

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY040820\
 Data File : VY002247.D
 Acq On : 08 Apr 2020 12:52
 Operator : SY/MD
 Sample : VSTDICC100
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC100

Quant Time: Apr 08 14:52:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y040820S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 08 14:44:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	162382	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	294668	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	264584	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	116141	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	174542	96.66	ug/l	0.00
Spiked Amount			Recovery	=	193.32%	
35) Dibromofluoromethane	7.74	113	176729	100.79	ug/l	0.00
Spiked Amount			Recovery	=	201.58%	
50) Toluene-d8	10.19	98	718723	97.93	ug/l	0.00
Spiked Amount			Recovery	=	195.86%	
62) 4-Bromofluorobenzene	12.48	95	235518	97.27	ug/l	0.00
Spiked Amount			Recovery	=	194.54%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	151303	92.195	ug/l	95
3) Chloromethane	2.12	50	185605	89.862	ug/l	97
4) Vinyl Chloride	2.26	62	200850	91.360	ug/l	99
5) Bromomethane	2.65	94	118077	86.975	ug/l	98
6) Chloroethane	2.80	64	117759	92.879	ug/l	98
7) Trichlorofluoromethane	3.14	101	259808	91.509	ug/l	99
8) Diethyl Ether	3.55	74	115088	95.352	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.92	101	177252	91.909	ug/l	100
10) Methyl Iodide	4.11	142	231954	103.470	ug/l	99
11) Tert butyl alcohol	4.99	59	95182	400.645	ug/l	97
12) 1,1-Dichloroethene	3.89	96	182587	93.122	ug/l	96
13) Acrolein	3.75	56	116275	499.387	ug/l	100
14) Allyl chloride	4.50	41	296040	93.499	ug/l	99
15) Acrylonitrile	5.19	53	297569	482.107	ug/l	100
16) Acetone	3.97	43	220235	463.051	ug/l	95
17) Carbon Disulfide	4.21	76	615121	94.464	ug/l	99
18) Methyl Acetate	4.50	43	139468	94.537	ug/l	99
19) Methyl tert-butyl Ether	5.25	73	494593	95.951	ug/l	100
20) Methylene Chloride	4.74	84	203300	86.965	ug/l	98
21) trans-1,2-Dichloroethene	5.24	96	204458	92.902	ug/l	99
22) Diisopropyl ether	6.14	45	578154	90.735	ug/l	98
23) Vinyl Acetate	6.08	43	1920888	473.062	ug/l	99
24) 1,1-Dichloroethane	6.04	63	339298	93.618	ug/l	98
25) 2-Butanone	7.01	43	353282	469.361	ug/l	99
26) 2,2-Dichloropropane	7.00	77	269443	88.874	ug/l	99
27) cis-1,2-Dichloroethene	7.01	96	225326	93.922	ug/l	97
28) Bromochloromethane	7.35	49	146953	93.929	ug/l	98
29) Tetrahydrofuran	7.36	42	235872	474.072	ug/l	99
30) Chloroform	7.53	83	320389	93.780	ug/l	99
31) Cyclohexane	7.80	56	332370	87.366	ug/l	100
32) 1,1,1-Trichloroethane	7.72	97	269807	94.882	ug/l	99
36) 1,1-Dichloropropene	7.93	75	268622	92.550	ug/l	99
37) Ethyl Acetate	7.10	43	153900	92.817	ug/l	99
38) Carbon Tetrachloride	7.92	117	233245	93.950	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.19	83	365728	92.631	ug/l	98
40) Benzene	8.17	78	821057	93.239	ug/l	99
41) Methacrylonitrile	7.36	41	205814	187.891	ug/l #	100
42) 1,2-Dichloroethane	8.25	62	204538	93.766	ug/l	100
43) Isopropyl Acetate	8.28	43	290948	96.212	ug/l	100
44) Trichloroethene	8.95	130	241340	93.217	ug/l	95
45) 1,2-Dichloropropane	9.23	63	204021	93.377	ug/l	100
46) Dibromomethane	9.31	93	108209	94.721	ug/l	99
47) Bromodichloromethane	9.51	83	253018	96.525	ug/l	99
48) Methyl methacrylate	9.30	41	131273	96.813	ug/l	97
49) 1,4-Dioxane	9.31	88	30804	1906.195	ug/l	100
51) 4-Methyl-2-Pentanone	10.08	43	750427	476.232	ug/l	100
52) Toluene	10.25	92	498965	94.021	ug/l	98
53) t-1,3-Dichloropropene	10.47	75	279405	97.831	ug/l	98
54) cis-1,3-Dichloropropene	9.94	75	329570	95.984	ug/l	99
55) 1,1,2-Trichloroethane	10.65	97	158963	95.043	ug/l	97
56) Ethyl methacrylate	10.52	69	234183	98.103	ug/l	98
57) 1,3-Dichloropropane	10.80	76	278420	94.707	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.79	63	599662	485.100	ug/l	100
59) 2-Hexanone	10.84	43	521733	477.069	ug/l	99
60) Dibromochloromethane	10.99	129	176892	99.187	ug/l	99
61) 1,2-Dibromoethane	11.09	107	153988	96.710	ug/l	100
64) Tetrachloroethene	10.72	164	249698	93.345	ug/l	99
65) Chlorobenzene	11.52	112	509744	92.682	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	172197	94.829	ug/l	98
67) Ethyl Benzene	11.60	91	938695	93.230	ug/l	100
68) m/p-Xylenes	11.71	106	702650	186.323	ug/l	99
69) o-Xylene	12.03	106	330343	93.304	ug/l	98
70) Styrene	12.05	104	577913	94.083	ug/l	99
71) Bromoform	12.21	173	99265	100.523	ug/l #	100
73) Isopropylbenzene	12.33	105	868520	95.189	ug/l	99
74) N-amyl acetate	12.15	43	252749	97.586	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.59	83	111138	100.677	ug/l	97
76) 1,2,3-Trichloropropane	12.64	75	242734	104.320	ug/l #	100
77) Bromobenzene	12.61	156	193797	96.542	ug/l	98
78) n-propylbenzene	12.67	91	1065611	93.905	ug/l	99
79) 2-Chlorotoluene	12.76	91	584078	94.711	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	714015	94.623	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	69897	100.803	ug/l	96
82) 4-Chlorotoluene	12.86	91	595280	92.097	ug/l	98
83) tert-Butylbenzene	13.08	119	589225	93.222	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	707228	93.857	ug/l	100
85) sec-Butylbenzene	13.26	105	866638	92.041	ug/l	100
86) p-Isopropyltoluene	13.38	119	748407	92.352	ug/l	100
87) 1,3-Dichlorobenzene	13.37	146	358686	92.198	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	363240	91.982	ug/l	99
89) n-Butylbenzene	13.70	91	755002	90.891	ug/l	100
90) Hexachloroethane	13.97	117	146287	94.730	ug/l	100
91) 1,2-Dichlorobenzene	13.74	146	331274	93.711	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	26409	98.916	ug/l	96

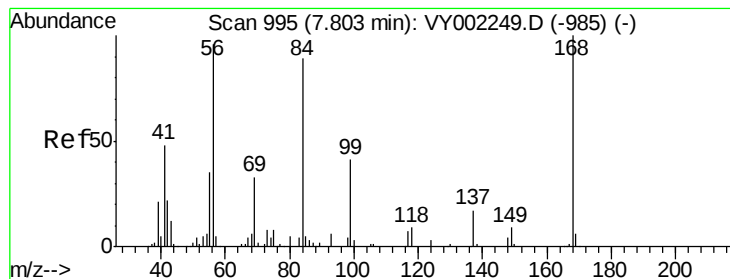
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY040820\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	208439	90.209	ug/l	99
94) Hexachlorobutadiene	15.12	225	105030	90.249	ug/l	100
95) Naphthalene	15.24	128	490659	96.984	ug/l	100
96) 1,2,3-Trichlorobenzene	15.43	180	181732	90.578	ug/l	100

(#) = 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. 0.01 min

Lab File: VY002247.D

Acq: 08 Apr 2020 12:52

Instrument :

MSVOA_Y

ClientSampleId :

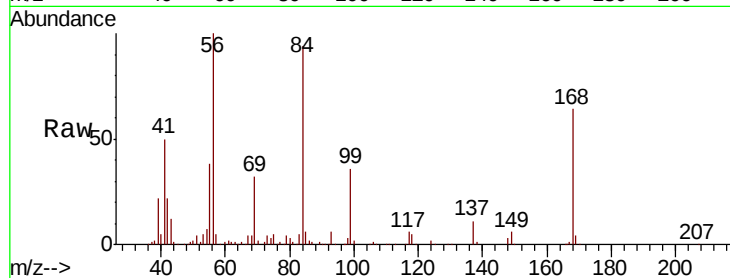
VSTDIC100

Tot Ion:168 Resp: 162382

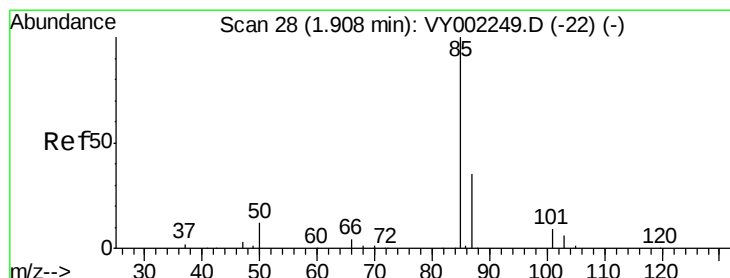
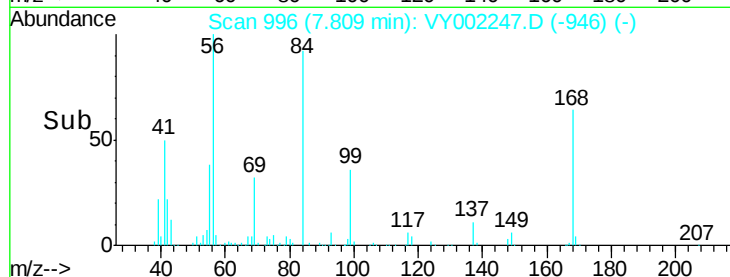
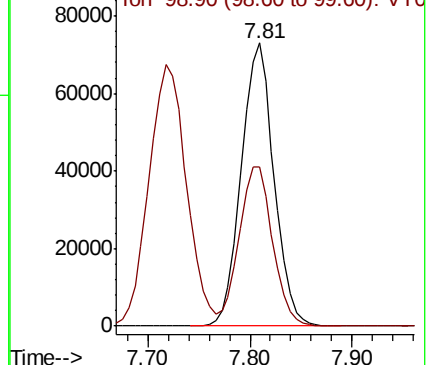
Ion Ratio Lower Upper

168 100

99 56.2 48.0 72.0



Abundance Ion 167.90 (167.60 to 168.60): VY002249.D (-985) (-)



#2

Dichlorodifluoromethane

Concen: 92.195 ug/l

RT: 1.91 min Scan# 28

Delta R.T. -0.00 min

Lab File: VY002247.D

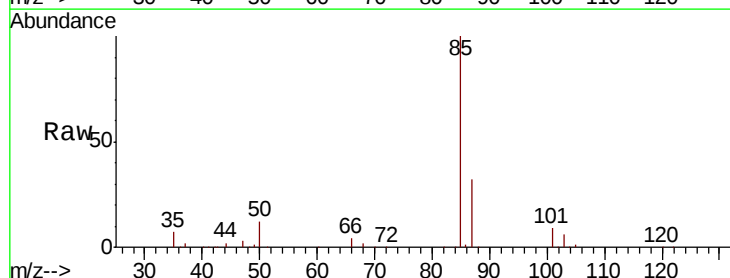
Acq: 08 Apr 2020 12:52

Tgt Ion: 85 Resp: 151303

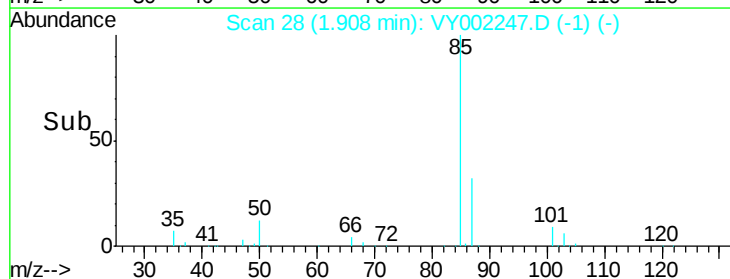
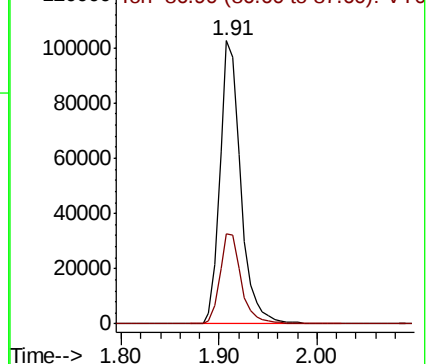
Ion Ratio Lower Upper

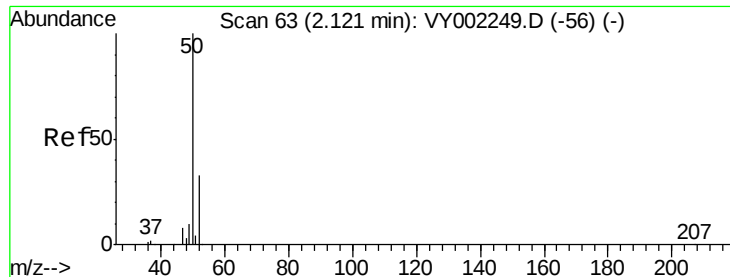
85 100

87 31.7 17.3 51.9



Abundance Ion 84.90 (84.60 to 85.60): VY002249.D (-22) (-)





#3

Chloromethane

Concen: 89.862 ug/l

RT: 2.12 min Scan# 63

Delta R.T. -0.00 min

Lab File: VY002247.D

Acq: 08 Apr 2020 12:52

Instrument :

MSVOA_Y

ClientSampleId :

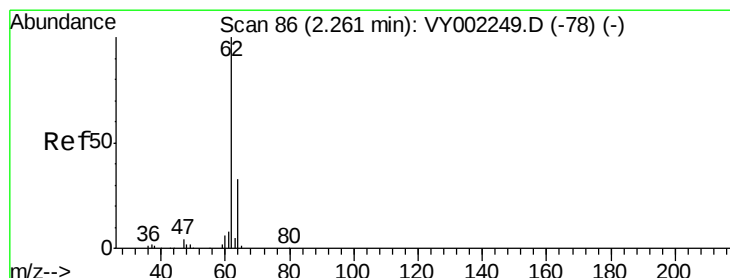
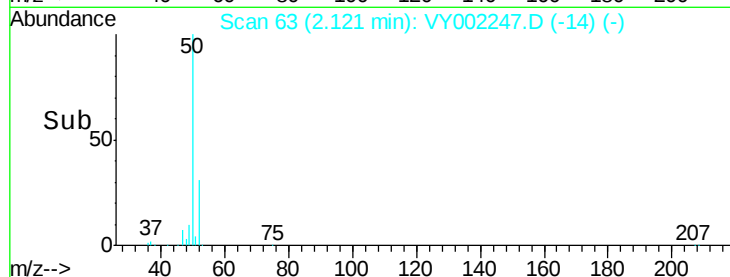
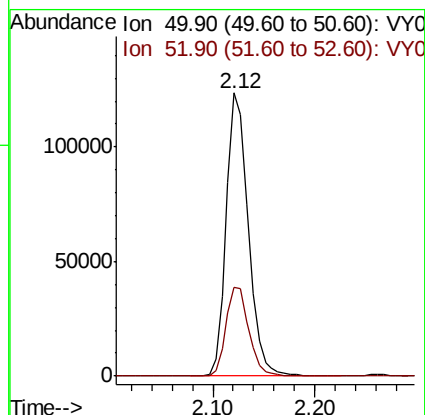
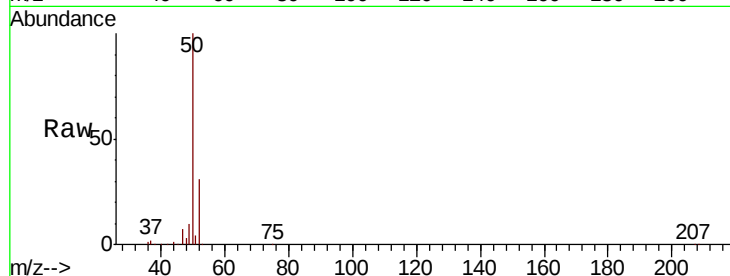
VSTDIC100

Tot Ion: 50 Resp: 185605

Ion Ratio Lower Upper

50 100

52 31.3 26.6 39.8



#4

Vinyl Chloride

Concen: 91.360 ug/l

RT: 2.26 min Scan# 86

Delta R.T. -0.00 min

Lab File: VY002247.D

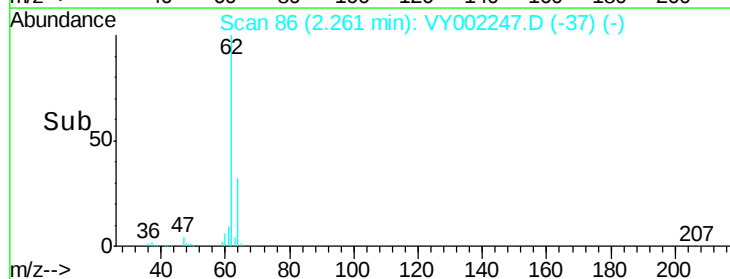
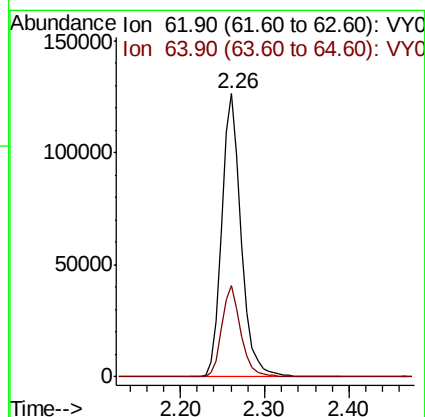
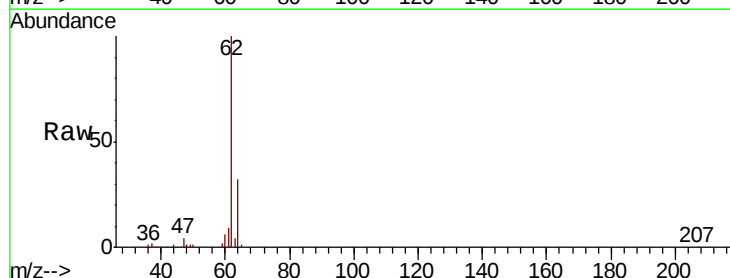
Acq: 08 Apr 2020 12:52

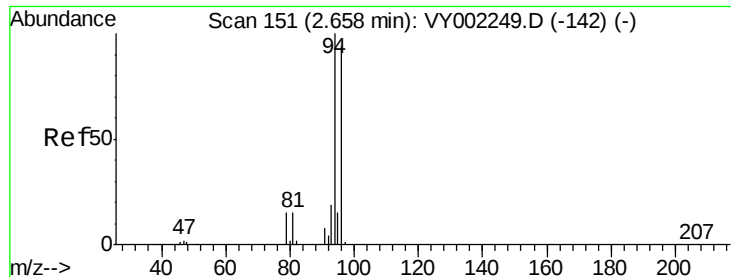
Tgt Ion: 62 Resp: 200850

Ion Ratio Lower Upper

62 100

64 32.3 26.2 39.2





#5

Bromomethane

Concen: 86.975 ug/l

RT: 2.65 min Scan# 150

Delta R.T. -0.01 min

Lab File: VY002247.D

Acq: 08 Apr 2020 12:52

Instrument :

MSVOA_Y

ClientSampleId :

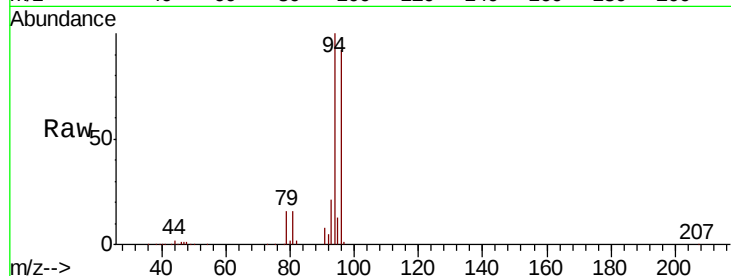
VSTDIC100

Tot Ion: 94 Resp: 118077

Ion Ratio Lower Upper

94 100

96 92.4 75.6 113.4



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0

2.65

60000

50000

40000

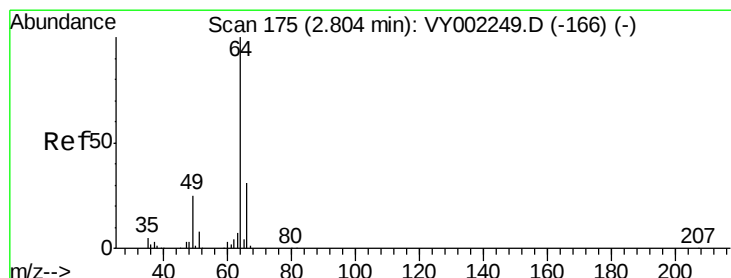
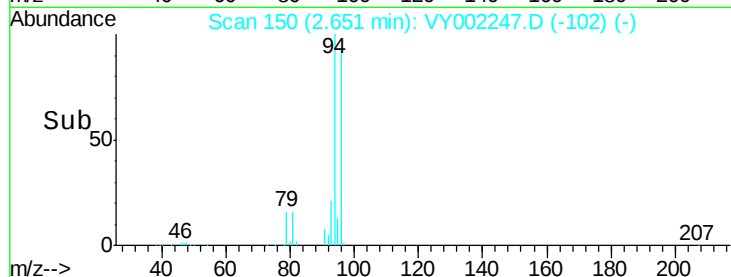
30000

20000

10000

0

Time--> 2.50 2.60 2.70 2.80



#6

Chloroethane

Concen: 92.879 ug/l

RT: 2.80 min Scan# 175

Delta R.T. -0.00 min

Lab File: VY002247.D

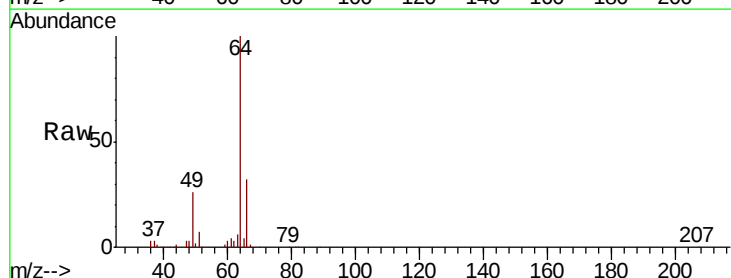
Acq: 08 Apr 2020 12:52

Tgt Ion: 64 Resp: 117759

Ion Ratio Lower Upper

64 100

66 31.9 24.6 37.0



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0

2.80

60000

50000

40000

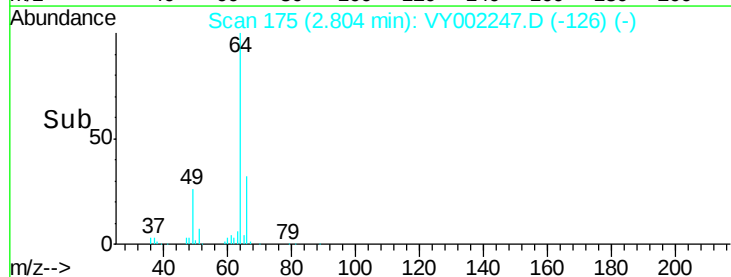
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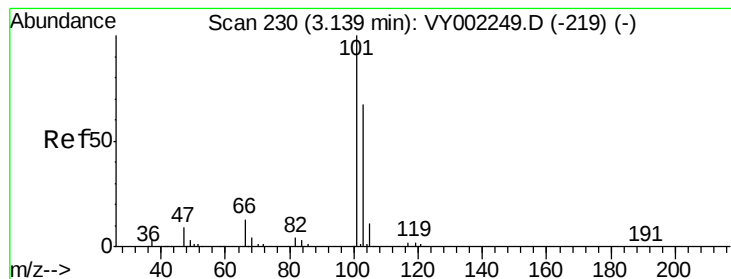
20000

10000

0

Time--> 2.70 2.80 2.90



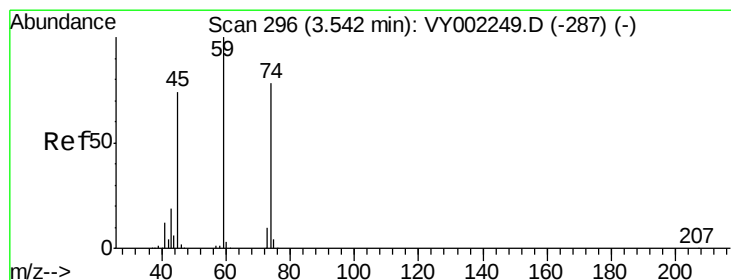
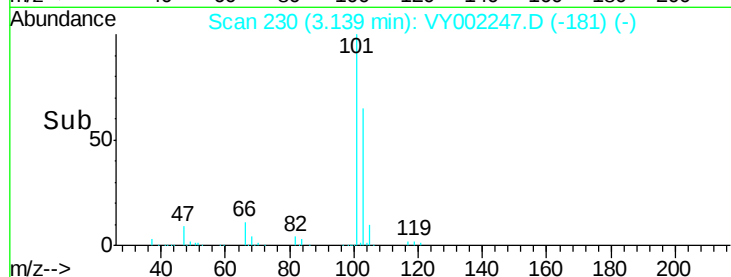
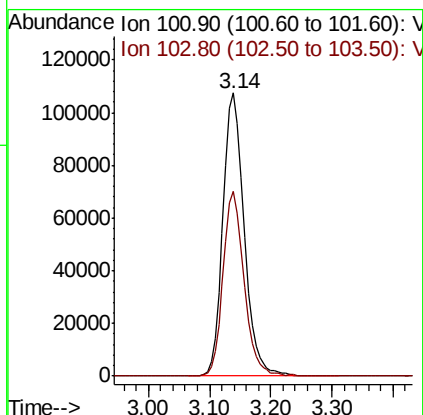
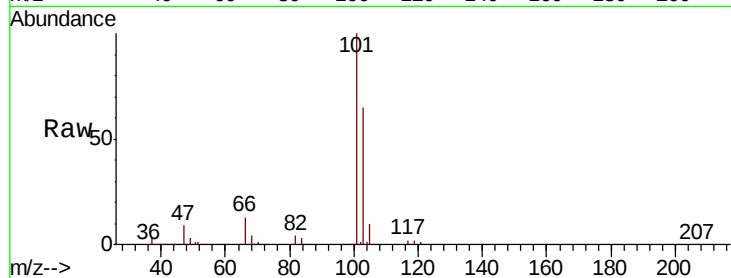


#7

Trichlorofluoromethane
 Concen: 91.509 ug/l
 RT: 3.14 min Scan# 230
 Delta R.T. -0.00 min
 Lab File: VY002247.D
 Acq: 08 Apr 2020 12:52

Instrument :
 MSVOA_Y
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 VSTDIC100

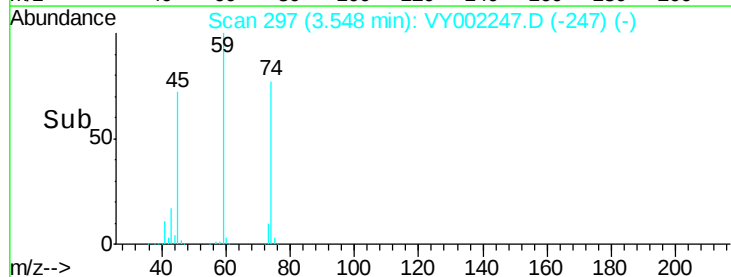
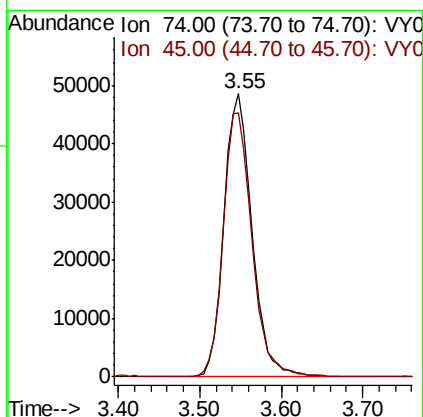
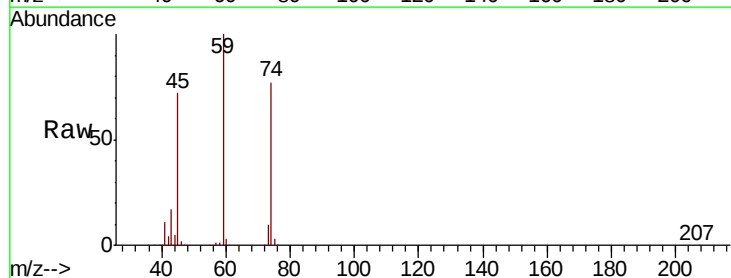
Tot Ion:101 Resp: 259808
 Ion Ratio Lower Upper
 101 100
 103 65.4 53.3 79.9

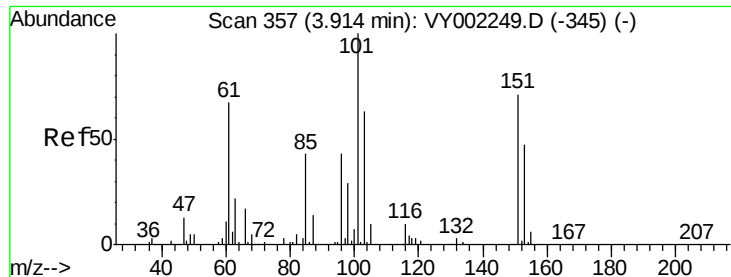


#8

Diethyl Ether
 Concen: 95.352 ug/l
 RT: 3.55 min Scan# 297
 Delta R.T. 0.01 min
 Lab File: VY002247.D
 Acq: 08 Apr 2020 12:52

Tgt Ion: 74 Resp: 115088
 Ion Ratio Lower Upper
 74 100
 45 96.4 48.0 144.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 91.909 ug/l

RT: 3.92 min Scan# 358

Delta R.T. 0.01 min

Lab File: VY002247.D

Acq: 08 Apr 2020 12:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

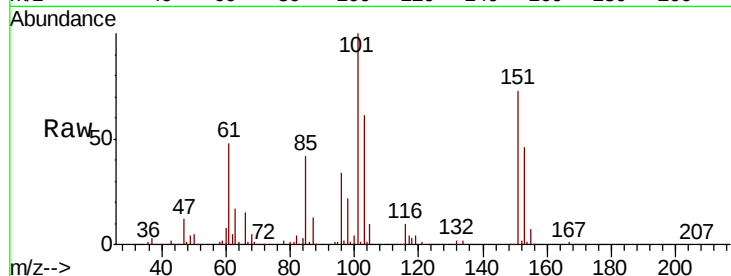
Tot Ion:101 Resp: 177252

Ion Ratio Lower Upper

101 100

85 43.2 34.6 52.0

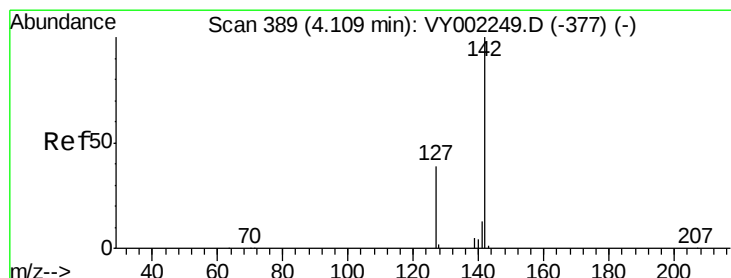
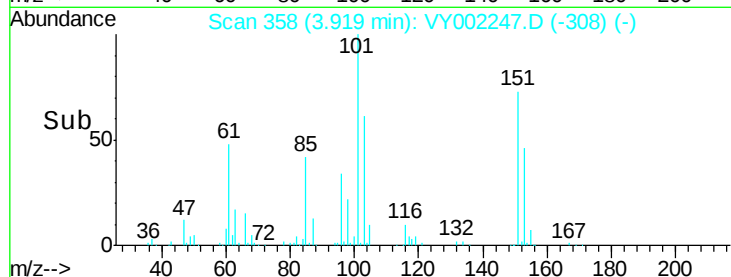
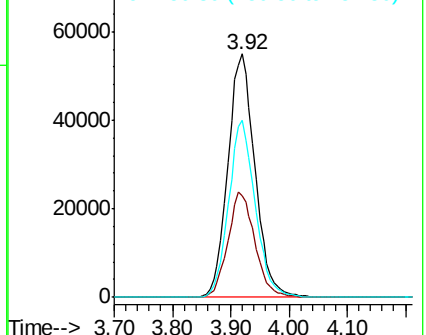
151 71.5 57.6 86.4



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: 103.470 ug/l

RT: 4.11 min Scan# 389

Delta R.T. -0.00 min

Lab File: VY002247.D

Acq: 08 Apr 2020 12:52

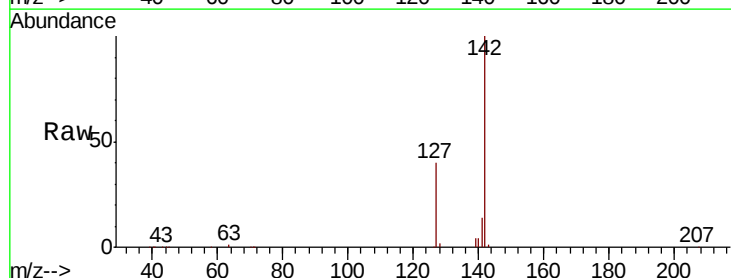
Tgt Ion:142 Resp: 231954

Ion Ratio Lower Upper

142 100

127 39.3 32.4 48.6

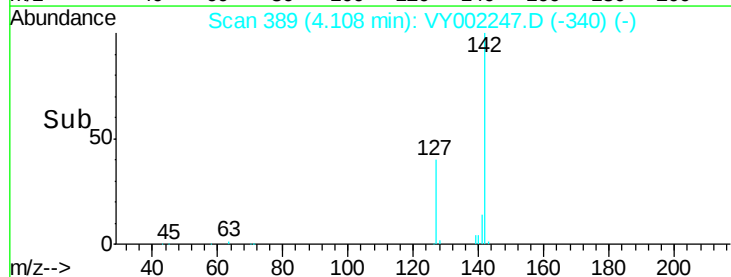
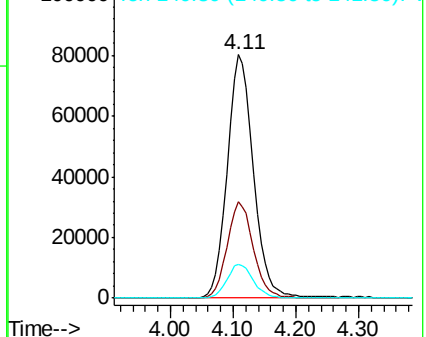
141 14.0 11.2 16.8

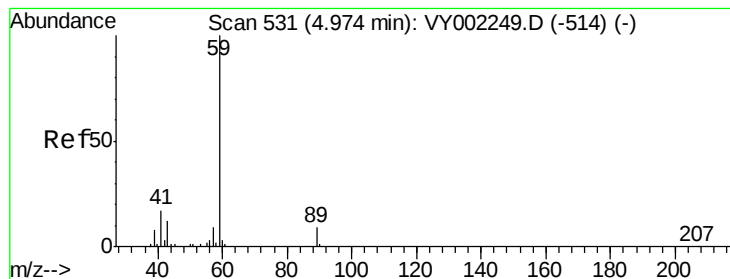


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 400.645 ug/l

RT: 4.99 min Scan# 533

Delta R.T. 0.01 min

Lab File: VY002247.D

Acq: 08 Apr 2020 12:52

Instrument :

MSVOA_Y

ClientSampleId :

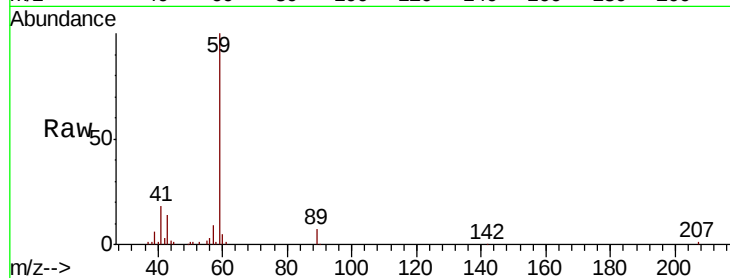
VSTDIC100

Tot Ion: 59 Resp: 95182

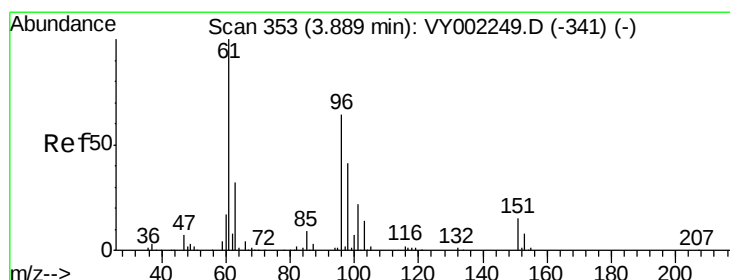
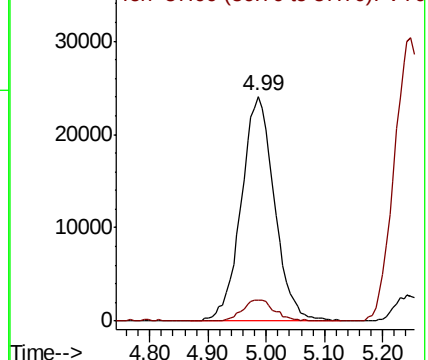
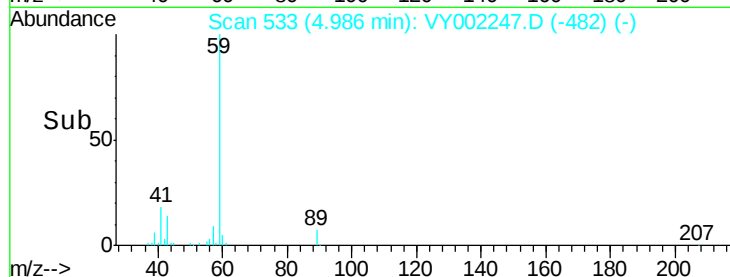
Ion Ratio Lower Upper

59 100

57 9.2 6.6 9.8



Abundance Ion 59.00 (58.70 to 59.70): VY002247.D (-482) (-)



#12

1,1-Dichloroethene

Concen: 93.122 ug/l

RT: 3.89 min Scan# 353

Delta R.T. -0.00 min

Lab File: VY002247.D

Acq: 08 Apr 2020 12:52

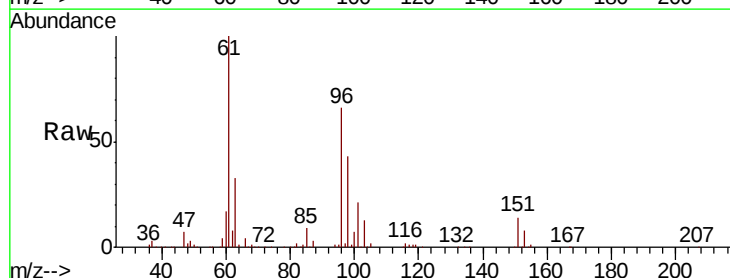
Tgt Ion: 96 Resp: 182587

Ion Ratio Lower Upper

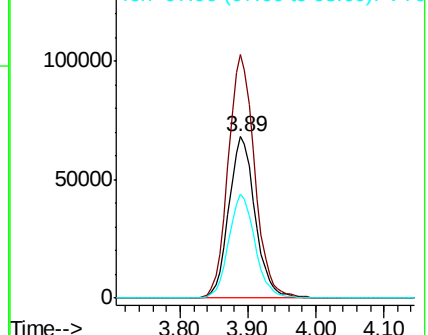
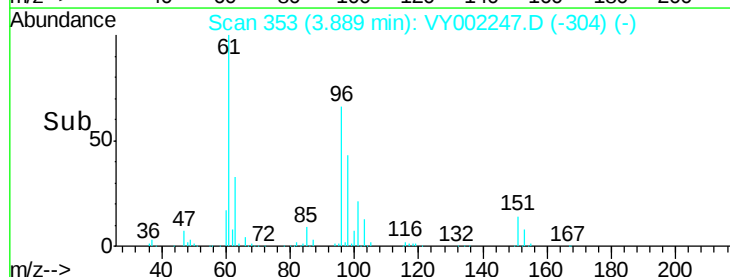
96 100

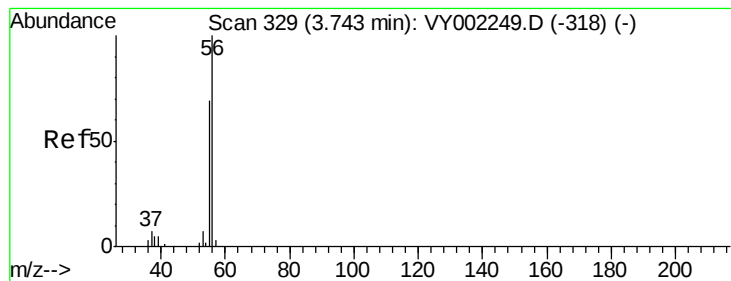
61 151.0 125.9 188.9

98 64.9 51.1 76.7



Abundance Ion 95.90 (95.60 to 96.60): VY002247.D (-304) (-)





#13

Acrolein

Concen: 499.387 ug/l

RT: 3.75 min Scan# 330

Delta R.T. 0.01 min

Lab File: VY002247.D

Acq: 08 Apr 2020 12:52

Instrument :

MSVOA_Y

ClientSampleId :

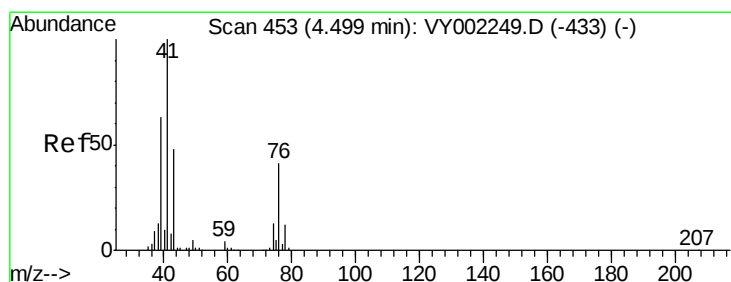
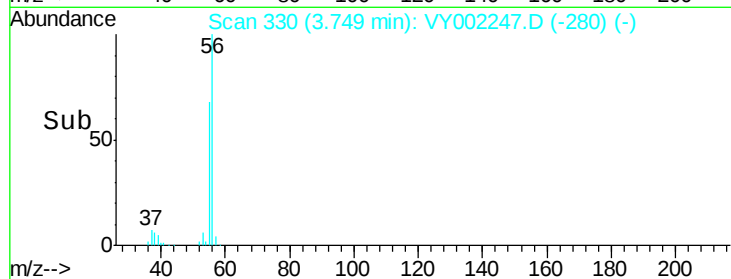
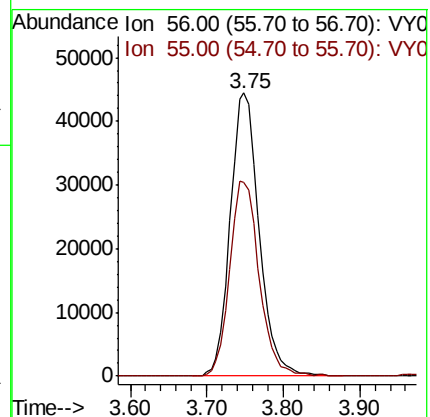
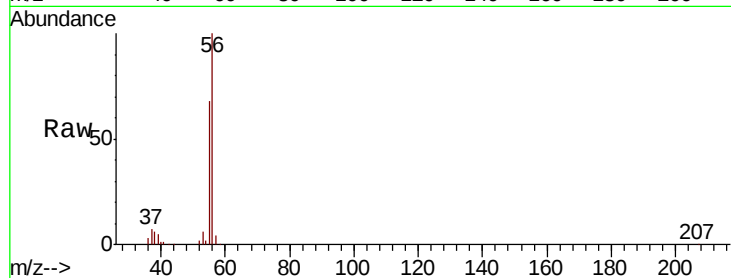
VSTDIC100

Tot Ion: 56 Resp: 116275

Ion Ratio Lower Upper

56 100

55 69.9 55.8 83.8



#14

Allyl chloride

Concen: 93.499 ug/l

RT: 4.50 min Scan# 454

Delta R.T. 0.01 min

Lab File: VY002247.D

Acq: 08 Apr 2020 12:52

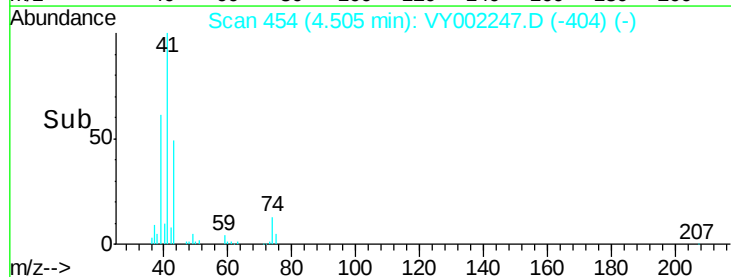
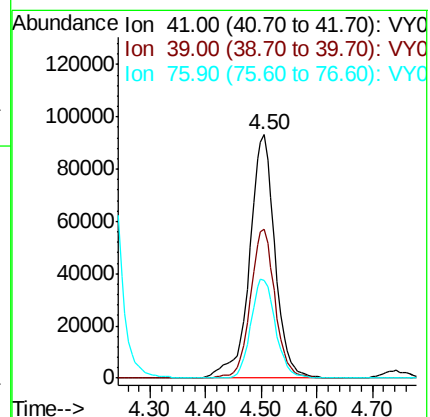
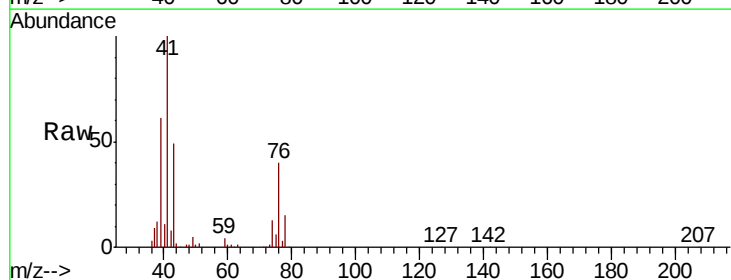
Tgt Ion: 41 Resp: 296040

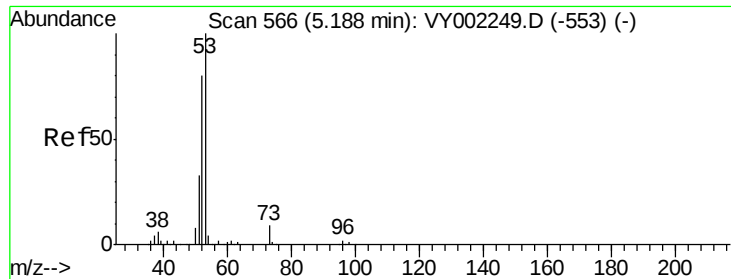
Ion Ratio Lower Upper

41 100

39 59.4 48.0 72.0

76 39.5 31.0 46.6





#15

Acrylonitrile

Concen: 482.107 ug/l

RT: 5.19 min Scan# 567

Delta R.T. 0.01 min

Lab File: VY002247.D

Acq: 08 Apr 2020 12:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

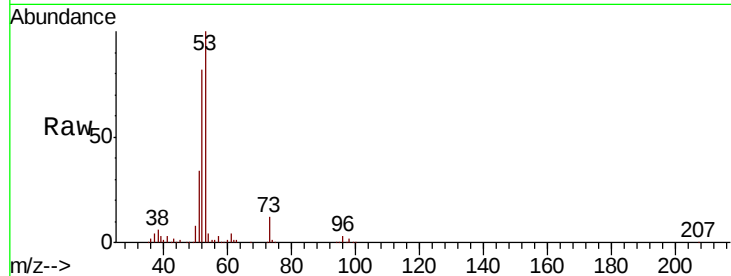
Tot Ion: 53 Resp: 297569

Ion Ratio Lower Upper

53 100

52 81.0 65.1 97.7

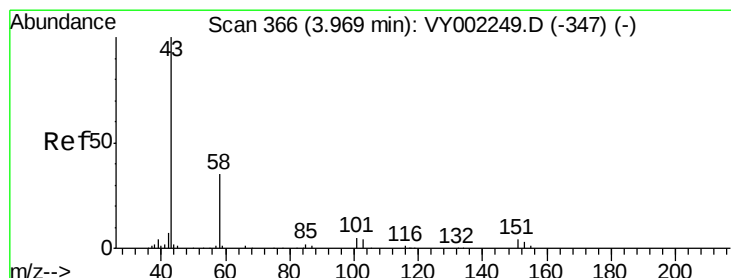
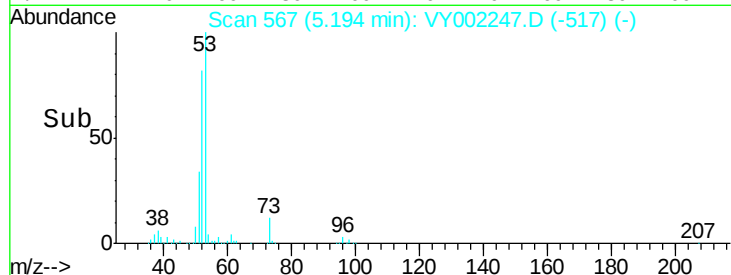
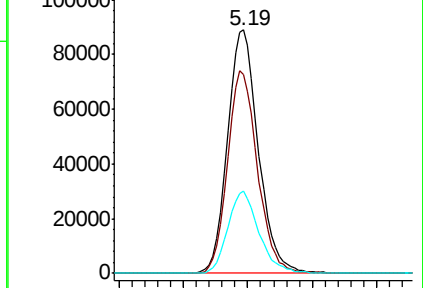
51 34.1 27.1 40.7



Abundance Ion 53.00 (52.70 to 53.70): VY0

Ion 52.00 (51.70 to 52.70): VY0

Ion 51.00 (50.70 to 51.70): VY0



#16

Acetone

Concen: 463.051 ug/l

RT: 3.97 min Scan# 366

Delta R.T. -0.00 min

Lab File: VY002247.D

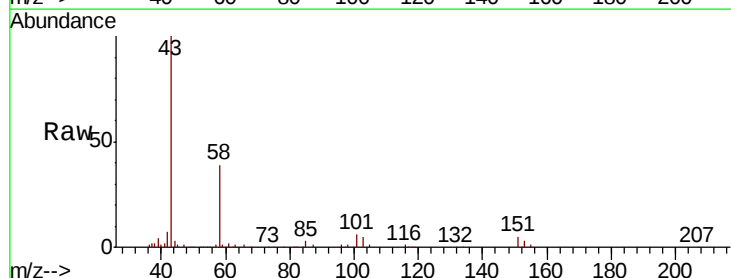
Acq: 08 Apr 2020 12:52

Tgt Ion: 43 Resp: 220235

Ion Ratio Lower Upper

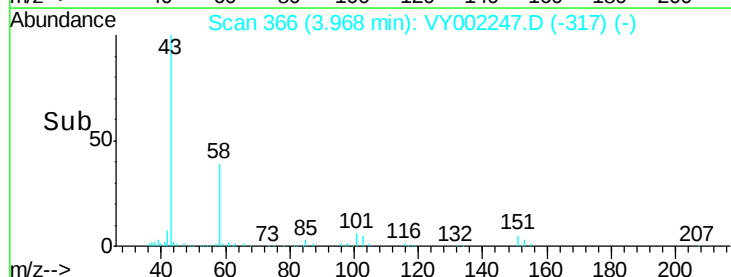
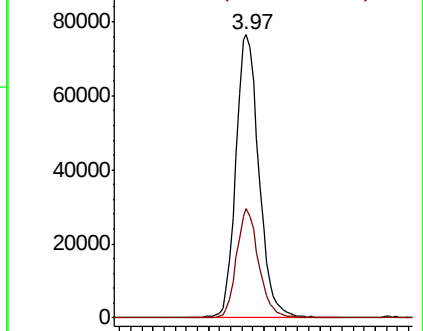
43 100

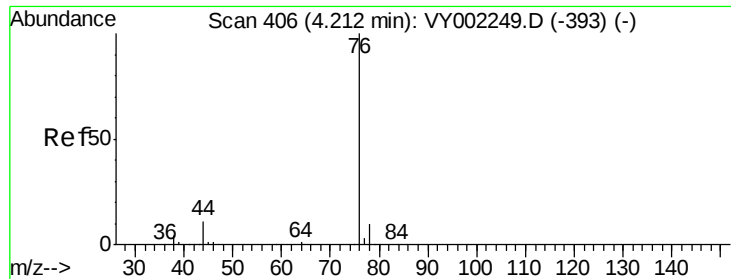
58 38.7 28.5 42.7



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

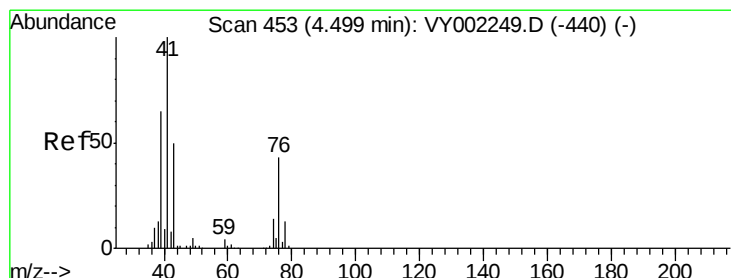
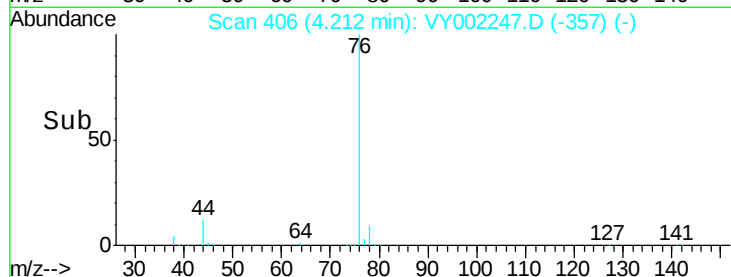
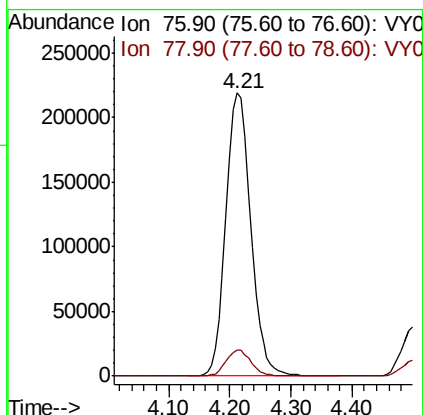
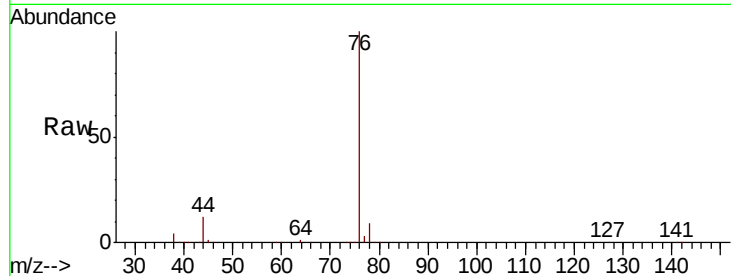




#17
Carbon Disulfide
Concen: 94.464 ug/l
RT: 4.21 min Scan# 406
Delta R.T. -0.00 min
Lab File: VY002247.D
Acq: 08 Apr 2020 12:52

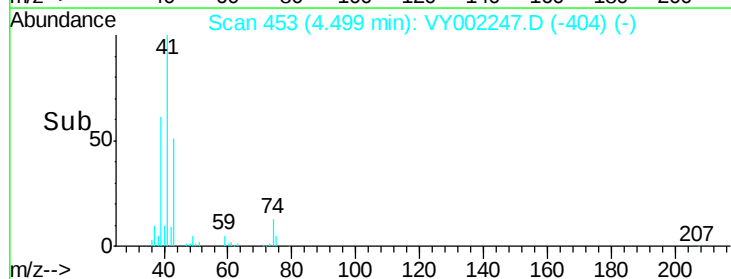
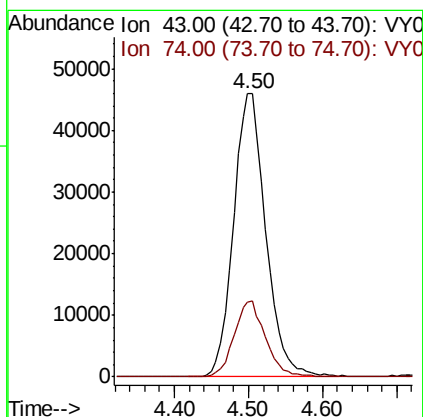
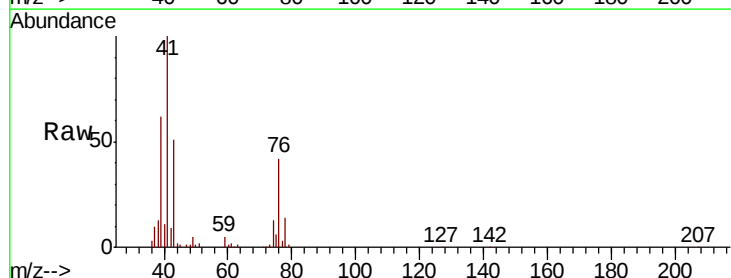
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

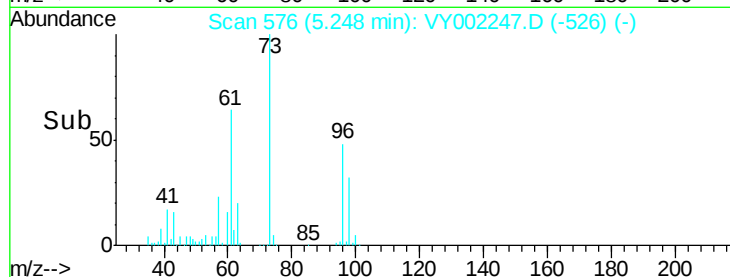
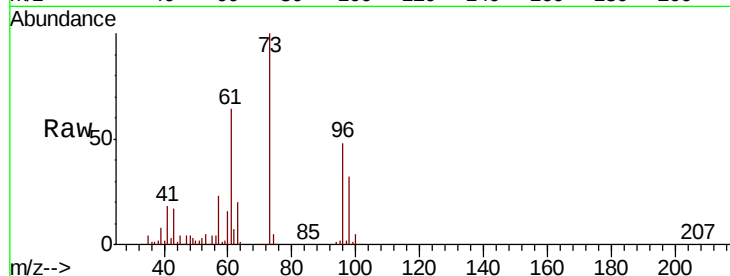
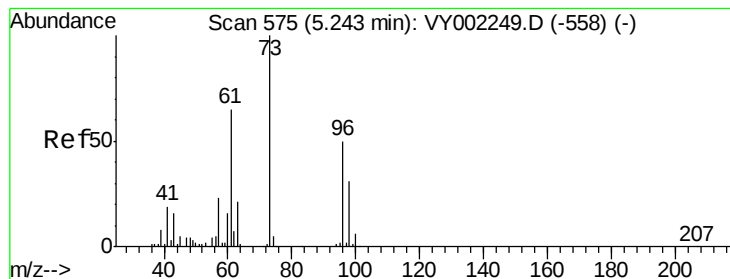
Tot Ion: 76 Resp: 615121
Ion Ratio Lower Upper
76 100
78 9.1 7.7 11.5



#18
Methyl Acetate
Concen: 94.537 ug/l
RT: 4.50 min Scan# 453
Delta R.T. -0.00 min
Lab File: VY002247.D
Acq: 08 Apr 2020 12:52

Tgt Ion: 43 Resp: 139468
Ion Ratio Lower Upper
43 100
74 26.0 20.3 30.5



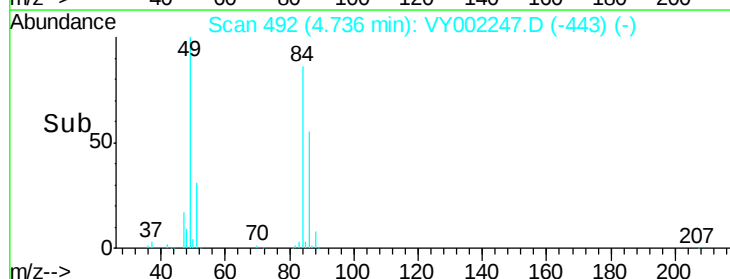
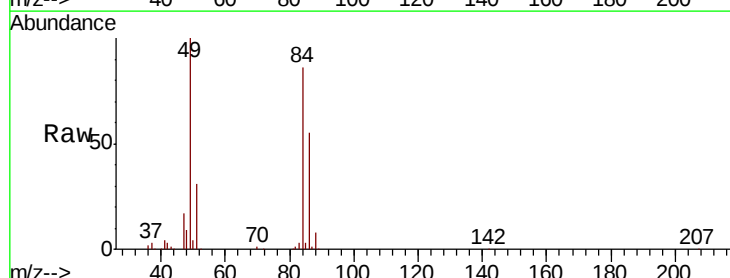
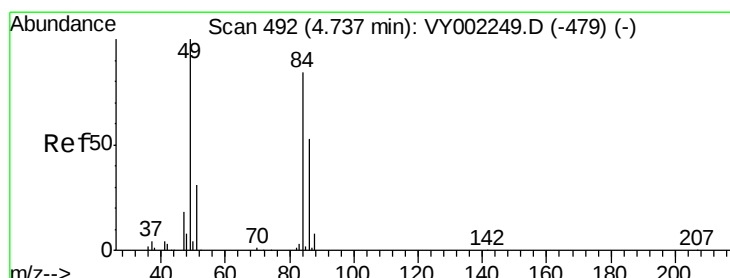
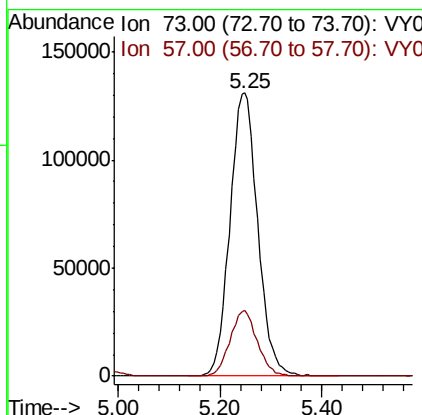


#19

Methyl tert-butyl Ether
Concen: 95.951 ug/l
RT: 5.25 min Scan# 576
Delta R.T. 0.01 min
Lab File: VY002247.D
Acq: 08 Apr 2020 12:52

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

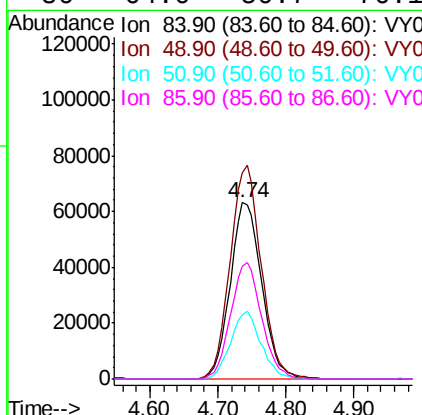
Tot Ion: 73 Resp: 494593
Ion Ratio Lower Upper
73 100
57 23.2 18.7 28.1

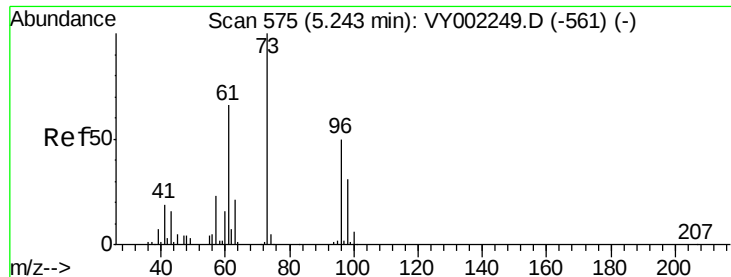


#20

Methylene Chloride
Concen: 86.965 ug/l
RT: 4.74 min Scan# 492
Delta R.T. -0.00 min
Lab File: VY002247.D
Acq: 08 Apr 2020 12:52

Tgt Ion: 84 Resp: 203300
Ion Ratio Lower Upper
84 100
49 116.5 95.5 143.3
51 36.5 29.5 44.3
86 64.0 50.7 76.1





#21

trans-1,2-Dichloroethene

Concen: 92.902 ug/l

RT: 5.24 min Scan# 575

Delta R.T. -0.00 min

Lab File: VY002247.D

Acq: 08 Apr 2020 12:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

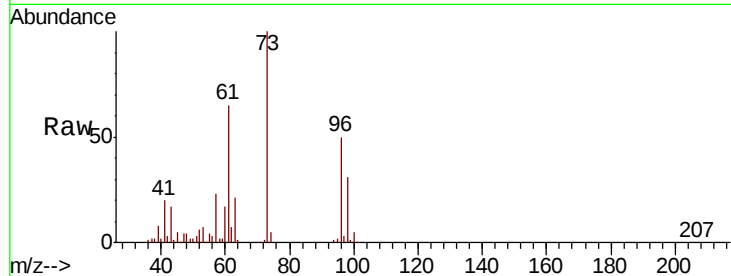
Tot Ion: 96 Resp: 204458

Ion Ratio Lower Upper

96 100

61 130.2 104.6 157.0

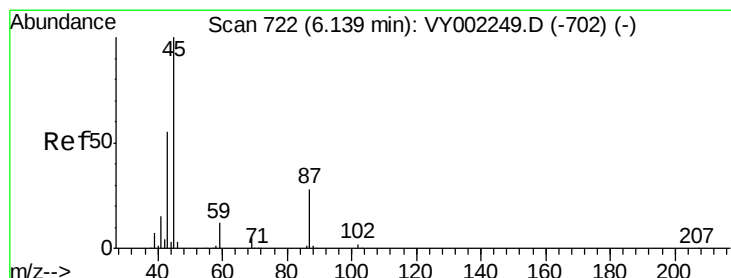
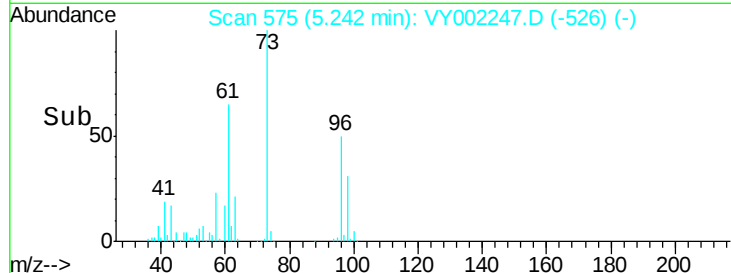
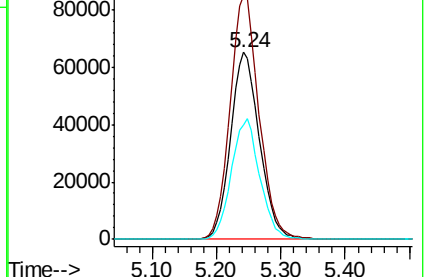
98 61.3 50.1 75.1



Abundance Ion 95.90 (95.60 to 96.60): VY002247.D (-526) (-)

Ion 60.90 (60.60 to 61.60): VY002247.D (-526) (-)

Ion 97.90 (97.60 to 98.60): VY002247.D (-526) (-)



#22

Diisopropyl ether

Concen: 90.735 ug/l

RT: 6.14 min Scan# 723

Delta R.T. 0.01 min

Lab File: VY002247.D

Acq: 08 Apr 2020 12:52

Tgt Ion: 45 Resp: 578154

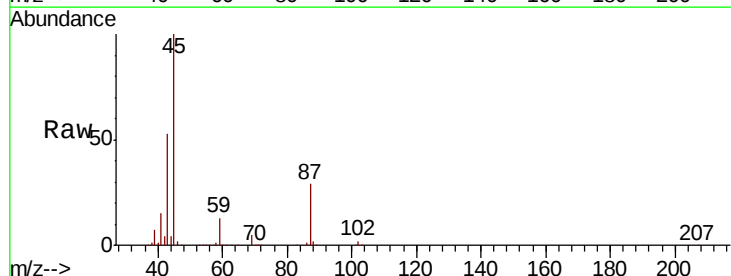
Ion Ratio Lower Upper

45 100

43 53.3 44.7 67.1

87 28.8 23.0 34.4

59 12.7 10.1 15.1

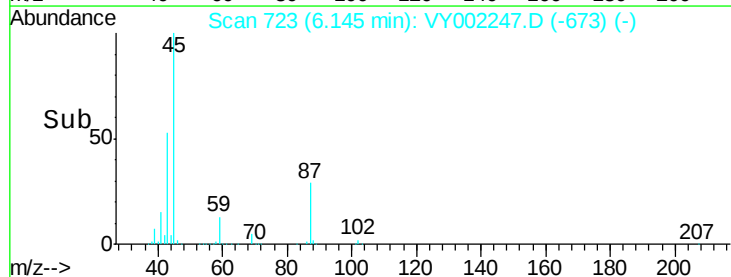
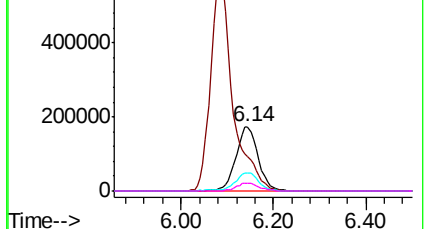


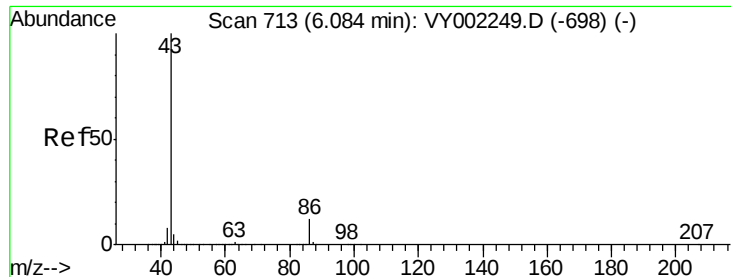
Abundance Ion 45.00 (44.70 to 45.70): VY002247.D (-673) (-)

Ion 43.00 (42.70 to 43.70): VY002247.D (-673) (-)

Ion 87.00 (86.70 to 87.70): VY002247.D (-673) (-)

Ion 59.00 (58.70 to 59.70): VY002247.D (-673) (-)





#23

Vinyl Acetate

Concen: 473.062 ug/l

RT: 6.08 min Scan# 713

Delta R.T. -0.00 min

Lab File: VY002247.D

Acq: 08 Apr 2020 12:52

Instrument :

MSVOA_Y

ClientSampleId :

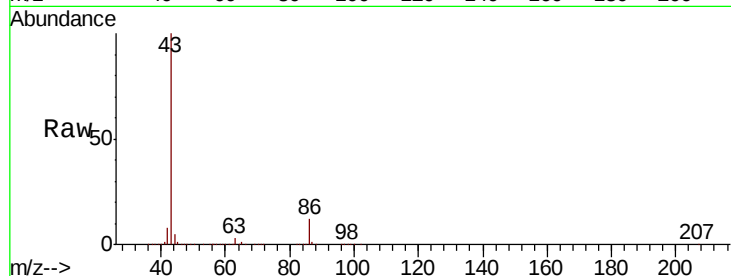
VSTDIC100

Tot Ion: 43 Resp: 1920888

Ion Ratio Lower Upper

43 100

86 11.7 9.2 13.8



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

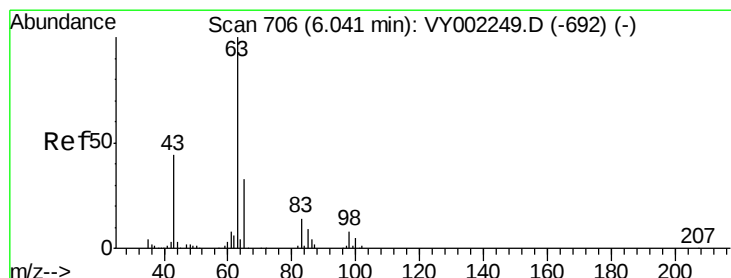
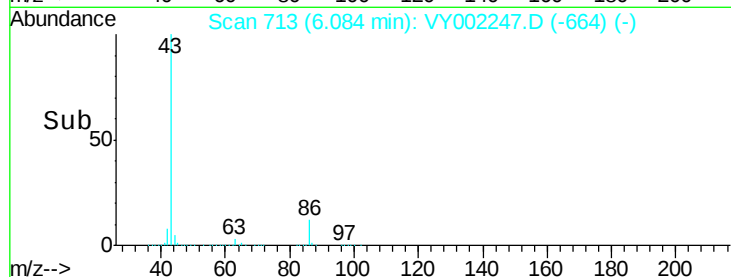
6.08

400000

200000

0

Time-->



#24

1,1-Dichloroethane

Concen: 93.618 ug/l

RT: 6.04 min Scan# 706

Delta R.T. -0.00 min

Lab File: VY002247.D

Acq: 08 Apr 2020 12:52

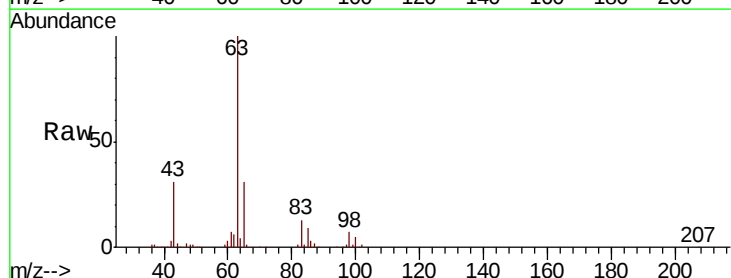
Tgt Ion: 63 Resp: 339298

Ion Ratio Lower Upper

63 100

98 7.1 4.0 12.0

100 4.8 2.4 7.1



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

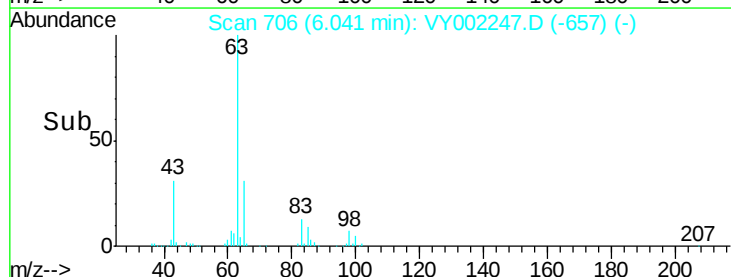
150000

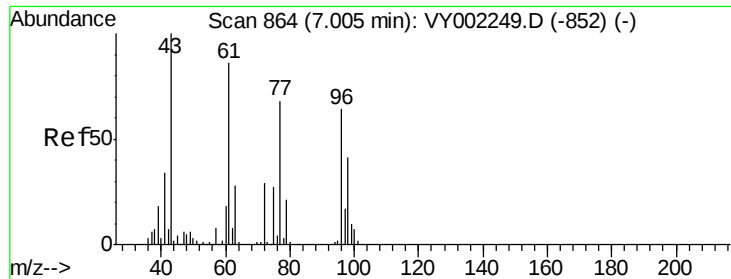
100000

50000

0

Time-->





#25

2-Butanone

Concen: 469.361 ug/l

RT: 7.01 min Scan# 865

Delta R.T. 0.01 min

Lab File: VY002247.D

Acq: 08 Apr 2020 12:52

Instrument :

MSVOA_Y

ClientSampleId :

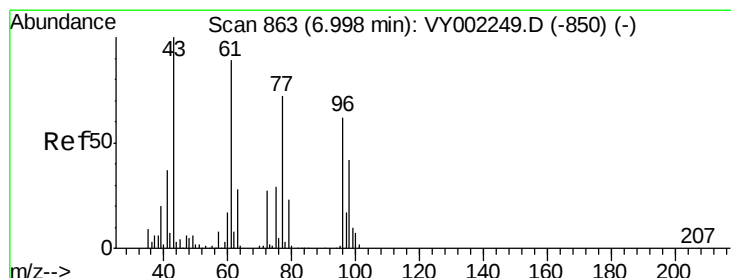
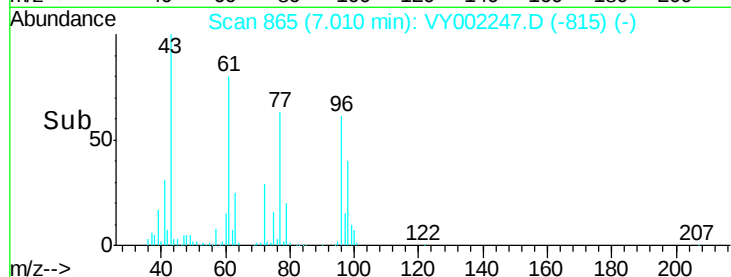
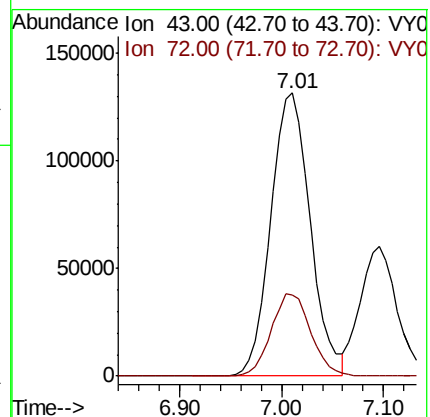
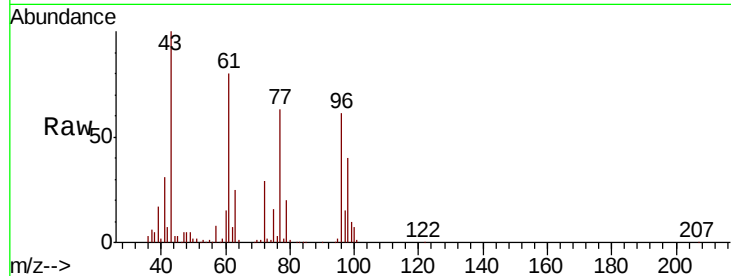
VSTDIC100

Tot Ion: 43 Resp: 353282

Ion Ratio Lower Upper

43 100

72 28.5 23.2 34.8



#26

2,2-Dichloropropane

Concen: 88.874 ug/l

RT: 7.00 min Scan# 864

Delta R.T. 0.01 min

Lab File: VY002247.D

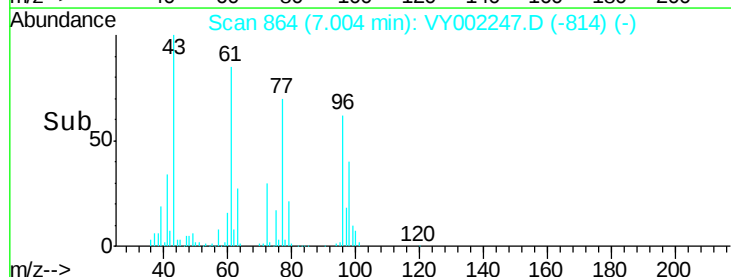
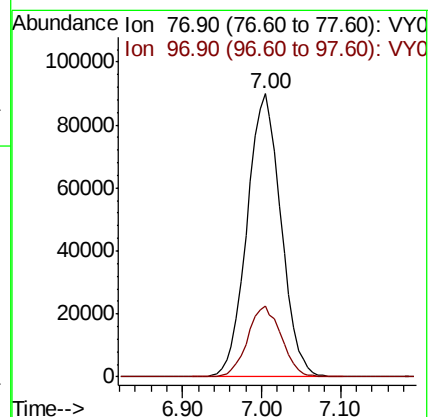
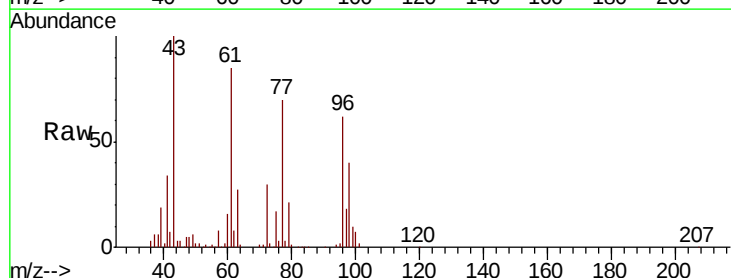
Acq: 08 Apr 2020 12:52

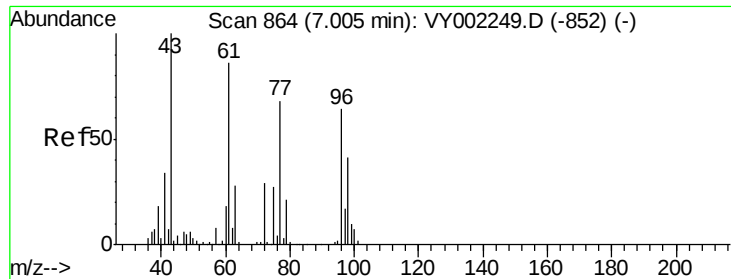
Tgt Ion: 77 Resp: 269443

Ion Ratio Lower Upper

77 100

97 24.9 12.2 36.6



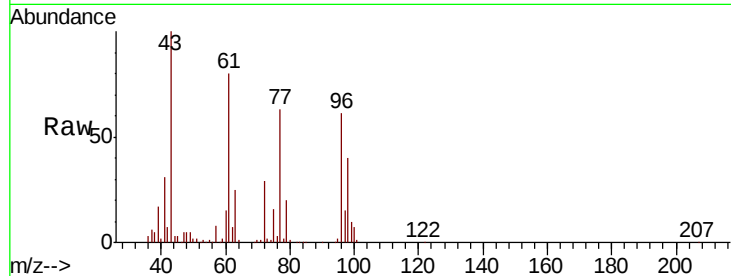


#27

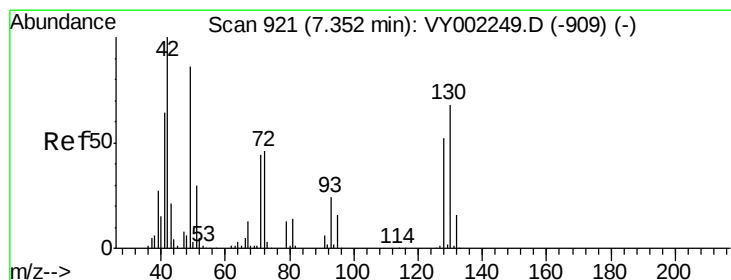
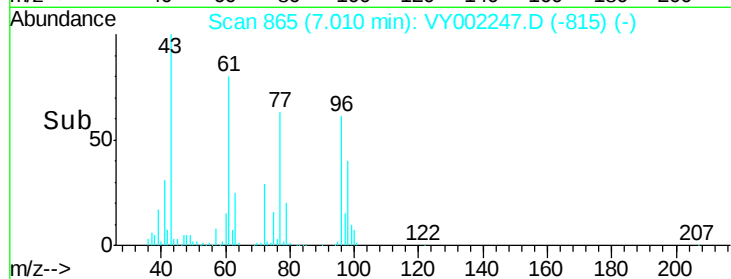
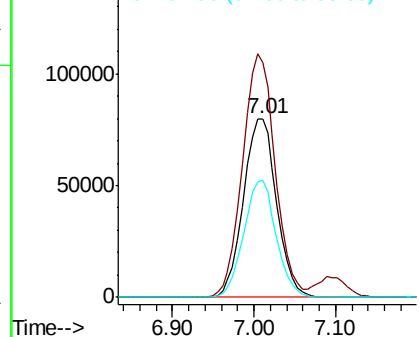
cis-1,2-Dichloroethene
 Concen: 93.922 ug/l
 RT: 7.01 min Scan# 865
 Delta R.T. 0.01 min
 Lab File: VY002247.D
 Acq: 08 Apr 2020 12:52

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

Tot Ion	96	Resp	225326
Ion	Ratio	Lower	Upper
96	100		
61	134.6	0.0	278.0
98	63.9	0.0	128.6



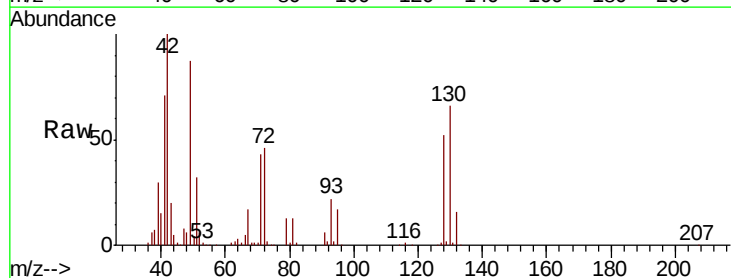
Abundance Ion 95.90 (95.60 to 96.60): VY0
 Ion 60.90 (60.60 to 61.60): VY0
 Ion 97.90 (97.60 to 98.60): VY0



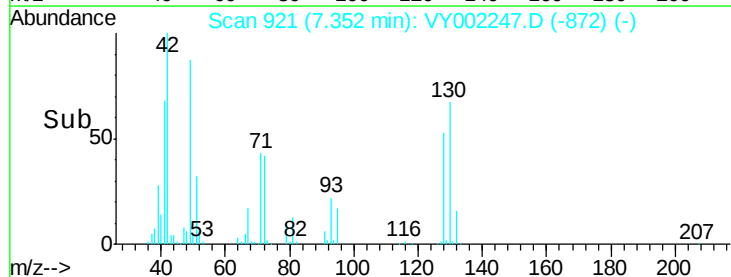
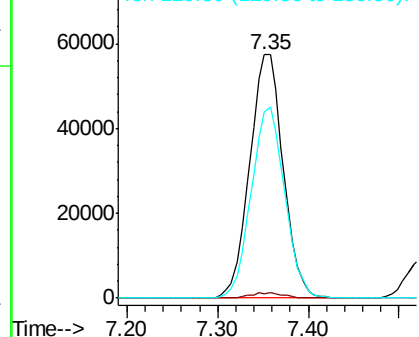
#28

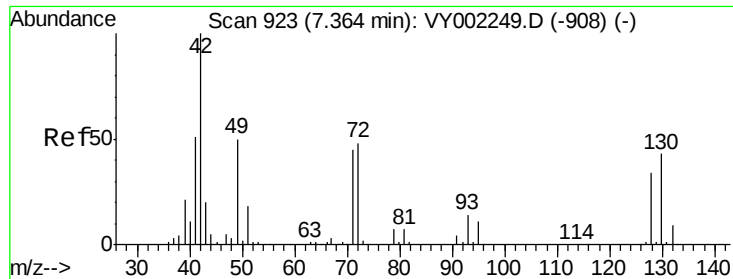
Bromochloromethane
 Concen: 93.929 ug/l
 RT: 7.35 min Scan# 921
 Delta R.T. -0.00 min
 Lab File: VY002247.D
 Acq: 08 Apr 2020 12:52

Tgt Ion	49	Resp	146953
Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.2
130	78.2	60.9	91.3



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





#29

Tetrahydrofuran

Concen: 474.072 ug/l

RT: 7.36 min Scan# 923

Delta R.T. -0.00 min

Lab File: VY002247.D

Acq: 08 Apr 2020 12:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

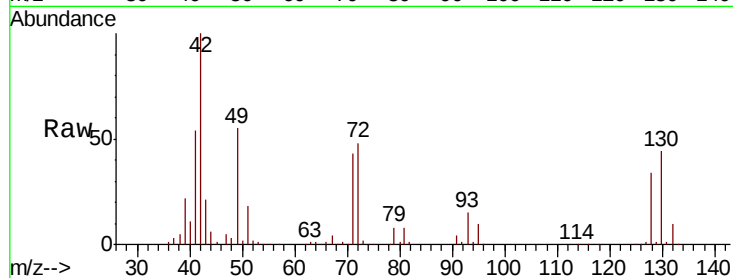
Tot Ion: 42 Resp: 235872

Ion Ratio Lower Upper

42 100

72 47.7 36.7 55.1

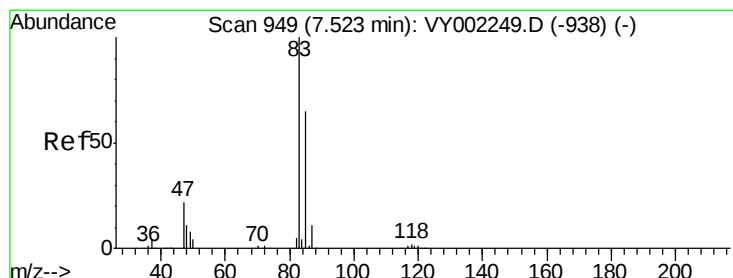
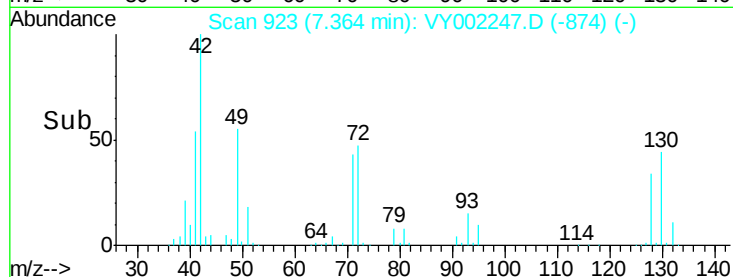
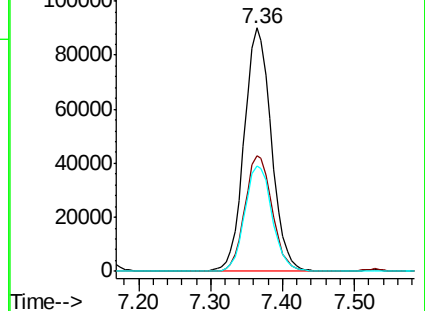
71 43.5 34.7 52.1



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: 93.780 ug/l

RT: 7.53 min Scan# 950

Delta R.T. 0.01 min

Lab File: VY002247.D

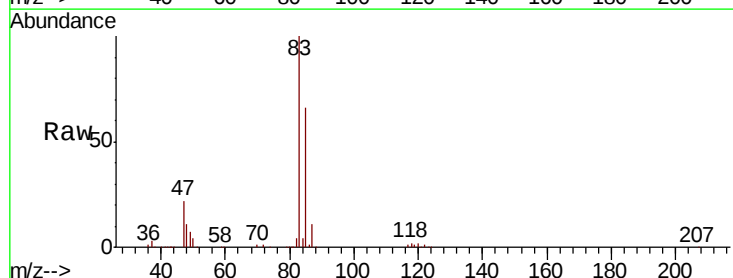
Acq: 08 Apr 2020 12:52

Tgt Ion: 83 Resp: 320389

Ion Ratio Lower Upper

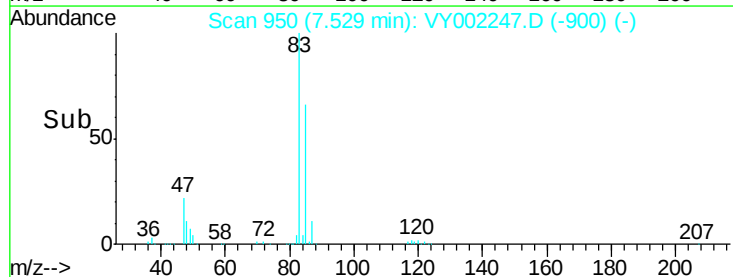
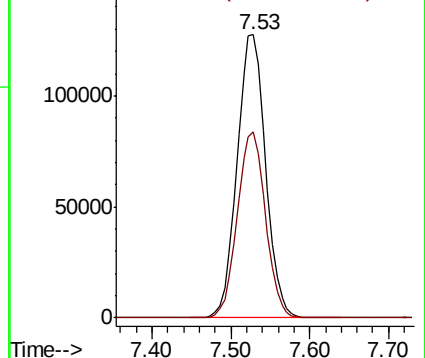
83 100

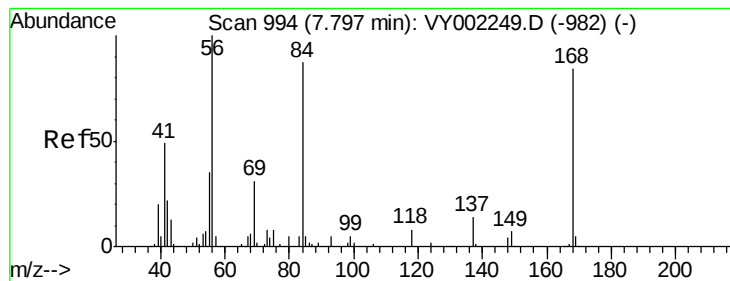
85 65.6 52.0 78.0



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0





#31

Cyclohexane

Concen: 87.366 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.00 min

Lab File: VY002247.D

Acq: 08 Apr 2020 12:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

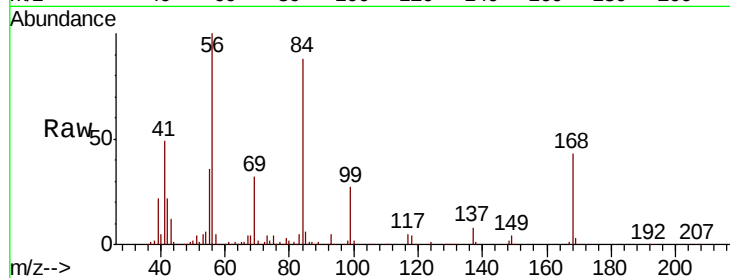
Tot Ion: 56 Resp: 332370

Ion Ratio Lower Upper

56 100

69 31.9 25.0 37.6

84 87.1 69.7 104.5

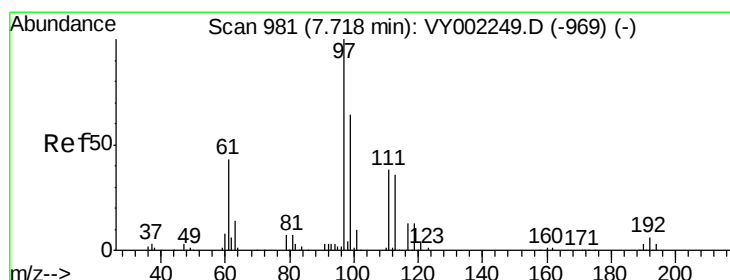
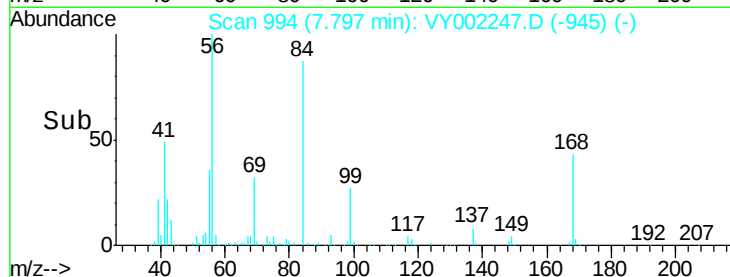
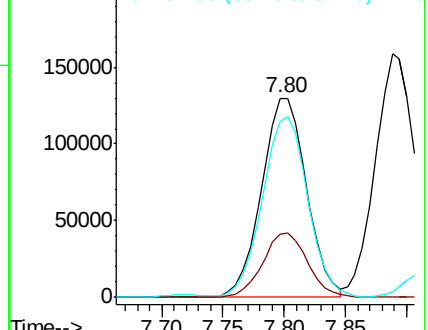


Abundance

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: 94.882 ug/l

RT: 7.72 min Scan# 981

Delta R.T. -0.00 min

Lab File: VY002247.D

Acq: 08 Apr 2020 12:52

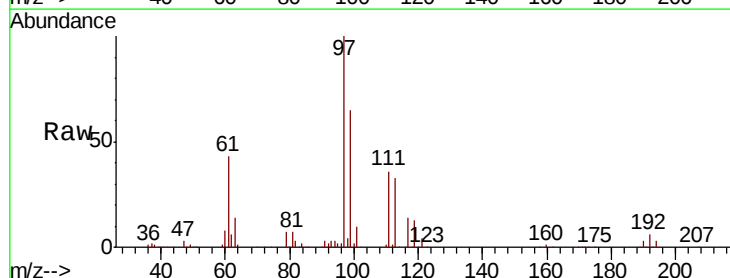
Tgt Ion: 97 Resp: 269807

Ion Ratio Lower Upper

97 100

99 64.0 51.3 76.9

61 41.8 34.3 51.5

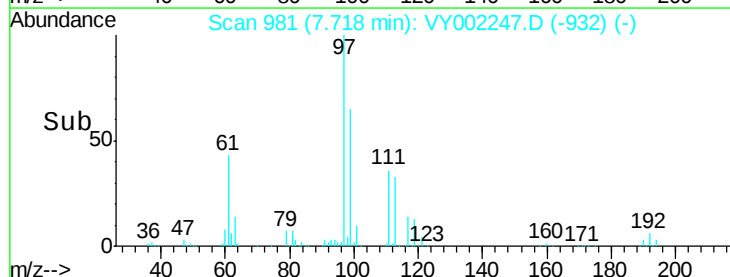
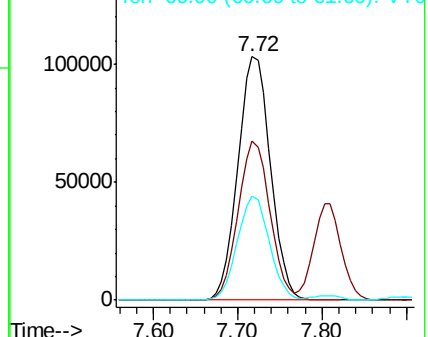


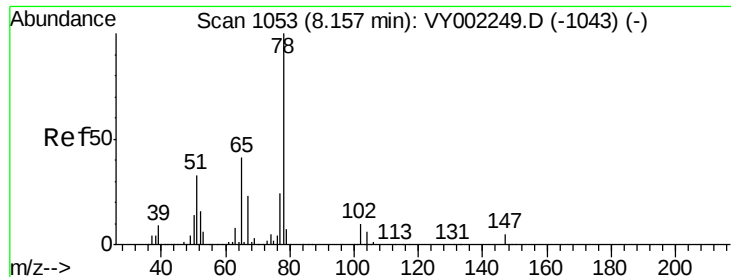
Abundance

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: 96.656 ug/l

RT: 8.16 min Scan# 1053

Delta R.T. -0.00 min

Lab File: VY002247.D

Acq: 08 Apr 2020 12:52

Instrument :

MSVOA_Y

ClientSampleId :

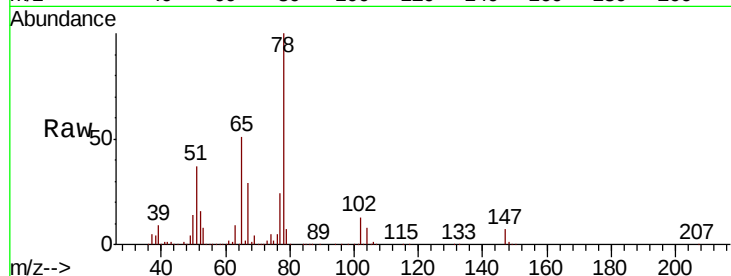
VSTDICC100

Tot Ion: 65 Resp: 174542

Ion Ratio Lower Upper

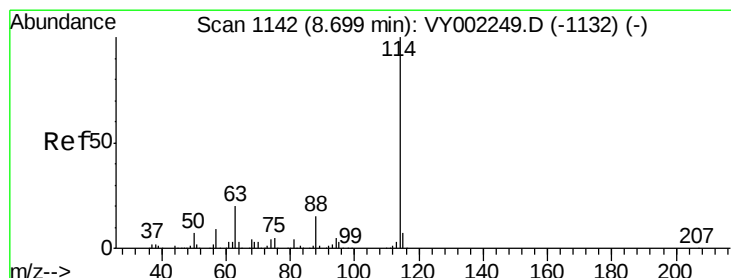
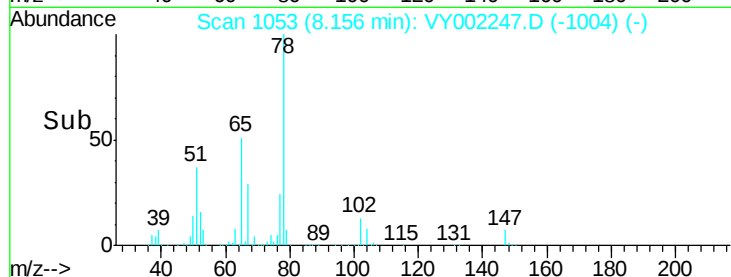
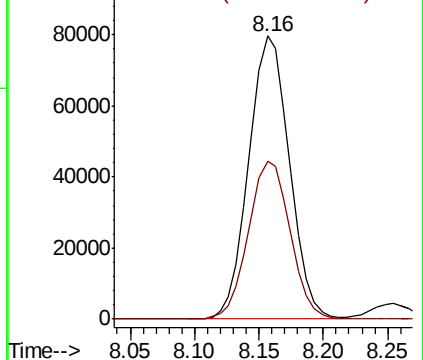
65 100

67 57.2 0.0 114.0



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1143

Delta R.T. 0.01 min

Lab File: VY002247.D

Acq: 08 Apr 2020 12:52

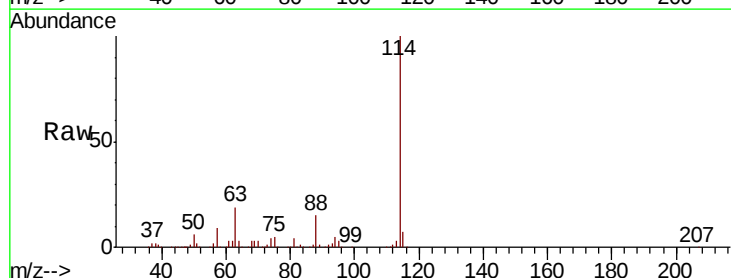
Tgt Ion: 114 Resp: 294668

Ion Ratio Lower Upper

114 100

63 18.8 0.0 39.0

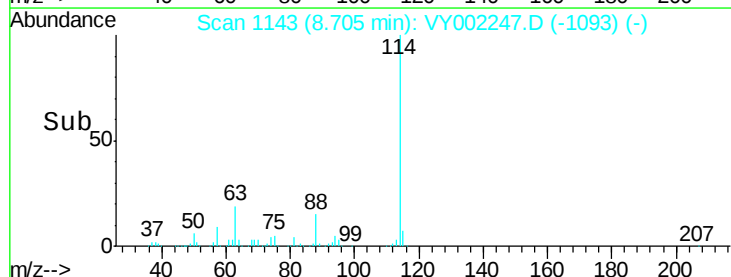
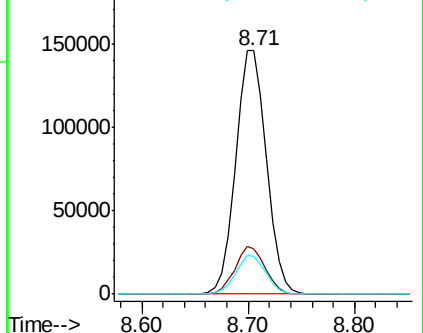
88 15.3 0.0 31.0

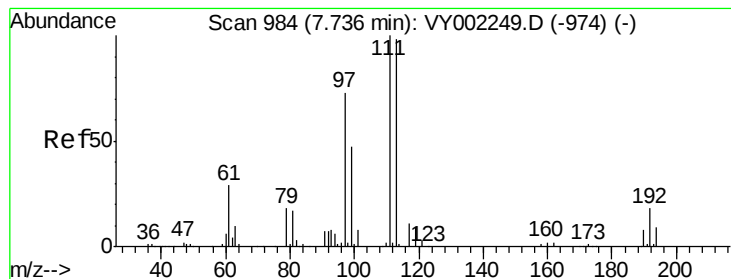


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0





#35

Dibromofluoromethane

Concen: 100.794 ug/l

RT: 7.74 min Scan# 984

Delta R.T. -0.00 min

Lab File: VY002247.D

Acq: 08 Apr 2020 12:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

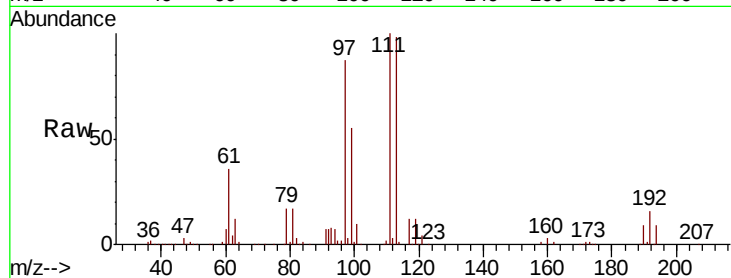
Tot Ion:113 Resp: 176729

Ion Ratio Lower Upper

113 100

111 101.5 83.5 125.3

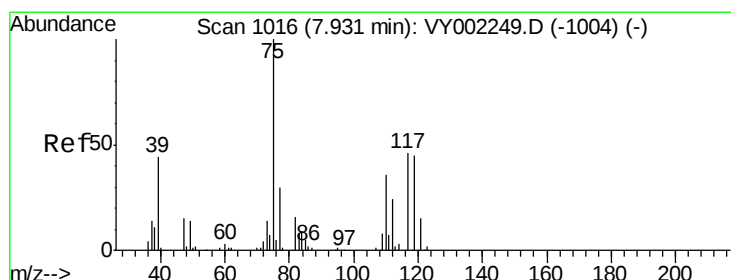
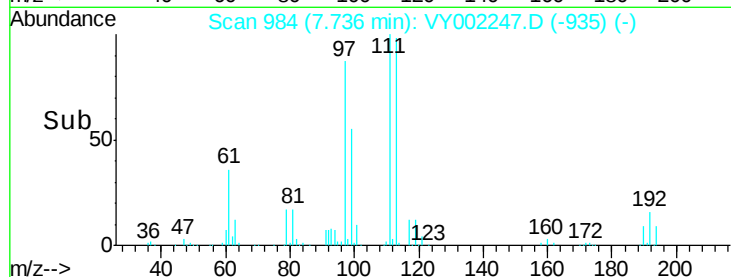
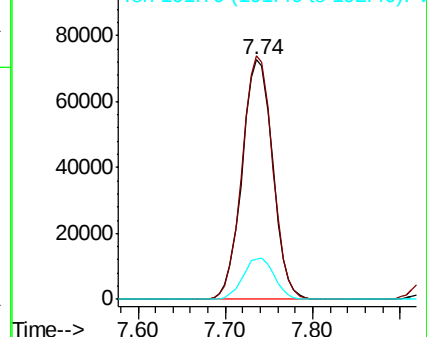
192 17.6 14.7 22.1



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: 92.550 ug/l

RT: 7.93 min Scan# 1016

Delta R.T. -0.00 min

Lab File: VY002247.D

Acq: 08 Apr 2020 12:52

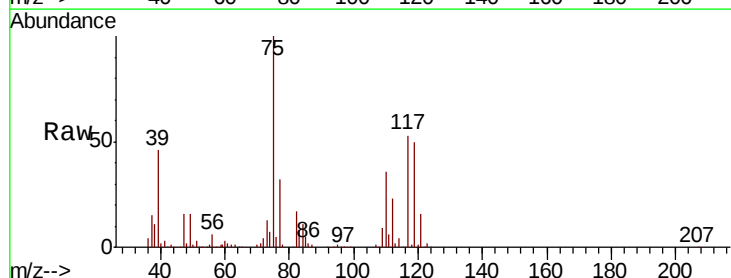
Tgt Ion: 75 Resp: 268622

Ion Ratio Lower Upper

75 100

110 36.1 17.8 53.3

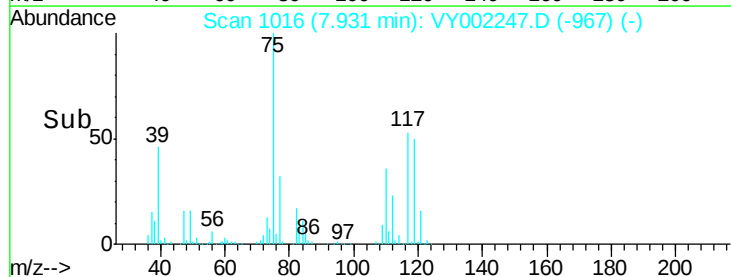
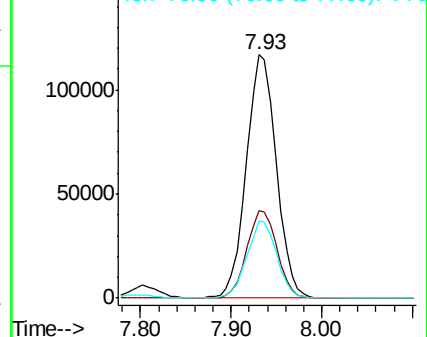
77 31.5 24.4 36.6

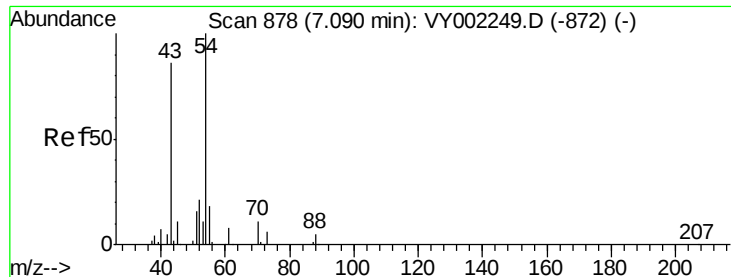


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

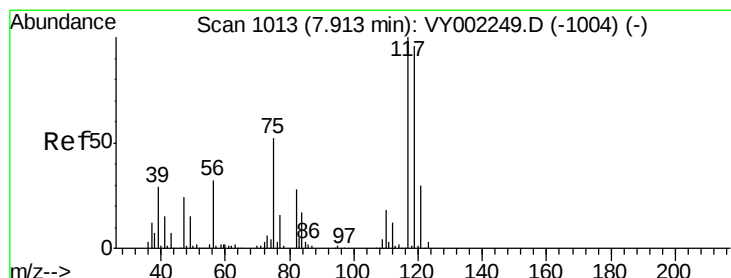
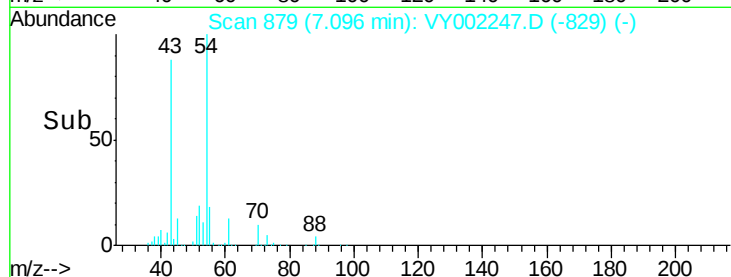
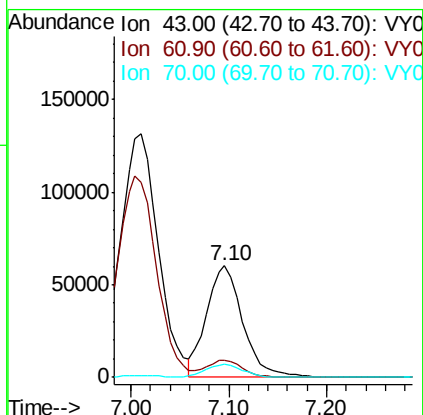
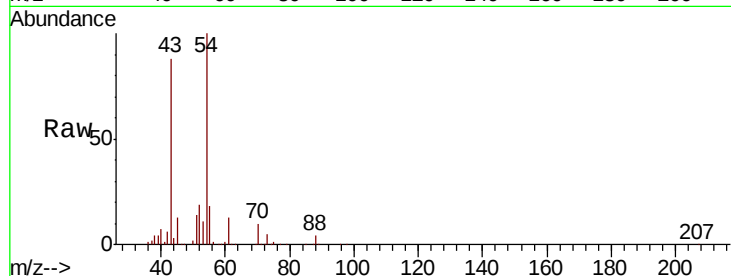




#37
Ethyl Acetate
Concen: 92.817 ug/l
RT: 7.10 min Scan# 879
Delta R.T. 0.01 min
Lab File: VY002247.D
Acq: 08 Apr 2020 12:52

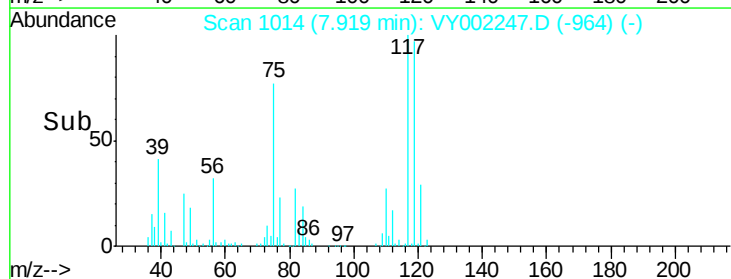
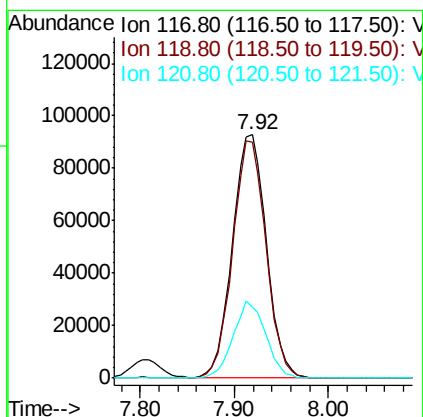
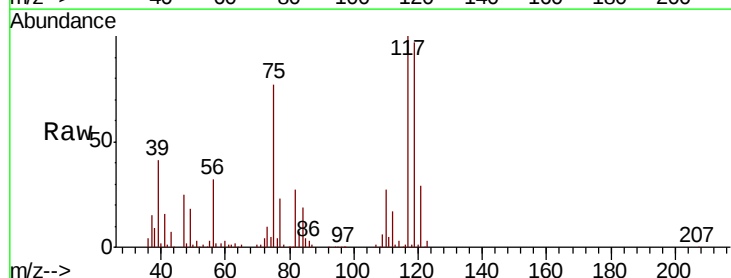
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

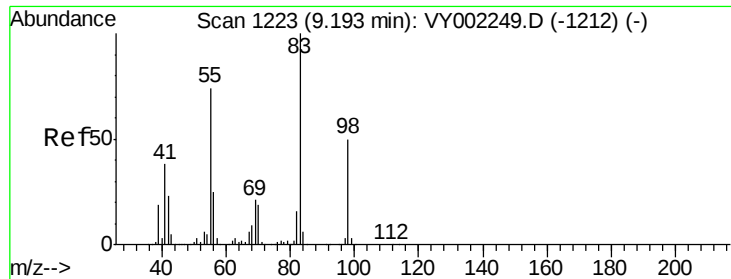
Tot Ion: 43 Resp: 153900
Ion Ratio Lower Upper
43 100
61 15.4 11.8 17.6
70 11.7 9.1 13.7



#38
Carbon Tetrachloride
Concen: 93.950 ug/l
RT: 7.92 min Scan# 1014
Delta R.T. 0.01 min
Lab File: VY002247.D
Acq: 08 Apr 2020 12:52

Tgt Ion: 117 Resp: 233245
Ion Ratio Lower Upper
117 100
119 97.1 77.1 115.7
121 29.3 23.9 35.9

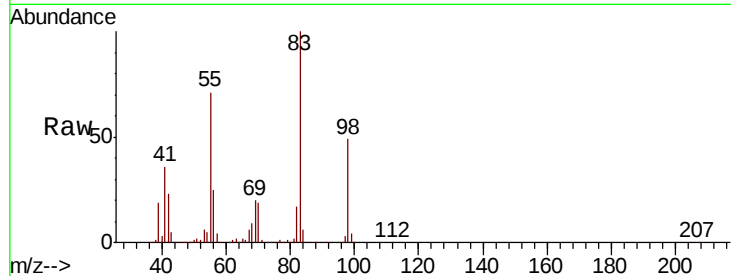




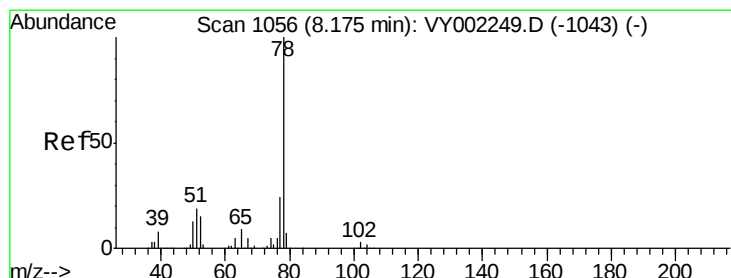
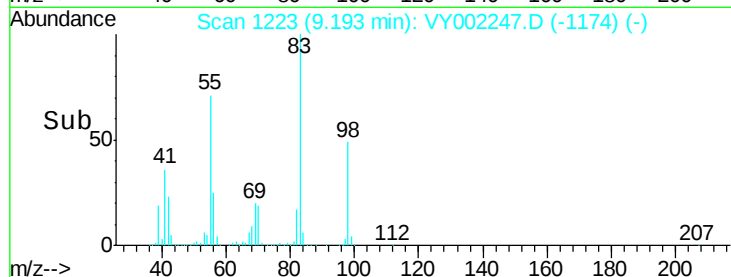
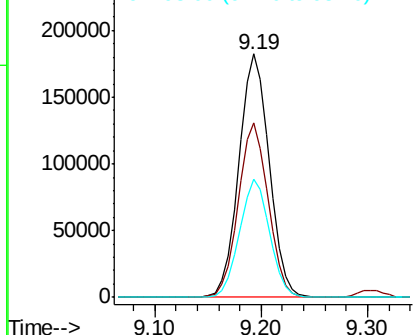
#39
Methvlcvclohexane
Concen: 92.631 ug/l
RT: 9.19 min Scan# 1223
Delta R.T. -0.00 min
Lab File: VY002247.D
Acq: 08 Apr 2020 12:52

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tot Ion: 83 Resp: 365728
Ion Ratio Lower Upper
83 100
55 71.5 59.3 88.9
98 48.6 39.6 59.4

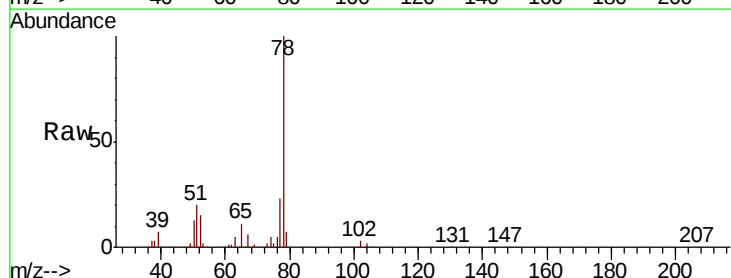


Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

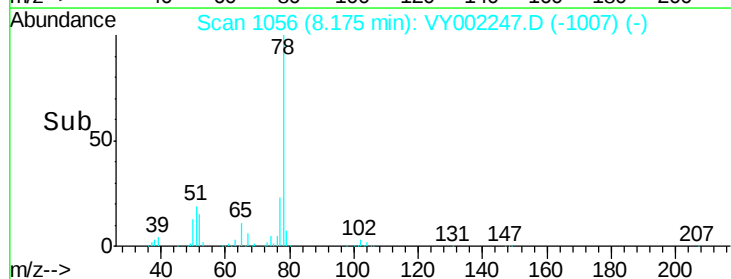
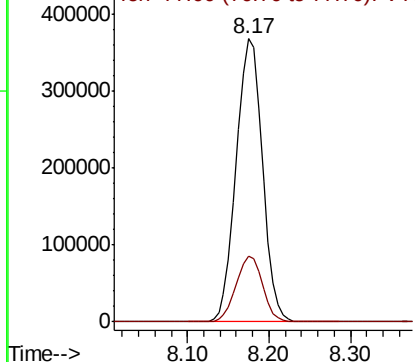


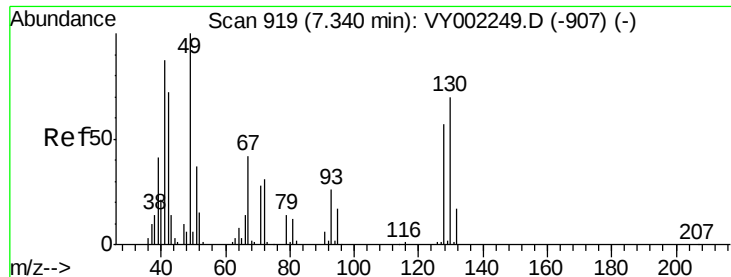
#40
Benzene
Concen: 93.239 ug/l
RT: 8.17 min Scan# 1056
Delta R.T. -0.00 min
Lab File: VY002247.D
Acq: 08 Apr 2020 12:52

Tgt Ion: 78 Resp: 821057
Ion Ratio Lower Upper
78 100
77 23.2 18.9 28.3



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

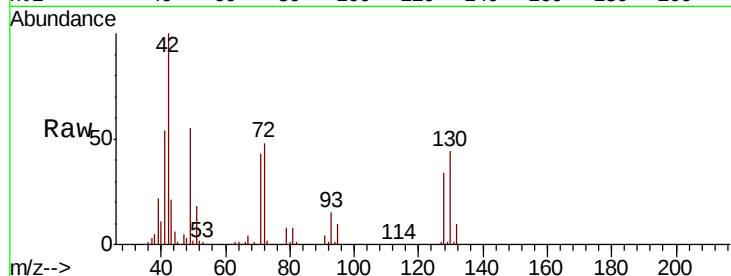




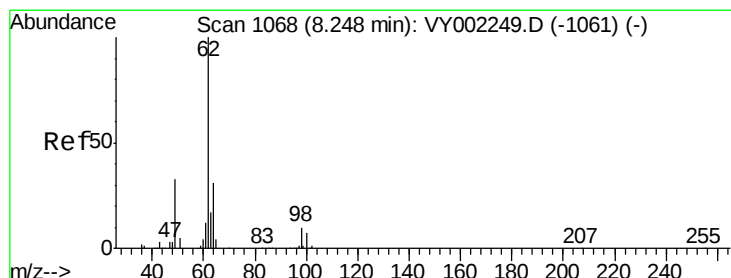
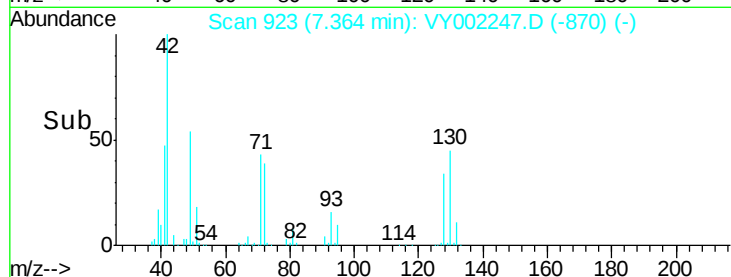
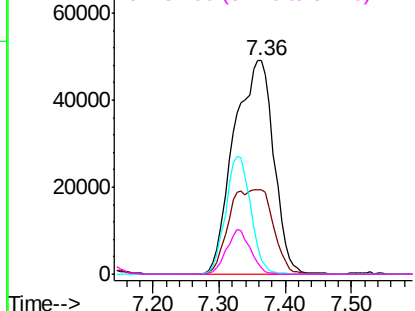
#41
Methacrylonitrile
Concen: 187.891 ug/l
RT: 7.36 min Scan# 923
Delta R.T. 0.02 min
Lab File: VY002247.D
Acq: 08 Apr 2020 12:52

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tot Ion:	41	Resp:	205814
Ion	Ratio	Lower	Upper
41	100		
39	43.8	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

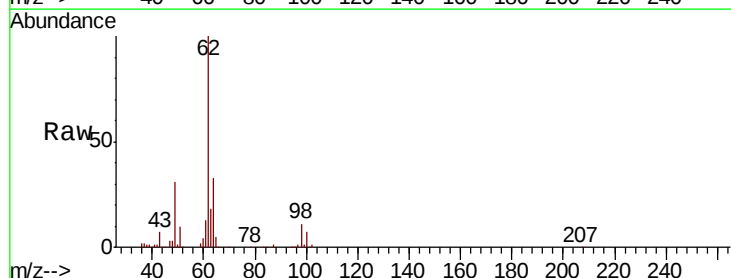


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

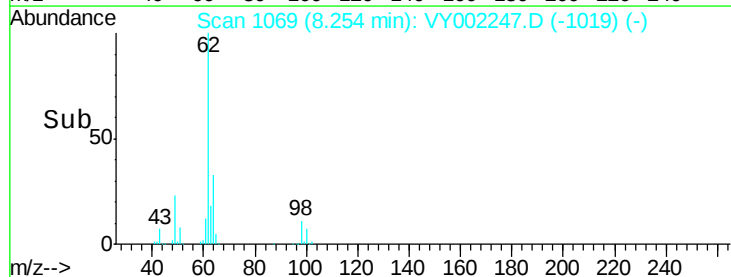
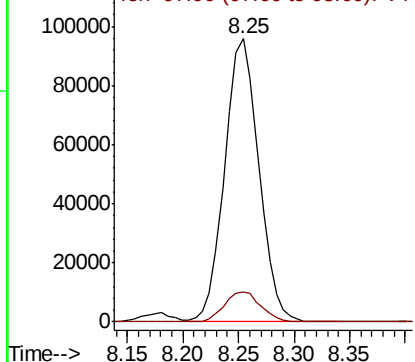


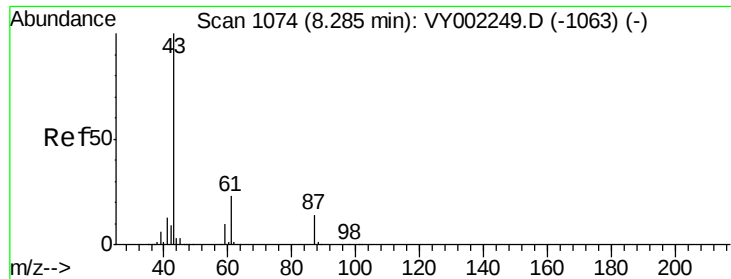
#42
1,2-Dichloroethane
Concen: 93.766 ug/l
RT: 8.25 min Scan# 1069
Delta R.T. 0.01 min
Lab File: VY002247.D
Acq: 08 Apr 2020 12:52

Tgt Ion:	62	Resp:	204538
Ion	Ratio	Lower	Upper
62	100		
98	11.3	0.0	22.6



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

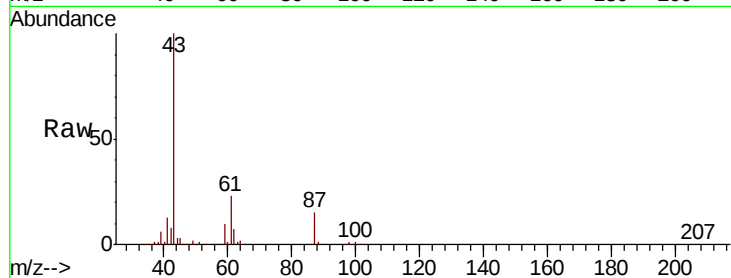




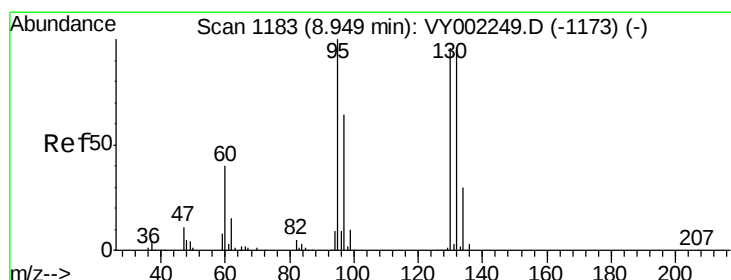
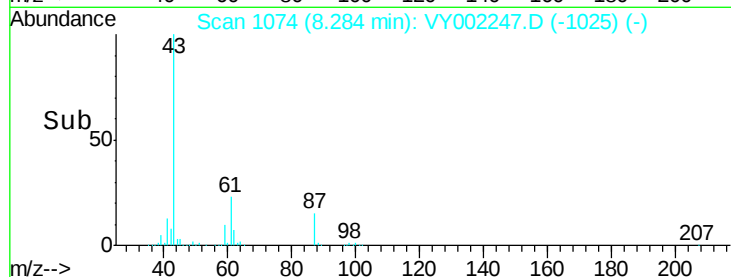
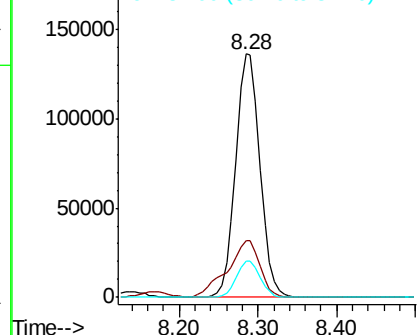
#43
Isopropyl Acetate
Concen: 96.212 ug/l
RT: 8.28 min Scan# 1074
Delta R.T. -0.00 min
Lab File: VY002247.D
Acq: 08 Apr 2020 12:52

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tot Ion	43	Resp	290948
Ion Ratio	Lower	Upper	
43	100		
61	31.2	24.9	37.3
87	14.7	11.7	17.5

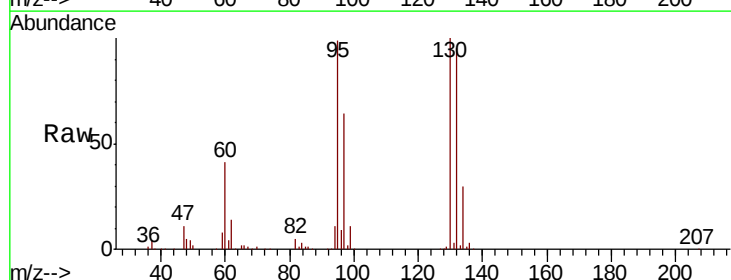


Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 61.00 (60.70 to 61.70): VY0
Ion 87.00 (86.70 to 87.70): VY0

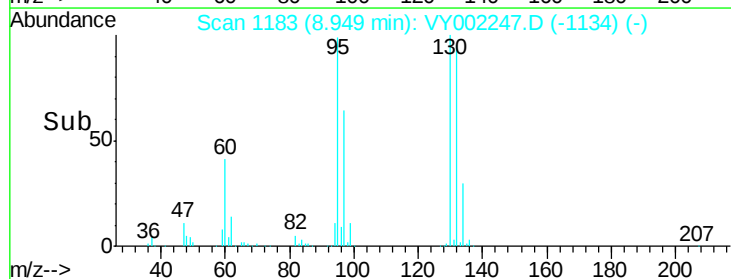
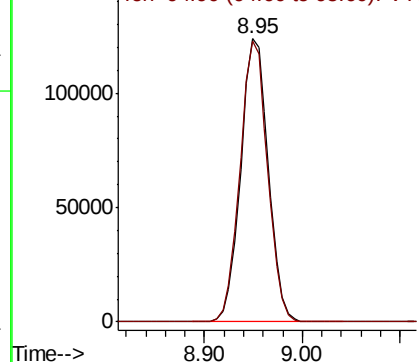


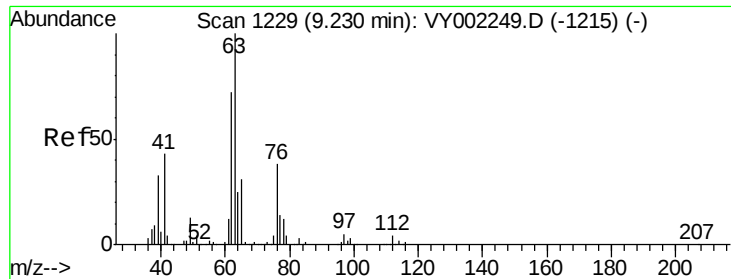
#44
Trichloroethene
Concen: 93.217 ug/l
RT: 8.95 min Scan# 1183
Delta R.T. -0.00 min
Lab File: VY002247.D
Acq: 08 Apr 2020 12:52

Tgt Ion	130	Resp	241340
Ion Ratio	Lower	Upper	
130	100		
95	99.0	0.0	208.2



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VY0





#45

1,2-Dichloropropane

Concen: 93.377 ug/l

RT: 9.23 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VY002247.D

Acq: 08 Apr 2020 12:52

Instrument :

MSVOA_Y

ClientSampleId :

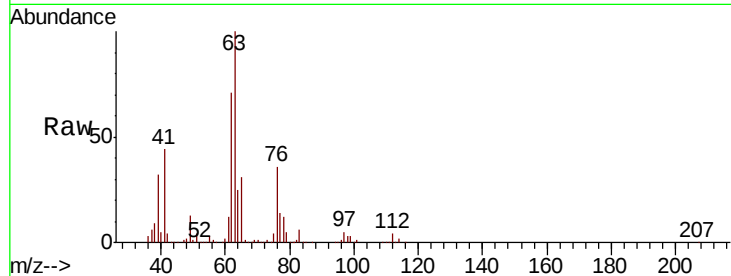
VSTDIC100

Tot Ion: 63 Resp: 204021

Ion Ratio Lower Upper

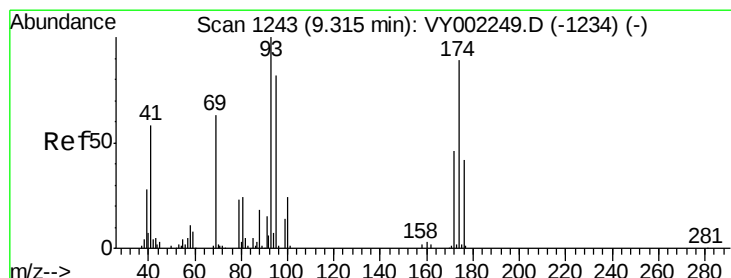
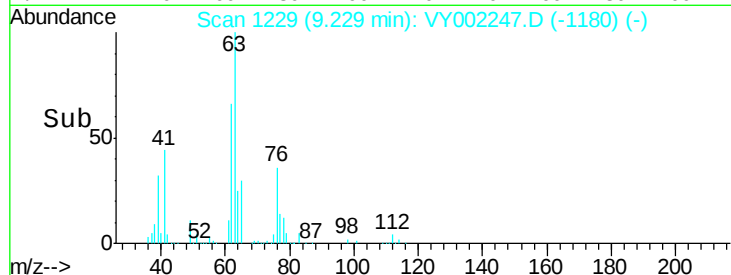
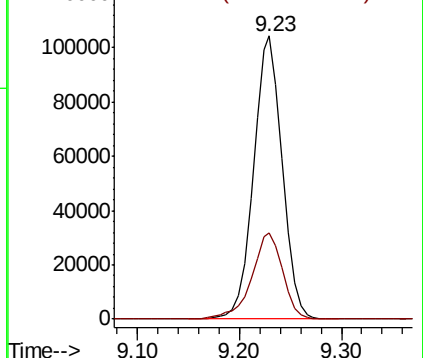
63 100

65 30.7 24.6 37.0



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 64.90 (64.60 to 65.60): VY0



#46

Dibromomethane

Concen: 94.721 ug/l

RT: 9.31 min Scan# 1243

Delta R.T. -0.00 min

Lab File: VY002247.D

Acq: 08 Apr 2020 12:52

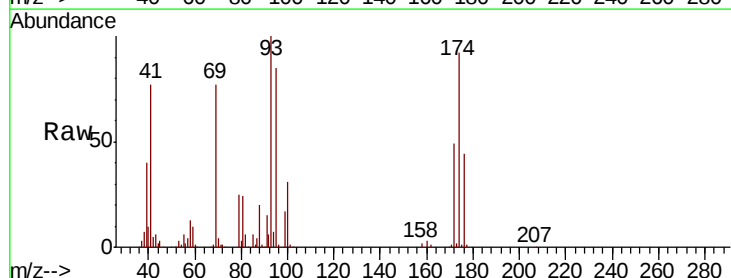
Tgt Ion: 93 Resp: 108209

Ion Ratio Lower Upper

93 100

95 84.0 67.3 100.9

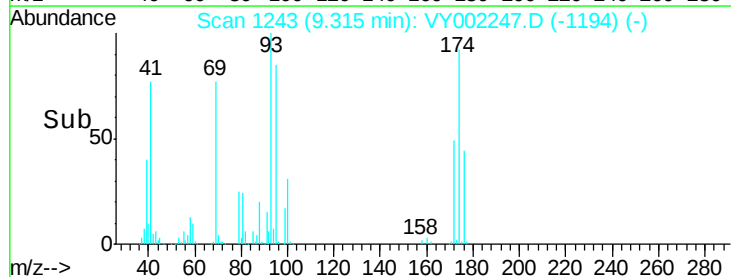
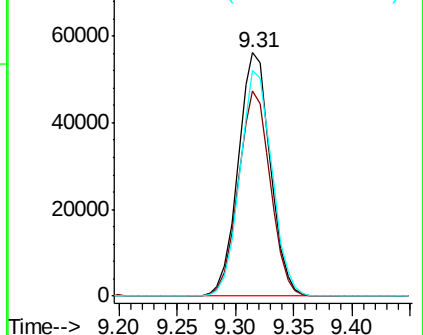
174 92.3 72.5 108.7

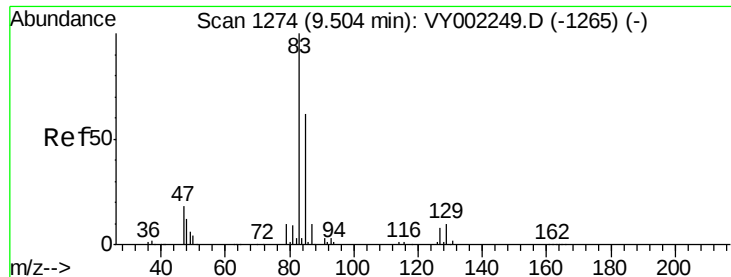


Abundance Ion 92.80 (92.50 to 93.50): VY0

Ion 94.80 (94.50 to 95.50): VY0

Ion 173.70 (173.40 to 174.40): V

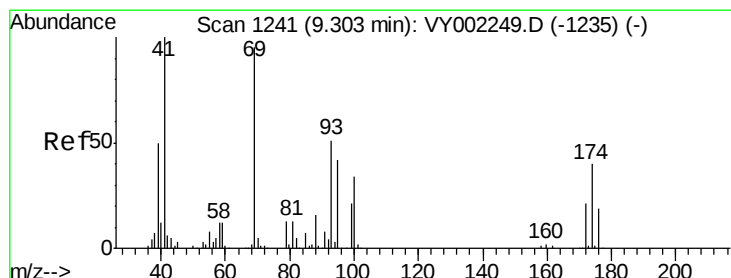
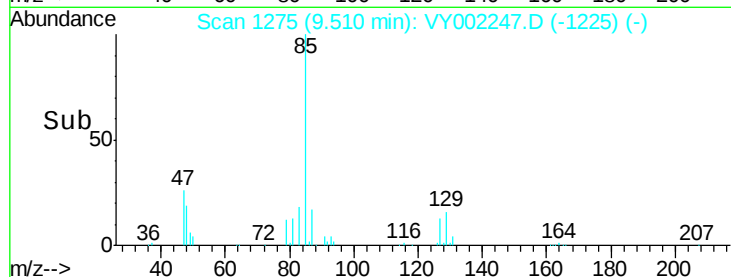
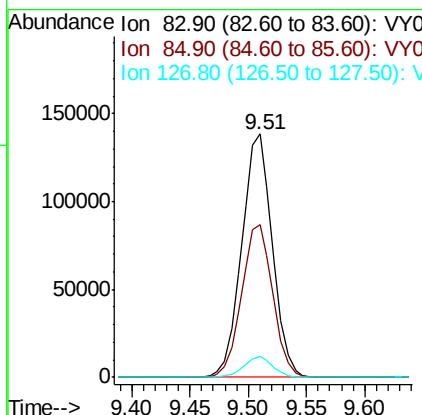
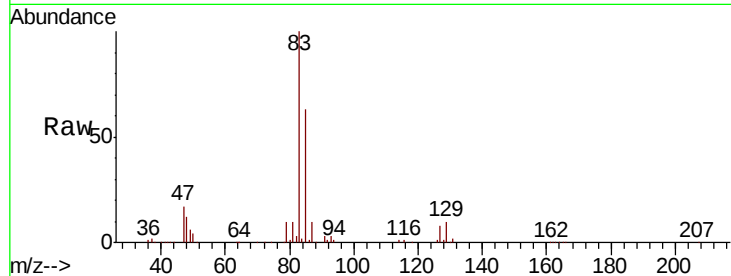




#47
 Bromodichloromethane
 Concen: 96.525 ug/l
 RT: 9.51 min Scan# 1275
 Delta R.T. 0.01 min
 Lab File: VY002247.D
 Acq: 08 Apr 2020 12:52

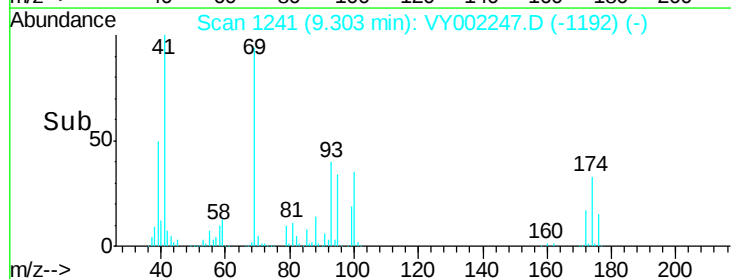
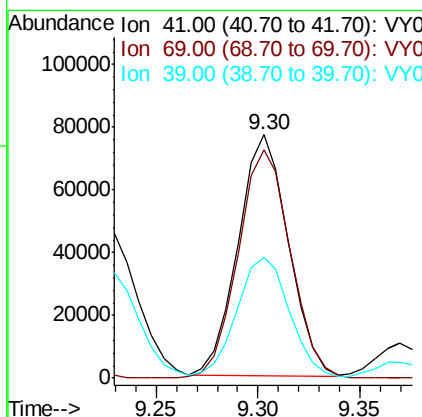
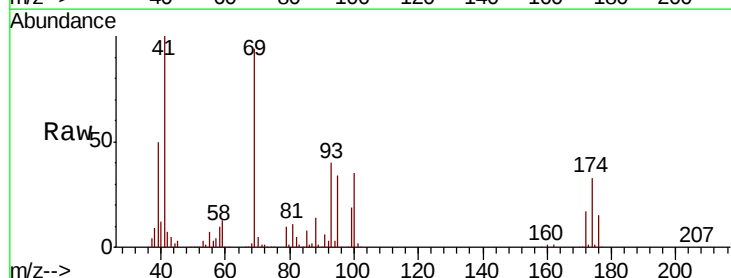
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

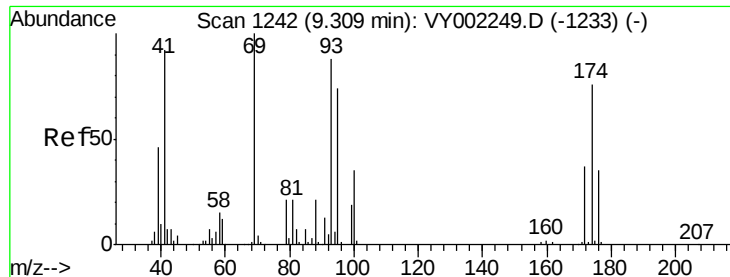
Tot Ion: 83 Resp: 253018
 Ion Ratio Lower Upper
 83 100
 85 62.9 49.7 74.5
 127 8.3 6.2 9.4



#48
 Methyl methacrylate
 Concen: 96.813 ug/l
 RT: 9.30 min Scan# 1241
 Delta R.T. -0.00 min
 Lab File: VY002247.D
 Acq: 08 Apr 2020 12:52

Tgt Ion: 41 Resp: 131273
 Ion Ratio Lower Upper
 41 100
 69 98.4 76.7 115.1
 39 53.3 40.5 60.7





#49

1,4-Dioxane

Concen: 1906.195 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. -0.00 min

Lab File: VY002247.D

Acq: 08 Apr 2020 12:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

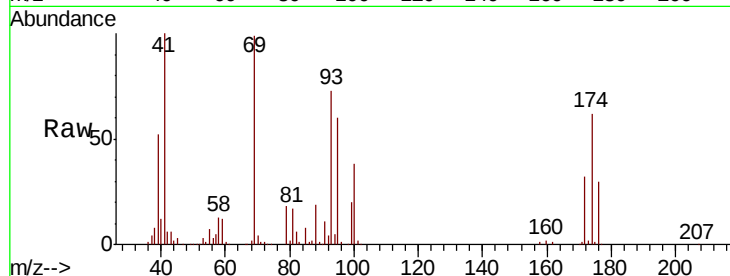
Tot Ion: 88 Resp: 30804

Ion Ratio Lower Upper

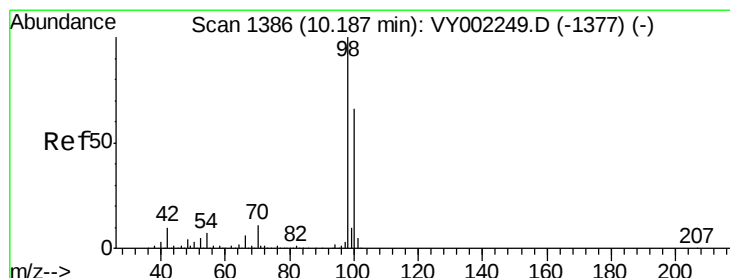
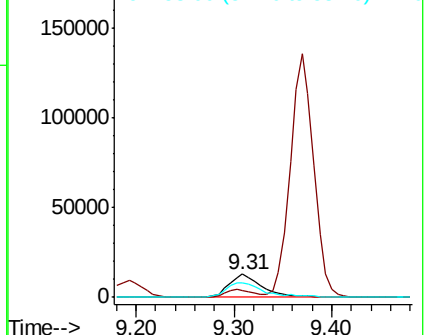
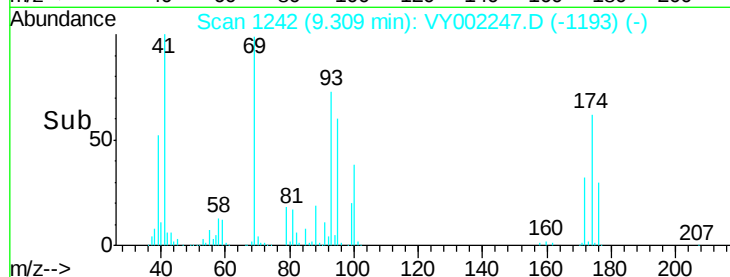
88 100

43 27.5 22.2 33.2

58 72.4 57.6 86.4



Abundance Ion 88.00 (87.70 to 88.70): VY002247.D (-1193) (-)



#50

Toluene-d8

Concen: 97.933 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. -0.00 min

Lab File: VY002247.D

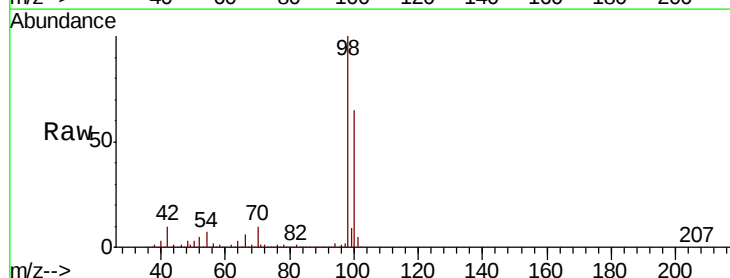
Acq: 08 Apr 2020 12:52

Tgt Ion: 98 Resp: 718723

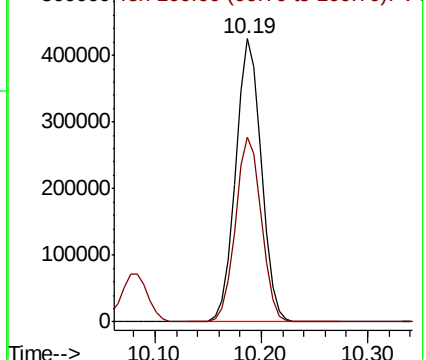
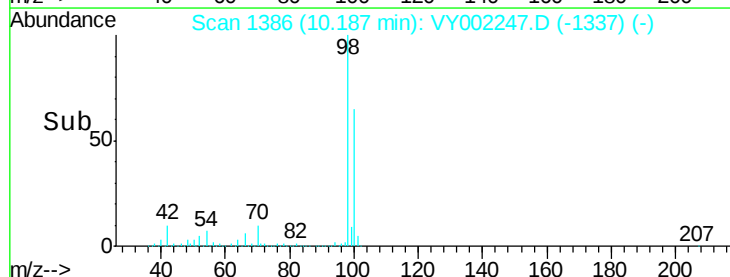
Ion Ratio Lower Upper

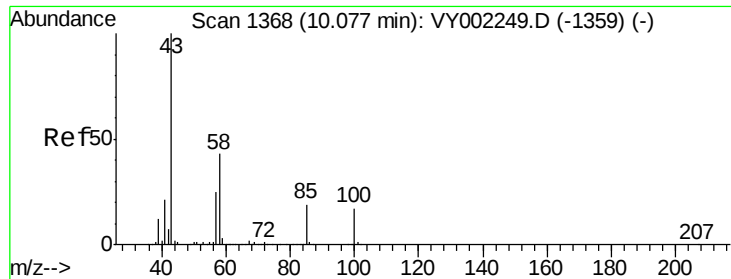
98 100

100 65.7 52.6 78.8



Abundance Ion 98.00 (97.70 to 98.70): VY002247.D (-1337) (-)





#51

4-Methyl-2-Pentanone

Concen: 476.232 ug/l

RT: 10.08 min Scan# 1368

Delta R.T. -0.00 min

Lab File: VY002247.D

Acq: 08 Apr 2020 12:52

Instrument :

MSVOA_Y

ClientSampleId :

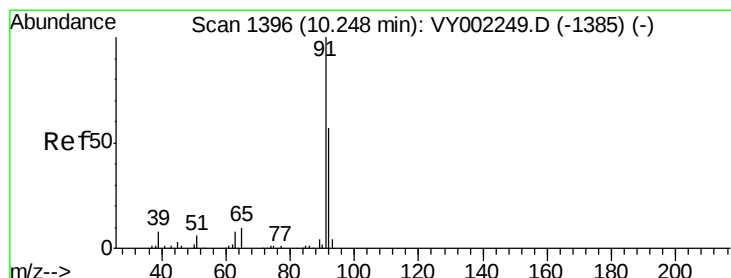
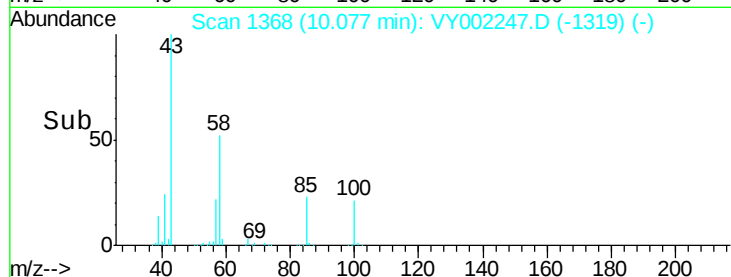
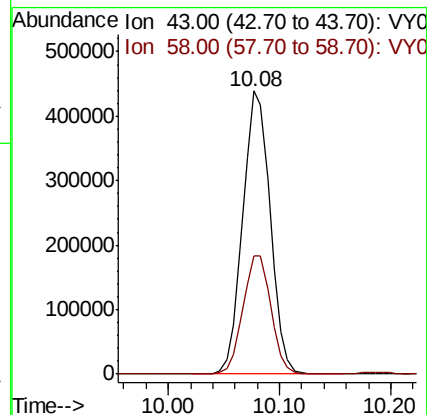
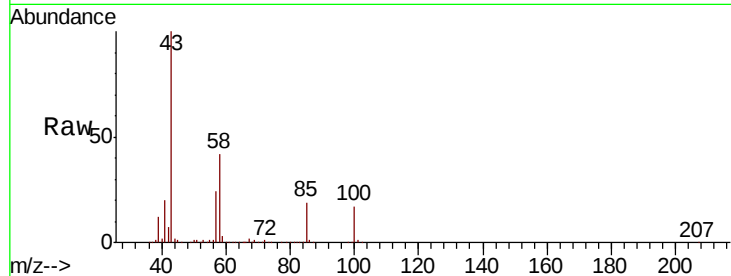
VSTDIC100

Tot Ion: 43 Resp: 750427

Ion Ratio Lower Upper

43 100

58 42.6 33.8 50.8



#52

Toluene

Concen: 94.021 ug/l

RT: 10.25 min Scan# 1397

Delta R.T. 0.01 min

Lab File: VY002247.D

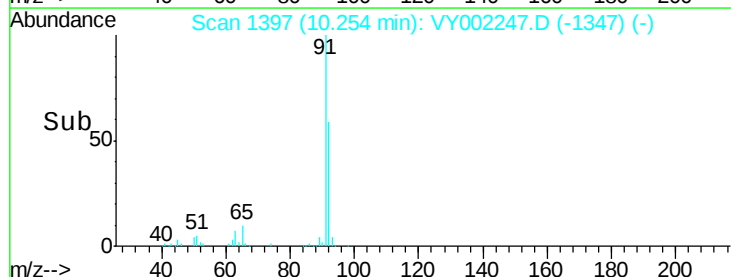
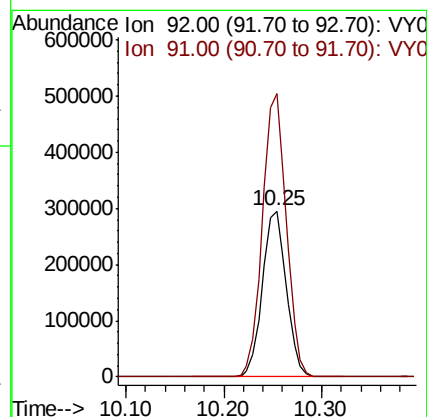
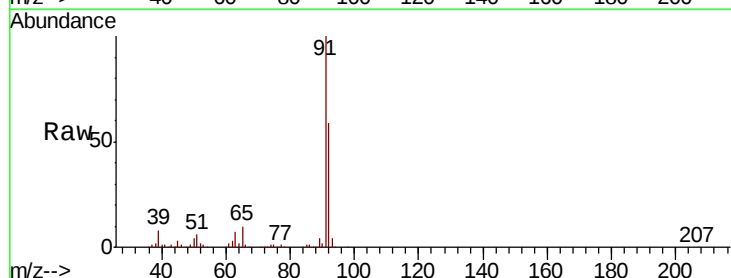
Acq: 08 Apr 2020 12:52

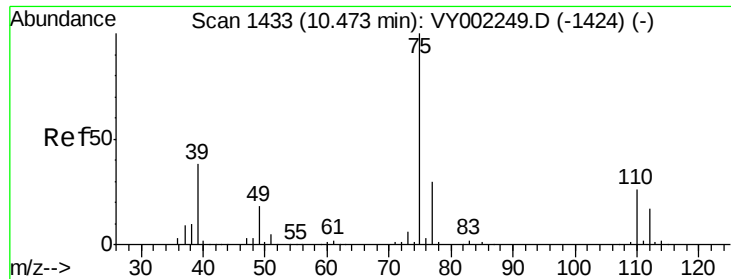
Tgt Ion: 92 Resp: 498965

Ion Ratio Lower Upper

92 100

91 170.9 139.0 208.6





#53

t-1,3-Dichloropropene

Concen: 97.831 ug/l

RT: 10.47 min Scan# 1433

Delta R.T. -0.00 min

Lab File: VY002247.D

Acq: 08 Apr 2020 12:52

Instrument :

MSVOA_Y

ClientSampleId :

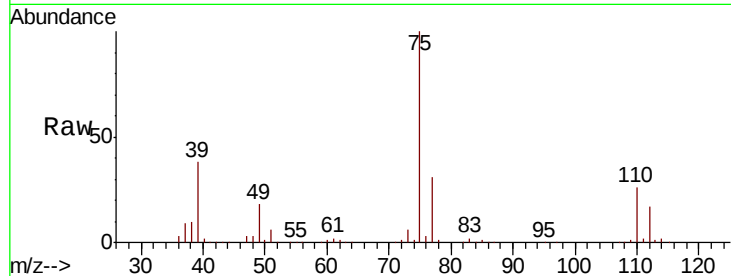
VSTDIC100

Tot Ion: 75 Resp: 279405

Ion Ratio Lower Upper

75 100

77 31.4 24.2 36.2



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

10.47

200000

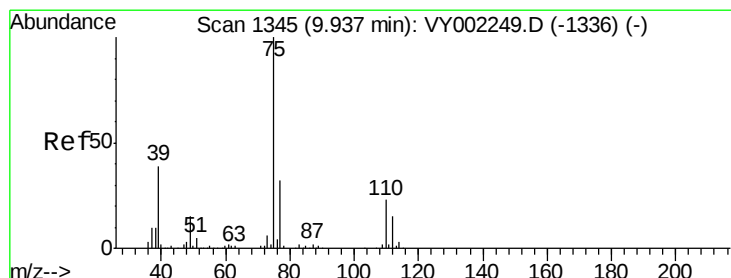
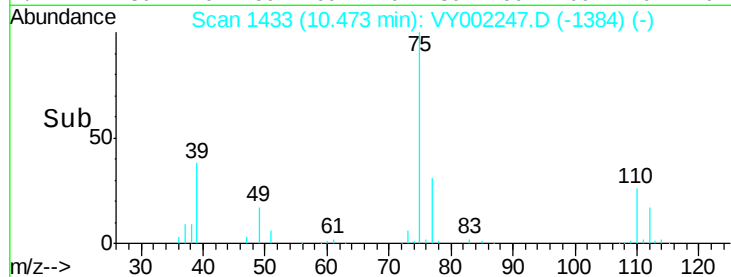
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 95.984 ug/l

RT: 9.94 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VY002247.D

Acq: 08 Apr 2020 12:52

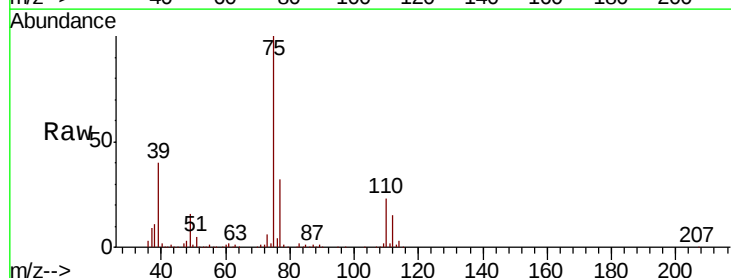
Tgt Ion: 75 Resp: 329570

Ion Ratio Lower Upper

75 100

77 31.8 25.8 38.8

39 39.7 30.8 46.2



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0

9.94

250000

200000

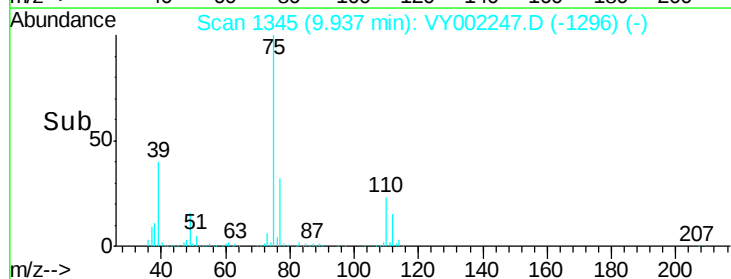
150000

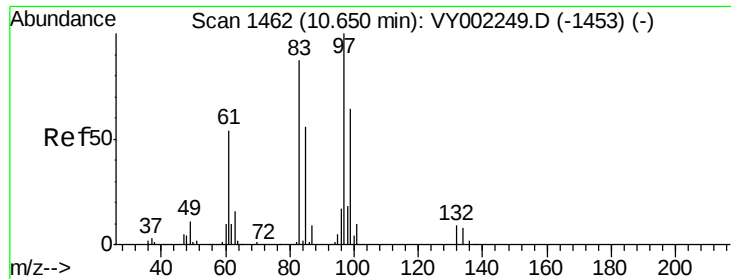
100000

50000

0

Time-->





#55

1,1,2-Trichloroethane

Concen: 95.043 ug/l

RT: 10.65 min Scan# 1462

Delta R.T. -0.00 min

Lab File: VY002247.D

Acq: 08 Apr 2020 12:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tot Ion: 97 Resp: 158963

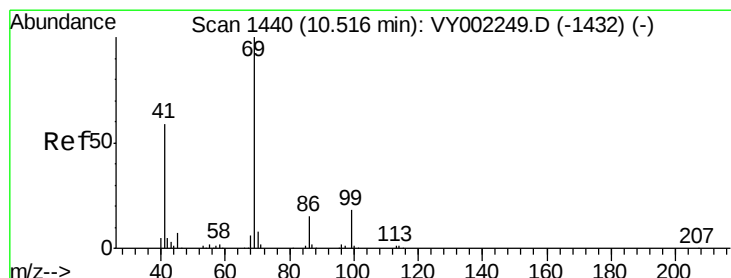
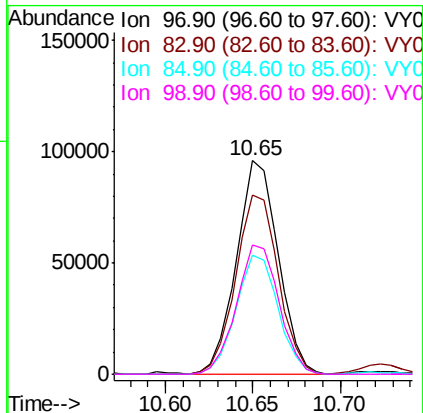
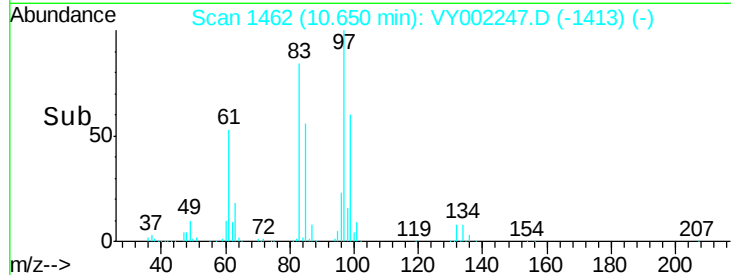
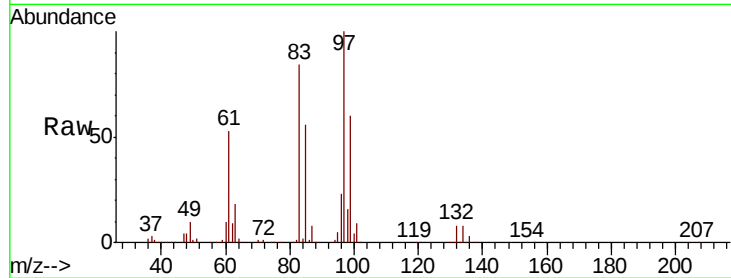
Ion	Ratio	Lower	Upper
97	100		
83	83.8	69.5	104.3
85	55.9	45.2	67.8
99	60.5	50.9	76.3

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: 98.103 ug/l

RT: 10.52 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VY002247.D

Acq: 08 Apr 2020 12:52

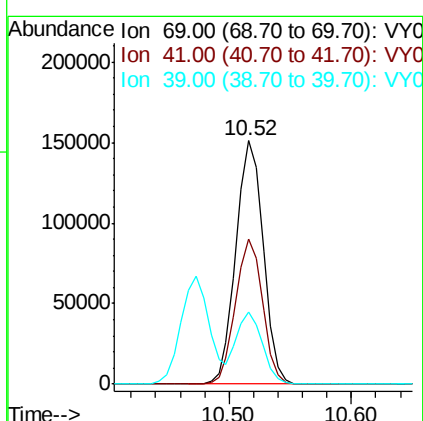
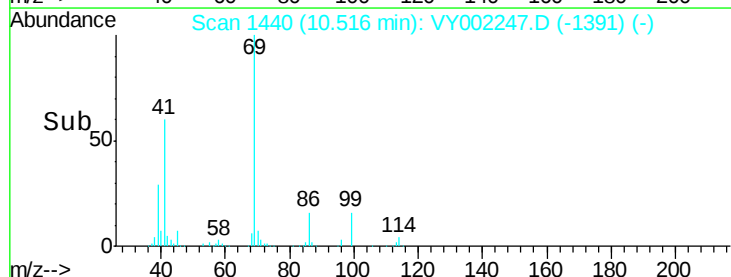
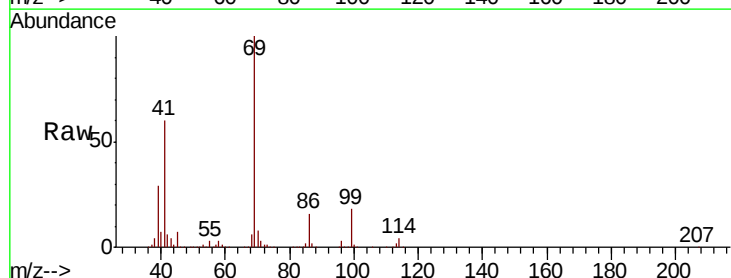
Tgt Ion: 69 Resp: 234183

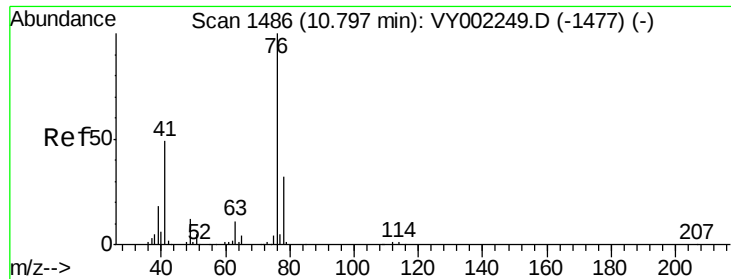
Ion	Ratio	Lower	Upper
69	100		
41	58.7	47.9	71.9
39	27.8	23.8	35.6

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: 94.707 ug/l

RT: 10.80 min Scan# 1486

Delta R.T. -0.00 min

Lab File: VY002247.D

Acq: 08 Apr 2020 12:52

Instrument :

MSVOA_Y

ClientSampleId :

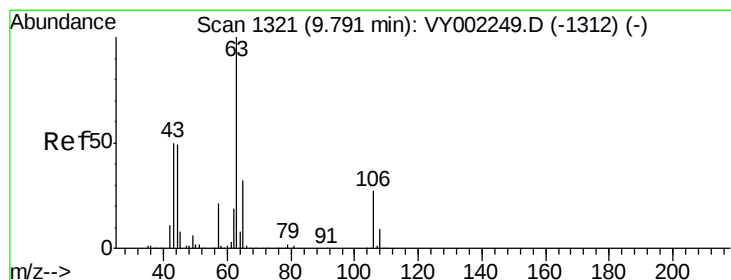
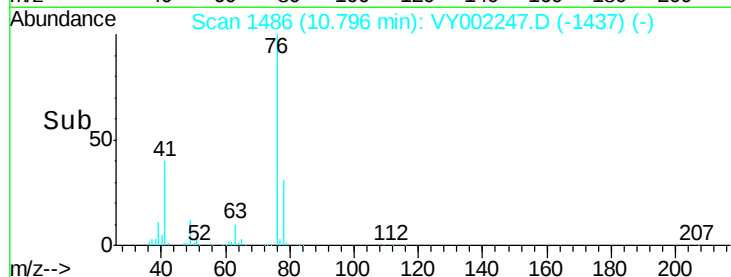
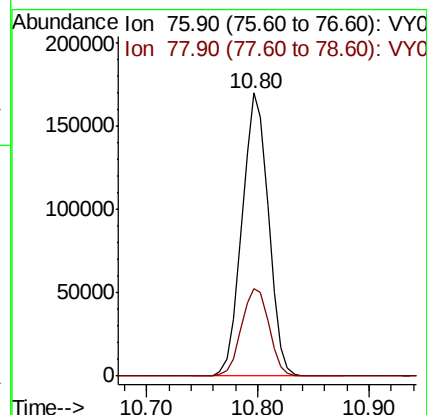
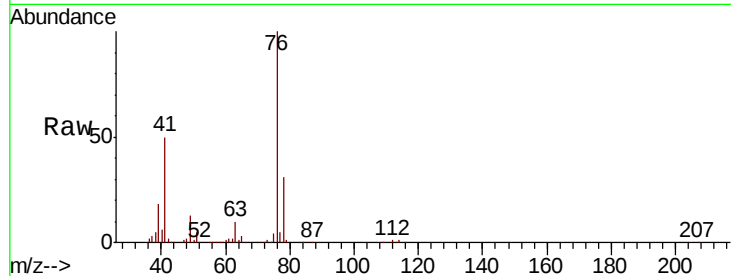
VSTDIC100

Tot Ion: 76 Resp: 278420

Ion Ratio Lower Upper

76 100

78 32.3 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 485.100 ug/l

RT: 9.79 min Scan# 1321

Delta R.T. -0.00 min

Lab File: VY002247.D

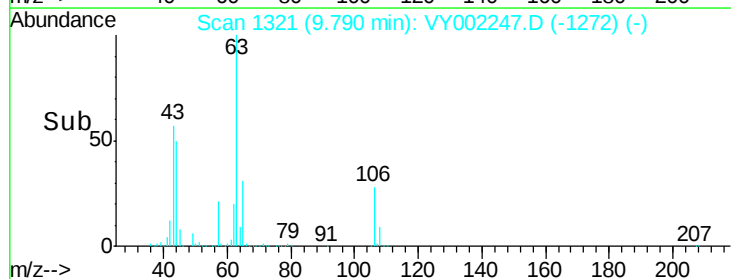
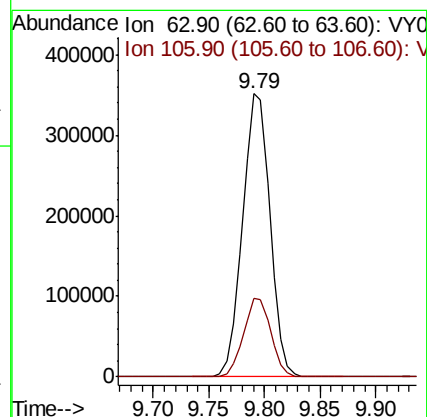
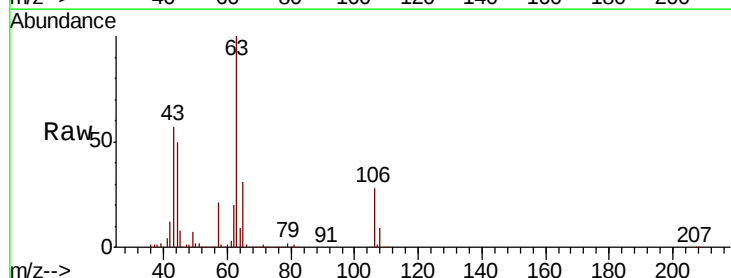
Acq: 08 Apr 2020 12:52

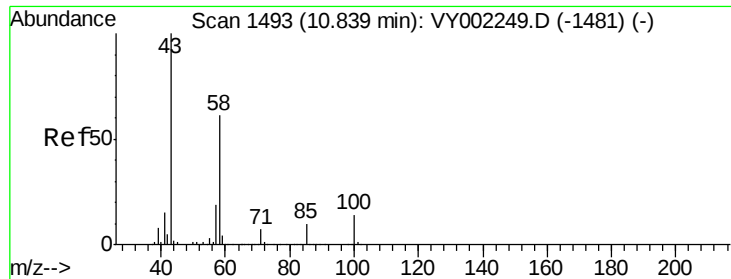
Tgt Ion: 63 Resp: 599662

Ion Ratio Lower Upper

63 100

106 27.8 22.2 33.2

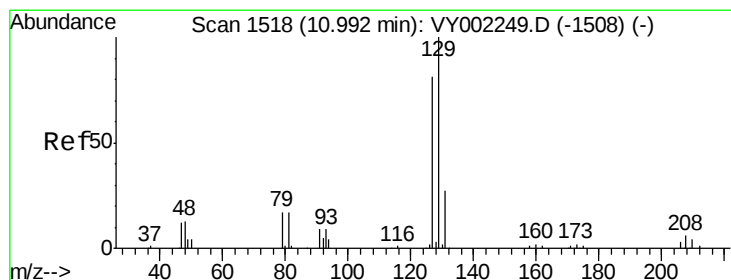
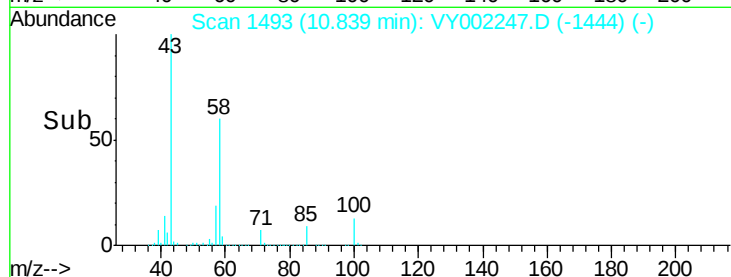
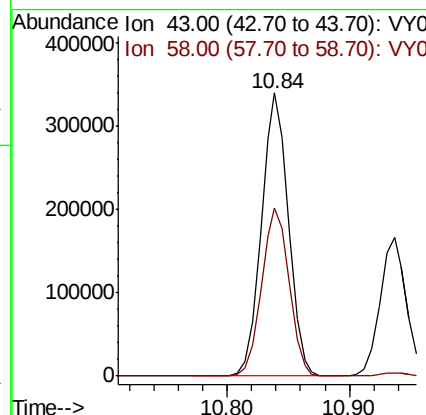
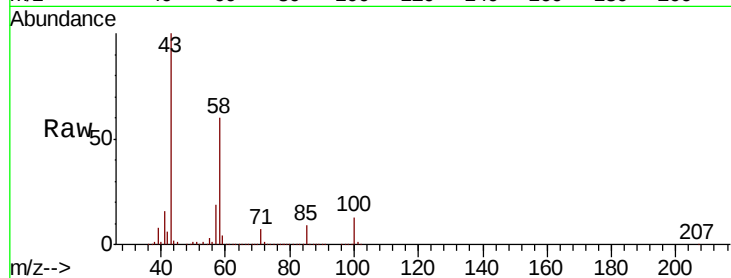




#59
2-Hexanone
Concen: 477.069 ug/l
RT: 10.84 min Scan# 1493
Delta R.T. -0.00 min
Lab File: VY002247.D
Acq: 08 Apr 2020 12:52

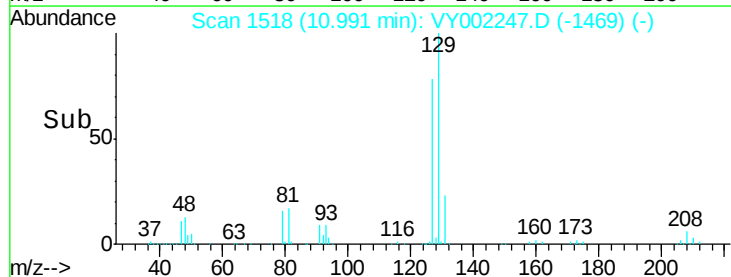
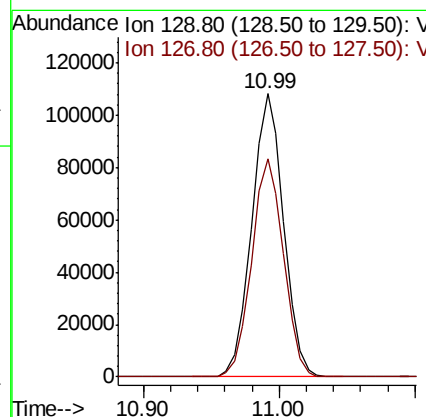
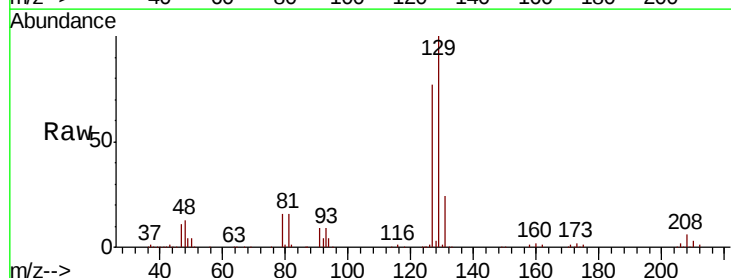
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

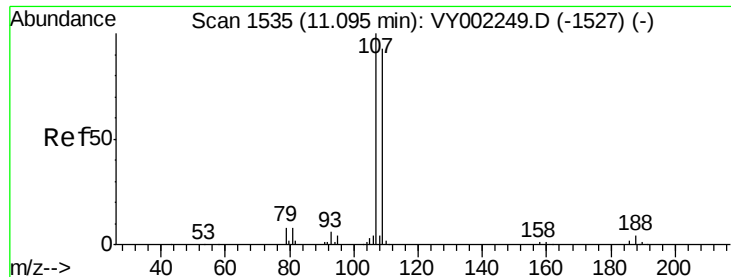
Tot Ion: 43 Resp: 521733
Ion Ratio Lower Upper
43 100
58 60.5 29.8 89.3



#60
Dibromochloromethane
Concen: 99.187 ug/l
RT: 10.99 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VY002247.D
Acq: 08 Apr 2020 12:52

Tgt Ion: 129 Resp: 176892
Ion Ratio Lower Upper
129 100
127 77.2 39.0 117.0

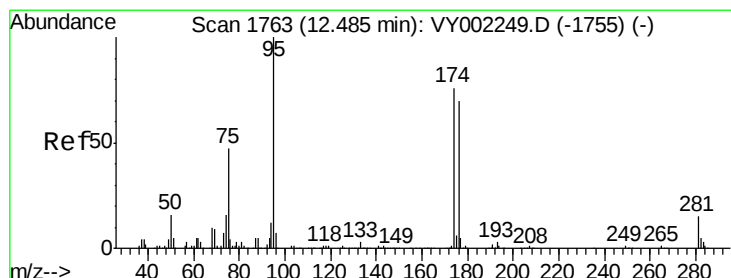
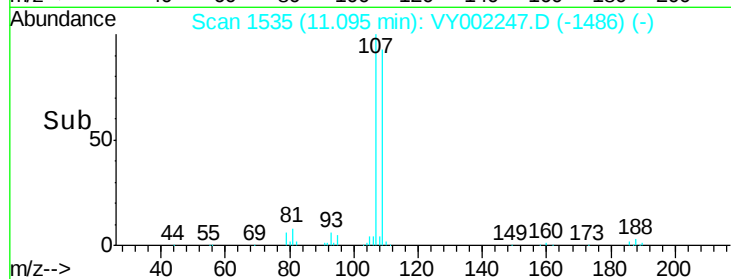
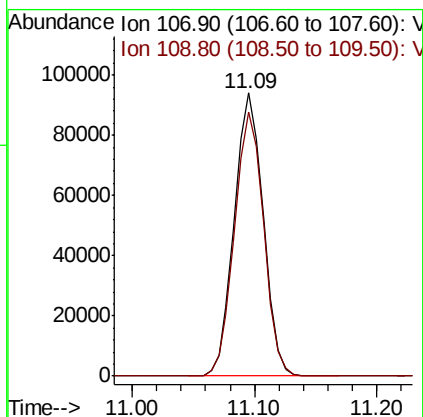
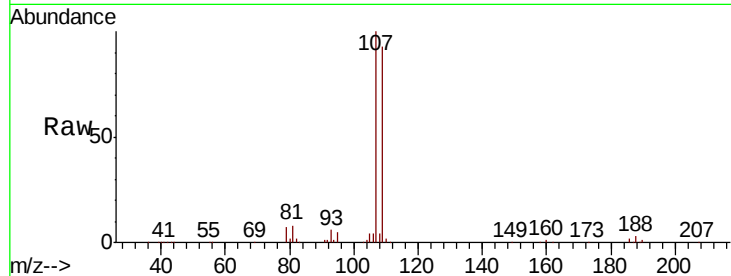




#61
 1,2-Dibromoethane
 Concen: 96.710 ug/l
 RT: 11.09 min Scan# 1535
 Delta R.T. -0.00 min
 Lab File: VY002247.D
 Acq: 08 Apr 2020 12:52

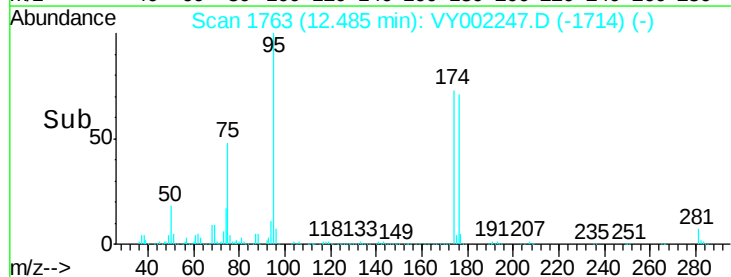
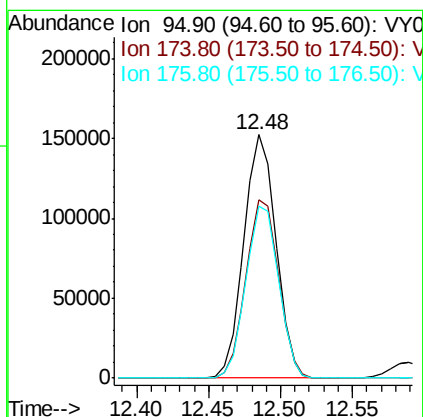
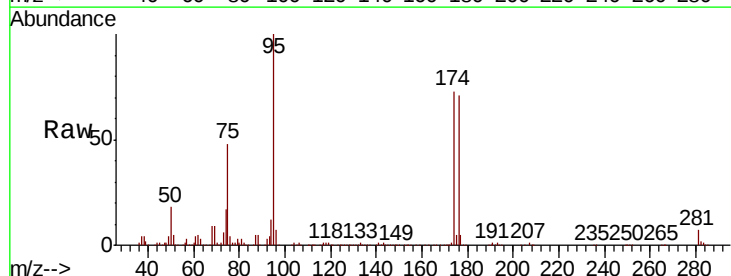
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

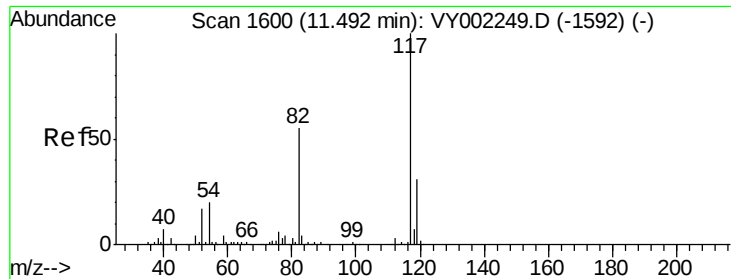
Tot Ion:107 Resp: 153988
 Ion Ratio Lower Upper
 107 100
 109 94.2 75.6 113.4



#62
 4-Bromofluorobenzene
 Concen: 97.273 ug/l
 RT: 12.48 min Scan# 1763
 Delta R.T. -0.00 min
 Lab File: VY002247.D
 Acq: 08 Apr 2020 12:52

Tgt Ion: 95 Resp: 235518
 Ion Ratio Lower Upper
 95 100
 174 74.8 0.0 150.6
 176 72.2 0.0 141.4

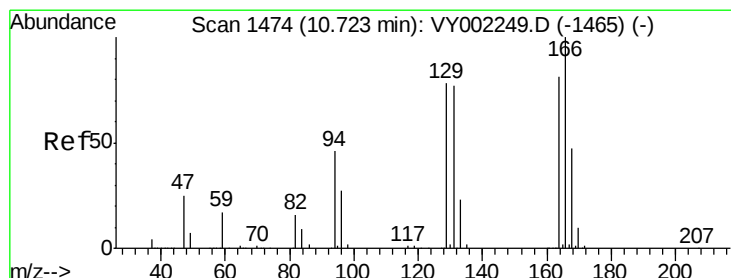
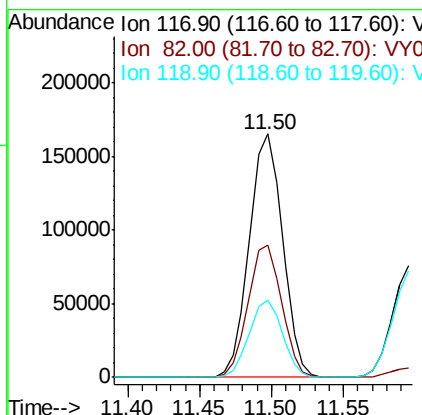
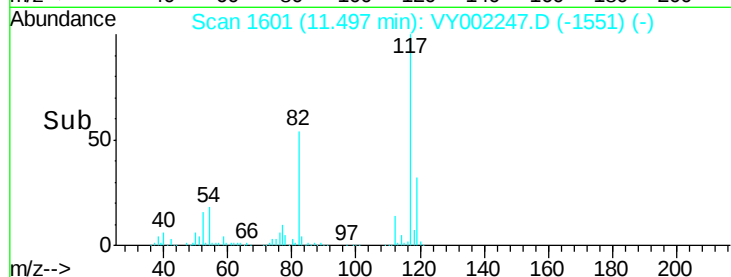
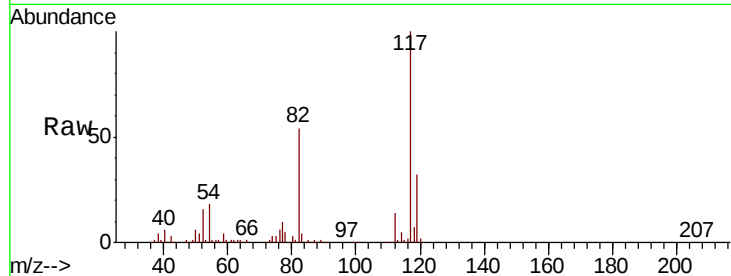




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.01 min
Lab File: VY002247.D
Acq: 08 Apr 2020 12:52

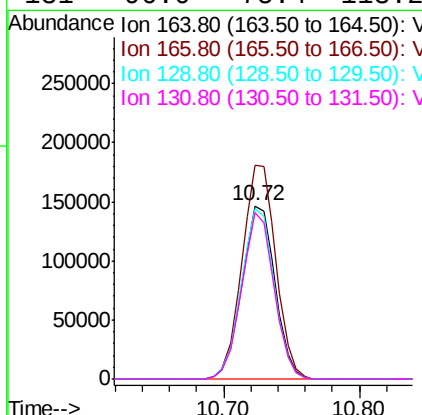
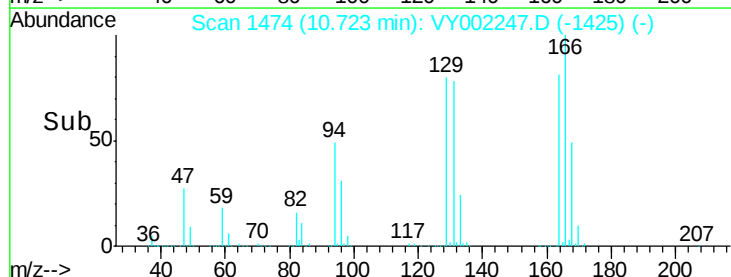
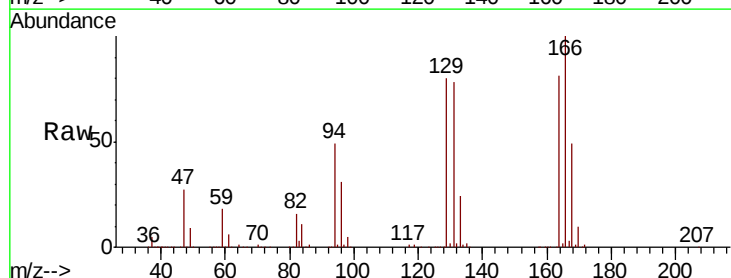
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

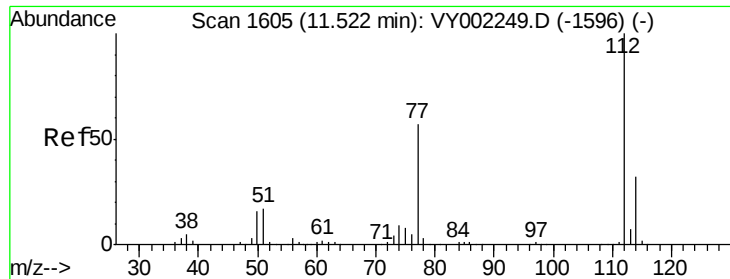
Tot Ion:117 Resp: 264584
Ion Ratio Lower Upper
117 100
82 54.1 44.2 66.4
119 31.8 25.1 37.7



#64
Tetrachloroethene
Concen: 93.345 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VY002247.D
Acq: 08 Apr 2020 12:52

Tgt Ion:164 Resp: 249698
Ion Ratio Lower Upper
164 100
166 123.2 98.4 147.6
129 98.6 76.6 115.0
131 96.0 75.4 113.2

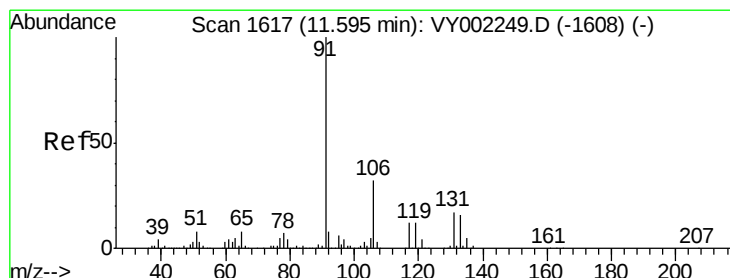
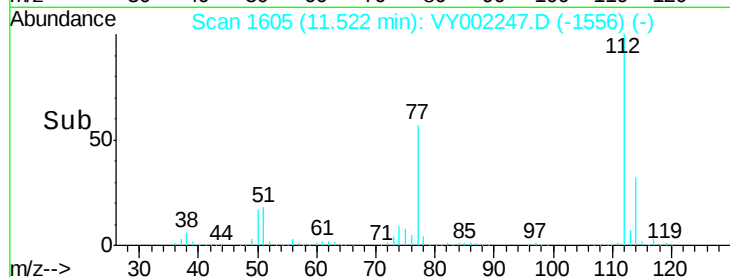
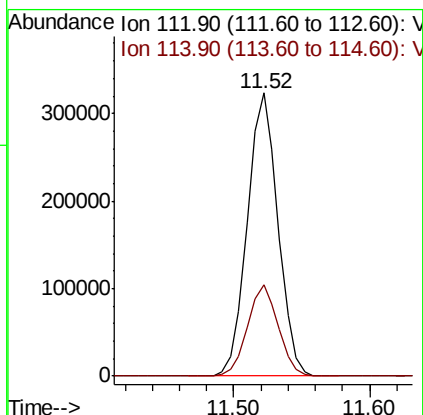
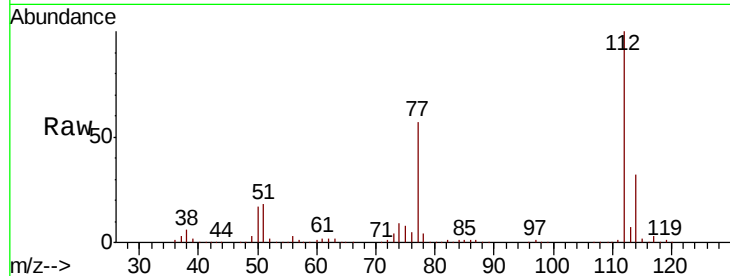




#65
Chlorobenzene
Concen: 92.682 ug/l
RT: 11.52 min Scan# 1605
Delta R.T. -0.00 min
Lab File: VY002247.D
Acq: 08 Apr 2020 12:52

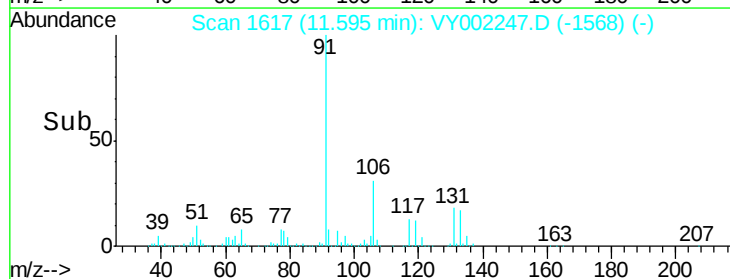
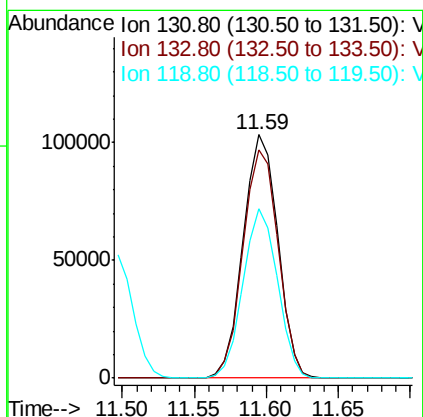
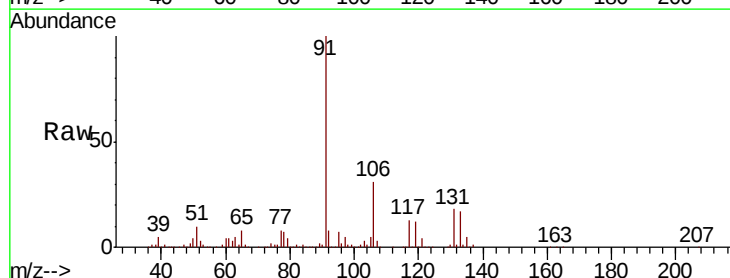
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

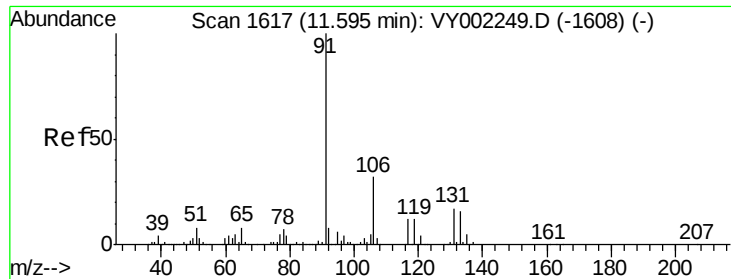
Tot Ion:112 Resp: 509744
Ion Ratio Lower Upper
112 100
114 32.4 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 94.829 ug/l
RT: 11.59 min Scan# 1617
Delta R.T. -0.00 min
Lab File: VY002247.D
Acq: 08 Apr 2020 12:52

Tgt Ion:131 Resp: 172197
Ion Ratio Lower Upper
131 100
133 95.5 46.5 139.3
119 69.2 34.5 103.6

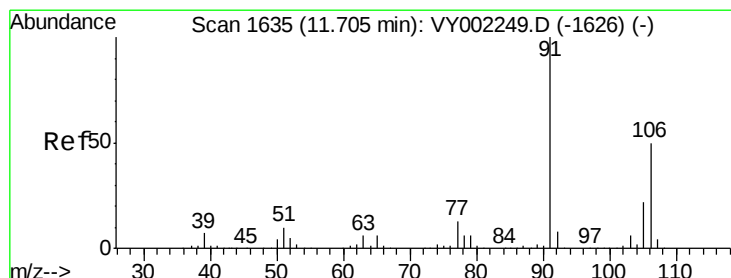
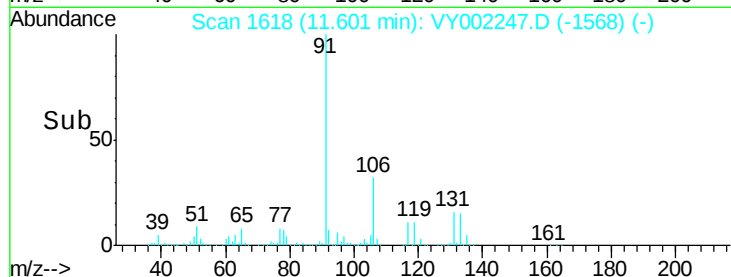
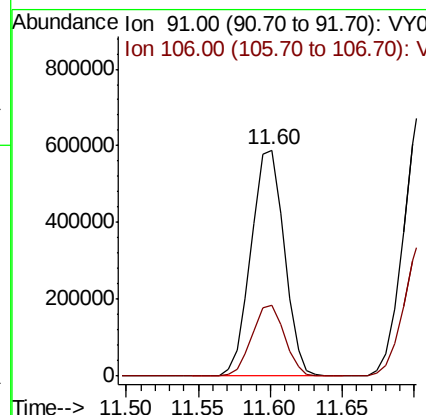
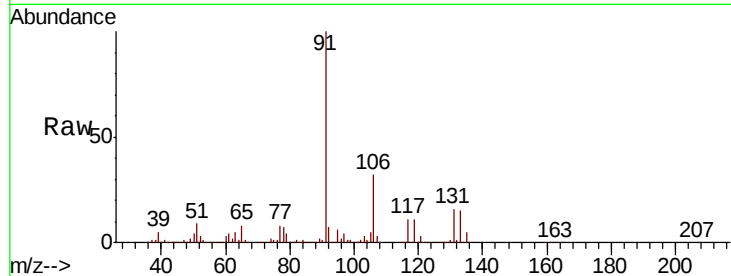




#67
Ethyl Benzene
Concen: 93.230 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. 0.01 min
Lab File: VY002247.D
Acq: 08 Apr 2020 12:52

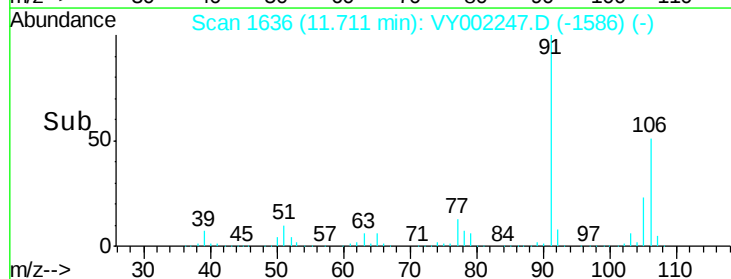
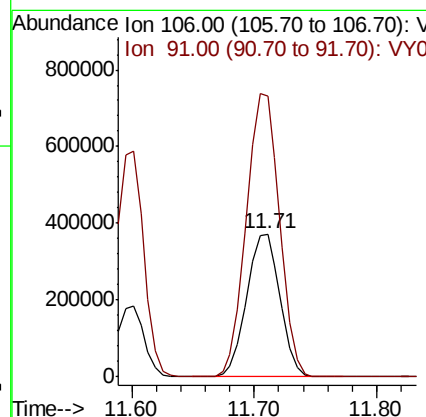
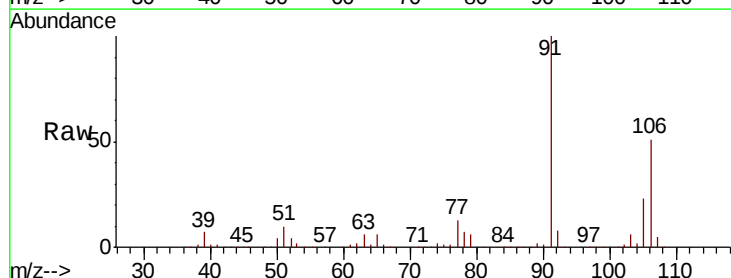
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

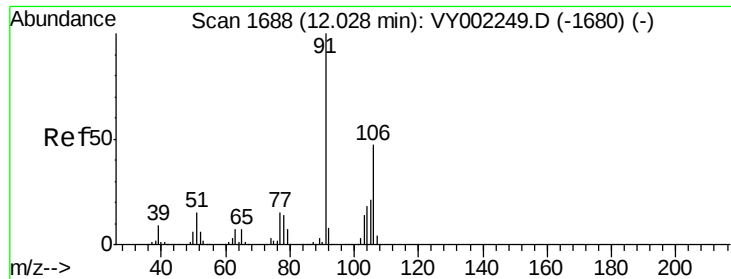
Tot Ion: 91 Resp: 938695
Ion Ratio Lower Upper
91 100
106 31.6 25.4 38.0



#68
m/p-Xylenes
Concen: 186.323 ug/l
RT: 11.71 min Scan# 1636
Delta R.T. 0.01 min
Lab File: VY002247.D
Acq: 08 Apr 2020 12:52

Tgt Ion: 106 Resp: 702650
Ion Ratio Lower Upper
106 100
91 198.2 159.8 239.6

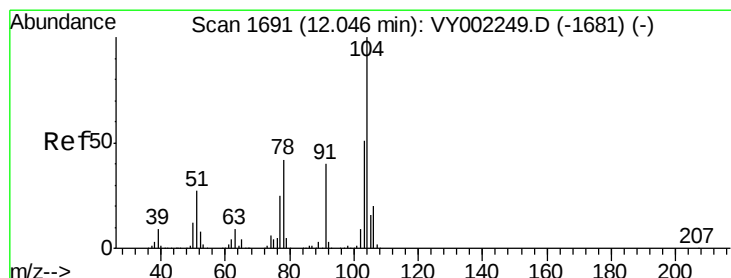
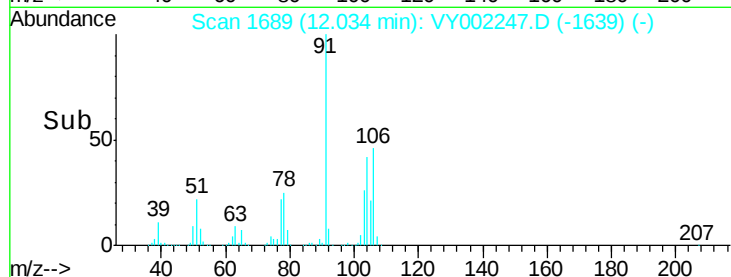
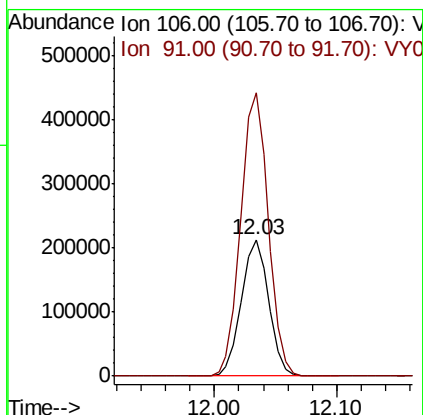
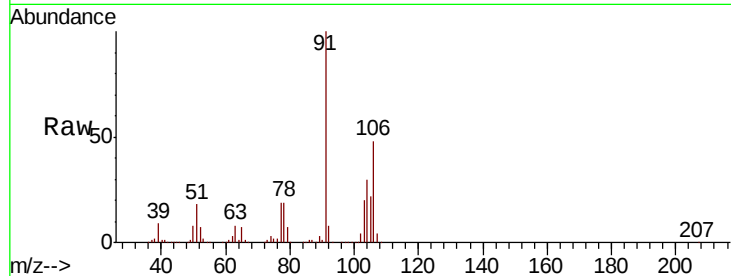




#69
o-Xylene
Concen: 93.304 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. 0.01 min
Lab File: VY002247.D
Acq: 08 Apr 2020 12:52

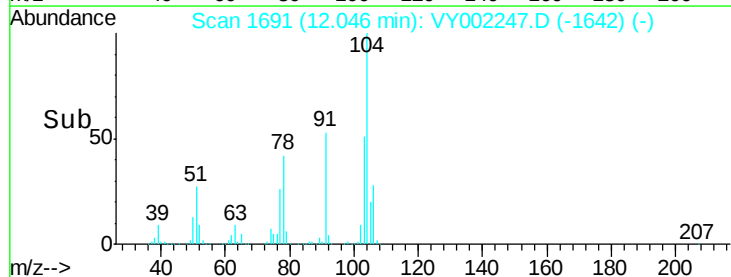
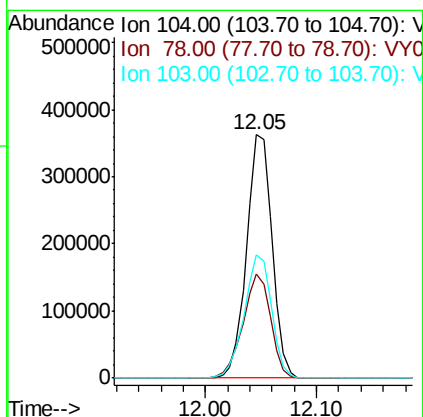
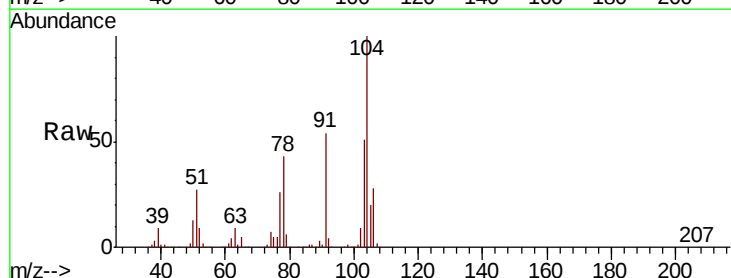
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

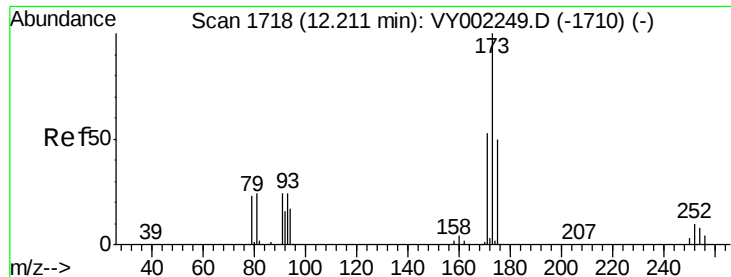
Tot Ion:106 Resp: 330343
Ion Ratio Lower Upper
106 100
91 208.1 105.8 317.3



#70
Styrene
Concen: 94.083 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. -0.00 min
Lab File: VY002247.D
Acq: 08 Apr 2020 12:52

Tgt Ion:104 Resp: 577913
Ion Ratio Lower Upper
104 100
78 46.1 37.2 55.8
103 54.5 43.4 65.0





#71

Bromoform

Concen: 100.523 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. -0.00 min

Lab File: VY002247.D

Acq: 08 Apr 2020 12:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

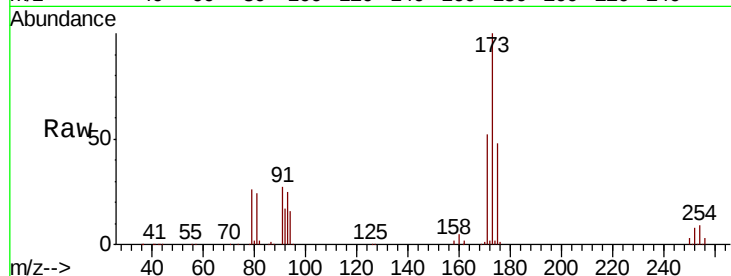
Tot Ion:173 Resp: 99265

Ion Ratio Lower Upper

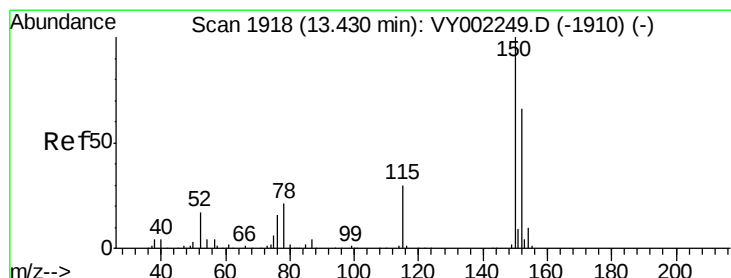
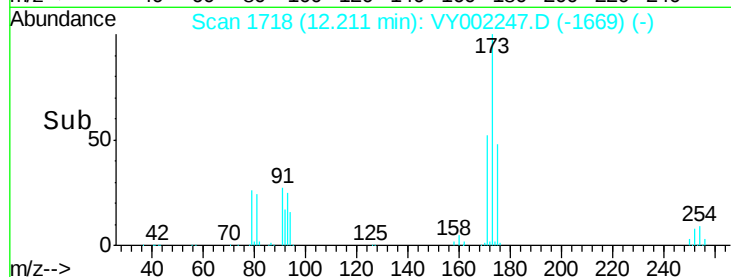
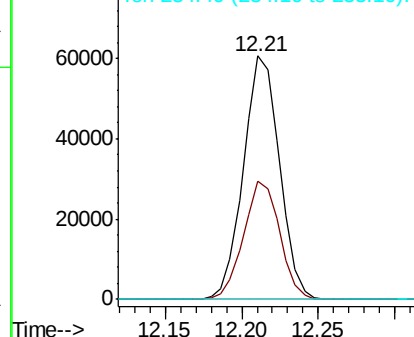
173 100

175 48.4 24.1 72.3

254 0.1 0.0 0.0#



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. -0.00 min

Lab File: VY002247.D

Acq: 08 Apr 2020 12:52

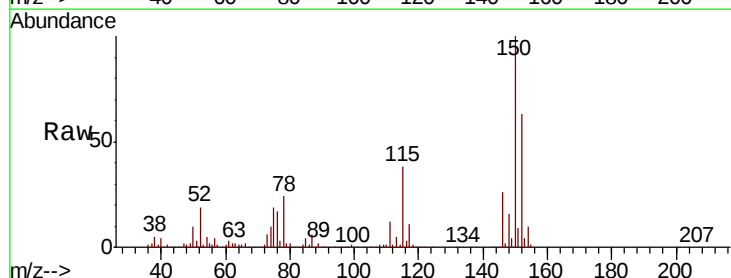
Tgt Ion:152 Resp: 116141

Ion Ratio Lower Upper

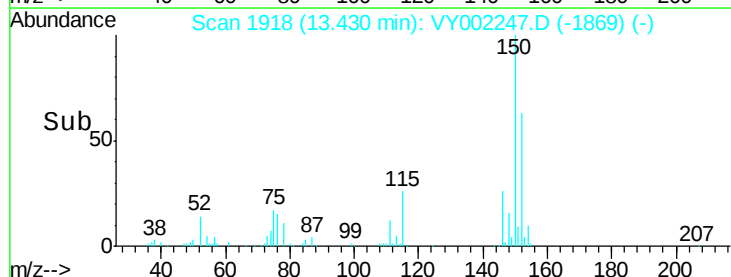
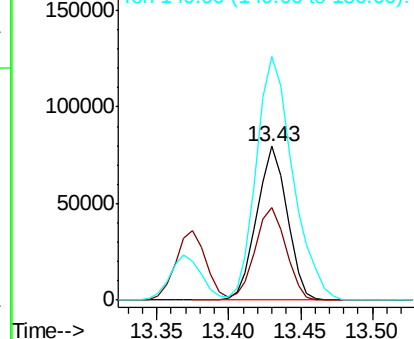
152 100

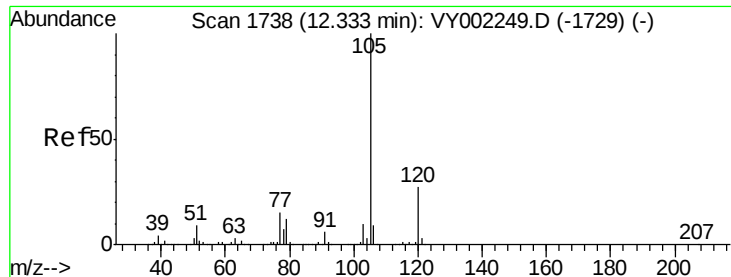
115 61.1 30.7 92.1

150 190.6 0.0 350.6



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: 95.189 ug/l

RT: 12.33 min Scan# 1738

Delta R.T. -0.00 min

Lab File: VY002247.D

Acq: 08 Apr 2020 12:52

Instrument :

MSVOA_Y

ClientSampleId :

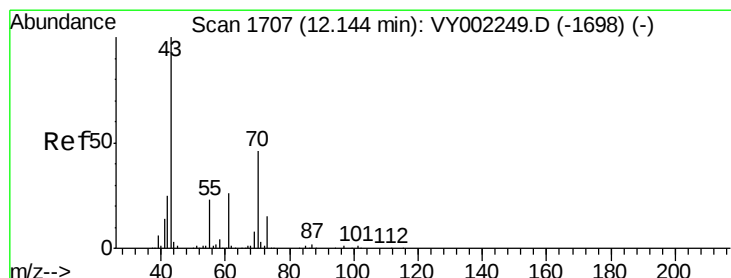
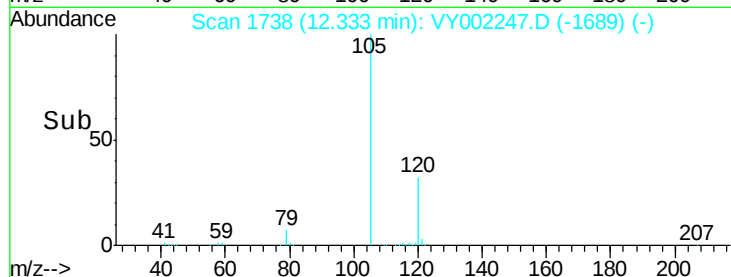
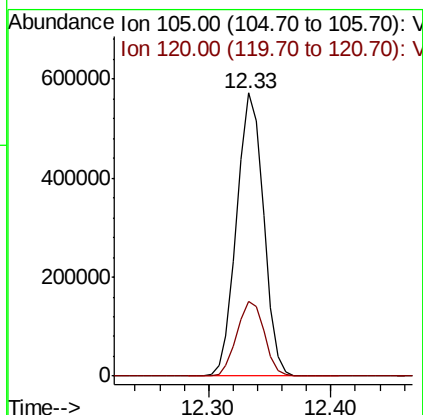
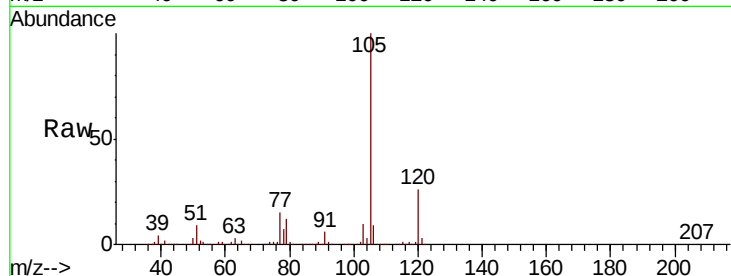
VSTDIC100

Tot Ion:105 Resp: 868520

Ion Ratio Lower Upper

105 100

120 26.8 13.3 39.8



#74

N-ethyl acetate

Concen: 97.586 ug/l

RT: 12.15 min Scan# 1708

Delta R.T. 0.01 min

Lab File: VY002247.D

Acq: 08 Apr 2020 12:52

Tgt Ion: 43 Resp: 252749

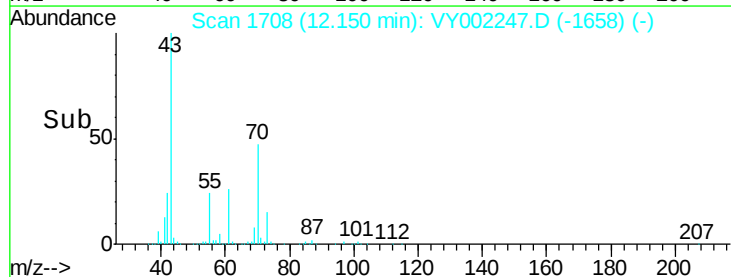
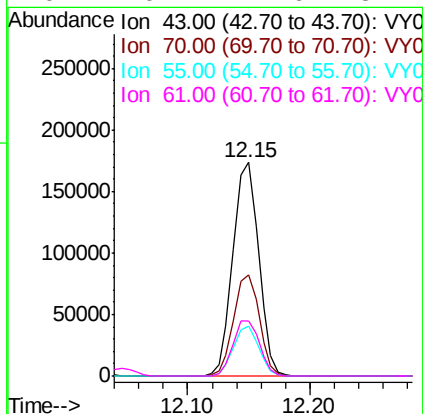
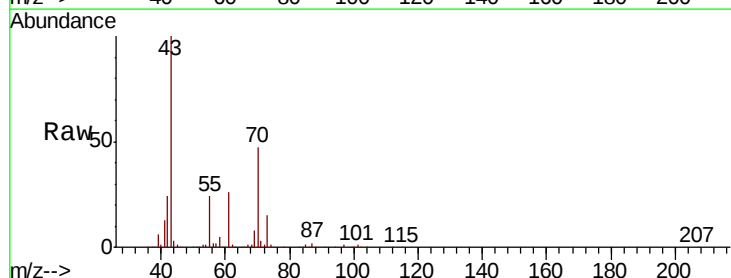
Ion Ratio Lower Upper

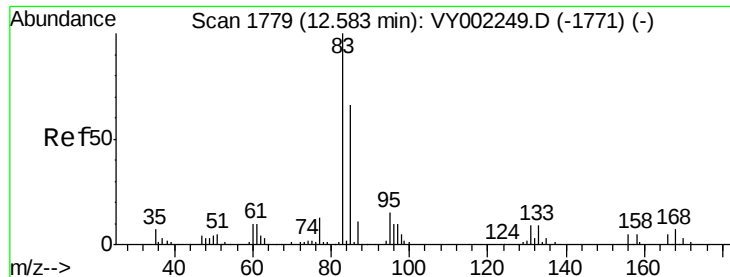
43 100

70 47.3 37.5 56.3

55 23.4 19.0 28.6

61 26.7 21.6 32.4





#75

1,1,2,2-Tetrachloroethane

Concen: 100.677 ug/l

RT: 12.59 min Scan# 1780

Delta R.T. 0.01 min

Lab File: VY002247.D

Acq: 08 Apr 2020 12:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

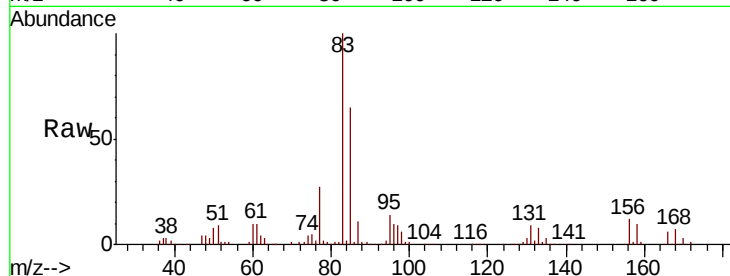
Tot Ion: 83 Resp: 111138

Ion Ratio Lower Upper

83 100

131 9.6 4.9 14.7

85 62.9 32.6 97.8



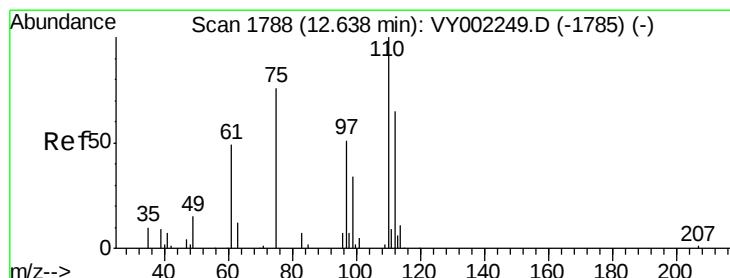
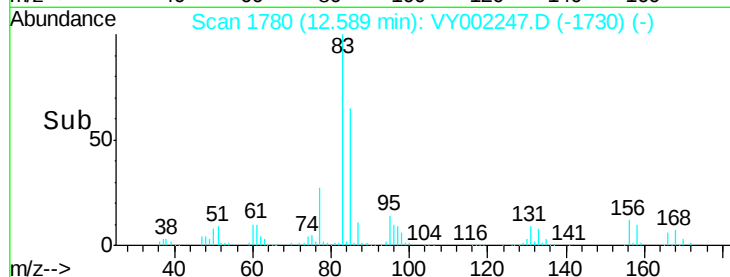
Abundance Ion 82.90 (82.60 to 83.60): VY002247.D (-1770) (-)

Ion 130.80 (130.50 to 131.50): VY002247.D (-1770) (-)

Ion 84.90 (84.60 to 85.60): VY002247.D (-1770) (-)

12.59

Time-->



#76

1,2,3-Trichloropropane

Concen: 104.320 ug/l

RT: 12.64 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VY002247.D

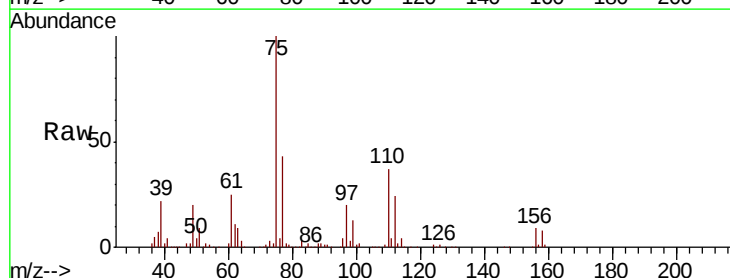
Acq: 08 Apr 2020 12:52

Tgt Ion: 75 Resp: 242734

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

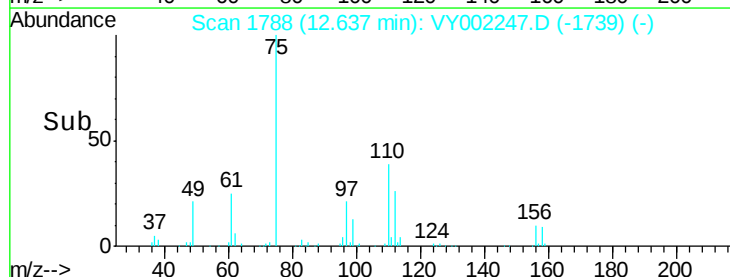


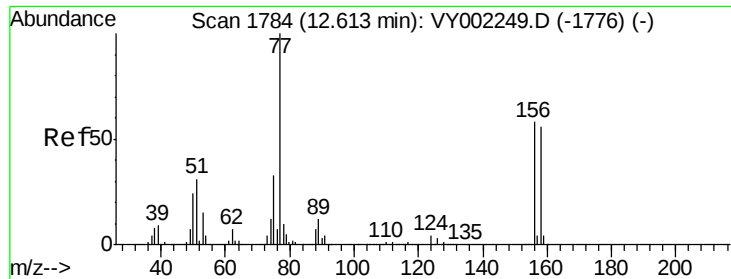
Abundance Ion 74.90 (74.60 to 75.60): VY002247.D (-1739) (-)

Ion 77.00 (76.70 to 77.70): VY002247.D (-1739) (-)

12.64

Time-->





#77

Bromobenzene

Concen: 96.542 ug/l

RT: 12.61 min Scan# 1784

Delta R.T. -0.00 min

Lab File: VY002247.D

Acq: 08 Apr 2020 12:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

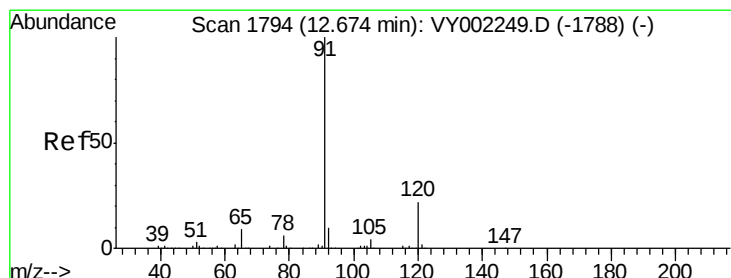
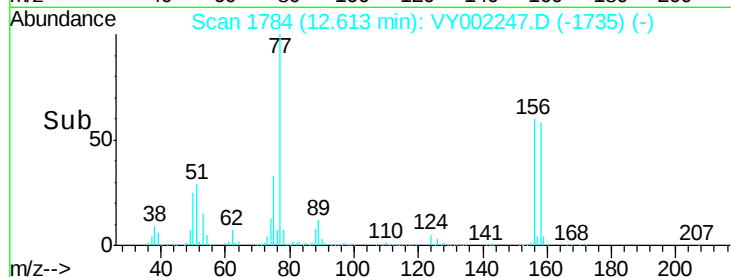
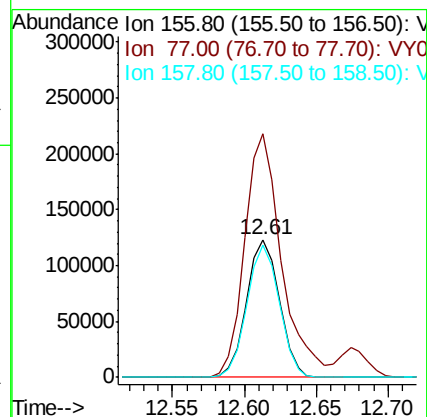
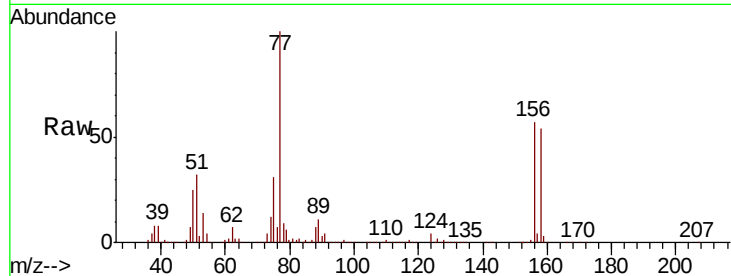
Tot Ion:156 Resp: 193797

Ion Ratio Lower Upper

156 100

77 198.6 101.3 303.9

158 94.8 48.3 144.8



#78

n-propylbenzene

Concen: 93.905 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. -0.00 min

Lab File: VY002247.D

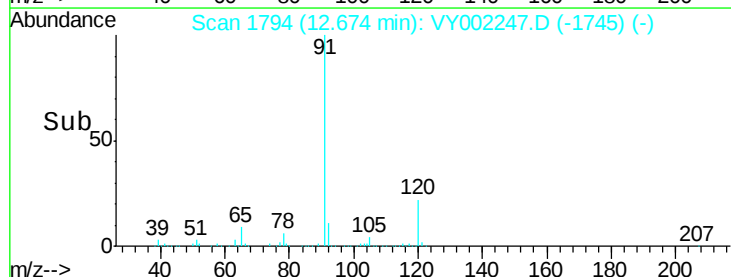
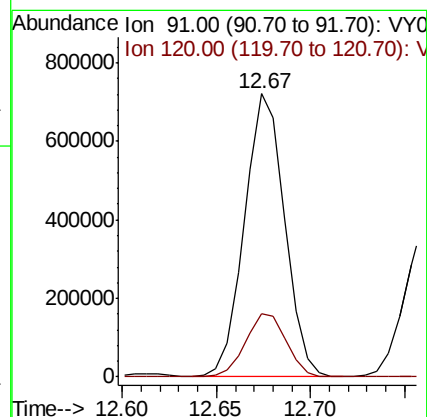
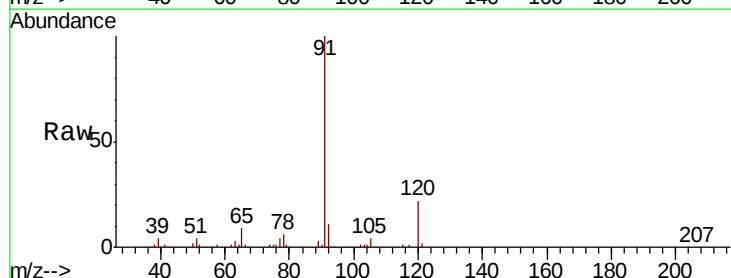
Acq: 08 Apr 2020 12:52

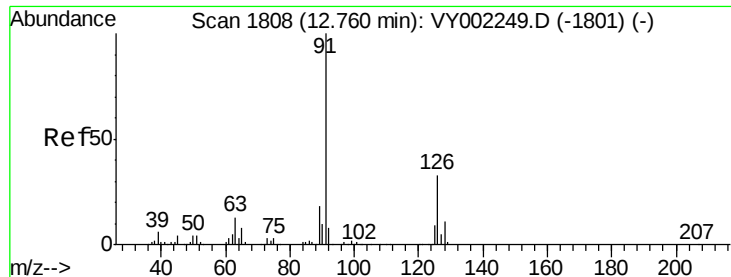
Tgt Ion: 91 Resp: 1065611

Ion Ratio Lower Upper

91 100

120 22.6 11.2 33.5





#79

2-Chlorotoluene

Concen: 94.711 ug/l

RT: 12.76 min Scan# 1808

Delta R.T. -0.00 min

Lab File: VY002247.D

Acq: 08 Apr 2020 12:52

Instrument :

MSVOA_Y

ClientSampleId :

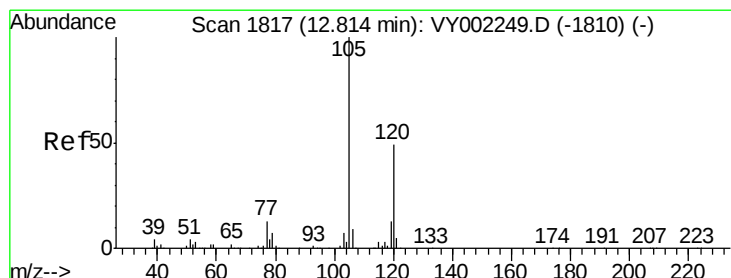
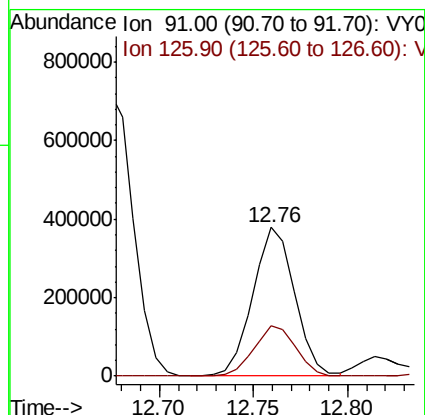
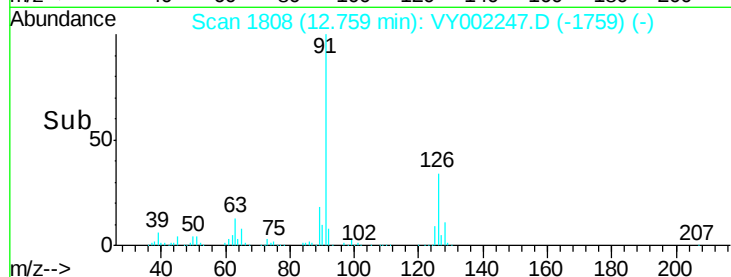
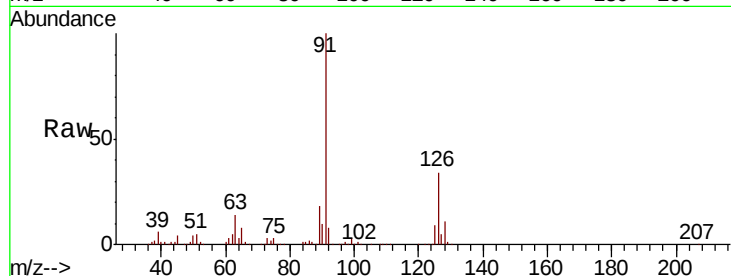
VSTDIC100

Tot Ion: 91 Resp: 584078

Ion Ratio Lower Upper

91 100

126 33.8 16.9 50.7



#80

1,3,5-Trimethylbenzene

Concen: 94.623 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. -0.00 min

Lab File: VY002247.D

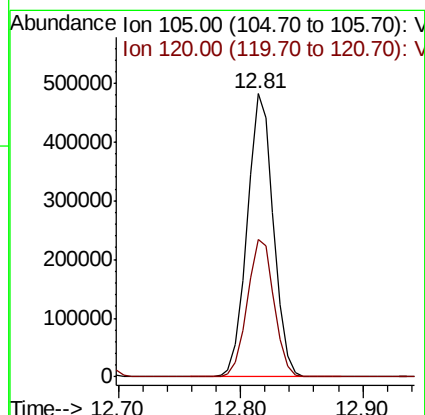
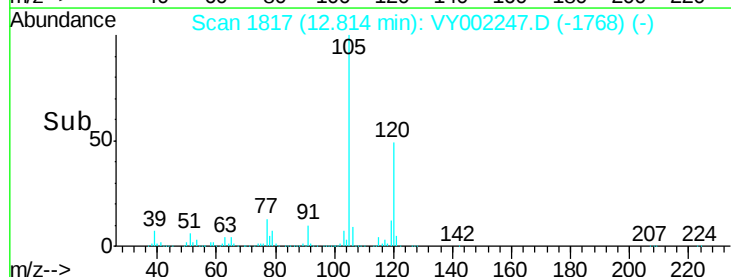
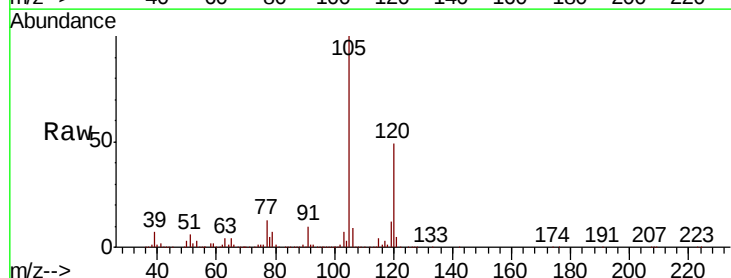
Acq: 08 Apr 2020 12:52

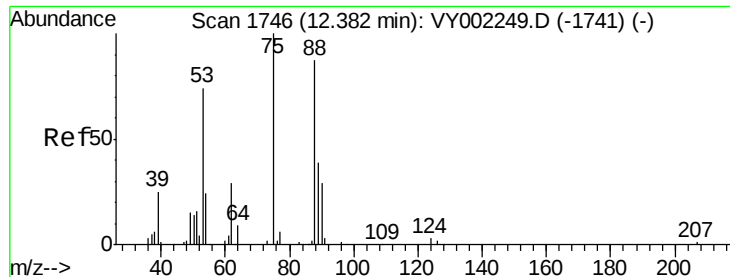
Tgt Ion: 105 Resp: 714015

Ion Ratio Lower Upper

105 100

120 49.7 24.7 74.1





#81

trans-1,4-Dichloro-2-butene

Concen: 100.803 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. -0.00 min

Lab File: VY002247.D

Acq: 08 Apr 2020 12:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

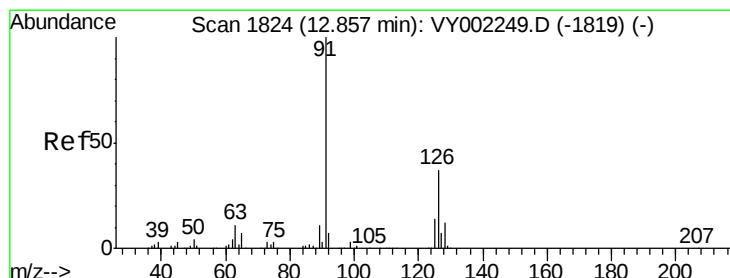
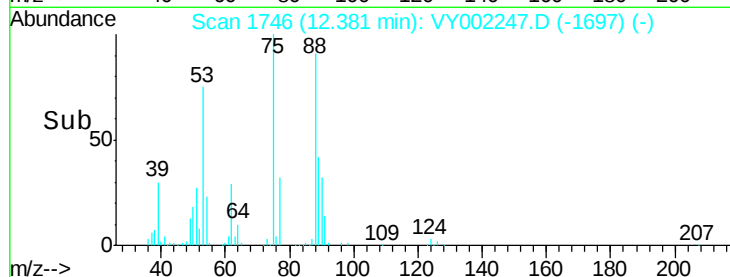
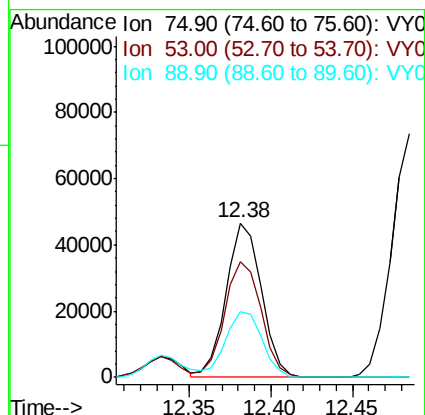
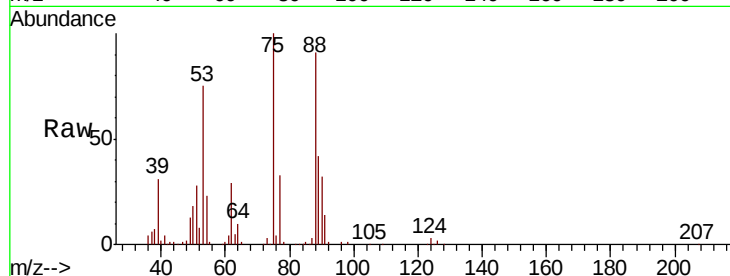
Tot Ion: 75 Resp: 69897

Ion Ratio Lower Upper

75 100

53 78.3 59.8 89.8

89 44.2 37.0 55.6



#82

4-Chlorotoluene

Concen: 92.097 ug/l

RT: 12.86 min Scan# 1824

Delta R.T. -0.00 min

Lab File: VY002247.D

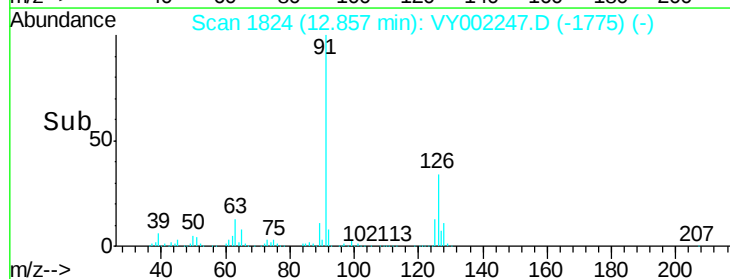
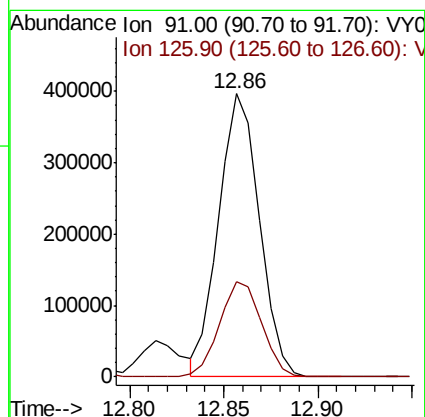
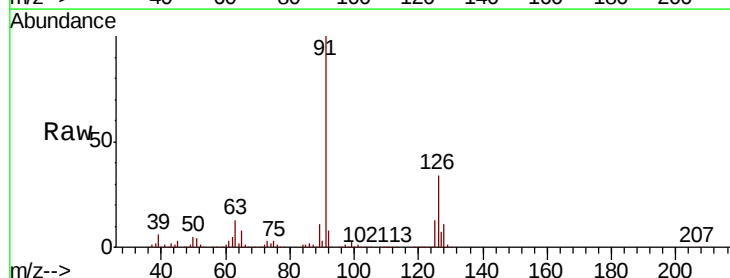
Acq: 08 Apr 2020 12:52

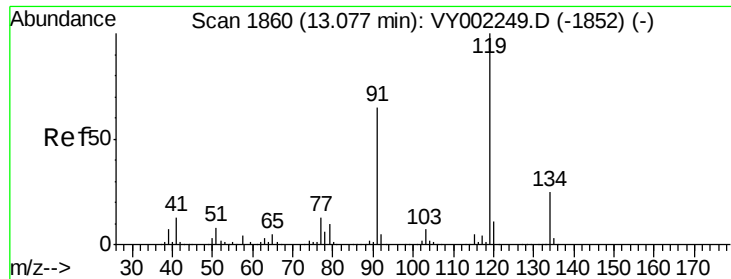
Tgt Ion: 91 Resp: 595280

Ion Ratio Lower Upper

91 100

126 34.8 16.9 50.7

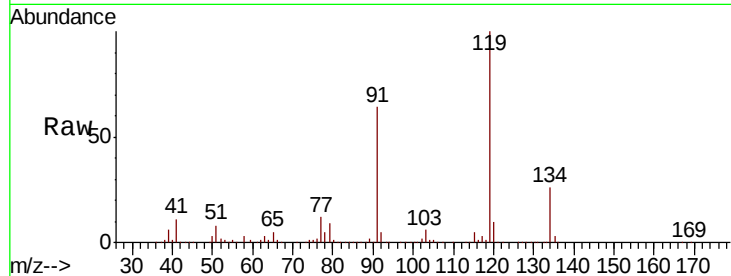




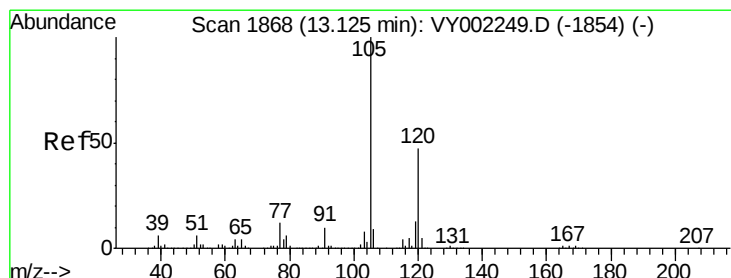
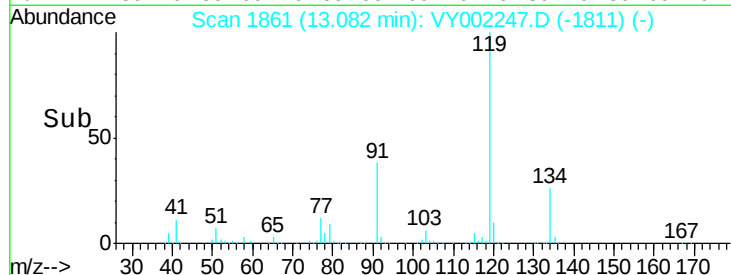
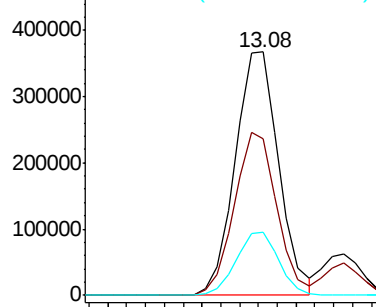
#83
tert-Butylbenzene
Concen: 93.222 ug/l
RT: 13.08 min Scan# 1861
Delta R.T. 0.01 min
Lab File: VY002247.D
Acq: 08 Apr 2020 12:52

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tot Ion:119 Resp: 589225
Ion Ratio Lower Upper
119 100
91 65.3 32.4 97.0
134 25.6 12.6 37.6

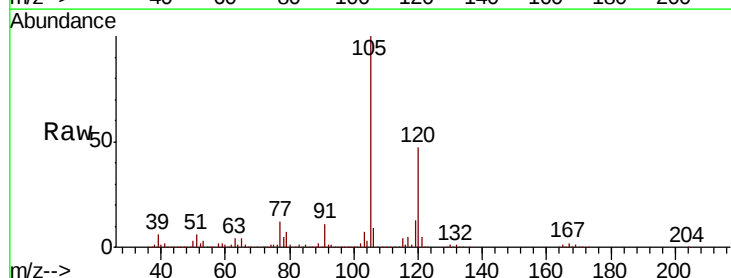


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VY0
Ion 134.00 (133.70 to 134.70): V

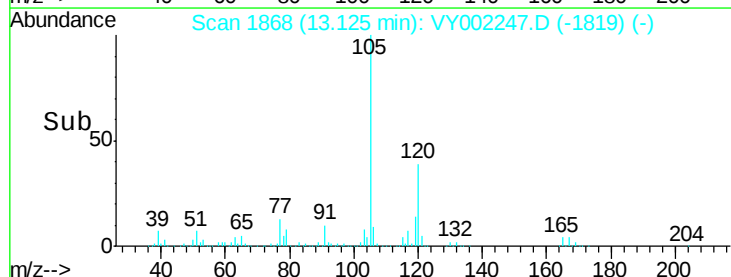
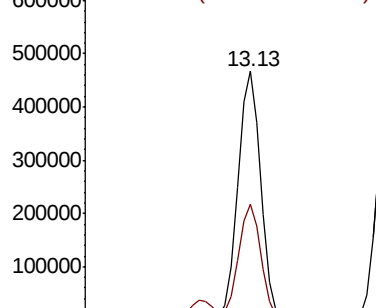


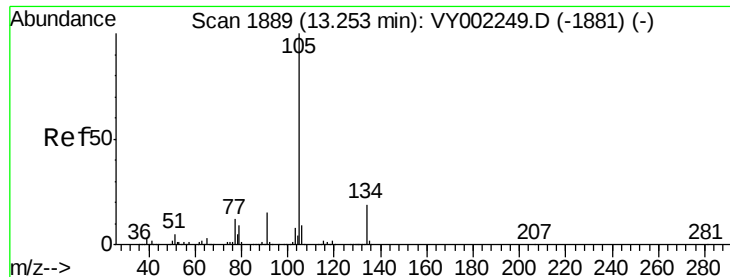
#84
1,2,4-Trimethylbenzene
Concen: 93.857 ug/l
RT: 13.13 min Scan# 1868
Delta R.T. -0.00 min
Lab File: VY002247.D
Acq: 08 Apr 2020 12:52

Tgt Ion:105 Resp: 707228
Ion Ratio Lower Upper
105 100
120 46.1 23.1 69.2



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 92.041 ug/l

RT: 13.26 min Scan# 1890

Delta R.T. 0.01 min

Lab File: VY002247.D

Acq: 08 Apr 2020 12:52

Instrument :

MSVOA_Y

ClientSampleId :

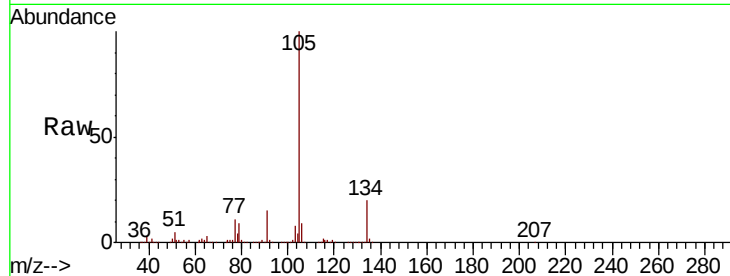
VSTDIC100

Tot Ion:105 Resp: 866638

Ion Ratio Lower Upper

105 100

134 19.7 9.8 29.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.26

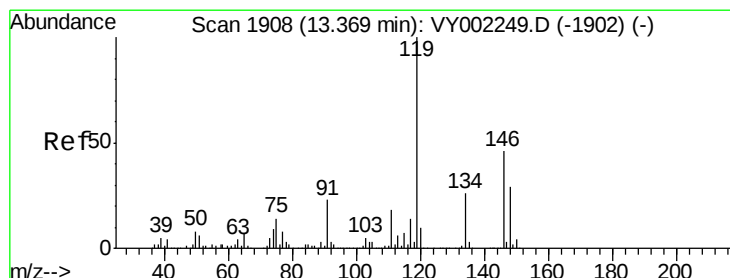
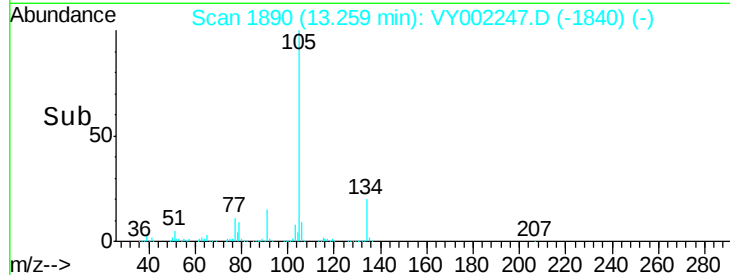
600000

400000

200000

0

Time-->



#86

p-Isopropyltoluene

Concen: 92.352 ug/l

RT: 13.38 min Scan# 1909

Delta R.T. 0.01 min

Lab File: VY002247.D

Acq: 08 Apr 2020 12:52

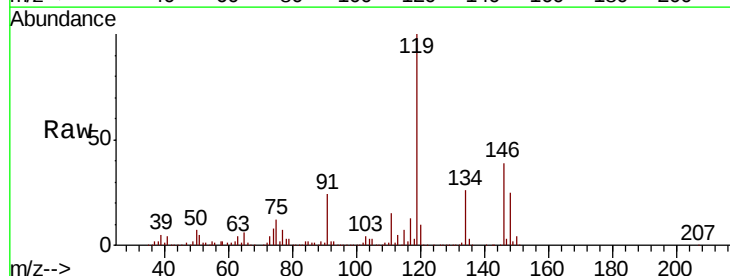
Tgt Ion:119 Resp: 748407

Ion Ratio Lower Upper

119 100

134 26.4 13.3 39.9

91 23.1 11.5 34.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

13.38

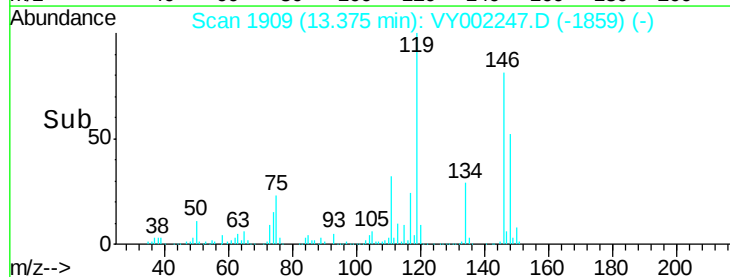
600000

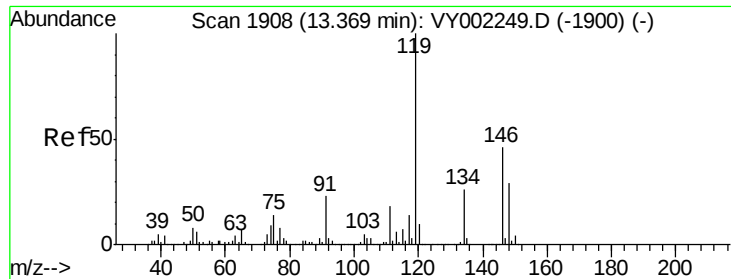
400000

200000

0

Time-->

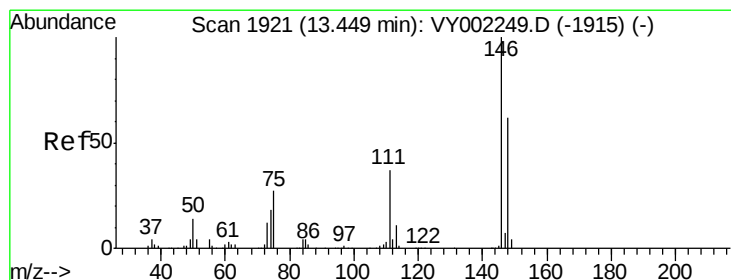
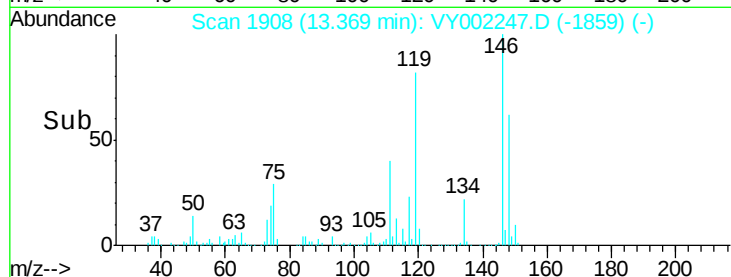
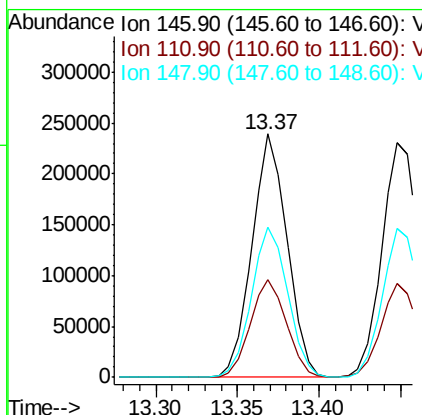
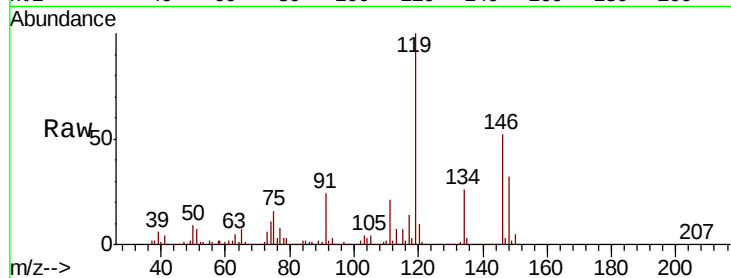




#87
 1,3-Dichlorobenzene
 Concen: 92.198 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. -0.00 min
 Lab File: VY002247.D
 Acq: 08 Apr 2020 12:52

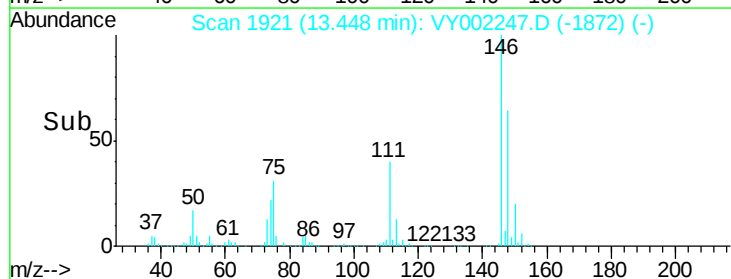
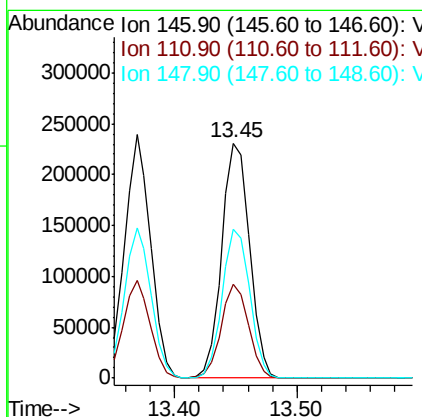
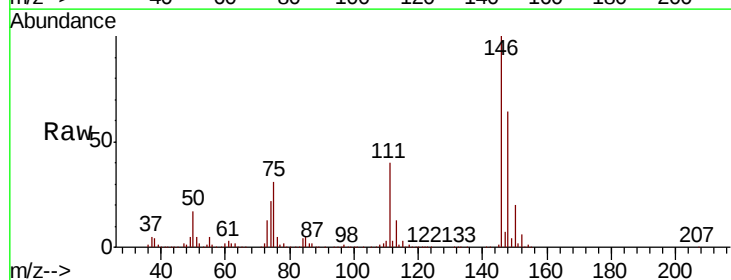
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

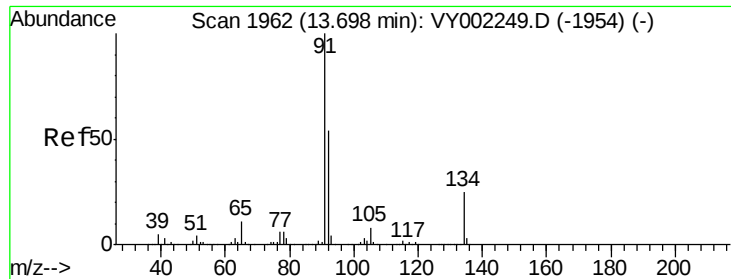
Tot Ion:146 Resp: 358686
 Ion Ratio Lower Upper
 146 100
 111 40.9 20.3 60.8
 148 63.4 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 91.982 ug/l
 RT: 13.45 min Scan# 1921
 Delta R.T. -0.00 min
 Lab File: VY002247.D
 Acq: 08 Apr 2020 12:52

Tgt Ion:146 Resp: 363240
 Ion Ratio Lower Upper
 146 100
 111 39.1 19.6 58.8
 148 62.8 32.0 96.0





#89

n-Butylbenzene

Concen: 90.891 ug/l

RT: 13.70 min Scan# 1962

Delta R.T. -0.00 min

Lab File: VY002247.D

Acq: 08 Apr 2020 12:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

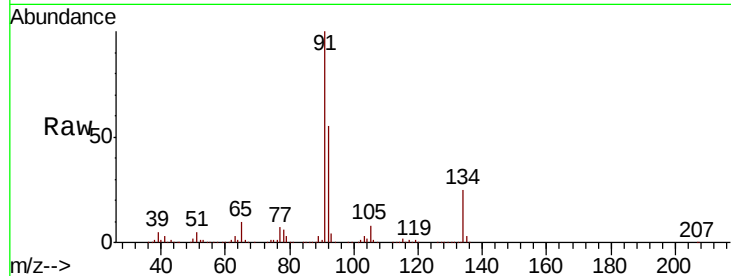
Tot Ion: 91 Resp: 755002

Ion Ratio Lower Upper

91 100

92 54.3 27.2 81.6

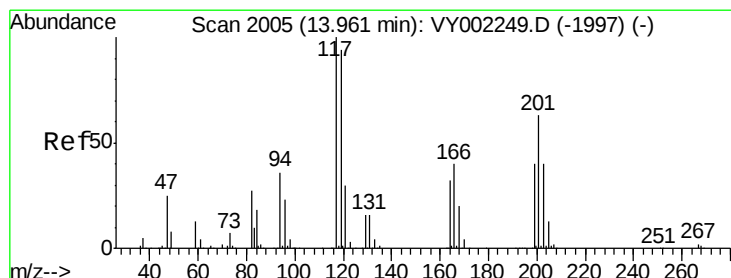
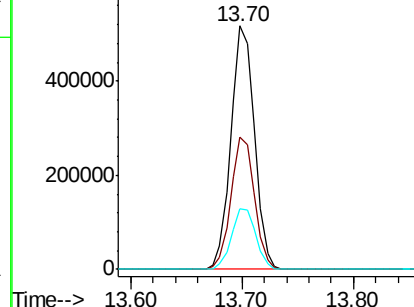
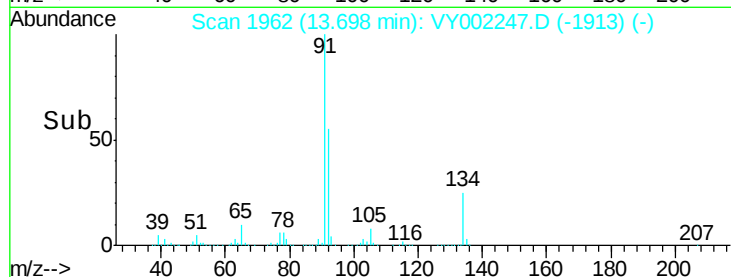
134 25.7 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VY002247.D (-1913) (-)

Ion 92.00 (91.70 to 92.70): VY002247.D (-1913) (-)

Ion 134.00 (133.70 to 134.70): VY002247.D (-1913) (-)



#90

Hexachloroethane

Concen: 94.730 ug/l

RT: 13.97 min Scan# 2006

Delta R.T. 0.01 min

Lab File: VY002247.D

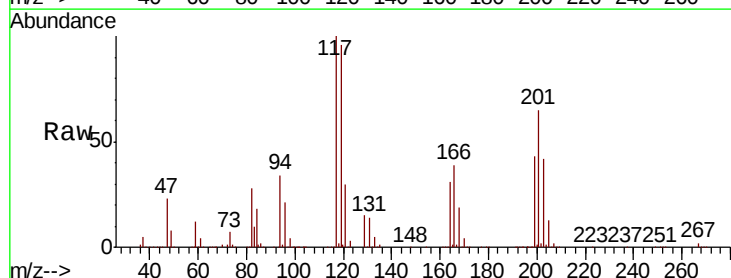
Acq: 08 Apr 2020 12:52

Tgt Ion: 117 Resp: 146287

Ion Ratio Lower Upper

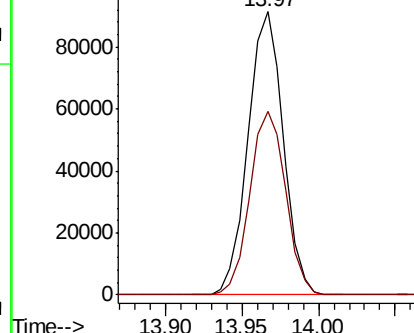
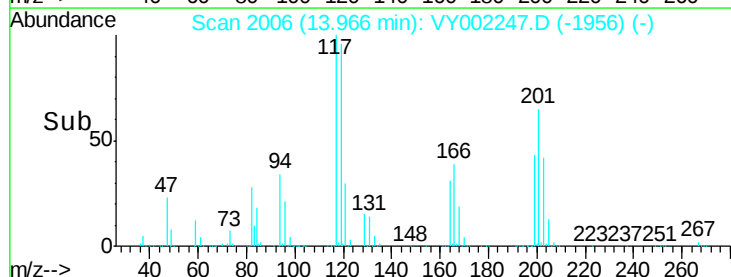
117 100

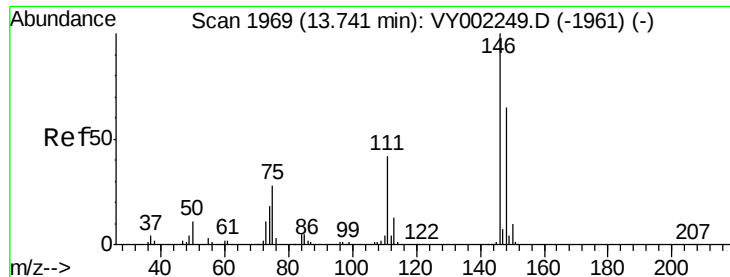
201 65.9 33.1 99.2



Abundance Ion 116.80 (116.50 to 117.50): VY002247.D (-1956) (-)

Ion 200.70 (200.40 to 201.40): VY002247.D (-1956) (-)

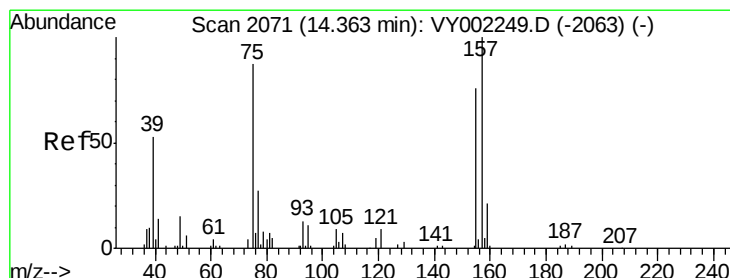
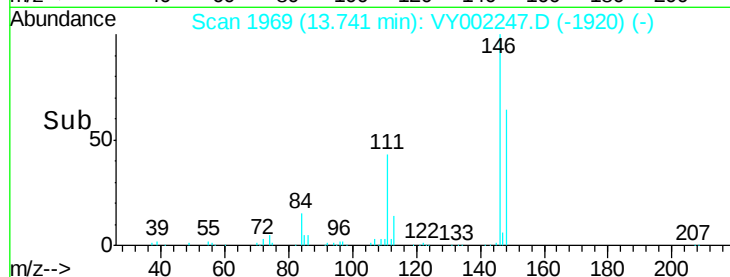
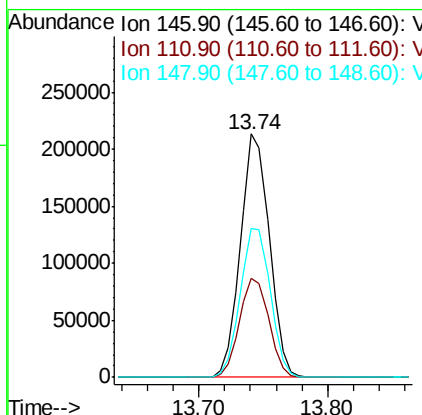
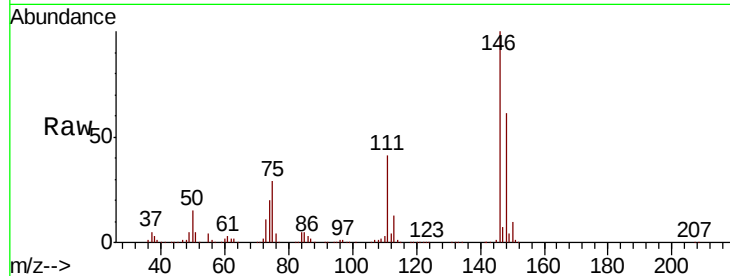




#91
 1,2-Dichlorobenzene
 Concen: 93.711 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. -0.00 min
 Lab File: VY002247.D
 Acq: 08 Apr 2020 12:52

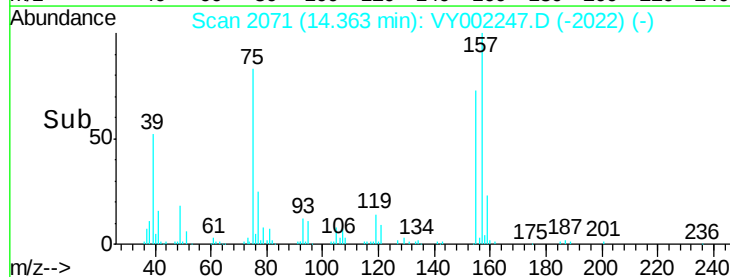
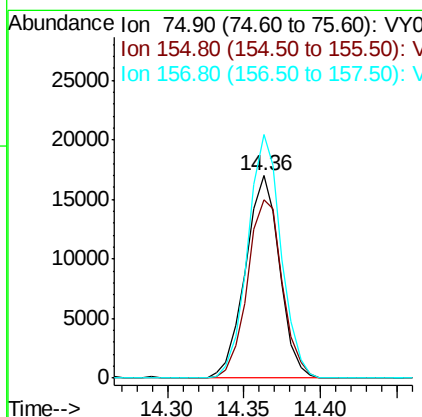
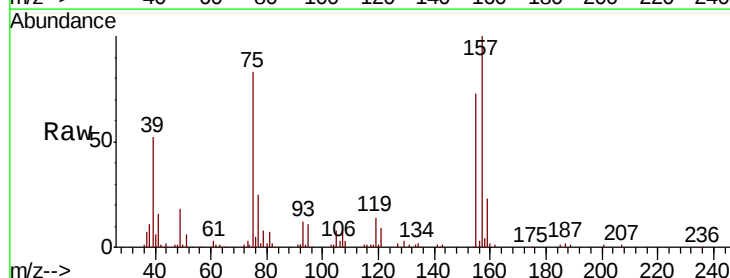
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

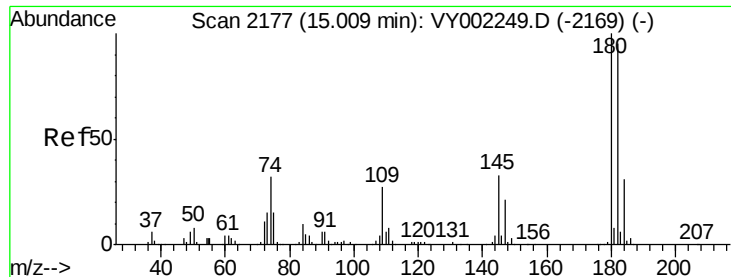
Tot Ion:146 Resp: 331274
 Ion Ratio Lower Upper
 146 100
 111 41.5 21.1 63.1
 148 63.3 31.9 95.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 98.916 ug/l
 RT: 14.36 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VY002247.D
 Acq: 08 Apr 2020 12:52

Tgt Ion: 75 Resp: 26409
 Ion Ratio Lower Upper
 75 100
 155 89.4 43.6 130.8
 157 117.1 56.0 168.2

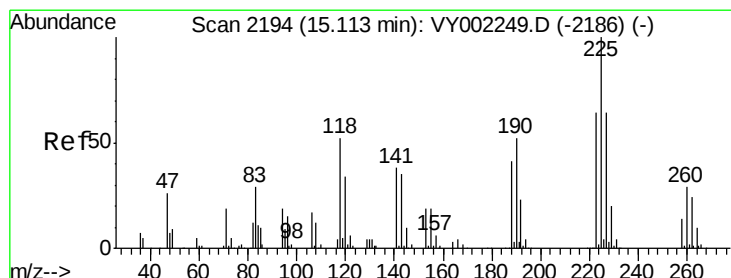
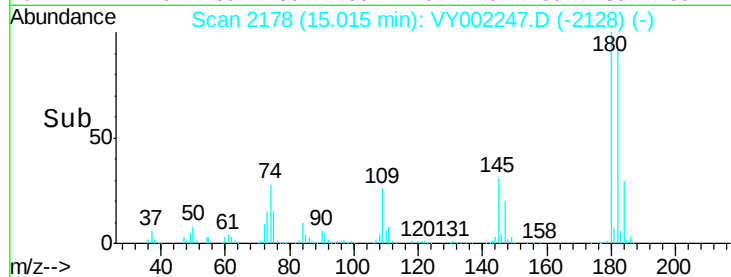
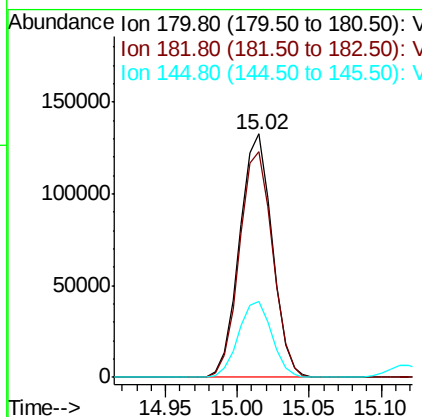
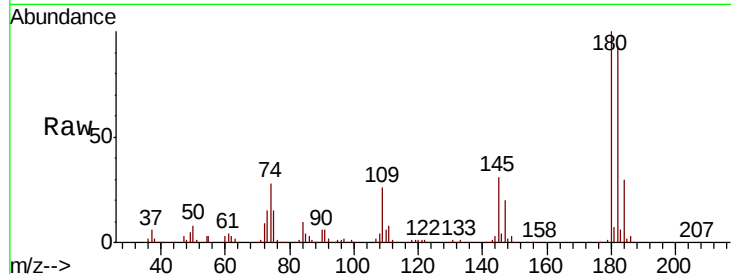




#93
 1,2,4-Trichlorobenzene
 Concen: 90.209 ug/l
 RT: 15.02 min Scan# 2178
 Delta R.T. 0.01 min
 Lab File: VY002247.D
 Acq: 08 Apr 2020 12:52

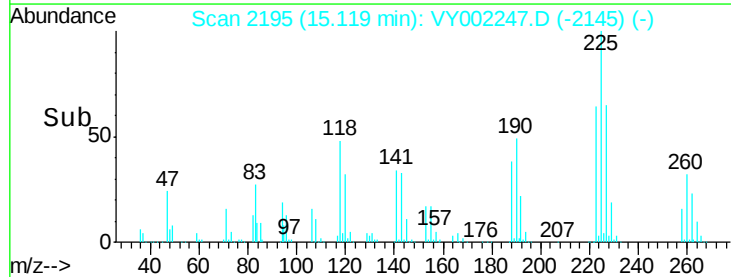
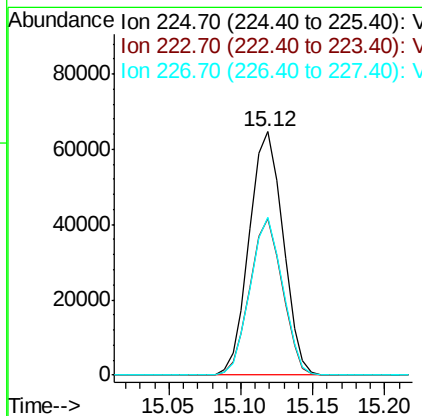
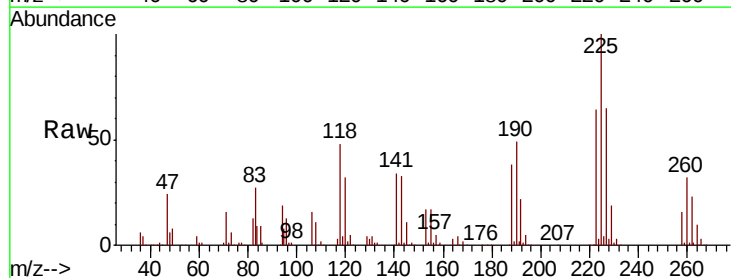
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

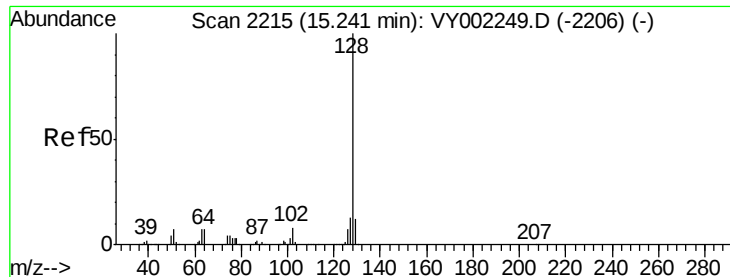
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.2	47.9	143.7
145	31.8	16.0	48.0



#94
 Hexachlorobutadiene
 Concen: 90.249 ug/l
 RT: 15.12 min Scan# 2195
 Delta R.T. 0.01 min
 Lab File: VY002247.D
 Acq: 08 Apr 2020 12:52

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.0	31.0	93.0
227	62.3	31.3	93.9





#95

Naphthalene

Concen: 96.984 ug/l

RT: 15.24 min Scan# 2215

Delta R.T. -0.00 min

Lab File: VY002247.D

Acq: 08 Apr 2020 12:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

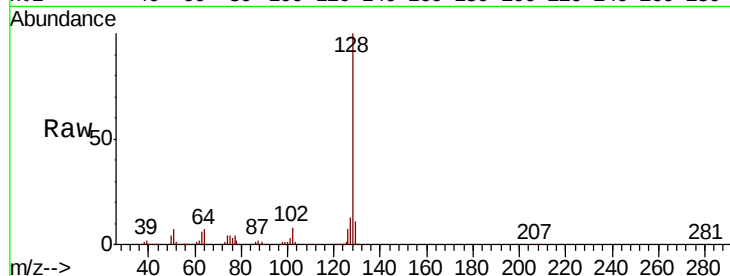
Tot Ion:128 Resp: 490659

Ion Ratio Lower Upper

128 100

127 12.5 10.1 15.1

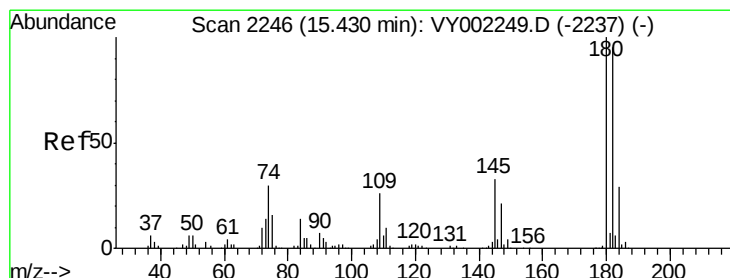
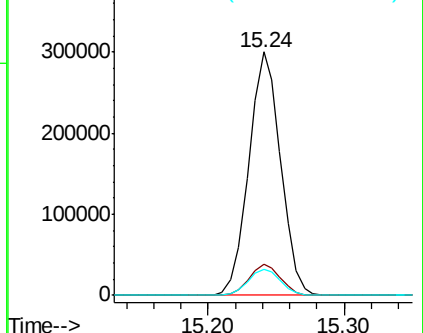
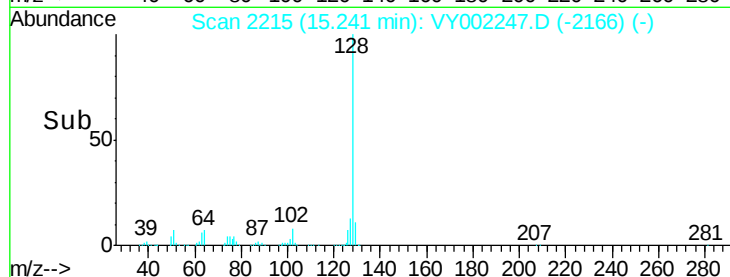
129 11.1 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 90.578 ug/l

RT: 15.43 min Scan# 2246

Delta R.T. -0.00 min

Lab File: VY002247.D

Acq: 08 Apr 2020 12:52

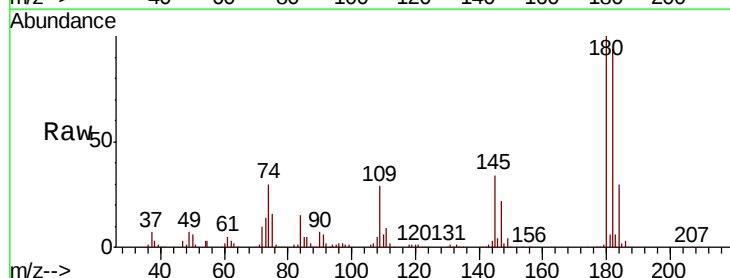
Tgt Ion:180 Resp: 181732

Ion Ratio Lower Upper

180 100

182 94.4 47.1 141.3

145 33.8 16.7 50.1



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

