

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY011020\
 Data File : VY001165.D
 Acq On : 10 Jan 2020 22:07
 Operator : SY/MD
 Sample : L1046-13MSD
 Misc : 6.57G/5ML/MSVOA Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CIY1-SB-04-0-2MSD

Quant Time: Jan 11 03:09:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y011020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 10 16:01:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	5007	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	8786	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	8673	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	4156	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	4179	79.02	ug/l	0.00
Spiked Amount			Recovery	=	158.04%	
35) Dibromofluoromethane	7.72	113	3152	61.27	ug/l	0.00
Spiked Amount			Recovery	=	122.54%	
50) Toluene-d8	10.18	98	11225	56.63	ug/l	0.00
Spiked Amount			Recovery	=	113.26%	
62) 4-Bromofluorobenzene	12.48	95	4624	57.06	ug/l	0.00
Spiked Amount			Recovery	=	114.12%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	2094	54.456	ug/l	96
3) Chloromethane	2.11	50	3262	58.852	ug/l	92
4) Vinyl Chloride	2.26	62	2971	53.206	ug/l	93
5) Bromomethane	2.66	94	1202	40.074	ug/l #	77
6) Chloroethane	2.80	64	1945	60.291	ug/l #	87
7) Trichlorofluoromethane	3.13	101	4177	53.740	ug/l	95
8) Diethyl Ether	3.54	74	2587	85.656	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.91	101	2617	52.308	ug/l	95
10) Methyl Iodide	4.11	142	3560	51.985	ug/l	97
11) Tert butyl alcohol	4.96	59	2944	553.310	ug/l #	73
12) 1,1-Dichloroethene	3.88	96	2903	56.715	ug/l	95
13) Acrolein	3.73	56	782	163.258	ug/l #	72
14) Allyl chloride	4.49	41	5981	69.233	ug/l #	76
15) Acrylonitrile	5.18	53	7650	506.463	ug/l	98
16) Acetone	3.95	43	9092	740.296	ug/l	99
17) Carbon Disulfide	4.19	76	8015	48.380	ug/l	96
18) Methyl Acetate	4.48	43	7039	173.349	ug/l	94
19) Methyl tert-butyl Ether	5.22	73	12347	87.205	ug/l	98
20) Methylene Chloride	4.72	84	4084	74.007	ug/l #	93
21) trans-1,2-Dichloroethene	5.24	96	3192	54.997	ug/l	94
22) Diisopropyl ether	6.13	45	11304	64.064	ug/l #	89
23) Vinyl Acetate	6.07	43	2123	18.813	ug/l #	84
24) 1,1-Dichloroethane	6.03	63	5470	56.626	ug/l	94
25) 2-Butanone	7.00	43	11538	603.627	ug/l #	84
26) 2,2-Dichloropropane	6.99	77	3786	42.621	ug/l	87
27) cis-1,2-Dichloroethene	7.00	96	3934	61.859	ug/l	91
28) Bromochloromethane	7.35	49	3280	82.688	ug/l #	97
29) Tetrahydrofuran	7.36	42	7521	574.158	ug/l	98
30) Chloroform	7.52	83	5964	63.011	ug/l	97
31) Cyclohexane	7.80	56	5316	51.976	ug/l	93
32) 1,1,1-Trichloroethane	7.71	97	4519	53.810	ug/l	97
36) 1,1-Dichloropropene	7.93	75	4012	50.101	ug/l	90
37) Ethyl Acetate	7.08	43	3040	64.686	ug/l	98
38) Carbon Tetrachloride	7.91	117	3554	48.427	ug/l	89

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY011020\
 Data File : VY001165.D
 Acq On : 10 Jan 2020 22:07
 Operator : SY/MD
 Sample : L1046-13MSD
 Misc : 6.57G/5ML/MSVOA Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CIY1-SB-04-0-2MSD

Quant Time: Jan 11 03:09:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y011020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 10 16:01:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.19	83	5688	52.393	ug/l	92
40) Benzene	8.17	78	13205	56.490	ug/l	91
41) Methacrylonitrile	7.35	41	6833	309.522	ug/l #	1
42) 1,2-Dichloroethane	8.24	62	5066	77.398	ug/l	93
43) Isopropyl Acetate	8.28	43	7623	84.826	ug/l	99
44) Trichloroethene	8.94	130	3786	62.157	ug/l	83
45) 1,2-Dichloropropane	9.22	63	3766	65.168	ug/l	99
46) Dibromomethane	9.32	93	2505	79.446	ug/l	92
47) Bromodichloromethane	9.50	83	5492	71.470	ug/l	95
48) Methyl methacrylate	9.30	41	4333	104.193	ug/l	94
49) 1,4-Dioxane	9.30	88	1071	2789.147	ug/l #	90
51) 4-Methyl-2-Pentanone	10.07	43	22342	489.965	ug/l	99
52) Toluene	10.24	92	7913	53.075	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	5155	59.950	ug/l	95
54) cis-1,3-Dichloropropene	9.93	75	6086	62.776	ug/l #	84
55) 1,1,2-Trichloroethane	10.64	97	3974	85.016	ug/l	94
56) Ethyl methacrylate	10.51	69	4864	68.025	ug/l	97
57) 1,3-Dichloropropane	10.79	76	6386	79.579	ug/l	95
58) 2-Chloroethyl Vinyl ether	9.78	63	3917	155.755	ug/l	97
59) 2-Hexanone	10.83	43	15756	493.031	ug/l	99
60) Dibromochloromethane	10.99	129	3947	73.337	ug/l	100
61) 1,2-Dibromoethane	11.09	107	3492	76.507	ug/l	90
64) Tetrachloroethene	10.72	164	3593	64.266	ug/l	98
65) Chlorobenzene	11.52	112	9189	53.023	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.59	131	3354	56.153	ug/l	96
67) Ethyl Benzene	11.59	91	15123	47.703	ug/l	95
68) m/p-Xylenes	11.70	106	11253	94.097	ug/l	100
69) o-Xylene	12.03	106	5720	49.887	ug/l	98
70) Styrene	12.04	104	9933	49.373	ug/l	98
71) Bromoform	12.20	173	2581	70.069	ug/l #	93
73) Isopropylbenzene	12.33	105	14655	46.905	ug/l	100
74) N-amyl acetate	12.14	43	3529	36.193	ug/l #	93
75) 1,1,2,2-Tetrachloroethane	12.58	83	5297	80.582	ug/l	97
76) 1,2,3-Trichloropropane	12.63	75	5376	120.835	ug/l #	100
77) Bromobenzene	12.61	156	3678	53.276	ug/l	98
78) n-propylbenzene	12.67	91	16759	44.594	ug/l	99
79) 2-Chlorotoluene	12.75	91	10052	46.573	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	11855	45.476	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.38	75	983	37.468	ug/l #	98
82) 4-Chlorotoluene	12.85	91	10160	44.094	ug/l	99
83) tert-Butylbenzene	13.07	119	10397	47.464	ug/l	98
84) 1,2,4-Trimethylbenzene	13.11	105	12372	47.790	ug/l	98
85) sec-Butylbenzene	13.25	105	14019	44.487	ug/l	99
86) p-Isopropyltoluene	13.37	119	12114	44.276	ug/l	98
87) 1,3-Dichlorobenzene	13.36	146	6002	45.970	ug/l	97
88) 1,4-Dichlorobenzene	13.44	146	6585	49.005	ug/l	98
89) n-Butylbenzene	13.69	91	11190	40.607	ug/l	97
90) Hexachloroethane	13.95	117	1851	34.623	ug/l	95
91) 1,2-Dichlorobenzene	13.73	146	6710	55.298	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.35	75	646	54.480	ug/l	92

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY011020\
Data File : VY001165.D
Acq On : 10 Jan 2020 22:07
Operator : SY/MD
Sample : L1046-13MSD
Misc : 6.57G/5ML/MSVOA Y/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
CIY1-SB-04-0-2MSD

Quant Time: Jan 11 03:09:57 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y011020S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 10 16:01:58 2020
Response via : Initial Calibration

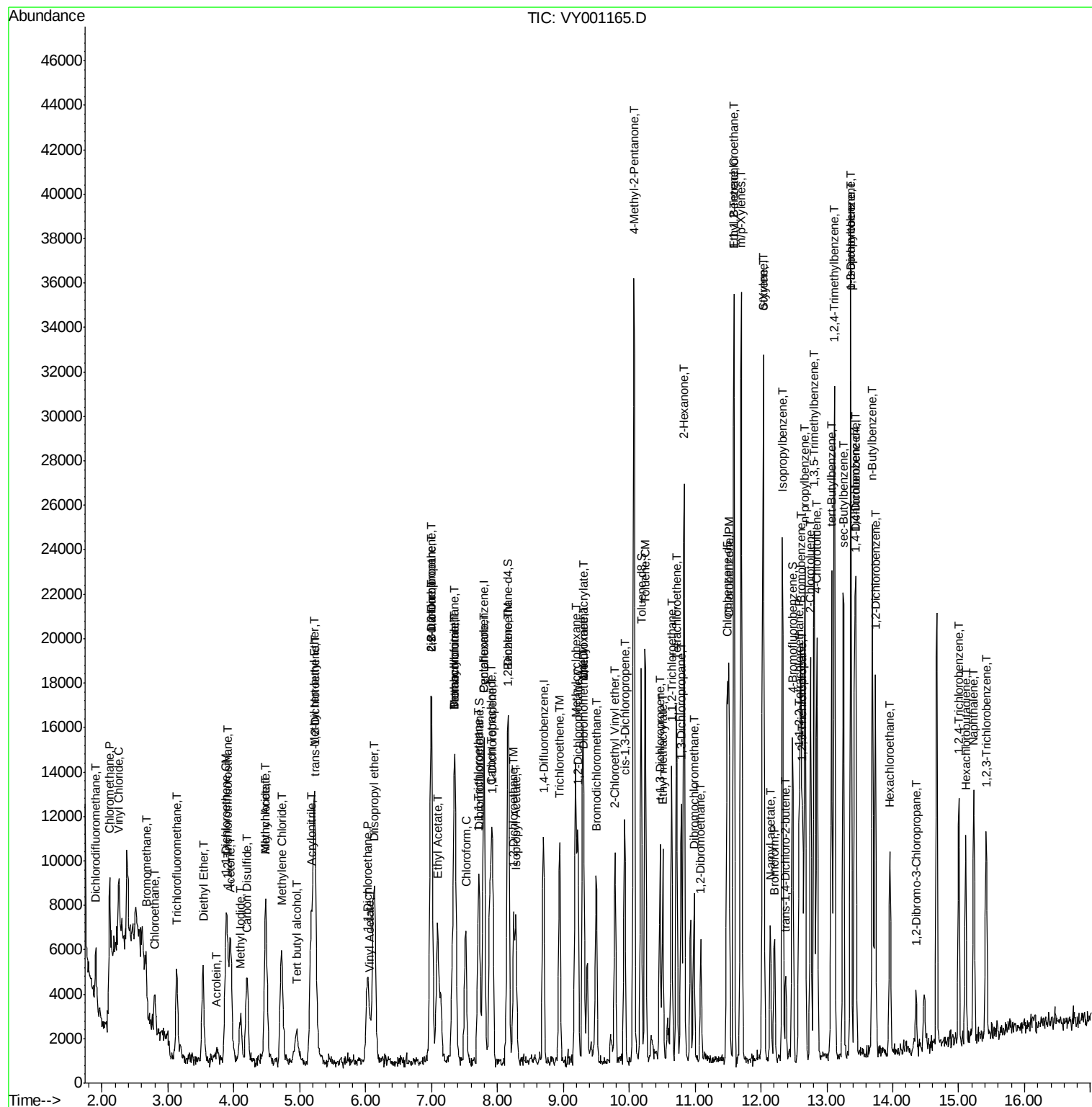
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	2783	34.810	ug/l	83
94) Hexachlorobutadiene	15.11	225	1583	39.303	ug/l	97
95) Naphthalene	15.23	128	8452	45.411	ug/l	97
96) 1,2,3-Trichlorobenzene	15.42	180	2814	39.938	ug/l	92

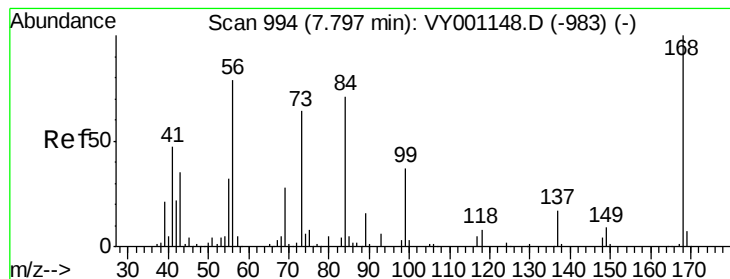
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY011020\
 Data File : VY001165.D
 Acq On : 10 Jan 2020 22:07
 Operator : SY/MD
 Sample : L1046-13MSD
 Misc : 6.57G/5ML/MSVOA Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CIY1-SB-04-0-2MSD

Quant Time: Jan 11 03:09:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y011020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 10 16:01:58 2020
 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.01 min

Lab File: VY001165.D

Acq: 10 Jan 2020 22:07

Instrument :

MSVOA_Y

ClientSampleId :

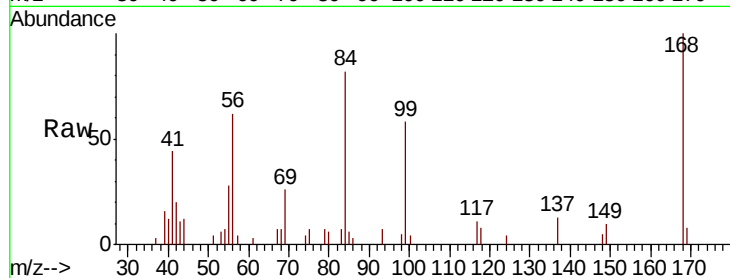
CIY1-SB-04-0-2MSD

Tot Ion:168 Resp: 5007

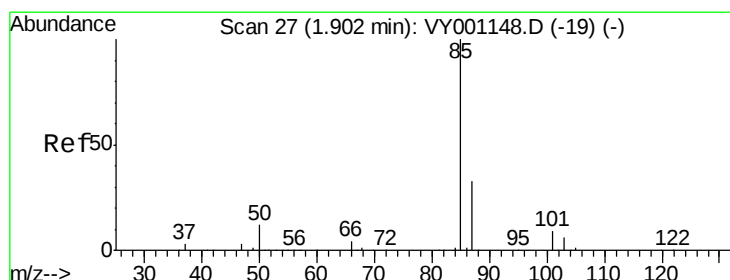
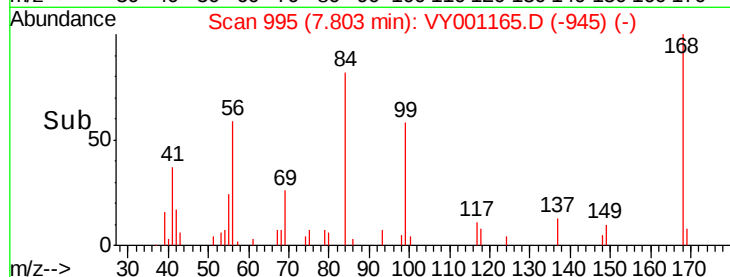
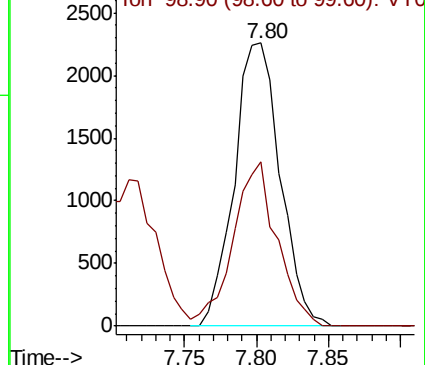
Ion Ratio Lower Upper

168 100

99 58.0 47.9 71.9



Abundance Ion 167.90 (167.60 to 168.60): VY001148.D (-983) (-)



#2

Dichlorodifluoromethane

Concen: 54.456 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.01 min

Lab File: VY001165.D

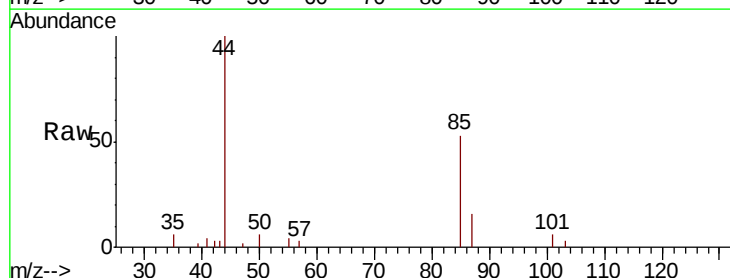
Acq: 10 Jan 2020 22:07

Tgt Ion: 85 Resp: 2094

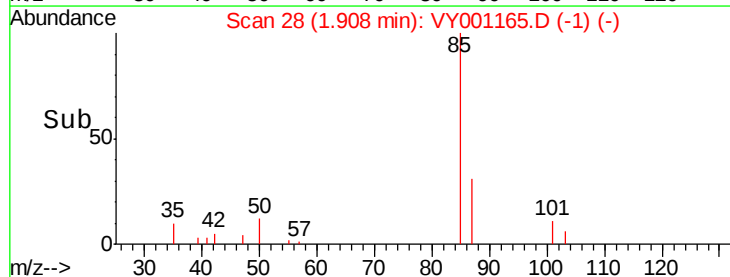
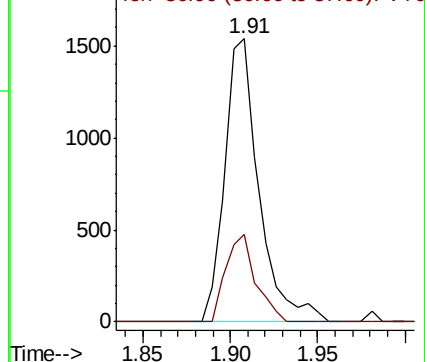
Ion Ratio Lower Upper

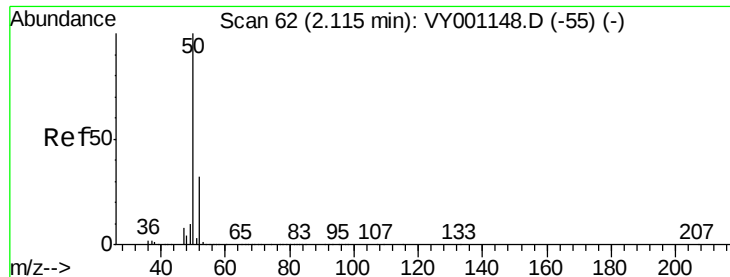
85 100

87 30.8 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VY001148.D (-19) (-)





#3

Chloromethane

Concen: 58.852 ug/l

RT: 2.11 min Scan# 61

Delta R.T. -0.01 min

Lab File: VY001165.D

Acq: 10 Jan 2020 22:07

Instrument :

MSVOA_Y

ClientSampleId :

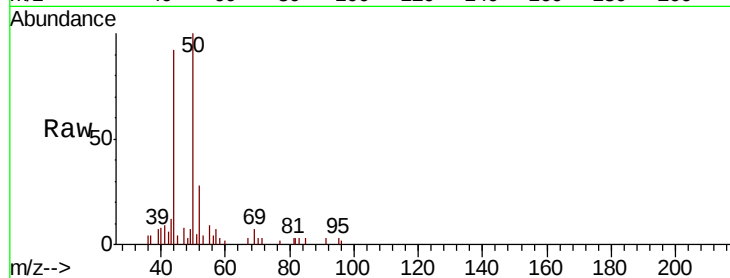
CIY1-SB-04-0-2MSD

Tot Ion: 50 Resp: 3262

Ion Ratio Lower Upper

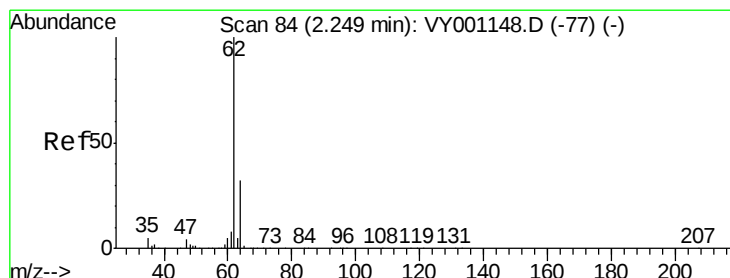
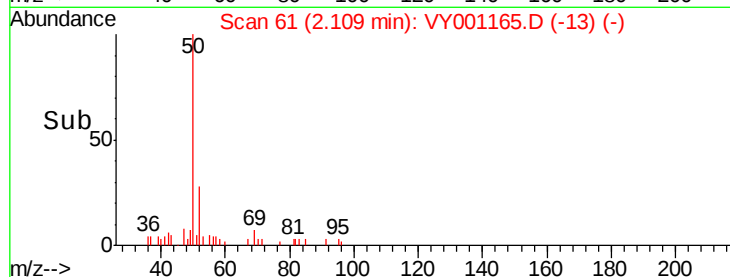
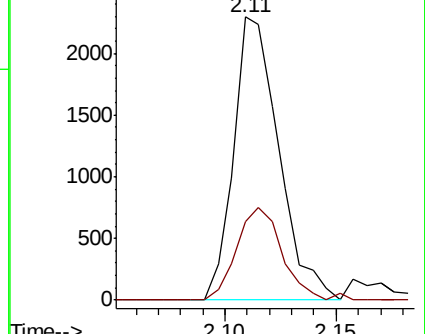
50 100

52 27.7 25.8 38.6



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 53.206 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.01 min

Lab File: VY001165.D

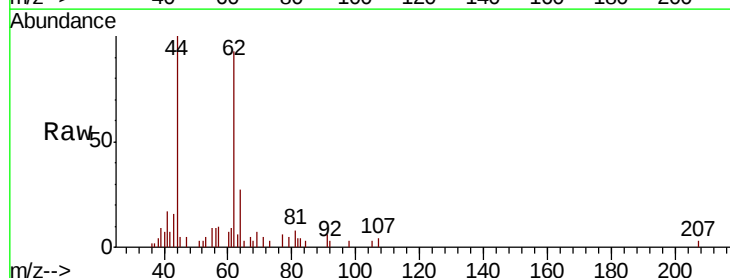
Acq: 10 Jan 2020 22:07

Tgt Ion: 62 Resp: 2971

Ion Ratio Lower Upper

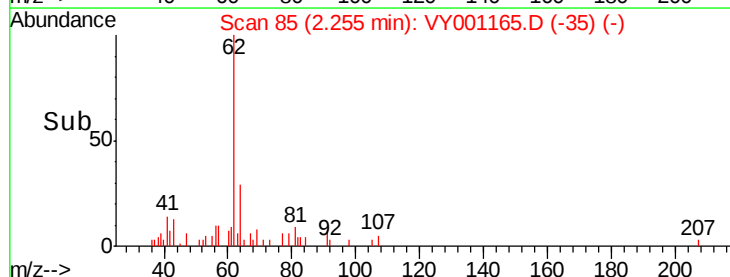
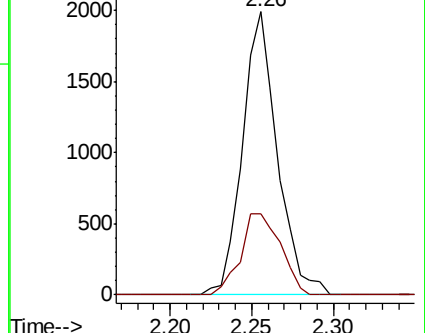
62 100

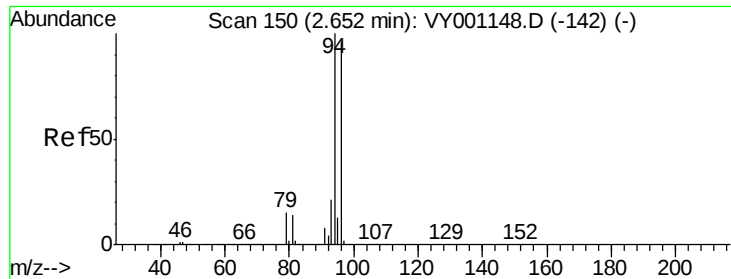
64 28.6 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 40.074 ug/l

RT: 2.66 min Scan# 152

Delta R.T. 0.01 min

Lab File: VY001165.D

Acq: 10 Jan 2020 22:07

Instrument :

MSVOA_Y

ClientSampleId :

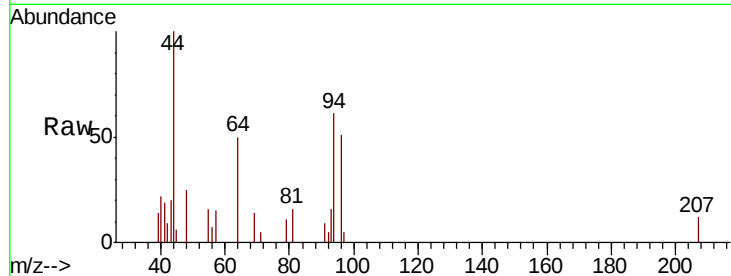
CIY1-SB-04-0-2MSD

Tot Ion: 94 Resp: 1202

Ion Ratio Lower Upper

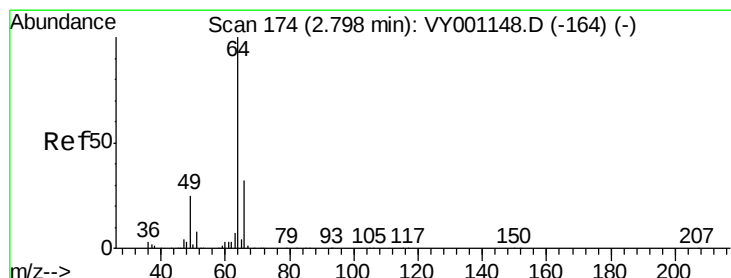
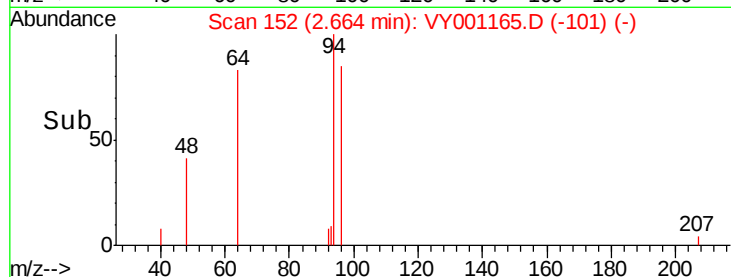
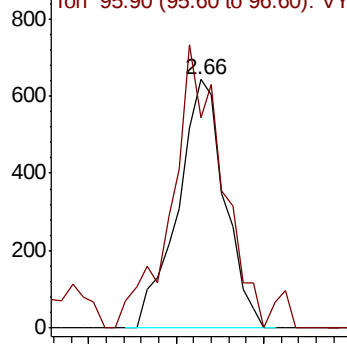
94 100

96 74.5 77.3 115.9#



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 60.291 ug/l

RT: 2.80 min Scan# 175

Delta R.T. 0.01 min

Lab File: VY001165.D

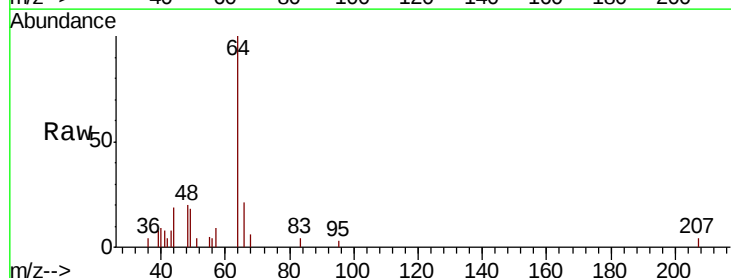
Acq: 10 Jan 2020 22:07

Tgt Ion: 64 Resp: 1945

Ion Ratio Lower Upper

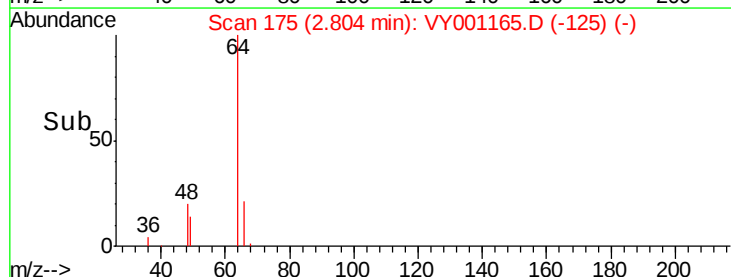
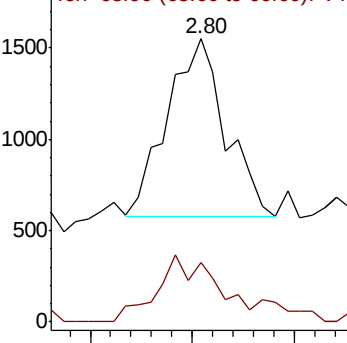
64 100

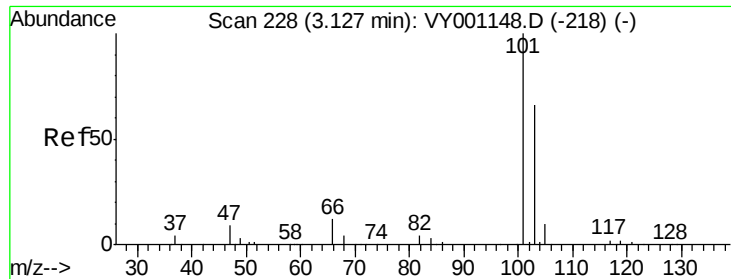
66 24.4 25.5 38.3#



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



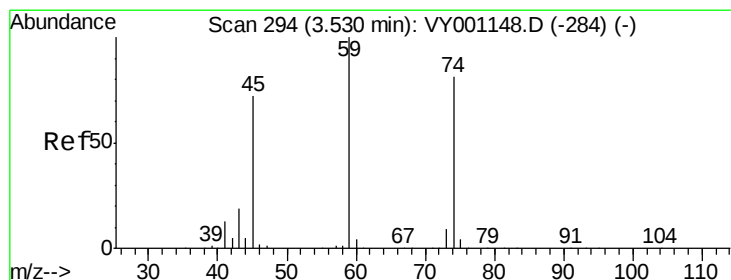
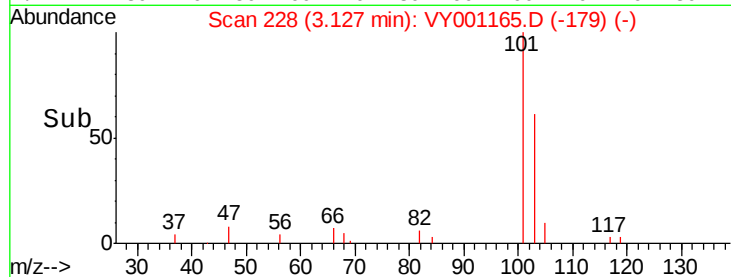
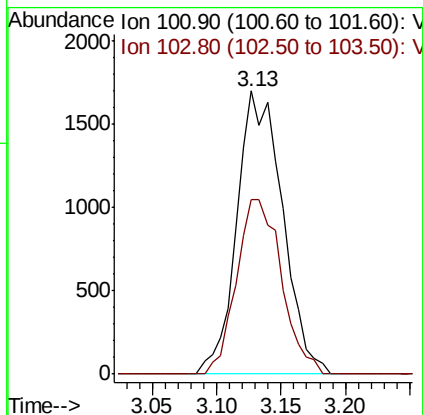
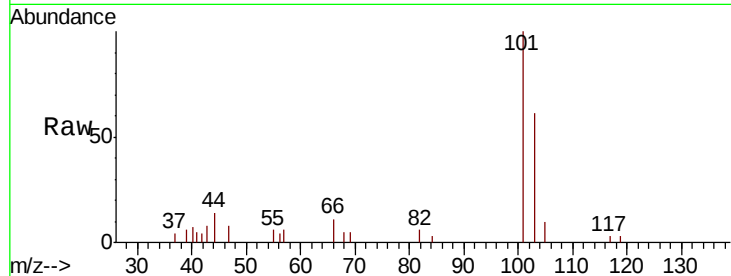


#7

Trichlorofluoromethane
Concen: 53.740 ug/l
RT: 3.13 min Scan# 228
Delta R.T. -0.00 min
Lab File: VY001165.D
Acq: 10 Jan 2020 22:07

Instrument :
MSVOA_Y
ClientSampleId :
CIY1-SB-04-0-2MSD

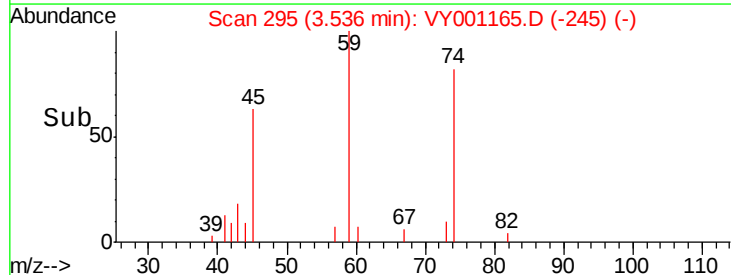
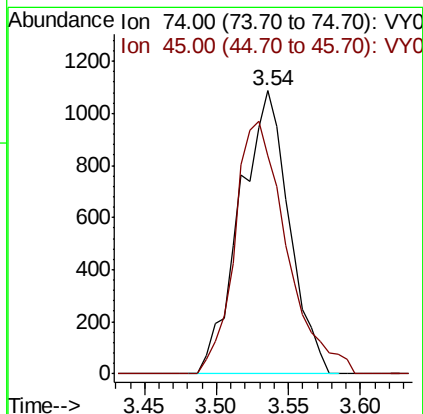
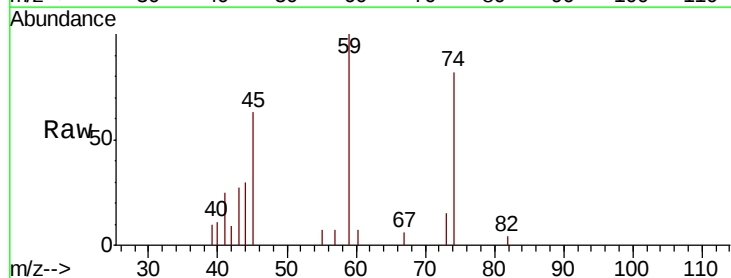
Tot Ion:101 Resp: 4177
Ion Ratio Lower Upper
101 100
103 61.5 52.6 79.0

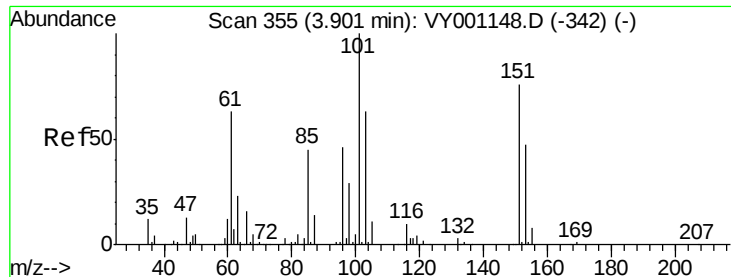


#8

Diethyl Ether
Concen: 85.656 ug/l
RT: 3.54 min Scan# 295
Delta R.T. 0.01 min
Lab File: VY001165.D
Acq: 10 Jan 2020 22:07

Tgt Ion: 74 Resp: 2587
Ion Ratio Lower Upper
74 100
45 94.0 45.5 136.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.308 ug/l

RT: 3.91 min Scan# 356

Delta R.T. 0.01 min

Lab File: VY001165.D

Acq: 10 Jan 2020 22:07

Instrument :

MSVOA_Y

ClientSampleId :

CIY1-SB-04-0-2MSD

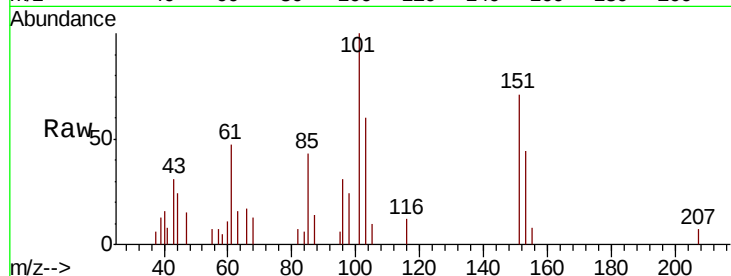
Tot Ion:101 Resp: 2617

Ion Ratio Lower Upper

101 100

85 48.9 35.2 52.8

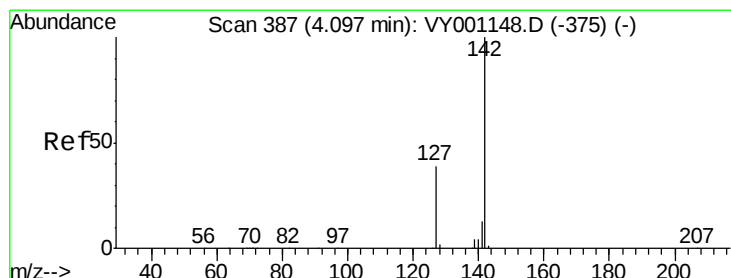
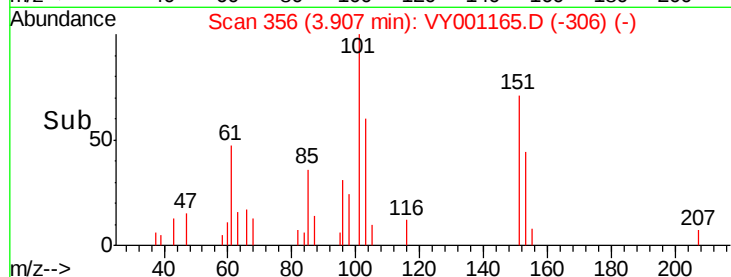
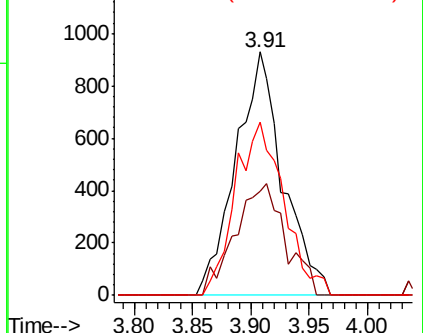
151 73.5 61.4 92.2



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: 51.985 ug/l

RT: 4.11 min Scan# 389

Delta R.T. 0.01 min

Lab File: VY001165.D

Acq: 10 Jan 2020 22:07

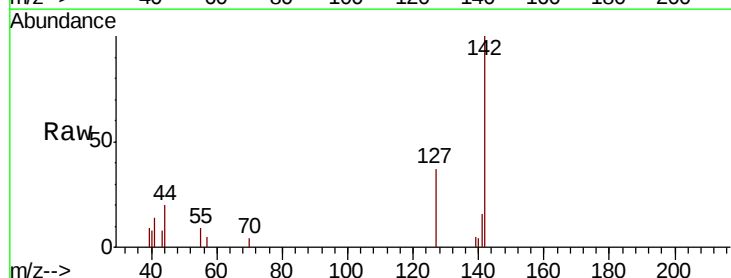
Tgt Ion:142 Resp: 3560

Ion Ratio Lower Upper

142 100

127 40.7 30.8 46.2

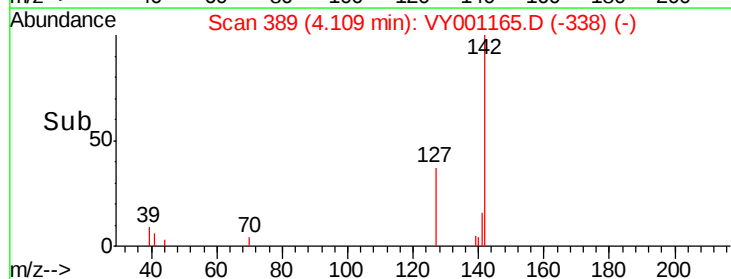
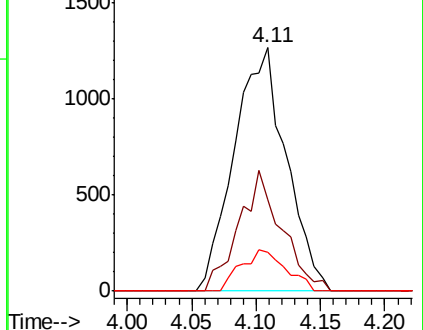
141 14.7 11.0 16.4

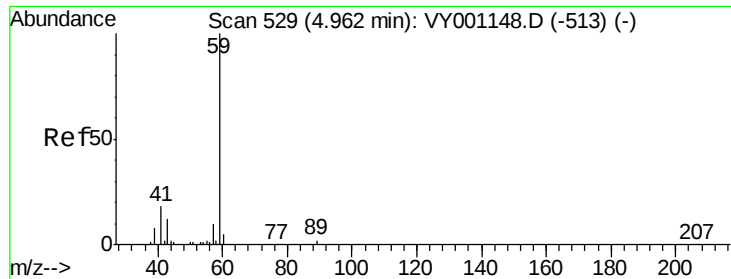


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

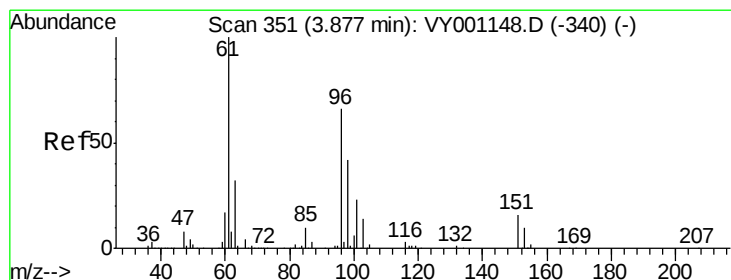
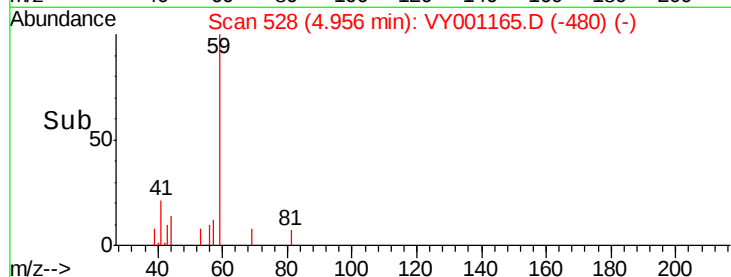
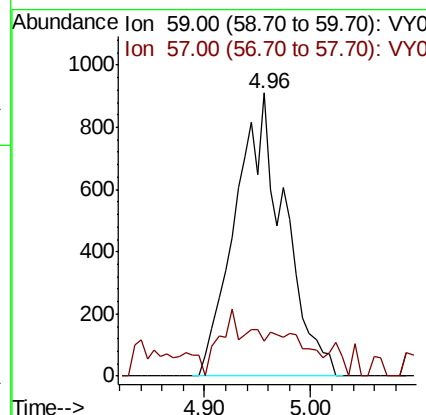
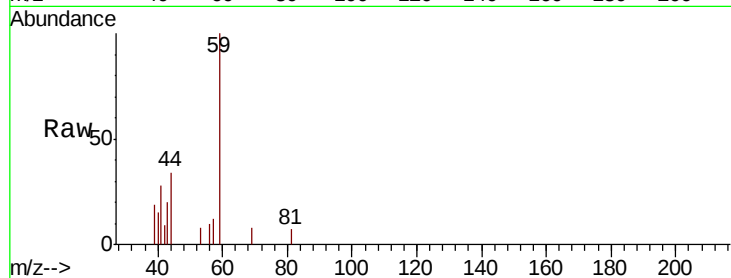




#11
Tert butyl alcohol
Concen: 553.310 ug/l
RT: 4.96 min Scan# 528
Delta R.T. -0.01 min
Lab File: VY001165.D
Acq: 10 Jan 2020 22:07

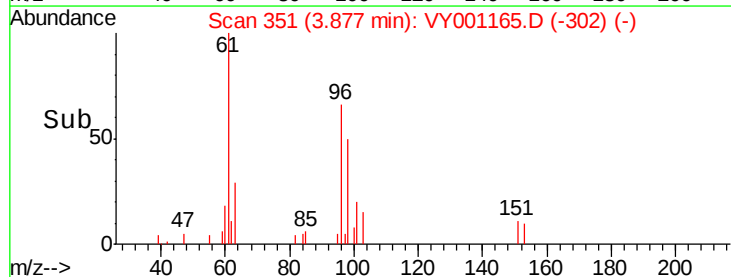
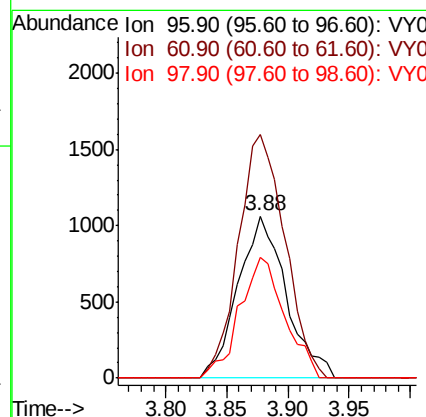
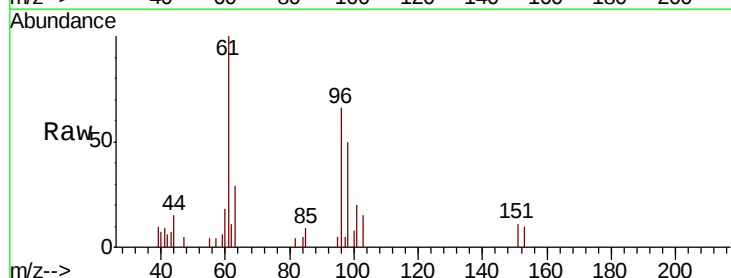
Instrument :
MSVOA_Y
ClientSampleId :
CIY1-SB-04-0-2MSD

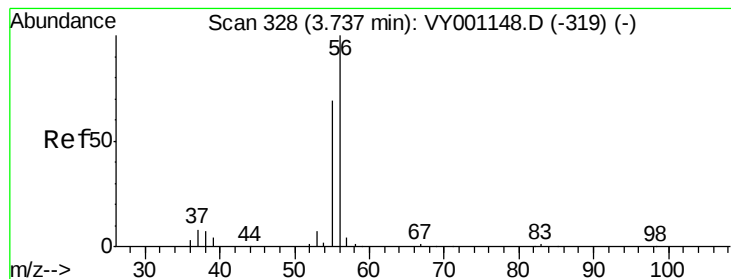
Tot Ion: 59 Resp: 2944
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 56.715 ug/l
RT: 3.88 min Scan# 351
Delta R.T. -0.00 min
Lab File: VY001165.D
Acq: 10 Jan 2020 22:07

Tgt Ion: 96 Resp: 2903
Ion Ratio Lower Upper
96 100
61 150.6 122.1 183.1
98 74.7 51.0 76.6





#13

Acrolein

Concen: 163.258 ug/l

RT: 3.73 min Scan# 327

Delta R.T. -0.01 min

Lab File: VY001165.D

Acq: 10 Jan 2020 22:07

Instrument :

MSVOA_Y

ClientSampleId :

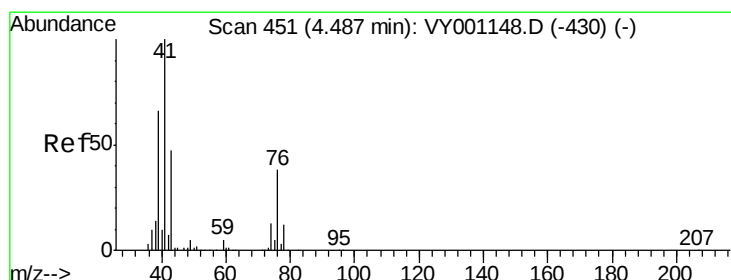
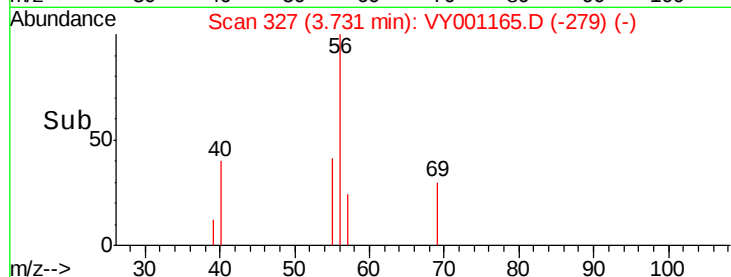
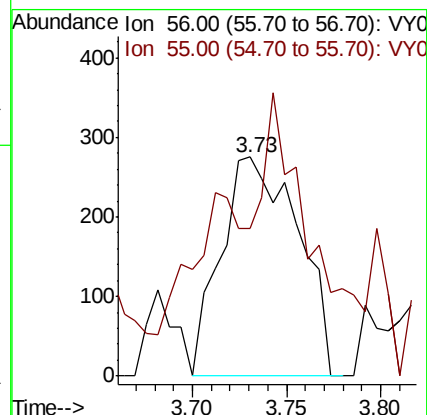
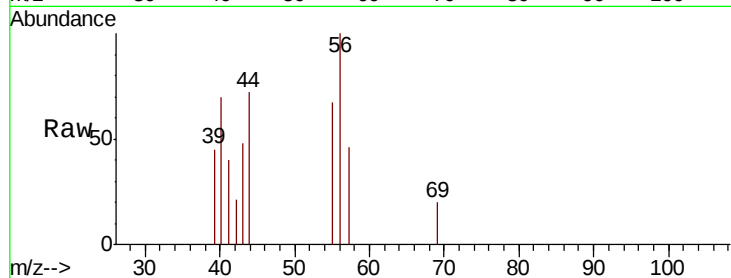
CIY1-SB-04-0-2MSD

Tot Ion: 56 Resp: 782

Ion Ratio Lower Upper

56 100

55 47.4 56.7 85.1#



#14

Allyl chloride

Concen: 69.233 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.00 min

Lab File: VY001165.D

Acq: 10 Jan 2020 22:07

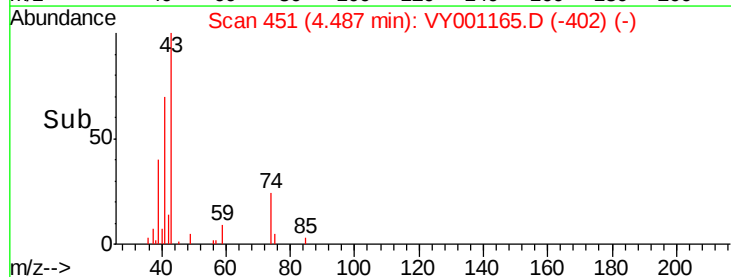
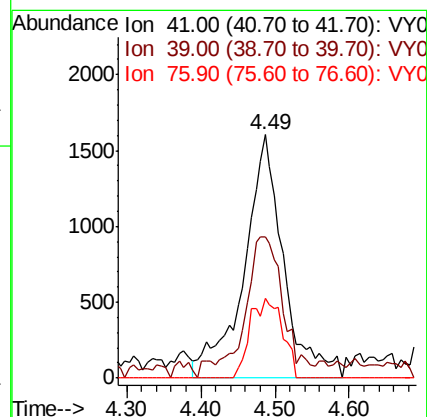
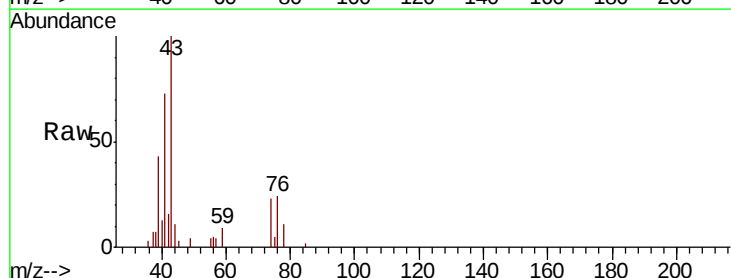
Tgt Ion: 41 Resp: 5981

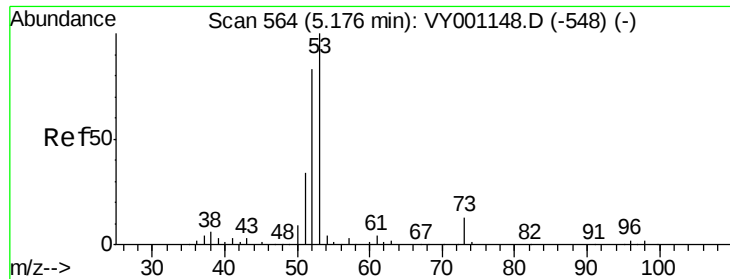
Ion Ratio Lower Upper

41 100

39 44.7 52.6 78.8#

76 26.6 30.2 45.2#





#15

Acrylonitrile

Concen: 506.463 ug/l

RT: 5.18 min Scan# 564

Delta R.T. -0.00 min

Lab File: VY001165.D

Acq: 10 Jan 2020 22:07

Instrument :

MSVOA_Y

ClientSampleId :

CIY1-SB-04-0-2MSD

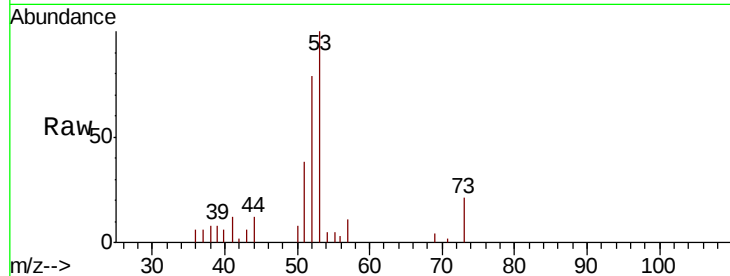
Tot Ion: 53 Resp: 7650

Ion Ratio Lower Upper

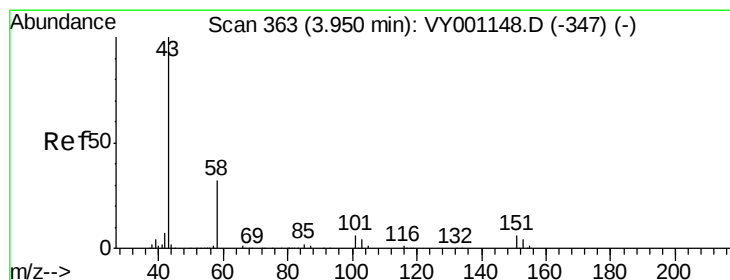
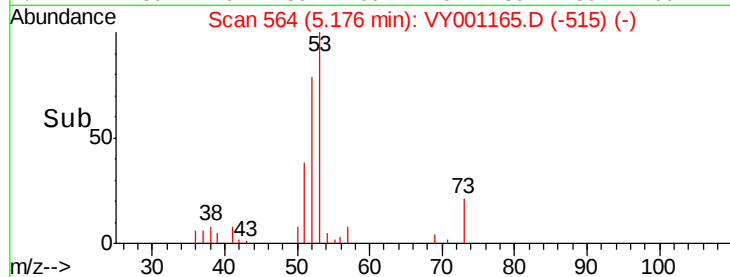
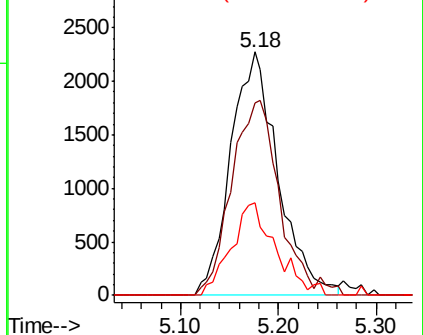
53 100

52 79.6 65.7 98.5

51 36.1 28.7 43.1



Abundance Ion 53.00 (52.70 to 53.70): VY0
Ion 52.00 (51.70 to 52.70): VY0
Ion 51.00 (50.70 to 51.70): VY0



#16

Acetone

Concen: 740.296 ug/l

RT: 3.95 min Scan# 363

Delta R.T. -0.00 min

Lab File: VY001165.D

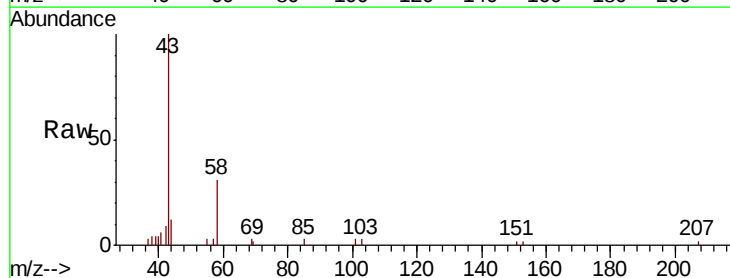
Acq: 10 Jan 2020 22:07

Tgt Ion: 43 Resp: 9092

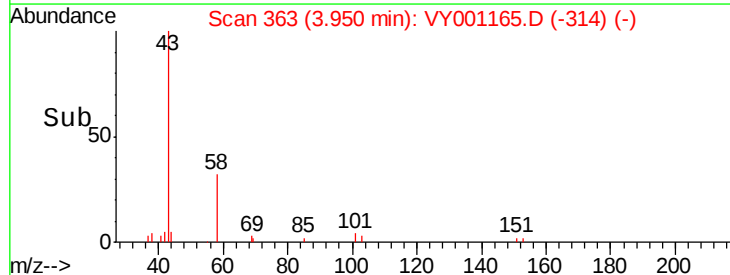
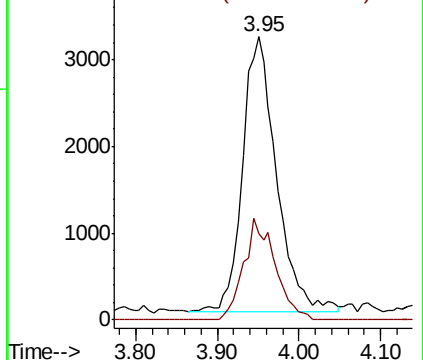
Ion Ratio Lower Upper

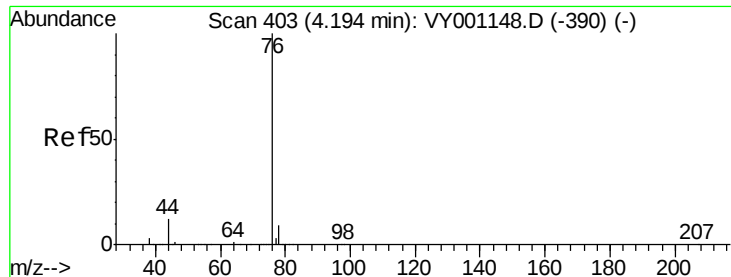
43 100

58 31.7 25.8 38.6



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





#17

Carbon Disulfide

Concen: 48.380 ug/l

RT: 4.19 min Scan# 403

Delta R.T. -0.00 min

Lab File: VY001165.D

Acq: 10 Jan 2020 22:07

Instrument :

MSVOA_Y

ClientSampleId :

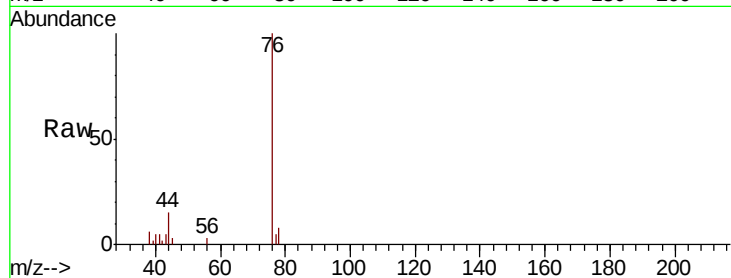
CIY1-SB-04-0-2MSD

Tot Ion: 76 Resp: 8015

Ion Ratio Lower Upper

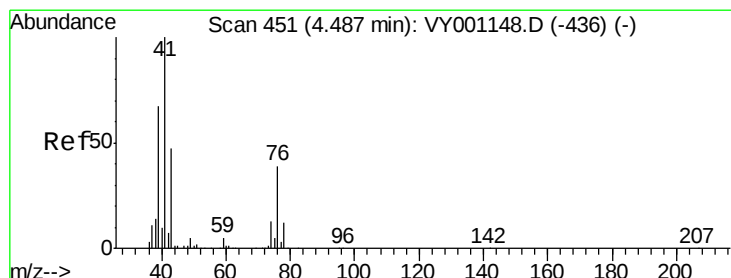
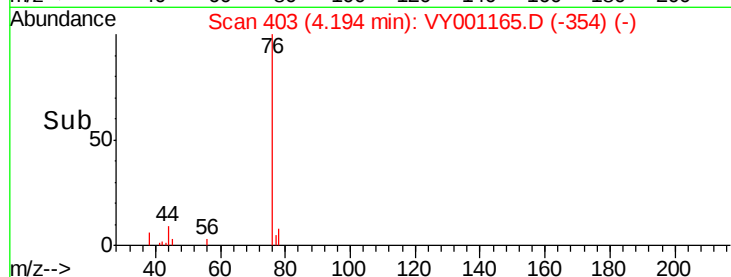
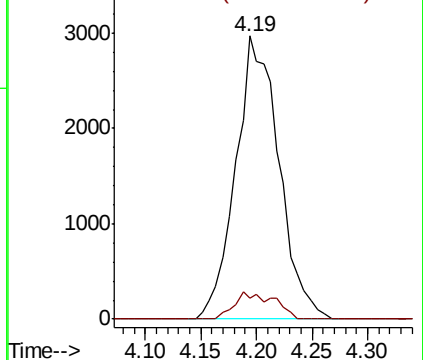
76 100

78 7.6 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 173.349 ug/l

RT: 4.48 min Scan# 450

Delta R.T. -0.01 min

Lab File: VY001165.D

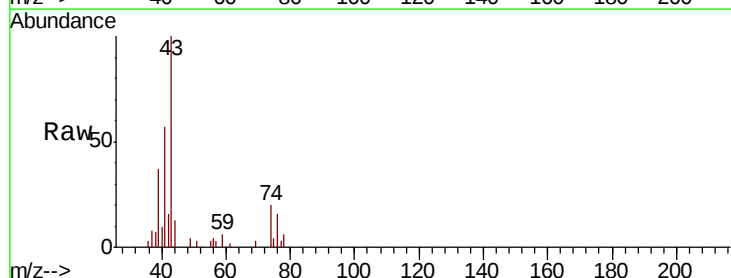
Acq: 10 Jan 2020 22:07

Tgt Ion: 43 Resp: 7039

Ion Ratio Lower Upper

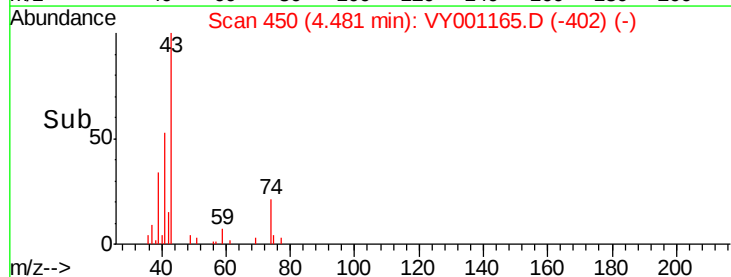
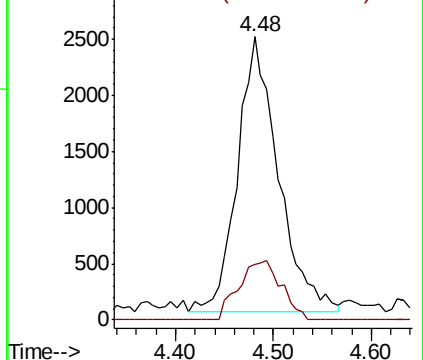
43 100

74 22.3 20.2 30.2



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0

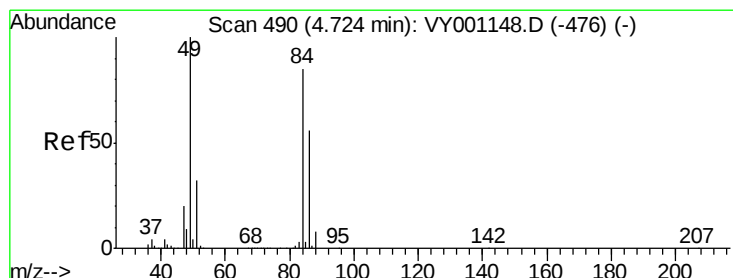
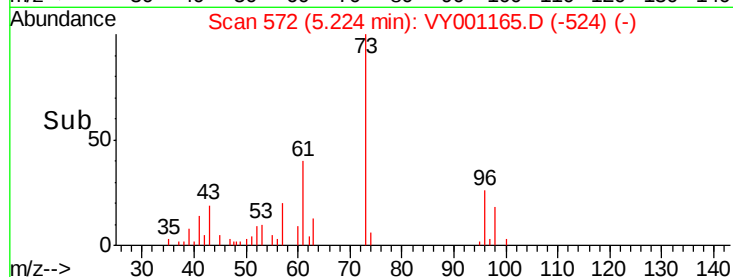
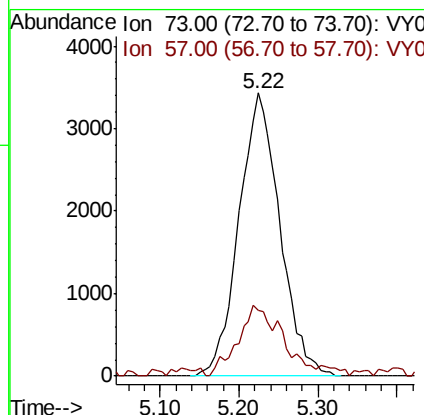
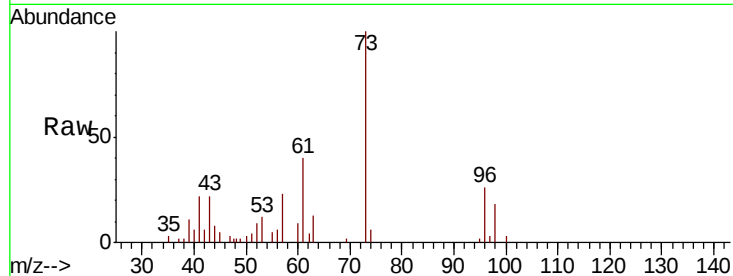




#19
Methyl tert-butyl Ether
Concen: 87.205 ug/l
RT: 5.22 min Scan# 572
Delta R.T. -0.01 min
Lab File: VY001165.D
Acq: 10 Jan 2020 22:07

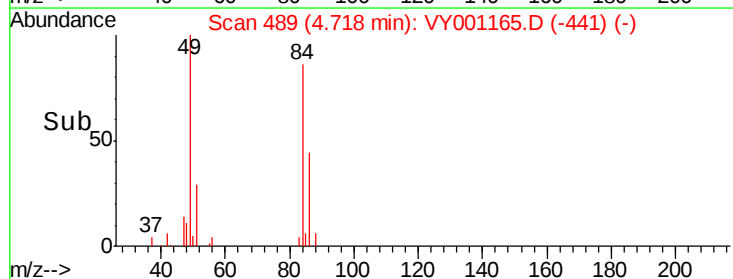
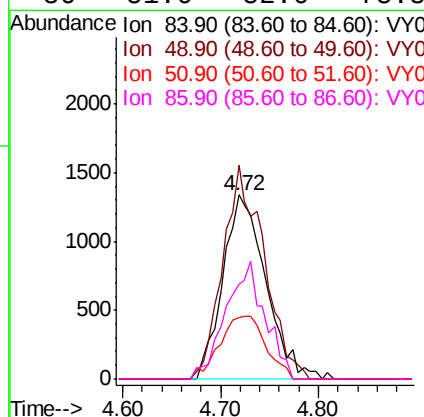
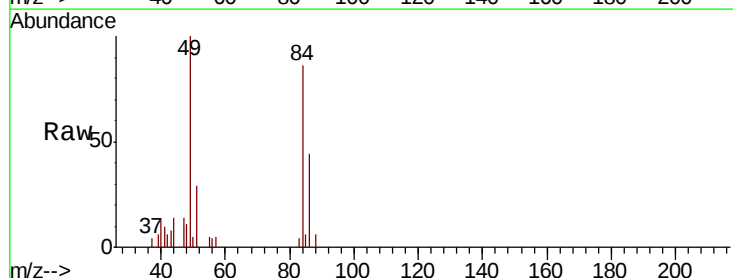
Instrument :
MSVOA_Y
ClientSampleId :
CIY1-SB-04-0-2MSD

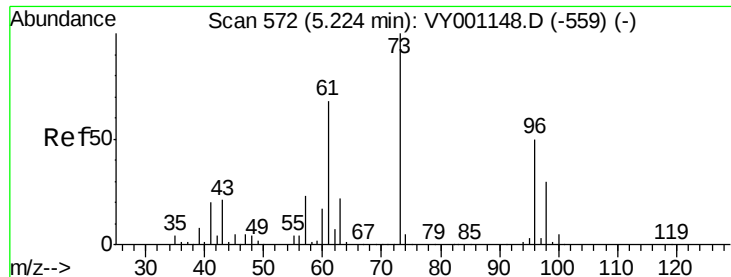
Tot Ion: 73 Resp: 12347
Ion Ratio Lower Upper
73 100
57 21.3 17.8 26.6



#20
Methylene Chloride
Concen: 74.007 ug/l
RT: 4.72 min Scan# 489
Delta R.T. -0.01 min
Lab File: VY001165.D
Acq: 10 Jan 2020 22:07

Tgt Ion: 84 Resp: 4084
Ion Ratio Lower Upper
84 100
49 116.2 93.8 140.6
51 33.7 29.9 44.9
86 51.6 52.6 78.8#





#21

trans-1,2-Dichloroethene

Concen: 54.997 ug/l

RT: 5.24 min Scan# 574

Delta R.T. 0.01 min

Lab File: VY001165.D

Acq: 10 Jan 2020 22:07

Instrument :

MSVOA_Y

ClientSampleId :

CIY1-SB-04-0-2MSD

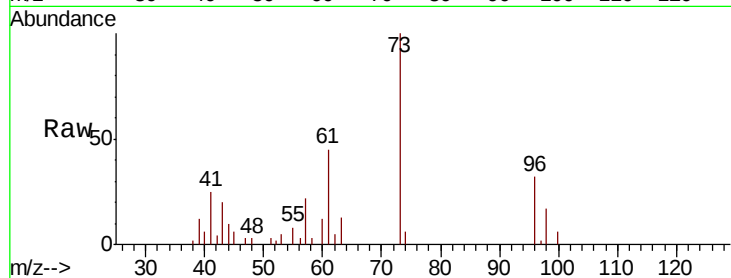
Tot Ion: 96 Resp: 3192

Ion Ratio Lower Upper

96 100

61 140.4 107.6 161.4

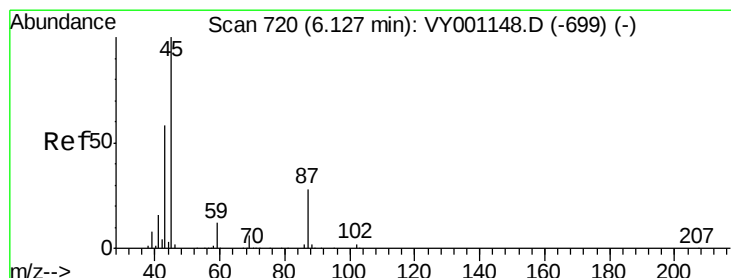
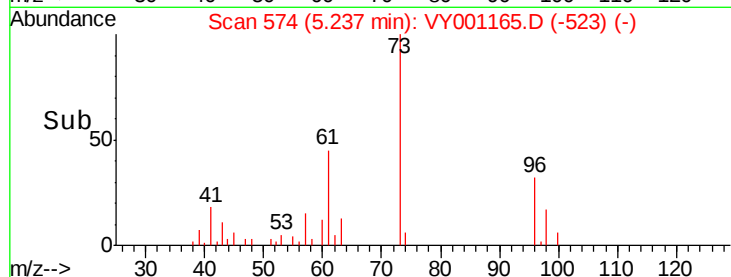
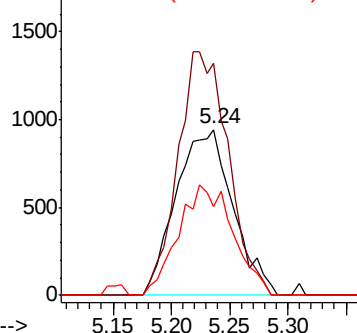
98 53.8 47.6 71.4



Abundance Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 97.90 (97.60 to 98.60): VY0



#22

Diisopropyl ether

Concen: 64.064 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.00 min

Lab File: VY001165.D

Acq: 10 Jan 2020 22:07

Tgt Ion: 45 Resp: 11304

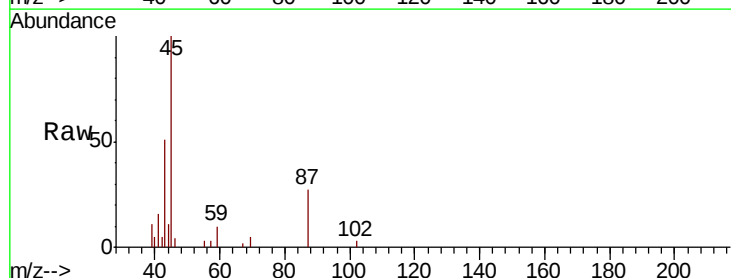
Ion Ratio Lower Upper

45 100

43 46.0 46.5 69.7#

87 26.5 22.5 33.7

59 10.1 9.4 14.0

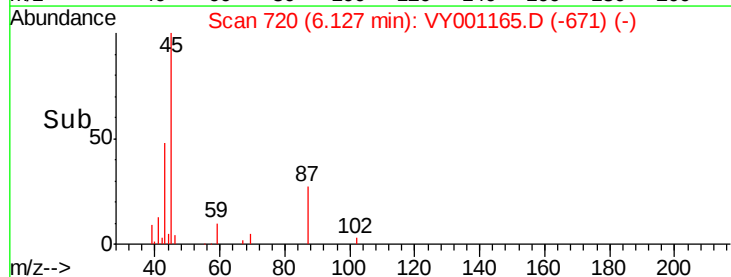
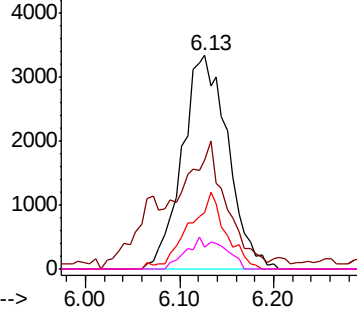


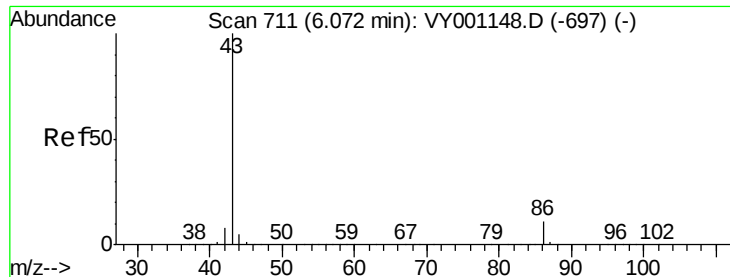
Abundance Ion 45.00 (44.70 to 45.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 87.00 (86.70 to 87.70): VY0

Ion 59.00 (58.70 to 59.70): VY0





#23

Vinyl Acetate

Concen: 18.813 ug/l

RT: 6.07 min Scan# 711

Delta R.T. -0.00 min

Lab File: VY001165.D

Acq: 10 Jan 2020 22:07

Instrument :

MSVOA_Y

ClientSampleId :

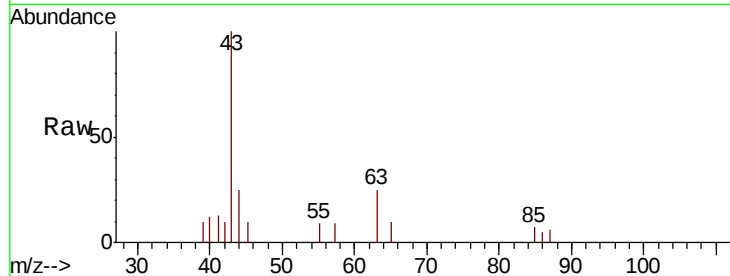
CIY1-SB-04-0-2MSD

Tot Ion: 43 Resp: 2123

Ion Ratio Lower Upper

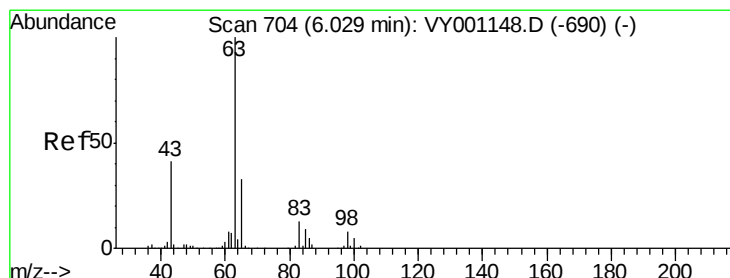
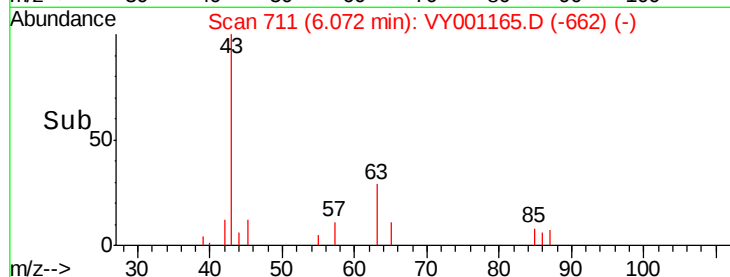
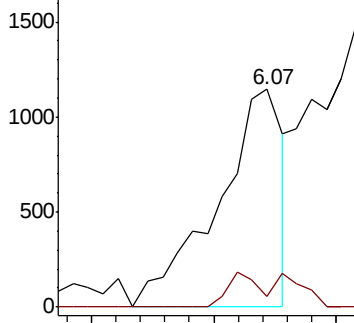
43 100

86 5.0 9.0 13.4#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 56.626 ug/l

RT: 6.03 min Scan# 704

Delta R.T. -0.00 min

Lab File: VY001165.D

Acq: 10 Jan 2020 22:07

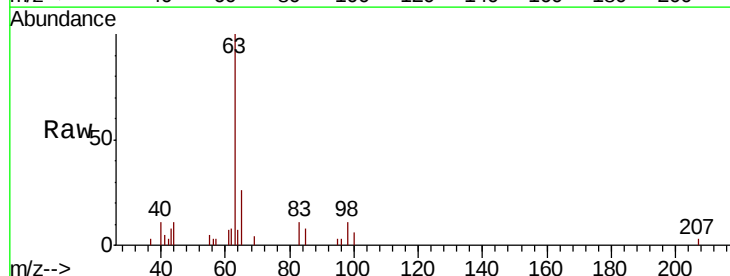
Tgt Ion: 63 Resp: 5470

Ion Ratio Lower Upper

63 100

98 10.6 3.9 11.7

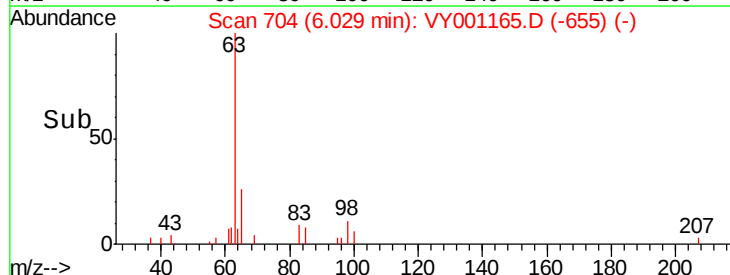
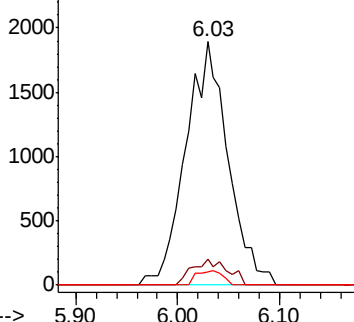
100 5.5 2.4 7.2

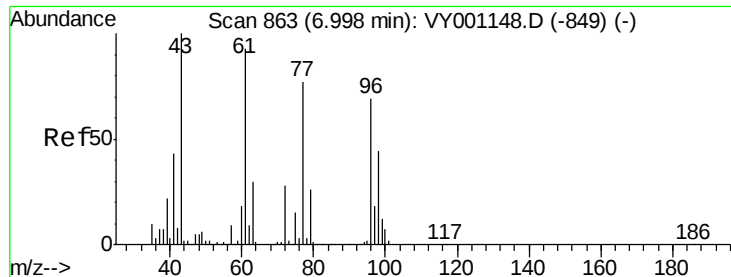


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 603.627 ug/l

RT: 7.00 min Scan# 863

Delta R.T. -0.00 min

Lab File: VY001165.D

Acq: 10 Jan 2020 22:07

Instrument :

MSVOA_Y

ClientSampleId :

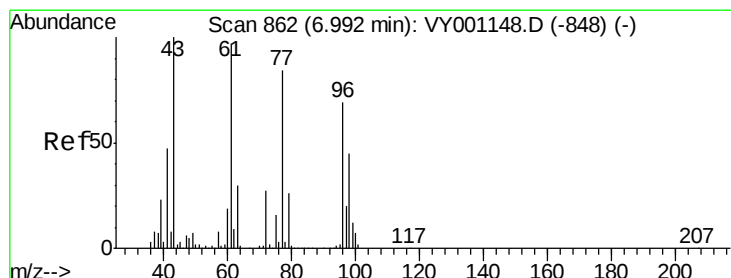
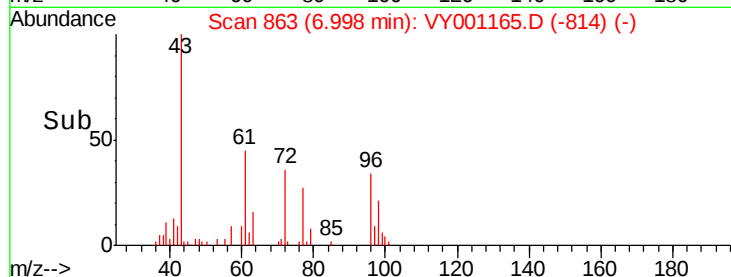
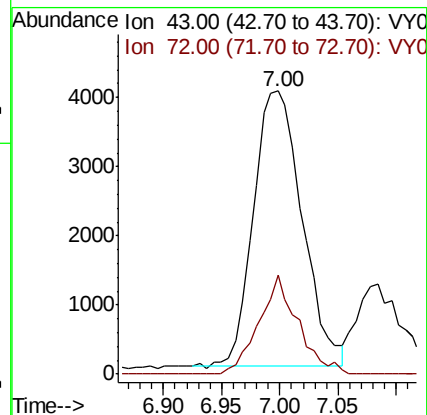
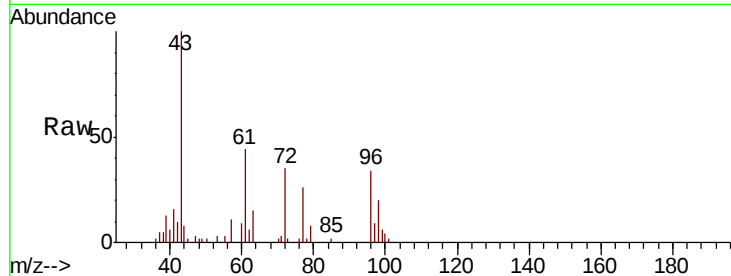
CIY1-SB-04-0-2MSD

Tot Ion: 43 Resp: 11538

Ion Ratio Lower Upper

43 100

72 35.9 22.2 33.2#



#26

2,2-Dichloropropane

Concen: 42.621 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.00 min

Lab File: VY001165.D

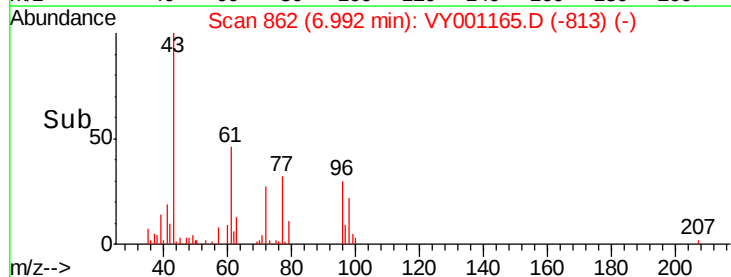
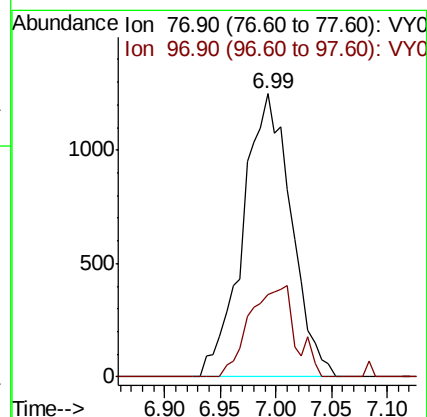
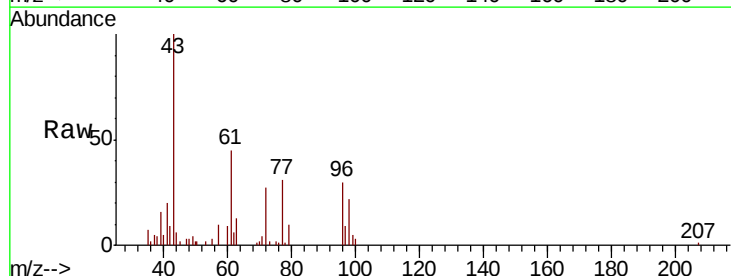
Acq: 10 Jan 2020 22:07

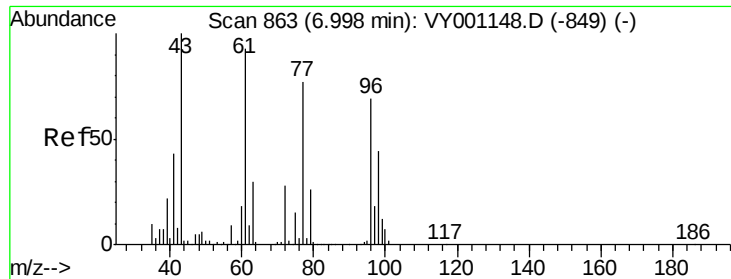
Tgt Ion: 77 Resp: 3786

Ion Ratio Lower Upper

77 100

97 30.3 11.9 35.7

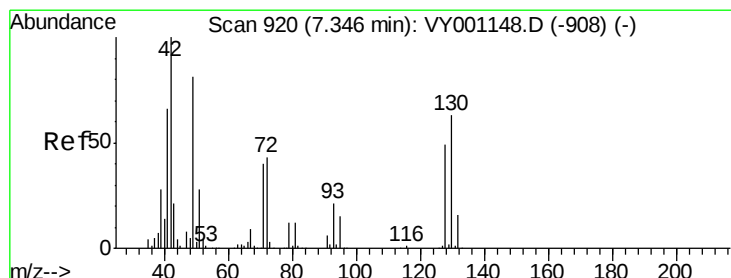
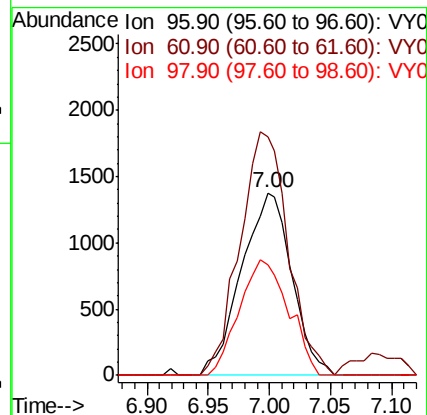
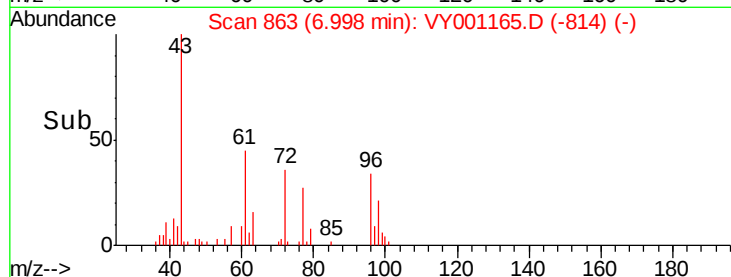
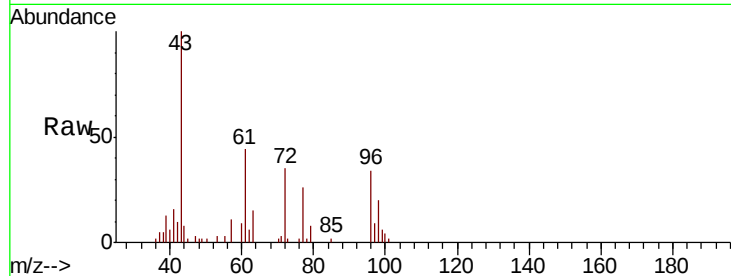




#27
 cis-1,2-Dichloroethene
 Concen: 61.859 ug/l
 RT: 7.00 min Scan# 863
 Delta R.T. -0.00 min
 Lab File: VY001165.D
 Acq: 10 Jan 2020 22:07

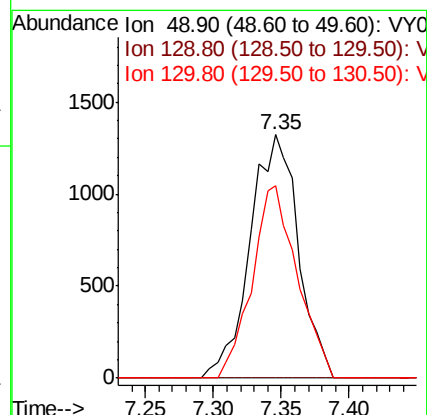
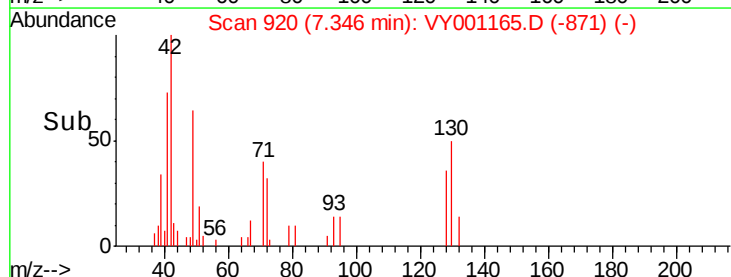
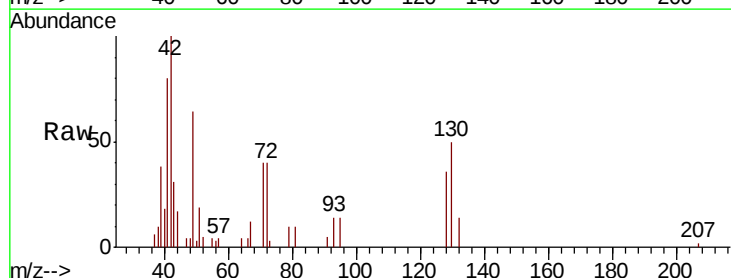
Instrument :
 MSVOA_Y
 ClientSampleId :
 CIY1-SB-04-0-2MSD

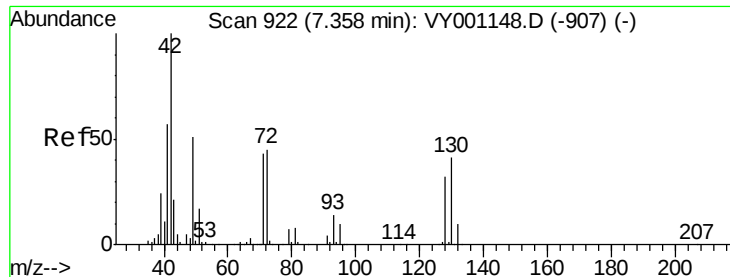
Tot Ion	Ratio	Lower	Upper
96	100		
61	128.1	0.0	284.0
98	62.2	0.0	130.2



#28
 Bromochloromethane
 Concen: 82.688 ug/l
 RT: 7.35 min Scan# 920
 Delta R.T. -0.00 min
 Lab File: VY001165.D
 Acq: 10 Jan 2020 22:07

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.4
130	73.7	61.2	91.8

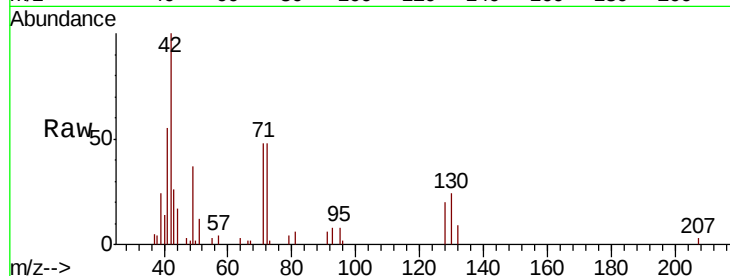




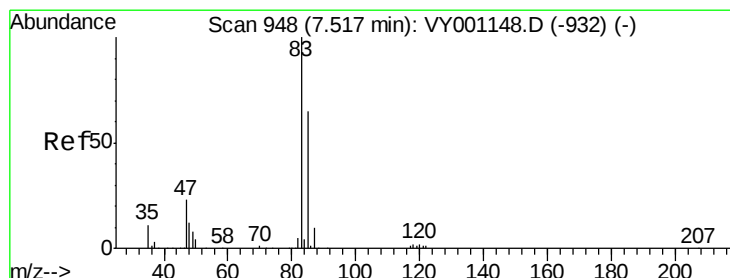
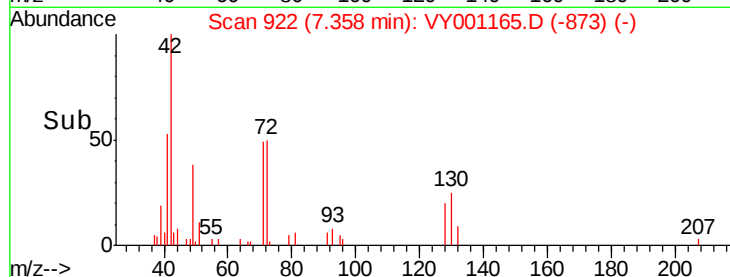
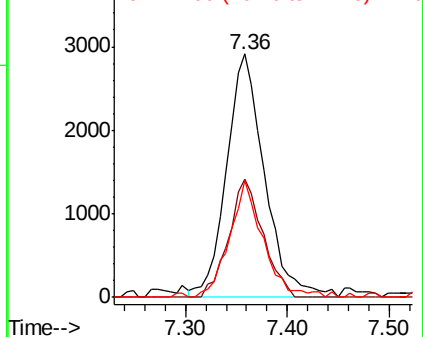
#29
Tetrahydrofuran
Concen: 574.158 ug/l
RT: 7.36 min Scan# 922
Delta R.T. -0.00 min
Lab File: VY001165.D
Acq: 10 Jan 2020 22:07

Instrument :
MSVOA_Y
ClientSampleId :
CIY1-SB-04-0-2MSD

Tot Ion: 42 Resp: 7521
Ion Ratio Lower Upper
42 100
72 43.7 36.9 55.3
71 42.6 34.0 51.0

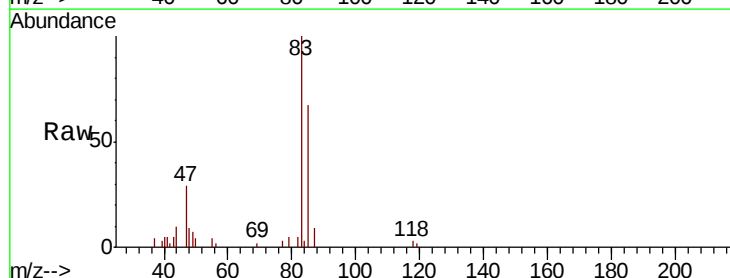


Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

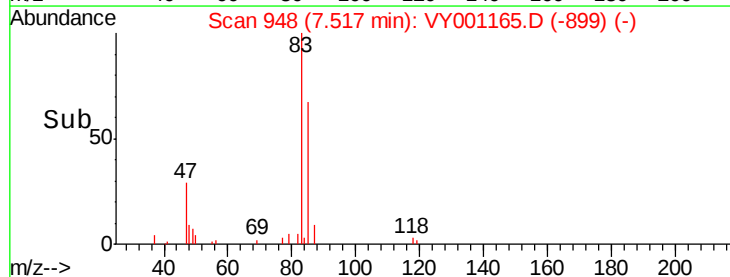
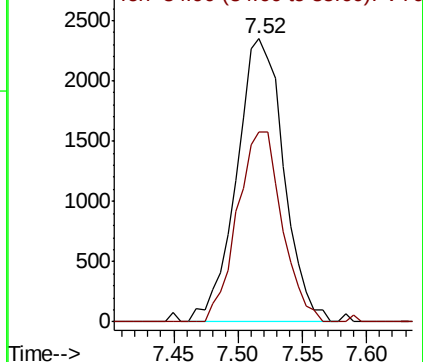


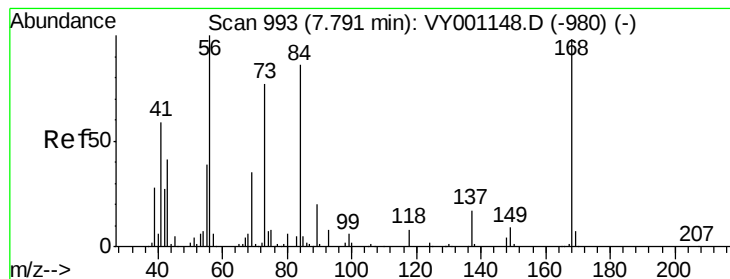
#30
Chloroform
Concen: 63.011 ug/l
RT: 7.52 min Scan# 948
Delta R.T. -0.00 min
Lab File: VY001165.D
Acq: 10 Jan 2020 22:07

Tgt Ion: 83 Resp: 5964
Ion Ratio Lower Upper
83 100
85 67.2 51.9 77.9



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





#31

Cvclohexane

Concen: 51.976 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.01 min

Lab File: VY001165.D

Acq: 10 Jan 2020 22:07

Instrument :

MSVOA_Y

ClientSampleId :

CIY1-SB-04-0-2MSD

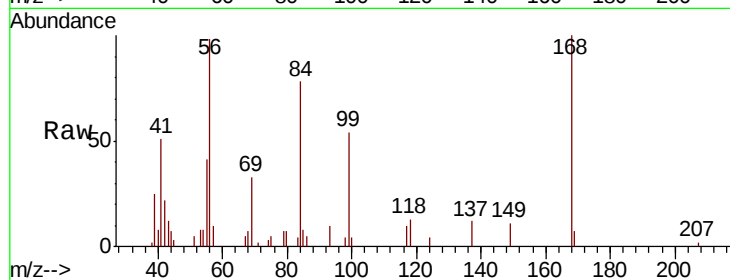
Tot Ion: 56 Resp: 5316

Ion Ratio Lower Upper

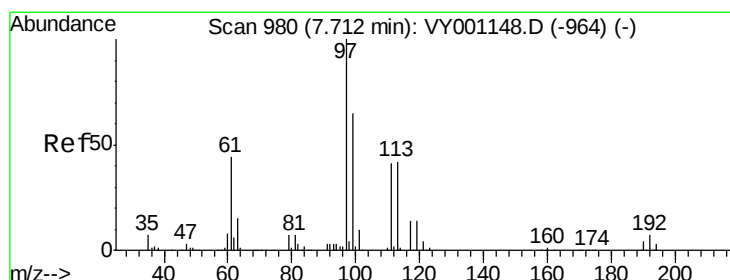
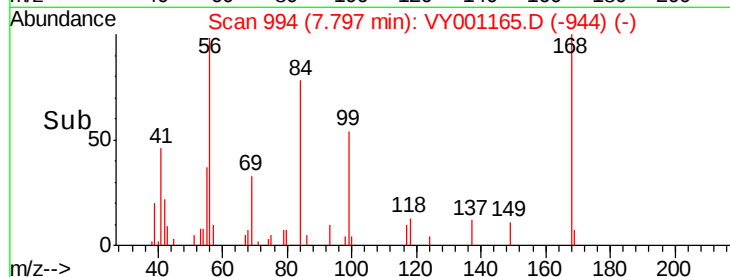
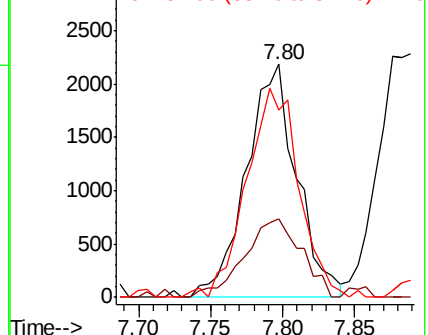
56 100

69 33.8 27.8 41.8

84 77.7 68.9 103.3



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: 53.810 ug/l

RT: 7.71 min Scan# 980

Delta R.T. -0.00 min

Lab File: VY001165.D

Acq: 10 Jan 2020 22:07

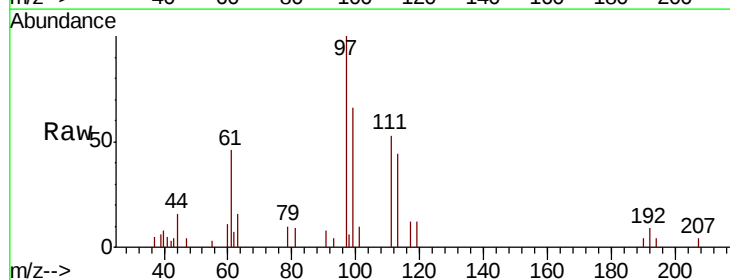
Tgt Ion: 97 Resp: 4519

Ion Ratio Lower Upper

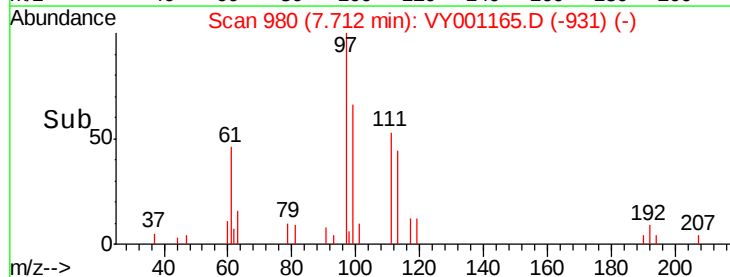
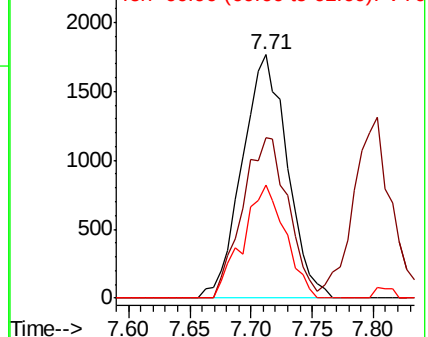
97 100

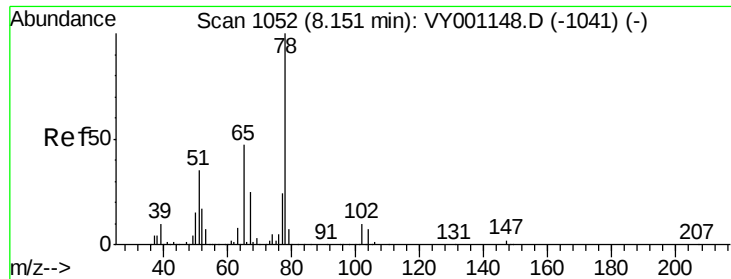
99 67.2 51.3 76.9

61 43.8 34.6 52.0



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

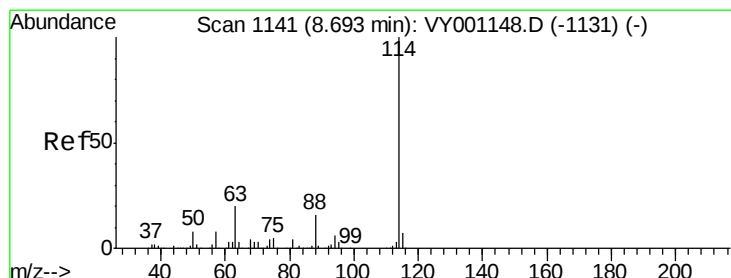
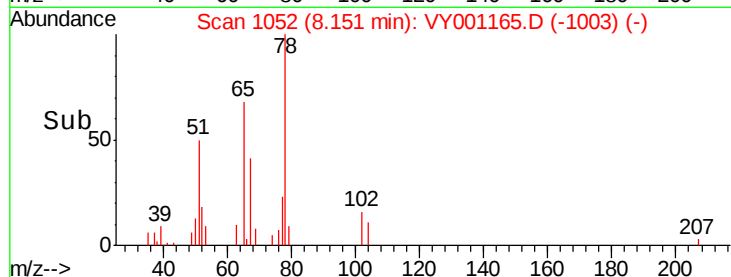
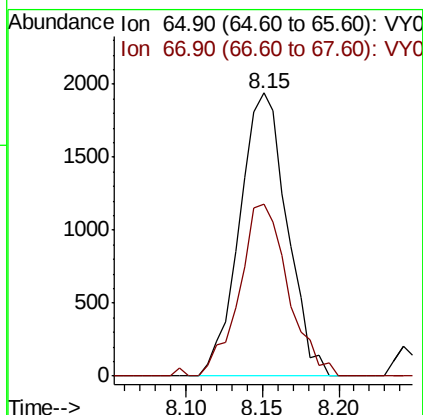
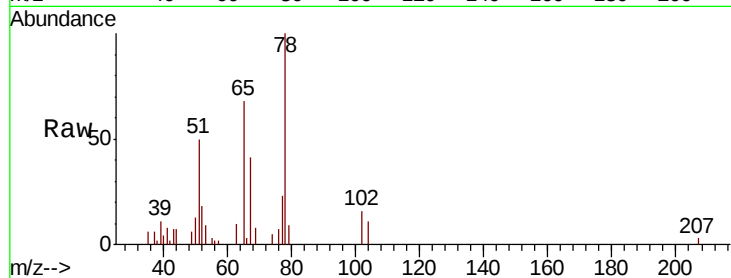




#33
 1,2-Dichloroethane-d4
 Concen: 79.024 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VY001165.D
 Acq: 10 Jan 2020 22:07

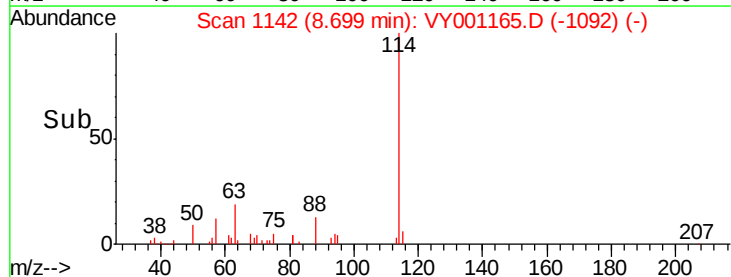
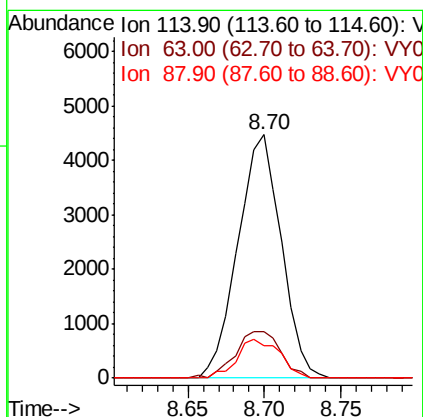
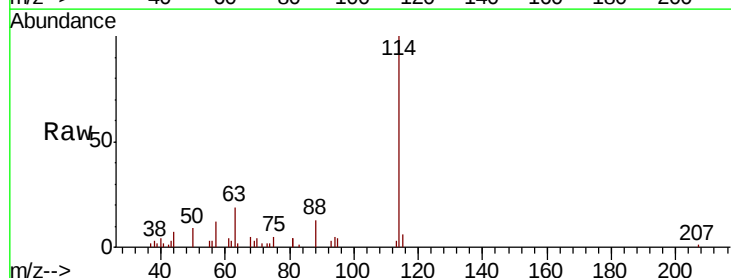
Instrument :
 MSVOA_Y
 ClientSampleId :
 CIY1-SB-04-0-2MSD

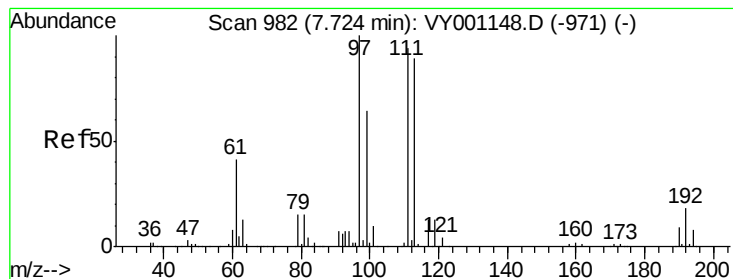
Tot Ion: 65 Resp: 4179
 Ion Ratio Lower Upper
 65 100
 67 62.5 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. 0.01 min
 Lab File: VY001165.D
 Acq: 10 Jan 2020 22:07

Tgt Ion: 114 Resp: 8786
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 40.8
 88 13.4 0.0 32.4





#35

Dibromofluoromethane

Concen: 61.273 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.00 min

Lab File: VY001165.D

Acq: 10 Jan 2020 22:07

Instrument :

MSVOA_Y

ClientSampleId :

CIY1-SB-04-0-2MSD

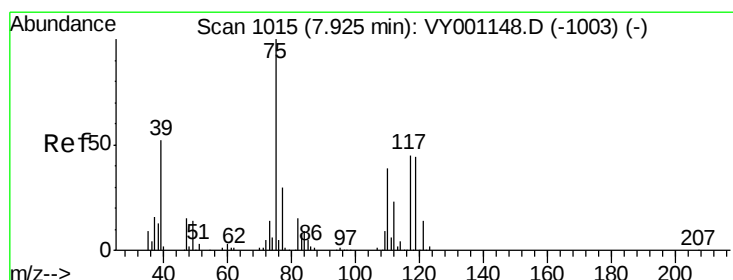
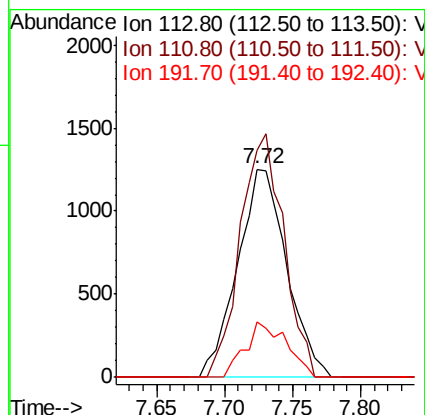
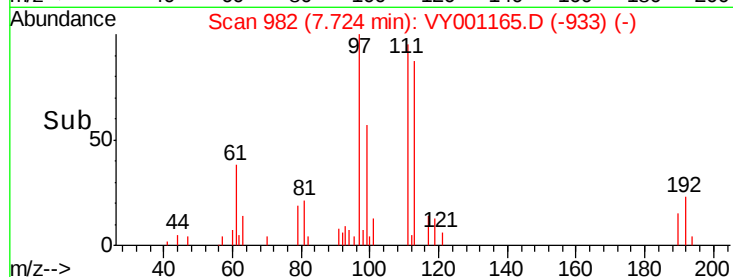
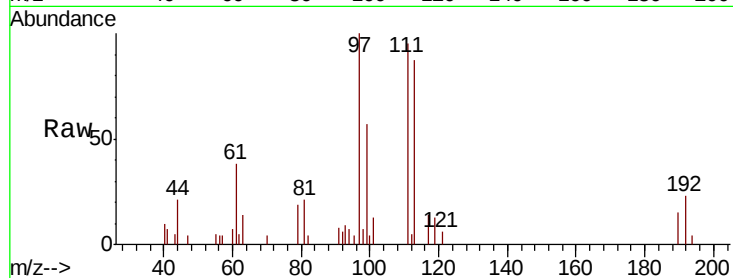
Tot Ion:113 Resp: 3152

Ion Ratio Lower Upper

113 100

111 103.1 82.9 124.3

192 22.1 15.4 23.2



#36

1,1-Dichloropropene

Concen: 50.101 ug/l

RT: 7.93 min Scan# 1016

Delta R.T. 0.01 min

Lab File: VY001165.D

Acq: 10 Jan 2020 22:07

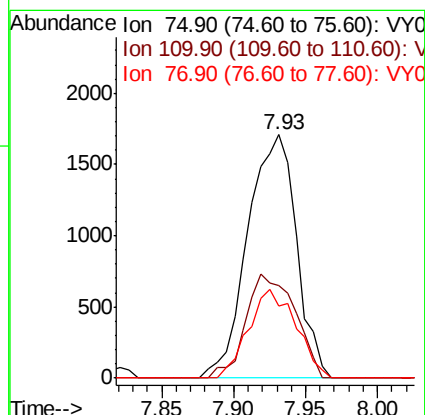
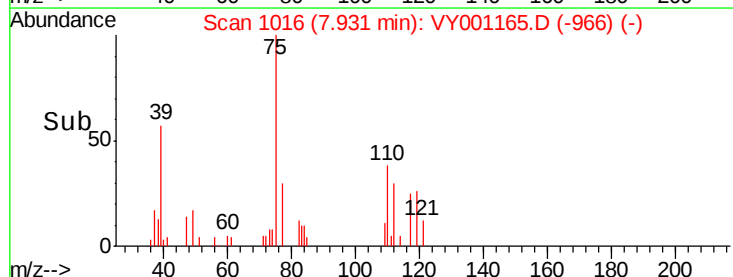
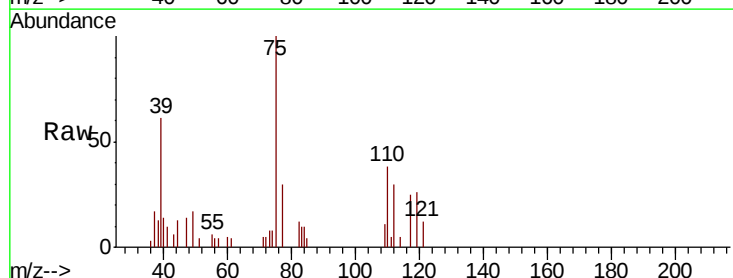
Tgt Ion: 75 Resp: 4012

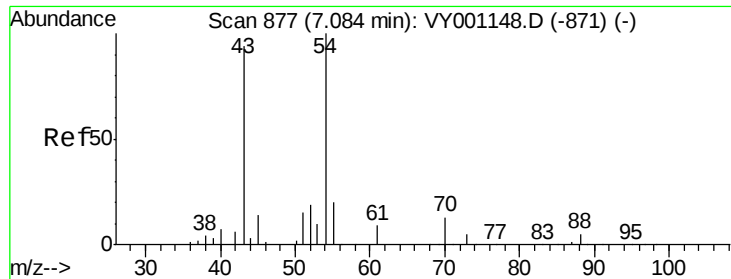
Ion Ratio Lower Upper

75 100

110 43.2 18.3 54.8

77 35.6 25.1 37.7





#37

Ethyl Acetate

Concen: 64.686 ug/l

RT: 7.08 min Scan# 877

Delta R.T. -0.00 min

Lab File: VY001165.D

Acq: 10 Jan 2020 22:07

Instrument :

MSVOA_Y

ClientSampleId :

CIY1-SB-04-0-2MSD

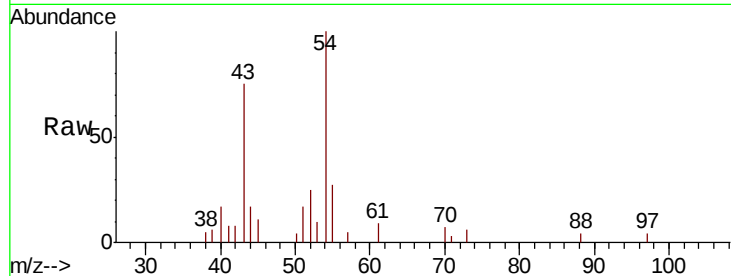
Tot Ion: 43 Resp: 3040

Ion Ratio Lower Upper

43 100

61 14.3 11.1 16.7

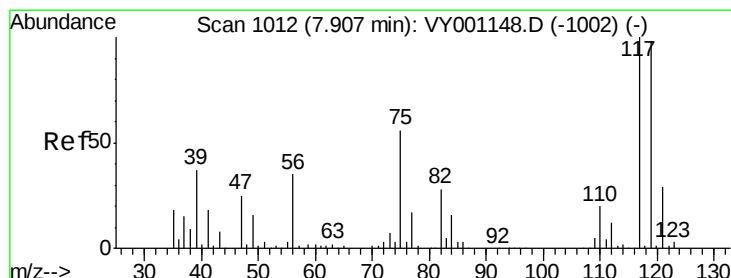
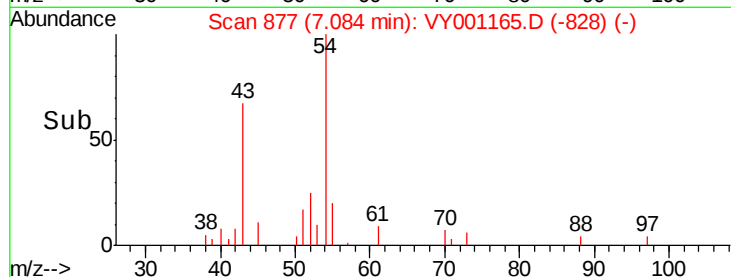
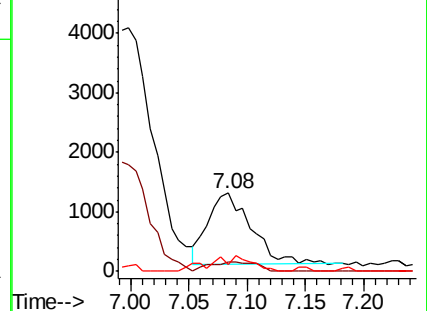
70 10.5 9.7 14.5



Abundance Ion 43.00 (42.70 to 43.70): VY001148.D (-871) (-)

Ion 60.90 (60.60 to 61.60): VY001148.D (-871) (-)

Ion 70.00 (69.70 to 70.70): VY001148.D (-871) (-)



#38

Carbon Tetrachloride

Concen: 48.427 ug/l

RT: 7.91 min Scan# 1012

Delta R.T. -0.00 min

Lab File: VY001165.D

Acq: 10 Jan 2020 22:07

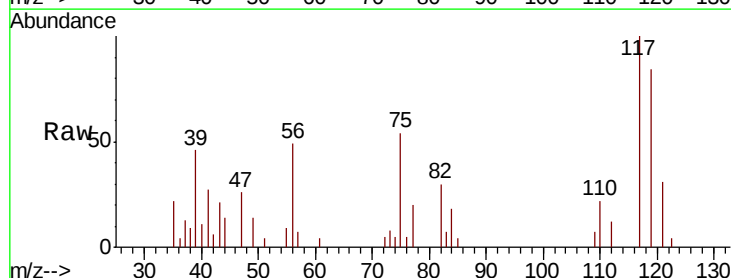
Tgt Ion: 117 Resp: 3554

Ion Ratio Lower Upper

117 100

119 83.9 78.3 117.5

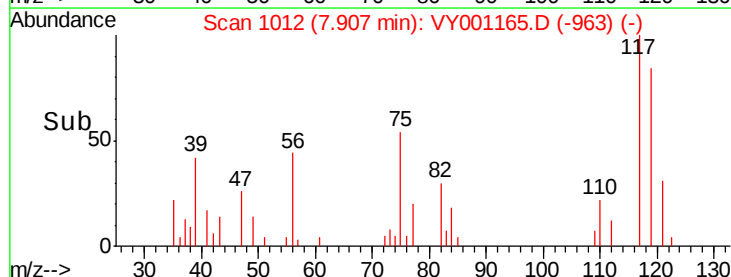
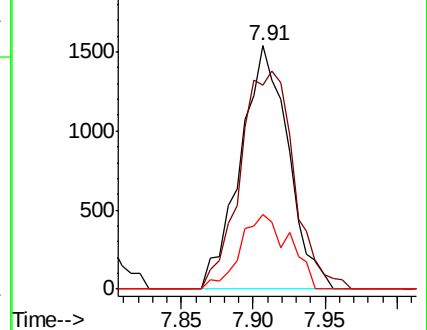
121 30.6 23.5 35.3

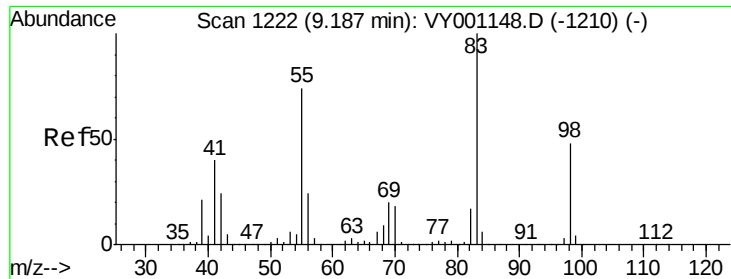


Abundance Ion 116.80 (116.50 to 117.50): VY001148.D (-1002) (-)

Ion 118.80 (118.50 to 119.50): VY001148.D (-1002) (-)

Ion 120.80 (120.50 to 121.50): VY001148.D (-1002) (-)

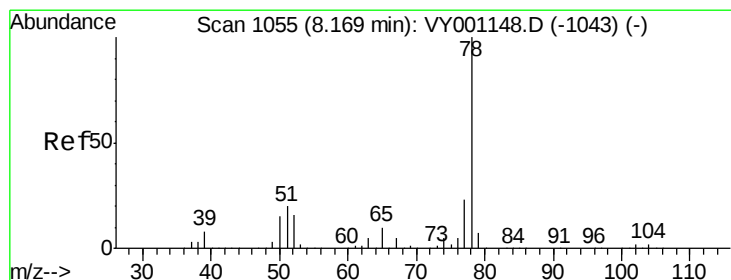
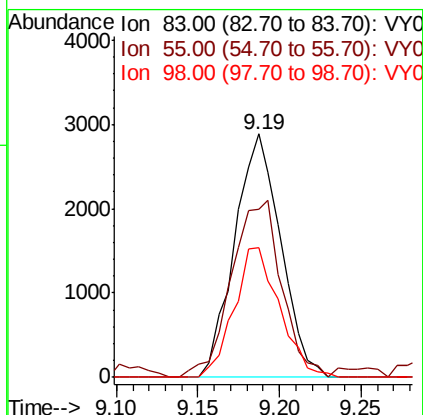
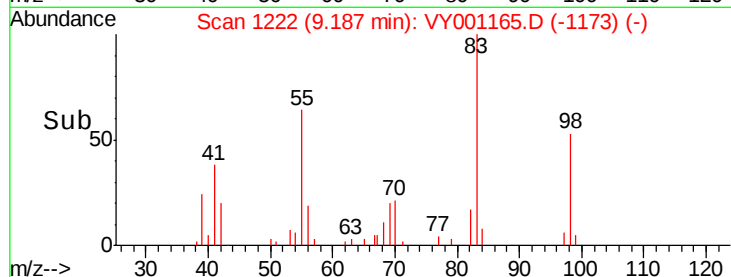
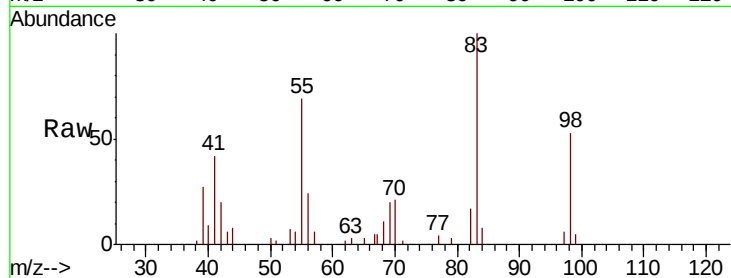




#39
Methvlcvclohexane
Concen: 52.393 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY001165.D
Acq: 10 Jan 2020 22:07

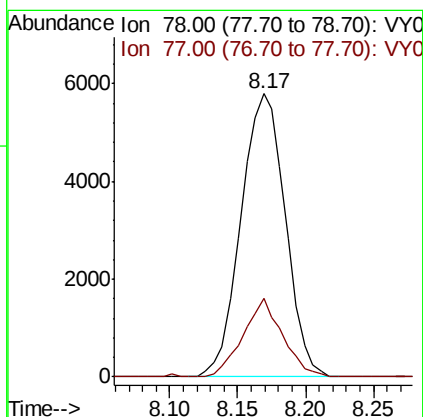
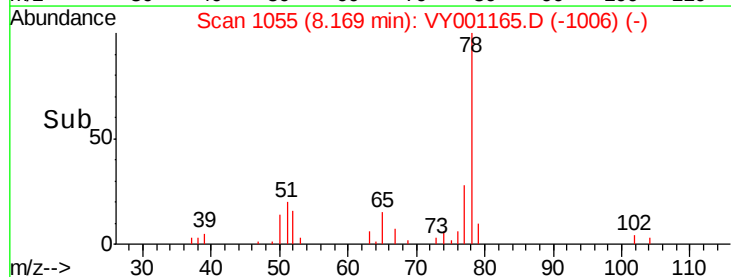
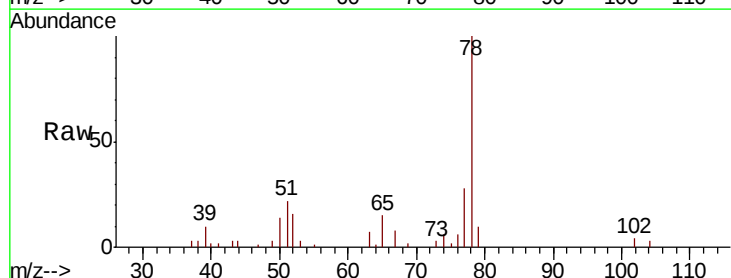
Instrument :
MSVOA_Y
ClientSampleId :
CIY1-SB-04-0-2MSD

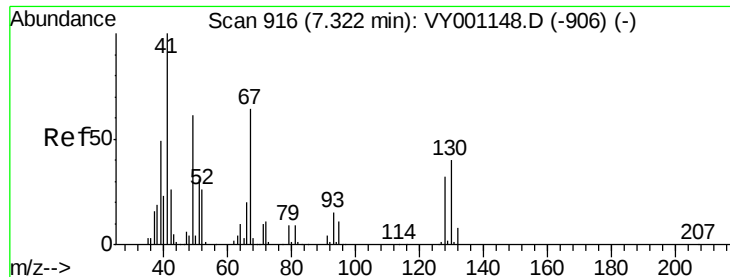
Tot Ion: 83 Resp: 5688
Ion Ratio Lower Upper
83 100
55 66.3 58.9 88.3
98 53.3 38.4 57.6



#40
Benzene
Concen: 56.490 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.00 min
Lab File: VY001165.D
Acq: 10 Jan 2020 22:07

Tgt Ion: 78 Resp: 13205
Ion Ratio Lower Upper
78 100
77 27.8 18.8 28.2

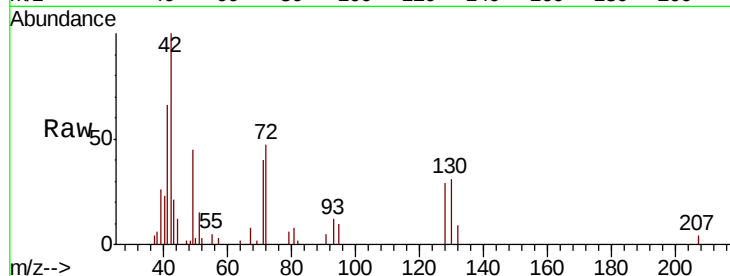




#41
Methacrylonitrile
Concen: 309.522 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.03 min
Lab File: VY001165.D
Acq: 10 Jan 2020 22:07

Instrument :
MSVOA_Y
ClientSampleId :
CIY1-SB-04-0-2MSD

Tot Ion	Ratio	Lower	Upper
41	100		
39	0.0	103.5	155.3#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



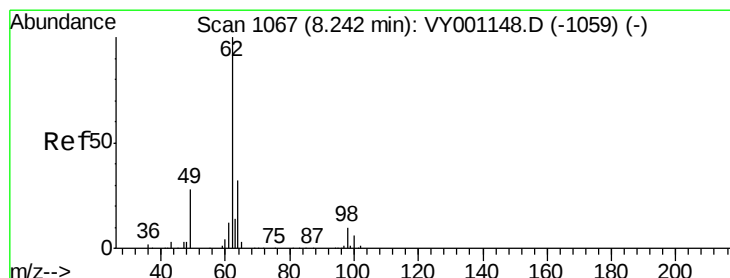
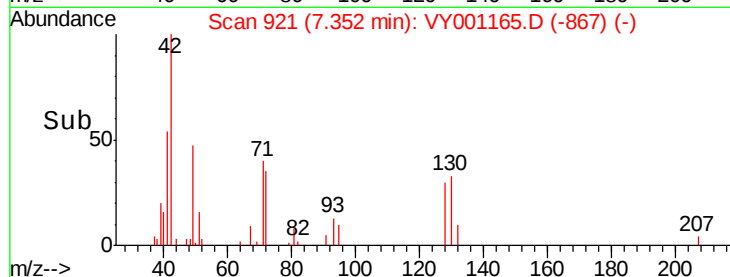
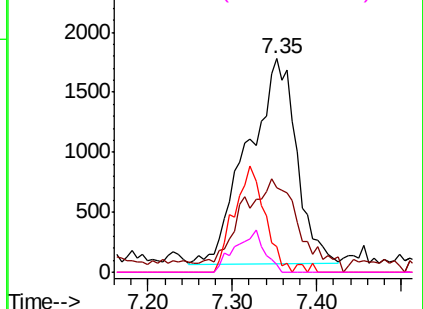
Abundance

Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

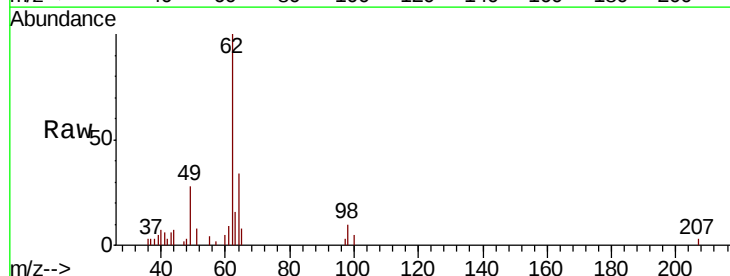
Ion 67.00 (66.70 to 67.70): VY0

Ion 52.00 (51.70 to 52.70): VY0



#42
1,2-Dichloroethane
Concen: 77.398 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.00 min
Lab File: VY001165.D
Acq: 10 Jan 2020 22:07

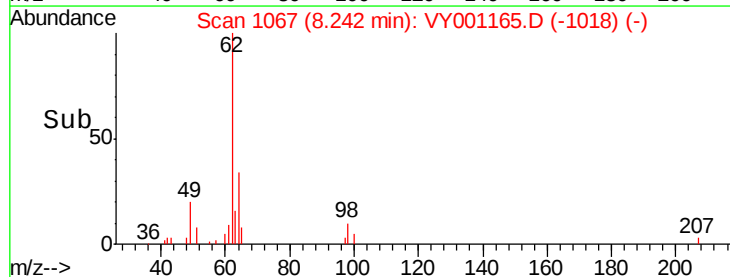
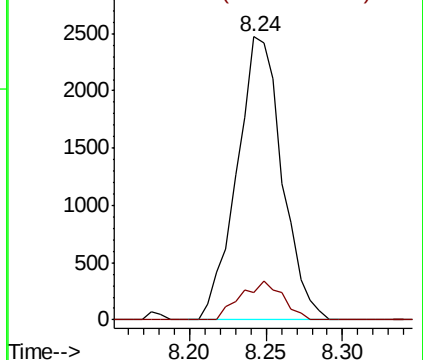
Tgt Ion	Ratio	Lower	Upper
62	100		
98	12.9	0.0	20.4

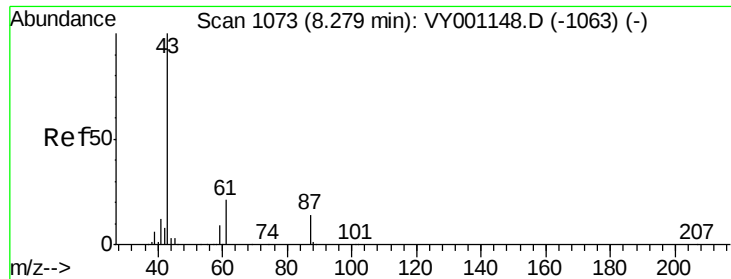


Abundance

Ion 61.90 (61.60 to 62.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

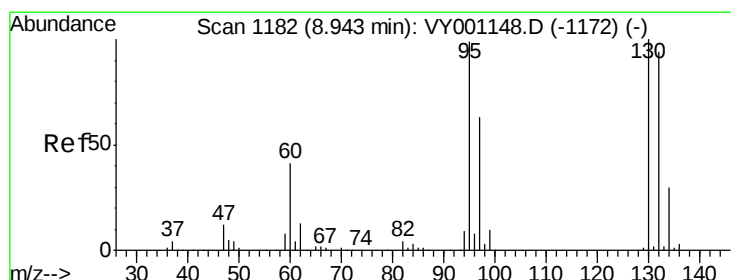
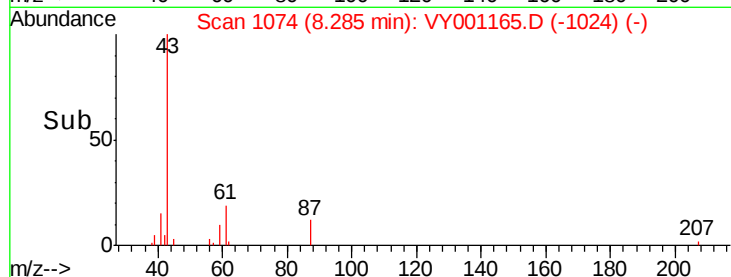
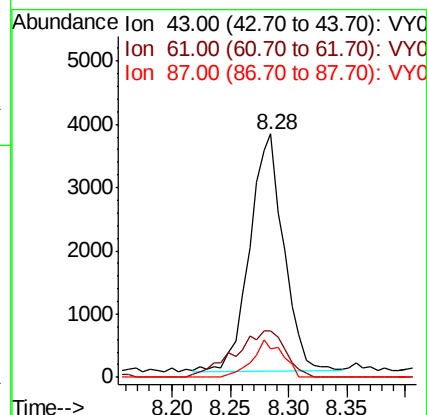
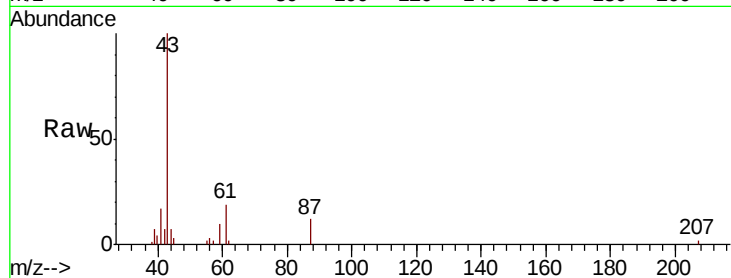




#43
Isopropyl Acetate
Concen: 84.826 ug/l
RT: 8.28 min Scan# 1074
Delta R.T. 0.01 min
Lab File: VY001165.D
Acq: 10 Jan 2020 22:07

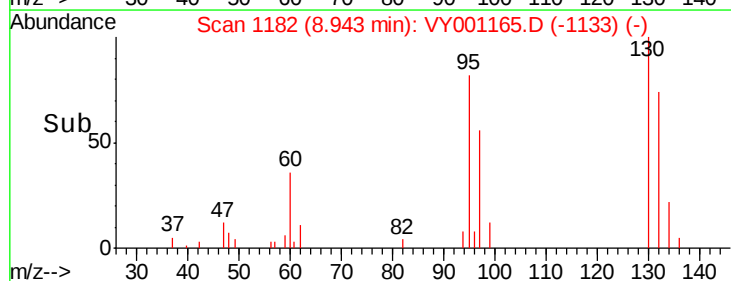
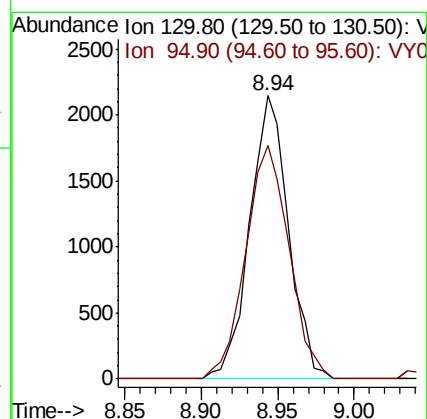
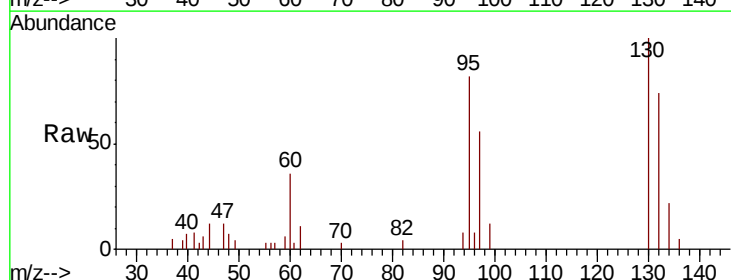
Instrument :
MSVOA_Y
ClientSampleId :
CIY1-SB-04-0-2MSD

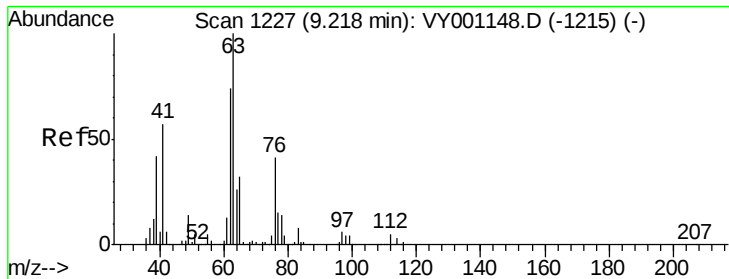
Tot Ion: 43 Resp: 7623
Ion Ratio Lower Upper
43 100
61 29.3 23.9 35.9
87 13.8 11.4 17.2



#44
Trichloroethene
Concen: 62.157 ug/l
RT: 8.94 min Scan# 1182
Delta R.T. -0.00 min
Lab File: VY001165.D
Acq: 10 Jan 2020 22:07

Tgt Ion: 130 Resp: 3786
Ion Ratio Lower Upper
130 100
95 82.4 0.0 197.6





#45

1,2-Dichloropropane

Concen: 65.168 ug/l

RT: 9.22 min Scan# 1227

Delta R.T. -0.00 min

Lab File: VY001165.D

Acq: 10 Jan 2020 22:07

Instrument :

MSVOA_Y

ClientSampleId :

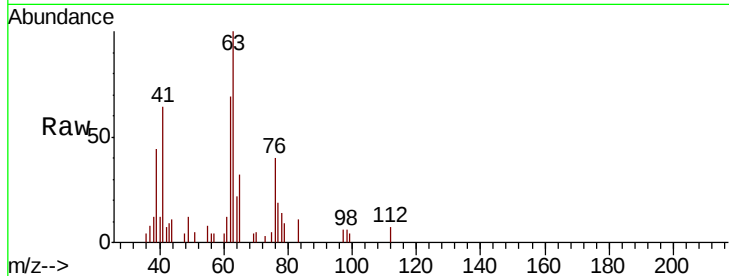
CIY1-SB-04-0-2MSD

Tot Ion: 63 Resp: 3766

Ion Ratio Lower Upper

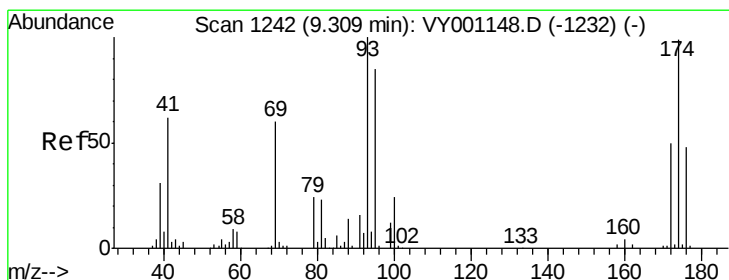
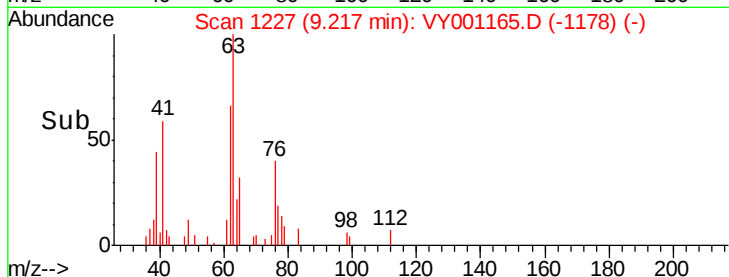
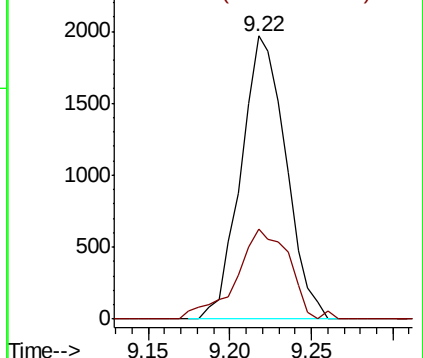
63 100

65 31.9 25.8 38.8



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 64.90 (64.60 to 65.60): VY0



#46

Dibromomethane

Concen: 79.446 ug/l

RT: 9.32 min Scan# 1243

Delta R.T. 0.01 min

Lab File: VY001165.D

Acq: 10 Jan 2020 22:07

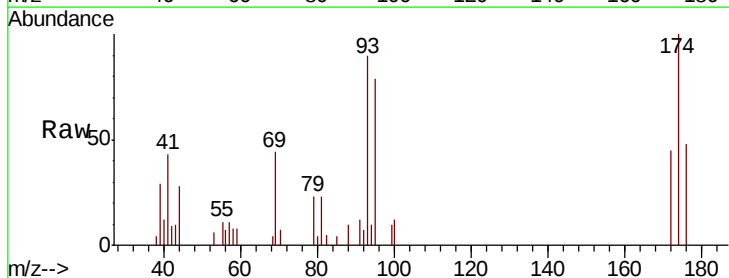
Tgt Ion: 93 Resp: 2505

Ion Ratio Lower Upper

93 100

95 91.0 66.8 100.2

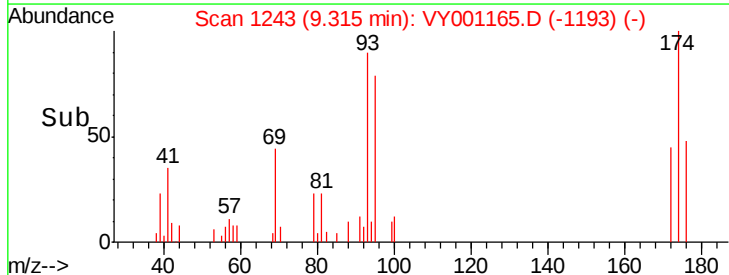
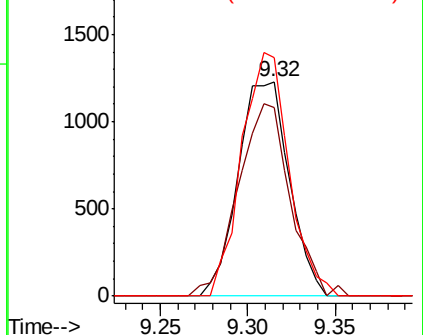
174 104.9 78.4 117.6

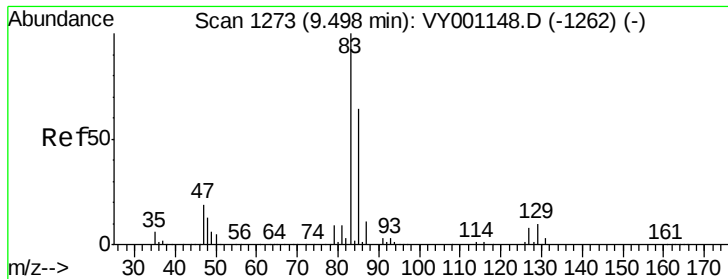


Abundance Ion 92.80 (92.50 to 93.50): VY0

Ion 94.80 (94.50 to 95.50): VY0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 71.470 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.00 min

Lab File: VY001165.D

Acq: 10 Jan 2020 22:07

Instrument :

MSVOA_Y

ClientSampleId :

CIY1-SB-04-0-2MSD

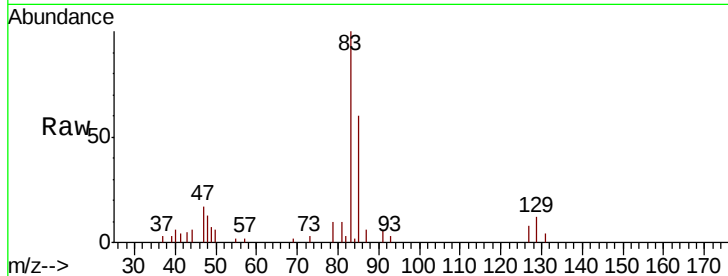
Tot Ion: 83 Resp: 5492

Ion Ratio Lower Upper

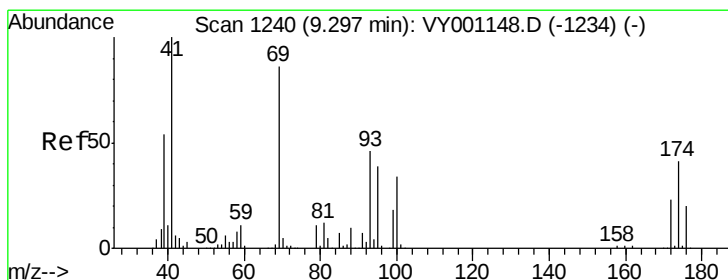
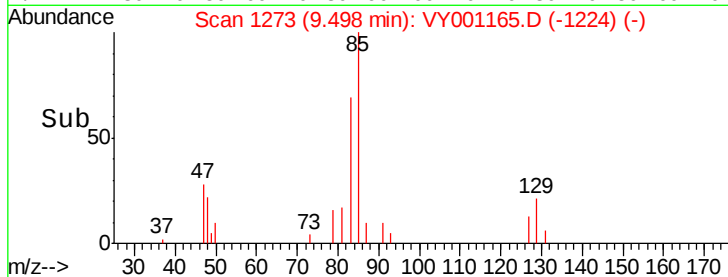
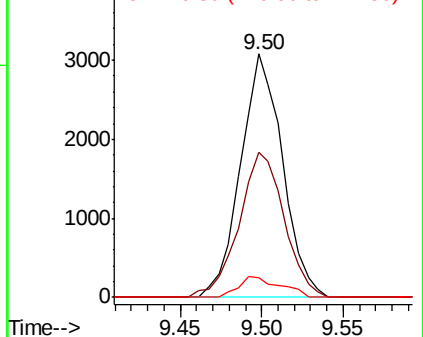
83 100

85 59.6 51.5 77.3

127 7.9 6.3 9.5



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: 104.193 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VY001165.D

Acq: 10 Jan 2020 22:07

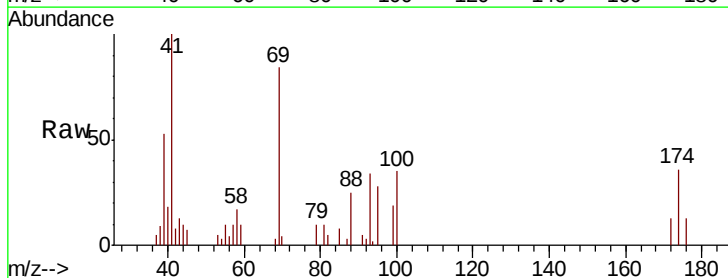
Tgt Ion: 41 Resp: 4333

Ion Ratio Lower Upper

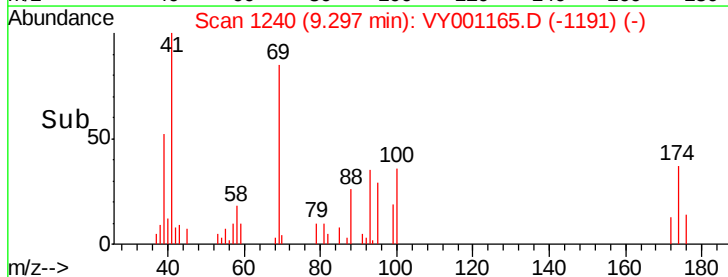
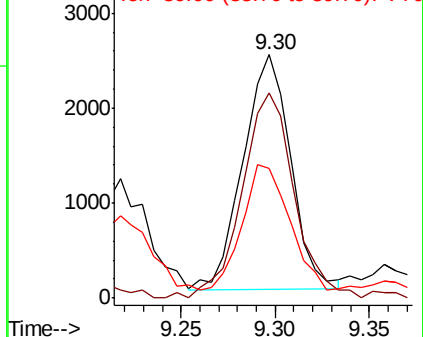
41 100

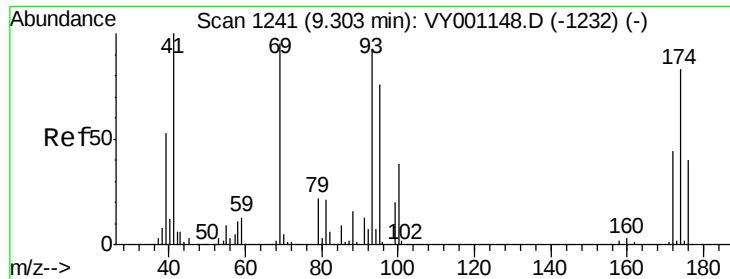
69 95.4 69.8 104.8

39 58.0 45.2 67.8



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: 2789.147 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. -0.01 min

Lab File: VY001165.D

Acq: 10 Jan 2020 22:07

Instrument :

MSVOA_Y

ClientSampleId :

CIY1-SB-04-0-2MSD

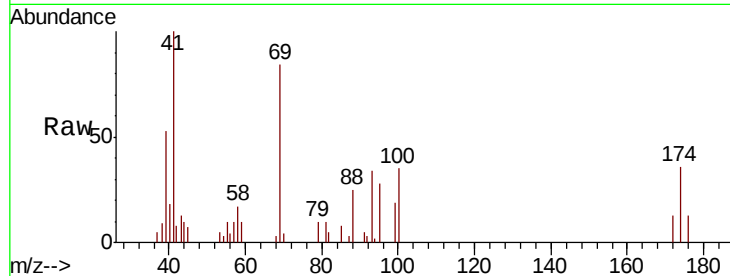
Tot Ion: 88 Resp: 1071

Ion Ratio Lower Upper

88 100

43 45.5 22.4 33.6#

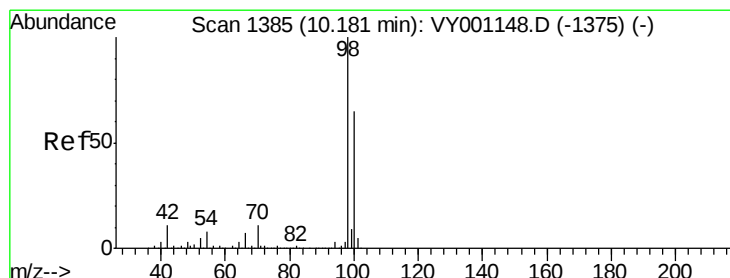
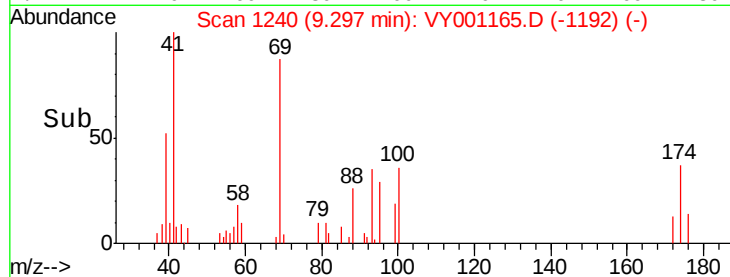
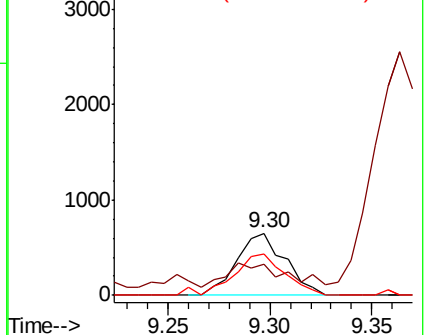
58 71.3 58.0 87.0



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: 56.631 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY001165.D

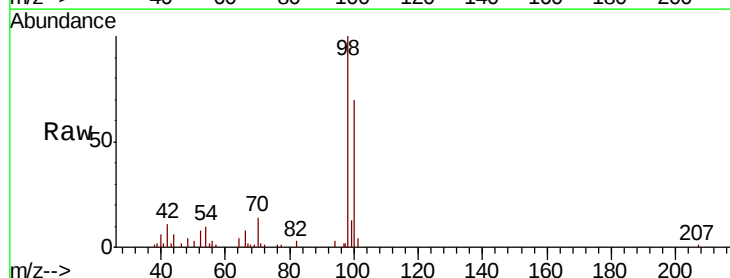
Acq: 10 Jan 2020 22:07

Tgt Ion: 98 Resp: 11225

Ion Ratio Lower Upper

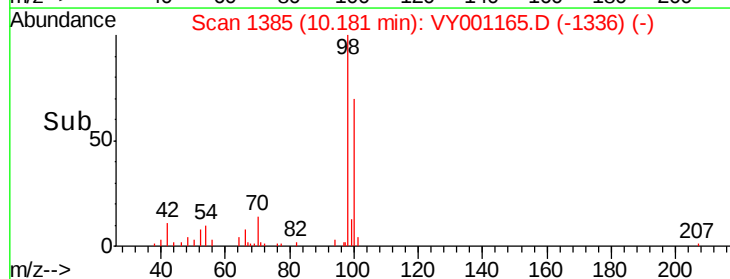
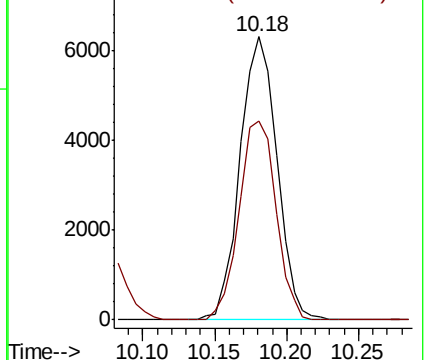
98 100

100 70.1 53.1 79.7



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: 489.965 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. -0.00 min

Lab File: VY001165.D

Acq: 10 Jan 2020 22:07

Instrument :

MSVOA_Y

ClientSampleId :

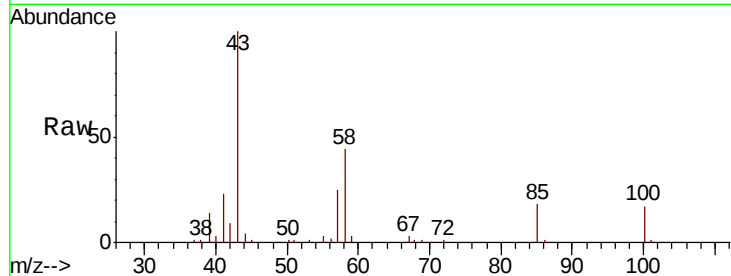
CIY1-SB-04-0-2MSD

Tot Ion: 43 Resp: 22342

Ion Ratio Lower Upper

43 100

58 41.1 32.3 48.5



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

15000

1007

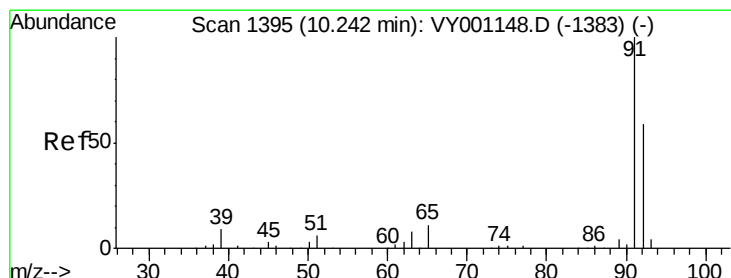
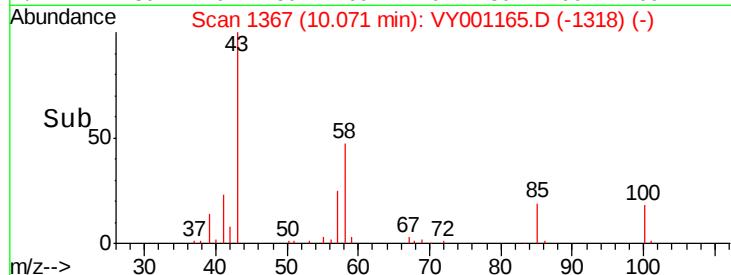
10000

5000

0

Time-->

10.00 10.10



#52

Toluene

Concen: 53.075 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. -0.00 min

Lab File: VY001165.D

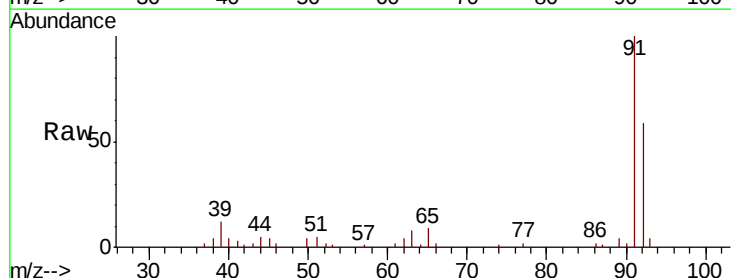
Acq: 10 Jan 2020 22:07

Tgt Ion: 92 Resp: 7913

Ion Ratio Lower Upper

92 100

91 170.5 136.6 204.8



Abundance Ion 92.00 (91.70 to 92.70): VY0

Ion 91.00 (90.70 to 91.70): VY0

8000

10.24

6000

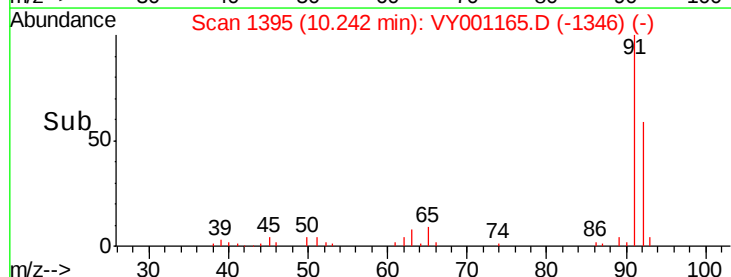
4000

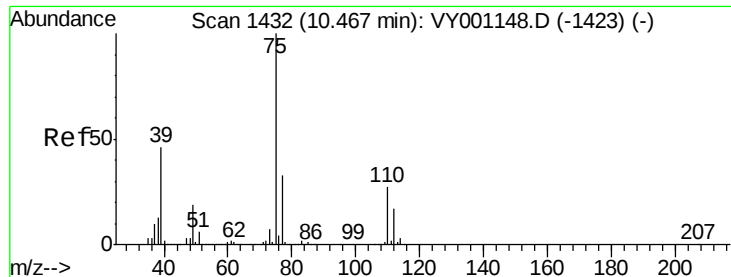
2000

0

Time-->

10.20 10.25 10.30





#53

t-1,3-Dichloropropene

Concen: 59.950 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VY001165.D

Acq: 10 Jan 2020 22:07

Instrument :

MSVOA_Y

ClientSampleId :

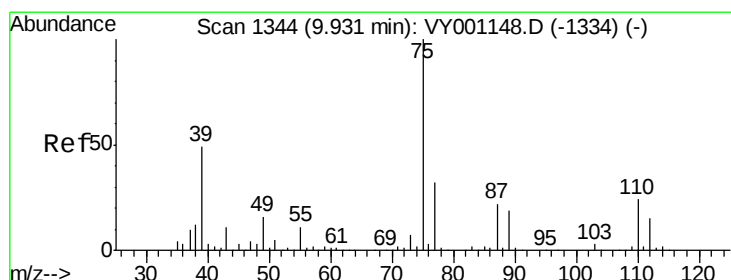
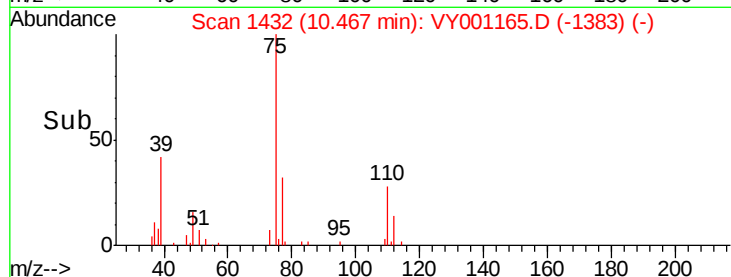
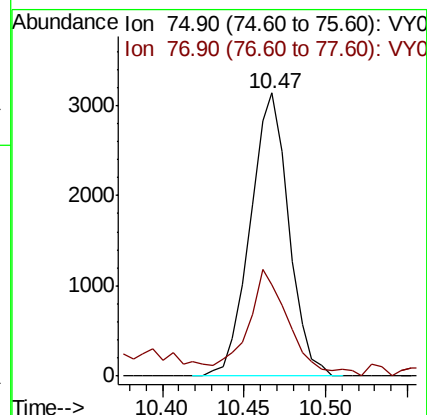
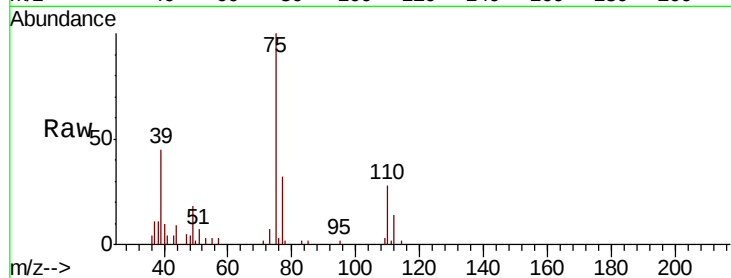
CIY1-SB-04-0-2MSD

Tot Ion: 75 Resp: 5155

Ion Ratio Lower Upper

75 100

77 29.8 26.2 39.2



#54

cis-1,3-Dichloropropene

Concen: 62.776 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. -0.00 min

Lab File: VY001165.D

Acq: 10 Jan 2020 22:07

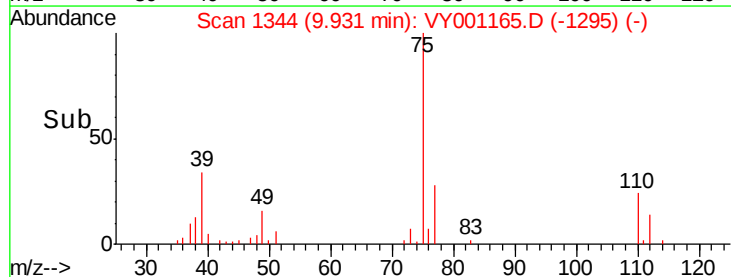
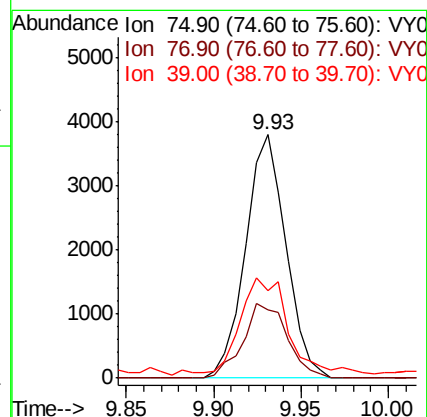
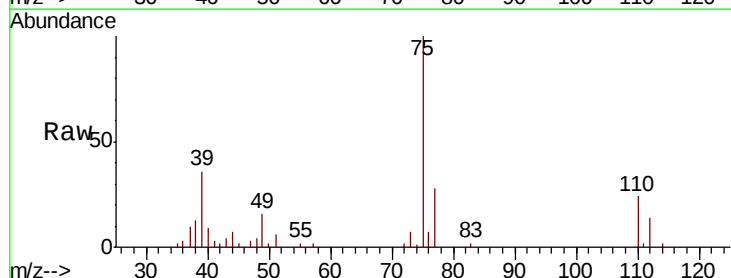
Tgt Ion: 75 Resp: 6086

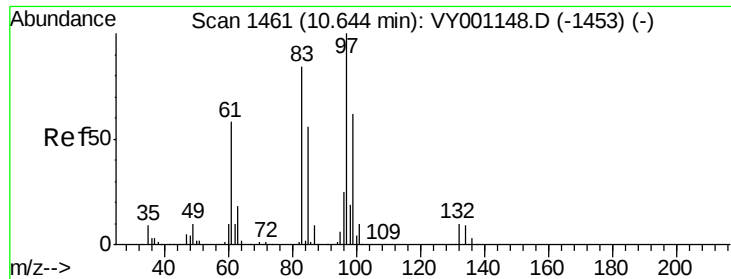
Ion Ratio Lower Upper

75 100

77 27.9 25.3 37.9

39 34.0 39.1 58.7#

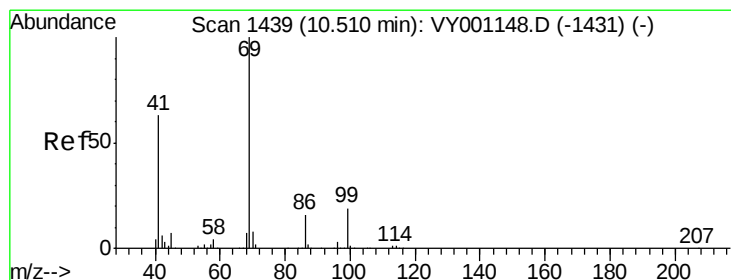
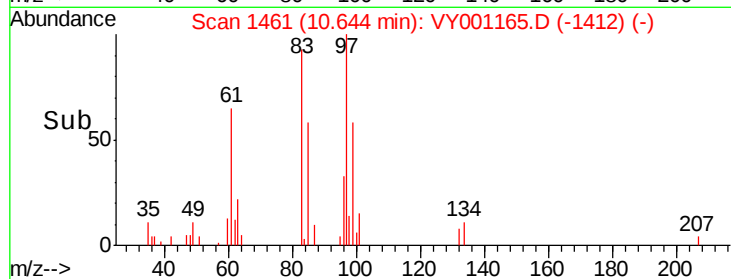
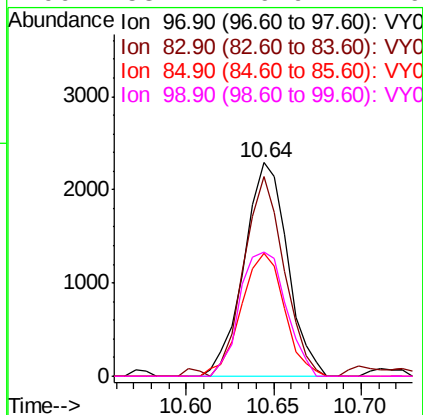
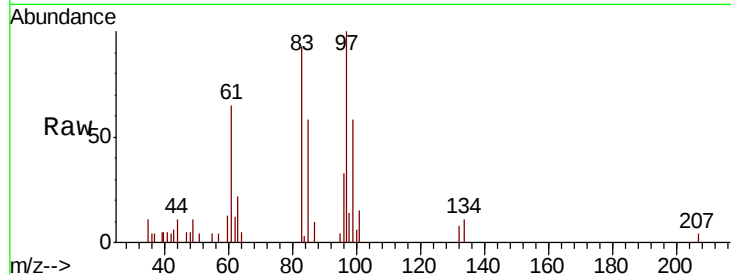




#55
 1,1,2-Trichloroethane
 Concen: 85.016 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.00 min
 Lab File: VY001165.D
 Acq: 10 Jan 2020 22:07

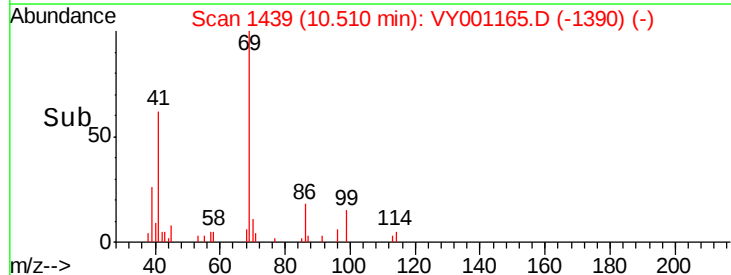
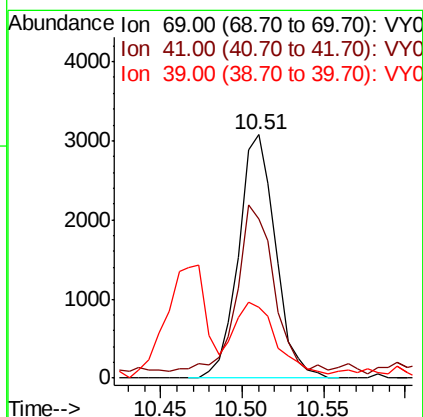
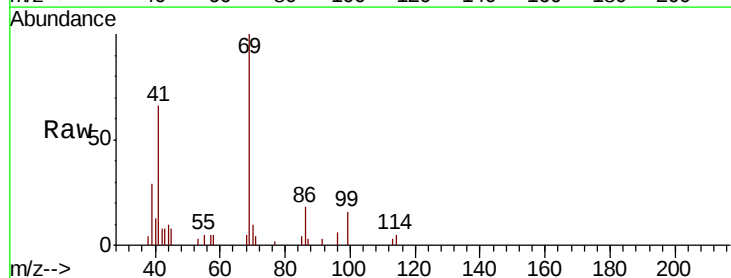
Instrument :
 MSVOA_Y
 ClientSampleId :
 CIY1-SB-04-0-2MSD

Tot Ion:	97	Resp:	3974
Ion	Ratio	Lower	Upper
97	100		
83	93.2	67.2	100.8
85	57.8	44.9	67.3
99	58.4	49.9	74.9



#56
 Ethyl methacrylate
 Concen: 68.025 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: VY001165.D
 Acq: 10 Jan 2020 22:07

Tgt Ion:	69	Resp:	4864
Ion	Ratio	Lower	Upper
69	100		
41	66.9	51.4	77.2
39	33.7	26.3	39.5





#57

1,3-Dichloropropane

Concen: 79.579 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. -0.00 min

Lab File: VY001165.D

Acq: 10 Jan 2020 22:07

Instrument :

MSVOA_Y

ClientSampleId :

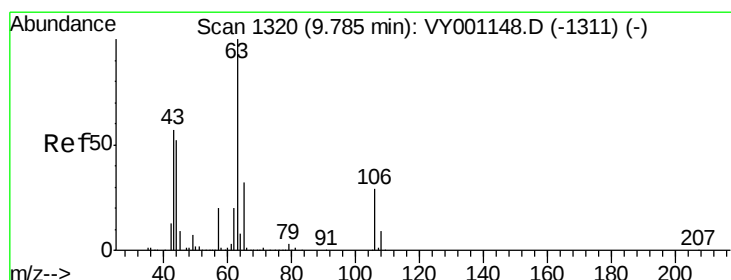
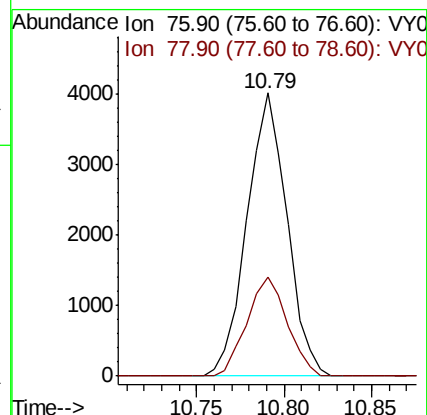
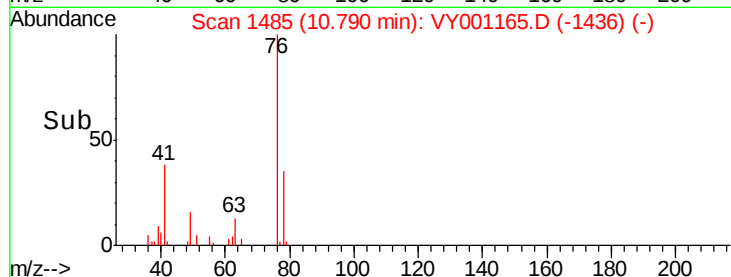
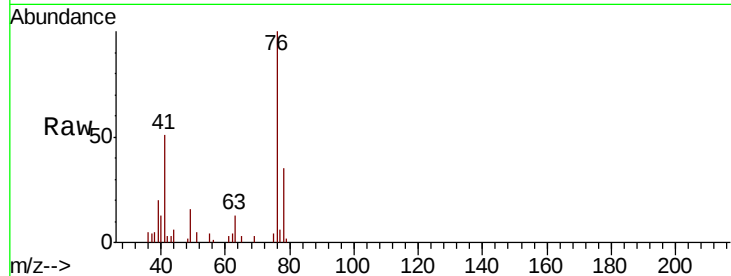
CIY1-SB-04-0-2MSD

Tot Ion: 76 Resp: 6386

Ion Ratio Lower Upper

76 100

78 35.2 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 155.755 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. -0.00 min

Lab File: VY001165.D

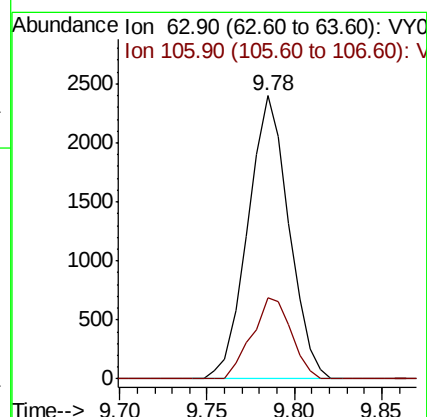
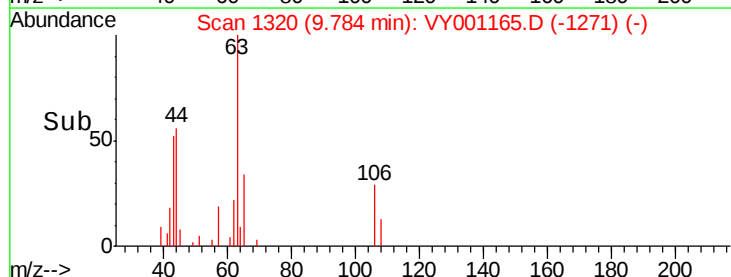
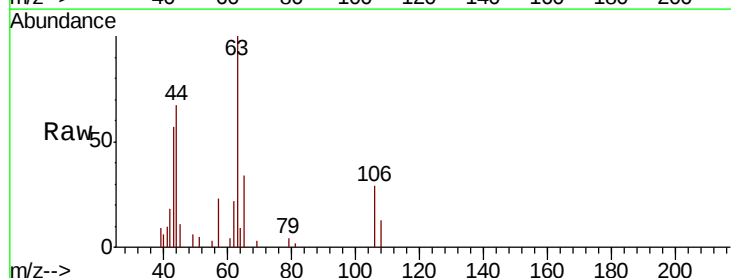
Acq: 10 Jan 2020 22:07

Tgt Ion: 63 Resp: 3917

Ion Ratio Lower Upper

63 100

106 27.3 23.0 34.6

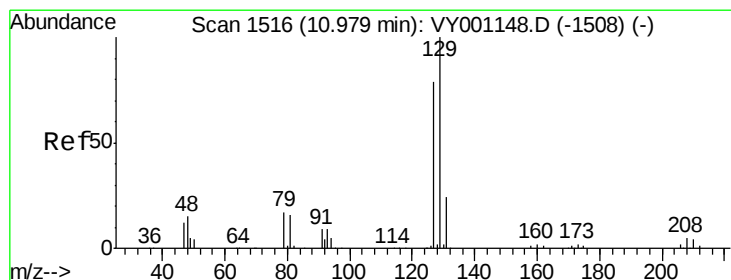
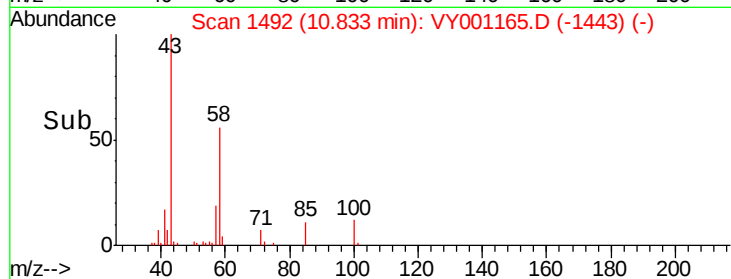
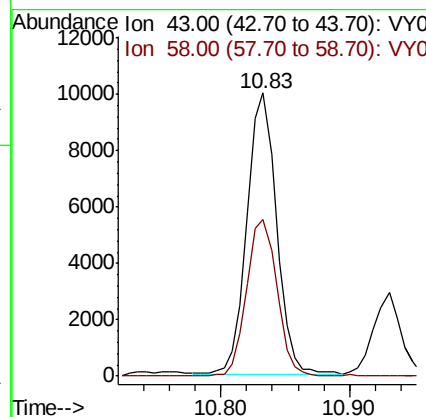
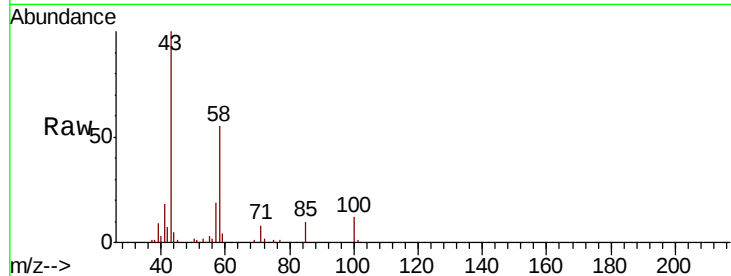




#59
2-Hexanone
Concen: 493.031 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY001165.D
Acq: 10 Jan 2020 22:07

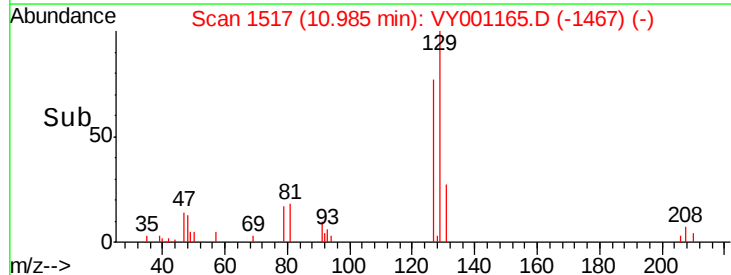
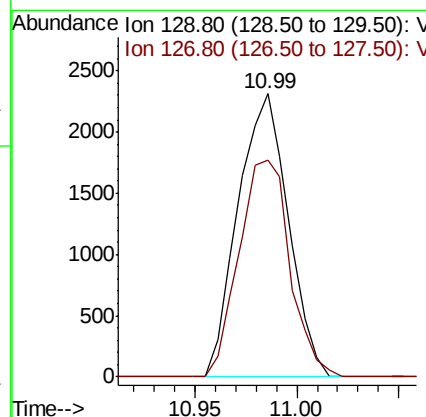
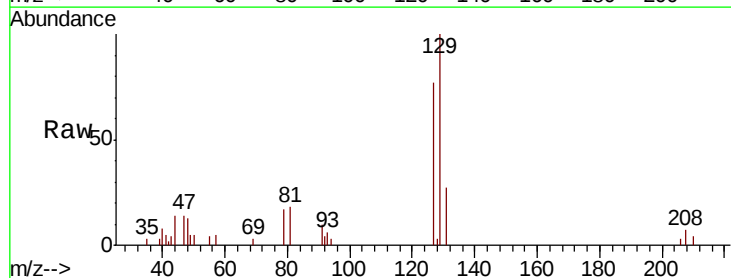
Instrument :
MSVOA_Y
ClientSampleId :
CIY1-SB-04-0-2MSD

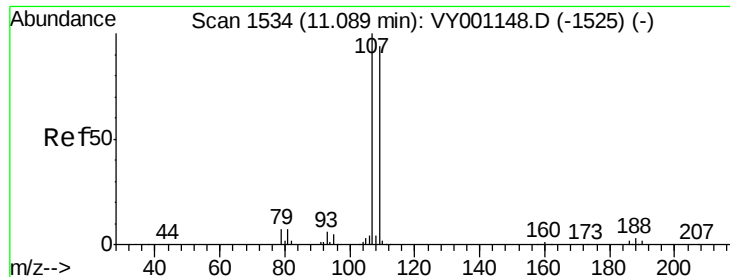
Tot Ion: 43 Resp: 15756
Ion Ratio Lower Upper
43 100
58 57.2 28.4 85.2



#60
Dibromochloromethane
Concen: 73.337 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.01 min
Lab File: VY001165.D
Acq: 10 Jan 2020 22:07

Tgt Ion: 129 Resp: 3947
Ion Ratio Lower Upper
129 100
127 77.7 38.9 116.7

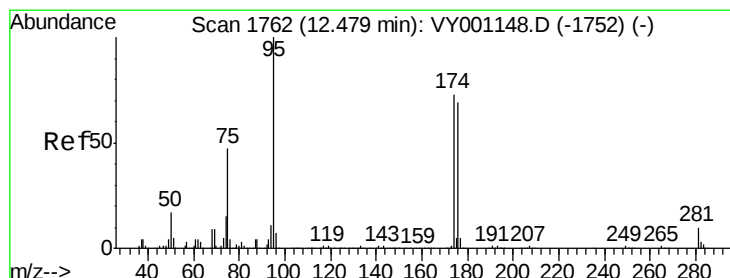
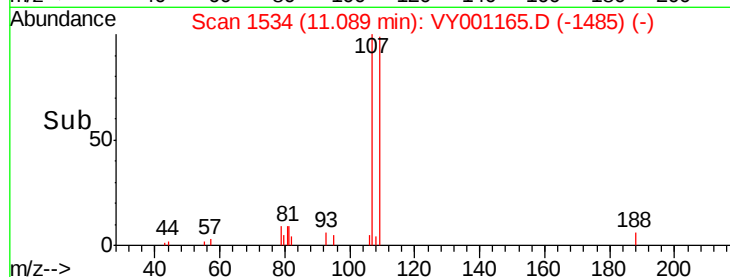
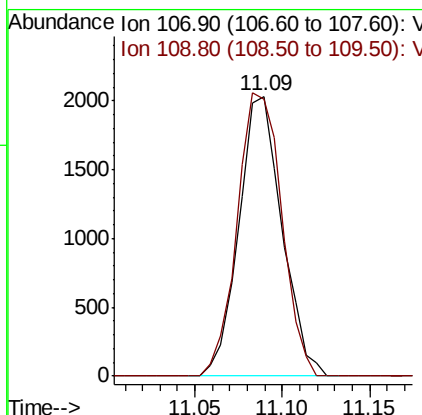
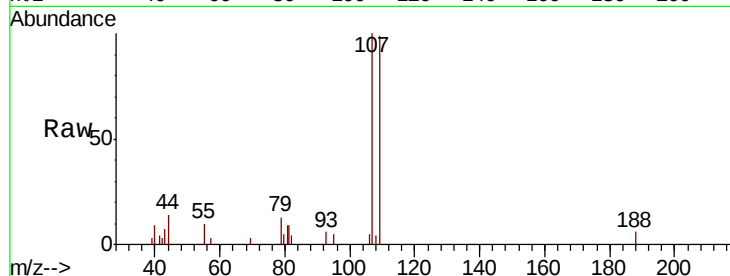




#61
 1,2-Dibromoethane
 Concen: 76.507 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VY001165.D
 Acq: 10 Jan 2020 22:07

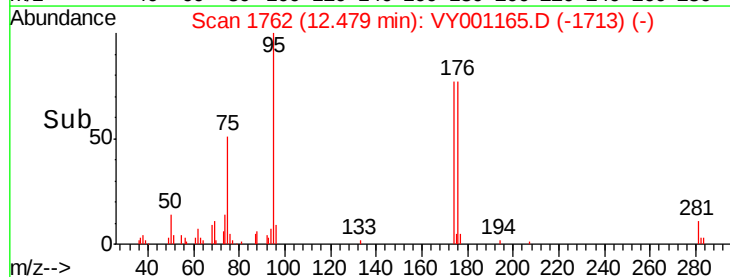
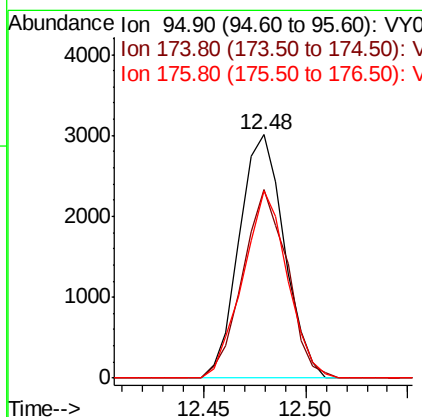
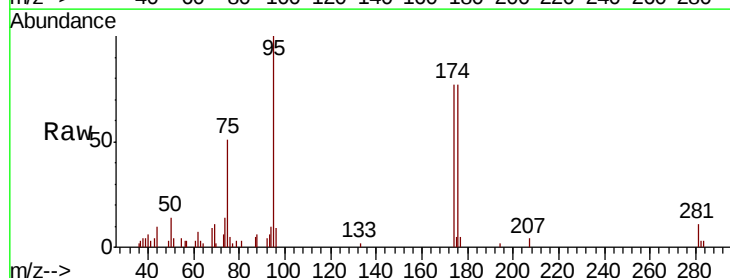
Instrument :
 MSVOA_Y
 ClientSampleId :
 CIY1-SB-04-0-2MSD

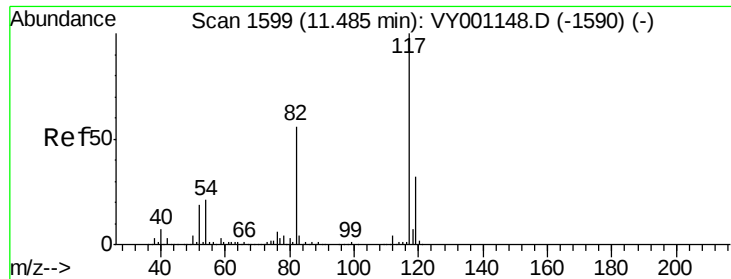
Tot Ion: 107 Resp: 3492
 Ion Ratio Lower Upper
 107 100
 109 104.2 75.4 113.0



#62
 4-Bromofluorobenzene
 Concen: 57.061 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VY001165.D
 Acq: 10 Jan 2020 22:07

Tgt Ion: 95 Resp: 4624
 Ion Ratio Lower Upper
 95 100
 174 76.8 0.0 143.2
 176 76.6 0.0 136.0

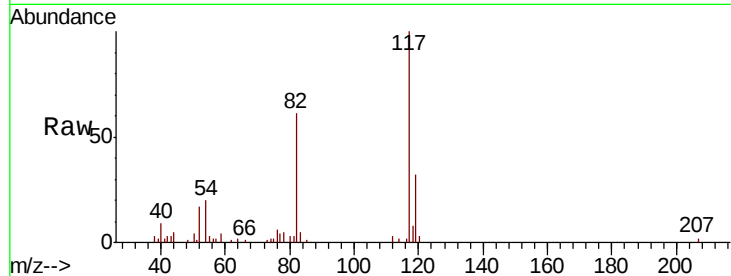




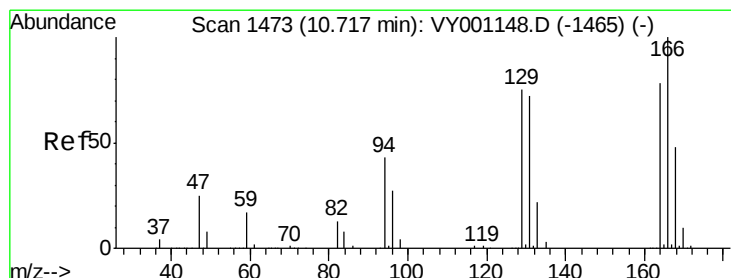
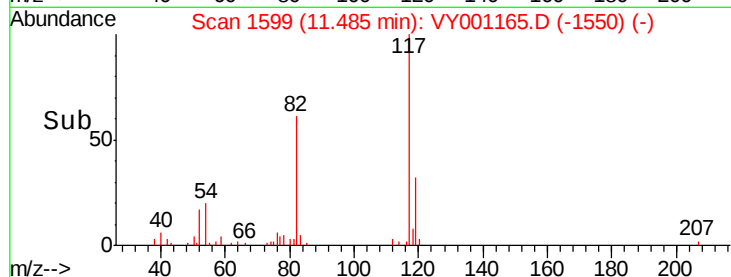
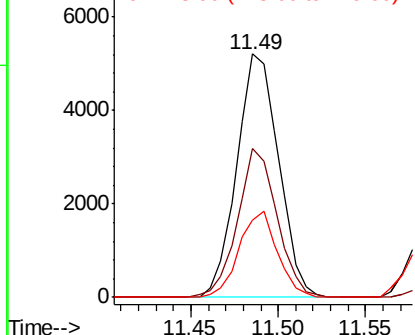
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.00 min
Lab File: VY001165.D
Acq: 10 Jan 2020 22:07

Instrument :
MSVOA_Y
ClientSampleId :
CIY1-SB-04-0-2MSD

Tot Ion:117 Resp: 8673
Ion Ratio Lower Upper
117 100
82 61.4 44.9 67.3
119 31.6 25.7 38.5

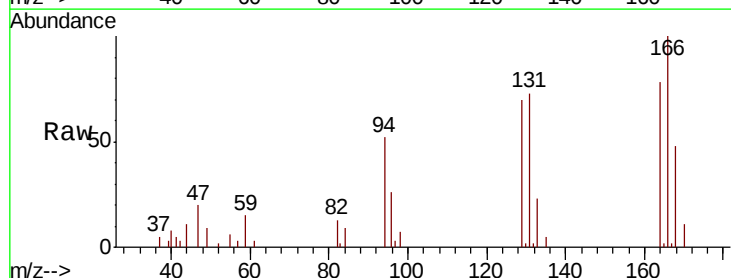


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

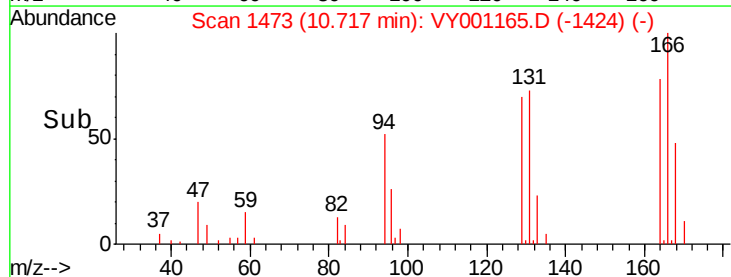
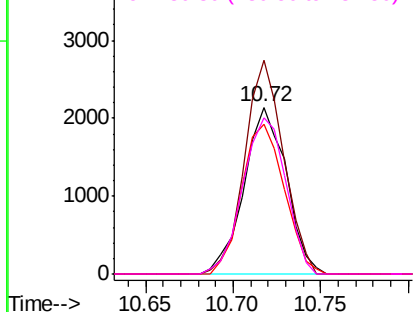


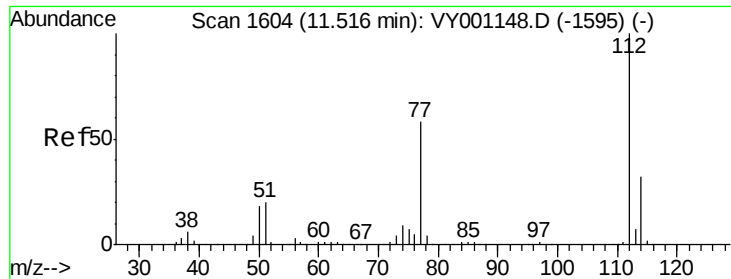
#64
Tetrachloroethene
Concen: 64.266 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY001165.D
Acq: 10 Jan 2020 22:07

Tgt Ion:164 Resp: 3593
Ion Ratio Lower Upper
164 100
166 128.3 102.3 153.5
129 89.9 76.2 114.4
131 93.6 73.9 110.9



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

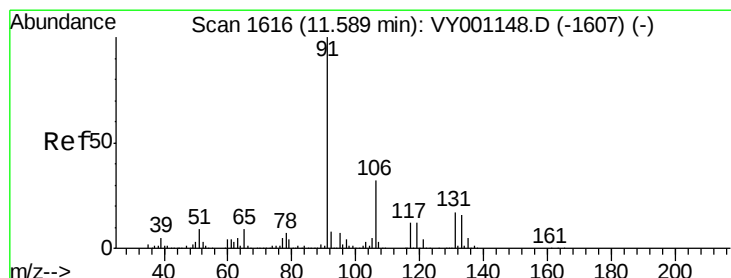
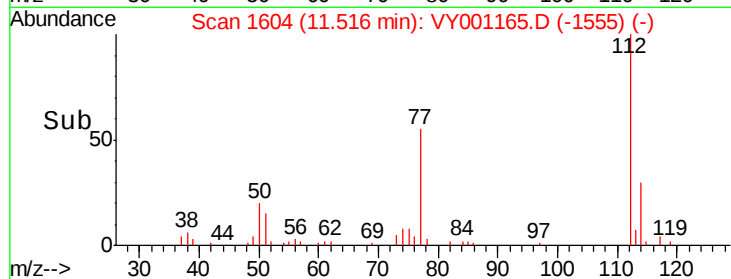
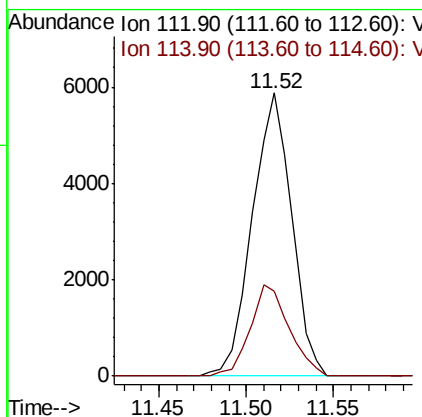
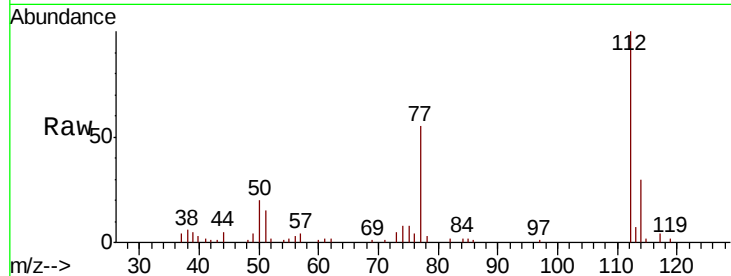




#65
Chlorobenzene
Concen: 53.023 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VY001165.D
Acq: 10 Jan 2020 22:07

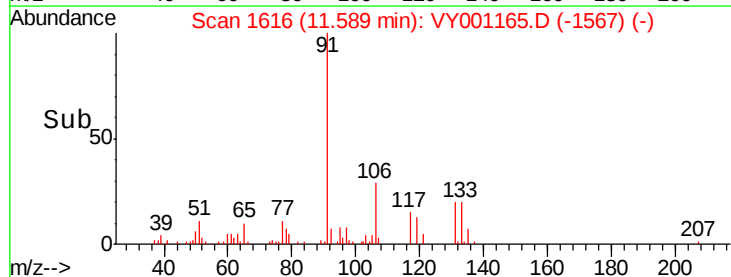
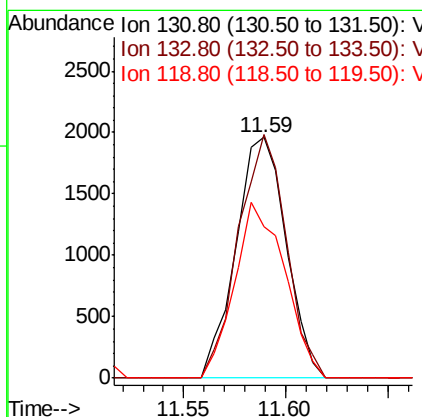
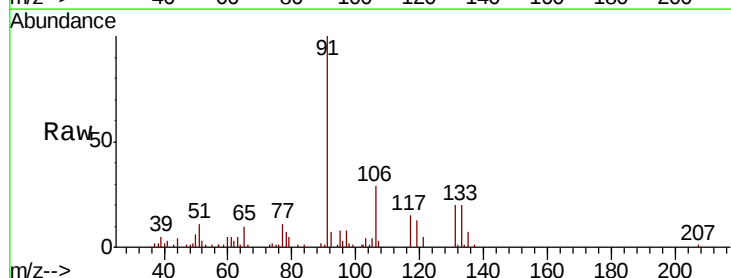
Instrument :
MSVOA_Y
ClientSampleId :
CIY1-SB-04-0-2MSD

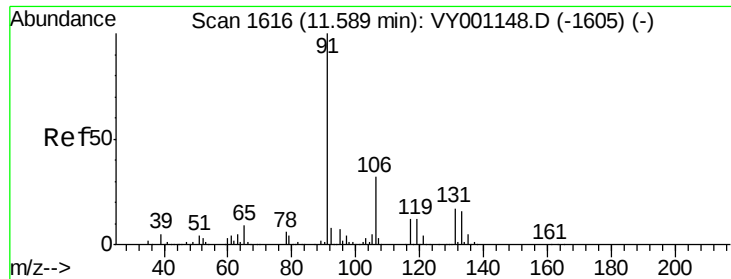
Tot Ion:112 Resp: 9189
Ion Ratio Lower Upper
112 100
114 30.2 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 56.153 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY001165.D
Acq: 10 Jan 2020 22:07

Tgt Ion:131 Resp: 3354
Ion Ratio Lower Upper
131 100
133 96.3 47.3 142.0
119 72.8 33.6 100.8

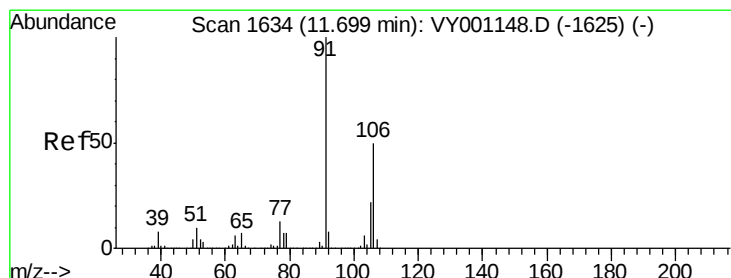
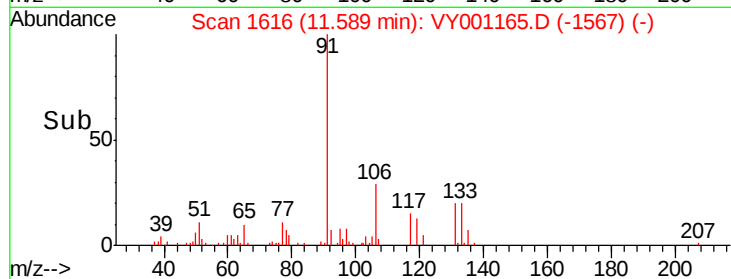
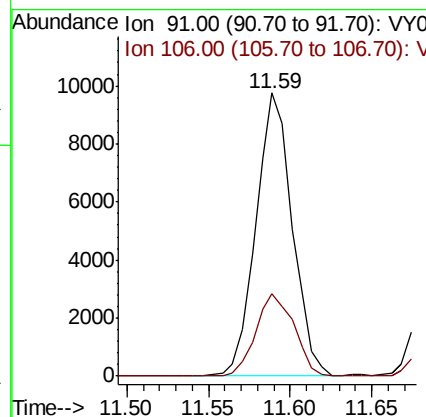
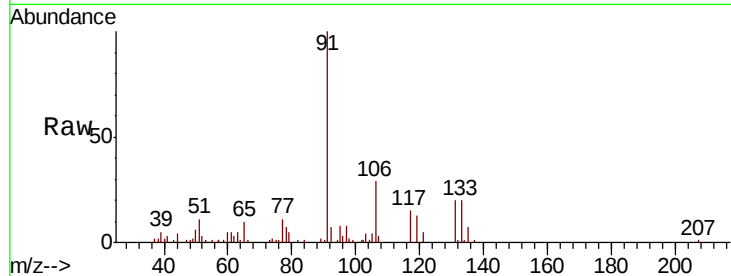




#67
Ethyl Benzene
Concen: 47.703 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY001165.D
Acq: 10 Jan 2020 22:07

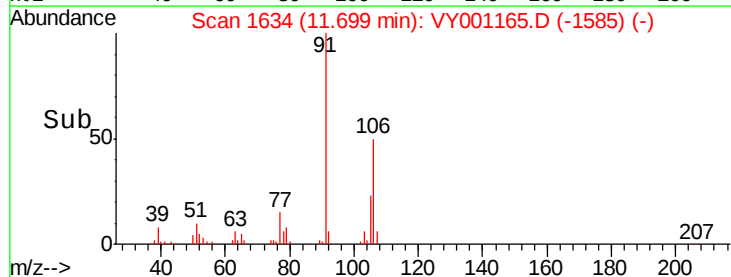
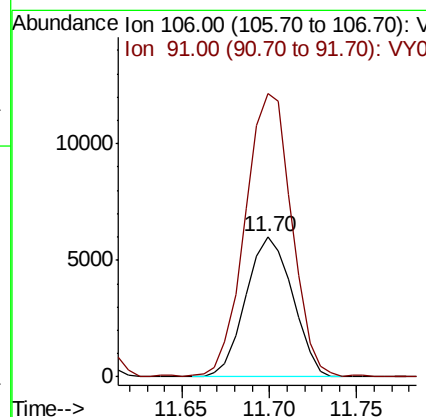
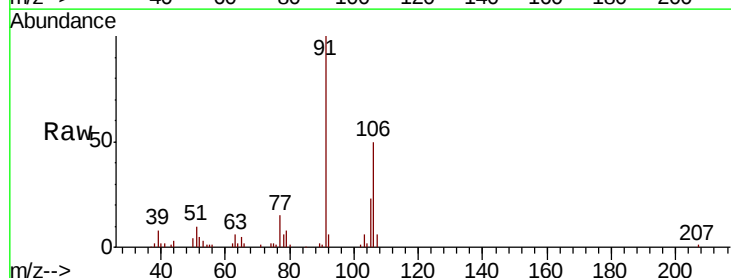
Instrument :
MSVOA_Y
ClientSampleId :
CIY1-SB-04-0-2MSD

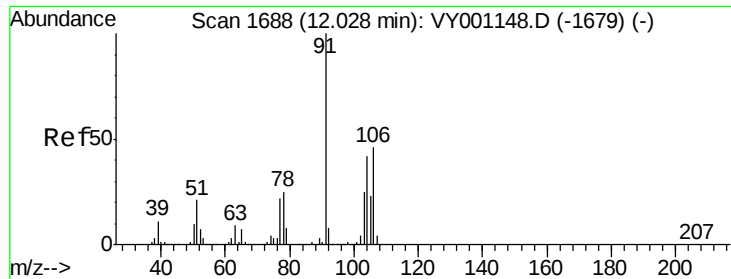
Tot Ion: 91 Resp: 15123
Ion Ratio Lower Upper
91 100
106 28.9 25.3 37.9



#68
m/p-Xylenes
Concen: 94.097 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. -0.00 min
Lab File: VY001165.D
Acq: 10 Jan 2020 22:07

Tgt Ion: 106 Resp: 11253
Ion Ratio Lower Upper
106 100
91 201.5 161.4 242.2

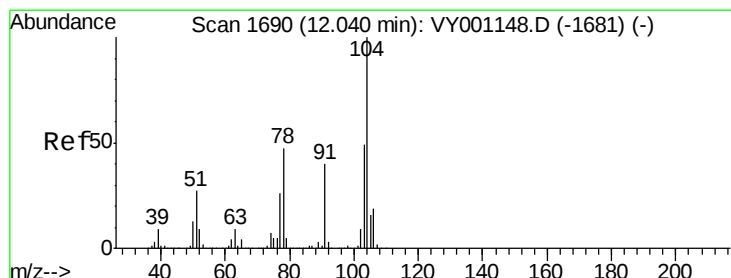
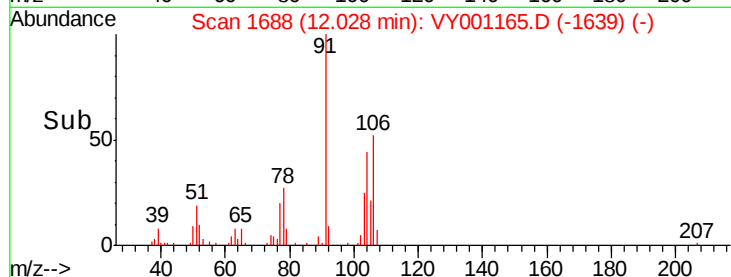
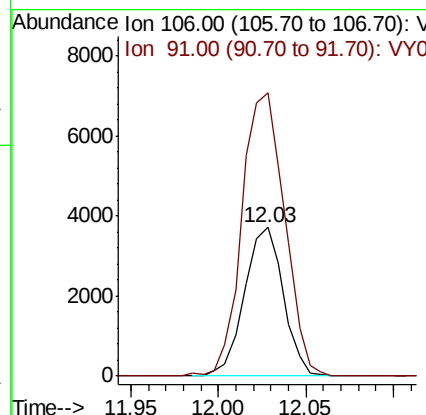
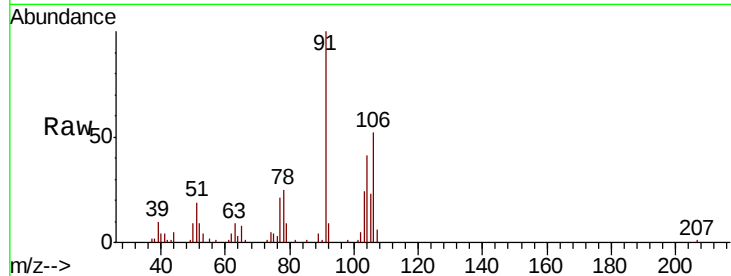




#69
o-Xylene
Concen: 49.887 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY001165.D
Acq: 10 Jan 2020 22:07

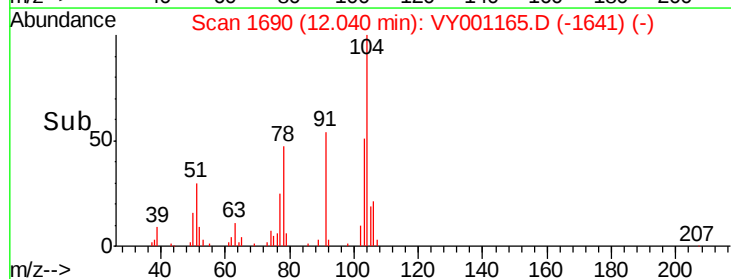
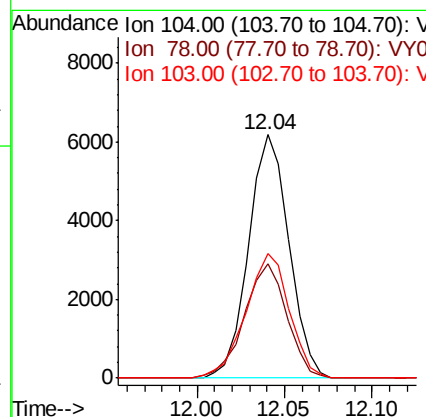
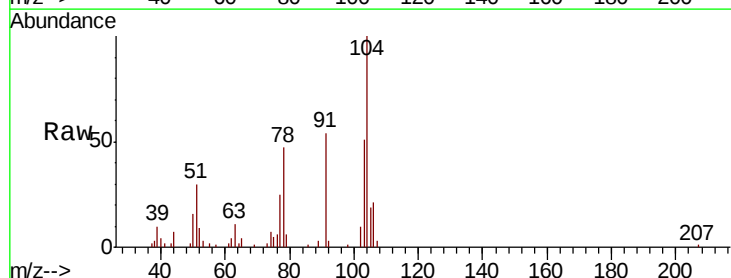
Instrument :
MSVOA_Y
ClientSampleId :
CIY1-SB-04-0-2MSD

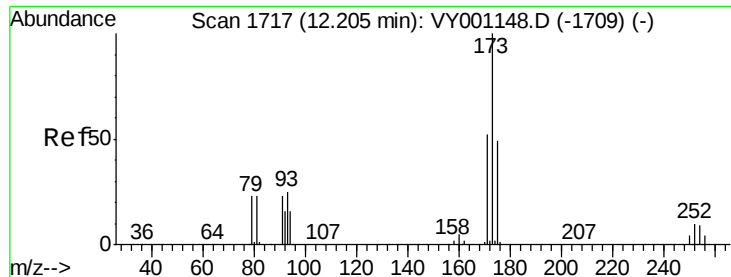
Tot Ion:106 Resp: 5720
Ion Ratio Lower Upper
106 100
91 209.8 106.3 318.8



#70
Styrene
Concen: 49.373 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VY001165.D
Acq: 10 Jan 2020 22:07

Tgt Ion:104 Resp: 9933
Ion Ratio Lower Upper
104 100
78 49.5 40.5 60.7
103 55.1 42.4 63.6





#71

Bromoform

Concen: 70.069 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VY001165.D

Acq: 10 Jan 2020 22:07

Instrument :

MSVOA_Y

ClientSampleId :

CIY1-SB-04-0-2MSD

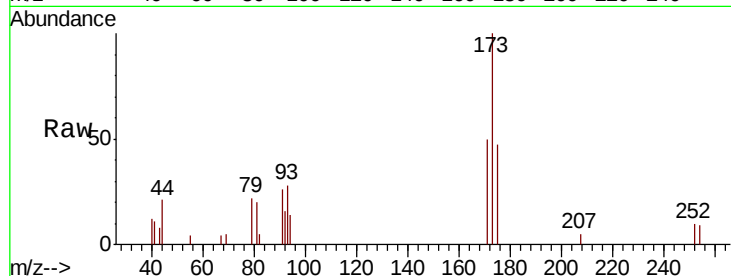
Tot Ion:173 Resp: 2581

Ion Ratio Lower Upper

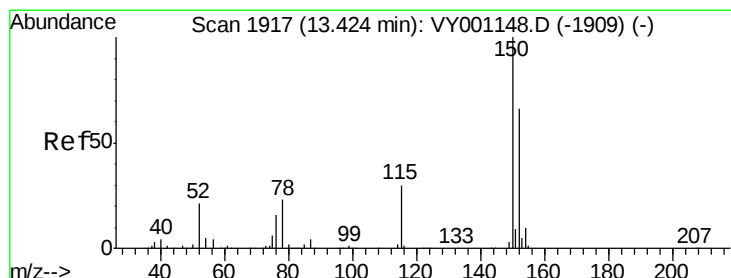
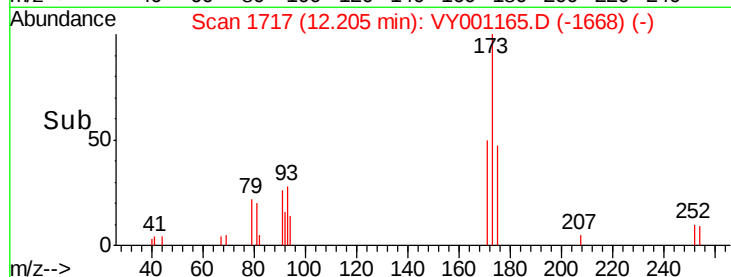
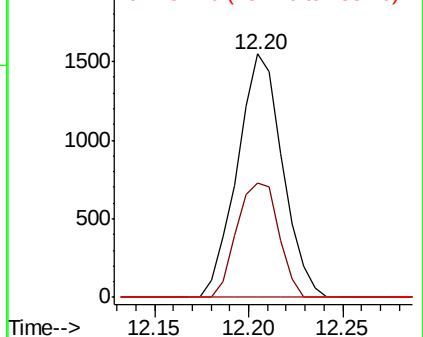
173 100

175 43.4 24.1 72.2

254 0.0 0.1 0.1#



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: 13.42 min Scan# 1917

Delta R.T. -0.00 min

Lab File: VY001165.D

Acq: 10 Jan 2020 22:07

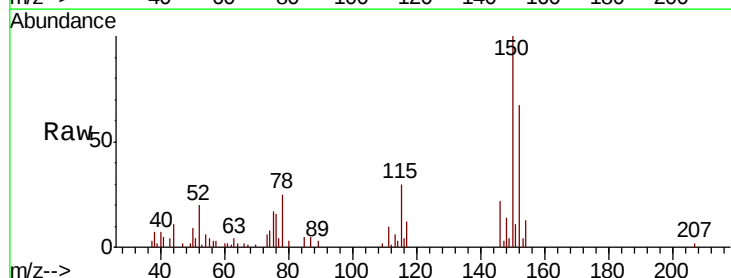
Tgt Ion:152 Resp: 4156

Ion Ratio Lower Upper

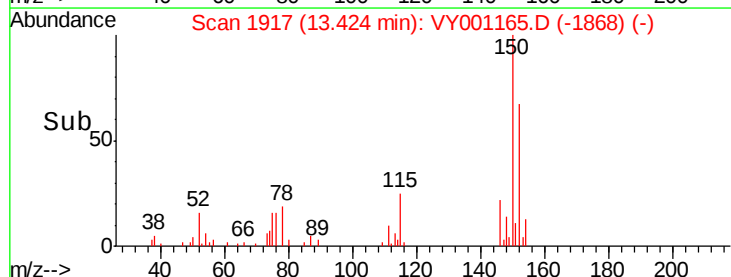
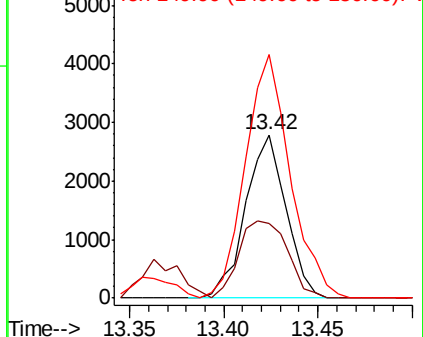
152 100

115 56.9 30.9 92.5

150 164.9 0.0 346.8



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: 46.905 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VY001165.D

Acq: 10 Jan 2020 22:07

Instrument :

MSVOA_Y

ClientSampleId :

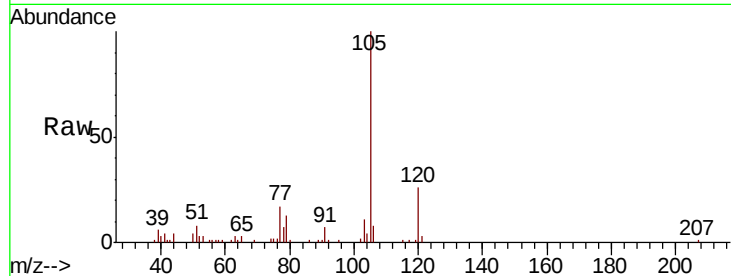
CIY1-SB-04-0-2MSD

Tot Ion:105 Resp: 14655

Ion Ratio Lower Upper

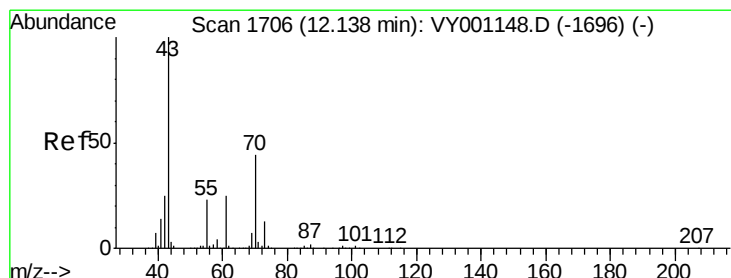
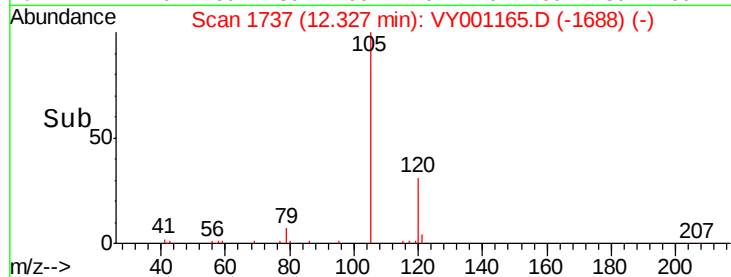
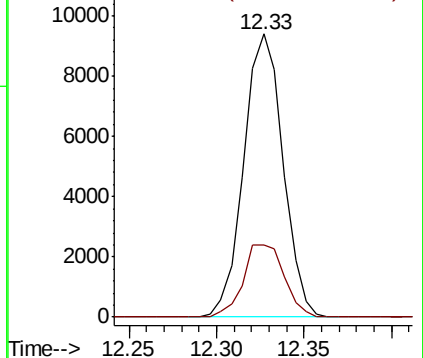
105 100

120 26.7 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 36.193 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.01 min

Lab File: VY001165.D

Acq: 10 Jan 2020 22:07

Tgt Ion: 43 Resp: 3529

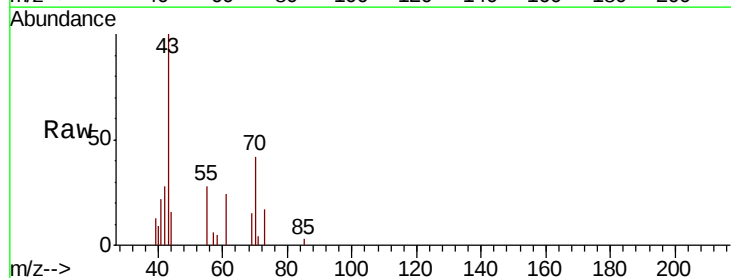
Ion Ratio Lower Upper

43 100

70 42.4 35.0 52.6

55 32.7 18.4 27.6#

61 22.8 20.1 30.1

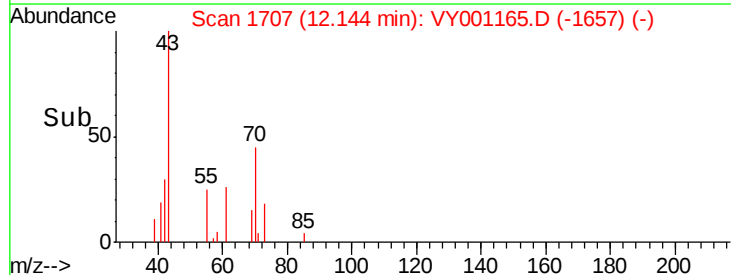
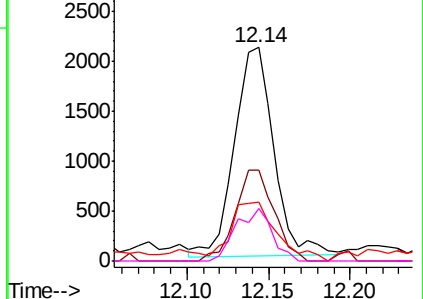


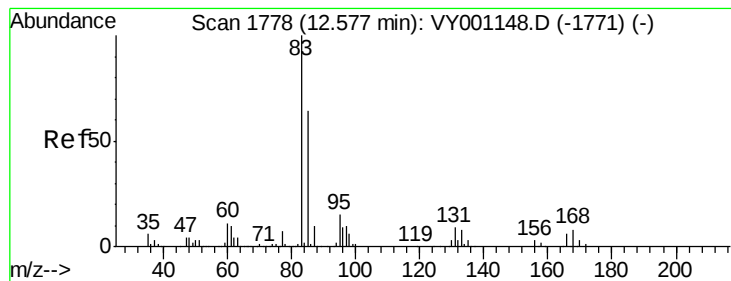
Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0





#75

1,1,2,2-Tetrachloroethane

Concen: 80.582 ug/l

RT: 12.58 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VY001165.D

Acq: 10 Jan 2020 22:07

Instrument :

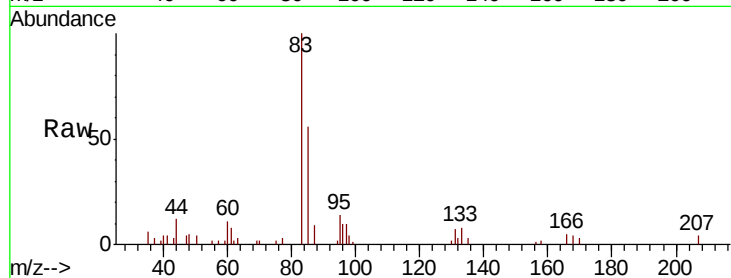
MSVOA_Y

ClientSampleId :

CIY1-SB-04-0-2MSD

Tot Ion: 83 Resp: 5297

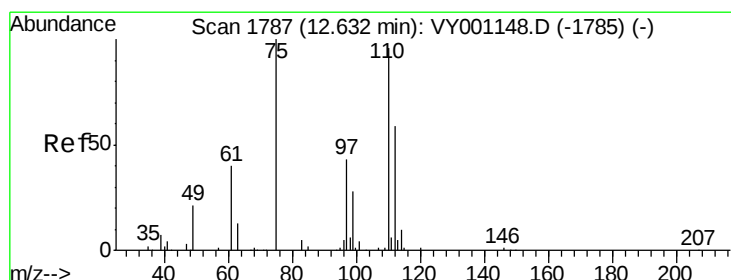
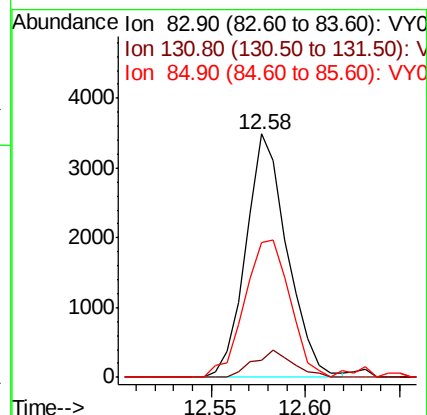
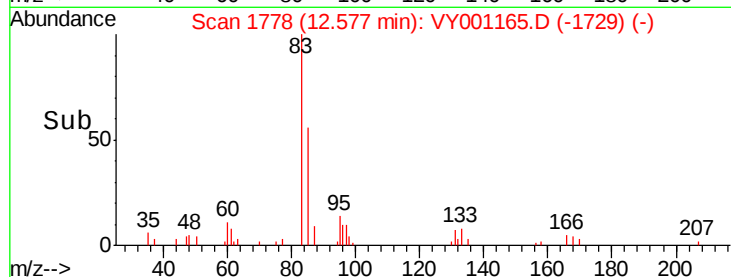
Ion	Ratio	Lower	Upper
83	100		
131	10.5	5.1	15.3
85	62.1	32.2	96.6



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 130.80 (130.50 to 131.50): VY0

Ion 84.90 (84.60 to 85.60): VY0



#76

1,2,3-Trichloropropane

Concen: 120.835 ug/l

RT: 12.63 min Scan# 1787

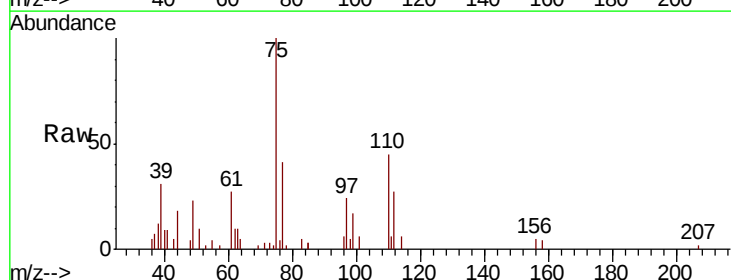
Delta R.T. -0.00 min

Lab File: VY001165.D

Acq: 10 Jan 2020 22:07

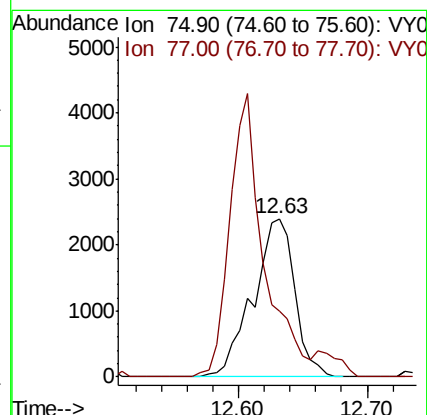
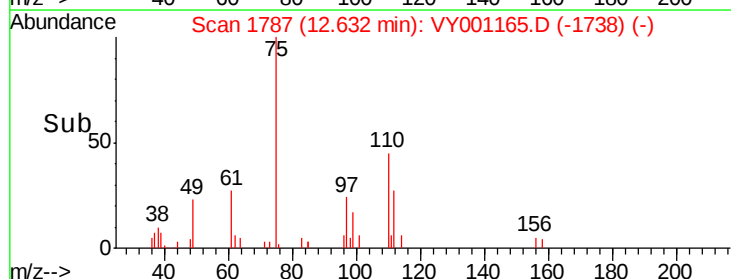
Tgt Ion: 75 Resp: 5376

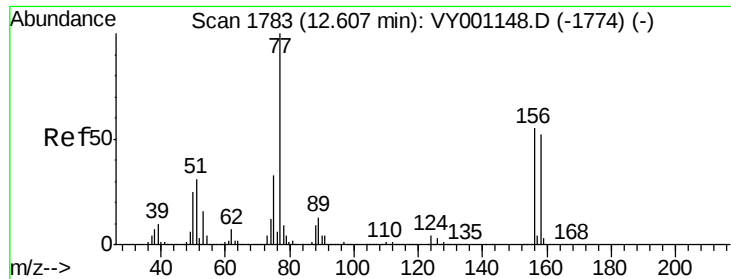
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 53.276 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY001165.D

Acq: 10 Jan 2020 22:07

Instrument :

MSVOA_Y

ClientSampleId :

CIY1-SB-04-0-2MSD

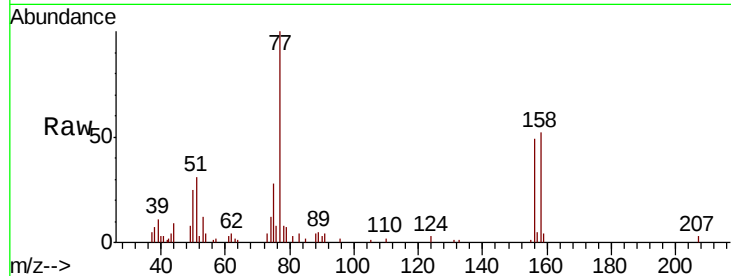
Tot Ion:156 Resp: 3678

Ion Ratio Lower Upper

156 100

77 215.5 106.7 320.1

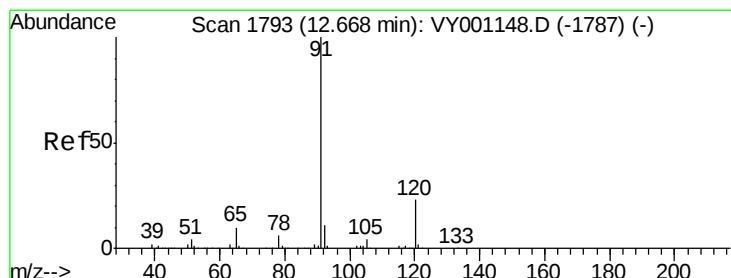
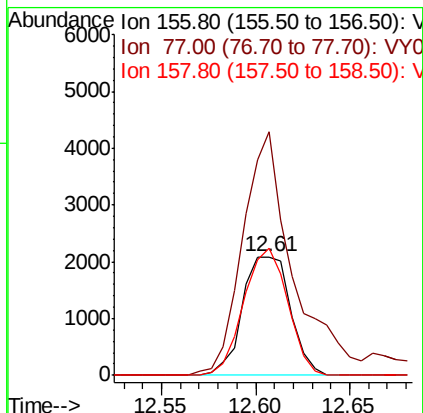
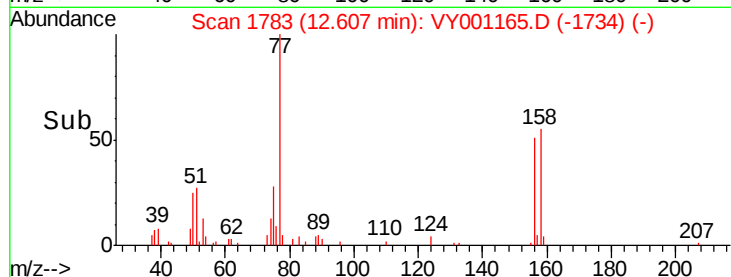
158 98.5 48.3 144.8



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: 44.594 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VY001165.D

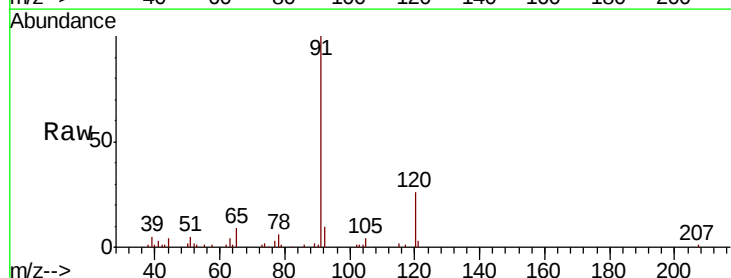
Acq: 10 Jan 2020 22:07

Tgt Ion: 91 Resp: 16759

Ion Ratio Lower Upper

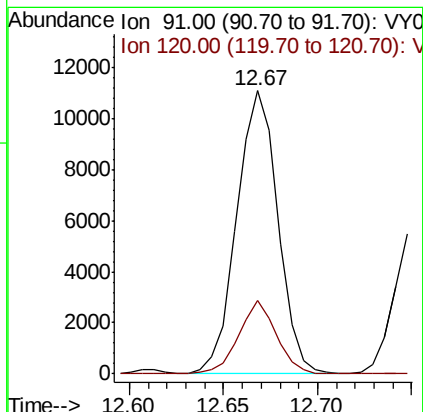
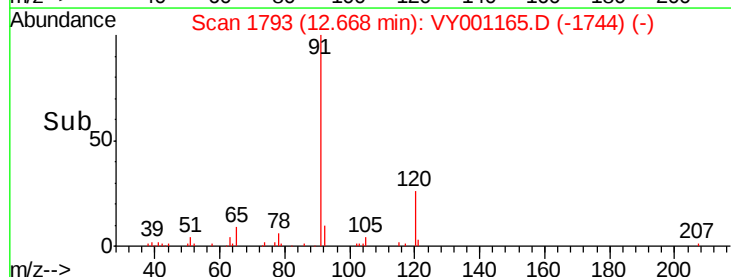
91 100

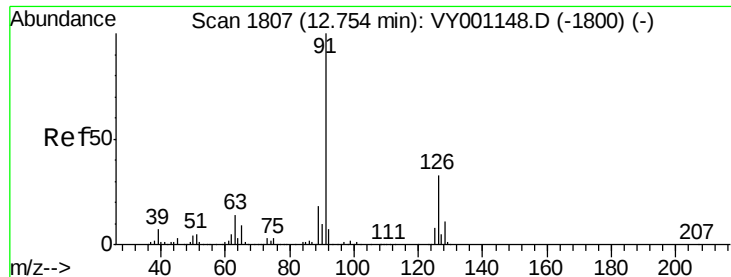
120 23.5 11.5 34.4



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 46.573 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. -0.00 min

Lab File: VY001165.D

Acq: 10 Jan 2020 22:07

Instrument :

MSVOA_Y

ClientSampleId :

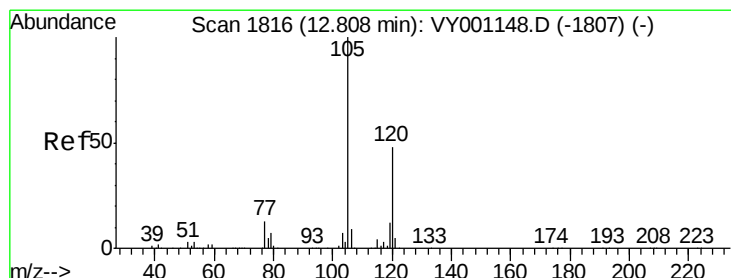
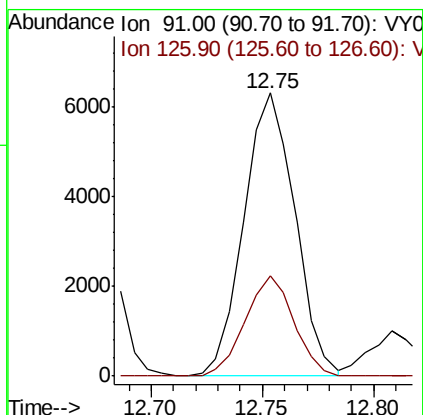
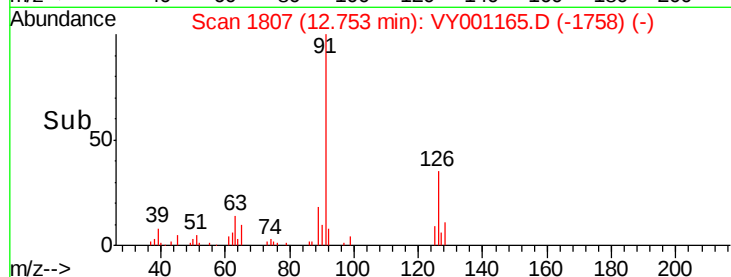
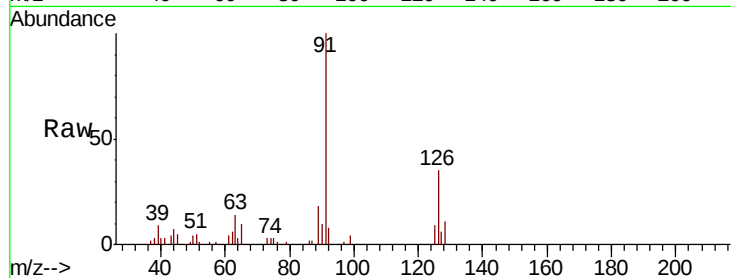
CIY1-SB-04-0-2MSD

Tot Ion: 91 Resp: 10052

Ion Ratio Lower Upper

91 100

126 33.7 16.4 49.4



#80

1,3,5-Trimethylbenzene

Concen: 45.476 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VY001165.D

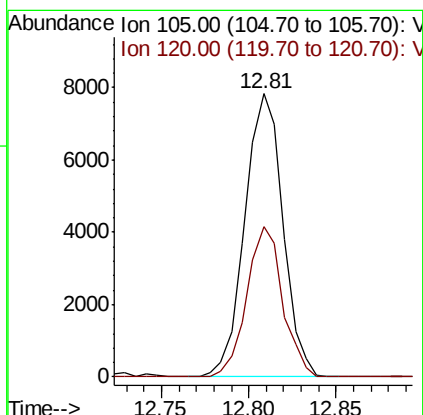
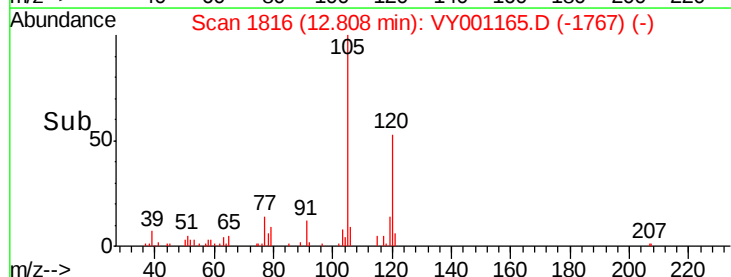
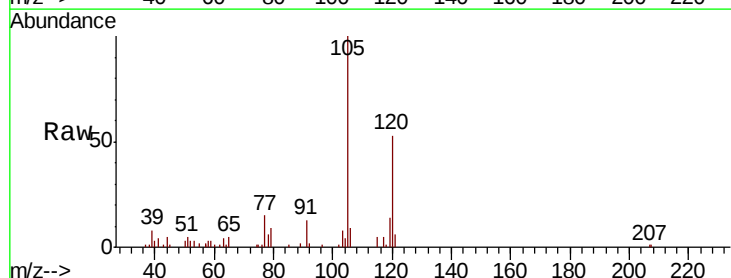
Acq: 10 Jan 2020 22:07

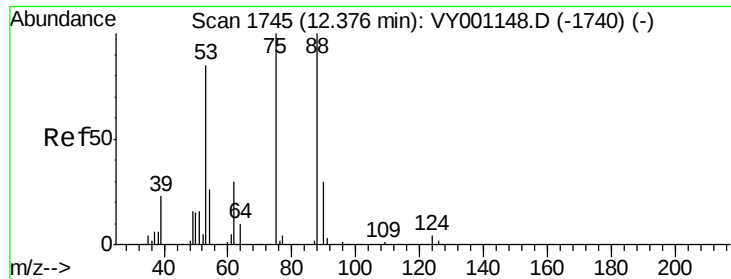
Tgt Ion: 105 Resp: 11855

Ion Ratio Lower Upper

105 100

120 49.8 24.2 72.6

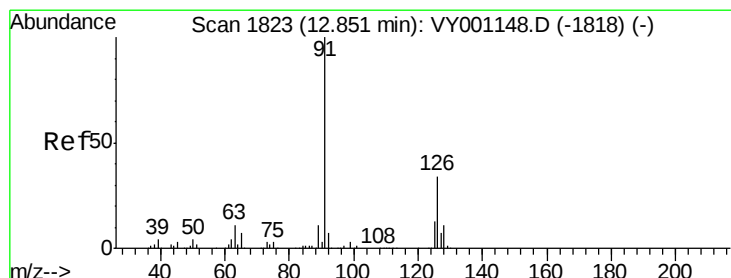
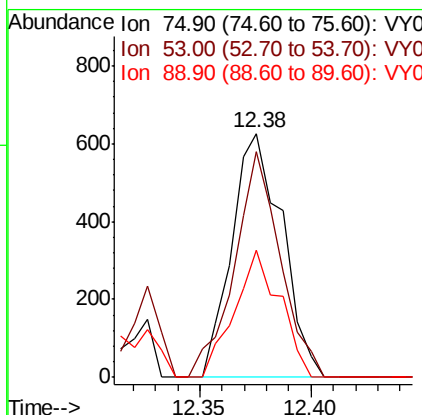
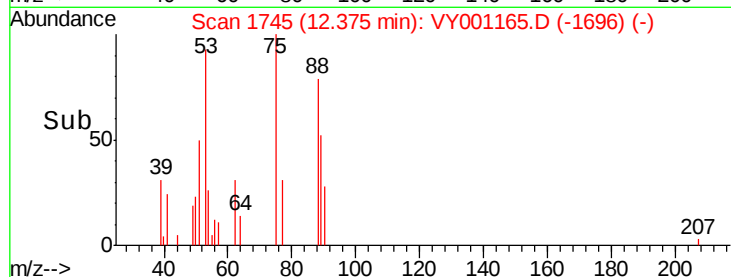
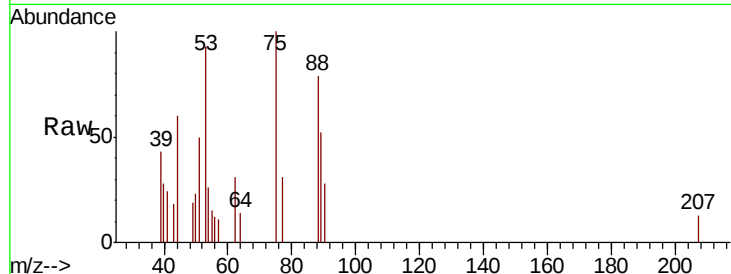




#81
trans-1,4-Dichloro-2-butene
Concen: 37.468 ug/l
RT: 12.38 min Scan# 1745
Delta R.T. -0.00 min
Lab File: VY001165.D
Acq: 10 Jan 2020 22:07

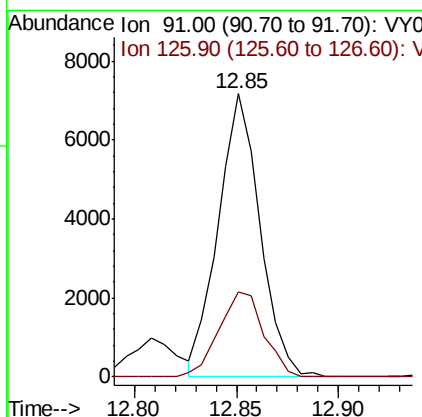
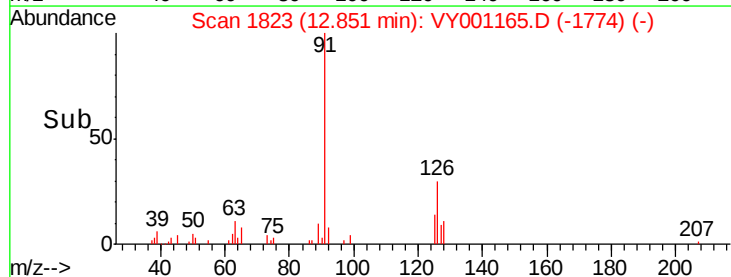
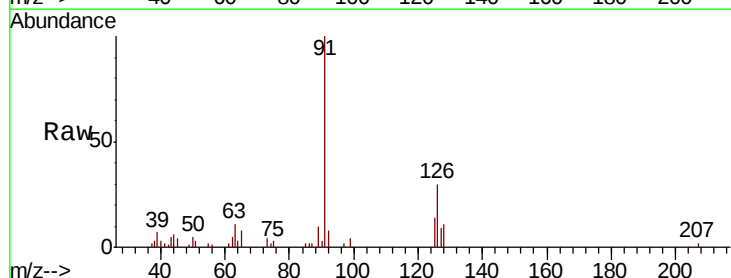
Instrument :
MSVOA_Y
ClientSampleId :
CIY1-SB-04-0-2MSD

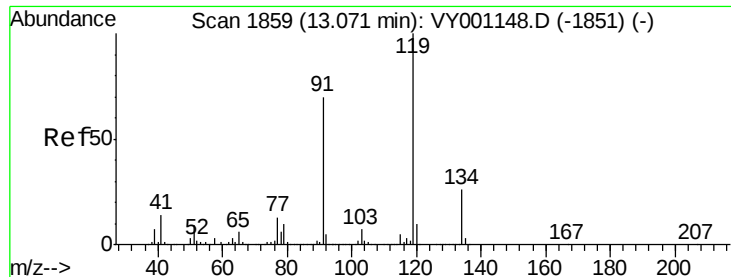
Tot Ion: 75 Resp: 983
Ion Ratio Lower Upper
75 100
53 84.5 69.4 104.2
89 47.0 0.0 0.0#



#82
4-Chlorotoluene
Concen: 44.094 ug/l
RT: 12.85 min Scan# 1823
Delta R.T. -0.00 min
Lab File: VY001165.D
Acq: 10 Jan 2020 22:07

Tgt Ion: 91 Resp: 10160
Ion Ratio Lower Upper
91 100
126 32.1 16.3 48.8

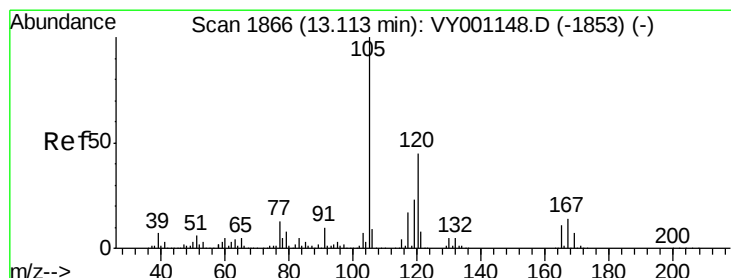
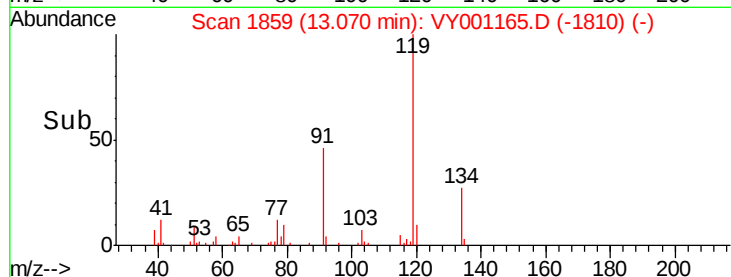
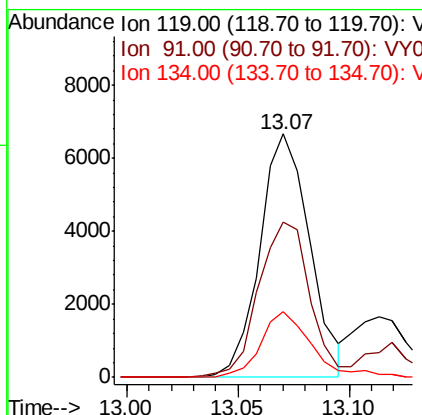
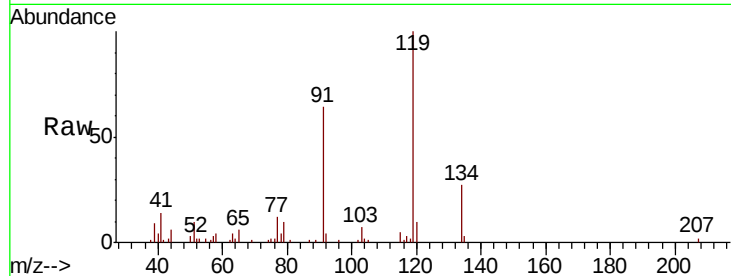




#83
tert-Butylbenzene
Concen: 47.464 ug/l
RT: 13.07 min Scan# 1859
Delta R.T. -0.00 min
Lab File: VY001165.D
Acq: 10 Jan 2020 22:07

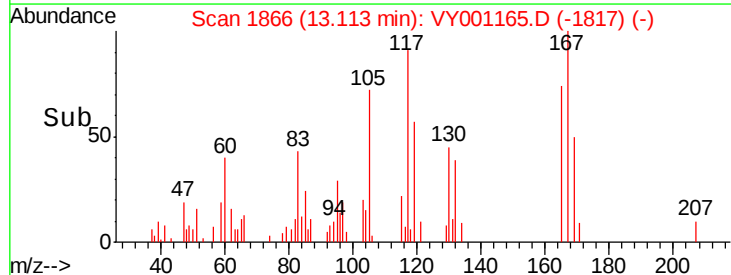
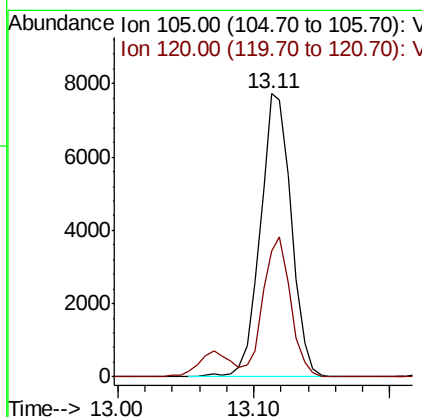
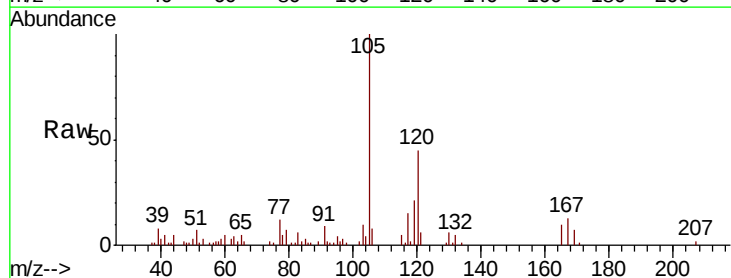
Instrument :
MSVOA_Y
ClientSampleId :
CIY1-SB-04-0-2MSD

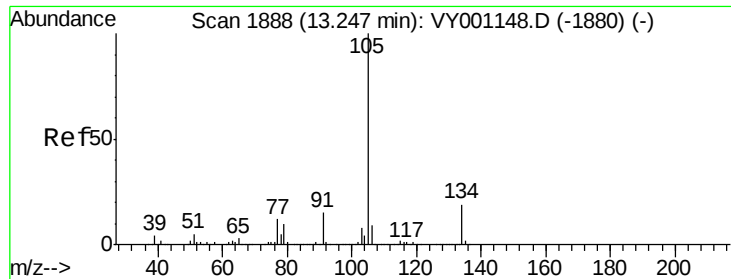
Tot Ion:119 Resp: 10397
Ion Ratio Lower Upper
119 100
91 66.0 33.9 101.7
134 27.5 13.5 40.4



#84
1,2,4-Trimethylbenzene
Concen: 47.790 ug/l
RT: 13.11 min Scan# 1866
Delta R.T. -0.00 min
Lab File: VY001165.D
Acq: 10 Jan 2020 22:07

Tgt Ion:105 Resp: 12372
Ion Ratio Lower Upper
105 100
120 44.0 22.8 68.3

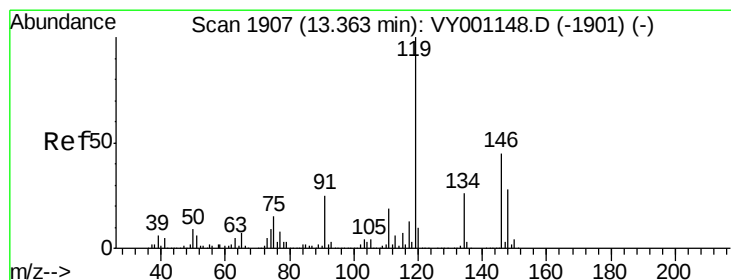
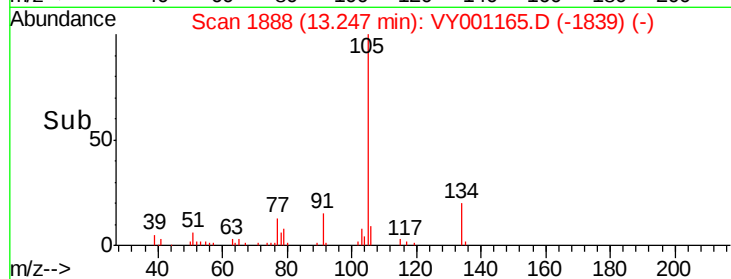
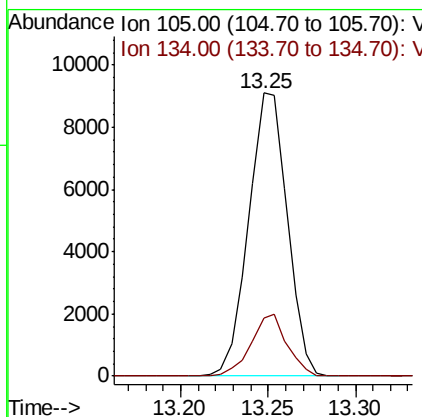
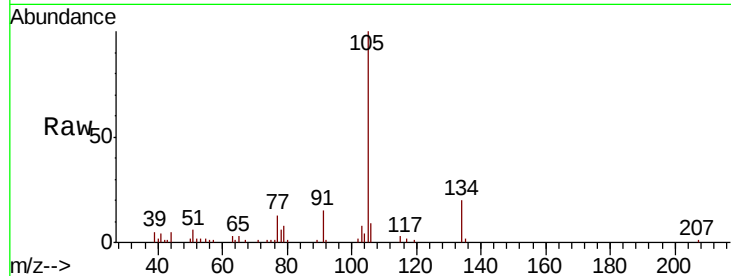




#85
 sec-Butylbenzene
 Concen: 44.487 ug/l
 RT: 13.25 min Scan# 1888
 Delta R.T. -0.00 min
 Lab File: VY001165.D
 Acq: 10 Jan 2020 22:07

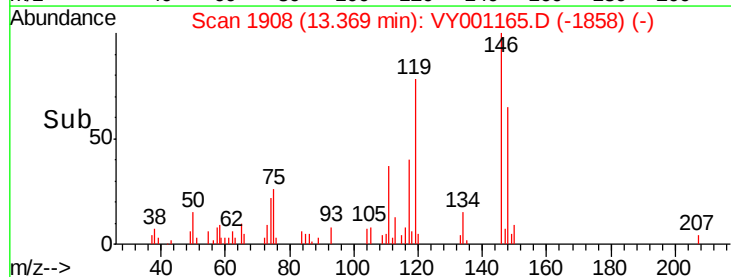
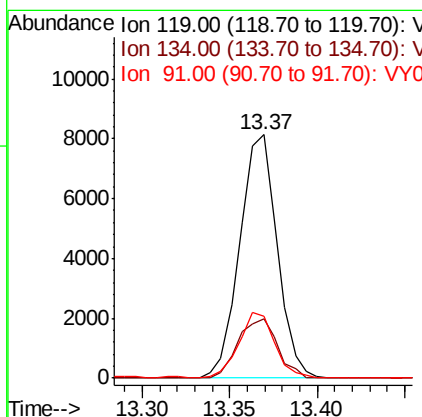
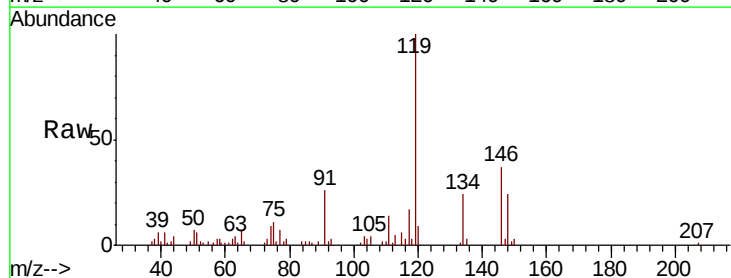
Instrument :
 MSVOA_Y
 ClientSampleId :
 CIY1-SB-04-0-2MSD

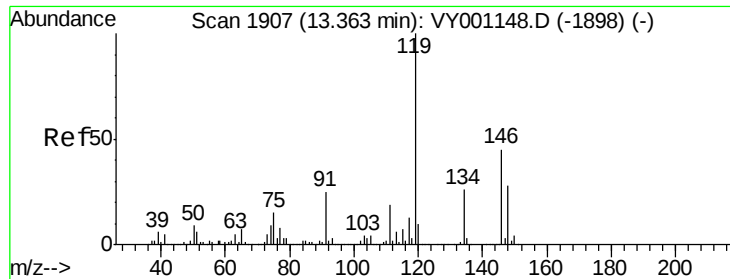
Tot Ion:105 Resp: 14019
 Ion Ratio Lower Upper
 105 100
 134 20.2 9.8 29.5



#86
 p-Isopropyltoluene
 Concen: 44.276 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. 0.01 min
 Lab File: VY001165.D
 Acq: 10 Jan 2020 22:07

Tgt Ion:119 Resp: 12114
 Ion Ratio Lower Upper
 119 100
 134 25.6 13.4 40.2
 91 26.0 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 45.970 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. -0.00 min

Lab File: VY001165.D

Acq: 10 Jan 2020 22:07

Instrument :

MSVOA_Y

ClientSampleId :

CIY1-SB-04-0-2MSD

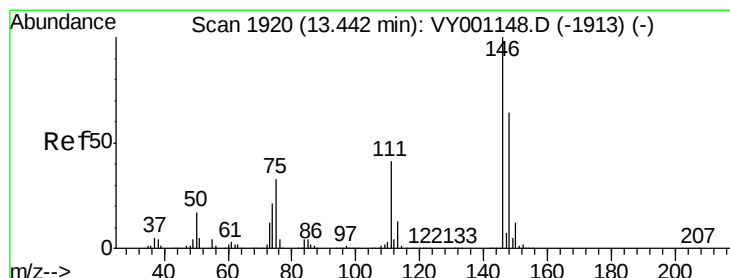
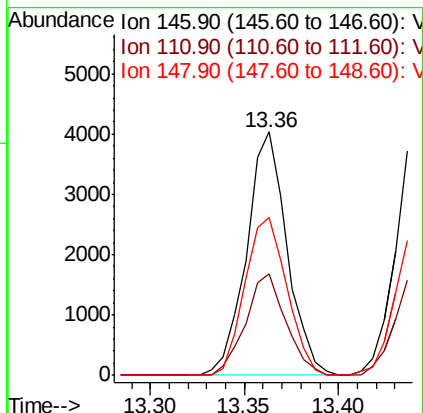
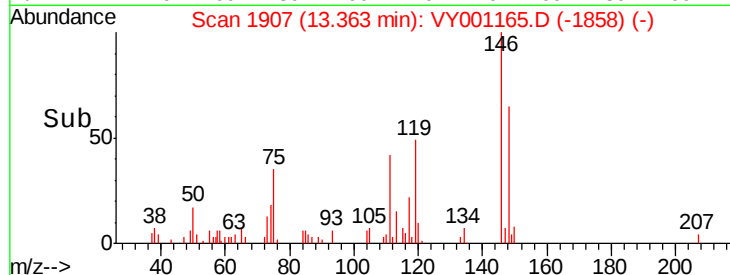
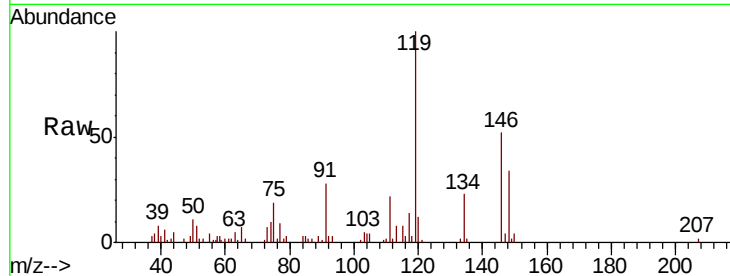
Tot Ion:146 Resp: 6002

Ion Ratio Lower Upper

146 100

111 41.6 21.3 64.0

148 67.2 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 49.005 ug/l

RT: 13.44 min Scan# 1920

Delta R.T. -0.00 min

Lab File: VY001165.D

Acq: 10 Jan 2020 22:07

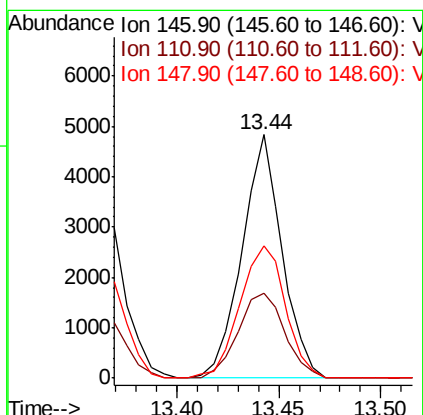
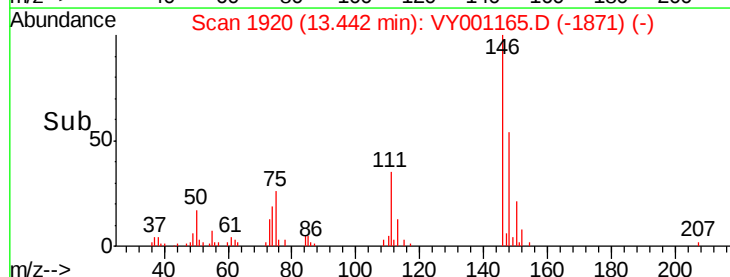
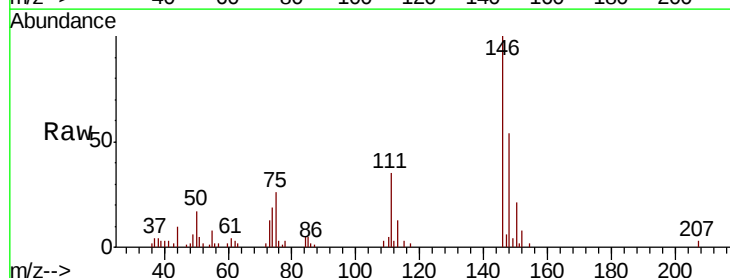
Tgt Ion:146 Resp: 6585

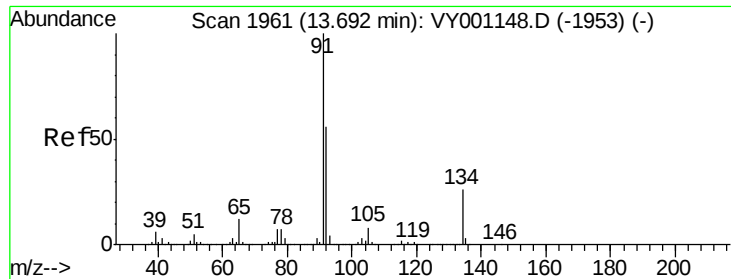
Ion Ratio Lower Upper

146 100

111 40.8 20.8 62.5

148 61.8 32.0 96.2

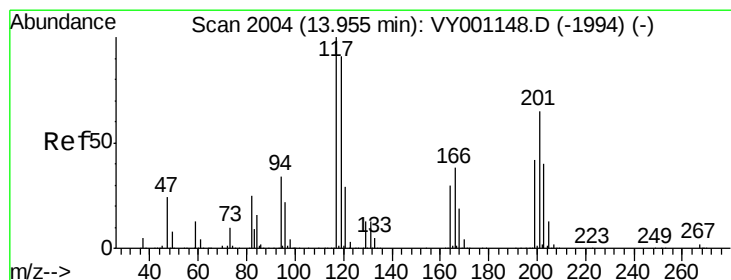
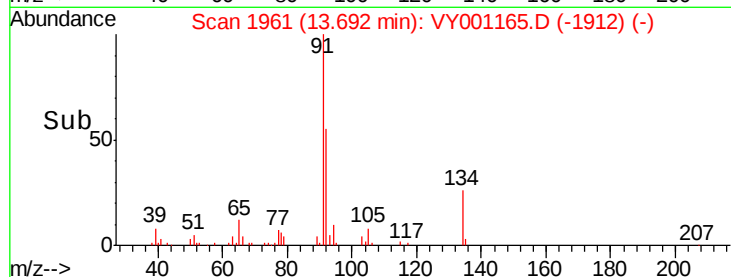
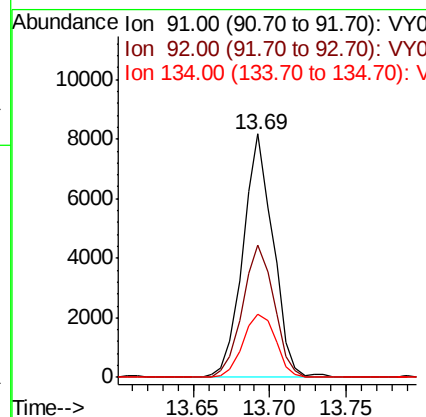
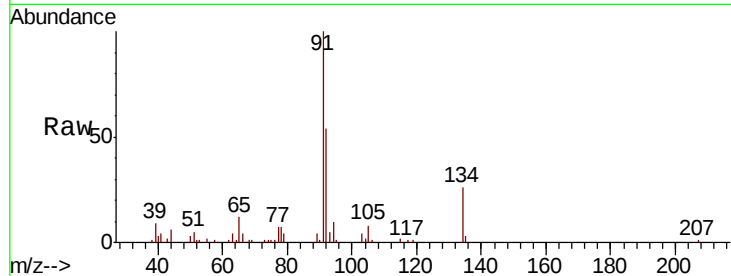




#89
n-Butylbenzene
Concen: 40.607 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. -0.00 min
Lab File: VY001165.D
Acq: 10 Jan 2020 22:07

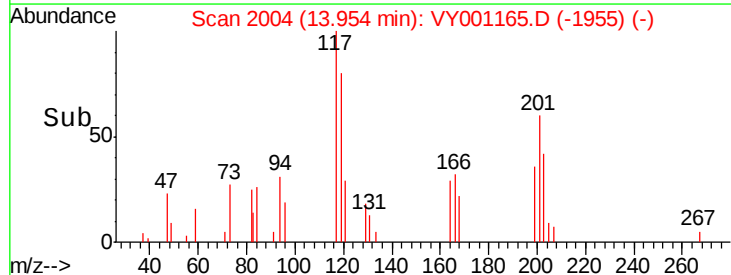
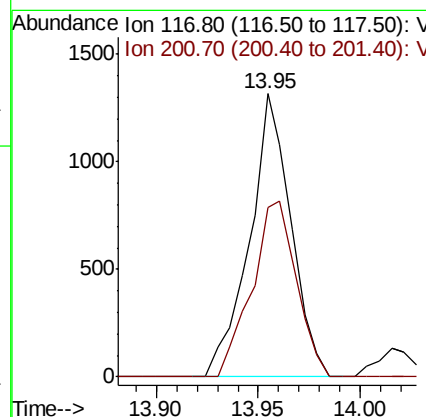
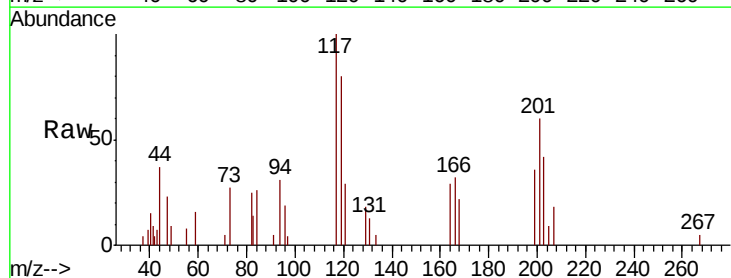
Instrument :
MSVOA_Y
ClientSampleId :
CIY1-SB-04-0-2MSD

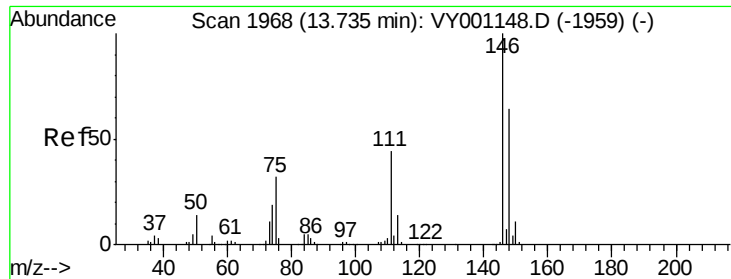
Tot Ion: 91 Resp: 11190
Ion Ratio Lower Upper
91 100
92 56.6 27.7 83.1
134 28.1 12.9 38.6



#90
Hexachloroethane
Concen: 34.623 ug/l
RT: 13.95 min Scan# 2004
Delta R.T. -0.00 min
Lab File: VY001165.D
Acq: 10 Jan 2020 22:07

Tgt Ion: 117 Resp: 1851
Ion Ratio Lower Upper
117 100
201 67.0 35.4 106.2





#91

1,2-Dichlorobenzene

Concen: 55.298 ug/l

RT: 13.73 min Scan# 1968

Delta R.T. -0.00 min

Lab File: VY001165.D

Acq: 10 Jan 2020 22:07

Instrument :

MSVOA_Y

ClientSampleId :

CIY1-SB-04-0-2MSD

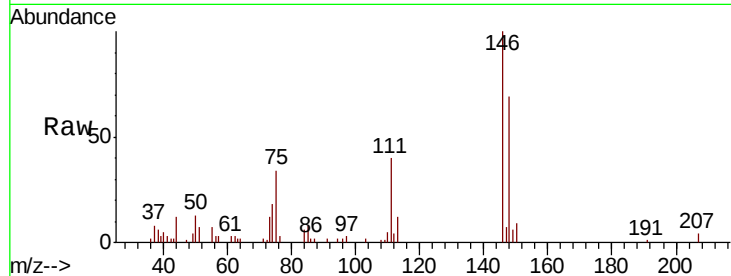
Tot Ion:146 Resp: 6710

Ion Ratio Lower Upper

146 100

111 41.3 22.0 66.0

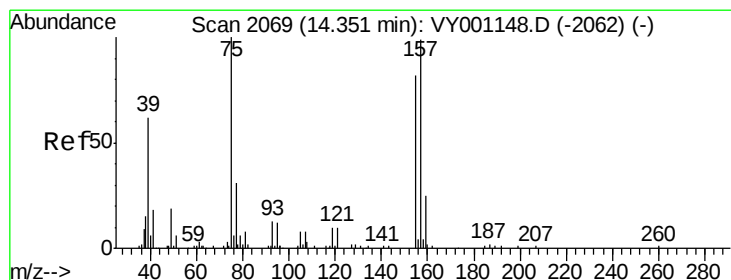
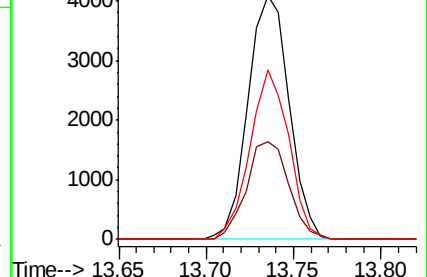
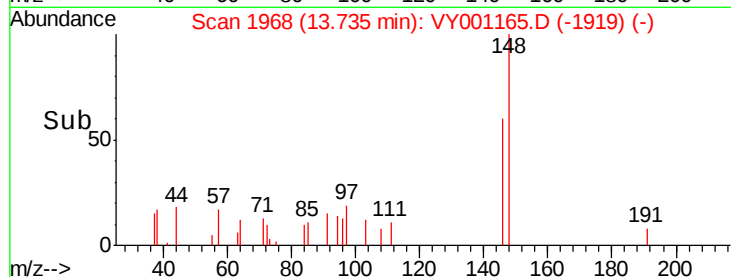
148 65.4 32.1 96.3



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: 54.480 ug/l

RT: 14.35 min Scan# 2069

Delta R.T. -0.00 min

Lab File: VY001165.D

Acq: 10 Jan 2020 22:07

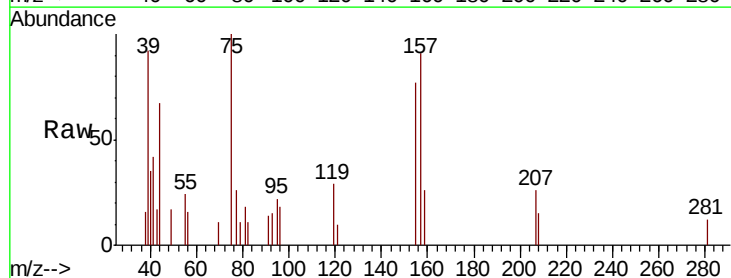
Tgt Ion: 75 Resp: 646

Ion Ratio Lower Upper

75 100

155 96.3 41.2 123.6

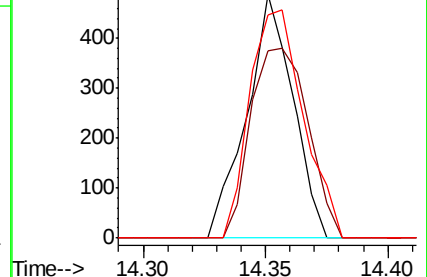
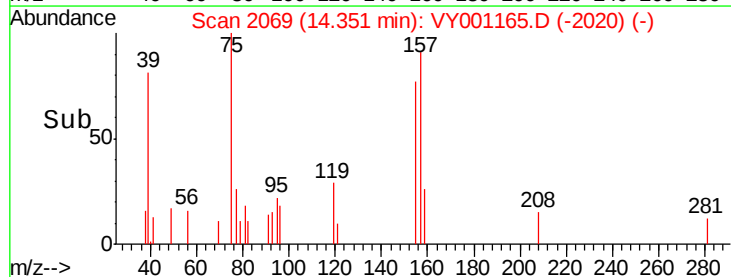
157 108.4 52.8 158.4

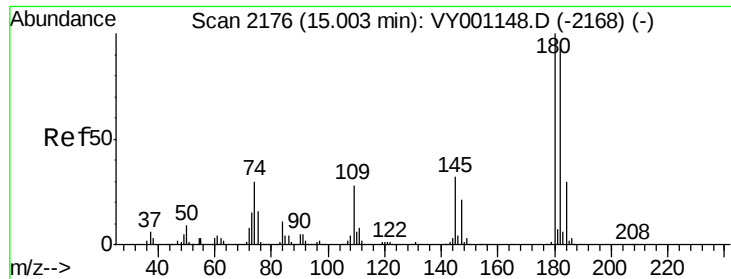


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

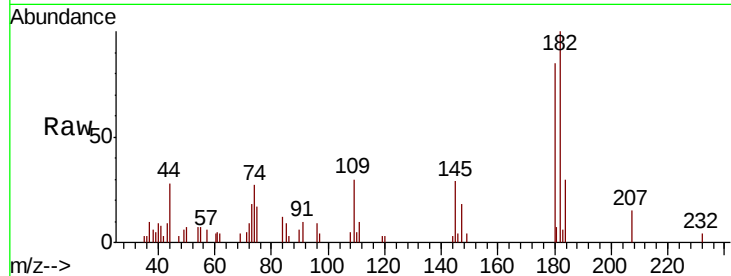




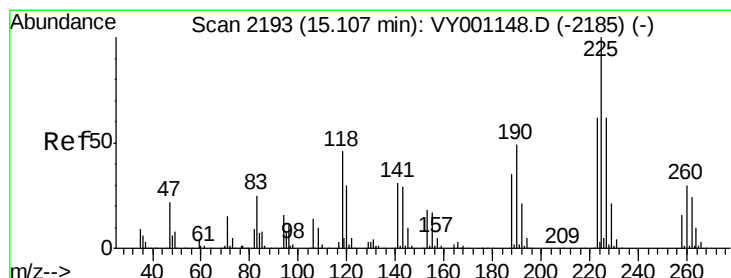
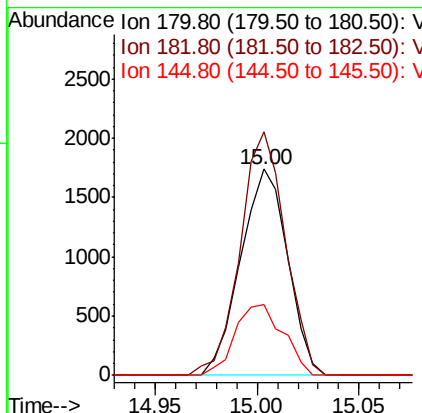
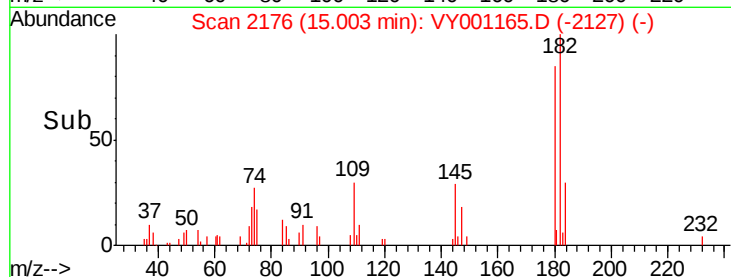
#93
 1,2,4-Trichlorobenzene
 Concen: 34.810 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VY001165.D
 Acq: 10 Jan 2020 22:07

Instrument :
 MSVOA_Y
 ClientSampleId :
 CIY1-SB-04-0-2MSD

Tot Ion:180 Resp: 2783
 Ion Ratio Lower Upper
 180 100
 182 113.6 46.9 140.8
 145 35.0 16.0 48.0

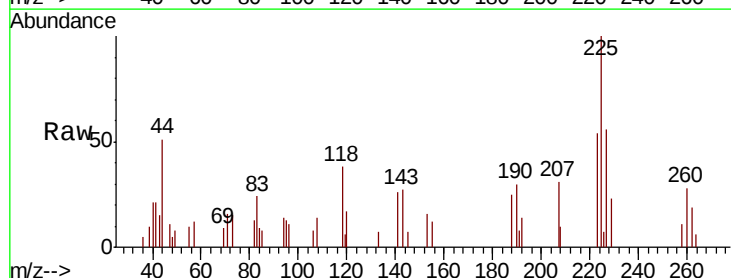


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

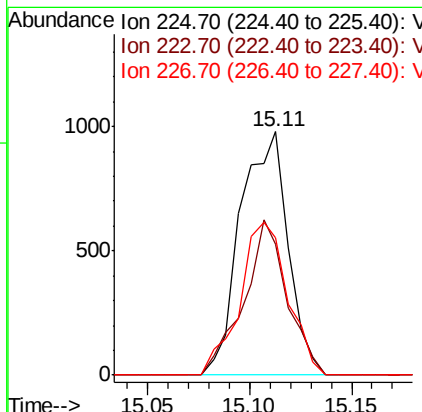
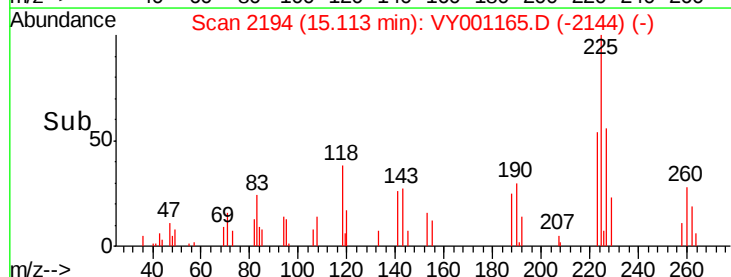


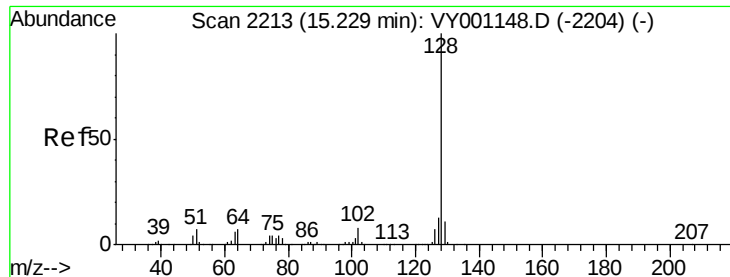
#94
 Hexachlorobutadiene
 Concen: 39.303 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.01 min
 Lab File: VY001165.D
 Acq: 10 Jan 2020 22:07

Tgt Ion:225 Resp: 1583
 Ion Ratio Lower Upper
 225 100
 223 58.2 31.1 93.3
 227 63.6 31.3 93.9



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

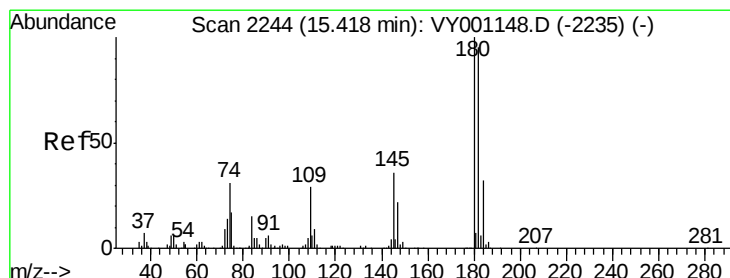
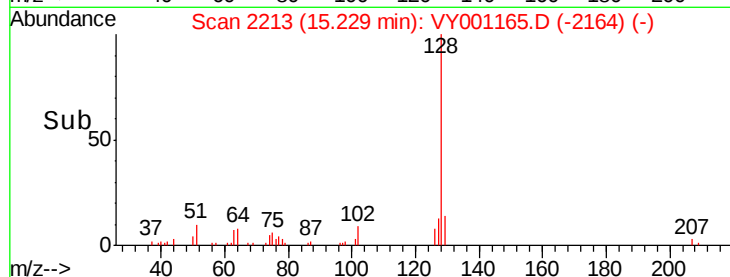
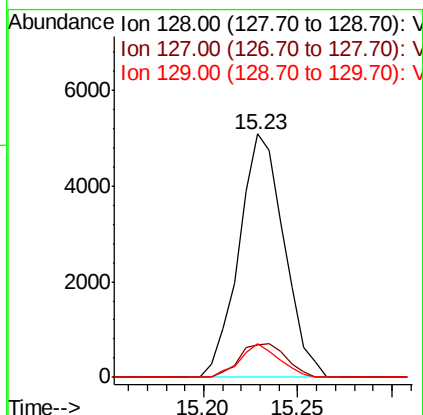
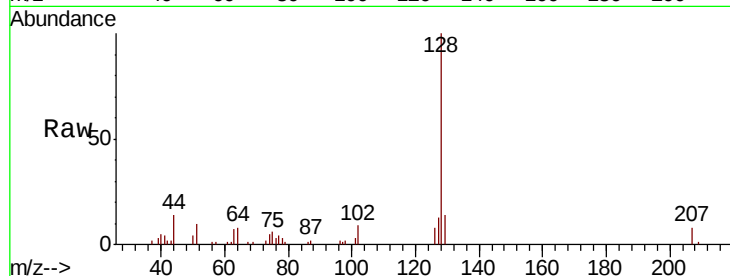




#95
Naphthalene
Concen: 45.411 ug/l
RT: 15.23 min Scan# 2213
Delta R.T. -0.00 min
Lab File: VY001165.D
Acq: 10 Jan 2020 22:07

Instrument :
MSVOA_Y
ClientSampleId :
CIY1-SB-04-0-2MSD

Tot Ion	Ratio	Lower	Upper
128	100		
127	14.2	10.2	15.4
129	11.8	8.5	12.7



#96
1,2,3-Trichlorobenzene
Concen: 39.938 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. 0.01 min
Lab File: VY001165.D
Acq: 10 Jan 2020 22:07

Tgt Ion	Ratio	Lower	Upper
180	100		
182	104.3	47.5	142.5
145	31.9	17.1	51.3

