

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY012420\
 Data File : VY001378.D
 Acq On : 24 Jan 2020 13:43
 Operator : SY/MD
 Sample : VY0124SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 25 03:48:27 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	7.82	168	187928	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	322691	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	285441	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	137552	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.17	65	99207	48.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.02%	
35) Dibromofluoromethane	7.75	113	91954	48.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.10%	
50) Toluene-d8	10.19	98	373386	50.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.48%	
62) 4-Bromofluorobenzene	12.49	95	136908	46.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	33853	22.843	ug/l	100
3) Chloromethane	2.13	50	47723	21.306	ug/l	99
4) Vinyl Chloride	2.26	62	49788	21.318	ug/l	97
5) Bromomethane	2.65	94	34011	21.623	ug/l	98
6) Chloroethane	2.80	64	31487	21.098	ug/l	96
7) Trichlorofluoromethane	3.15	101	66939	22.401	ug/l	93
8) Diethyl Ether	3.55	74	25873	20.510	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.93	101	42609	22.390	ug/l	98
10) Methyl Iodide	4.12	142	47898	19.083	ug/l	98
11) Tert butyl alcohol	4.99	59	32291	115.145	ug/l #	86
12) 1,1-Dichloroethene	3.90	96	43077	21.589	ug/l	95
13) Acrolein	3.75	56	18181	112.783	ug/l	96
14) Allyl chloride	4.51	41	75109	21.108	ug/l	99
15) Acrylonitrile	5.20	53	65978	102.179	ug/l	99
16) Acetone	3.97	43	60237	107.500	ug/l	96
17) Carbon Disulfide	4.22	76	134210	21.387	ug/l	97
18) Methyl Acetate	4.51	43	34615	20.073	ug/l	100
19) Methyl tert-butyl Ether	5.25	73	119174	20.398	ug/l	97
20) Methylene Chloride	4.75	84	50397	17.175	ug/l	96
21) trans-1,2-Dichloroethene	5.25	96	48315	20.846	ug/l	96
22) Diisopropyl ether	6.15	45	152122	20.133	ug/l	96
23) Vinyl Acetate	6.10	43	501016	102.136	ug/l	99
24) 1,1-Dichloroethane	6.05	63	82473	20.708	ug/l	98
25) 2-Butanone	7.02	43	93185	104.695	ug/l	99
26) 2,2-Dichloropropane	7.02	77	72560	20.453	ug/l	99
27) cis-1,2-Dichloroethene	7.02	96	52962	20.446	ug/l	98
28) Bromochloromethane	7.36	49	31233	19.016	ug/l	99
29) Tetrahydrofuran	7.38	42	59028	101.937	ug/l	100
30) Chloroform	7.53	83	79389	20.337	ug/l	97
31) Cyclohexane	7.81	56	83534	21.125	ug/l	95
32) 1,1,1-Trichloroethane	7.73	97	69552	21.101	ug/l	99
36) 1,1-Dichloropropene	7.94	75	66464	21.801	ug/l	99
37) Ethyl Acetate	7.11	43	39375	21.140	ug/l	100
38) Carbon Tetrachloride	7.92	117	60253	22.176	ug/l	100

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 MSVOA_Y
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Quant Time: Jan 25 03:48:27 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)
39) Methylcyclohexane	9.20	83	88902	22.764	ug/l	97
40) Benzene	8.18	78	196070	21.449	ug/l	100
41) Methacrylonitrile	7.38	41	54556	56.759	ug/l #	100
42) 1,2-Dichloroethane	8.26	62	53208	20.832	ug/l	99
43) Isopropyl Acetate	8.30	43	77474	21.391	ug/l	99
44) Trichloroethene	8.96	130	50093	21.355	ug/l	99
45) 1,2-Dichloropropane	9.24	63	49688	21.502	ug/l	98
46) Dibromomethane	9.32	93	25143	20.267	ug/l	97
47) Bromodichloromethane	9.51	83	63008	21.246	ug/l	98
48) Methyl methacrylate	9.31	41	34524	20.968	ug/l	99
49) 1,4-Dioxane	9.31	88	7463	426.593	ug/l	97
51) 4-Methyl-2-Pentanone	10.08	43	198022	106.167	ug/l	99
52) Toluene	10.25	92	122853	21.202	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	68992	20.989	ug/l	99
54) cis-1,3-Dichloropropene	9.94	75	78813	20.889	ug/l	100
55) 1,1,2-Trichloroethane	10.66	97	38102	20.809	ug/l	96
56) Ethyl methacrylate	10.52	69	56906	20.562	ug/l	99
57) 1,3-Dichloropropane	10.80	76	66473	20.840	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.80	63	104379	108.995	ug/l	99
59) 2-Hexanone	10.84	43	143512	110.522	ug/l	99
60) Dibromochloromethane	10.99	129	41346	20.189	ug/l	99
61) 1,2-Dibromoethane	11.10	107	36351	21.000	ug/l	97
64) Tetrachloroethene	10.73	164	39190	21.494	ug/l	97
65) Chlorobenzene	11.52	112	125894	20.924	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	42960	20.923	ug/l	98
67) Ethyl Benzene	11.60	91	236627	21.341	ug/l	100
68) m/p-Xylenes	11.70	106	177247	42.800	ug/l	99
69) o-Xylene	12.03	106	84613	21.239	ug/l	99
70) Styrene	12.05	104	145957	20.881	ug/l	99
71) Bromoform	12.22	173	24421	19.924	ug/l #	98
73) Isopropylbenzene	12.33	105	226942	20.909	ug/l	99
74) N-amyl acetate	12.15	43	73287	20.628	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.59	83	47473	20.423	ug/l	98
76) 1,2,3-Trichloropropane	12.64	75	62183	37.516	ug/l #	100
77) Bromobenzene	12.61	156	48635	20.230	ug/l	99
78) n-propylbenzene	12.67	91	277269	21.223	ug/l	100
79) 2-Chlorotoluene	12.76	91	154561	20.709	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	191631	21.151	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.39	75	17050	19.466	ug/l	96
82) 4-Chlorotoluene	12.86	91	165800	20.797	ug/l	100
83) tert-Butylbenzene	13.08	119	158143	20.707	ug/l	98
84) 1,2,4-Trimethylbenzene	13.13	105	189731	20.859	ug/l	98
85) sec-Butylbenzene	13.26	105	234478	21.610	ug/l	100
86) p-Isopropyltoluene	13.37	119	207961	21.749	ug/l	98
87) 1,3-Dichlorobenzene	13.37	146	96899	20.929	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	99706	21.209	ug/l	99
89) n-Butylbenzene	13.70	91	209893	21.811	ug/l	98
90) Hexachloroethane	13.97	117	37763	20.835	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	89267	20.906	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	8376	20.882	ug/l	94

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Instrument :
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Quant Time: Jan 25 03:48:27 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

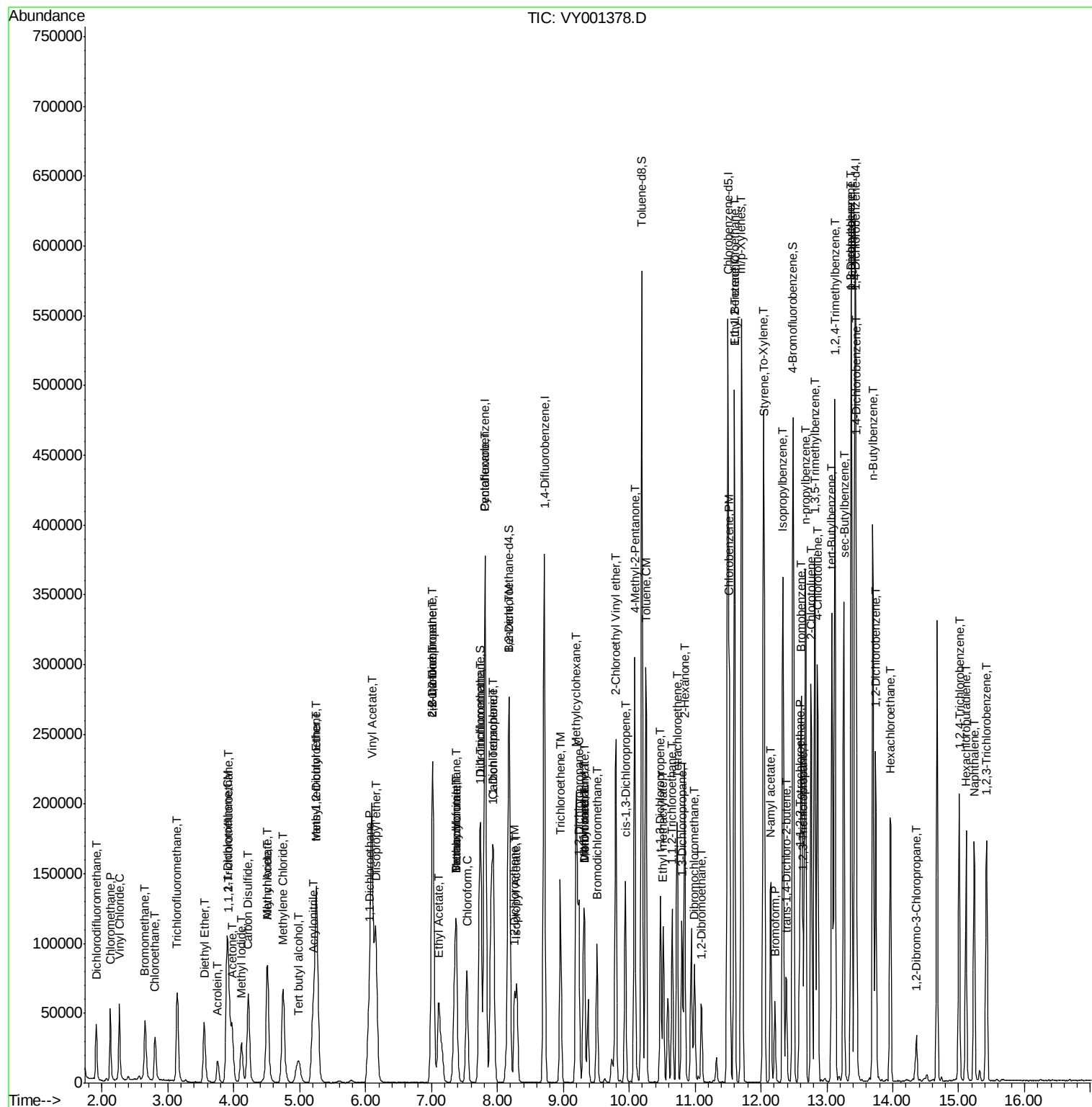
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	59671	20.822	ug/l	98
94) Hexachlorobutadiene	15.11	225	30227	21.662	ug/l	98
95) Naphthalene	15.23	128	137048	20.914	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	53222	21.171	ug/l	99

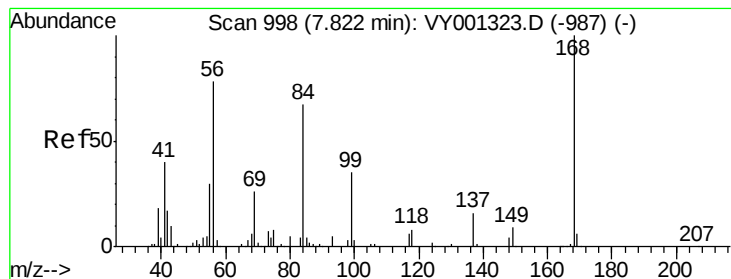
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY012420\
 Data File : VY001378.D
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 Sample : VY0124SBSD01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
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Quant Time: Jan 25 03:48:27 2020
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 Quant Title : SW846 8260
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 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. -0.01 min

Lab File: VY001378.D

Acq: 24 Jan 2020 13:43

Instrument :

MSVOA_Y

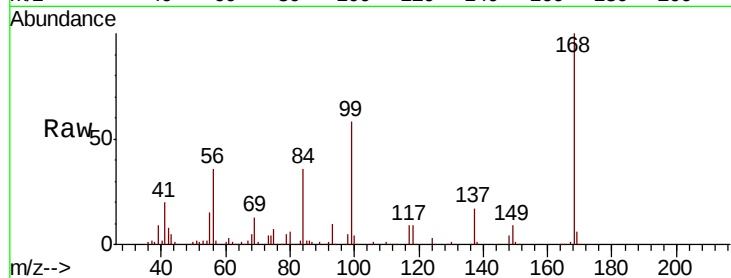
ClientSampleId :

Tot Ion:168 Resp: 187928

Ion Ratio Lower Upper

168 100

99 58.1 44.3 66.5

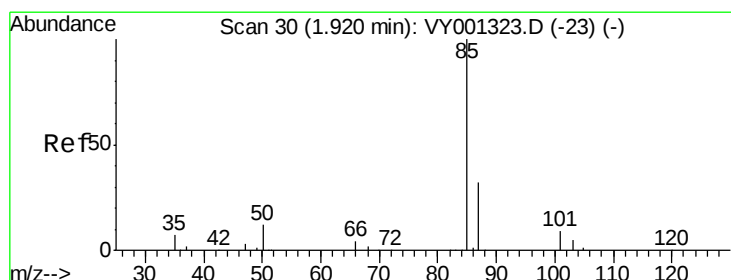
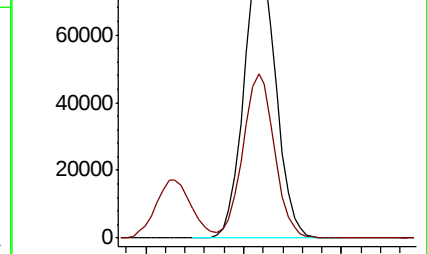
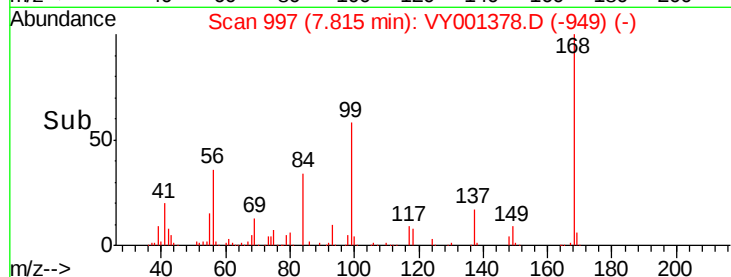


Abundance Ion 167.90 (167.60 to 168.60): VY001323.D (-987) (-)

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

7.82

Time-->



#2

Dichlorodifluoromethane

Concen: 22.843 ug/l

RT: 1.91 min Scan# 29

Delta R.T. -0.01 min

Lab File: VY001378.D

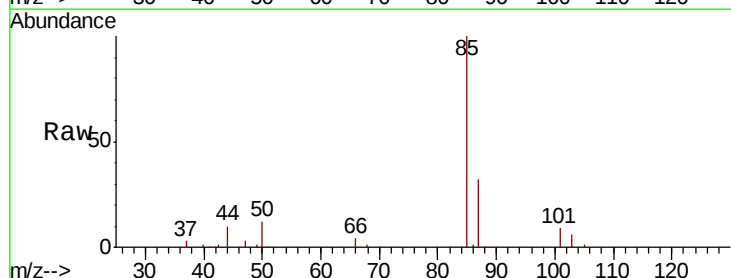
Acq: 24 Jan 2020 13:43

Tgt Ion: 85 Resp: 33853

Ion Ratio Lower Upper

85 100

87 32.2 16.0 48.0

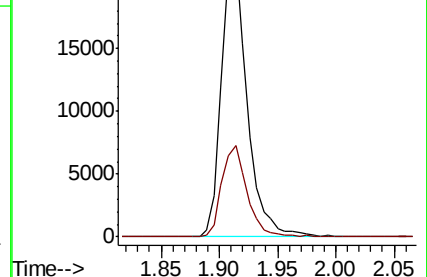
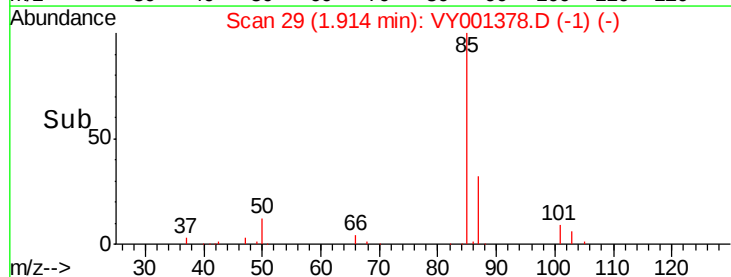


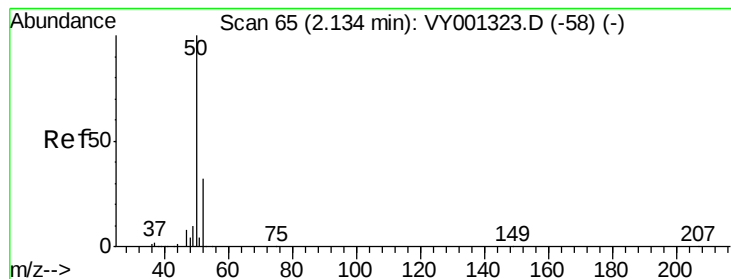
Abundance Ion 84.90 (84.60 to 85.60): VY001323.D (-23) (-)

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

1.91

Time-->





#3

Chloromethane

Concen: 21.306 ug/l

RT: 2.13 min Scan# 64

Delta R.T. -0.01 min

Lab File: VY001378.D

Acq: 24 Jan 2020 13:43

Instrument :

MSVOA_Y

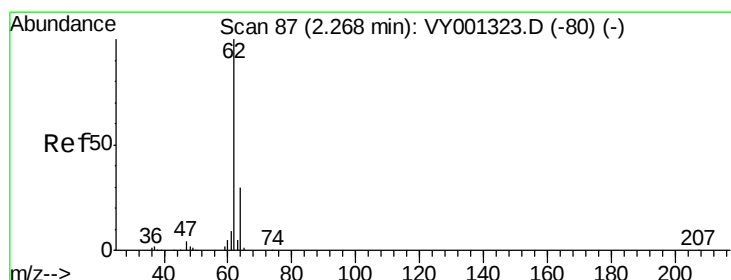
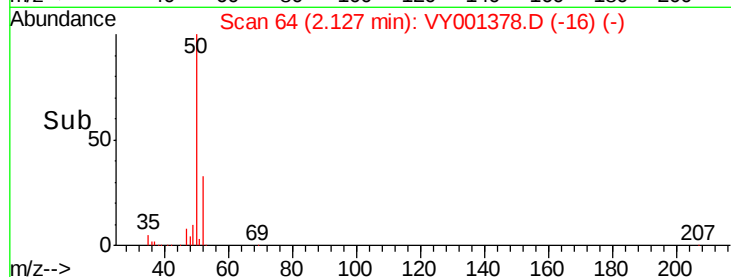
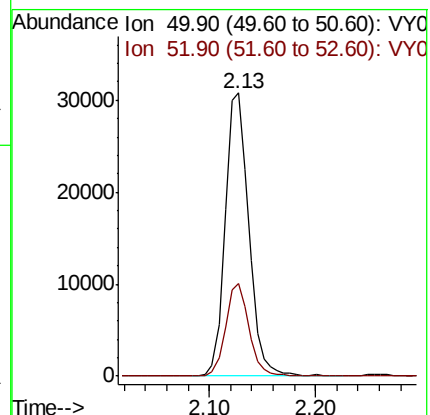
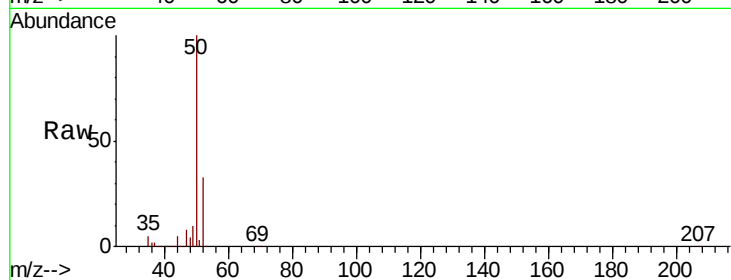
ClientSampleId :

Tot Ion: 50 Resp: 47723

Ion Ratio Lower Upper

50 100

52 32.7 25.7 38.5



#4

Vinyl Chloride

Concen: 21.318 ug/l

RT: 2.26 min Scan# 86

Delta R.T. -0.01 min

Lab File: VY001378.D

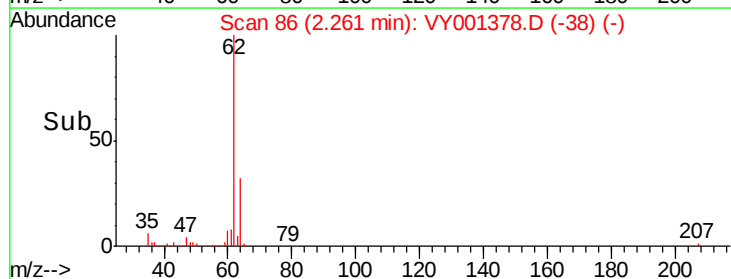
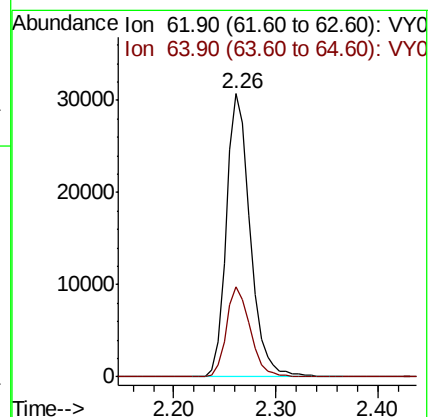
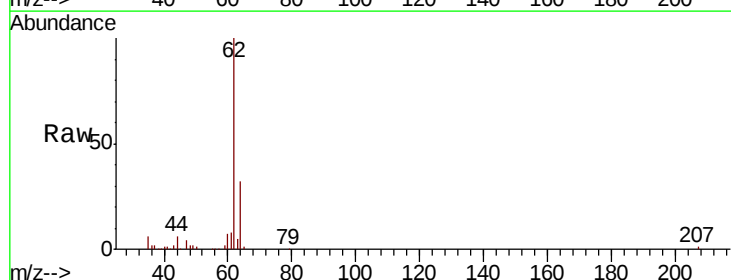
Acq: 24 Jan 2020 13:43

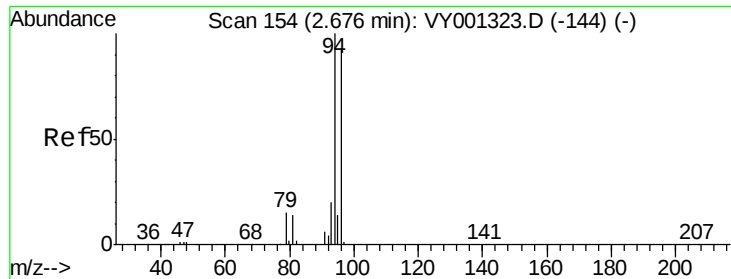
Tgt Ion: 62 Resp: 49788

Ion Ratio Lower Upper

62 100

64 31.7 23.9 35.9





#5

Bromomethane

Concen: 21.623 ug/l

RT: 2.65 min Scan# 150

Delta R.T. -0.02 min

Lab File: VY001378.D

Acq: 24 Jan 2020 13:43

Instrument :

MSVOA_Y

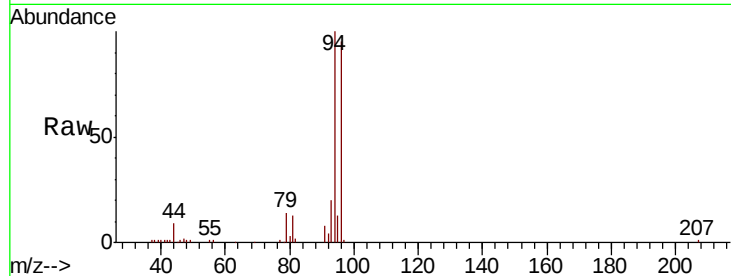
ClientSampleId :

Tot Ion: 94 Resp: 34011

Ion Ratio Lower Upper

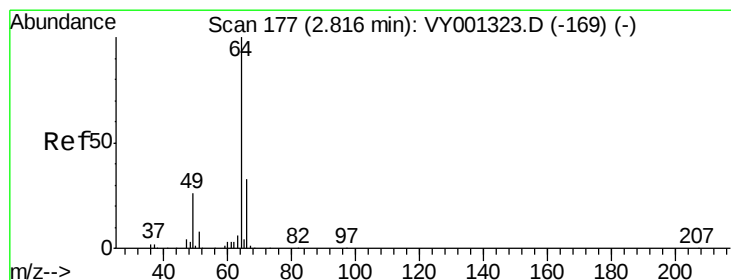
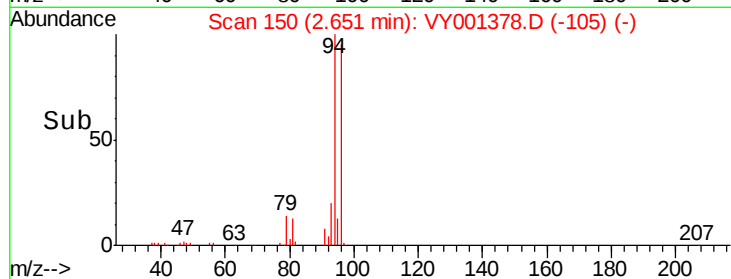
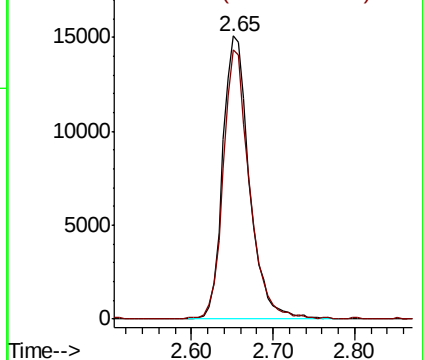
94 100

96 95.2 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: 21.098 ug/l

RT: 2.80 min Scan# 175

Delta R.T. -0.01 min

Lab File: VY001378.D

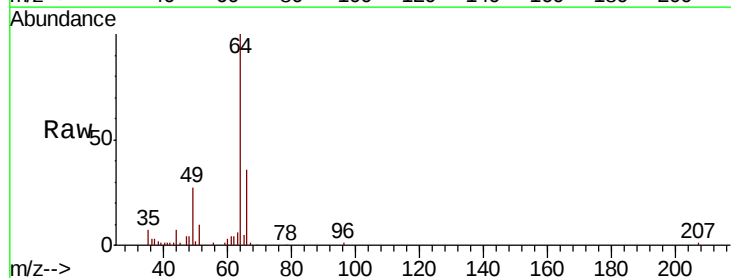
Acq: 24 Jan 2020 13:43

Tgt Ion: 64 Resp: 31487

Ion Ratio Lower Upper

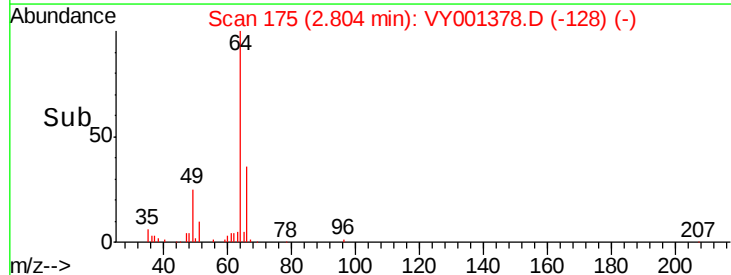
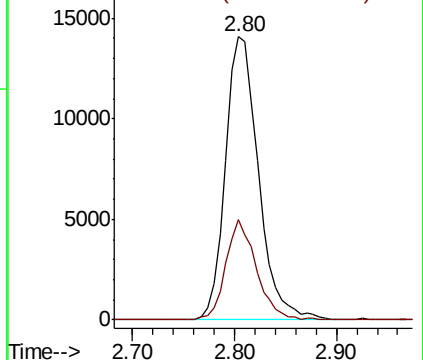
64 100

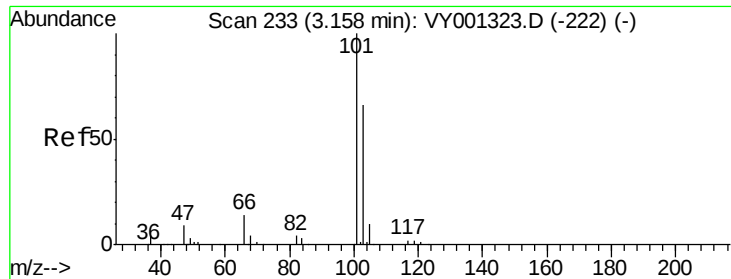
66 35.7 26.8 40.2



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



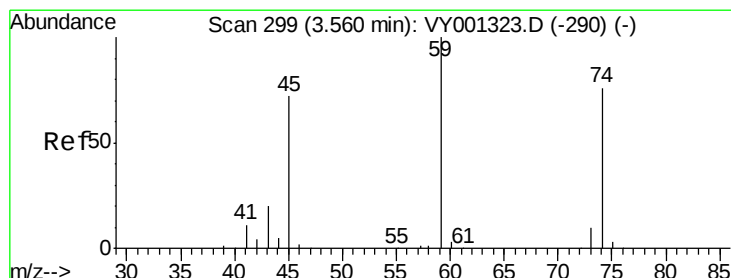
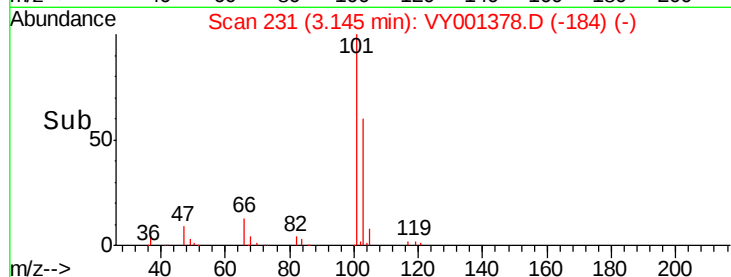
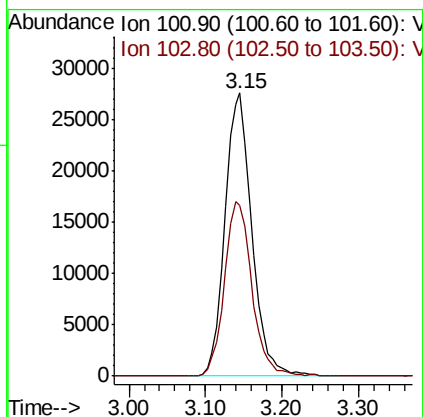
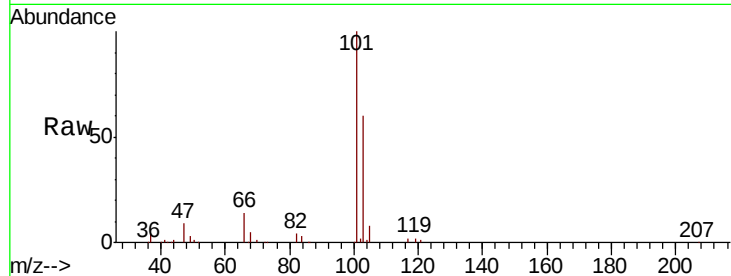


#7

Trichlorofluoromethane
Concen: 22.401 ug/l
RT: 3.15 min Scan# 231
Delta R.T. -0.01 min
Lab File: VY001378.D
Acq: 24 Jan 2020 13:43

Instrument :
MSVOA_Y
ClientSampleId :

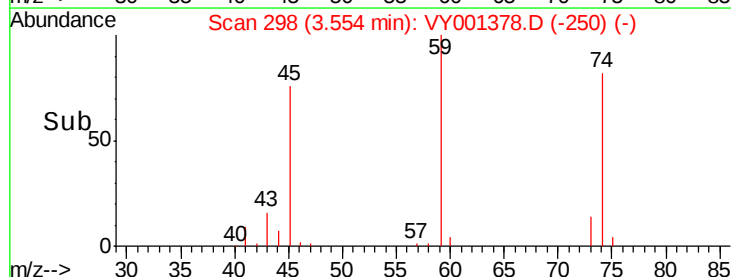
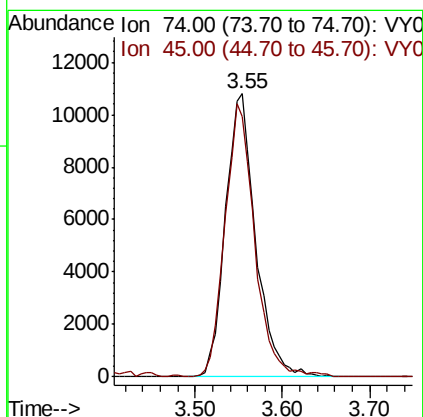
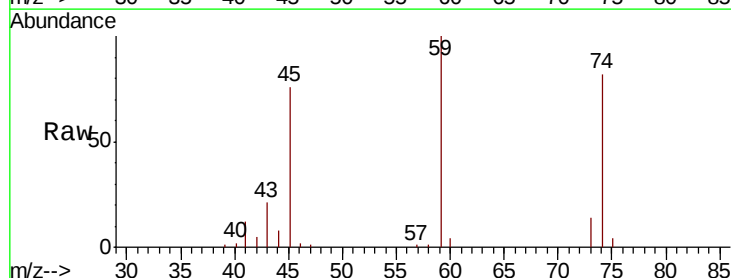
Tot Ion:101 Resp: 66939
Ion Ratio Lower Upper
101 100
103 60.4 52.5 78.7



#8

Diethyl Ether
Concen: 20.510 ug/l
RT: 3.55 min Scan# 298
Delta R.T. -0.01 min
Lab File: VY001378.D
Acq: 24 Jan 2020 13:43

Tgt Ion: 74 Resp: 25873
Ion Ratio Lower Upper
74 100
45 95.4 47.2 141.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.390 ug/l

RT: 3.93 min Scan# 359

Delta R.T. -0.01 min

Lab File: VY001378.D

Acq: 24 Jan 2020 13:43

Instrument :

MSVOA_Y

ClientSampleId :

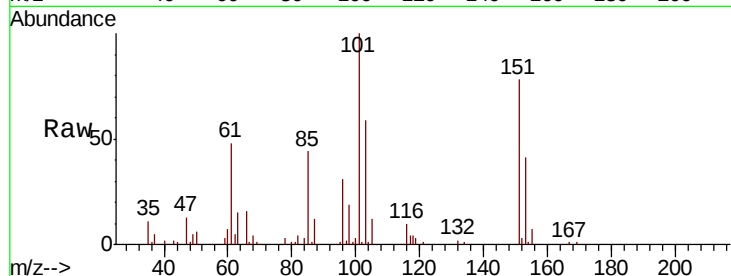
Tot Ion:101 Resp: 42609

Ion Ratio Lower Upper

101 100

85 43.8 34.9 52.3

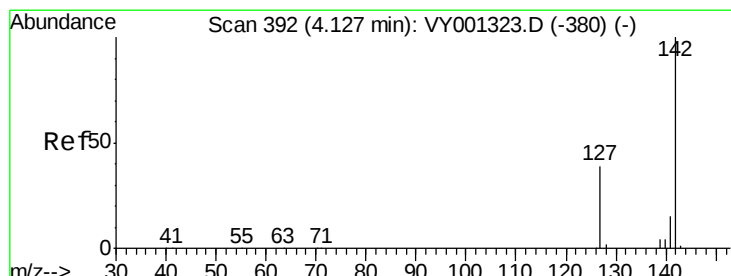
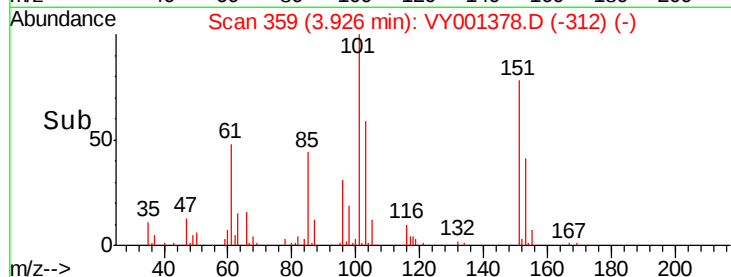
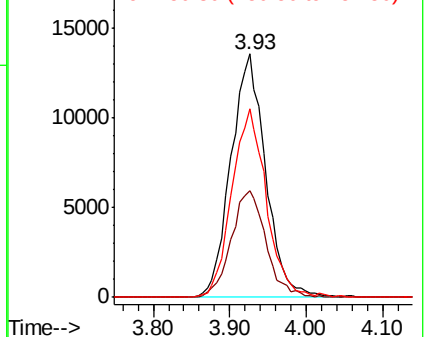
151 76.8 59.9 89.9



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: 19.083 ug/l

RT: 4.12 min Scan# 391

Delta R.T. -0.01 min

Lab File: VY001378.D

Acq: 24 Jan 2020 13:43

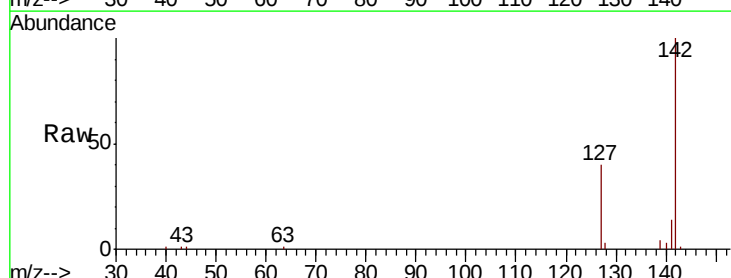
Tgt Ion:142 Resp: 47898

Ion Ratio Lower Upper

142 100

127 41.2 31.6 47.4

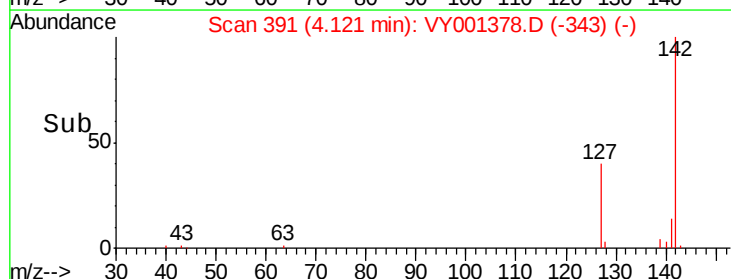
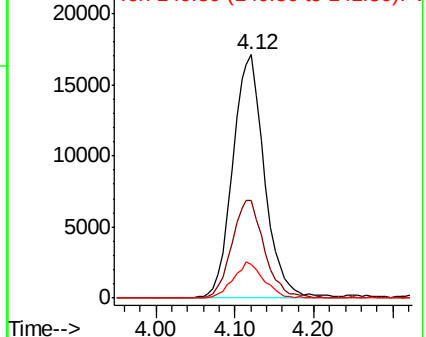
141 14.2 11.2 16.8

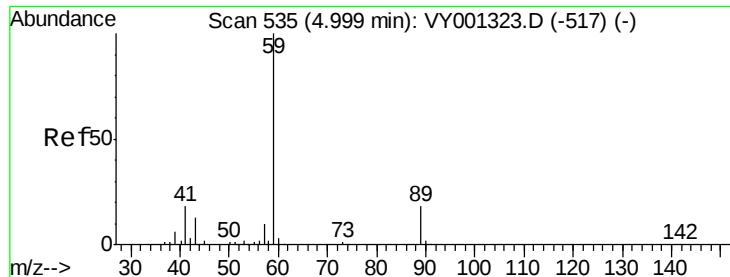


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

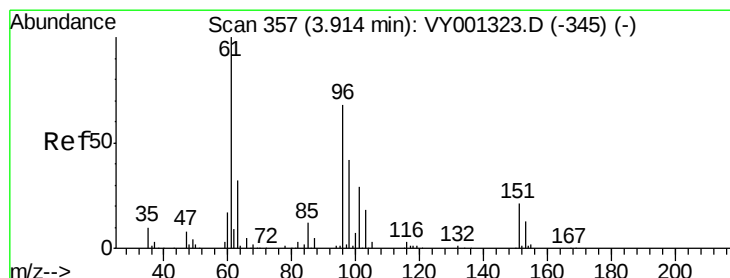
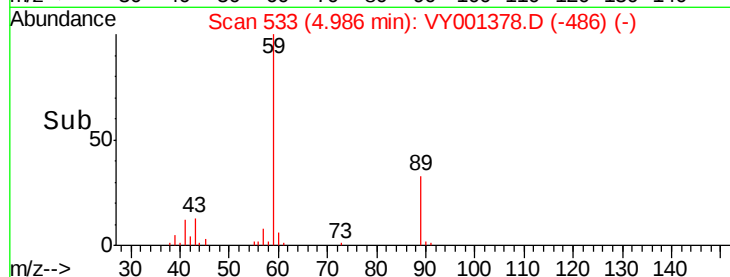
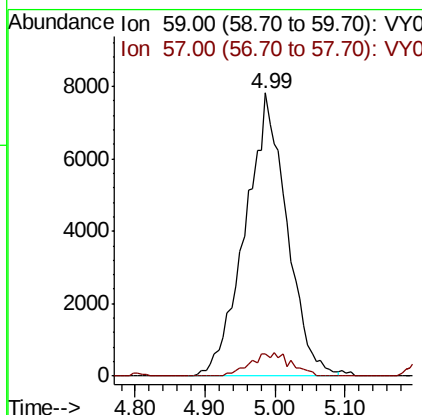
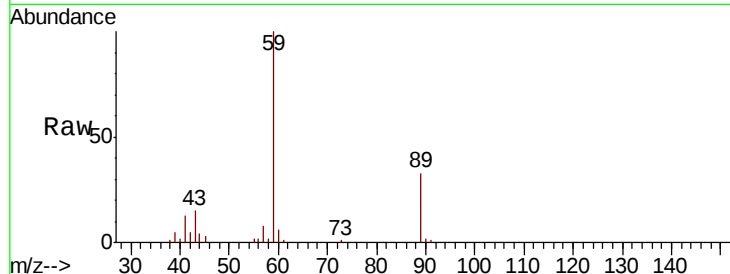




#11
Tert butyl alcohol
Concen: 115.145 ug/l
RT: 4.99 min Scan# 533
Delta R.T. -0.01 min
Lab File: VY001378.D
Acq: 24 Jan 2020 13:43

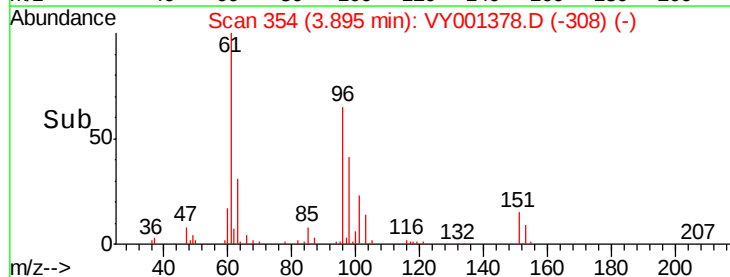
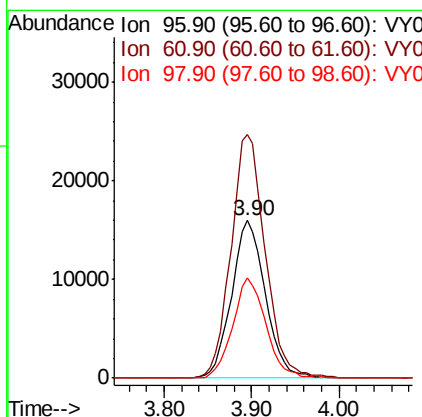
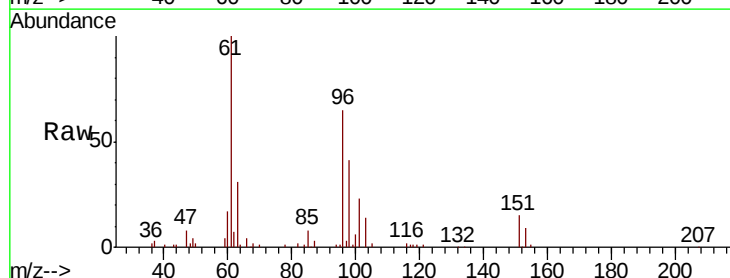
Instrument :
MSVOA_Y
ClientSampleId :

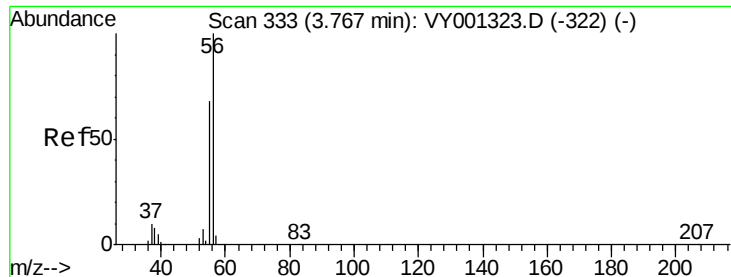
Tot Ion: 59 Resp: 32291
Ion Ratio Lower Upper
59 100
57 4.2 7.4 11.2#



#12
1,1-Dichloroethene
Concen: 21.589 ug/l
RT: 3.90 min Scan# 354
Delta R.T. -0.02 min
Lab File: VY001378.D
Acq: 24 Jan 2020 13:43

Tgt Ion: 96 Resp: 43077
Ion Ratio Lower Upper
96 100
61 154.6 118.0 177.0
98 63.9 49.4 74.2





#13

Acrolein

Concen: 112.783 ug/l

RT: 3.75 min Scan# 331

Delta R.T. -0.01 min

Lab File: VY001378.D

Acq: 24 Jan 2020 13:43

Instrument :

MSVOA_Y

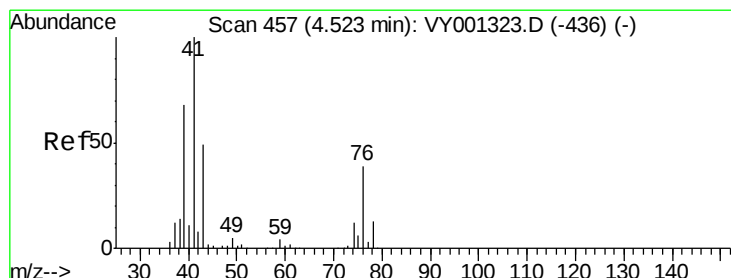
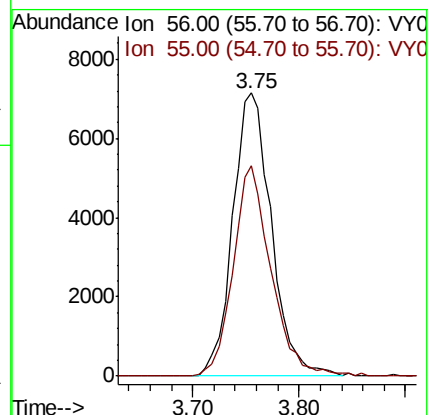
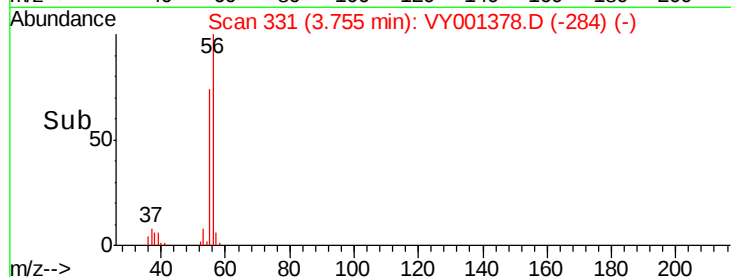
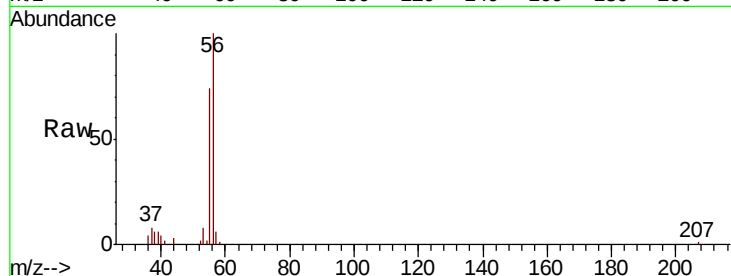
ClientSampleId :

Tot Ion: 56 Resp: 18181

Ion Ratio Lower Upper

56 100

55 72.8 55.9 83.9



#14

Allyl chloride

Concen: 21.108 ug/l

RT: 4.51 min Scan# 455

Delta R.T. -0.01 min

Lab File: VY001378.D

Acq: 24 Jan 2020 13:43

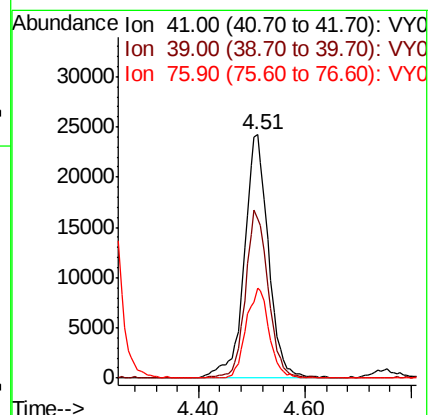
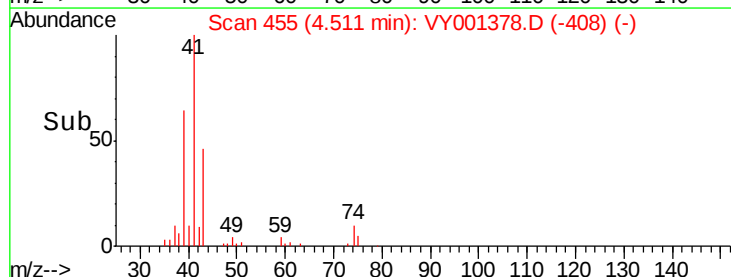
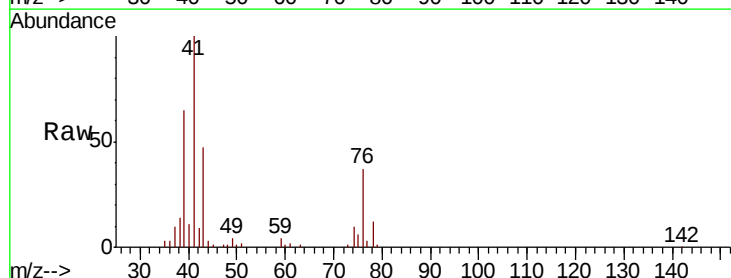
Tgt Ion: 41 Resp: 75109

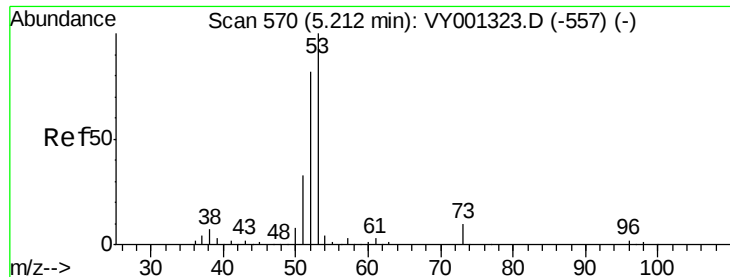
Ion Ratio Lower Upper

41 100

39 65.7 52.2 78.4

76 35.5 29.1 43.7





#15

Acrylonitrile

Concen: 102.179 ug/l

RT: 5.20 min Scan# 568

Delta R.T. -0.01 min

Lab File: VY001378.D

Acq: 24 Jan 2020 13:43

Instrument :

MSVOA_Y

ClientSampled :

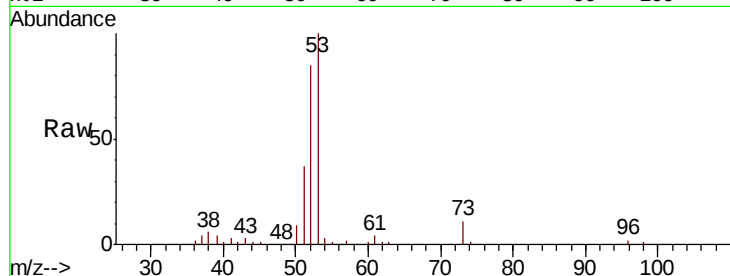
Tot Ion: 53 Resp: 65978

Ion Ratio Lower Upper

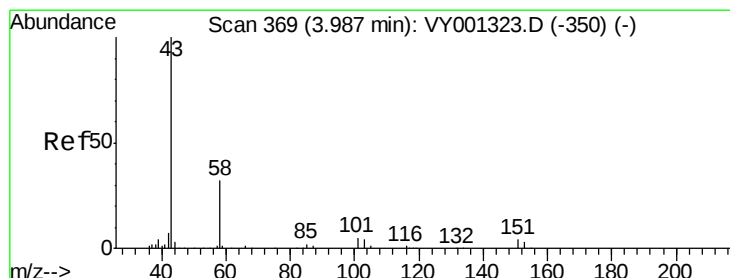
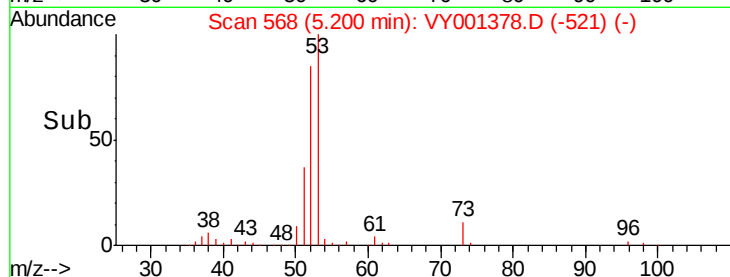
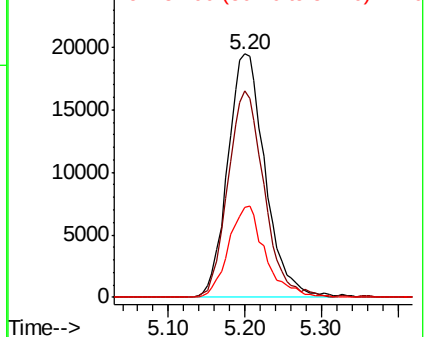
53 100

52 81.7 65.3 97.9

51 36.7 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: 107.500 ug/l

RT: 3.97 min Scan# 367

Delta R.T. -0.01 min

Lab File: VY001378.D

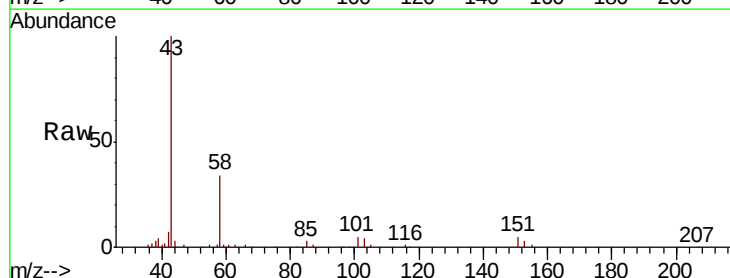
Acq: 24 Jan 2020 13:43

Tgt Ion: 43 Resp: 60237

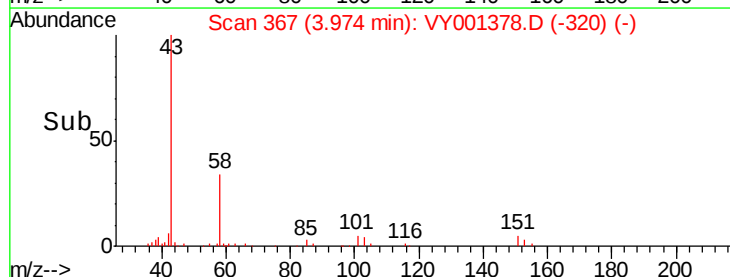
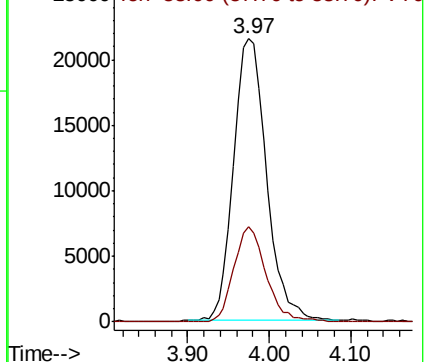
Ion Ratio Lower Upper

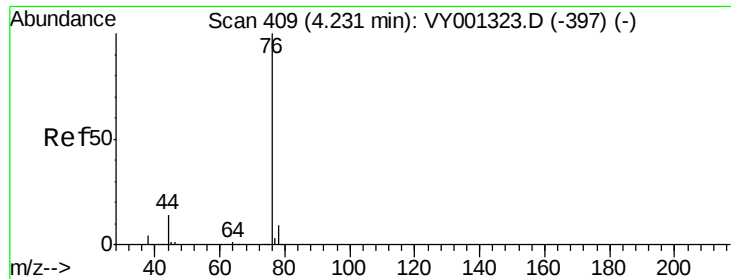
43 100

58 33.7 25.4 38.0



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

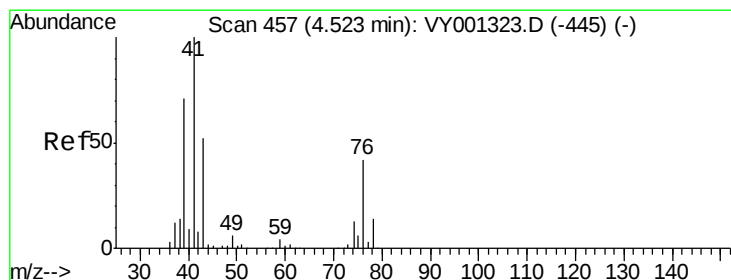
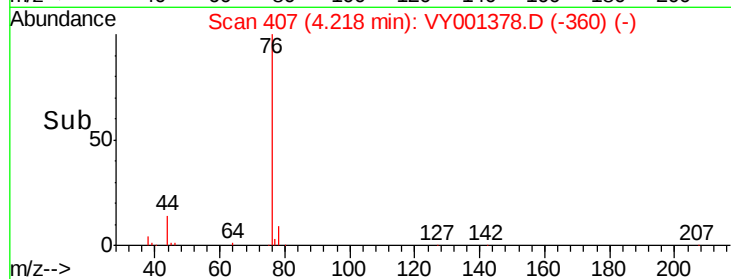
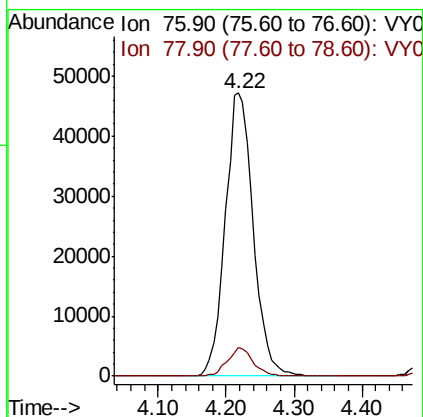
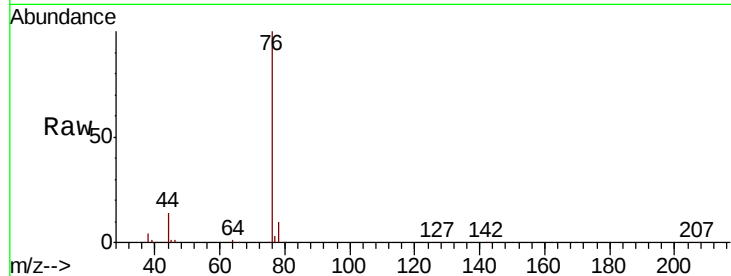




#17
Carbon Disulfide
Concen: 21.387 ug/l
RT: 4.22 min Scan# 407
Delta R.T. -0.01 min
Lab File: VY001378.D
Acq: 24 Jan 2020 13:43

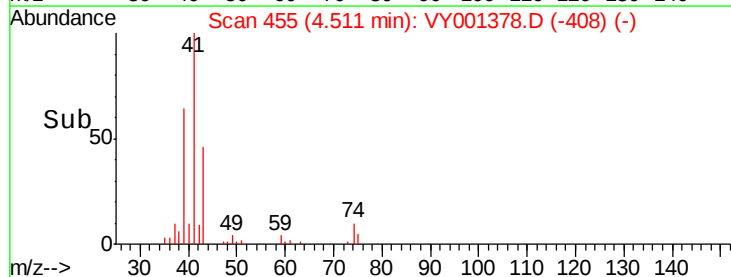
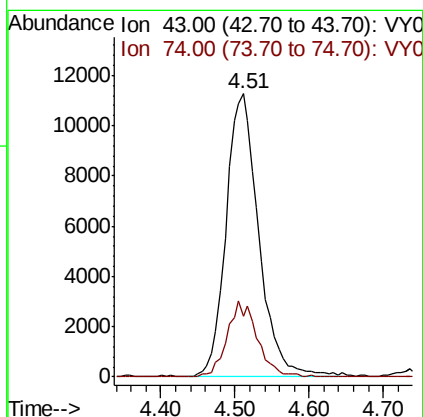
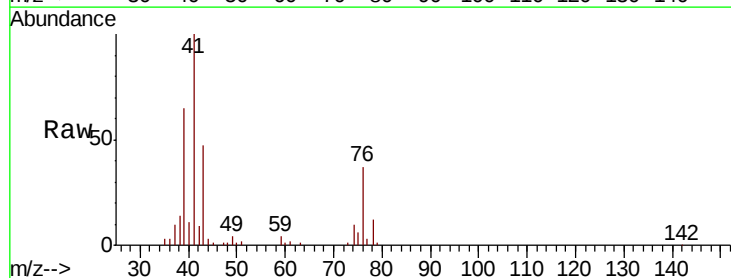
Instrument :
MSVOA_Y
ClientSampled :

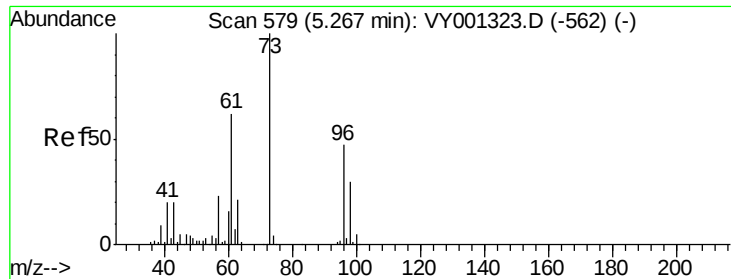
Tot Ion: 76 Resp: 134210
Ion Ratio Lower Upper
76 100
78 10.0 7.0 10.6



#18
Methyl Acetate
Concen: 20.073 ug/l
RT: 4.51 min Scan# 455
Delta R.T. -0.01 min
Lab File: VY001378.D
Acq: 24 Jan 2020 13:43

Tgt Ion: 43 Resp: 34615
Ion Ratio Lower Upper
43 100
74 24.4 19.4 29.2

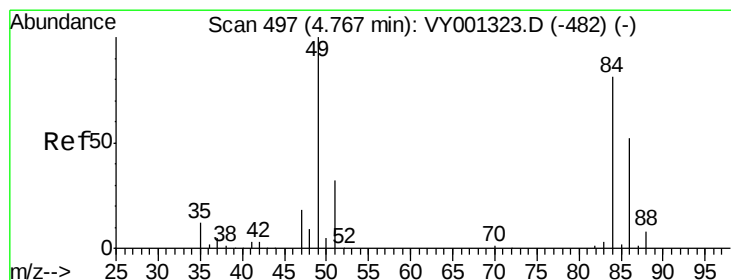
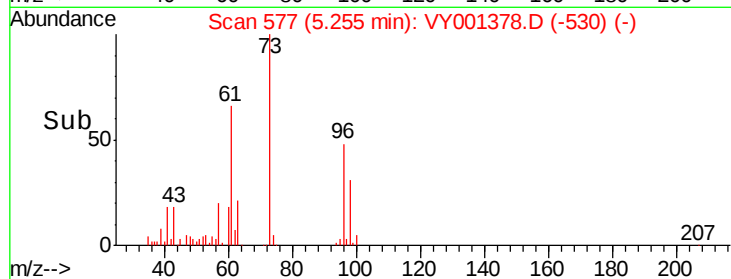
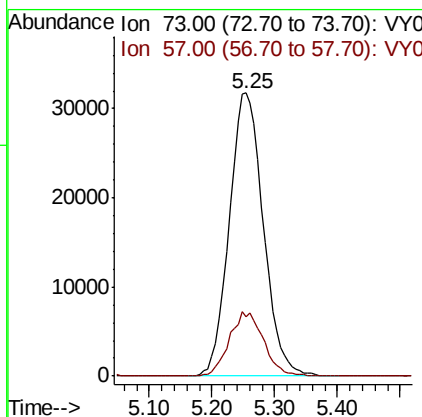
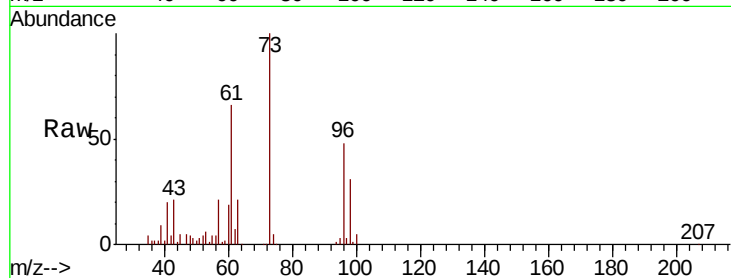




#19
Methvl tert-butvl Ether
Concen: 20.398 ug/l
RT: 5.25 min Scan# 577
Delta R.T. -0.01 min
Lab File: VY001378.D
Acq: 24 Jan 2020 13:43

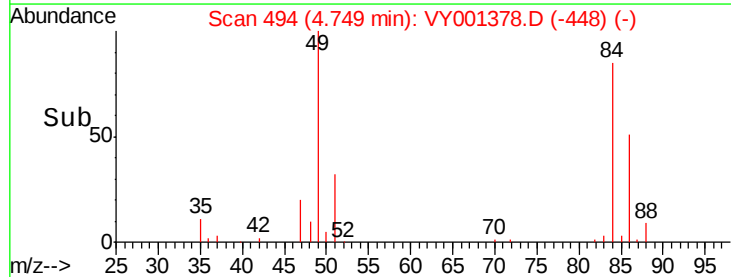
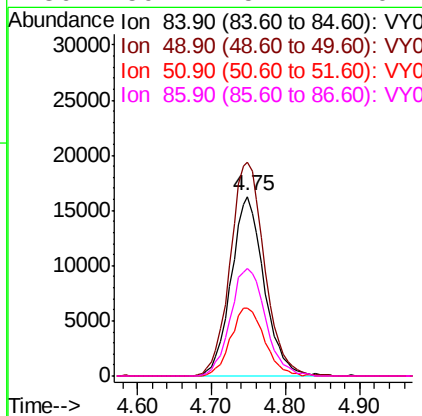
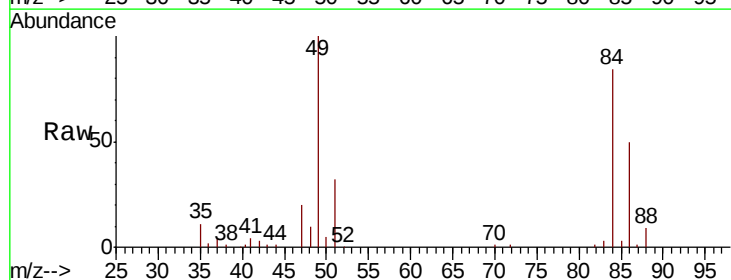
Instrument :
MSVOA_Y
ClientSampleId :

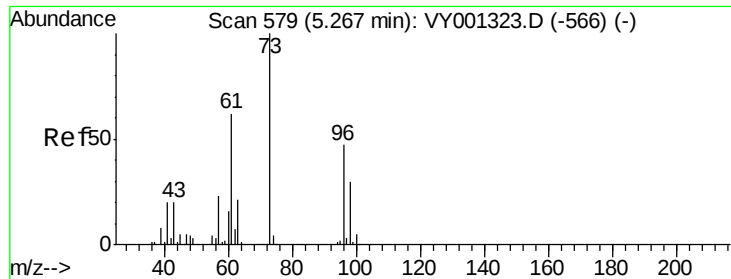
Tot Ion: 73 Resp: 119174
Ion Ratio Lower Upper
73 100
57 21.0 18.2 27.2



#20
Methylene Chloride
Concen: 17.175 ug/l
RT: 4.75 min Scan# 494
Delta R.T. -0.02 min
Lab File: VY001378.D
Acq: 24 Jan 2020 13:43

Tgt Ion: 84 Resp: 50397
Ion Ratio Lower Upper
84 100
49 118.9 98.3 147.5
51 37.8 31.6 47.4
86 59.7 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 20.846 ug/l

RT: 5.25 min Scan# 577

Delta R.T. -0.01 min

Lab File: VY001378.D

Acq: 24 Jan 2020 13:43

Instrument :

MSVOA_Y

ClientSampled :

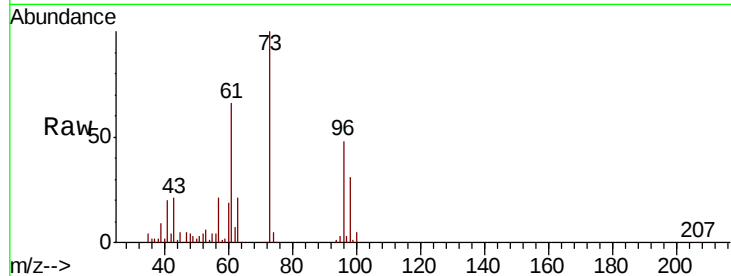
Tot Ion: 96 Resp: 48315

Ion Ratio Lower Upper

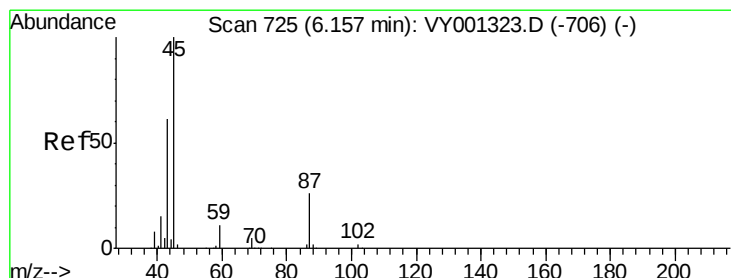
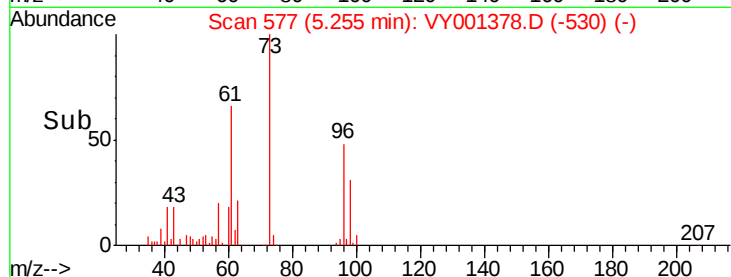
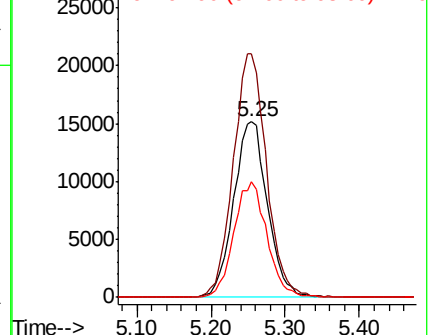
96 100

61 139.0 106.8 160.2

98 65.8 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: 20.133 ug/l

RT: 6.15 min Scan# 724

Delta R.T. -0.01 min

Lab File: VY001378.D

Acq: 24 Jan 2020 13:43

Tgt Ion: 45 Resp: 152122

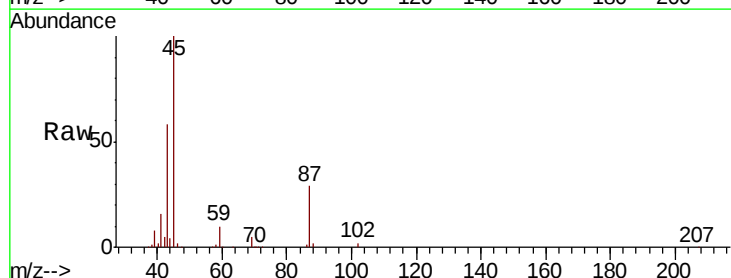
Ion Ratio Lower Upper

45 100

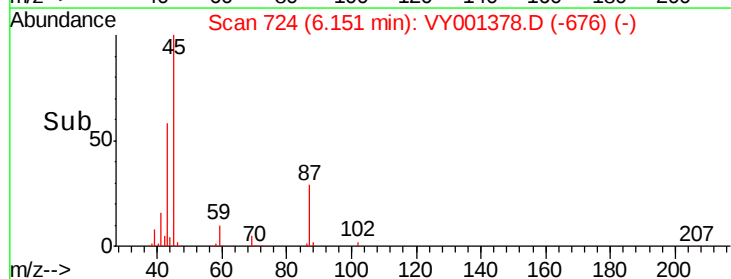
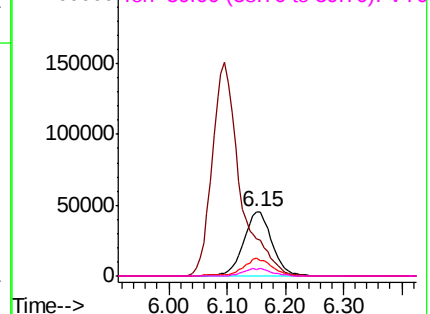
43 57.7 49.2 73.8

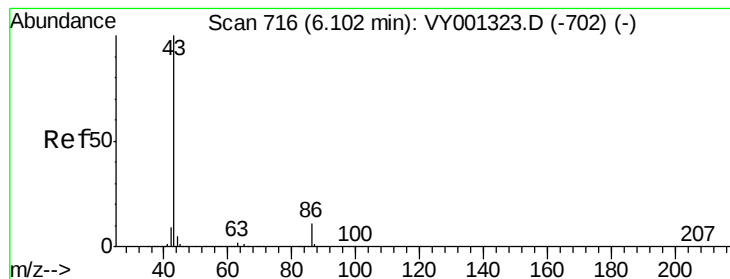
87 28.7 21.4 32.2

59 10.2 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: 102.136 ug/l

RT: 6.10 min Scan# 715

Delta R.T. -0.01 min

Lab File: VY001378.D

Acq: 24 Jan 2020 13:43

Instrument :

MSVOA_Y

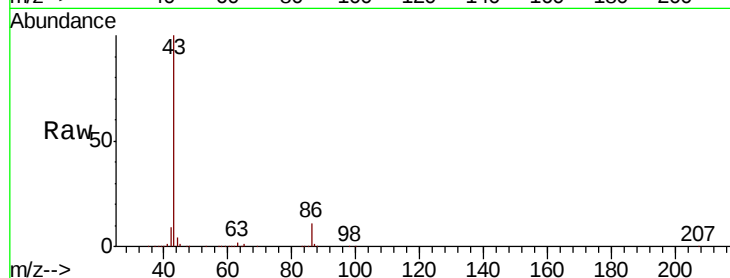
ClientSampleId :

Tot Ion: 43 Resp: 501016

Ion Ratio Lower Upper

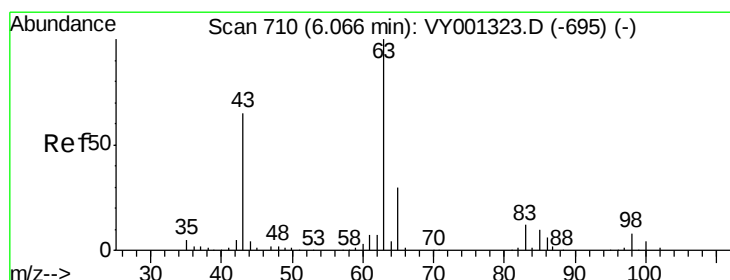
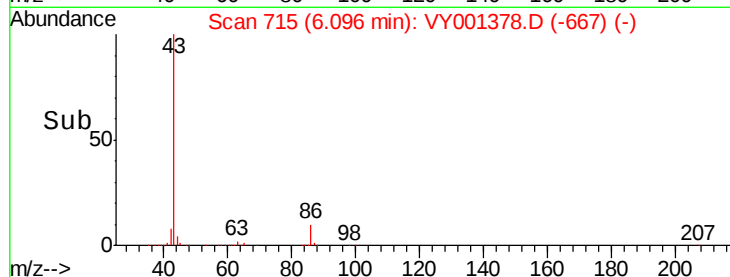
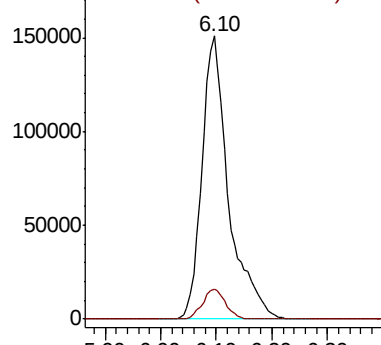
43 100

86 10.5 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 20.708 ug/l

RT: 6.05 min Scan# 708

Delta R.T. -0.01 min

Lab File: VY001378.D

Acq: 24 Jan 2020 13:43

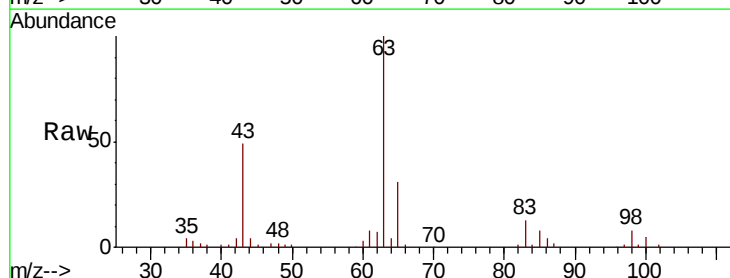
Tgt Ion: 63 Resp: 82473

Ion Ratio Lower Upper

63 100

98 8.4 4.0 12.0

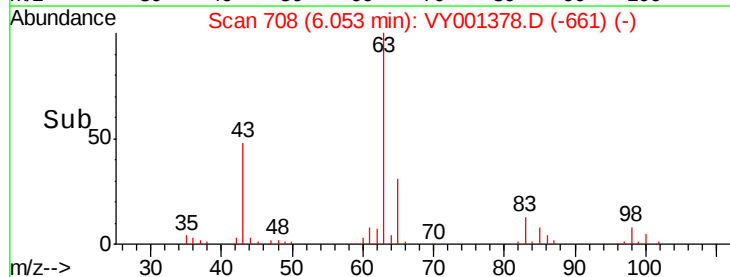
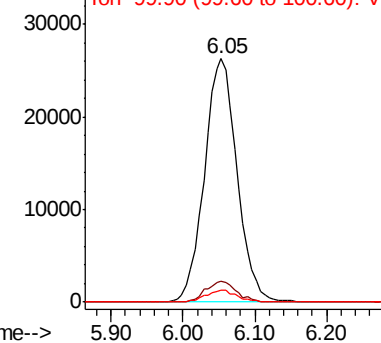
100 5.1 2.1 6.3

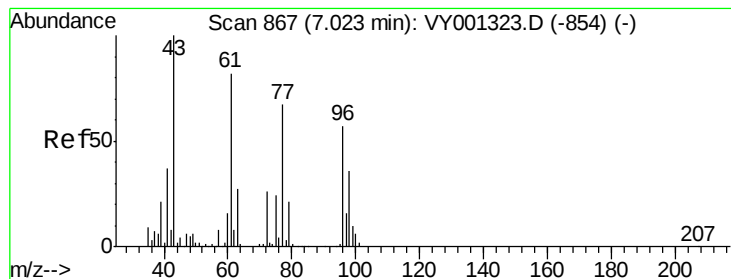


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 104.695 ug/l

RT: 7.02 min Scan# 867

Delta R.T. -0.00 min

Lab File: VY001378.D

Acq: 24 Jan 2020 13:43

Instrument :

MSVOA_Y

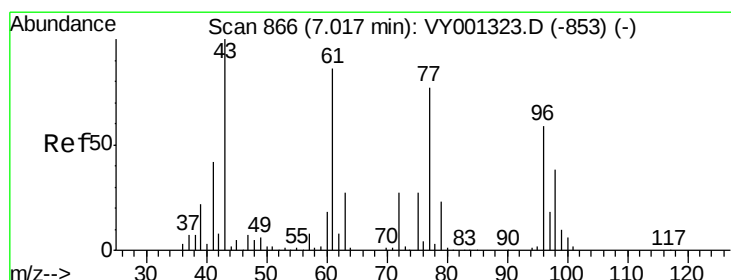
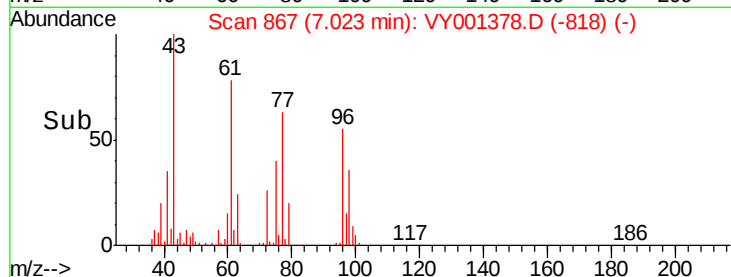
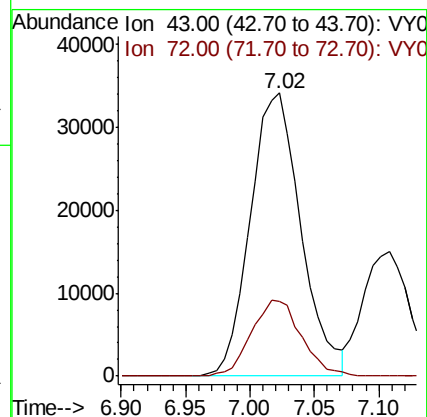
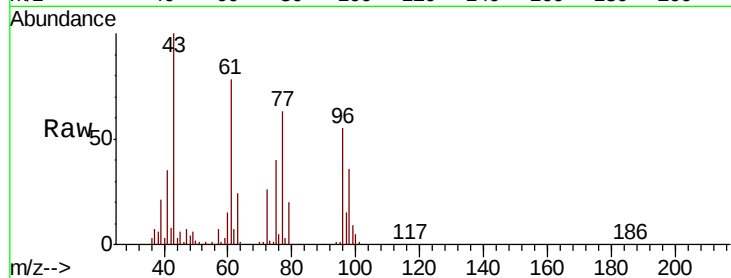
ClientSampled :

Tot Ion: 43 Resp: 93185

Ion Ratio Lower Upper

43 100

72 26.3 20.6 31.0



#26

2,2-Dichloropropane

Concen: 20.453 ug/l

RT: 7.02 min Scan# 866

Delta R.T. -0.00 min

Lab File: VY001378.D

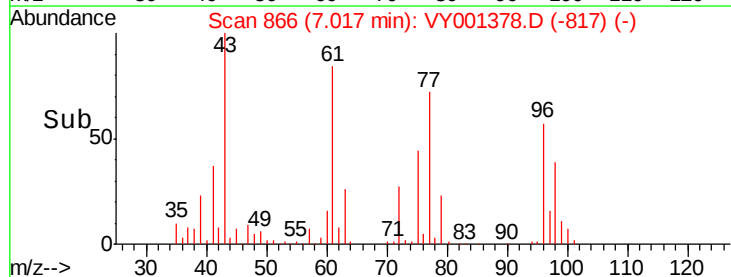
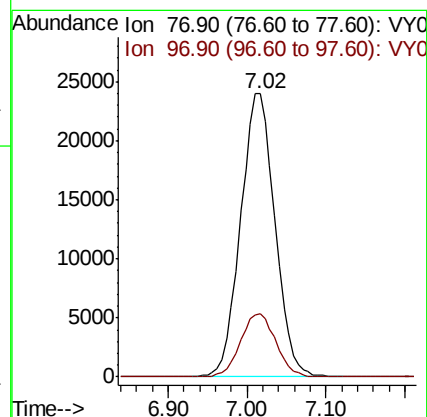
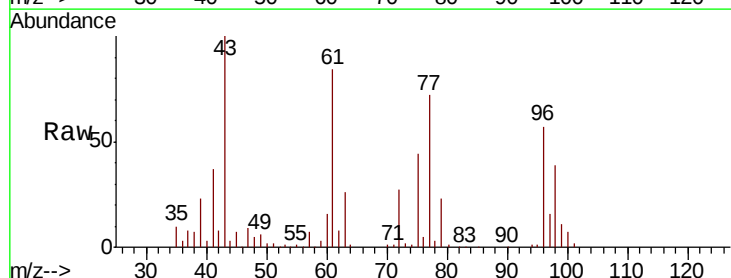
Acq: 24 Jan 2020 13:43

Tgt Ion: 77 Resp: 72560

Ion Ratio Lower Upper

77 100

97 23.0 11.9 35.5



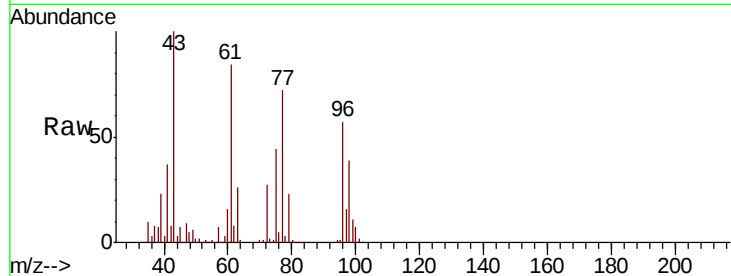


#27

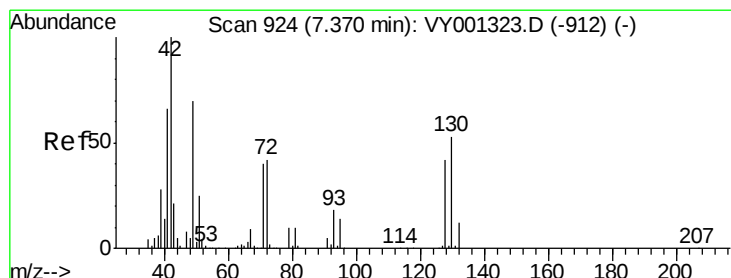
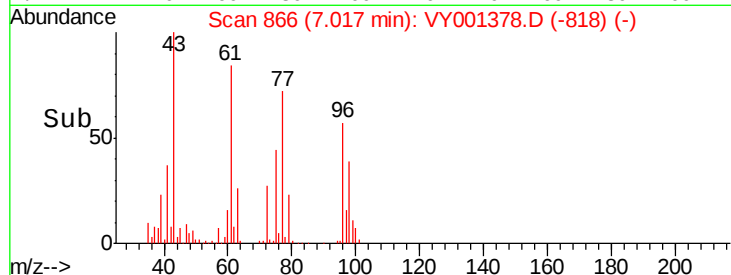
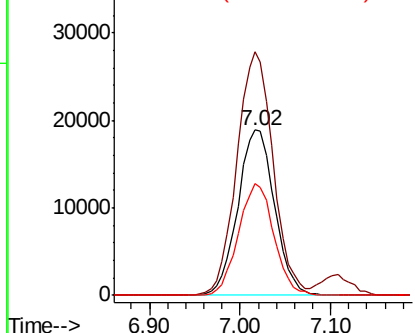
cis-1,2-Dichloroethene
Concen: 20.446 ug/l
RT: 7.02 min Scan# 866
Delta R.T. -0.01 min
Lab File: VY001378.D
Acq: 24 Jan 2020 13:43

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion	96	Resp	52962
Ion	Ratio	Lower	Upper
96	100		
61	145.5	0.0	284.8
98	65.3	0.0	128.4



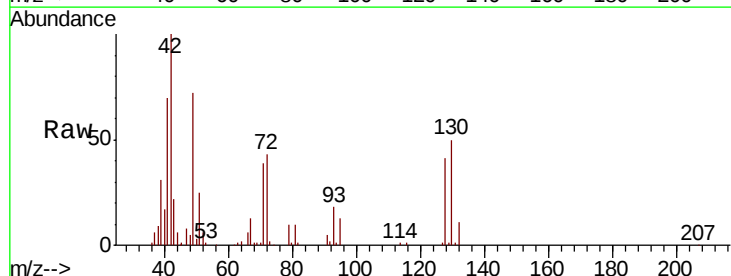
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



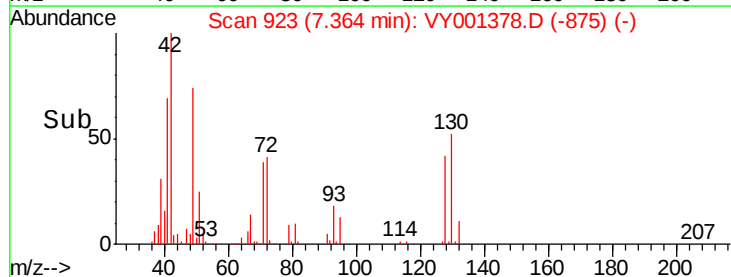
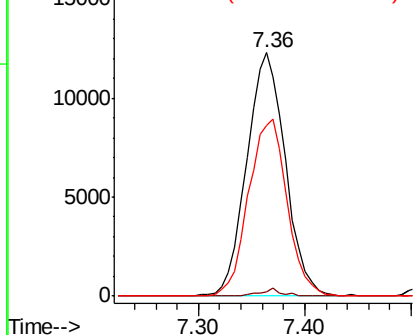
#28

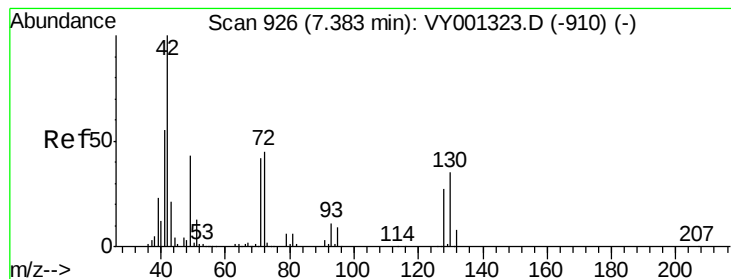
Bromochloromethane
Concen: 19.016 ug/l
RT: 7.36 min Scan# 923
Delta R.T. -0.01 min
Lab File: VY001378.D
Acq: 24 Jan 2020 13:43

Tgt Ion	49	Resp	31233
Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	4.0
130	72.4	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: 101.937 ug/l

RT: 7.38 min Scan# 925

Delta R.T. -0.01 min

Lab File: VY001378.D

Acq: 24 Jan 2020 13:43

Instrument :

MSVOA_Y

ClientSampled :

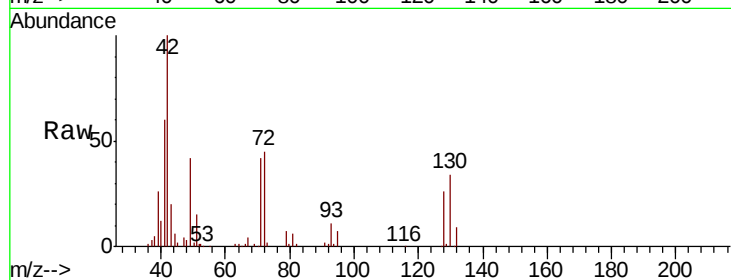
Tot Ion: 42 Resp: 59028

Ion Ratio Lower Upper

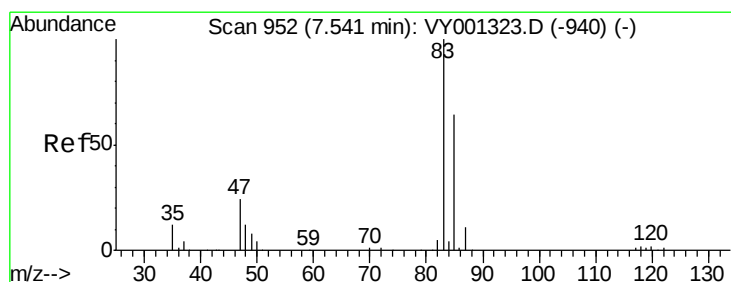
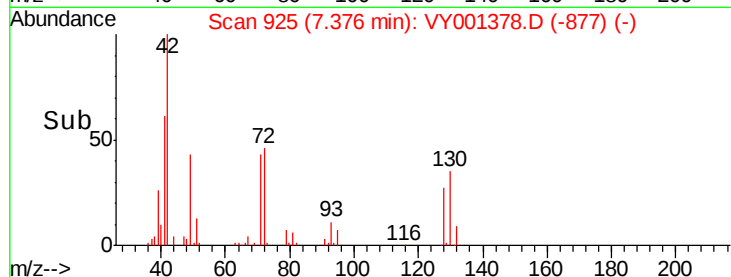
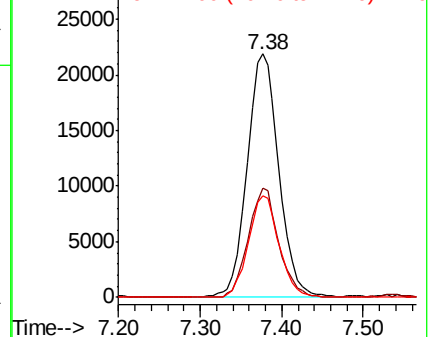
42 100

72 43.3 34.6 51.8

71 40.3 32.6 48.8



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



#30

Chloroform

Concen: 20.337 ug/l

RT: 7.53 min Scan# 951

Delta R.T. -0.01 min

Lab File: VY001378.D

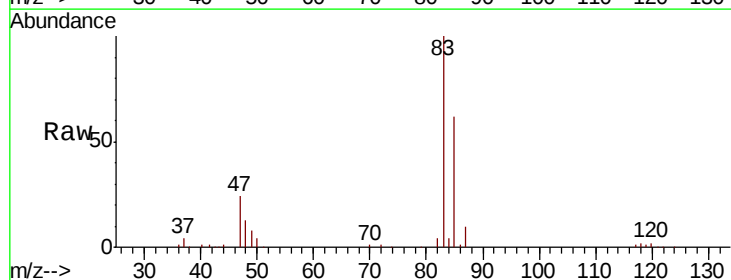
Acq: 24 Jan 2020 13:43

Tgt Ion: 83 Resp: 79389

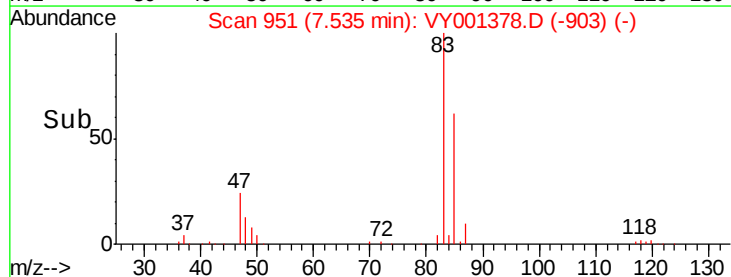
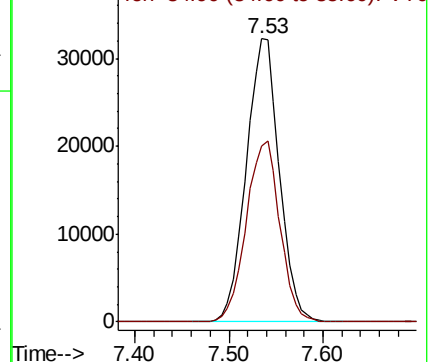
Ion Ratio Lower Upper

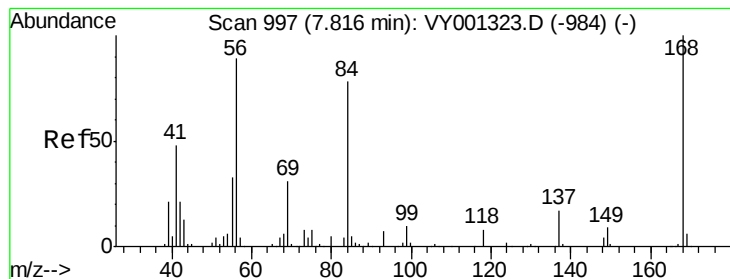
83 100

85 61.9 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: 21.125 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.01 min

Lab File: VY001378.D

Acq: 24 Jan 2020 13:43

Instrument :

MSVOA_Y

ClientSampled :

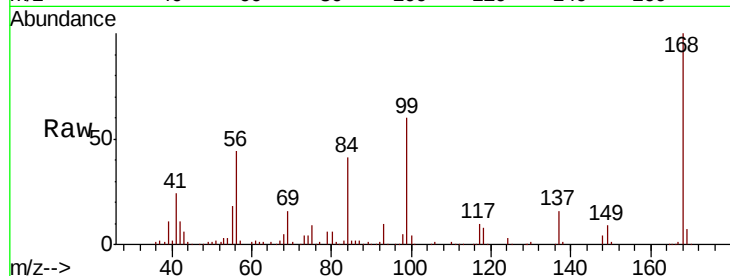
Tot Ion: 56 Resp: 83534

Ion Ratio Lower Upper

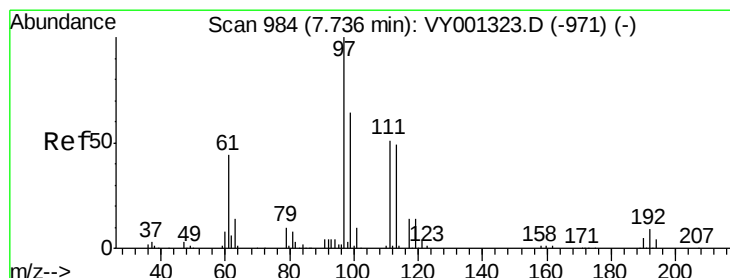
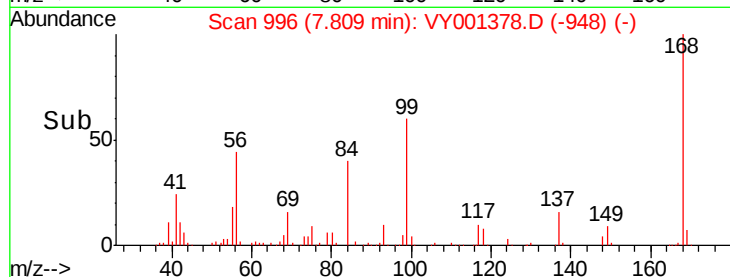
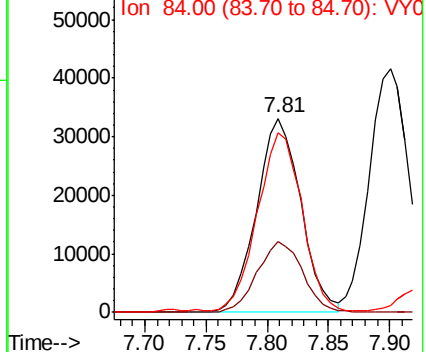
56 100

69 36.7 27.6 41.4

84 91.8 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: 21.101 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.01 min

Lab File: VY001378.D

Acq: 24 Jan 2020 13:43

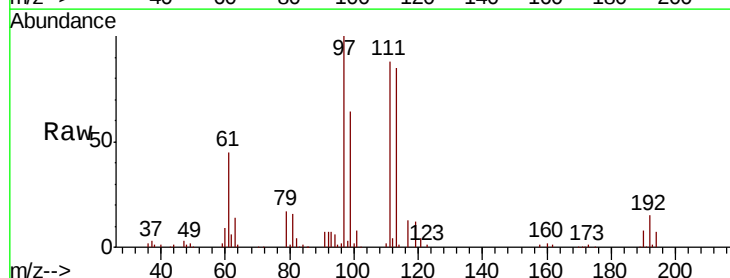
Tgt Ion: 97 Resp: 69552

Ion Ratio Lower Upper

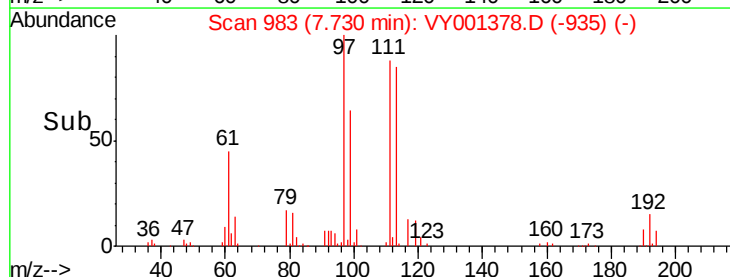
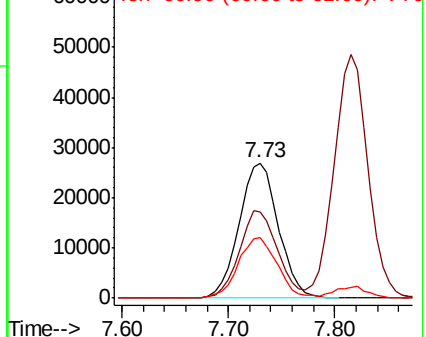
97 100

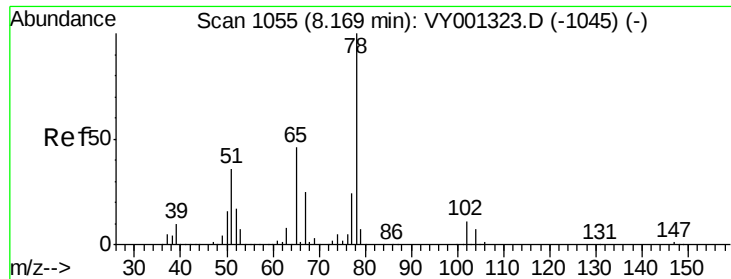
99 63.4 51.3 76.9

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: 48.514 ug/l

RT: 8.17 min Scan# 1055

Delta R.T. -0.00 min

Lab File: VY001378.D

Acq: 24 Jan 2020 13:43

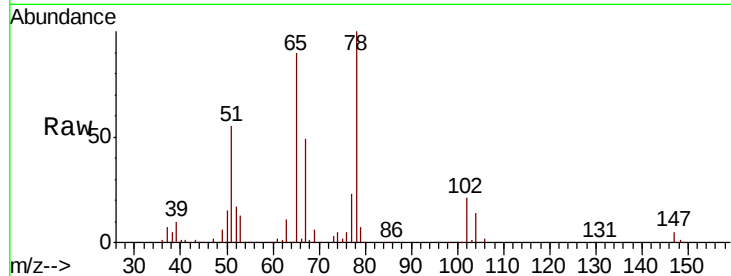
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 65 Resp: 99207

Ion Ratio Lower Upper

65 100

67 54.3 0.0 108.6



Abundance Ion 64.90 (64.60 to 65.60): VY001378.D (-1045) (-)

Ion 66.90 (66.60 to 67.60): VY001378.D (-1045) (-)

8.17

50000

40000

30000

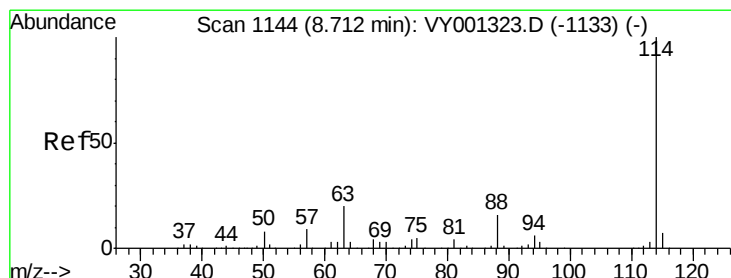
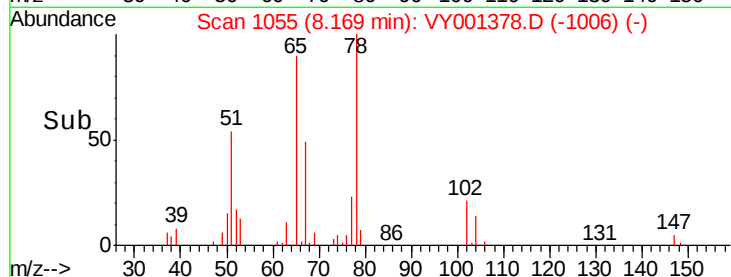
20000

10000

0

8.05 8.10 8.15 8.20 8.25

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1144

Delta R.T. -0.00 min

Lab File: VY001378.D

Acq: 24 Jan 2020 13:43

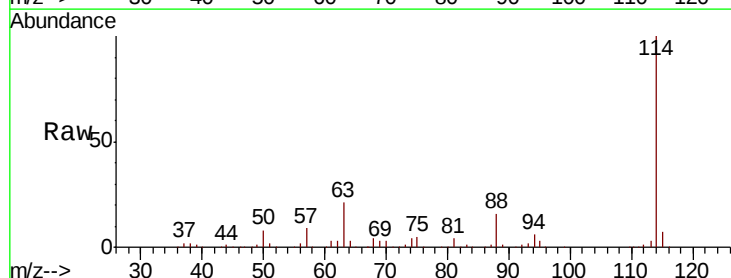
Tgt Ion: 114 Resp: 322691

Ion Ratio Lower Upper

114 100

63 21.0 0.0 40.8

88 15.9 0.0 31.0



Abundance Ion 113.90 (113.60 to 114.60): VY001378.D (-1095) (-)

Ion 63.00 (62.70 to 63.70): VY001378.D (-1095) (-)

Ion 87.90 (87.60 to 88.60): VY001378.D (-1095) (-)

8.71

200000

150000

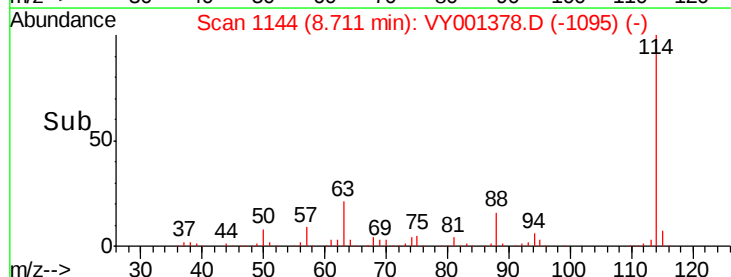
100000

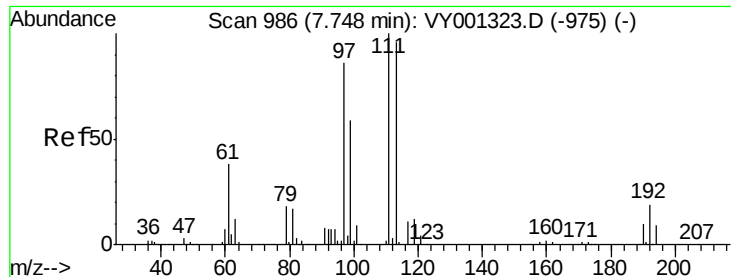
50000

0

8.60 8.70 8.80

Time-->

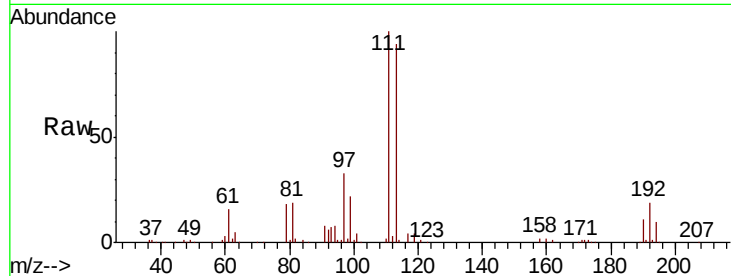




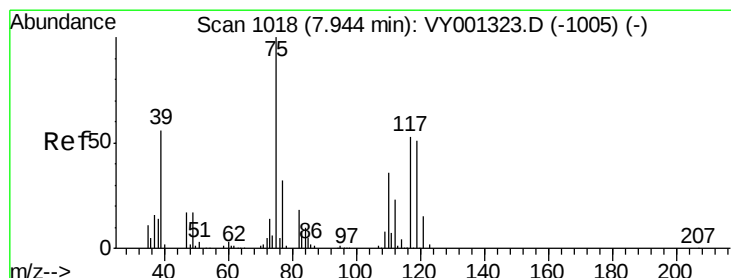
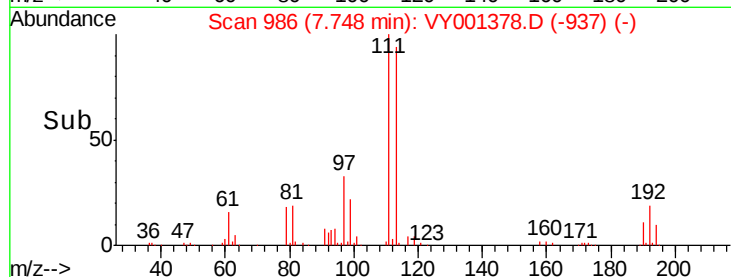
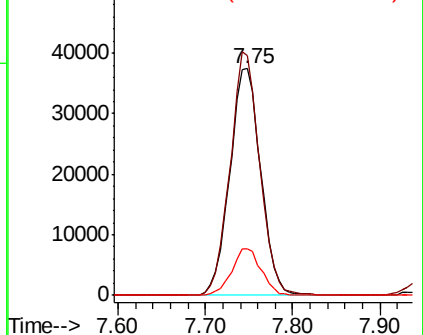
#35
 Dibromofluoromethane
 Concen: 48.552 ug/l
 RT: 7.75 min Scan# 986
 Delta R.T. -0.00 min
 Lab File: VY001378.D
 Acq: 24 Jan 2020 13:43

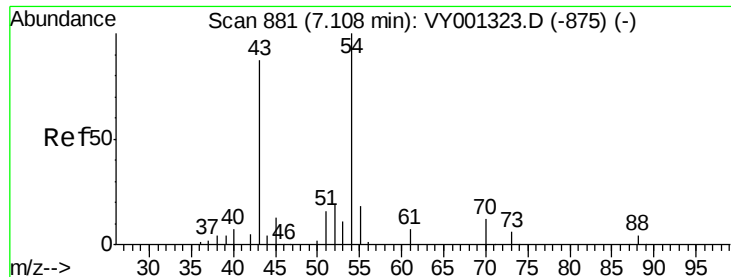
Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion:113 Resp: 91954
 Ion Ratio Lower Upper
 113 100
 111 103.0 82.8 124.2
 192 19.6 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

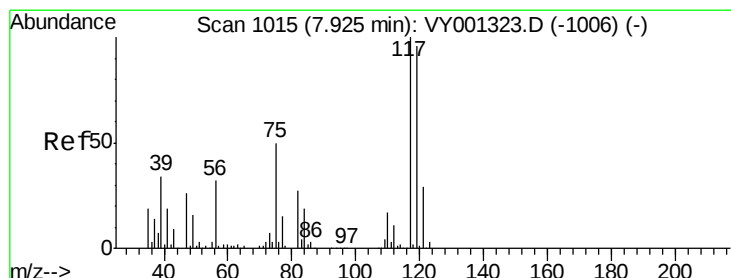
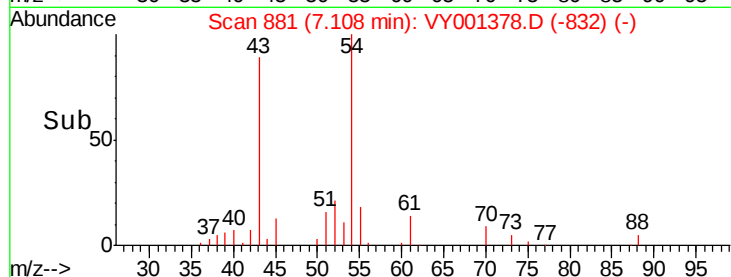
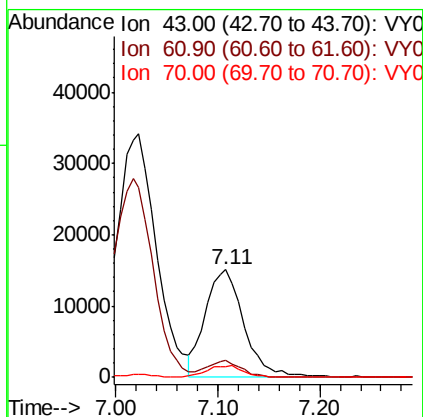
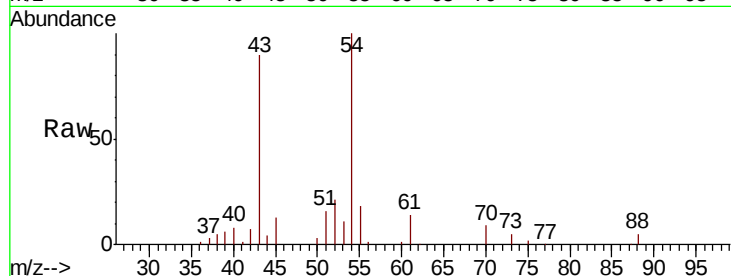




#37
Ethyl Acetate
Concen: 21.140 ug/l
RT: 7.11 min Scan# 881
Delta R.T. -0.00 min
Lab File: VY001378.D
Acq: 24 Jan 2020 13:43

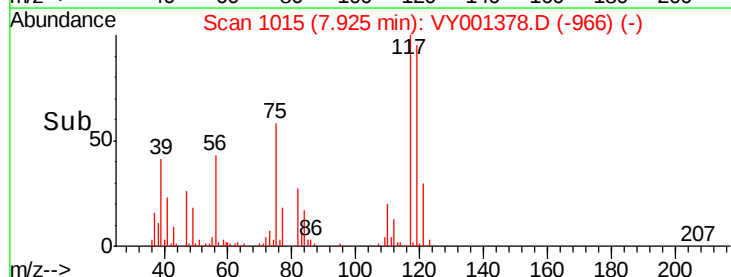
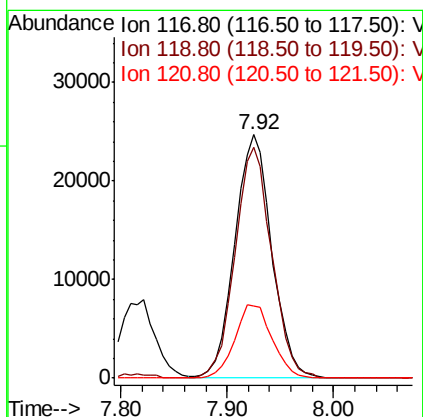
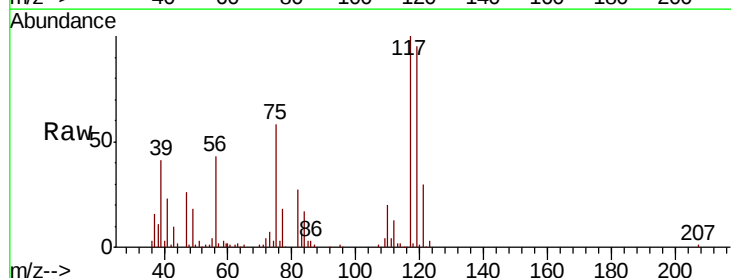
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 43 Resp: 39375
Ion Ratio Lower Upper
43 100
61 14.1 11.3 16.9
70 10.9 8.7 13.1



#38
Carbon Tetrachloride
Concen: 22.176 ug/l
RT: 7.92 min Scan# 1015
Delta R.T. -0.00 min
Lab File: VY001378.D
Acq: 24 Jan 2020 13:43

Tgt Ion: 117 Resp: 60253
Ion Ratio Lower Upper
117 100
119 94.9 76.3 114.5
121 29.5 23.5 35.3

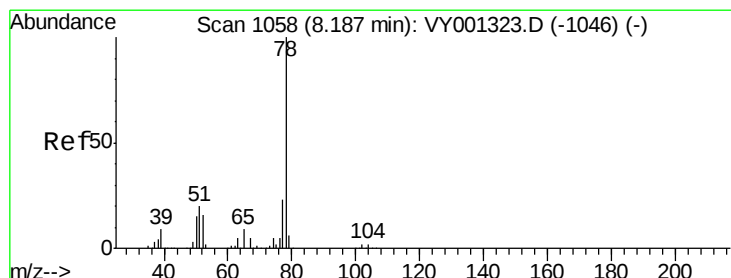
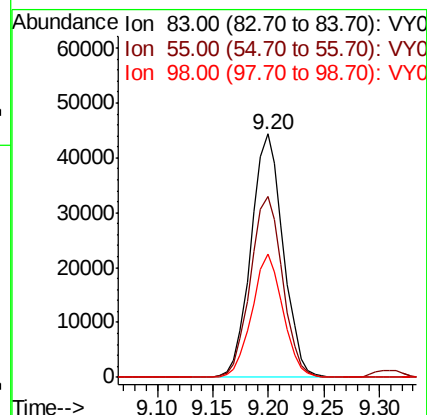
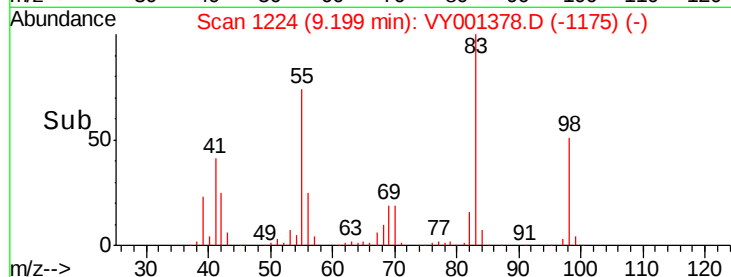
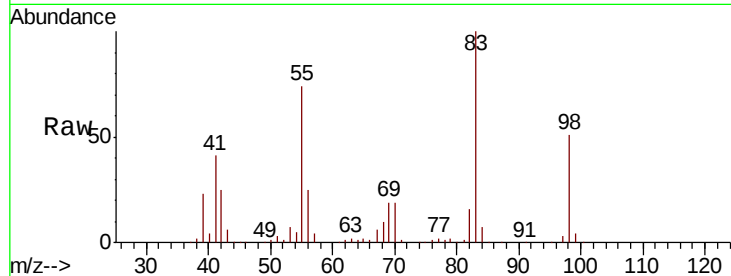




#39
Methylvlcvclohexane
Concen: 22.764 ug/l
RT: 9.20 min Scan# 1224
Delta R.T. -0.00 min
Lab File: VY001378.D
Acq: 24 Jan 2020 13:43

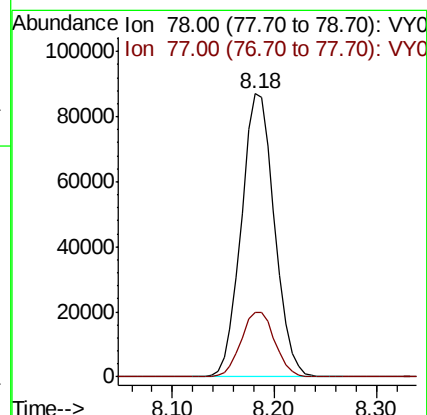
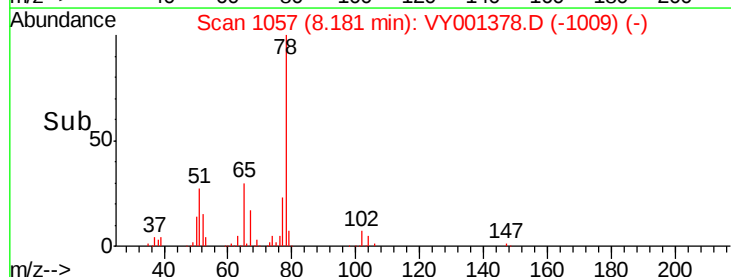
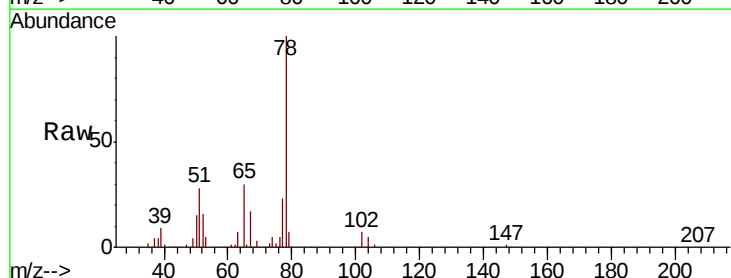
Instrument :
MSVOA_Y
ClientSampled :

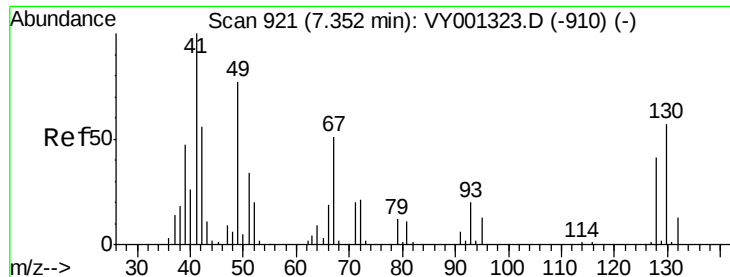
Tot Ion: 83 Resp: 88902
Ion Ratio Lower Upper
83 100
55 74.2 60.7 91.1
98 50.9 37.8 56.8



#40
Benzene
Concen: 21.449 ug/l
RT: 8.18 min Scan# 1057
Delta R.T. -0.01 min
Lab File: VY001378.D
Acq: 24 Jan 2020 13:43

Tgt Ion: 78 Resp: 196070
Ion Ratio Lower Upper
78 100
77 23.0 18.6 27.8

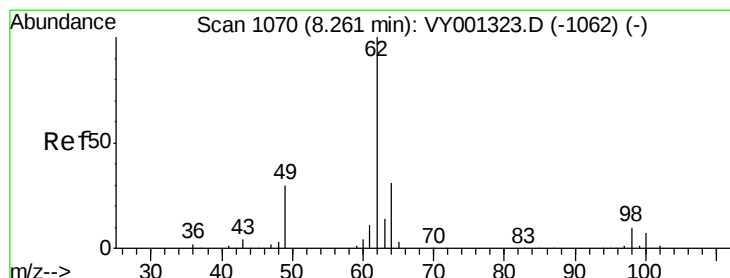
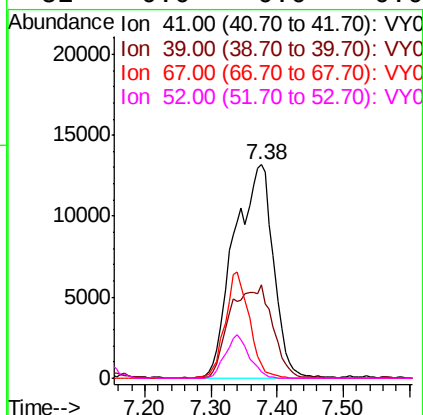
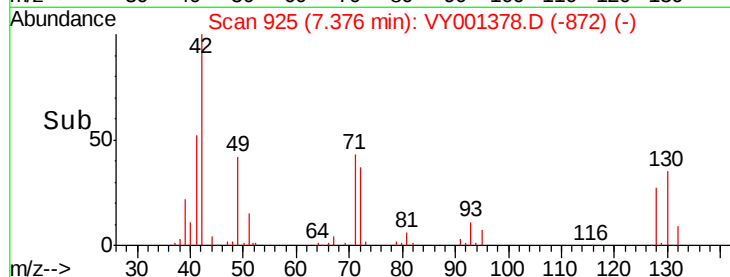
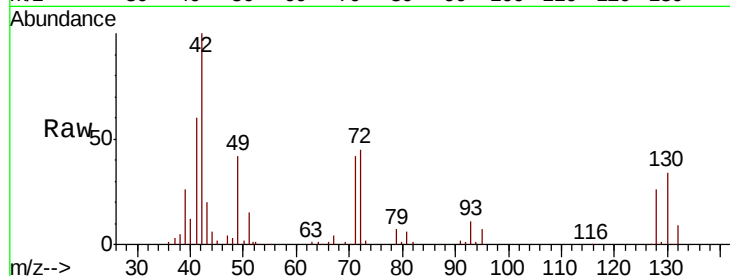




#41
Methacrylonitrile
Concen: 56.759 ug/l
RT: 7.38 min Scan# 925
Delta R.T. 0.02 min
Lab File: VY001378.D
Acq: 24 Jan 2020 13:43

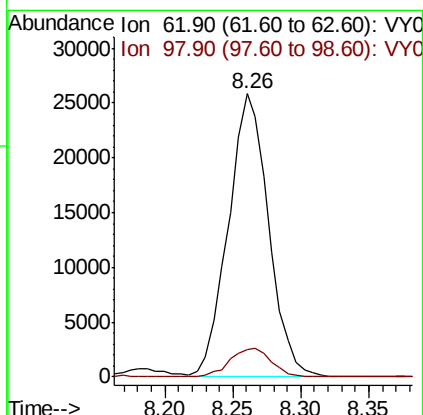
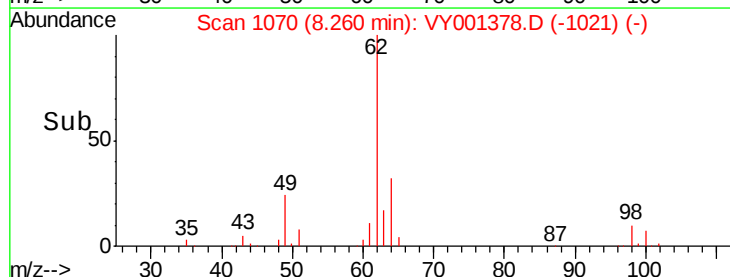
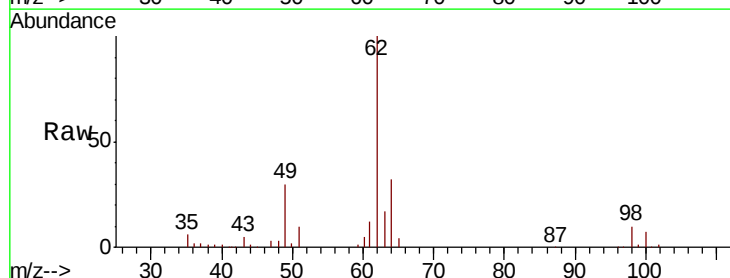
Instrument :
MSVOA_Y
ClientSampleId :

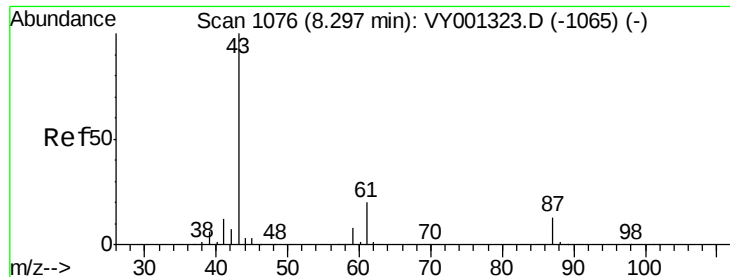
Tot Ion: 41 Resp: 54556
Ion Ratio Lower Upper
41 100
39 46.6 0.0 0.0#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 20.832 ug/l
RT: 8.26 min Scan# 1070
Delta R.T. -0.00 min
Lab File: VY001378.D
Acq: 24 Jan 2020 13:43

Tgt Ion: 62 Resp: 53208
Ion Ratio Lower Upper
62 100
98 10.6 0.0 20.8





#43

Isopropyl Acetate

Concen: 21.391 ug/l

RT: 8.30 min Scan# 1076

Delta R.T. -0.00 min

Lab File: VY001378.D

Acq: 24 Jan 2020 13:43

Instrument :

MSVOA_Y

ClientSampleId :

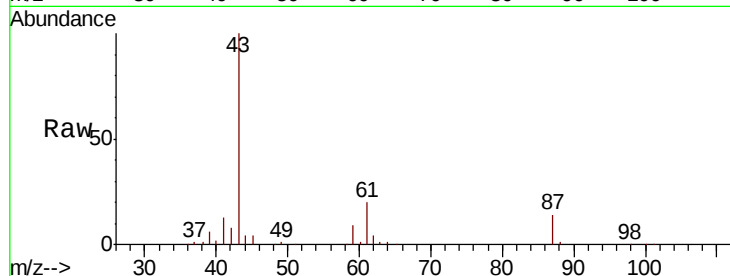
Tot Ion: 43 Resp: 77474

Ion Ratio Lower Upper

43 100

61 28.1 22.7 34.1

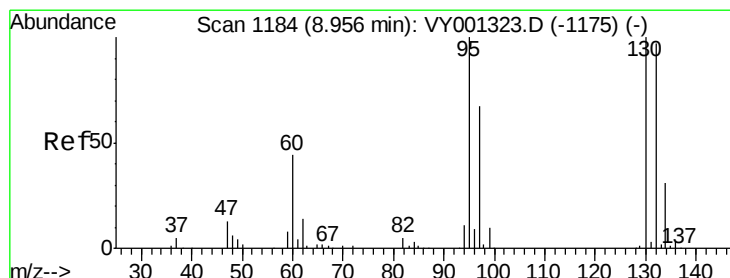
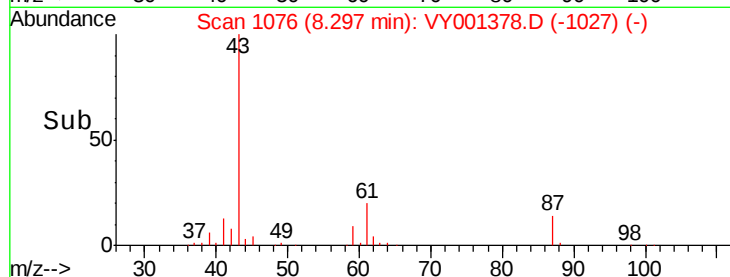
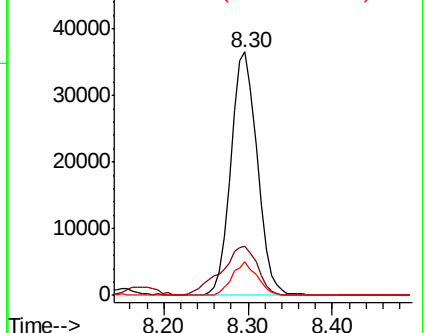
87 12.9 11.0 16.4



Abundance Ion 43.00 (42.70 to 43.70): VY001378.D (-1076) (-)

Ion 61.00 (60.70 to 61.70): VY001378.D (-1076) (-)

Ion 87.00 (86.70 to 87.70): VY001378.D (-1076) (-)



#44

Trichloroethene

Concen: 21.355 ug/l

RT: 8.96 min Scan# 1184

Delta R.T. -0.00 min

Lab File: VY001378.D

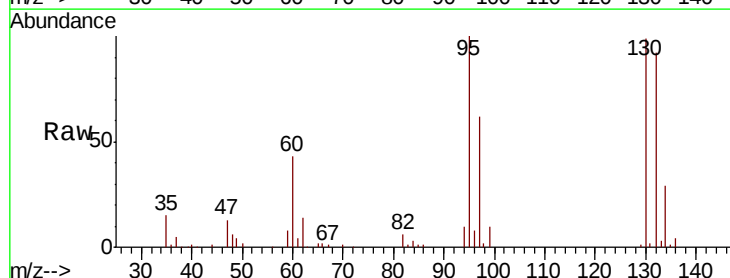
Acq: 24 Jan 2020 13:43

Tgt Ion:130 Resp: 50093

Ion Ratio Lower Upper

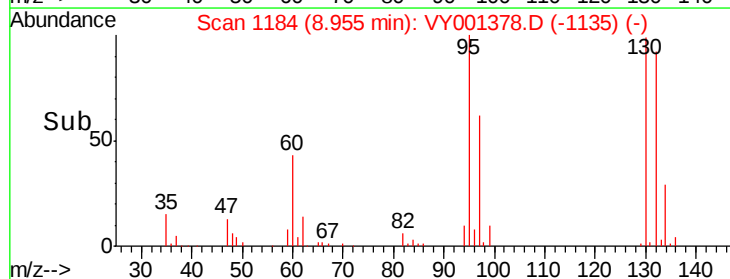
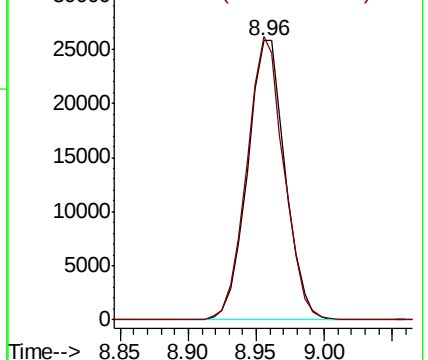
130 100

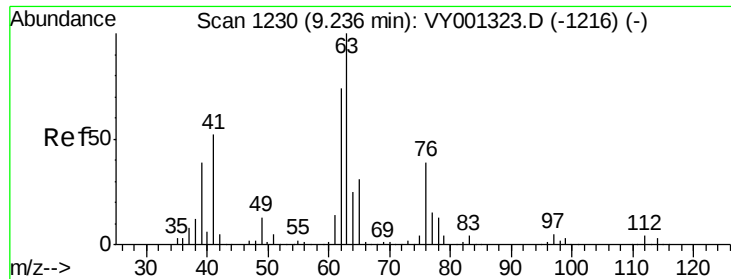
95 101.3 0.0 200.0



Abundance Ion 129.80 (129.50 to 130.50): VY001378.D (-1184) (-)

Ion 94.90 (94.60 to 95.60): VY001378.D (-1184) (-)

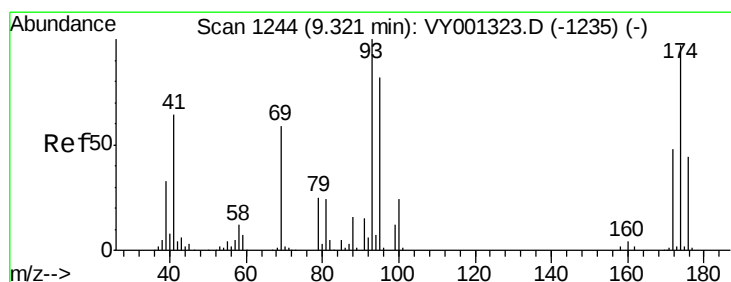
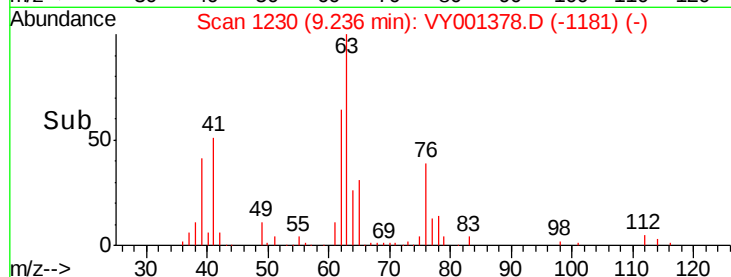
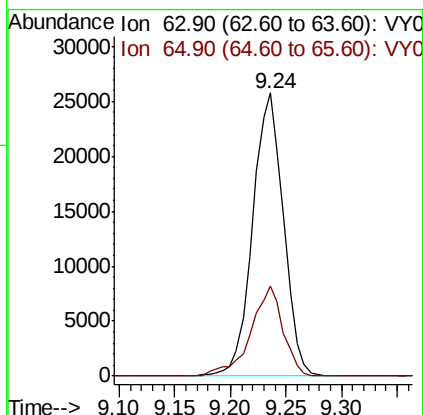
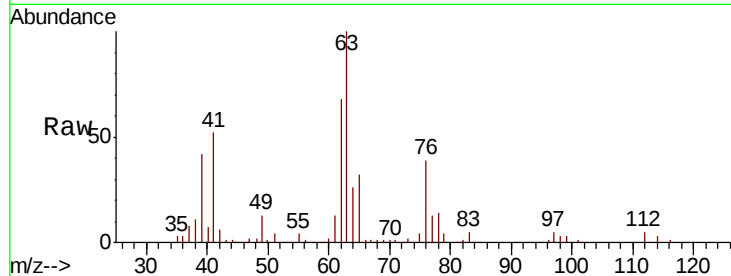




#45
 1,2-Dichloropropane
 Concen: 21.502 ug/l
 RT: 9.24 min Scan# 1230
 Delta R.T. -0.00 min
 Lab File: VY001378.D
 Acq: 24 Jan 2020 13:43

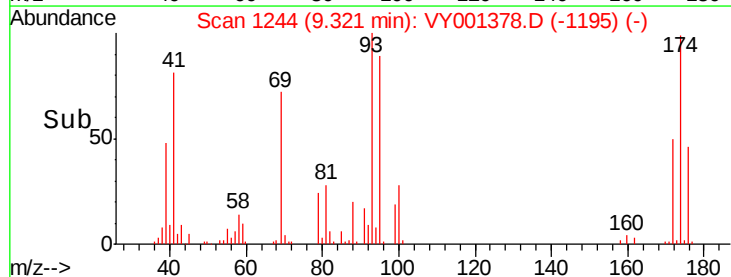
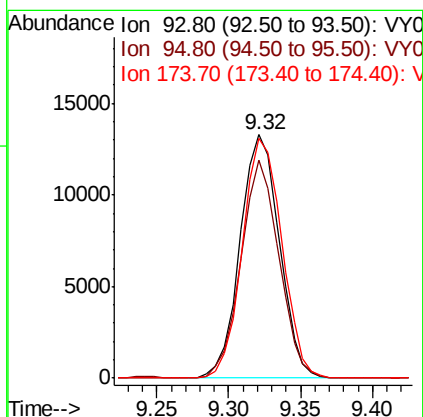
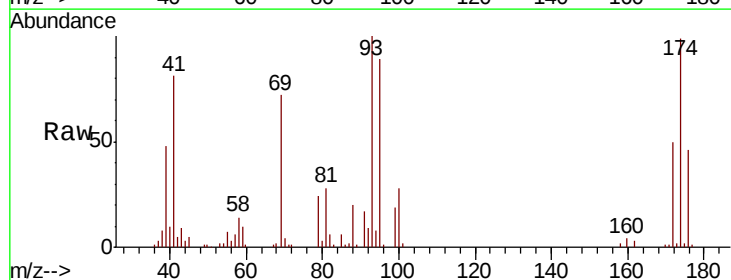
Instrument :
 MSVOA_Y
 ClientSampled :

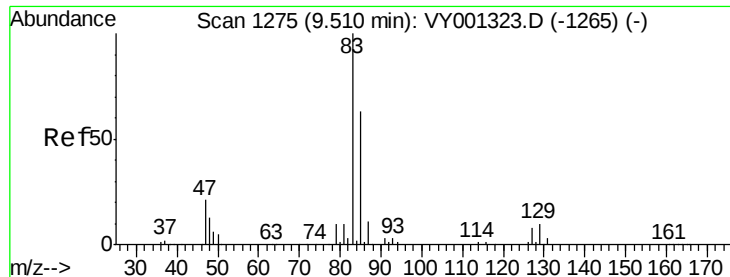
Tot Ion: 63 Resp: 49688
 Ion Ratio Lower Upper
 63 100
 65 32.0 24.9 37.3



#46
 Dibromomethane
 Concen: 20.267 ug/l
 RT: 9.32 min Scan# 1244
 Delta R.T. -0.00 min
 Lab File: VY001378.D
 Acq: 24 Jan 2020 13:43

Tgt Ion: 93 Resp: 25143
 Ion Ratio Lower Upper
 93 100
 95 86.6 66.5 99.7
 174 99.0 77.9 116.9





#47

Bromodichloromethane

Concen: 21.246 ug/l

RT: 9.51 min Scan# 1275

Delta R.T. -0.00 min

Lab File: VY001378.D

Acq: 24 Jan 2020 13:43

Instrument :

MSVOA_Y

ClientSampleId :

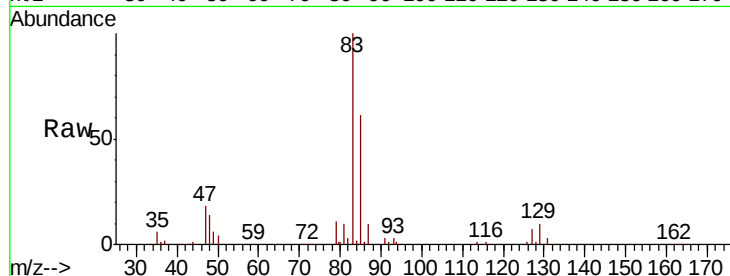
Tot Ion: 83 Resp: 63008

Ion Ratio Lower Upper

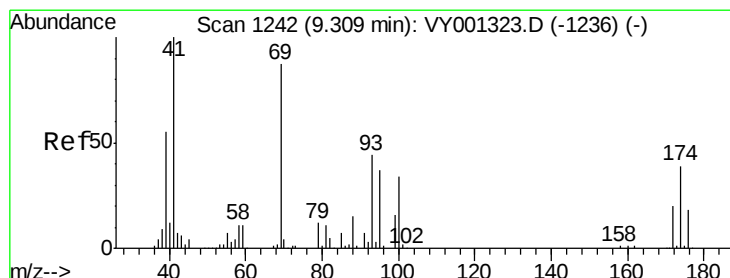
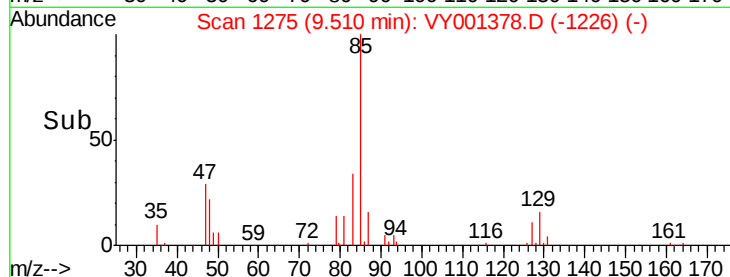
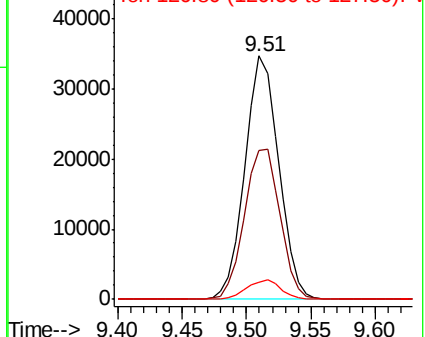
83 100

85 61.3 50.2 75.2

127 6.9 6.4 9.6



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



#48

Methyl methacrylate

Concen: 20.968 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. -0.00 min

Lab File: VY001378.D

Acq: 24 Jan 2020 13:43

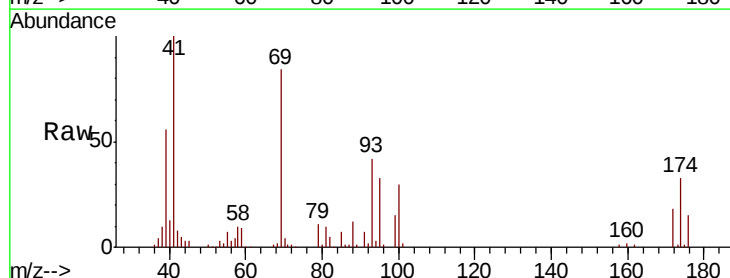
Tgt Ion: 41 Resp: 34524

Ion Ratio Lower Upper

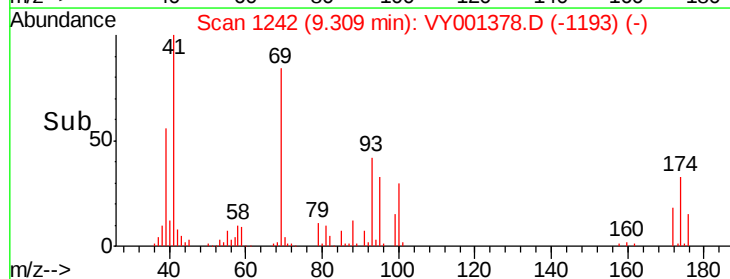
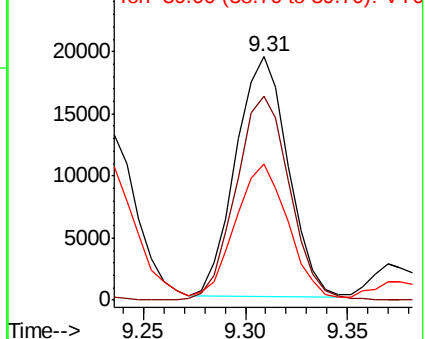
41 100

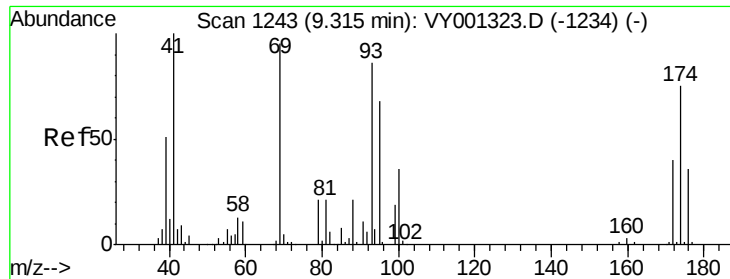
69 87.1 70.2 105.4

39 57.7 45.7 68.5



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

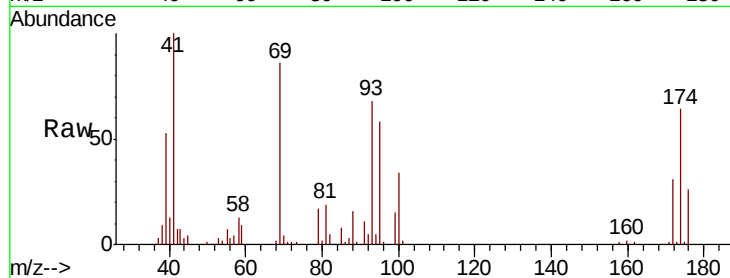




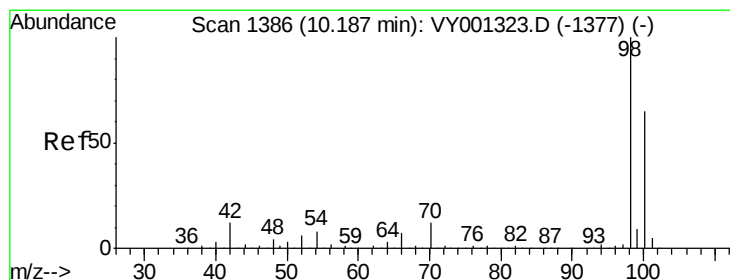
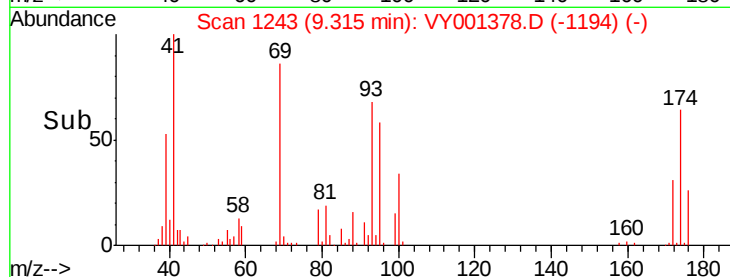
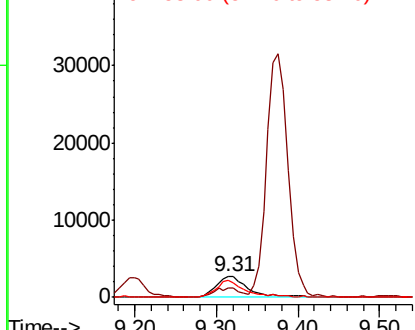
#49
 1,4-Dioxane
 Concen: 426.593 ug/l
 RT: 9.31 min Scan# 1243
 Delta R.T. -0.00 min
 Lab File: VY001378.D
 Acq: 24 Jan 2020 13:43

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion: 88 Resp: 7463
 Ion Ratio Lower Upper
 88 100
 43 38.0 28.2 42.2
 58 68.3 55.6 83.4

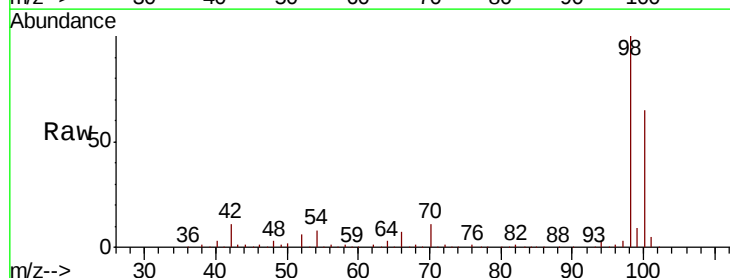


Abundance Ion 88.00 (87.70 to 88.70): VY0
 Ion 43.00 (42.70 to 43.70): VY0
 Ion 58.00 (57.70 to 58.70): VY0

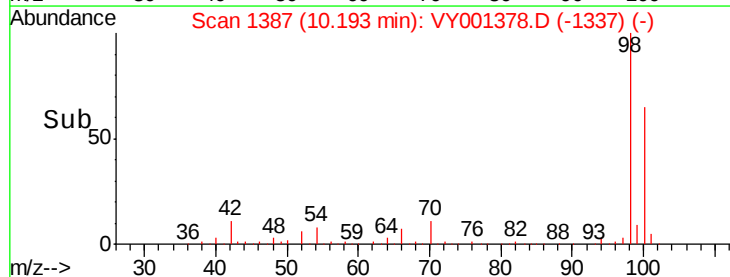
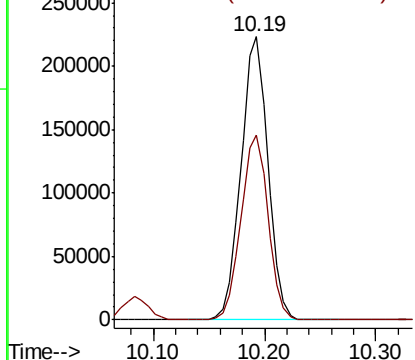


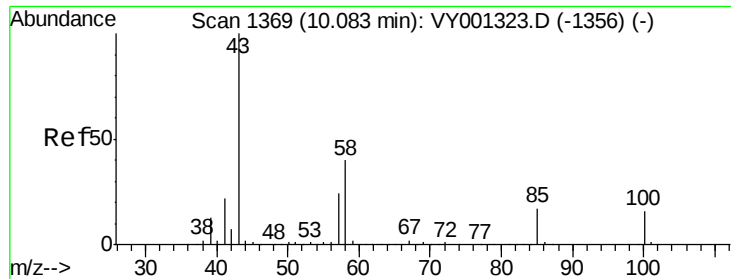
#50
 Toluene-d8
 Concen: 50.744 ug/l
 RT: 10.19 min Scan# 1387
 Delta R.T. 0.01 min
 Lab File: VY001378.D
 Acq: 24 Jan 2020 13:43

Tgt Ion: 98 Resp: 373386
 Ion Ratio Lower Upper
 98 100
 100 65.9 52.6 79.0



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

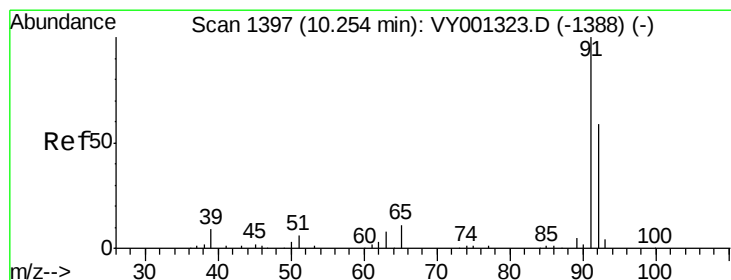
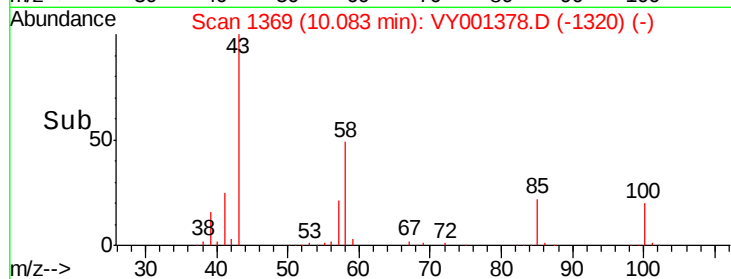
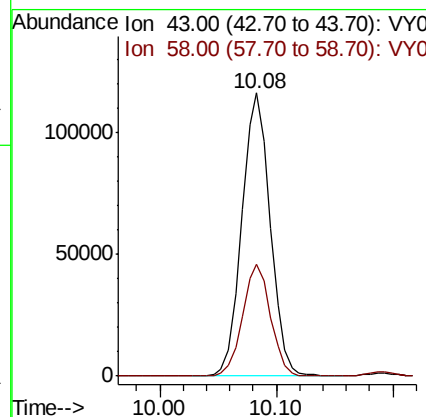
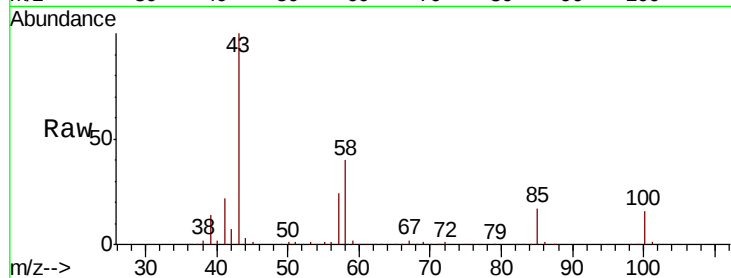




#51
4-Methyl-2-Pentanone
Concen: 106.167 ug/l
RT: 10.08 min Scan# 1369
Delta R.T. -0.00 min
Lab File: VY001378.D
Acq: 24 Jan 2020 13:43

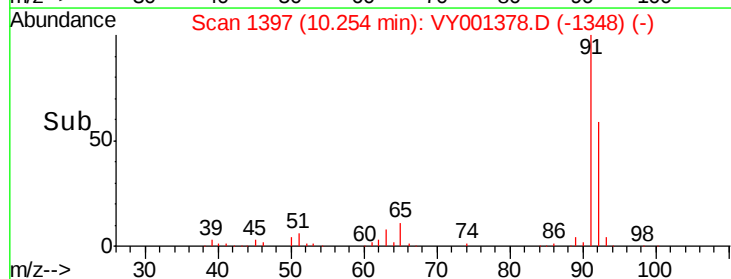
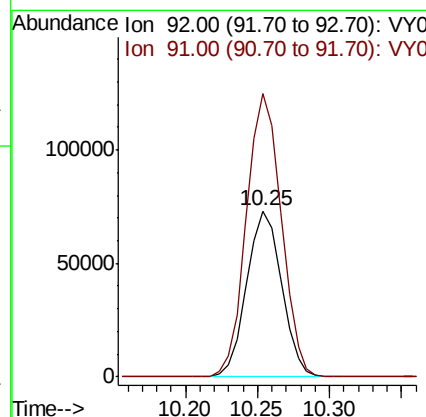
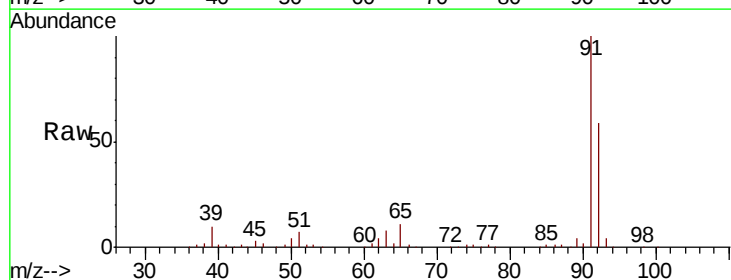
Instrument :
MSVOA_Y
ClientSampleId :

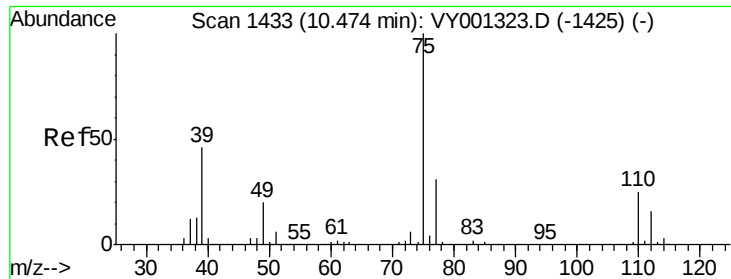
Tot Ion: 43 Resp: 198022
Ion Ratio Lower Upper
43 100
58 38.9 31.5 47.3



#52
Toluene
Concen: 21.202 ug/l
RT: 10.25 min Scan# 1397
Delta R.T. -0.00 min
Lab File: VY001378.D
Acq: 24 Jan 2020 13:43

Tgt Ion: 92 Resp: 122853
Ion Ratio Lower Upper
92 100
91 170.6 136.4 204.6





#53

t-1,3-Dichloropropene

Concen: 20.989 ug/l

RT: 10.47 min Scan# 1433

Delta R.T. -0.00 min

Lab File: VY001378.D

Acq: 24 Jan 2020 13:43

Instrument :

MSVOA_Y

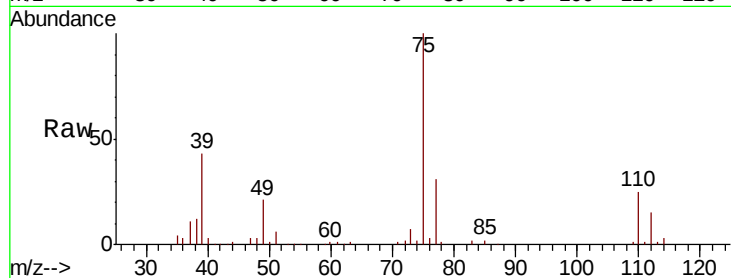
ClientSampleId :

Tot Ion: 75 Resp: 68992

Ion Ratio Lower Upper

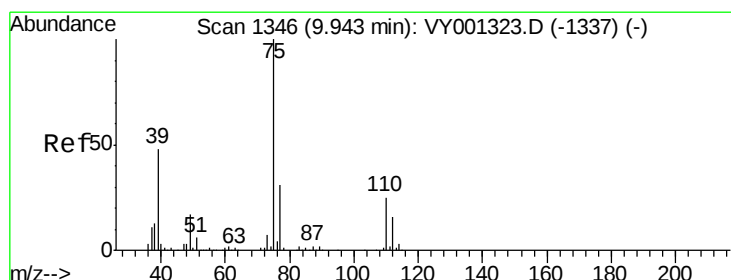
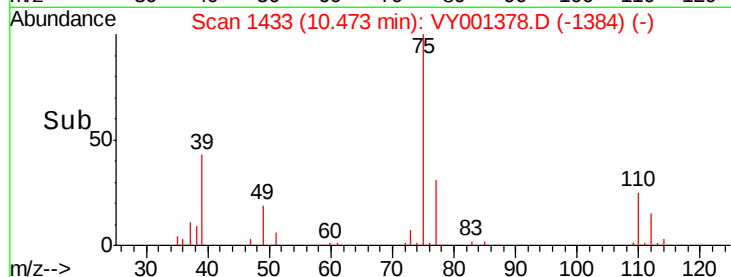
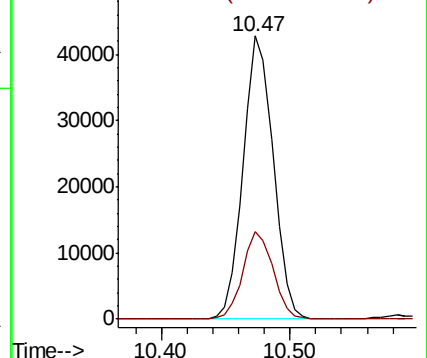
75 100

77 30.9 25.2 37.8



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0



#54

cis-1,3-Dichloropropene

Concen: 20.889 ug/l

RT: 9.94 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VY001378.D

Acq: 24 Jan 2020 13:43

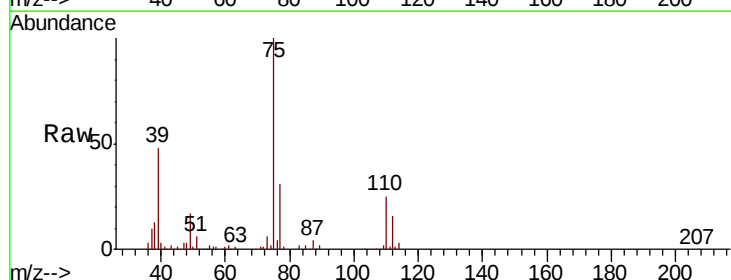
Tgt Ion: 75 Resp: 78813

Ion Ratio Lower Upper

75 100

77 31.3 25.0 37.6

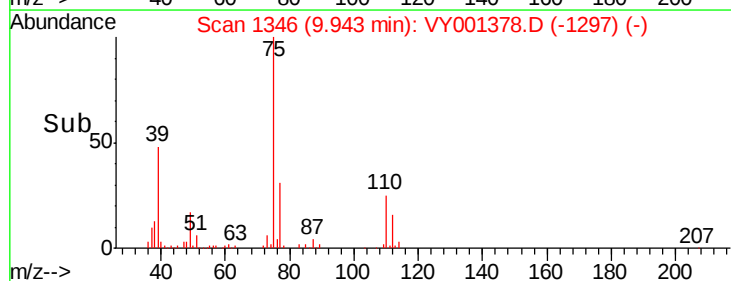
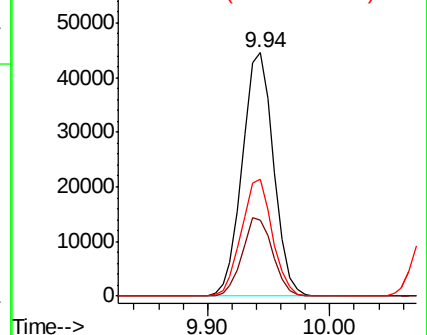
39 47.6 38.2 57.4

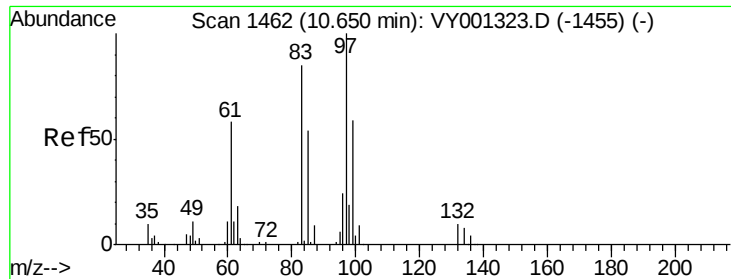


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0

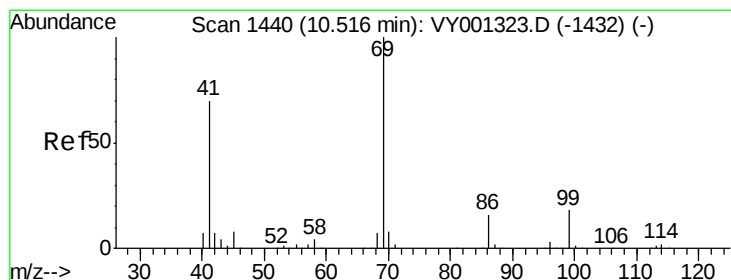
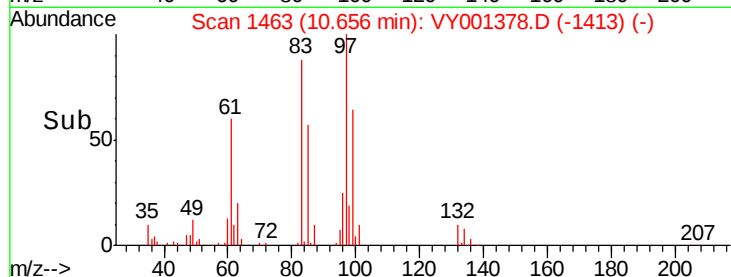
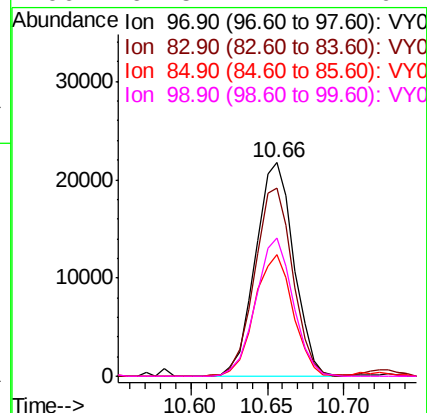
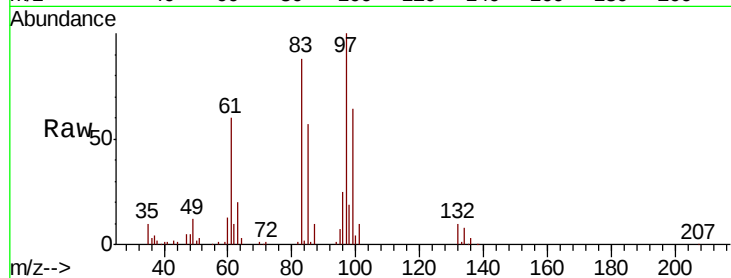




#55
 1,1,2-Trichloroethane
 Concen: 20.809 ug/l
 RT: 10.66 min Scan# 1463
 Delta R.T. 0.01 min
 Lab File: VY001378.D
 Acq: 24 Jan 2020 13:43

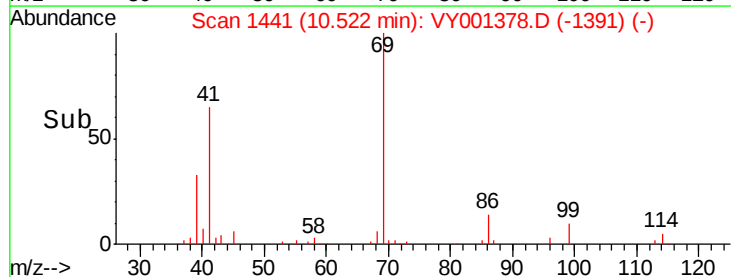
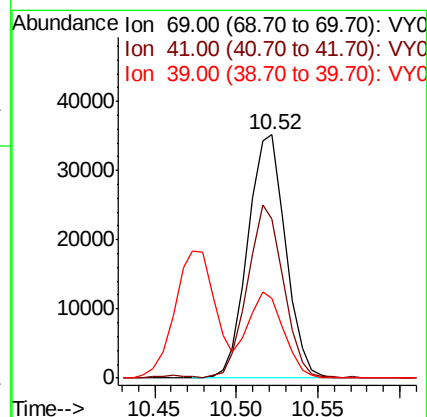
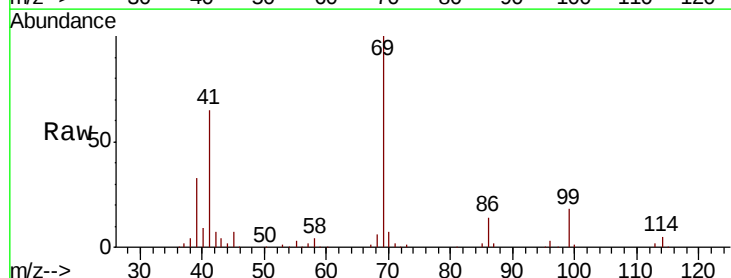
Instrument :
 MSVOA_Y
 ClientSampleId :

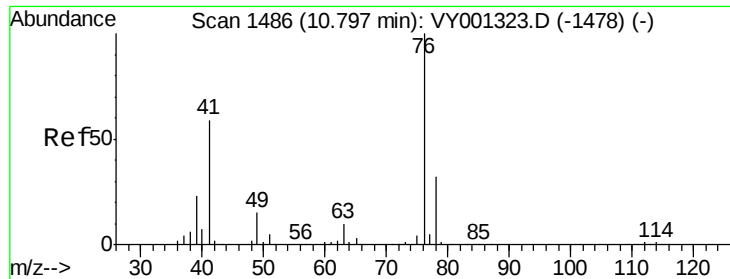
Tot Ion: 97 Resp: 38102
 Ion Ratio Lower Upper
 97 100
 83 88.1 68.0 102.0
 85 56.5 43.6 65.4
 99 64.5 47.1 70.7



#56
 Ethyl methacrylate
 Concen: 20.562 ug/l
 RT: 10.52 min Scan# 1441
 Delta R.T. 0.01 min
 Lab File: VY001378.D
 Acq: 24 Jan 2020 13:43

Tgt Ion: 69 Resp: 56906
 Ion Ratio Lower Upper
 69 100
 41 66.9 54.1 81.1
 39 33.3 26.8 40.2

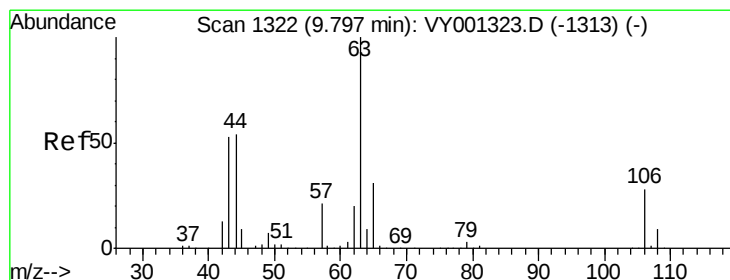
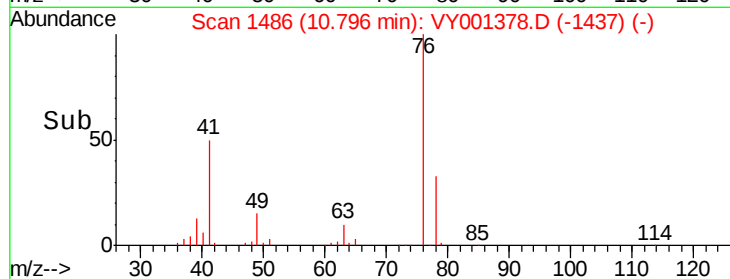
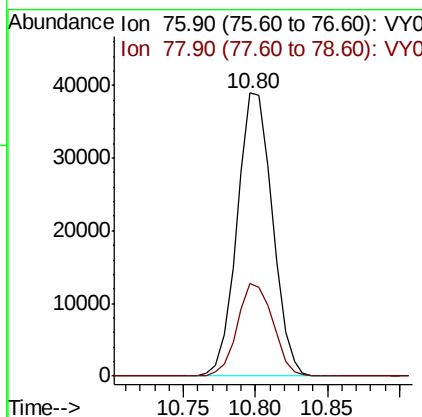
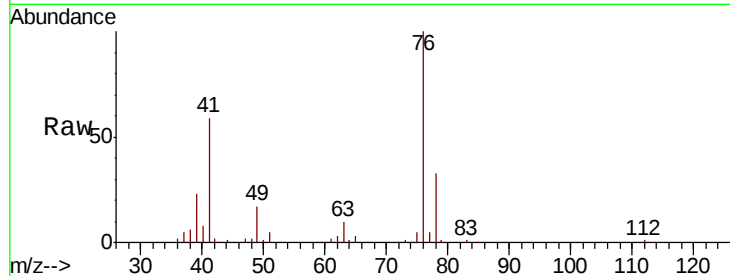




#57
 1,3-Dichloropropane
 Concen: 20.840 ug/l
 RT: 10.80 min Scan# 1486
 Delta R.T. -0.00 min
 Lab File: VY001378.D
 Acq: 24 Jan 2020 13:43

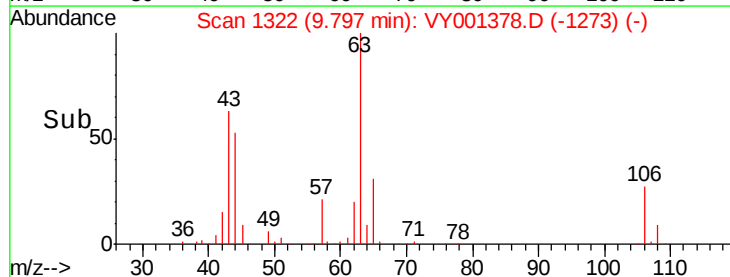
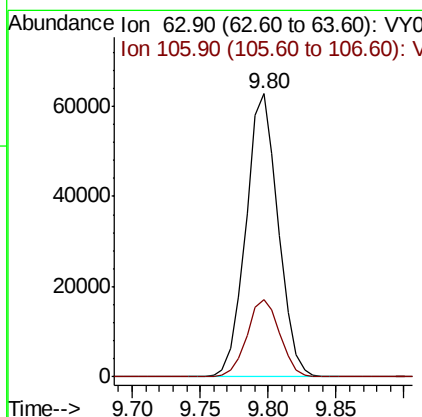
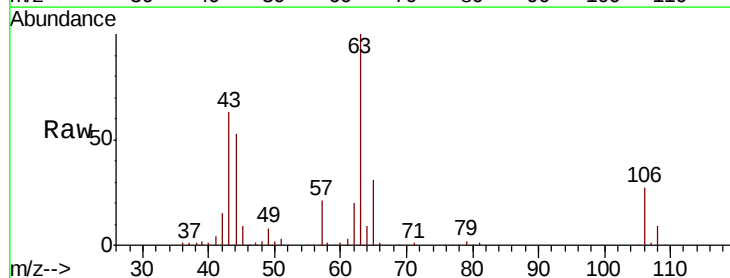
Instrument :
 MSVOA_Y
 ClientSampled :

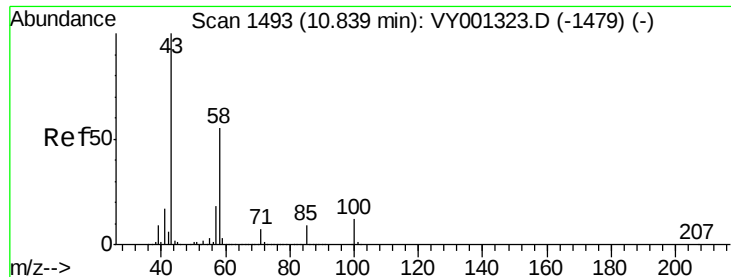
Tot Ion: 76 Resp: 66473
 Ion Ratio Lower Upper
 76 100
 78 32.9 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 108.995 ug/l
 RT: 9.80 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VY001378.D
 Acq: 24 Jan 2020 13:43

Tgt Ion: 63 Resp: 104379
 Ion Ratio Lower Upper
 63 100
 106 27.6 22.5 33.7





#59

2-Hexanone

Concen: 110.522 ug/l

RT: 10.84 min Scan# 1493

Delta R.T. -0.00 min

Lab File: VY001378.D

Acq: 24 Jan 2020 13:43

Instrument :

MSVOA_Y

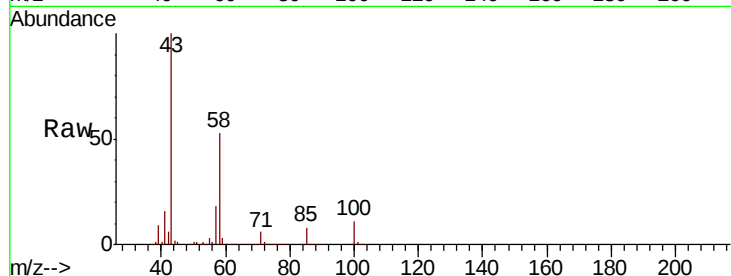
ClientSampleId :

Tot Ion: 43 Resp: 143512

Ion Ratio Lower Upper

43 100

58 54.6 27.6 82.8



Abundance Ion 43.00 (42.70 to 43.70): VY001323.D (-1479) (-)

Ion 58.00 (57.70 to 58.70): VY001323.D (-1479) (-)

10.84

80000

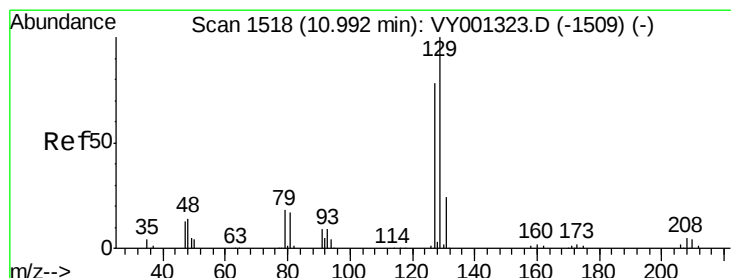
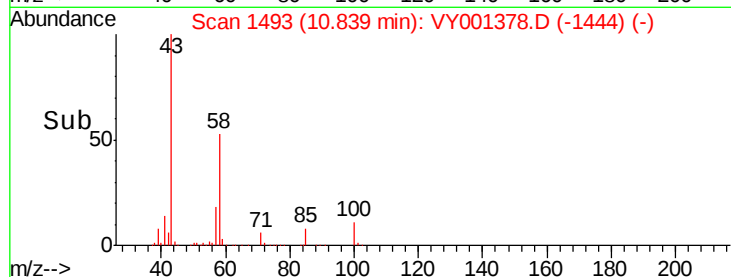
60000

40000

20000

0

Time-->



#60

Dibromochloromethane

Concen: 20.189 ug/l

RT: 10.99 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VY001378.D

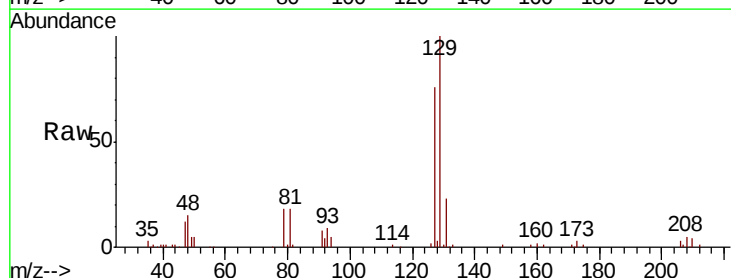
Acq: 24 Jan 2020 13:43

Tgt Ion: 129 Resp: 41346

Ion Ratio Lower Upper

129 100

127 78.3 38.8 116.4



Abundance Ion 128.80 (128.50 to 129.50): VY001323.D (-1509) (-)

Ion 126.80 (126.50 to 127.50): VY001323.D (-1509) (-)

10.99

25000

20000

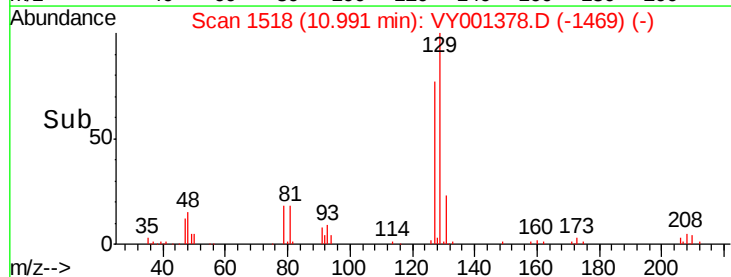
15000

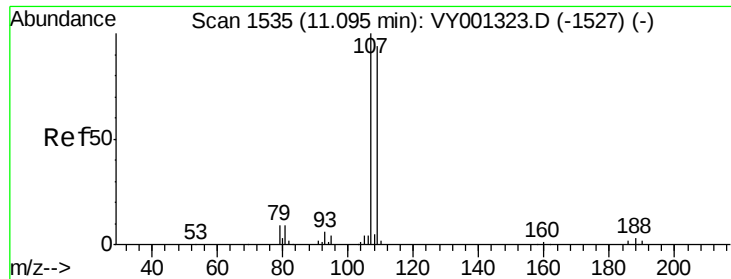
10000

5000

0

Time-->

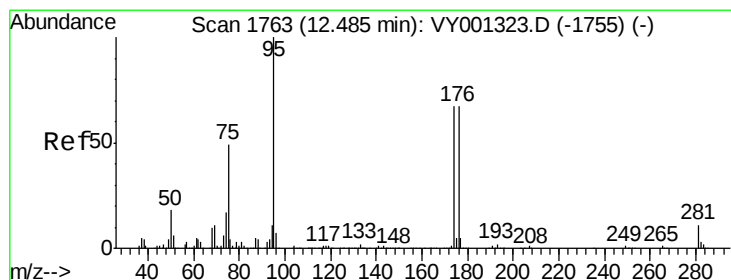
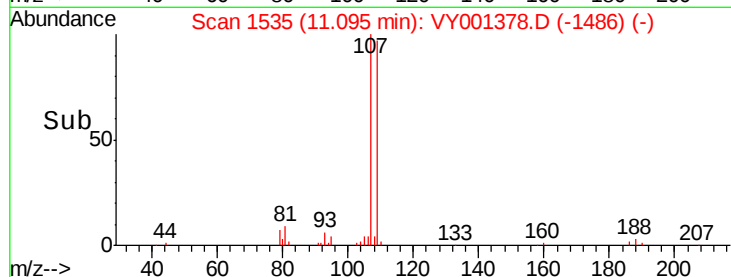
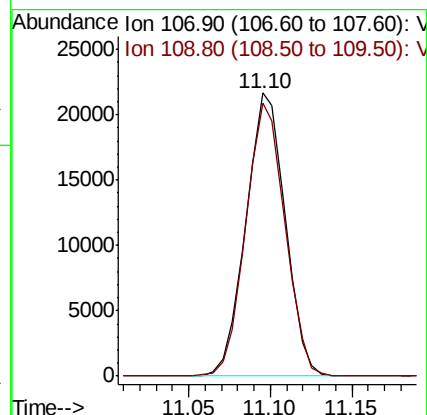
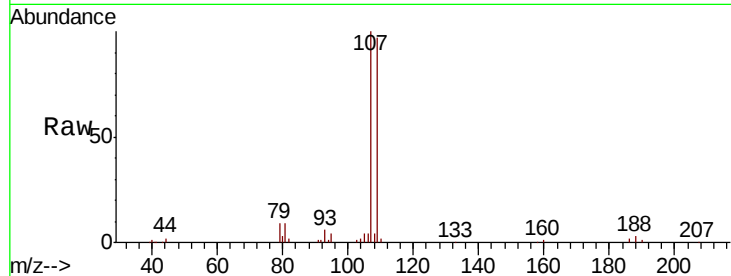




#61
 1,2-Dibromoethane
 Concen: 21.000 ug/l
 RT: 11.10 min Scan# 1535
 Delta R.T. -0.00 min
 Lab File: VY001378.D
 Acq: 24 Jan 2020 13:43

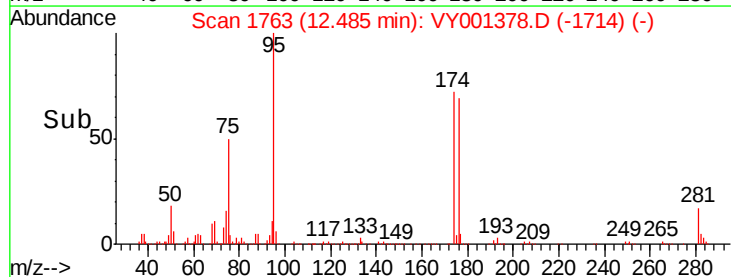
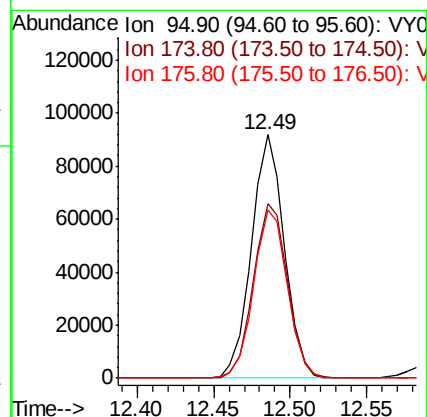
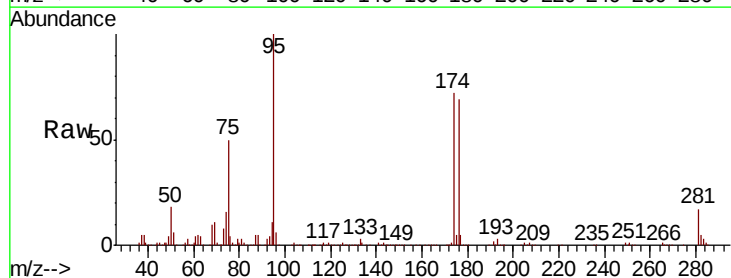
Instrument :
 MSVOA_Y
 ClientSampleId :

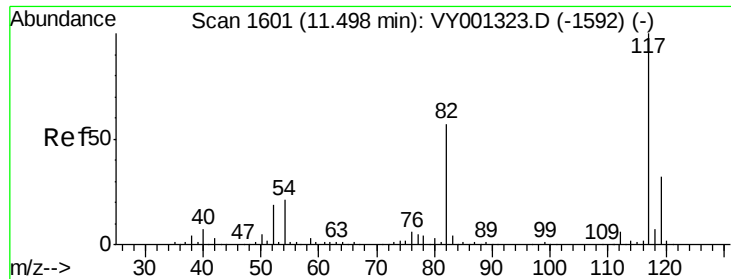
Tot Ion:107 Resp: 36351
 Ion Ratio Lower Upper
 107 100
 109 96.4 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 46.722 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. -0.00 min
 Lab File: VY001378.D
 Acq: 24 Jan 2020 13:43

Tgt Ion: 95 Resp: 136908
 Ion Ratio Lower Upper
 95 100
 174 74.5 0.0 142.0
 176 71.1 0.0 138.6

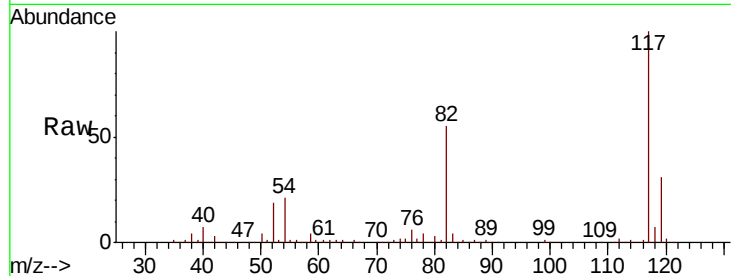




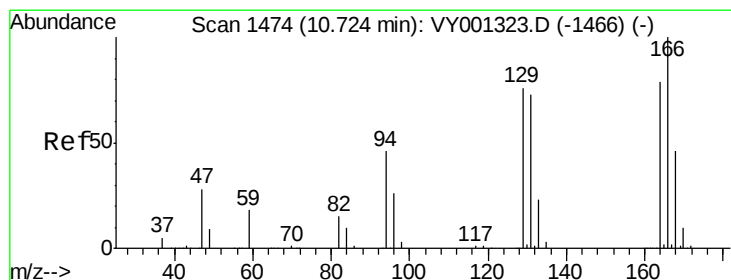
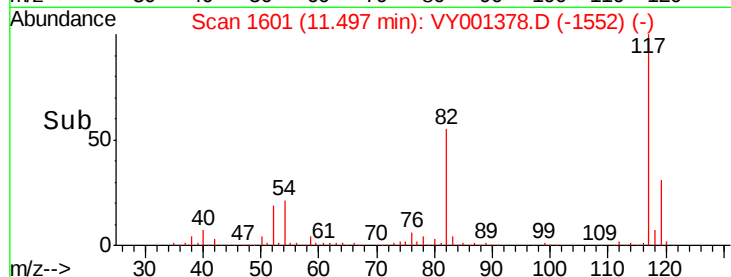
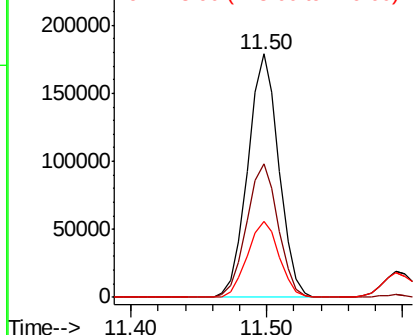
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VY001378.D
Acq: 24 Jan 2020 13:43

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:117 Resp: 285441
Ion Ratio Lower Upper
117 100
82 55.0 45.5 68.3
119 31.1 25.8 38.6

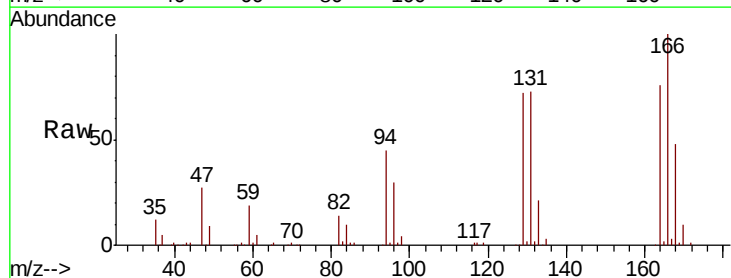


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

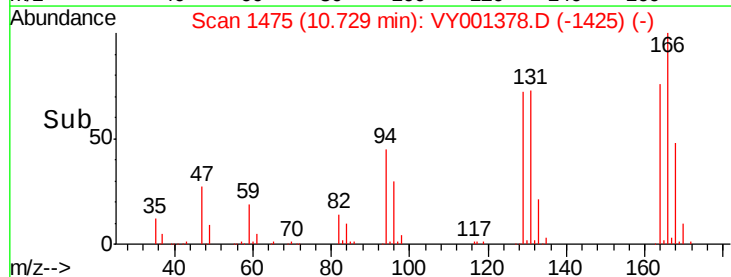
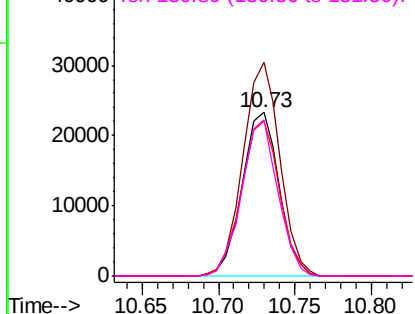


#64
Tetrachloroethene
Concen: 21.494 ug/l
RT: 10.73 min Scan# 1475
Delta R.T. 0.01 min
Lab File: VY001378.D
Acq: 24 Jan 2020 13:43

Tgt Ion:164 Resp: 39190
Ion Ratio Lower Upper
164 100
166 130.8 101.8 152.8
129 94.6 77.1 115.7
131 95.4 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

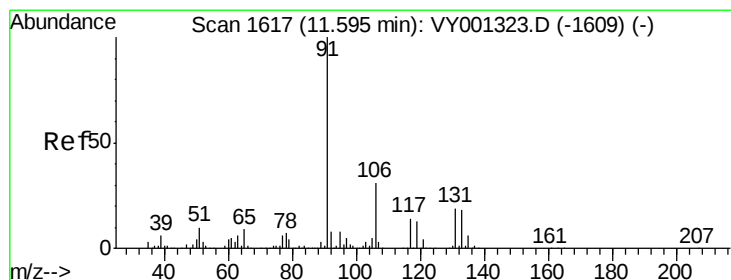
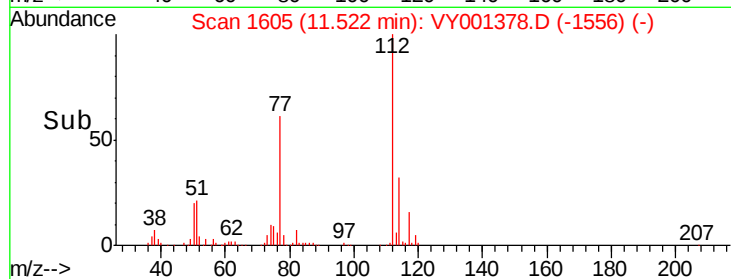
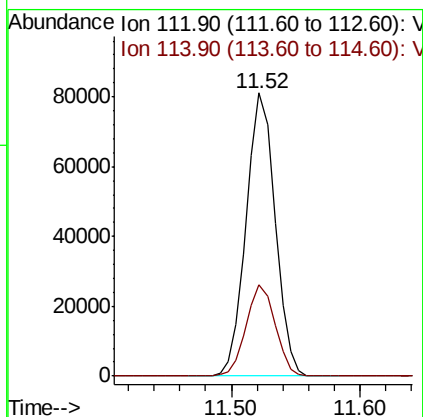
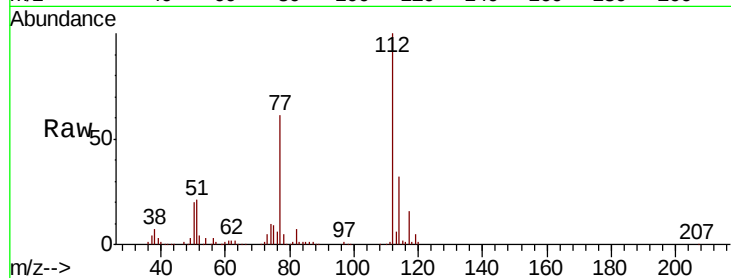




#65
Chlorobenzene
Concen: 20.924 ug/l
RT: 11.52 min Scan# 1605
Delta R.T. -0.00 min
Lab File: VY001378.D
Acq: 24 Jan 2020 13:43

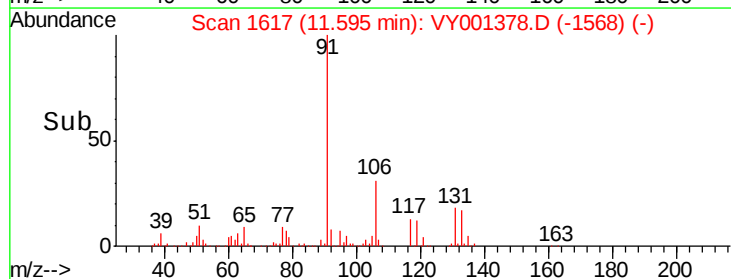
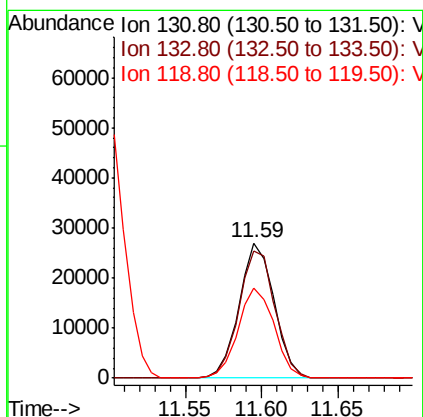
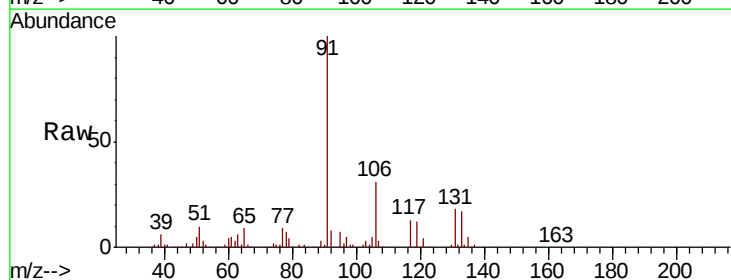
Instrument :
MSVOA_Y
ClientSampleId :

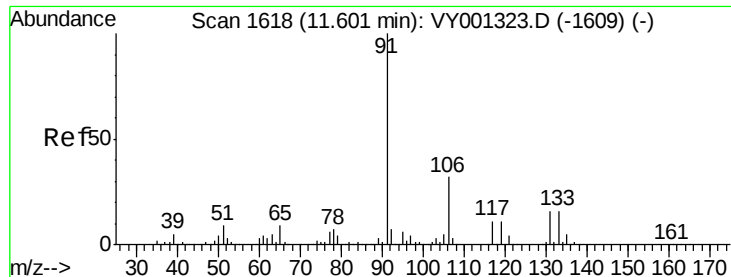
Tot Ion:112 Resp: 125894
Ion Ratio Lower Upper
112 100
114 32.1 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 20.923 ug/l
RT: 11.59 min Scan# 1617
Delta R.T. -0.00 min
Lab File: VY001378.D
Acq: 24 Jan 2020 13:43

Tgt Ion:131 Resp: 42960
Ion Ratio Lower Upper
131 100
133 97.3 47.1 141.3
119 68.2 34.1 102.2

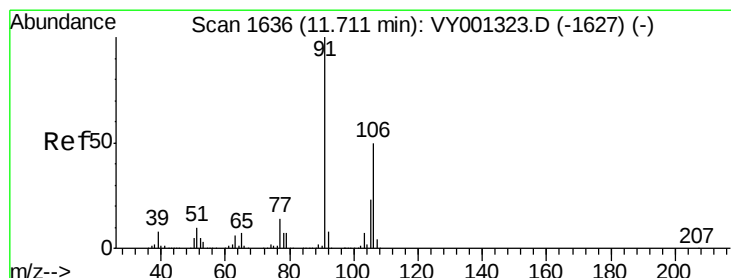
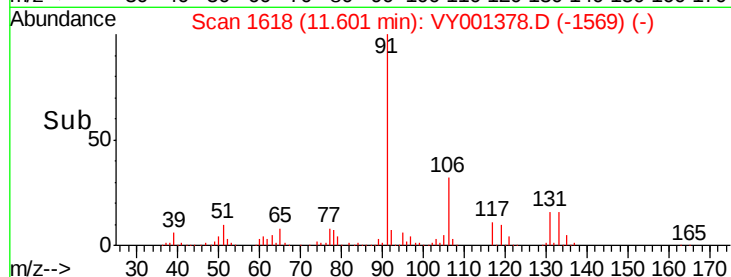
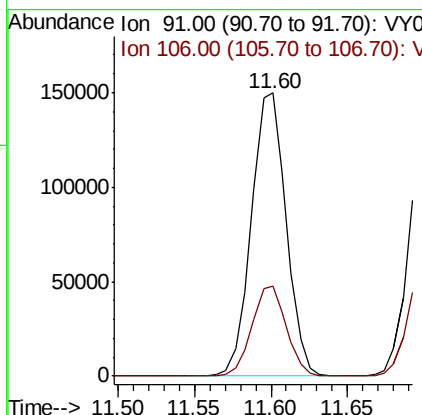
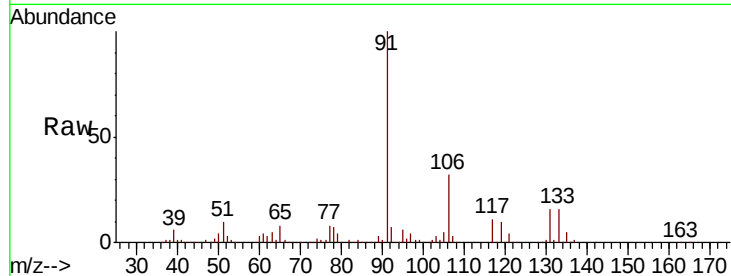




#67
Ethyl Benzene
Concen: 21.341 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VY001378.D
Acq: 24 Jan 2020 13:43

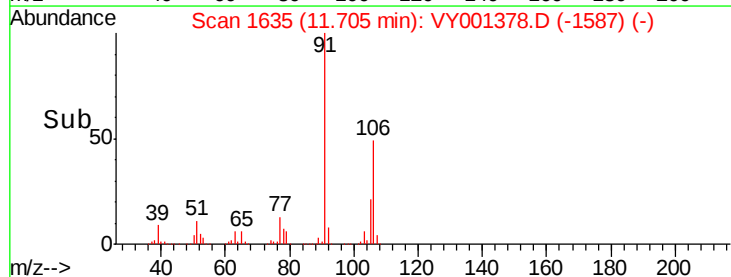
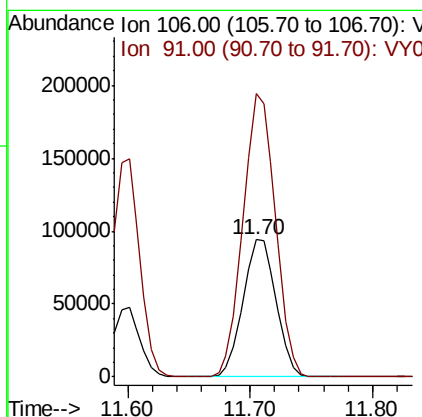
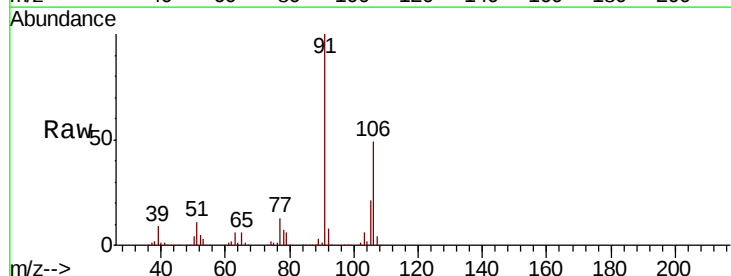
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 91 Resp: 236627
Ion Ratio Lower Upper
91 100
106 31.8 25.4 38.0



#68
m/p-Xylenes
Concen: 42.800 ug/l
RT: 11.70 min Scan# 1635
Delta R.T. -0.01 min
Lab File: VY001378.D
Acq: 24 Jan 2020 13:43

Tgt Ion: 106 Resp: 177247
Ion Ratio Lower Upper
106 100
91 201.9 162.8 244.2

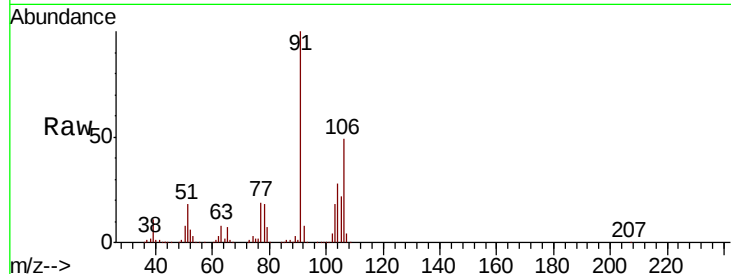




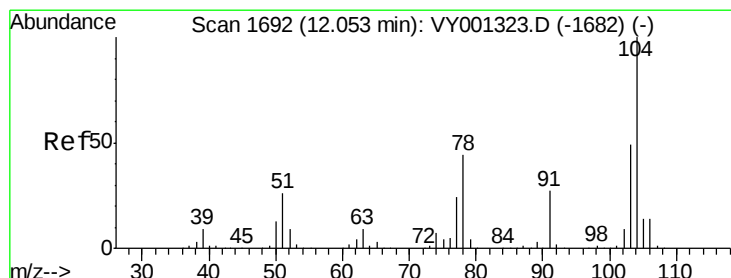
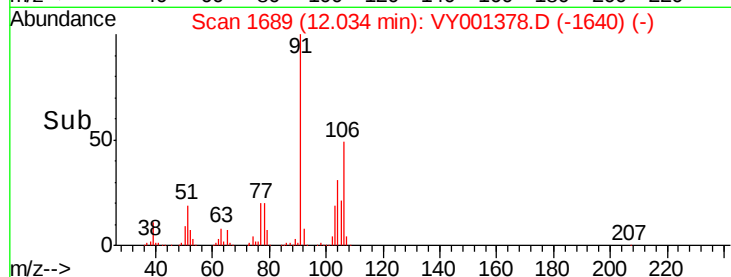
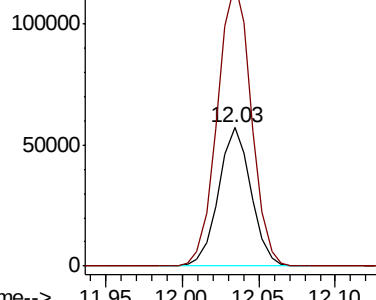
#69
o-Xylene
Concen: 21.239 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. -0.00 min
Lab File: VY001378.D
Acq: 24 Jan 2020 13:43

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:106 Resp: 84613
Ion Ratio Lower Upper
106 100
91 211.6 106.3 319.0

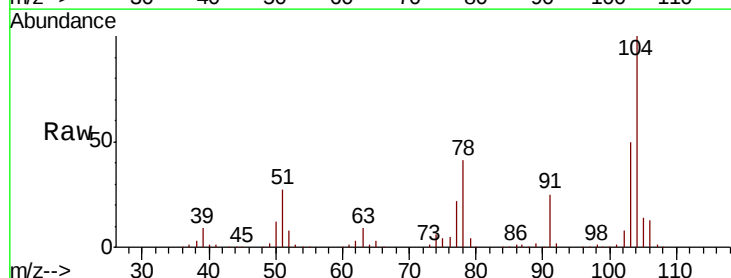


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VY0

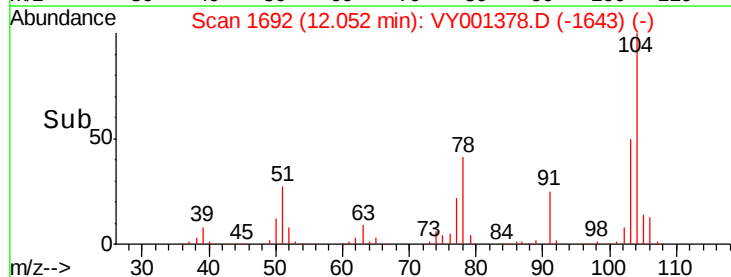
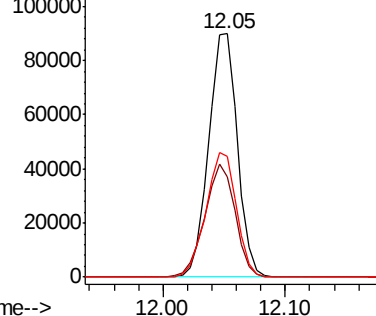


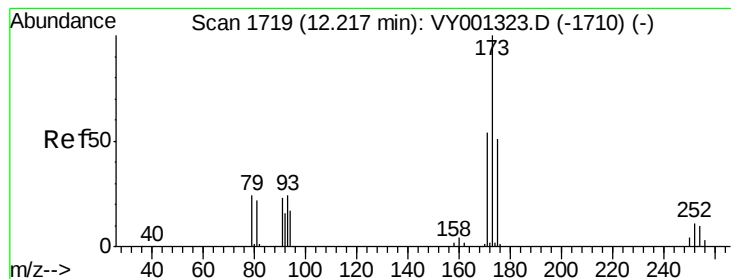
#70
Styrene
Concen: 20.881 ug/l
RT: 12.05 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VY001378.D
Acq: 24 Jan 2020 13:43

Tgt Ion:104 Resp: 145957
Ion Ratio Lower Upper
104 100
78 48.9 39.8 59.8
103 54.1 43.2 64.8



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





#71

Bromoform

Concen: 19.924 ug/l

RT: 12.22 min Scan# 1719

Delta R.T. -0.00 min

Lab File: VY001378.D

Acq: 24 Jan 2020 13:43

Instrument :

MSVOA_Y

ClientSampleId :

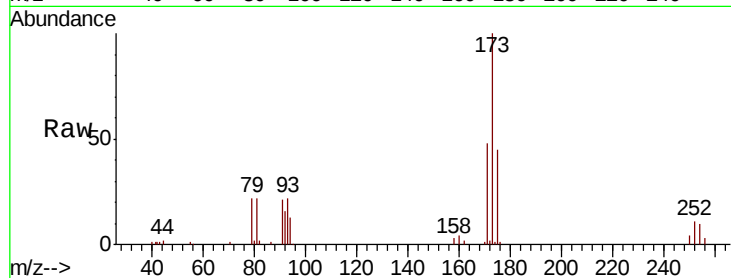
Tot Ion:173 Resp: 24421

Ion Ratio Lower Upper

173 100

175 49.9 24.3 72.9

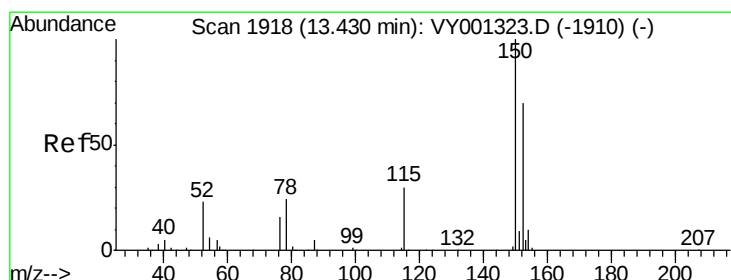
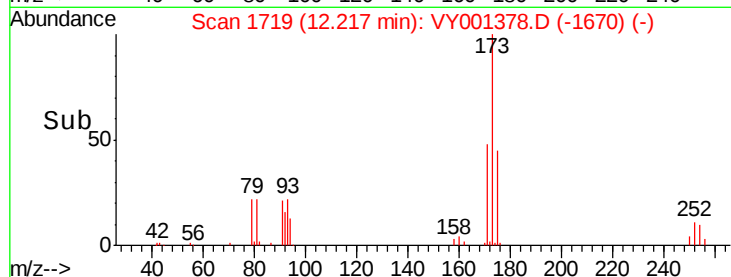
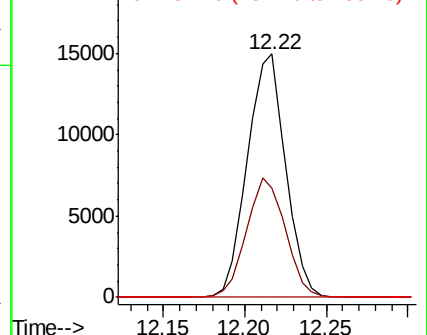
254 0.0 0.0 0.0



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: VY001378.D

Acq: 24 Jan 2020 13:43

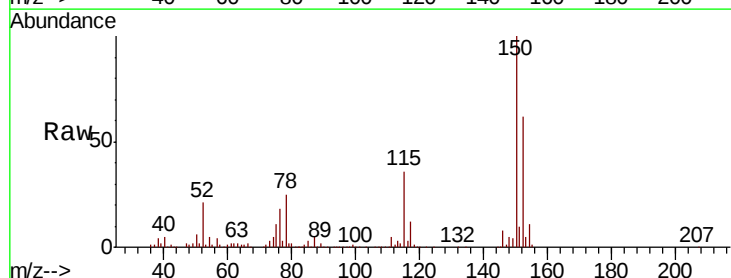
Tgt Ion:152 Resp: 137552

Ion Ratio Lower Upper

152 100

115 60.4 30.9 92.8

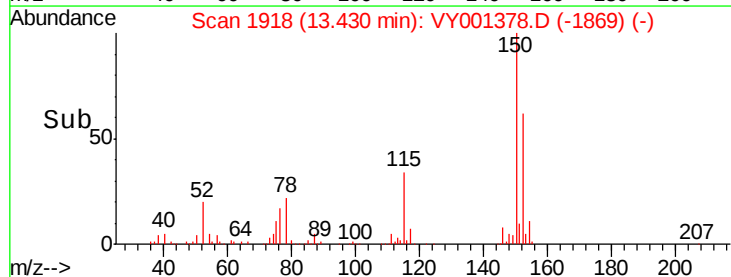
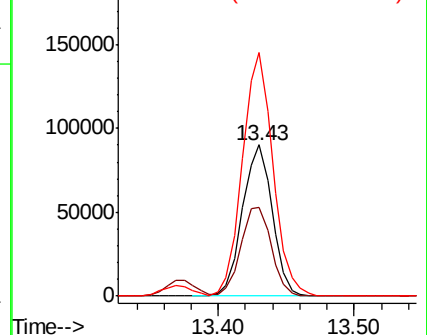
150 165.1 0.0 349.2

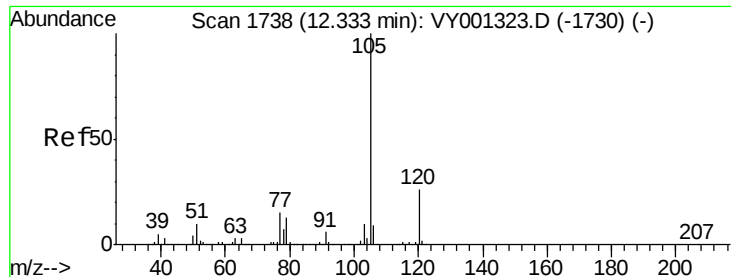


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.909 ug/l

RT: 12.33 min Scan# 1738

Delta R.T. -0.00 min

Lab File: VY001378.D

Acq: 24 Jan 2020 13:43

Instrument :

MSVOA_Y

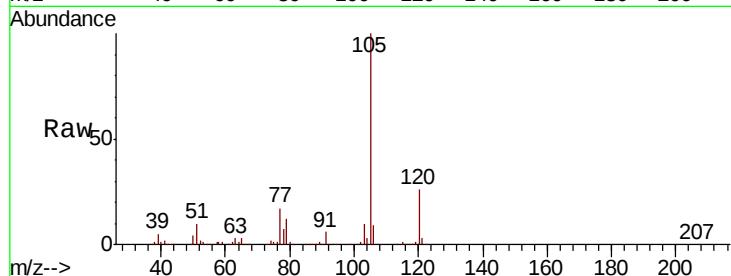
ClientSampleId :

Tot Ion:105 Resp: 226942

Ion Ratio Lower Upper

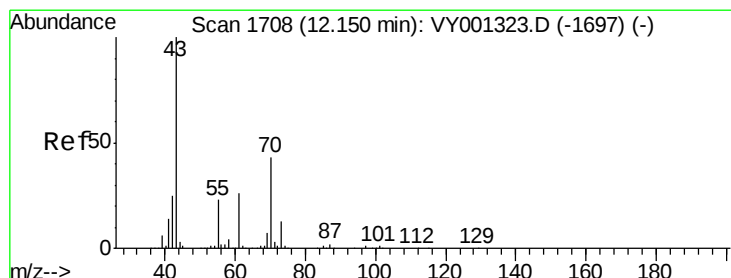
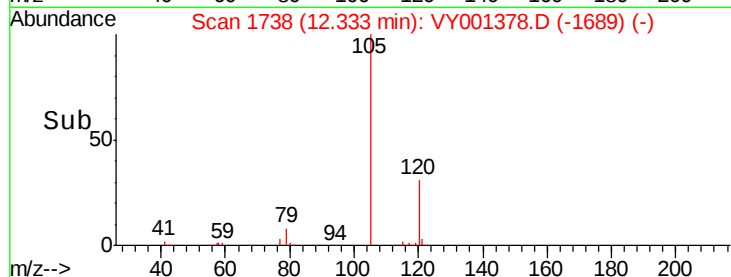
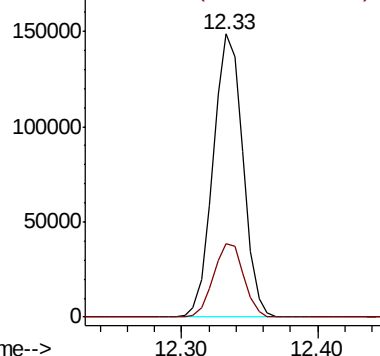
105 100

120 26.4 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 20.628 ug/l

RT: 12.15 min Scan# 1708

Delta R.T. -0.00 min

Lab File: VY001378.D

Acq: 24 Jan 2020 13:43

Tgt Ion: 43 Resp: 73287

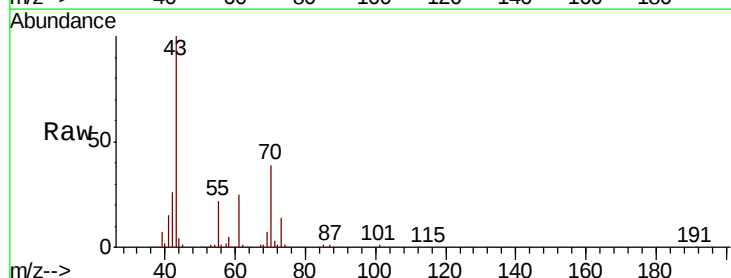
Ion Ratio Lower Upper

43 100

70 41.1 33.5 50.3

55 23.2 18.2 27.2

61 25.0 19.6 29.4

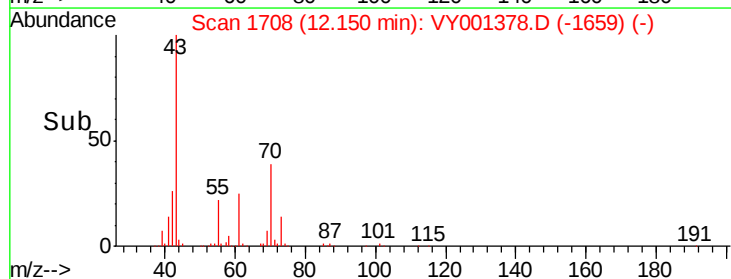
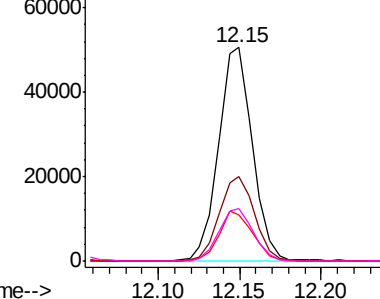


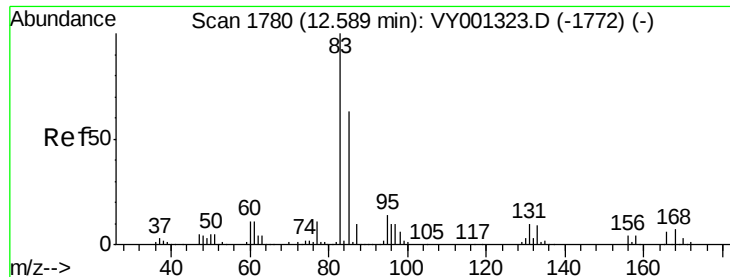
Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0





#75

1,1,2,2-Tetrachloroethane

Concen: 20.423 ug/l

RT: 12.59 min Scan# 1780

Delta R.T. -0.00 min

Lab File: VY001378.D

Acq: 24 Jan 2020 13:43

Instrument :

MSVOA_Y

ClientSampleId :

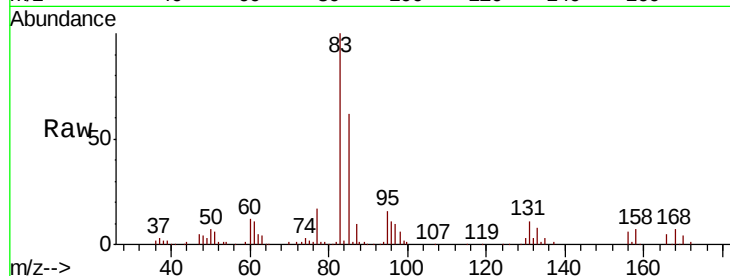
Tot Ion: 83 Resp: 47473

Ion Ratio Lower Upper

83 100

131 10.0 4.9 14.6

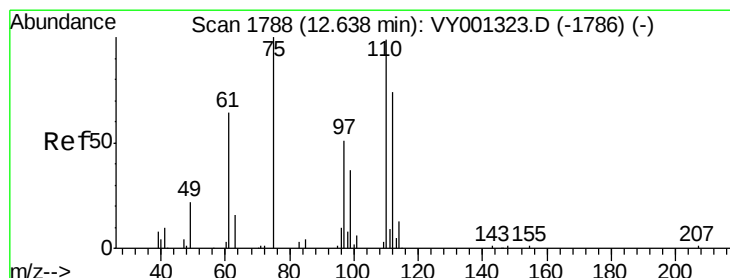
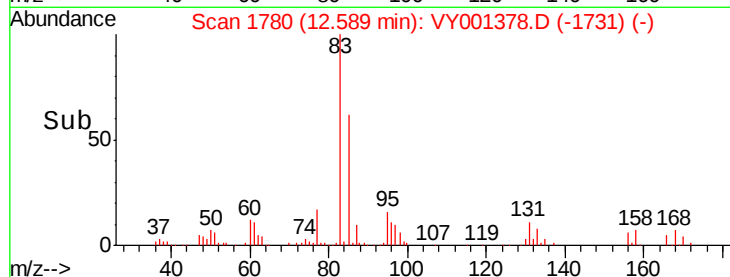
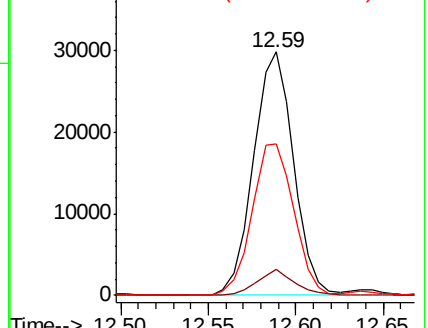
85 64.7 31.4 94.3



Abundance Ion 82.90 (82.60 to 83.60): VY001378.D (-1731) (-)

Ion 130.80 (130.50 to 131.50): VY001378.D (-1731) (-)

Ion 84.90 (84.60 to 85.60): VY001378.D (-1731) (-)



#76

1,2,3-Trichloropropane

Concen: 37.516 ug/l

RT: 12.64 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VY001378.D

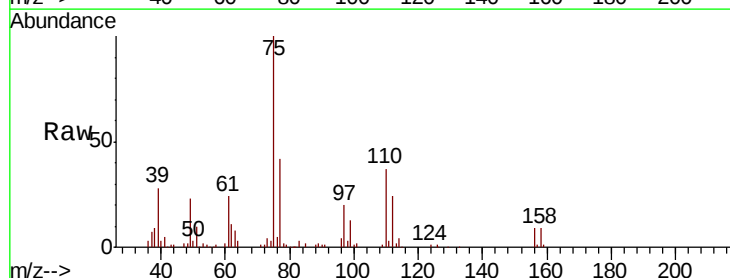
Acq: 24 Jan 2020 13:43

Tgt Ion: 75 Resp: 62183

Ion Ratio Lower Upper

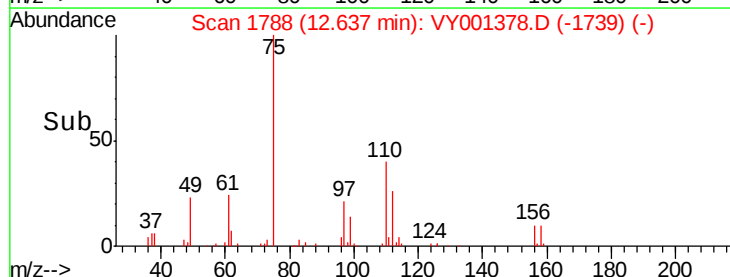
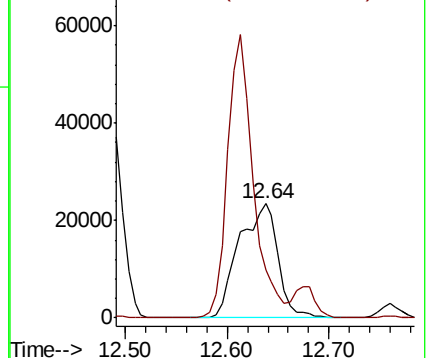
75 100

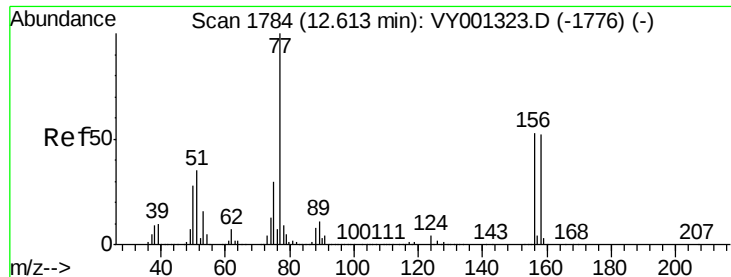
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY001378.D (-1739) (-)

Ion 77.00 (76.70 to 77.70): VY001378.D (-1739) (-)





#77

Bromobenzene

Concen: 20.230 ug/l

RT: 12.61 min Scan# 1784

Delta R.T. -0.00 min

Lab File: VY001378.D

Acq: 24 Jan 2020 13:43

Instrument :

MSVOA_Y

ClientSampleId :

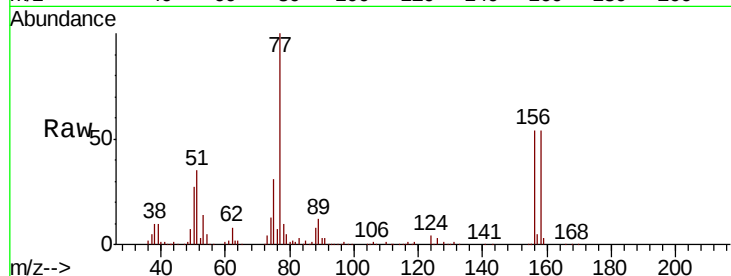
Tot Ion:156 Resp: 48635

Ion Ratio Lower Upper

156 100

77 208.7 104.7 313.9

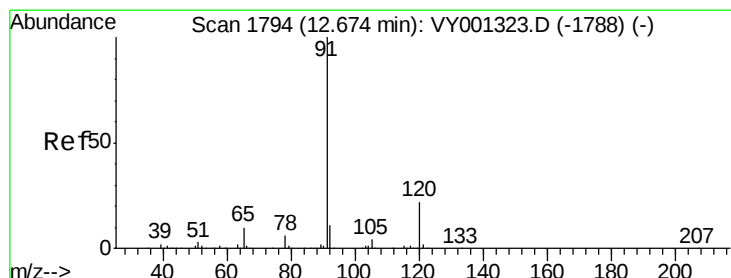
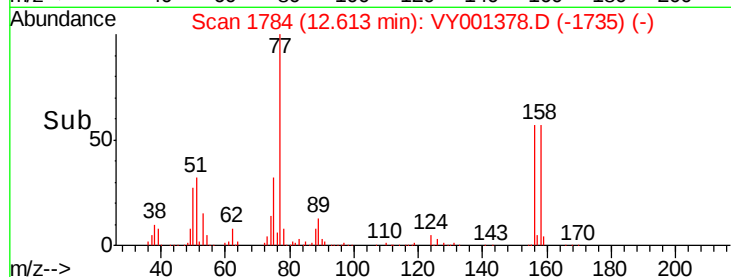
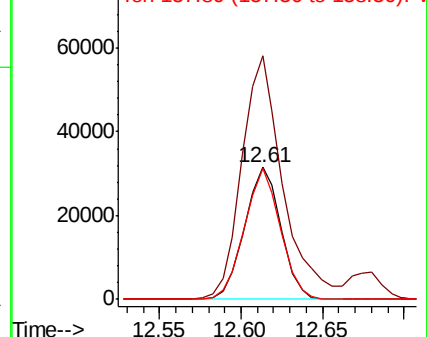
158 98.2 48.6 145.8



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: 21.223 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. -0.00 min

Lab File: VY001378.D

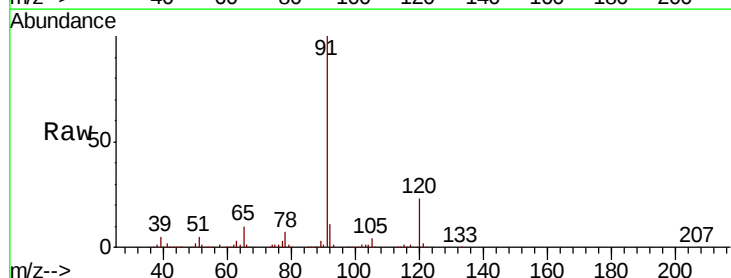
Acq: 24 Jan 2020 13:43

Tgt Ion: 91 Resp: 277269

Ion Ratio Lower Upper

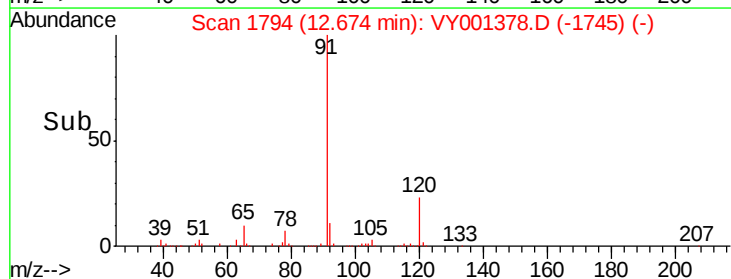
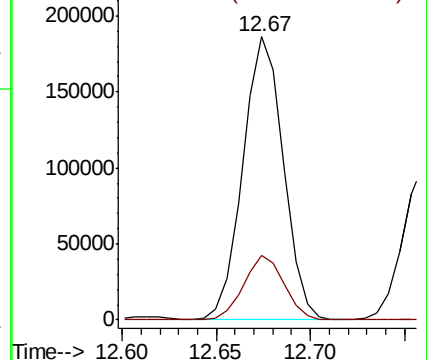
91 100

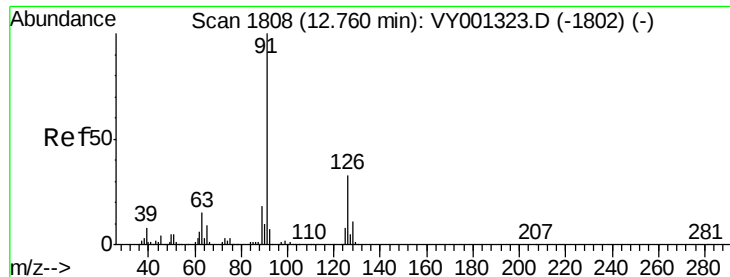
120 22.7 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.709 ug/l

RT: 12.76 min Scan# 1808

Delta R.T. -0.00 min

Lab File: VY001378.D

Acq: 24 Jan 2020 13:43

Instrument :

MSVOA_Y

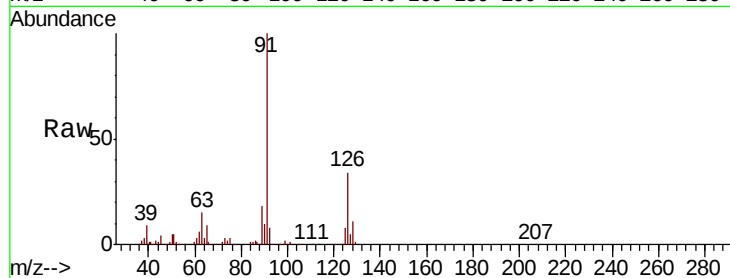
ClientSampleId :

Tot Ion: 91 Resp: 154561

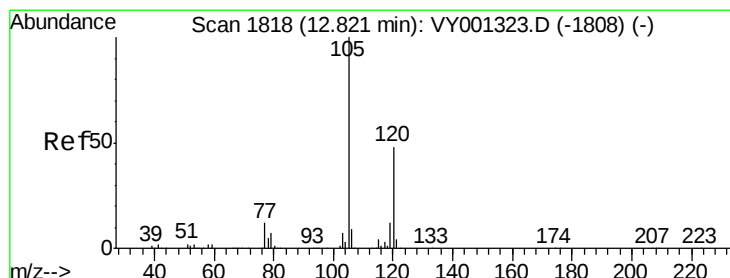
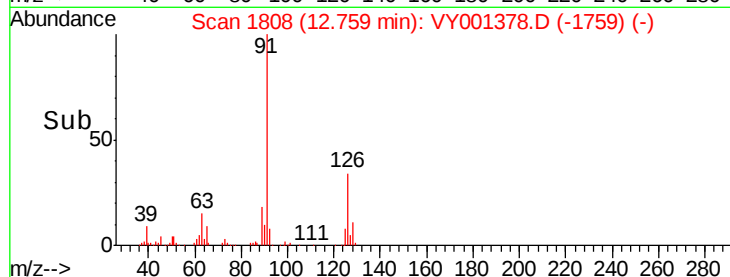
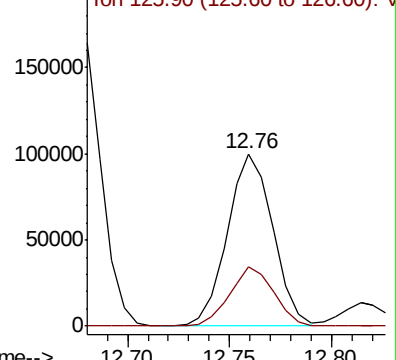
Ion Ratio Lower Upper

91 100

126 33.6 16.6 49.7



Abundance Ion 91.00 (90.70 to 91.70): VY001378.D (-1759) (-)



#80

1,3,5-Trimethylbenzene

Concen: 21.151 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. -0.01 min

Lab File: VY001378.D

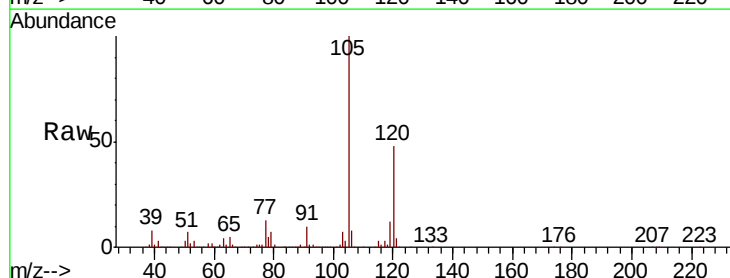
Acq: 24 Jan 2020 13:43

Tgt Ion:105 Resp: 191631

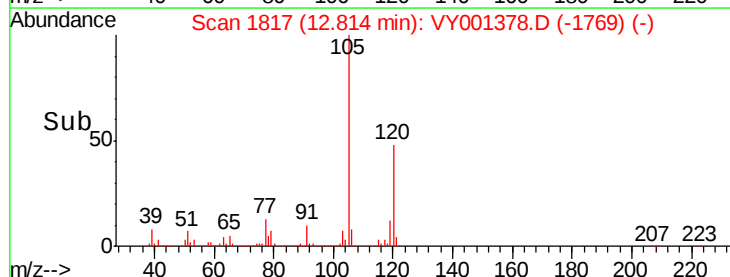
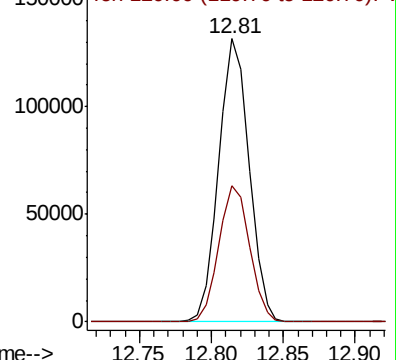
Ion Ratio Lower Upper

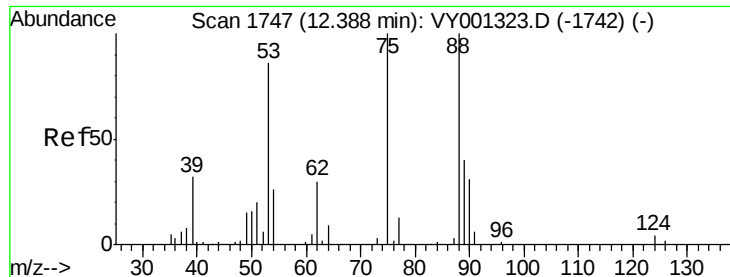
105 100

120 48.9 24.3 72.9



Abundance Ion 105.00 (104.70 to 105.70): VY001378.D (-1769) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 19.466 ug/l

RT: 12.39 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VY001378.D

Acq: 24 Jan 2020 13:43

Instrument :

MSVOA_Y

ClientSampleId :

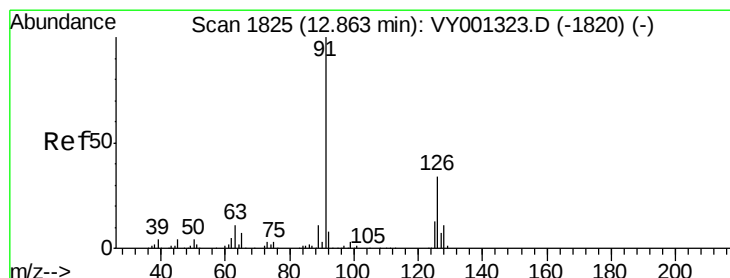
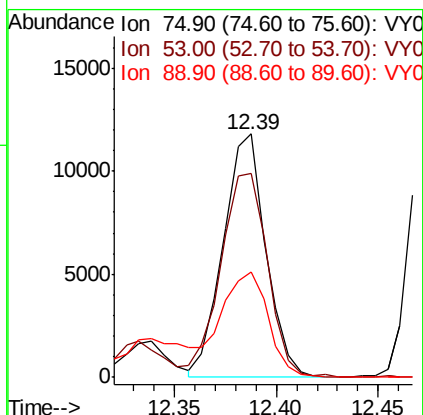
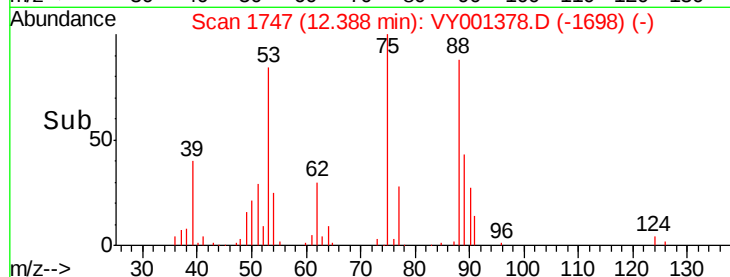
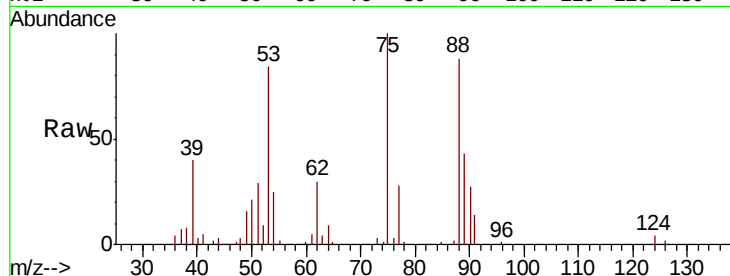
Tot Ion: 75 Resp: 17050

Ion Ratio Lower Upper

75 100

53 92.9 69.9 104.9

89 46.7 36.6 54.8



#82

4-Chlorotoluene

Concen: 20.797 ug/l

RT: 12.86 min Scan# 1824

Delta R.T. -0.01 min

Lab File: VY001378.D

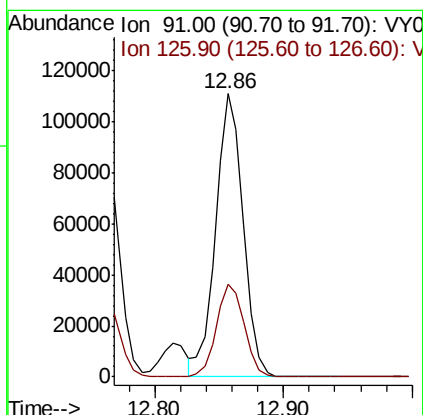
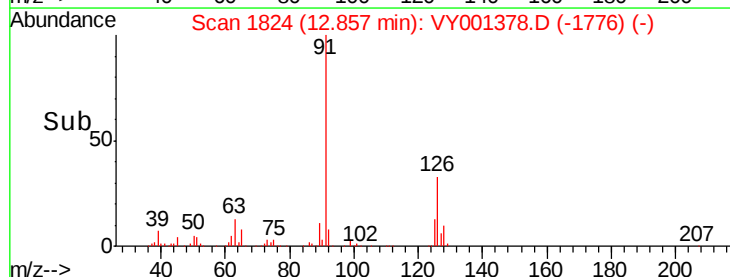
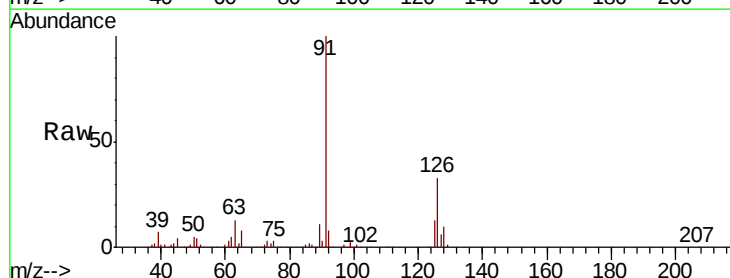
Acq: 24 Jan 2020 13:43

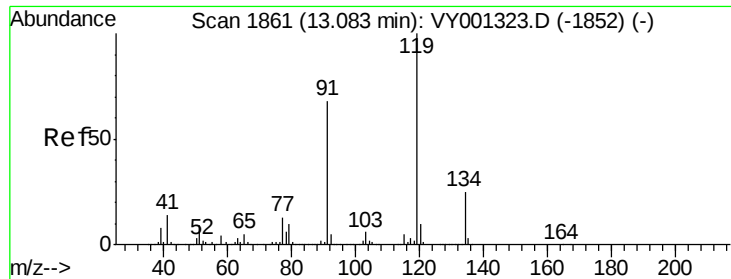
Tgt Ion: 91 Resp: 165800

Ion Ratio Lower Upper

91 100

126 33.1 16.4 49.4

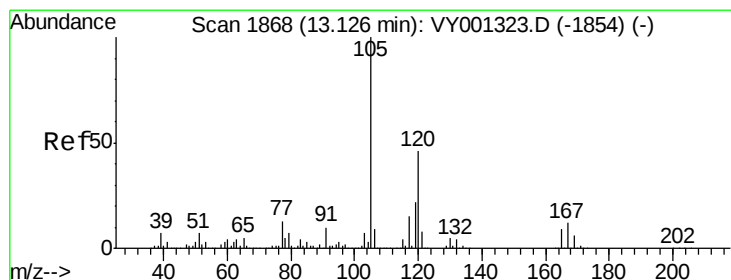
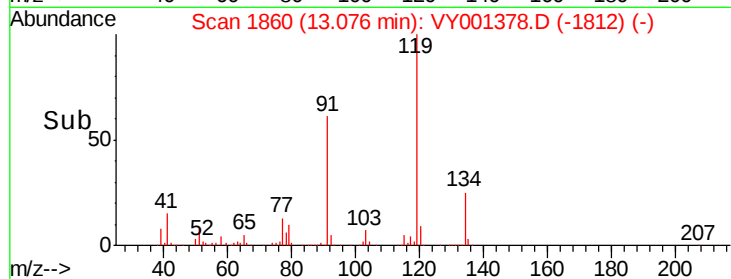
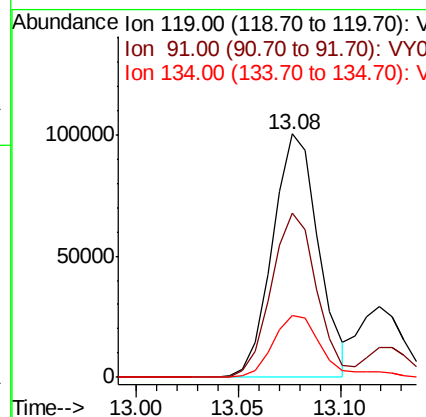
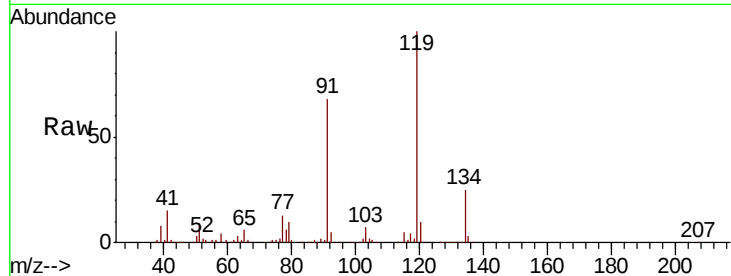




#83
tert-Butylbenzene
Concen: 20.707 ug/l
RT: 13.08 min Scan# 1860
Delta R.T. -0.01 min
Lab File: VY001378.D
Acq: 24 Jan 2020 13:43

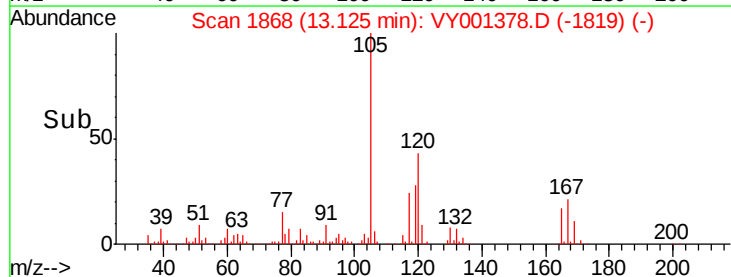
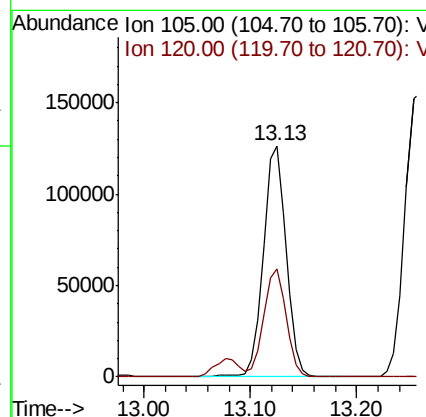
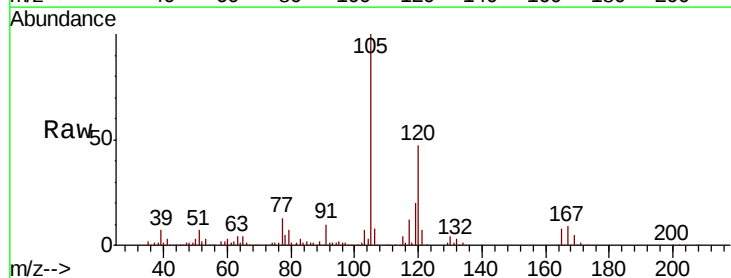
Instrument :
MSVOA_Y
ClientSampleId :

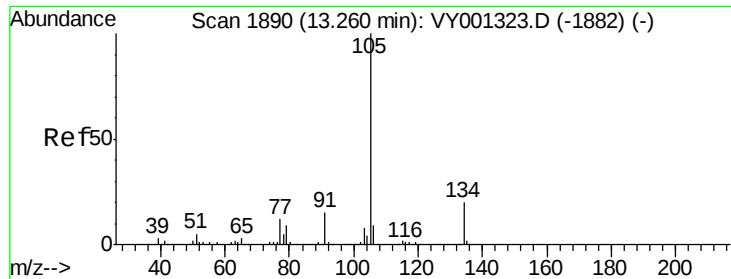
Tot Ion:119 Resp: 158143
Ion Ratio Lower Upper
119 100
91 67.1 33.0 99.0
134 27.5 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 20.859 ug/l
RT: 13.13 min Scan# 1868
Delta R.T. -0.00 min
Lab File: VY001378.D
Acq: 24 Jan 2020 13:43

Tgt Ion:105 Resp: 189731
Ion Ratio Lower Upper
105 100
120 46.1 22.4 67.3





#85

sec-Butylbenzene

Concen: 21.610 ug/l

RT: 13.26 min Scan# 1890

Delta R.T. -0.00 min

Lab File: VY001378.D

Acq: 24 Jan 2020 13:43

Instrument :

MSVOA_Y

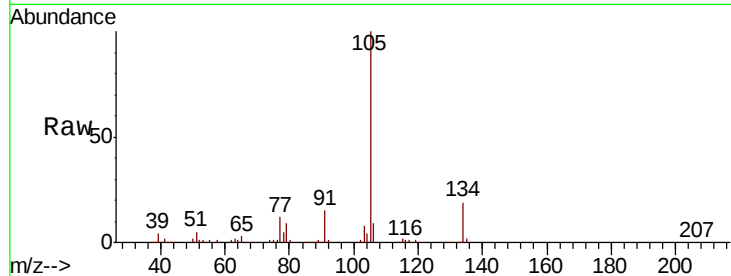
ClientSampleId :

Tot Ion:105 Resp: 234478

Ion Ratio Lower Upper

105 100

134 19.5 9.8 29.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.26

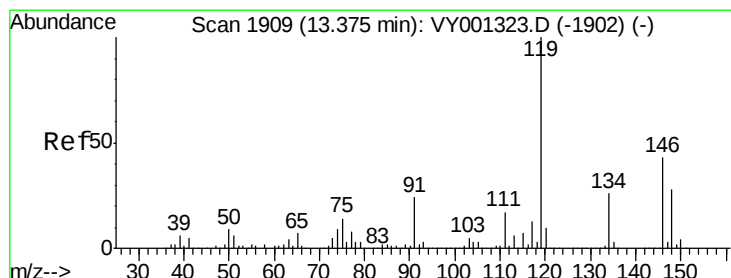
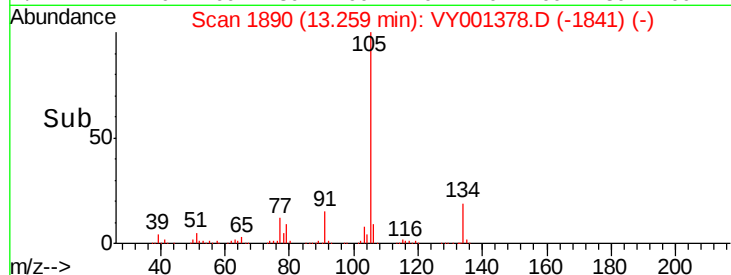
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 21.749 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.01 min

Lab File: VY001378.D

Acq: 24 Jan 2020 13:43

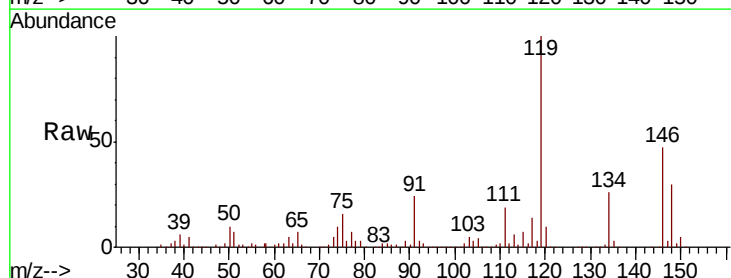
Tgt Ion:119 Resp: 207961

Ion Ratio Lower Upper

119 100

134 26.3 13.5 40.4

91 23.4 12.2 36.6



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

13.37

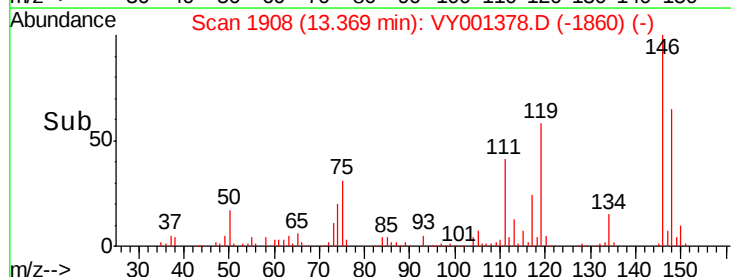
150000

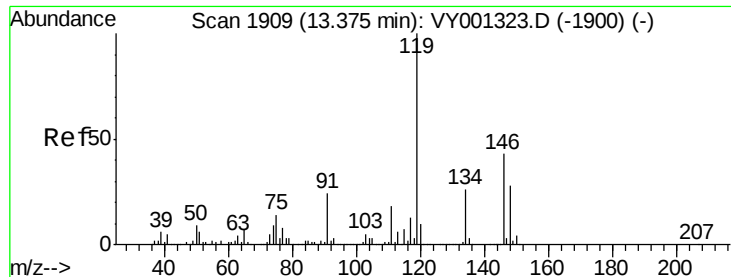
100000

50000

0

Time-->





#87

1,3-Dichlorobenzene

Concen: 20.929 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.01 min

Lab File: VY001378.D

Acq: 24 Jan 2020 13:43

Instrument :

MSVOA_Y

ClientSampled :

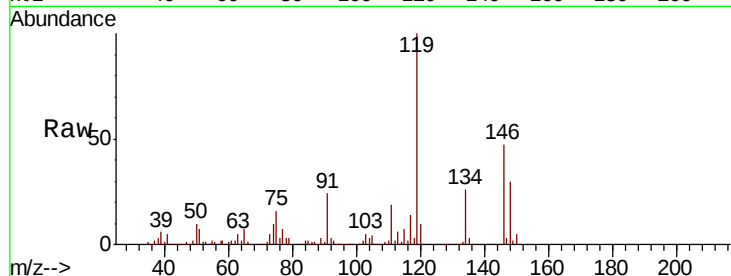
Tot Ion:146 Resp: 96899

Ion Ratio Lower Upper

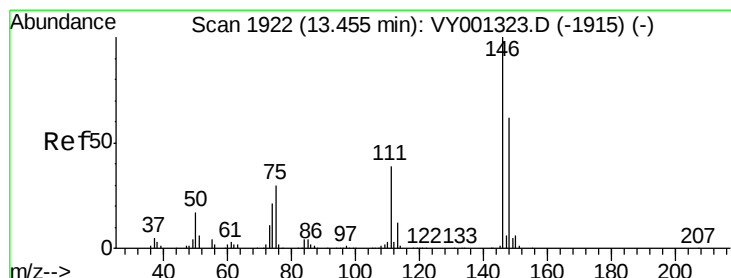
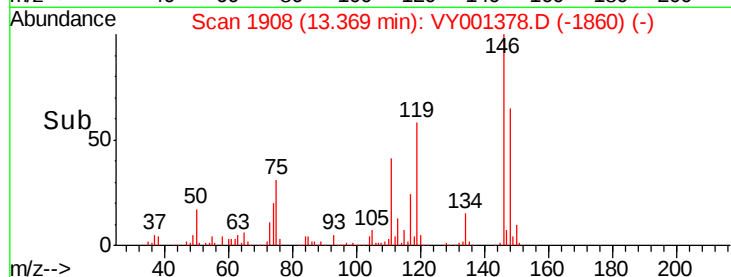
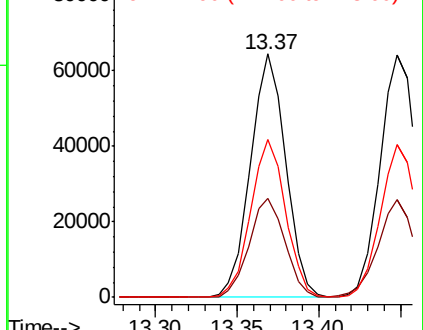
146 100

111 41.6 20.6 61.8

148 64.4 31.6 95.0



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



#88

1,4-Dichlorobenzene

Concen: 21.209 ug/l

RT: 13.45 min Scan# 1921

Delta R.T. -0.01 min

Lab File: VY001378.D

Acq: 24 Jan 2020 13:43

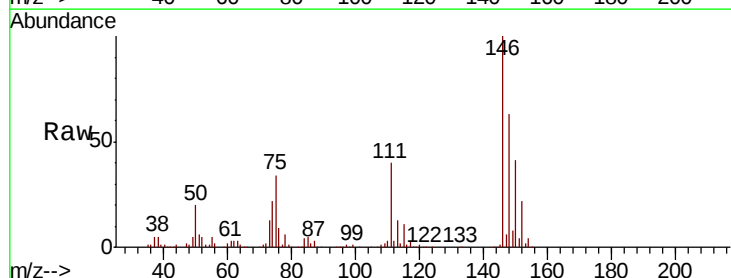
Tgt Ion:146 Resp: 99706

Ion Ratio Lower Upper

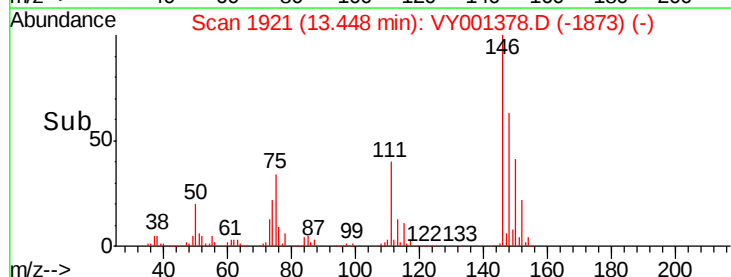
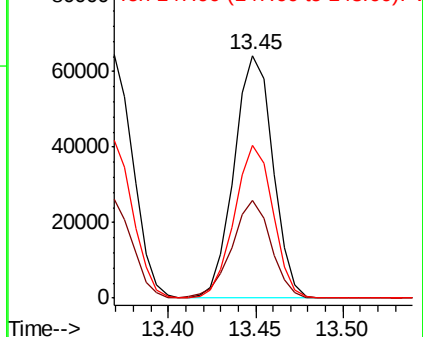
146 100

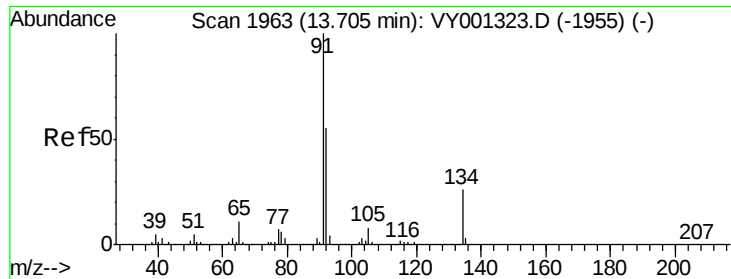
111 40.7 20.5 61.5

148 62.5 31.6 95.0



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

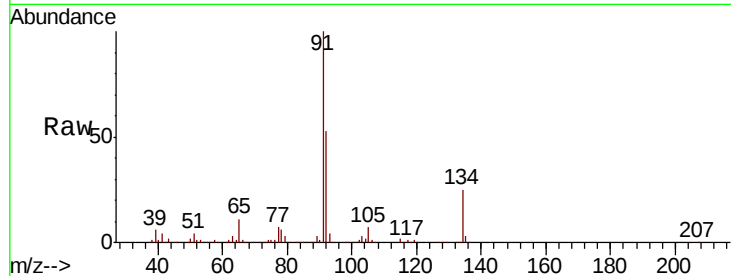




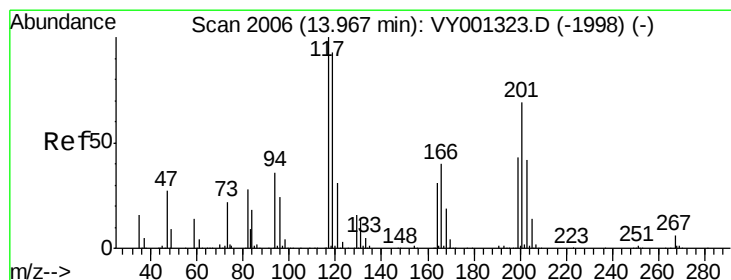
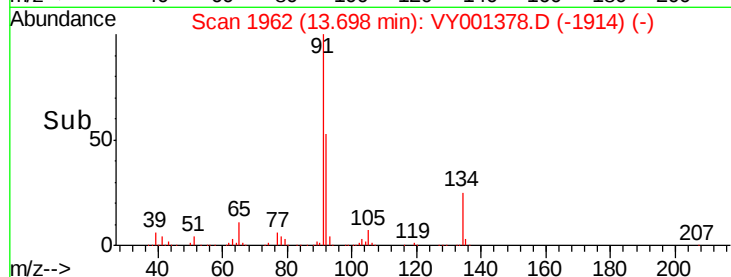
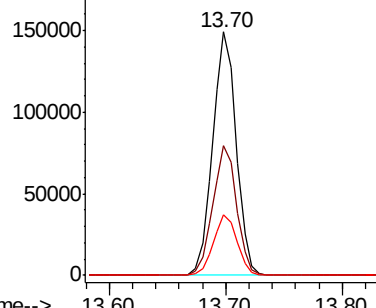
#89
n-Butylbenzene
Concen: 21.811 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. -0.01 min
Lab File: VY001378.D
Acq: 24 Jan 2020 13:43

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 91 Resp: 209893
Ion Ratio Lower Upper
91 100
92 53.9 27.6 82.8
134 25.0 12.9 38.6

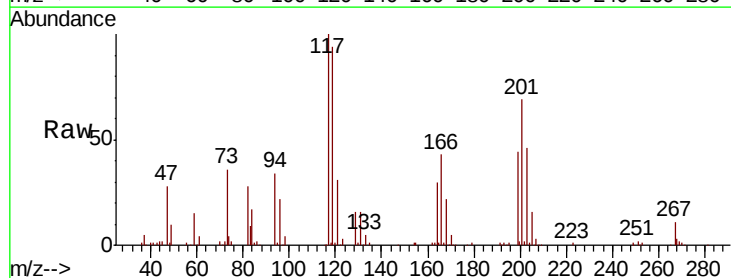


Abundance Ion 91.00 (90.70 to 91.70): VY0
Ion 92.00 (91.70 to 92.70): VY0
Ion 134.00 (133.70 to 134.70): V

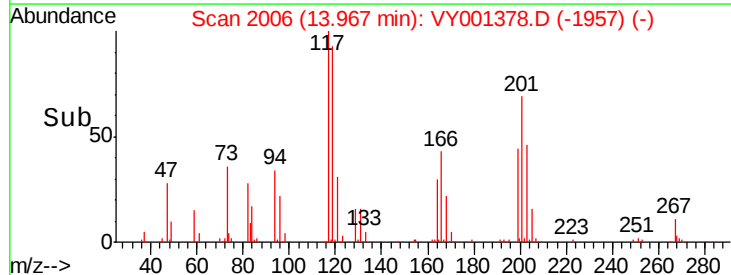
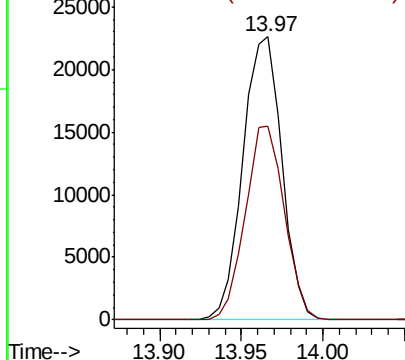


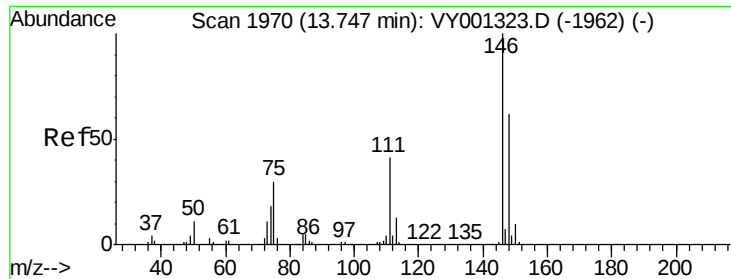
#90
Hexachloroethane
Concen: 20.835 ug/l
RT: 13.97 min Scan# 2006
Delta R.T. -0.00 min
Lab File: VY001378.D
Acq: 24 Jan 2020 13:43

Tgt Ion: 117 Resp: 37763
Ion Ratio Lower Upper
117 100
201 68.5 34.6 103.8



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V

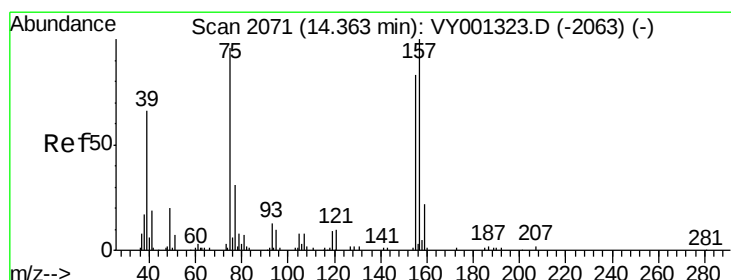
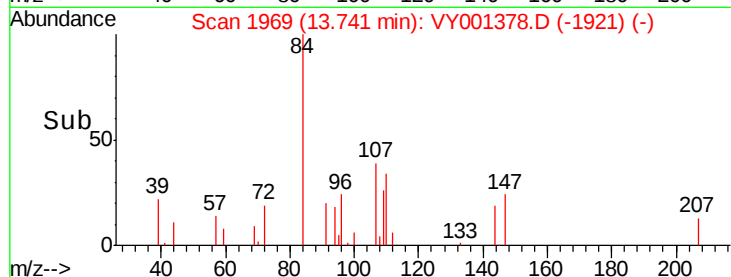
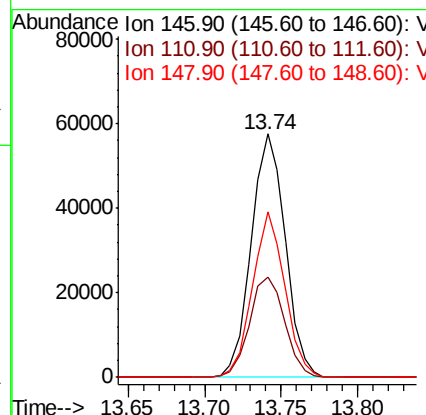
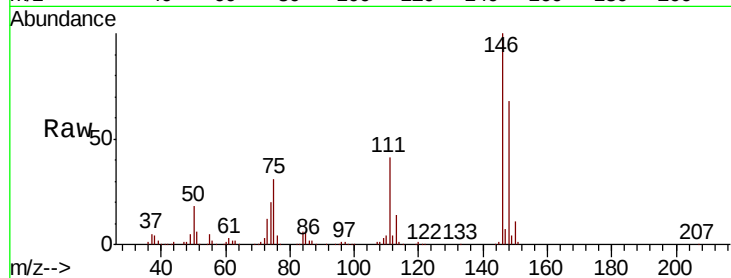




#91
 1,2-Dichlorobenzene
 Concen: 20.906 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. -0.01 min
 Lab File: VY001378.D
 Acq: 24 Jan 2020 13:43

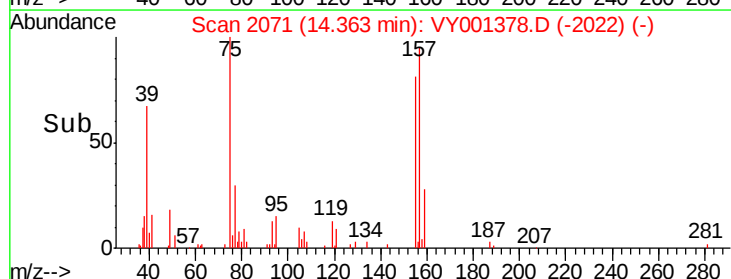
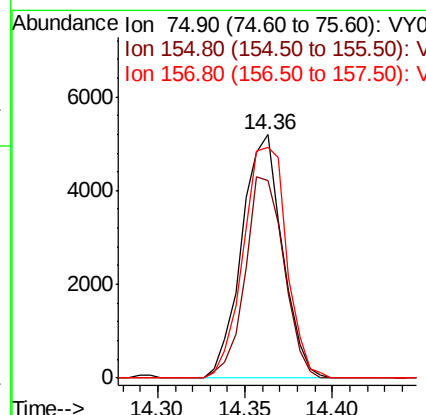
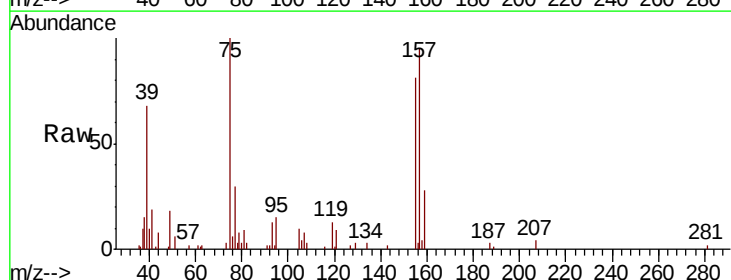
Instrument :
 MSVOA_Y
 ClientSampleId :

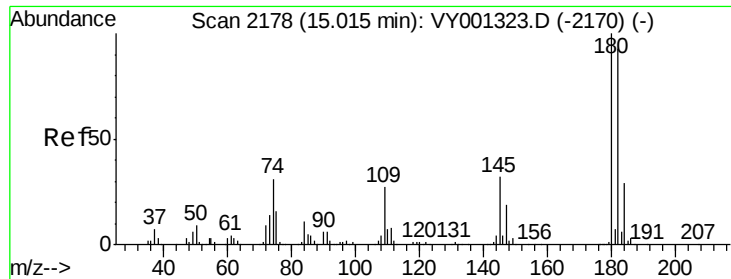
Tot Ion	Ratio	Lower	Upper
146	100		
111	42.6	21.1	63.4
148	64.4	31.5	94.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.882 ug/l
 RT: 14.36 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VY001378.D
 Acq: 24 Jan 2020 13:43

Tgt Ion	Ratio	Lower	Upper
75	100		
155	79.1	43.0	129.2
157	101.4	53.3	160.0

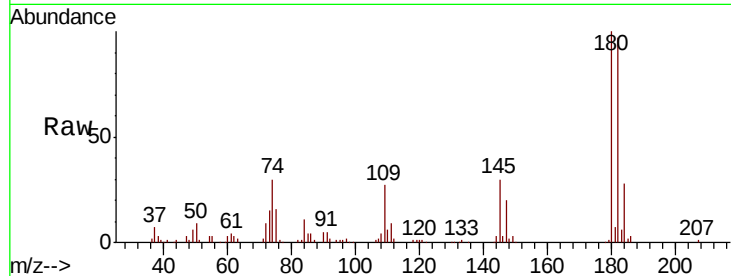




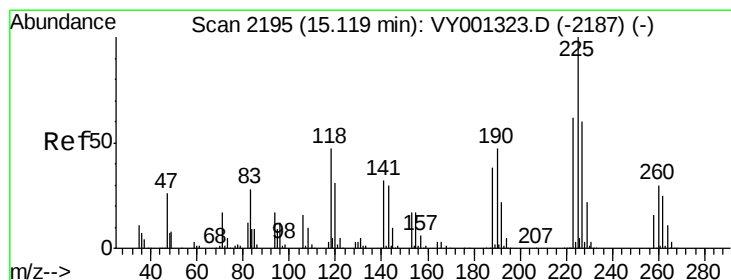
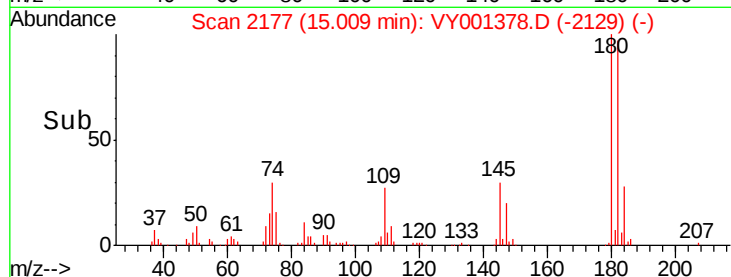
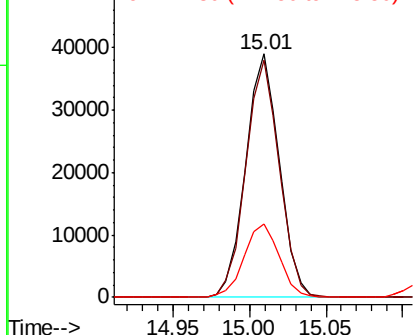
#93
 1,2,4-Trichlorobenzene
 Concen: 20.822 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. -0.01 min
 Lab File: VY001378.D
 Acq: 24 Jan 2020 13:43

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion:180 Resp: 59671
 Ion Ratio Lower Upper
 180 100
 182 96.7 47.6 142.8
 145 31.6 16.3 48.9

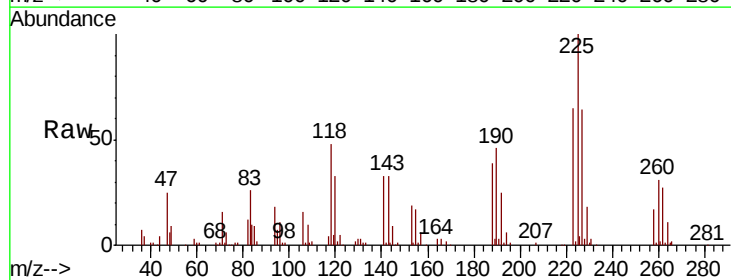


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

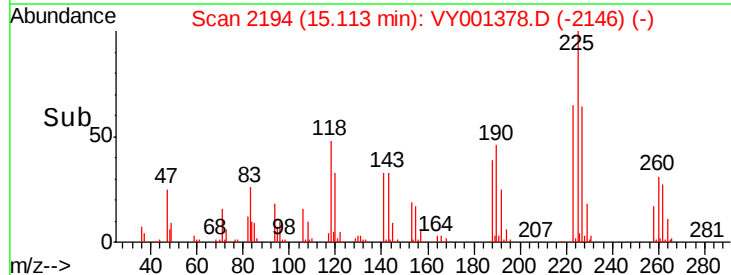
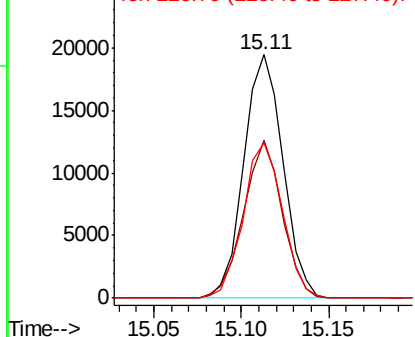


#94
 Hexachlorobutadiene
 Concen: 21.662 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. -0.01 min
 Lab File: VY001378.D
 Acq: 24 Jan 2020 13:43

Tgt Ion:225 Resp: 30227
 Ion Ratio Lower Upper
 225 100
 223 63.7 31.2 93.6
 227 64.0 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

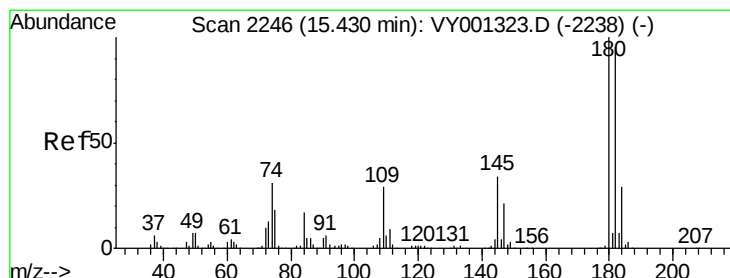
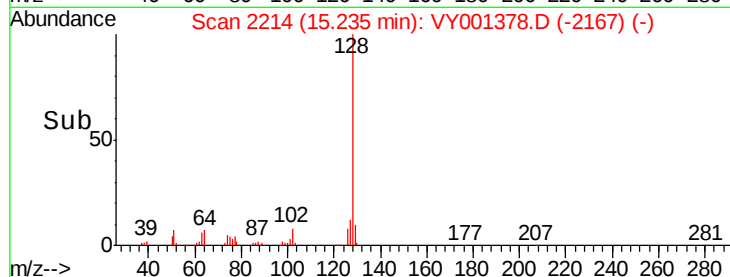
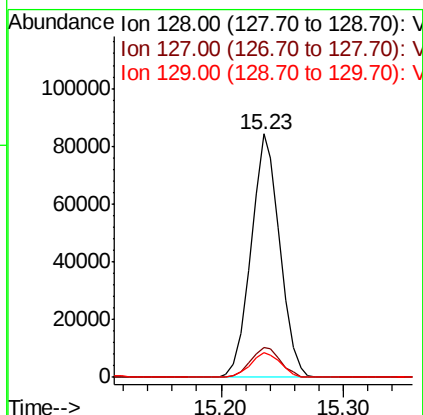
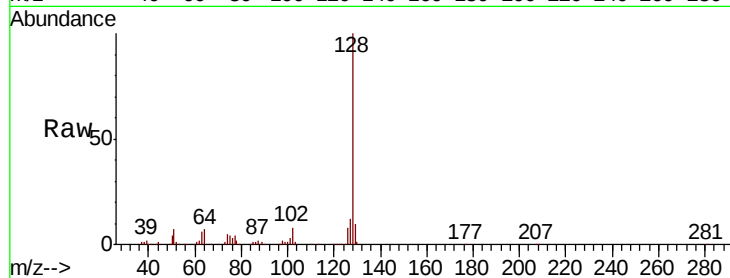




#95
Naphthalene
Concen: 20.914 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.01 min
Lab File: VY001378.D
Acq: 24 Jan 2020 13:43

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:128 Resp: 137048
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.2
129 10.6 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 21.171 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. -0.01 min
Lab File: VY001378.D
Acq: 24 Jan 2020 13:43

Tgt Ion:180 Resp: 53222
Ion Ratio Lower Upper
180 100
182 93.7 47.3 141.8
145 33.5 16.8 50.3

