

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY012220\
 Data File : VY001330.D
 Acq On : 22 Jan 2020 15:02
 Operator : SY/MD
 Sample : VY0122SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 23 01:12:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 01:09:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	217954	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.72	114	372252	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	327056	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.44	152	154331	50.00	ug/l	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.17	65	113893	48.02	ug/l	0.00
Spiked Amount			Recovery	=	96.04%	
35) Dibromofluoromethane	7.75	113	108043	49.45	ug/l	0.00
Spiked Amount			Recovery	=	98.90%	
50) Toluene-d8	10.19	98	442716	52.16	ug/l	-0.01
Spiked Amount			Recovery	=	104.32%	
62) 4-Bromofluorobenzene	12.49	95	160569	47.50	ug/l	-0.02
Spiked Amount			Recovery	=	95.00%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.92	85	37795	21.989	ug/l	98
3) Chloromethane	2.13	50	51632	19.876	ug/l	100
4) Vinyl Chloride	2.27	62	54819	20.238	ug/l	95
5) Bromomethane	2.66	94	37238	20.413	ug/l	94
6) Chloroethane	2.81	64	34153	19.732	ug/l	98
7) Trichlorofluoromethane	3.15	101	72012	20.779	ug/l	97
8) Diethyl Ether	3.56	74	27098	18.522	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.93	101	47112	21.346	ug/l	100
10) Methyl Iodide	4.13	142	54782	18.819	ug/l	99
11) Tert butyl alcohol	4.99	59	32317	96.481	ug/l #	94
12) 1,1-Dichloroethene	3.91	96	47299	20.439	ug/l	99
13) Acrolein	3.76	56	18978	100.147	ug/l	97
14) Allyl chloride	4.52	41	80904	19.604	ug/l	99
15) Acrylonitrile	5.21	53	66862	89.283	ug/l	99
16) Acetone	3.98	43	60457	91.977	ug/l	96
17) Carbon Disulfide	4.23	76	150273	20.648	ug/l	98
18) Methyl Acetate	4.52	43	34644	17.322	ug/l	98
19) Methyl tert-butyl Ether	5.26	73	124729	18.408	ug/l	99
20) Methylene Chloride	4.75	84	61599	18.351	ug/l	95
21) trans-1,2-Dichloroethene	5.26	96	52383	19.487	ug/l	94
22) Diisopropyl ether	6.16	45	161183	18.393	ug/l	94
23) Vinyl Acetate	6.10	43	517278	90.924	ug/l	100
24) 1,1-Dichloroethane	6.06	63	88995	19.267	ug/l	99
25) 2-Butanone	7.03	43	91930	89.056	ug/l	98
26) 2,2-Dichloropropane	7.02	77	81208	19.737	ug/l	99
27) cis-1,2-Dichloroethene	7.03	96	58356	19.425	ug/l	99
28) Bromochloromethane	7.37	49	32134	16.869	ug/l	98
29) Tetrahydrofuran	7.38	42	58746	87.474	ug/l	99
30) Chloroform	7.54	83	87180	19.256	ug/l	96
31) Cyclohexane	7.82	56	93988	20.494	ug/l	94
32) 1,1,1-Trichloroethane	7.74	97	75394	19.722	ug/l	99
36) 1,1-Dichloropropene	7.95	75	73534	20.909	ug/l	99
37) Ethyl Acetate	7.11	43	39760	18.504	ug/l	100
38) Carbon Tetrachloride	7.93	117	65566	20.919	ug/l	98

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 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
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Quant Time: Jan 23 01:12:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 01:09:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.21	83	97073	21.547	ug/l	98
40) Benzene	8.19	78	211991	20.103	ug/l	99
41) Methacrylonitrile	7.38	41	54796	49.419	ug/l #	100
42) 1,2-Dichloroethane	8.27	62	57115	19.384	ug/l	100
43) Isopropyl Acetate	8.30	43	77430	18.532	ug/l	99
44) Trichloroethene	8.96	130	54637	20.191	ug/l	100
45) 1,2-Dichloropropane	9.24	63	52697	19.768	ug/l	100
46) Dibromomethane	9.33	93	26545	18.549	ug/l	98
47) Bromodichloromethane	9.52	83	66565	19.457	ug/l	98
48) Methyl methacrylate	9.31	41	34705	18.272	ug/l	99
49) 1,4-Dioxane	9.32	88	7565	374.852	ug/l	98
51) 4-Methyl-2-Pentanone	10.09	43	195733	90.968	ug/l	100
52) Toluene	10.26	92	133449	19.964	ug/l	98
53) t-1,3-Dichloropropene	10.48	75	73363	19.347	ug/l	98
54) cis-1,3-Dichloropropene	9.94	75	86885	19.963	ug/l	99
55) 1,1,2-Trichloroethane	10.66	97	40204	19.033	ug/l	99
56) Ethyl methacrylate	10.52	69	59324	18.582	ug/l	99
57) 1,3-Dichloropropane	10.80	76	70004	19.025	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.80	63	110617	100.130	ug/l	99
59) 2-Hexanone	10.85	43	140994	94.126	ug/l	98
60) Dibromochloromethane	11.00	129	44971	19.036	ug/l	100
61) 1,2-Dibromoethane	11.10	107	37768	18.914	ug/l	98
64) Tetrachloroethene	10.73	164	43332	20.742	ug/l	98
65) Chlorobenzene	11.53	112	137753	19.982	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.60	131	46915	19.941	ug/l	99
67) Ethyl Benzene	11.60	91	260387	20.495	ug/l	99
68) m/p-Xylenes	11.71	106	194920	41.079	ug/l	99
69) o-Xylene	12.04	106	90747	19.880	ug/l	97
70) Styrene	12.05	104	161448	20.158	ug/l	98
71) Bromoform	12.22	173	25853	18.409	ug/l #	100
73) Isopropylbenzene	12.34	105	248245	20.385	ug/l	99
74) N-amyl acetate	12.16	43	73076	18.332	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.59	83	49449	18.960	ug/l	98
76) 1,2,3-Trichloropropane	12.64	75	65241	35.081	ug/l #	100
77) Bromobenzene	12.62	156	53556	19.855	ug/l	99
78) n-propylbenzene	12.68	91	305407	20.836	ug/l	99
79) 2-Chlorotoluene	12.77	91	169776	20.275	ug/l	99
80) 1,3,5-Trimethylbenzene	12.82	105	208869	20.547	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.39	75	18540	18.866	ug/l	97
82) 4-Chlorotoluene	12.86	91	177425	19.836	ug/l	99
83) tert-Butylbenzene	13.08	119	174071	20.315	ug/l	97
84) 1,2,4-Trimethylbenzene	13.13	105	209474	20.525	ug/l	99
85) sec-Butylbenzene	13.27	105	258941	21.270	ug/l	100
86) p-Isopropyltoluene	13.38	119	226658	21.127	ug/l	99
87) 1,3-Dichlorobenzene	13.38	146	107432	20.681	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	107386	20.359	ug/l	99
89) n-Butylbenzene	13.70	91	227593	21.079	ug/l	99
90) Hexachloroethane	13.97	117	42255	20.779	ug/l	100
91) 1,2-Dichlorobenzene	13.75	146	96044	20.047	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.37	75	8211	18.245	ug/l	98

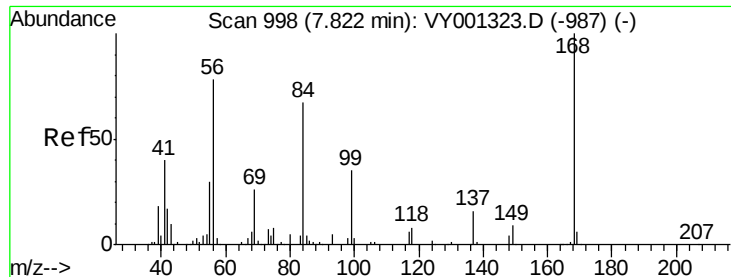
Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY012220\
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Quant Time: Jan 23 01:12:47 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 23 01:09:50 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	66159	20.576	ug/l	98
94) Hexachlorobutadiene	15.13	225	33148	21.172	ug/l	100
95) Naphthalene	15.25	128	141121	19.194	ug/l	99
96) 1,2,3-Trichlorobenzene	15.44	180	56604	20.068	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 998

Delta R.T. 0.00 min

Lab File: VY001330.D

Acq: 22 Jan 2020 15:02

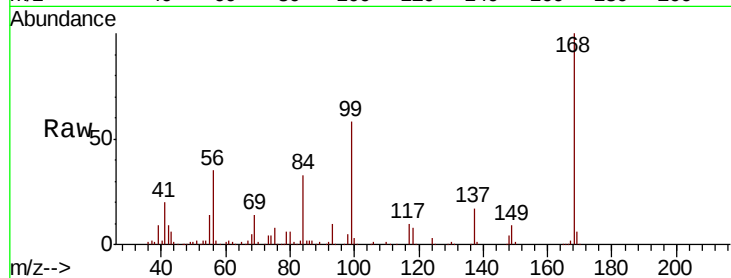
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:168 Resp: 217954

Ion Ratio Lower Upper

168 100

99 58.5 44.3 66.5



Abundance Ion 167.90 (167.60 to 168.60): VY001330.D (-949) (-)

Ion 98.90 (98.60 to 99.60): VY001330.D (-949) (-)

7.82

100000

80000

60000

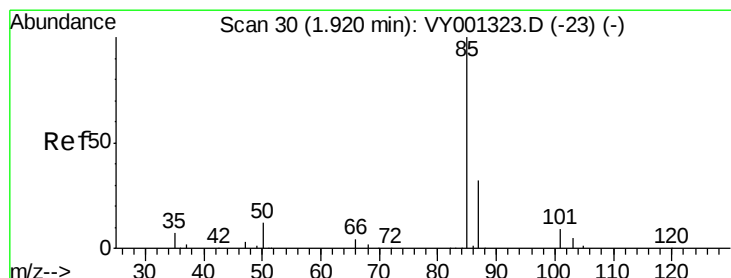
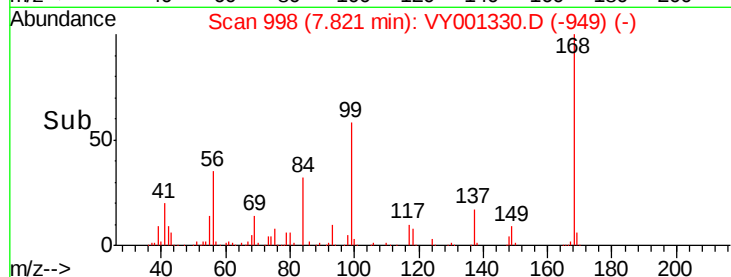
40000

20000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 21.989 ug/l

RT: 1.92 min Scan# 30

Delta R.T. 0.00 min

Lab File: VY001330.D

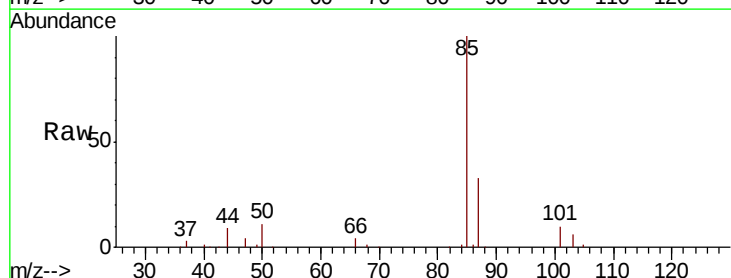
Acq: 22 Jan 2020 15:02

Tgt Ion: 85 Resp: 37795

Ion Ratio Lower Upper

85 100

87 33.2 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VY001330.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY001330.D (-1) (-)

1.92

30000

25000

20000

15000

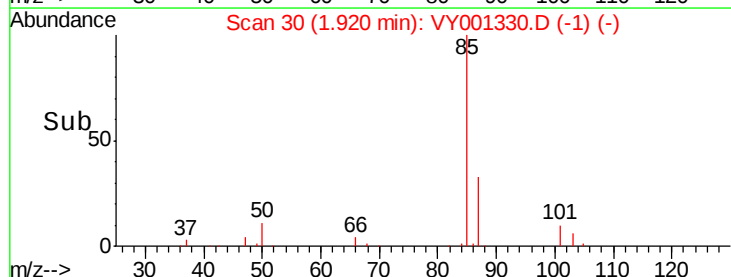
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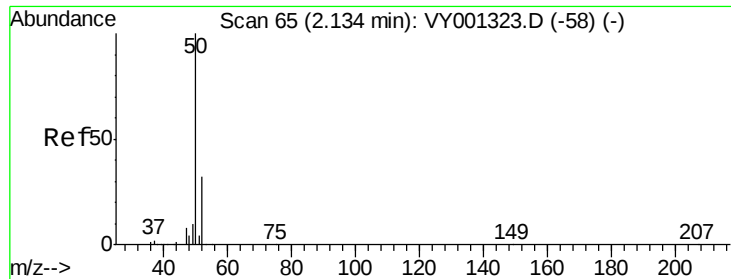
5000

0

1.85 1.90 1.95 2.00 2.05

Time-->





#3

Chloromethane

Concen: 19.876 ug/l

RT: 2.13 min Scan# 65

Delta R.T. 0.00 min

Lab File: VY001330.D

Acq: 22 Jan 2020 15:02

Instrument :

MSVOA_Y

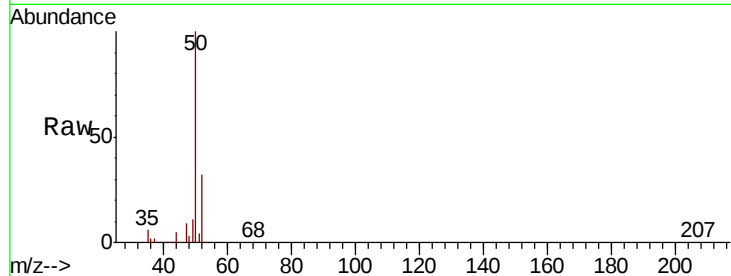
ClientSampleId :

Tot Ion: 50 Resp: 51632

Ion Ratio Lower Upper

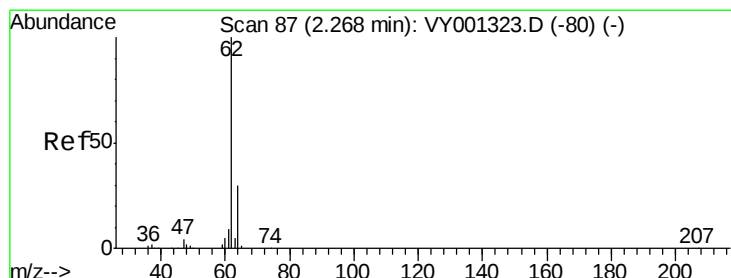
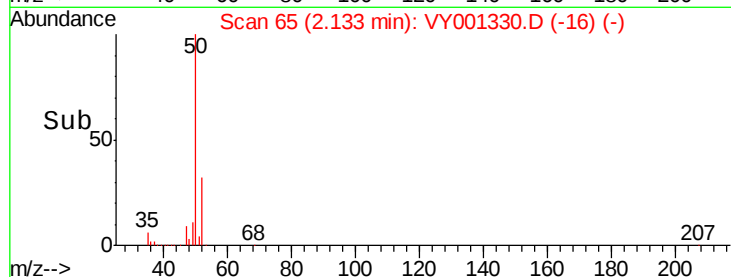
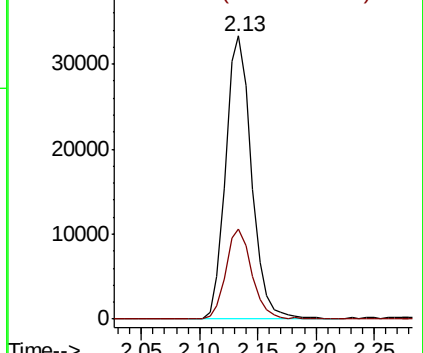
50 100

52 32.0 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 20.238 ug/l

RT: 2.27 min Scan# 87

Delta R.T. 0.00 min

Lab File: VY001330.D

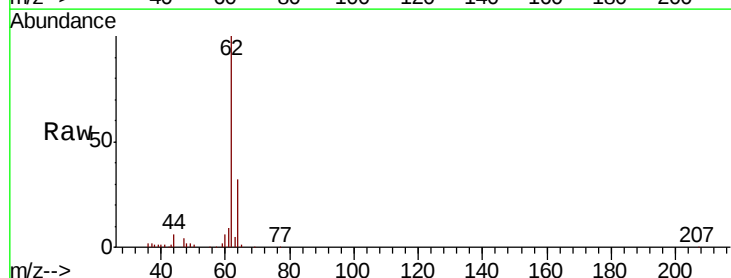
Acq: 22 Jan 2020 15:02

Tgt Ion: 62 Resp: 54819

Ion Ratio Lower Upper

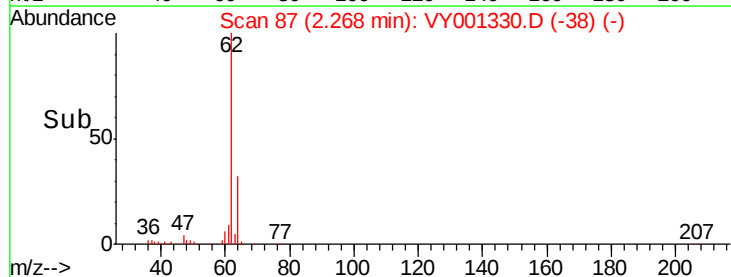
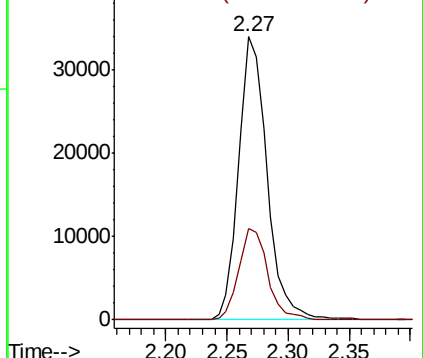
62 100

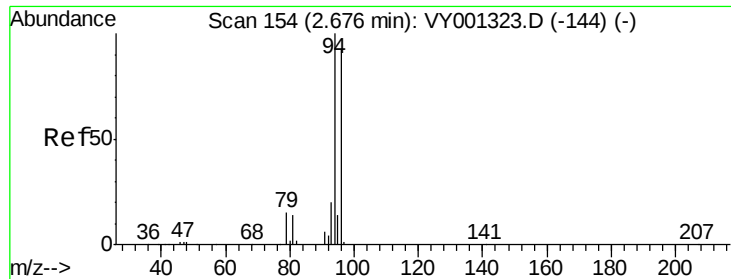
64 32.4 23.9 35.9



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 20.413 ug/l

RT: 2.66 min Scan# 152

Delta R.T. -0.01 min

Lab File: VY001330.D

Acq: 22 Jan 2020 15:02

Instrument :

MSVOA_Y

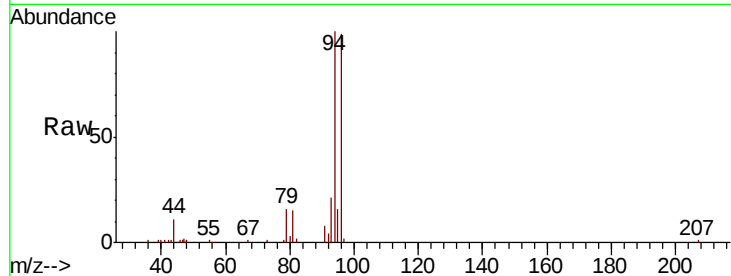
ClientSampleId :

Tot Ion: 94 Resp: 37238

Ion Ratio Lower Upper

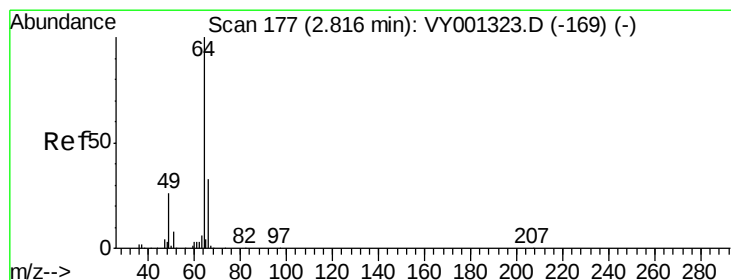
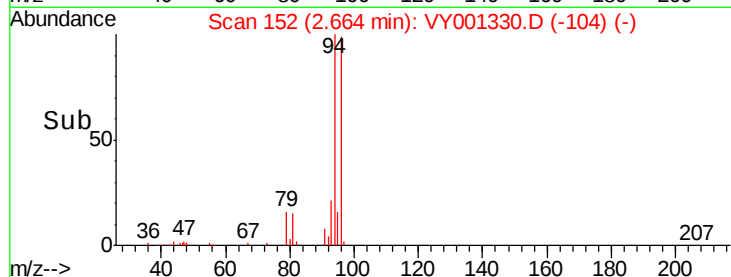
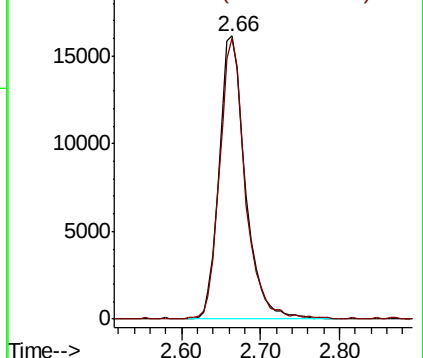
94 100

96 99.1 74.6 111.8



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 19.732 ug/l

RT: 2.81 min Scan# 176

Delta R.T. -0.01 min

Lab File: VY001330.D

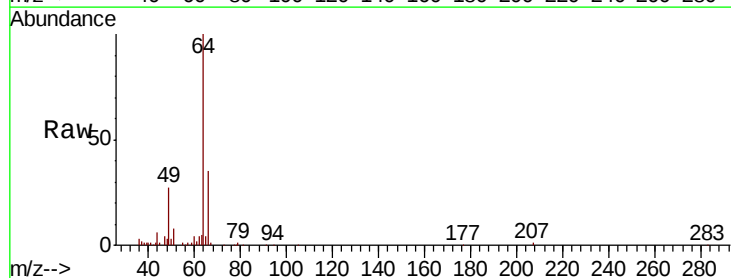
Acq: 22 Jan 2020 15:02

Tgt Ion: 64 Resp: 34153

Ion Ratio Lower Upper

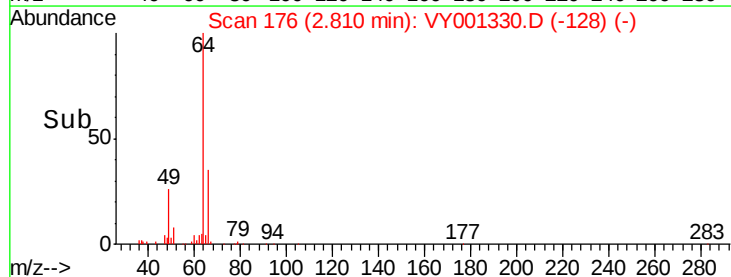
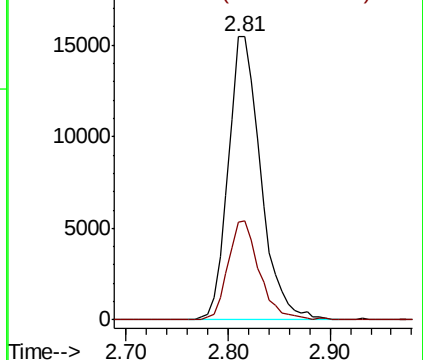
64 100

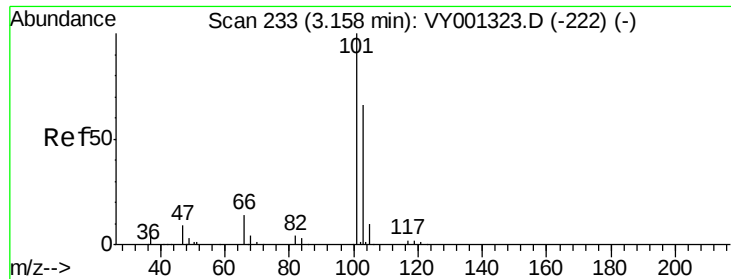
66 34.5 26.8 40.2



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



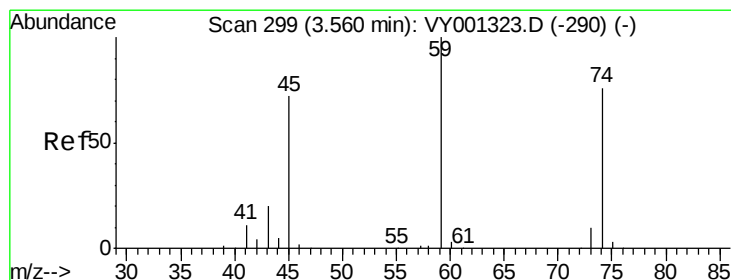
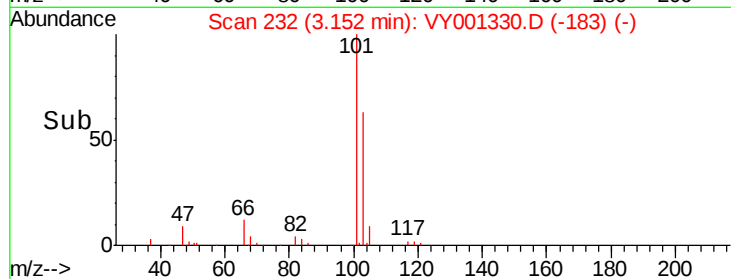
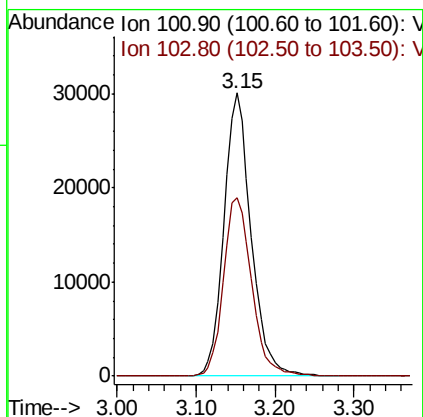
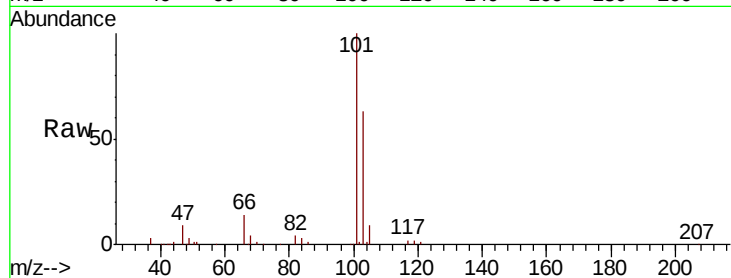


#7

Trichlorofluoromethane
 Concen: 20.779 ug/l
 RT: 3.15 min Scan# 232
 Delta R.T. 0.00 min
 Lab File: VY001330.D
 Acq: 22 Jan 2020 15:02

Instrument :
 MSVOA_Y
 ClientSampleId :

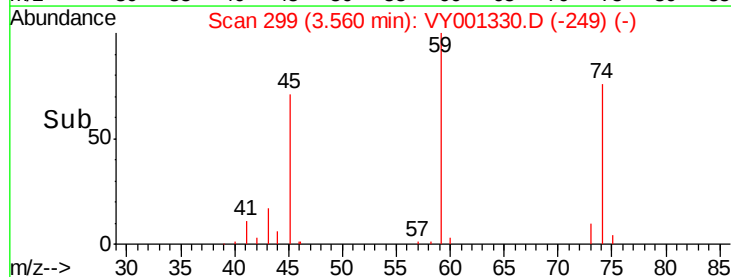
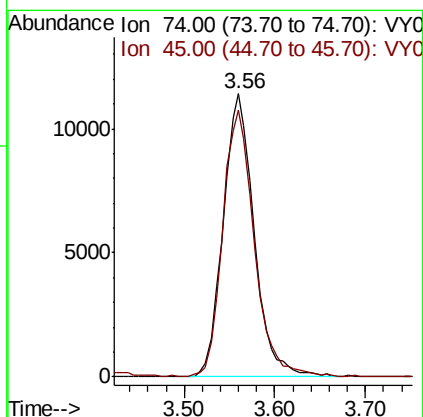
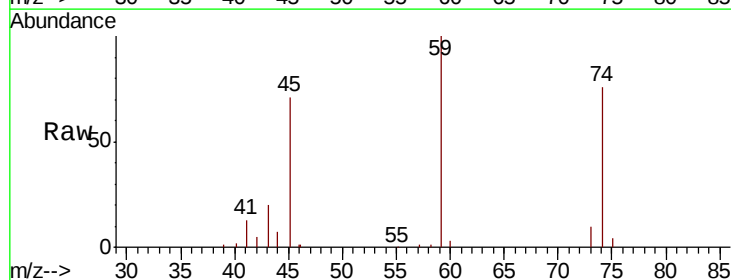
Tot Ion:101 Resp: 72012
 Ion Ratio Lower Upper
 101 100
 103 62.9 52.5 78.7



#8

Diethyl Ether
 Concen: 18.522 ug/l
 RT: 3.56 min Scan# 299
 Delta R.T. 0.01 min
 Lab File: VY001330.D
 Acq: 22 Jan 2020 15:02

Tgt Ion: 74 Resp: 27098
 Ion Ratio Lower Upper
 74 100
 45 96.0 47.2 141.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.346 ug/l

RT: 3.93 min Scan# 360

Delta R.T. 0.00 min

Lab File: VY001330.D

Acq: 22 Jan 2020 15:02

Instrument :

MSVOA_Y

ClientSampleId :

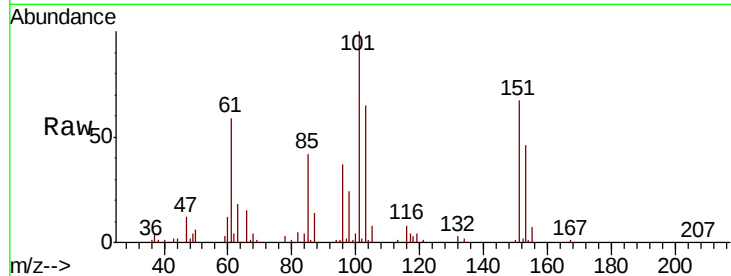
Tot Ion:101 Resp: 47112

Ion Ratio Lower Upper

101 100

85 43.9 34.9 52.3

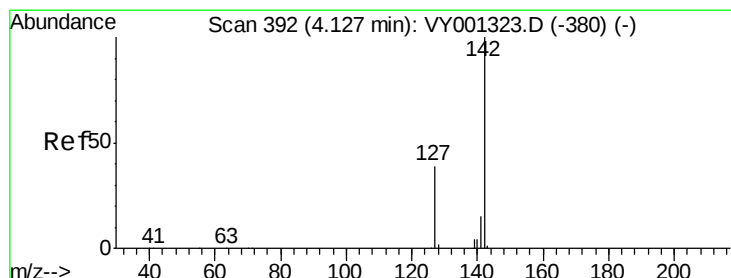
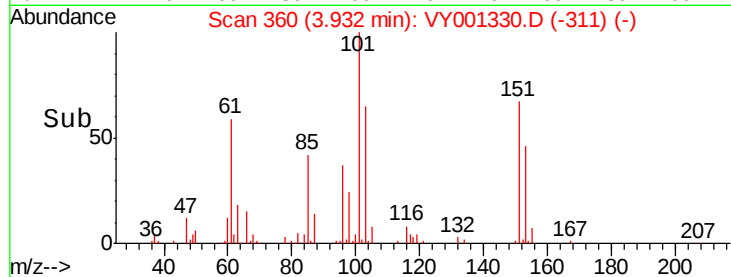
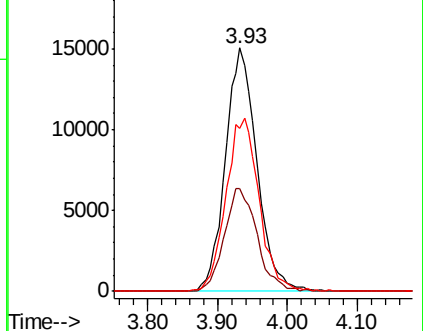
151 75.1 59.9 89.9



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: 18.819 ug/l

RT: 4.13 min Scan# 392

Delta R.T. 0.01 min

Lab File: VY001330.D

Acq: 22 Jan 2020 15:02

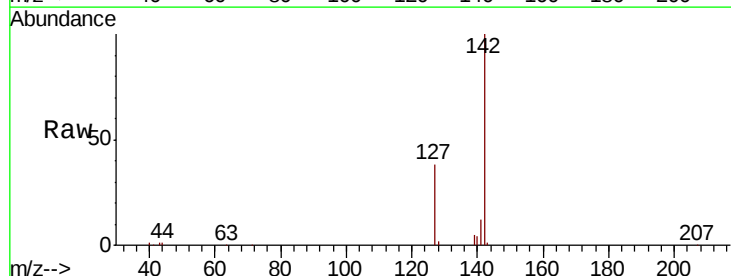
Tgt Ion:142 Resp: 54782

Ion Ratio Lower Upper

142 100

127 38.8 31.6 47.4

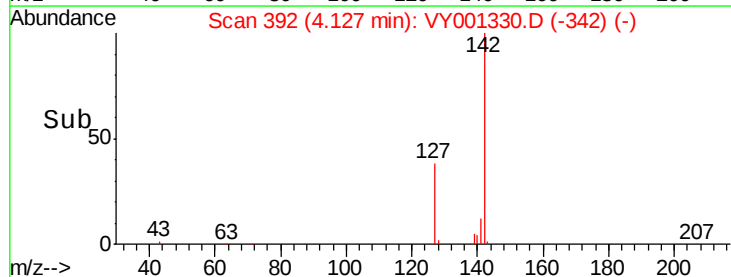
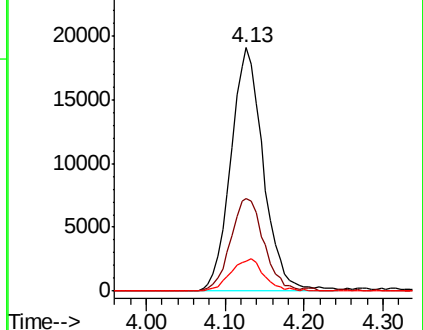
141 13.6 11.2 16.8

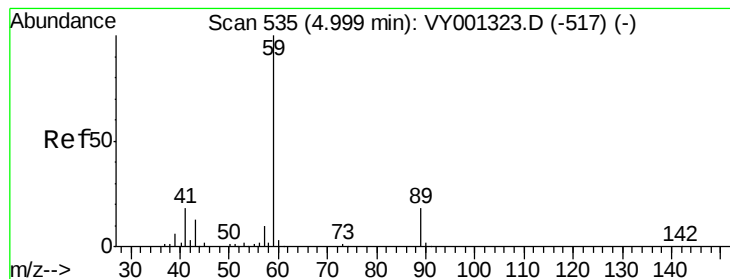


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 96.481 ug/l

RT: 4.99 min Scan# 534

Delta R.T. 0.00 min

Lab File: VY001330.D

Acq: 22 Jan 2020 15:02

Instrument :

MSVOA_Y

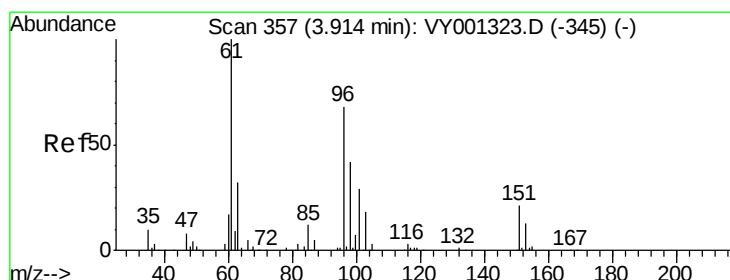
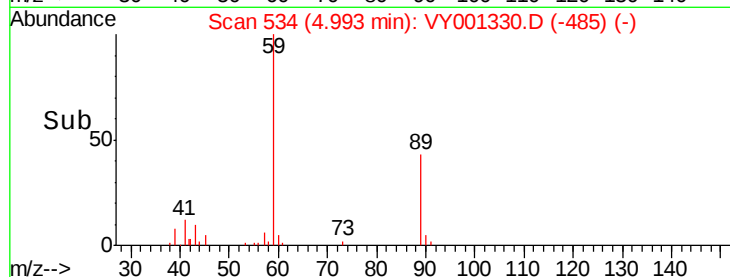
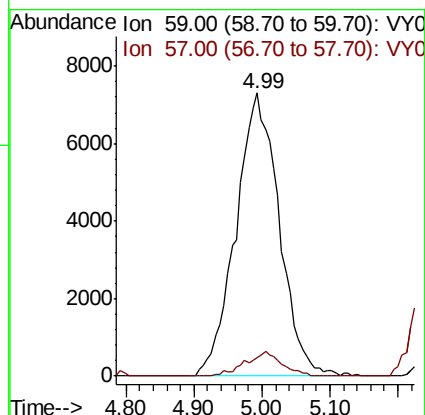
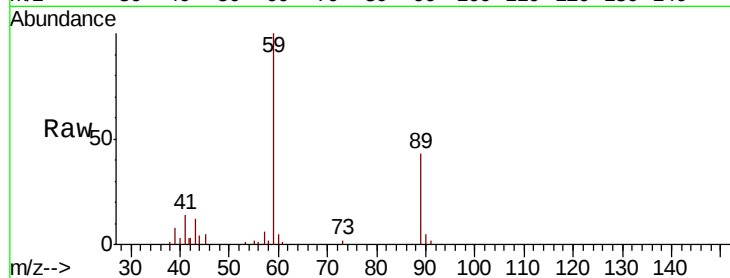
ClientSampleId :

Tot Ion: 59 Resp: 32317

Ion Ratio Lower Upper

59 100

57 7.2 7.4 11.2#



#12

1,1-Dichloroethene

Concen: 20.439 ug/l

RT: 3.91 min Scan# 356

Delta R.T. 0.01 min

Lab File: VY001330.D

Acq: 22 Jan 2020 15:02

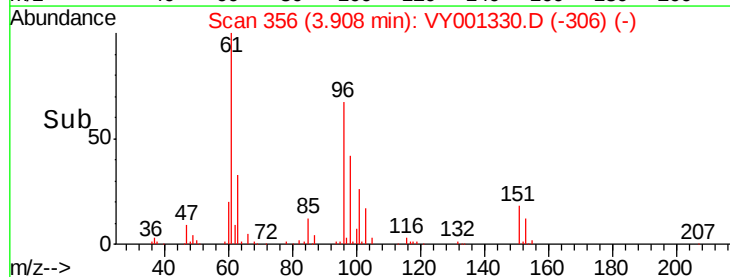
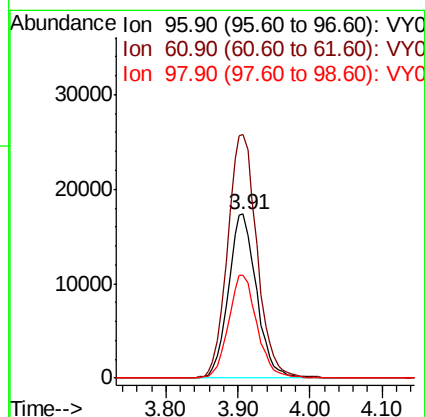
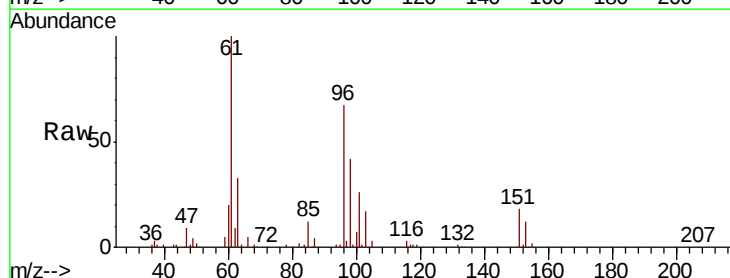
Tgt Ion: 96 Resp: 47299

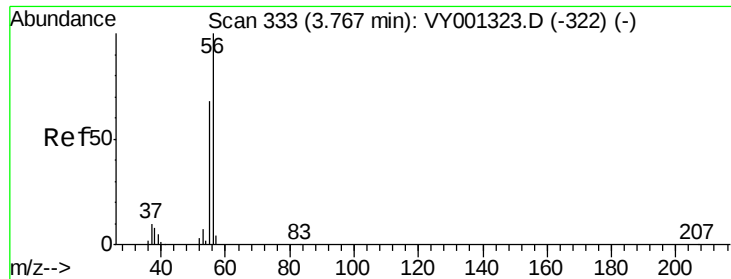
Ion Ratio Lower Upper

96 100

61 148.3 118.0 177.0

98 62.7 49.4 74.2





#13

Acrolein

Concen: 100.147 ug/l

RT: 3.76 min Scan# 332

Delta R.T. 0.00 min

Lab File: VY001330.D

Acq: 22 Jan 2020 15:02

Instrument :

MSVOA_Y

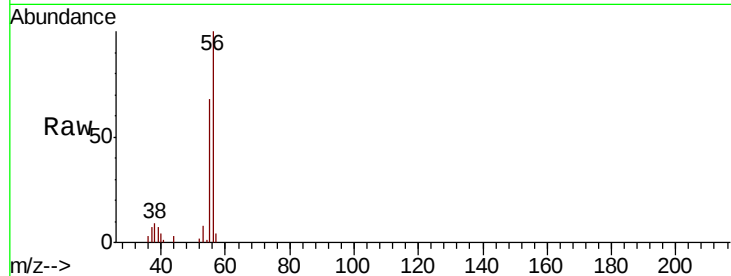
ClientSampleId :

Tot Ion: 56 Resp: 18978

Ion Ratio Lower Upper

56 100

55 72.2 55.9 83.9

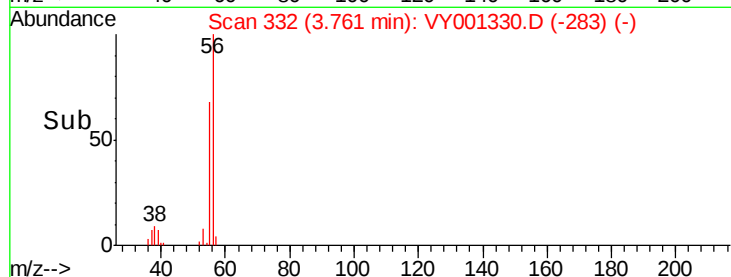


Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

3.76

Time-->



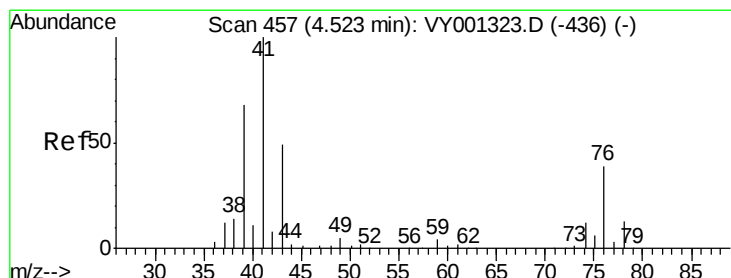
Abundance

Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

3.76

Time-->



#14

Allyl chloride

Concen: 19.604 ug/l

RT: 4.52 min Scan# 456

Delta R.T. 0.01 min

Lab File: VY001330.D

Acq: 22 Jan 2020 15:02

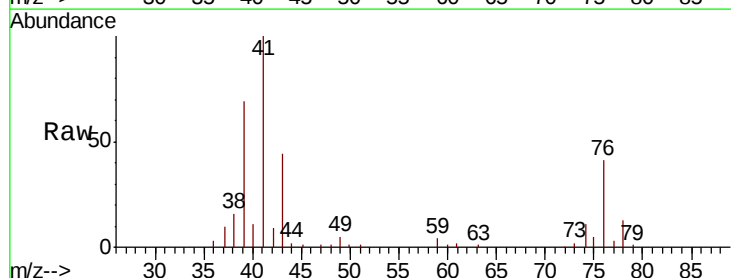
Tgt Ion: 41 Resp: 80904

Ion Ratio Lower Upper

41 100

39 65.4 52.2 78.4

76 37.9 29.1 43.7



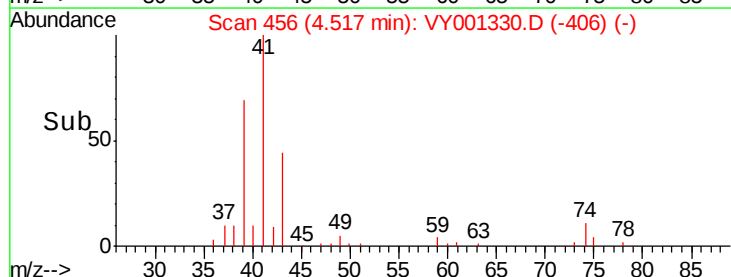
Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0

4.52

Time-->



Abundance

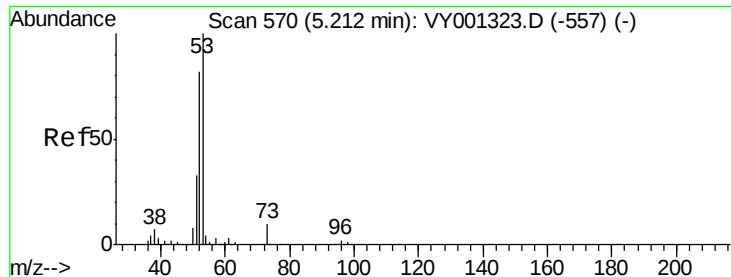
Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0

4.52

Time-->



#15

Acrylonitrile

Concen: 89.283 ug/l

RT: 5.21 min Scan# 569

Delta R.T. 0.00 min

Lab File: VY001330.D

Acq: 22 Jan 2020 15:02

Instrument :
MSVOA_Y
ClientSampled :

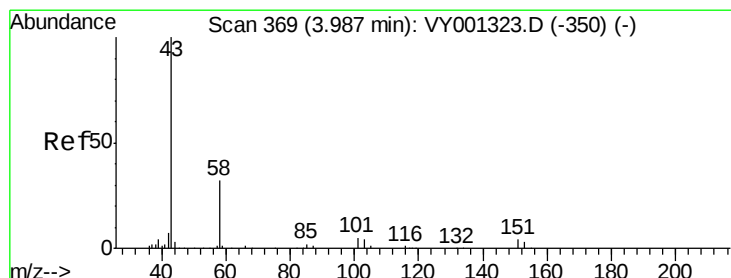
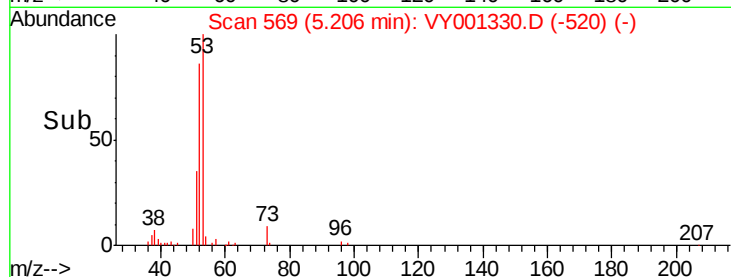
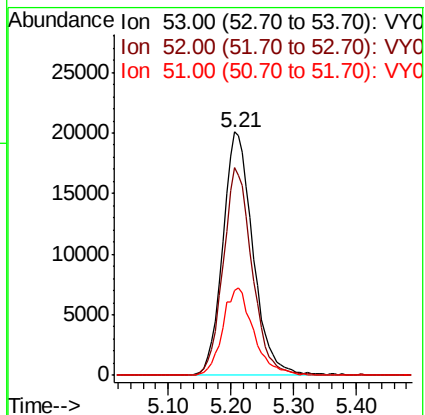
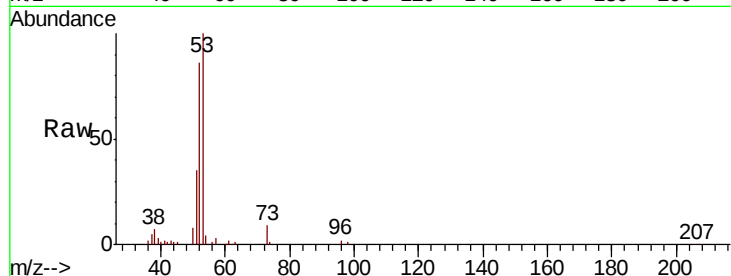
Tot Ion: 53 Resp: 66862

Ion Ratio Lower Upper

53 100

52 81.5 65.3 97.9

51 36.5 28.4 42.6



#16

Acetone

Concen: 91.977 ug/l

RT: 3.98 min Scan# 368

Delta R.T. 0.00 min

Lab File: VY001330.D

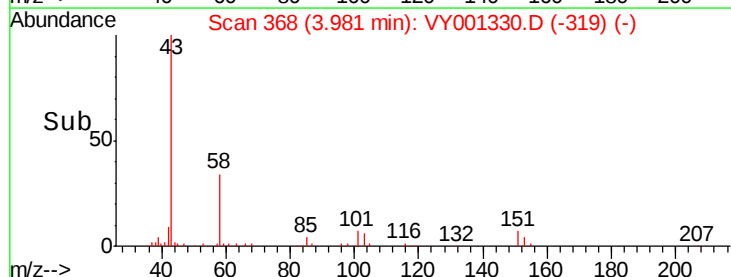
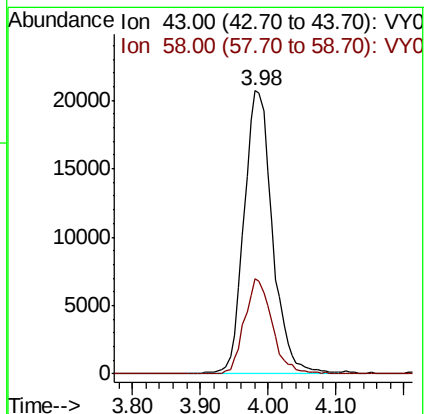
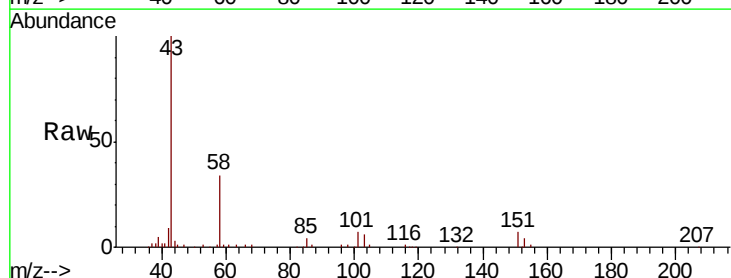
Acq: 22 Jan 2020 15:02

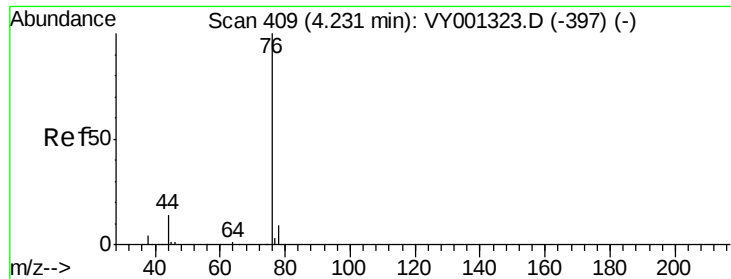
Tgt Ion: 43 Resp: 60457

Ion Ratio Lower Upper

43 100

58 33.8 25.4 38.0

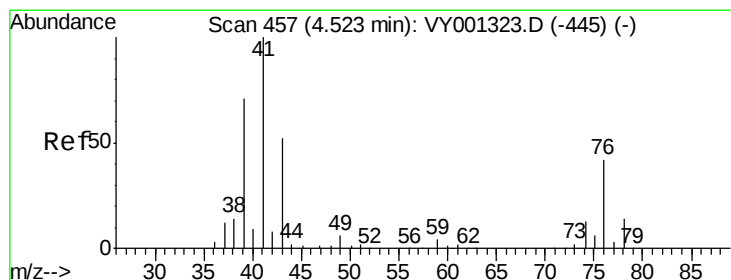
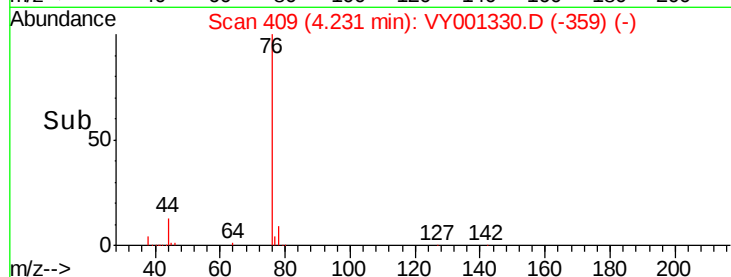
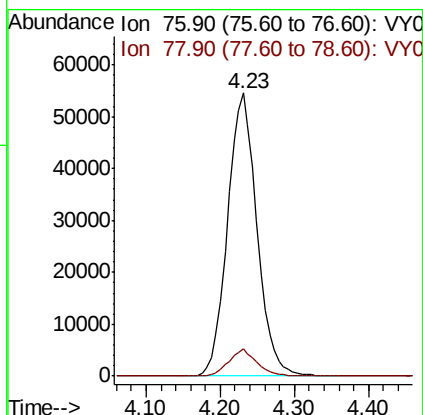
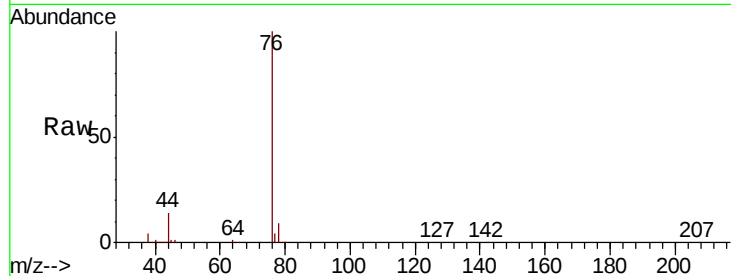




#17
Carbon Disulfide
Concen: 20.648 ug/l
RT: 4.23 min Scan# 409
Delta R.T. 0.01 min
Lab File: VY001330.D
Acq: 22 Jan 2020 15:02

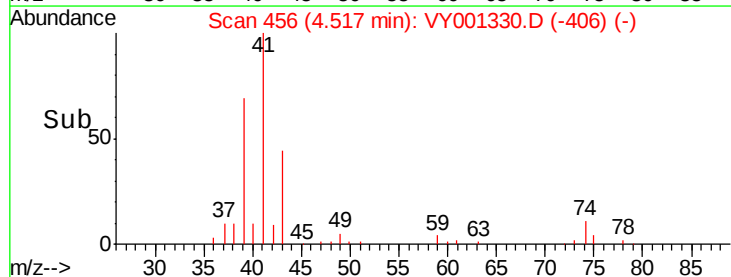
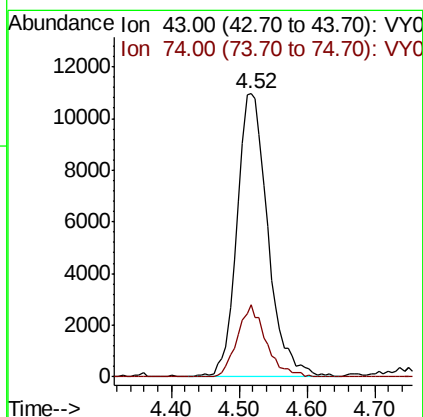
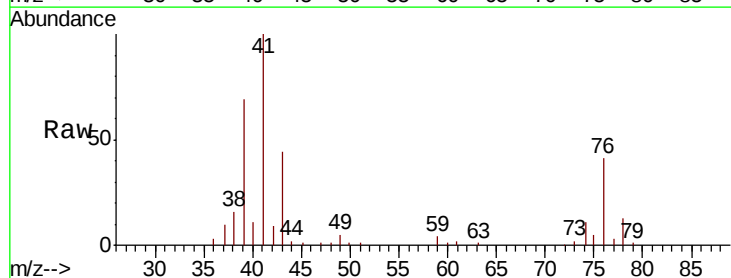
Instrument :
MSVOA_Y
ClientSampleId :

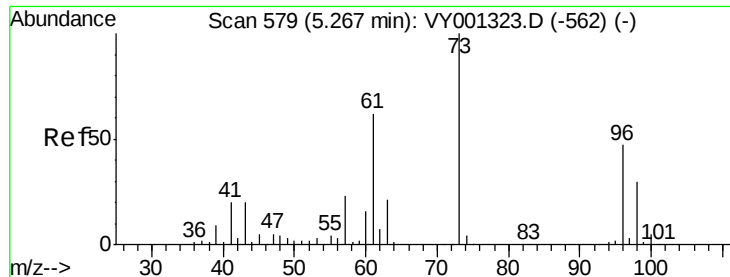
Tot Ion: 76 Resp: 150273
Ion Ratio Lower Upper
76 100
78 9.5 7.0 10.6



#18
Methyl Acetate
Concen: 17.322 ug/l
RT: 4.52 min Scan# 456
Delta R.T. 0.01 min
Lab File: VY001330.D
Acq: 22 Jan 2020 15:02

Tgt Ion: 43 Resp: 34644
Ion Ratio Lower Upper
43 100
74 23.4 19.4 29.2

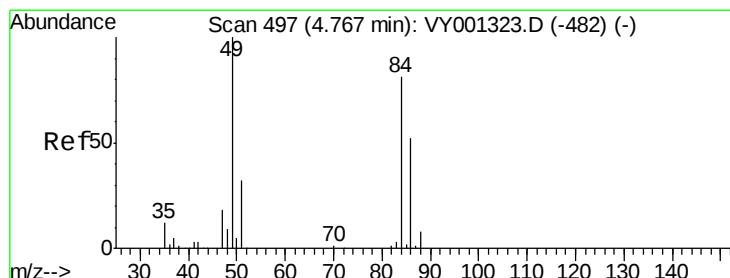
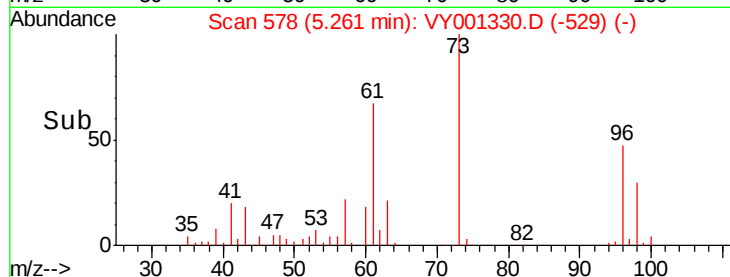
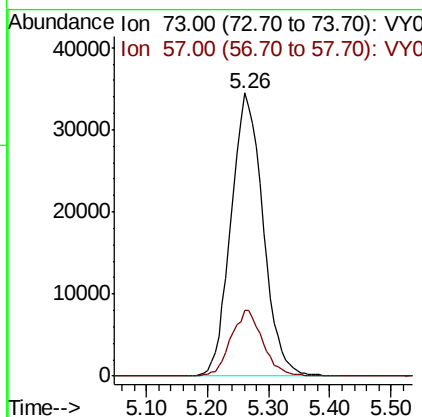
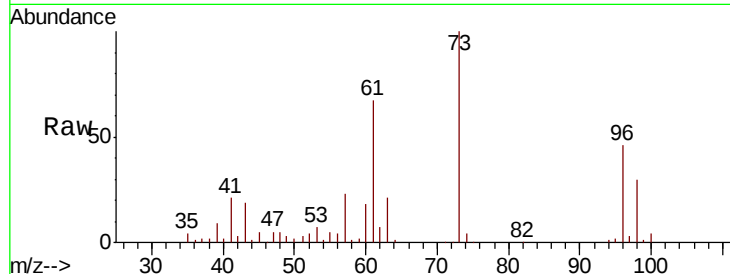




#19
Methvl tert-butvl Ether
Concen: 18.408 ug/l
RT: 5.26 min Scan# 578
Delta R.T. 0.00 min
Lab File: VY001330.D
Acq: 22 Jan 2020 15:02

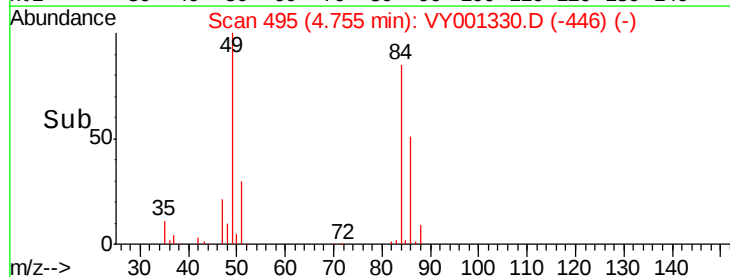
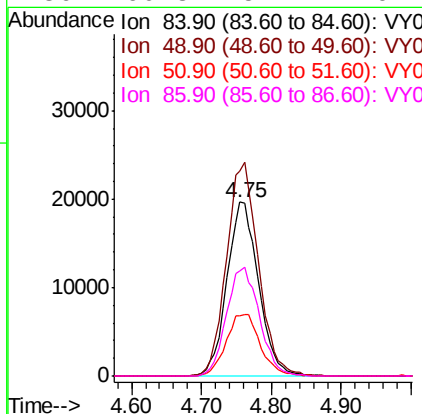
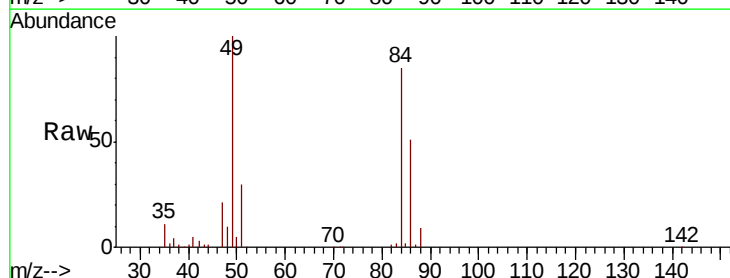
Instrument :
MSVOA_Y
ClientSampleId :

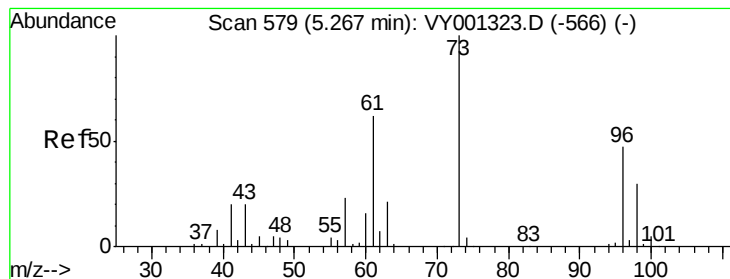
Tot Ion: 73 Resp: 124729
Ion Ratio Lower Upper
73 100
57 23.0 18.2 27.2



#20
Methylene Chloride
Concen: 18.351 ug/l
RT: 4.75 min Scan# 495
Delta R.T. 0.00 min
Lab File: VY001330.D
Acq: 22 Jan 2020 15:02

Tgt Ion: 84 Resp: 61599
Ion Ratio Lower Upper
84 100
49 117.9 98.3 147.5
51 34.9 31.6 47.4
86 60.3 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 19.487 ug/l

RT: 5.26 min Scan# 578

Delta R.T. 0.00 min

Lab File: VY001330.D

Acq: 22 Jan 2020 15:02

Instrument :
MSVOA_Y
ClientSampleId :

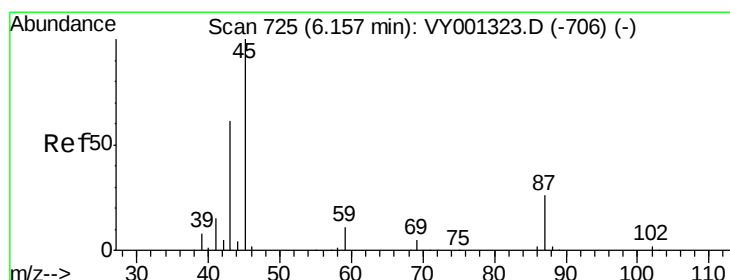
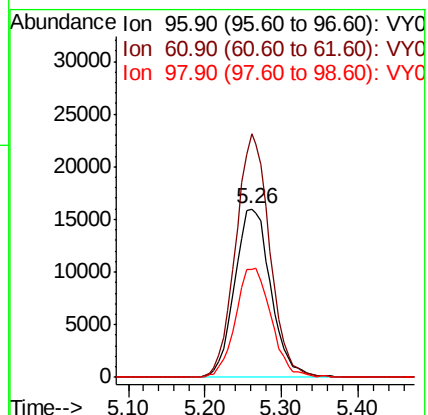
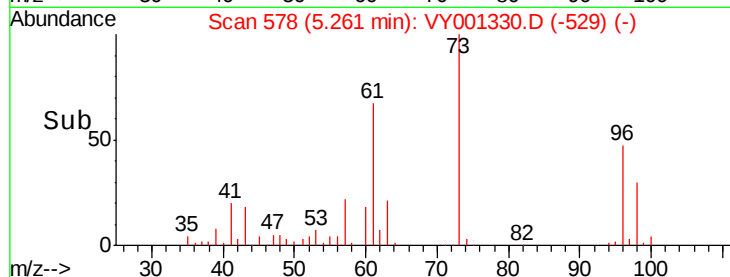
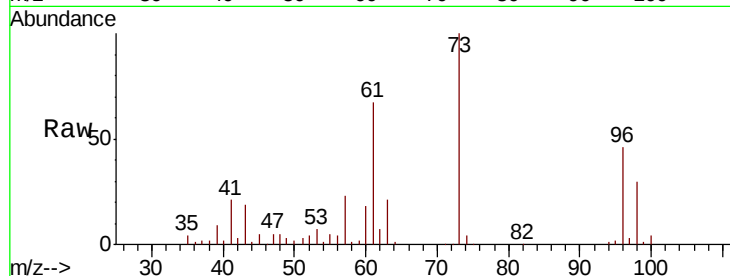
Tot Ion: 96 Resp: 52383

Ion Ratio Lower Upper

96 100

61 144.3 106.8 160.2

98 63.7 51.0 76.6



#22

Diisopropyl ether

Concen: 18.393 ug/l

RT: 6.16 min Scan# 726

Delta R.T. 0.01 min

Lab File: VY001330.D

Acq: 22 Jan 2020 15:02

Tgt Ion: 45 Resp: 161183

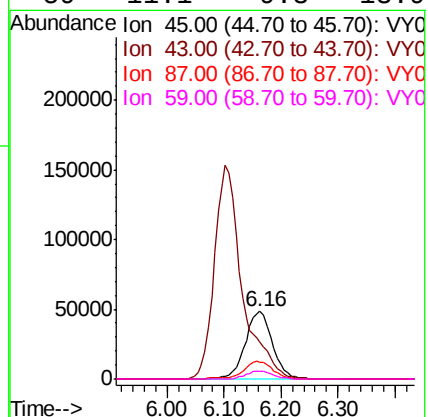
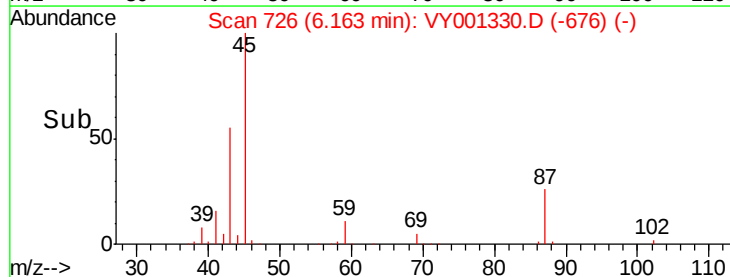
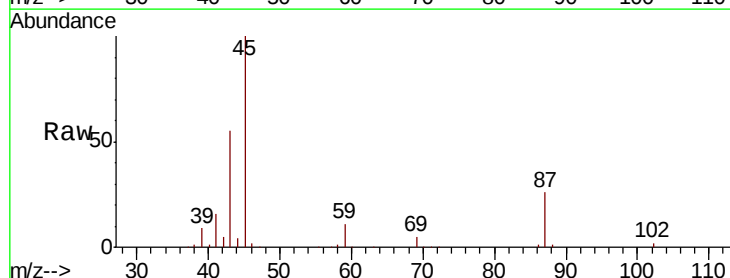
Ion Ratio Lower Upper

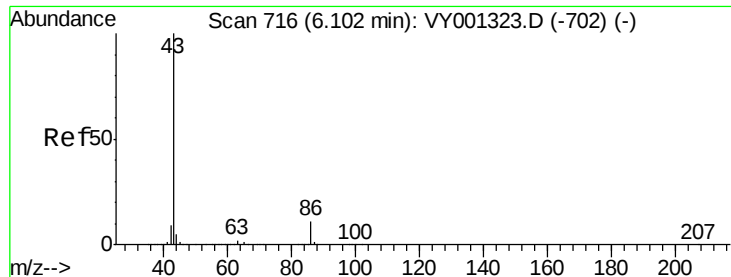
45 100

43 54.8 49.2 73.8

87 25.7 21.4 32.2

59 11.1 9.3 13.9





#23

Vinyl Acetate

Concen: 90.924 ug/l

RT: 6.10 min Scan# 716

Delta R.T. 0.01 min

Lab File: VY001330.D

Acq: 22 Jan 2020 15:02

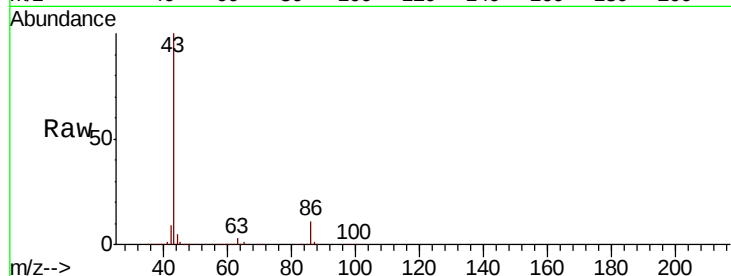
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 43 Resp: 517278

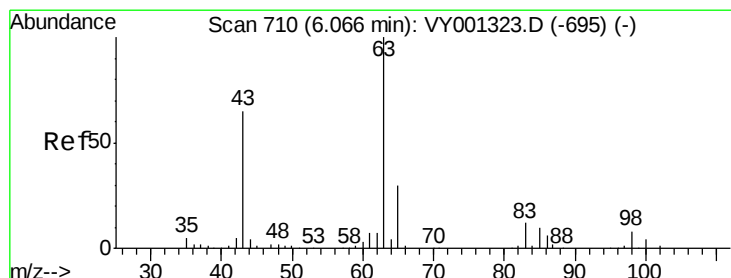
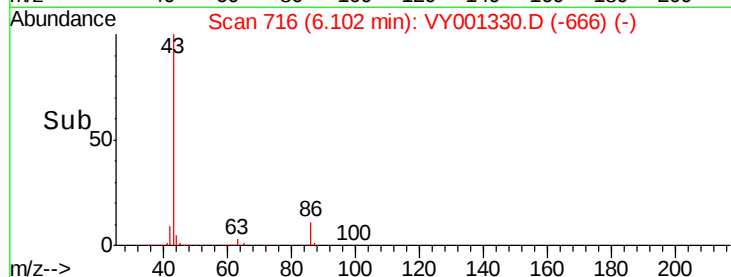
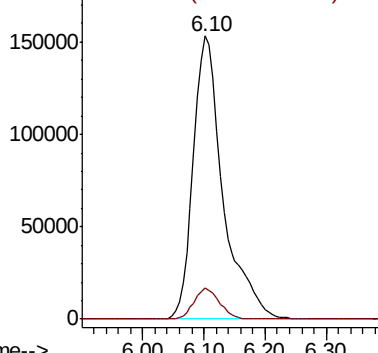
Ion Ratio Lower Upper

43 100

86 10.9 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 19.267 ug/l

RT: 6.06 min Scan# 709

Delta R.T. 0.00 min

Lab File: VY001330.D

Acq: 22 Jan 2020 15:02

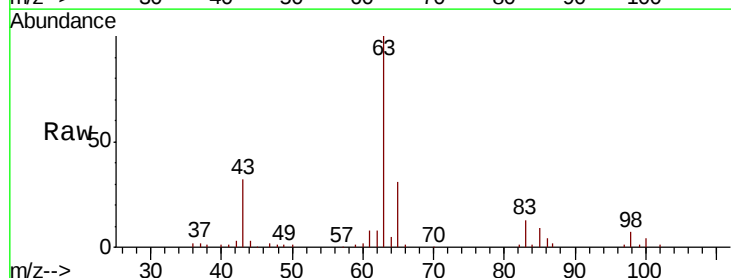
Tgt Ion: 63 Resp: 88995

Ion Ratio Lower Upper

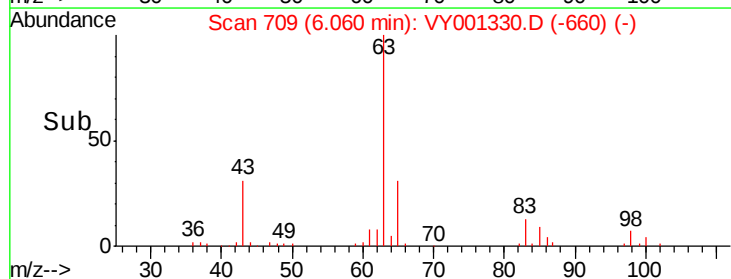
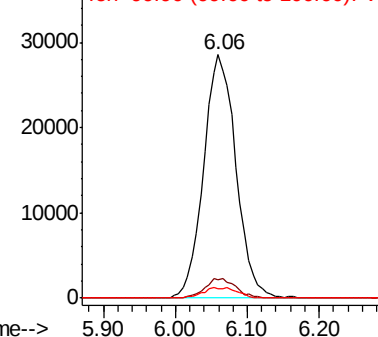
63 100

98 7.5 4.0 12.0

100 4.0 2.1 6.3



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

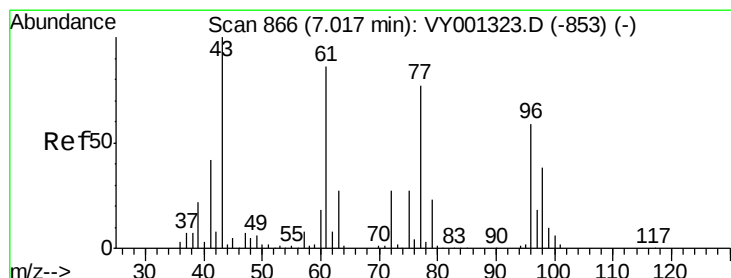
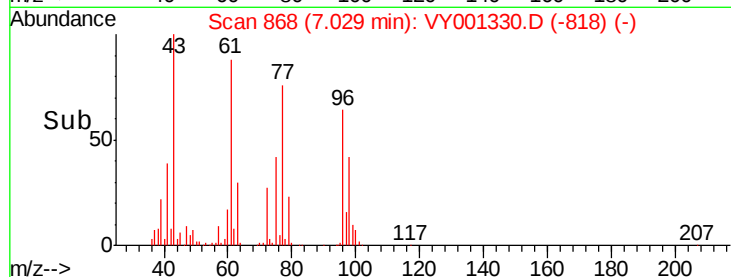
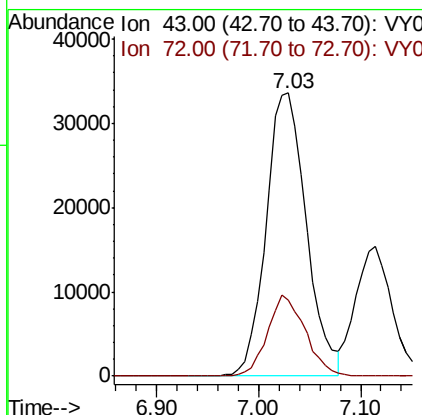
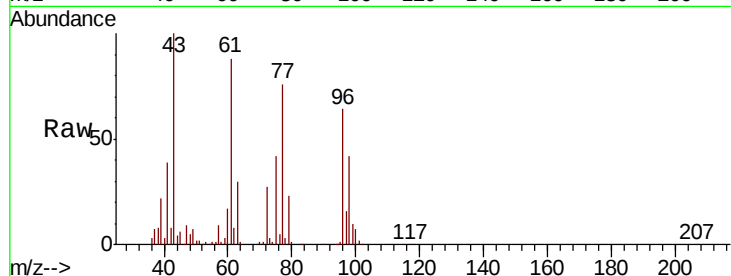




#25
2-Butanone
Concen: 89.056 ug/l
RT: 7.03 min Scan# 868
Delta R.T. 0.01 min
Lab File: VY001330.D
Acq: 22 Jan 2020 15:02

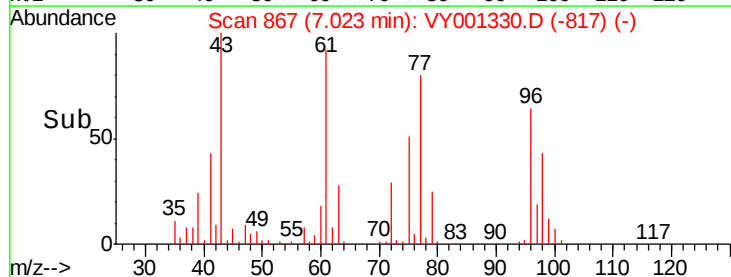
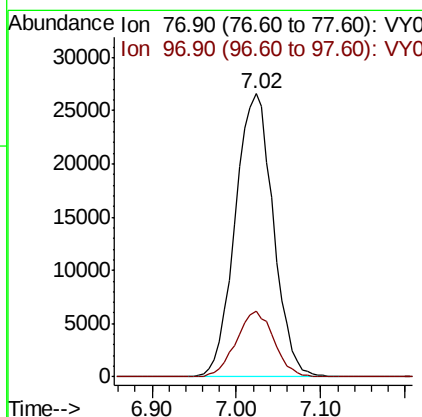
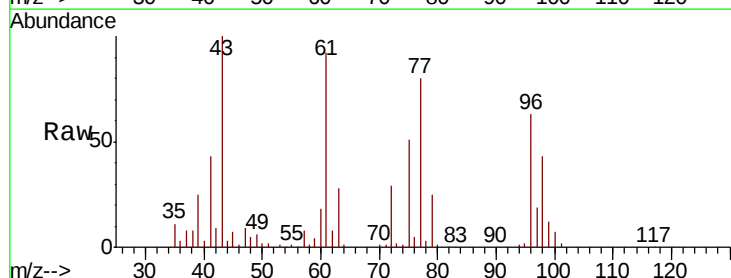
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 43 Resp: 91930
Ion Ratio Lower Upper
43 100
72 26.8 20.6 31.0



#26
2,2-Dichloropropane
Concen: 19.737 ug/l
RT: 7.02 min Scan# 867
Delta R.T. 0.01 min
Lab File: VY001330.D
Acq: 22 Jan 2020 15:02

Tgt Ion: 77 Resp: 81208
Ion Ratio Lower Upper
77 100
97 23.0 11.9 35.5



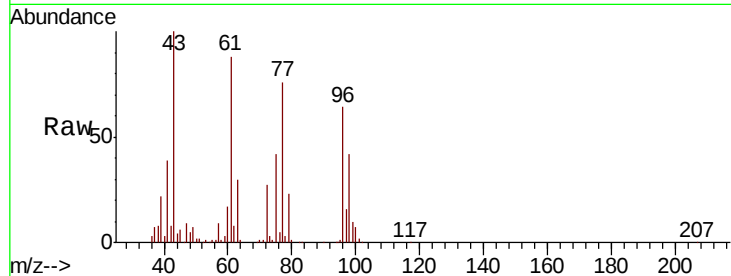


#27

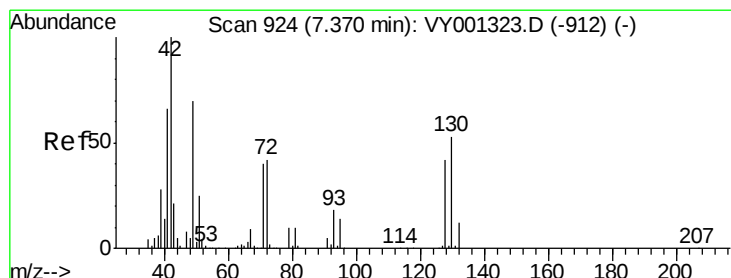
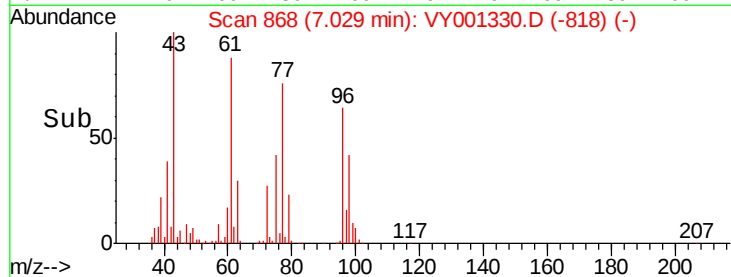
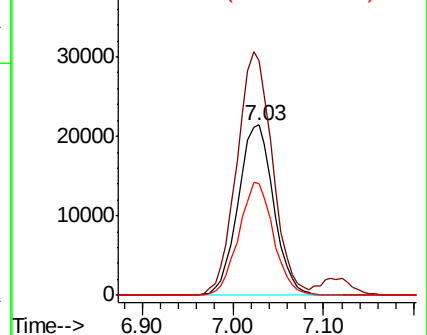
cis-1,2-Dichloroethene
Concen: 19.425 ug/l
RT: 7.03 min Scan# 868
Delta R.T. 0.01 min
Lab File: VY001330.D
Acq: 22 Jan 2020 15:02

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 96 Resp: 58356
Ion Ratio Lower Upper
96 100
61 143.1 0.0 284.8
98 64.6 0.0 128.4



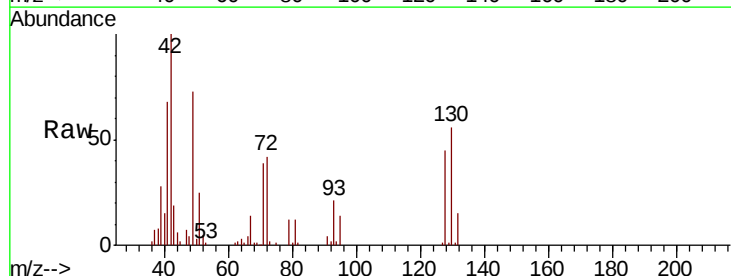
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



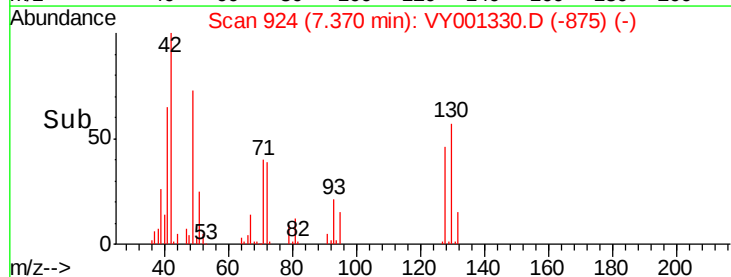
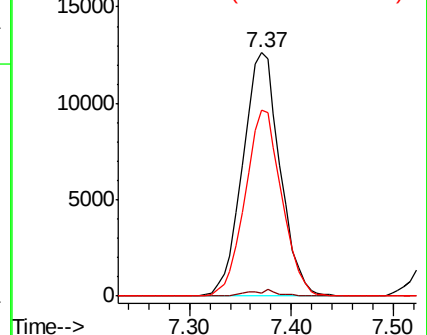
#28

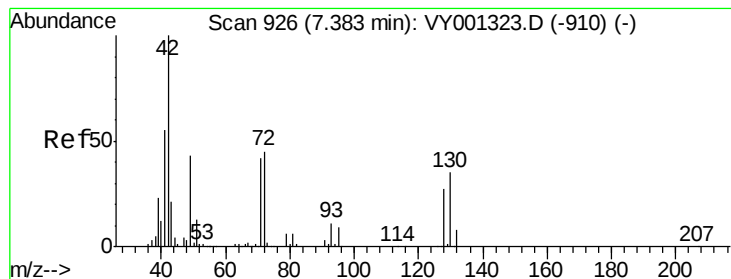
Bromochloromethane
Concen: 16.869 ug/l
RT: 7.37 min Scan# 924
Delta R.T. 0.00 min
Lab File: VY001330.D
Acq: 22 Jan 2020 15:02

Tgt Ion: 49 Resp: 32134
Ion Ratio Lower Upper
49 100
129 1.9 0.0 4.0
130 75.0 58.9 88.3



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





#29

Tetrahydrofuran

Concen: 87.474 ug/l

RT: 7.38 min Scan# 926

Delta R.T. 0.00 min

Lab File: VY001330.D

Acq: 22 Jan 2020 15:02

Instrument :
MSVOA_Y
ClientSampled :

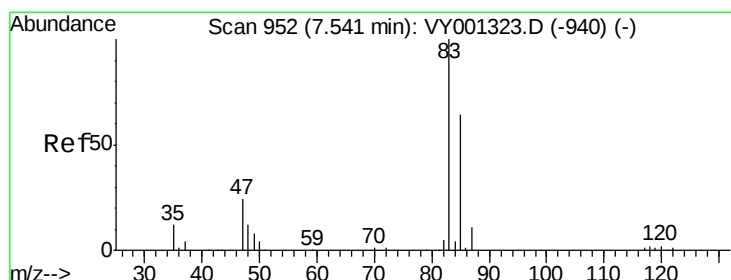
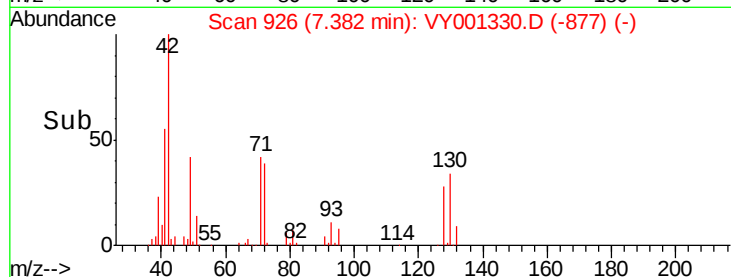
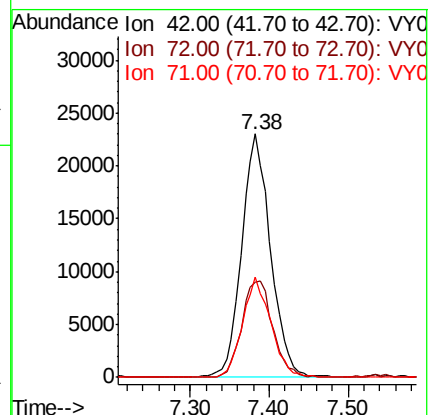
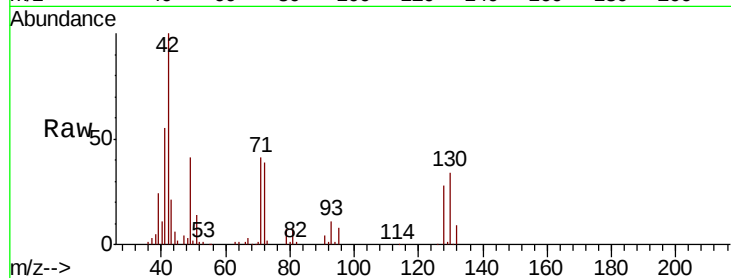
Tot Ion: 42 Resp: 58746

Ion Ratio Lower Upper

42 100

72 42.5 34.6 51.8

71 40.1 32.6 48.8



#30

Chloroform

Concen: 19.256 ug/l

RT: 7.54 min Scan# 952

Delta R.T. 0.00 min

Lab File: VY001330.D

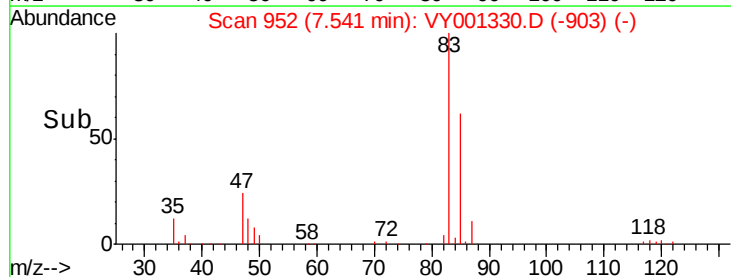
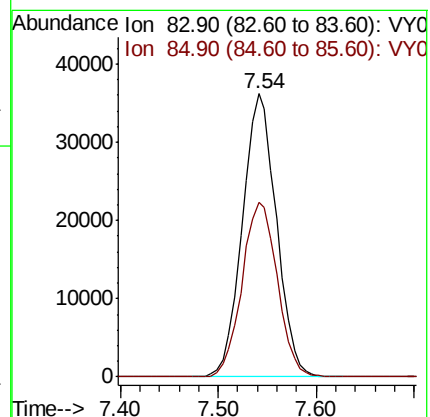
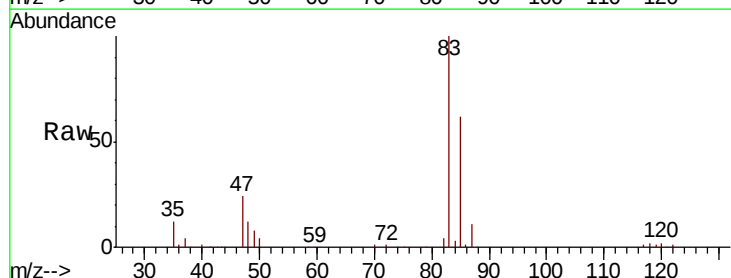
Acq: 22 Jan 2020 15:02

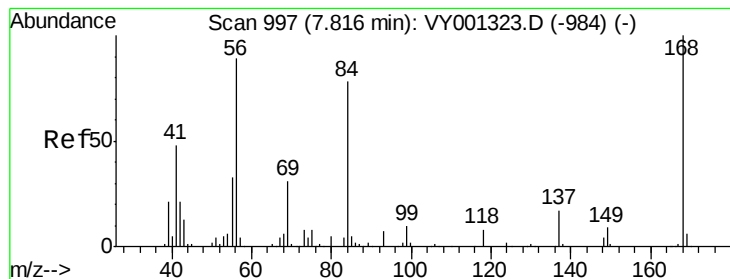
Tgt Ion: 83 Resp: 87180

Ion Ratio Lower Upper

83 100

85 61.5 51.5 77.3





#31

Cyclohexane

Concen: 20.494 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.00 min

Lab File: VY001330.D

Acq: 22 Jan 2020 15:02

Instrument :

MSVOA_Y

ClientSampled :

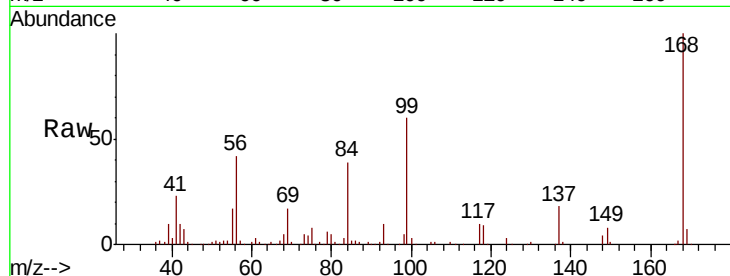
Tot Ion: 56 Resp: 93988

Ion Ratio Lower Upper

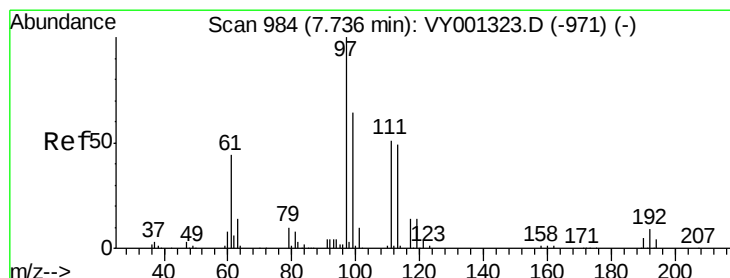
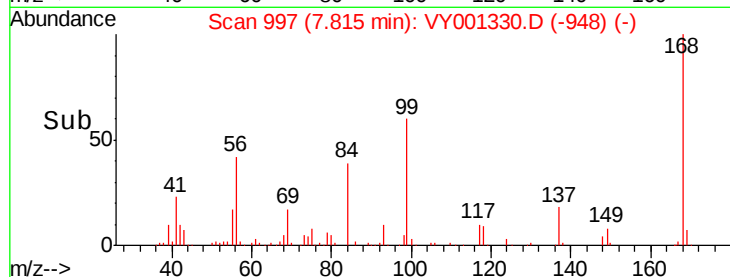
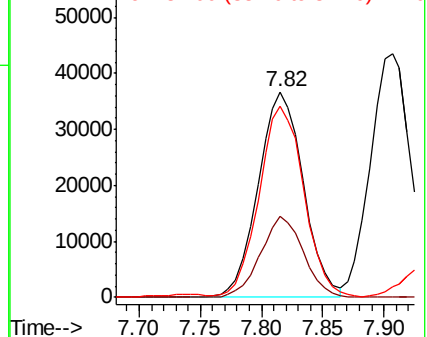
56 100

69 39.1 27.6 41.4

84 91.3 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: 19.722 ug/l

RT: 7.74 min Scan# 984

Delta R.T. 0.00 min

Lab File: VY001330.D

Acq: 22 Jan 2020 15:02

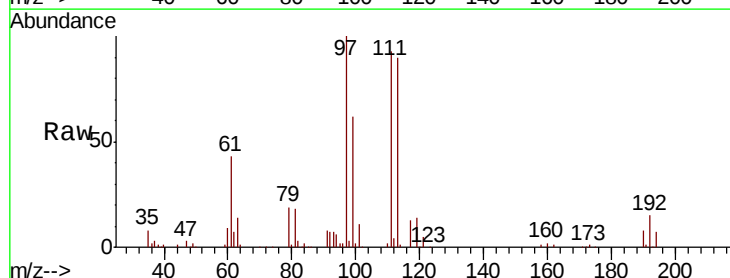
Tgt Ion: 97 Resp: 75394

Ion Ratio Lower Upper

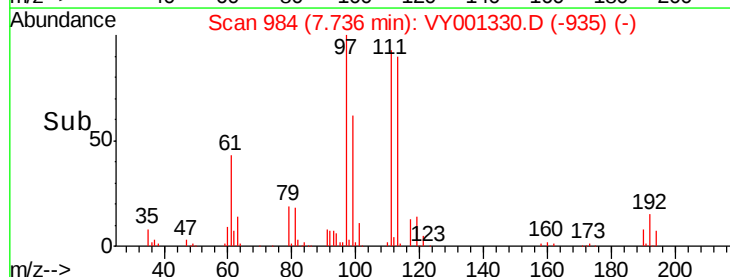
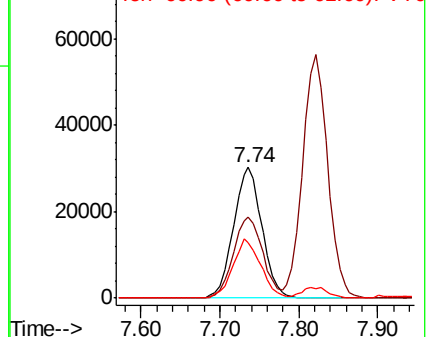
97 100

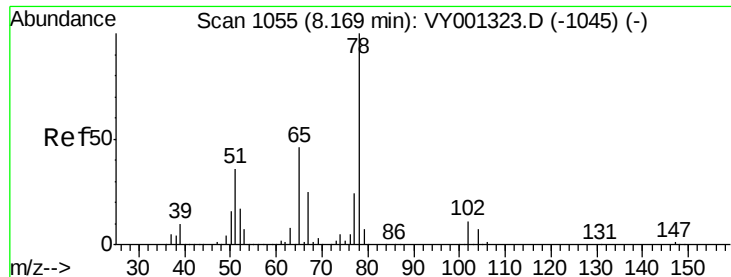
99 64.7 51.3 76.9

61 44.2 35.9 53.9



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: 48.023 ug/l

RT: 8.17 min Scan# 1055

Delta R.T. -0.01 min

Lab File: VY001330.D

Acq: 22 Jan 2020 15:02

Instrument :

MSVOA_Y

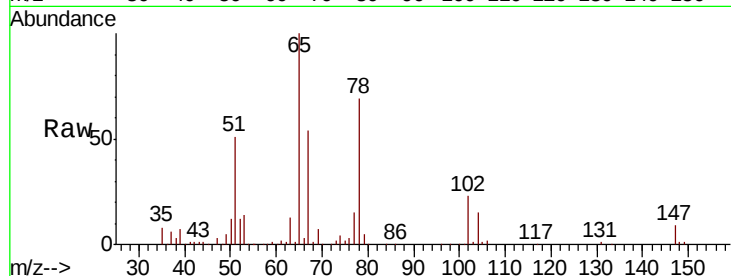
ClientSampleId :

Tot Ion: 65 Resp: 113893

Ion Ratio Lower Upper

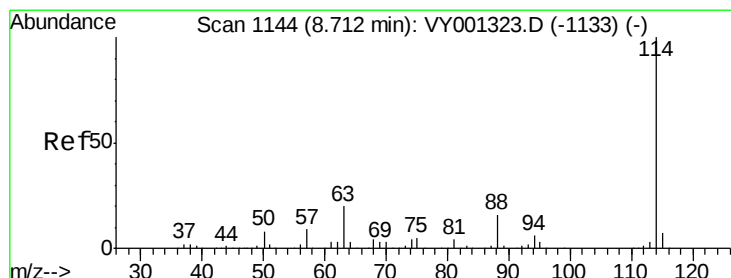
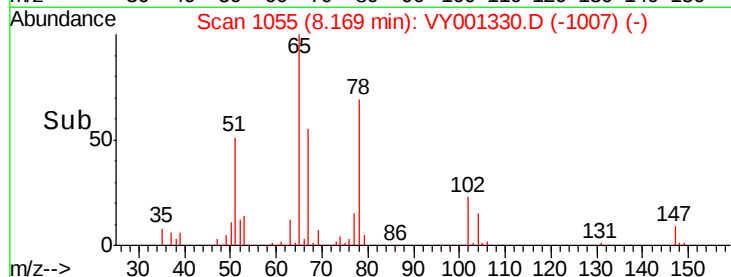
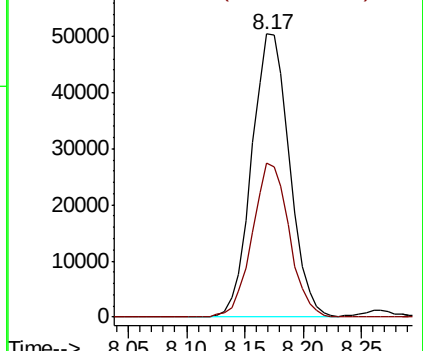
65 100

67 53.5 0.0 108.6



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.72 min Scan# 1145

Delta R.T. 0.00 min

Lab File: VY001330.D

Acq: 22 Jan 2020 15:02

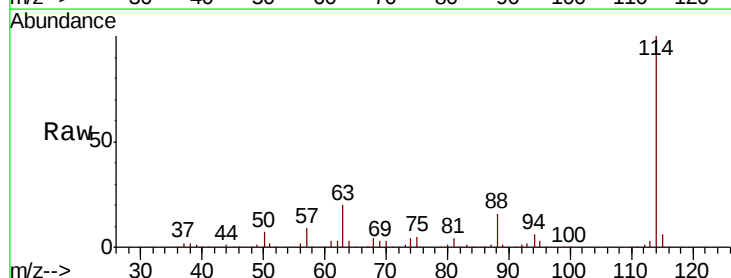
Tgt Ion: 114 Resp: 372252

Ion Ratio Lower Upper

114 100

63 20.4 0.0 40.8

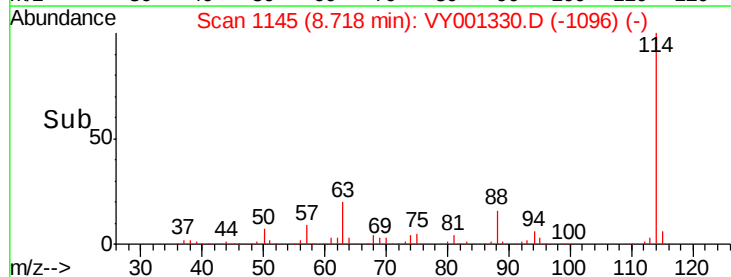
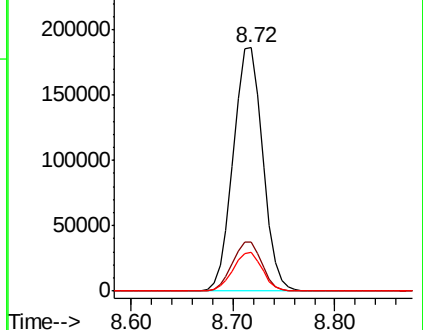
88 16.1 0.0 31.0

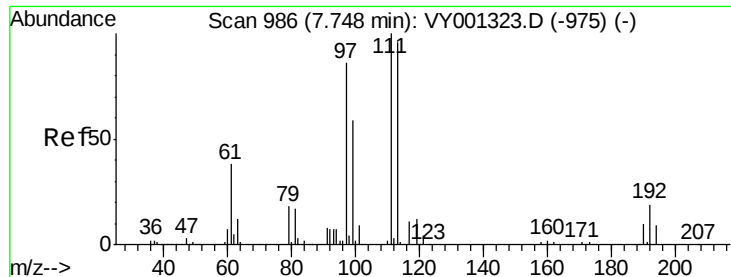


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0

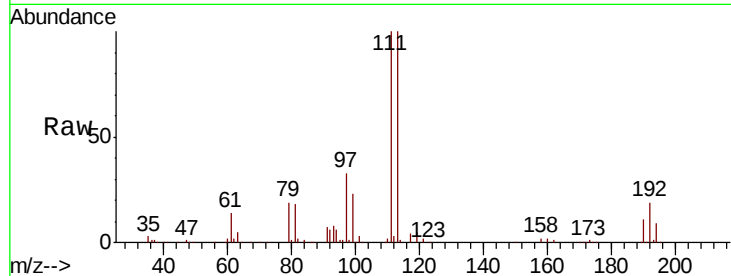




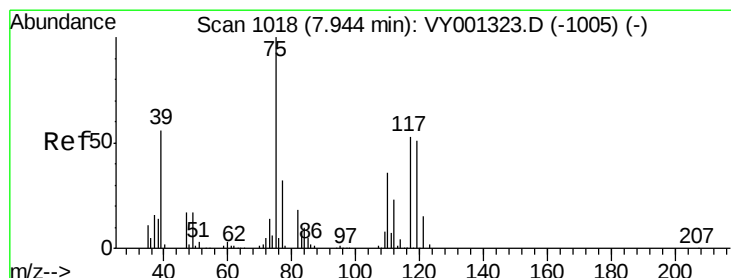
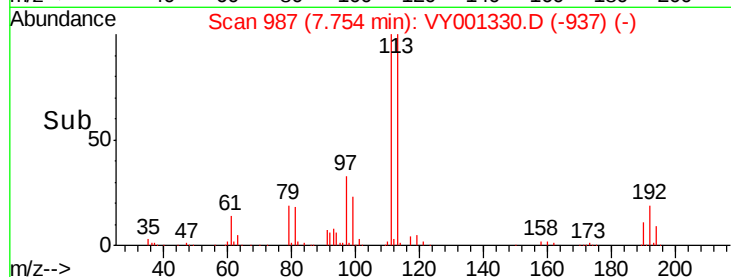
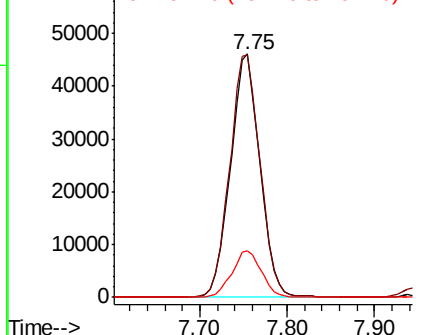
#35
 Dibromofluoromethane
 Concen: 49.452 ug/l
 RT: 7.75 min Scan# 987
 Delta R.T. 0.01 min
 Lab File: VY001330.D
 Acq: 22 Jan 2020 15:02

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion:113 Resp: 108043
 Ion Ratio Lower Upper
 113 100
 111 102.5 82.8 124.2
 192 18.9 15.5 23.3

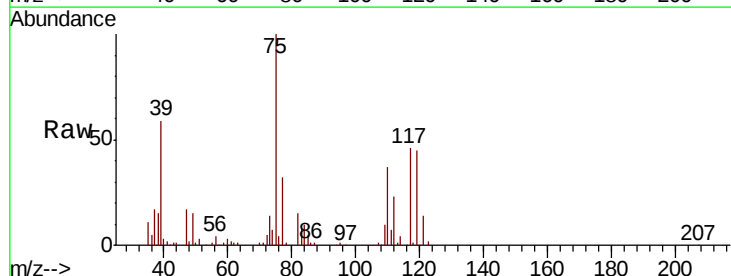


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

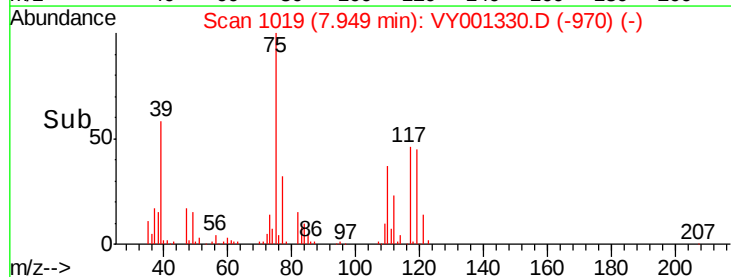
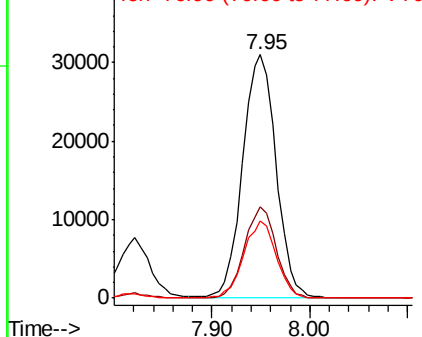


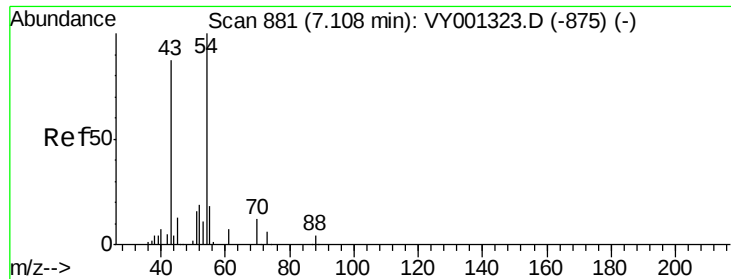
#36
 1,1-Dichloropropene
 Concen: 20.909 ug/l
 RT: 7.95 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: VY001330.D
 Acq: 22 Jan 2020 15:02

Tgt Ion: 75 Resp: 73534
 Ion Ratio Lower Upper
 75 100
 110 35.8 17.6 52.8
 77 30.9 24.7 37.1



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

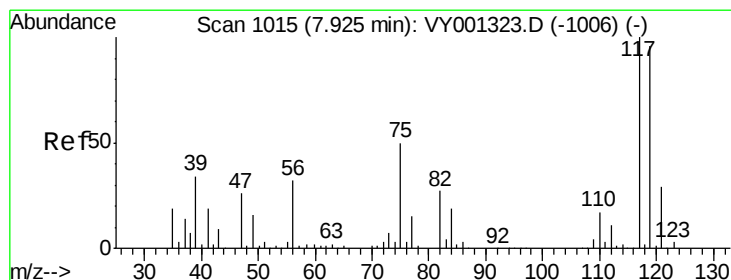
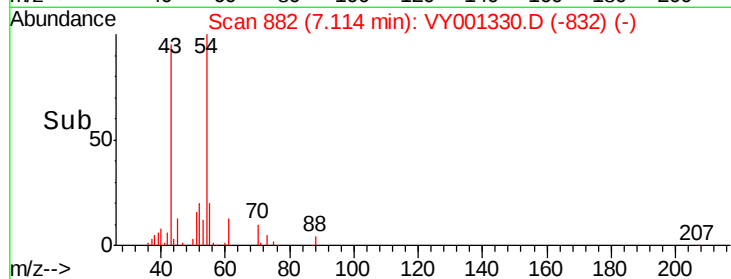
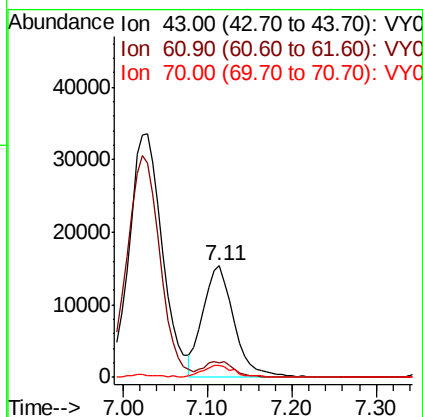
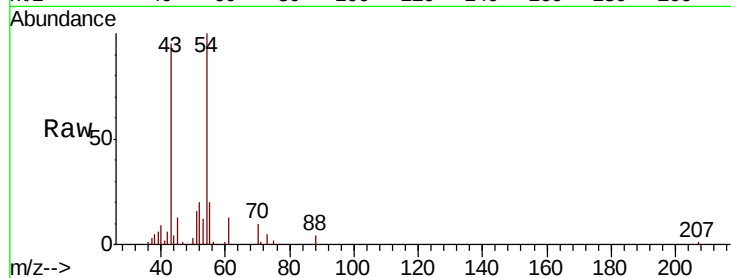




#37
Ethyl Acetate
Concen: 18.504 ug/l
RT: 7.11 min Scan# 882
Delta R.T. 0.01 min
Lab File: VY001330.D
Acq: 22 Jan 2020 15:02

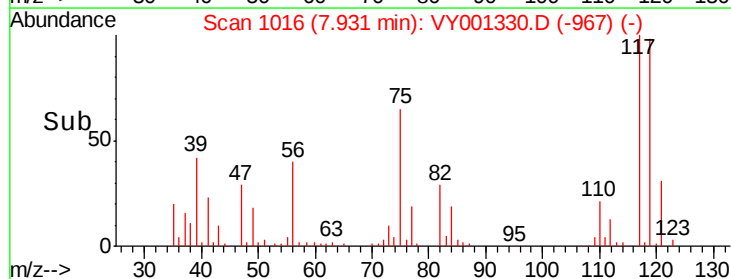
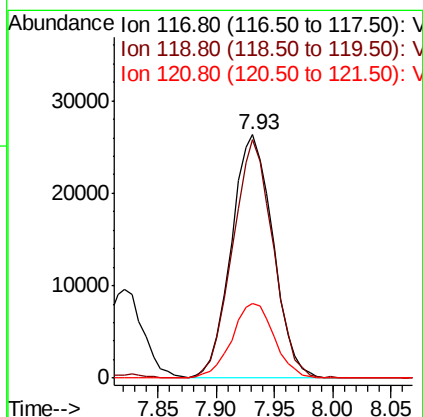
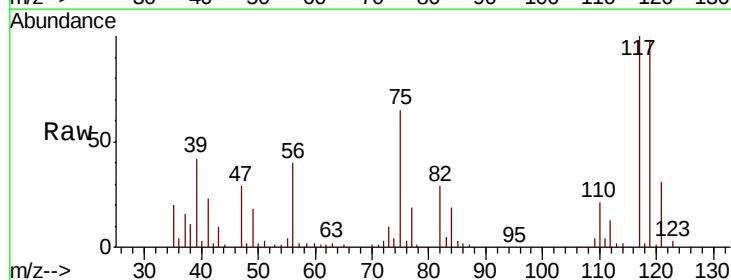
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 43 Resp: 39760
Ion Ratio Lower Upper
43 100
61 13.9 11.3 16.9
70 10.8 8.7 13.1



#38
Carbon Tetrachloride
Concen: 20.919 ug/l
RT: 7.93 min Scan# 1016
Delta R.T. 0.00 min
Lab File: VY001330.D
Acq: 22 Jan 2020 15:02

Tgt Ion: 117 Resp: 65566
Ion Ratio Lower Upper
117 100
119 97.8 76.3 114.5
121 30.5 23.5 35.3

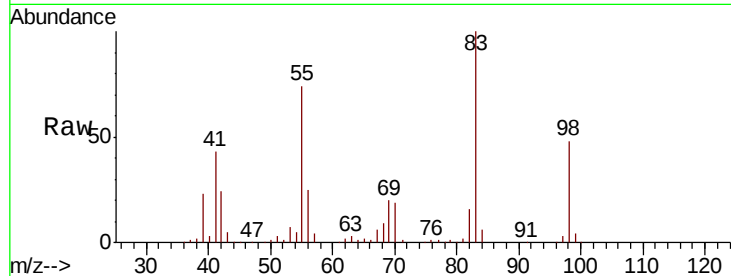




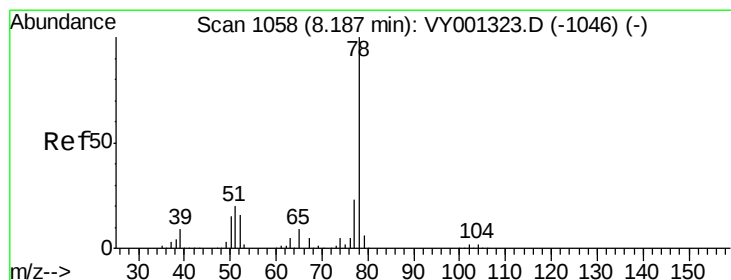
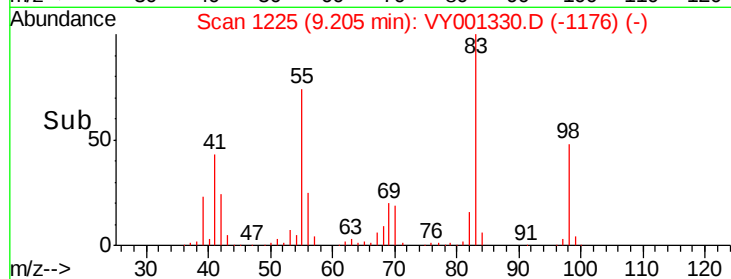
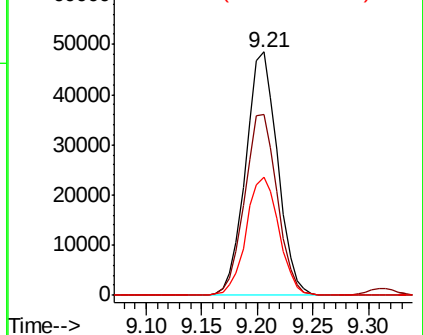
#39
Methvlcvclohexane
Concen: 21.547 ug/l
RT: 9.21 min Scan# 1225
Delta R.T. 0.00 min
Lab File: VY001330.D
Acq: 22 Jan 2020 15:02

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 83 Resp: 97073
Ion Ratio Lower Upper
83 100
55 74.2 60.7 91.1
98 48.4 37.8 56.8

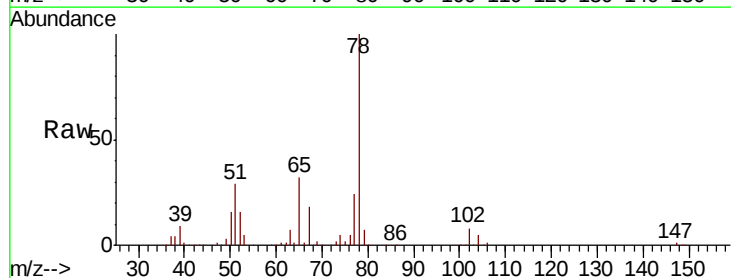


Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

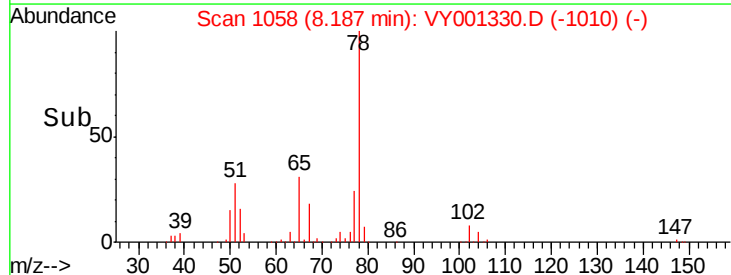
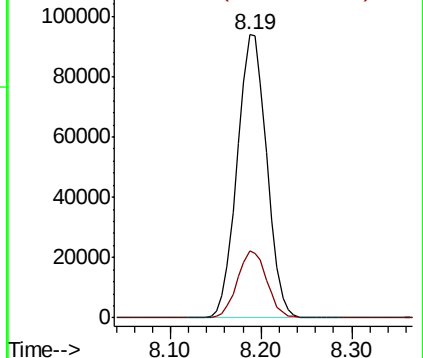


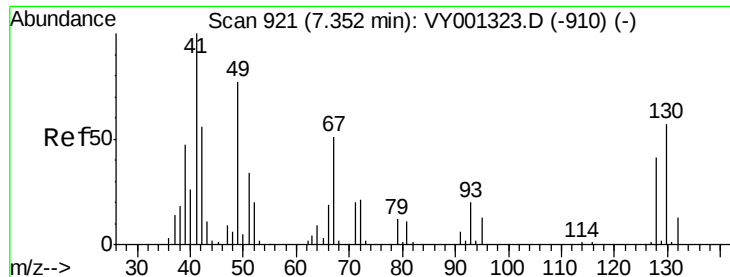
#40
Benzene
Concen: 20.103 ug/l
RT: 8.19 min Scan# 1058
Delta R.T. -0.01 min
Lab File: VY001330.D
Acq: 22 Jan 2020 15:02

Tgt Ion: 78 Resp: 211991
Ion Ratio Lower Upper
78 100
77 23.7 18.6 27.8



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

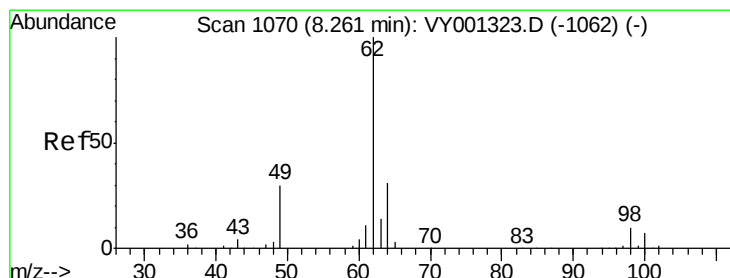
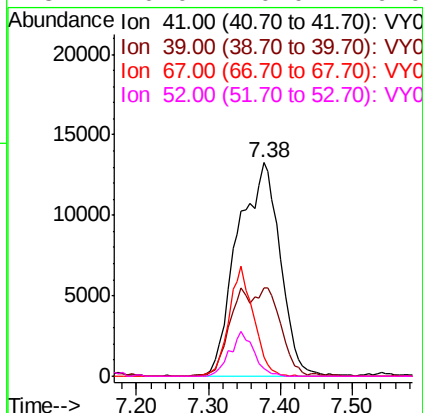
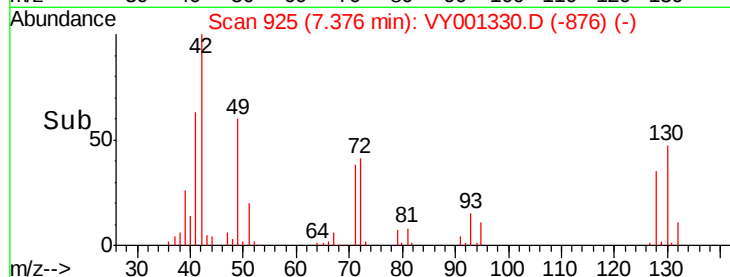
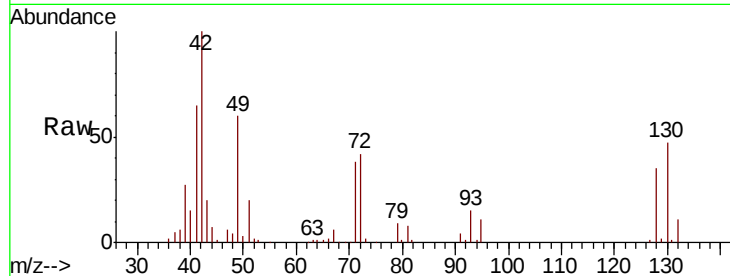




#41
Methacrylonitrile
Concen: 49.419 ug/l
RT: 7.38 min Scan# 925
Delta R.T. 0.00 min
Lab File: VY001330.D
Acq: 22 Jan 2020 15:02

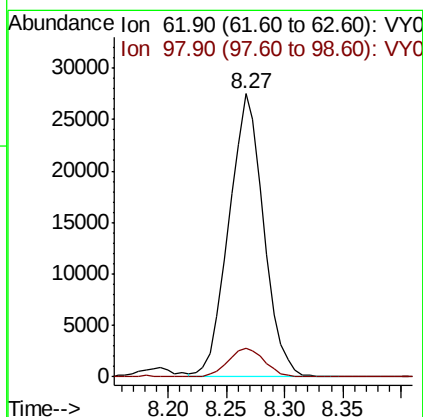
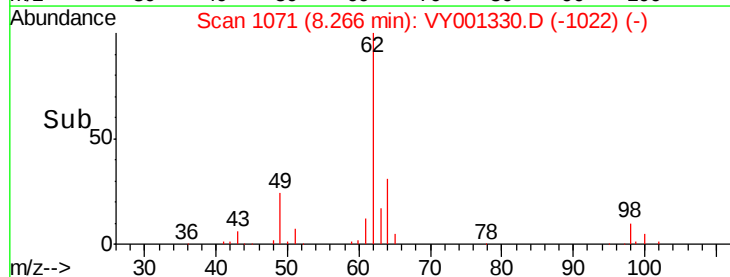
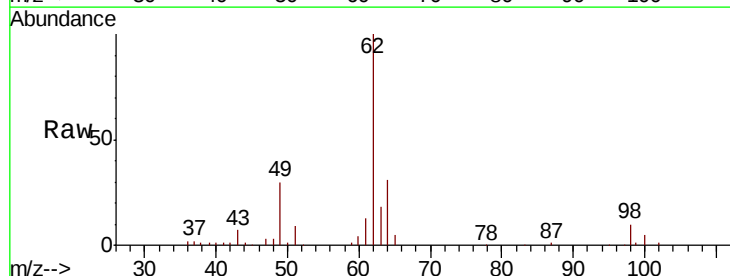
Instrument :
MSVOA_Y
ClientSampled :

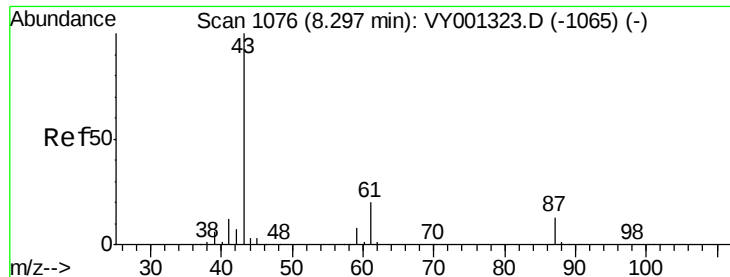
Tot Ion:	41	Resp:	54796
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 19.384 ug/l
RT: 8.27 min Scan# 1071
Delta R.T. 0.00 min
Lab File: VY001330.D
Acq: 22 Jan 2020 15:02

Tgt Ion:	62	Resp:	57115
Ion	Ratio	Lower	Upper
62	100		
98	10.4	0.0	20.8



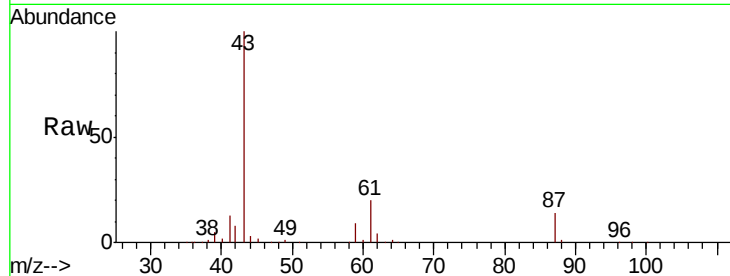


#43

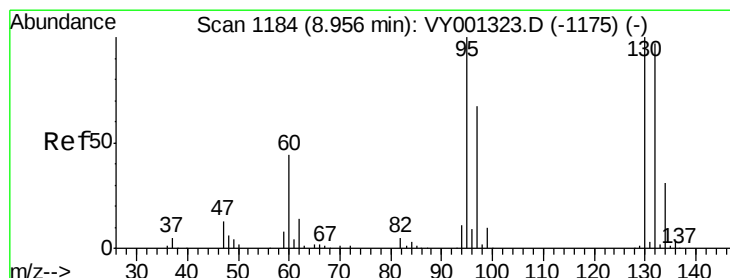
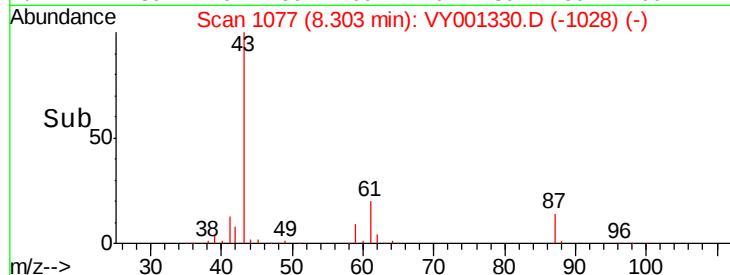
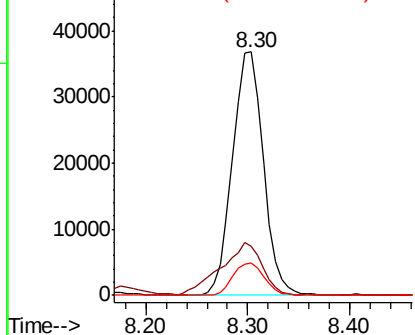
Isopropyl Acetate
 Concen: 18.532 ug/l
 RT: 8.30 min Scan# 1077
 Delta R.T. 0.00 min
 Lab File: VY001330.D
 Acq: 22 Jan 2020 15:02

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion: 43 Resp: 77430
 Ion Ratio Lower Upper
 43 100
 61 29.1 22.7 34.1
 87 13.5 11.0 16.4



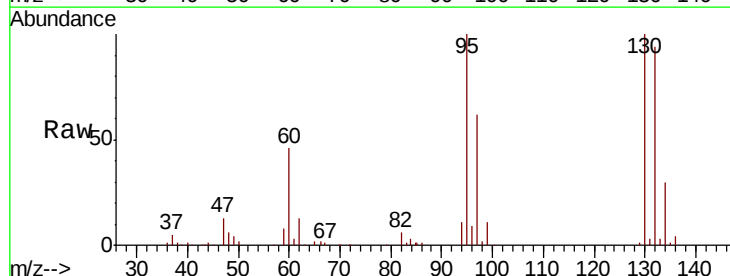
Abundance Ion 43.00 (42.70 to 43.70): VY0
 Ion 61.00 (60.70 to 61.70): VY0
 Ion 87.00 (86.70 to 87.70): VY0



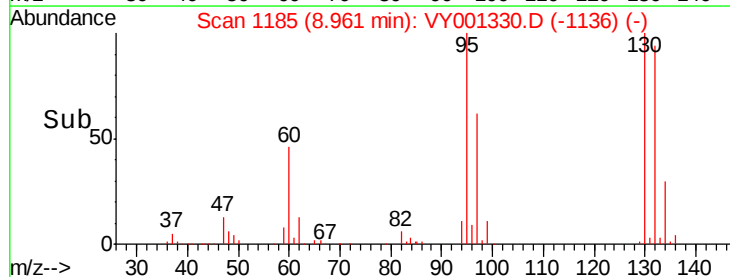
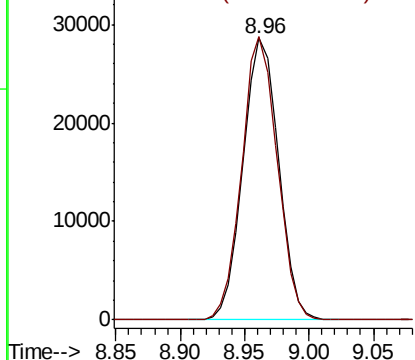
#44

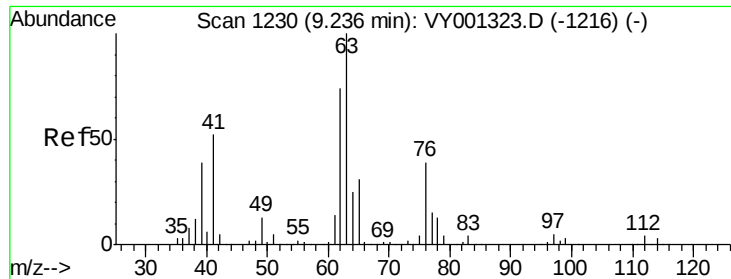
Trichloroethene
 Concen: 20.191 ug/l
 RT: 8.96 min Scan# 1185
 Delta R.T. 0.00 min
 Lab File: VY001330.D
 Acq: 22 Jan 2020 15:02

Tgt Ion:130 Resp: 54637
 Ion Ratio Lower Upper
 130 100
 95 100.4 0.0 200.0



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

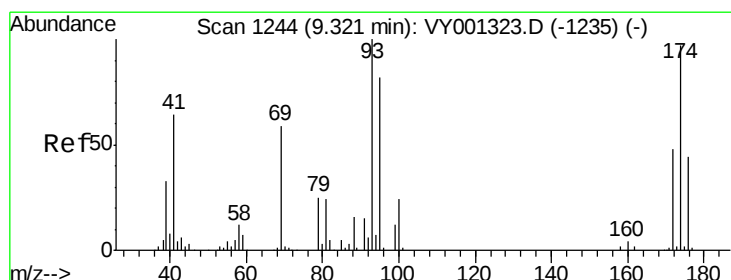
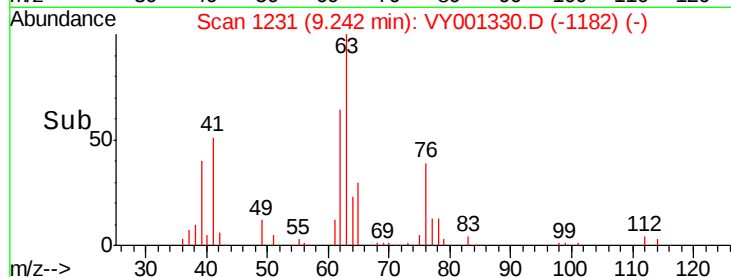
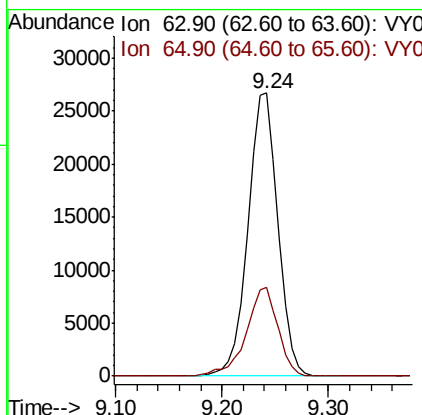
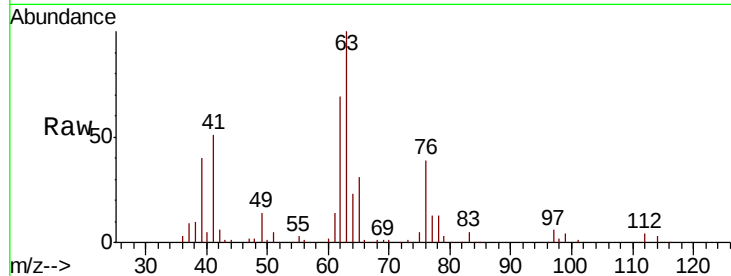




#45
 1,2-Dichloropropane
 Concen: 19.768 ug/l
 RT: 9.24 min Scan# 1231
 Delta R.T. 0.00 min
 Lab File: VY001330.D
 Acq: 22 Jan 2020 15:02

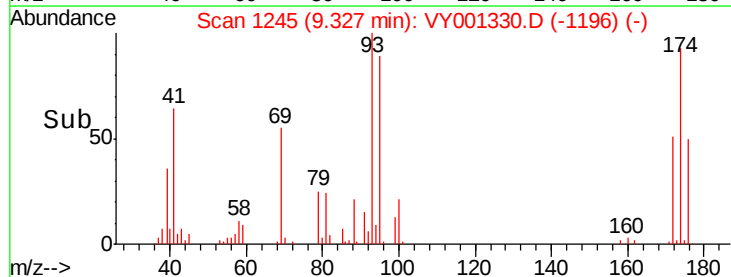
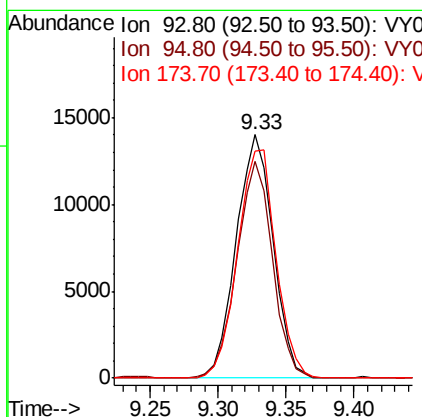
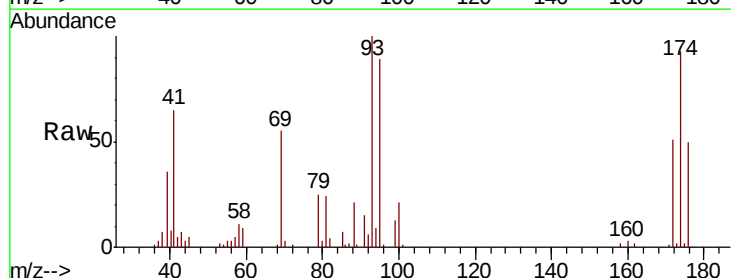
Instrument :
 MSVOA_Y
 ClientSampleId :

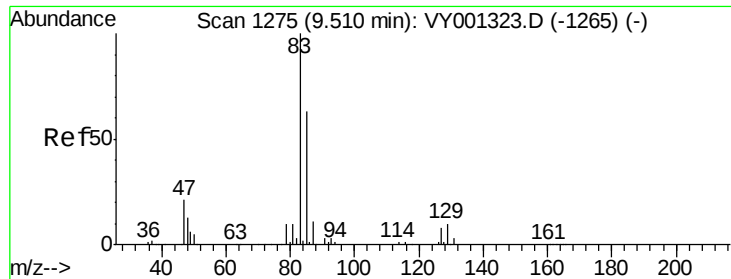
Tot Ion: 63 Resp: 52697
 Ion Ratio Lower Upper
 63 100
 65 31.3 24.9 37.3



#46
 Dibromomethane
 Concen: 18.549 ug/l
 RT: 9.33 min Scan# 1245
 Delta R.T. 0.00 min
 Lab File: VY001330.D
 Acq: 22 Jan 2020 15:02

Tgt Ion: 93 Resp: 26545
 Ion Ratio Lower Upper
 93 100
 95 85.9 66.5 99.7
 174 97.6 77.9 116.9

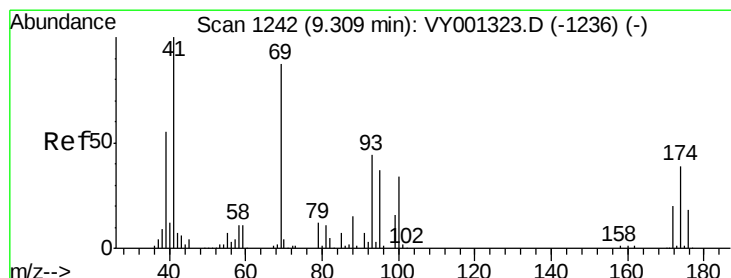
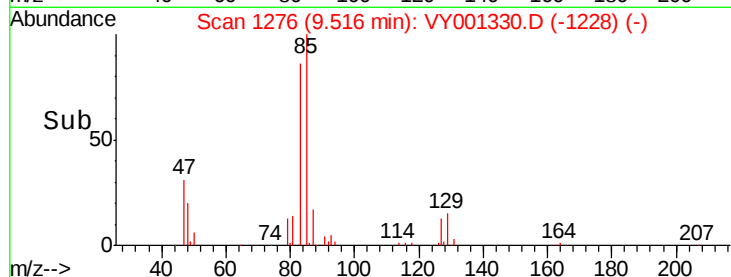
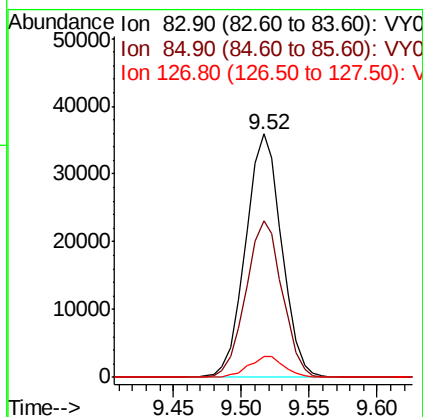
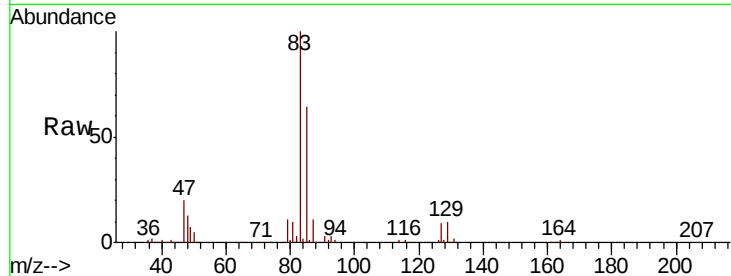




#47
Bromodichloromethane
Concen: 19.457 ug/l
RT: 9.52 min Scan# 1276
Delta R.T. -0.01 min
Lab File: VY001330.D
Acq: 22 Jan 2020 15:02

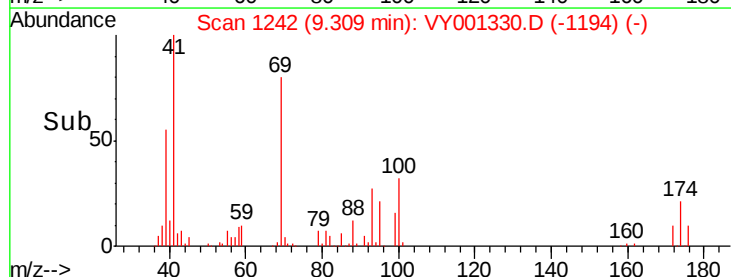
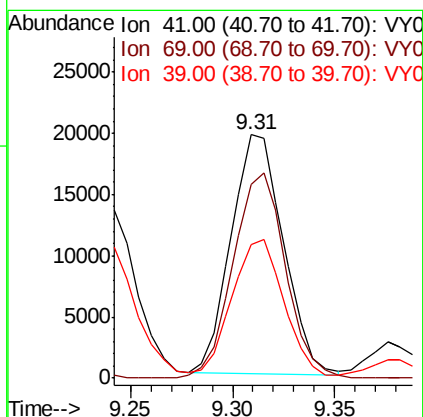
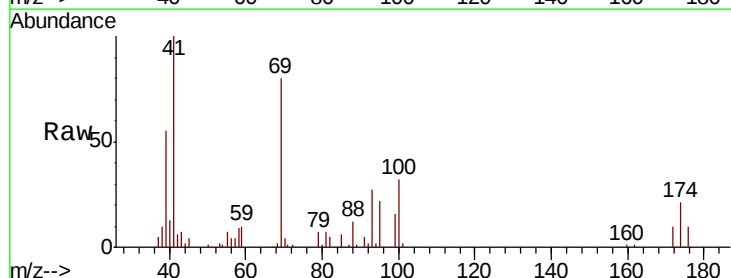
Instrument :
MSVOA_Y
ClientSampleId :

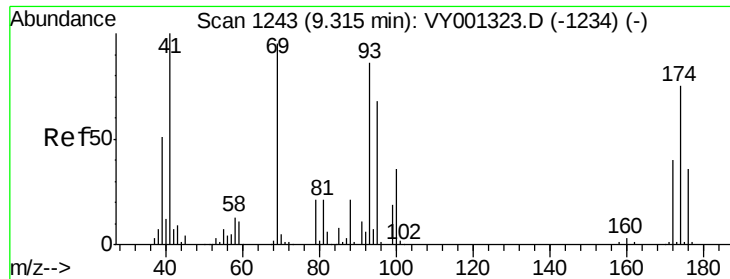
Tot Ion: 83 Resp: 66565
Ion Ratio Lower Upper
83 100
85 64.1 50.2 75.2
127 8.6 6.4 9.6



#48
Methyl methacrylate
Concen: 18.272 ug/l
RT: 9.31 min Scan# 1242
Delta R.T. -0.01 min
Lab File: VY001330.D
Acq: 22 Jan 2020 15:02

Tgt Ion: 41 Resp: 34705
Ion Ratio Lower Upper
41 100
69 86.5 70.2 105.4
39 56.0 45.7 68.5

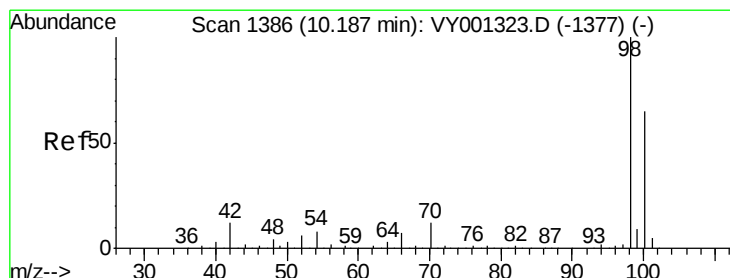
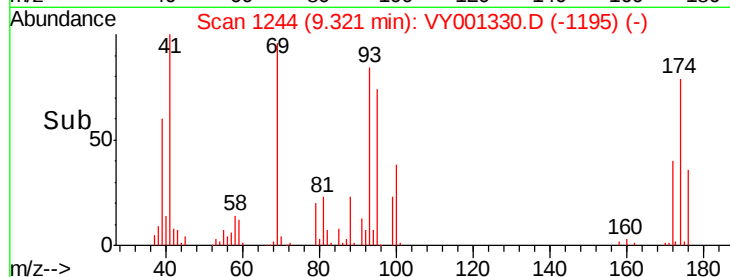
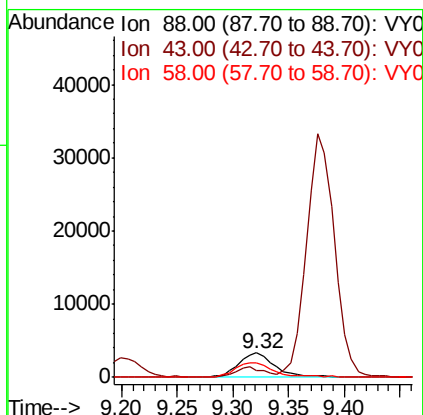
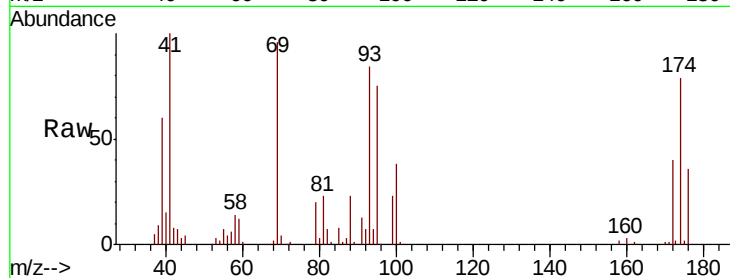




#49
1,4-Dioxane
Concen: 374.852 ug/l
RT: 9.32 min Scan# 1244
Delta R.T. 0.00 min
Lab File: VY001330.D
Acq: 22 Jan 2020 15:02

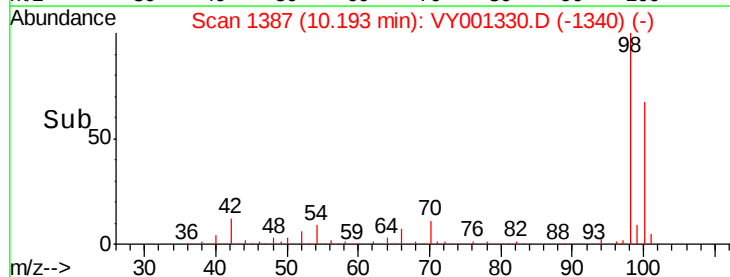
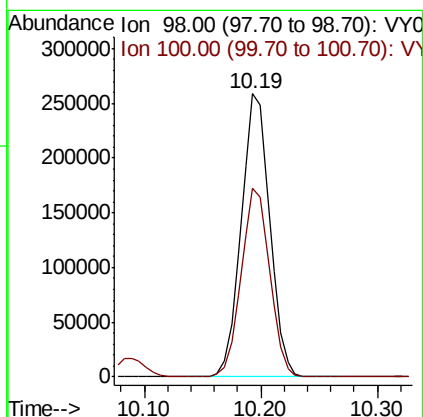
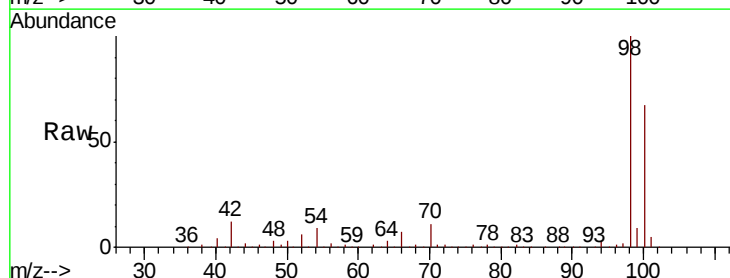
Instrument :
MSVOA_Y
ClientSampleId :

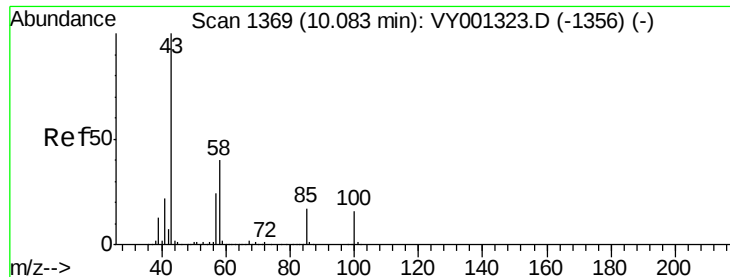
Tot Ion: 88 Resp: 7565
Ion Ratio Lower Upper
88 100
43 35.1 28.2 42.2
58 67.3 55.6 83.4



#50
Toluene-d8
Concen: 52.156 ug/l
RT: 10.19 min Scan# 1387
Delta R.T. -0.01 min
Lab File: VY001330.D
Acq: 22 Jan 2020 15:02

Tgt Ion: 98 Resp: 442716
Ion Ratio Lower Upper
98 100
100 66.6 52.6 79.0

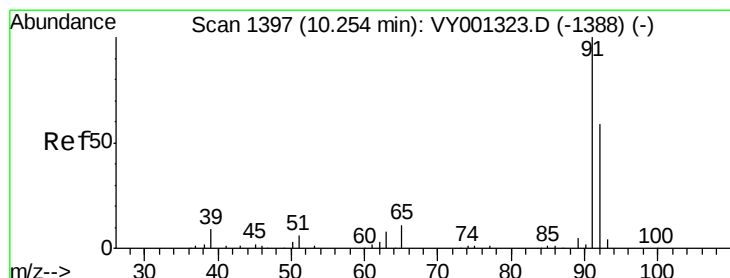
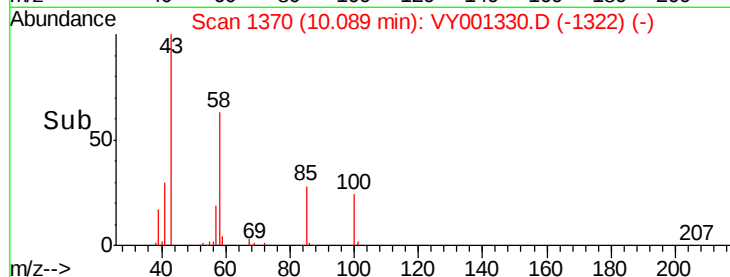
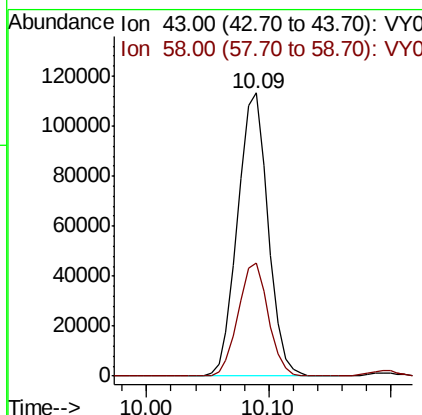
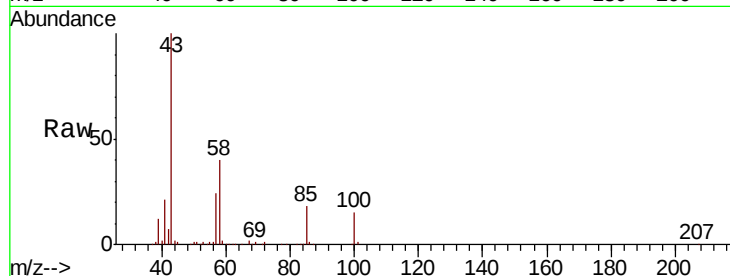




#51
 4-Methyl-2-Pentanone
 Concen: 90.968 ug/l
 RT: 10.09 min Scan# 1370
 Delta R.T. -0.01 min
 Lab File: VY001330.D
 Acq: 22 Jan 2020 15:02

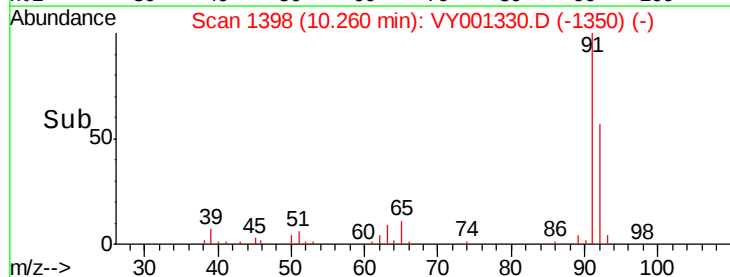
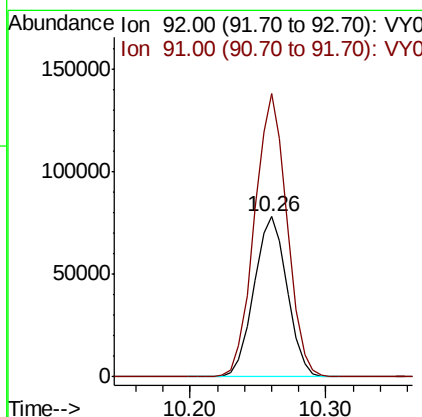
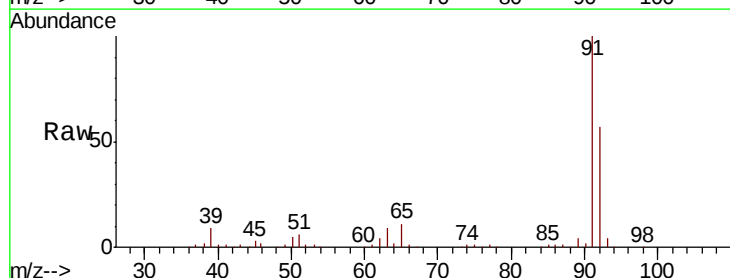
Instrument :
 MSVOA_Y
 ClientSampleId :

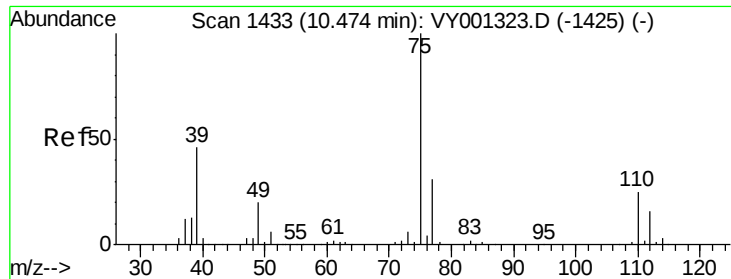
Tot Ion: 43 Resp: 195733
 Ion Ratio Lower Upper
 43 100
 58 39.6 31.5 47.3



#52
 Toluene
 Concen: 19.964 ug/l
 RT: 10.26 min Scan# 1398
 Delta R.T. -0.01 min
 Lab File: VY001330.D
 Acq: 22 Jan 2020 15:02

Tgt Ion: 92 Resp: 133449
 Ion Ratio Lower Upper
 92 100
 91 173.0 136.4 204.6

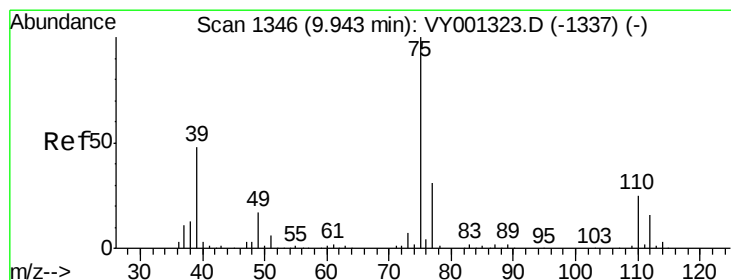
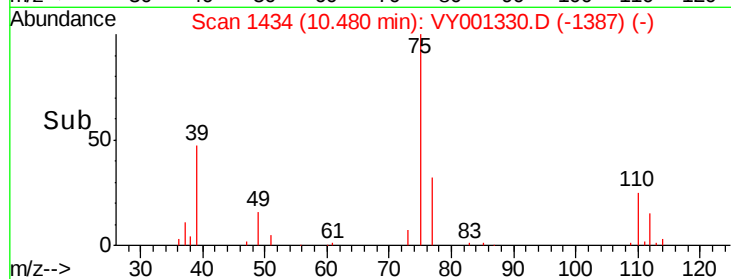
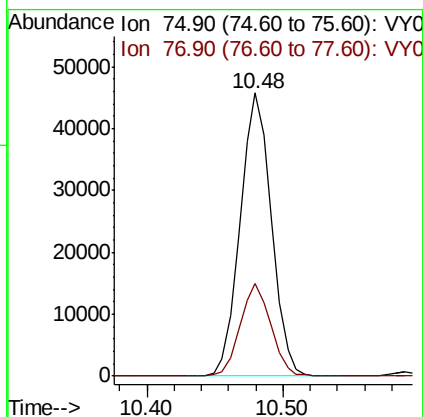
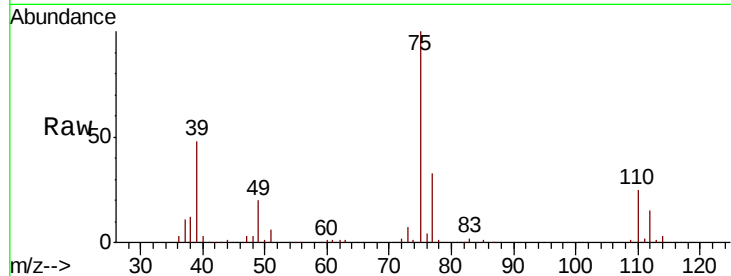




#53
 t-1,3-Dichloropropene
 Concen: 19.347 ug/l
 RT: 10.48 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: VY001330.D
 Acq: 22 Jan 2020 15:02

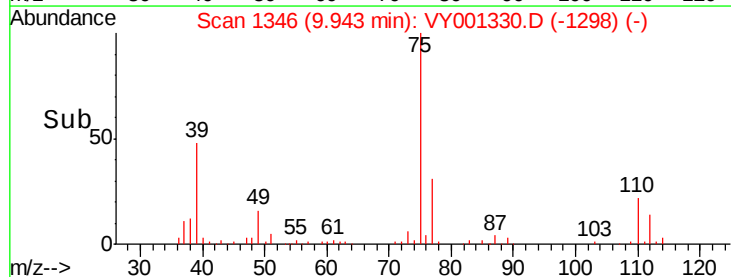
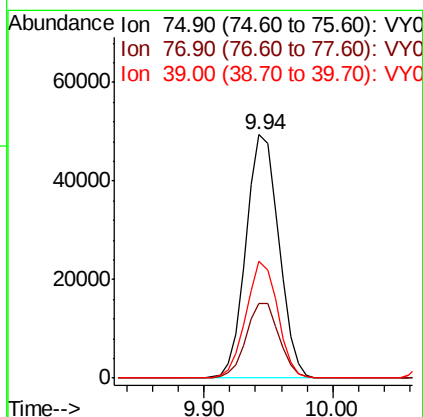
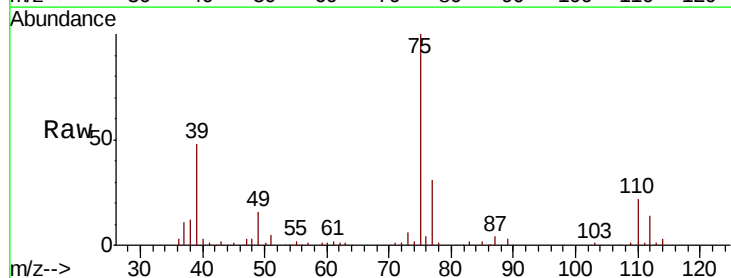
Instrument :
 MSVOA_Y
 ClientSampled :

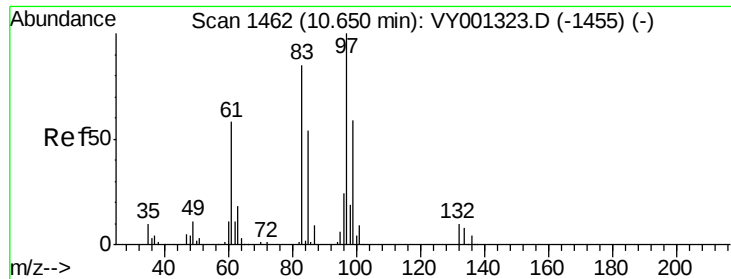
Tot Ion: 75 Resp: 73363
 Ion Ratio Lower Upper
 75 100
 77 32.9 25.2 37.8



#54
 cis-1,3-Dichloropropene
 Concen: 19.963 ug/l
 RT: 9.94 min Scan# 1346
 Delta R.T. -0.01 min
 Lab File: VY001330.D
 Acq: 22 Jan 2020 15:02

Tgt Ion: 75 Resp: 86885
 Ion Ratio Lower Upper
 75 100
 77 30.7 25.0 37.6
 39 48.1 38.2 57.4

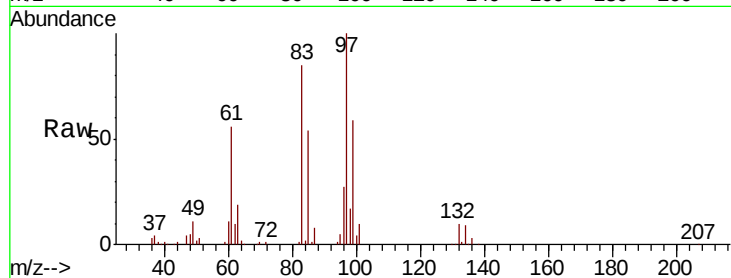




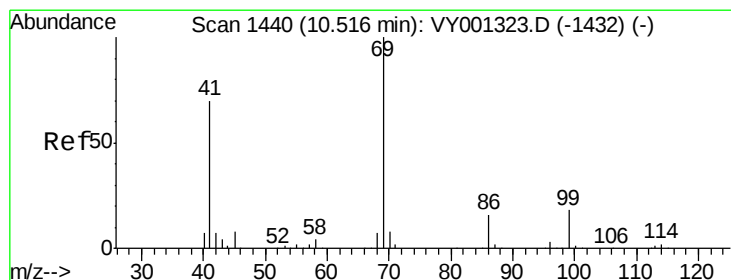
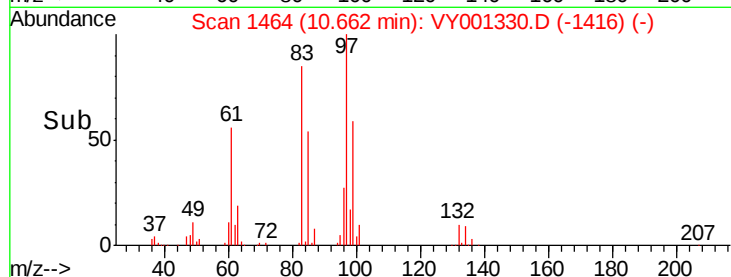
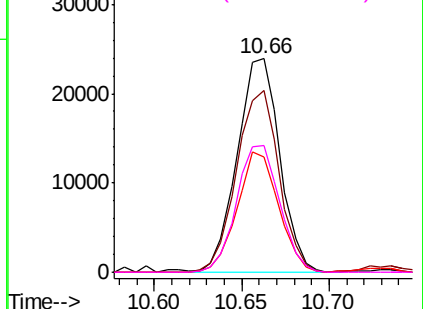
#55
 1,1,2-Trichloroethane
 Concen: 19.033 ug/l
 RT: 10.66 min Scan# 1464
 Delta R.T. -0.01 min
 Lab File: VY001330.D
 Acq: 22 Jan 2020 15:02

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion: 97 Resp: 40204
 Ion Ratio Lower Upper
 97 100
 83 85.2 68.0 102.0
 85 53.8 43.6 65.4
 99 59.5 47.1 70.7

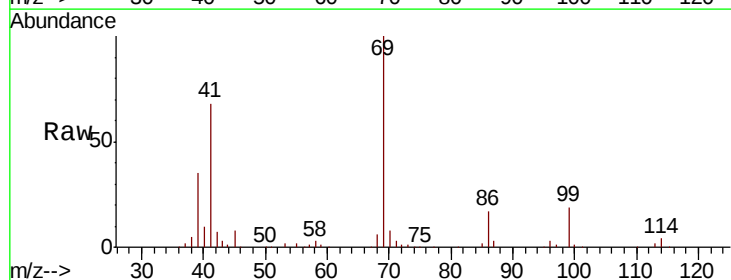


Abundance Ion 96.90 (96.60 to 97.60): VY0
 Ion 82.90 (82.60 to 83.60): VY0
 Ion 84.90 (84.60 to 85.60): VY0
 Ion 98.90 (98.60 to 99.60): VY0

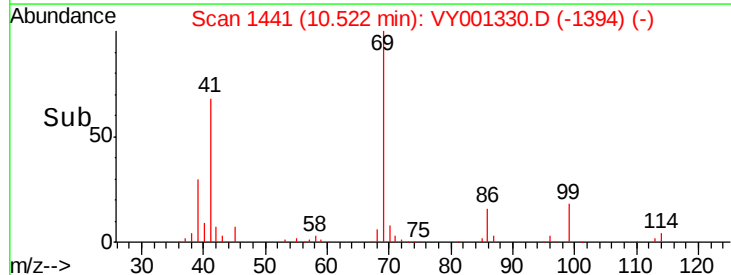
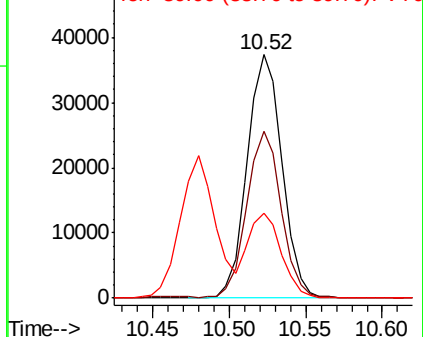


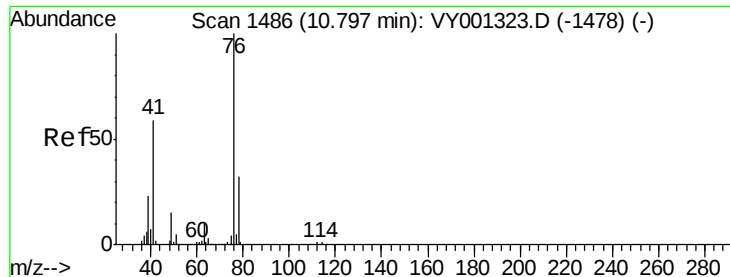
#56
 Ethyl methacrylate
 Concen: 18.582 ug/l
 RT: 10.52 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: VY001330.D
 Acq: 22 Jan 2020 15:02

Tgt Ion: 69 Resp: 59324
 Ion Ratio Lower Upper
 69 100
 41 67.2 54.1 81.1
 39 33.9 26.8 40.2



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: 19.025 ug/l

RT: 10.80 min Scan# 1487

Delta R.T. -0.01 min

Lab File: VY001330.D

Acq: 22 Jan 2020 15:02

Instrument :

MSVOA_Y

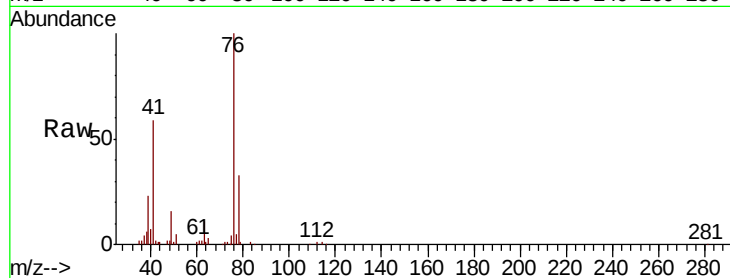
ClientSampled :

Tot Ion: 76 Resp: 70004

Ion Ratio Lower Upper

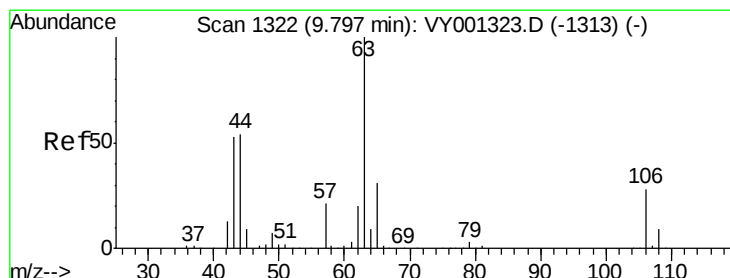
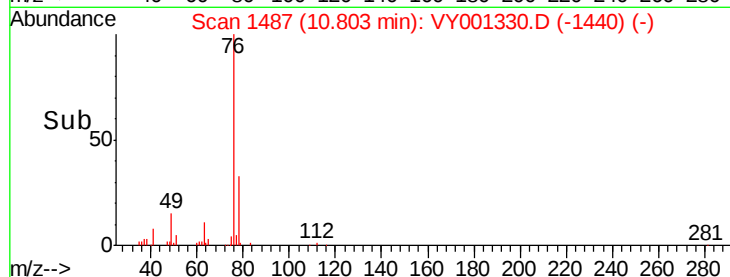
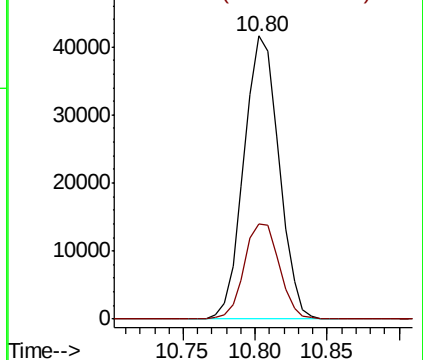
76 100

78 33.7 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#58

2-Chloroethyl Vinyl ether

Concen: 100.130 ug/l

RT: 9.80 min Scan# 1322

Delta R.T. -0.01 min

Lab File: VY001330.D

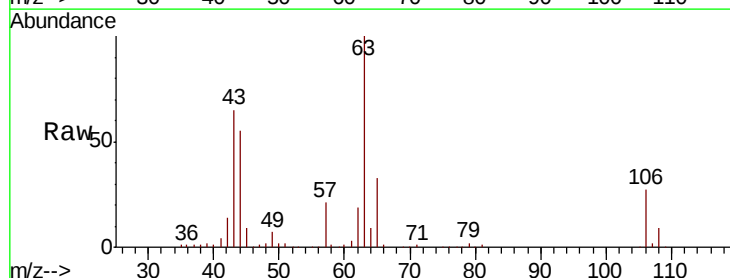
Acq: 22 Jan 2020 15:02

Tgt Ion: 63 Resp: 110617

Ion Ratio Lower Upper

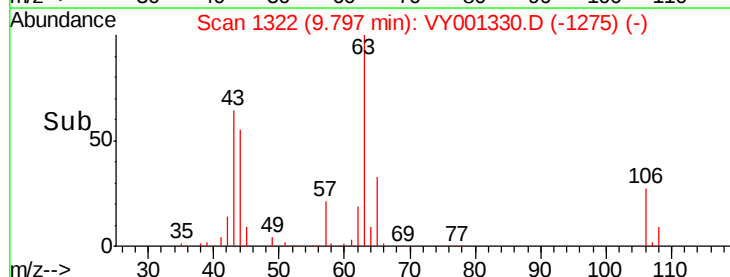
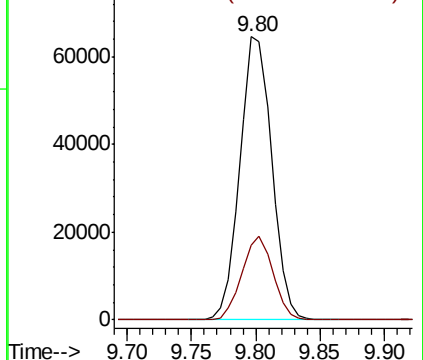
63 100

106 28.6 22.5 33.7



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V





#59

2-Hexanone

Concen: 94.126 ug/l

RT: 10.85 min Scan# 1494

Delta R.T. -0.01 min

Lab File: VY001330.D

Acq: 22 Jan 2020 15:02

Instrument :

MSVOA_Y

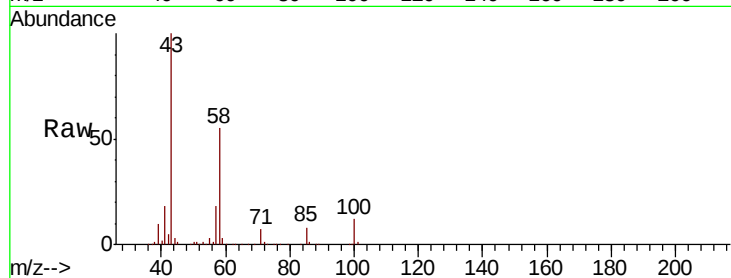
ClientSampled :

Tot Ion: 43 Resp: 140994

Ion Ratio Lower Upper

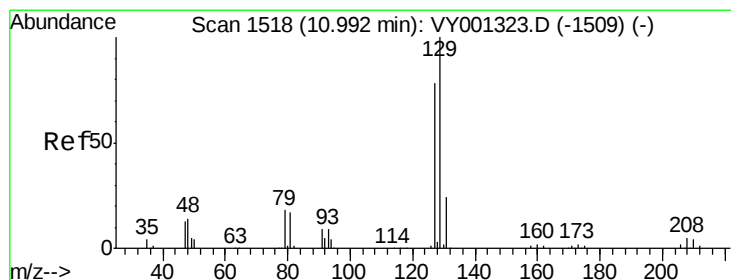
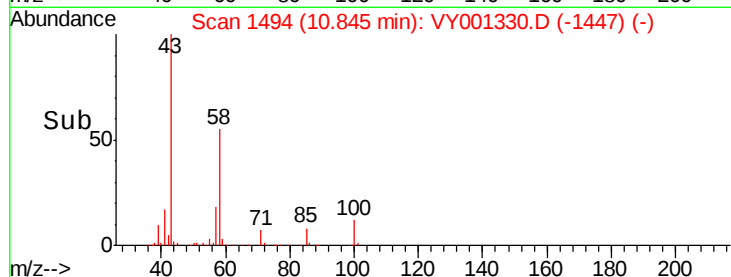
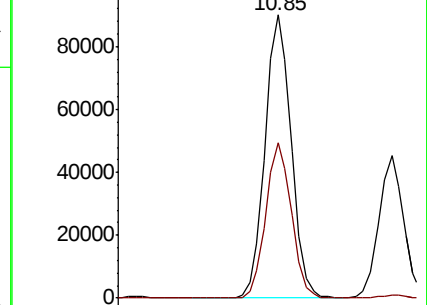
43 100

58 53.9 27.6 82.8



Abundance Ion 43.00 (42.70 to 43.70): VY001330.D (-1479) (-)

Ion 58.00 (57.70 to 58.70): VY001330.D (-1479) (-)



#60

Dibromochloromethane

Concen: 19.036 ug/l

RT: 11.00 min Scan# 1519

Delta R.T. -0.01 min

Lab File: VY001330.D

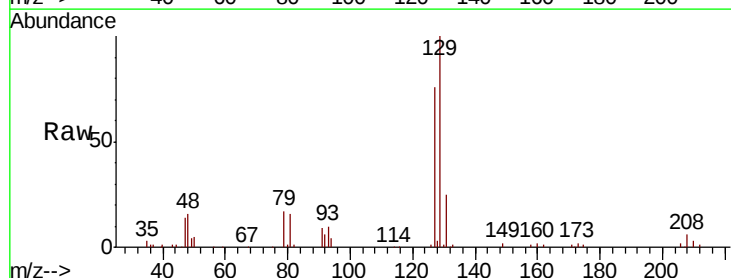
Acq: 22 Jan 2020 15:02

Tgt Ion: 129 Resp: 44971

Ion Ratio Lower Upper

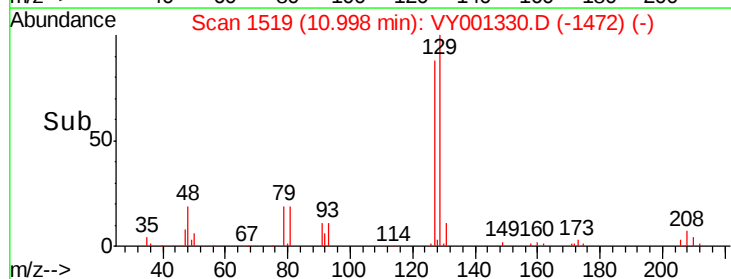
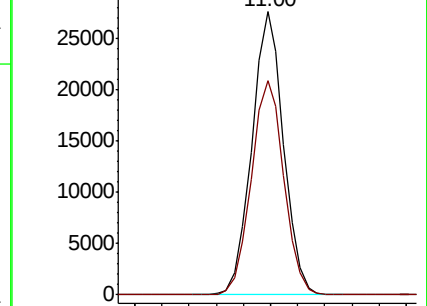
129 100

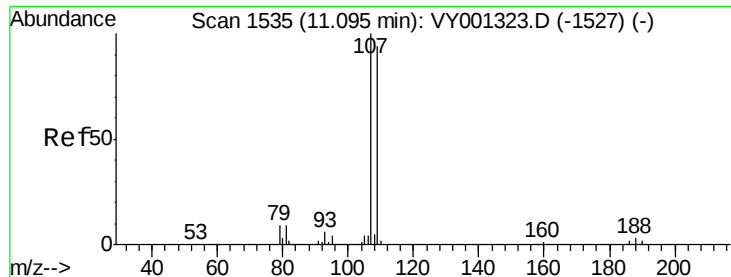
127 78.0 38.8 116.4



Abundance Ion 128.80 (128.50 to 129.50): VY001330.D (-1472) (-)

Ion 126.80 (126.50 to 127.50): VY001330.D (-1472) (-)

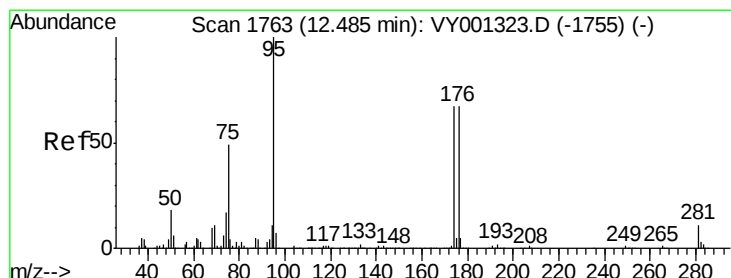
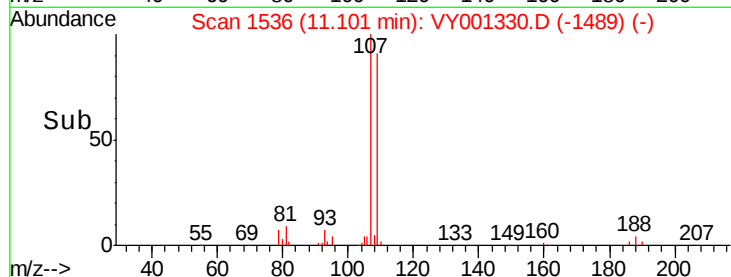
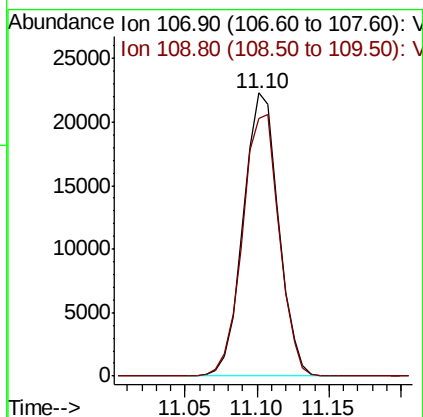
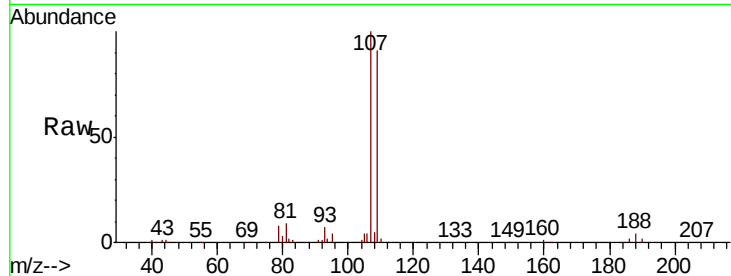




#61
 1,2-Dibromoethane
 Concen: 18.914 ug/l
 RT: 11.10 min Scan# 1536
 Delta R.T. -0.01 min
 Lab File: VY001330.D
 Acq: 22 Jan 2020 15:02

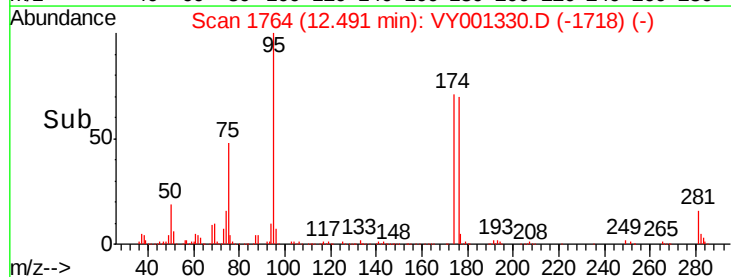
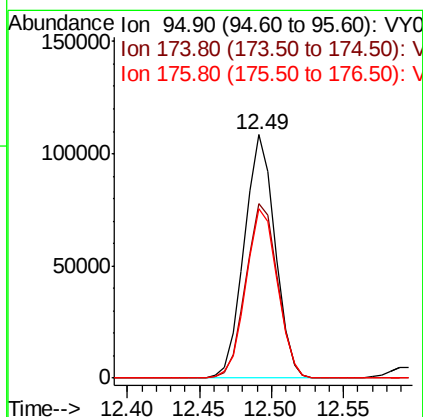
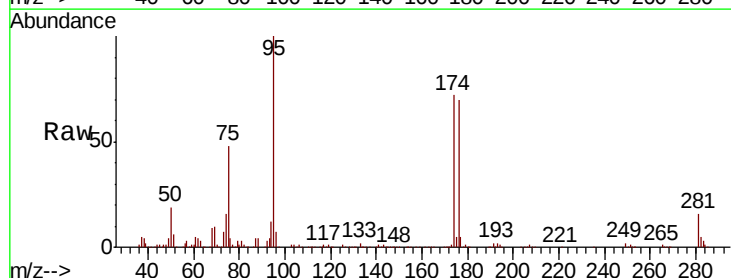
Instrument :
 MSVOA_Y
 ClientSampleId :

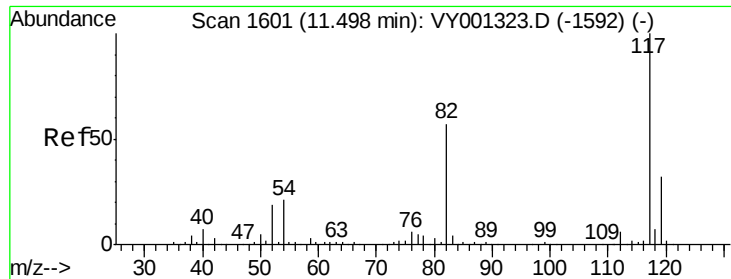
Tot Ion:107 Resp: 37768
 Ion Ratio Lower Upper
 107 100
 109 95.7 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 47.501 ug/l
 RT: 12.49 min Scan# 1764
 Delta R.T. -0.02 min
 Lab File: VY001330.D
 Acq: 22 Jan 2020 15:02

Tgt Ion: 95 Resp: 160569
 Ion Ratio Lower Upper
 95 100
 174 73.7 0.0 142.0
 176 71.4 0.0 138.6

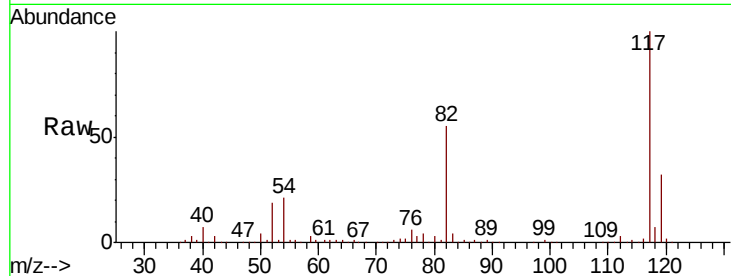




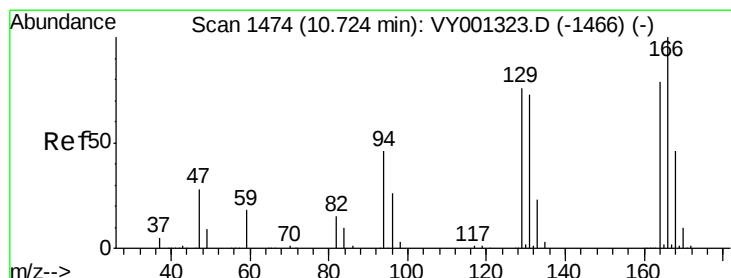
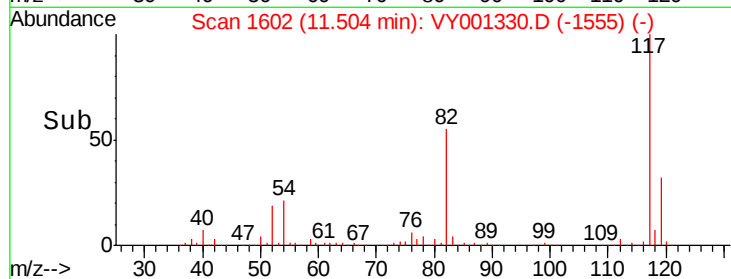
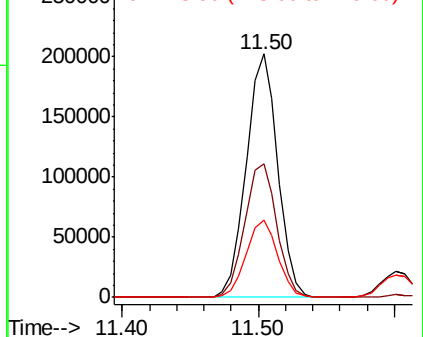
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. -0.01 min
Lab File: VY001330.D
Acq: 22 Jan 2020 15:02

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:117 Resp: 327056
Ion Ratio Lower Upper
117 100
82 55.1 45.5 68.3
119 31.7 25.8 38.6

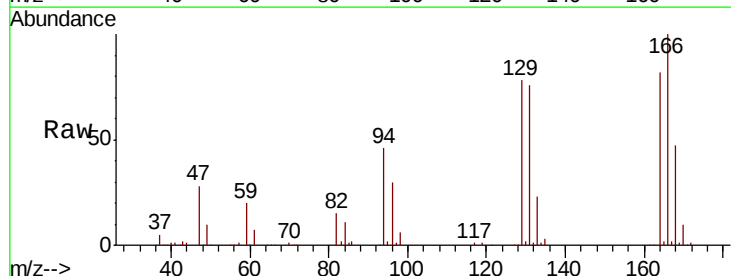


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

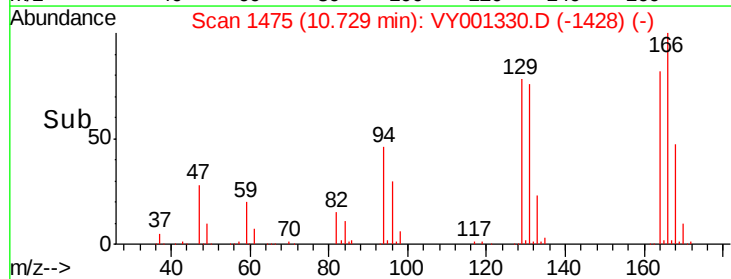
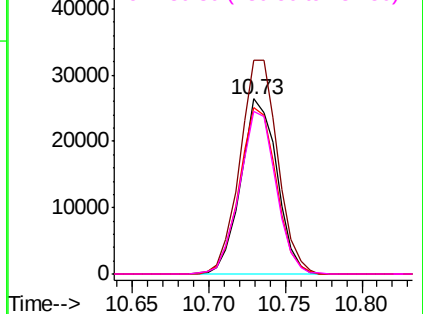


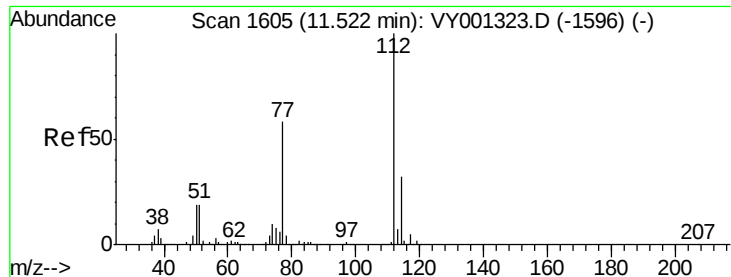
#64
Tetrachloroethene
Concen: 20.742 ug/l
RT: 10.73 min Scan# 1475
Delta R.T. -0.01 min
Lab File: VY001330.D
Acq: 22 Jan 2020 15:02

Tgt Ion:164 Resp: 43332
Ion Ratio Lower Upper
164 100
166 121.8 101.8 152.8
129 94.9 77.1 115.7
131 92.8 74.2 111.2



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

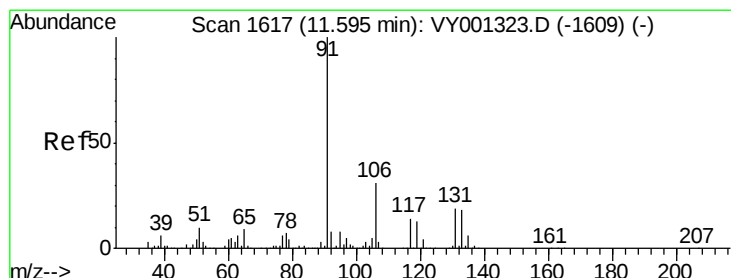
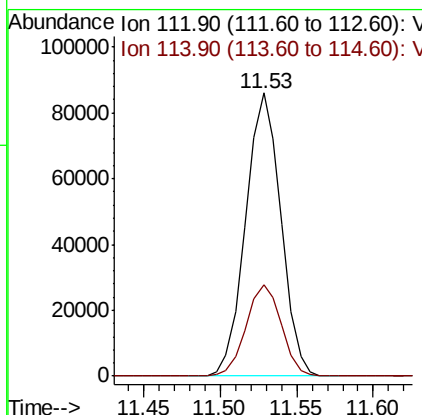
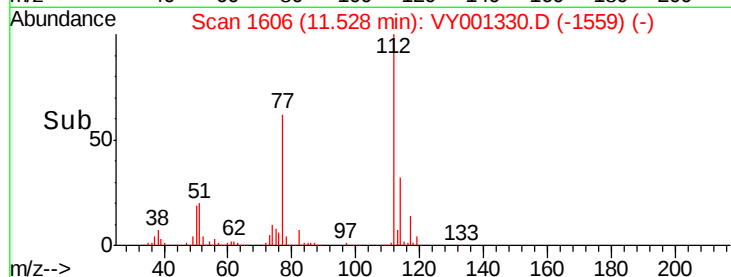
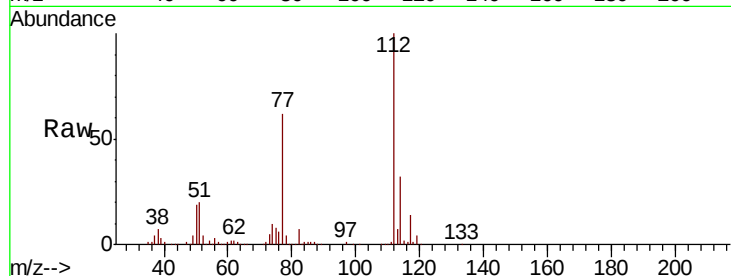




#65
Chlorobenzene
Concen: 19.982 ug/l
RT: 11.53 min Scan# 1606
Delta R.T. -0.01 min
Lab File: VY001330.D
Acq: 22 Jan 2020 15:02

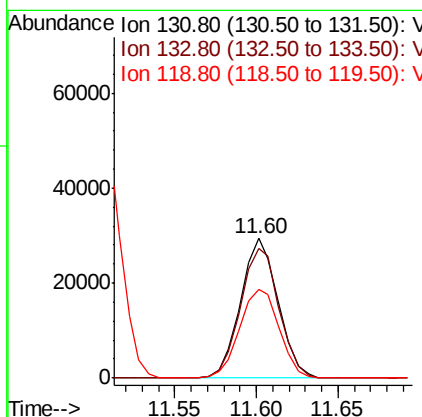
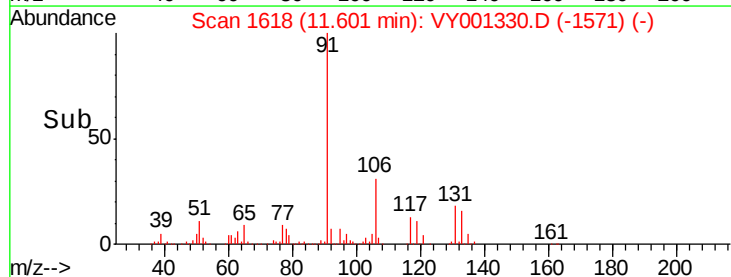
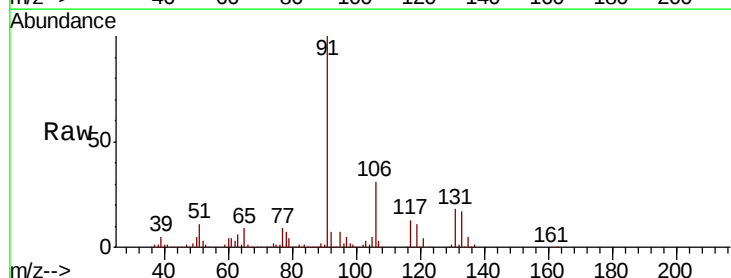
Instrument :
MSVOA_Y
ClientSampleId :

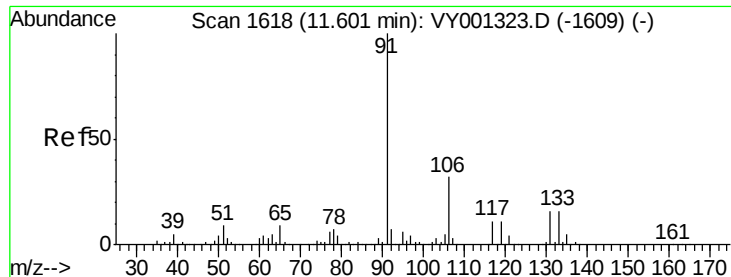
Tot Ion:112 Resp: 137753
Ion Ratio Lower Upper
112 100
114 32.3 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 19.941 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. -0.01 min
Lab File: VY001330.D
Acq: 22 Jan 2020 15:02

Tgt Ion:131 Resp: 46915
Ion Ratio Lower Upper
131 100
133 95.9 47.1 141.3
119 67.3 34.1 102.2

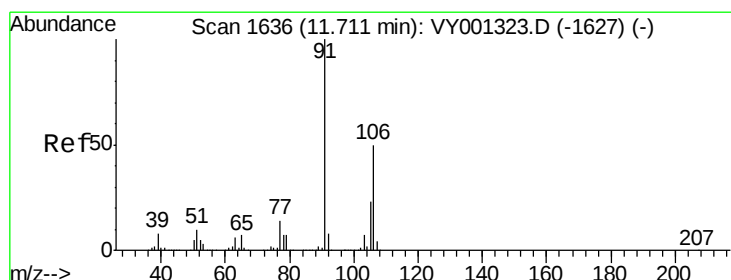
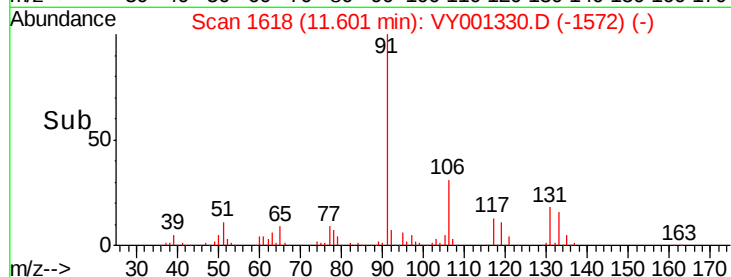
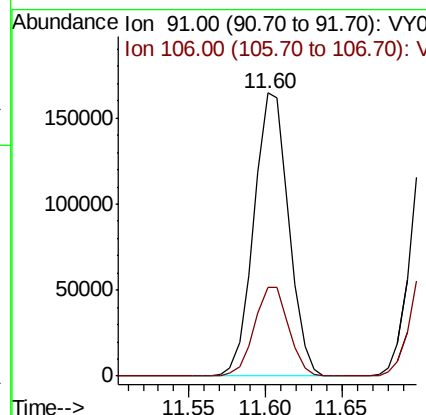
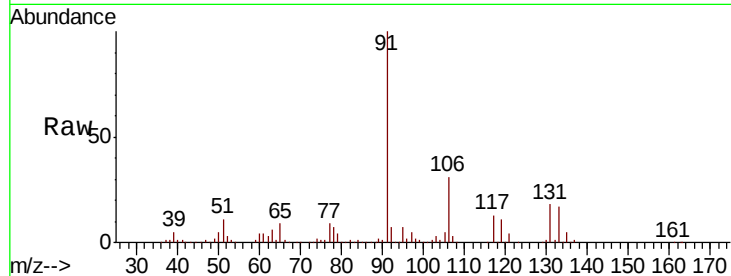




#67
Ethyl Benzene
Concen: 20.495 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. -0.02 min
Lab File: VY001330.D
Acq: 22 Jan 2020 15:02

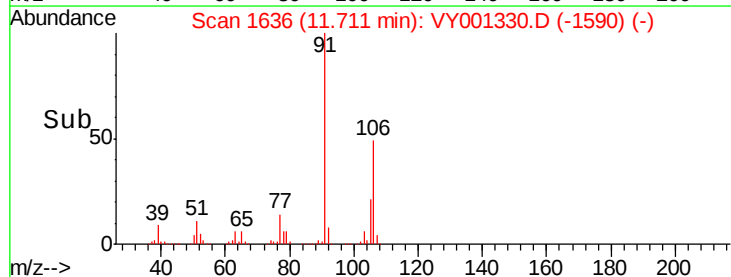
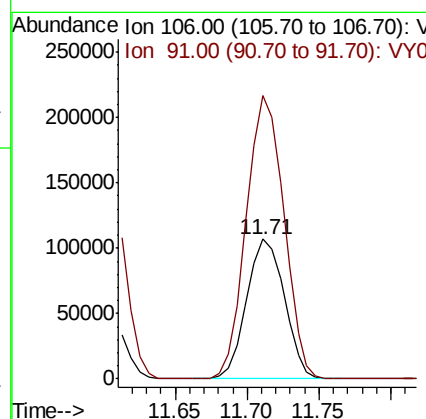
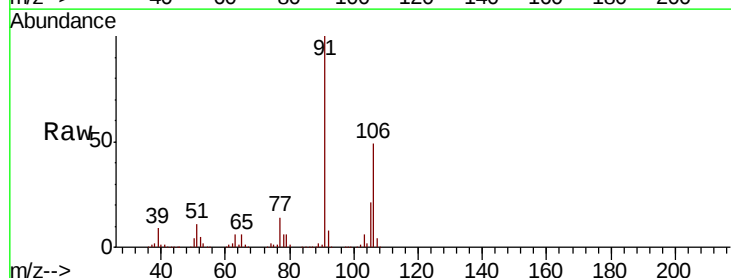
Instrument :
MSVOA_Y
ClientSampled :

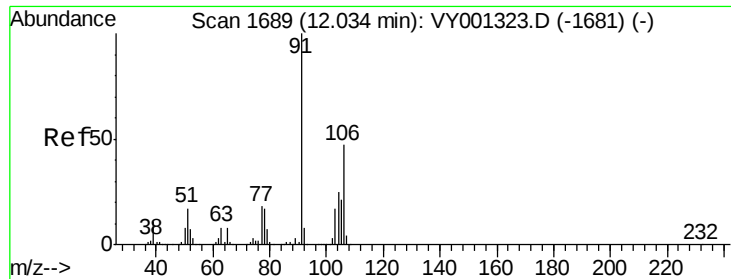
Tot Ion: 91 Resp: 260387
Ion Ratio Lower Upper
91 100
106 31.2 25.4 38.0



#68
m/p-Xylenes
Concen: 41.079 ug/l
RT: 11.71 min Scan# 1636
Delta R.T. -0.02 min
Lab File: VY001330.D
Acq: 22 Jan 2020 15:02

Tgt Ion: 106 Resp: 194920
Ion Ratio Lower Upper
106 100
91 201.8 162.8 244.2

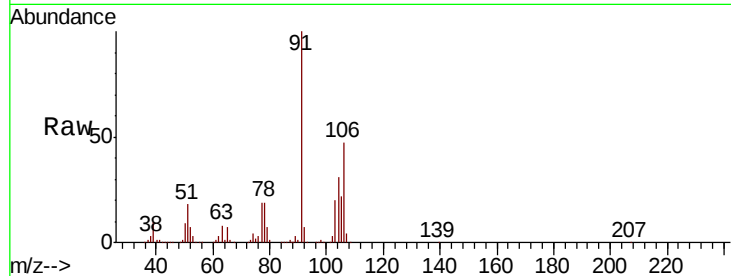




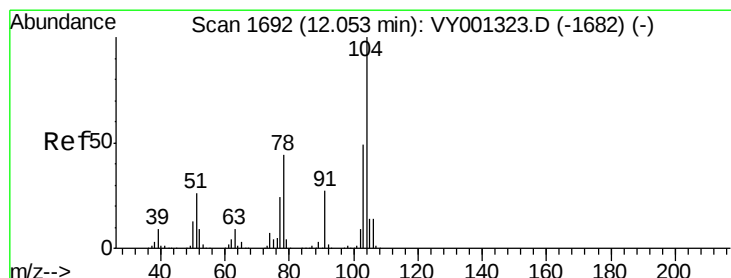
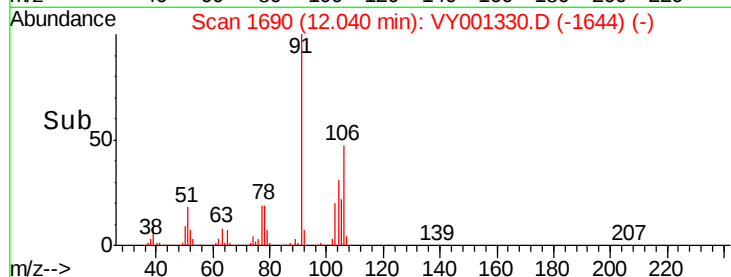
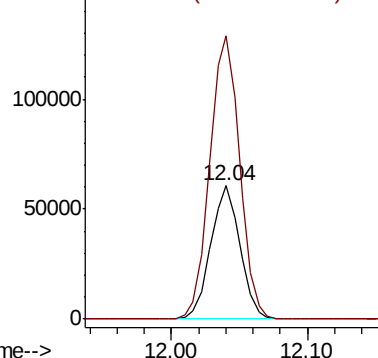
#69
o-Xylene
Concen: 19.880 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.02 min
Lab File: VY001330.D
Acq: 22 Jan 2020 15:02

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:106 Resp: 90747
Ion Ratio Lower Upper
106 100
91 217.1 106.3 319.0

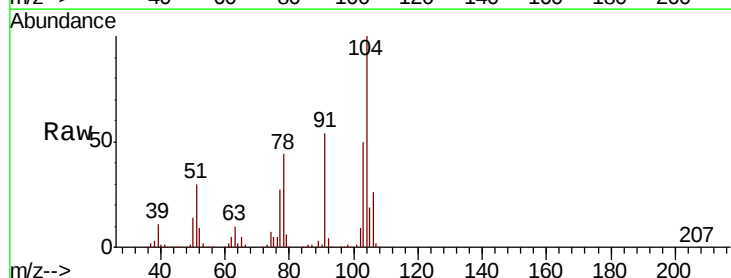


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VY0

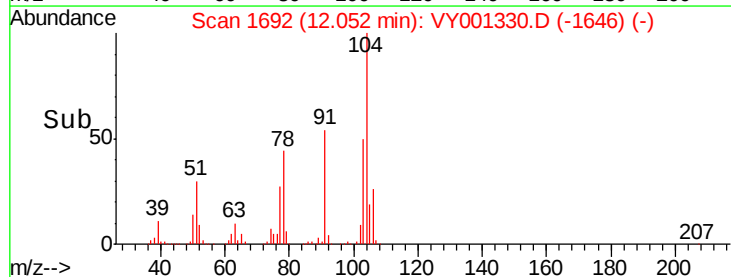
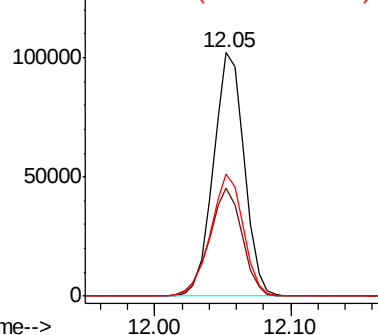


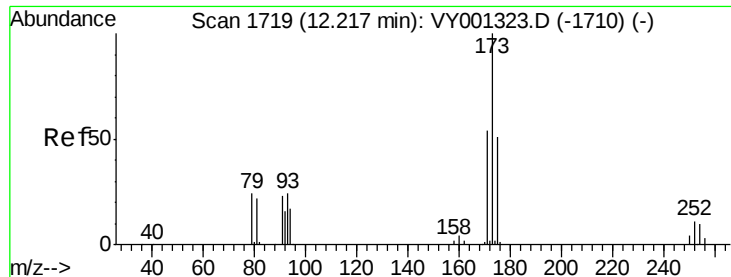
#70
Styrene
Concen: 20.158 ug/l
RT: 12.05 min Scan# 1692
Delta R.T. -0.02 min
Lab File: VY001330.D
Acq: 22 Jan 2020 15:02

Tgt Ion:104 Resp: 161448
Ion Ratio Lower Upper
104 100
78 47.6 39.8 59.8
103 53.3 43.2 64.8



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: 18.409 ug/l

RT: 12.22 min Scan# 1719

Delta R.T. -0.02 min

Lab File: VY001330.D

Acq: 22 Jan 2020 15:02

Instrument :

MSVOA_Y

ClientSampleId :

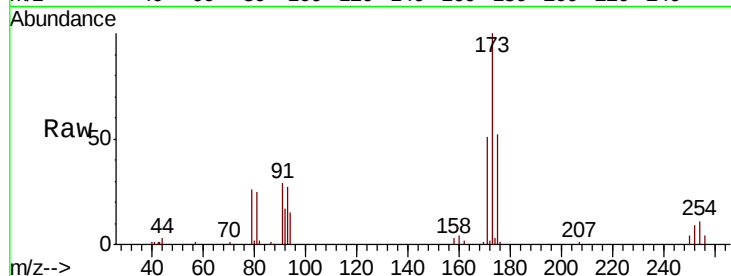
Tot Ion:173 Resp: 25853

Ion Ratio Lower Upper

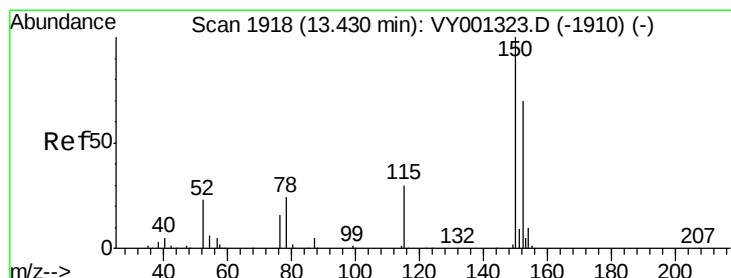
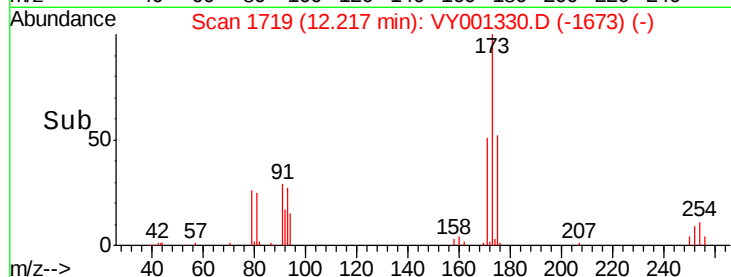
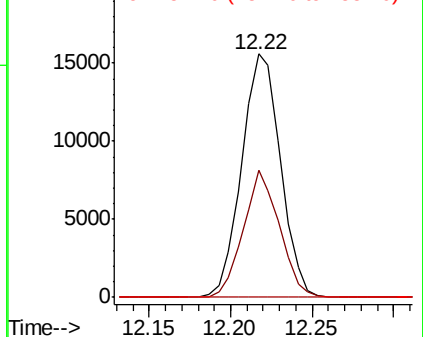
173 100

175 48.5 24.3 72.9

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: 13.44 min Scan# 1919

Delta R.T. -0.03 min

Lab File: VY001330.D

Acq: 22 Jan 2020 15:02

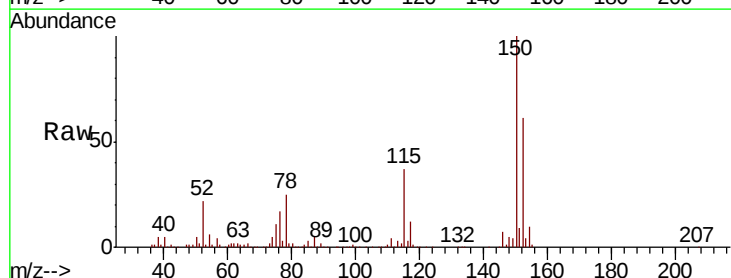
Tgt Ion:152 Resp: 154331

Ion Ratio Lower Upper

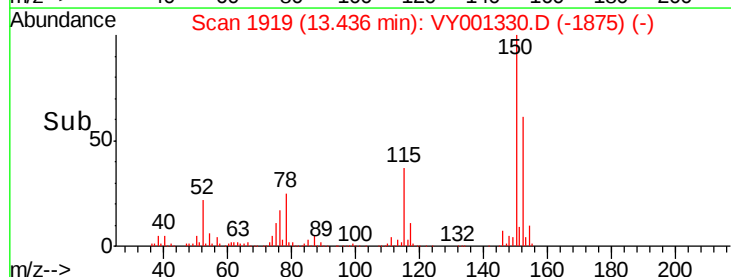
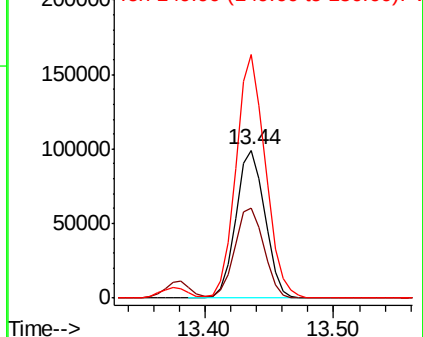
152 100

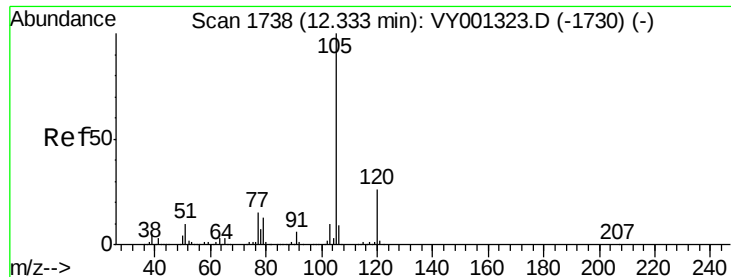
115 61.3 30.9 92.8

150 167.3 0.0 349.2



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: 20.385 ug/l

RT: 12.34 min Scan# 1739

Delta R.T. -0.02 min

Lab File: VY001330.D

Acq: 22 Jan 2020 15:02

Instrument :

MSVOA_Y

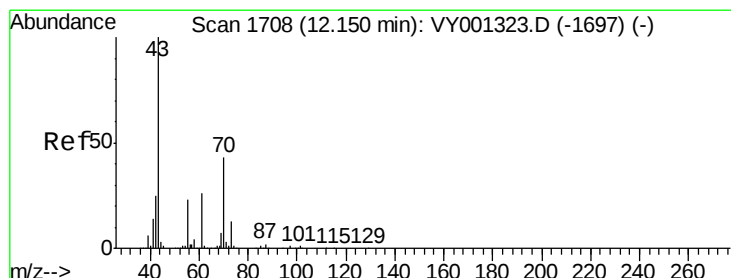
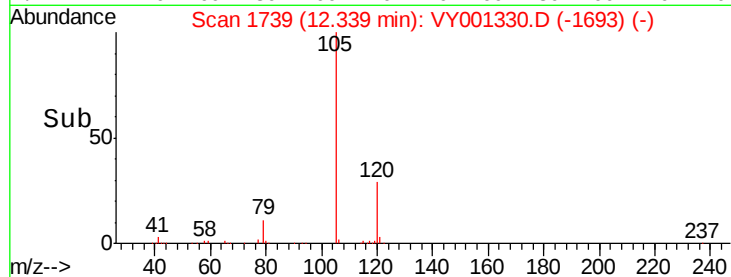
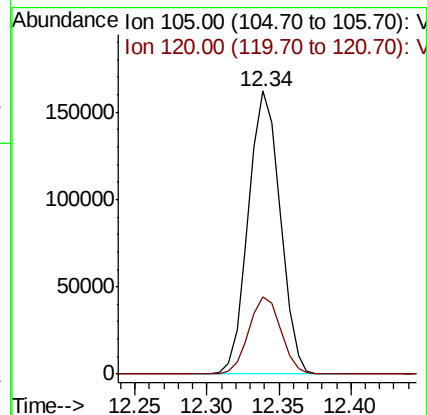
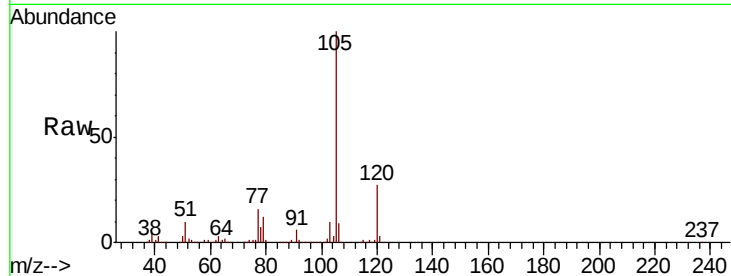
ClientSampleId :

Tot Ion:105 Resp: 248245

Ion Ratio Lower Upper

105 100

120 27.4 13.5 40.4



#74

N-ethyl acetate

Concen: 18.332 ug/l

RT: 12.16 min Scan# 1709

Delta R.T. -0.01 min

Lab File: VY001330.D

Acq: 22 Jan 2020 15:02

Tgt Ion: 43 Resp: 73076

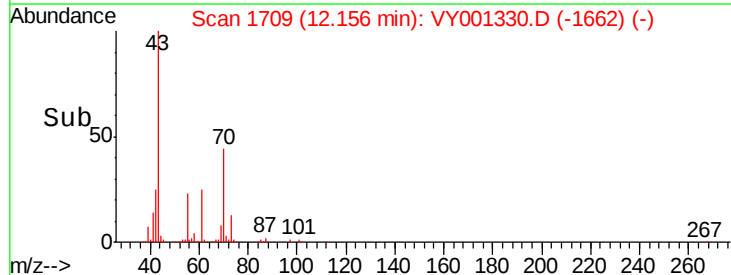
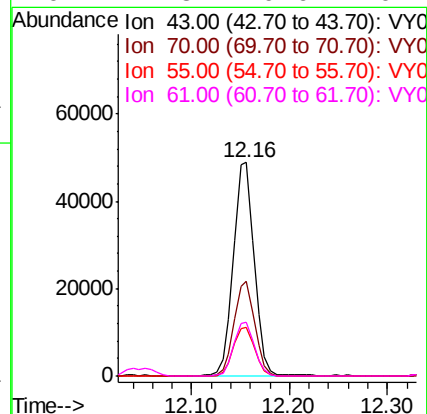
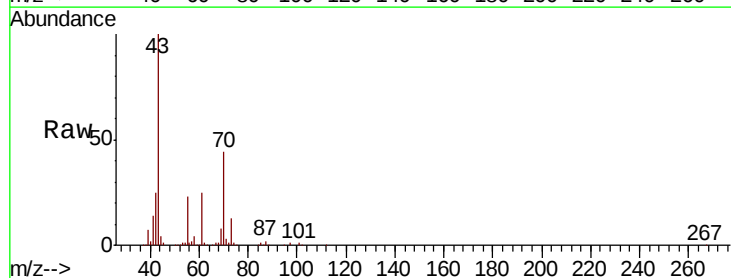
Ion Ratio Lower Upper

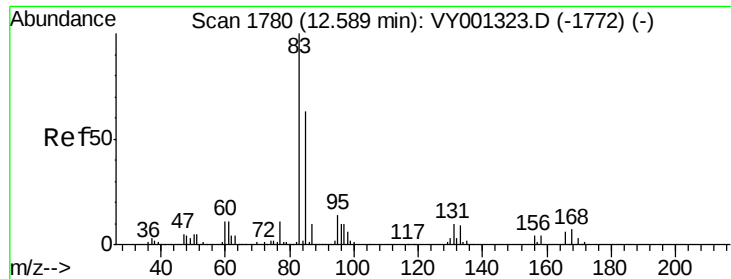
43 100

70 43.4 33.5 50.3

55 23.3 18.2 27.2

61 24.8 19.6 29.4





#75

1,1,2,2-Tetrachloroethane

Concen: 18.960 ug/l

RT: 12.59 min Scan# 1781

Delta R.T. -0.02 min

Lab File: VY001330.D

Acq: 22 Jan 2020 15:02

Instrument :

MSVOA_Y

ClientSampleId :

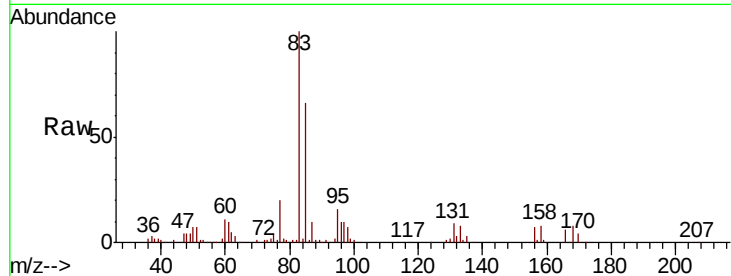
Tot Ion: 83 Resp: 49449

Ion Ratio Lower Upper

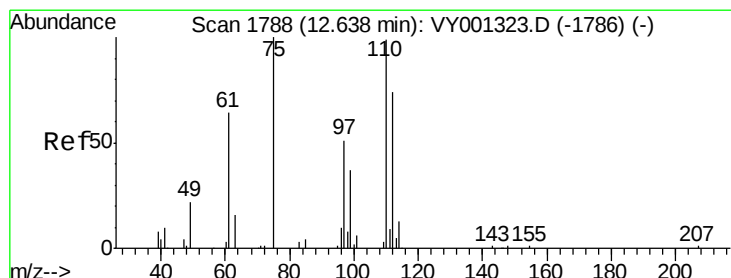
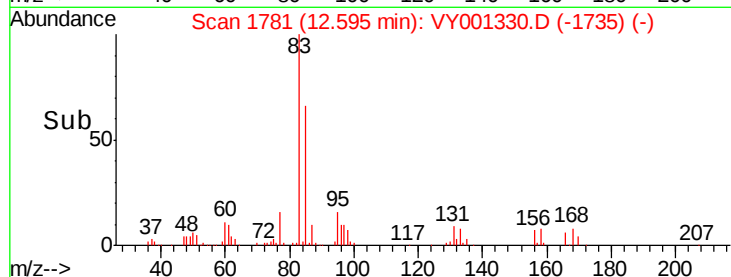
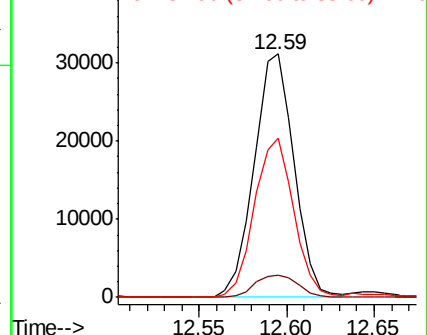
83 100

131 10.0 4.9 14.6

85 64.6 31.4 94.3



Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 130.80 (130.50 to 131.50): VY0
Ion 84.90 (84.60 to 85.60): VY0



#76

1,2,3-Trichloropropane

Concen: 35.081 ug/l

RT: 12.64 min Scan# 1789

Delta R.T. -0.02 min

Lab File: VY001330.D

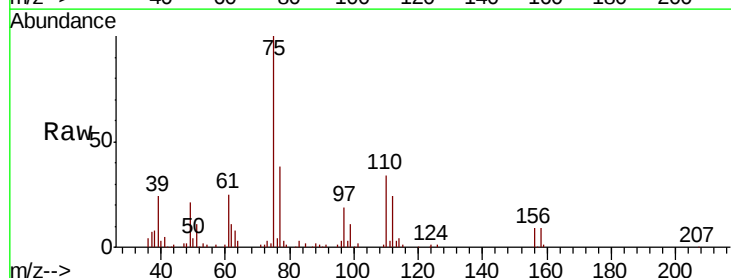
Acq: 22 Jan 2020 15:02

Tgt Ion: 75 Resp: 65241

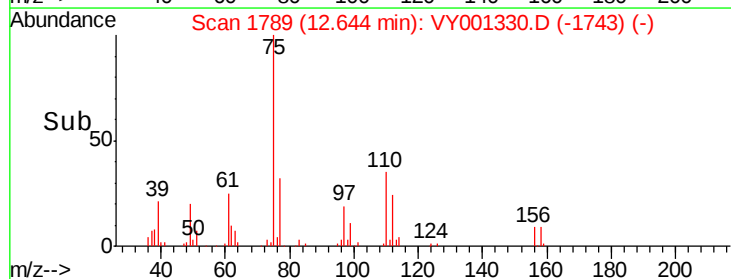
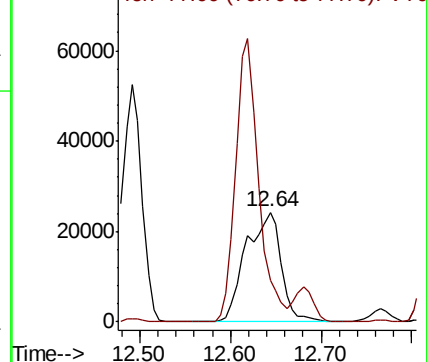
Ion Ratio Lower Upper

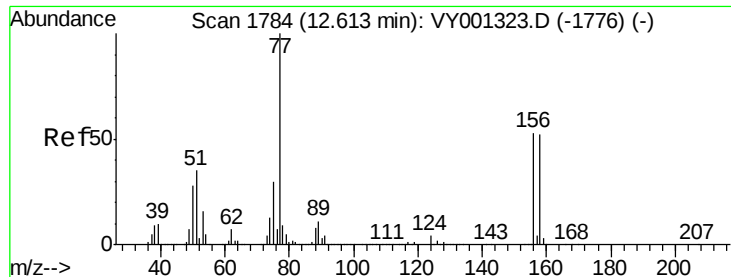
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0
Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 19.855 ug/l

RT: 12.62 min Scan# 1785

Delta R.T. -0.02 min

Lab File: VY001330.D

Acq: 22 Jan 2020 15:02

Instrument :

MSVOA_Y

ClientSampleId :

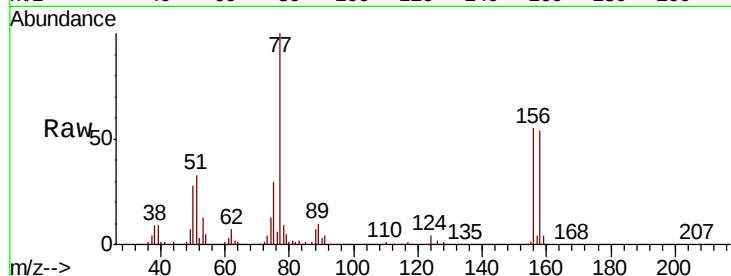
Tot Ion:156 Resp: 53556

Ion Ratio Lower Upper

156 100

77 206.8 104.7 313.9

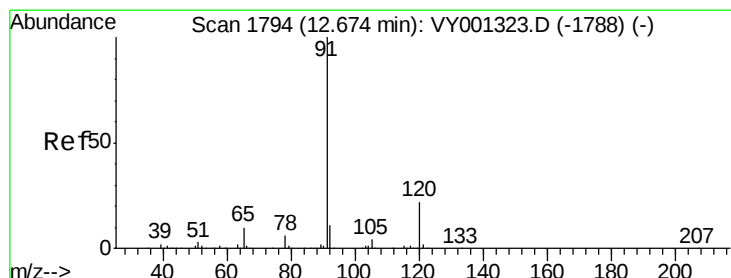
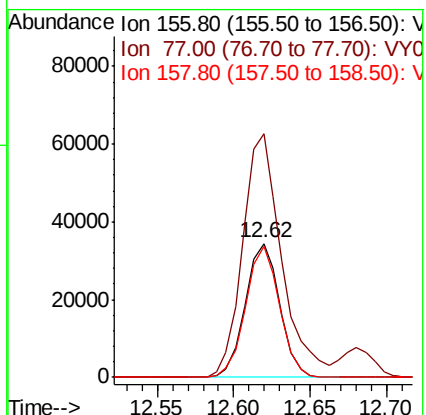
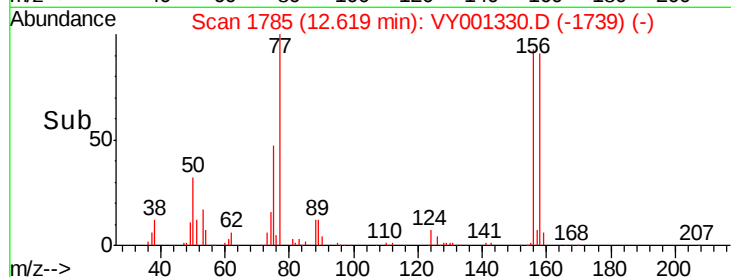
158 97.0 48.6 145.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.836 ug/l

RT: 12.68 min Scan# 1795

Delta R.T. -0.02 min

Lab File: VY001330.D

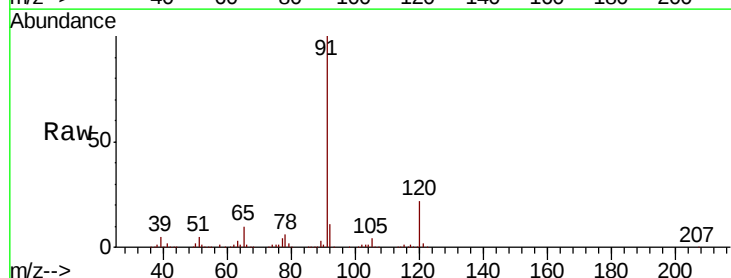
Acq: 22 Jan 2020 15:02

Tgt Ion: 91 Resp: 305407

Ion Ratio Lower Upper

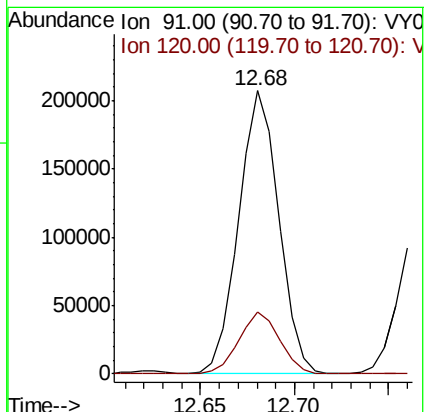
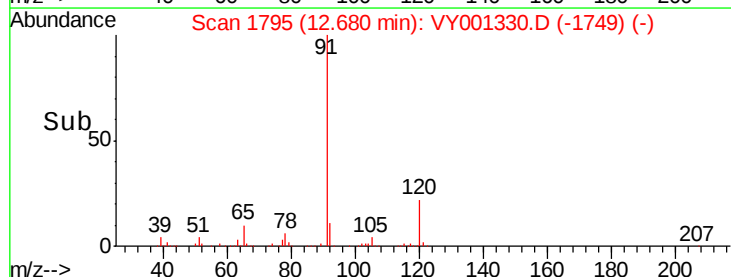
91 100

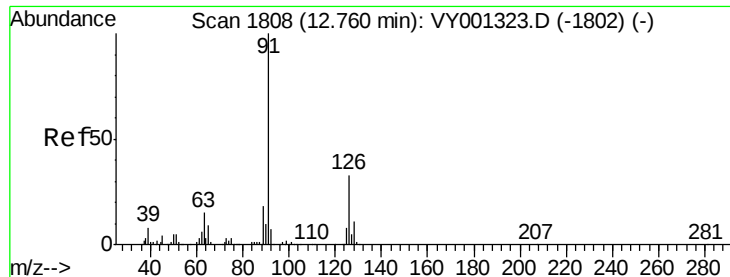
120 22.2 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.275 ug/l

RT: 12.77 min Scan# 1809

Delta R.T. -0.02 min

Lab File: VY001330.D

Acq: 22 Jan 2020 15:02

Instrument :

MSVOA_Y

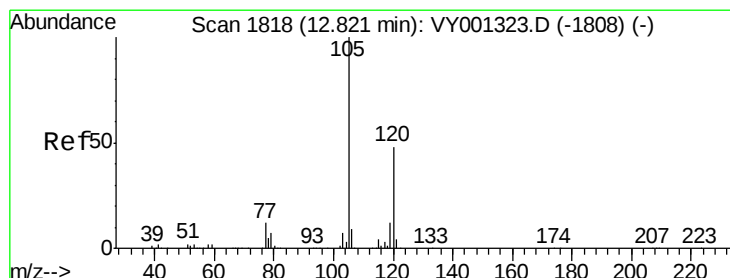
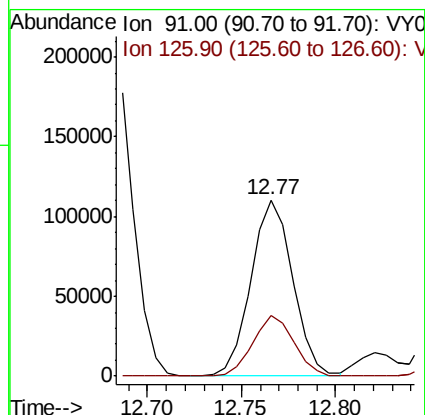
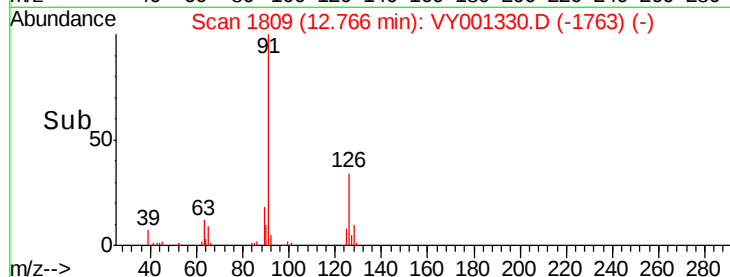
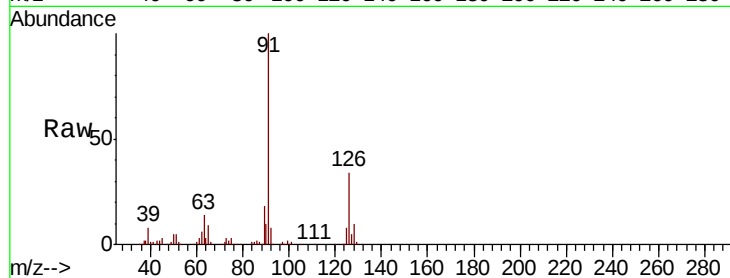
ClientSampleId :

Tot Ion: 91 Resp: 169776

Ion Ratio Lower Upper

91 100

126 33.7 16.6 49.7



#80

1,3,5-Trimethylbenzene

Concen: 20.547 ug/l

RT: 12.82 min Scan# 1818

Delta R.T. -0.02 min

Lab File: VY001330.D

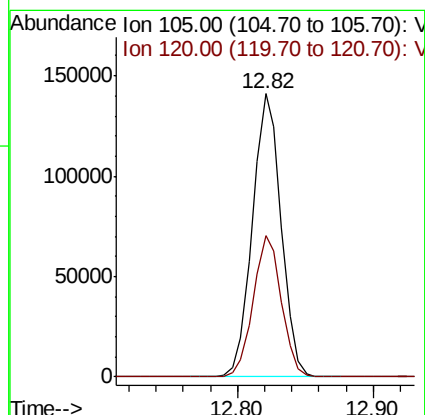
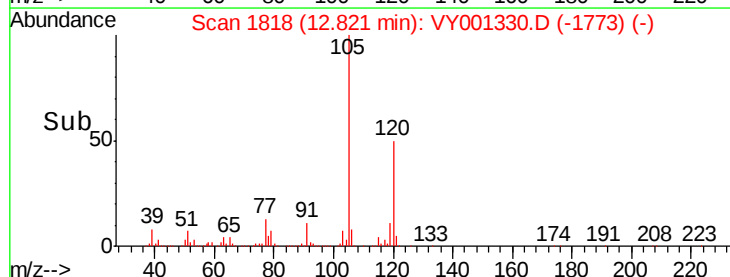
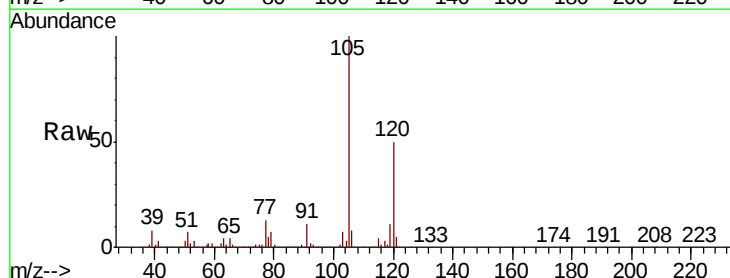
Acq: 22 Jan 2020 15:02

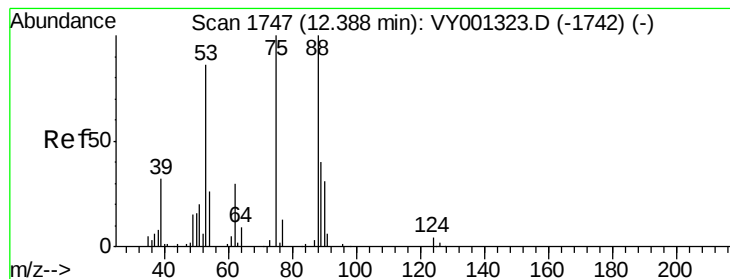
Tgt Ion: 105 Resp: 208869

Ion Ratio Lower Upper

105 100

120 49.0 24.3 72.9





#81

trans-1,4-Dichloro-2-butene

Concen: 18.866 ug/l

RT: 12.39 min Scan# 1748

Delta R.T. -0.01 min

Lab File: VY001330.D

Acq: 22 Jan 2020 15:02

Instrument :

MSVOA_Y

ClientSampleId :

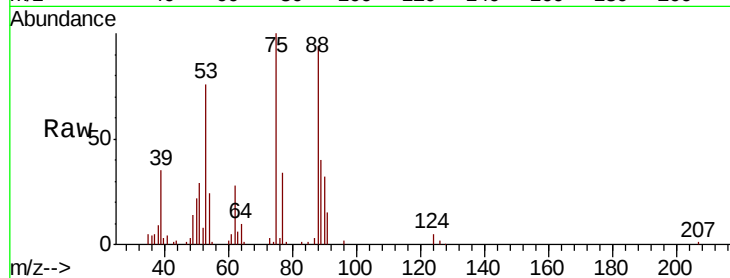
Tot Ion: 75 Resp: 18540

Ion Ratio Lower Upper

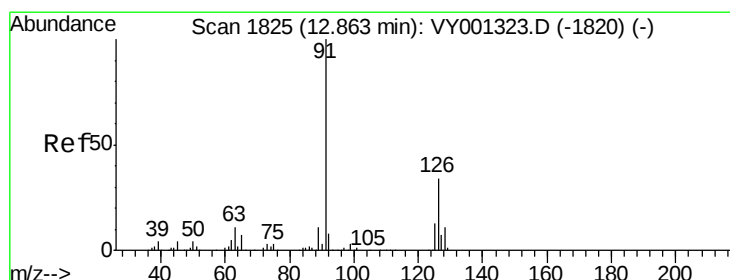
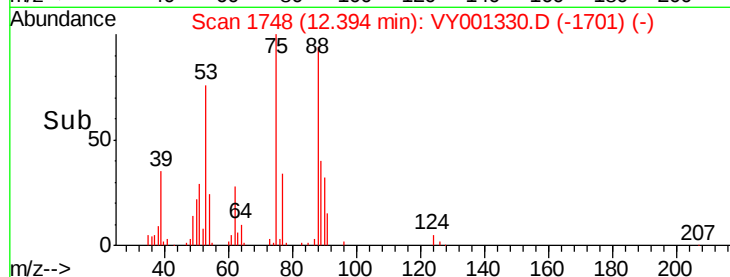
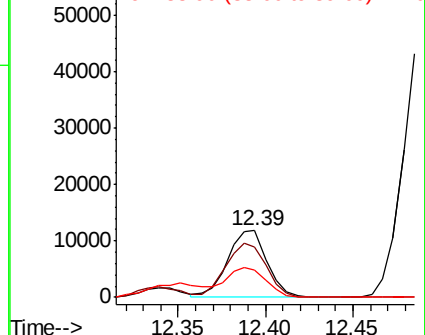
75 100

53 84.7 69.9 104.9

89 47.0 36.6 54.8



Abundance Ion 74.90 (74.60 to 75.60): VY0
Ion 53.00 (52.70 to 53.70): VY0
Ion 88.90 (88.60 to 89.60): VY0



#82

4-Chlorotoluene

Concen: 19.836 ug/l

RT: 12.86 min Scan# 1825

Delta R.T. -0.02 min

Lab File: VY001330.D

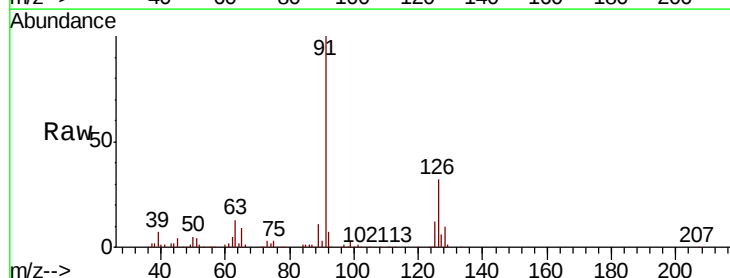
Acq: 22 Jan 2020 15:02

Tgt Ion: 91 Resp: 177425

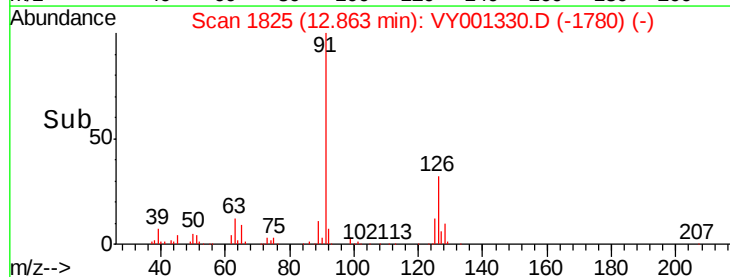
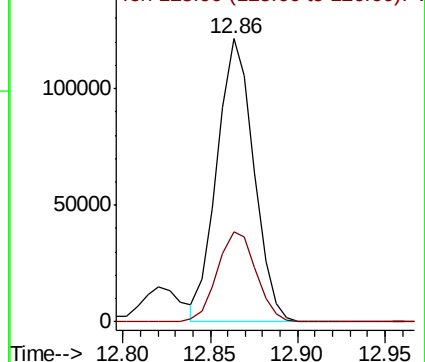
Ion Ratio Lower Upper

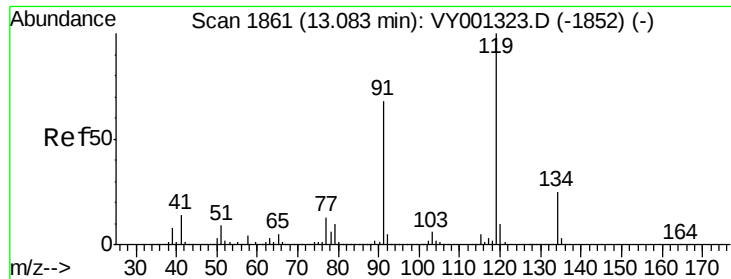
91 100

126 33.7 16.4 49.4



Abundance Ion 91.00 (90.70 to 91.70): VY0
Ion 125.90 (125.60 to 126.60): V

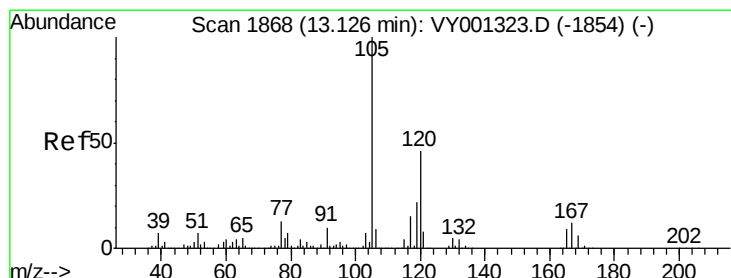
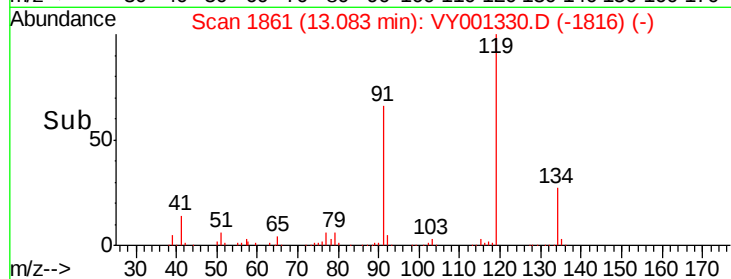
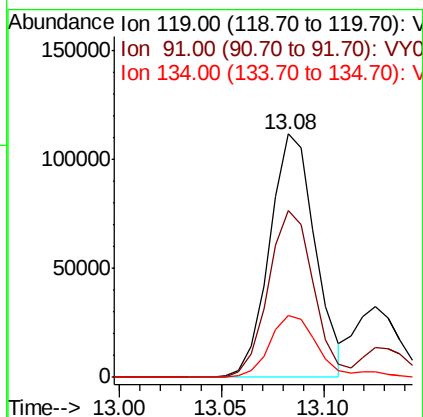
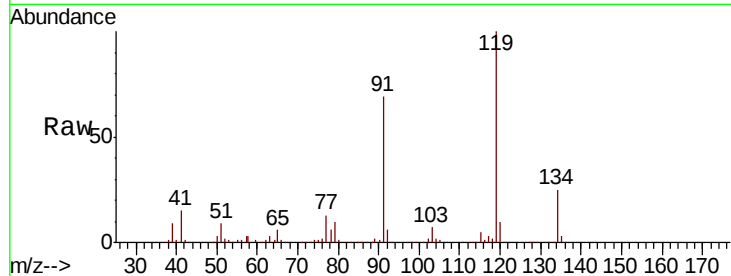




#83
tert-Butylbenzene
Concen: 20.315 ug/l
RT: 13.08 min Scan# 1861
Delta R.T. -0.02 min
Lab File: VY001330.D
Acq: 22 Jan 2020 15:02

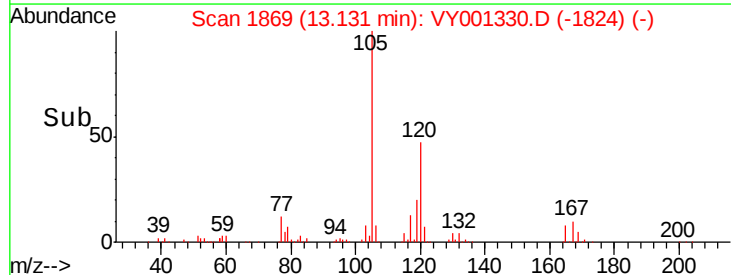
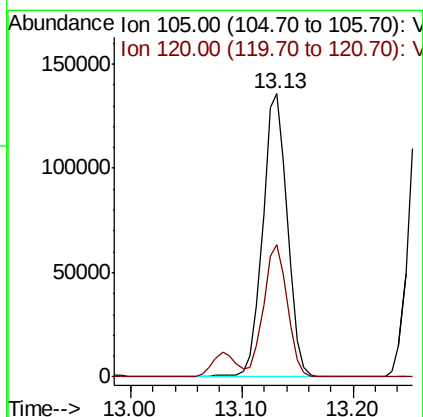
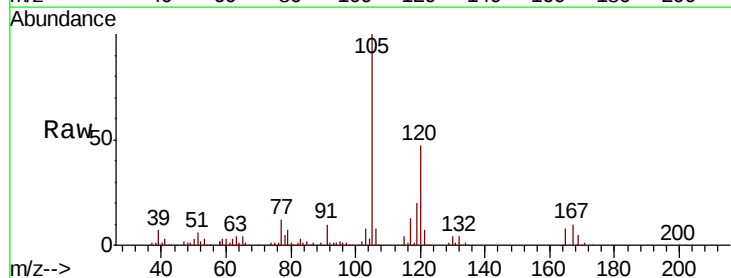
Instrument :
MSVOA_Y
ClientSampleId :

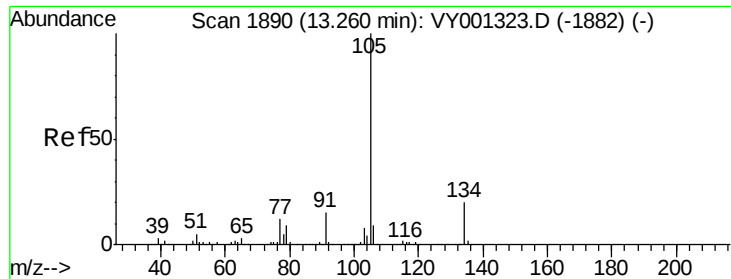
Tot Ion:119 Resp: 174071
Ion Ratio Lower Upper
119 100
91 68.2 33.0 99.0
134 27.5 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 20.525 ug/l
RT: 13.13 min Scan# 1869
Delta R.T. -0.02 min
Lab File: VY001330.D
Acq: 22 Jan 2020 15:02

Tgt Ion:105 Resp: 209474
Ion Ratio Lower Upper
105 100
120 45.4 22.4 67.3





#85

sec-Butylbenzene

Concen: 21.270 ug/l

RT: 13.27 min Scan# 1891

Delta R.T. -0.02 min

Lab File: VY001330.D

Acq: 22 Jan 2020 15:02

Instrument :

MSVOA_Y

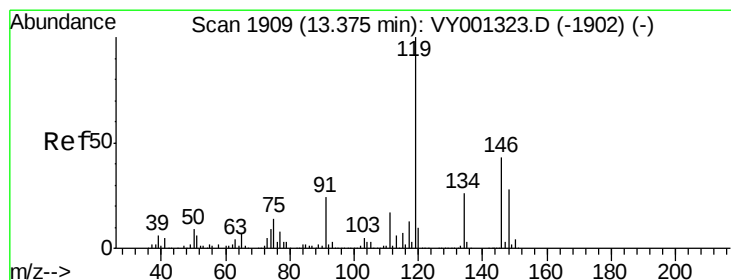
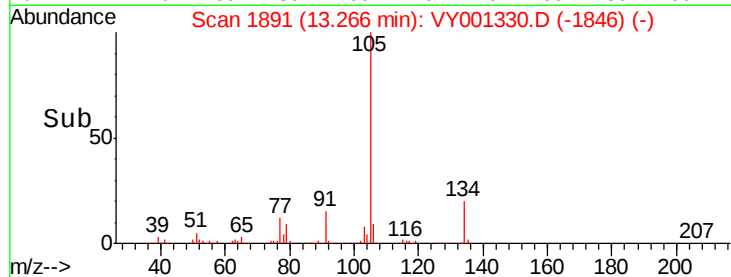
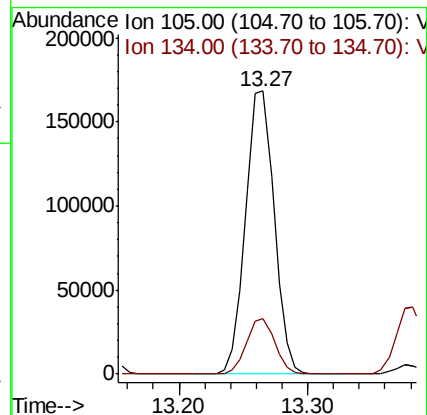
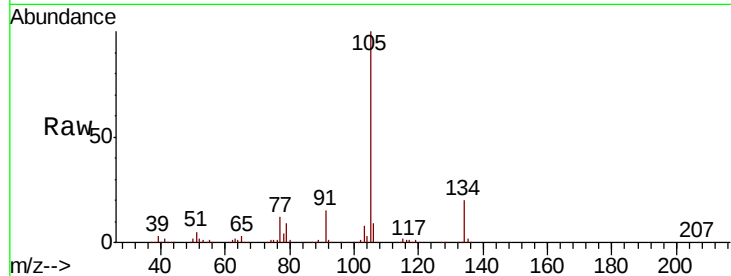
ClientSampleId :

Tot Ion:105 Resp: 258941

Ion Ratio Lower Upper

105 100

134 19.4 9.8 29.4



#86

p-Isopropyltoluene

Concen: 21.127 ug/l

RT: 13.38 min Scan# 1910

Delta R.T. -0.02 min

Lab File: VY001330.D

Acq: 22 Jan 2020 15:02

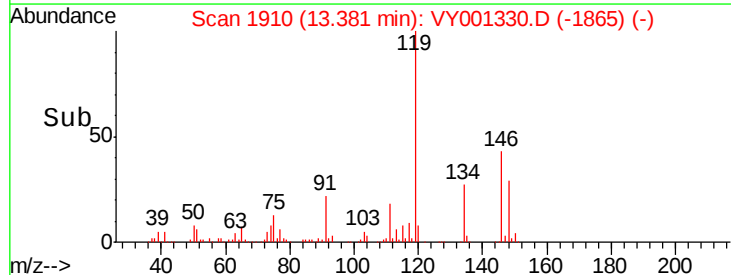
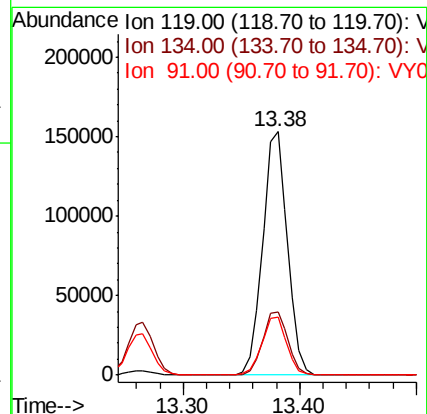
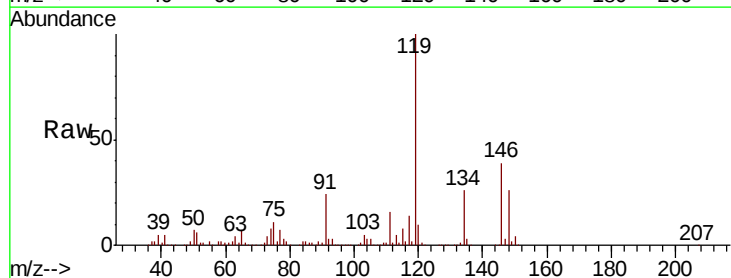
Tgt Ion:119 Resp: 226658

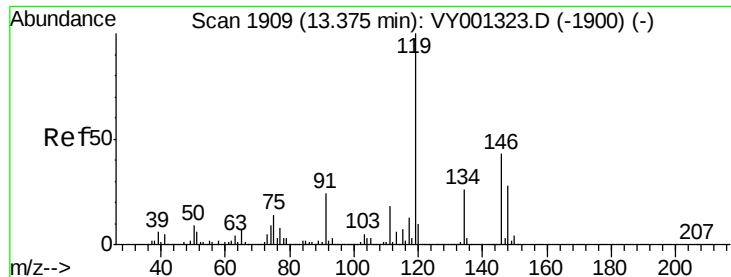
Ion Ratio Lower Upper

119 100

134 26.7 13.5 40.4

91 23.8 12.2 36.6

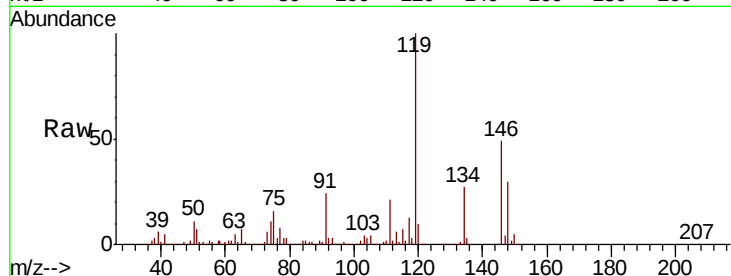




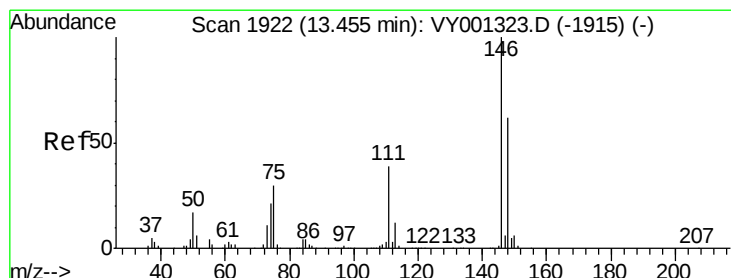
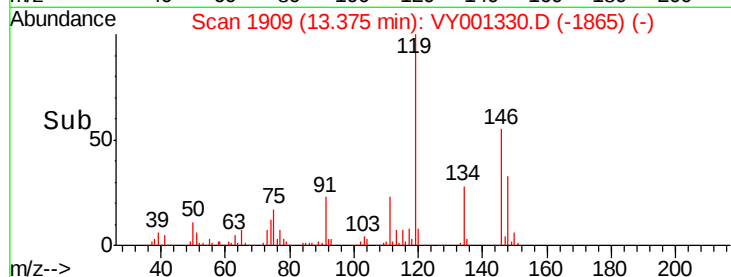
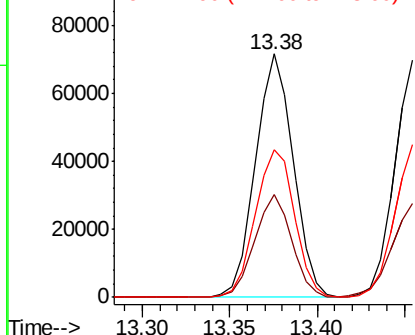
#87
 1,3-Dichlorobenzene
 Concen: 20.681 ug/l
 RT: 13.38 min Scan# 1909
 Delta R.T. -0.03 min
 Lab File: VY001330.D
 Acq: 22 Jan 2020 15:02

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion:146 Resp: 107432
 Ion Ratio Lower Upper
 146 100
 111 41.5 20.6 61.8
 148 62.8 31.6 95.0

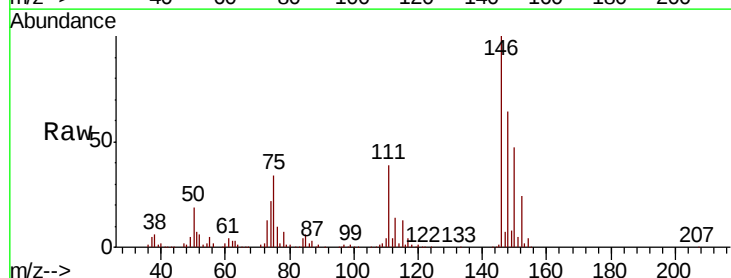


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

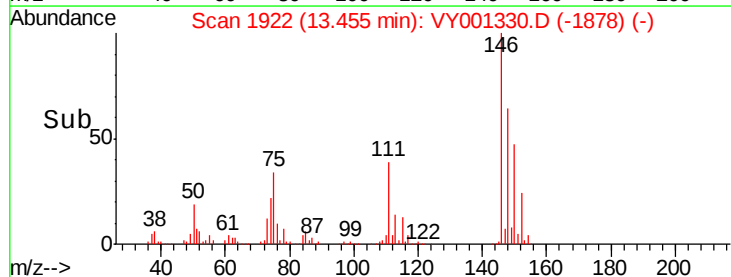
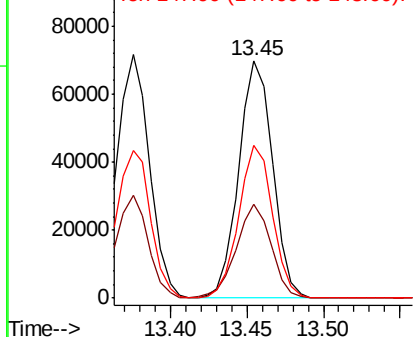


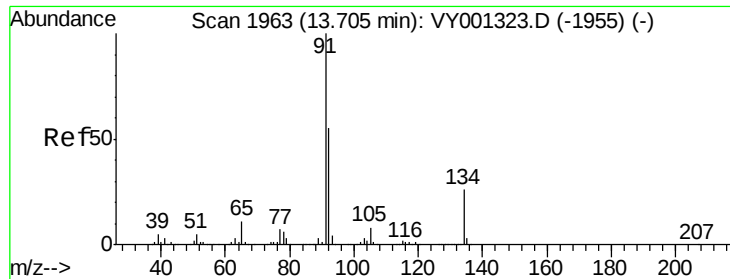
#88
 1,4-Dichlorobenzene
 Concen: 20.359 ug/l
 RT: 13.45 min Scan# 1922
 Delta R.T. -0.03 min
 Lab File: VY001330.D
 Acq: 22 Jan 2020 15:02

Tgt Ion:146 Resp: 107386
 Ion Ratio Lower Upper
 146 100
 111 40.7 20.5 61.5
 148 64.3 31.6 95.0



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

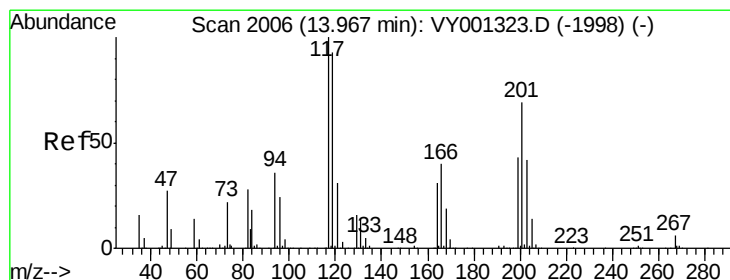
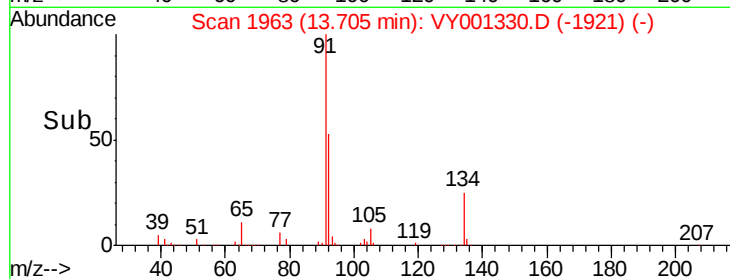
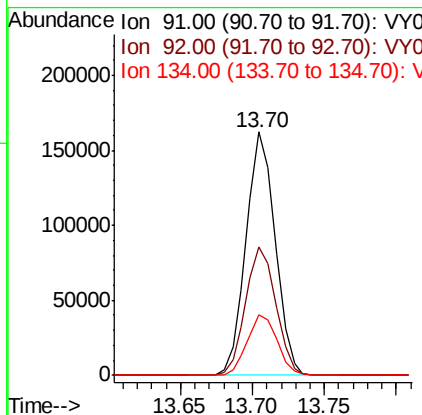
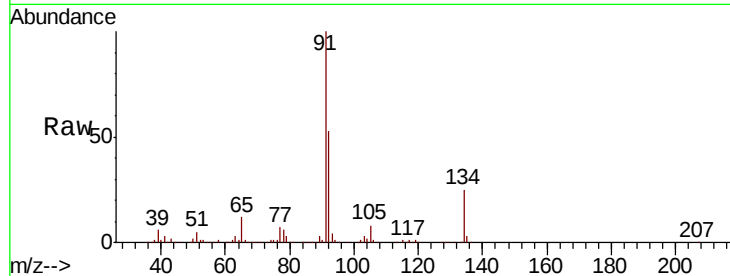




#89
n-Butylbenzene
Concen: 21.079 ug/l
RT: 13.70 min Scan# 1963
Delta R.T. -0.04 min
Lab File: VY001330.D
Acq: 22 Jan 2020 15:02

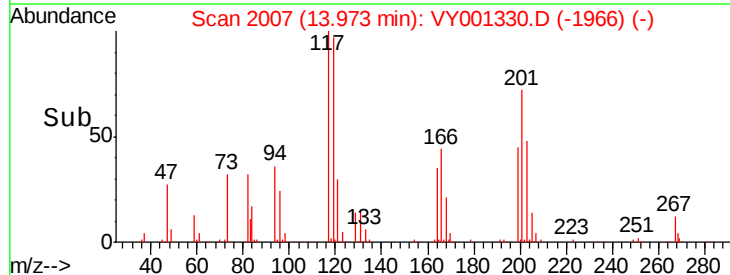
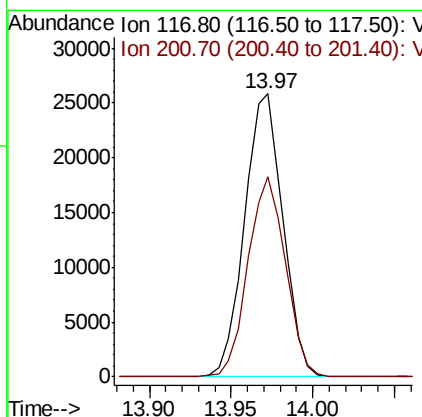
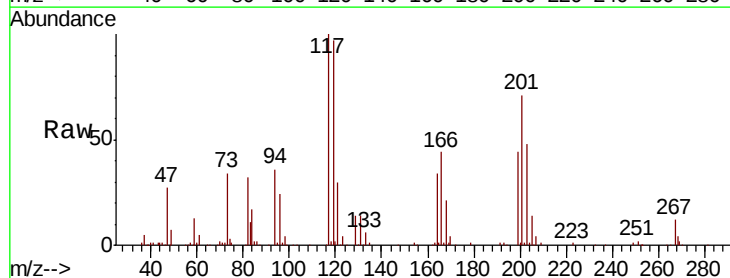
Instrument :
MSVOA_Y
ClientSampled :

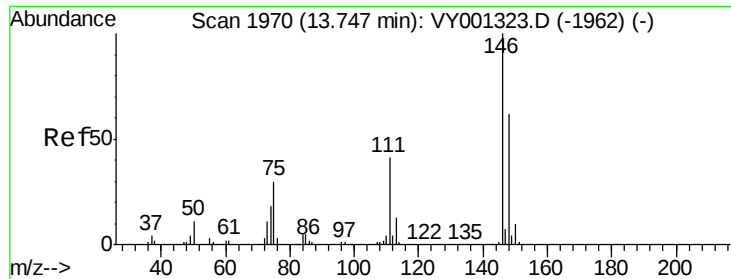
Tot Ion: 91 Resp: 227593
Ion Ratio Lower Upper
91 100
92 54.4 27.6 82.8
134 25.4 12.9 38.6



#90
Hexachloroethane
Concen: 20.779 ug/l
RT: 13.97 min Scan# 2007
Delta R.T. -0.05 min
Lab File: VY001330.D
Acq: 22 Jan 2020 15:02

Tgt Ion: 117 Resp: 42255
Ion Ratio Lower Upper
117 100
201 69.4 34.6 103.8

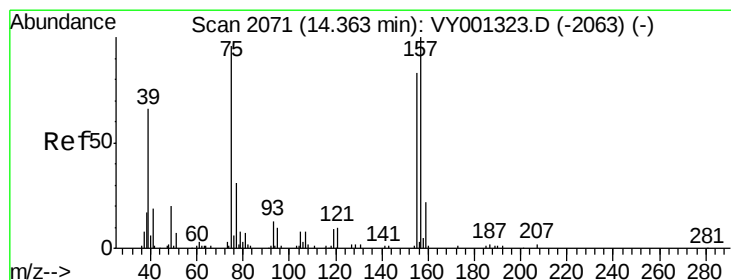
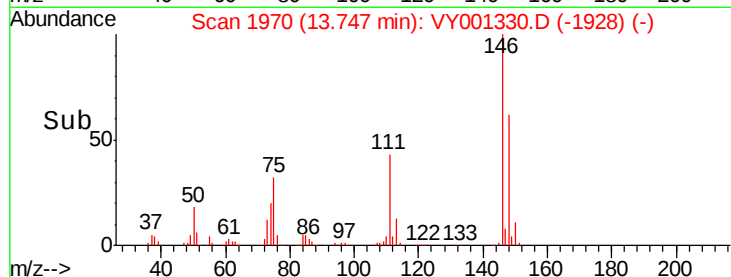
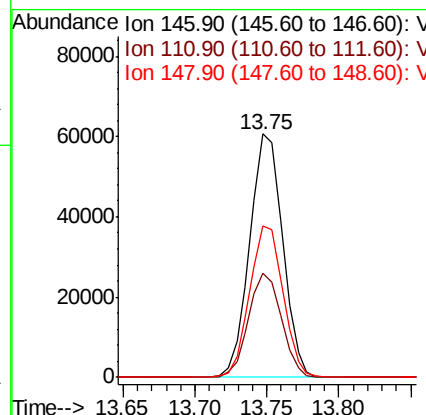
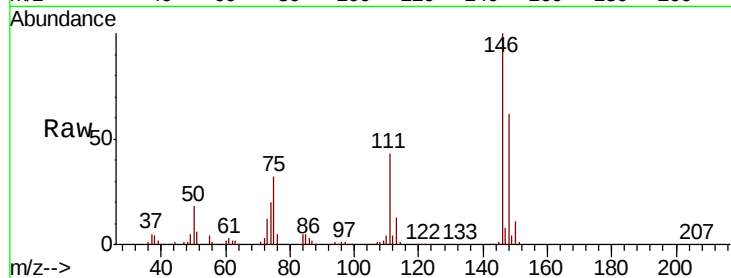




#91
 1,2-Dichlorobenzene
 Concen: 20.047 ug/l
 RT: 13.75 min Scan# 1970
 Delta R.T. -0.04 min
 Lab File: VY001330.D
 Acq: 22 Jan 2020 15:02

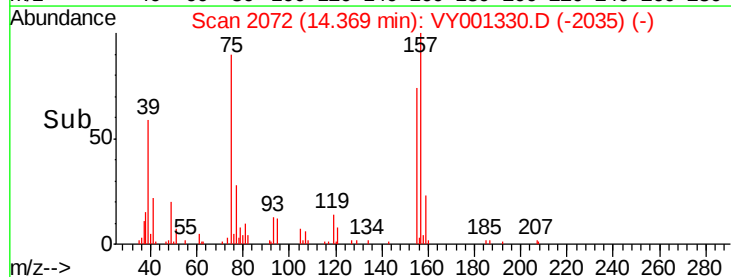
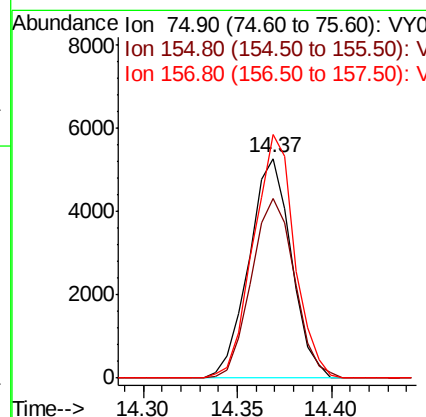
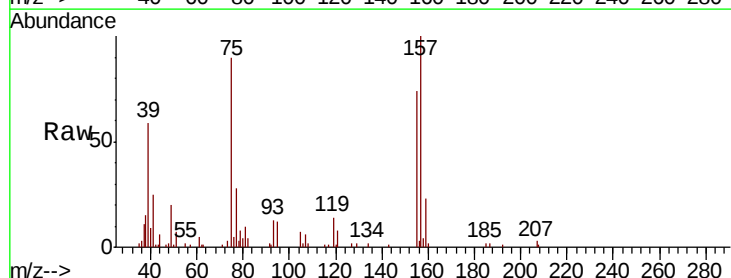
Instrument :
 MSVOA_Y
 ClientSampleId :

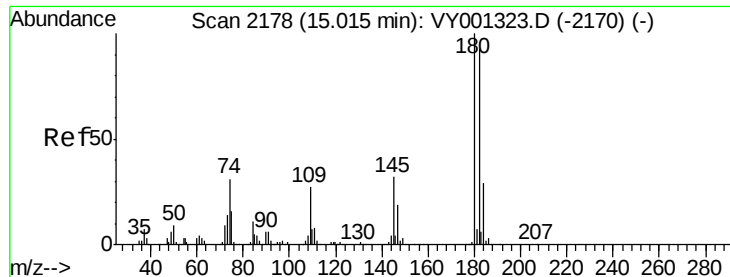
Tot Ion	Ratio	Lower	Upper
146	100		
111	42.7	21.1	63.4
148	62.9	31.5	94.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.245 ug/l
 RT: 14.37 min Scan# 2072
 Delta R.T. -0.07 min
 Lab File: VY001330.D
 Acq: 22 Jan 2020 15:02

Tgt Ion	Ratio	Lower	Upper
75	100		
155	83.2	43.0	129.2
157	107.1	53.3	160.0

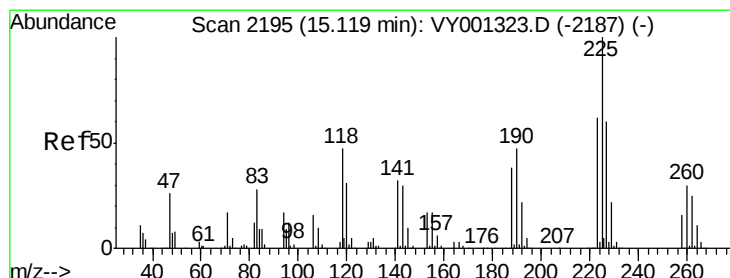
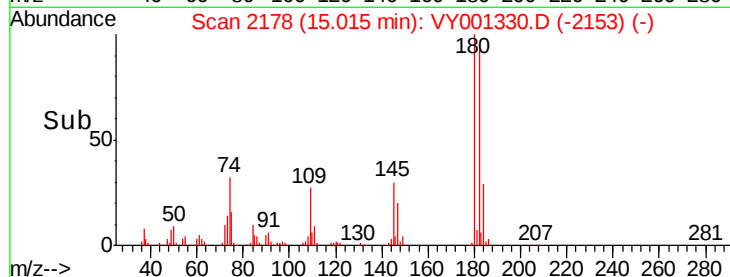
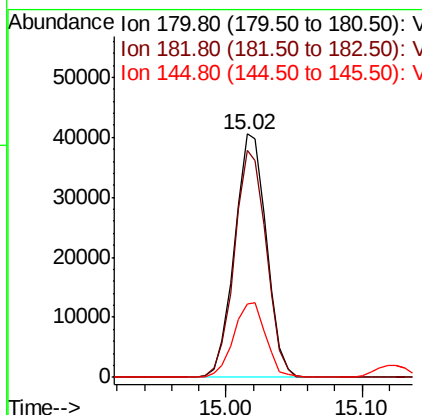
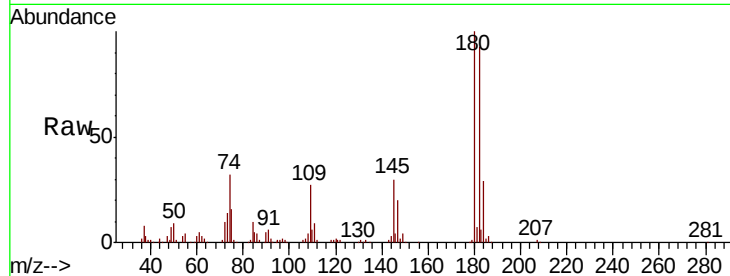




#93
 1,2,4-Trichlorobenzene
 Concen: 20.576 ug/l
 RT: 15.02 min Scan# 2178
 Delta R.T. -0.15 min
 Lab File: VY001330.D
 Acq: 22 Jan 2020 15:02

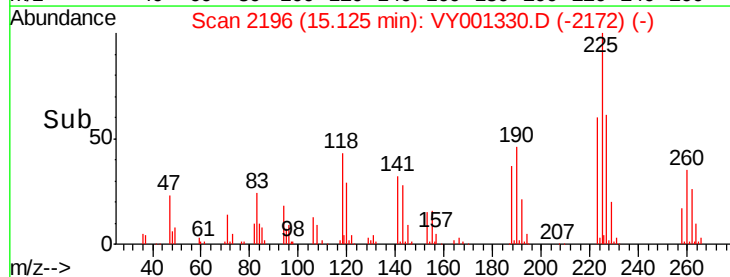
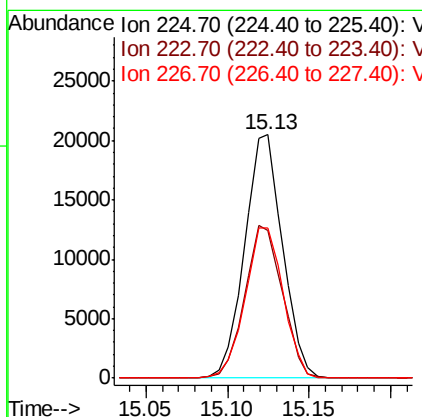
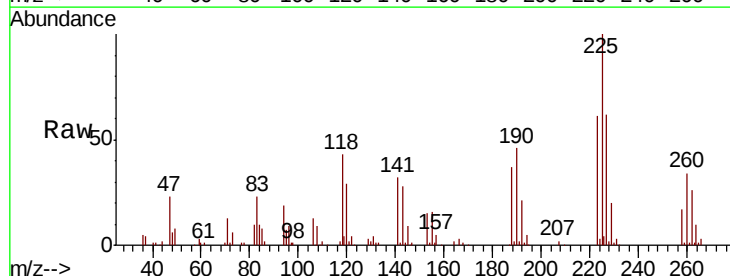
Instrument :
 MSVOA_Y
 ClientSampled :

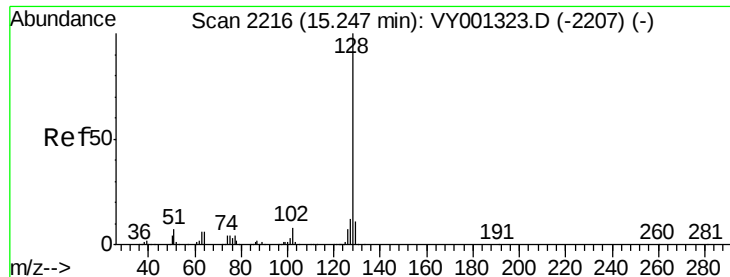
Tot Ion	Ratio	Lower	Upper
180	100		
182	93.3	47.6	142.8
145	30.8	16.3	48.9



#94
 Hexachlorobutadiene
 Concen: 21.172 ug/l
 RT: 15.13 min Scan# 2196
 Delta R.T. -0.15 min
 Lab File: VY001330.D
 Acq: 22 Jan 2020 15:02

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.3	31.2	93.6
227	62.3	31.0	93.0





#95

Naphthalene

Concen: 19.194 ug/l

RT: 15.25 min Scan# 2216

Delta R.T. -0.16 min

Lab File: VY001330.D

Acq: 22 Jan 2020 15:02

Instrument :

MSVOA_Y

ClientSampled :

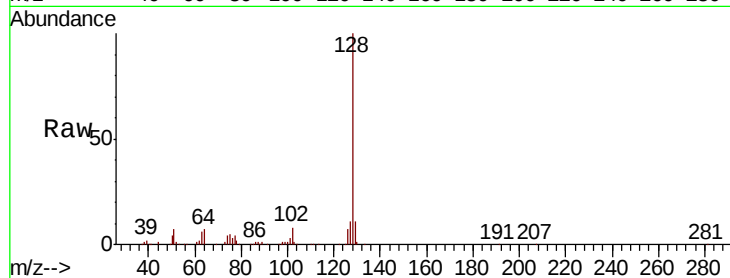
Tot Ion:128 Resp: 141121

Ion Ratio Lower Upper

128 100

127 12.5 10.2 15.2

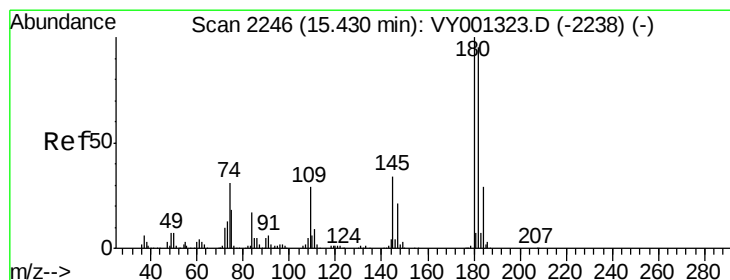
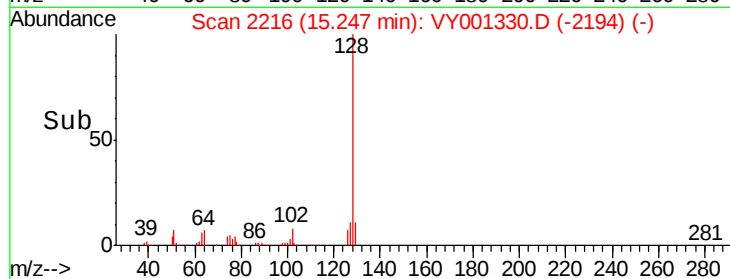
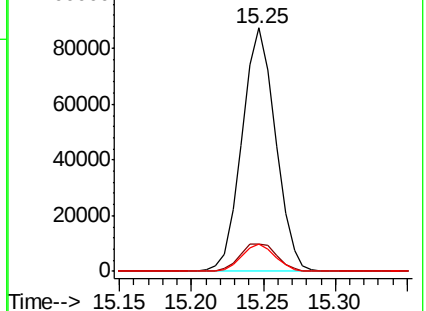
129 11.1 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 20.068 ug/l

RT: 15.44 min Scan# 2247

Delta R.T. -0.18 min

Lab File: VY001330.D

Acq: 22 Jan 2020 15:02

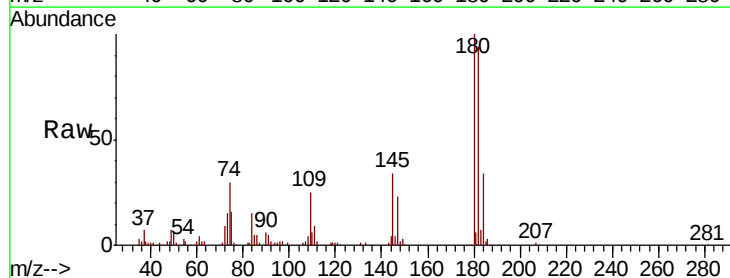
Tgt Ion:180 Resp: 56604

Ion Ratio Lower Upper

180 100

182 94.6 47.3 141.8

145 32.4 16.8 50.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

