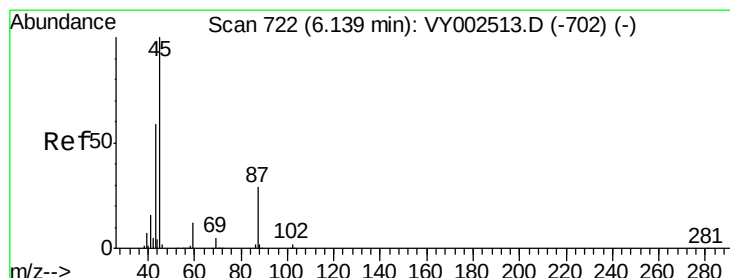
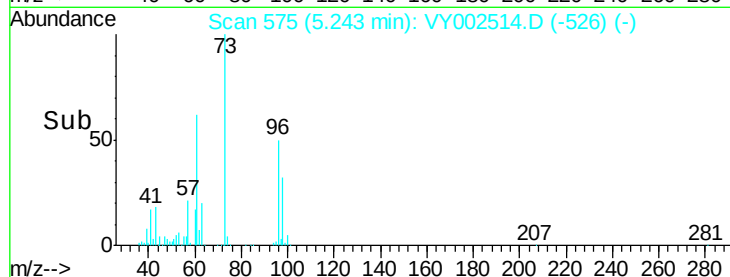
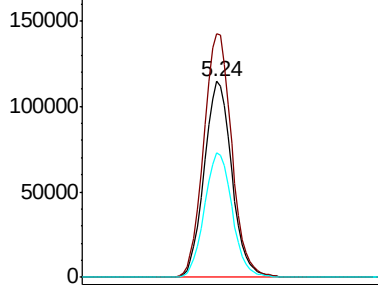
96 100

61 124.2 102.0 153.0

98 63.4 53.0 79.4



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



#22

Diisopropyl ether

Concen: 100.989 ug/l

RT: 6.14 min Scan# 723

Delta R.T. 0.01 min

Lab File: VY002514.D

Acq: 30 Apr 2020 15:44

Tgt Ion: 45 Resp: 937127

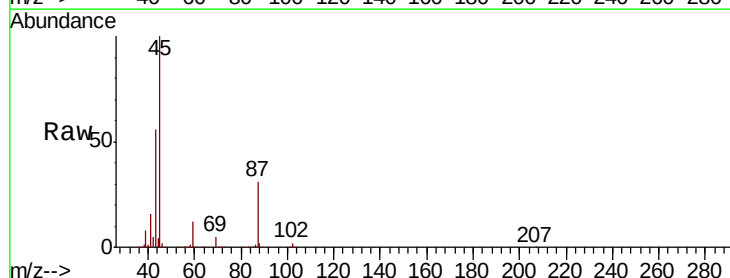
Ion Ratio Lower Upper

45 100

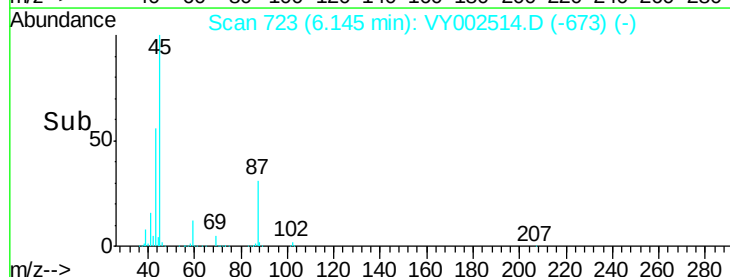
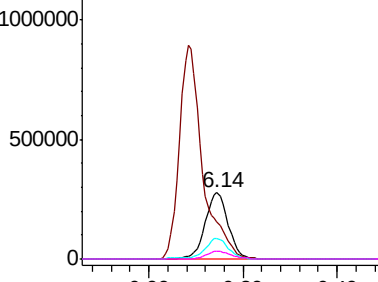
43 56.0 47.4 71.0

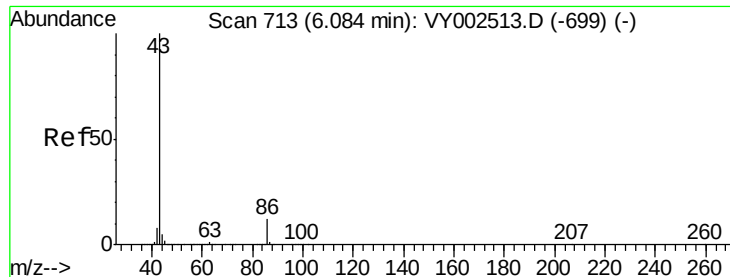
87 31.3 24.0 36.0

59 12.3 9.8 14.8



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





#23

Vinyl Acetate

Concen: 521.555 ug/l

RT: 6.08 min Scan# 713

Delta R.T. -0.00 min

Lab File: VY002514.D

Acq: 30 Apr 2020 15:44

Instrument :

MSVOA_Y

ClientSampleId :

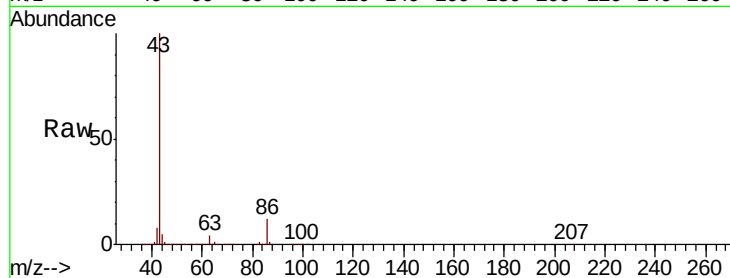
VSTDIC100

Tot Ion: 43 Resp: 3043717

Ion Ratio Lower Upper

43 100

86 12.1 9.8 14.6



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

6.08

800000

600000

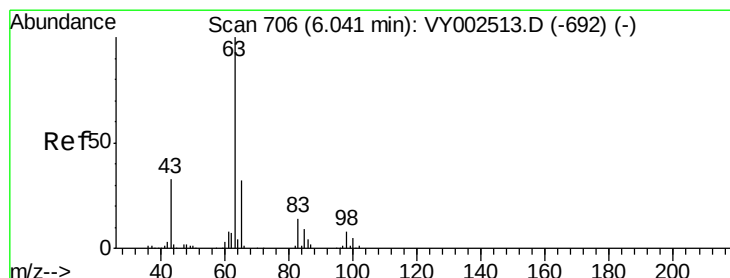
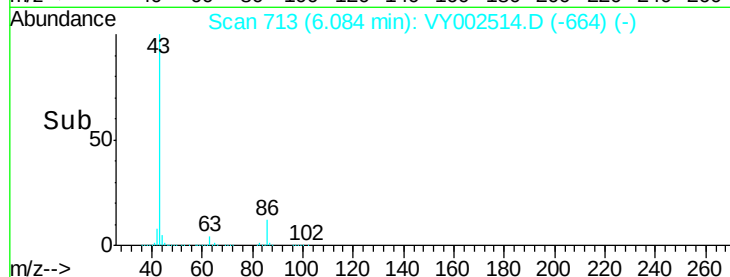
400000

200000

0

Time-->

6.00 6.20 6.40



#24

1,1-Dichloroethane

Concen: 102.810 ug/l

RT: 6.04 min Scan# 706

Delta R.T. -0.00 min

Lab File: VY002514.D

Acq: 30 Apr 2020 15:44

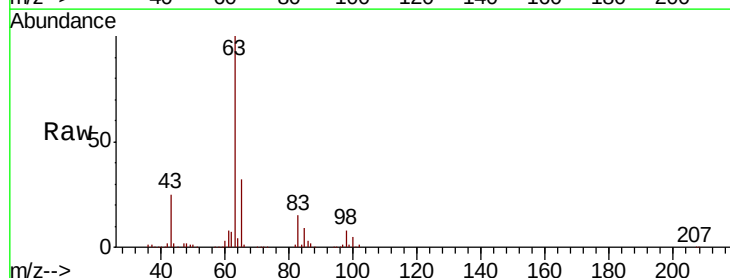
Tgt Ion: 63 Resp: 564398

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

250000

200000

150000

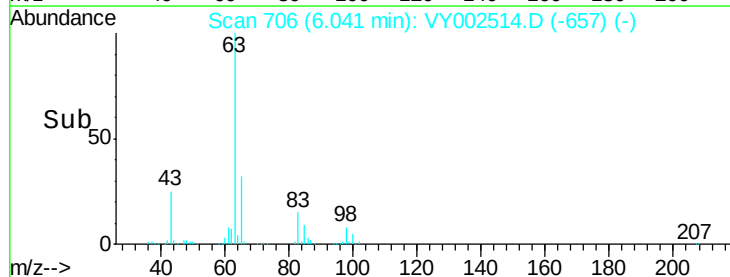
100000

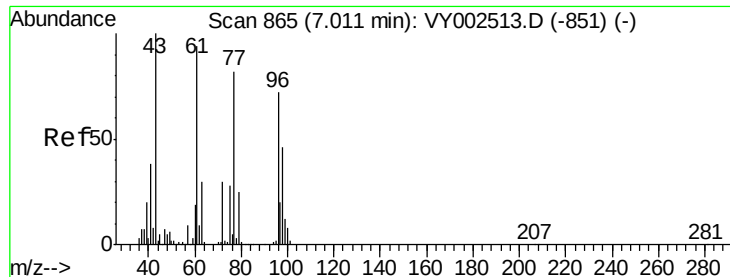
50000

0

Time-->

5.90 6.00 6.10 6.20





#25

2-Butanone

Concen: 513.444 ug/l

RT: 7.01 min Scan# 865

Delta R.T. -0.00 min

Lab File: VY002514.D

Acq: 30 Apr 2020 15:44

Instrument :

MSVOA_Y

ClientSampleId :

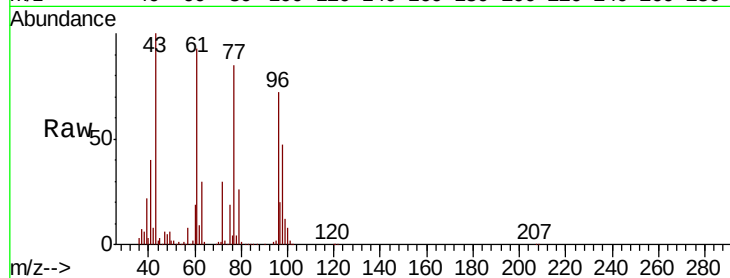
VSTDIC100

Tot Ion: 43 Resp: 533270

Ion Ratio Lower Upper

43 100

72 29.5 24.1 36.1



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0

7.01

200000

150000

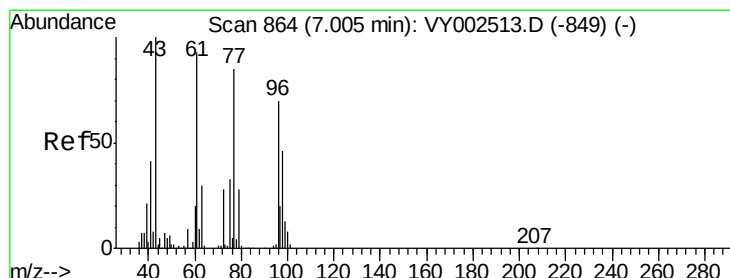
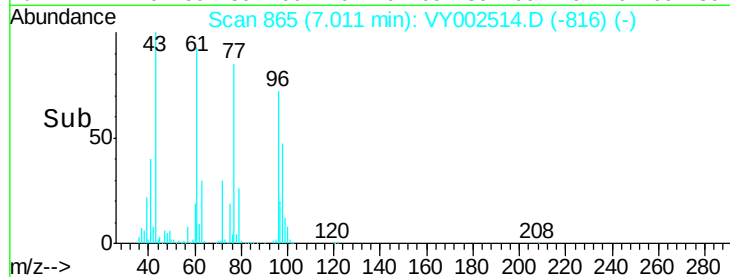
100000

50000

0

6.90 7.00 7.10

Time-->



#26

2,2-Dichloropropane

Concen: 100.333 ug/l

RT: 7.00 min Scan# 864

Delta R.T. -0.00 min

Lab File: VY002514.D

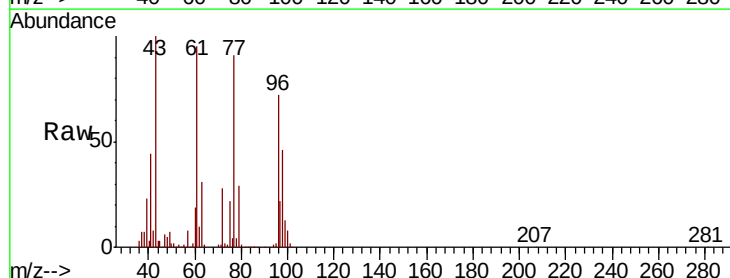
Acq: 30 Apr 2020 15:44

Tgt Ion: 77 Resp: 523551

Ion Ratio Lower Upper

77 100

97 23.7 11.9 35.5



Abundance Ion 76.90 (76.60 to 77.60): VY0

Ion 96.90 (96.60 to 97.60): VY0

7.00

200000

150000

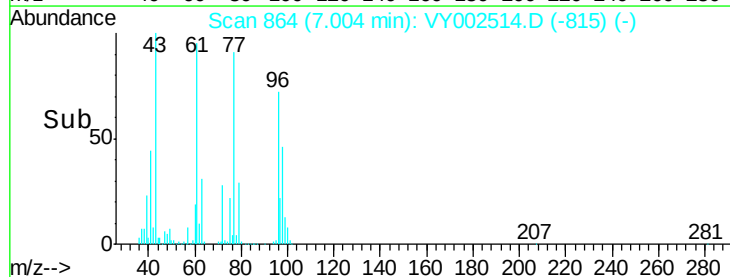
100000

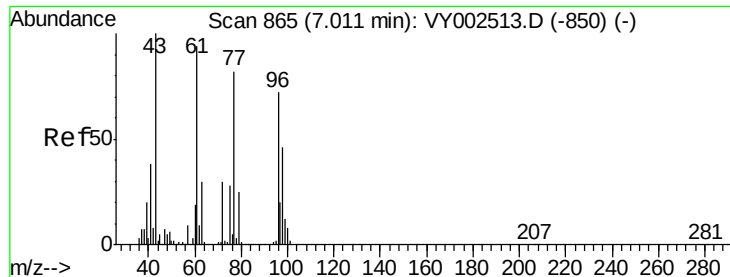
50000

0

6.80 6.90 7.00 7.10 7.20

Time-->



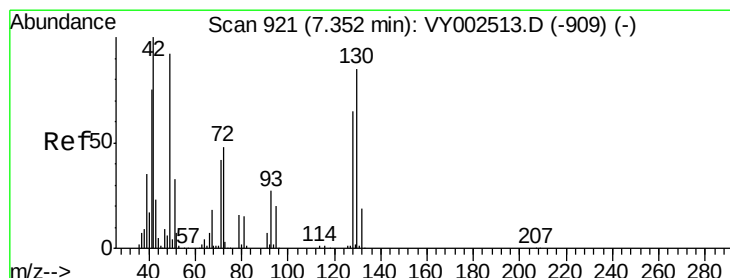
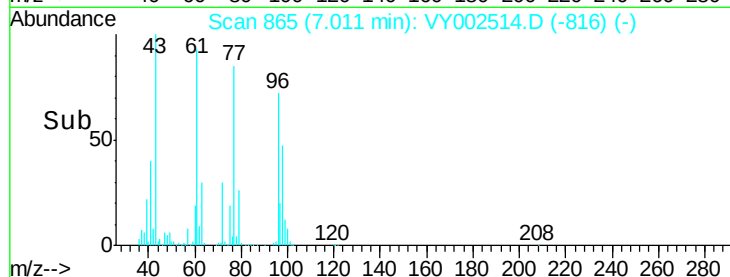
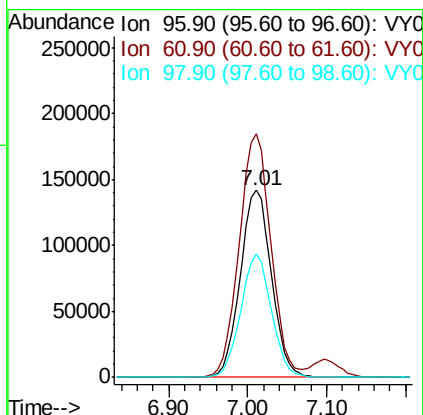
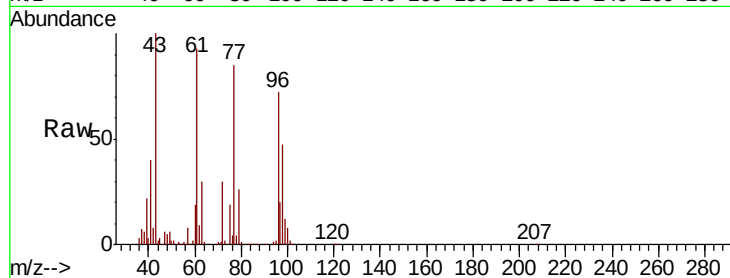


#27

cis-1,2-Dichloroethene
Concen: 102.512 ug/l
RT: 7.01 min Scan# 865
Delta R.T. -0.00 min
Lab File: VY002514.D
Acq: 30 Apr 2020 15:44

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

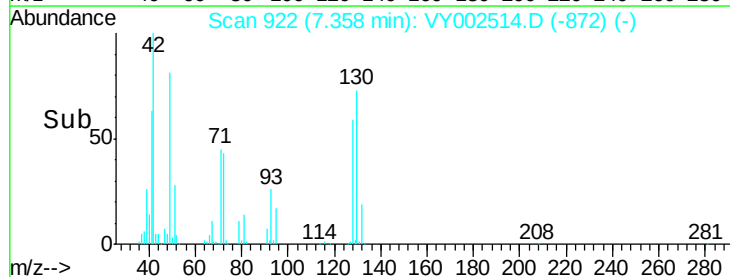
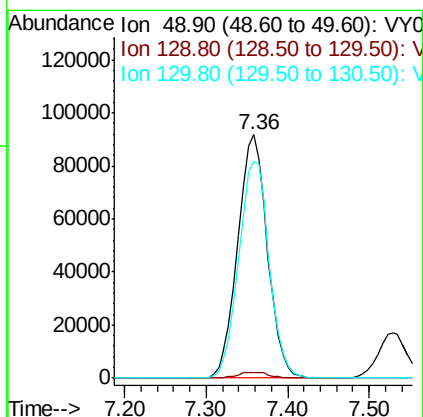
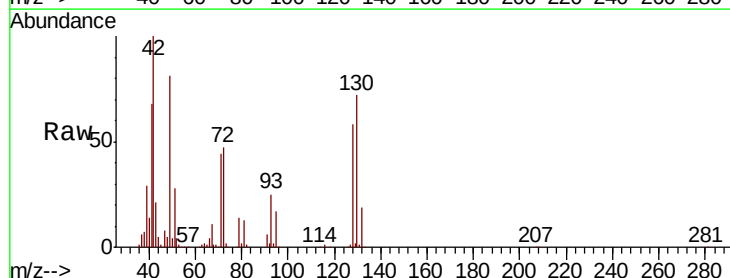
Tot Ion	Ratio	Lower	Upper
96	100		
61	132.5	0.0	266.6
98	64.8	0.0	129.2

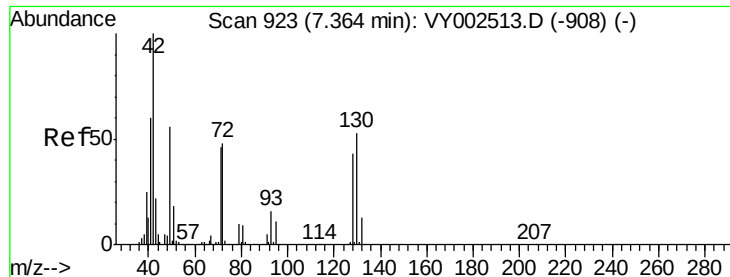


#28

Bromochloromethane
Concen: 102.486 ug/l
RT: 7.36 min Scan# 922
Delta R.T. 0.01 min
Lab File: VY002514.D
Acq: 30 Apr 2020 15:44

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	4.8
130	92.0	72.5	108.7

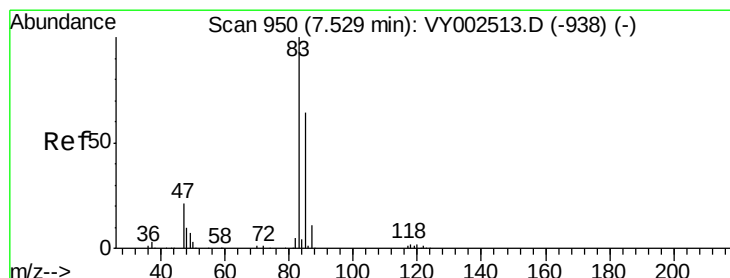
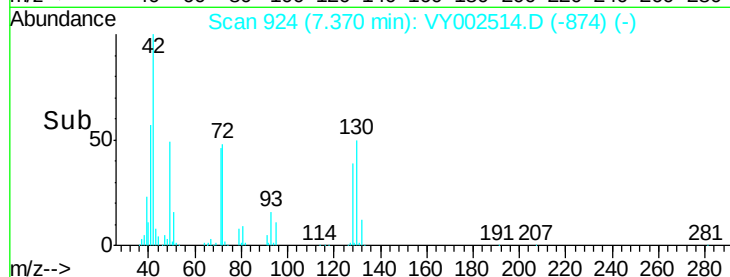
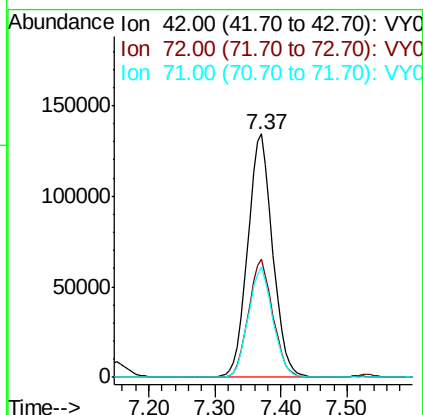
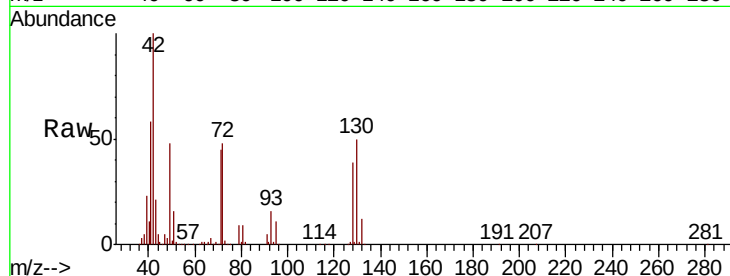




#29
Tetrahydrofuran
Concen: 514.114 ug/l
RT: 7.37 min Scan# 924
Delta R.T. 0.01 min
Lab File: VY002514.D
Acq: 30 Apr 2020 15:44

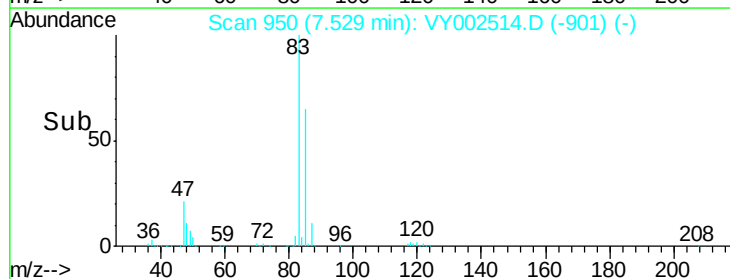
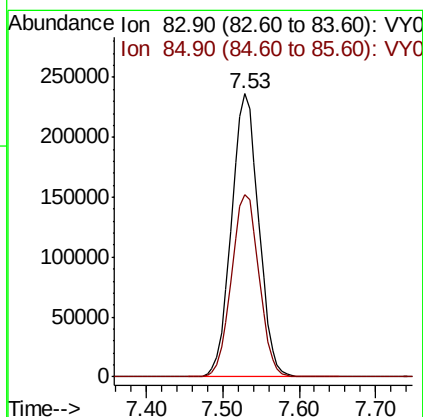
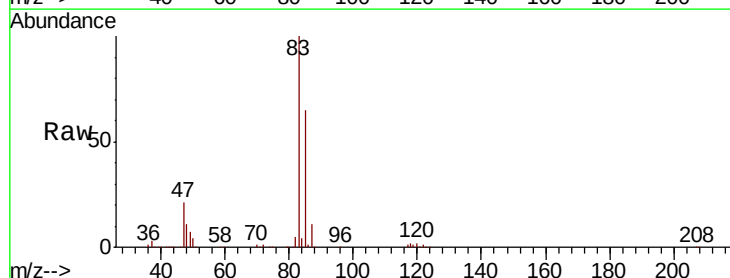
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

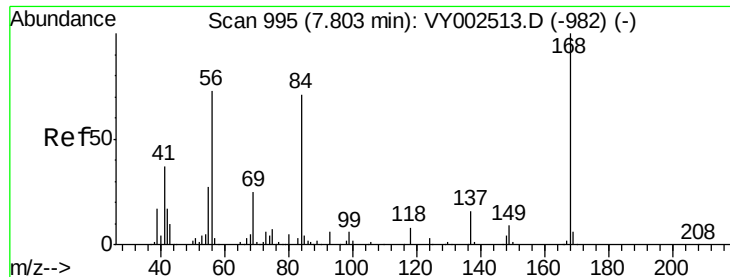
Tot Ion: 42 Resp: 353281
Ion Ratio Lower Upper
42 100
72 47.4 37.4 56.2
71 44.5 35.0 52.4



#30
Chloroform
Concen: 101.946 ug/l
RT: 7.53 min Scan# 950
Delta R.T. -0.00 min
Lab File: VY002514.D
Acq: 30 Apr 2020 15:44

Tgt Ion: 83 Resp: 581915
Ion Ratio Lower Upper
83 100
85 64.5 51.5 77.3

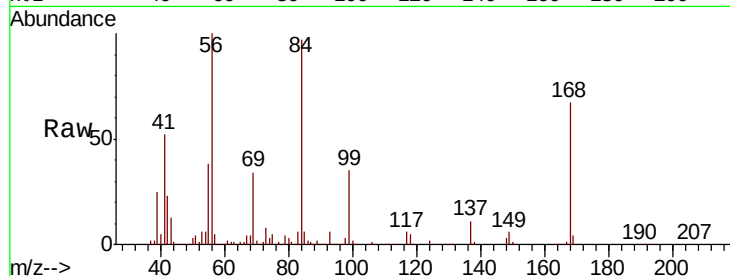




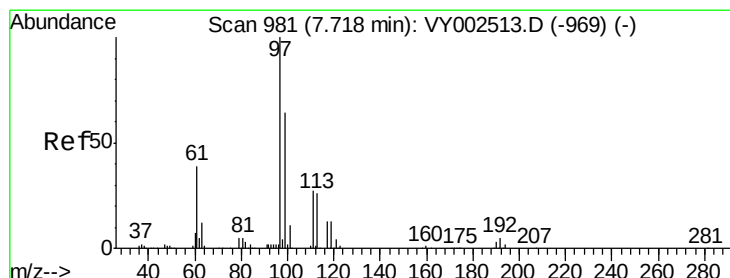
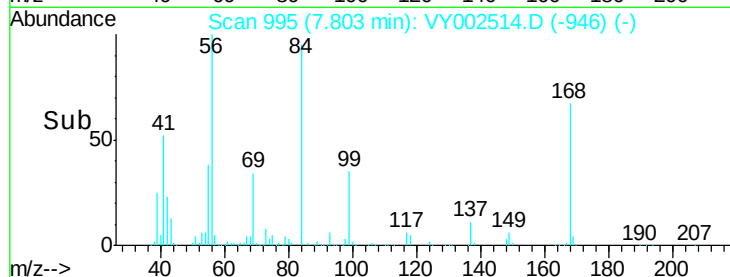
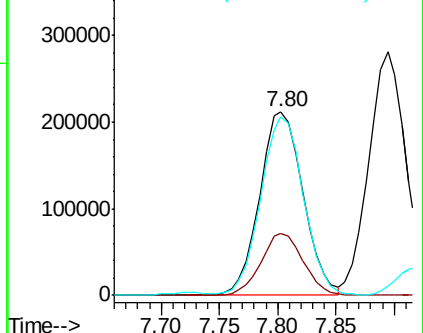
#31
Cyclohexane
Concen: 99.146 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.00 min
Lab File: VY002514.D
Acq: 30 Apr 2020 15:44

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tot Ion	56	Ratio	Lower	Upper
56	100			
69	33.9	27.6	41.4	
84	95.4	77.7	116.5	

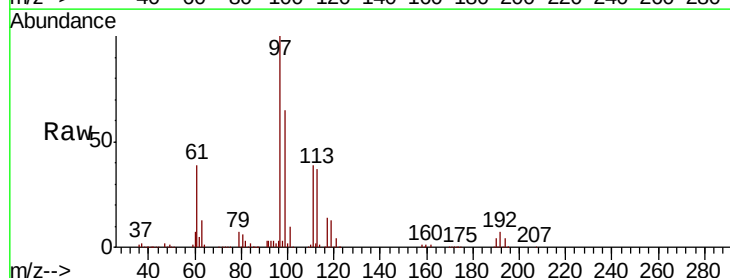


Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0

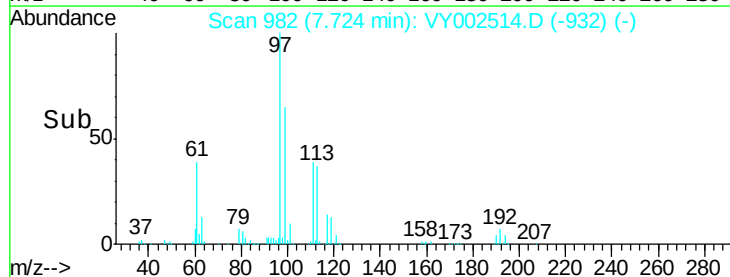
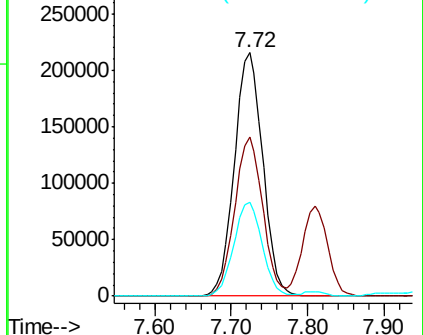


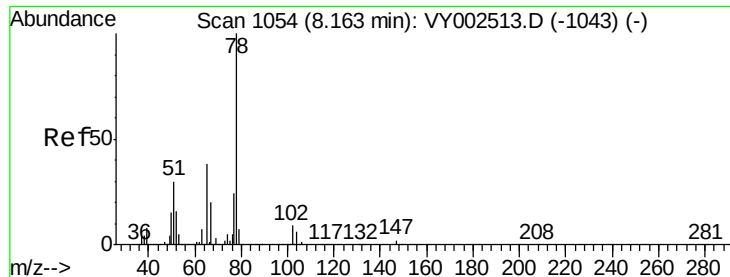
#32
1,1,1-Trichloroethane
Concen: 104.399 ug/l
RT: 7.72 min Scan# 982
Delta R.T. 0.01 min
Lab File: VY002514.D
Acq: 30 Apr 2020 15:44

Tgt Ion	97	Ratio	Lower	Upper
97	100			
99	64.9	51.9	77.9	
61	38.5	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

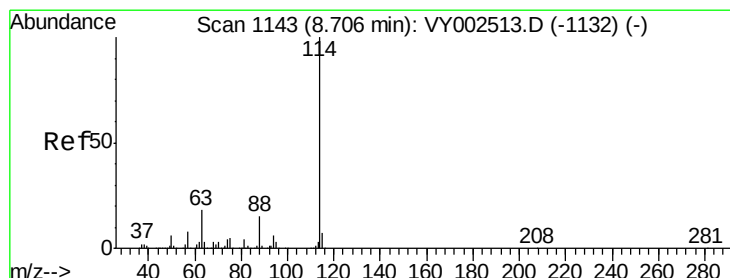
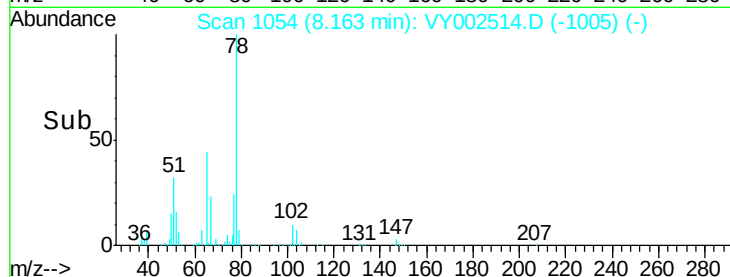
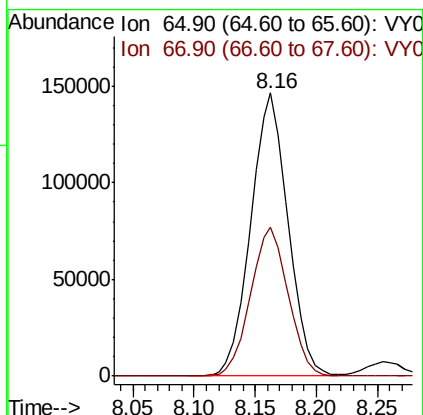
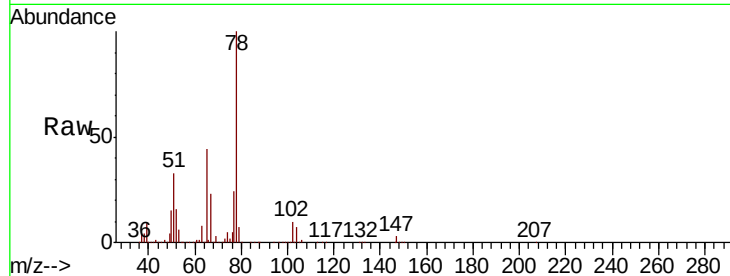




#33
 1,2-Dichloroethane-d4
 Concen: 100.995 ug/l
 RT: 8.16 min Scan# 1054
 Delta R.T. -0.00 min
 Lab File: VY002514.D
 Acq: 30 Apr 2020 15:44

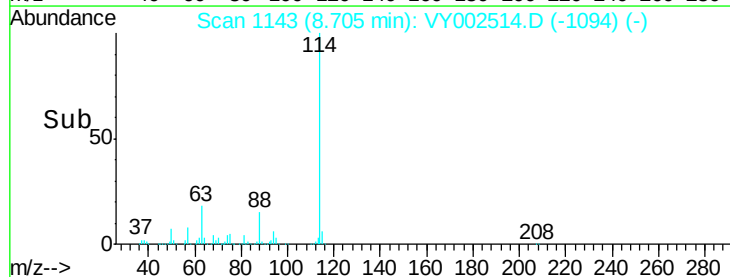
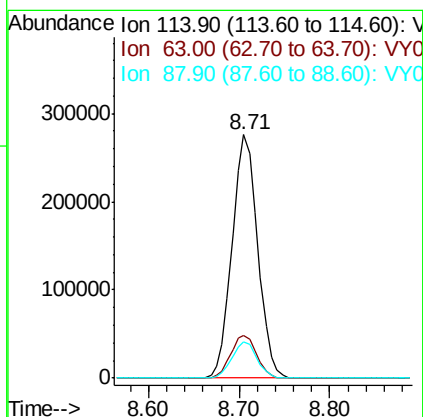
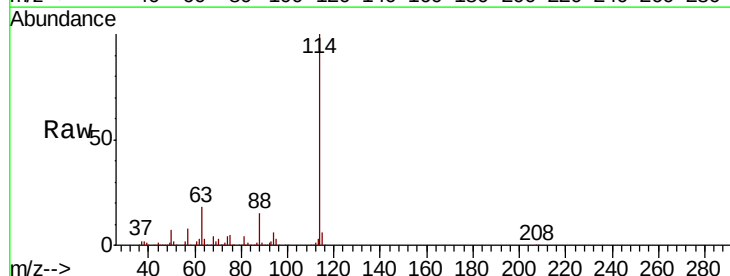
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

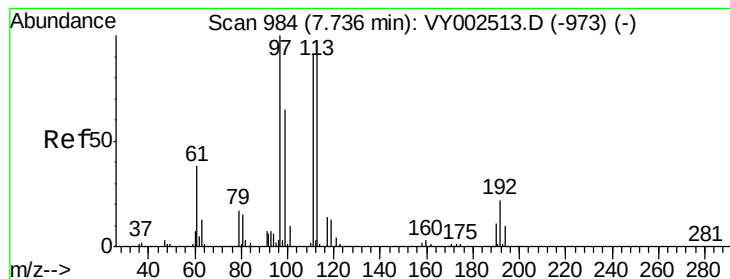
Tot Ion	Ratio	Lower	Upper
65	100		
67	53.2	0.0	107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. -0.00 min
 Lab File: VY002514.D
 Acq: 30 Apr 2020 15:44

Tgt Ion	Ratio	Lower	Upper
114	100		
63	17.6	0.0	36.4
88	14.8	0.0	29.6





#35

Dibromofluoromethane

Concen: 101.381 ug/l

RT: 7.74 min Scan# 984

Delta R.T. -0.00 min

Lab File: VY002514.D

Acq: 30 Apr 2020 15:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

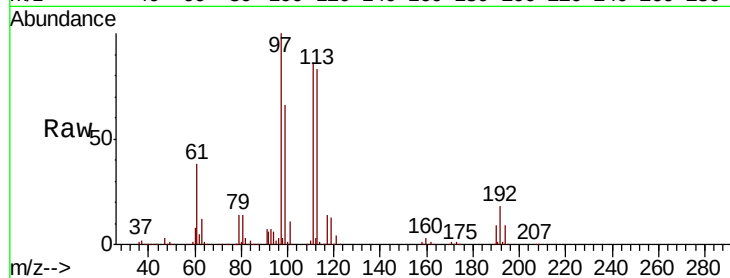
Tot Ion:113 Resp: 313187

Ion Ratio Lower Upper

113 100

111 103.2 81.8 122.6

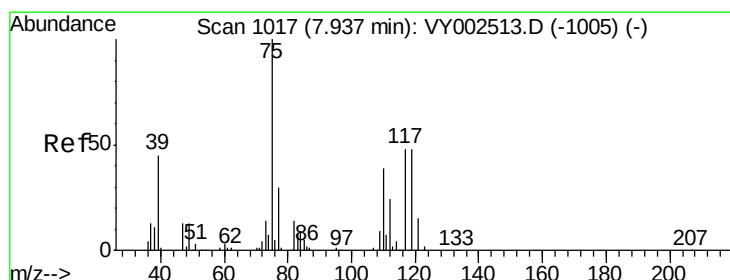
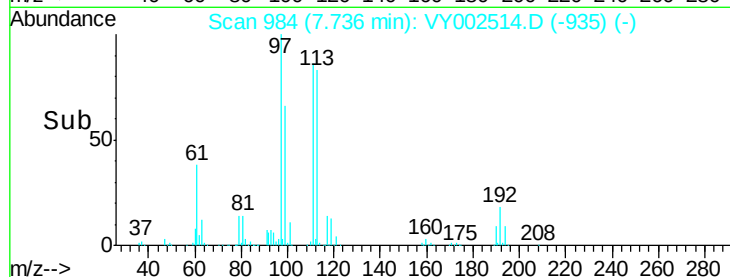
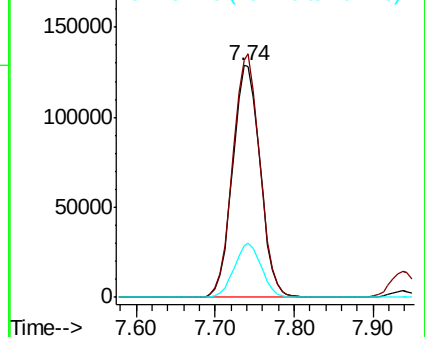
192 22.7 18.2 27.4



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: 104.448 ug/l

RT: 7.94 min Scan# 1017

Delta R.T. -0.00 min

Lab File: VY002514.D

Acq: 30 Apr 2020 15:44

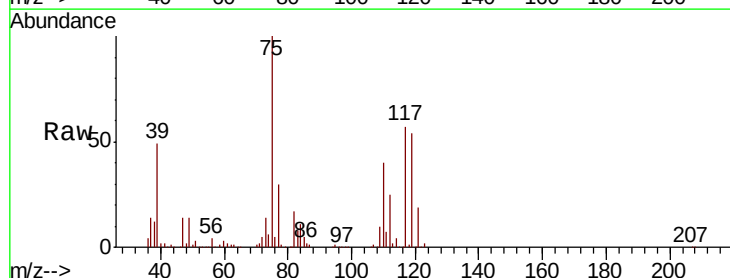
Tgt Ion: 75 Resp: 472964

Ion Ratio Lower Upper

75 100

110 38.6 19.1 57.3

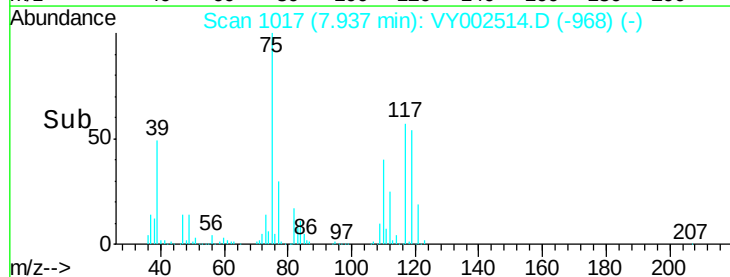
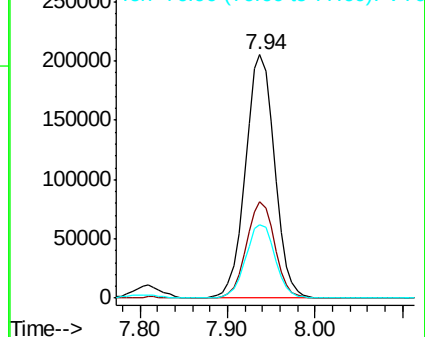
77 30.9 24.6 37.0

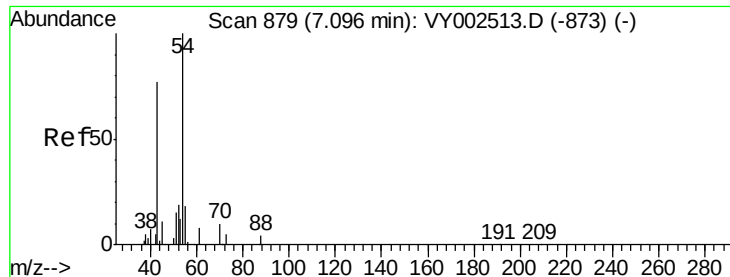


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

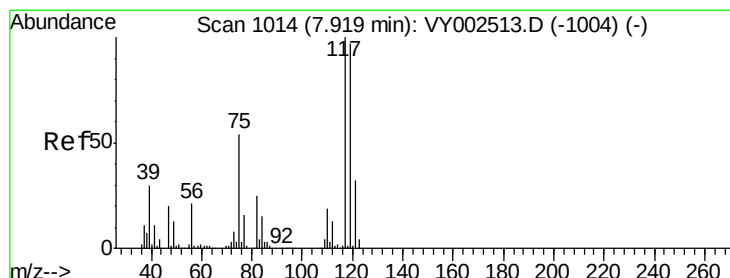
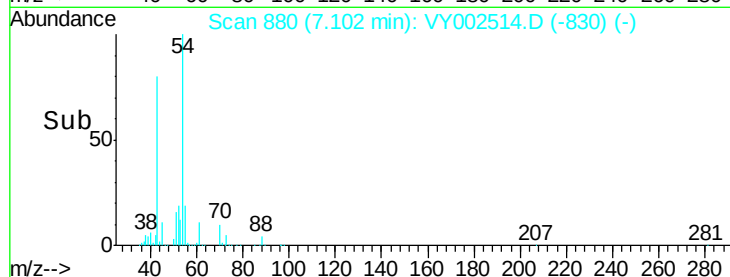
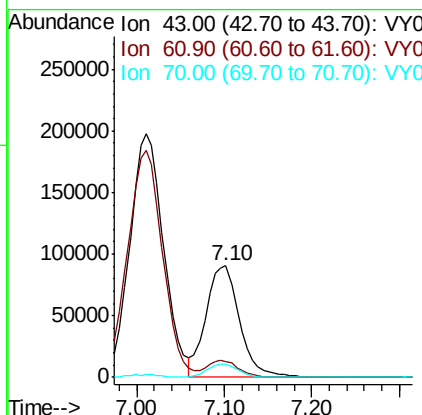
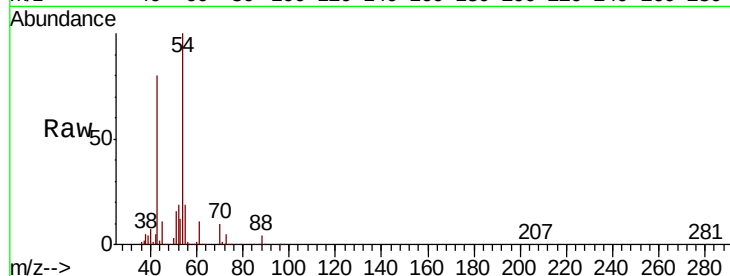




#37
Ethyl Acetate
Concen: 103.620 ug/l
RT: 7.10 min Scan# 880
Delta R.T. 0.01 min
Lab File: VY002514.D
Acq: 30 Apr 2020 15:44

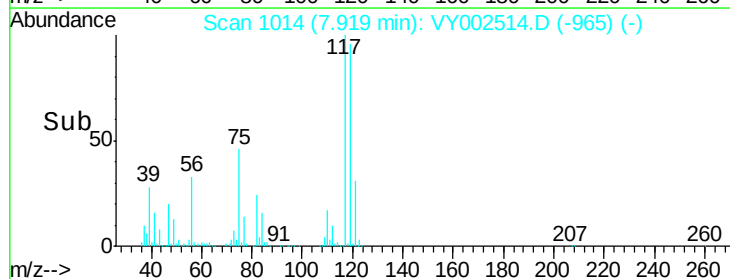
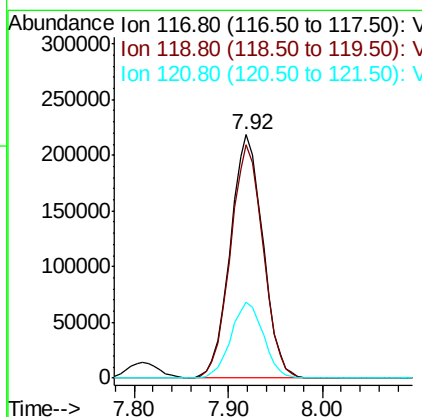
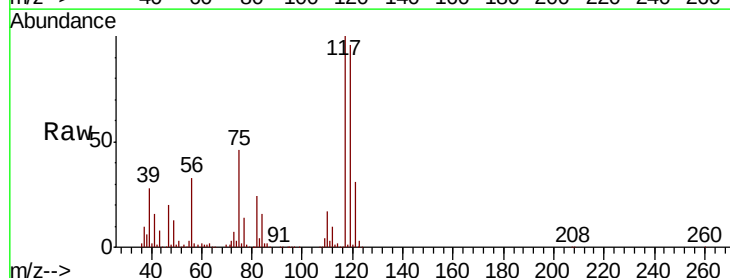
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

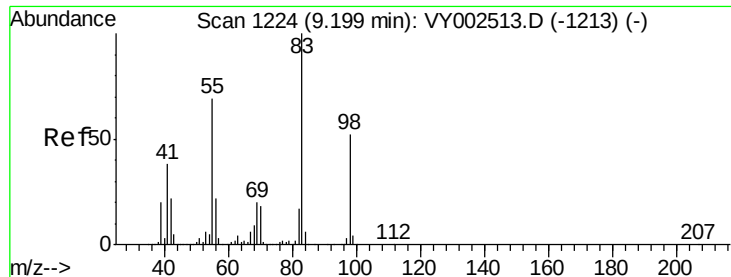
Tot Ion: 43 Resp: 241119
Ion Ratio Lower Upper
43 100
61 14.5 11.6 17.4
70 11.4 9.0 13.6



#38
Carbon Tetrachloride
Concen: 106.473 ug/l
RT: 7.92 min Scan# 1014
Delta R.T. -0.00 min
Lab File: VY002514.D
Acq: 30 Apr 2020 15:44

Tgt Ion: 117 Resp: 526372
Ion Ratio Lower Upper
117 100
119 95.7 77.1 115.7
121 31.0 25.2 37.8

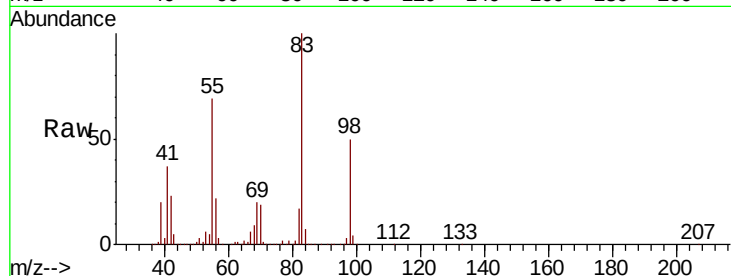




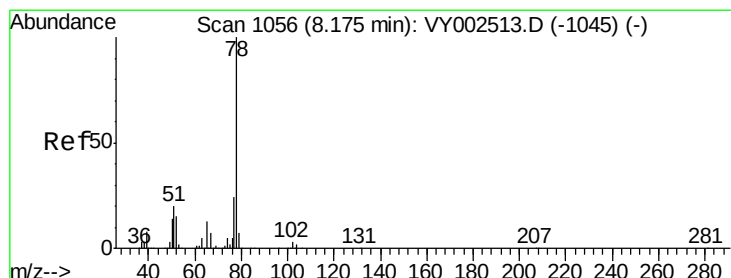
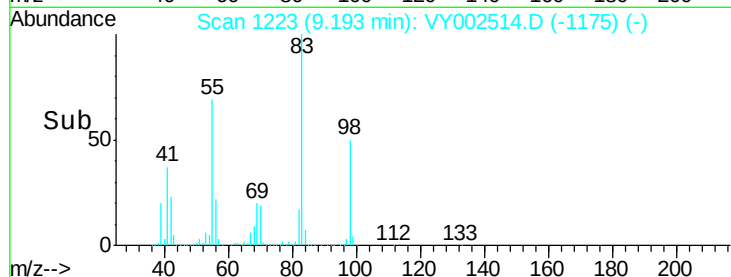
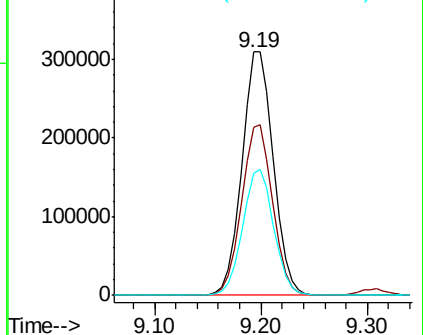
#39
Methylvlcyclohexane
Concen: 106.884 ug/l
RT: 9.19 min Scan# 1223
Delta R.T. -0.01 min
Lab File: VY002514.D
Acq: 30 Apr 2020 15:44

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tot Ion: 83 Resp: 639264
Ion Ratio Lower Upper
83 100
55 68.9 55.4 83.0
98 50.1 41.3 61.9

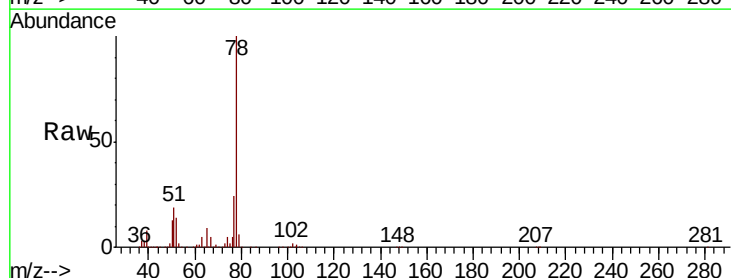


Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

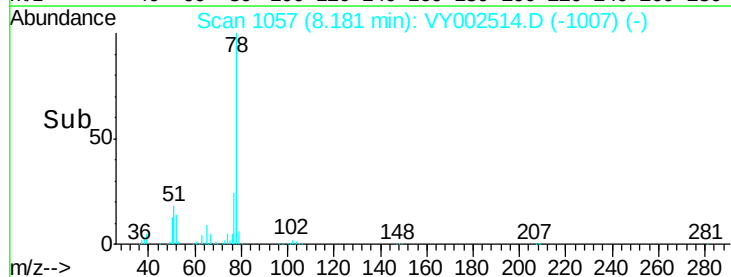
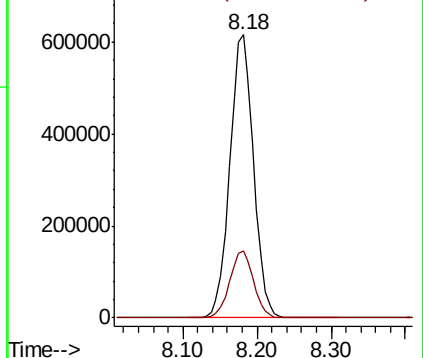


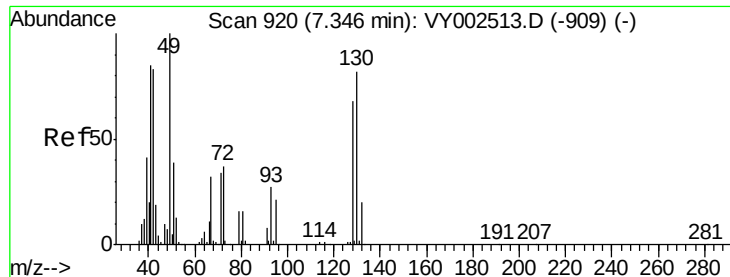
#40
Benzene
Concen: 104.294 ug/l
RT: 8.18 min Scan# 1057
Delta R.T. 0.01 min
Lab File: VY002514.D
Acq: 30 Apr 2020 15:44

Tgt Ion: 78 Resp: 1364013
Ion Ratio Lower Upper
78 100
77 23.8 19.2 28.8



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

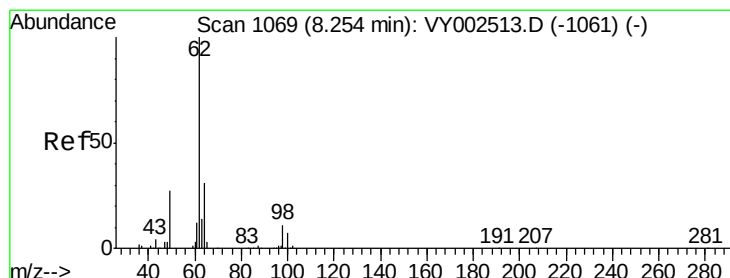
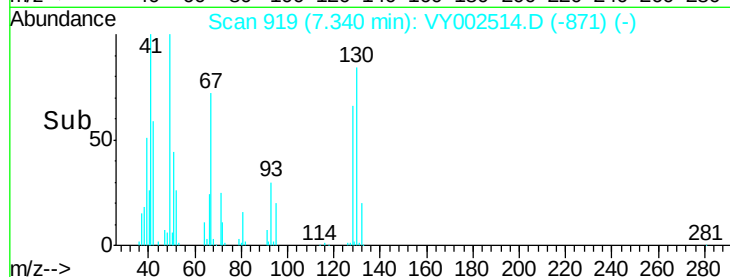
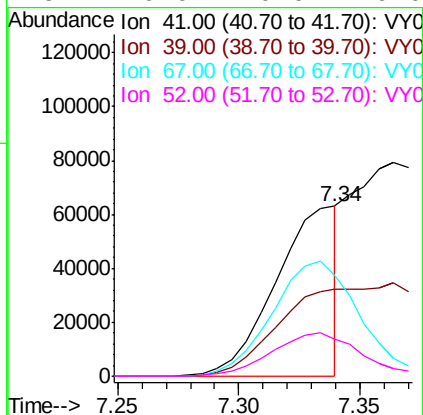
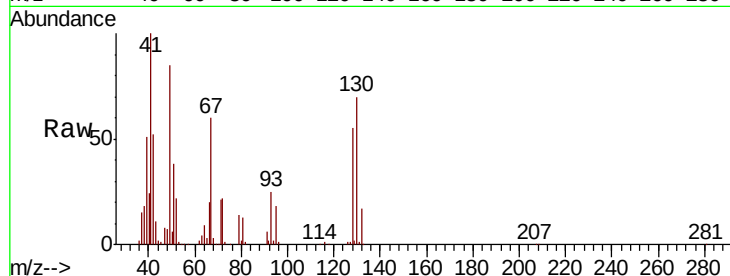




#41
Methacrylonitrile
Concen: 93.812 ug/l m
RT: 7.34 min Scan# 919
Delta R.T. -0.01 min
Lab File: VY002514.D
Acq: 30 Apr 2020 15:44

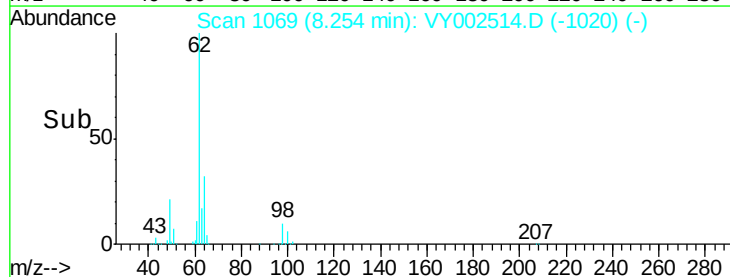
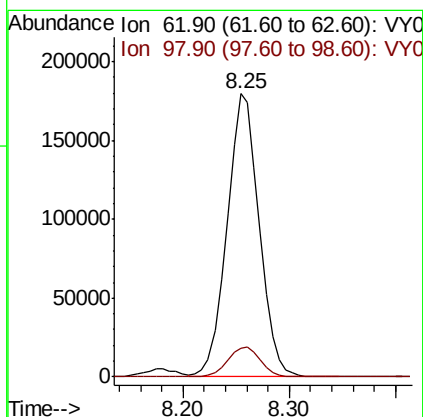
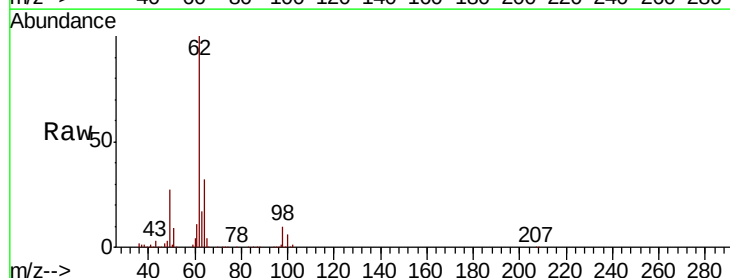
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

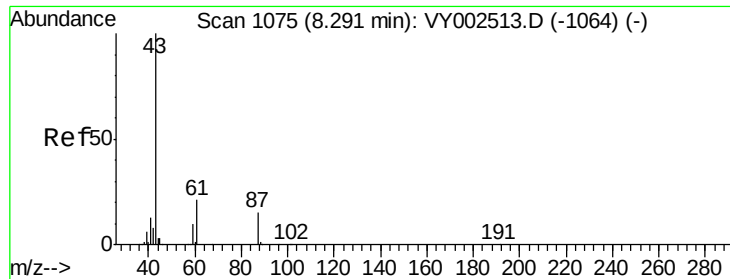
Tot Ion:	41	Resp:	114109
Ion	Ratio	Lower	Upper
41	100		
39	131.7	83.1	124.7#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 103.156 ug/l
RT: 8.25 min Scan# 1069
Delta R.T. -0.00 min
Lab File: VY002514.D
Acq: 30 Apr 2020 15:44

Tgt Ion:	62	Resp:	378430
Ion	Ratio	Lower	Upper
62	100		
98	10.8	0.0	21.0





#43

Isopropyl Acetate

Concen: 106.453 ug/l

RT: 8.29 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VY002514.D

Acq: 30 Apr 2020 15:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

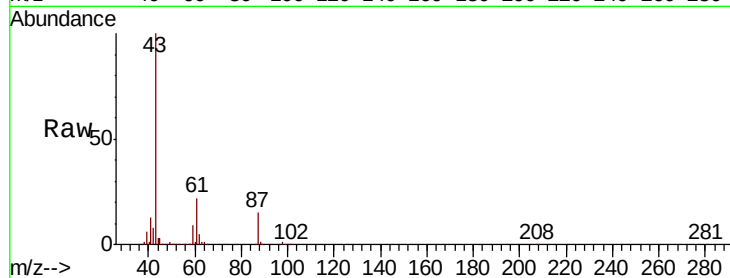
Tot Ion: 43 Resp: 464389

Ion Ratio Lower Upper

43 100

61 30.5 24.8 37.2

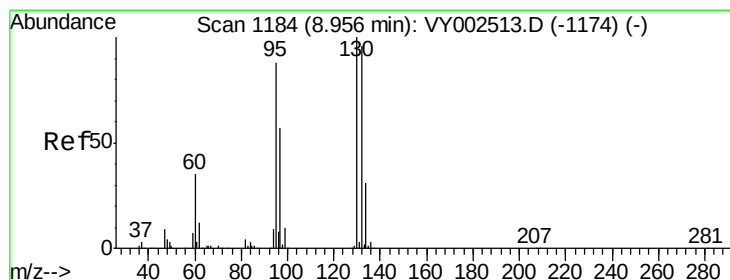
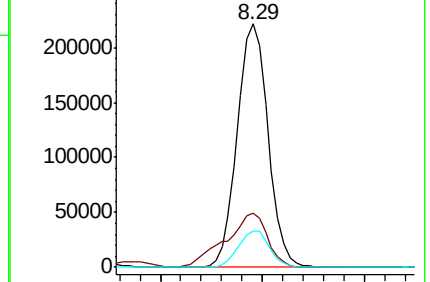
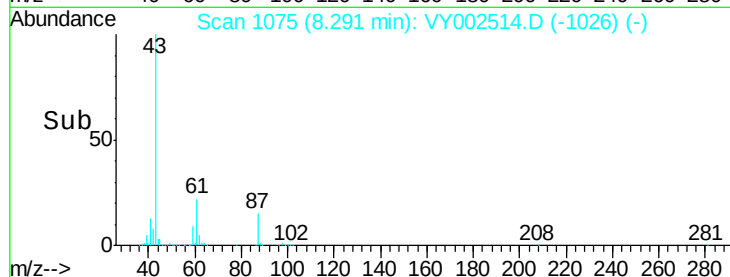
87 15.1 12.2 18.2



Abundance Ion 43.00 (42.70 to 43.70): VY002514.D (-1026) (-)

Ion 61.00 (60.70 to 61.70): VY002514.D (-1026) (-)

Ion 87.00 (86.70 to 87.70): VY002514.D (-1026) (-)



#44

Trichloroethene

Concen: 104.312 ug/l

RT: 8.96 min Scan# 1184

Delta R.T. -0.00 min

Lab File: VY002514.D

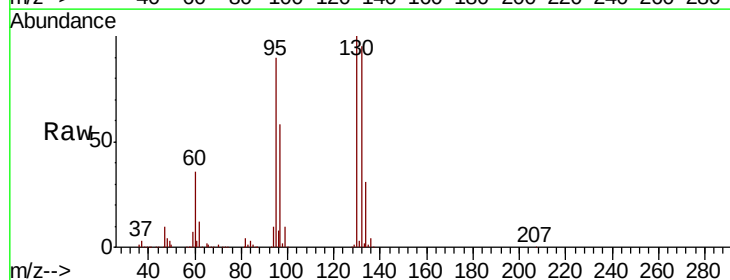
Acq: 30 Apr 2020 15:44

Tgt Ion:130 Resp: 426345

Ion Ratio Lower Upper

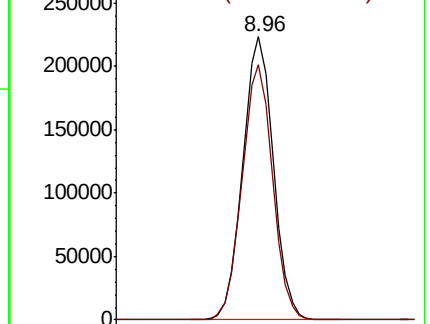
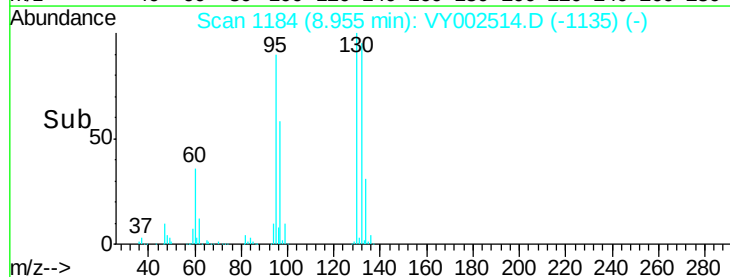
130 100

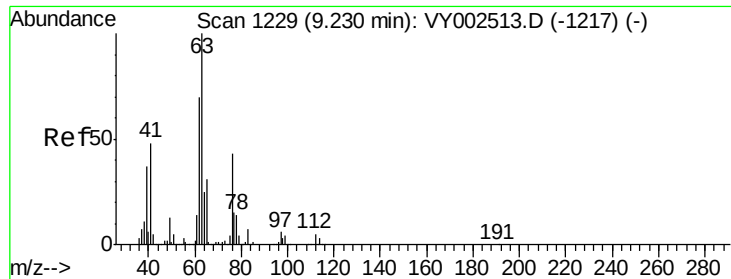
95 90.2 0.0 175.8



Abundance Ion 129.80 (129.50 to 130.50): VY002514.D (-1135) (-)

Ion 94.90 (94.60 to 95.60): VY002514.D (-1135) (-)





#45

1,2-Dichloropropane

Concen: 103.508 ug/l

RT: 9.23 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VY002514.D

Acq: 30 Apr 2020 15:44

Instrument :

MSVOA_Y

ClientSampleId :

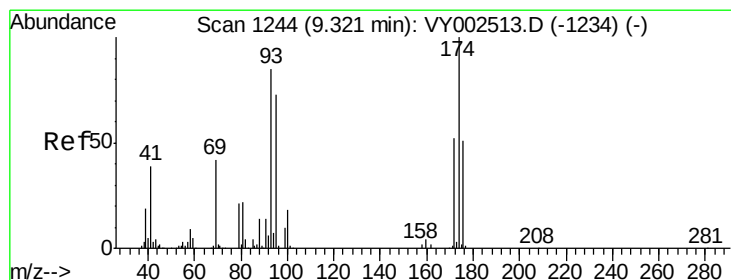
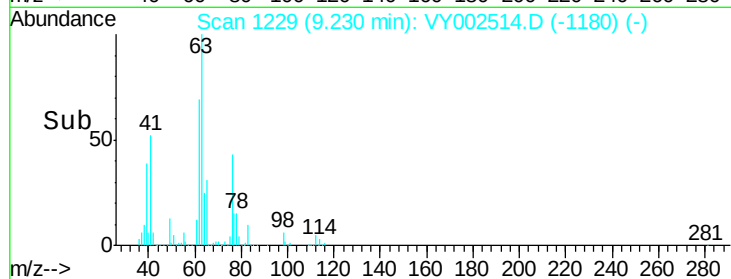
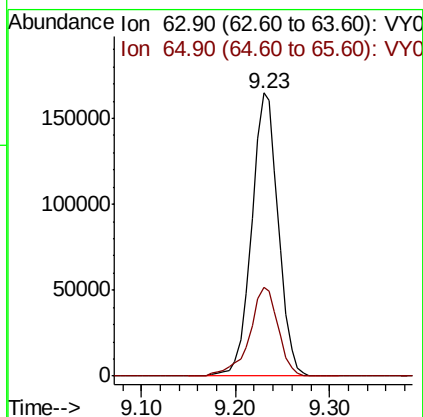
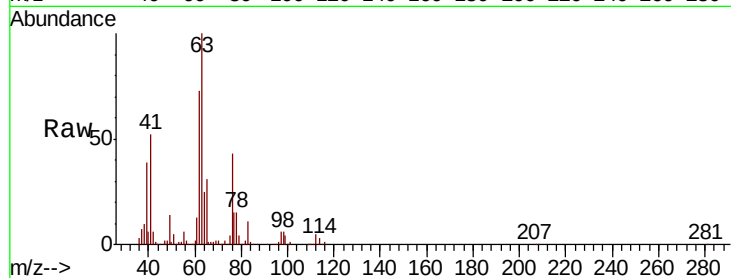
VSTDIC100

Tot Ion: 63 Resp: 326716

Ion Ratio Lower Upper

63 100

65 31.2 24.5 36.7



#46

Dibromomethane

Concen: 104.514 ug/l

RT: 9.32 min Scan# 1244

Delta R.T. -0.00 min

Lab File: VY002514.D

Acq: 30 Apr 2020 15:44

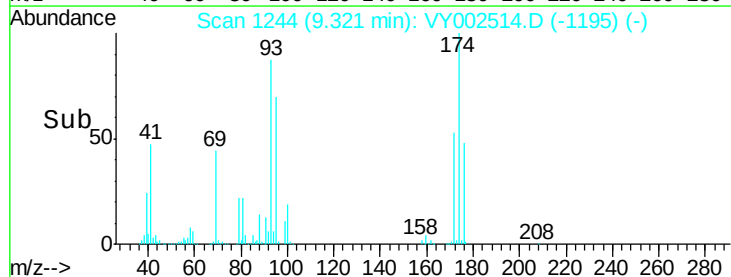
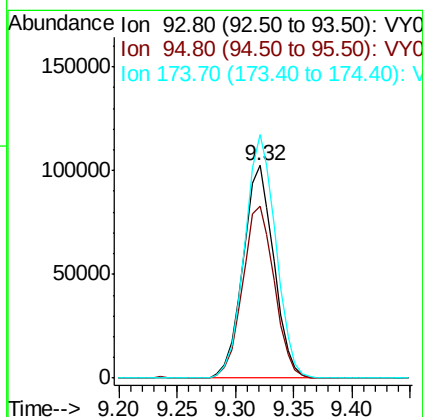
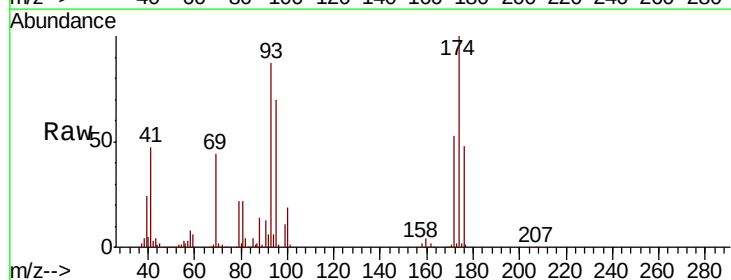
Tgt Ion: 93 Resp: 189806

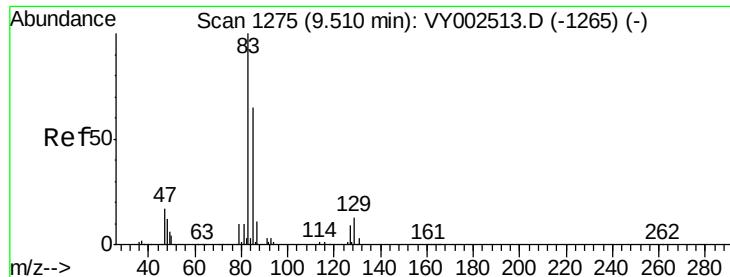
Ion Ratio Lower Upper

93 100

95 82.8 67.0 100.4

174 115.3 92.7 139.1





#47

Bromodichloromethane

Concen: 105.360 ug/l

RT: 9.51 min Scan# 1275

Delta R.T. -0.00 min

Lab File: VY002514.D

Acq: 30 Apr 2020 15:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

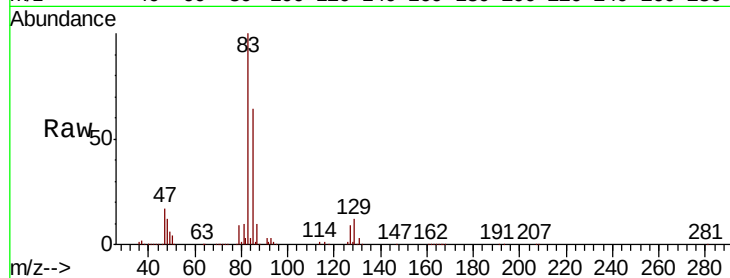
Tot Ion: 83 Resp: 465254

Ion Ratio Lower Upper

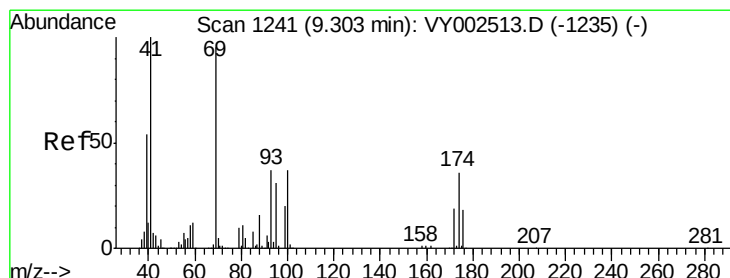
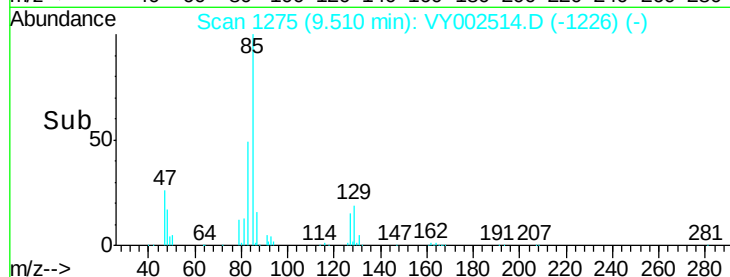
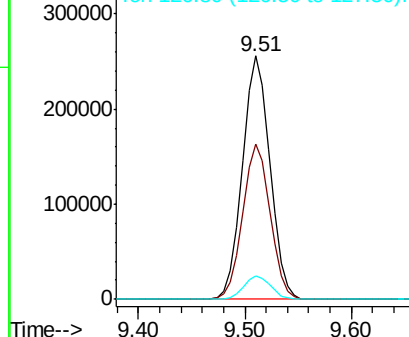
83 100

85 63.6 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): V



#48

Methyl methacrylate

Concen: 106.809 ug/l

RT: 9.30 min Scan# 1241

Delta R.T. -0.00 min

Lab File: VY002514.D

Acq: 30 Apr 2020 15:44

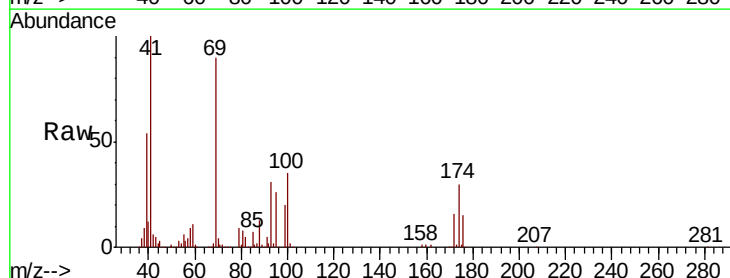
Tgt Ion: 41 Resp: 210869

Ion Ratio Lower Upper

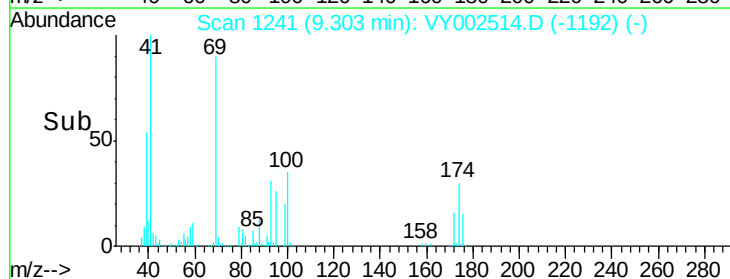
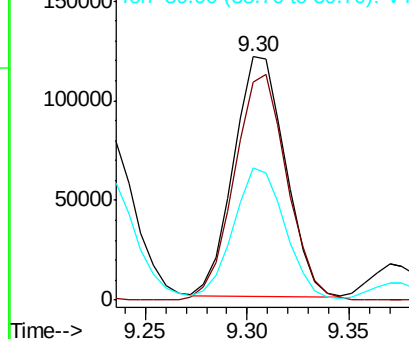
41 100

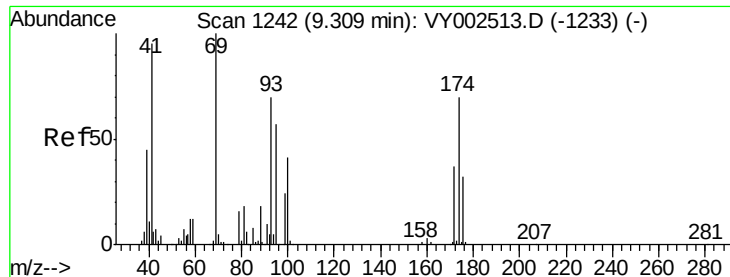
69 96.4 76.2 114.4

39 53.9 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: 2076.142 ug/l

RT: 9.31 min Scan# 1243

Delta R.T. 0.01 min

Lab File: VY002514.D

Acq: 30 Apr 2020 15:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

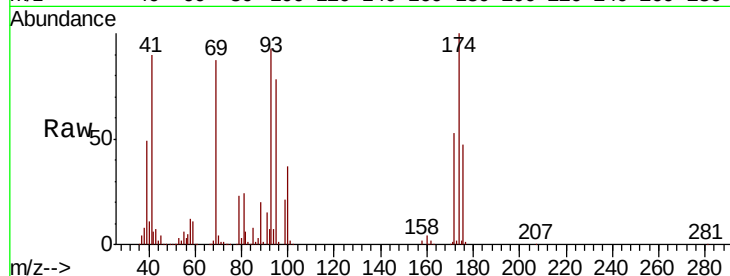
Tot Ion: 88 Resp: 49922

Ion Ratio Lower Upper

88 100

43 28.6 22.8 34.2

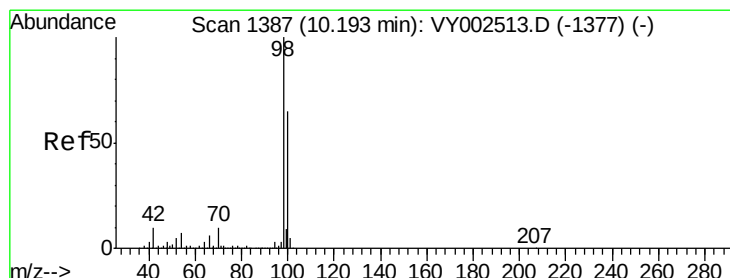
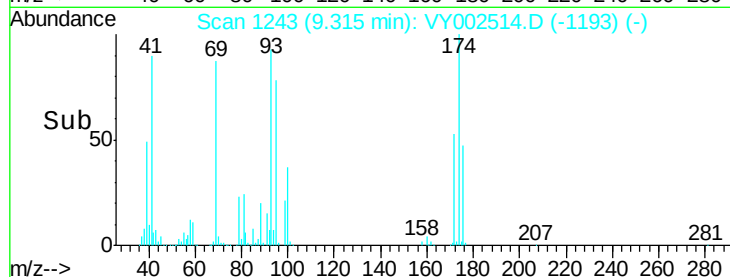
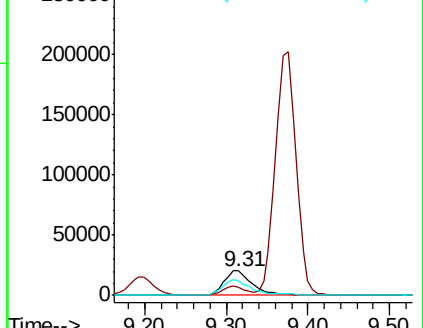
58 66.0 51.4 77.2



Abundance Ion 88.00 (87.70 to 88.70): VY002514.D (-1193) (-)

Ion 43.00 (42.70 to 43.70): VY002514.D (-1193) (-)

Ion 58.00 (57.70 to 58.70): VY002514.D (-1193) (-)



#50

Toluene-d8

Concen: 101.855 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. -0.00 min

Lab File: VY002514.D

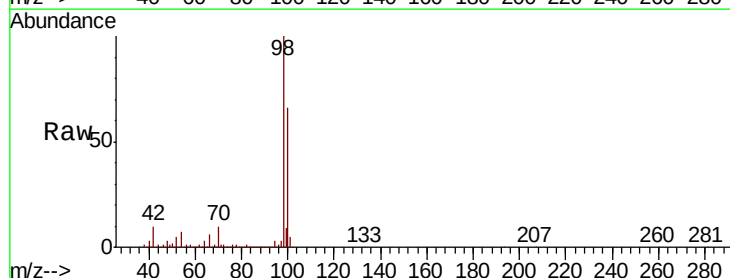
Acq: 30 Apr 2020 15:44

Tgt Ion: 98 Resp: 1228755

Ion Ratio Lower Upper

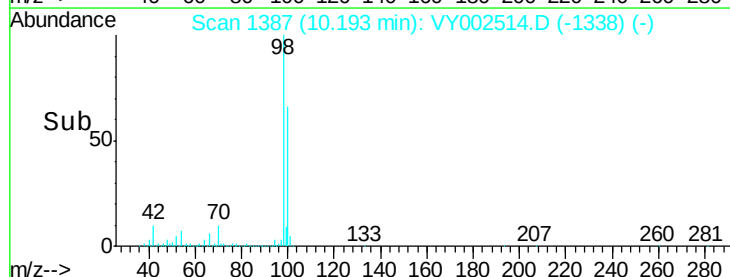
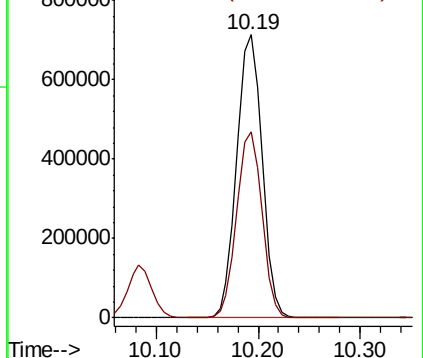
98 100

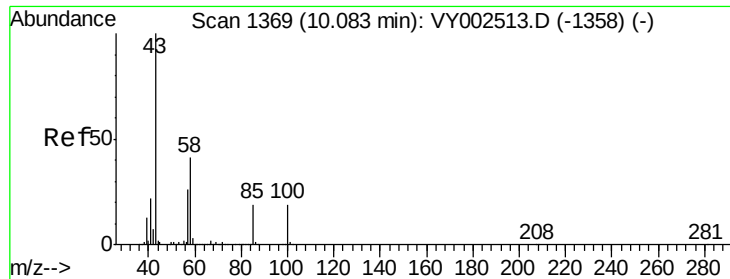
100 65.5 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VY002514.D (-1338) (-)

Ion 100.00 (99.70 to 100.70): VY002514.D (-1338) (-)

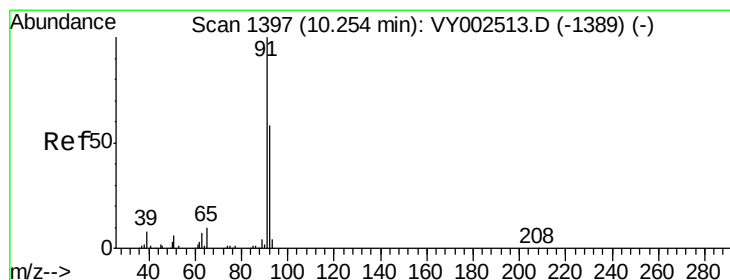
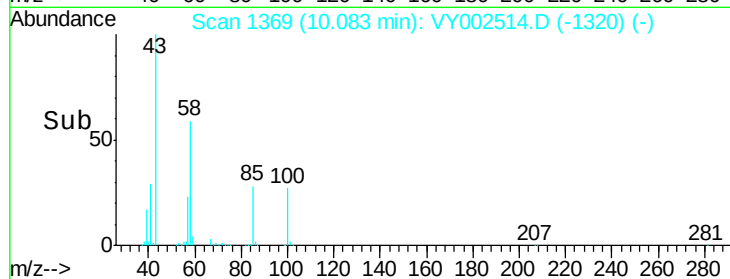
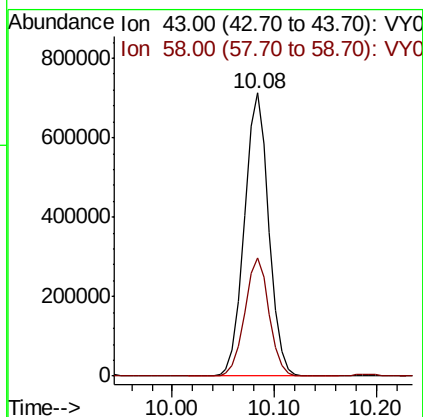
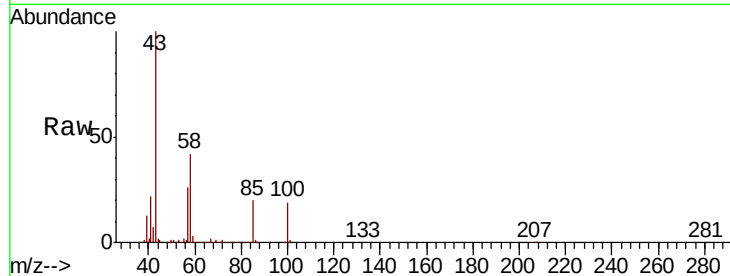




#51
4-Methyl-2-Pentanone
Concen: 524.313 ug/l
RT: 10.08 min Scan# 1369
Delta R.T. -0.00 min
Lab File: VY002514.D
Acq: 30 Apr 2020 15:44

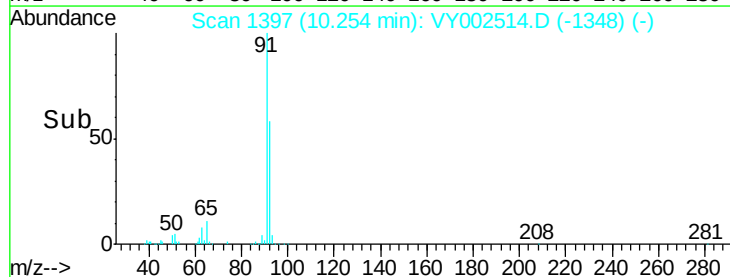
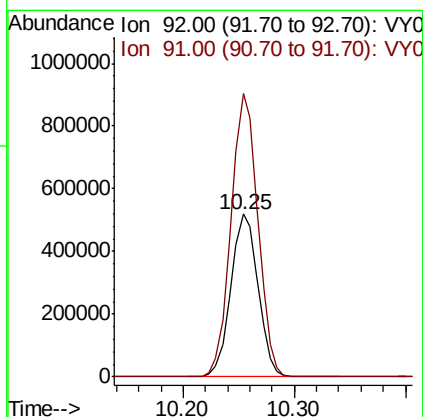
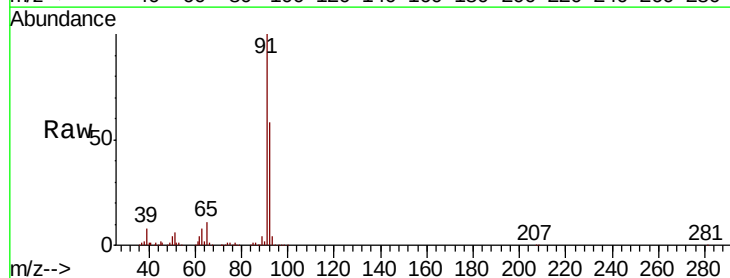
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

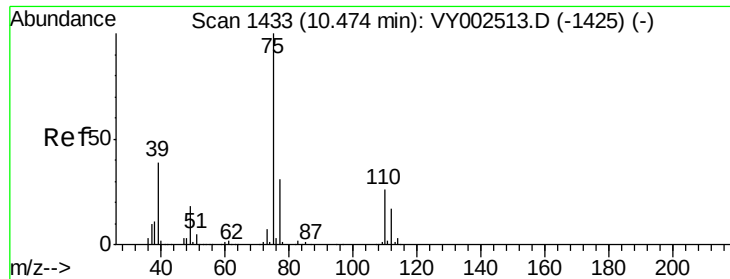
Tot Ion: 43 Resp: 1178934
Ion Ratio Lower Upper
43 100
58 41.8 33.2 49.8



#52
Toluene
Concen: 104.296 ug/l
RT: 10.25 min Scan# 1397
Delta R.T. -0.00 min
Lab File: VY002514.D
Acq: 30 Apr 2020 15:44

Tgt Ion: 92 Resp: 876634
Ion Ratio Lower Upper
92 100
91 172.3 139.3 208.9





#53

t-1,3-Dichloropropene

Concen: 106.364 ug/l

RT: 10.47 min Scan# 1433

Delta R.T. -0.00 min

Lab File: VY002514.D

Acq: 30 Apr 2020 15:44

Instrument :

MSVOA_Y

ClientSampleId :

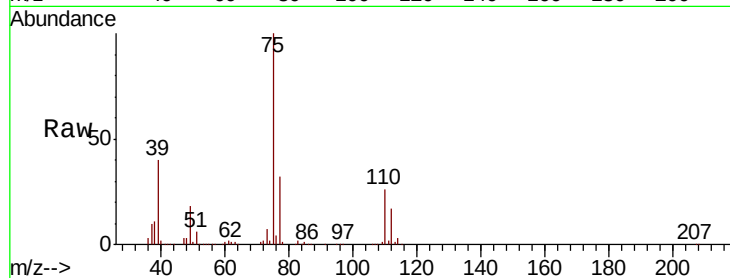
VSTDIC100

Tot Ion: 75 Resp: 492116

Ion Ratio Lower Upper

75 100

77 31.6 25.0 37.6



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

10.47

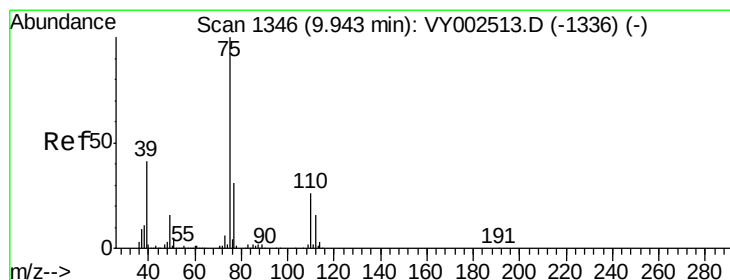
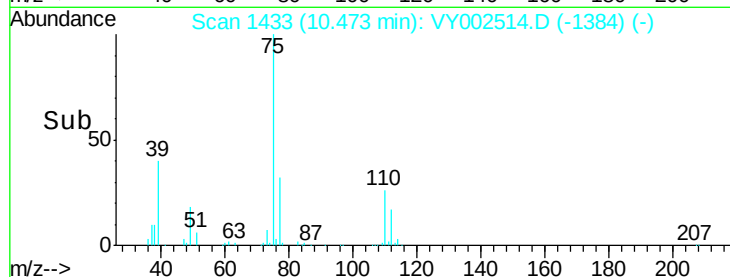
300000

200000

100000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 104.526 ug/l

RT: 9.94 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VY002514.D

Acq: 30 Apr 2020 15:44

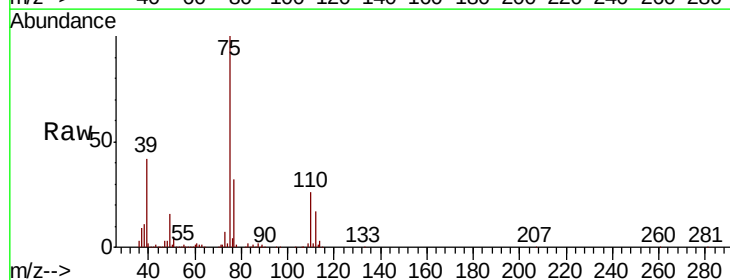
Tgt Ion: 75 Resp: 559084

Ion Ratio Lower Upper

75 100

77 32.1 25.1 37.7

39 42.2 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

9.94

400000

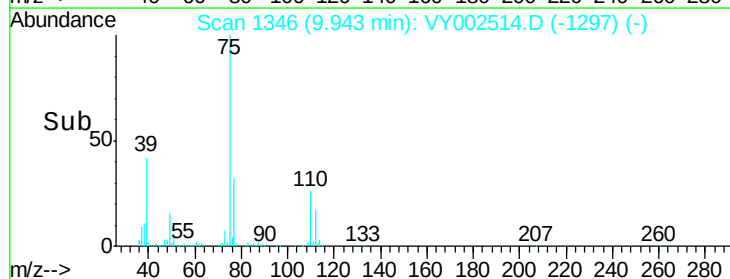
300000

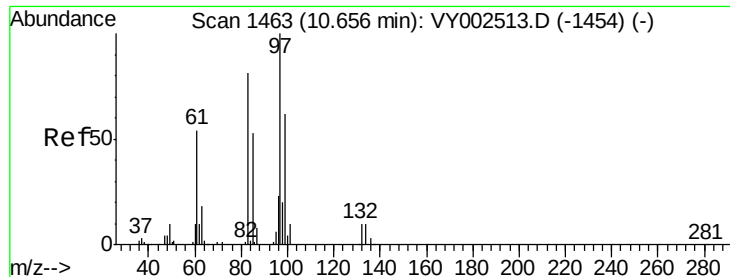
200000

100000

0

Time-->





#55

1,1,2-Trichloroethane

Concen: 102.849 ug/l

RT: 10.66 min Scan# 1463

Delta R.T. -0.00 min

Lab File: VY002514.D

Acq: 30 Apr 2020 15:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tot Ion: 97 Resp: 272381

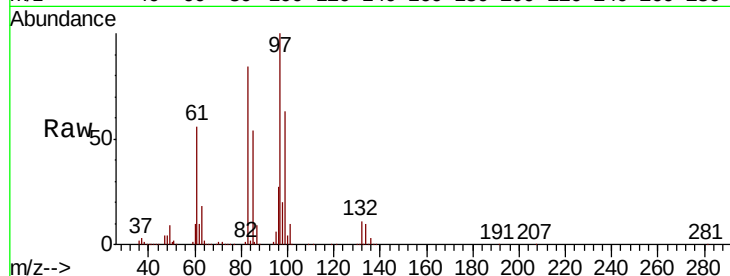
Ion Ratio Lower Upper

97 100

83 84.0 65.1 97.7

85 53.7 42.7 64.1

99 63.0 50.0 75.0



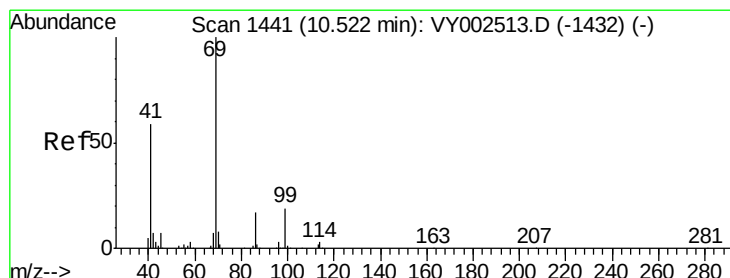
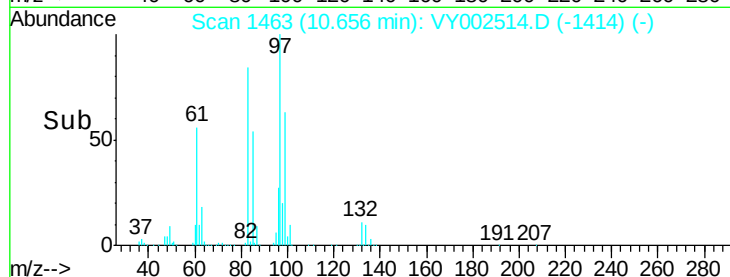
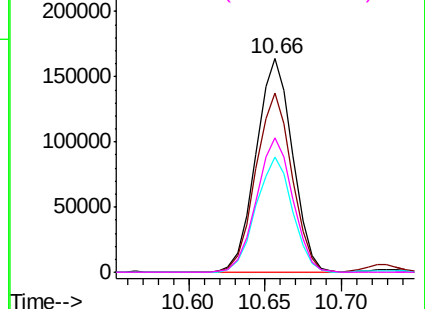
Abundance

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: 107.708 ug/l

RT: 10.52 min Scan# 1441

Delta R.T. -0.00 min

Lab File: VY002514.D

Acq: 30 Apr 2020 15:44

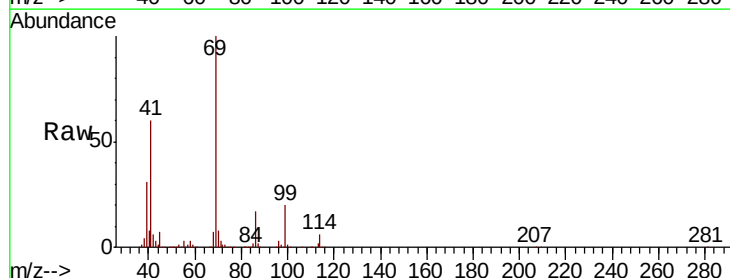
Tgt Ion: 69 Resp: 379471

Ion Ratio Lower Upper

69 100

41 60.7 48.6 73.0

39 31.0 25.0 37.4

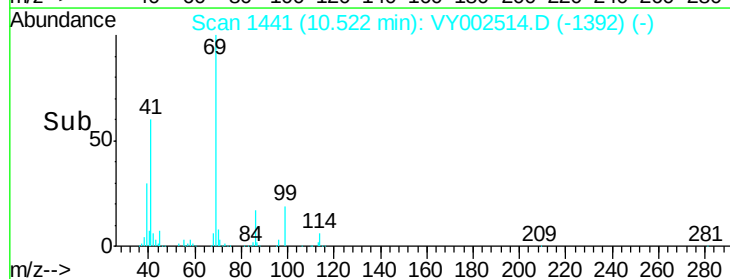
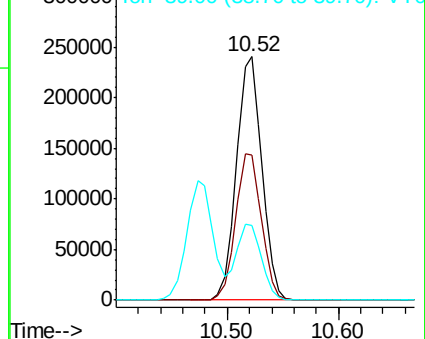


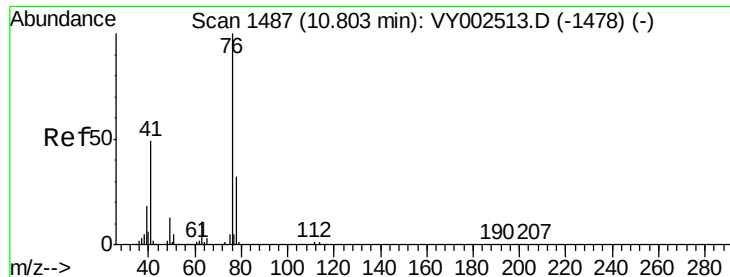
Abundance

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: 103.624 ug/l

RT: 10.80 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VY002514.D

Acq: 30 Apr 2020 15:44

Instrument :

MSVOA_Y

ClientSampleId :

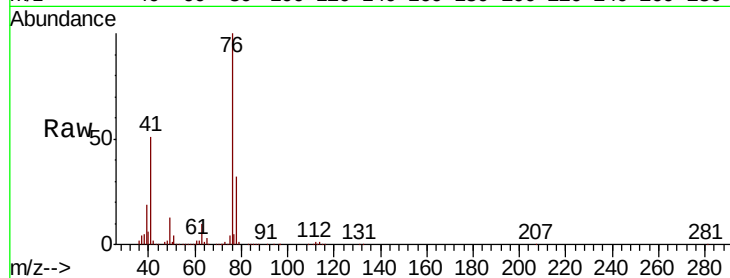
VSTDIC100

Tot Ion: 76 Resp: 465394

Ion Ratio Lower Upper

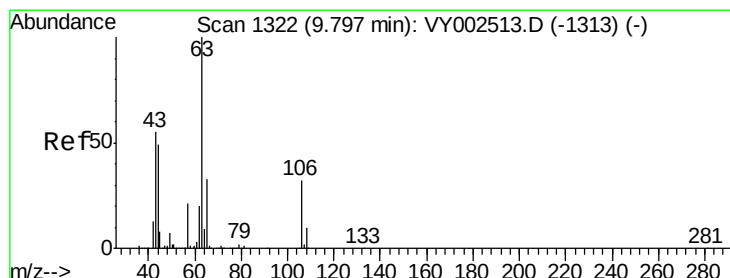
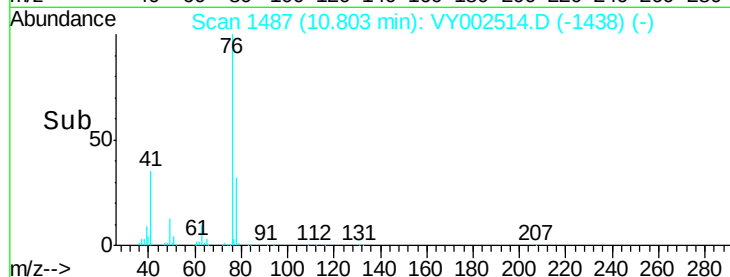
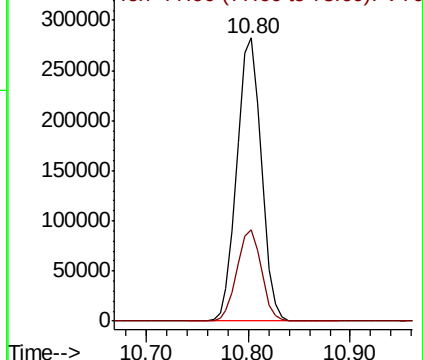
76 100

78 32.4 25.4 38.2



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#58

2-Chloroethyl Vinyl ether

Concen: 507.374 ug/l

RT: 9.80 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VY002514.D

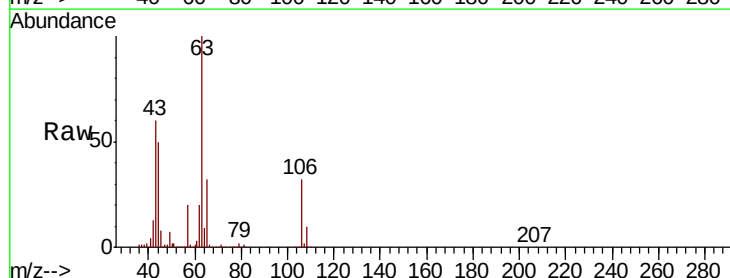
Acq: 30 Apr 2020 15:44

Tgt Ion: 63 Resp: 942670

Ion Ratio Lower Upper

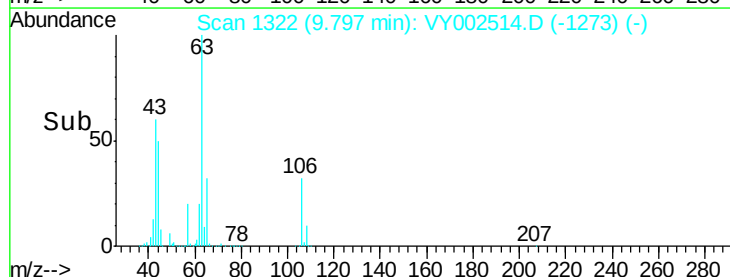
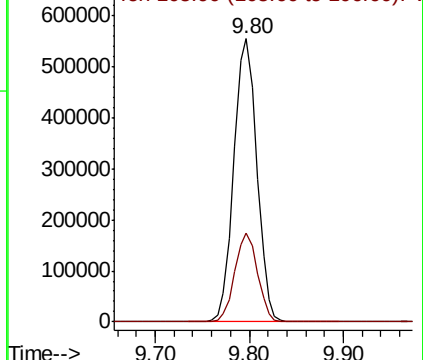
63 100

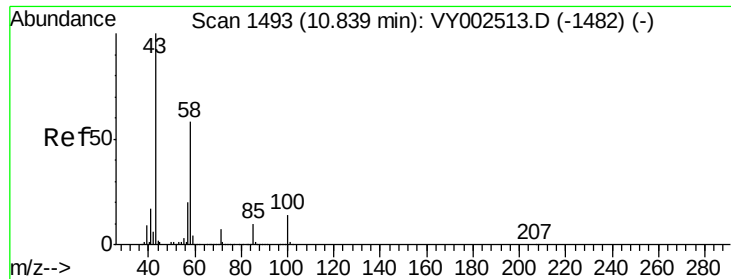
106 31.1 25.2 37.8



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

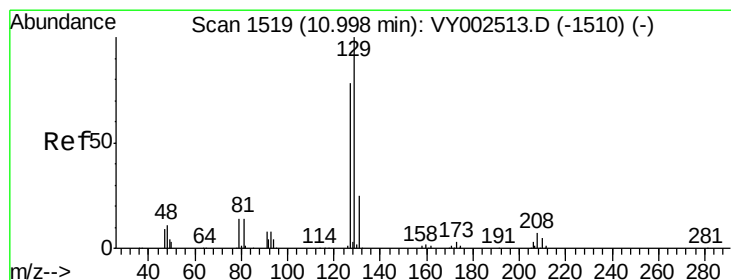
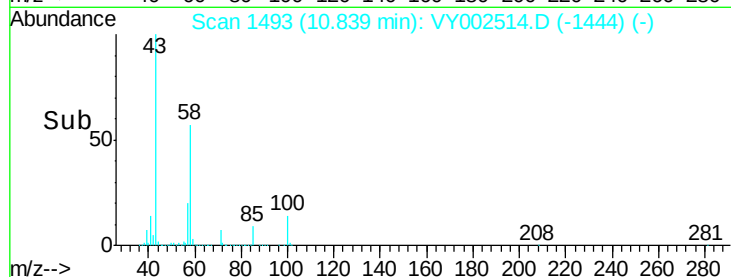
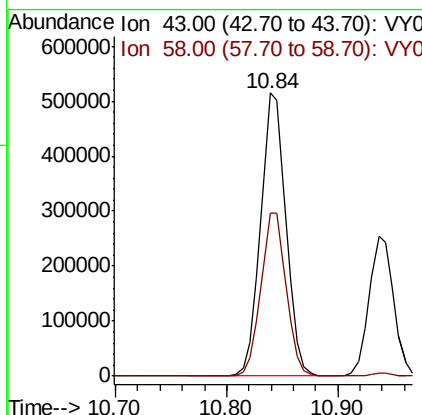
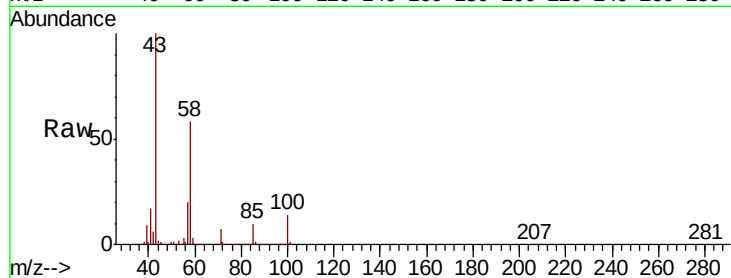




#59
2-Hexanone
Concen: 530.268 ug/l
RT: 10.84 min Scan# 1493
Delta R.T. -0.00 min
Lab File: VY002514.D
Acq: 30 Apr 2020 15:44

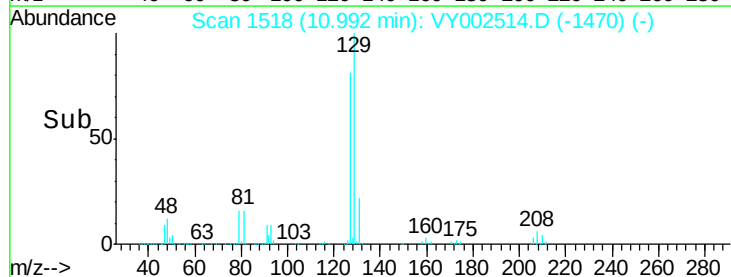
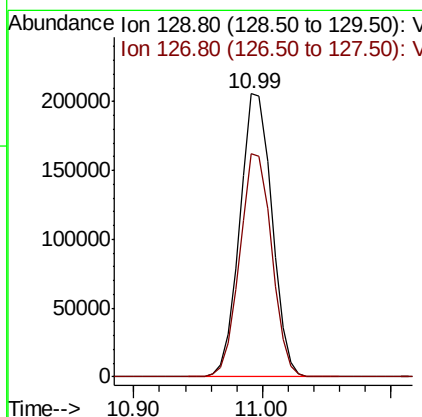
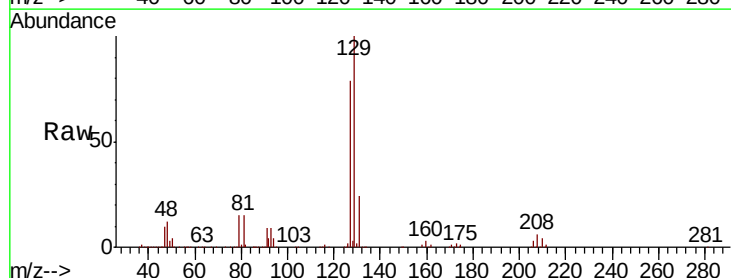
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

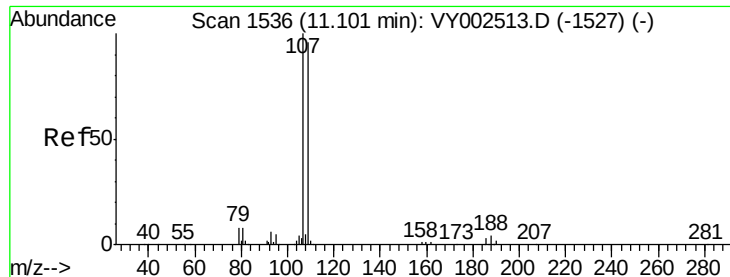
Tot Ion: 43 Resp: 820639
Ion Ratio Lower Upper
43 100
58 57.7 29.1 87.3



#60
Dibromochloromethane
Concen: 105.279 ug/l
RT: 10.99 min Scan# 1518
Delta R.T. -0.01 min
Lab File: VY002514.D
Acq: 30 Apr 2020 15:44

Tgt Ion: 129 Resp: 354619
Ion Ratio Lower Upper
129 100
127 78.3 39.0 117.0

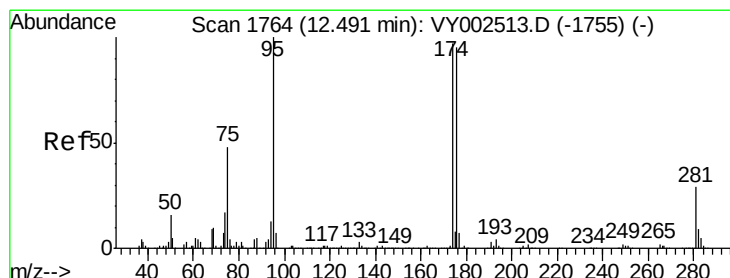
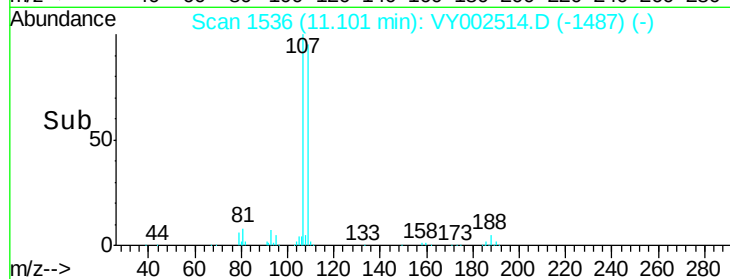
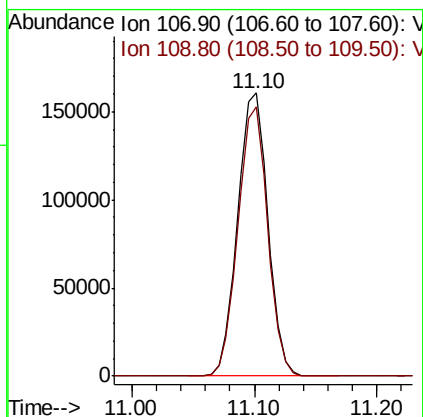
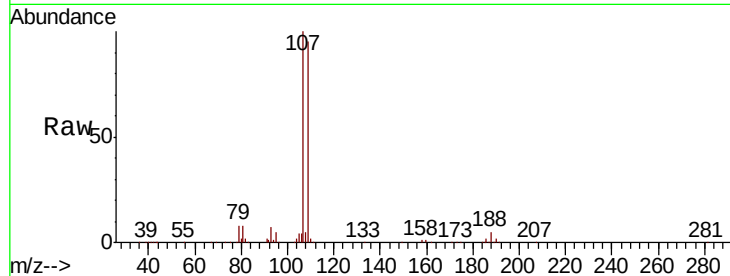




#61
 1,2-Dibromoethane
 Concen: 104.542 ug/l
 RT: 11.10 min Scan# 1536
 Delta R.T. -0.00 min
 Lab File: VY002514.D
 Acq: 30 Apr 2020 15:44

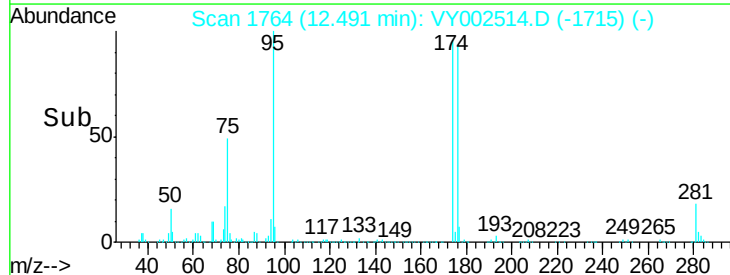
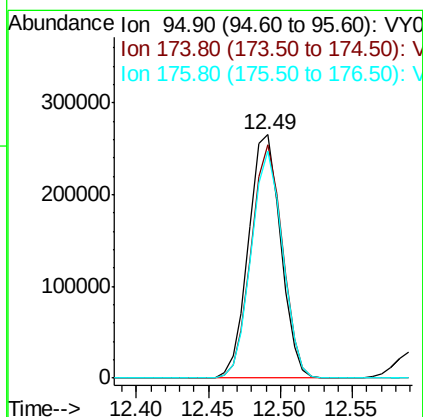
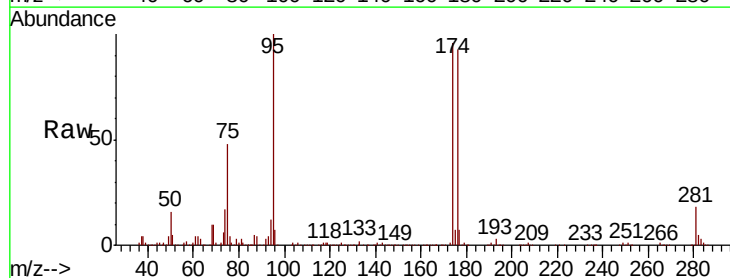
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

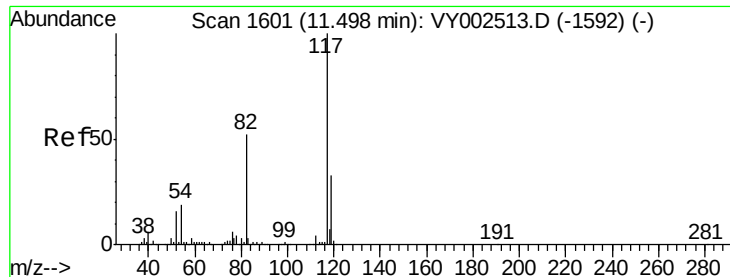
Tot Ion: 107 Resp: 274143
 Ion Ratio Lower Upper
 107 100
 109 93.8 75.8 113.8



#62
 4-Bromofluorobenzene
 Concen: 99.981 ug/l
 RT: 12.49 min Scan# 1764
 Delta R.T. -0.00 min
 Lab File: VY002514.D
 Acq: 30 Apr 2020 15:44

Tgt Ion: 95 Resp: 409278
 Ion Ratio Lower Upper
 95 100
 174 93.4 0.0 188.8
 176 91.0 0.0 183.2

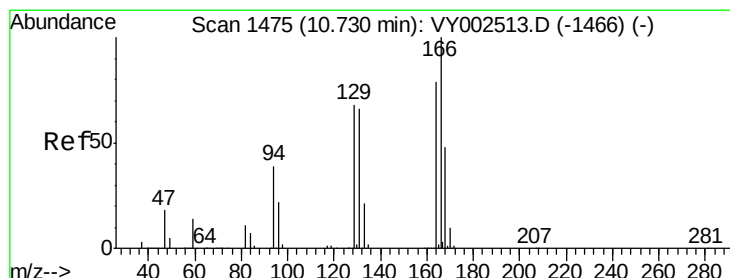
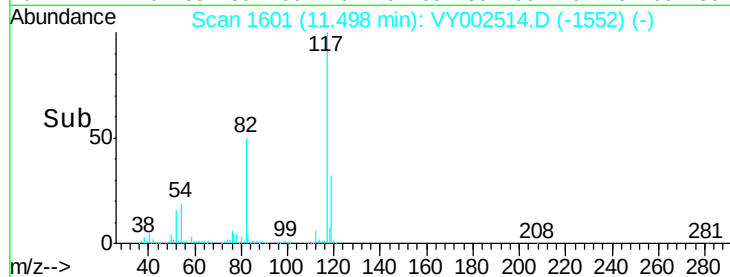
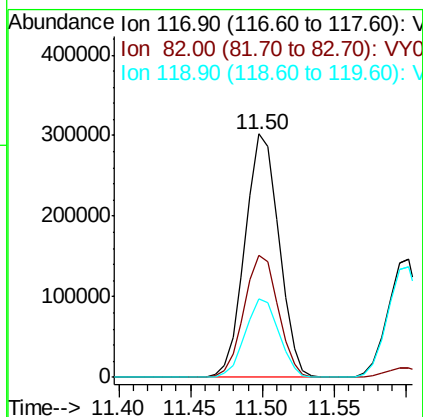
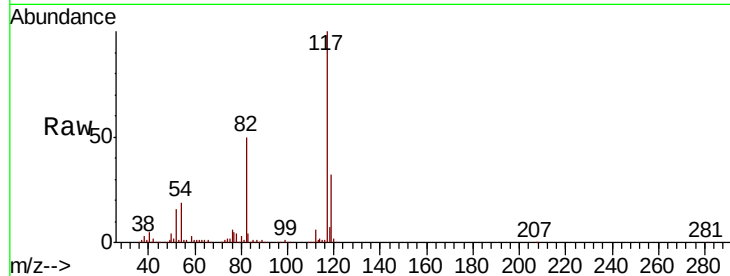




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VY002514.D
Acq: 30 Apr 2020 15:44

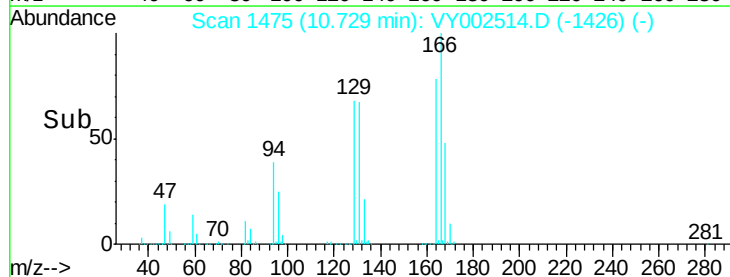
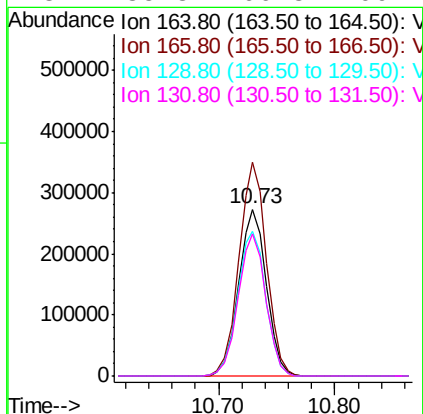
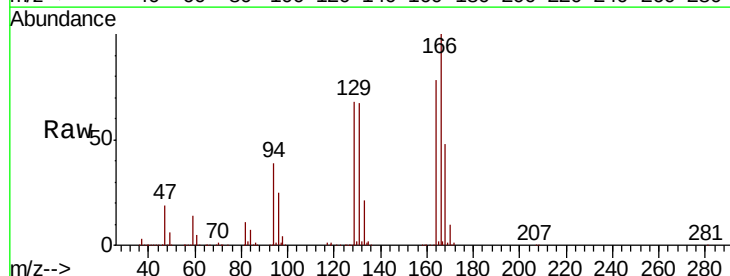
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

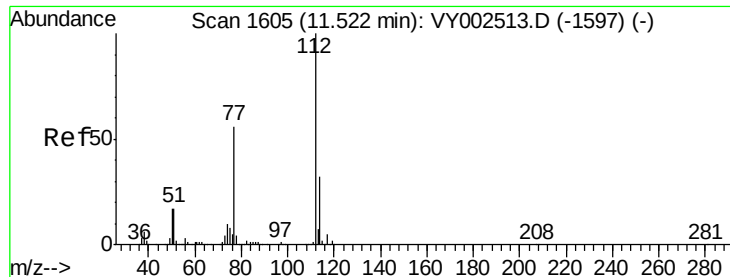
Tot Ion:117 Resp: 493105
Ion Ratio Lower Upper
117 100
82 50.3 41.3 61.9
119 32.0 26.0 39.0



#64
Tetrachloroethene
Concen: 102.947 ug/l
RT: 10.73 min Scan# 1475
Delta R.T. -0.00 min
Lab File: VY002514.D
Acq: 30 Apr 2020 15:44

Tgt Ion:164 Resp: 451033
Ion Ratio Lower Upper
164 100
166 128.0 100.7 151.1
129 86.9 68.3 102.5
131 85.3 66.8 100.2

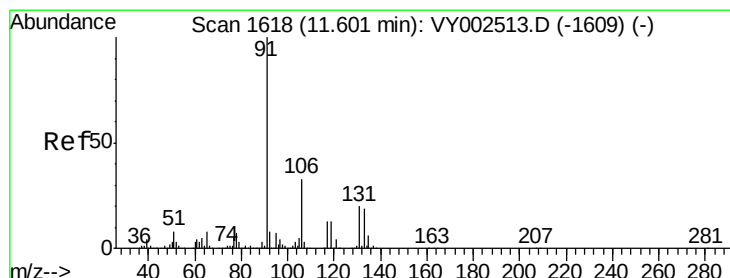
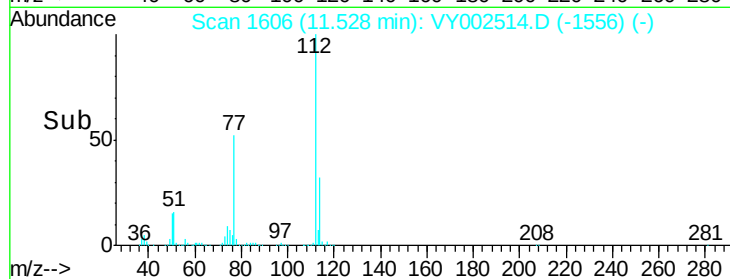
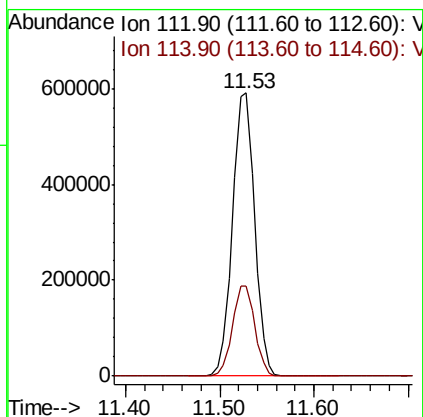
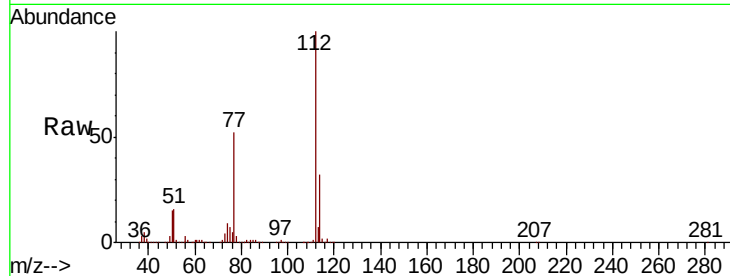




#65
Chlorobenzene
Concen: 102.786 ug/l
RT: 11.53 min Scan# 1606
Delta R.T. 0.01 min
Lab File: VY002514.D
Acq: 30 Apr 2020 15:44

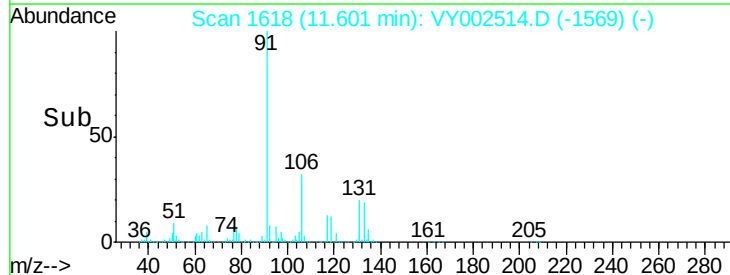
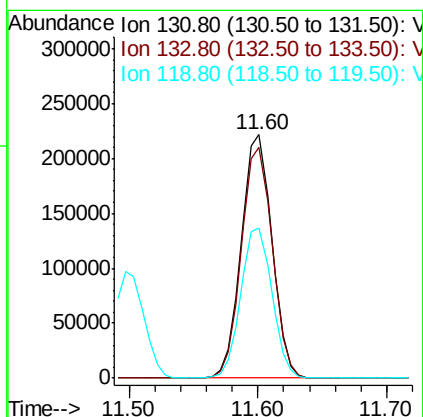
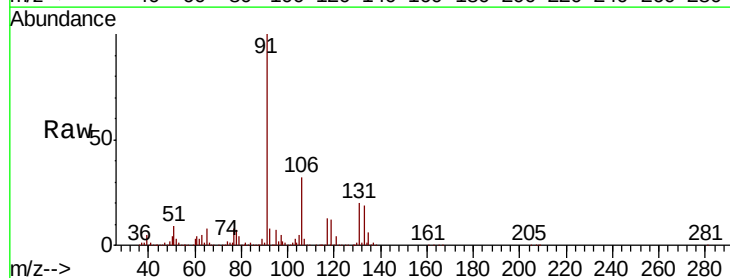
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

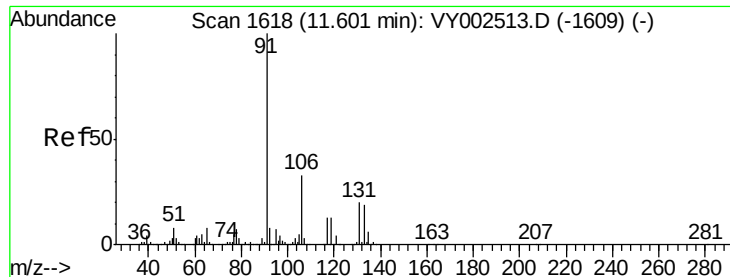
Tot Ion:112 Resp: 963506
Ion Ratio Lower Upper
112 100
114 32.1 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 104.778 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VY002514.D
Acq: 30 Apr 2020 15:44

Tgt Ion:131 Resp: 364590
Ion Ratio Lower Upper
131 100
133 95.5 48.1 144.4
119 62.9 31.6 95.0

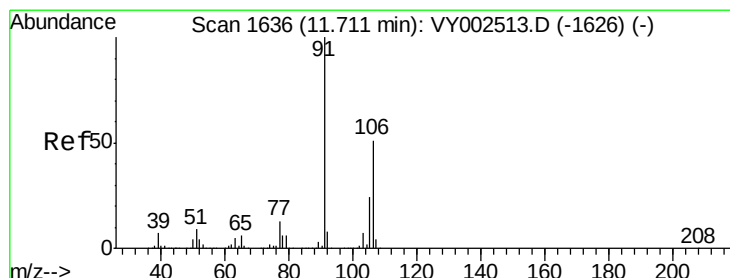
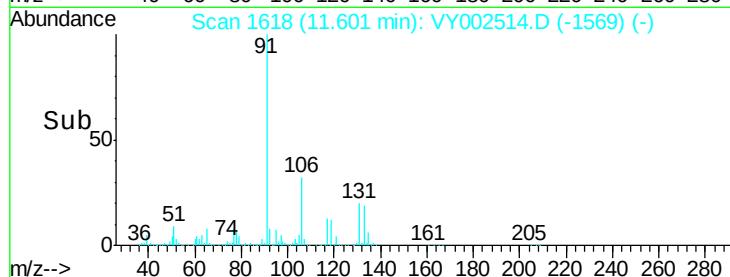
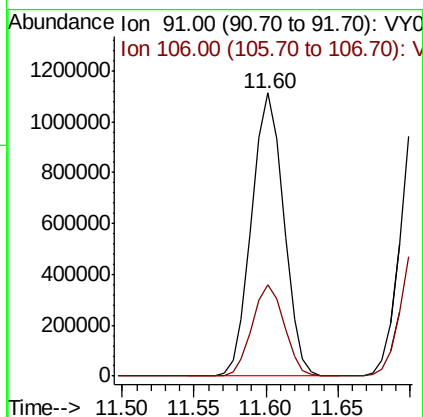
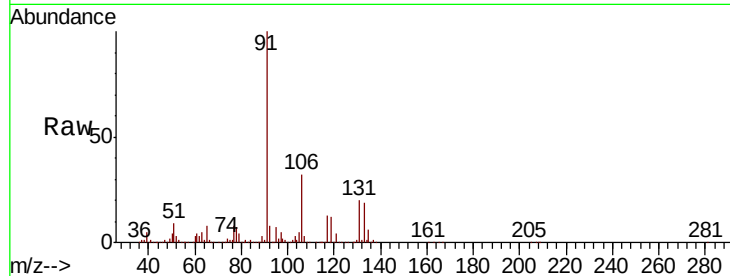




#67
Ethyl Benzene
Concen: 104.166 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VY002514.D
Acq: 30 Apr 2020 15:44

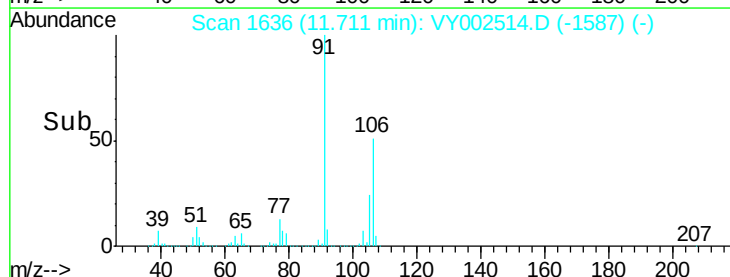
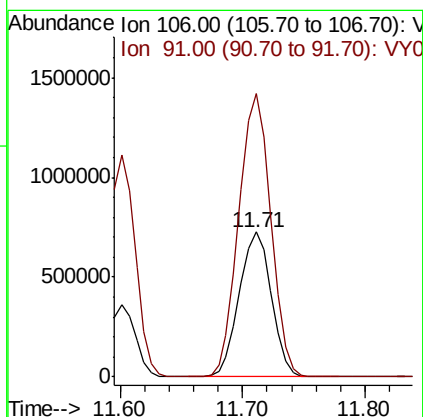
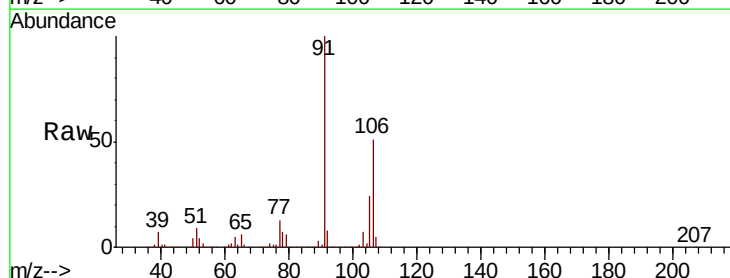
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

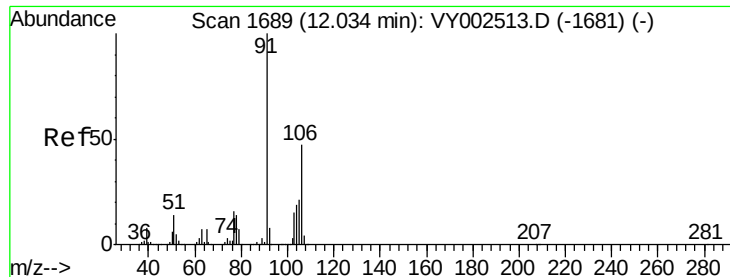
Tot Ion: 91 Resp: 1715195
Ion Ratio Lower Upper
91 100
106 32.4 26.1 39.1



#68
m/p-Xylenes
Concen: 208.187 ug/l
RT: 11.71 min Scan# 1636
Delta R.T. -0.00 min
Lab File: VY002514.D
Acq: 30 Apr 2020 15:44

Tgt Ion: 106 Resp: 1326371
Ion Ratio Lower Upper
106 100
91 195.0 155.2 232.8

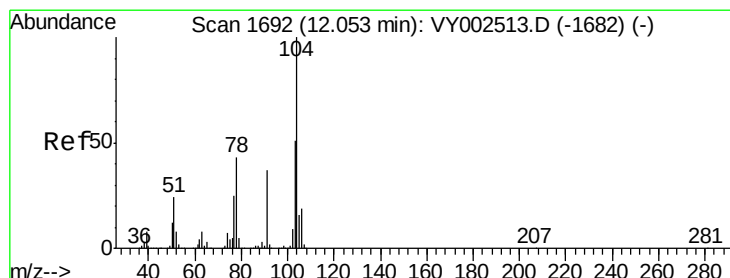
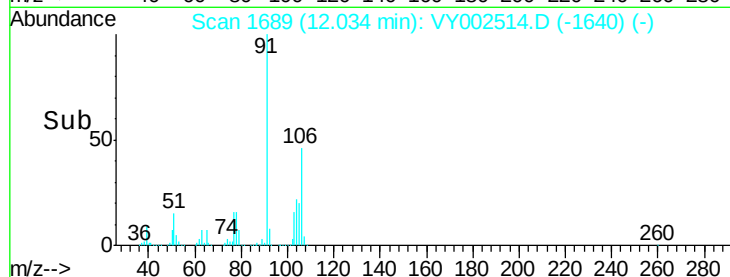
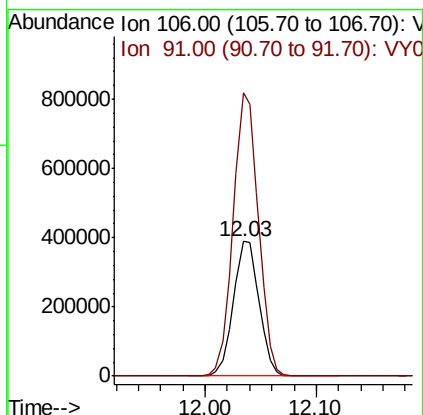
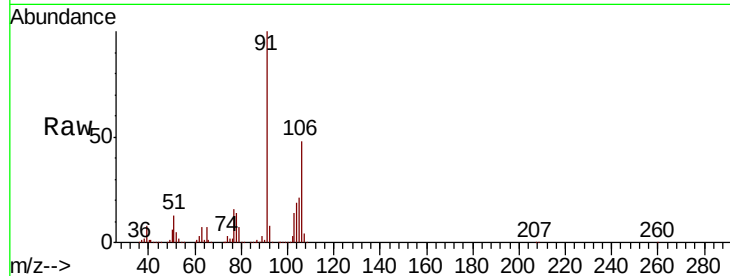




#69
o-Xylene
Concen: 104.026 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. -0.00 min
Lab File: VY002514.D
Acq: 30 Apr 2020 15:44

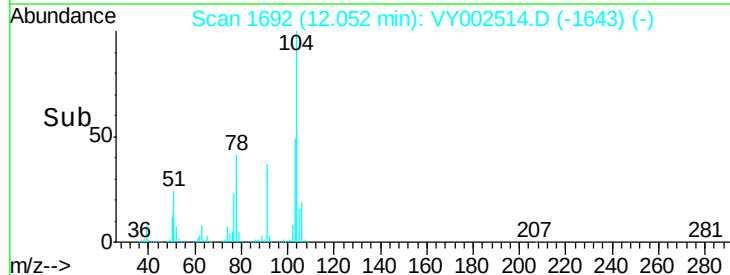
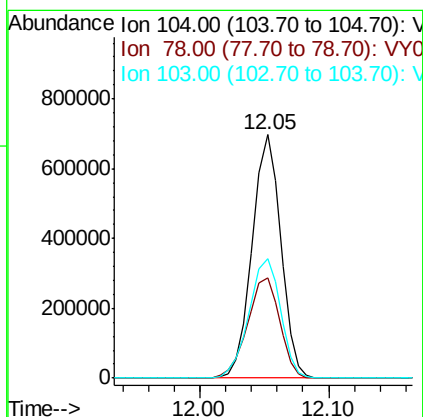
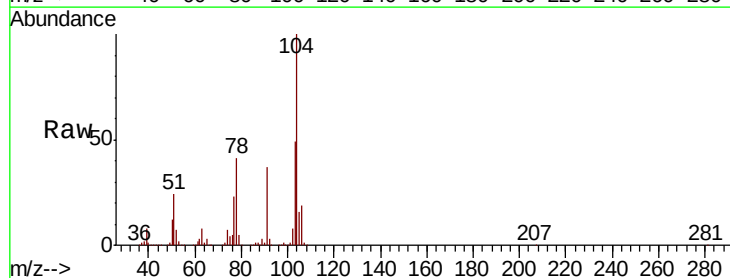
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

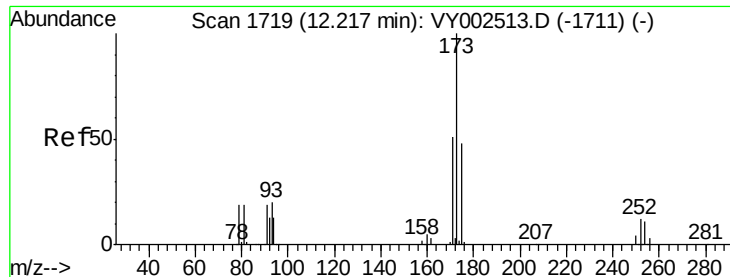
Tot Ion:106 Resp: 620551
Ion Ratio Lower Upper
106 100
91 207.1 103.8 311.3



#70
Styrene
Concen: 104.871 ug/l
RT: 12.05 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VY002514.D
Acq: 30 Apr 2020 15:44

Tgt Ion:104 Resp: 1069466
Ion Ratio Lower Upper
104 100
78 46.5 37.4 56.0
103 54.4 43.9 65.9





#71

Bromoform

Concen: 106.006 ug/l

RT: 12.22 min Scan# 1719

Delta R.T. -0.00 min

Lab File: VY002514.D

Acq: 30 Apr 2020 15:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

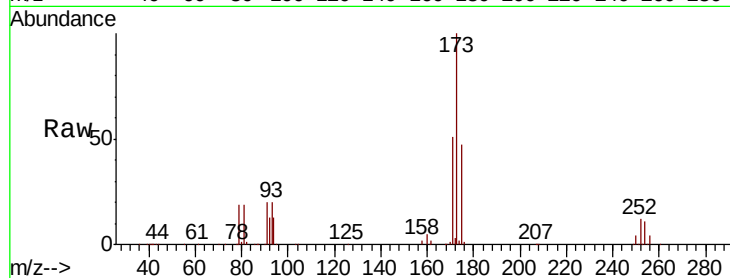
Tot Ion:173 Resp: 228942

Ion Ratio Lower Upper

173 100

175 48.4 24.3 72.8

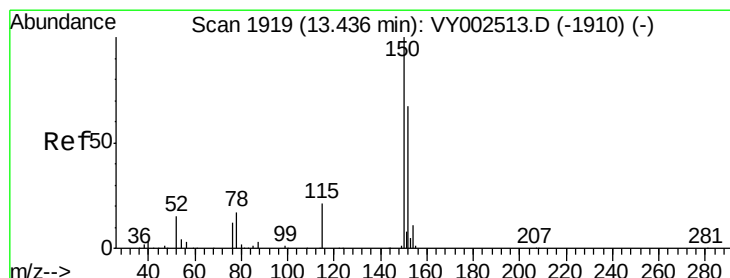
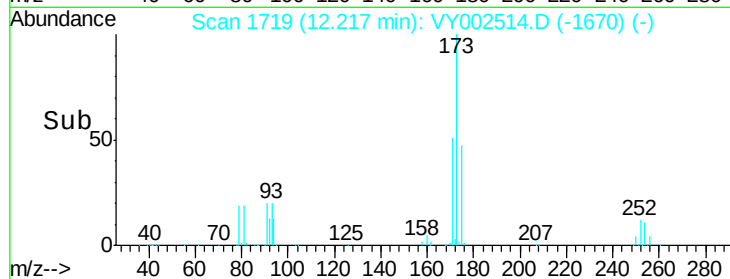
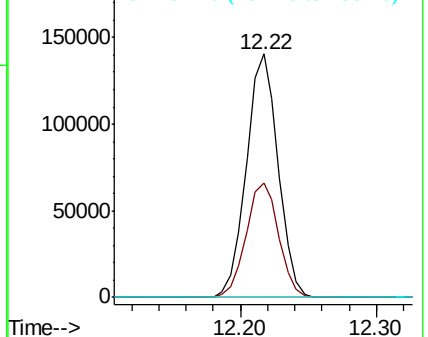
254 0.1 0.2 0.2#



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: VY002514.D

Acq: 30 Apr 2020 15:44

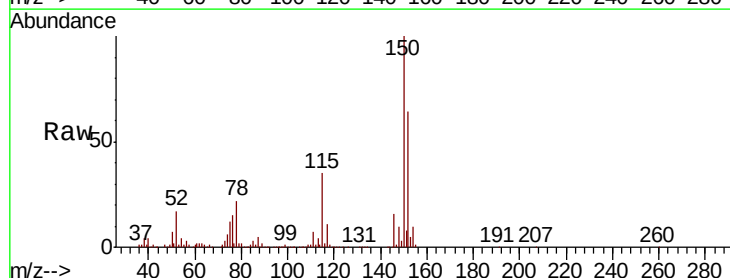
Tgt Ion:152 Resp: 246147

Ion Ratio Lower Upper

152 100

115 54.4 27.5 82.4

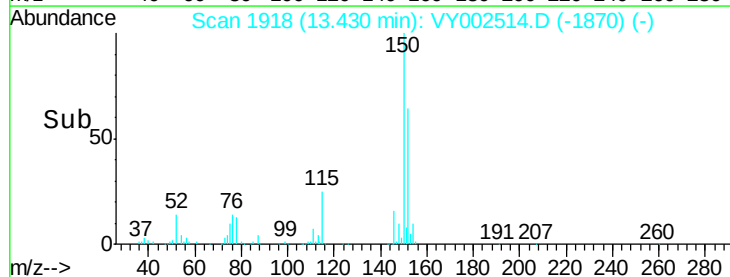
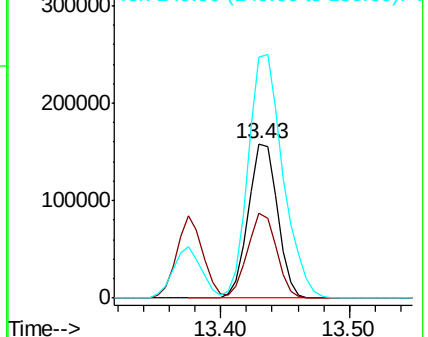
150 187.7 0.0 346.4

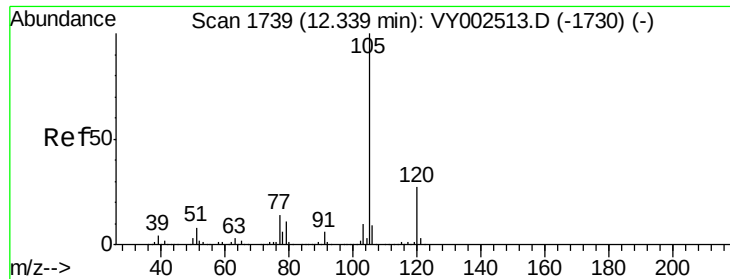


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 105.983 ug/l

RT: 12.34 min Scan# 1739

Delta R.T. -0.00 min

Lab File: VY002514.D

Acq: 30 Apr 2020 15:44

Instrument :

MSVOA_Y

ClientSampleId :

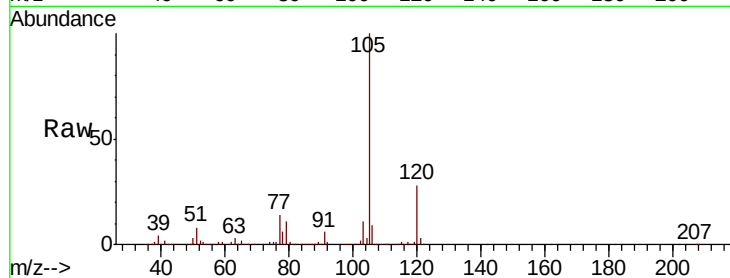
VSTDIC100

Tot Ion:105 Resp: 1690716

Ion Ratio Lower Upper

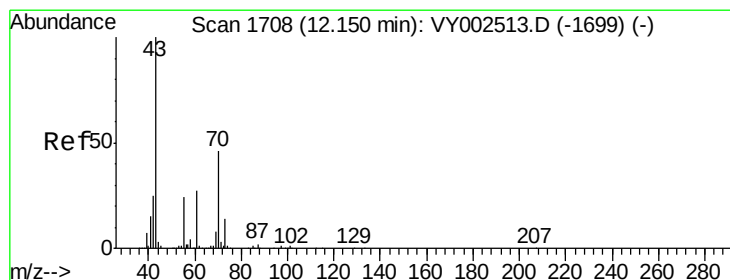
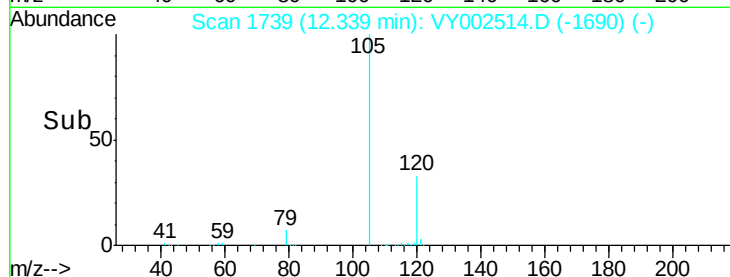
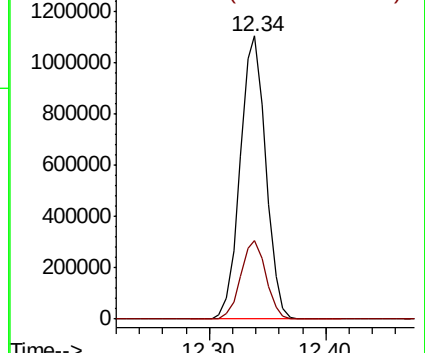
105 100

120 27.5 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: 106.612 ug/l

RT: 12.15 min Scan# 1708

Delta R.T. -0.00 min

Lab File: VY002514.D

Acq: 30 Apr 2020 15:44

Tgt Ion: 43 Resp: 409122

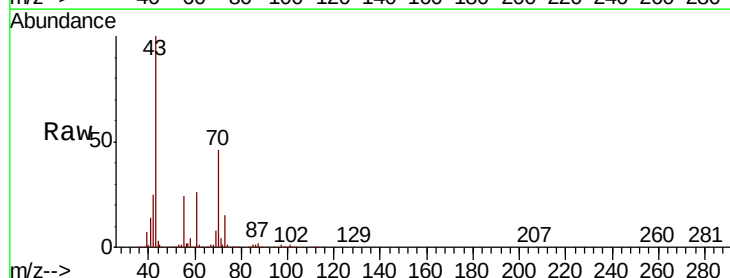
Ion Ratio Lower Upper

43 100

70 46.5 36.7 55.1

55 23.7 19.2 28.8

61 26.5 21.1 31.7

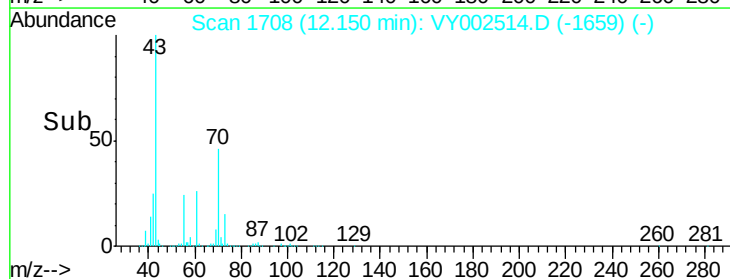
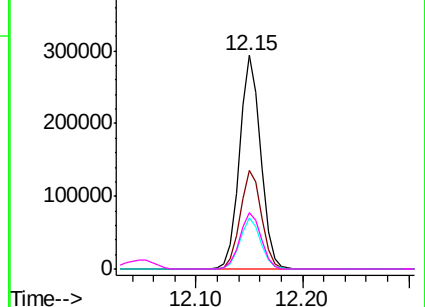


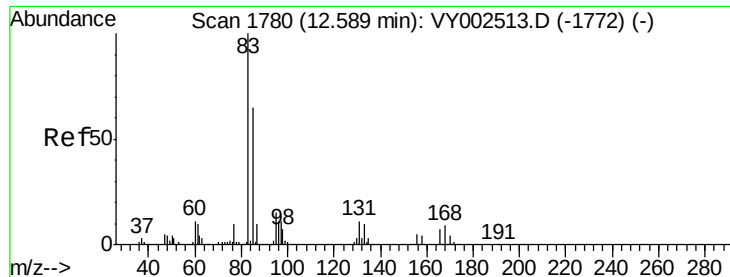
Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0





#75

1,1,2,2-Tetrachloroethane

Concen: 105.430 ug/l

RT: 12.59 min Scan# 1780

Delta R.T. -0.00 min

Lab File: VY002514.D

Acq: 30 Apr 2020 15:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

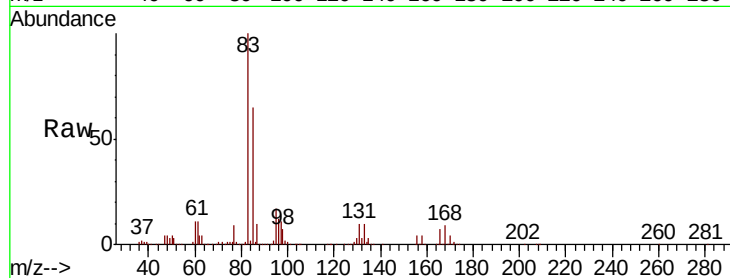
Tot Ion: 83 Resp: 267482

Ion Ratio Lower Upper

83 100

131 11.3 5.9 17.8

85 64.6 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

12.59

200000

150000

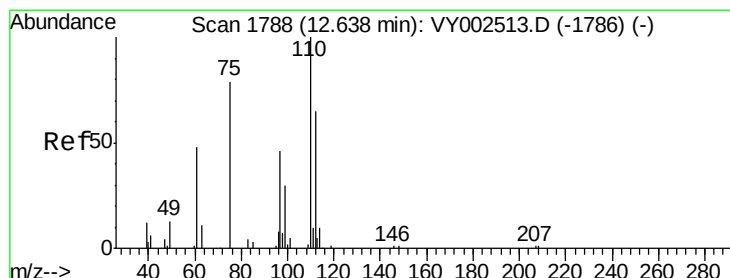
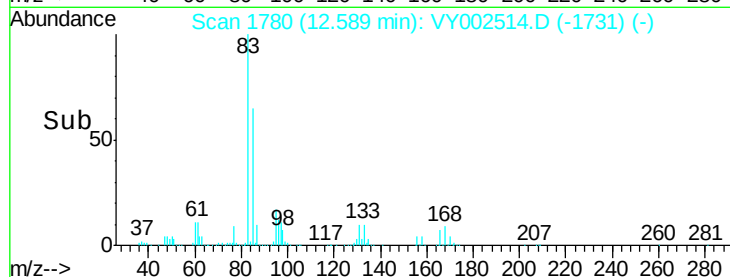
100000

50000

0

Time-->

12.50 12.55 12.60 12.65



#76

1,2,3-Trichloropropane

Concen: 107.371 ug/l m

RT: 12.64 min Scan# 1789

Delta R.T. 0.01 min

Lab File: VY002514.D

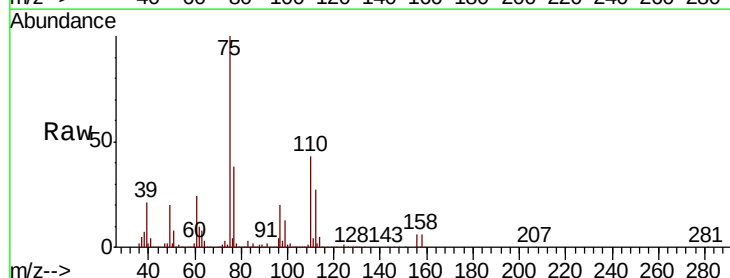
Acq: 30 Apr 2020 15:44

Tgt Ion: 75 Resp: 235909

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

400000

300000

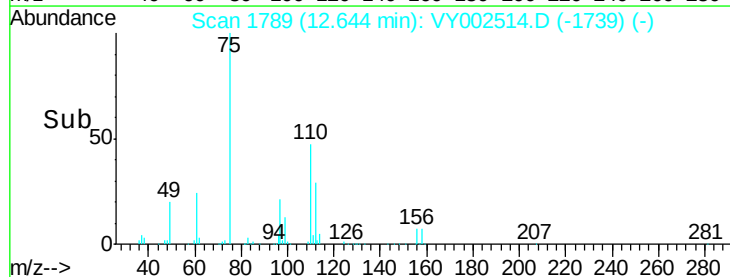
200000

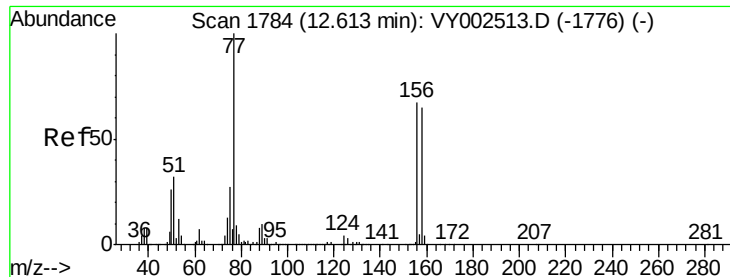
100000

0

Time-->

12.60 12.65





#77

Bromobenzene

Concen: 104.370 ug/l

RT: 12.62 min Scan# 1785

Delta R.T. 0.01 min

Lab File: VY002514.D

Acq: 30 Apr 2020 15:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

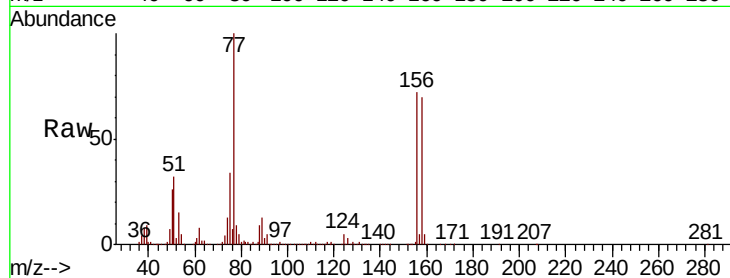
Tot Ion:156 Resp: 415980

Ion Ratio Lower Upper

156 100

77 164.5 82.0 245.8

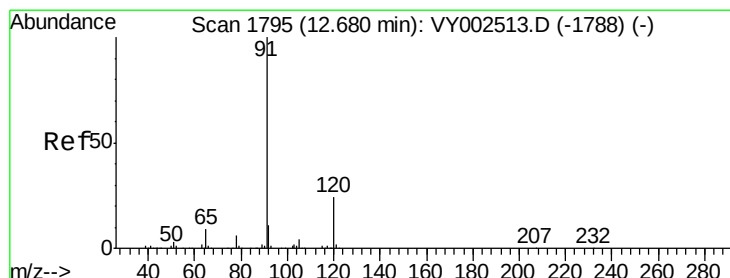
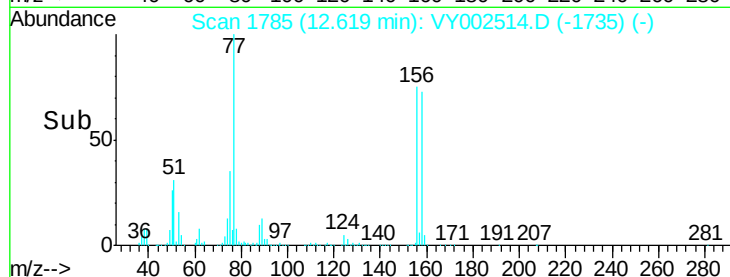
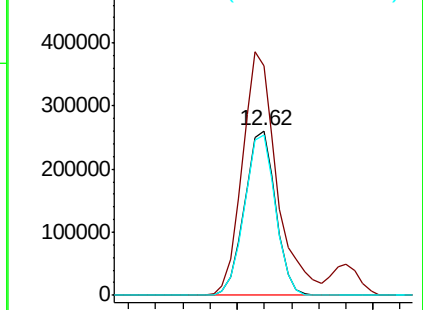
158 97.5 48.5 145.6



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: 105.050 ug/l

RT: 12.68 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VY002514.D

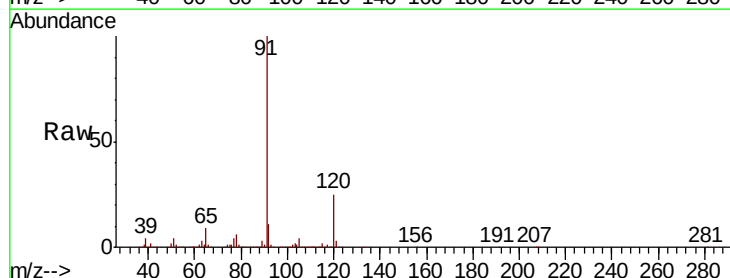
Acq: 30 Apr 2020 15:44

Tgt Ion: 91 Resp: 1944771

Ion Ratio Lower Upper

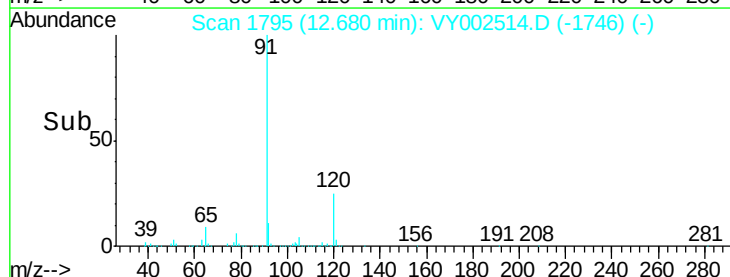
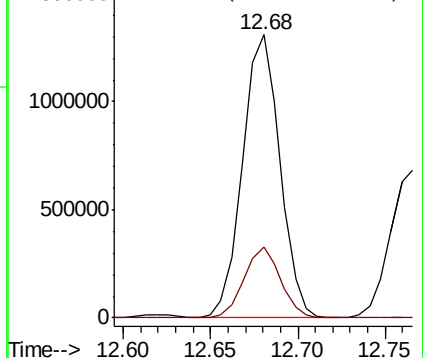
91 100

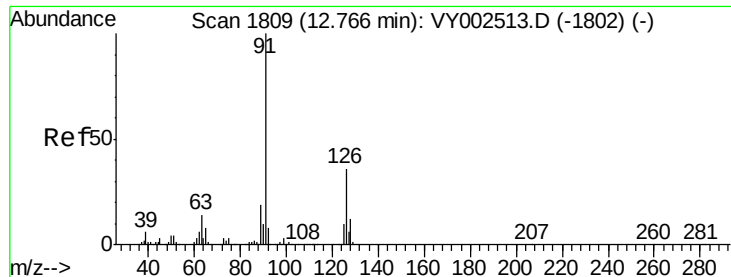
120 24.4 12.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

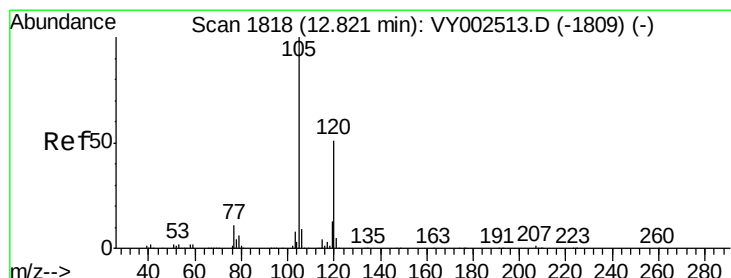
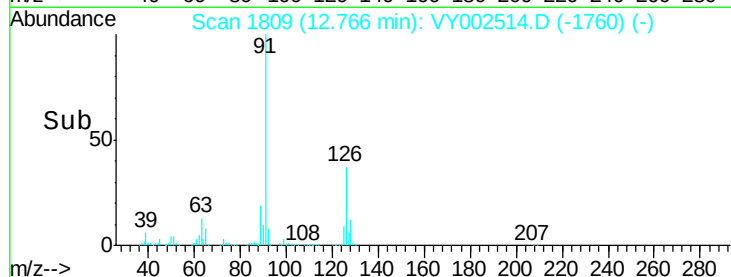
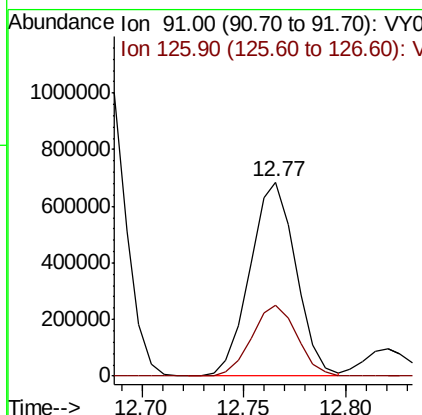
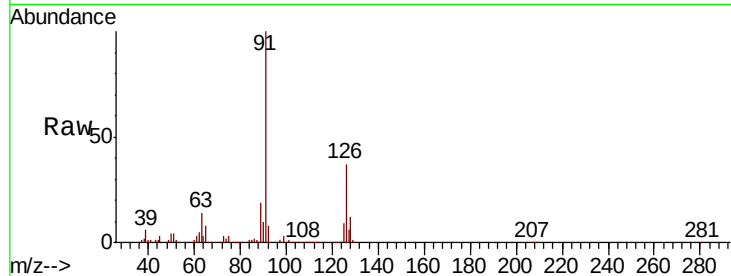




#79
2-Chlorotoluene
Concen: 104.434 ug/l
RT: 12.77 min Scan# 1809
Delta R.T. -0.00 min
Lab File: VY002514.D
Acq: 30 Apr 2020 15:44

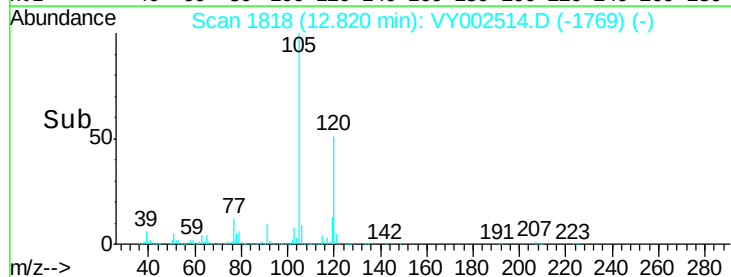
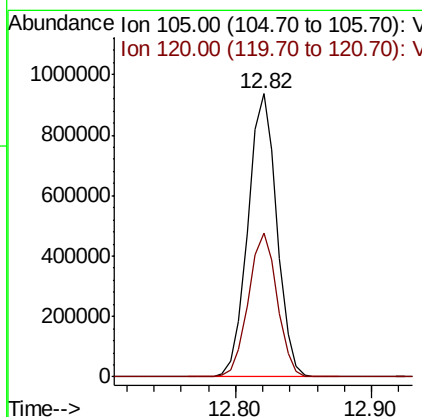
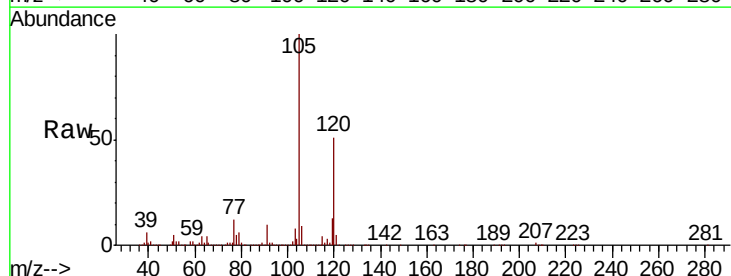
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

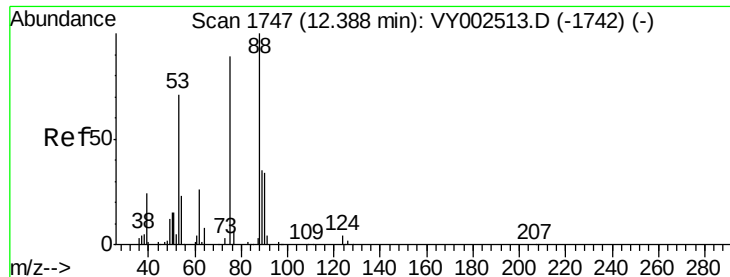
Tot Ion: 91 Resp: 1070945
Ion Ratio Lower Upper
91 100
126 36.5 18.4 55.2



#80
1,3,5-Trimethylbenzene
Concen: 105.256 ug/l
RT: 12.82 min Scan# 1818
Delta R.T. -0.00 min
Lab File: VY002514.D
Acq: 30 Apr 2020 15:44

Tgt Ion:105 Resp: 1391863
Ion Ratio Lower Upper
105 100
120 50.8 25.3 75.9





#81

trans-1,4-Dichloro-2-butene

Concen: 106.800 ug/l

RT: 12.39 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VY002514.D

Acq: 30 Apr 2020 15:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

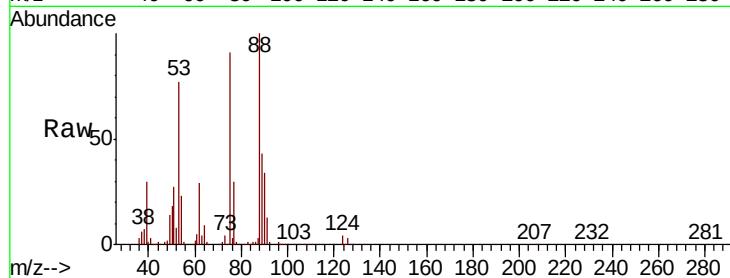
Tot Ion: 75 Resp: 116506

Ion Ratio Lower Upper

75 100

53 83.2 67.4 101.0

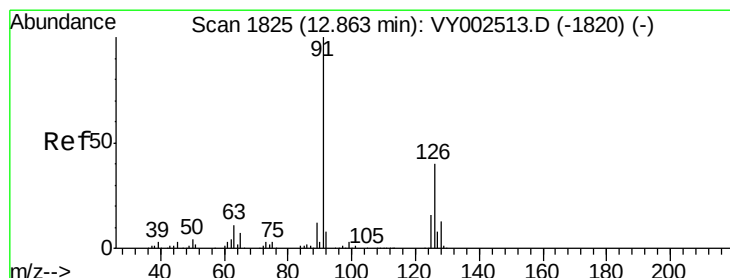
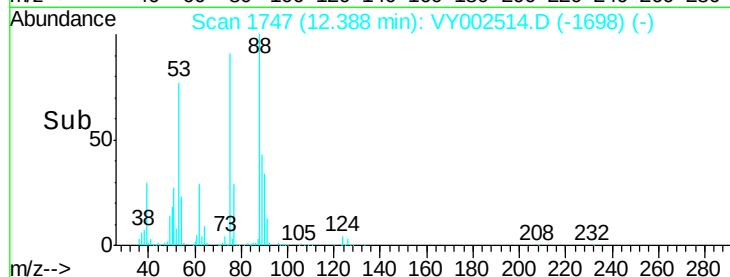
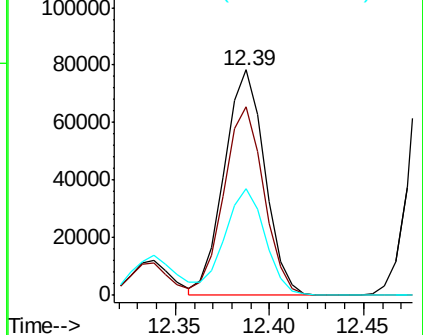
89 47.1 37.4 56.0



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: 103.934 ug/l

RT: 12.86 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VY002514.D

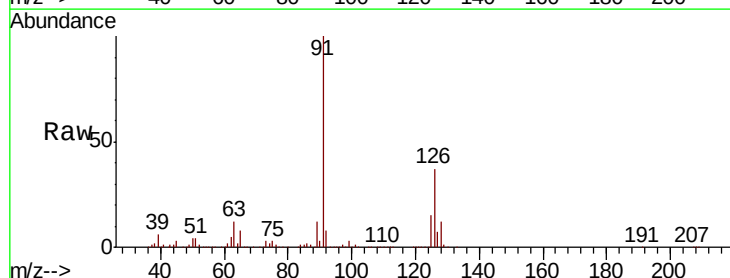
Acq: 30 Apr 2020 15:44

Tgt Ion: 91 Resp: 1119563

Ion Ratio Lower Upper

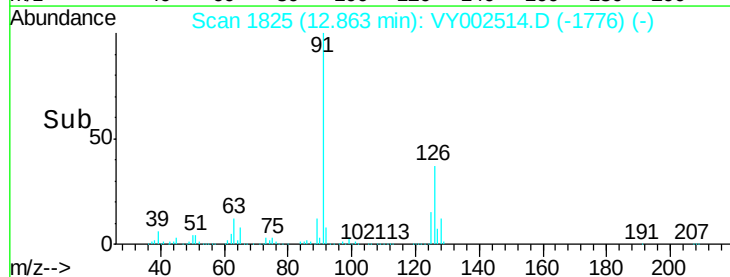
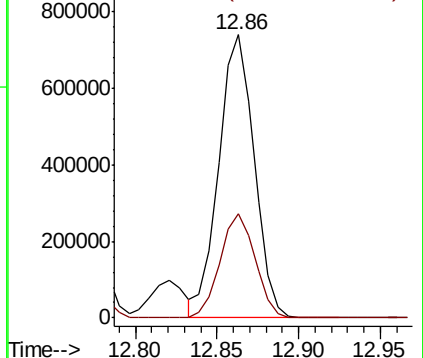
91 100

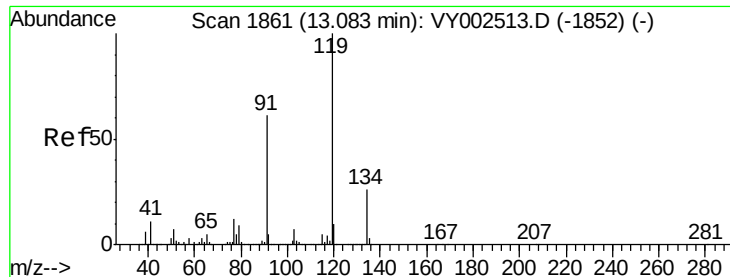
126 36.5 18.5 55.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V

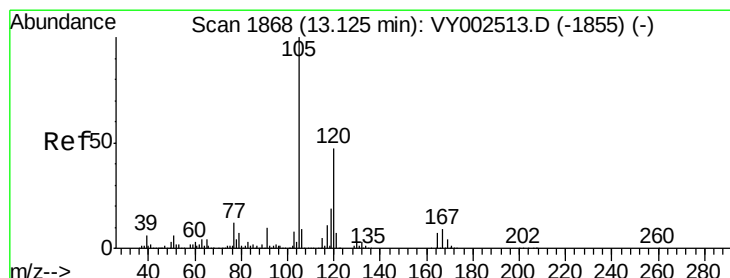
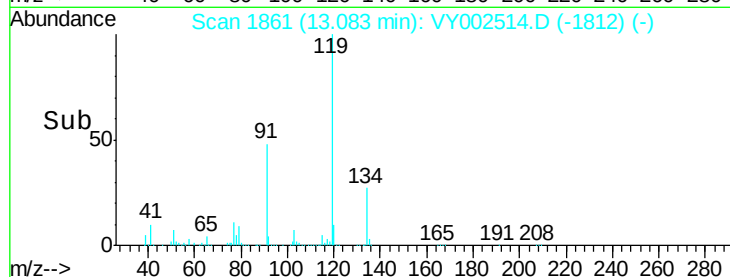
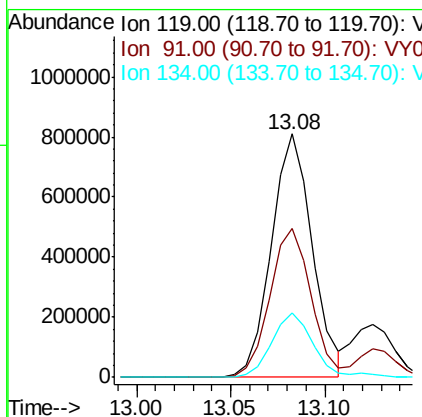
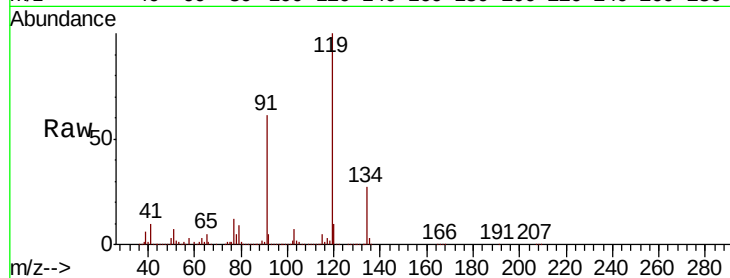




#83
 tert-Butylbenzene
 Concen: 105.106 ug/l
 RT: 13.08 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: VY002514.D
 Acq: 30 Apr 2020 15:44

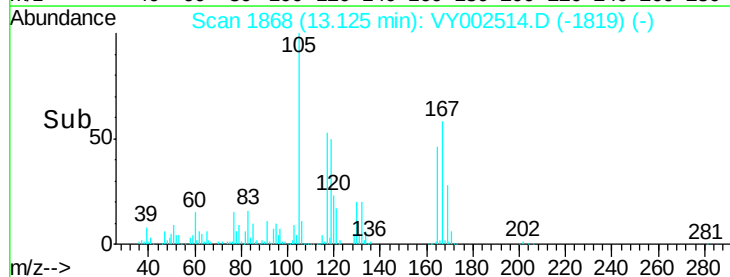
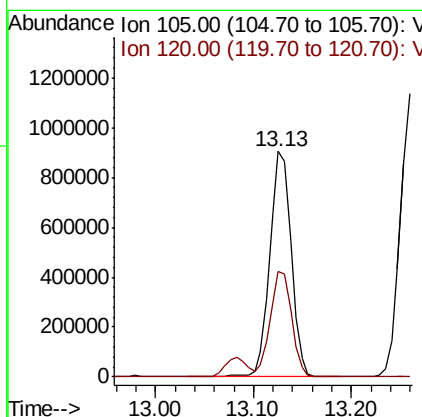
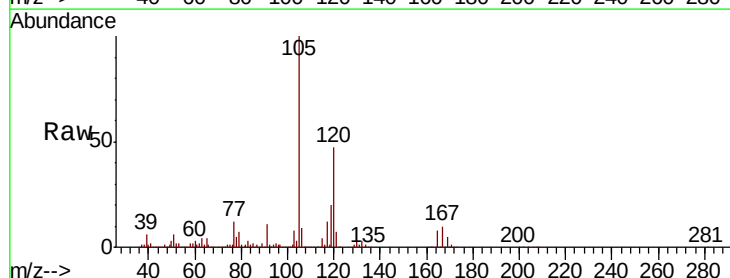
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

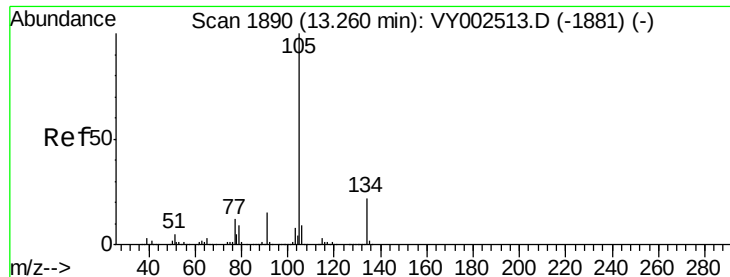
Tot Ion:119 Resp: 1218679
 Ion Ratio Lower Upper
 119 100
 91 61.5 30.6 91.6
 134 27.2 13.5 40.4



#84
 1,2,4-Trimethylbenzene
 Concen: 104.676 ug/l
 RT: 13.13 min Scan# 1868
 Delta R.T. -0.00 min
 Lab File: VY002514.D
 Acq: 30 Apr 2020 15:44

Tgt Ion:105 Resp: 1379495
 Ion Ratio Lower Upper
 105 100
 120 46.7 23.4 70.3





#85

sec-Butylbenzene

Concen: 104.206 ug/l

RT: 13.26 min Scan# 1890

Delta R.T. -0.00 min

Lab File: VY002514.D

Acq: 30 Apr 2020 15:44

Instrument :

MSVOA_Y

ClientSampleId :

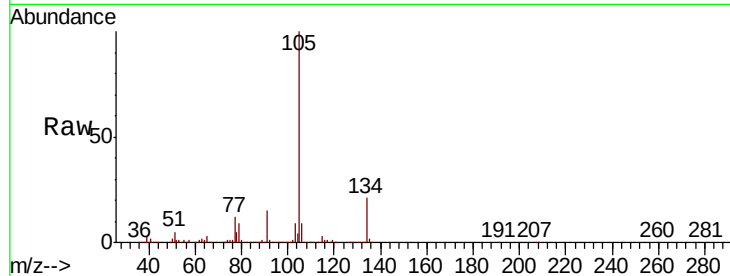
VSTDIC100

Tot Ion:105 Resp: 1676582

Ion Ratio Lower Upper

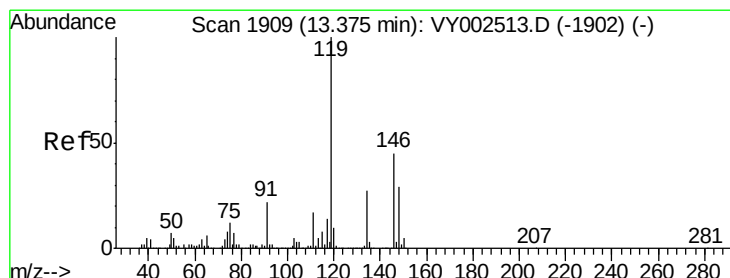
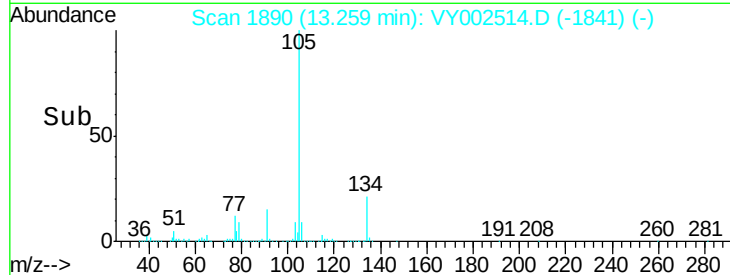
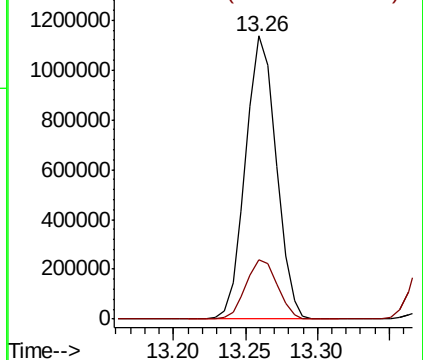
105 100

134 21.6 10.8 32.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 104.007 ug/l

RT: 13.38 min Scan# 1909

Delta R.T. -0.00 min

Lab File: VY002514.D

Acq: 30 Apr 2020 15:44

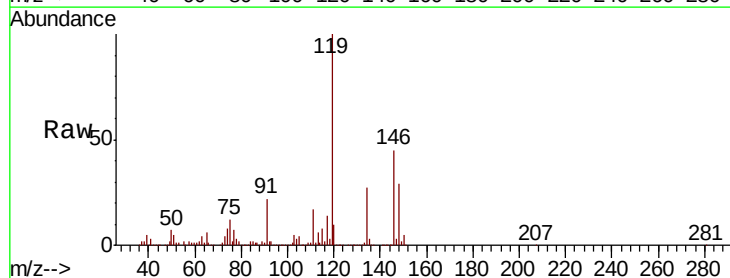
Tgt Ion:119 Resp: 1567939

Ion Ratio Lower Upper

119 100

134 27.3 13.5 40.5

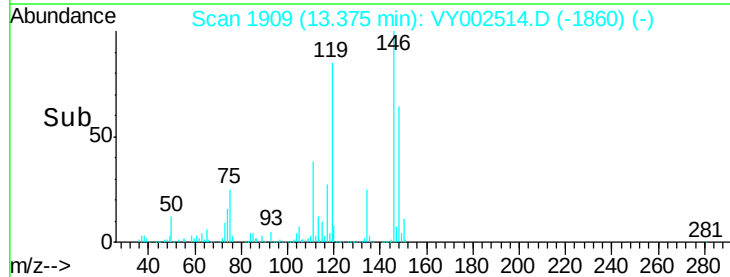
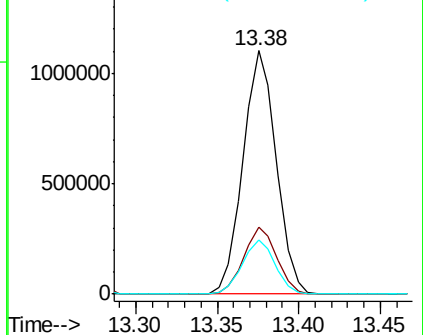
91 22.1 10.9 32.9

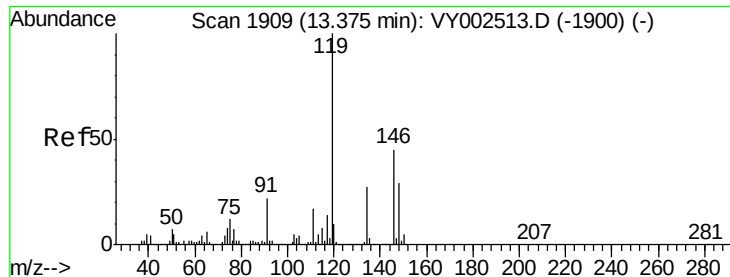


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

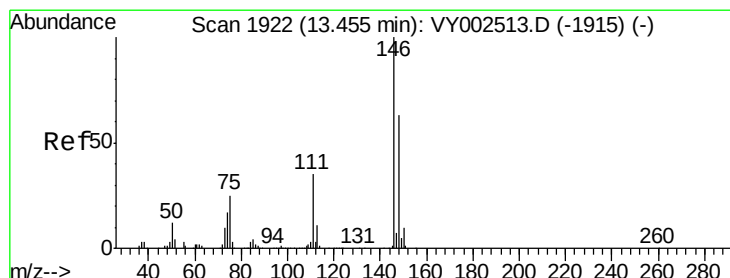
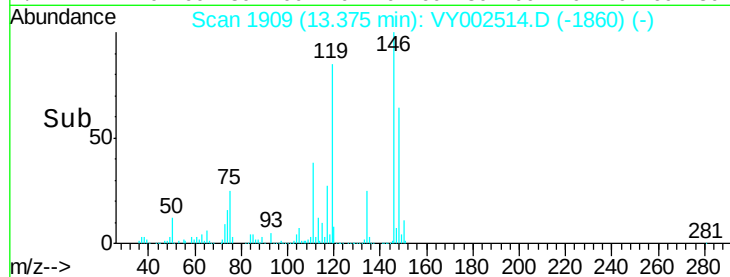
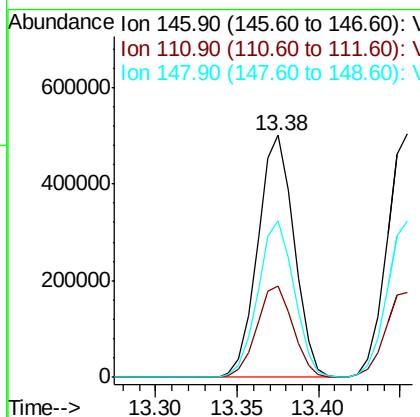
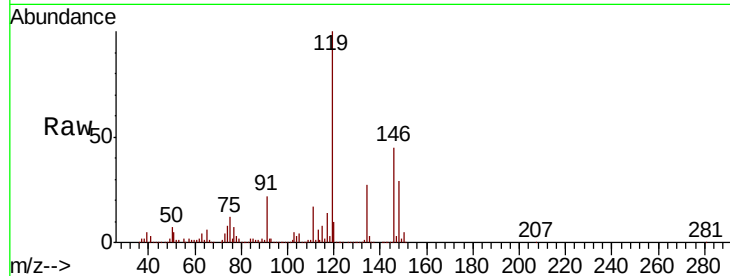




#87
 1,3-Dichlorobenzene
 Concen: 102.441 ug/l
 RT: 13.38 min Scan# 1909
 Delta R.T. -0.00 min
 Lab File: VY002514.D
 Acq: 30 Apr 2020 15:44

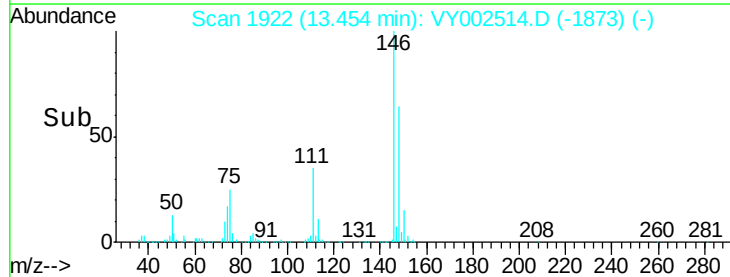
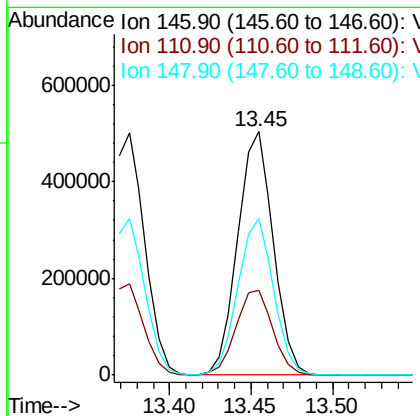
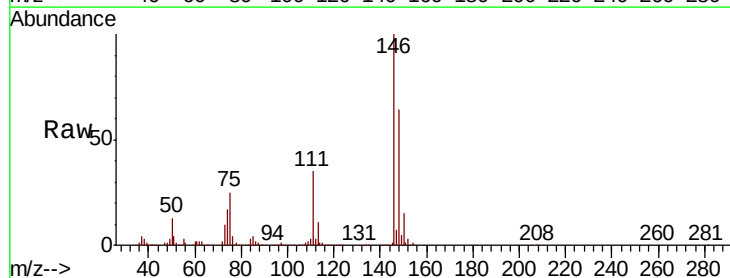
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

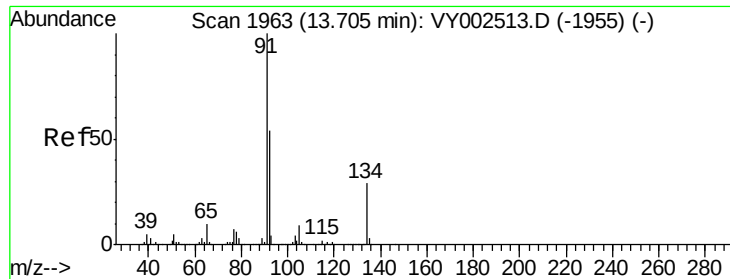
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.7	18.8	56.3
148	64.2	32.1	96.3



#88
 1,4-Dichlorobenzene
 Concen: 102.366 ug/l
 RT: 13.45 min Scan# 1922
 Delta R.T. -0.00 min
 Lab File: VY002514.D
 Acq: 30 Apr 2020 15:44

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.0	18.1	54.1
148	64.3	31.9	95.5





#89

n-Butylbenzene

Concen: 102.067 ug/l

RT: 13.70 min Scan# 1963

Delta R.T. -0.00 min

Lab File: VY002514.D

Acq: 30 Apr 2020 15:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

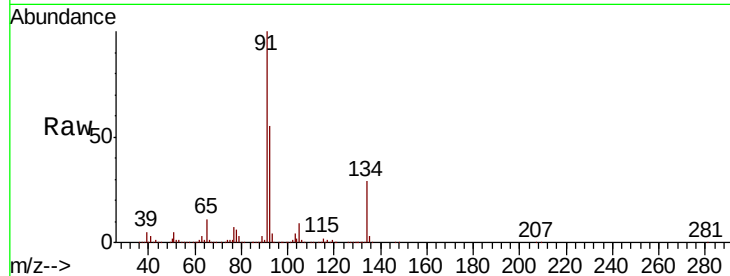
Tot Ion: 91 Resp: 1400744

Ion Ratio Lower Upper

91 100

92 54.3 27.1 81.3

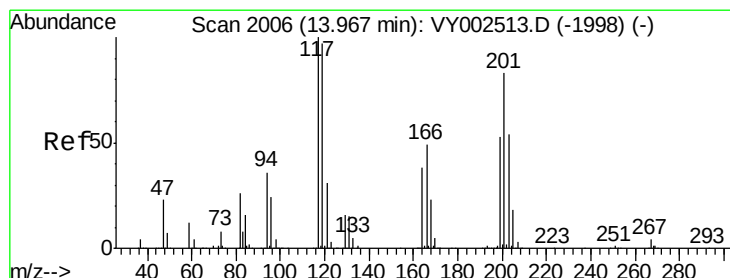
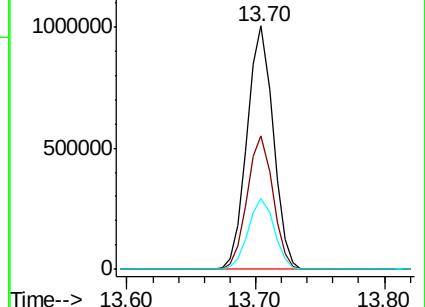
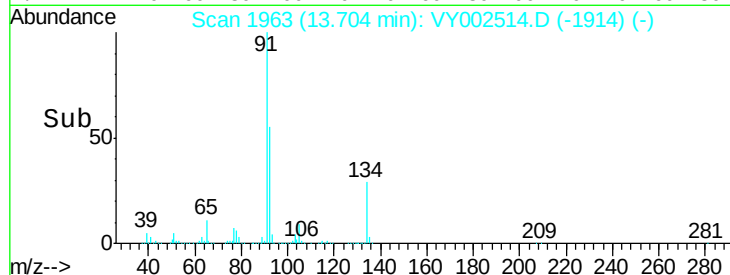
134 28.9 14.4 43.0



Abundance Ion 91.00 (90.70 to 91.70): VY002513.D (-1955) (-)

Ion 92.00 (91.70 to 92.70): VY002513.D (-1955) (-)

Ion 134.00 (133.70 to 134.70): VY002513.D (-1955) (-)



#90

Hexachloroethane

Concen: 105.576 ug/l

RT: 13.97 min Scan# 2006

Delta R.T. -0.00 min

Lab File: VY002514.D

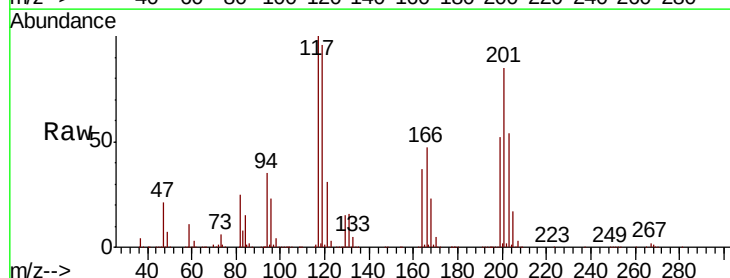
Acq: 30 Apr 2020 15:44

Tgt Ion: 117 Resp: 289846

Ion Ratio Lower Upper

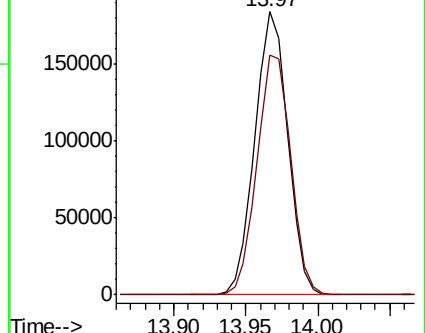
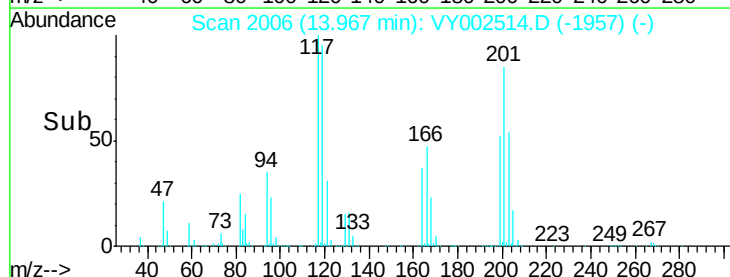
117 100

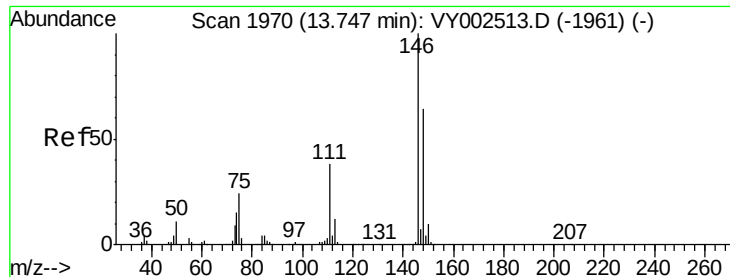
201 86.9 44.4 133.2



Abundance Ion 116.80 (116.50 to 117.50): VY002513.D (-1998) (-)

Ion 200.70 (200.40 to 201.40): VY002513.D (-1998) (-)





#91

1,2-Dichlorobenzene

Concen: 101.529 ug/l

RT: 13.75 min Scan# 1970

Delta R.T. -0.00 min

Lab File: VY002514.D

Acq: 30 Apr 2020 15:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

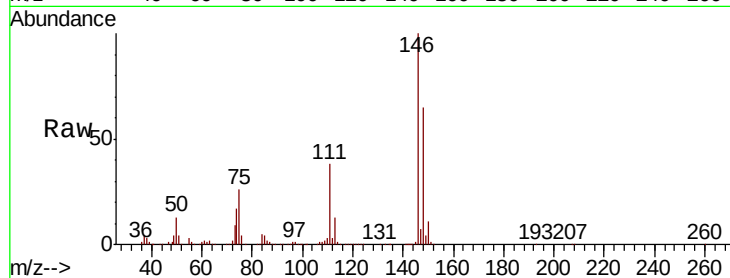
Tot Ion:146 Resp: 683394

Ion Ratio Lower Upper

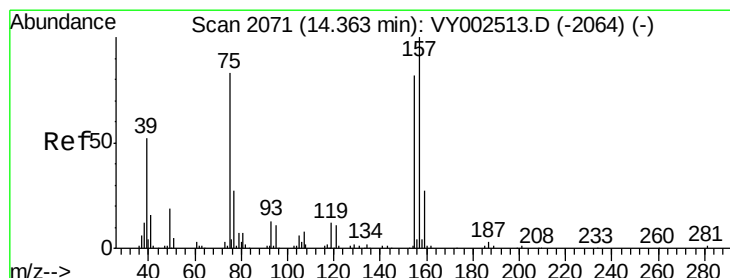
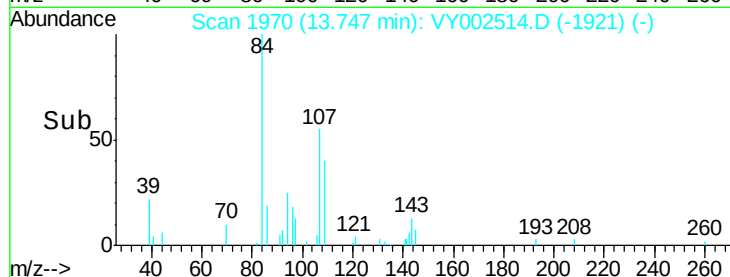
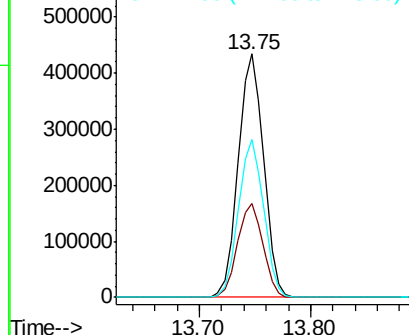
146 100

111 38.6 19.1 57.5

148 64.3 31.9 95.7



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 100.876 ug/l

RT: 14.36 min Scan# 2071

Delta R.T. -0.00 min

Lab File: VY002514.D

Acq: 30 Apr 2020 15:44

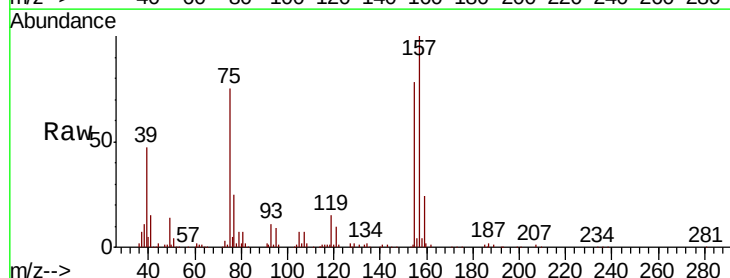
Tgt Ion: 75 Resp: 47707

Ion Ratio Lower Upper

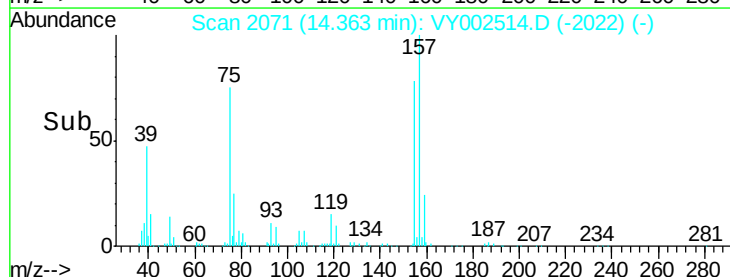
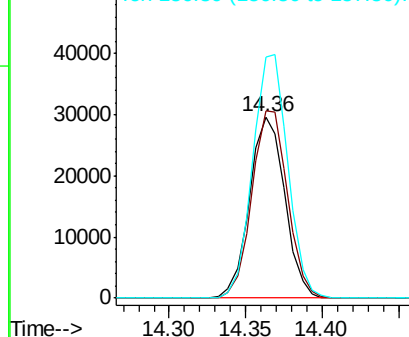
75 100

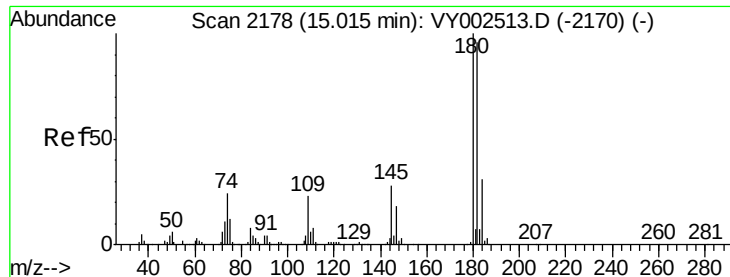
155 104.3 51.3 153.9

157 133.5 65.0 195.0



Abundance Ion 74.90 (74.60 to 75.60): VY0
Ion 154.80 (154.50 to 155.50): V
Ion 156.80 (156.50 to 157.50): V

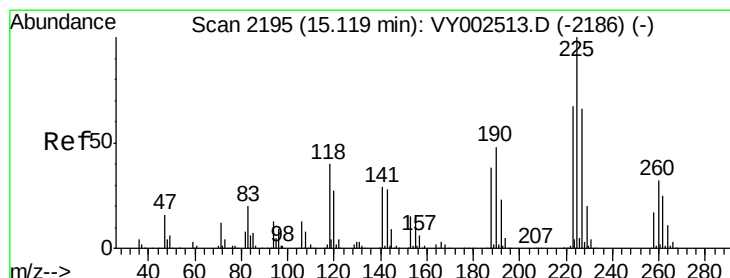
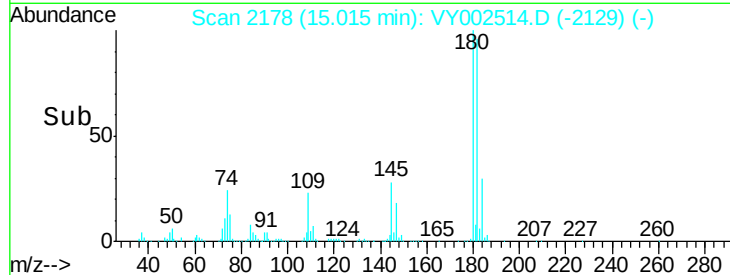
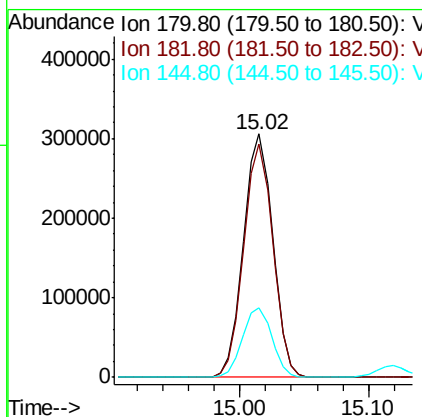
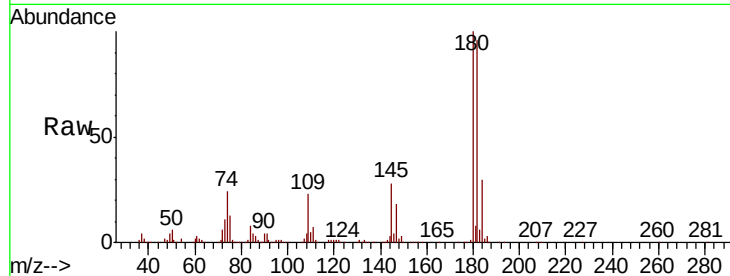




#93
 1,2,4-Trichlorobenzene
 Concen: 98.356 ug/l
 RT: 15.02 min Scan# 2178
 Delta R.T. -0.00 min
 Lab File: VY002514.D
 Acq: 30 Apr 2020 15:44

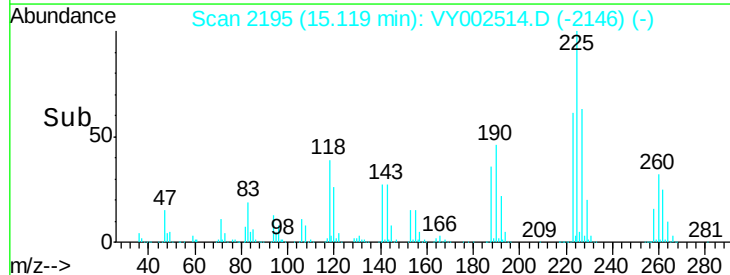
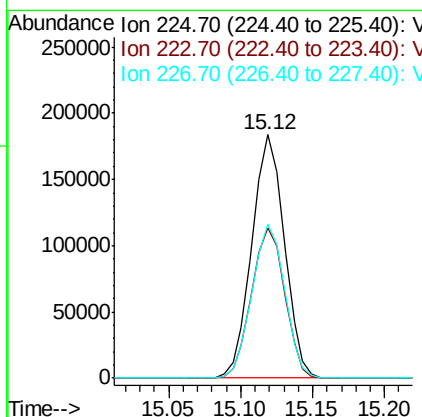
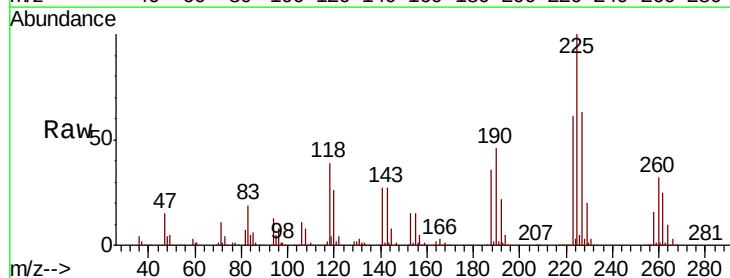
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

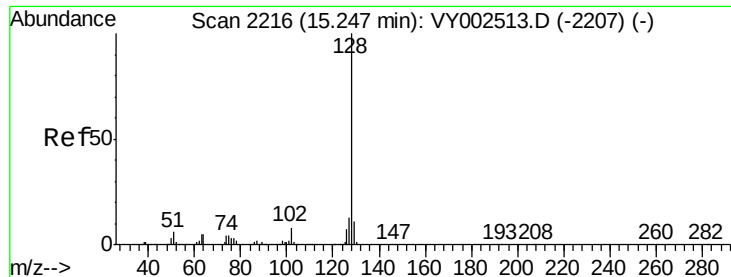
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.4	47.9	143.6
145	28.8	14.4	43.0



#94
 Hexachlorobutadiene
 Concen: 97.686 ug/l
 RT: 15.12 min Scan# 2195
 Delta R.T. -0.00 min
 Lab File: VY002514.D
 Acq: 30 Apr 2020 15:44

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.1	32.1	96.5
227	63.9	32.0	96.2

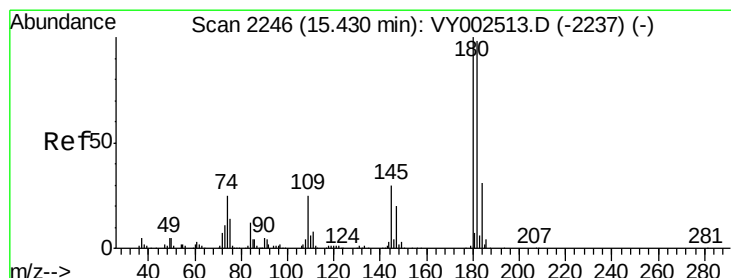
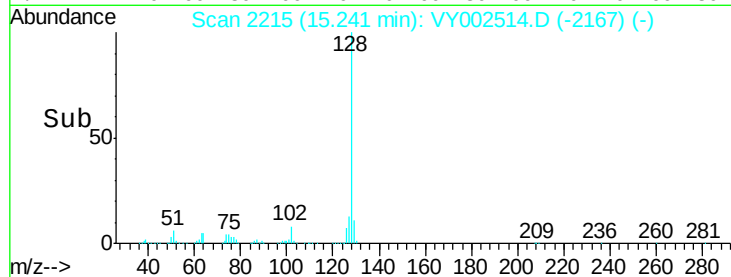
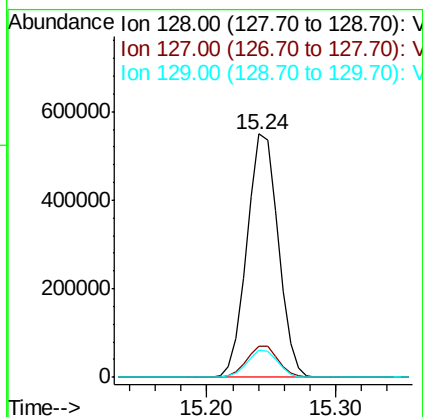
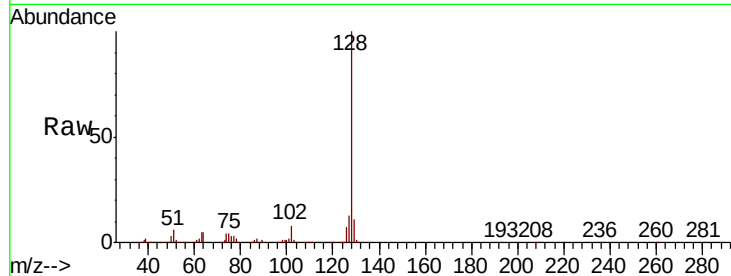




#95
Naphthalene
Concen: 102.985 ug/l
RT: 15.24 min Scan# 2215
Delta R.T. -0.01 min
Lab File: VY002514.D
Acq: 30 Apr 2020 15:44

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tot Ion:128 Resp: 918090
Ion Ratio Lower Upper
128 100
127 12.8 10.5 15.7
129 11.1 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 98.854 ug/l
RT: 15.43 min Scan# 2246
Delta R.T. -0.00 min
Lab File: VY002514.D
Acq: 30 Apr 2020 15:44

Tgt Ion:180 Resp: 410102
Ion Ratio Lower Upper
180 100
182 95.7 47.9 143.8
145 30.4 15.0 45.1

