

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY012420\
 Data File : VY001373.D
 Acq On : 24 Jan 2020 11:54
 Operator : SY/MD
 Sample : VY0124SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 25 03:46:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 01:21:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	194692	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.71	114	331933	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	289481	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	135991	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.16	65	100749	47.56	ug/l	0.00
Spiked Amount			Recovery	=	95.12%	
35) Dibromofluoromethane	7.74	113	95621	49.08	ug/l	-0.01
Spiked Amount			Recovery	=	98.16%	
50) Toluene-d8	10.19	98	396052	52.33	ug/l	0.00
Spiked Amount			Recovery	=	104.66%	
62) 4-Bromofluorobenzene	12.49	95	141911	47.08	ug/l	0.00
Spiked Amount			Recovery	=	94.16%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	32684	21.288	ug/l	99
3) Chloromethane	2.12	50	44871	19.337	ug/l	96
4) Vinyl Chloride	2.26	62	47959	19.821	ug/l	93
5) Bromomethane	2.66	94	31662	19.430	ug/l	100
6) Chloroethane	2.80	64	29781	19.262	ug/l	99
7) Trichlorofluoromethane	3.14	101	62153	20.077	ug/l	96
8) Diethyl Ether	3.54	74	22307	17.069	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.92	101	40077	20.328	ug/l	98
10) Methyl Iodide	4.11	142	45403	17.461	ug/l	98
11) Tert butyl alcohol	4.98	59	21721	67.390	ug/l	96
12) 1,1-Dichloroethene	3.89	96	40399	19.543	ug/l	92
13) Acrolein	3.75	56	16451	96.782	ug/l	97
14) Allyl chloride	4.50	41	68137	18.484	ug/l	98
15) Acrylonitrile	5.19	53	53658	80.212	ug/l	99
16) Acetone	3.97	43	46635	78.359	ug/l	96
17) Carbon Disulfide	4.21	76	127129	19.555	ug/l	99
18) Methyl Acetate	4.50	43	27625	15.463	ug/l	98
19) Methyl tert-butyl Ether	5.25	73	102873	16.997	ug/l	98
20) Methylene Chloride	4.74	84	50103	16.295	ug/l	98
21) trans-1,2-Dichloroethene	5.25	96	44980	18.733	ug/l	97
22) Diisopropyl ether	6.14	45	137752	17.598	ug/l	96
23) Vinyl Acetate	6.08	43	433359	85.274	ug/l	99
24) 1,1-Dichloroethane	6.05	63	77128	18.693	ug/l	98
25) 2-Butanone	7.01	43	71740	77.801	ug/l	99
26) 2,2-Dichloropropane	7.00	77	67387	18.335	ug/l	98
27) cis-1,2-Dichloroethene	7.01	96	50212	18.711	ug/l	99
28) Bromochloromethane	7.36	49	30161	17.725	ug/l	97
29) Tetrahydrofuran	7.37	42	45112	75.199	ug/l	100
30) Chloroform	7.53	83	72084	17.824	ug/l	100
31) Cyclohexane	7.80	56	81354	19.859	ug/l	97
32) 1,1,1-Trichloroethane	7.72	97	64737	18.958	ug/l	100
36) 1,1-Dichloropropene	7.94	75	61785	19.702	ug/l	99
37) Ethyl Acetate	7.10	43	32441	16.932	ug/l	99
38) Carbon Tetrachloride	7.92	117	56727	20.297	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	83775	20.854	ug/l	96
40) Benzene	8.18	78	182631	19.423	ug/l	98
41) Methacrylonitrile	7.37	41	42134	42.615	ug/l #	100
42) 1,2-Dichloroethane	8.25	62	48200	18.346	ug/l	99
43) Isopropyl Acetate	8.29	43	62221	16.701	ug/l	99
44) Trichloroethene	8.96	130	46999	19.478	ug/l	97
45) 1,2-Dichloropropane	9.23	63	44530	18.734	ug/l	100
46) Dibromomethane	9.32	93	22281	17.460	ug/l	99
47) Bromodichloromethane	9.51	83	57501	18.849	ug/l	97
48) Methyl methacrylate	9.30	41	28400	16.768	ug/l	100
49) 1,4-Dioxane	9.32	88	5915	328.694	ug/l	94
51) 4-Methyl-2-Pentanone	10.08	43	155946	81.280	ug/l	99
52) Toluene	10.25	92	114797	19.260	ug/l	98
53) t-1,3-Dichloropropene	10.48	75	61058	18.058	ug/l	94
54) cis-1,3-Dichloropropene	9.94	75	71739	18.485	ug/l	98
55) 1,1,2-Trichloroethane	10.66	97	33141	17.595	ug/l	97
56) Ethyl methacrylate	10.52	69	48294	16.965	ug/l	97
57) 1,3-Dichloropropane	10.80	76	58446	17.813	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.80	63	94738	96.173	ug/l	100
59) 2-Hexanone	10.85	43	109790	82.198	ug/l	100
60) Dibromochloromethane	11.00	129	37722	17.907	ug/l	99
61) 1,2-Dibromoethane	11.10	107	31672	17.788	ug/l	99
64) Tetrachloroethene	10.73	164	36756	19.878	ug/l	99
65) Chlorobenzene	11.53	112	118251	19.379	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.60	131	39699	19.065	ug/l	98
67) Ethyl Benzene	11.60	91	220972	19.651	ug/l	100
68) m/p-Xylenes	11.71	106	167091	39.785	ug/l	99
69) o-Xylene	12.04	106	79507	19.679	ug/l	98
70) Styrene	12.05	104	136316	19.230	ug/l	99
71) Bromoform	12.22	173	21075	16.954	ug/l #	100
73) Isopropylbenzene	12.34	105	213596	19.905	ug/l	100
74) N-amyl acetate	12.15	43	58816	16.744	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.59	83	39761	17.301	ug/l	98
76) 1,2,3-Trichloropropane	12.64	75	52599	32.098	ug/l #	100
77) Bromobenzene	12.62	156	45368	19.088	ug/l	98
78) n-propylbenzene	12.68	91	261597	20.254	ug/l	99
79) 2-Chlorotoluene	12.77	91	144195	19.542	ug/l	100
80) 1,3,5-Trimethylbenzene	12.82	105	180617	20.164	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.39	75	14690	16.964	ug/l	99
82) 4-Chlorotoluene	12.86	91	153091	19.424	ug/l	99
83) tert-Butylbenzene	13.08	119	152342	20.177	ug/l	100
84) 1,2,4-Trimethylbenzene	13.13	105	179045	19.910	ug/l	99
85) sec-Butylbenzene	13.26	105	220815	20.584	ug/l	99
86) p-Isopropyltoluene	13.38	119	195263	20.655	ug/l	99
87) 1,3-Dichlorobenzene	13.38	146	90592	19.791	ug/l	100
88) 1,4-Dichlorobenzene	13.45	146	92466	19.895	ug/l	99
89) n-Butylbenzene	13.70	91	196435	20.647	ug/l	99
90) Hexachloroethane	13.97	117	35780	19.968	ug/l	100
91) 1,2-Dichlorobenzene	13.75	146	82366	19.511	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	6589	16.615	ug/l	94

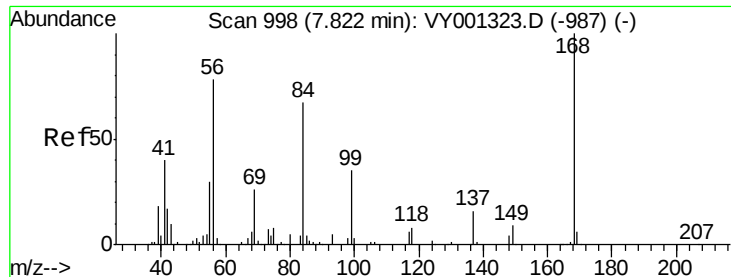
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	55084	19.442	ug/l	98
94) Hexachlorobutadiene	15.12	225	28282	20.500	ug/l	99
95) Naphthalene	15.24	128	115614	17.845	ug/l	99
96) 1,2,3-Trichlorobenzene	15.43	180	47646	19.170	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.01 min

Lab File: VY001373.D

Acq: 24 Jan 2020 11:54

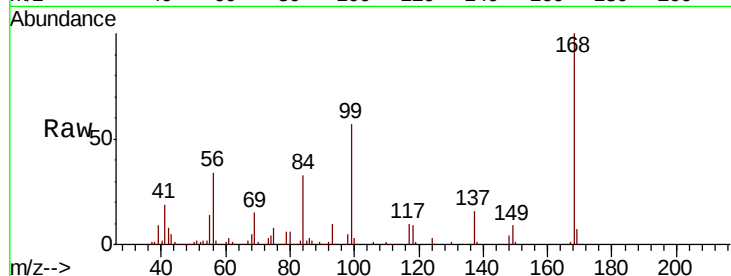
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:168 Resp: 194692

Ion Ratio Lower Upper

168 100

99 56.8 44.3 66.5



Abundance Ion 167.90 (167.60 to 168.60): VY001373.D (-949) (-)

Ion 98.90 (98.60 to 99.60): VY001373.D (-949) (-)

7.81

80000

60000

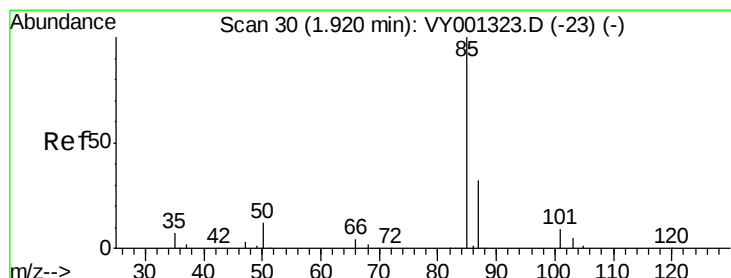
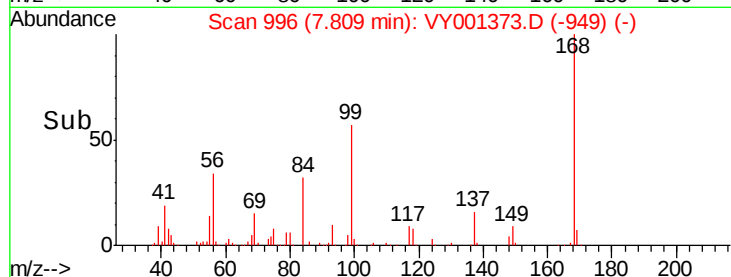
40000

20000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 21.288 ug/l

RT: 1.91 min Scan# 29

Delta R.T. -0.01 min

Lab File: VY001373.D

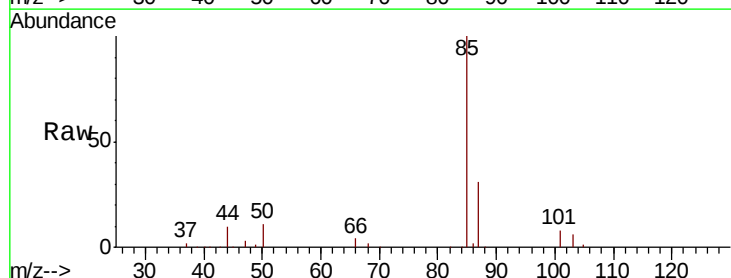
Acq: 24 Jan 2020 11:54

Tgt Ion: 85 Resp: 32684

Ion Ratio Lower Upper

85 100

87 31.3 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VY001373.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY001373.D (-1) (-)

1.91

25000

20000

15000

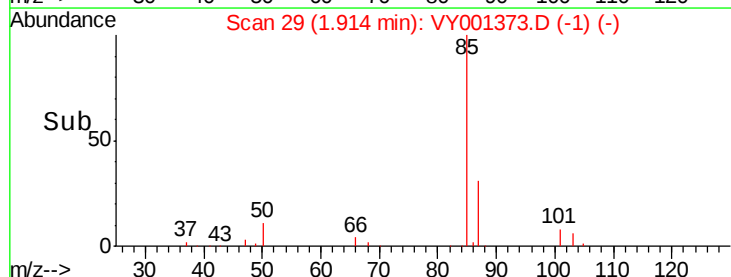
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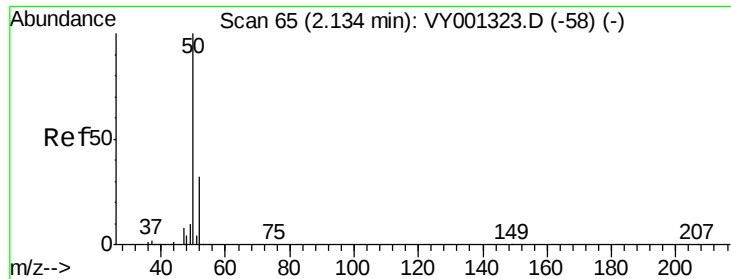
5000

0

1.85 1.90 1.95 2.00

Time-->





#3

Chloromethane

Concen: 19.337 ug/l

RT: 2.12 min Scan# 63

Delta R.T. -0.01 min

Lab File: VY001373.D

Acq: 24 Jan 2020 11:54

Instrument :

MSVOA_Y

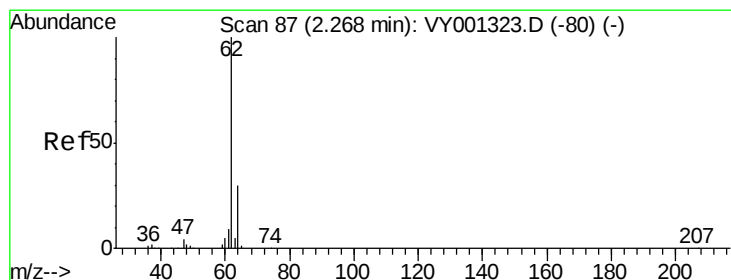
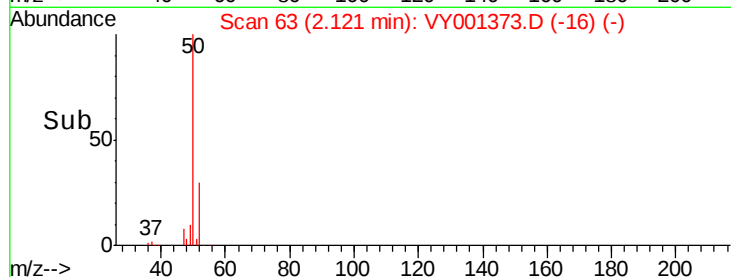
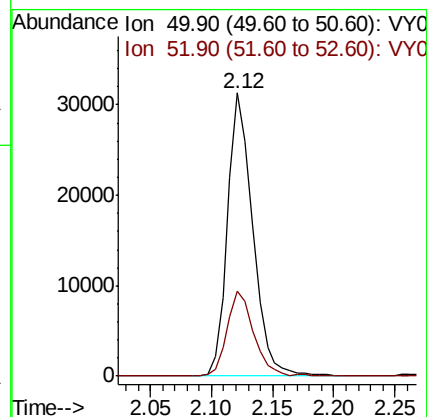
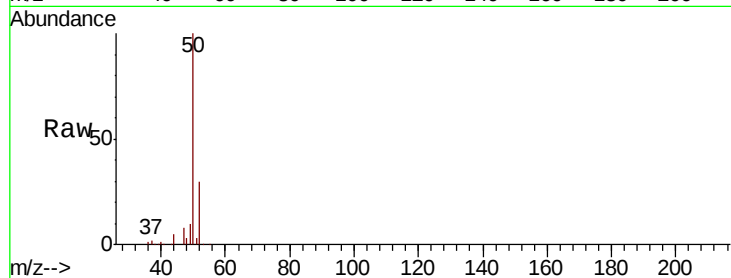
ClientSampleId :

Tot Ion: 50 Resp: 44871

Ion Ratio Lower Upper

50 100

52 30.0 25.7 38.5



#4

Vinyl Chloride

Concen: 19.821 ug/l

RT: 2.26 min Scan# 86

Delta R.T. -0.01 min

Lab File: VY001373.D

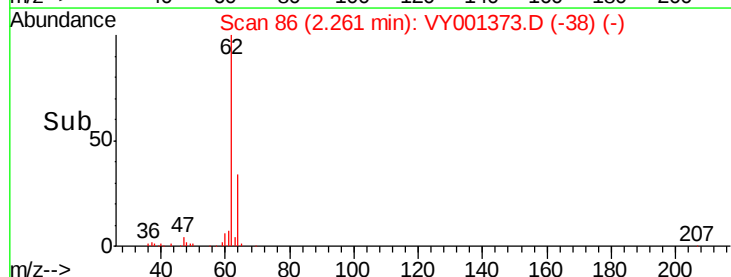
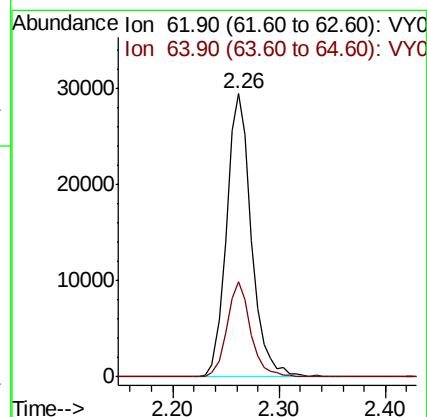
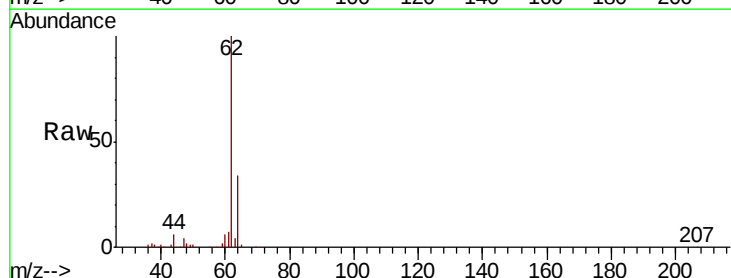
Acq: 24 Jan 2020 11:54

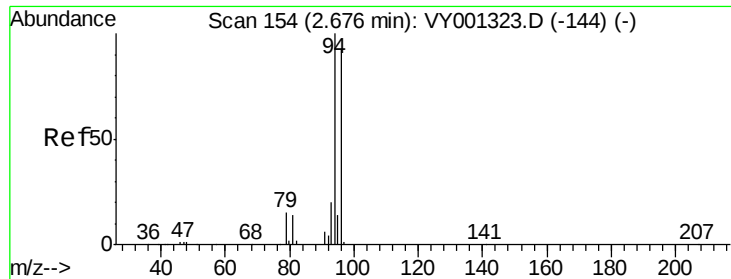
Tgt Ion: 62 Resp: 47959

Ion Ratio Lower Upper

62 100

64 33.6 23.9 35.9





#5

Bromomethane

Concen: 19.430 ug/l

RT: 2.66 min Scan# 151

Delta R.T. -0.02 min

Lab File: VY001373.D

Acq: 24 Jan 2020 11:54

Instrument :

MSVOA_Y

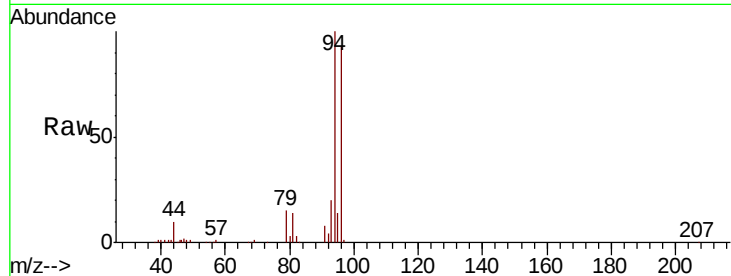
ClientSampleId :

Tot Ion: 94 Resp: 31662

Ion Ratio Lower Upper

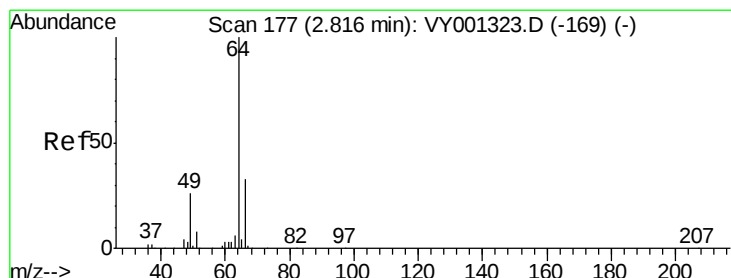
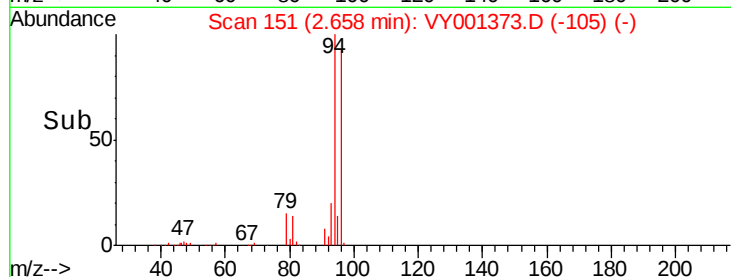
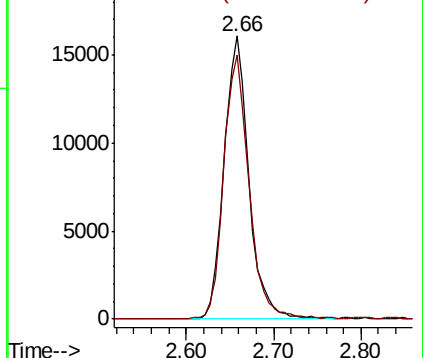
94 100

96 93.3 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: 19.262 ug/l

RT: 2.80 min Scan# 175

Delta R.T. -0.01 min

Lab File: VY001373.D

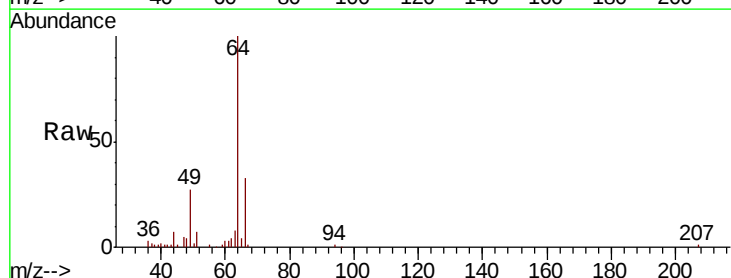
Acq: 24 Jan 2020 11:54

Tgt Ion: 64 Resp: 29781

Ion Ratio Lower Upper

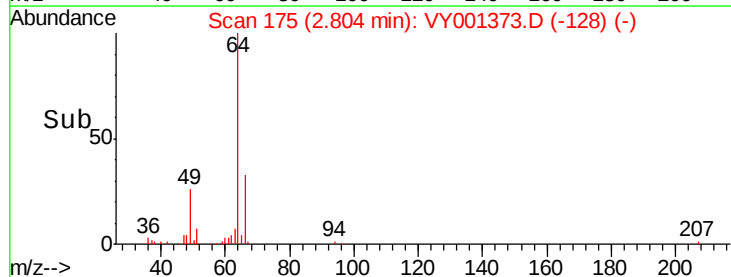
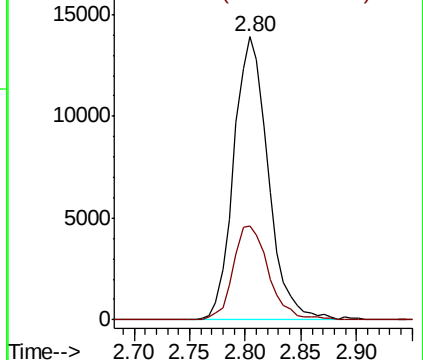
64 100

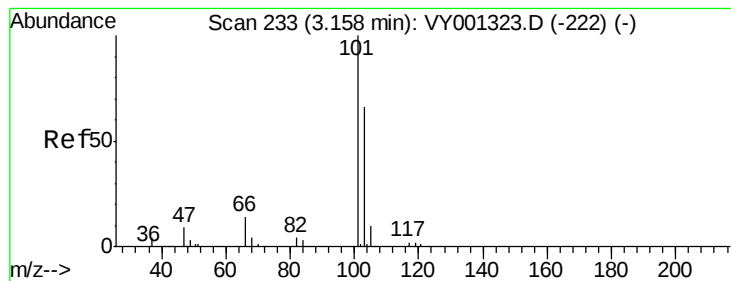
66 33.2 26.8 40.2



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



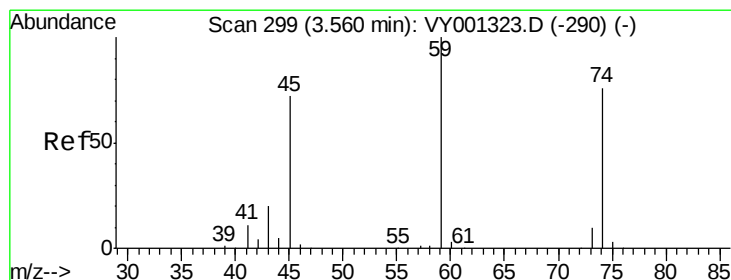
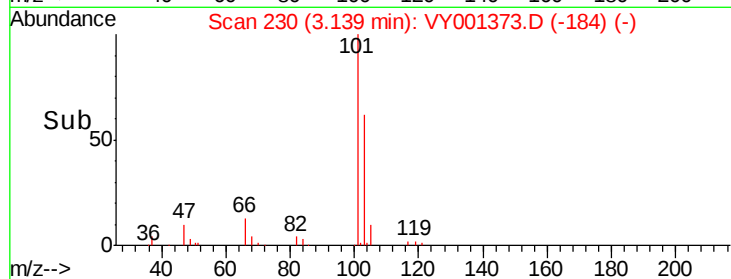
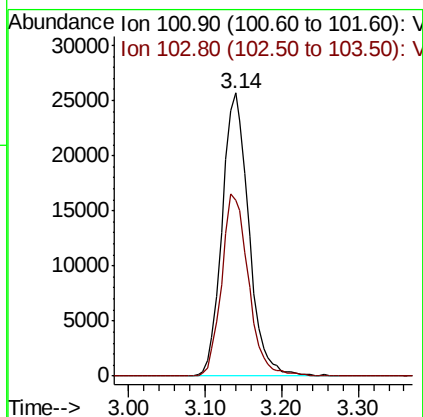
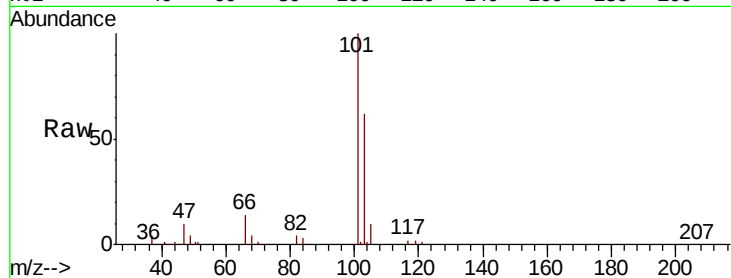


#7

Trichlorofluoromethane
Concen: 20.077 ug/l
RT: 3.14 min Scan# 230
Delta R.T. -0.02 min
Lab File: VY001373.D
Acq: 24 Jan 2020 11:54

Instrument :
MSVOA_Y
ClientSampleId :

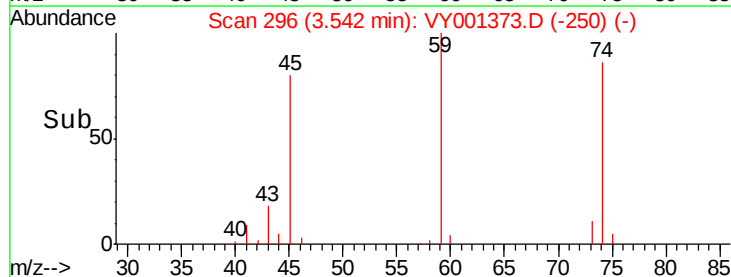
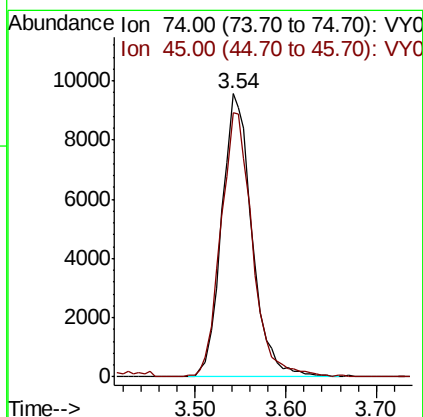
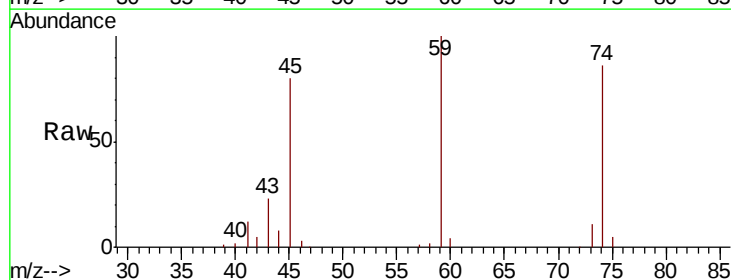
Tot Ion:101 Resp: 62153
Ion Ratio Lower Upper
101 100
103 62.3 52.5 78.7

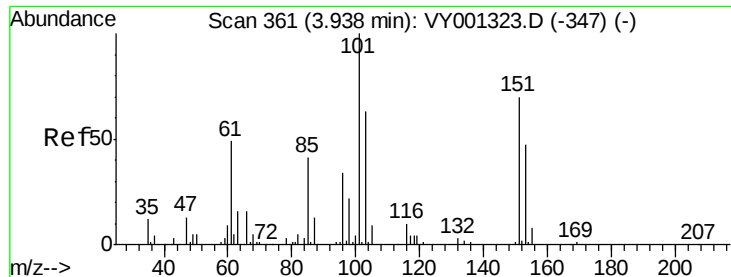


#8

Diethyl Ether
Concen: 17.069 ug/l
RT: 3.54 min Scan# 296
Delta R.T. -0.02 min
Lab File: VY001373.D
Acq: 24 Jan 2020 11:54

Tgt Ion: 74 Resp: 22307
Ion Ratio Lower Upper
74 100
45 97.3 47.2 141.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.328 ug/l

RT: 3.92 min Scan# 358

Delta R.T. -0.02 min

Lab File: VY001373.D

Acq: 24 Jan 2020 11:54

Instrument :

MSVOA_Y

ClientSampleId :

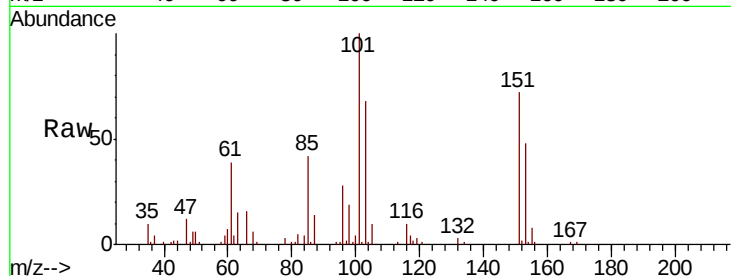
Tot Ion:101 Resp: 40077

Ion Ratio Lower Upper

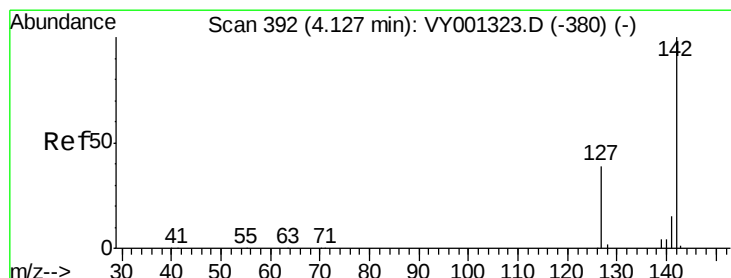
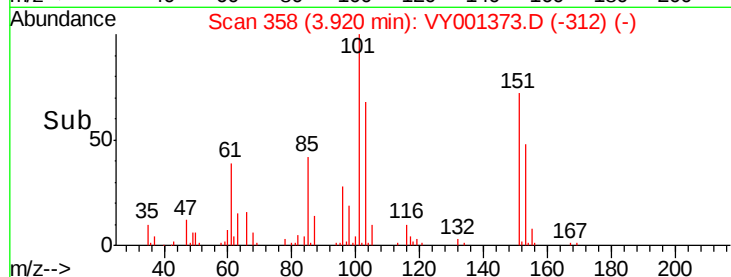
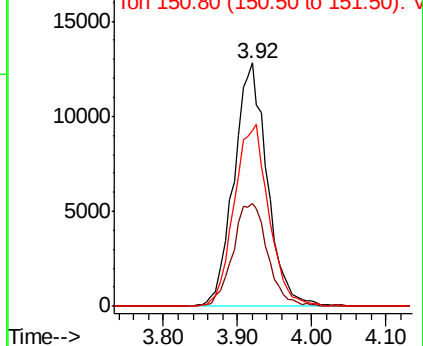
101 100

85 44.0 34.9 52.3

151 77.7 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: 17.461 ug/l

RT: 4.11 min Scan# 389

Delta R.T. -0.02 min

Lab File: VY001373.D

Acq: 24 Jan 2020 11:54

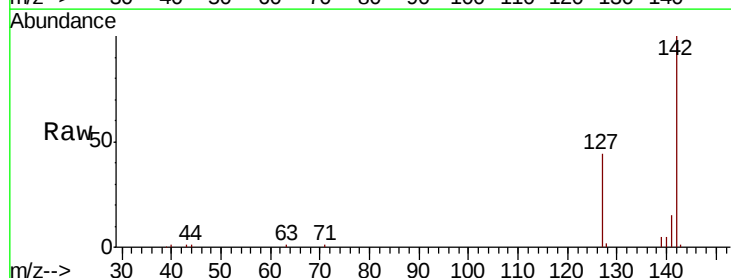
Tgt Ion:142 Resp: 45403

Ion Ratio Lower Upper

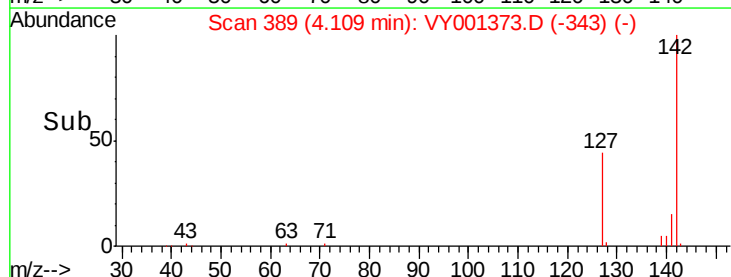
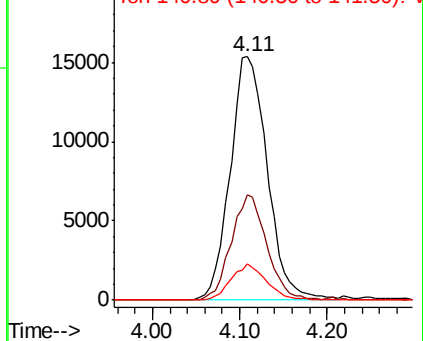
142 100

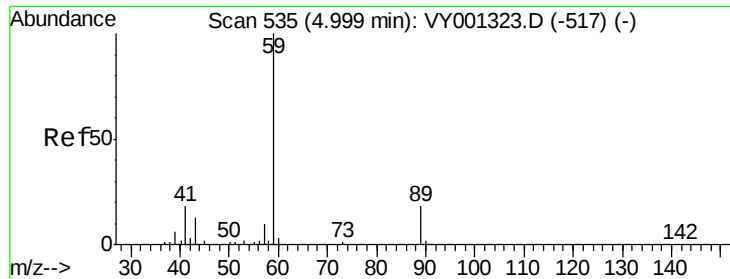
127 41.3 31.6 47.4

141 14.1 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

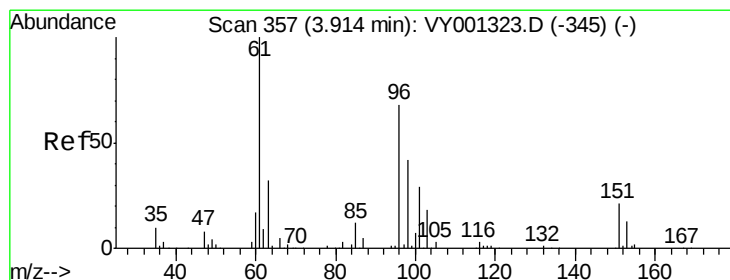
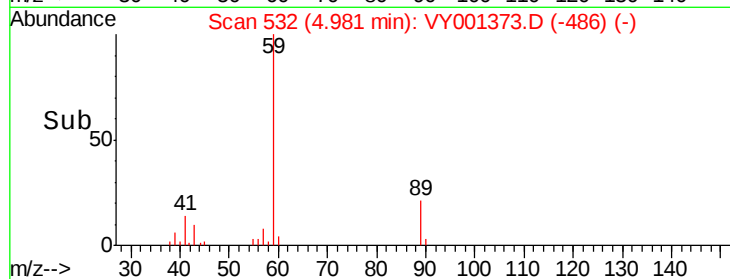
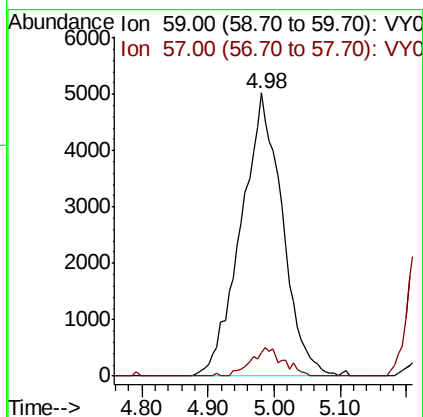
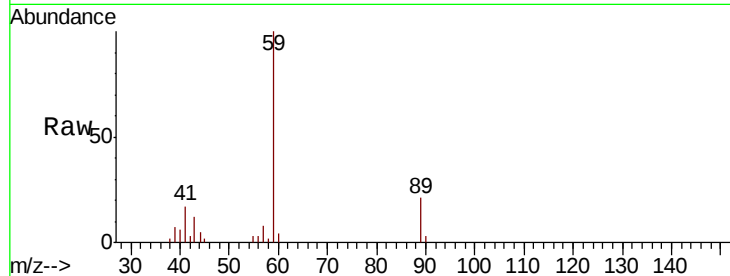




#11
Tert butyl alcohol
Concen: 67.390 ug/l
RT: 4.98 min Scan# 532
Delta R.T. -0.02 min
Lab File: VY001373.D
Acq: 24 Jan 2020 11:54

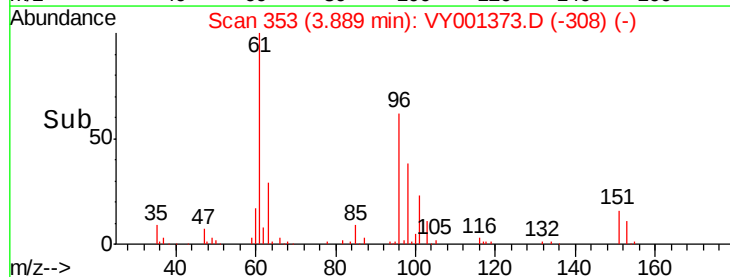
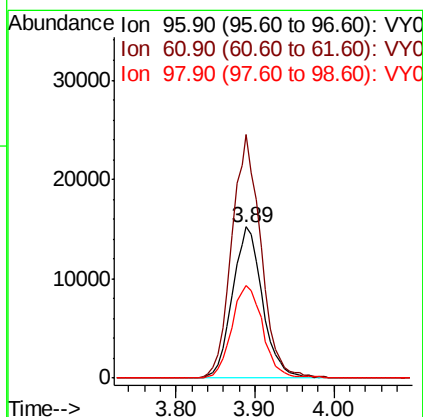
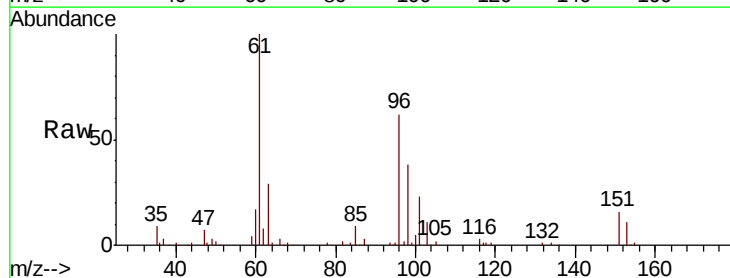
Instrument :
MSVOA_Y
ClientSampled :

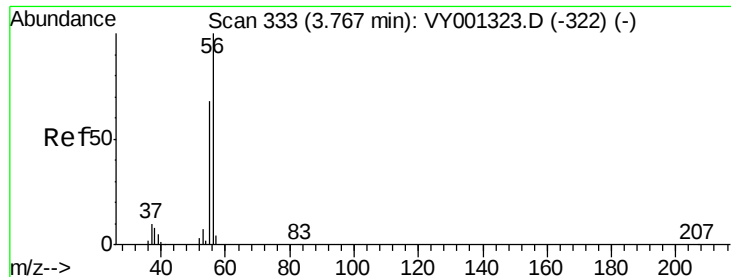
Tot Ion: 59 Resp: 21721
Ion Ratio Lower Upper
59 100
57 8.0 7.4 11.2



#12
1,1-Dichloroethene
Concen: 19.543 ug/l
RT: 3.89 min Scan# 353
Delta R.T. -0.02 min
Lab File: VY001373.D
Acq: 24 Jan 2020 11:54

Tgt Ion: 96 Resp: 40399
Ion Ratio Lower Upper
96 100
61 160.9 118.0 177.0
98 61.4 49.4 74.2





#13

Acrolein

Concen: 96.782 ug/l

RT: 3.75 min Scan# 330

Delta R.T. -0.02 min

Lab File: VY001373.D

Acq: 24 Jan 2020 11:54

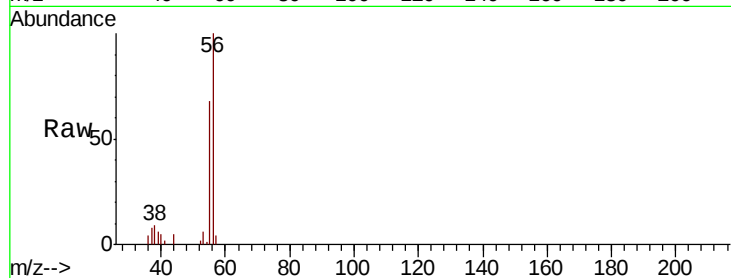
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 56 Resp: 16451

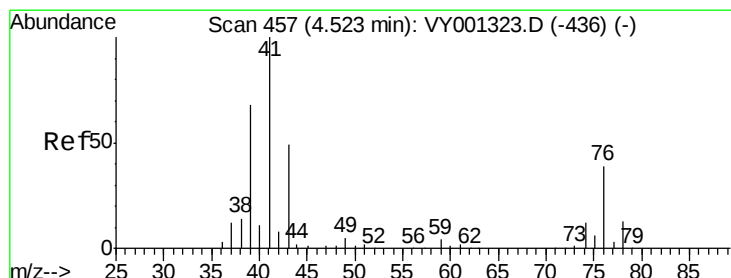
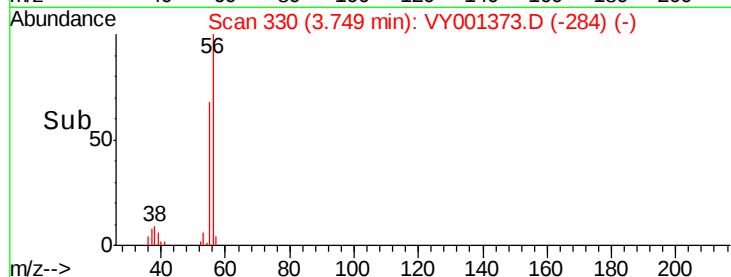
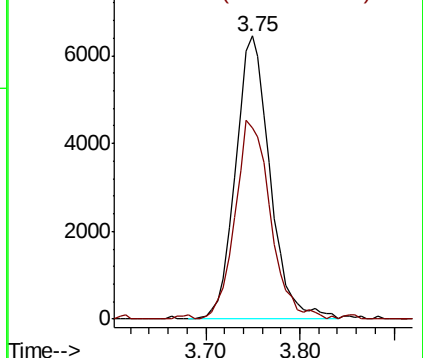
Ion Ratio Lower Upper

56 100

55 72.4 55.9 83.9



Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 55.00 (54.70 to 55.70): VY0



#14

Allyl chloride

Concen: 18.484 ug/l

RT: 4.50 min Scan# 454

Delta R.T. -0.02 min

Lab File: VY001373.D

Acq: 24 Jan 2020 11:54

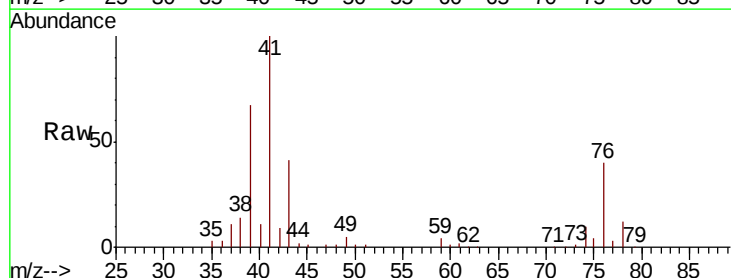
Tgt Ion: 41 Resp: 68137

Ion Ratio Lower Upper

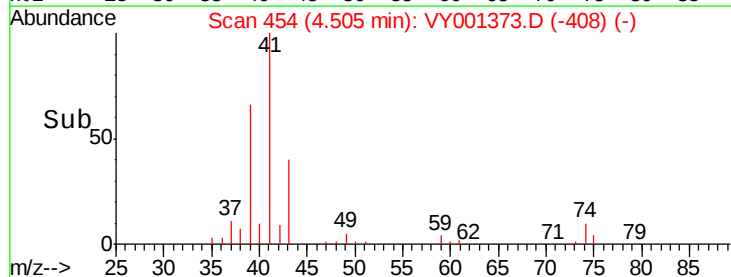
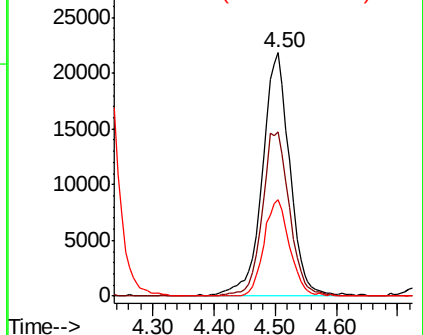
41 100

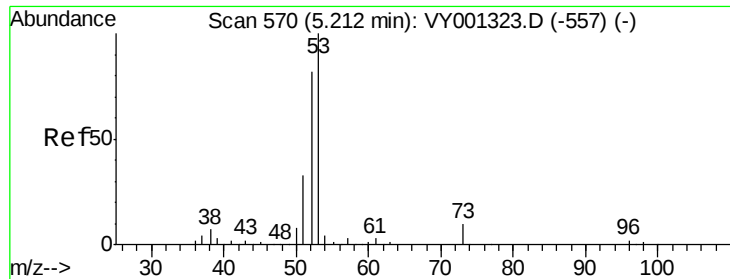
39 67.0 52.2 78.4

76 37.1 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





#15

Acrylonitrile

Concen: 80.212 ug/l

RT: 5.19 min Scan# 566

Delta R.T. -0.02 min

Lab File: VY001373.D

Acq: 24 Jan 2020 11:54

Instrument :

MSVOA_Y

ClientSampleId :

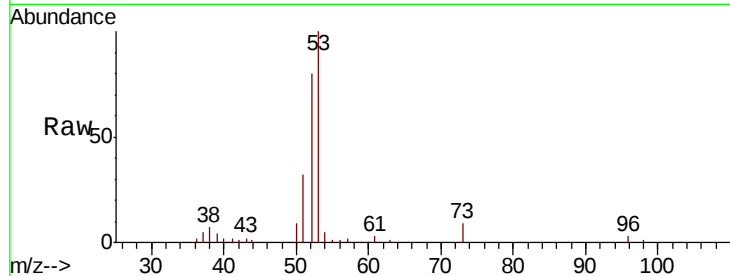
Tot Ion: 53 Resp: 53658

Ion Ratio Lower Upper

53 100

52 83.1 65.3 97.9

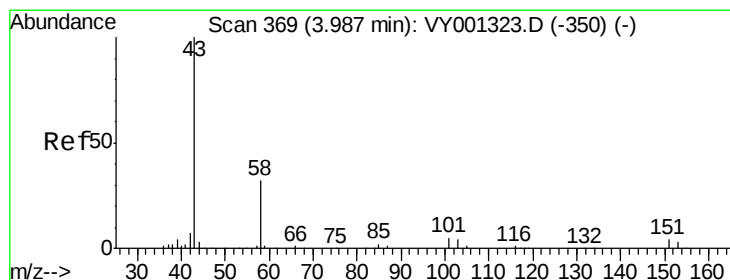
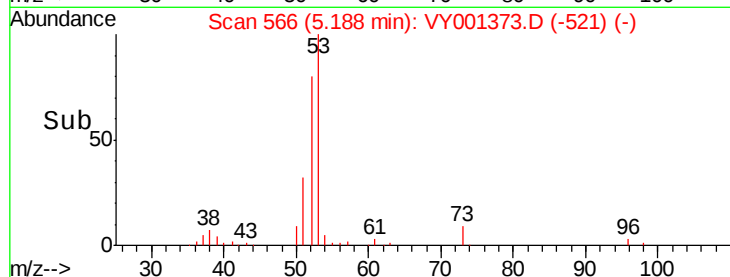
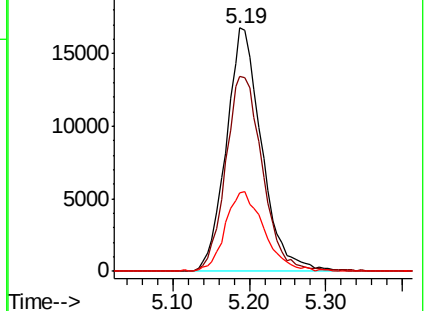
51 35.7 28.4 42.6



Abundance Ion 53.00 (52.70 to 53.70): VY001373.D (-557) (-)

Ion 52.00 (51.70 to 52.70): VY001373.D (-557) (-)

Ion 51.00 (50.70 to 51.70): VY001373.D (-557) (-)



#16

Acetone

Concen: 78.359 ug/l

RT: 3.97 min Scan# 367

Delta R.T. -0.01 min

Lab File: VY001373.D

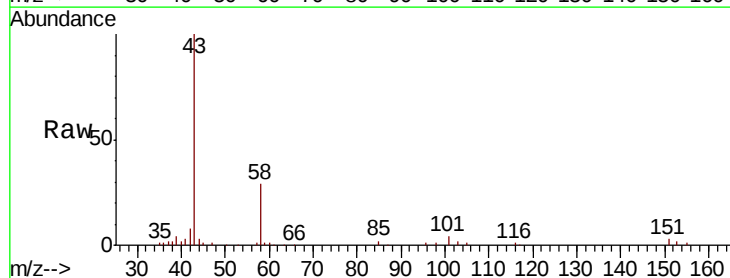
Acq: 24 Jan 2020 11:54

Tgt Ion: 43 Resp: 46635

Ion Ratio Lower Upper

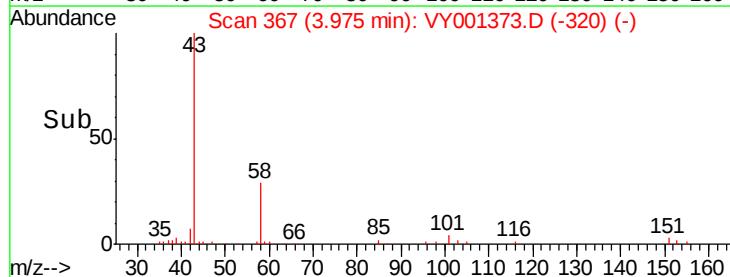
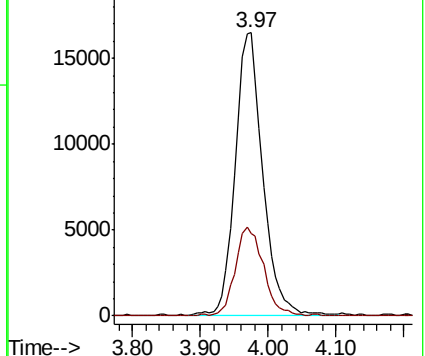
43 100

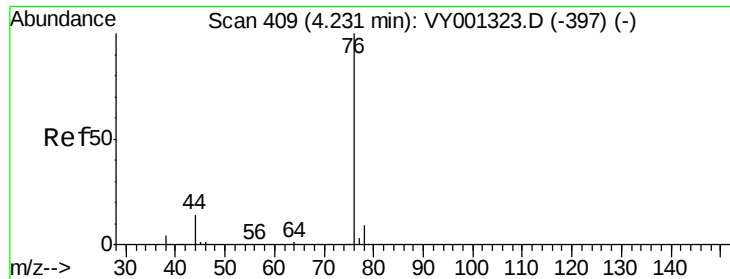
58 29.2 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VY001373.D (-320) (-)

Ion 58.00 (57.70 to 58.70): VY001373.D (-320) (-)

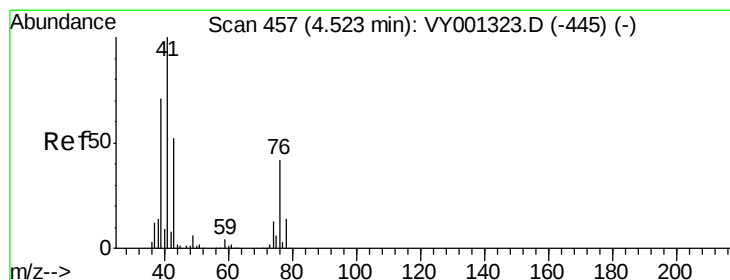
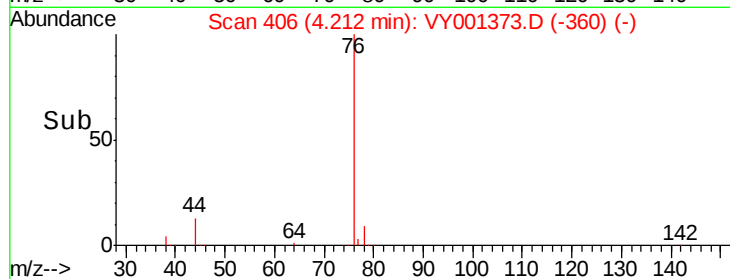
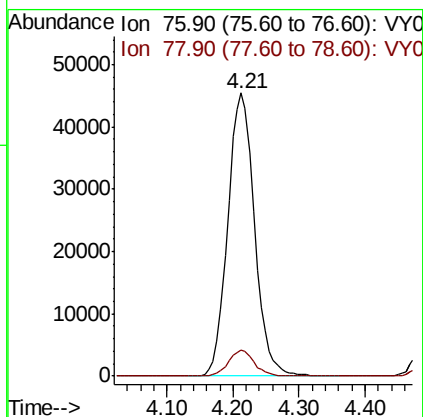
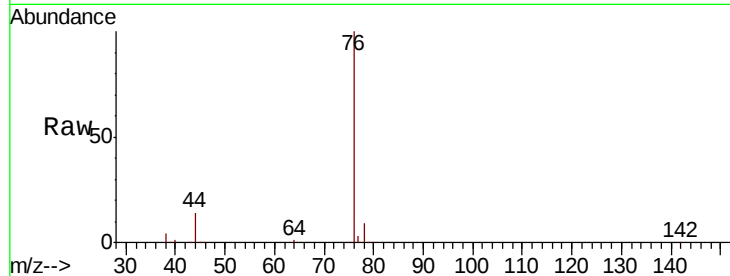




#17
Carbon Disulfide
Concen: 19.555 ug/l
RT: 4.21 min Scan# 406
Delta R.T. -0.02 min
Lab File: VY001373.D
Acq: 24 Jan 2020 11:54

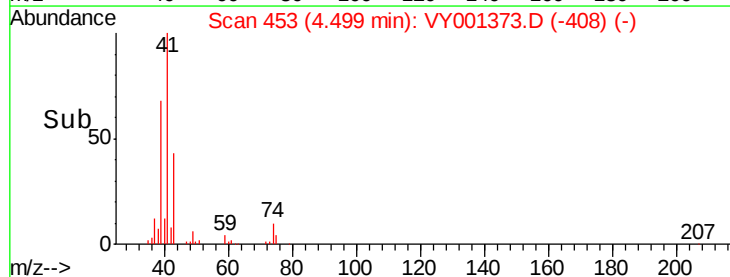
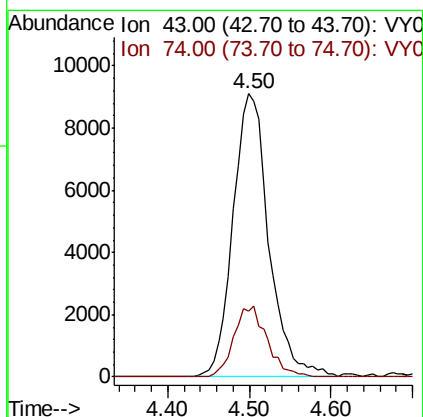
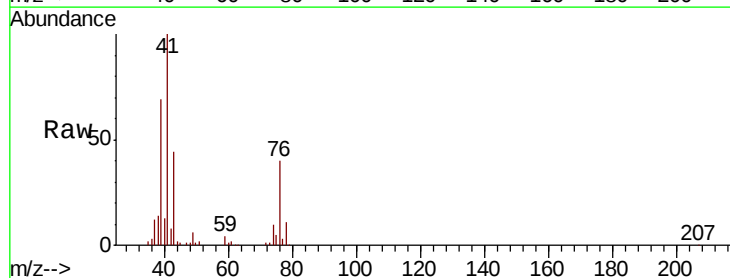
Instrument :
MSVOA_Y
ClientSampled :

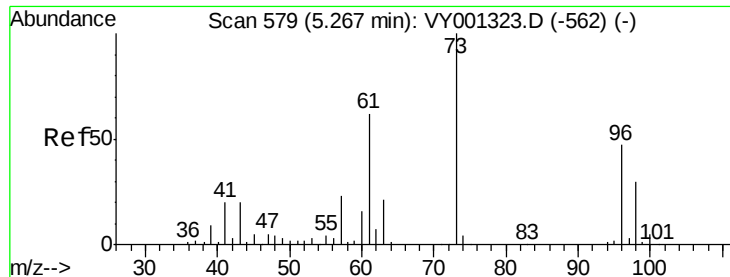
Tot Ion: 76 Resp: 127129
Ion Ratio Lower Upper
76 100
78 9.3 7.0 10.6



#18
Methyl Acetate
Concen: 15.463 ug/l
RT: 4.50 min Scan# 453
Delta R.T. -0.02 min
Lab File: VY001373.D
Acq: 24 Jan 2020 11:54

Tgt Ion: 43 Resp: 27625
Ion Ratio Lower Upper
43 100
74 23.2 19.4 29.2

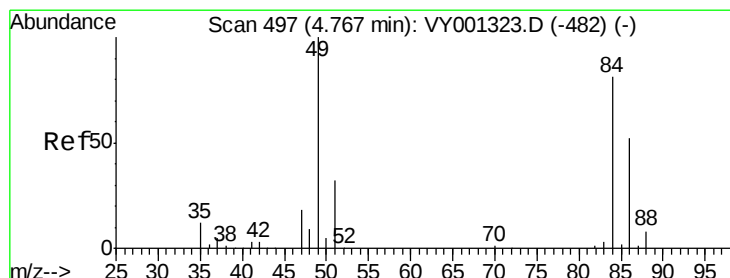
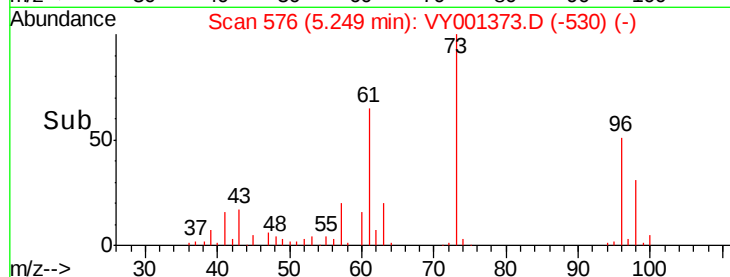
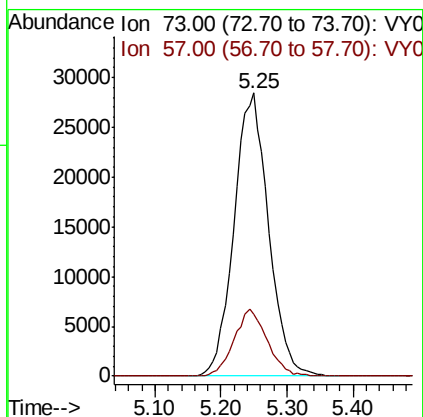
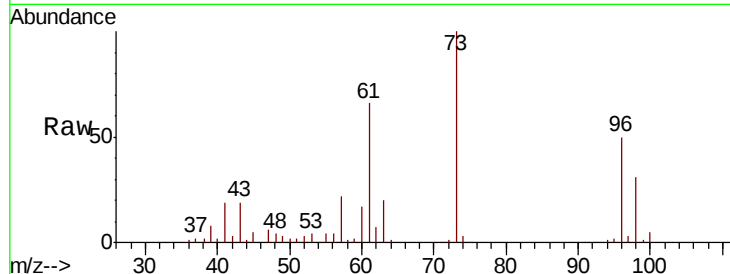




#19
Methvl tert-butvl Ether
Concen: 16.997 ug/l
RT: 5.25 min Scan# 576
Delta R.T. -0.02 min
Lab File: VY001373.D
Acq: 24 Jan 2020 11:54

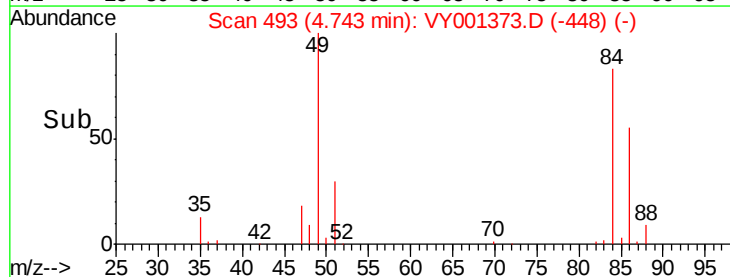
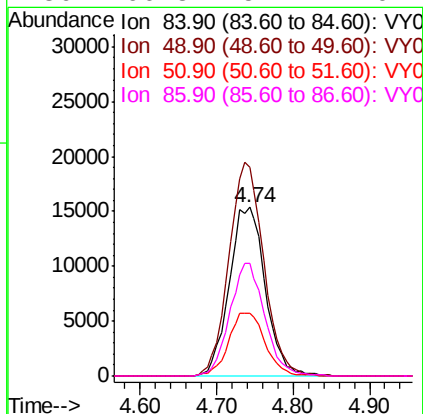
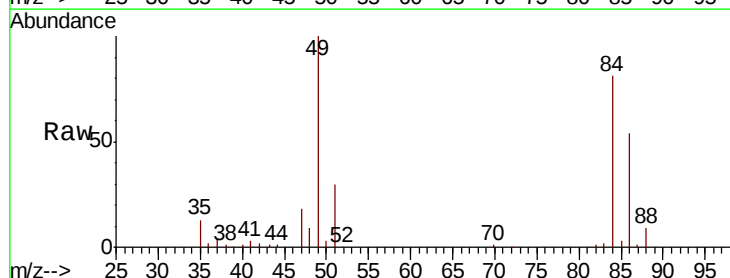
Instrument :
MSVOA_Y
ClientSampled :

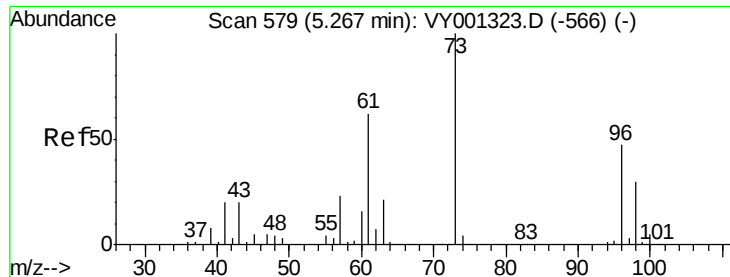
Tot Ion: 73 Resp: 102873
Ion Ratio Lower Upper
73 100
57 21.7 18.2 27.2



#20
Methylene Chloride
Concen: 16.295 ug/l
RT: 4.74 min Scan# 493
Delta R.T. -0.02 min
Lab File: VY001373.D
Acq: 24 Jan 2020 11:54

Tgt Ion: 84 Resp: 50103
Ion Ratio Lower Upper
84 100
49 123.3 98.3 147.5
51 37.4 31.6 47.4
86 66.8 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 18.733 ug/l

RT: 5.25 min Scan# 576

Delta R.T. -0.02 min

Lab File: VY001373.D

Acq: 24 Jan 2020 11:54

Instrument :

MSVOA_Y

ClientSampled :

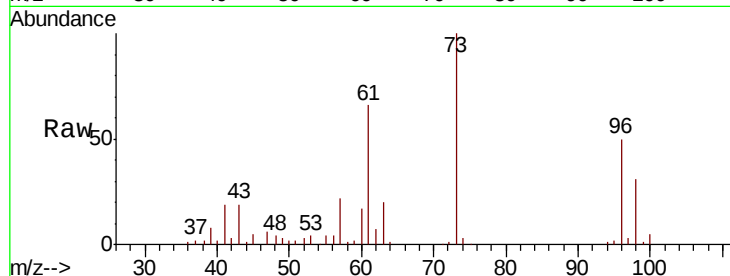
Tot Ion: 96 Resp: 44980

Ion Ratio Lower Upper

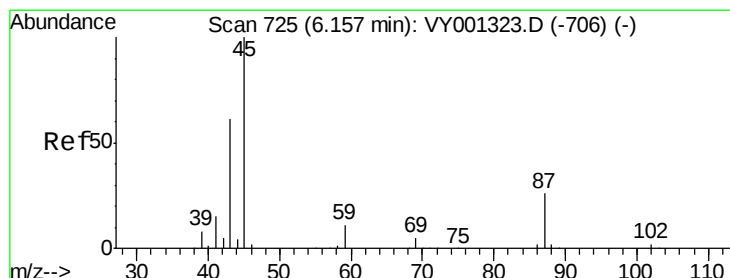
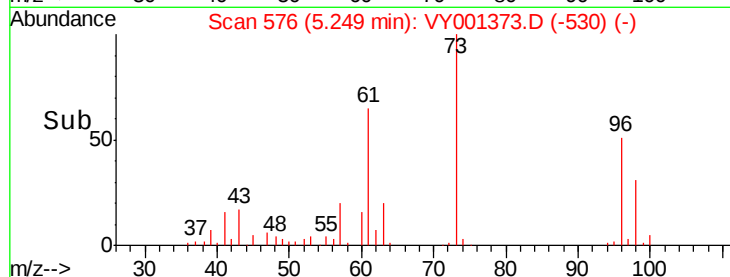
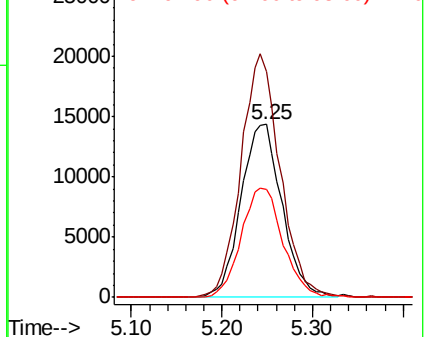
96 100

61 130.2 106.8 160.2

98 62.1 51.0 76.6



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



#22

Diisopropyl ether

Concen: 17.598 ug/l

RT: 6.14 min Scan# 723

Delta R.T. -0.01 min

Lab File: VY001373.D

Acq: 24 Jan 2020 11:54

Tgt Ion: 45 Resp: 137752

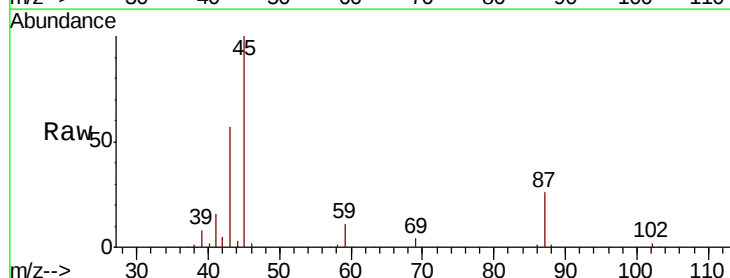
Ion Ratio Lower Upper

45 100

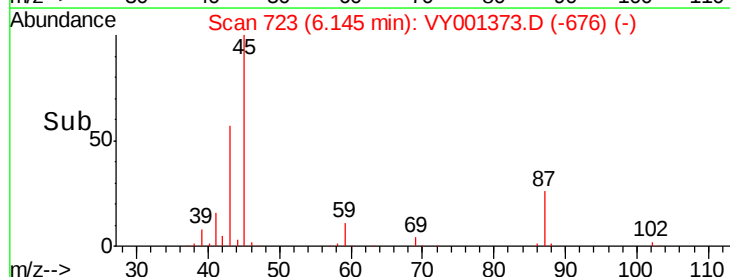
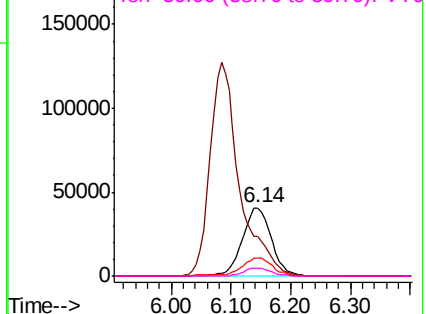
43 56.6 49.2 73.8

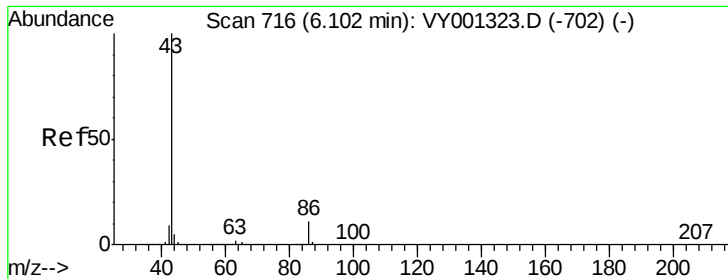
87 26.4 21.4 32.2

59 11.4 9.3 13.9



Abundance Ion 45.00 (44.70 to 45.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 87.00 (86.70 to 87.70): VY0
Ion 59.00 (58.70 to 59.70): VY0





#23

Vinyl Acetate

Concen: 85.274 ug/l

RT: 6.08 min Scan# 713

Delta R.T. -0.02 min

Lab File: VY001373.D

Acq: 24 Jan 2020 11:54

Instrument :

MSVOA_Y

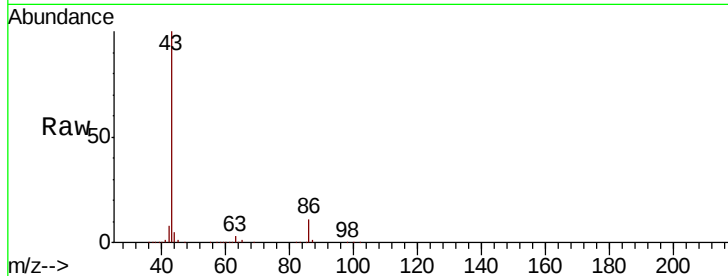
ClientSampled :

Tot Ion: 43 Resp: 433359

Ion Ratio Lower Upper

43 100

86 11.2 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

6.08

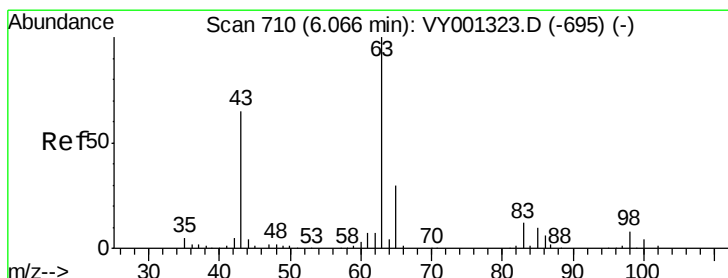
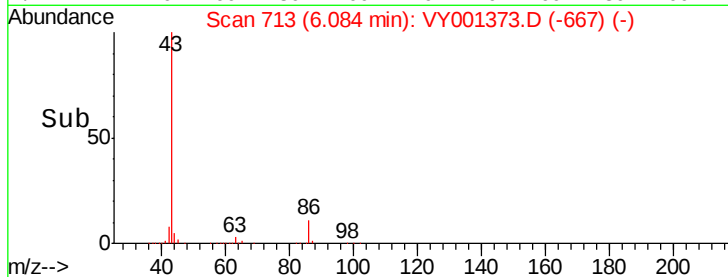
150000

100000

50000

0

Time--> 5.90 6.00 6.10 6.20 6.30



#24

1,1-Dichloroethane

Concen: 18.693 ug/l

RT: 6.05 min Scan# 707

Delta R.T. -0.02 min

Lab File: VY001373.D

Acq: 24 Jan 2020 11:54

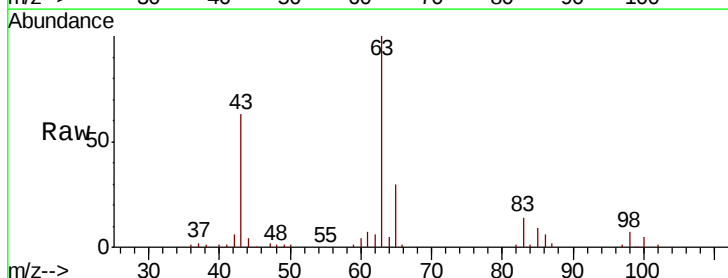
Tgt Ion: 63 Resp: 77128

Ion Ratio Lower Upper

63 100

98 7.5 4.0 12.0

100 4.9 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

6.05

30000

25000

20000

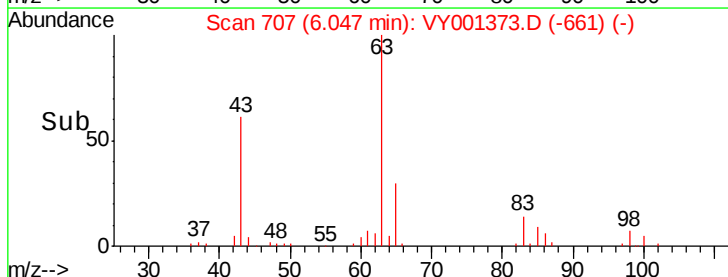
15000

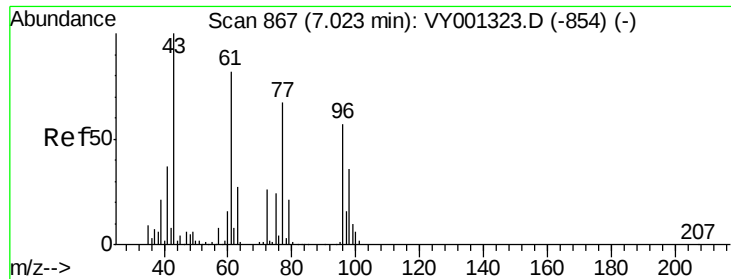
10000

5000

0

Time--> 5.90 6.00 6.10 6.20

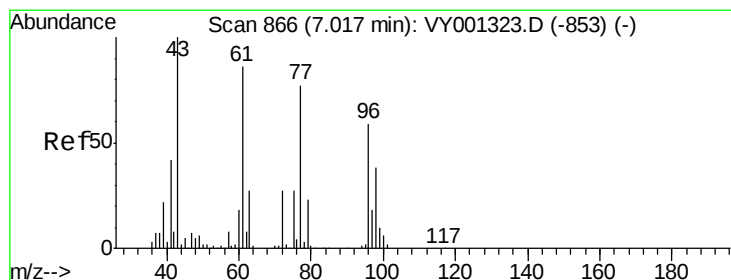
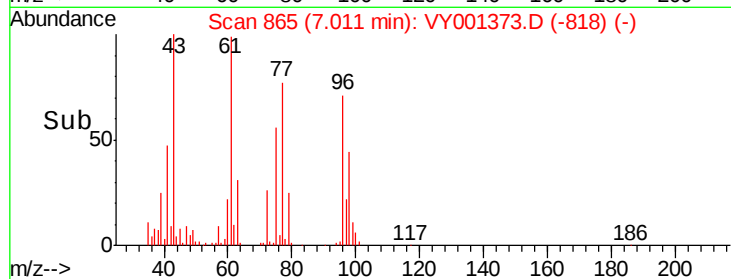
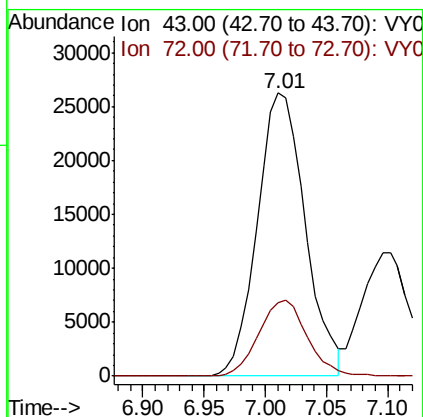
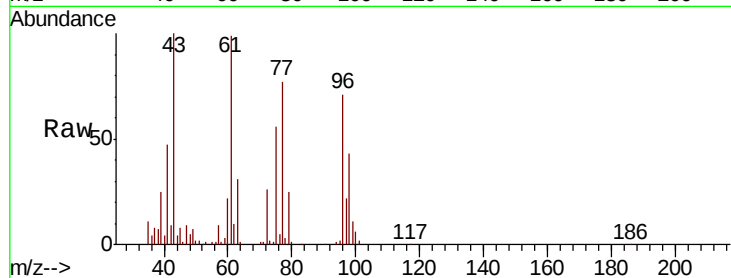




#25
2-Butanone
Concen: 77.801 ug/l
RT: 7.01 min Scan# 865
Delta R.T. -0.01 min
Lab File: VY001373.D
Acq: 24 Jan 2020 11:54

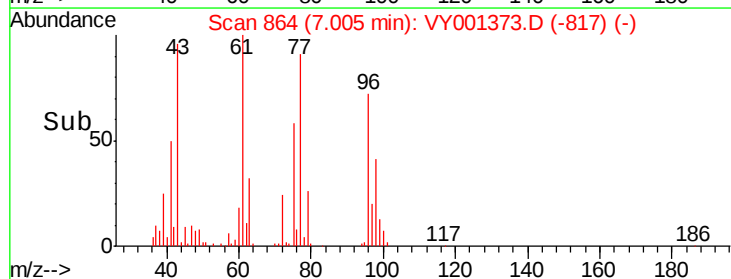
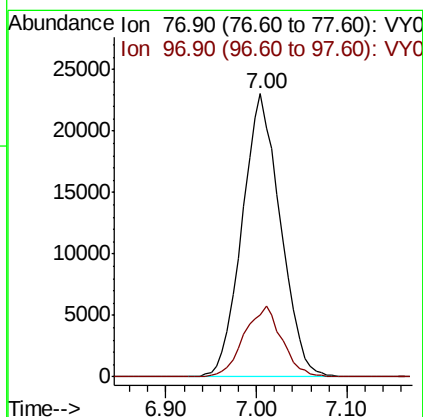
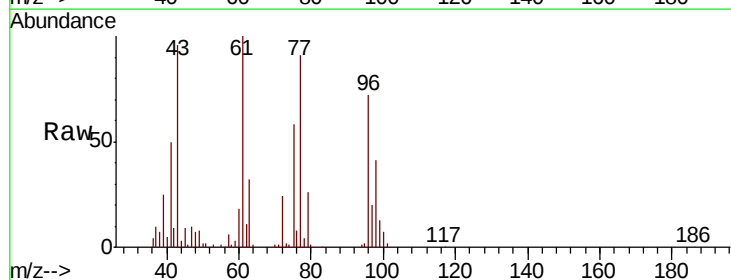
Instrument :
MSVOA_Y
ClientSampled :

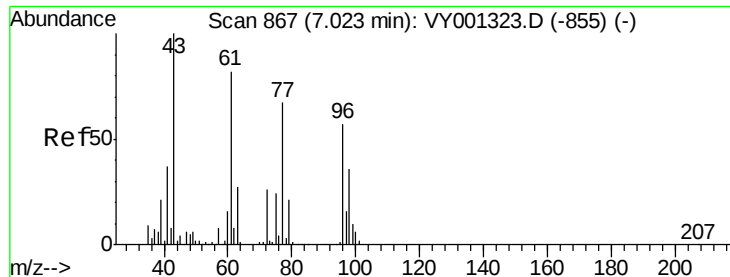
Tot Ion: 43 Resp: 71740
Ion Ratio Lower Upper
43 100
72 26.1 20.6 31.0



#26
2,2-Dichloropropane
Concen: 18.335 ug/l
RT: 7.00 min Scan# 864
Delta R.T. -0.01 min
Lab File: VY001373.D
Acq: 24 Jan 2020 11:54

Tgt Ion: 77 Resp: 67387
Ion Ratio Lower Upper
77 100
97 24.7 11.9 35.5



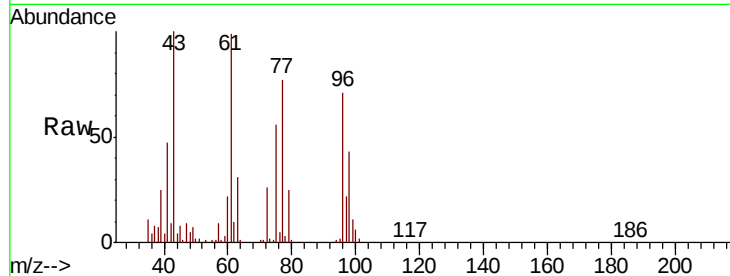


#27

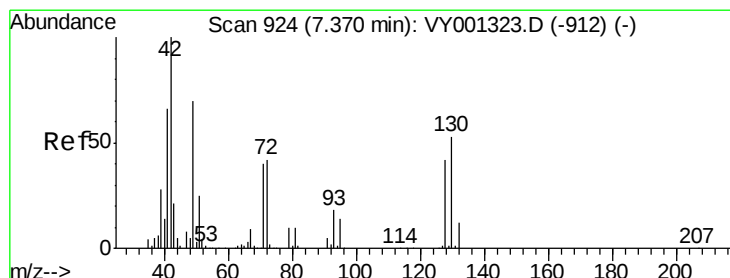
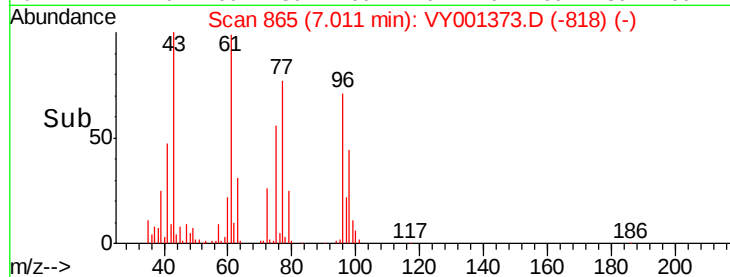
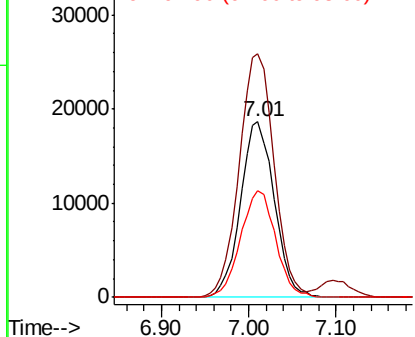
cis-1,2-Dichloroethene
 Concen: 18.711 ug/l
 RT: 7.01 min Scan# 865
 Delta R.T. -0.01 min
 Lab File: VY001373.D
 Acq: 24 Jan 2020 11:54

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion: 96 Resp: 50212
 Ion Ratio Lower Upper
 96 100
 61 142.8 0.0 284.8
 98 62.6 0.0 128.4



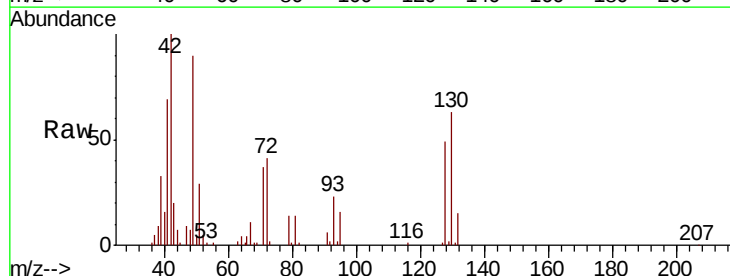
Abundance Ion 95.90 (95.60 to 96.60): VY0
 Ion 60.90 (60.60 to 61.60): VY0
 Ion 97.90 (97.60 to 98.60): VY0



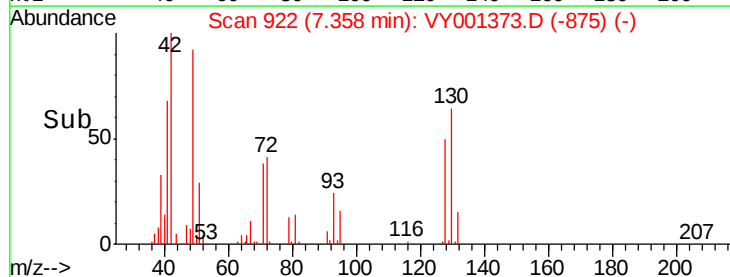
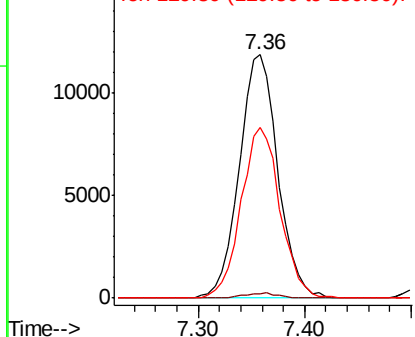
#28

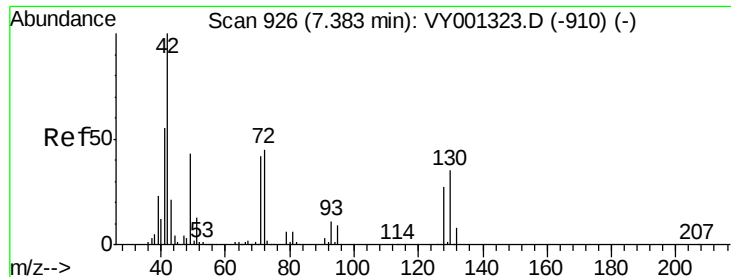
Bromochloromethane
 Concen: 17.725 ug/l
 RT: 7.36 min Scan# 922
 Delta R.T. -0.01 min
 Lab File: VY001373.D
 Acq: 24 Jan 2020 11:54

Tgt Ion: 49 Resp: 30161
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 4.0
 130 70.7 58.9 88.3



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

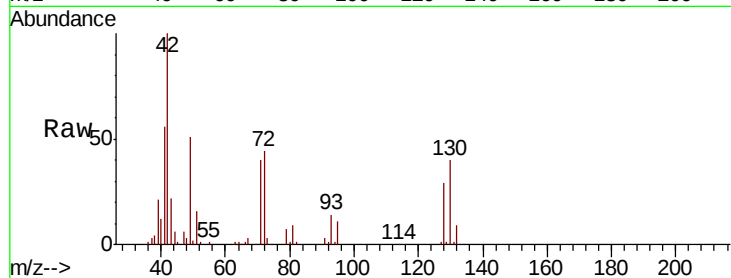




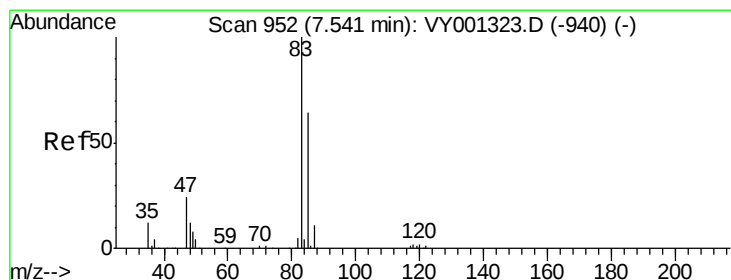
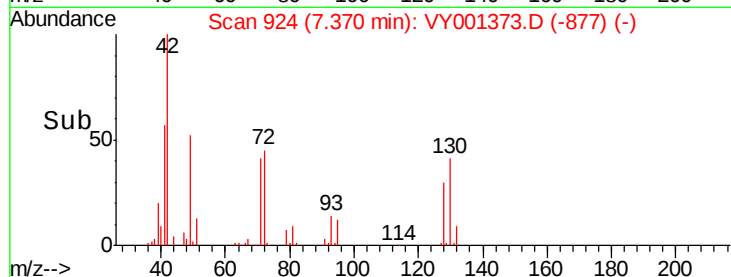
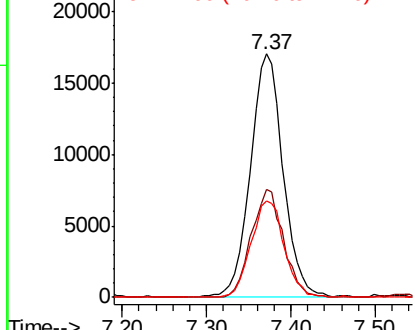
#29
Tetrahydrofuran
Concen: 75.199 ug/l
RT: 7.37 min Scan# 924
Delta R.T. -0.01 min
Lab File: VY001373.D
Acq: 24 Jan 2020 11:54

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 42 Resp: 45112
Ion Ratio Lower Upper
42 100
72 43.4 34.6 51.8
71 40.3 32.6 48.8

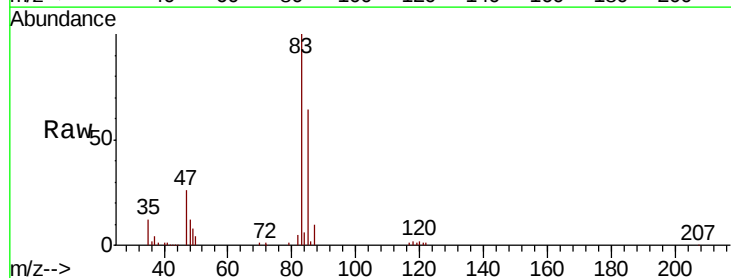


Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

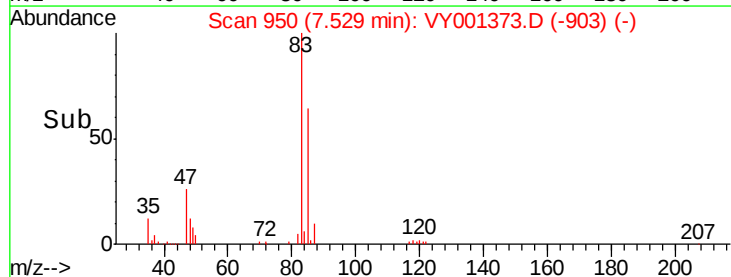
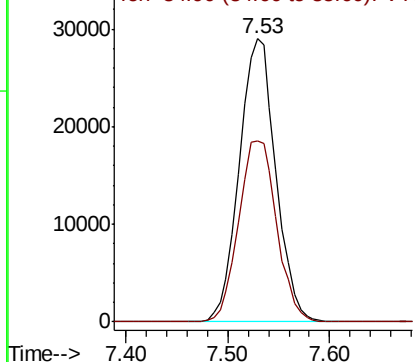


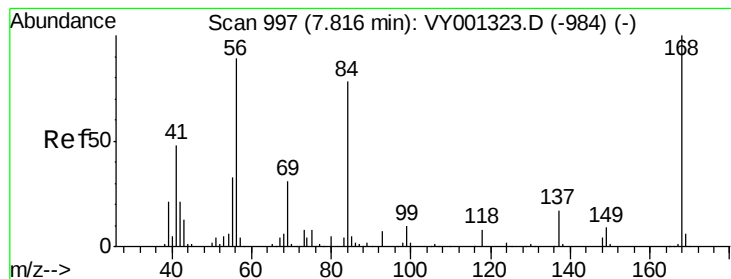
#30
Chloroform
Concen: 17.824 ug/l
RT: 7.53 min Scan# 950
Delta R.T. -0.01 min
Lab File: VY001373.D
Acq: 24 Jan 2020 11:54

Tgt Ion: 83 Resp: 72084
Ion Ratio Lower Upper
83 100
85 64.0 51.5 77.3



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





#31

Cyclohexane

Concen: 19.859 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.01 min

Lab File: VY001373.D

Acq: 24 Jan 2020 11:54

Instrument :
MSVOA_Y
ClientSampled :

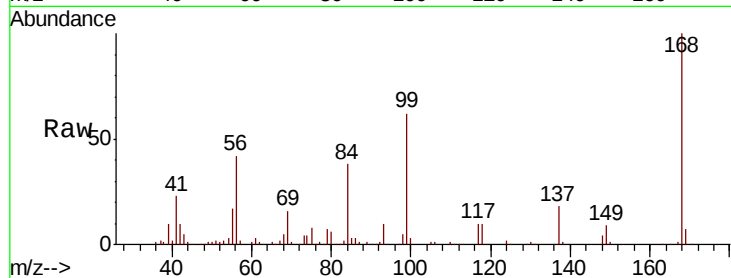
Tot Ion: 56 Resp: 81354

Ion Ratio Lower Upper

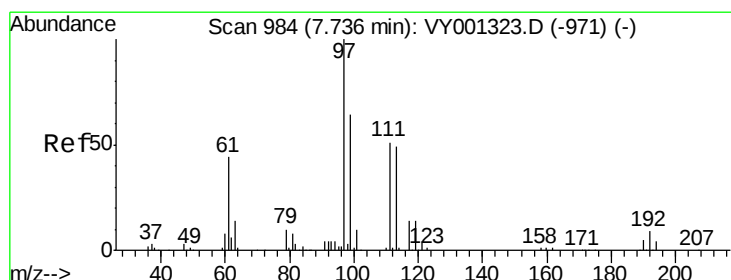
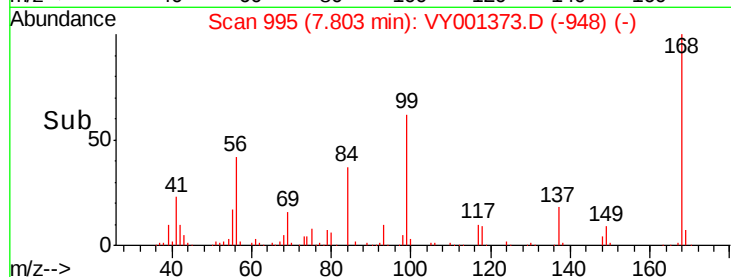
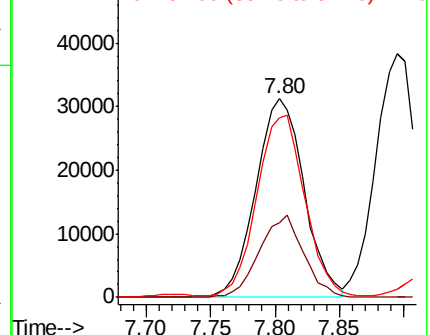
56 100

69 37.8 27.6 41.4

84 89.4 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: 18.958 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.01 min

Lab File: VY001373.D

Acq: 24 Jan 2020 11:54

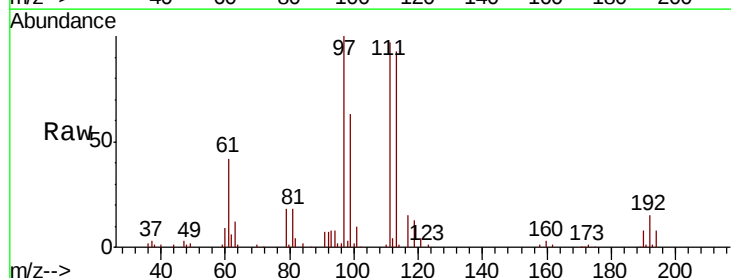
Tgt Ion: 97 Resp: 64737

Ion Ratio Lower Upper

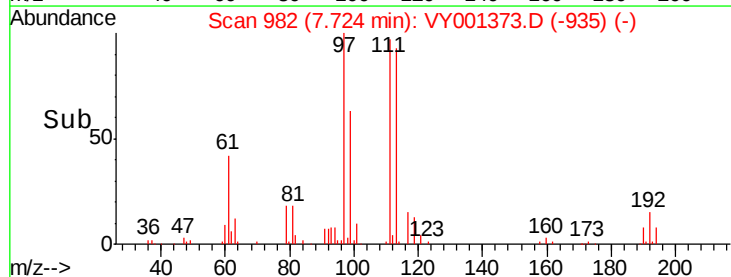
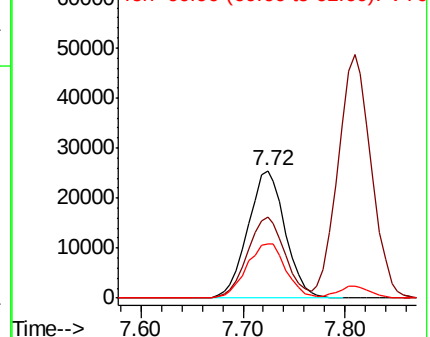
97 100

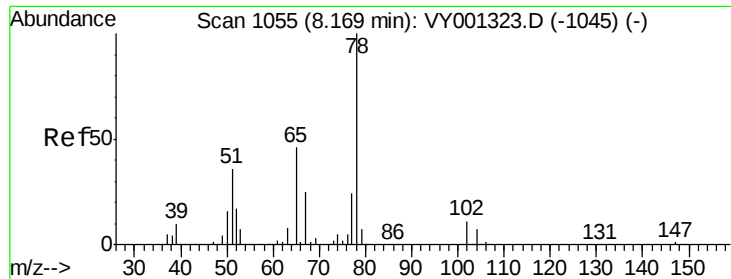
99 64.0 51.3 76.9

61 45.0 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: 47.556 ug/l

RT: 8.16 min Scan# 1054

Delta R.T. -0.01 min

Lab File: VY001373.D

Acq: 24 Jan 2020 11:54

Instrument :

MSVOA_Y

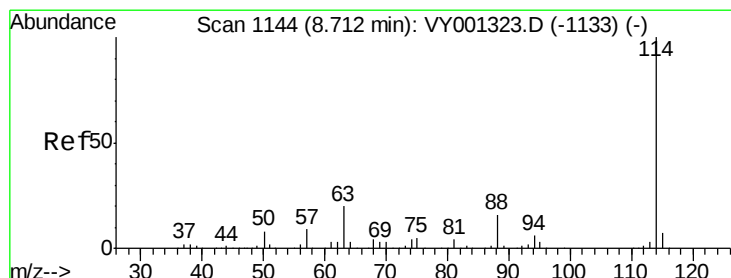
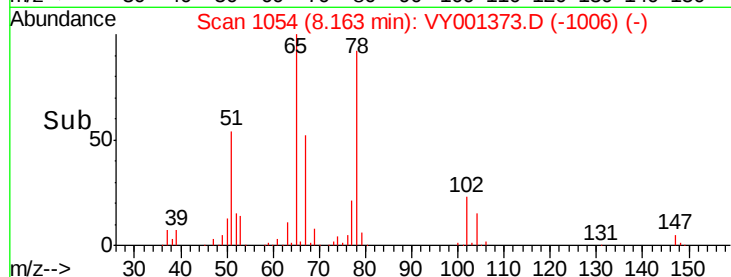
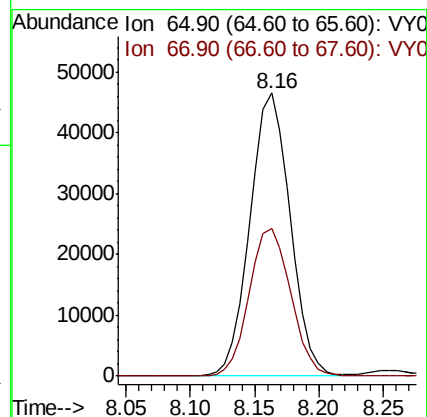
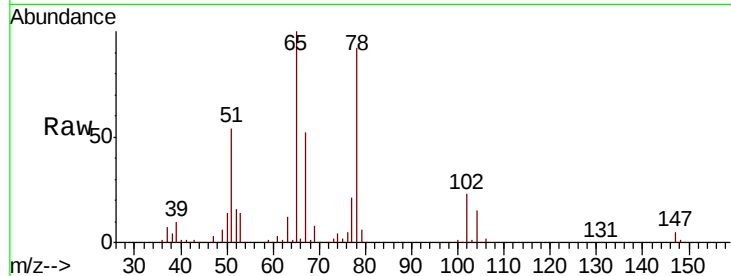
ClientSampleId :

Tot Ion: 65 Resp: 100749

Ion Ratio Lower Upper

65 100

67 54.0 0.0 108.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1143

Delta R.T. -0.01 min

Lab File: VY001373.D

Acq: 24 Jan 2020 11:54

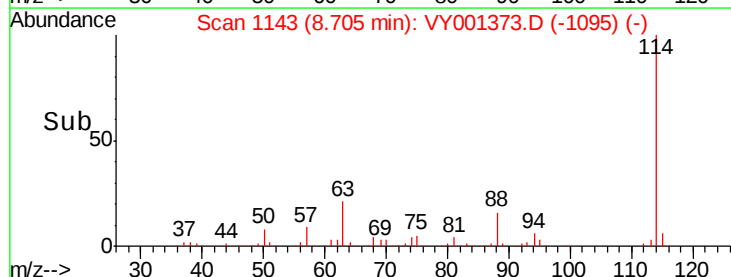
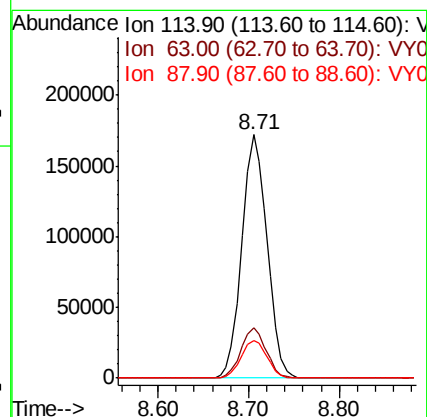
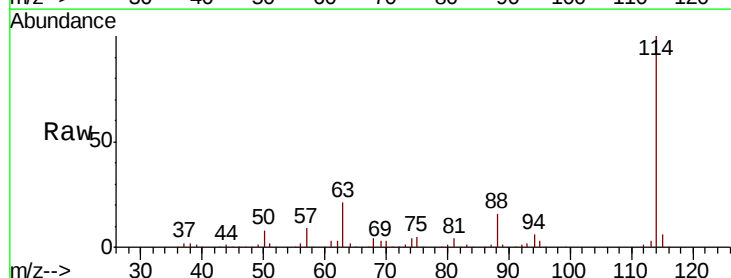
Tgt Ion: 114 Resp: 331933

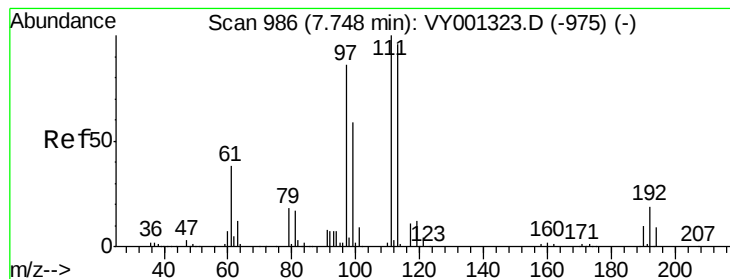
Ion Ratio Lower Upper

114 100

63 20.7 0.0 40.8

88 15.5 0.0 31.0





#35

Dibromofluoromethane

Concen: 49.083 ug/l

RT: 7.74 min Scan# 984

Delta R.T. -0.01 min

Lab File: VY001373.D

Acq: 24 Jan 2020 11:54

Instrument :
MSVOA_Y
ClientSampled :

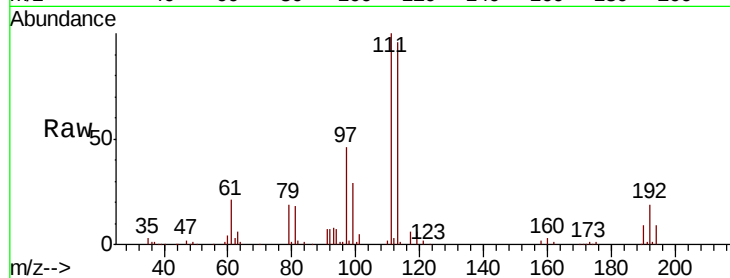
Tot Ion:113 Resp: 95621

Ion Ratio Lower Upper

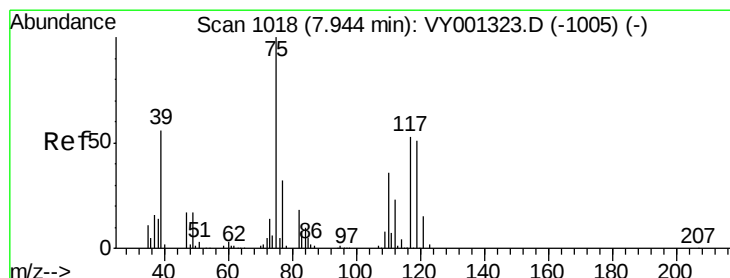
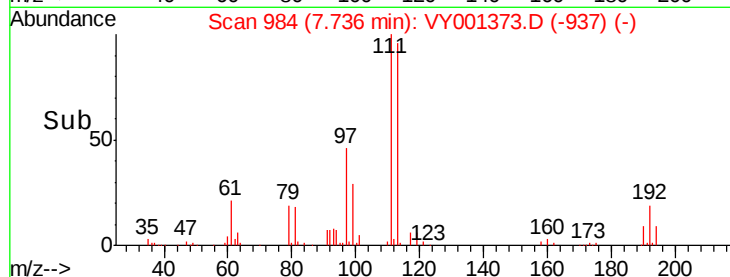
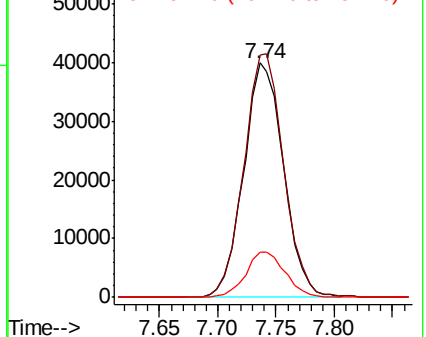
113 100

111 103.9 82.8 124.2

192 19.1 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: 19.702 ug/l

RT: 7.94 min Scan# 1017

Delta R.T. -0.01 min

Lab File: VY001373.D

Acq: 24 Jan 2020 11:54

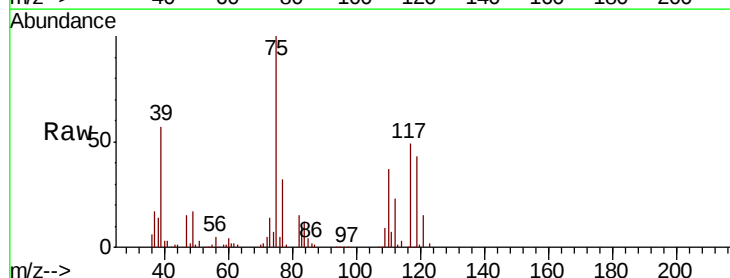
Tgt Ion: 75 Resp: 61785

Ion Ratio Lower Upper

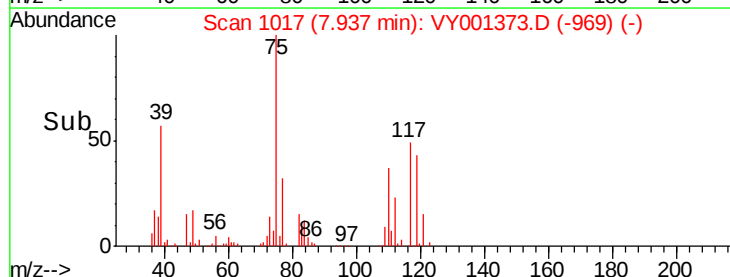
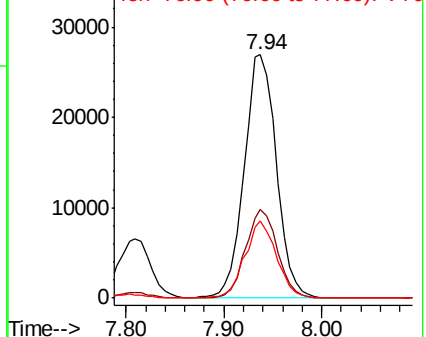
75 100

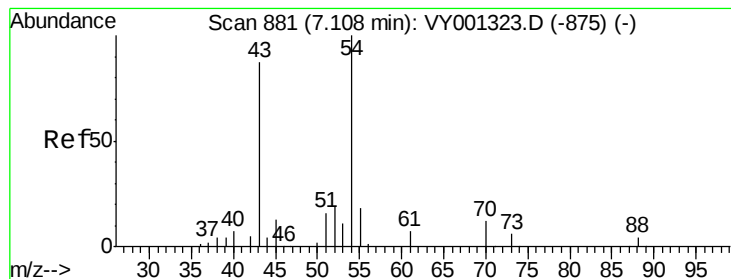
110 35.9 17.6 52.8

77 31.2 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: 16.932 ug/l

RT: 7.10 min Scan# 879

Delta R.T. -0.01 min

Lab File: VY001373.D

Acq: 24 Jan 2020 11:54

Instrument :

MSVOA_Y

ClientSampleId :

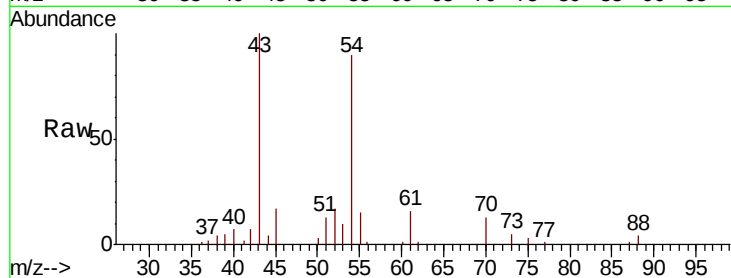
Tot Ion: 43 Resp: 32441

Ion Ratio Lower Upper

43 100

61 14.9 11.3 16.9

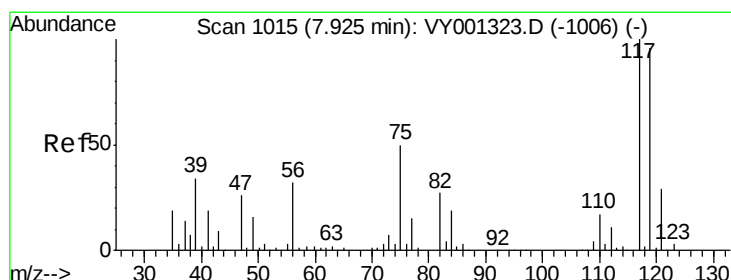
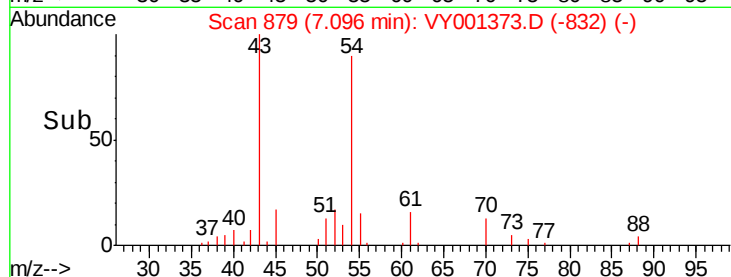
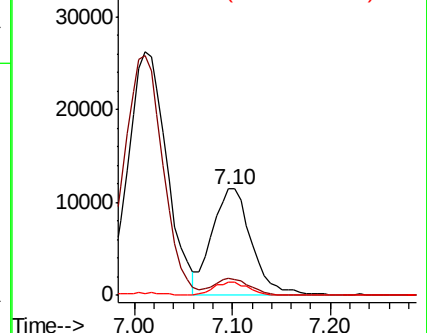
70 10.7 8.7 13.1



Abundance Ion 43.00 (42.70 to 43.70): VY001373.D (-875) (-)

Ion 60.90 (60.60 to 61.60): VY001373.D (-875) (-)

Ion 70.00 (69.70 to 70.70): VY001373.D (-875) (-)



#38

Carbon Tetrachloride

Concen: 20.297 ug/l

RT: 7.92 min Scan# 1014

Delta R.T. -0.01 min

Lab File: VY001373.D

Acq: 24 Jan 2020 11:54

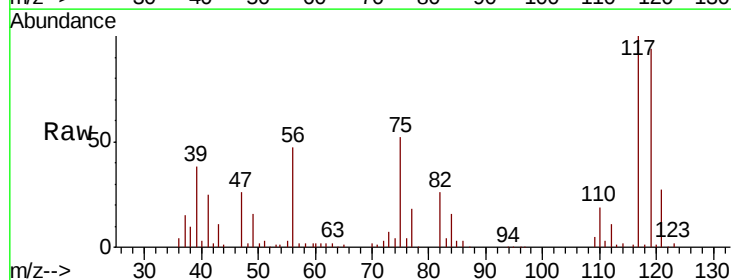
Tgt Ion: 117 Resp: 56727

Ion Ratio Lower Upper

117 100

119 93.8 76.3 114.5

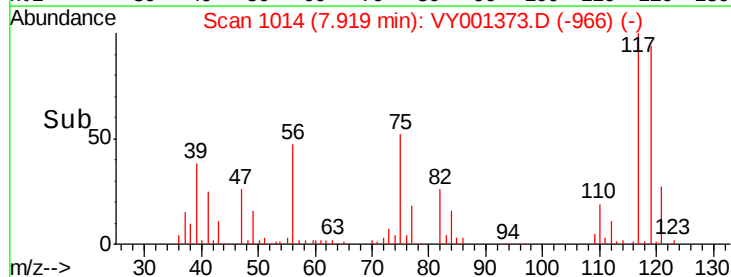
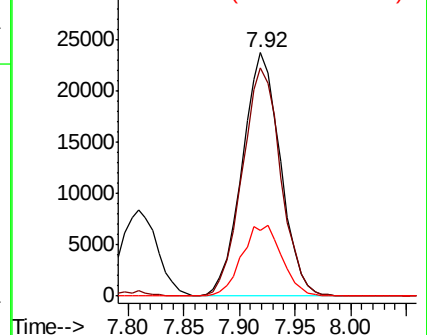
121 26.8 23.5 35.3

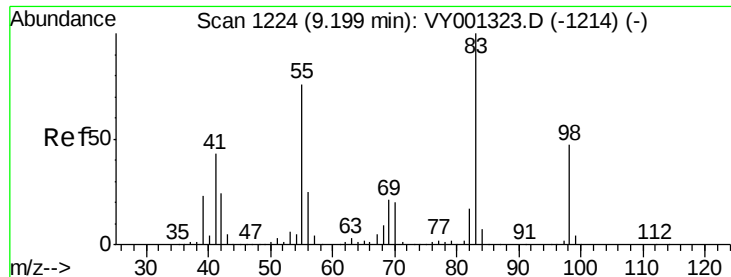


Abundance Ion 116.80 (116.50 to 117.50): VY001373.D (-966) (-)

Ion 118.80 (118.50 to 119.50): VY001373.D (-966) (-)

Ion 120.80 (120.50 to 121.50): VY001373.D (-966) (-)

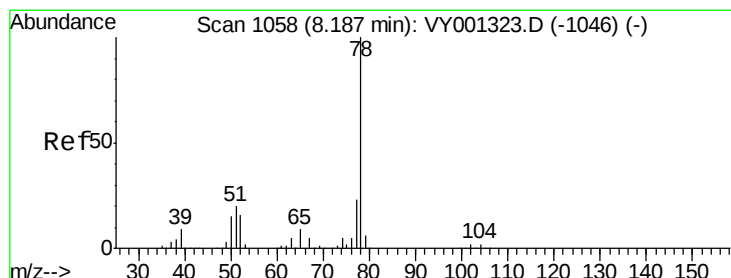
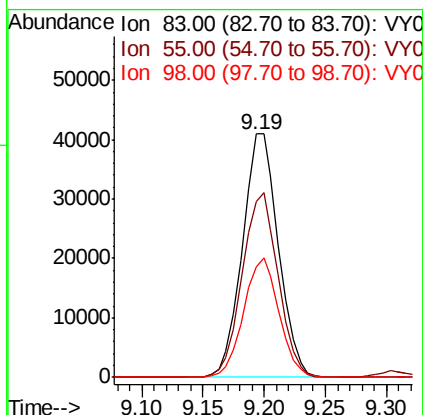
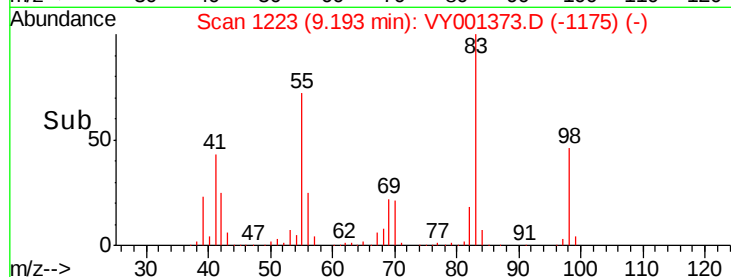
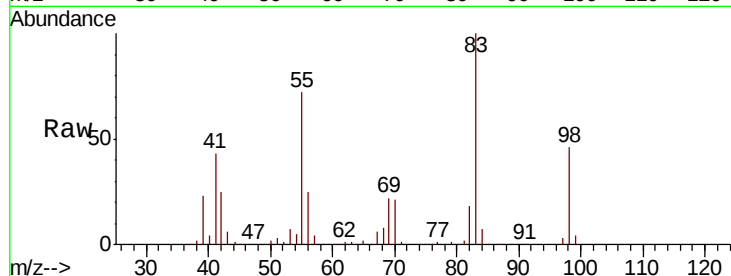




#39
Methvlcvclohexane
Concen: 20.854 ug/l
RT: 9.19 min Scan# 1223
Delta R.T. -0.01 min
Lab File: VY001373.D
Acq: 24 Jan 2020 11:54

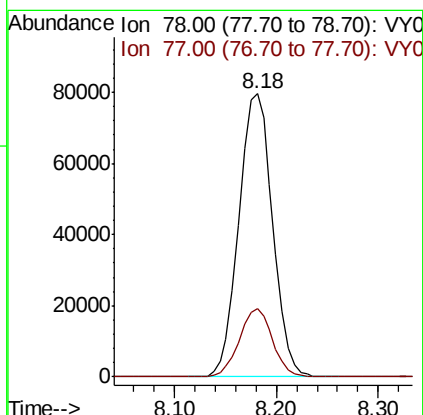
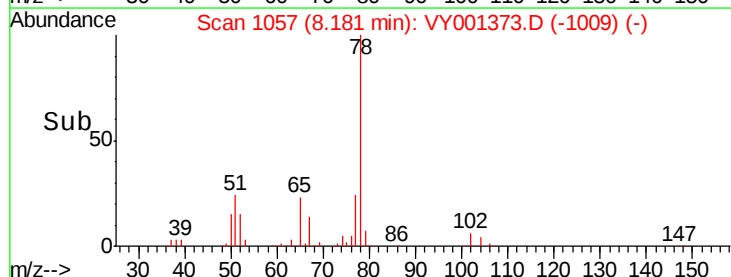
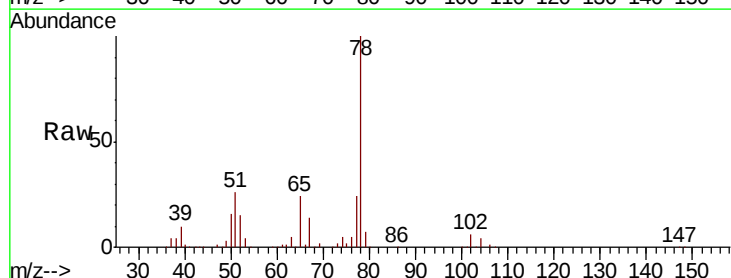
Instrument :
MSVOA_Y
ClientSampleId :

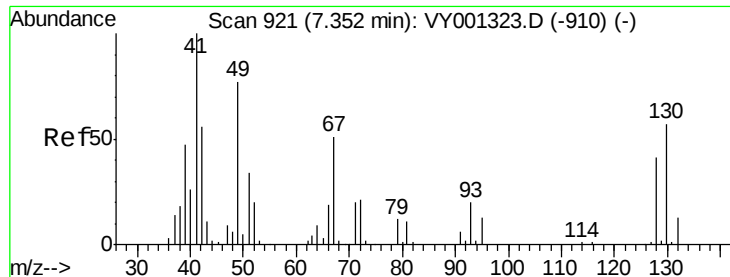
Tot Ion: 83 Resp: 83775
Ion Ratio Lower Upper
83 100
55 72.2 60.7 91.1
98 45.5 37.8 56.8



#40
Benzene
Concen: 19.423 ug/l
RT: 8.18 min Scan# 1057
Delta R.T. -0.01 min
Lab File: VY001373.D
Acq: 24 Jan 2020 11:54

Tgt Ion: 78 Resp: 182631
Ion Ratio Lower Upper
78 100
77 24.1 18.6 27.8

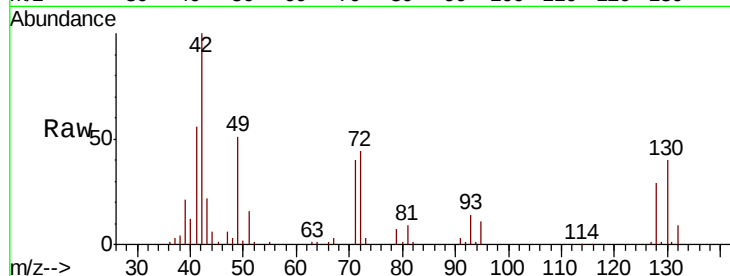




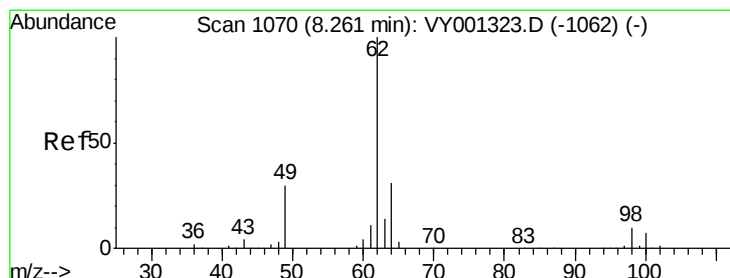
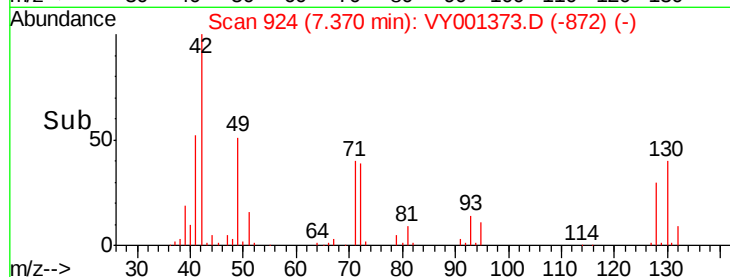
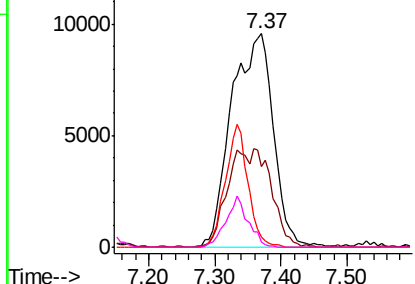
#41
Methacrylonitrile
Concen: 42.615 ug/l
RT: 7.37 min Scan# 924
Delta R.T. 0.02 min
Lab File: VY001373.D
Acq: 24 Jan 2020 11:54

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:	41	Resp:	42134
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

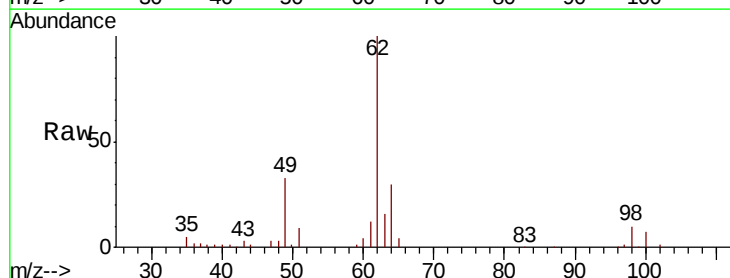


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

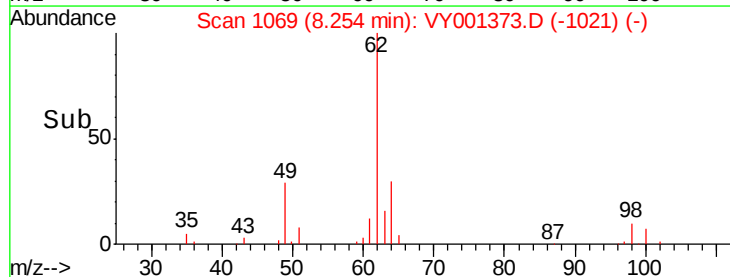
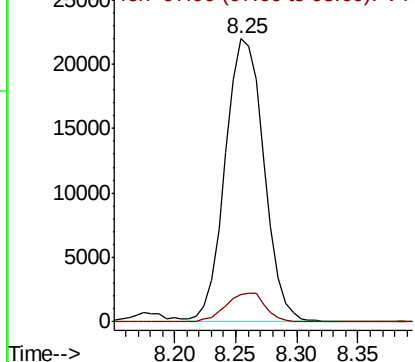


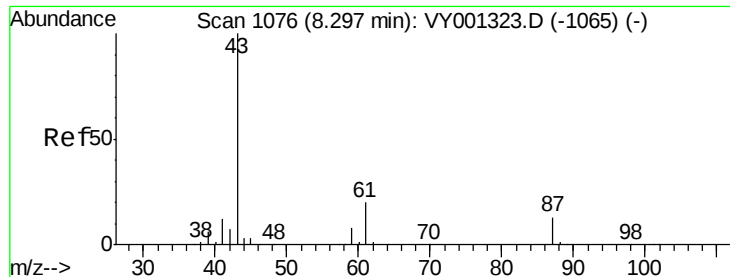
#42
1,2-Dichloroethane
Concen: 18.346 ug/l
RT: 8.25 min Scan# 1069
Delta R.T. -0.01 min
Lab File: VY001373.D
Acq: 24 Jan 2020 11:54

Tgt Ion:	62	Resp:	48200
Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	20.8



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





#43

Isopropyl Acetate

Concen: 16.701 ug/l

RT: 8.29 min Scan# 1075

Delta R.T. -0.01 min

Lab File: VY001373.D

Acq: 24 Jan 2020 11:54

Instrument :

MSVOA_Y

ClientSampleId :

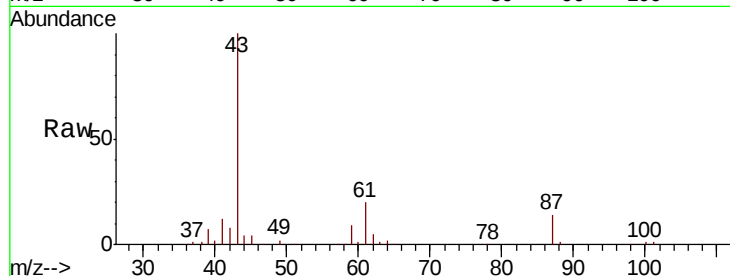
Tot Ion: 43 Resp: 62221

Ion Ratio Lower Upper

43 100

61 27.8 22.7 34.1

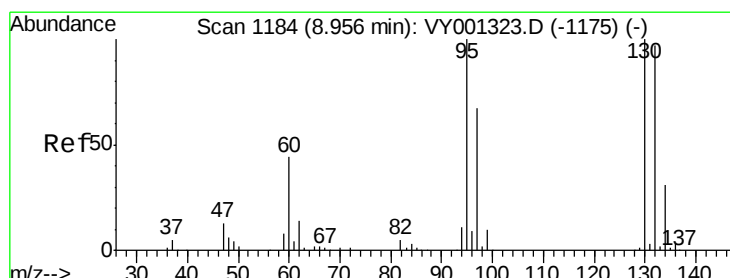
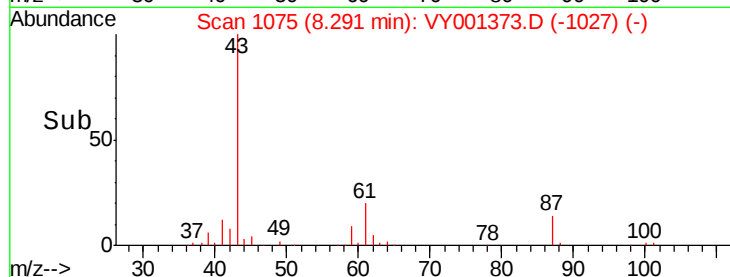
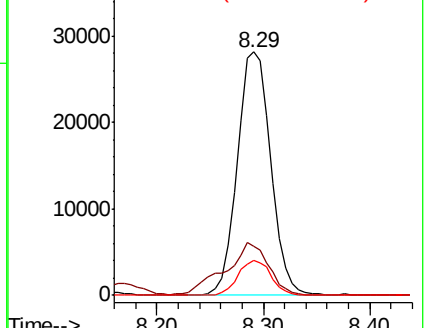
87 14.1 11.0 16.4



Abundance Ion 43.00 (42.70 to 43.70): VY001373.D (-1065) (-)

Ion 61.00 (60.70 to 61.70): VY001373.D (-1065) (-)

Ion 87.00 (86.70 to 87.70): VY001373.D (-1065) (-)



#44

Trichloroethene

Concen: 19.478 ug/l

RT: 8.96 min Scan# 1184

Delta R.T. -0.00 min

Lab File: VY001373.D

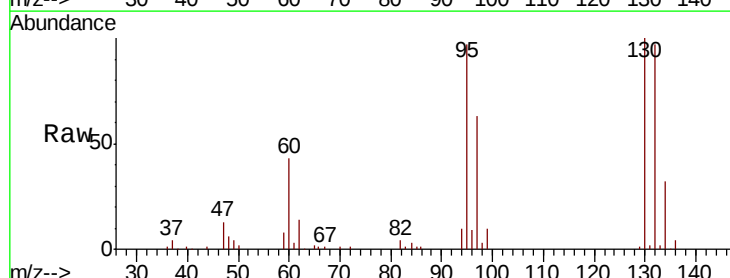
Acq: 24 Jan 2020 11:54

Tgt Ion:130 Resp: 46999

Ion Ratio Lower Upper

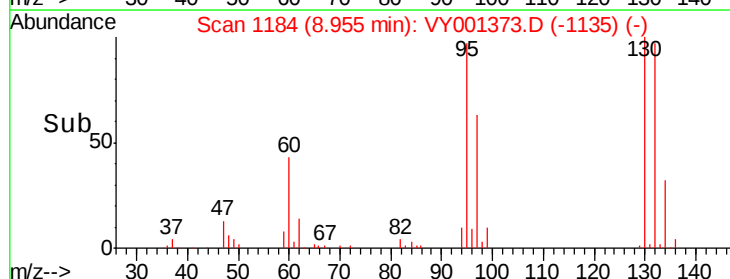
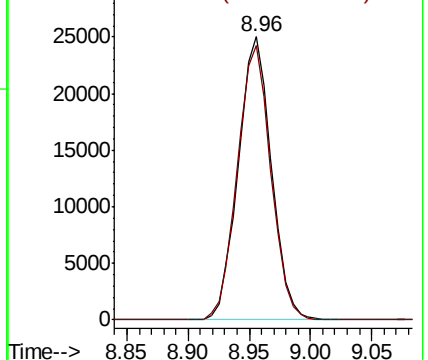
130 100

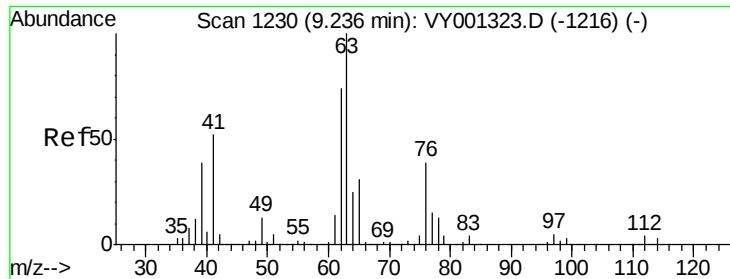
95 97.0 0.0 200.0



Abundance Ion 129.80 (129.50 to 130.50): VY001373.D (-1135) (-)

Ion 94.90 (94.60 to 95.60): VY001373.D (-1135) (-)





#45

1,2-Dichloropropane

Concen: 18.734 ug/l

RT: 9.23 min Scan# 1229

Delta R.T. -0.01 min

Lab File: VY001373.D

Acq: 24 Jan 2020 11:54

Instrument :

MSVOA_Y

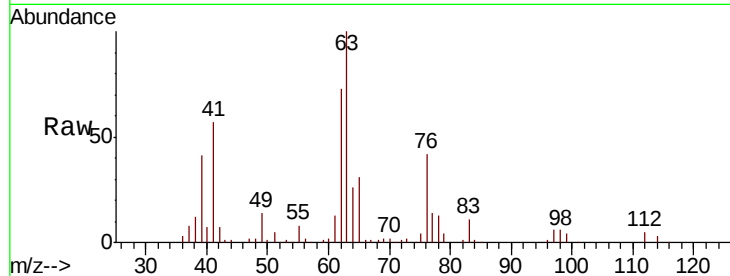
ClientSampleId :

Tot Ion: 63 Resp: 44530

Ion Ratio Lower Upper

63 100

65 31.0 24.9 37.3



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 64.90 (64.60 to 65.60): VY0

9.23

25000

20000

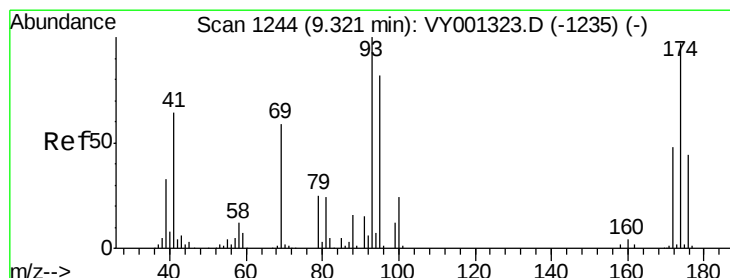
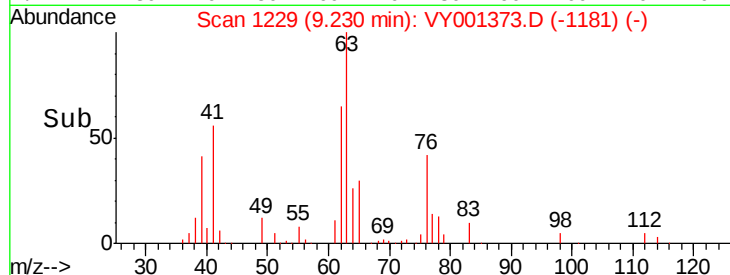
15000

10000

5000

0

Time--> 9.10 9.15 9.20 9.25 9.30



#46

Dibromomethane

Concen: 17.460 ug/l

RT: 9.32 min Scan# 1244

Delta R.T. -0.00 min

Lab File: VY001373.D

Acq: 24 Jan 2020 11:54

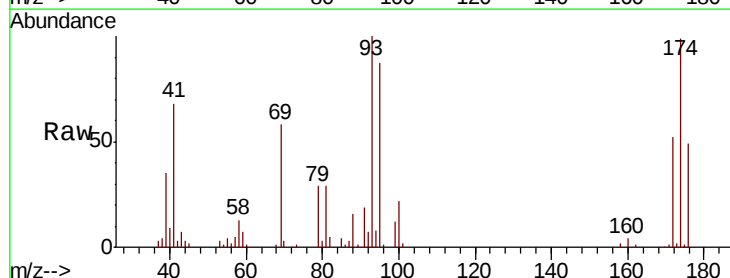
Tgt Ion: 93 Resp: 22281

Ion Ratio Lower Upper

93 100

95 82.5 66.5 99.7

174 96.1 77.9 116.9



Abundance Ion 92.80 (92.50 to 93.50): VY0

Ion 94.80 (94.50 to 95.50): VY0

Ion 173.70 (173.40 to 174.40): VY0

9.32

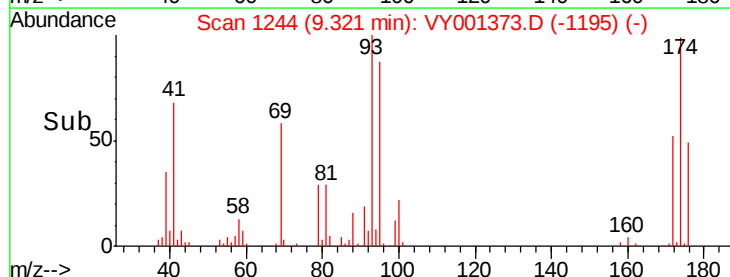
15000

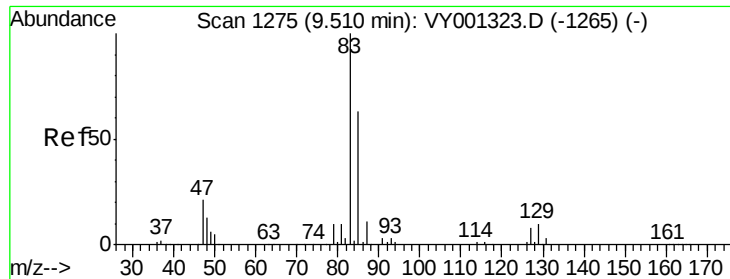
10000

5000

0

Time--> 9.25 9.30 9.35 9.40

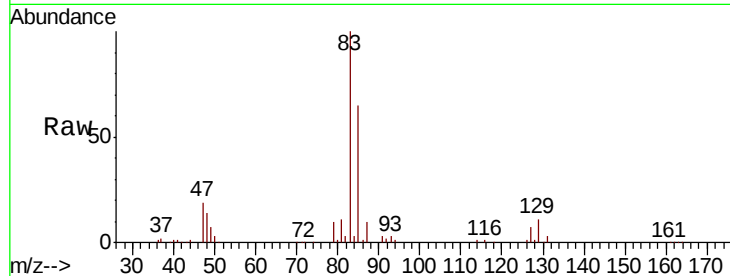




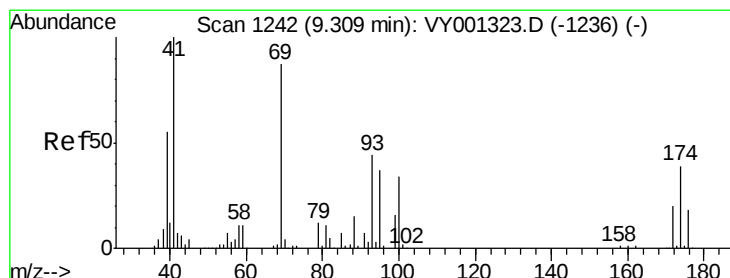
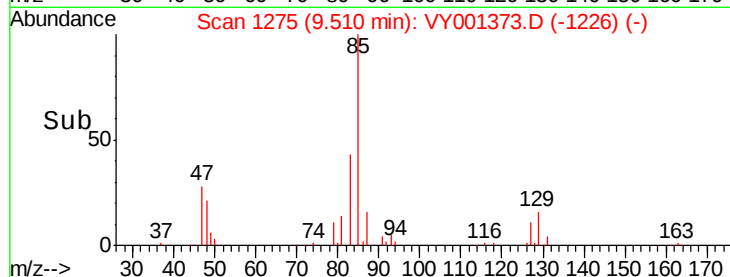
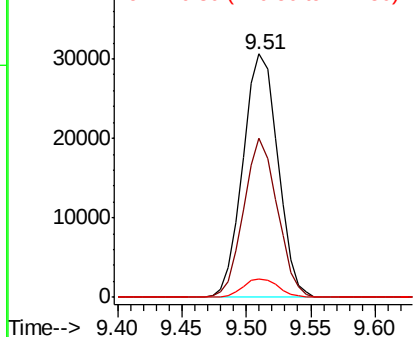
#47
Bromodichloromethane
Concen: 18.849 ug/l
RT: 9.51 min Scan# 1275
Delta R.T. -0.00 min
Lab File: VY001373.D
Acq: 24 Jan 2020 11:54

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion	83	Resp	57501
Ion Ratio	100		
Lower	50.2		
Upper	75.2		
85	65.3		
127	7.4		

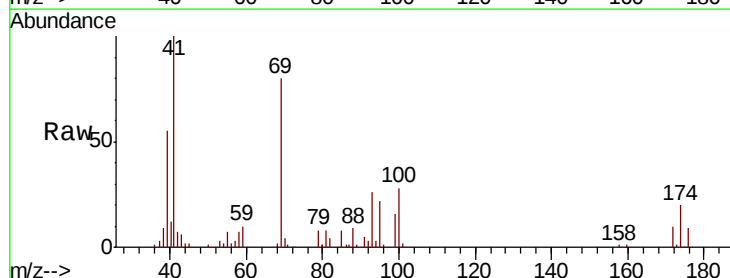


Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 84.90 (84.60 to 85.60): VY0
Ion 126.80 (126.50 to 127.50): VY0

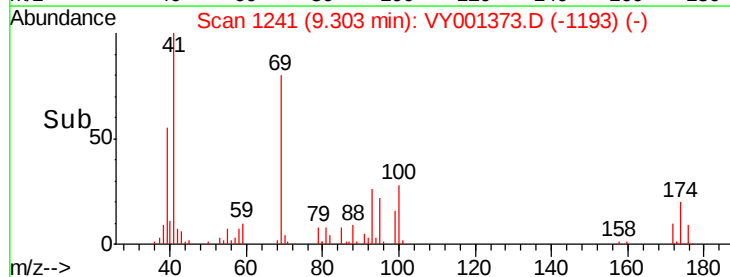
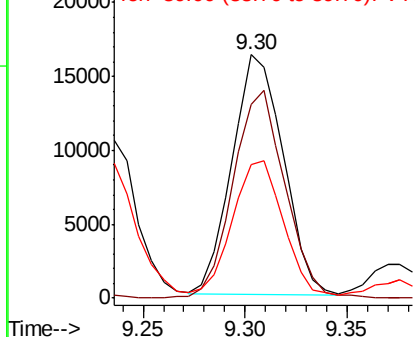


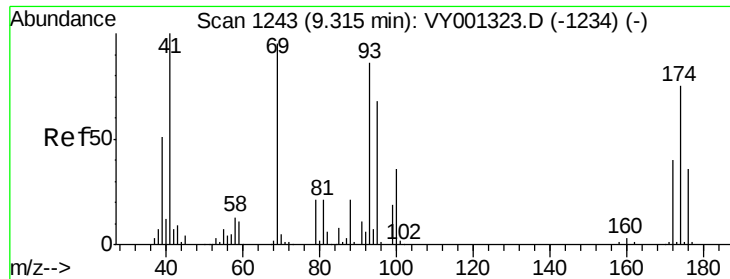
#48
Methyl methacrylate
Concen: 16.768 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. -0.01 min
Lab File: VY001373.D
Acq: 24 Jan 2020 11:54

Tgt Ion	41	Resp	28400
Ion Ratio	100		
Lower	70.2		
Upper	105.4		
69	87.8		
39	57.9		



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





#49

1,4-Dioxane

Concen: 328.694 ug/l

RT: 9.32 min Scan# 1243

Delta R.T. -0.00 min

Lab File: VY001373.D

Acq: 24 Jan 2020 11:54

Instrument :
MSVOA_Y
ClientSampleId :

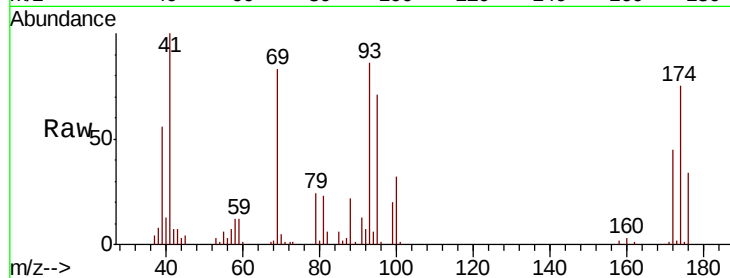
Tot Ion: 88 Resp: 5915

Ion Ratio Lower Upper

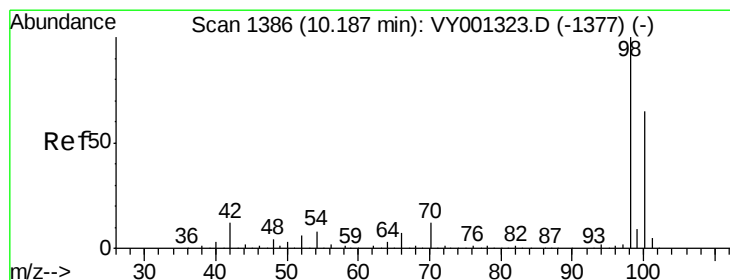
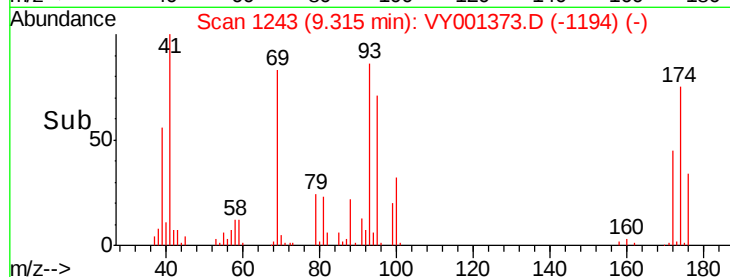
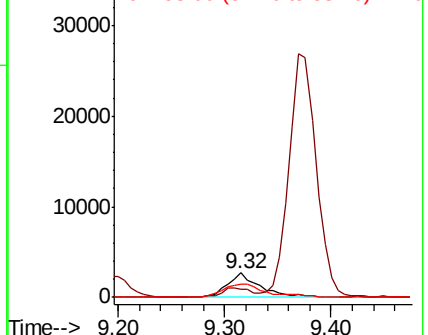
88 100

43 31.7 28.2 42.2

58 74.7 55.6 83.4



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



#50

Toluene-d8

Concen: 52.326 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.01 min

Lab File: VY001373.D

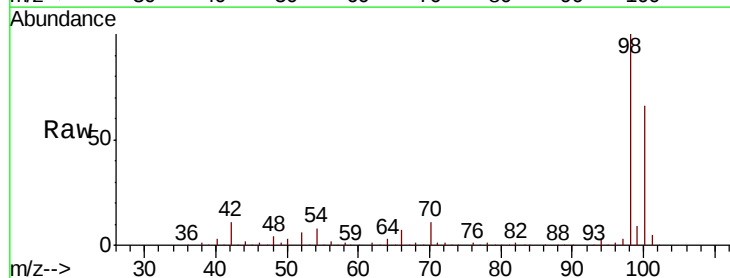
Acq: 24 Jan 2020 11:54

Tgt Ion: 98 Resp: 396052

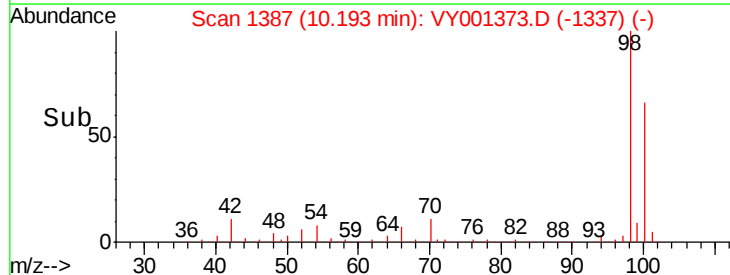
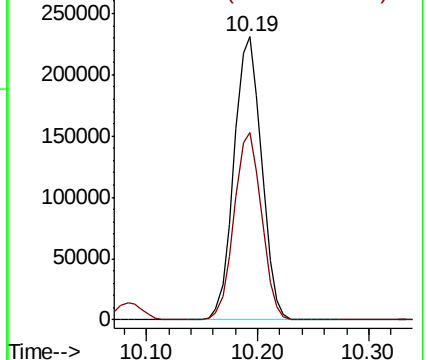
Ion Ratio Lower Upper

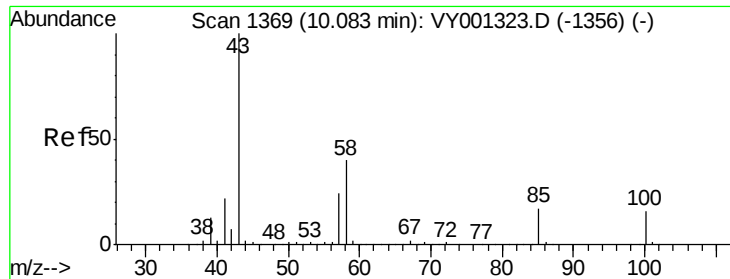
98 100

100 66.0 52.6 79.0



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

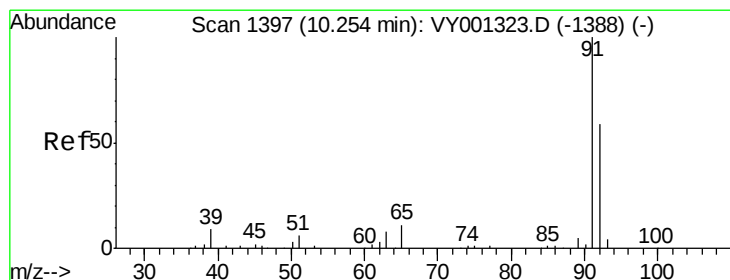
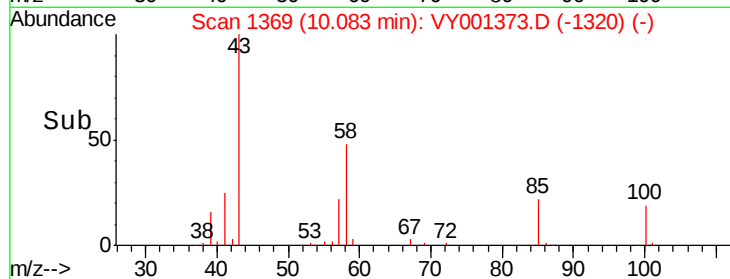
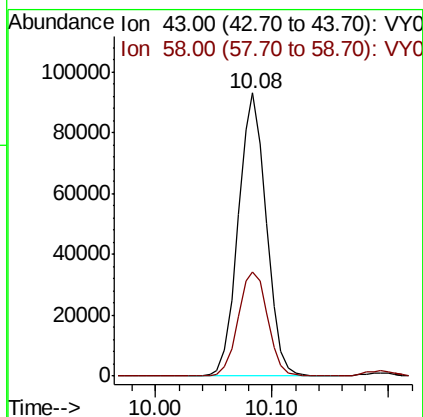
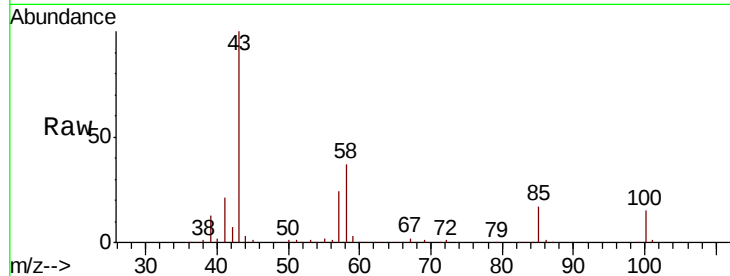




#51
4-Methyl-2-Pentanone
Concen: 81.280 ug/l
RT: 10.08 min Scan# 1369
Delta R.T. -0.00 min
Lab File: VY001373.D
Acq: 24 Jan 2020 11:54

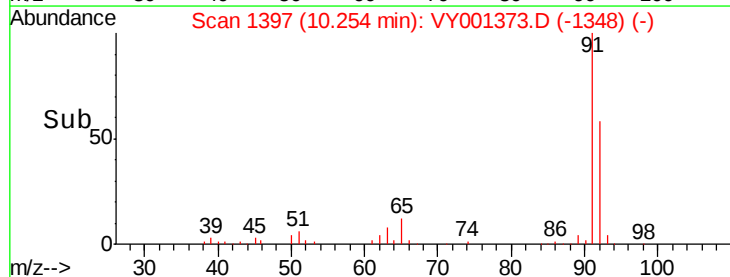
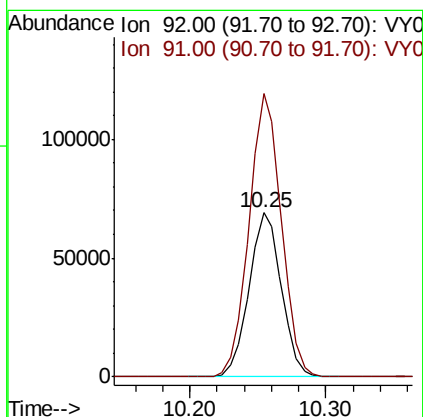
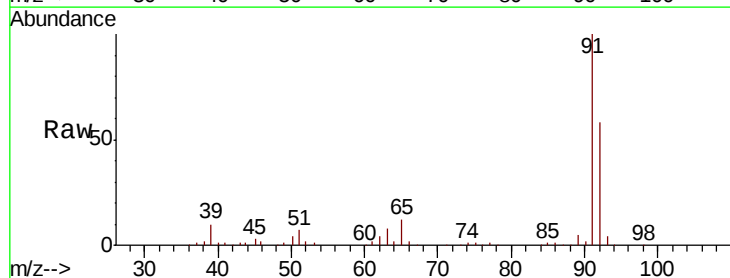
Instrument :
MSVOA_Y
ClientSampled :

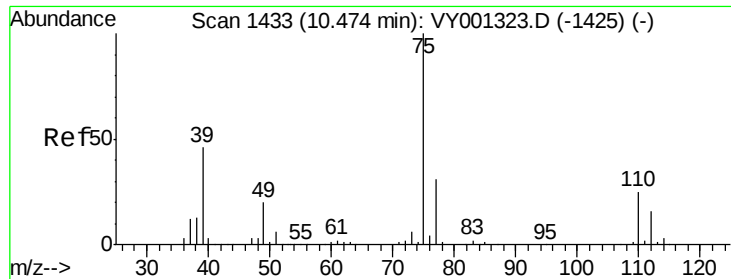
Tot Ion: 43 Resp: 155946
Ion Ratio Lower Upper
43 100
58 38.7 31.5 47.3



#52
Toluene
Concen: 19.260 ug/l
RT: 10.25 min Scan# 1397
Delta R.T. -0.00 min
Lab File: VY001373.D
Acq: 24 Jan 2020 11:54

Tgt Ion: 92 Resp: 114797
Ion Ratio Lower Upper
92 100
91 172.9 136.4 204.6





#53

t-1,3-Dichloropropene

Concen: 18.058 ug/l

RT: 10.48 min Scan# 1434

Delta R.T. 0.01 min

Lab File: VY001373.D

Acq: 24 Jan 2020 11:54

Instrument :

MSVOA_Y

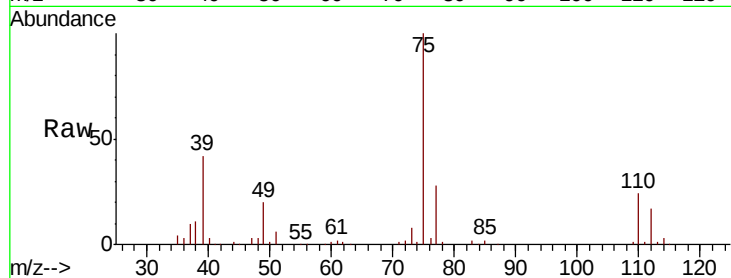
ClientSampleId :

Tot Ion: 75 Resp: 61058

Ion Ratio Lower Upper

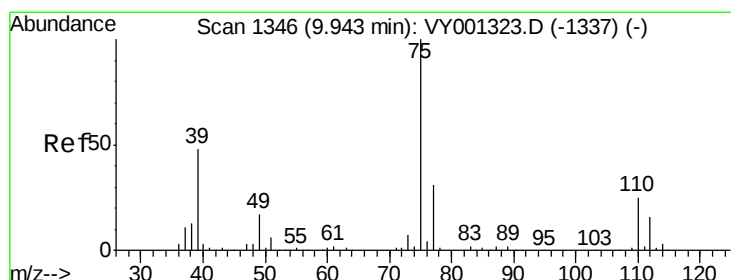
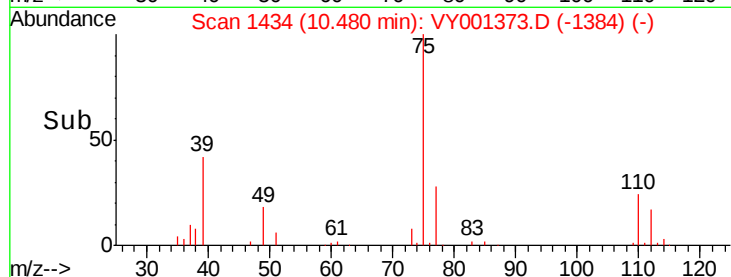
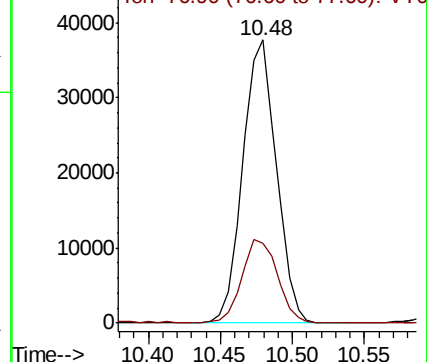
75 100

77 28.0 25.2 37.8



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0



#54

cis-1,3-Dichloropropene

Concen: 18.485 ug/l

RT: 9.94 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VY001373.D

Acq: 24 Jan 2020 11:54

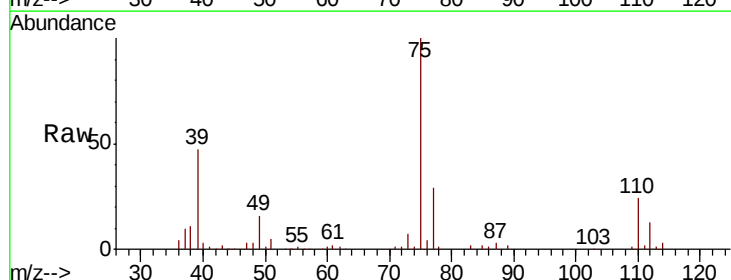
Tgt Ion: 75 Resp: 71739

Ion Ratio Lower Upper

75 100

77 29.3 25.0 37.6

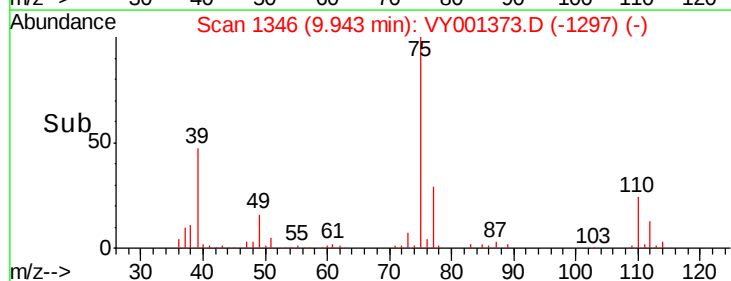
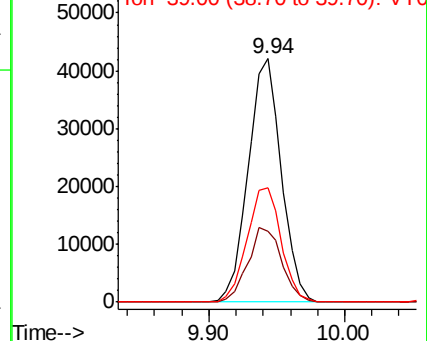
39 47.0 38.2 57.4

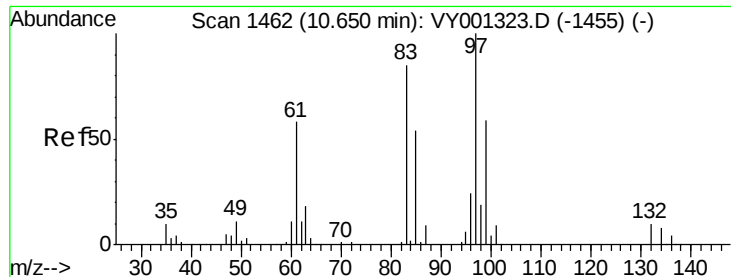


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0

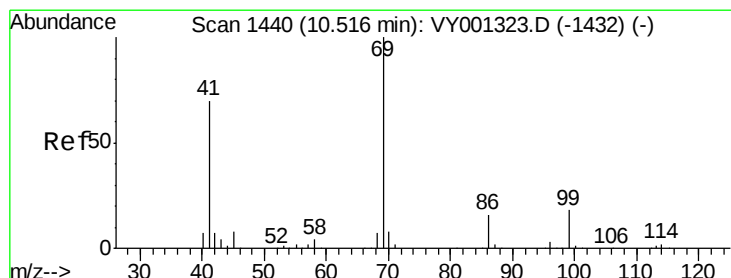
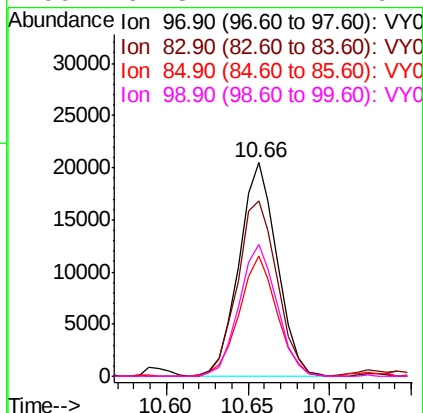
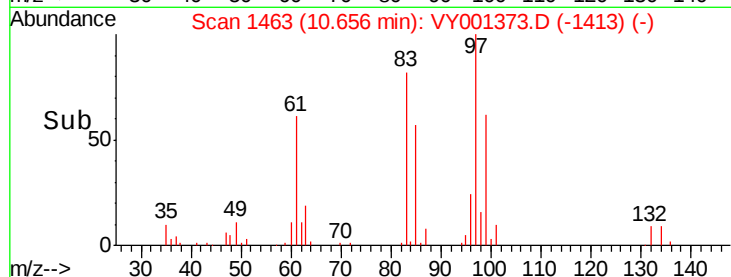
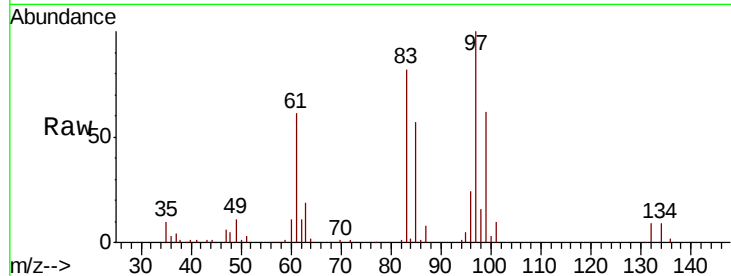




#55
 1,1,2-Trichloroethane
 Concen: 17.595 ug/l
 RT: 10.66 min Scan# 1463
 Delta R.T. 0.01 min
 Lab File: VY001373.D
 Acq: 24 Jan 2020 11:54

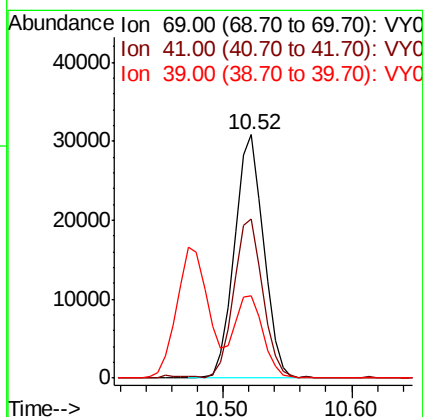
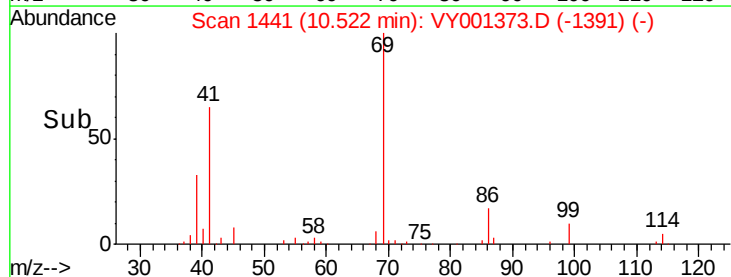
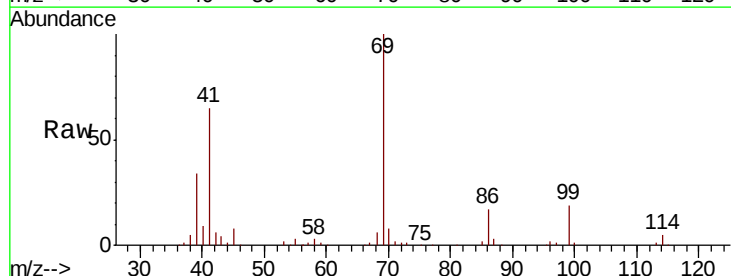
Instrument :
 MSVOA_Y
 ClientSampleId :

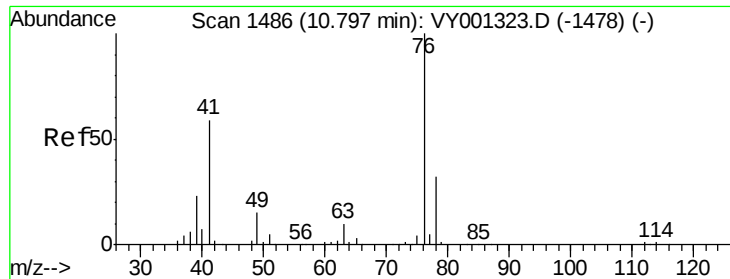
Tot Ion: 97 Resp: 33141
 Ion Ratio Lower Upper
 97 100
 83 82.3 68.0 102.0
 85 56.5 43.6 65.4
 99 61.8 47.1 70.7



#56
 Ethyl methacrylate
 Concen: 16.965 ug/l
 RT: 10.52 min Scan# 1441
 Delta R.T. 0.01 min
 Lab File: VY001373.D
 Acq: 24 Jan 2020 11:54

Tgt Ion: 69 Resp: 48294
 Ion Ratio Lower Upper
 69 100
 41 65.3 54.1 81.1
 39 34.6 26.8 40.2

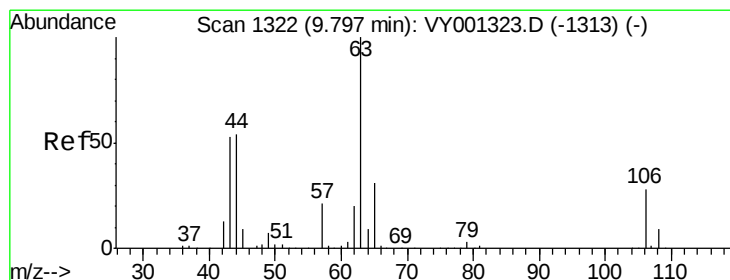
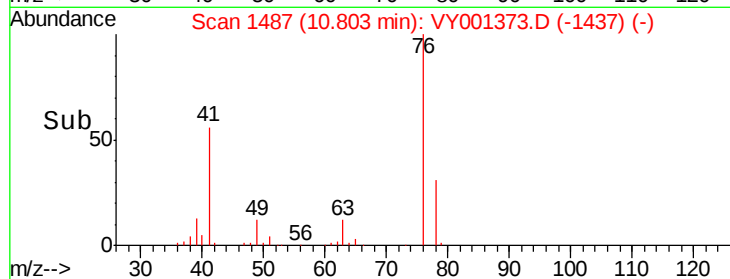
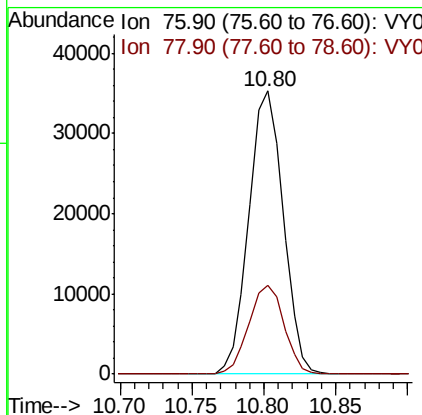
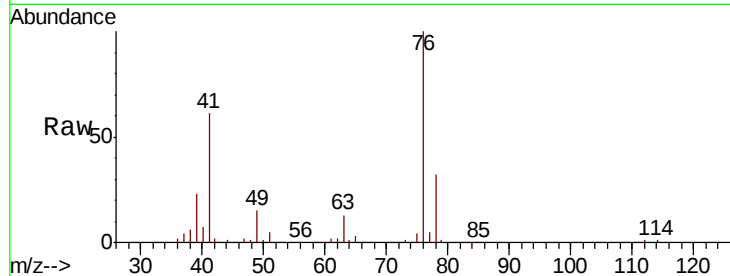




#57
 1,3-Dichloropropane
 Concen: 17.813 ug/l
 RT: 10.80 min Scan# 1487
 Delta R.T. 0.01 min
 Lab File: VY001373.D
 Acq: 24 Jan 2020 11:54

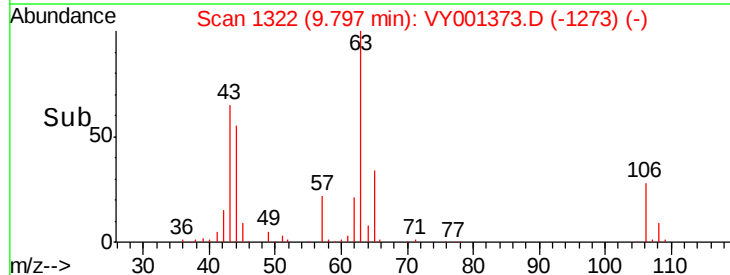
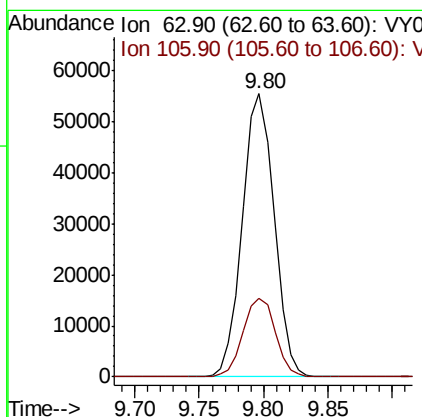
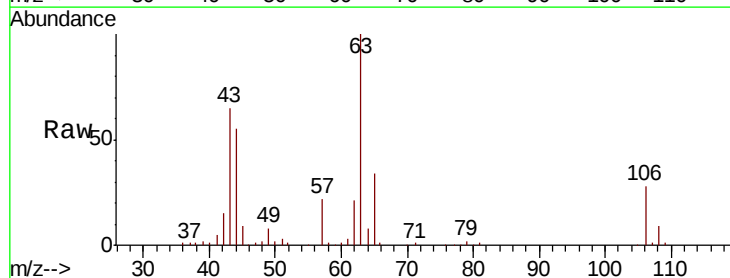
Instrument :
 MSVOA_Y
 ClientSampleId :

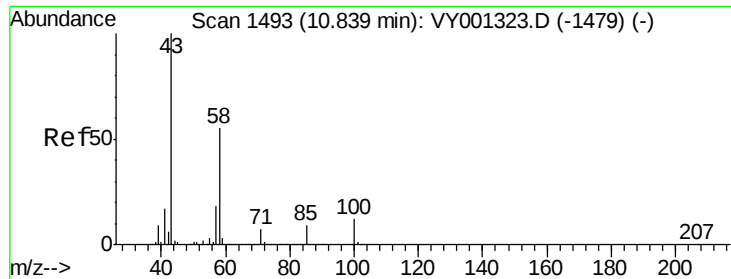
Tot Ion: 76 Resp: 58446
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 96.173 ug/l
 RT: 9.80 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VY001373.D
 Acq: 24 Jan 2020 11:54

Tgt Ion: 63 Resp: 94738
 Ion Ratio Lower Upper
 63 100
 106 28.2 22.5 33.7

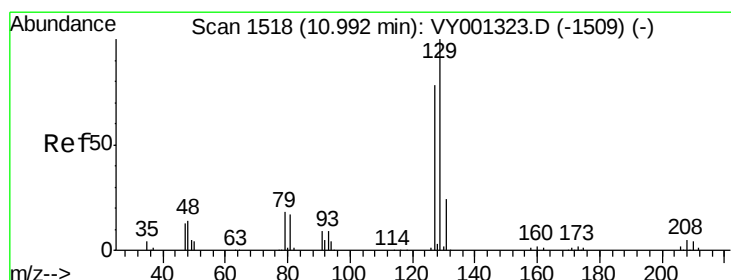
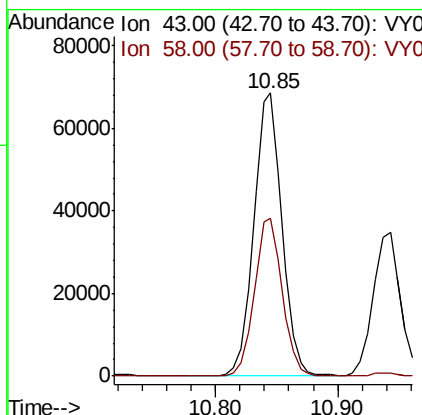
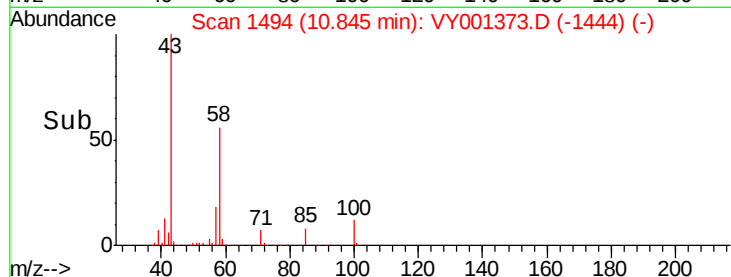
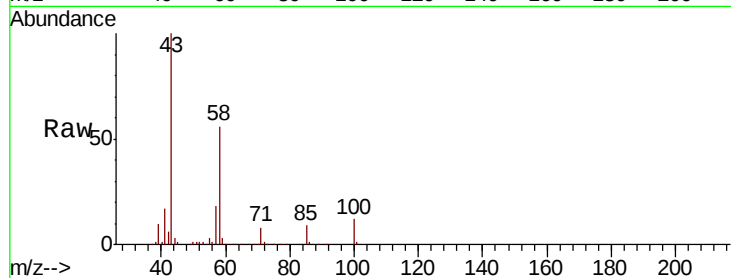




#59
2-Hexanone
Concen: 82.198 ug/l
RT: 10.85 min Scan# 1494
Delta R.T. 0.01 min
Lab File: VY001373.D
Acq: 24 Jan 2020 11:54

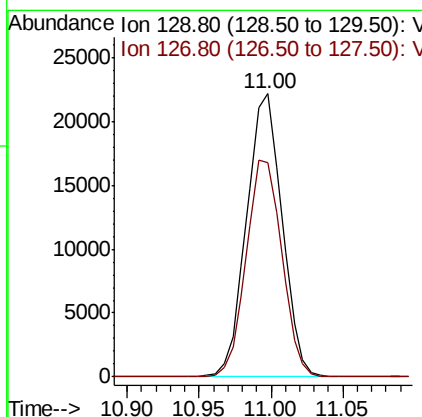
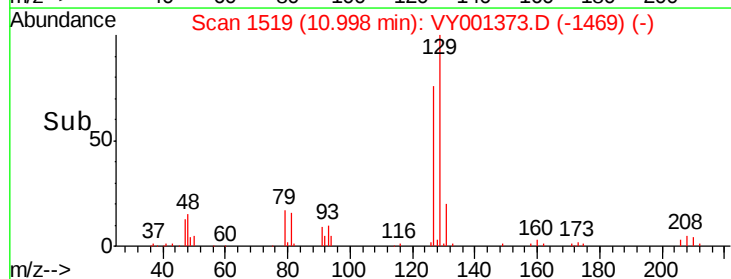
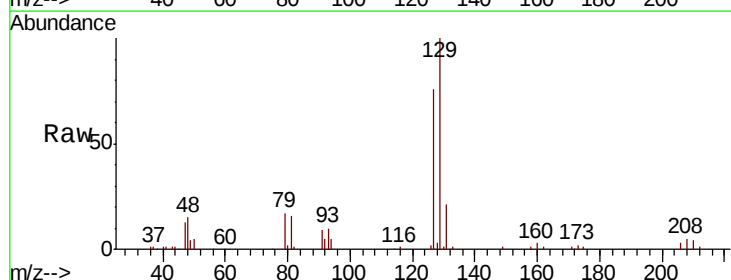
Instrument :
MSVOA_Y
ClientSampleId :

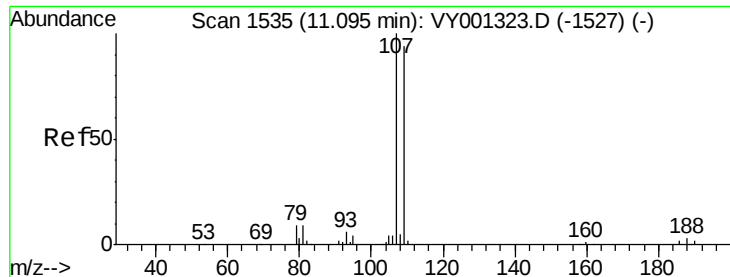
Tot Ion: 43 Resp: 109790
Ion Ratio Lower Upper
43 100
58 55.0 27.6 82.8



#60
Dibromochloromethane
Concen: 17.907 ug/l
RT: 11.00 min Scan# 1519
Delta R.T. 0.01 min
Lab File: VY001373.D
Acq: 24 Jan 2020 11:54

Tgt Ion: 129 Resp: 37722
Ion Ratio Lower Upper
129 100
127 77.1 38.8 116.4

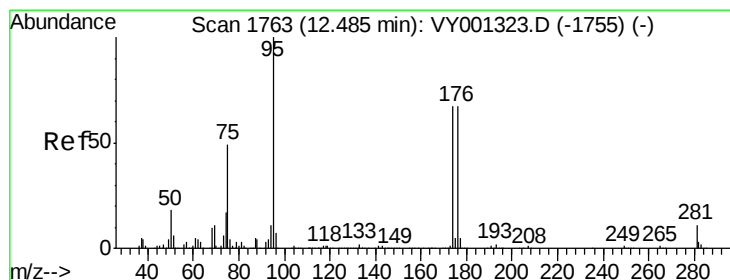
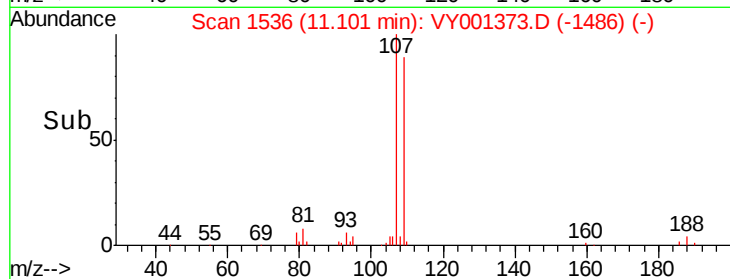
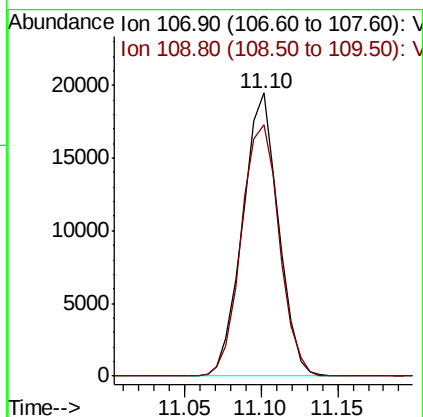
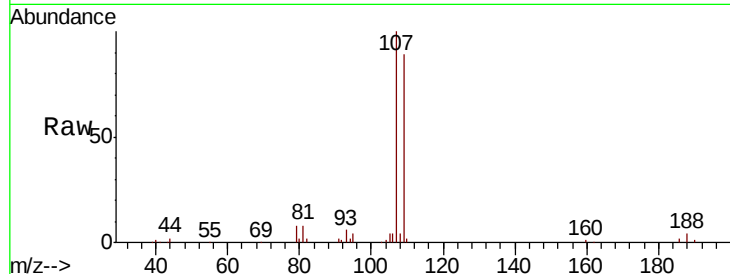




#61
 1,2-Dibromoethane
 Concen: 17.788 ug/l
 RT: 11.10 min Scan# 1536
 Delta R.T. 0.01 min
 Lab File: VY001373.D
 Acq: 24 Jan 2020 11:54

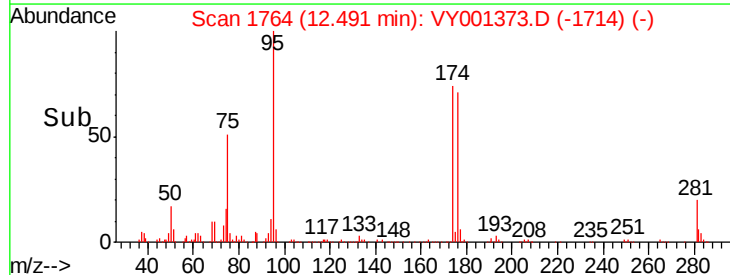
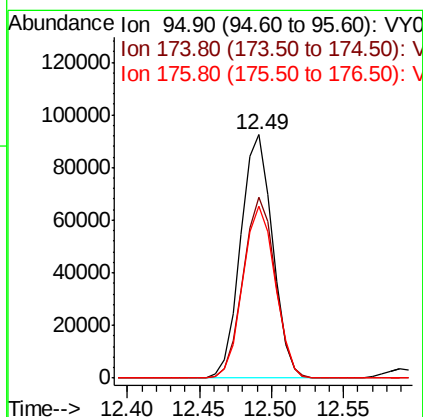
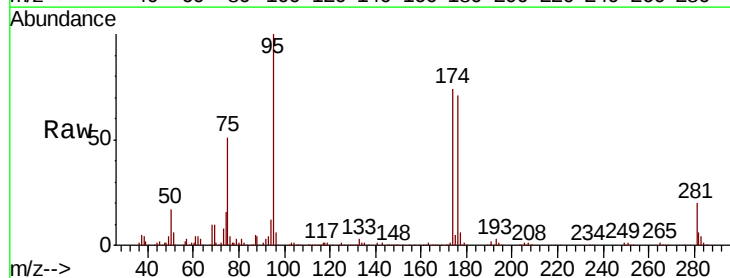
Instrument :
 MSVOA_Y
 ClientSampleId :

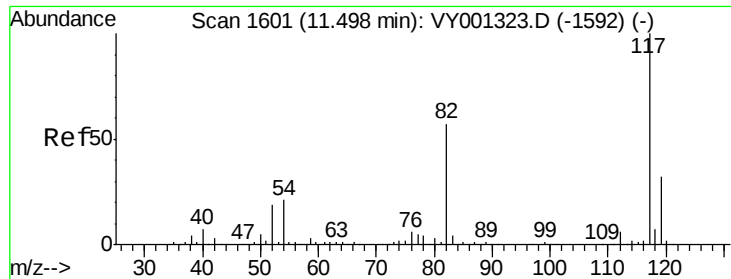
Tot Ion:107 Resp: 31672
 Ion Ratio Lower Upper
 107 100
 109 94.5 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 47.081 ug/l
 RT: 12.49 min Scan# 1764
 Delta R.T. 0.01 min
 Lab File: VY001373.D
 Acq: 24 Jan 2020 11:54

Tgt Ion: 95 Resp: 141911
 Ion Ratio Lower Upper
 95 100
 174 74.5 0.0 142.0
 176 71.7 0.0 138.6

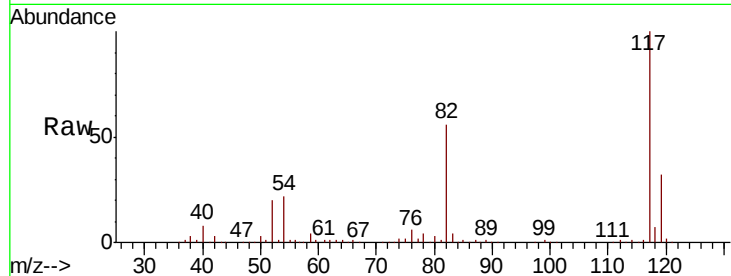




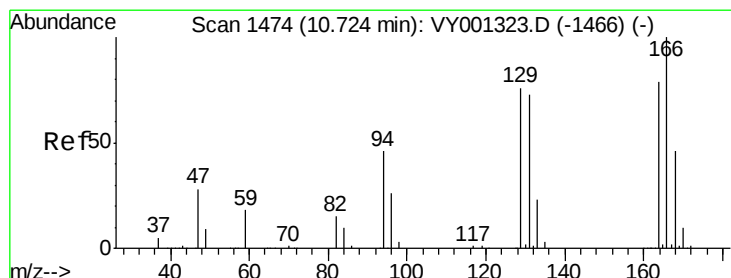
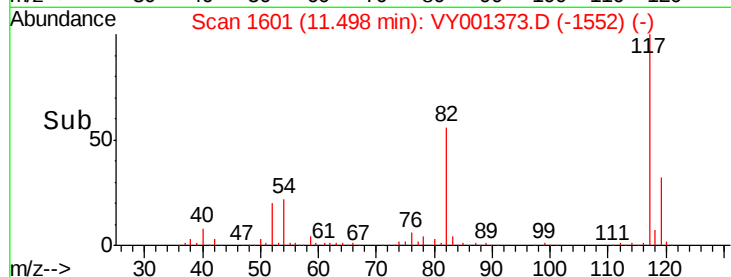
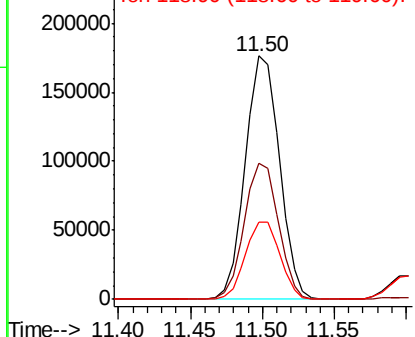
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VY001373.D
Acq: 24 Jan 2020 11:54

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:117 Resp: 289481
Ion Ratio Lower Upper
117 100
82 56.0 45.5 68.3
119 31.6 25.8 38.6

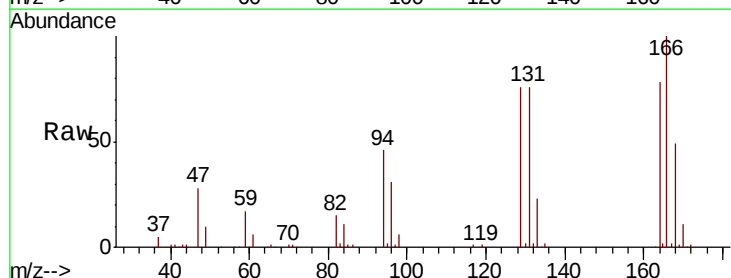


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

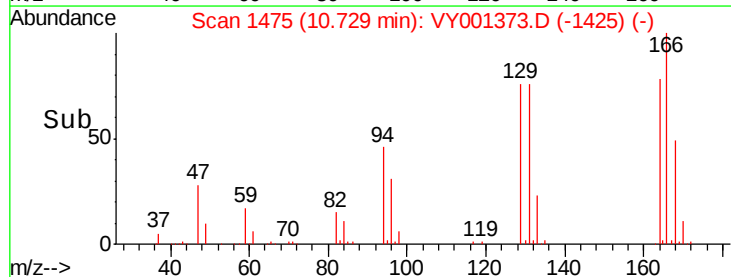
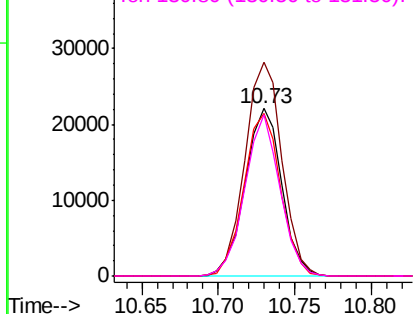


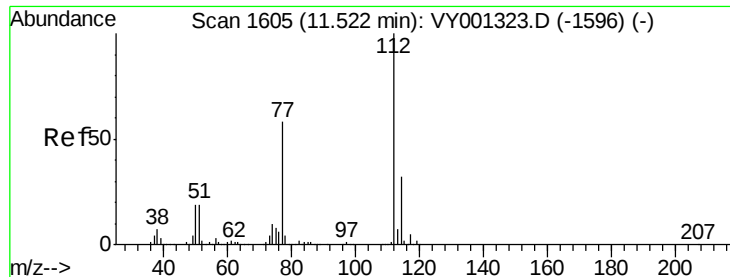
#64
Tetrachloroethene
Concen: 19.878 ug/l
RT: 10.73 min Scan# 1475
Delta R.T. 0.01 min
Lab File: VY001373.D
Acq: 24 Jan 2020 11:54

Tgt Ion:164 Resp: 36756
Ion Ratio Lower Upper
164 100
166 127.6 101.8 152.8
129 97.1 77.1 115.7
131 96.5 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

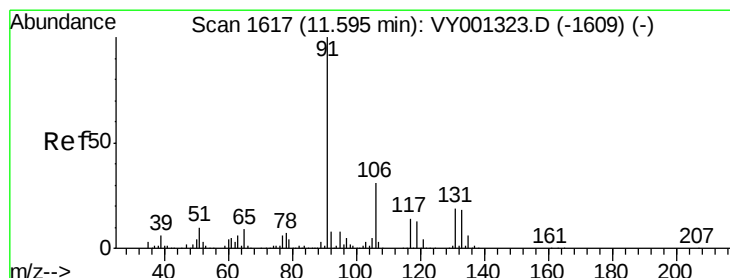
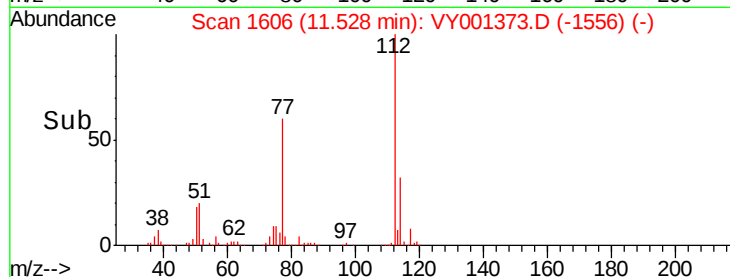
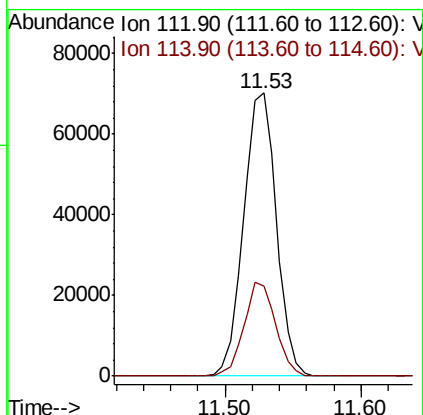
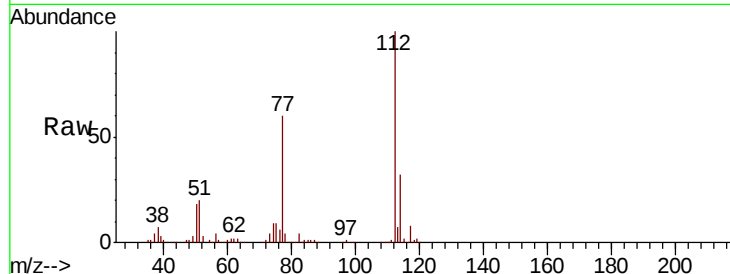




#65
Chlorobenzene
Concen: 19.379 ug/l
RT: 11.53 min Scan# 1606
Delta R.T. 0.01 min
Lab File: VY001373.D
Acq: 24 Jan 2020 11:54

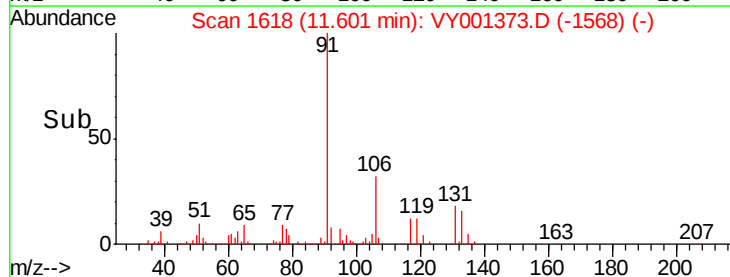
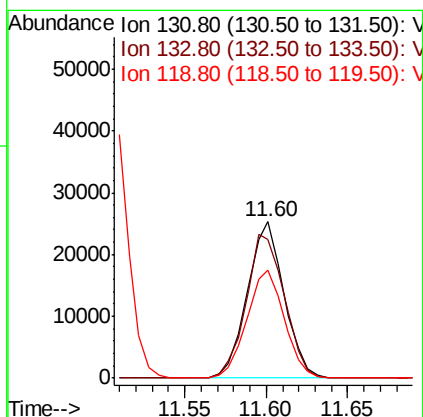
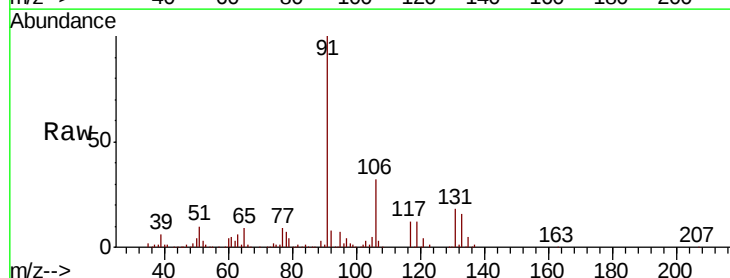
Instrument :
MSVOA_Y
ClientSampleId :

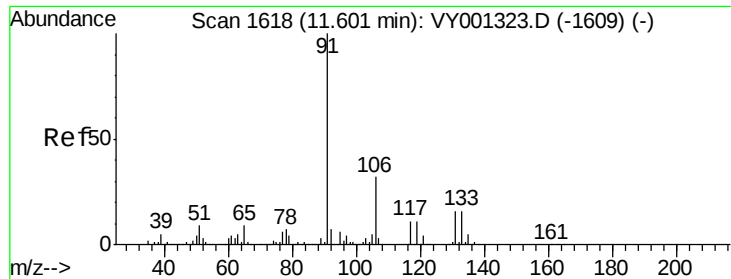
Tot Ion:112 Resp: 118251
Ion Ratio Lower Upper
112 100
114 31.9 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 19.065 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. 0.01 min
Lab File: VY001373.D
Acq: 24 Jan 2020 11:54

Tgt Ion:131 Resp: 39699
Ion Ratio Lower Upper
131 100
133 96.2 47.1 141.3
119 70.5 34.1 102.2

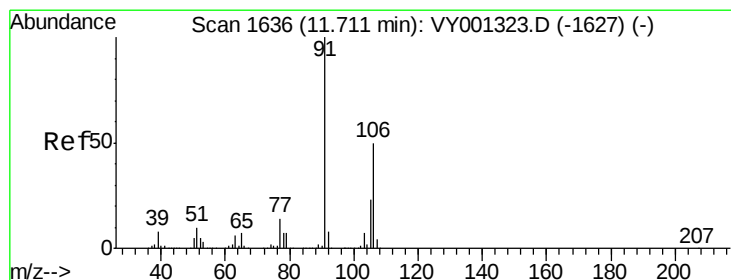
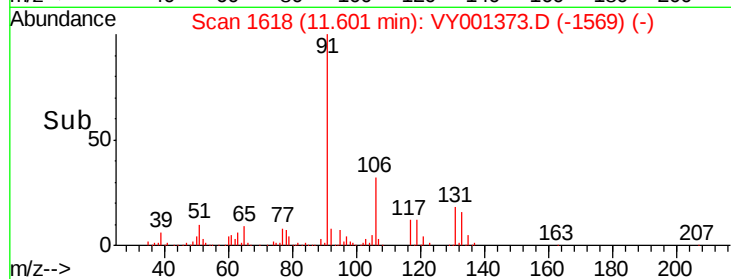
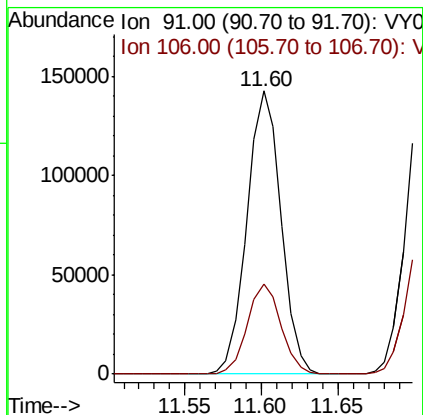
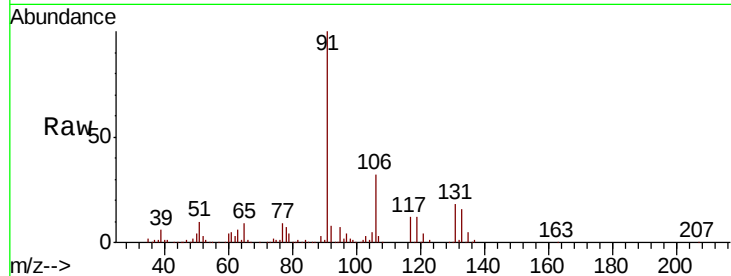




#67
Ethyl Benzene
Concen: 19.651 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VY001373.D
Acq: 24 Jan 2020 11:54

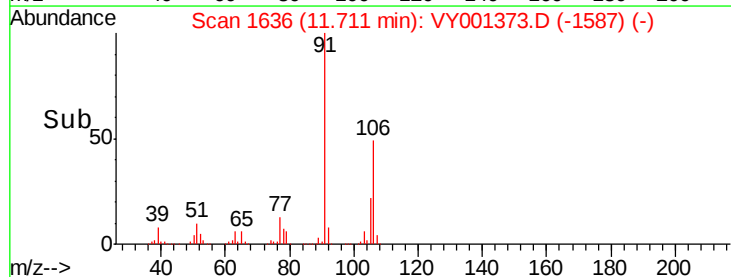
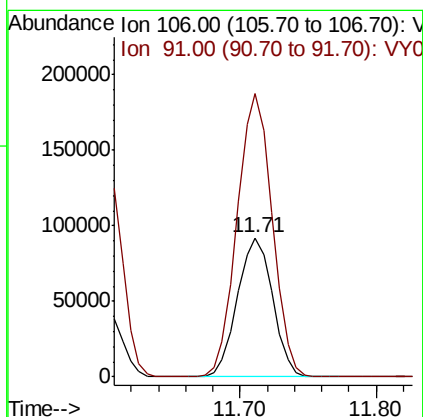
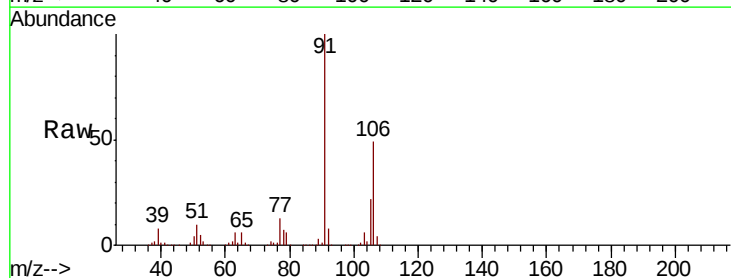
Instrument :
MSVOA_Y
ClientSampleId :

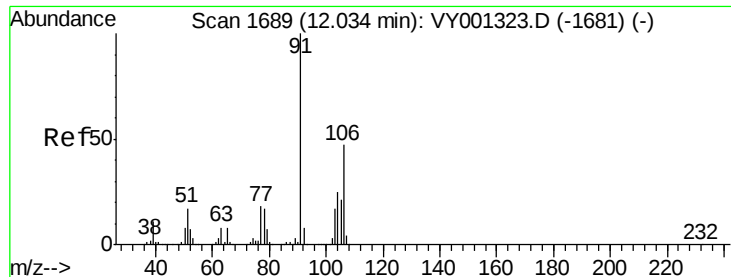
Tot Ion: 91 Resp: 220972
Ion Ratio Lower Upper
91 100
106 31.8 25.4 38.0



#68
m/p-Xylenes
Concen: 39.785 ug/l
RT: 11.71 min Scan# 1636
Delta R.T. -0.00 min
Lab File: VY001373.D
Acq: 24 Jan 2020 11:54

Tgt Ion: 106 Resp: 167091
Ion Ratio Lower Upper
106 100
91 202.5 162.8 244.2

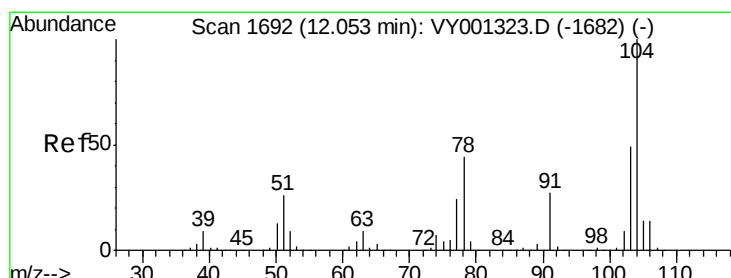
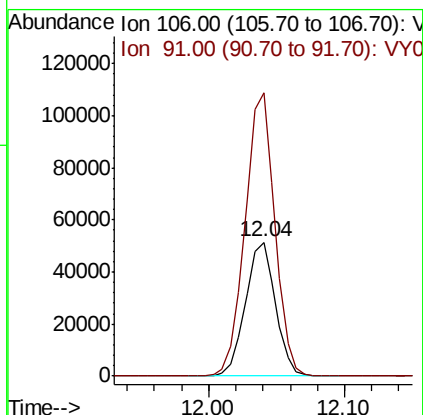
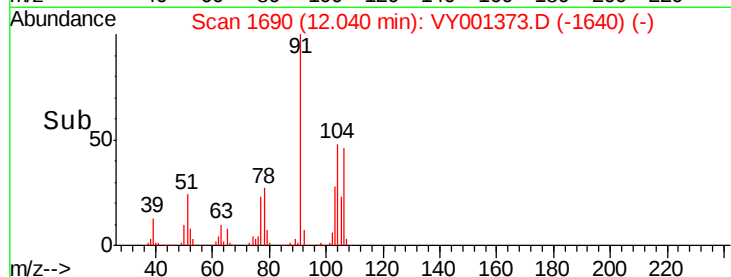
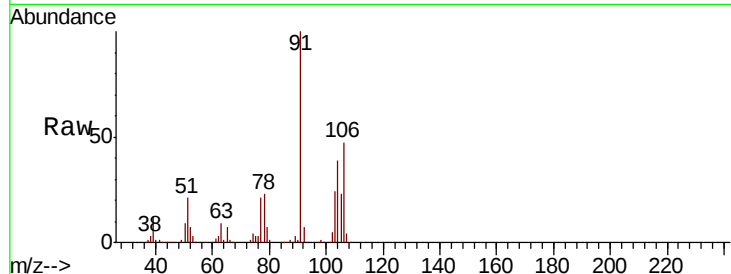




#69
o-Xylene
Concen: 19.679 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.01 min
Lab File: VY001373.D
Acq: 24 Jan 2020 11:54

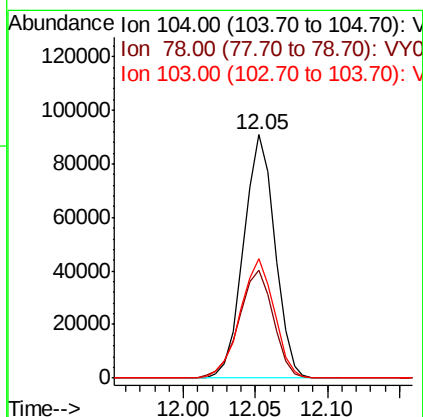
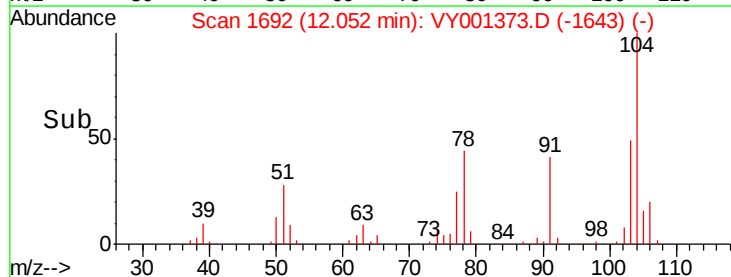
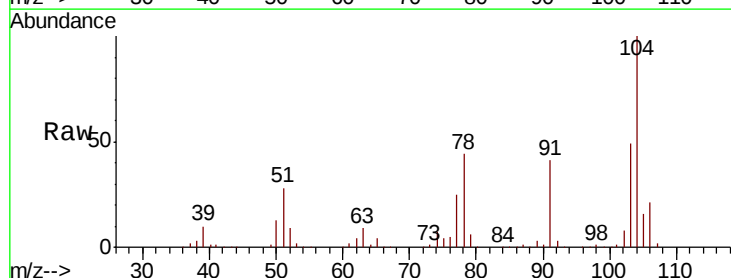
Instrument :
MSVOA_Y
ClientSampled :

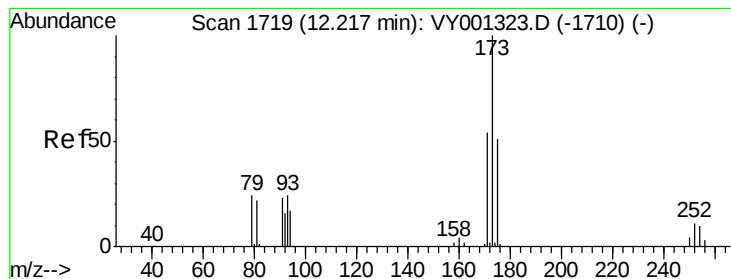
Tot Ion:106 Resp: 79507
Ion Ratio Lower Upper
106 100
91 209.1 106.3 319.0



#70
Styrene
Concen: 19.230 ug/l
RT: 12.05 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VY001373.D
Acq: 24 Jan 2020 11:54

Tgt Ion:104 Resp: 136316
Ion Ratio Lower Upper
104 100
78 48.8 39.8 59.8
103 53.4 43.2 64.8





#71

Bromoform

Concen: 16.954 ug/l

RT: 12.22 min Scan# 1719

Delta R.T. -0.00 min

Lab File: VY001373.D

Acq: 24 Jan 2020 11:54

Instrument :

MSVOA_Y

ClientSampleId :

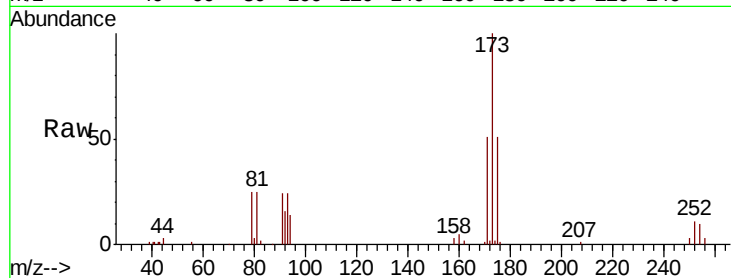
Tot Ion:173 Resp: 21075

Ion Ratio Lower Upper

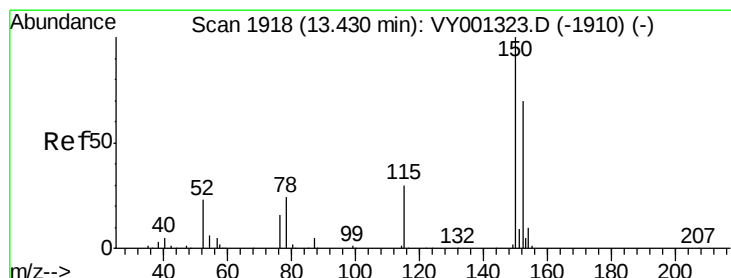
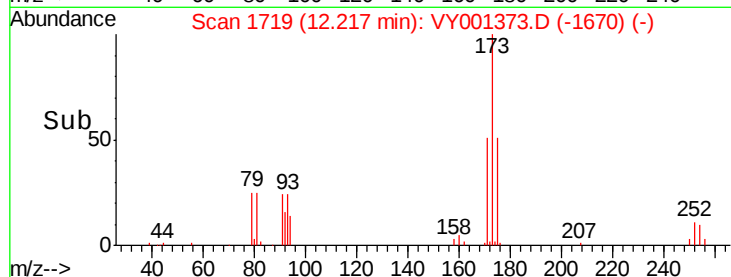
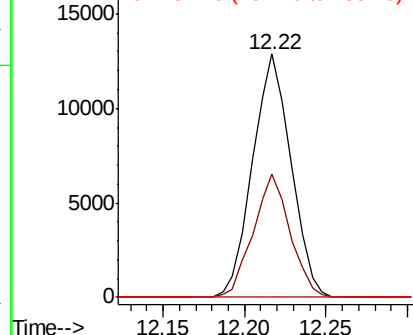
173 100

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. 0.01 min

Lab File: VY001373.D

Acq: 24 Jan 2020 11:54

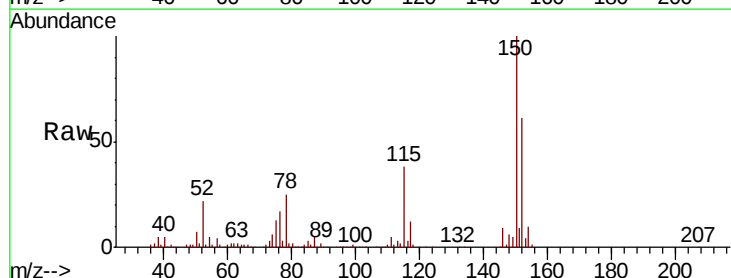
Tgt Ion:152 Resp: 135991

Ion Ratio Lower Upper

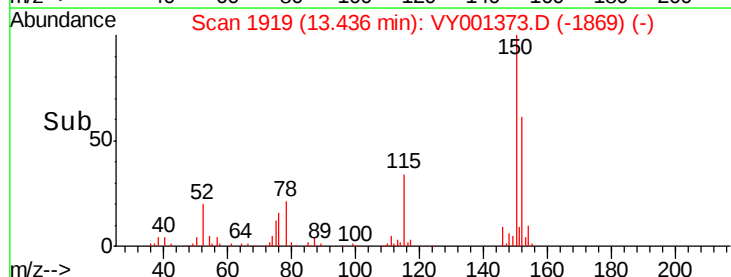
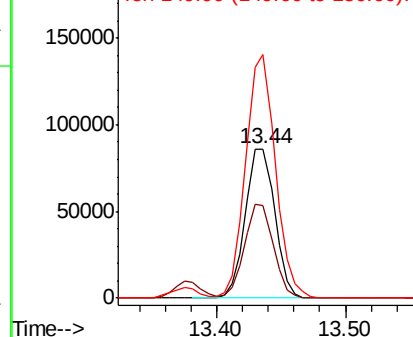
152 100

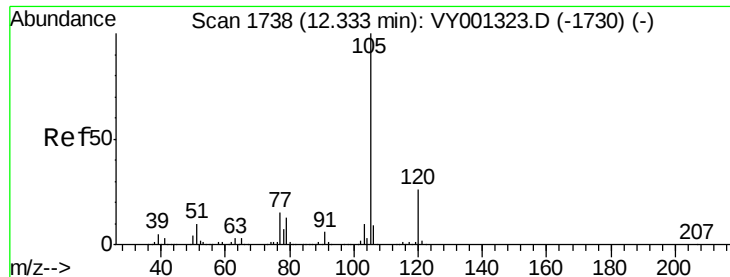
115 61.4 30.9 92.8

150 164.8 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: 19.905 ug/l

RT: 12.34 min Scan# 1739

Delta R.T. 0.01 min

Lab File: VY001373.D

Acq: 24 Jan 2020 11:54

Instrument :

MSVOA_Y

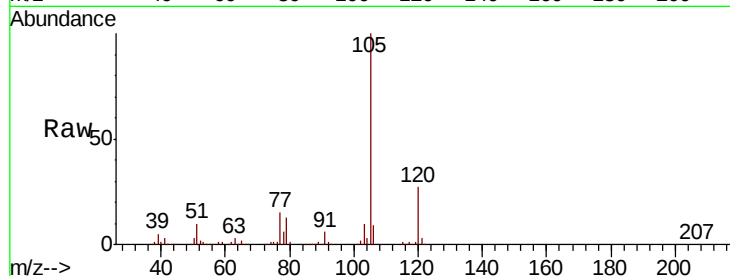
ClientSampleId :

Tot Ion:105 Resp: 213596

Ion Ratio Lower Upper

105 100

120 27.1 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.34

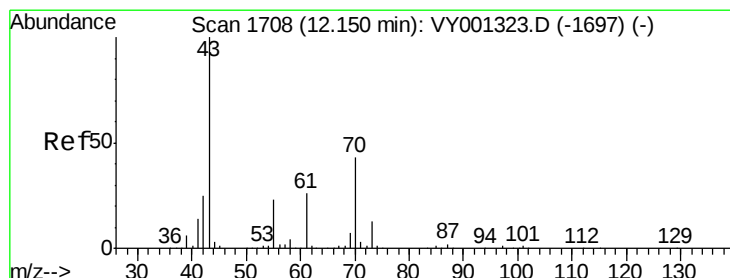
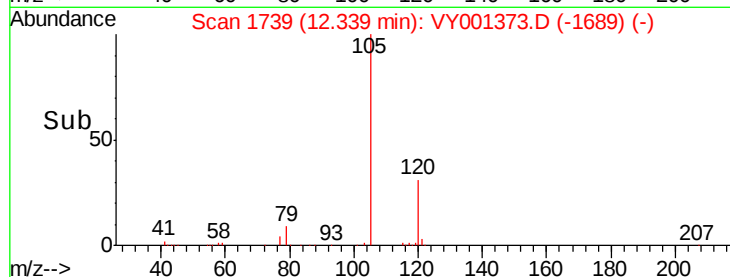
150000

100000

50000

0

Time-->



#74

N-ethyl acetate

Concen: 16.744 ug/l

RT: 12.15 min Scan# 1708

Delta R.T. -0.00 min

Lab File: VY001373.D

Acq: 24 Jan 2020 11:54

Tgt Ion: 43 Resp: 58816

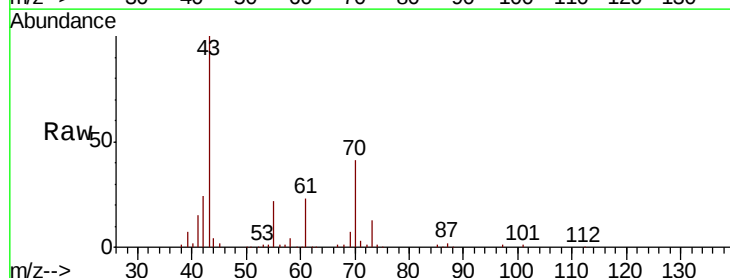
Ion Ratio Lower Upper

43 100

70 42.1 33.5 50.3

55 22.8 18.2 27.2

61 24.7 19.6 29.4



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0

60000

50000

40000

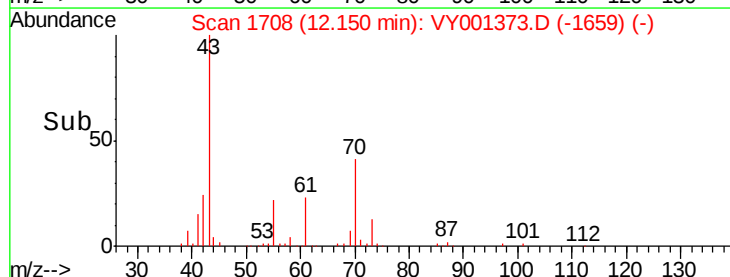
30000

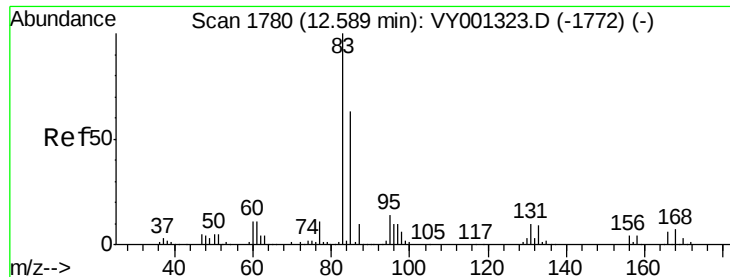
20000

10000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 17.301 ug/l

RT: 12.59 min Scan# 1780

Delta R.T. -0.00 min

Lab File: VY001373.D

Acq: 24 Jan 2020 11:54

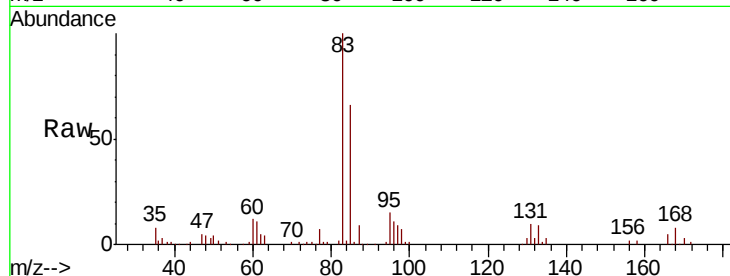
Instrument :

MSVOA_Y

ClientSampleId :

Tot Ion: 83 Resp: 39761

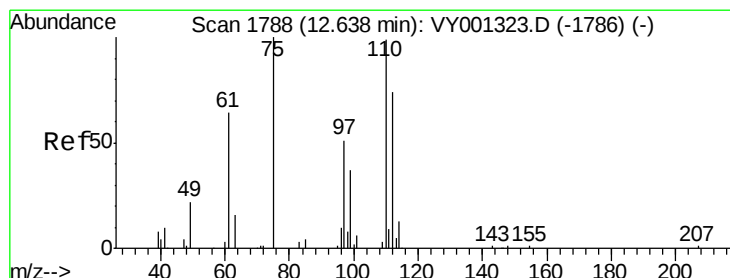
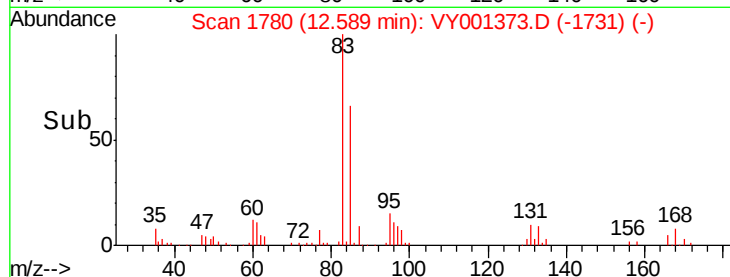
Ion	Ratio	Lower	Upper
83	100		
131	9.7	4.9	14.6
85	64.9	31.4	94.3



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: 32.098 ug/l

RT: 12.64 min Scan# 1789

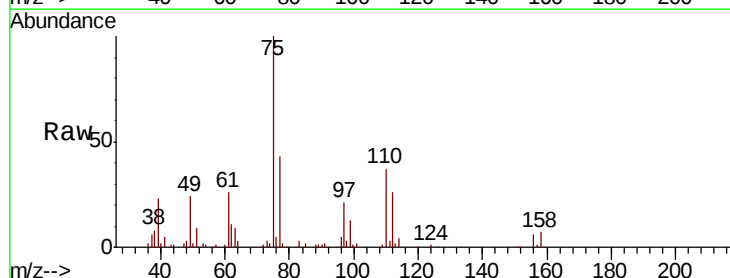
Delta R.T. 0.01 min

Lab File: VY001373.D

Acq: 24 Jan 2020 11:54

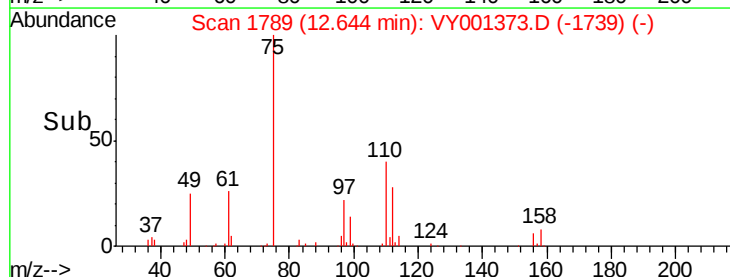
Tgt Ion: 75 Resp: 52599

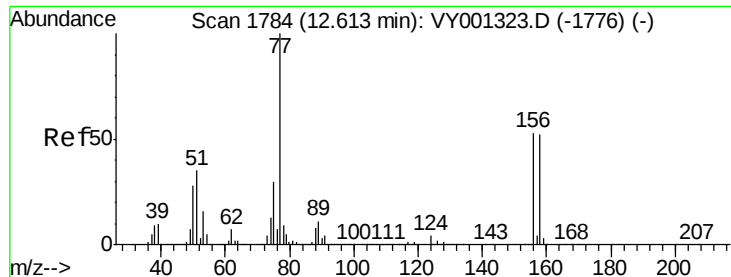
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 19.088 ug/l

RT: 12.62 min Scan# 1785

Delta R.T. 0.01 min

Lab File: VY001373.D

Acq: 24 Jan 2020 11:54

Instrument :

MSVOA_Y

ClientSampleId :

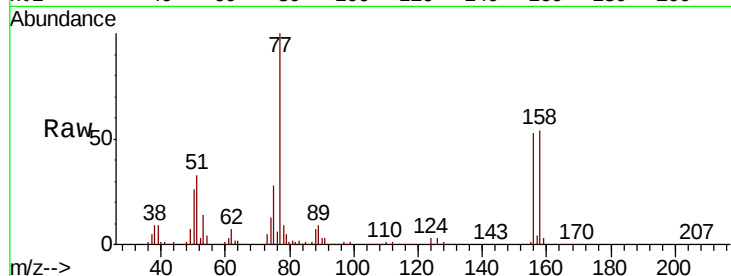
Tot Ion:156 Resp: 45368

Ion Ratio Lower Upper

156 100

77 205.0 104.7 313.9

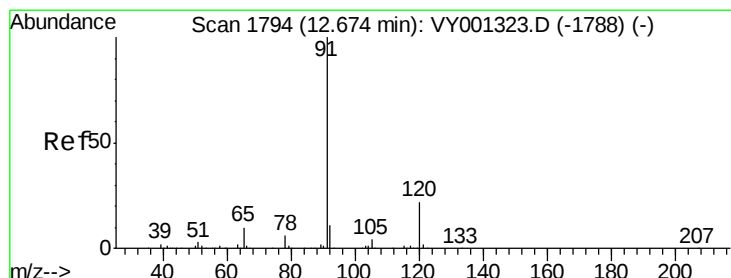
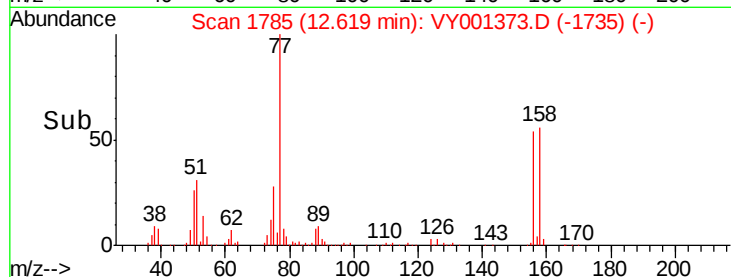
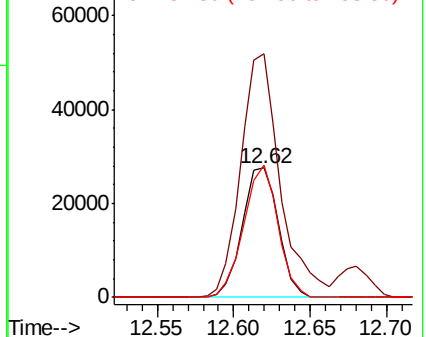
158 96.6 48.6 145.8



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: 20.254 ug/l

RT: 12.68 min Scan# 1795

Delta R.T. 0.01 min

Lab File: VY001373.D

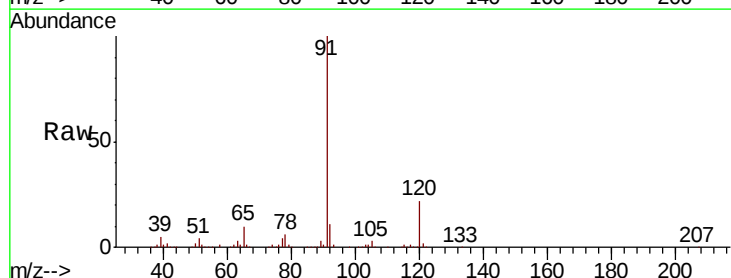
Acq: 24 Jan 2020 11:54

Tgt Ion: 91 Resp: 261597

Ion Ratio Lower Upper

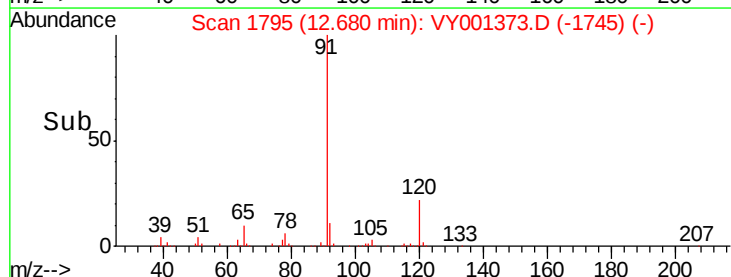
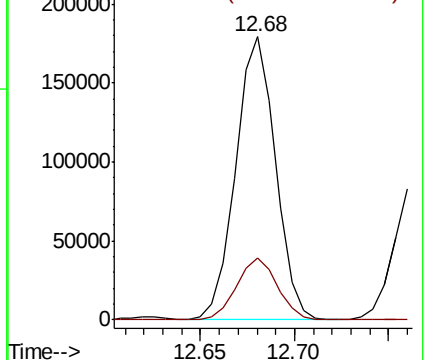
91 100

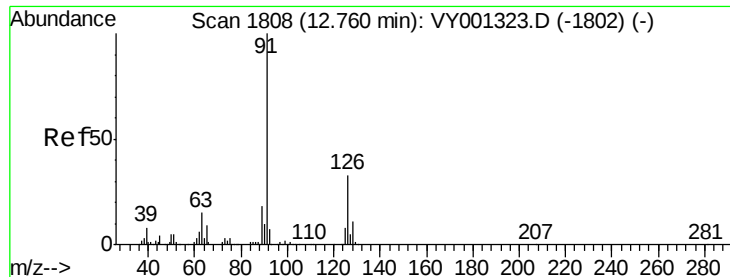
120 22.2 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

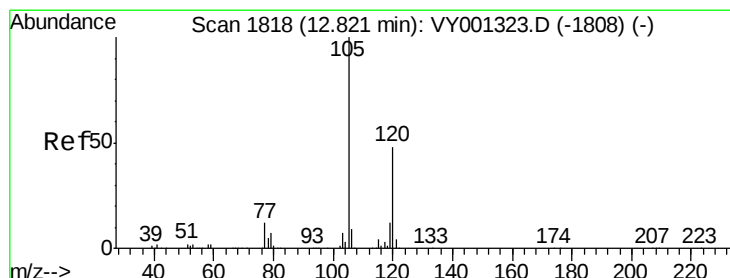
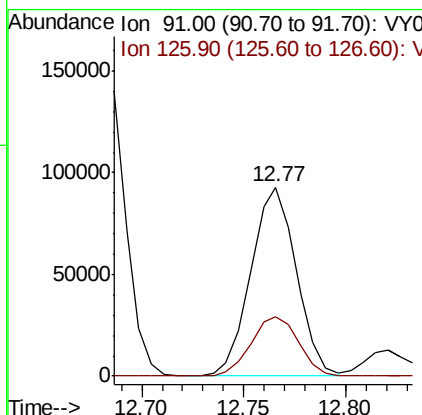
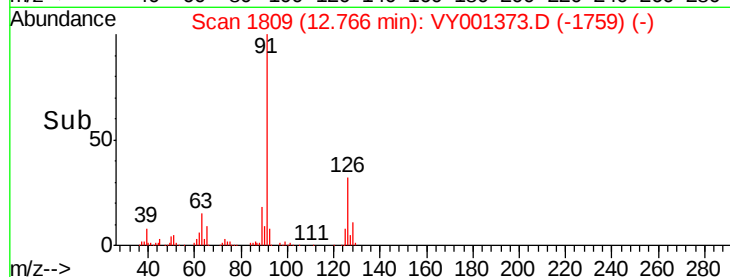
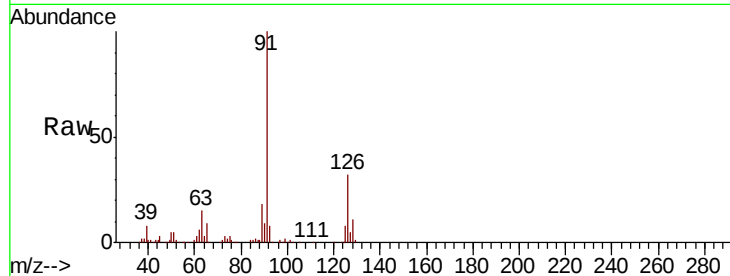




#79
2-Chlorotoluene
Concen: 19.542 ug/l
RT: 12.77 min Scan# 1809
Delta R.T. 0.01 min
Lab File: VY001373.D
Acq: 24 Jan 2020 11:54

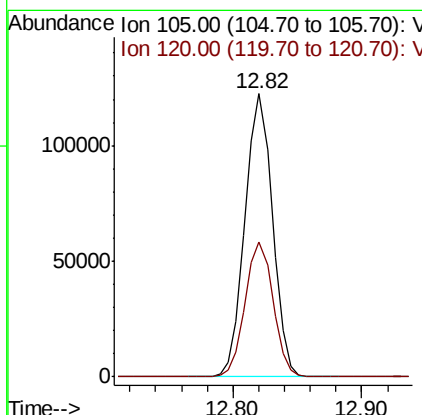
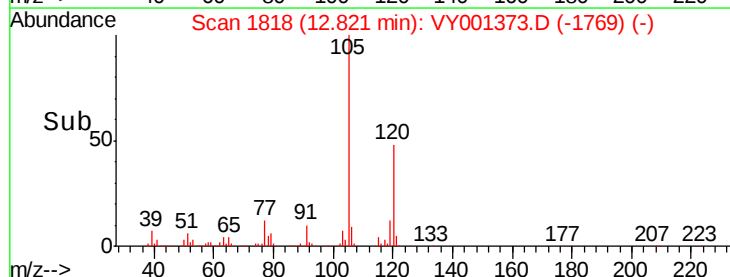
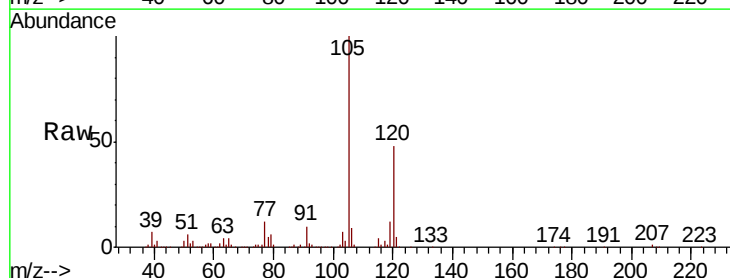
Instrument :
MSVOA_Y
ClientSampled :

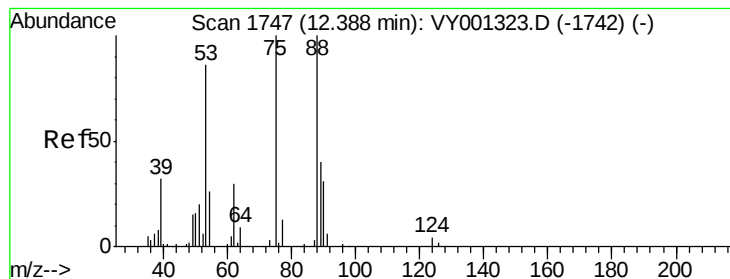
Tot Ion: 91 Resp: 144195
Ion Ratio Lower Upper
91 100
126 33.1 16.6 49.7



#80
1,3,5-Trimethylbenzene
Concen: 20.164 ug/l
RT: 12.82 min Scan# 1818
Delta R.T. -0.00 min
Lab File: VY001373.D
Acq: 24 Jan 2020 11:54

Tgt Ion:105 Resp: 180617
Ion Ratio Lower Upper
105 100
120 48.2 24.3 72.9





#81

trans-1,4-Dichloro-2-butene

Concen: 16.964 ug/l

RT: 12.39 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VY001373.D

Acq: 24 Jan 2020 11:54

Instrument :

MSVOA_Y

ClientSampleId :

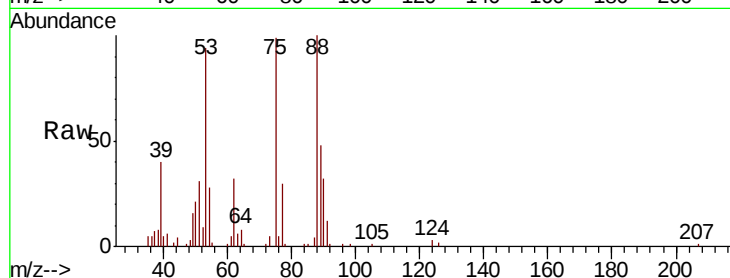
Tot Ion: 75 Resp: 14690

Ion Ratio Lower Upper

75 100

53 88.4 69.9 104.9

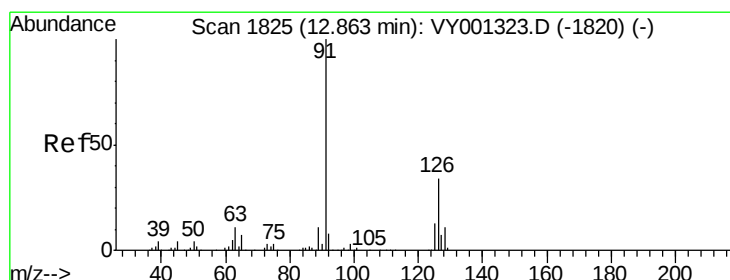
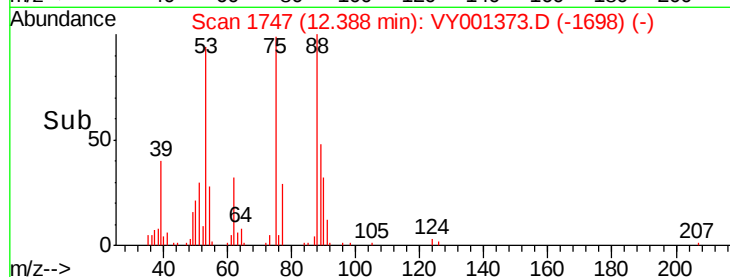
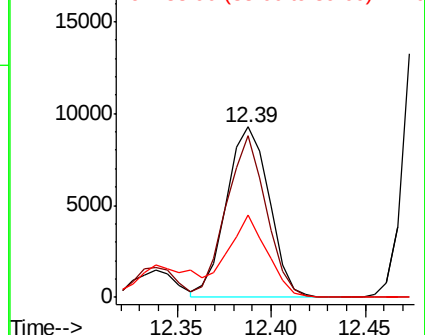
89 44.9 36.6 54.8



Abundance Ion 74.90 (74.60 to 75.60): VY001373.D (-1742) (-)

Ion 53.00 (52.70 to 53.70): VY001373.D (-1742) (-)

Ion 88.90 (88.60 to 89.60): VY001373.D (-1742) (-)



#82

4-Chlorotoluene

Concen: 19.424 ug/l

RT: 12.86 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VY001373.D

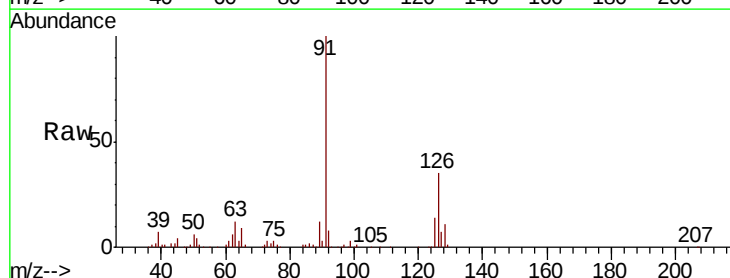
Acq: 24 Jan 2020 11:54

Tgt Ion: 91 Resp: 153091

Ion Ratio Lower Upper

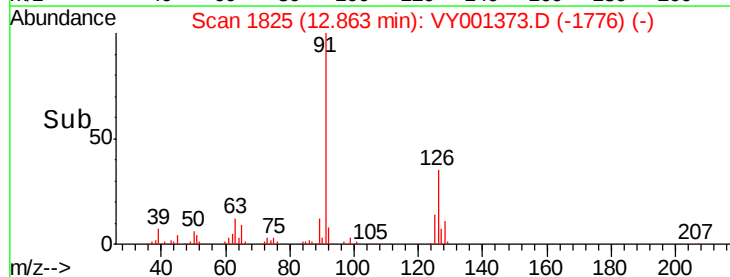
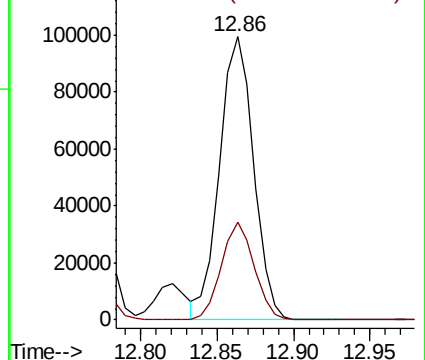
91 100

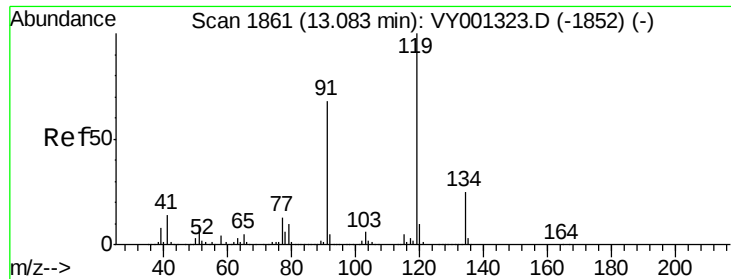
126 33.4 16.4 49.4



Abundance Ion 91.00 (90.70 to 91.70): VY001373.D (-1776) (-)

Ion 125.90 (125.60 to 126.60): VY001373.D (-1776) (-)

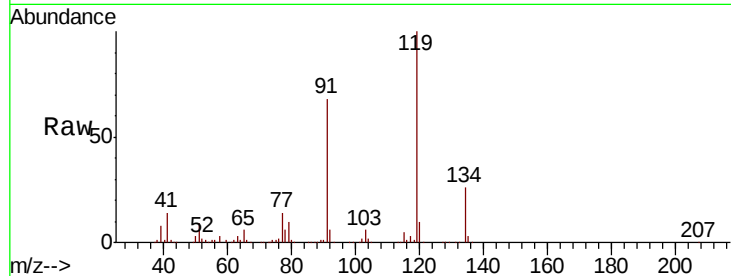




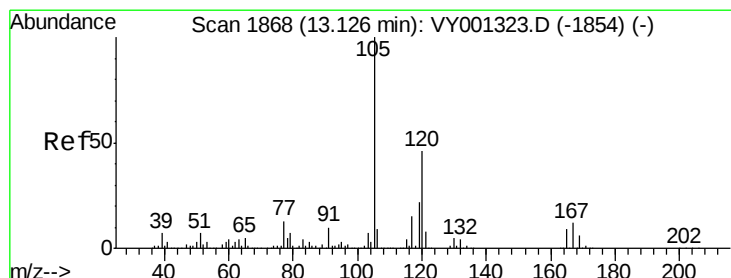
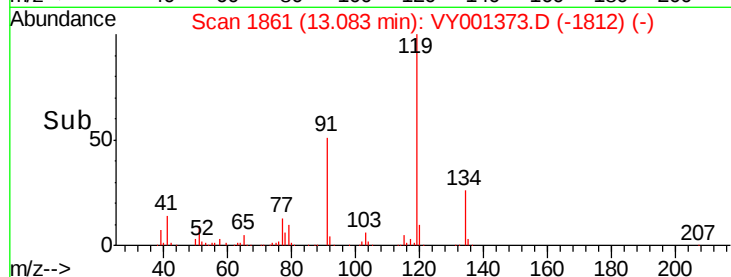
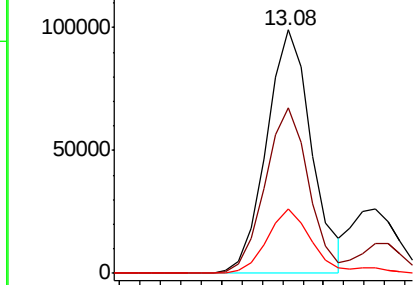
#83
tert-Butylbenzene
Concen: 20.177 ug/l
RT: 13.08 min Scan# 1861
Delta R.T. -0.00 min
Lab File: VY001373.D
Acq: 24 Jan 2020 11:54

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:119 Resp: 152342
Ion Ratio Lower Upper
119 100
91 65.8 33.0 99.0
134 27.0 13.3 39.9

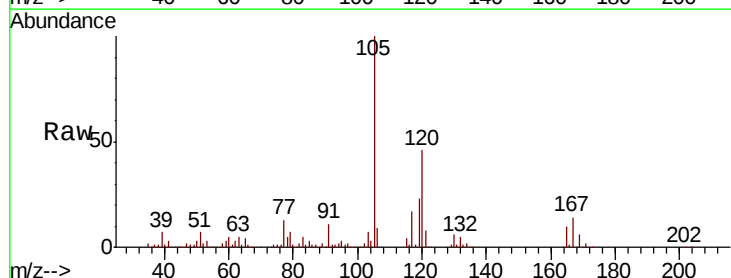


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VY0
Ion 134.00 (133.70 to 134.70): V

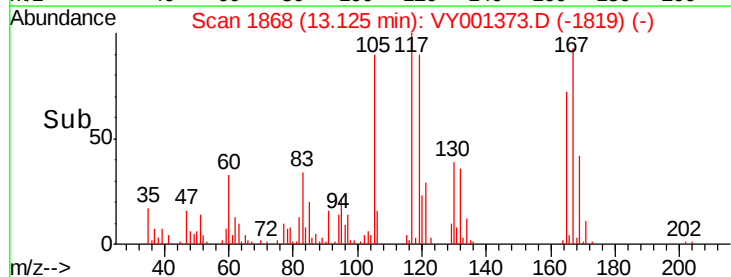
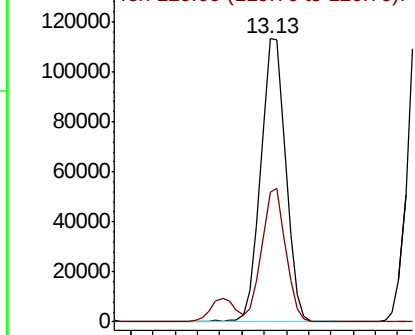


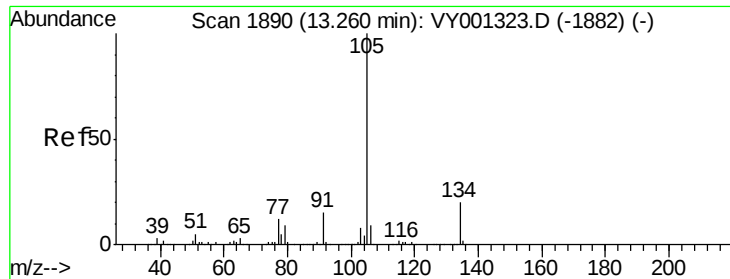
#84
1,2,4-Trimethylbenzene
Concen: 19.910 ug/l
RT: 13.13 min Scan# 1868
Delta R.T. -0.00 min
Lab File: VY001373.D
Acq: 24 Jan 2020 11:54

Tgt Ion:105 Resp: 179045
Ion Ratio Lower Upper
105 100
120 45.3 22.4 67.3



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





#85

sec-Butylbenzene

Concen: 20.584 ug/l

RT: 13.26 min Scan# 1890

Delta R.T. -0.00 min

Lab File: VY001373.D

Acq: 24 Jan 2020 11:54

Instrument :

MSVOA_Y

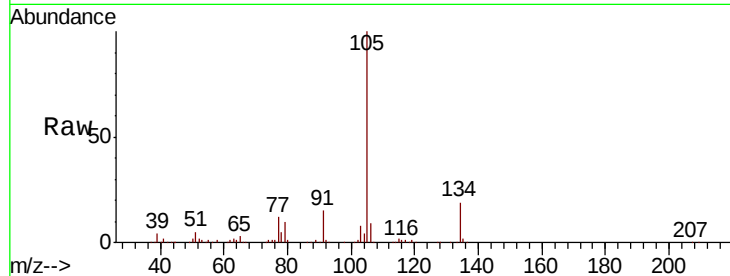
ClientSampleId :

Tot Ion:105 Resp: 220815

Ion Ratio Lower Upper

105 100

134 19.9 9.8 29.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.26

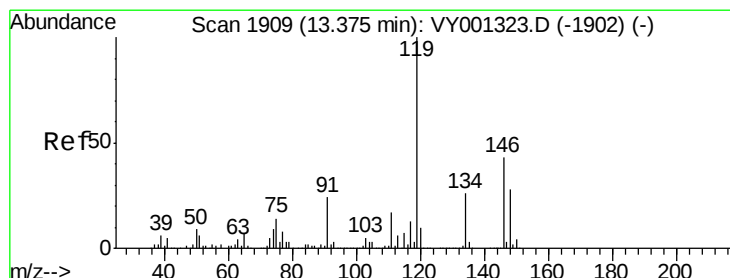
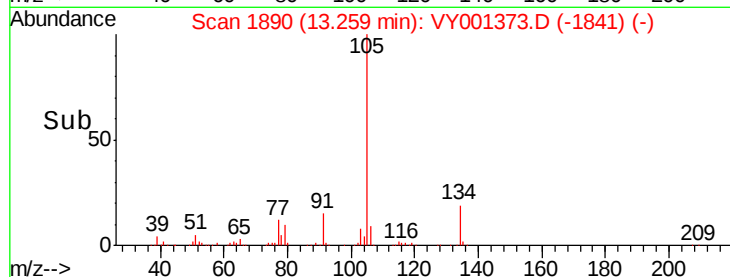
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 20.655 ug/l

RT: 13.38 min Scan# 1909

Delta R.T. -0.00 min

Lab File: VY001373.D

Acq: 24 Jan 2020 11:54

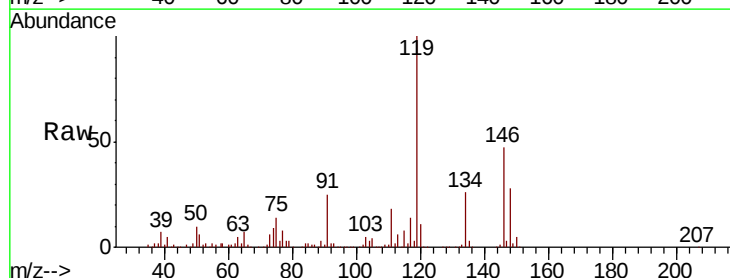
Tgt Ion:119 Resp: 195263

Ion Ratio Lower Upper

119 100

134 26.5 13.5 40.4

91 23.5 12.2 36.6



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

13.38

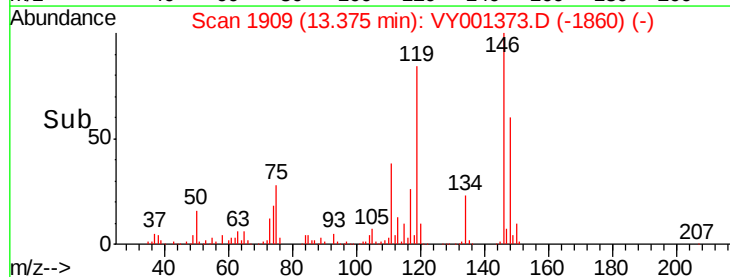
150000

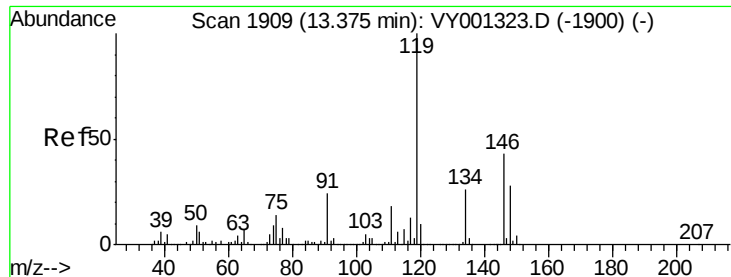
100000

50000

0

Time-->

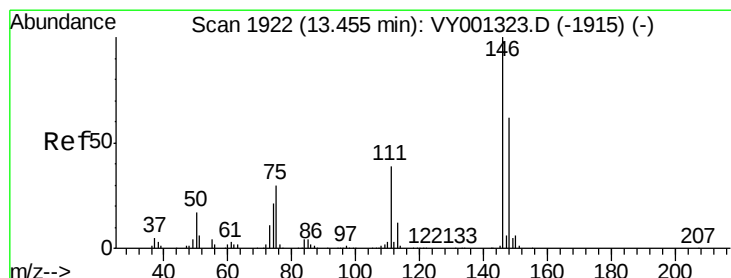
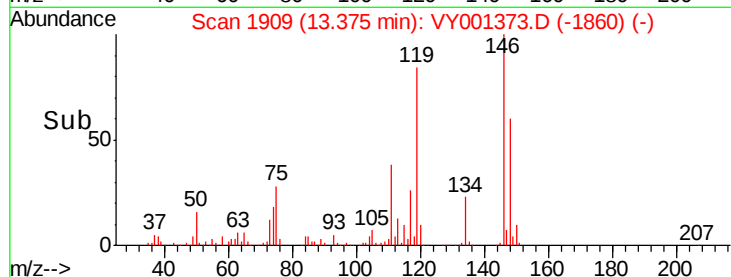
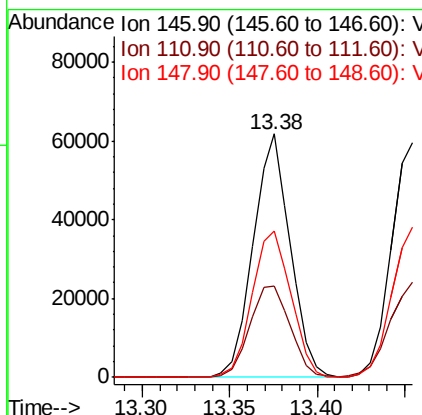
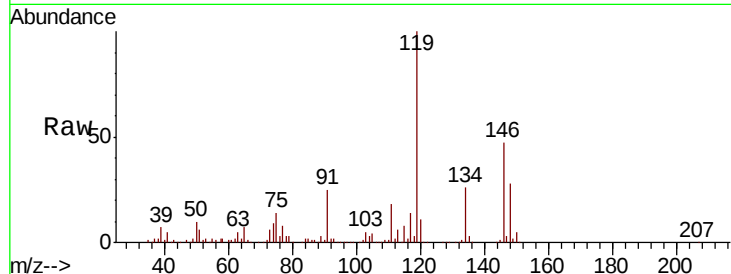




#87
 1,3-Dichlorobenzene
 Concen: 19.791 ug/l
 RT: 13.38 min Scan# 1909
 Delta R.T. -0.00 min
 Lab File: VY001373.D
 Acq: 24 Jan 2020 11:54

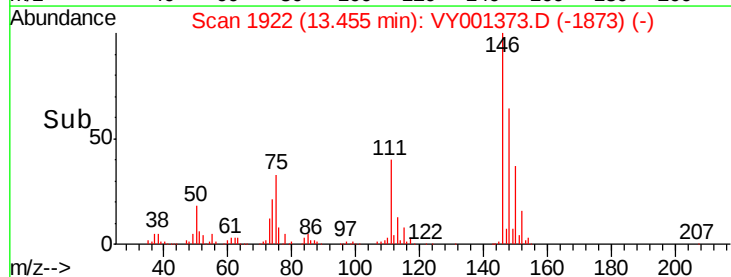
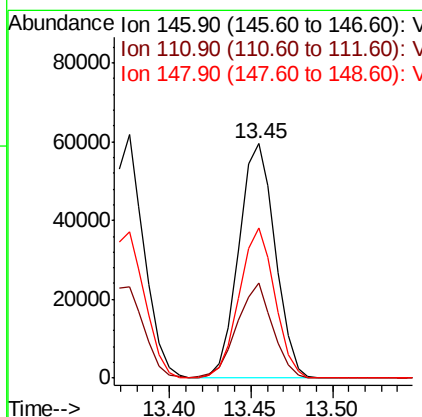
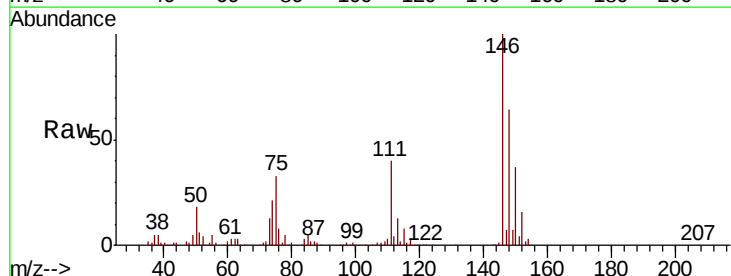
Instrument :
 MSVOA_Y
 ClientSampleId :

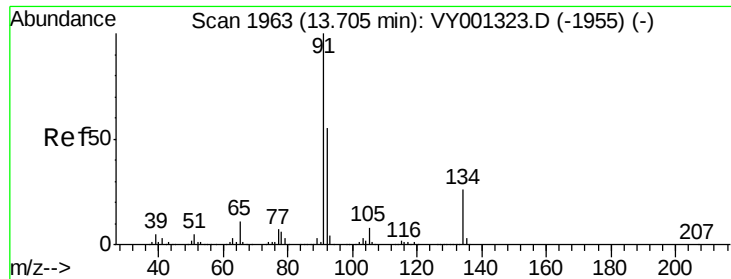
Tot Ion:146 Resp: 90592
 Ion Ratio Lower Upper
 146 100
 111 41.0 20.6 61.8
 148 63.5 31.6 95.0



#88
 1,4-Dichlorobenzene
 Concen: 19.895 ug/l
 RT: 13.45 min Scan# 1922
 Delta R.T. -0.00 min
 Lab File: VY001373.D
 Acq: 24 Jan 2020 11:54

Tgt Ion:146 Resp: 92466
 Ion Ratio Lower Upper
 146 100
 111 39.8 20.5 61.5
 148 62.7 31.6 95.0

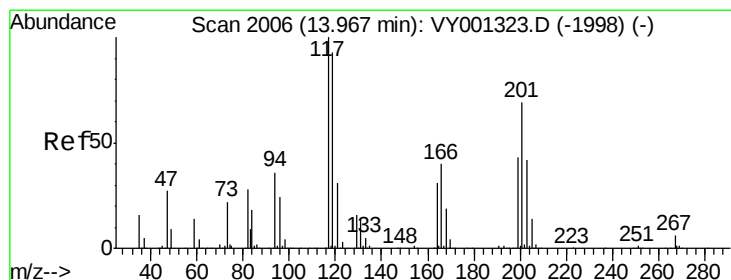
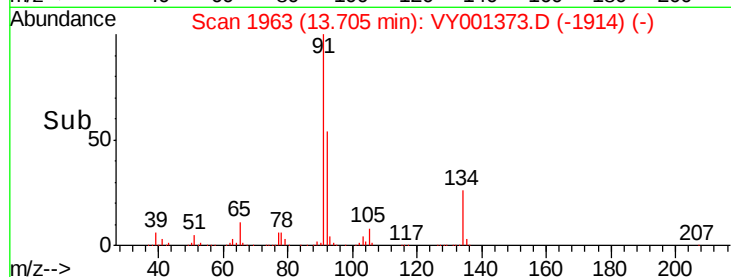
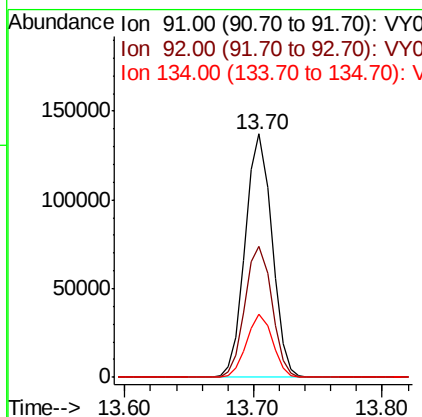
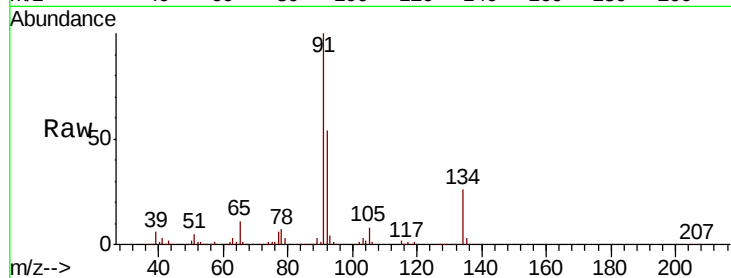




#89
n-Butylbenzene
Concen: 20.647 ug/l
RT: 13.70 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VY001373.D
Acq: 24 Jan 2020 11:54

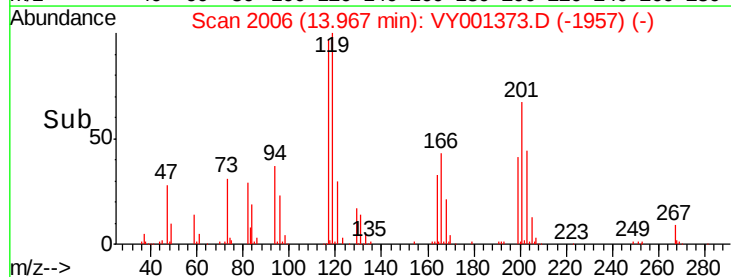
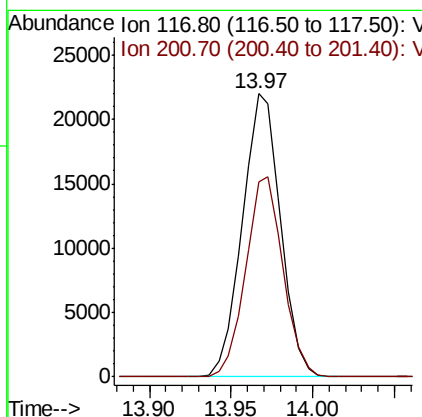
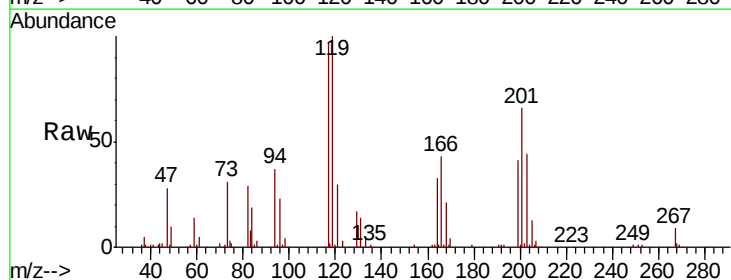
Instrument :
MSVOA_Y
ClientSampleId :

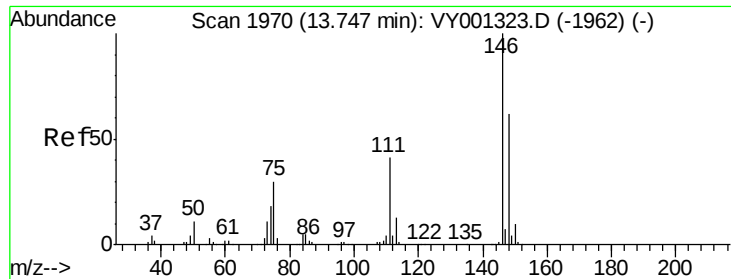
Tot Ion: 91 Resp: 196435
Ion Ratio Lower Upper
91 100
92 54.1 27.6 82.8
134 25.3 12.9 38.6



#90
Hexachloroethane
Concen: 19.968 ug/l
RT: 13.97 min Scan# 2006
Delta R.T. -0.00 min
Lab File: VY001373.D
Acq: 24 Jan 2020 11:54

Tgt Ion: 117 Resp: 35780
Ion Ratio Lower Upper
117 100
201 69.0 34.6 103.8

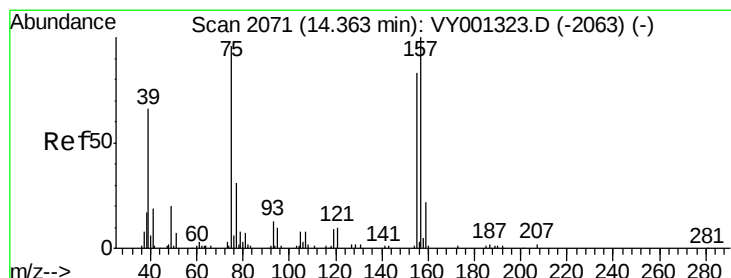
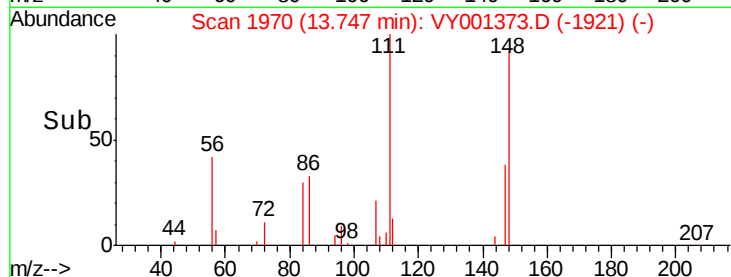
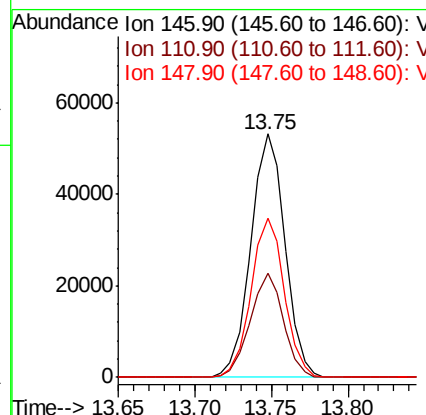
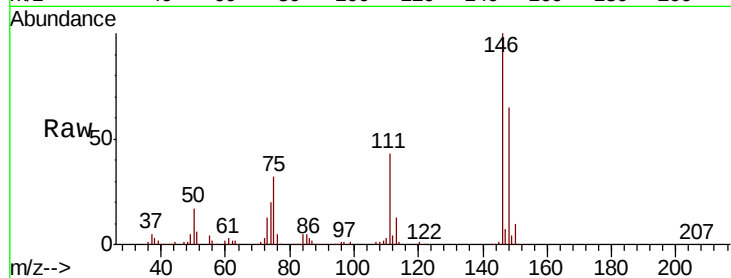




#91
 1,2-Dichlorobenzene
 Concen: 19.511 ug/l
 RT: 13.75 min Scan# 1970
 Delta R.T. -0.00 min
 Lab File: VY001373.D
 Acq: 24 Jan 2020 11:54

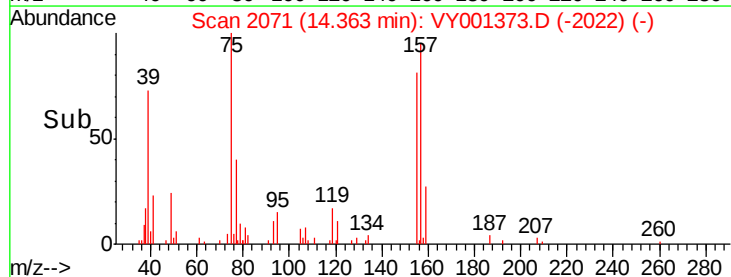
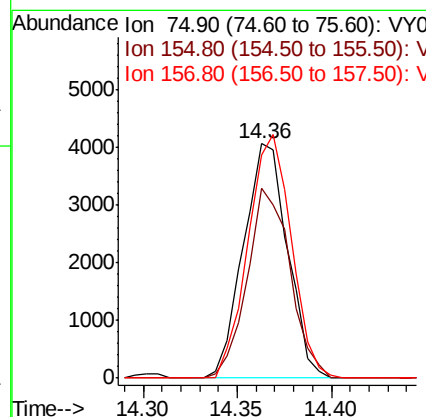
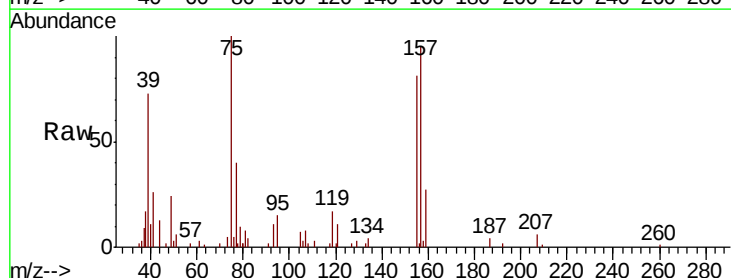
Instrument :
 MSVOA_Y
 ClientSampleId :

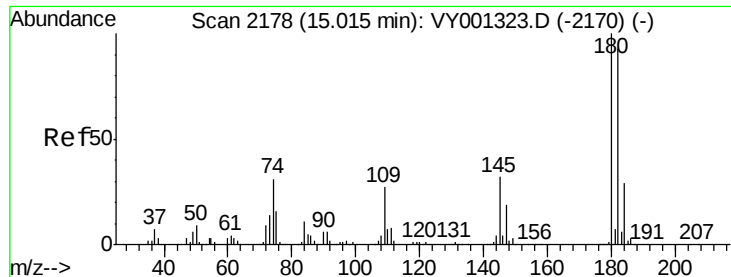
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.8	21.1	63.4
148	63.9	31.5	94.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 16.615 ug/l
 RT: 14.36 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VY001373.D
 Acq: 24 Jan 2020 11:54

Tgt Ion	Ratio	Lower	Upper
75	100		
155	79.2	43.0	129.2
157	102.4	53.3	160.0

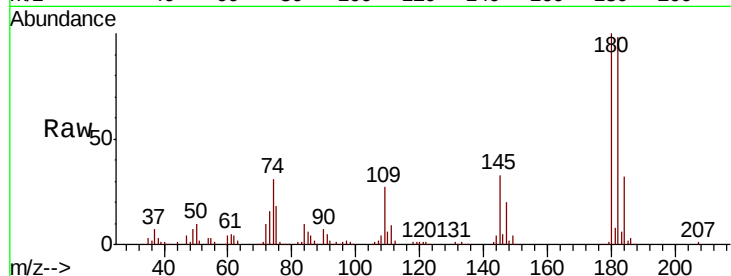




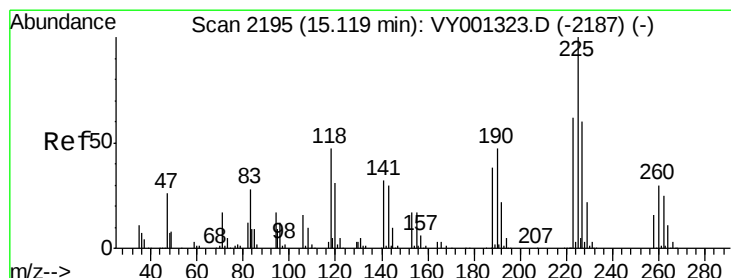
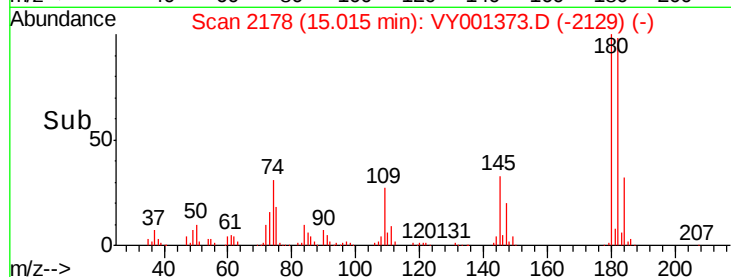
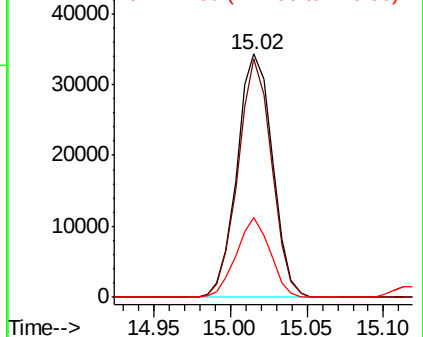
#93
1,2,4-Trichlorobenzene
Concen: 19.442 ug/l
RT: 15.02 min Scan# 2178
Delta R.T. -0.00 min
Lab File: VY001373.D
Acq: 24 Jan 2020 11:54

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:180 Resp: 55084
Ion Ratio Lower Upper
180 100
182 93.8 47.6 142.8
145 31.1 16.3 48.9

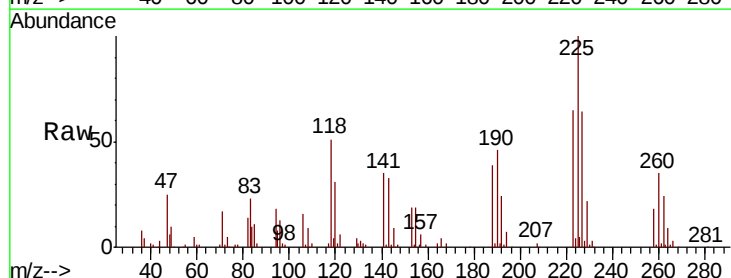


Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V

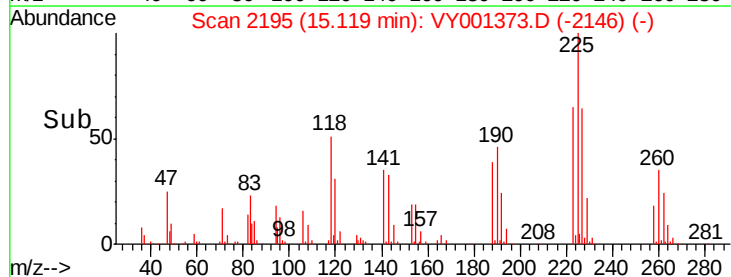
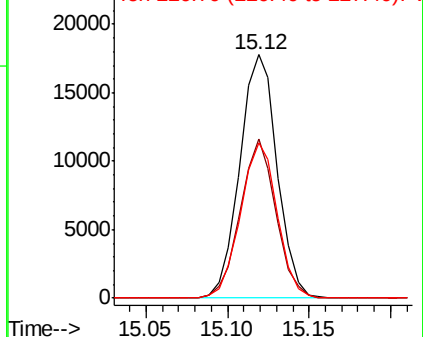


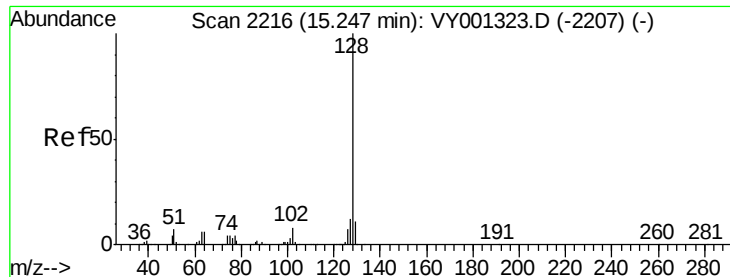
#94
Hexachlorobutadiene
Concen: 20.500 ug/l
RT: 15.12 min Scan# 2195
Delta R.T. -0.00 min
Lab File: VY001373.D
Acq: 24 Jan 2020 11:54

Tgt Ion:225 Resp: 28282
Ion Ratio Lower Upper
225 100
223 62.7 31.2 93.6
227 62.7 31.0 93.0



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 17.845 ug/l

RT: 15.24 min Scan# 2215

Delta R.T. -0.01 min

Lab File: VY001373.D

Acq: 24 Jan 2020 11:54

Instrument :

MSVOA_Y

ClientSampleId :

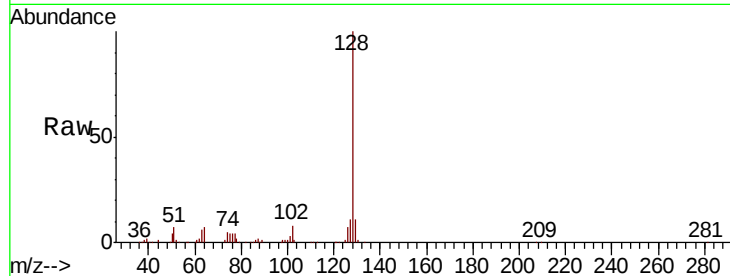
Tot Ion:128 Resp: 115614

Ion Ratio Lower Upper

128 100

127 12.1 10.2 15.2

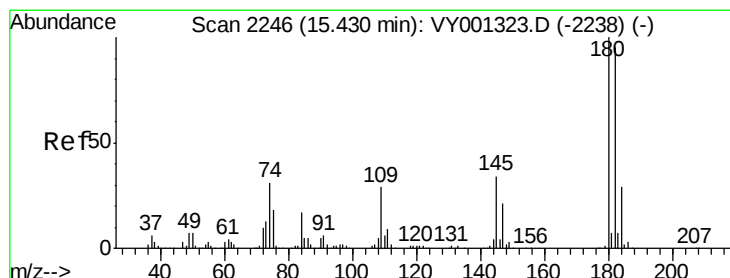
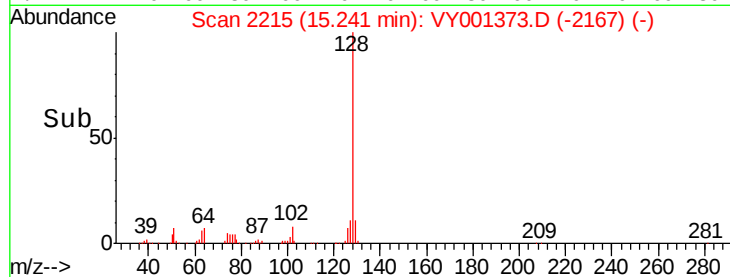
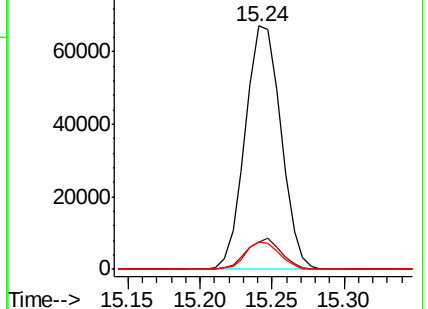
129 10.8 8.7 13.1



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: 19.170 ug/l

RT: 15.43 min Scan# 2246

Delta R.T. -0.00 min

Lab File: VY001373.D

Acq: 24 Jan 2020 11:54

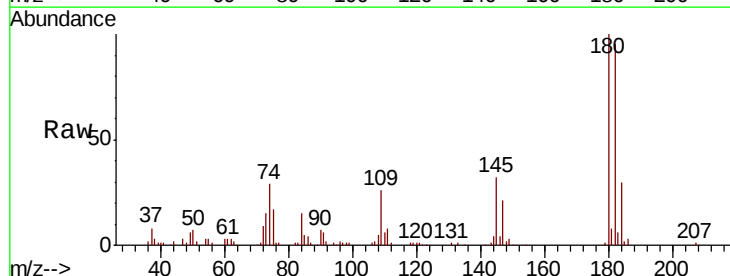
Tgt Ion:180 Resp: 47646

Ion Ratio Lower Upper

180 100

182 96.0 47.3 141.8

145 32.9 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

