

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY041620\
 Data File : VY002358.D
 Acq On : 16 Apr 2020 11:56
 Operator : SY/MD
 Sample : VY0416SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 17 07:03:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y040820S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 08 15:15:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	163217	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	292101	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	260421	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	118104	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	82987	45.72	ug/l	0.00
Spiked Amount			Recovery	=	91.44%	
35) Dibromofluoromethane	7.73	113	89397	51.43	ug/l	0.00
Spiked Amount			Recovery	=	102.86%	
50) Toluene-d8	10.18	98	369011	50.72	ug/l	0.00
Spiked Amount			Recovery	=	101.44%	
62) 4-Bromofluorobenzene	12.49	95	123194	51.33	ug/l	0.00
Spiked Amount			Recovery	=	102.66%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	30407	18.433	ug/l	97
3) Chloromethane	2.12	50	38994	18.783	ug/l	97
4) Vinyl Chloride	2.26	62	42149	19.074	ug/l	97
5) Bromomethane	2.65	94	26670	19.544	ug/l	92
6) Chloroethane	2.80	64	24867	19.513	ug/l	95
7) Trichlorofluoromethane	3.13	101	56467	19.787	ug/l	99
8) Diethyl Ether	3.54	74	25203	20.774	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	3.91	101	40773	21.033	ug/l	97
10) Methyl Iodide	4.10	142	43165	19.157	ug/l	99
11) Tert butyl alcohol	4.97	59	22575	96.146	ug/l #	90
12) 1,1-Dichloroethene	3.88	96	41510	21.062	ug/l	89
13) Acrolein	3.74	56	18914	80.818	ug/l	98
14) Allyl chloride	4.49	41	59219	18.608	ug/l	93
15) Acrylonitrile	5.18	53	59450	95.825	ug/l	100
16) Acetone	3.96	43	43520	91.034	ug/l	94
17) Carbon Disulfide	4.21	76	133077	20.332	ug/l	100
18) Methyl Acetate	4.49	43	26540	17.898	ug/l	97
19) Methyl tert-butyl Ether	5.24	73	101267	19.545	ug/l	96
20) Methylene Chloride	4.73	84	53786	22.890	ug/l	90
21) trans-1,2-Dichloroethene	5.24	96	45602	20.615	ug/l	96
22) Diisopropyl ether	6.13	45	122106	19.065	ug/l	98
23) Vinyl Acetate	6.08	43	376538	92.257	ug/l	96
24) 1,1-Dichloroethane	6.04	63	72517	19.906	ug/l	99
25) 2-Butanone	7.00	43	67418	89.111	ug/l	98
26) 2,2-Dichloropropane	6.99	77	58430	19.174	ug/l	97
27) cis-1,2-Dichloroethene	7.00	96	49868	20.680	ug/l	94
28) Bromochloromethane	7.35	49	30327	19.285	ug/l	94
29) Tetrahydrofuran	7.36	42	44197	88.376	ug/l	95
30) Chloroform	7.52	83	68263	19.879	ug/l	100
31) Cyclohexane	7.79	56	74514	19.486	ug/l	92
32) 1,1,1-Trichloroethane	7.71	97	57576	20.144	ug/l	99
36) 1,1-Dichloropropene	7.92	75	57242	19.895	ug/l	96
37) Ethyl Acetate	7.08	43	29890	18.185	ug/l	96
38) Carbon Tetrachloride	7.91	117	49433	20.086	ug/l	98

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 Misc : 5.00G/5ML/MSVOA Y/SOIL
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.19	83	79656	20.353	ug/l	95
40) Benzene	8.17	78	179932	20.612	ug/l	100
41) Methacrylonitrile	7.36	41	37859	39.045	ug/l #	100
42) 1,2-Dichloroethane	8.25	62	40023	18.509	ug/l	95
43) Isopropyl Acetate	8.28	43	54653	18.232	ug/l	96
44) Trichloroethene	8.94	130	52636	20.509	ug/l	94
45) 1,2-Dichloropropane	9.22	63	43017	19.861	ug/l	100
46) Dibromomethane	9.31	93	23071	20.373	ug/l	98
47) Bromodichloromethane	9.50	83	52217	20.096	ug/l	96
48) Methyl methacrylate	9.30	41	23143	17.218	ug/l	90
49) 1,4-Dioxane	9.31	88	5896	368.059	ug/l	97
51) 4-Methyl-2-Pentanone	10.07	43	141716	90.725	ug/l	97
52) Toluene	10.25	92	109389	20.793	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	55833	19.721	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	68657	20.171	ug/l	96
55) 1,1,2-Trichloroethane	10.64	97	35055	21.143	ug/l	98
56) Ethyl methacrylate	10.51	69	46595	19.691	ug/l	92
57) 1,3-Dichloropropane	10.80	76	60158	20.643	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	123797	101.026	ug/l	97
59) 2-Hexanone	10.83	43	98652	90.999	ug/l	96
60) Dibromochloromethane	10.99	129	35957	20.339	ug/l	99
61) 1,2-Dibromoethane	11.09	107	31916	20.221	ug/l	99
64) Tetrachloroethene	10.72	164	54588	20.733	ug/l	93
65) Chlorobenzene	11.52	112	114481	21.148	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	37110	20.763	ug/l	97
67) Ethyl Benzene	11.60	91	205663	20.753	ug/l	100
68) m/p-Xylenes	11.70	106	155028	41.766	ug/l	98
69) o-Xylene	12.03	106	74427	21.358	ug/l	95
70) Styrene	12.05	104	127227	21.043	ug/l	99
71) Bromoform	12.21	173	20241	20.825	ug/l #	100
73) Isopropylbenzene	12.33	105	193602	20.866	ug/l	100
74) N-amyl acetate	12.14	43	49087	18.637	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.58	83	24493	21.819	ug/l	100
76) 1,2,3-Trichloropropane	12.64	75	49074	35.783	ug/l #	100
77) Bromobenzene	12.61	156	43553	21.336	ug/l	95
78) n-propylbenzene	12.67	91	237409	20.573	ug/l	100
79) 2-Chlorotoluene	12.76	91	130230	20.767	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	161543	21.052	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	13802	19.574	ug/l	99
82) 4-Chlorotoluene	12.86	91	134858	20.517	ug/l	99
83) tert-Butylbenzene	13.08	119	135370	21.061	ug/l	98
84) 1,2,4-Trimethylbenzene	13.12	105	159980	20.878	ug/l	100
85) sec-Butylbenzene	13.25	105	201441	21.038	ug/l	100
86) p-Isopropyltoluene	13.37	119	174552	21.181	ug/l	99
87) 1,3-Dichlorobenzene	13.37	146	83980	21.228	ug/l	98
88) 1,4-Dichlorobenzene	13.45	146	81831	20.377	ug/l	98
89) n-Butylbenzene	13.70	91	174335	20.639	ug/l	100
90) Hexachloroethane	13.96	117	31438	20.020	ug/l	100
91) 1,2-Dichlorobenzene	13.74	146	75868	21.105	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	5068	18.667	ug/l	94

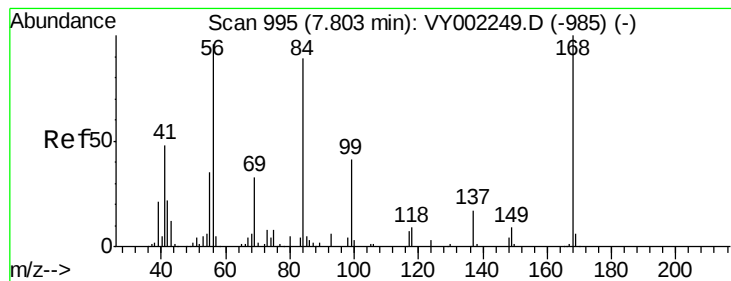
Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY041620\
Data File : VY002358.D
Acq On : 16 Apr 2020 11:56
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Quant Time: Apr 17 07:03:54 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y040820S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 08 15:15:02 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	48136	20.486	ug/l	98
94) Hexachlorobutadiene	15.11	225	24114	20.376	ug/l	96
95) Naphthalene	15.24	128	101109	19.653	ug/l	100
96) 1,2,3-Trichlorobenzene	15.43	180	41441	20.312	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY002358.D

Acq: 16 Apr 2020 11:56

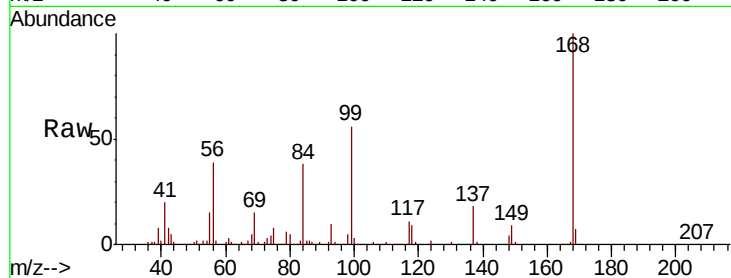
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:168 Resp: 163217

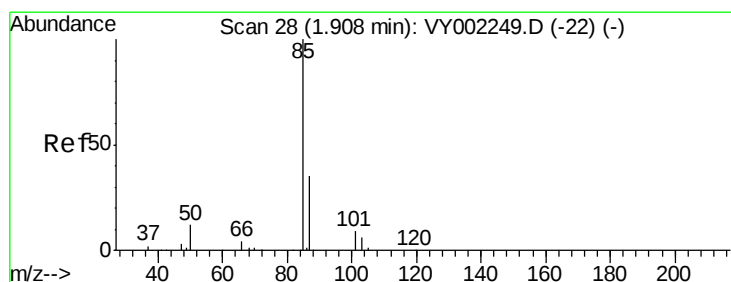
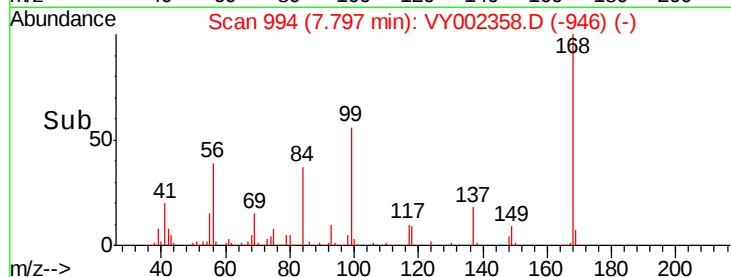
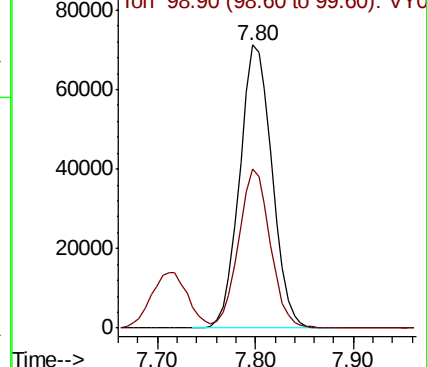
Ion Ratio Lower Upper

168 100

99 56.2 48.0 72.0



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



#2

Dichlorodifluoromethane

Concen: 18.433 ug/l

RT: 1.91 min Scan# 28

Delta R.T. -0.00 min

Lab File: VY002358.D

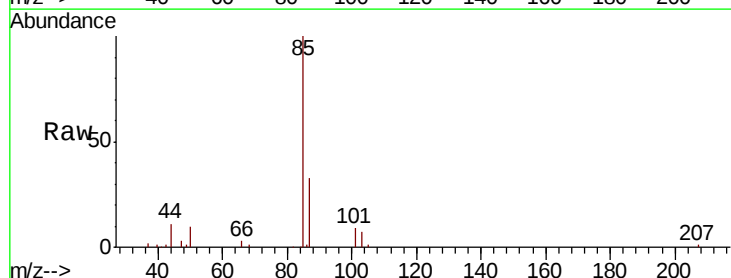
Acq: 16 Apr 2020 11:56

Tgt Ion: 85 Resp: 30407

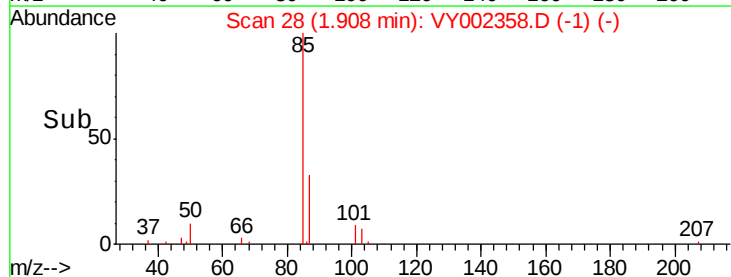
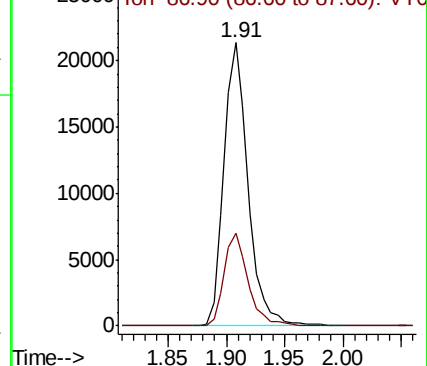
Ion Ratio Lower Upper

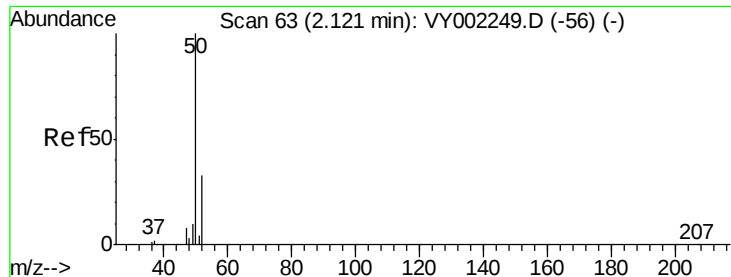
85 100

87 32.9 17.3 51.9



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





#3

Chloromethane

Concen: 18.783 ug/l

RT: 2.12 min Scan# 63

Delta R.T. -0.00 min

Lab File: VY002358.D

Acq: 16 Apr 2020 11:56

Instrument :

MSVOA_Y

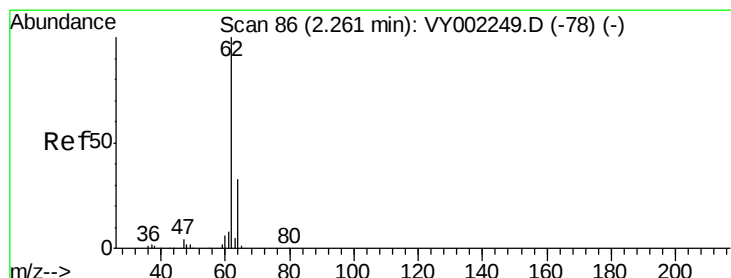
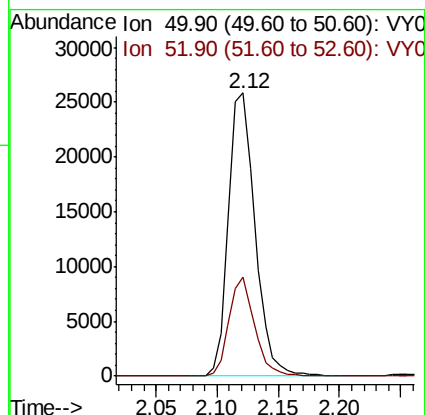
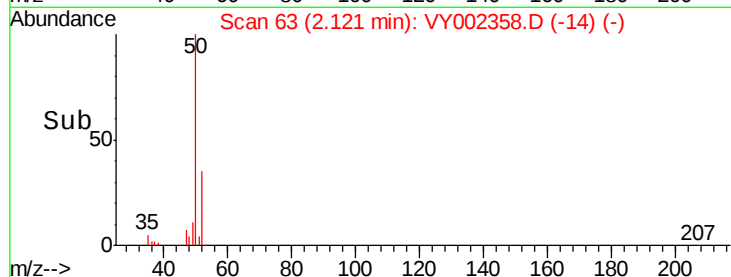
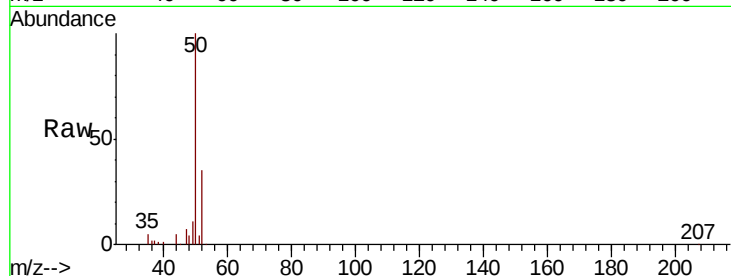
ClientSampleId :

Tot Ion: 50 Resp: 38994

Ion Ratio Lower Upper

50 100

52 35.2 26.6 39.8



#4

Vinyl Chloride

Concen: 19.074 ug/l

RT: 2.26 min Scan# 85

Delta R.T. -0.01 min

Lab File: VY002358.D

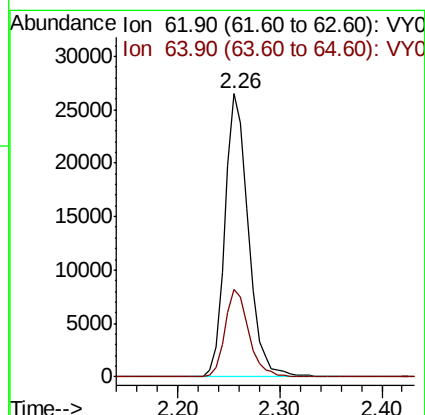
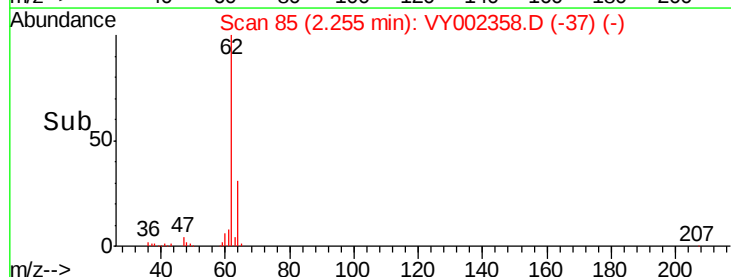
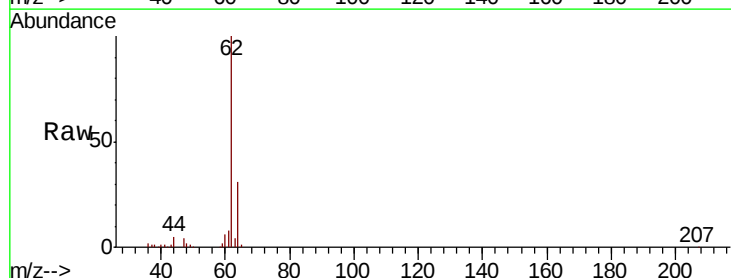
Acq: 16 Apr 2020 11:56

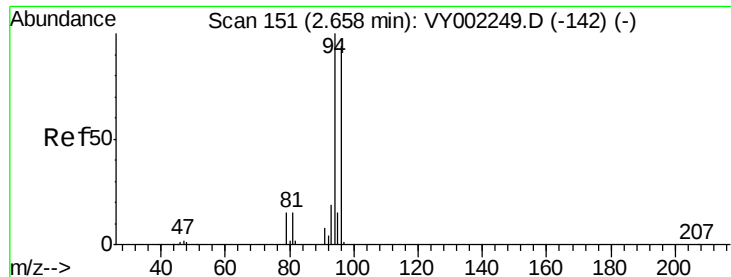
Tgt Ion: 62 Resp: 42149

Ion Ratio Lower Upper

62 100

64 30.9 26.2 39.2





#5

Bromomethane

Concen: 19.544 ug/l

RT: 2.65 min Scan# 150

Delta R.T. -0.01 min

Lab File: VY002358.D

Acq: 16 Apr 2020 11:56

Instrument :

MSVOA_Y

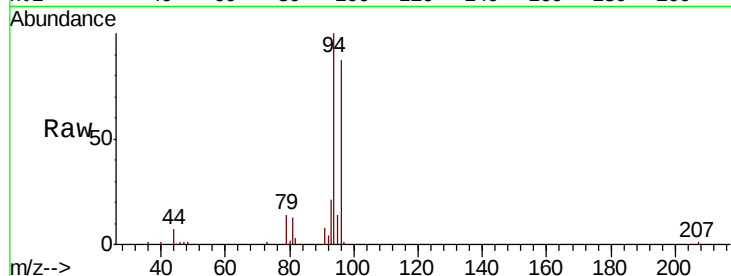
ClientSampled :

Tot Ion: 94 Resp: 26670

Ion Ratio Lower Upper

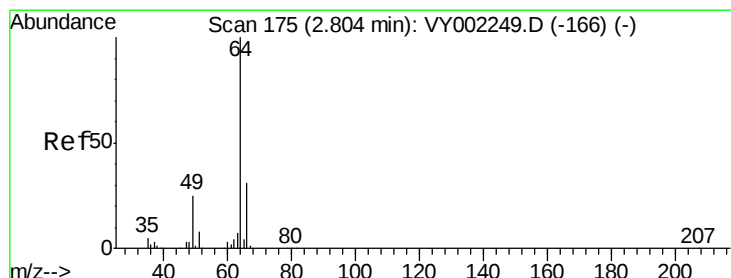
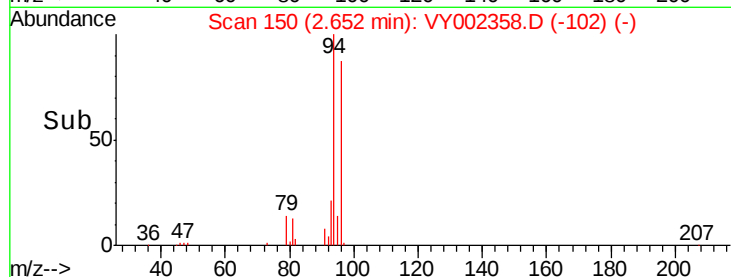
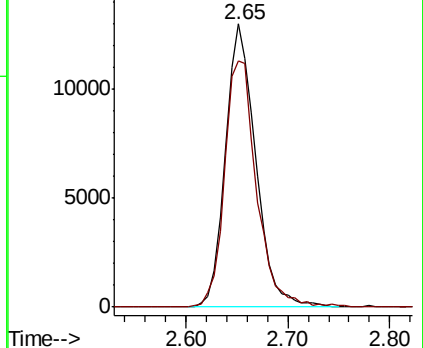
94 100

96 86.9 75.6 113.4



Abundance Ion 93.90 (93.60 to 94.60): VY002249.D (-142) (-)

Ion 95.90 (95.60 to 96.60): VY002358.D (-102) (-)



#6

Chloroethane

Concen: 19.513 ug/l

RT: 2.80 min Scan# 174

Delta R.T. -0.01 min

Lab File: VY002358.D

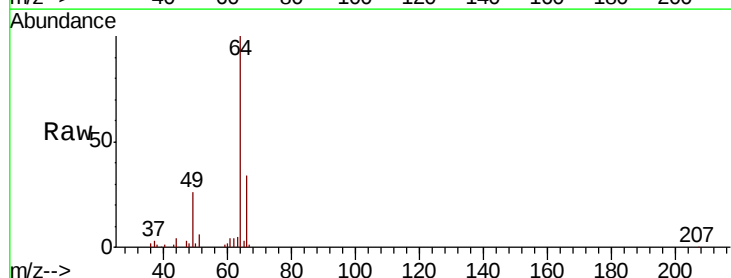
Acq: 16 Apr 2020 11:56

Tgt Ion: 64 Resp: 24867

Ion Ratio Lower Upper

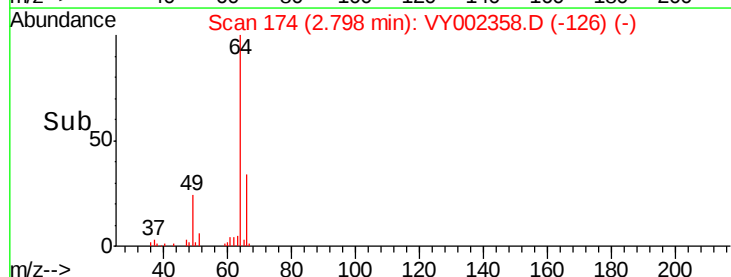
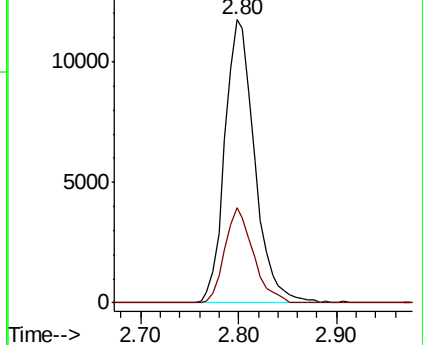
64 100

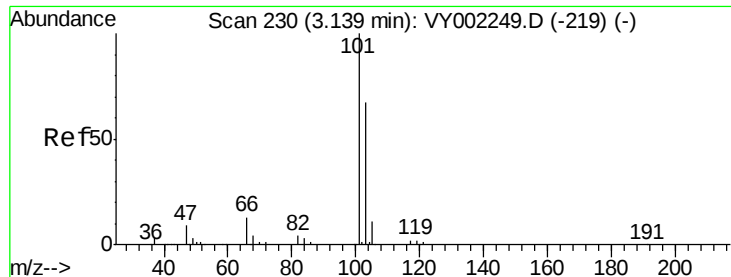
66 33.6 24.6 37.0



Abundance Ion 63.90 (63.60 to 64.60): VY002249.D (-166) (-)

Ion 65.90 (65.60 to 66.60): VY002358.D (-126) (-)



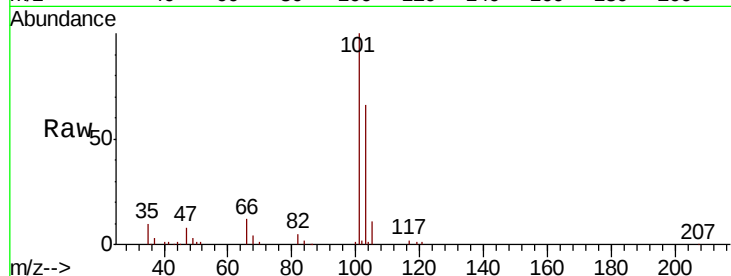


#7

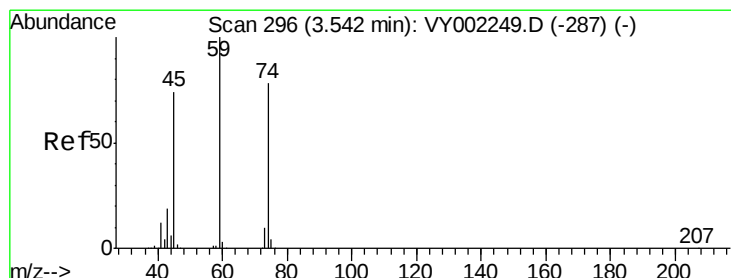
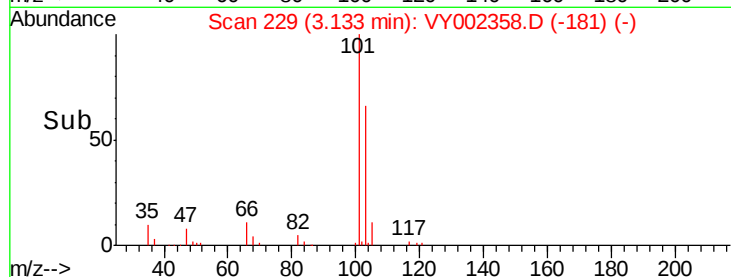
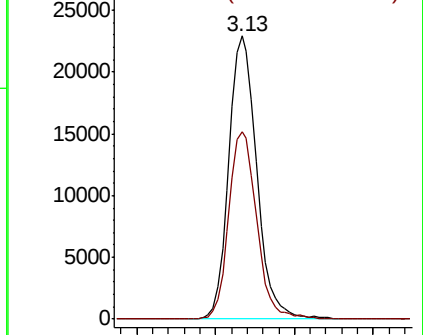
Trichlorofluoromethane
Concen: 19.787 ug/l
RT: 3.13 min Scan# 229
Delta R.T. -0.01 min
Lab File: VY002358.D
Acq: 16 Apr 2020 11:56

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:101 Resp: 56467
Ion Ratio Lower Upper
101 100
103 66.1 53.3 79.9



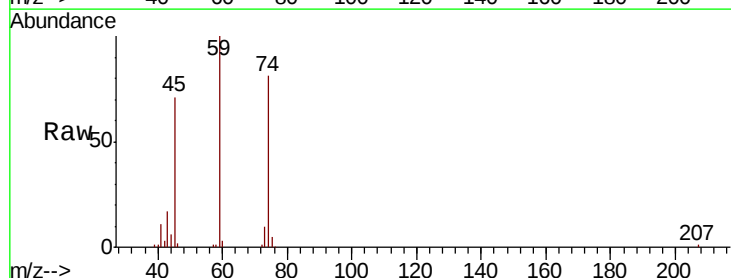
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



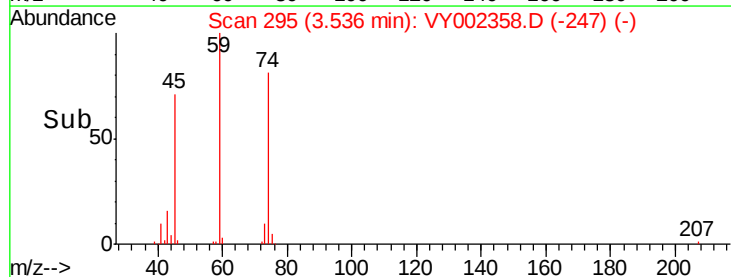
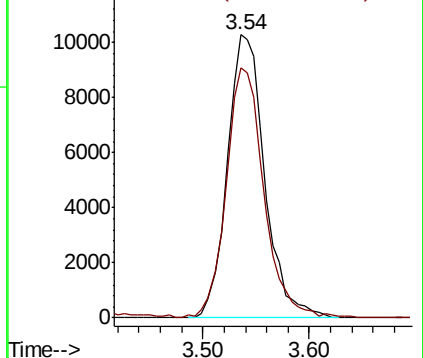
#8

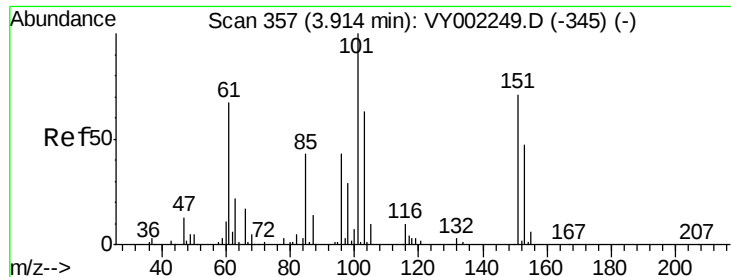
Diethyl Ether
Concen: 20.774 ug/l
RT: 3.54 min Scan# 295
Delta R.T. -0.01 min
Lab File: VY002358.D
Acq: 16 Apr 2020 11:56

Tgt Ion: 74 Resp: 25203
Ion Ratio Lower Upper
74 100
45 89.5 48.0 144.2



Abundance Ion 74.00 (73.70 to 74.70): VY0
Ion 45.00 (44.70 to 45.70): VY0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.033 ug/l

RT: 3.91 min Scan# 357

Delta R.T. -0.00 min

Lab File: VY002358.D

Acq: 16 Apr 2020 11:56

Instrument :

MSVOA_Y

ClientSampleId :

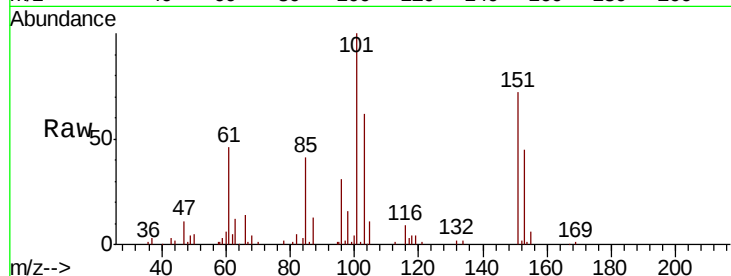
Tot Ion:101 Resp: 40773

Ion Ratio Lower Upper

101 100

85 40.9 34.6 52.0

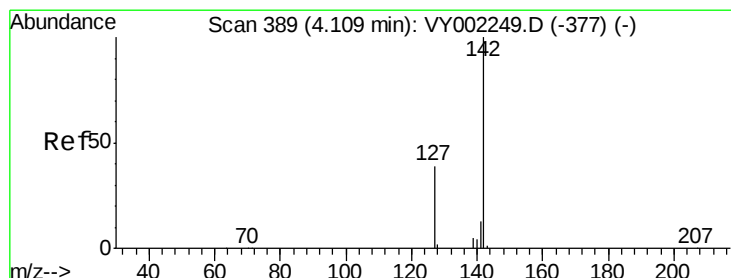
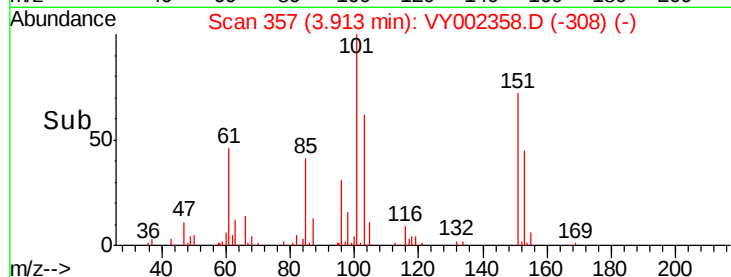
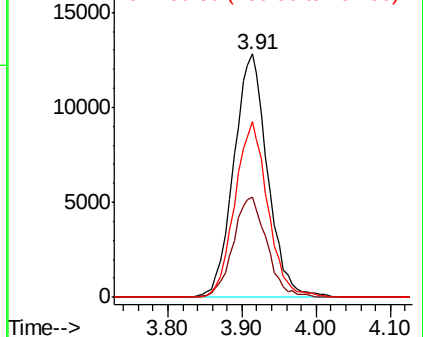
151 70.4 57.6 86.4



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: 19.157 ug/l

RT: 4.10 min Scan# 388

Delta R.T. -0.01 min

Lab File: VY002358.D

Acq: 16 Apr 2020 11:56

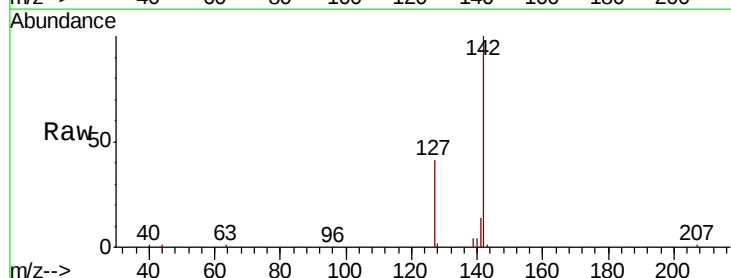
Tgt Ion:142 Resp: 43165

Ion Ratio Lower Upper

142 100

127 39.7 32.4 48.6

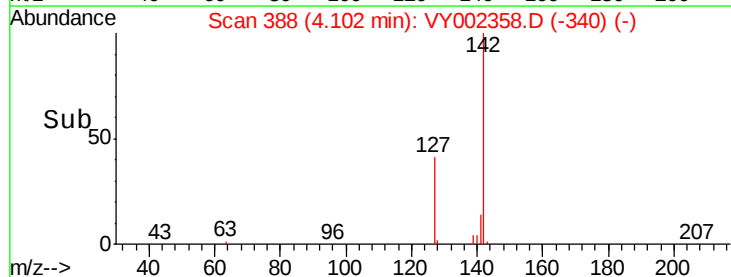
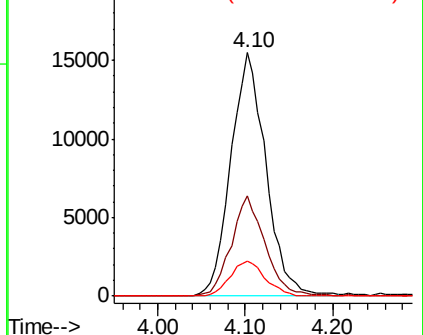
141 14.2 11.2 16.8

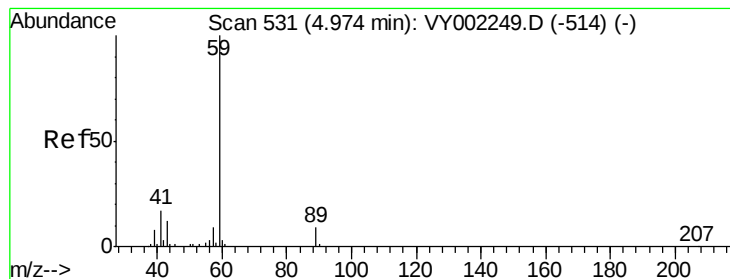


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 96.146 ug/l

RT: 4.97 min Scan# 530

Delta R.T. -0.01 min

Lab File: VY002358.D

Acq: 16 Apr 2020 11:56

Instrument :

MSVOA_Y

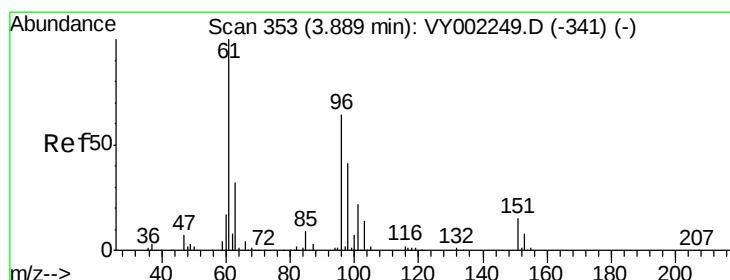
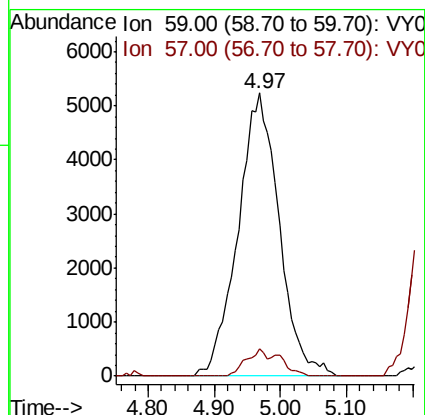
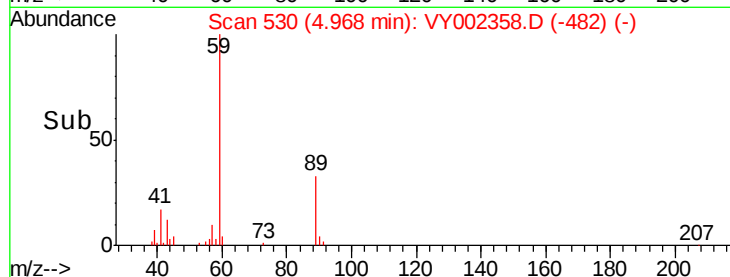
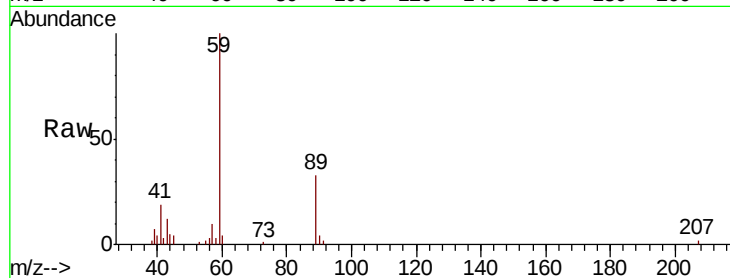
ClientSampleId :

Tot Ion: 59 Resp: 22575

Ion Ratio Lower Upper

59 100

57 4.7 6.6 9.8#



#12

1,1-Dichloroethene

Concen: 21.062 ug/l

RT: 3.88 min Scan# 352

Delta R.T. -0.01 min

Lab File: VY002358.D

Acq: 16 Apr 2020 11:56

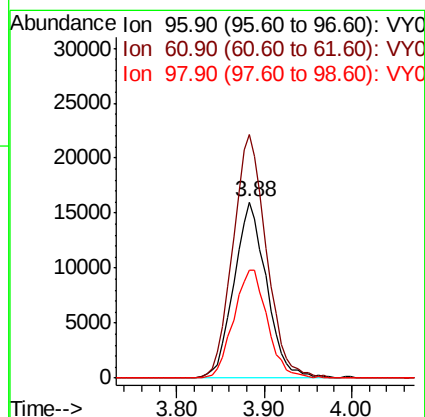
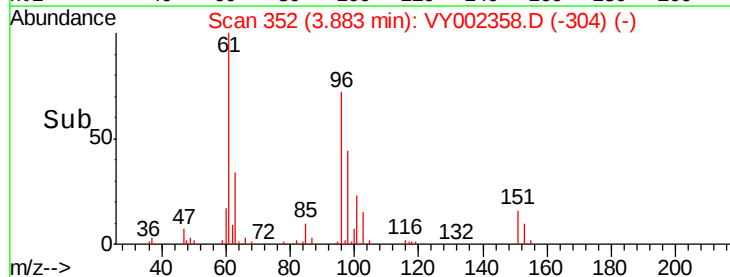
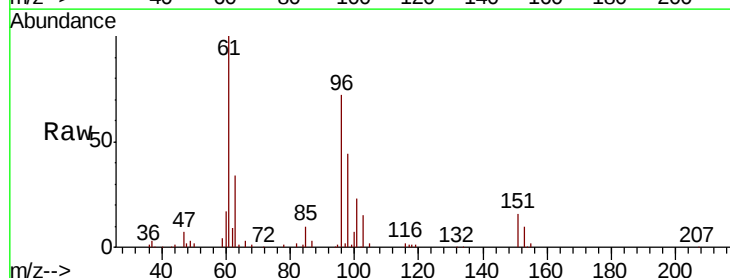
Tgt Ion: 96 Resp: 41510

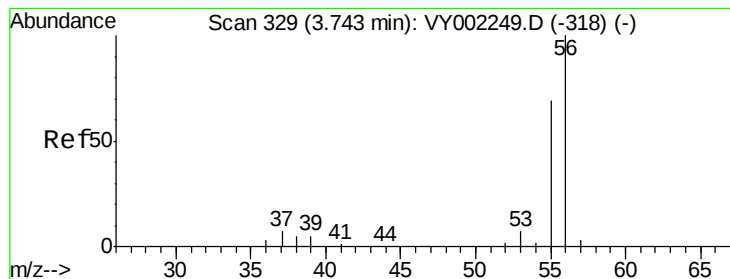
Ion Ratio Lower Upper

96 100

61 138.4 125.9 188.9

98 61.1 51.1 76.7





#13

Acrolein

Concen: 80.818 ug/l

RT: 3.74 min Scan# 329

Delta R.T. -0.00 min

Lab File: VY002358.D

Acq: 16 Apr 2020 11:56

Instrument :

MSVOA_Y

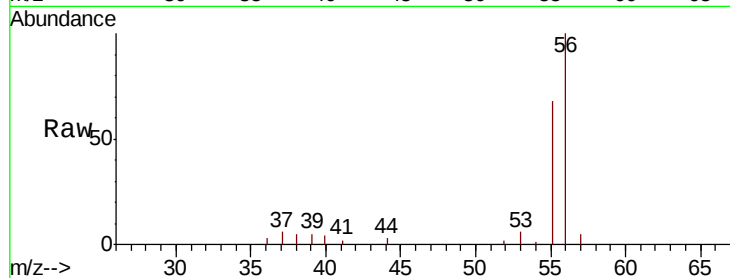
ClientSampled :

Tot Ion: 56 Resp: 18914

Ion Ratio Lower Upper

56 100

55 68.4 55.8 83.8



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

8000

6000

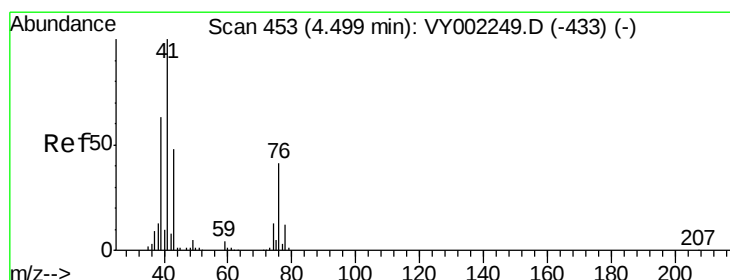
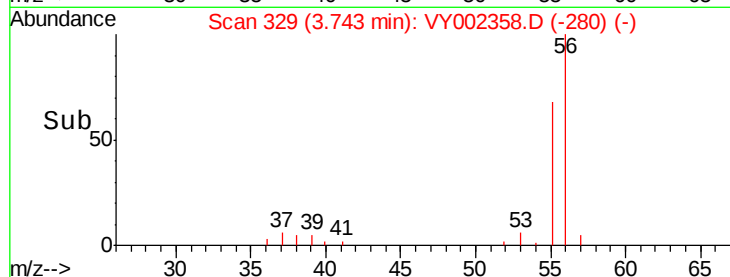
4000

2000

0

3.70 3.74 3.80

Time-->



#14

Allyl chloride

Concen: 18.608 ug/l

RT: 4.49 min Scan# 452

Delta R.T. -0.01 min

Lab File: VY002358.D

Acq: 16 Apr 2020 11:56

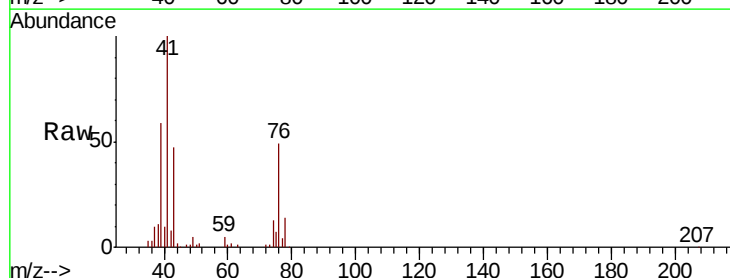
Tgt Ion: 41 Resp: 59219

Ion Ratio Lower Upper

41 100

39 56.2 48.0 72.0

76 44.5 31.0 46.6



Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0

25000

20000

15000

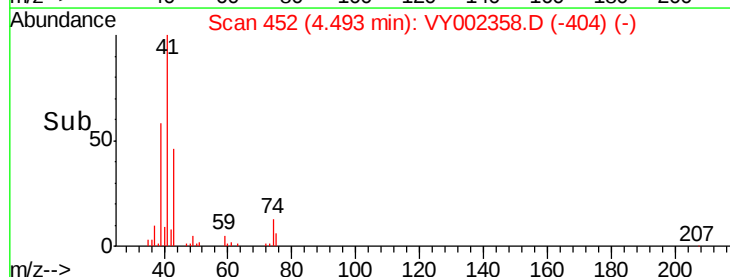
10000

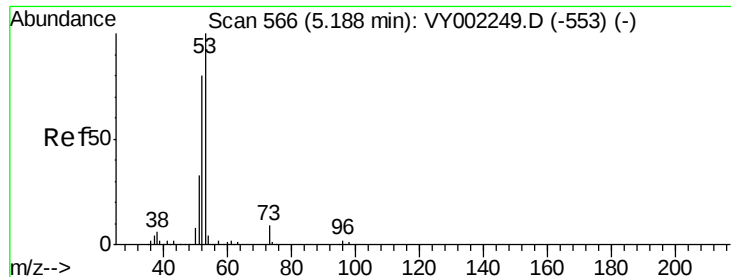
5000

0

4.30 4.40 4.49 4.60

Time-->





#15

Acrylonitrile

Concen: 95.825 ug/l

RT: 5.18 min Scan# 565

Delta R.T. -0.01 min

Lab File: VY002358.D

Acq: 16 Apr 2020 11:56

Instrument :
MSVOA_Y
ClientSampleId :

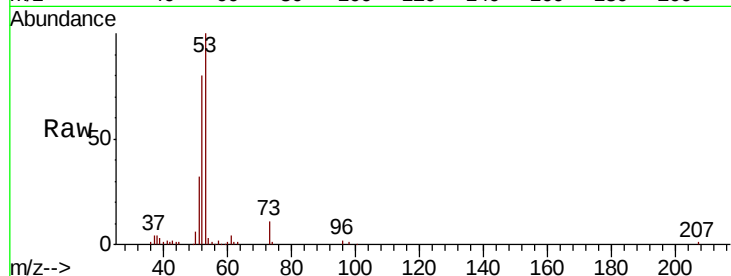
Tot Ion: 53 Resp: 59450

Ion Ratio Lower Upper

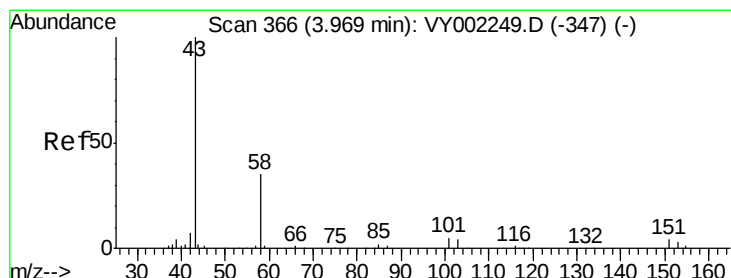
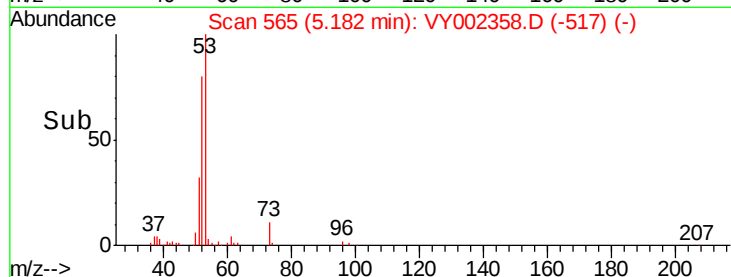
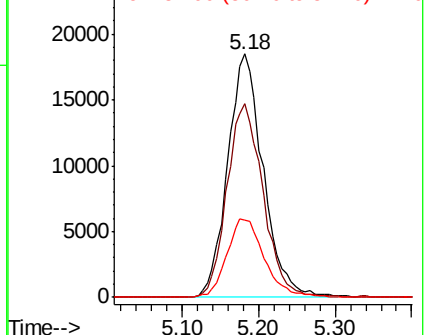
53 100

52 81.2 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: 91.034 ug/l

RT: 3.96 min Scan# 364

Delta R.T. -0.01 min

Lab File: VY002358.D

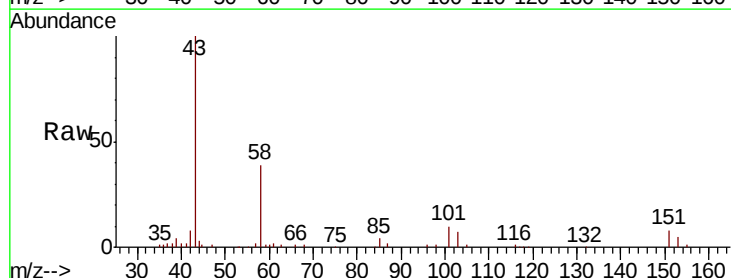
Acq: 16 Apr 2020 11:56

Tgt Ion: 43 Resp: 43520

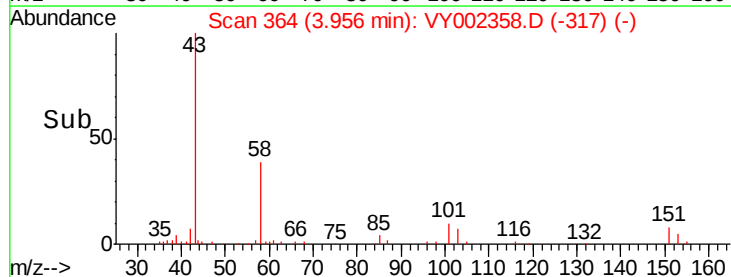
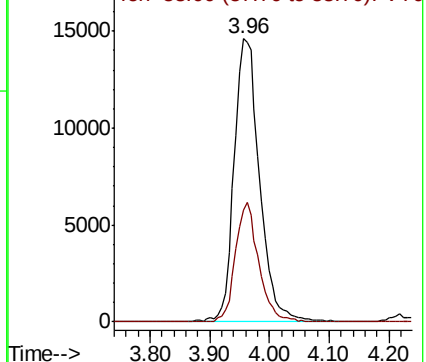
Ion Ratio Lower Upper

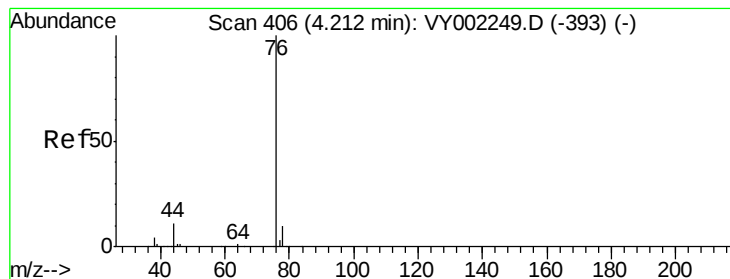
43 100

58 39.4 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: 20.332 ug/l

RT: 4.21 min Scan# 405

Delta R.T. -0.01 min

Lab File: VY002358.D

Acq: 16 Apr 2020 11:56

Instrument :

MSVOA_Y

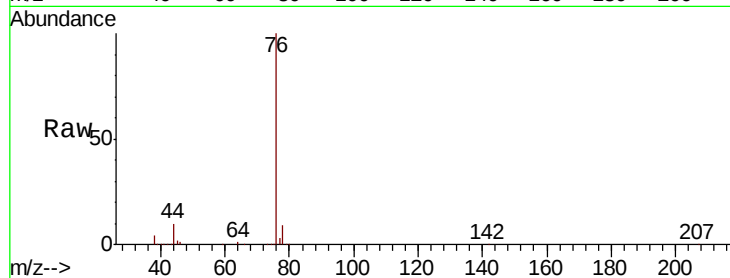
ClientSampleId :

Tot Ion: 76 Resp: 133077

Ion Ratio Lower Upper

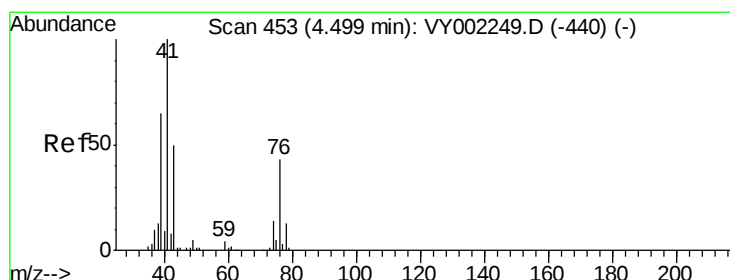
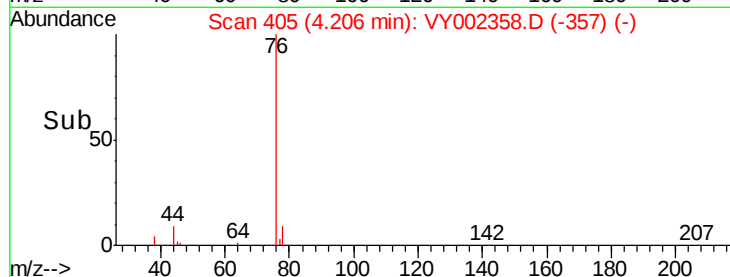
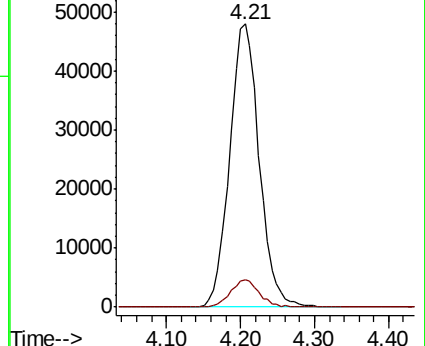
76 100

78 9.5 7.7 11.5



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 17.898 ug/l

RT: 4.49 min Scan# 452

Delta R.T. -0.01 min

Lab File: VY002358.D

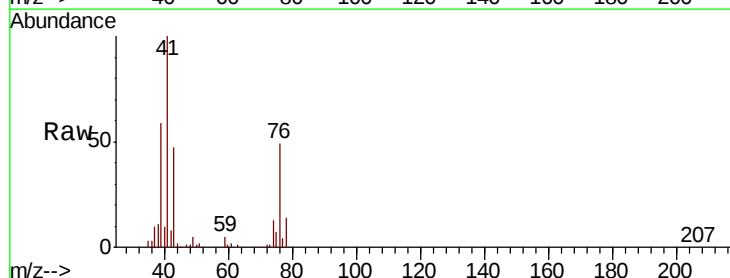
Acq: 16 Apr 2020 11:56

Tgt Ion: 43 Resp: 26540

Ion Ratio Lower Upper

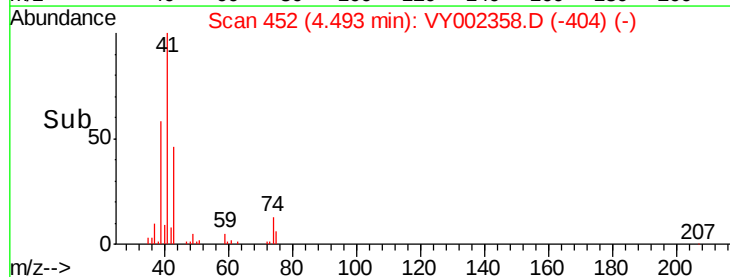
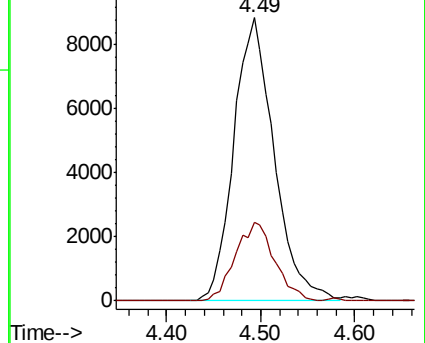
43 100

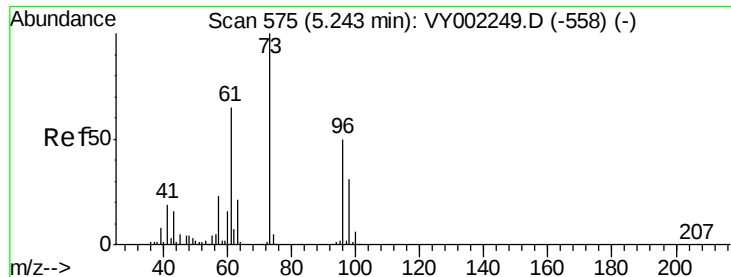
74 27.1 20.3 30.5



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0

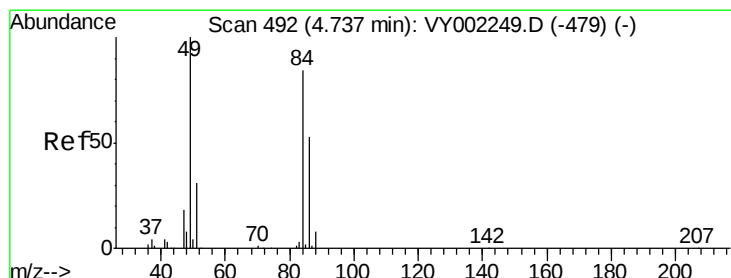
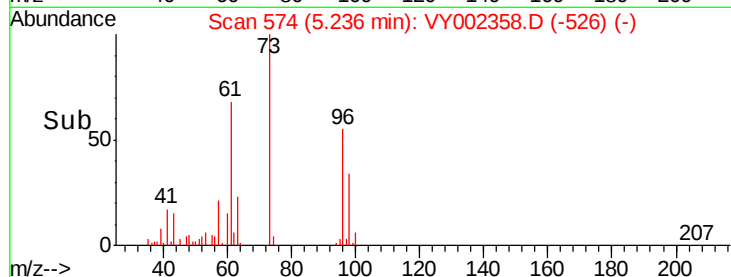
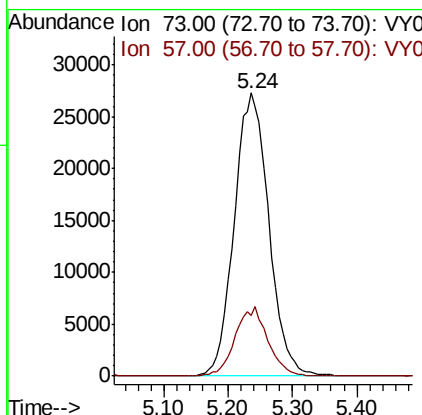
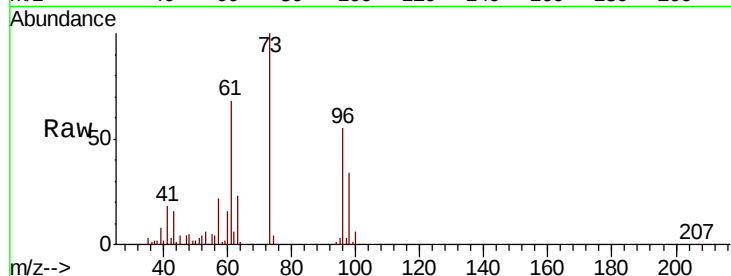




#19
Methvl tert-butvl Ether
Concen: 19.545 ug/l
RT: 5.24 min Scan# 574
Delta R.T. -0.01 min
Lab File: VY002358.D
Acq: 16 Apr 2020 11:56

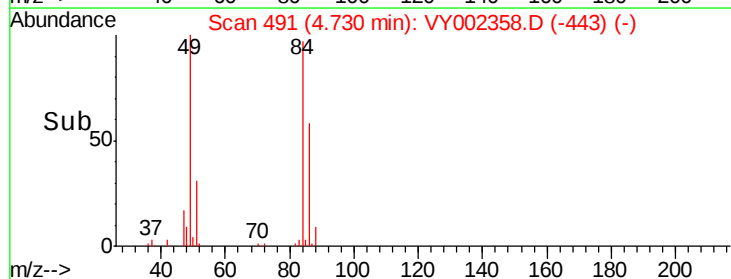
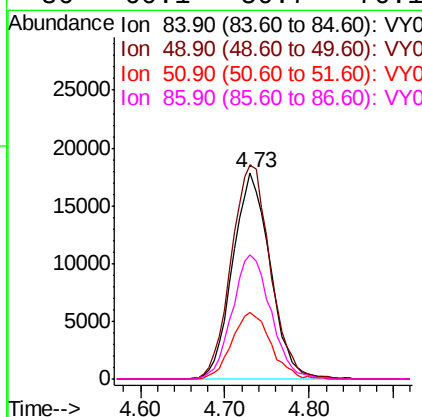
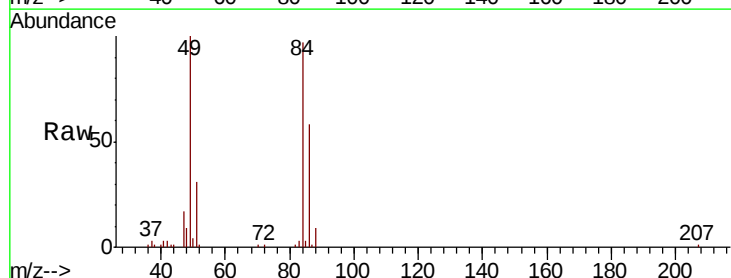
Instrument :
MSVOA_Y
ClientSampleId :

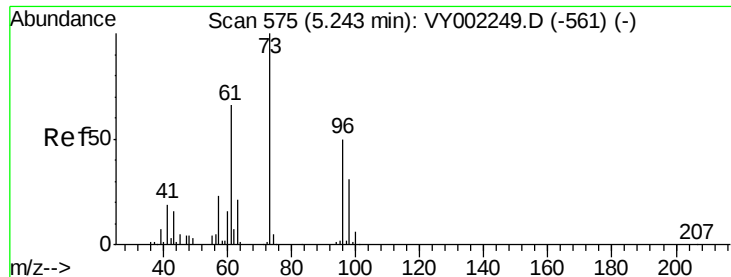
Tot Ion: 73 Resp: 101267
Ion Ratio Lower Upper
73 100
57 21.6 18.7 28.1



#20
Methylene Chloride
Concen: 22.890 ug/l
RT: 4.73 min Scan# 491
Delta R.T. -0.01 min
Lab File: VY002358.D
Acq: 16 Apr 2020 11:56

Tgt Ion: 84 Resp: 53786
Ion Ratio Lower Upper
84 100
49 103.5 95.5 143.3
51 32.0 29.5 44.3
86 60.1 50.7 76.1





#21

trans-1,2-Dichloroethene

Concen: 20.615 ug/l

RT: 5.24 min Scan# 574

Delta R.T. -0.01 min

Lab File: VY002358.D

Acq: 16 Apr 2020 11:56

Instrument :

MSVOA_Y

ClientSampleId :

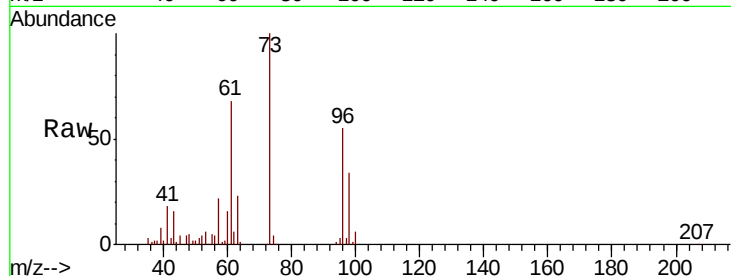
Tot Ion: 96 Resp: 45602

Ion Ratio Lower Upper

96 100

61 124.2 104.6 157.0

98 61.2 50.1 75.1

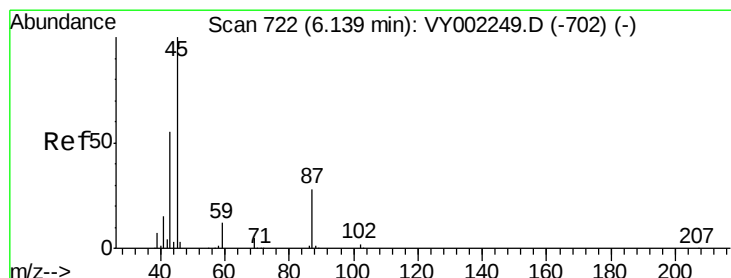
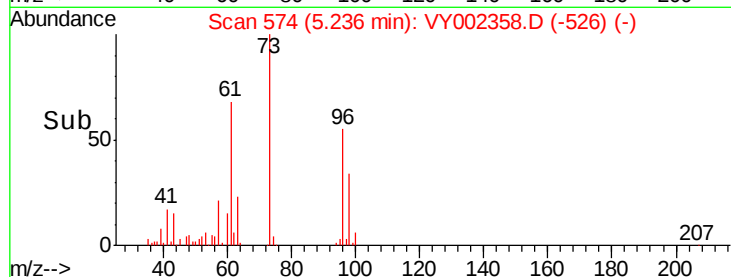
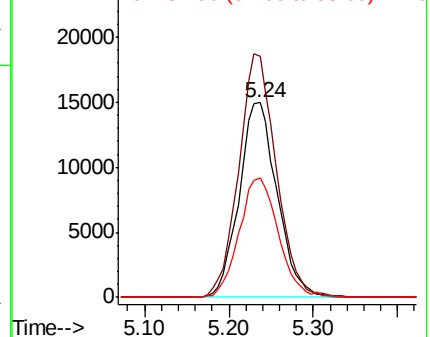


Abundance

Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 97.90 (97.60 to 98.60): VY0



#22

Diisopropyl ether

Concen: 19.065 ug/l

RT: 6.13 min Scan# 721

Delta R.T. -0.01 min

Lab File: VY002358.D

Acq: 16 Apr 2020 11:56

Tgt Ion: 45 Resp: 122106

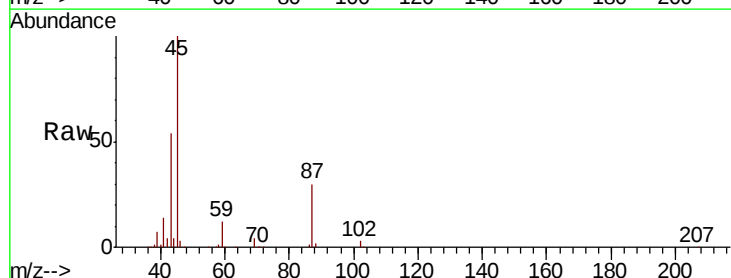
Ion Ratio Lower Upper

45 100

43 54.1 44.7 67.1

87 29.7 23.0 34.4

59 11.9 10.1 15.1



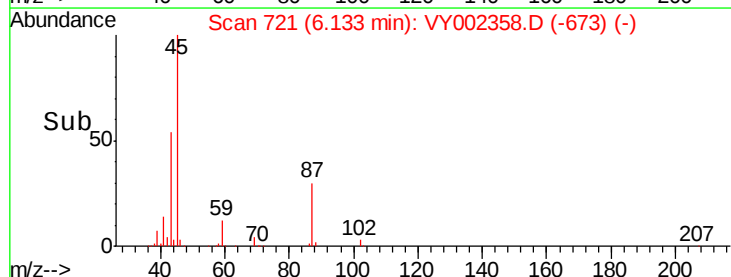
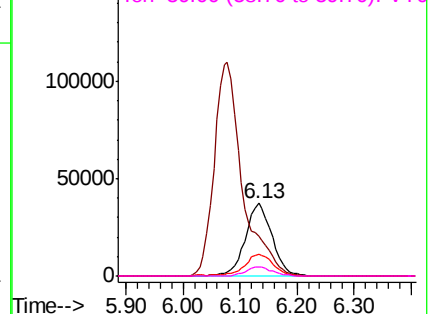
Abundance

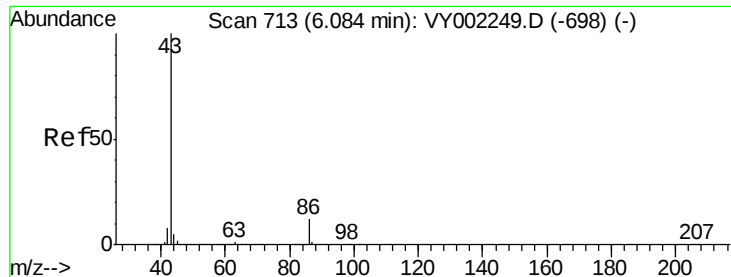
Ion 45.00 (44.70 to 45.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 87.00 (86.70 to 87.70): VY0

Ion 59.00 (58.70 to 59.70): VY0





#23

Vinyl Acetate

Concen: 92.257 ug/l

RT: 6.08 min Scan# 712

Delta R.T. -0.01 min

Lab File: VY002358.D

Acq: 16 Apr 2020 11:56

Instrument :

MSVOA_Y

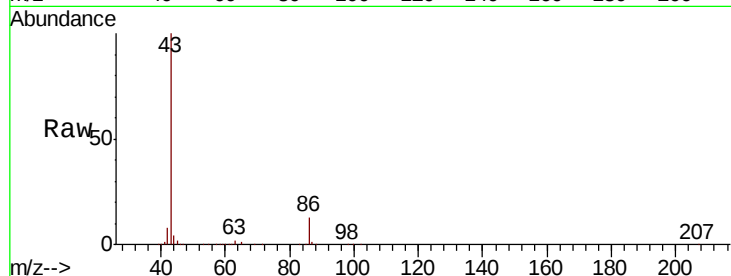
ClientSampleId :

Tot Ion: 43 Resp: 376538

Ion Ratio Lower Upper

43 100

86 13.1 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

120000

100000

80000

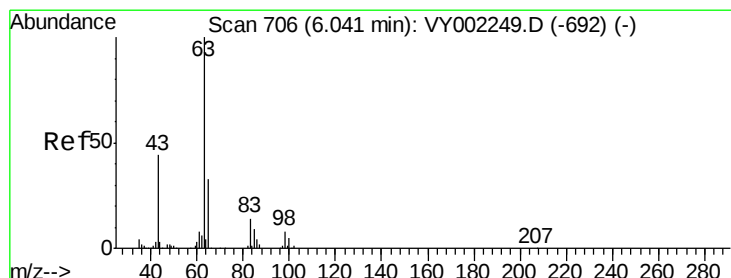
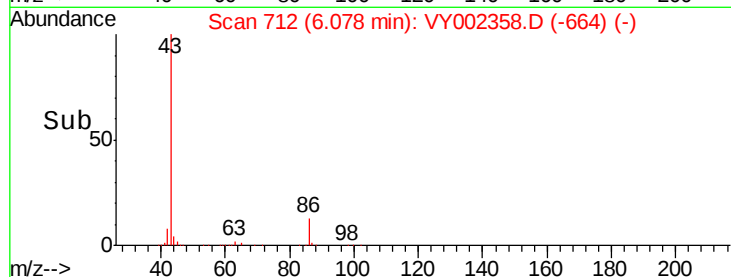
60000

40000

20000

0

Time--> 5.90 6.00 6.10 6.20 6.30



#24

1,1-Dichloroethane

Concen: 19.906 ug/l

RT: 6.04 min Scan# 705

Delta R.T. -0.01 min

Lab File: VY002358.D

Acq: 16 Apr 2020 11:56

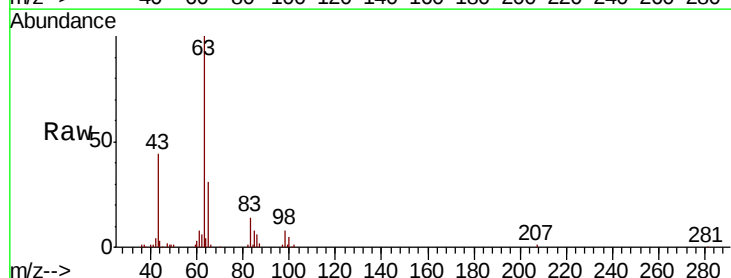
Tgt Ion: 63 Resp: 72517

Ion Ratio Lower Upper

63 100

98 7.8 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

30000

25000

20000

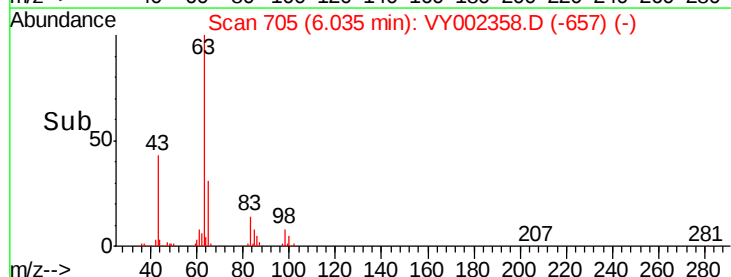
15000

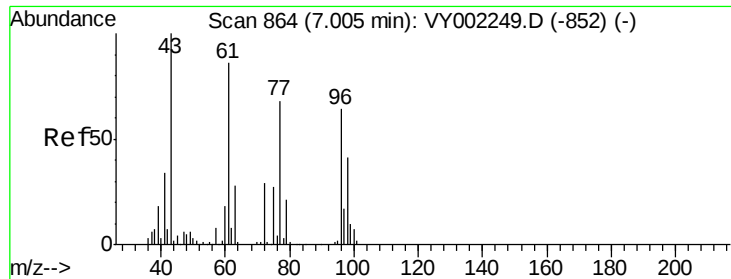
10000

5000

0

Time--> 5.90 6.00 6.10 6.20

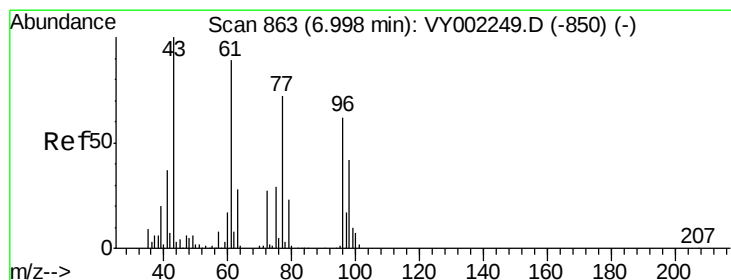
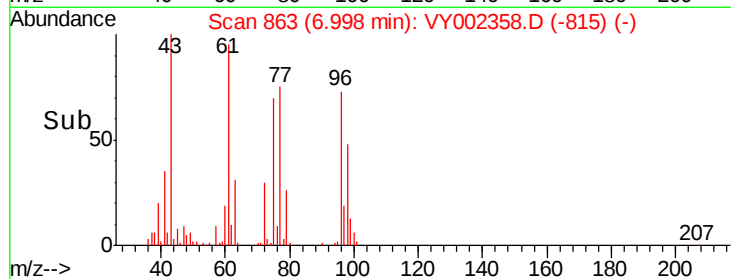
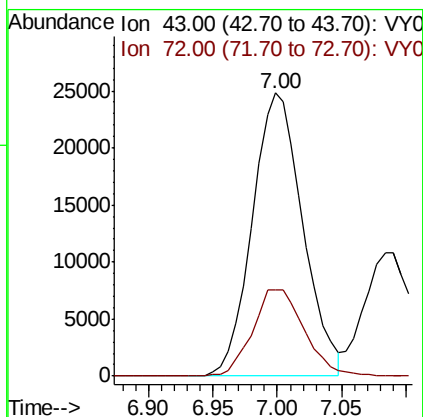
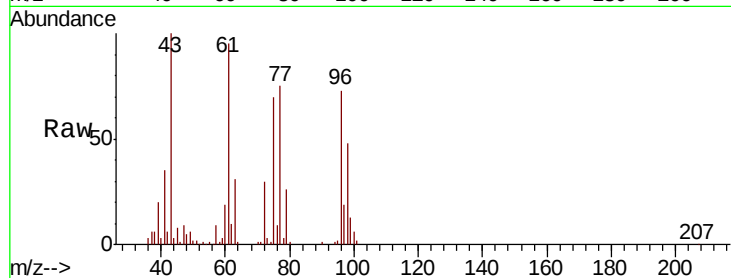




#25
2-Butanone
Concen: 89.111 ug/l
RT: 7.00 min Scan# 863
Delta R.T. -0.01 min
Lab File: VY002358.D
Acq: 16 Apr 2020 11:56

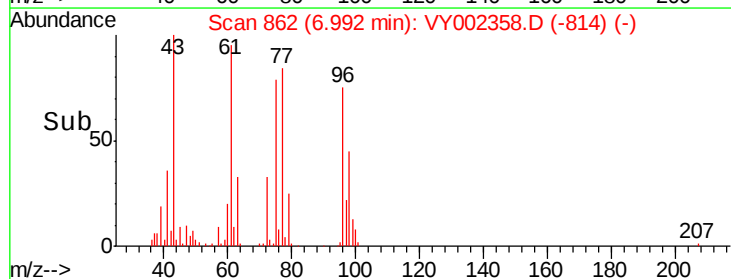
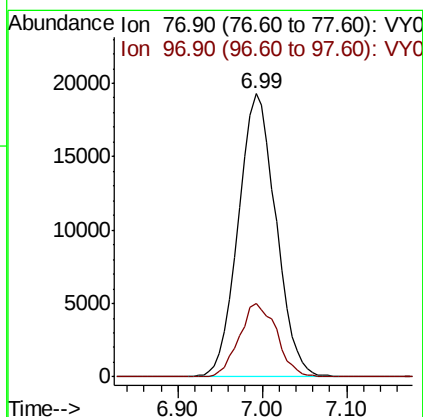
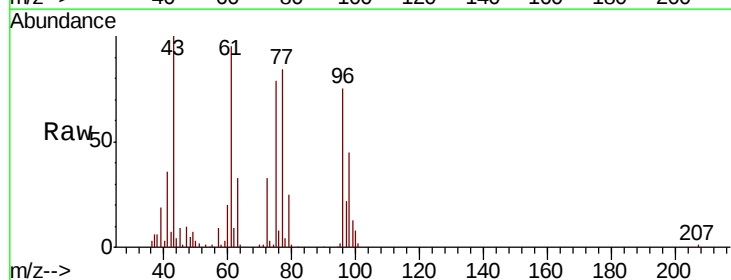
Instrument :
MSVOA_Y
ClientSampleId :

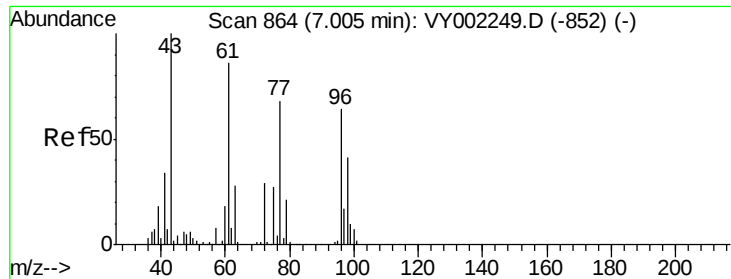
Tot Ion: 43 Resp: 67418
Ion Ratio Lower Upper
43 100
72 30.3 23.2 34.8



#26
2,2-Dichloropropane
Concen: 19.174 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.01 min
Lab File: VY002358.D
Acq: 16 Apr 2020 11:56

Tgt Ion: 77 Resp: 58430
Ion Ratio Lower Upper
77 100
97 25.9 12.2 36.6



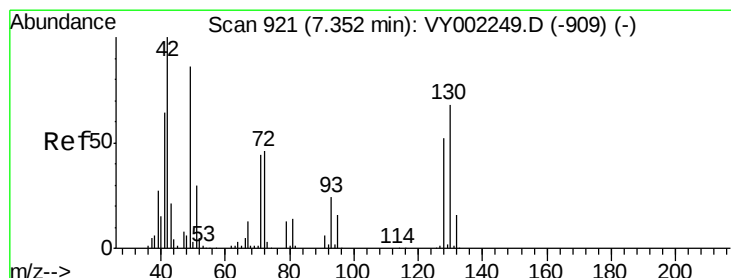
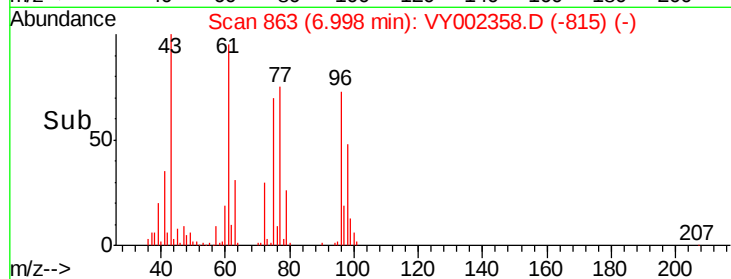
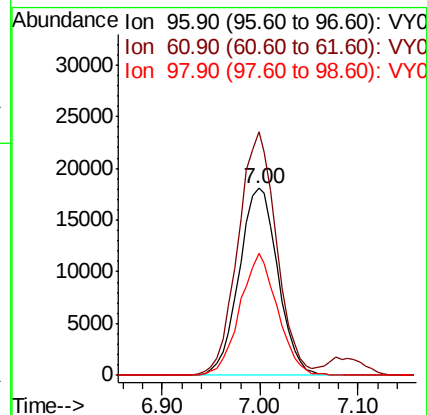
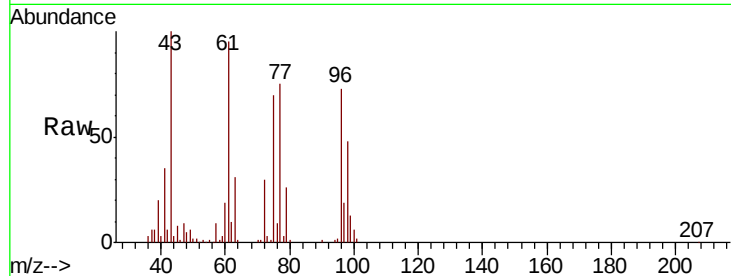


#27

cis-1,2-Dichloroethene
 Concen: 20.680 ug/l
 RT: 7.00 min Scan# 863
 Delta R.T. -0.01 min
 Lab File: VY002358.D
 Acq: 16 Apr 2020 11:56

Instrument :
 MSVOA_Y
 ClientSampleId :

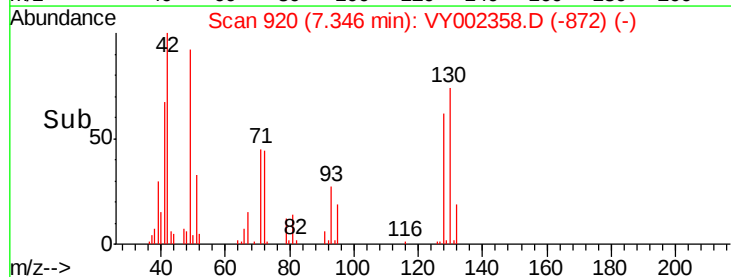
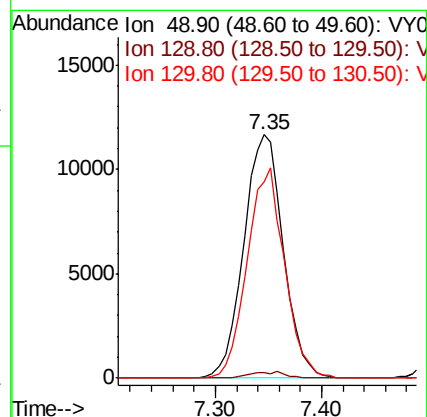
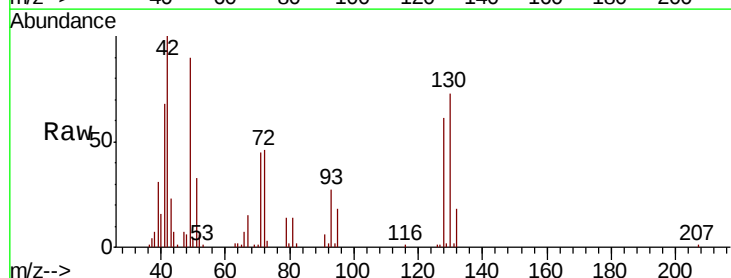
Tot Ion: 96 Resp: 49868
 Ion Ratio Lower Upper
 96 100
 61 128.5 0.0 278.0
 98 62.9 0.0 128.6

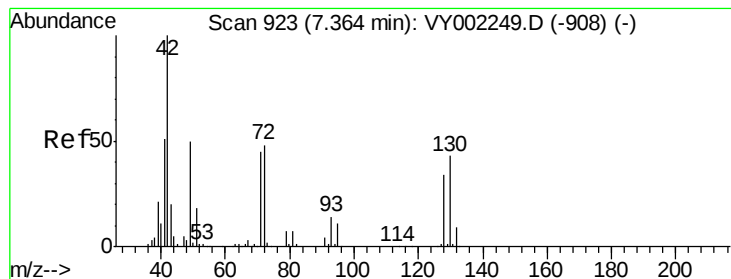


#28

Bromochloromethane
 Concen: 19.285 ug/l
 RT: 7.35 min Scan# 920
 Delta R.T. -0.01 min
 Lab File: VY002358.D
 Acq: 16 Apr 2020 11:56

Tgt Ion: 49 Resp: 30327
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.2
 130 81.8 60.9 91.3





#29

Tetrahydrofuran

Concen: 88.376 ug/l

RT: 7.36 min Scan# 922

Delta R.T. -0.01 min

Lab File: VY002358.D

Acq: 16 Apr 2020 11:56

Instrument :
MSVOA_Y
ClientSampleId :

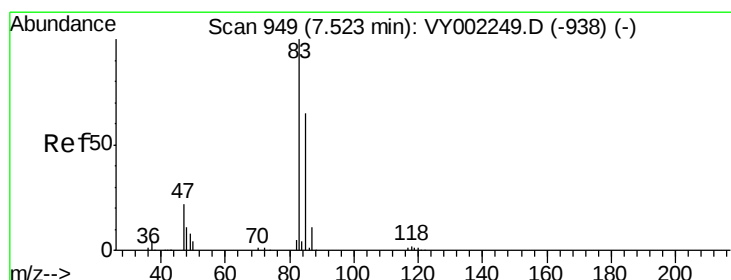
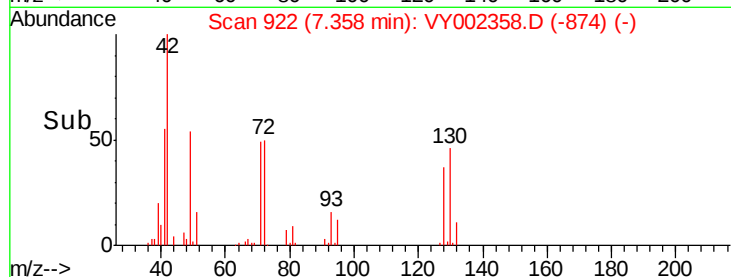
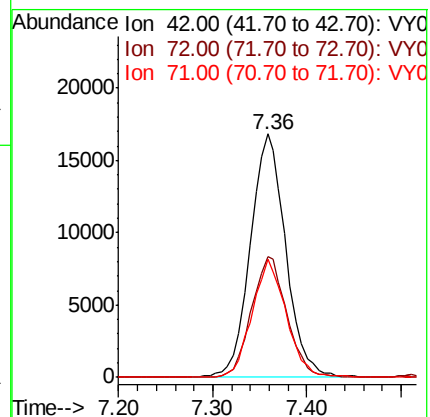
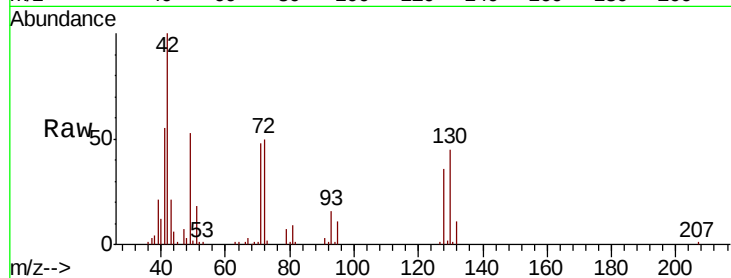
Tot Ion: 42 Resp: 44197

Ion Ratio Lower Upper

42 100

72 49.4 36.7 55.1

71 46.8 34.7 52.1



#30

Chloroform

Concen: 19.879 ug/l

RT: 7.52 min Scan# 948

Delta R.T. -0.01 min

Lab File: VY002358.D

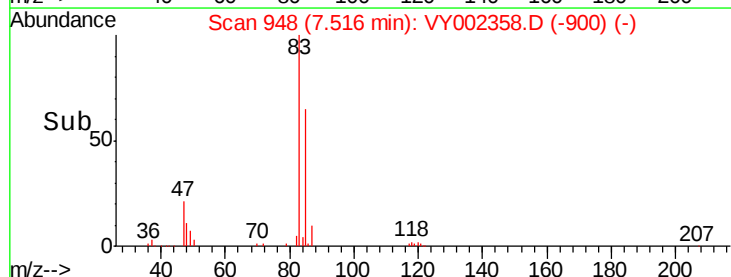
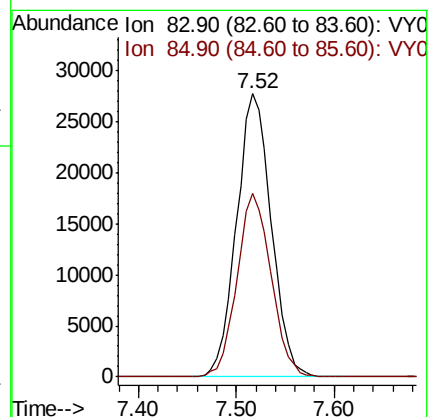
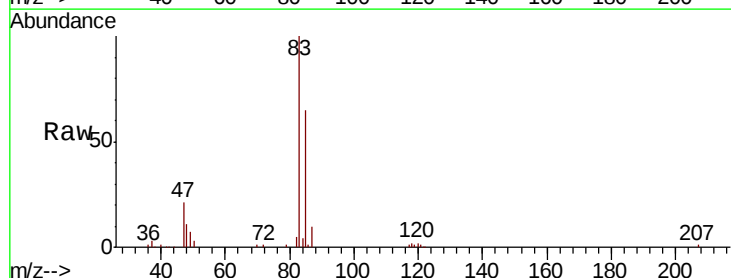
Acq: 16 Apr 2020 11:56

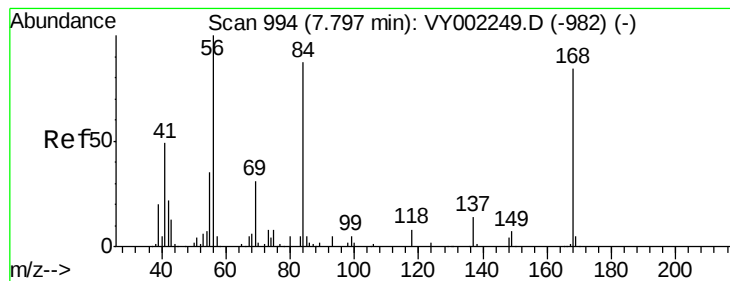
Tgt Ion: 83 Resp: 68263

Ion Ratio Lower Upper

83 100

85 64.8 52.0 78.0





#31

Cyclohexane

Concen: 19.486 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.01 min

Lab File: VY002358.D

Acq: 16 Apr 2020 11:56

Instrument :
MSVOA_Y
ClientSampled :

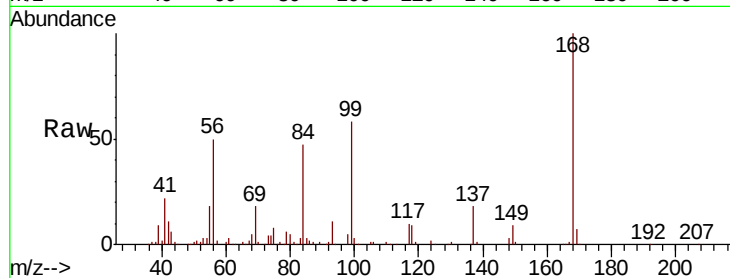
Tot Ion: 56 Resp: 74514

Ion Ratio Lower Upper

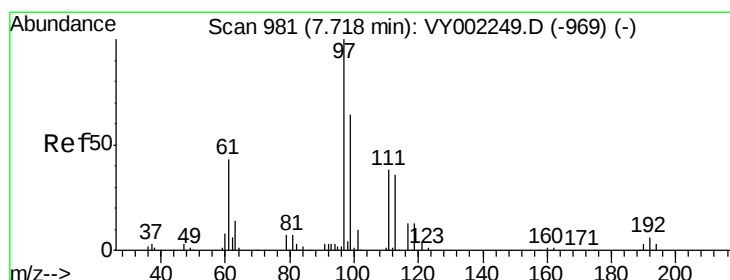
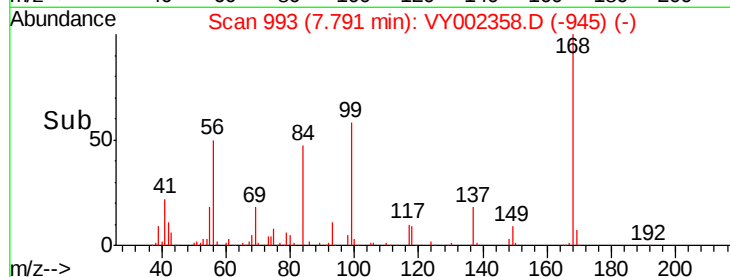
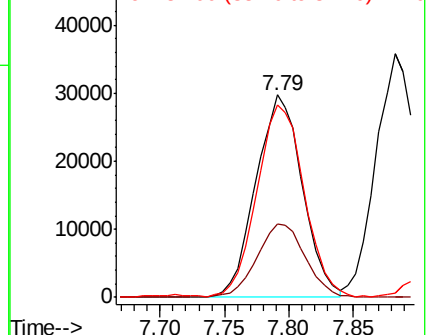
56 100

69 36.5 25.0 37.6

84 94.1 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: 20.144 ug/l

RT: 7.71 min Scan# 980

Delta R.T. -0.01 min

Lab File: VY002358.D

Acq: 16 Apr 2020 11:56

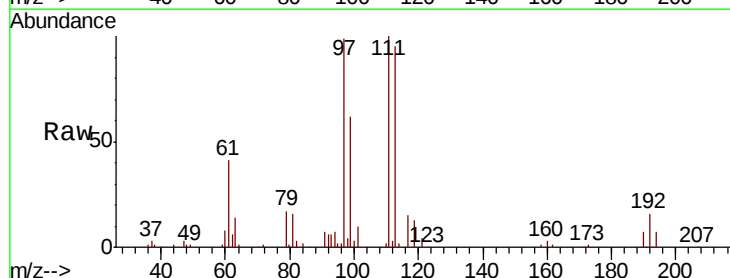
Tgt Ion: 97 Resp: 57576

Ion Ratio Lower Upper

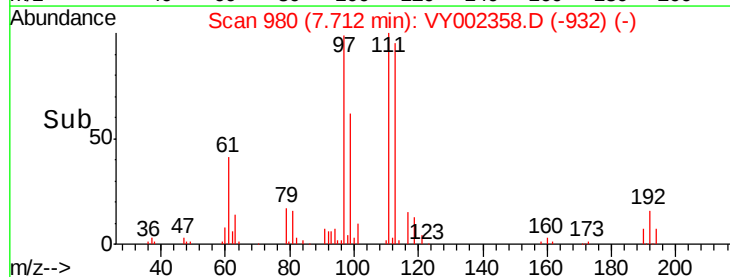
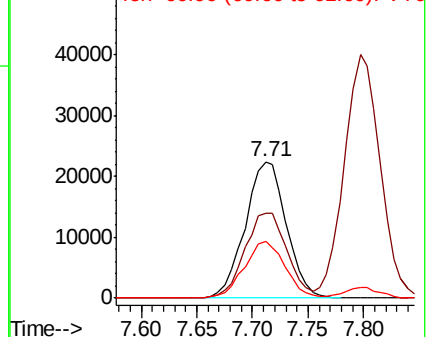
97 100

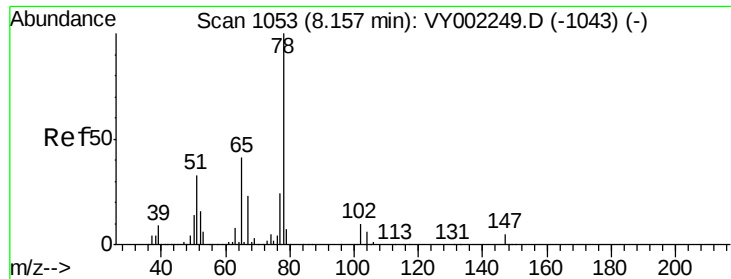
99 64.1 51.3 76.9

61 41.2 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

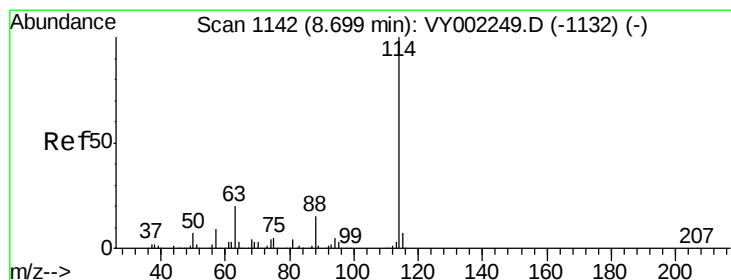
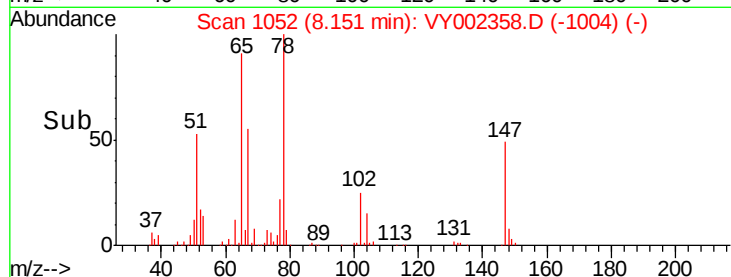
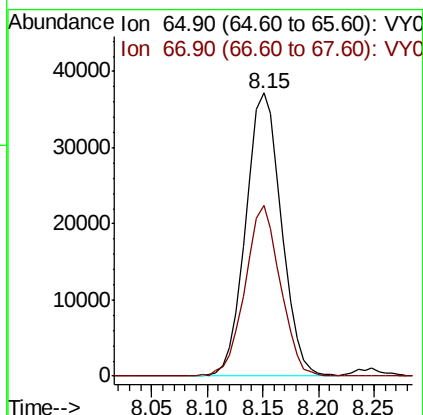
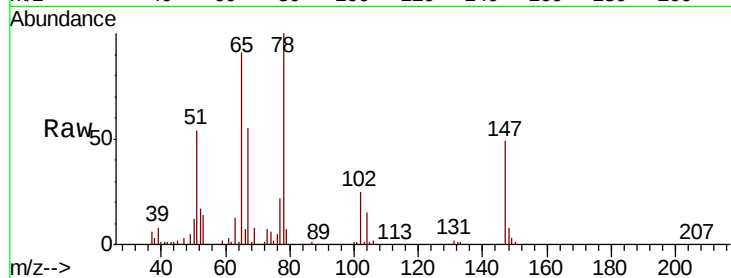




#33
 1,2-Dichloroethane-d4
 Concen: 45.721 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: VY002358.D
 Acq: 16 Apr 2020 11:56

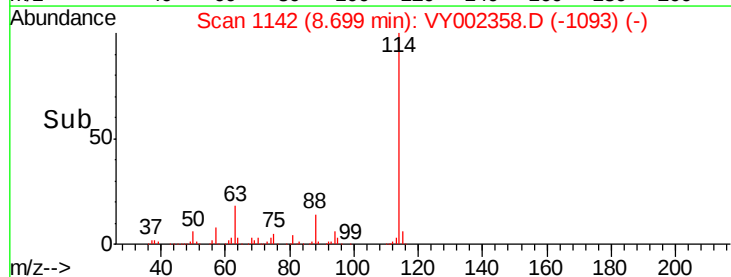
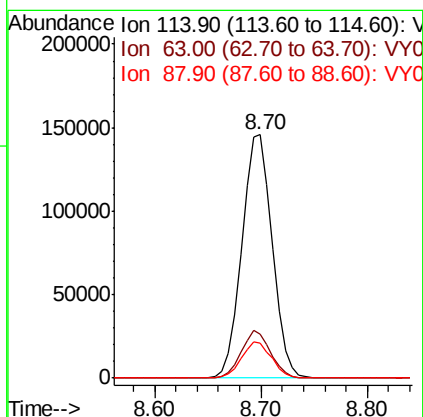
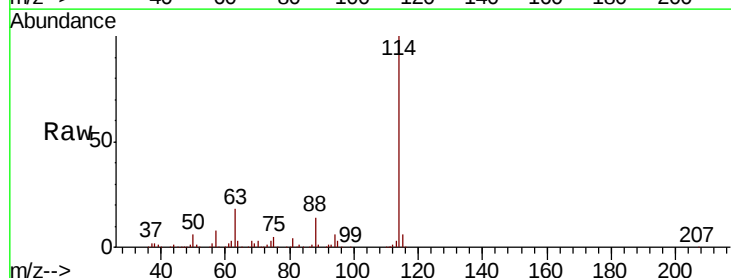
Instrument :
 MSVOA_Y
 ClientSampleId :

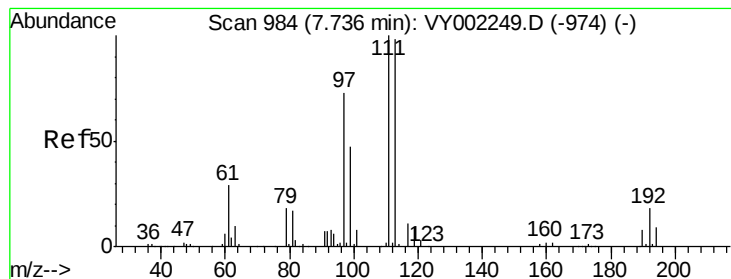
Tot Ion: 65 Resp: 82987
 Ion Ratio Lower Upper
 65 100
 67 59.5 0.0 114.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.00 min
 Lab File: VY002358.D
 Acq: 16 Apr 2020 11:56

Tgt Ion: 114 Resp: 292101
 Ion Ratio Lower Upper
 114 100
 63 18.0 0.0 39.0
 88 14.4 0.0 31.0





#35

Dibromofluoromethane

Concen: 51.434 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.01 min

Lab File: VY002358.D

Acq: 16 Apr 2020 11:56

Instrument :

MSVOA_Y

ClientSampled :

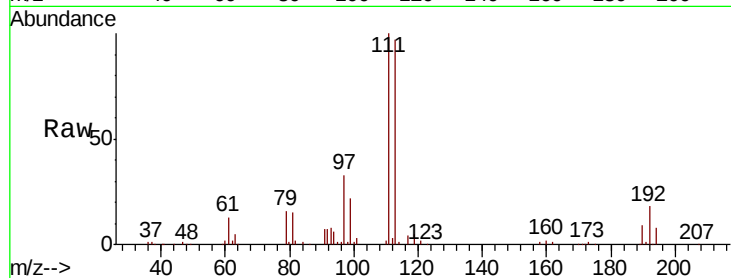
Tot Ion:113 Resp: 89397

Ion Ratio Lower Upper

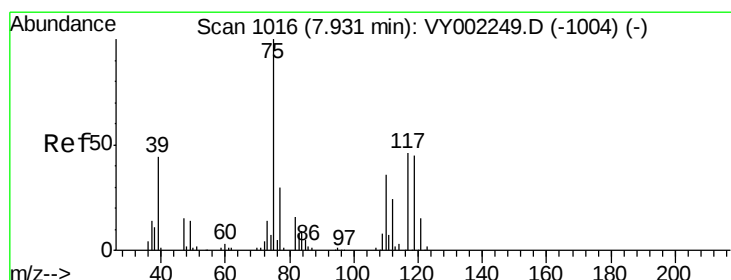
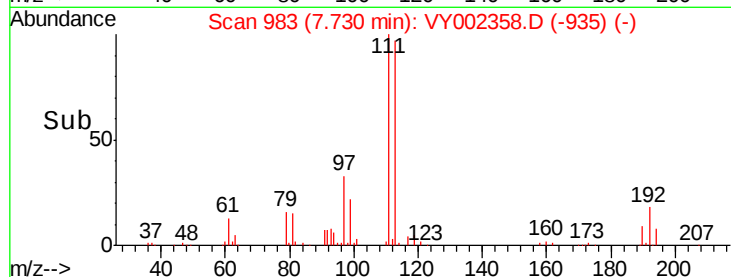
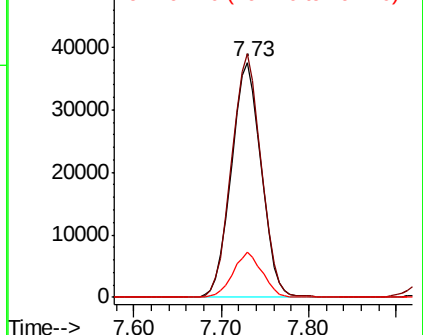
113 100

111 103.0 83.5 125.3

192 18.8 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: 19.895 ug/l

RT: 7.92 min Scan# 1015

Delta R.T. -0.01 min

Lab File: VY002358.D

Acq: 16 Apr 2020 11:56

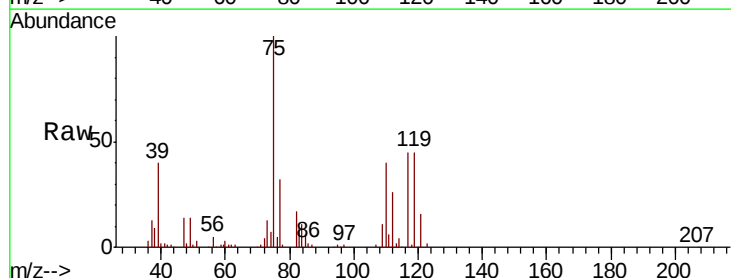
Tgt Ion: 75 Resp: 57242

Ion Ratio Lower Upper

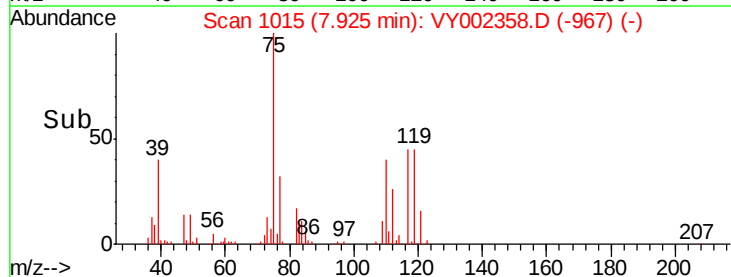
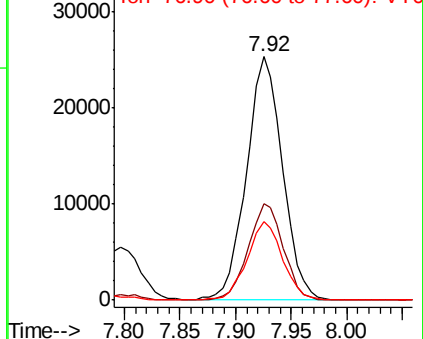
75 100

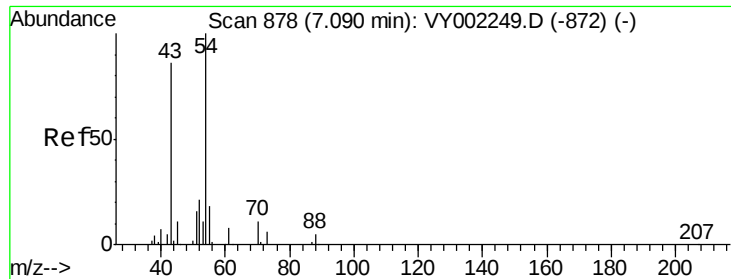
110 38.4 17.8 53.3

77 31.6 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

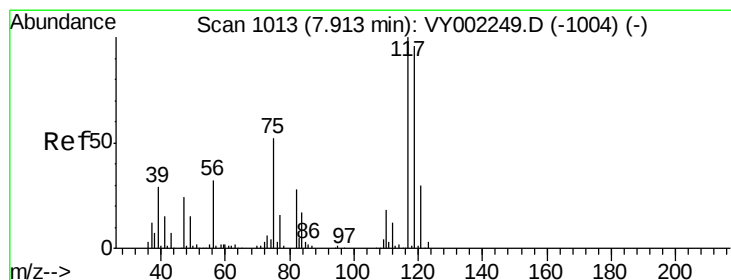
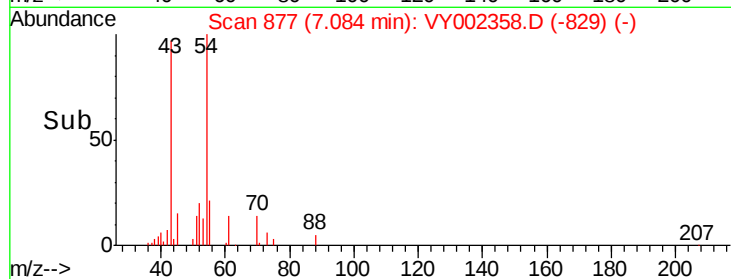
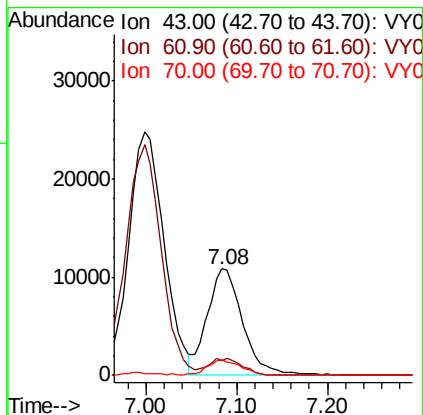
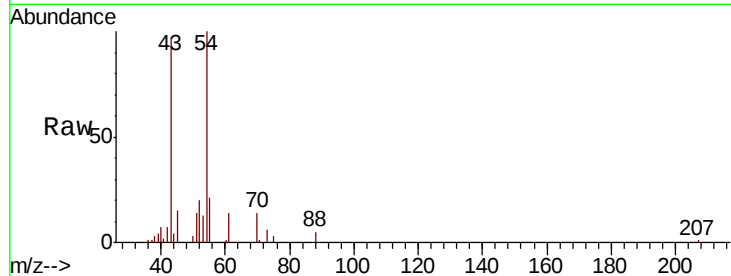




#37
Ethyl Acetate
Concen: 18.185 ug/l
RT: 7.08 min Scan# 877
Delta R.T. -0.01 min
Lab File: VY002358.D
Acq: 16 Apr 2020 11:56

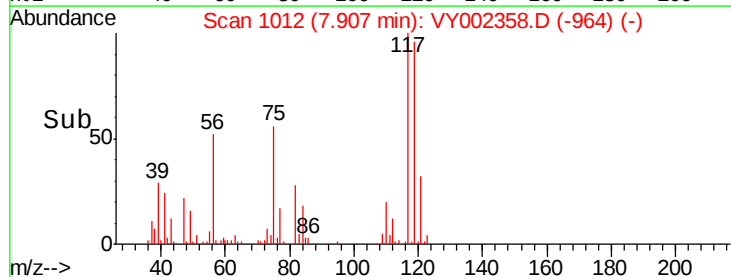
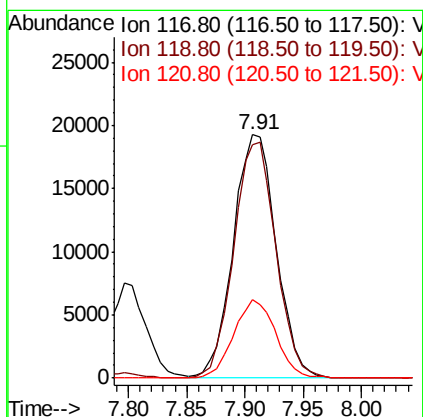
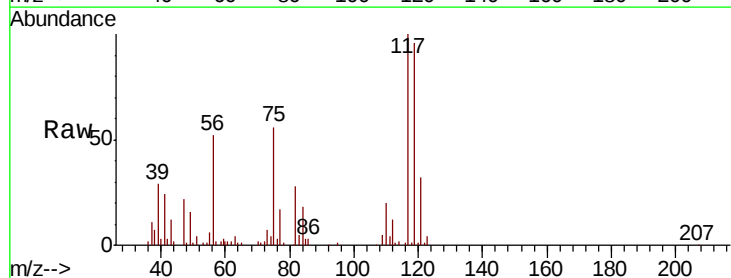
Instrument :
MSVOA_Y
ClientSampleId :

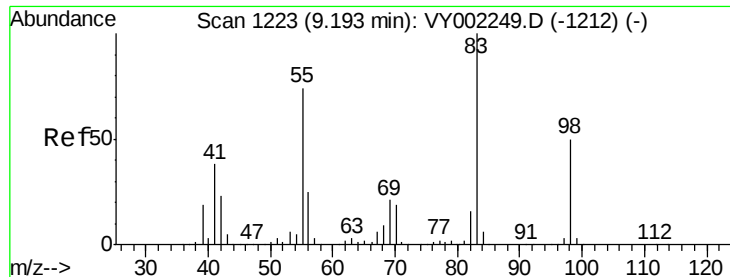
Tot Ion: 43 Resp: 29890
Ion Ratio Lower Upper
43 100
61 15.6 11.8 17.6
70 13.7 9.1 13.7



#38
Carbon Tetrachloride
Concen: 20.086 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.01 min
Lab File: VY002358.D
Acq: 16 Apr 2020 11:56

Tgt Ion: 117 Resp: 49433
Ion Ratio Lower Upper
117 100
119 95.9 77.1 115.7
121 32.5 23.9 35.9

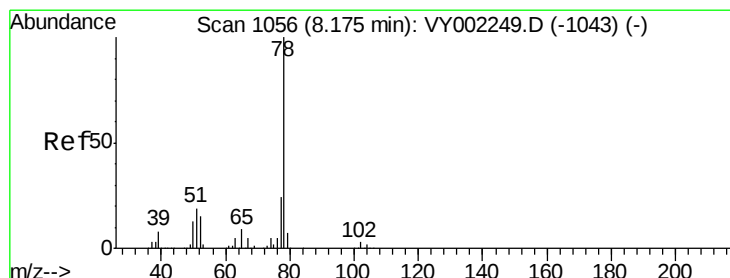
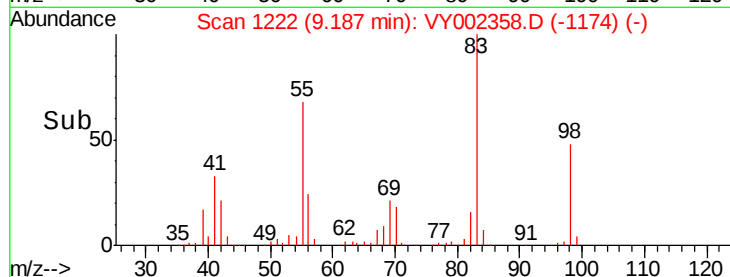
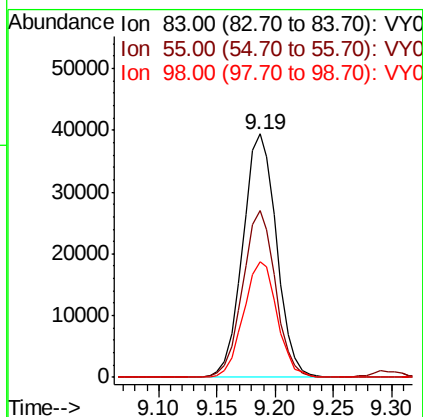
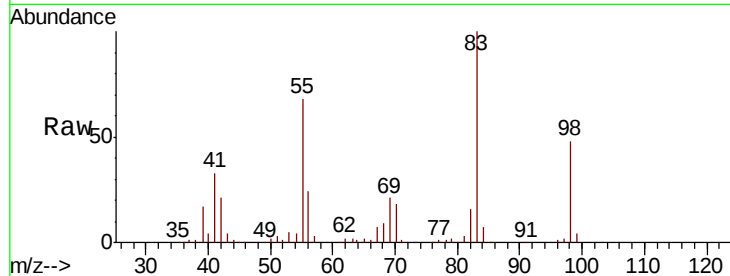




#39
Methvlcvclohexane
Concen: 20.353 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.01 min
Lab File: VY002358.D
Acq: 16 Apr 2020 11:56

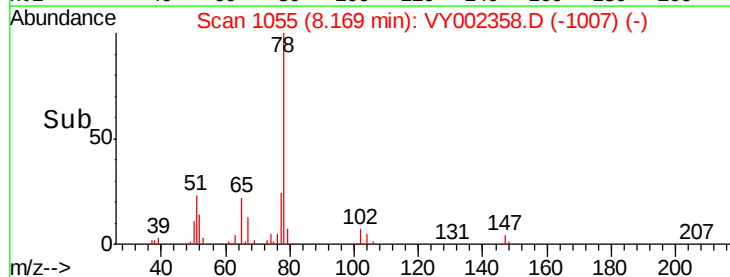
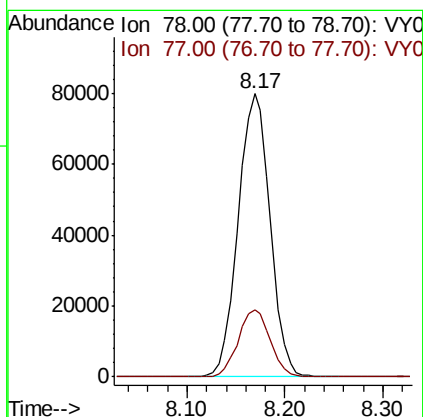
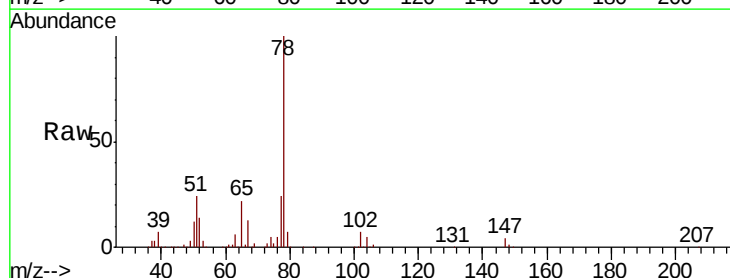
Instrument :
MSVOA_Y
ClientSampleId :

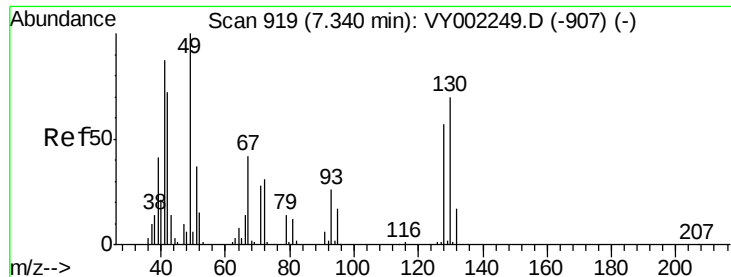
Tot Ion: 83 Resp: 79656
Ion Ratio Lower Upper
83 100
55 68.4 59.3 88.9
98 47.5 39.6 59.4



#40
Benzene
Concen: 20.612 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.01 min
Lab File: VY002358.D
Acq: 16 Apr 2020 11:56

Tgt Ion: 78 Resp: 179932
Ion Ratio Lower Upper
78 100
77 23.8 18.9 28.3

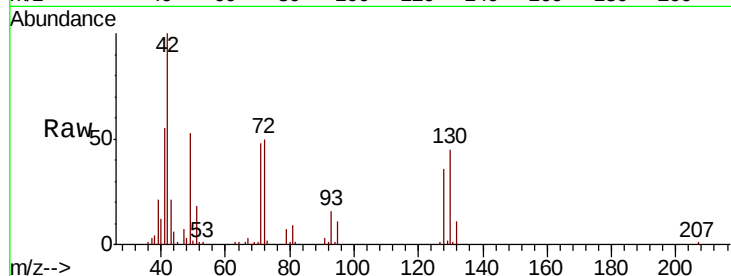




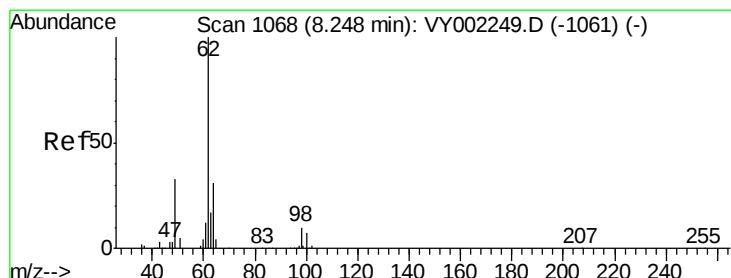
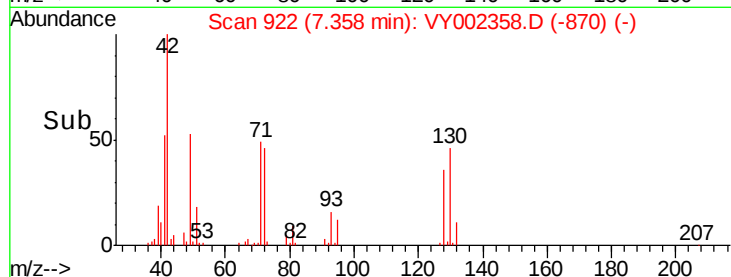
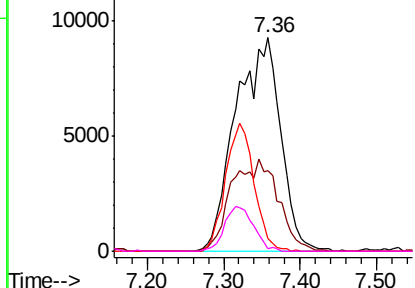
#41
Methacrylonitrile
Concen: 39.045 ug/l
RT: 7.36 min Scan# 922
Delta R.T. 0.02 min
Lab File: VY002358.D
Acq: 16 Apr 2020 11:56

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:	41	Resp:	37859
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

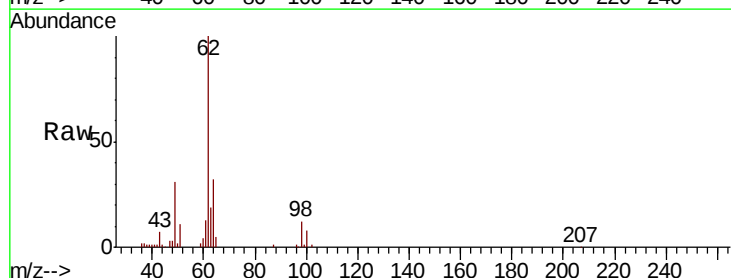


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

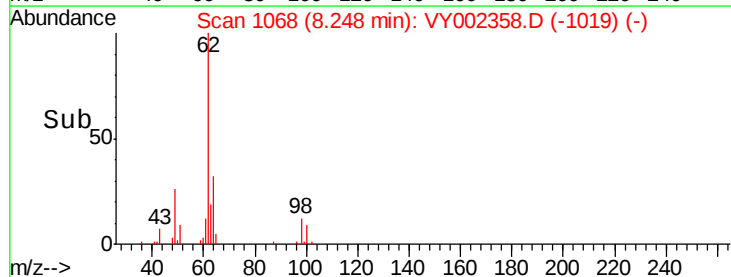
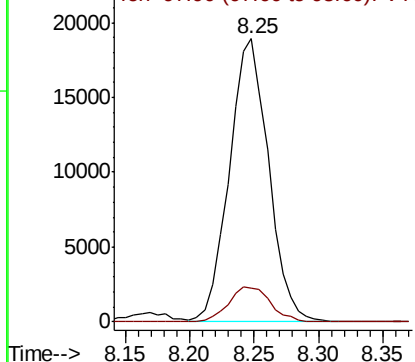


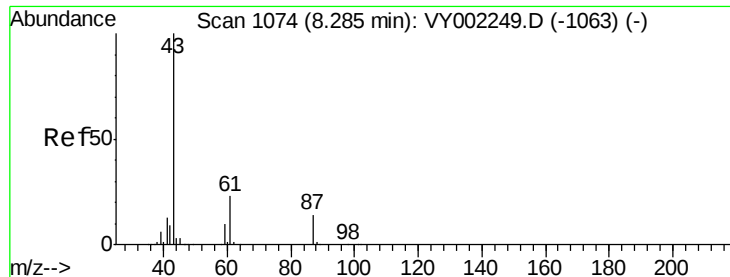
#42
1,2-Dichloroethane
Concen: 18.509 ug/l
RT: 8.25 min Scan# 1068
Delta R.T. -0.00 min
Lab File: VY002358.D
Acq: 16 Apr 2020 11:56

Tgt Ion:	62	Resp:	40023
Ion	Ratio	Lower	Upper
62	100		
98	13.2	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: 18.232 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. -0.01 min

Lab File: VY002358.D

Acq: 16 Apr 2020 11:56

Instrument :

MSVOA_Y

ClientSampleId :

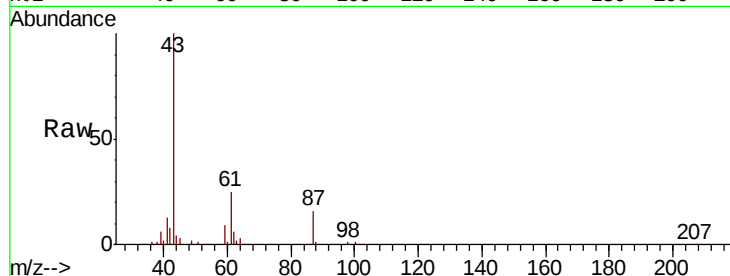
Tot Ion: 43 Resp: 54653

Ion Ratio Lower Upper

43 100

61 33.2 24.9 37.3

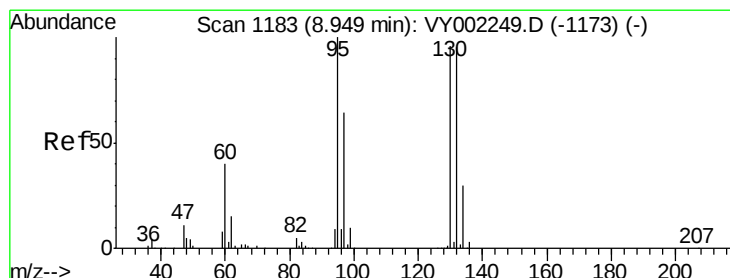
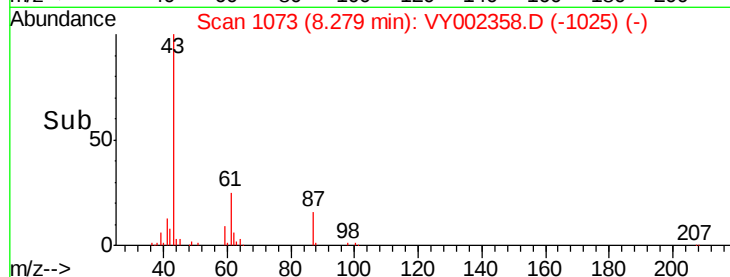
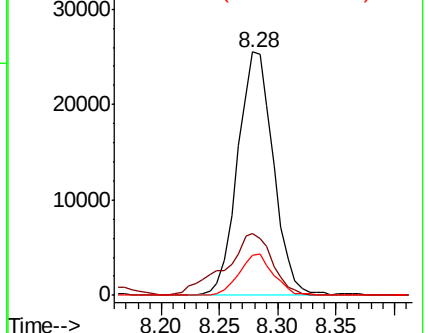
87 16.2 11.7 17.5



Abundance Ion 43.00 (42.70 to 43.70): VY002249.D (-1063) (-)

Ion 61.00 (60.70 to 61.70): VY002249.D (-1063) (-)

Ion 87.00 (86.70 to 87.70): VY002249.D (-1063) (-)



#44

Trichloroethene

Concen: 20.509 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. -0.01 min

Lab File: VY002358.D

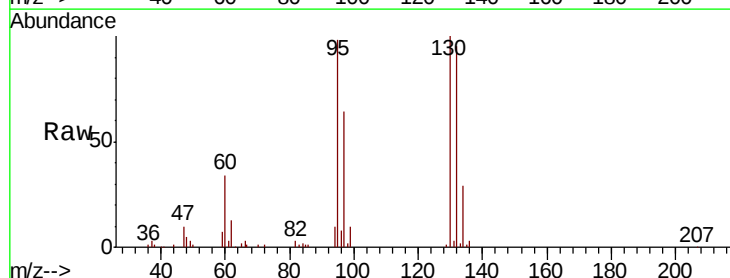
Acq: 16 Apr 2020 11:56

Tgt Ion:130 Resp: 52636

Ion Ratio Lower Upper

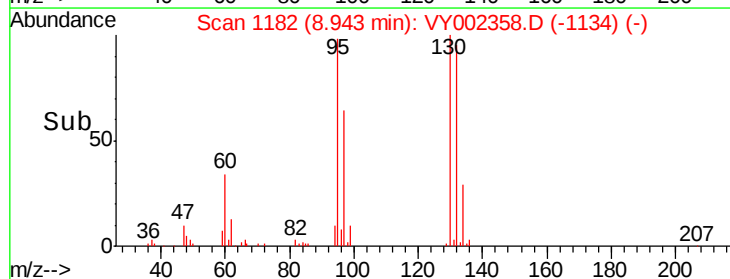
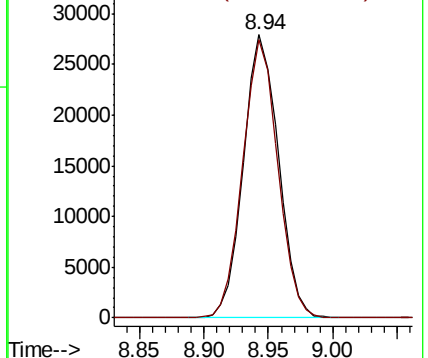
130 100

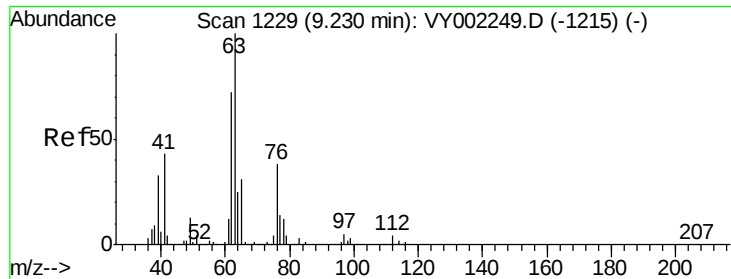
95 98.3 0.0 208.2



Abundance Ion 129.80 (129.50 to 130.50): VY002249.D (-1173) (-)

Ion 94.90 (94.60 to 95.60): VY002249.D (-1173) (-)





#45

1,2-Dichloropropane

Concen: 19.861 ug/l

RT: 9.22 min Scan# 1228

Delta R.T. -0.01 min

Lab File: VY002358.D

Acq: 16 Apr 2020 11:56

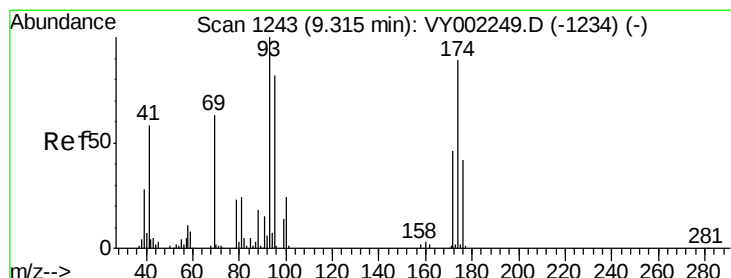
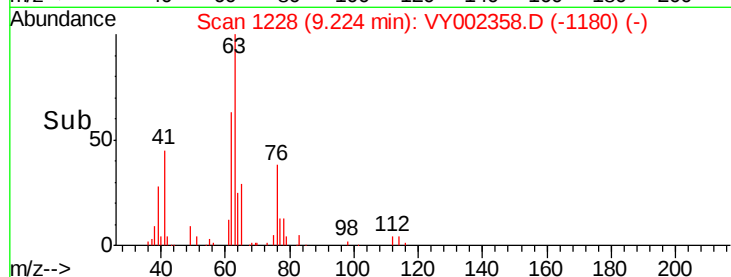
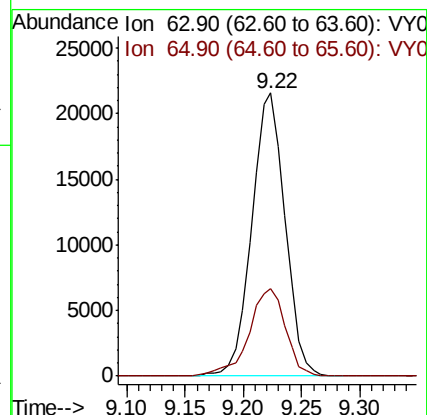
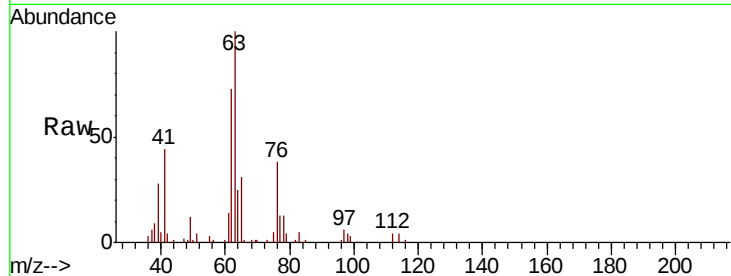
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 63 Resp: 43017

Ion Ratio Lower Upper

63 100

65 30.8 24.6 37.0



#46

Dibromomethane

Concen: 20.373 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. -0.01 min

Lab File: VY002358.D

Acq: 16 Apr 2020 11:56

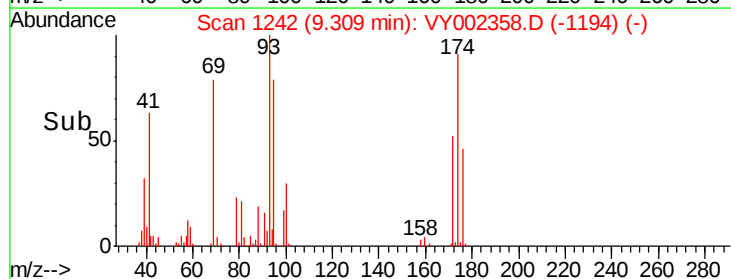
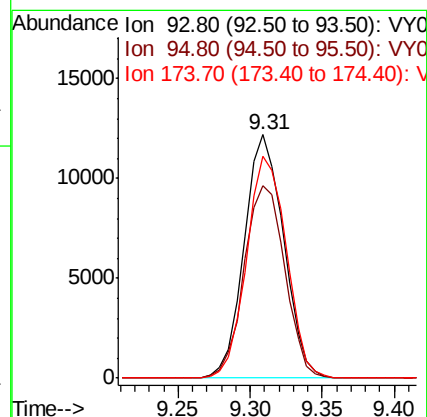
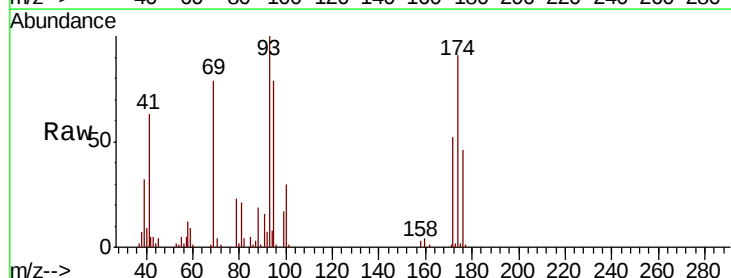
Tgt Ion: 93 Resp: 23071

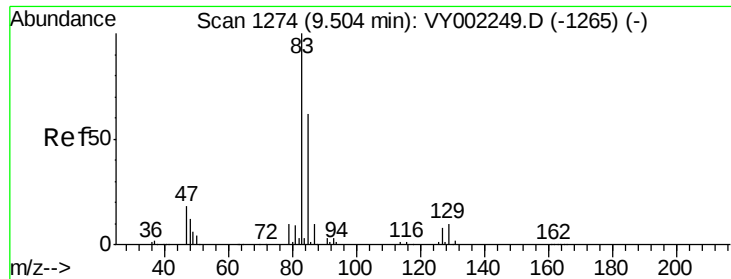
Ion Ratio Lower Upper

93 100

95 82.0 67.3 100.9

174 92.0 72.5 108.7

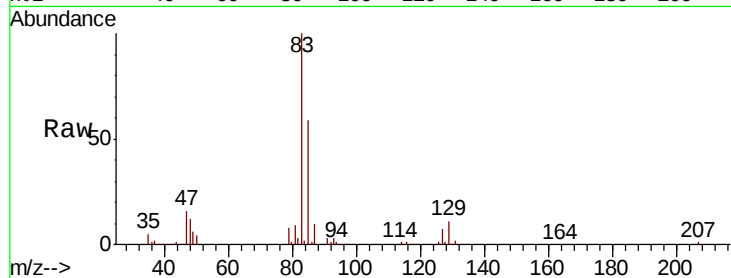




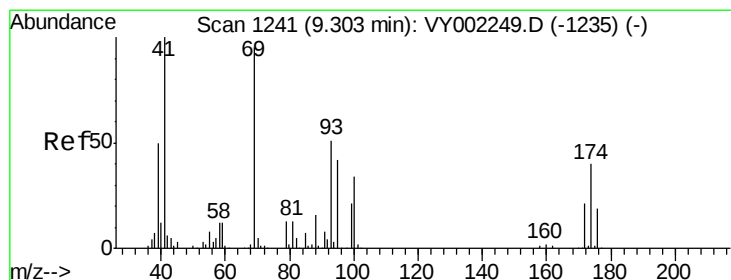
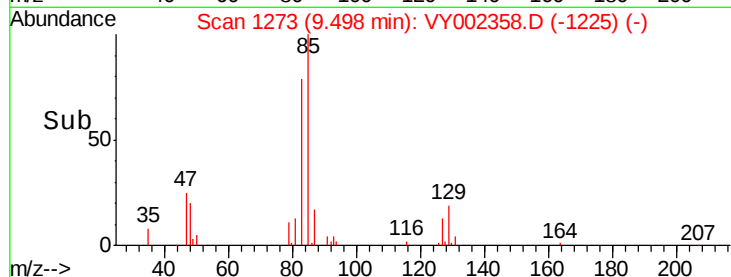
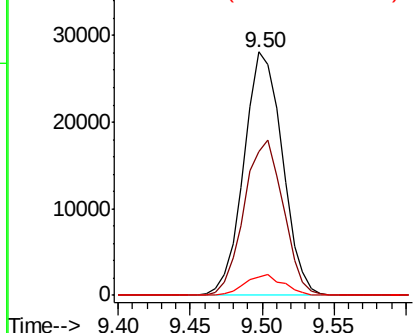
#47
Bromodichloromethane
Concen: 20.096 ug/l
RT: 9.50 min Scan# 1273
Delta R.T. -0.01 min
Lab File: VY002358.D
Acq: 16 Apr 2020 11:56

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 83 Resp: 52217
Ion Ratio Lower Upper
83 100
85 58.8 49.7 74.5
127 7.5 6.2 9.4

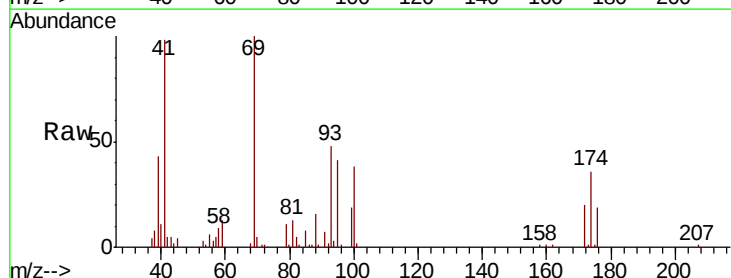


Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 84.90 (84.60 to 85.60): VY0
Ion 126.80 (126.50 to 127.50): VY0

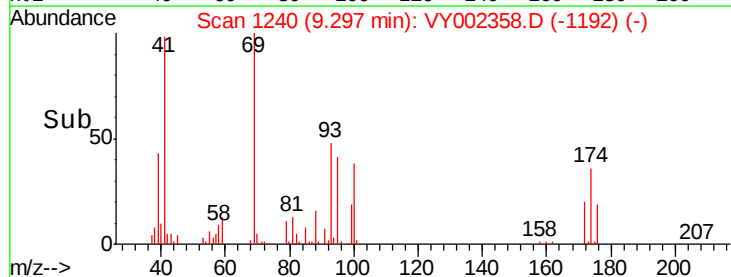
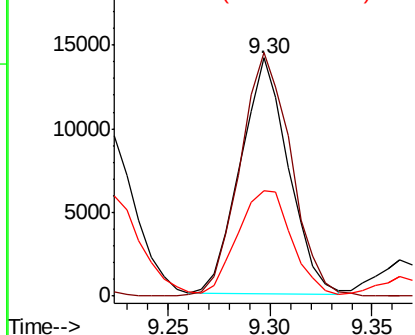


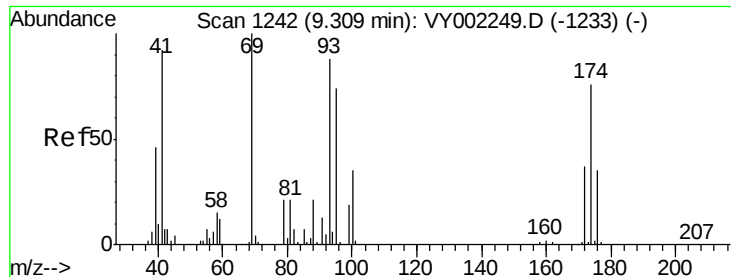
#48
Methyl methacrylate
Concen: 17.218 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. -0.01 min
Lab File: VY002358.D
Acq: 16 Apr 2020 11:56

Tgt Ion: 41 Resp: 23143
Ion Ratio Lower Upper
41 100
69 109.5 76.7 115.1
39 48.5 40.5 60.7



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

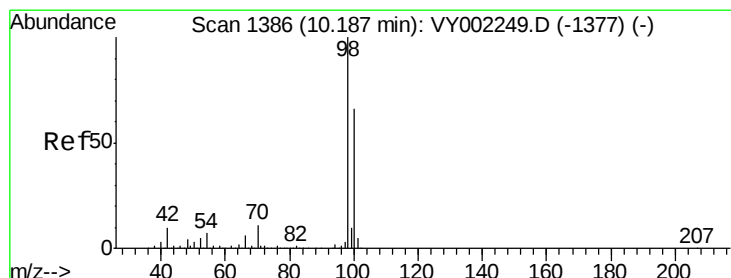
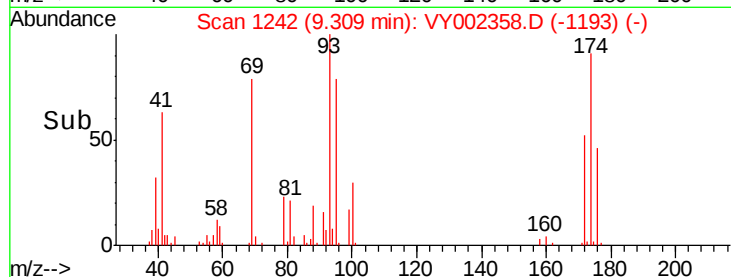
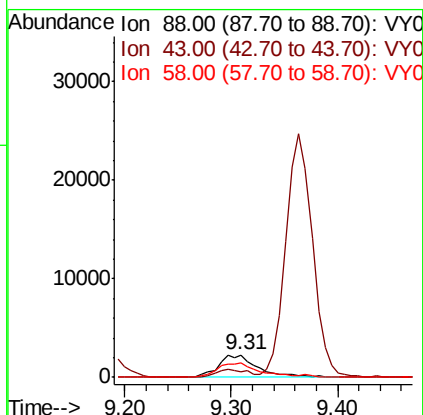
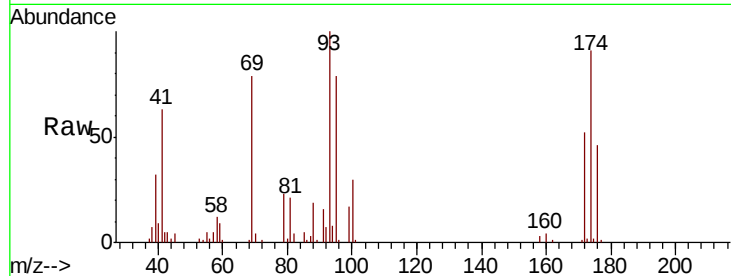




#49
1,4-Dioxane
Concen: 368.059 ug/l
RT: 9.31 min Scan# 1242
Delta R.T. -0.00 min
Lab File: VY002358.D
Acq: 16 Apr 2020 11:56

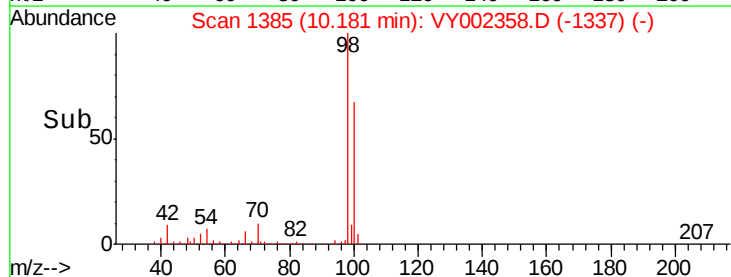
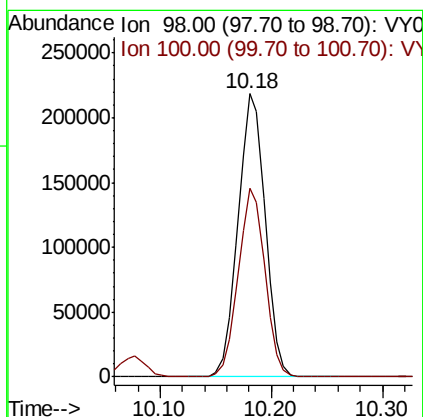
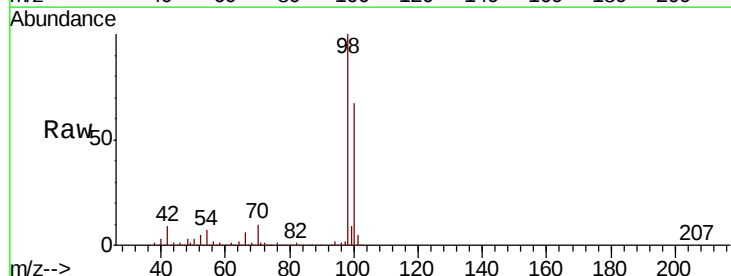
Instrument :
MSVOA_Y
ClientSampleId :

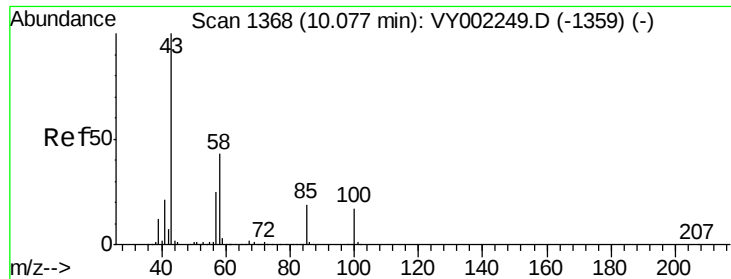
Tot Ion: 88 Resp: 5896
Ion Ratio Lower Upper
88 100
43 29.8 22.2 33.2
58 70.2 57.6 86.4



#50
Toluene-d8
Concen: 50.723 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.01 min
Lab File: VY002358.D
Acq: 16 Apr 2020 11:56

Tgt Ion: 98 Resp: 369011
Ion Ratio Lower Upper
98 100
100 65.5 52.6 78.8

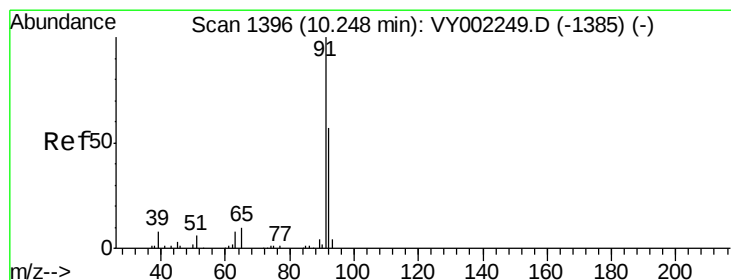
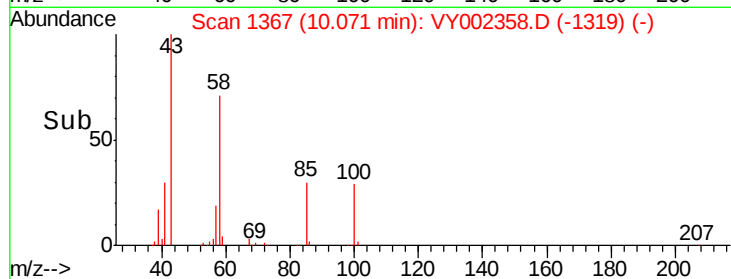
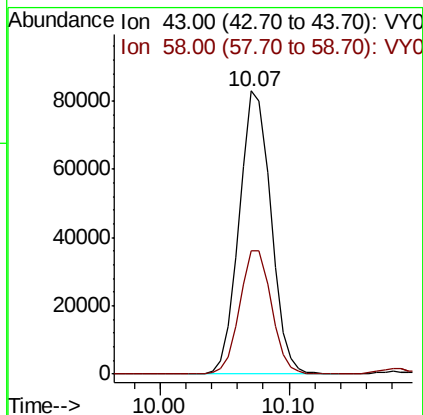
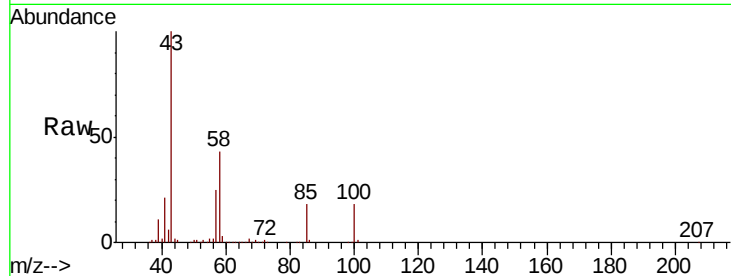




#51
 4-Methyl-2-Pentanone
 Concen: 90.725 ug/l
 RT: 10.07 min Scan# 1367
 Delta R.T. -0.01 min
 Lab File: VY002358.D
 Acq: 16 Apr 2020 11:56

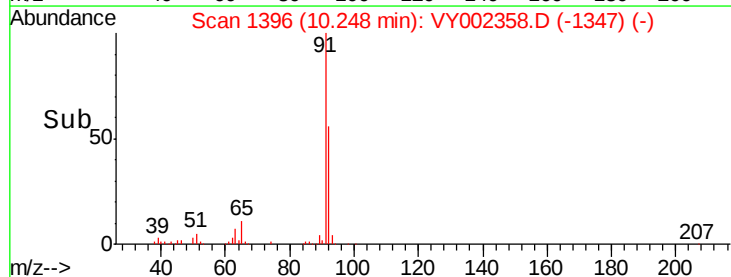
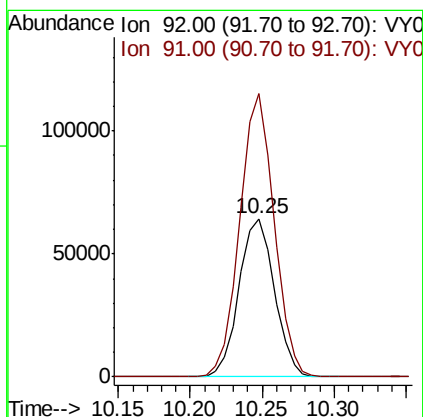
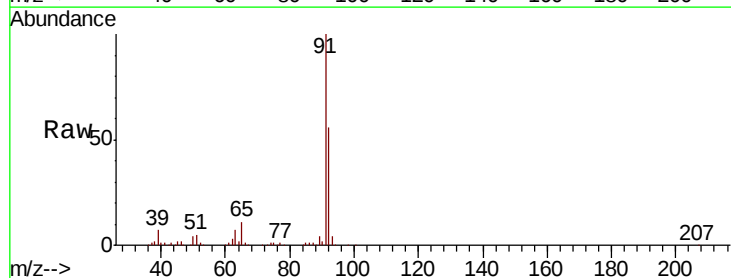
Instrument :
 MSVOA_Y
 ClientSampled :

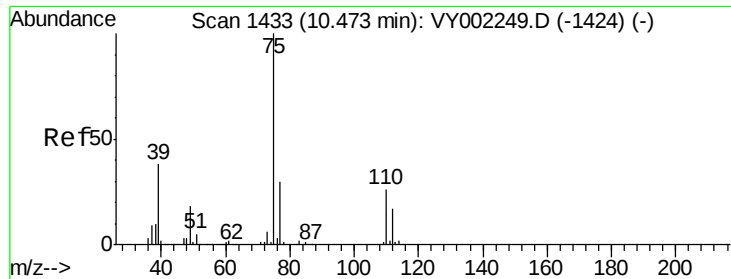
Tot Ion: 43 Resp: 141716
 Ion Ratio Lower Upper
 43 100
 58 43.9 33.8 50.8



#52
 Toluene
 Concen: 20.793 ug/l
 RT: 10.25 min Scan# 1396
 Delta R.T. -0.00 min
 Lab File: VY002358.D
 Acq: 16 Apr 2020 11:56

Tgt Ion: 92 Resp: 109389
 Ion Ratio Lower Upper
 92 100
 91 173.9 139.0 208.6





#53

t-1,3-Dichloropropene

Concen: 19.721 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.01 min

Lab File: VY002358.D

Acq: 16 Apr 2020 11:56

Instrument :

MSVOA_Y

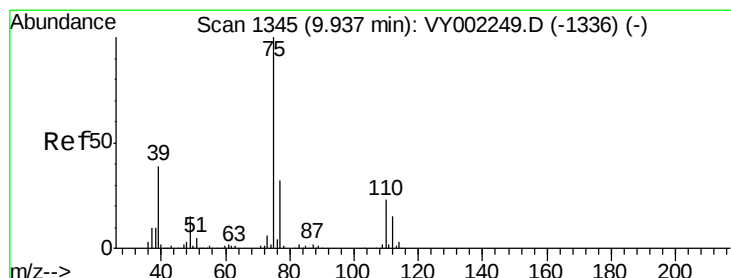
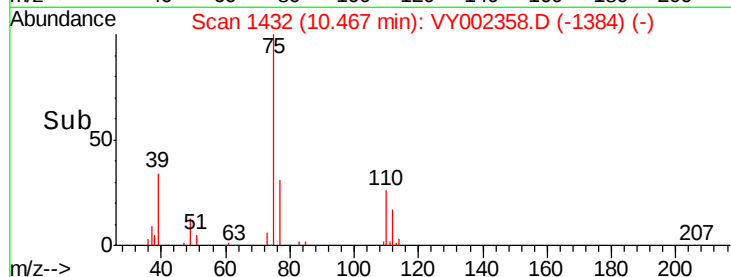
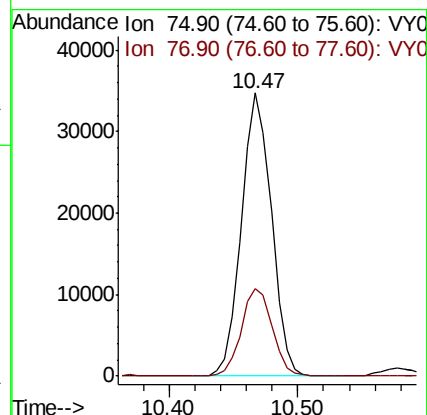
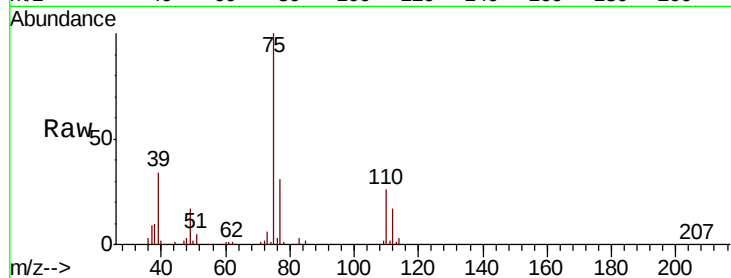
ClientSampleId :

Tot Ion: 75 Resp: 55833

Ion Ratio Lower Upper

75 100

77 30.8 24.2 36.2



#54

cis-1,3-Dichloropropene

Concen: 20.171 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. -0.01 min

Lab File: VY002358.D

Acq: 16 Apr 2020 11:56

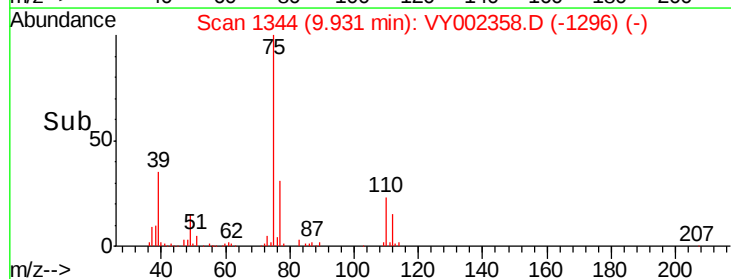
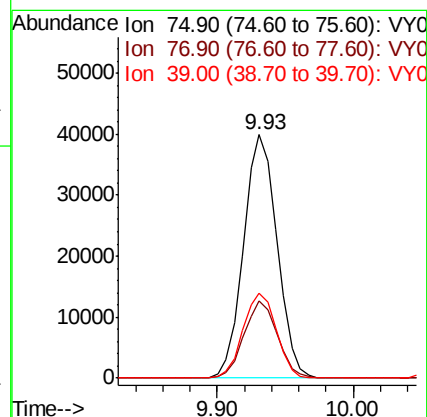
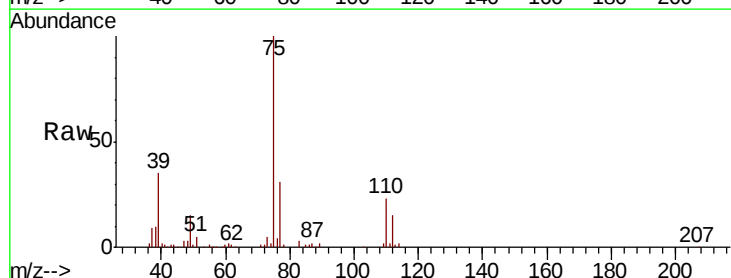
Tgt Ion: 75 Resp: 68657

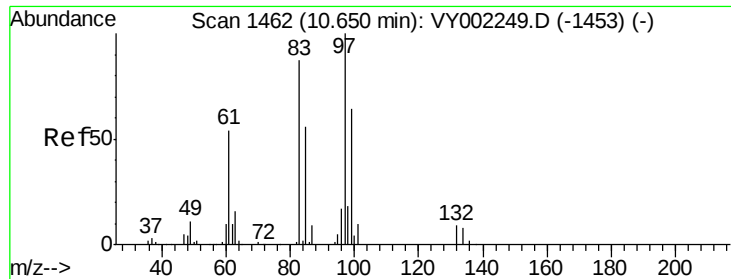
Ion Ratio Lower Upper

75 100

77 31.5 25.8 38.8

39 34.7 30.8 46.2

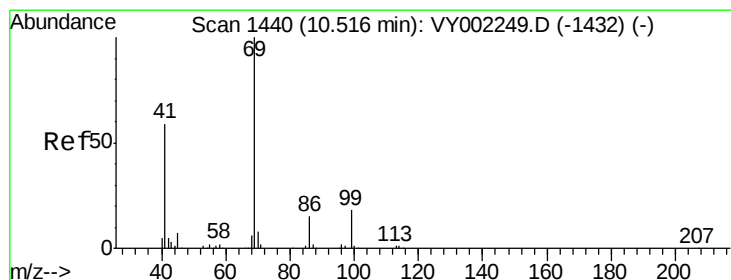
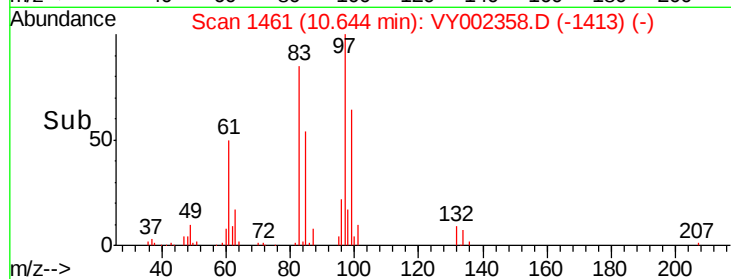
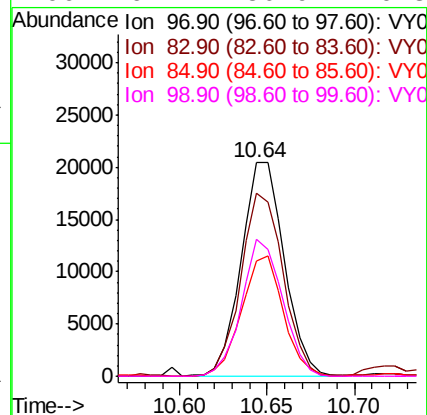
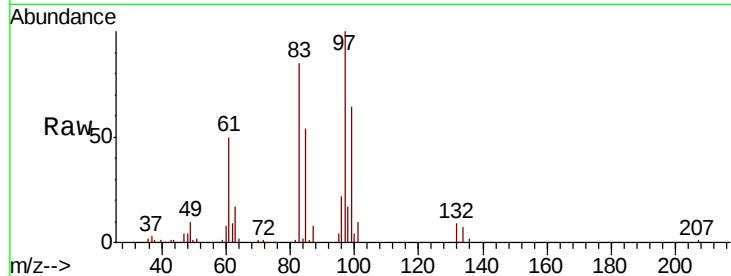




#55
 1,1,2-Trichloroethane
 Concen: 21.143 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.01 min
 Lab File: VY002358.D
 Acq: 16 Apr 2020 11:56

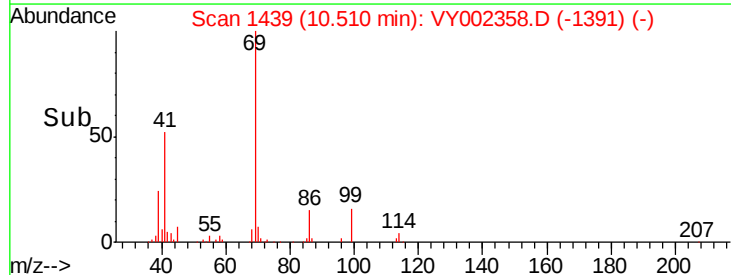
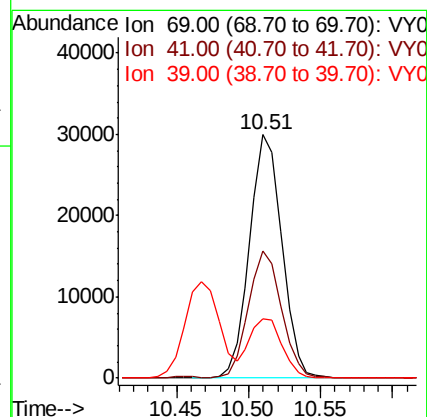
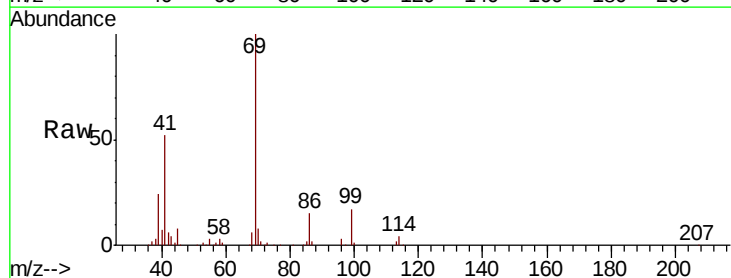
Instrument :
 MSVOA_Y
 ClientSampleId :

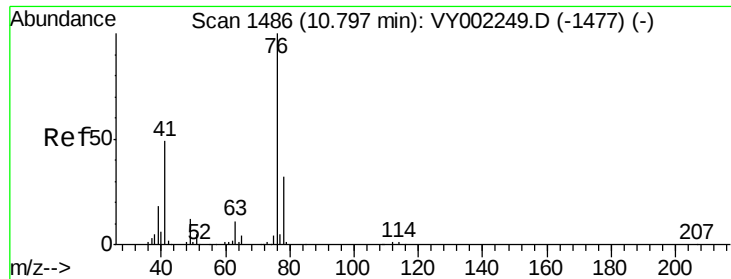
Tot Ion:	97	Resp:	35055
Ion	Ratio	Lower	Upper
97	100		
83	85.5	69.5	104.3
85	54.1	45.2	67.8
99	64.2	50.9	76.3



#56
 Ethyl methacrylate
 Concen: 19.691 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: VY002358.D
 Acq: 16 Apr 2020 11:56

Tgt Ion:	69	Resp:	46595
Ion	Ratio	Lower	Upper
69	100		
41	53.7	47.9	71.9
39	24.9	23.8	35.6





#57

1,3-Dichloropropane

Concen: 20.643 ug/l

RT: 10.80 min Scan# 1486

Delta R.T. -0.00 min

Lab File: VY002358.D

Acq: 16 Apr 2020 11:56

Instrument :

MSVOA_Y

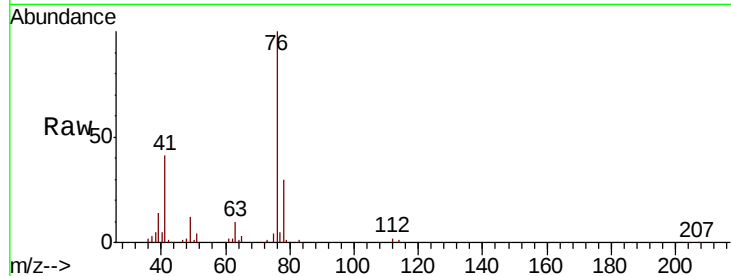
ClientSampled :

Tot Ion: 76 Resp: 60158

Ion Ratio Lower Upper

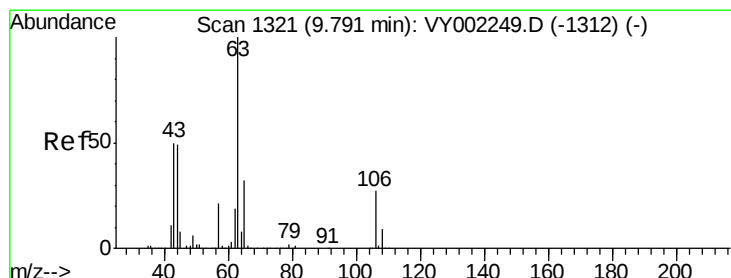
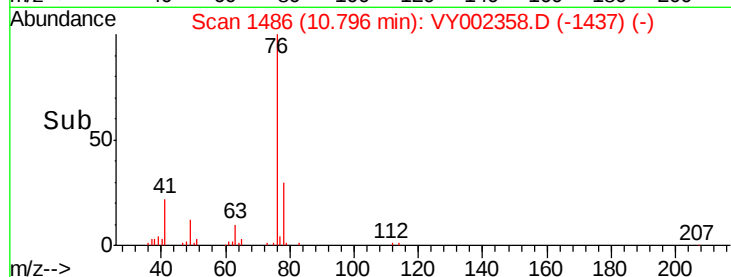
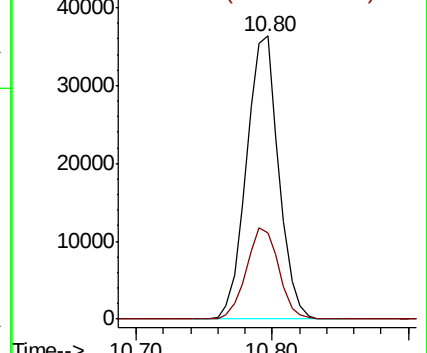
76 100

78 32.5 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#58

2-Chloroethyl Vinyl ether

Concen: 101.026 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. -0.01 min

Lab File: VY002358.D

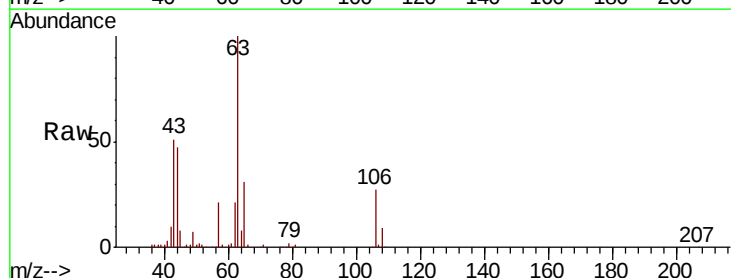
Acq: 16 Apr 2020 11:56

Tgt Ion: 63 Resp: 123797

Ion Ratio Lower Upper

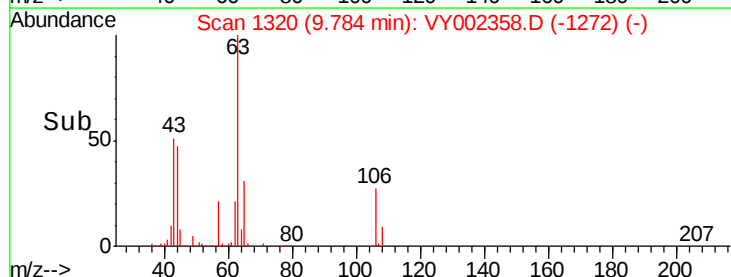
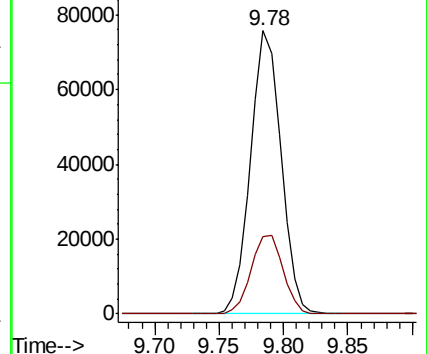
63 100

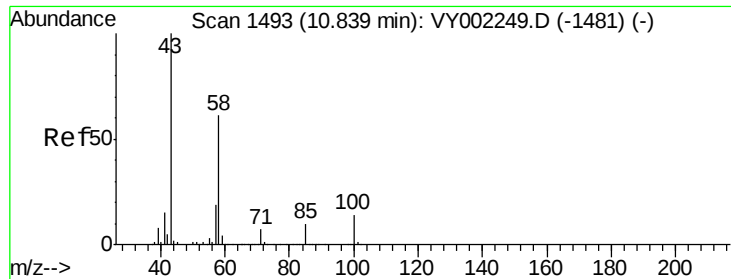
106 29.1 22.2 33.2



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V





#59

2-Hexanone

Concen: 90.999 ug/l

RT: 10.83 min Scan# 1492

Delta R.T. -0.01 min

Lab File: VY002358.D

Acq: 16 Apr 2020 11:56

Instrument :

MSVOA_Y

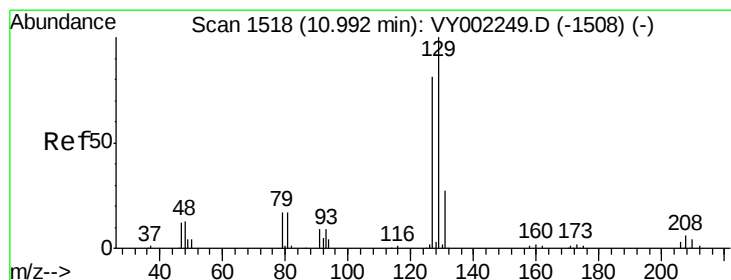
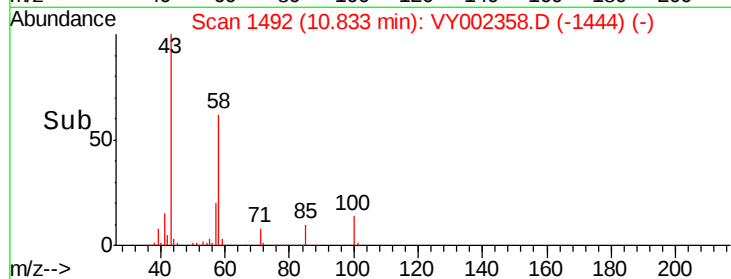
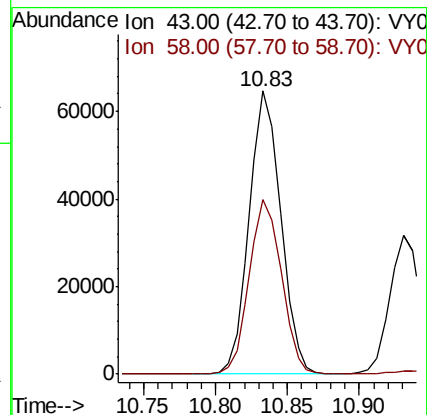
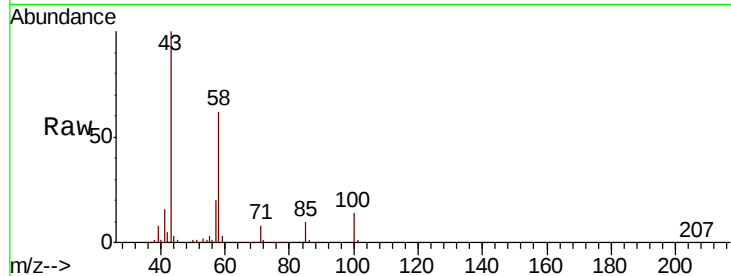
ClientSampleId :

Tot Ion: 43 Resp: 98652

Ion Ratio Lower Upper

43 100

58 62.7 29.8 89.3



#60

Dibromochloromethane

Concen: 20.339 ug/l

RT: 10.99 min Scan# 1517

Delta R.T. -0.01 min

Lab File: VY002358.D

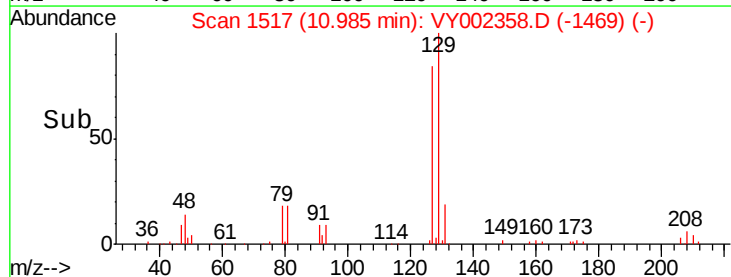
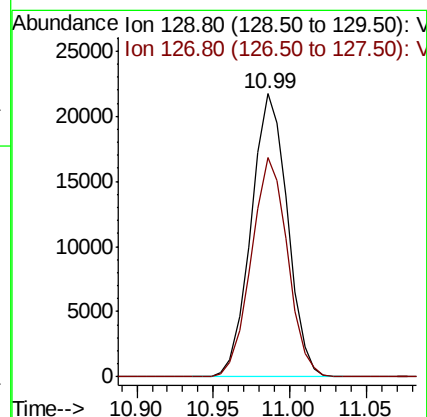
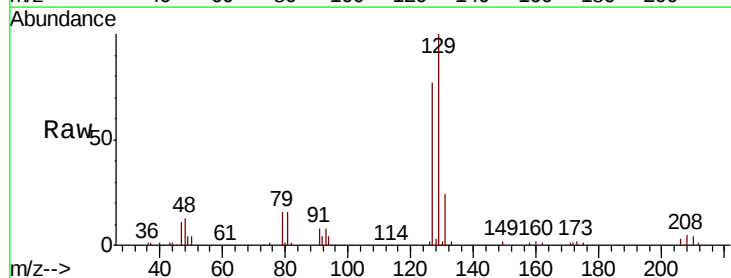
Acq: 16 Apr 2020 11:56

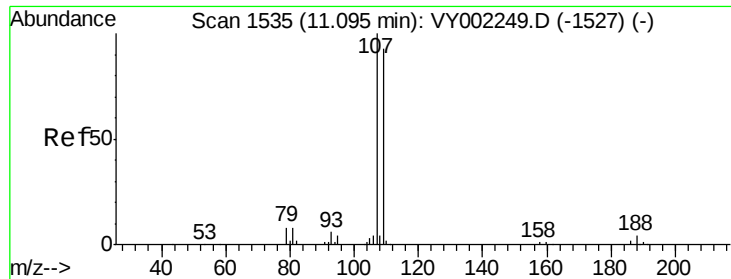
Tgt Ion: 129 Resp: 35957

Ion Ratio Lower Upper

129 100

127 77.2 39.0 117.0

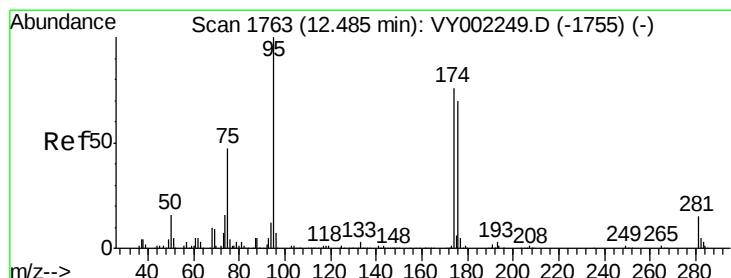
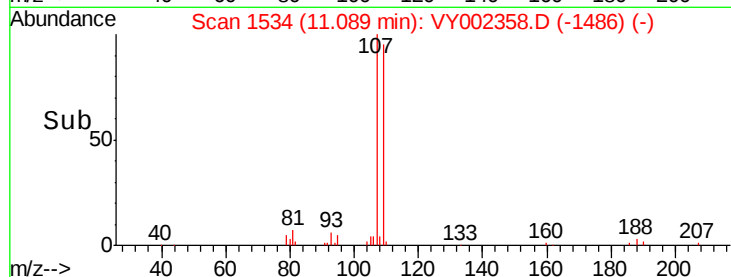
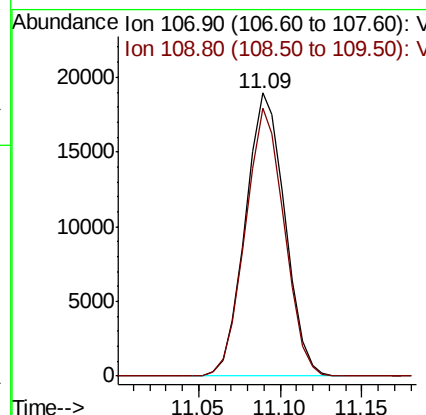
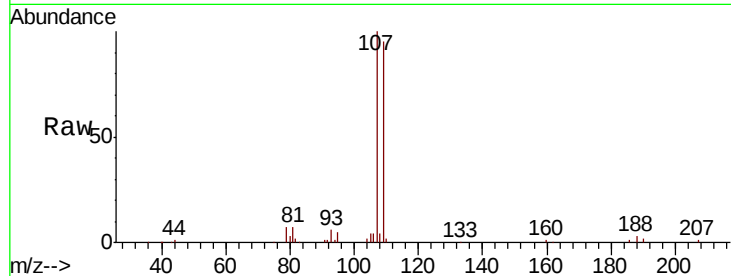




#61
 1,2-Dibromoethane
 Concen: 20.221 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.01 min
 Lab File: VY002358.D
 Acq: 16 Apr 2020 11:56

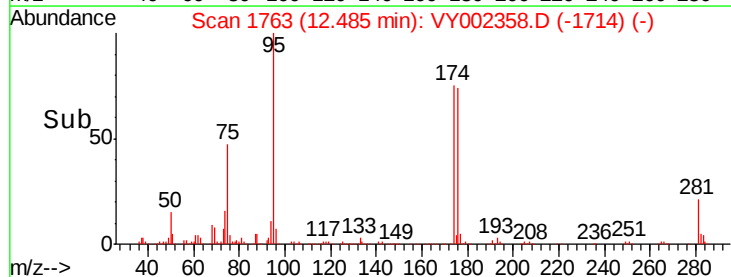
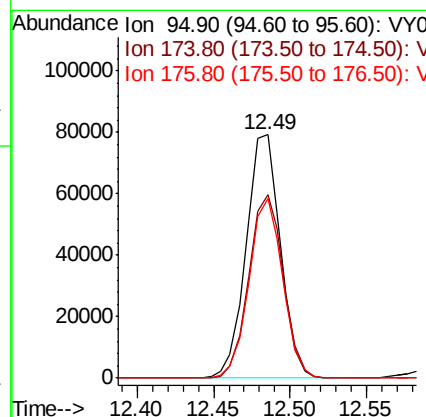
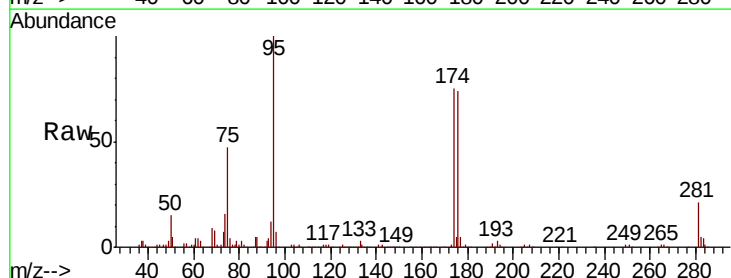
Instrument :
 MSVOA_Y
 ClientSampleId :

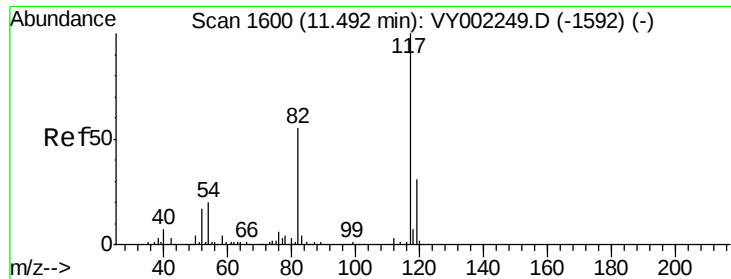
Tot Ion: 107 Resp: 31916
 Ion Ratio Lower Upper
 107 100
 109 93.2 75.6 113.4



#62
 4-Bromofluorobenzene
 Concen: 51.328 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. -0.00 min
 Lab File: VY002358.D
 Acq: 16 Apr 2020 11:56

Tgt Ion: 95 Resp: 123194
 Ion Ratio Lower Upper
 95 100
 174 75.9 0.0 150.6
 176 72.5 0.0 141.4

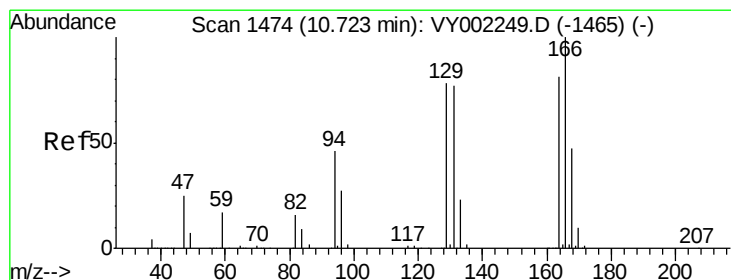
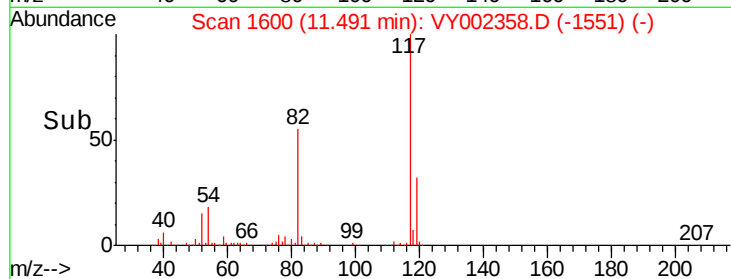
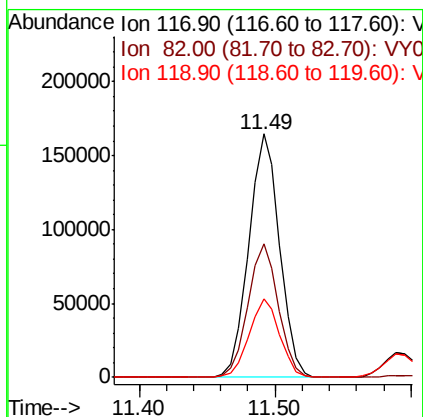
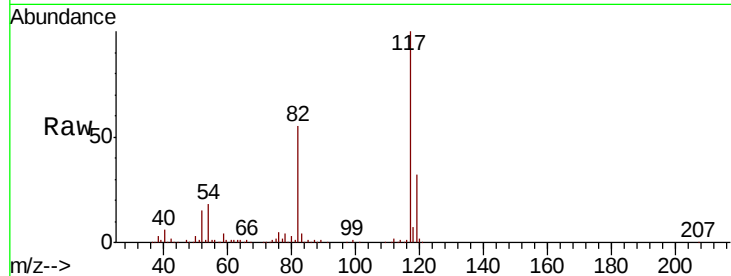




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY002358.D
Acq: 16 Apr 2020 11:56

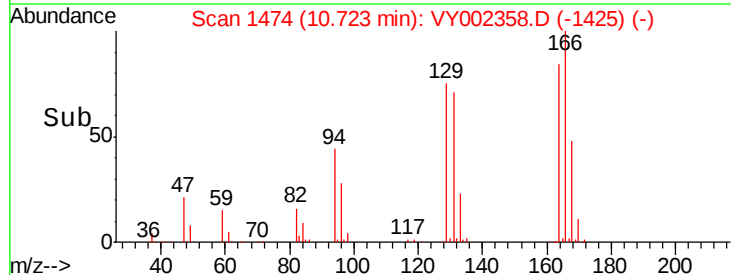
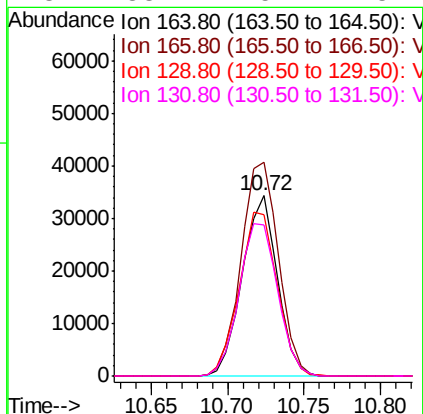
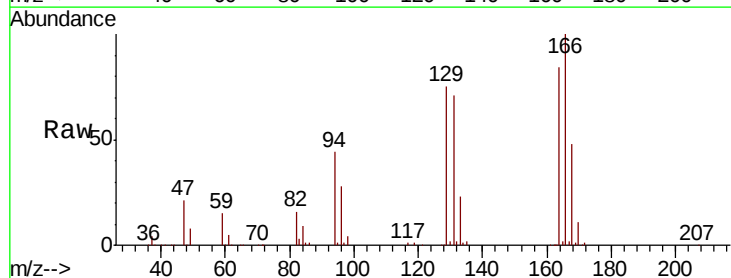
Instrument :
MSVOA_Y
ClientSampled :

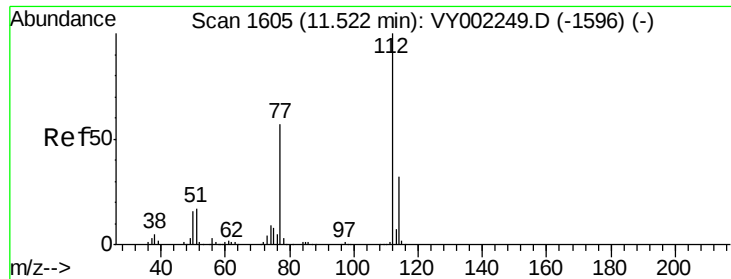
Tot Ion:117 Resp: 260421
Ion Ratio Lower Upper
117 100
82 54.6 44.2 66.4
119 32.2 25.1 37.7



#64
Tetrachloroethene
Concen: 20.733 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VY002358.D
Acq: 16 Apr 2020 11:56

Tgt Ion:164 Resp: 54588
Ion Ratio Lower Upper
164 100
166 118.7 98.4 147.6
129 89.6 76.6 115.0
131 83.7 75.4 113.2





#65

Chlorobenzene

Concen: 21.148 ug/l

RT: 11.52 min Scan# 1604

Delta R.T. -0.01 min

Lab File: VY002358.D

Acq: 16 Apr 2020 11:56

Instrument :

MSVOA_Y

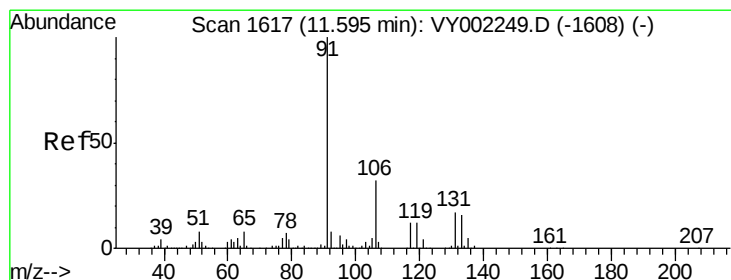
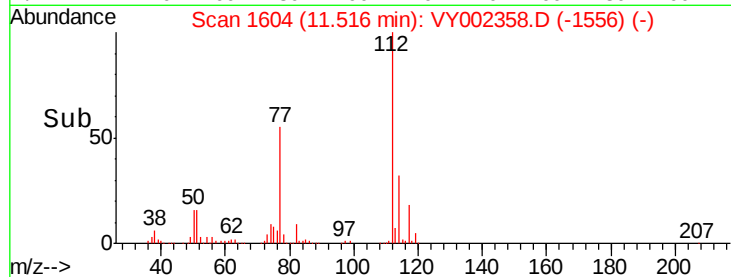
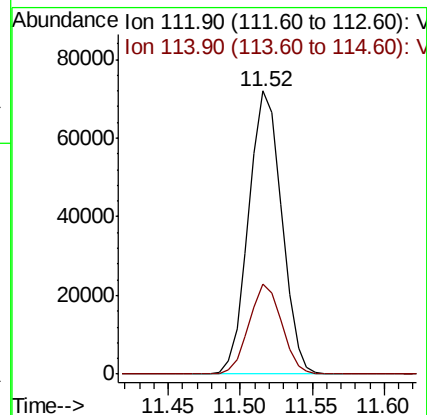
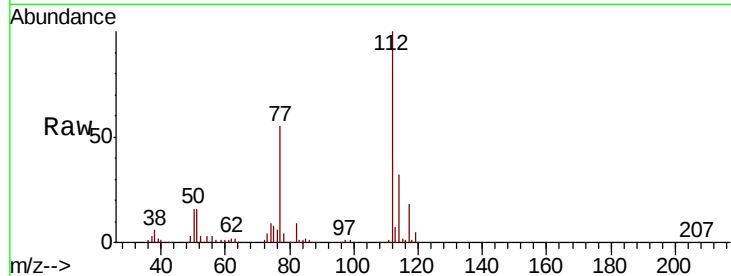
ClientSampleId :

Tot Ion:112 Resp: 114481

Ion Ratio Lower Upper

112 100

114 32.0 25.6 38.4



#66

1,1,1,2-Tetrachloroethane

Concen: 20.763 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. -0.01 min

Lab File: VY002358.D

Acq: 16 Apr 2020 11:56

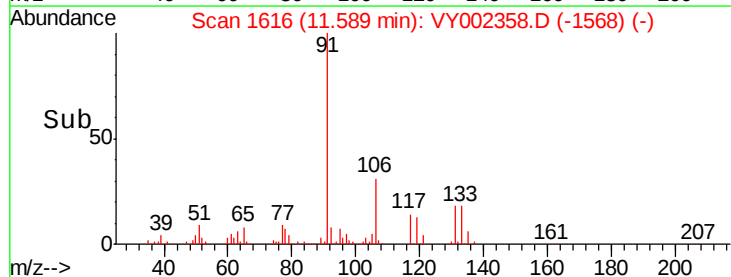
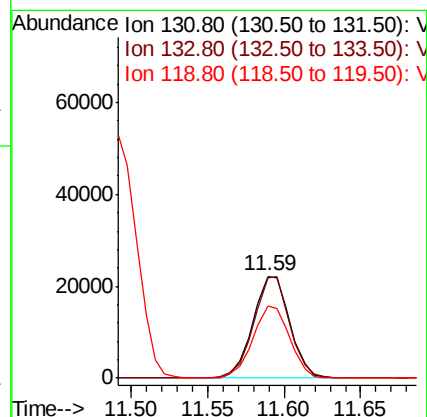
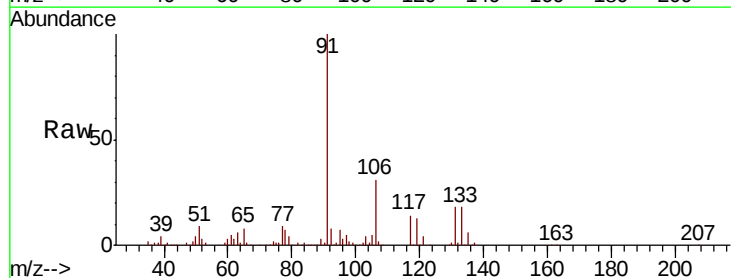
Tgt Ion:131 Resp: 37110

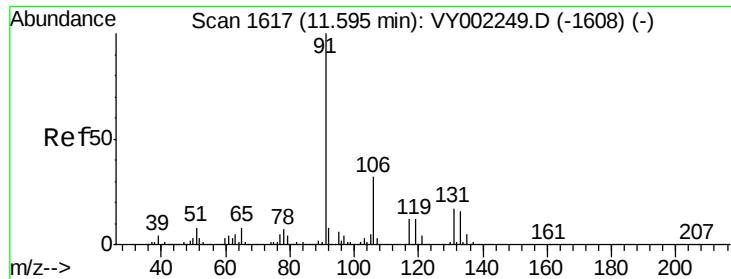
Ion Ratio Lower Upper

131 100

133 97.2 46.5 139.3

119 70.4 34.5 103.6

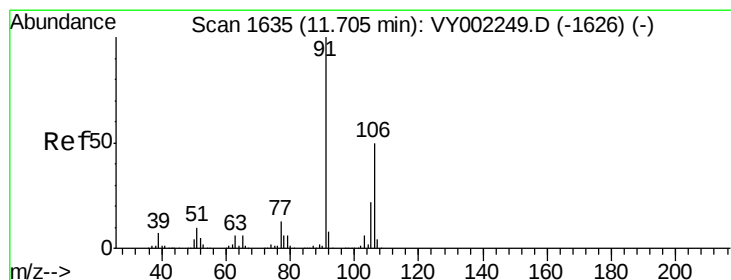
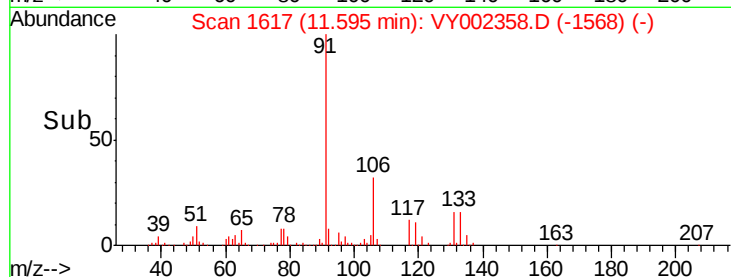
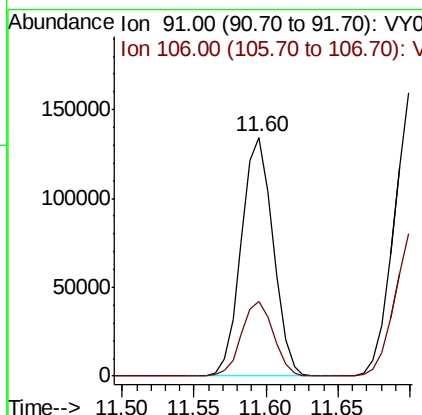
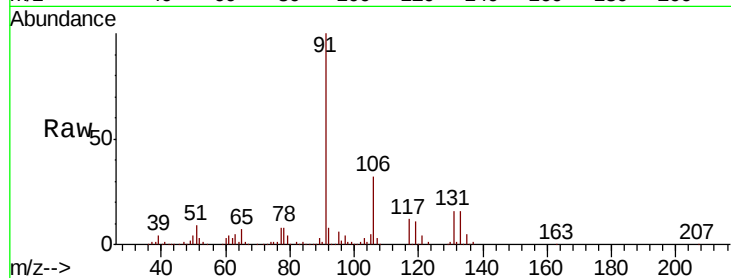




#67
Ethyl Benzene
Concen: 20.753 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. -0.00 min
Lab File: VY002358.D
Acq: 16 Apr 2020 11:56

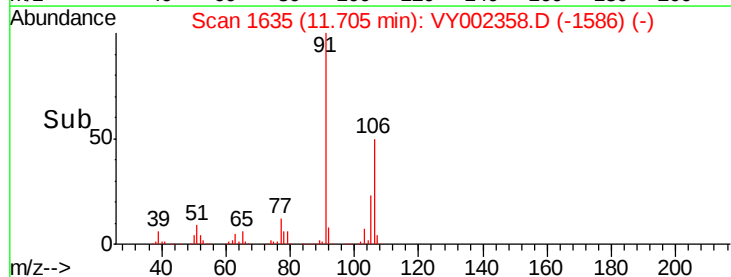
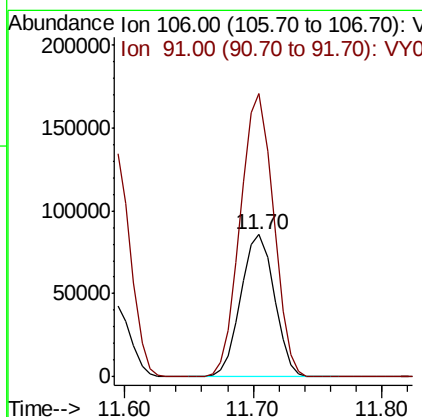
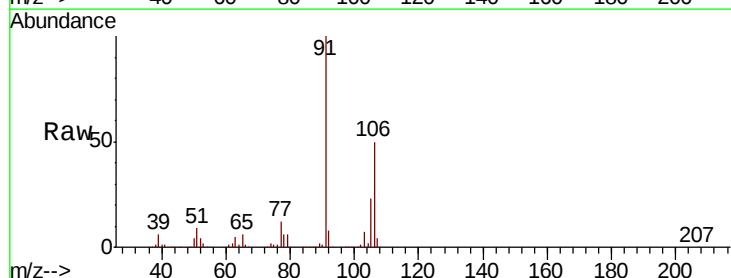
Instrument :
MSVOA_Y
ClientSampled :

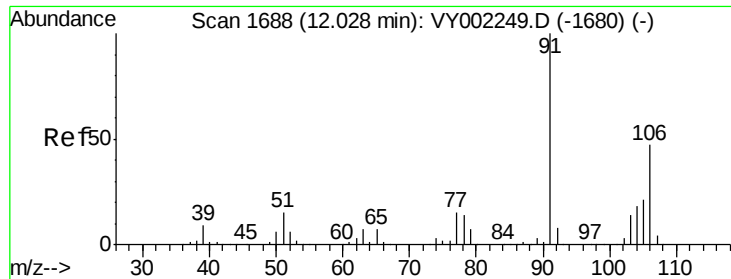
Tot Ion: 91 Resp: 205663
Ion Ratio Lower Upper
91 100
106 31.5 25.4 38.0



#68
m/p-Xylenes
Concen: 41.766 ug/l
RT: 11.70 min Scan# 1635
Delta R.T. -0.00 min
Lab File: VY002358.D
Acq: 16 Apr 2020 11:56

Tgt Ion: 106 Resp: 155028
Ion Ratio Lower Upper
106 100
91 197.1 159.8 239.6

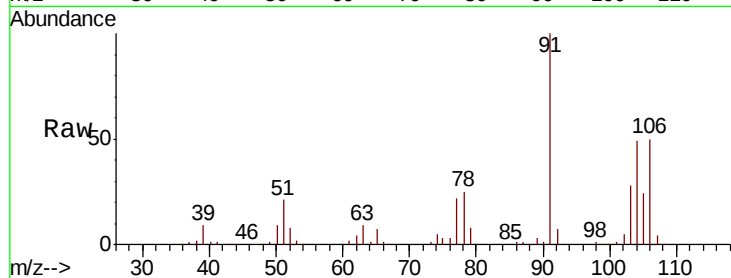




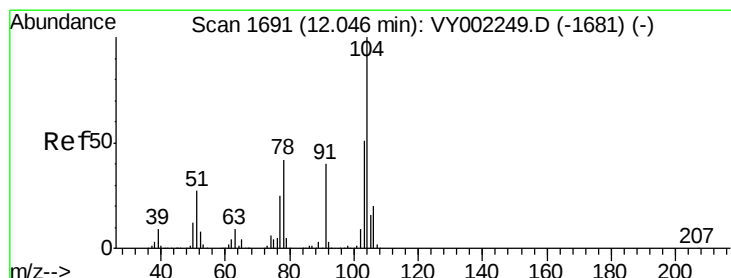
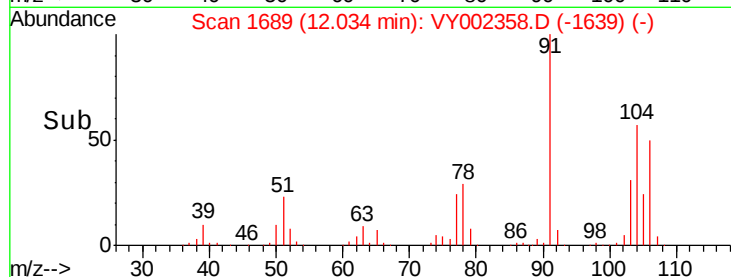
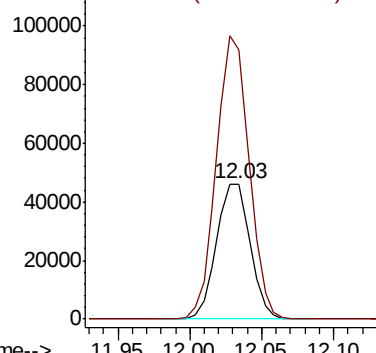
#69
o-Xylene
Concen: 21.358 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. 0.01 min
Lab File: VY002358.D
Acq: 16 Apr 2020 11:56

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:106 Resp: 74427
Ion Ratio Lower Upper
106 100
91 203.4 105.8 317.3

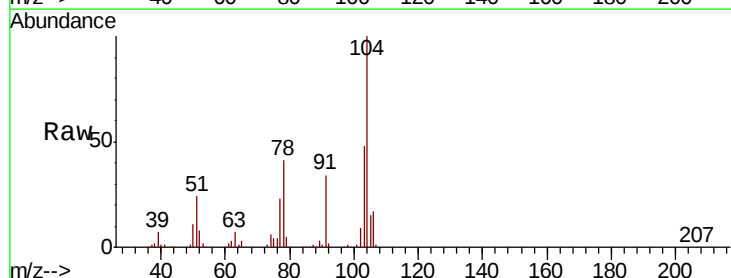


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VY0

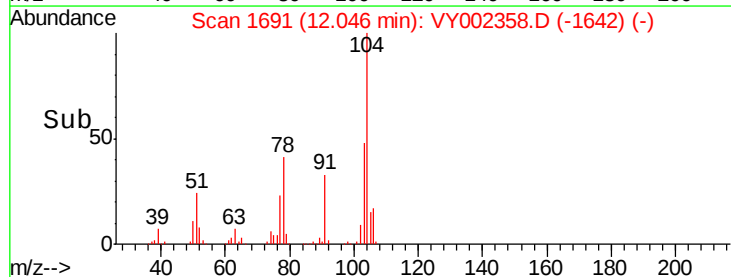
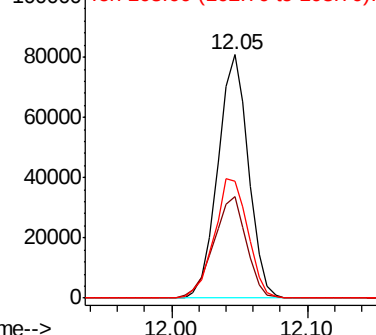


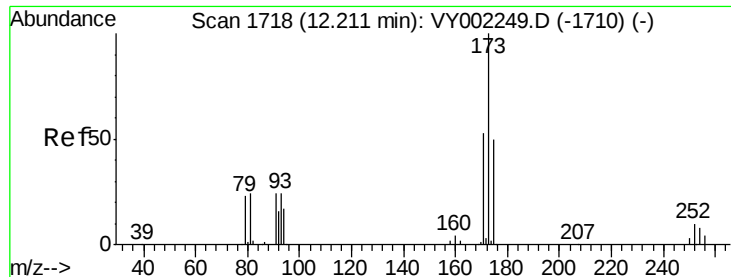
#70
Styrene
Concen: 21.043 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. -0.00 min
Lab File: VY002358.D
Acq: 16 Apr 2020 11:56

Tgt Ion:104 Resp: 127227
Ion Ratio Lower Upper
104 100
78 44.8 37.2 55.8
103 54.0 43.4 65.0



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VY0
Ion 103.00 (102.70 to 103.70): V

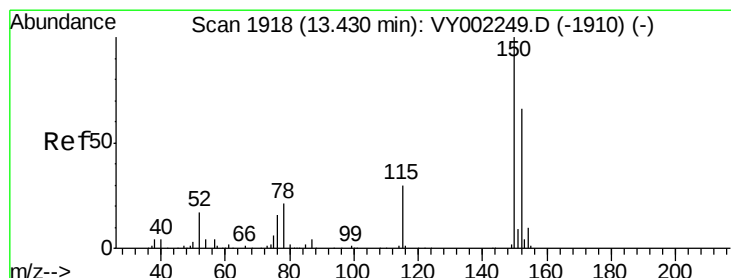
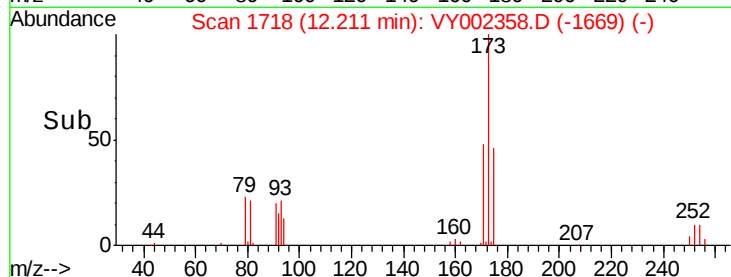
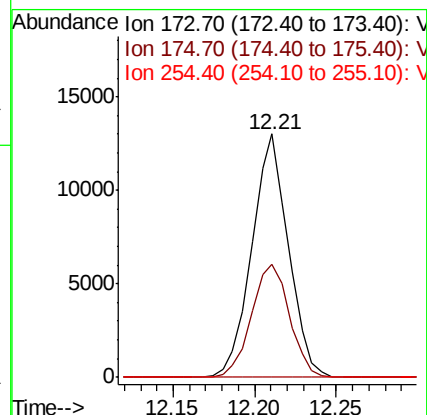
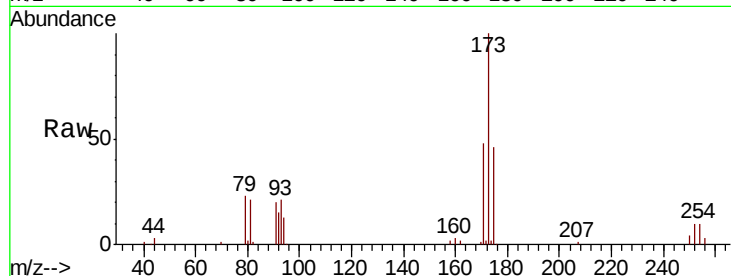




#71
Bromoform
Concen: 20.825 ug/l
RT: 12.21 min Scan# 1718
Delta R.T. -0.00 min
Lab File: VY002358.D
Acq: 16 Apr 2020 11:56

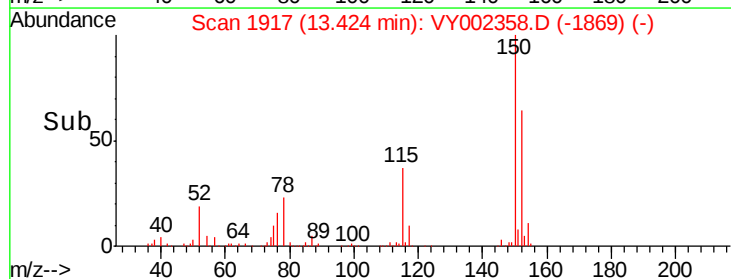
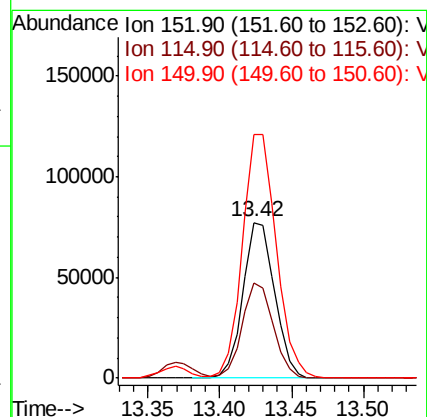
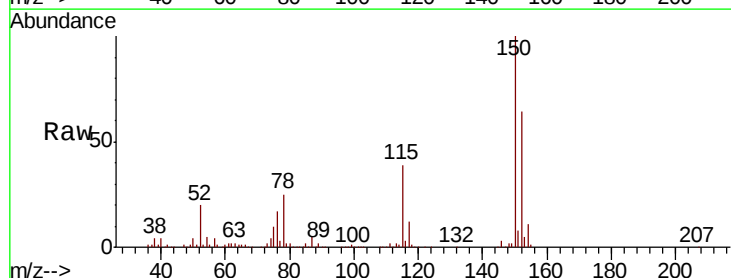
Instrument :
MSVOA_Y
ClientSampleId :

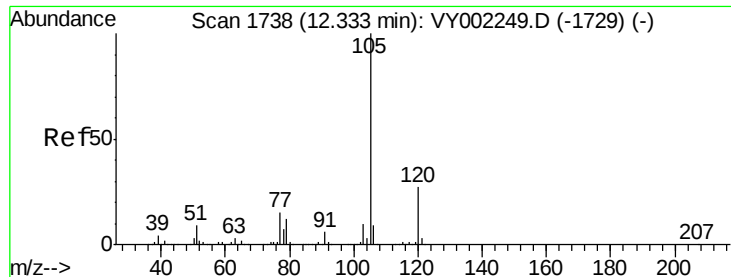
Tot Ion:173 Resp: 20241
Ion Ratio Lower Upper
173 100
175 48.5 24.1 72.3
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.01 min
Lab File: VY002358.D
Acq: 16 Apr 2020 11:56

Tgt Ion:152 Resp: 118104
Ion Ratio Lower Upper
152 100
115 60.2 30.7 92.1
150 166.4 0.0 350.6

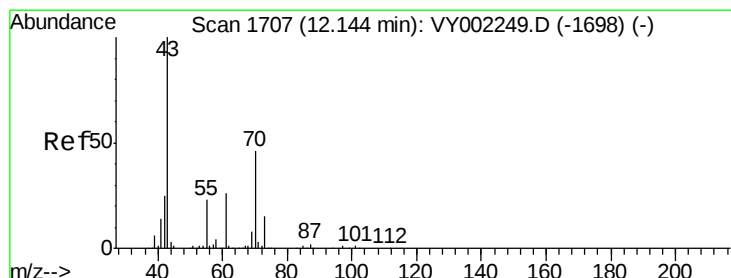
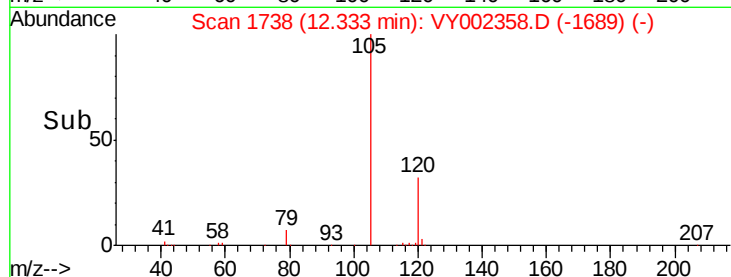
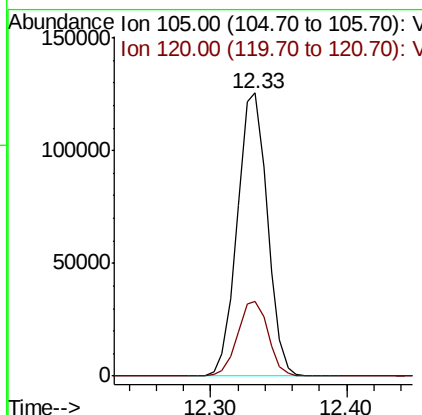
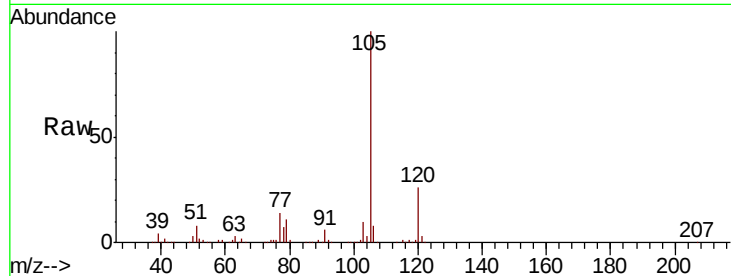




#73
Isopropylbenzene
Concen: 20.866 ug/l
RT: 12.33 min Scan# 1738
Delta R.T. -0.00 min
Lab File: VY002358.D
Acq: 16 Apr 2020 11:56

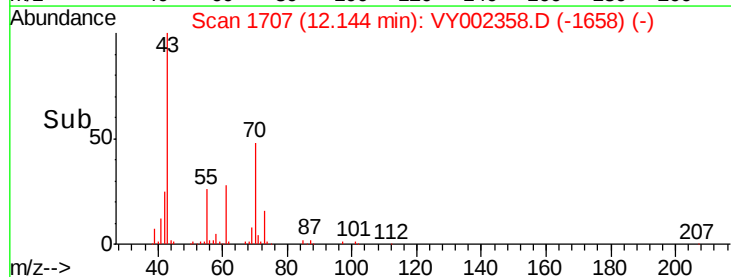
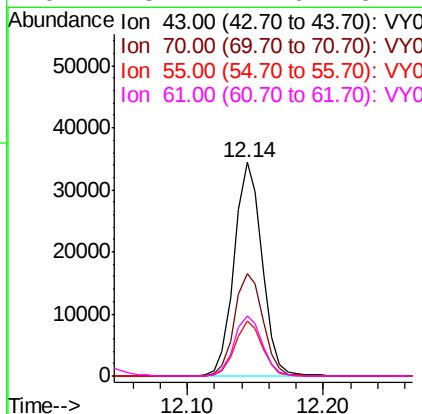
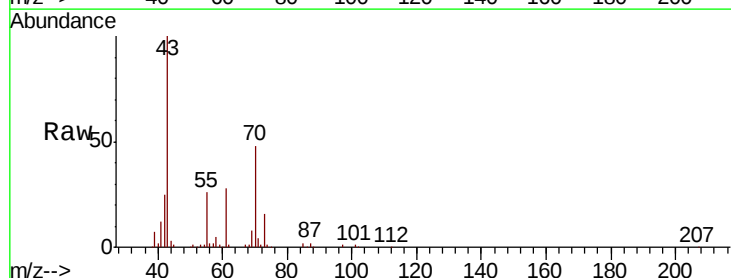
Instrument :
MSVOA_Y
ClientSampled :

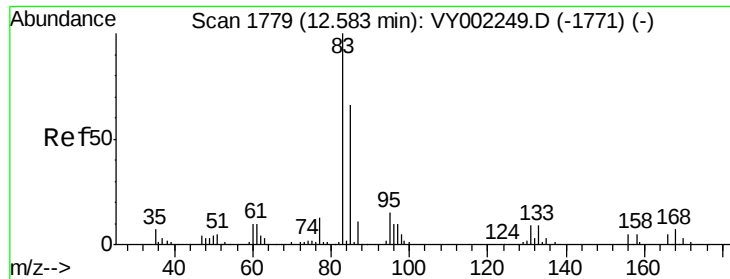
Tot Ion:105 Resp: 193602
Ion Ratio Lower Upper
105 100
120 26.8 13.3 39.8



#74
N-ethyl acetate
Concen: 18.637 ug/l
RT: 12.14 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VY002358.D
Acq: 16 Apr 2020 11:56

Tgt Ion: 43 Resp: 49087
Ion Ratio Lower Upper
43 100
70 49.0 37.5 56.3
55 25.3 19.0 28.6
61 28.4 21.6 32.4





#75

1,1,2,2-Tetrachloroethane

Concen: 21.819 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY002358.D

Acq: 16 Apr 2020 11:56

Instrument :

MSVOA_Y

ClientSampleId :

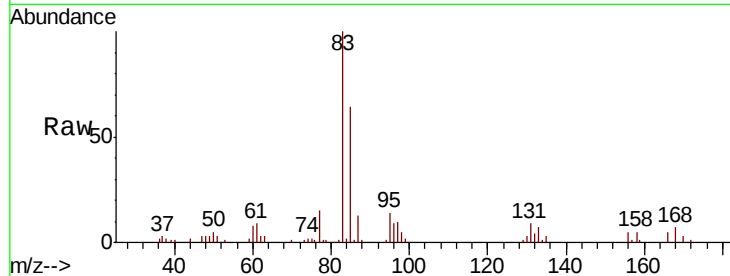
Tot Ion: 83 Resp: 24493

Ion Ratio Lower Upper

83 100

131 9.2 4.9 14.7

85 65.1 32.6 97.8



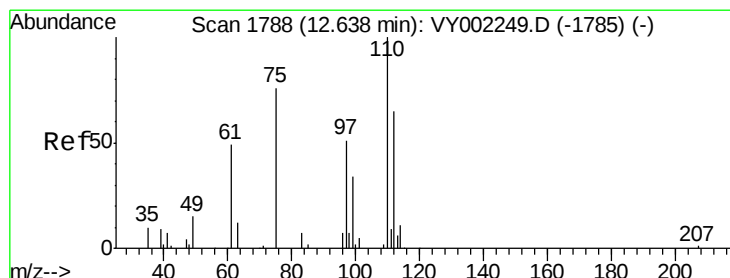
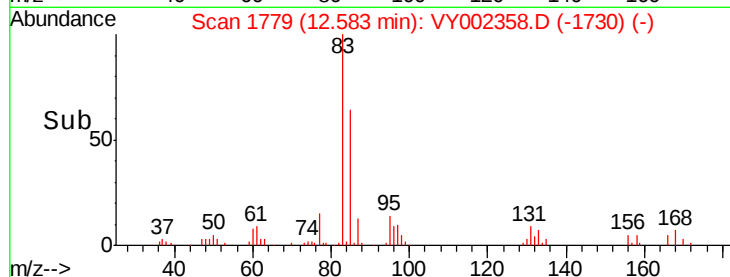
Abundance Ion 82.90 (82.60 to 83.60): VY002249.D (-1771) (-)

Ion 130.80 (130.50 to 131.50): VY002249.D (-1771) (-)

Ion 84.90 (84.60 to 85.60): VY002249.D (-1771) (-)

12.58

Time--> 12.50 12.55 12.60 12.65



#76

1,2,3-Trichloropropane

Concen: 35.783 ug/l

RT: 12.64 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VY002358.D

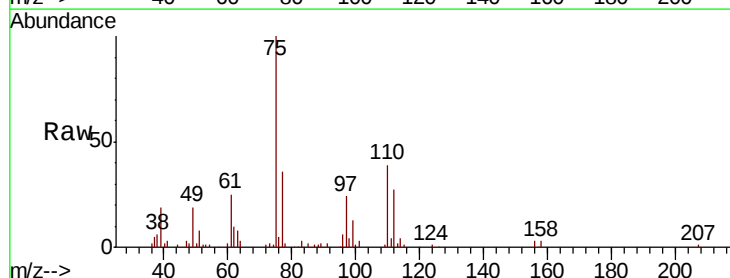
Acq: 16 Apr 2020 11:56

Tgt Ion: 75 Resp: 49074

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

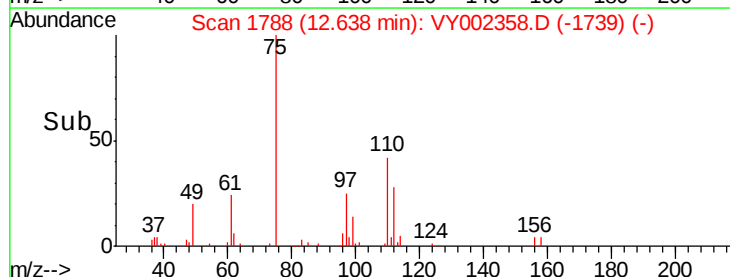


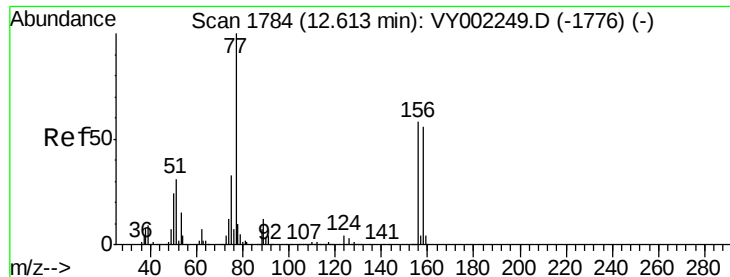
Abundance Ion 74.90 (74.60 to 75.60): VY002249.D (-1785) (-)

Ion 77.00 (76.70 to 77.70): VY002249.D (-1785) (-)

12.64

Time--> 12.50 12.60 12.70





#77

Bromobenzene

Concen: 21.336 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.01 min

Lab File: VY002358.D

Acq: 16 Apr 2020 11:56

Instrument :

MSVOA_Y

ClientSampled :

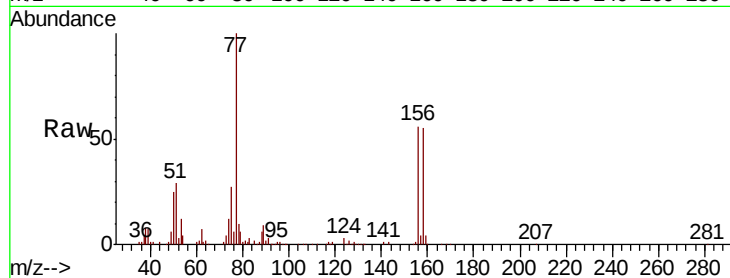
Tot Ion:156 Resp: 43553

Ion Ratio Lower Upper

156 100

77 193.1 101.3 303.9

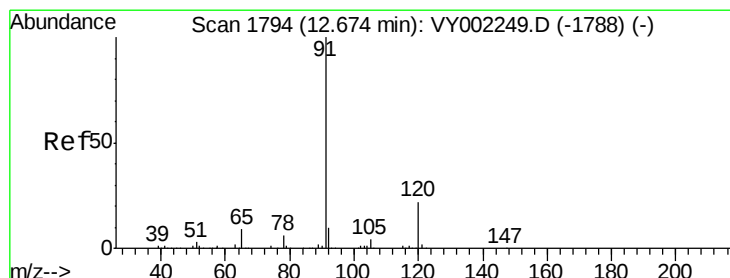
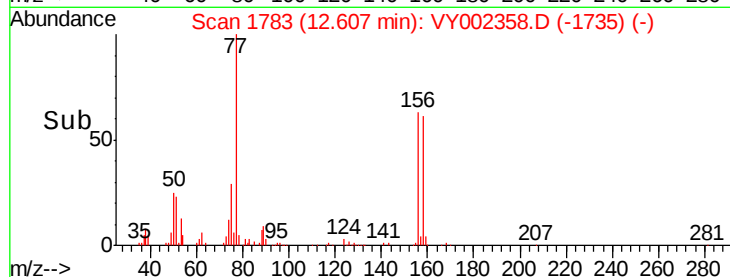
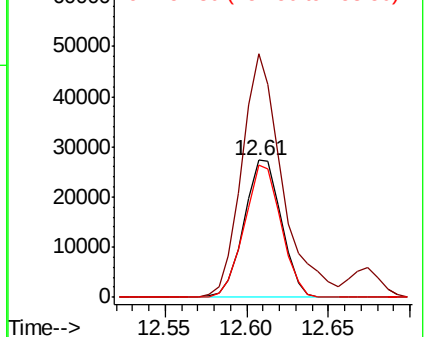
158 95.3 48.3 144.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.573 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. -0.00 min

Lab File: VY002358.D

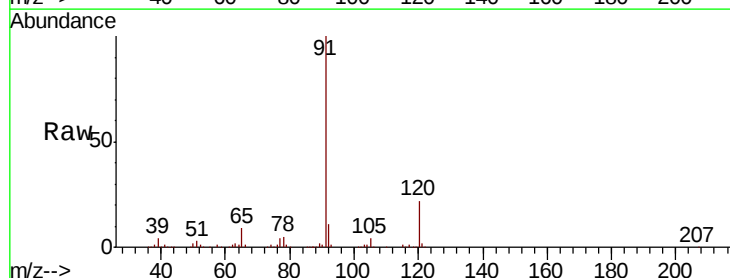
Acq: 16 Apr 2020 11:56

Tgt Ion: 91 Resp: 237409

Ion Ratio Lower Upper

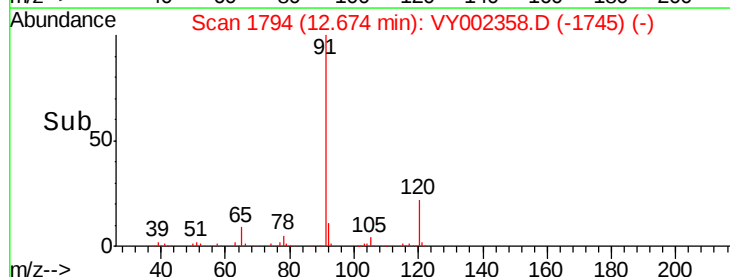
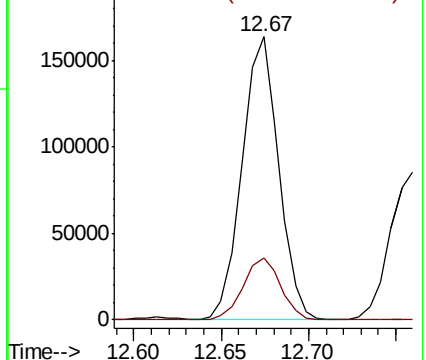
91 100

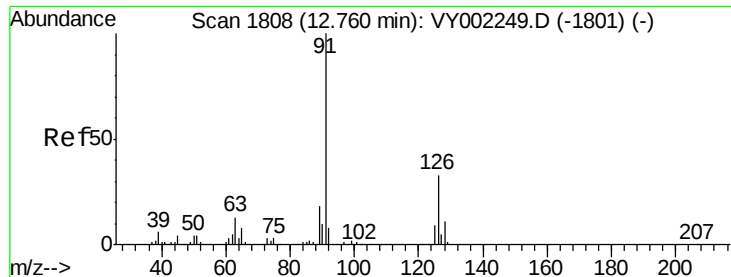
120 22.5 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.767 ug/l

RT: 12.76 min Scan# 1808

Delta R.T. -0.00 min

Lab File: VY002358.D

Acq: 16 Apr 2020 11:56

Instrument :

MSVOA_Y

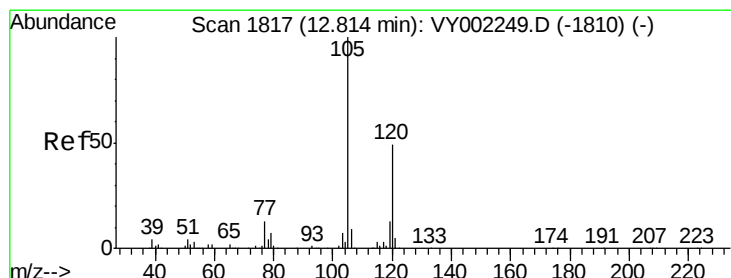
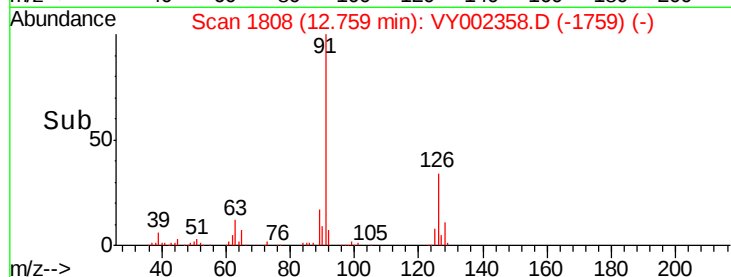
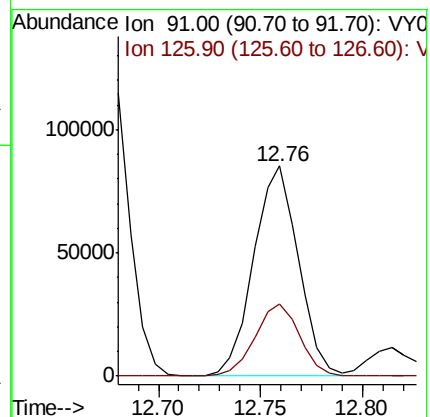
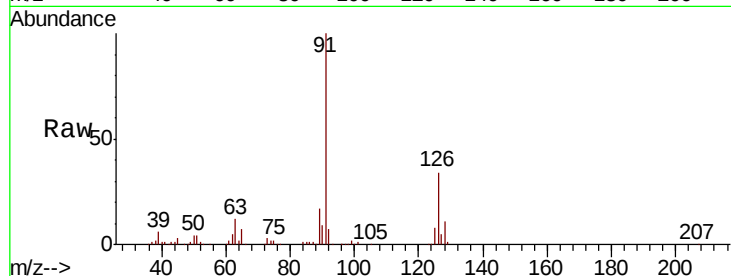
ClientSampleId :

Tot Ion: 91 Resp: 130230

Ion Ratio Lower Upper

91 100

126 34.0 16.9 50.7



#80

1,3,5-Trimethylbenzene

Concen: 21.052 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. -0.00 min

Lab File: VY002358.D

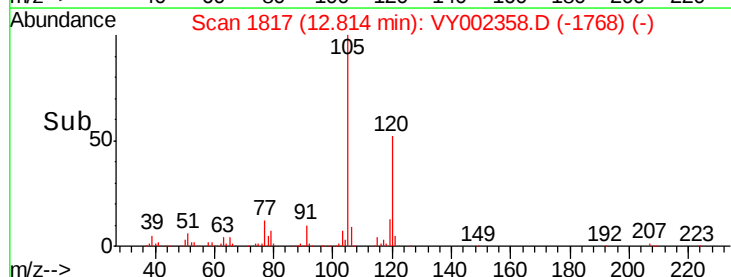
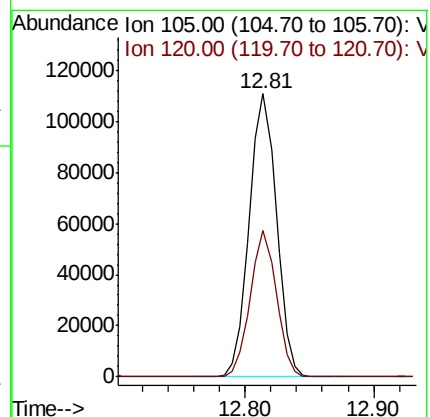
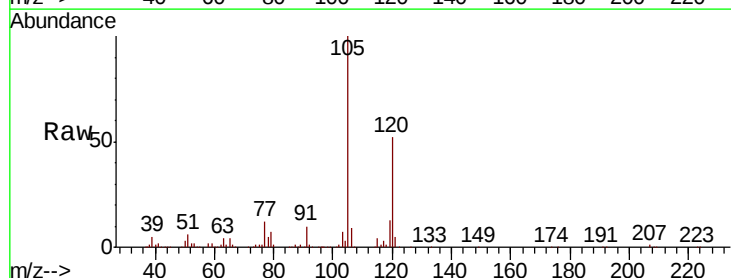
Acq: 16 Apr 2020 11:56

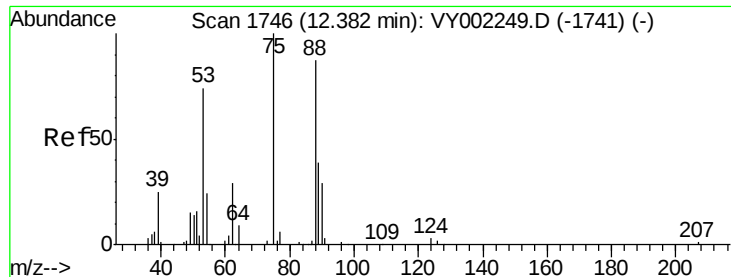
Tgt Ion:105 Resp: 161543

Ion Ratio Lower Upper

105 100

120 49.3 24.7 74.1





#81

trans-1,4-Dichloro-2-butene

Concen: 19.574 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. -0.00 min

Lab File: VY002358.D

Acq: 16 Apr 2020 11:56

Instrument :

MSVOA_Y

ClientSampleId :

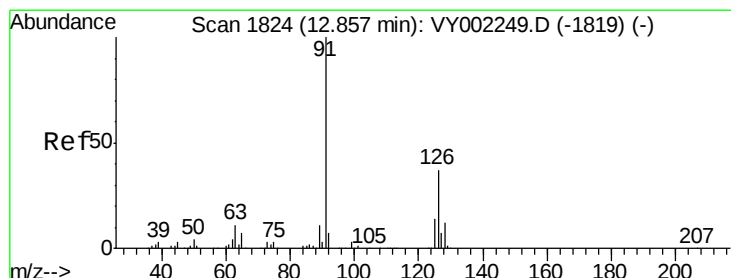
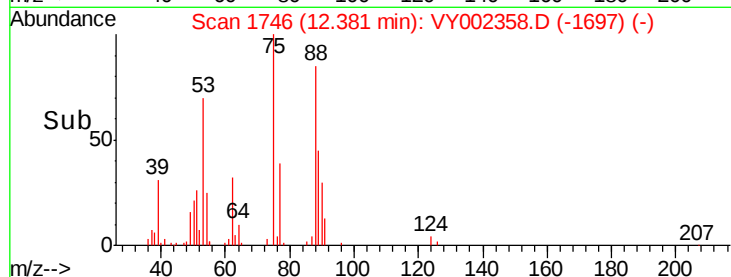
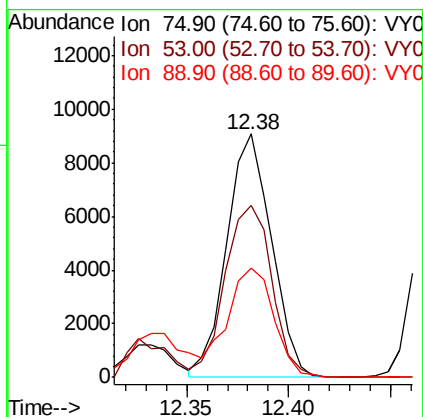
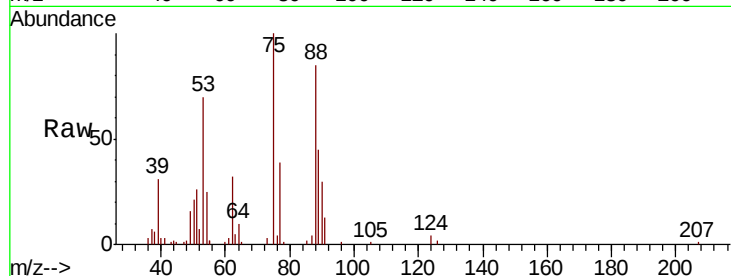
Tot Ion: 75 Resp: 13802

Ion Ratio Lower Upper

75 100

53 74.0 59.8 89.8

89 46.5 37.0 55.6



#82

4-Chlorotoluene

Concen: 20.517 ug/l

RT: 12.86 min Scan# 1824

Delta R.T. -0.00 min

Lab File: VY002358.D

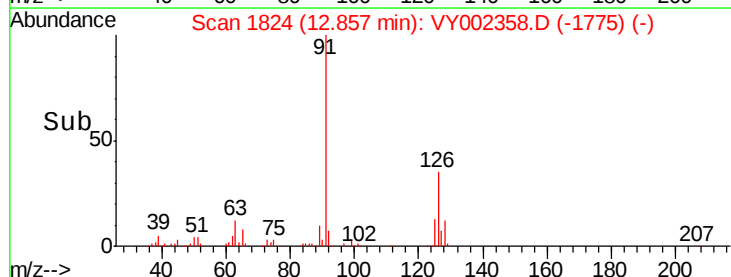
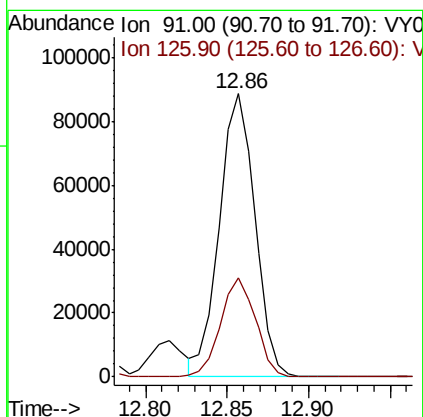
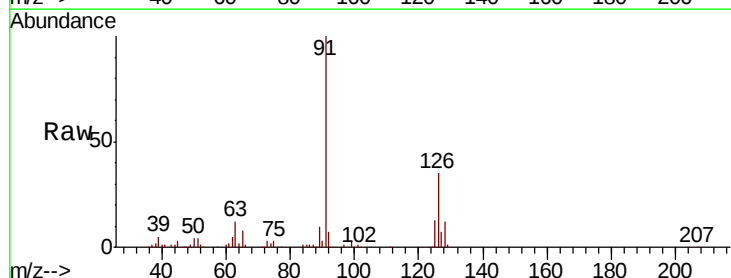
Acq: 16 Apr 2020 11:56

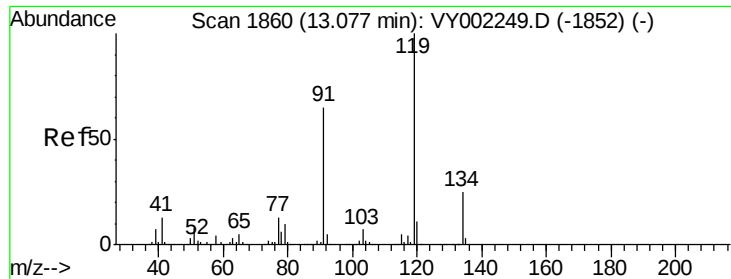
Tgt Ion: 91 Resp: 134858

Ion Ratio Lower Upper

91 100

126 34.4 16.9 50.7

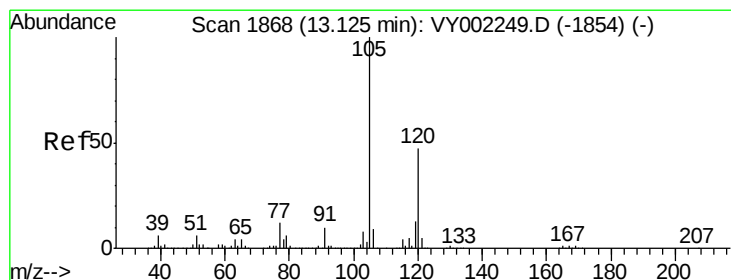
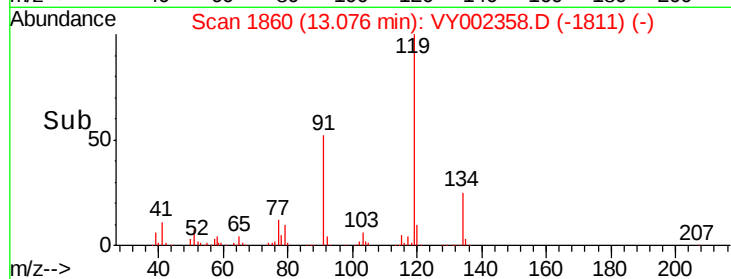
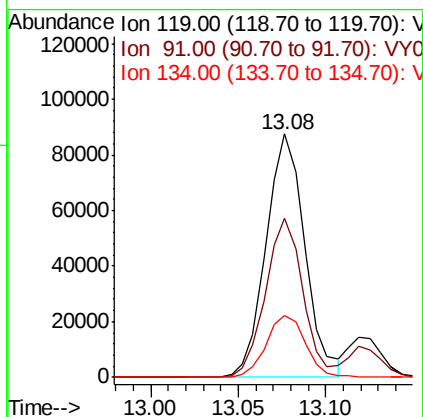
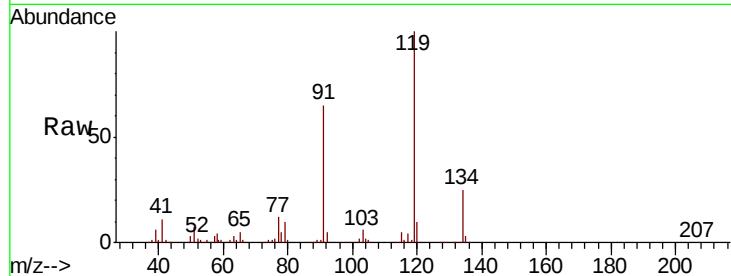




#83
 tert-Butylbenzene
 Concen: 21.061 ug/l
 RT: 13.08 min Scan# 1860
 Delta R.T. -0.00 min
 Lab File: VY002358.D
 Acq: 16 Apr 2020 11:56

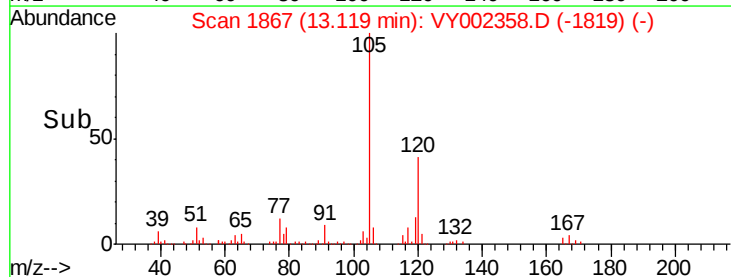
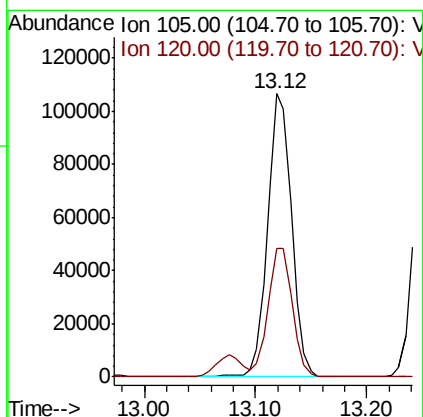
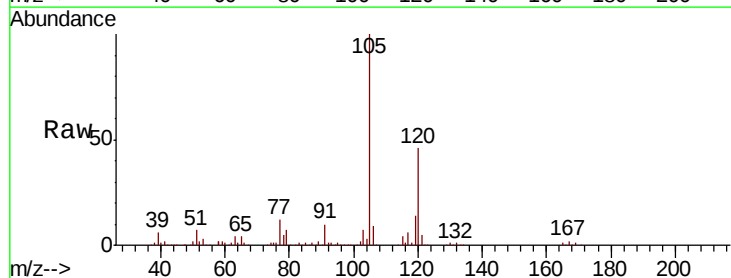
Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion:119 Resp: 135370
 Ion Ratio Lower Upper
 119 100
 91 62.4 32.4 97.0
 134 25.8 12.6 37.6



#84
 1,2,4-Trimethylbenzene
 Concen: 20.878 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. -0.01 min
 Lab File: VY002358.D
 Acq: 16 Apr 2020 11:56

Tgt Ion:105 Resp: 159980
 Ion Ratio Lower Upper
 105 100
 120 46.0 23.1 69.2





#85

sec-Butylbenzene

Concen: 21.038 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY002358.D

Acq: 16 Apr 2020 11:56

Instrument :

MSVOA_Y

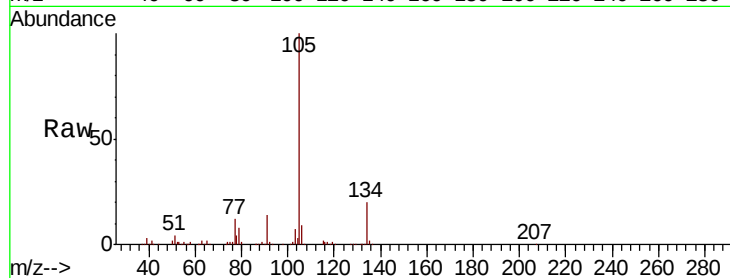
ClientSampleId :

Tot Ion:105 Resp: 201441

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

13.25

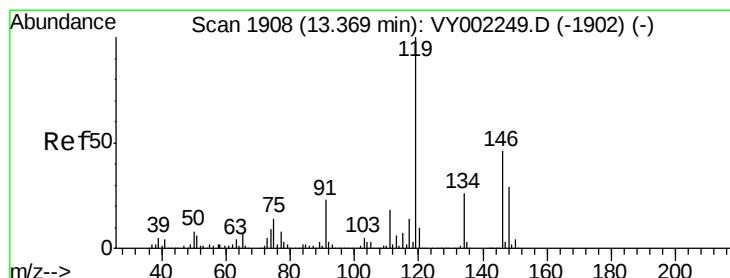
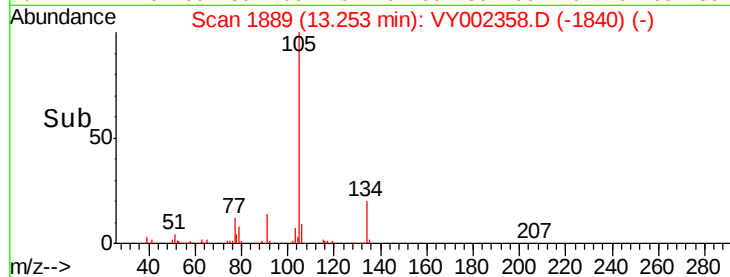
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 21.181 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY002358.D

Acq: 16 Apr 2020 11:56

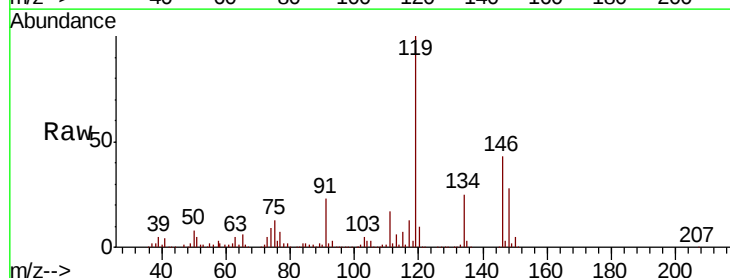
Tgt Ion:119 Resp: 174552

Ion Ratio Lower Upper

119 100

134 25.7 13.3 39.9

91 22.5 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

13.37

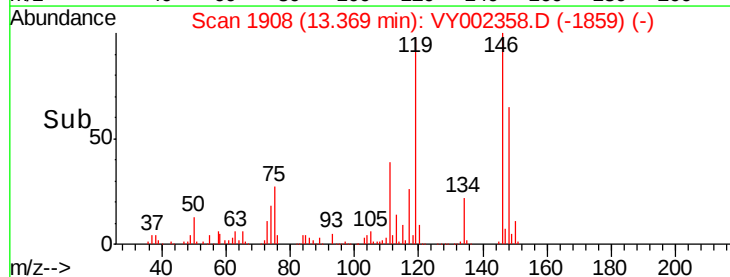
150000

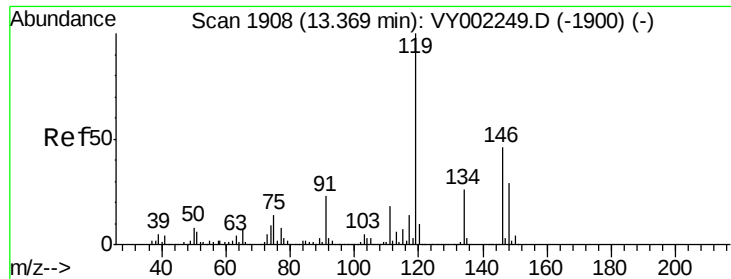
100000

50000

0

Time-->

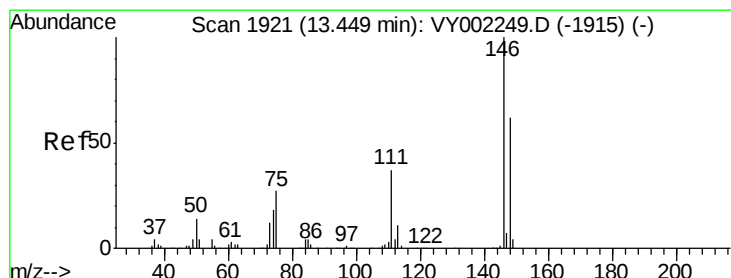
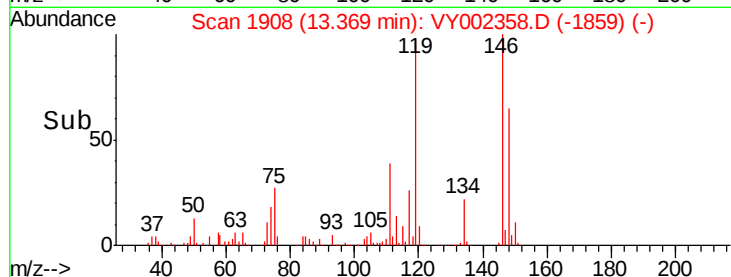
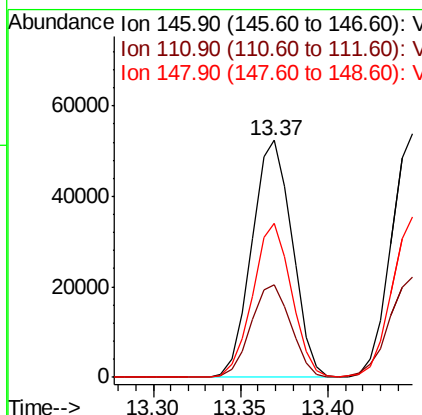
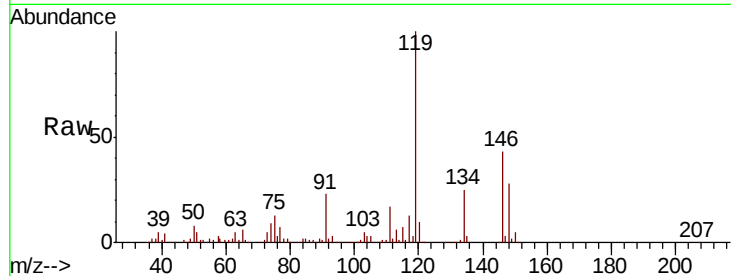




#87
 1,3-Dichlorobenzene
 Concen: 21.228 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. -0.00 min
 Lab File: VY002358.D
 Acq: 16 Apr 2020 11:56

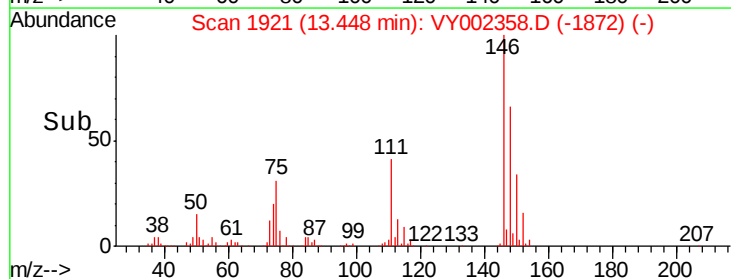
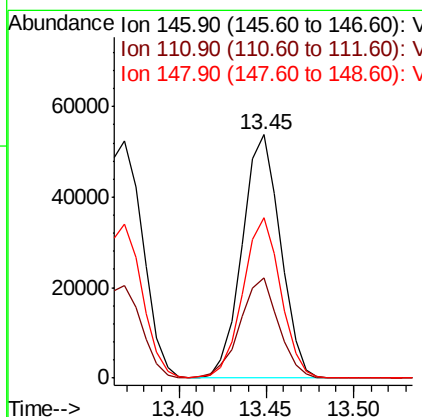
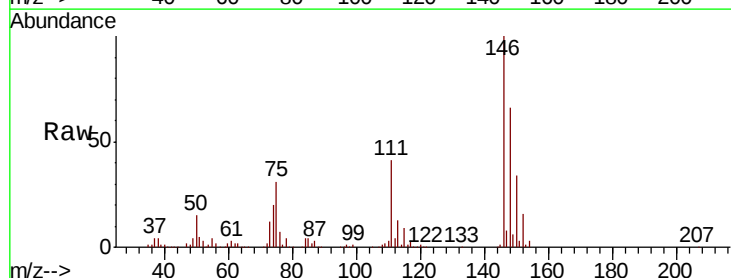
Instrument :
 MSVOA_Y
 ClientSampleId :

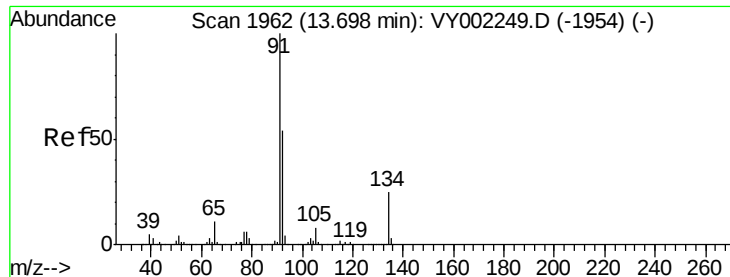
Tot Ion:146 Resp: 83980
 Ion Ratio Lower Upper
 146 100
 111 38.9 20.3 60.8
 148 62.4 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 20.377 ug/l
 RT: 13.45 min Scan# 1921
 Delta R.T. -0.00 min
 Lab File: VY002358.D
 Acq: 16 Apr 2020 11:56

Tgt Ion:146 Resp: 81831
 Ion Ratio Lower Upper
 146 100
 111 41.6 19.6 58.8
 148 65.0 32.0 96.0





#89

n-Butylbenzene

Concen: 20.639 ug/l

RT: 13.70 min Scan# 1962

Delta R.T. -0.00 min

Lab File: VY002358.D

Acq: 16 Apr 2020 11:56

Instrument :

MSVOA_Y

ClientSampleId :

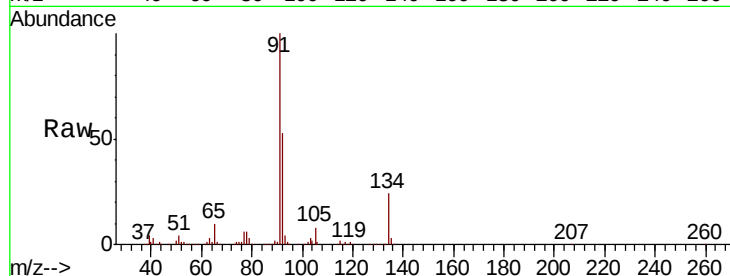
Tot Ion: 91 Resp: 174335

Ion Ratio Lower Upper

91 100

92 54.1 27.2 81.6

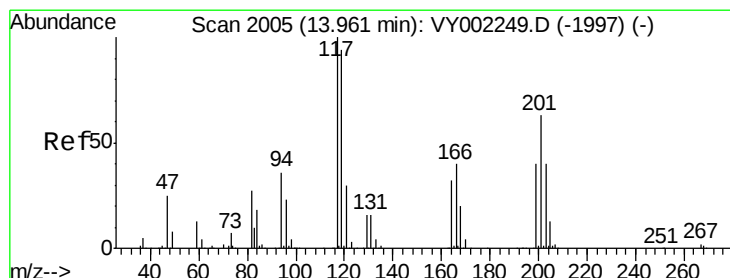
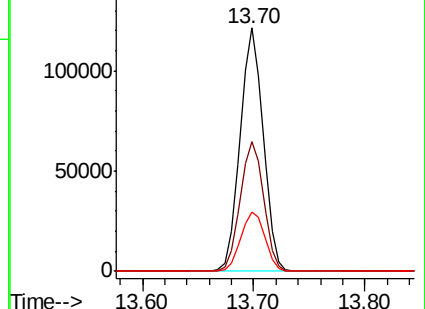
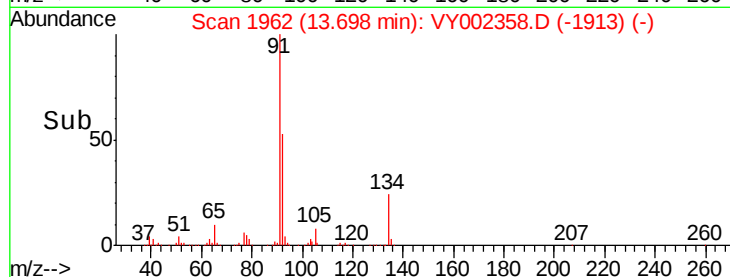
134 25.4 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VY002249.D (-1954) (-)

Ion 92.00 (91.70 to 92.70): VY002249.D (-1954) (-)

Ion 134.00 (133.70 to 134.70): VY002249.D (-1954) (-)



#90

Hexachloroethane

Concen: 20.020 ug/l

RT: 13.96 min Scan# 2005

Delta R.T. -0.00 min

Lab File: VY002358.D

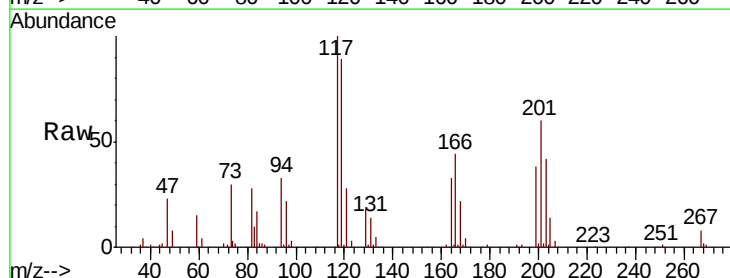
Acq: 16 Apr 2020 11:56

Tgt Ion: 117 Resp: 31438

Ion Ratio Lower Upper

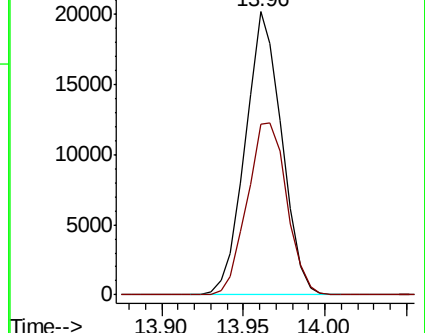
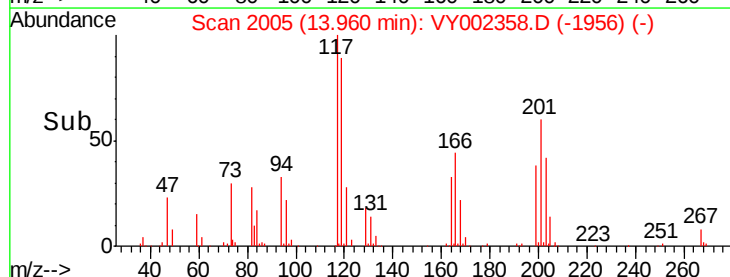
117 100

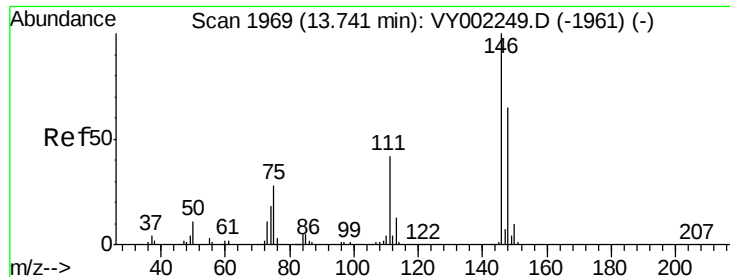
201 66.0 33.1 99.2



Abundance Ion 116.80 (116.50 to 117.50): VY002249.D (-1997) (-)

Ion 200.70 (200.40 to 201.40): VY002249.D (-1997) (-)





#91

1,2-Dichlorobenzene

Concen: 21.105 ug/l

RT: 13.74 min Scan# 1969

Delta R.T. -0.00 min

Lab File: VY002358.D

Acq: 16 Apr 2020 11:56

Instrument :

MSVOA_Y

ClientSampleId :

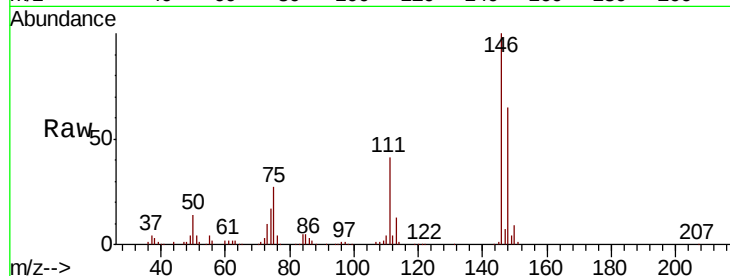
Tot Ion:146 Resp: 75868

Ion Ratio Lower Upper

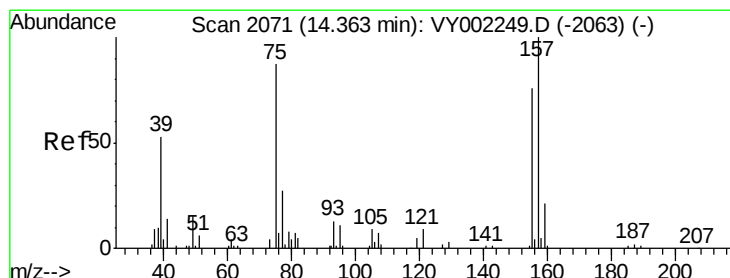
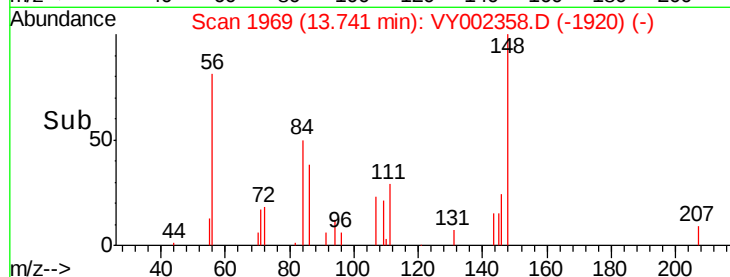
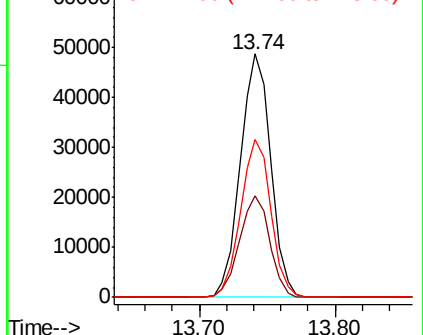
146 100

111 41.4 21.1 63.1

148 64.5 31.9 95.9



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.667 ug/l

RT: 14.36 min Scan# 2070

Delta R.T. -0.01 min

Lab File: VY002358.D

Acq: 16 Apr 2020 11:56

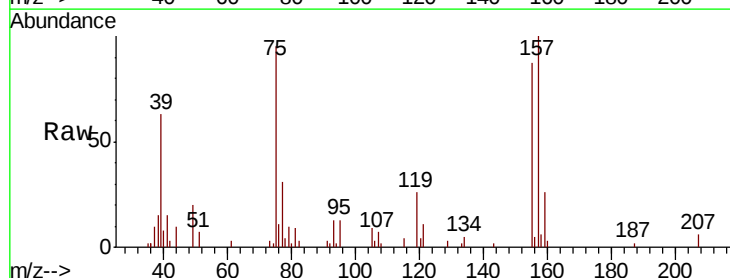
Tgt Ion: 75 Resp: 5068

Ion Ratio Lower Upper

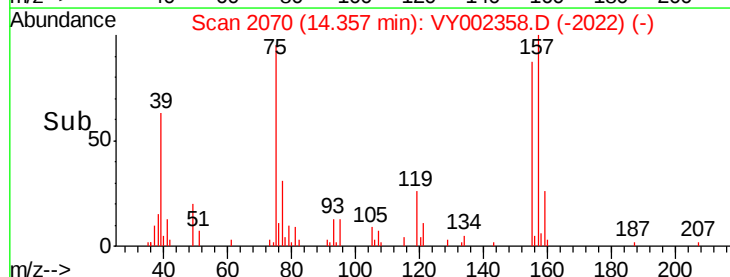
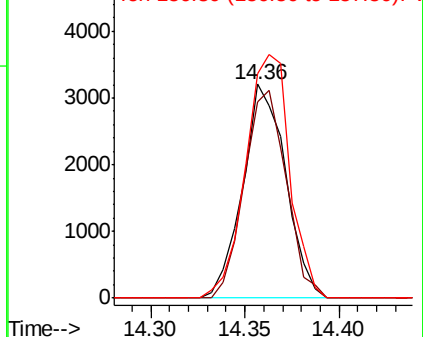
75 100

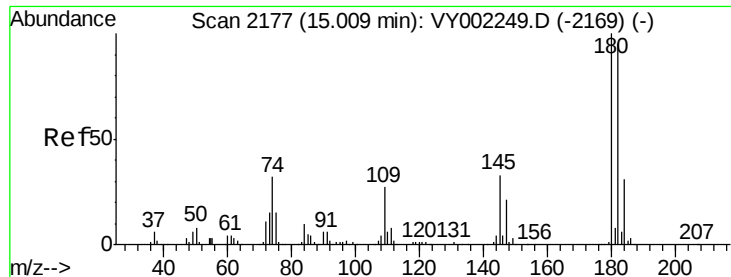
155 94.8 43.6 130.8

157 117.1 56.0 168.2



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

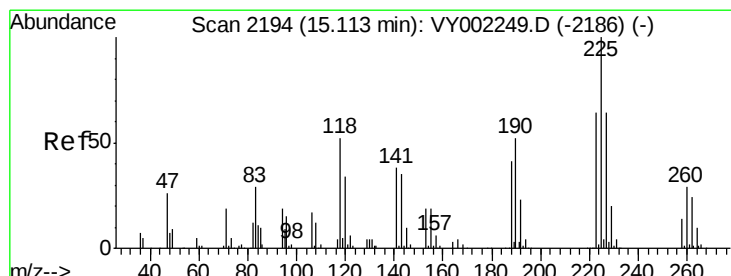
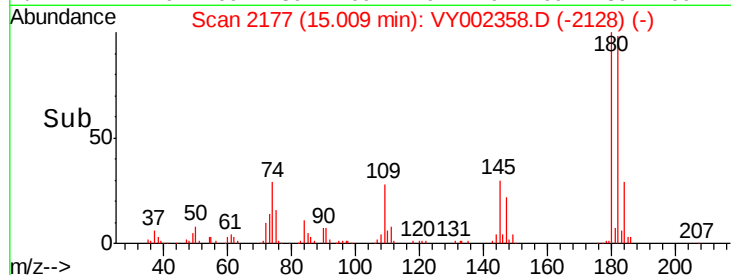
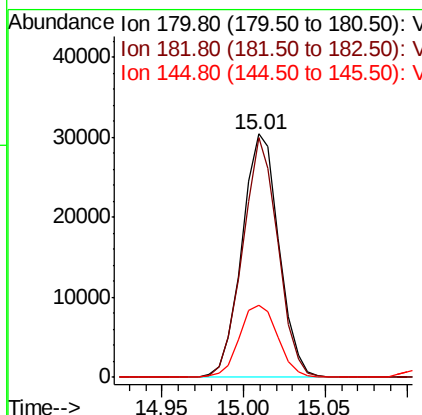
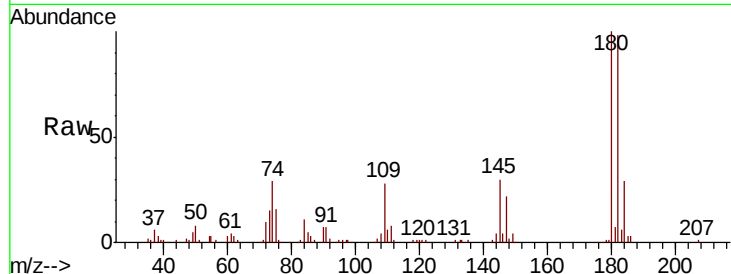




#93
 1,2,4-Trichlorobenzene
 Concen: 20.486 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. -0.00 min
 Lab File: VY002358.D
 Acq: 16 Apr 2020 11:56

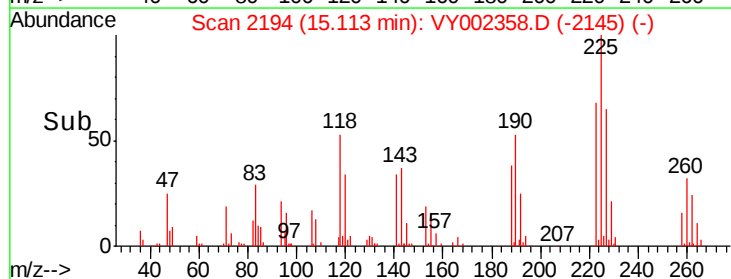
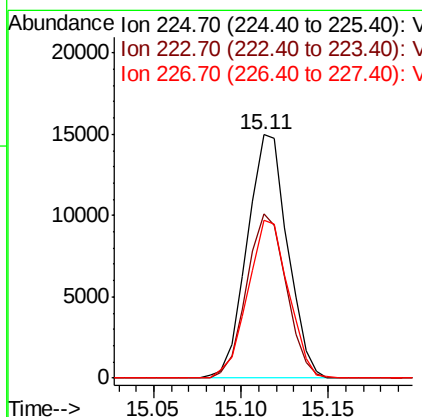
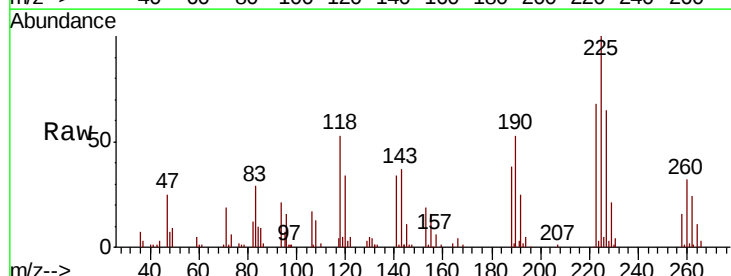
Instrument :
 MSVOA_Y
 ClientSampled :

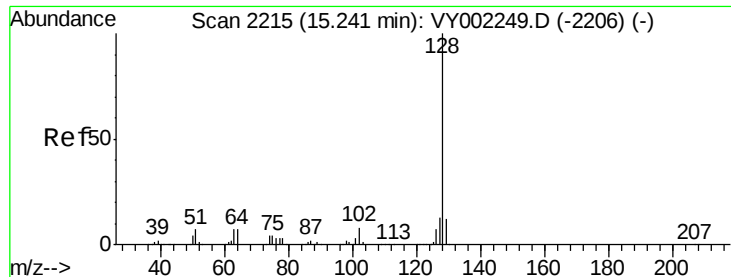
Tot Ion	Ratio	Lower	Upper
180	100		
182	93.8	47.9	143.7
145	30.6	16.0	48.0



#94
 Hexachlorobutadiene
 Concen: 20.376 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. -0.00 min
 Lab File: VY002358.D
 Acq: 16 Apr 2020 11:56

Tgt Ion	Ratio	Lower	Upper
225	100		
223	66.0	31.0	93.0
227	65.1	31.3	93.9

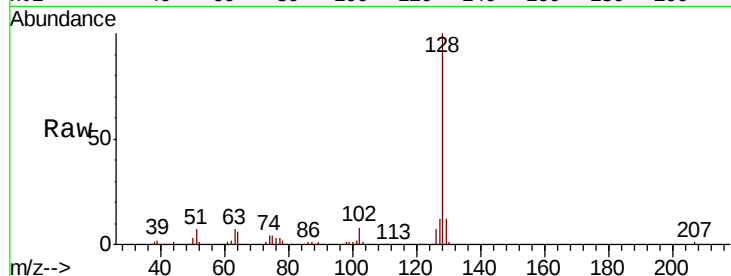




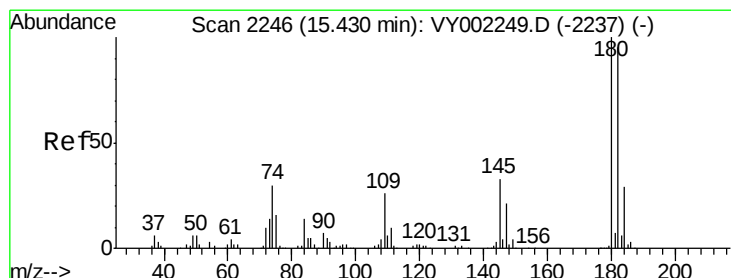
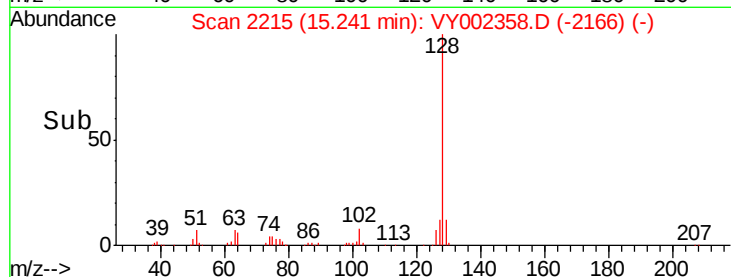
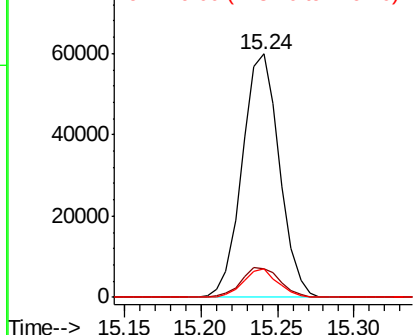
#95
Naphthalene
Concen: 19.653 ug/l
RT: 15.24 min Scan# 2215
Delta R.T. -0.00 min
Lab File: VY002358.D
Acq: 16 Apr 2020 11:56

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:128 Resp: 101109
Ion Ratio Lower Upper
128 100
127 12.7 10.1 15.1
129 10.9 8.7 13.1

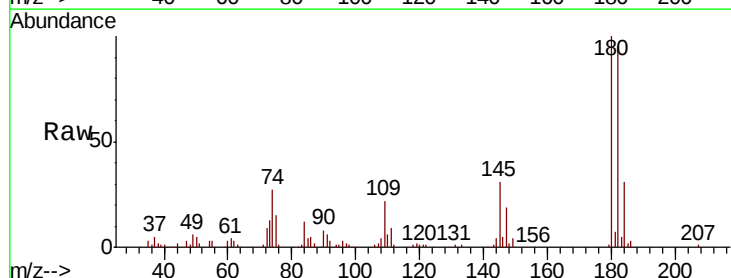


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 20.312 ug/l
RT: 15.43 min Scan# 2246
Delta R.T. -0.00 min
Lab File: VY002358.D
Acq: 16 Apr 2020 11:56

Tgt Ion:180 Resp: 41441
Ion Ratio Lower Upper
180 100
182 93.1 47.1 141.3
145 32.4 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

