

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY043020\
 Data File : VY002511.D
 Acq On : 30 Apr 2020 14:40
 Operator : SY/MD
 Sample : VSTDIC010
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Quant Time: May 04 12:22:12 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	371371	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	551766	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	504072	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	261302	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.16	65	29419	9.42	ug/l	0.00
Spiked Amount			Recovery	=	18.84%	
35) Dibromofluoromethane	7.74	113	30019	9.51	ug/l	0.00
Spiked Amount			Recovery	=	19.02%	
50) Toluene-d8	10.19	98	118546	9.62	ug/l	0.00
Spiked Amount			Recovery	=	19.24%	
62) 4-Bromofluorobenzene	12.49	95	40107	9.59	ug/l	0.00
Spiked Amount			Recovery	=	19.18%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	22661	8.035	ug/l	93
3) Chloromethane	2.12	50	26628	8.850	ug/l	96
4) Vinyl Chloride	2.26	62	31249	8.994	ug/l	98
5) Bromomethane	2.66	94	23043	9.618	ug/l	98
6) Chloroethane	2.80	64	19456	9.379	ug/l	98
7) Trichlorofluoromethane	3.14	101	50342	9.349	ug/l	98
8) Diethyl Ether	3.54	74	16660	9.207	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.92	101	30889	9.386	ug/l	99
10) Methyl Iodide	4.11	142	38749	8.643	ug/l	99
11) Tert butyl alcohol	4.98	59	17188	53.502	ug/l	99
12) 1,1-Dichloroethene	3.89	96	29469	9.218	ug/l	97
13) Acrolein	3.75	56	9657	43.471	ug/l	91
14) Allyl chloride	4.50	41	43895	9.424	ug/l	99
15) Acrylonitrile	5.19	53	41780	48.962	ug/l	99
16) Acetone	3.97	43	31854	49.430	ug/l	98
17) Carbon Disulfide	4.21	76	82708	8.600	ug/l	98
18) Methyl Acetate	4.50	43	20708	9.617	ug/l	97
19) Methyl tert-butyl Ether	5.25	73	80288	9.626	ug/l	99
20) Methylene Chloride	4.74	84	36753	10.199	ug/l	96
21) trans-1,2-Dichloroethene	5.25	96	32706	9.360	ug/l	95
22) Diisopropyl ether	6.14	45	91514	9.710	ug/l	98
23) Vinyl Acetate	6.08	43	287588	48.519	ug/l	98
24) 1,1-Dichloroethane	6.04	63	53234	9.547	ug/l	97
25) 2-Butanone	7.01	43	52486	49.755	ug/l	97
26) 2,2-Dichloropropane	7.00	77	52488	9.904	ug/l	99
27) cis-1,2-Dichloroethene	7.01	96	36689	9.489	ug/l	98
28) Bromochloromethane	7.36	49	22600	9.893	ug/l	100
29) Tetrahydrofuran	7.37	42	34143	48.920	ug/l	97
30) Chloroform	7.53	83	56498	9.745	ug/l	95
31) Cyclohexane	7.80	56	54471	9.705	ug/l #	87
32) 1,1,1-Trichloroethane	7.72	97	52245	9.695	ug/l	97
36) 1,1-Dichloropropene	7.93	75	43616	9.429	ug/l	99
37) Ethyl Acetate	7.10	43	23100	9.718	ug/l	99
38) Carbon Tetrachloride	7.92	117	46911	9.289	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	56242	9.206	ug/l	94
40) Benzene	8.18	78	127292	9.528	ug/l	99
41) Methacrylonitrile	7.35	41	12855m	10.346	ug/l	
42) 1,2-Dichloroethane	8.25	62	36433	9.722	ug/l	98
43) Isopropyl Acetate	8.29	43	42654	9.572	ug/l	99
44) Trichloroethene	8.96	130	39914	9.560	ug/l	94
45) 1,2-Dichloropropane	9.23	63	31347	9.722	ug/l	99
46) Dibromomethane	9.32	93	18044	9.727	ug/l	97
47) Bromodichloromethane	9.51	83	42898	9.510	ug/l	99
48) Methyl methacrylate	9.30	41	19415	9.627	ug/l	97
49) 1,4-Dioxane	9.31	88	4883	198.802	ug/l	93
51) 4-Methyl-2-Pentanone	10.08	43	111083	48.364	ug/l	100
52) Toluene	10.25	92	82844	9.649	ug/l	97
53) t-1,3-Dichloropropene	10.47	75	44704	9.459	ug/l	98
54) cis-1,3-Dichloropropene	9.94	75	52427	9.596	ug/l	99
55) 1,1,2-Trichloroethane	10.66	97	26317	9.728	ug/l	94
56) Ethyl methacrylate	10.52	69	33200	9.225	ug/l	100
57) 1,3-Dichloropropane	10.80	76	45101	9.831	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.80	63	97044	51.134	ug/l	100
59) 2-Hexanone	10.84	43	75374	47.680	ug/l	99
60) Dibromochloromethane	10.99	129	32607	9.477	ug/l	99
61) 1,2-Dibromoethane	11.10	107	25865	9.656	ug/l	97
64) Tetrachloroethene	10.73	164	42644	9.522	ug/l	97
65) Chlorobenzene	11.52	112	93184	9.724	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.60	131	33523	9.424	ug/l	98
67) Ethyl Benzene	11.60	91	160374	9.528	ug/l	99
68) m/p-Xylenes	11.71	106	122610	18.826	ug/l	98
69) o-Xylene	12.03	106	58240	9.551	ug/l	100
70) Styrene	12.05	104	97650	9.367	ug/l	100
71) Bromoform	12.22	173	20650	9.353	ug/l #	100
73) Isopropylbenzene	12.34	105	159706	9.431	ug/l	100
74) N-amyl acetate	12.15	43	38917	9.553	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.59	83	25787	9.575	ug/l	98
76) 1,2,3-Trichloropropane	12.64	75	22107m	9.478	ug/l	
77) Bromobenzene	12.61	156	39732	9.391	ug/l	97
78) n-propylbenzene	12.67	91	186421	9.486	ug/l	99
79) 2-Chlorotoluene	12.77	91	103997	9.553	ug/l	99
80) 1,3,5-Trimethylbenzene	12.82	105	133048	9.478	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.39	75	10439	9.014	ug/l	99
82) 4-Chlorotoluene	12.86	91	108879	9.522	ug/l	98
83) tert-Butylbenzene	13.08	119	115291	9.367	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	133772	9.562	ug/l	99
85) sec-Butylbenzene	13.26	105	163934	9.598	ug/l	100
86) p-Isopropyltoluene	13.38	119	152392	9.522	ug/l	99
87) 1,3-Dichlorobenzene	13.37	146	77179	9.638	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	76040	9.590	ug/l	96
89) n-Butylbenzene	13.70	91	139551	9.579	ug/l	99
90) Hexachloroethane	13.97	117	27431	9.412	ug/l	98
91) 1,2-Dichlorobenzene	13.75	146	70192	9.823	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	4831	9.623	ug/l	94

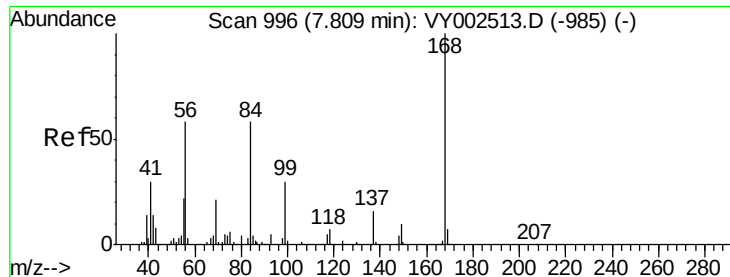
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY043020\
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	50029	9.644	ug/l	99
94) Hexachlorobutadiene	15.12	225	30740	9.872	ug/l	98
95) Naphthalene	15.24	128	90209	9.532	ug/l	100
96) 1,2,3-Trichlorobenzene	15.43	180	42534	9.658	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.00 min

Lab File: VY002511.D

Acq: 30 Apr 2020 14:40

Instrument :

MSVOA_Y

ClientSampleId :

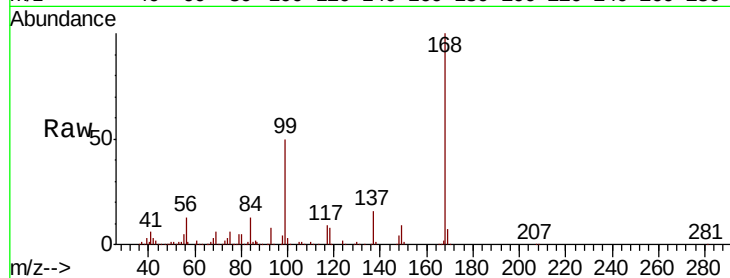
VSTDIC010

Tot Ion:168 Resp: 371371

Ion Ratio Lower Upper

168 100

99 49.6 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY002511.D (-947) (-)

Ion 98.90 (98.60 to 99.60): VY002511.D (-947) (-)

7.81

150000

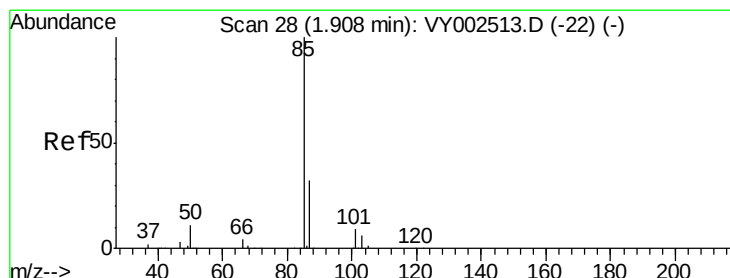
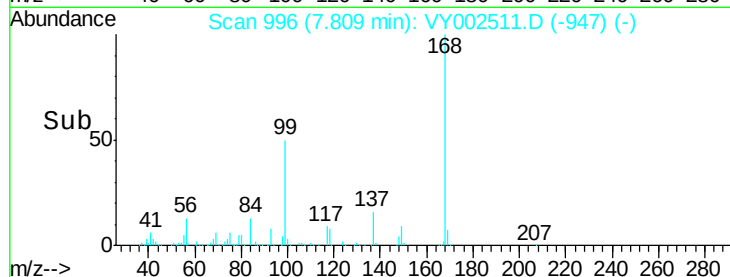
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 8.035 ug/l

RT: 1.91 min Scan# 28

Delta R.T. -0.00 min

Lab File: VY002511.D

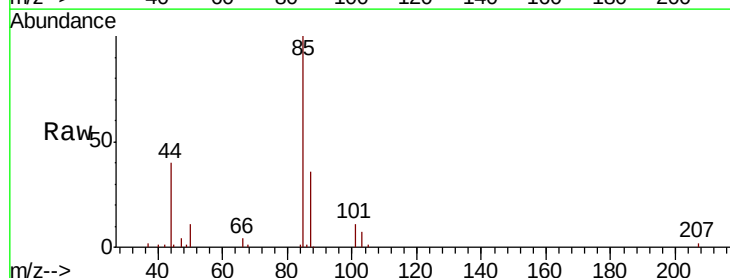
Acq: 30 Apr 2020 14:40

Tgt Ion: 85 Resp: 22661

Ion Ratio Lower Upper

85 100

87 35.7 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VY002511.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY002511.D (-1) (-)

1.91

15000

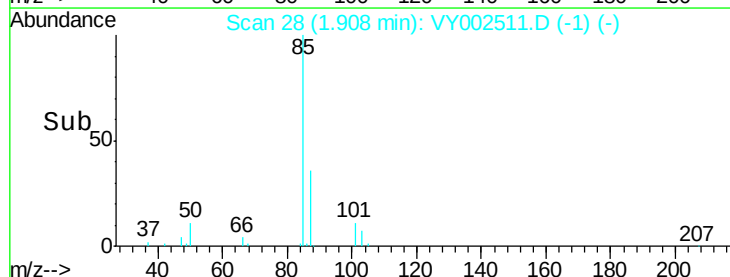
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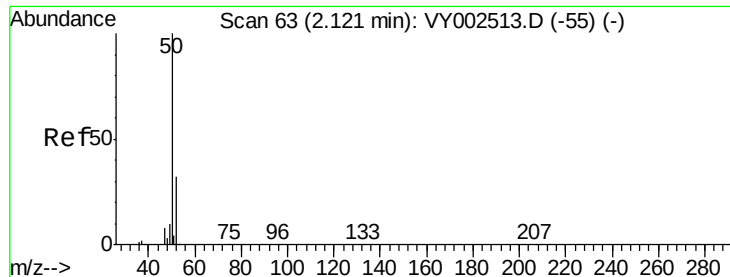
5000

0

1.85 1.90 1.95 2.00

Time-->





#3

Chloromethane

Concen: 8.850 ug/l

RT: 2.12 min Scan# 63

Delta R.T. -0.00 min

Lab File: VY002511.D

Acq: 30 Apr 2020 14:40

Instrument :

MSVOA_Y

ClientSampleId :

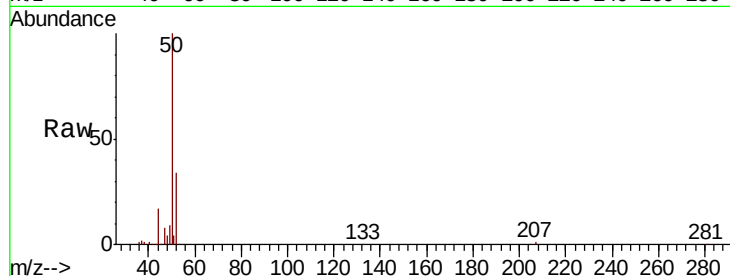
VSTDIC010

Tot Ion: 50 Resp: 26628

Ion Ratio Lower Upper

50 100

52 34.5 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0

2.12

20000

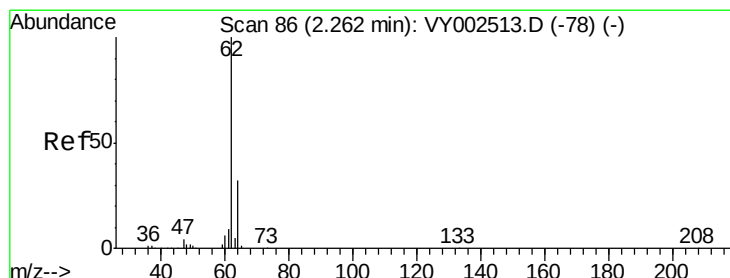
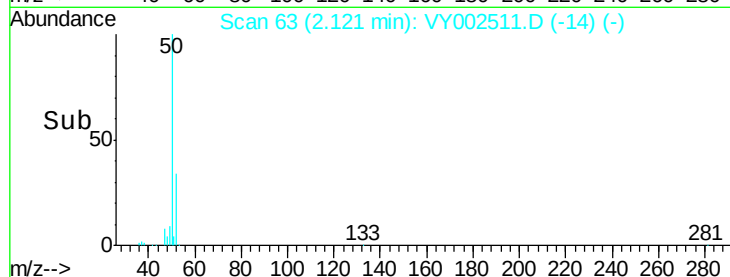
15000

10000

5000

0

Time-->



#4

Vinyl Chloride

Concen: 8.994 ug/l

RT: 2.26 min Scan# 86

Delta R.T. -0.00 min

Lab File: VY002511.D

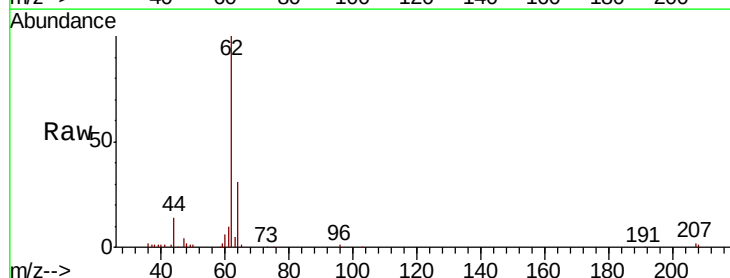
Acq: 30 Apr 2020 14:40

Tgt Ion: 62 Resp: 31249

Ion Ratio Lower Upper

62 100

64 30.6 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0

2.26

20000

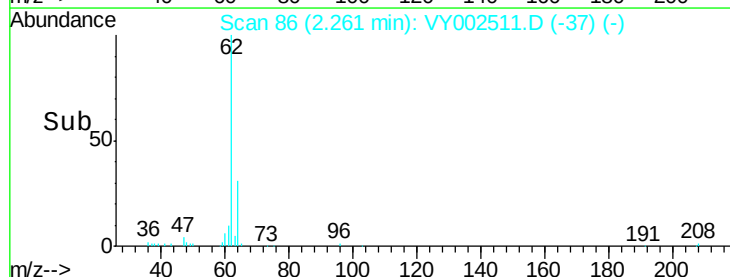
15000

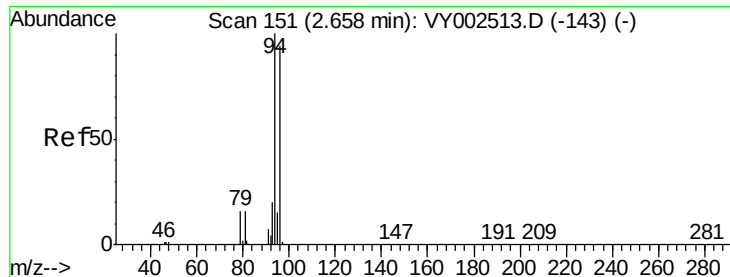
10000

5000

0

Time-->





#5

Bromomethane

Concen: 9.618 ug/l

RT: 2.66 min Scan# 152

Delta R.T. 0.01 min

Lab File: VY002511.D

Acq: 30 Apr 2020 14:40

Instrument :

MSVOA_Y

ClientSampleId :

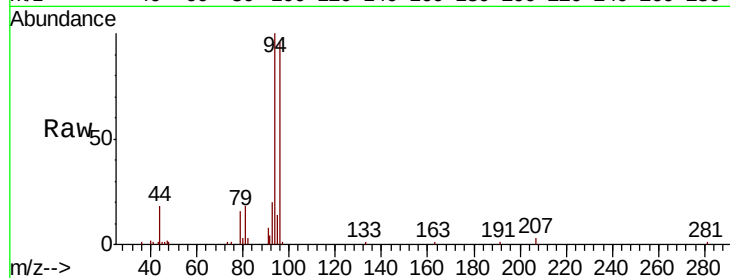
VSTDIC010

Tot Ion: 94 Resp: 23043

Ion Ratio Lower Upper

94 100

96 95.7 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0

2.66

12000

10000

8000

6000

4000

2000

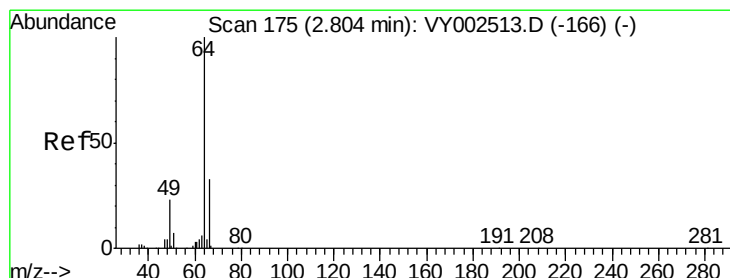
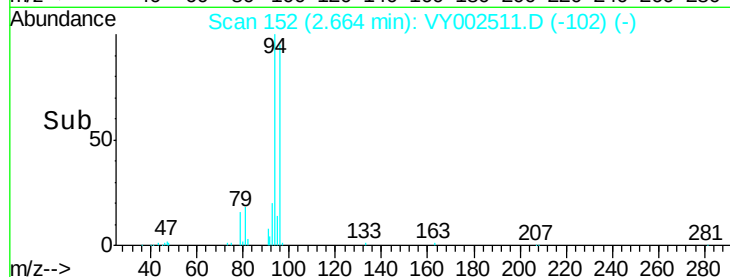
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Time-->

2.60

2.70

2.80



#6

Chloroethane

Concen: 9.379 ug/l

RT: 2.80 min Scan# 175

Delta R.T. -0.00 min

Lab File: VY002511.D

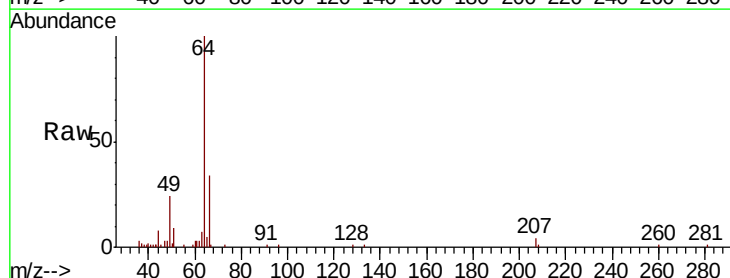
Acq: 30 Apr 2020 14:40

Tgt Ion: 64 Resp: 19456

Ion Ratio Lower Upper

64 100

66 34.2 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

10000

8000

6000

4000

2000

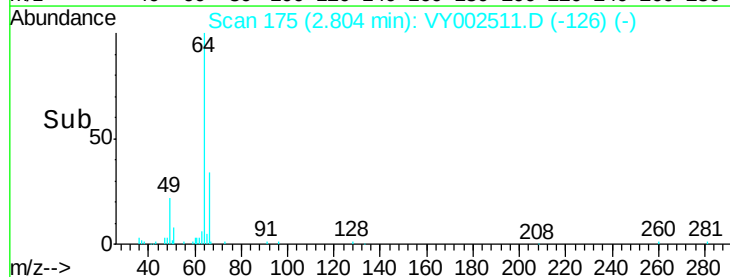
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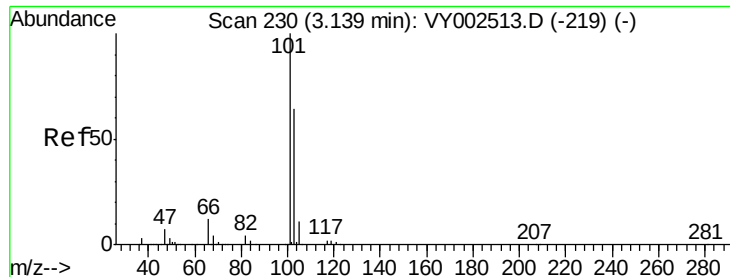
Time-->

2.70

2.80

2.90



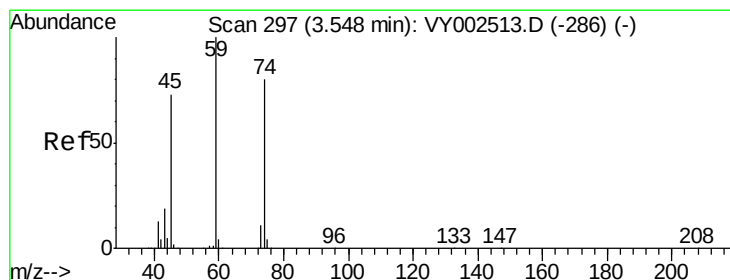
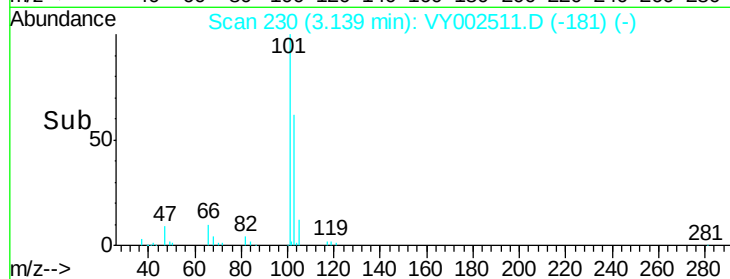
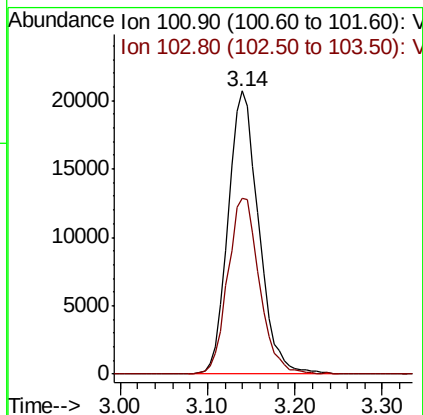
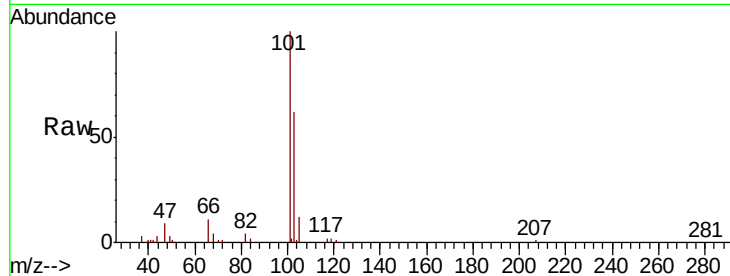


#7

Trichlorofluoromethane
 Concen: 9.349 ug/l
 RT: 3.14 min Scan# 230
 Delta R.T. -0.00 min
 Lab File: VY002511.D
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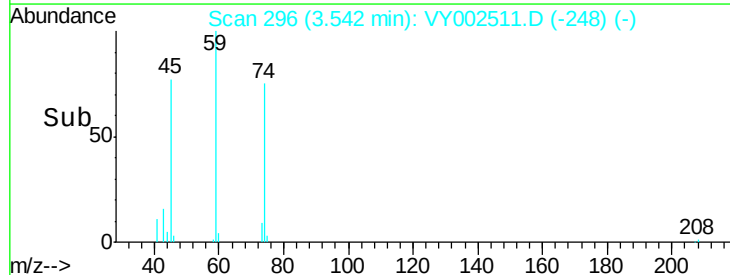
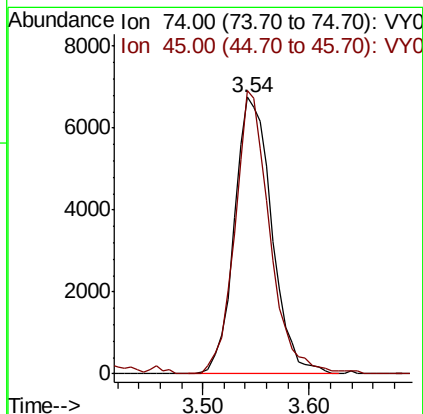
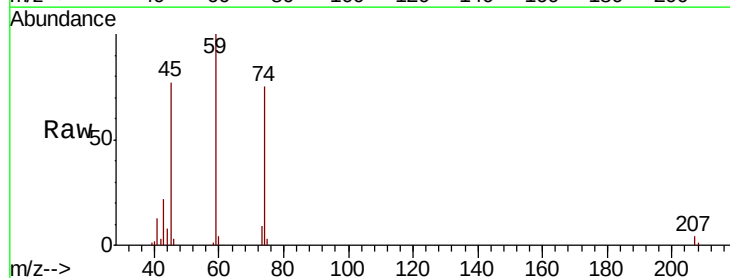
Tot Ion:101 Resp: 50342
 Ion Ratio Lower Upper
 101 100
 103 62.2 51.4 77.0

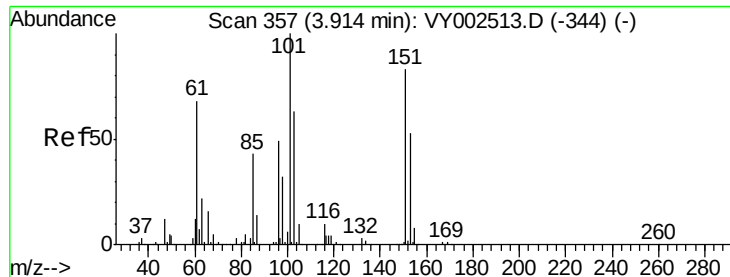


#8

Diethyl Ether
 Concen: 9.207 ug/l
 RT: 3.54 min Scan# 296
 Delta R.T. -0.01 min
 Lab File: VY002511.D
 Acq: 30 Apr 2020 14:40

Tgt Ion: 74 Resp: 16660
 Ion Ratio Lower Upper
 74 100
 45 94.8 46.2 138.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 9.386 ug/l

RT: 3.92 min Scan# 358

Delta R.T. 0.01 min

Lab File: VY002511.D

Acq: 30 Apr 2020 14:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

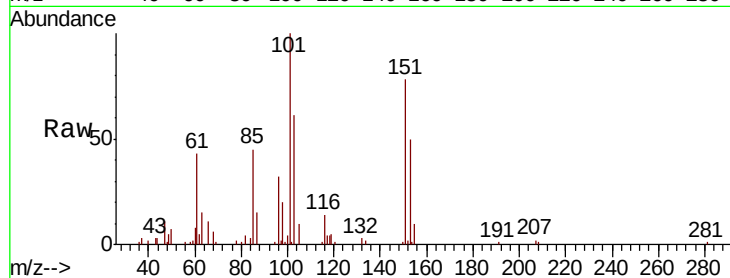
Tot Ion:101 Resp: 30889

Ion Ratio Lower Upper

101 100

85 43.1 33.4 50.2

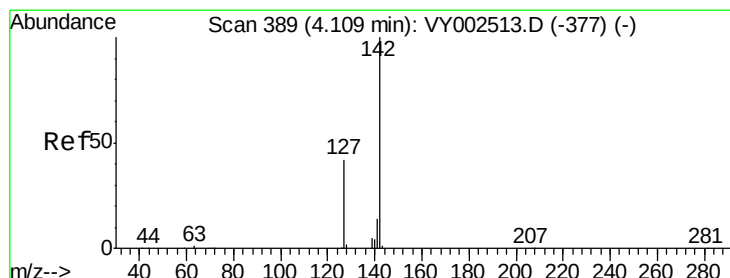
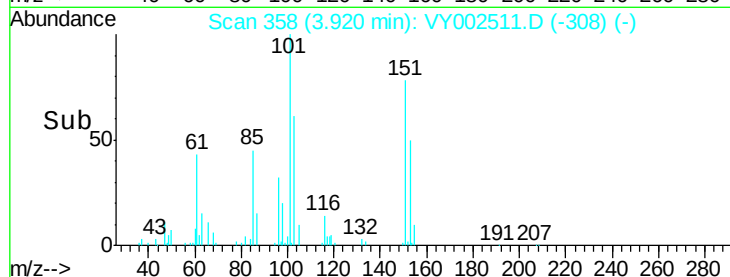
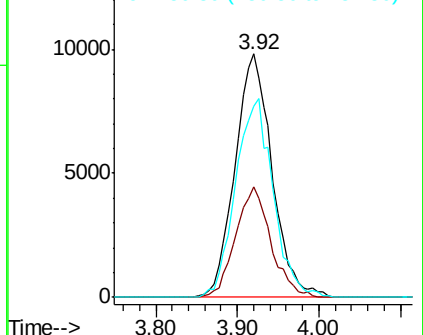
151 83.0 66.8 100.2



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: 8.643 ug/l

RT: 4.11 min Scan# 389

Delta R.T. -0.00 min

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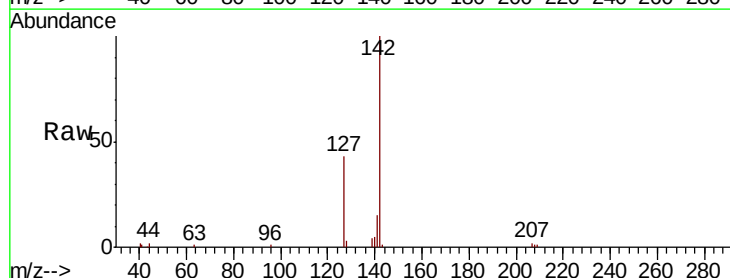
Tgt Ion:142 Resp: 38749

Ion Ratio Lower Upper

142 100

127 42.4 33.7 50.5

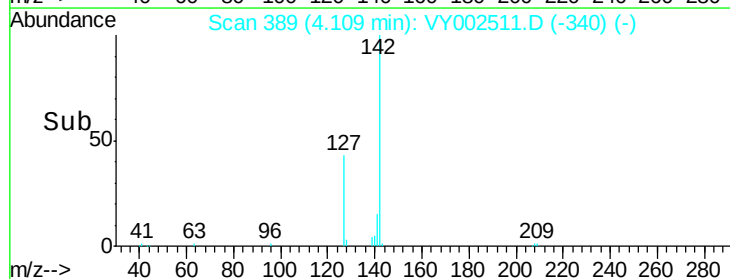
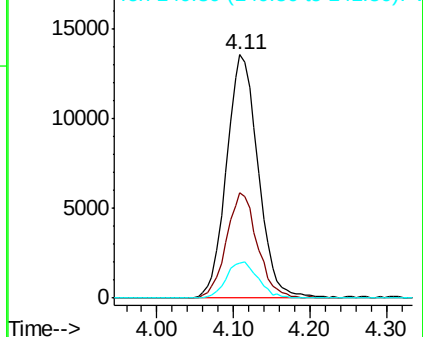
141 14.9 11.4 17.0

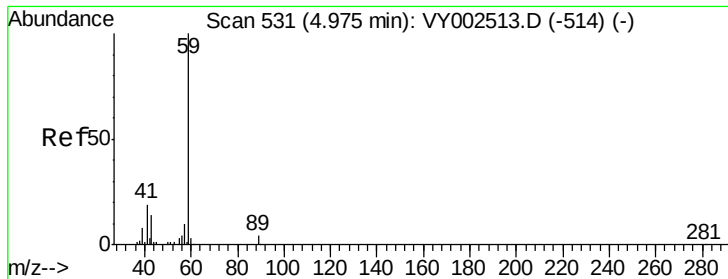


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



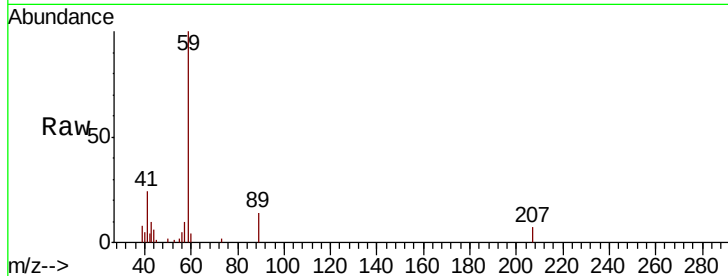


#11

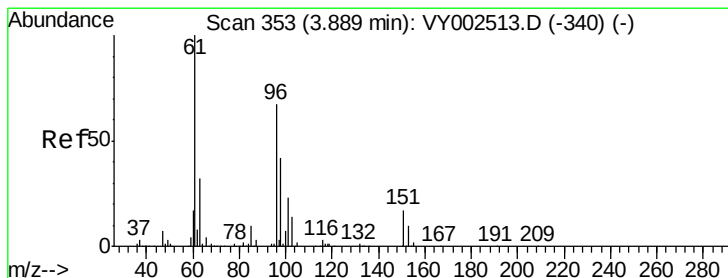
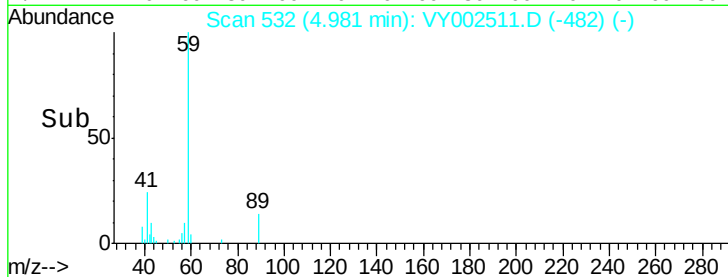
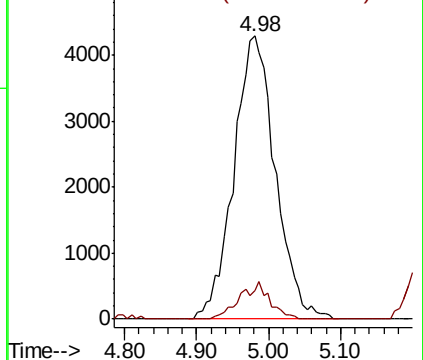
Tert butyl alcohol
 Concen: 53.502 ug/l
 RT: 4.98 min Scan# 532
 Delta R.T. 0.01 min
 Lab File: VY002511.D
 Acq: 30 Apr 2020 14:40

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Tot Ion: 59 Resp: 17188
 Ion Ratio Lower Upper
 59 100
 57 9.5 7.8 11.6



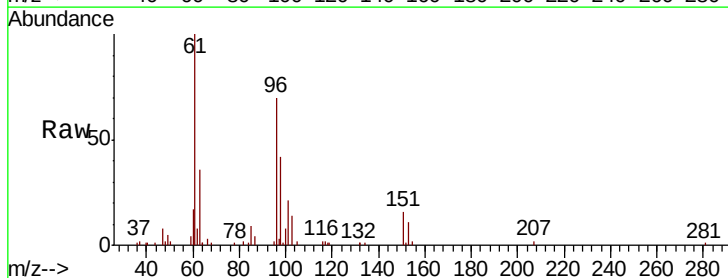
Abundance Ion 59.00 (58.70 to 59.70): VY0
 Ion 57.00 (56.70 to 57.70): VY0



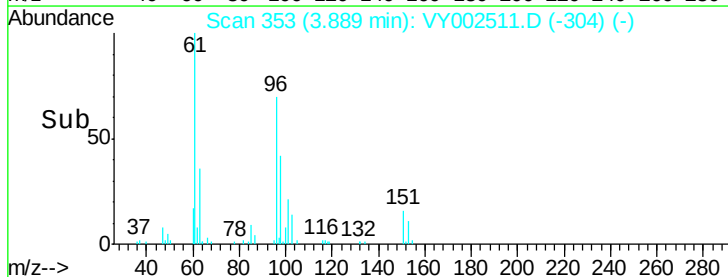
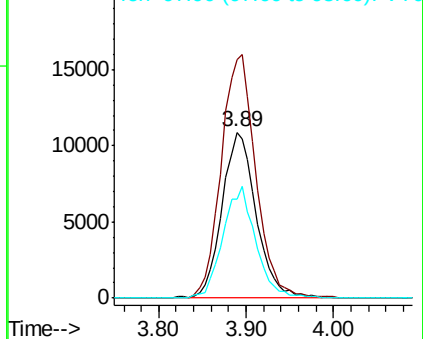
#12

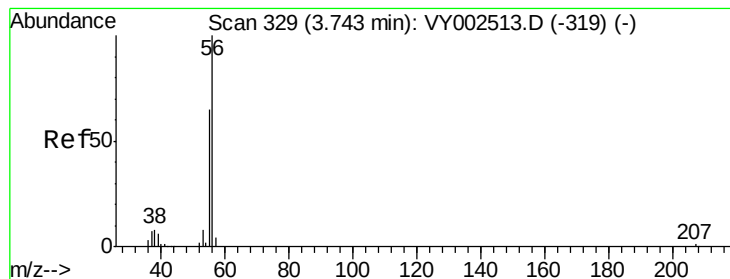
1,1-Dichloroethene
 Concen: 9.218 ug/l
 RT: 3.89 min Scan# 353
 Delta R.T. -0.00 min
 Lab File: VY002511.D
 Acq: 30 Apr 2020 14:40

Tgt Ion: 96 Resp: 29469
 Ion Ratio Lower Upper
 96 100
 61 143.9 118.8 178.2
 98 59.8 49.6 74.4



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





#13

Acrolein

Concen: 43.471 ug/l

RT: 3.75 min Scan# 330

Delta R.T. 0.01 min

Lab File: VY002511.D

Acq: 30 Apr 2020 14:40

Instrument :

MSVOA_Y

ClientSampleId :

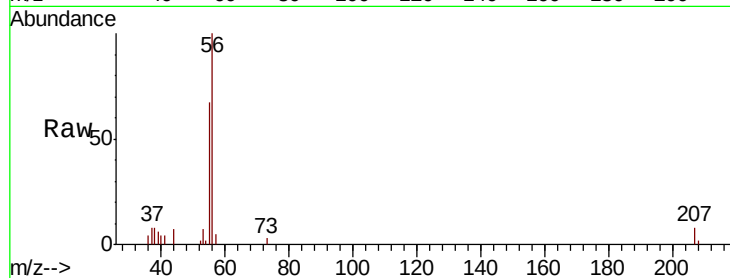
VSTDIC010

Tot Ion: 56 Resp: 9657

Ion Ratio Lower Upper

56 100

55 74.6 53.8 80.6



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

3.75

4000

3000

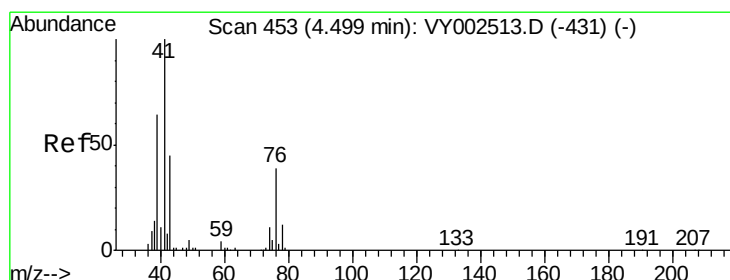
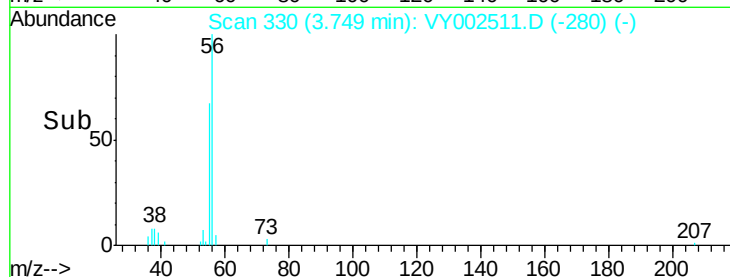
2000

1000

0

Time-->

3.70 3.80



#14

Allyl chloride

Concen: 9.424 ug/l

RT: 4.50 min Scan# 454

Delta R.T. 0.01 min

Lab File: VY002511.D

Acq: 30 Apr 2020 14:40

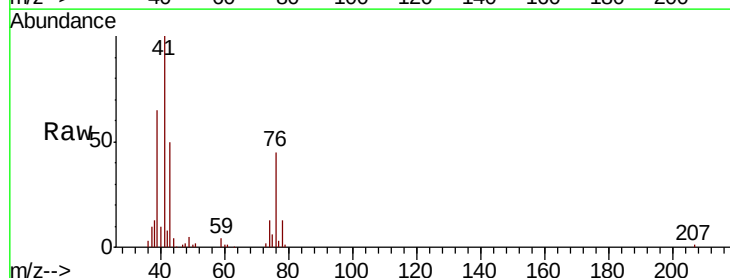
Tgt Ion: 41 Resp: 43895

Ion Ratio Lower Upper

41 100

39 65.4 51.8 77.6

76 40.4 31.7 47.5



Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0

15000

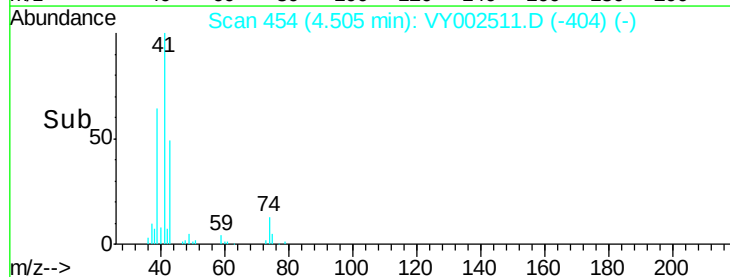
10000

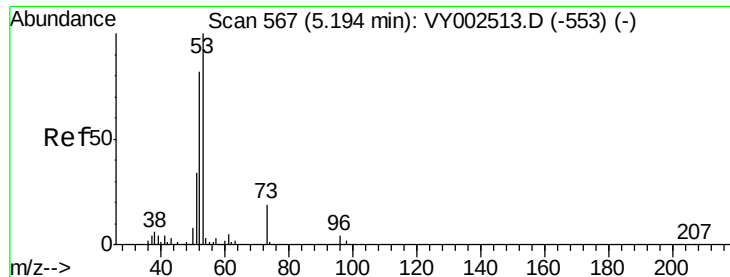
5000

0

Time-->

4.30 4.40 4.50 4.60 4.70





#15

Acrylonitrile

Concen: 48.962 ug/l

RT: 5.19 min Scan# 567

Delta R.T. -0.00 min

Lab File: VY002511.D

Acq: 30 Apr 2020 14:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

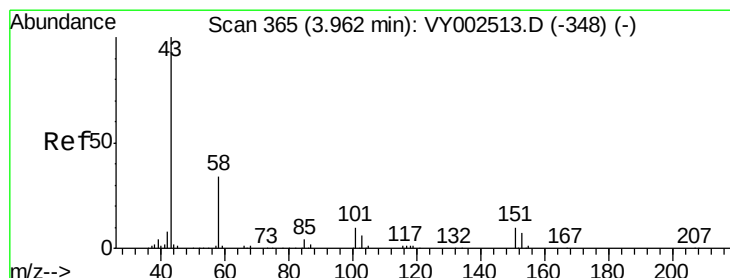
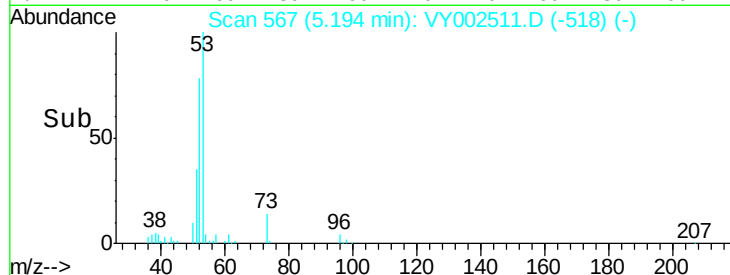
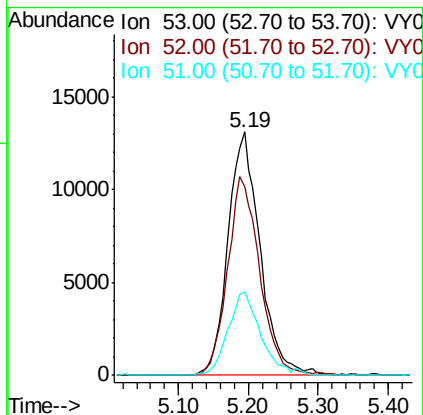
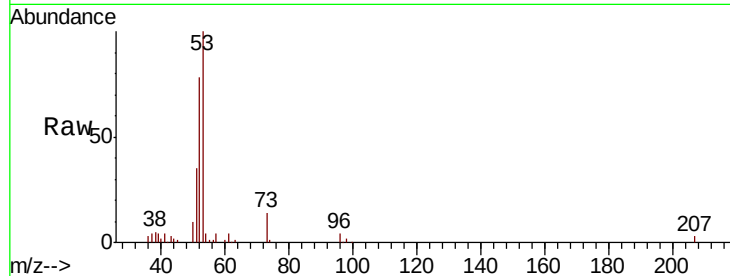
Tot Ion: 53 Resp: 41780

Ion Ratio Lower Upper

53 100

52 81.8 65.4 98.0

51 34.3 28.7 43.1



#16

Acetone

Concen: 49.430 ug/l

RT: 3.97 min Scan# 366

Delta R.T. 0.01 min

Lab File: VY002511.D

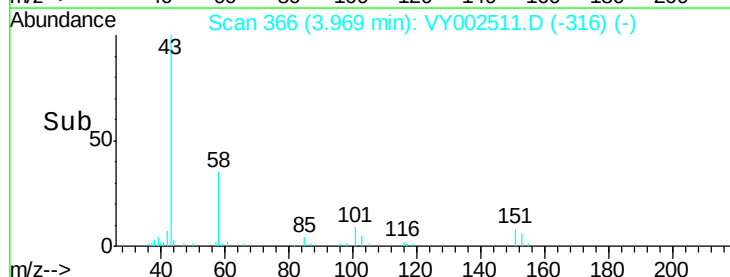
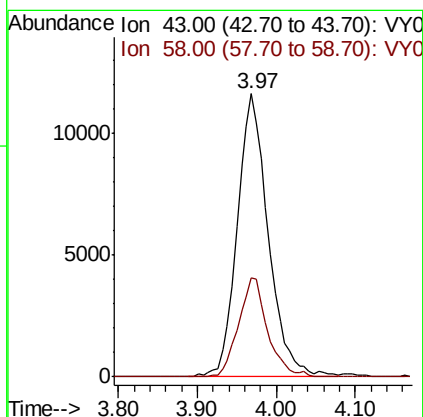
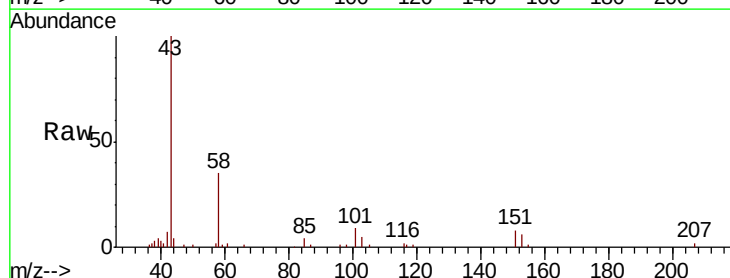
Acq: 30 Apr 2020 14:40

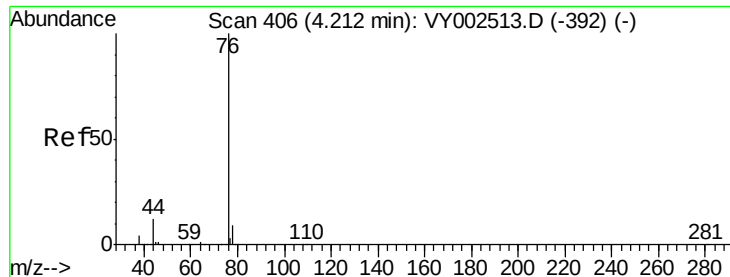
Tgt Ion: 43 Resp: 31854

Ion Ratio Lower Upper

43 100

58 34.8 26.9 40.3

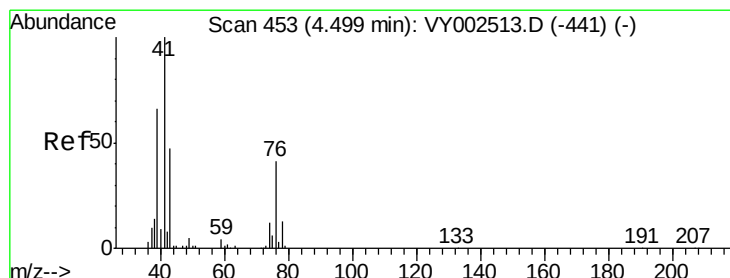
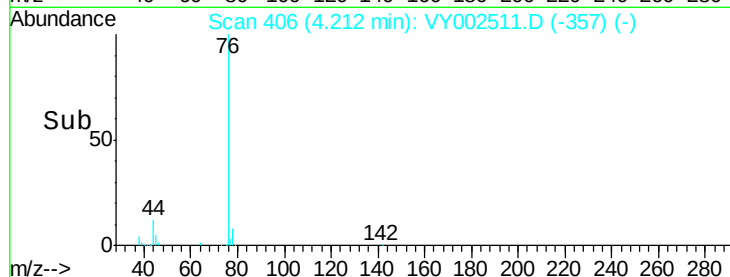
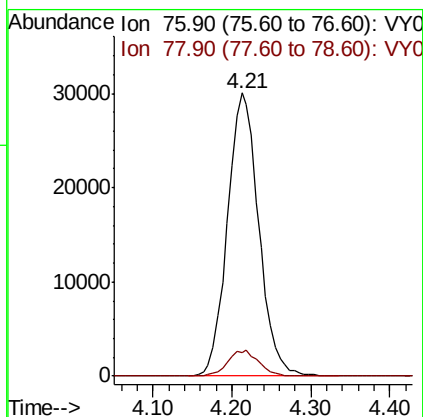
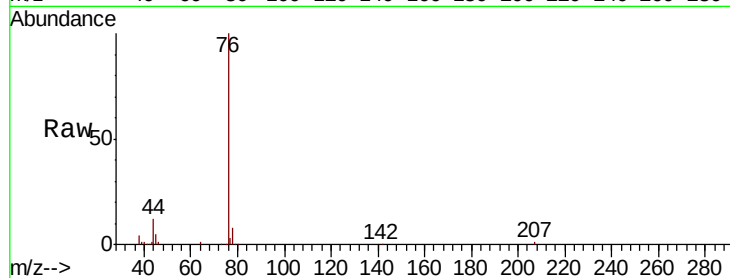




#17
Carbon Disulfide
Concen: 8.600 ug/l
RT: 4.21 min Scan# 406
Delta R.T. -0.00 min
Lab File: VY002511.D
Acq: 30 Apr 2020 14:40

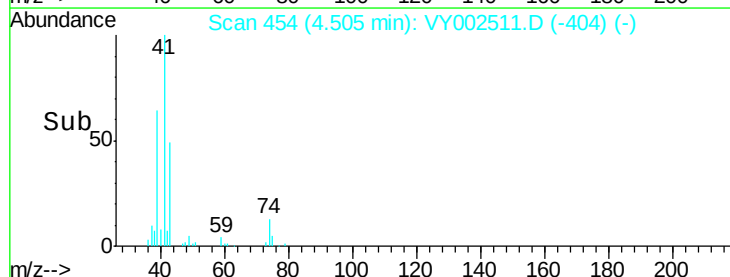
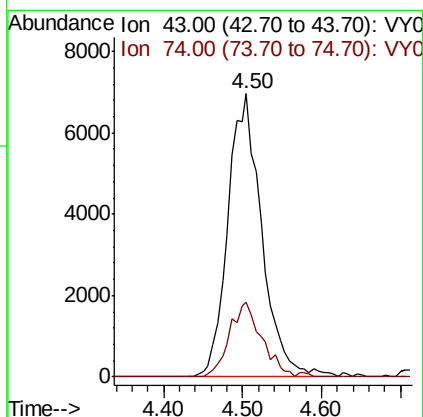
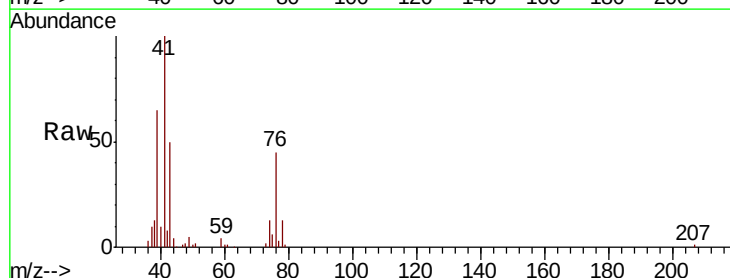
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

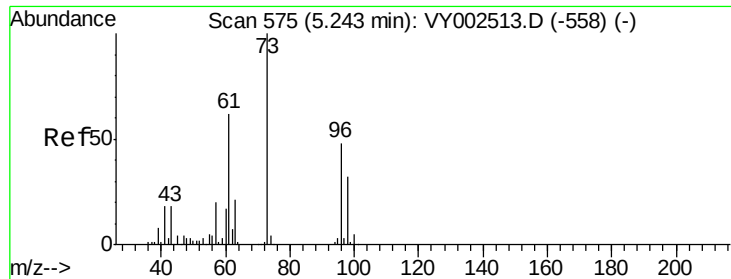
Tot Ion: 76 Resp: 82708
Ion Ratio Lower Upper
76 100
78 8.4 7.4 11.2



#18
Methyl Acetate
Concen: 9.617 ug/l
RT: 4.50 min Scan# 454
Delta R.T. 0.01 min
Lab File: VY002511.D
Acq: 30 Apr 2020 14:40

Tgt Ion: 43 Resp: 20708
Ion Ratio Lower Upper
43 100
74 25.2 21.2 31.8

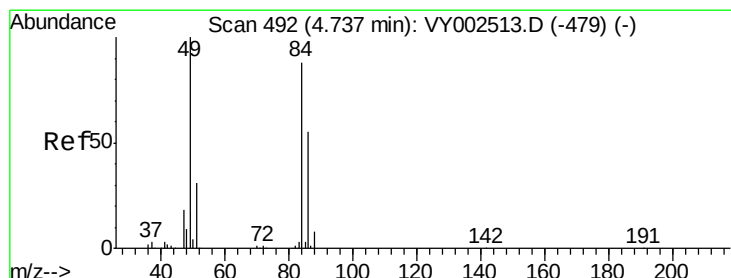
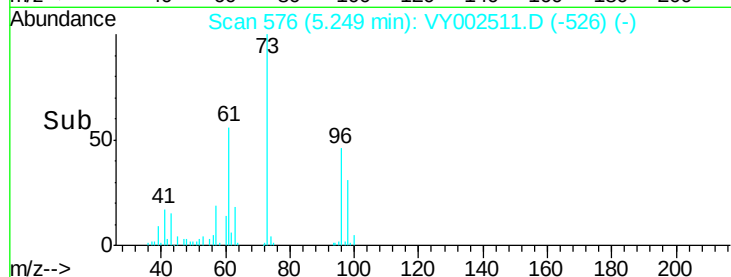
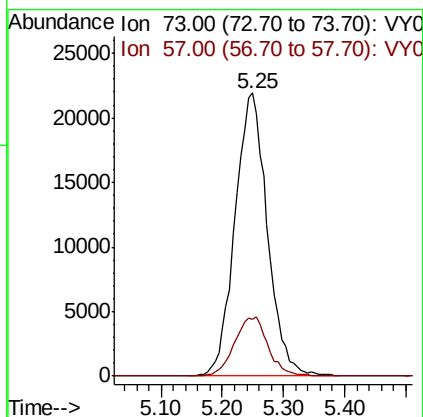
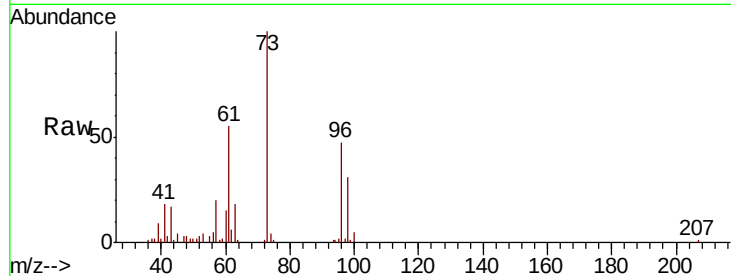




#19
Methyl tert-butyl Ether
Concen: 9.626 ug/l
RT: 5.25 min Scan# 576
Delta R.T. 0.01 min
Lab File: VY002511.D
Acq: 30 Apr 2020 14:40

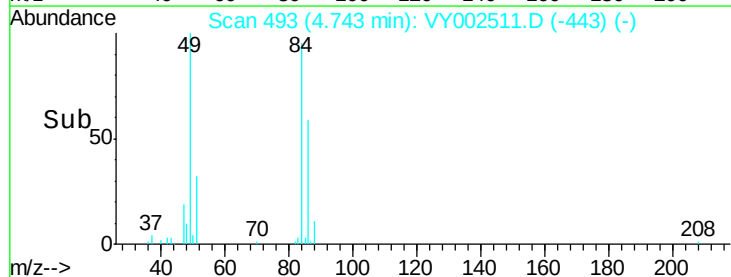
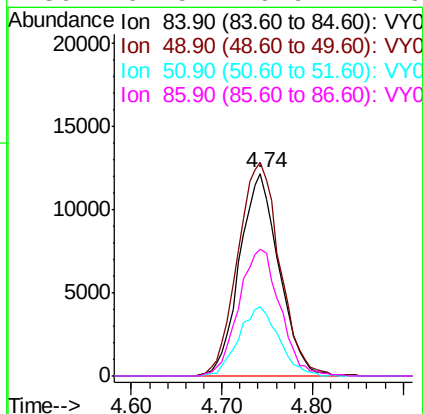
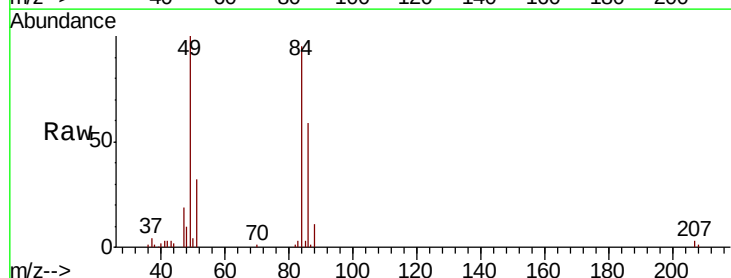
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

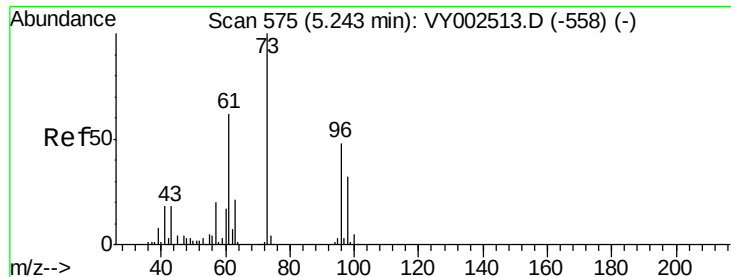
Tot Ion: 73 Resp: 80288
Ion Ratio Lower Upper
73 100
57 19.9 16.3 24.5



#20
Methylene Chloride
Concen: 10.199 ug/l
RT: 4.74 min Scan# 493
Delta R.T. 0.01 min
Lab File: VY002511.D
Acq: 30 Apr 2020 14:40

Tgt Ion: 84 Resp: 36753
Ion Ratio Lower Upper
84 100
49 105.5 90.5 135.7
51 33.9 28.3 42.5
86 62.5 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 9.360 ug/l

RT: 5.25 min Scan# 576

Delta R.T. 0.01 min

Lab File: VY002511.D

Acq: 30 Apr 2020 14:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

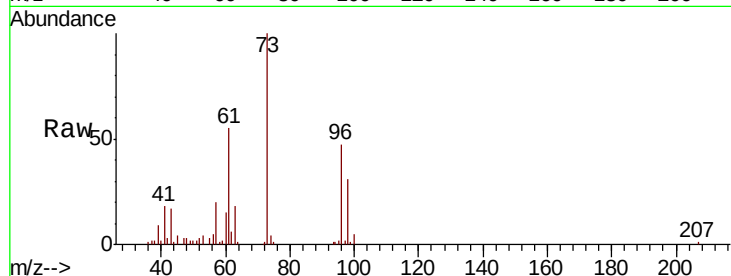
Tot Ion: 96 Resp: 32706

Ion Ratio Lower Upper

96 100

61 119.0 102.0 153.0

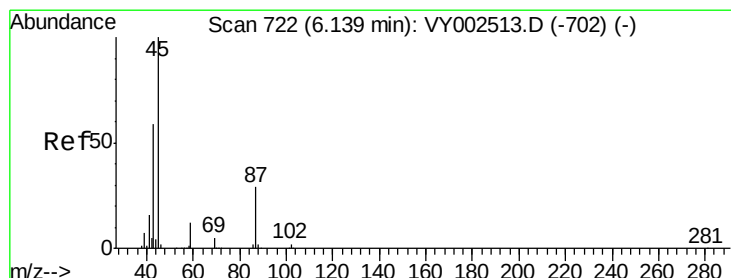
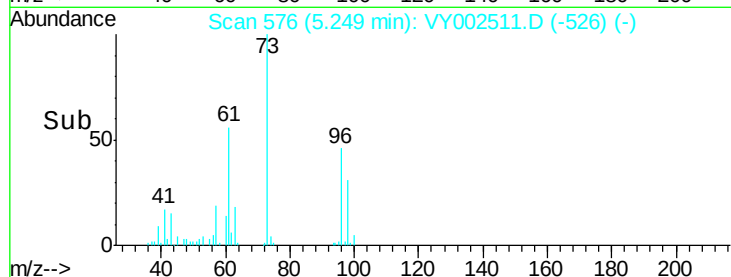
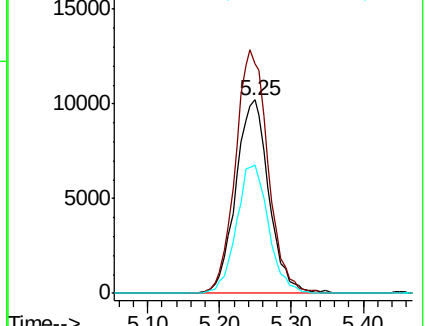
98 66.7 53.0 79.4



Abundance Ion 95.90 (95.60 to 96.60): VY002511.D (-526) (-)

Ion 60.90 (60.60 to 61.60): VY002511.D (-526) (-)

Ion 97.90 (97.60 to 98.60): VY002511.D (-526) (-)



#22

Diisopropyl ether

Concen: 9.710 ug/l

RT: 6.14 min Scan# 723

Delta R.T. 0.01 min

Lab File: VY002511.D

Acq: 30 Apr 2020 14:40

Tgt Ion: 45 Resp: 91514

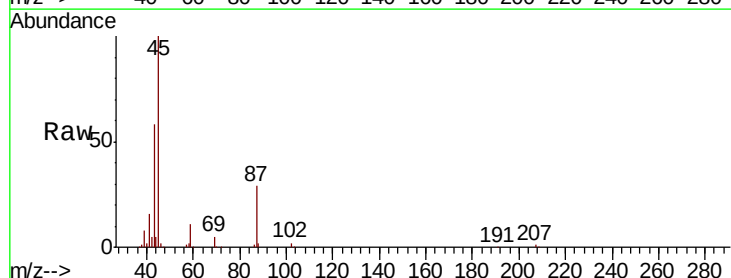
Ion Ratio Lower Upper

45 100

43 57.6 47.4 71.0

87 29.4 24.0 36.0

59 11.2 9.8 14.8

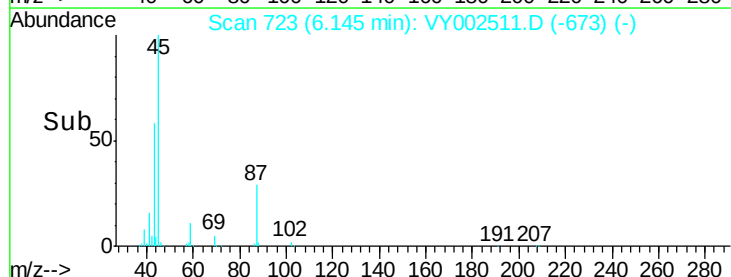
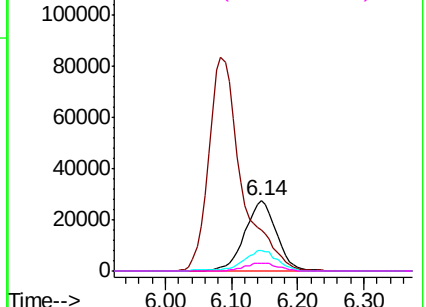


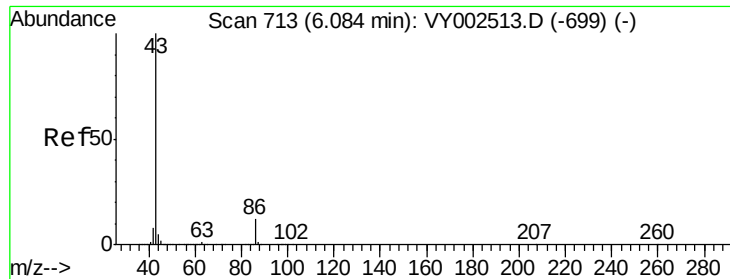
Abundance Ion 45.00 (44.70 to 45.70): VY002511.D (-673) (-)

Ion 43.00 (42.70 to 43.70): VY002511.D (-673) (-)

Ion 87.00 (86.70 to 87.70): VY002511.D (-673) (-)

Ion 59.00 (58.70 to 59.70): VY002511.D (-673) (-)





#23

Vinyl Acetate

Concen: 48.519 ug/l

RT: 6.08 min Scan# 713

Delta R.T. -0.00 min

Lab File: VY002511.D

Acq: 30 Apr 2020 14:40

Instrument :

MSVOA_Y

ClientSampleId :

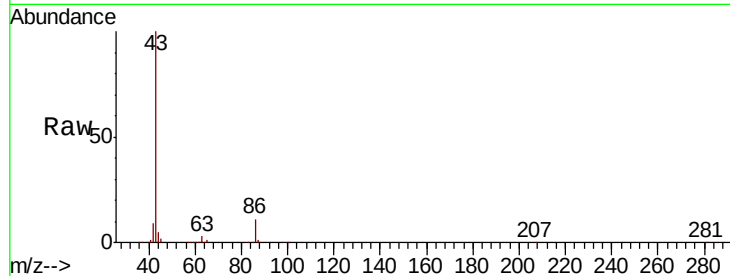
VSTDIC010

Tot Ion: 43 Resp: 287588

Ion Ratio Lower Upper

43 100

86 11.4 9.8 14.6

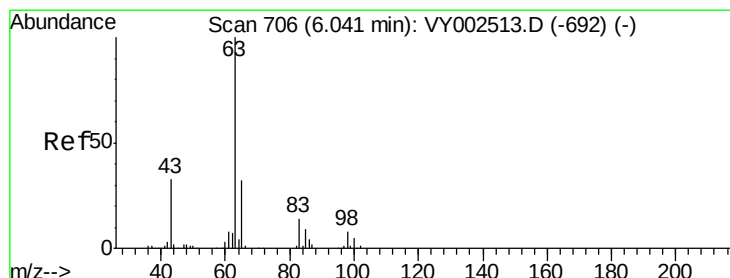
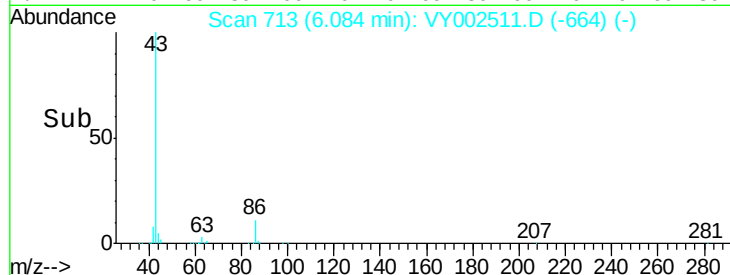


Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

6.08

Time-->



#24

1,1-Dichloroethane

Concen: 9.547 ug/l

RT: 6.04 min Scan# 706

Delta R.T. -0.00 min

Lab File: VY002511.D

Acq: 30 Apr 2020 14:40

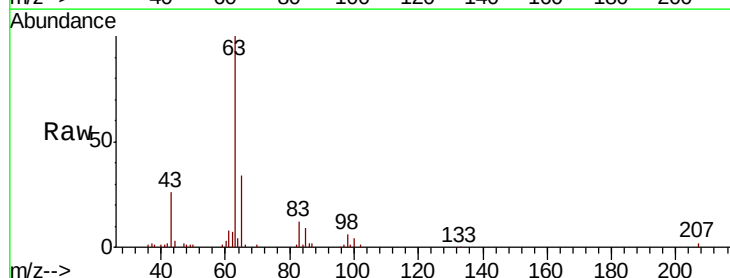
Tgt Ion: 63 Resp: 53234

Ion Ratio Lower Upper

63 100

98 6.4 3.9 11.7

100 4.5 2.4 7.2



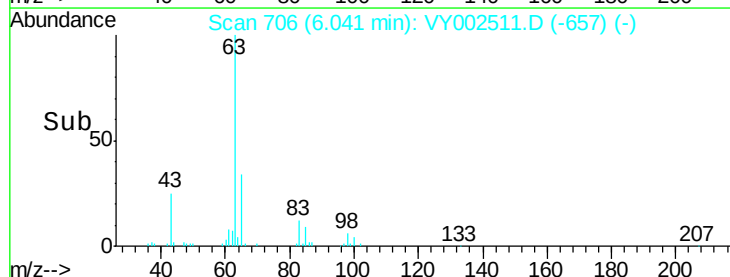
Abundance Ion 62.90 (62.60 to 63.60): VY0

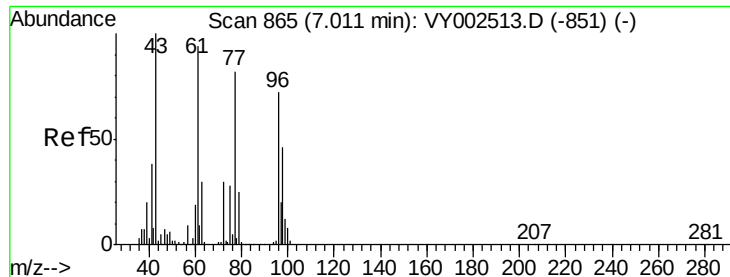
Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0

6.04

Time-->

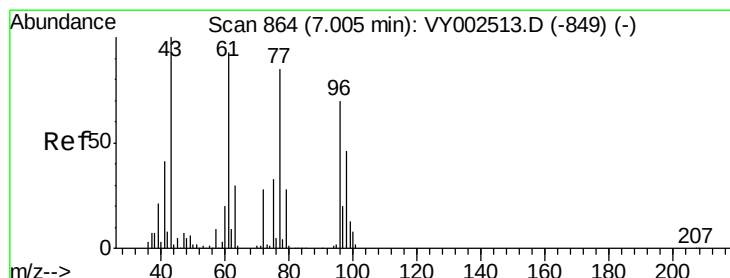
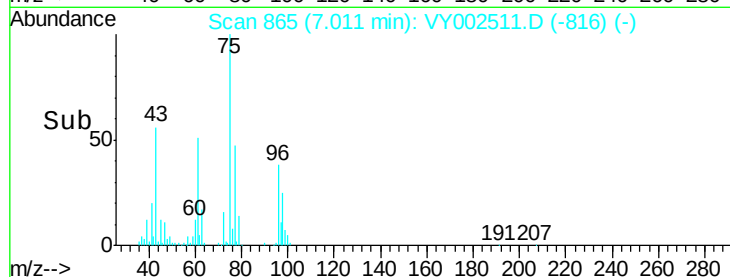
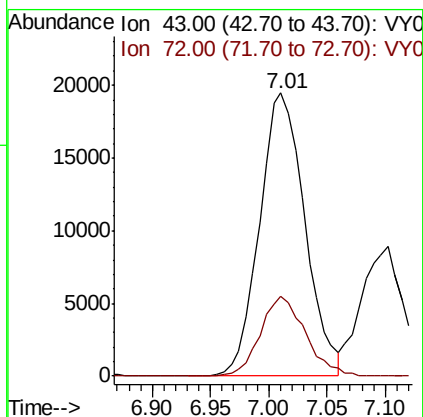
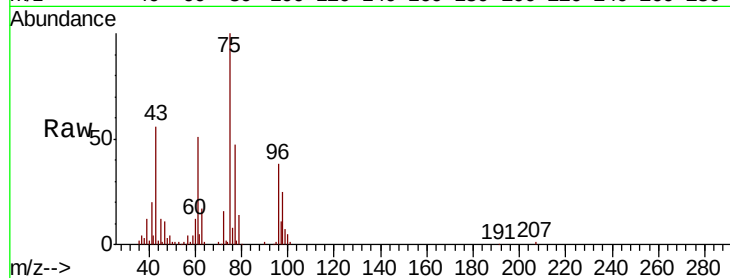




#25
2-Butanone
Concen: 49.755 ug/l
RT: 7.01 min Scan# 865
Delta R.T. -0.00 min
Lab File: VY002511.D
Acq: 30 Apr 2020 14:40

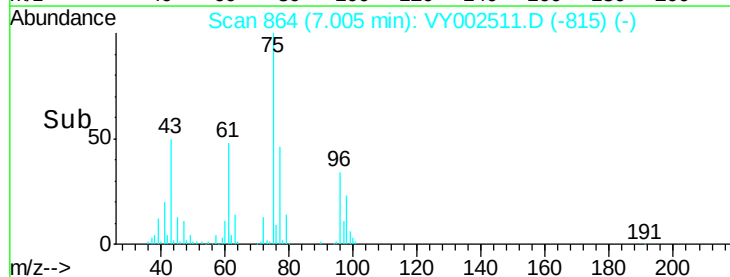
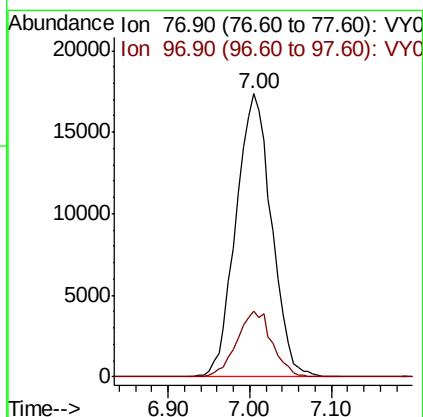
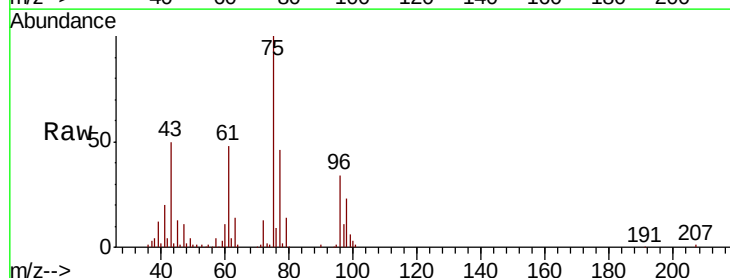
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

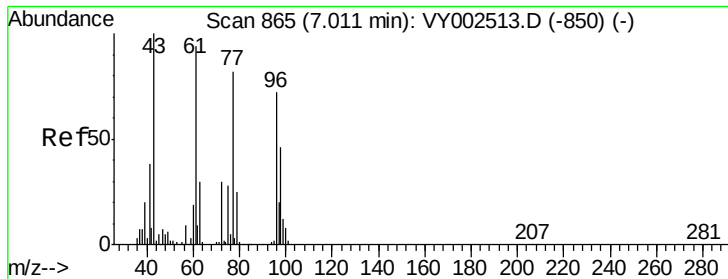
Tot Ion: 43 Resp: 52486
Ion Ratio Lower Upper
43 100
72 28.4 24.1 36.1



#26
2,2-Dichloropropane
Concen: 9.904 ug/l
RT: 7.00 min Scan# 864
Delta R.T. -0.00 min
Lab File: VY002511.D
Acq: 30 Apr 2020 14:40

Tgt Ion: 77 Resp: 52488
Ion Ratio Lower Upper
77 100
97 23.0 11.9 35.5



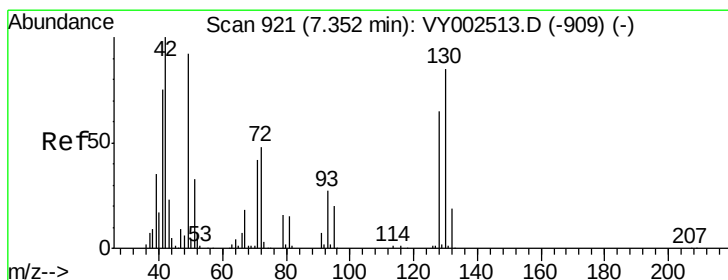
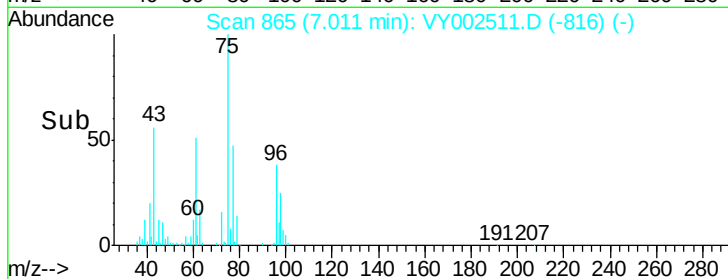
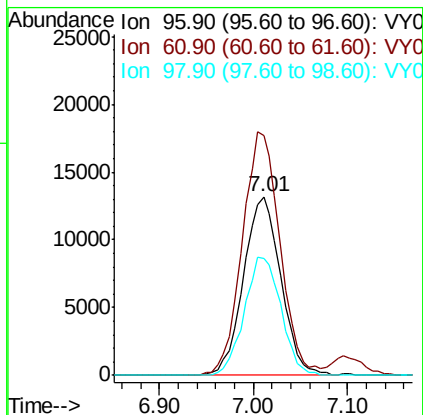
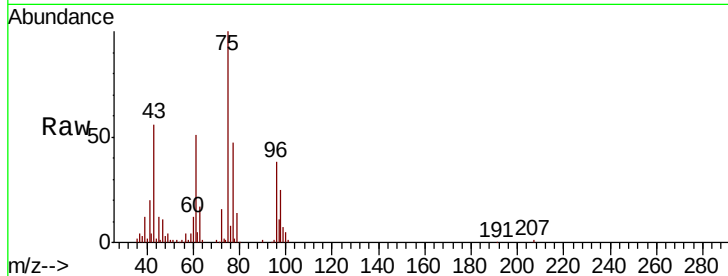


#27

cis-1,2-Dichloroethene
 Concen: 9.489 ug/l
 RT: 7.01 min Scan# 865
 Delta R.T. -0.00 min
 Lab File: VY002511.D
 Acq: 30 Apr 2020 14:40

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

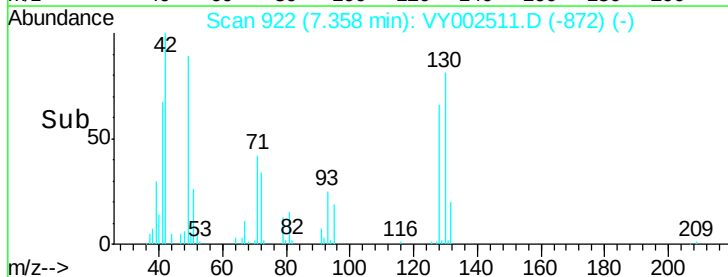
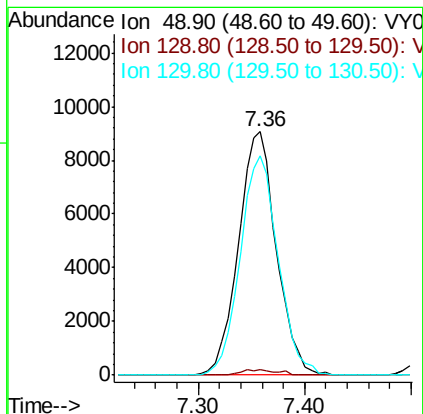
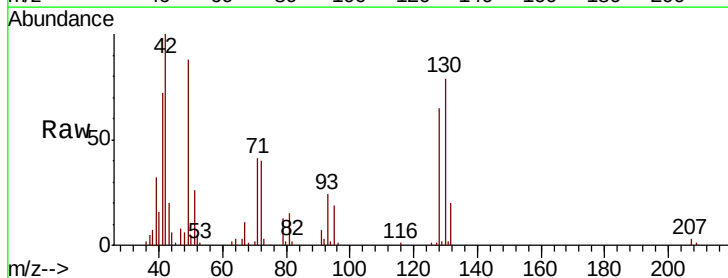
Tot Ion: 96 Resp: 36689
 Ion Ratio Lower Upper
 96 100
 61 137.2 0.0 266.6
 98 64.7 0.0 129.2

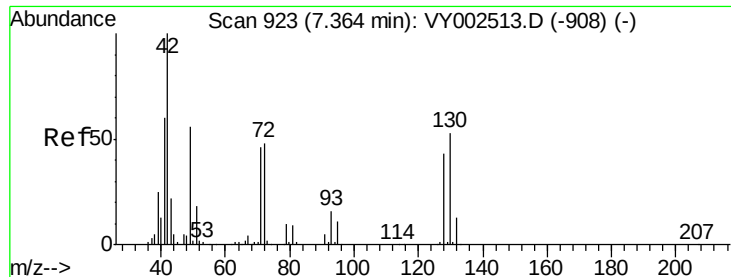


#28

Bromochloromethane
 Concen: 9.893 ug/l
 RT: 7.36 min Scan# 922
 Delta R.T. 0.01 min
 Lab File: VY002511.D
 Acq: 30 Apr 2020 14:40

Tgt Ion: 49 Resp: 22600
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.8
 130 90.4 72.5 108.7





#29

Tetrahydrofuran

Concen: 48.920 ug/l

RT: 7.37 min Scan# 924

Delta R.T. 0.01 min

Lab File: VY002511.D

Acq: 30 Apr 2020 14:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

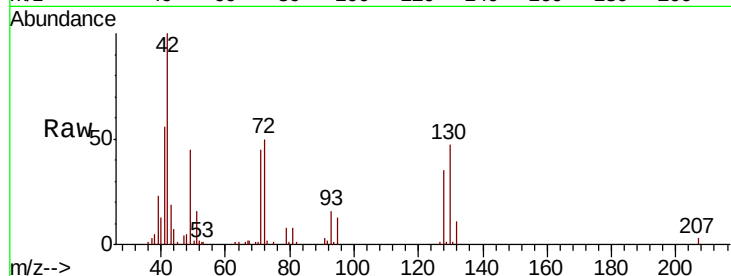
Tot Ion: 42 Resp: 34143

Ion Ratio Lower Upper

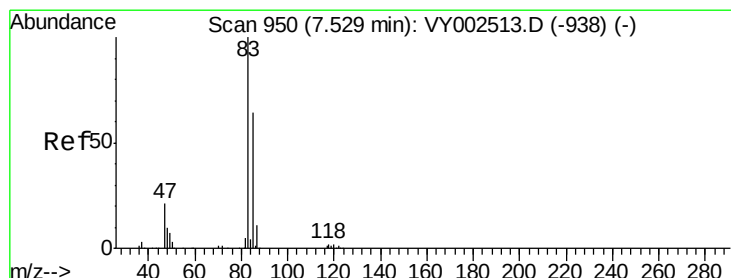
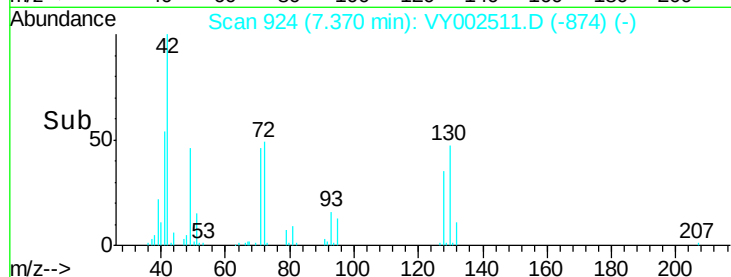
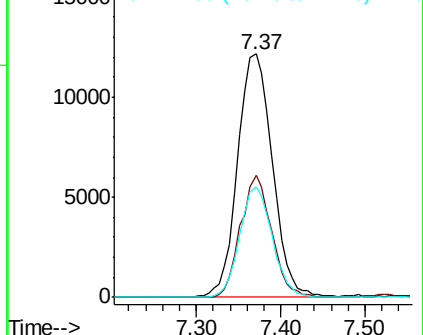
42 100

72 44.5 37.4 56.2

71 42.1 35.0 52.4



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



#30

Chloroform

Concen: 9.745 ug/l

RT: 7.53 min Scan# 950

Delta R.T. -0.00 min

Lab File: VY002511.D

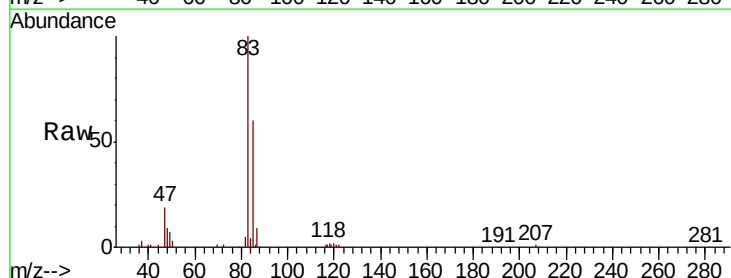
Acq: 30 Apr 2020 14:40

Tgt Ion: 83 Resp: 56498

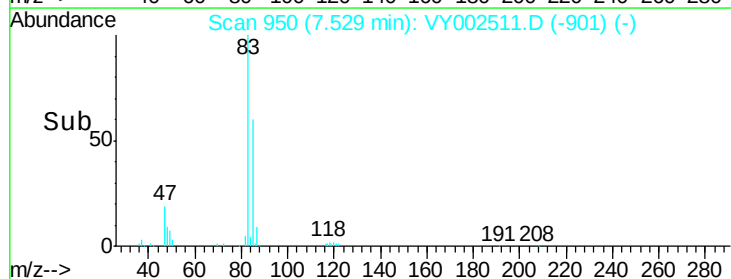
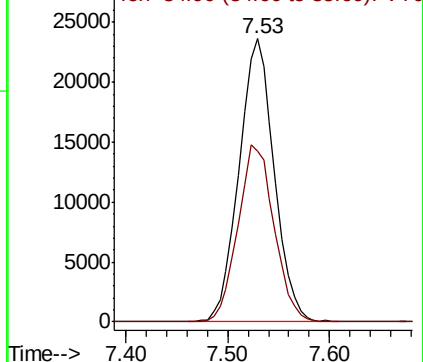
Ion Ratio Lower Upper

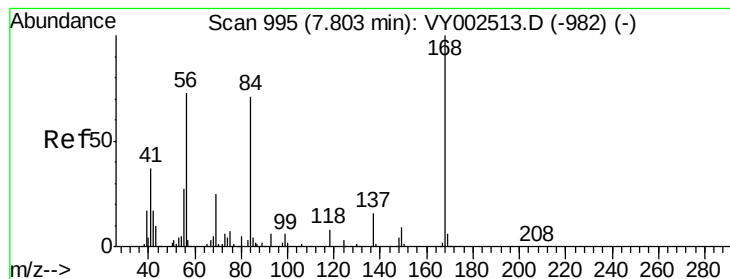
83 100

85 60.3 51.5 77.3



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





#31

Cyclohexane

Concen: 9.705 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.00 min

Lab File: VY002511.D

Acq: 30 Apr 2020 14:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

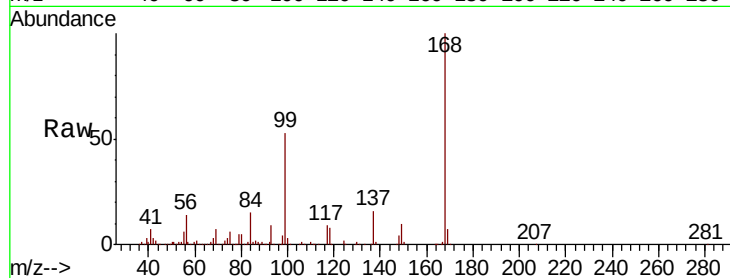
Tot Ion: 56 Resp: 54471

Ion Ratio Lower Upper

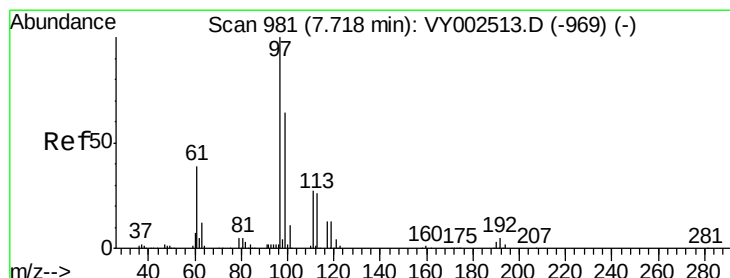
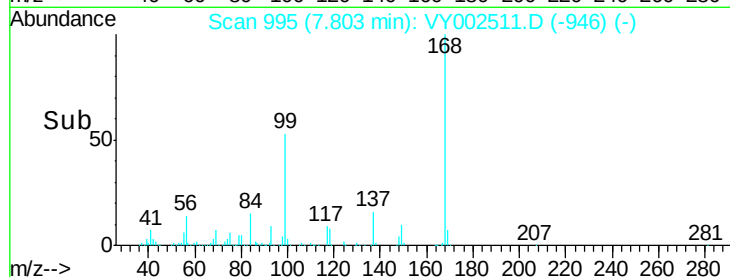
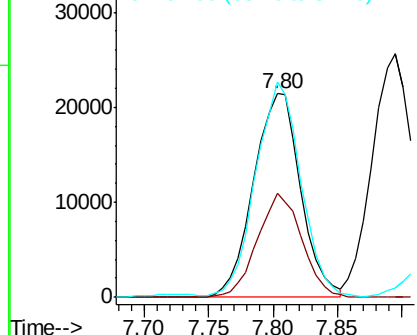
56 100

69 51.0 27.6 41.4#

84 104.3 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: 9.695 ug/l

RT: 7.72 min Scan# 981

Delta R.T. -0.00 min

Lab File: VY002511.D

Acq: 30 Apr 2020 14:40

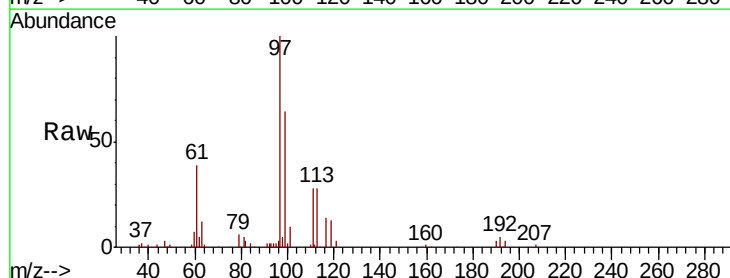
Tgt Ion: 97 Resp: 52245

Ion Ratio Lower Upper

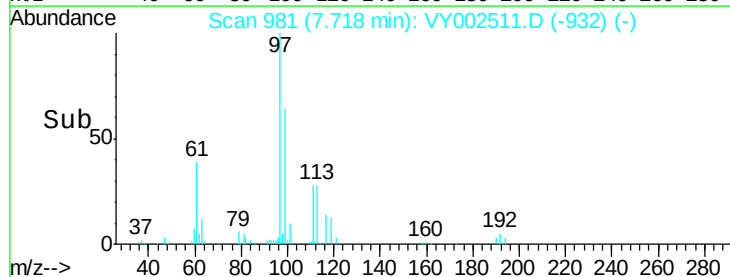
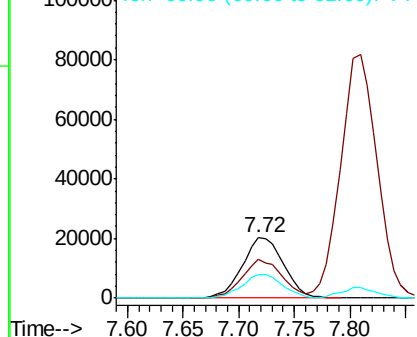
97 100

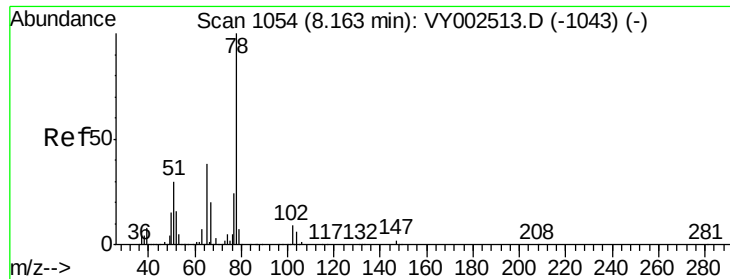
99 61.7 51.9 77.9

61 38.9 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

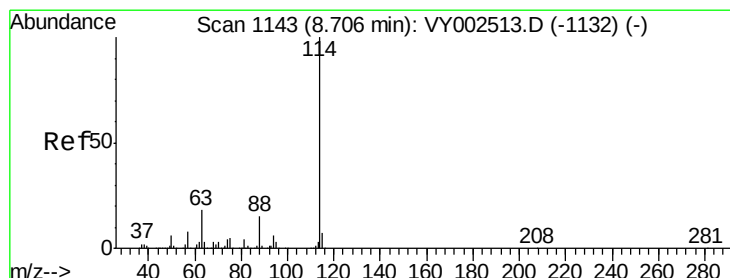
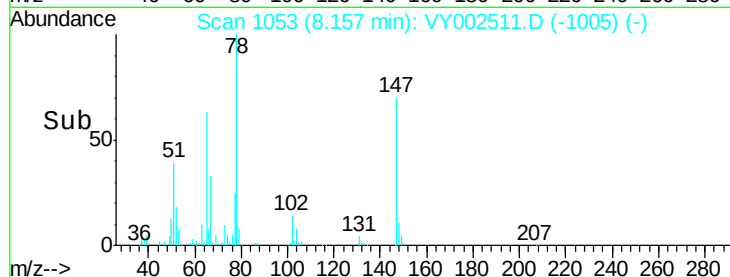
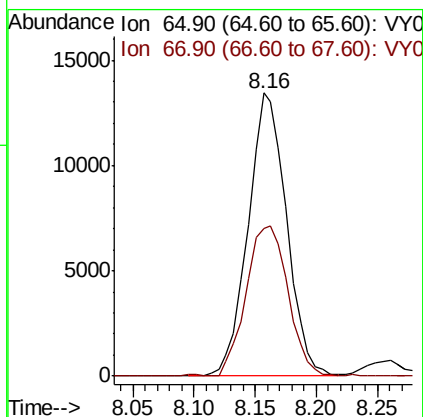
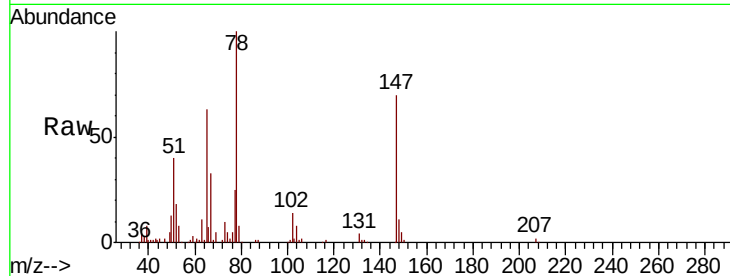




#33
 1,2-Dichloroethane-d4
 Concen: 9.421 ug/l
 RT: 8.16 min Scan# 1053
 Delta R.T. -0.01 min
 Lab File: VY002511.D
 Acq: 30 Apr 2020 14:40

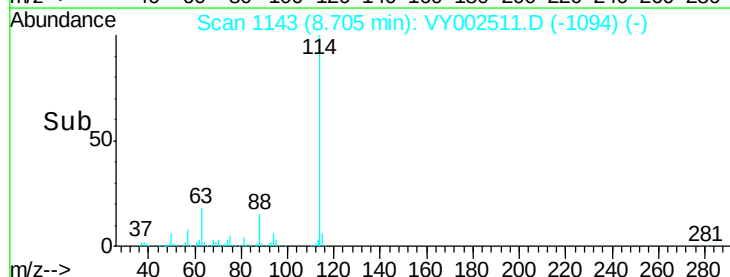
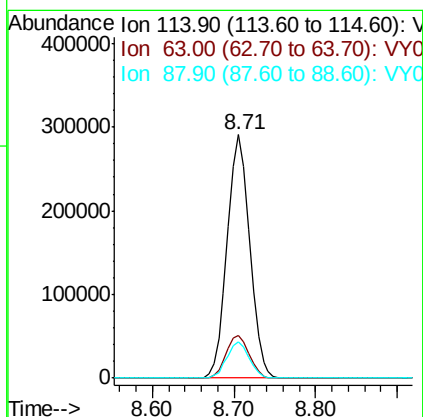
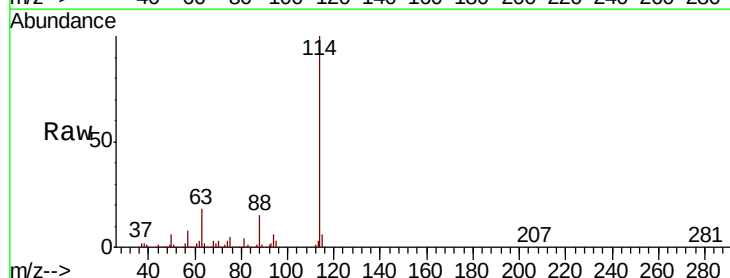
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

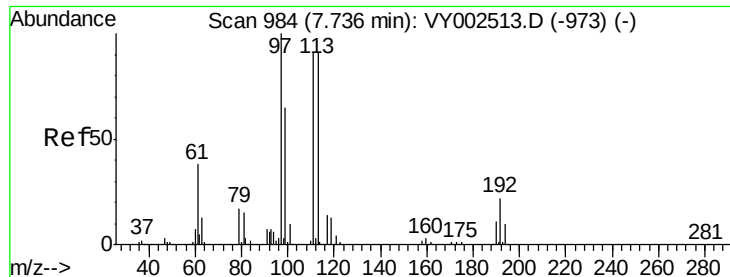
Tot Ion: 65 Resp: 29419
 Ion Ratio Lower Upper
 65 100
 67 57.7 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. -0.00 min
 Lab File: VY002511.D
 Acq: 30 Apr 2020 14:40

Tgt Ion: 114 Resp: 551766
 Ion Ratio Lower Upper
 114 100
 63 17.7 0.0 36.4
 88 14.6 0.0 29.6





#35

Dibromofluoromethane

Concen: 9.513 ug/l

RT: 7.74 min Scan# 984

Delta R.T. -0.00 min

Lab File: VY002511.D

Acq: 30 Apr 2020 14:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

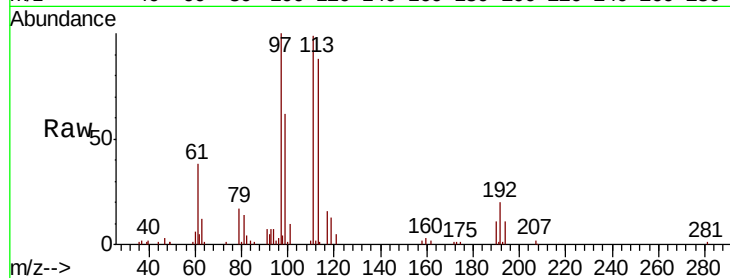
Tot Ion:113 Resp: 30019

Ion Ratio Lower Upper

113 100

111 105.1 81.8 122.6

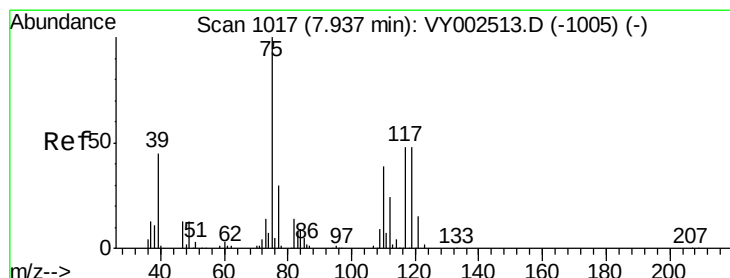
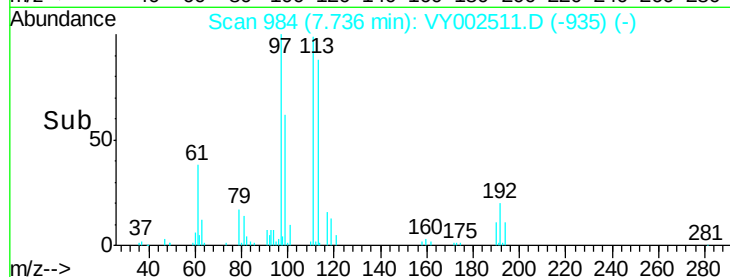
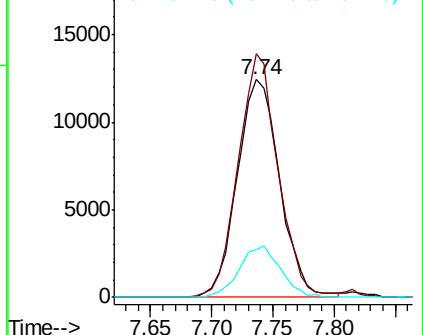
192 23.1 18.2 27.4



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: 9.429 ug/l

RT: 7.93 min Scan# 1016

Delta R.T. -0.01 min

Lab File: VY002511.D

Acq: 30 Apr 2020 14:40

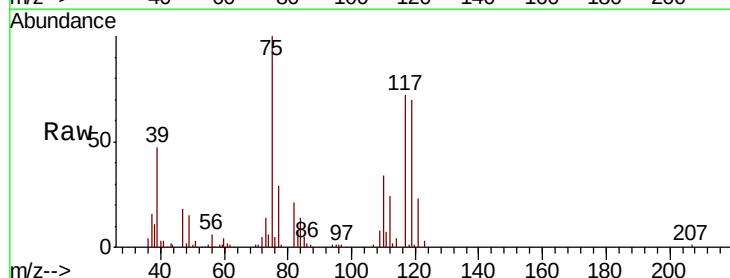
Tgt Ion: 75 Resp: 43616

Ion Ratio Lower Upper

75 100

110 37.5 19.1 57.3

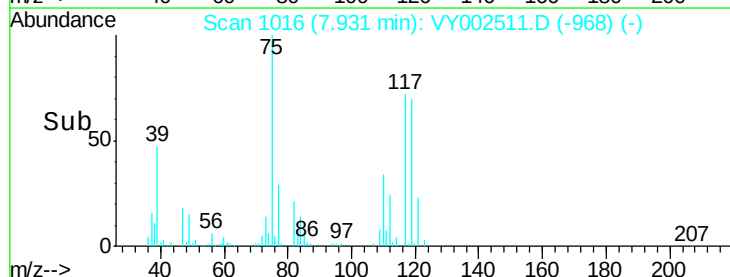
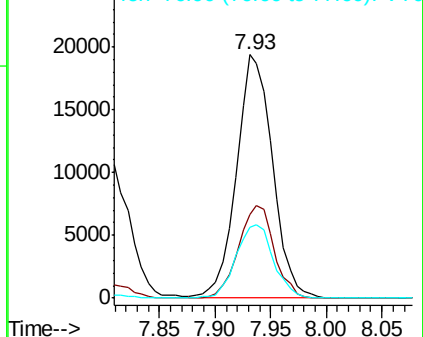
77 31.2 24.6 37.0

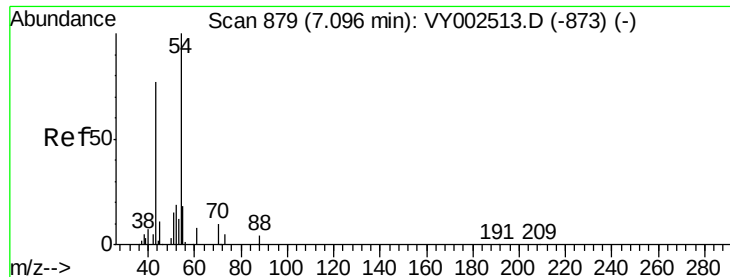


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

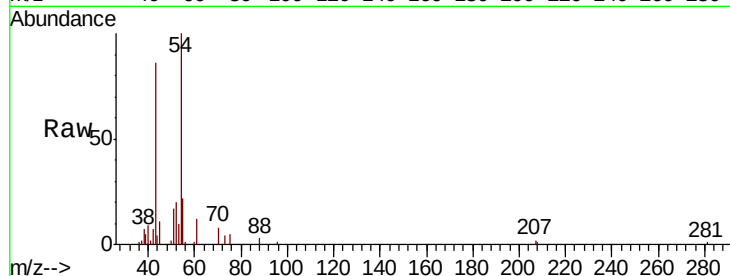




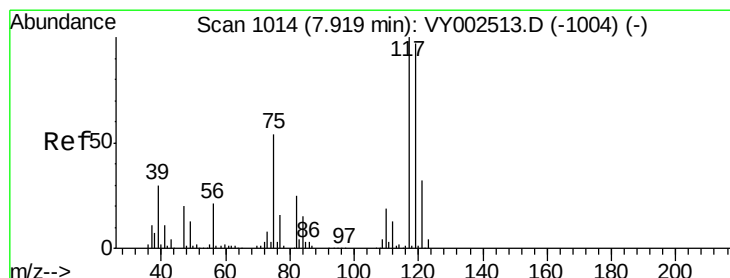
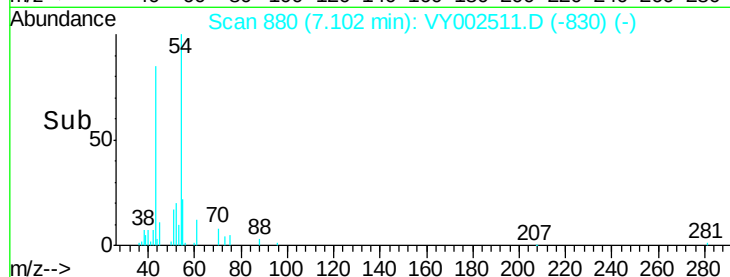
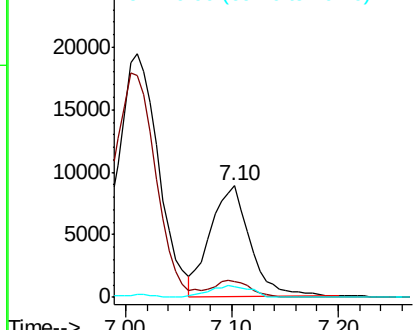
#37
Ethyl Acetate
Concen: 9.718 ug/l
RT: 7.10 min Scan# 880
Delta R.T. 0.01 min
Lab File: VY002511.D
Acq: 30 Apr 2020 14:40

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion: 43 Resp: 23100
Ion Ratio Lower Upper
43 100
61 14.2 11.6 17.4
70 10.9 9.0 13.6

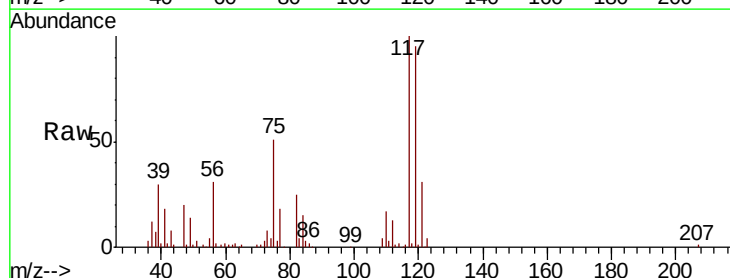


Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 70.00 (69.70 to 70.70): VY0

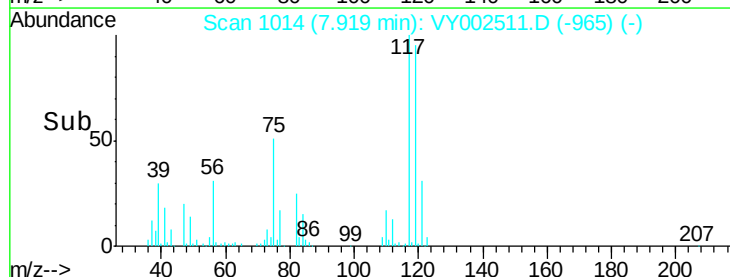
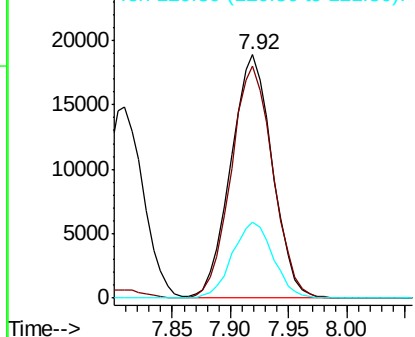


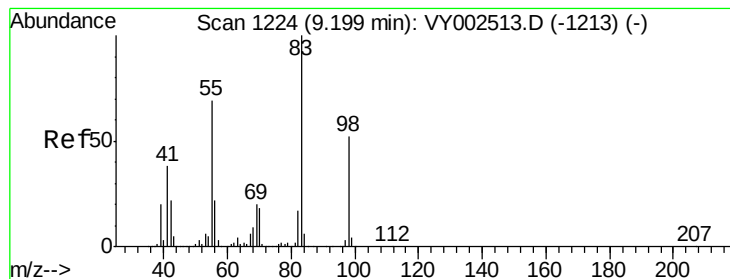
#38
Carbon Tetrachloride
Concen: 9.289 ug/l
RT: 7.92 min Scan# 1014
Delta R.T. -0.00 min
Lab File: VY002511.D
Acq: 30 Apr 2020 14:40

Tgt Ion: 117 Resp: 46911
Ion Ratio Lower Upper
117 100
119 95.2 77.1 115.7
121 31.3 25.2 37.8



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V





#39

Methylvlcyclohexane

Concen: 9.206 ug/l

RT: 9.19 min Scan# 1223

Delta R.T. -0.01 min

Lab File: VY002511.D

Acq: 30 Apr 2020 14:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

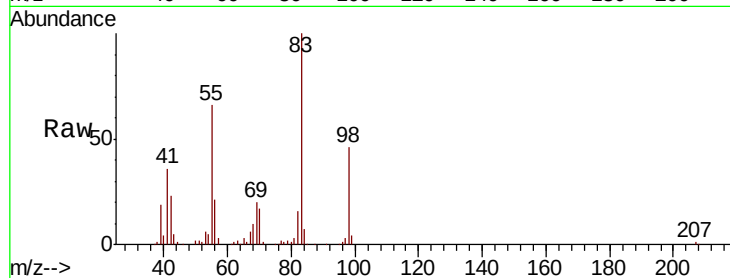
Tot Ion: 83 Resp: 56242

Ion Ratio Lower Upper

83 100

55 65.9 55.4 83.0

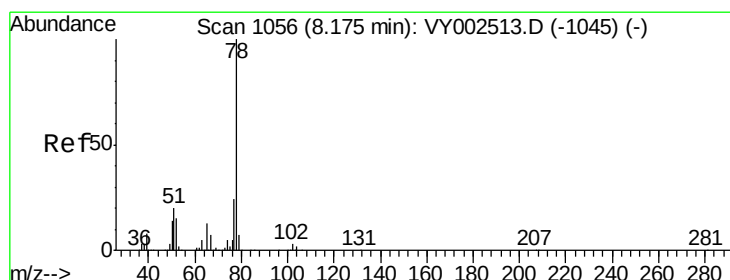
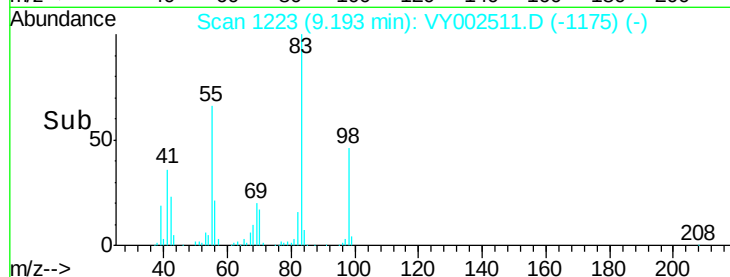
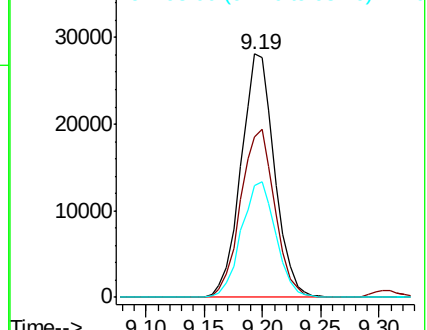
98 46.2 41.3 61.9



Abundance Ion 83.00 (82.70 to 83.70): VY002511.D (-1175) (-)

Ion 55.00 (54.70 to 55.70): VY002511.D (-1175) (-)

Ion 98.00 (97.70 to 98.70): VY002511.D (-1175) (-)



#40

Benzene

Concen: 9.528 ug/l

RT: 8.18 min Scan# 1056

Delta R.T. -0.00 min

Lab File: VY002511.D

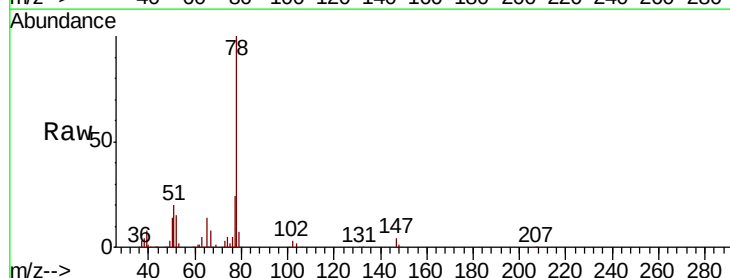
Acq: 30 Apr 2020 14:40

Tgt Ion: 78 Resp: 127292

Ion Ratio Lower Upper

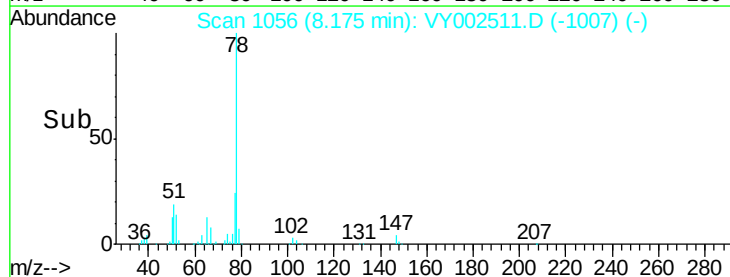
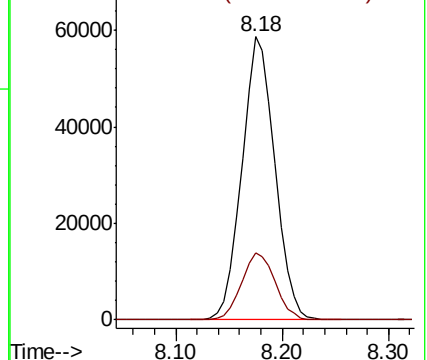
78 100

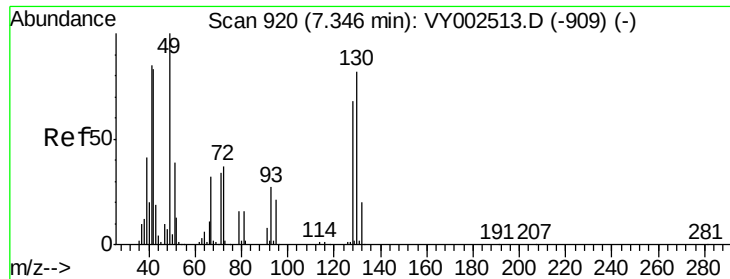
77 23.6 19.2 28.8



Abundance Ion 78.00 (77.70 to 78.70): VY002511.D (-1007) (-)

Ion 77.00 (76.70 to 77.70): VY002511.D (-1007) (-)

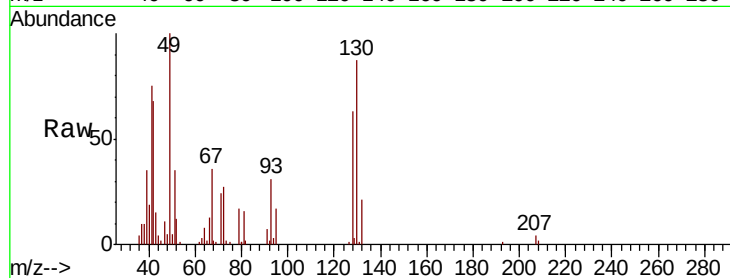




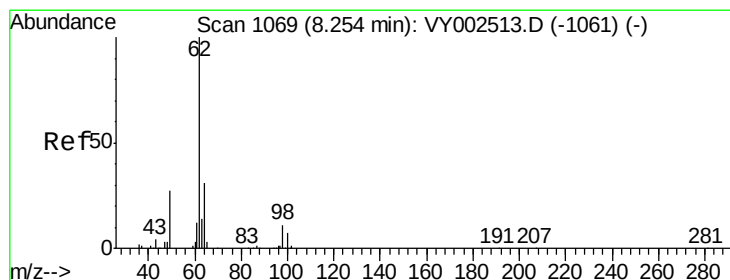
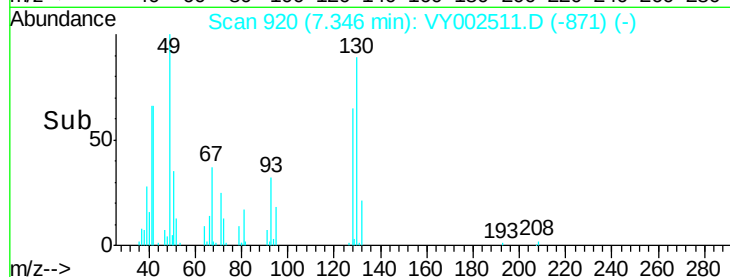
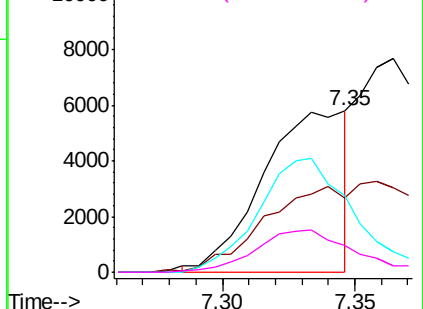
#41
Methacrylonitrile
Concen: 10.346 ug/l m
RT: 7.35 min Scan# 920
Delta R.T. -0.00 min
Lab File: VY002511.D
Acq: 30 Apr 2020 14:40

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion:	41	Resp:	12855
Ion	Ratio	Lower	Upper
41	100		
39	114.9	83.1	124.7
67	0.0	0.0	0.0
52	0.0	0.0	0.0

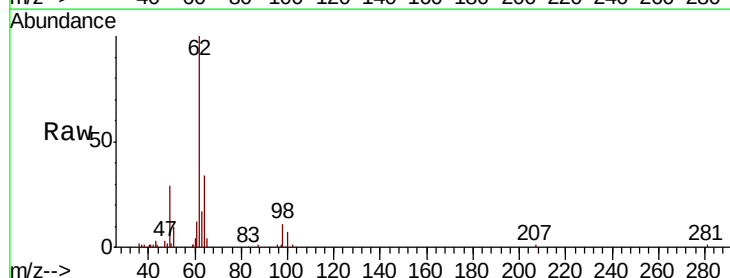


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

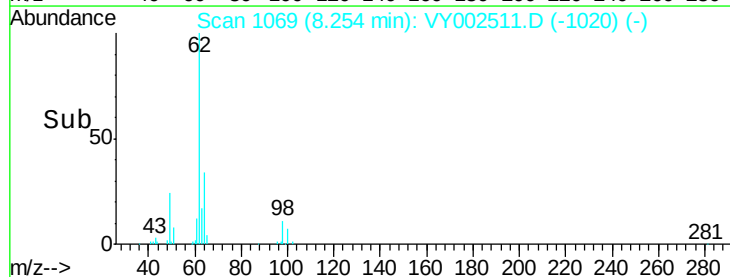
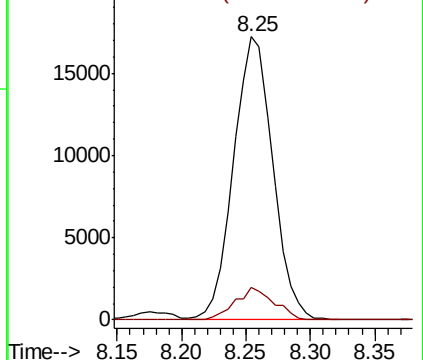


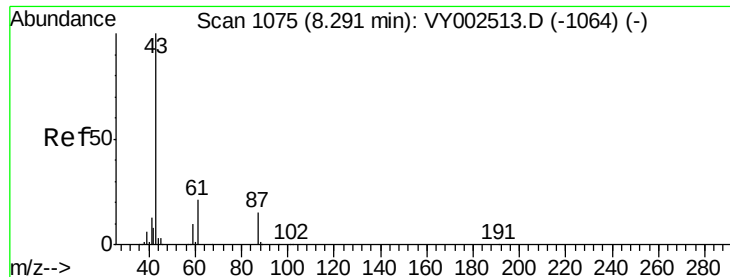
#42
1,2-Dichloroethane
Concen: 9.722 ug/l
RT: 8.25 min Scan# 1069
Delta R.T. -0.00 min
Lab File: VY002511.D
Acq: 30 Apr 2020 14:40

Tgt Ion:	62	Resp:	36433
Ion	Ratio	Lower	Upper
62	100		
98	11.2	0.0	21.0



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





#43

Isopropyl Acetate

Concen: 9.572 ug/l

RT: 8.29 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VY002511.D

Acq: 30 Apr 2020 14:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

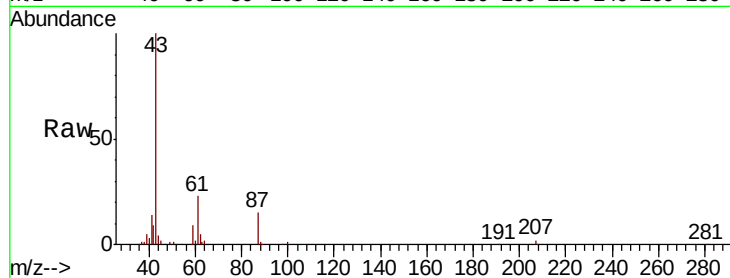
Tot Ion: 43 Resp: 42654

Ion Ratio Lower Upper

43 100

61 31.5 24.8 37.2

87 15.3 12.2 18.2

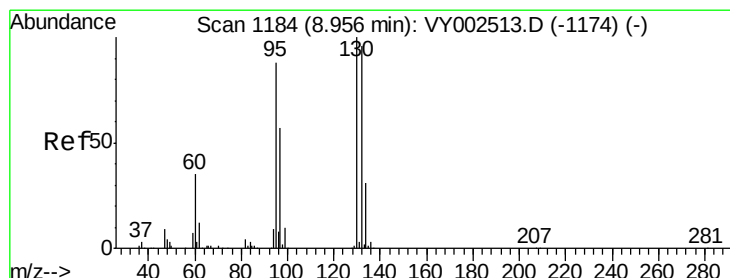
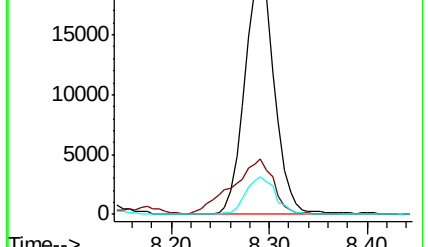
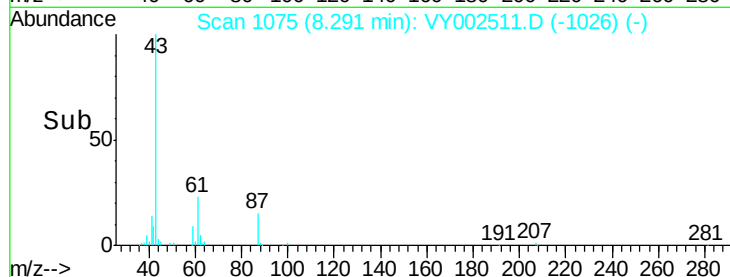


Abundance Ion 43.00 (42.70 to 43.70): VY002511.D (-1026) (-)

Ion 61.00 (60.70 to 61.70): VY002511.D (-1026) (-)

Ion 87.00 (86.70 to 87.70): VY002511.D (-1026) (-)

Time-->



#44

Trichloroethene

Concen: 9.560 ug/l

RT: 8.96 min Scan# 1184

Delta R.T. -0.00 min

Lab File: VY002511.D

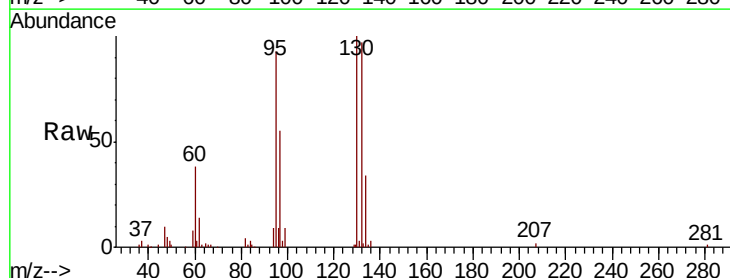
Acq: 30 Apr 2020 14:40

Tgt Ion: 130 Resp: 39914

Ion Ratio Lower Upper

130 100

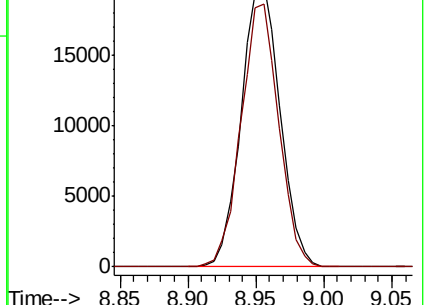
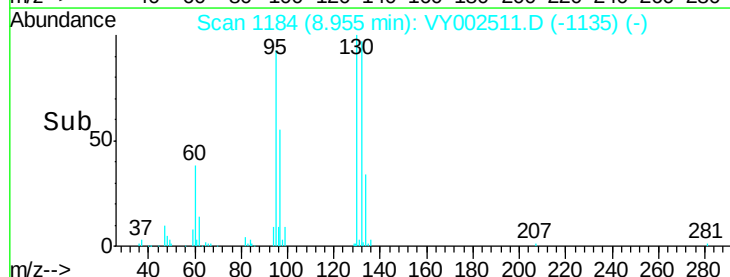
95 93.1 0.0 175.8

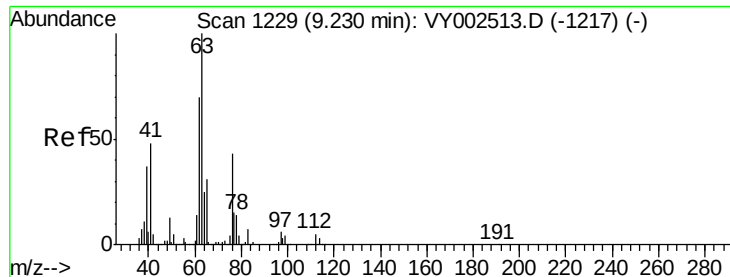


Abundance Ion 129.80 (129.50 to 130.50): VY002511.D (-1135) (-)

Ion 94.90 (94.60 to 95.60): VY002511.D (-1135) (-)

Time-->

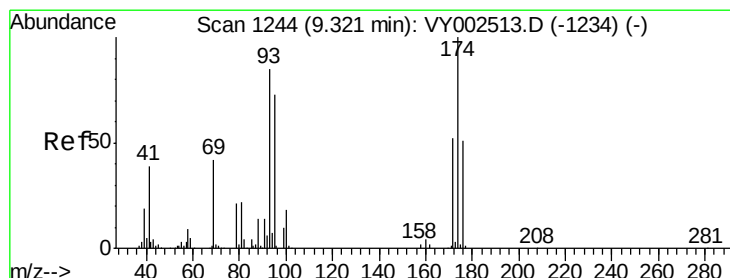
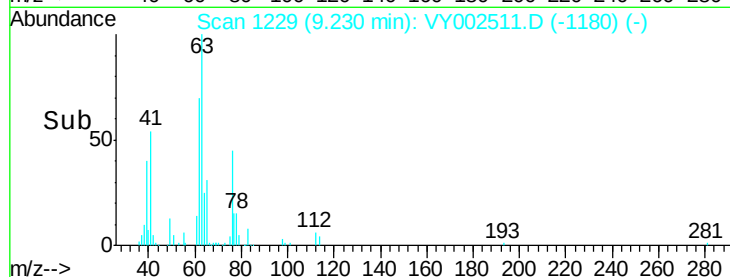
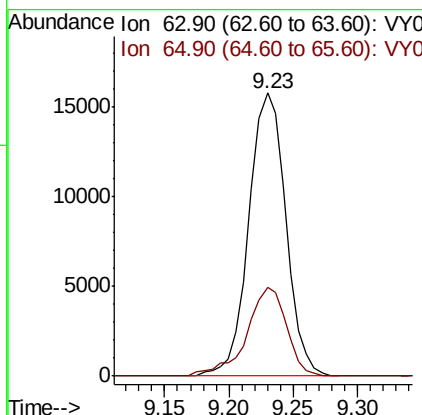
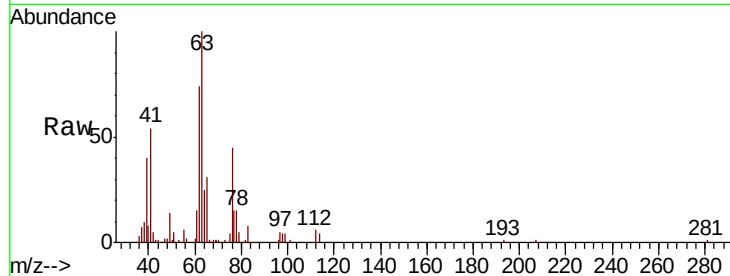




#45
 1,2-Dichloropropane
 Concen: 9.722 ug/l
 RT: 9.23 min Scan# 1229
 Delta R.T. -0.00 min
 Lab File: VY002511.D
 Acq: 30 Apr 2020 14:40

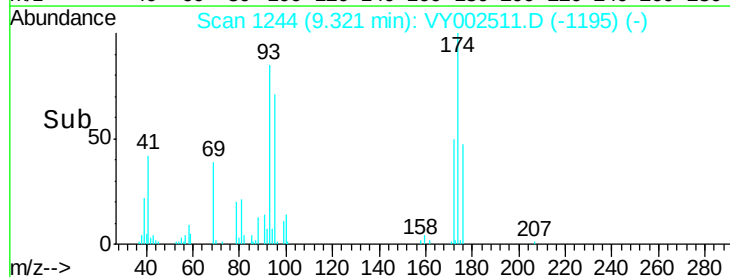
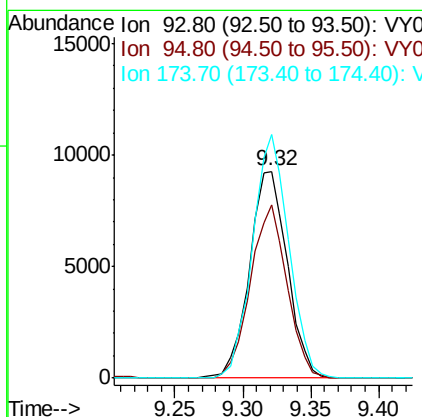
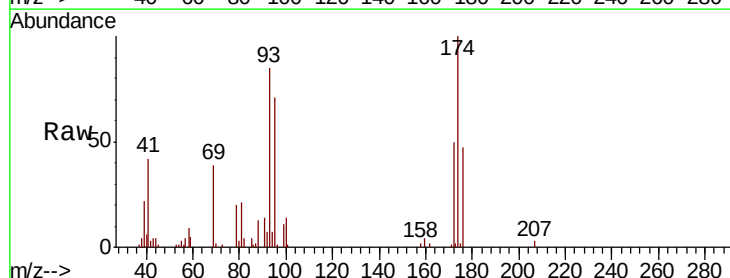
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

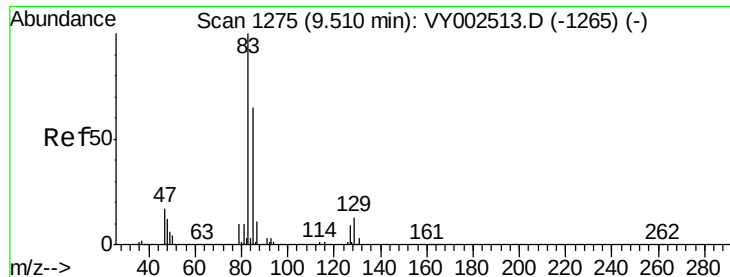
Tot Ion: 63 Resp: 31347
 Ion Ratio Lower Upper
 63 100
 65 31.3 24.5 36.7



#46
 Dibromomethane
 Concen: 9.727 ug/l
 RT: 9.32 min Scan# 1244
 Delta R.T. -0.00 min
 Lab File: VY002511.D
 Acq: 30 Apr 2020 14:40

Tgt Ion: 93 Resp: 18044
 Ion Ratio Lower Upper
 93 100
 95 80.7 67.0 100.4
 174 113.4 92.7 139.1





#47

Bromodichloromethane

Concen: 9.510 ug/l

RT: 9.51 min Scan# 1275

Delta R.T. -0.00 min

Lab File: VY002511.D

Acq: 30 Apr 2020 14:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

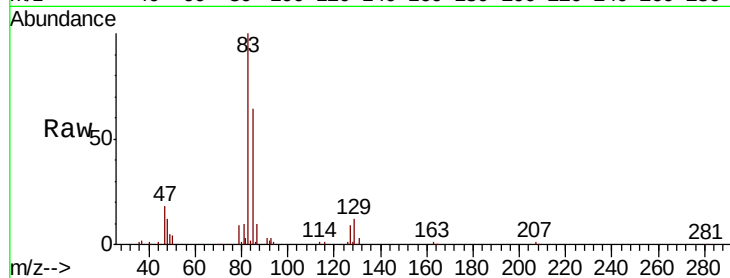
Tot Ion: 83 Resp: 42898

Ion Ratio Lower Upper

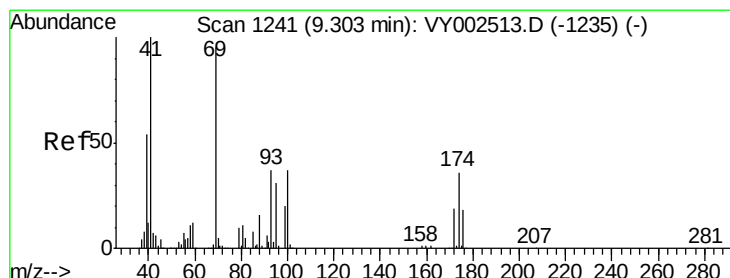
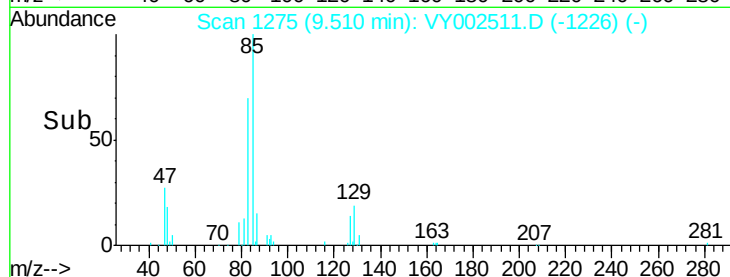
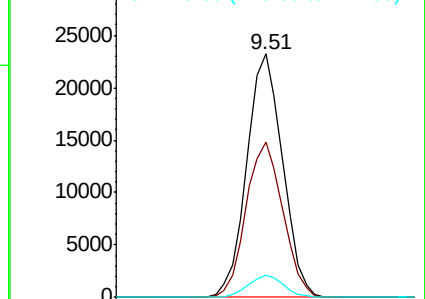
83 100

85 63.5 51.8 77.8

127 9.1 7.4 11.0



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



#48

Methyl methacrylate

Concen: 9.627 ug/l

RT: 9.30 min Scan# 1241

Delta R.T. -0.00 min

Lab File: VY002511.D

Acq: 30 Apr 2020 14:40

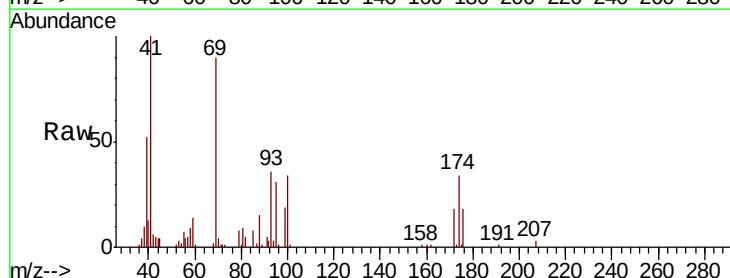
Tgt Ion: 41 Resp: 19415

Ion Ratio Lower Upper

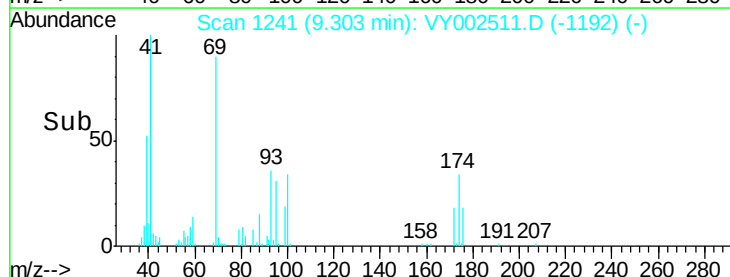
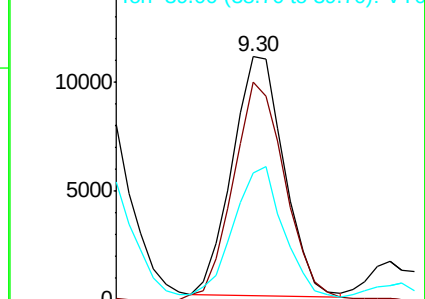
41 100

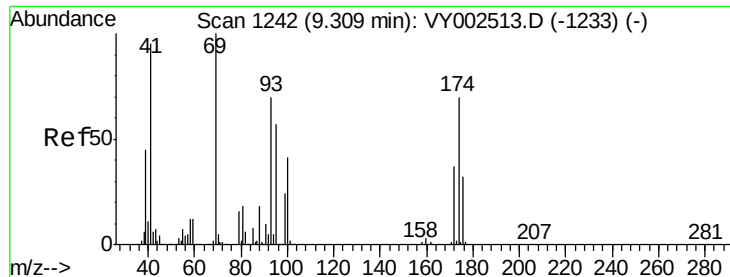
69 91.6 76.2 114.4

39 52.8 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: 198.802 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. -0.00 min

Lab File: VY002511.D

Acq: 30 Apr 2020 14:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

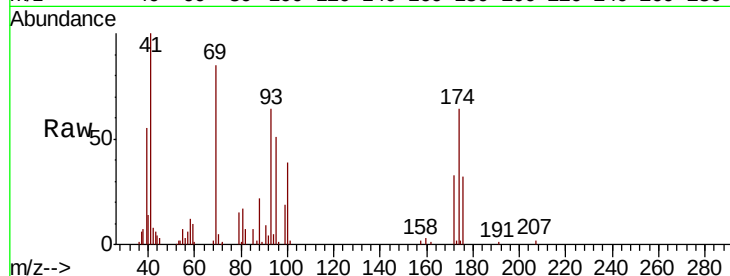
Tot Ion: 88 Resp: 4883

Ion Ratio Lower Upper

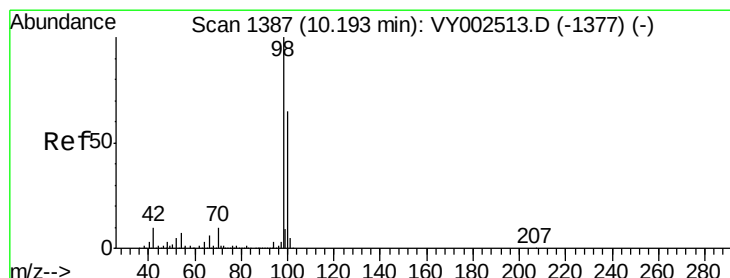
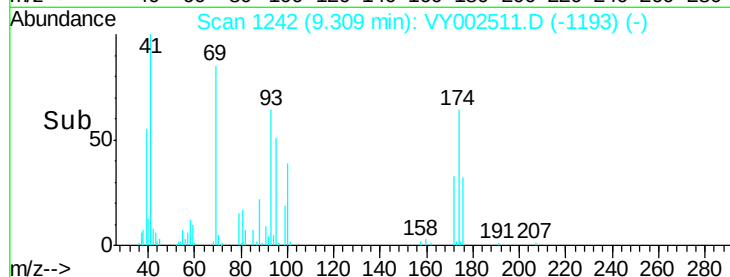
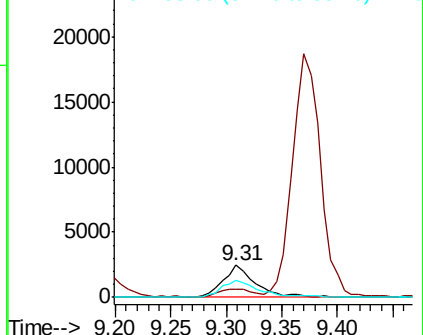
88 100

43 29.8 22.8 34.2

58 57.1 51.4 77.2



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



#50

Toluene-d8

Concen: 9.620 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. -0.01 min

Lab File: VY002511.D

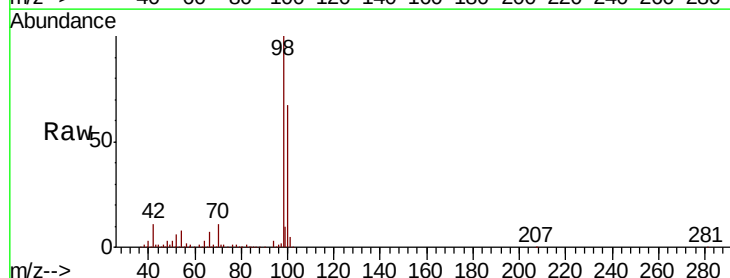
Acq: 30 Apr 2020 14:40

Tgt Ion: 98 Resp: 118546

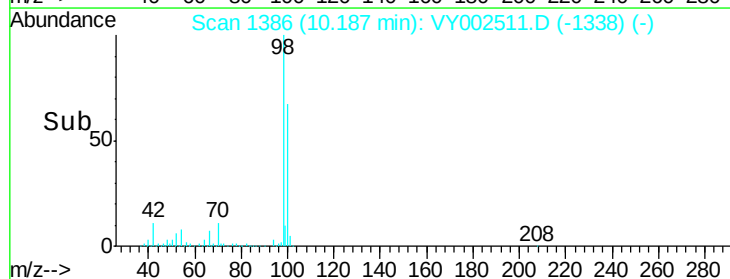
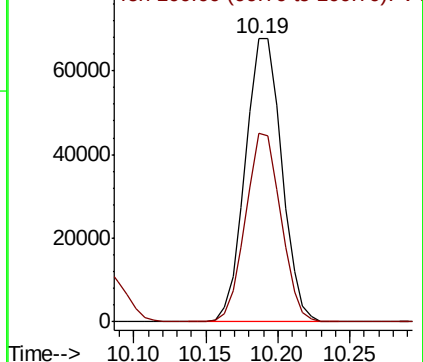
Ion Ratio Lower Upper

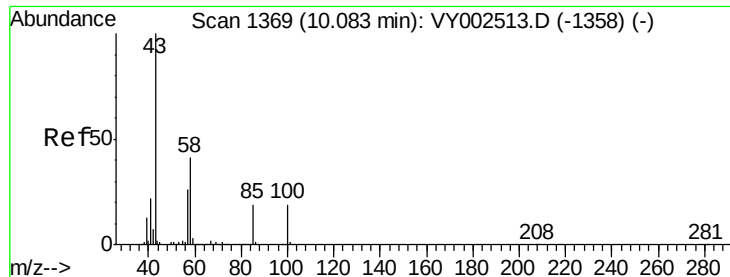
98 100

100 64.7 52.2 78.2



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

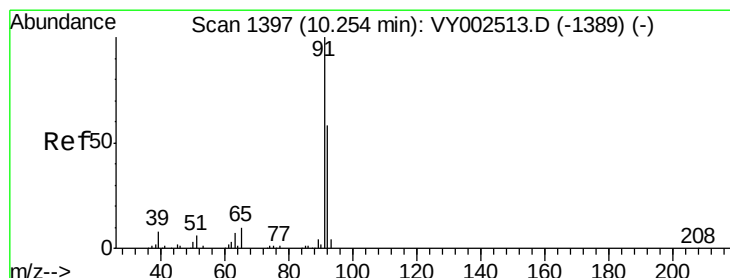
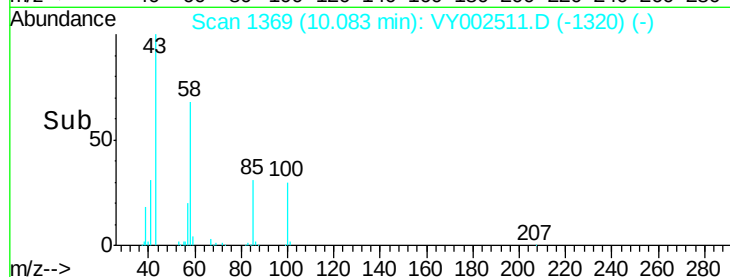
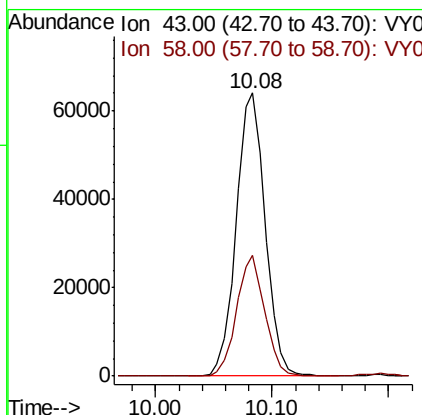
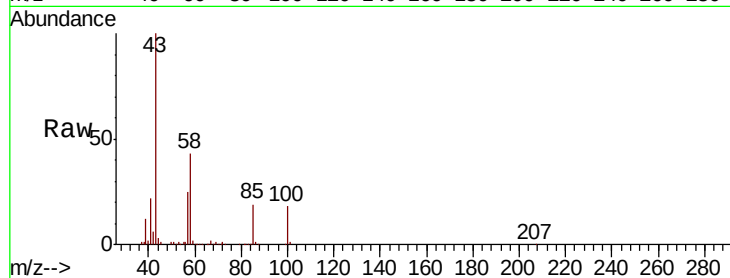




#51
 4-Methyl-2-Pentanone
 Concen: 48.364 ug/l
 RT: 10.08 min Scan# 1369
 Delta R.T. -0.00 min
 Lab File: VY002511.D
 Acq: 30 Apr 2020 14:40

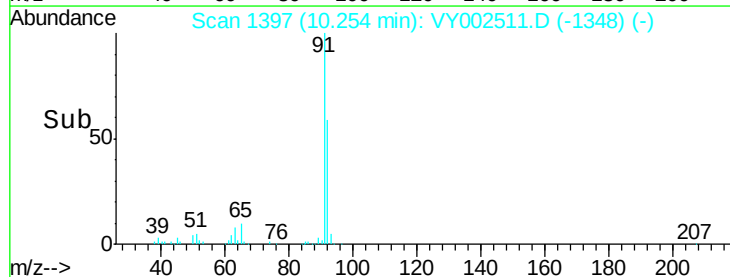
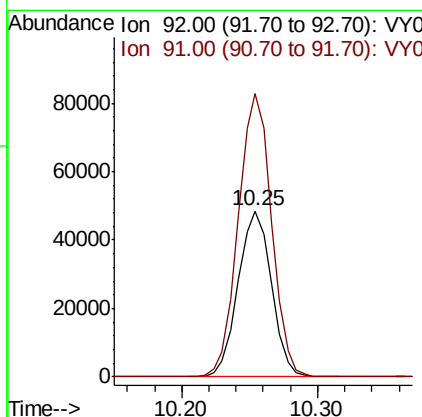
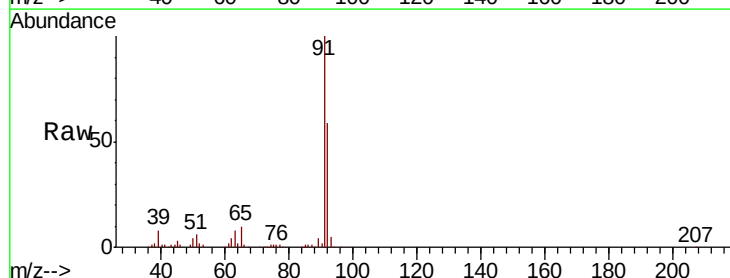
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

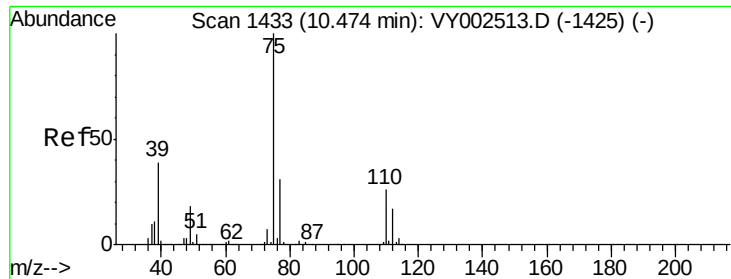
Tot Ion: 43 Resp: 111083
 Ion Ratio Lower Upper
 43 100
 58 41.4 33.2 49.8



#52
 Toluene
 Concen: 9.649 ug/l
 RT: 10.25 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: VY002511.D
 Acq: 30 Apr 2020 14:40

Tgt Ion: 92 Resp: 82844
 Ion Ratio Lower Upper
 92 100
 91 170.5 139.3 208.9





#53

t-1,3-Dichloropropene

Concen: 9.459 ug/l

RT: 10.47 min Scan# 1433

Delta R.T. -0.00 min

Lab File: VY002511.D

Acq: 30 Apr 2020 14:40

Instrument :

MSVOA_Y

ClientSampled :

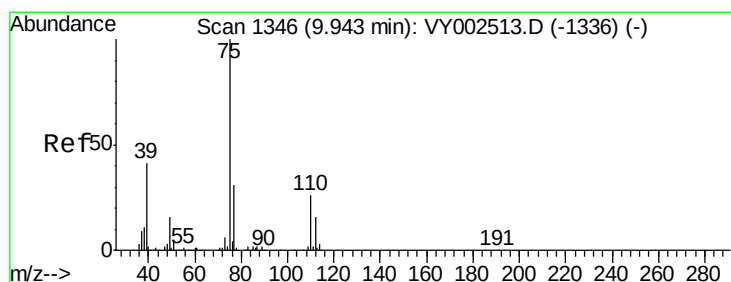
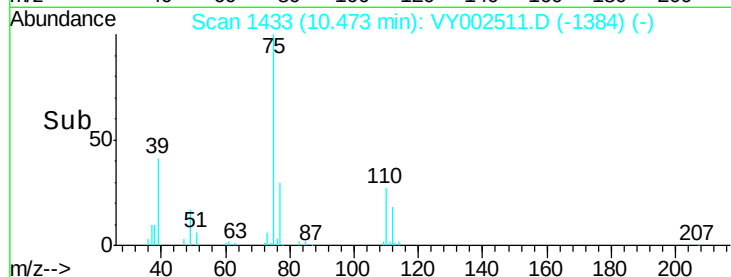
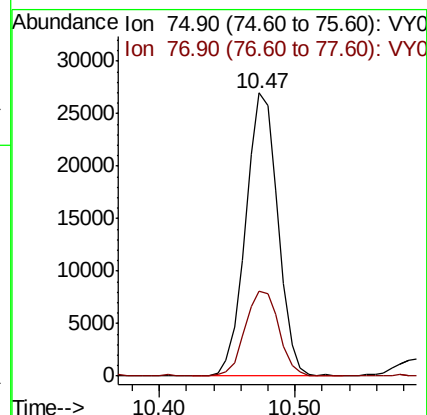
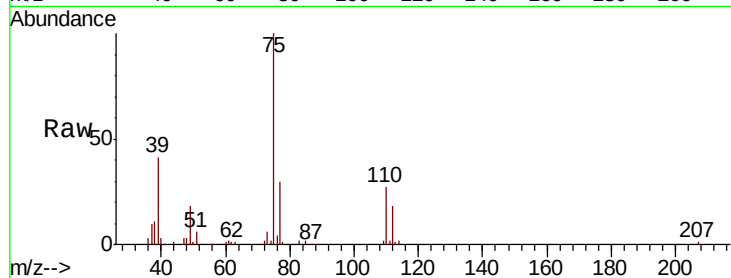
VSTDIC010

Tot Ion: 75 Resp: 44704

Ion Ratio Lower Upper

75 100

77 30.2 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 9.596 ug/l

RT: 9.94 min Scan# 1345

Delta R.T. -0.01 min

Lab File: VY002511.D

Acq: 30 Apr 2020 14:40

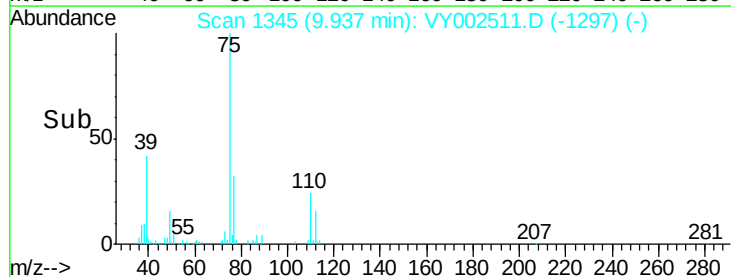
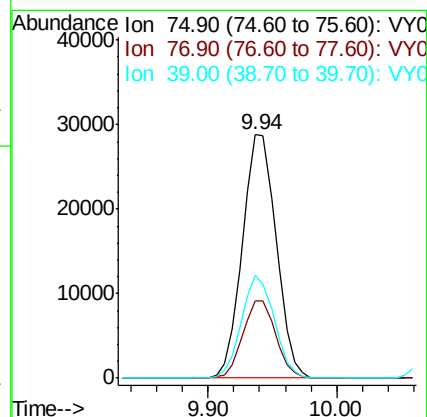
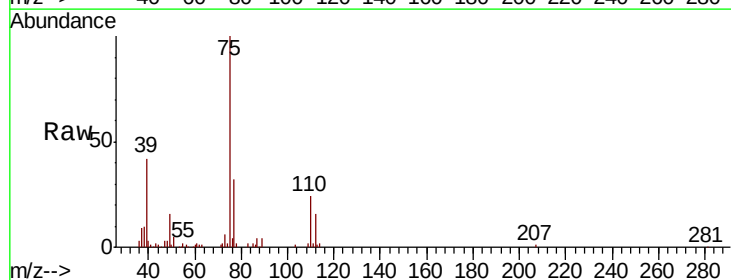
Tgt Ion: 75 Resp: 52427

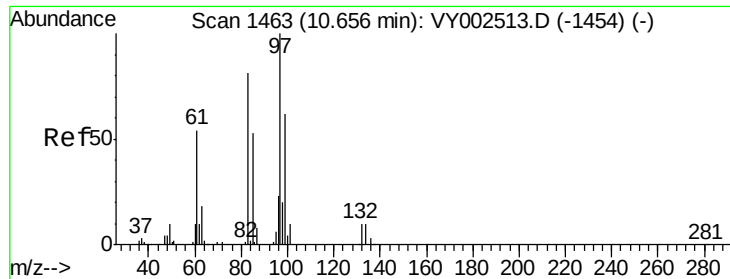
Ion Ratio Lower Upper

75 100

77 31.6 25.1 37.7

39 42.1 32.7 49.1





#55

1,1,2-Trichloroethane

Concen: 9.728 ug/l

RT: 10.66 min Scan# 1463

Delta R.T. -0.00 min

Lab File: VY002511.D

Acq: 30 Apr 2020 14:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tot Ion: 97 Resp: 26317

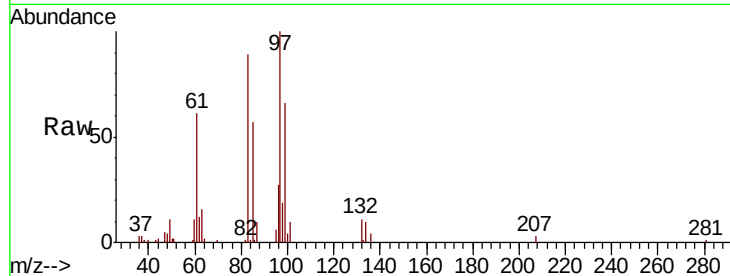
Ion	Ratio	Lower	Upper
97	100		
83	89.1	65.1	97.7
85	57.3	42.7	64.1
99	65.6	50.0	75.0

97 100

83 89.1 65.1 97.7

85 57.3 42.7 64.1

99 65.6 50.0 75.0

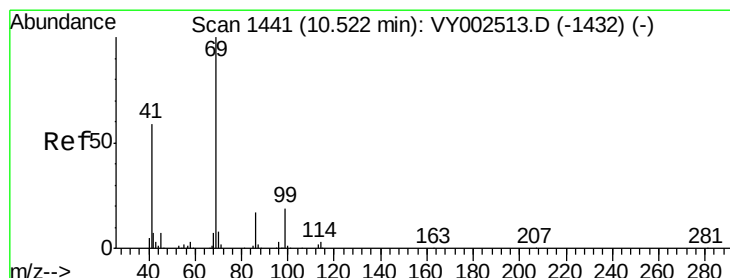
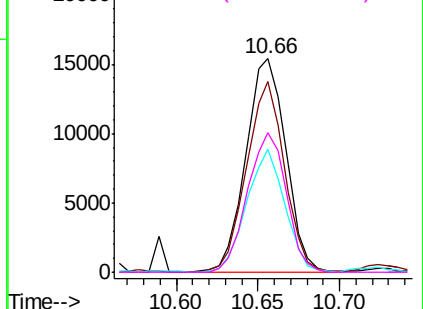
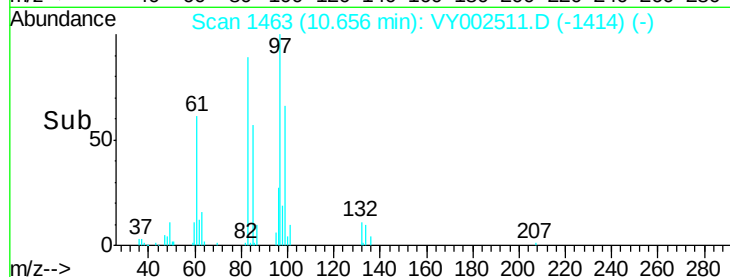


Abundance Ion 96.90 (96.60 to 97.60): VY0

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: 9.225 ug/l

RT: 10.52 min Scan# 1441

Delta R.T. -0.00 min

Lab File: VY002511.D

Acq: 30 Apr 2020 14:40

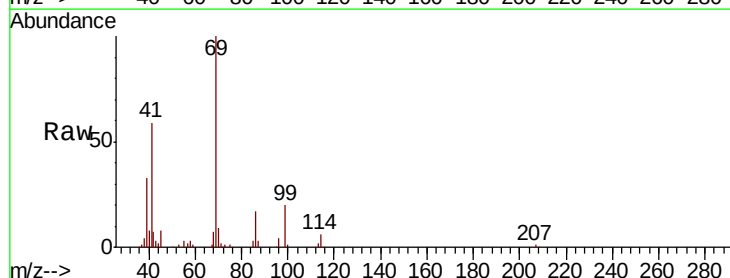
Tgt Ion: 69 Resp: 33200

Ion	Ratio	Lower	Upper
69	100		
41	60.6	48.6	73.0
39	31.6	25.0	37.4

69 100

41 60.6 48.6 73.0

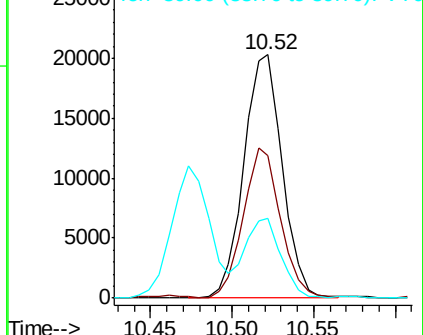
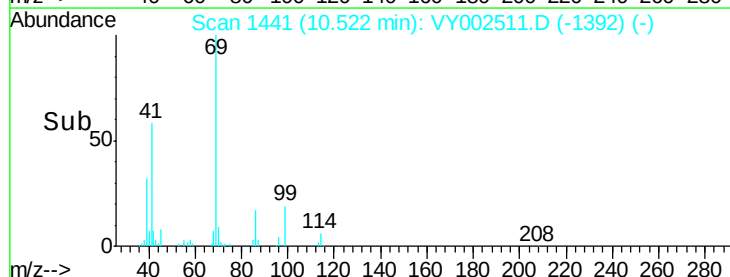
39 31.6 25.0 37.4

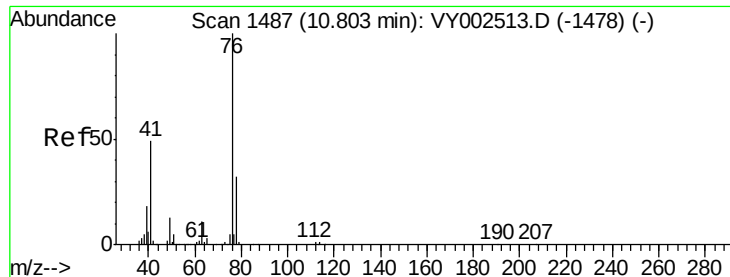


Abundance Ion 69.00 (68.70 to 69.70): VY0

Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0





#57

1,3-Dichloropropane

Concen: 9.831 ug/l

RT: 10.80 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VY002511.D

Acq: 30 Apr 2020 14:40

Instrument :

MSVOA_Y

ClientSampleId :

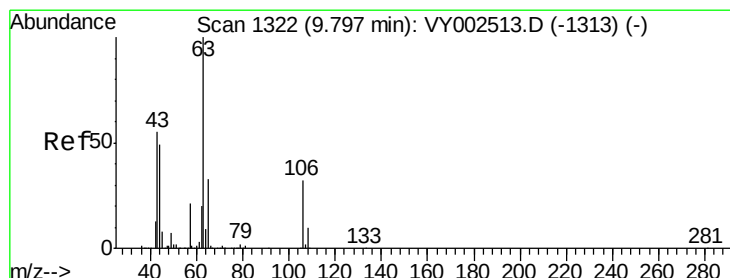
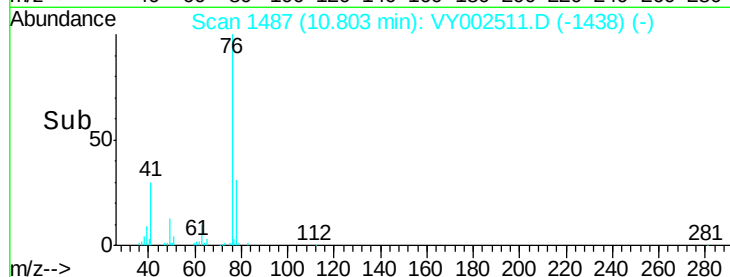
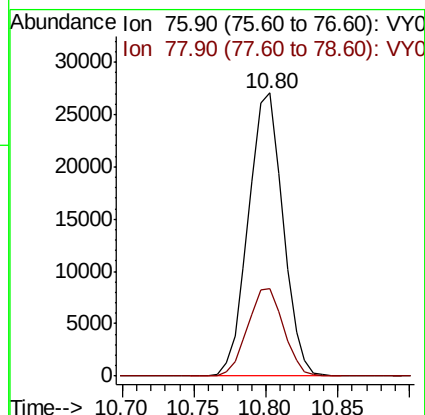
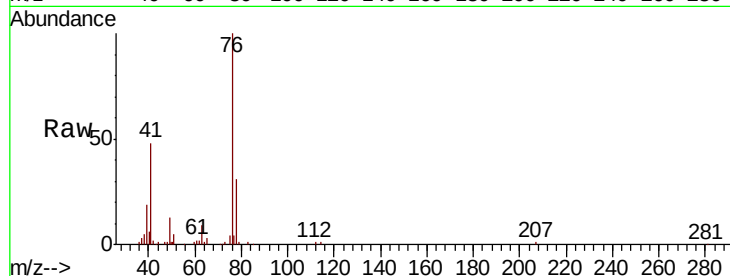
VSTDIC010

Tot Ion: 76 Resp: 45101

Ion Ratio Lower Upper

76 100

78 31.8 25.4 38.2



#58

2-Chloroethyl Vinyl ether

Concen: 51.134 ug/l

RT: 9.80 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VY002511.D

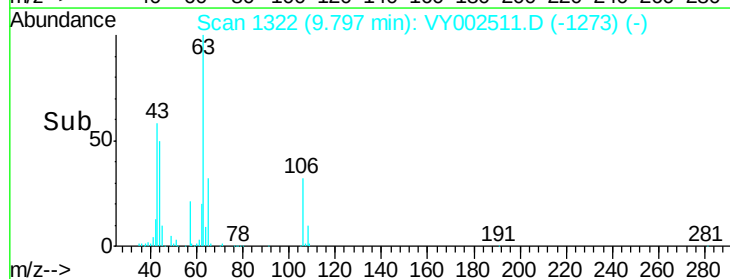
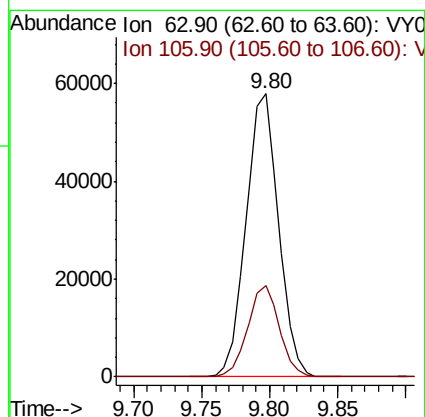
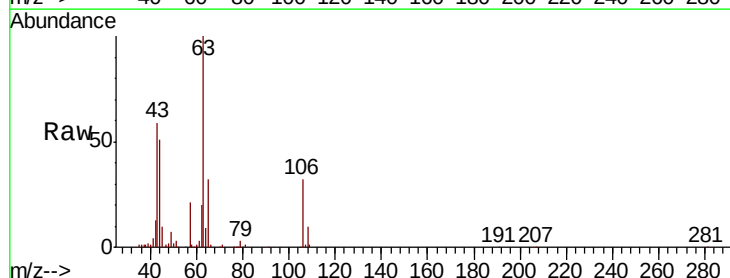
Acq: 30 Apr 2020 14:40

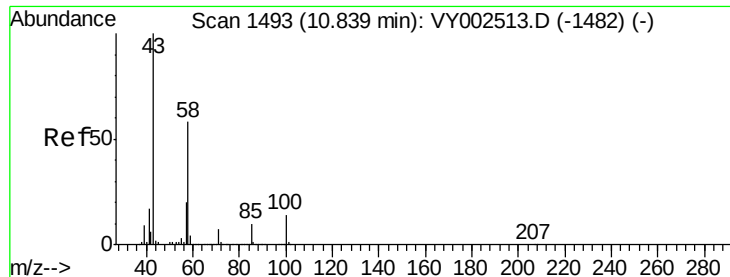
Tgt Ion: 63 Resp: 97044

Ion Ratio Lower Upper

63 100

106 31.4 25.2 37.8

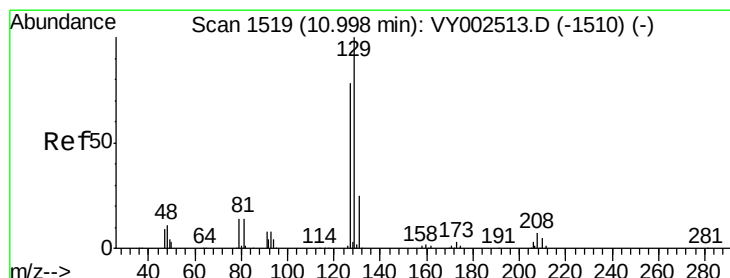
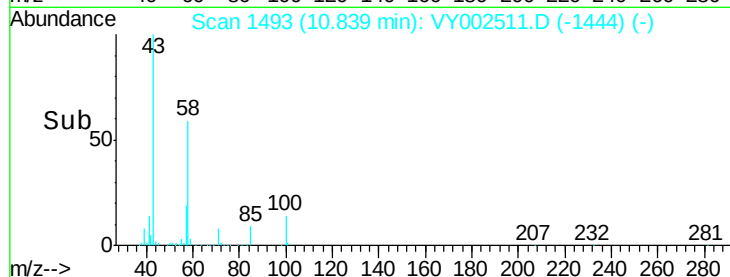
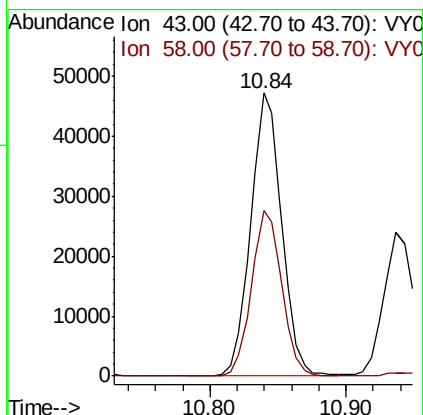
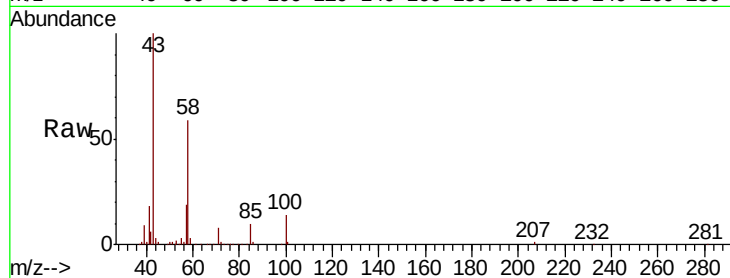




#59
2-Hexanone
Concen: 47.680 ug/l
RT: 10.84 min Scan# 1493
Delta R.T. -0.00 min
Lab File: VY002511.D
Acq: 30 Apr 2020 14:40

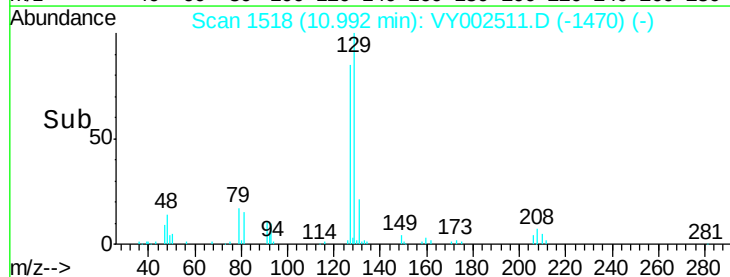
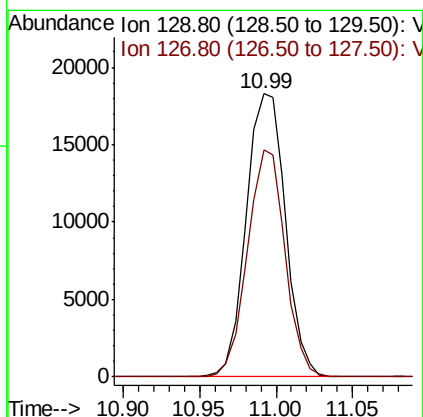
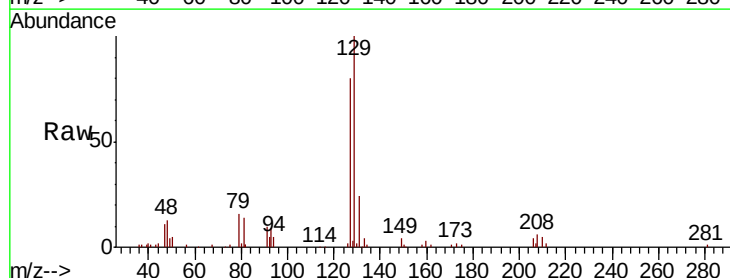
Instrument :
MSVOA_Y
ClientSampled :
VSTDIC010

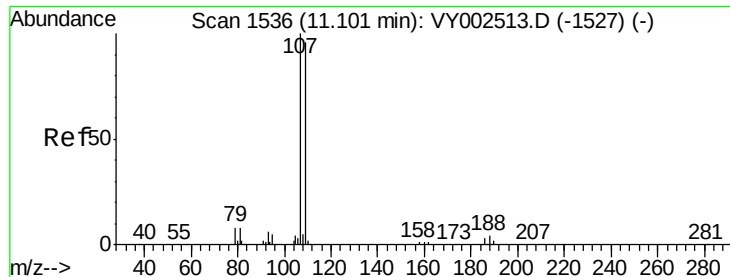
Tot Ion: 43 Resp: 75374
Ion Ratio Lower Upper
43 100
58 57.5 29.1 87.3



#60
Dibromochloromethane
Concen: 9.477 ug/l
RT: 10.99 min Scan# 1518
Delta R.T. -0.01 min
Lab File: VY002511.D
Acq: 30 Apr 2020 14:40

Tgt Ion: 129 Resp: 32607
Ion Ratio Lower Upper
129 100
127 76.7 39.0 117.0

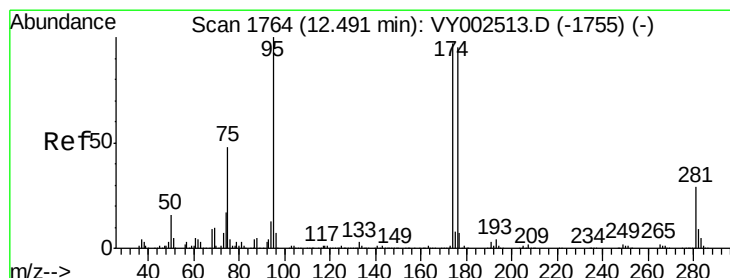
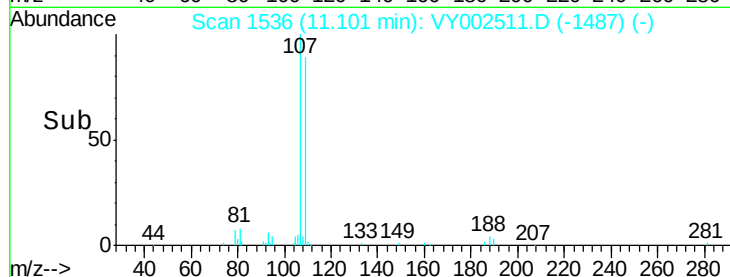
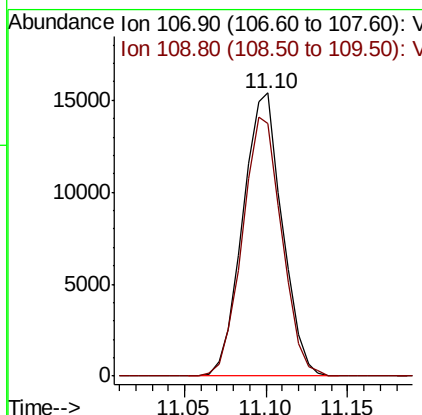
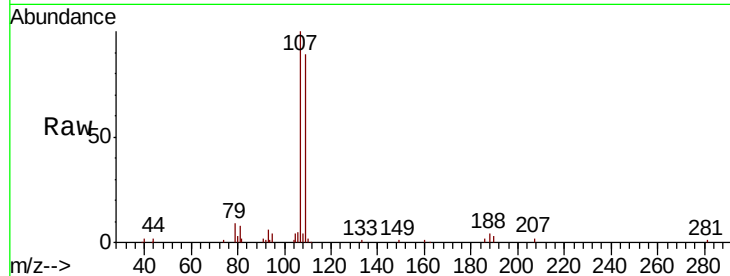




#61
 1,2-Dibromoethane
 Concen: 9.656 ug/l
 RT: 11.10 min Scan# 1536
 Delta R.T. -0.00 min
 Lab File: VY002511.D
 Acq: 30 Apr 2020 14:40

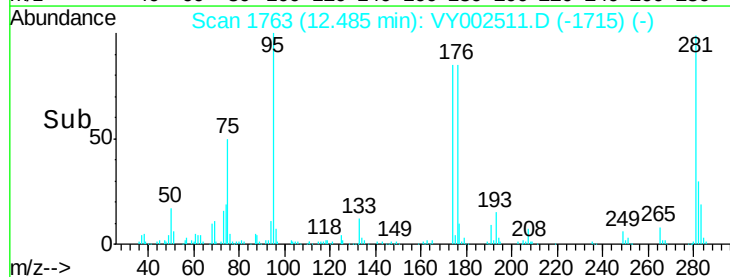
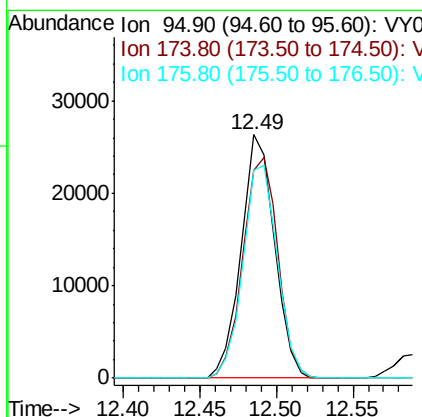
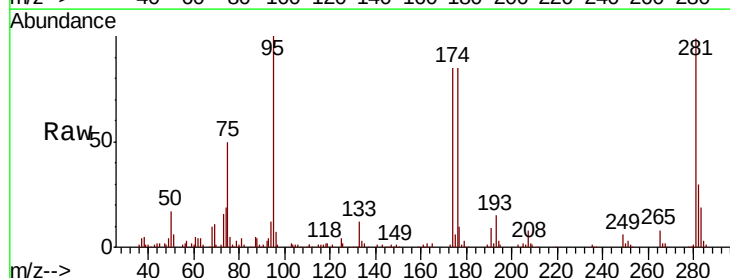
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

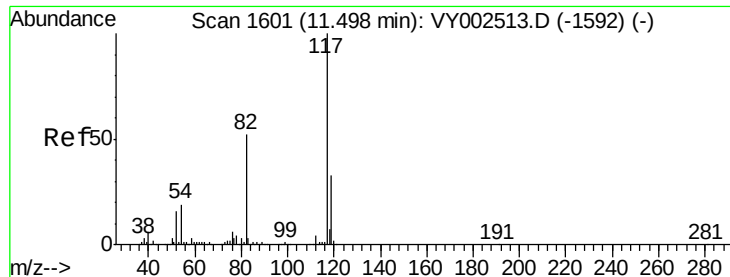
Tot Ion:107 Resp: 25865
 Ion Ratio Lower Upper
 107 100
 109 91.4 75.8 113.8



#62
 4-Bromofluorobenzene
 Concen: 9.592 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. -0.01 min
 Lab File: VY002511.D
 Acq: 30 Apr 2020 14:40

Tgt Ion: 95 Resp: 40107
 Ion Ratio Lower Upper
 95 100
 174 94.3 0.0 188.8
 176 90.3 0.0 183.2

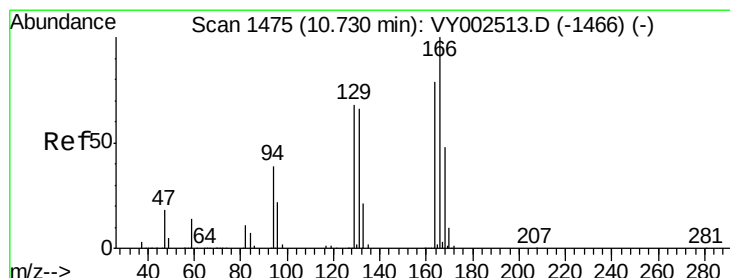
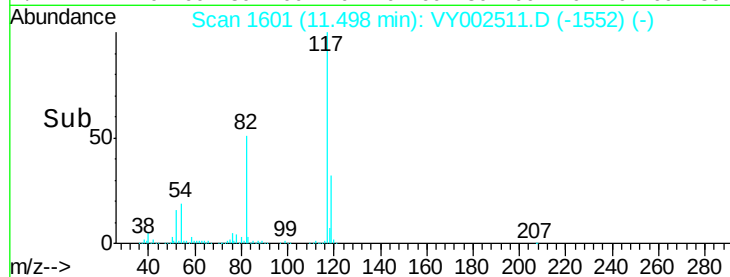
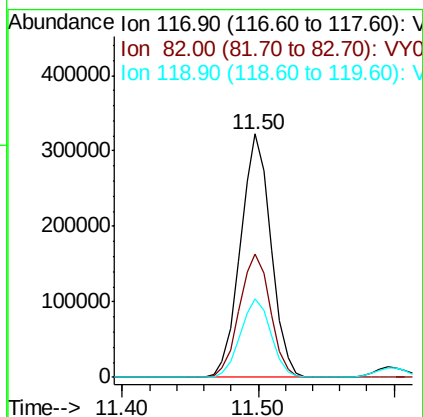
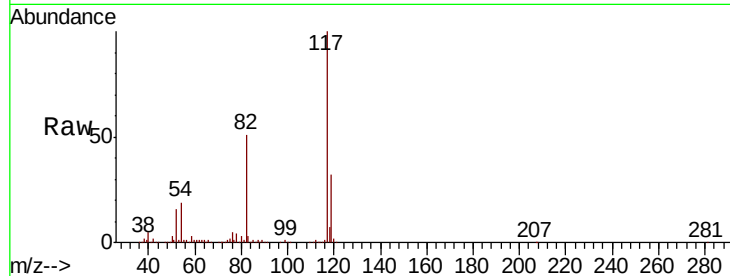




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VY002511.D
Acq: 30 Apr 2020 14:40

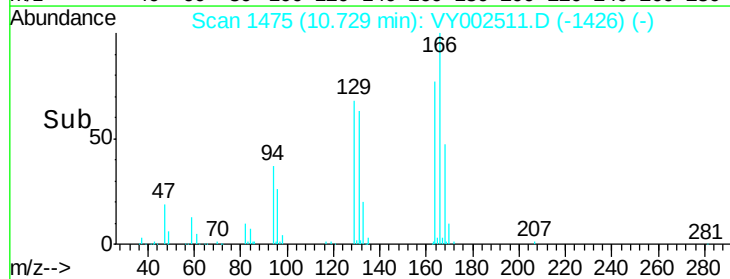
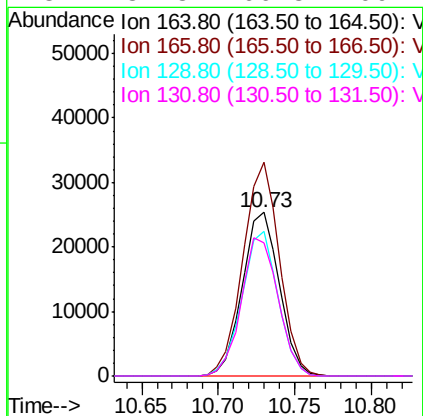
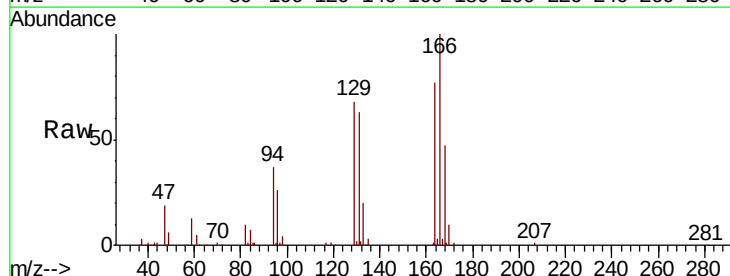
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

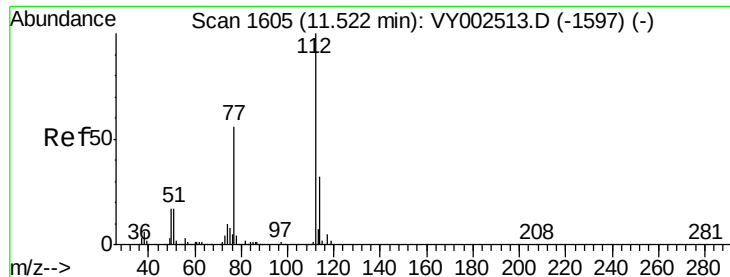
Tot Ion:117 Resp: 504072
Ion Ratio Lower Upper
117 100
82 50.8 41.3 61.9
119 32.1 26.0 39.0



#64
Tetrachloroethene
Concen: 9.522 ug/l
RT: 10.73 min Scan# 1475
Delta R.T. -0.00 min
Lab File: VY002511.D
Acq: 30 Apr 2020 14:40

Tgt Ion:164 Resp: 42644
Ion Ratio Lower Upper
164 100
166 130.7 100.7 151.1
129 88.3 68.3 102.5
131 81.8 66.8 100.2

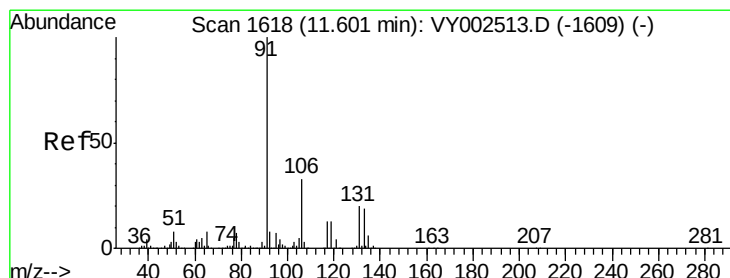
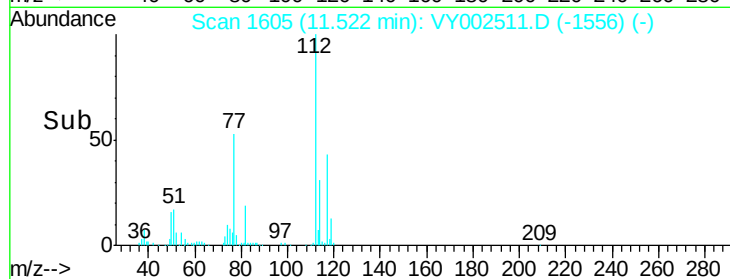
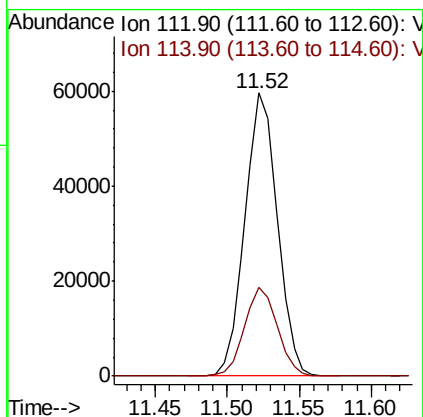
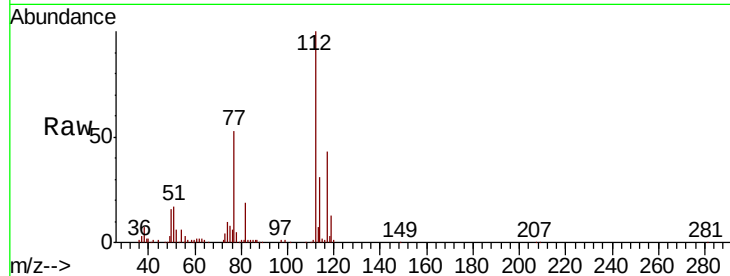




#65
Chlorobenzene
Concen: 9.724 ug/l
RT: 11.52 min Scan# 1605
Delta R.T. -0.00 min
Lab File: VY002511.D
Acq: 30 Apr 2020 14:40

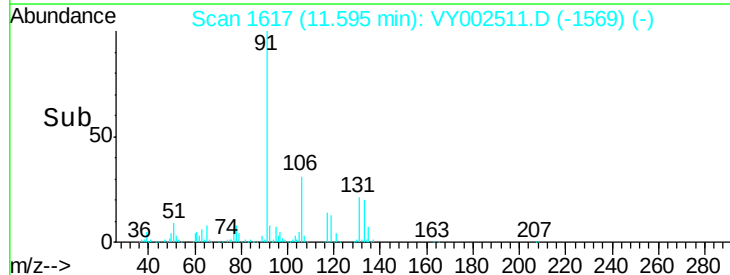
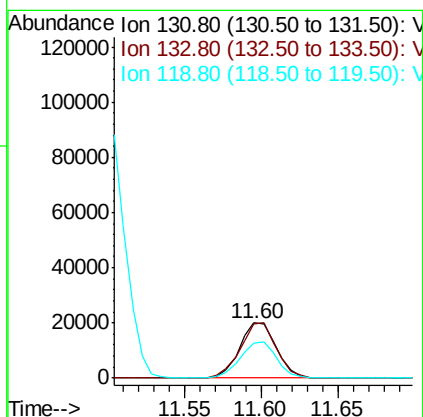
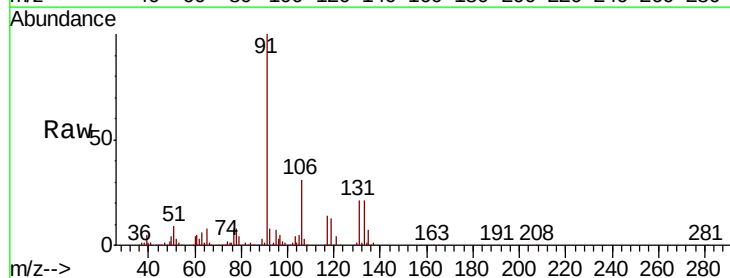
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

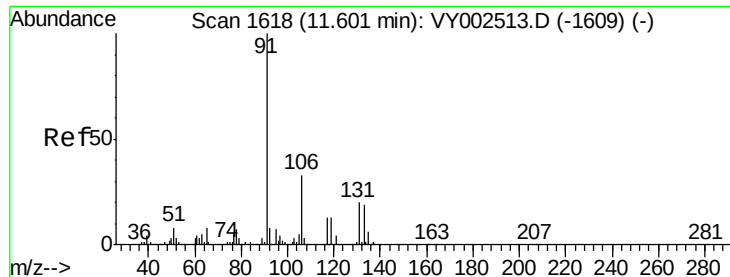
Tot Ion:112 Resp: 93184
Ion Ratio Lower Upper
112 100
114 31.2 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 9.424 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. -0.01 min
Lab File: VY002511.D
Acq: 30 Apr 2020 14:40

Tgt Ion:131 Resp: 33523
Ion Ratio Lower Upper
131 100
133 98.0 48.1 144.4
119 64.8 31.6 95.0

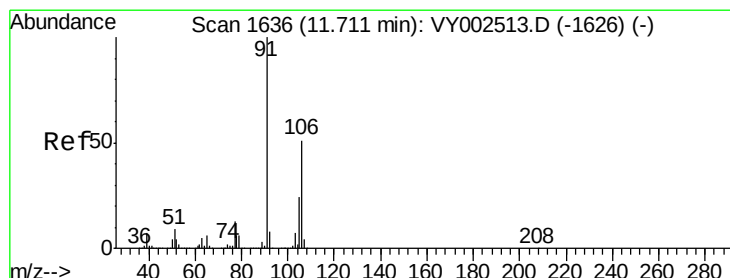
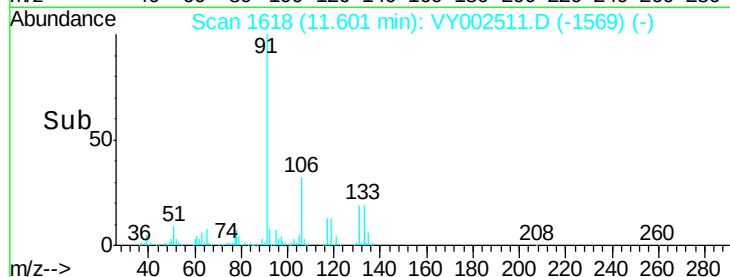
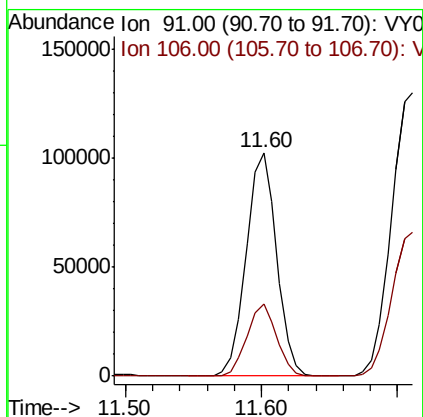
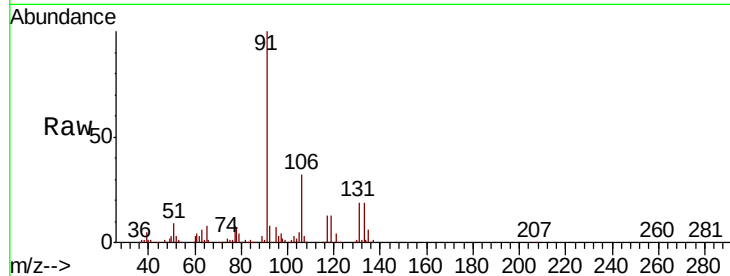




#67
Ethyl Benzene
Concen: 9.528 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VY002511.D
Acq: 30 Apr 2020 14:40

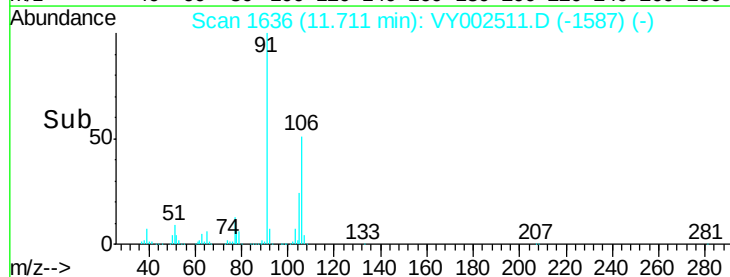
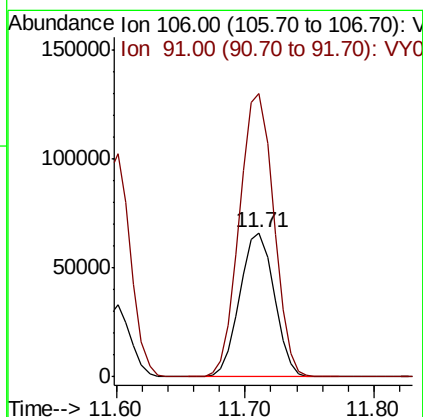
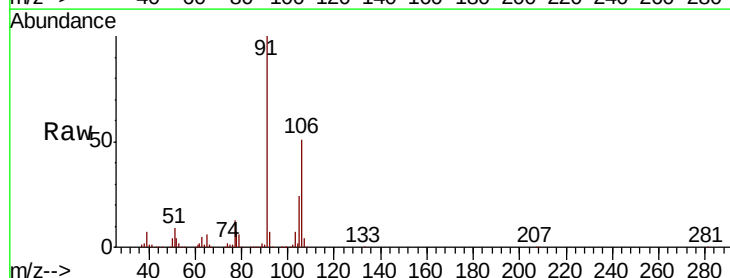
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

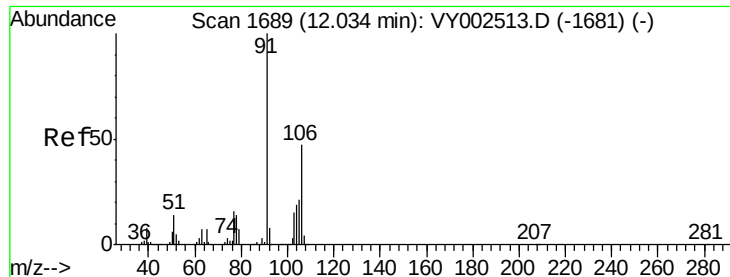
Tot Ion: 91 Resp: 160374
Ion Ratio Lower Upper
91 100
106 32.2 26.1 39.1



#68
m/p-Xylenes
Concen: 18.826 ug/l
RT: 11.71 min Scan# 1636
Delta R.T. -0.00 min
Lab File: VY002511.D
Acq: 30 Apr 2020 14:40

Tgt Ion: 106 Resp: 122610
Ion Ratio Lower Upper
106 100
91 196.3 155.2 232.8

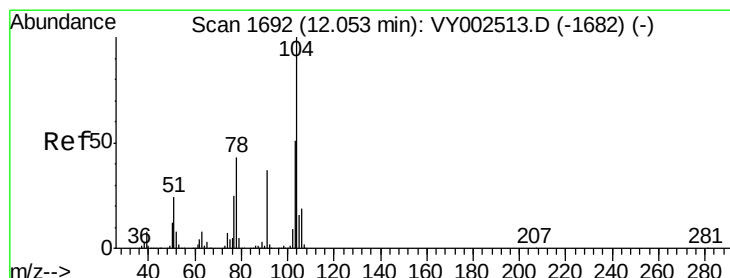
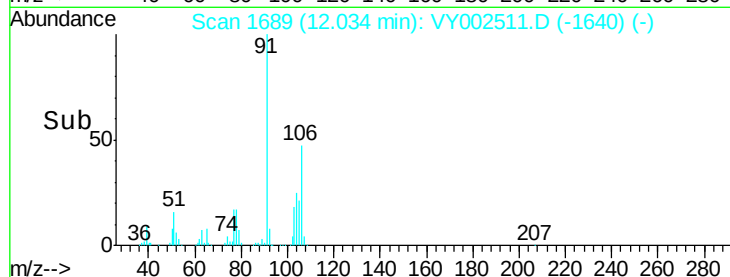
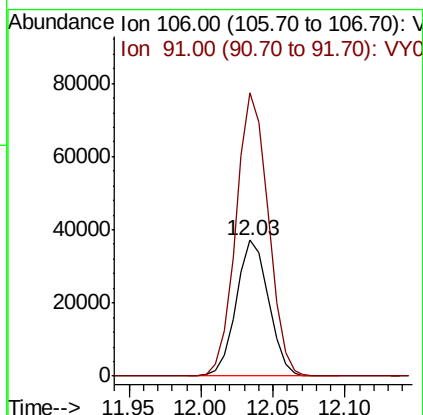
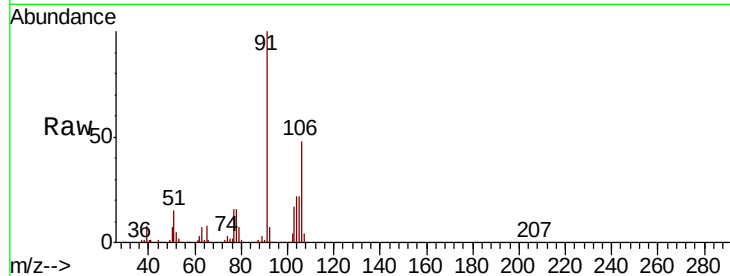




#69
o-Xylene
Concen: 9.551 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. -0.00 min
Lab File: VY002511.D
Acq: 30 Apr 2020 14:40

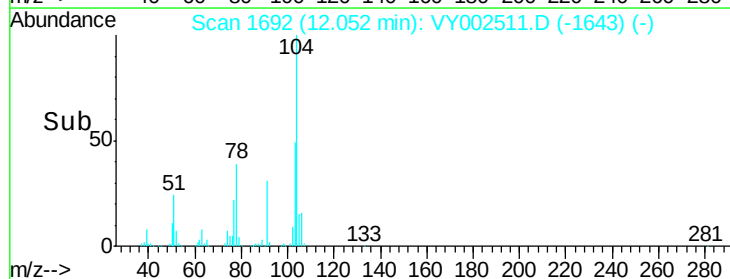
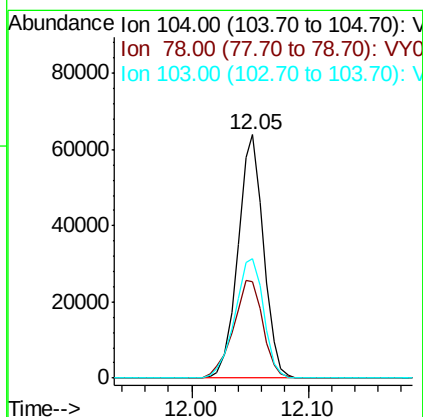
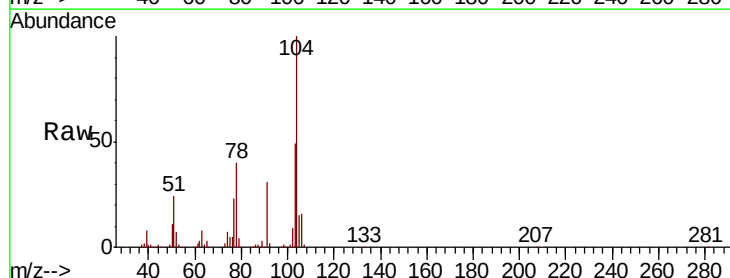
Instrument :
MSVOA_Y
ClientSampled :
VSTDIC010

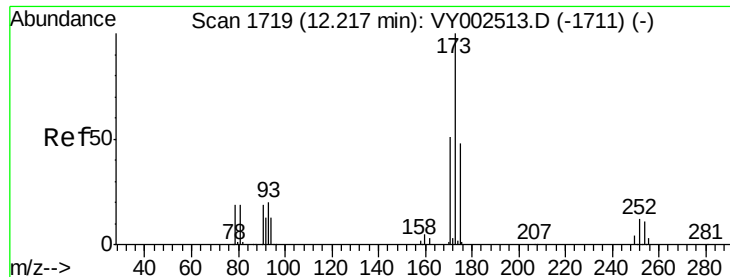
Tot Ion:106 Resp: 58240
Ion Ratio Lower Upper
106 100
91 206.8 103.8 311.3



#70
Styrene
Concen: 9.367 ug/l
RT: 12.05 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VY002511.D
Acq: 30 Apr 2020 14:40

Tgt Ion:104 Resp: 97650
Ion Ratio Lower Upper
104 100
78 46.3 37.4 56.0
103 55.1 43.9 65.9





#71

Bromoform

Concen: 9.353 ug/l

RT: 12.22 min Scan# 1719

Delta R.T. -0.00 min

Lab File: VY002511.D

Acq: 30 Apr 2020 14:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

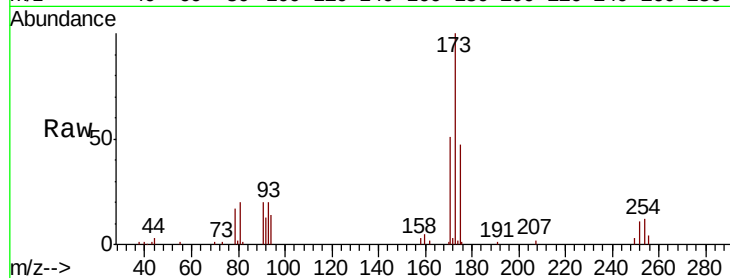
Tot Ion:173 Resp: 20650

Ion Ratio Lower Upper

173 100

175 48.7 24.3 72.8

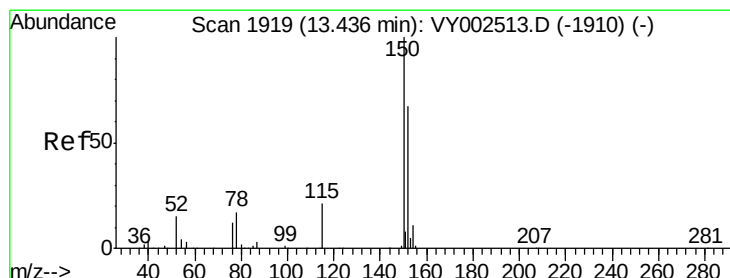
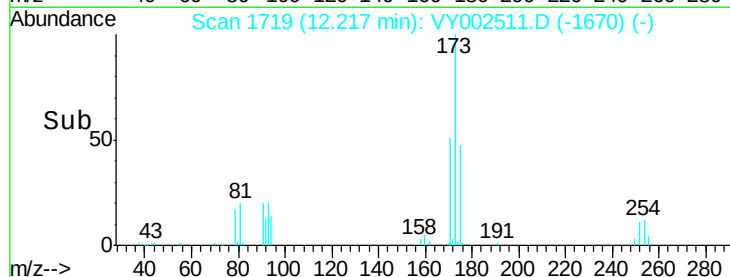
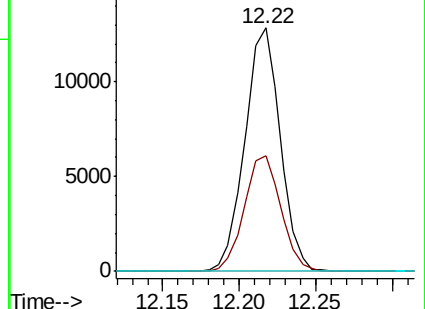
254 0.0 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.43 min Scan# 1918

Delta R.T. -0.01 min

Lab File: VY002511.D

Acq: 30 Apr 2020 14:40

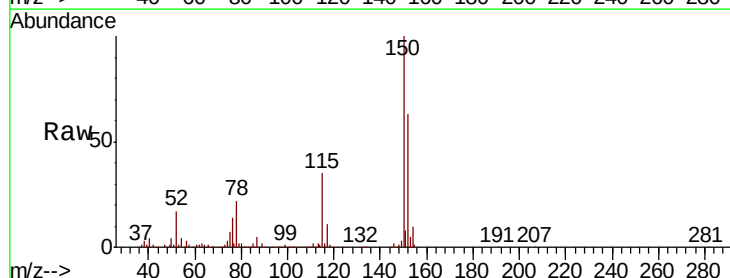
Tgt Ion:152 Resp: 261302

Ion Ratio Lower Upper

152 100

115 54.9 27.5 82.4

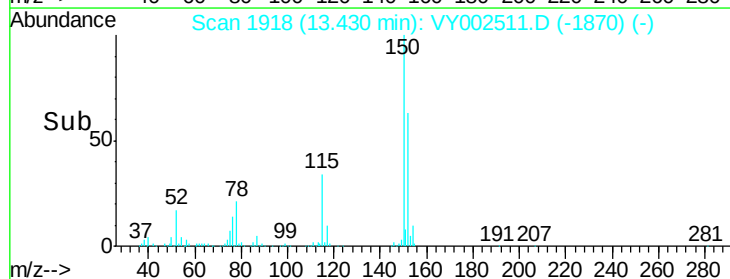
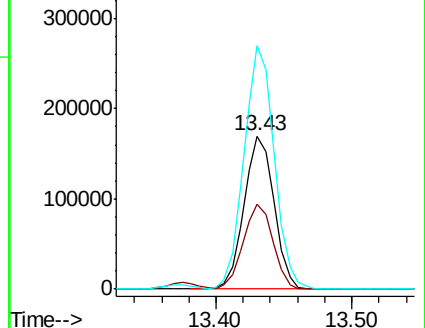
150 160.2 0.0 346.4

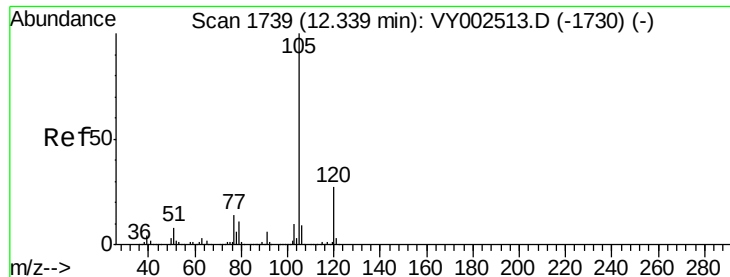


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 9.431 ug/l

RT: 12.34 min Scan# 1739

Delta R.T. -0.00 min

Lab File: VY002511.D

Acq: 30 Apr 2020 14:40

Instrument :

MSVOA_Y

ClientSampleId :

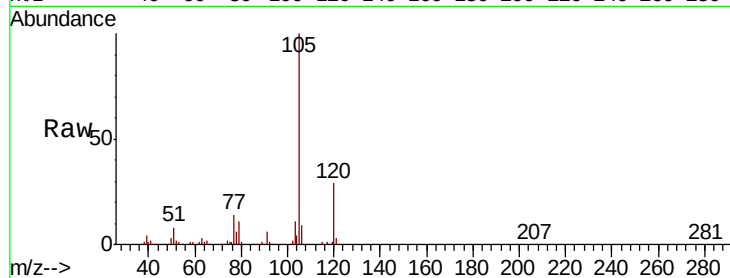
VSTDIC010

Tot Ion:105 Resp: 159706

Ion Ratio Lower Upper

105 100

120 27.6 13.8 41.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

120000

100000

80000

60000

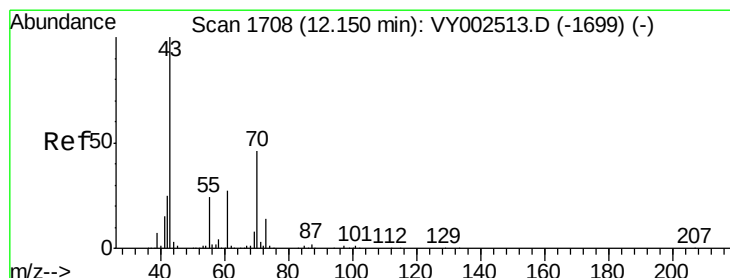
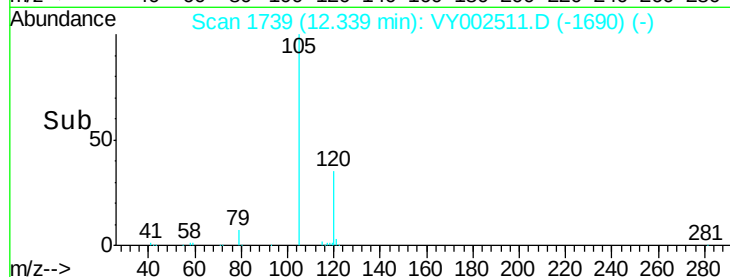
40000

20000

0

12.25 12.30 12.35 12.40

Time-->



#74

N-ethyl acetate

Concen: 9.553 ug/l

RT: 12.15 min Scan# 1708

Delta R.T. -0.00 min

Lab File: VY002511.D

Acq: 30 Apr 2020 14:40

Tgt Ion: 43 Resp: 38917

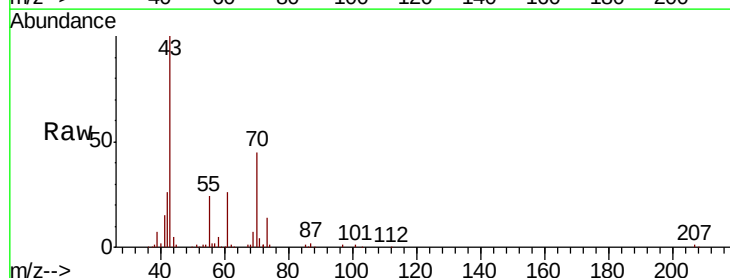
Ion Ratio Lower Upper

43 100

70 45.6 36.7 55.1

55 25.4 19.2 28.8

61 25.3 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

40000

30000

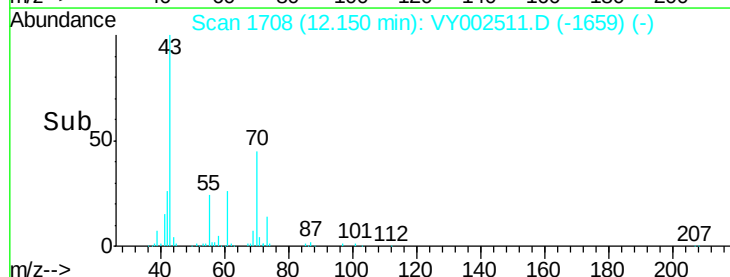
20000

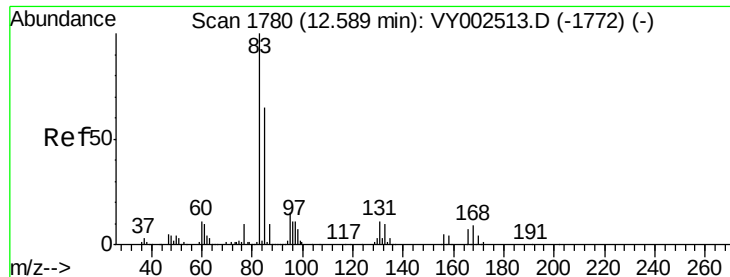
10000

0

12.10 12.15 12.20

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 9.575 ug/l

RT: 12.59 min Scan# 1780

Delta R.T. -0.00 min

Lab File: VY002511.D

Acq: 30 Apr 2020 14:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

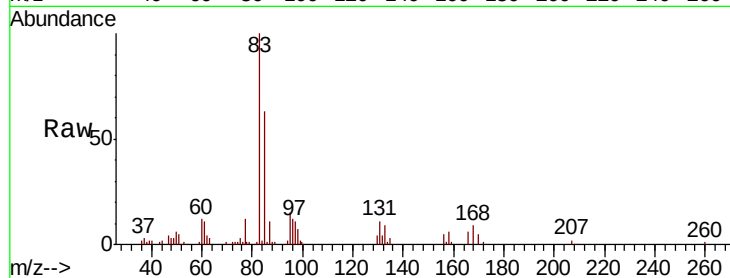
Tot Ion: 83 Resp: 25787

Ion Ratio Lower Upper

83 100

131 11.6 5.9 17.8

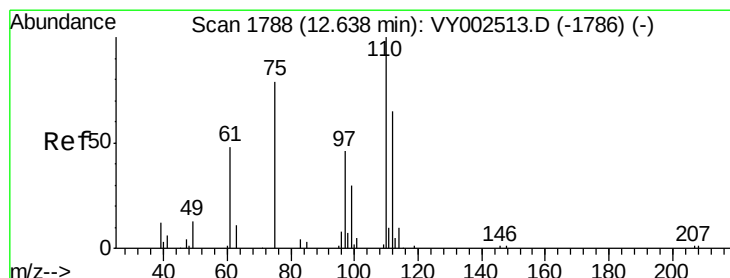
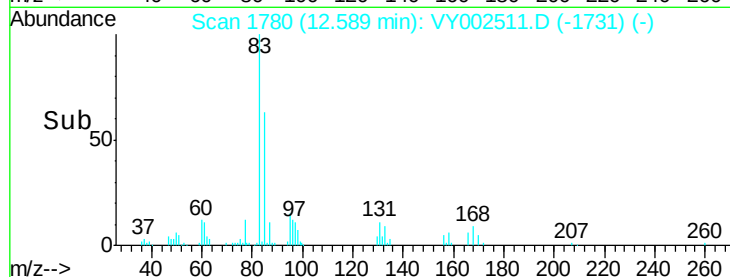
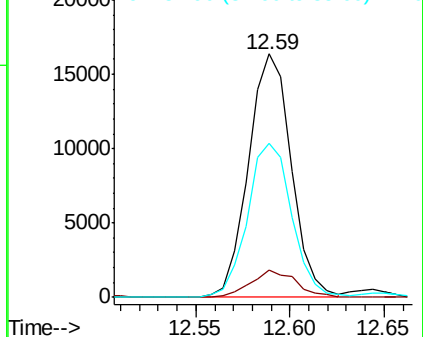
85 65.2 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 130.80 (130.50 to 131.50): VY0

Ion 84.90 (84.60 to 85.60): VY0



#76

1,2,3-Trichloropropane

Concen: 9.478 ug/l m

RT: 12.64 min Scan# 1789

Delta R.T. 0.01 min

Lab File: VY002511.D

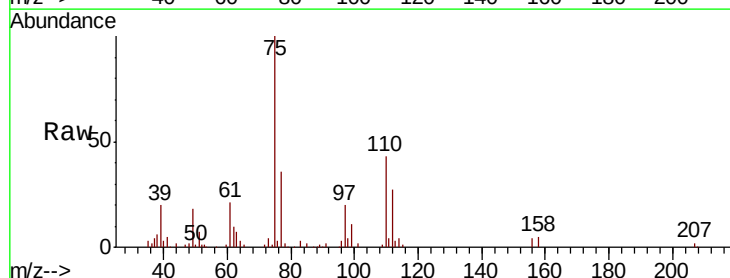
Acq: 30 Apr 2020 14:40

Tgt Ion: 75 Resp: 22107

Ion Ratio Lower Upper

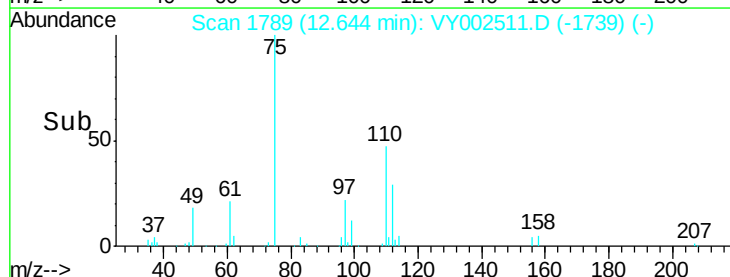
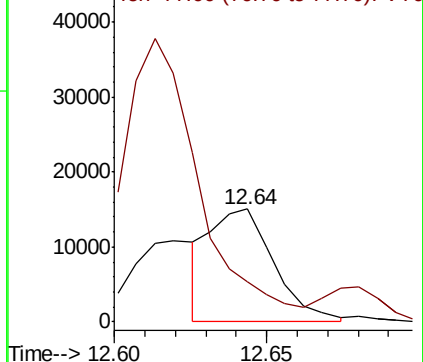
75 100

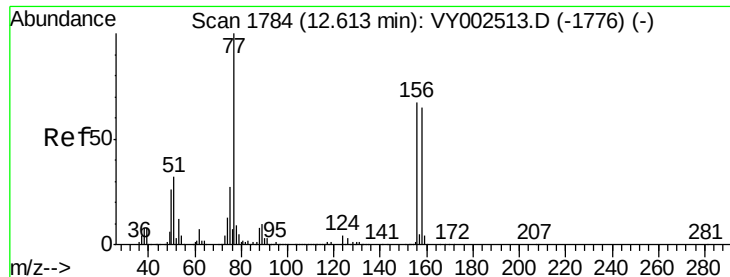
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 9.391 ug/l

RT: 12.61 min Scan# 1784

Delta R.T. -0.00 min

Lab File: VY002511.D

Acq: 30 Apr 2020 14:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

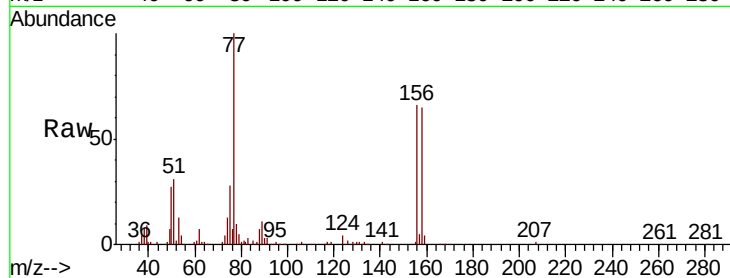
Tot Ion:156 Resp: 39732

Ion Ratio Lower Upper

156 100

77 169.5 82.0 245.8

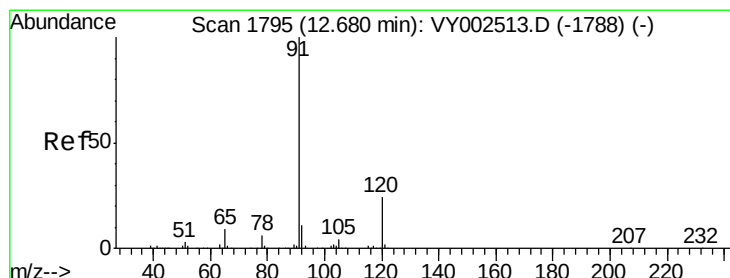
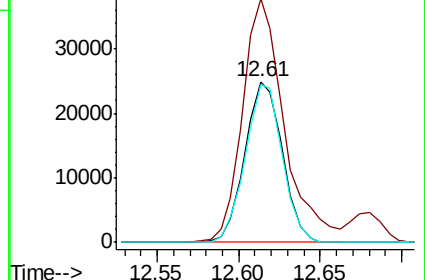
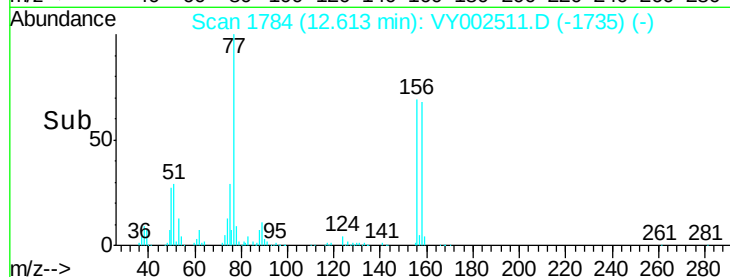
158 97.5 48.5 145.6



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: 9.486 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. -0.01 min

Lab File: VY002511.D

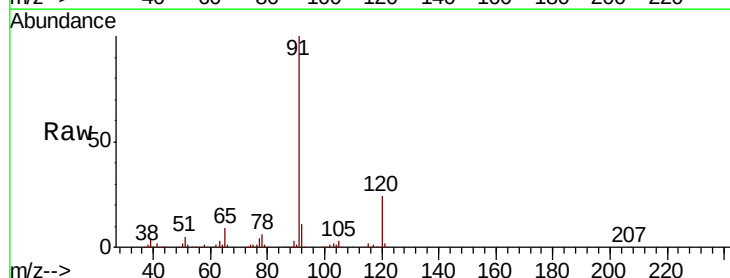
Acq: 30 Apr 2020 14:40

Tgt Ion: 91 Resp: 186421

Ion Ratio Lower Upper

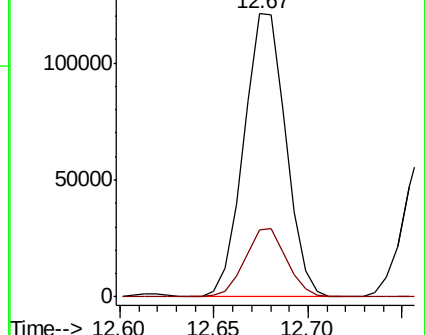
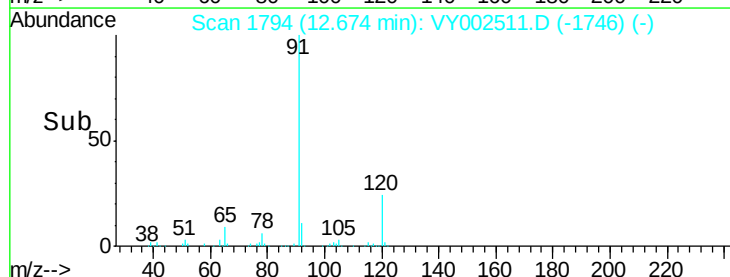
91 100

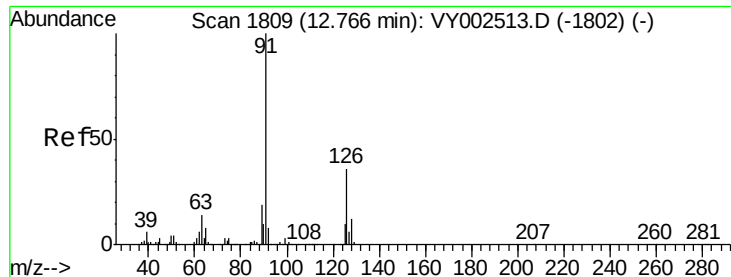
120 23.9 12.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

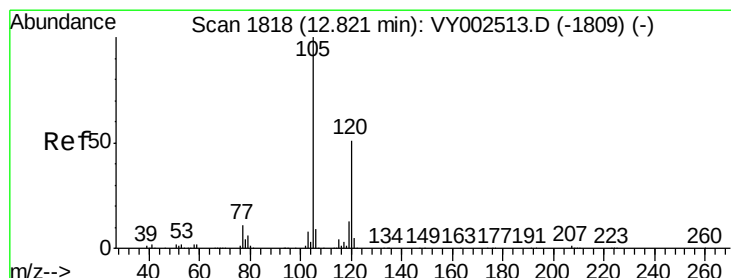
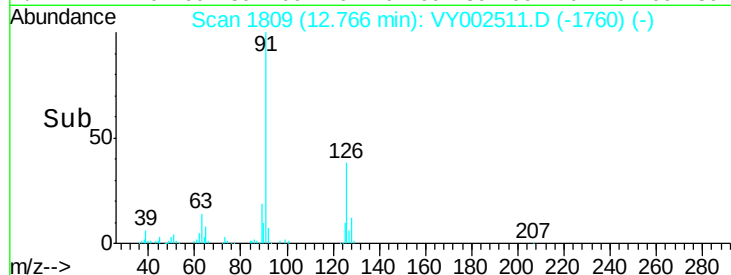
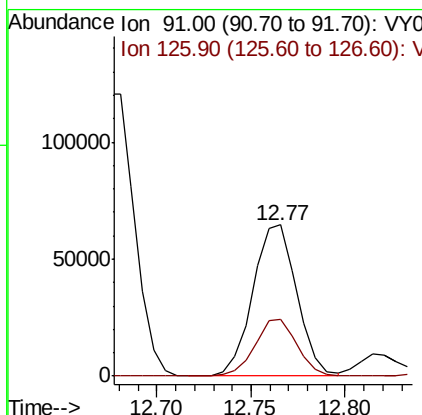
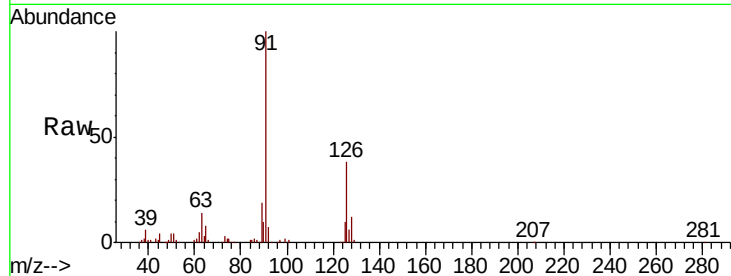




#79
 2-Chlorotoluene
 Concen: 9.553 ug/l
 RT: 12.77 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VY002511.D
 Acq: 30 Apr 2020 14:40

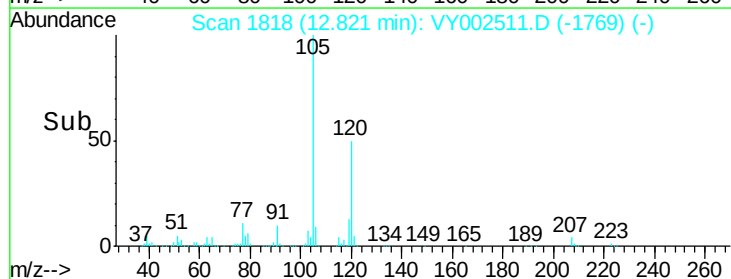
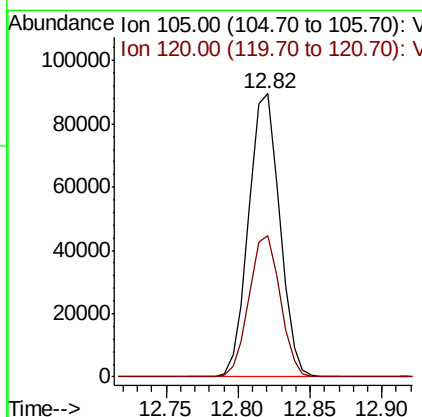
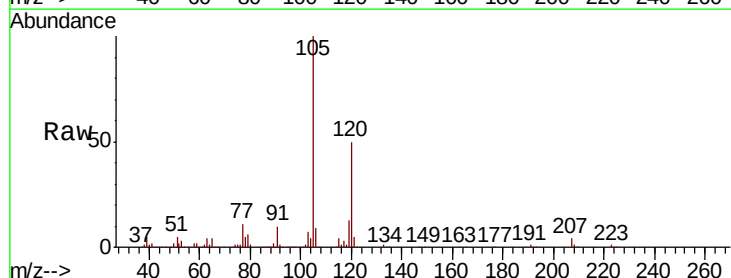
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

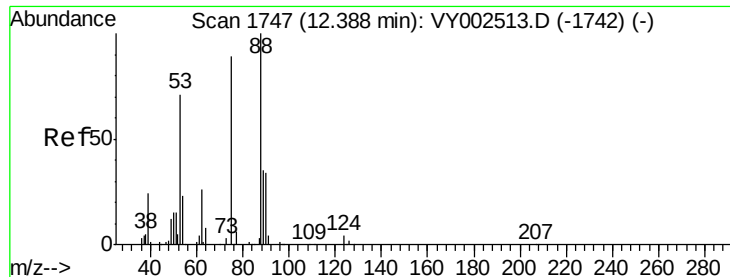
Tot Ion: 91 Resp: 103997
 Ion Ratio Lower Upper
 91 100
 126 36.4 18.4 55.2



#80
 1,3,5-Trimethylbenzene
 Concen: 9.478 ug/l
 RT: 12.82 min Scan# 1818
 Delta R.T. -0.00 min
 Lab File: VY002511.D
 Acq: 30 Apr 2020 14:40

Tgt Ion: 105 Resp: 133048
 Ion Ratio Lower Upper
 105 100
 120 50.3 25.3 75.9

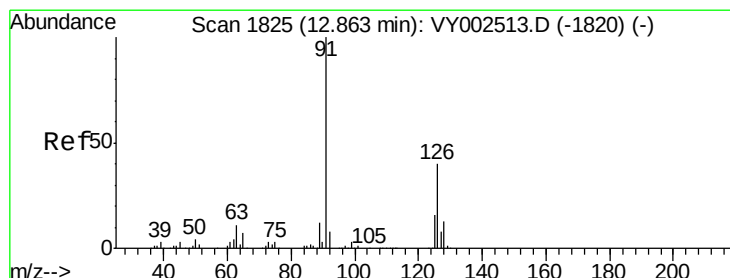
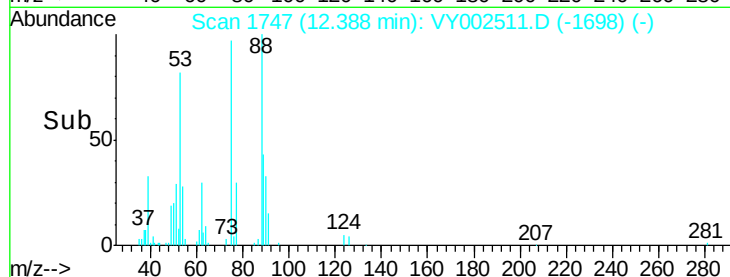
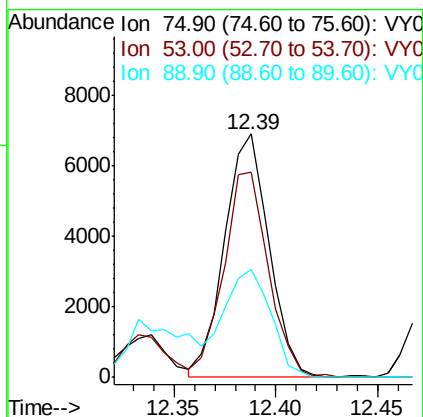
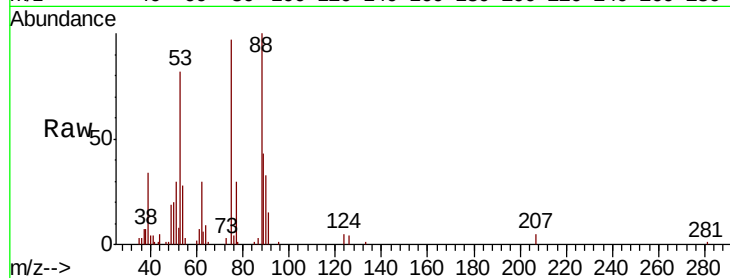




#81
trans-1,4-Dichloro-2-butene
Concen: 9.014 ug/l
RT: 12.39 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VY002511.D
Acq: 30 Apr 2020 14:40

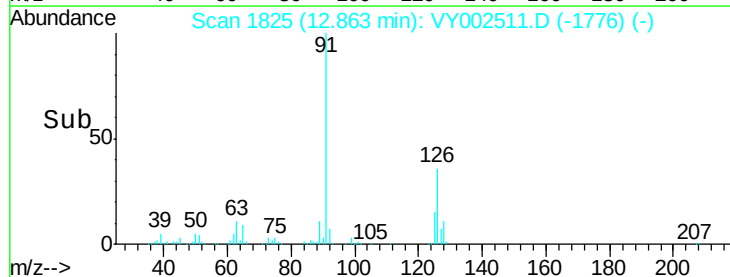
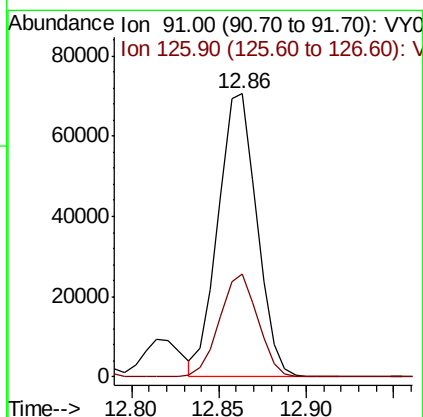
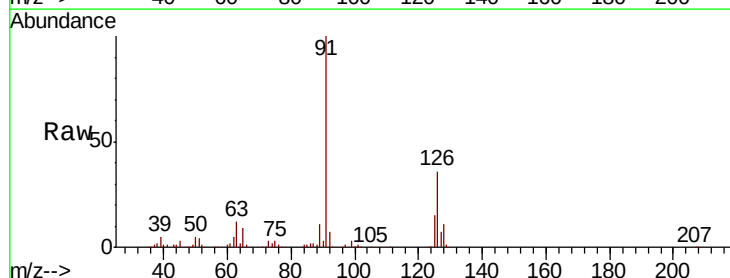
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

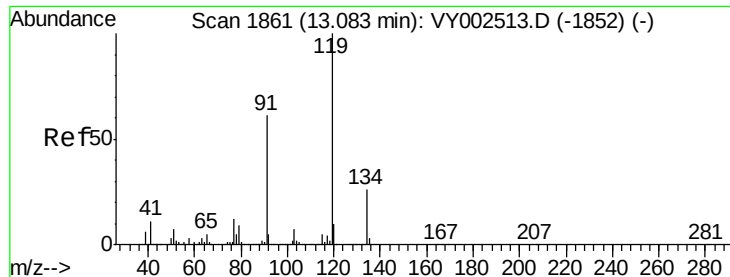
Tot Ion: 75 Resp: 10439
Ion Ratio Lower Upper
75 100
53 85.0 67.4 101.0
89 47.3 37.4 56.0



#82
4-Chlorotoluene
Concen: 9.522 ug/l
RT: 12.86 min Scan# 1825
Delta R.T. -0.00 min
Lab File: VY002511.D
Acq: 30 Apr 2020 14:40

Tgt Ion: 91 Resp: 108879
Ion Ratio Lower Upper
91 100
126 36.0 18.5 55.5





#83

tert-Butylbenzene

Concen: 9.367 ug/l

RT: 13.08 min Scan# 1861

Delta R.T. -0.00 min

Lab File: VY002511.D

Acq: 30 Apr 2020 14:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

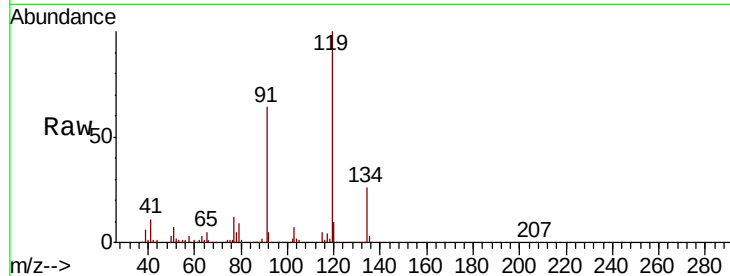
Tot Ion:119 Resp: 115291

Ion Ratio Lower Upper

119 100

91 61.8 30.6 91.6

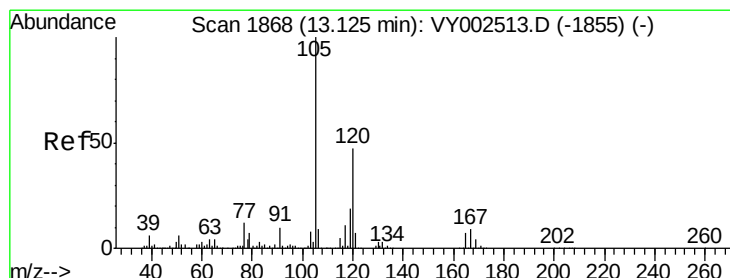
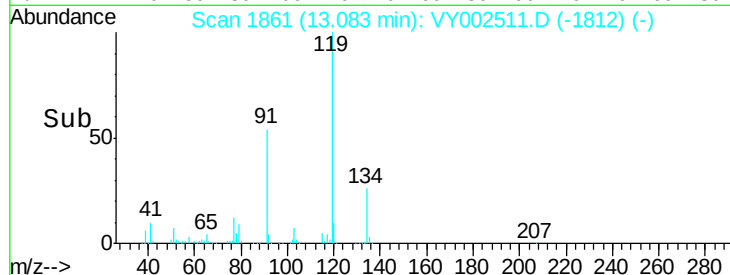
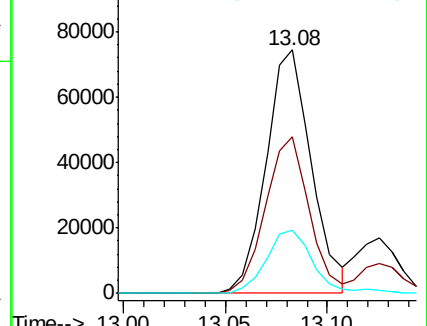
134 27.1 13.5 40.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VY0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 9.562 ug/l

RT: 13.13 min Scan# 1868

Delta R.T. -0.00 min

Lab File: VY002511.D

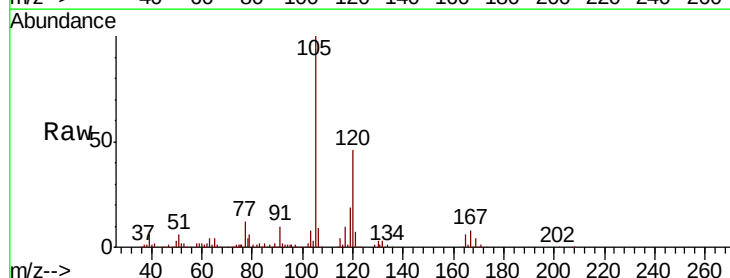
Acq: 30 Apr 2020 14:40

Tgt Ion:105 Resp: 133772

Ion Ratio Lower Upper

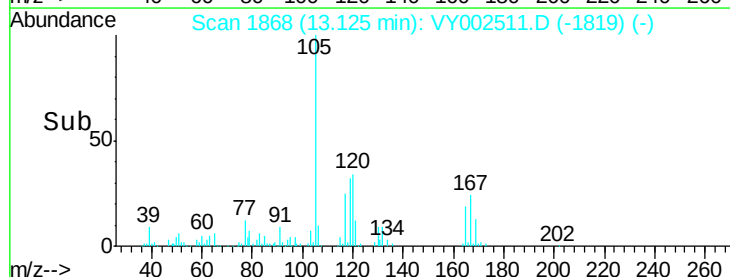
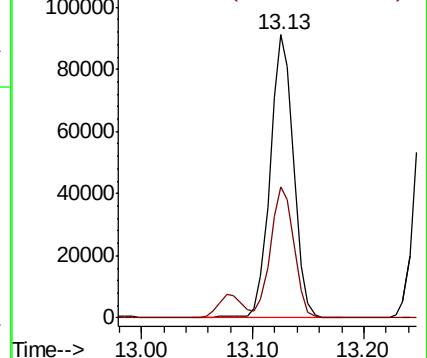
105 100

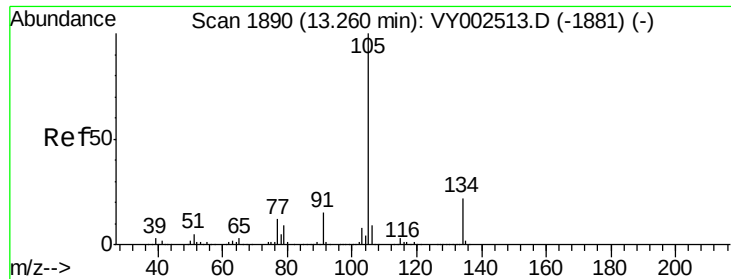
120 46.2 23.4 70.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 9.598 ug/l

RT: 13.26 min Scan# 1890

Delta R.T. -0.00 min

Lab File: VY002511.D

Acq: 30 Apr 2020 14:40

Instrument :

MSVOA_Y

ClientSampleId :

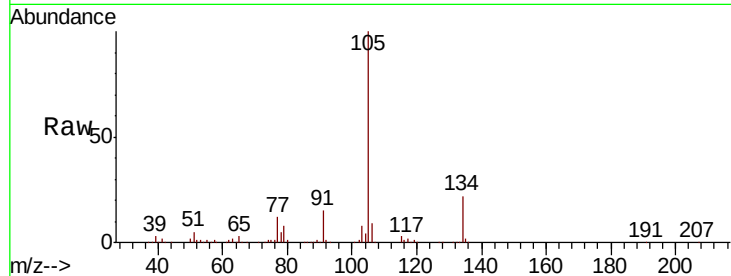
VSTDIC010

Tot Ion:105 Resp: 163934

Ion Ratio Lower Upper

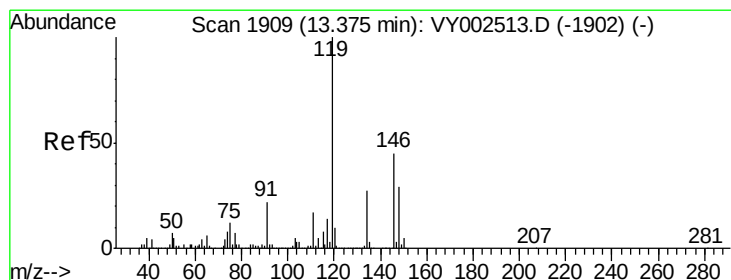
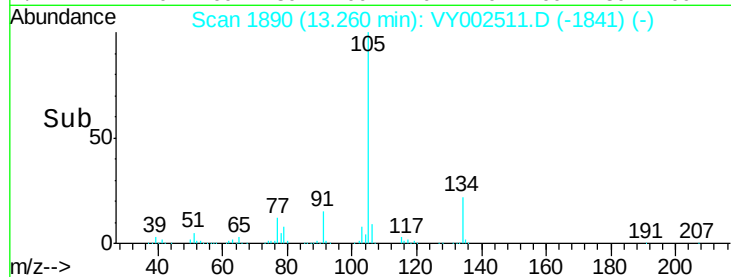
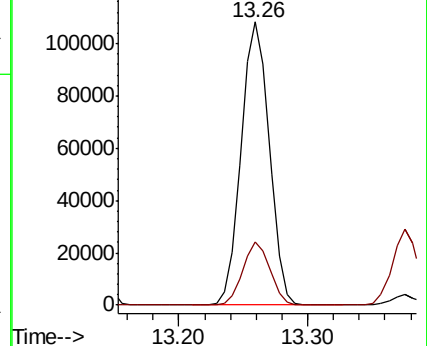
105 100

134 21.4 10.8 32.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 9.522 ug/l

RT: 13.38 min Scan# 1909

Delta R.T. -0.00 min

Lab File: VY002511.D

Acq: 30 Apr 2020 14:40

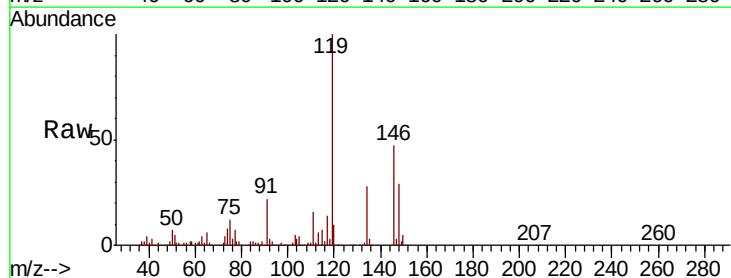
Tgt Ion:119 Resp: 152392

Ion Ratio Lower Upper

119 100

134 26.7 13.5 40.5

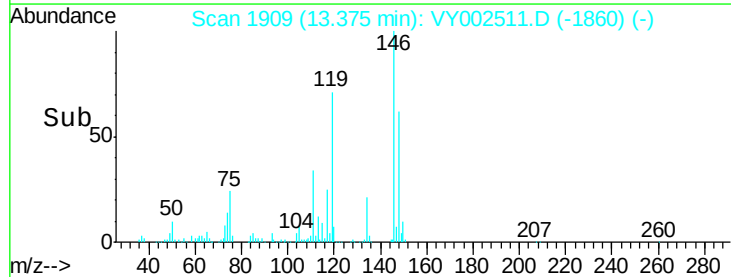
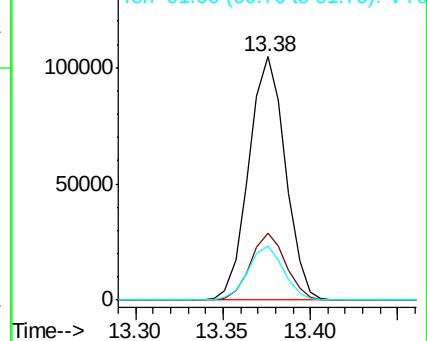
91 21.7 10.9 32.9

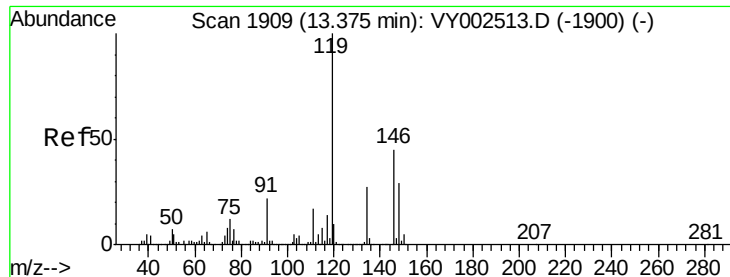


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

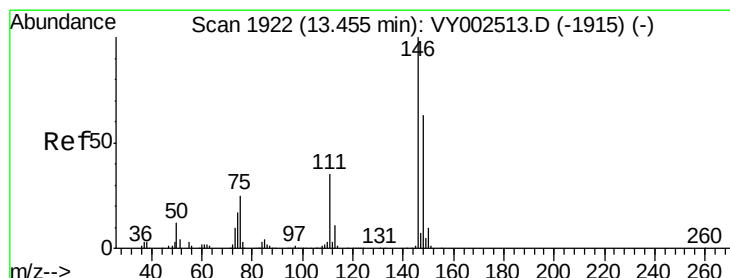
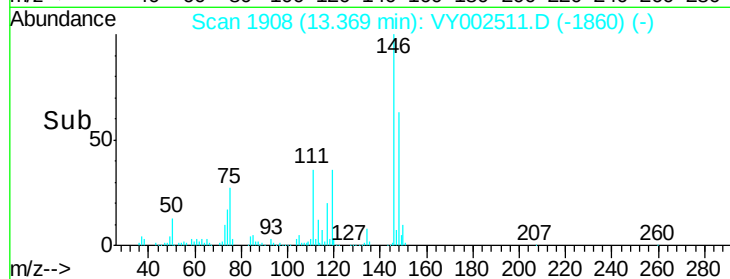
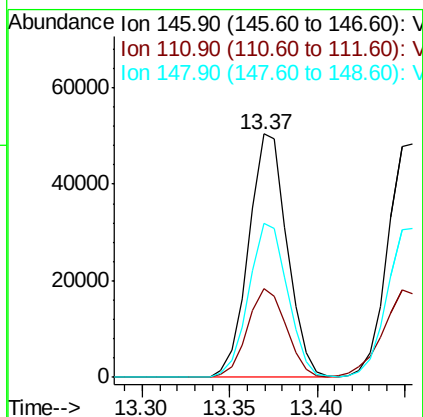
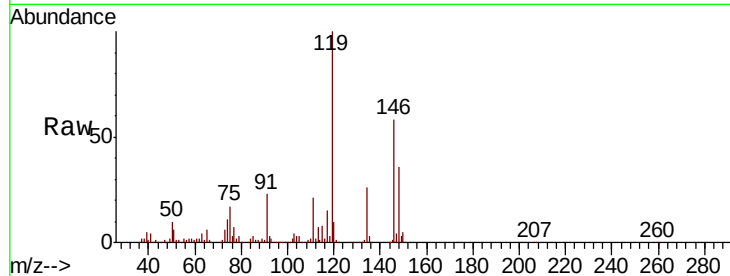




#87
 1,3-Dichlorobenzene
 Concen: 9.638 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. -0.01 min
 Lab File: VY002511.D
 Acq: 30 Apr 2020 14:40

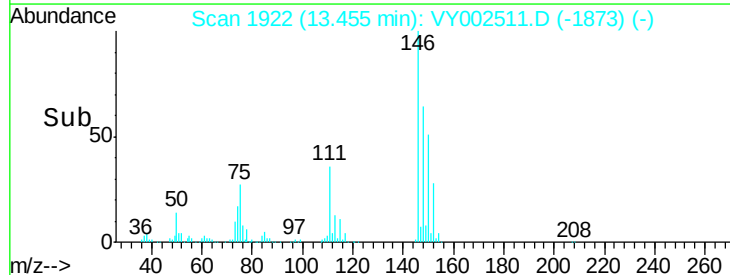
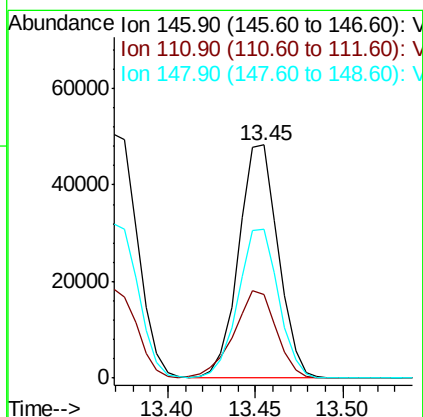
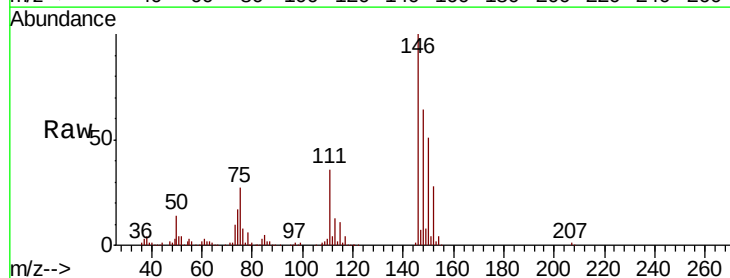
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

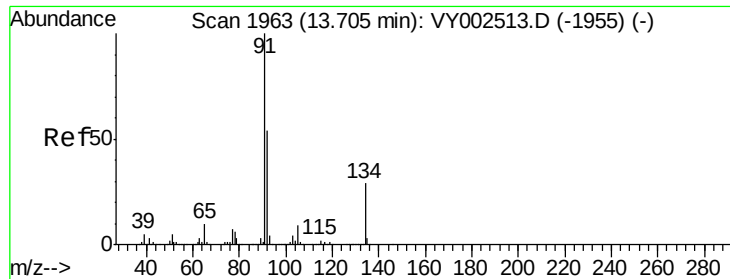
Tot Ion:146 Resp: 77179
 Ion Ratio Lower Upper
 146 100
 111 36.8 18.8 56.3
 148 63.8 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 9.590 ug/l
 RT: 13.45 min Scan# 1922
 Delta R.T. -0.00 min
 Lab File: VY002511.D
 Acq: 30 Apr 2020 14:40

Tgt Ion:146 Resp: 76040
 Ion Ratio Lower Upper
 146 100
 111 40.2 18.1 54.1
 148 65.2 31.9 95.5





#89

n-Butylbenzene

Concen: 9.579 ug/l

RT: 13.70 min Scan# 1963

Delta R.T. -0.00 min

Lab File: VY002511.D

Acq: 30 Apr 2020 14:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

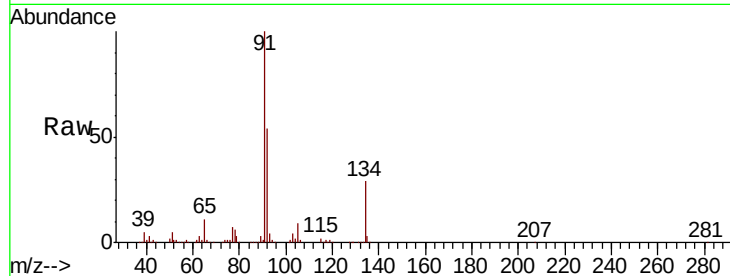
Tot Ion: 91 Resp: 139551

Ion Ratio Lower Upper

91 100

92 54.2 27.1 81.3

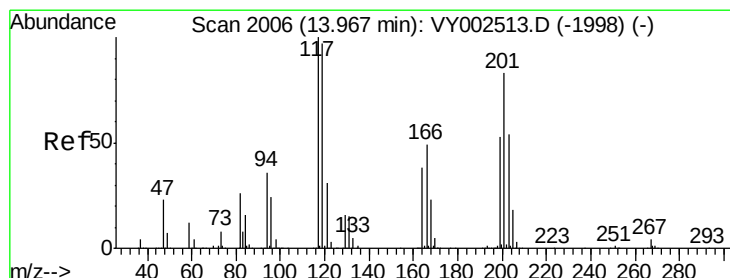
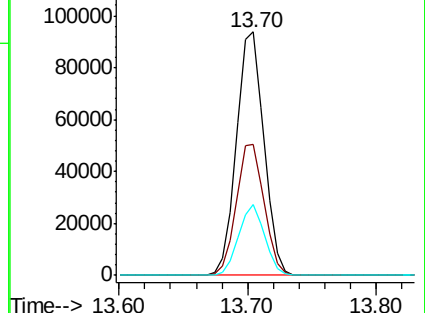
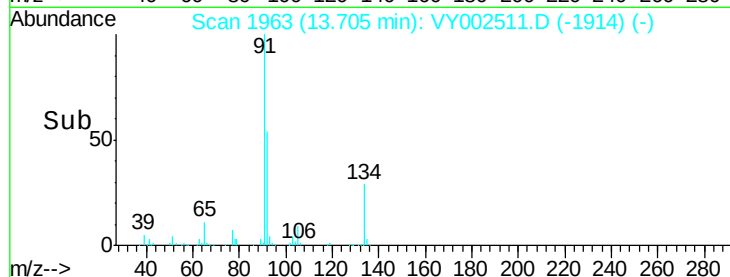
134 27.5 14.4 43.0



Abundance Ion 91.00 (90.70 to 91.70): VY002511.D (-1955) (-)

Ion 92.00 (91.70 to 92.70): VY002511.D (-1955) (-)

Ion 134.00 (133.70 to 134.70): VY002511.D (-1955) (-)



#90

Hexachloroethane

Concen: 9.412 ug/l

RT: 13.97 min Scan# 2006

Delta R.T. -0.00 min

Lab File: VY002511.D

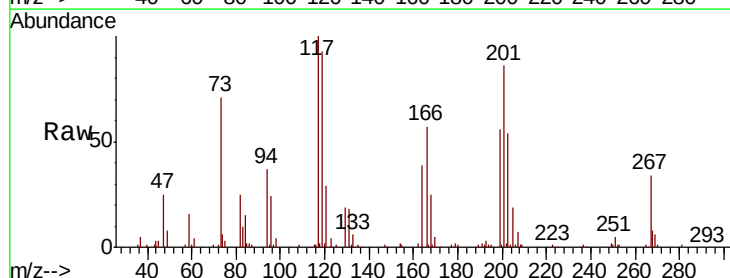
Acq: 30 Apr 2020 14:40

Tgt Ion: 117 Resp: 27431

Ion Ratio Lower Upper

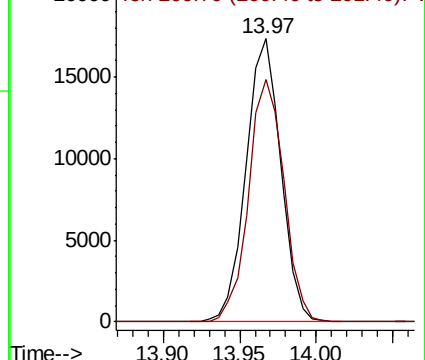
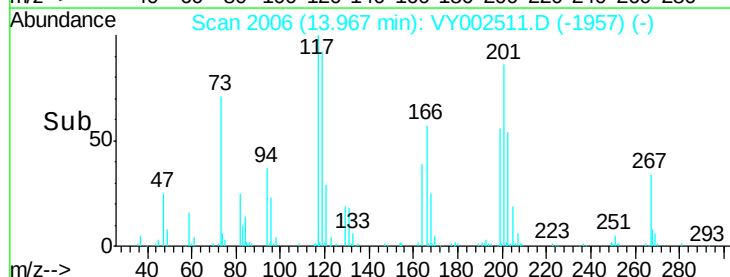
117 100

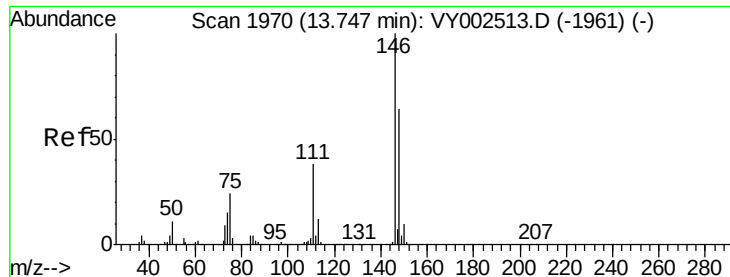
201 87.2 44.4 133.2



Abundance Ion 116.80 (116.50 to 117.50): VY002511.D (-1998) (-)

Ion 200.70 (200.40 to 201.40): VY002511.D (-1998) (-)

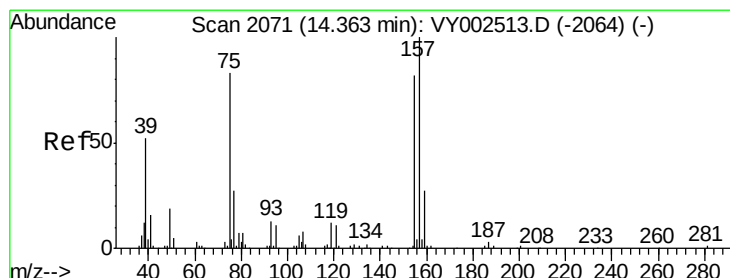
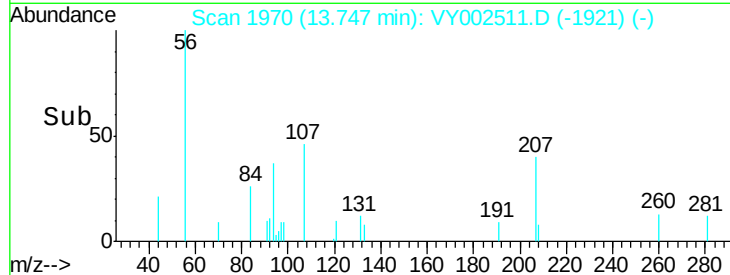
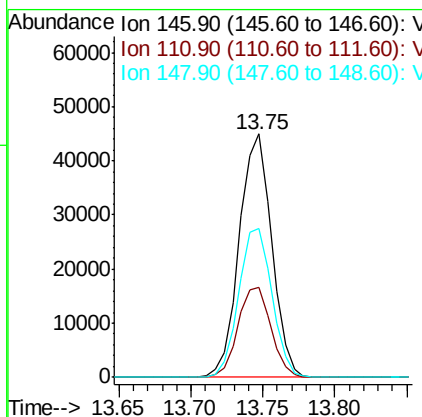
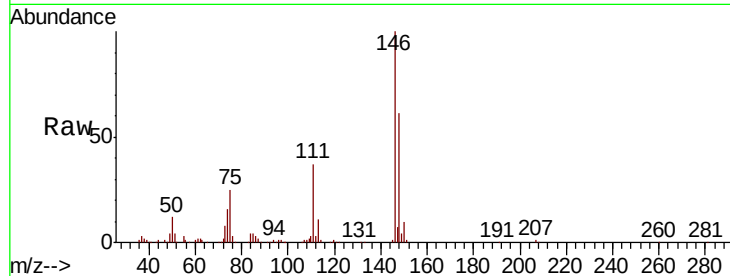




#91
 1,2-Dichlorobenzene
 Concen: 9.823 ug/l
 RT: 13.75 min Scan# 1970
 Delta R.T. -0.00 min
 Lab File: VY002511.D
 Acq: 30 Apr 2020 14:40

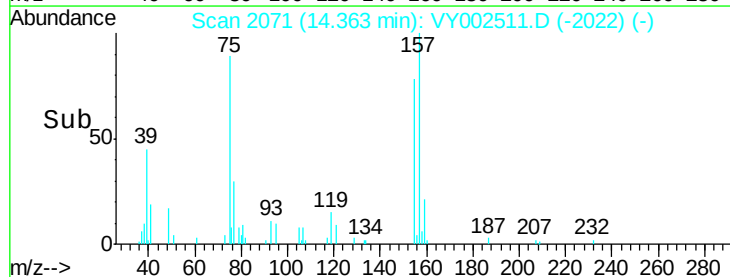
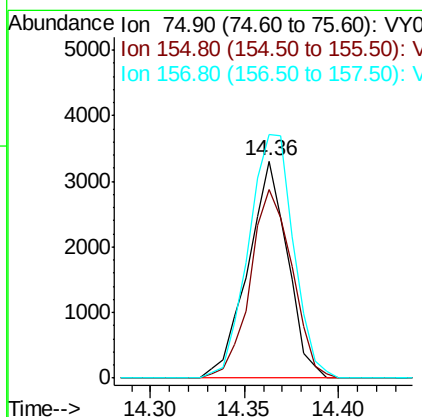
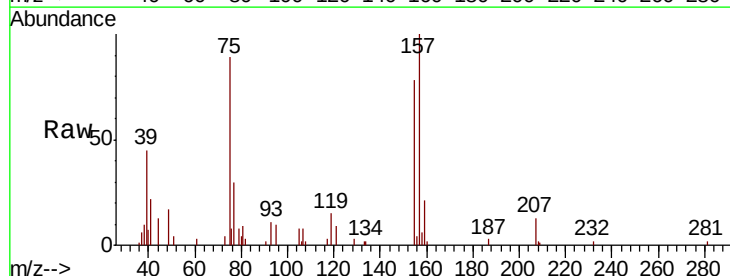
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

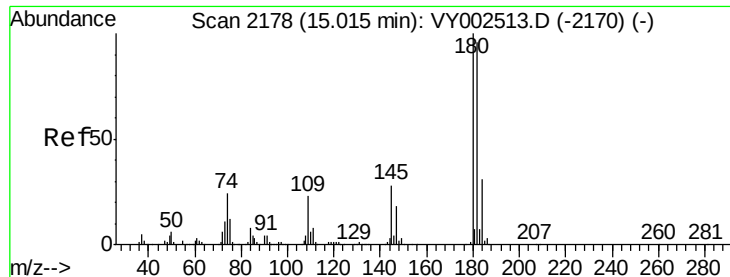
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.7	19.1	57.5
148	62.7	31.9	95.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 9.623 ug/l
 RT: 14.36 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VY002511.D
 Acq: 30 Apr 2020 14:40

Tgt Ion	Ratio	Lower	Upper
75	100		
155	91.9	51.3	153.9
157	127.3	65.0	195.0

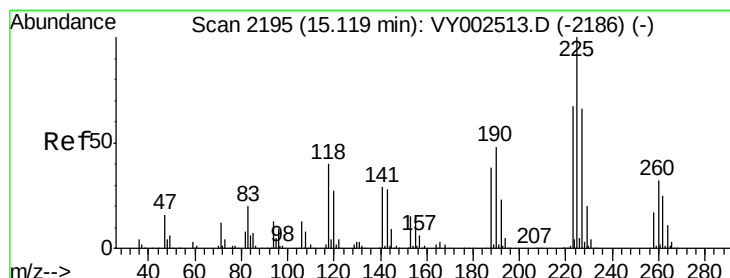
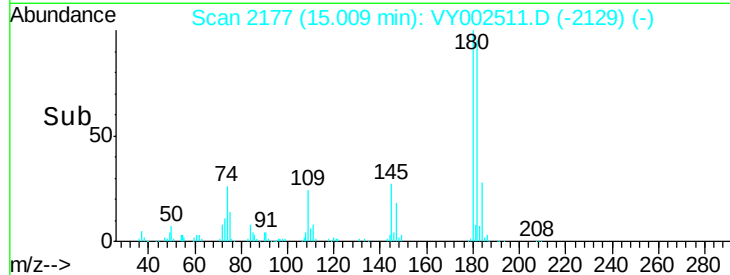
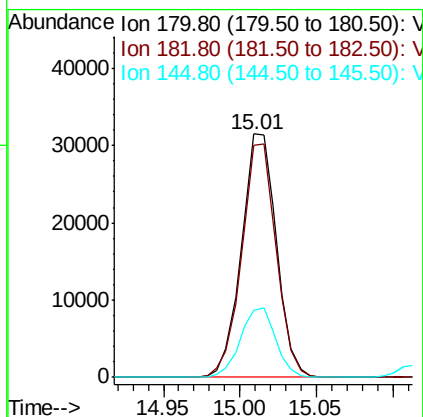
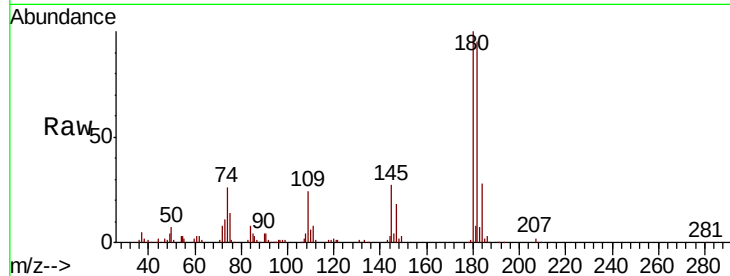




#93
 1,2,4-Trichlorobenzene
 Concen: 9.644 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. -0.01 min
 Lab File: VY002511.D
 Acq: 30 Apr 2020 14:40

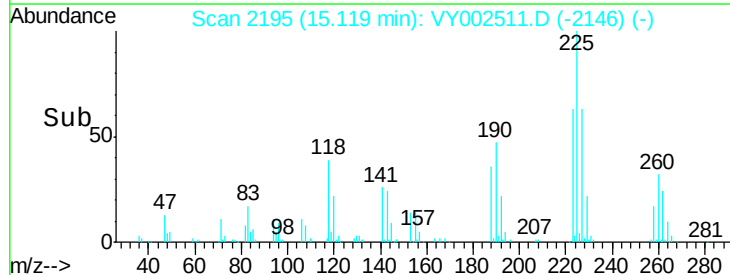
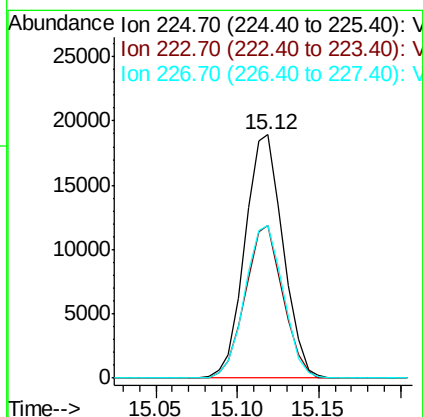
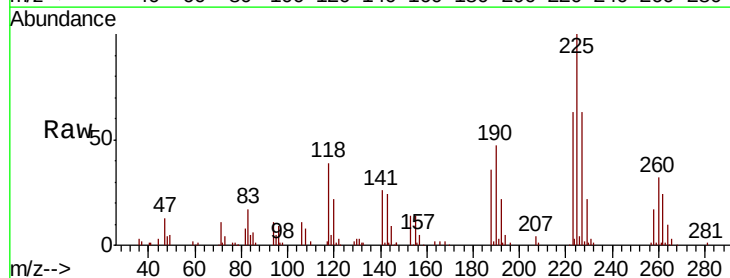
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

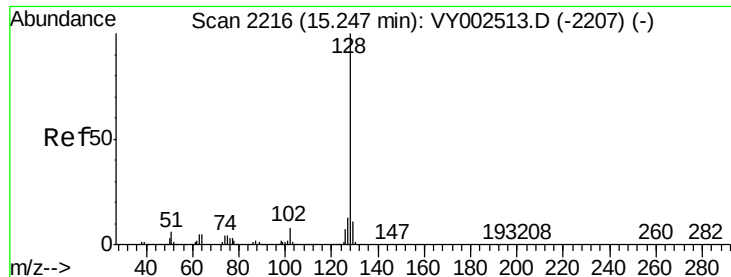
Tot Ion:180 Resp: 50029
 Ion Ratio Lower Upper
 180 100
 182 94.4 47.9 143.6
 145 28.7 14.4 43.0



#94
 Hexachlorobutadiene
 Concen: 9.872 ug/l
 RT: 15.12 min Scan# 2195
 Delta R.T. -0.00 min
 Lab File: VY002511.D
 Acq: 30 Apr 2020 14:40

Tgt Ion:225 Resp: 30740
 Ion Ratio Lower Upper
 225 100
 223 61.8 32.1 96.5
 227 63.0 32.0 96.2

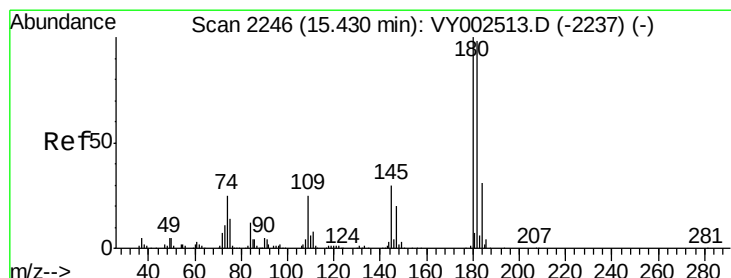
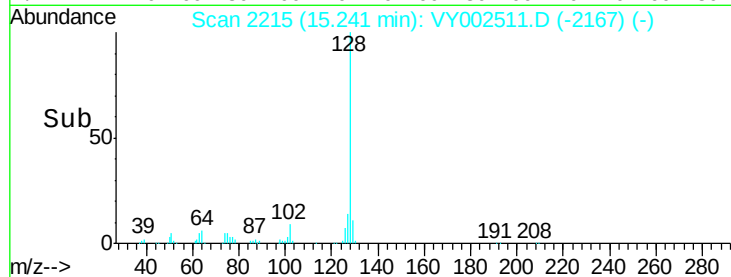
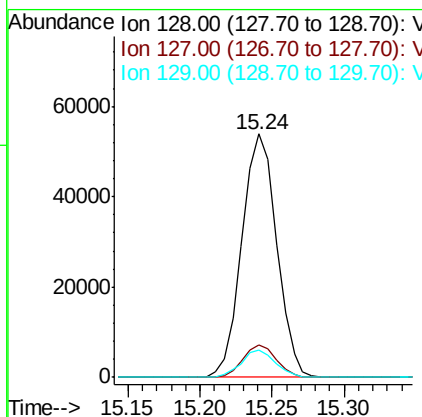
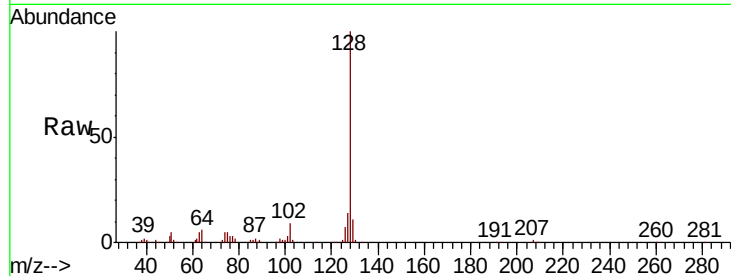




#95
Naphthalene
Concen: 9.532 ug/l
RT: 15.24 min Scan# 2215
Delta R.T. -0.01 min
Lab File: VY002511.D
Acq: 30 Apr 2020 14:40

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion:128 Resp: 90209
Ion Ratio Lower Upper
128 100
127 13.0 10.5 15.7
129 11.0 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 9.658 ug/l
RT: 15.43 min Scan# 2246
Delta R.T. -0.00 min
Lab File: VY002511.D
Acq: 30 Apr 2020 14:40

Tgt Ion:180 Resp: 42534
Ion Ratio Lower Upper
180 100
182 96.5 47.9 143.8
145 30.0 15.0 45.1

