

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY070720\
 Data File : VY003120.D
 Acq On : 07 Jul 2020 12:26
 Operator : SY/MD
 Sample : VY0707SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0707SBS01

Quant Time: Jul 08 03:49:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 30 04:11:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	423386	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	609294	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	560141	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	300957	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	198260	47.15	ug/l	0.00
Spiked Amount			Recovery	=	94.30%	
35) Dibromofluoromethane	7.72	113	193684	50.96	ug/l	0.00
Spiked Amount			Recovery	=	101.92%	
50) Toluene-d8	10.18	98	712212	50.30	ug/l	0.00
Spiked Amount			Recovery	=	100.60%	
62) 4-Bromofluorobenzene	12.48	95	249860	50.13	ug/l	0.00
Spiked Amount			Recovery	=	100.26%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	57876	18.050	ug/l	99
3) Chloromethane	2.12	50	80094	17.058	ug/l	100
4) Vinyl Chloride	2.26	62	86732	18.937	ug/l	93
5) Bromomethane	2.65	94	65568	21.085	ug/l	95
6) Chloroethane	2.79	64	58872	20.206	ug/l	92
7) Trichlorofluoromethane	3.13	101	127754	19.762	ug/l	95
8) Diethyl Ether	3.54	74	45271	20.428	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.90	101	80738	20.917	ug/l	99
10) Methyl Iodide	4.10	142	97088	20.285	ug/l	98
11) Tert butyl alcohol	4.97	59	38830	90.609	ug/l	98
12) 1,1-Dichloroethene	3.88	96	74938	20.405	ug/l	91
13) Acrolein	3.74	56	30850	80.152	ug/l	96
14) Allyl chloride	4.49	41	115132	17.955	ug/l	98
15) Acrylonitrile	5.18	53	109261	95.662	ug/l	99
16) Acetone	3.96	43	86068	86.783	ug/l	96
17) Carbon Disulfide	4.20	76	221221	18.853	ug/l	99
18) Methyl Acetate	4.48	43	49299	18.451	ug/l	94
19) Methyl tert-butyl Ether	5.22	73	213925	19.983	ug/l	100
20) Methylene Chloride	4.72	84	94475	16.706	ug/l	92
21) trans-1,2-Dichloroethene	5.22	96	85810	20.656	ug/l	88
22) Diisopropyl ether	6.13	45	257037	18.703	ug/l	98
23) Vinyl Acetate	6.07	43	837862	91.188	ug/l	97
24) 1,1-Dichloroethane	6.03	63	144032	19.185	ug/l	99
25) 2-Butanone	7.00	43	139587	88.603	ug/l	98
26) 2,2-Dichloropropane	6.99	77	133727	19.606	ug/l	98
27) cis-1,2-Dichloroethene	6.99	96	94283	20.235	ug/l	95
28) Bromochloromethane	7.35	49	59939	17.944	ug/l	86
29) Tetrahydrofuran	7.35	42	94352	90.060	ug/l	95
30) Chloroform	7.52	83	152600	20.518	ug/l	97
31) Cyclohexane	7.79	56	139441	18.854	ug/l	90
32) 1,1,1-Trichloroethane	7.71	97	136177	20.059	ug/l	99
36) 1,1-Dichloropropene	7.92	75	120161	20.474	ug/l	99
37) Ethyl Acetate	7.08	43	66983	18.982	ug/l	97
38) Carbon Tetrachloride	7.90	117	125276	20.516	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.18	83	149378	20.528	ug/l	99
40) Benzene	8.16	78	333512	20.757	ug/l	100
41) Methacrylonitrile	7.35	41	87255	46.290	ug/l #	1
42) 1,2-Dichloroethane	8.24	62	102068	20.080	ug/l	99
43) Isopropyl Acetate	8.28	43	123884	18.467	ug/l	95
44) Trichloroethene	8.94	130	101968	21.834	ug/l	98
45) 1,2-Dichloropropane	9.22	63	87530	20.249	ug/l	92
46) Dibromomethane	9.31	93	51497	21.330	ug/l	98
47) Bromodichloromethane	9.50	83	120984	20.465	ug/l	97
48) Methyl methacrylate	9.30	41	55135	18.057	ug/l	93
49) 1,4-Dioxane	9.30	88	11673	396.072	ug/l	97
51) 4-Methyl-2-Pentanone	10.07	43	323437	93.284	ug/l	96
52) Toluene	10.24	92	211668	20.927	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	127327	20.543	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	142671	20.127	ug/l	98
55) 1,1,2-Trichloroethane	10.64	97	70441	20.996	ug/l	99
56) Ethyl methacrylate	10.51	69	96445	19.859	ug/l	95
57) 1,3-Dichloropropane	10.79	76	120637	20.483	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	225176	90.405	ug/l	97
59) 2-Hexanone	10.83	43	224240	92.528	ug/l	98
60) Dibromochloromethane	10.99	129	89918	20.943	ug/l	100
61) 1,2-Dibromoethane	11.09	107	69454	20.999	ug/l	98
64) Tetrachloroethene	10.72	164	110518	23.312	ug/l	98
65) Chlorobenzene	11.52	112	233551	21.146	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	91192	21.148	ug/l	99
67) Ethyl Benzene	11.59	91	420499	20.811	ug/l	100
68) m/p-Xylenes	11.70	106	320269	42.587	ug/l	97
69) o-Xylene	12.03	106	151894	21.434	ug/l	94
70) Styrene	12.04	104	253012	20.899	ug/l	98
71) Bromoform	12.20	173	59661	20.749	ug/l #	100
73) Isopropylbenzene	12.33	105	410831	20.858	ug/l	98
74) N-amyl acetate	12.14	43	116177	18.119	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.58	83	79317	19.955	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	111771	37.525	ug/l #	100
77) Bromobenzene	12.61	156	105893	20.968	ug/l	96
78) n-propylbenzene	12.67	91	490319	20.699	ug/l	99
79) 2-Chlorotoluene	12.75	91	275832	20.862	ug/l	98
80) 1,3,5-Trimethylbenzene	12.81	105	347130	21.002	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	29086	18.999	ug/l	97
82) 4-Chlorotoluene	12.85	91	284962	20.700	ug/l	99
83) tert-Butylbenzene	13.07	119	306722	21.134	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	349288	20.972	ug/l	99
85) sec-Butylbenzene	13.25	105	423030	21.147	ug/l	99
86) p-Isopropyltoluene	13.37	119	392614	21.181	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	200931	21.311	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	201323	21.654	ug/l	99
89) n-Butylbenzene	13.69	91	373854	21.080	ug/l	99
90) Hexachloroethane	13.96	117	73346	19.927	ug/l	100
91) 1,2-Dichlorobenzene	13.74	146	180639	21.354	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	13602	19.331	ug/l	95

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Instrument :
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Quant Title : SW846 8260
QLast Update : Tue Jun 30 04:11:35 2020
Response via : Initial Calibration

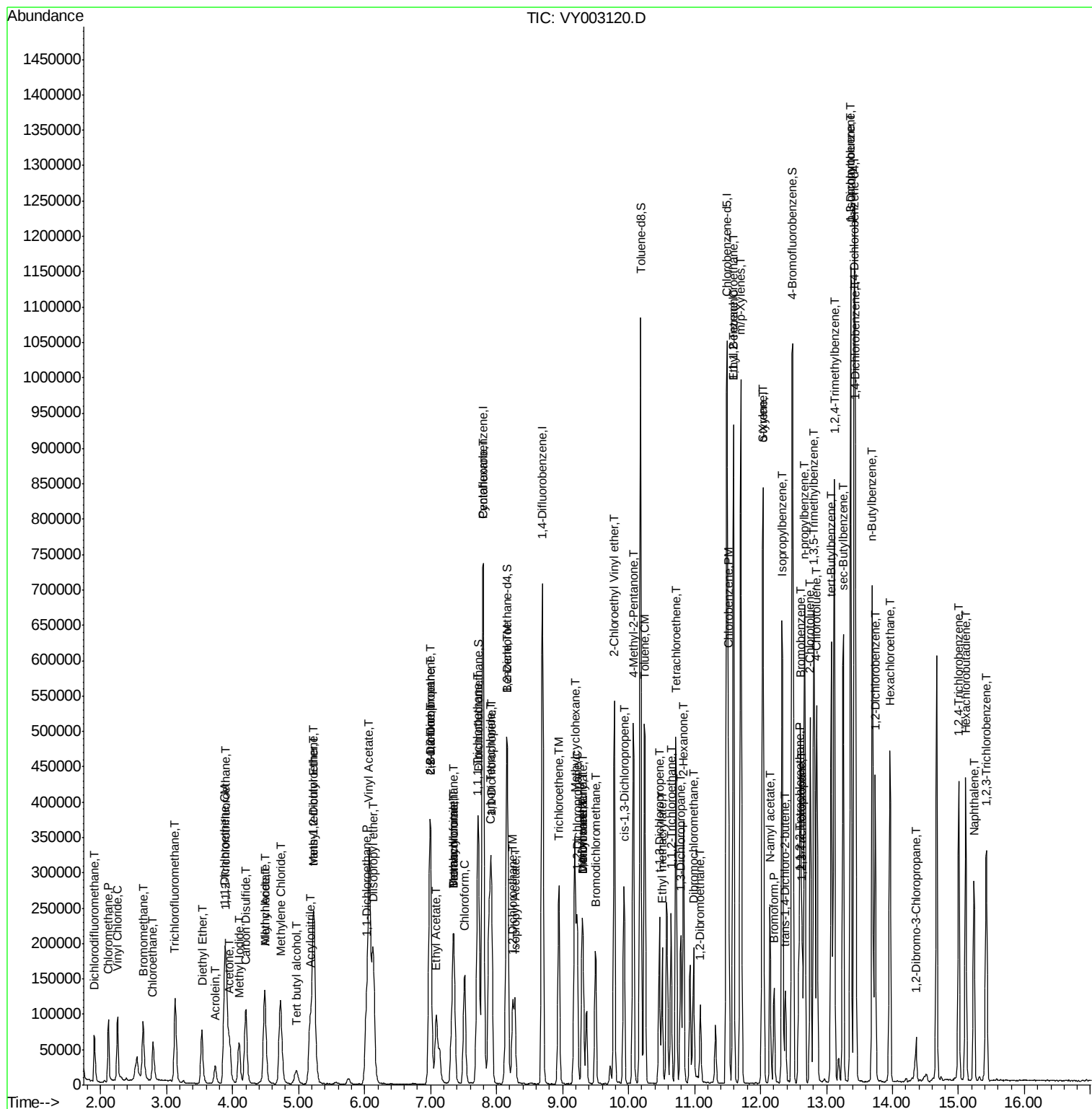
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	135601	21.573	ug/l	99
94) Hexachlorobutadiene	15.11	225	88029	22.202	ug/l	99
95) Naphthalene	15.23	128	229585	19.997	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	113326	20.763	ug/l	100

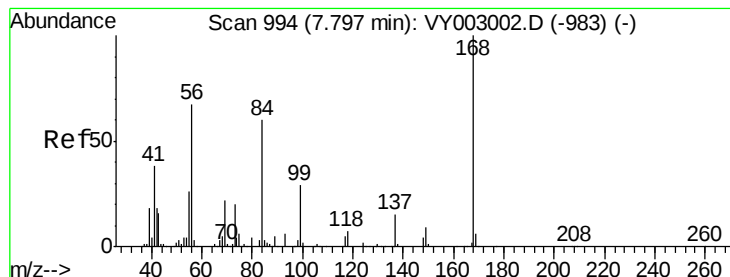
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY070720\
 Data File : VY003120.D
 Acq On : 07 Jul 2020 12:26
 Operator : SY/MD
 Sample : VY0707SBSD01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

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 Client Sample Id :
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 Quant Title : SW846 8260
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 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.00 min

Lab File: VY003120.D

Acq: 07 Jul 2020 12:26

Instrument :

MSVOA_Y

ClientSampleId :

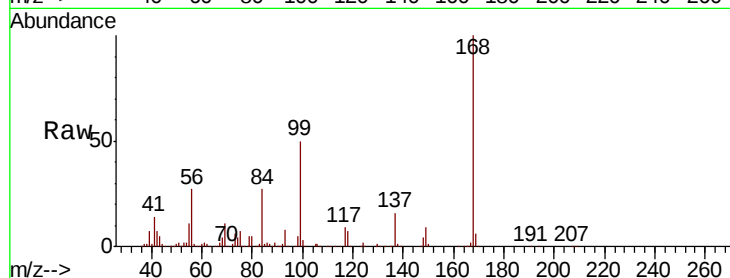
VY0707SBSD01

Tot Ion:168 Resp: 423386

Ion Ratio Lower Upper

168 100

99 49.9 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY003120.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY003120.D (-945) (-)

7.80

200000

150000

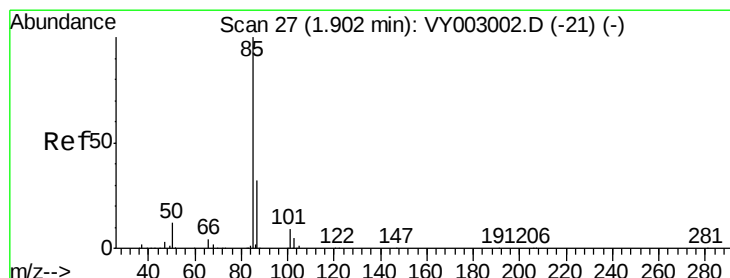
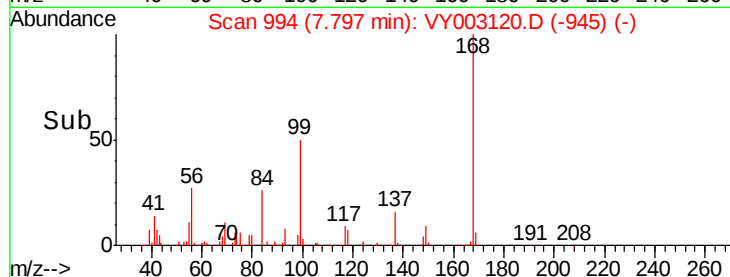
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 18.050 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.01 min

Lab File: VY003120.D

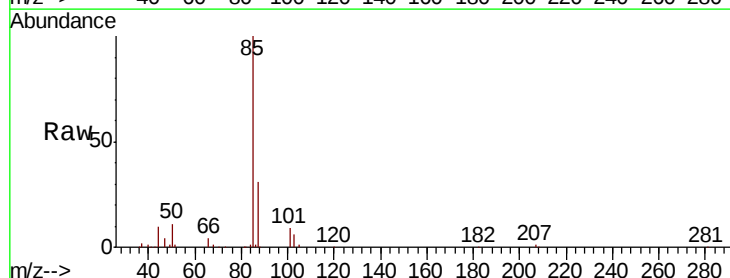
Acq: 07 Jul 2020 12:26

Tgt Ion: 85 Resp: 57876

Ion Ratio Lower Upper

85 100

87 30.8 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VY003120.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY003120.D (-1) (-)

1.91

40000

30000

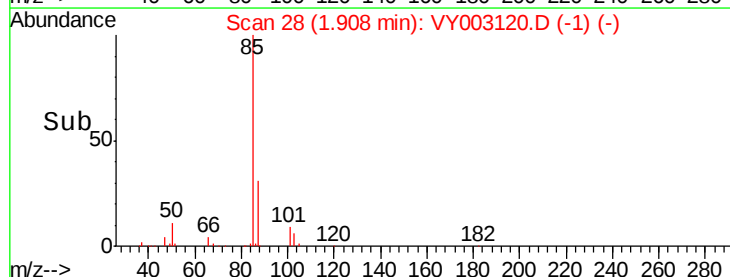
20000

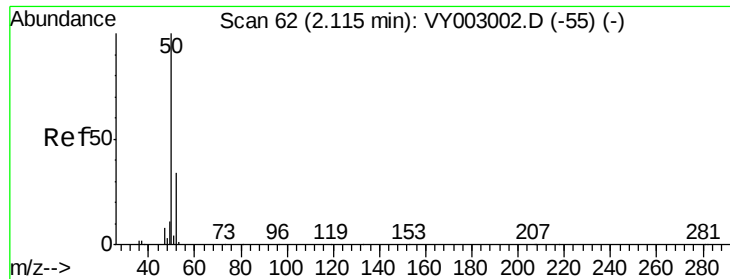
10000

0

1.85 1.90 1.95 2.00

Time-->





#3

Chloromethane

Concen: 17.058 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY003120.D

Acq: 07 Jul 2020 12:26

Instrument :

MSVOA_Y

ClientSampleId :

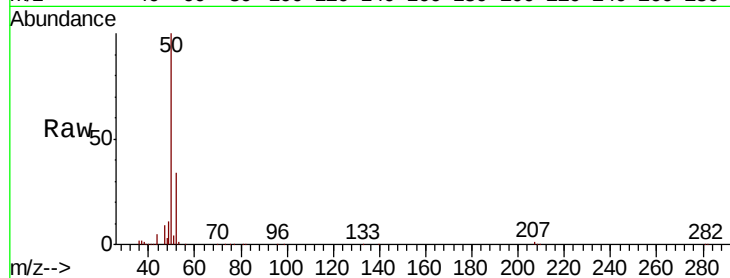
VY0707SBS01

Tot Ion: 50 Resp: 80094

Ion Ratio Lower Upper

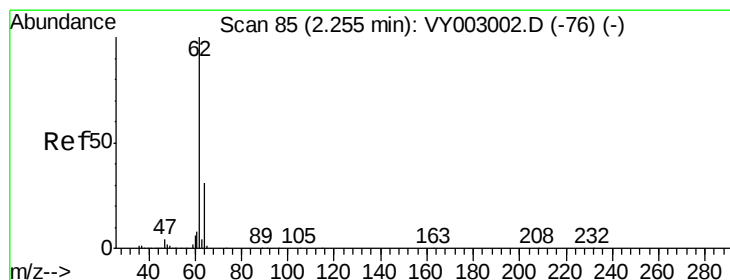
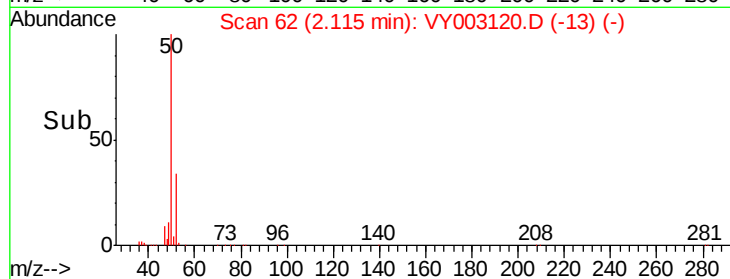
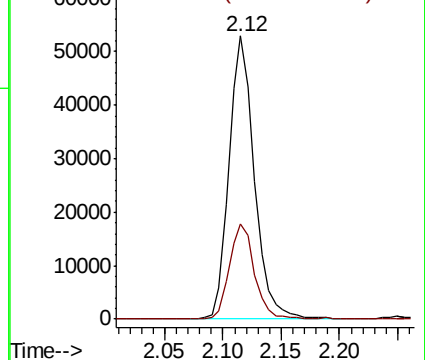
50 100

52 33.5 26.9 40.3



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 18.937 ug/l

RT: 2.26 min Scan# 85

Delta R.T. -0.00 min

Lab File: VY003120.D

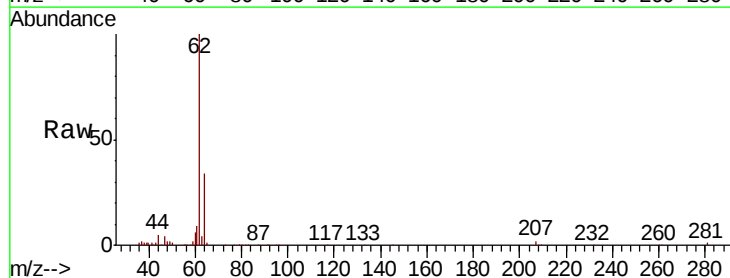
Acq: 07 Jul 2020 12:26

Tgt Ion: 62 Resp: 86732

Ion Ratio Lower Upper

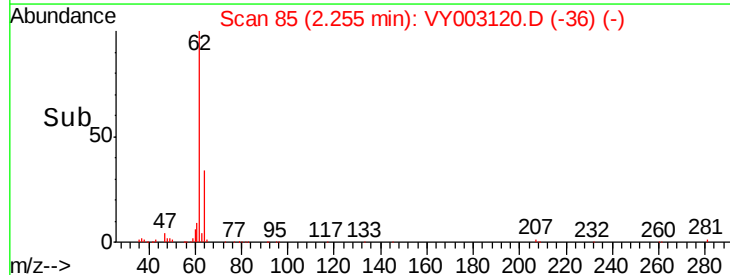
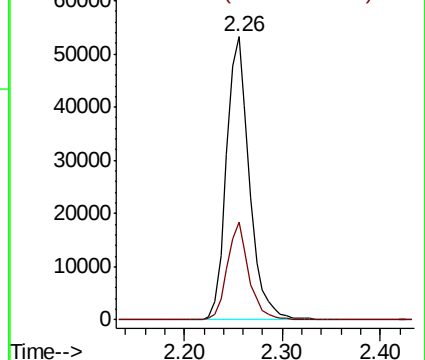
62 100

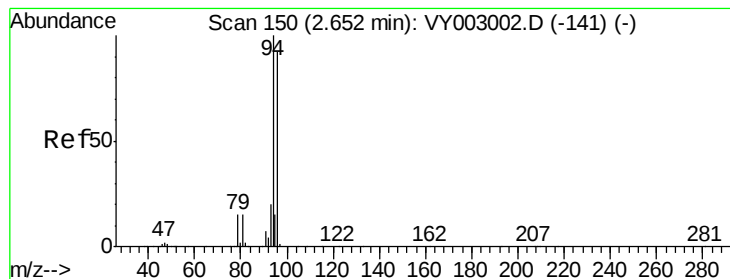
64 34.4 24.4 36.6



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 21.085 ug/l

RT: 2.65 min Scan# 149

Delta R.T. -0.01 min

Lab File: VY003120.D

Acq: 07 Jul 2020 12:26

Instrument :

MSVOA_Y

ClientSampleId :

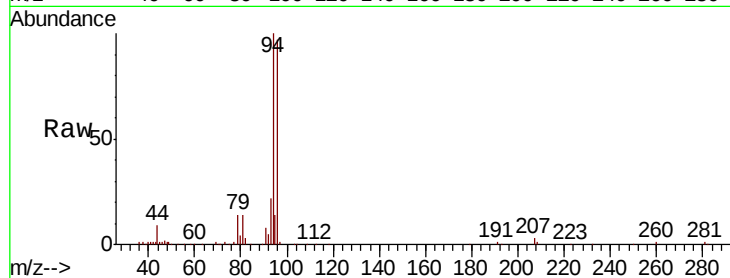
VY0707SBS01

Tot Ion: 94 Resp: 65568

Ion Ratio Lower Upper

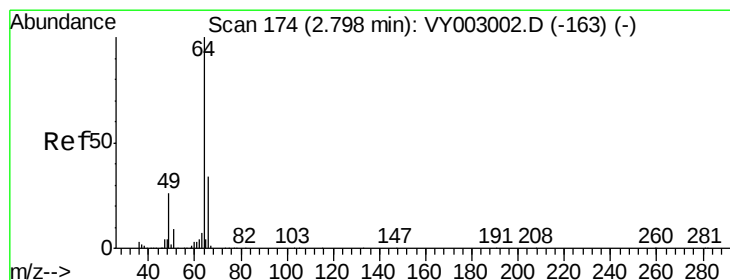
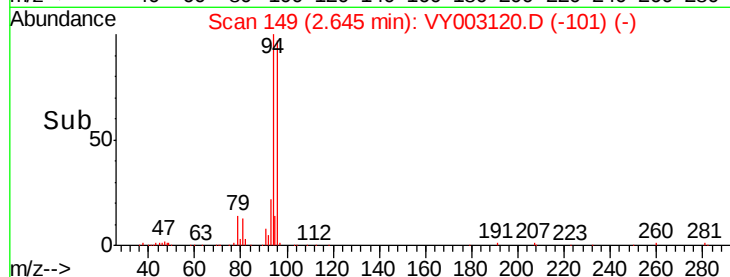
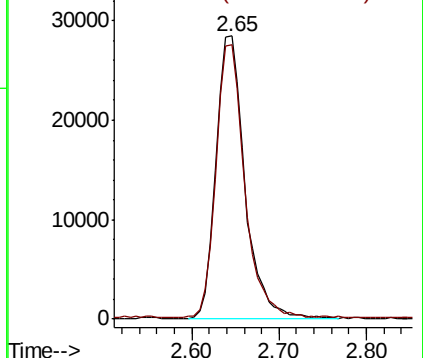
94 100

96 96.2 73.4 110.2



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 20.206 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.01 min

Lab File: VY003120.D

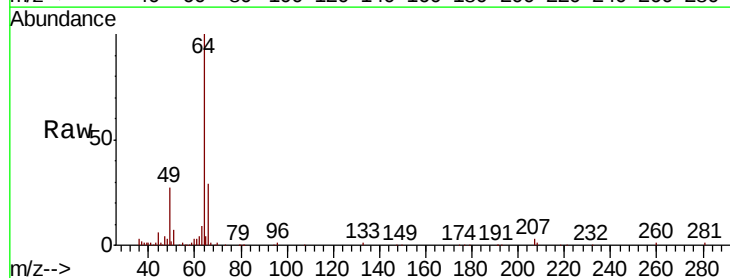
Acq: 07 Jul 2020 12:26

Tgt Ion: 64 Resp: 58872

Ion Ratio Lower Upper

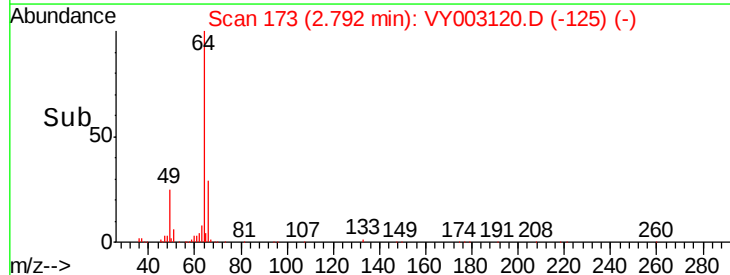
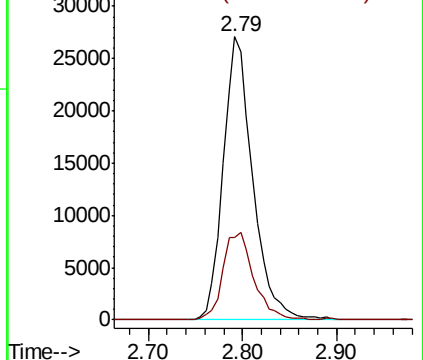
64 100

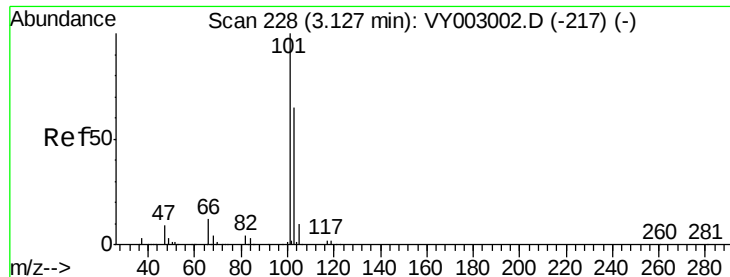
66 29.1 27.0 40.4



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



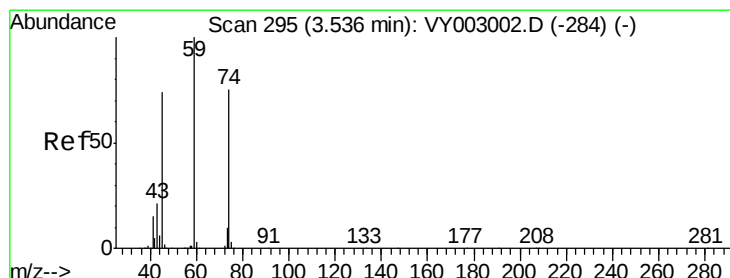
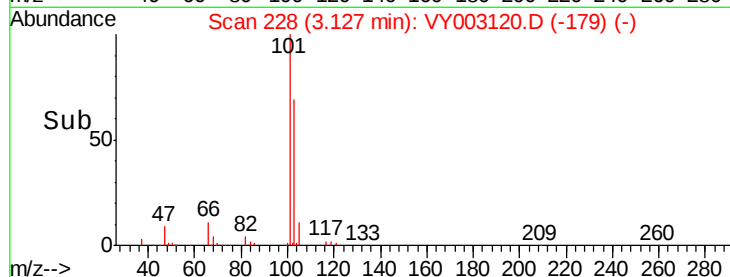
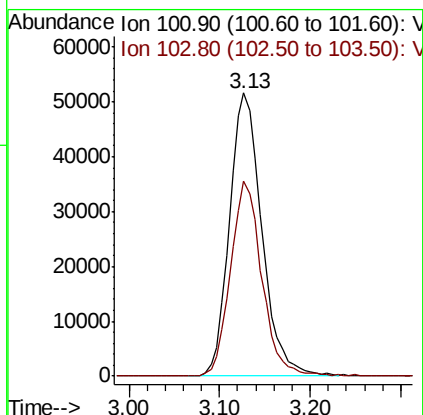
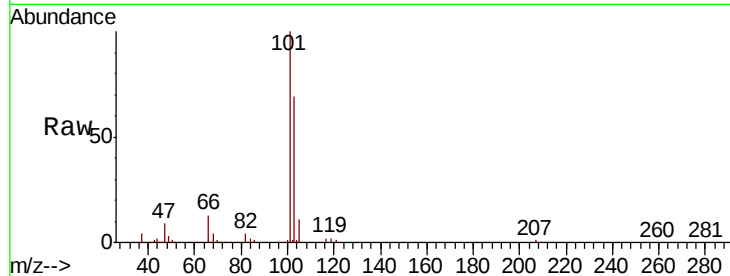


#7

Trichlorofluoromethane
 Concen: 19.762 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. -0.00 min
 Lab File: VY003120.D
 Acq: 07 Jul 2020 12:26

Instrument :
 MSVOA_Y
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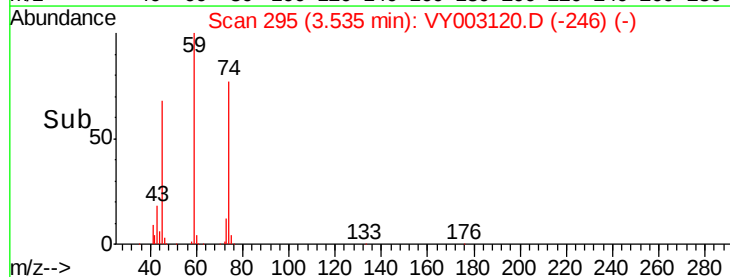
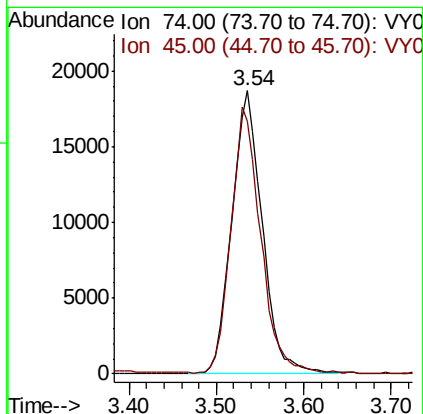
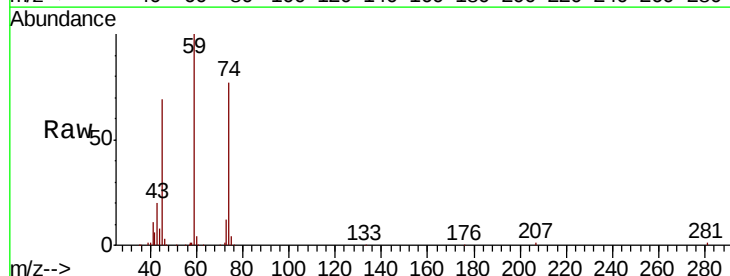
Tot Ion:101 Resp: 127754
 Ion Ratio Lower Upper
 101 100
 103 68.8 51.6 77.4

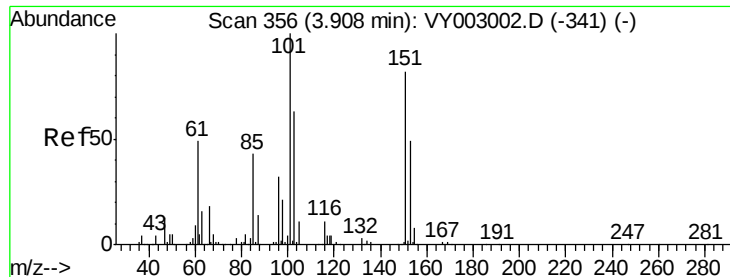


#8

Diethyl Ether
 Concen: 20.428 ug/l
 RT: 3.54 min Scan# 295
 Delta R.T. -0.00 min
 Lab File: VY003120.D
 Acq: 07 Jul 2020 12:26

Tgt Ion: 74 Resp: 45271
 Ion Ratio Lower Upper
 74 100
 45 92.6 49.3 147.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.917 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.01 min

Lab File: VY003120.D

Acq: 07 Jul 2020 12:26

Instrument :

MSVOA_Y

ClientSampleId :

VY0707SBSD01

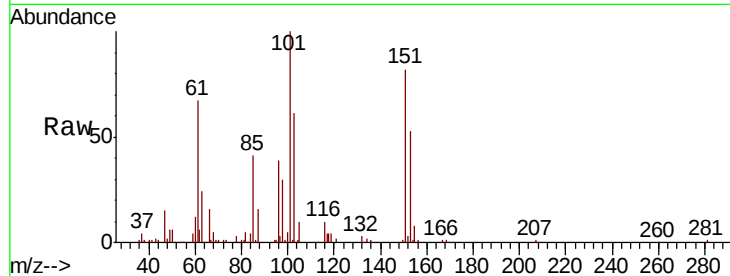
Tot Ion:101 Resp: 80738

Ion Ratio Lower Upper

101 100

85 44.4 35.5 53.3

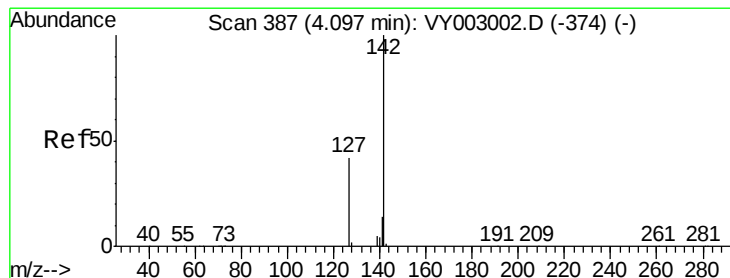
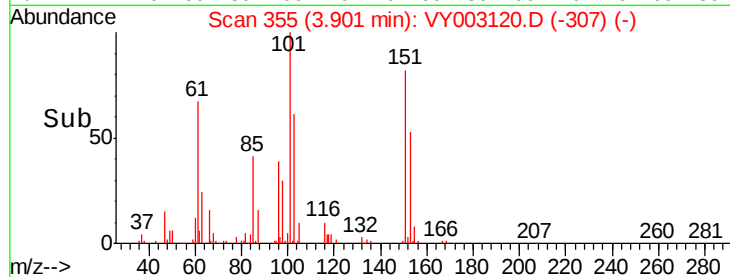
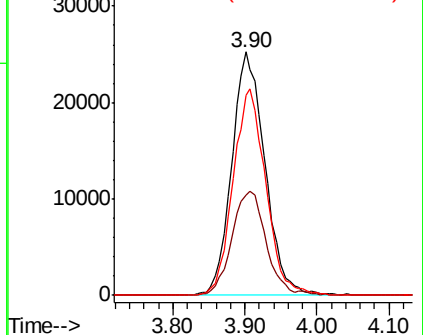
151 83.6 65.5 98.3



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: 20.285 ug/l

RT: 4.10 min Scan# 387

Delta R.T. -0.00 min

Lab File: VY003120.D

Acq: 07 Jul 2020 12:26

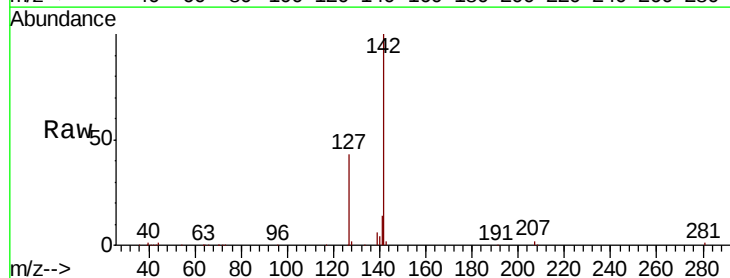
Tgt Ion:142 Resp: 97088

Ion Ratio Lower Upper

142 100

127 41.1 34.2 51.2

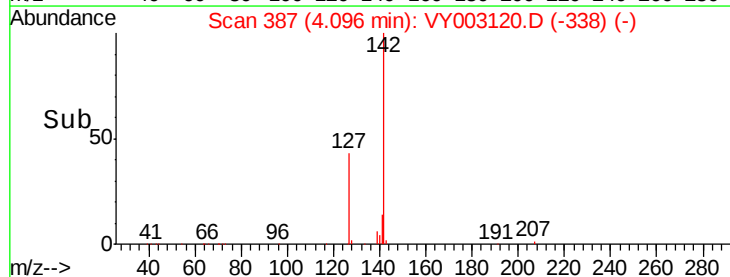
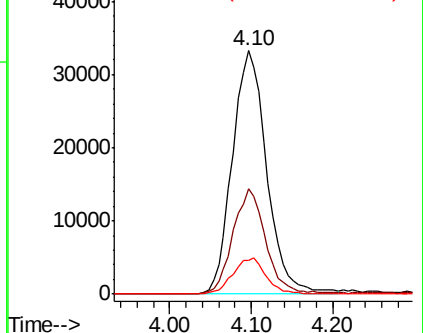
141 14.2 11.7 17.5

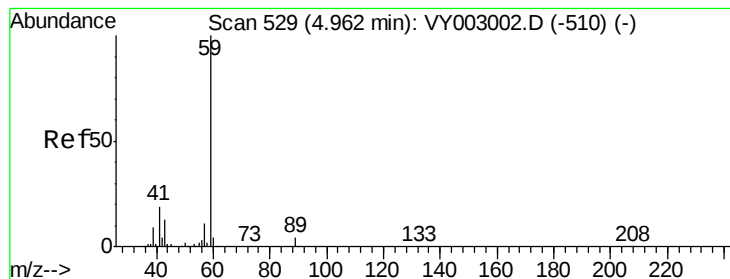


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



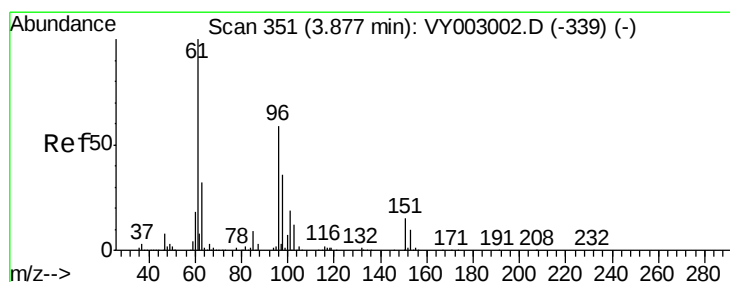
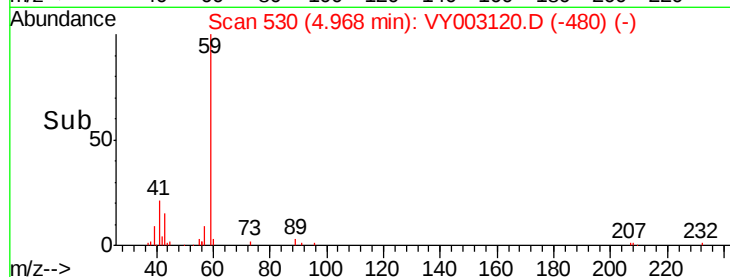
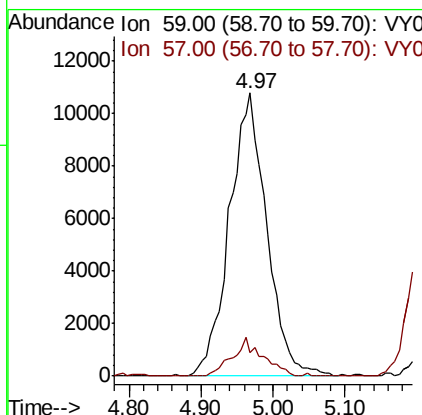
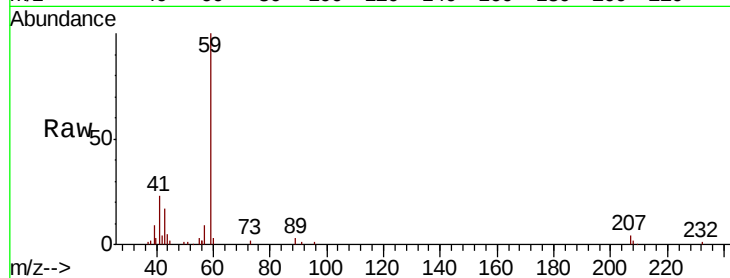


#11

Tert butyl alcohol
Concen: 90.609 ug/l
RT: 4.97 min Scan# 530
Delta R.T. 0.01 min
Lab File: VY003120.D
Acq: 07 Jul 2020 12:26

Instrument :
MSVOA_Y
ClientSampleId :
VY0707SBS01

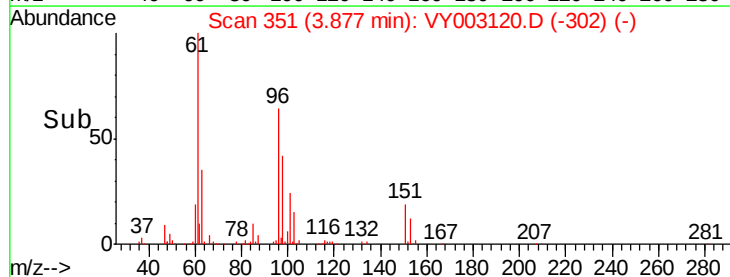
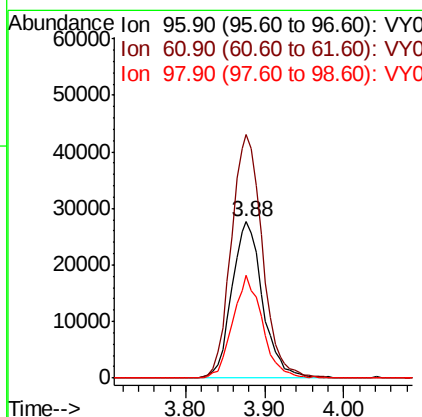
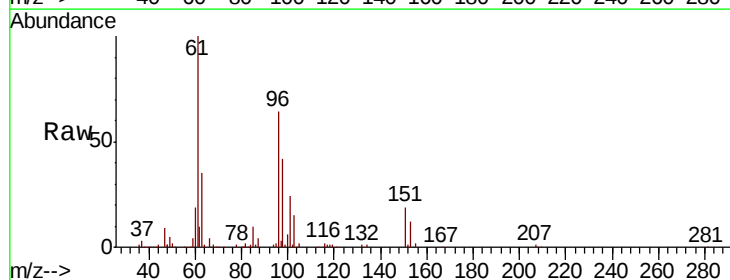
Tot Ion: 59 Resp: 38830
Ion Ratio Lower Upper
59 100
57 10.9 8.0 12.0

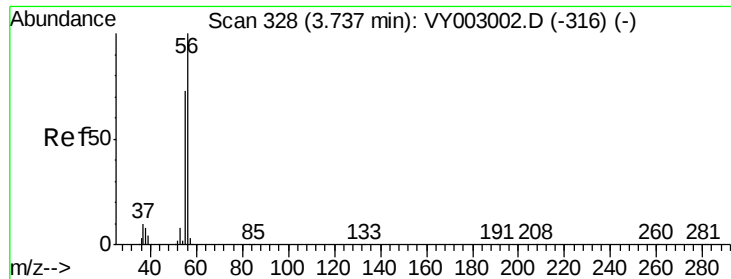


#12

1,1-Dichloroethene
Concen: 20.405 ug/l
RT: 3.88 min Scan# 351
Delta R.T. -0.00 min
Lab File: VY003120.D
Acq: 07 Jul 2020 12:26

Tgt Ion: 96 Resp: 74938
Ion Ratio Lower Upper
96 100
61 155.9 136.7 205.1
98 66.2 49.7 74.5

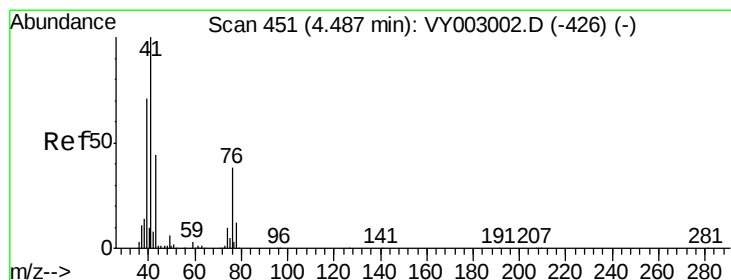
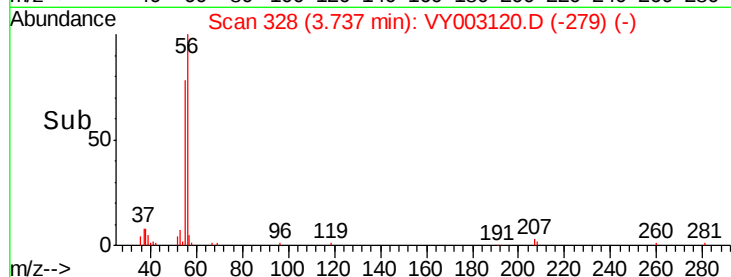
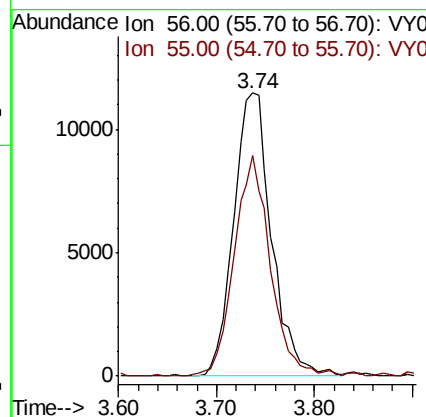
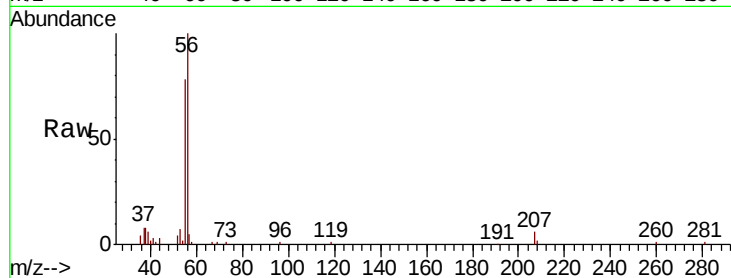




#13
 Acrolein
 Concen: 80.152 ug/l
 RT: 3.74 min Scan# 328
 Delta R.T. -0.00 min
 Lab File: VY003120.D
 Acq: 07 Jul 2020 12:26

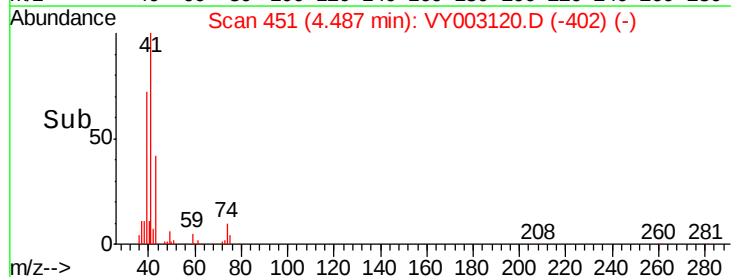
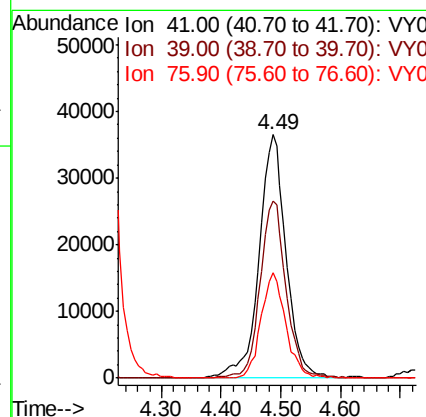
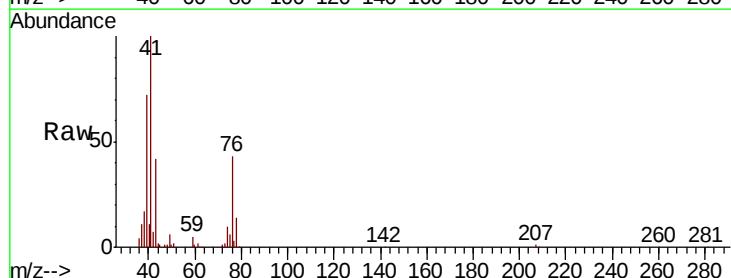
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0707SBS01

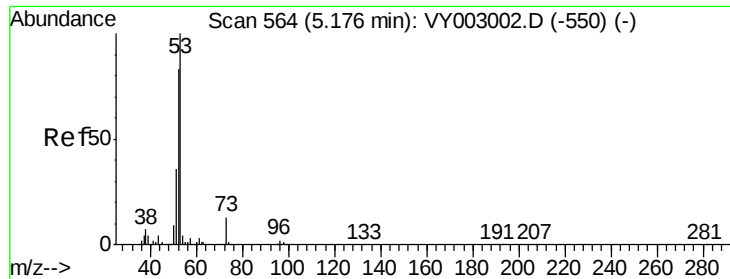
Tot Ion: 56 Resp: 30850
 Ion Ratio Lower Upper
 56 100
 55 74.1 56.4 84.6



#14
 Allyl chloride
 Concen: 17.955 ug/l
 RT: 4.49 min Scan# 451
 Delta R.T. -0.00 min
 Lab File: VY003120.D
 Acq: 07 Jul 2020 12:26

Tgt Ion: 41 Resp: 115132
 Ion Ratio Lower Upper
 41 100
 39 69.8 55.6 83.4
 76 39.6 28.6 43.0





#15

Acrylonitrile

Concen: 95.662 ug/l

RT: 5.18 min Scan# 564

Delta R.T. -0.00 min

Lab File: VY003120.D

Acq: 07 Jul 2020 12:26

Instrument :

MSVOA_Y

ClientSampleId :

VY0707SBS01

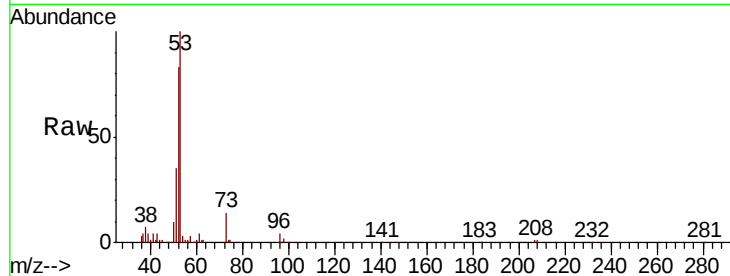
Tot Ion: 53 Resp: 109261

Ion Ratio Lower Upper

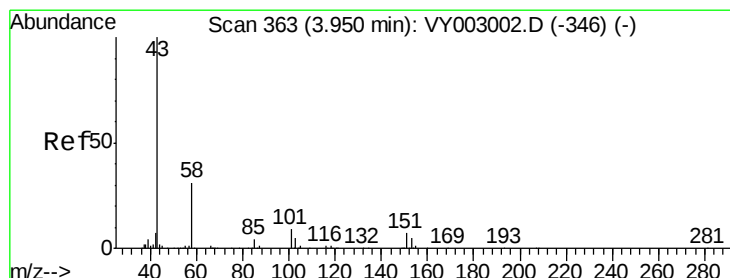
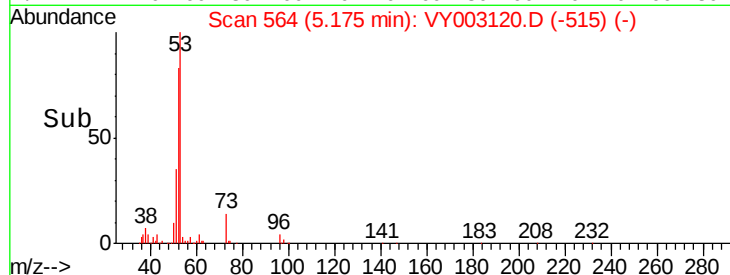
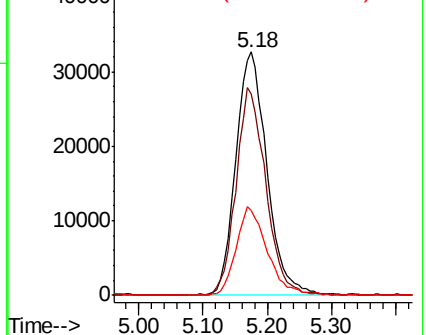
53 100

52 81.3 66.2 99.2

51 36.4 29.5 44.3



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: 86.783 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.01 min

Lab File: VY003120.D

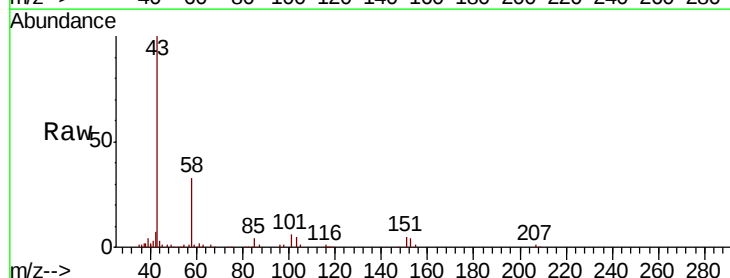
Acq: 07 Jul 2020 12:26

Tgt Ion: 43 Resp: 86068

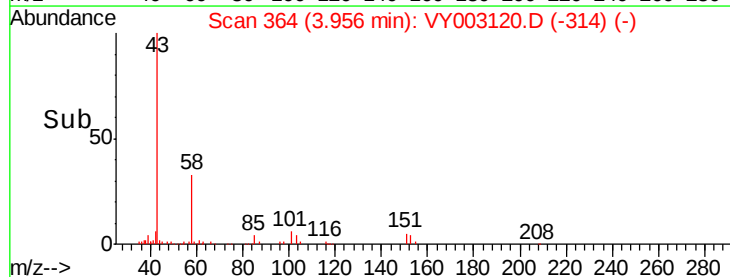
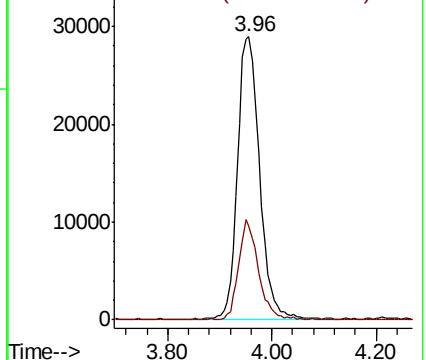
Ion Ratio Lower Upper

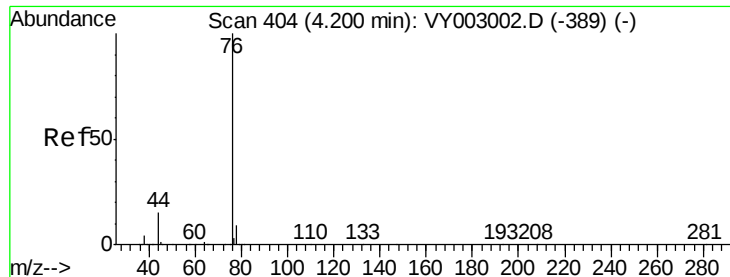
43 100

58 33.3 24.7 37.1



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

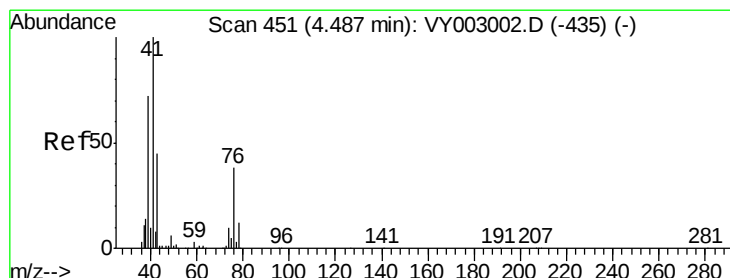
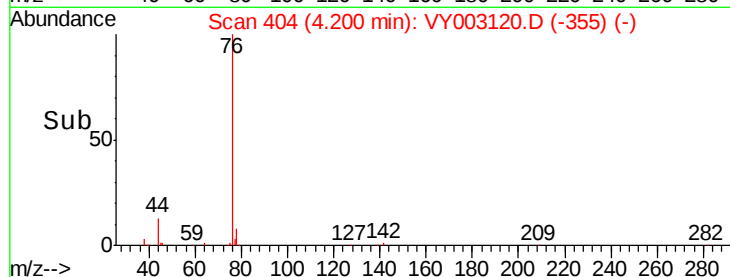
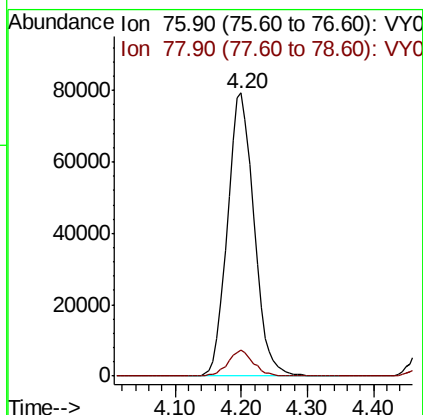
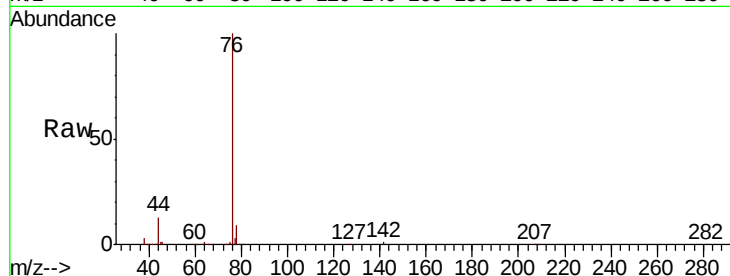




#17
Carbon Disulfide
Concen: 18.853 ug/l
RT: 4.20 min Scan# 404
Delta R.T. -0.00 min
Lab File: VY003120.D
Acq: 07 Jul 2020 12:26

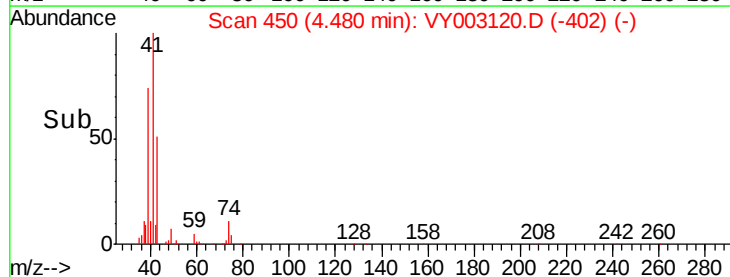
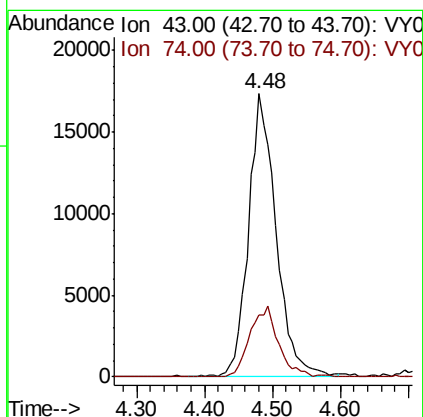
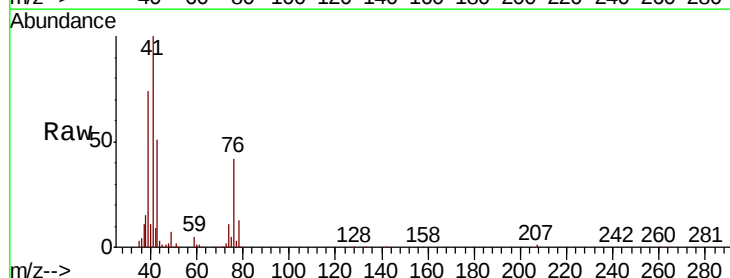
Instrument :
MSVOA_Y
ClientSampleId :
VY0707SBSD01

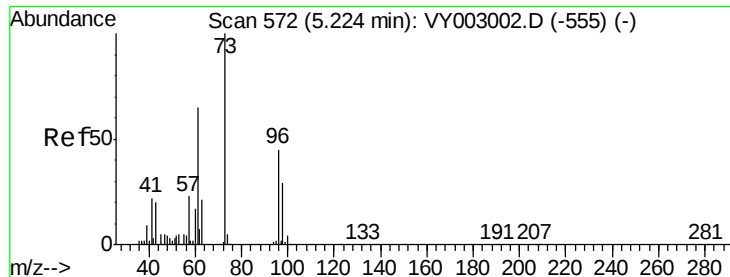
Tot Ion: 76 Resp: 221221
Ion Ratio Lower Upper
76 100
78 9.1 7.0 10.6



#18
Methyl Acetate
Concen: 18.451 ug/l
RT: 4.48 min Scan# 450
Delta R.T. -0.01 min
Lab File: VY003120.D
Acq: 07 Jul 2020 12:26

Tgt Ion: 43 Resp: 49299
Ion Ratio Lower Upper
43 100
74 25.5 18.2 27.4

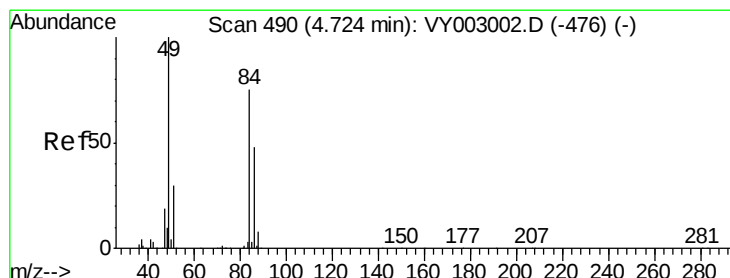
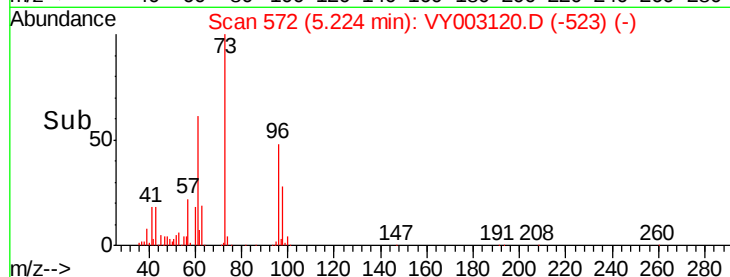
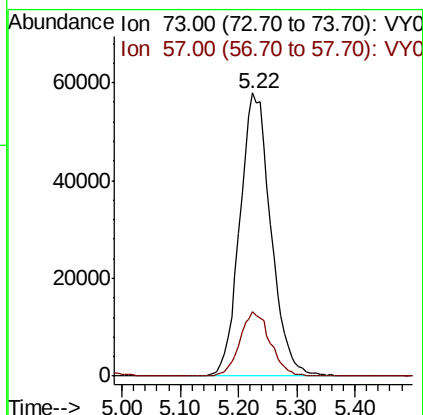
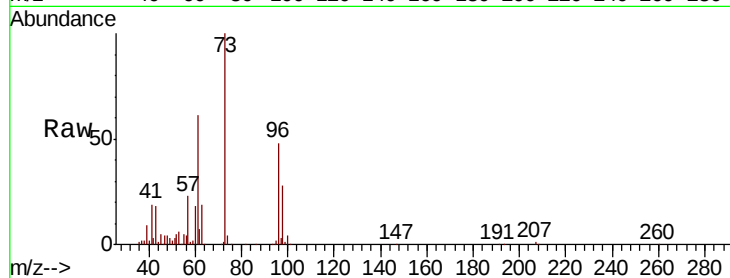




#19
Methvl tert-butvl Ether
Concen: 19.983 ug/l
RT: 5.22 min Scan# 572
Delta R.T. -0.00 min
Lab File: VY003120.D
Acq: 07 Jul 2020 12:26

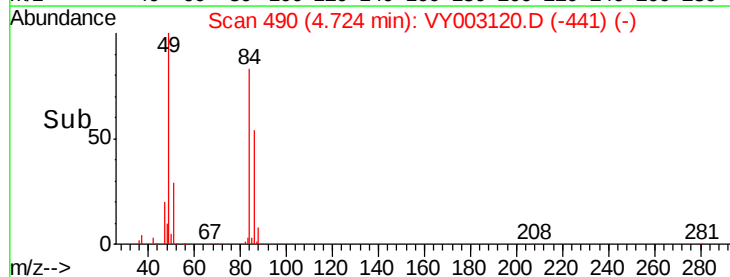
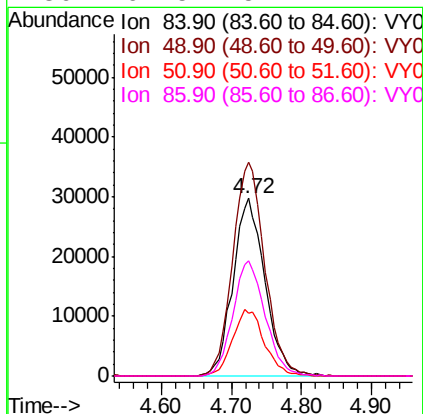
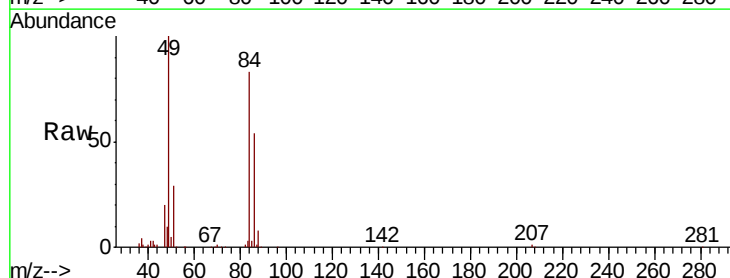
Instrument :
MSVOA_Y
ClientSampleId :
VY0707SBSD01

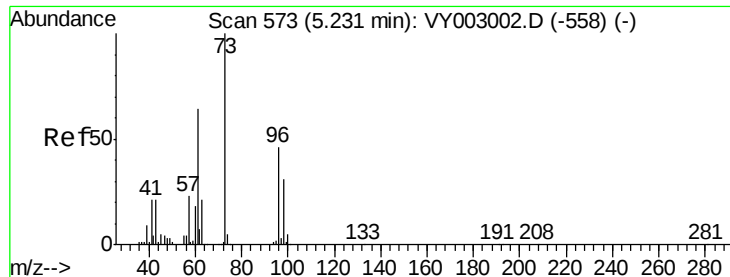
Tot Ion: 73 Resp: 213925
Ion Ratio Lower Upper
73 100
57 22.9 18.2 27.2



#20
Methylene Chloride
Concen: 16.706 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY003120.D
Acq: 07 Jul 2020 12:26

Tgt Ion: 84 Resp: 94475
Ion Ratio Lower Upper
84 100
49 120.1 106.8 160.2
51 35.1 32.0 48.0
86 64.5 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 20.656 ug/l

RT: 5.22 min Scan# 572

Delta R.T. -0.01 min

Lab File: VY003120.D

Acq: 07 Jul 2020 12:26

Instrument :

MSVOA_Y

ClientSampleId :

VY0707SBS01

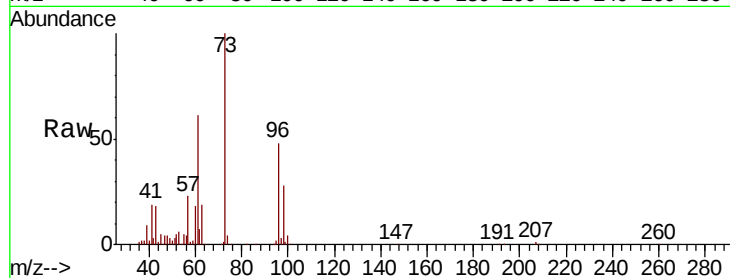
Tot Ion: 96 Resp: 85810

Ion Ratio Lower Upper

96 100

61 125.8 112.3 168.5

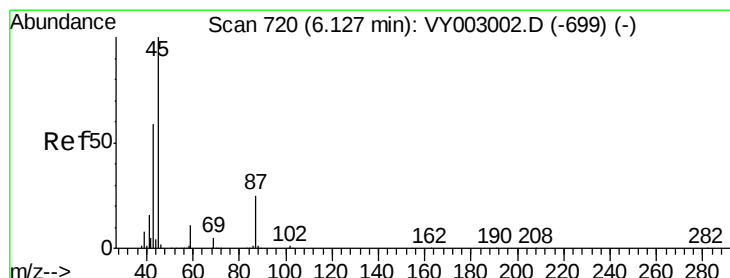
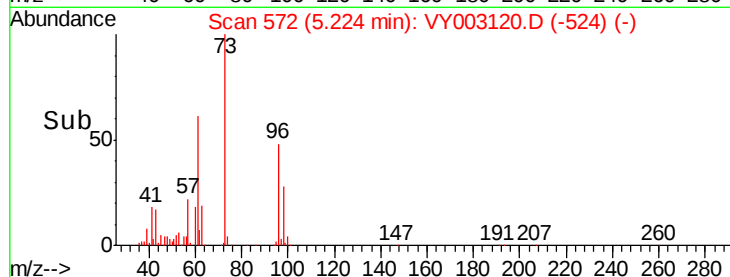
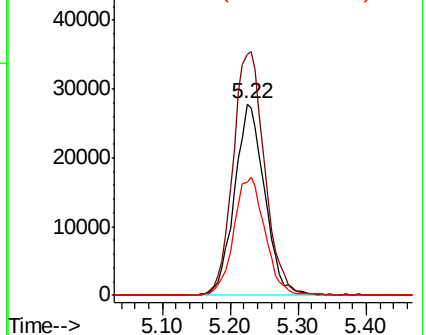
98 58.9 53.8 80.8



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: 18.703 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.00 min

Lab File: VY003120.D

Acq: 07 Jul 2020 12:26

Tgt Ion: 45 Resp: 257037

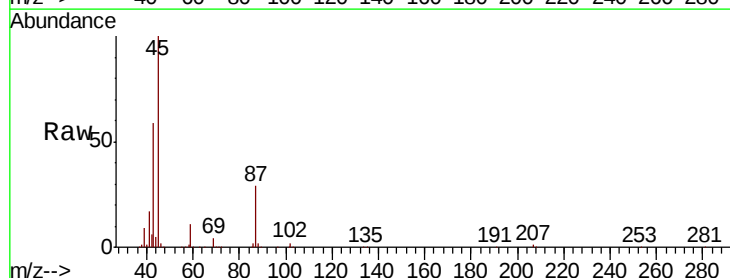
Ion Ratio Lower Upper

45 100

43 58.9 47.4 71.2

87 28.9 20.2 30.2

59 11.0 9.2 13.8

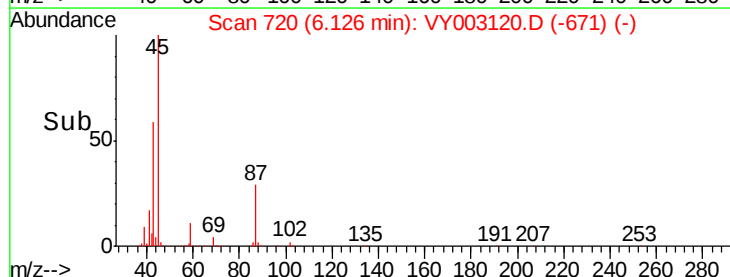
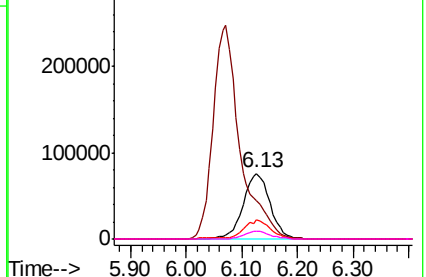


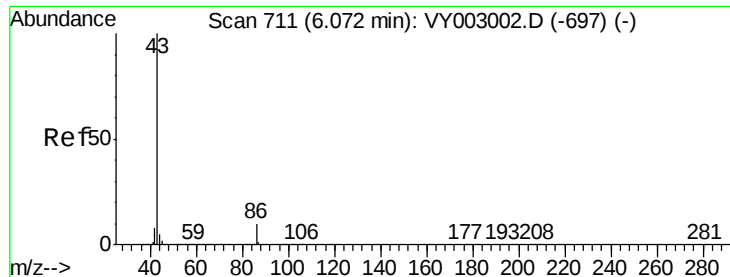
Abundance Ion 45.00 (44.70 to 45.70): VY0

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

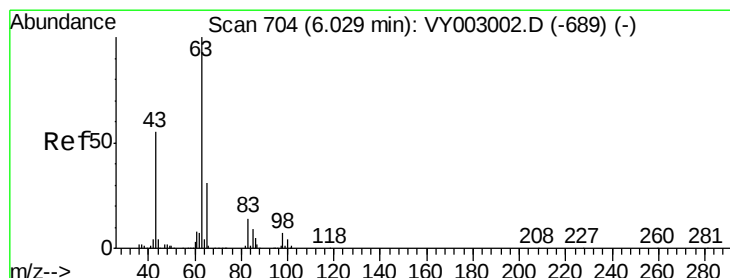
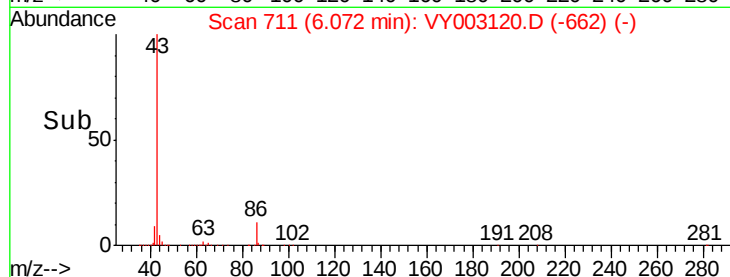
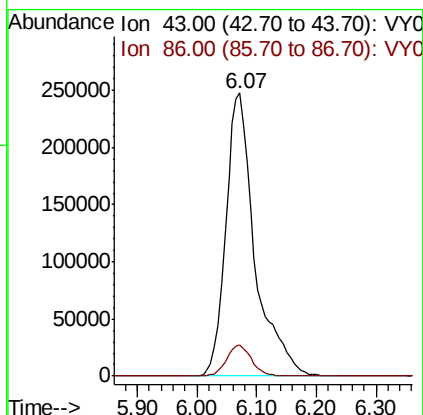
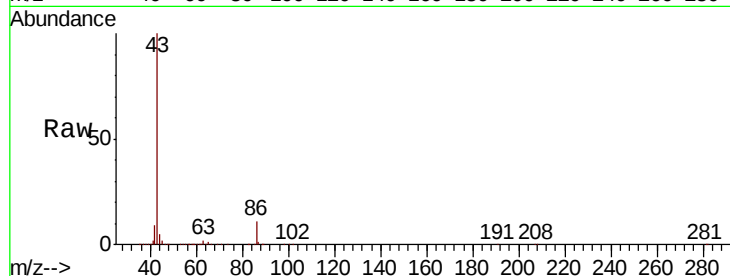




#23
 Vinyl Acetate
 Concen: 91.188 ug/l
 RT: 6.07 min Scan# 711
 Delta R.T. -0.00 min
 Lab File: VY003120.D
 Acq: 07 Jul 2020 12:26

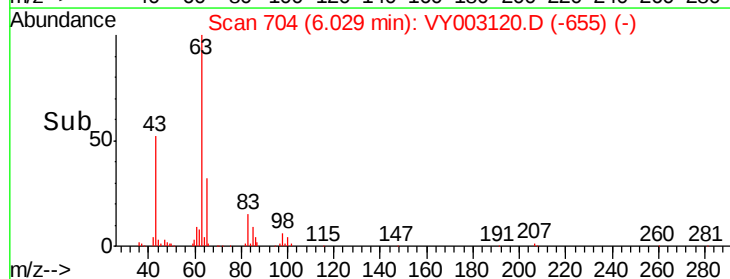
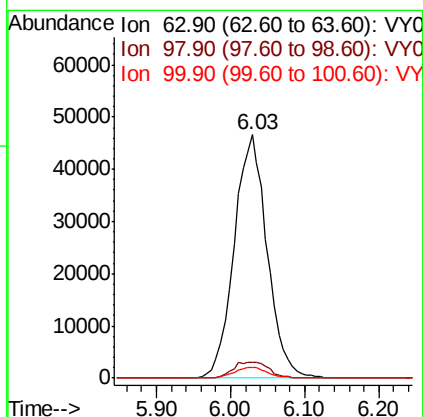
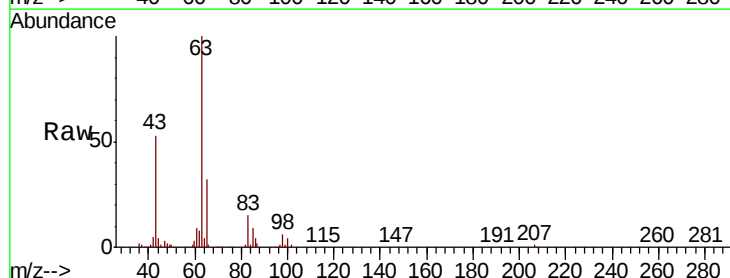
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0707SBS01

Tot Ion: 43 Resp: 837862
 Ion Ratio Lower Upper
 43 100
 86 11.0 8.1 12.1



#24
 1,1-Dichloroethane
 Concen: 19.185 ug/l
 RT: 6.03 min Scan# 704
 Delta R.T. -0.00 min
 Lab File: VY003120.D
 Acq: 07 Jul 2020 12:26

Tgt Ion: 63 Resp: 144032
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.4 10.1
 100 4.3 2.3 6.8

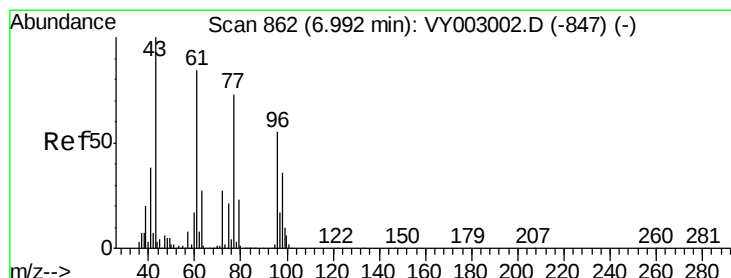
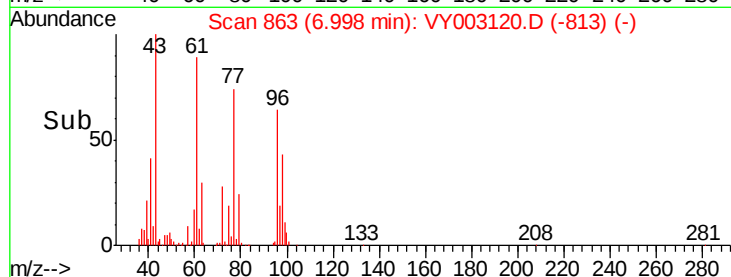
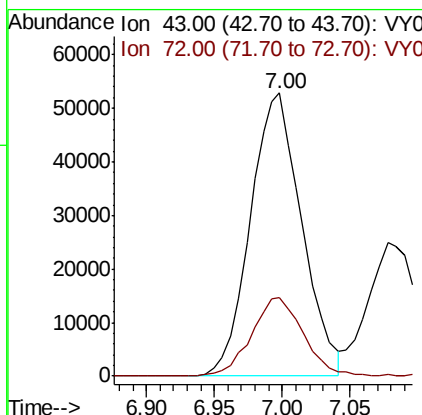
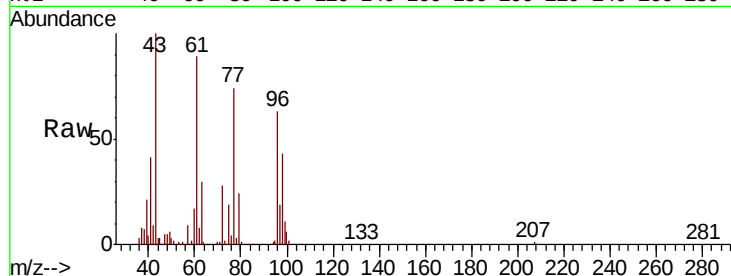




#25
2-Butanone
Concen: 88.603 ug/l
RT: 7.00 min Scan# 863
Delta R.T. 0.01 min
Lab File: VY003120.D
Acq: 07 Jul 2020 12:26

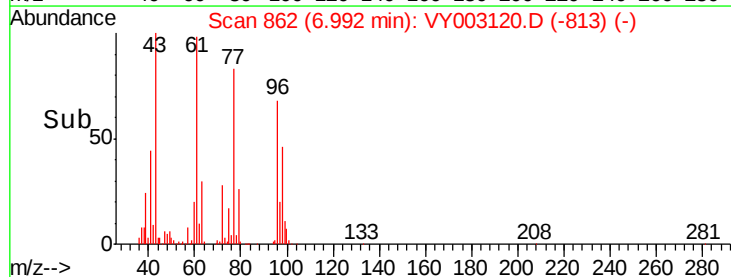
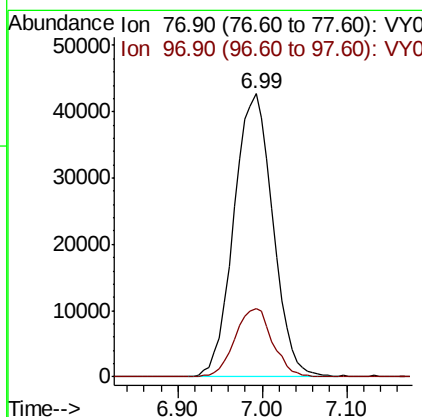
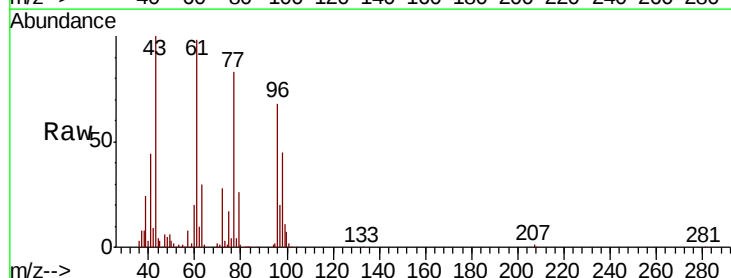
Instrument :
MSVOA_Y
ClientSampleId :
VY0707SBS01

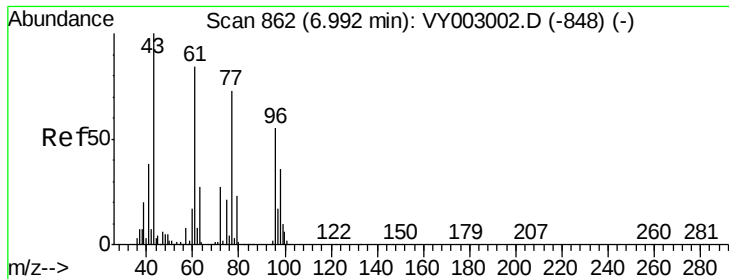
Tot Ion: 43 Resp: 139587
Ion Ratio Lower Upper
43 100
72 28.0 21.4 32.0



#26
2,2-Dichloropropane
Concen: 19.606 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.00 min
Lab File: VY003120.D
Acq: 07 Jul 2020 12:26

Tgt Ion: 77 Resp: 133727
Ion Ratio Lower Upper
77 100
97 23.6 11.3 33.9



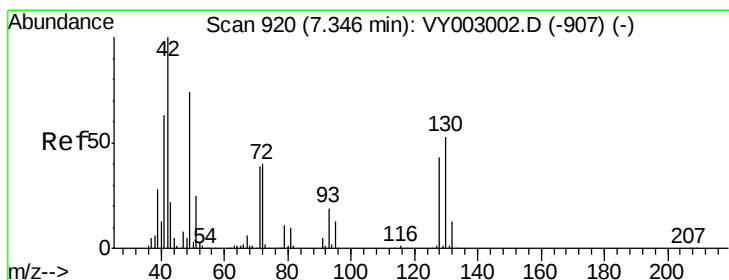
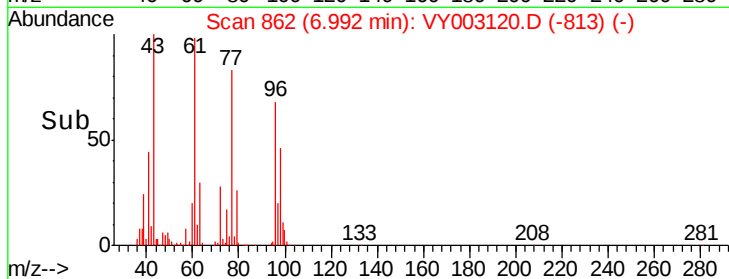
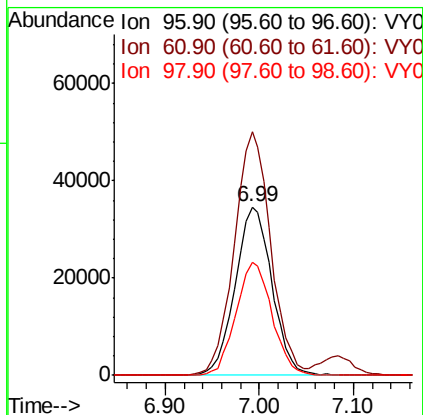
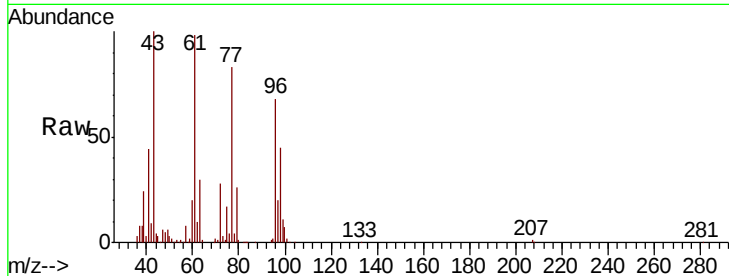


#27

cis-1,2-Dichloroethene
Concen: 20.235 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.00 min
Lab File: VY003120.D
Acq: 07 Jul 2020 12:26

Instrument :
MSVOA_Y
ClientSampleId :
VY0707SBS01

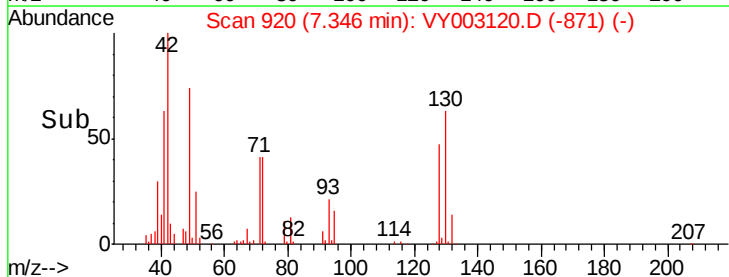
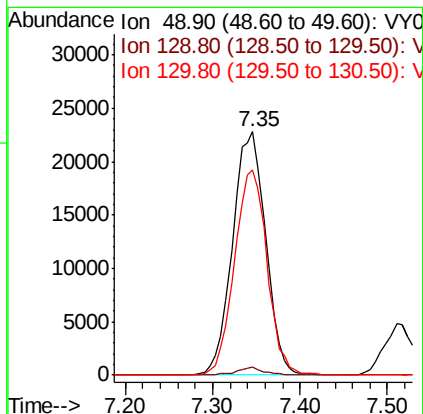
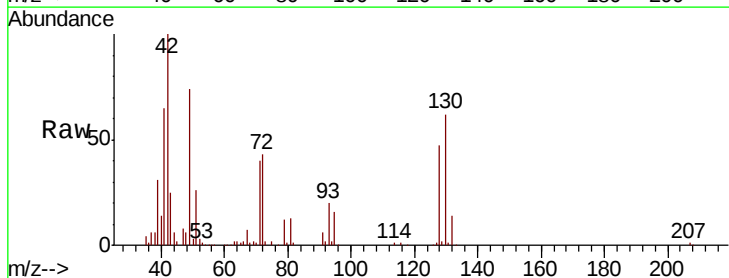
Tot Ion	Ratio	Lower	Upper
96	100		
61	142.9	0.0	301.2
98	66.1	0.0	129.0

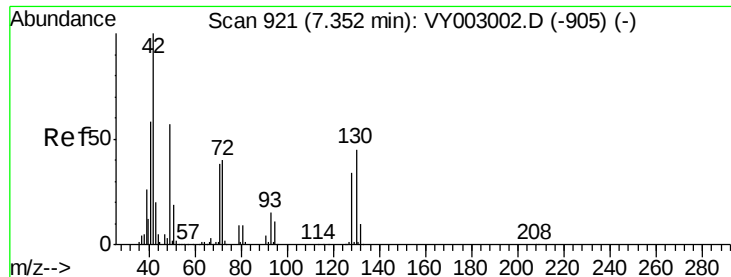


#28

Bromochloromethane
Concen: 17.944 ug/l
RT: 7.35 min Scan# 920
Delta R.T. -0.00 min
Lab File: VY003120.D
Acq: 07 Jul 2020 12:26

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	4.4
130	82.8	57.0	85.6





#29

Tetrahydrofuran

Concen: 90.060 ug/l

RT: 7.35 min Scan# 921

Delta R.T. -0.00 min

Lab File: VY003120.D

Acq: 07 Jul 2020 12:26

Instrument :

MSVOA_Y

ClientSampleId :

VY0707SBSD01

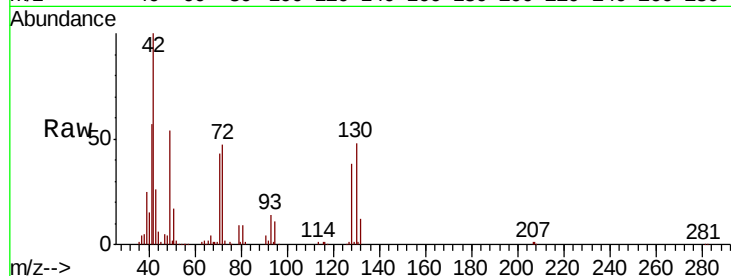
Tot Ion: 42 Resp: 94352

Ion Ratio Lower Upper

42 100

72 44.5 32.9 49.3

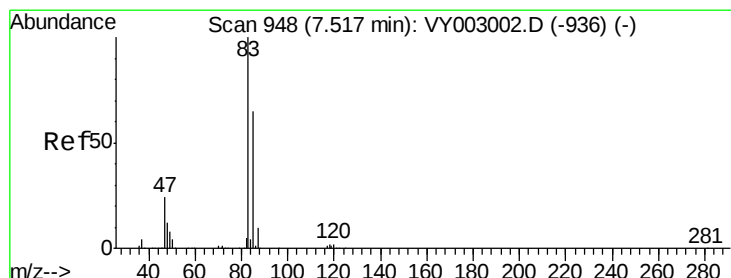
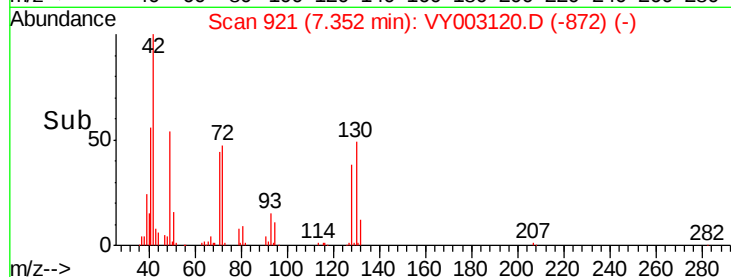
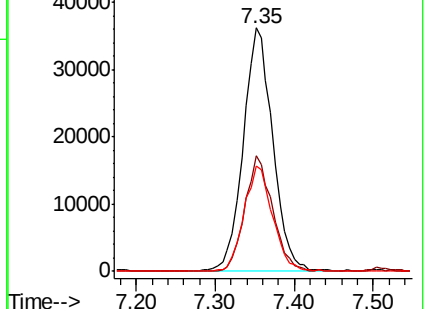
71 42.0 31.2 46.8



Abundance Ion 42.00 (41.70 to 42.70): VY0

Ion 72.00 (71.70 to 72.70): VY0

Ion 71.00 (70.70 to 71.70): VY0



#30

Chloroform

Concen: 20.518 ug/l

RT: 7.52 min Scan# 948

Delta R.T. -0.00 min

Lab File: VY003120.D

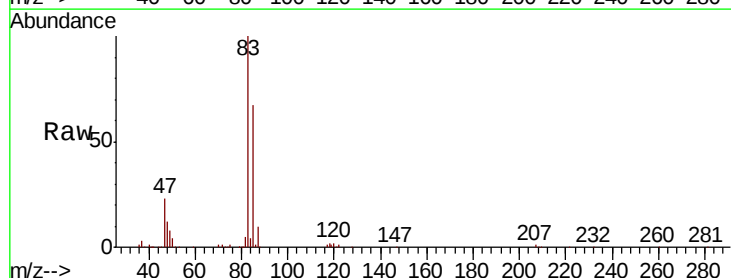
Acq: 07 Jul 2020 12:26

Tgt Ion: 83 Resp: 152600

Ion Ratio Lower Upper

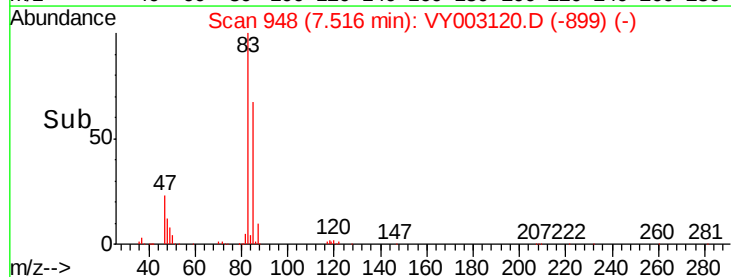
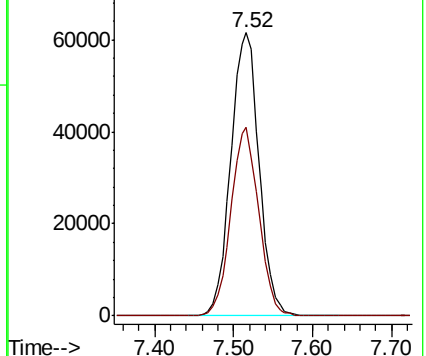
83 100

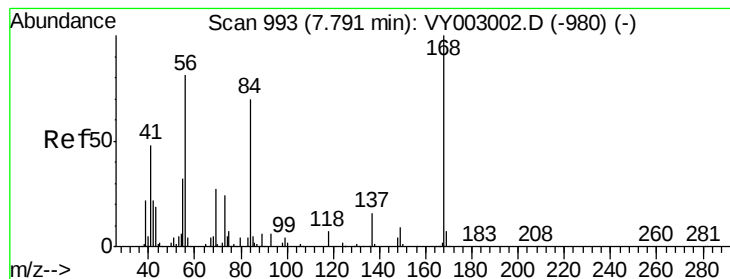
85 66.9 51.7 77.5



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0





#31

Cyclohexane

Concen: 18.854 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.00 min

Lab File: VY003120.D

Acq: 07 Jul 2020 12:26

Instrument :

MSVOA_Y

ClientSampleId :

VY0707SBS01

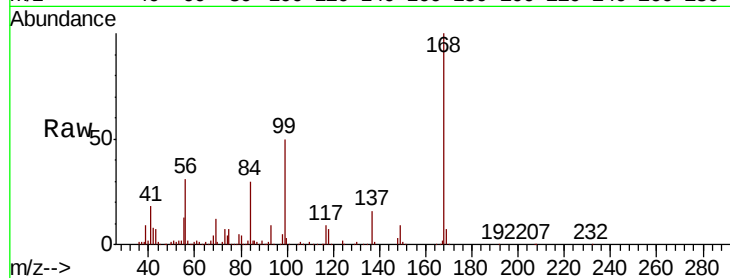
Tot Ion: 56 Resp: 139441

Ion Ratio Lower Upper

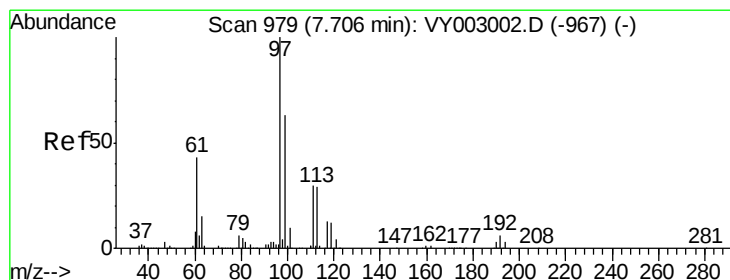
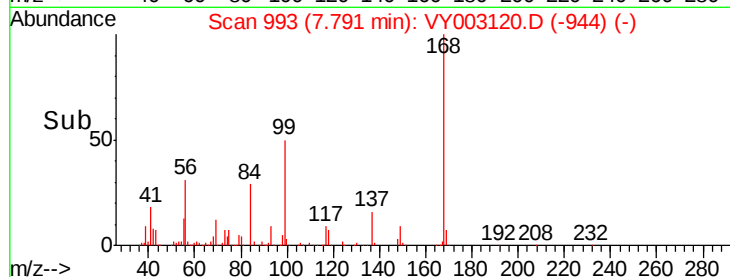
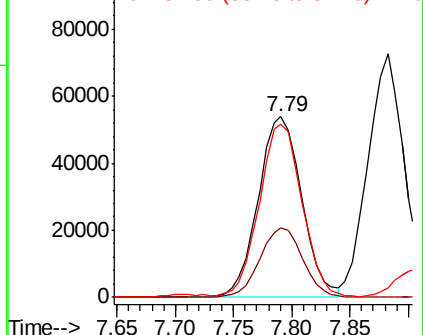
56 100

69 38.5 27.0 40.4

84 94.9 68.1 102.1



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: 20.059 ug/l

RT: 7.71 min Scan# 979

Delta R.T. -0.00 min

Lab File: VY003120.D

Acq: 07 Jul 2020 12:26

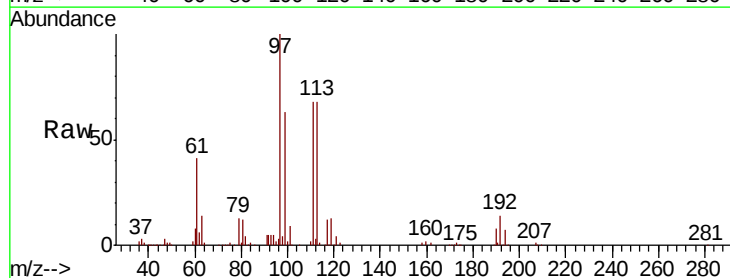
Tgt Ion: 97 Resp: 136177

Ion Ratio Lower Upper

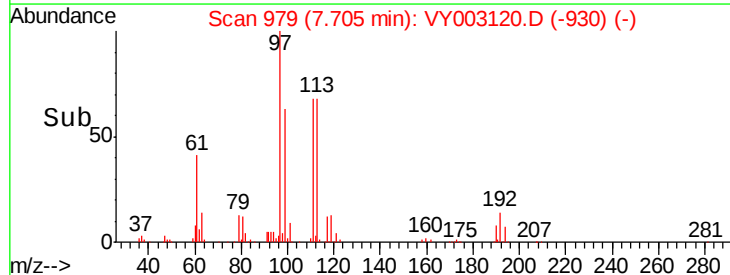
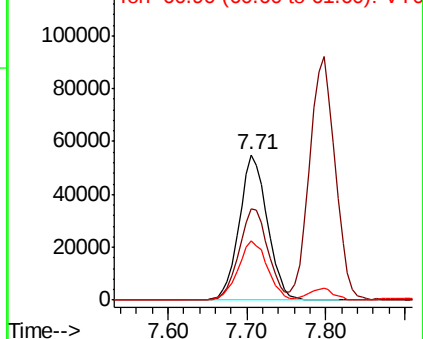
97 100

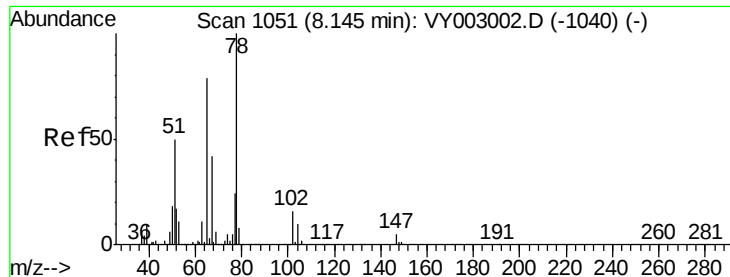
99 65.4 51.4 77.2

61 42.5 33.9 50.9



Abundance Ion 96.90 (96.60 to 97.60): VY0
Ion 98.90 (98.60 to 99.60): VY0
Ion 60.90 (60.60 to 61.60): VY0

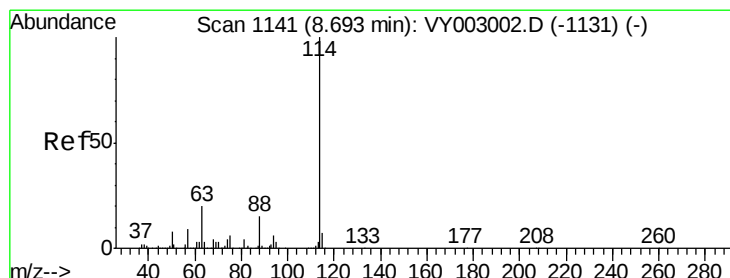
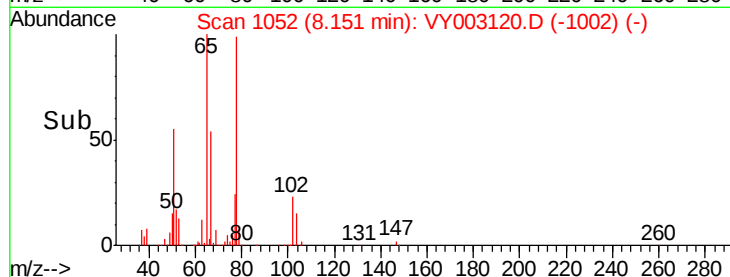
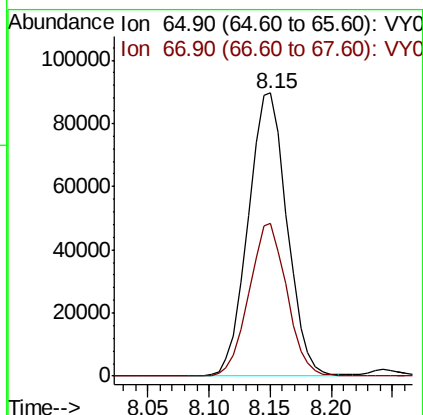
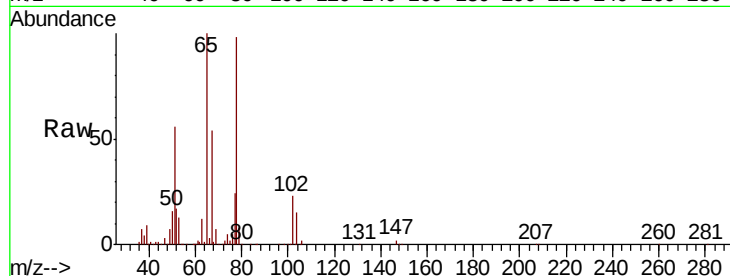




#33
 1,2-Dichloroethane-d4
 Concen: 47.148 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.01 min
 Lab File: VY003120.D
 Acq: 07 Jul 2020 12:26

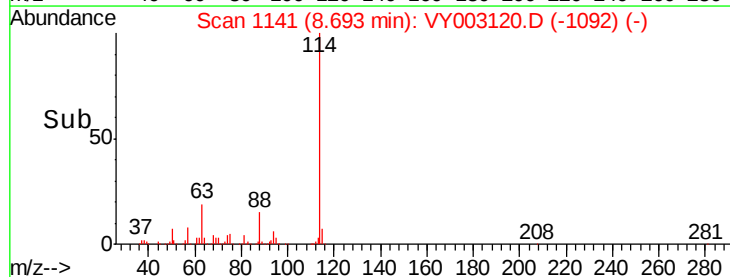
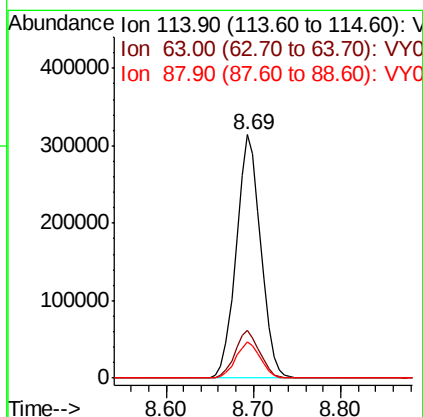
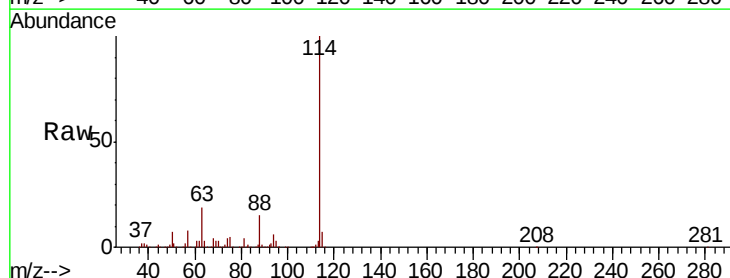
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0707SBSD01

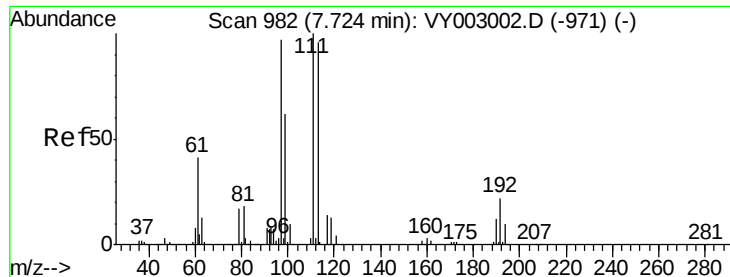
Tot Ion: 65 Resp: 198260
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY003120.D
 Acq: 07 Jul 2020 12:26

Tgt Ion: 114 Resp: 609294
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 40.6
 88 14.9 0.0 30.0

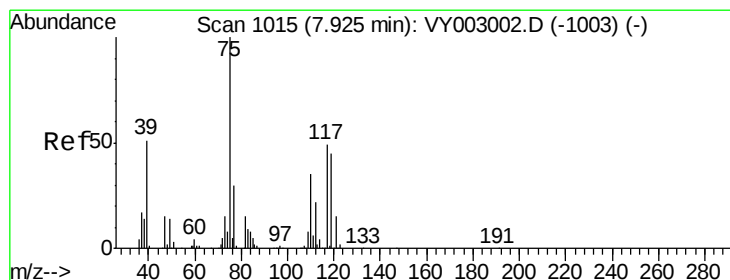
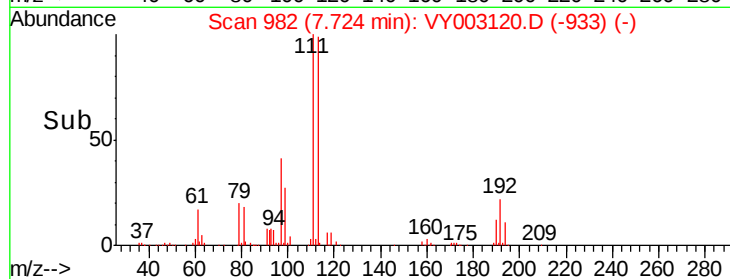
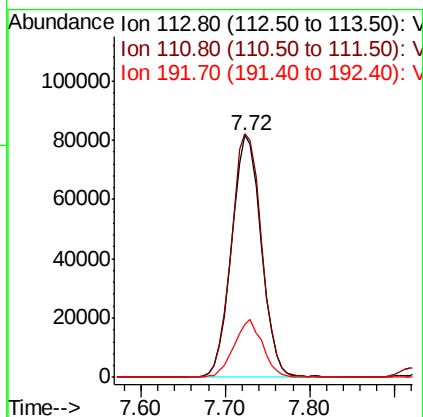
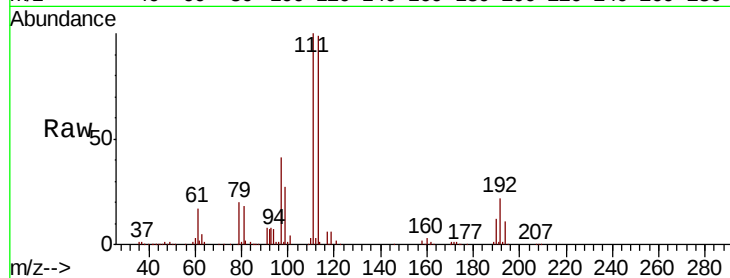




#35
 Dibromofluoromethane
 Concen: 50.958 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VY003120.D
 Acq: 07 Jul 2020 12:26

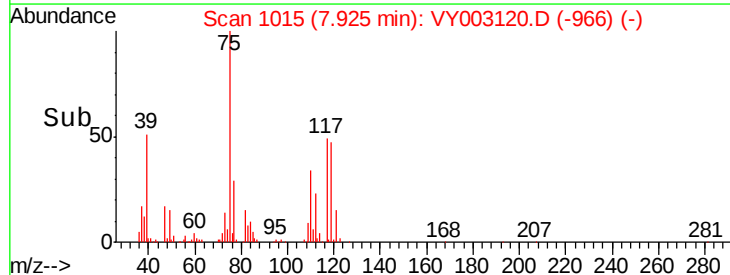
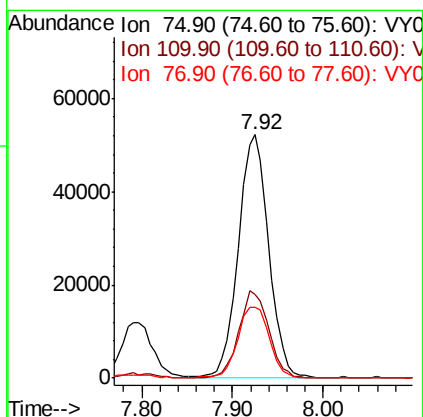
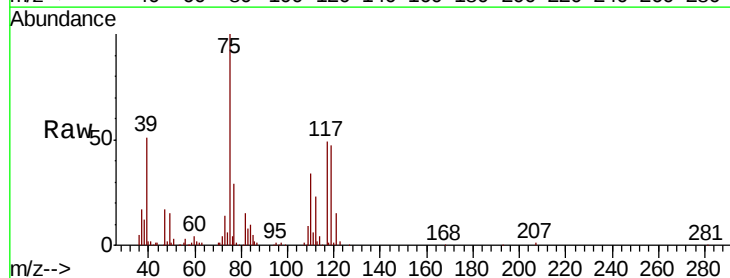
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0707SBSD01

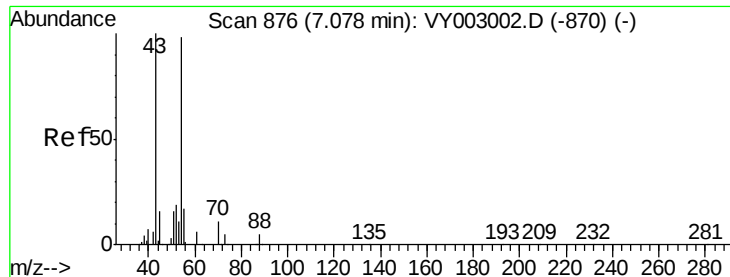
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.6	123.8
192	22.8	18.1	27.1



#36
 1,1-Dichloropropene
 Concen: 20.474 ug/l
 RT: 7.92 min Scan# 1015
 Delta R.T. -0.00 min
 Lab File: VY003120.D
 Acq: 07 Jul 2020 12:26

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.6	17.1	51.2
77	31.0	24.9	37.3

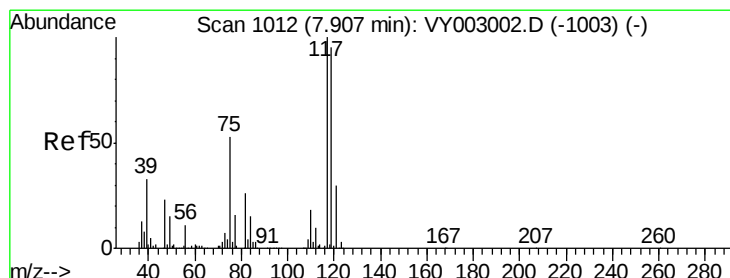
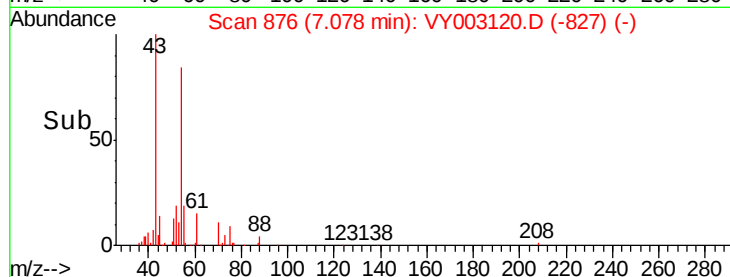
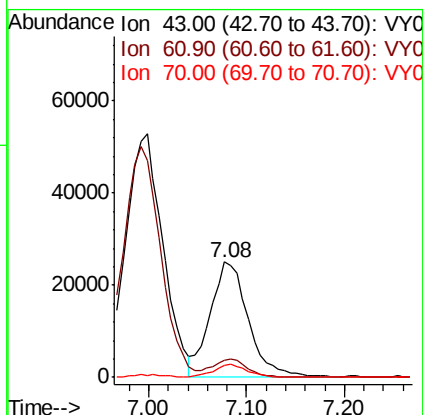
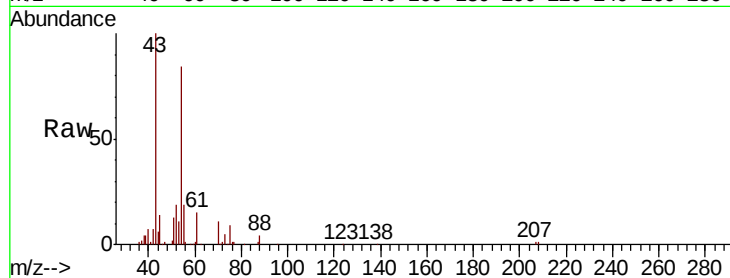




#37
Ethyl Acetate
Concen: 18.982 ug/l
RT: 7.08 min Scan# 876
Delta R.T. -0.00 min
Lab File: VY003120.D
Acq: 07 Jul 2020 12:26

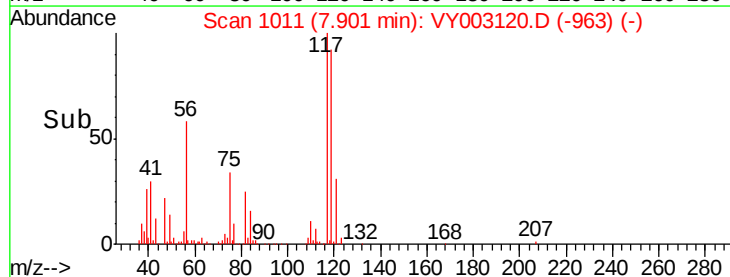
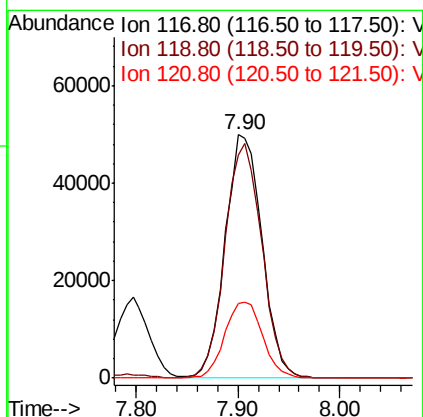
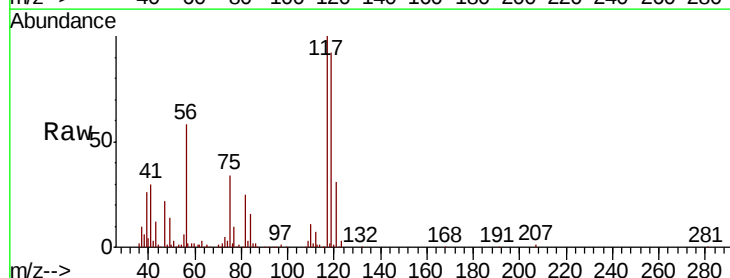
Instrument :
MSVOA_Y
ClientSampleId :
VY0707SBS01

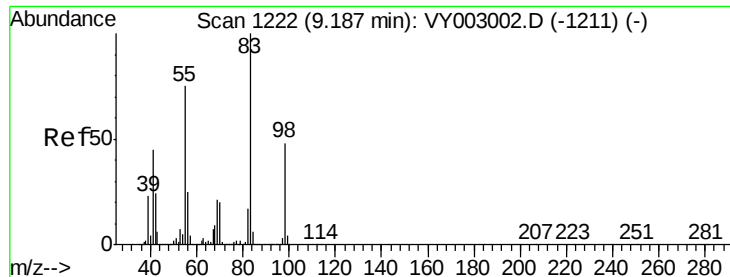
Tot Ion	43	Resp	66983
Ion	Ratio	Lower	Upper
43	100		
61	14.7	10.4	15.6
70	10.3	7.7	11.5



#38
Carbon Tetrachloride
Concen: 20.516 ug/l
RT: 7.90 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VY003120.D
Acq: 07 Jul 2020 12:26

Tgt Ion	117	Resp	125276
Ion	Ratio	Lower	Upper
117	100		
119	91.5	75.7	113.5
121	30.7	23.9	35.9

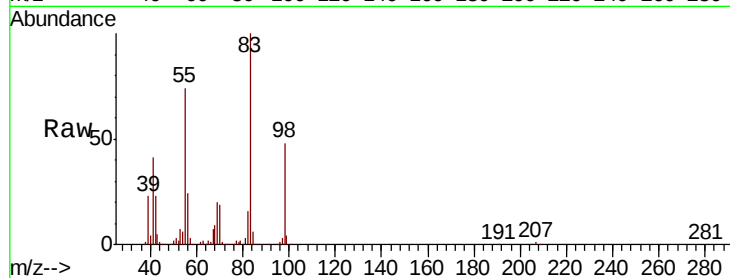




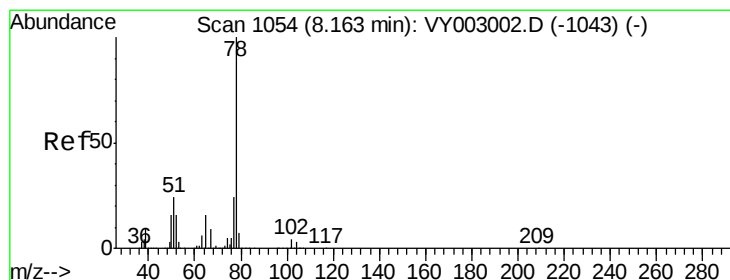
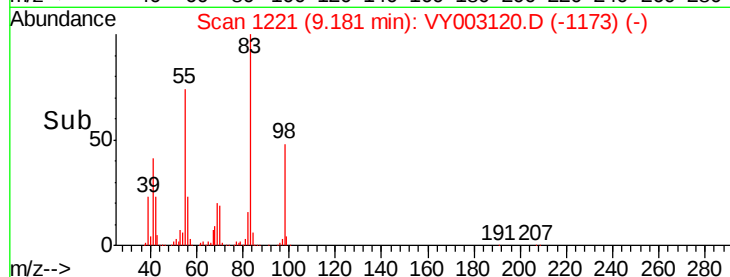
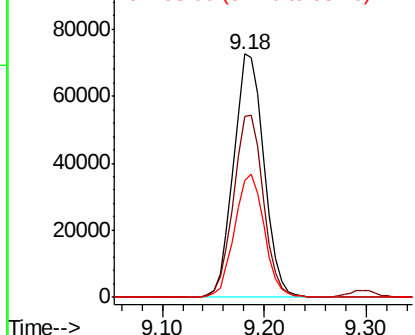
#39
Methylvlcvclohexane
Concen: 20.528 ug/l
RT: 9.18 min Scan# 1221
Delta R.T. -0.01 min
Lab File: VY003120.D
Acq: 07 Jul 2020 12:26

Instrument :
MSVOA_Y
ClientSampleId :
VY0707SBS01

Tot Ion: 83 Resp: 149378
Ion Ratio Lower Upper
83 100
55 74.1 59.9 89.9
98 48.0 38.7 58.1

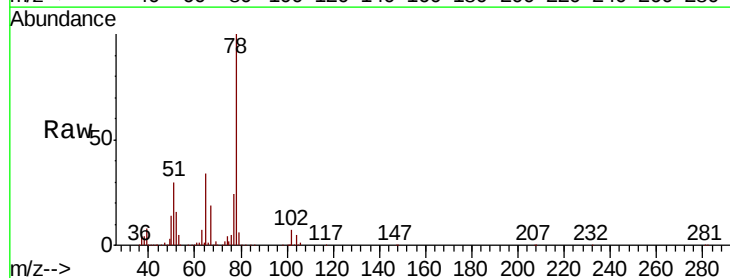


Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

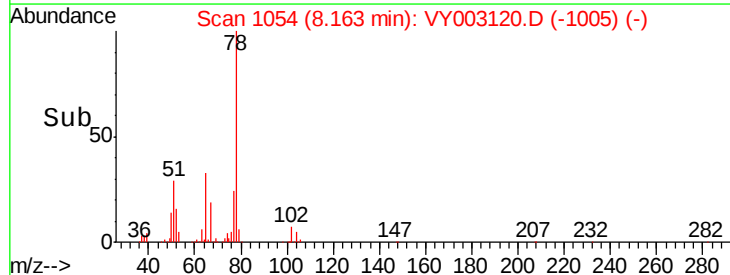
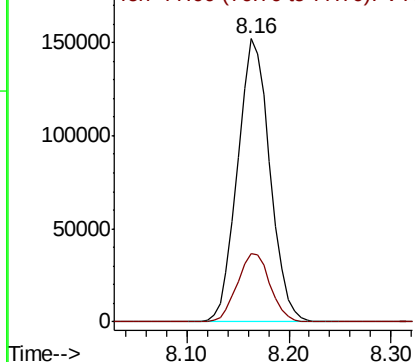


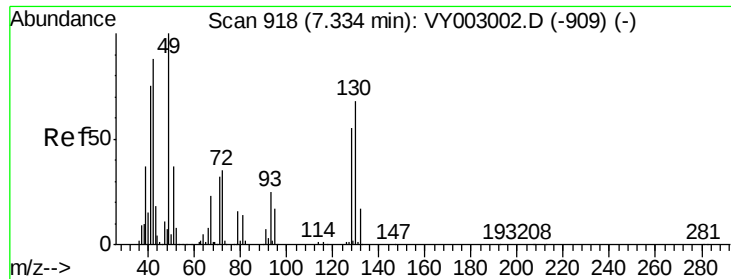
#40
Benzene
Concen: 20.757 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VY003120.D
Acq: 07 Jul 2020 12:26

Tgt Ion: 78 Resp: 333512
Ion Ratio Lower Upper
78 100
77 24.2 19.2 28.8



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

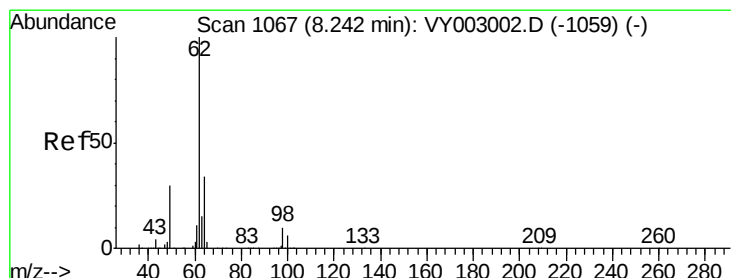
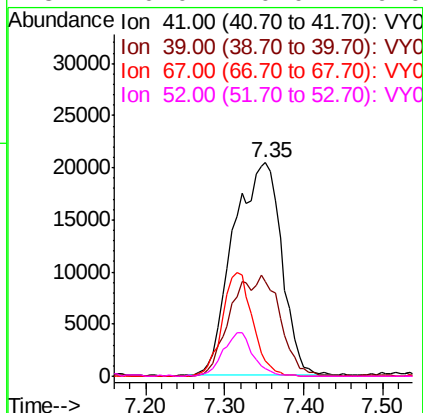
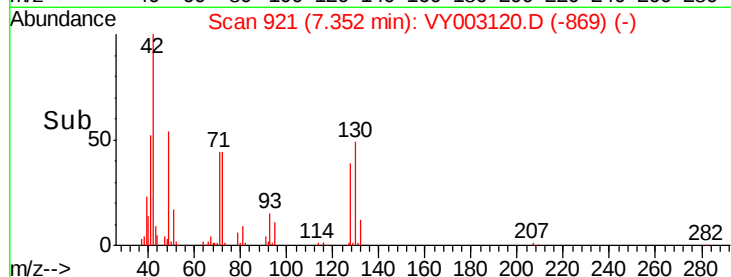
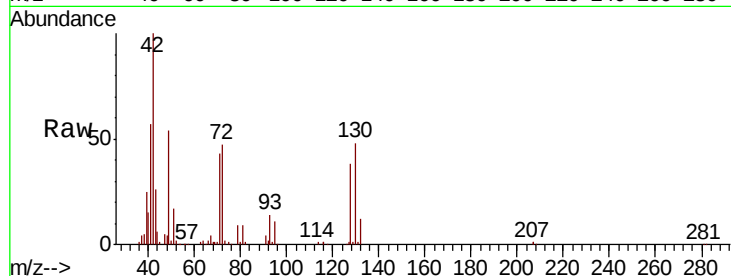




#41
Methacrylonitrile
Concen: 46.290 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.02 min
Lab File: VY003120.D
Acq: 07 Jul 2020 12:26

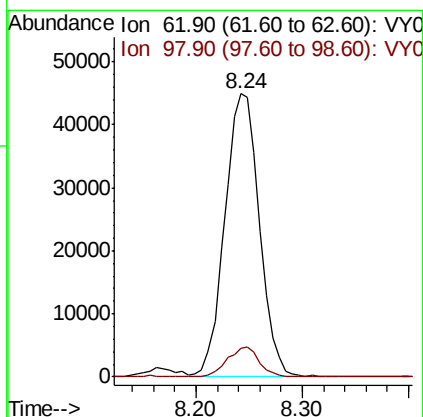
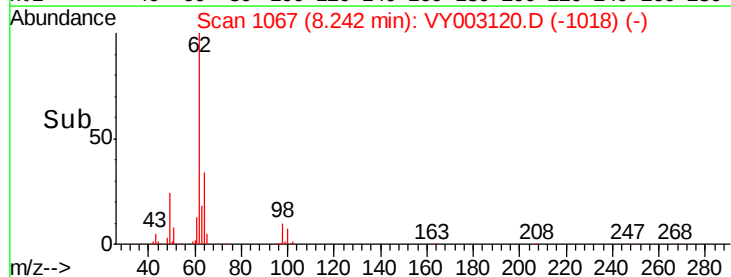
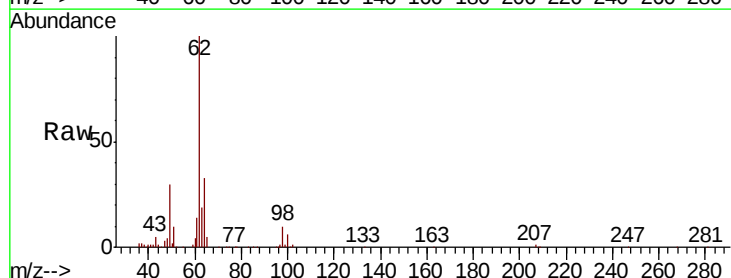
Instrument :
MSVOA_Y
ClientSampleId :
VY0707SBSD01

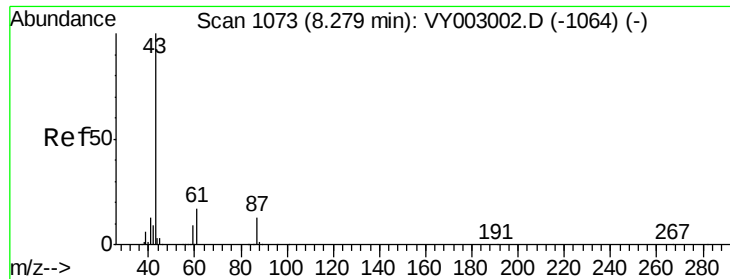
Tot Ion	Ratio	Lower	Upper
41	100		
39	0.0	85.7	128.5#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 20.080 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.00 min
Lab File: VY003120.D
Acq: 07 Jul 2020 12:26

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	19.2



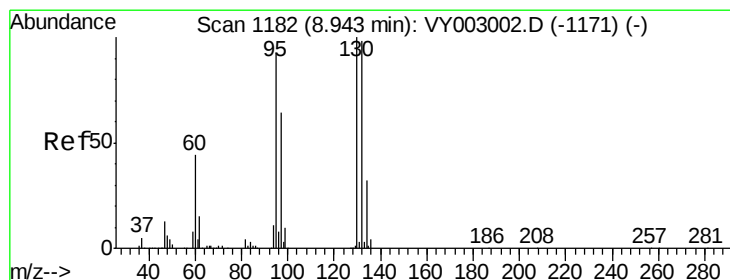
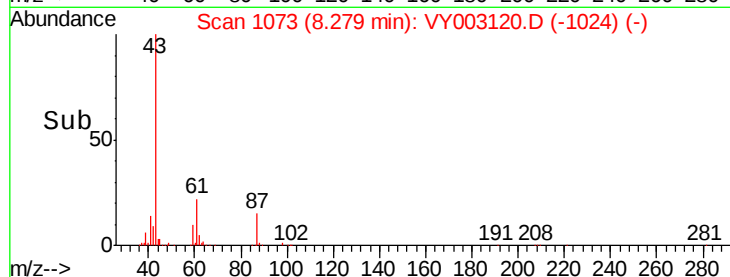
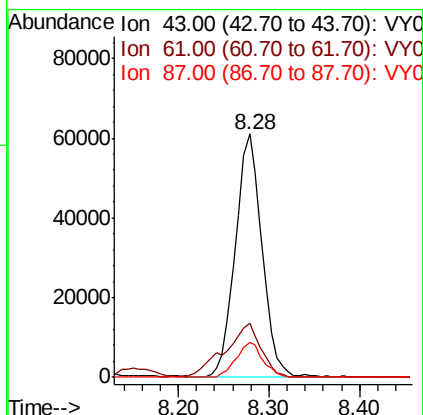
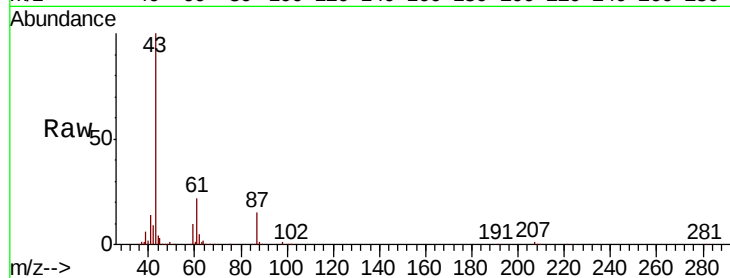


#43

Isopropyl Acetate
 Concen: 18.467 ug/l
 RT: 8.28 min Scan# 1073
 Delta R.T. -0.00 min
 Lab File: VY003120.D
 Acq: 07 Jul 2020 12:26

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0707SBS01

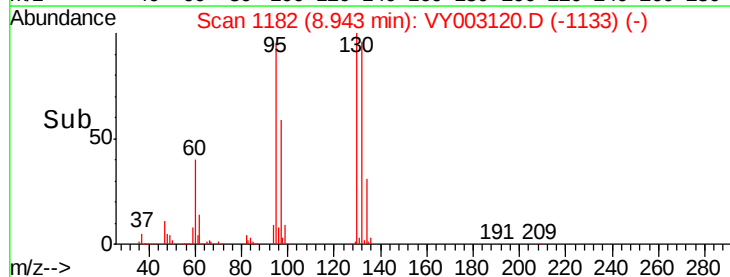
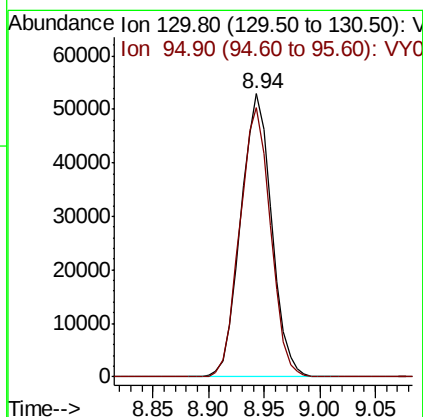
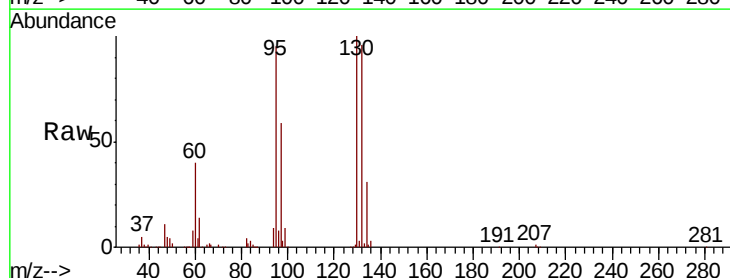
Tot Ion	43	Resp	123884
Ion Ratio	Lower	Upper	
43	100		
61	29.9	21.8	32.6
87	14.5	10.1	15.1

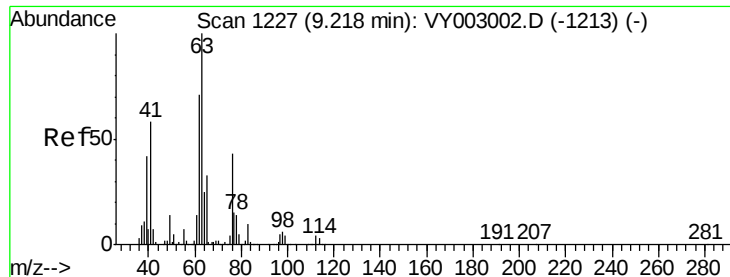


#44

Trichloroethene
 Concen: 21.834 ug/l
 RT: 8.94 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: VY003120.D
 Acq: 07 Jul 2020 12:26

Tgt Ion	130	Resp	101968
Ion Ratio	Lower	Upper	
130	100		
95	95.3	0.0	186.4





#45

1,2-Dichloropropane

Concen: 20.249 ug/l

RT: 9.22 min Scan# 1228

Delta R.T. 0.01 min

Lab File: VY003120.D

Acq: 07 Jul 2020 12:26

Instrument :

MSVOA_Y

ClientSampleId :

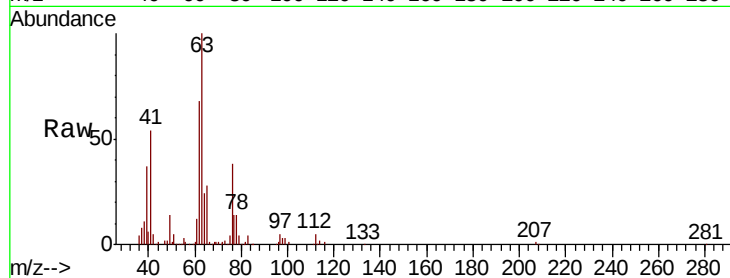
VY0707SBSD01

Tot Ion: 63 Resp: 87530

Ion Ratio Lower Upper

63 100

65 28.2 26.2 39.4



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 64.90 (64.60 to 65.60): VY0

50000

40000

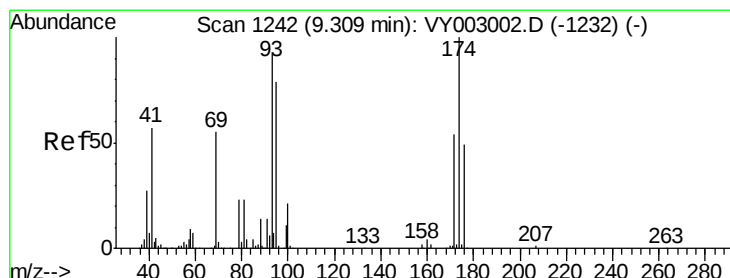
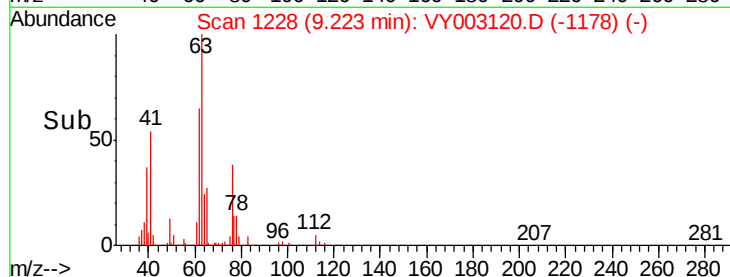
30000

20000

10000

0

Time--> 9.10 9.15 9.20 9.25 9.30



#46

Dibromomethane

Concen: 21.330 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. -0.00 min

Lab File: VY003120.D

Acq: 07 Jul 2020 12:26

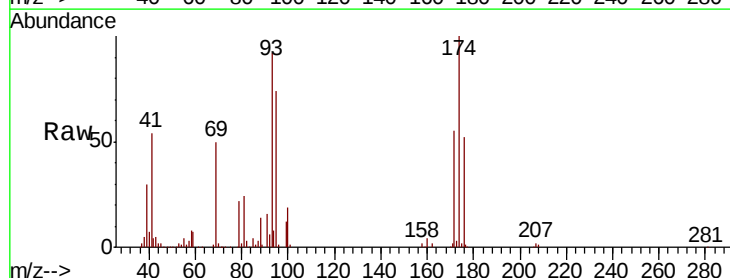
Tgt Ion: 93 Resp: 51497

Ion Ratio Lower Upper

93 100

95 81.6 67.6 101.4

174 109.1 88.3 132.5



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

40000

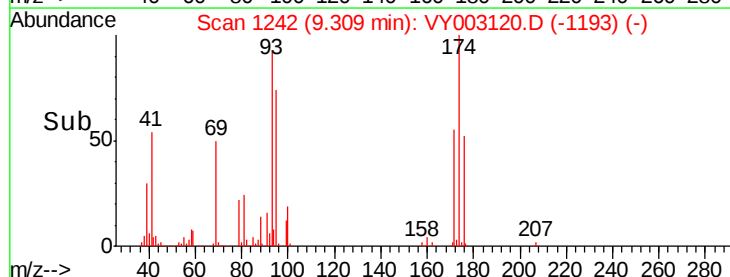
30000

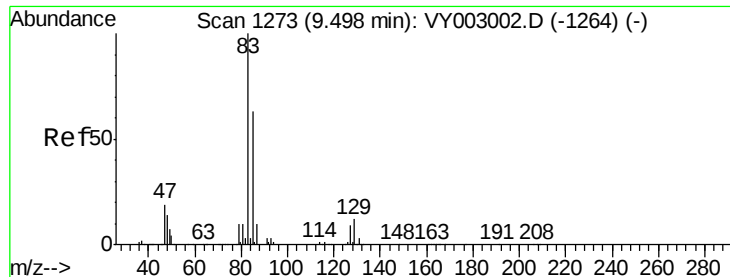
20000

10000

0

Time--> 9.20 9.25 9.30 9.35 9.40





#47

Bromodichloromethane

Concen: 20.465 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.00 min

Lab File: VY003120.D

Acq: 07 Jul 2020 12:26

Instrument :

MSVOA_Y

ClientSampleId :

VY0707SBSD01

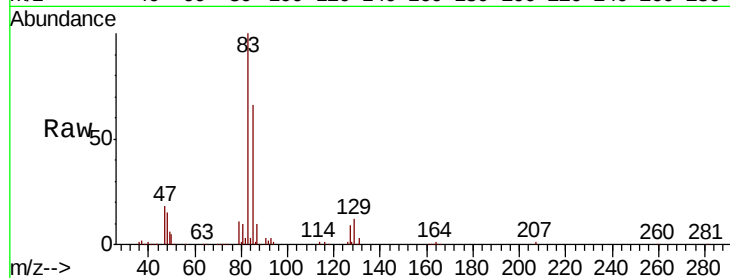
Tot Ion: 83 Resp: 120984

Ion Ratio Lower Upper

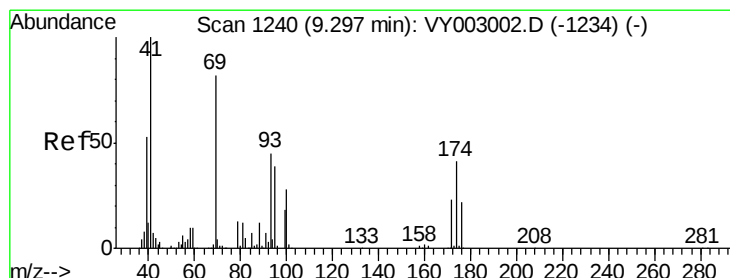
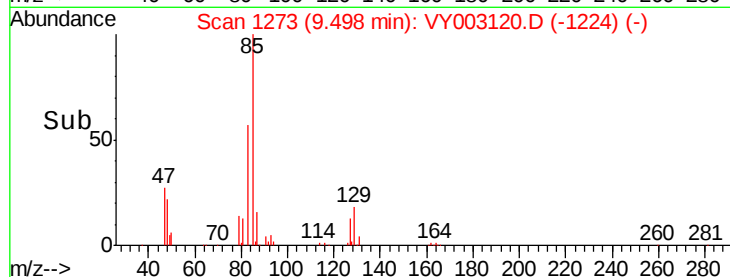
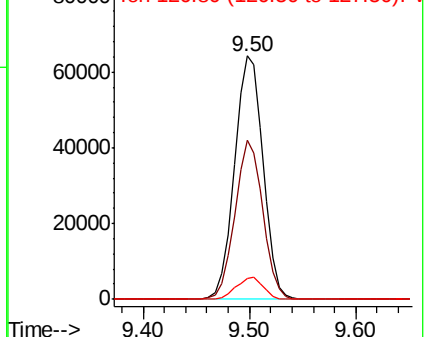
83 100

85 65.6 50.5 75.7

127 8.7 7.0 10.4



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



#48

Methyl methacrylate

Concen: 18.057 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VY003120.D

Acq: 07 Jul 2020 12:26

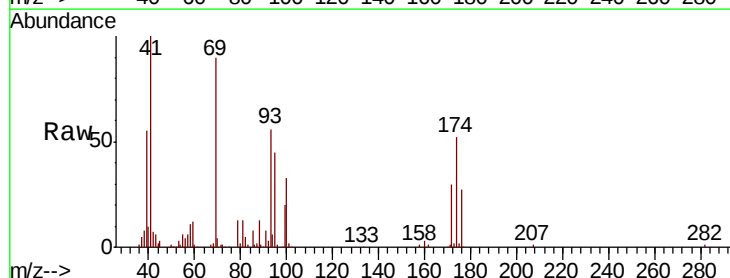
Tgt Ion: 41 Resp: 55135

Ion Ratio Lower Upper

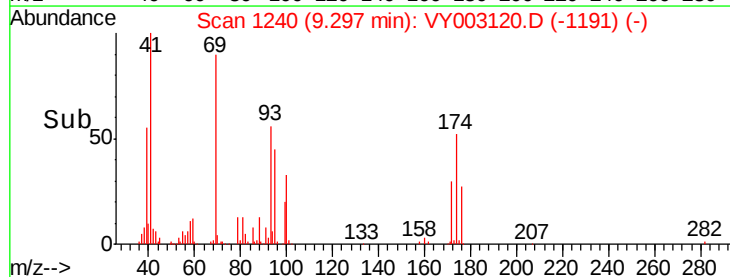
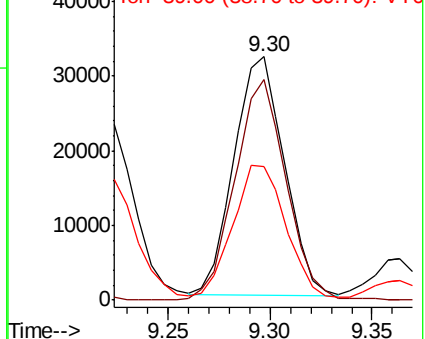
41 100

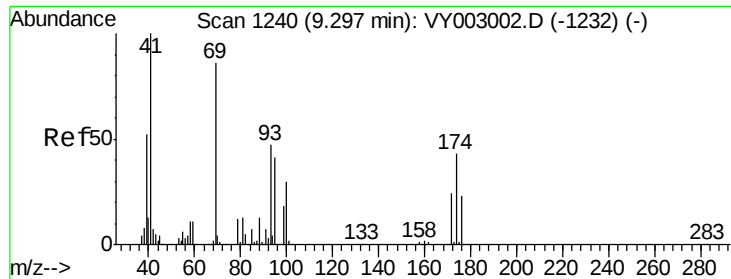
69 93.7 67.7 101.5

39 57.5 45.0 67.4



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

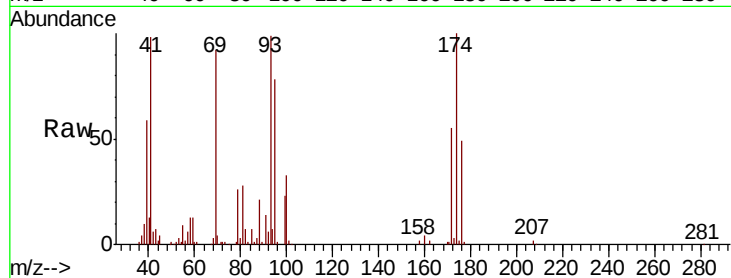




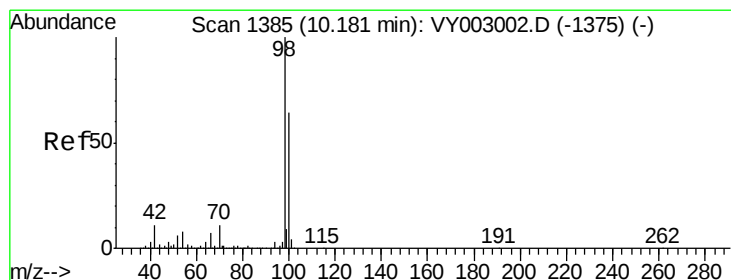
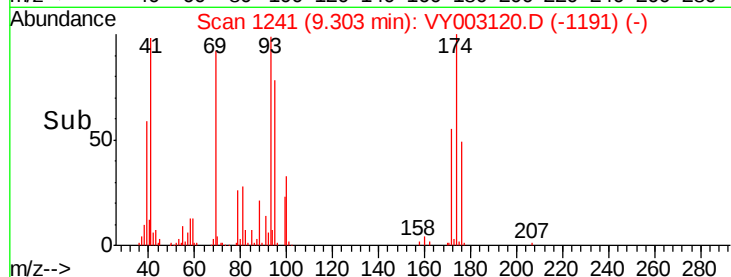
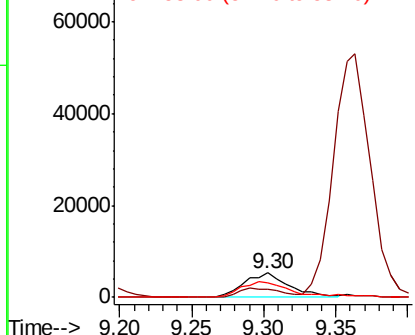
#49
1,4-Dioxane
Concen: 396.072 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. 0.01 min
Lab File: VY003120.D
Acq: 07 Jul 2020 12:26

Instrument :
MSVOA_Y
ClientSampleId :
VY0707SBSD01

Tot Ion: 88 Resp: 11673
Ion Ratio Lower Upper
88 100
43 32.0 28.6 42.8
58 71.4 56.7 85.1

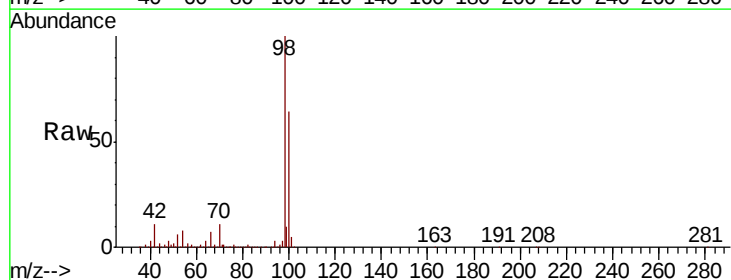


Abundance Ion 88.00 (87.70 to 88.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0

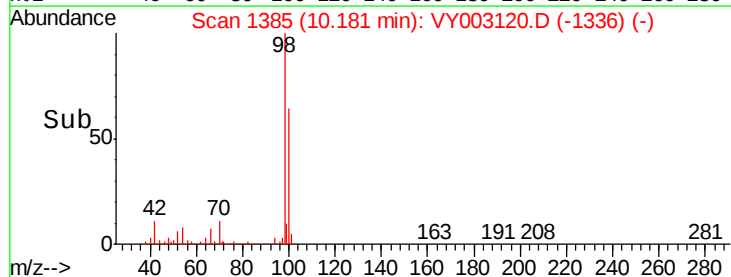
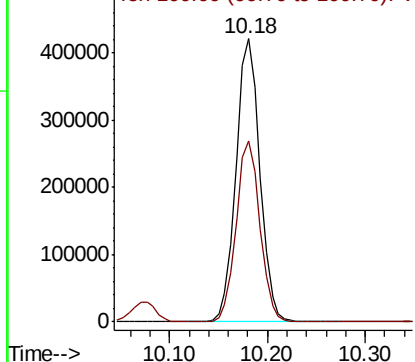


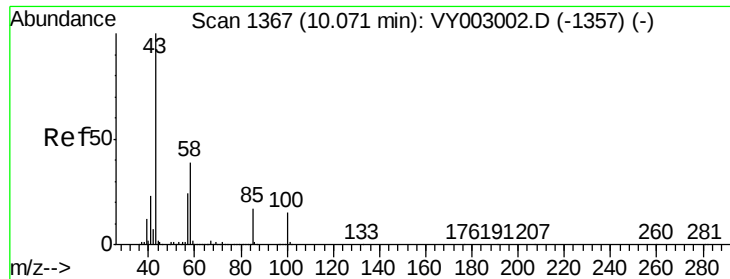
#50
Toluene-d8
Concen: 50.298 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY003120.D
Acq: 07 Jul 2020 12:26

Tgt Ion: 98 Resp: 712212
Ion Ratio Lower Upper
98 100
100 63.9 51.1 76.7



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: 93.284 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. -0.00 min

Lab File: VY003120.D

Acq: 07 Jul 2020 12:26

Instrument :

MSVOA_Y

ClientSampleId :

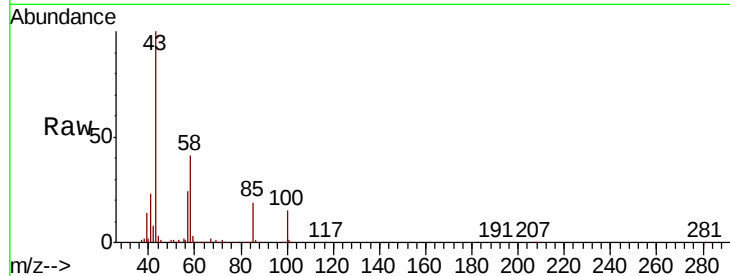
VY0707SBS01

Tot Ion: 43 Resp: 323437

Ion Ratio Lower Upper

43 100

58 41.2 31.1 46.7



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

10.07

200000

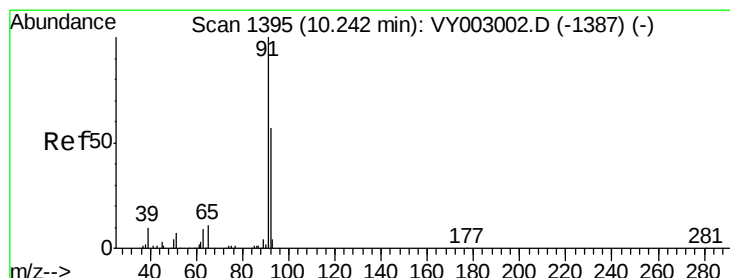
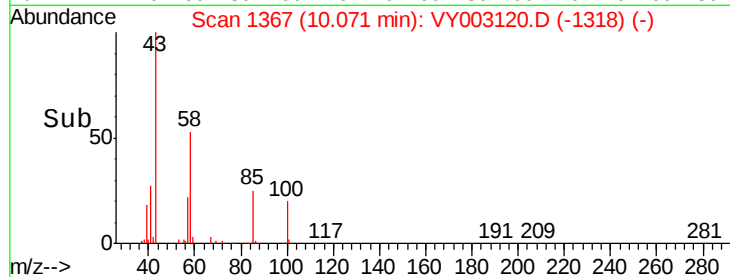
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 20.927 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. -0.00 min

Lab File: VY003120.D

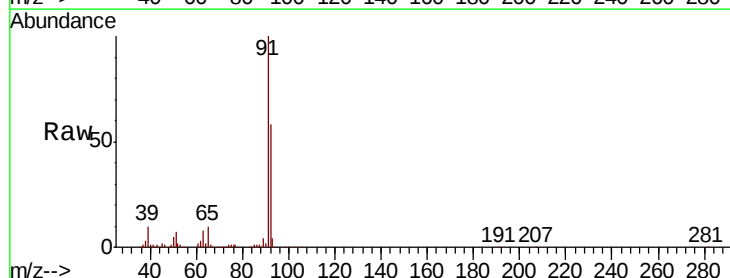
Acq: 07 Jul 2020 12:26

Tgt Ion: 92 Resp: 211668

Ion Ratio Lower Upper

92 100

91 173.9 139.6 209.4



Abundance Ion 92.00 (91.70 to 92.70): VY0

Ion 91.00 (90.70 to 91.70): VY0

250000

200000

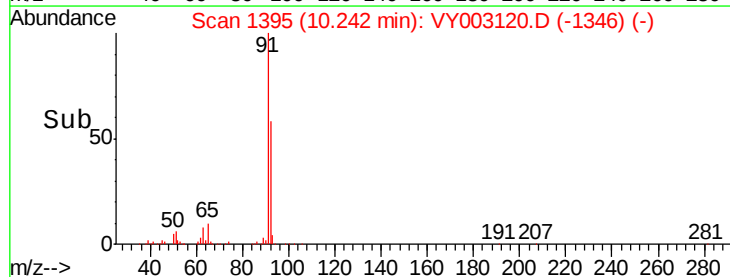
150000

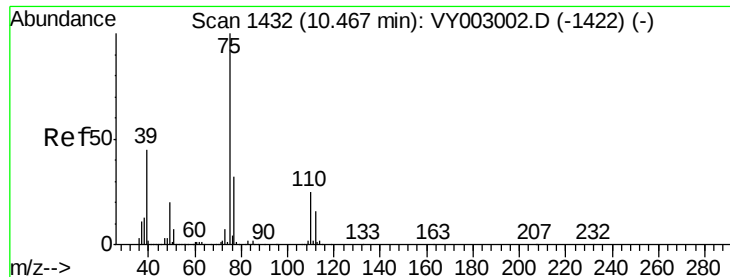
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 20.543 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VY003120.D

Acq: 07 Jul 2020 12:26

Instrument :

MSVOA_Y

ClientSampleId :

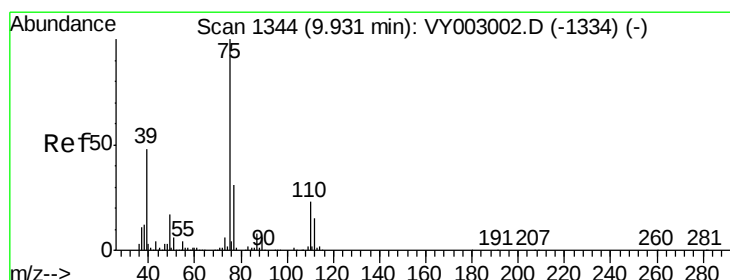
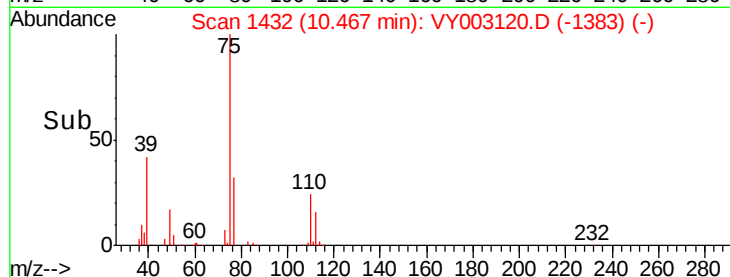
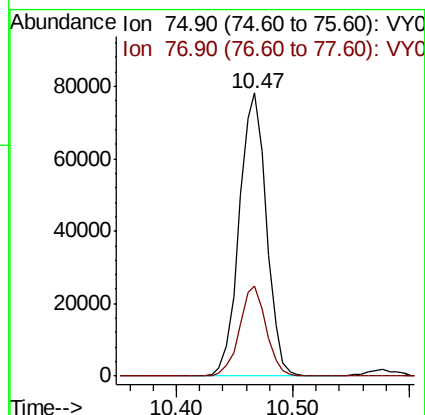
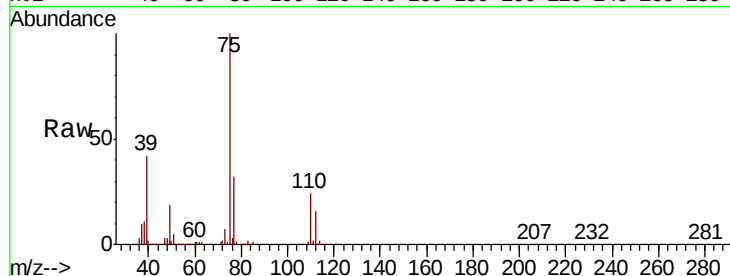
VY0707SBS01

Tot Ion: 75 Resp: 127327

Ion Ratio Lower Upper

75 100

77 32.0 25.9 38.9



#54

cis-1,3-Dichloropropene

Concen: 20.127 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. -0.00 min

Lab File: VY003120.D

Acq: 07 Jul 2020 12:26

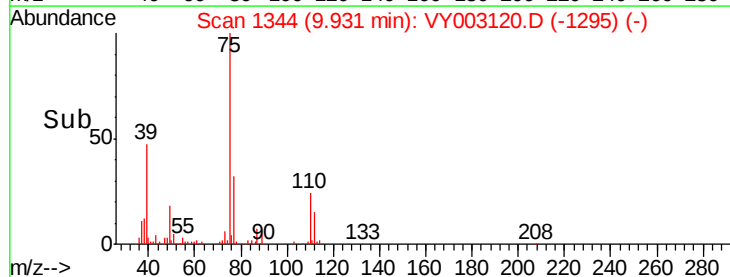
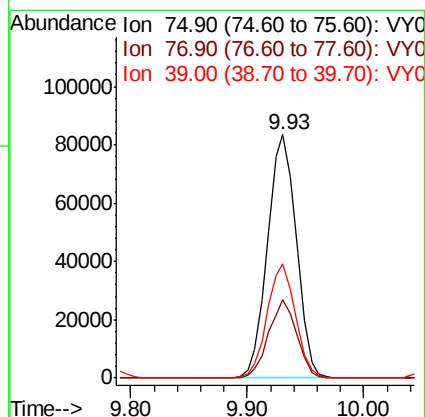
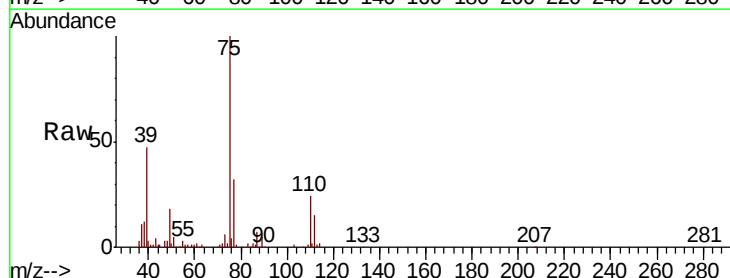
Tgt Ion: 75 Resp: 142671

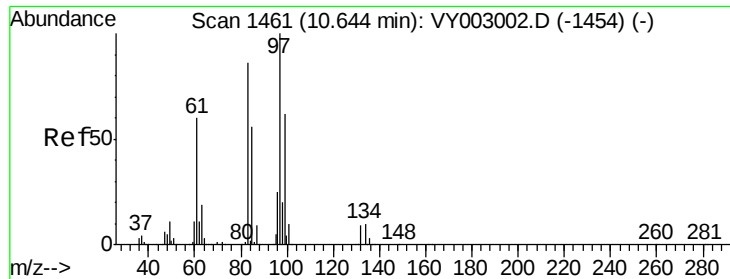
Ion Ratio Lower Upper

75 100

77 32.1 24.6 37.0

39 46.7 38.3 57.5

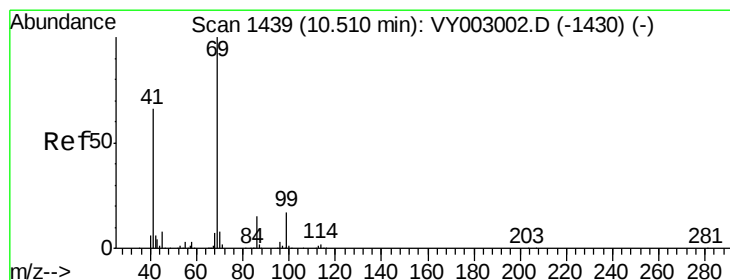
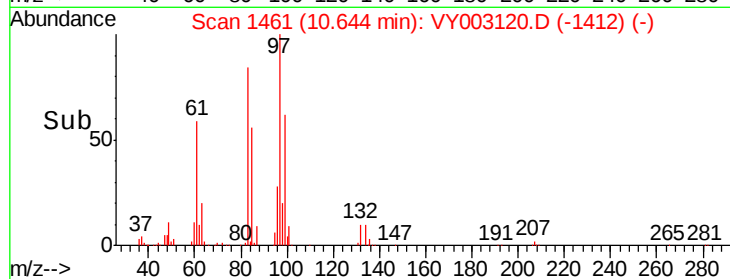
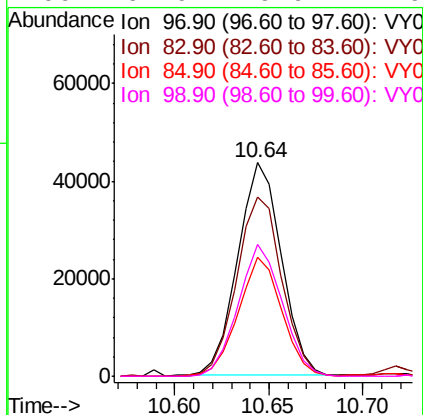
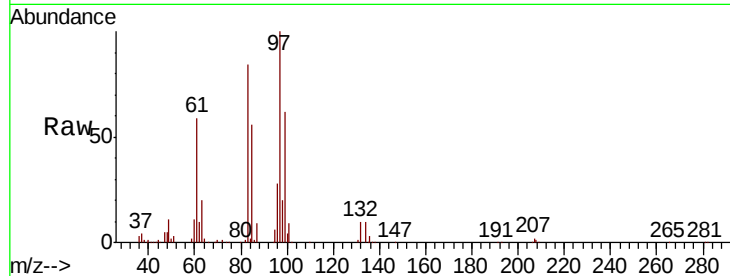




#55
 1,1,2-Trichloroethane
 Concen: 20.996 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.00 min
 Lab File: VY003120.D
 Acq: 07 Jul 2020 12:26

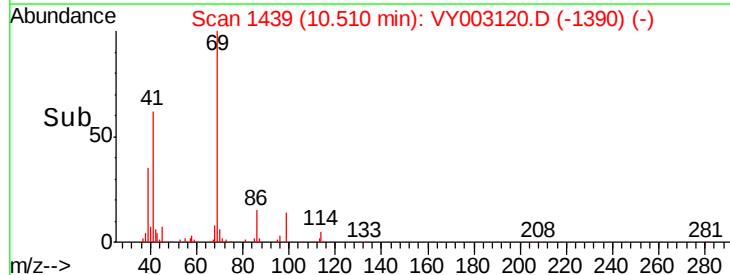
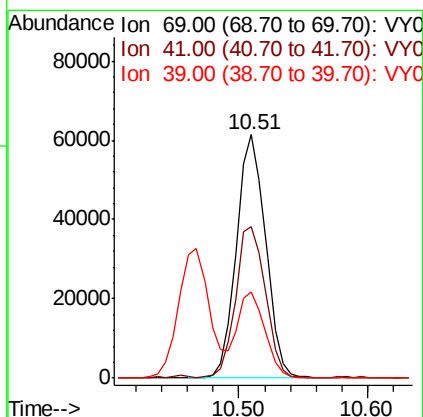
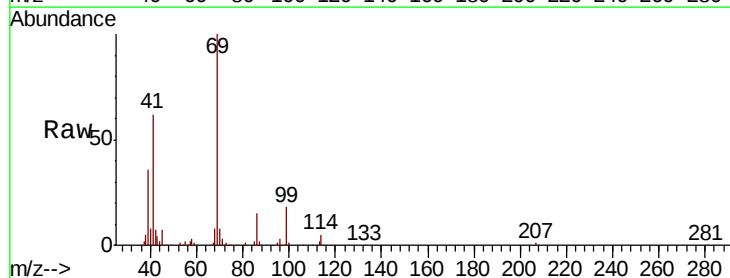
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0707SBSD01

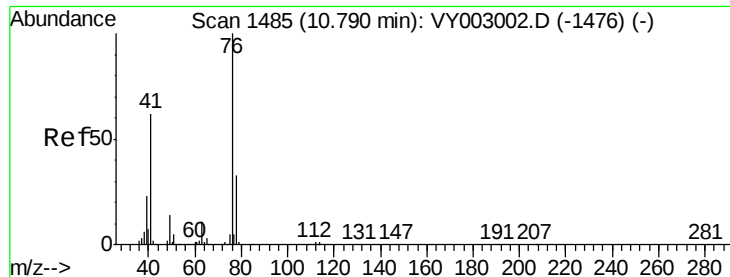
Tot Ion:	97	Resp:	70441
Ion	Ratio	Lower	Upper
97	100		
83	84.1	69.0	103.6
85	55.7	44.8	67.2
99	61.9	49.9	74.9



#56
 Ethyl methacrylate
 Concen: 19.859 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: VY003120.D
 Acq: 07 Jul 2020 12:26

Tgt Ion:	69	Resp:	96445
Ion	Ratio	Lower	Upper
69	100		
41	62.8	53.7	80.5
39	32.5	28.3	42.5





#57

1,3-Dichloropropane

Concen: 20.483 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. -0.00 min

Lab File: VY003120.D

Acq: 07 Jul 2020 12:26

Instrument :

MSVOA_Y

ClientSampleId :

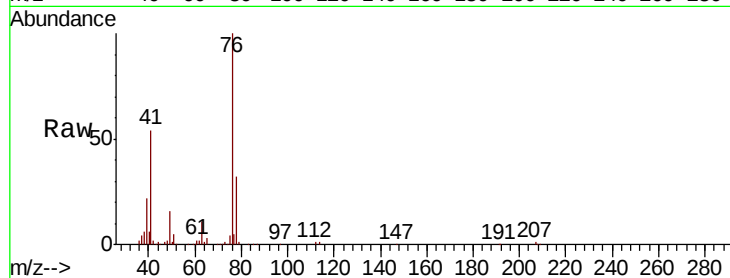
VY0707SBS01

Tot Ion: 76 Resp: 120637

Ion Ratio Lower Upper

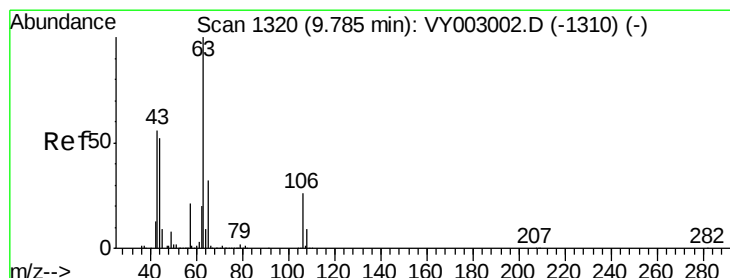
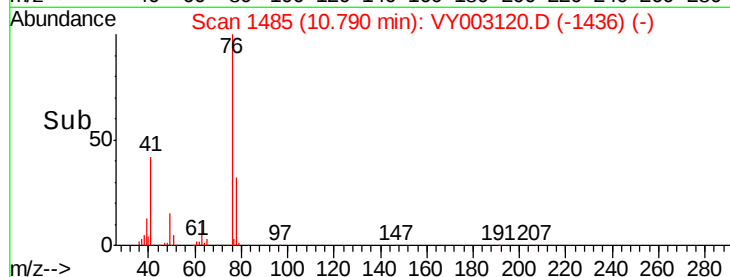
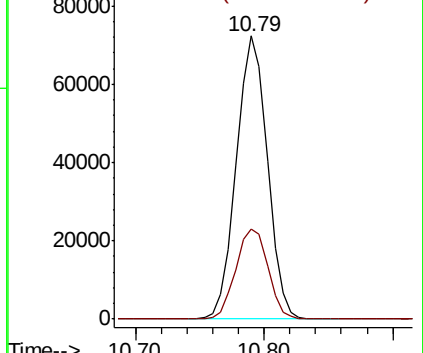
76 100

78 33.3 26.0 39.0



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#58

2-Chloroethyl Vinyl ether

Concen: 90.405 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. -0.00 min

Lab File: VY003120.D

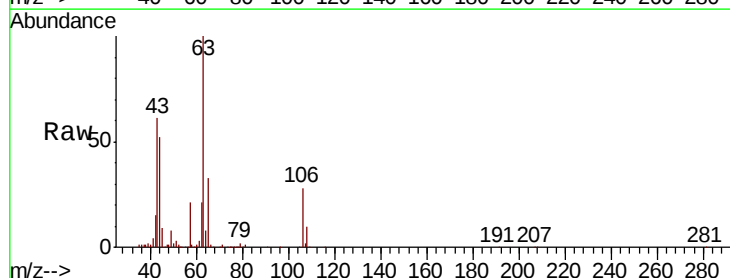
Acq: 07 Jul 2020 12:26

Tgt Ion: 63 Resp: 225176

Ion Ratio Lower Upper

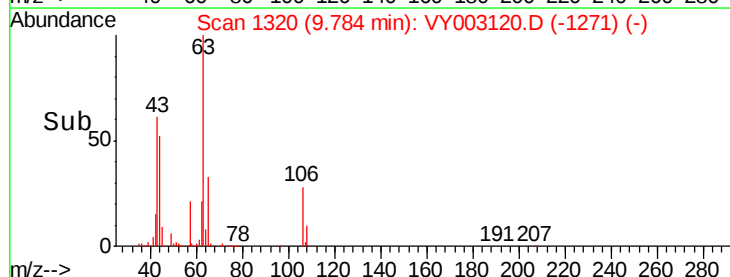
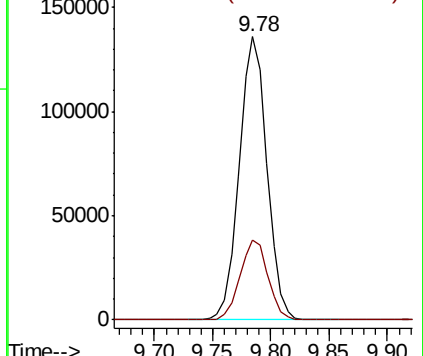
63 100

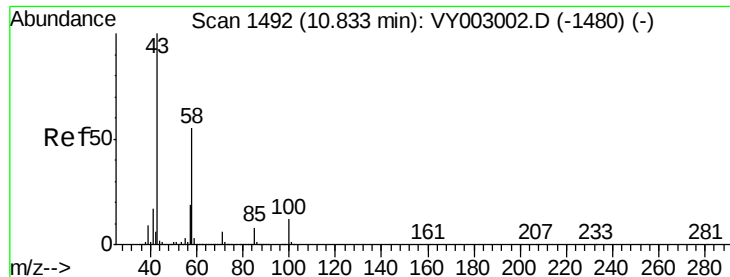
106 28.5 21.5 32.3



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

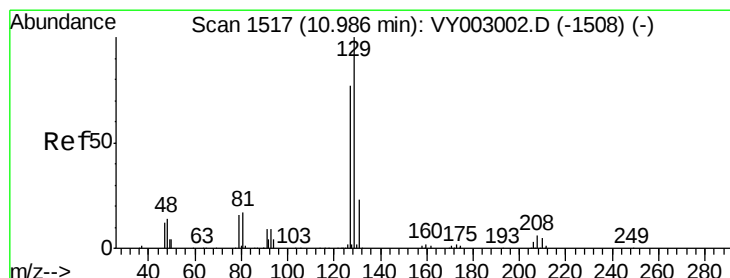
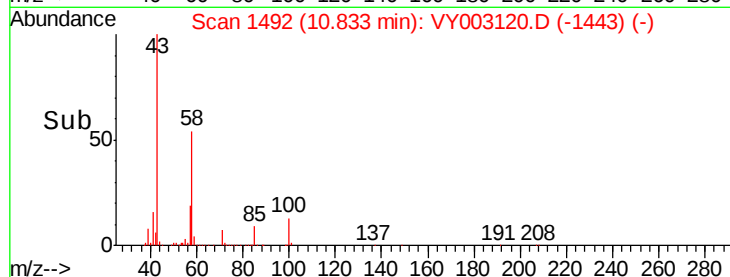
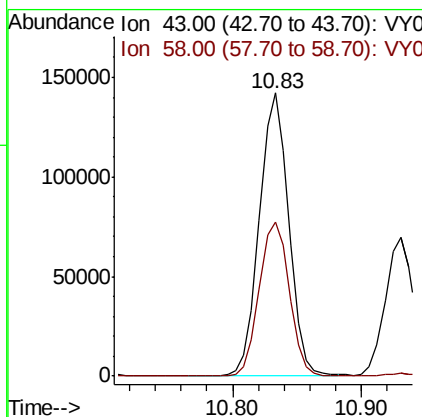
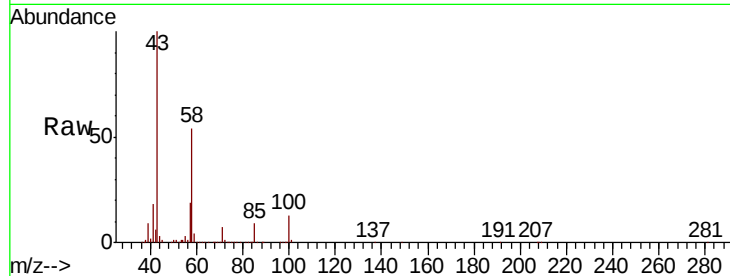




#59
2-Hexanone
Concen: 92.528 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY003120.D
Acq: 07 Jul 2020 12:26

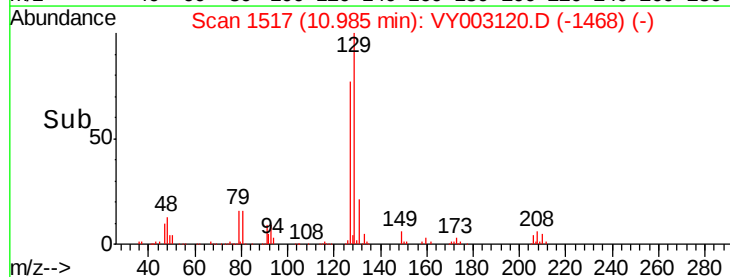
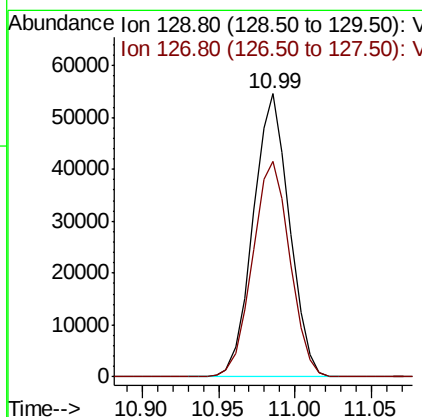
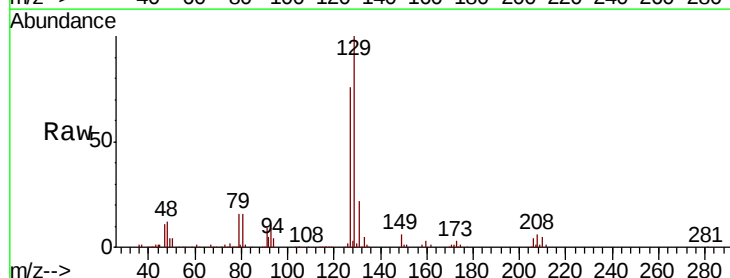
Instrument :
MSVOA_Y
ClientSampleId :
VY0707SBS01

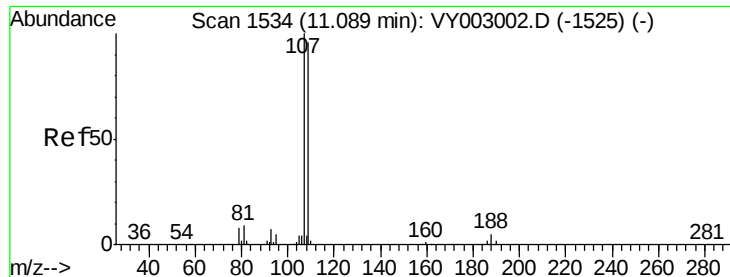
Tot Ion: 43 Resp: 224240
Ion Ratio Lower Upper
43 100
58 56.0 27.5 82.4



#60
Dibromochloromethane
Concen: 20.943 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY003120.D
Acq: 07 Jul 2020 12:26

Tgt Ion: 129 Resp: 89918
Ion Ratio Lower Upper
129 100
127 78.3 39.1 117.3

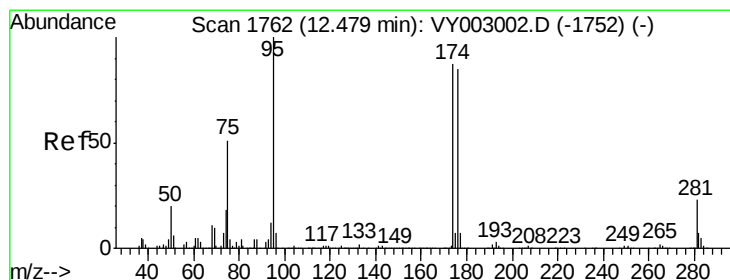
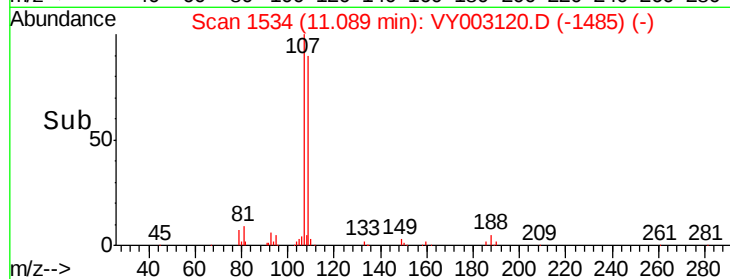
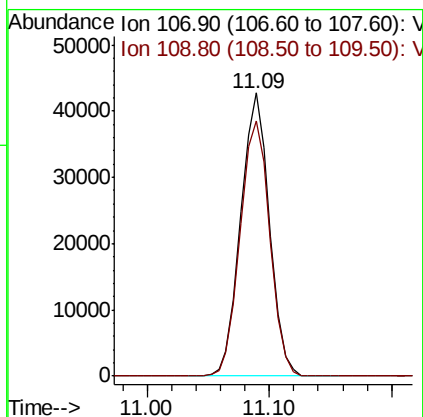
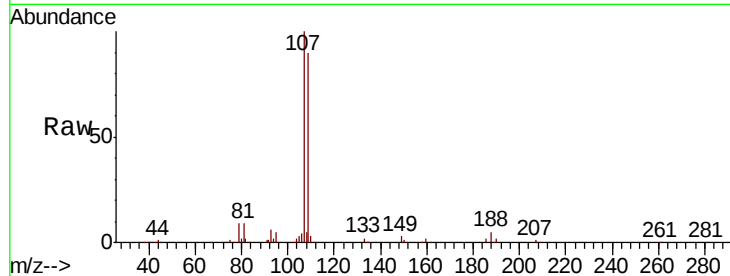




#61
 1,2-Dibromoethane
 Concen: 20.999 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VY003120.D
 Acq: 07 Jul 2020 12:26

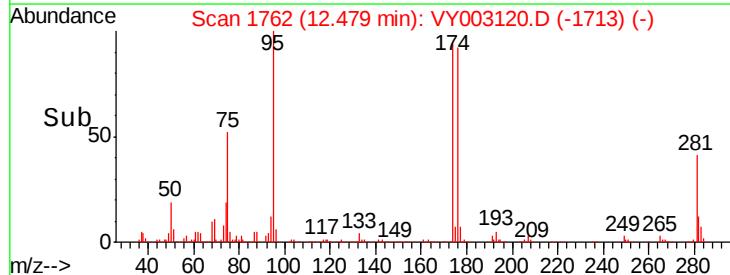
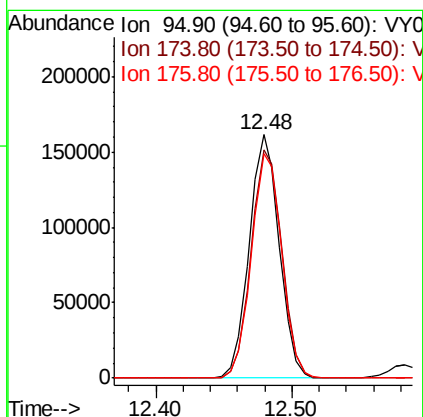
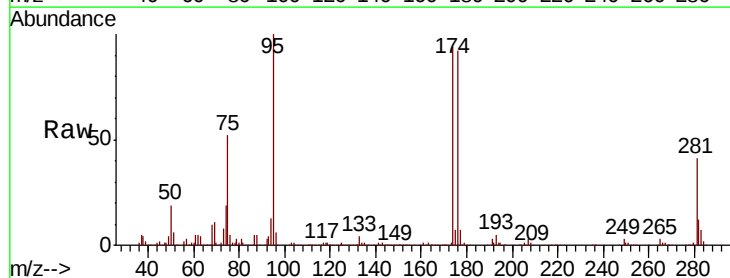
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0707SBSD01

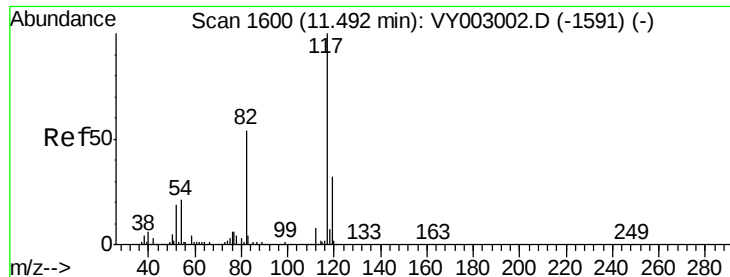
Tot Ion:107 Resp: 69454
 Ion Ratio Lower Upper
 107 100
 109 93.3 75.8 113.8



#62
 4-Bromofluorobenzene
 Concen: 50.129 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VY003120.D
 Acq: 07 Jul 2020 12:26

Tgt Ion: 95 Resp: 249860
 Ion Ratio Lower Upper
 95 100
 174 96.1 0.0 184.8
 176 93.6 0.0 183.0

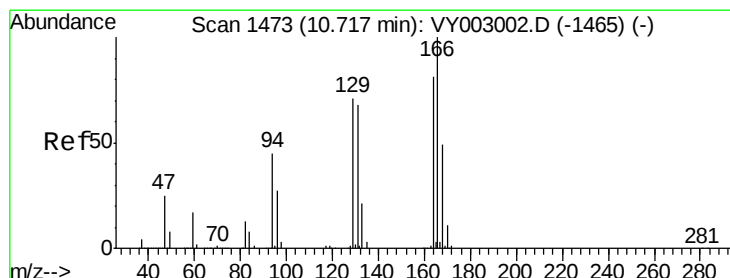
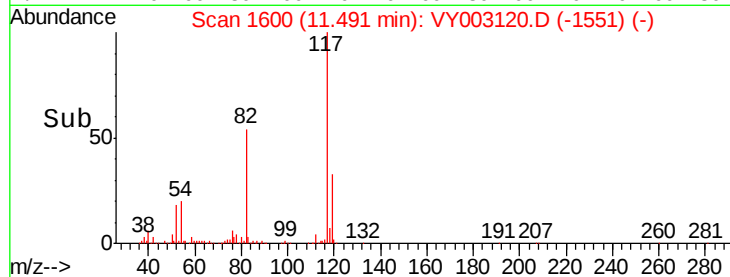
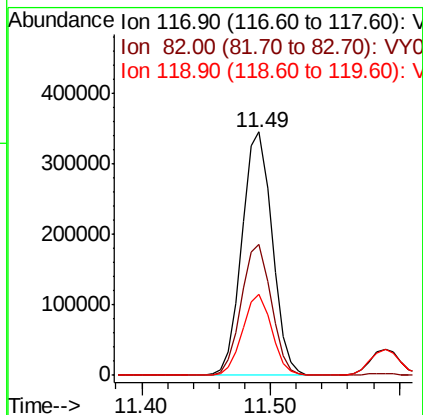
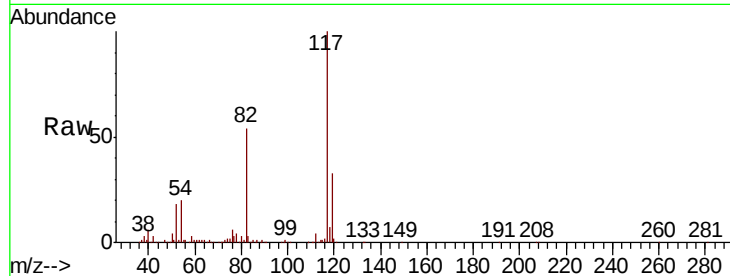




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY003120.D
Acq: 07 Jul 2020 12:26

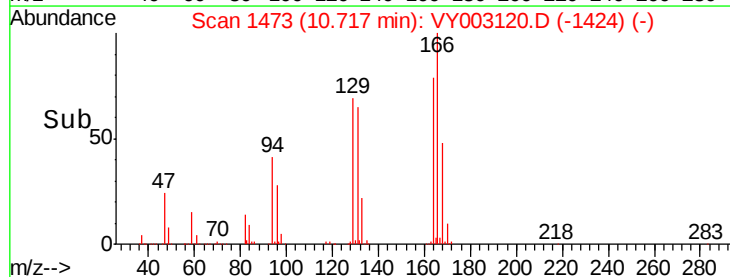
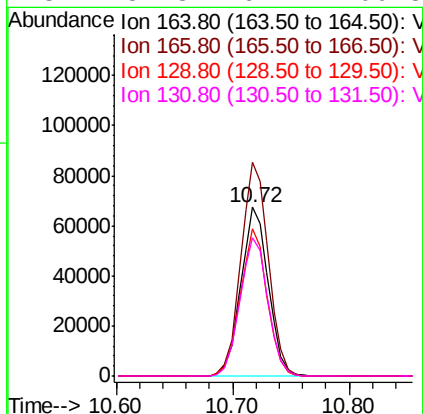
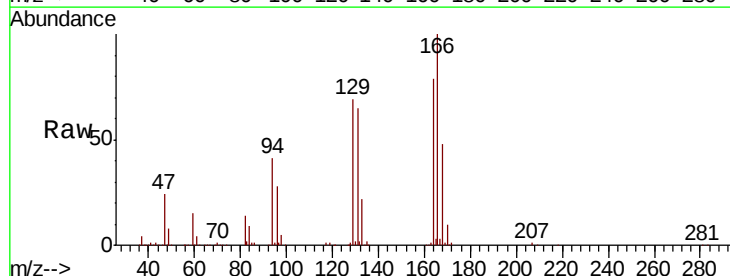
Instrument :
MSVOA_Y
ClientSampleId :
VY0707SBSD01

Tot Ion:117 Resp: 560141
Ion Ratio Lower Upper
117 100
82 53.8 43.0 64.6
119 33.0 25.8 38.8



#64
Tetrachloroethene
Concen: 23.312 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY003120.D
Acq: 07 Jul 2020 12:26

Tgt Ion:164 Resp: 110518
Ion Ratio Lower Upper
164 100
166 126.8 98.5 147.7
129 87.2 69.7 104.5
131 82.3 67.2 100.8

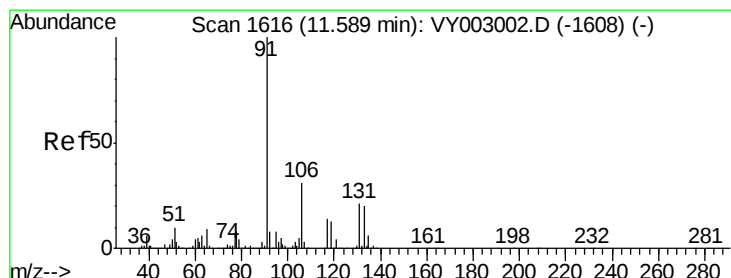
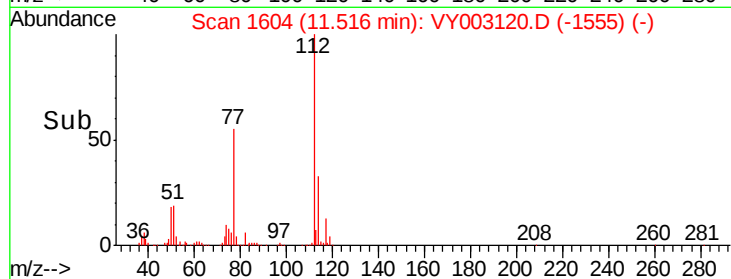
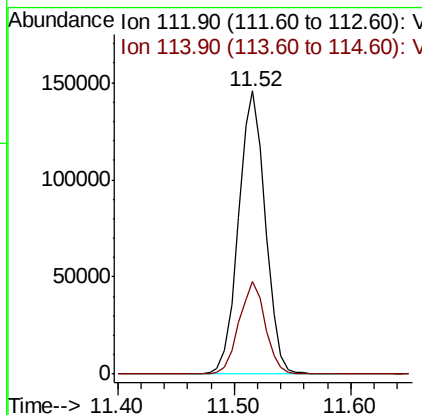
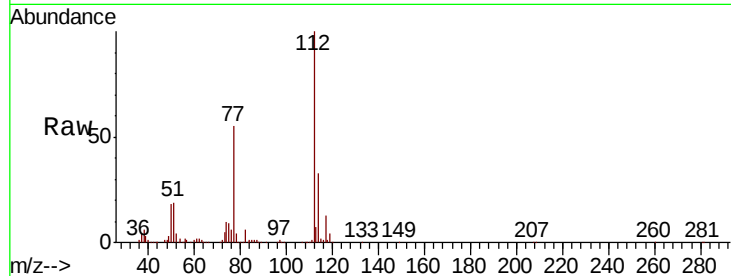




#65
Chlorobenzene
Concen: 21.146 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VY003120.D
Acq: 07 Jul 2020 12:26

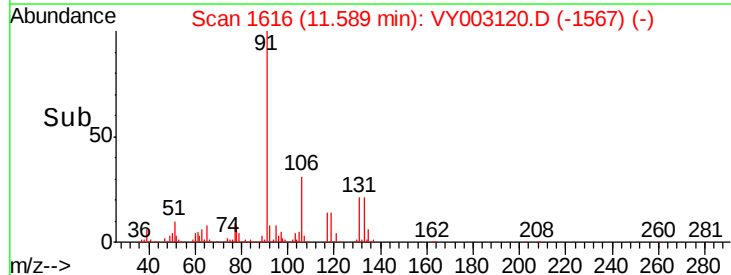
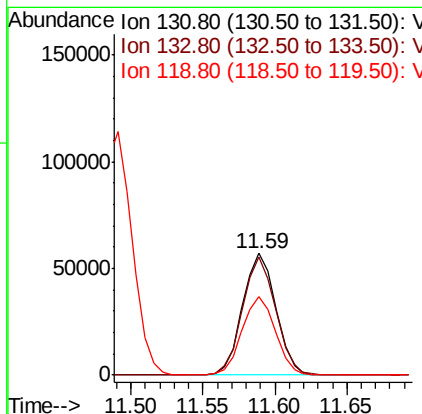
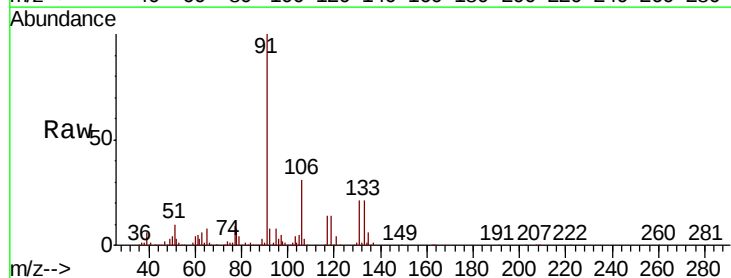
Instrument :
MSVOA_Y
ClientSampleId :
VY0707SBSD01

Tot Ion:112 Resp: 233551
Ion Ratio Lower Upper
112 100
114 32.8 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 21.148 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY003120.D
Acq: 07 Jul 2020 12:26

Tgt Ion:131 Resp: 91192
Ion Ratio Lower Upper
131 100
133 96.4 47.9 143.8
119 64.9 31.8 95.3





#67

Ethyl Benzene

Concen: 20.811 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. -0.00 min

Lab File: VY003120.D

Acq: 07 Jul 2020 12:26

Instrument :

MSVOA_Y

ClientSampleId :

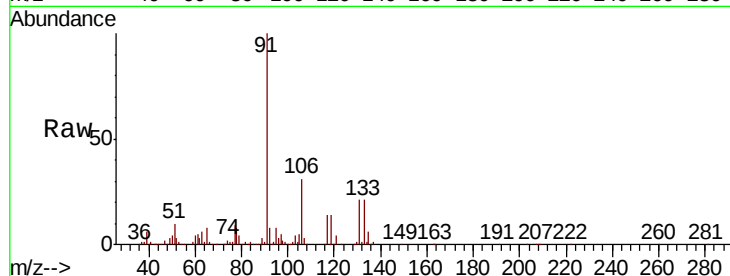
VY0707SBSD01

Tot Ion: 91 Resp: 420499

Ion Ratio Lower Upper

91 100

106 31.4 25.0 37.4



Abundance Ion 91.00 (90.70 to 91.70): VY003120.D (-1567) (-)

Ion 106.00 (105.70 to 106.70): VY003120.D (-1567) (-)

400000

300000

200000

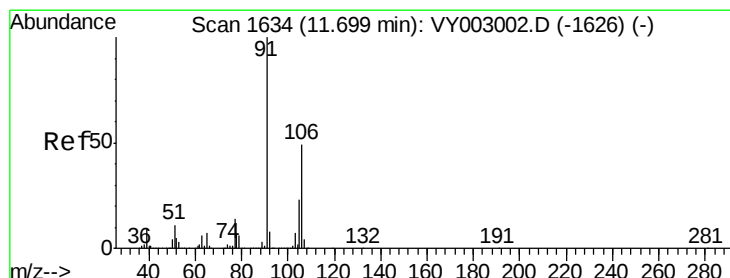
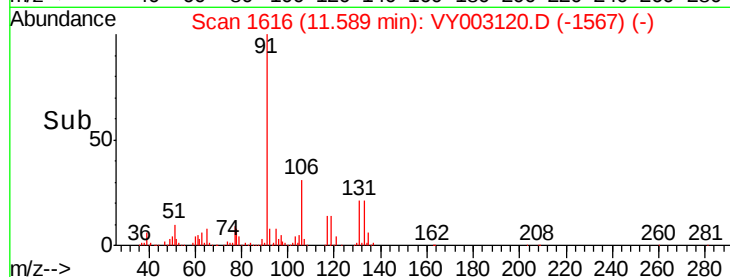
100000

0

11.59

11.60

Time-->



#68

m/p-Xylenes

Concen: 42.587 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. -0.00 min

Lab File: VY003120.D

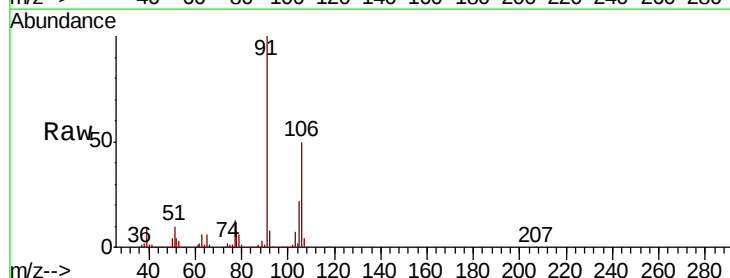
Acq: 07 Jul 2020 12:26

Tgt Ion: 106 Resp: 320269

Ion Ratio Lower Upper

106 100

91 197.3 161.9 242.9



Abundance Ion 106.00 (105.70 to 106.70): VY003120.D (-1585) (-)

Ion 91.00 (90.70 to 91.70): VY003120.D (-1585) (-)

400000

300000

200000

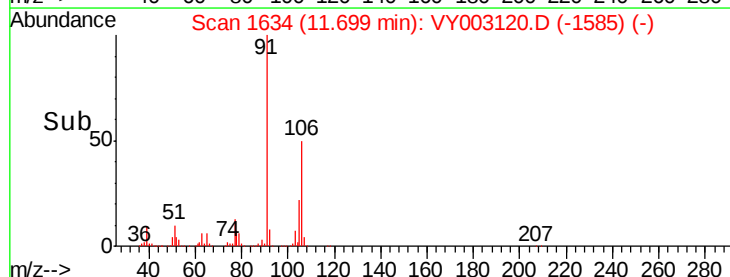
100000

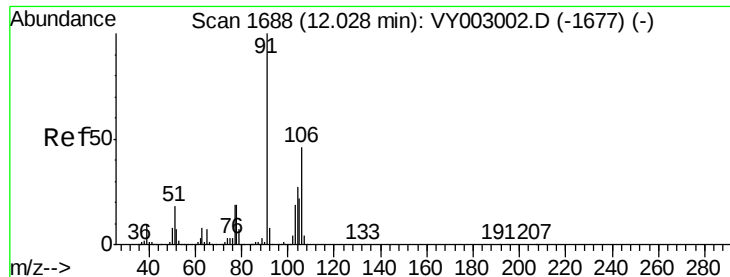
0

11.70

11.80

Time-->

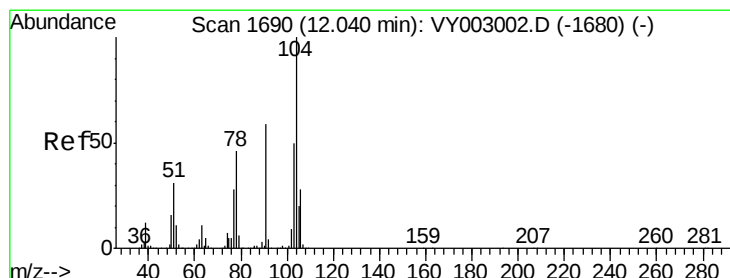
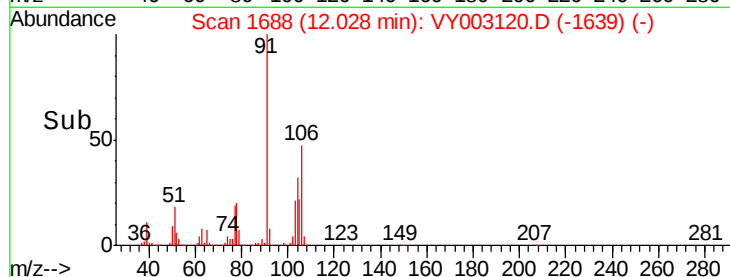
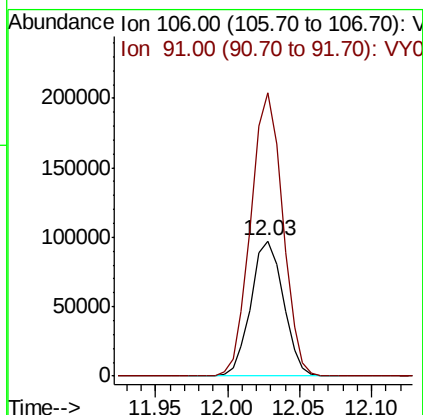
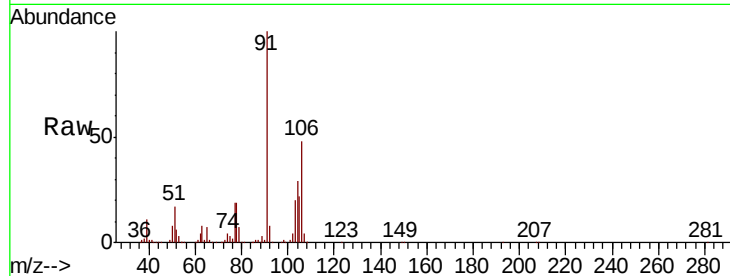




#69
o-Xylene
Concen: 21.434 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY003120.D
Acq: 07 Jul 2020 12:26

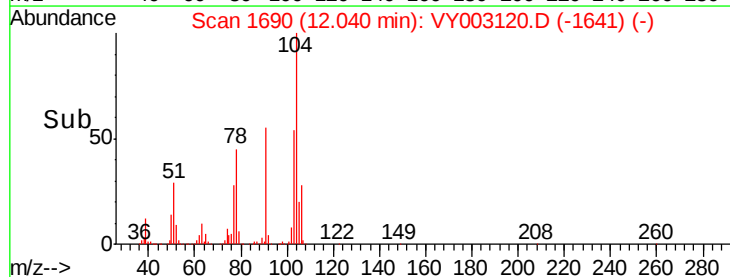
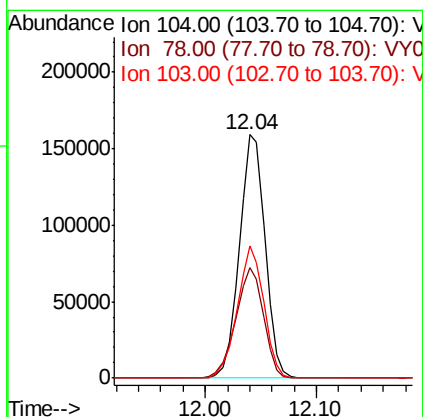
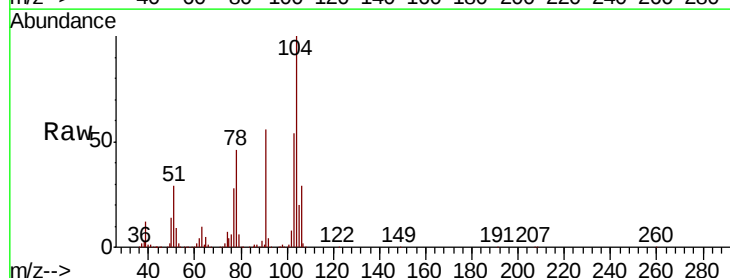
Instrument :
MSVOA_Y
ClientSampleId :
VY0707SBS01

Tot Ion:106 Resp: 151894
Ion Ratio Lower Upper
106 100
91 205.8 107.9 323.8



#70
Styrene
Concen: 20.899 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VY003120.D
Acq: 07 Jul 2020 12:26

Tgt Ion:104 Resp: 253012
Ion Ratio Lower Upper
104 100
78 49.2 40.4 60.6
103 56.3 44.1 66.1

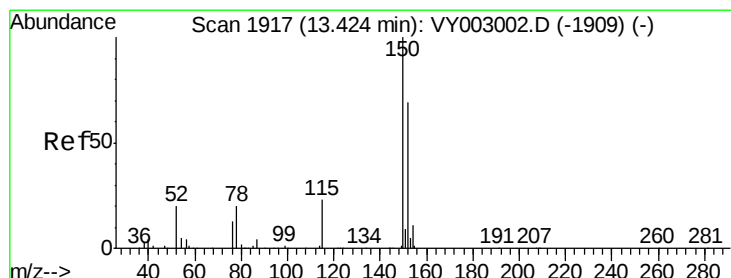
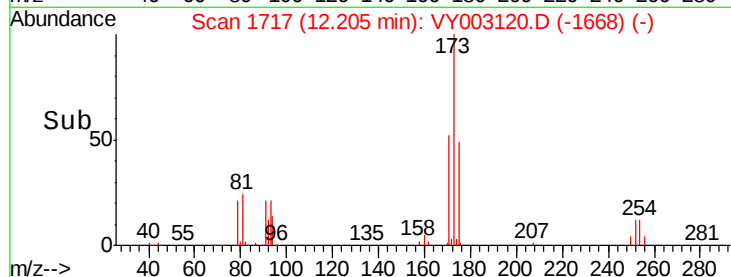
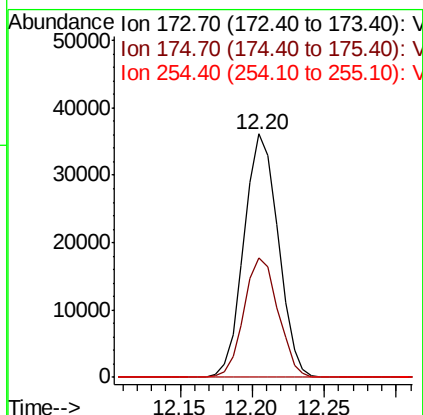
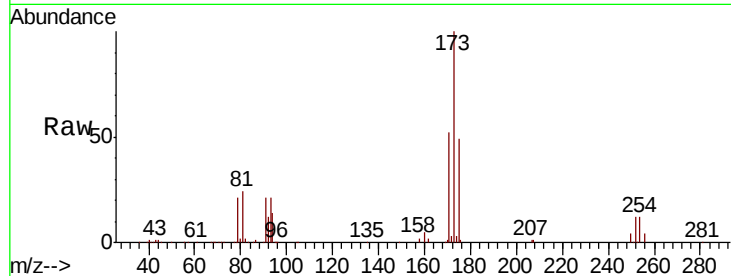




#71
Bromoform
Concen: 20.749 ug/l
RT: 12.20 min Scan# 1717
Delta R.T. -0.00 min
Lab File: VY003120.D
Acq: 07 Jul 2020 12:26

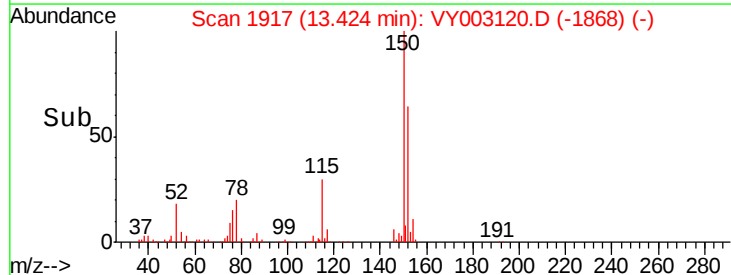
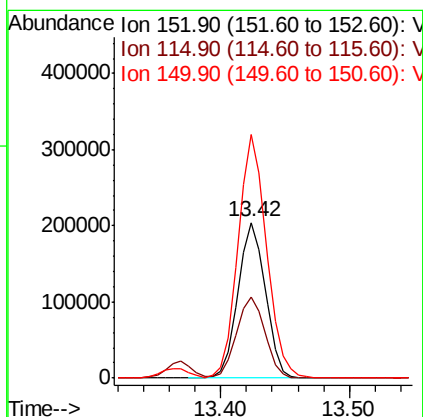
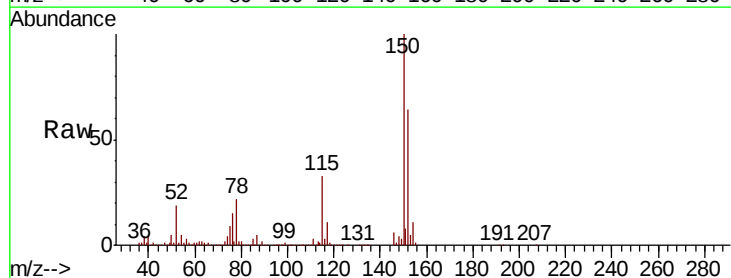
Instrument :
MSVOA_Y
ClientSampleId :
VY0707SBSD01

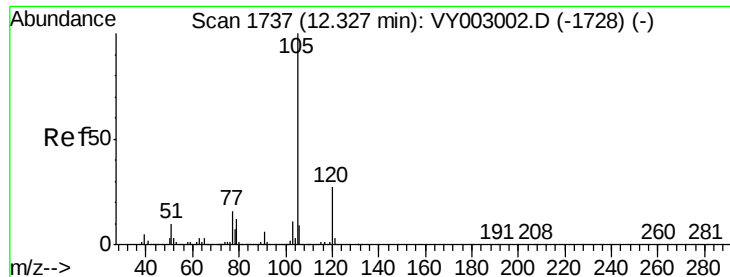
Tot Ion:173 Resp: 59661
Ion Ratio Lower Upper
173 100
175 48.9 24.6 73.6
254 0.0 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY003120.D
Acq: 07 Jul 2020 12:26

Tgt Ion:152 Resp: 300957
Ion Ratio Lower Upper
152 100
115 54.0 27.3 81.9
150 162.1 0.0 343.4





#73

Isopropylbenzene

Concen: 20.858 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VY003120.D

Acq: 07 Jul 2020 12:26

Instrument :

MSVOA_Y

ClientSampleId :

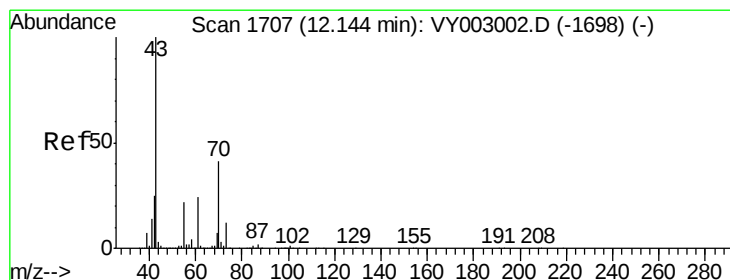
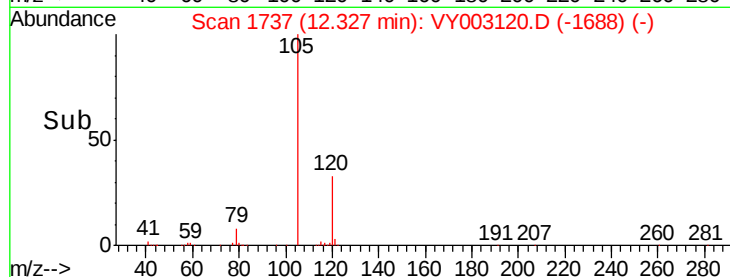
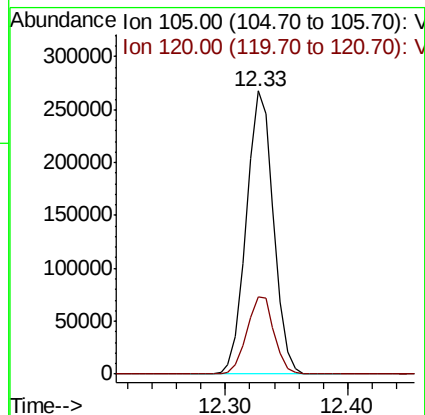
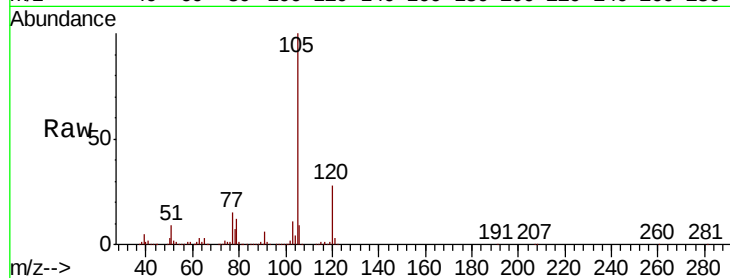
VY0707SBS01

Tot Ion:105 Resp: 410831

Ion Ratio Lower Upper

105 100

120 27.5 13.4 40.1



#74

N-ethyl acetate

Concen: 18.119 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VY003120.D

Acq: 07 Jul 2020 12:26

Tgt Ion: 43 Resp: 116177

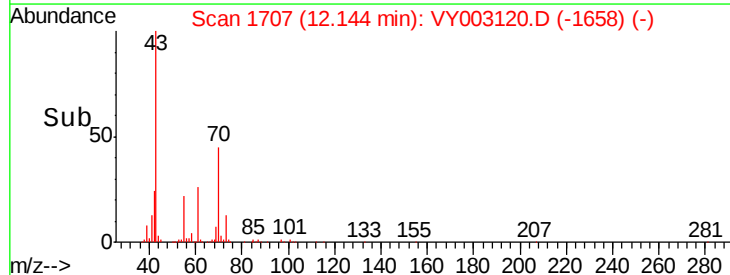
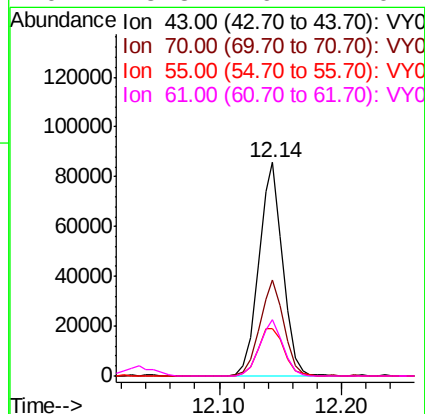
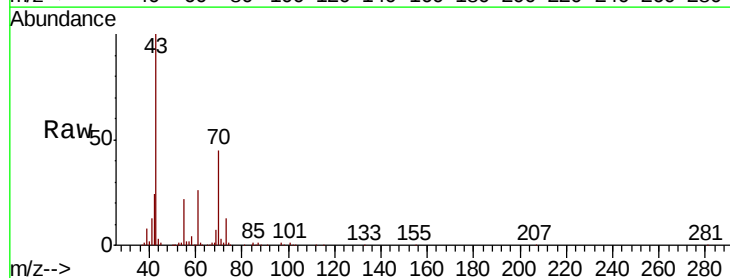
Ion Ratio Lower Upper

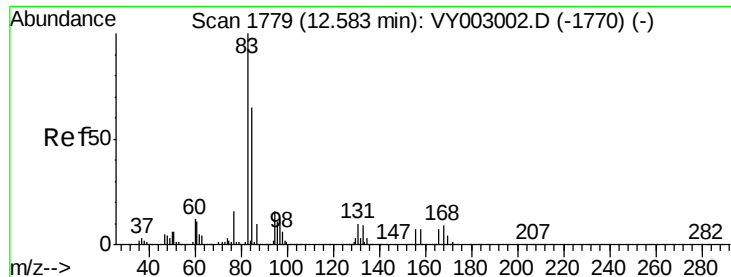
43 100

70 45.4 33.0 49.4

55 25.0 18.2 27.2

61 25.8 19.4 29.2





#75

1,1,2,2-Tetrachloroethane

Concen: 19.955 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY003120.D

Acq: 07 Jul 2020 12:26

Instrument :

MSVOA_Y

ClientSampleId :

VY0707SBS01

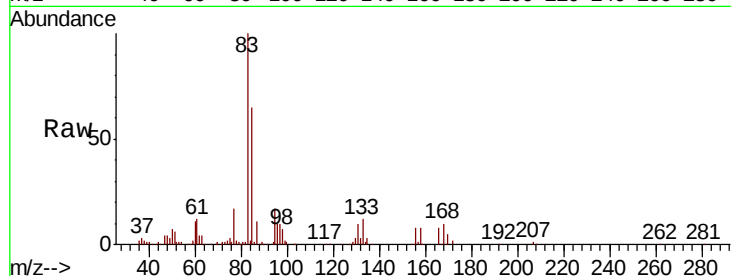
Tot Ion: 83 Resp: 79317

Ion Ratio Lower Upper

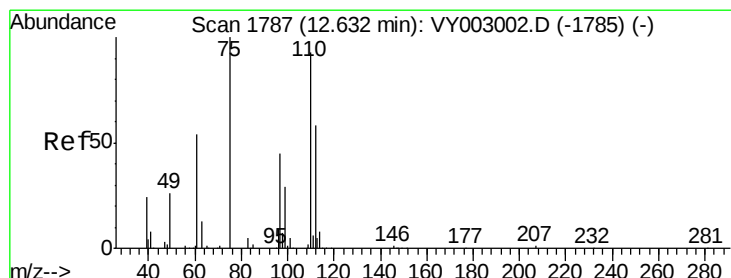
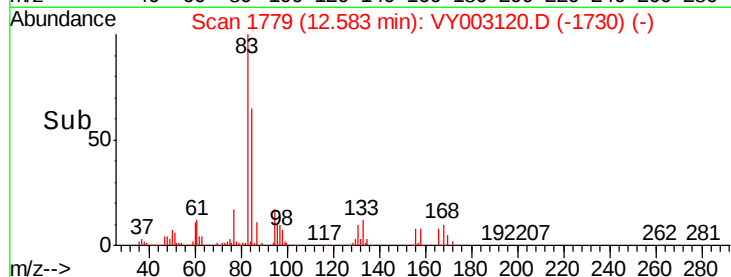
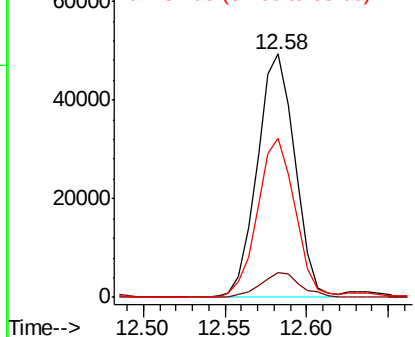
83 100

131 10.7 5.3 16.1

85 65.4 32.1 96.3



Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 130.80 (130.50 to 131.50): VY0
Ion 84.90 (84.60 to 85.60): VY0



#76

1,2,3-Trichloropropane

Concen: 37.525 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. -0.00 min

Lab File: VY003120.D

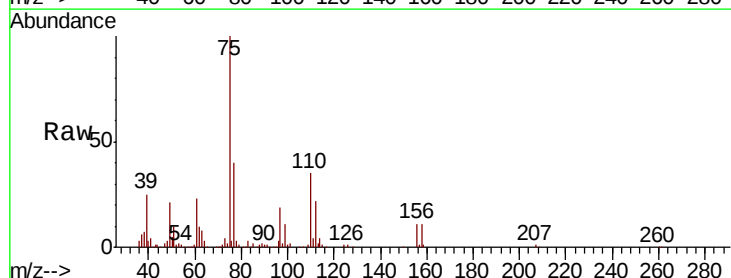
Acq: 07 Jul 2020 12:26

Tgt Ion: 75 Resp: 111771

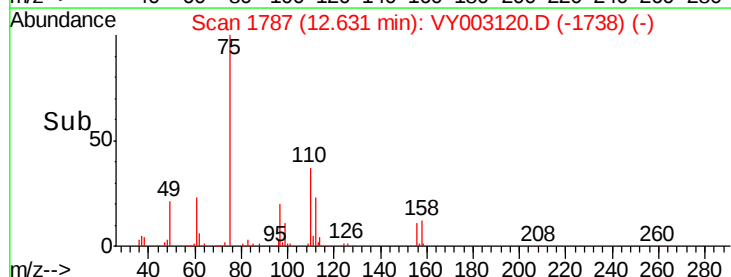
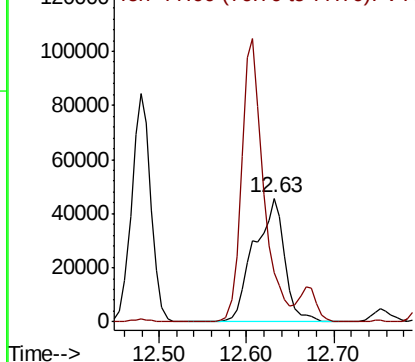
Ion Ratio Lower Upper

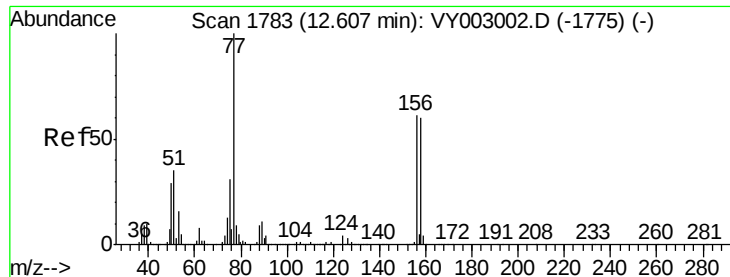
75 100

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: 20.968 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY003120.D

Acq: 07 Jul 2020 12:26

Instrument :

MSVOA_Y

ClientSampleId :

VY0707SBSD01

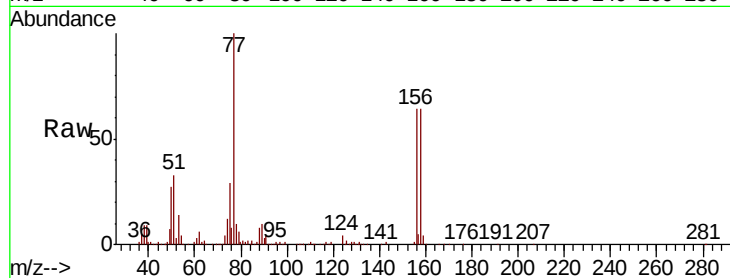
Tot Ion:156 Resp: 105893

Ion Ratio Lower Upper

156 100

77 172.1 90.0 270.0

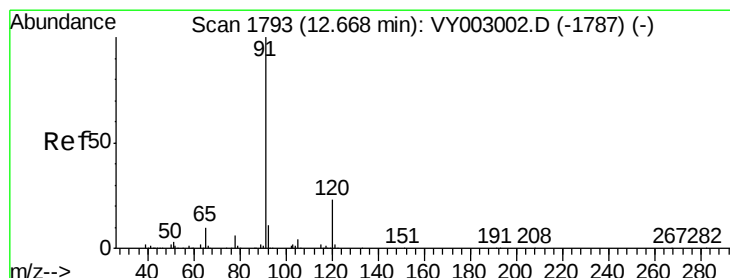
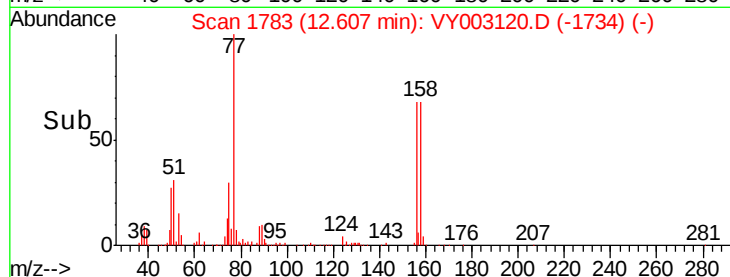
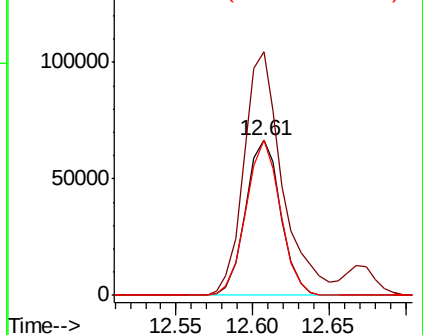
158 97.8 48.5 145.5



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.699 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VY003120.D

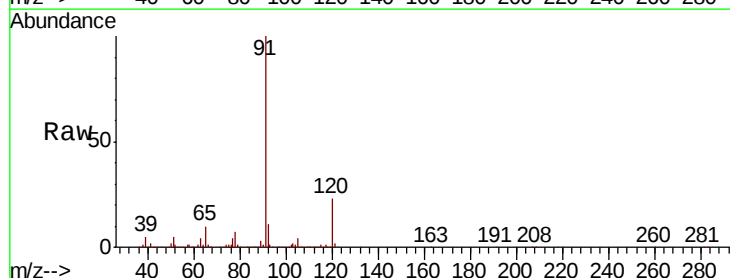
Acq: 07 Jul 2020 12:26

Tgt Ion: 91 Resp: 490319

Ion Ratio Lower Upper

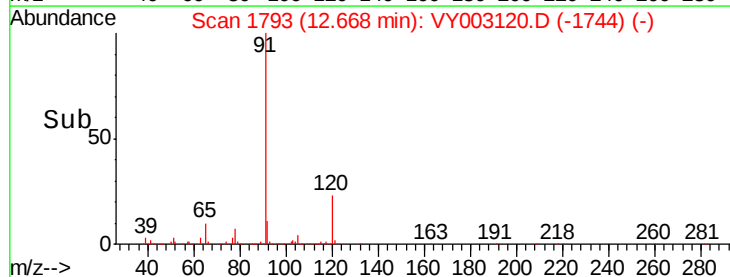
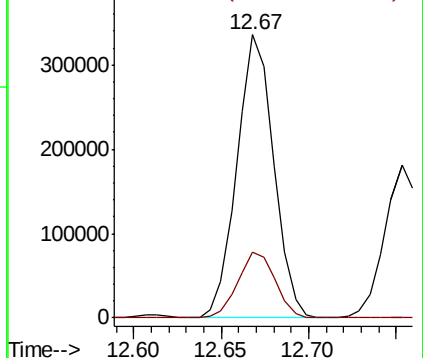
91 100

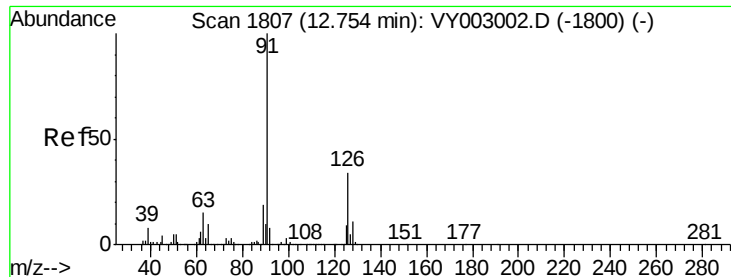
120 23.5 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

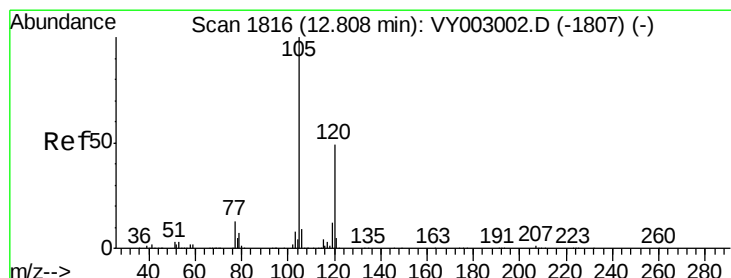
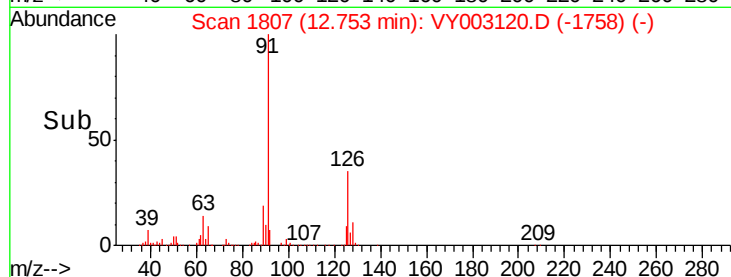
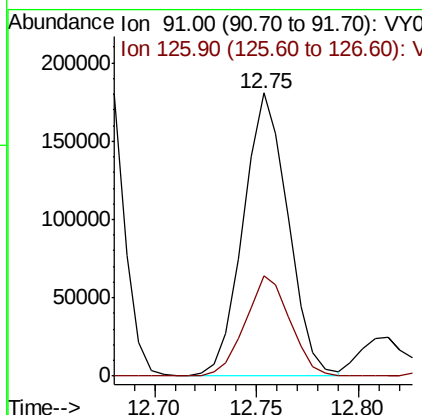
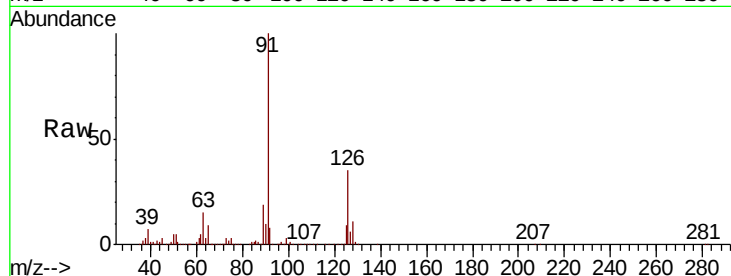




#79
 2-Chlorotoluene
 Concen: 20.862 ug/l
 RT: 12.75 min Scan# 1807
 Delta R.T. -0.00 min
 Lab File: VY003120.D
 Acq: 07 Jul 2020 12:26

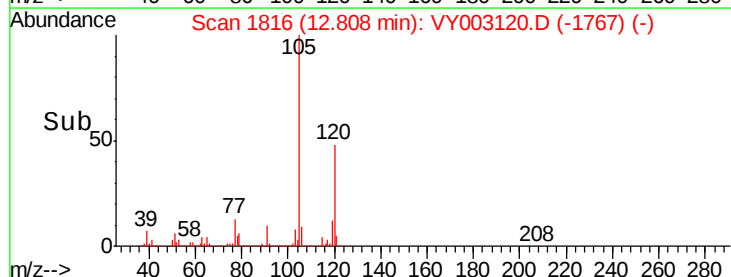
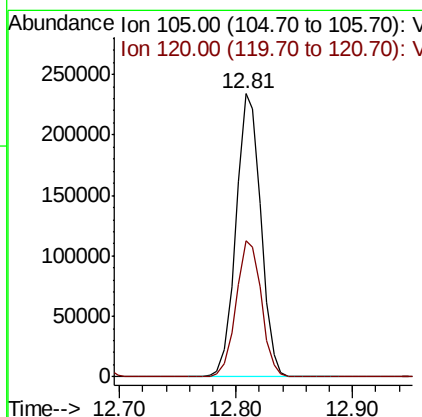
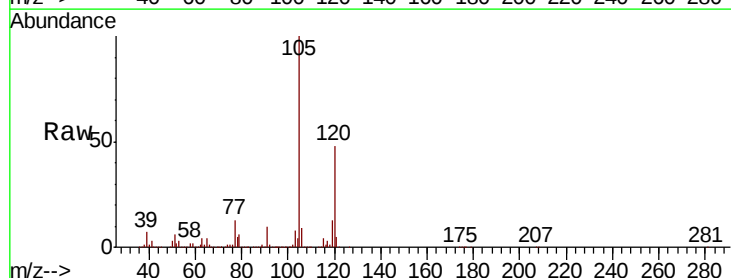
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0707SBSD01

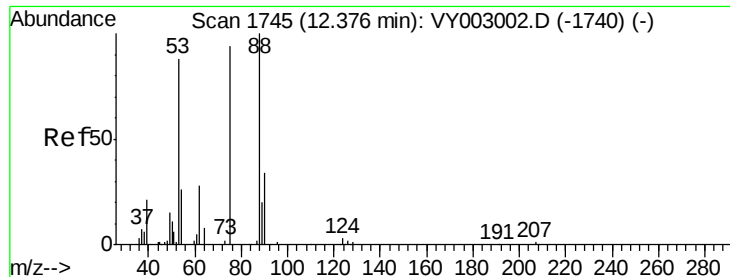
Tot Ion: 91 Resp: 275832
 Ion Ratio Lower Upper
 91 100
 126 35.5 17.1 51.3



#80
 1,3,5-Trimethylbenzene
 Concen: 21.002 ug/l
 RT: 12.81 min Scan# 1816
 Delta R.T. -0.00 min
 Lab File: VY003120.D
 Acq: 07 Jul 2020 12:26

Tgt Ion: 105 Resp: 347130
 Ion Ratio Lower Upper
 105 100
 120 49.0 24.6 73.6





#81

trans-1,4-Dichloro-2-butene

Concen: 18.999 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. -0.00 min

Lab File: VY003120.D

Acq: 07 Jul 2020 12:26

Instrument :

MSVOA_Y

ClientSampleId :

VY0707SBS01

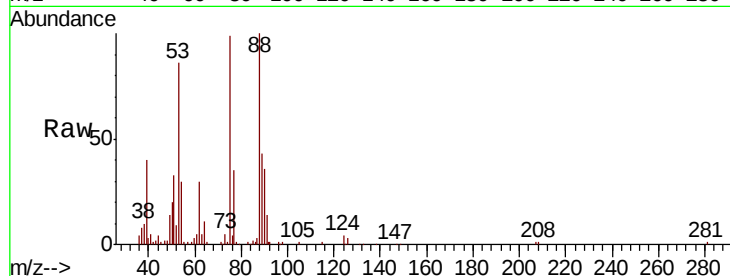
Tot Ion: 75 Resp: 29086

Ion Ratio Lower Upper

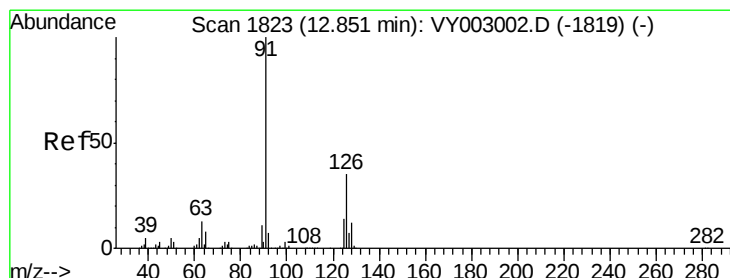
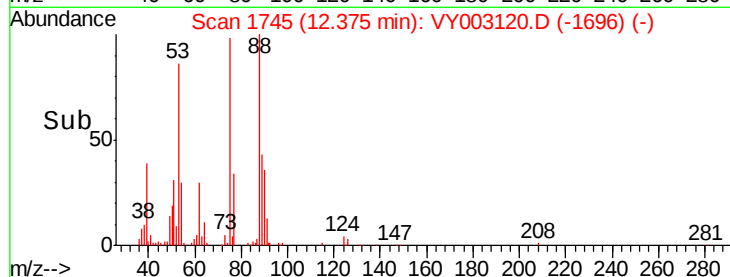
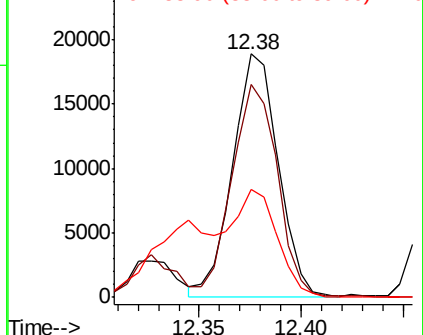
75 100

53 89.0 73.9 110.9

89 45.3 37.5 56.3



Abundance Ion 74.90 (74.60 to 75.60): VY0
Ion 53.00 (52.70 to 53.70): VY0
Ion 88.90 (88.60 to 89.60): VY0



#82

4-Chlorotoluene

Concen: 20.700 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. -0.00 min

Lab File: VY003120.D

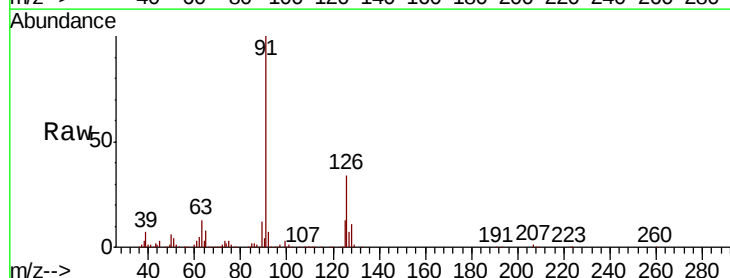
Acq: 07 Jul 2020 12:26

Tgt Ion: 91 Resp: 284962

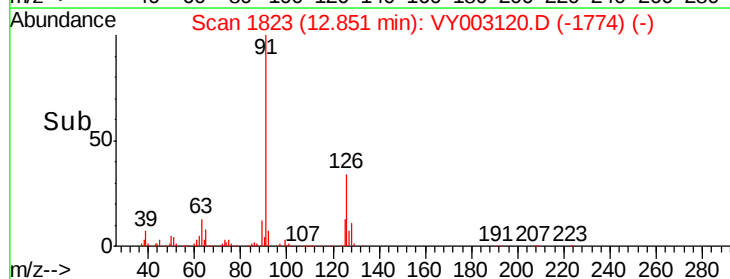
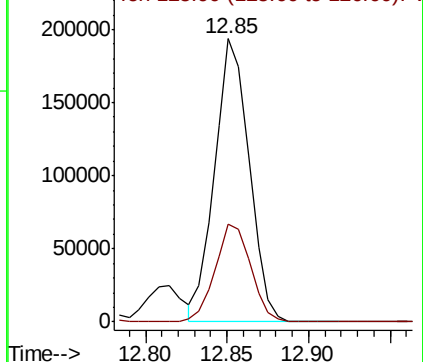
Ion Ratio Lower Upper

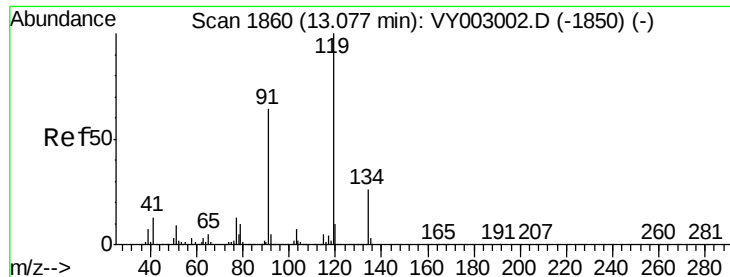
91 100

126 35.6 17.4 52.3



Abundance Ion 91.00 (90.70 to 91.70): VY0
Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 21.134 ug/l

RT: 13.07 min Scan# 1859

Delta R.T. -0.01 min

Lab File: VY003120.D

Acq: 07 Jul 2020 12:26

Instrument :

MSVOA_Y

ClientSampleId :

VY0707SBSD01

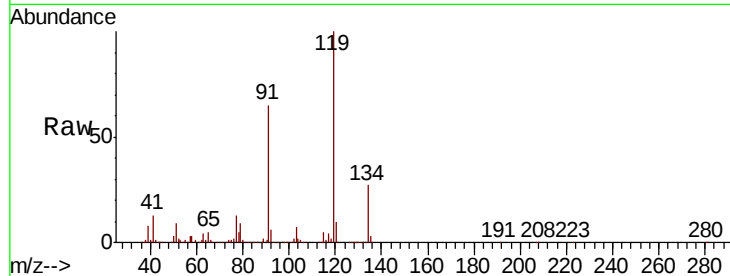
Tot Ion:119 Resp: 306722

Ion Ratio Lower Upper

119 100

91 62.1 31.6 95.0

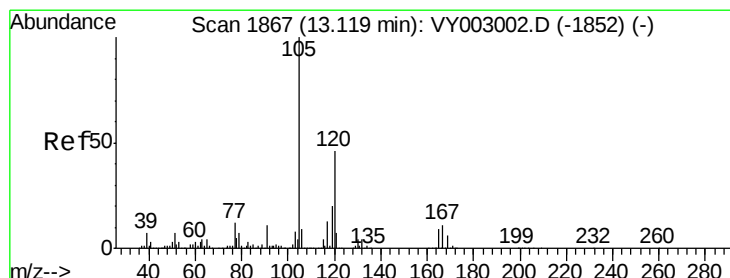
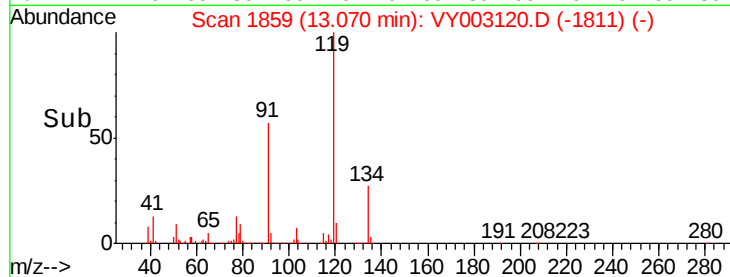
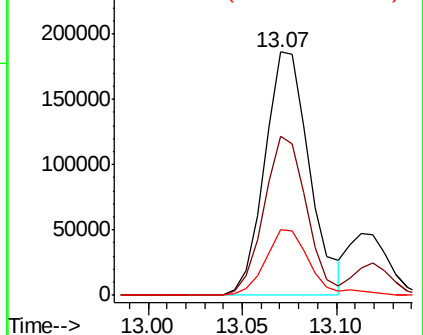
134 27.0 13.2 39.5



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VY0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 20.972 ug/l

RT: 13.12 min Scan# 1867

Delta R.T. -0.00 min

Lab File: VY003120.D

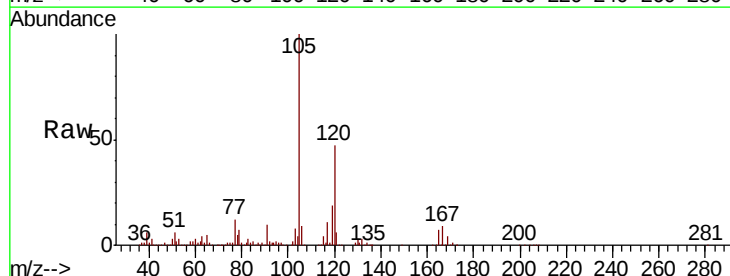
Acq: 07 Jul 2020 12:26

Tgt Ion:105 Resp: 349288

Ion Ratio Lower Upper

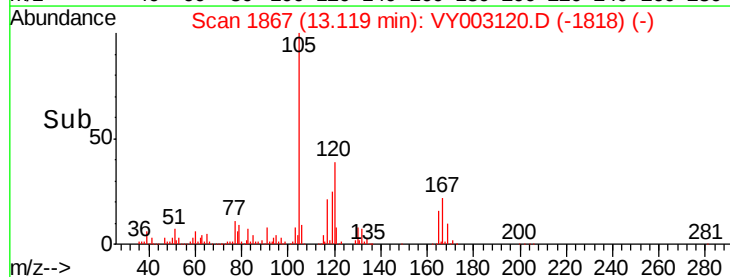
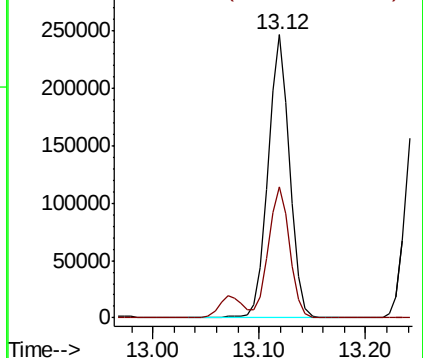
105 100

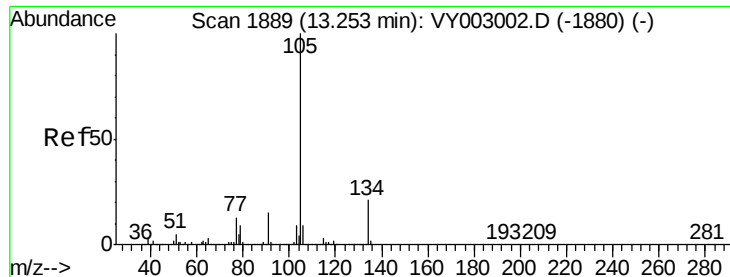
120 46.1 22.6 67.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 21.147 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY003120.D

Acq: 07 Jul 2020 12:26

Instrument :

MSVOA_Y

ClientSampleId :

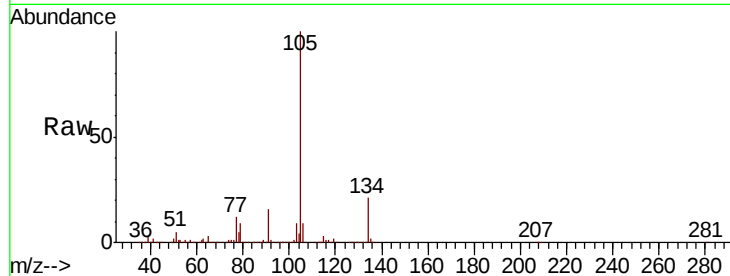
VY0707SBS01

Tot Ion:105 Resp: 423030

Ion Ratio Lower Upper

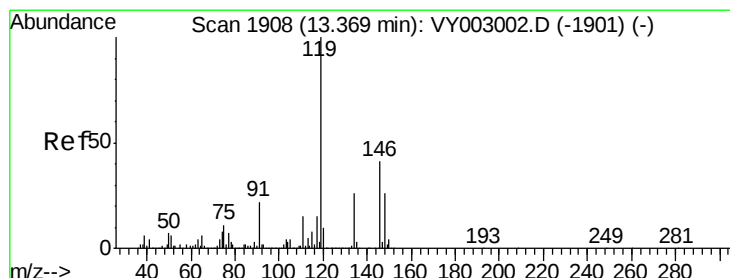
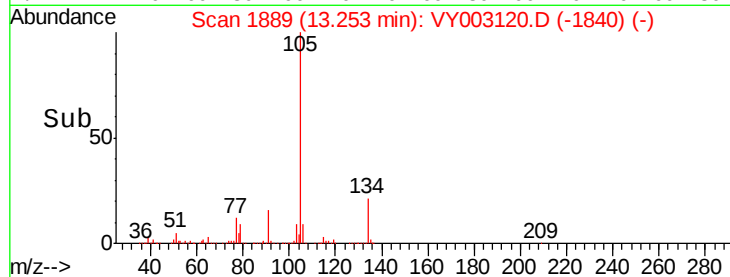
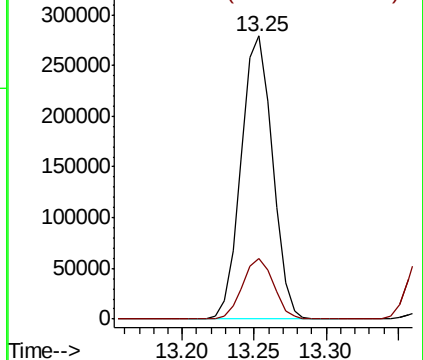
105 100

134 21.2 10.4 31.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 21.181 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY003120.D

Acq: 07 Jul 2020 12:26

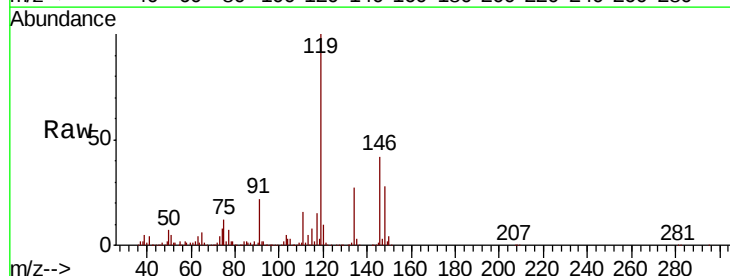
Tgt Ion:119 Resp: 392614

Ion Ratio Lower Upper

119 100

134 27.1 13.5 40.4

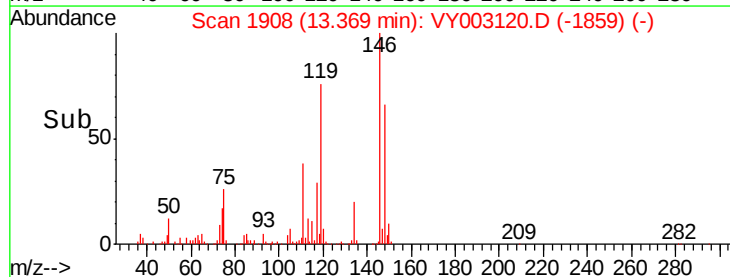
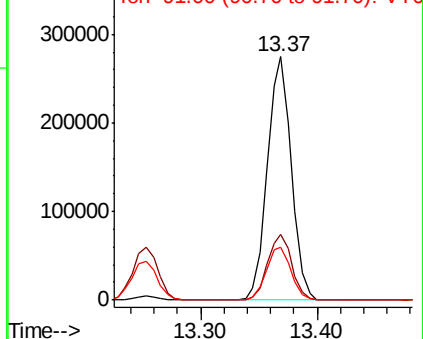
91 22.4 11.5 34.5

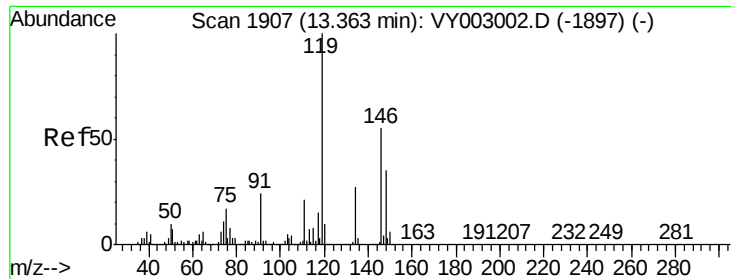


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





#87

1,3-Dichlorobenzene

Concen: 21.311 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. -0.00 min

Lab File: VY003120.D

Acq: 07 Jul 2020 12:26

Instrument :

MSVOA_Y

ClientSampleId :

VY0707SBS01

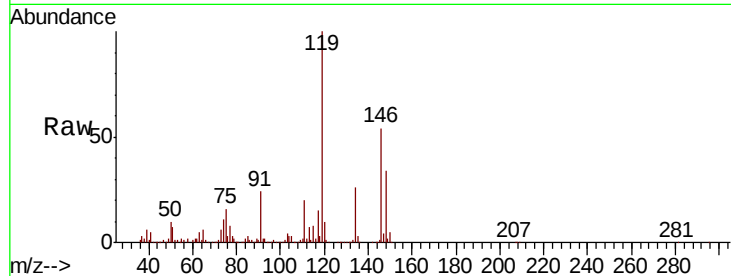
Tot Ion:146 Resp: 200931

Ion Ratio Lower Upper

146 100

111 37.0 18.8 56.3

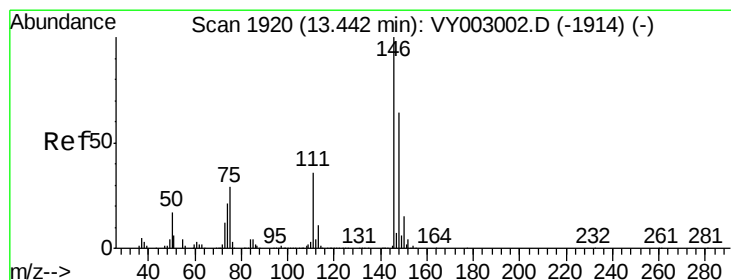
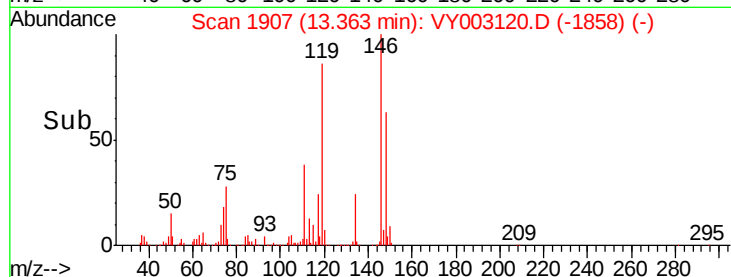
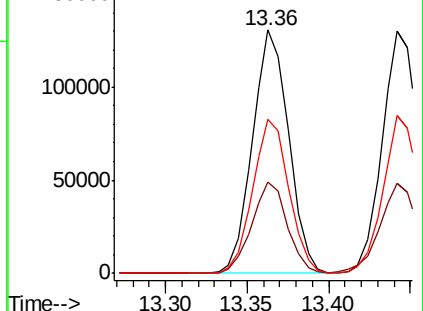
148 63.4 31.8 95.3



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



#88

1,4-Dichlorobenzene

Concen: 21.654 ug/l

RT: 13.44 min Scan# 1920

Delta R.T. -0.00 min

Lab File: VY003120.D

Acq: 07 Jul 2020 12:26

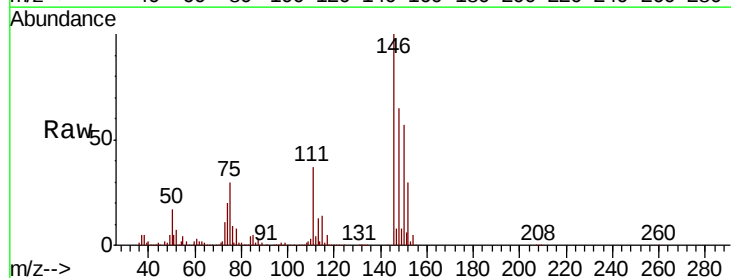
Tgt Ion:146 Resp: 201323

Ion Ratio Lower Upper

146 100

111 37.7 18.4 55.4

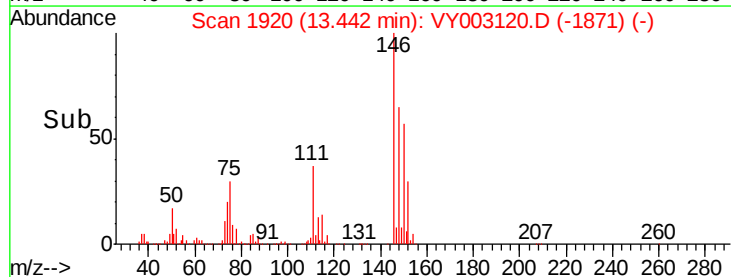
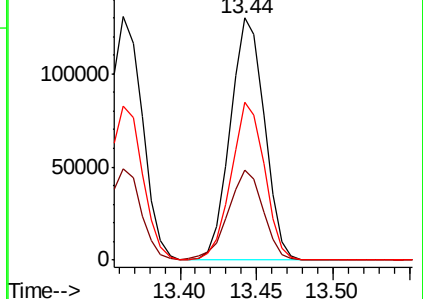
148 63.7 32.3 96.9

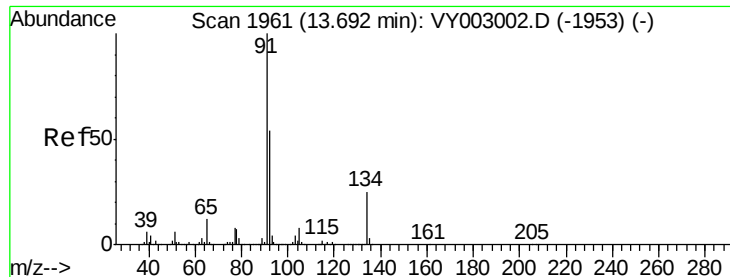


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

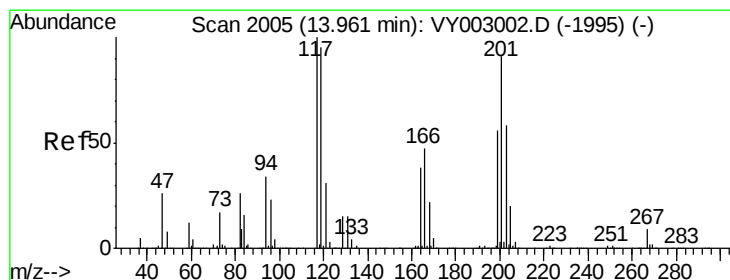
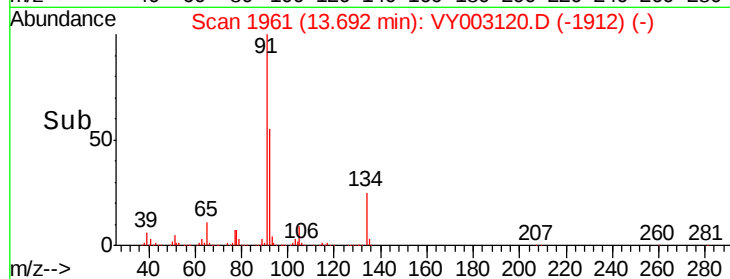
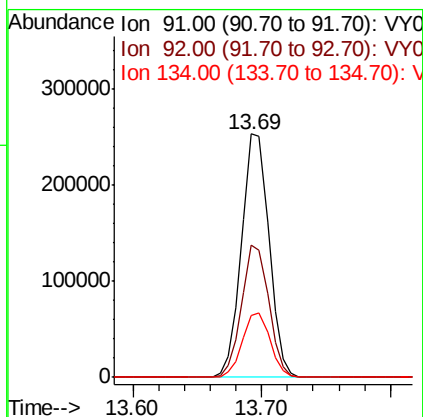
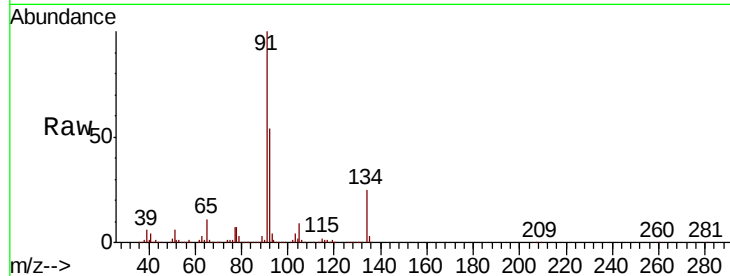




#89
n-Butylbenzene
Concen: 21.080 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. -0.00 min
Lab File: VY003120.D
Acq: 07 Jul 2020 12:26

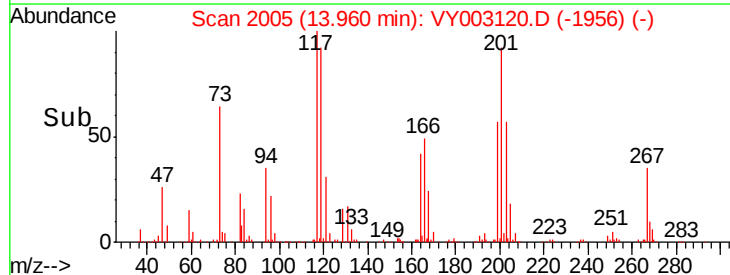
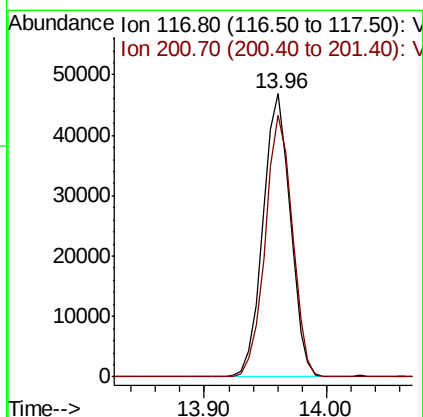
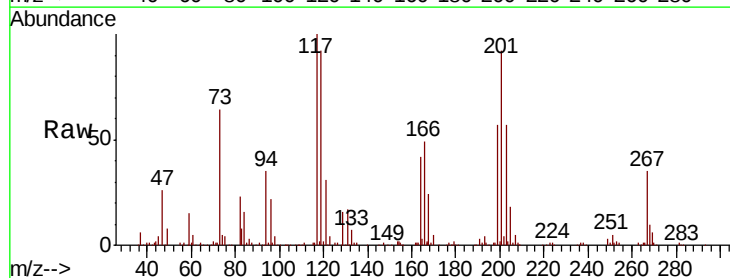
Instrument :
MSVOA_Y
ClientSampleId :
VY0707SBS01

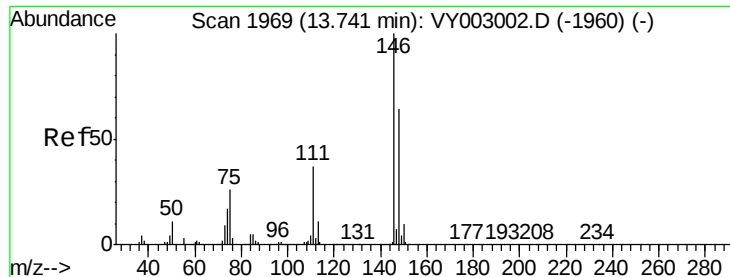
Tot Ion: 91 Resp: 373854
Ion Ratio Lower Upper
91 100
92 53.8 26.8 80.3
134 26.7 13.1 39.1



#90
Hexachloroethane
Concen: 19.927 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.00 min
Lab File: VY003120.D
Acq: 07 Jul 2020 12:26

Tgt Ion: 117 Resp: 73346
Ion Ratio Lower Upper
117 100
201 91.2 45.5 136.4





#91

1,2-Dichlorobenzene

Concen: 21.354 ug/l

RT: 13.74 min Scan# 1969

Delta R.T. -0.00 min

Lab File: VY003120.D

Acq: 07 Jul 2020 12:26

Instrument :

MSVOA_Y

ClientSampleId :

VY0707SBS01

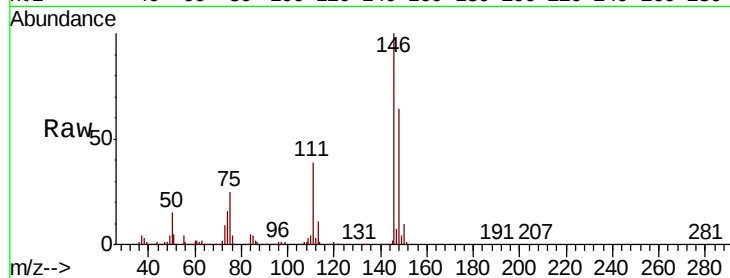
Tot Ion:146 Resp: 180639

Ion Ratio Lower Upper

146 100

111 39.1 19.1 57.5

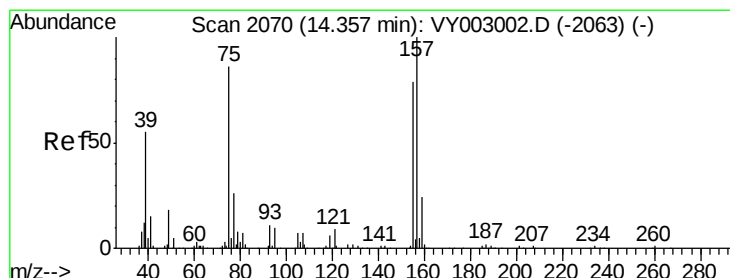
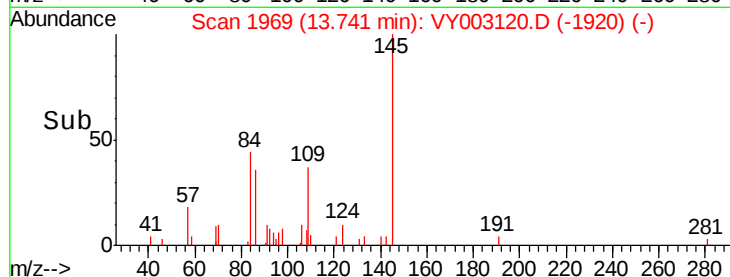
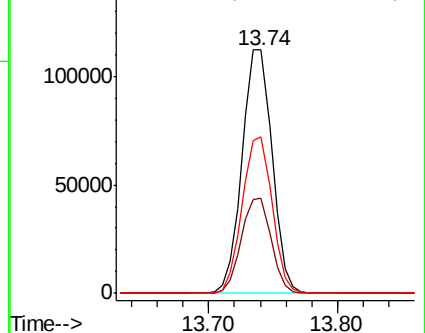
148 63.9 31.8 95.3



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: 19.331 ug/l

RT: 14.36 min Scan# 2070

Delta R.T. -0.00 min

Lab File: VY003120.D

Acq: 07 Jul 2020 12:26

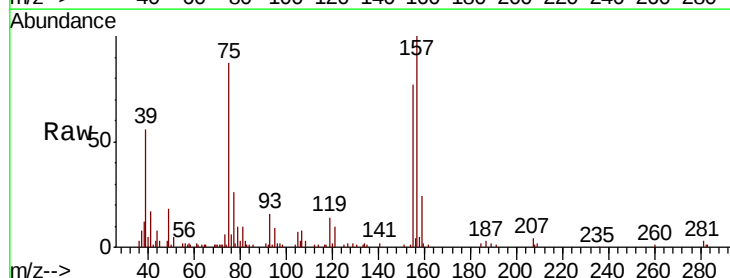
Tgt Ion: 75 Resp: 13602

Ion Ratio Lower Upper

75 100

155 94.6 46.5 139.3

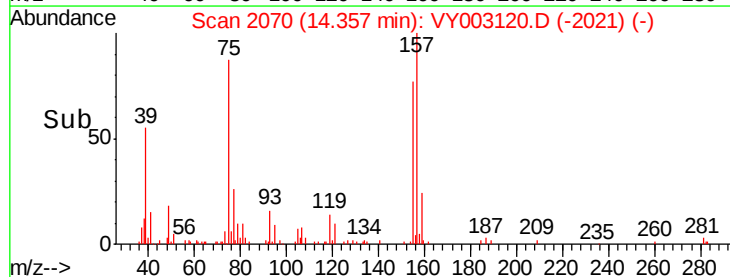
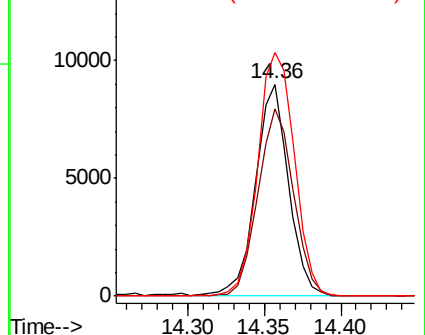
157 126.7 59.2 177.5

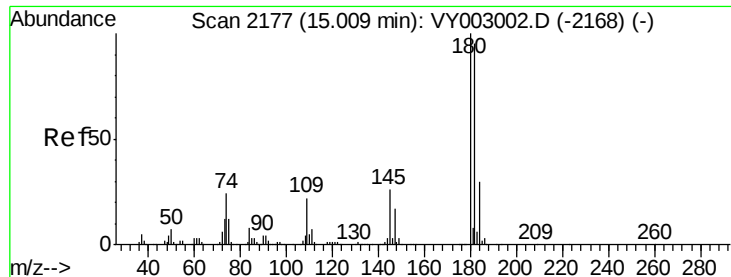


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

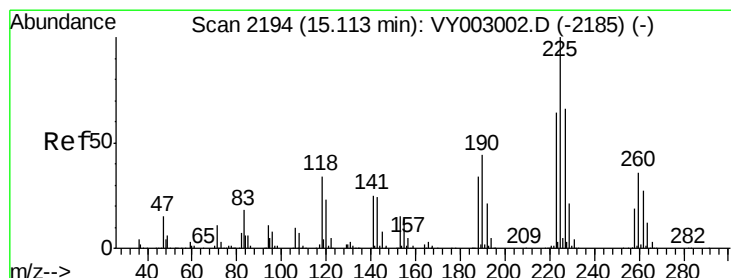
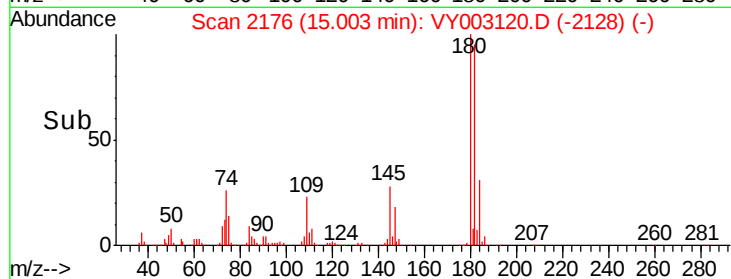
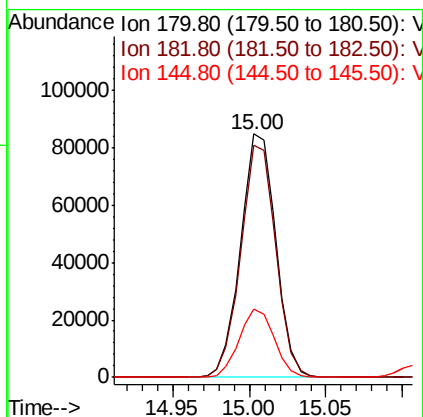
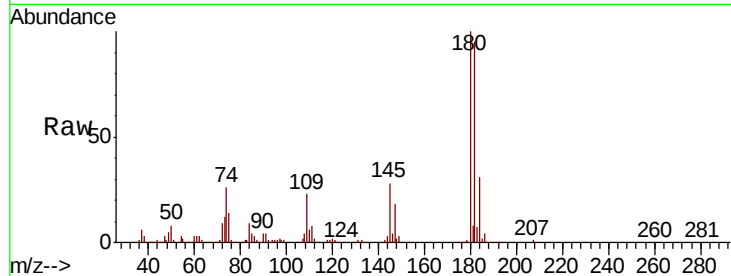




#93
 1,2,4-Trichlorobenzene
 Concen: 21.573 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. -0.01 min
 Lab File: VY003120.D
 Acq: 07 Jul 2020 12:26

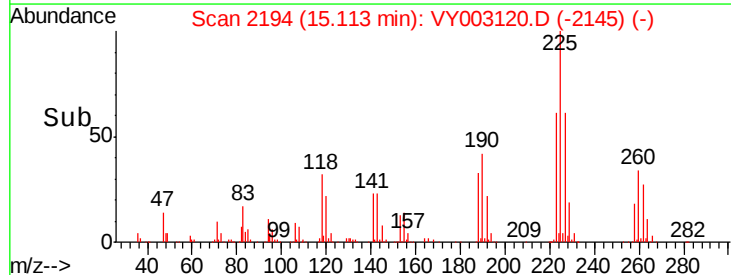
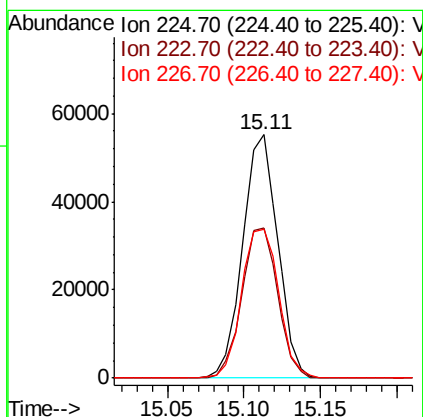
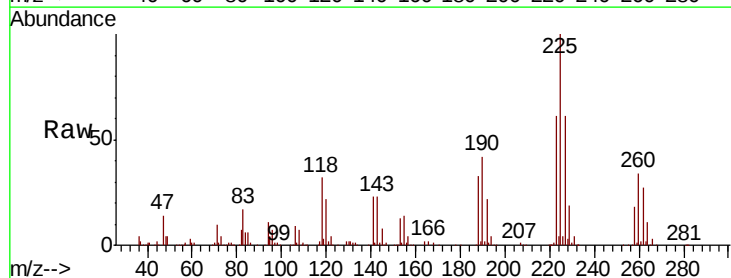
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0707SBS01

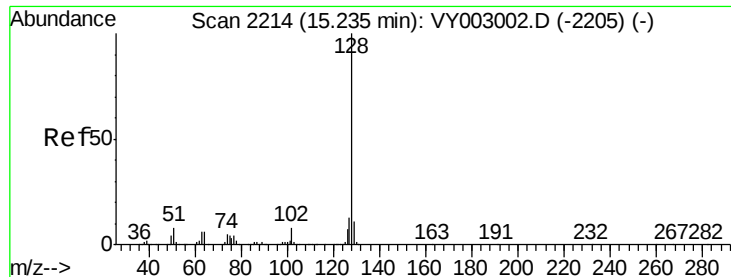
Tot Ion:180 Resp: 135601
 Ion Ratio Lower Upper
 180 100
 182 94.8 48.1 144.3
 145 27.9 13.9 41.6



#94
 Hexachlorobutadiene
 Concen: 22.202 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. -0.00 min
 Lab File: VY003120.D
 Acq: 07 Jul 2020 12:26

Tgt Ion:225 Resp: 88029
 Ion Ratio Lower Upper
 225 100
 223 63.1 32.4 97.0
 227 64.8 32.4 97.2

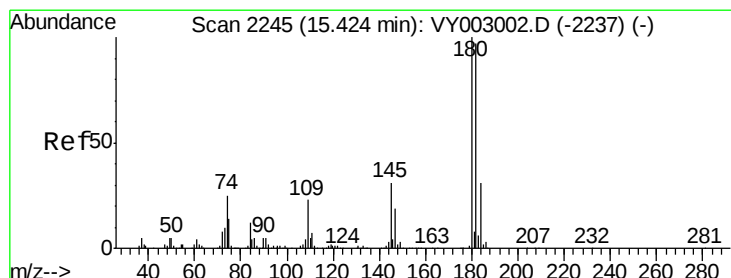
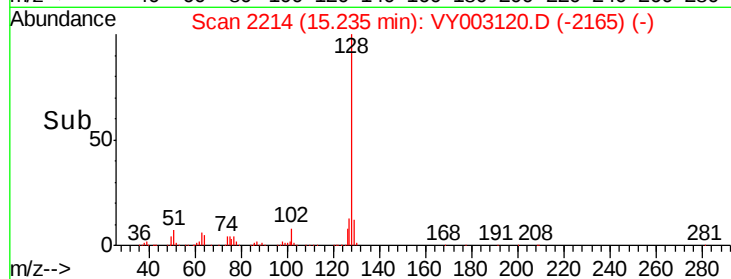
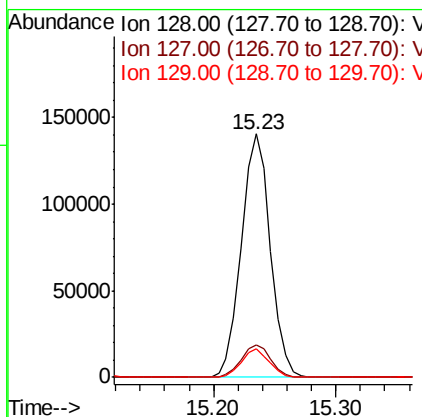
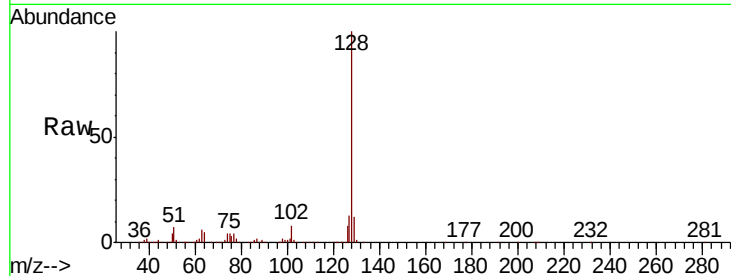




#95
Naphthalene
Concen: 19.997 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VY003120.D
Acq: 07 Jul 2020 12:26

Instrument :
MSVOA_Y
ClientSampleId :
VY0707SBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.6	10.8	16.2
129	11.3	8.8	13.2



#96
1,2,3-Trichlorobenzene
Concen: 20.763 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. -0.00 min
Lab File: VY003120.D
Acq: 07 Jul 2020 12:26

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.0	47.8	143.3
145	29.5	14.7	44.1

