

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY012420\
 Data File : VY001371.D
 Acq On : 24 Jan 2020 10:40
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 25 03:45:43 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	193254	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.71	114	332737	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	295385	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	143423	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.16	65	107990	51.35	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	102.70%	
35) Dibromofluoromethane	7.74	113	101825	52.14	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	104.28%	
50) Toluene-d8	10.19	98	416296	54.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.74%	
62) 4-Bromofluorobenzene	12.49	95	155615	51.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.00%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.91	85	78895	51.768	ug/l 100
3) Chloromethane	2.12	50	112556	48.866	ug/l 99
4) Vinyl Chloride	2.26	62	119397	49.713	ug/l 96
5) Bromomethane	2.66	94	77654	48.008	ug/l 100
6) Chloroethane	2.80	64	77690	50.623	ug/l 98
7) Trichlorofluoromethane	3.13	101	159856	52.021	ug/l 95
8) Diethyl Ether	3.54	74	62781	48.397	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	3.91	101	103304	52.788	ug/l 100
10) Methyl Iodide	4.11	142	129585	50.206	ug/l 100
11) Tert butyl alcohol	4.98	59	52902	195.910	ug/l 99
12) 1,1-Dichloroethene	3.89	96	103870	50.622	ug/l 96
13) Acrolein	3.74	56	49221	319.151	ug/l 99
14) Allyl chloride	4.50	41	184247	50.353	ug/l 100
15) Acrylonitrile	5.19	53	163847	246.754	ug/l 100
16) Acetone	3.96	43	154432	279.679	ug/l 98
17) Carbon Disulfide	4.21	76	316284	49.012	ug/l 100
18) Methyl Acetate	4.50	43	81946	46.210	ug/l 99
19) Methyl tert-butyl Ether	5.24	73	293820	48.906	ug/l 99
20) Methylene Chloride	4.74	84	116052	44.199	ug/l 99
21) trans-1,2-Dichloroethene	5.24	96	116800	49.005	ug/l 96
22) Diisopropyl ether	6.14	45	383346	49.336	ug/l 96
23) Vinyl Acetate	6.08	43	1266675	251.105	ug/l 99
24) 1,1-Dichloroethane	6.04	63	202719	49.497	ug/l 99
25) 2-Butanone	7.01	43	231624	253.062	ug/l 97
26) 2,2-Dichloropropane	7.00	77	179074	49.086	ug/l 99
27) cis-1,2-Dichloroethene	7.00	96	131648	49.423	ug/l 98
28) Bromochloromethane	7.35	49	83627	49.512	ug/l 97
29) Tetrahydrofuran	7.36	42	145757	244.775	ug/l 99
30) Chloroform	7.53	83	198388	49.419	ug/l 97
31) Cyclohexane	7.80	56	200766	49.372	ug/l 99
32) 1,1,1-Trichloroethane	7.72	97	169955	50.140	ug/l 100
36) 1,1-Dichloropropene	7.94	75	162567	51.715	ug/l 99
37) Ethyl Acetate	7.10	43	96316	50.149	ug/l 100
38) Carbon Tetrachloride	7.91	117	149205	53.257	ug/l 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	215266	53.456	ug/l	98
40) Benzene	8.18	78	480213	50.948	ug/l	99
41) Methacrylonitrile	7.36	41	131461	132.641	ug/l #	100
42) 1,2-Dichloroethane	8.25	62	134273	50.983	ug/l	98
43) Isopropyl Acetate	8.28	43	194244	52.012	ug/l	99
44) Trichloroethene	8.95	130	122724	50.739	ug/l	100
45) 1,2-Dichloropropane	9.23	63	122853	51.559	ug/l	100
46) Dibromomethane	9.32	93	65757	51.405	ug/l	98
47) Bromodichloromethane	9.50	83	157127	51.383	ug/l	99
48) Methyl methacrylate	9.30	41	88584	52.177	ug/l	97
49) 1,4-Dioxane	9.32	88	17222	954.707	ug/l	94
51) 4-Methyl-2-Pentanone	10.08	43	491832	255.728	ug/l	100
52) Toluene	10.25	92	305998	51.214	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	176866	52.182	ug/l	100
54) cis-1,3-Dichloropropene	9.94	75	199677	51.327	ug/l	99
55) 1,1,2-Trichloroethane	10.65	97	96143	50.922	ug/l	95
56) Ethyl methacrylate	10.52	69	146737	51.421	ug/l	99
57) 1,3-Dichloropropane	10.80	76	169793	51.625	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.79	63	229162	232.071	ug/l	99
59) 2-Hexanone	10.84	43	362158	270.485	ug/l	99
60) Dibromochloromethane	10.99	129	108781	51.514	ug/l	100
61) 1,2-Dibromoethane	11.10	107	91371	51.192	ug/l	99
64) Tetrachloroethene	10.73	164	96049	50.905	ug/l	99
65) Chlorobenzene	11.52	112	320798	51.523	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.60	131	110747	52.121	ug/l	99
67) Ethyl Benzene	11.60	91	597396	52.064	ug/l	99
68) m/p-Xylenes	11.71	106	446549	104.199	ug/l	99
69) o-Xylene	12.03	106	213170	51.706	ug/l	99
70) Styrene	12.05	104	373278	51.605	ug/l	100
71) Bromoform	12.22	173	65422	51.579	ug/l #	99
73) Isopropylbenzene	12.33	105	574839	50.793	ug/l	100
74) N-amyl acetate	12.15	43	190636	51.460	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.59	83	123847	51.097	ug/l	98
76) 1,2,3-Trichloropropane	12.64	75	161678	93.550	ug/l #	100
77) Bromobenzene	12.61	156	126388	50.421	ug/l	99
78) n-propylbenzene	12.68	91	706145	51.839	ug/l	100
79) 2-Chlorotoluene	12.77	91	396578	50.961	ug/l	100
80) 1,3,5-Trimethylbenzene	12.82	105	482747	51.102	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.39	75	47608	52.129	ug/l	96
82) 4-Chlorotoluene	12.86	91	421380	50.692	ug/l	100
83) tert-Butylbenzene	13.08	119	410276	51.523	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	481749	50.794	ug/l	99
85) sec-Butylbenzene	13.26	105	592505	52.371	ug/l	100
86) p-Isopropyltoluene	13.38	119	517642	51.920	ug/l	99
87) 1,3-Dichlorobenzene	13.38	146	246266	51.012	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	247486	50.490	ug/l	99
89) n-Butylbenzene	13.70	91	526042	52.426	ug/l	99
90) Hexachloroethane	13.97	117	99342	52.566	ug/l	98
91) 1,2-Dichlorobenzene	13.75	146	225810	50.719	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	20691	49.472	ug/l	99

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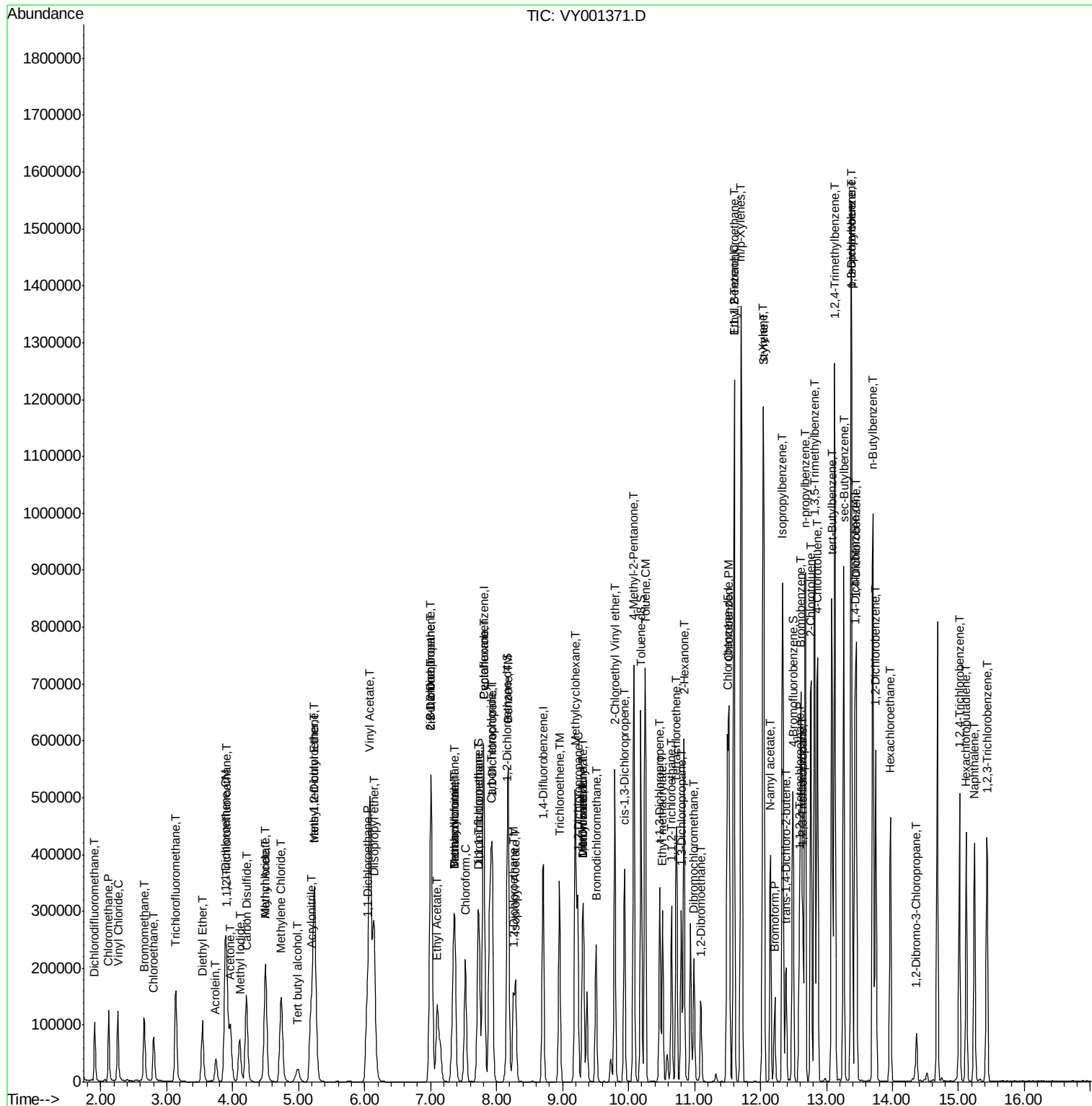
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	147712	49.433	ug/l	99
94) Hexachlorobutadiene	15.12	225	73190	50.303	ug/l	98
95) Naphthalene	15.24	128	346483	50.709	ug/l	100
96) 1,2,3-Trichlorobenzene	15.43	180	130357	49.731	ug/l	99

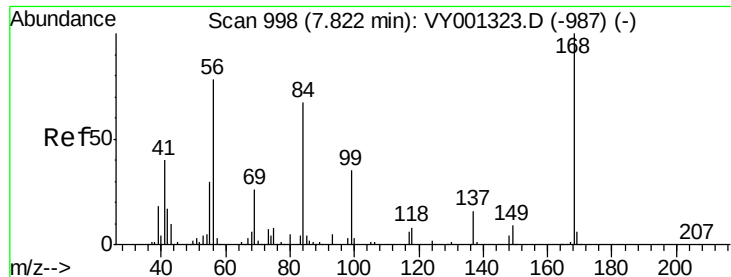
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY012420\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.01 min

Lab File: VY001371.D

Acq: 24 Jan 2020 10:40

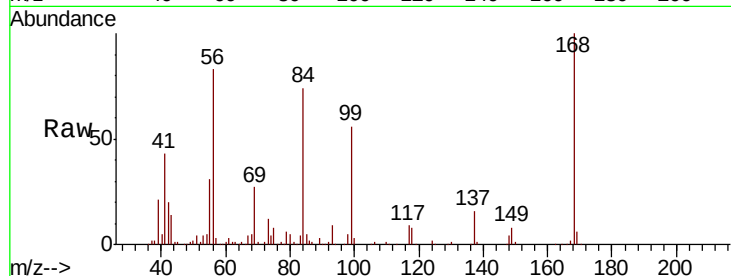
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:168 Resp: 193254

Ion Ratio Lower Upper

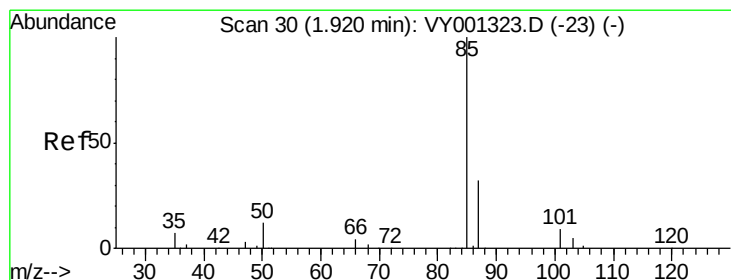
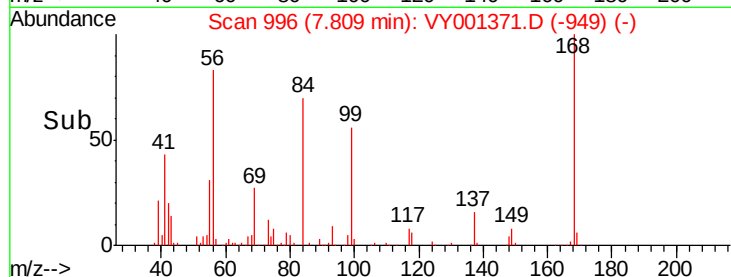
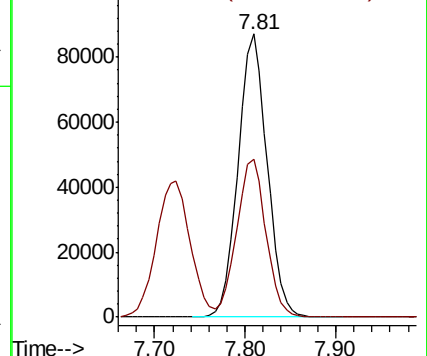
168 100

99 55.7 44.3 66.5



Abundance Ion 167.90 (167.60 to 168.60): VY001323.D (-987) (-)

Ion 98.90 (98.60 to 99.60): VY001323.D (-987) (-)



#2

Dichlorodifluoromethane

Concen: 51.768 ug/l

RT: 1.91 min Scan# 28

Delta R.T. -0.01 min

Lab File: VY001371.D

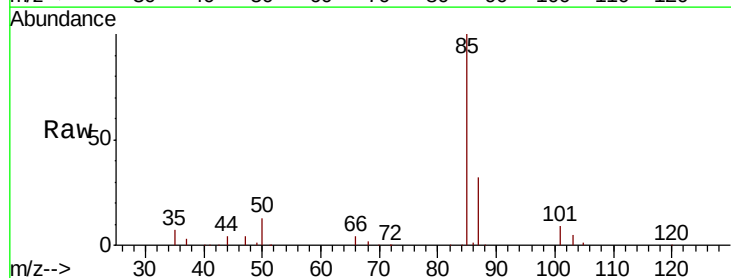
Acq: 24 Jan 2020 10:40

Tgt Ion: 85 Resp: 78895

Ion Ratio Lower Upper

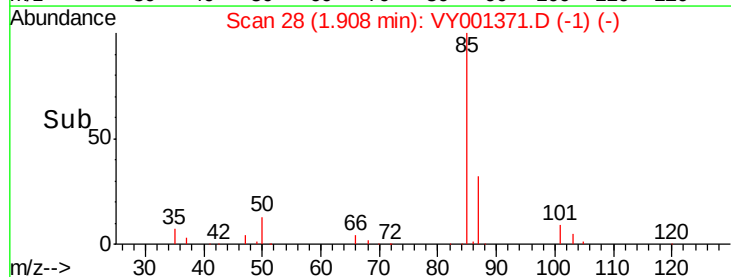
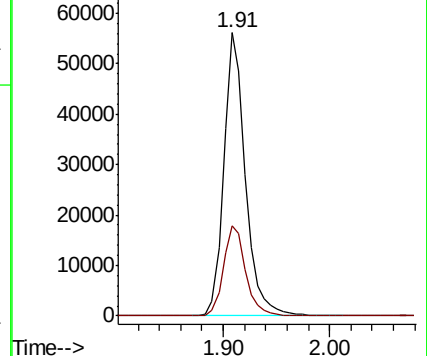
85 100

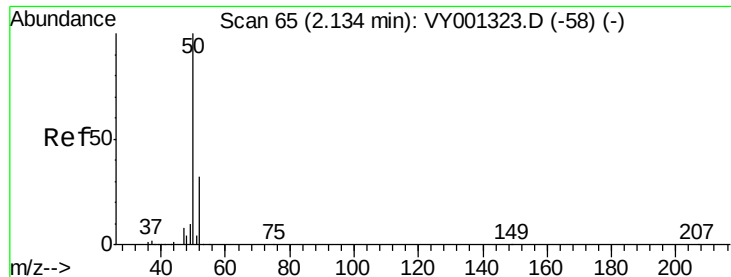
87 31.9 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VY001323.D (-23) (-)

Ion 86.90 (86.60 to 87.60): VY001323.D (-23) (-)





#3

Chloromethane

Concen: 48.866 ug/l

RT: 2.12 min Scan# 63

Delta R.T. -0.01 min

Lab File: VY001371.D

Acq: 24 Jan 2020 10:40

Instrument :

MSVOA_Y

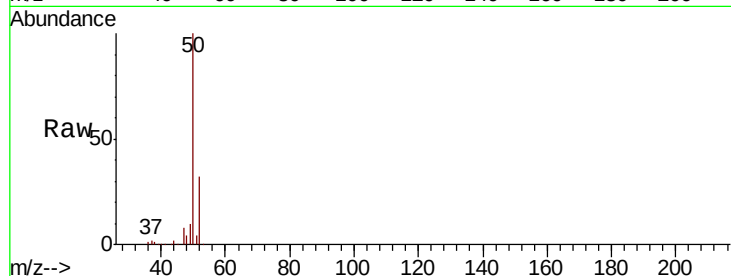
ClientSampleId :

Tot Ion: 50 Resp: 112556

Ion Ratio Lower Upper

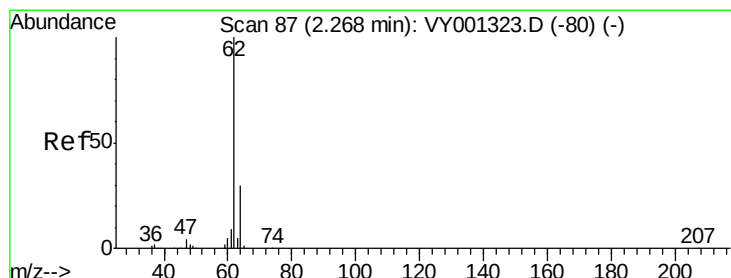
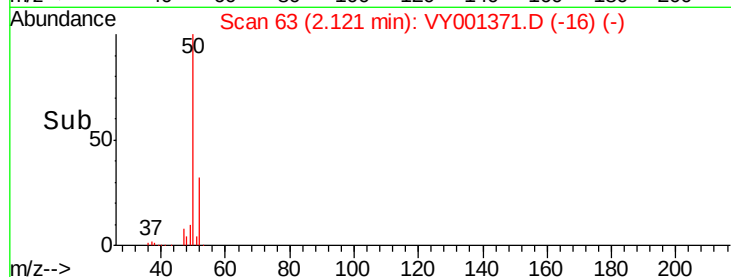
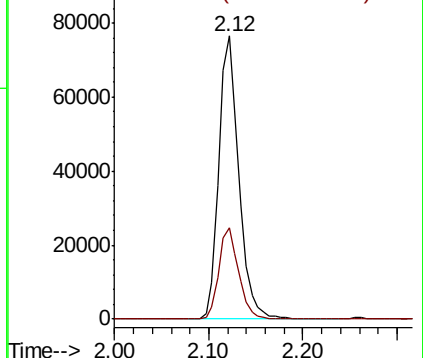
50 100

52 32.4 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 49.713 ug/l

RT: 2.26 min Scan# 86

Delta R.T. -0.01 min

Lab File: VY001371.D

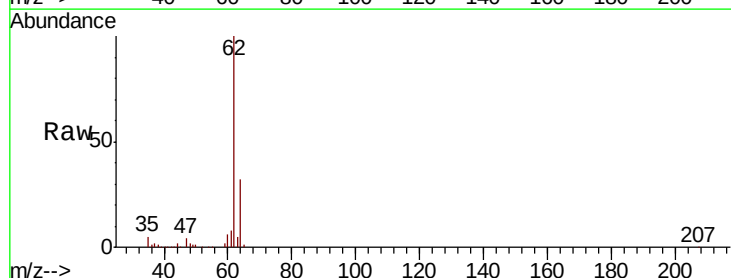
Acq: 24 Jan 2020 10:40

Tgt Ion: 62 Resp: 119397

Ion Ratio Lower Upper

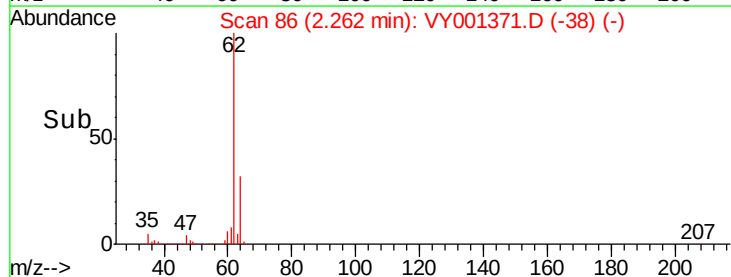
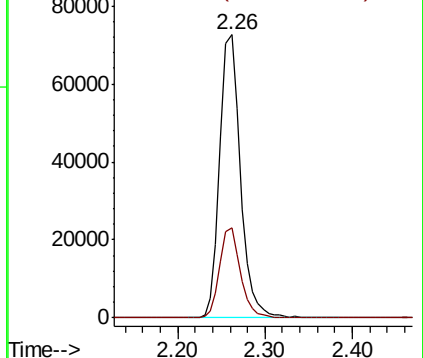
62 100

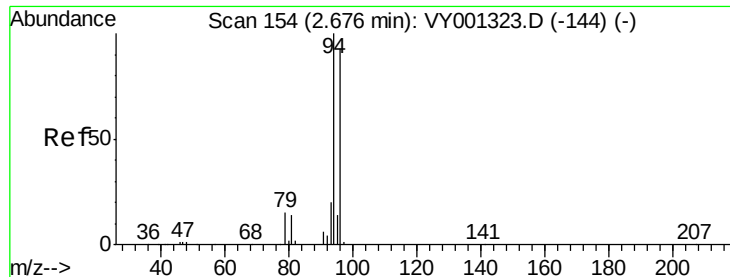
64 32.0 23.9 35.9



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 48.008 ug/l

RT: 2.66 min Scan# 151

Delta R.T. -0.02 min

Lab File: VY001371.D

Acq: 24 Jan 2020 10:40

Instrument :

MSVOA_Y

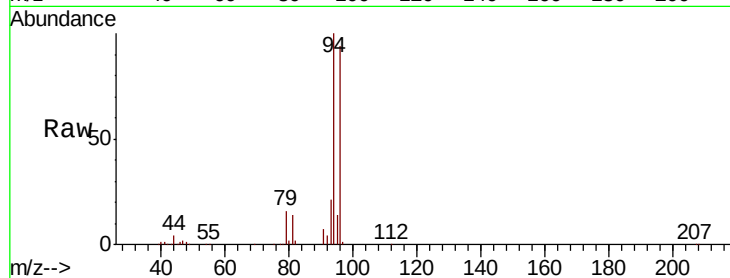
ClientSampleId :

Tot Ion: 94 Resp: 77654

Ion Ratio Lower Upper

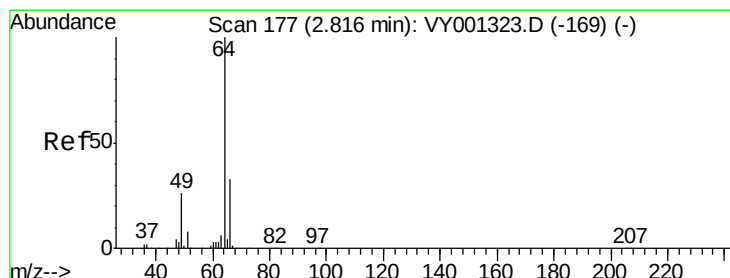
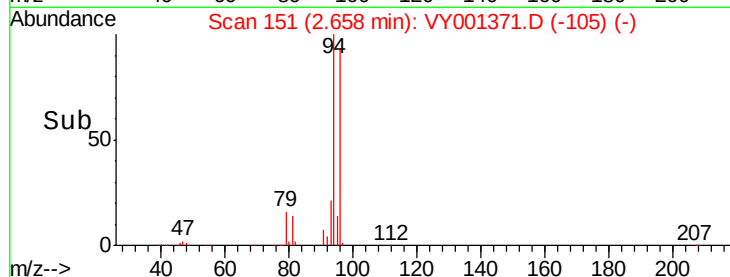
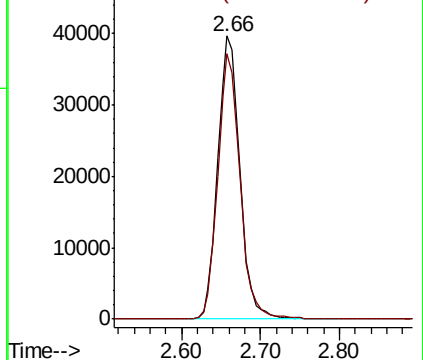
94 100

96 93.5 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: 50.623 ug/l

RT: 2.80 min Scan# 175

Delta R.T. -0.01 min

Lab File: VY001371.D

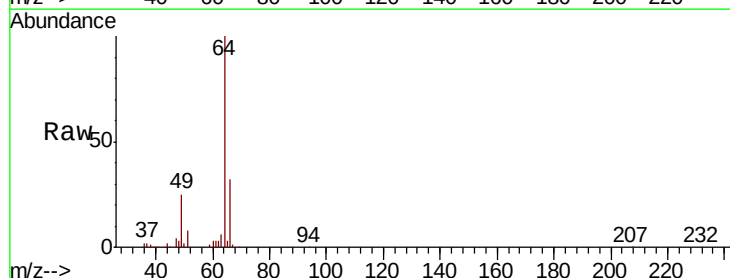
Acq: 24 Jan 2020 10:40

Tgt Ion: 64 Resp: 77690

Ion Ratio Lower Upper

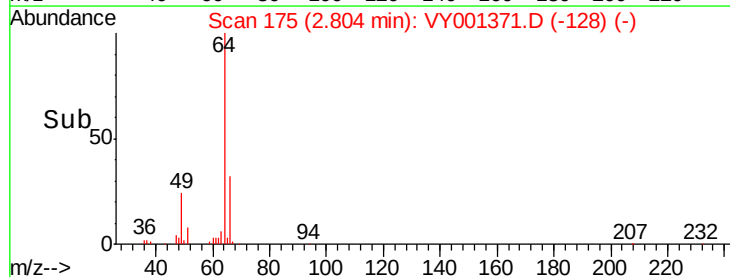
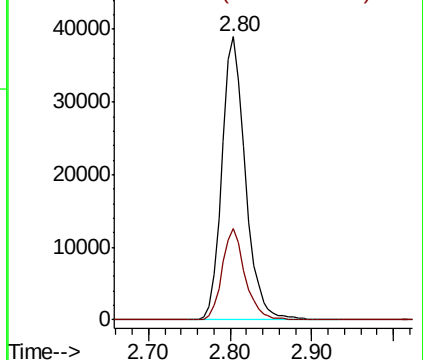
64 100

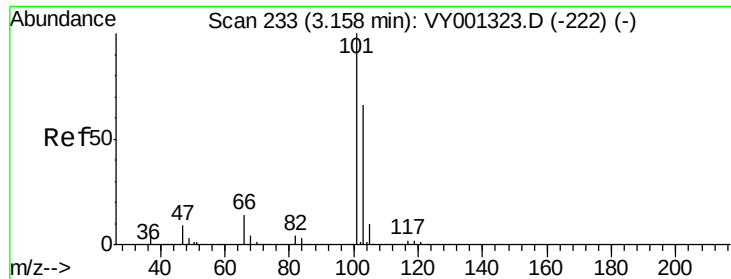
66 32.2 26.8 40.2



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



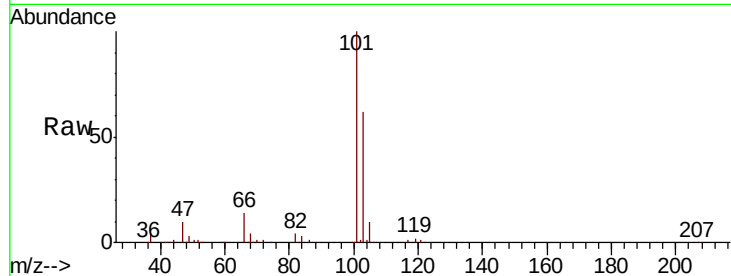


#7

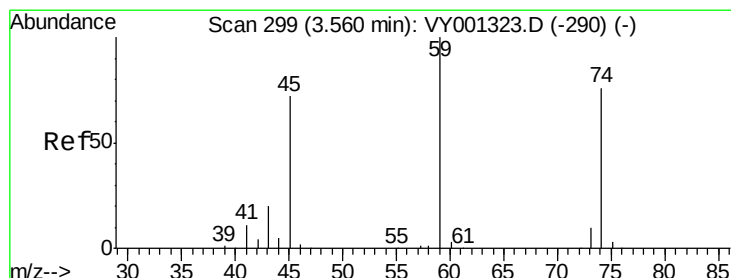
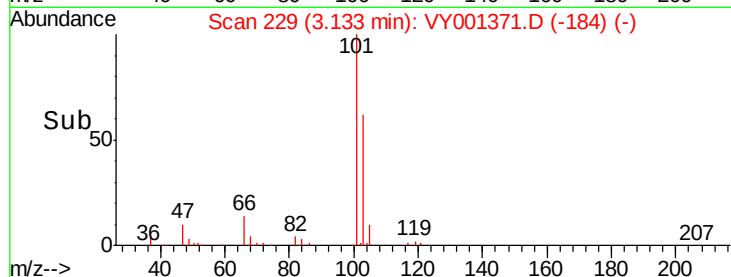
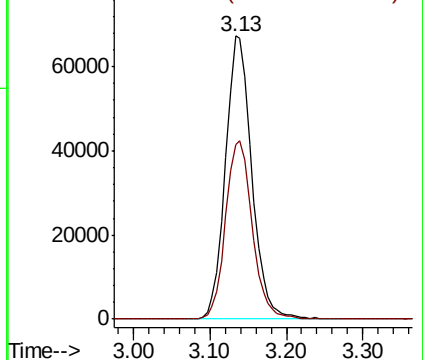
Trichlorofluoromethane
Concen: 52.021 ug/l
RT: 3.13 min Scan# 229
Delta R.T. -0.02 min
Lab File: VY001371.D
Acq: 24 Jan 2020 10:40

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:101 Resp: 159856
Ion Ratio Lower Upper
101 100
103 61.6 52.5 78.7



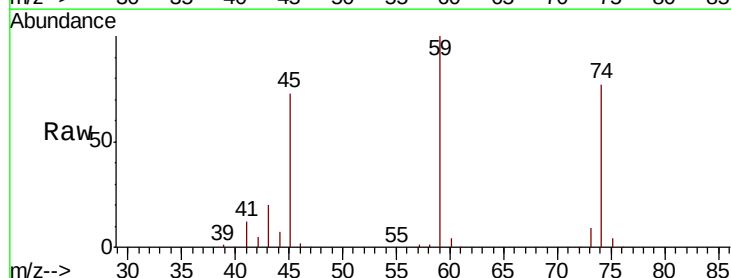
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



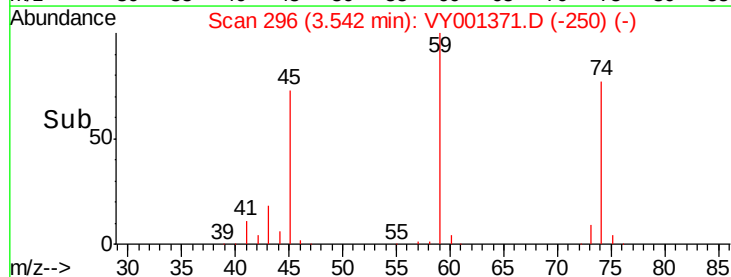
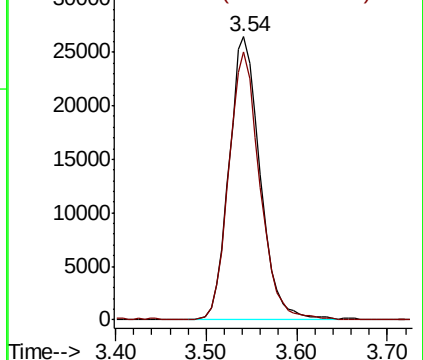
#8

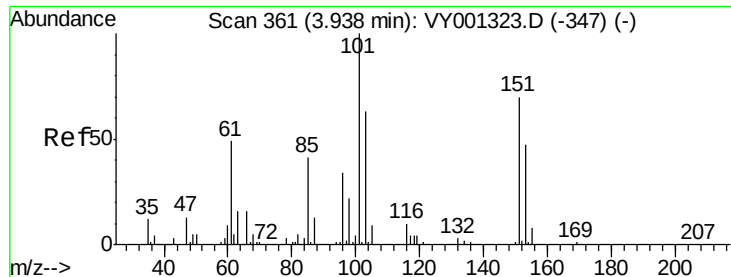
Diethyl Ether
Concen: 48.397 ug/l
RT: 3.54 min Scan# 296
Delta R.T. -0.02 min
Lab File: VY001371.D
Acq: 24 Jan 2020 10:40

Tgt Ion: 74 Resp: 62781
Ion Ratio Lower Upper
74 100
45 95.1 47.2 141.6



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





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.788 ug/l

RT: 3.91 min Scan# 357

Delta R.T. -0.02 min

Lab File: VY001371.D

Acq: 24 Jan 2020 10:40

Instrument :

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ClientSampleId :

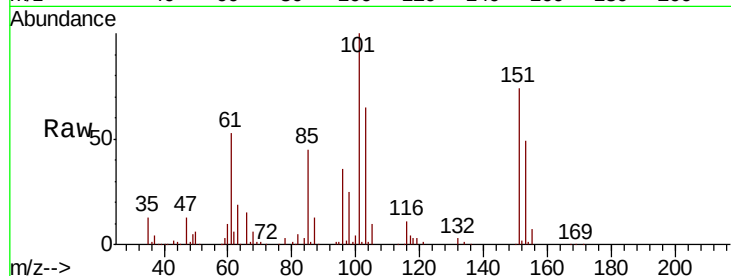
Tot Ion:101 Resp: 103304

Ion Ratio Lower Upper

101 100

85 44.0 34.9 52.3

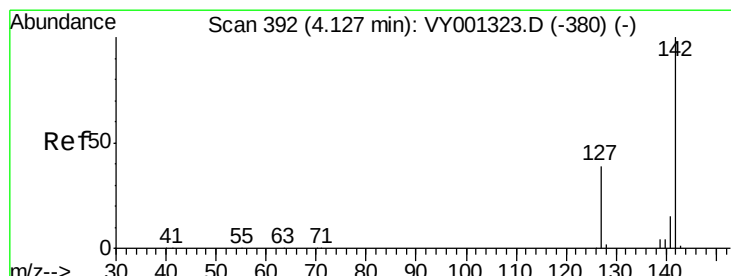
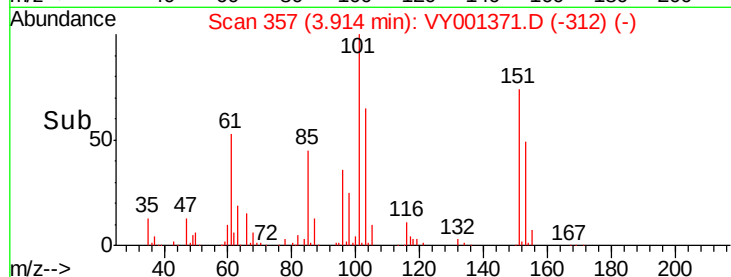
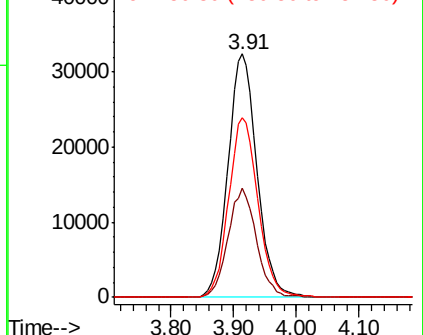
151 75.0 59.9 89.9



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: 50.206 ug/l

RT: 4.11 min Scan# 389

Delta R.T. -0.02 min

Lab File: VY001371.D

Acq: 24 Jan 2020 10:40

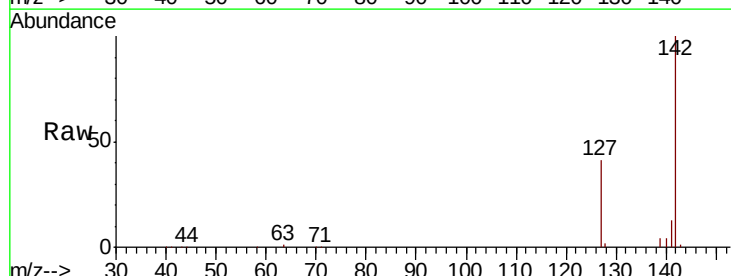
Tgt Ion:142 Resp: 129585

Ion Ratio Lower Upper

142 100

127 39.3 31.6 47.4

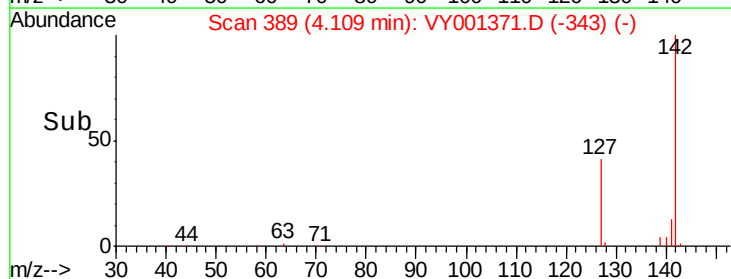
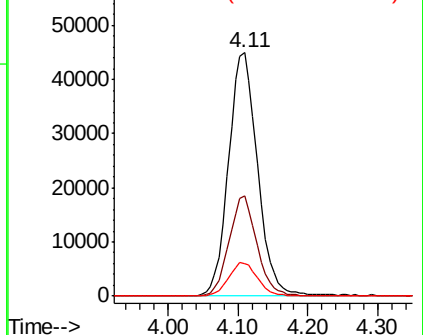
141 13.6 11.2 16.8

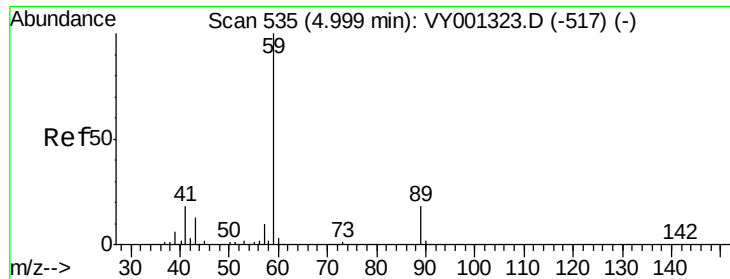


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

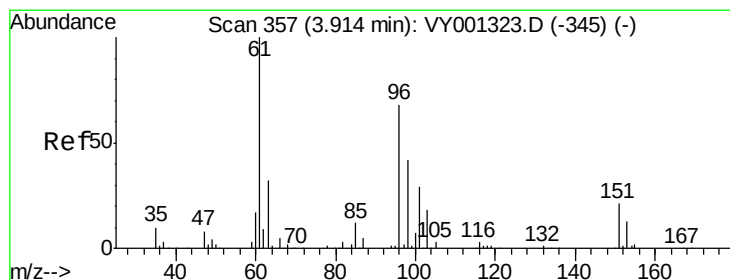
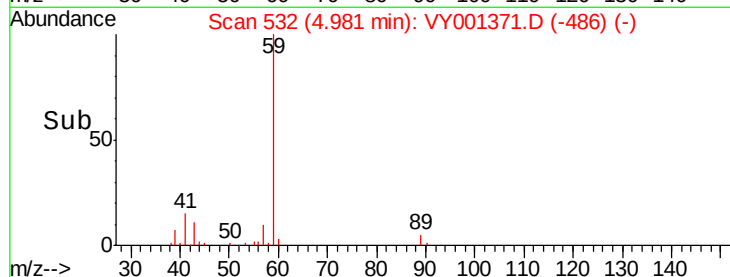
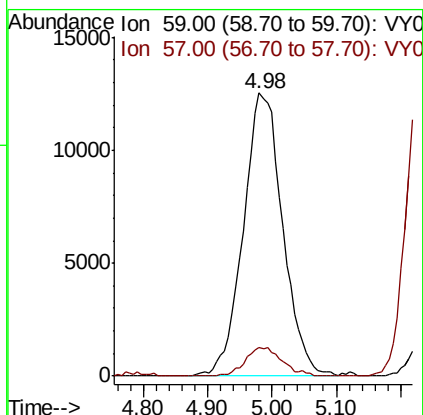
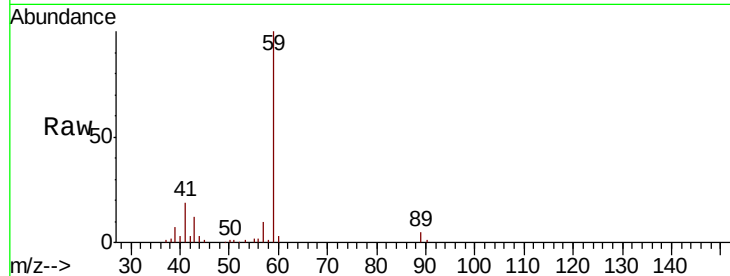




#11
Tert butyl alcohol
Concen: 195.910 ug/l
RT: 4.98 min Scan# 532
Delta R.T. -0.02 min
Lab File: VY001371.D
Acq: 24 Jan 2020 10:40

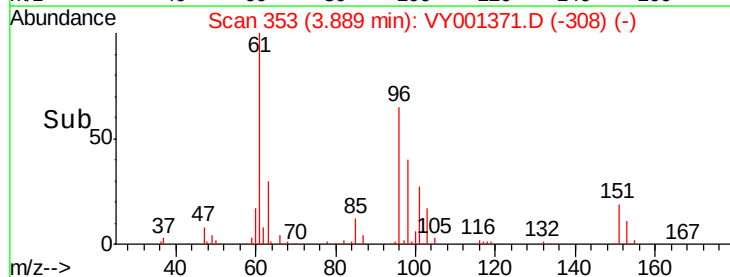
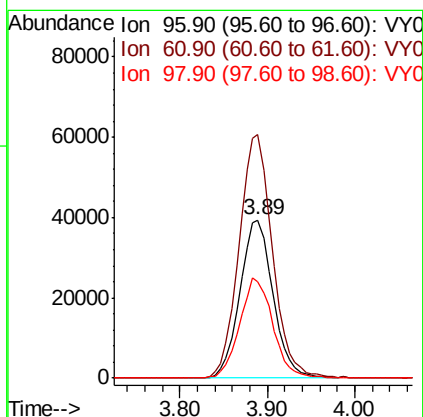
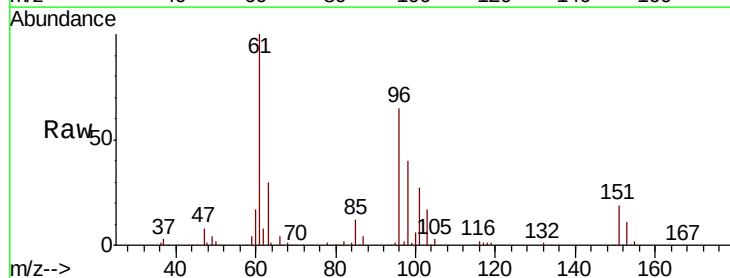
Instrument :
MSVOA_Y
ClientSampleId :

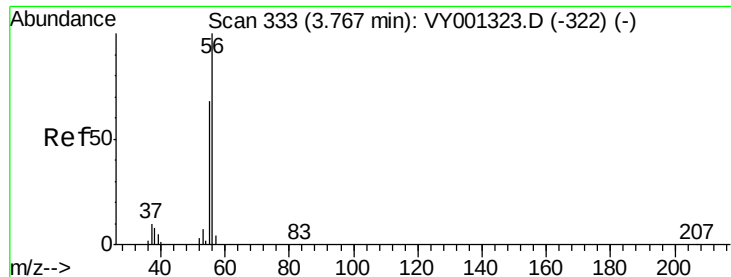
Tot Ion: 59 Resp: 52902
Ion Ratio Lower Upper
59 100
57 9.6 7.4 11.2



#12
1,1-Dichloroethene
Concen: 50.622 ug/l
RT: 3.89 min Scan# 353
Delta R.T. -0.02 min
Lab File: VY001371.D
Acq: 24 Jan 2020 10:40

Tgt Ion: 96 Resp: 103870
Ion Ratio Lower Upper
96 100
61 153.7 118.0 177.0
98 60.9 49.4 74.2





#13

Acrolein

Concen: 319.151 ug/l

RT: 3.74 min Scan# 329

Delta R.T. -0.02 min

Lab File: VY001371.D

Acq: 24 Jan 2020 10:40

Instrument :

MSVOA_Y

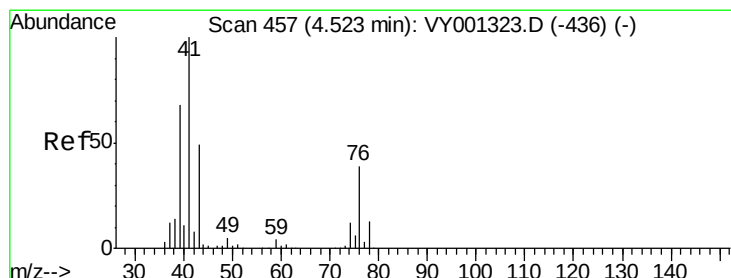
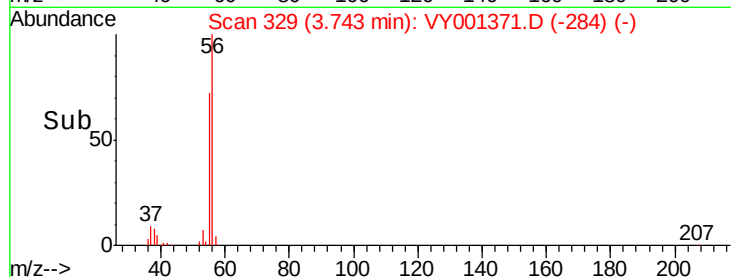
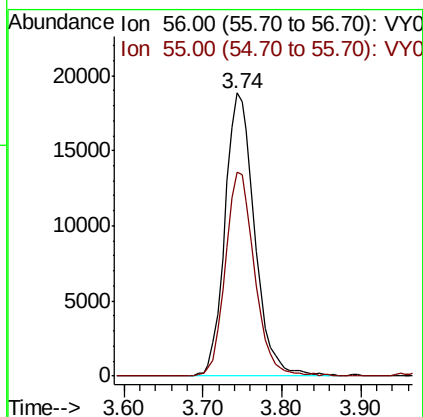
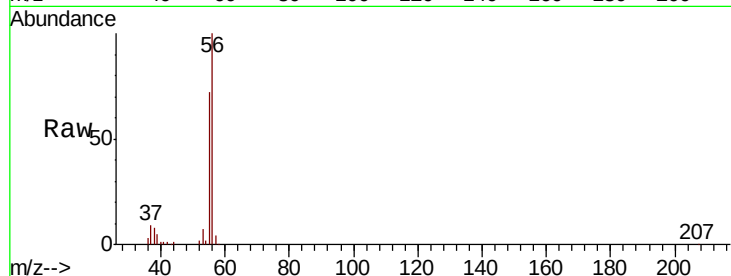
ClientSampleId :

Tot Ion: 56 Resp: 49221

Ion Ratio Lower Upper

56 100

55 71.1 55.9 83.9



#14

Allyl chloride

Concen: 50.353 ug/l

RT: 4.50 min Scan# 453

Delta R.T. -0.02 min

Lab File: VY001371.D

Acq: 24 Jan 2020 10:40

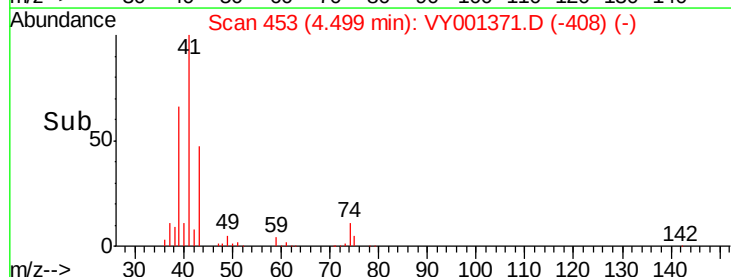
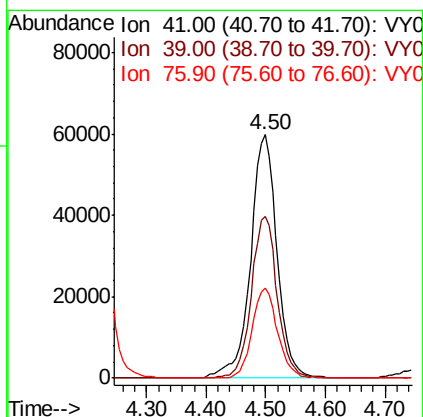
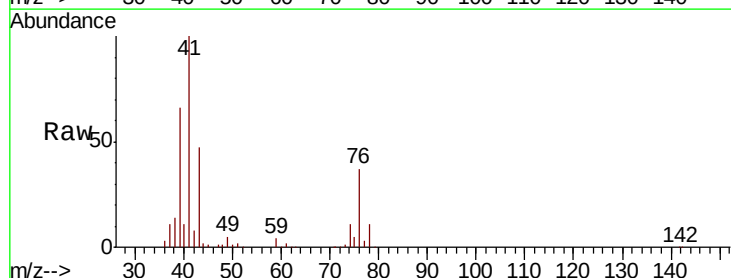
Tgt Ion: 41 Resp: 184247

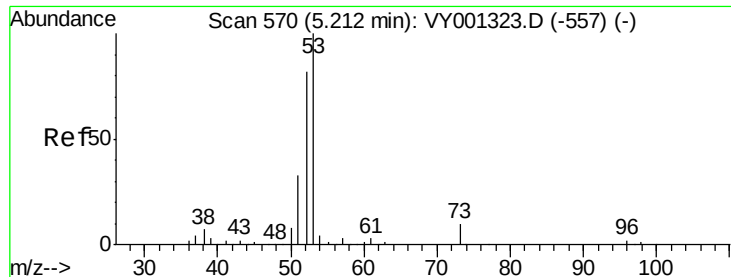
Ion Ratio Lower Upper

41 100

39 65.3 52.2 78.4

76 35.6 29.1 43.7





#15

Acrylonitrile

Concen: 246.754 ug/l

RT: 5.19 min Scan# 566

Delta R.T. -0.02 min

Lab File: VY001371.D

Acq: 24 Jan 2020 10:40

Instrument :

MSVOA_Y

ClientSampleId :

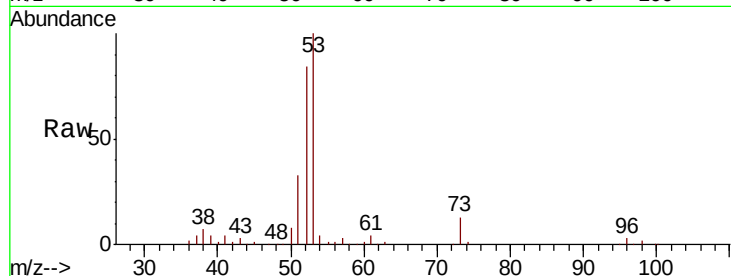
Tot Ion: 53 Resp: 163847

Ion Ratio Lower Upper

53 100

52 81.5 65.3 97.9

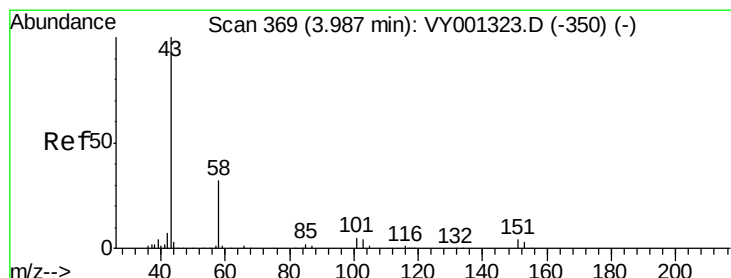
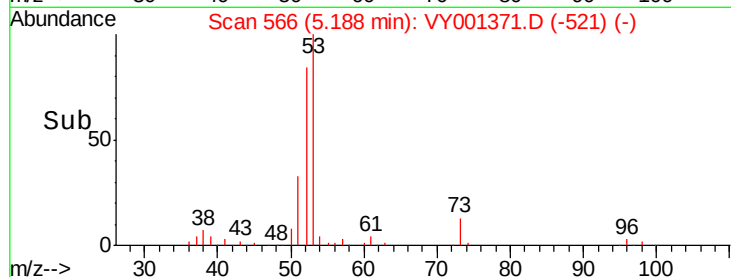
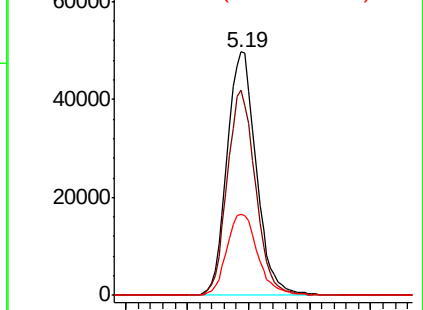
51 35.5 28.4 42.6



Abundance Ion 53.00 (52.70 to 53.70): VY0

Ion 52.00 (51.70 to 52.70): VY0

Ion 51.00 (50.70 to 51.70): VY0



#16

Acetone

Concen: 279.679 ug/l

RT: 3.96 min Scan# 365

Delta R.T. -0.02 min

Lab File: VY001371.D

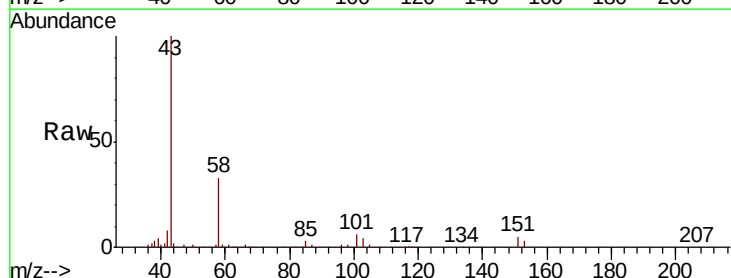
Acq: 24 Jan 2020 10:40

Tgt Ion: 43 Resp: 154432

Ion Ratio Lower Upper

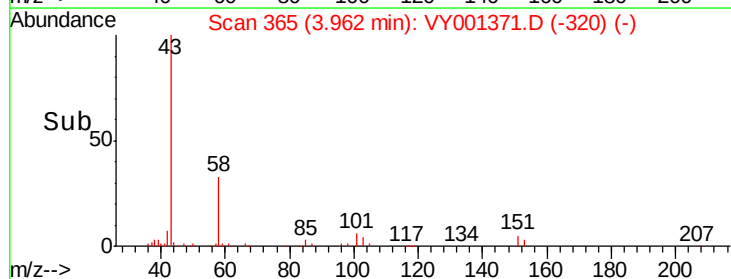
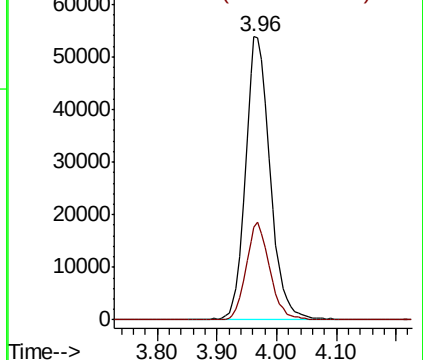
43 100

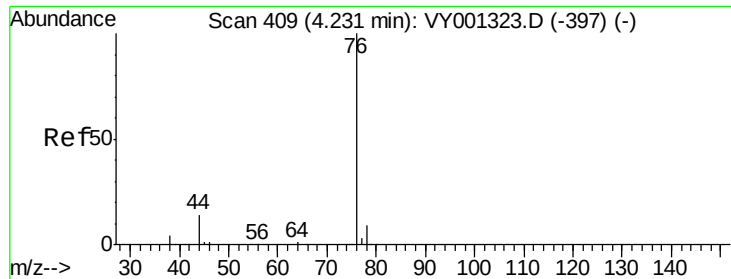
58 32.8 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0





#17

Carbon Disulfide

Concen: 49.012 ug/l

RT: 4.21 min Scan# 405

Delta R.T. -0.02 min

Lab File: VY001371.D

Acq: 24 Jan 2020 10:40

Instrument :

MSVOA_Y

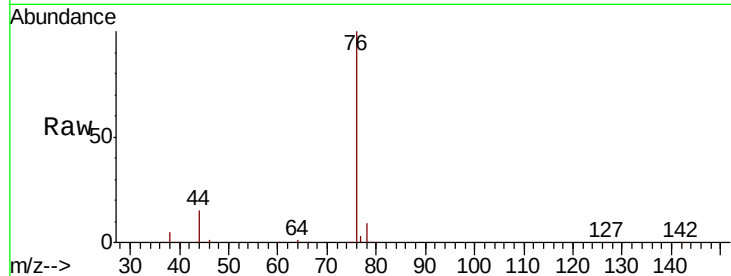
ClientSampleId :

Tot Ion: 76 Resp: 316284

Ion Ratio Lower Upper

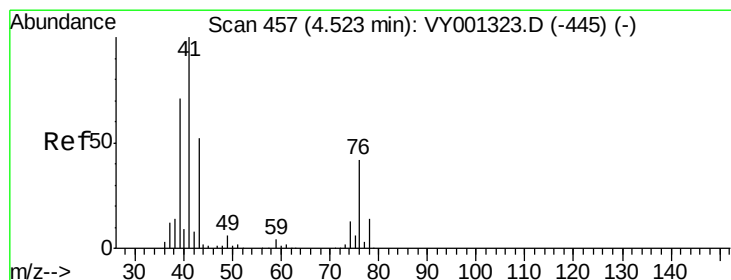
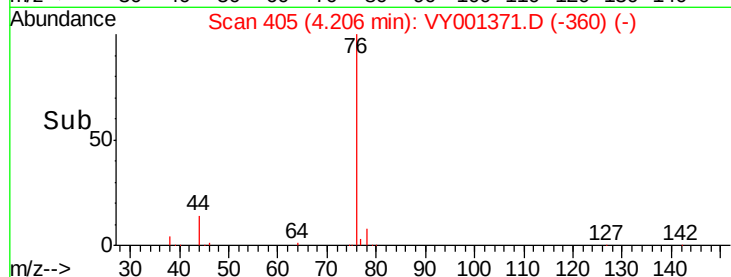
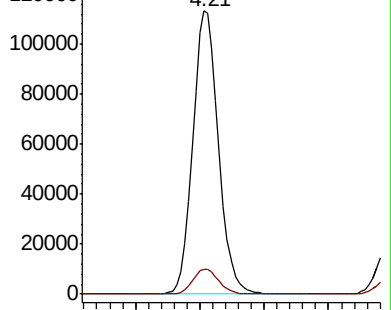
76 100

78 8.8 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 46.210 ug/l

RT: 4.50 min Scan# 453

Delta R.T. -0.02 min

Lab File: VY001371.D

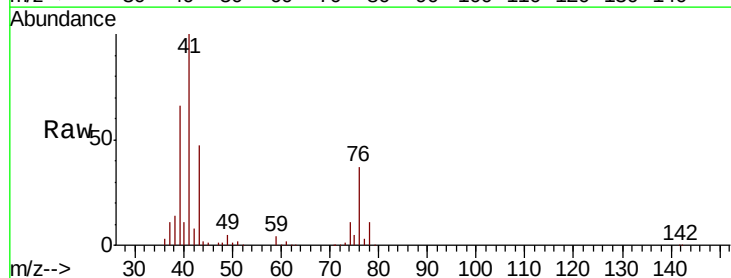
Acq: 24 Jan 2020 10:40

Tgt Ion: 43 Resp: 81946

Ion Ratio Lower Upper

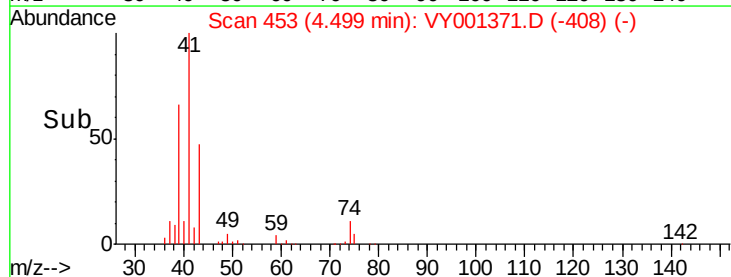
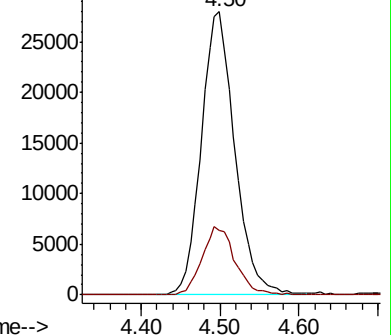
43 100

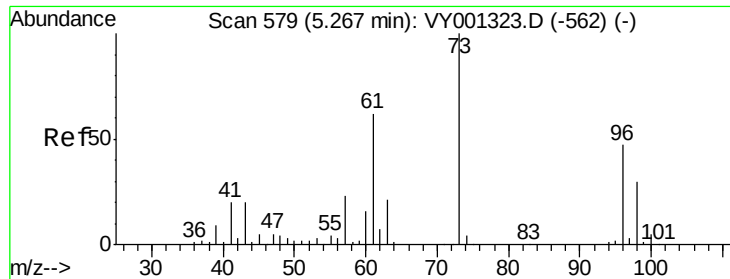
74 24.0 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0

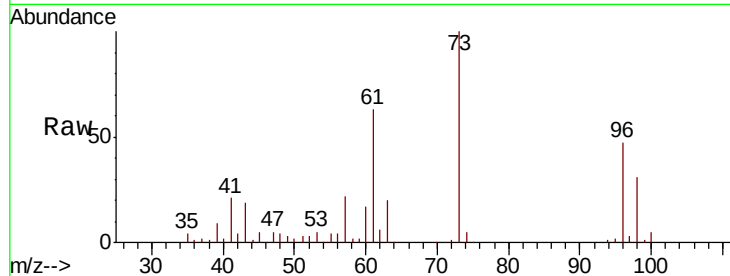




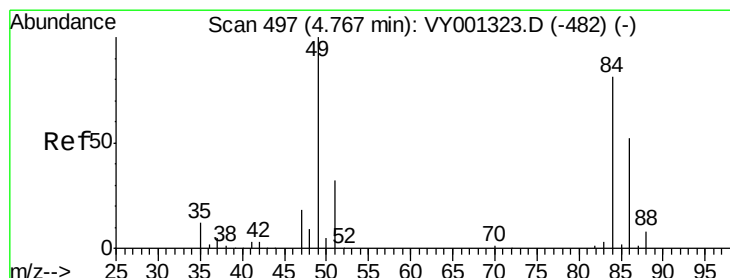
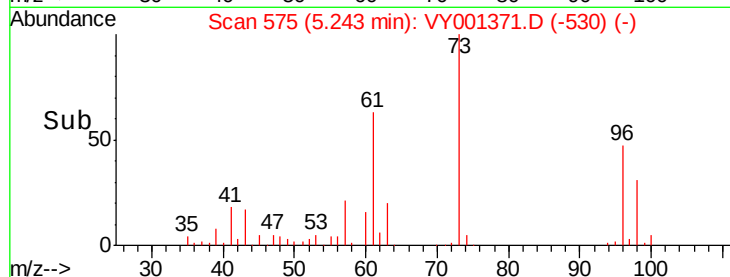
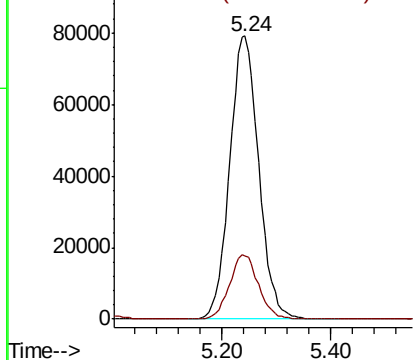
#19
Methyl tert-butyl Ether
Concen: 48.906 ug/l
RT: 5.24 min Scan# 575
Delta R.T. -0.02 min
Lab File: VY001371.D
Acq: 24 Jan 2020 10:40

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 73 Resp: 293820
Ion Ratio Lower Upper
73 100
57 22.2 18.2 27.2

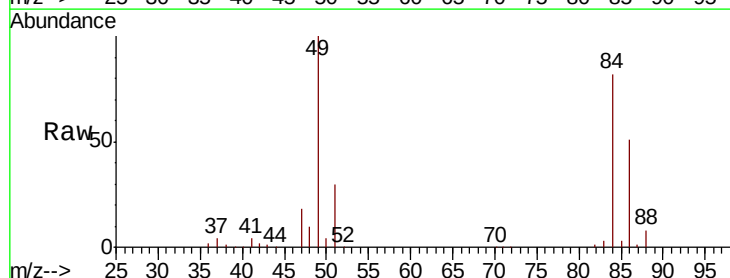


Abundance Ion 73.00 (72.70 to 73.70): VY0
Ion 57.00 (56.70 to 57.70): VY0

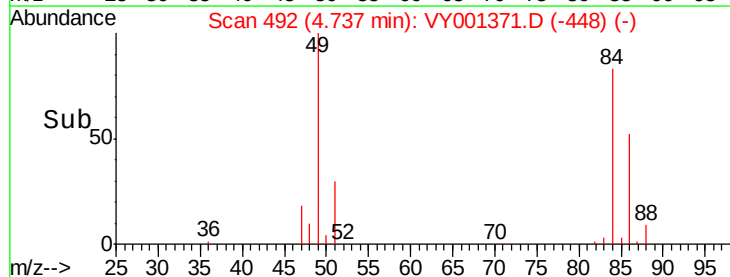
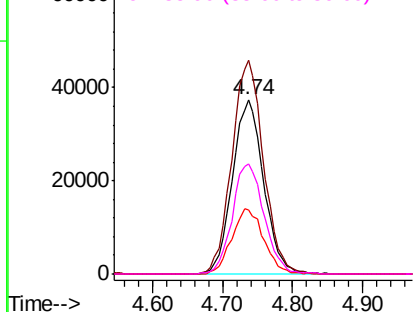


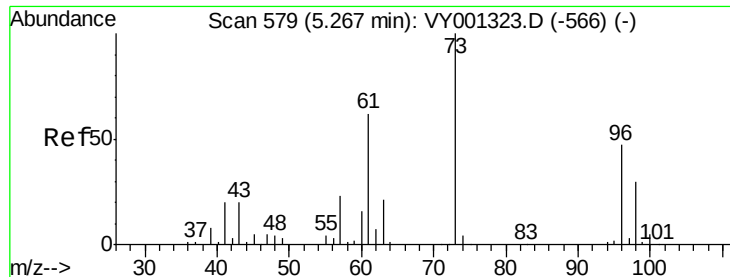
#20
Methylene Chloride
Concen: 44.199 ug/l
RT: 4.74 min Scan# 492
Delta R.T. -0.03 min
Lab File: VY001371.D
Acq: 24 Jan 2020 10:40

Tgt Ion: 84 Resp: 116052
Ion Ratio Lower Upper
84 100
49 122.6 98.3 147.5
51 36.8 31.6 47.4
86 63.1 51.1 76.7



Abundance Ion 83.90 (83.60 to 84.60): VY0
Ion 48.90 (48.60 to 49.60): VY0
Ion 50.90 (50.60 to 51.60): VY0
Ion 85.90 (85.60 to 86.60): VY0





#21

trans-1,2-Dichloroethene

Concen: 49.005 ug/l

RT: 5.24 min Scan# 574

Delta R.T. -0.03 min

Lab File: VY001371.D

Acq: 24 Jan 2020 10:40

Instrument :

MSVOA_Y

ClientSampled :

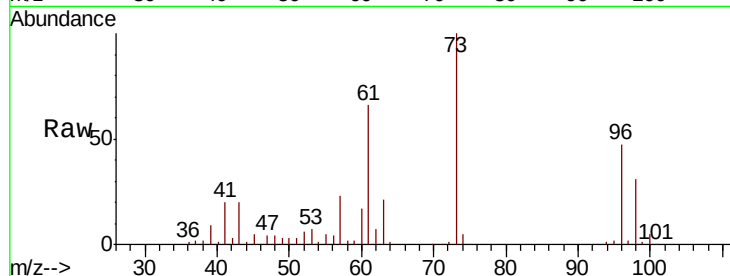
Tot Ion: 96 Resp: 116800

Ion Ratio Lower Upper

96 100

61 139.5 106.8 160.2

98 64.7 51.0 76.6

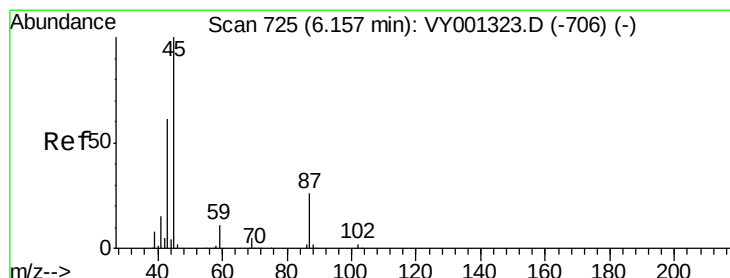
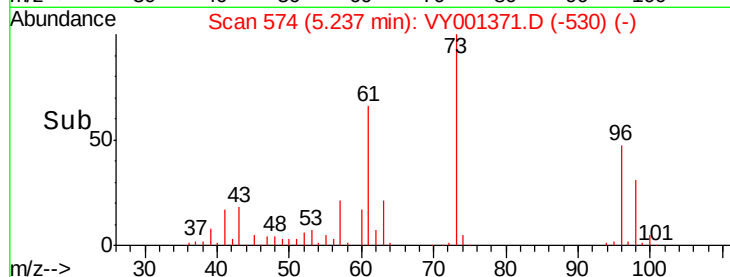
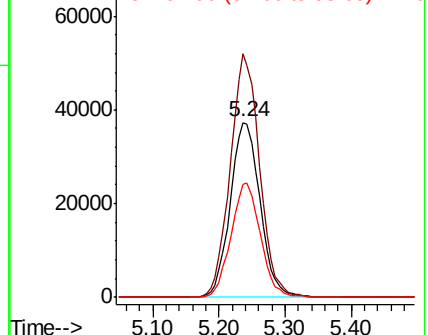


Abundance

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: 49.336 ug/l

RT: 6.14 min Scan# 722

Delta R.T. -0.02 min

Lab File: VY001371.D

Acq: 24 Jan 2020 10:40

Tgt Ion: 45 Resp: 383346

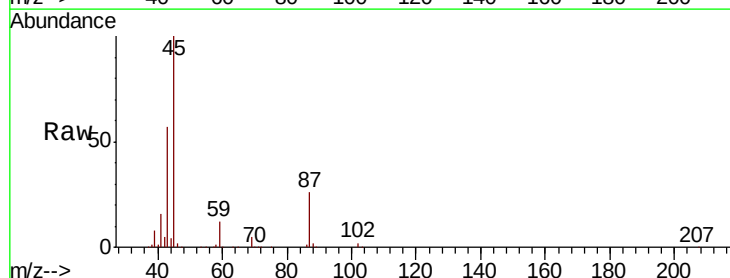
Ion Ratio Lower Upper

45 100

43 57.1 49.2 73.8

87 26.0 21.4 32.2

59 11.9 9.3 13.9



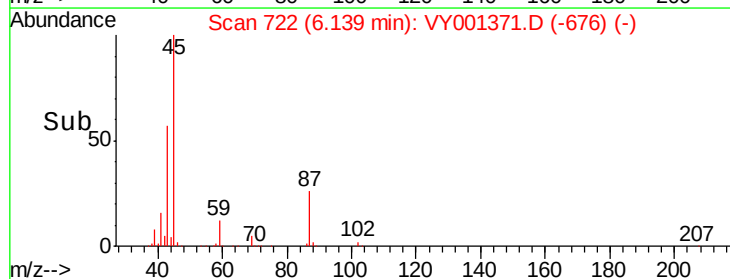
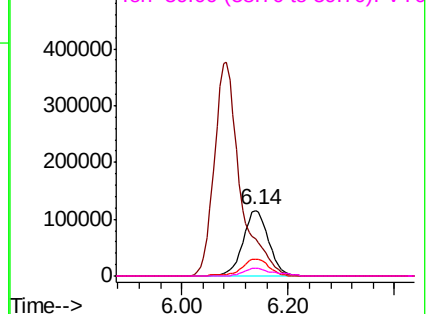
Abundance

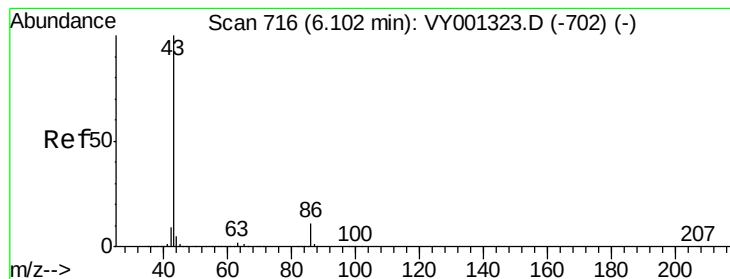
Ion 45.00 (44.70 to 45.70): VY0

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: 251.105 ug/l

RT: 6.08 min Scan# 713

Delta R.T. -0.02 min

Lab File: VY001371.D

Acq: 24 Jan 2020 10:40

Instrument :

MSVOA_Y

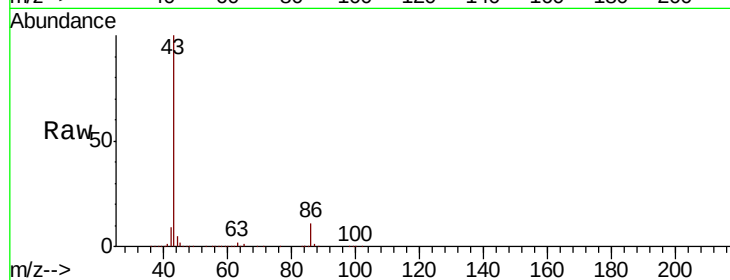
ClientSampleId :

Tot Ion: 43 Resp: 1266675

Ion Ratio Lower Upper

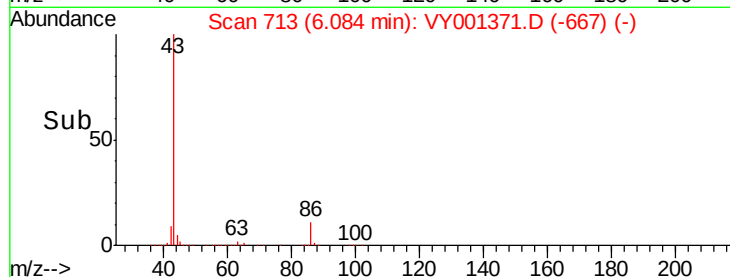
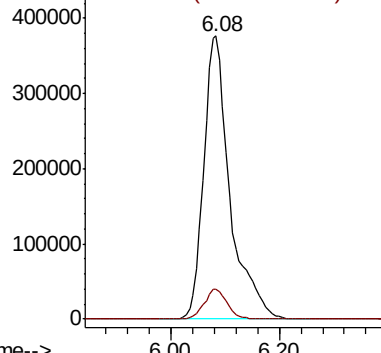
43 100

86 10.6 8.6 13.0

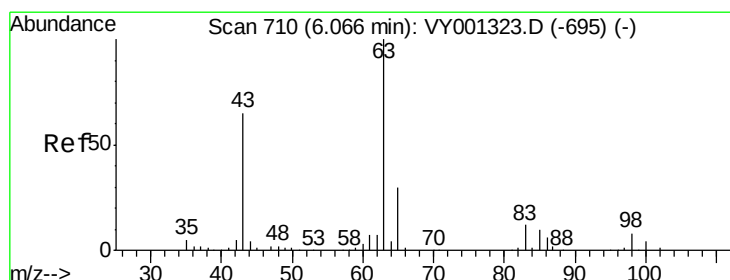


Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



Time-->



#24

1,1-Dichloroethane

Concen: 49.497 ug/l

RT: 6.04 min Scan# 706

Delta R.T. -0.02 min

Lab File: VY001371.D

Acq: 24 Jan 2020 10:40

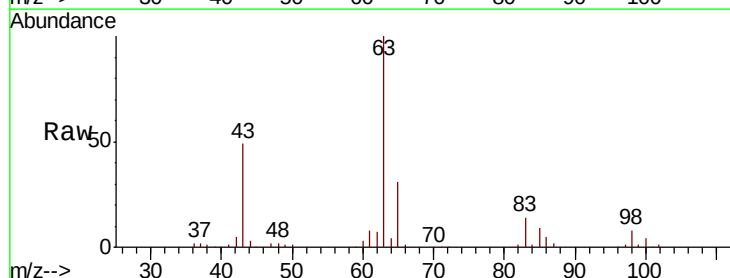
Tgt Ion: 63 Resp: 202719

Ion Ratio Lower Upper

63 100

98 7.7 4.0 12.0

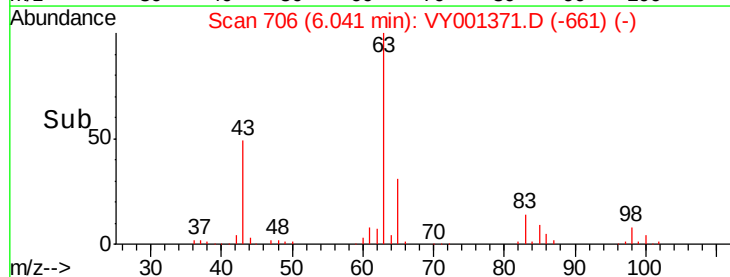
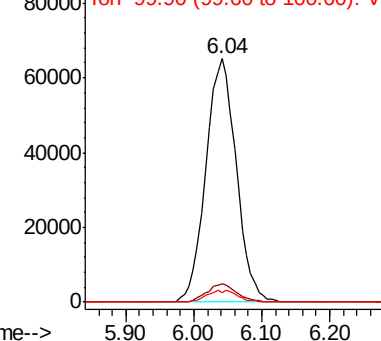
100 3.8 2.1 6.3



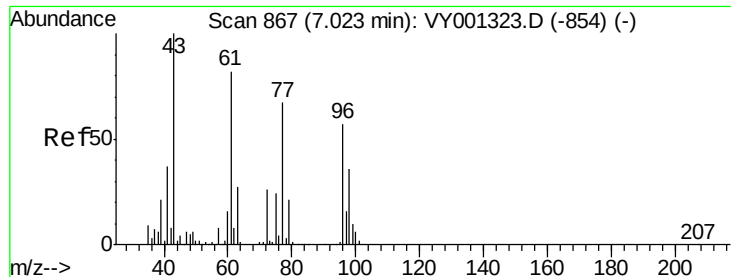
Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0



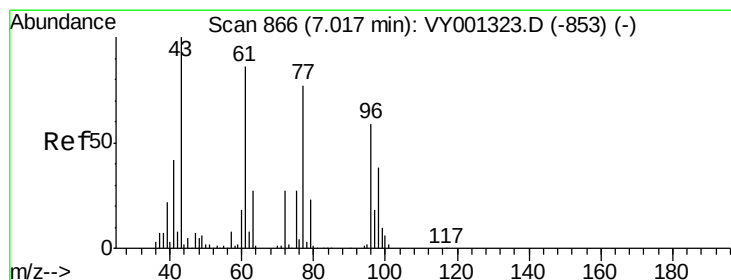
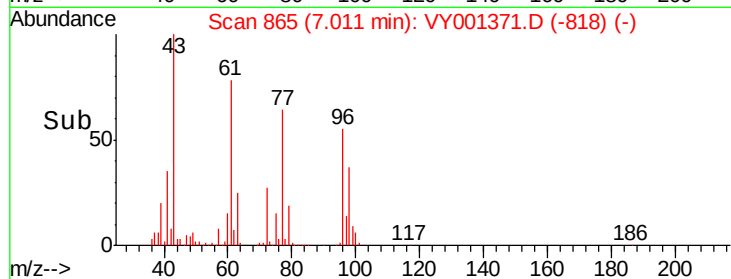
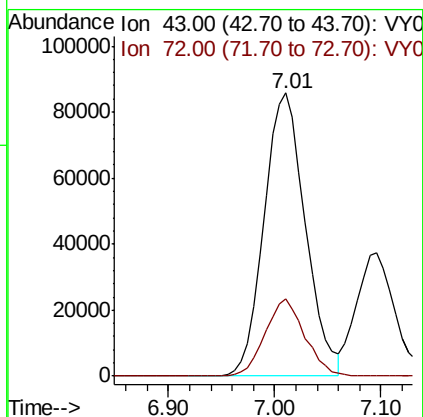
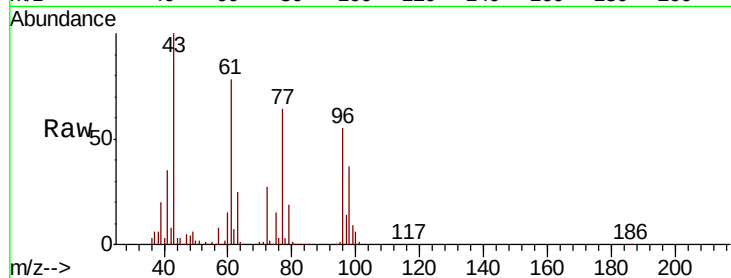
Time-->



#25
2-Butanone
Concen: 253.062 ug/l
RT: 7.01 min Scan# 865
Delta R.T. -0.01 min
Lab File: VY001371.D
Acq: 24 Jan 2020 10:40

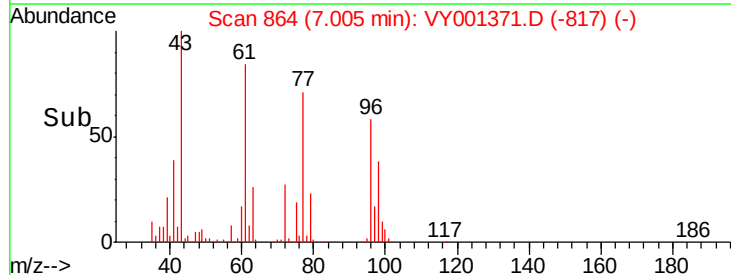
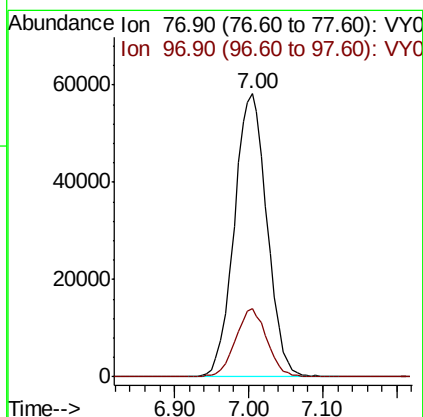
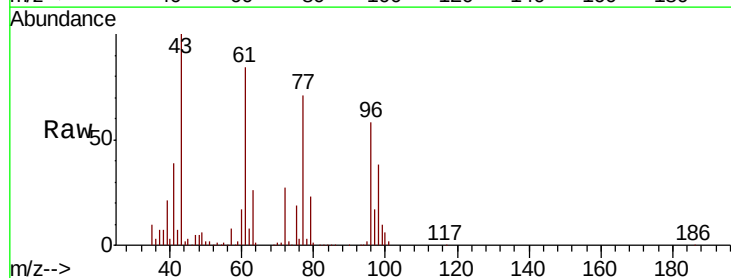
Instrument :
MSVOA_Y
ClientSampleId :

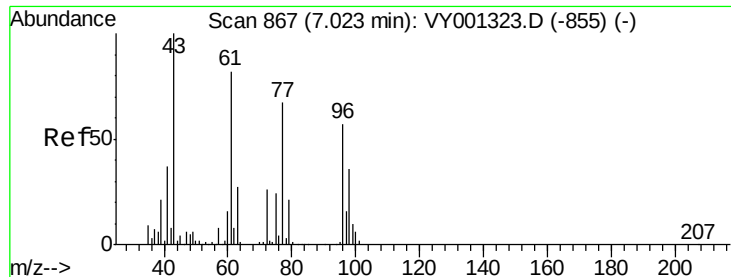
Tot Ion: 43 Resp: 231624
Ion Ratio Lower Upper
43 100
72 27.3 20.6 31.0



#26
2,2-Dichloropropane
Concen: 49.086 ug/l
RT: 7.00 min Scan# 864
Delta R.T. -0.01 min
Lab File: VY001371.D
Acq: 24 Jan 2020 10:40

Tgt Ion: 77 Resp: 179074
Ion Ratio Lower Upper
77 100
97 23.1 11.9 35.5



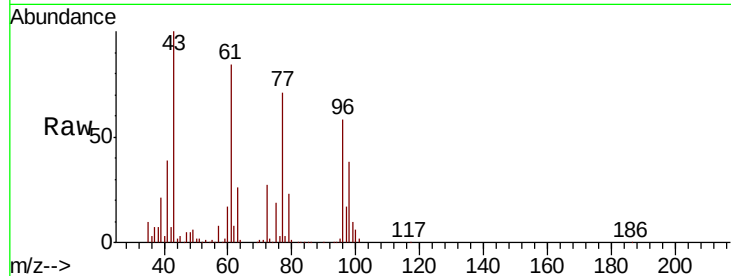


#27

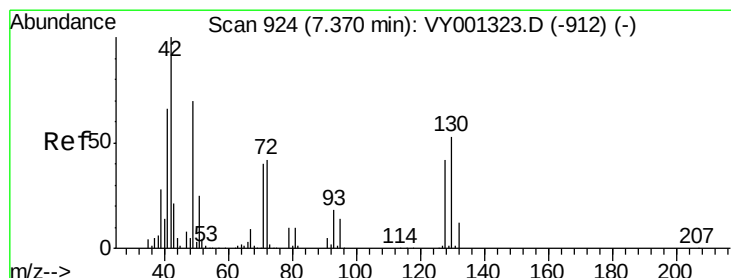
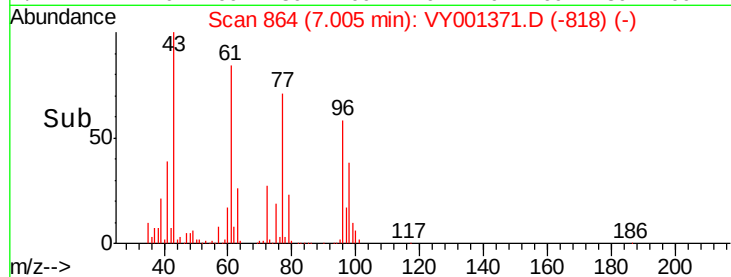
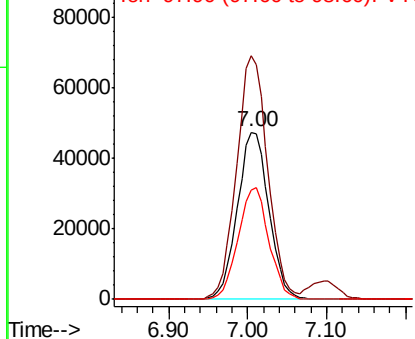
cis-1,2-Dichloroethene
 Concen: 49.423 ug/l
 RT: 7.00 min Scan# 864
 Delta R.T. -0.02 min
 Lab File: VY001371.D
 Acq: 24 Jan 2020 10:40

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion: 96 Resp: 131648
 Ion Ratio Lower Upper
 96 100
 61 144.5 0.0 284.8
 98 65.4 0.0 128.4



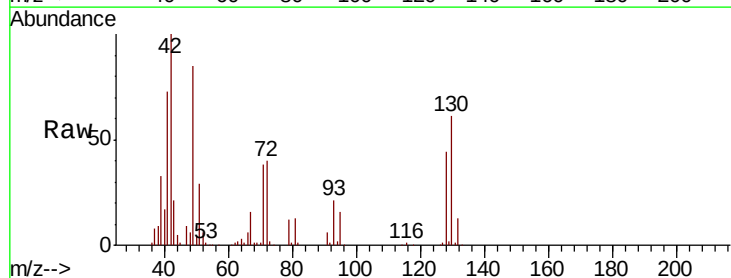
Abundance Ion 95.90 (95.60 to 96.60): VY0
 Ion 60.90 (60.60 to 61.60): VY0
 Ion 97.90 (97.60 to 98.60): VY0



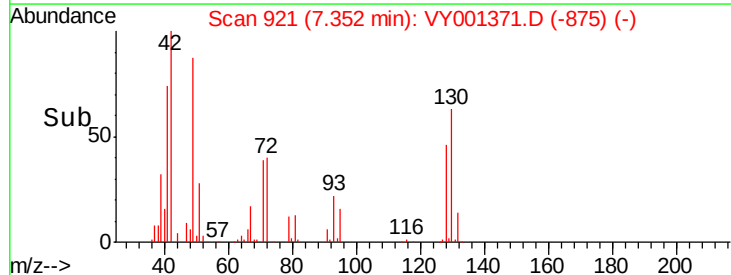
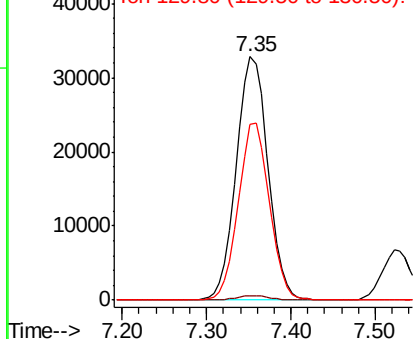
#28

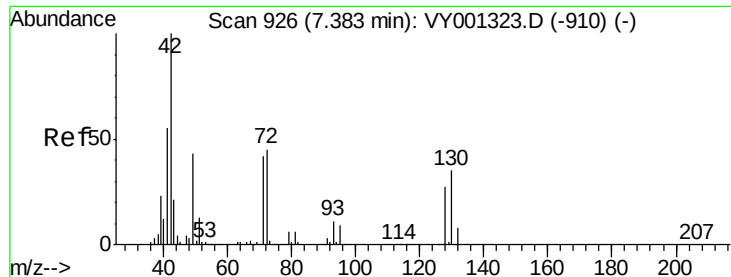
Bromochloromethane
 Concen: 49.512 ug/l
 RT: 7.35 min Scan# 921
 Delta R.T. -0.02 min
 Lab File: VY001371.D
 Acq: 24 Jan 2020 10:40

Tgt Ion: 49 Resp: 83627
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.0
 130 71.1 58.9 88.3



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





#29

Tetrahydrofuran

Concen: 244.775 ug/l

RT: 7.36 min Scan# 923

Delta R.T. -0.02 min

Lab File: VY001371.D

Acq: 24 Jan 2020 10:40

Instrument :

MSVOA_Y

ClientSampleId :

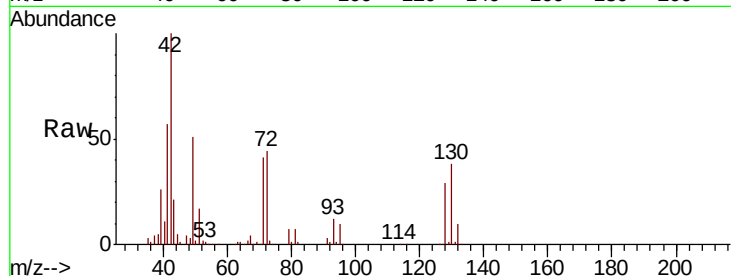
Tot Ion: 42 Resp: 145757

Ion Ratio Lower Upper

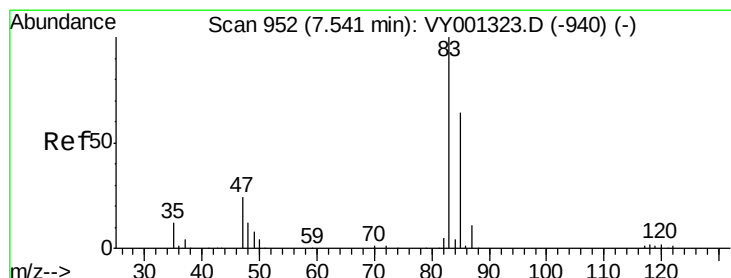
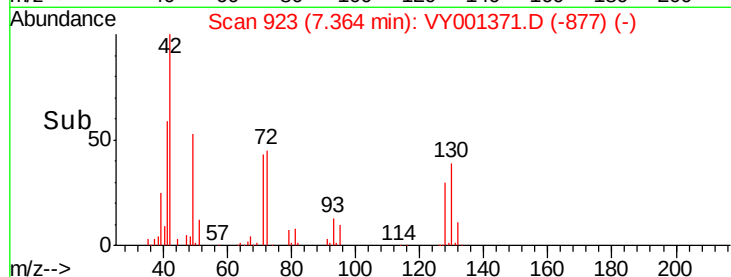
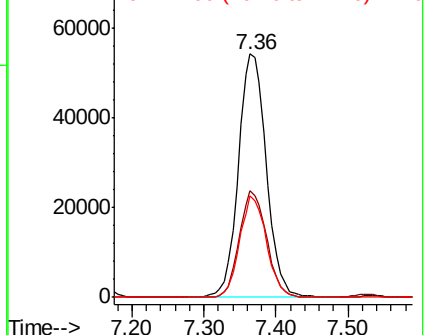
42 100

72 42.5 34.6 51.8

71 39.8 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: 49.419 ug/l

RT: 7.53 min Scan# 950

Delta R.T. -0.01 min

Lab File: VY001371.D

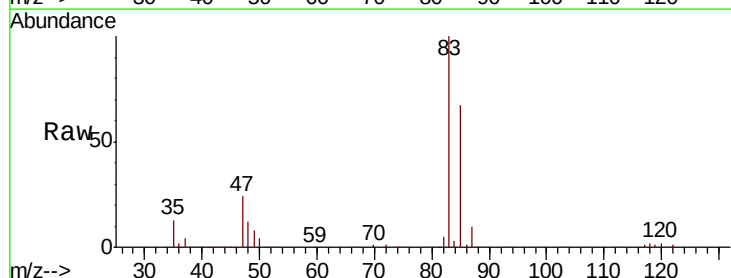
Acq: 24 Jan 2020 10:40

Tgt Ion: 83 Resp: 198388

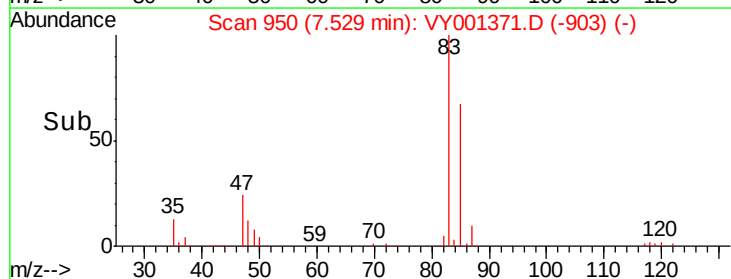
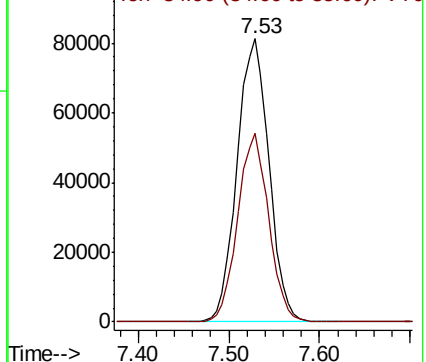
Ion Ratio Lower Upper

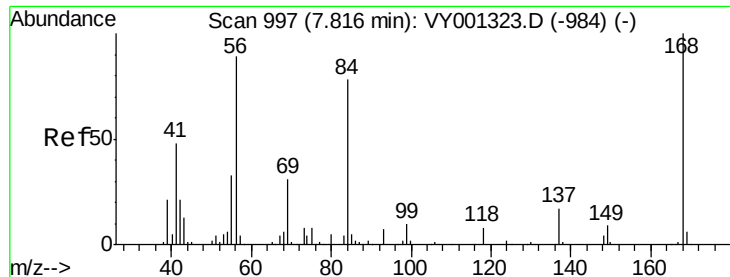
83 100

85 66.9 51.5 77.3



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

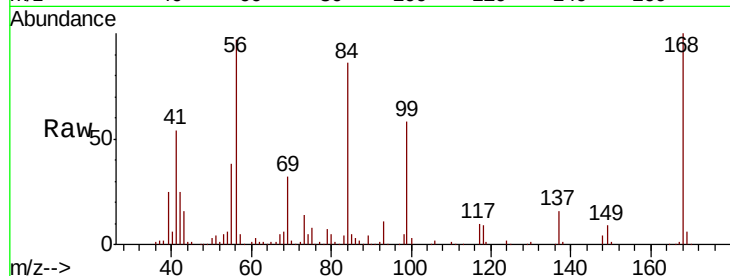




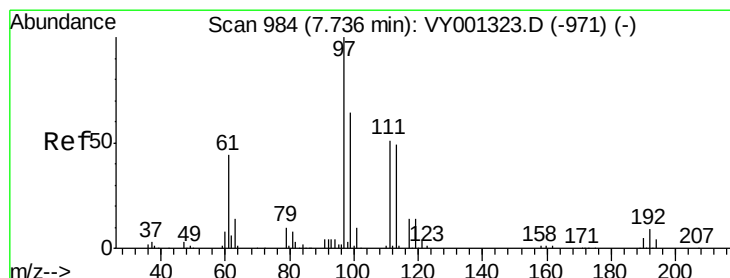
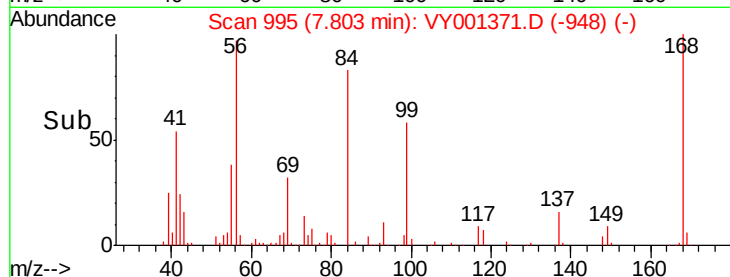
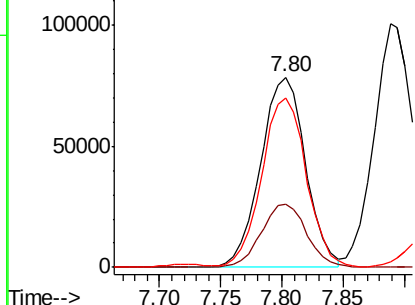
#31
Cyclohexane
Concen: 49.372 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.01 min
Lab File: VY001371.D
Acq: 24 Jan 2020 10:40

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 56 Resp: 200766
Ion Ratio Lower Upper
56 100
69 33.3 27.6 41.4
84 87.5 69.7 104.5

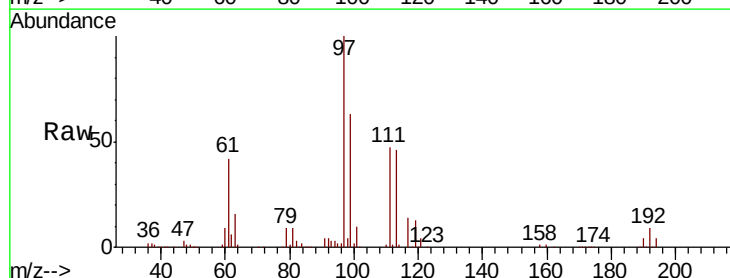


Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0

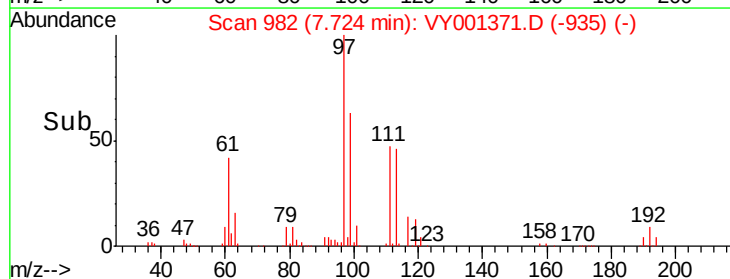
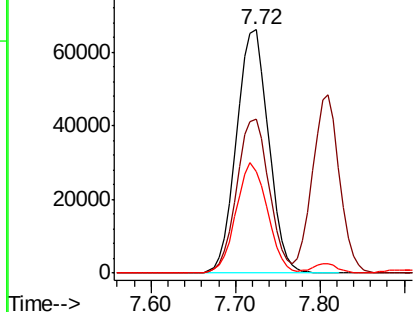


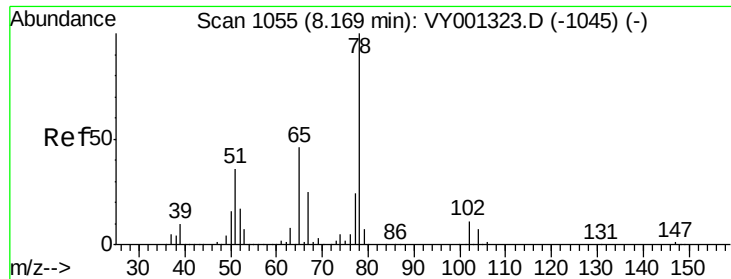
#32
1,1,1-Trichloroethane
Concen: 50.140 ug/l
RT: 7.72 min Scan# 982
Delta R.T. -0.01 min
Lab File: VY001371.D
Acq: 24 Jan 2020 10:40

Tgt Ion: 97 Resp: 169955
Ion Ratio Lower Upper
97 100
99 64.1 51.3 76.9
61 44.4 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

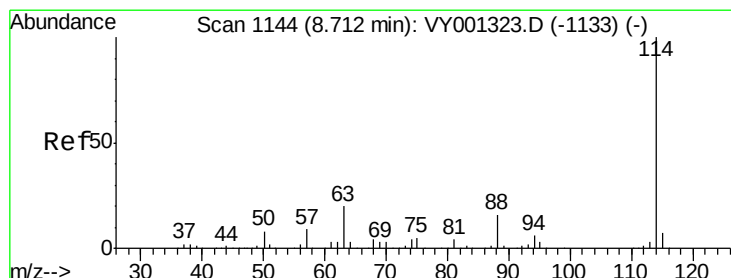
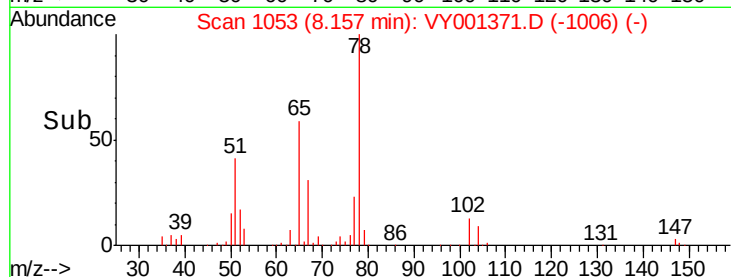
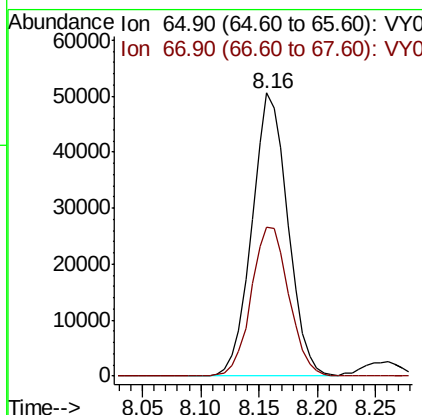
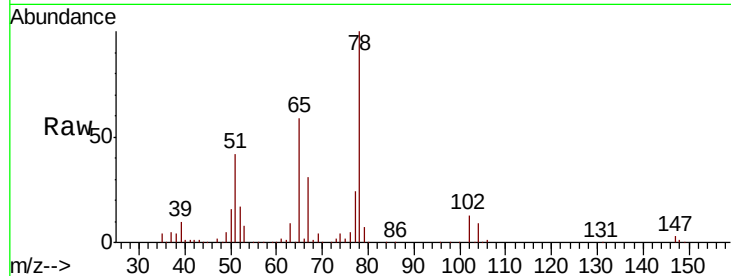




#33
 1,2-Dichloroethane-d4
 Concen: 51.354 ug/l
 RT: 8.16 min Scan# 1053
 Delta R.T. -0.01 min
 Lab File: VY001371.D
 Acq: 24 Jan 2020 10:40

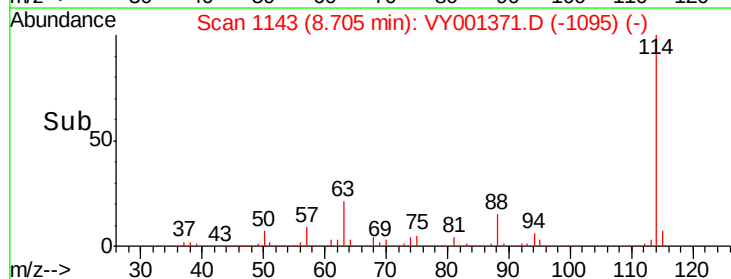
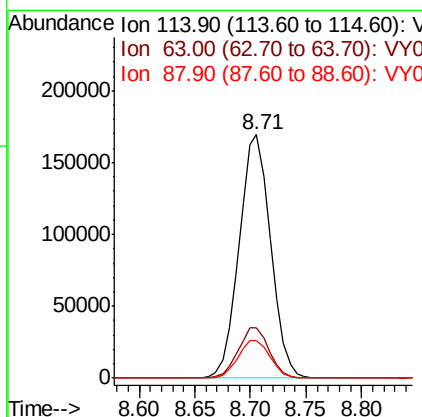
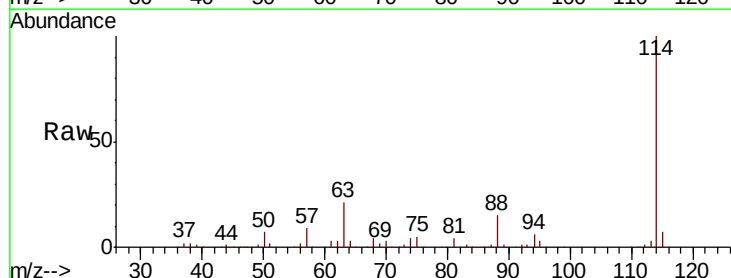
Instrument :
 MSVOA_Y
 ClientSampled :

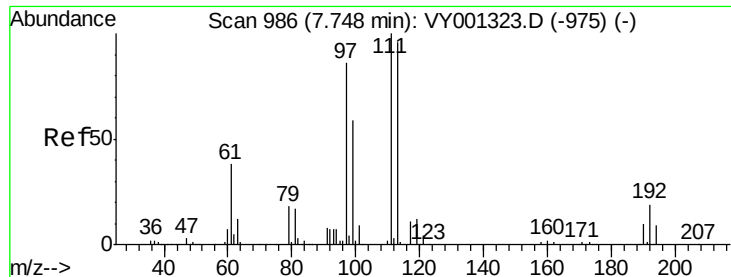
Tot Ion: 65 Resp: 107990
 Ion Ratio Lower Upper
 65 100
 67 55.2 0.0 108.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. -0.01 min
 Lab File: VY001371.D
 Acq: 24 Jan 2020 10:40

Tgt Ion: 114 Resp: 332737
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 40.8
 88 15.4 0.0 31.0





#35

Dibromofluoromethane

Concen: 52.141 ug/l

RT: 7.74 min Scan# 984

Delta R.T. -0.01 min

Lab File: VY001371.D

Acq: 24 Jan 2020 10:40

Instrument :
MSVOA_Y
ClientSampleId :

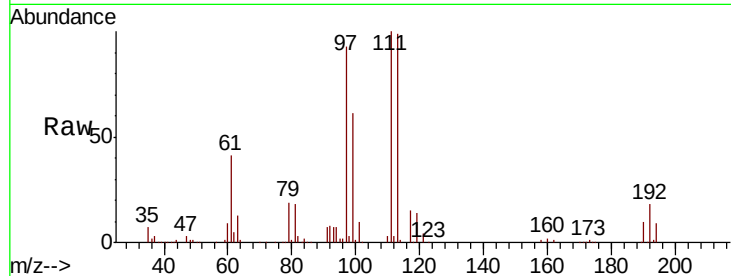
Tot Ion:113 Resp: 101825

Ion Ratio Lower Upper

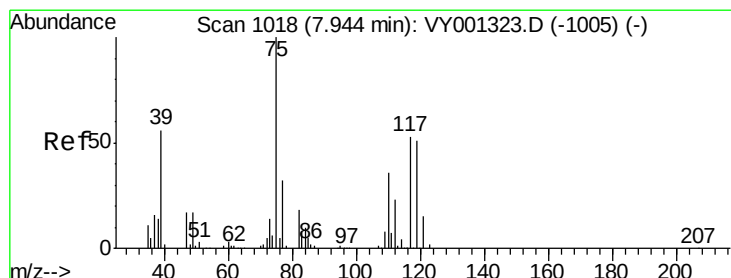
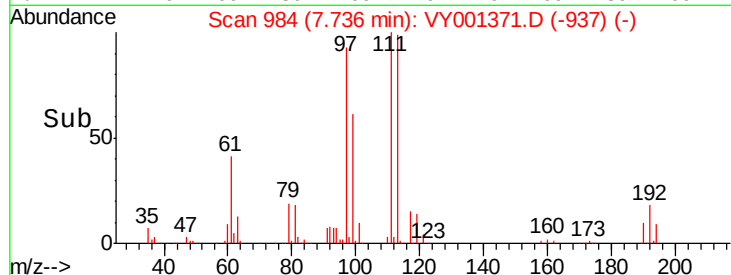
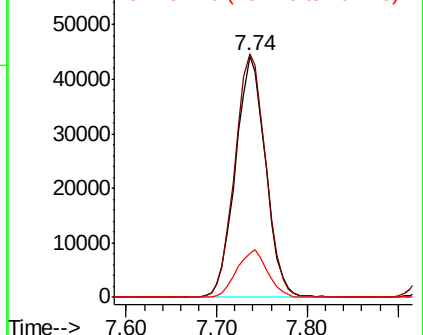
113 100

111 103.5 82.8 124.2

192 19.8 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: 51.715 ug/l

RT: 7.94 min Scan# 1017

Delta R.T. -0.01 min

Lab File: VY001371.D

Acq: 24 Jan 2020 10:40

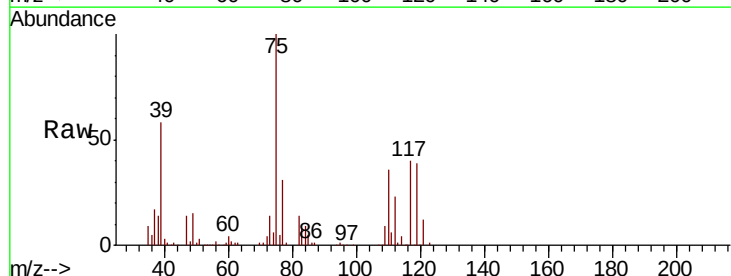
Tgt Ion: 75 Resp: 162567

Ion Ratio Lower Upper

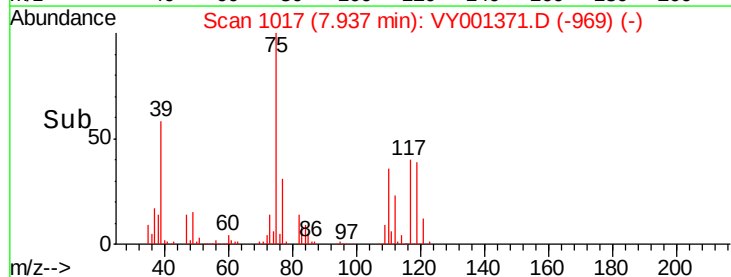
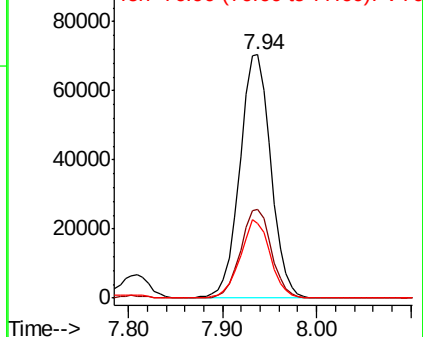
75 100

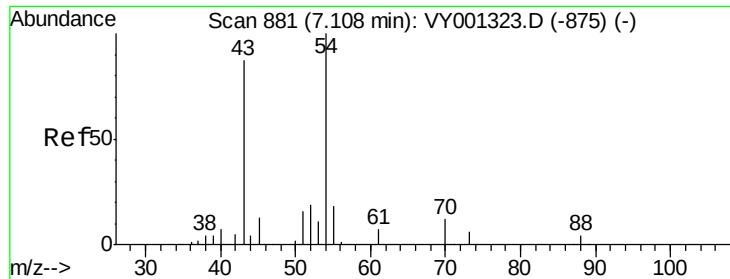
110 36.3 17.6 52.8

77 31.1 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

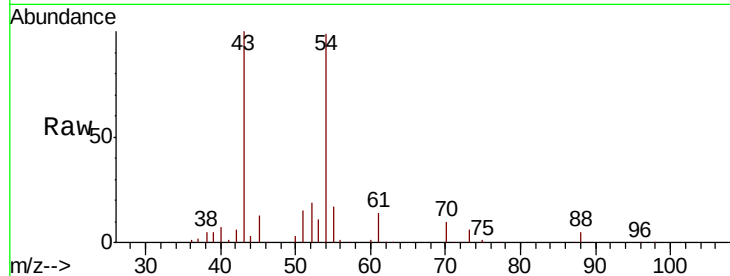




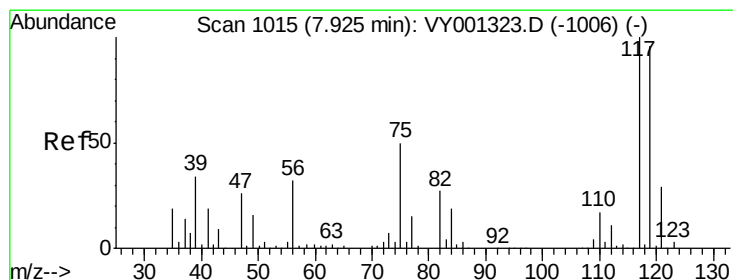
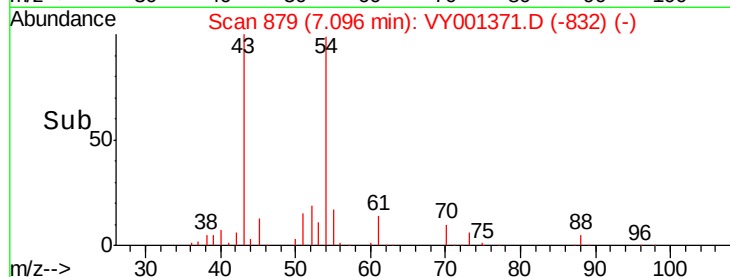
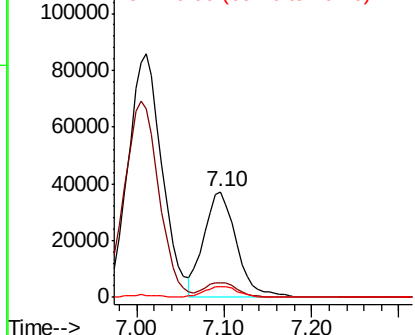
#37
Ethyl Acetate
Concen: 50.149 ug/l
RT: 7.10 min Scan# 879
Delta R.T. -0.01 min
Lab File: VY001371.D
Acq: 24 Jan 2020 10:40

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 43 Resp: 96316
Ion Ratio Lower Upper
43 100
61 13.9 11.3 16.9
70 10.9 8.7 13.1

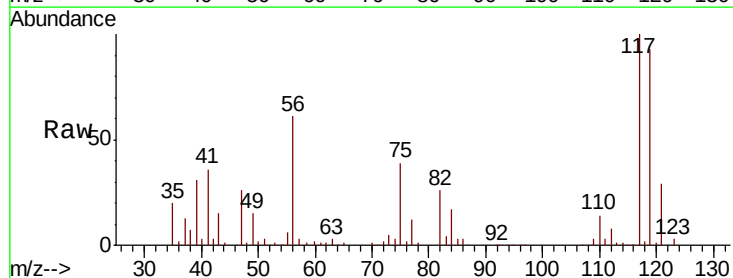


Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 70.00 (69.70 to 70.70): VY0

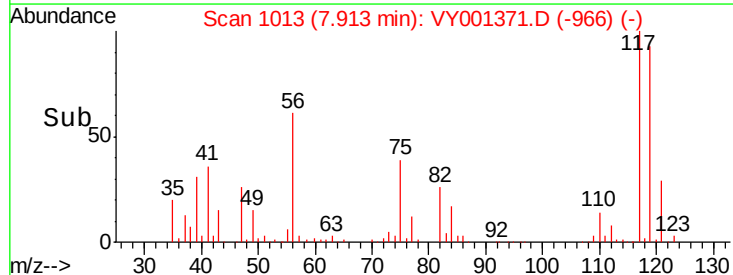
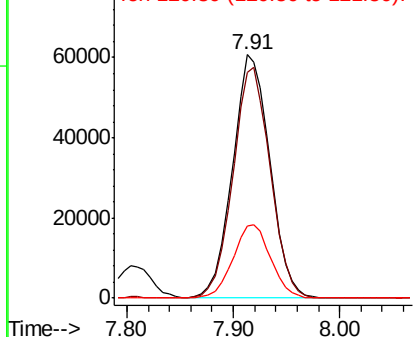


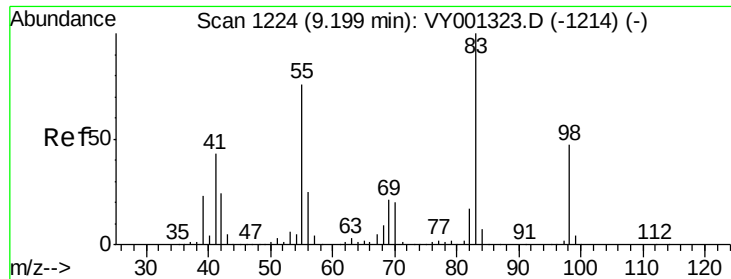
#38
Carbon Tetrachloride
Concen: 53.257 ug/l
RT: 7.91 min Scan# 1013
Delta R.T. -0.01 min
Lab File: VY001371.D
Acq: 24 Jan 2020 10:40

Tgt Ion: 117 Resp: 149205
Ion Ratio Lower Upper
117 100
119 92.7 76.3 114.5
121 29.5 23.5 35.3



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

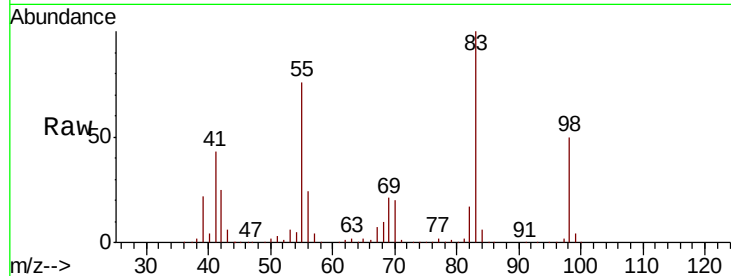




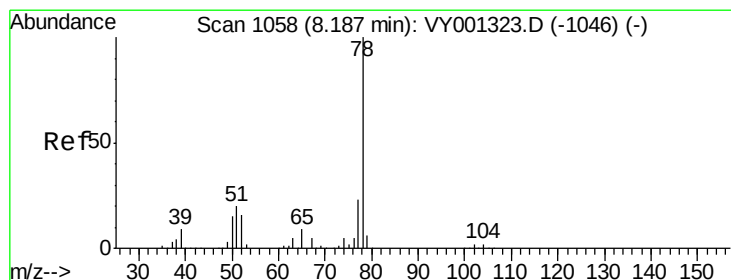
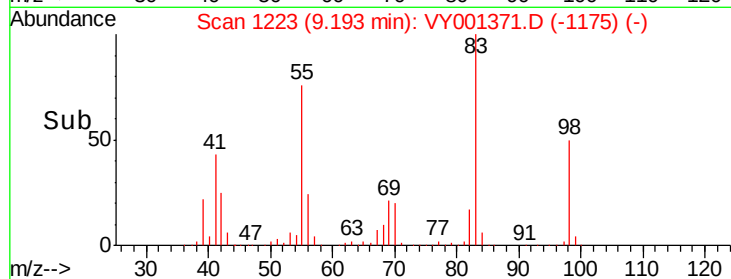
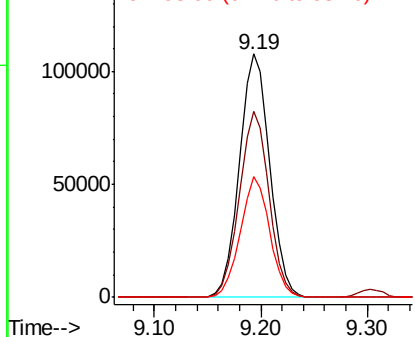
#39
Methylvlcyclohexane
Concen: 53.456 ug/l
RT: 9.19 min Scan# 1223
Delta R.T. -0.01 min
Lab File: VY001371.D
Acq: 24 Jan 2020 10:40

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 83 Resp: 215266
Ion Ratio Lower Upper
83 100
55 76.3 60.7 91.1
98 49.6 37.8 56.8

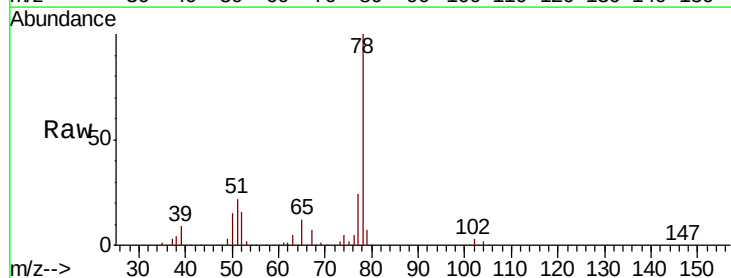


Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

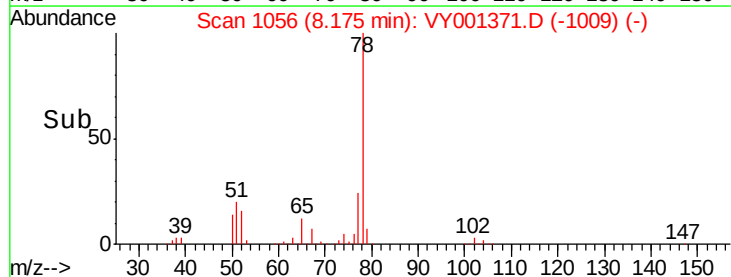
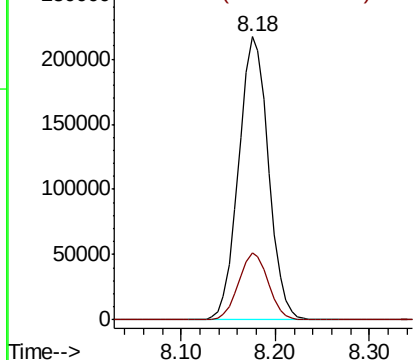


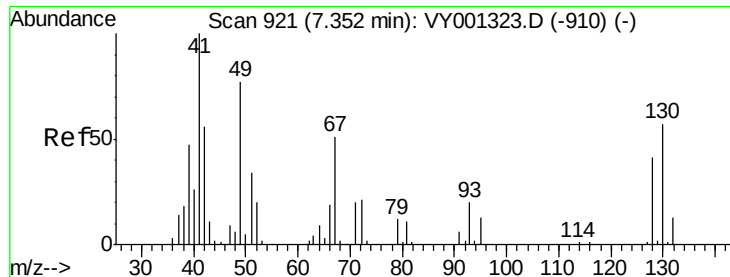
#40
Benzene
Concen: 50.948 ug/l
RT: 8.18 min Scan# 1056
Delta R.T. -0.01 min
Lab File: VY001371.D
Acq: 24 Jan 2020 10:40

Tgt Ion: 78 Resp: 480213
Ion Ratio Lower Upper
78 100
77 23.9 18.6 27.8



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

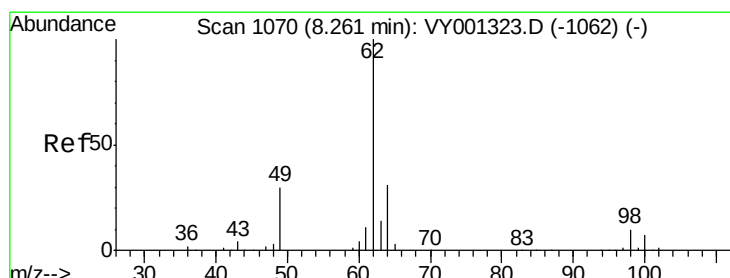
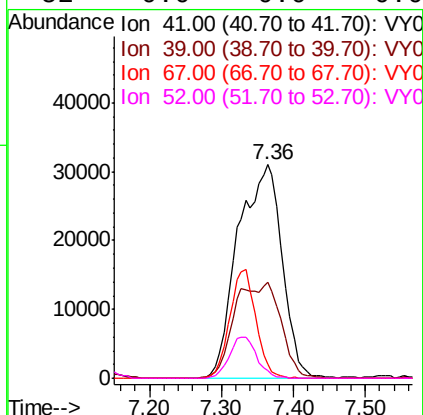
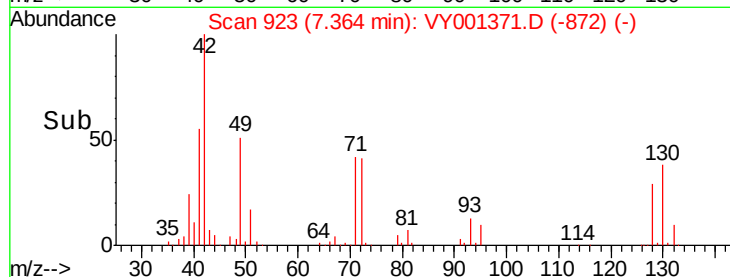
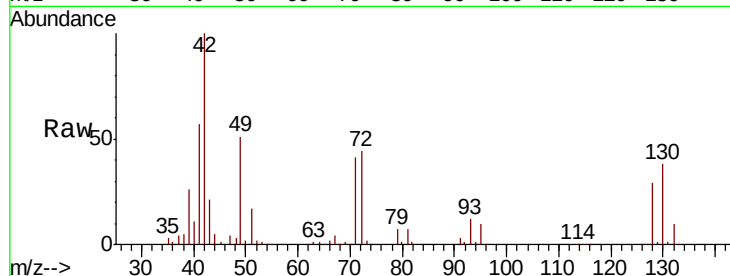




#41
Methacrylonitrile
Concen: 132.641 ug/l
RT: 7.36 min Scan# 923
Delta R.T. 0.01 min
Lab File: VY001371.D
Acq: 24 Jan 2020 10:40

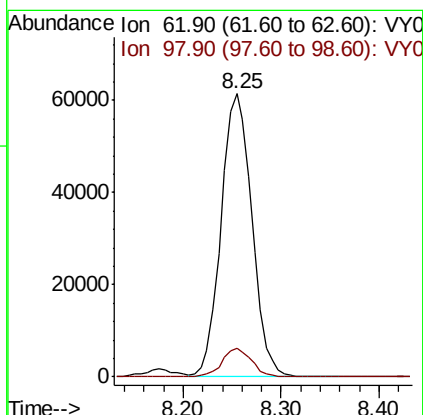
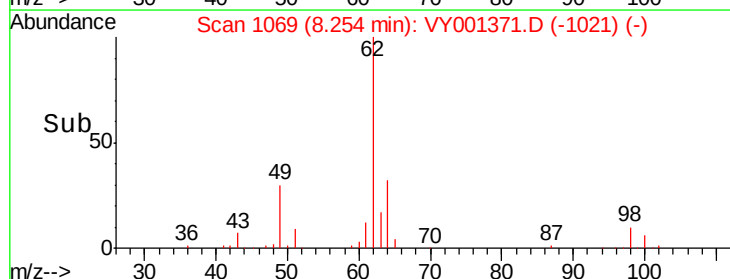
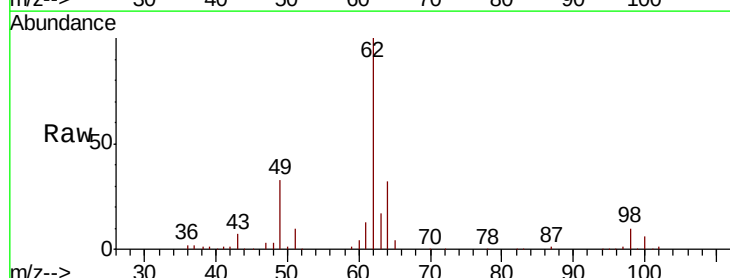
Instrument :
MSVOA_Y
ClientSampled :

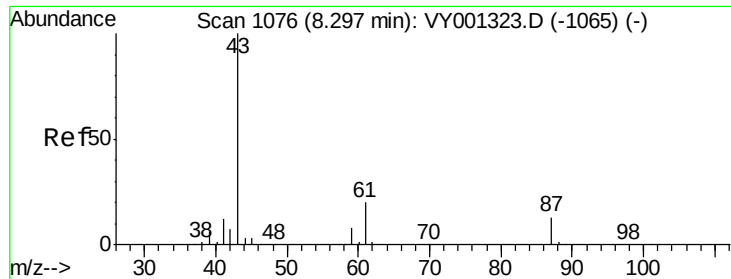
Tot Ion: 41 Resp: 131461
Ion Ratio Lower Upper
41 100
39 0.0 0.0 0.0
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 50.983 ug/l
RT: 8.25 min Scan# 1069
Delta R.T. -0.01 min
Lab File: VY001371.D
Acq: 24 Jan 2020 10:40

Tgt Ion: 62 Resp: 134273
Ion Ratio Lower Upper
62 100
98 9.7 0.0 20.8





#43

Isopropyl Acetate

Concen: 52.012 ug/l

RT: 8.28 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VY001371.D

Acq: 24 Jan 2020 10:40

Instrument :

MSVOA_Y

ClientSampleId :

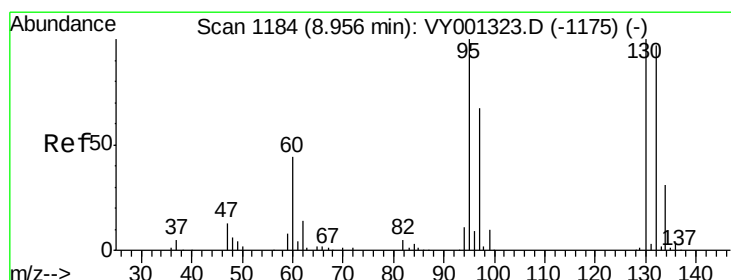
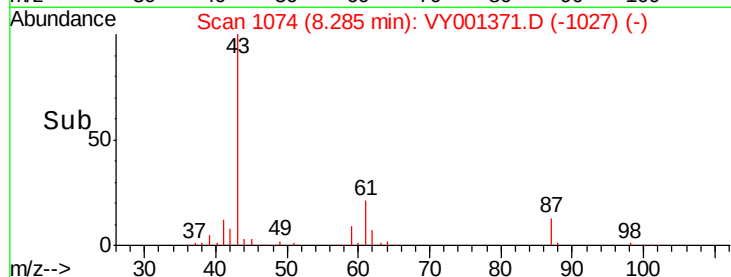
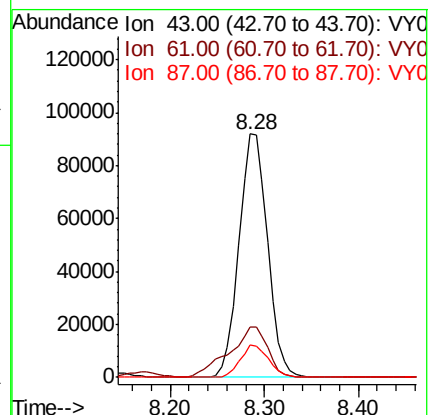
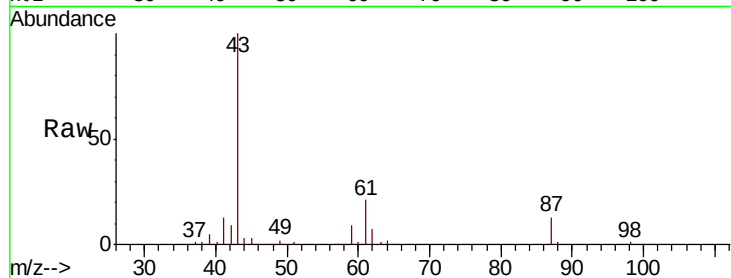
Tot Ion: 43 Resp: 194244

Ion Ratio Lower Upper

43 100

61 28.0 22.7 34.1

87 13.3 11.0 16.4



#44

Trichloroethene

Concen: 50.739 ug/l

RT: 8.95 min Scan# 1183

Delta R.T. -0.01 min

Lab File: VY001371.D

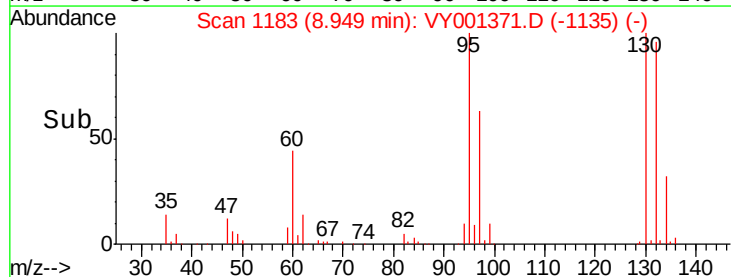
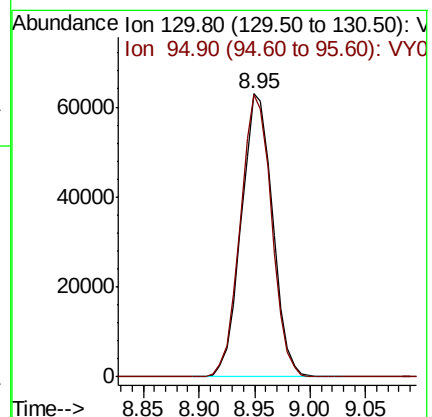
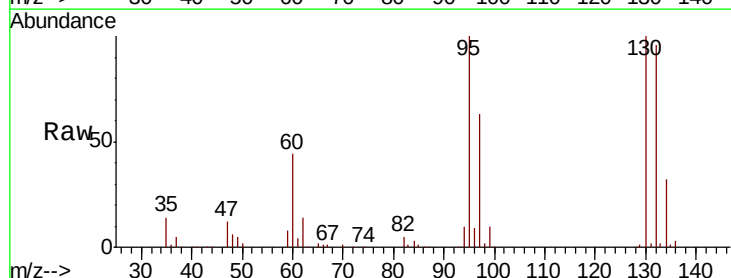
Acq: 24 Jan 2020 10:40

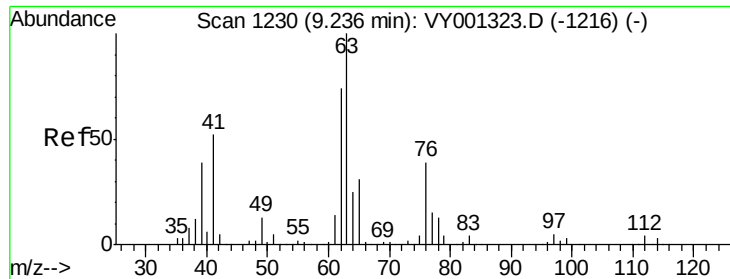
Tgt Ion:130 Resp: 122724

Ion Ratio Lower Upper

130 100

95 99.8 0.0 200.0

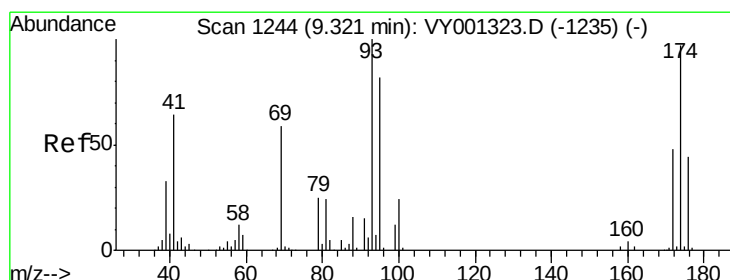
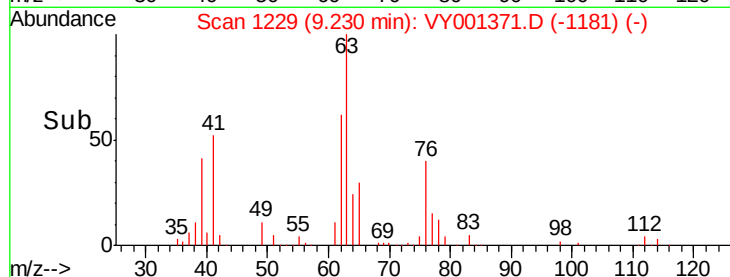
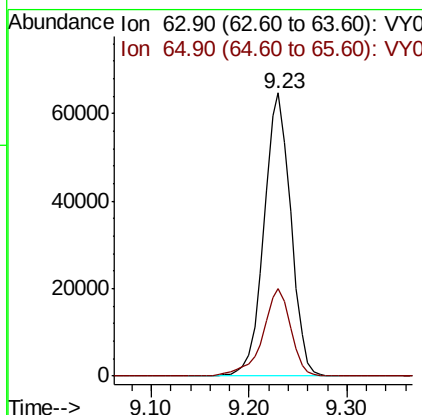
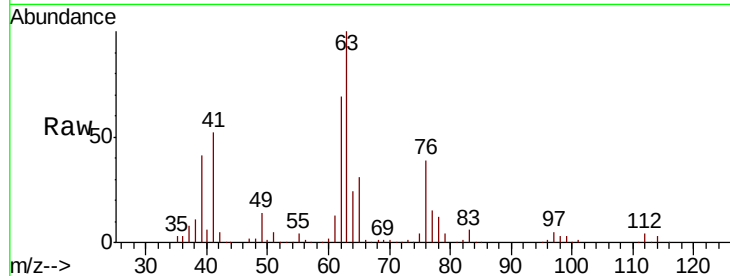




#45
 1,2-Dichloropropane
 Concen: 51.559 ug/l
 RT: 9.23 min Scan# 1229
 Delta R.T. -0.01 min
 Lab File: VY001371.D
 Acq: 24 Jan 2020 10:40

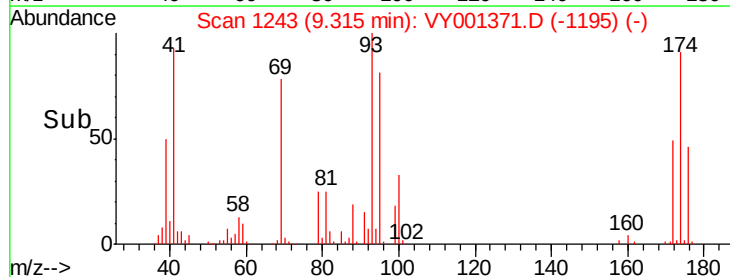
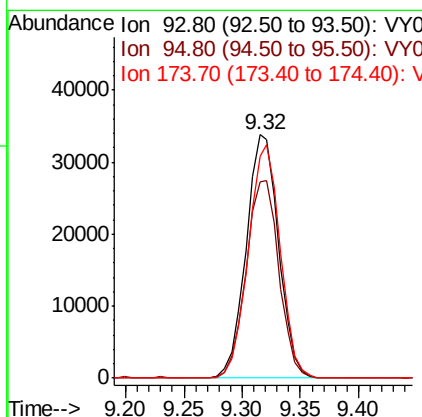
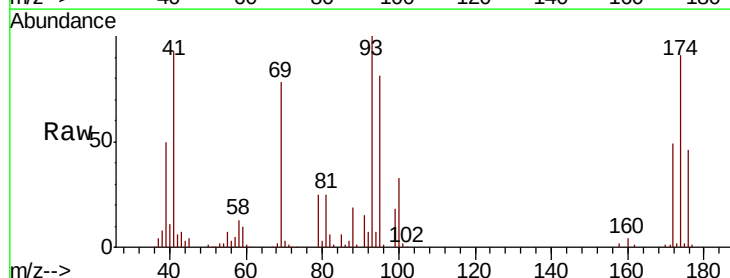
Instrument :
 MSVOA_Y
 ClientSampleId :

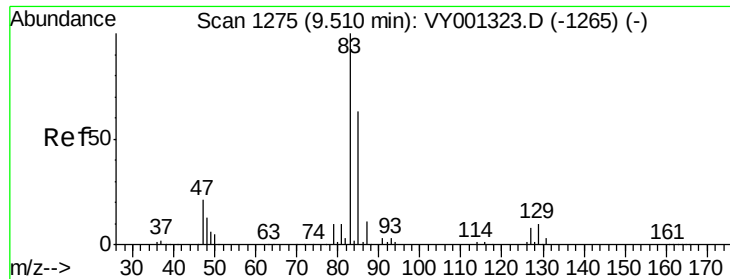
Tot Ion: 63 Resp: 122853
 Ion Ratio Lower Upper
 63 100
 65 31.1 24.9 37.3



#46
 Dibromomethane
 Concen: 51.405 ug/l
 RT: 9.32 min Scan# 1243
 Delta R.T. -0.01 min
 Lab File: VY001371.D
 Acq: 24 Jan 2020 10:40

Tgt Ion: 93 Resp: 65757
 Ion Ratio Lower Upper
 93 100
 95 82.3 66.5 99.7
 174 94.3 77.9 116.9

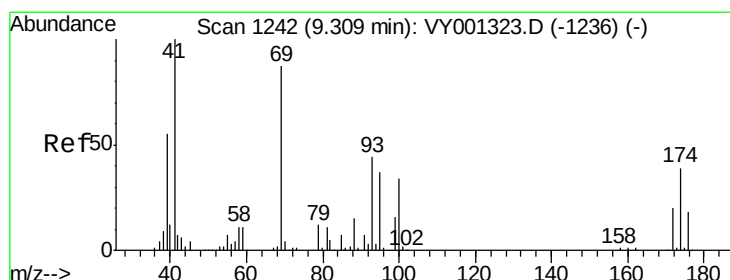
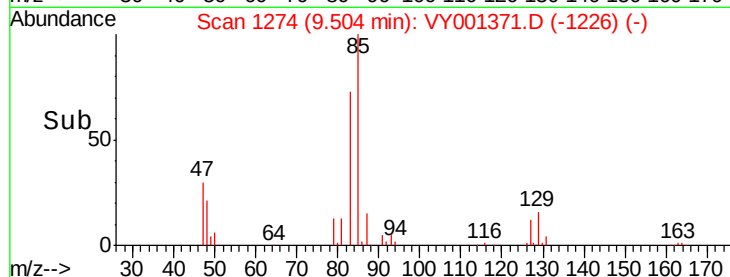
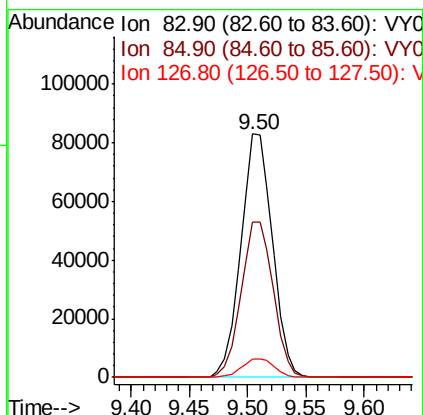
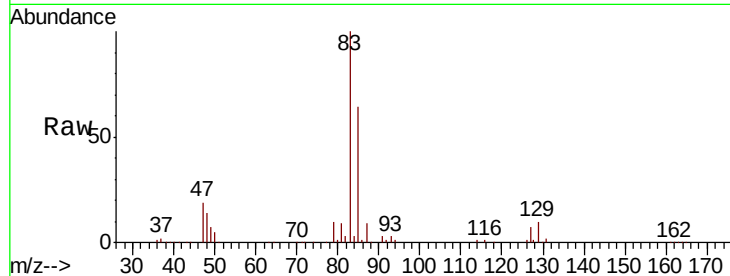




#47
Bromodichloromethane
Concen: 51.383 ug/l
RT: 9.50 min Scan# 1274
Delta R.T. -0.01 min
Lab File: VY001371.D
Acq: 24 Jan 2020 10:40

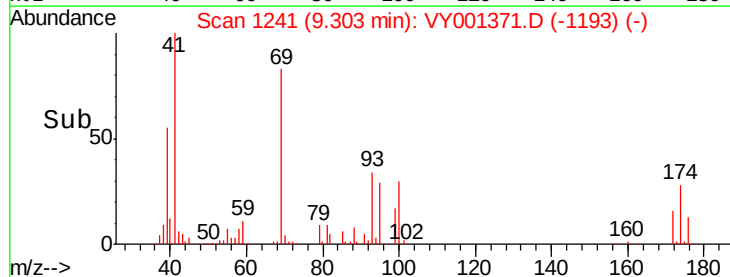
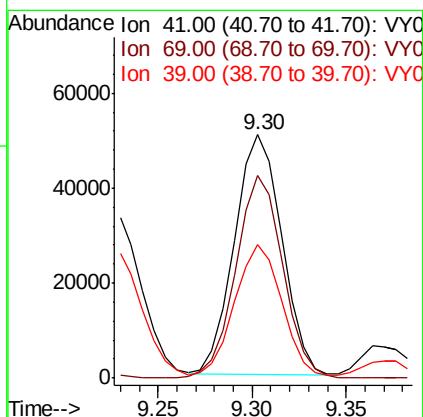
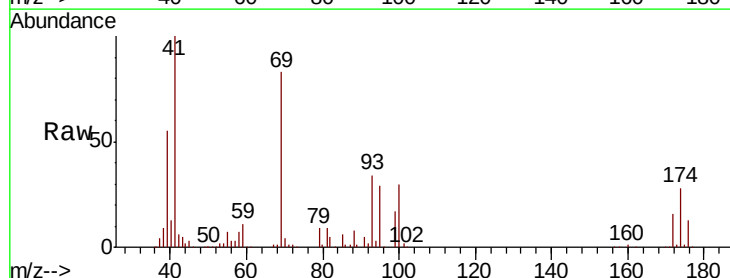
Instrument :
MSVOA_Y
ClientSampleId :

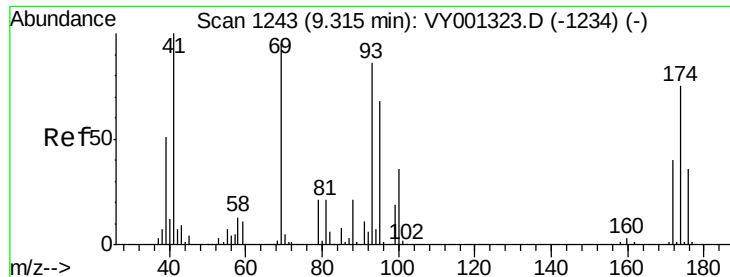
Tot Ion: 83 Resp: 157127
Ion Ratio Lower Upper
83 100
85 63.7 50.2 75.2
127 7.4 6.4 9.6



#48
Methyl methacrylate
Concen: 52.177 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. -0.01 min
Lab File: VY001371.D
Acq: 24 Jan 2020 10:40

Tgt Ion: 41 Resp: 88584
Ion Ratio Lower Upper
41 100
69 83.5 70.2 105.4
39 56.0 45.7 68.5





#49

1,4-Dioxane

Concen: 954.707 ug/l

RT: 9.32 min Scan# 1243

Delta R.T. -0.00 min

Lab File: VY001371.D

Acq: 24 Jan 2020 10:40

Instrument :
MSVOA_Y
ClientSampled :

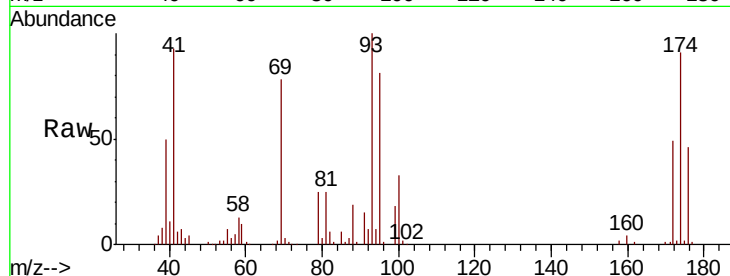
Tot Ion: 88 Resp: 17222

Ion Ratio Lower Upper

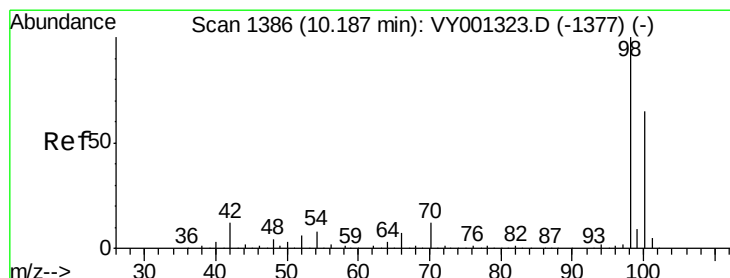
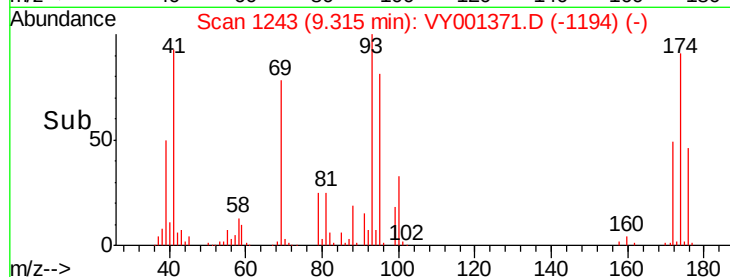
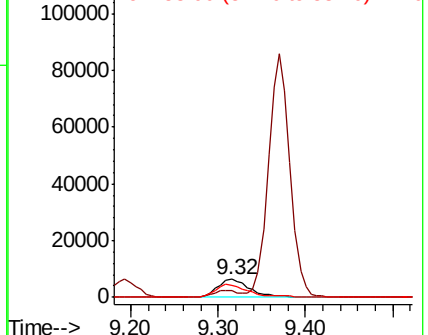
88 100

43 30.6 28.2 42.2

58 73.2 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: 54.867 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. -0.00 min

Lab File: VY001371.D

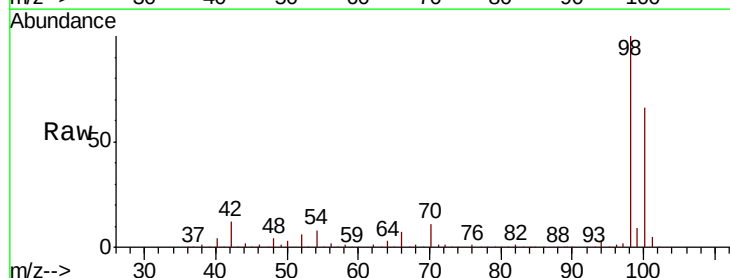
Acq: 24 Jan 2020 10:40

Tgt Ion: 98 Resp: 416296

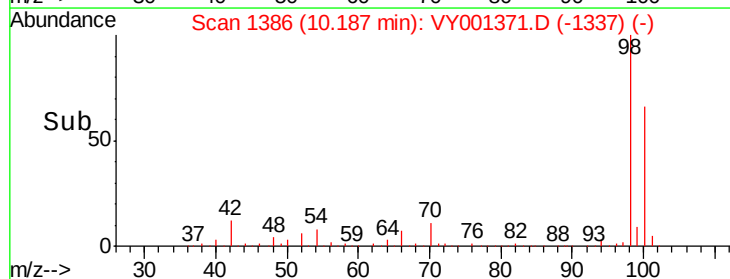
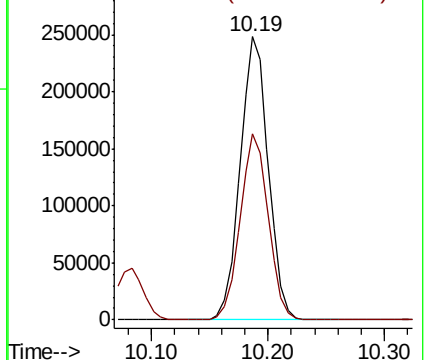
Ion Ratio Lower Upper

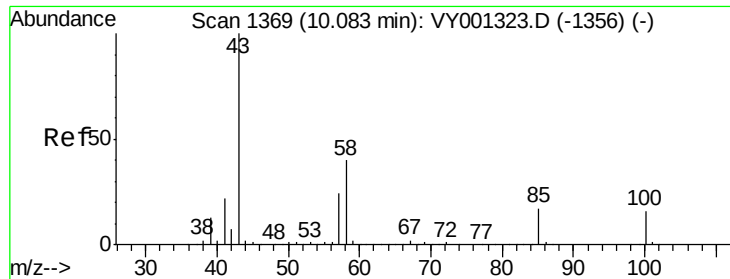
98 100

100 65.8 52.6 79.0



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

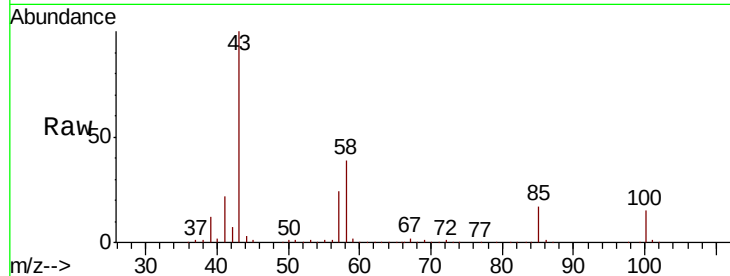




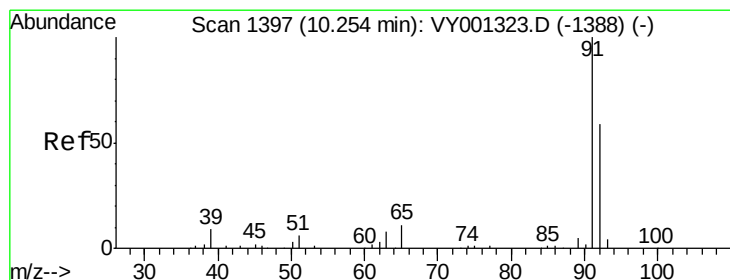
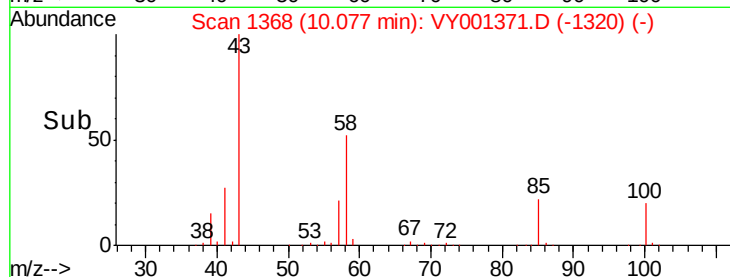
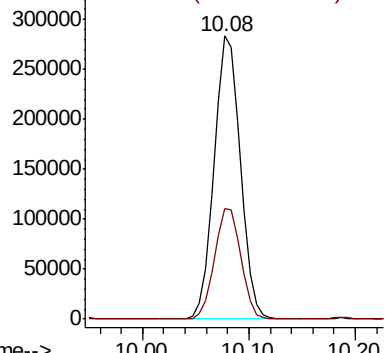
#51
4-Methyl-2-Pentanone
Concen: 255.728 ug/l
RT: 10.08 min Scan# 1368
Delta R.T. -0.01 min
Lab File: VY001371.D
Acq: 24 Jan 2020 10:40

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 43 Resp: 491832
Ion Ratio Lower Upper
43 100
58 39.3 31.5 47.3

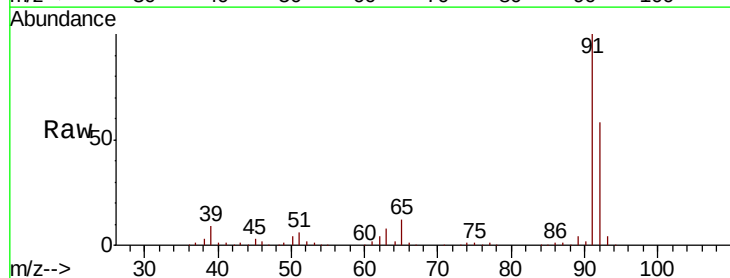


Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0

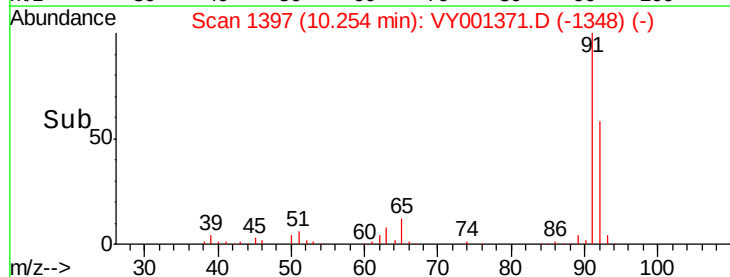
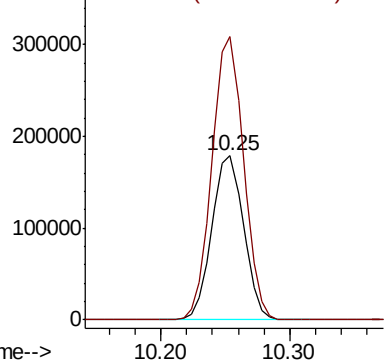


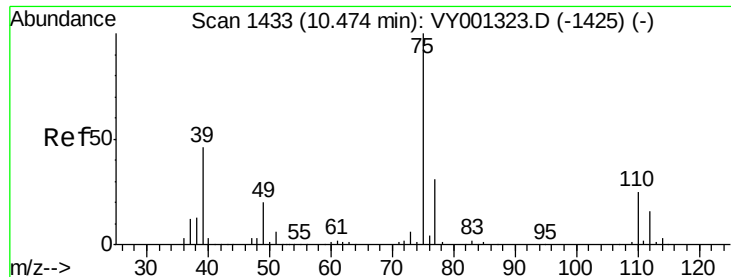
#52
Toluene
Concen: 51.214 ug/l
RT: 10.25 min Scan# 1397
Delta R.T. -0.00 min
Lab File: VY001371.D
Acq: 24 Jan 2020 10:40

Tgt Ion: 92 Resp: 305998
Ion Ratio Lower Upper
92 100
91 171.3 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VY0
Ion 91.00 (90.70 to 91.70): VY0





#53

t-1,3-Dichloropropene

Concen: 52.182 ug/l

RT: 10.47 min Scan# 1433

Delta R.T. -0.00 min

Lab File: VY001371.D

Acq: 24 Jan 2020 10:40

Instrument :

MSVOA_Y

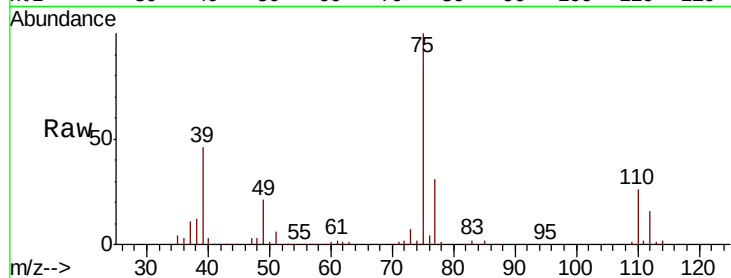
ClientSampleId :

Tot Ion: 75 Resp: 176866

Ion Ratio Lower Upper

75 100

77 31.4 25.2 37.8



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

10.47

120000

100000

80000

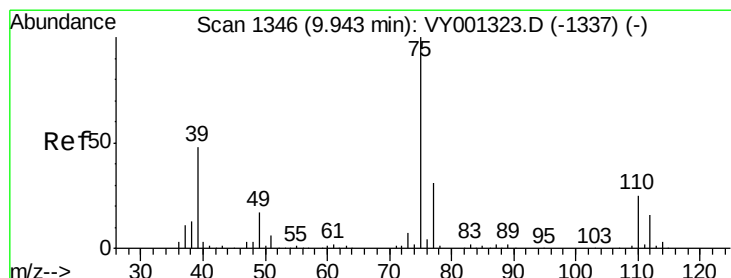
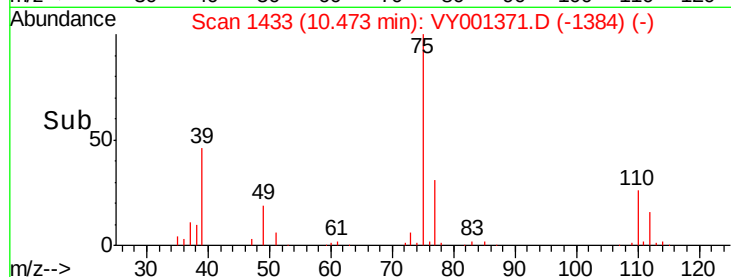
60000

40000

20000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 51.327 ug/l

RT: 9.94 min Scan# 1345

Delta R.T. -0.01 min

Lab File: VY001371.D

Acq: 24 Jan 2020 10:40

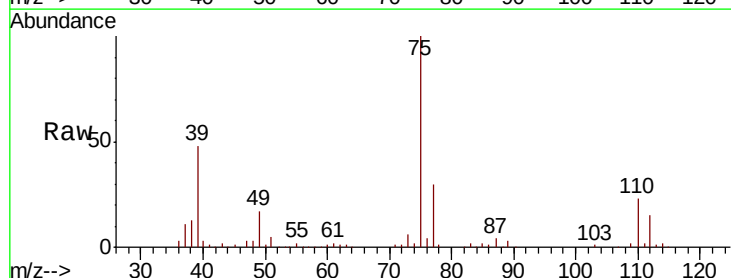
Tgt Ion: 75 Resp: 199677

Ion Ratio Lower Upper

75 100

77 30.3 25.0 37.6

39 47.8 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

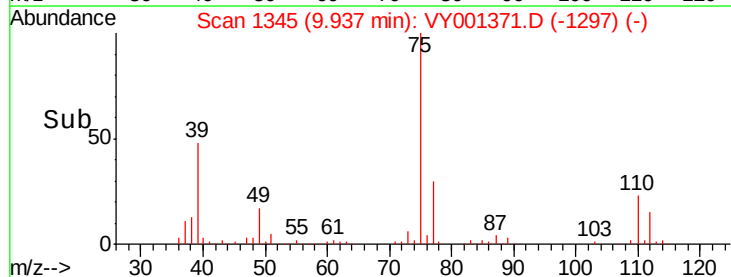
150000

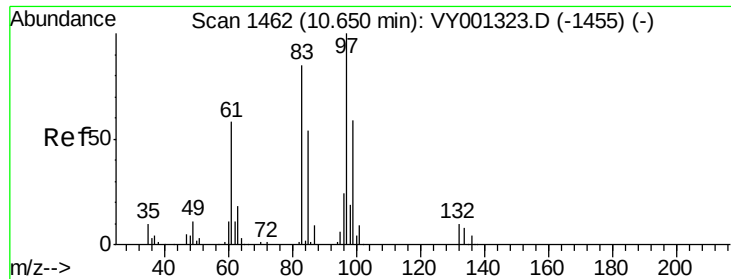
100000

50000

0

Time-->

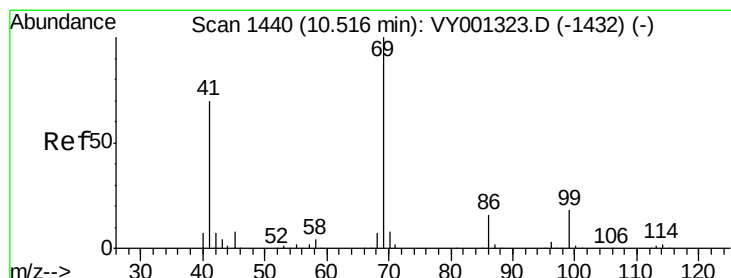
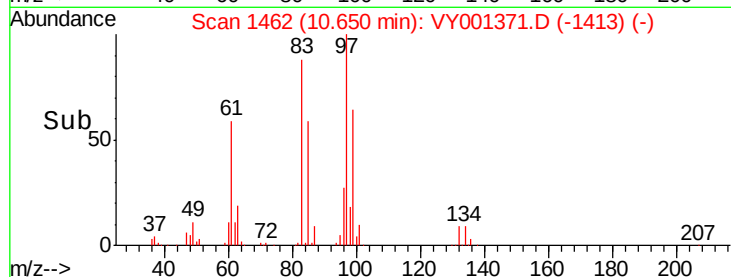
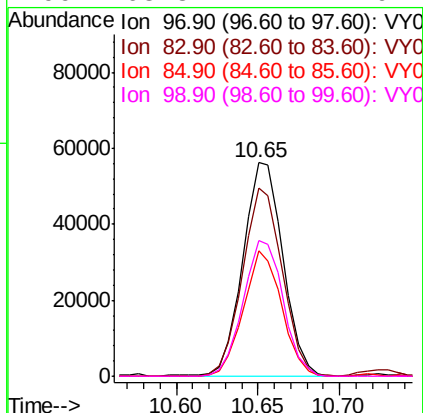
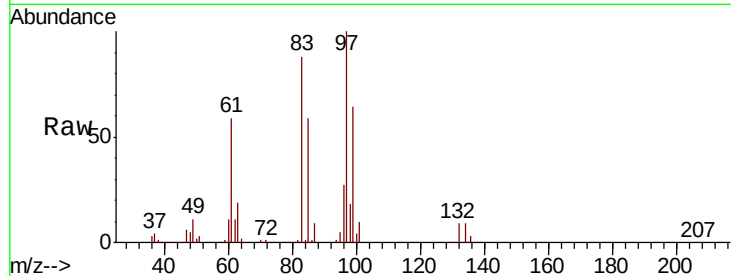




#55
 1,1,2-Trichloroethane
 Concen: 50.922 ug/l
 RT: 10.65 min Scan# 1462
 Delta R.T. -0.00 min
 Lab File: VY001371.D
 Acq: 24 Jan 2020 10:40

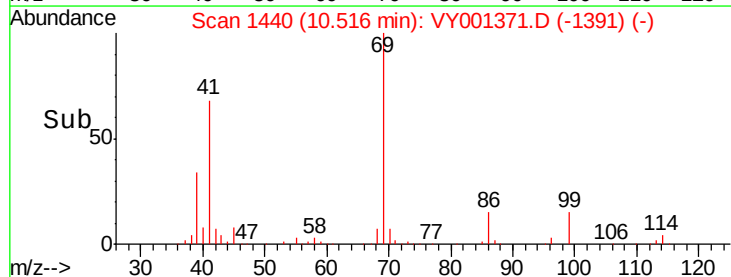
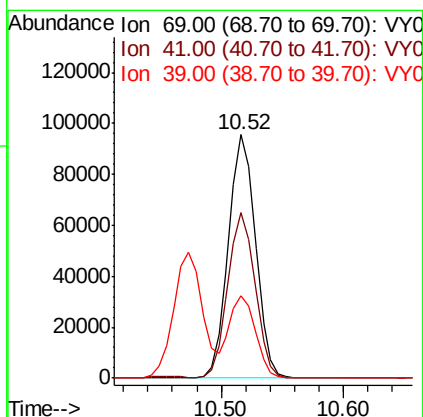
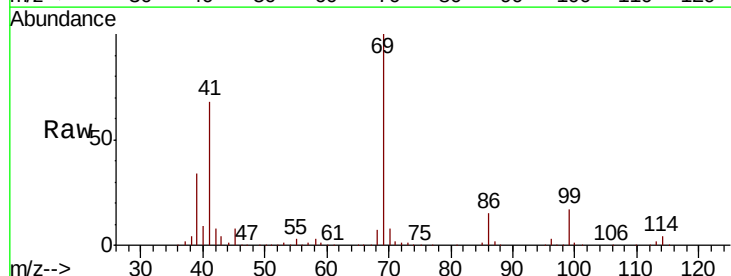
Instrument :
 MSVOA_Y
 ClientSampleId :

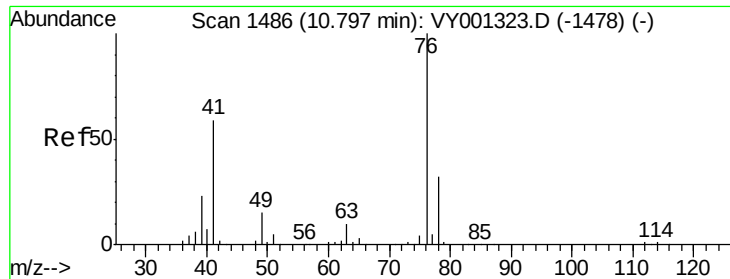
Tot Ion: 97 Resp: 96143
 Ion Ratio Lower Upper
 97 100
 83 88.0 68.0 102.0
 85 58.5 43.6 65.4
 99 63.8 47.1 70.7



#56
 Ethyl methacrylate
 Concen: 51.421 ug/l
 RT: 10.52 min Scan# 1440
 Delta R.T. -0.00 min
 Lab File: VY001371.D
 Acq: 24 Jan 2020 10:40

Tgt Ion: 69 Resp: 146737
 Ion Ratio Lower Upper
 69 100
 41 67.9 54.1 81.1
 39 33.0 26.8 40.2





#57

1,3-Dichloropropane

Concen: 51.625 ug/l

RT: 10.80 min Scan# 1486

Delta R.T. -0.00 min

Lab File: VY001371.D

Acq: 24 Jan 2020 10:40

Instrument :

MSVOA_Y

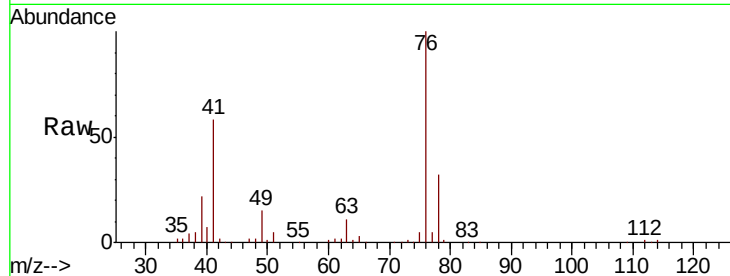
ClientSampled :

Tot Ion: 76 Resp: 169793

Ion Ratio Lower Upper

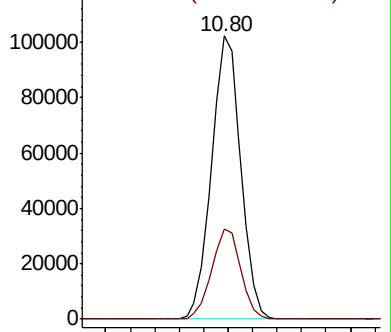
76 100

78 31.7 25.8 38.8

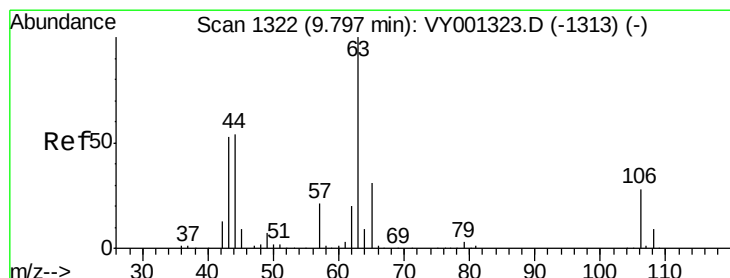
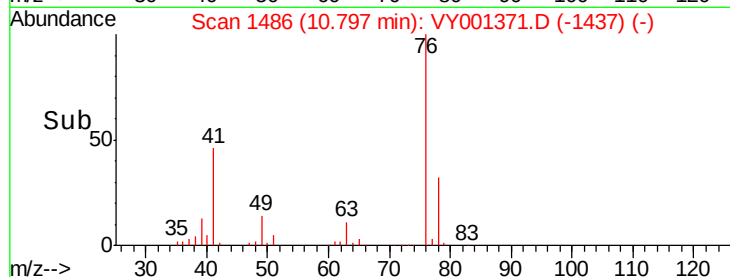


Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 232.071 ug/l

RT: 9.79 min Scan# 1321

Delta R.T. -0.01 min

Lab File: VY001371.D

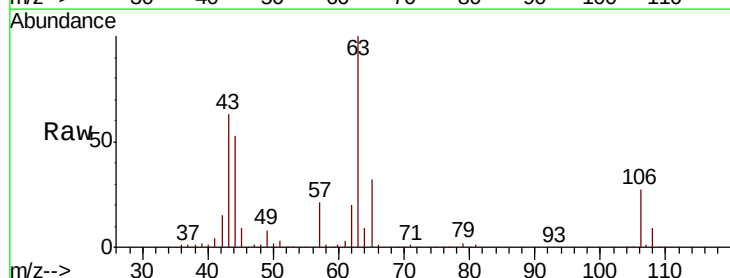
Acq: 24 Jan 2020 10:40

Tgt Ion: 63 Resp: 229162

Ion Ratio Lower Upper

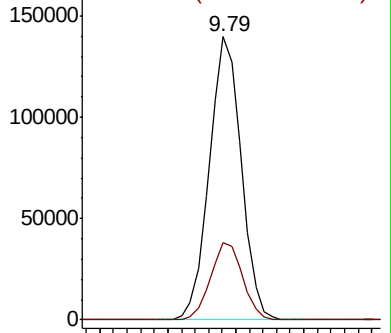
63 100

106 27.6 22.5 33.7

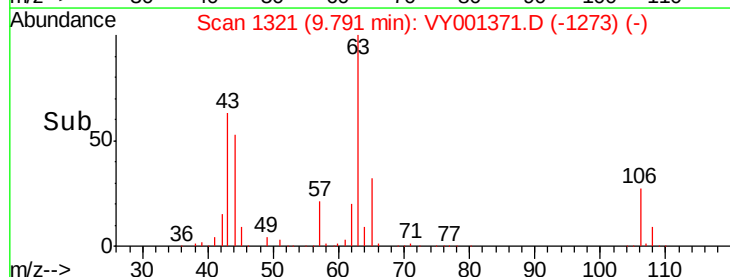


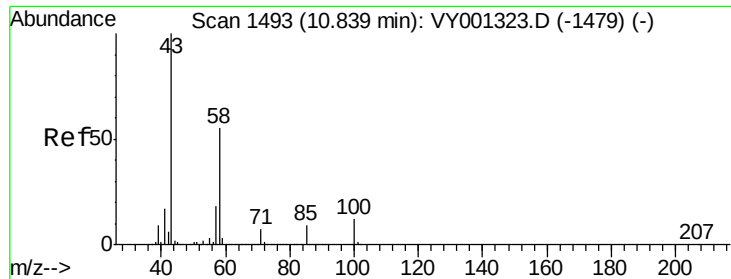
Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V



Time-->

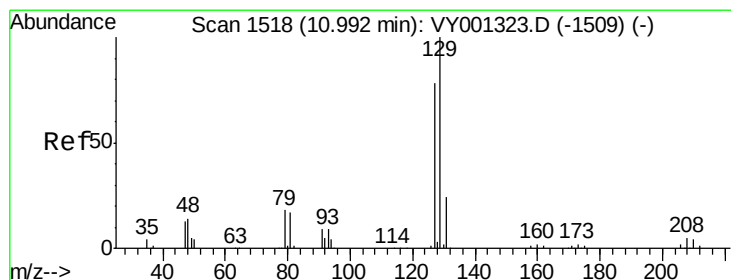
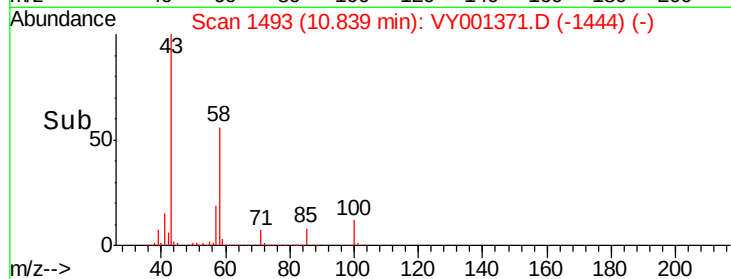
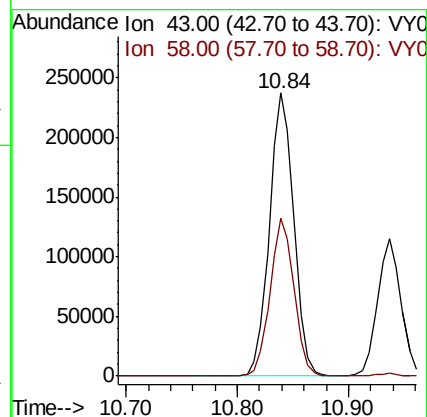
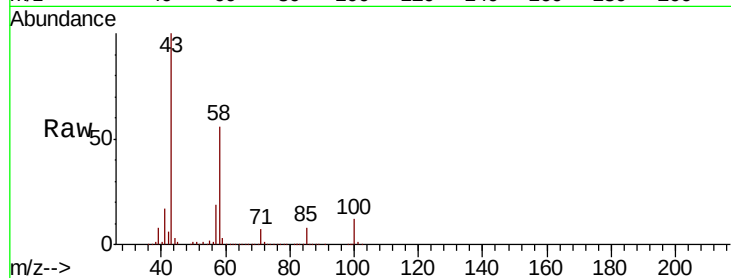




#59
2-Hexanone
Concen: 270.485 ug/l
RT: 10.84 min Scan# 1493
Delta R.T. -0.00 min
Lab File: VY001371.D
Acq: 24 Jan 2020 10:40

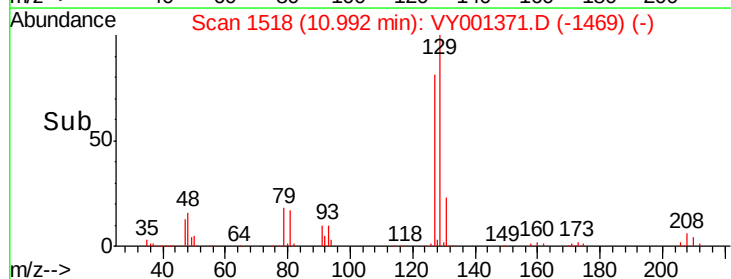
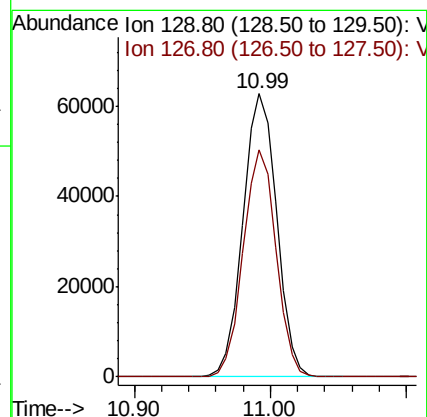
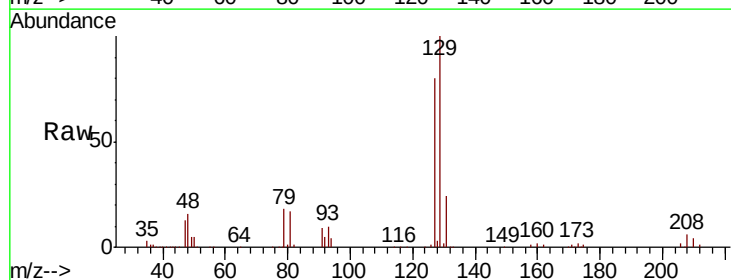
Instrument :
MSVOA_Y
ClientSampled :

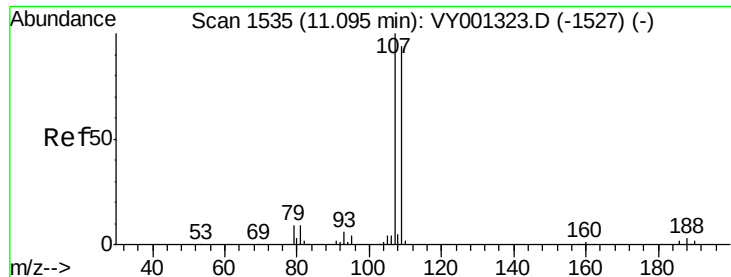
Tot Ion: 43 Resp: 362158
Ion Ratio Lower Upper
43 100
58 54.8 27.6 82.8



#60
Dibromochloromethane
Concen: 51.514 ug/l
RT: 10.99 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VY001371.D
Acq: 24 Jan 2020 10:40

Tgt Ion: 129 Resp: 108781
Ion Ratio Lower Upper
129 100
127 78.0 38.8 116.4

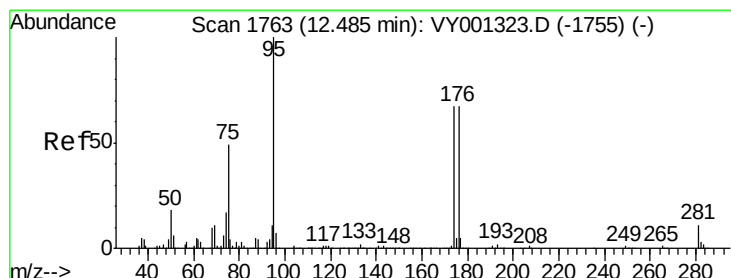
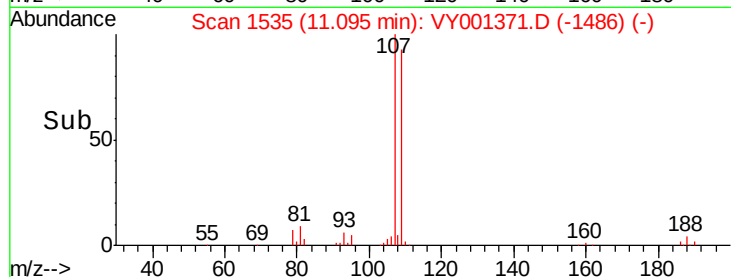
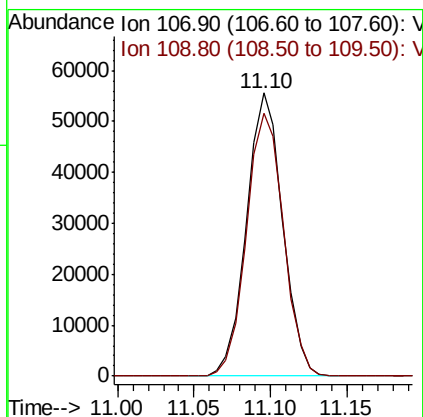
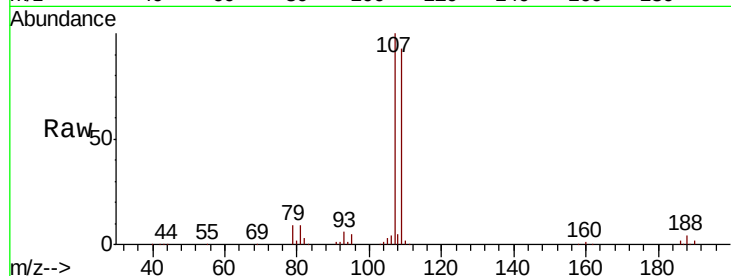




#61
 1,2-Dibromoethane
 Concen: 51.192 ug/l
 RT: 11.10 min Scan# 1535
 Delta R.T. -0.00 min
 Lab File: VY001371.D
 Acq: 24 Jan 2020 10:40

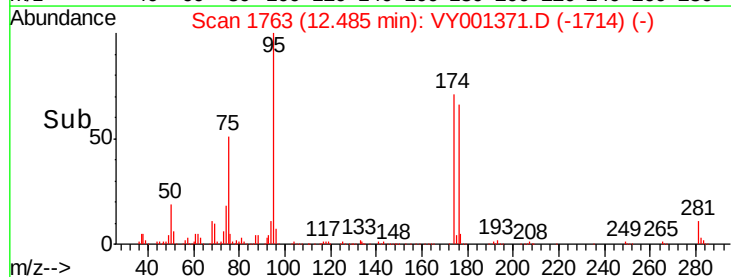
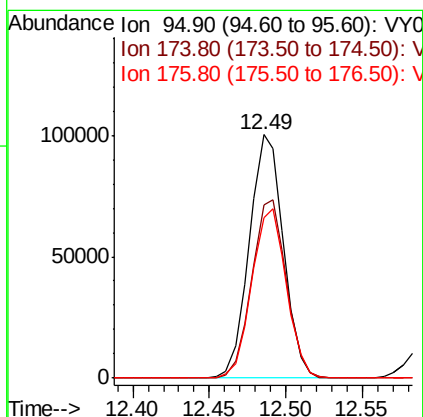
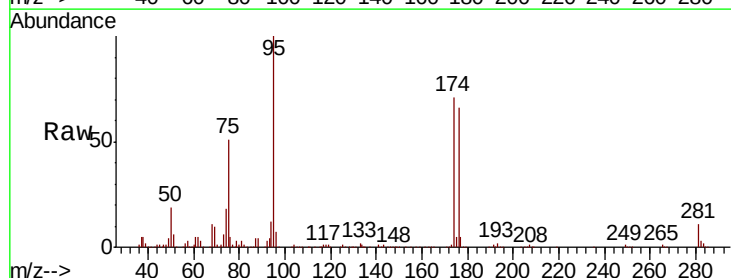
Instrument :
 MSVOA_Y
 ClientSampleId :

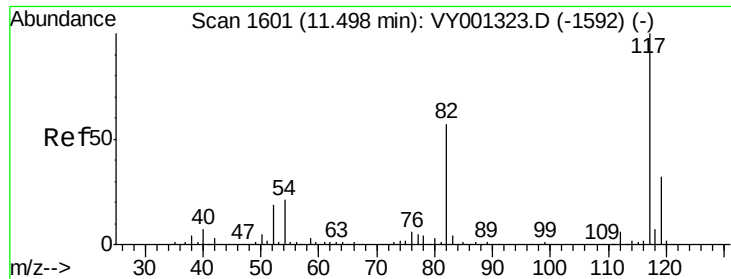
Tot Ion: 107 Resp: 91371
 Ion Ratio Lower Upper
 107 100
 109 94.9 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 51.502 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. -0.00 min
 Lab File: VY001371.D
 Acq: 24 Jan 2020 10:40

Tgt Ion: 95 Resp: 155615
 Ion Ratio Lower Upper
 95 100
 174 74.0 0.0 142.0
 176 70.5 0.0 138.6

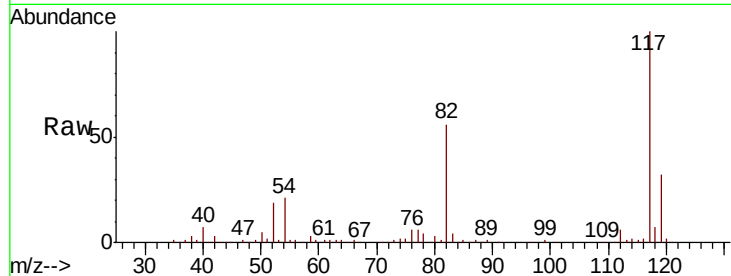




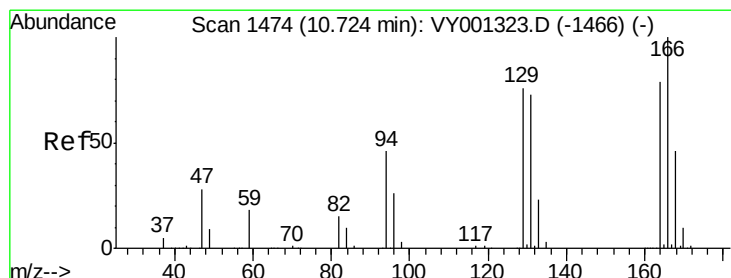
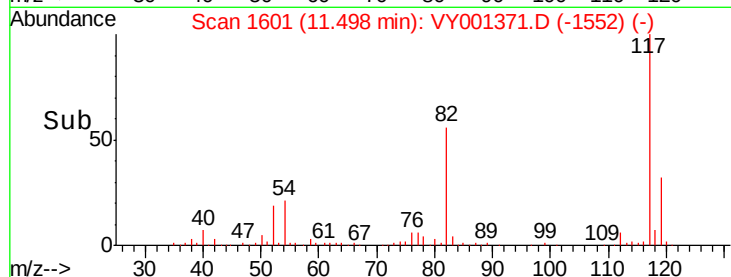
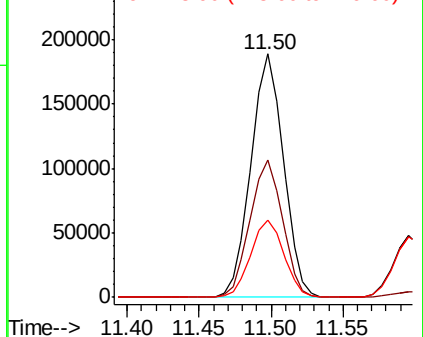
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VY001371.D
Acq: 24 Jan 2020 10:40

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:117 Resp: 295385
Ion Ratio Lower Upper
117 100
82 56.3 45.5 68.3
119 31.9 25.8 38.6

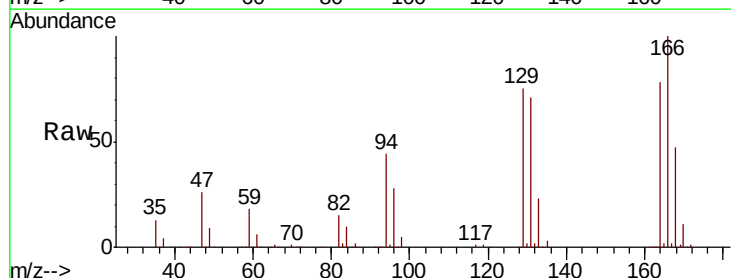


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

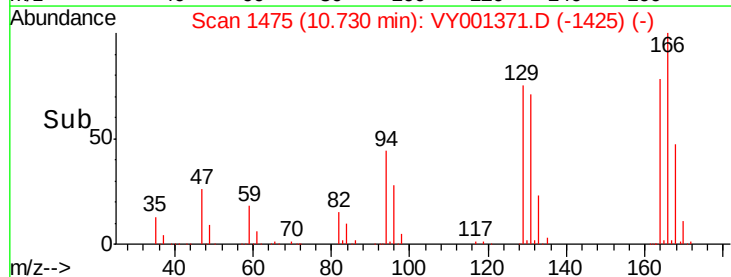
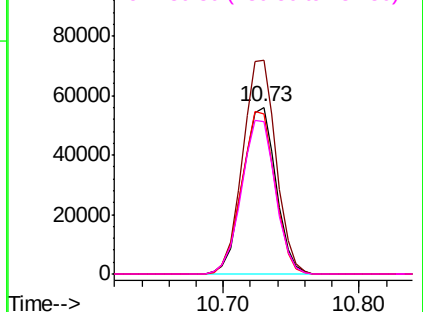


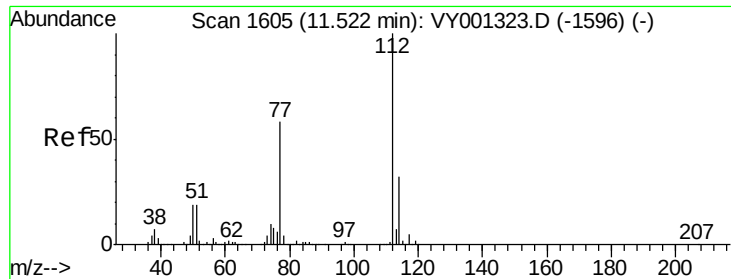
#64
Tetrachloroethene
Concen: 50.905 ug/l
RT: 10.73 min Scan# 1475
Delta R.T. 0.01 min
Lab File: VY001371.D
Acq: 24 Jan 2020 10:40

Tgt Ion:164 Resp: 96049
Ion Ratio Lower Upper
164 100
166 128.0 101.8 152.8
129 95.6 77.1 115.7
131 91.3 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

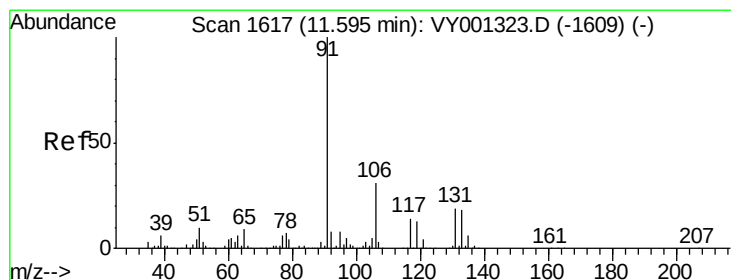
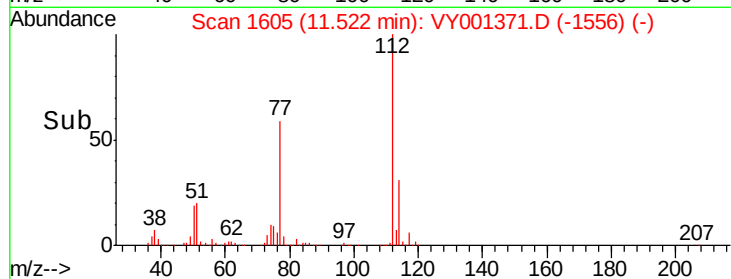
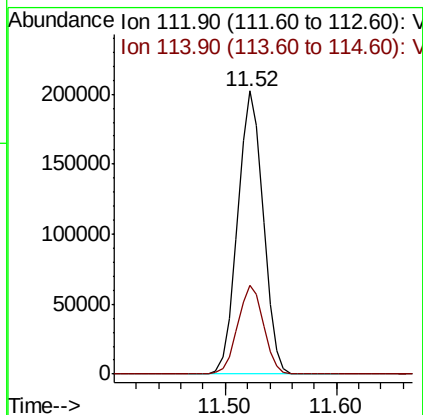
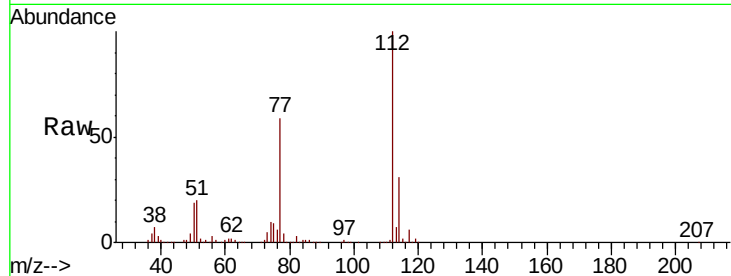




#65
Chlorobenzene
Concen: 51.523 ug/l
RT: 11.52 min Scan# 1605
Delta R.T. -0.00 min
Lab File: VY001371.D
Acq: 24 Jan 2020 10:40

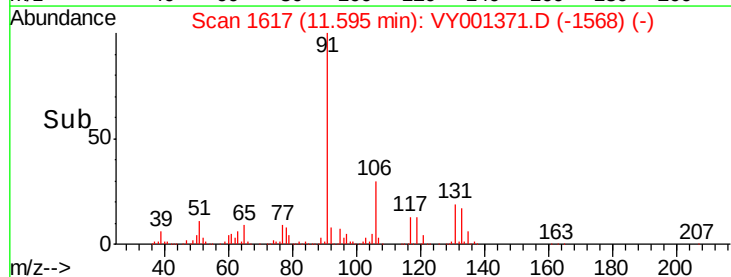
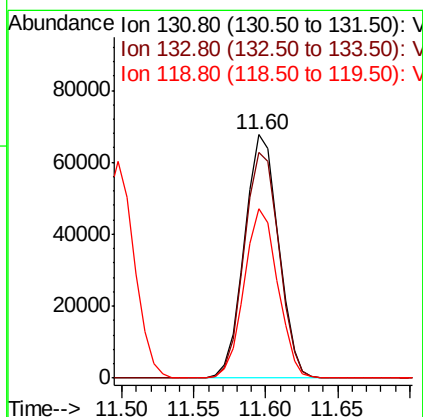
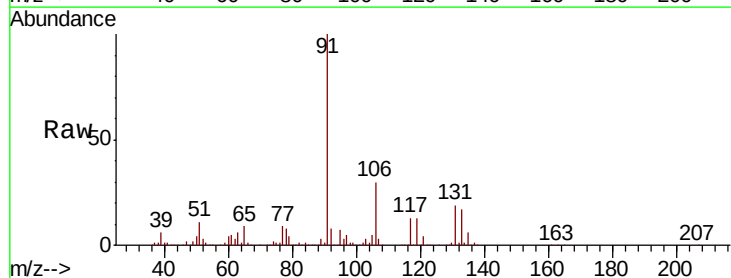
Instrument :
MSVOA_Y
ClientSampleId :

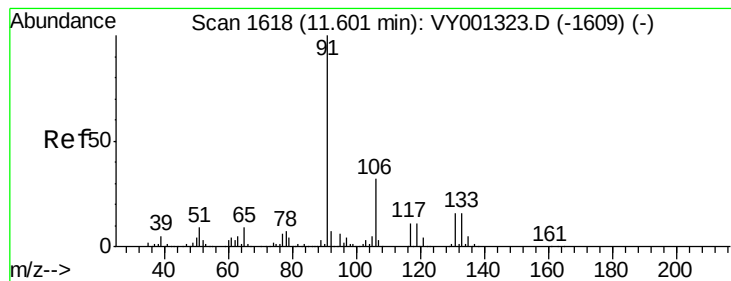
Tot Ion:112 Resp: 320798
Ion Ratio Lower Upper
112 100
114 31.3 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 52.121 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. -0.00 min
Lab File: VY001371.D
Acq: 24 Jan 2020 10:40

Tgt Ion:131 Resp: 110747
Ion Ratio Lower Upper
131 100
133 94.8 47.1 141.3
119 68.9 34.1 102.2





#67

Ethyl Benzene

Concen: 52.064 ug/l

RT: 11.60 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VY001371.D

Acq: 24 Jan 2020 10:40

Instrument :

MSVOA_Y

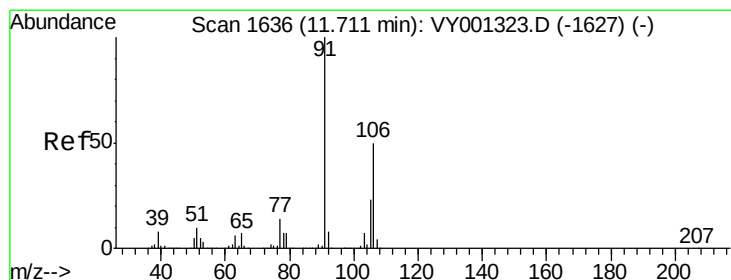
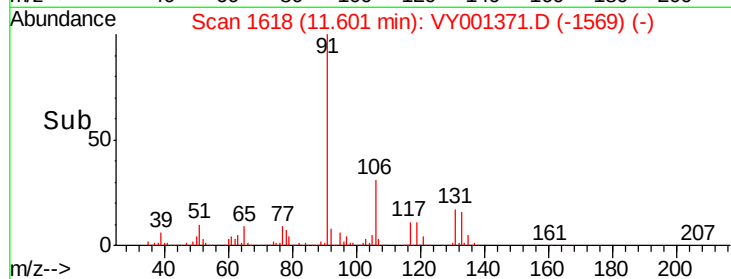
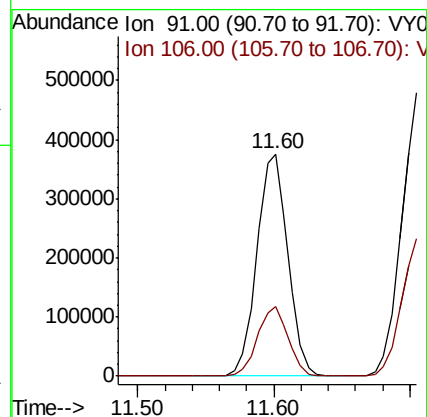
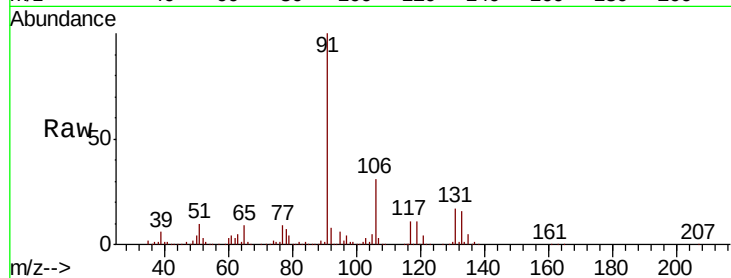
ClientSampled :

Tot Ion: 91 Resp: 597396

Ion Ratio Lower Upper

91 100

106 31.1 25.4 38.0



#68

m/p-Xylenes

Concen: 104.199 ug/l

RT: 11.71 min Scan# 1636

Delta R.T. -0.00 min

Lab File: VY001371.D

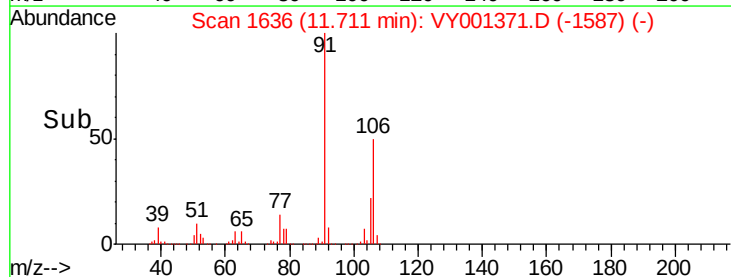
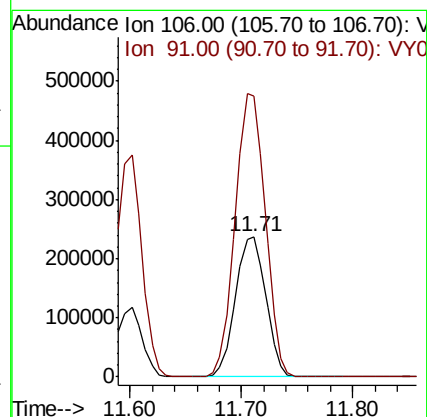
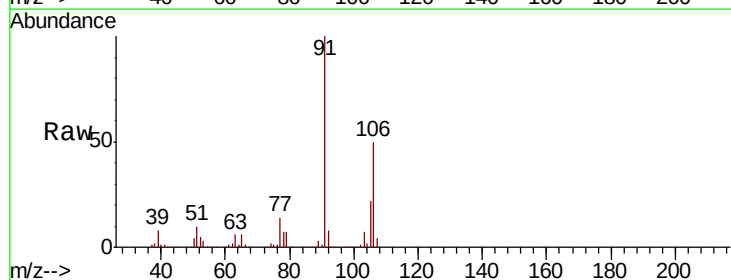
Acq: 24 Jan 2020 10:40

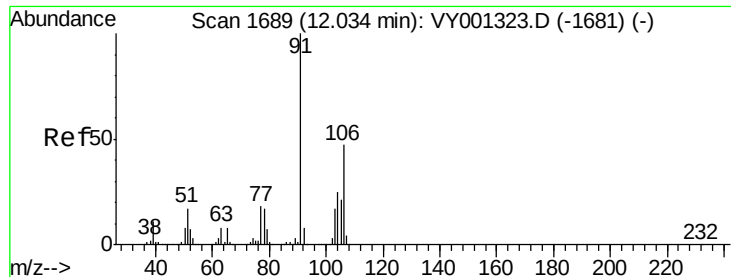
Tgt Ion: 106 Resp: 446549

Ion Ratio Lower Upper

106 100

91 201.7 162.8 244.2

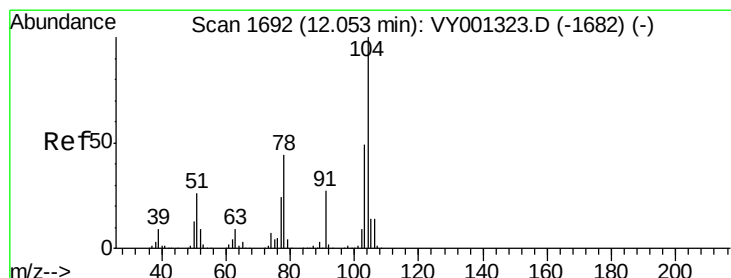
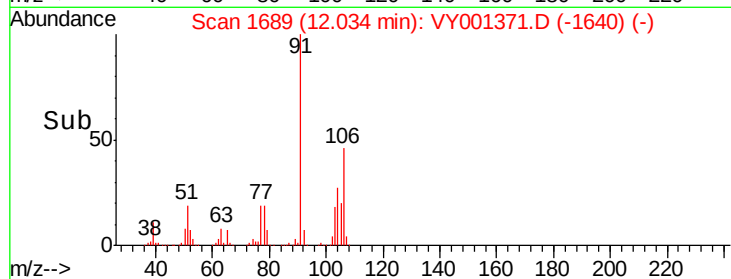
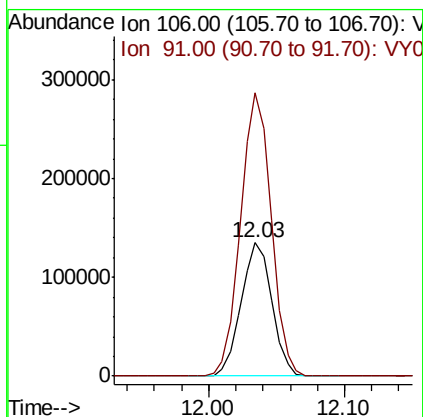
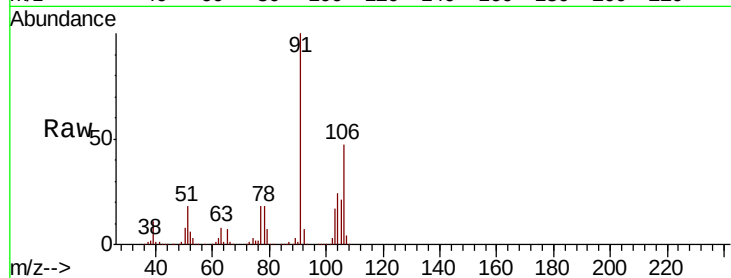




#69
o-Xylene
Concen: 51.706 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. -0.00 min
Lab File: VY001371.D
Acq: 24 Jan 2020 10:40

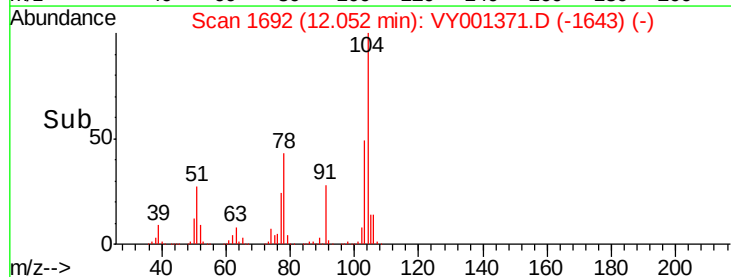
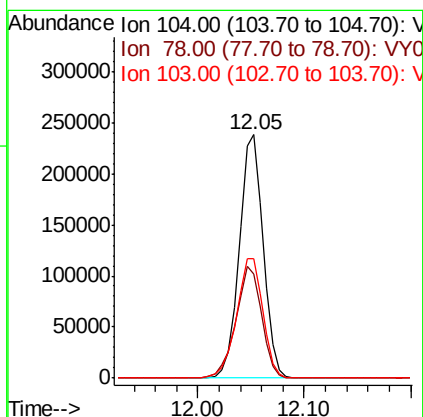
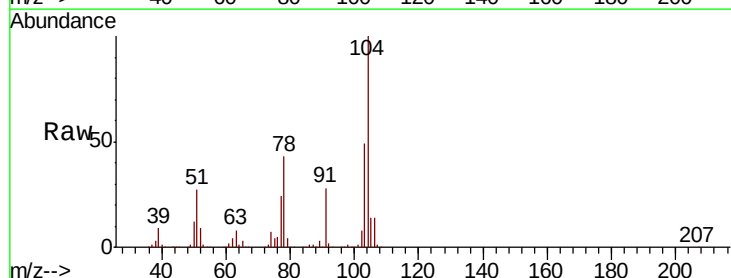
Instrument :
MSVOA_Y
ClientSampleId :

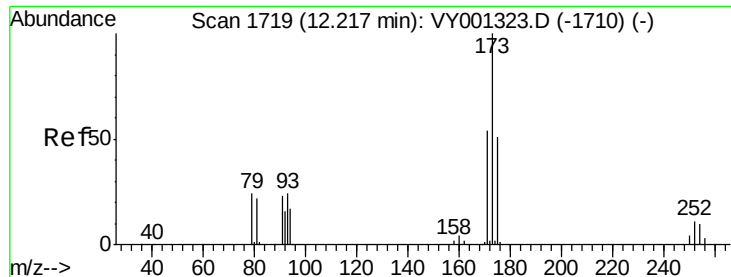
Tot Ion:106 Resp: 213170
Ion Ratio Lower Upper
106 100
91 211.5 106.3 319.0



#70
Styrene
Concen: 51.605 ug/l
RT: 12.05 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VY001371.D
Acq: 24 Jan 2020 10:40

Tgt Ion:104 Resp: 373278
Ion Ratio Lower Upper
104 100
78 49.7 39.8 59.8
103 54.2 43.2 64.8





#71

Bromoform

Concen: 51.579 ug/l

RT: 12.22 min Scan# 1719

Delta R.T. -0.00 min

Lab File: VY001371.D

Acq: 24 Jan 2020 10:40

Instrument :

MSVOA_Y

ClientSampled :

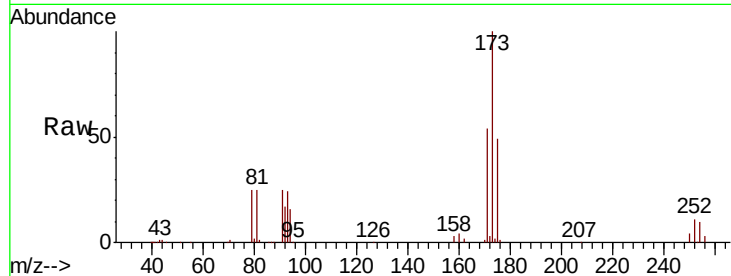
Tot Ion:173 Resp: 65422

Ion Ratio Lower Upper

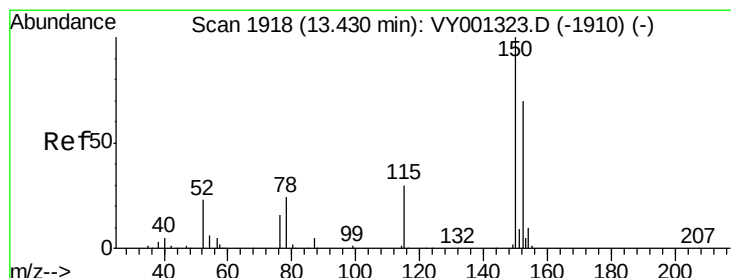
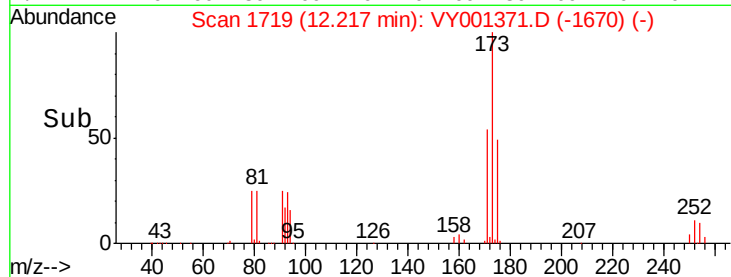
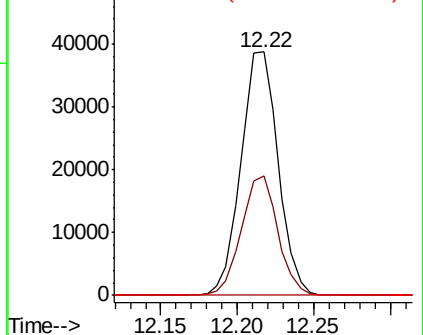
173 100

175 48.0 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: 13.43 min Scan# 1918

Delta R.T. -0.00 min

Lab File: VY001371.D

Acq: 24 Jan 2020 10:40

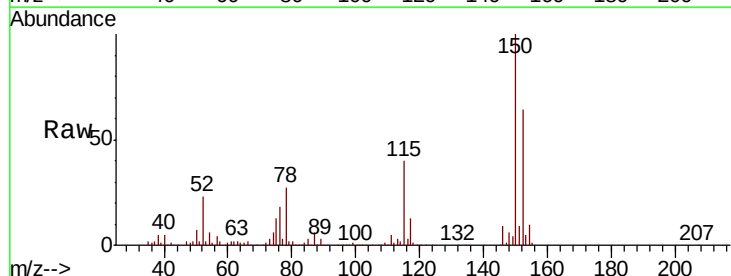
Tgt Ion:152 Resp: 143423

Ion Ratio Lower Upper

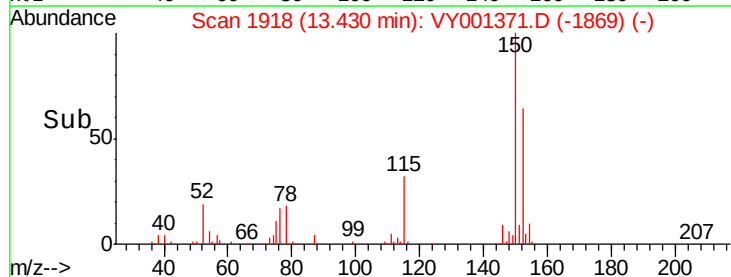
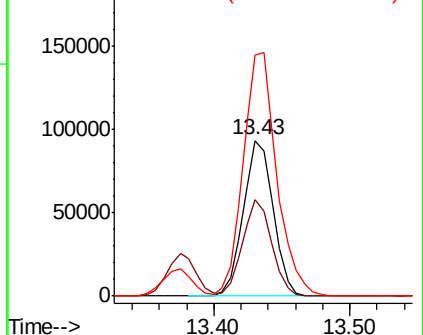
152 100

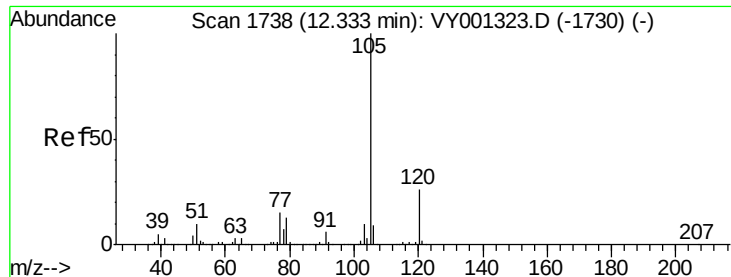
115 60.5 30.9 92.8

150 174.7 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

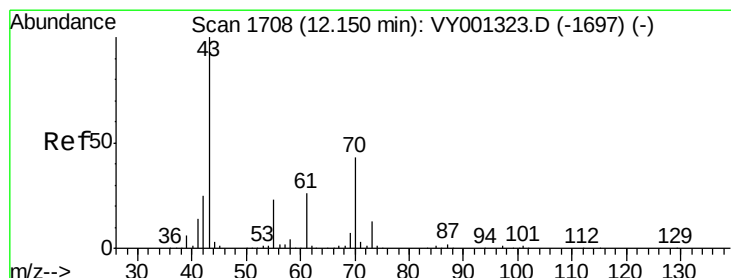
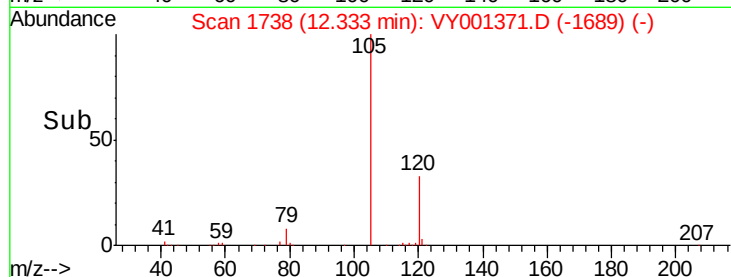
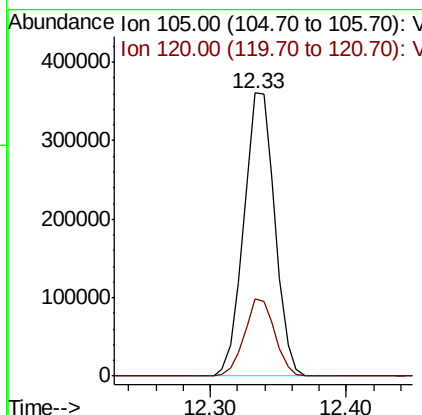
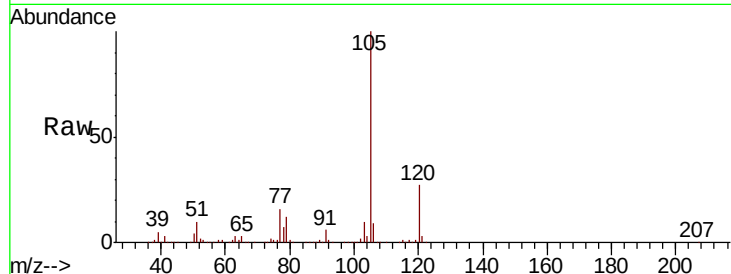




#73
Isopropylbenzene
Concen: 50.793 ug/l
RT: 12.33 min Scan# 1738
Delta R.T. -0.00 min
Lab File: VY001371.D
Acq: 24 Jan 2020 10:40

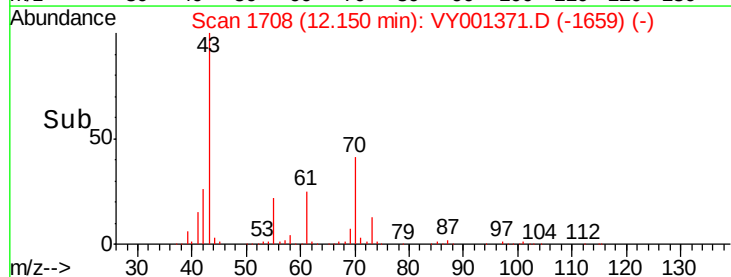
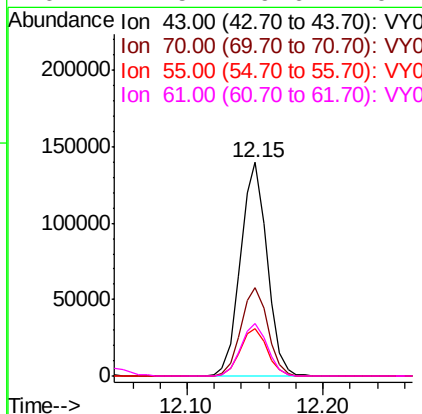
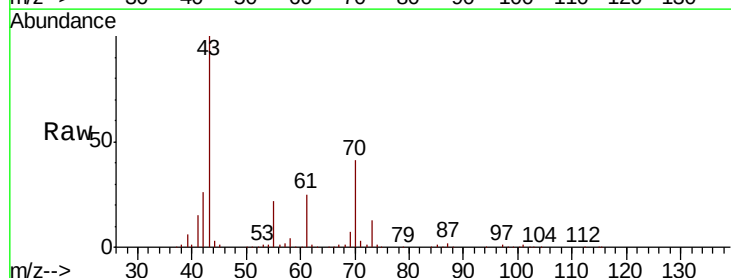
Instrument :
MSVOA_Y
ClientSampleId :

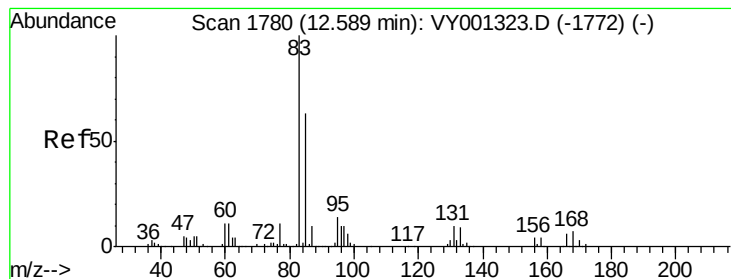
Tot Ion:105 Resp: 574839
Ion Ratio Lower Upper
105 100
120 26.7 13.5 40.4



#74
N-ethyl acetate
Concen: 51.460 ug/l
RT: 12.15 min Scan# 1708
Delta R.T. -0.00 min
Lab File: VY001371.D
Acq: 24 Jan 2020 10:40

Tgt Ion: 43 Resp: 190636
Ion Ratio Lower Upper
43 100
70 41.9 33.5 50.3
55 22.7 18.2 27.2
61 24.5 19.6 29.4





#75

1,1,2,2-Tetrachloroethane

Concen: 51.097 ug/l

RT: 12.59 min Scan# 1780

Delta R.T. -0.00 min

Lab File: VY001371.D

Acq: 24 Jan 2020 10:40

Instrument :

MSVOA_Y

ClientSampleId :

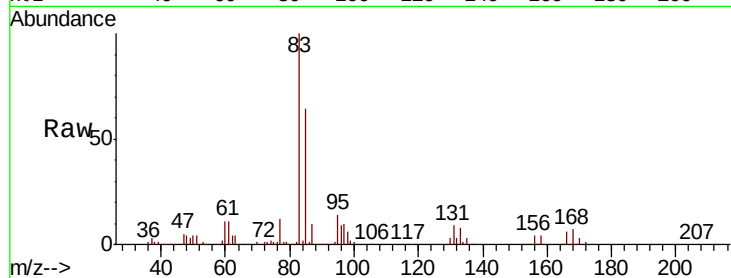
Tot Ion: 83 Resp: 123847

Ion	Ratio	Lower	Upper
83	100		
131	9.6	4.9	14.6
85	64.3	31.4	94.3

83 100

131 9.6 4.9 14.6

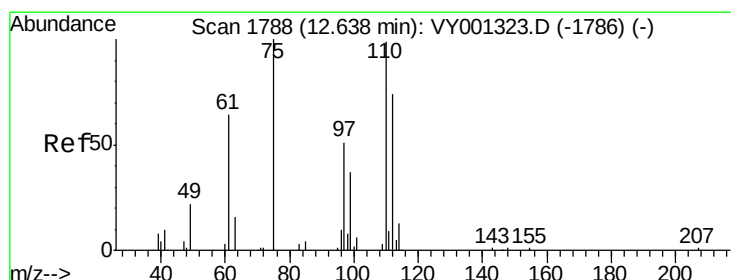
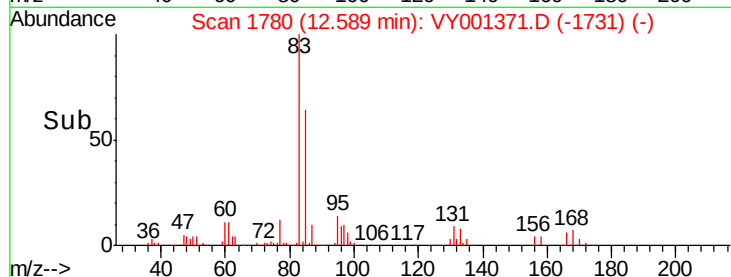
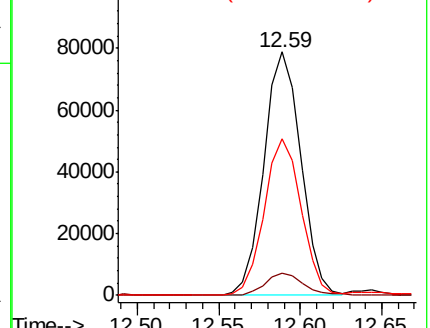
85 64.3 31.4 94.3



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: 93.550 ug/l

RT: 12.64 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VY001371.D

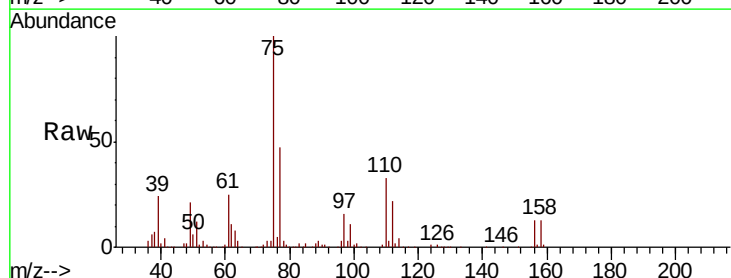
Acq: 24 Jan 2020 10:40

Tgt Ion: 75 Resp: 161678

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

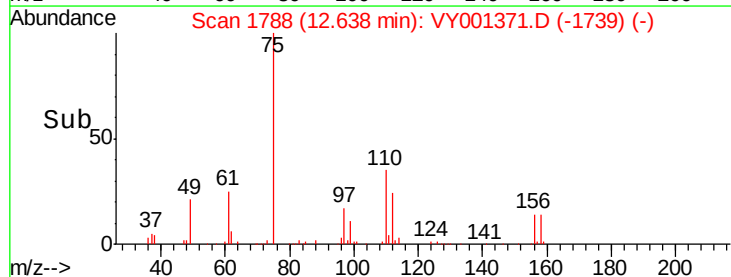
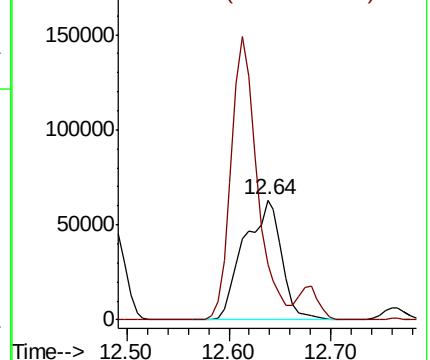
75 100

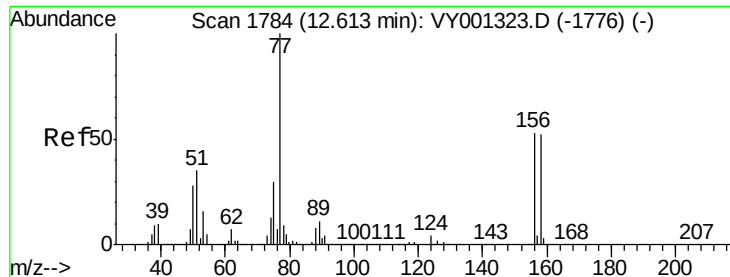
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0

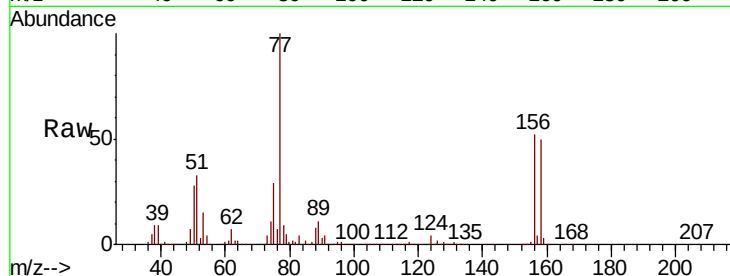




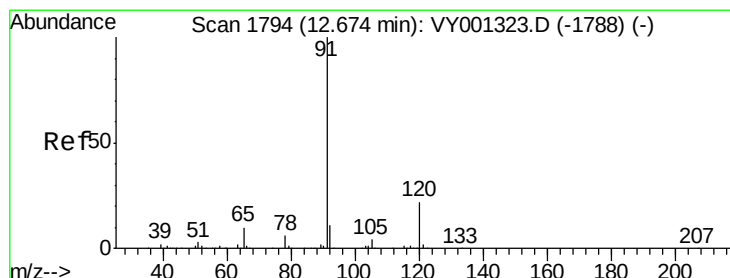
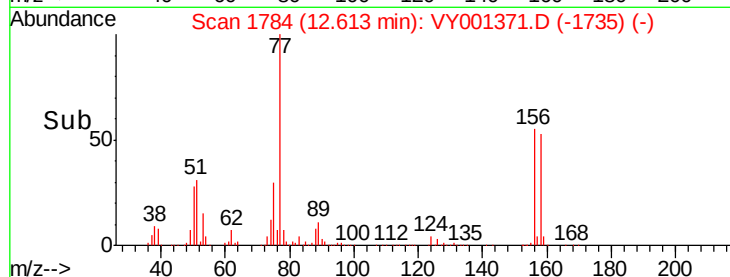
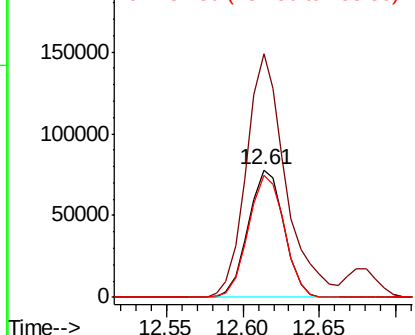
#77
Bromobenzene
Concen: 50.421 ug/l
RT: 12.61 min Scan# 1784
Delta R.T. -0.00 min
Lab File: VY001371.D
Acq: 24 Jan 2020 10:40

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:156 Resp: 126388
Ion Ratio Lower Upper
156 100
77 211.3 104.7 313.9
158 97.0 48.6 145.8

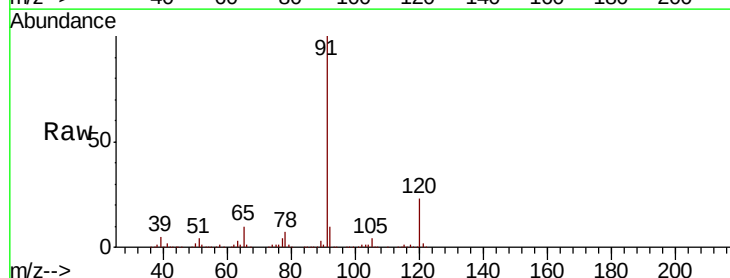


Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VY0
Ion 157.80 (157.50 to 158.50): V

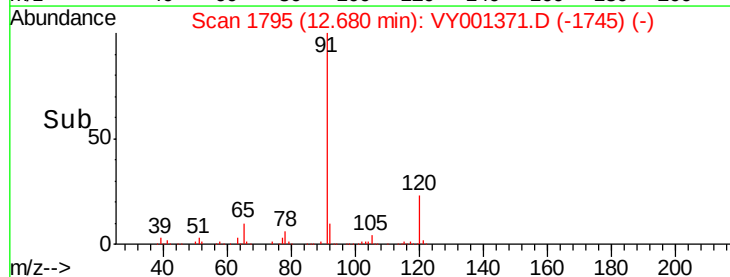
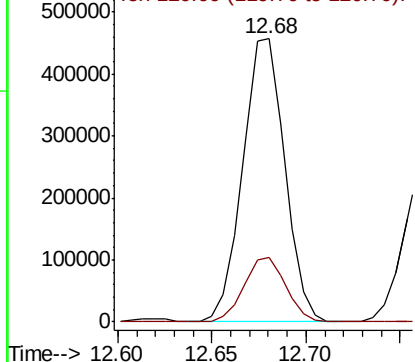


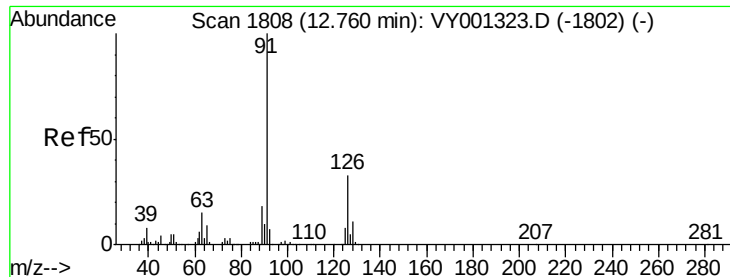
#78
n-propylbenzene
Concen: 51.839 ug/l
RT: 12.68 min Scan# 1795
Delta R.T. 0.01 min
Lab File: VY001371.D
Acq: 24 Jan 2020 10:40

Tgt Ion: 91 Resp: 706145
Ion Ratio Lower Upper
91 100
120 22.5 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VY0
Ion 120.00 (119.70 to 120.70): V

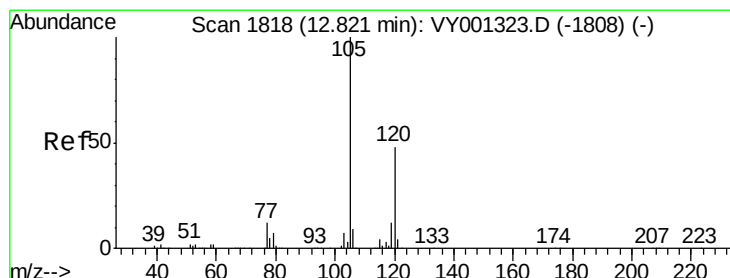
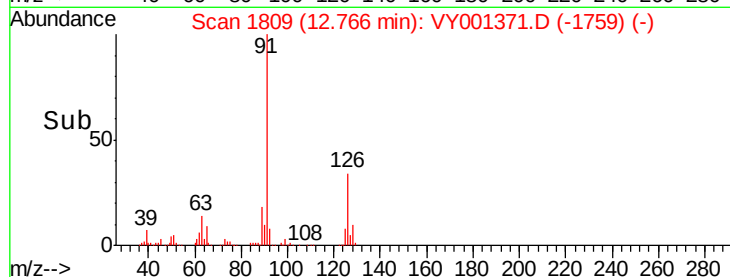
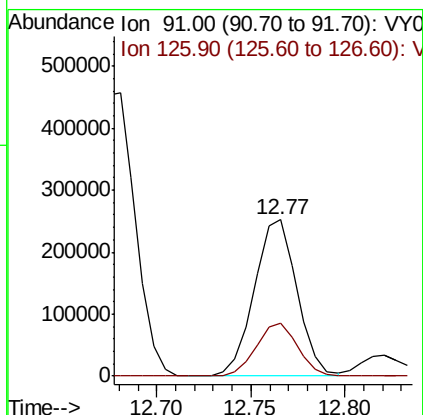
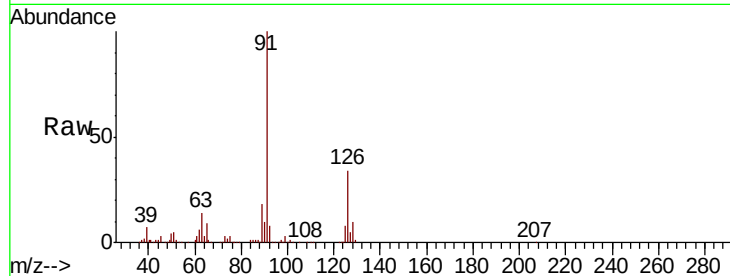




#79
 2-Chlorotoluene
 Concen: 50.961 ug/l
 RT: 12.77 min Scan# 1809
 Delta R.T. 0.01 min
 Lab File: VY001371.D
 Acq: 24 Jan 2020 10:40

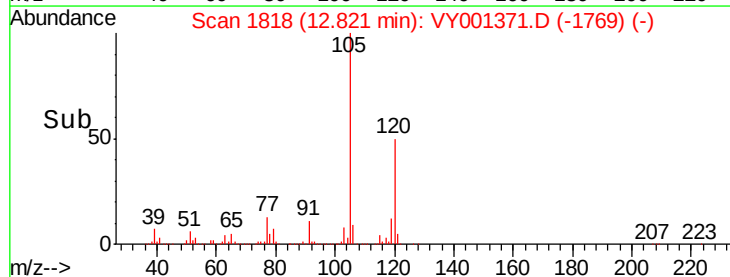
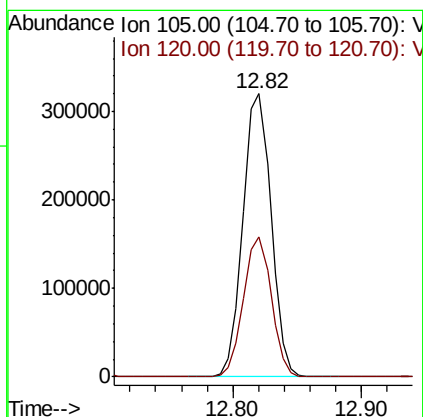
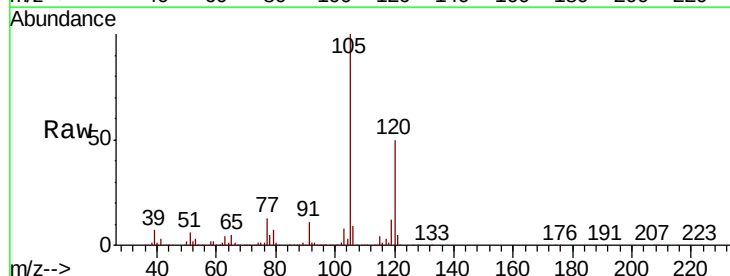
Instrument :
 MSVOA_Y
 ClientSampled :

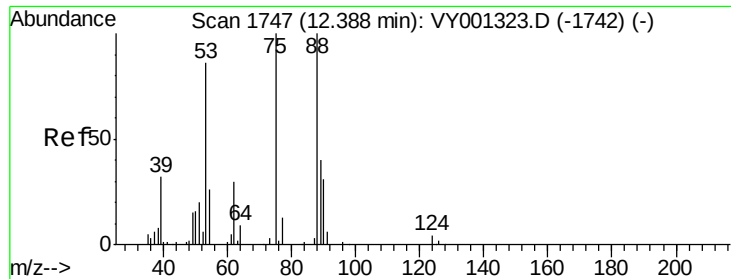
Tot Ion: 91 Resp: 396578
 Ion Ratio Lower Upper
 91 100
 126 33.1 16.6 49.7



#80
 1,3,5-Trimethylbenzene
 Concen: 51.102 ug/l
 RT: 12.82 min Scan# 1818
 Delta R.T. -0.00 min
 Lab File: VY001371.D
 Acq: 24 Jan 2020 10:40

Tgt Ion: 105 Resp: 482747
 Ion Ratio Lower Upper
 105 100
 120 49.1 24.3 72.9

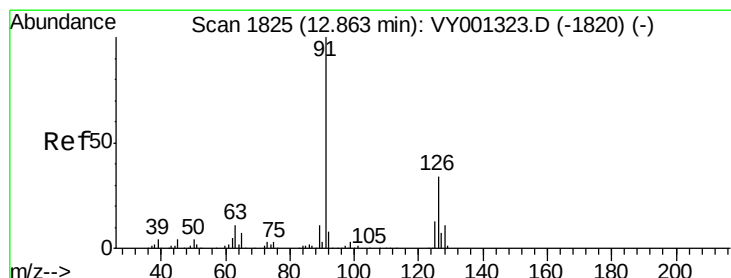
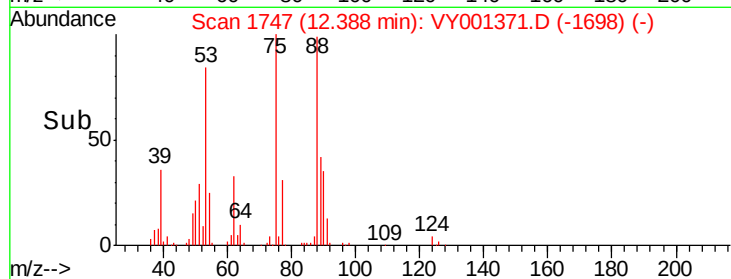
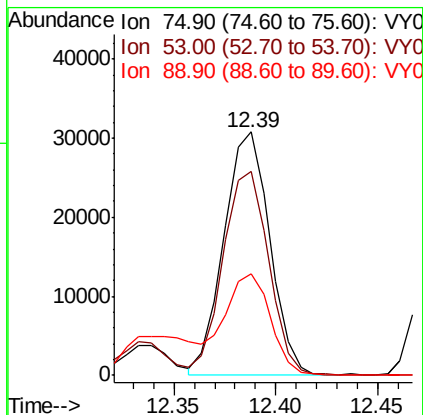
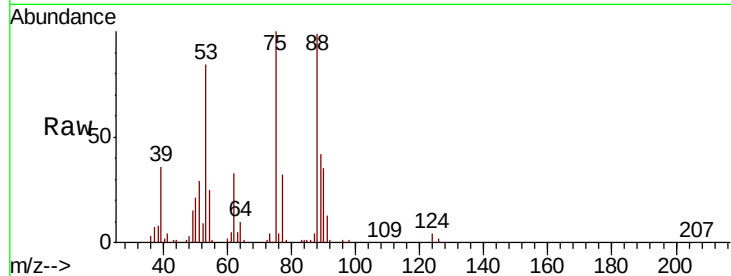




#81
trans-1,4-Dichloro-2-butene
Concen: 52.129 ug/l
RT: 12.39 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VY001371.D
Acq: 24 Jan 2020 10:40

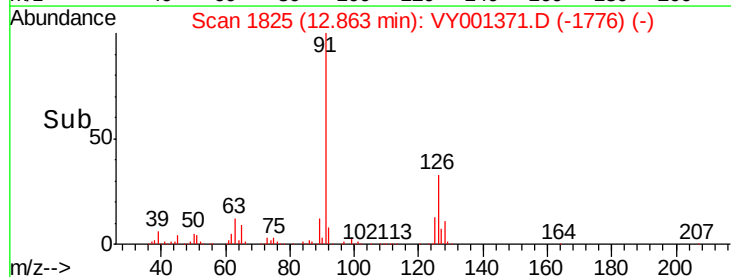
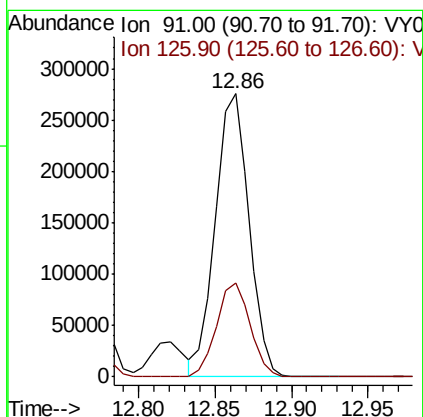
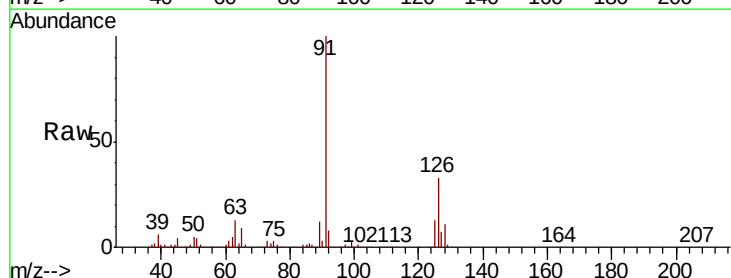
Instrument :
MSVOA_Y
ClientSampleId :

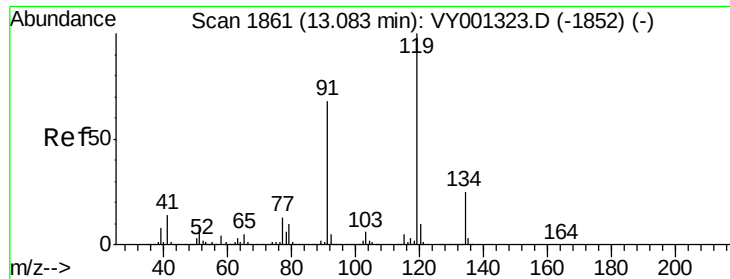
Tot Ion: 75 Resp: 47608
Ion Ratio Lower Upper
75 100
53 84.1 69.9 104.9
89 42.1 36.6 54.8



#82
4-Chlorotoluene
Concen: 50.692 ug/l
RT: 12.86 min Scan# 1825
Delta R.T. -0.00 min
Lab File: VY001371.D
Acq: 24 Jan 2020 10:40

Tgt Ion: 91 Resp: 421380
Ion Ratio Lower Upper
91 100
126 33.1 16.4 49.4

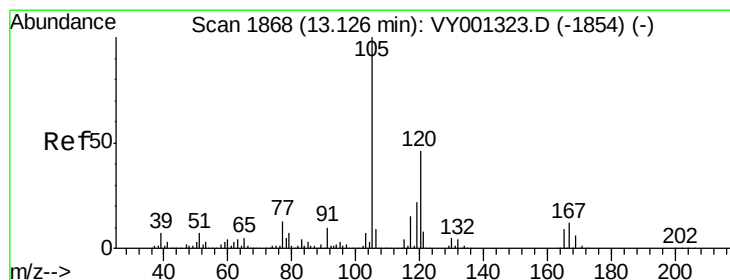
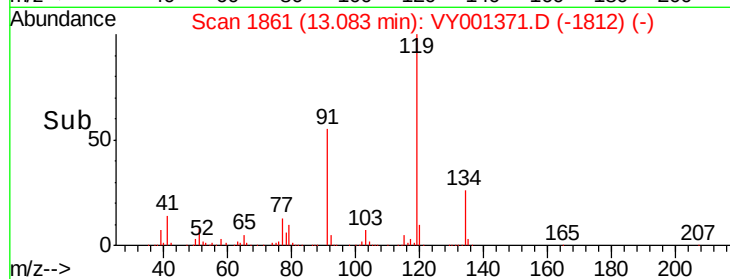
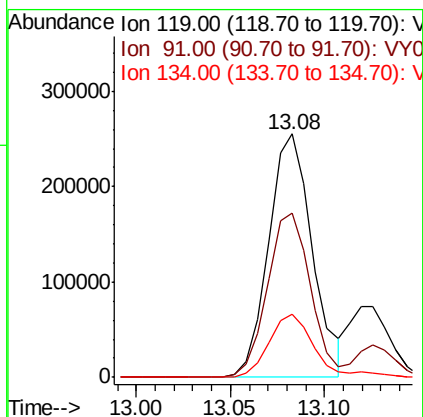
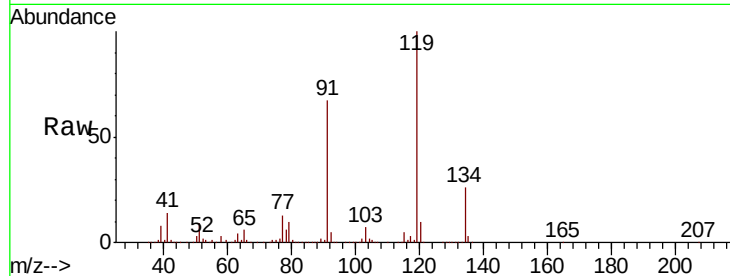




#83
 tert-Butylbenzene
 Concen: 51.523 ug/l
 RT: 13.08 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: VY001371.D
 Acq: 24 Jan 2020 10:40

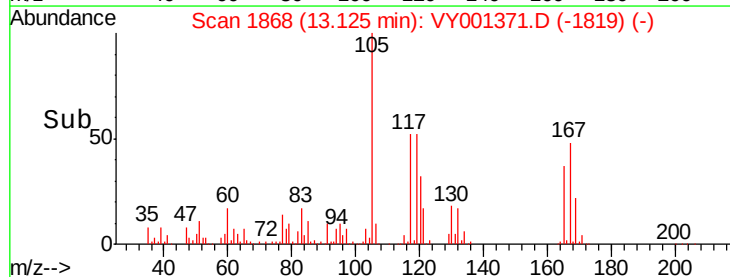
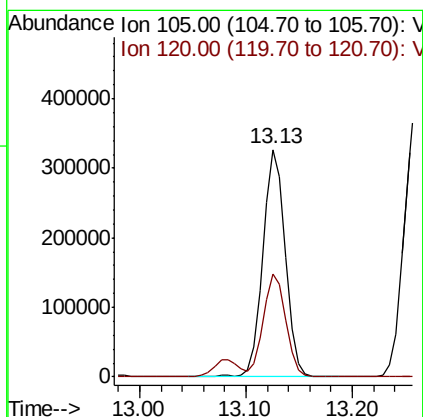
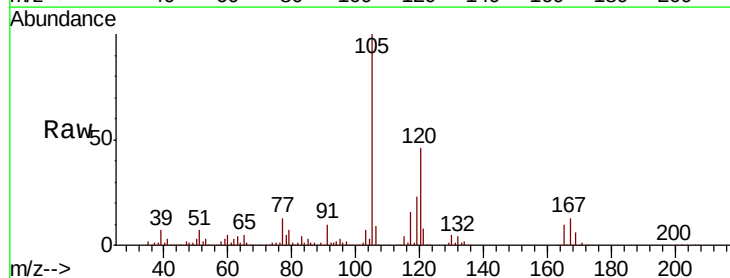
Instrument :
 MSVOA_Y
 ClientSampleId :

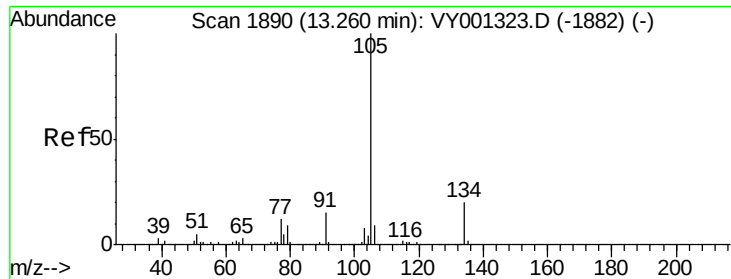
Tot Ion:119 Resp: 410276
 Ion Ratio Lower Upper
 119 100
 91 66.5 33.0 99.0
 134 27.1 13.3 39.9



#84
 1,2,4-Trimethylbenzene
 Concen: 50.794 ug/l
 RT: 13.13 min Scan# 1868
 Delta R.T. -0.00 min
 Lab File: VY001371.D
 Acq: 24 Jan 2020 10:40

Tgt Ion:105 Resp: 481749
 Ion Ratio Lower Upper
 105 100
 120 45.3 22.4 67.3





#85

sec-Butylbenzene

Concen: 52.371 ug/l

RT: 13.26 min Scan# 1890

Delta R.T. -0.00 min

Lab File: VY001371.D

Acq: 24 Jan 2020 10:40

Instrument :

MSVOA_Y

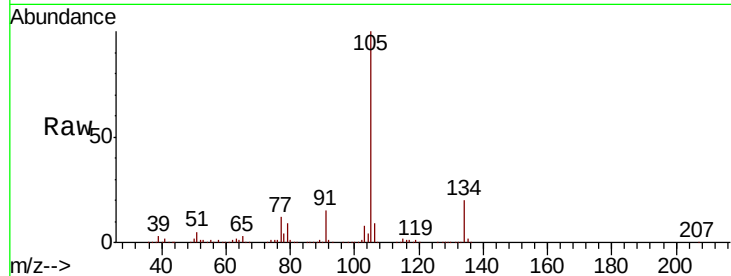
ClientSampleId :

Tot Ion:105 Resp: 592505

Ion Ratio Lower Upper

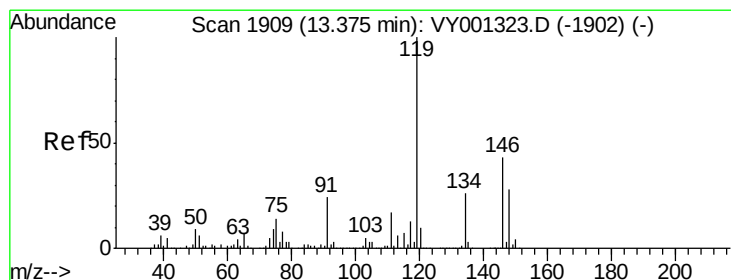
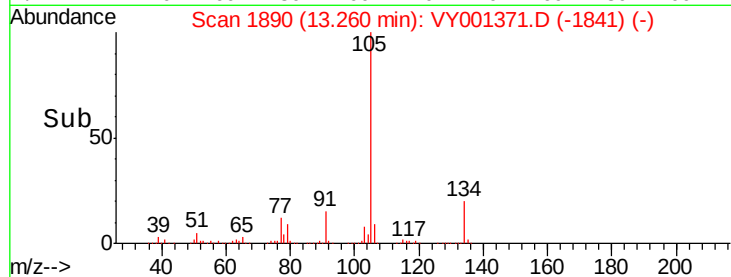
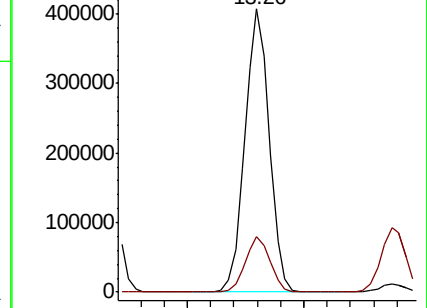
105 100

134 19.7 9.8 29.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 51.920 ug/l

RT: 13.38 min Scan# 1909

Delta R.T. -0.00 min

Lab File: VY001371.D

Acq: 24 Jan 2020 10:40

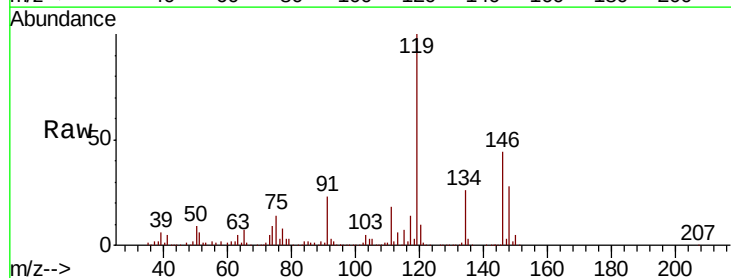
Tgt Ion:119 Resp: 517642

Ion Ratio Lower Upper

119 100

134 26.6 13.5 40.4

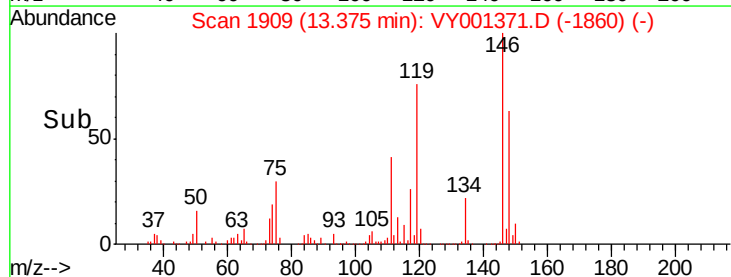
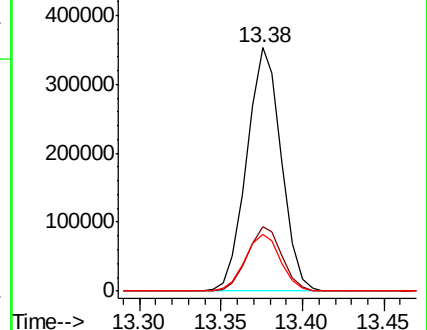
91 23.9 12.2 36.6

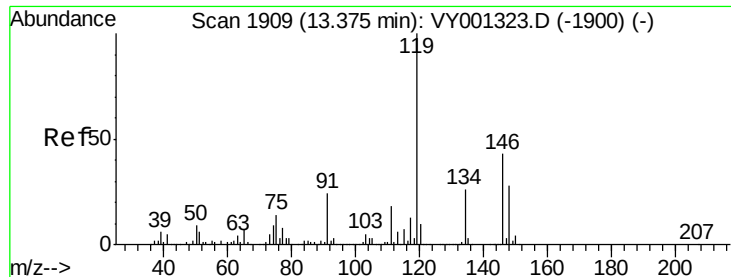


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

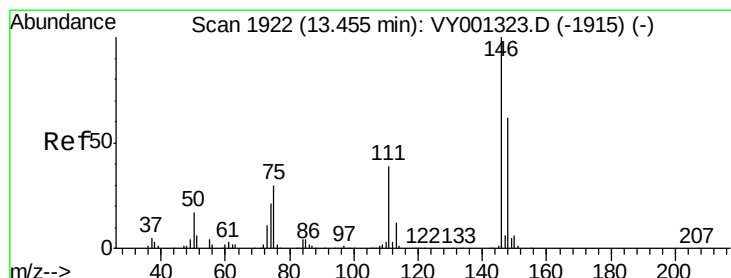
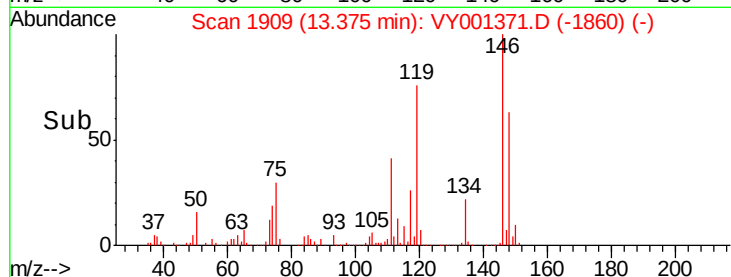
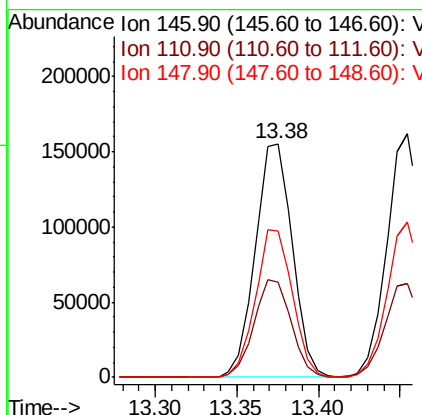
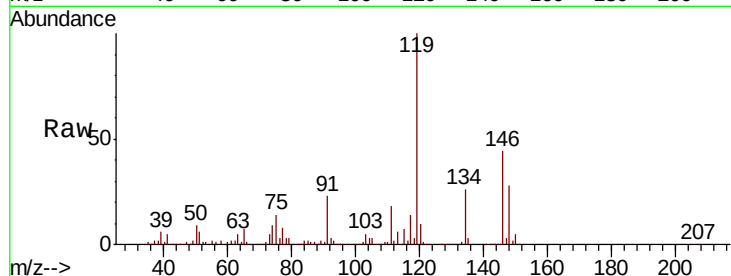




#87
 1,3-Dichlorobenzene
 Concen: 51.012 ug/l
 RT: 13.38 min Scan# 1909
 Delta R.T. -0.00 min
 Lab File: VY001371.D
 Acq: 24 Jan 2020 10:40

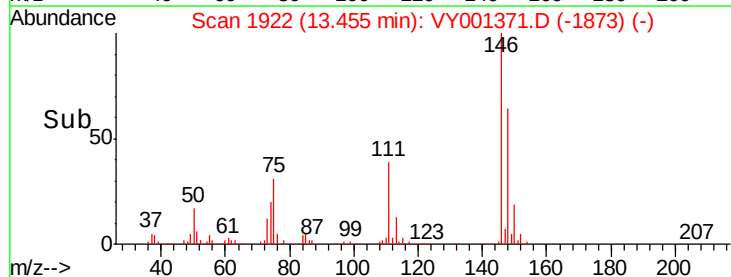
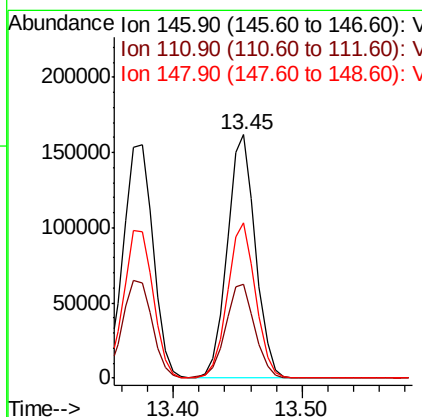
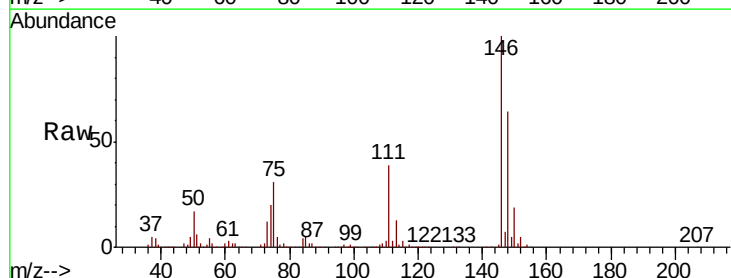
Instrument :
 MSVOA_Y
 ClientSampled :

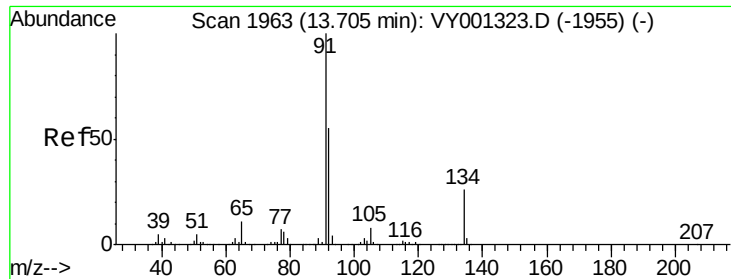
Tot Ion:146 Resp: 246266
 Ion Ratio Lower Upper
 146 100
 111 41.8 20.6 61.8
 148 62.7 31.6 95.0



#88
 1,4-Dichlorobenzene
 Concen: 50.490 ug/l
 RT: 13.45 min Scan# 1922
 Delta R.T. -0.00 min
 Lab File: VY001371.D
 Acq: 24 Jan 2020 10:40

Tgt Ion:146 Resp: 247486
 Ion Ratio Lower Upper
 146 100
 111 39.8 20.5 61.5
 148 63.5 31.6 95.0





#89

n-Butylbenzene

Concen: 52.426 ug/l

RT: 13.70 min Scan# 1963

Delta R.T. -0.00 min

Lab File: VY001371.D

Acq: 24 Jan 2020 10:40

Instrument :

MSVOA_Y

ClientSampleId :

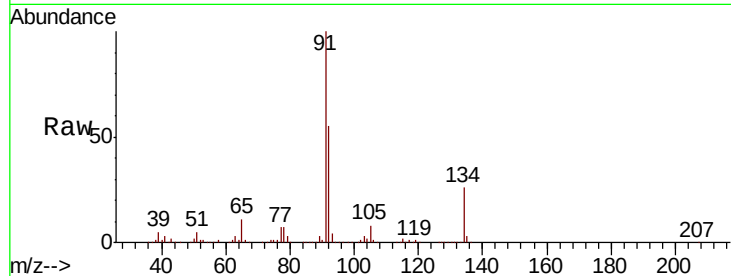
Tot Ion: 91 Resp: 526042

Ion Ratio Lower Upper

91 100

92 54.7 27.6 82.8

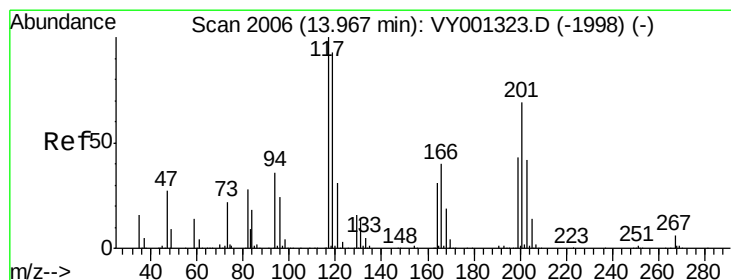
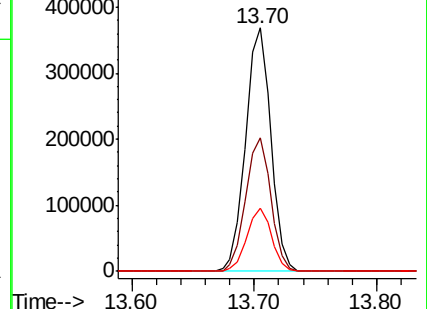
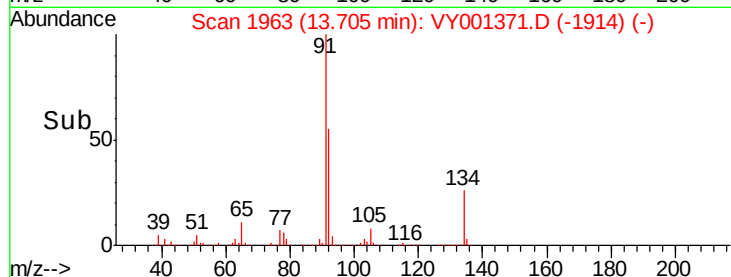
134 25.4 12.9 38.6



Abundance Ion 91.00 (90.70 to 91.70): VY001371.D (-1914) (-)

Ion 92.00 (91.70 to 92.70): VY001371.D (-1914) (-)

Ion 134.00 (133.70 to 134.70): VY001371.D (-1914) (-)



#90

Hexachloroethane

Concen: 52.566 ug/l

RT: 13.97 min Scan# 2006

Delta R.T. -0.00 min

Lab File: VY001371.D

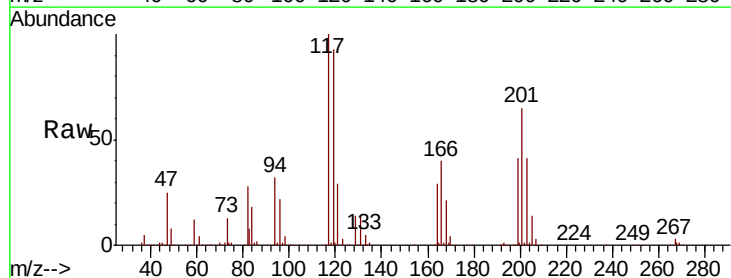
Acq: 24 Jan 2020 10:40

Tgt Ion: 117 Resp: 99342

Ion Ratio Lower Upper

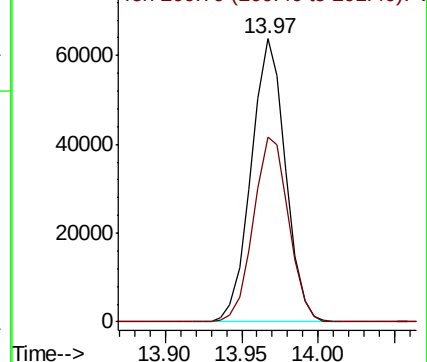
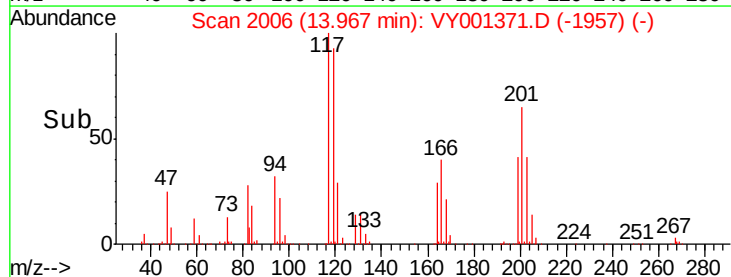
117 100

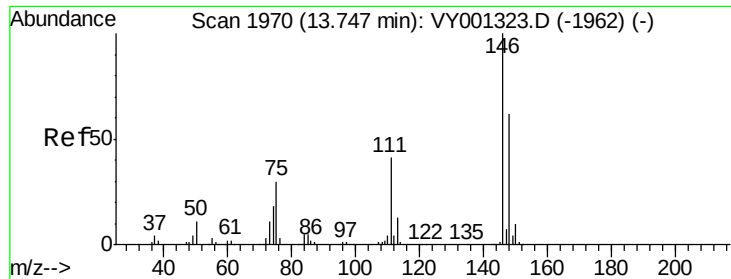
201 67.4 34.6 103.8



Abundance Ion 116.80 (116.50 to 117.50): VY001371.D (-1957) (-)

Ion 200.70 (200.40 to 201.40): VY001371.D (-1957) (-)

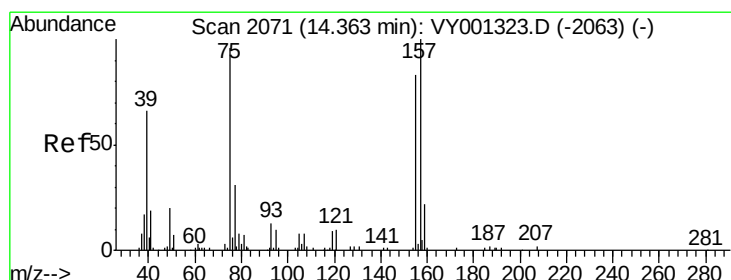
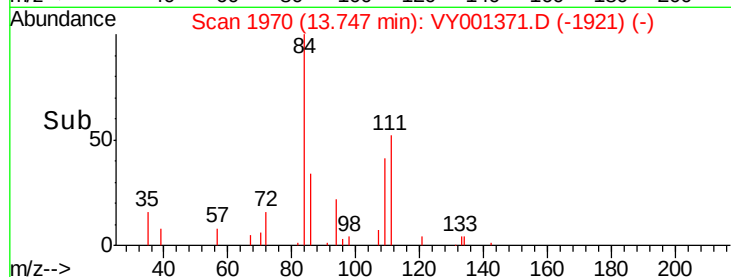
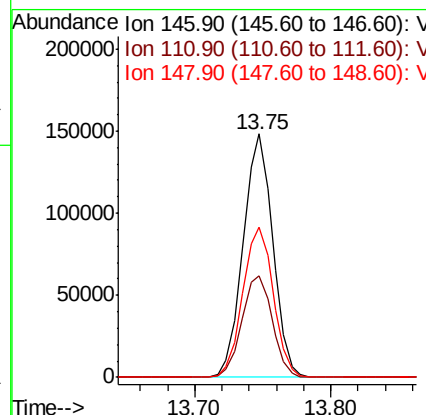
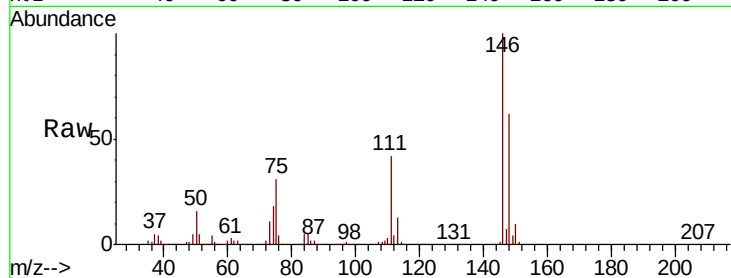




#91
 1,2-Dichlorobenzene
 Concen: 50.719 ug/l
 RT: 13.75 min Scan# 1970
 Delta R.T. -0.00 min
 Lab File: VY001371.D
 Acq: 24 Jan 2020 10:40

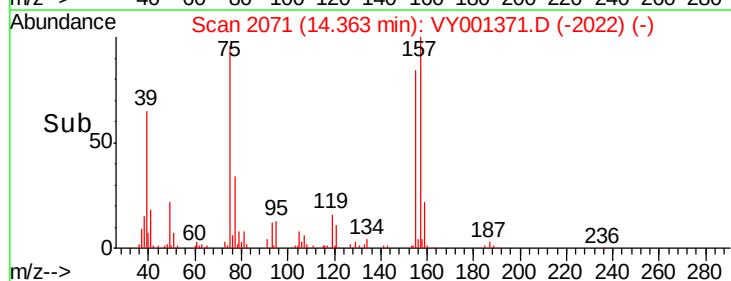
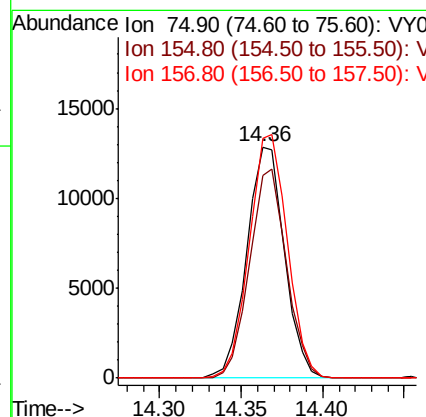
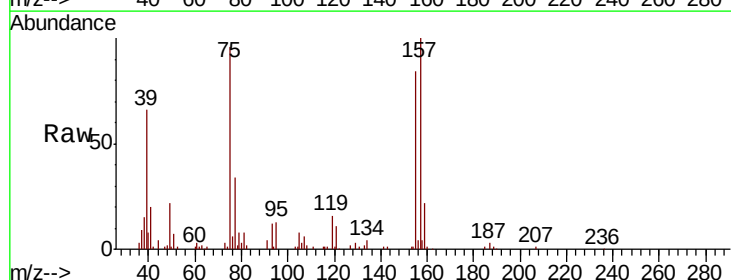
Instrument :
 MSVOA_Y
 ClientSampleId :

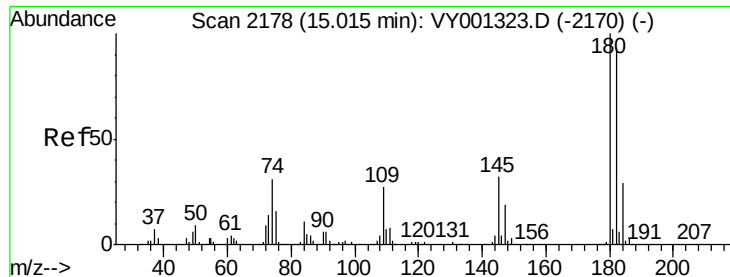
Tot Ion	Ratio	Lower	Upper
146	100		
111	42.9	21.1	63.4
148	63.5	31.5	94.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.472 ug/l
 RT: 14.36 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VY001371.D
 Acq: 24 Jan 2020 10:40

Tgt Ion	Ratio	Lower	Upper
75	100		
155	88.7	43.0	129.2
157	106.4	53.3	160.0

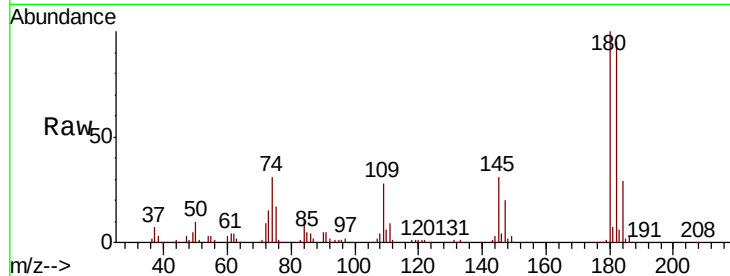




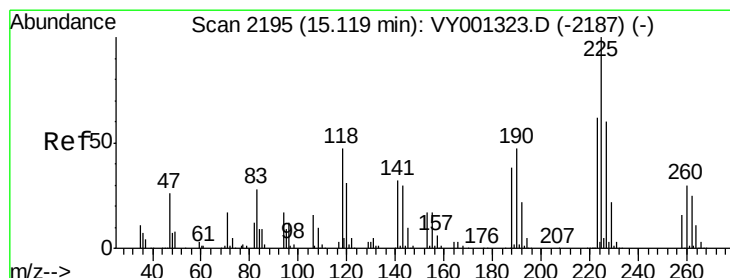
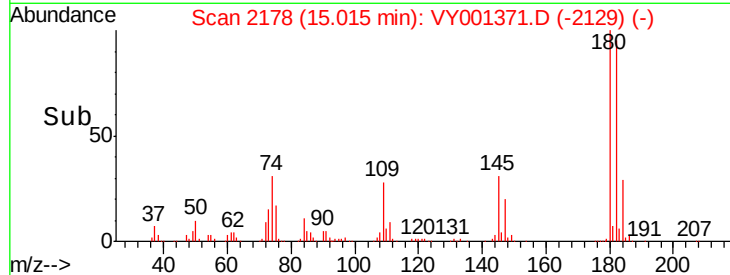
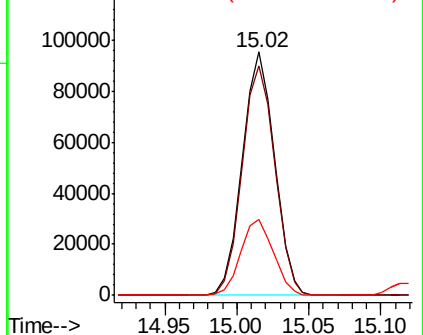
#93
 1,2,4-Trichlorobenzene
 Concen: 49.433 ug/l
 RT: 15.02 min Scan# 2178
 Delta R.T. -0.00 min
 Lab File: VY001371.D
 Acq: 24 Jan 2020 10:40

Instrument :
 MSVOA_Y
 ClientSampled :

Tot Ion:180 Resp: 147712
 Ion Ratio Lower Upper
 180 100
 182 95.6 47.6 142.8
 145 31.7 16.3 48.9

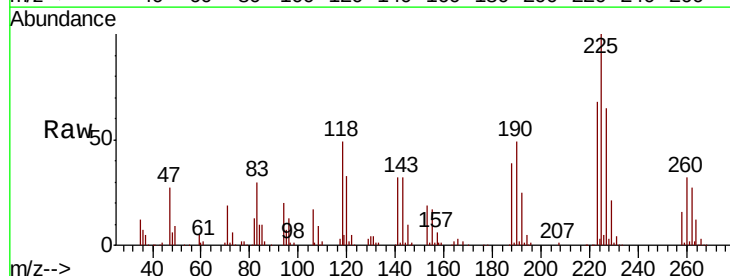


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

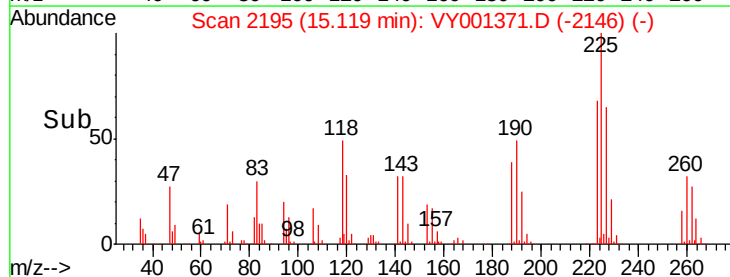
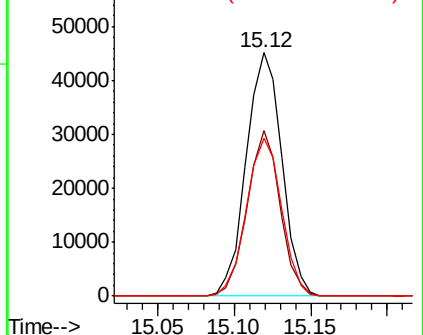


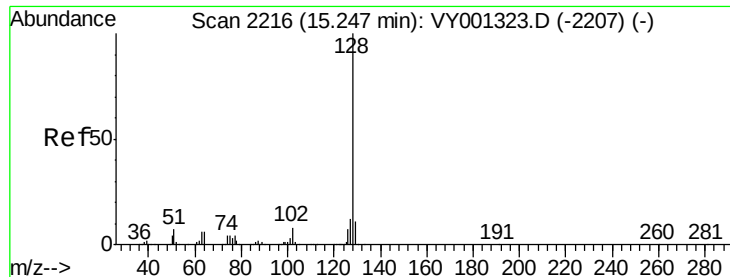
#94
 Hexachlorobutadiene
 Concen: 50.303 ug/l
 RT: 15.12 min Scan# 2195
 Delta R.T. -0.00 min
 Lab File: VY001371.D
 Acq: 24 Jan 2020 10:40

Tgt Ion:225 Resp: 73190
 Ion Ratio Lower Upper
 225 100
 223 63.0 31.2 93.6
 227 63.8 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

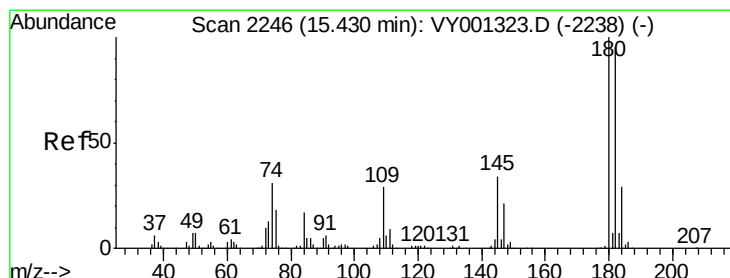
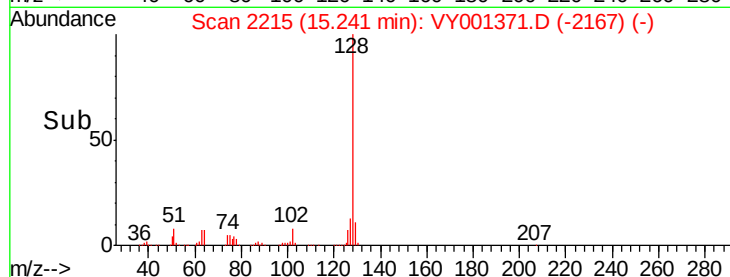
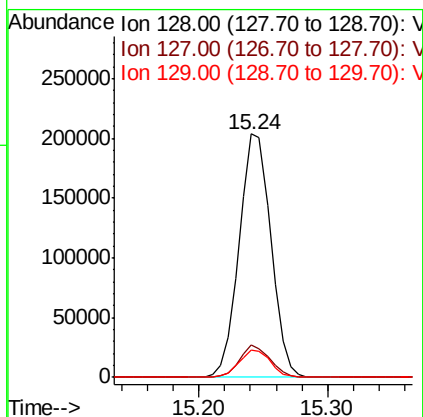
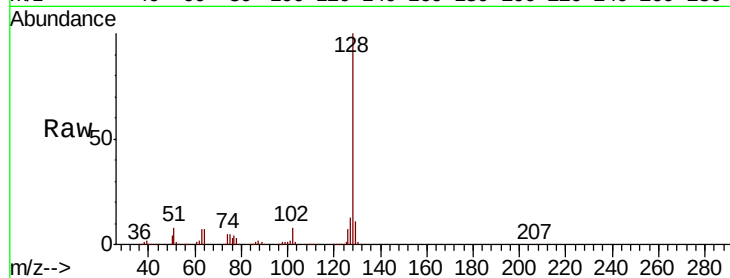




#95
Naphthalene
Concen: 50.709 ug/l
RT: 15.24 min Scan# 2215
Delta R.T. -0.01 min
Lab File: VY001371.D
Acq: 24 Jan 2020 10:40

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:128 Resp: 346483
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.2
129 11.0 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 49.731 ug/l
RT: 15.43 min Scan# 2246
Delta R.T. -0.00 min
Lab File: VY001371.D
Acq: 24 Jan 2020 10:40

Tgt Ion:180 Resp: 130357
Ion Ratio Lower Upper
180 100
182 95.0 47.3 141.8
145 32.9 16.8 50.3

