

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY041420\
 Data File : VY002302.D
 Acq On : 14 Apr 2020 12:50
 Operator : SY/MD
 Sample : VY0414SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 15 05:33:31 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	158836	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	290102	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	254593	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	119451	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	81042	45.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.76%	
35) Dibromofluoromethane	7.73	113	84960	49.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.44%	
50) Toluene-d8	10.18	98	357889	49.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.06%	
62) 4-Bromofluorobenzene	12.49	95	115206	48.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	29988	18.681	ug/l	95
3) Chloromethane	2.12	50	38562	19.087	ug/l	98
4) Vinyl Chloride	2.26	62	41284	19.198	ug/l	95
5) Bromomethane	2.65	94	26404	19.883	ug/l	89
6) Chloroethane	2.80	64	23546	18.986	ug/l	96
7) Trichlorofluoromethane	3.13	101	55368	19.937	ug/l	94
8) Diethyl Ether	3.54	74	24928	21.114	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	3.91	101	39075	20.713	ug/l	98
10) Methyl Iodide	4.10	142	44378	20.238	ug/l	97
11) Tert butyl alcohol	4.97	59	21181	91.310	ug/l	100
12) 1,1-Dichloroethene	3.88	96	40435	21.083	ug/l	90
13) Acrolein	3.75	56	19781	86.854	ug/l	100
14) Allyl chloride	4.49	41	57361	18.521	ug/l	95
15) Acrylonitrile	5.18	53	58364	96.670	ug/l	99
16) Acetone	3.96	43	42309	90.942	ug/l	90
17) Carbon Disulfide	4.21	76	129755	20.371	ug/l	98
18) Methyl Acetate	4.49	43	26757	18.542	ug/l	97
19) Methyl tert-butyl Ether	5.24	73	98983	19.631	ug/l	99
20) Methylene Chloride	4.73	84	48668	21.283	ug/l	97
21) trans-1,2-Dichloroethene	5.23	96	44724	20.775	ug/l	96
22) Diisopropyl ether	6.13	45	120182	19.282	ug/l	98
23) Vinyl Acetate	6.08	43	374911	94.392	ug/l	95
24) 1,1-Dichloroethane	6.03	63	71251	20.098	ug/l	98
25) 2-Butanone	7.00	43	66766	90.684	ug/l	96
26) 2,2-Dichloropropane	7.00	77	56669	19.109	ug/l	99
27) cis-1,2-Dichloroethene	7.00	96	48062	20.481	ug/l	96
28) Bromochloromethane	7.35	49	29690	19.401	ug/l	89
29) Tetrahydrofuran	7.36	42	43751	89.897	ug/l	94
30) Chloroform	7.52	83	67702	20.259	ug/l	100
31) Cyclohexane	7.80	56	72885	19.586	ug/l #	88
32) 1,1,1-Trichloroethane	7.71	97	55077	19.801	ug/l	98
36) 1,1-Dichloropropene	7.93	75	56878	19.905	ug/l	97
37) Ethyl Acetate	7.08	43	29826	18.271	ug/l	97
38) Carbon Tetrachloride	7.91	117	48261	19.745	ug/l	95

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Quant Time: Apr 15 05:33:31 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)
39) Methylcyclohexane	9.19	83	77386	19.909	ug/l	99
40) Benzene	8.17	78	176338	20.340	ug/l	98
41) Methacrylonitrile	7.32	41	12750	13.240	ug/l #	100
42) 1,2-Dichloroethane	8.25	62	40436	18.829	ug/l	96
43) Isopropyl Acetate	8.28	43	53817	18.077	ug/l	96
44) Trichloroethene	8.94	130	50973	19.998	ug/l	97
45) 1,2-Dichloropropane	9.22	63	42977	19.979	ug/l	98
46) Dibromomethane	9.31	93	22691	20.175	ug/l	99
47) Bromodichloromethane	9.50	83	51851	20.092	ug/l	95
48) Methyl methacrylate	9.30	41	23525	17.623	ug/l	96
49) 1,4-Dioxane	9.30	88	6322	397.372	ug/l	98
51) 4-Methyl-2-Pentanone	10.07	43	145916	94.058	ug/l	96
52) Toluene	10.25	92	106093	20.306	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	55436	19.716	ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	66723	19.738	ug/l	96
55) 1,1,2-Trichloroethane	10.65	97	33581	20.394	ug/l	95
56) Ethyl methacrylate	10.51	69	46187	19.653	ug/l	93
57) 1,3-Dichloropropane	10.80	76	57189	19.760	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	120745	99.215	ug/l	99
59) 2-Hexanone	10.83	43	97502	90.558	ug/l	96
60) Dibromochloromethane	10.99	129	34933	19.896	ug/l	100
61) 1,2-Dibromoethane	11.10	107	30810	19.654	ug/l	100
64) Tetrachloroethene	10.72	164	54180	21.049	ug/l	95
65) Chlorobenzene	11.52	112	111962	21.156	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.60	131	36245	20.744	ug/l	97
67) Ethyl Benzene	11.60	91	201324	20.780	ug/l	98
68) m/p-Xylenes	11.70	106	153725	42.363	ug/l	95
69) o-Xylene	12.03	106	72348	21.236	ug/l	96
70) Styrene	12.05	104	122603	20.743	ug/l	99
71) Bromoform	12.21	173	19479	20.500	ug/l #	97
73) Isopropylbenzene	12.33	105	190867	20.339	ug/l	100
74) N-amyl acetate	12.14	43	48267	18.119	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.58	83	24592	21.660	ug/l	98
76) 1,2,3-Trichloropropane	12.64	75	48673	35.090	ug/l #	100
77) Bromobenzene	12.61	156	42475	20.573	ug/l	96
78) n-propylbenzene	12.67	91	232122	19.888	ug/l	99
79) 2-Chlorotoluene	12.76	91	126210	19.899	ug/l	98
80) 1,3,5-Trimethylbenzene	12.81	105	157523	20.297	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	13546	18.994	ug/l	98
82) 4-Chlorotoluene	12.86	91	132867	19.987	ug/l	98
83) tert-Butylbenzene	13.08	119	132231	20.341	ug/l	98
84) 1,2,4-Trimethylbenzene	13.12	105	155336	20.044	ug/l	99
85) sec-Butylbenzene	13.25	105	195646	20.203	ug/l	100
86) p-Isopropyltoluene	13.37	119	168819	20.255	ug/l	99
87) 1,3-Dichlorobenzene	13.37	146	82657	20.658	ug/l	98
88) 1,4-Dichlorobenzene	13.45	146	81249	20.004	ug/l	99
89) n-Butylbenzene	13.70	91	170195	19.921	ug/l	99
90) Hexachloroethane	13.96	117	31461	19.808	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	74884	20.596	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	5040	18.354	ug/l	98

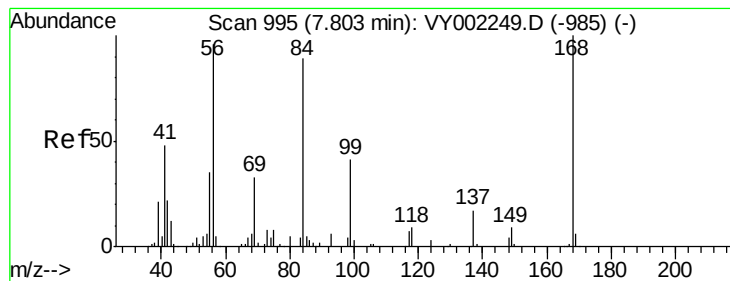
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY041420\
Data File : VY002302.D
Acq On : 14 Apr 2020 12:50
Operator : SY/MD
Sample : VY0414SBSD01
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Instrument :
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ClientSampleId :

Quant Time: Apr 15 05:33:31 2020
Quant Method : Z:\V0ASRV\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	46919	19.743	ug/l	100
94) Hexachlorobutadiene	15.11	225	23229	19.407	ug/l	98
95) Naphthalene	15.24	128	101199	19.449	ug/l	99
96) 1,2,3-Trichlorobenzene	15.43	180	40559	19.655	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.00 min

Lab File: VY002302.D

Acq: 14 Apr 2020 12:50

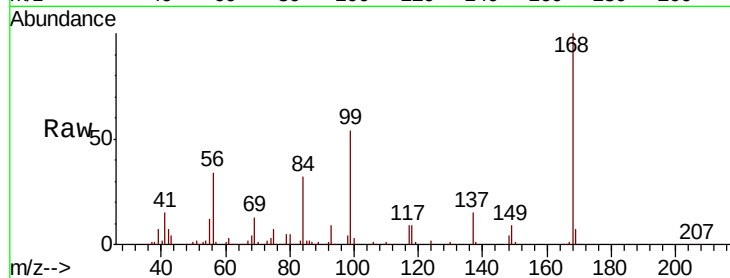
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:168 Resp: 158836

Ion Ratio Lower Upper

168 100

99 54.5 48.0 72.0



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

Ion 98.90 (98.60 to 99.60): VY002249.D (-985) (-)

7.80

60000

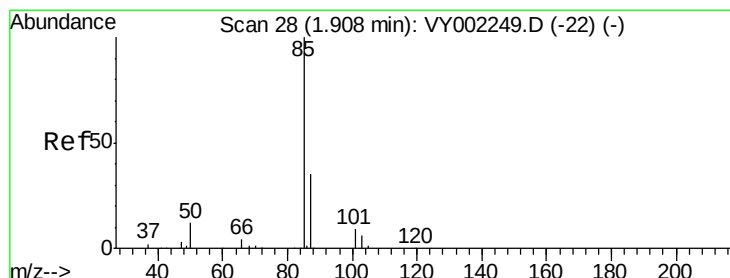
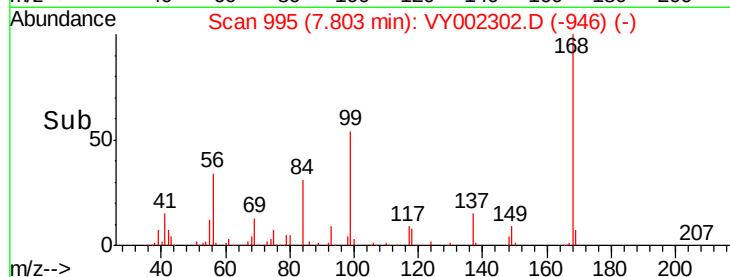
40000

20000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 18.681 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.00 min

Lab File: VY002302.D

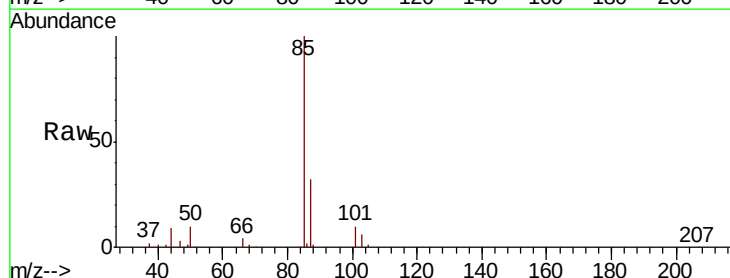
Acq: 14 Apr 2020 12:50

Tgt Ion: 85 Resp: 29988

Ion Ratio Lower Upper

85 100

87 31.6 17.3 51.9



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

Ion 86.90 (86.60 to 87.60): VY002249.D (-22) (-)

1.91

20000

15000

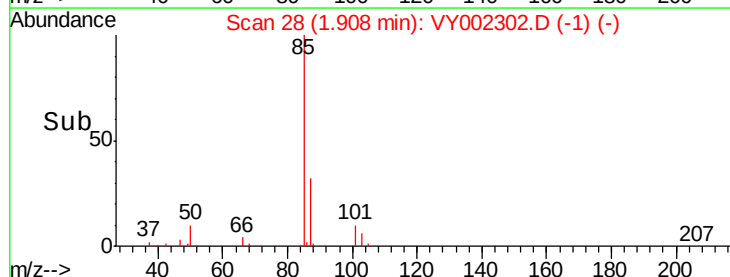
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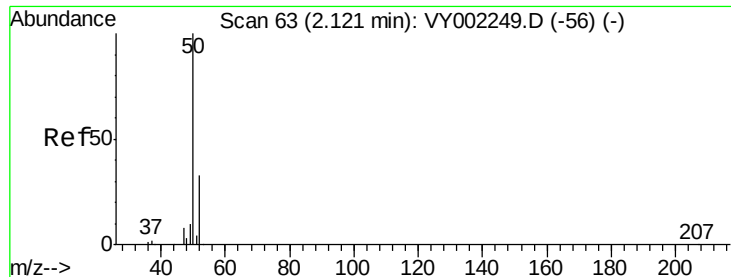
5000

0

1.85 1.90 1.95 2.00

Time-->





#3

Chloromethane

Concen: 19.087 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.01 min

Lab File: VY002302.D

Acq: 14 Apr 2020 12:50

Instrument :

MSVOA_Y

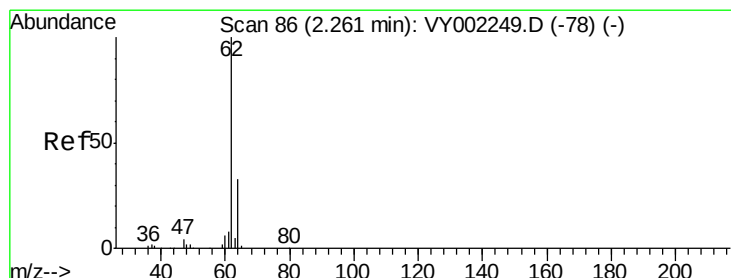
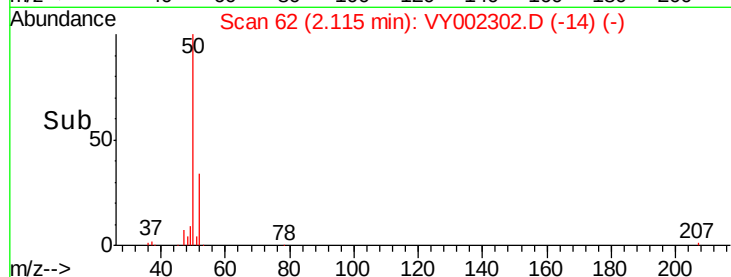
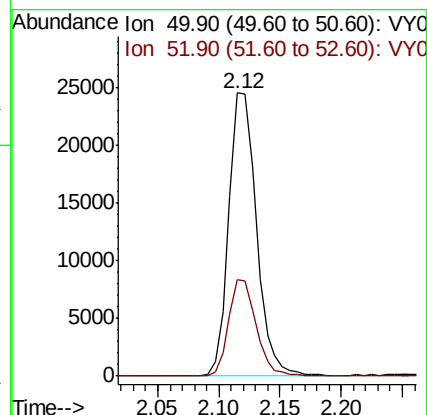
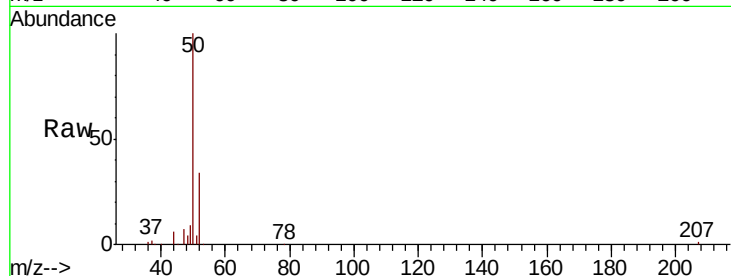
ClientSampled :

Tot Ion: 50 Resp: 38562

Ion Ratio Lower Upper

50 100

52 34.1 26.6 39.8



#4

Vinyl Chloride

Concen: 19.198 ug/l

RT: 2.26 min Scan# 85

Delta R.T. -0.01 min

Lab File: VY002302.D

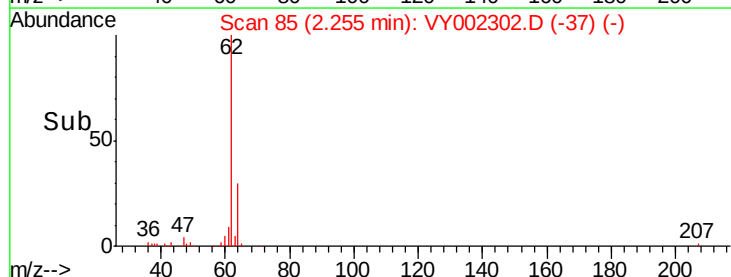
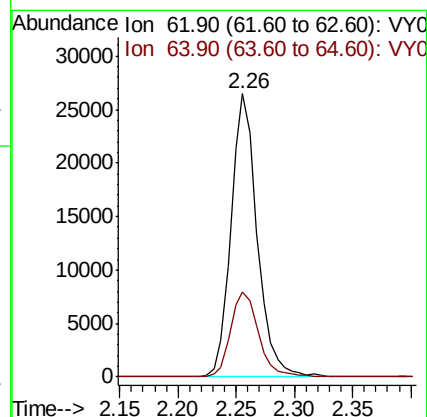
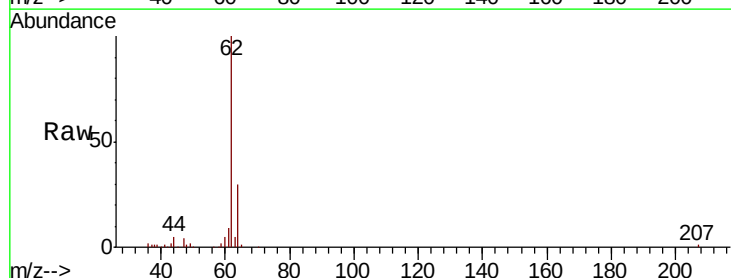
Acq: 14 Apr 2020 12:50

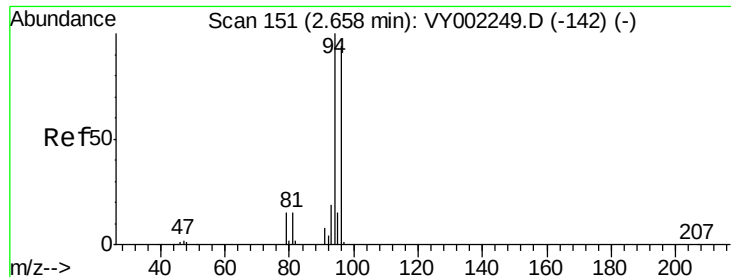
Tgt Ion: 62 Resp: 41284

Ion Ratio Lower Upper

62 100

64 30.1 26.2 39.2





#5

Bromomethane

Concen: 19.883 ug/l

RT: 2.65 min Scan# 149

Delta R.T. -0.01 min

Lab File: VY002302.D

Acq: 14 Apr 2020 12:50

Instrument :

MSVOA_Y

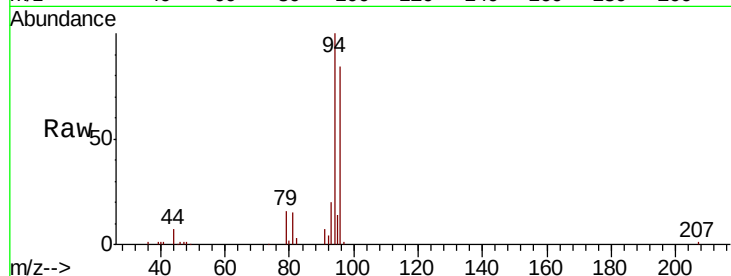
ClientSampleId :

Tot Ion: 94 Resp: 26404

Ion Ratio Lower Upper

94 100

96 83.7 75.6 113.4



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0

2.65

15000

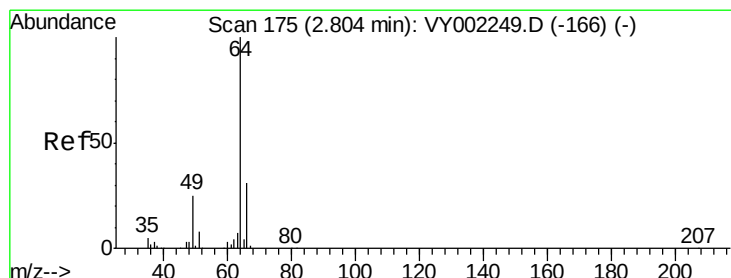
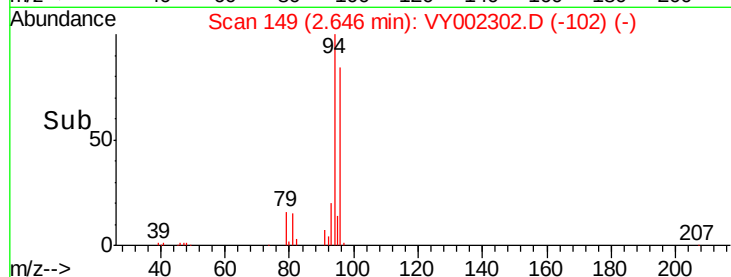
10000

5000

0

Time-->

2.60 2.70 2.80



#6

Chloroethane

Concen: 18.986 ug/l

RT: 2.80 min Scan# 174

Delta R.T. -0.01 min

Lab File: VY002302.D

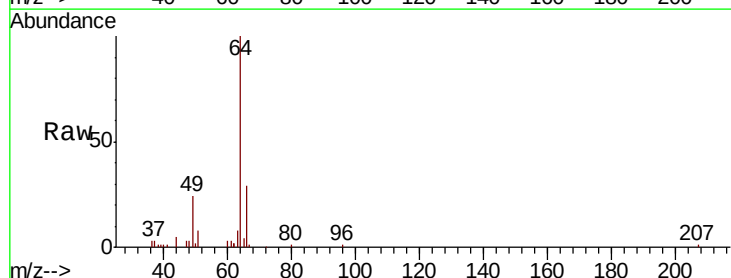
Acq: 14 Apr 2020 12:50

Tgt Ion: 64 Resp: 23546

Ion Ratio Lower Upper

64 100

66 28.8 24.6 37.0



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0

2.80

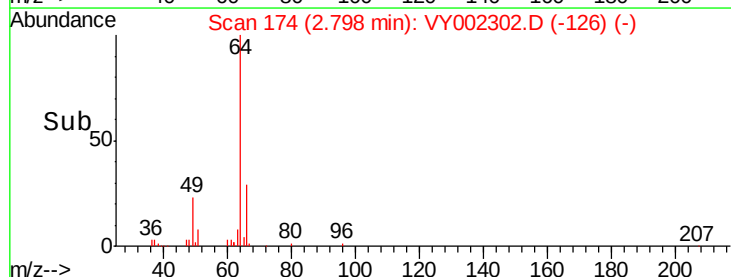
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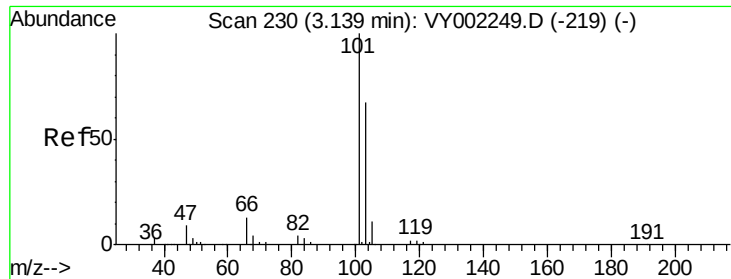
5000

0

Time-->

2.70 2.80 2.90



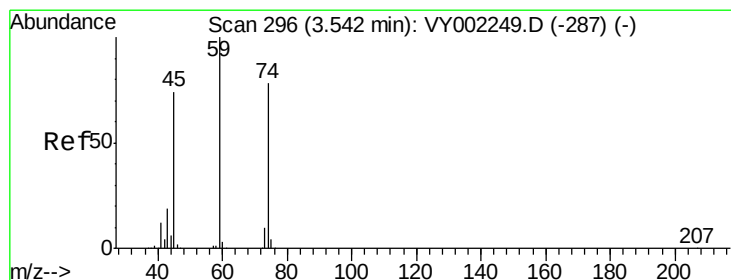
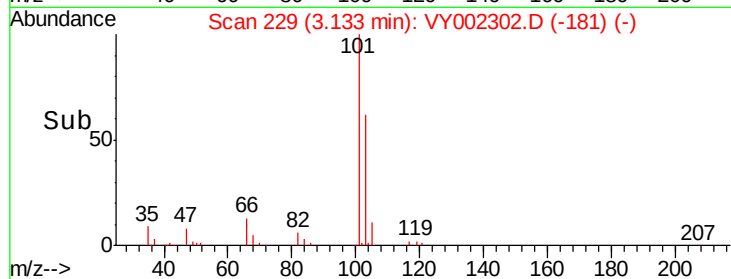
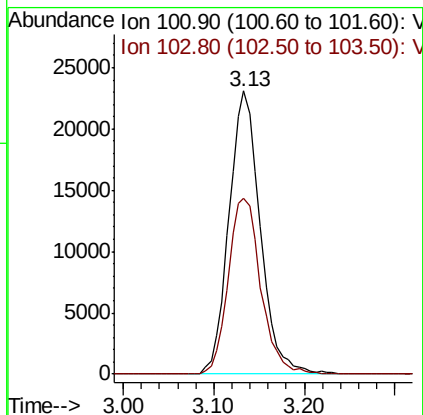
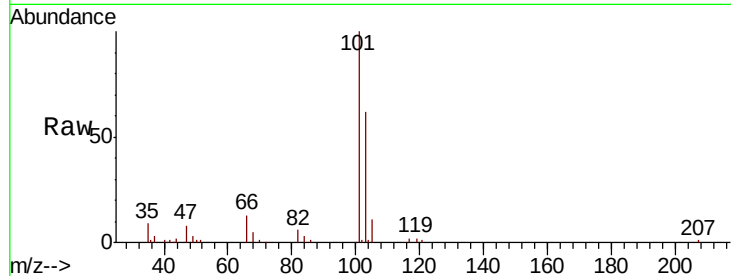


#7

Trichlorofluoromethane
 Concen: 19.937 ug/l
 RT: 3.13 min Scan# 229
 Delta R.T. -0.01 min
 Lab File: VY002302.D
 Acq: 14 Apr 2020 12:50

Instrument :
 MSVOA_Y
 ClientSampleId :

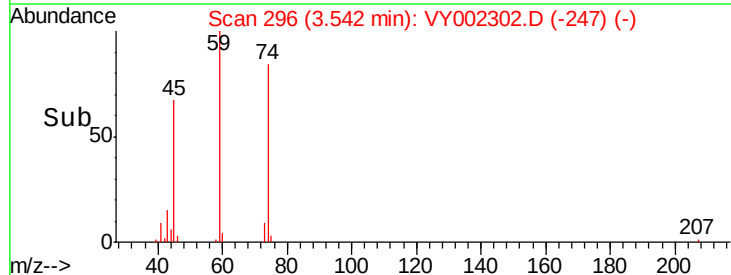
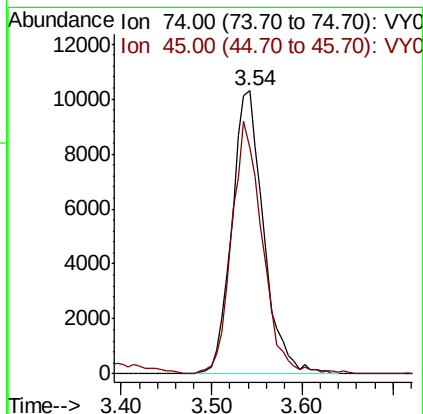
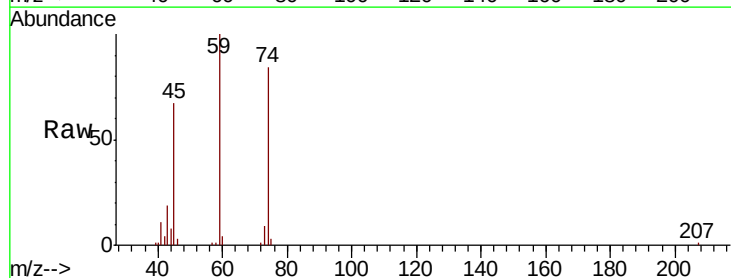
Tot Ion:101 Resp: 55368
 Ion Ratio Lower Upper
 101 100
 103 62.1 53.3 79.9

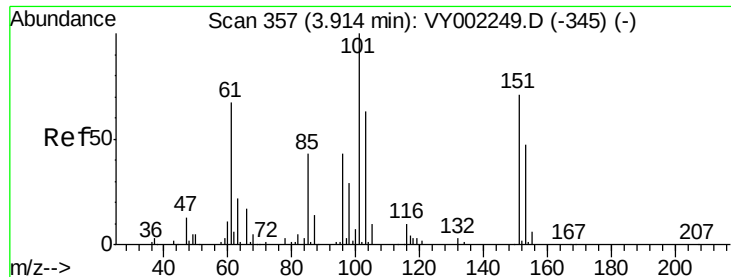


#8

Diethyl Ether
 Concen: 21.114 ug/l
 RT: 3.54 min Scan# 296
 Delta R.T. 0.00 min
 Lab File: VY002302.D
 Acq: 14 Apr 2020 12:50

Tgt Ion: 74 Resp: 24928
 Ion Ratio Lower Upper
 74 100
 45 86.8 48.0 144.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.713 ug/l

RT: 3.91 min Scan# 356

Delta R.T. -0.01 min

Lab File: VY002302.D

Acq: 14 Apr 2020 12:50

Instrument :

MSVOA_Y

ClientSampleId :

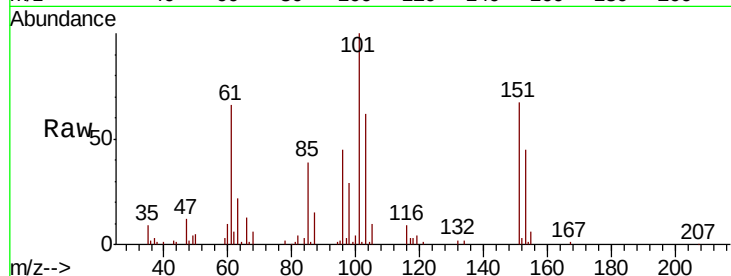
Tot Ion:101 Resp: 39075

Ion Ratio Lower Upper

101 100

85 41.2 34.6 52.0

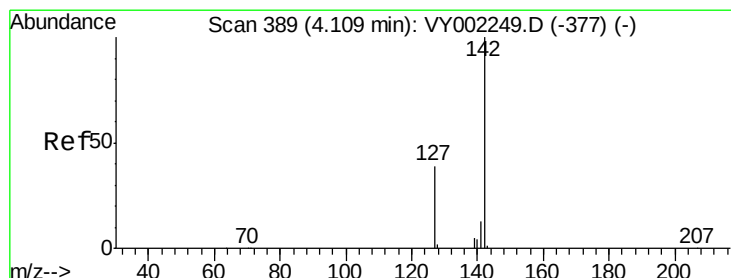
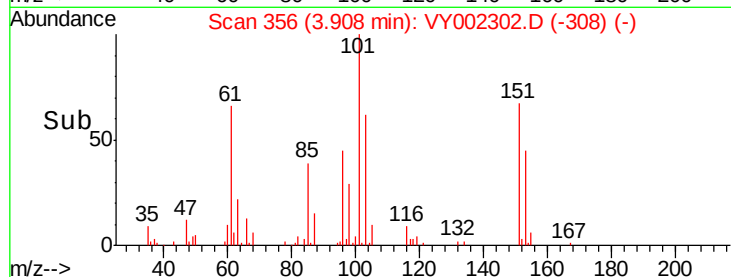
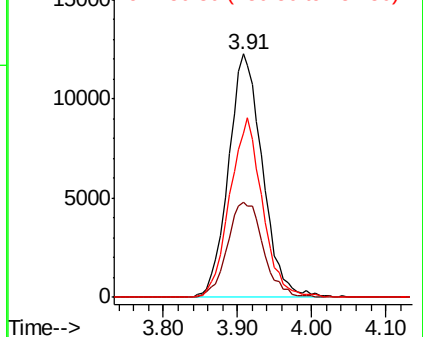
151 70.9 57.6 86.4



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: 20.238 ug/l

RT: 4.10 min Scan# 388

Delta R.T. -0.01 min

Lab File: VY002302.D

Acq: 14 Apr 2020 12:50

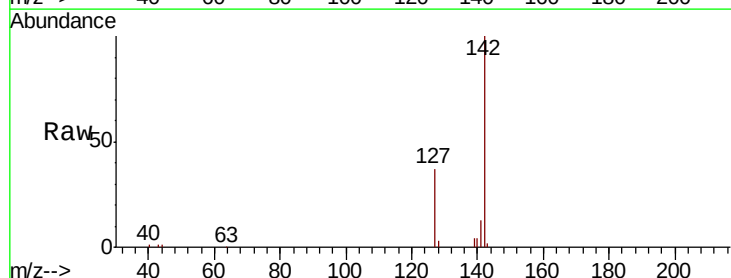
Tgt Ion:142 Resp: 44378

Ion Ratio Lower Upper

142 100

127 37.9 32.4 48.6

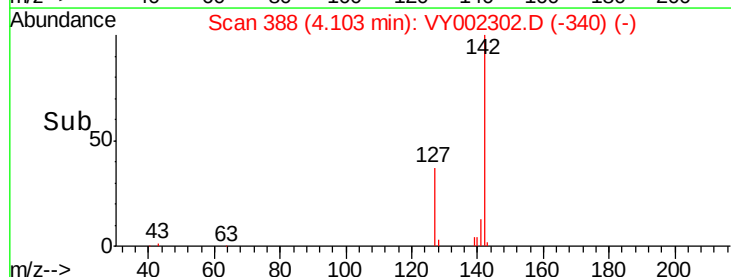
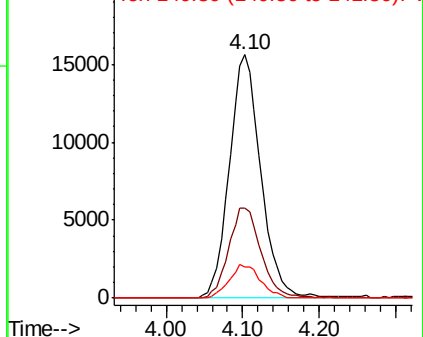
141 13.6 11.2 16.8

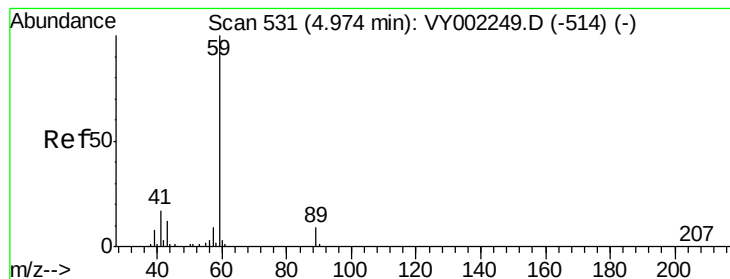


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 91.310 ug/l

RT: 4.97 min Scan# 530

Delta R.T. -0.01 min

Lab File: VY002302.D

Acq: 14 Apr 2020 12:50

Instrument :

MSVOA_Y

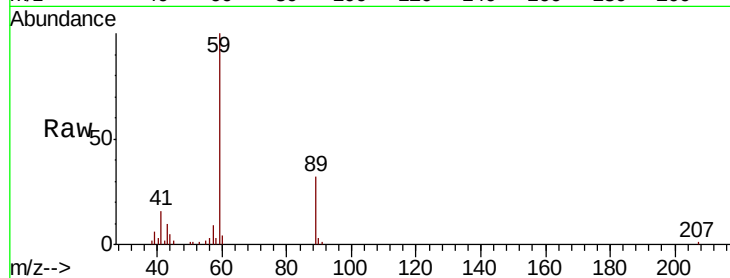
ClientSampled :

Tot Ion: 59 Resp: 21181

Ion Ratio Lower Upper

59 100

57 8.4 6.6 9.8



Abundance Ion 59.00 (58.70 to 59.70): VY0

Ion 57.00 (56.70 to 57.70): VY0

4.97

5000

4000

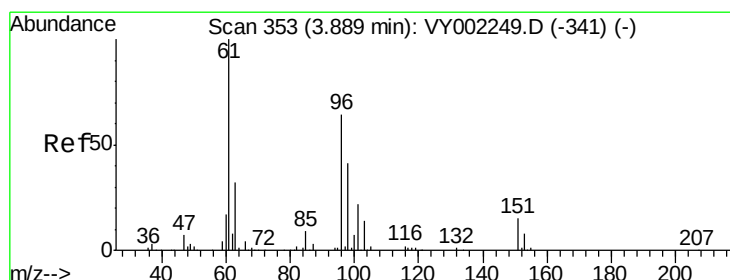
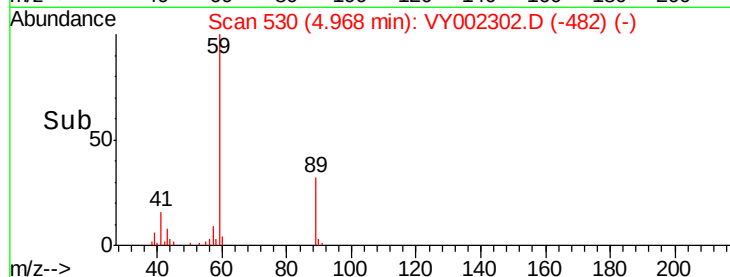
3000

2000

1000

0

Time-->



#12

1,1-Dichloroethene

Concen: 21.083 ug/l

RT: 3.88 min Scan# 352

Delta R.T. -0.01 min

Lab File: VY002302.D

Acq: 14 Apr 2020 12:50

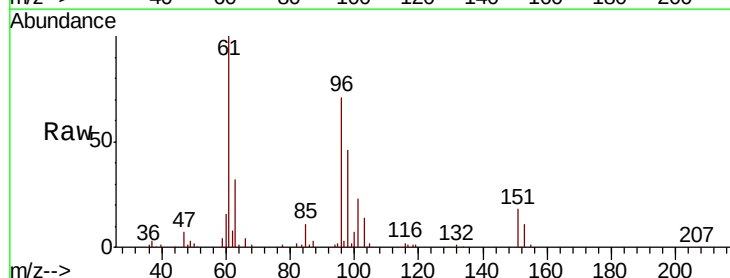
Tgt Ion: 96 Resp: 40435

Ion Ratio Lower Upper

96 100

61 140.6 125.9 188.9

98 65.1 51.1 76.7



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

30000

25000

20000

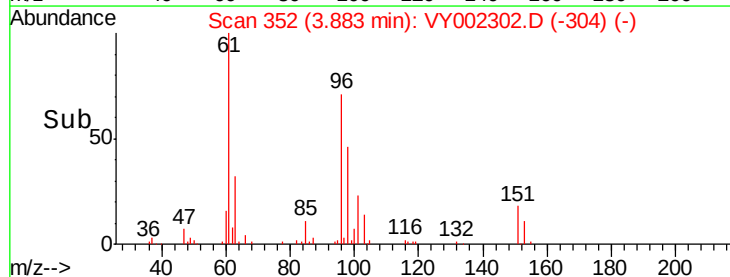
15000

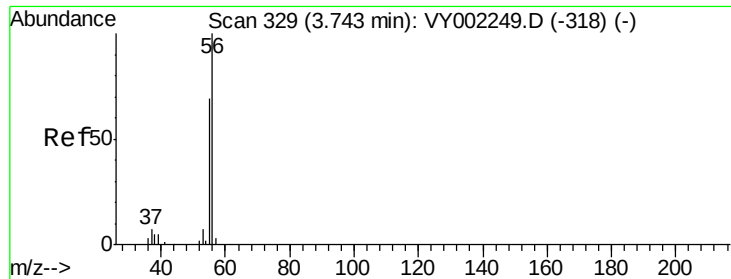
10000

5000

0

Time-->





#13

Acrolein

Concen: 86.854 ug/l

RT: 3.75 min Scan# 330

Delta R.T. 0.01 min

Lab File: VY002302.D

Acq: 14 Apr 2020 12:50

Instrument :

MSVOA_Y

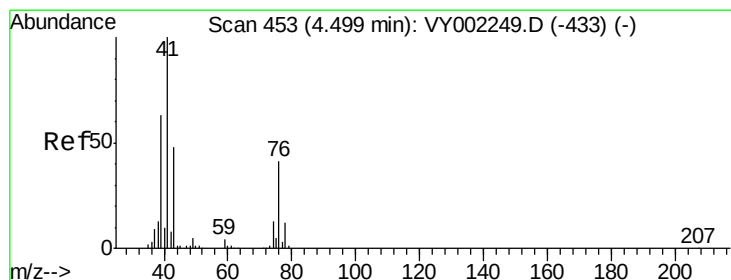
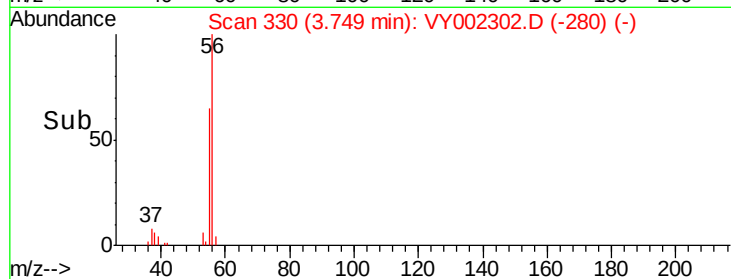
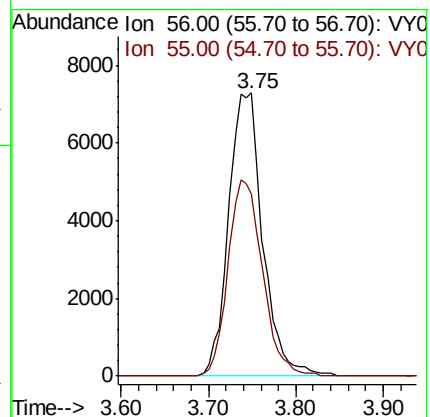
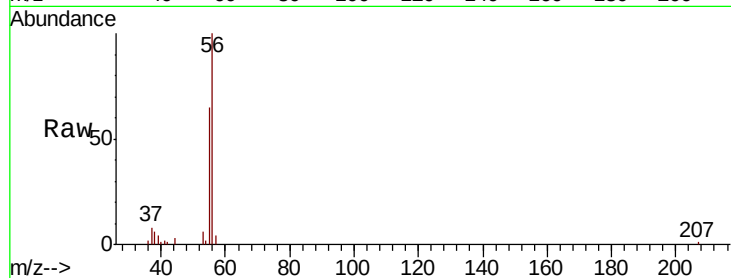
ClientSampleId :

Tot Ion: 56 Resp: 19781

Ion Ratio Lower Upper

56 100

55 69.8 55.8 83.8



#14

Allyl chloride

Concen: 18.521 ug/l

RT: 4.49 min Scan# 452

Delta R.T. -0.01 min

Lab File: VY002302.D

Acq: 14 Apr 2020 12:50

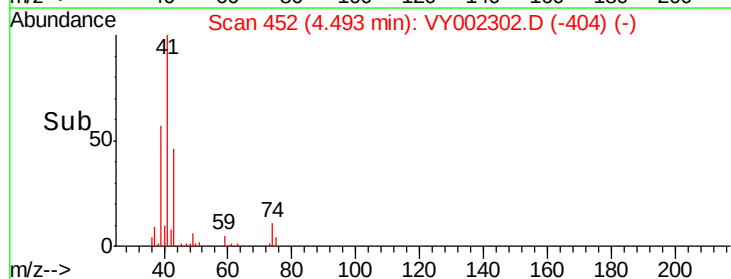
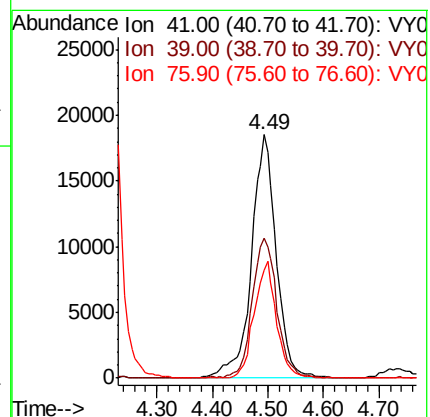
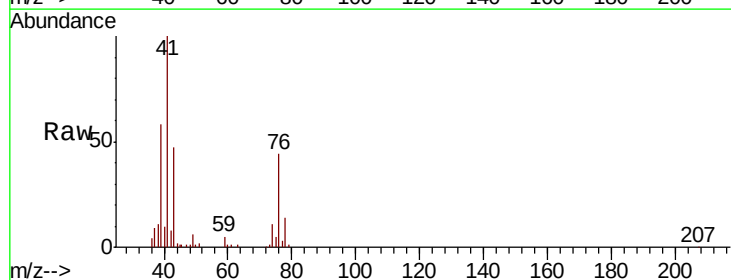
Tgt Ion: 41 Resp: 57361

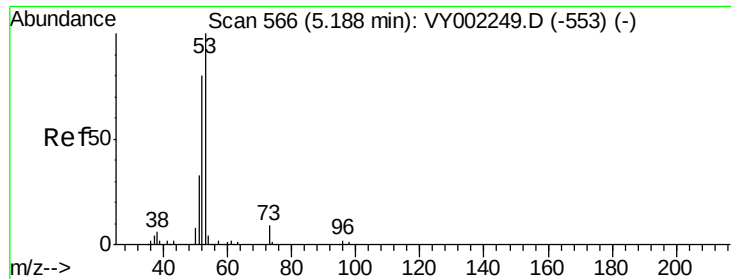
Ion Ratio Lower Upper

41 100

39 57.4 48.0 72.0

76 43.1 31.0 46.6





#15

Acrylonitrile

Concen: 96.670 ug/l

RT: 5.18 min Scan# 565

Delta R.T. -0.01 min

Lab File: VY002302.D

Acq: 14 Apr 2020 12:50

Instrument :

MSVOA_Y

ClientSampleId :

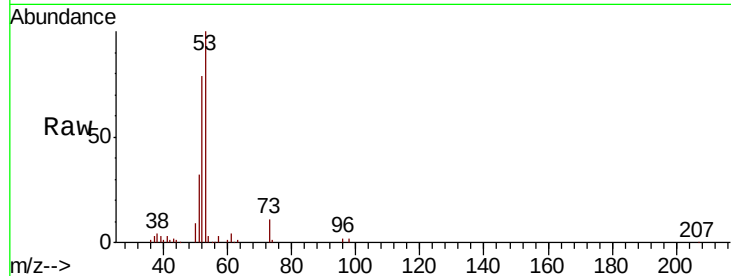
Tot Ion: 53 Resp: 58364

Ion Ratio Lower Upper

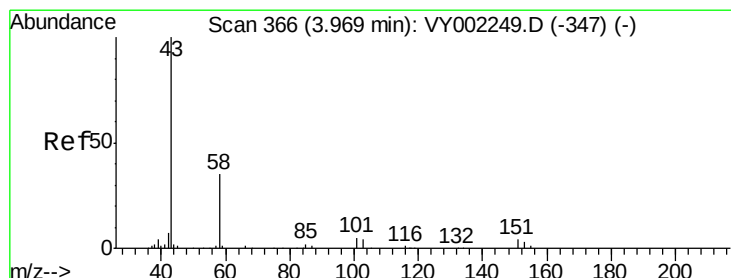
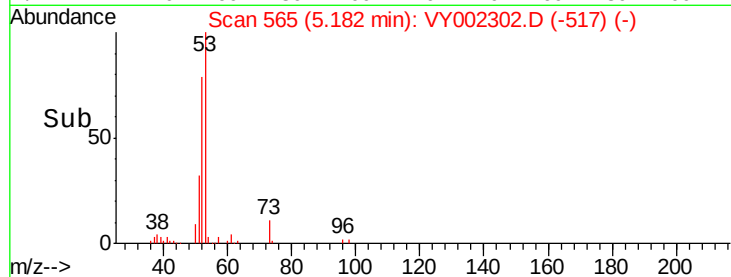
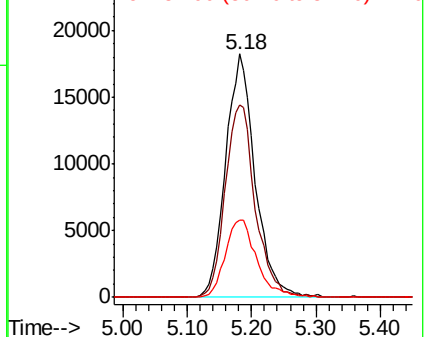
53 100

52 80.2 65.1 97.7

51 33.9 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: 90.942 ug/l

RT: 3.96 min Scan# 364

Delta R.T. -0.01 min

Lab File: VY002302.D

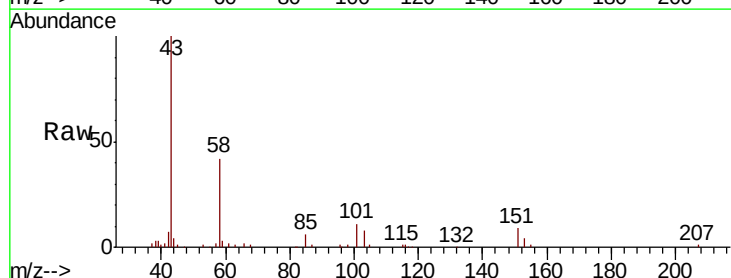
Acq: 14 Apr 2020 12:50

Tgt Ion: 43 Resp: 42309

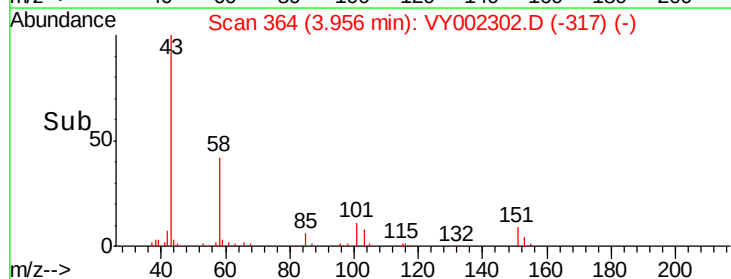
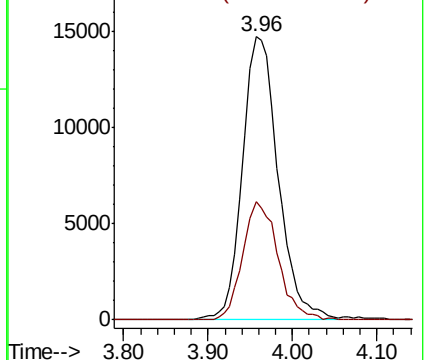
Ion Ratio Lower Upper

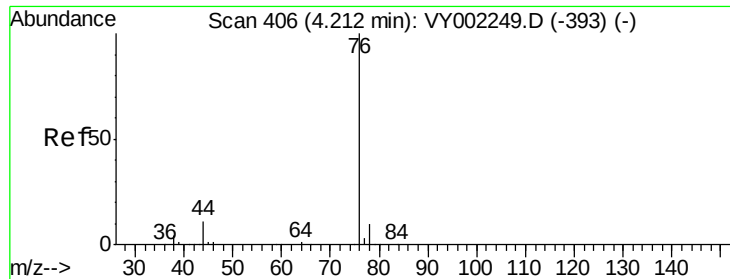
43 100

58 41.6 28.5 42.7



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

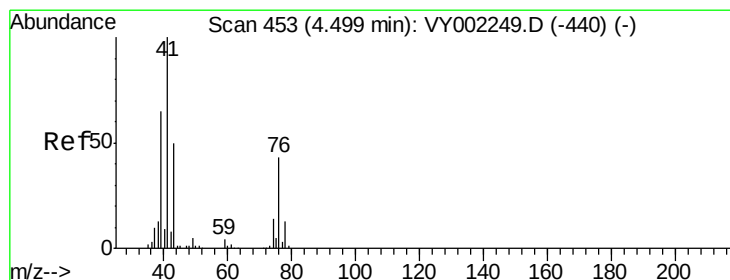
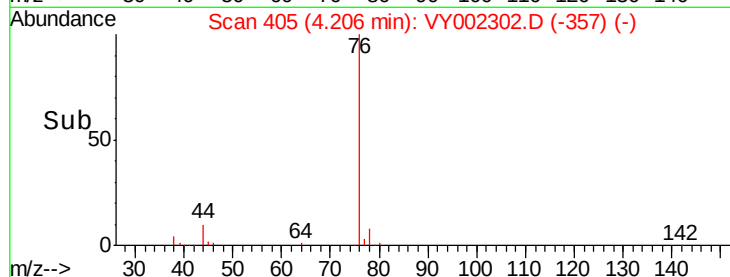
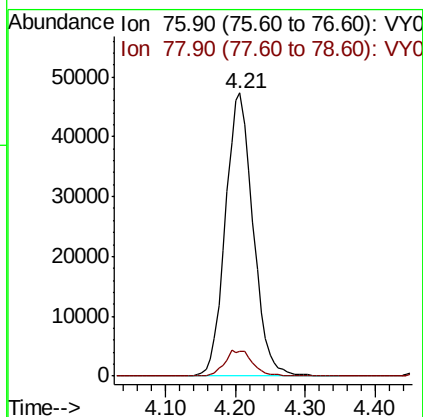
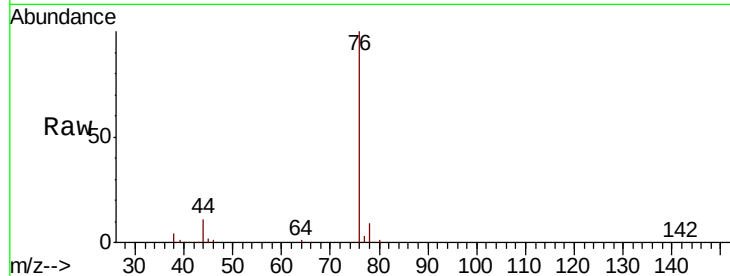




#17
Carbon Disulfide
Concen: 20.371 ug/l
RT: 4.21 min Scan# 405
Delta R.T. -0.01 min
Lab File: VY002302.D
Acq: 14 Apr 2020 12:50

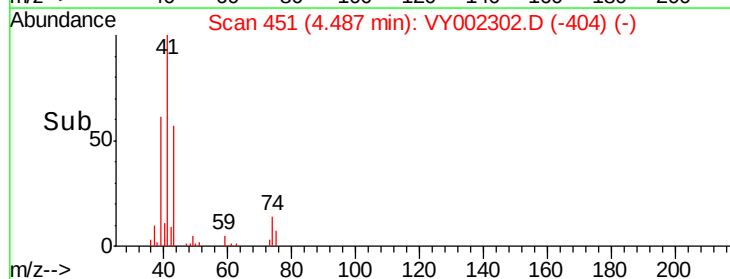
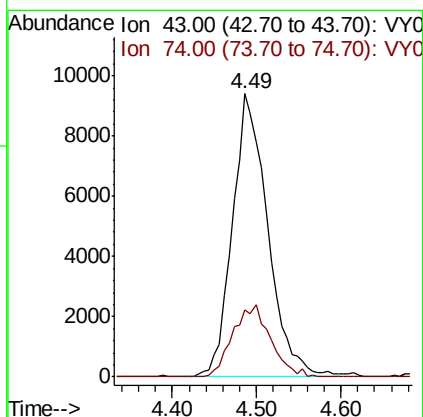
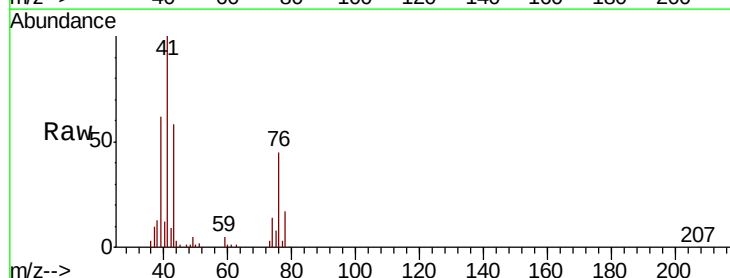
Instrument :
MSVOA_Y
ClientSampled :

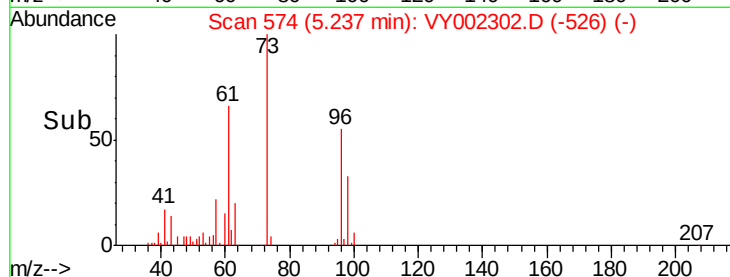
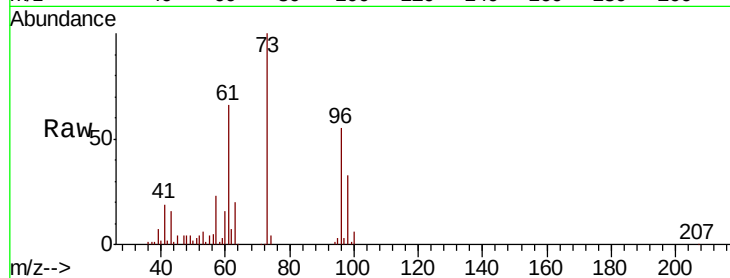
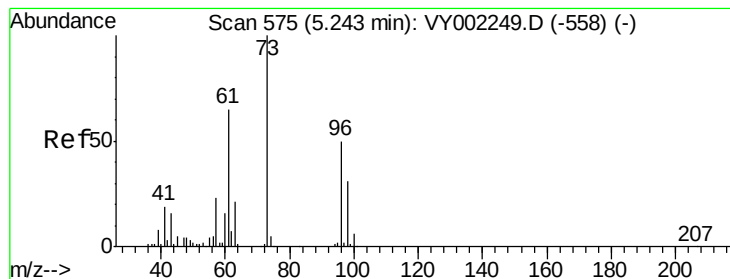
Tot Ion: 76 Resp: 129755
Ion Ratio Lower Upper
76 100
78 9.0 7.7 11.5



#18
Methyl Acetate
Concen: 18.542 ug/l
RT: 4.49 min Scan# 451
Delta R.T. -0.01 min
Lab File: VY002302.D
Acq: 14 Apr 2020 12:50

Tgt Ion: 43 Resp: 26757
Ion Ratio Lower Upper
43 100
74 27.1 20.3 30.5



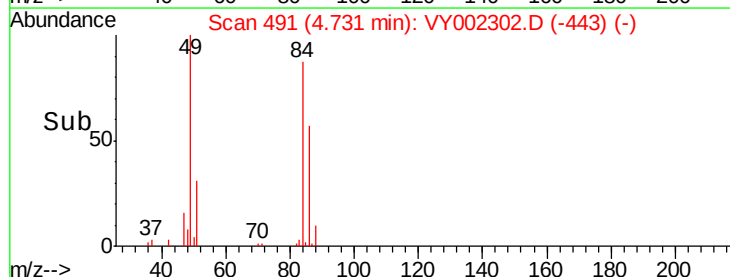
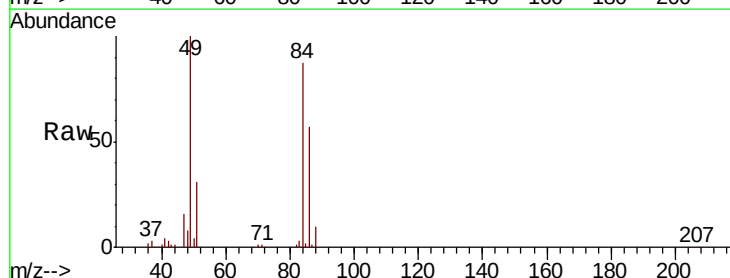
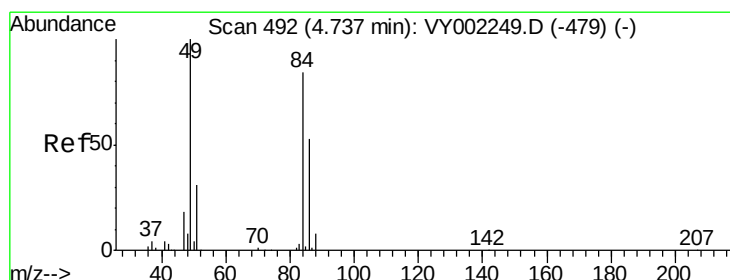
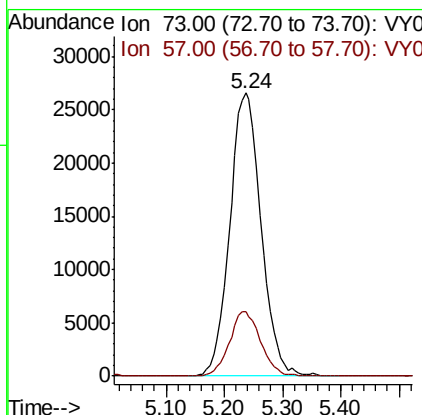


#19

Methyl tert-butyl Ether
 Concen: 19.631 ug/l
 RT: 5.24 min Scan# 574
 Delta R.T. -0.01 min
 Lab File: VY002302.D
 Acq: 14 Apr 2020 12:50

Instrument :
 MSVOA_Y
 ClientSampled :

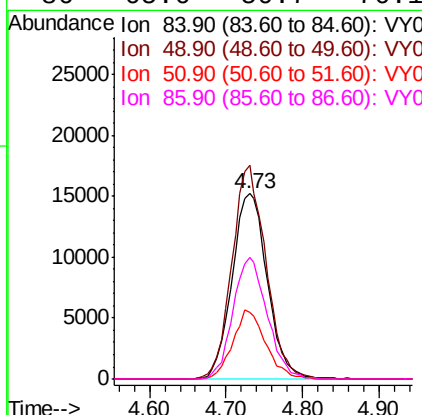
Tot Ion: 73 Resp: 98983
 Ion Ratio Lower Upper
 73 100
 57 23.0 18.7 28.1

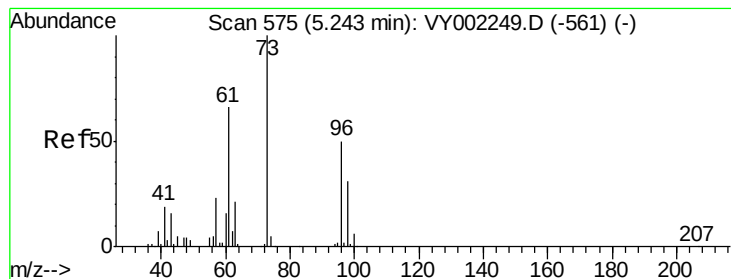


#20

Methylene Chloride
 Concen: 21.283 ug/l
 RT: 4.73 min Scan# 491
 Delta R.T. -0.01 min
 Lab File: VY002302.D
 Acq: 14 Apr 2020 12:50

Tgt Ion: 84 Resp: 48668
 Ion Ratio Lower Upper
 84 100
 49 115.4 95.5 143.3
 51 36.3 29.5 44.3
 86 65.6 50.7 76.1





#21

trans-1,2-Dichloroethene

Concen: 20.775 ug/l

RT: 5.23 min Scan# 573

Delta R.T. -0.01 min

Lab File: VY002302.D

Acq: 14 Apr 2020 12:50

Instrument :

MSVOA_Y

ClientSampleId :

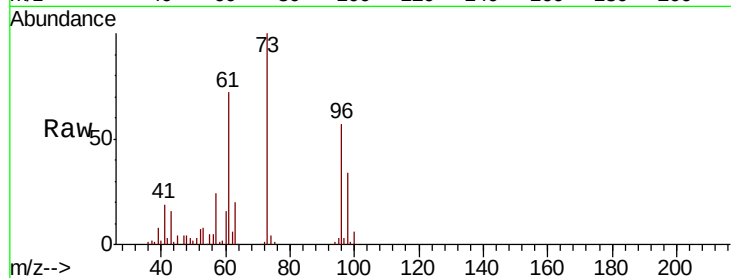
Tot Ion: 96 Resp: 44724

Ion Ratio Lower Upper

96 100

61 126.0 104.6 157.0

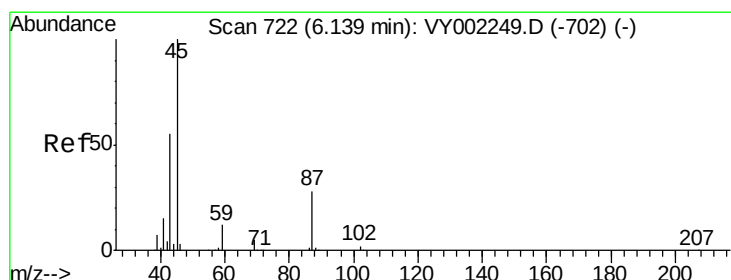
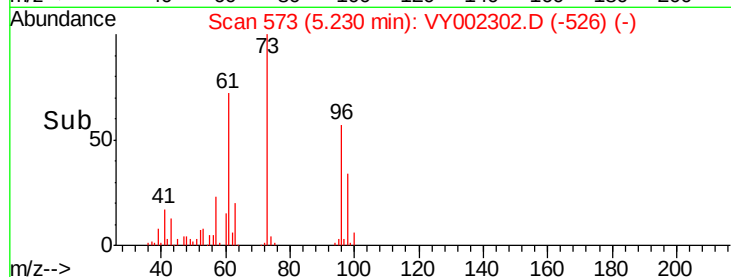
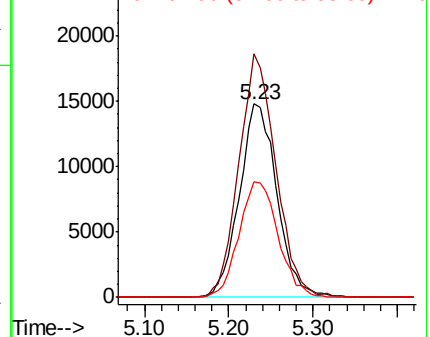
98 59.8 50.1 75.1



Abundance Ion 95.90 (95.60 to 96.60): VY002249.D (-561) (-)

Ion 60.90 (60.60 to 61.60): VY002249.D (-561) (-)

Ion 97.90 (97.60 to 98.60): VY002249.D (-561) (-)



#22

Diisopropyl ether

Concen: 19.282 ug/l

RT: 6.13 min Scan# 721

Delta R.T. -0.01 min

Lab File: VY002302.D

Acq: 14 Apr 2020 12:50

Tgt Ion: 45 Resp: 120182

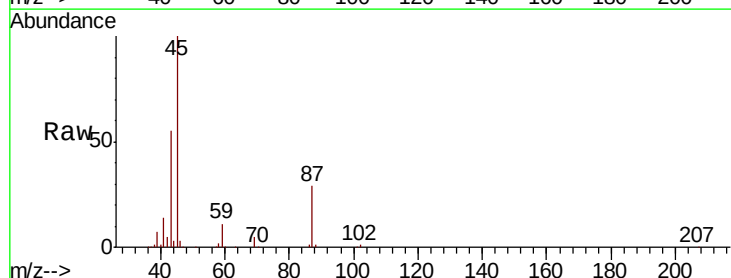
Ion Ratio Lower Upper

45 100

43 54.5 44.7 67.1

87 28.7 23.0 34.4

59 11.5 10.1 15.1

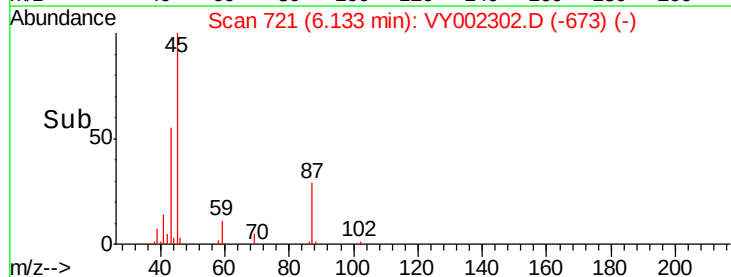
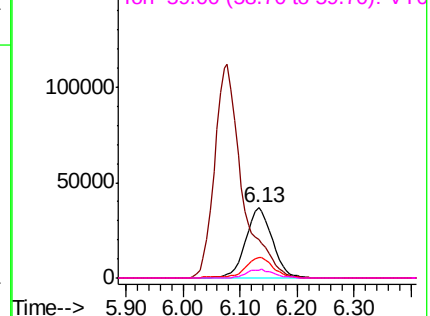


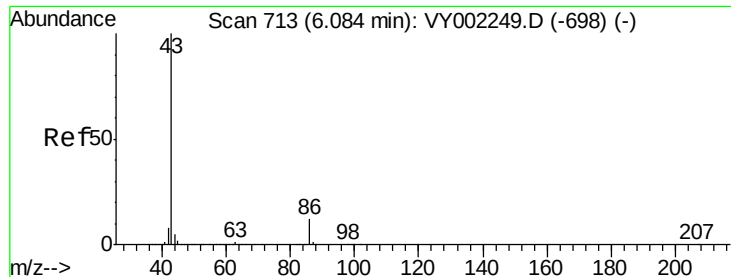
Abundance Ion 45.00 (44.70 to 45.70): VY002249.D (-702) (-)

Ion 43.00 (42.70 to 43.70): VY002249.D (-702) (-)

Ion 87.00 (86.70 to 87.70): VY002249.D (-702) (-)

Ion 59.00 (58.70 to 59.70): VY002249.D (-702) (-)





#23

Vinyl Acetate

Concen: 94.392 ug/l

RT: 6.08 min Scan# 712

Delta R.T. -0.01 min

Lab File: VY002302.D

Acq: 14 Apr 2020 12:50

Instrument :

MSVOA_Y

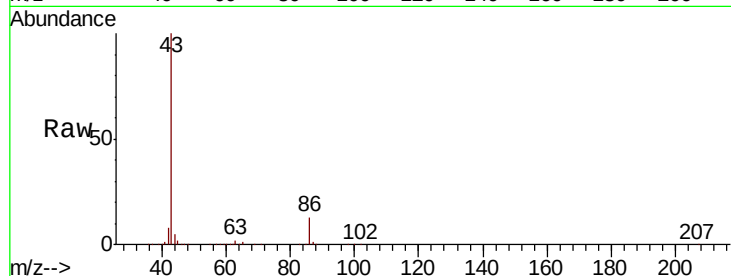
ClientSampled :

Tot Ion: 43 Resp: 374911

Ion Ratio Lower Upper

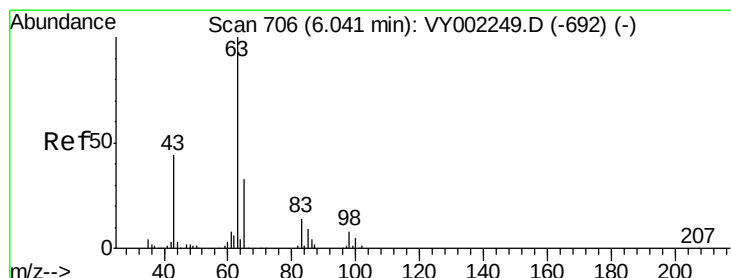
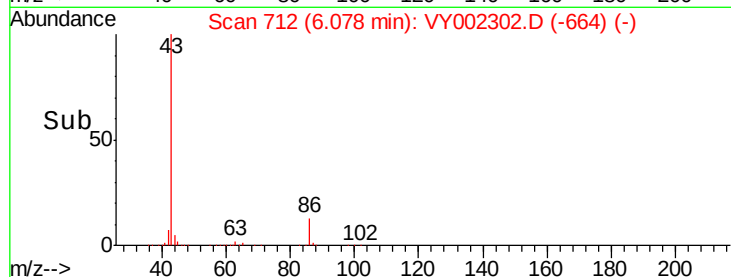
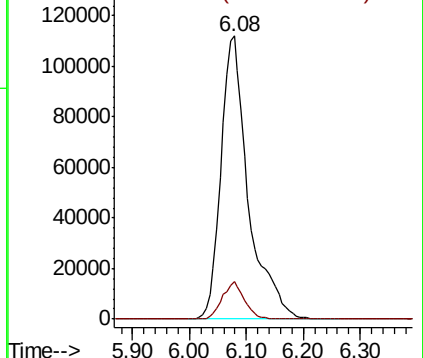
43 100

86 13.3 9.2 13.8



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 20.098 ug/l

RT: 6.03 min Scan# 704

Delta R.T. -0.01 min

Lab File: VY002302.D

Acq: 14 Apr 2020 12:50

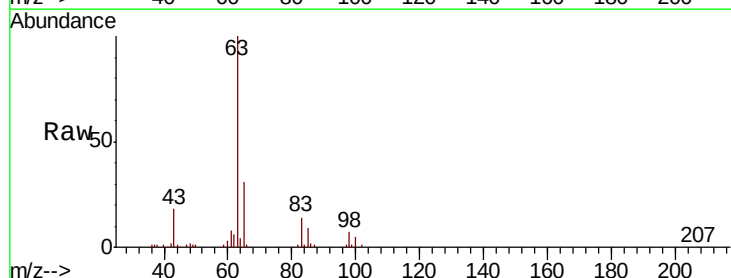
Tgt Ion: 63 Resp: 71251

Ion Ratio Lower Upper

63 100

98 7.2 4.0 12.0

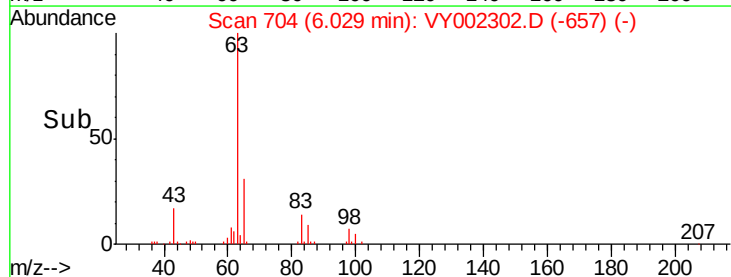
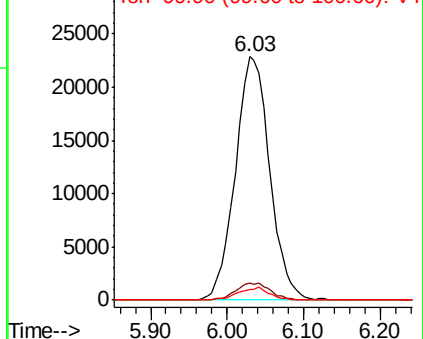
100 4.6 2.4 7.1

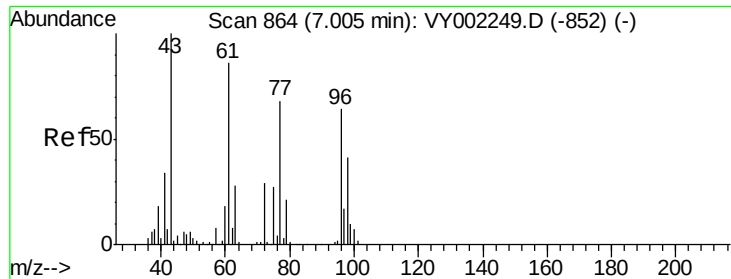


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0

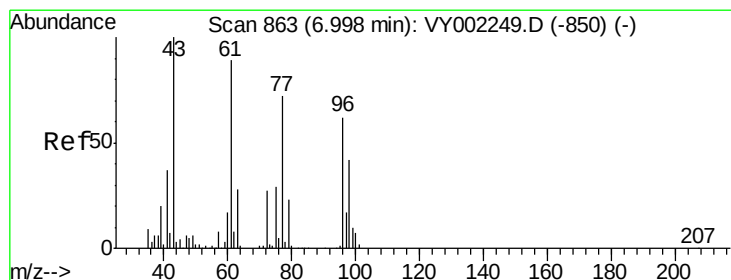
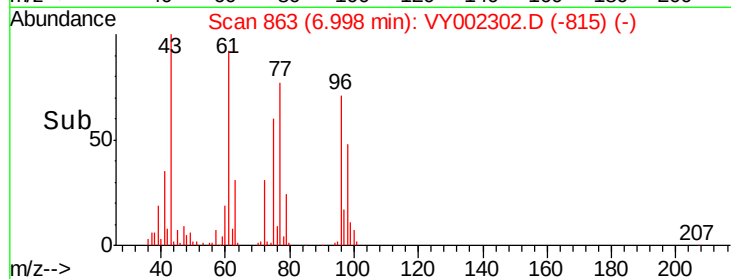
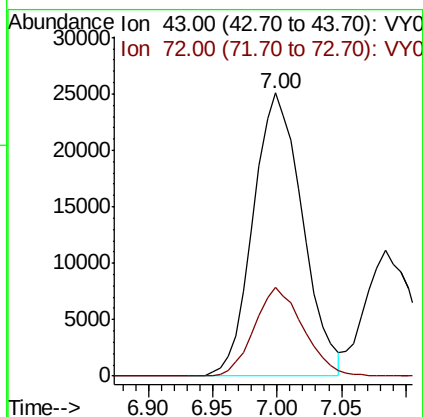
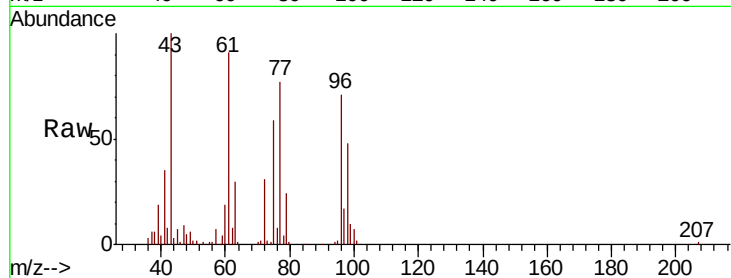




#25
2-Butanone
Concen: 90.684 ug/l
RT: 7.00 min Scan# 863
Delta R.T. -0.01 min
Lab File: VY002302.D
Acq: 14 Apr 2020 12:50

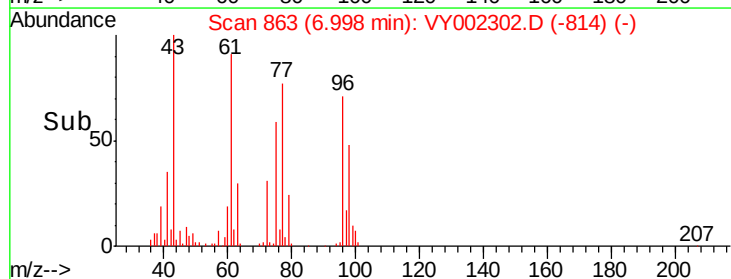
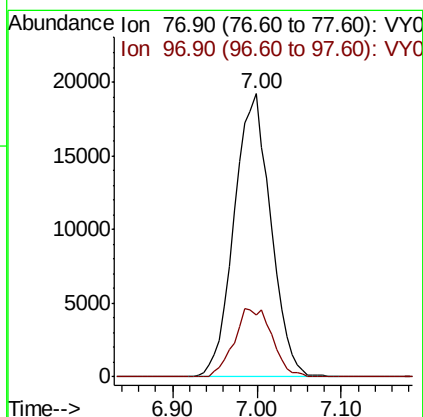
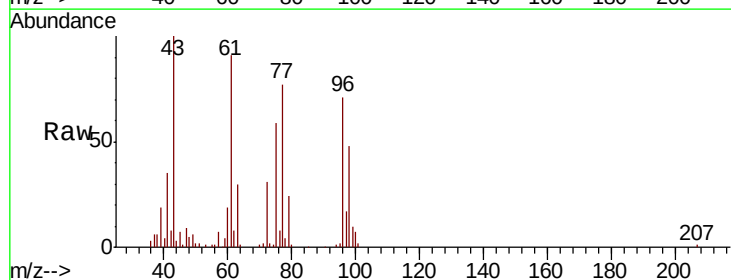
Instrument :
MSVOA_Y
ClientSampled :

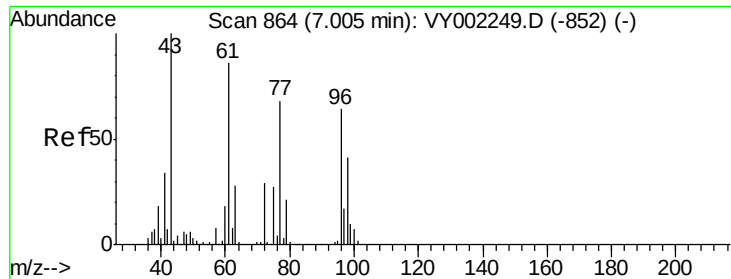
Tot Ion: 43 Resp: 66766
Ion Ratio Lower Upper
43 100
72 31.3 23.2 34.8



#26
2,2-Dichloropropane
Concen: 19.109 ug/l
RT: 7.00 min Scan# 863
Delta R.T. 0.00 min
Lab File: VY002302.D
Acq: 14 Apr 2020 12:50

Tgt Ion: 77 Resp: 56669
Ion Ratio Lower Upper
77 100
97 25.0 12.2 36.6



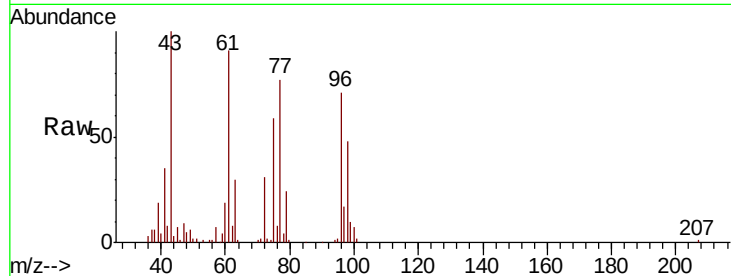


#27

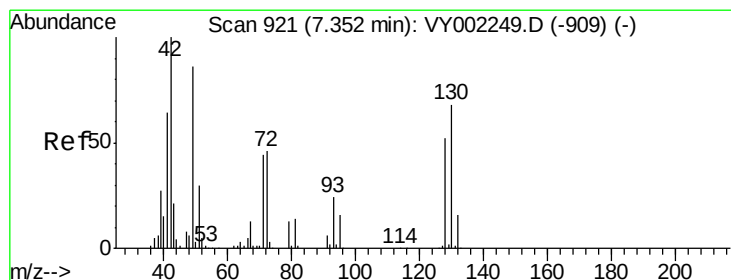
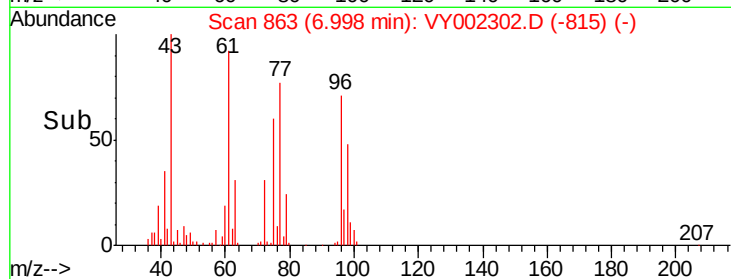
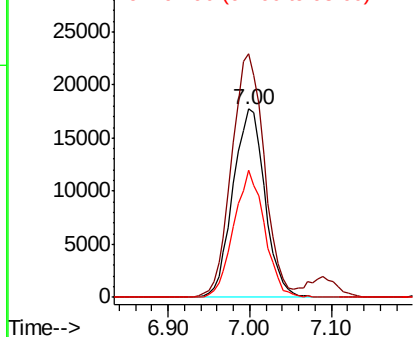
cis-1,2-Dichloroethene
Concen: 20.481 ug/l
RT: 7.00 min Scan# 863
Delta R.T. -0.01 min
Lab File: VY002302.D
Acq: 14 Apr 2020 12:50

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 96 Resp: 48062
Ion Ratio Lower Upper
96 100
61 131.6 0.0 278.0
98 64.9 0.0 128.6



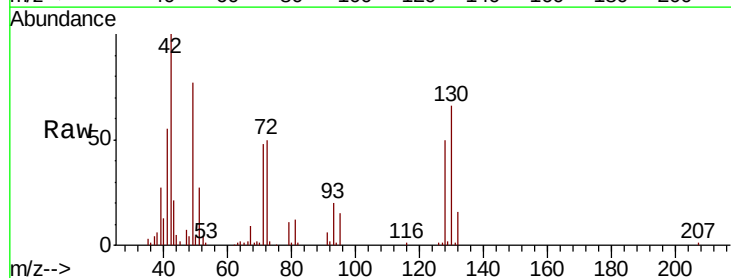
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



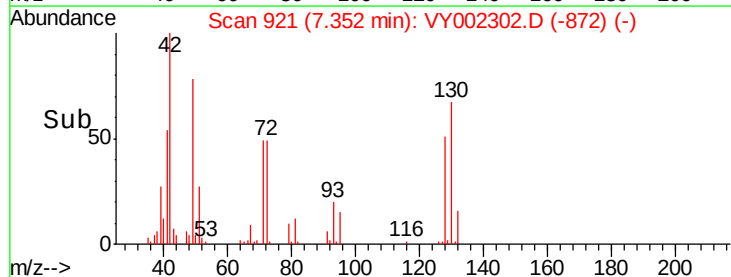
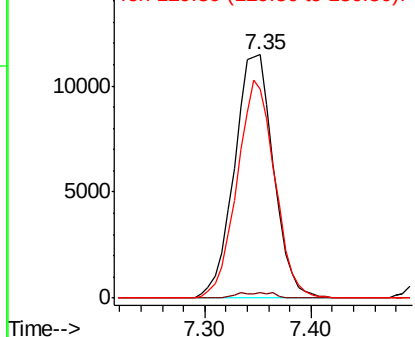
#28

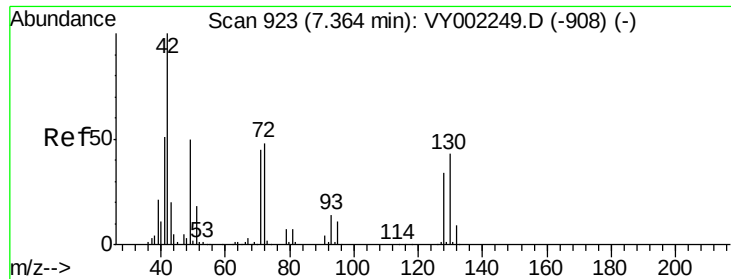
Bromochloromethane
Concen: 19.401 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.00 min
Lab File: VY002302.D
Acq: 14 Apr 2020 12:50

Tgt Ion: 49 Resp: 29690
Ion Ratio Lower Upper
49 100
129 1.1 0.0 4.2
130 86.1 60.9 91.3



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

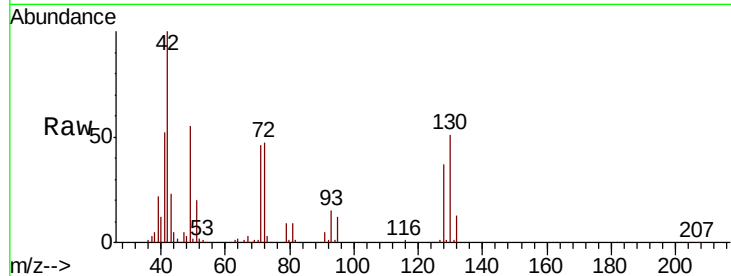




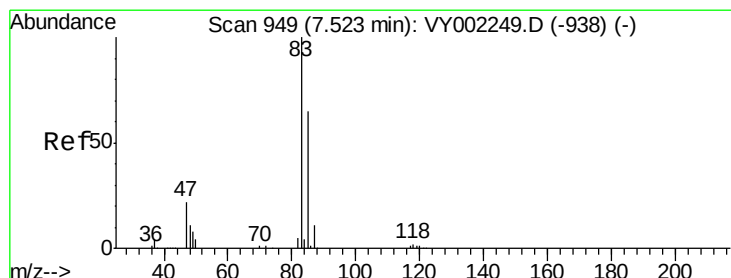
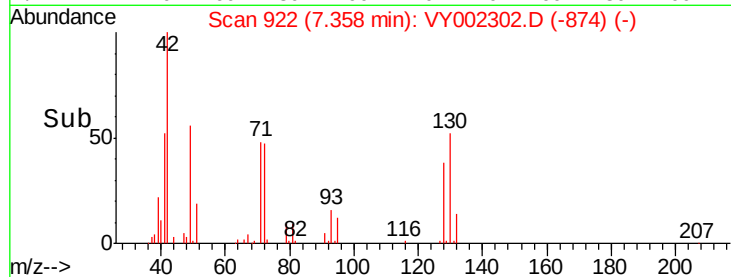
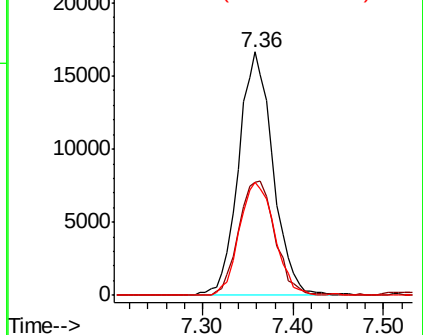
#29
Tetrahydrofuran
Concen: 89.897 ug/l
RT: 7.36 min Scan# 922
Delta R.T. -0.01 min
Lab File: VY002302.D
Acq: 14 Apr 2020 12:50

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 42 Resp: 43751
Ion Ratio Lower Upper
42 100
72 49.5 36.7 55.1
71 47.5 34.7 52.1

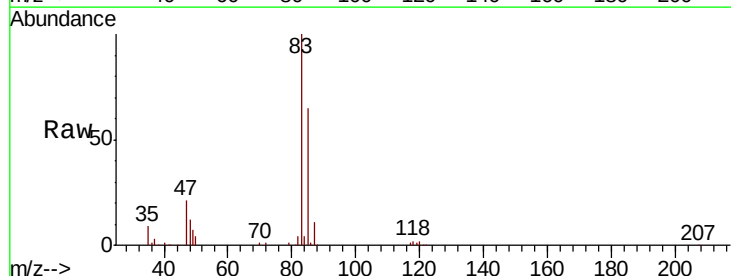


Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

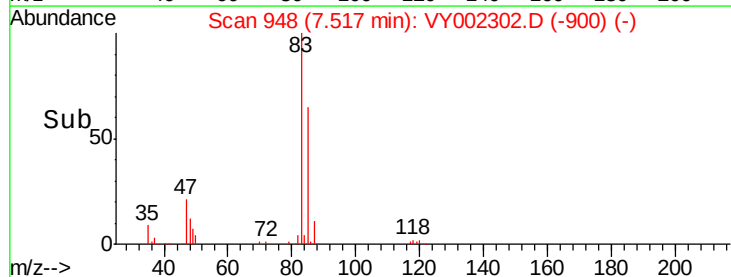
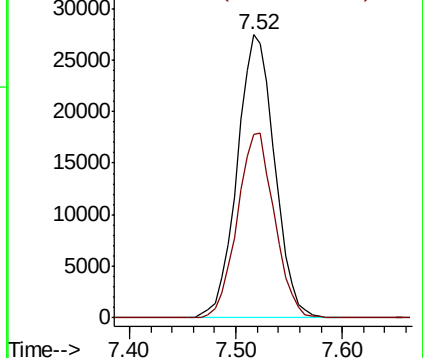


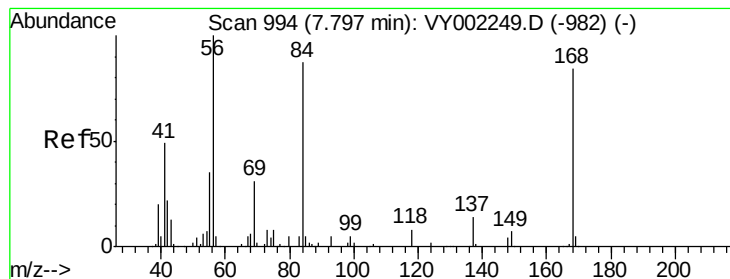
#30
Chloroform
Concen: 20.259 ug/l
RT: 7.52 min Scan# 948
Delta R.T. -0.01 min
Lab File: VY002302.D
Acq: 14 Apr 2020 12:50

Tgt Ion: 83 Resp: 67702
Ion Ratio Lower Upper
83 100
85 64.7 52.0 78.0



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





#31

Cyclohexane

Concen: 19.586 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

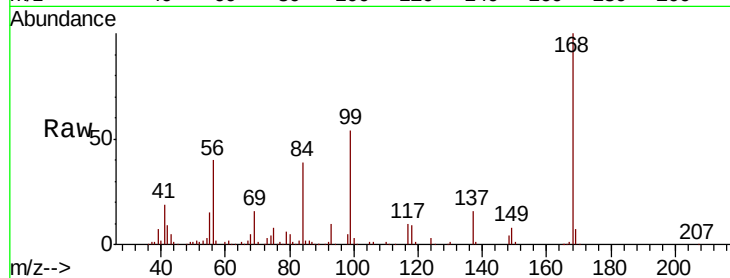
Lab File: VY002302.D

Acq: 14 Apr 2020 12:50

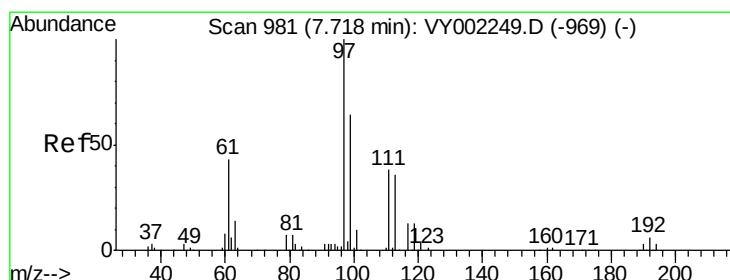
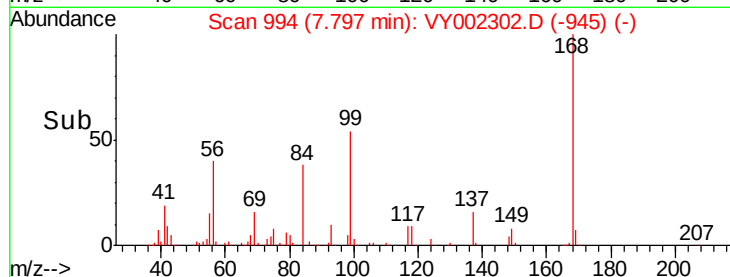
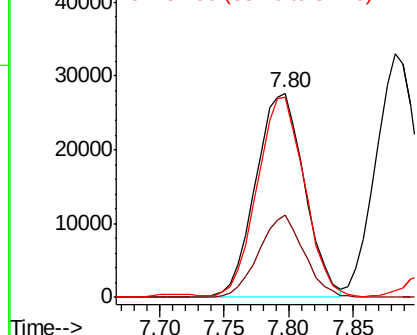
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 56 Resp: 72885

Ion	Ratio	Lower	Upper
56	100		
69	40.6	25.0	37.6#
84	96.3	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: 19.801 ug/l

RT: 7.71 min Scan# 980

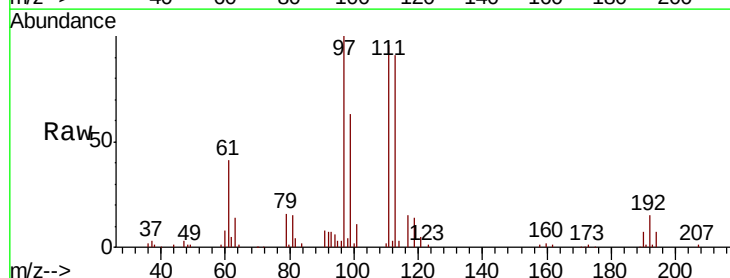
Delta R.T. -0.01 min

Lab File: VY002302.D

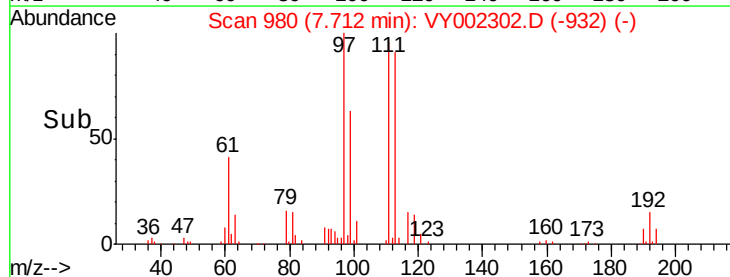
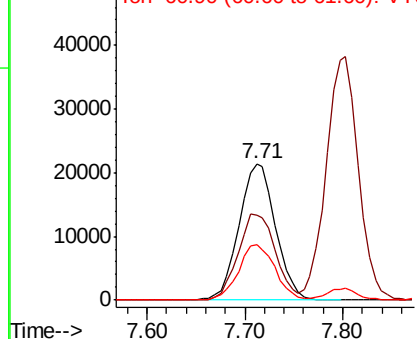
Acq: 14 Apr 2020 12:50

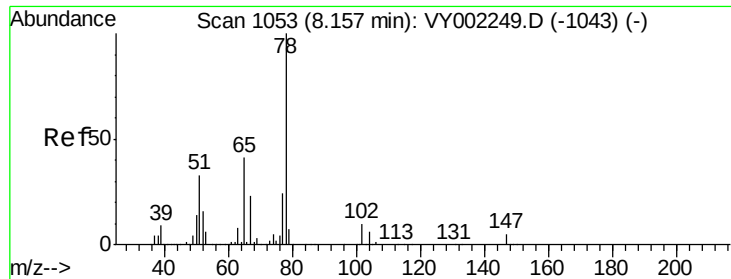
Tgt Ion: 97 Resp: 55077

Ion	Ratio	Lower	Upper
97	100		
99	65.0	51.3	76.9
61	40.9	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

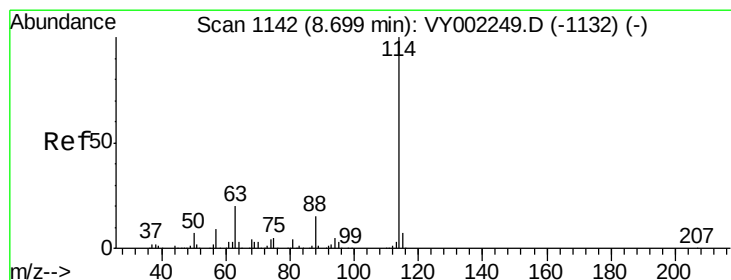
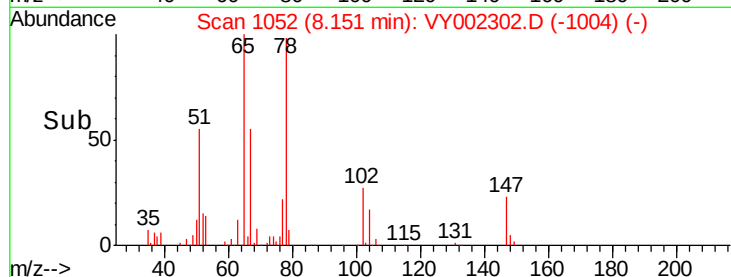
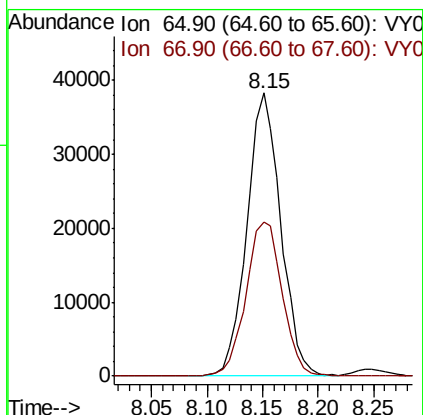
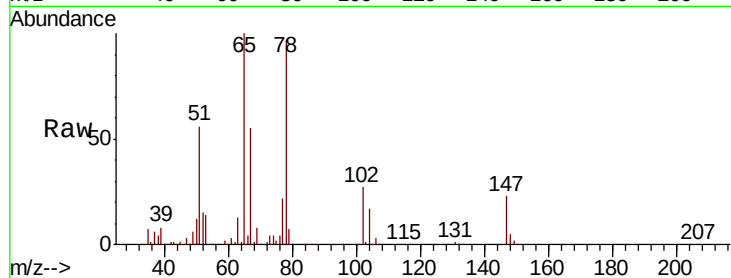




#33
 1,2-Dichloroethane-d4
 Concen: 45.881 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: VY002302.D
 Acq: 14 Apr 2020 12:50

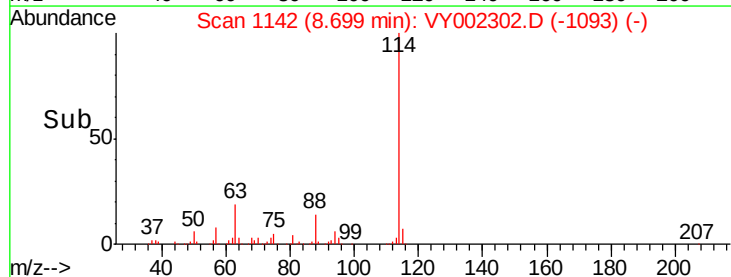
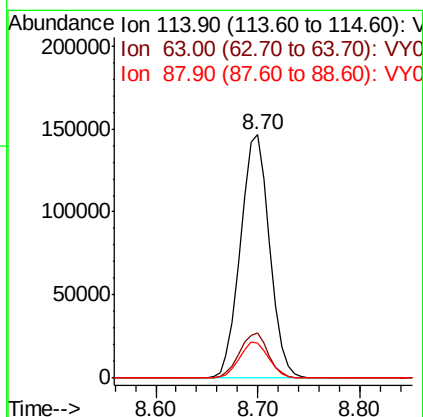
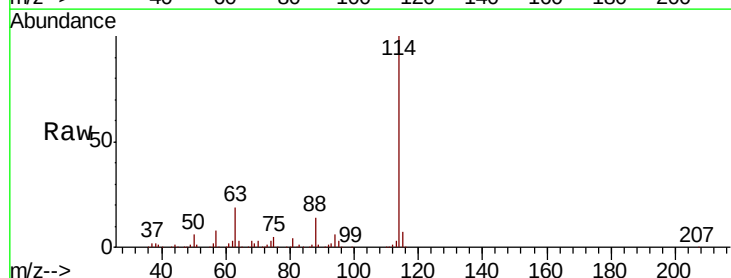
Instrument :
 MSVOA_Y
 ClientSampleId :

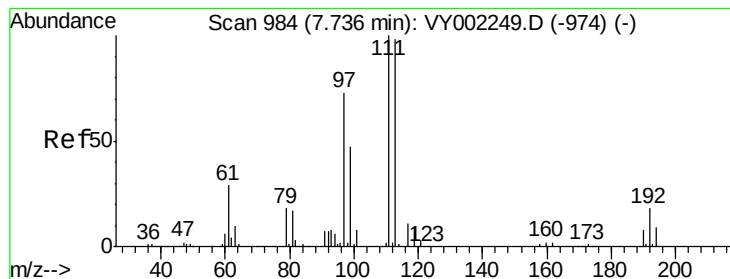
Tot Ion: 65 Resp: 81042
 Ion Ratio Lower Upper
 65 100
 67 58.5 0.0 114.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. 0.00 min
 Lab File: VY002302.D
 Acq: 14 Apr 2020 12:50

Tgt Ion: 114 Resp: 290102
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 39.0
 88 14.3 0.0 31.0





#35

Dibromofluoromethane

Concen: 49.218 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.01 min

Lab File: VY002302.D

Acq: 14 Apr 2020 12:50

Instrument :

MSVOA_Y

ClientSampleId :

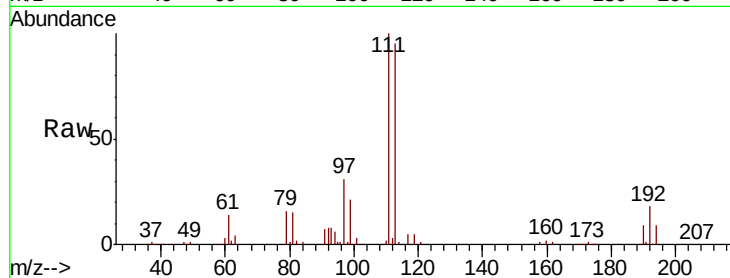
Tot Ion:113 Resp: 84960

Ion Ratio Lower Upper

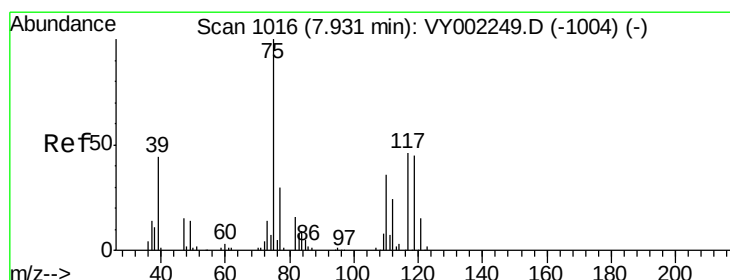
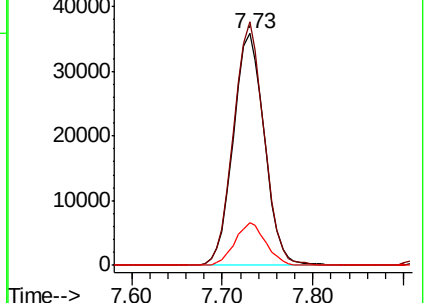
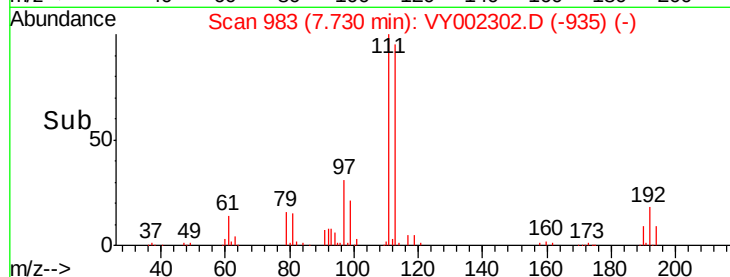
113 100

111 102.9 83.5 125.3

192 18.2 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: 19.905 ug/l

RT: 7.93 min Scan# 1015

Delta R.T. -0.01 min

Lab File: VY002302.D

Acq: 14 Apr 2020 12:50

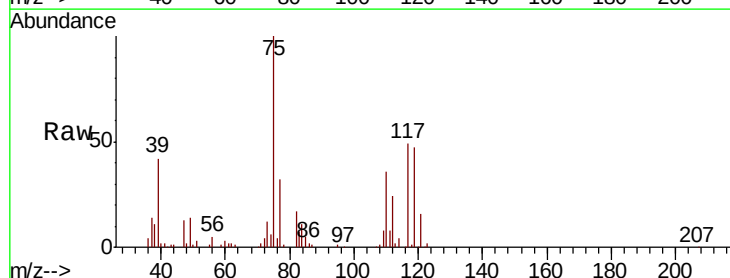
Tgt Ion: 75 Resp: 56878

Ion Ratio Lower Upper

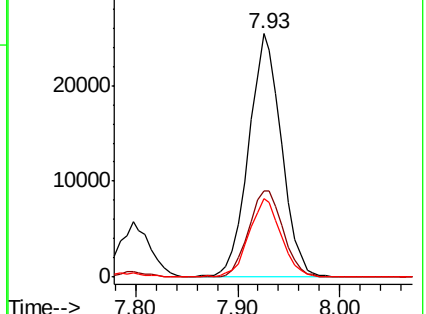
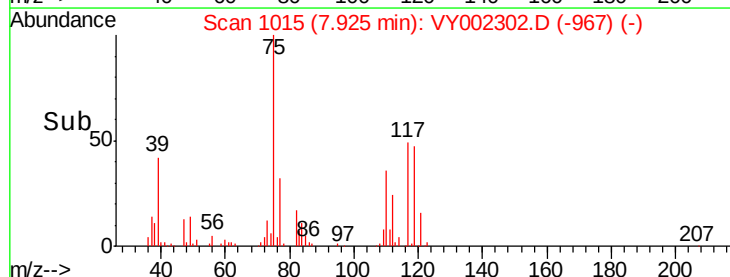
75 100

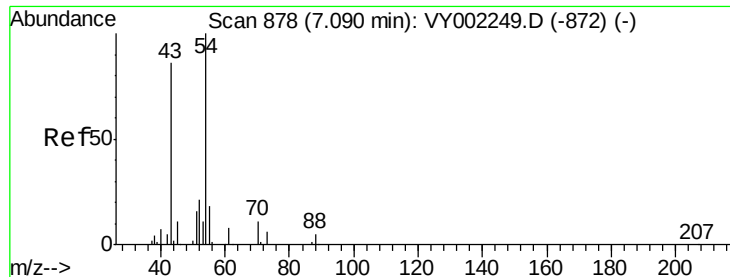
110 37.0 17.8 53.3

77 31.9 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

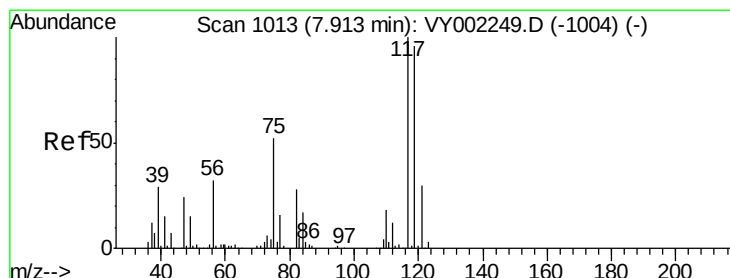
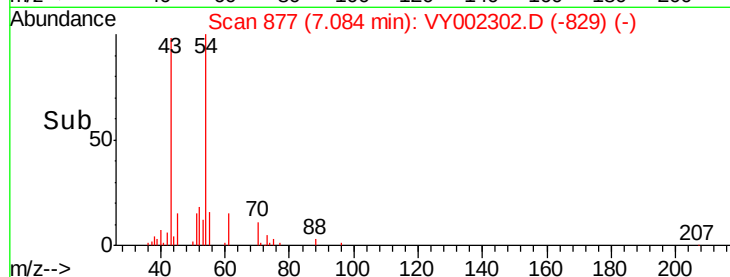
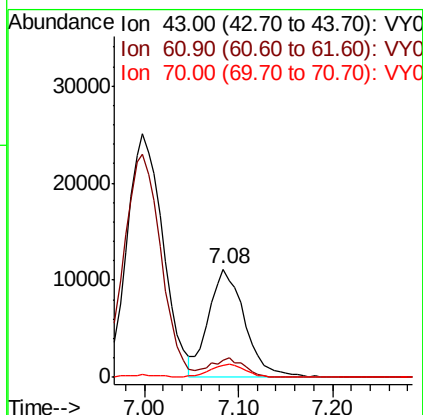
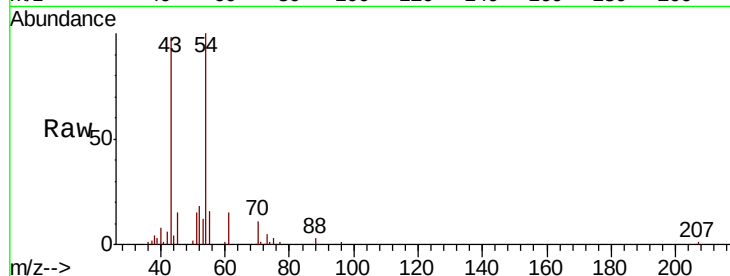




#37
Ethyl Acetate
Concen: 18.271 ug/l
RT: 7.08 min Scan# 877
Delta R.T. -0.01 min
Lab File: VY002302.D
Acq: 14 Apr 2020 12:50

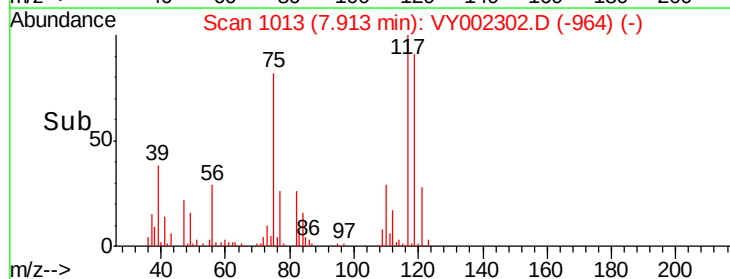
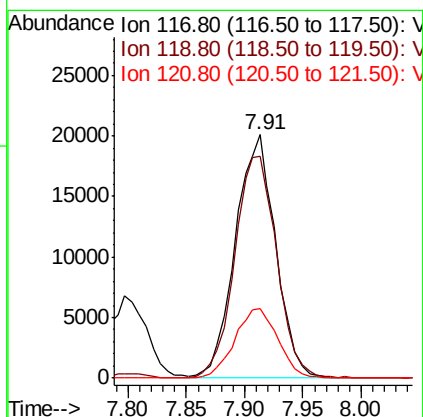
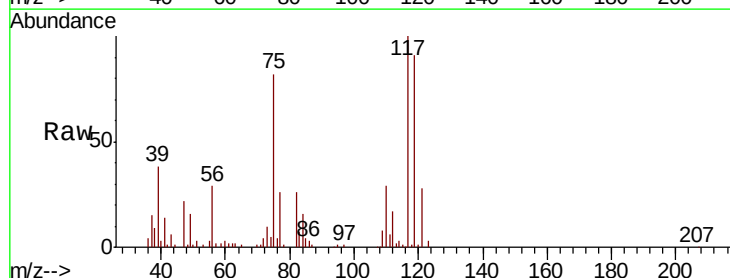
Instrument :
MSVOA_Y
ClientSampled :

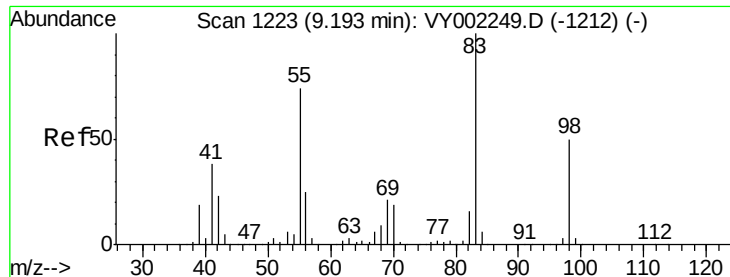
Tot Ion: 43 Resp: 29826
Ion Ratio Lower Upper
43 100
61 16.7 11.8 17.6
70 11.9 9.1 13.7



#38
Carbon Tetrachloride
Concen: 19.745 ug/l
RT: 7.91 min Scan# 1013
Delta R.T. 0.00 min
Lab File: VY002302.D
Acq: 14 Apr 2020 12:50

Tgt Ion: 117 Resp: 48261
Ion Ratio Lower Upper
117 100
119 91.1 77.1 115.7
121 28.4 23.9 35.9

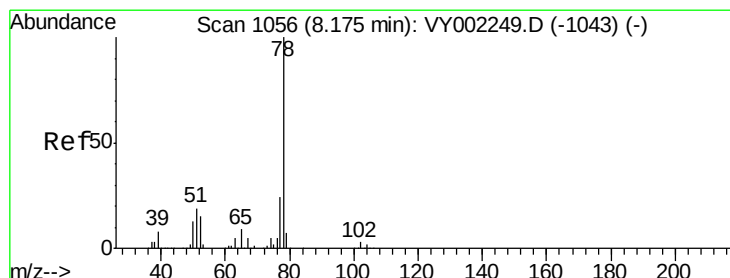
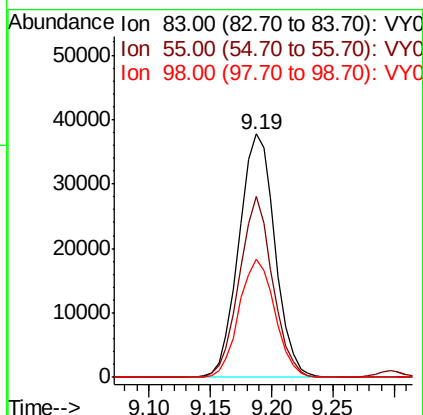
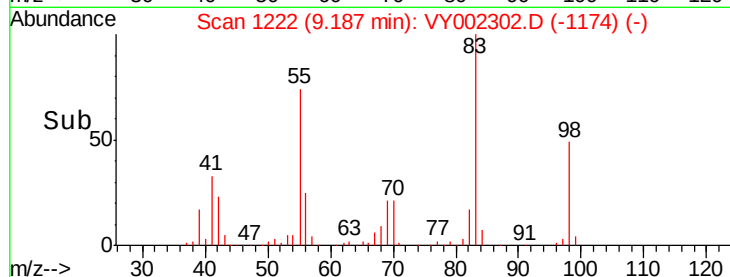
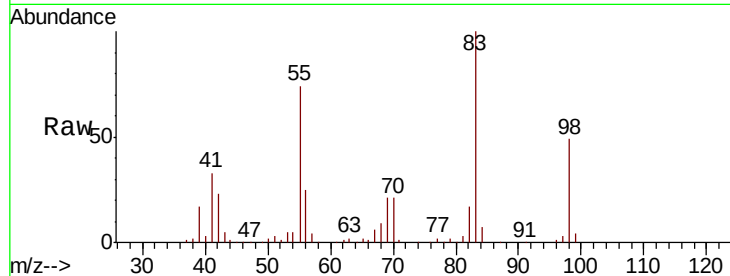




#39
Methylvlcyclohexane
Concen: 19.909 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.01 min
Lab File: VY002302.D
Acq: 14 Apr 2020 12:50

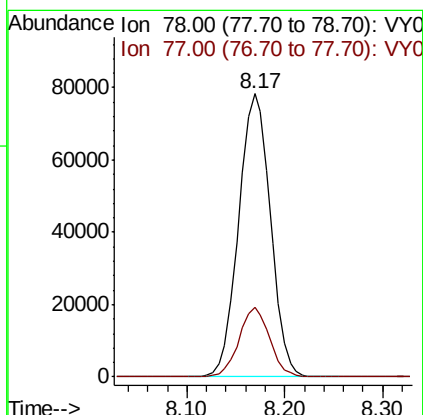
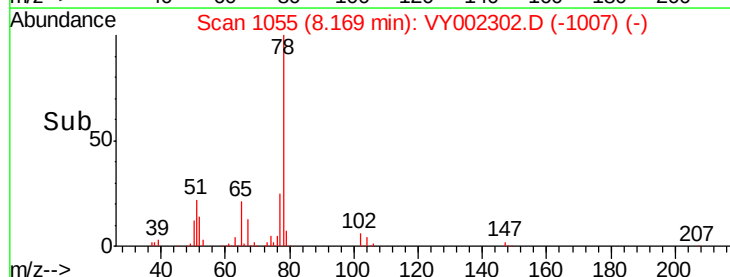
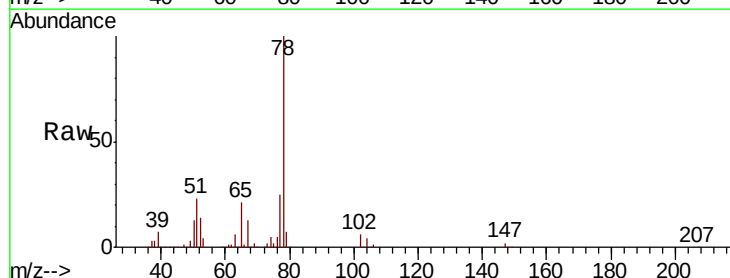
Instrument :
MSVOA_Y
ClientSampled :

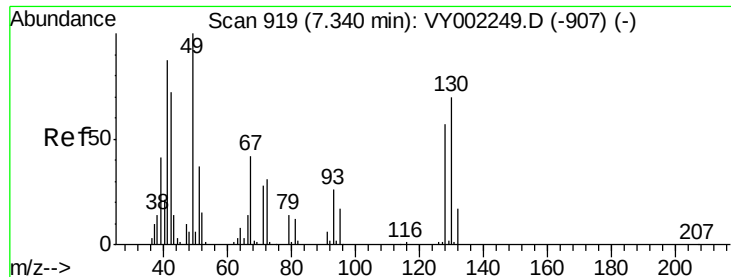
Tot Ion: 83 Resp: 77386
Ion Ratio Lower Upper
83 100
55 74.2 59.3 88.9
98 48.7 39.6 59.4



#40
Benzene
Concen: 20.340 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.01 min
Lab File: VY002302.D
Acq: 14 Apr 2020 12:50

Tgt Ion: 78 Resp: 176338
Ion Ratio Lower Upper
78 100
77 24.8 18.9 28.3

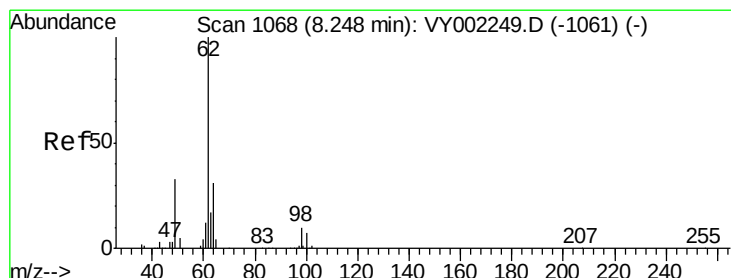
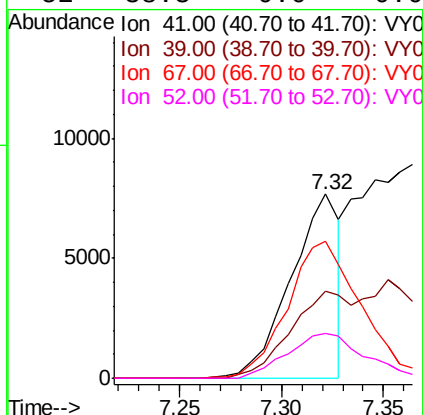
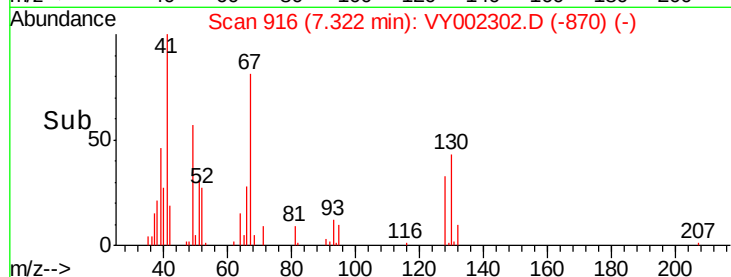
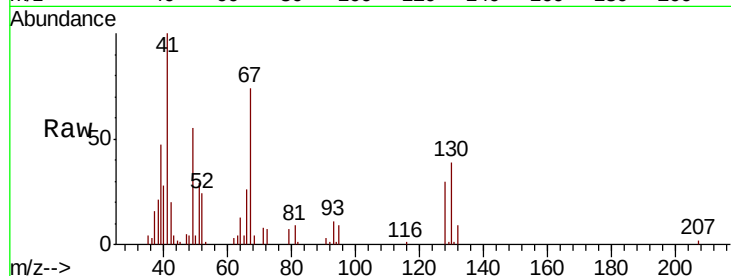




#41
Methacrylonitrile
Concen: 13.240 ug/l
RT: 7.32 min Scan# 916
Delta R.T. -0.02 min
Lab File: VY002302.D
Acq: 14 Apr 2020 12:50

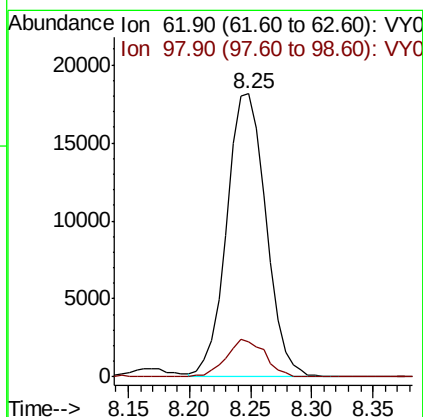
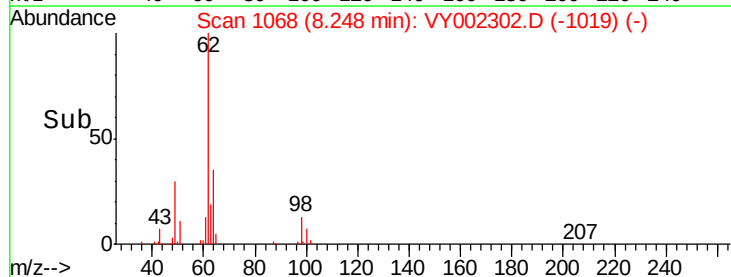
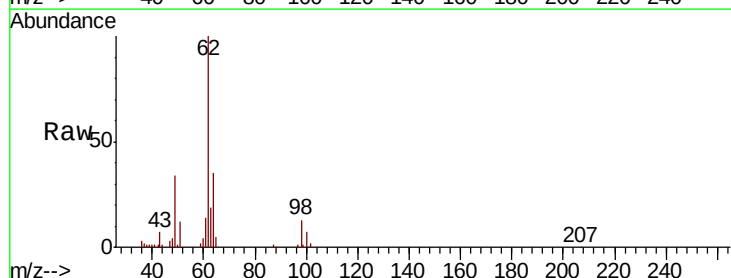
Instrument :
MSVOA_Y
ClientSampleId :

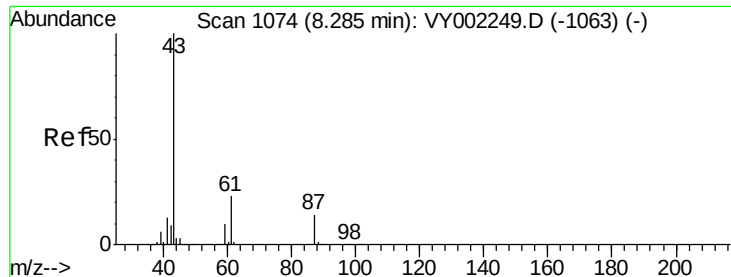
Tot Ion: 41 Resp: 12750
Ion Ratio Lower Upper
41 100
39 57.4 0.0 0.0#
67 111.6 0.0 0.0#
52 38.3 0.0 0.0#



#42
1,2-Dichloroethane
Concen: 18.829 ug/l
RT: 8.25 min Scan# 1068
Delta R.T. 0.00 min
Lab File: VY002302.D
Acq: 14 Apr 2020 12:50

Tgt Ion: 62 Resp: 40436
Ion Ratio Lower Upper
62 100
98 13.0 0.0 22.6





#43

Isopropyl Acetate

Concen: 18.077 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. -0.01 min

Lab File: VY002302.D

Acq: 14 Apr 2020 12:50

Instrument :

MSVOA_Y

ClientSampleId :

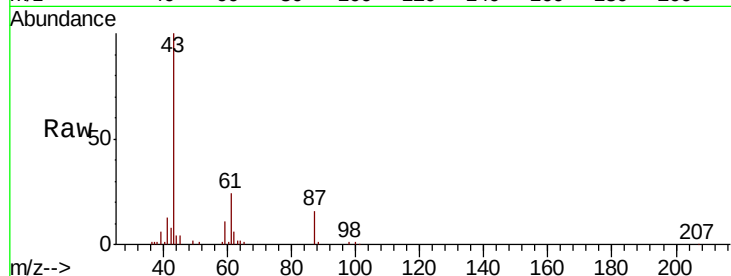
Tot Ion: 43 Resp: 53817

Ion Ratio Lower Upper

43 100

61 33.6 24.9 37.3

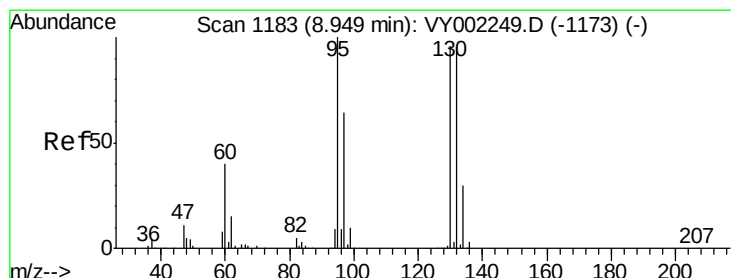
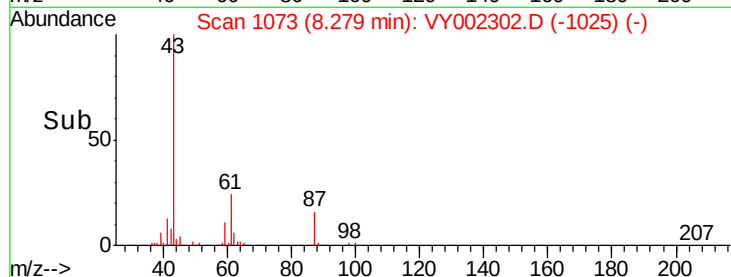
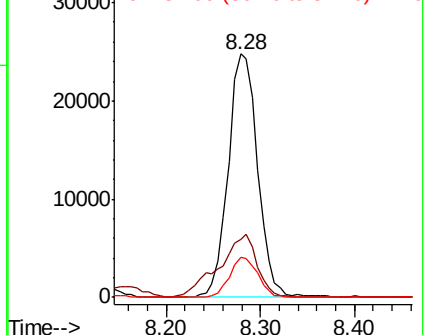
87 15.8 11.7 17.5



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: 19.998 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. -0.01 min

Lab File: VY002302.D

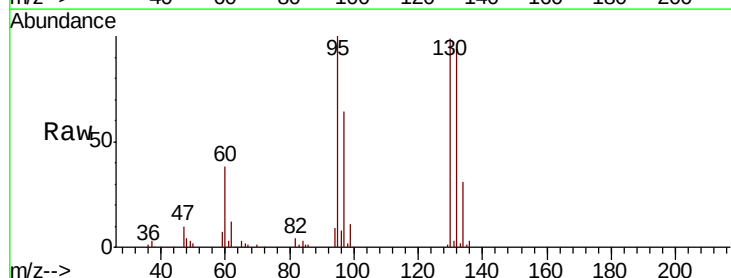
Acq: 14 Apr 2020 12:50

Tgt Ion:130 Resp: 50973

Ion Ratio Lower Upper

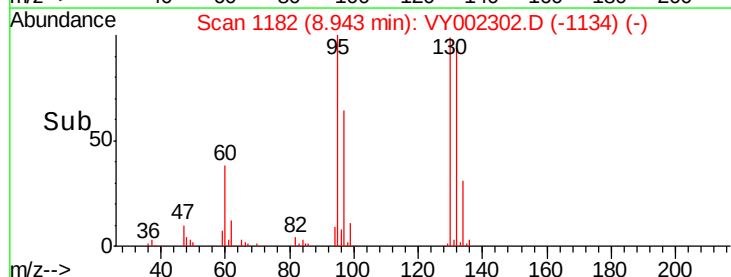
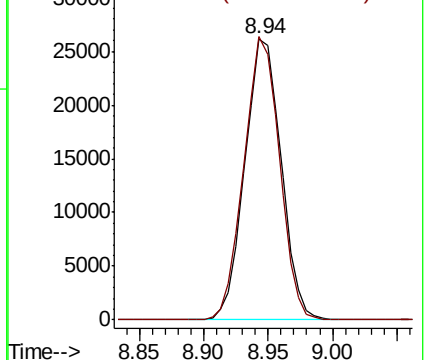
130 100

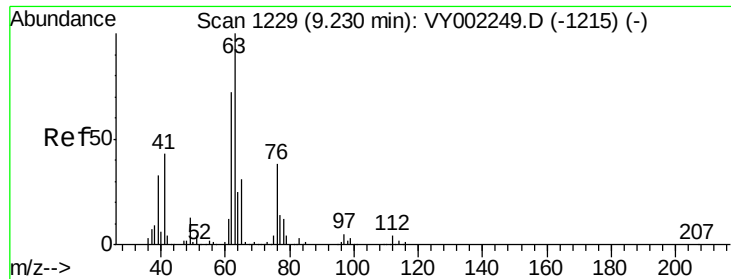
95 100.6 0.0 208.2



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

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

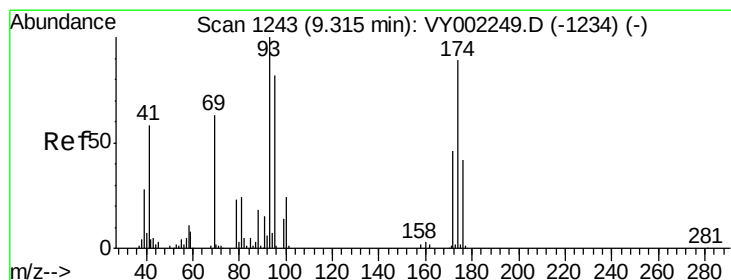
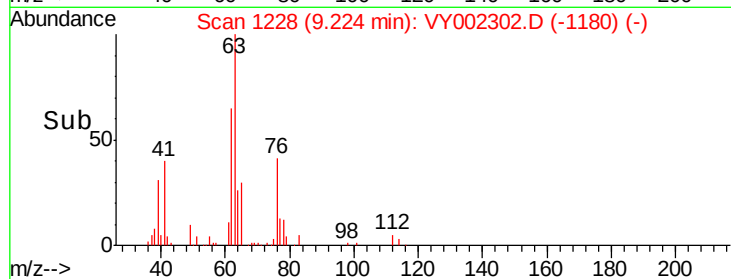
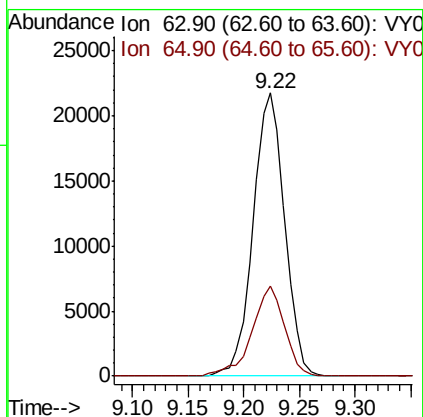
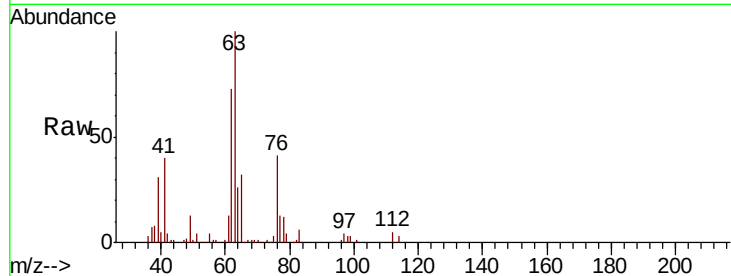




#45
 1,2-Dichloropropane
 Concen: 19.979 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: VY002302.D
 Acq: 14 Apr 2020 12:50

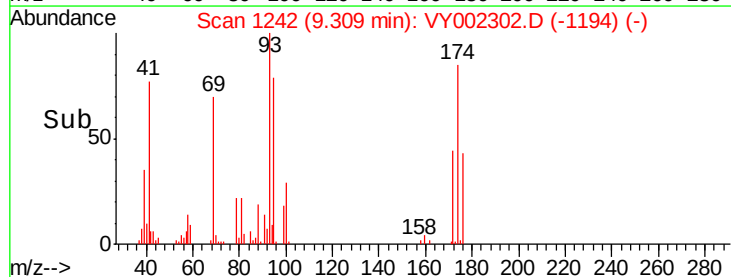
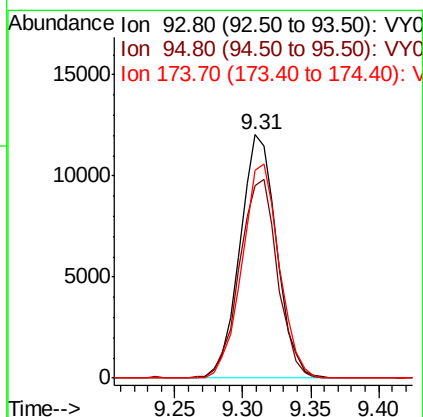
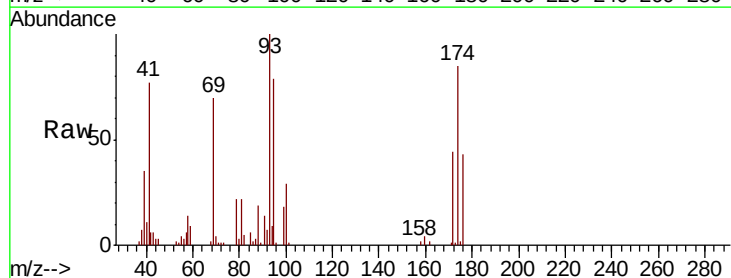
Instrument :
 MSVOA_Y
 ClientSampleId :

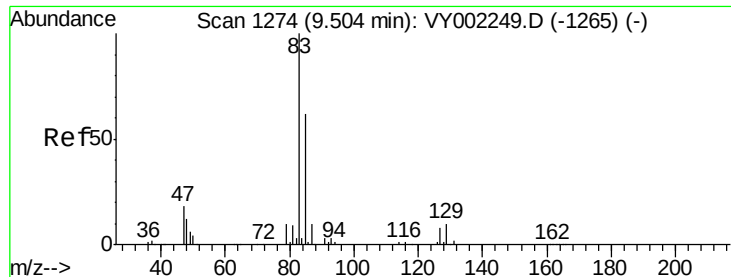
Tot Ion: 63 Resp: 42977
 Ion Ratio Lower Upper
 63 100
 65 31.8 24.6 37.0



#46
 Dibromomethane
 Concen: 20.175 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.01 min
 Lab File: VY002302.D
 Acq: 14 Apr 2020 12:50

Tgt Ion: 93 Resp: 22691
 Ion Ratio Lower Upper
 93 100
 95 84.5 67.3 100.9
 174 89.2 72.5 108.7

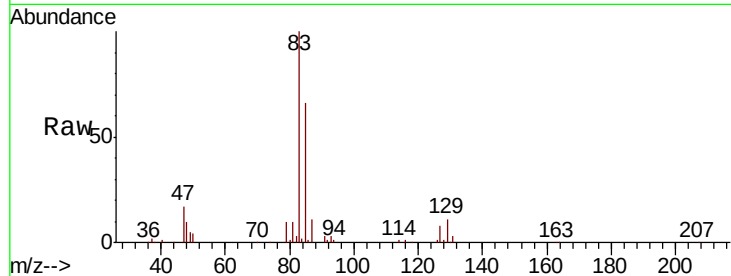




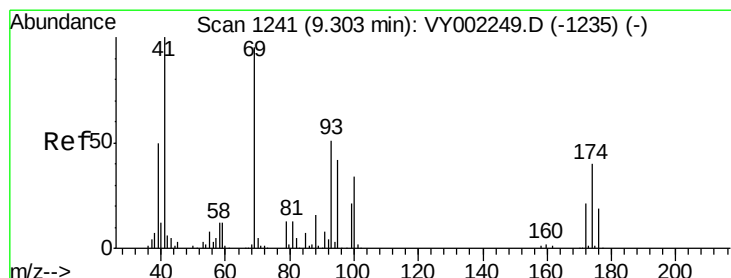
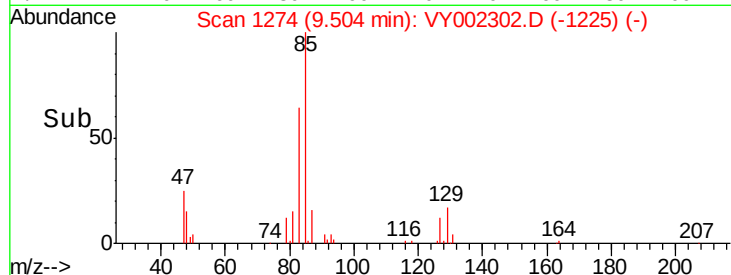
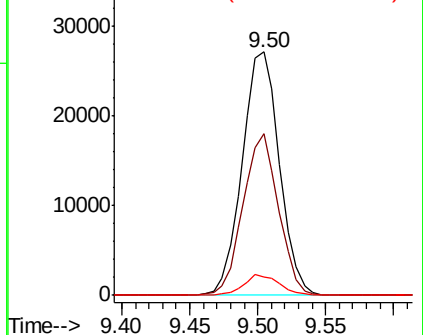
#47
Bromodichloromethane
Concen: 20.092 ug/l
RT: 9.50 min Scan# 1274
Delta R.T. 0.00 min
Lab File: VY002302.D
Acq: 14 Apr 2020 12:50

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 83 Resp: 51851
Ion Ratio Lower Upper
83 100
85 66.2 49.7 74.5
127 7.7 6.2 9.4

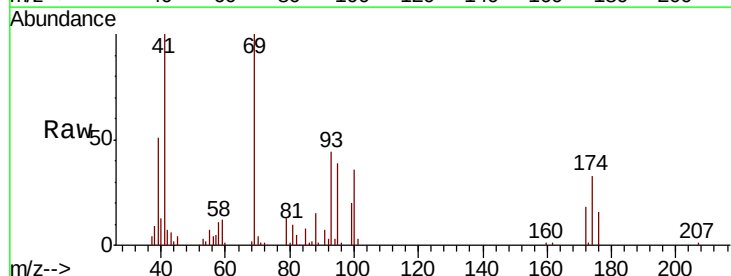


Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 84.90 (84.60 to 85.60): VY0
Ion 126.80 (126.50 to 127.50): VY0

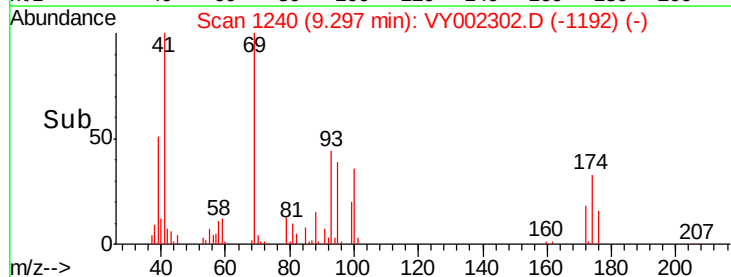
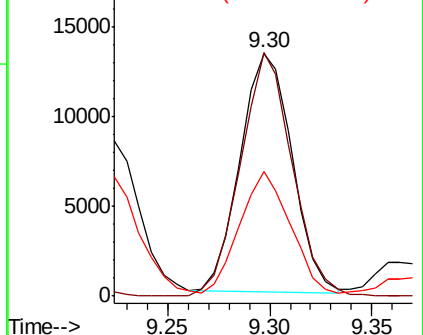


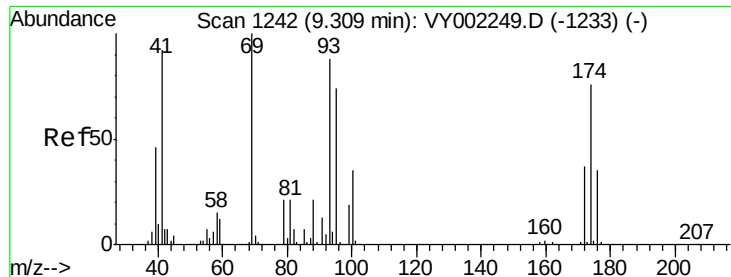
#48
Methyl methacrylate
Concen: 17.623 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. -0.01 min
Lab File: VY002302.D
Acq: 14 Apr 2020 12:50

Tgt Ion: 41 Resp: 23525
Ion Ratio Lower Upper
41 100
69 101.5 76.7 115.1
39 51.9 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

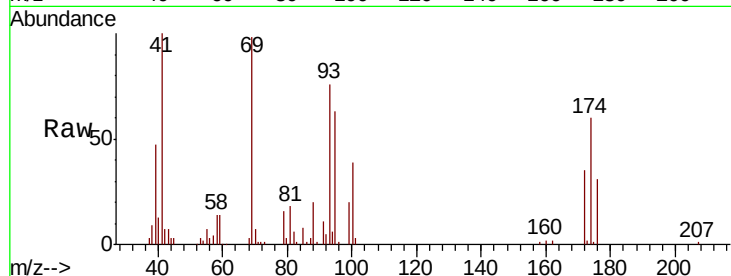




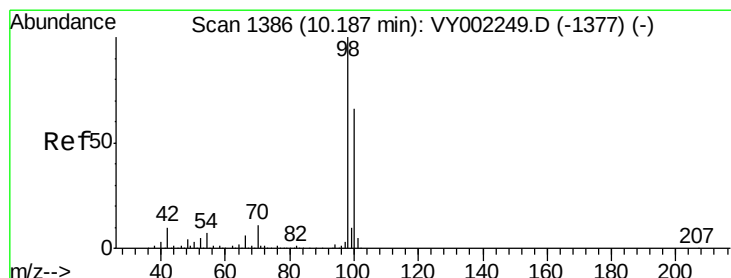
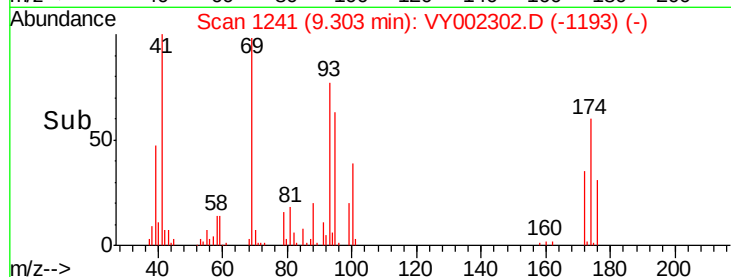
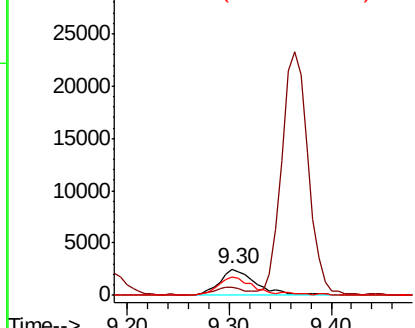
#49
1,4-Dioxane
Concen: 397.372 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. -0.01 min
Lab File: VY002302.D
Acq: 14 Apr 2020 12:50

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 88 Resp: 6322
Ion Ratio Lower Upper
88 100
43 29.0 22.2 33.2
58 69.9 57.6 86.4

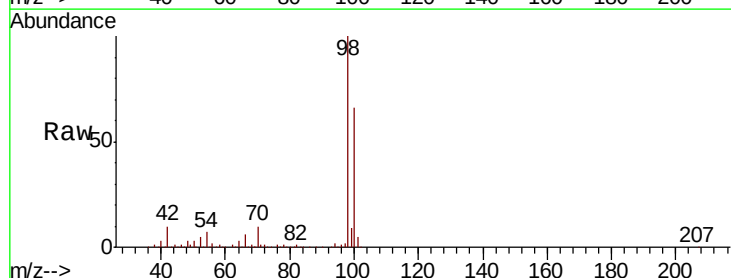


Abundance Ion 88.00 (87.70 to 88.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0

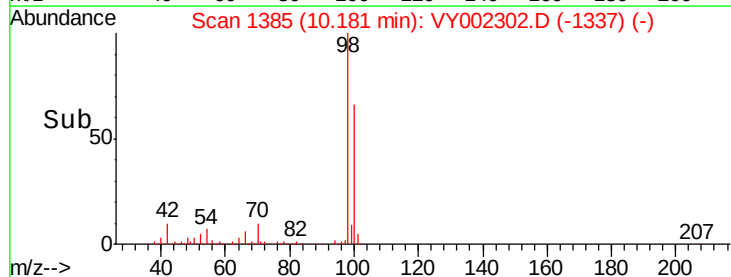
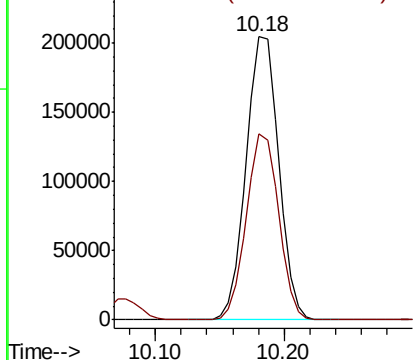


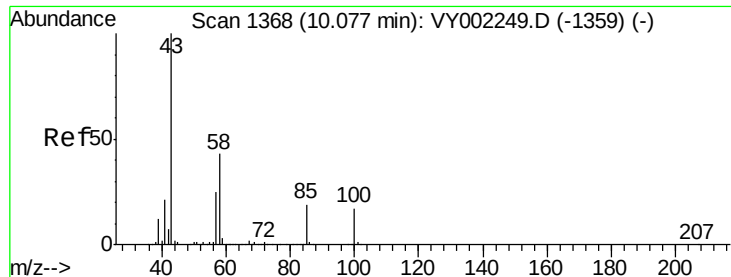
#50
Toluene-d8
Concen: 49.534 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.01 min
Lab File: VY002302.D
Acq: 14 Apr 2020 12:50

Tgt Ion: 98 Resp: 357889
Ion Ratio Lower Upper
98 100
100 65.1 52.6 78.8



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





#51

4-Methyl-2-Pentanone

Concen: 94.058 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. -0.01 min

Lab File: VY002302.D

Acq: 14 Apr 2020 12:50

Instrument :

MSVOA_Y

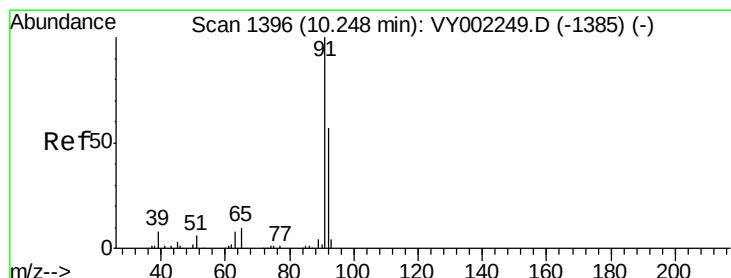
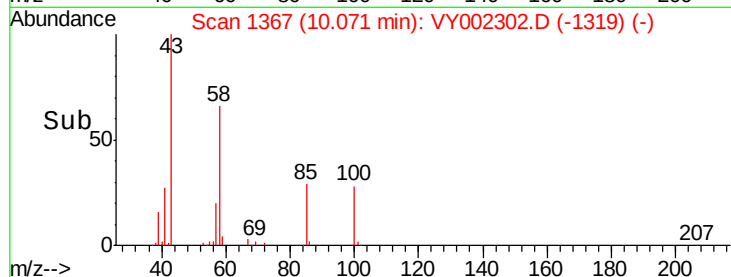
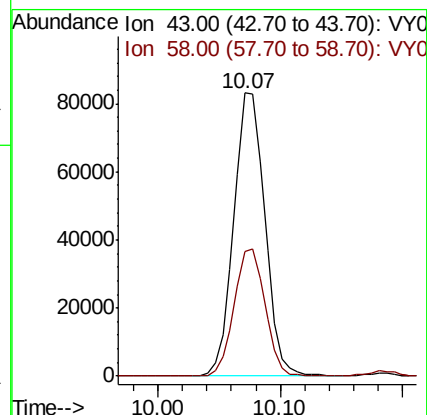
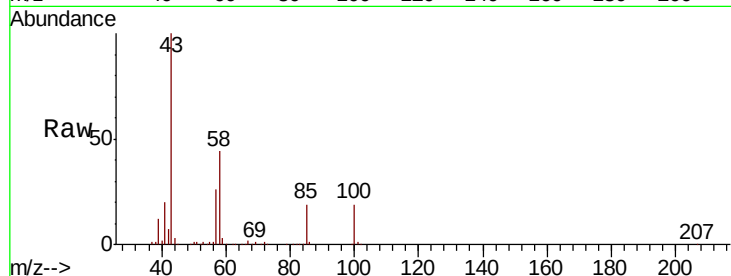
ClientSampleId :

Tot Ion: 43 Resp: 145916

Ion Ratio Lower Upper

43 100

58 44.8 33.8 50.8



#52

Toluene

Concen: 20.306 ug/l

RT: 10.25 min Scan# 1396

Delta R.T. 0.00 min

Lab File: VY002302.D

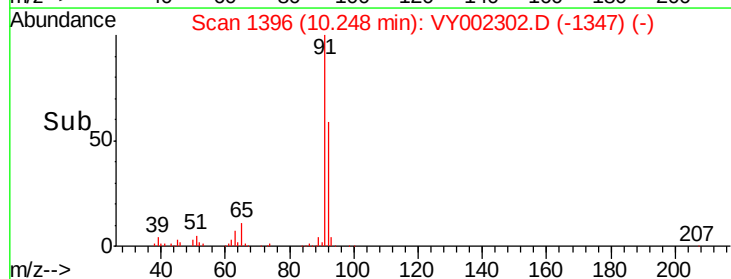
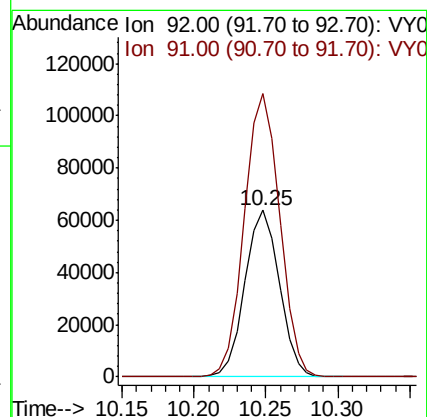
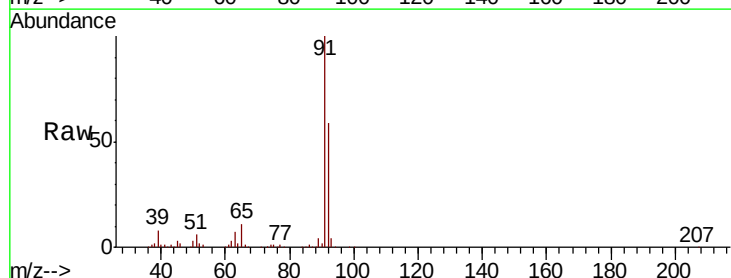
Acq: 14 Apr 2020 12:50

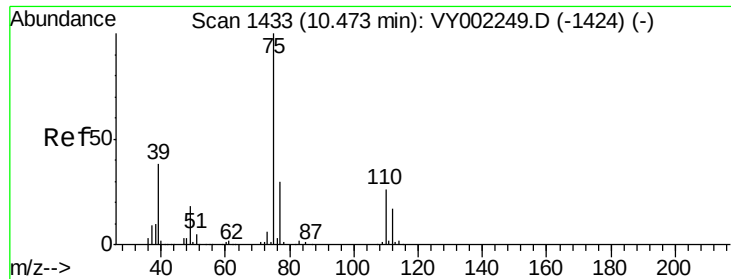
Tgt Ion: 92 Resp: 106093

Ion Ratio Lower Upper

92 100

91 174.2 139.0 208.6





#53

t-1,3-Dichloropropene

Concen: 19.716 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.01 min

Lab File: VY002302.D

Acq: 14 Apr 2020 12:50

Instrument :

MSVOA_Y

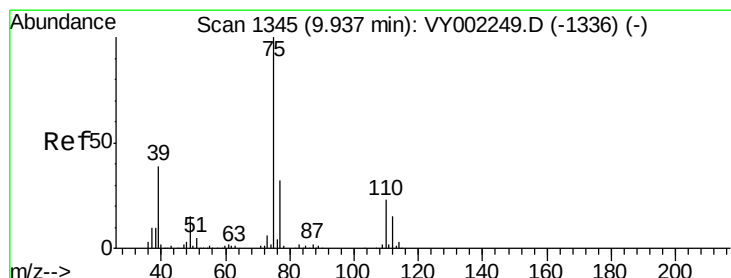
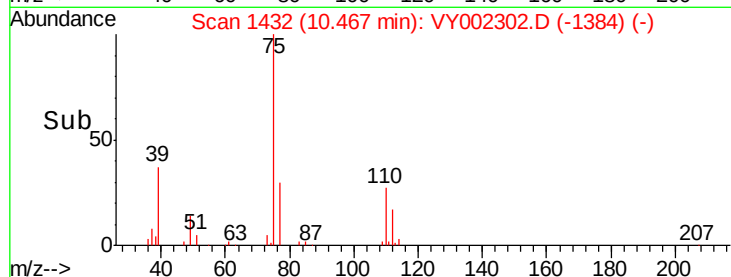
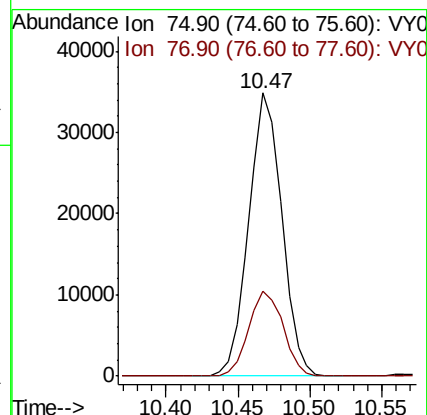
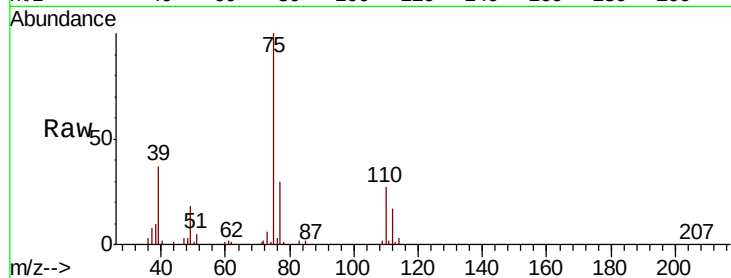
ClientSampleId :

Tot Ion: 75 Resp: 55436

Ion Ratio Lower Upper

75 100

77 30.2 24.2 36.2



#54

cis-1,3-Dichloropropene

Concen: 19.738 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. -0.01 min

Lab File: VY002302.D

Acq: 14 Apr 2020 12:50

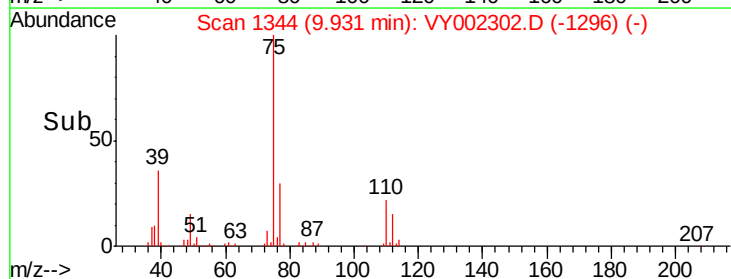
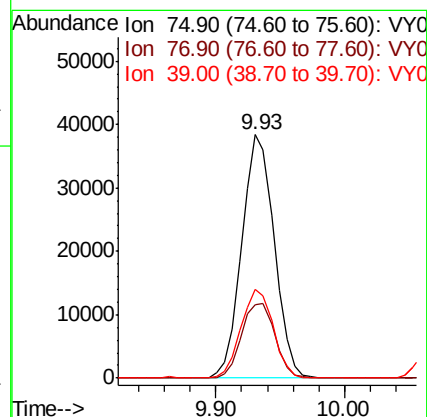
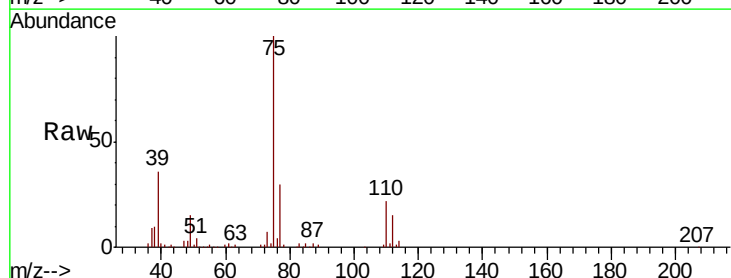
Tgt Ion: 75 Resp: 66723

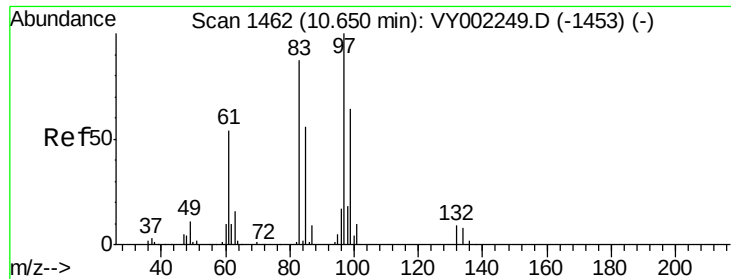
Ion Ratio Lower Upper

75 100

77 29.9 25.8 38.8

39 36.2 30.8 46.2





#55

1,1,2-Trichloroethane

Concen: 20.394 ug/l

RT: 10.65 min Scan# 1462

Delta R.T. 0.00 min

Lab File: VY002302.D

Acq: 14 Apr 2020 12:50

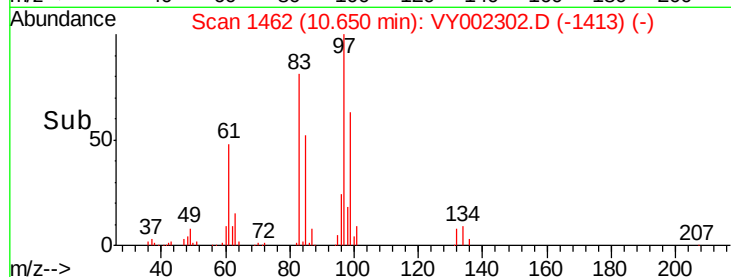
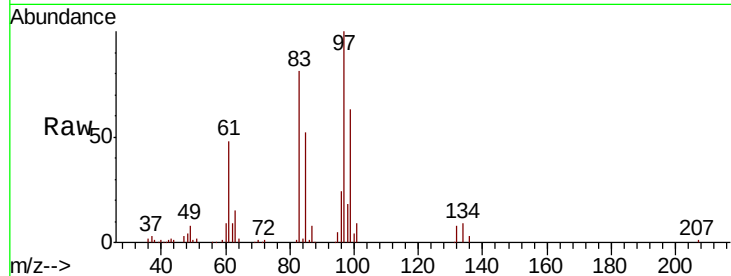
Instrument :

MSVOA_Y

ClientSampleId :

Tot Ion: 97 Resp: 33581

Ion	Ratio	Lower	Upper
97	100		
83	80.7	69.5	104.3
85	51.6	45.2	67.8
99	62.5	50.9	76.3

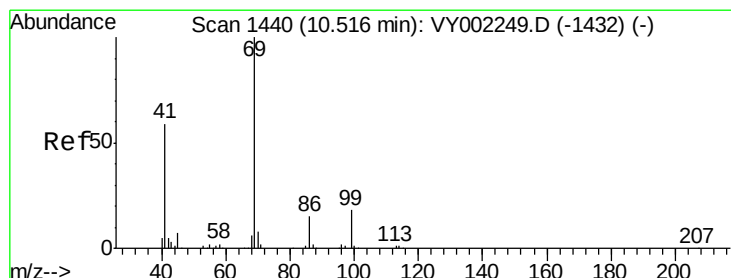
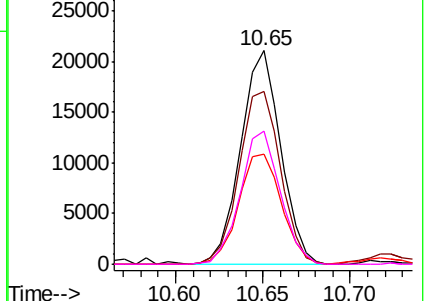


Abundance Ion 96.90 (96.60 to 97.60): VY0

Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

Ion 98.90 (98.60 to 99.60): VY0



#56

Ethyl methacrylate

Concen: 19.653 ug/l

RT: 10.51 min Scan# 1439

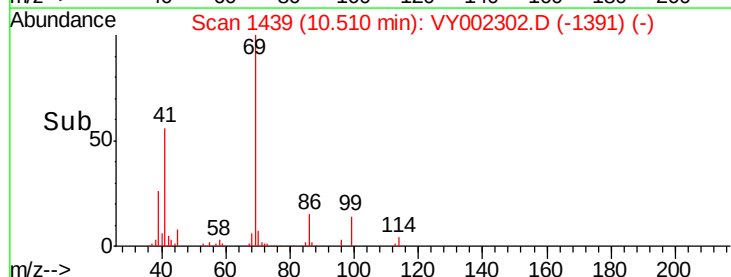
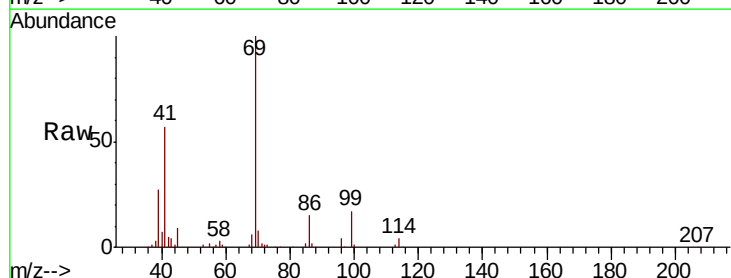
Delta R.T. -0.01 min

Lab File: VY002302.D

Acq: 14 Apr 2020 12:50

Tgt Ion: 69 Resp: 46187

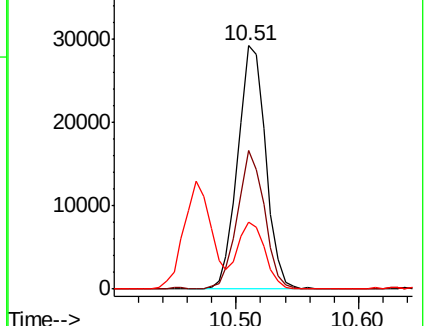
Ion	Ratio	Lower	Upper
69	100		
41	54.2	47.9	71.9
39	26.4	23.8	35.6

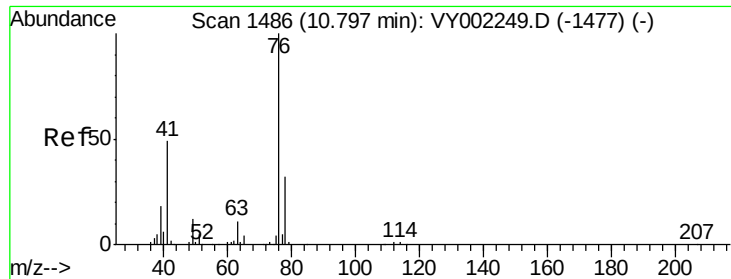


Abundance Ion 69.00 (68.70 to 69.70): VY0

Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0





#57

1,3-Dichloropropane

Concen: 19.760 ug/l

RT: 10.80 min Scan# 1486

Delta R.T. 0.00 min

Lab File: VY002302.D

Acq: 14 Apr 2020 12:50

Instrument :

MSVOA_Y

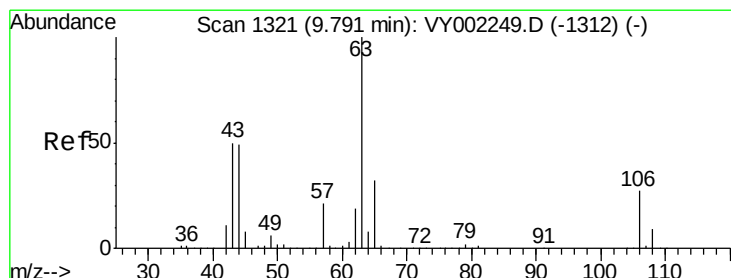
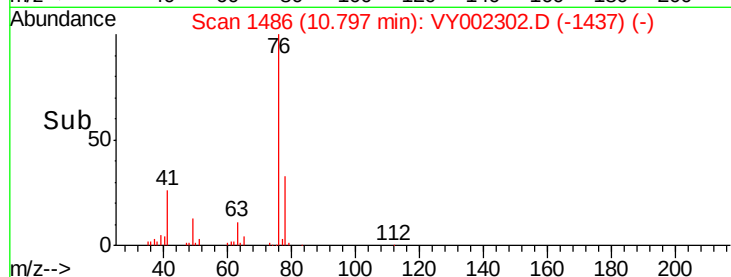
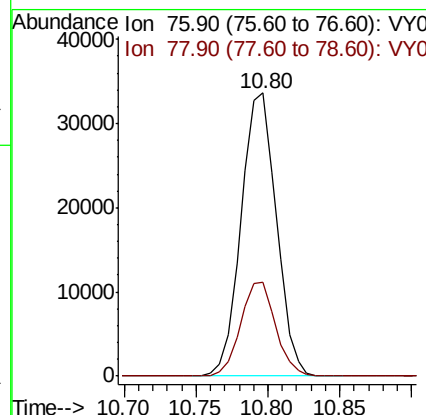
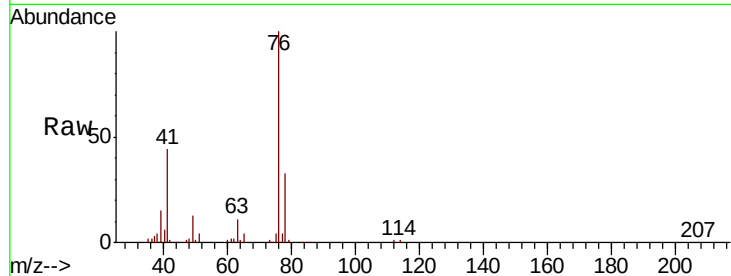
ClientSampleId :

Tot Ion: 76 Resp: 57189

Ion Ratio Lower Upper

76 100

78 32.8 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 99.215 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. -0.01 min

Lab File: VY002302.D

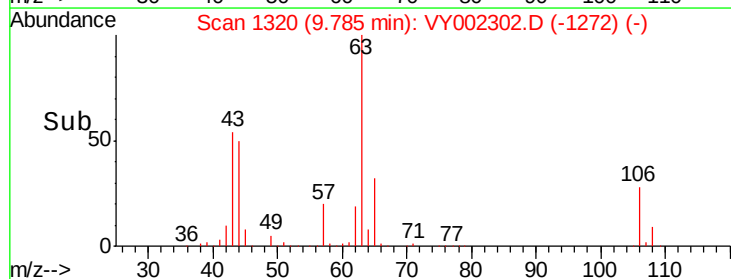
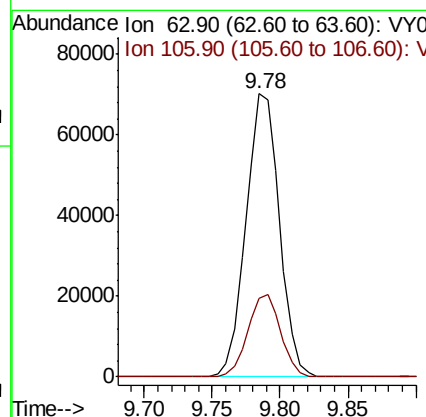
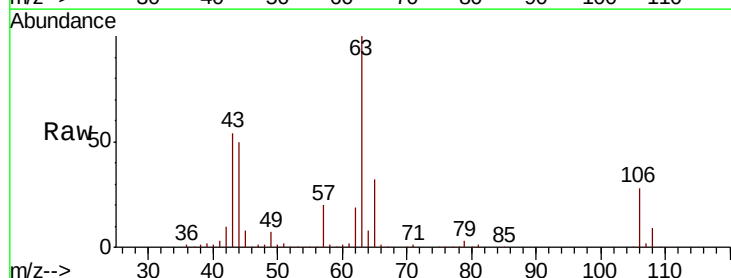
Acq: 14 Apr 2020 12:50

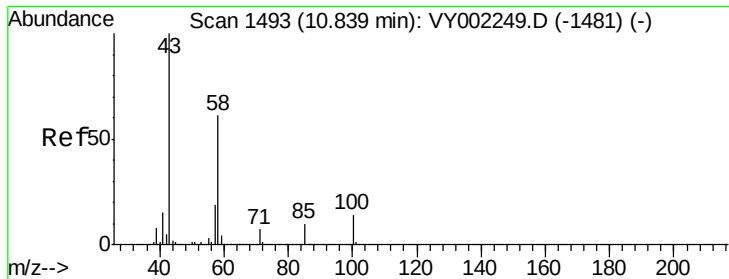
Tgt Ion: 63 Resp: 120745

Ion Ratio Lower Upper

63 100

106 28.4 22.2 33.2

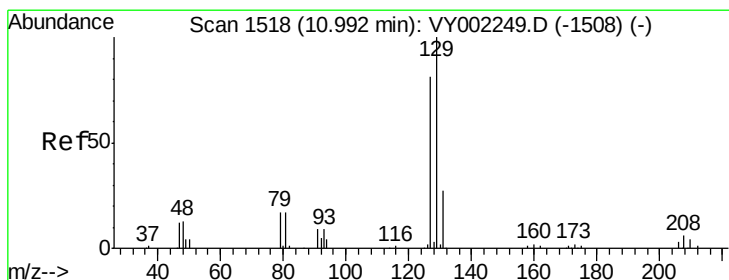
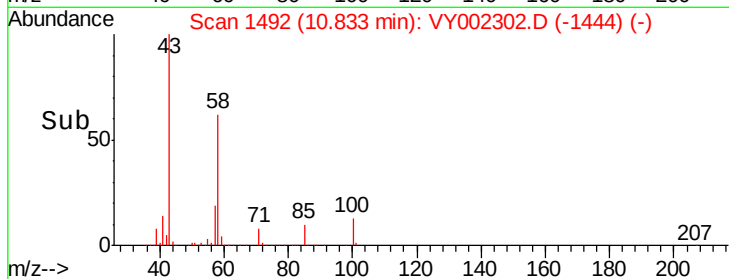
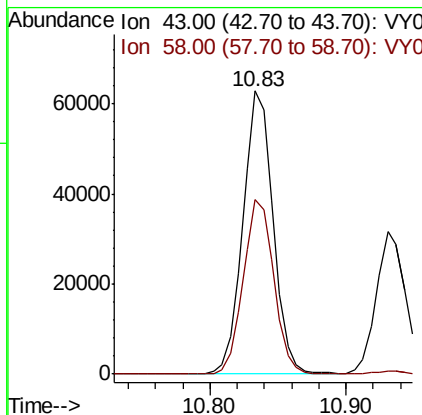
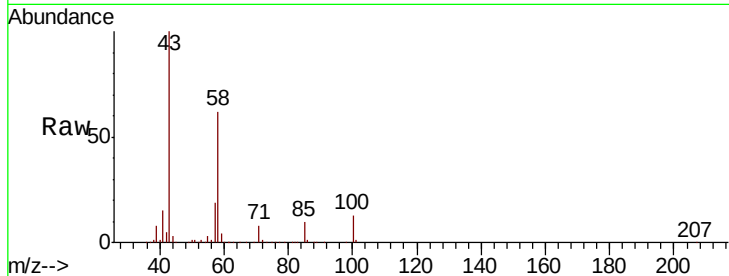




#59
2-Hexanone
Concen: 90.558 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.01 min
Lab File: VY002302.D
Acq: 14 Apr 2020 12:50

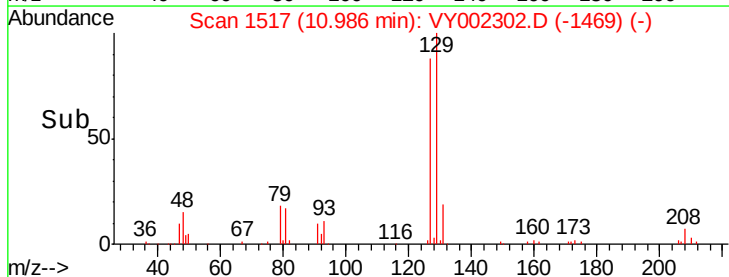
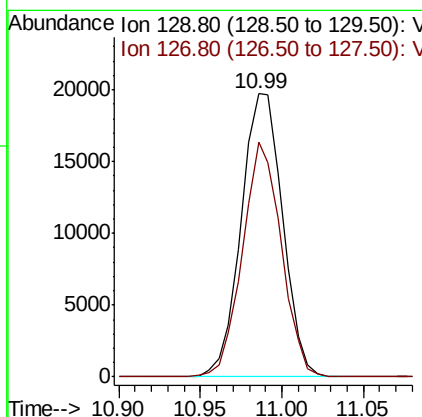
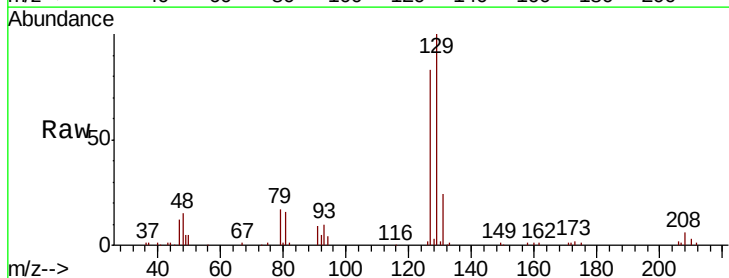
Instrument :
MSVOA_Y
ClientSampleId :

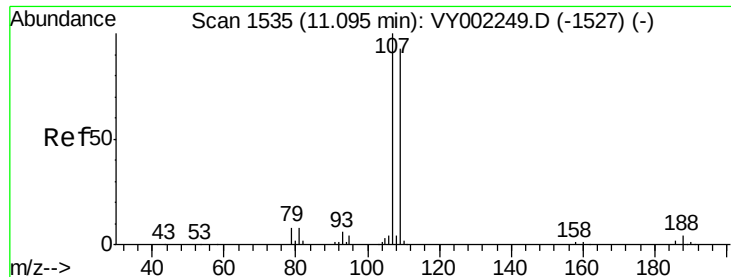
Tot Ion: 43 Resp: 97502
Ion Ratio Lower Upper
43 100
58 62.4 29.8 89.3



#60
Dibromochloromethane
Concen: 19.896 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.01 min
Lab File: VY002302.D
Acq: 14 Apr 2020 12:50

Tgt Ion: 129 Resp: 34933
Ion Ratio Lower Upper
129 100
127 77.6 39.0 117.0

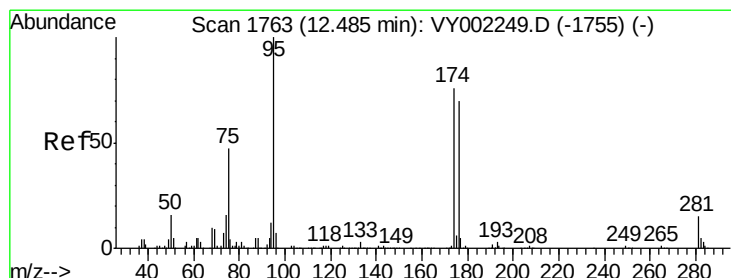
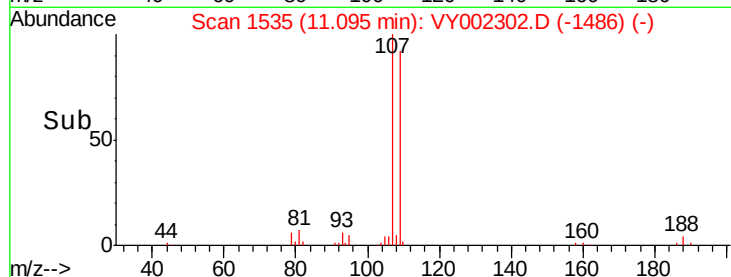
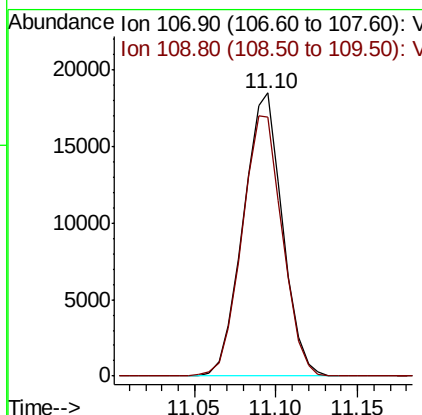
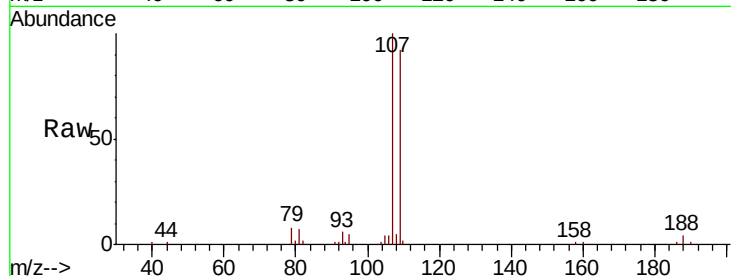




#61
 1,2-Dibromoethane
 Concen: 19.654 ug/l
 RT: 11.10 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VY002302.D
 Acq: 14 Apr 2020 12:50

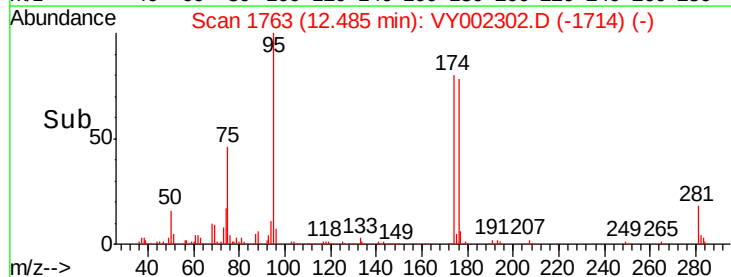
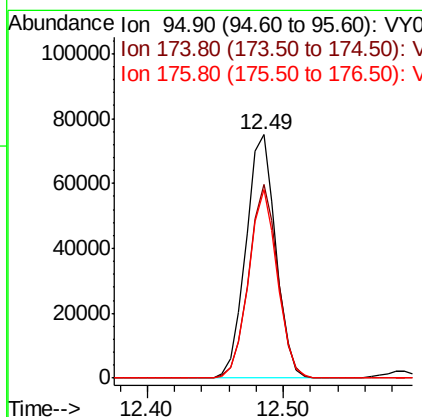
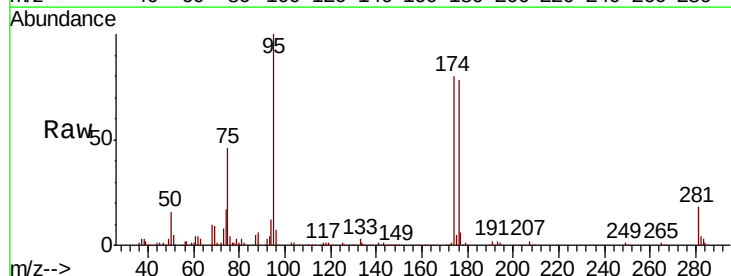
Instrument :
 MSVOA_Y
 ClientSampleId :

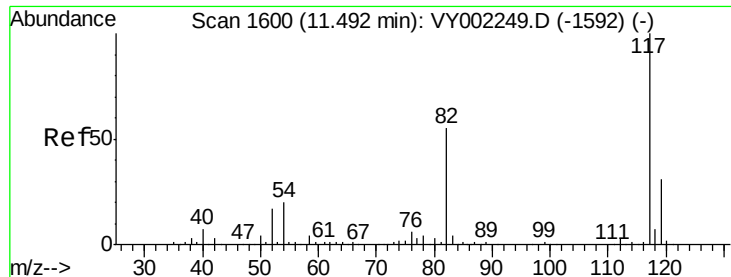
Tot Ion: 107 Resp: 30810
 Ion Ratio Lower Upper
 107 100
 109 94.6 75.6 113.4



#62
 4-Bromofluorobenzene
 Concen: 48.331 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. 0.00 min
 Lab File: VY002302.D
 Acq: 14 Apr 2020 12:50

Tgt Ion: 95 Resp: 115206
 Ion Ratio Lower Upper
 95 100
 174 77.3 0.0 150.6
 176 74.8 0.0 141.4

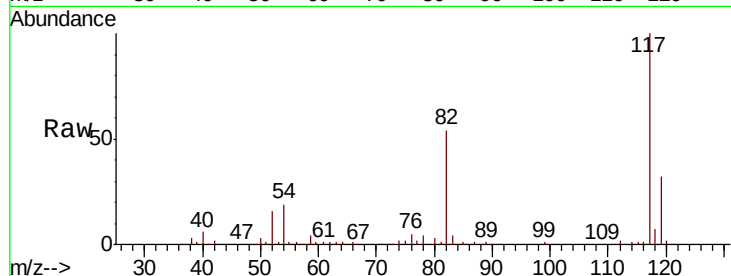




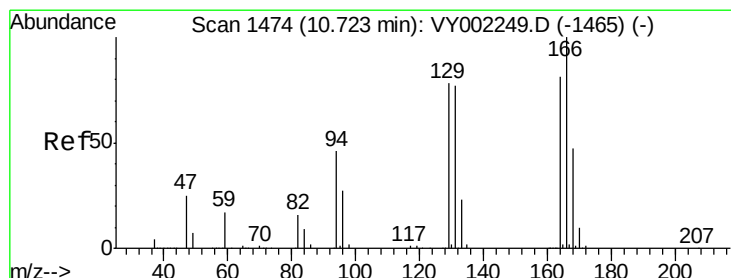
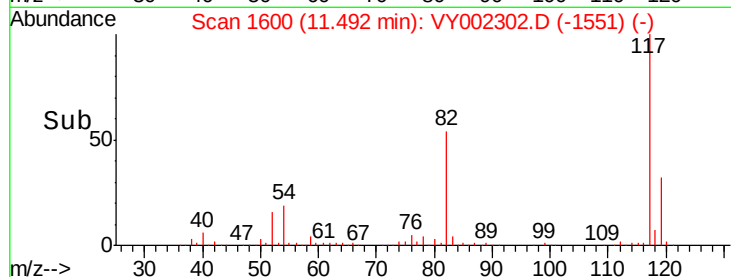
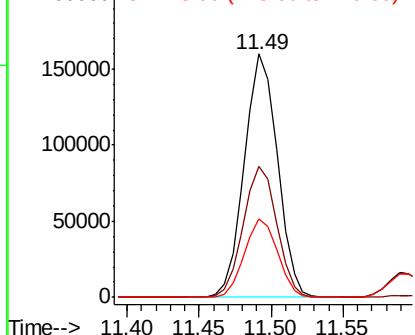
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY002302.D
Acq: 14 Apr 2020 12:50

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:117 Resp: 254593
Ion Ratio Lower Upper
117 100
82 54.0 44.2 66.4
119 32.0 25.1 37.7

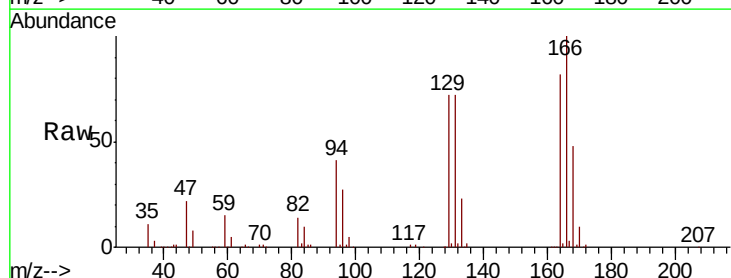


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

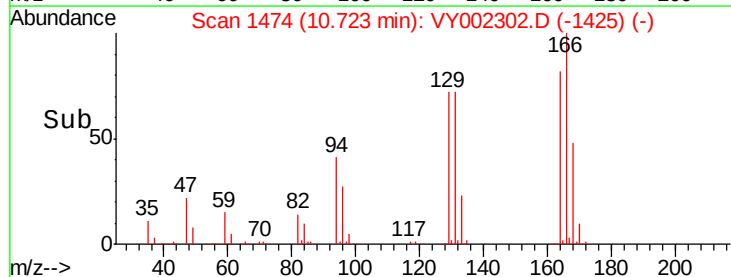
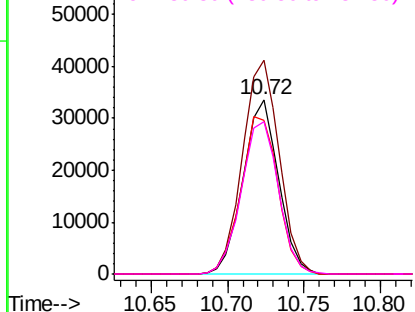


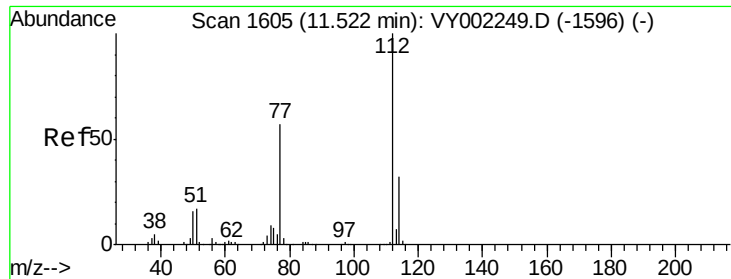
#64
Tetrachloroethene
Concen: 21.049 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VY002302.D
Acq: 14 Apr 2020 12:50

Tgt Ion:164 Resp: 54180
Ion Ratio Lower Upper
164 100
166 122.5 98.4 147.6
129 88.3 76.6 115.0
131 87.7 75.4 113.2



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 21.156 ug/l

RT: 11.52 min Scan# 1604

Delta R.T. -0.01 min

Lab File: VY002302.D

Acq: 14 Apr 2020 12:50

Instrument :

MSVOA_Y

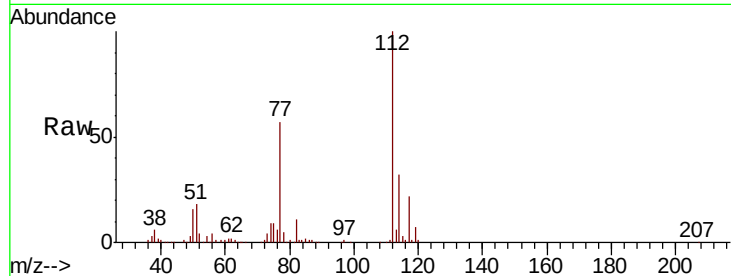
ClientSampleId :

Tot Ion:112 Resp: 111962

Ion Ratio Lower Upper

112 100

114 32.5 25.6 38.4



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

11.52

60000

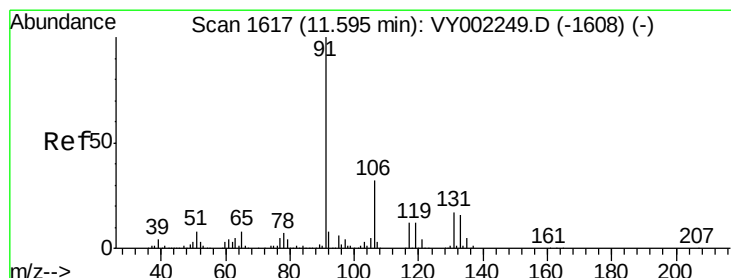
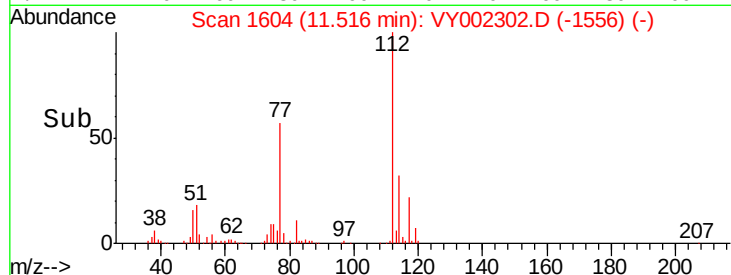
40000

20000

0

11.50 11.60

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 20.744 ug/l

RT: 11.60 min Scan# 1617

Delta R.T. 0.00 min

Lab File: VY002302.D

Acq: 14 Apr 2020 12:50

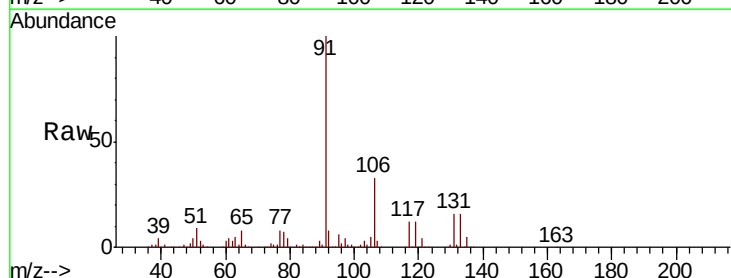
Tgt Ion:131 Resp: 36245

Ion Ratio Lower Upper

131 100

133 96.6 46.5 139.3

119 70.9 34.5 103.6



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

60000

50000

40000

30000

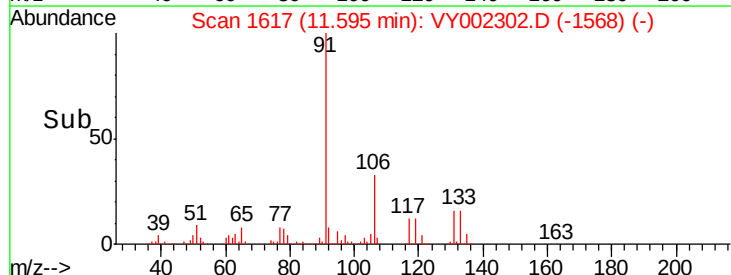
20000

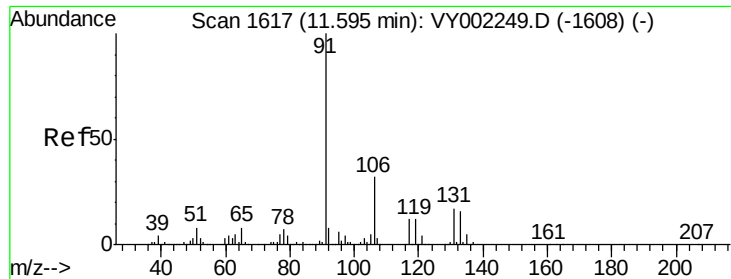
10000

0

11.50 11.55 11.60 11.65

Time-->

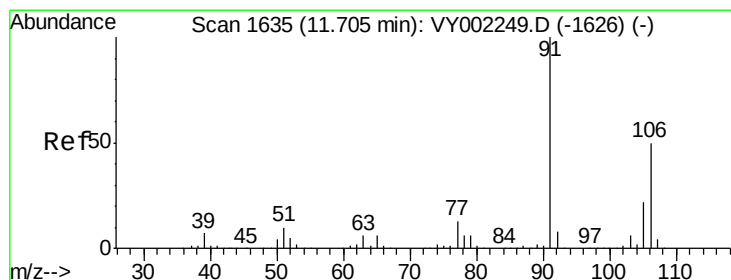
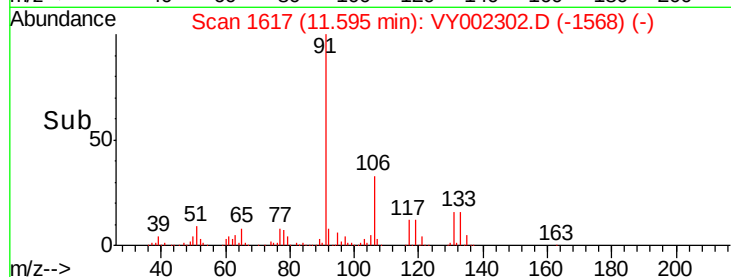
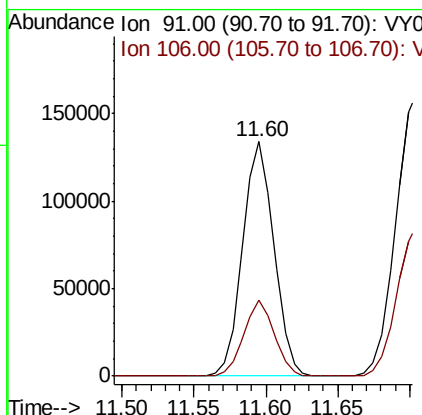
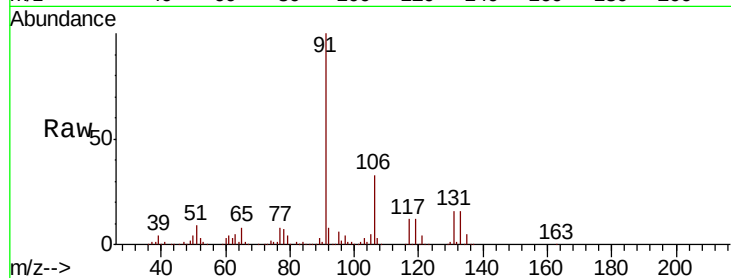




#67
Ethyl Benzene
Concen: 20.780 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. 0.00 min
Lab File: VY002302.D
Acq: 14 Apr 2020 12:50

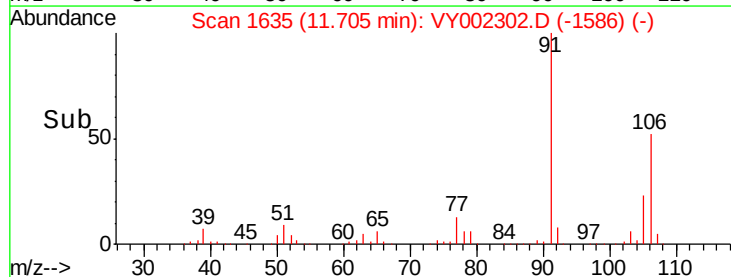
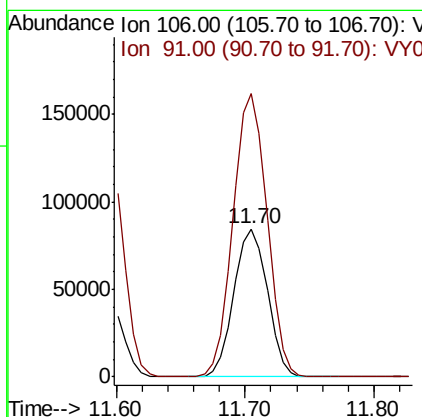
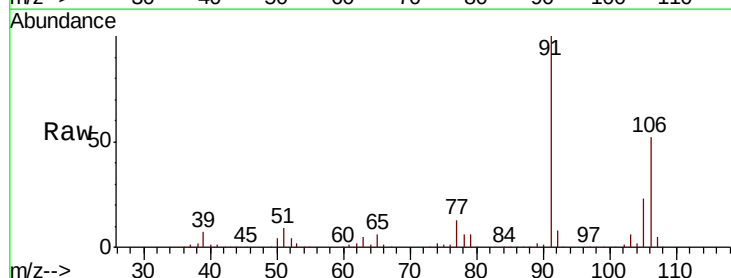
Instrument :
MSVOA_Y
ClientSampled :

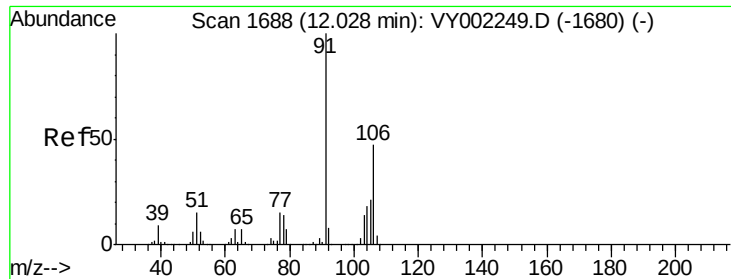
Tot Ion: 91 Resp: 201324
Ion Ratio Lower Upper
91 100
106 32.7 25.4 38.0



#68
m/p-Xylenes
Concen: 42.363 ug/l
RT: 11.70 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VY002302.D
Acq: 14 Apr 2020 12:50

Tgt Ion: 106 Resp: 153725
Ion Ratio Lower Upper
106 100
91 192.6 159.8 239.6

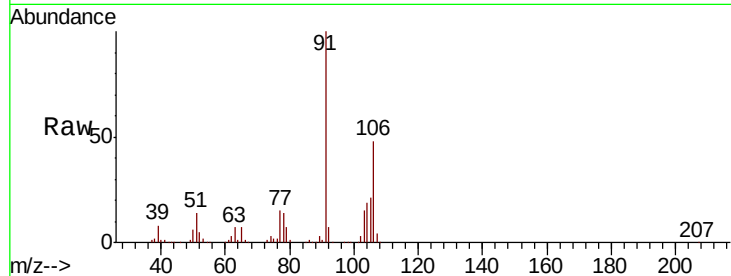




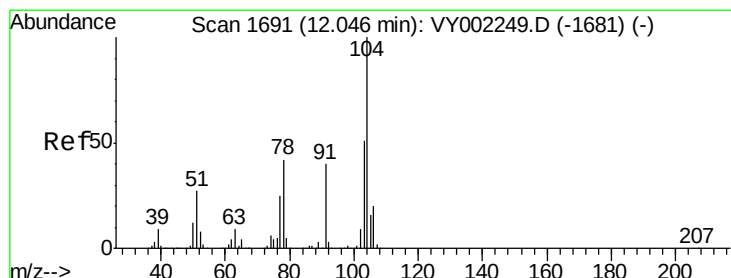
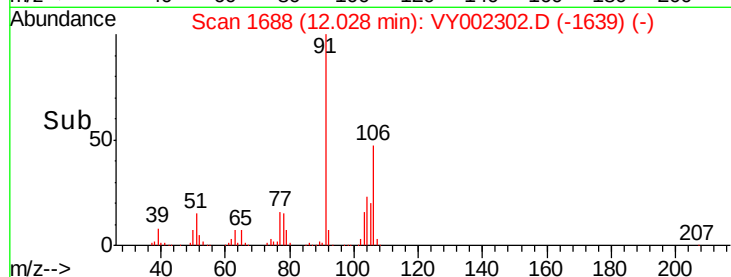
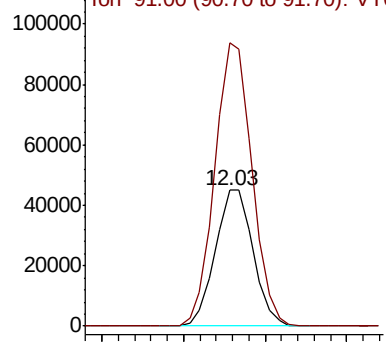
#69
o-Xylene
Concen: 21.236 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY002302.D
Acq: 14 Apr 2020 12:50

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:106 Resp: 72348
Ion Ratio Lower Upper
106 100
91 205.6 105.8 317.3

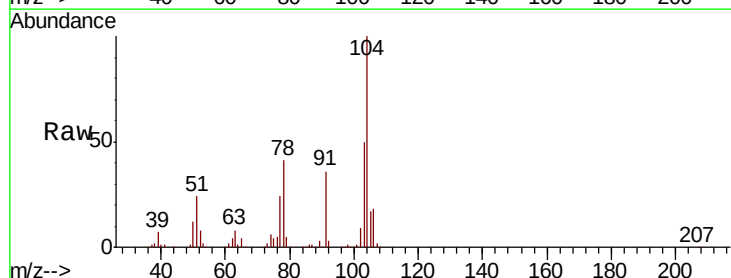


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VY0

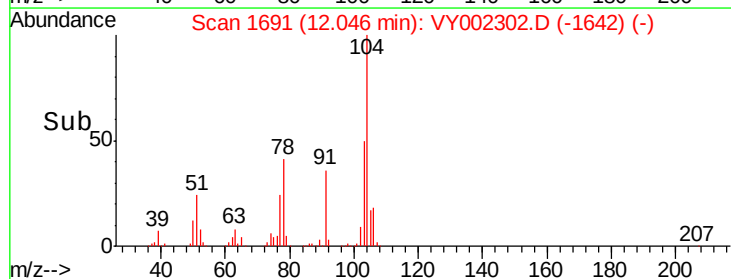
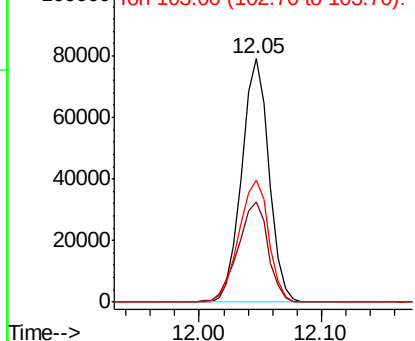


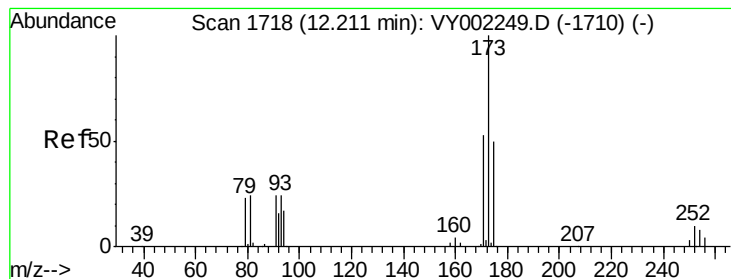
#70
Styrene
Concen: 20.743 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.00 min
Lab File: VY002302.D
Acq: 14 Apr 2020 12:50

Tgt Ion:104 Resp: 122603
Ion Ratio Lower Upper
104 100
78 45.3 37.2 55.8
103 54.8 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: 20.500 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. 0.00 min

Lab File: VY002302.D

Acq: 14 Apr 2020 12:50

Instrument :

MSVOA_Y

ClientSampleId :

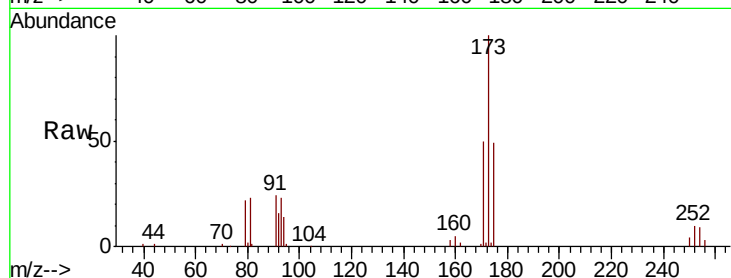
Tot Ion:173 Resp: 19479

Ion Ratio Lower Upper

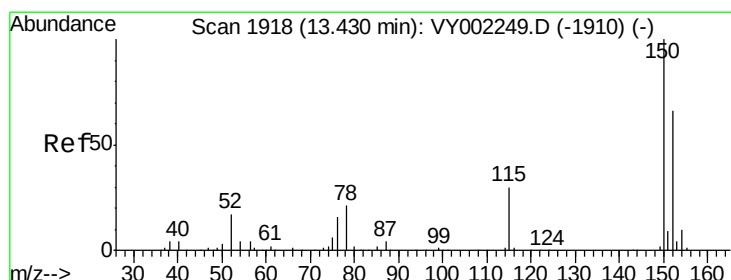
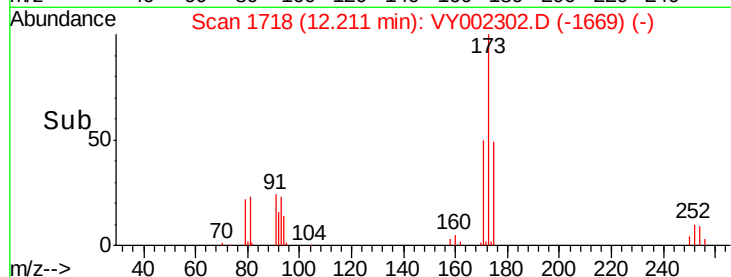
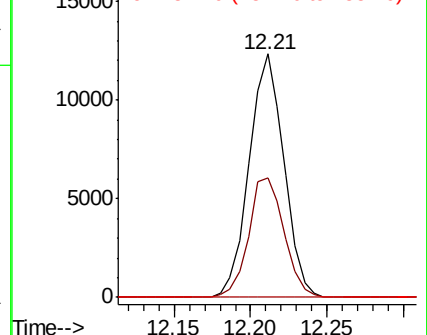
173 100

175 49.9 24.1 72.3

254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.43 min Scan# 1918

Delta R.T. 0.00 min

Lab File: VY002302.D

Acq: 14 Apr 2020 12:50

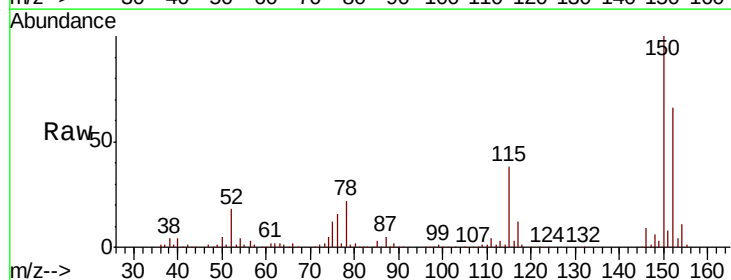
Tgt Ion:152 Resp: 119451

Ion Ratio Lower Upper

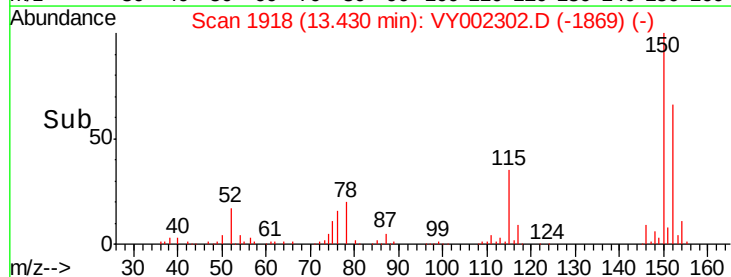
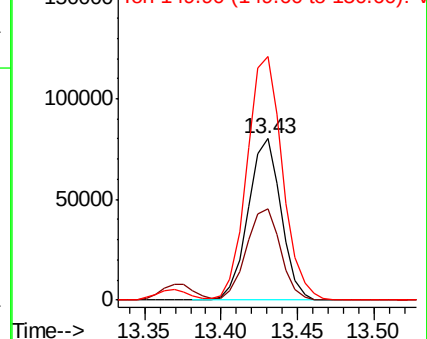
152 100

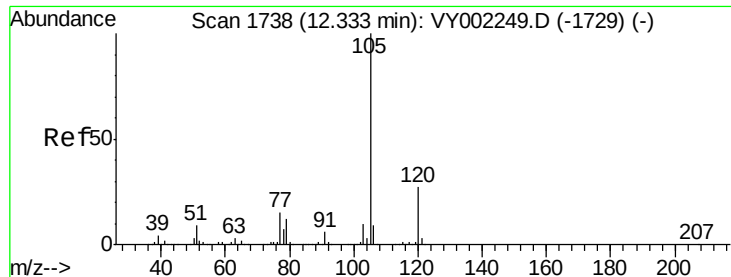
115 59.1 30.7 92.1

150 163.6 0.0 350.6



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.339 ug/l

RT: 12.33 min Scan# 1738

Delta R.T. 0.00 min

Lab File: VY002302.D

Acq: 14 Apr 2020 12:50

Instrument :

MSVOA_Y

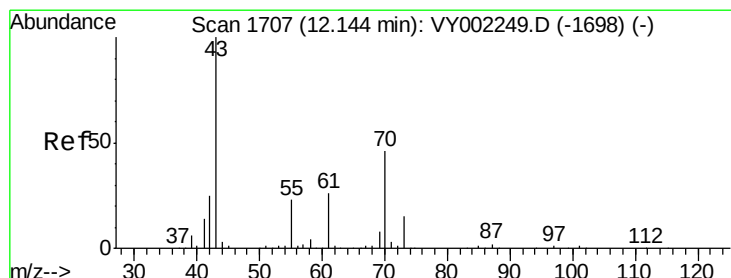
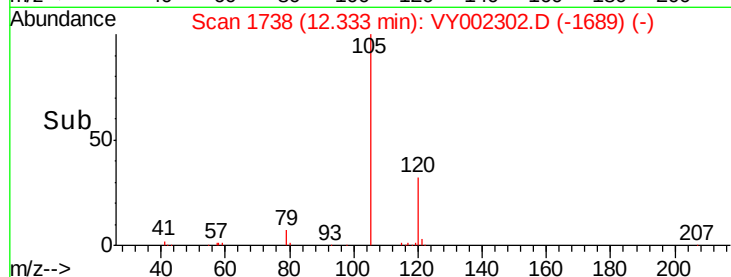
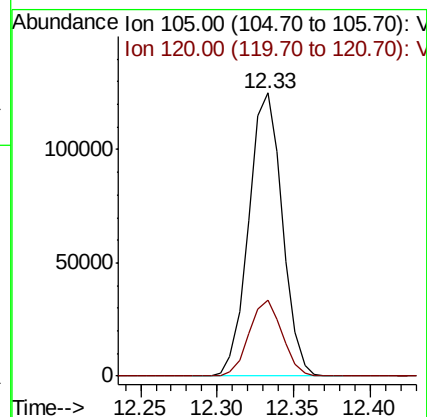
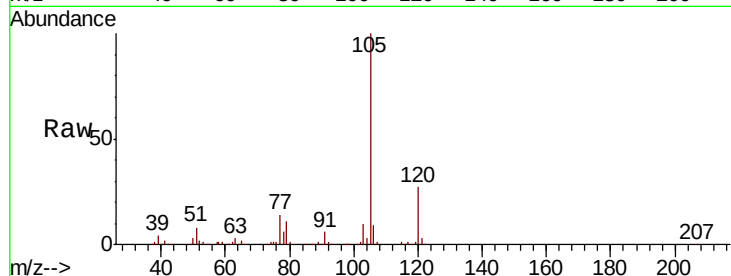
ClientSampleId :

Tot Ion:105 Resp: 190867

Ion Ratio Lower Upper

105 100

120 26.4 13.3 39.8



#74

N-ethyl acetate

Concen: 18.119 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VY002302.D

Acq: 14 Apr 2020 12:50

Tgt Ion: 43 Resp: 48267

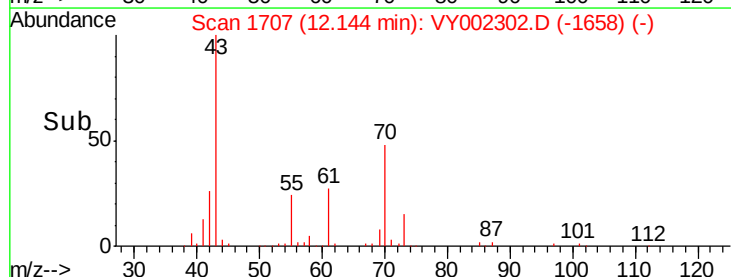
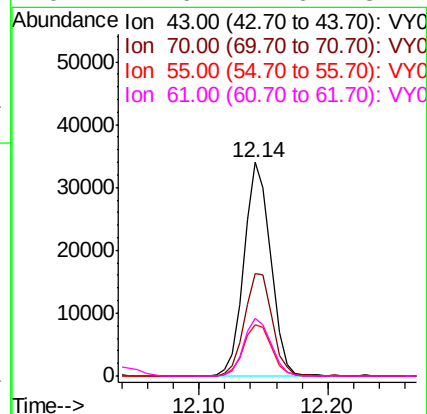
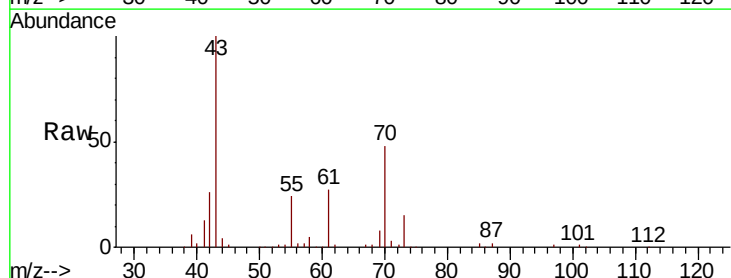
Ion Ratio Lower Upper

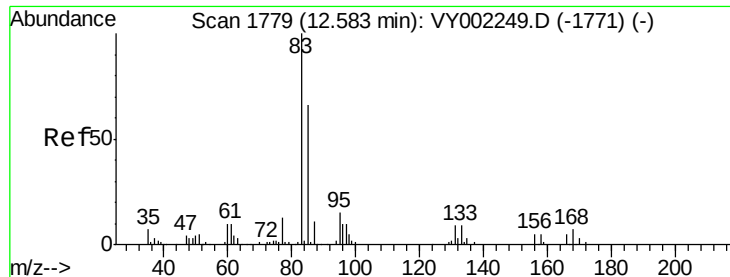
43 100

70 49.8 37.5 56.3

55 25.3 19.0 28.6

61 27.6 21.6 32.4





#75

1,1,2,2-Tetrachloroethane

Concen: 21.660 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY002302.D

Acq: 14 Apr 2020 12:50

Instrument :

MSVOA_Y

ClientSampleId :

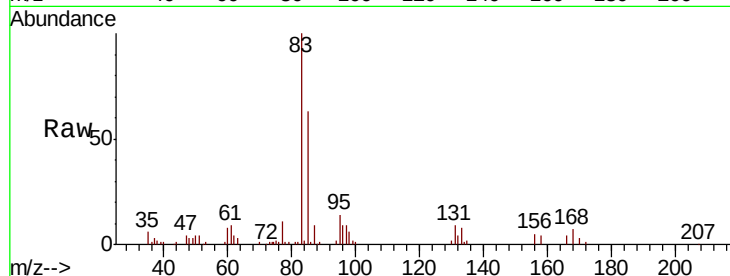
Tot Ion: 83 Resp: 24592

Ion Ratio Lower Upper

83 100

131 9.3 4.9 14.7

85 63.5 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

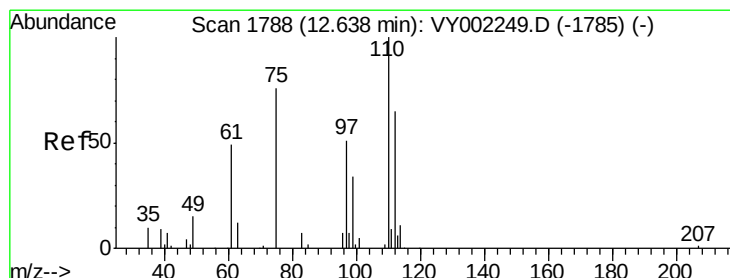
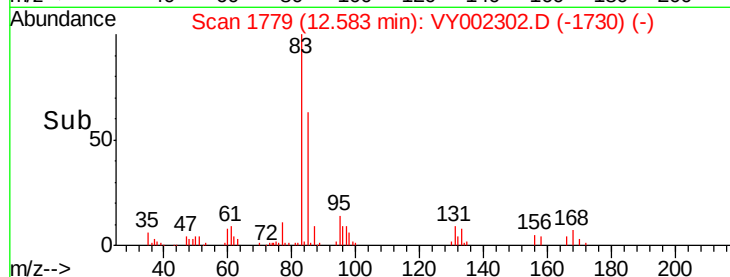
15000

10000

5000

0

Time-->



#76

1,2,3-Trichloropropane

Concen: 35.090 ug/l

RT: 12.64 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VY002302.D

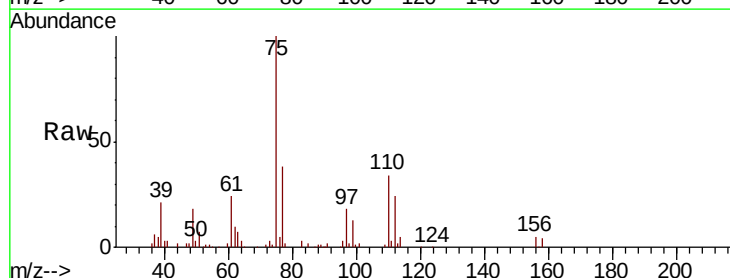
Acq: 14 Apr 2020 12:50

Tgt Ion: 75 Resp: 48673

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

50000

40000

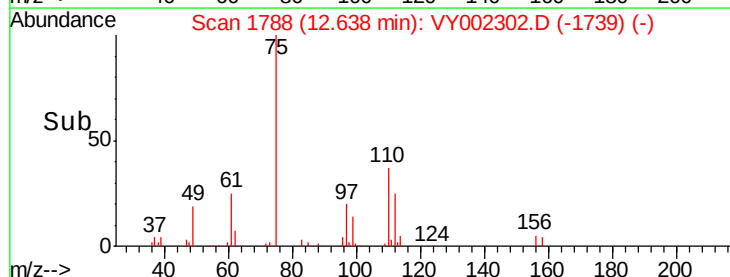
30000

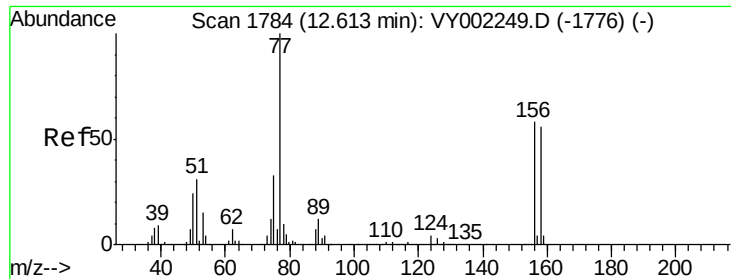
20000

10000

0

Time-->





#77

Bromobenzene

Concen: 20.573 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.01 min

Lab File: VY002302.D

Acq: 14 Apr 2020 12:50

Instrument :

MSVOA_Y

ClientSampleId :

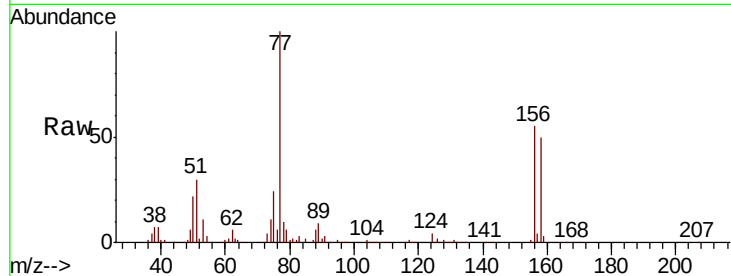
Tot Ion:156 Resp: 42475

Ion Ratio Lower Upper

156 100

77 196.0 101.3 303.9

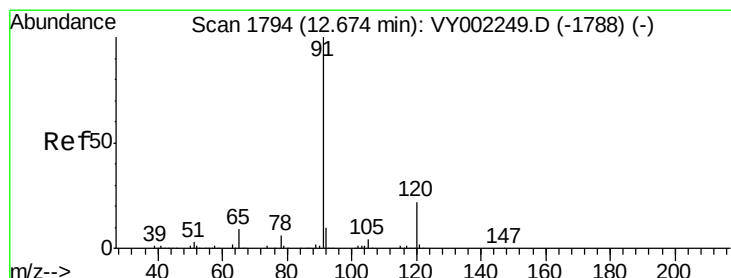
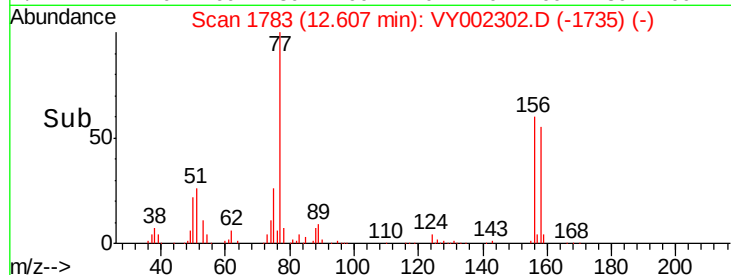
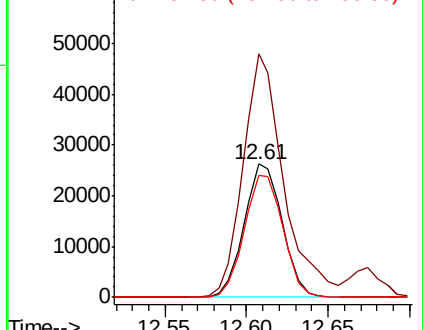
158 93.0 48.3 144.8



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: 19.888 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. 0.00 min

Lab File: VY002302.D

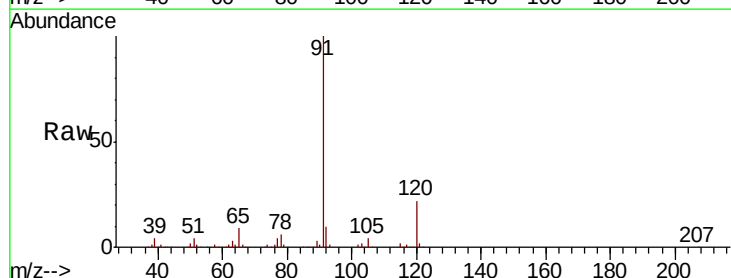
Acq: 14 Apr 2020 12:50

Tgt Ion: 91 Resp: 232122

Ion Ratio Lower Upper

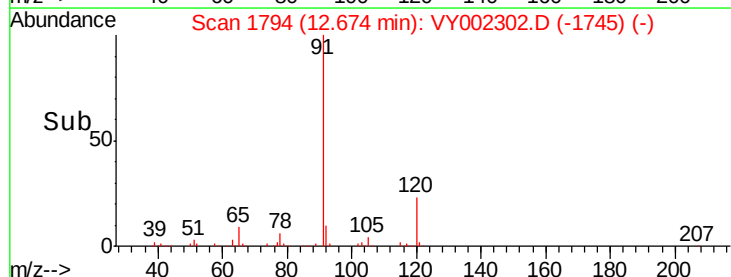
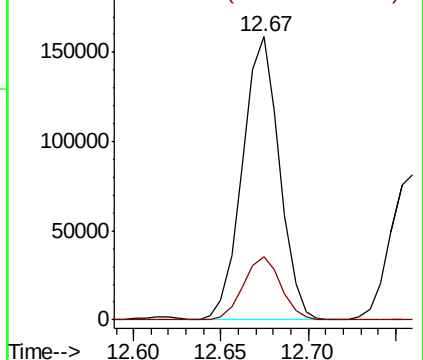
91 100

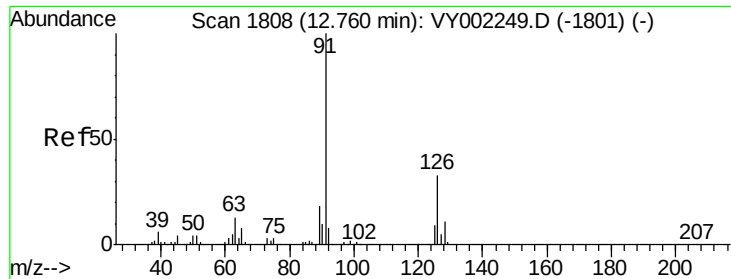
120 22.7 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

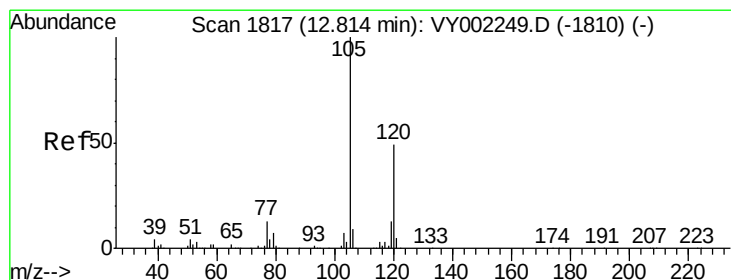
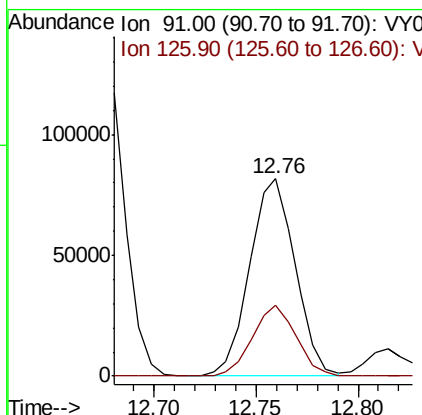
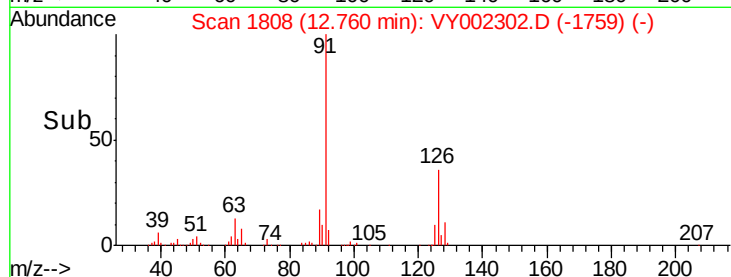
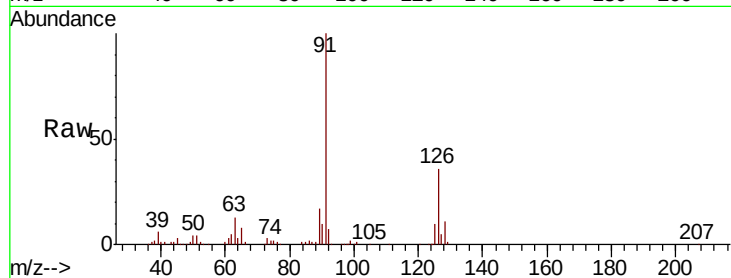




#79
2-Chlorotoluene
Concen: 19.899 ug/l
RT: 12.76 min Scan# 1808
Delta R.T. 0.00 min
Lab File: VY002302.D
Acq: 14 Apr 2020 12:50

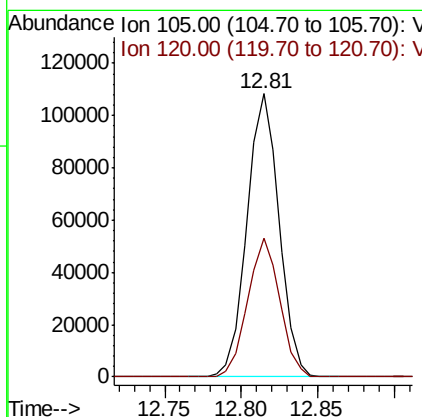
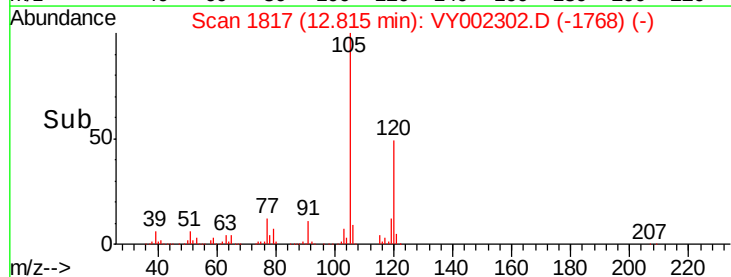
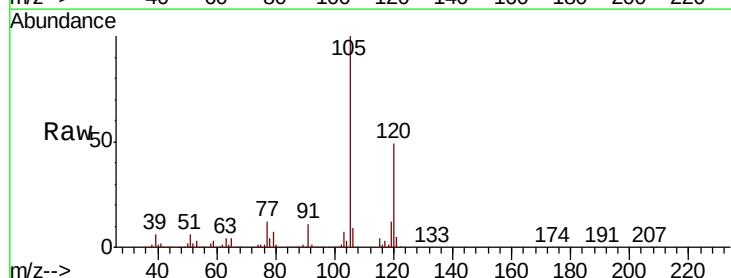
Instrument :
MSVOA_Y
ClientSampled :

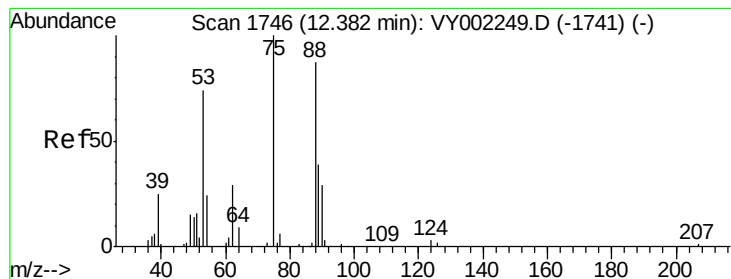
Tot Ion: 91 Resp: 126210
Ion Ratio Lower Upper
91 100
126 34.7 16.9 50.7



#80
1,3,5-Trimethylbenzene
Concen: 20.297 ug/l
RT: 12.81 min Scan# 1817
Delta R.T. 0.00 min
Lab File: VY002302.D
Acq: 14 Apr 2020 12:50

Tgt Ion: 105 Resp: 157523
Ion Ratio Lower Upper
105 100
120 49.0 24.7 74.1





#81

trans-1,4-Dichloro-2-butene

Concen: 18.994 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. 0.00 min

Lab File: VY002302.D

Acq: 14 Apr 2020 12:50

Instrument :

MSVOA_Y

ClientSampleId :

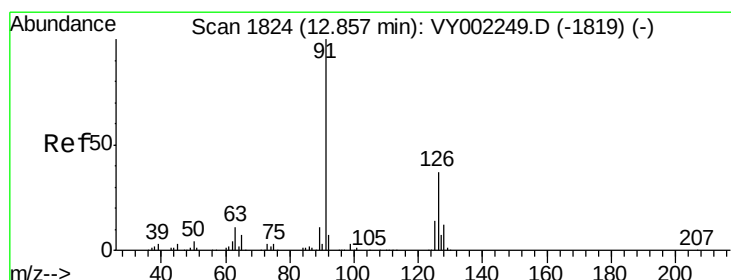
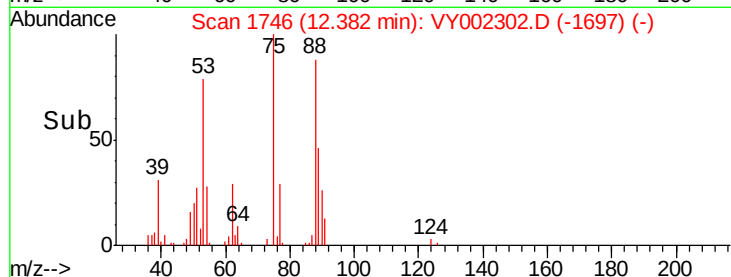
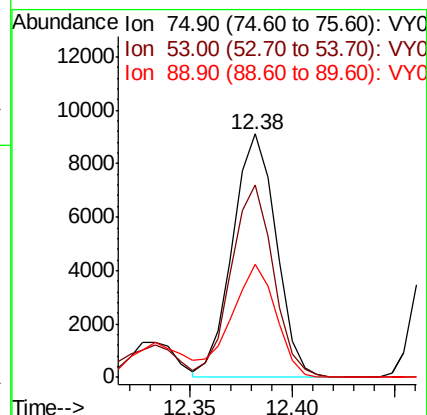
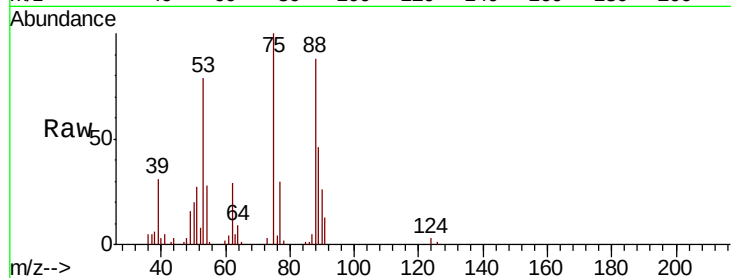
Tot Ion: 75 Resp: 13546

Ion Ratio Lower Upper

75 100

53 76.7 59.8 89.8

89 47.6 37.0 55.6



#82

4-Chlorotoluene

Concen: 19.987 ug/l

RT: 12.86 min Scan# 1824

Delta R.T. 0.00 min

Lab File: VY002302.D

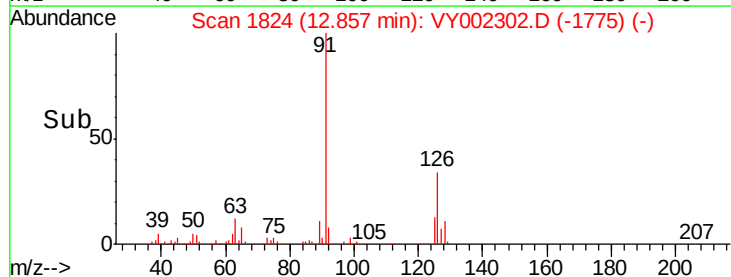
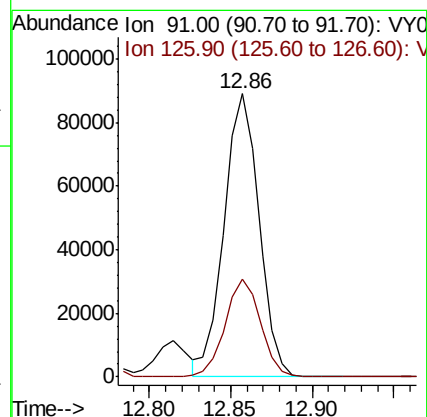
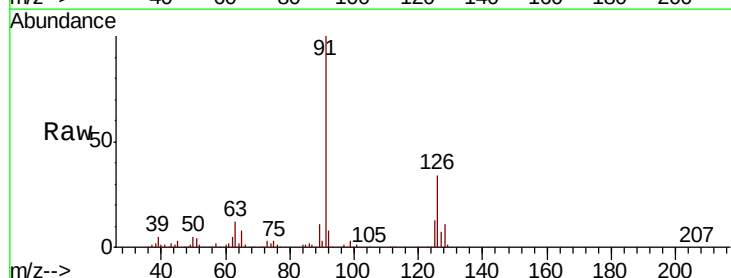
Acq: 14 Apr 2020 12:50

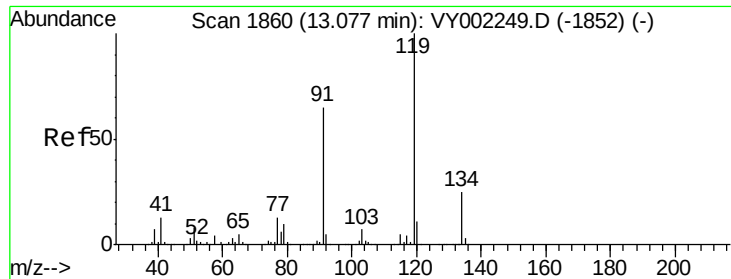
Tgt Ion: 91 Resp: 132867

Ion Ratio Lower Upper

91 100

126 34.8 16.9 50.7

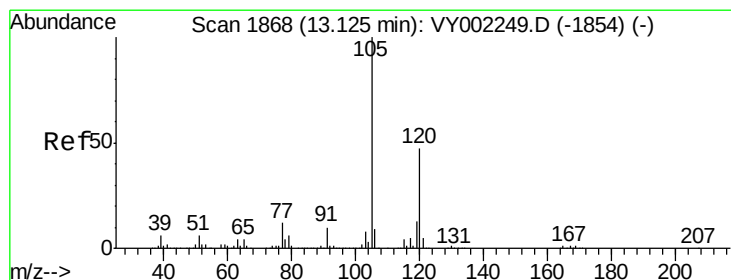
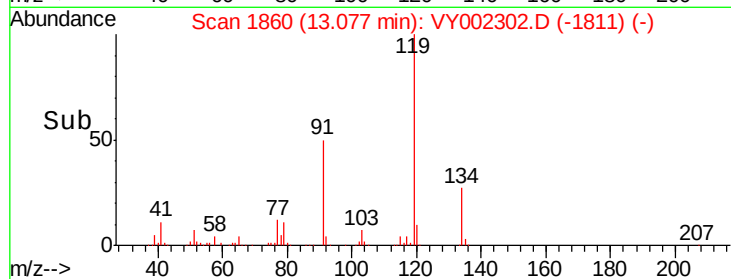
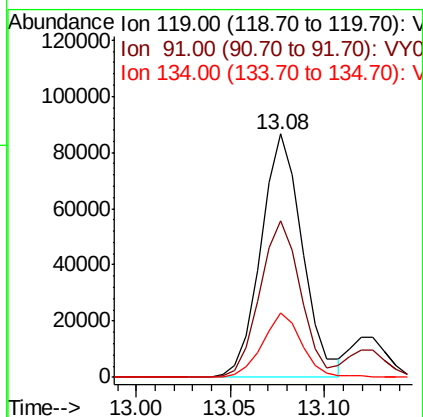
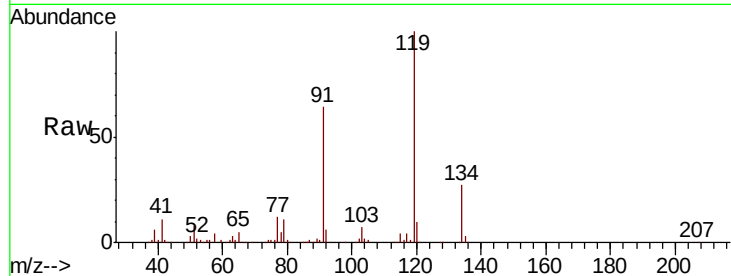




#83
 tert-Butylbenzene
 Concen: 20.341 ug/l
 RT: 13.08 min Scan# 1860
 Delta R.T. 0.00 min
 Lab File: VY002302.D
 Acq: 14 Apr 2020 12:50

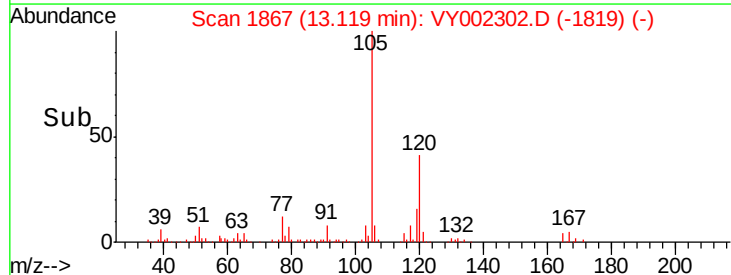
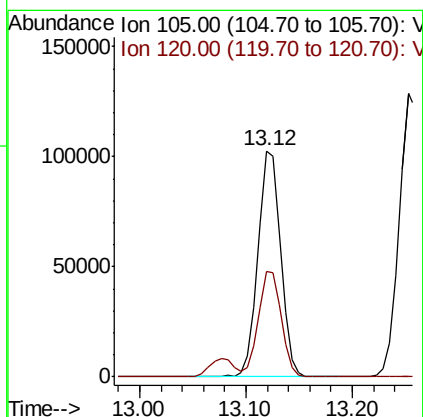
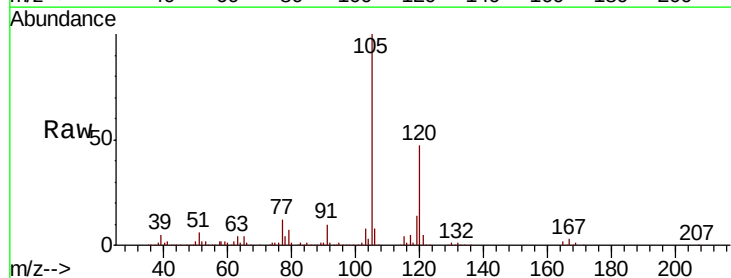
Instrument :
 MSVOA_Y
 ClientSampled :

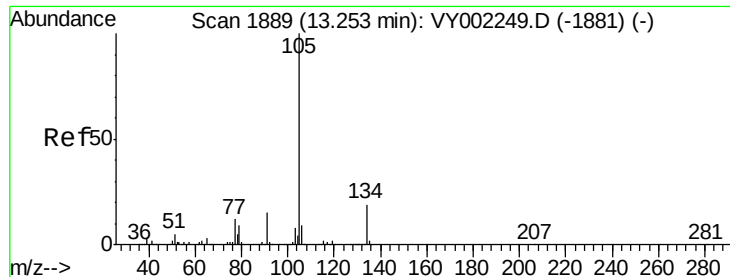
Tot Ion:119 Resp: 132231
 Ion Ratio Lower Upper
 119 100
 91 63.0 32.4 97.0
 134 25.3 12.6 37.6



#84
 1,2,4-Trimethylbenzene
 Concen: 20.044 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. -0.01 min
 Lab File: VY002302.D
 Acq: 14 Apr 2020 12:50

Tgt Ion:105 Resp: 155336
 Ion Ratio Lower Upper
 105 100
 120 46.6 23.1 69.2





#85

sec-Butylbenzene

Concen: 20.203 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VY002302.D

Acq: 14 Apr 2020 12:50

Instrument :

MSVOA_Y

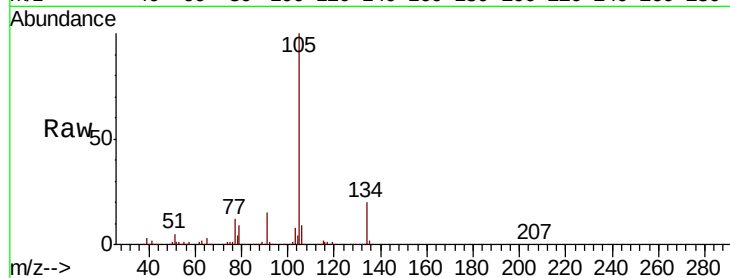
ClientSampled :

Tot Ion:105 Resp: 195646

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

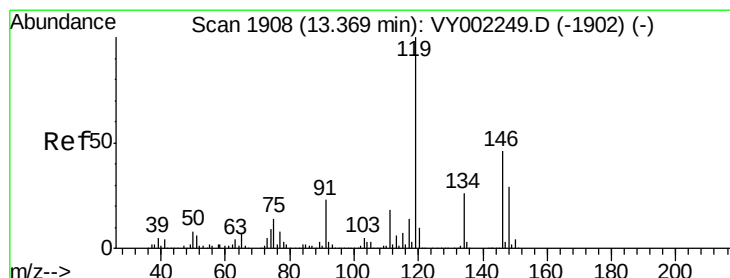
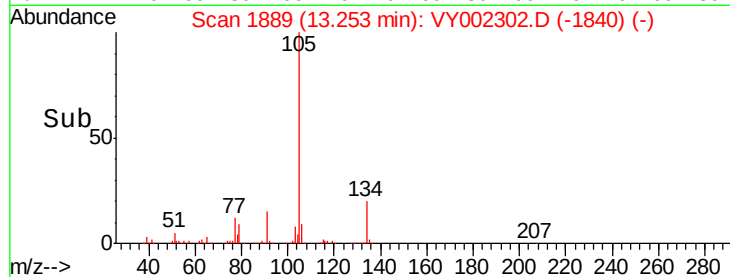
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 20.255 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY002302.D

Acq: 14 Apr 2020 12:50

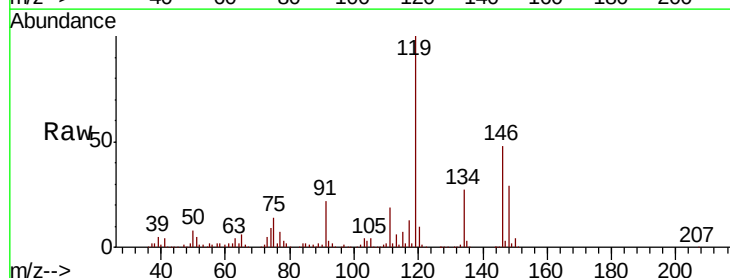
Tgt Ion:119 Resp: 168819

Ion Ratio Lower Upper

119 100

134 26.8 13.3 39.9

91 22.4 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

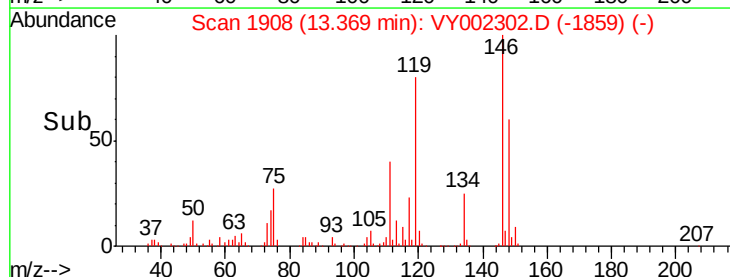
150000

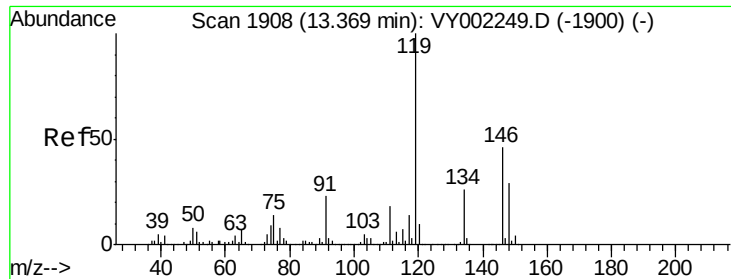
100000

50000

0

Time-->

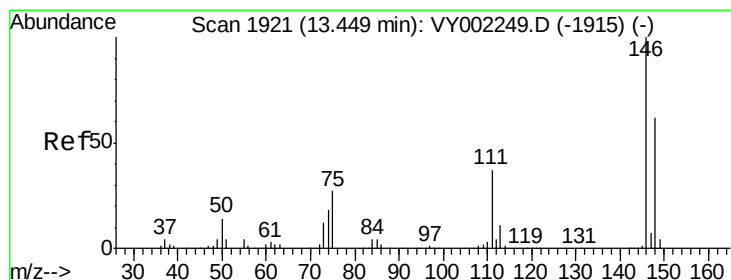
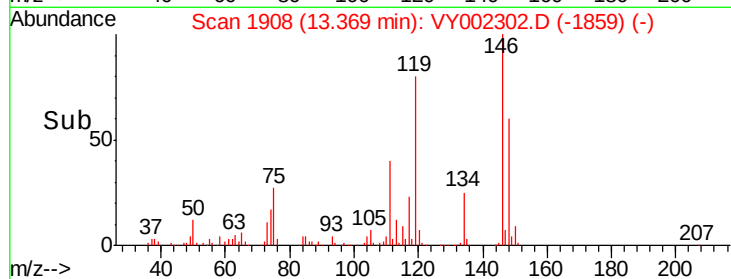
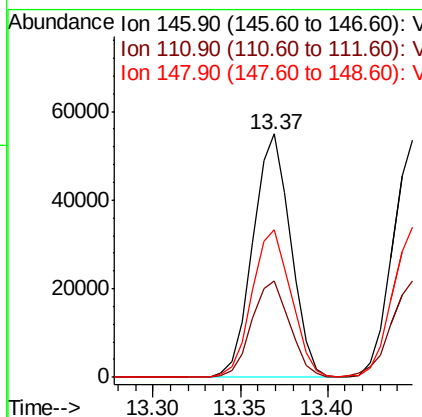
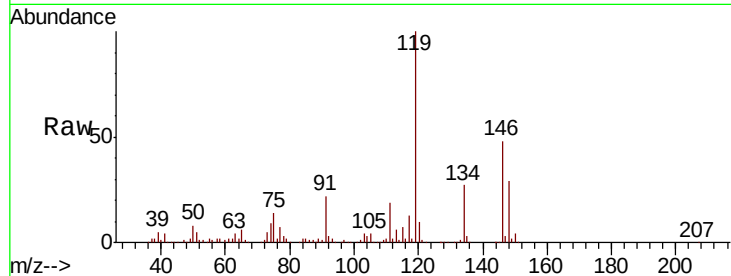




#87
 1,3-Dichlorobenzene
 Concen: 20.658 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. 0.00 min
 Lab File: VY002302.D
 Acq: 14 Apr 2020 12:50

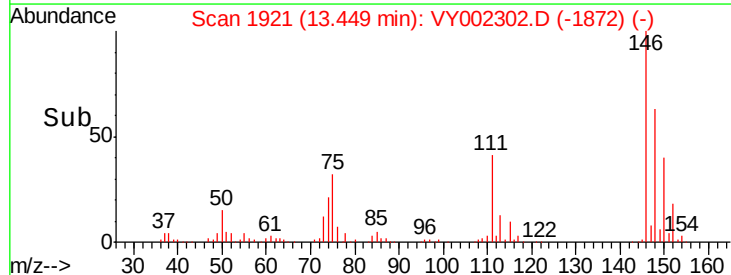
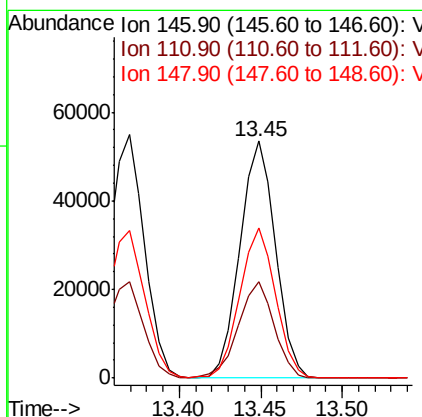
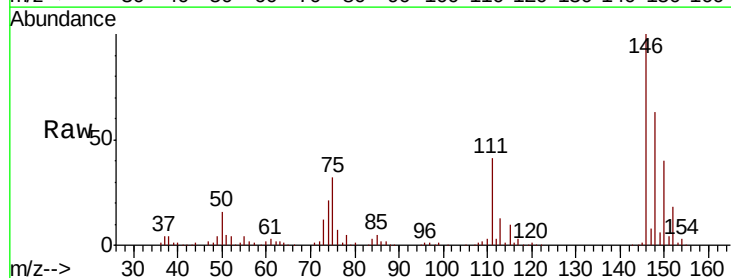
Instrument :
 MSVOA_Y
 ClientSampleId :

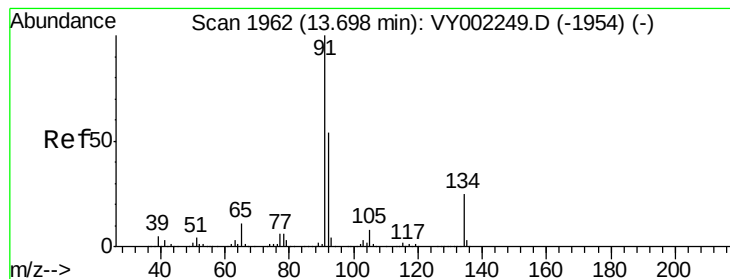
Tot Ion:146 Resp: 82657
 Ion Ratio Lower Upper
 146 100
 111 39.9 20.3 60.8
 148 62.7 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 20.004 ug/l
 RT: 13.45 min Scan# 1921
 Delta R.T. 0.00 min
 Lab File: VY002302.D
 Acq: 14 Apr 2020 12:50

Tgt Ion:146 Resp: 81249
 Ion Ratio Lower Upper
 146 100
 111 40.8 19.6 58.8
 148 63.9 32.0 96.0





#89

n-Butylbenzene

Concen: 19.921 ug/l

RT: 13.70 min Scan# 1962

Delta R.T. 0.00 min

Lab File: VY002302.D

Acq: 14 Apr 2020 12:50

Instrument :

MSVOA_Y

ClientSampleId :

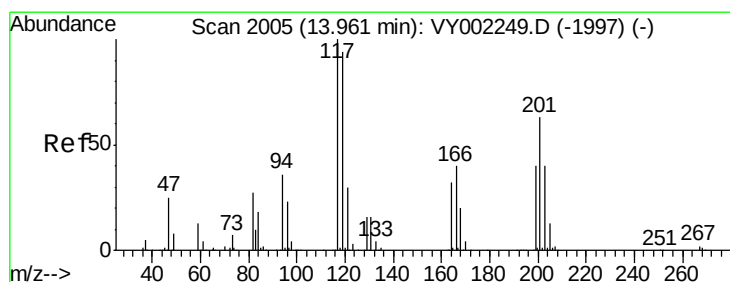
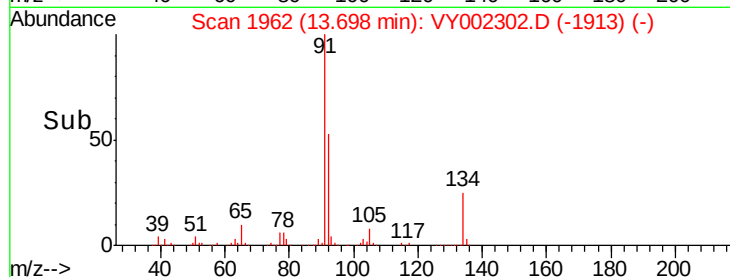
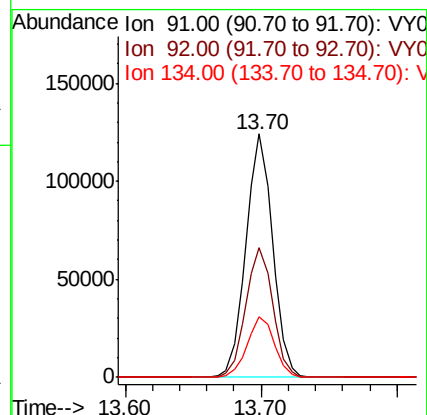
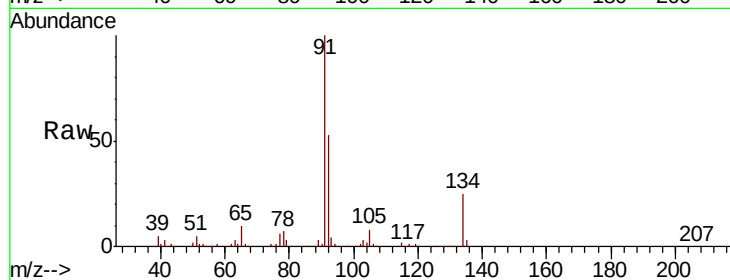
Tot Ion: 91 Resp: 170195

Ion Ratio Lower Upper

91 100

92 54.0 27.2 81.6

134 25.5 12.7 38.0



#90

Hexachloroethane

Concen: 19.808 ug/l

RT: 13.96 min Scan# 2005

Delta R.T. 0.00 min

Lab File: VY002302.D

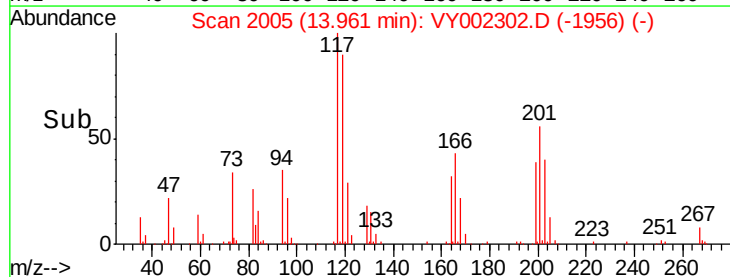
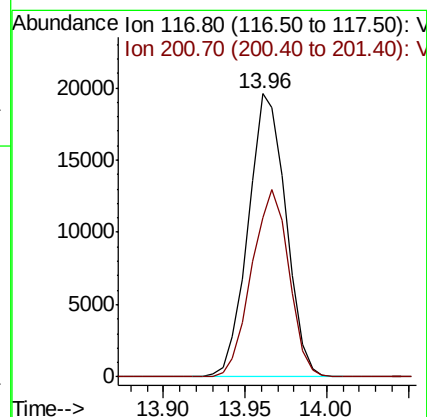
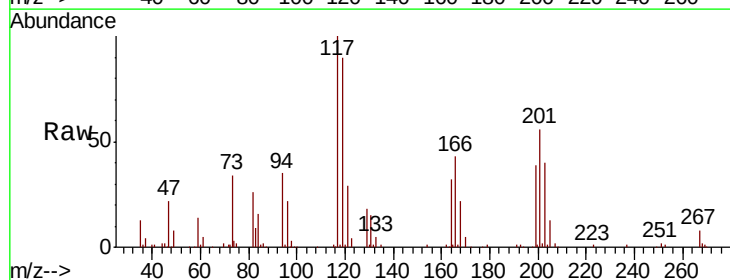
Acq: 14 Apr 2020 12:50

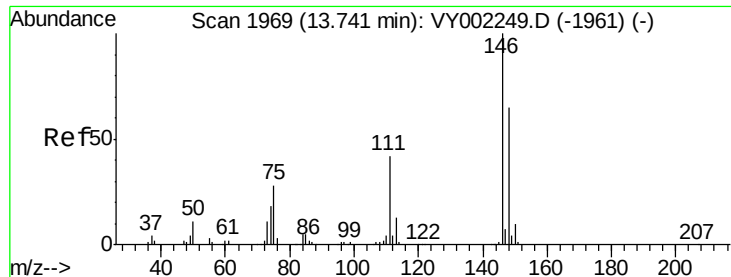
Tgt Ion: 117 Resp: 31461

Ion Ratio Lower Upper

117 100

201 65.6 33.1 99.2

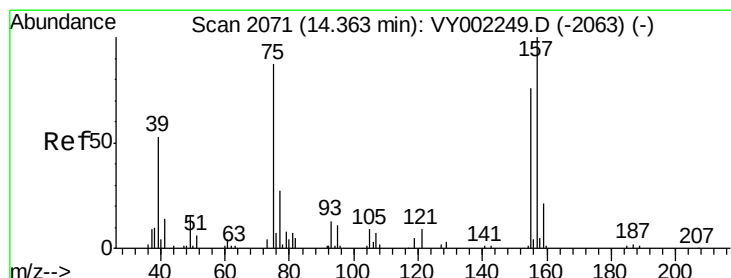
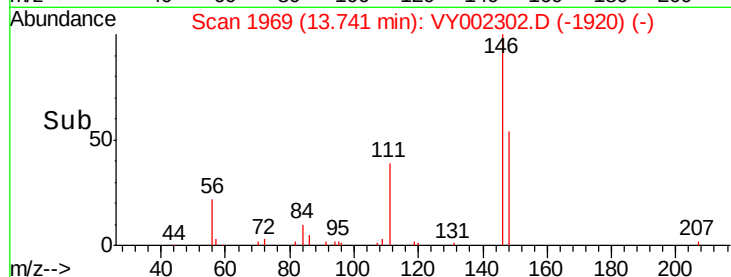
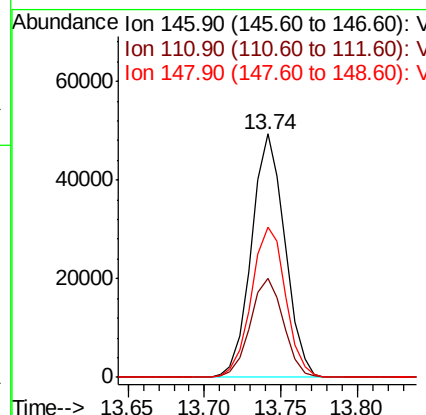
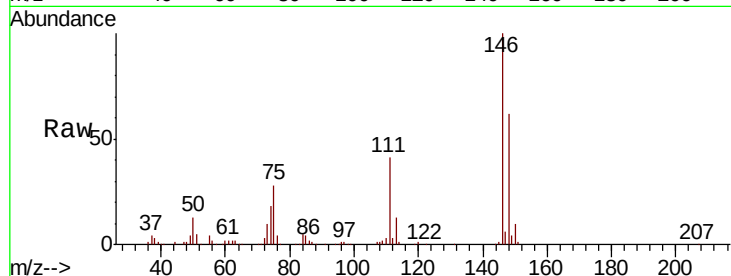




#91
 1,2-Dichlorobenzene
 Concen: 20.596 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. 0.00 min
 Lab File: VY002302.D
 Acq: 14 Apr 2020 12:50

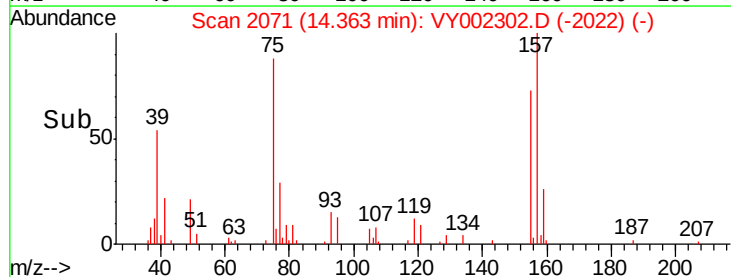
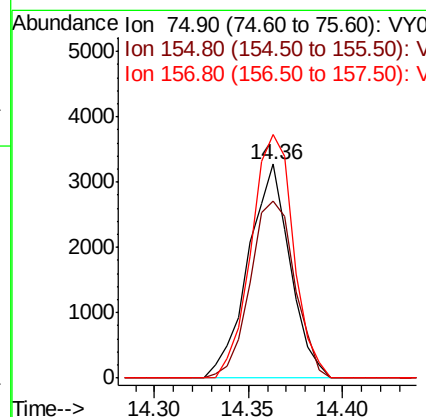
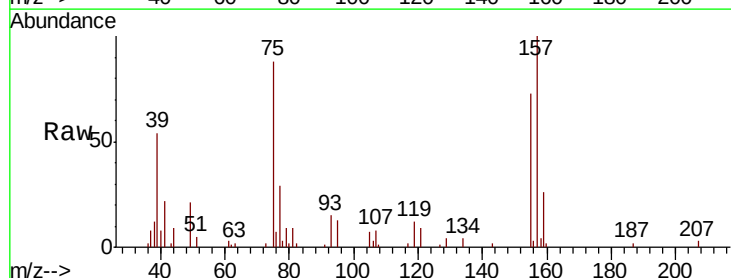
Instrument :
 MSVOA_Y
 ClientSampleId :

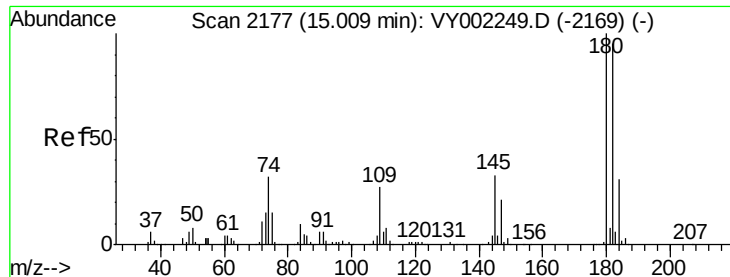
Tot Ion:146 Resp: 74884
 Ion Ratio Lower Upper
 146 100
 111 40.6 21.1 63.1
 148 63.4 31.9 95.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.354 ug/l
 RT: 14.36 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VY002302.D
 Acq: 14 Apr 2020 12:50

Tgt Ion: 75 Resp: 5040
 Ion Ratio Lower Upper
 75 100
 155 88.3 43.6 130.8
 157 114.9 56.0 168.2

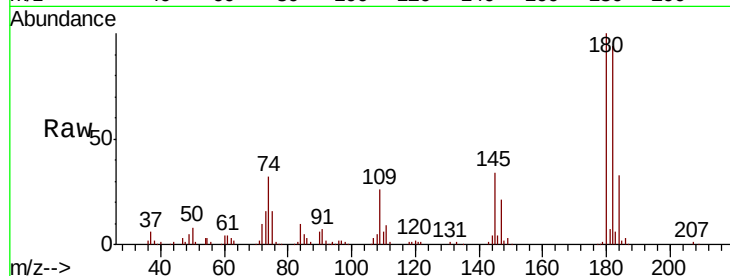




#93
 1,2,4-Trichlorobenzene
 Concen: 19.743 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VY002302.D
 Acq: 14 Apr 2020 12:50

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.6	47.9	143.7
145	31.7	16.0	48.0

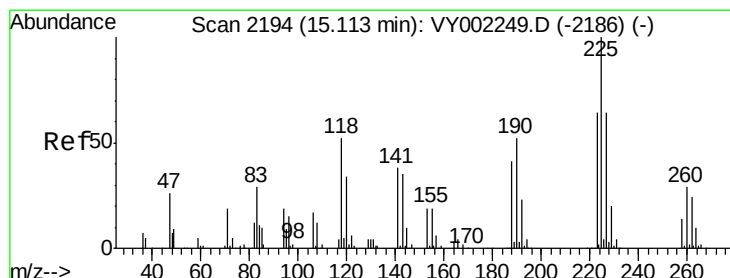
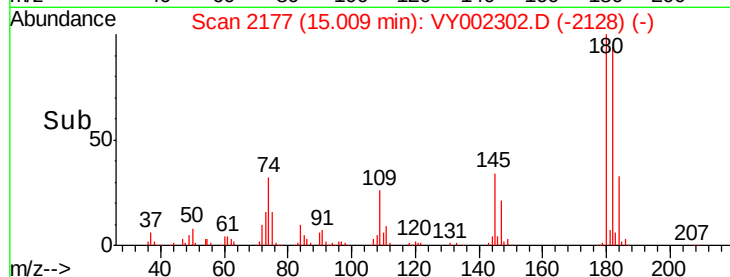
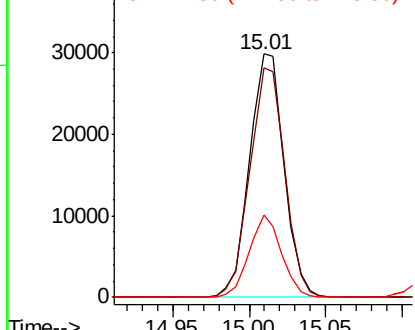


Abundance

Ion 179.80 (179.50 to 180.50): V

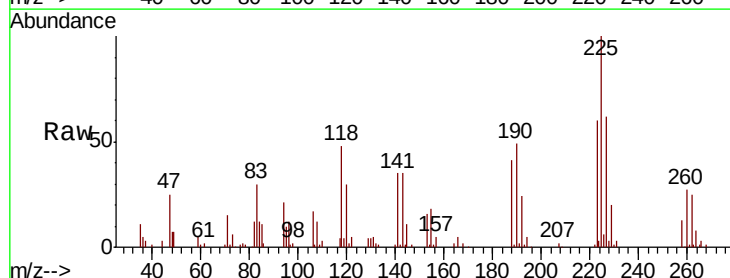
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 19.407 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.00 min
 Lab File: VY002302.D
 Acq: 14 Apr 2020 12:50

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.7	31.0	93.0
227	63.7	31.3	93.9

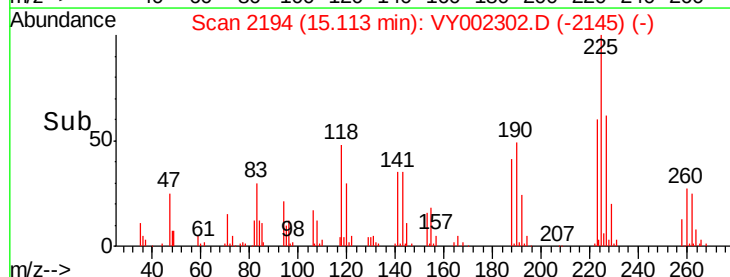
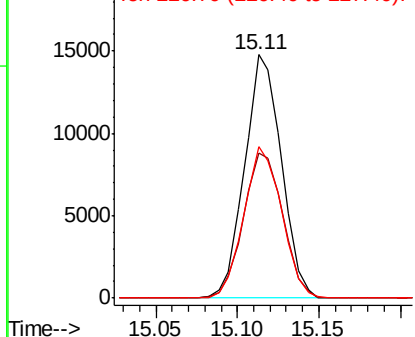


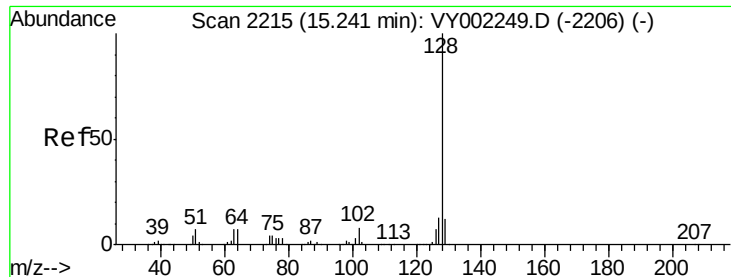
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

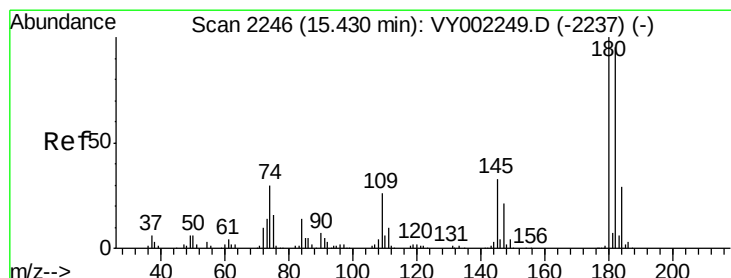
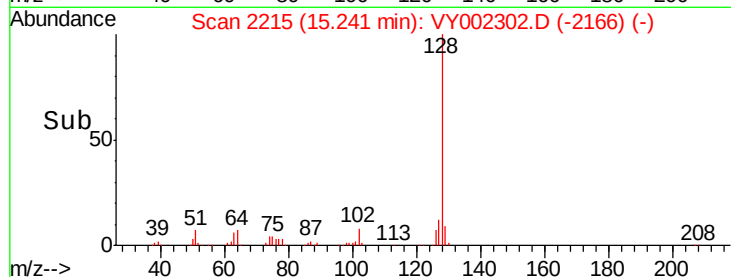
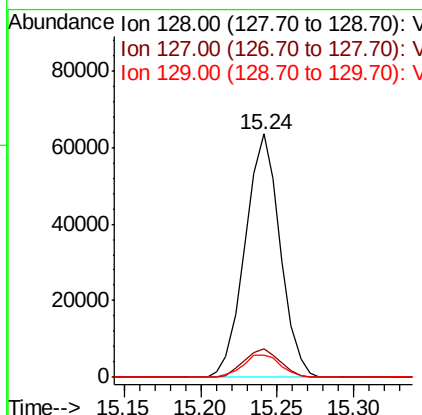
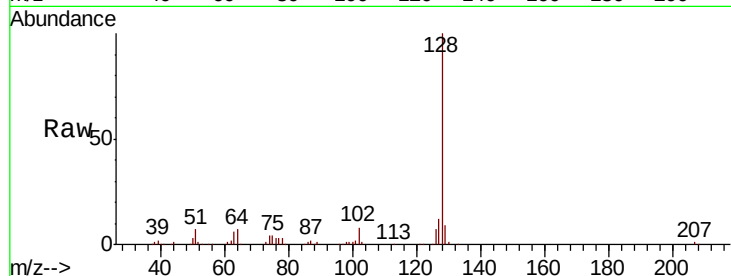




#95
Naphthalene
Concen: 19.449 ug/l
RT: 15.24 min Scan# 2215
Delta R.T. 0.00 min
Lab File: VY002302.D
Acq: 14 Apr 2020 12:50

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:128 Resp: 101199
Ion Ratio Lower Upper
128 100
127 12.3 10.1 15.1
129 10.1 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 19.655 ug/l
RT: 15.43 min Scan# 2246
Delta R.T. 0.00 min
Lab File: VY002302.D
Acq: 14 Apr 2020 12:50

Tgt Ion:180 Resp: 40559
Ion Ratio Lower Upper
180 100
182 94.6 47.1 141.3
145 33.7 16.7 50.1

