

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY032520\
 Data File : VY002083.D
 Acq On : 25 Mar 2020 21:19
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Mar 26 06:38:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 05 04:05:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	130487	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	245906	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	226325	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	111195	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.17	65	73095	52.47	ug/l	0.00
Spiked Amount			Recovery	=	104.94%	
35) Dibromofluoromethane	7.75	113	67050	49.93	ug/l	0.00
Spiked Amount			Recovery	=	99.86%	
50) Toluene-d8	10.20	98	265381	46.87	ug/l	0.00
Spiked Amount			Recovery	=	93.74%	
62) 4-Bromofluorobenzene	12.50	95	99544	50.56	ug/l	0.00
Spiked Amount			Recovery	=	101.12%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	46854	38.900	ug/l	96
3) Chloromethane	2.13	50	70500	43.413	ug/l	99
4) Vinyl Chloride	2.27	62	70827	42.878	ug/l	98
5) Bromomethane	2.66	94	52314	54.784	ug/l	99
6) Chloroethane	2.81	64	49295	47.508	ug/l	96
7) Trichlorofluoromethane	3.15	101	100826	45.008	ug/l	92
8) Diethyl Ether	3.55	74	48220	54.614	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.93	101	69505	48.239	ug/l	100
10) Methyl Iodide	4.12	142	76479	45.899	ug/l	99
11) Tert butyl alcohol	4.99	59	40866	285.068	ug/l	96
12) 1,1-Dichloroethene	3.90	96	67332	46.411	ug/l	92
13) Acrolein	3.76	56	52410	267.733	ug/l	96
14) Allyl chloride	4.51	41	133690	51.980	ug/l	98
15) Acrylonitrile	5.20	53	137244	290.893	ug/l	100
16) Acetone	3.97	43	99449	245.108	ug/l	97
17) Carbon Disulfide	4.22	76	197098	40.414	ug/l	99
18) Methyl Acetate	4.51	43	61670	59.155	ug/l	97
19) Methyl tert-butyl Ether	5.25	73	224043	56.986	ug/l	96
20) Methylene Chloride	4.75	84	88403	50.838	ug/l	95
21) trans-1,2-Dichloroethene	5.26	96	80037	48.605	ug/l	98
22) Diisopropyl ether	6.16	45	298126	56.548	ug/l	98
23) Vinyl Acetate	6.10	43	998436	288.884	ug/l	100
24) 1,1-Dichloroethane	6.06	63	150518	52.721	ug/l	99
25) 2-Butanone	7.02	43	173568	281.304	ug/l	100
26) 2,2-Dichloropropane	7.02	77	113889	48.602	ug/l	100
27) cis-1,2-Dichloroethene	7.02	96	94934	53.000	ug/l	99
28) Bromochloromethane	7.36	49	72306	56.188	ug/l	98
29) Tetrahydrofuran	7.38	42	120709	294.602	ug/l	99
30) Chloroform	7.53	83	146499	54.616	ug/l	99
31) Cyclohexane	7.82	56	135319	44.205	ug/l	96
32) 1,1,1-Trichloroethane	7.74	97	117752	52.085	ug/l	98
36) 1,1-Dichloropropene	7.94	75	112225	47.425	ug/l	99
37) Ethyl Acetate	7.11	43	77278	56.189	ug/l	100
38) Carbon Tetrachloride	7.93	117	97788	48.375	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.21	83	141573	45.107	ug/l	96
40) Benzene	8.19	78	349421	49.818	ug/l	99
41) Methacrylonitrile	7.38	41	108166	174.756	ug/l #	1
42) 1,2-Dichloroethane	8.27	62	98613	54.562	ug/l	99
43) Isopropyl Acetate	8.30	43	150144	57.661	ug/l	98
44) Trichloroethene	8.96	130	83788	49.051	ug/l	98
45) 1,2-Dichloropropane	9.24	63	94554	53.627	ug/l	100
46) Dibromomethane	9.33	93	47826	52.637	ug/l	99
47) Bromodichloromethane	9.52	83	115786	54.781	ug/l	99
48) Methyl methacrylate	9.32	41	66207	57.301	ug/l	96
49) 1,4-Dioxane	9.32	88	13302	1068.422	ug/l	95
51) 4-Methyl-2-Pentanone	10.09	43	393129	293.119	ug/l	99
52) Toluene	10.26	92	215841	50.657	ug/l	99
53) t-1,3-Dichloropropene	10.49	75	127732	55.470	ug/l	98
54) cis-1,3-Dichloropropene	9.95	75	146828	53.562	ug/l	99
55) 1,1,2-Trichloroethane	10.66	97	73008	54.904	ug/l	97
56) Ethyl methacrylate	10.53	69	110338	56.611	ug/l	94
57) 1,3-Dichloropropane	10.81	76	130069	54.875	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.80	63	178379	263.544	ug/l	99
59) 2-Hexanone	10.85	43	274050	286.280	ug/l	100
60) Dibromochloromethane	11.00	129	78830	56.260	ug/l	99
61) 1,2-Dibromoethane	11.11	107	68683	54.528	ug/l	100
64) Tetrachloroethene	10.74	164	68420	48.206	ug/l	97
65) Chlorobenzene	11.53	112	226693	50.269	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.61	131	79888	54.020	ug/l	99
67) Ethyl Benzene	11.61	91	416936	49.574	ug/l	98
68) m/p-Xylenes	11.72	106	311424	100.155	ug/l	99
69) o-Xylene	12.05	106	151243	51.606	ug/l	98
70) Styrene	12.06	104	266219	53.037	ug/l	100
71) Bromoform	12.22	173	45177	56.330	ug/l #	97
73) Isopropylbenzene	12.35	105	399424	47.056	ug/l	100
74) N-amyl acetate	12.16	43	140077	53.694	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.59	83	94473	51.611	ug/l	99
76) 1,2,3-Trichloropropane	12.65	75	120833	91.582	ug/l #	100
77) Bromobenzene	12.63	156	151658	84.329	ug/l	49
78) n-propylbenzene	12.69	91	494991	47.267	ug/l	100
79) 2-Chlorotoluene	12.77	91	277893	48.031	ug/l	99
80) 1,3,5-Trimethylbenzene	12.83	105	333482	47.722	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.39	75	32473	49.715	ug/l	95
82) 4-Chlorotoluene	12.87	91	290031	48.146	ug/l	99
83) tert-Butylbenzene	13.09	119	277262	47.771	ug/l	100
84) 1,2,4-Trimethylbenzene	13.13	105	336666	48.546	ug/l	100
85) sec-Butylbenzene	13.27	105	412534	48.221	ug/l	100
86) p-Isopropyltoluene	13.38	119	355287	48.143	ug/l	100
87) 1,3-Dichlorobenzene	13.38	146	171030	48.531	ug/l	100
88) 1,4-Dichlorobenzene	13.46	146	175526	49.095	ug/l	99
89) n-Butylbenzene	13.71	91	362567	47.354	ug/l	98
90) Hexachloroethane	13.97	117	68828	49.438	ug/l	100
91) 1,2-Dichlorobenzene	13.75	146	160002	49.975	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.38	75	15100	52.864	ug/l	97

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Instrument :
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Quant Time: Mar 26 06:38:42 2020
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Quant Title : SW846 8260
QLast Update : Thu Mar 05 04:05:33 2020
Response via : Initial Calibration

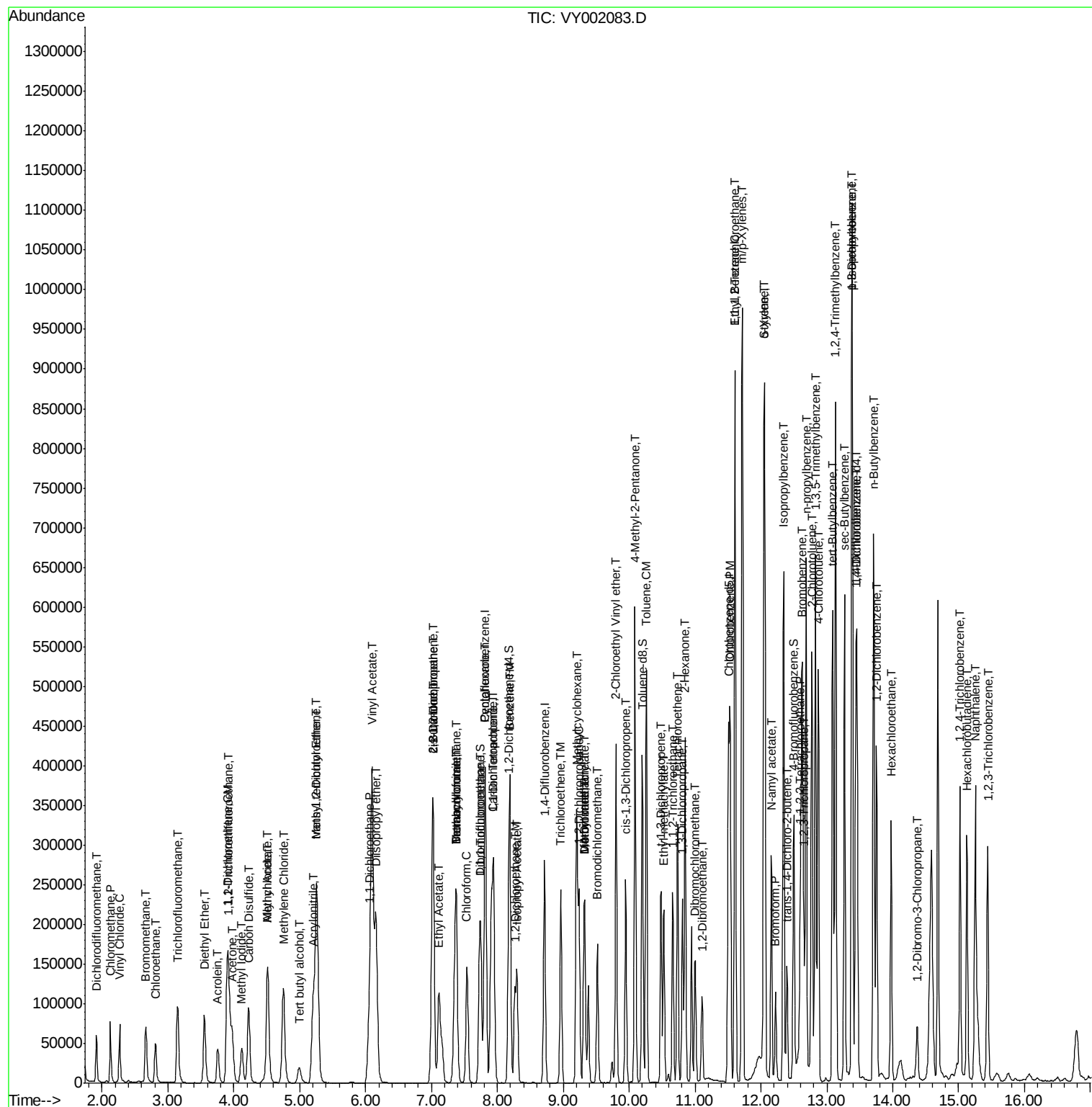
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	102704	49.465	ug/l	99
94) Hexachlorobutadiene	15.12	225	48547	47.958	ug/l	100
95) Naphthalene	15.25	128	257657	52.317	ug/l	99
96) 1,2,3-Trichlorobenzene	15.44	180	92457	50.548	ug/l	99

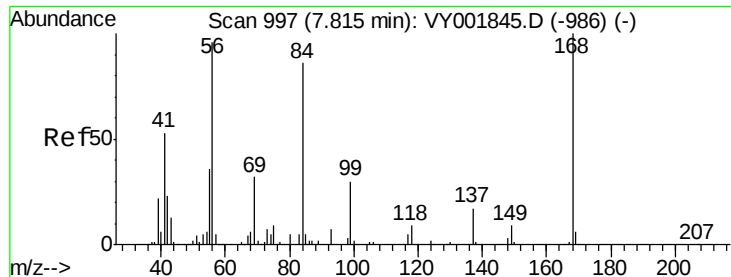
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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY032520\
Data File : VY002083.D
Acq On : 25 Mar 2020 21:19
Operator : SY/MD
Sample : VSTDC0050
Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampled :

Quant Time: Mar 26 06:38:42 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
Quant Title : SW846 8260
QLast Update : Thu Mar 05 04:05:33 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 998

Delta R.T. 0.01 min

Lab File: VY002083.D

Acq: 25 Mar 2020 21:19

Instrument :

MSVOA_Y

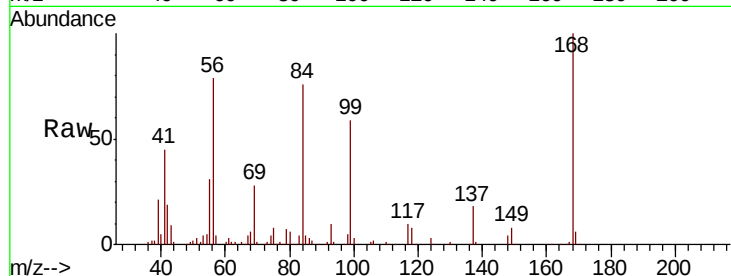
ClientSampled :

Tot Ion:168 Resp: 130487

Ion Ratio Lower Upper

168 100

99 59.2 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): VY001845.D (-986) (-)

Ion 98.90 (98.60 to 99.60): VY001845.D (-986) (-)

7.82

60000

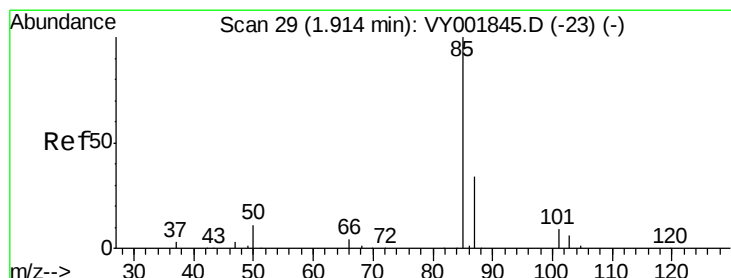
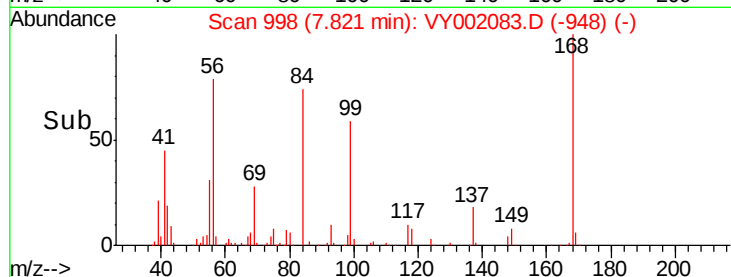
40000

20000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 38.900 ug/l

RT: 1.91 min Scan# 29

Delta R.T. 0.00 min

Lab File: VY002083.D

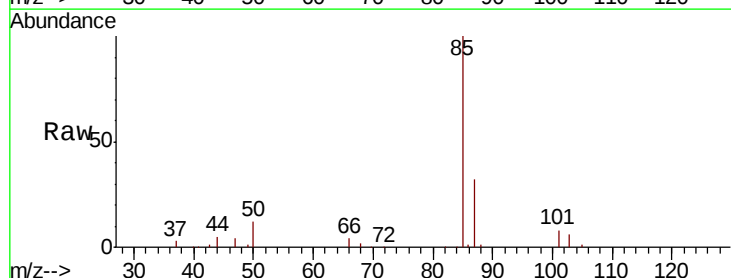
Acq: 25 Mar 2020 21:19

Tgt Ion: 85 Resp: 46854

Ion Ratio Lower Upper

85 100

87 31.5 16.8 50.4



Abundance Ion 84.90 (84.60 to 85.60): VY001845.D (-23) (-)

Ion 86.90 (86.60 to 87.60): VY001845.D (-23) (-)

1.91

40000

30000

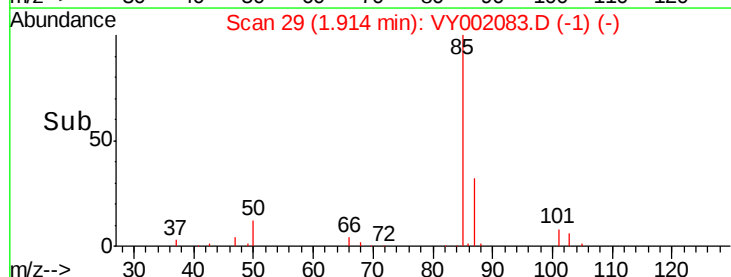
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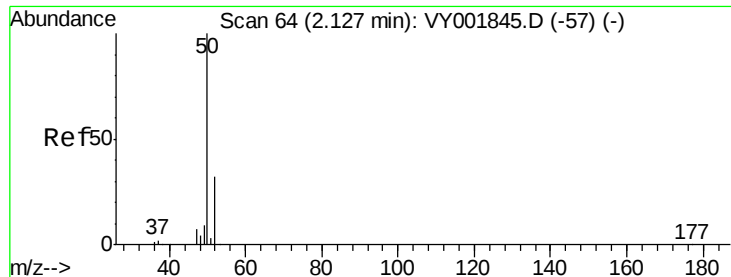
10000

0

1.85 1.90 1.95 2.00

Time-->





#3

Chloromethane

Concen: 43.413 ug/l

RT: 2.13 min Scan# 64

Delta R.T. 0.00 min

Lab File: VY002083.D

Acq: 25 Mar 2020 21:19

Instrument :

MSVOA_Y

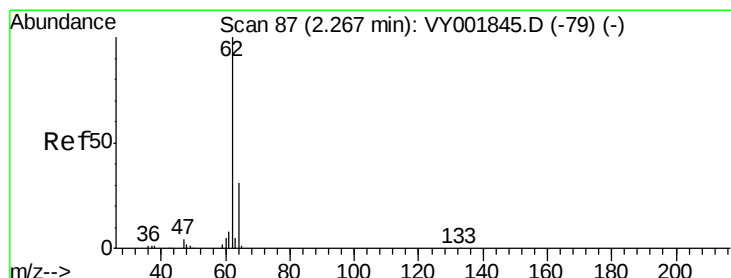
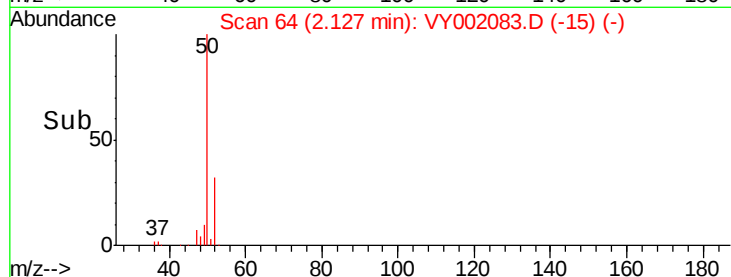
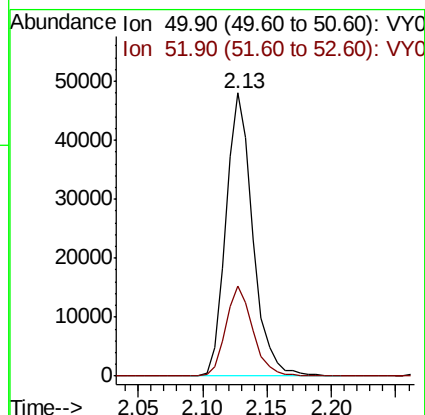
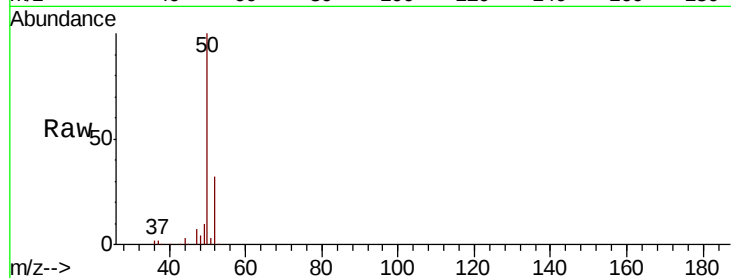
ClientSampleId :

Tot Ion: 50 Resp: 70500

Ion Ratio Lower Upper

50 100

52 31.7 25.8 38.6



#4

Vinyl Chloride

Concen: 42.878 ug/l

RT: 2.27 min Scan# 87

Delta R.T. 0.00 min

Lab File: VY002083.D

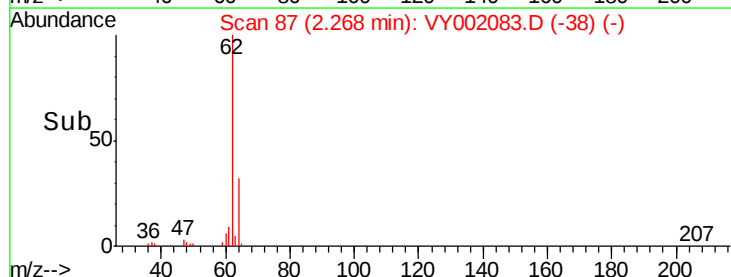
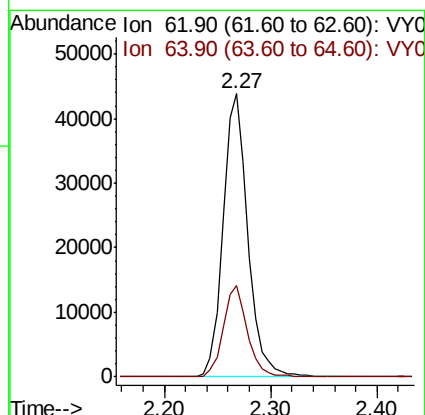
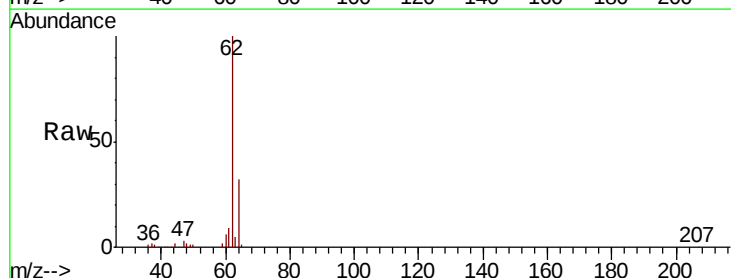
Acq: 25 Mar 2020 21:19

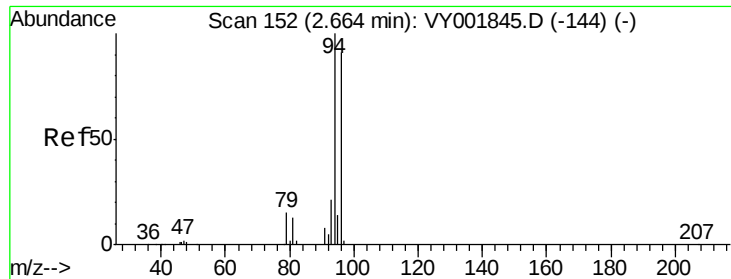
Tgt Ion: 62 Resp: 70827

Ion Ratio Lower Upper

62 100

64 32.2 25.1 37.7





#5

Bromomethane

Concen: 54.784 ug/l

RT: 2.66 min Scan# 152

Delta R.T. 0.00 min

Lab File: VY002083.D

Acq: 25 Mar 2020 21:19

Instrument :

MSVOA_Y

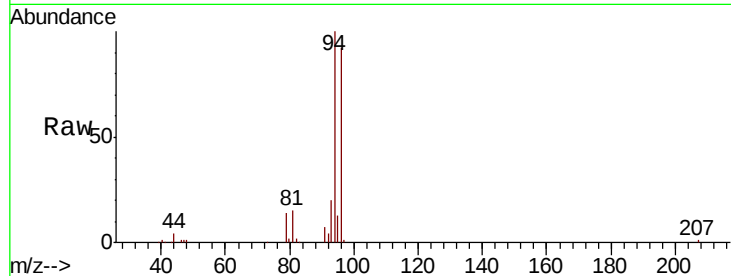
ClientSampleId :

Tot Ion: 94 Resp: 52314

Ion Ratio Lower Upper

94 100

96 92.2 73.2 109.8



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0

2.66

25000

20000

15000

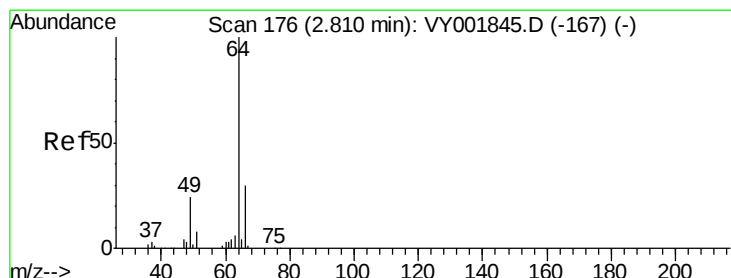
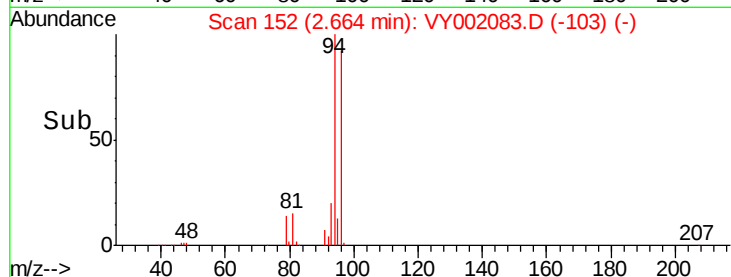
10000

5000

0

Time-->

2.60 2.70 2.80



#6

Chloroethane

Concen: 47.508 ug/l

RT: 2.81 min Scan# 176

Delta R.T. 0.00 min

Lab File: VY002083.D

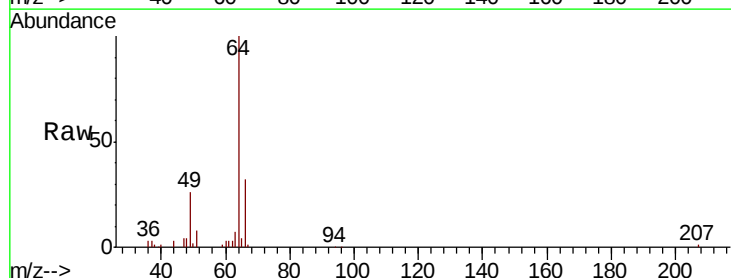
Acq: 25 Mar 2020 21:19

Tgt Ion: 64 Resp: 49295

Ion Ratio Lower Upper

64 100

66 32.1 23.8 35.8



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0

2.81

25000

20000

15000

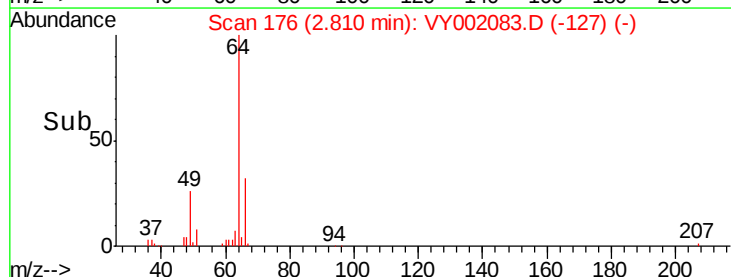
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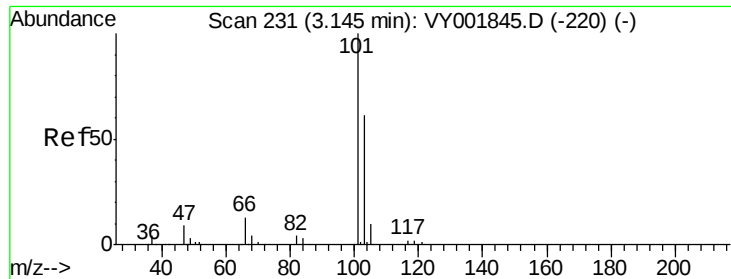
5000

0

Time-->

2.70 2.80 2.90



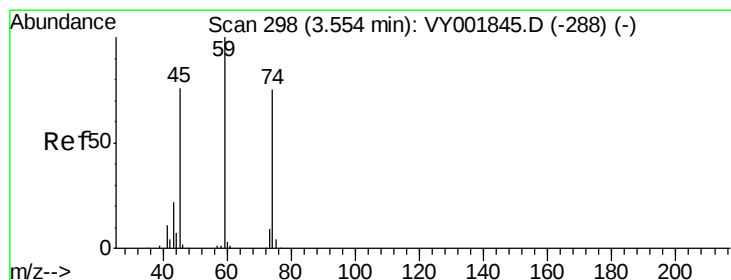
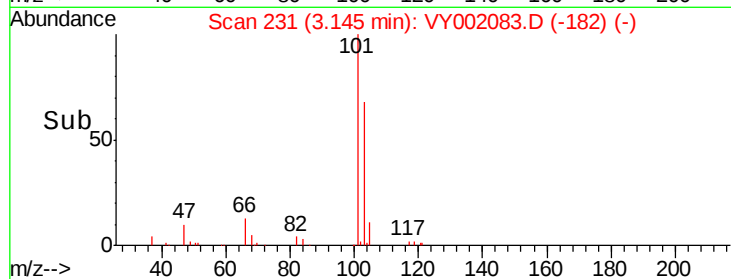
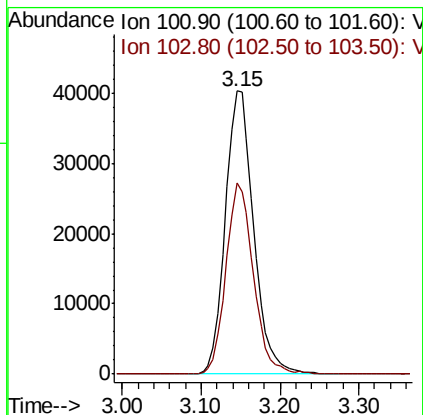
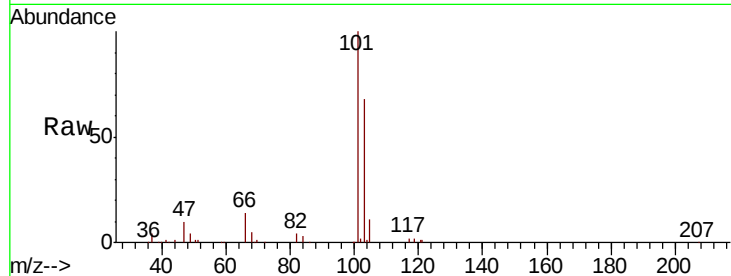


#7

Trichlorofluoromethane
 Concen: 45.008 ug/l
 RT: 3.15 min Scan# 231
 Delta R.T. 0.00 min
 Lab File: VY002083.D
 Acq: 25 Mar 2020 21:19

Instrument :
 MSVOA_Y
 ClientSampleId :

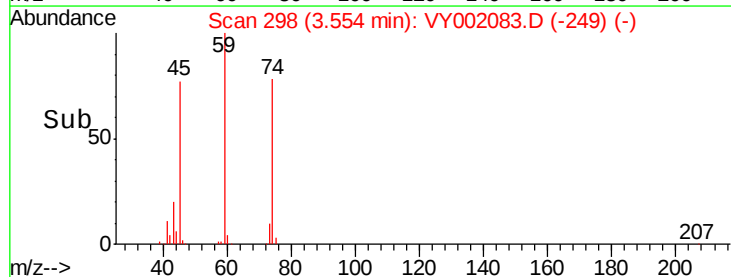
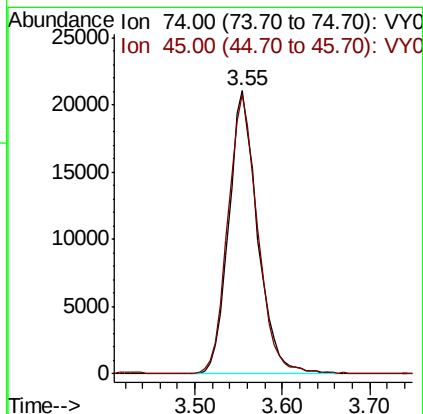
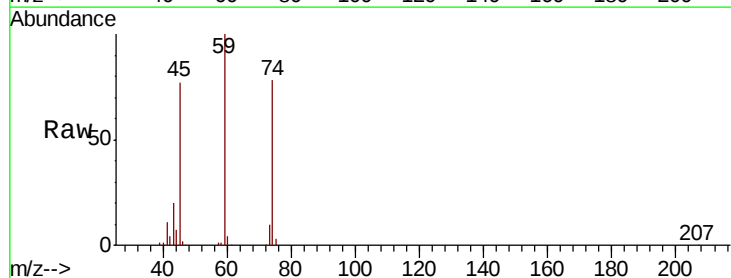
Tot Ion:101 Resp: 100826
 Ion Ratio Lower Upper
 101 100
 103 67.5 49.1 73.7

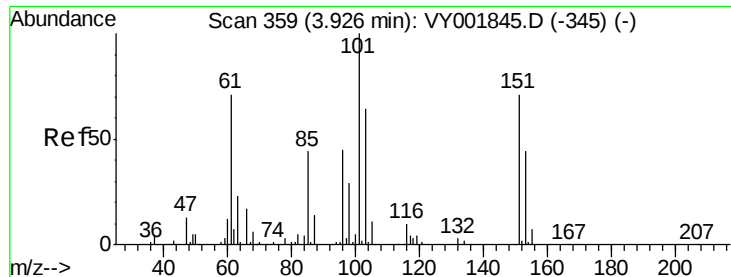


#8

Diethyl Ether
 Concen: 54.614 ug/l
 RT: 3.55 min Scan# 298
 Delta R.T. 0.00 min
 Lab File: VY002083.D
 Acq: 25 Mar 2020 21:19

Tgt Ion: 74 Resp: 48220
 Ion Ratio Lower Upper
 74 100
 45 102.2 50.5 151.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.239 ug/l

RT: 3.93 min Scan# 359

Delta R.T. 0.00 min

Lab File: VY002083.D

Acq: 25 Mar 2020 21:19

Instrument :

MSVOA_Y

ClientSampleId :

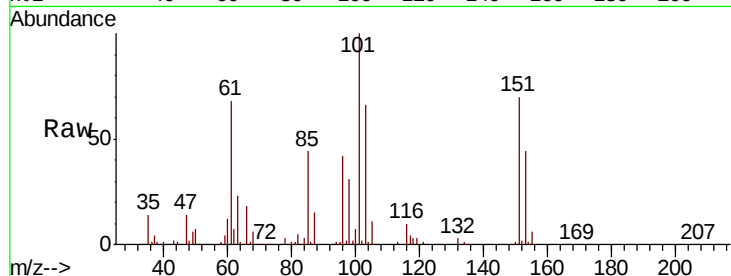
Tot Ion:101 Resp: 69505

Ion Ratio Lower Upper

101 100

85 44.6 35.3 52.9

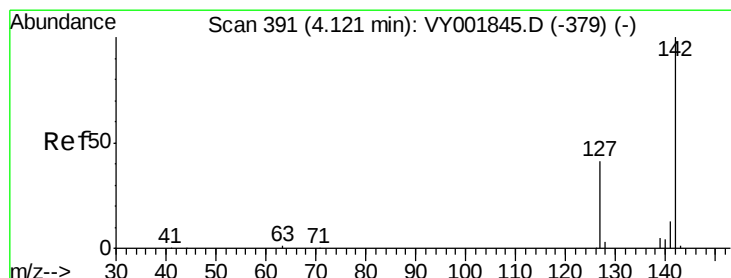
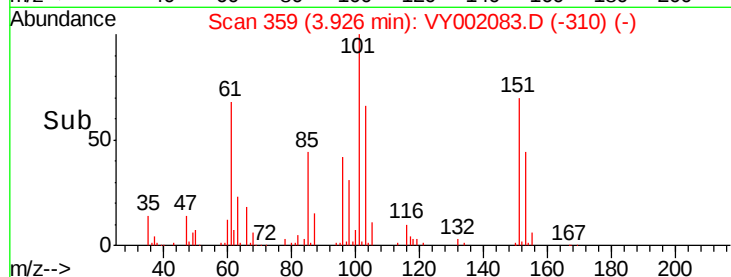
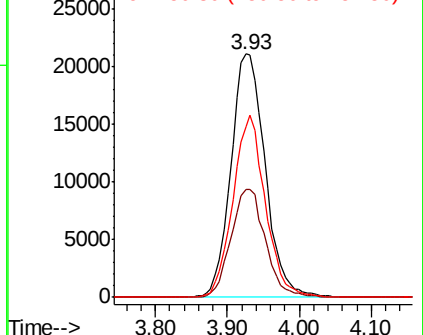
151 71.0 57.0 85.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VY0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 45.899 ug/l

RT: 4.12 min Scan# 391

Delta R.T. 0.00 min

Lab File: VY002083.D

Acq: 25 Mar 2020 21:19

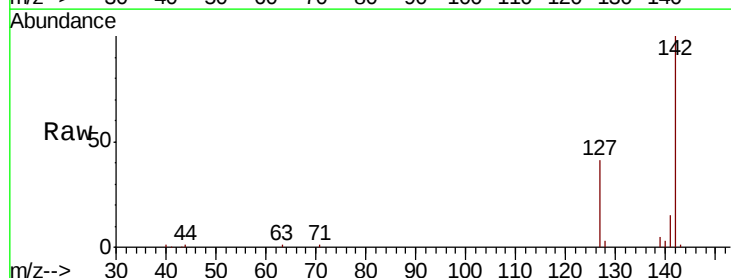
Tgt Ion:142 Resp: 76479

Ion Ratio Lower Upper

142 100

127 40.3 32.7 49.1

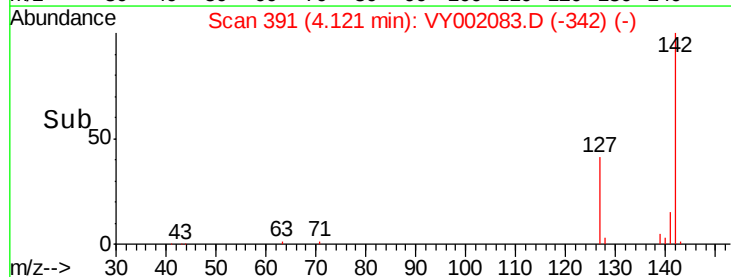
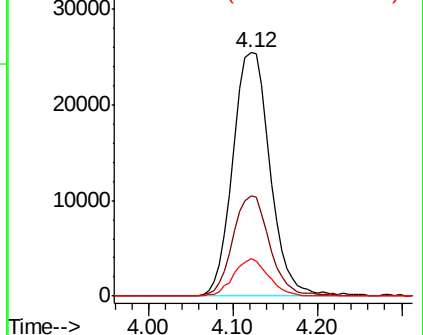
141 14.3 11.0 16.6

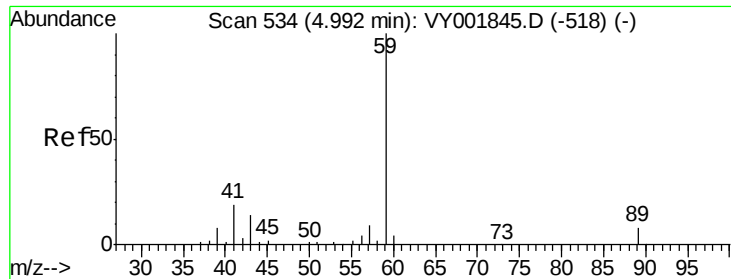


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

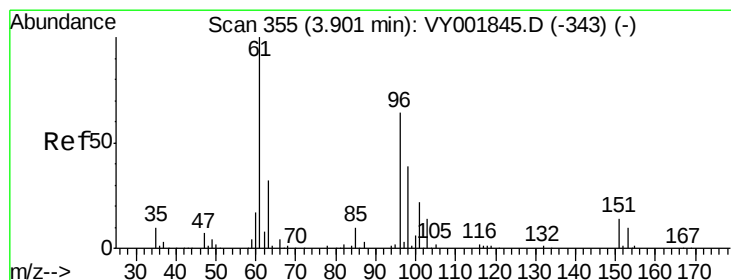
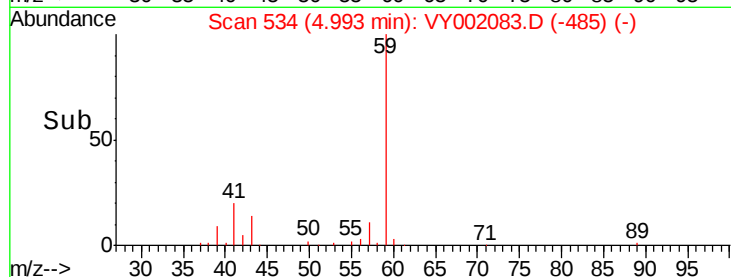
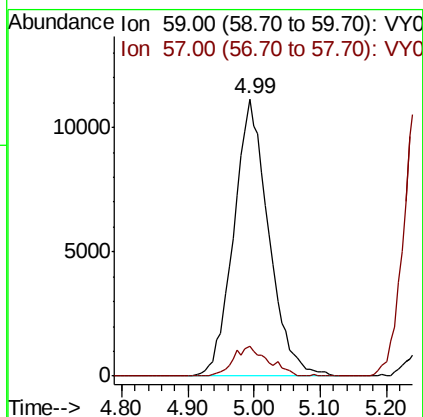
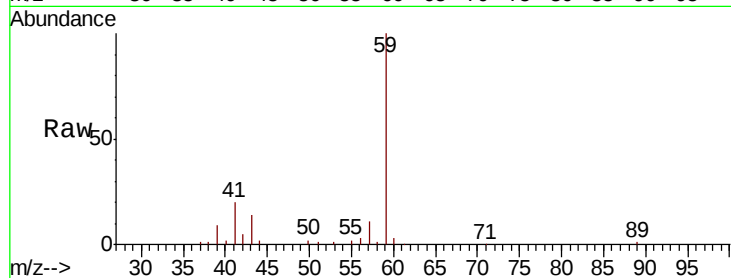




#11
Tert butyl alcohol
Concen: 285.068 ug/l
RT: 4.99 min Scan# 534
Delta R.T. 0.00 min
Lab File: VY002083.D
Acq: 25 Mar 2020 21:19

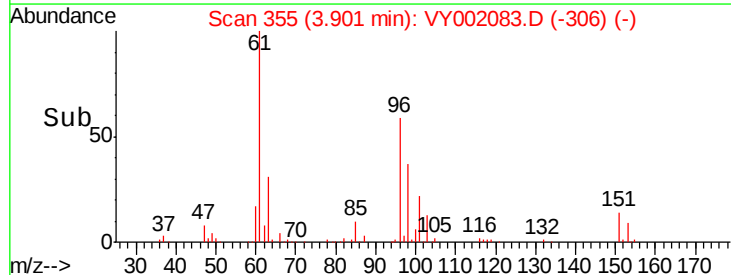
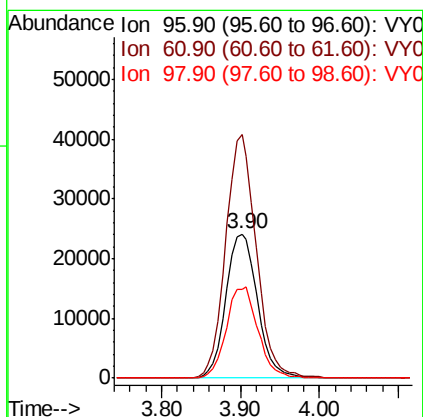
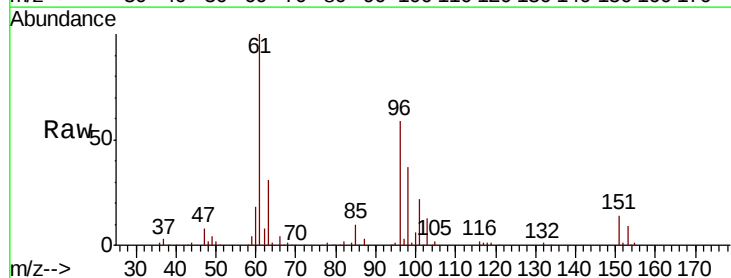
Instrument :
MSVOA_Y
ClientSampled :

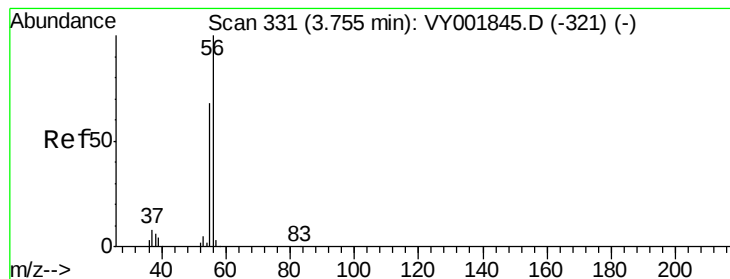
Tot Ion: 59 Resp: 40866
Ion Ratio Lower Upper
59 100
57 10.6 7.4 11.2



#12
1,1-Dichloroethene
Concen: 46.411 ug/l
RT: 3.90 min Scan# 355
Delta R.T. 0.00 min
Lab File: VY002083.D
Acq: 25 Mar 2020 21:19

Tgt Ion: 96 Resp: 67332
Ion Ratio Lower Upper
96 100
61 169.3 124.8 187.2
98 62.1 49.2 73.8





#13

Acrolein

Concen: 267.733 ug/l

RT: 3.76 min Scan# 331

Delta R.T. 0.00 min

Lab File: VY002083.D

Acq: 25 Mar 2020 21:19

Instrument :

MSVOA_Y

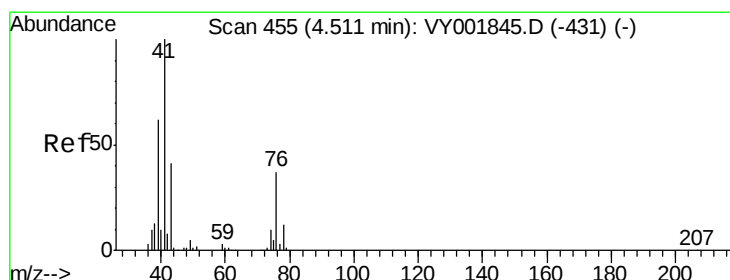
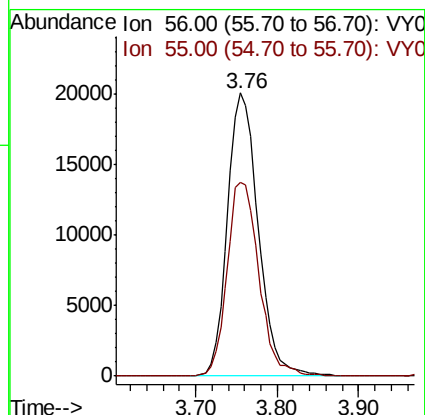
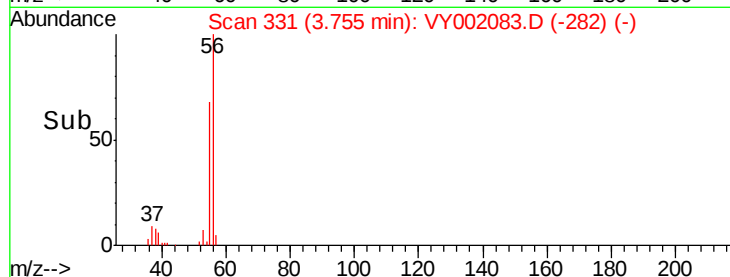
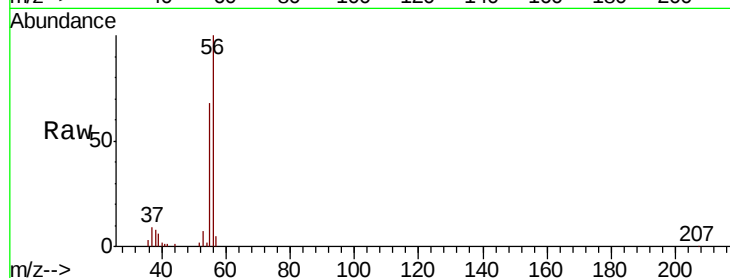
ClientSampleId :

Tot Ion: 56 Resp: 52410

Ion Ratio Lower Upper

56 100

55 70.6 54.0 81.0



#14

Allyl chloride

Concen: 51.980 ug/l

RT: 4.51 min Scan# 455

Delta R.T. 0.00 min

Lab File: VY002083.D

Acq: 25 Mar 2020 21:19

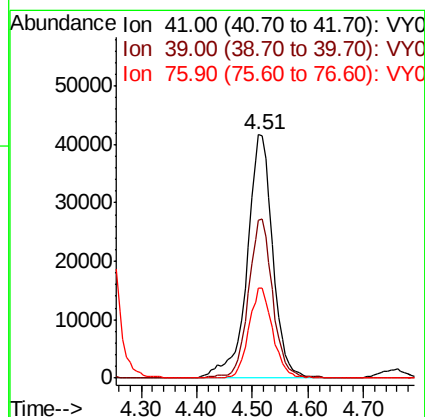
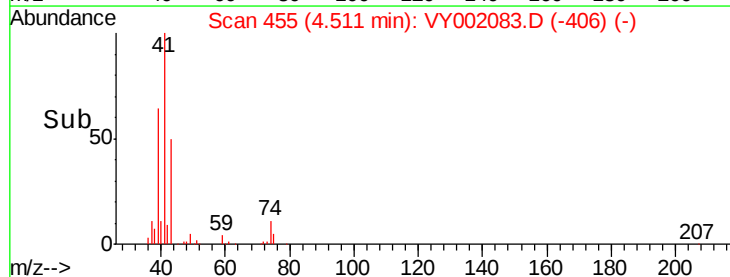
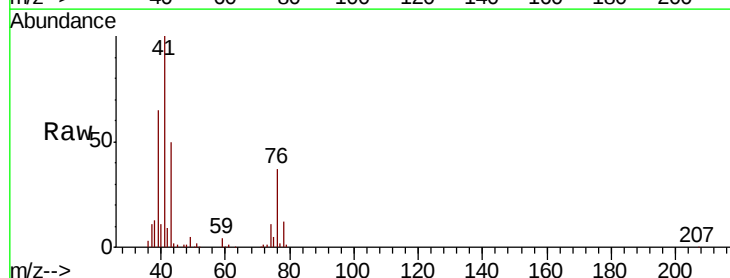
Tgt Ion: 41 Resp: 133690

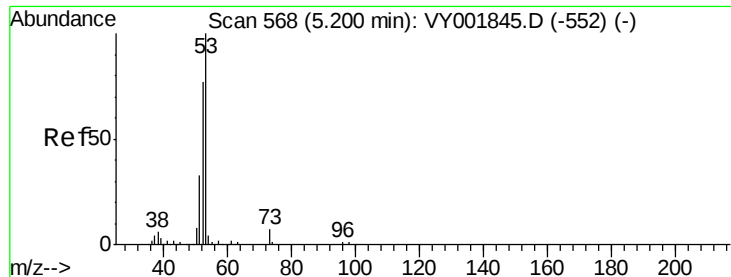
Ion Ratio Lower Upper

41 100

39 61.8 49.0 73.6

76 34.3 28.9 43.3





#15

Acrylonitrile

Concen: 290.893 ug/l

RT: 5.20 min Scan# 568

Delta R.T. 0.00 min

Lab File: VY002083.D

Acq: 25 Mar 2020 21:19

Instrument :

MSVOA_Y

ClientSampled :

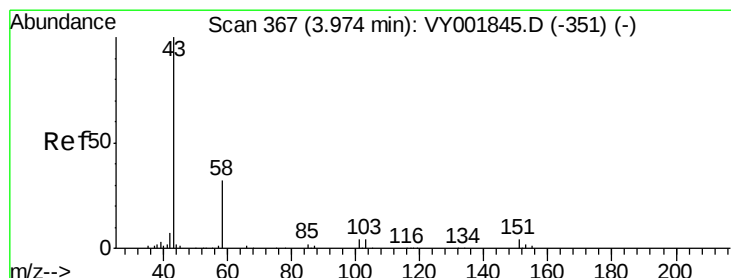
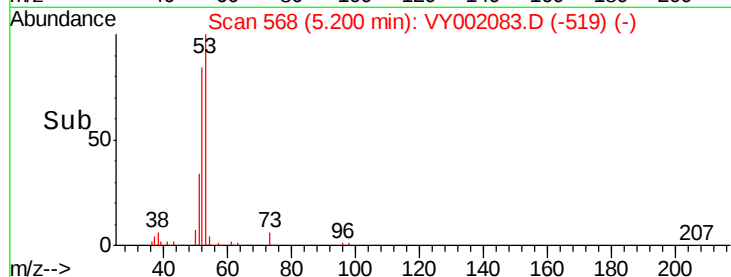
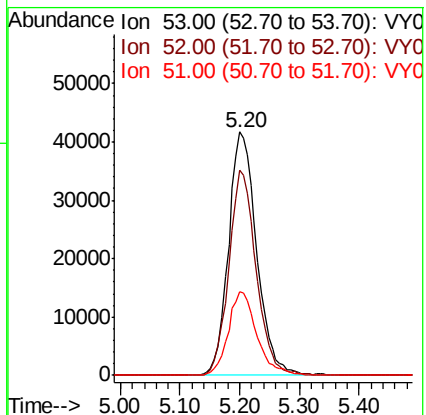
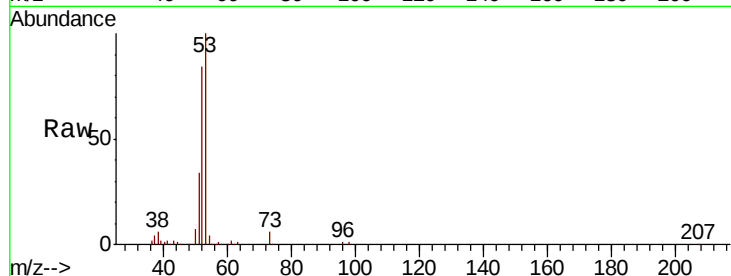
Tot Ion: 53 Resp: 137244

Ion Ratio Lower Upper

53 100

52 81.4 65.1 97.7

51 34.8 27.5 41.3



#16

Acetone

Concen: 245.108 ug/l

RT: 3.97 min Scan# 367

Delta R.T. 0.00 min

Lab File: VY002083.D

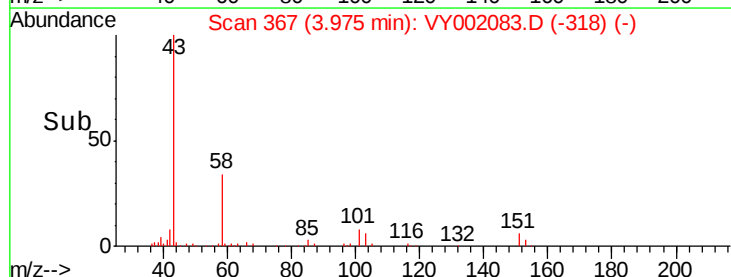
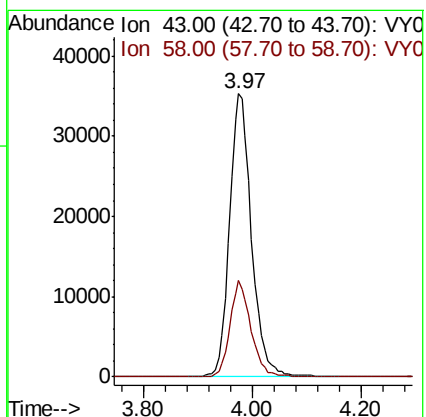
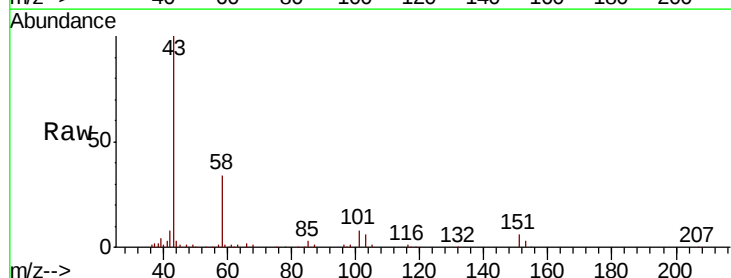
Acq: 25 Mar 2020 21:19

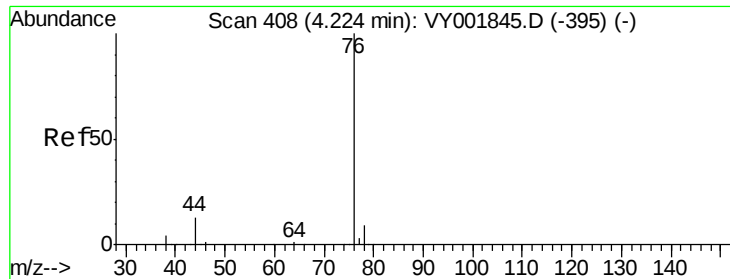
Tgt Ion: 43 Resp: 99449

Ion Ratio Lower Upper

43 100

58 33.9 25.9 38.9

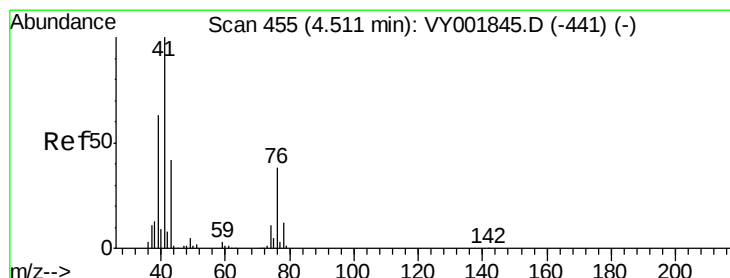
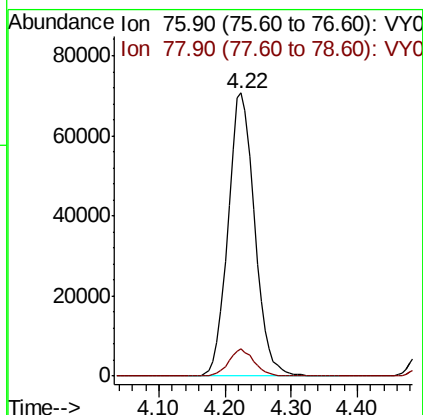
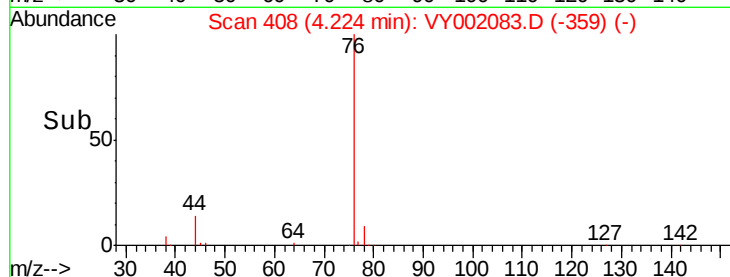
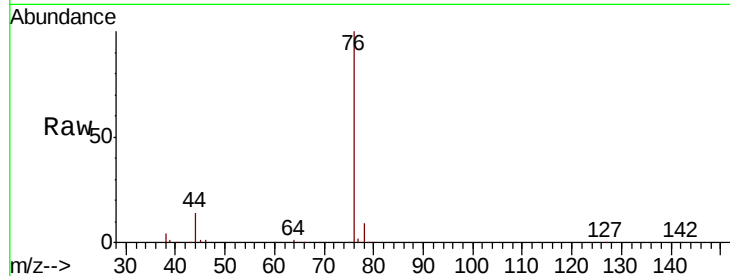




#17
Carbon Disulfide
Concen: 40.414 ug/l
RT: 4.22 min Scan# 408
Delta R.T. 0.00 min
Lab File: VY002083.D
Acq: 25 Mar 2020 21:19

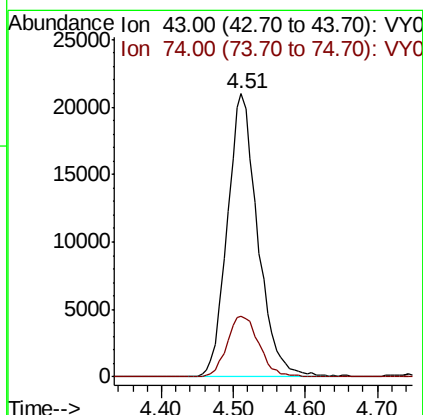
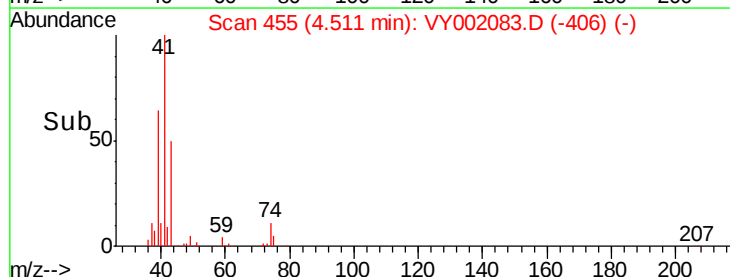
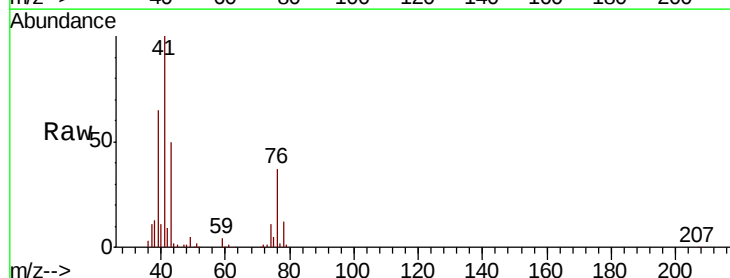
Instrument :
MSVOA_Y
ClientSampleId :

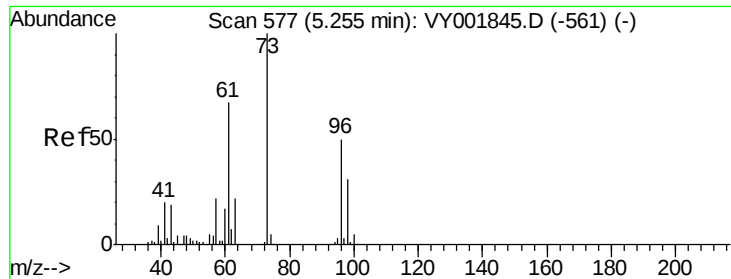
Tot Ion: 76 Resp: 197098
Ion Ratio Lower Upper
76 100
78 9.5 7.4 11.2



#18
Methyl Acetate
Concen: 59.155 ug/l
RT: 4.51 min Scan# 455
Delta R.T. 0.00 min
Lab File: VY002083.D
Acq: 25 Mar 2020 21:19

Tgt Ion: 43 Resp: 61670
Ion Ratio Lower Upper
43 100
74 22.4 19.0 28.6

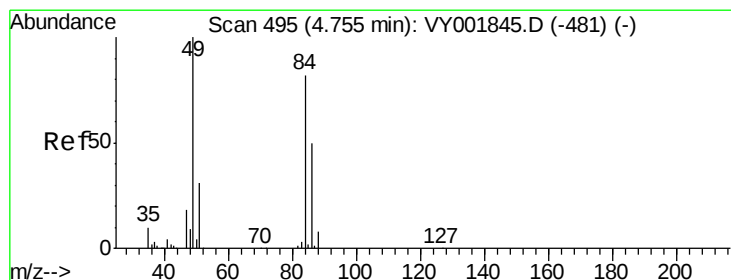
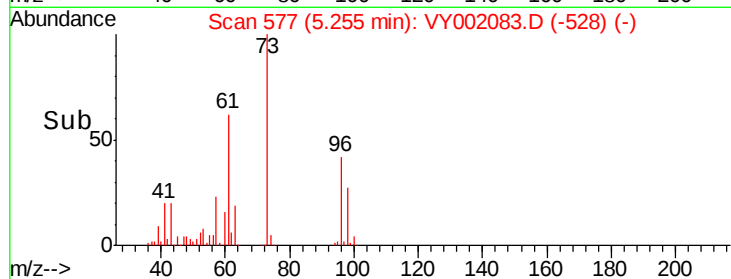
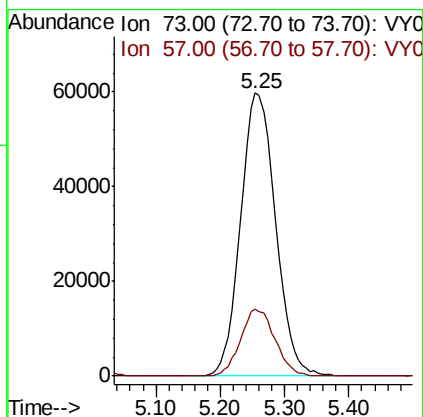
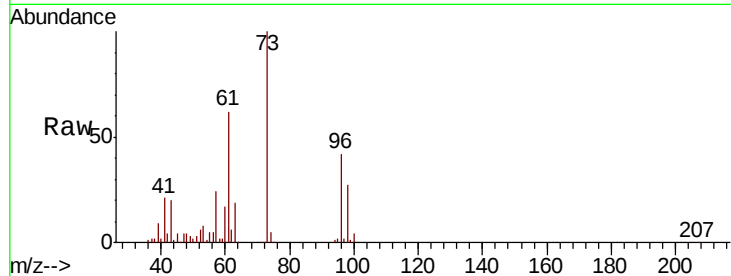




#19
Methyl tert-butyl Ether
Concen: 56.986 ug/l
RT: 5.25 min Scan# 577
Delta R.T. 0.00 min
Lab File: VY002083.D
Acq: 25 Mar 2020 21:19

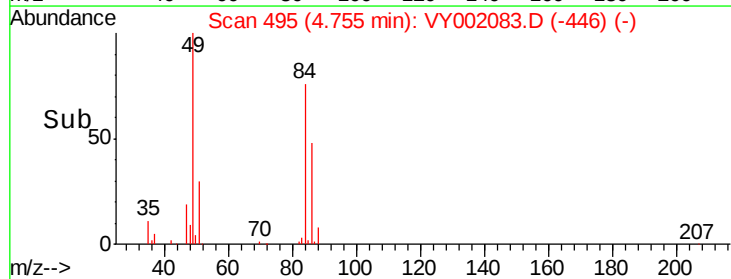
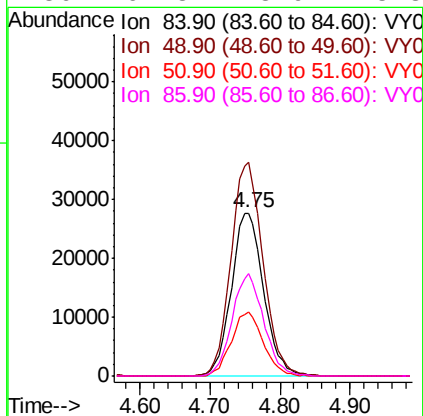
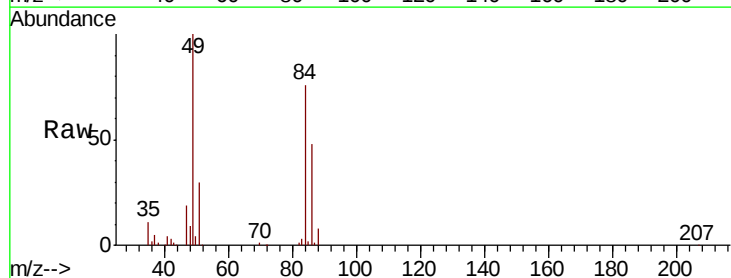
Instrument :
MSVOA_Y
ClientSampleId :

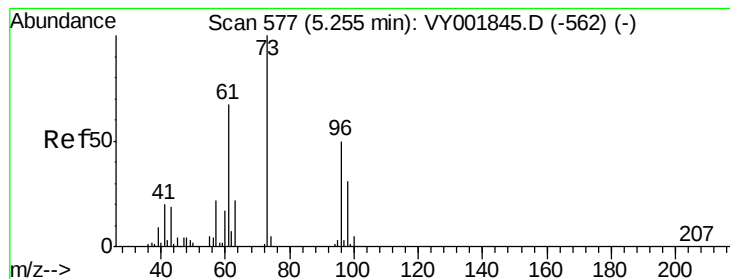
Tot Ion: 73 Resp: 224043
Ion Ratio Lower Upper
73 100
57 23.8 17.4 26.2



#20
Methylene Chloride
Concen: 50.838 ug/l
RT: 4.75 min Scan# 495
Delta R.T. 0.00 min
Lab File: VY002083.D
Acq: 25 Mar 2020 21:19

Tgt Ion: 84 Resp: 88403
Ion Ratio Lower Upper
84 100
49 131.1 98.2 147.2
51 39.7 30.2 45.2
86 62.8 48.9 73.3





#21

trans-1,2-Dichloroethene

Concen: 48.605 ug/l

RT: 5.26 min Scan# 578

Delta R.T. 0.01 min

Lab File: VY002083.D

Acq: 25 Mar 2020 21:19

Instrument :

MSVOA_Y

ClientSampleId :

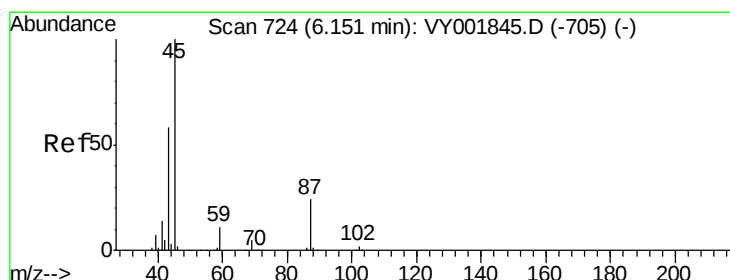
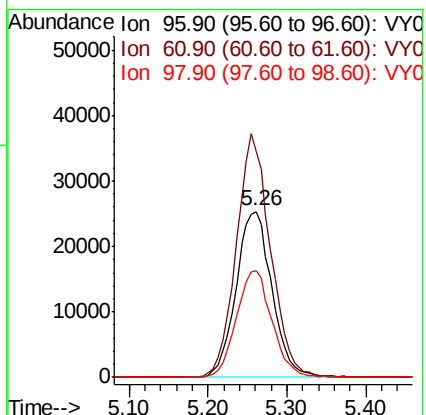
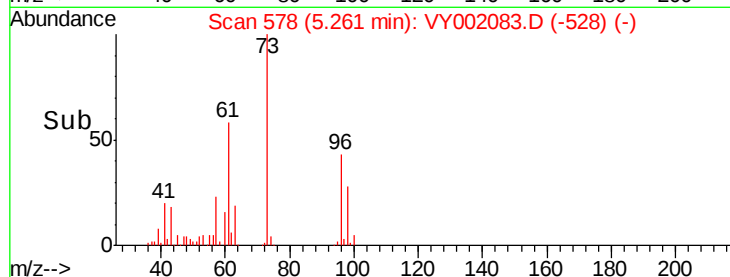
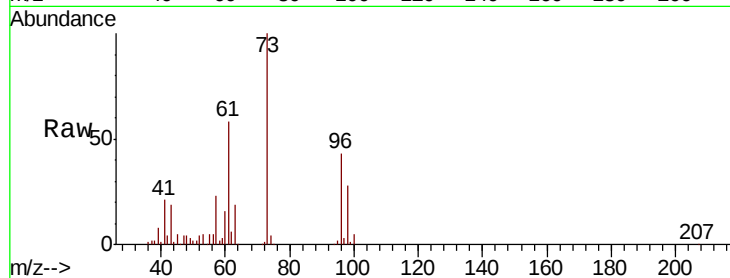
Tot Ion: 96 Resp: 80037

Ion Ratio Lower Upper

96 100

61 135.6 107.7 161.5

98 64.4 49.3 73.9



#22

Diisopropyl ether

Concen: 56.548 ug/l

RT: 6.16 min Scan# 725

Delta R.T. 0.01 min

Lab File: VY002083.D

Acq: 25 Mar 2020 21:19

Tgt Ion: 45 Resp: 298126

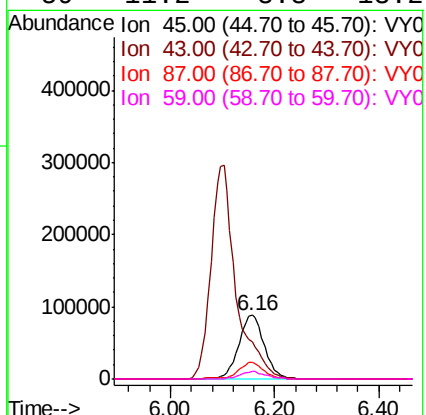
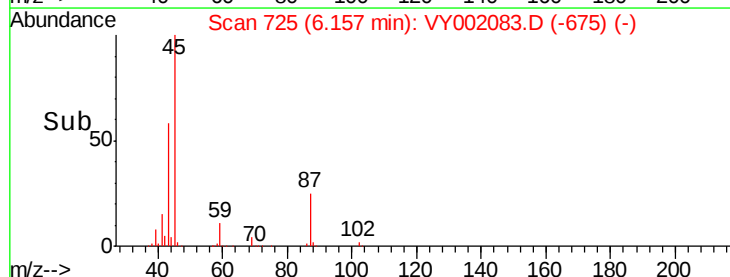
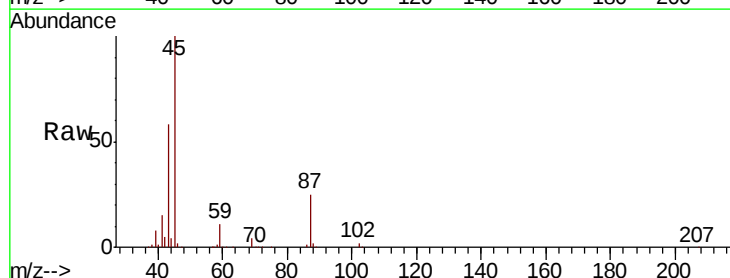
Ion Ratio Lower Upper

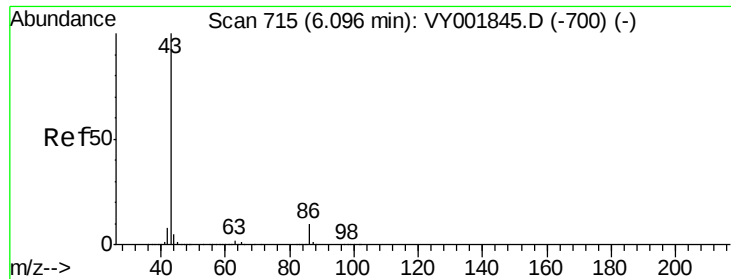
45 100

43 57.5 47.2 70.8

87 25.2 19.8 29.8

59 11.2 8.8 13.2





#23

Vinyl Acetate

Concen: 288.884 ug/l

RT: 6.10 min Scan# 716

Delta R.T. 0.01 min

Lab File: VY002083.D

Acq: 25 Mar 2020 21:19

Instrument :

MSVOA_Y

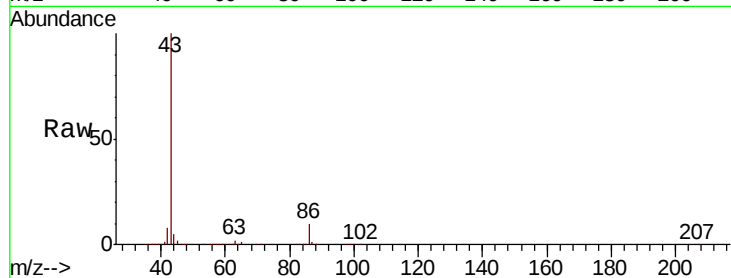
ClientSampleId :

Tot Ion: 43 Resp: 998436

Ion Ratio Lower Upper

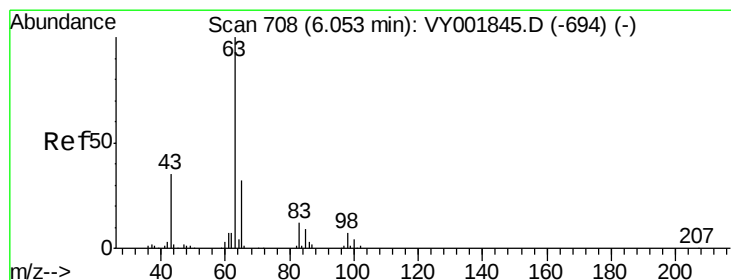
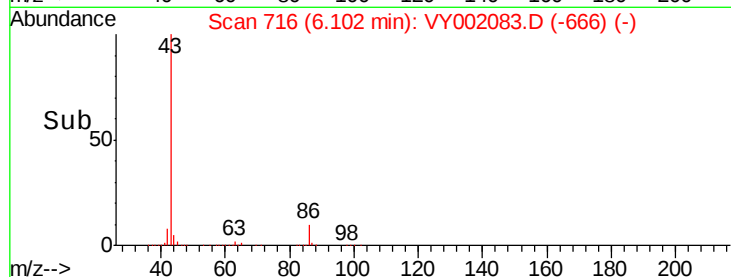
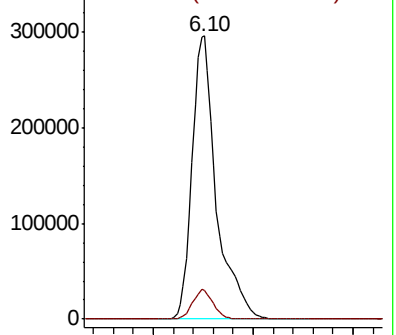
43 100

86 9.9 7.8 11.8



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 52.721 ug/l

RT: 6.06 min Scan# 709

Delta R.T. 0.01 min

Lab File: VY002083.D

Acq: 25 Mar 2020 21:19

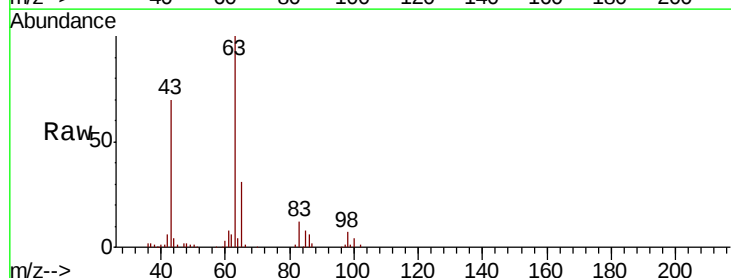
Tgt Ion: 63 Resp: 150518

Ion Ratio Lower Upper

63 100

98 7.1 3.4 10.2

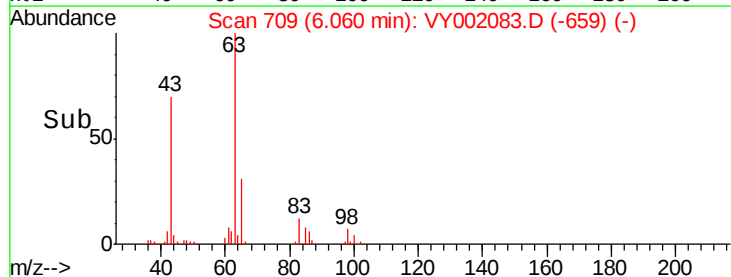
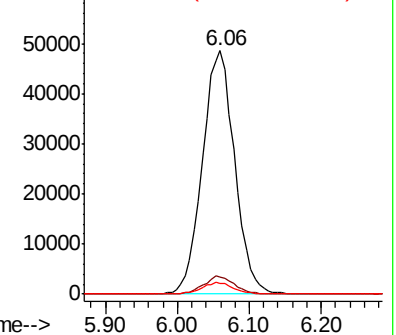
100 4.1 2.0 6.0

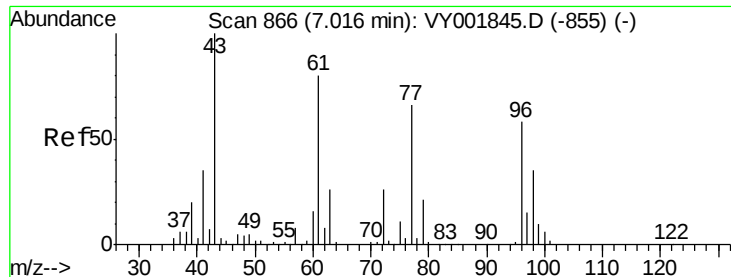


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0

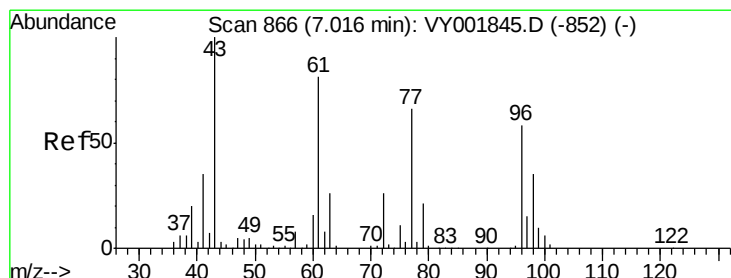
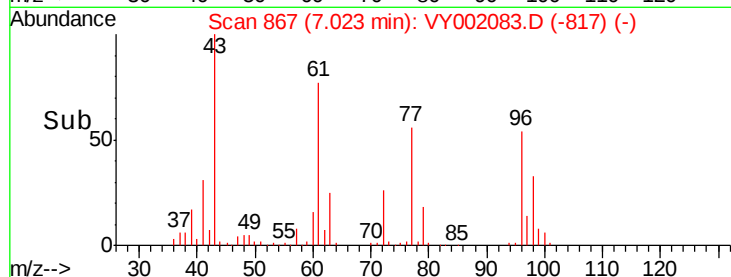
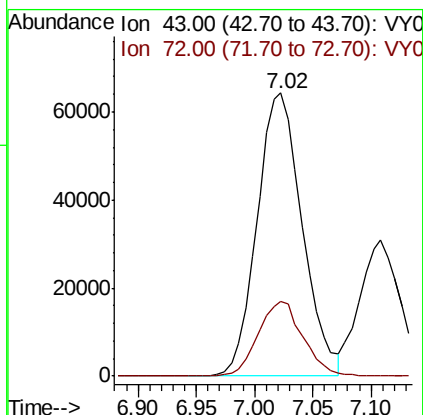
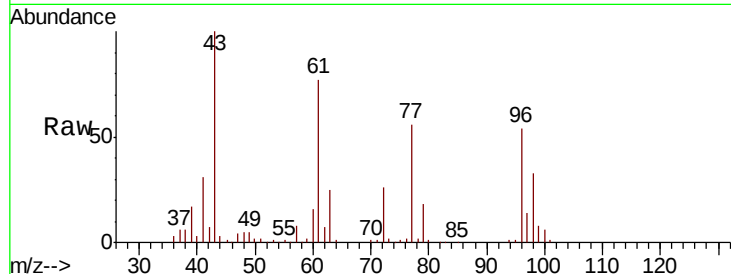




#25
2-Butanone
Concen: 281.304 ug/l
RT: 7.02 min Scan# 867
Delta R.T. 0.01 min
Lab File: VY002083.D
Acq: 25 Mar 2020 21:19

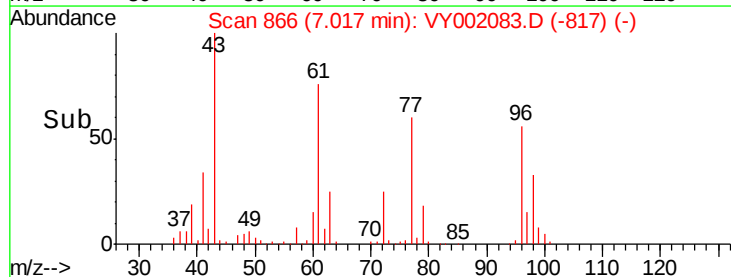
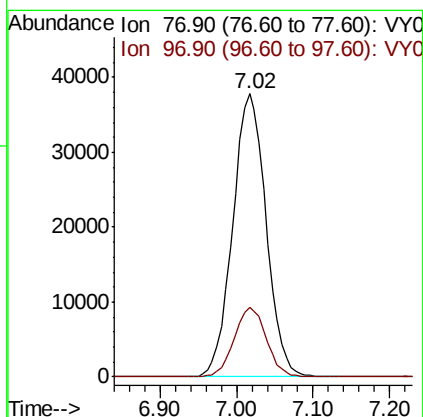
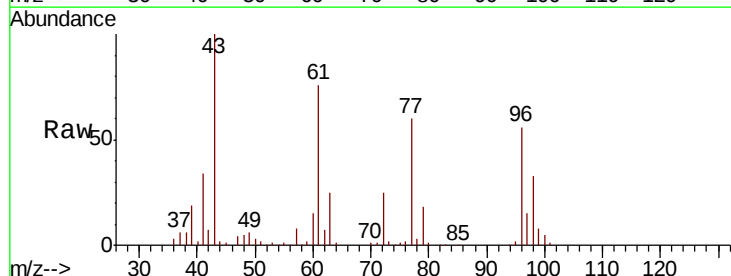
Instrument :
MSVOA_Y
ClientSampled :

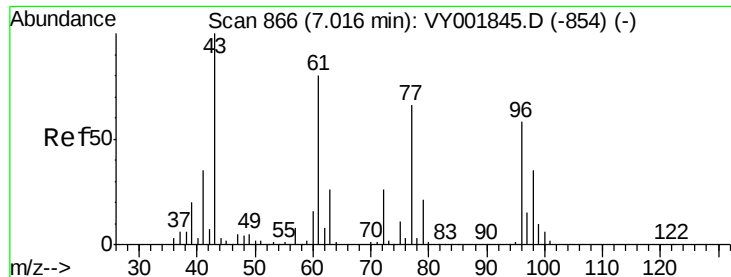
Tot Ion: 43 Resp: 173568
Ion Ratio Lower Upper
43 100
72 26.2 20.9 31.3



#26
2,2-Dichloropropane
Concen: 48.602 ug/l
RT: 7.02 min Scan# 866
Delta R.T. 0.00 min
Lab File: VY002083.D
Acq: 25 Mar 2020 21:19

Tgt Ion: 77 Resp: 113889
Ion Ratio Lower Upper
77 100
97 23.7 11.9 35.7



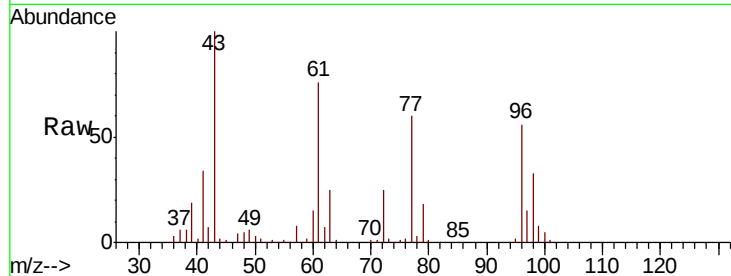


#27

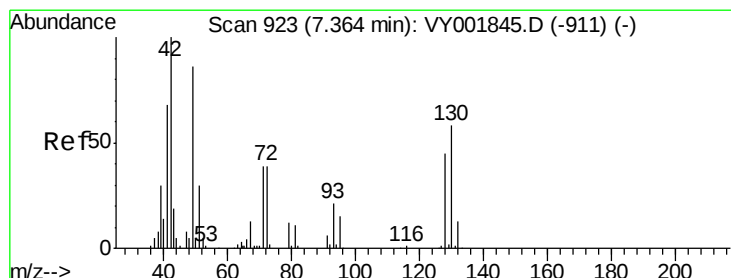
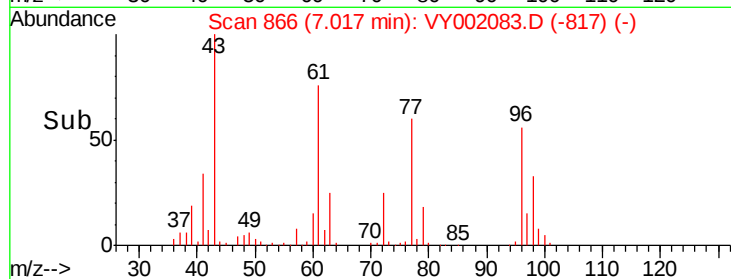
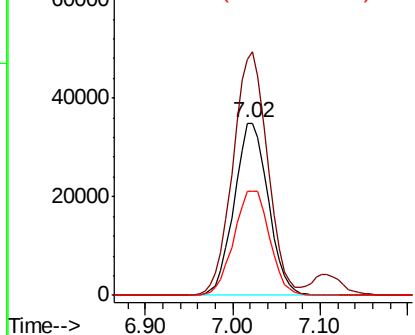
cis-1,2-Dichloroethene
Concen: 53.000 ug/l
RT: 7.02 min Scan# 866
Delta R.T. 0.00 min
Lab File: VY002083.D
Acq: 25 Mar 2020 21:19

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 96 Resp: 94934
Ion Ratio Lower Upper
96 100
61 143.5 0.0 288.2
98 63.5 0.0 129.0



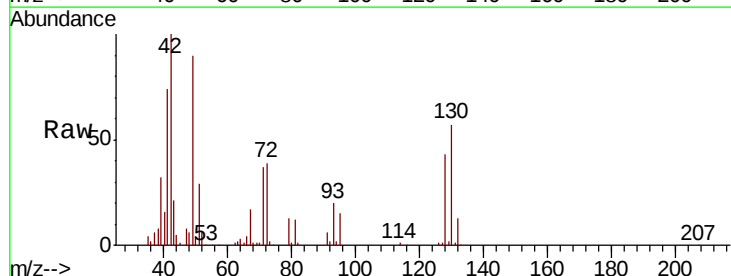
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



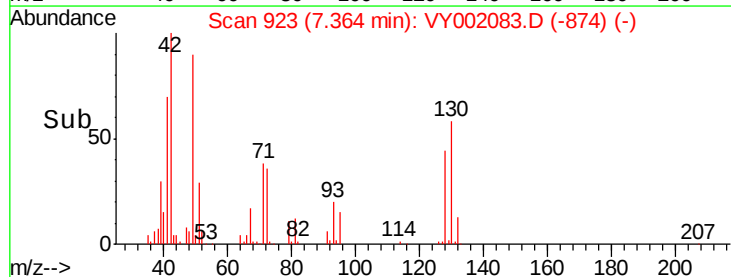
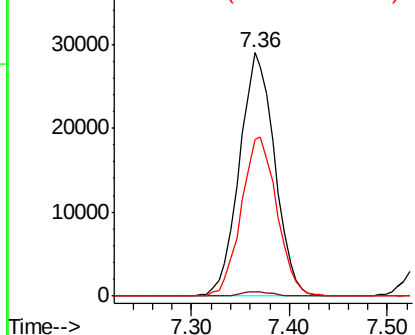
#28

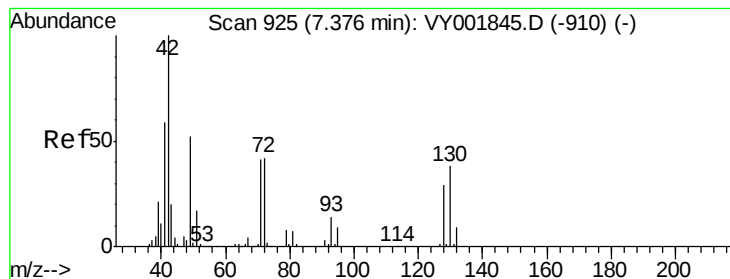
Bromochloromethane
Concen: 56.188 ug/l
RT: 7.36 min Scan# 923
Delta R.T. 0.00 min
Lab File: VY002083.D
Acq: 25 Mar 2020 21:19

Tgt Ion: 49 Resp: 72306
Ion Ratio Lower Upper
49 100
129 1.6 0.0 3.8
130 66.0 54.4 81.6



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





#29

Tetrahydrofuran

Concen: 294.602 ug/l

RT: 7.38 min Scan# 925

Delta R.T. 0.00 min

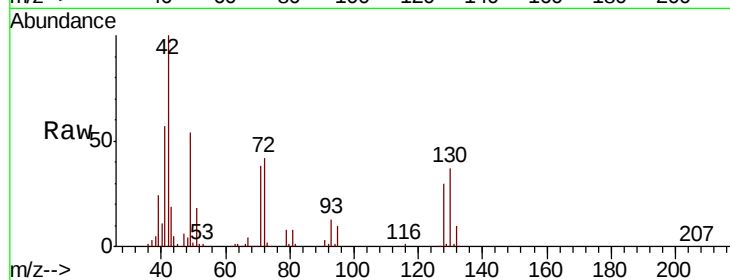
Lab File: VY002083.D

Acq: 25 Mar 2020 21:19

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 42 Resp: 120709

Ion	Ratio	Lower	Upper
42	100		
72	41.2	33.5	50.3
71	38.5	31.3	46.9

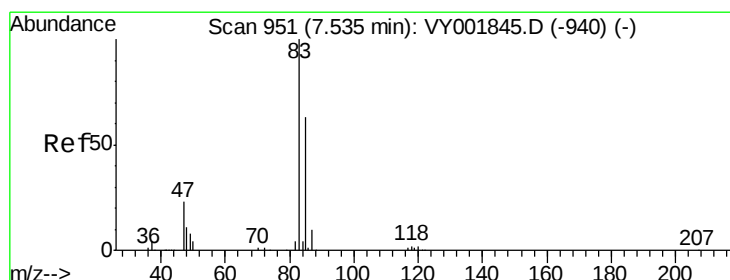
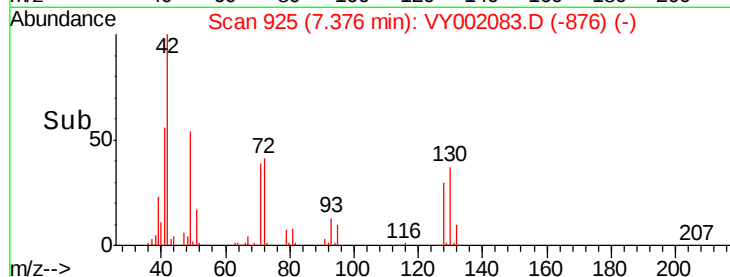
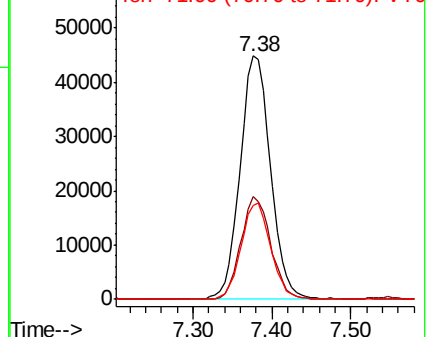


Abundance

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: 54.616 ug/l

RT: 7.53 min Scan# 951

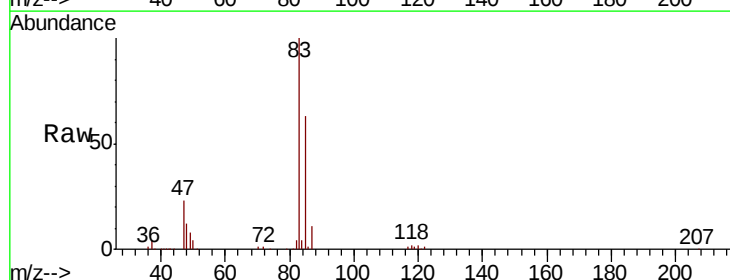
Delta R.T. 0.00 min

Lab File: VY002083.D

Acq: 25 Mar 2020 21:19

Tgt Ion: 83 Resp: 146499

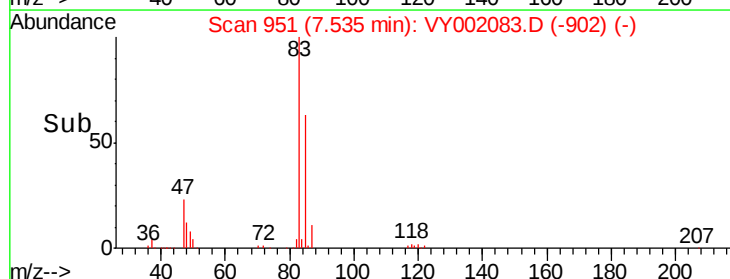
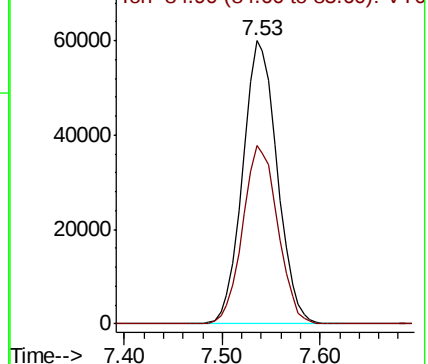
Ion	Ratio	Lower	Upper
83	100		
85	63.0	50.7	76.1



Abundance

Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0





#31

Cyclohexane

Concen: 44.205 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.01 min

Lab File: VY002083.D

Acq: 25 Mar 2020 21:19

Instrument :
MSVOA_Y
ClientSampled :

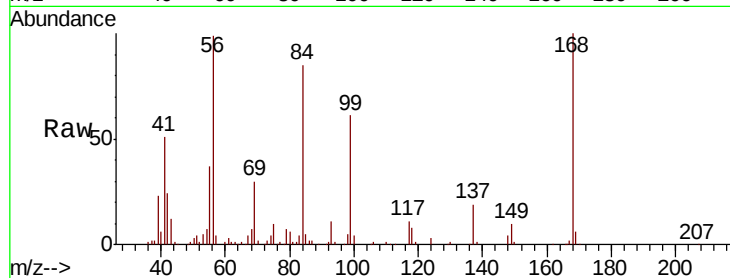
Tot Ion: 56 Resp: 135319

Ion Ratio Lower Upper

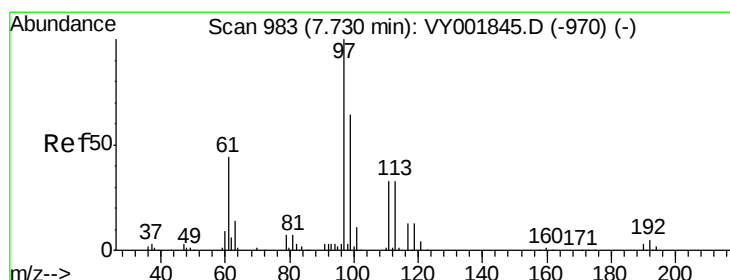
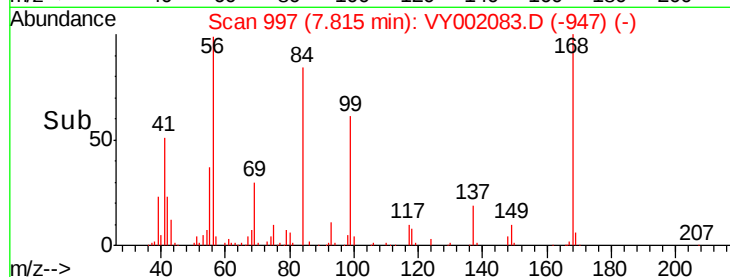
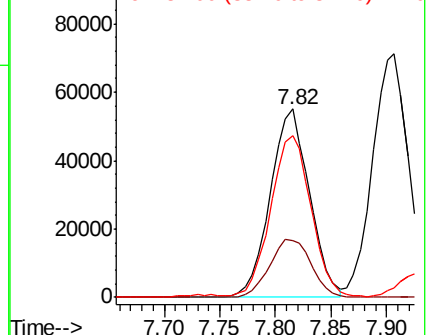
56 100

69 30.5 26.7 40.1

84 84.6 70.4 105.6



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: 52.085 ug/l

RT: 7.74 min Scan# 984

Delta R.T. 0.01 min

Lab File: VY002083.D

Acq: 25 Mar 2020 21:19

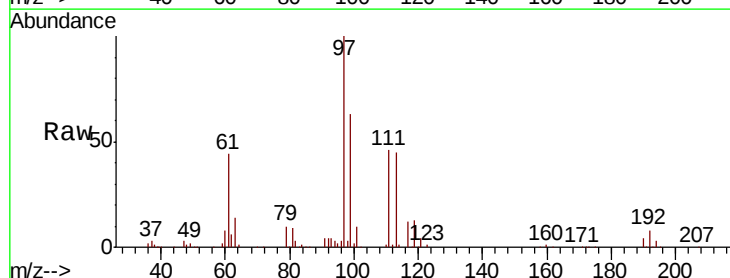
Tgt Ion: 97 Resp: 117752

Ion Ratio Lower Upper

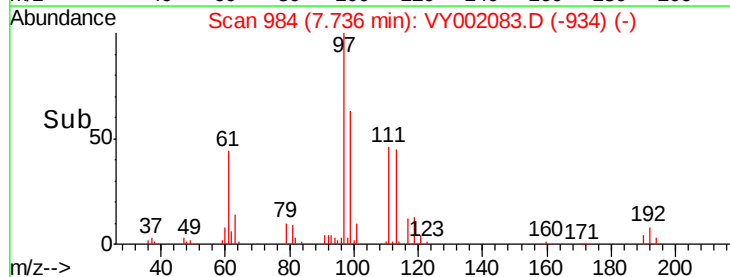
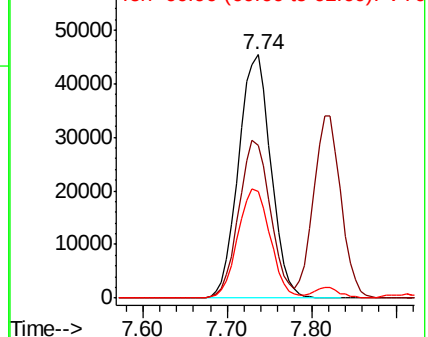
97 100

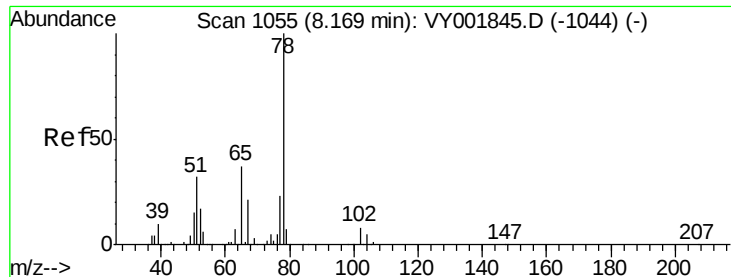
99 63.7 52.0 78.0

61 44.9 35.0 52.4



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

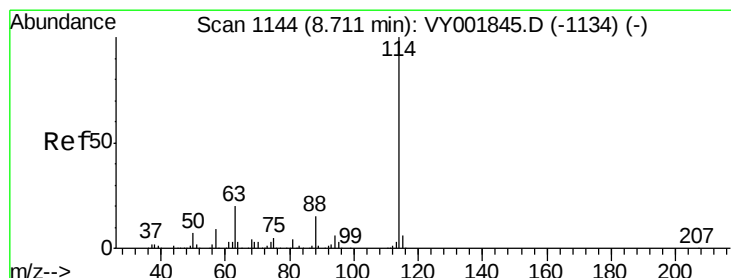
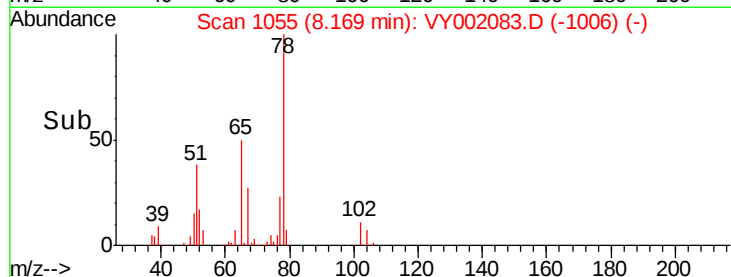
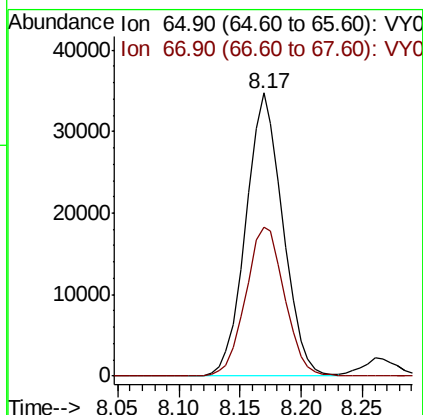
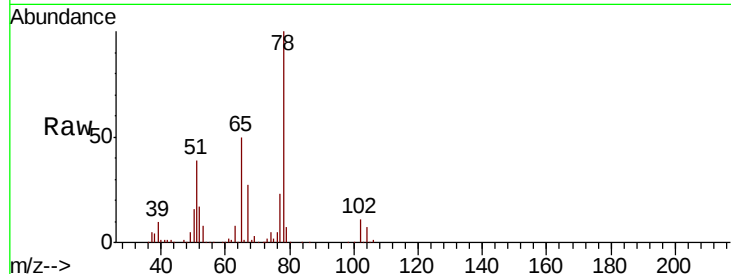




#33
 1,2-Dichloroethane-d4
 Concen: 52.472 ug/l
 RT: 8.17 min Scan# 1055
 Delta R.T. 0.00 min
 Lab File: VY002083.D
 Acq: 25 Mar 2020 21:19

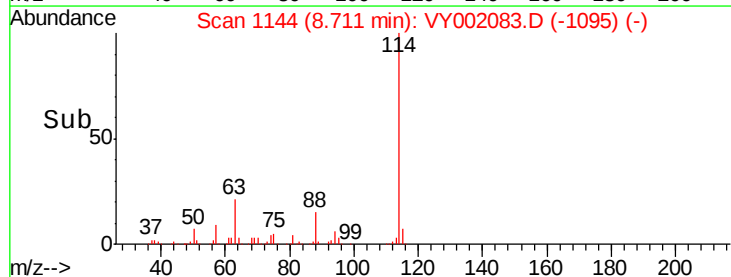
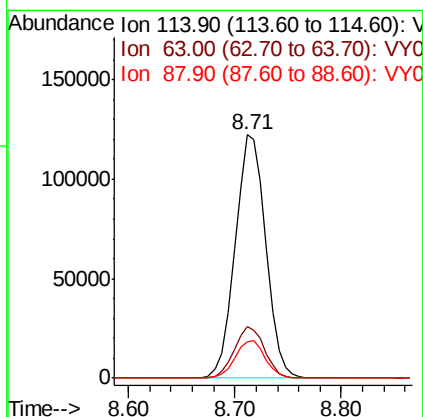
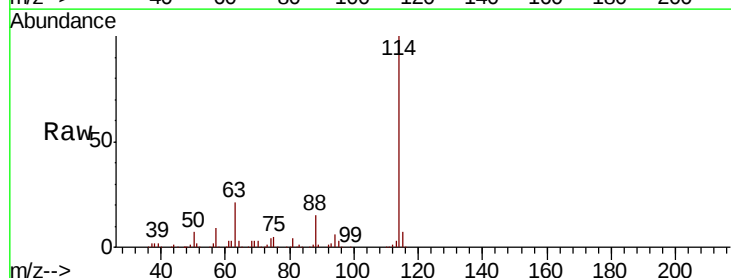
Instrument :
 MSVOA_Y
 ClientSampleId :

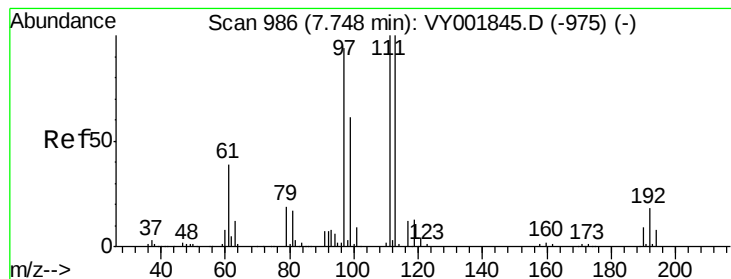
Tot Ion: 65 Resp: 73095
 Ion Ratio Lower Upper
 65 100
 67 55.1 0.0 110.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1144
 Delta R.T. 0.00 min
 Lab File: VY002083.D
 Acq: 25 Mar 2020 21:19

Tgt Ion: 114 Resp: 245906
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 39.4
 88 14.9 0.0 30.4





#35

Dibromofluoromethane

Concen: 49.935 ug/l

RT: 7.75 min Scan# 986

Delta R.T. 0.00 min

Lab File: VY002083.D

Acq: 25 Mar 2020 21:19

Instrument :

MSVOA_Y

ClientSampleId :

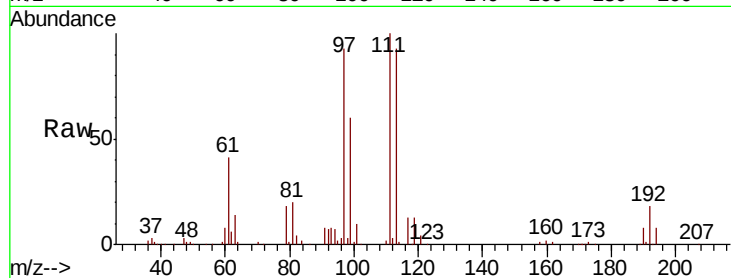
Tot Ion:113 Resp: 67050

Ion Ratio Lower Upper

113 100

111 104.2 81.8 122.8

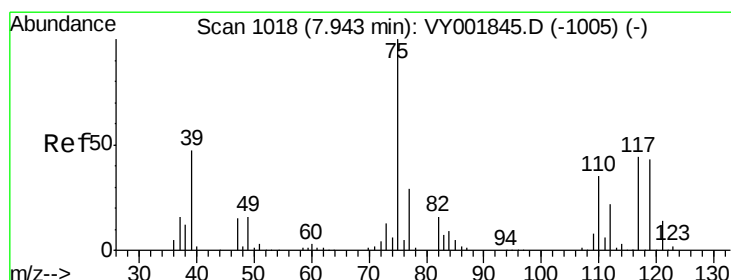
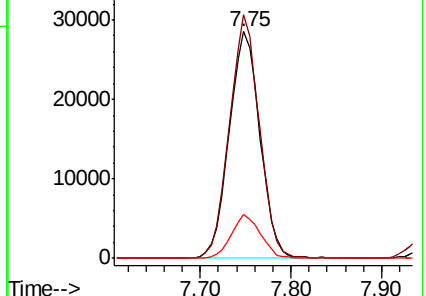
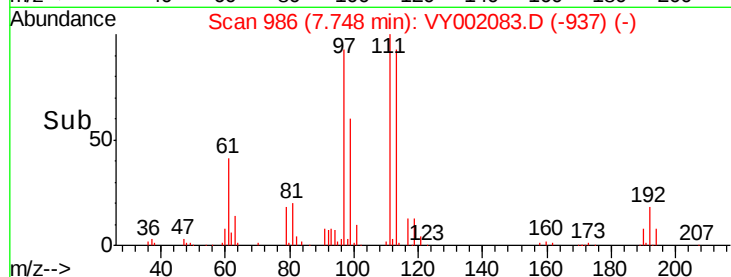
192 18.3 14.2 21.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 47.425 ug/l

RT: 7.94 min Scan# 1018

Delta R.T. 0.00 min

Lab File: VY002083.D

Acq: 25 Mar 2020 21:19

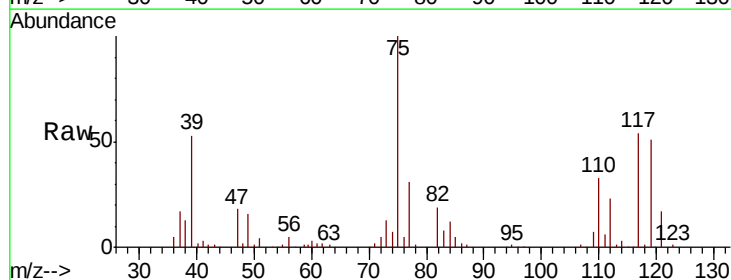
Tgt Ion: 75 Resp: 112225

Ion Ratio Lower Upper

75 100

110 34.4 17.4 52.2

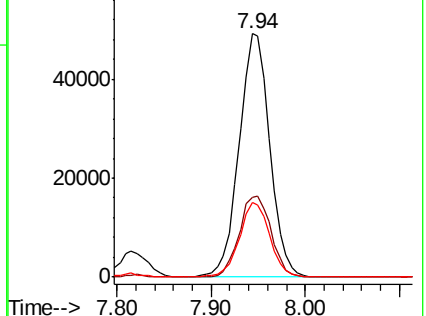
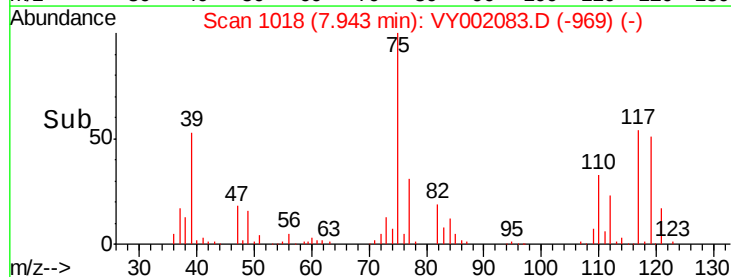
77 30.4 24.2 36.2

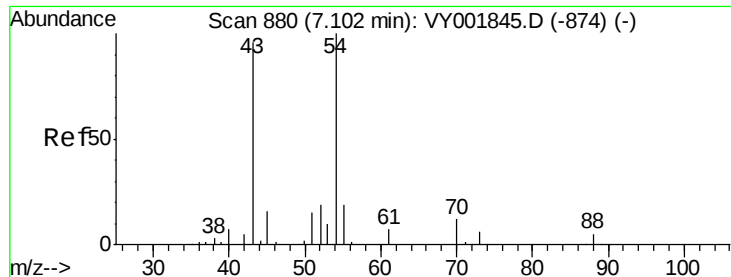


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

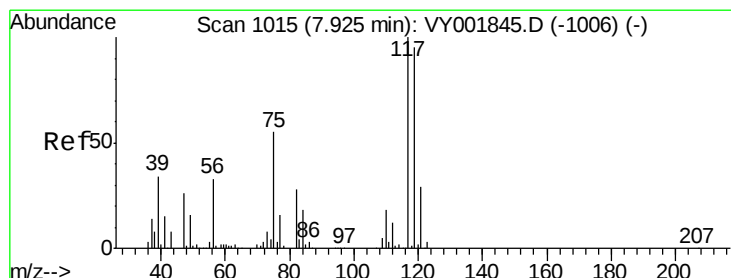
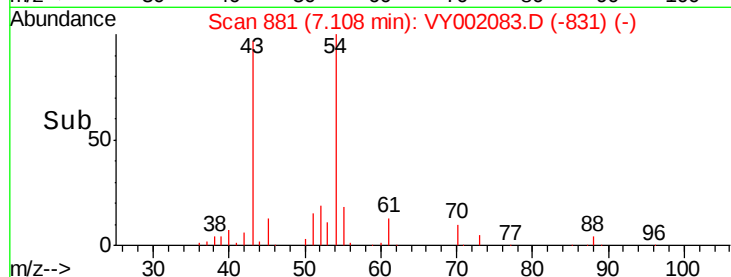
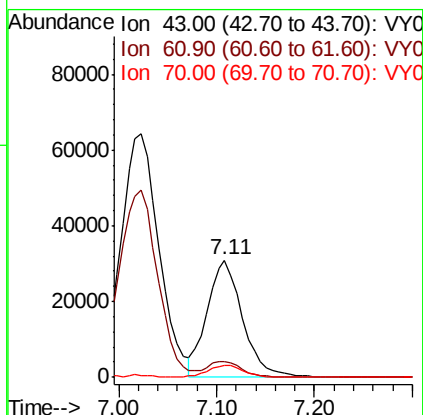
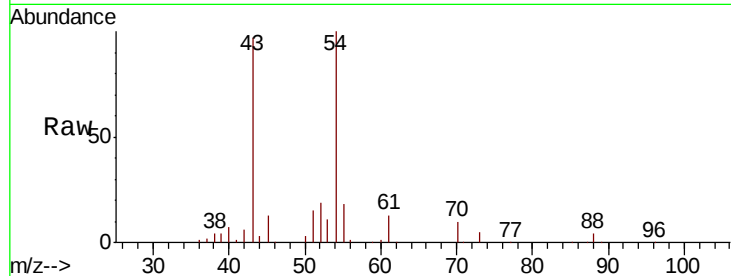




#37
Ethyl Acetate
Concen: 56.189 ug/l
RT: 7.11 min Scan# 881
Delta R.T. 0.01 min
Lab File: VY002083.D
Acq: 25 Mar 2020 21:19

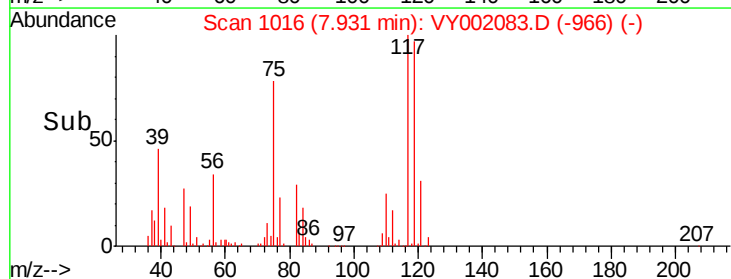
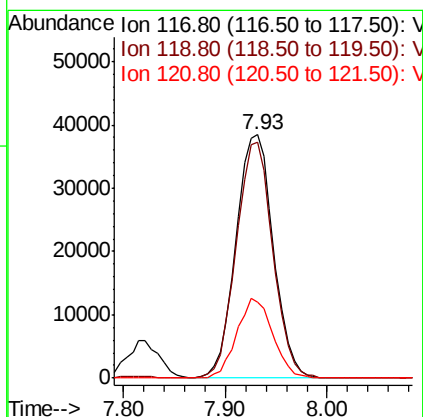
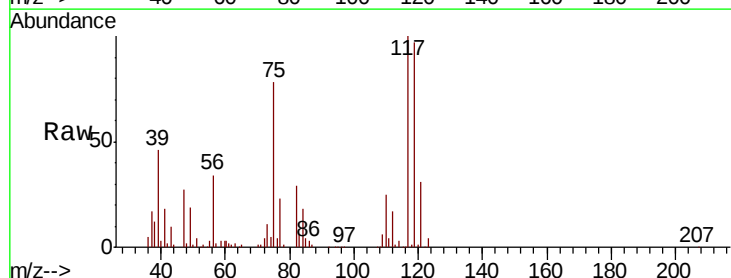
Instrument :
MSVOA_Y
ClientSampled :

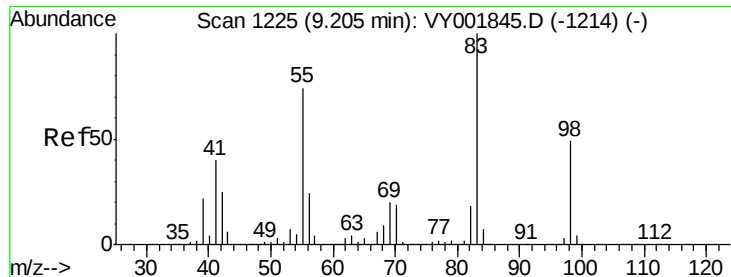
Tot Ion: 43 Resp: 77278
Ion Ratio Lower Upper
43 100
61 13.8 11.1 16.7
70 10.4 8.2 12.4



#38
Carbon Tetrachloride
Concen: 48.375 ug/l
RT: 7.93 min Scan# 1016
Delta R.T. 0.01 min
Lab File: VY002083.D
Acq: 25 Mar 2020 21:19

Tgt Ion: 117 Resp: 97788
Ion Ratio Lower Upper
117 100
119 96.9 76.3 114.5
121 31.4 23.5 35.3

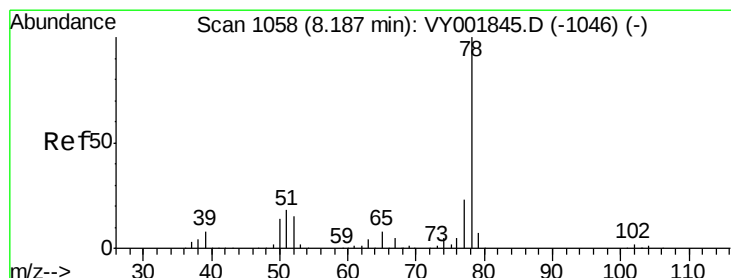
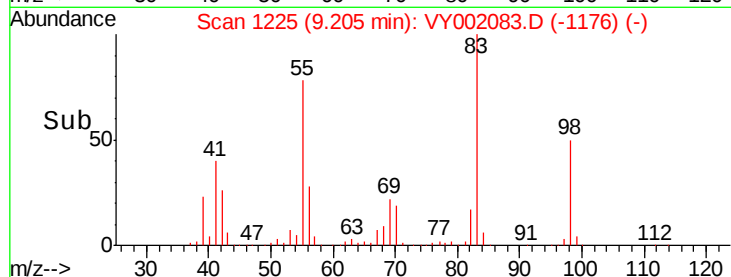
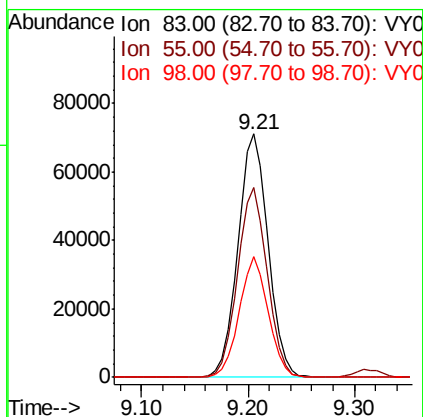
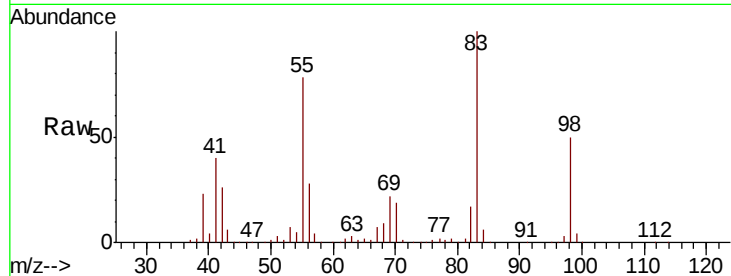




#39
Methvlcvclohexane
Concen: 45.107 ug/l
RT: 9.21 min Scan# 1225
Delta R.T. 0.00 min
Lab File: VY002083.D
Acq: 25 Mar 2020 21:19

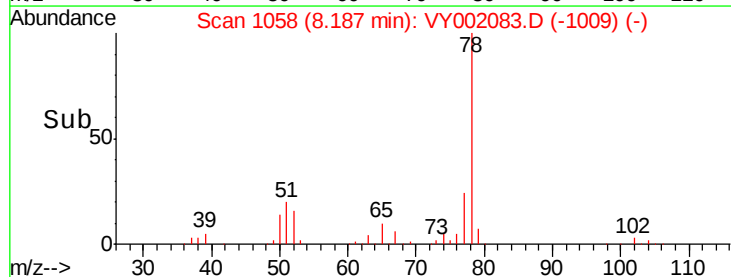
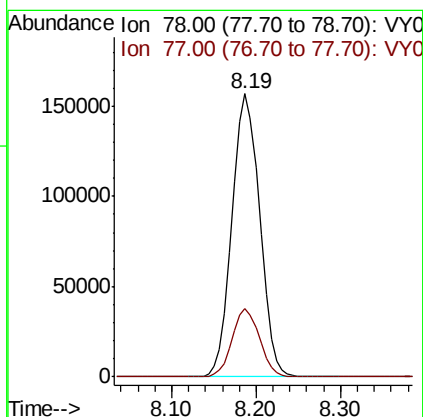
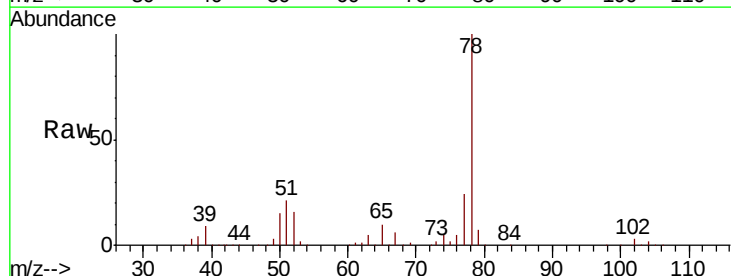
Instrument :
MSVOA_Y
ClientSampleId :

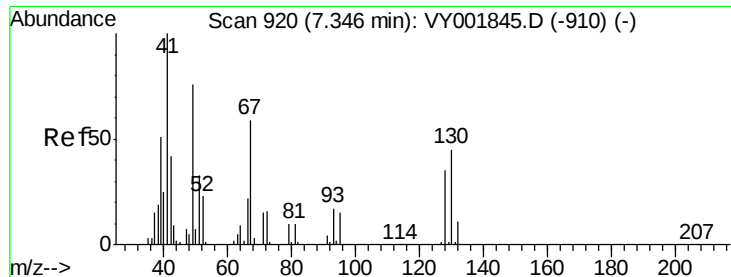
Tot Ion: 83 Resp: 141573
Ion Ratio Lower Upper
83 100
55 78.2 59.4 89.0
98 49.8 38.9 58.3



#40
Benzene
Concen: 49.818 ug/l
RT: 8.19 min Scan# 1058
Delta R.T. 0.00 min
Lab File: VY002083.D
Acq: 25 Mar 2020 21:19

Tgt Ion: 78 Resp: 349421
Ion Ratio Lower Upper
78 100
77 23.9 18.7 28.1

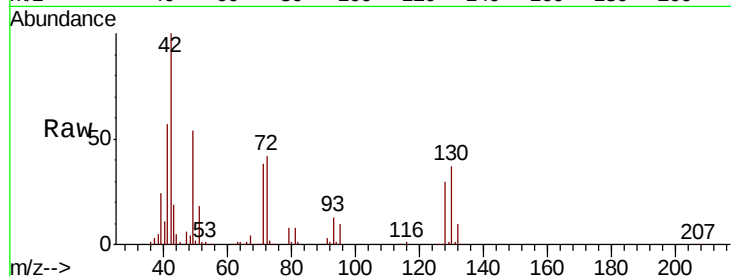




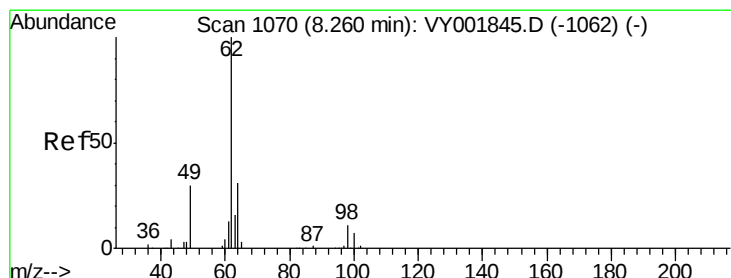
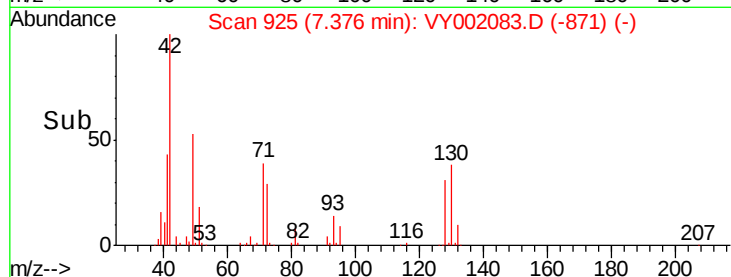
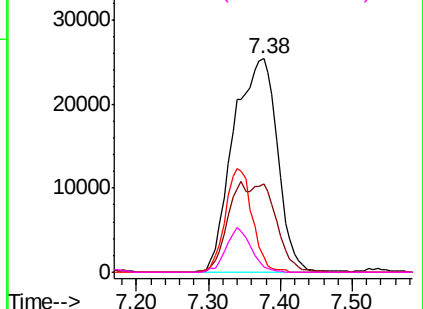
#41
Methacrylonitrile
Concen: 174.756 ug/l
RT: 7.38 min Scan# 925
Delta R.T. 0.03 min
Lab File: VY002083.D
Acq: 25 Mar 2020 21:19

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 41 Resp: 108166
Ion Ratio Lower Upper
41 100
39 0.0 111.7 167.5#
67 0.0 0.0 0.0
52 0.0 0.0 0.0

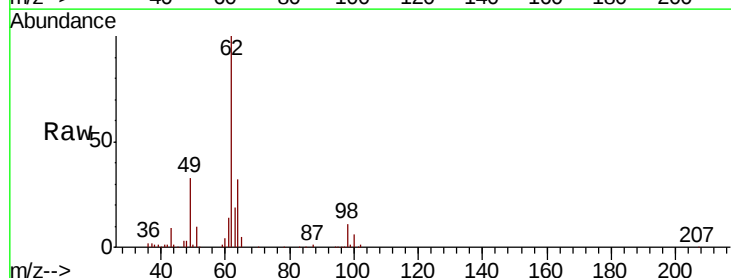


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

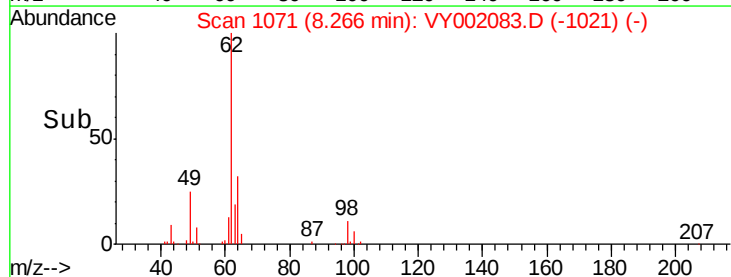
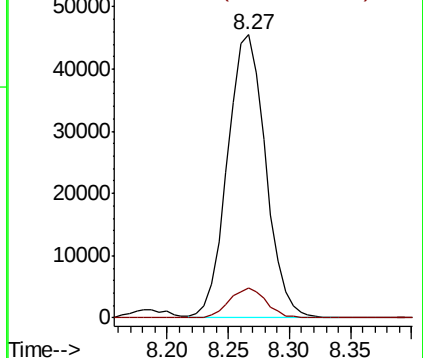


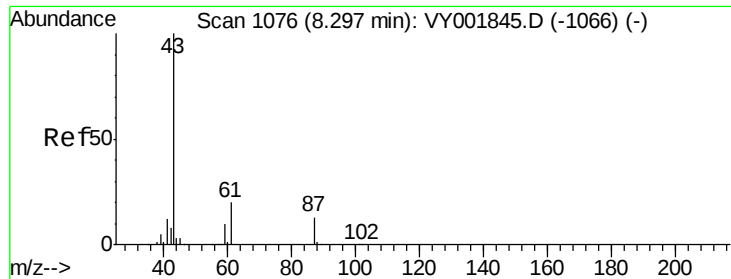
#42
1,2-Dichloroethane
Concen: 54.562 ug/l
RT: 8.27 min Scan# 1071
Delta R.T. 0.01 min
Lab File: VY002083.D
Acq: 25 Mar 2020 21:19

Tgt Ion: 62 Resp: 98613
Ion Ratio Lower Upper
62 100
98 10.3 0.0 21.4



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





#43

Isopropyl Acetate

Concen: 57.661 ug/l

RT: 8.30 min Scan# 1076

Delta R.T. 0.00 min

Lab File: VY002083.D

Acq: 25 Mar 2020 21:19

Instrument :

MSVOA_Y

ClientSampleId :

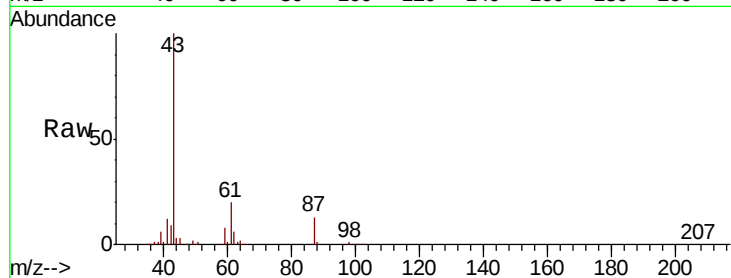
Tot Ion: 43 Resp: 150144

Ion Ratio Lower Upper

43 100

61 28.5 23.8 35.6

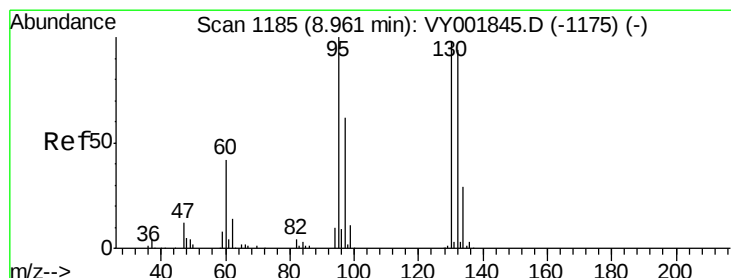
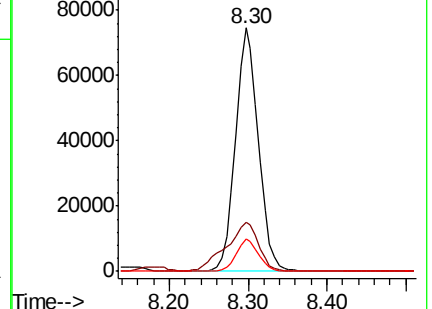
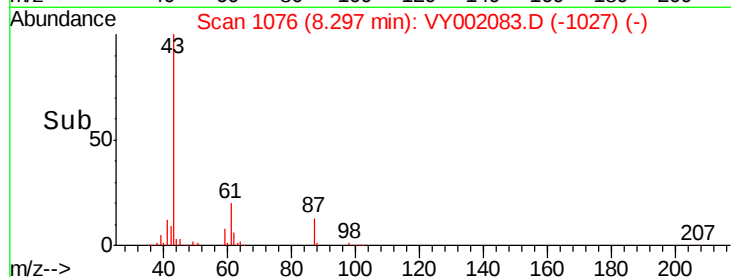
87 12.9 10.9 16.3



Abundance Ion 43.00 (42.70 to 43.70): VY001845.D (-1066) (-)

Ion 61.00 (60.70 to 61.70): VY001845.D (-1066) (-)

Ion 87.00 (86.70 to 87.70): VY001845.D (-1066) (-)



#44

Trichloroethene

Concen: 49.051 ug/l

RT: 8.96 min Scan# 1185

Delta R.T. 0.00 min

Lab File: VY002083.D

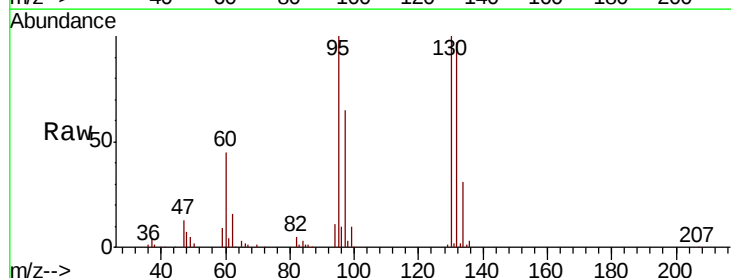
Acq: 25 Mar 2020 21:19

Tgt Ion:130 Resp: 83788

Ion Ratio Lower Upper

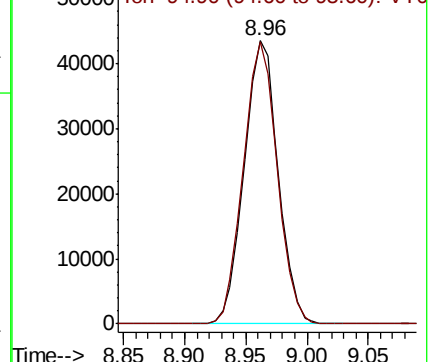
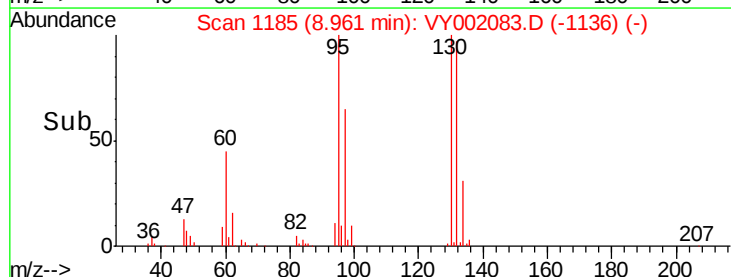
130 100

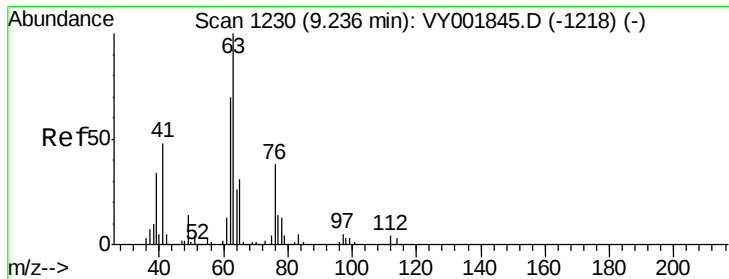
95 99.8 0.0 204.6



Abundance Ion 129.80 (129.50 to 130.50): VY001845.D (-1175) (-)

Ion 94.90 (94.60 to 95.60): VY001845.D (-1175) (-)





#45

1,2-Dichloropropane

Concen: 53.627 ug/l

RT: 9.24 min Scan# 1231

Delta R.T. 0.01 min

Lab File: VY002083.D

Acq: 25 Mar 2020 21:19

Instrument :

MSVOA_Y

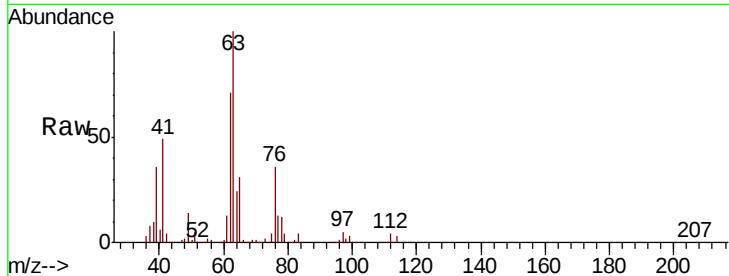
ClientSampleId :

Tot Ion: 63 Resp: 94554

Ion Ratio Lower Upper

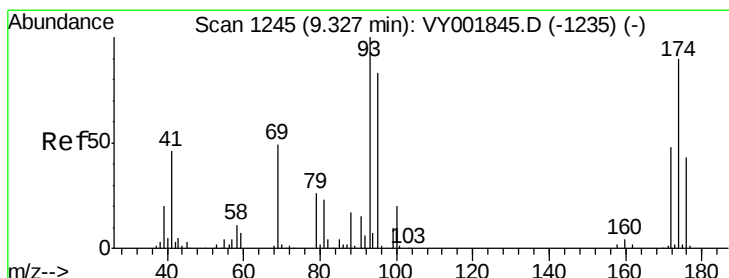
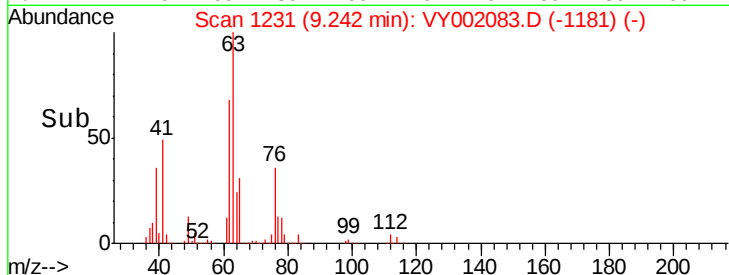
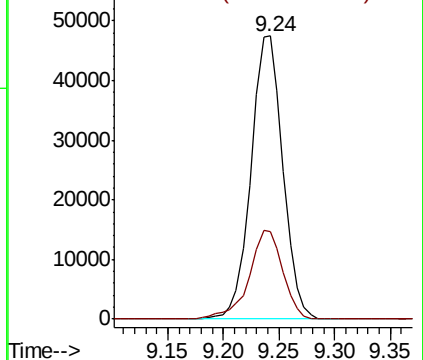
63 100

65 31.1 24.9 37.3



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 64.90 (64.60 to 65.60): VY0



#46

Dibromomethane

Concen: 52.637 ug/l

RT: 9.33 min Scan# 1245

Delta R.T. 0.00 min

Lab File: VY002083.D

Acq: 25 Mar 2020 21:19

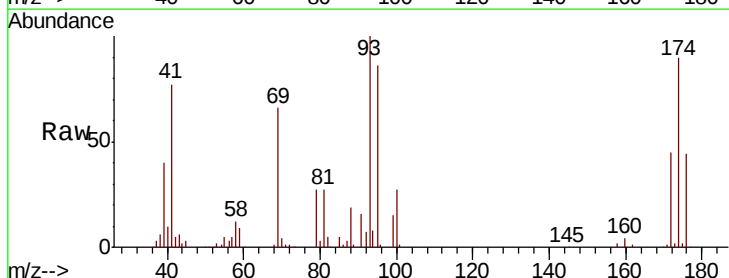
Tgt Ion: 93 Resp: 47826

Ion Ratio Lower Upper

93 100

95 85.7 67.0 100.4

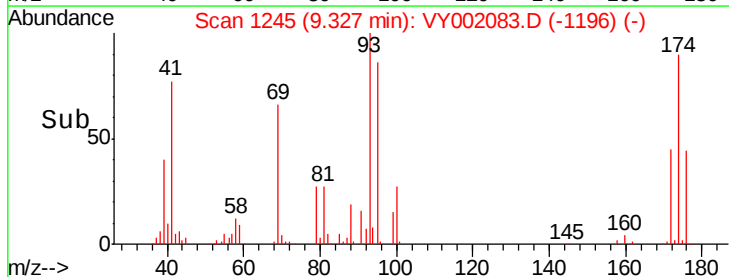
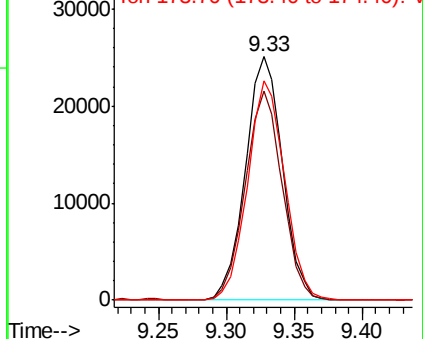
174 89.9 71.8 107.8

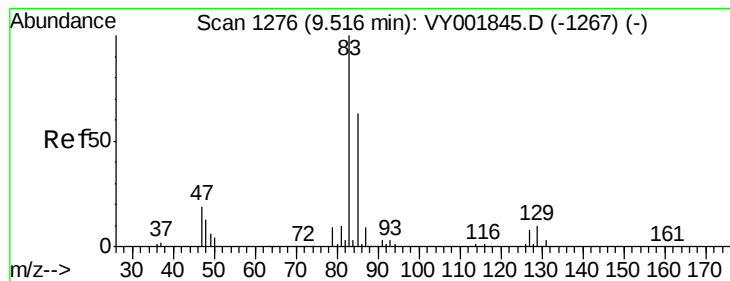


Abundance Ion 92.80 (92.50 to 93.50): VY0

Ion 94.80 (94.50 to 95.50): VY0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 54.781 ug/l

RT: 9.52 min Scan# 1276

Delta R.T. 0.00 min

Lab File: VY002083.D

Acq: 25 Mar 2020 21:19

Instrument :

MSVOA_Y

ClientSampleId :

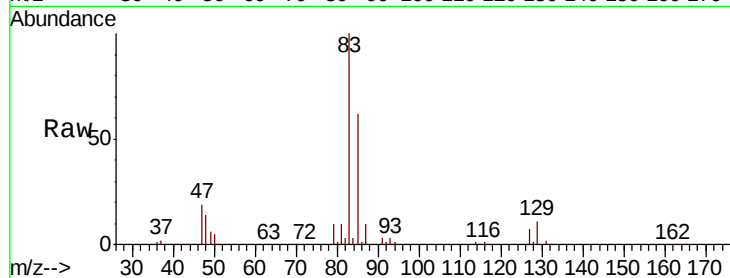
Tot Ion: 83 Resp: 115786

Ion Ratio Lower Upper

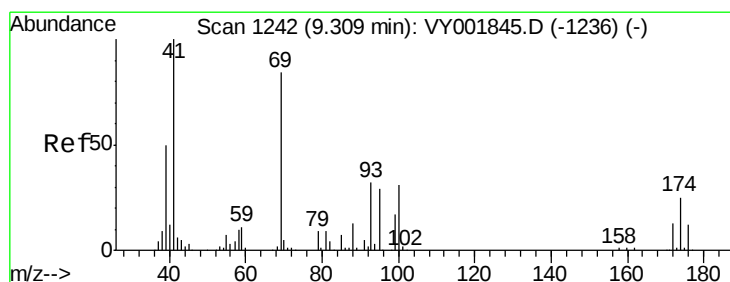
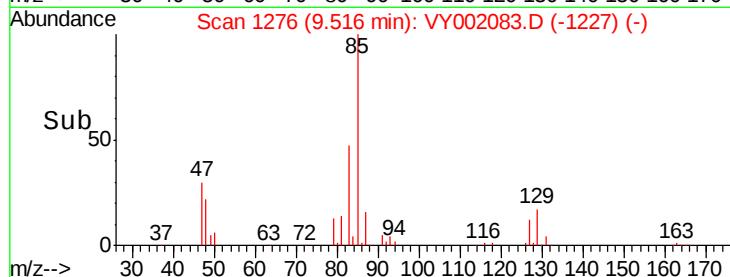
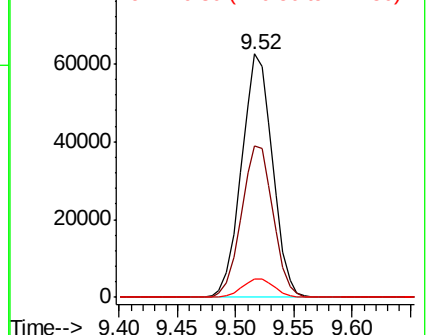
83 100

85 62.3 50.6 76.0

127 7.5 6.2 9.4



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



#48

Methyl methacrylate

Concen: 57.301 ug/l

RT: 9.32 min Scan# 1243

Delta R.T. 0.01 min

Lab File: VY002083.D

Acq: 25 Mar 2020 21:19

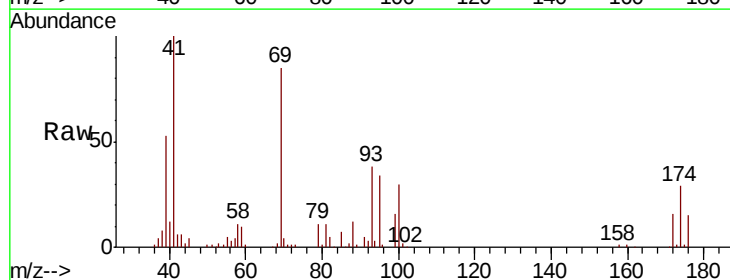
Tgt Ion: 41 Resp: 66207

Ion Ratio Lower Upper

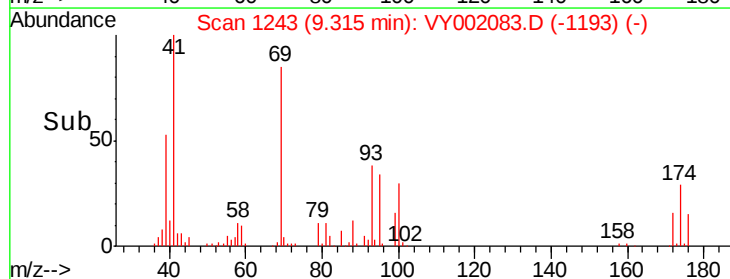
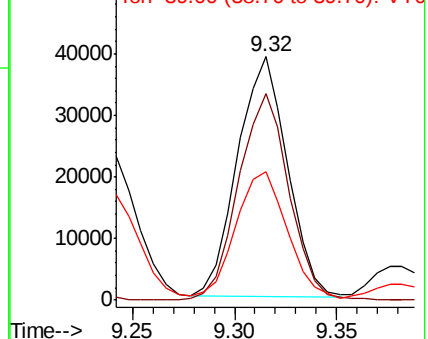
41 100

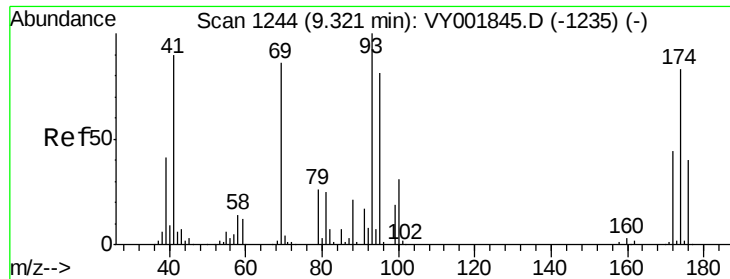
69 87.0 69.0 103.6

39 55.8 39.1 58.7



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





#49

1,4-Dioxane

Concen: 1068.422 ug/l

RT: 9.32 min Scan# 1244

Delta R.T. 0.00 min

Lab File: VY002083.D

Acq: 25 Mar 2020 21:19

Instrument :
MSVOA_Y
ClientSampleId :

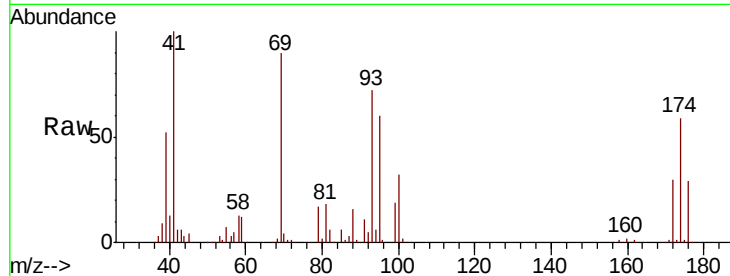
Tot Ion: 88 Resp: 13302

Ion Ratio Lower Upper

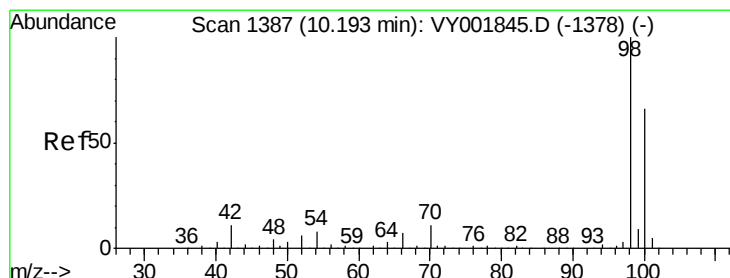
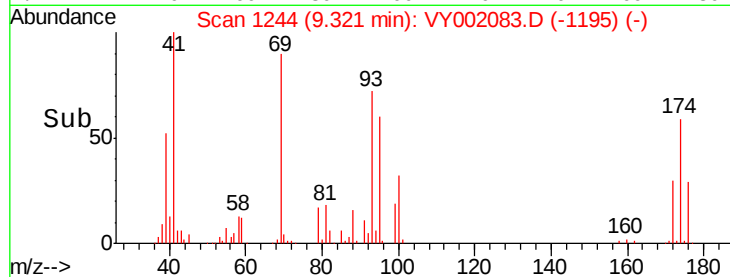
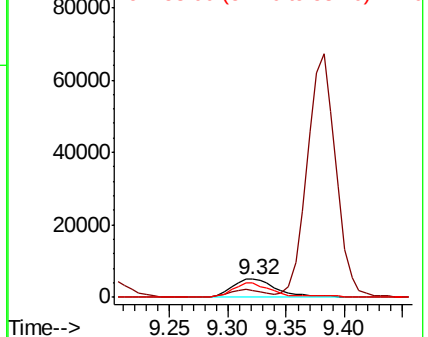
88 100

43 34.1 25.0 37.6

58 69.6 58.9 88.3



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: 46.869 ug/l

RT: 10.20 min Scan# 1388

Delta R.T. 0.01 min

Lab File: VY002083.D

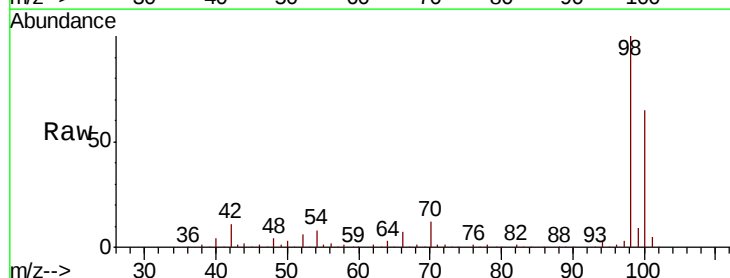
Acq: 25 Mar 2020 21:19

Tgt Ion: 98 Resp: 265381

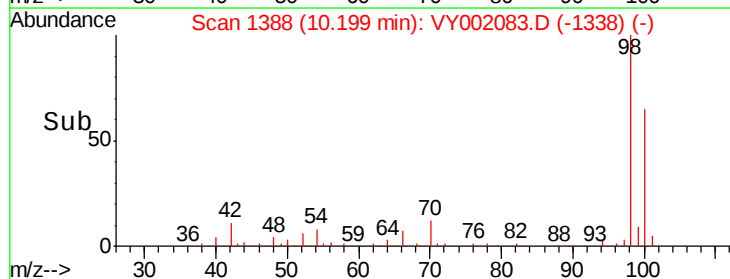
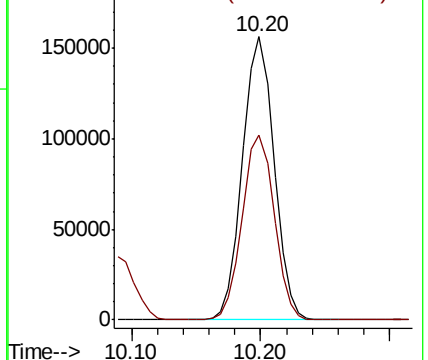
Ion Ratio Lower Upper

98 100

100 66.5 53.0 79.4



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: 293.119 ug/l

RT: 10.09 min Scan# 1370

Delta R.T. 0.01 min

Lab File: VY002083.D

Acq: 25 Mar 2020 21:19

Instrument :

MSVOA_Y

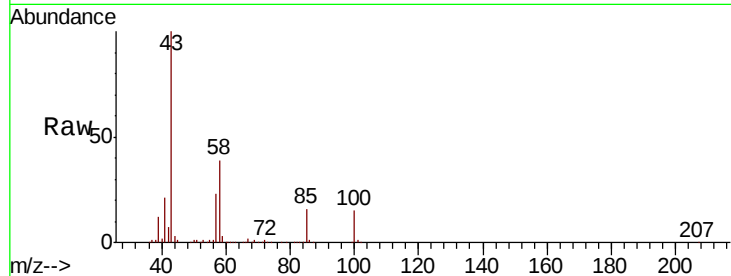
ClientSampleId :

Tot Ion: 43 Resp: 393129

Ion Ratio Lower Upper

43 100

58 39.1 32.0 48.0



Abundance Ion 43.00 (42.70 to 43.70): VY001845.D (-1361) (-)

Ion 58.00 (57.70 to 58.70): VY001845.D (-1361) (-)

10.09

250000

200000

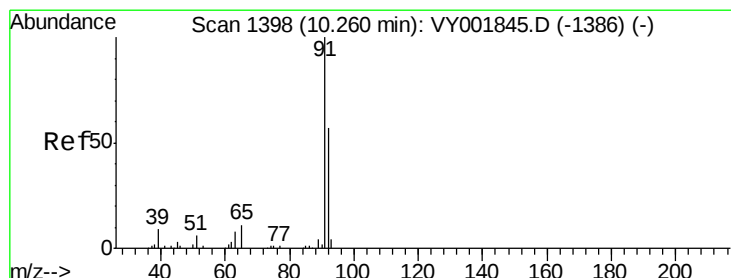
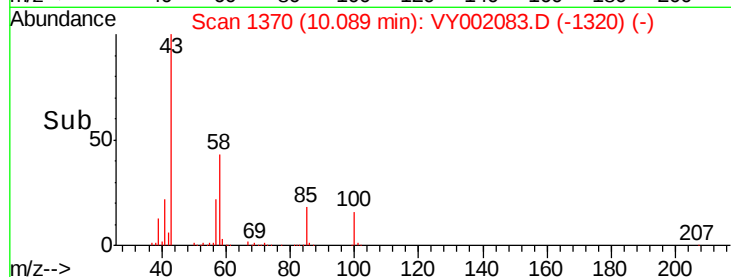
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 50.657 ug/l

RT: 10.26 min Scan# 1398

Delta R.T. 0.00 min

Lab File: VY002083.D

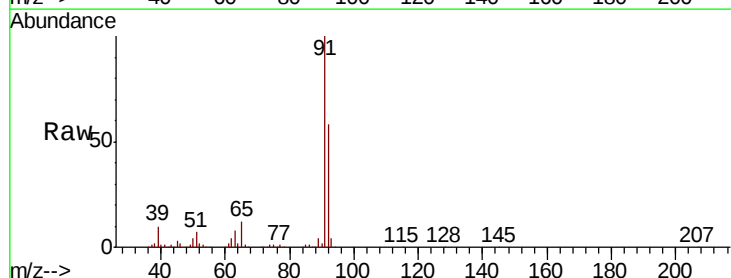
Acq: 25 Mar 2020 21:19

Tgt Ion: 92 Resp: 215841

Ion Ratio Lower Upper

92 100

91 172.4 138.6 208.0



Abundance Ion 92.00 (91.70 to 92.70): VY001845.D (-1386) (-)

Ion 91.00 (90.70 to 91.70): VY001845.D (-1386) (-)

10.26

250000

200000

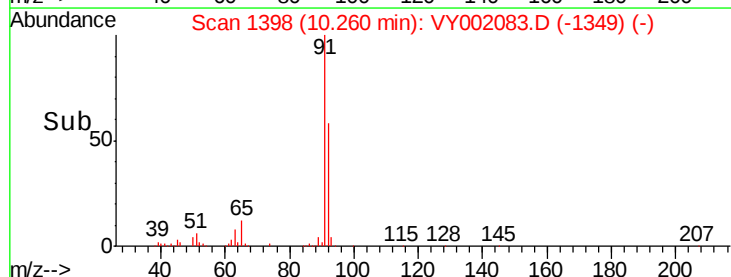
150000

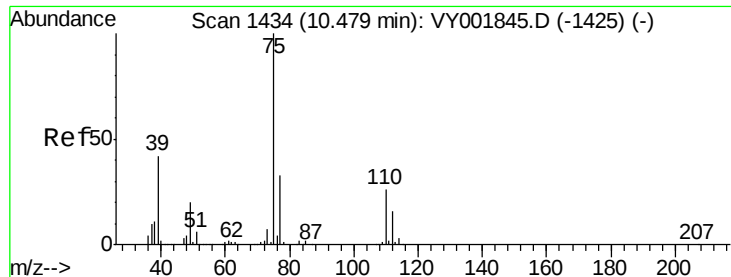
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 55.470 ug/l

RT: 10.49 min Scan# 1435

Delta R.T. 0.01 min

Lab File: VY002083.D

Acq: 25 Mar 2020 21:19

Instrument :

MSVOA_Y

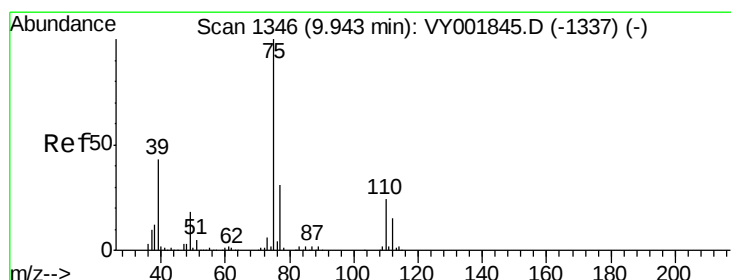
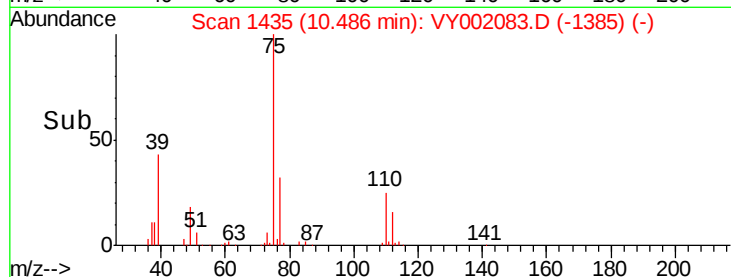
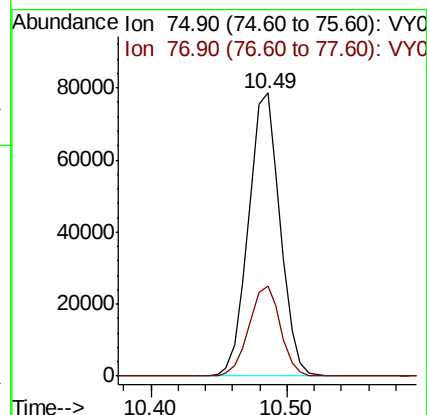
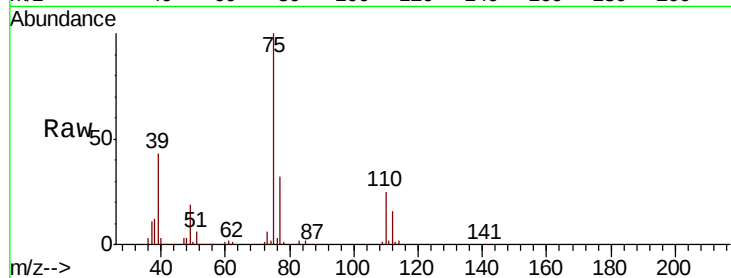
ClientSampleId :

Tot Ion: 75 Resp: 127732

Ion Ratio Lower Upper

75 100

77 31.9 26.3 39.5



#54

cis-1,3-Dichloropropene

Concen: 53.562 ug/l

RT: 9.95 min Scan# 1347

Delta R.T. 0.01 min

Lab File: VY002083.D

Acq: 25 Mar 2020 21:19

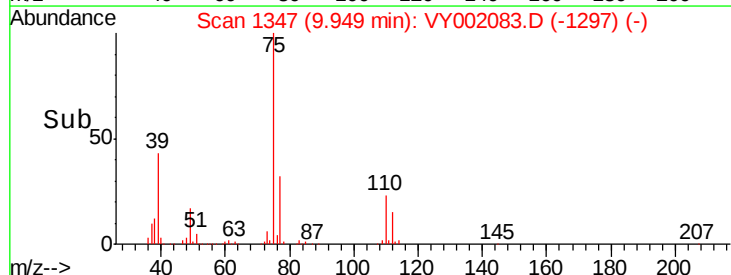
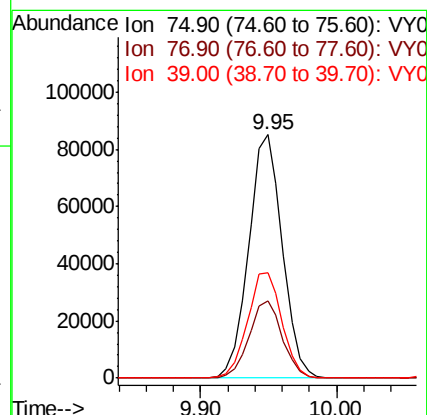
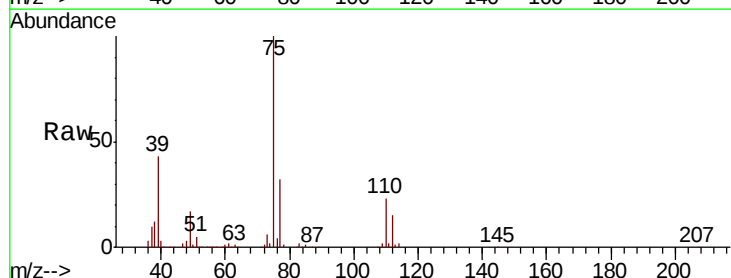
Tgt Ion: 75 Resp: 146828

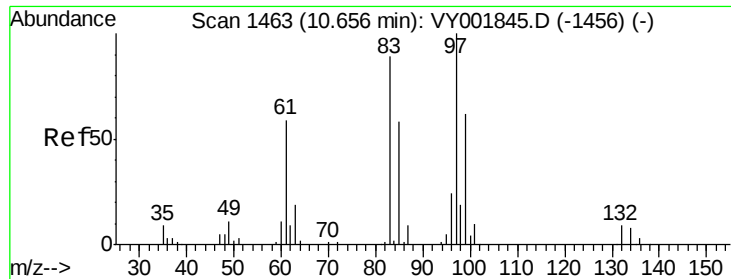
Ion Ratio Lower Upper

75 100

77 31.9 25.1 37.7

39 43.2 34.7 52.1

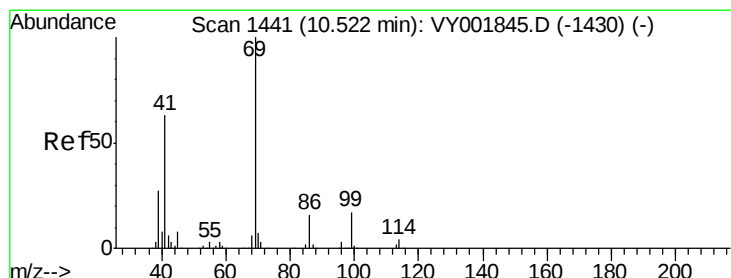
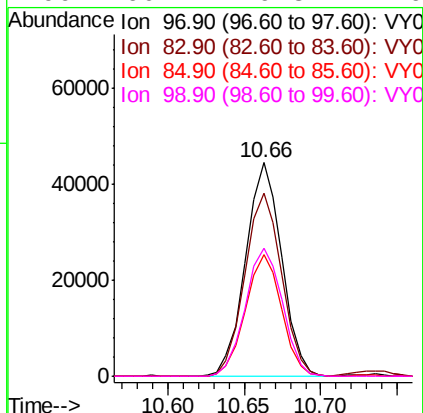
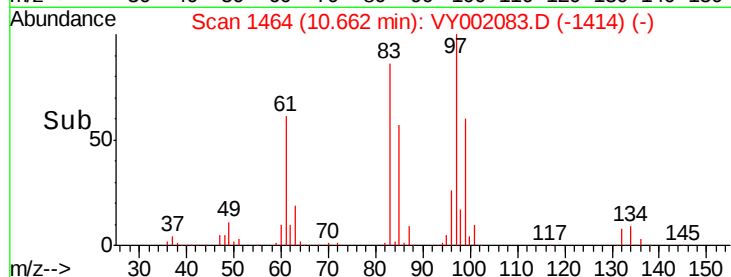
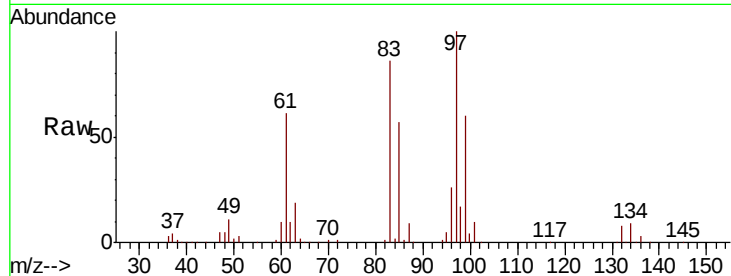




#55
 1,1,2-Trichloroethane
 Concen: 54.904 ug/l
 RT: 10.66 min Scan# 1464
 Delta R.T. 0.01 min
 Lab File: VY002083.D
 Acq: 25 Mar 2020 21:19

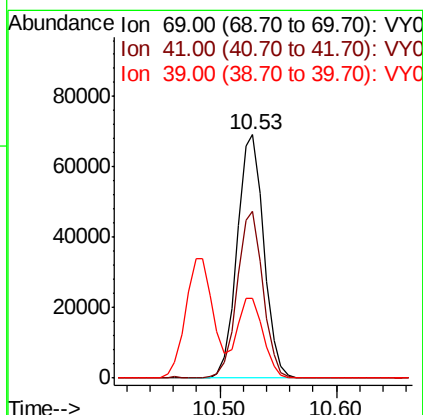
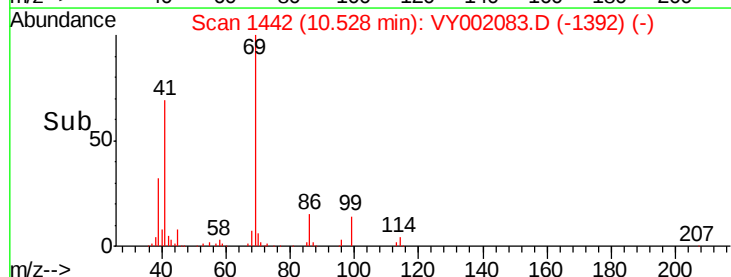
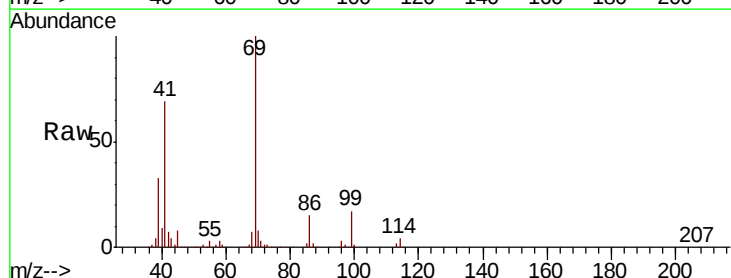
Instrument :
 MSVOA_Y
 ClientSampleId :

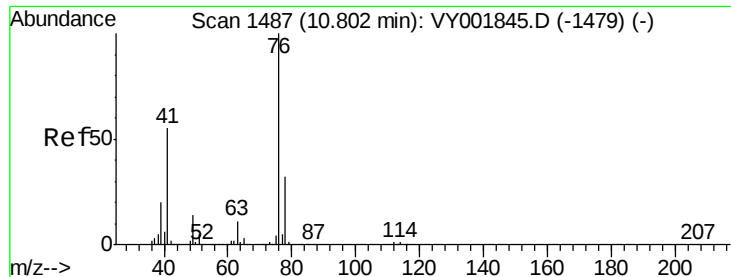
Tot Ion:	97	Resp:	73008
Ion	Ratio	Lower	Upper
97	100		
83	85.8	71.6	107.4
85	56.7	46.6	69.8
99	60.1	49.8	74.6



#56
 Ethyl methacrylate
 Concen: 56.611 ug/l
 RT: 10.53 min Scan# 1442
 Delta R.T. 0.01 min
 Lab File: VY002083.D
 Acq: 25 Mar 2020 21:19

Tgt Ion:	69	Resp:	110338
Ion	Ratio	Lower	Upper
69	100		
41	66.3	49.9	74.9
39	32.3	23.0	34.6





#57

1,3-Dichloropropane

Concen: 54.875 ug/l

RT: 10.81 min Scan# 1488

Delta R.T. 0.01 min

Lab File: VY002083.D

Acq: 25 Mar 2020 21:19

Instrument :

MSVOA_Y

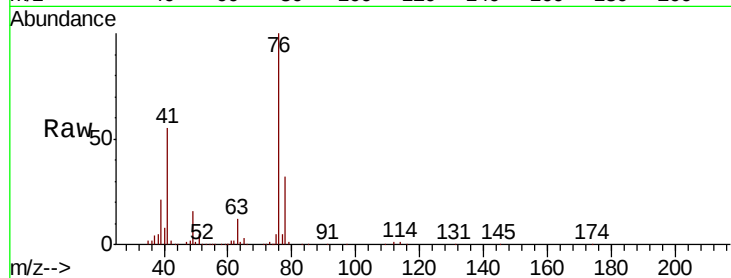
ClientSampled :

Tot Ion: 76 Resp: 130069

Ion Ratio Lower Upper

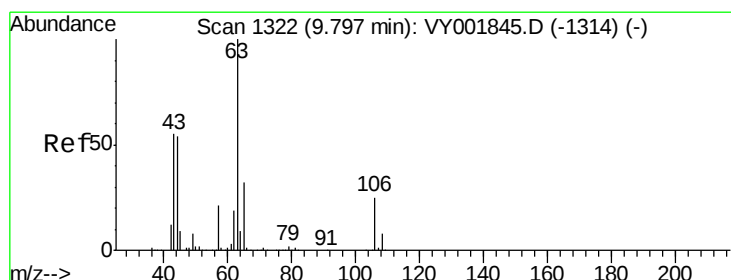
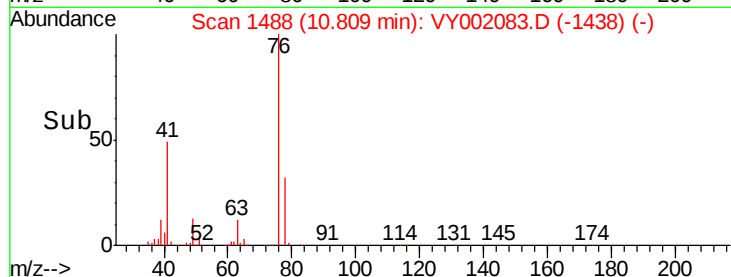
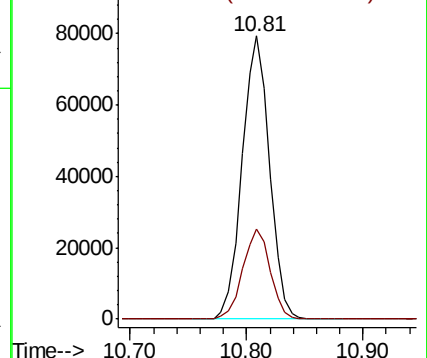
76 100

78 32.0 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#58

2-Chloroethyl Vinyl ether

Concen: 263.544 ug/l

RT: 9.80 min Scan# 1323

Delta R.T. 0.01 min

Lab File: VY002083.D

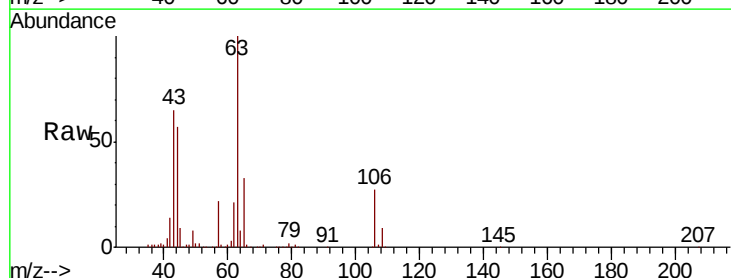
Acq: 25 Mar 2020 21:19

Tgt Ion: 63 Resp: 178379

Ion Ratio Lower Upper

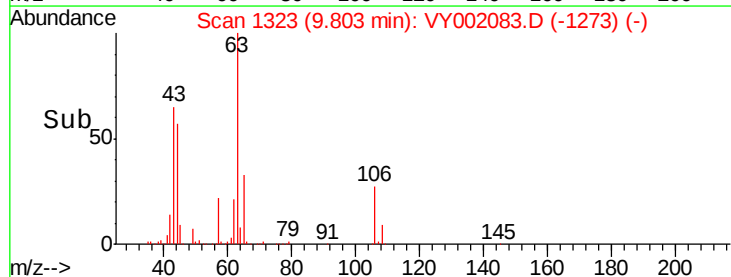
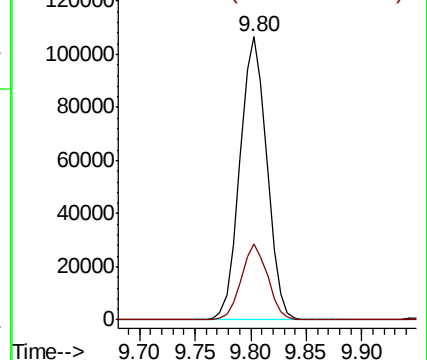
63 100

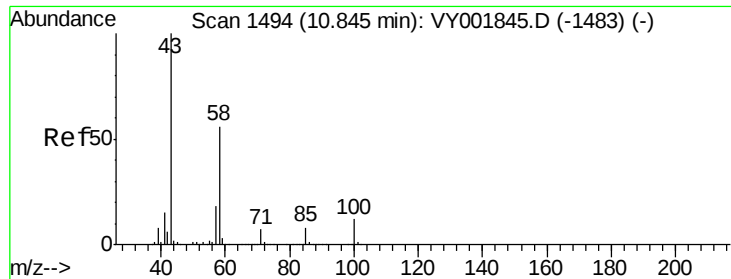
106 26.2 21.3 31.9



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

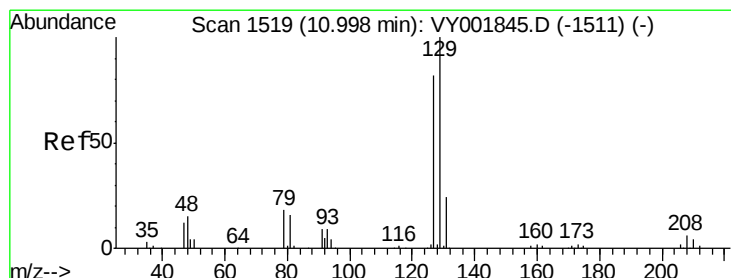
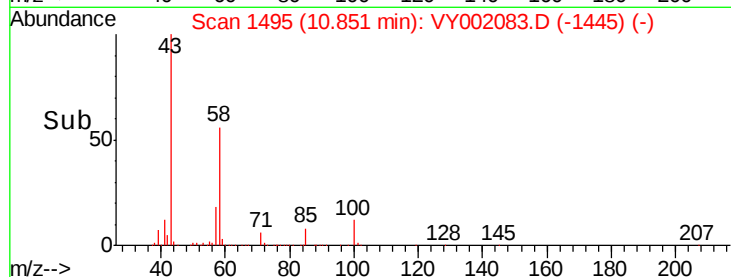
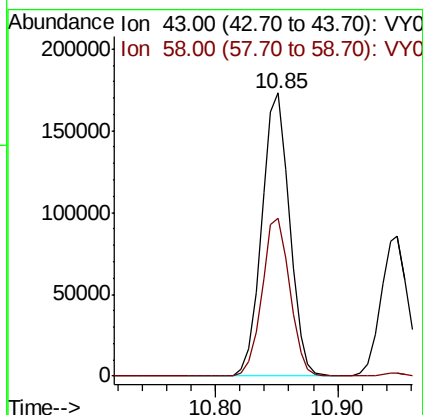
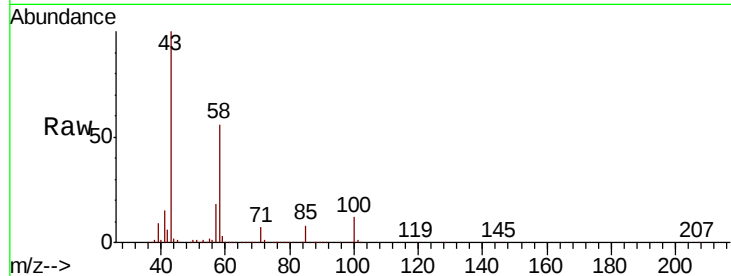




#59
2-Hexanone
Concen: 286.280 ug/l
RT: 10.85 min Scan# 1495
Delta R.T. 0.01 min
Lab File: VY002083.D
Acq: 25 Mar 2020 21:19

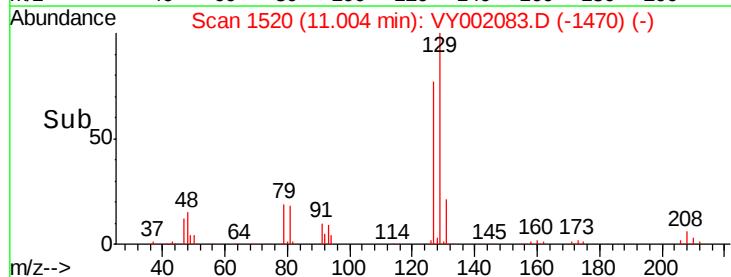
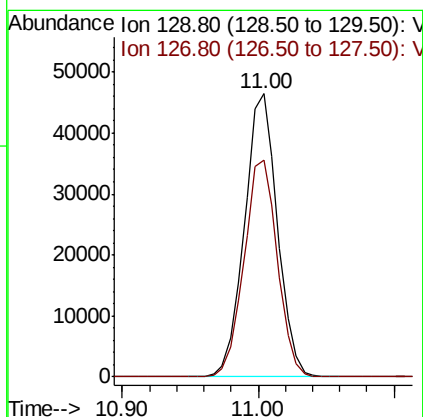
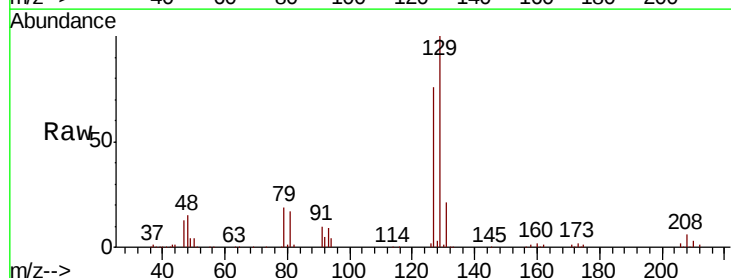
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 43 Resp: 274050
Ion Ratio Lower Upper
43 100
58 55.9 28.1 84.3



#60
Dibromochloromethane
Concen: 56.260 ug/l
RT: 11.00 min Scan# 1520
Delta R.T. 0.01 min
Lab File: VY002083.D
Acq: 25 Mar 2020 21:19

Tgt Ion:129 Resp: 78830
Ion Ratio Lower Upper
129 100
127 77.4 39.0 117.0

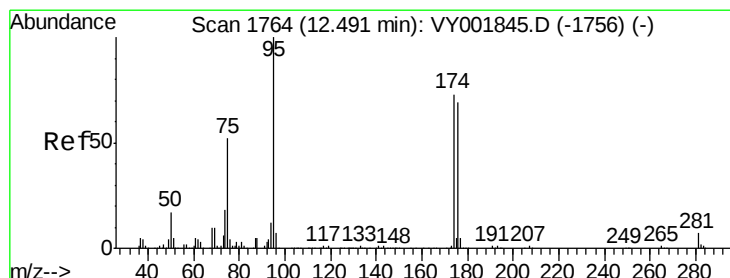
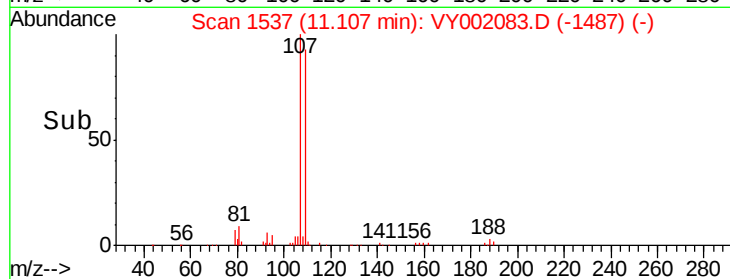
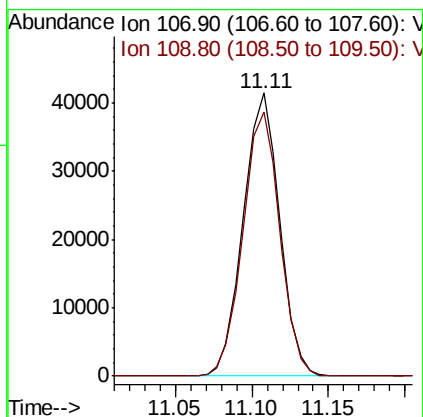
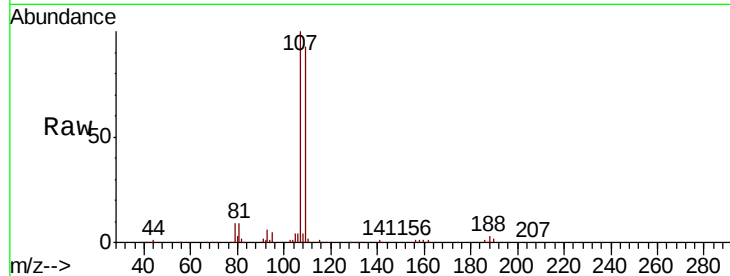




#61
 1,2-Dibromoethane
 Concen: 54.528 ug/l
 RT: 11.11 min Scan# 1537
 Delta R.T. 0.01 min
 Lab File: VY002083.D
 Acq: 25 Mar 2020 21:19

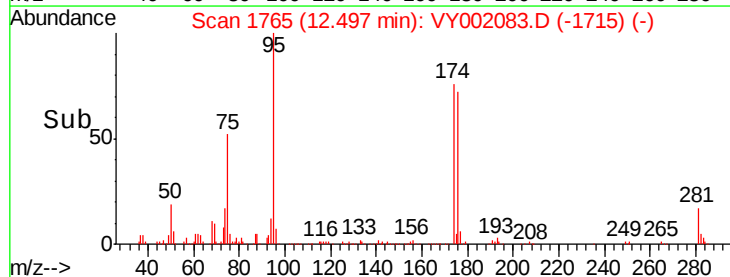
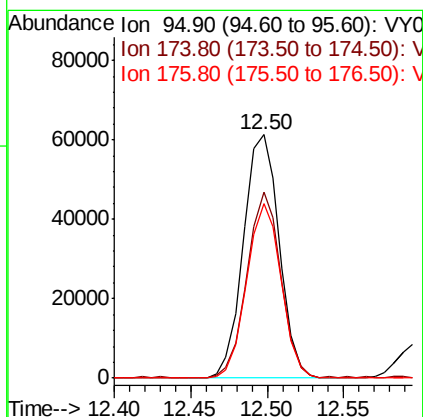
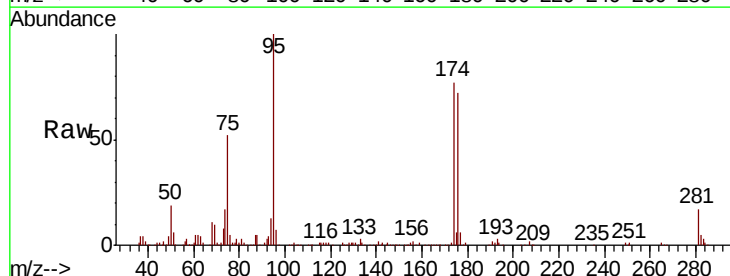
Instrument :
 MSVOA_Y
 ClientSampleId :

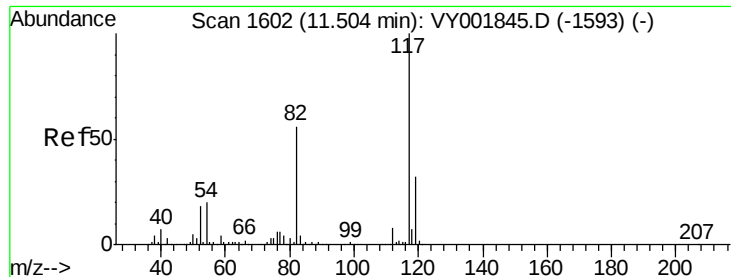
Tot Ion:107 Resp: 68683
 Ion Ratio Lower Upper
 107 100
 109 94.5 75.4 113.0



#62
 4-Bromofluorobenzene
 Concen: 50.561 ug/l
 RT: 12.50 min Scan# 1765
 Delta R.T. 0.01 min
 Lab File: VY002083.D
 Acq: 25 Mar 2020 21:19

Tgt Ion: 95 Resp: 99544
 Ion Ratio Lower Upper
 95 100
 174 72.6 0.0 145.0
 176 69.0 0.0 137.4

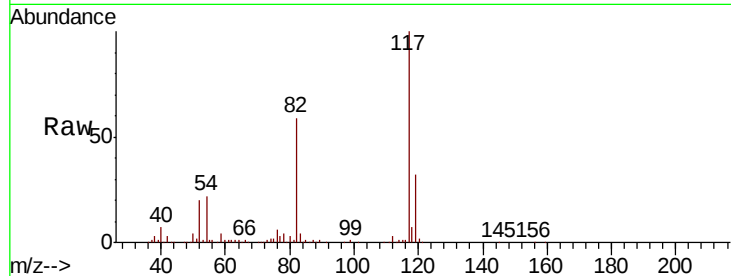




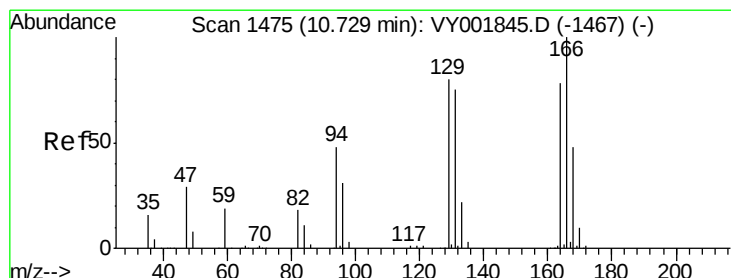
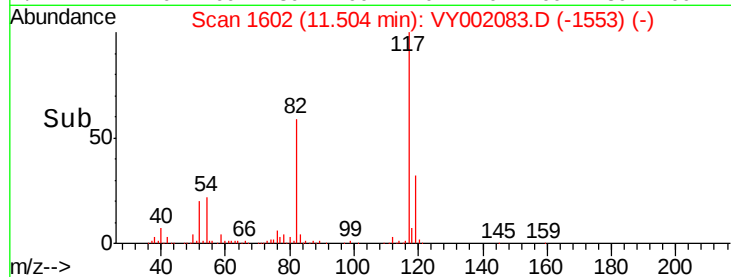
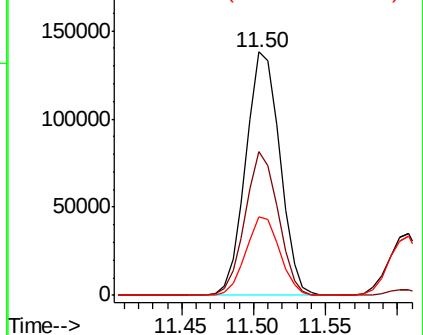
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.00 min
Lab File: VY002083.D
Acq: 25 Mar 2020 21:19

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
117	100		
82	59.2	44.5	66.7
119	32.4	25.7	38.5



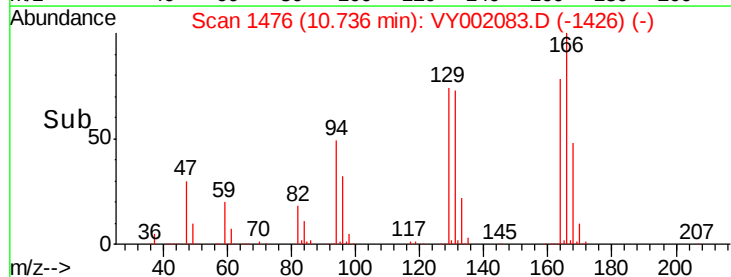
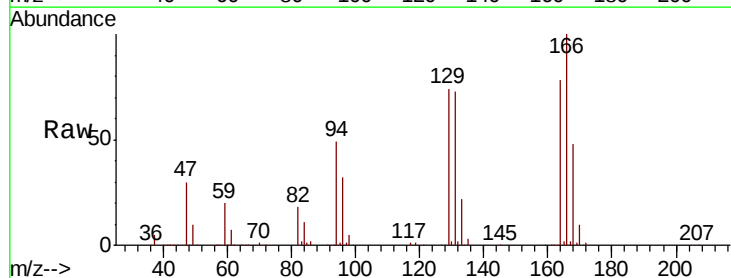
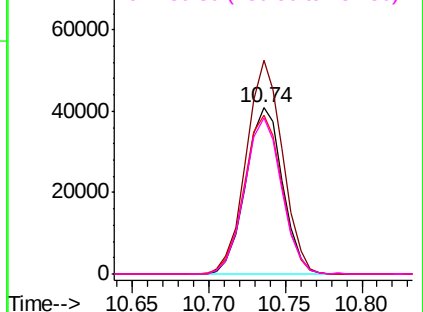
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

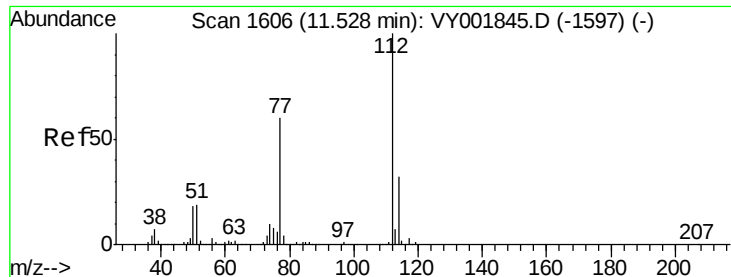


#64
Tetrachloroethene
Concen: 48.206 ug/l
RT: 10.74 min Scan# 1476
Delta R.T. 0.01 min
Lab File: VY002083.D
Acq: 25 Mar 2020 21:19

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.8	102.6	154.0
129	95.6	82.3	123.5
131	94.1	77.4	116.0

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

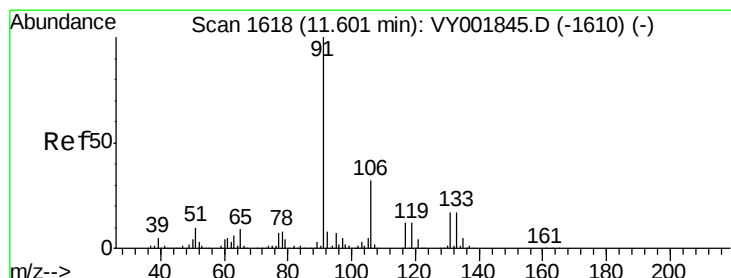
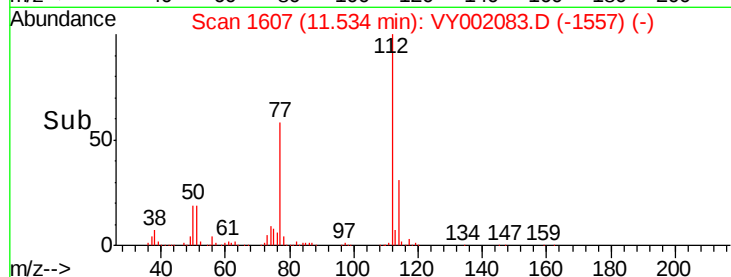
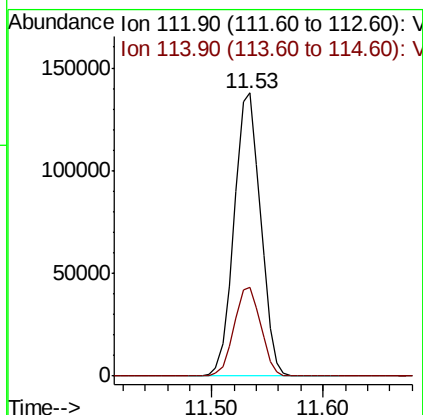
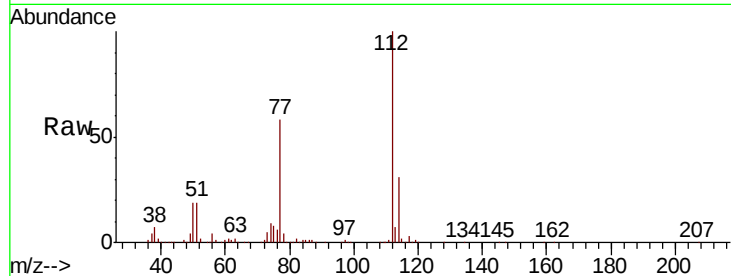




#65
Chlorobenzene
Concen: 50.269 ug/l
RT: 11.53 min Scan# 1607
Delta R.T. 0.01 min
Lab File: VY002083.D
Acq: 25 Mar 2020 21:19

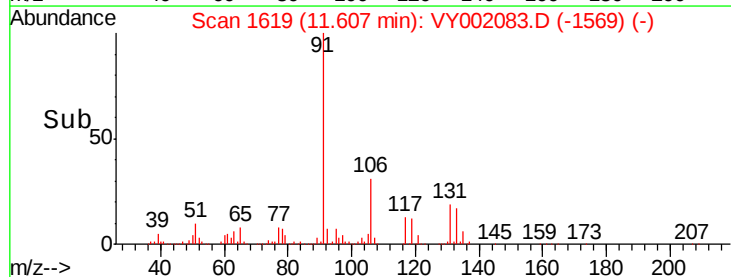
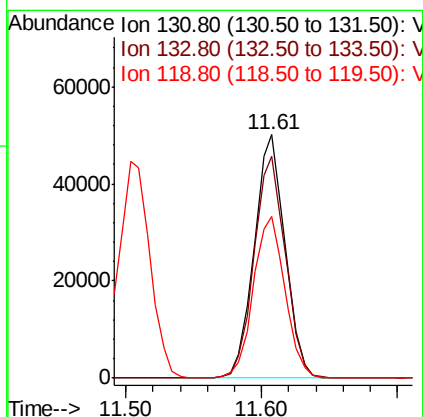
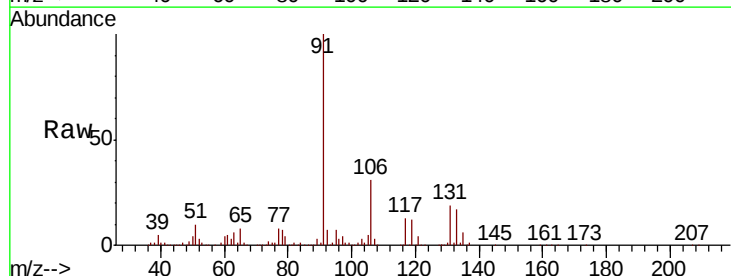
Instrument :
MSVOA_Y
ClientSampleId :

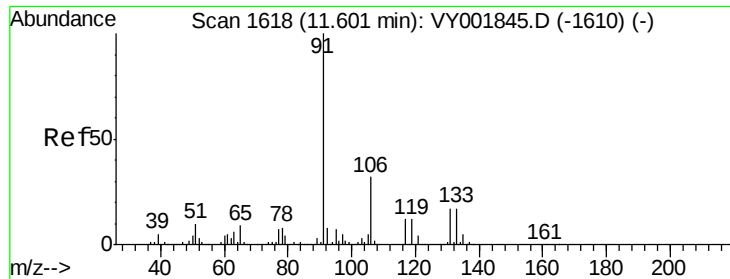
Tot Ion:112 Resp: 226693
Ion Ratio Lower Upper
112 100
114 31.5 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 54.020 ug/l
RT: 11.61 min Scan# 1619
Delta R.T. 0.01 min
Lab File: VY002083.D
Acq: 25 Mar 2020 21:19

Tgt Ion:131 Resp: 79888
Ion Ratio Lower Upper
131 100
133 92.5 47.1 141.3
119 68.3 34.5 103.6

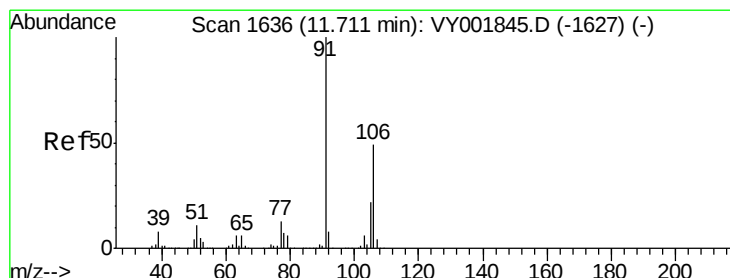
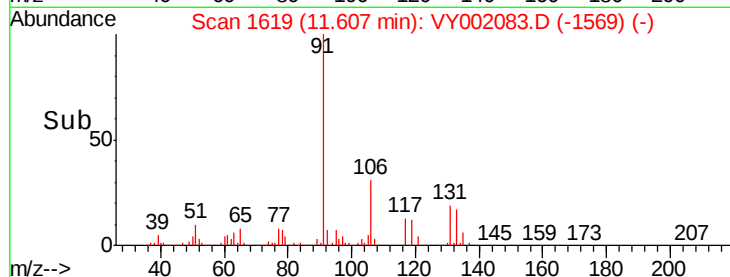
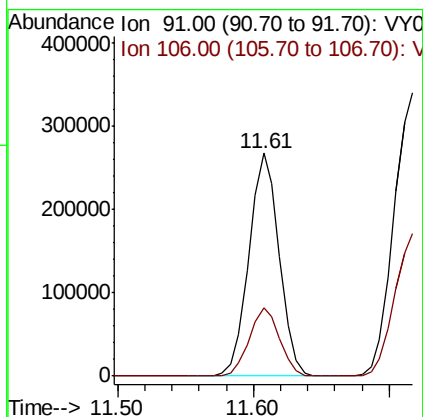
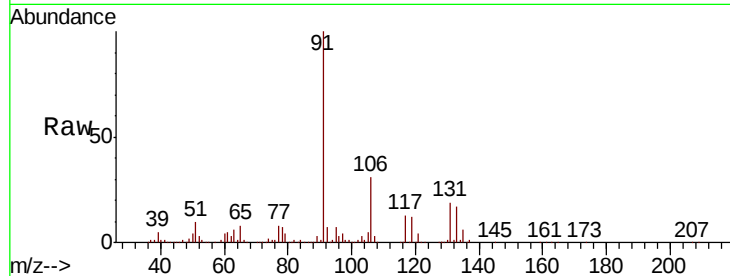




#67
Ethyl Benzene
Concen: 49.574 ug/l
RT: 11.61 min Scan# 1619
Delta R.T. 0.01 min
Lab File: VY002083.D
Acq: 25 Mar 2020 21:19

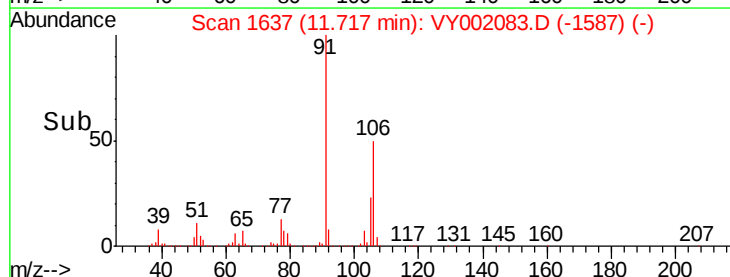
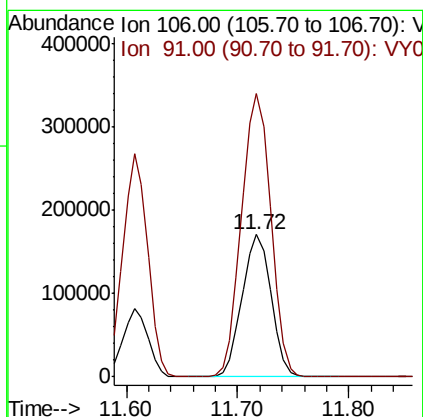
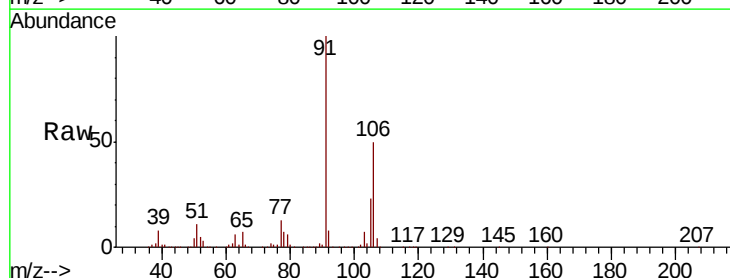
Instrument :
MSVOA_Y
ClientSampleId :

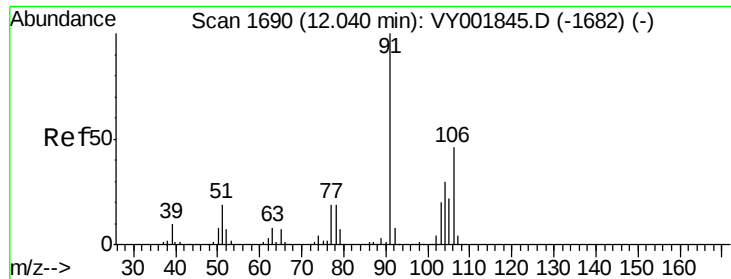
Tot Ion: 91 Resp: 416936
Ion Ratio Lower Upper
91 100
106 30.7 25.4 38.2



#68
m/p-Xylenes
Concen: 100.155 ug/l
RT: 11.72 min Scan# 1637
Delta R.T. 0.01 min
Lab File: VY002083.D
Acq: 25 Mar 2020 21:19

Tgt Ion: 106 Resp: 311424
Ion Ratio Lower Upper
106 100
91 200.6 161.3 241.9

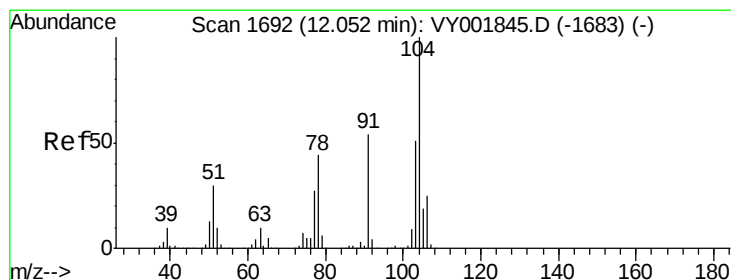
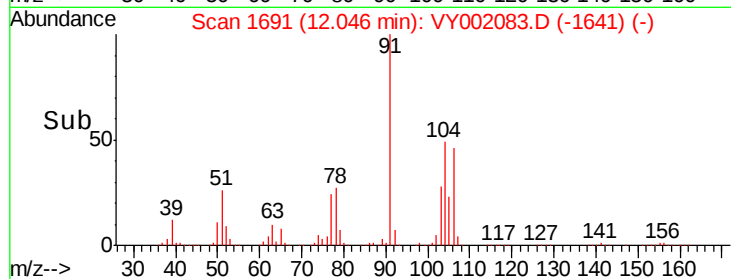
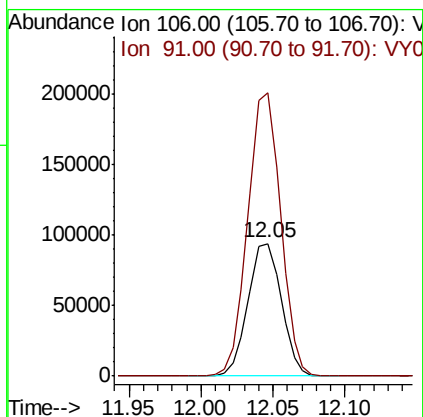
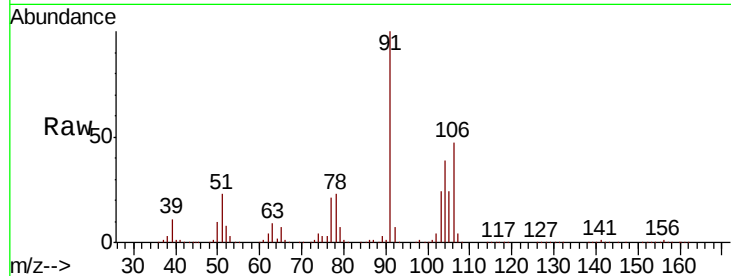




#69
o-Xylene
Concen: 51.606 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.01 min
Lab File: VY002083.D
Acq: 25 Mar 2020 21:19

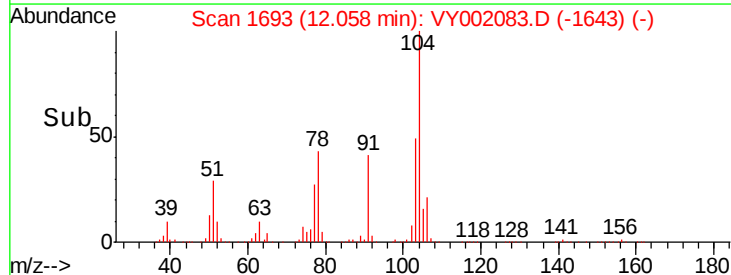
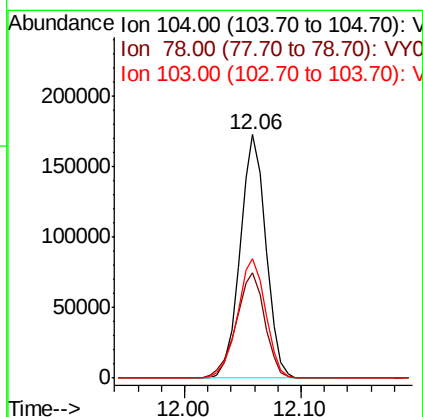
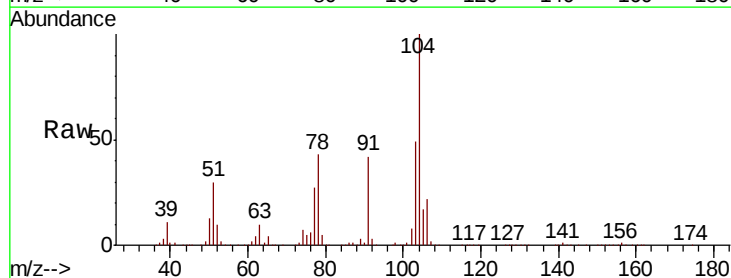
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:106 Resp: 151243
Ion Ratio Lower Upper
106 100
91 209.7 106.8 320.4



#70
Styrene
Concen: 53.037 ug/l
RT: 12.06 min Scan# 1693
Delta R.T. 0.01 min
Lab File: VY002083.D
Acq: 25 Mar 2020 21:19

Tgt Ion:104 Resp: 266219
Ion Ratio Lower Upper
104 100
78 48.2 38.5 57.7
103 53.8 42.9 64.3





#71

Bromoform

Concen: 56.330 ug/l

RT: 12.22 min Scan# 1720

Delta R.T. 0.00 min

Lab File: VY002083.D

Acq: 25 Mar 2020 21:19

Instrument :

MSVOA_Y

ClientSampleId :

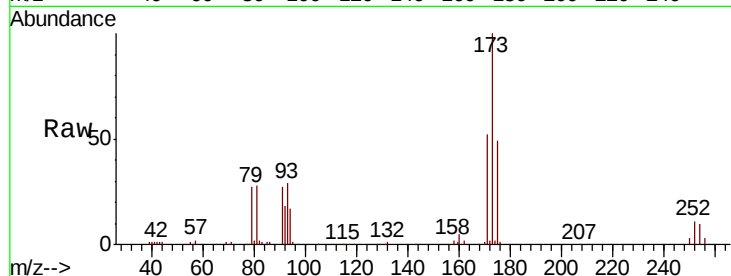
Tot Ion:173 Resp: 45177

Ion Ratio Lower Upper

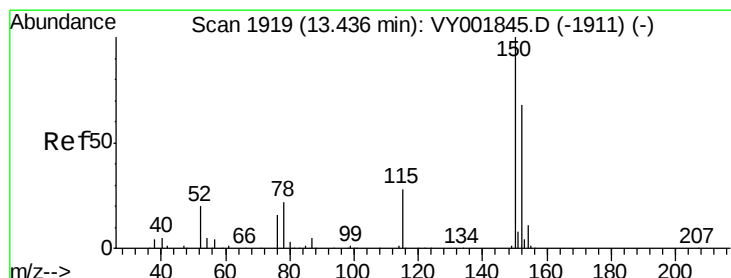
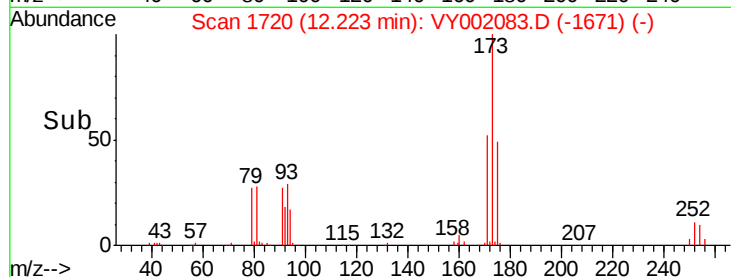
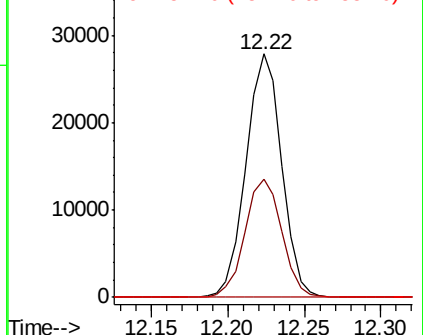
173 100

175 50.4 24.3 72.8

254 0.0 0.0 0.0



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.44 min Scan# 1920

Delta R.T. 0.01 min

Lab File: VY002083.D

Acq: 25 Mar 2020 21:19

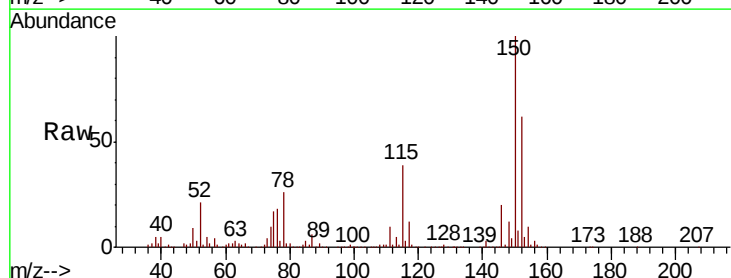
Tgt Ion:152 Resp: 111195

Ion Ratio Lower Upper

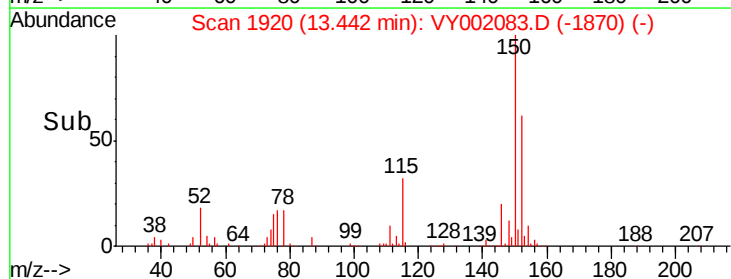
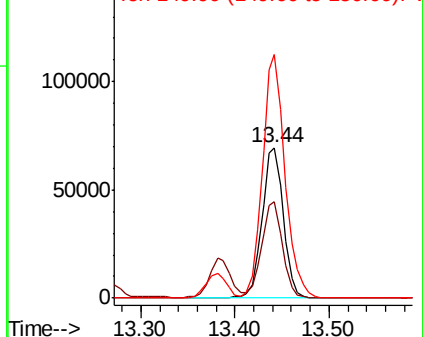
152 100

115 62.1 29.9 89.7

150 169.7 0.0 340.6



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

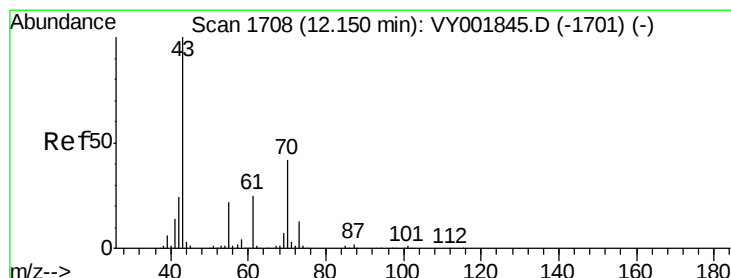
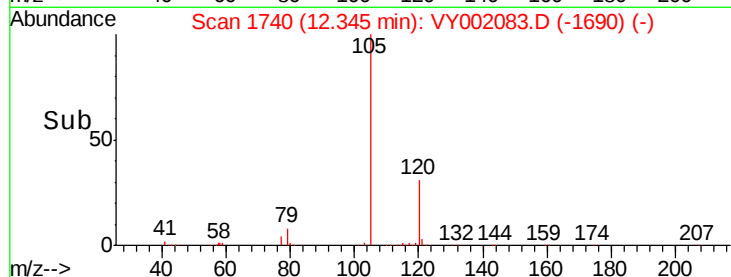
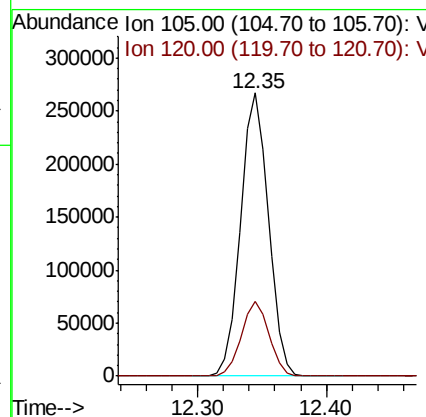
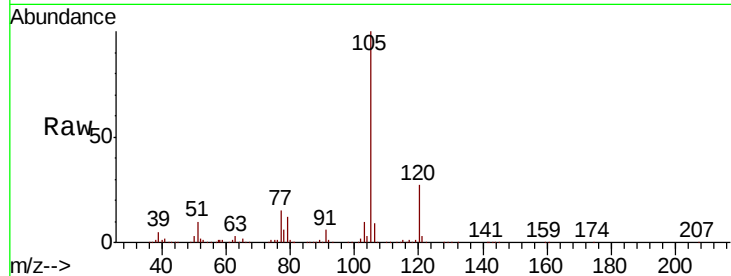




#73
Isopropylbenzene
Concen: 47.056 ug/l
RT: 12.35 min Scan# 1740
Delta R.T. 0.01 min
Lab File: VY002083.D
Acq: 25 Mar 2020 21:19

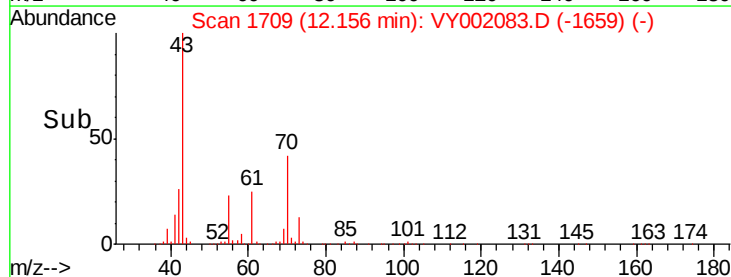
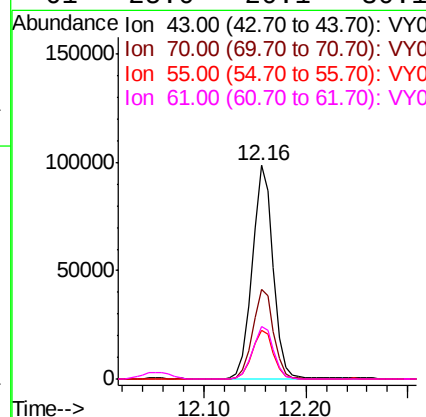
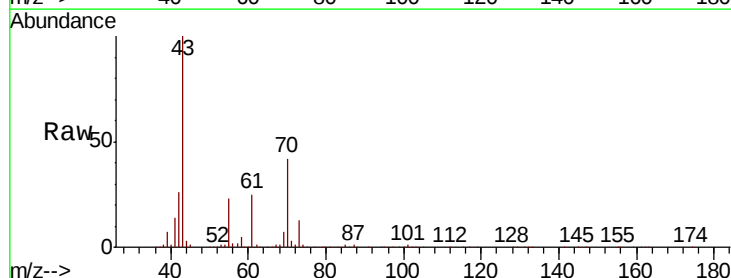
Instrument :
MSVOA_Y
ClientSampleId :

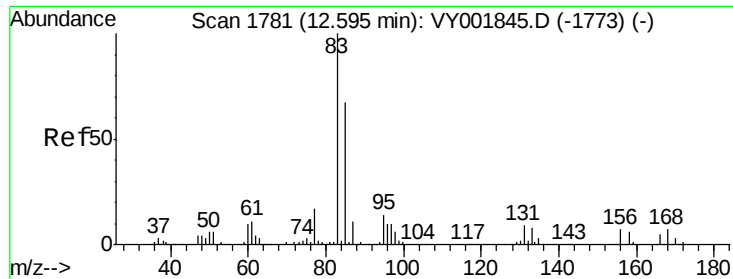
Tot Ion:105 Resp: 399424
Ion Ratio Lower Upper
105 100
120 26.3 13.1 39.3



#74
N-ethyl acetate
Concen: 53.694 ug/l
RT: 12.16 min Scan# 1709
Delta R.T. 0.01 min
Lab File: VY002083.D
Acq: 25 Mar 2020 21:19

Tgt Ion: 43 Resp: 140077
Ion Ratio Lower Upper
43 100
70 42.5 34.7 52.1
55 23.5 18.2 27.4
61 25.0 20.1 30.1





#75

1,1,2,2-Tetrachloroethane

Concen: 51.611 ug/l

RT: 12.59 min Scan# 1781

Delta R.T. 0.00 min

Lab File: VY002083.D

Acq: 25 Mar 2020 21:19

Instrument :

MSVOA_Y

ClientSampleId :

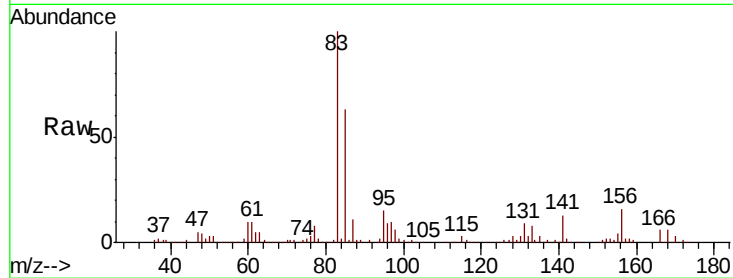
Tot Ion: 83 Resp: 94473

Ion Ratio Lower Upper

83 100

131 9.9 4.6 13.8

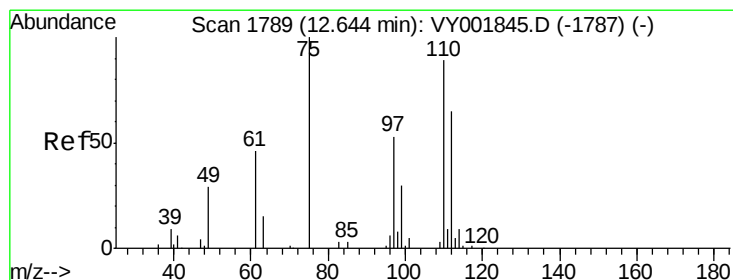
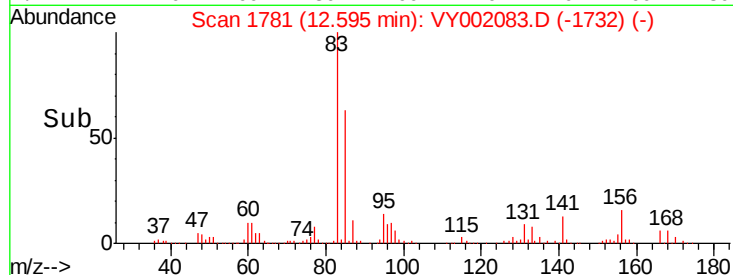
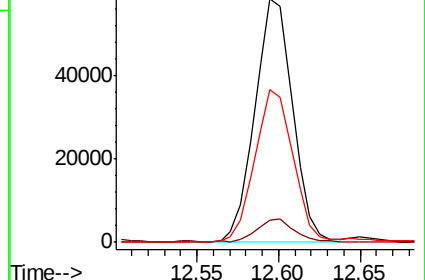
85 63.5 32.1 96.3



Abundance Ion 82.90 (82.60 to 83.60): VY001845.D (-1773) (-)

Ion 130.80 (130.50 to 131.50): VY001845.D (-1773) (-)

Ion 84.90 (84.60 to 85.60): VY001845.D (-1773) (-)



#76

1,2,3-Trichloropropane

Concen: 91.582 ug/l

RT: 12.65 min Scan# 1790

Delta R.T. 0.01 min

Lab File: VY002083.D

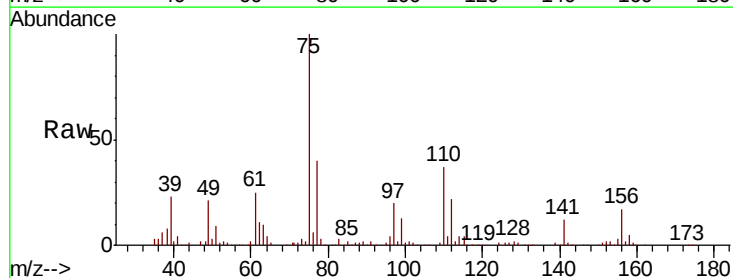
Acq: 25 Mar 2020 21:19

Tgt Ion: 75 Resp: 120833

Ion Ratio Lower Upper

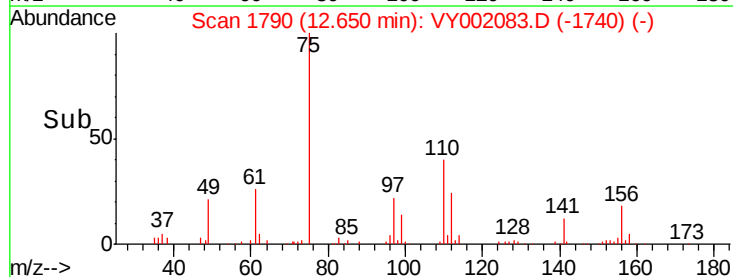
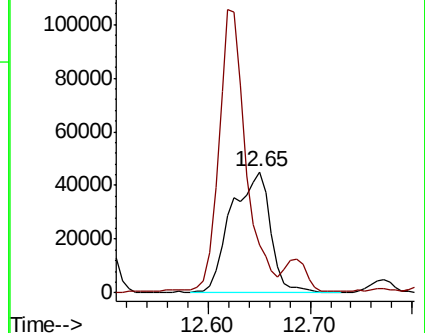
75 100

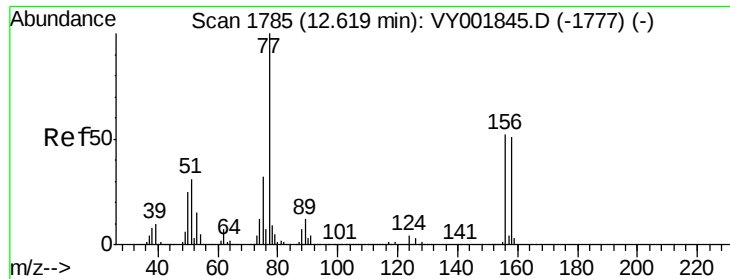
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY001845.D (-1787) (-)

Ion 77.00 (76.70 to 77.70): VY001845.D (-1787) (-)





#77

Bromobenzene

Concen: 84.329 ug/l

RT: 12.63 min Scan# 1786

Delta R.T. 0.01 min

Lab File: VY002083.D

Acq: 25 Mar 2020 21:19

Instrument :

MSVOA_Y

ClientSampled :

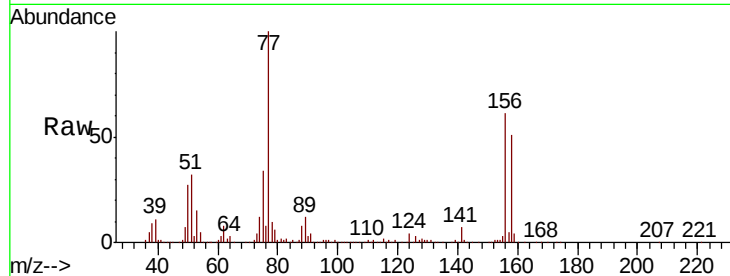
Tot Ion:156 Resp: 151658

Ion Ratio Lower Upper

156 100

77 129.7 109.0 327.0

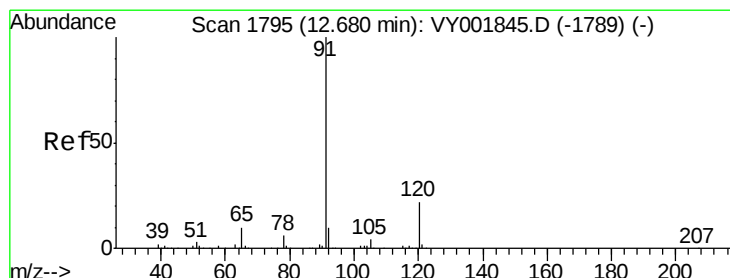
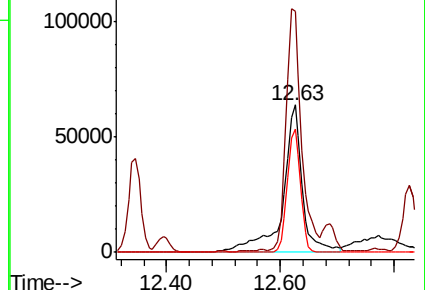
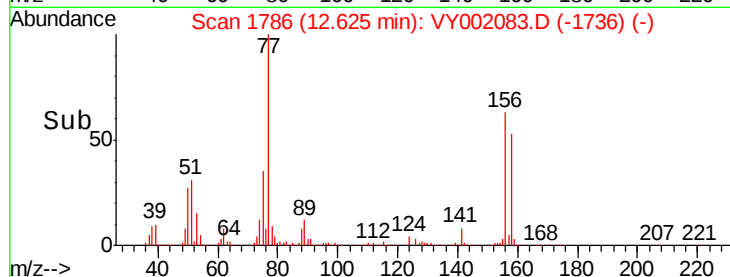
158 56.2 48.9 146.8



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: 47.267 ug/l

RT: 12.69 min Scan# 1796

Delta R.T. 0.01 min

Lab File: VY002083.D

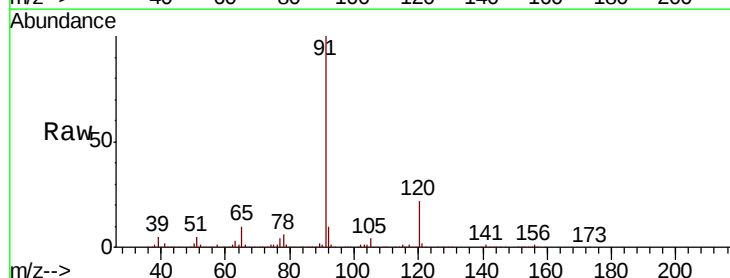
Acq: 25 Mar 2020 21:19

Tgt Ion: 91 Resp: 494991

Ion Ratio Lower Upper

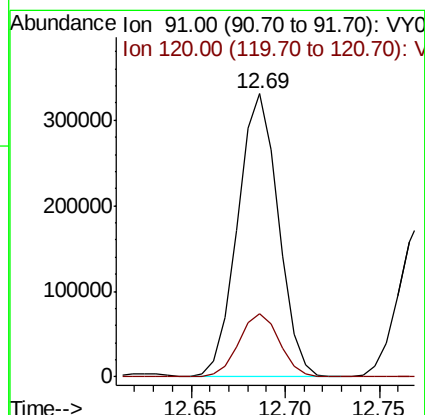
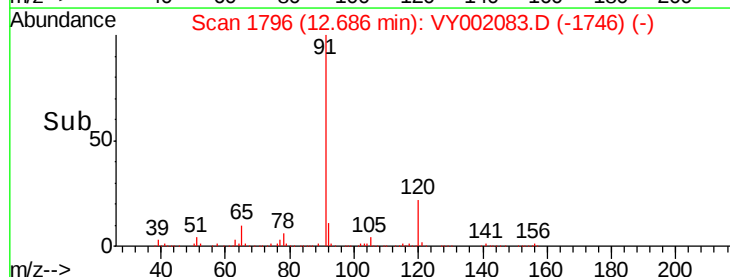
91 100

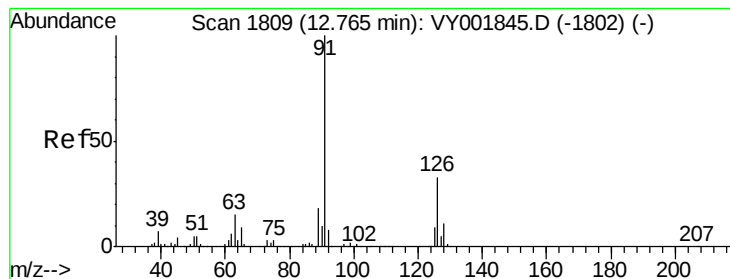
120 22.1 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 48.031 ug/l

RT: 12.77 min Scan# 1810

Delta R.T. 0.01 min

Lab File: VY002083.D

Acq: 25 Mar 2020 21:19

Instrument :

MSVOA_Y

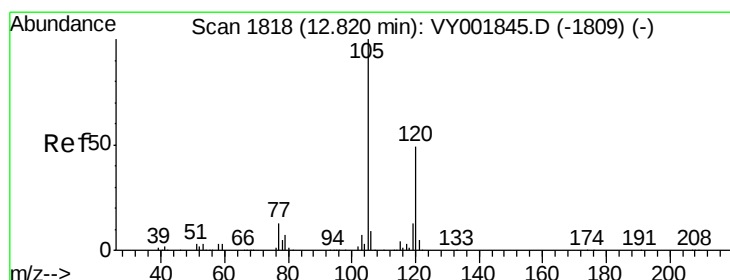
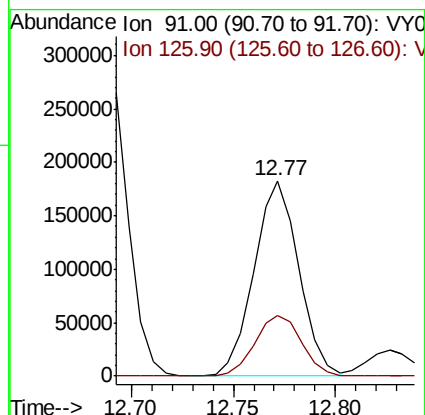
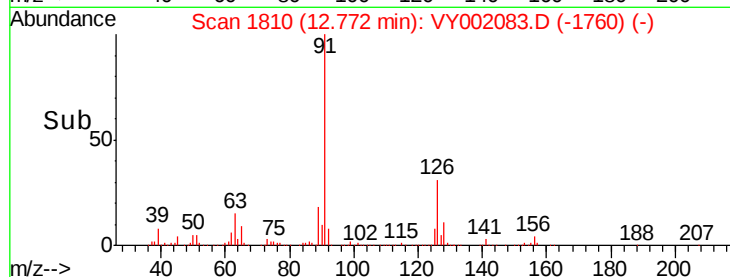
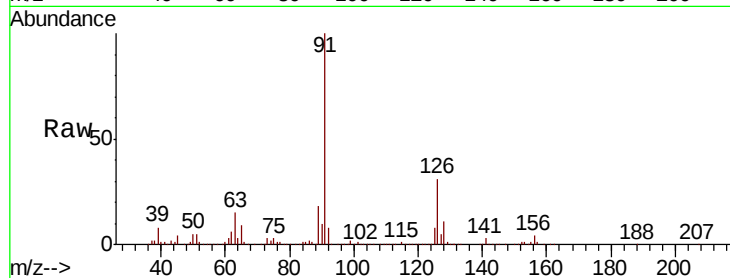
ClientSampleId :

Tot Ion: 91 Resp: 277893

Ion Ratio Lower Upper

91 100

126 32.8 16.3 48.8



#80

1,3,5-Trimethylbenzene

Concen: 47.722 ug/l

RT: 12.83 min Scan# 1819

Delta R.T. 0.01 min

Lab File: VY002083.D

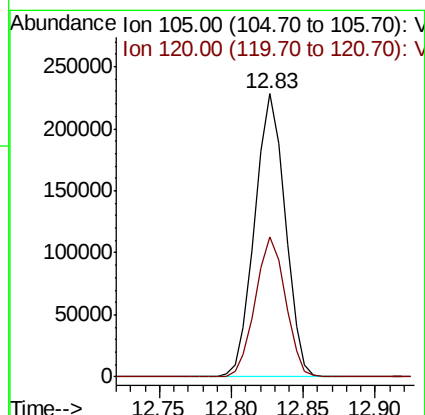
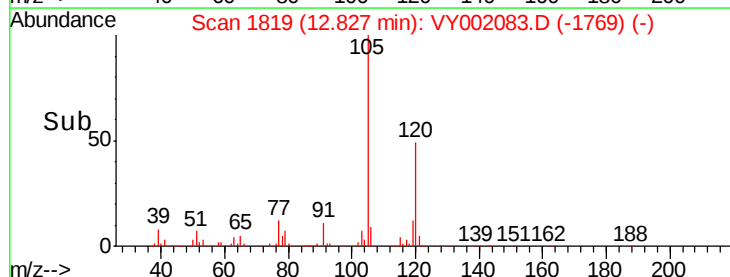
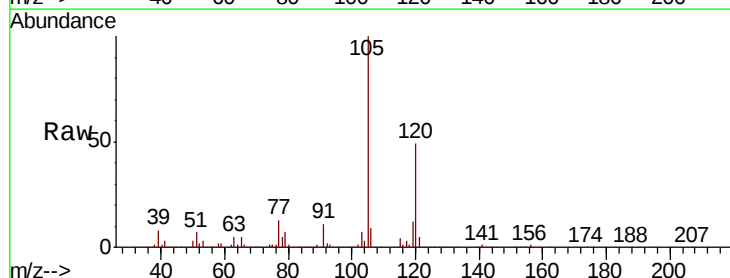
Acq: 25 Mar 2020 21:19

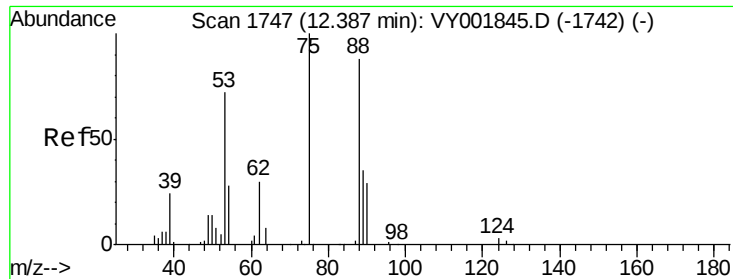
Tgt Ion: 105 Resp: 333482

Ion Ratio Lower Upper

105 100

120 48.8 24.4 73.2

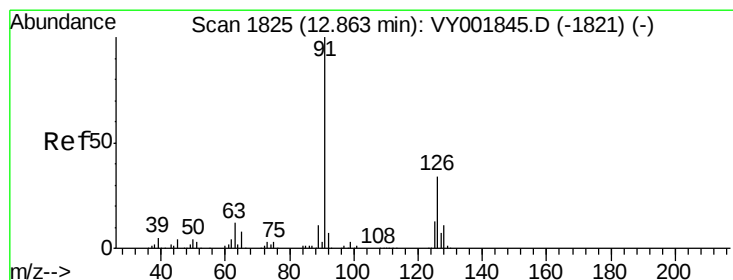
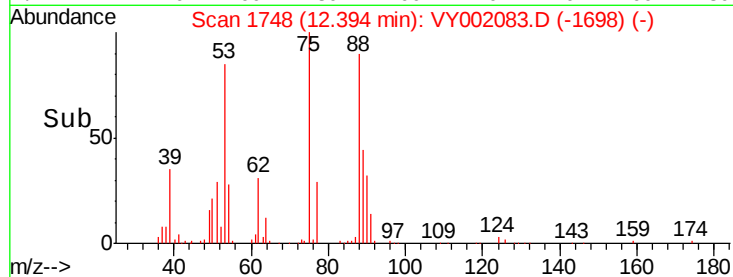
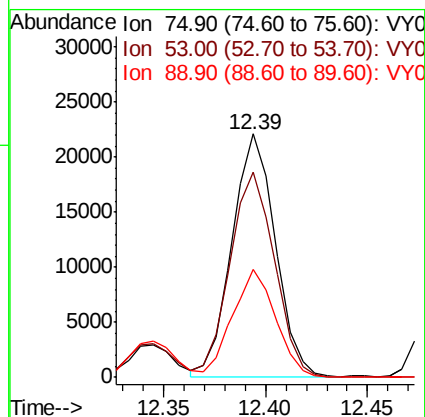
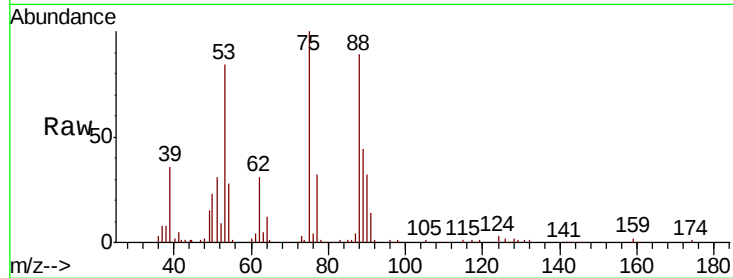




#81
trans-1,4-Dichloro-2-butene
Concen: 49.715 ug/l
RT: 12.39 min Scan# 1748
Delta R.T. 0.01 min
Lab File: VY002083.D
Acq: 25 Mar 2020 21:19

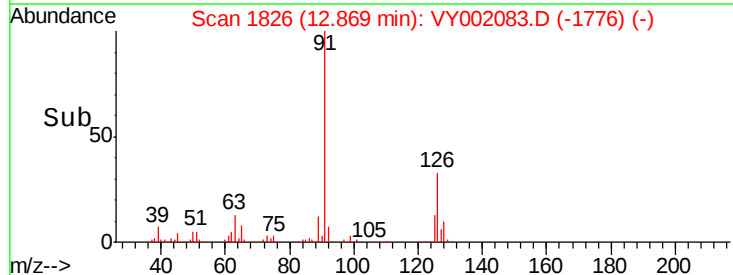
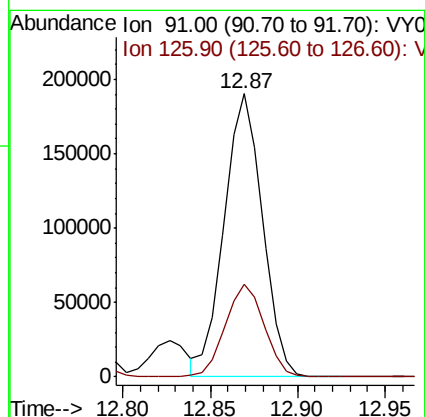
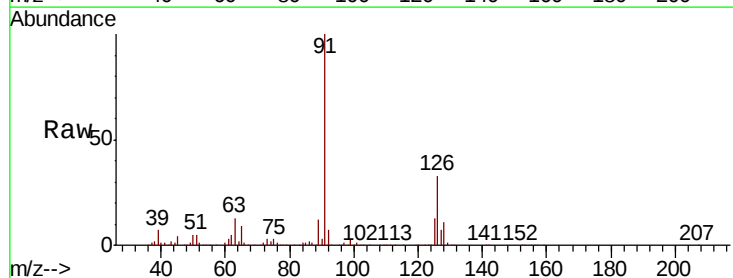
Instrument :
MSVOA_Y
ClientSampled :

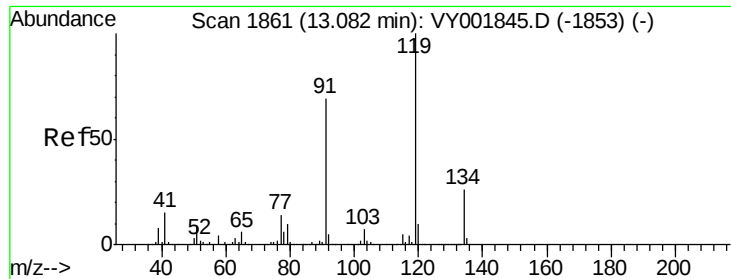
Tot Ion: 75 Resp: 32473
Ion Ratio Lower Upper
75 100
53 87.4 65.4 98.0
89 44.2 36.0 54.0



#82
4-Chlorotoluene
Concen: 48.146 ug/l
RT: 12.87 min Scan# 1826
Delta R.T. 0.01 min
Lab File: VY002083.D
Acq: 25 Mar 2020 21:19

Tgt Ion: 91 Resp: 290031
Ion Ratio Lower Upper
91 100
126 33.3 16.4 49.2

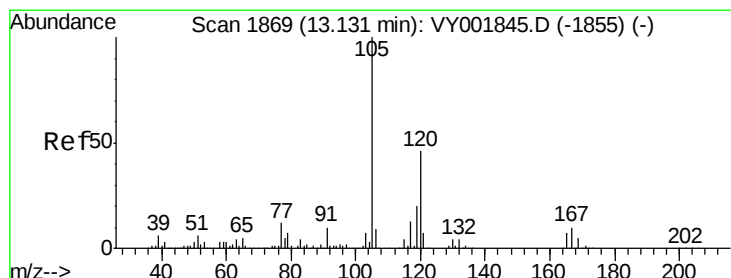
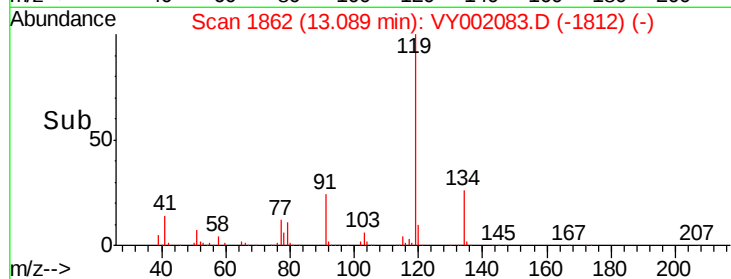
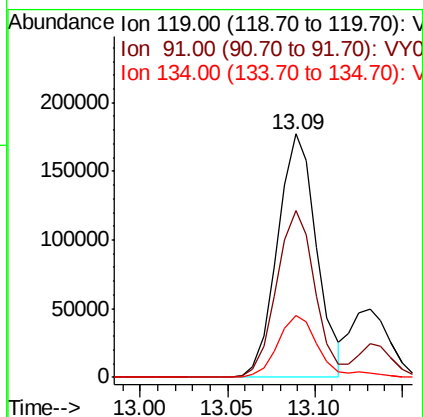
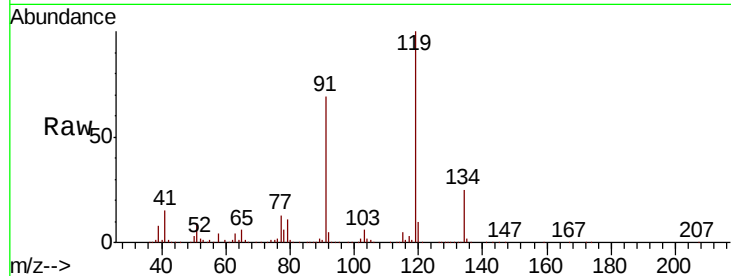




#83
tert-Butylbenzene
Concen: 47.771 ug/l
RT: 13.09 min Scan# 1862
Delta R.T. 0.01 min
Lab File: VY002083.D
Acq: 25 Mar 2020 21:19

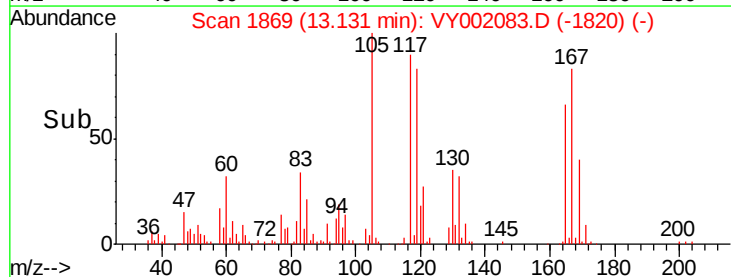
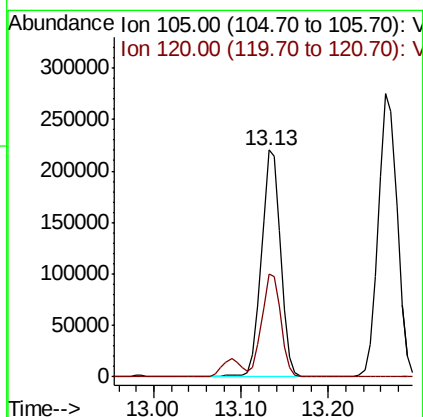
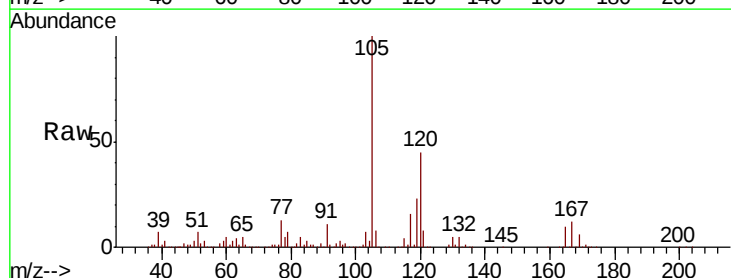
Instrument :
MSVOA_Y
ClientSampleId :

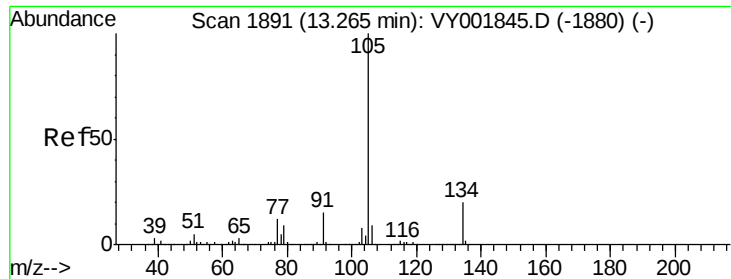
Tot Ion:119 Resp: 277262
Ion Ratio Lower Upper
119 100
91 68.2 34.0 101.8
134 27.0 13.5 40.4



#84
1,2,4-Trimethylbenzene
Concen: 48.546 ug/l
RT: 13.13 min Scan# 1869
Delta R.T. 0.00 min
Lab File: VY002083.D
Acq: 25 Mar 2020 21:19

Tgt Ion:105 Resp: 336666
Ion Ratio Lower Upper
105 100
120 45.1 22.6 67.7





#85

sec-Butylbenzene

Concen: 48.221 ug/l

RT: 13.27 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VY002083.D

Acq: 25 Mar 2020 21:19

Instrument :

MSVOA_Y

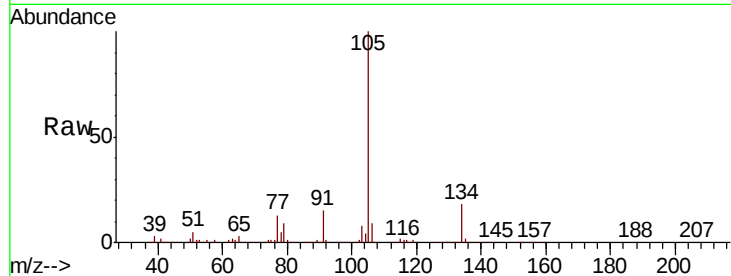
ClientSampleId :

Tot Ion:105 Resp: 412534

Ion Ratio Lower Upper

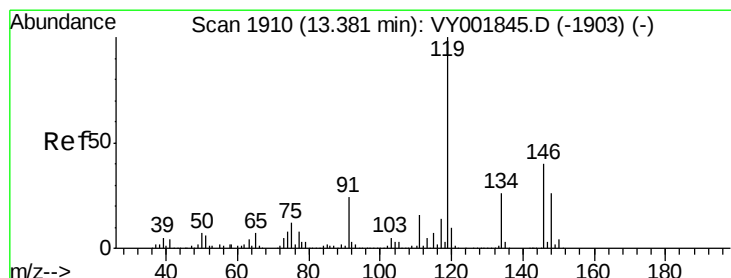
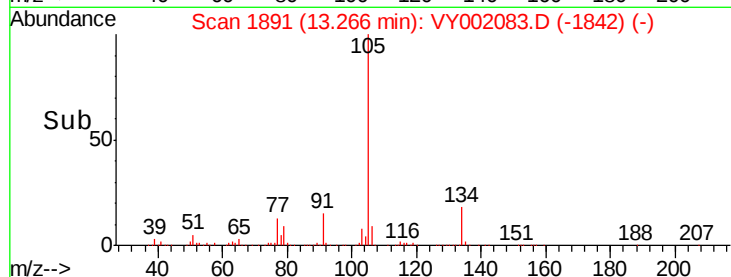
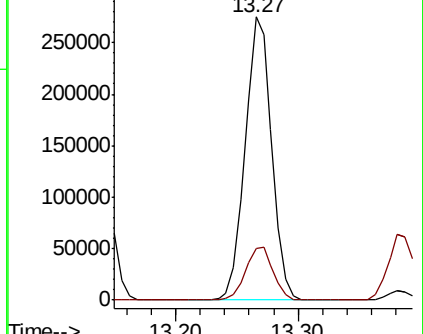
105 100

134 19.3 9.7 29.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 48.143 ug/l

RT: 13.38 min Scan# 1910

Delta R.T. 0.00 min

Lab File: VY002083.D

Acq: 25 Mar 2020 21:19

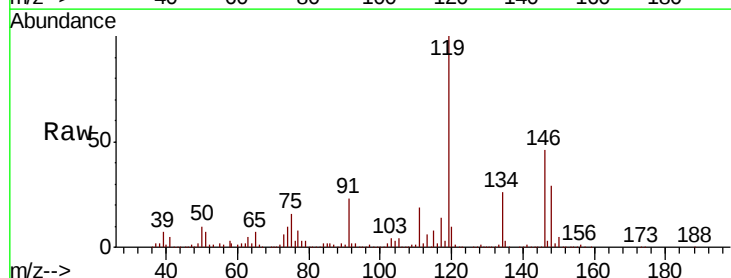
Tgt Ion:119 Resp: 355287

Ion Ratio Lower Upper

119 100

134 26.5 13.1 39.3

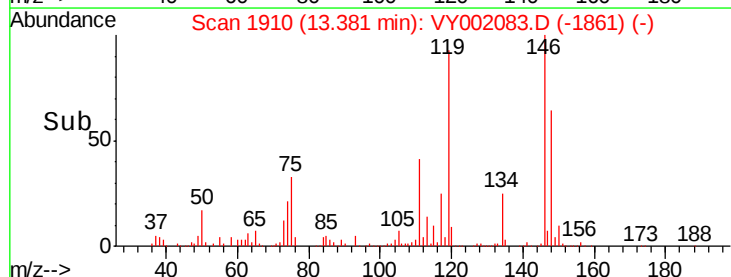
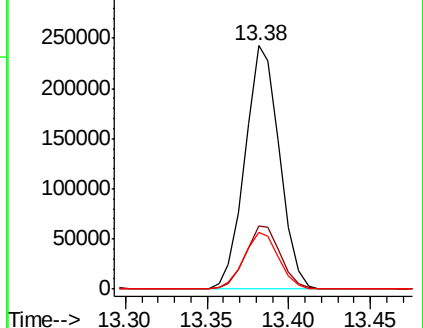
91 23.6 11.9 35.7

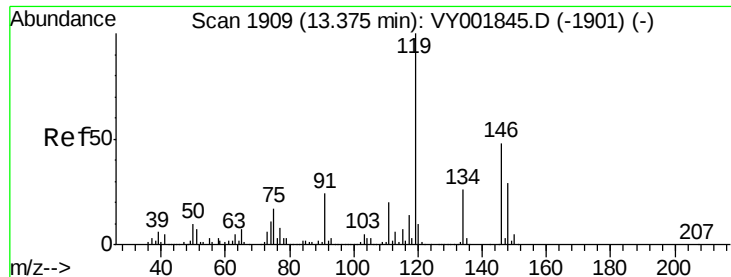


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





#87

1,3-Dichlorobenzene

Concen: 48.531 ug/l

RT: 13.38 min Scan# 1910

Delta R.T. 0.01 min

Lab File: VY002083.D

Acq: 25 Mar 2020 21:19

Instrument :

MSVOA_Y

ClientSampled :

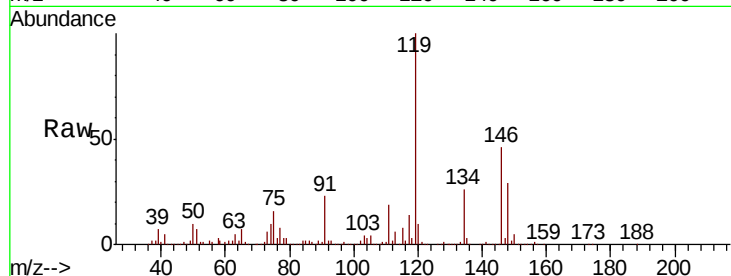
Tot Ion:146 Resp: 171030

Ion Ratio Lower Upper

146 100

111 41.3 20.8 62.5

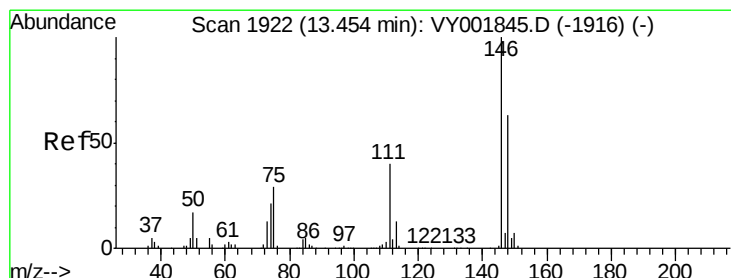
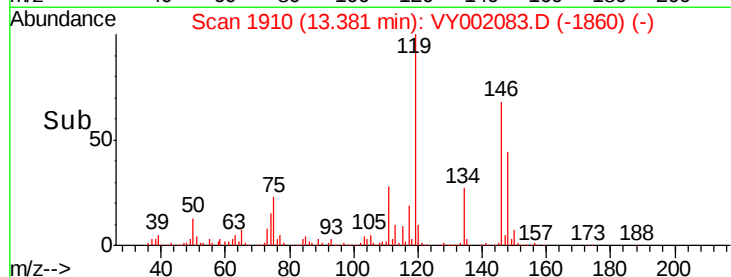
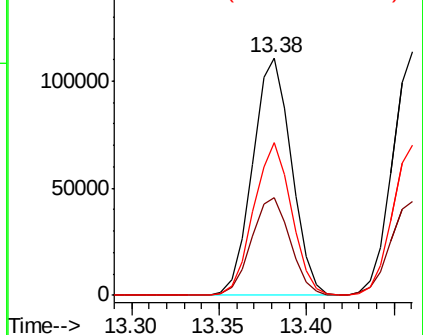
148 62.7 31.4 94.0



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: 49.095 ug/l

RT: 13.46 min Scan# 1923

Delta R.T. 0.01 min

Lab File: VY002083.D

Acq: 25 Mar 2020 21:19

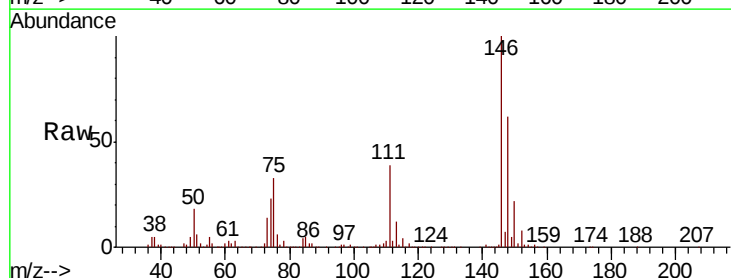
Tgt Ion:146 Resp: 175526

Ion Ratio Lower Upper

146 100

111 39.6 20.0 60.0

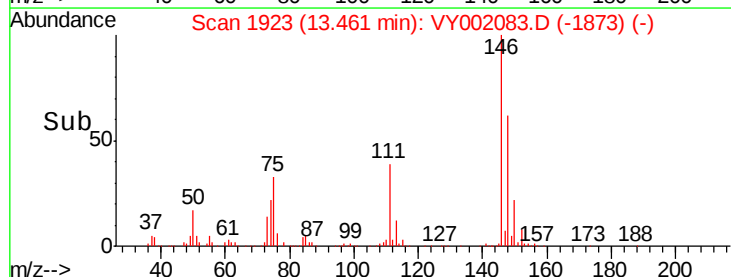
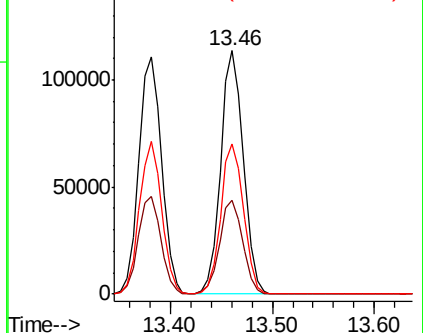
148 62.0 31.5 94.5

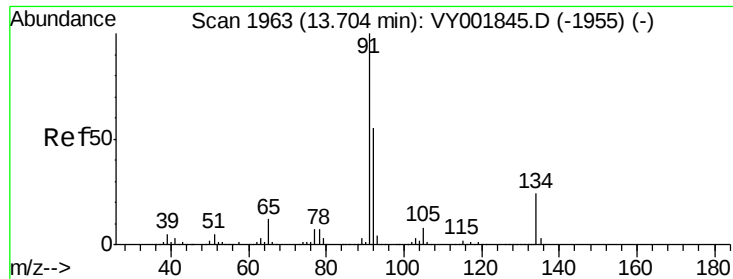


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

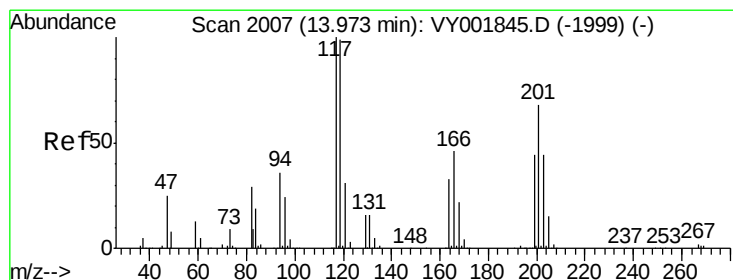
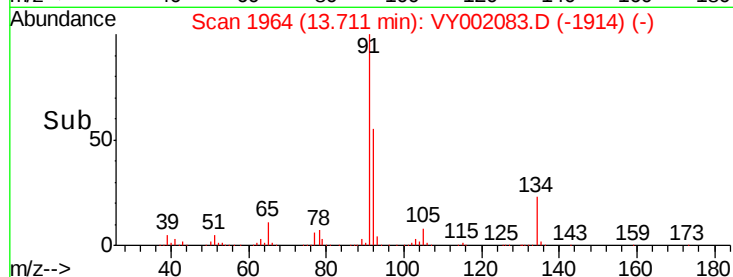
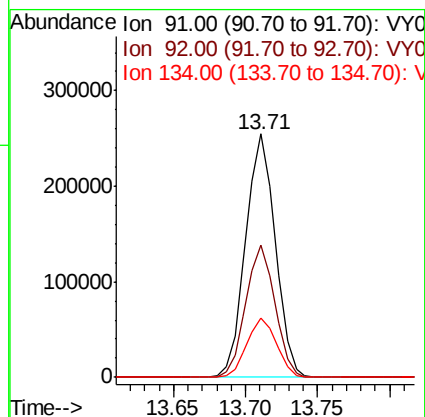
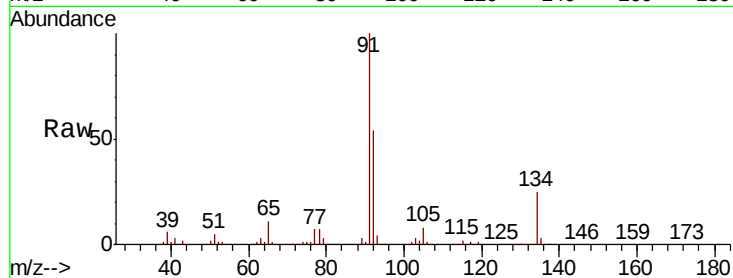




#89
n-Butylbenzene
Concen: 47.354 ug/l
RT: 13.71 min Scan# 1964
Delta R.T. 0.01 min
Lab File: VY002083.D
Acq: 25 Mar 2020 21:19

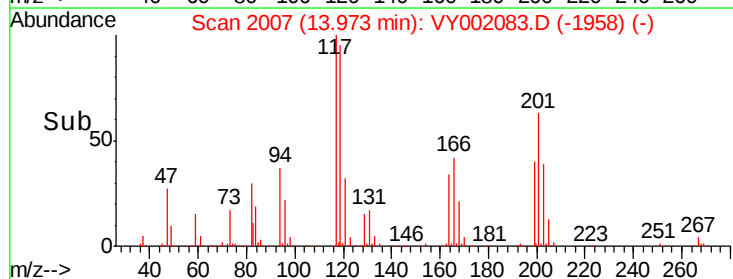
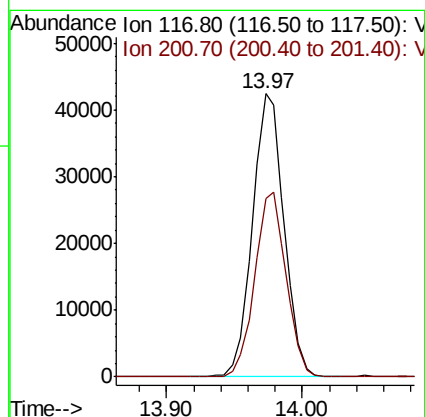
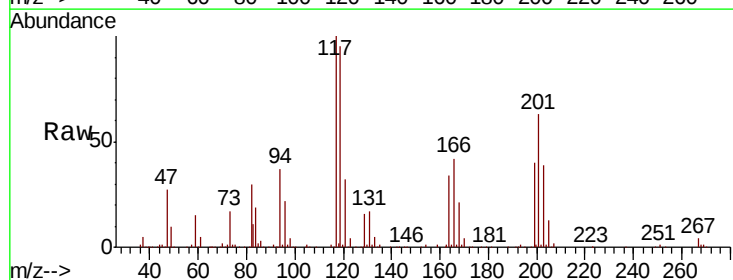
Instrument :
MSVOA_Y
ClientSampleId :

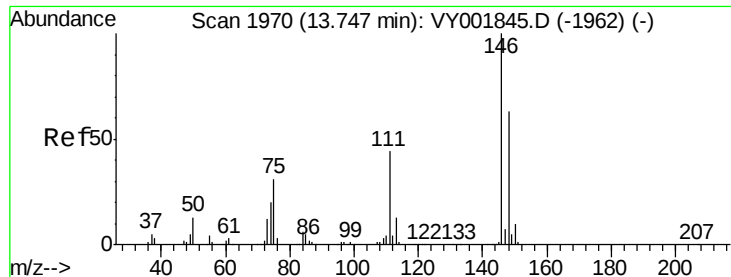
Tot Ion: 91 Resp: 362567
Ion Ratio Lower Upper
91 100
92 53.6 27.5 82.4
134 24.6 12.5 37.5



#90
Hexachloroethane
Concen: 49.438 ug/l
RT: 13.97 min Scan# 2007
Delta R.T. 0.00 min
Lab File: VY002083.D
Acq: 25 Mar 2020 21:19

Tgt Ion: 117 Resp: 68828
Ion Ratio Lower Upper
117 100
201 64.9 32.5 97.5





#91

1,2-Dichlorobenzene

Concen: 49.975 ug/l

RT: 13.75 min Scan# 1971

Delta R.T. 0.01 min

Lab File: VY002083.D

Acq: 25 Mar 2020 21:19

Instrument :

MSVOA_Y

ClientSampled :

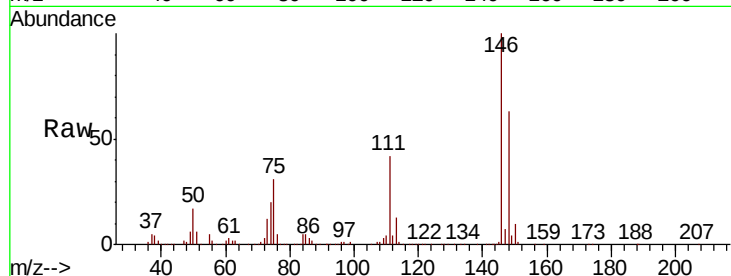
Tot Ion:146 Resp: 160002

Ion Ratio Lower Upper

146 100

111 42.7 21.5 64.5

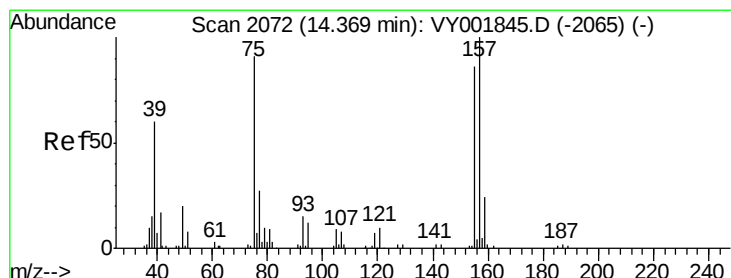
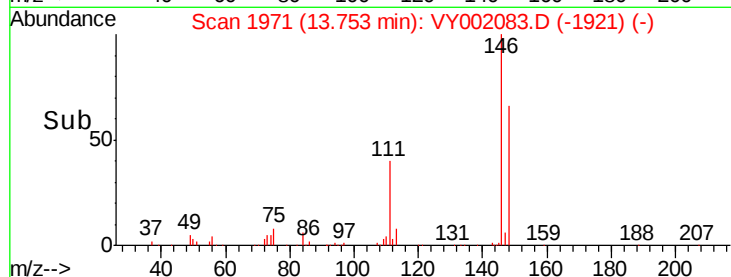
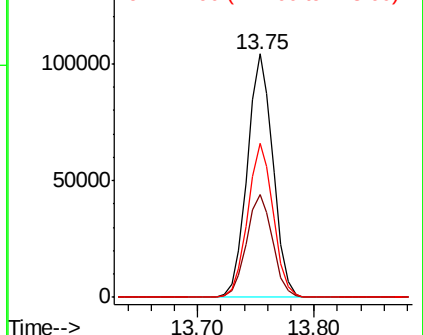
148 62.8 32.0 96.0



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 52.864 ug/l

RT: 14.38 min Scan# 2073

Delta R.T. 0.01 min

Lab File: VY002083.D

Acq: 25 Mar 2020 21:19

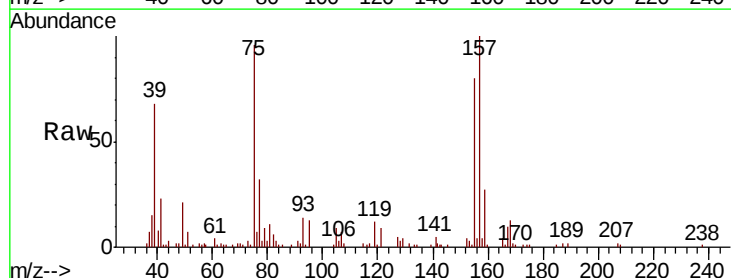
Tgt Ion: 75 Resp: 15100

Ion Ratio Lower Upper

75 100

155 82.6 42.9 128.7

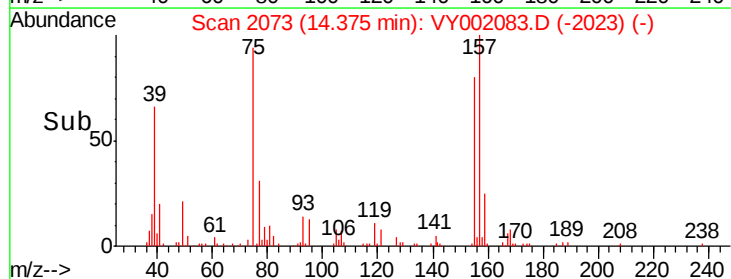
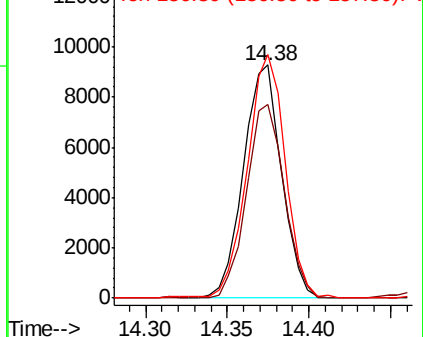
157 104.0 53.1 159.4

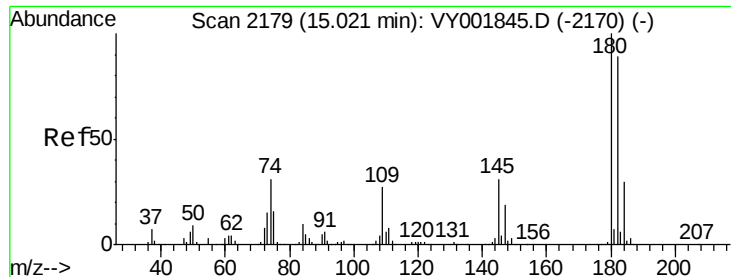


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

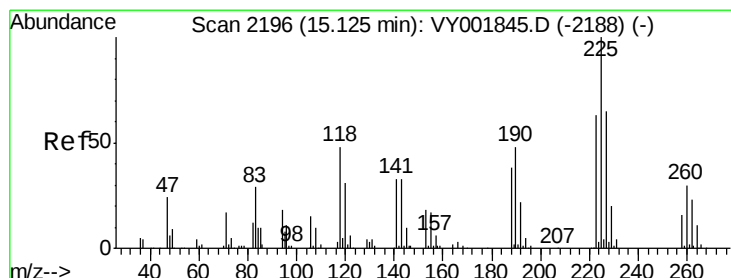
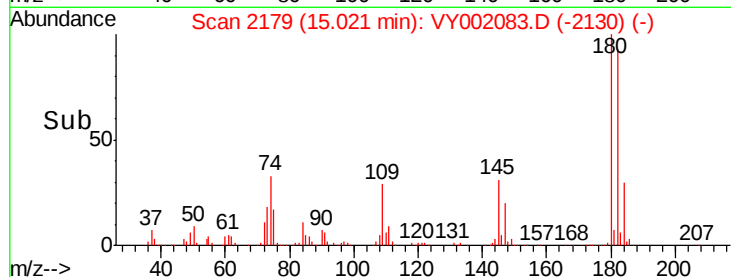
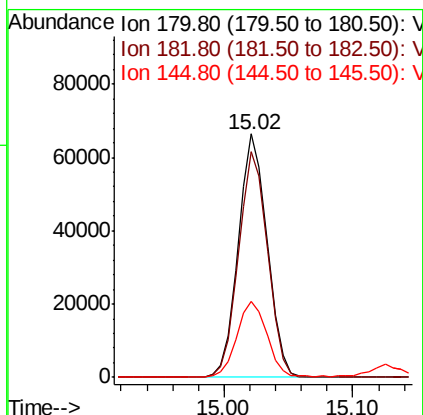
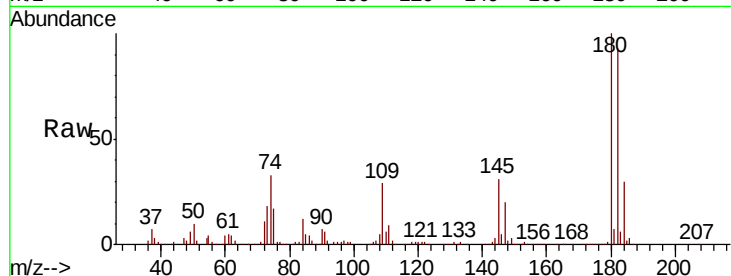




#93
 1,2,4-Trichlorobenzene
 Concen: 49.465 ug/l
 RT: 15.02 min Scan# 2179
 Delta R.T. 0.00 min
 Lab File: VY002083.D
 Acq: 25 Mar 2020 21:19

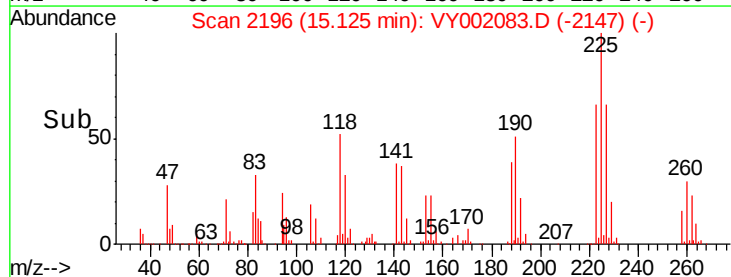
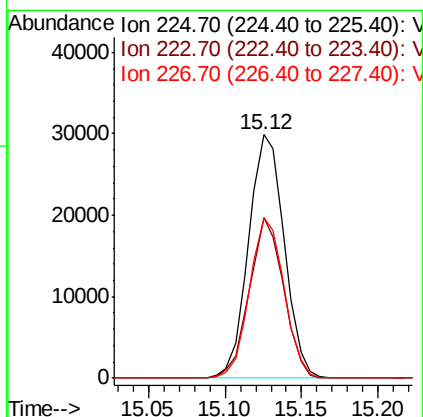
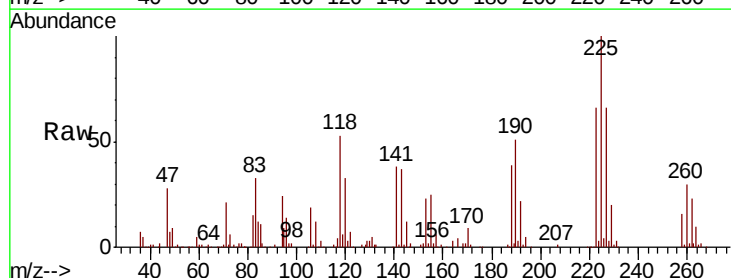
Instrument :
 MSVOA_Y
 ClientSampleId :

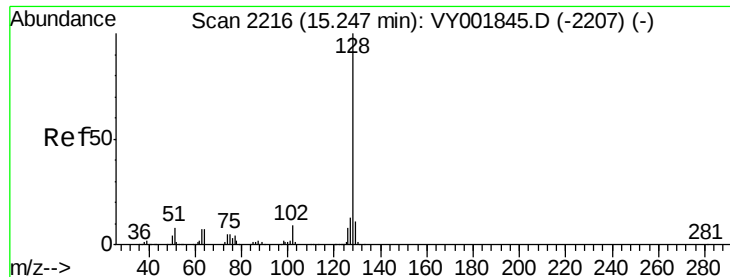
Tot Ion:180 Resp: 102704
 Ion Ratio Lower Upper
 180 100
 182 93.2 46.1 138.3
 145 32.7 15.6 46.8



#94
 Hexachlorobutadiene
 Concen: 47.958 ug/l
 RT: 15.12 min Scan# 2196
 Delta R.T. 0.00 min
 Lab File: VY002083.D
 Acq: 25 Mar 2020 21:19

Tgt Ion:225 Resp: 48547
 Ion Ratio Lower Upper
 225 100
 223 62.8 31.5 94.5
 227 63.7 31.9 95.5

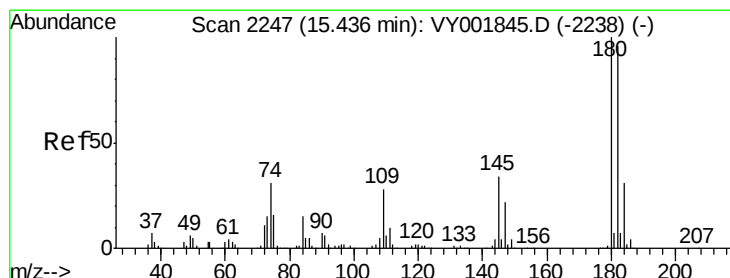
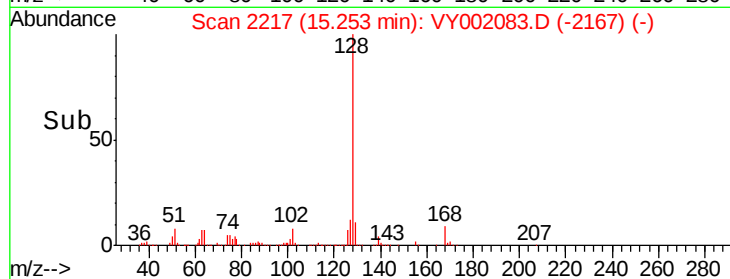
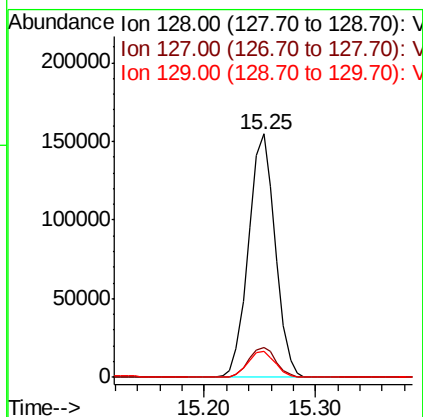
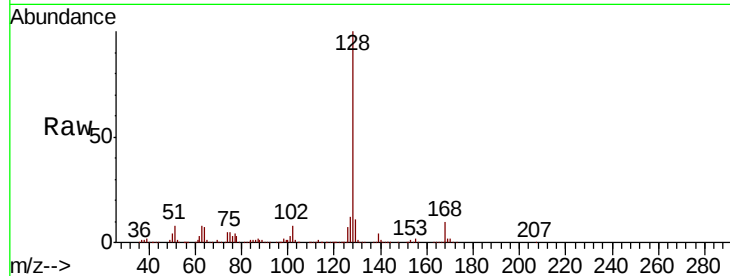




#95
Naphthalene
Concen: 52.317 ug/l
RT: 15.25 min Scan# 2217
Delta R.T. 0.01 min
Lab File: VY002083.D
Acq: 25 Mar 2020 21:19

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:128 Resp: 257657
Ion Ratio Lower Upper
128 100
127 12.9 10.1 15.1
129 11.0 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 50.548 ug/l
RT: 15.44 min Scan# 2248
Delta R.T. 0.01 min
Lab File: VY002083.D
Acq: 25 Mar 2020 21:19

Tgt Ion:180 Resp: 92457
Ion Ratio Lower Upper
180 100
182 95.8 47.6 142.9
145 34.8 16.8 50.3

