

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY070720\
 Data File : VY003119.D
 Acq On : 07 Jul 2020 12:03
 Operator : SY/MD
 Sample : VY0707SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0707SBS01

Quant Time: Jul 08 03:49:17 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	428505	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	618963	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	556441	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	297900	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.14	65	206600	48.54	ug/l	0.00
Spiked Amount			Recovery	=	97.08%	
35) Dibromofluoromethane	7.72	113	205041	53.10	ug/l	0.00
Spiked Amount			Recovery	=	106.20%	
50) Toluene-d8	10.18	98	764742	53.16	ug/l	0.00
Spiked Amount			Recovery	=	106.32%	
62) 4-Bromofluorobenzene	12.48	95	266264	52.59	ug/l	0.00
Spiked Amount			Recovery	=	105.18%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	55403	17.072	ug/l	95
3) Chloromethane	2.12	50	81477	17.145	ug/l	99
4) Vinyl Chloride	2.26	62	88335	19.056	ug/l	97
5) Bromomethane	2.65	94	68527	21.773	ug/l	98
6) Chloroethane	2.79	64	58956	19.993	ug/l	95
7) Trichlorofluoromethane	3.13	101	132513	20.254	ug/l	94
8) Diethyl Ether	3.53	74	43286	19.299	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	3.91	101	81589	20.885	ug/l	98
10) Methyl Iodide	4.10	142	94929	19.597	ug/l	99
11) Tert butyl alcohol	4.96	59	39360	90.748	ug/l	100
12) 1,1-Dichloroethene	3.88	96	74497	20.042	ug/l	93
13) Acrolein	3.74	56	31072	79.764	ug/l	97
14) Allyl chloride	4.49	41	113737	17.526	ug/l	97
15) Acrylonitrile	5.18	53	101000	87.373	ug/l	99
16) Acetone	3.95	43	79111	78.816	ug/l	95
17) Carbon Disulfide	4.20	76	223429	18.814	ug/l	98
18) Methyl Acetate	4.48	43	47302	17.492	ug/l	94
19) Methyl tert-butyl Ether	5.22	73	208975	19.288	ug/l	98
20) Methylene Chloride	4.72	84	96432	16.917	ug/l	92
21) trans-1,2-Dichloroethene	5.22	96	85749	20.395	ug/l	92
22) Diisopropyl ether	6.13	45	251693	18.095	ug/l	96
23) Vinyl Acetate	6.07	43	805110	86.577	ug/l	96
24) 1,1-Dichloroethane	6.03	63	147434	19.404	ug/l	100
25) 2-Butanone	7.00	43	133052	83.446	ug/l	100
26) 2,2-Dichloropropane	6.99	77	134614	19.500	ug/l	99
27) cis-1,2-Dichloroethene	7.00	96	95128	20.172	ug/l	95
28) Bromochloromethane	7.34	49	56428	16.691	ug/l	86
29) Tetrahydrofuran	7.35	42	88921	83.862	ug/l	92
30) Chloroform	7.51	83	151364	20.109	ug/l	98
31) Cyclohexane	7.79	56	135699	18.129	ug/l	90
32) 1,1,1-Trichloroethane	7.71	97	136464	19.861	ug/l	100
36) 1,1-Dichloropropene	7.93	75	118421	19.862	ug/l	98
37) Ethyl Acetate	7.08	43	62780	17.513	ug/l	98
38) Carbon Tetrachloride	7.91	117	123974	19.986	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.18	83	148479	20.086	ug/l	97
40) Benzene	8.16	78	332298	20.358	ug/l	100
41) Methacrylonitrile	7.35	41	84699	44.232	ug/l #	44
42) 1,2-Dichloroethane	8.24	62	99738	19.315	ug/l	100
43) Isopropyl Acetate	8.28	43	118509	17.390	ug/l	95
44) Trichloroethene	8.94	130	101399	21.373	ug/l	97
45) 1,2-Dichloropropane	9.22	63	84849	19.322	ug/l	98
46) Dibromomethane	9.31	93	49252	20.081	ug/l	97
47) Bromodichloromethane	9.50	83	121754	20.273	ug/l	99
48) Methyl methacrylate	9.30	41	53637	17.292	ug/l	94
49) 1,4-Dioxane	9.30	88	11613	387.881	ug/l	91
51) 4-Methyl-2-Pentanone	10.07	43	310663	88.200	ug/l	99
52) Toluene	10.24	92	211395	20.573	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	120625	19.157	ug/l	97
54) cis-1,3-Dichloropropene	9.93	75	138965	19.298	ug/l	98
55) 1,1,2-Trichloroethane	10.64	97	70200	20.597	ug/l	99
56) Ethyl methacrylate	10.51	69	92341	18.717	ug/l	94
57) 1,3-Dichloropropane	10.79	76	118579	19.819	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	224960	88.907	ug/l	97
59) 2-Hexanone	10.83	43	213893	86.880	ug/l	99
60) Dibromochloromethane	10.99	129	87657	20.098	ug/l	100
61) 1,2-Dibromoethane	11.09	107	67733	20.159	ug/l	100
64) Tetrachloroethene	10.72	164	107157	22.754	ug/l	95
65) Chlorobenzene	11.52	112	234863	21.406	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	90057	21.023	ug/l	98
67) Ethyl Benzene	11.59	91	412091	20.530	ug/l	100
68) m/p-Xylenes	11.70	106	311798	41.737	ug/l	99
69) o-Xylene	12.03	106	149323	21.211	ug/l	95
70) Styrene	12.04	104	253747	21.099	ug/l	98
71) Bromoform	12.20	173	58458	20.466	ug/l #	100
73) Isopropylbenzene	12.33	105	411066	21.084	ug/l	99
74) N-amyl acetate	12.14	43	112733	17.762	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.58	83	76510	19.446	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	105324	35.724	ug/l #	100
77) Bromobenzene	12.61	156	103784	20.762	ug/l	96
78) n-propylbenzene	12.67	91	490442	20.917	ug/l	99
79) 2-Chlorotoluene	12.75	91	269905	20.623	ug/l	97
80) 1,3,5-Trimethylbenzene	12.81	105	340762	20.829	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.38	75	27054	17.853	ug/l	98
82) 4-Chlorotoluene	12.85	91	280058	20.553	ug/l	99
83) tert-Butylbenzene	13.08	119	302714	21.072	ug/l	98
84) 1,2,4-Trimethylbenzene	13.12	105	346615	21.026	ug/l	100
85) sec-Butylbenzene	13.25	105	419661	21.194	ug/l	100
86) p-Isopropyltoluene	13.37	119	391007	21.311	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	197310	21.142	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	196766	21.381	ug/l	99
89) n-Butylbenzene	13.69	91	372615	21.226	ug/l	99
90) Hexachloroethane	13.96	117	72076	19.783	ug/l	98
91) 1,2-Dichlorobenzene	13.74	146	174798	20.875	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.36	75	13167	18.905	ug/l	94

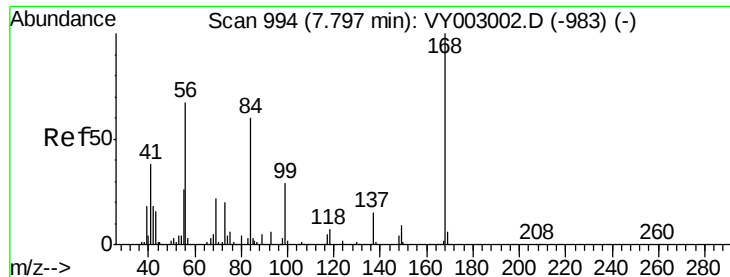
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY070720\
Data File : VY003119.D
Acq On : 07 Jul 2020 12:03
Operator : SY/MD
Sample : VY0707SBS01
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Instrument :
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Quant Title : SW846 8260
QLast Update : Tue 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	15.01	180	128986	20.731	ug/l	100
94) Hexachlorobutadiene	15.11	225	87472	22.288	ug/l	98
95) Naphthalene	15.23	128	218690	19.243	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	107389	19.877	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY003119.D

Acq: 07 Jul 2020 12:03

Instrument :

MSVOA_Y

ClientSampleId :

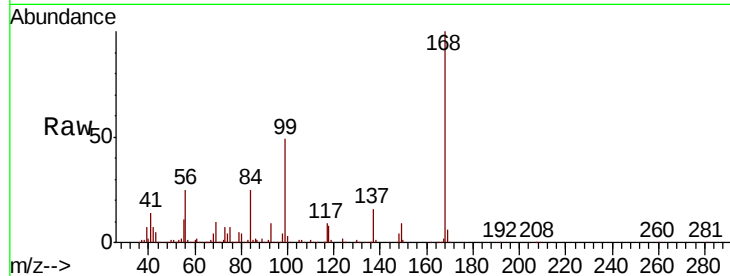
VY0707SBS01

Tot Ion:168 Resp: 428505

Ion Ratio Lower Upper

168 100

99 49.0 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY003119.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY003119.D (-945) (-)

7.80

200000

150000

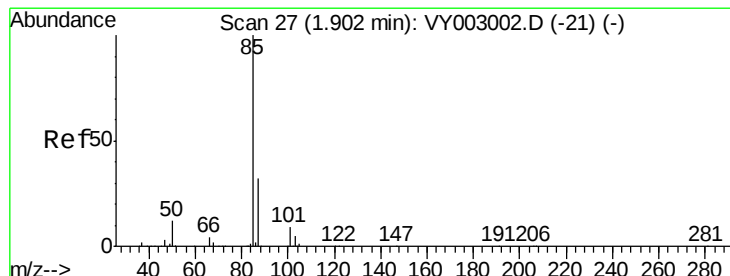
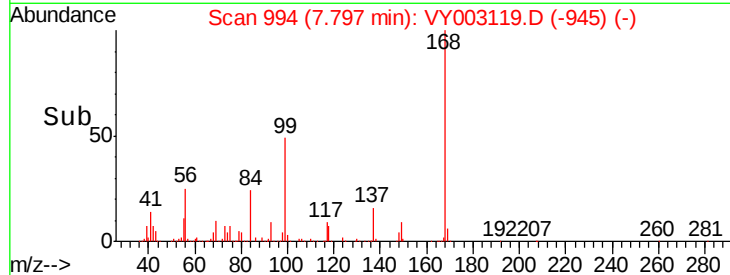
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 17.072 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.01 min

Lab File: VY003119.D

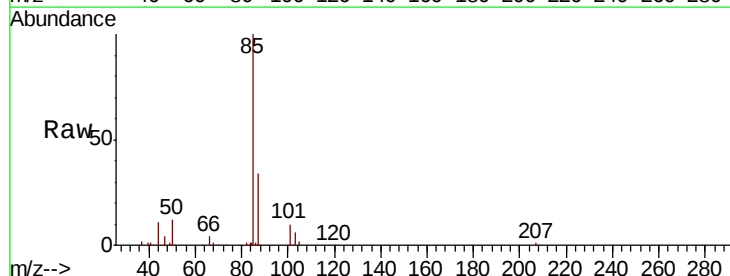
Acq: 07 Jul 2020 12:03

Tgt Ion: 85 Resp: 55403

Ion Ratio Lower Upper

85 100

87 34.4 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VY003119.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY003119.D (-1) (-)

1.91

40000

30000

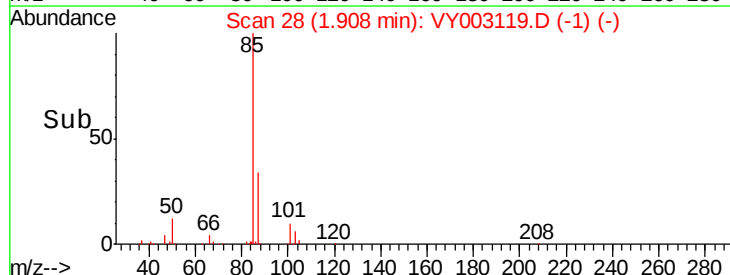
20000

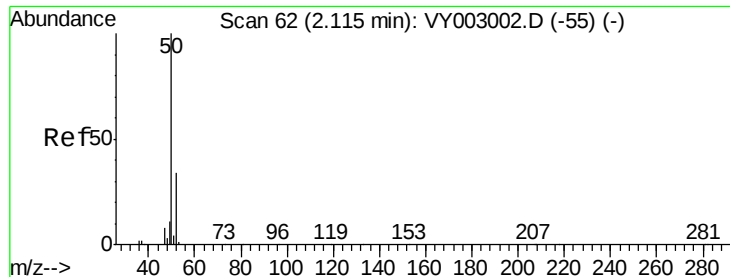
10000

0

1.85 1.90 1.95 2.00

Time-->





#3

Chloromethane

Concen: 17.145 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY003119.D

Acq: 07 Jul 2020 12:03

Instrument :

MSVOA_Y

ClientSampleId :

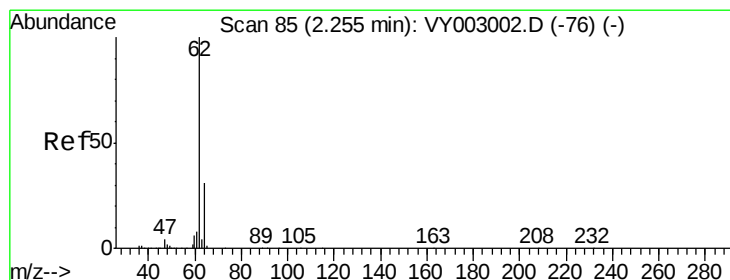
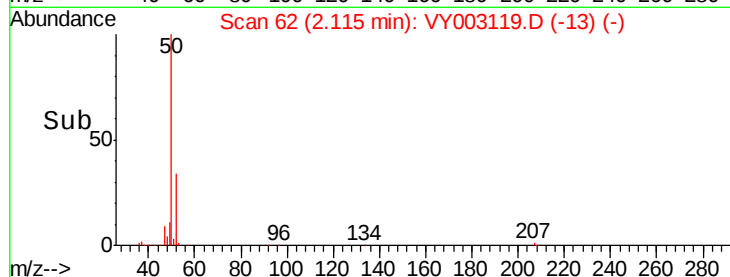
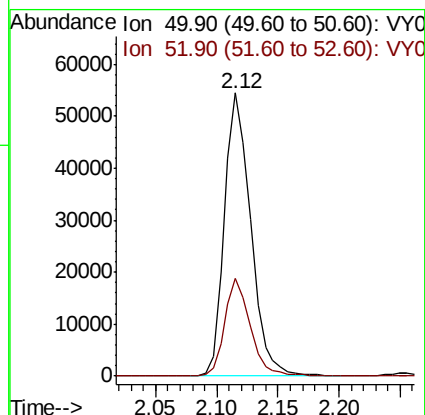
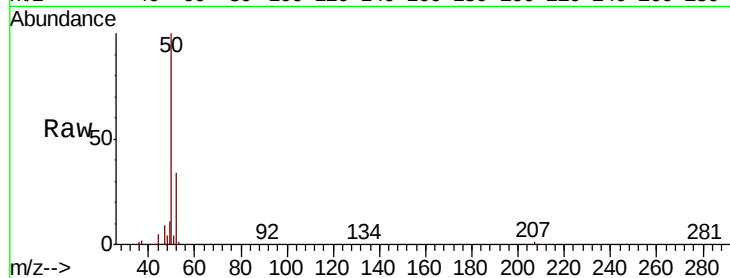
VY0707SBS01

Tot Ion: 50 Resp: 81477

Ion Ratio Lower Upper

50 100

52 34.4 26.9 40.3



#4

Vinyl Chloride

Concen: 19.056 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.00 min

Lab File: VY003119.D

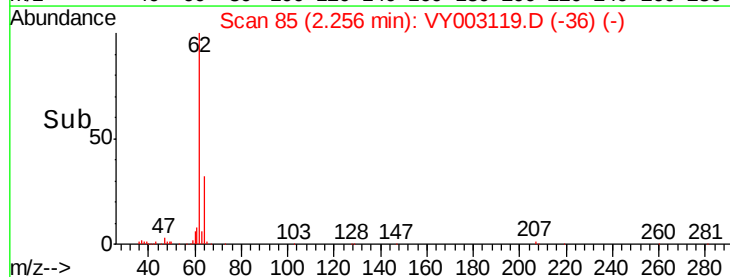
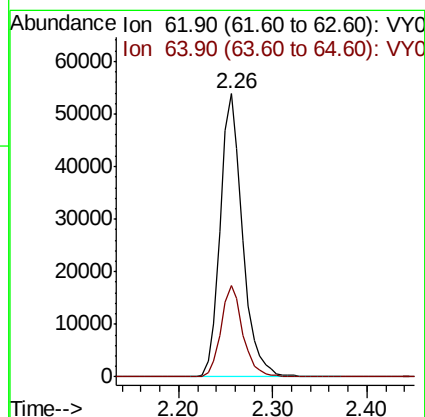
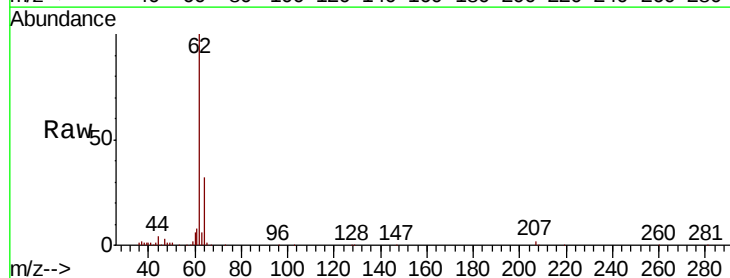
Acq: 07 Jul 2020 12:03

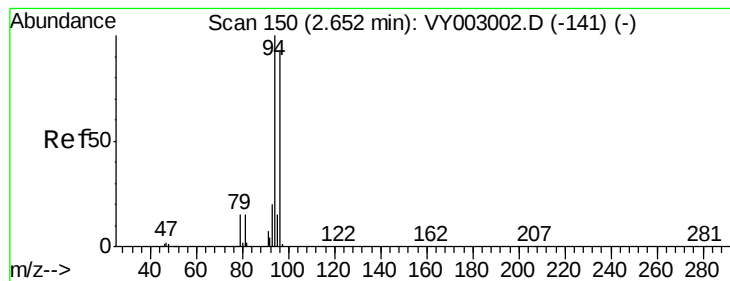
Tgt Ion: 62 Resp: 88335

Ion Ratio Lower Upper

62 100

64 32.4 24.4 36.6





#5

Bromomethane

Concen: 21.773 ug/l

RT: 2.65 min Scan# 149

Delta R.T. -0.01 min

Lab File: VY003119.D

Acq: 07 Jul 2020 12:03

Instrument :

MSVOA_Y

ClientSampleId :

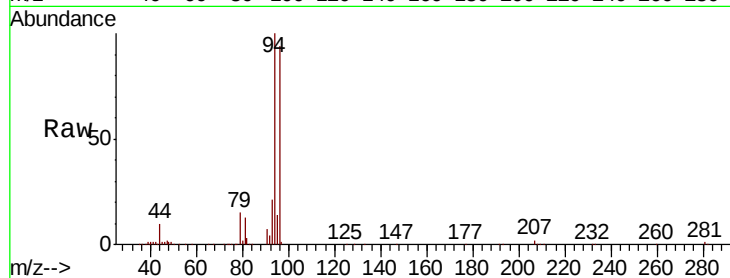
VY0707SBS01

Tot Ion: 94 Resp: 68527

Ion Ratio Lower Upper

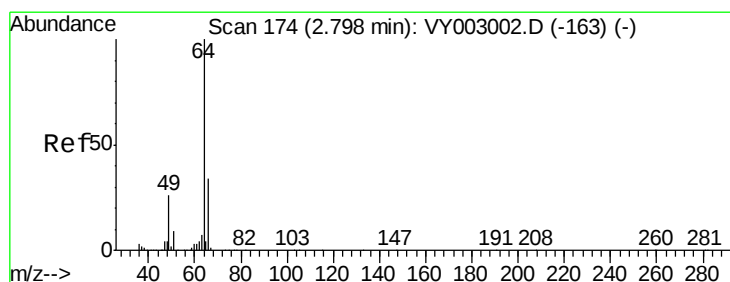
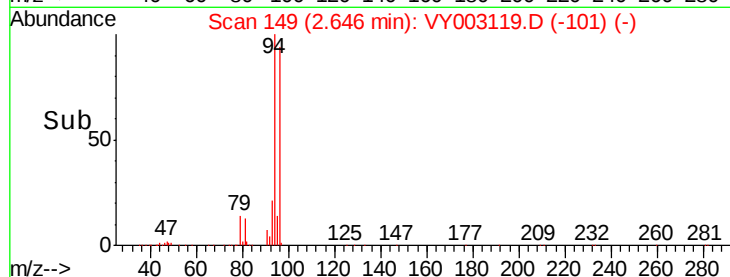
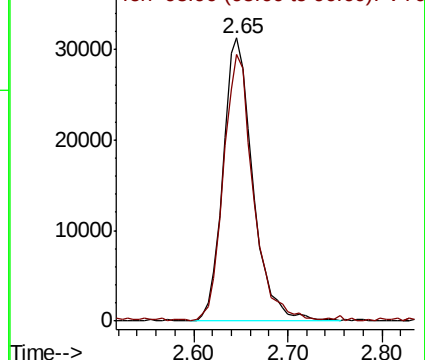
94 100

96 93.8 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: 19.993 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.01 min

Lab File: VY003119.D

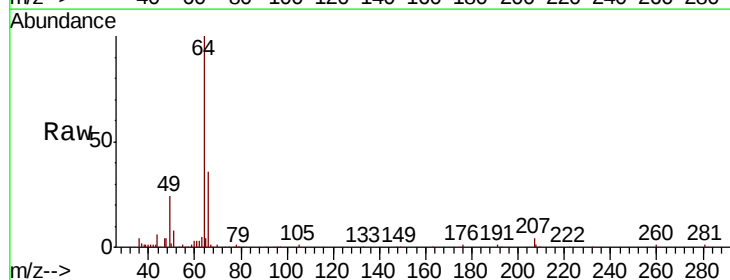
Acq: 07 Jul 2020 12:03

Tgt Ion: 64 Resp: 58956

Ion Ratio Lower Upper

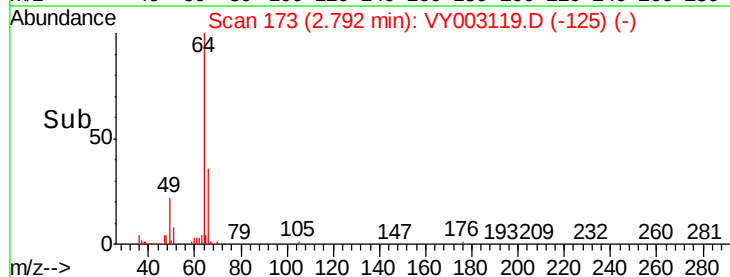
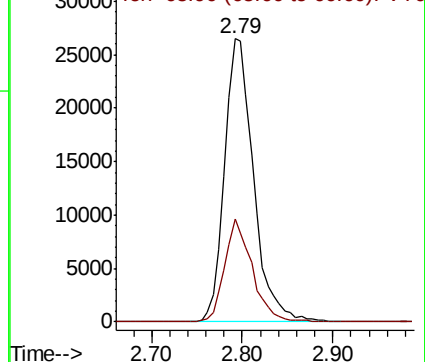
64 100

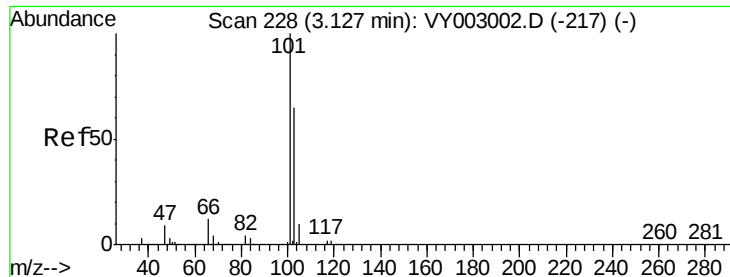
66 36.3 27.0 40.4



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



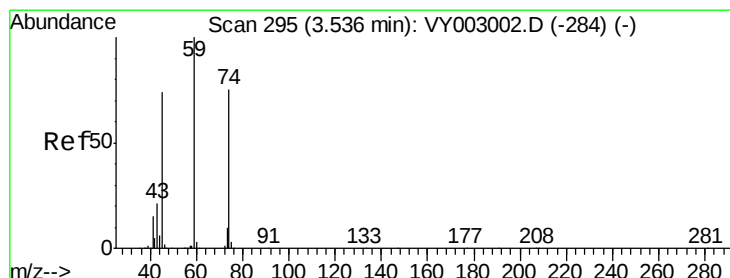
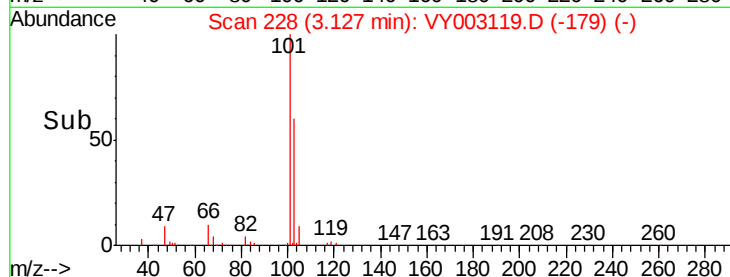
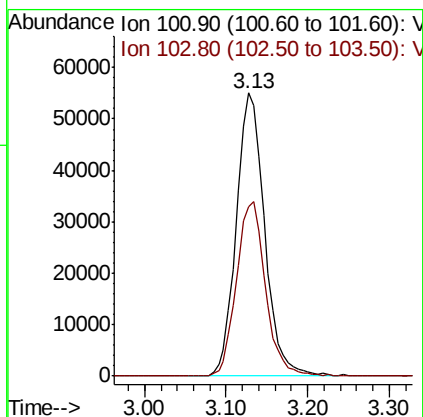
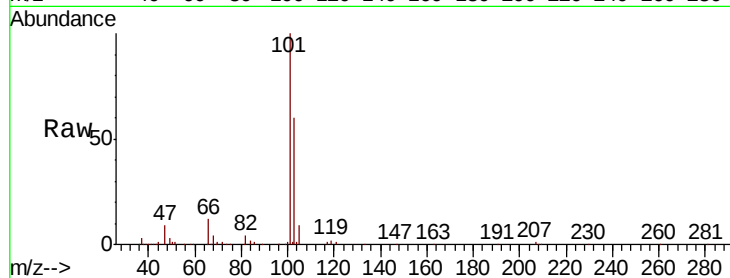


#7

Trichlorofluoromethane
 Concen: 20.254 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. 0.00 min
 Lab File: VY003119.D
 Acq: 07 Jul 2020 12:03

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0707SBS01

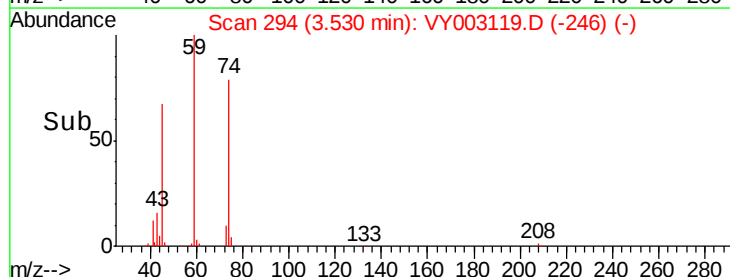
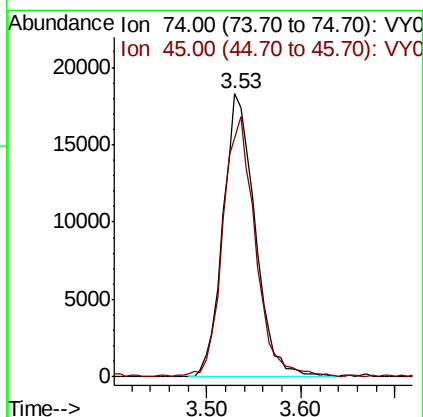
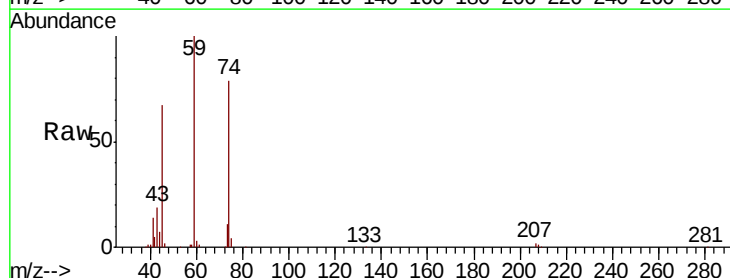
Tot Ion:101 Resp: 132513
 Ion Ratio Lower Upper
 101 100
 103 60.1 51.6 77.4

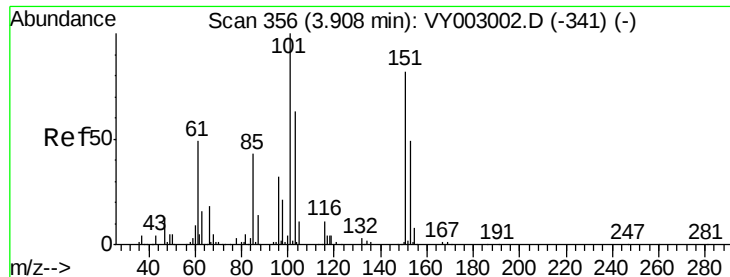


#8

Diethyl Ether
 Concen: 19.299 ug/l
 RT: 3.53 min Scan# 294
 Delta R.T. -0.01 min
 Lab File: VY003119.D
 Acq: 07 Jul 2020 12:03

Tgt Ion: 74 Resp: 43286
 Ion Ratio Lower Upper
 74 100
 45 92.1 49.3 147.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.885 ug/l

RT: 3.91 min Scan# 356

Delta R.T. 0.00 min

Lab File: VY003119.D

Acq: 07 Jul 2020 12:03

Instrument :

MSVOA_Y

ClientSampleId :

VY0707SBS01

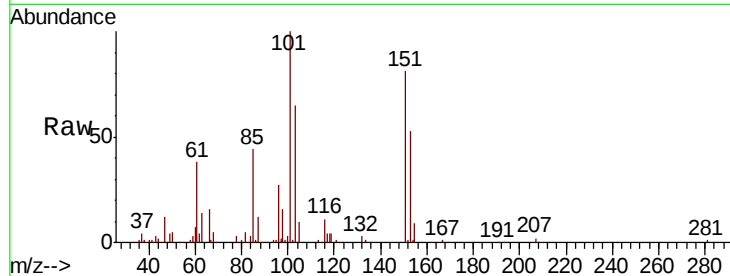
Tot Ion:101 Resp: 81589

Ion Ratio Lower Upper

101 100

85 43.3 35.5 53.3

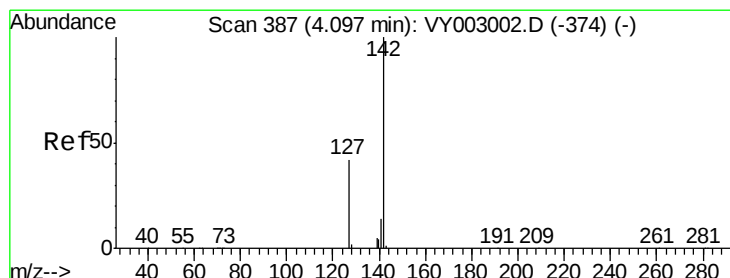
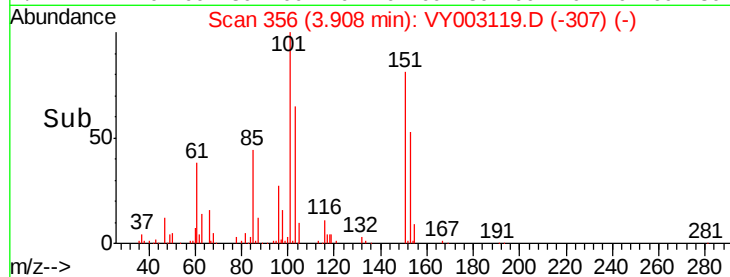
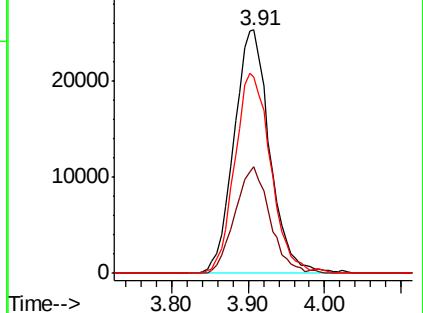
151 83.4 65.5 98.3



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: 19.597 ug/l

RT: 4.10 min Scan# 387

Delta R.T. 0.00 min

Lab File: VY003119.D

Acq: 07 Jul 2020 12:03

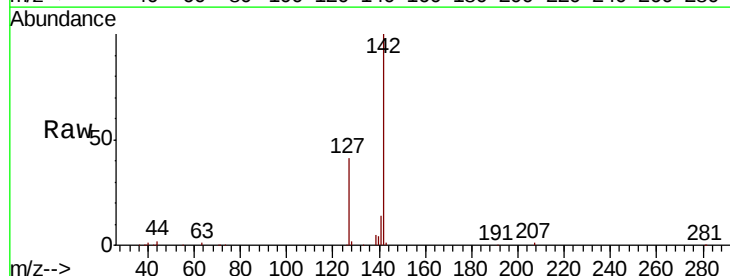
Tgt Ion:142 Resp: 94929

Ion Ratio Lower Upper

142 100

127 41.6 34.2 51.2

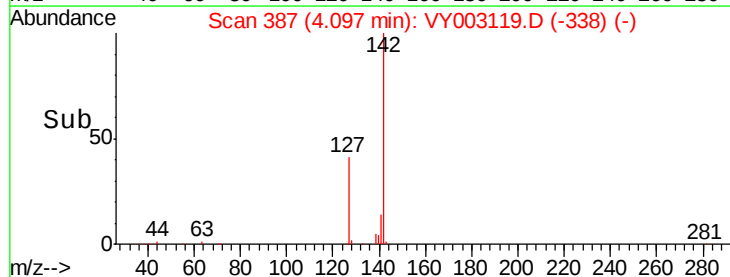
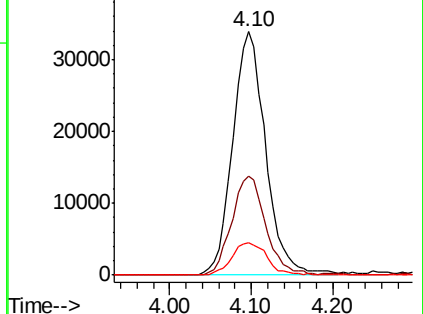
141 14.4 11.7 17.5

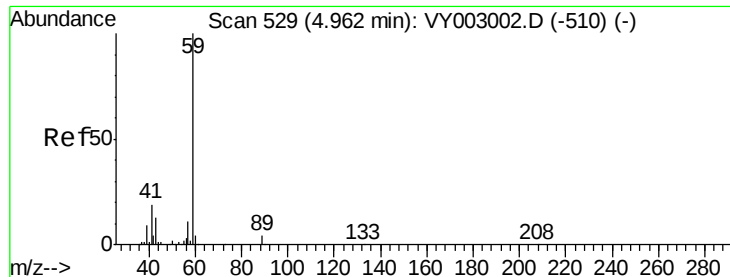


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



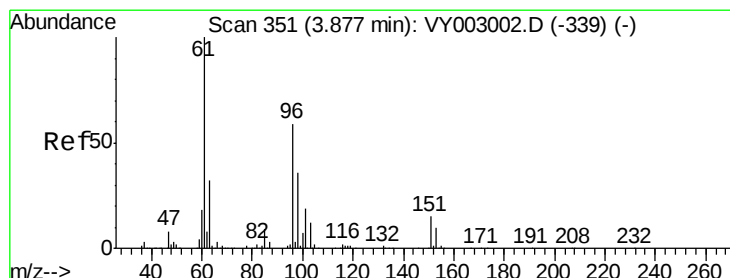
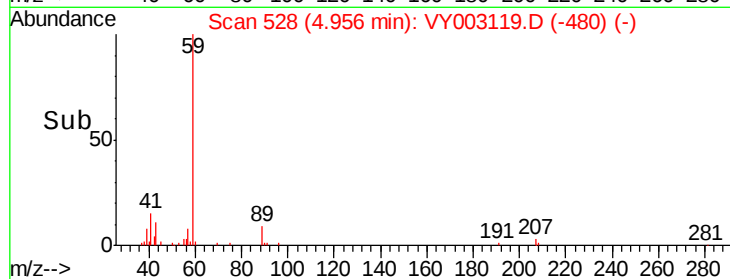
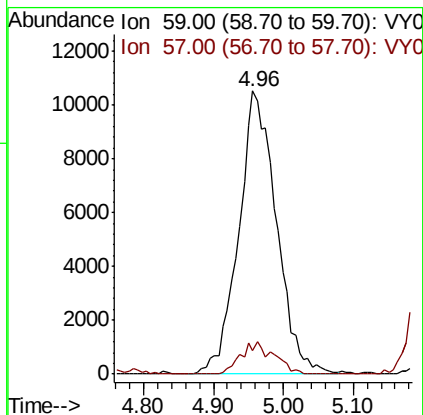
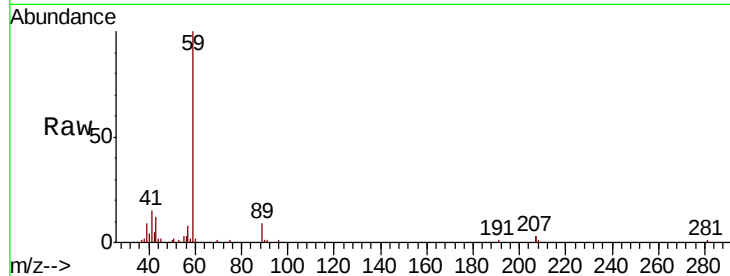


#11

Tert butyl alcohol
 Concen: 90.748 ug/l
 RT: 4.96 min Scan# 528
 Delta R.T. -0.01 min
 Lab File: VY003119.D
 Acq: 07 Jul 2020 12:03

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0707SBS01

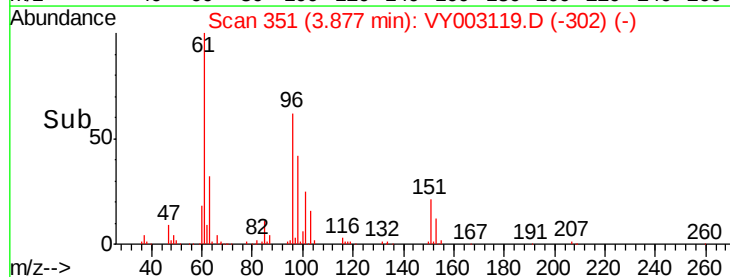
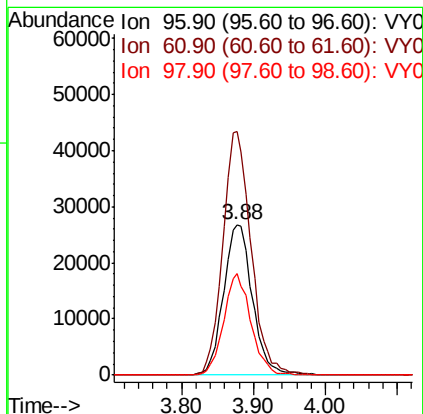
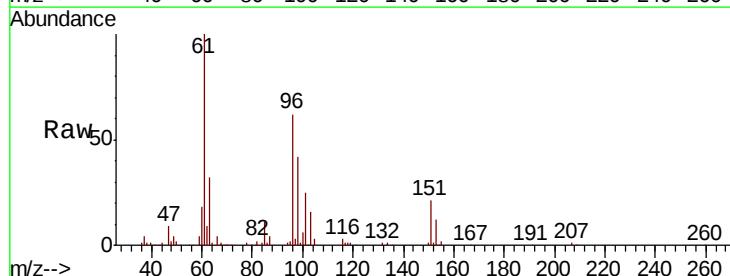
Tot Ion: 59 Resp: 39360
 Ion Ratio Lower Upper
 59 100
 57 10.0 8.0 12.0

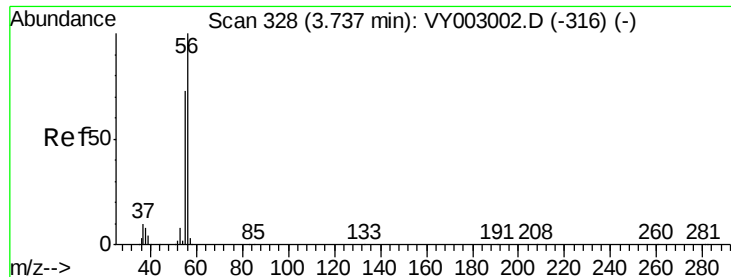


#12

1,1-Dichloroethene
 Concen: 20.042 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. 0.00 min
 Lab File: VY003119.D
 Acq: 07 Jul 2020 12:03

Tgt Ion: 96 Resp: 74497
 Ion Ratio Lower Upper
 96 100
 61 162.0 136.7 205.1
 98 67.7 49.7 74.5





#13

Acrolein

Concen: 79.764 ug/l

RT: 3.74 min Scan# 328

Delta R.T. 0.00 min

Lab File: VY003119.D

Acq: 07 Jul 2020 12:03

Instrument :

MSVOA_Y

ClientSampleId :

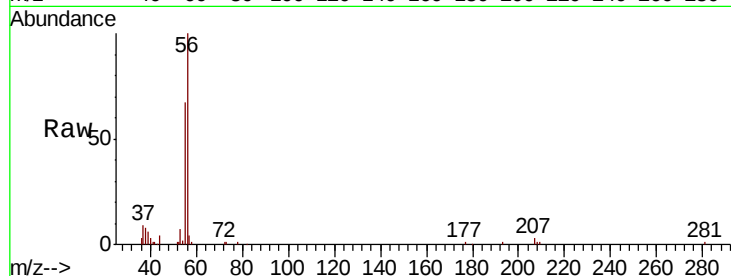
VY0707SBS01

Tot Ion: 56 Resp: 31072

Ion Ratio Lower Upper

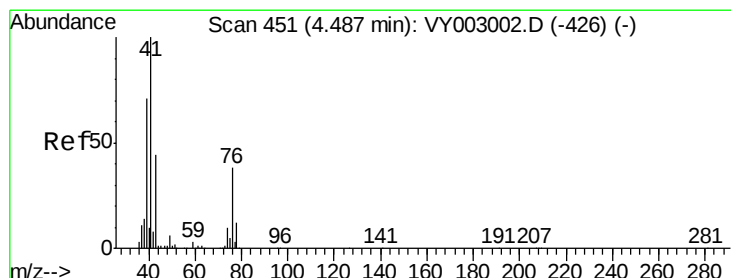
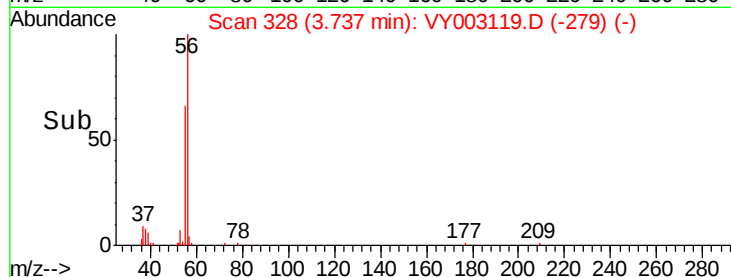
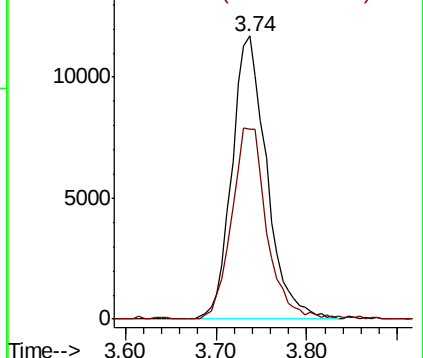
56 100

55 68.1 56.4 84.6



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0



#14

Allyl chloride

Concen: 17.526 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.00 min

Lab File: VY003119.D

Acq: 07 Jul 2020 12:03

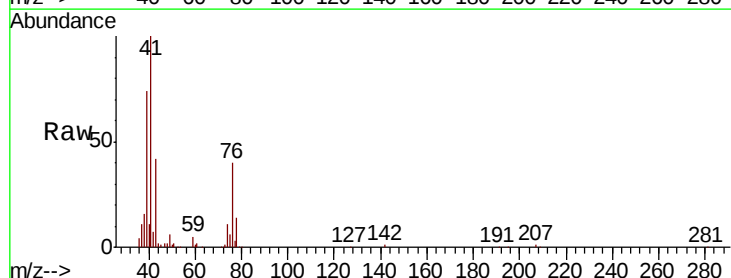
Tgt Ion: 41 Resp: 113737

Ion Ratio Lower Upper

41 100

39 70.5 55.6 83.4

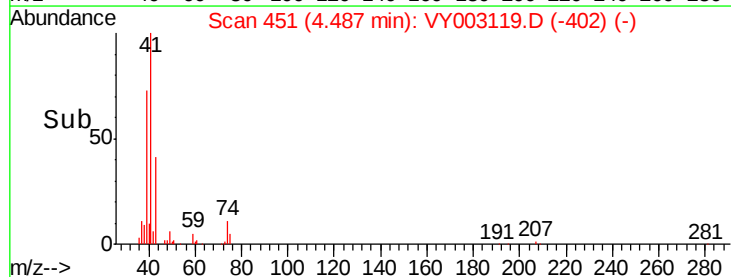
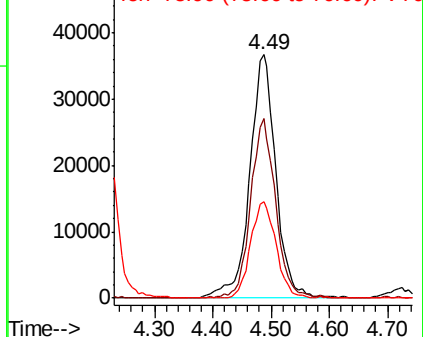
76 38.8 28.6 43.0

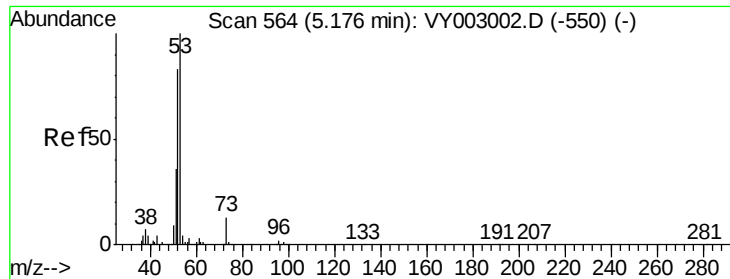


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0

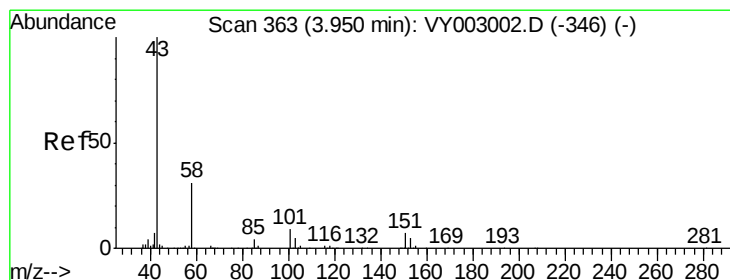
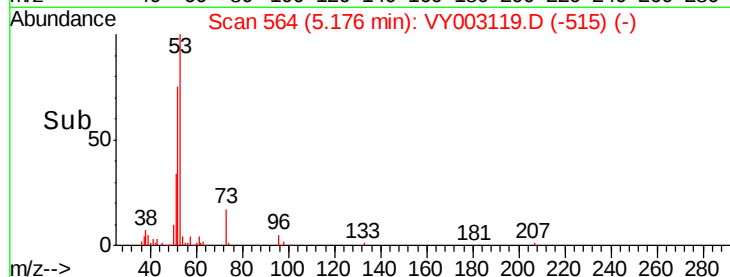
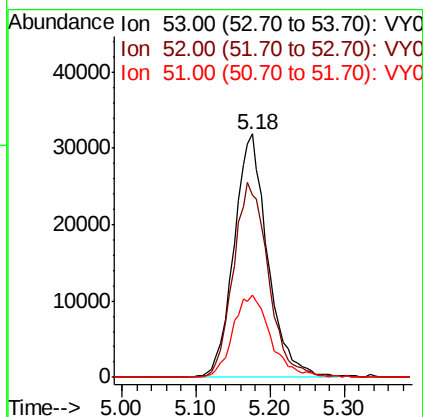
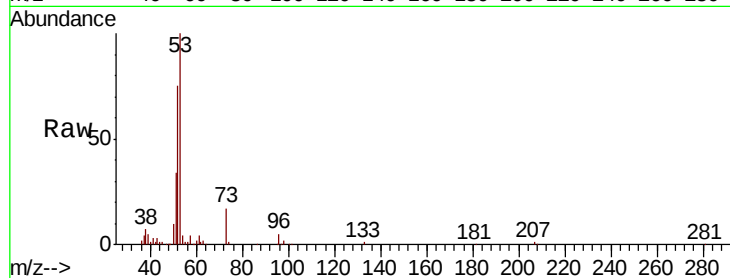




#15
 Acrylonitrile
 Concen: 87.373 ug/l
 RT: 5.18 min Scan# 564
 Delta R.T. 0.00 min
 Lab File: VY003119.D
 Acq: 07 Jul 2020 12:03

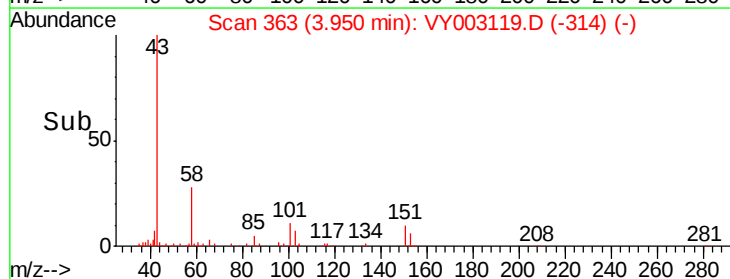
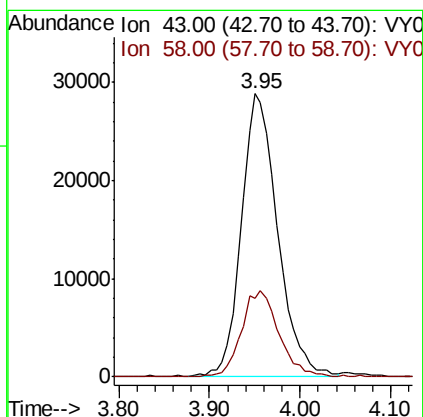
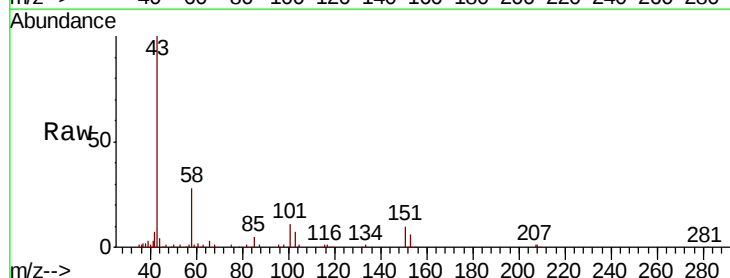
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0707SBS01

Tot Ion	53	Resp	101000
Ion	Ratio	Lower	Upper
53	100		
52	83.8	66.2	99.2
51	37.9	29.5	44.3



#16
 Acetone
 Concen: 78.816 ug/l
 RT: 3.95 min Scan# 363
 Delta R.T. 0.00 min
 Lab File: VY003119.D
 Acq: 07 Jul 2020 12:03

Tgt Ion	43	Resp	79111
Ion	Ratio	Lower	Upper
43	100		
58	27.9	24.7	37.1





#17

Carbon Disulfide

Concen: 18.814 ug/l

RT: 4.20 min Scan# 404

Delta R.T. 0.00 min

Lab File: VY003119.D

Acq: 07 Jul 2020 12:03

Instrument :

MSVOA_Y

ClientSampleId :

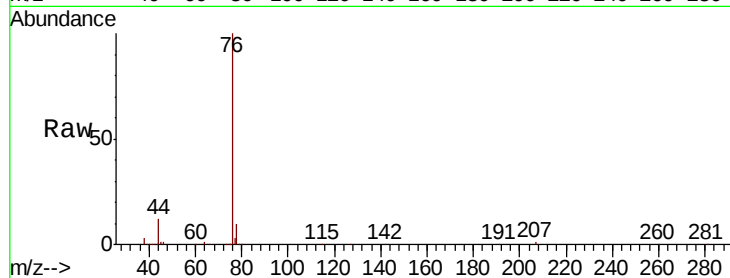
VY0707SBS01

Tot Ion: 76 Resp: 223429

Ion Ratio Lower Upper

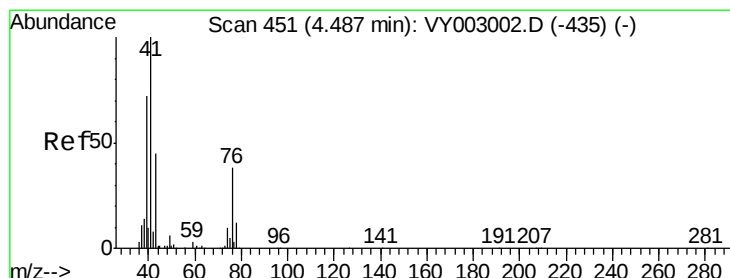
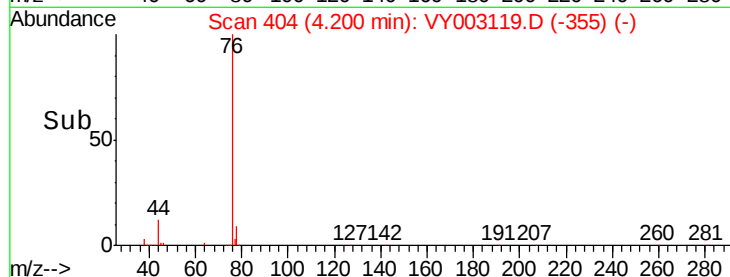
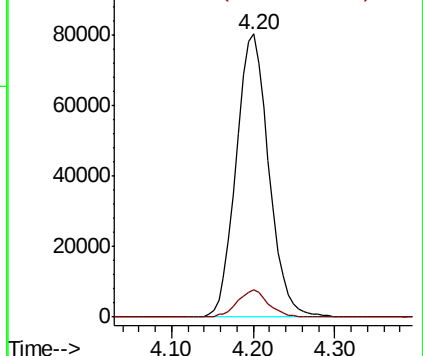
76 100

78 9.6 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 17.492 ug/l

RT: 4.48 min Scan# 450

Delta R.T. -0.01 min

Lab File: VY003119.D

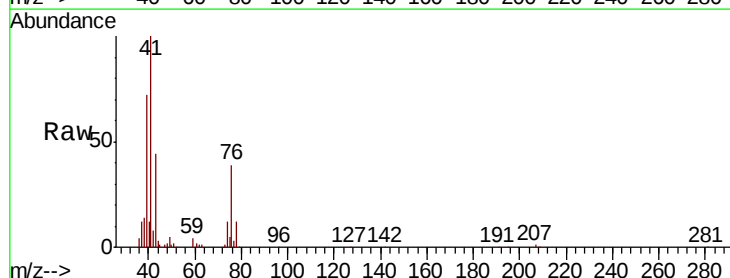
Acq: 07 Jul 2020 12:03

Tgt Ion: 43 Resp: 47302

Ion Ratio Lower Upper

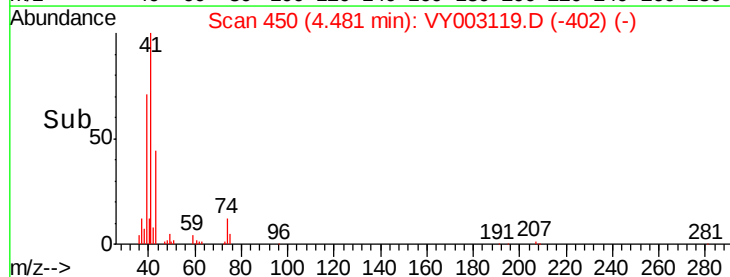
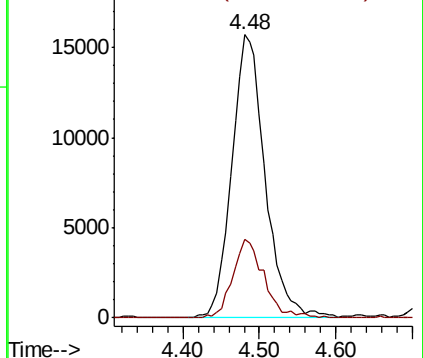
43 100

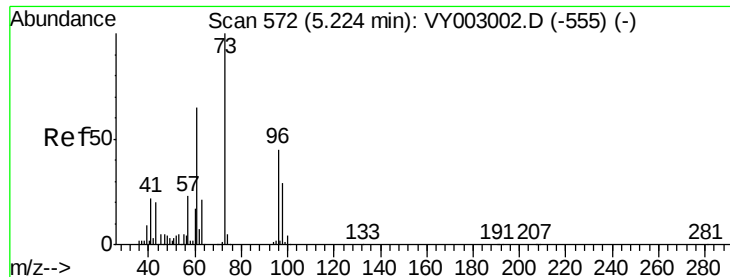
74 25.9 18.2 27.4



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0



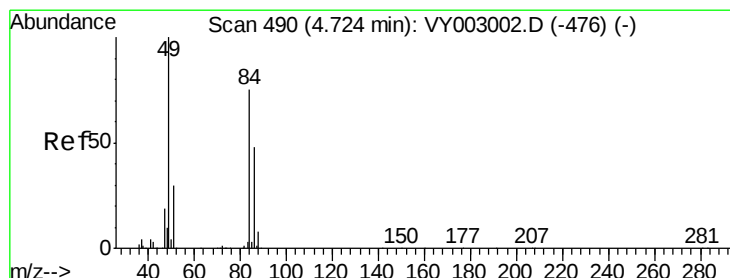
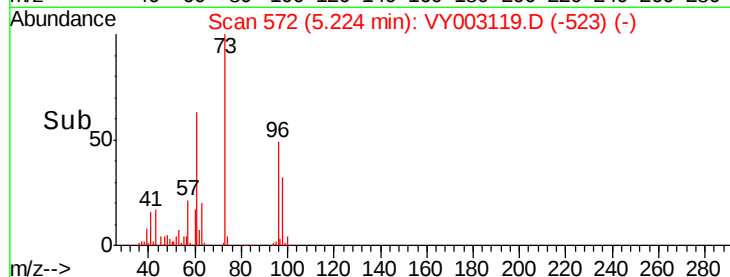
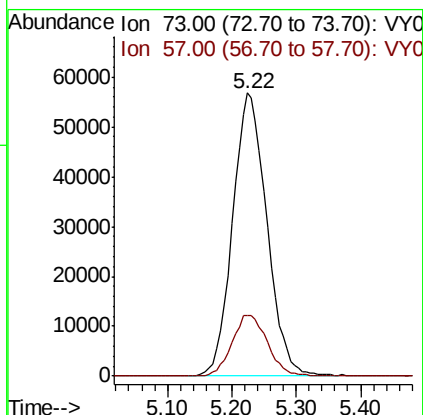
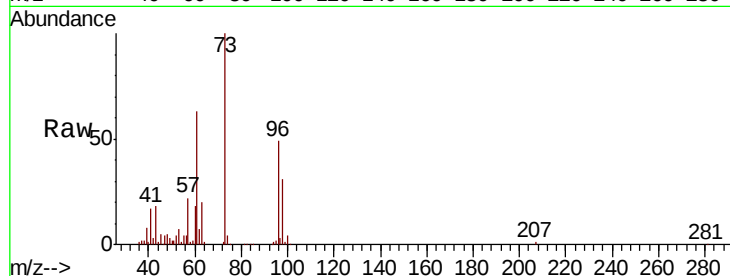


#19

Methyl tert-butyl Ether
 Concen: 19.288 ug/l
 RT: 5.22 min Scan# 572
 Delta R.T. 0.00 min
 Lab File: VY003119.D
 Acq: 07 Jul 2020 12:03

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0707SBS01

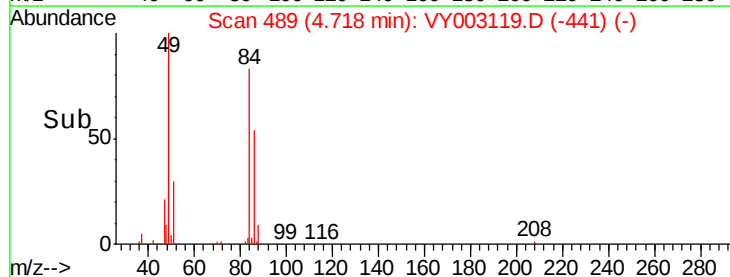
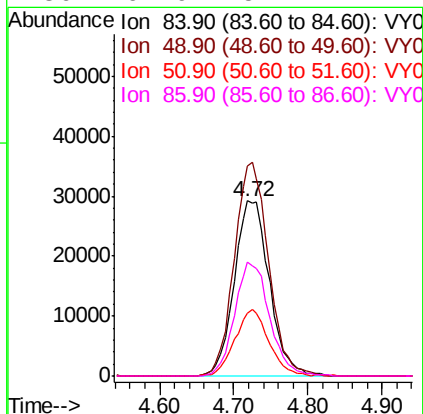
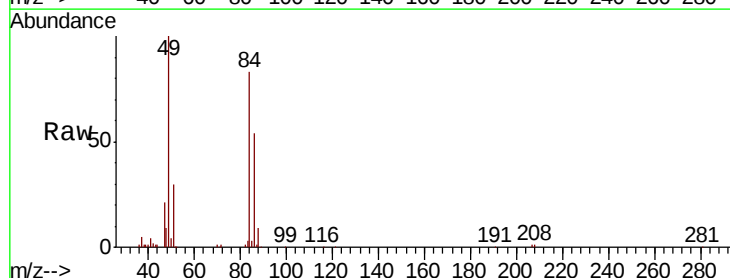
Tot Ion: 73 Resp: 208975
 Ion Ratio Lower Upper
 73 100
 57 21.7 18.2 27.2

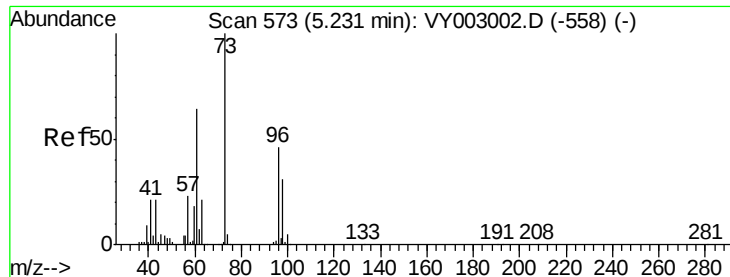


#20

Methylene Chloride
 Concen: 16.917 ug/l
 RT: 4.72 min Scan# 489
 Delta R.T. -0.01 min
 Lab File: VY003119.D
 Acq: 07 Jul 2020 12:03

Tgt Ion: 84 Resp: 96432
 Ion Ratio Lower Upper
 84 100
 49 120.1 106.8 160.2
 51 35.9 32.0 48.0
 86 64.9 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 20.395 ug/l

RT: 5.22 min Scan# 572

Delta R.T. -0.01 min

Lab File: VY003119.D

Acq: 07 Jul 2020 12:03

Instrument :

MSVOA_Y

ClientSampleId :

VY0707SBS01

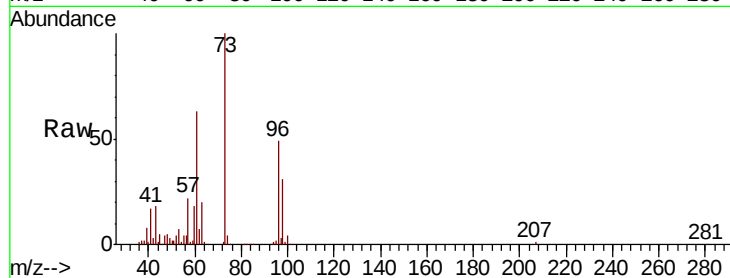
Tot Ion: 96 Resp: 85749

Ion Ratio Lower Upper

96 100

61 127.8 112.3 168.5

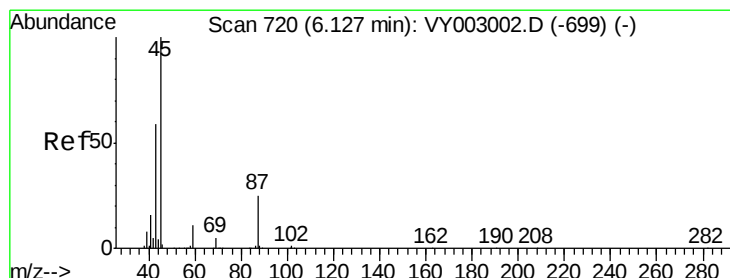
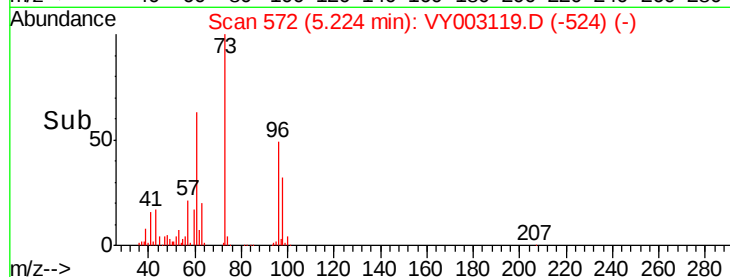
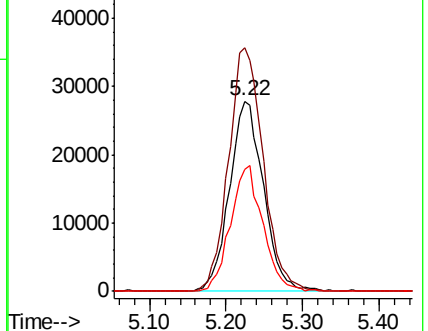
98 64.2 53.8 80.8



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: 18.095 ug/l

RT: 6.13 min Scan# 720

Delta R.T. 0.00 min

Lab File: VY003119.D

Acq: 07 Jul 2020 12:03

Tgt Ion: 45 Resp: 251693

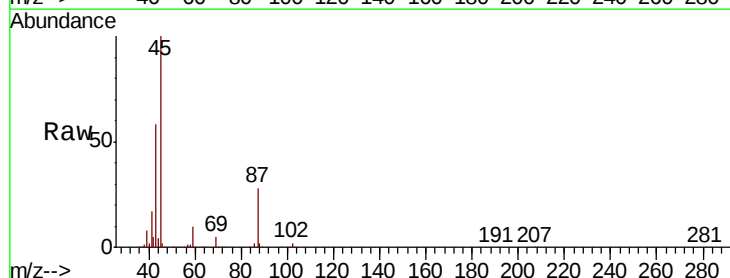
Ion Ratio Lower Upper

45 100

43 57.3 47.4 71.2

87 28.3 20.2 30.2

59 10.4 9.2 13.8

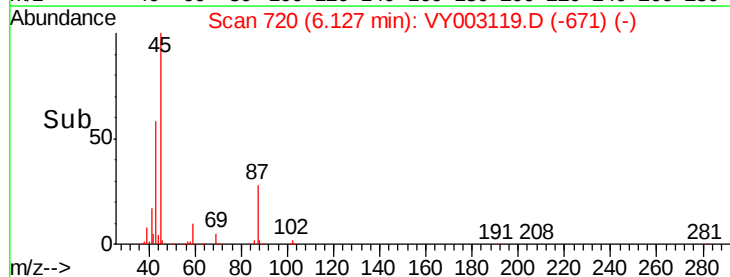
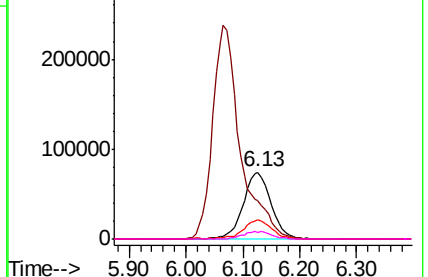


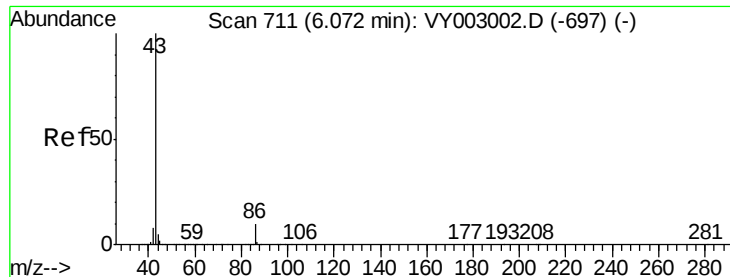
Abundance Ion 45.00 (44.70 to 45.70): VY0

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: 86.577 ug/l

RT: 6.07 min Scan# 710

Delta R.T. -0.01 min

Lab File: VY003119.D

Acq: 07 Jul 2020 12:03

Instrument :

MSVOA_Y

ClientSampleId :

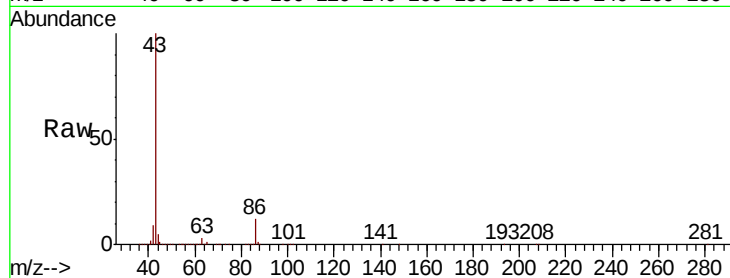
VY0707SBS01

Tot Ion: 43 Resp: 805110

Ion Ratio Lower Upper

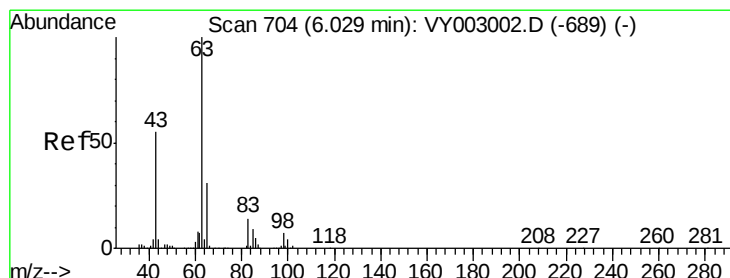
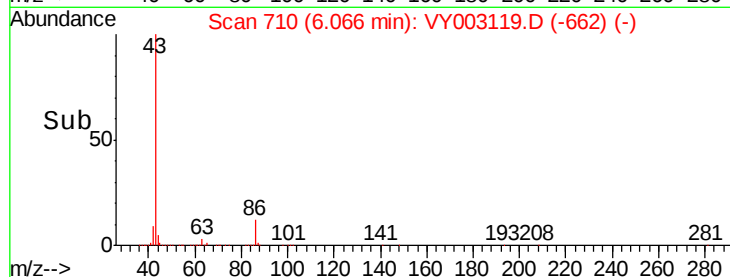
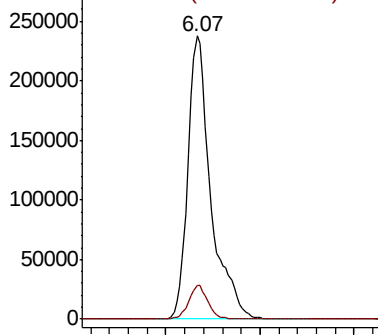
43 100

86 11.7 8.1 12.1



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 19.404 ug/l

RT: 6.03 min Scan# 704

Delta R.T. 0.00 min

Lab File: VY003119.D

Acq: 07 Jul 2020 12:03

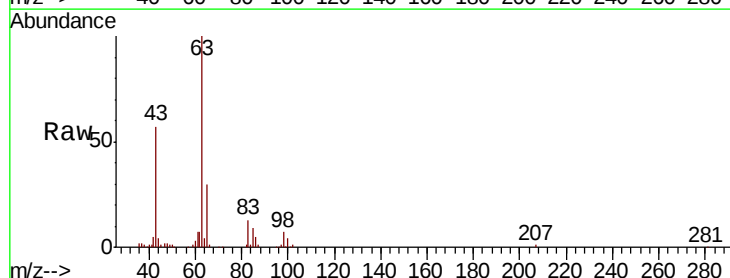
Tgt Ion: 63 Resp: 147434

Ion Ratio Lower Upper

63 100

98 6.8 3.4 10.1

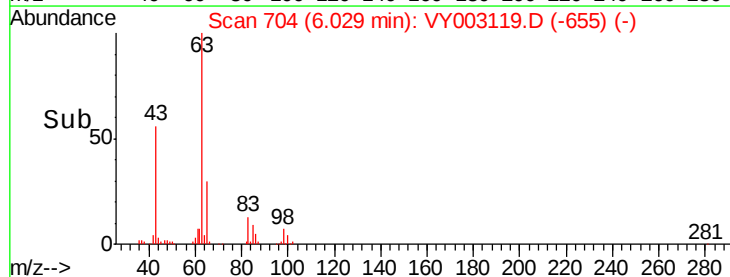
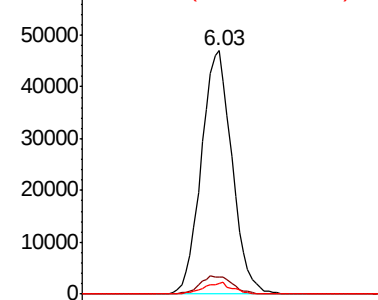
100 4.3 2.3 6.8



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0

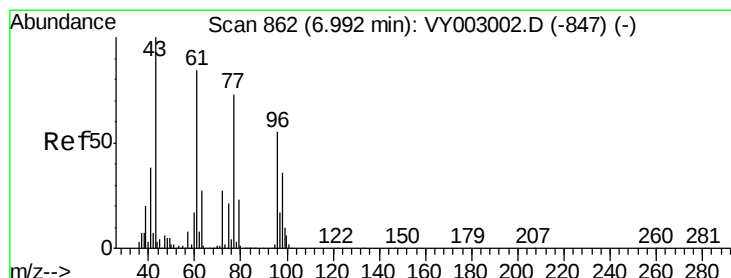
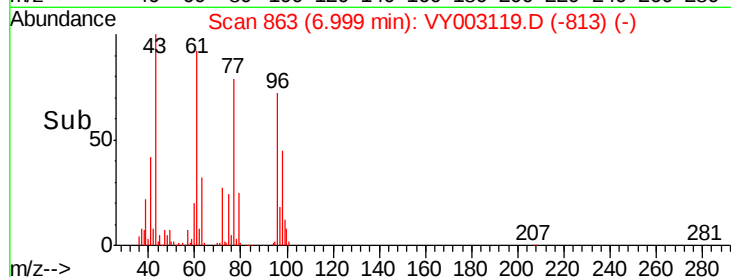
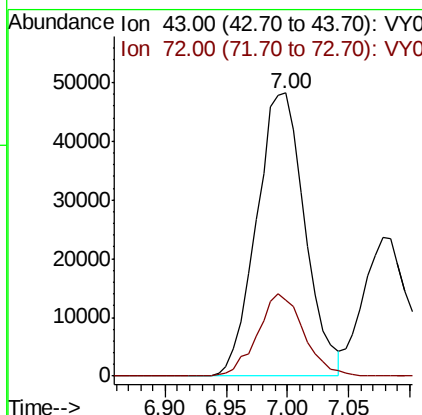
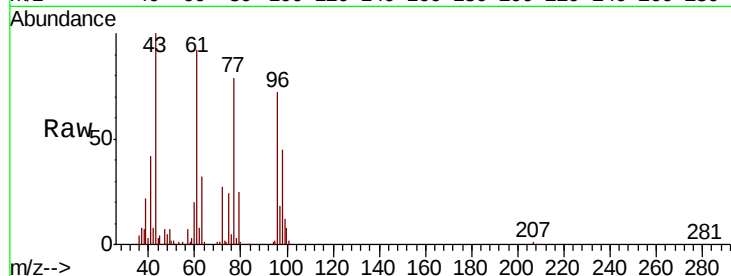




#25
2-Butanone
Concen: 83.446 ug/l
RT: 7.00 min Scan# 863
Delta R.T. 0.01 min
Lab File: VY003119.D
Acq: 07 Jul 2020 12:03

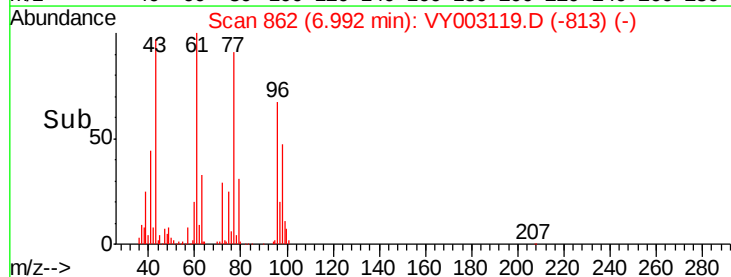
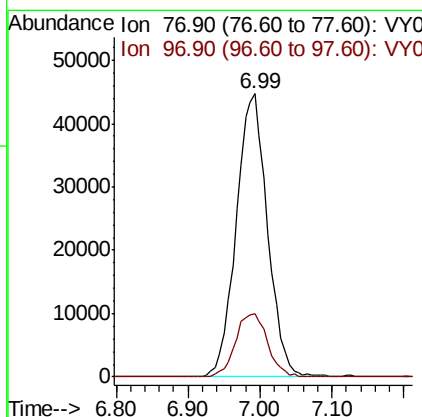
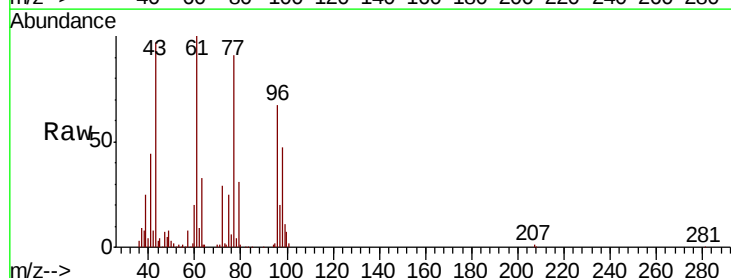
Instrument :
MSVOA_Y
ClientSampleId :
VY0707SBS01

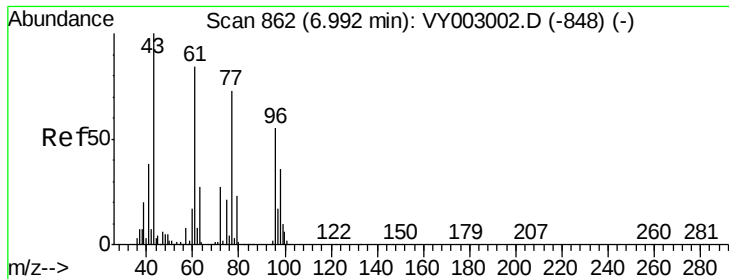
Tot Ion: 43 Resp: 133052
Ion Ratio Lower Upper
43 100
72 26.8 21.4 32.0



#26
2,2-Dichloropropane
Concen: 19.500 ug/l
RT: 6.99 min Scan# 862
Delta R.T. 0.00 min
Lab File: VY003119.D
Acq: 07 Jul 2020 12:03

Tgt Ion: 77 Resp: 134614
Ion Ratio Lower Upper
77 100
97 22.9 11.3 33.9



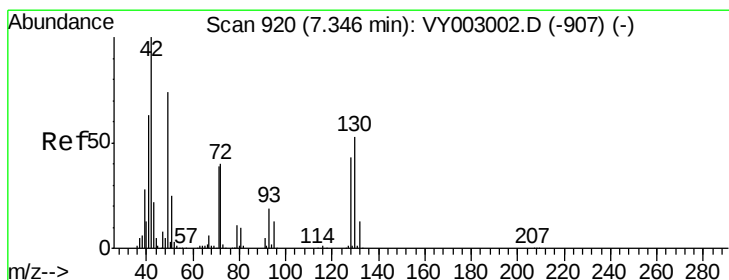
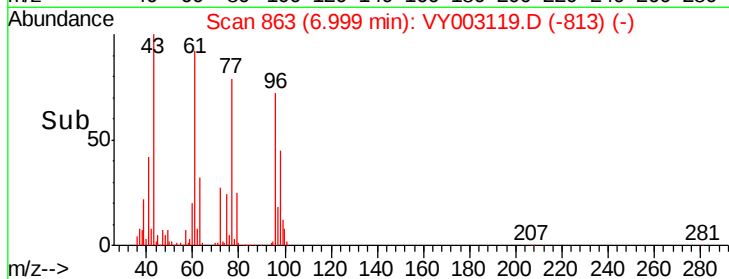
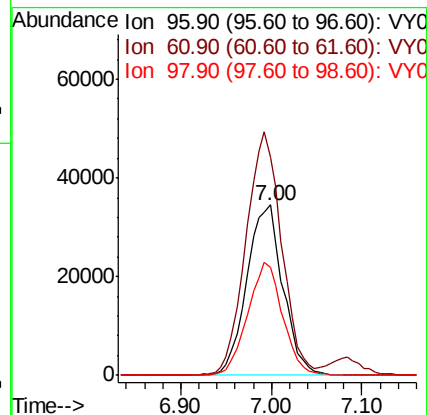
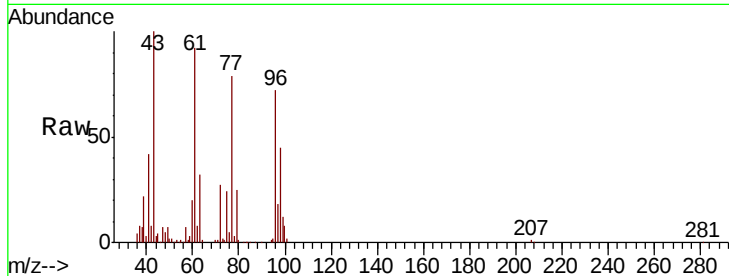


#27

cis-1,2-Dichloroethene
Concen: 20.172 ug/l
RT: 7.00 min Scan# 863
Delta R.T. 0.01 min
Lab File: VY003119.D
Acq: 07 Jul 2020 12:03

Instrument :
MSVOA_Y
ClientSampleId :
VY0707SBS01

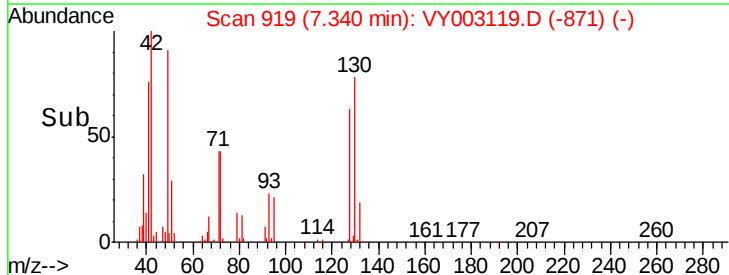
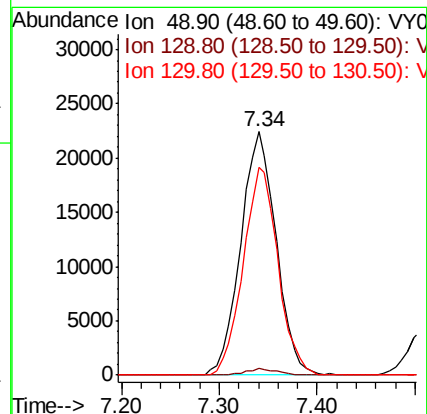
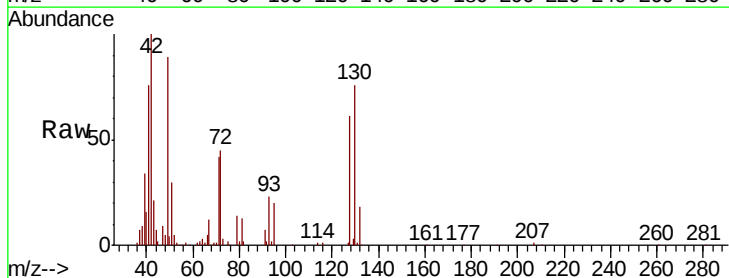
Tot Ion	Ratio	Lower	Upper
96	100		
61	141.3	0.0	301.2
98	64.1	0.0	129.0

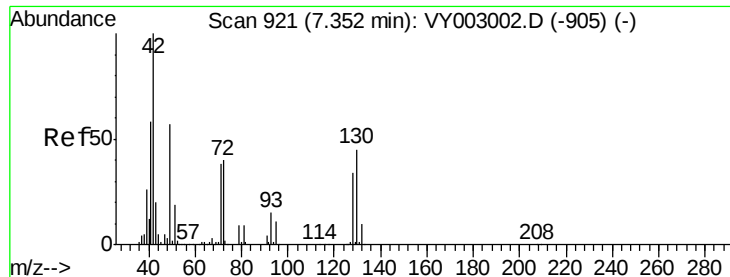


#28

Bromochloromethane
Concen: 16.691 ug/l
RT: 7.34 min Scan# 919
Delta R.T. -0.01 min
Lab File: VY003119.D
Acq: 07 Jul 2020 12:03

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	4.4
130	83.6	57.0	85.6





#29

Tetrahydrofuran

Concen: 83.862 ug/l

RT: 7.35 min Scan# 921

Delta R.T. 0.00 min

Lab File: VY003119.D

Acq: 07 Jul 2020 12:03

Instrument :

MSVOA_Y

ClientSampleId :

VY0707SBS01

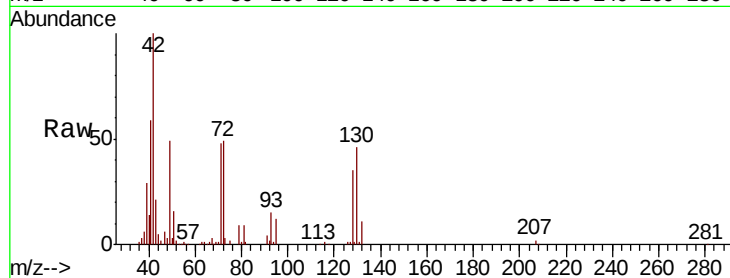
Tot Ion: 42 Resp: 88921

Ion Ratio Lower Upper

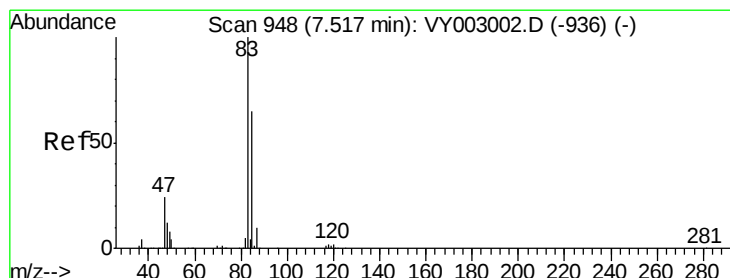
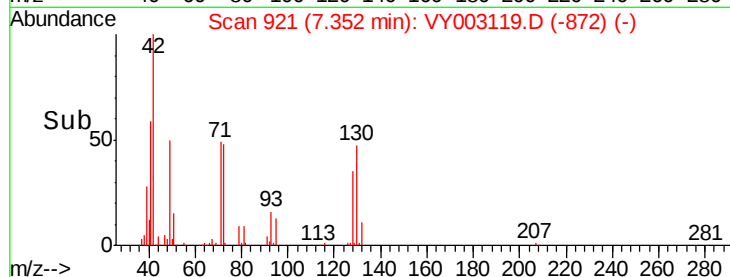
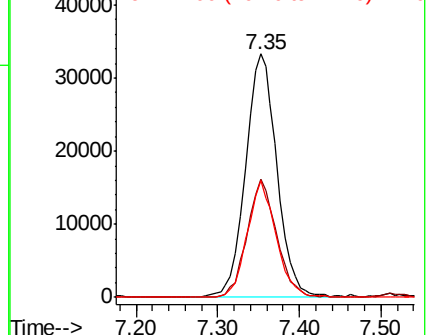
42 100

72 45.9 32.9 49.3

71 44.2 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: 20.109 ug/l

RT: 7.51 min Scan# 947

Delta R.T. -0.01 min

Lab File: VY003119.D

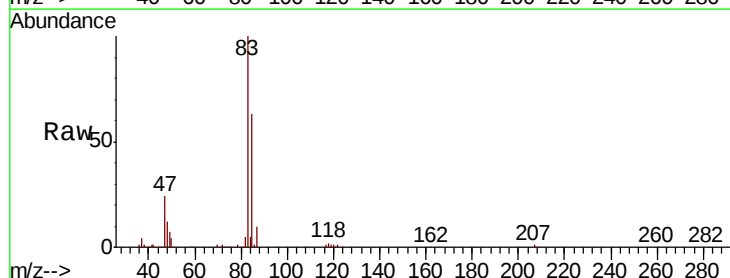
Acq: 07 Jul 2020 12:03

Tgt Ion: 83 Resp: 151364

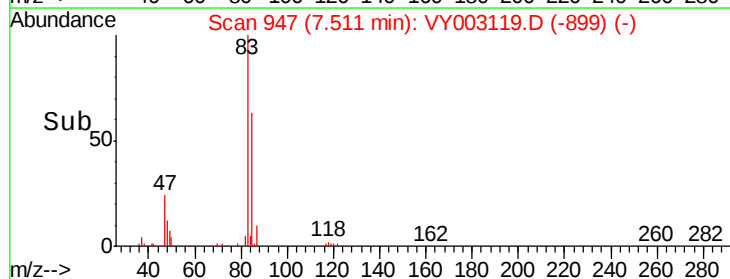
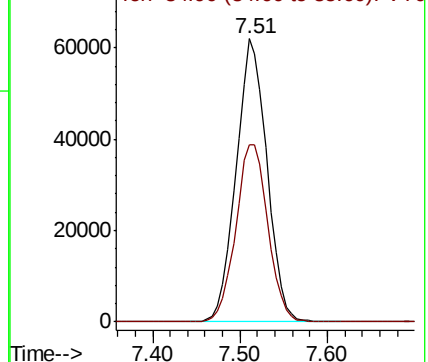
Ion Ratio Lower Upper

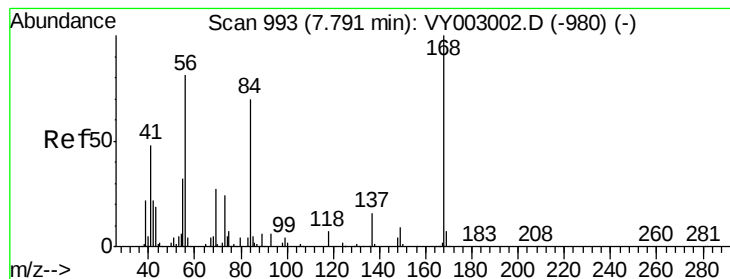
83 100

85 62.7 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: 18.129 ug/l

RT: 7.79 min Scan# 993

Delta R.T. 0.00 min

Lab File: VY003119.D

Acq: 07 Jul 2020 12:03

Instrument :

MSVOA_Y

ClientSampleId :

VY0707SBS01

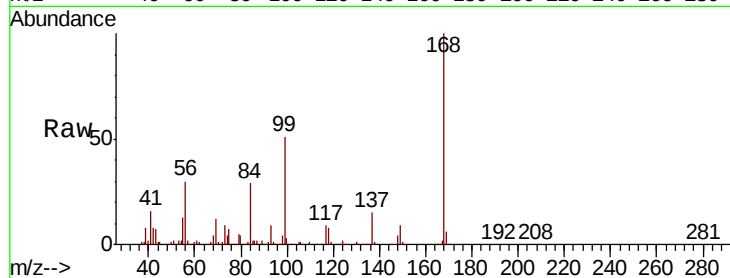
Tot Ion: 56 Resp: 135699

Ion Ratio Lower Upper

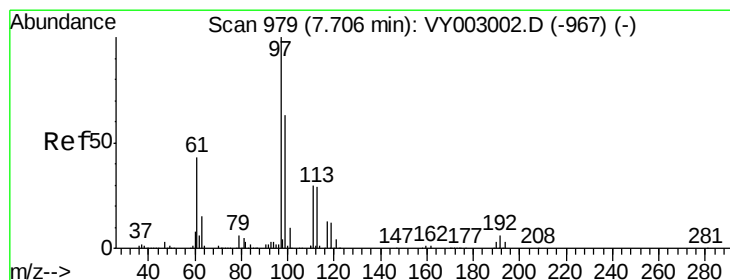
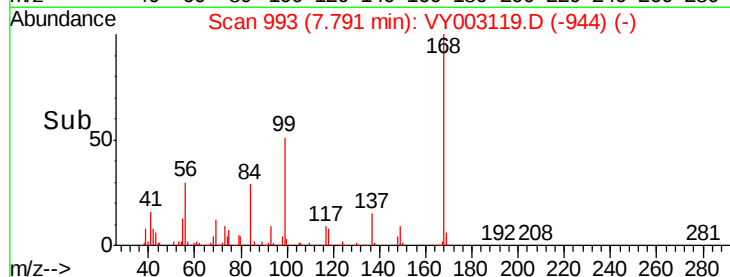
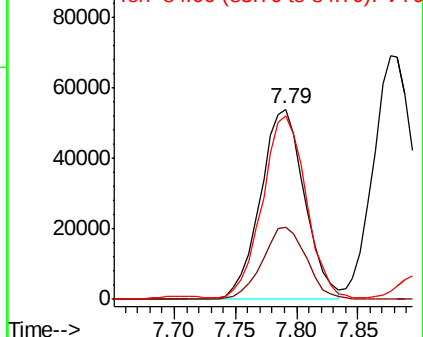
56 100

69 38.2 27.0 40.4

84 95.4 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: 19.861 ug/l

RT: 7.71 min Scan# 979

Delta R.T. 0.00 min

Lab File: VY003119.D

Acq: 07 Jul 2020 12:03

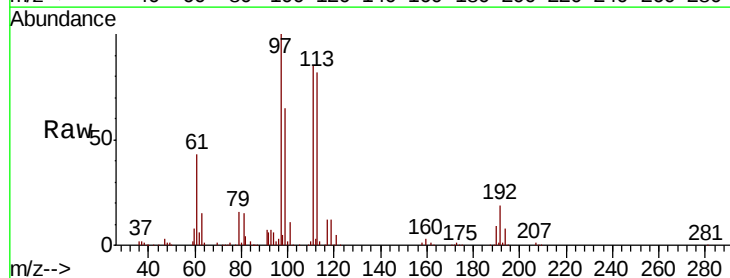
Tgt Ion: 97 Resp: 136464

Ion Ratio Lower Upper

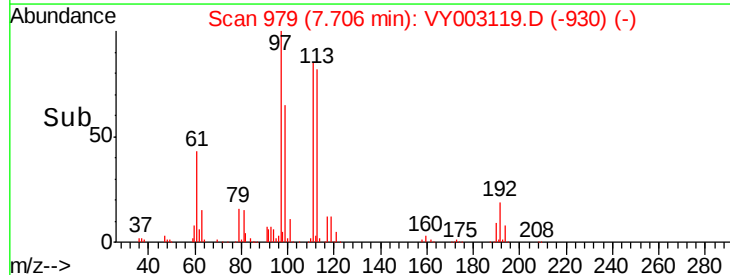
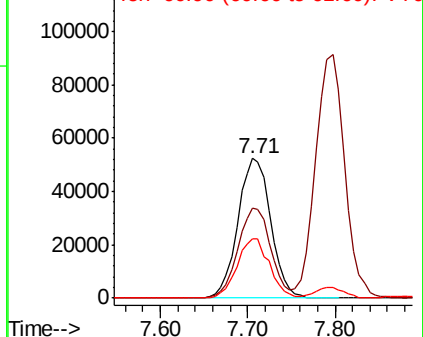
97 100

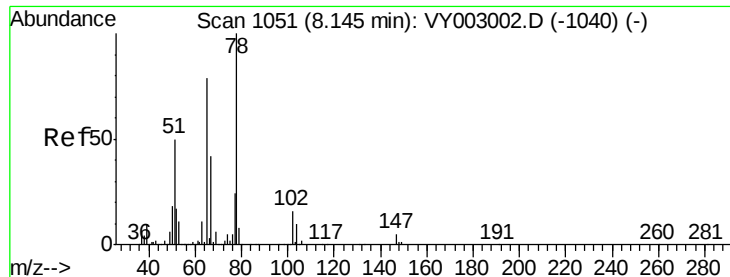
99 64.5 51.4 77.2

61 42.2 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: 48.544 ug/l

RT: 8.14 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VY003119.D

Acq: 07 Jul 2020 12:03

Instrument :

MSVOA_Y

ClientSampleId :

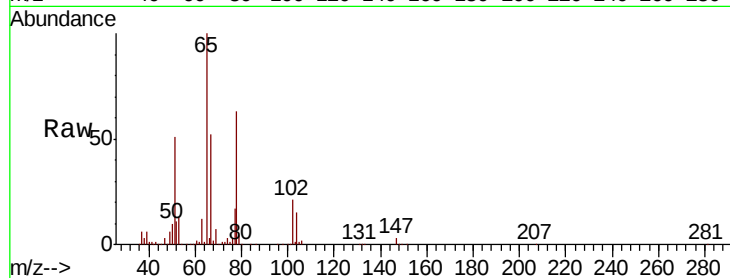
VY0707SBS01

Tot Ion: 65 Resp: 206600

Ion Ratio Lower Upper

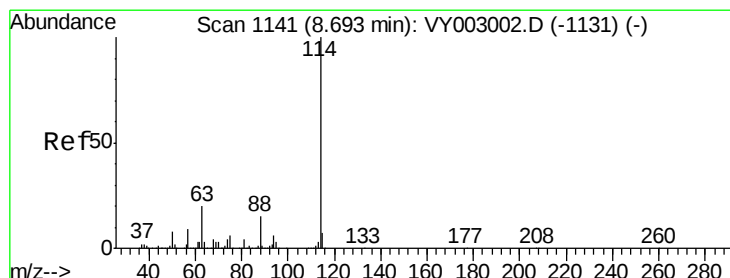
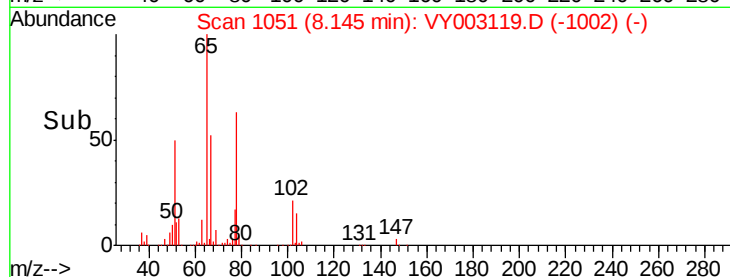
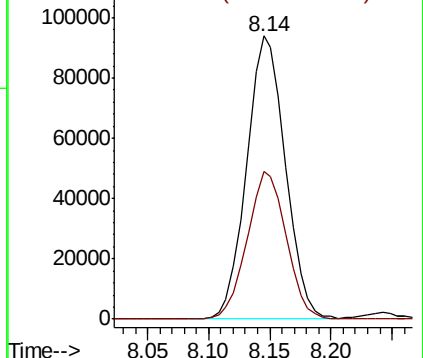
65 100

67 52.8 0.0 105.6



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. 0.00 min

Lab File: VY003119.D

Acq: 07 Jul 2020 12:03

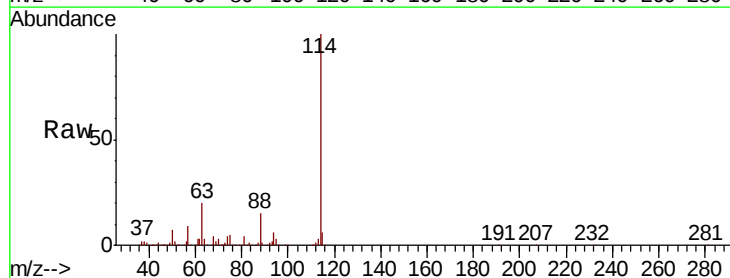
Tgt Ion: 114 Resp: 618963

Ion Ratio Lower Upper

114 100

63 19.7 0.0 40.6

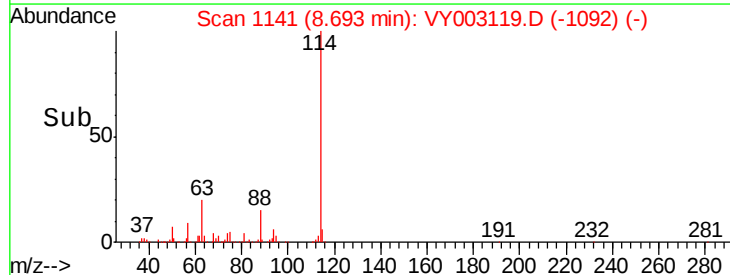
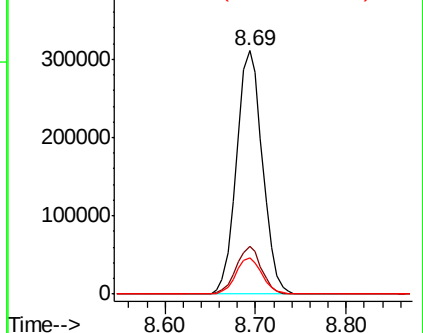
88 14.9 0.0 30.0

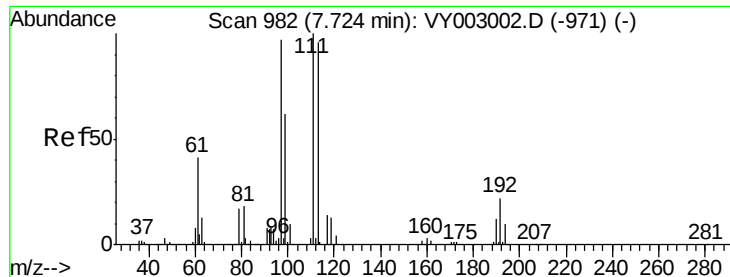


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0

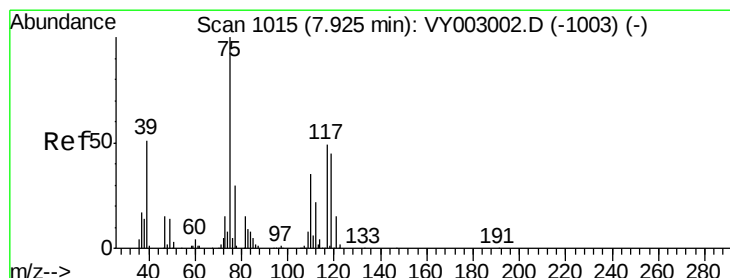
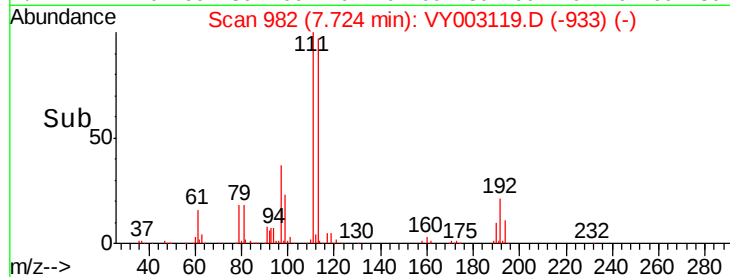
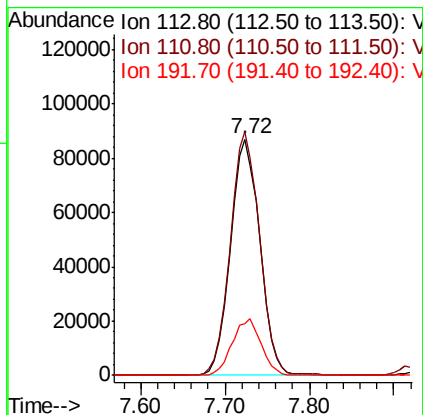
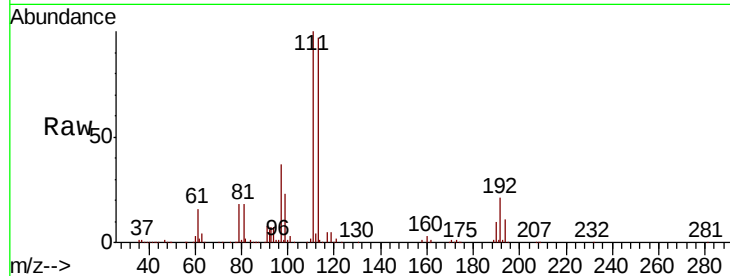




#35
 Dibromofluoromethane
 Concen: 53.103 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VY003119.D
 Acq: 07 Jul 2020 12:03

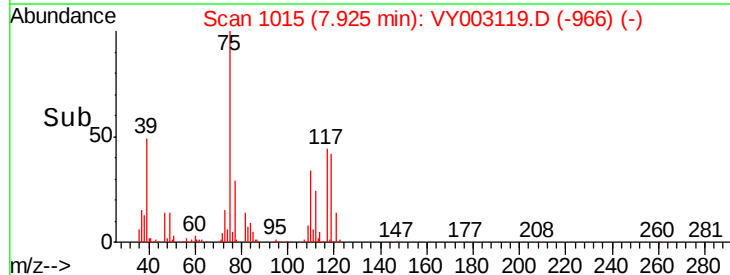
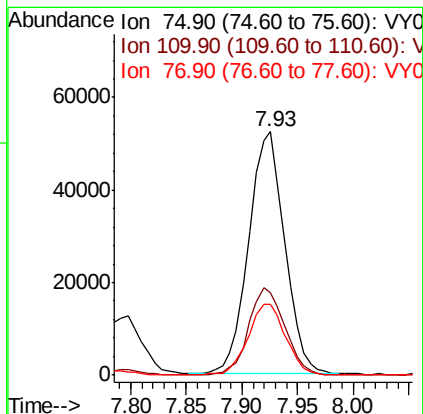
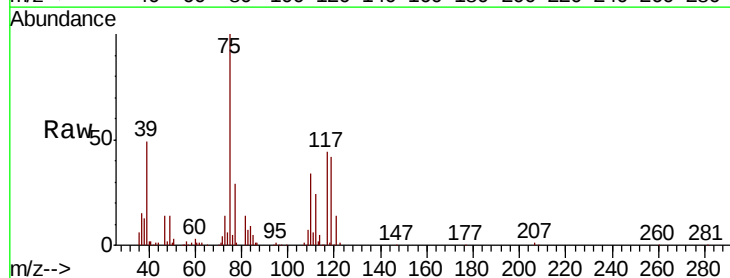
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0707SBS01

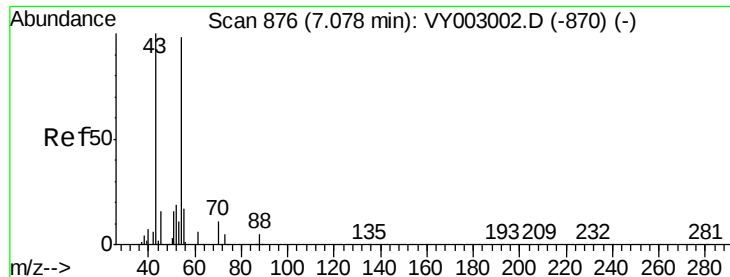
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.6	123.8
192	23.6	18.1	27.1



#36
 1,1-Dichloropropene
 Concen: 19.862 ug/l
 RT: 7.93 min Scan# 1015
 Delta R.T. 0.00 min
 Lab File: VY003119.D
 Acq: 07 Jul 2020 12:03

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.9	17.1	51.2
77	30.9	24.9	37.3

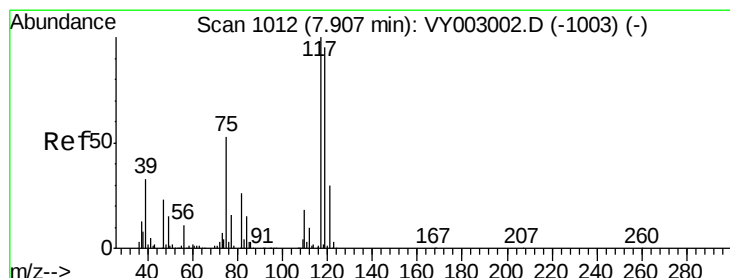
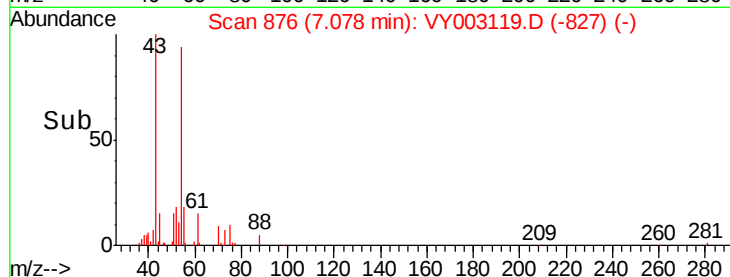
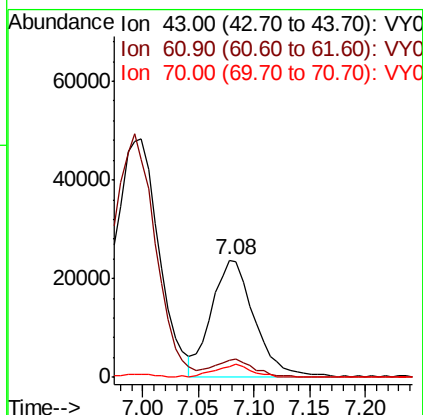
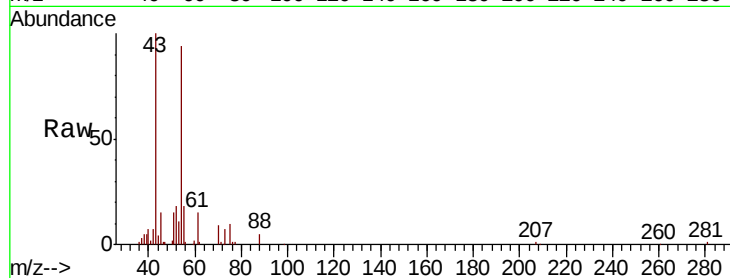




#37
Ethyl Acetate
Concen: 17.513 ug/l
RT: 7.08 min Scan# 876
Delta R.T. 0.00 min
Lab File: VY003119.D
Acq: 07 Jul 2020 12:03

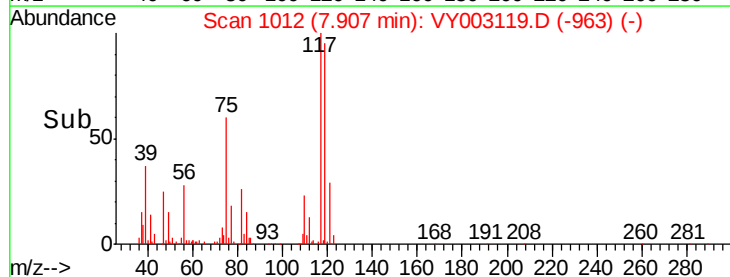
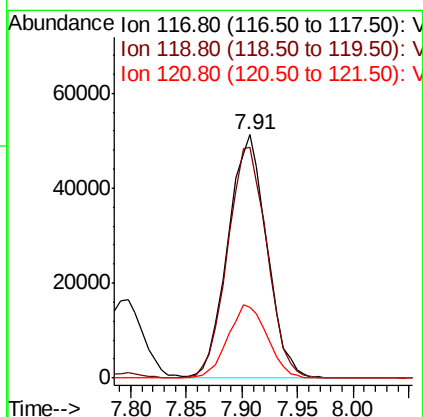
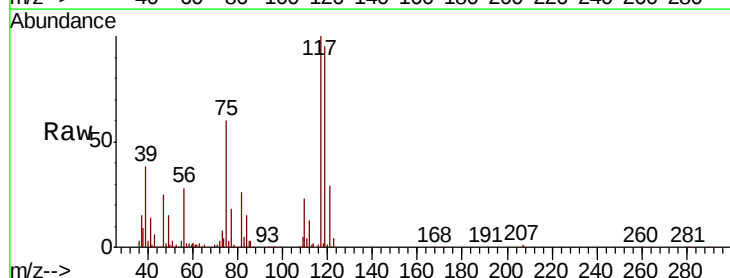
Instrument :
MSVOA_Y
ClientSampleId :
VY0707SBS01

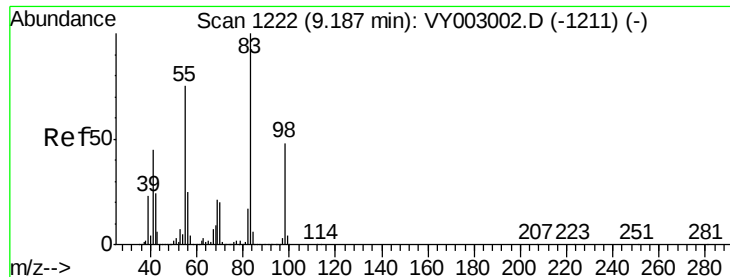
Tot Ion: 43 Resp: 62780
Ion Ratio Lower Upper
43 100
61 14.1 10.4 15.6
70 9.8 7.7 11.5



#38
Carbon Tetrachloride
Concen: 19.986 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VY003119.D
Acq: 07 Jul 2020 12:03

Tgt Ion: 117 Resp: 123974
Ion Ratio Lower Upper
117 100
119 94.7 75.7 113.5
121 28.9 23.9 35.9

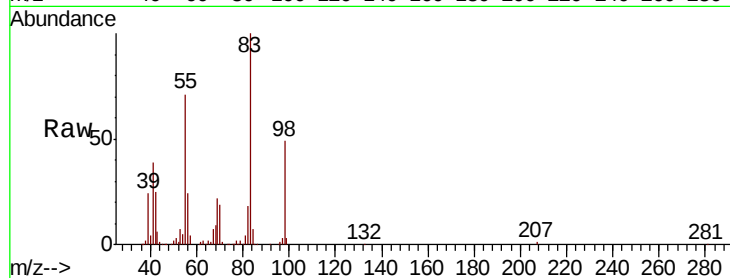




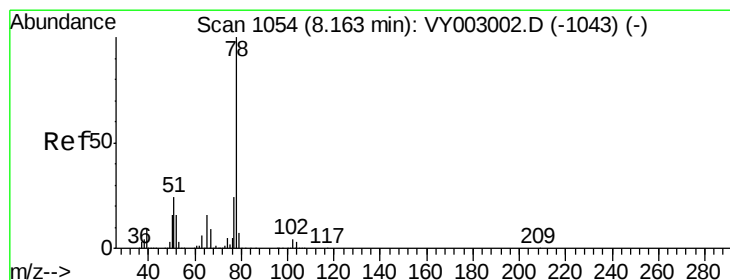
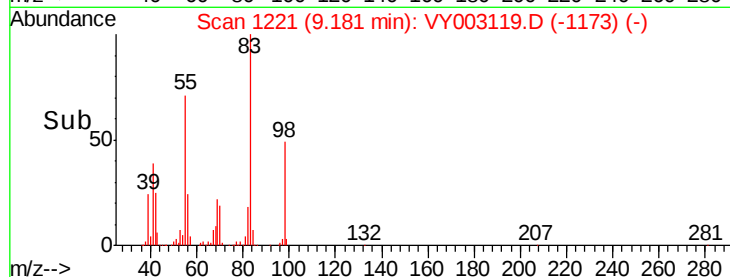
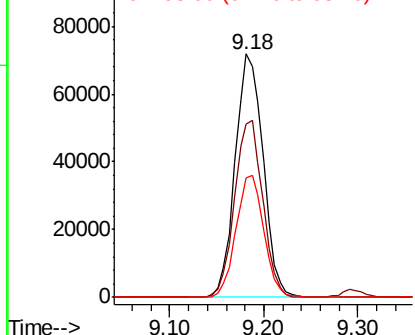
#39
Methvlcvclohexane
Concen: 20.086 ug/l
RT: 9.18 min Scan# 1221
Delta R.T. -0.01 min
Lab File: VY003119.D
Acq: 07 Jul 2020 12:03

Instrument :
MSVOA_Y
ClientSampleId :
VY0707SBS01

Tot Ion: 83 Resp: 148479
Ion Ratio Lower Upper
83 100
55 71.3 59.9 89.9
98 48.9 38.7 58.1

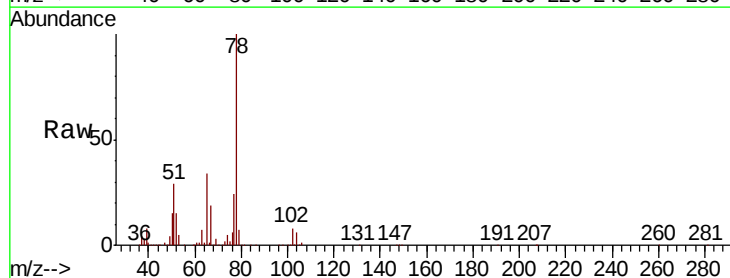


Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

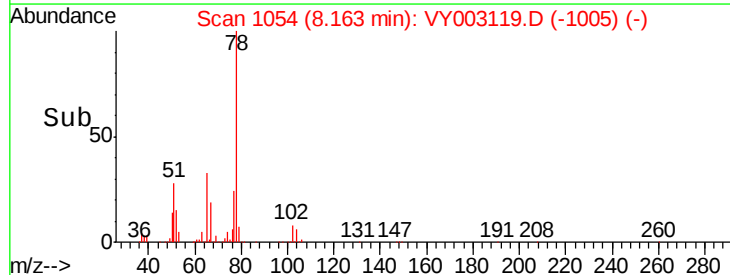
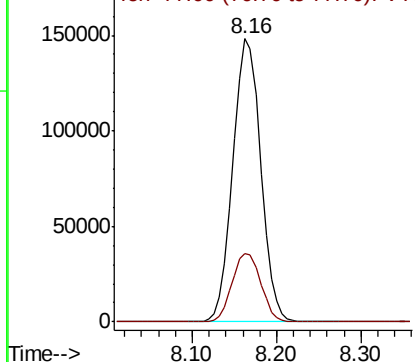


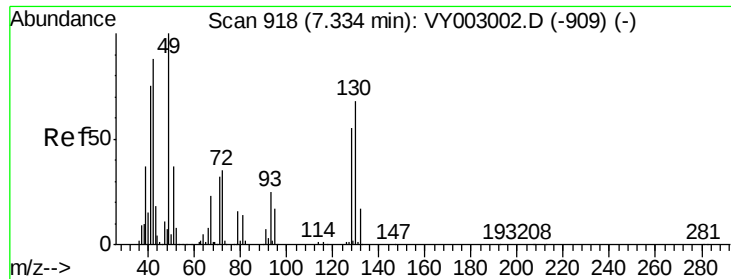
#40
Benzene
Concen: 20.358 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VY003119.D
Acq: 07 Jul 2020 12:03

Tgt Ion: 78 Resp: 332298
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

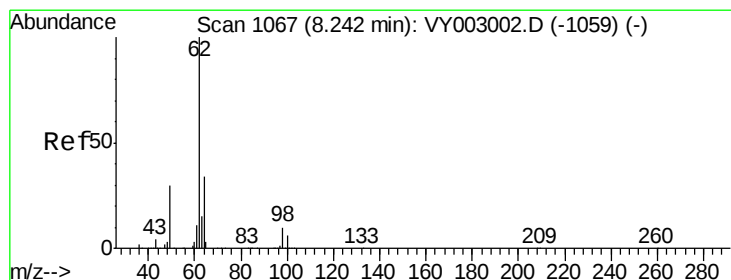
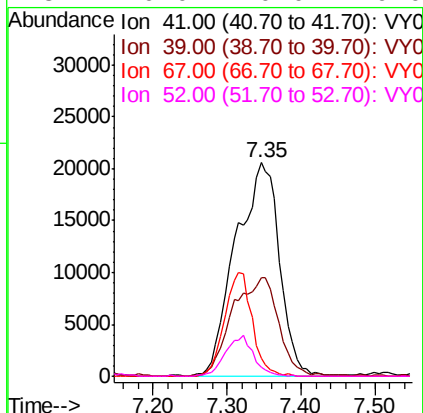
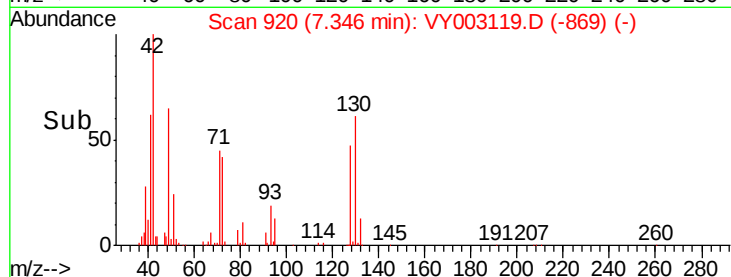
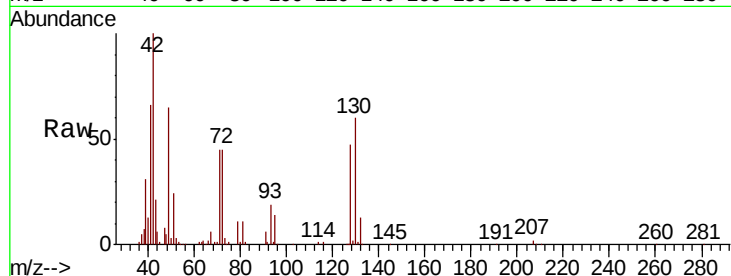




#41
Methacrylonitrile
Concen: 44.232 ug/l
RT: 7.35 min Scan# 920
Delta R.T. 0.01 min
Lab File: VY003119.D
Acq: 07 Jul 2020 12:03

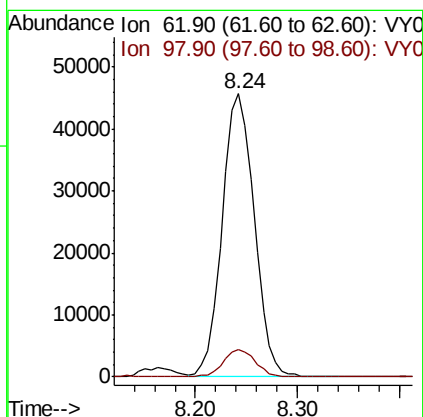
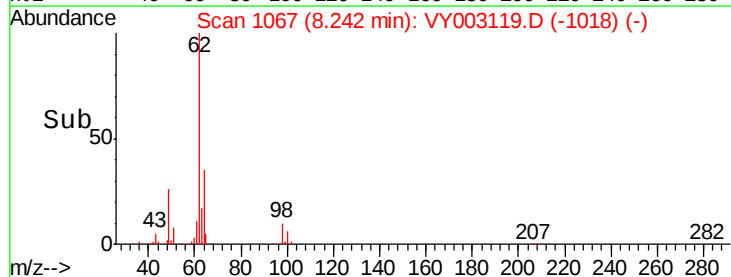
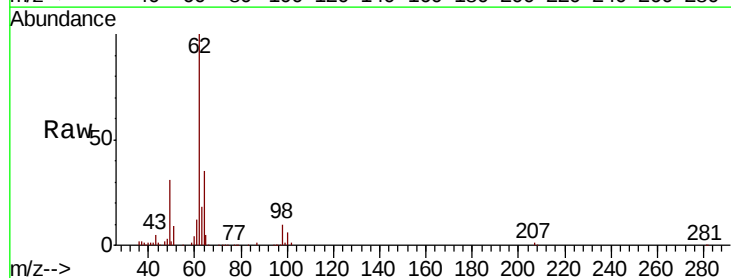
Instrument :
MSVOA_Y
ClientSampleId :
VY0707SBS01

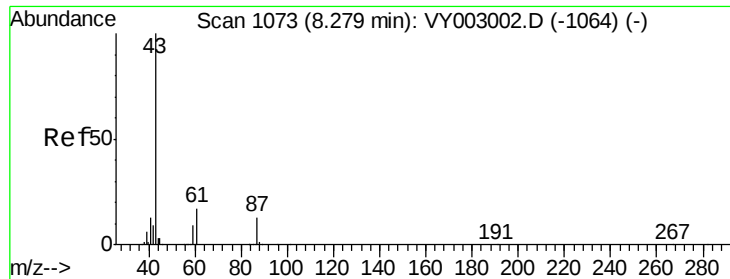
Tot Ion: 41 Resp: 84699
Ion Ratio Lower Upper
41 100
39 48.5 85.7 128.5#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 19.315 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. 0.00 min
Lab File: VY003119.D
Acq: 07 Jul 2020 12:03

Tgt Ion: 62 Resp: 99738
Ion Ratio Lower Upper
62 100
98 9.8 0.0 19.2





#43

Isopropyl Acetate

Concen: 17.390 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. 0.00 min

Lab File: VY003119.D

Acq: 07 Jul 2020 12:03

Instrument :

MSVOA_Y

ClientSampleId :

VY0707SBS01

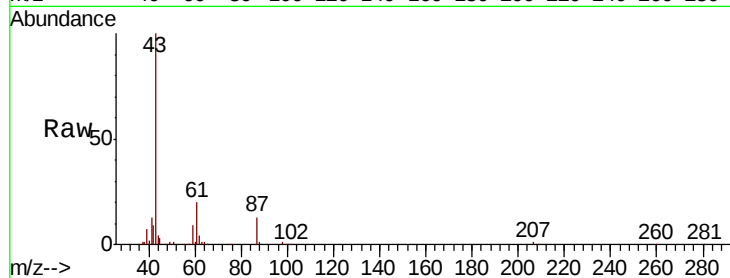
Tot Ion: 43 Resp: 118509

Ion Ratio Lower Upper

43 100

61 29.9 21.8 32.6

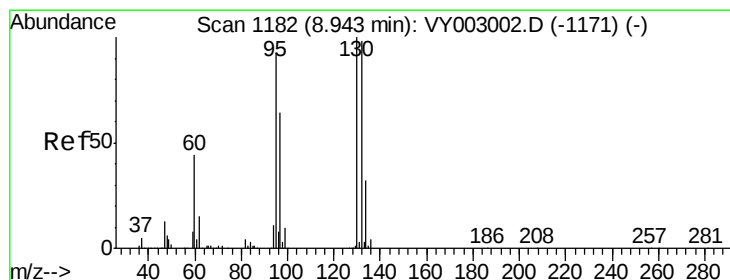
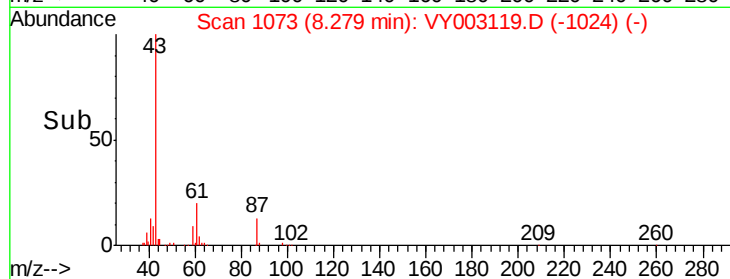
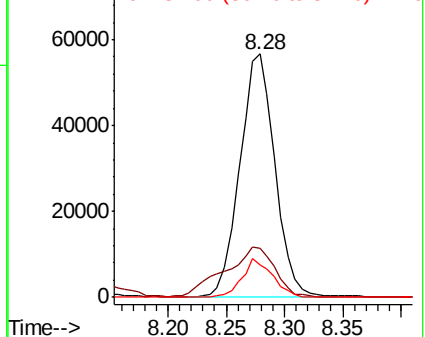
87 14.0 10.1 15.1



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 61.00 (60.70 to 61.70): VY0

Ion 87.00 (86.70 to 87.70): VY0



#44

Trichloroethene

Concen: 21.373 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VY003119.D

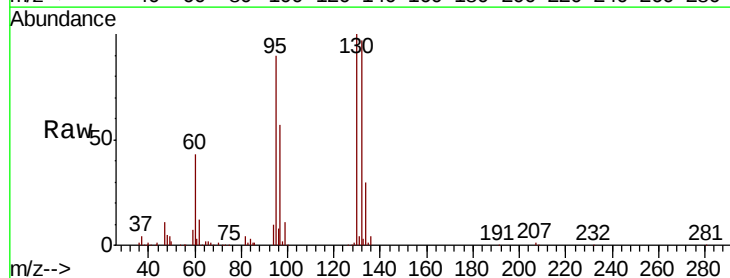
Acq: 07 Jul 2020 12:03

Tgt Ion:130 Resp: 101399

Ion Ratio Lower Upper

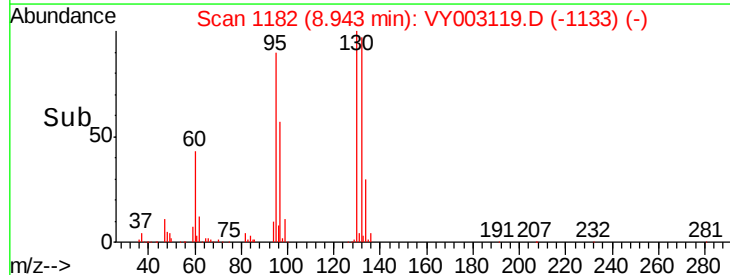
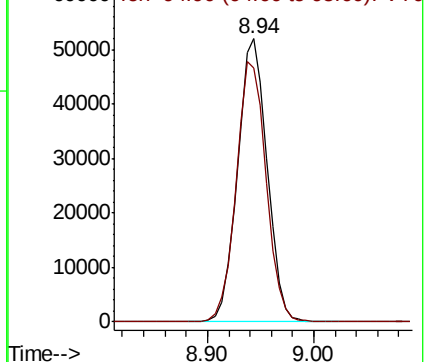
130 100

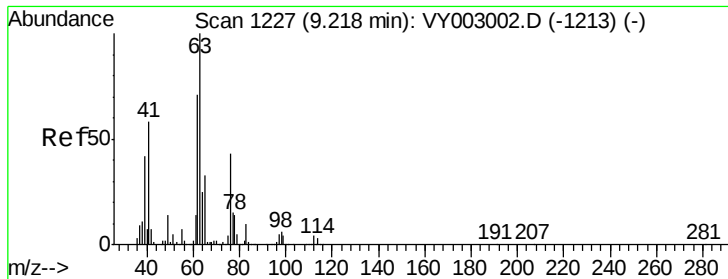
95 89.9 0.0 186.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VY0

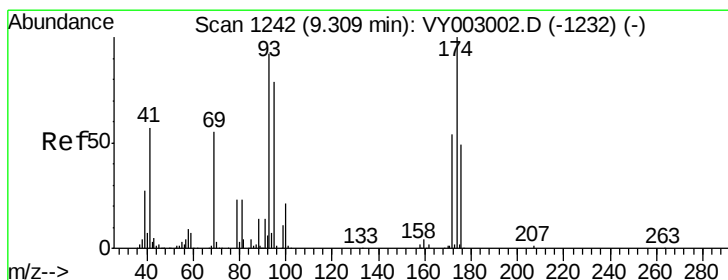
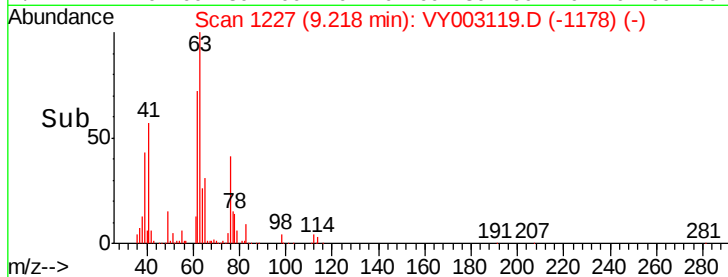
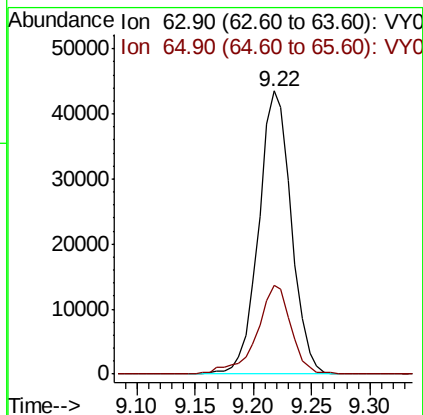
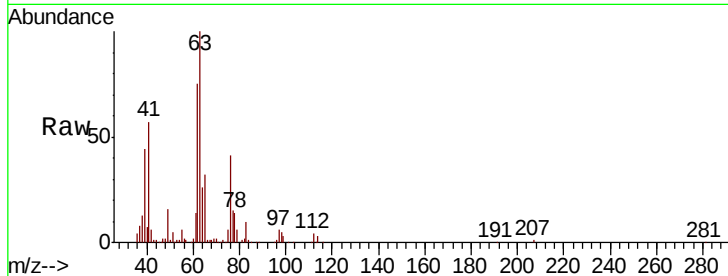




#45
 1,2-Dichloropropane
 Concen: 19.322 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. 0.00 min
 Lab File: VY003119.D
 Acq: 07 Jul 2020 12:03

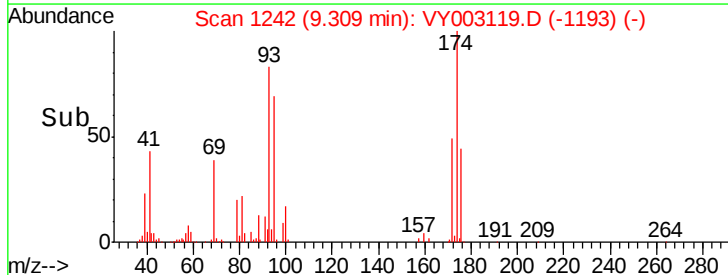
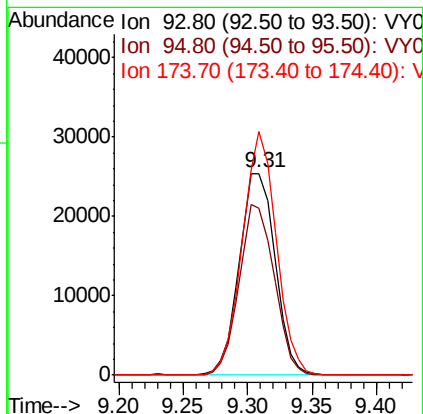
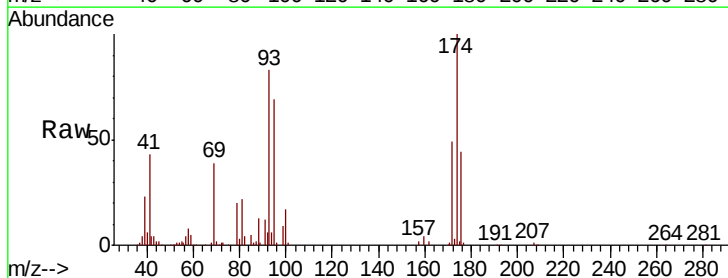
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0707SBS01

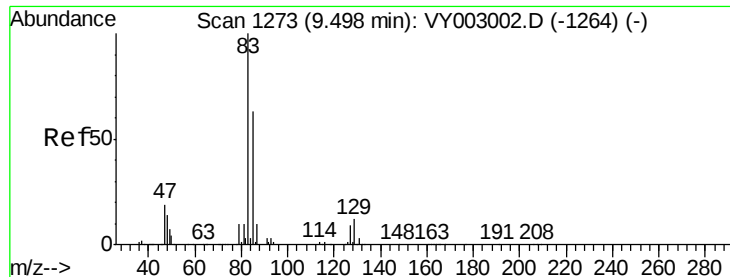
Tot Ion: 63 Resp: 84849
 Ion Ratio Lower Upper
 63 100
 65 31.6 26.2 39.4



#46
 Dibromomethane
 Concen: 20.081 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: VY003119.D
 Acq: 07 Jul 2020 12:03

Tgt Ion: 93 Resp: 49252
 Ion Ratio Lower Upper
 93 100
 95 82.4 67.6 101.4
 174 113.6 88.3 132.5





#47

Bromodichloromethane

Concen: 20.273 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VY003119.D

Acq: 07 Jul 2020 12:03

Instrument :

MSVOA_Y

ClientSampleId :

VY0707SBS01

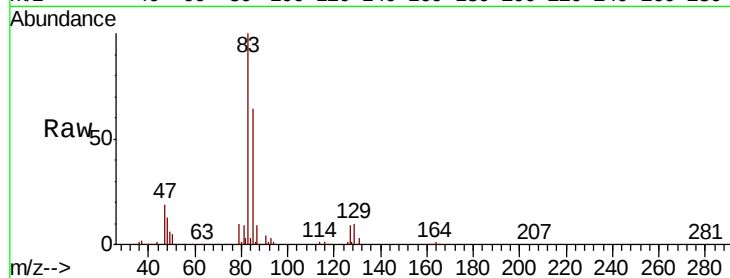
Tot Ion: 83 Resp: 121754

Ion Ratio Lower Upper

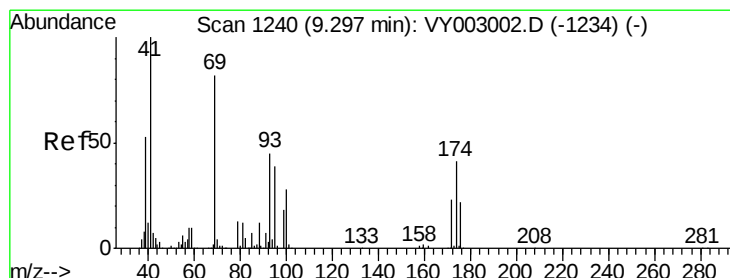
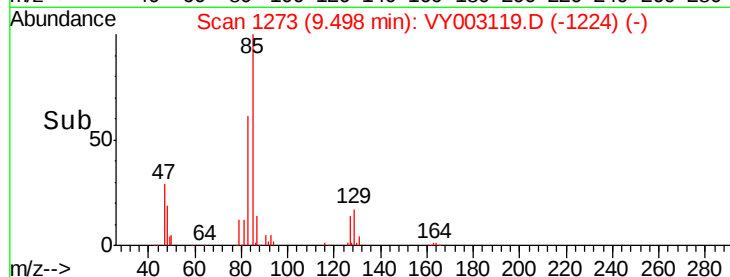
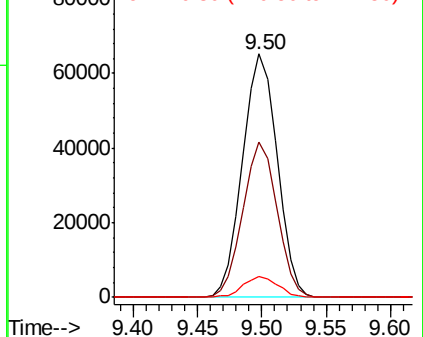
83 100

85 63.6 50.5 75.7

127 8.8 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): V



#48

Methyl methacrylate

Concen: 17.292 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VY003119.D

Acq: 07 Jul 2020 12:03

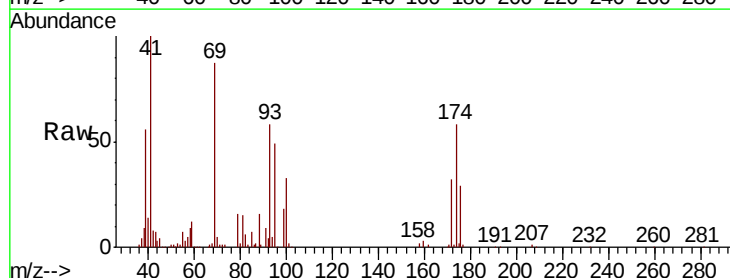
Tgt Ion: 41 Resp: 53637

Ion Ratio Lower Upper

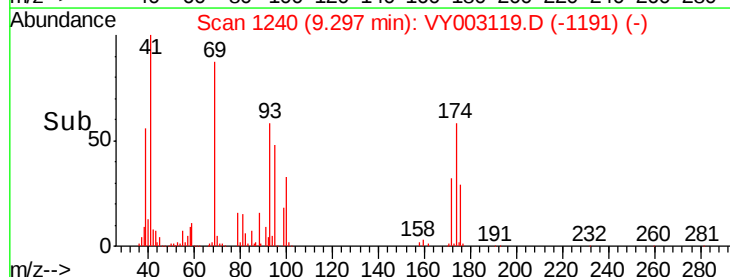
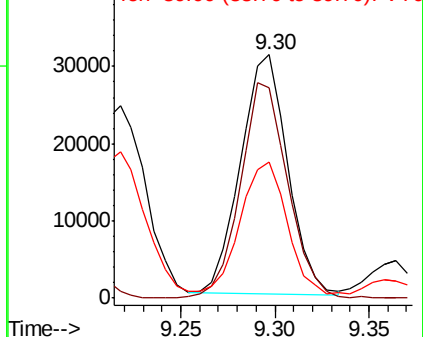
41 100

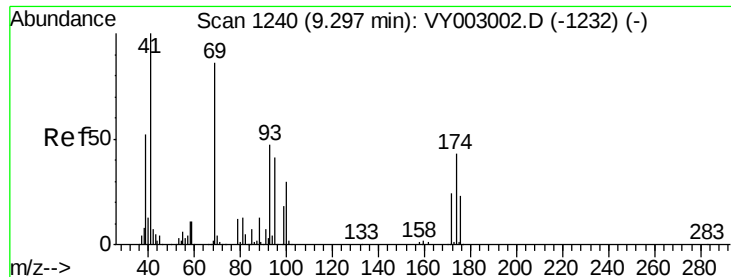
69 91.0 67.7 101.5

39 59.8 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

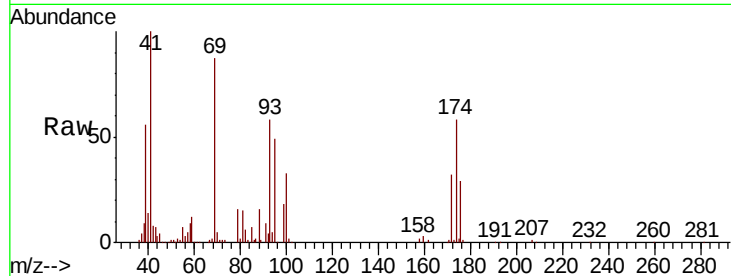




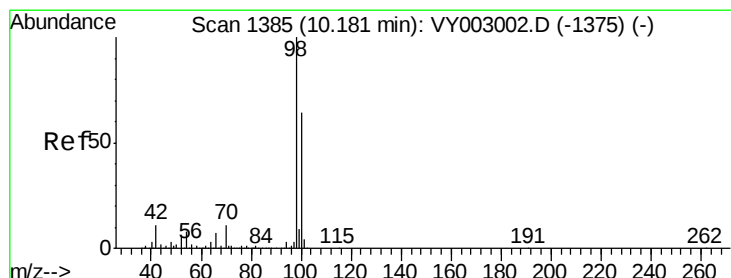
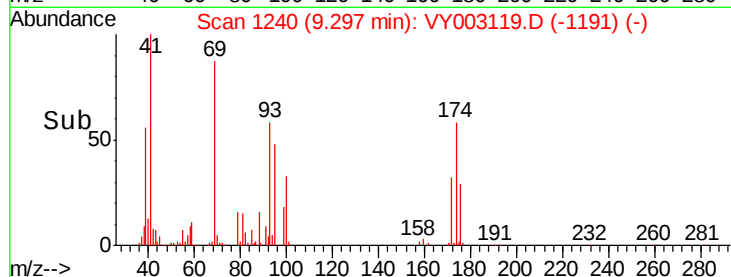
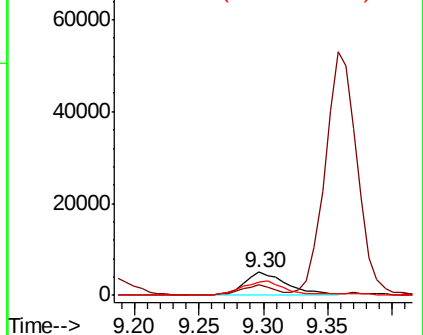
#49
1,4-Dioxane
Concen: 387.881 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VY003119.D
Acq: 07 Jul 2020 12:03

Instrument :
MSVOA_Y
ClientSampleId :
VY0707SBS01

Tot Ion: 88 Resp: 11613
Ion Ratio Lower Upper
88 100
43 36.3 28.6 42.8
58 60.3 56.7 85.1

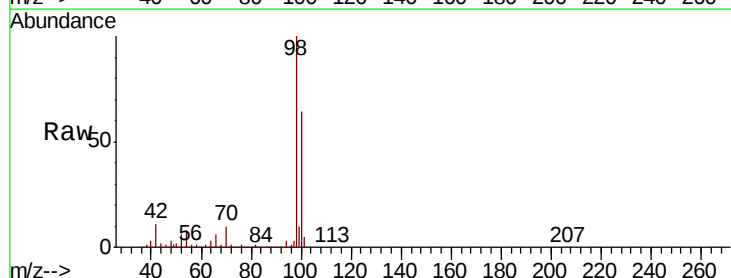


Abundance Ion 88.00 (87.70 to 88.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0

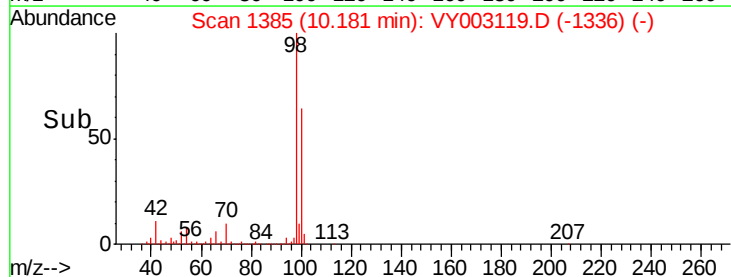
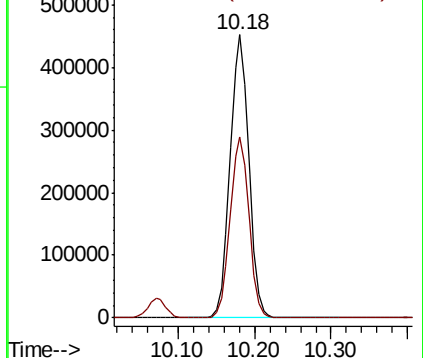


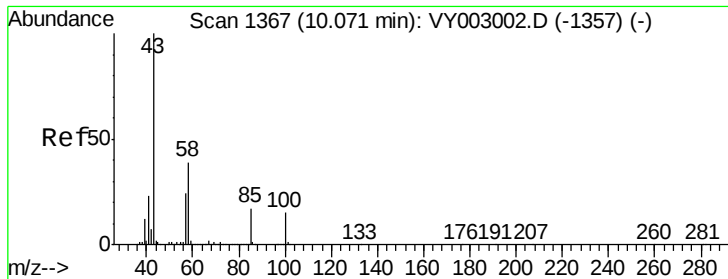
#50
Toluene-d8
Concen: 53.164 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY003119.D
Acq: 07 Jul 2020 12:03

Tgt Ion: 98 Resp: 764742
Ion Ratio Lower Upper
98 100
100 64.1 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: 88.200 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. 0.00 min

Lab File: VY003119.D

Acq: 07 Jul 2020 12:03

Instrument :

MSVOA_Y

ClientSampleId :

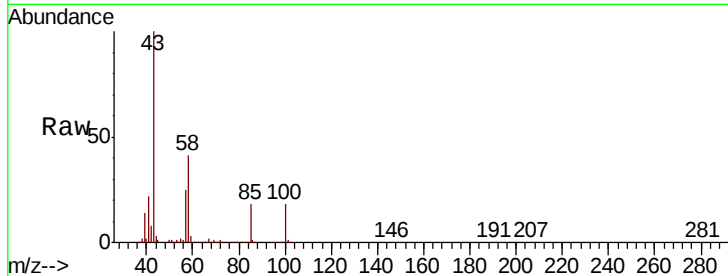
VY0707SBS01

Tot Ion: 43 Resp: 310663

Ion Ratio Lower Upper

43 100

58 39.7 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

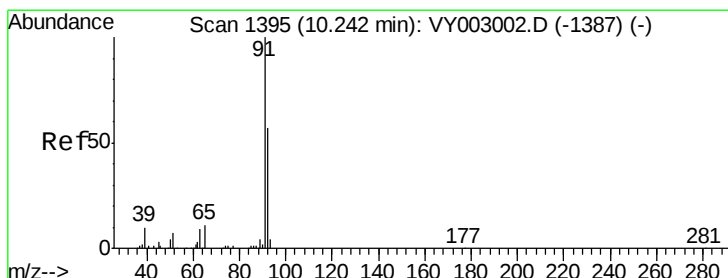
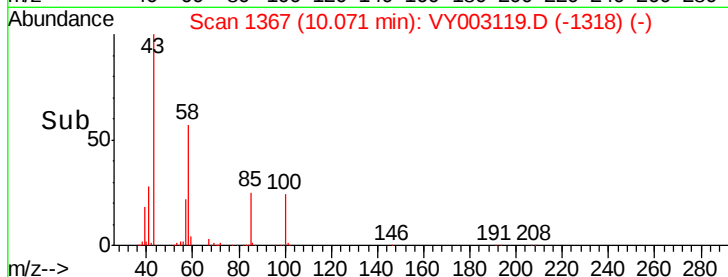
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 20.573 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. 0.00 min

Lab File: VY003119.D

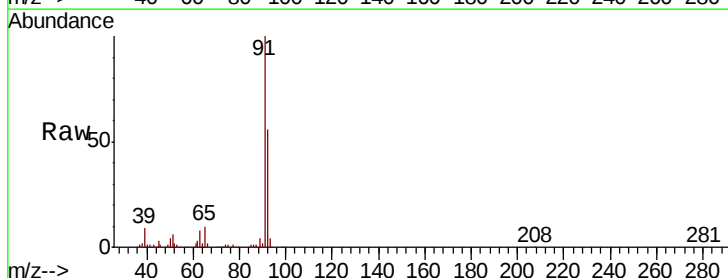
Acq: 07 Jul 2020 12:03

Tgt Ion: 92 Resp: 211395

Ion Ratio Lower Upper

92 100

91 175.2 139.6 209.4



Abundance Ion 92.00 (91.70 to 92.70): VY0

Ion 91.00 (90.70 to 91.70): VY0

250000

200000

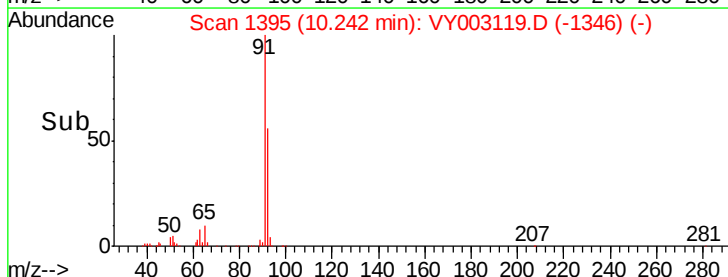
150000

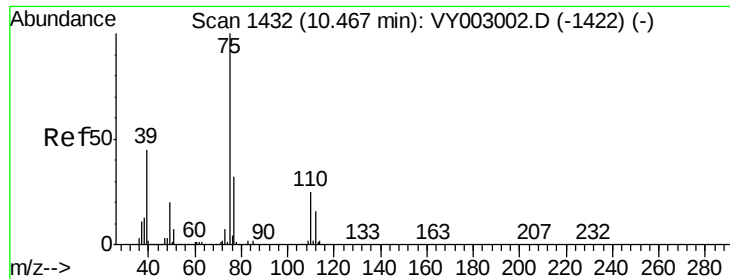
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 19.157 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VY003119.D

Acq: 07 Jul 2020 12:03

Instrument :

MSVOA_Y

ClientSampleId :

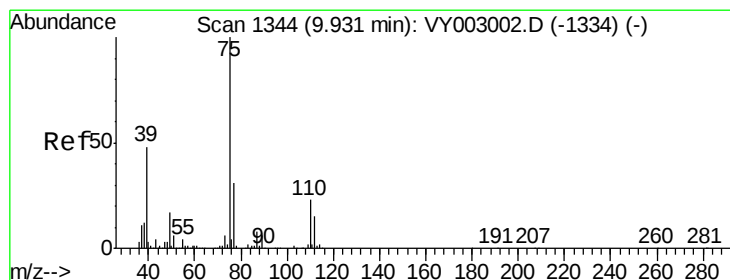
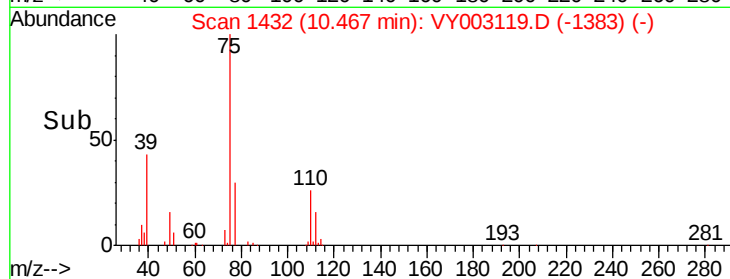
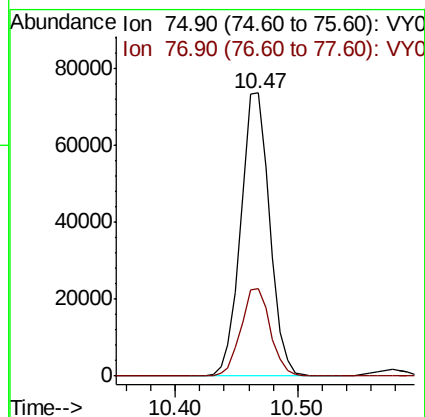
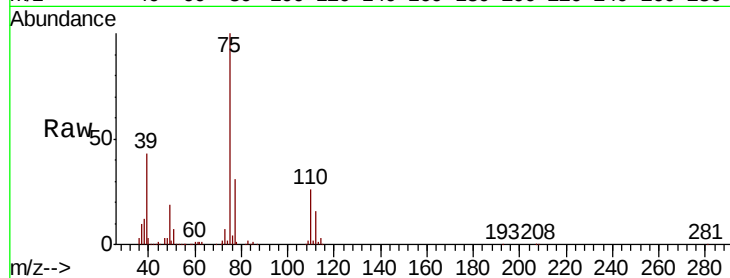
VY0707SBS01

Tot Ion: 75 Resp: 120625

Ion Ratio Lower Upper

75 100

77 30.8 25.9 38.9



#54

cis-1,3-Dichloropropene

Concen: 19.298 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. 0.00 min

Lab File: VY003119.D

Acq: 07 Jul 2020 12:03

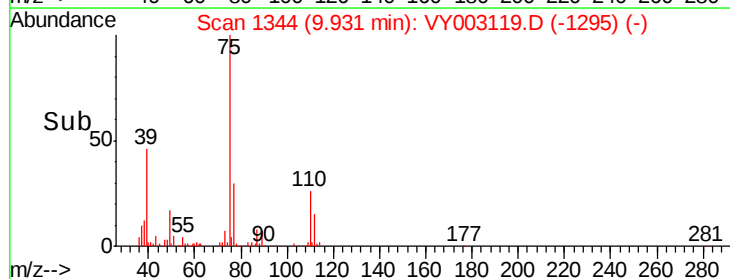
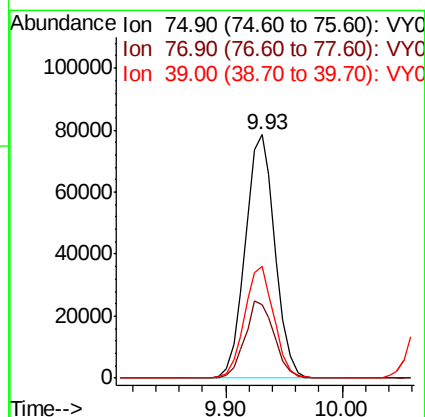
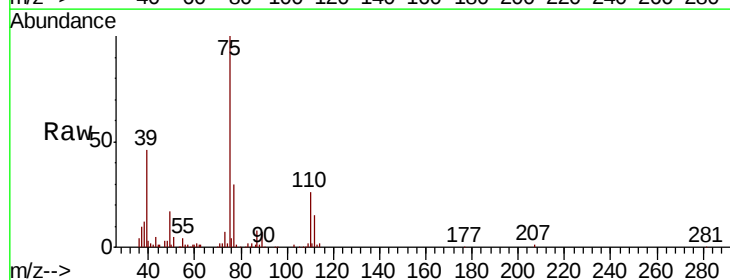
Tgt Ion: 75 Resp: 138965

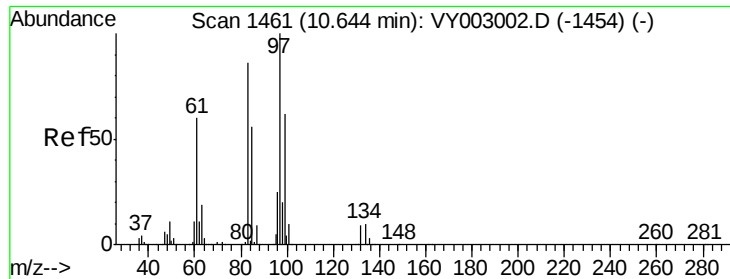
Ion Ratio Lower Upper

75 100

77 30.3 24.6 37.0

39 45.6 38.3 57.5





#55

1,1,2-Trichloroethane

Concen: 20.597 ug/l

RT: 10.64 min Scan# 1461

Delta R.T. 0.00 min

Lab File: VY003119.D

Acq: 07 Jul 2020 12:03

Instrument :

MSVOA_Y

ClientSampleId :

VY0707SBS01

Tot Ion: 97 Resp: 70200

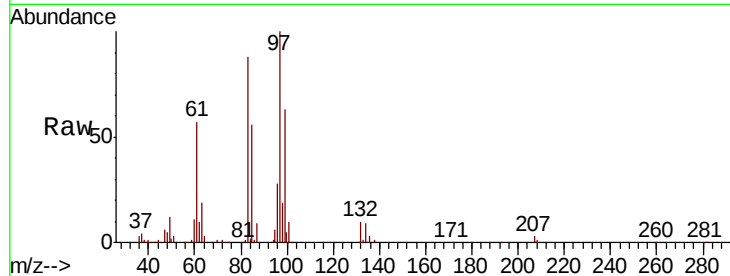
Ion Ratio Lower Upper

97 100

83 88.5 69.0 103.6

85 56.2 44.8 67.2

99 63.4 49.9 74.9

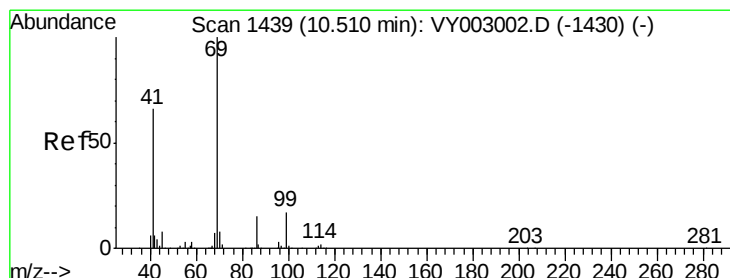
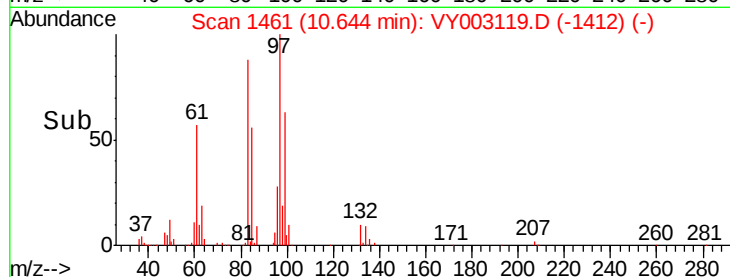
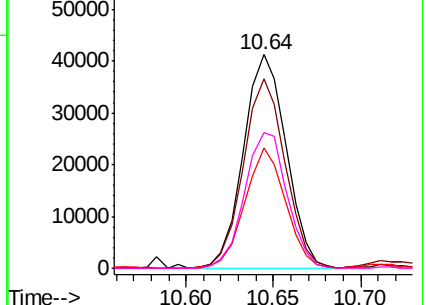


Abundance Ion 96.90 (96.60 to 97.60): VY0

Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

Ion 98.90 (98.60 to 99.60): VY0



#56

Ethyl methacrylate

Concen: 18.717 ug/l

RT: 10.51 min Scan# 1439

Delta R.T. 0.00 min

Lab File: VY003119.D

Acq: 07 Jul 2020 12:03

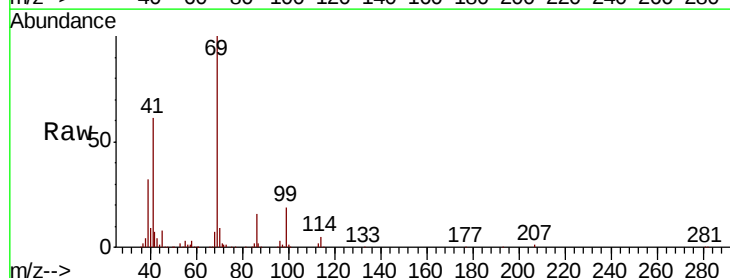
Tgt Ion: 69 Resp: 92341

Ion Ratio Lower Upper

69 100

41 62.3 53.7 80.5

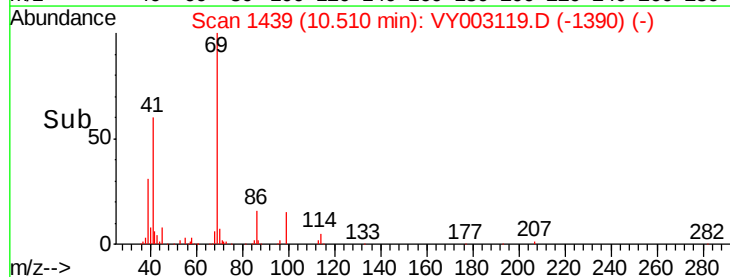
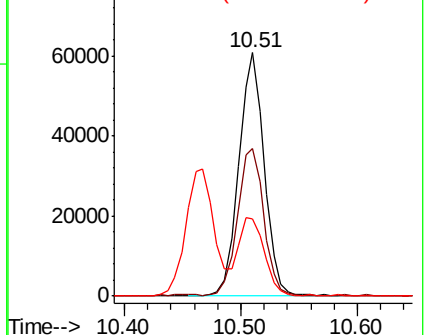
39 31.8 28.3 42.5

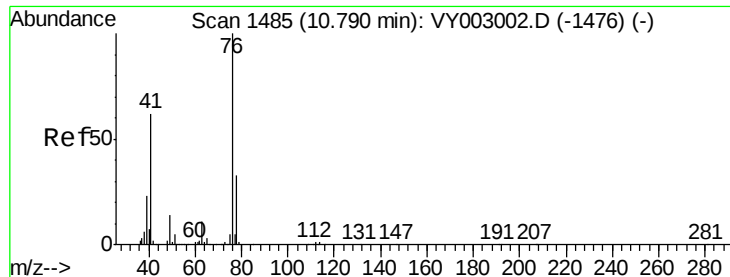


Abundance Ion 69.00 (68.70 to 69.70): VY0

Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0





#57

1,3-Dichloropropane

Concen: 19.819 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VY003119.D

Acq: 07 Jul 2020 12:03

Instrument :

MSVOA_Y

ClientSampleId :

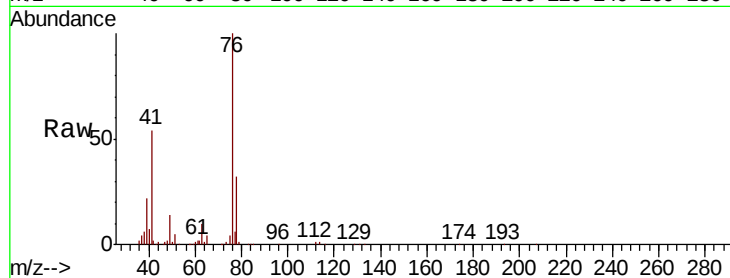
VY0707SBS01

Tot Ion: 76 Resp: 118579

Ion Ratio Lower Upper

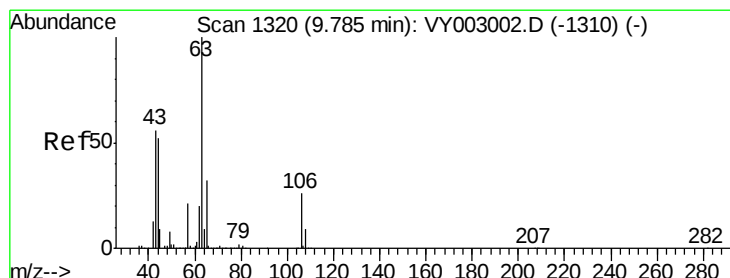
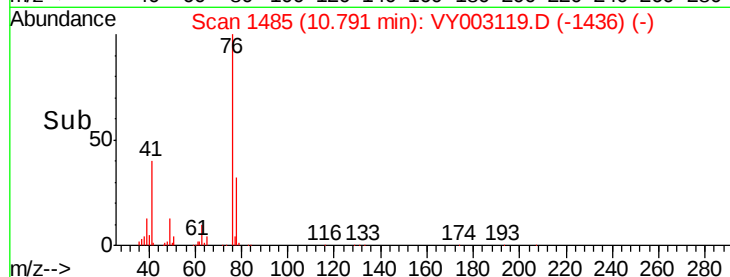
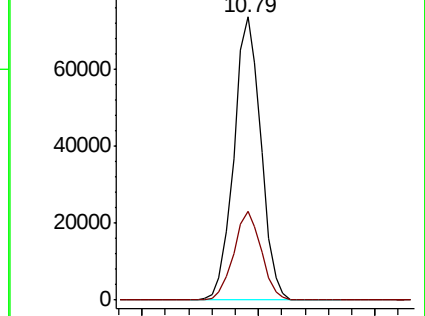
76 100

78 32.3 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: 88.907 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. 0.00 min

Lab File: VY003119.D

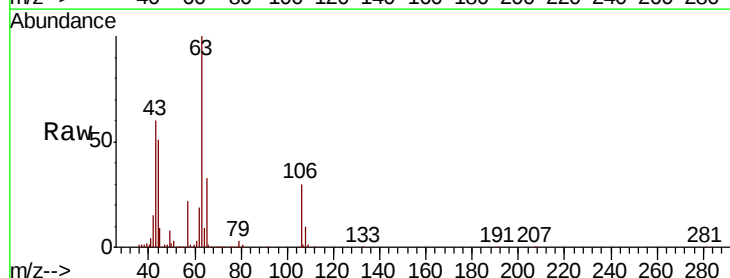
Acq: 07 Jul 2020 12:03

Tgt Ion: 63 Resp: 224960

Ion Ratio Lower Upper

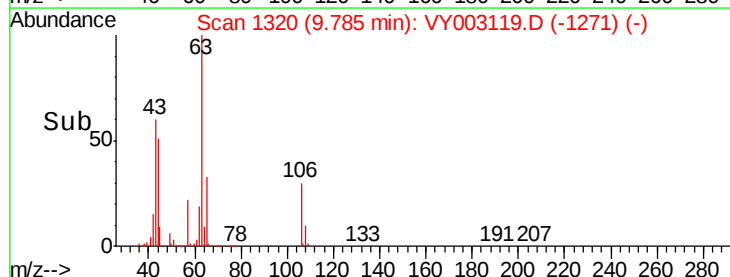
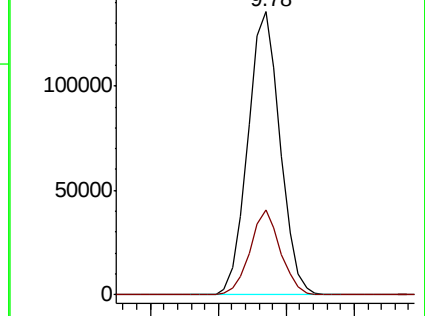
63 100

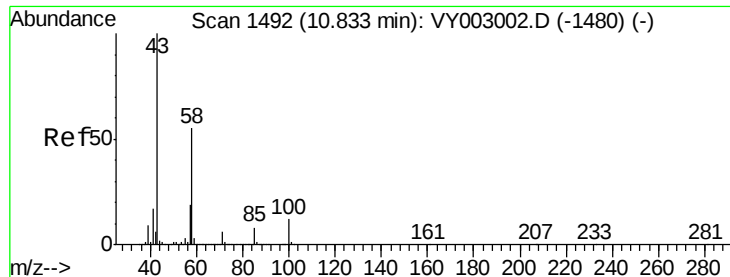
106 28.3 21.5 32.3



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

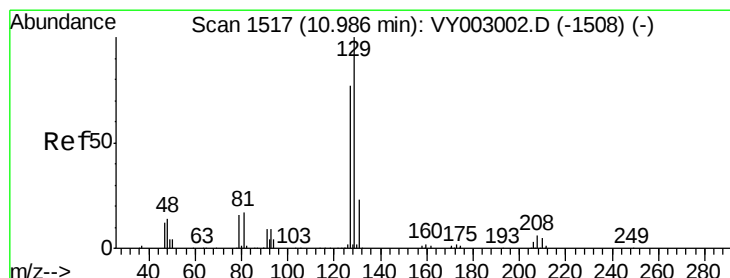
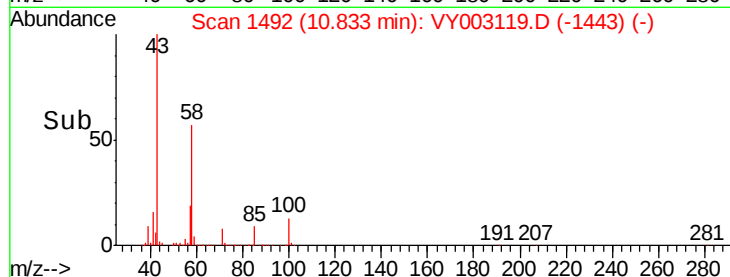
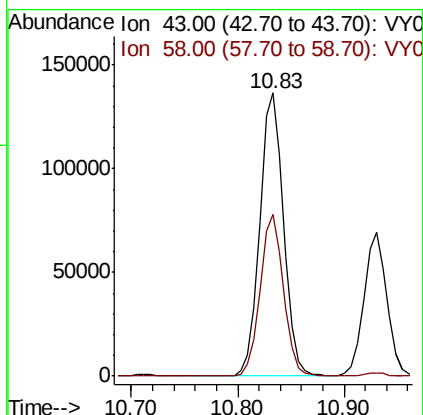
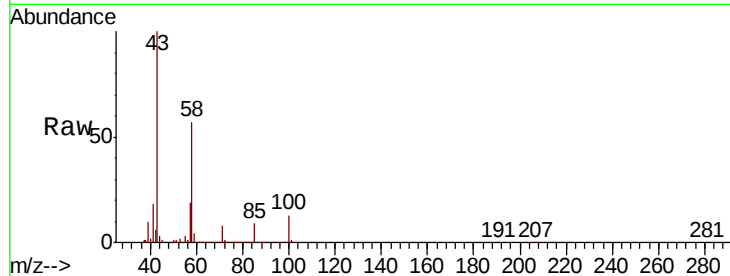




#59
2-Hexanone
Concen: 86.880 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY003119.D
Acq: 07 Jul 2020 12:03

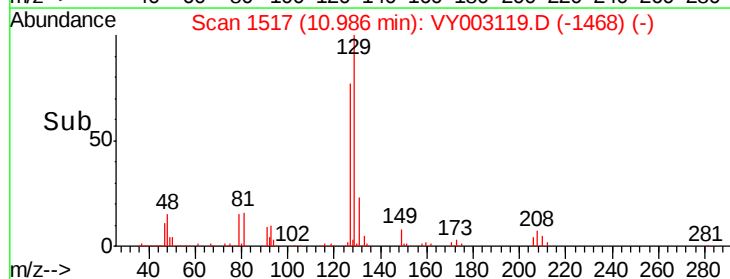
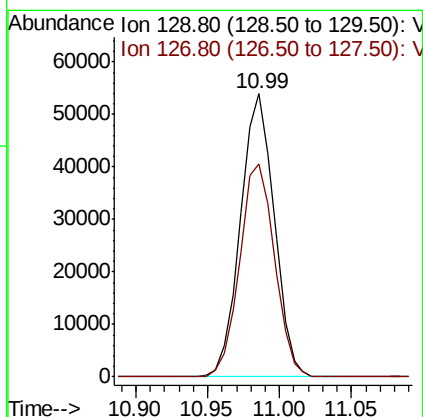
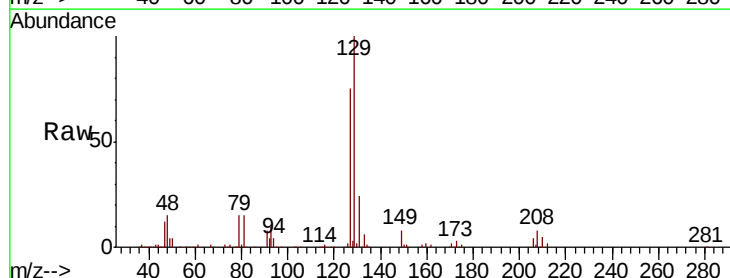
Instrument :
MSVOA_Y
ClientSampleId :
VY0707SBS01

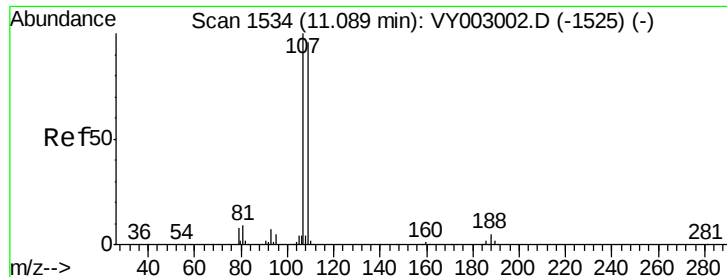
Tot Ion: 43 Resp: 213893
Ion Ratio Lower Upper
43 100
58 55.9 27.5 82.4



#60
Dibromochloromethane
Concen: 20.098 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY003119.D
Acq: 07 Jul 2020 12:03

Tgt Ion: 129 Resp: 87657
Ion Ratio Lower Upper
129 100
127 77.9 39.1 117.3

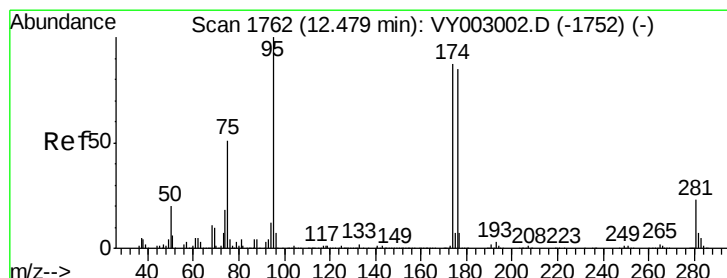
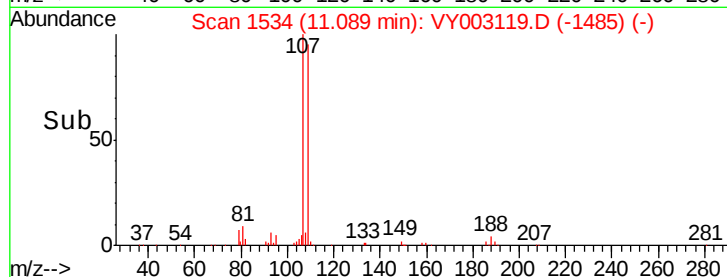
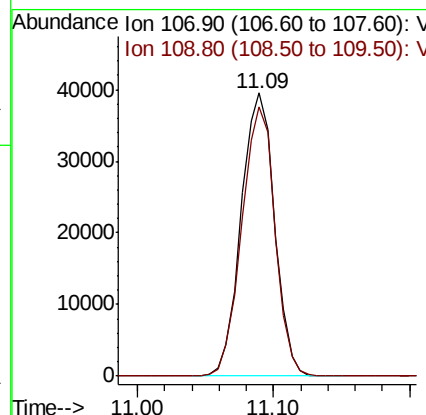
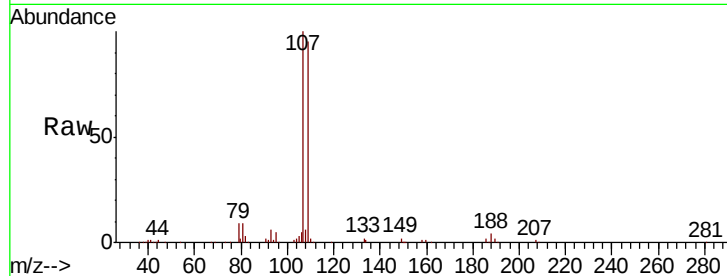




#61
 1,2-Dibromoethane
 Concen: 20.159 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VY003119.D
 Acq: 07 Jul 2020 12:03

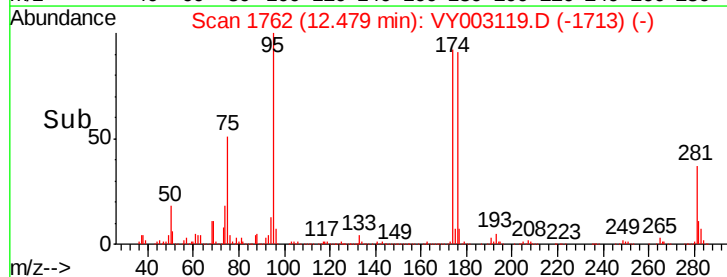
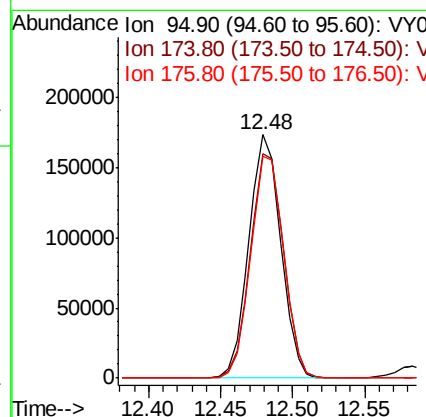
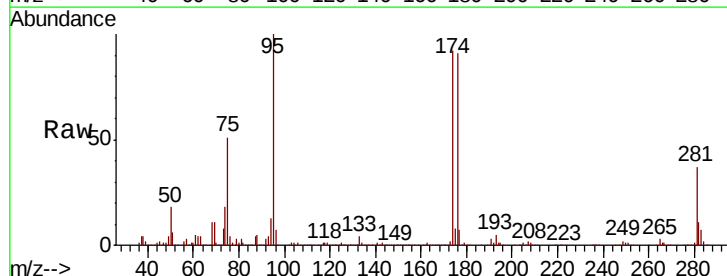
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0707SBS01

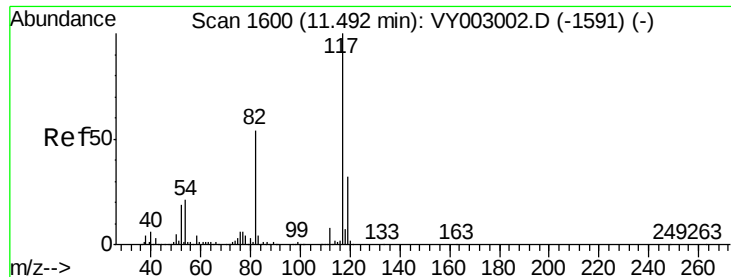
Tot Ion: 107 Resp: 67733
 Ion Ratio Lower Upper
 107 100
 109 94.6 75.8 113.8



#62
 4-Bromofluorobenzene
 Concen: 52.586 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY003119.D
 Acq: 07 Jul 2020 12:03

Tgt Ion: 95 Resp: 266264
 Ion Ratio Lower Upper
 95 100
 174 95.1 0.0 184.8
 176 94.0 0.0 183.0

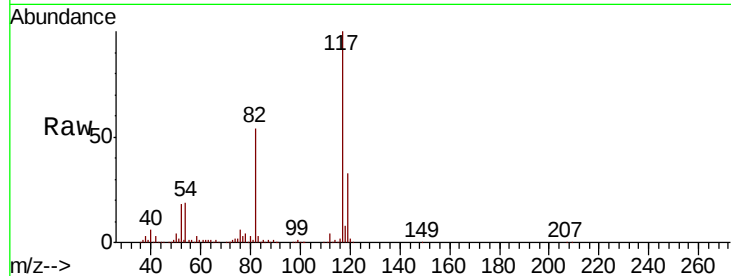




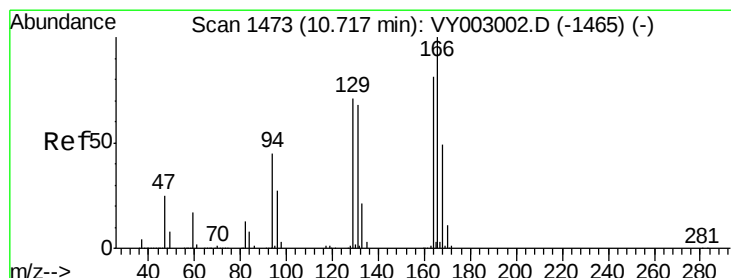
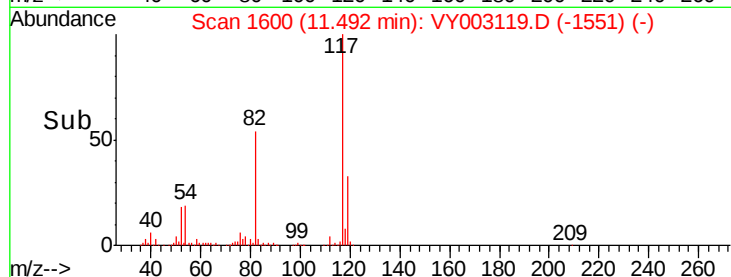
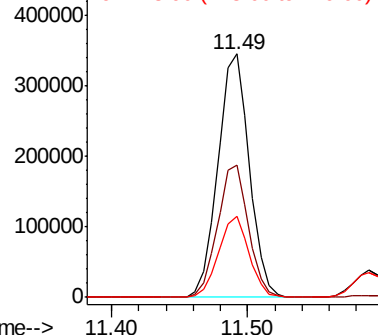
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY003119.D
Acq: 07 Jul 2020 12:03

Instrument :
MSVOA_Y
ClientSampleId :
VY0707SBS01

Tot Ion:117 Resp: 556441
Ion Ratio Lower Upper
117 100
82 54.5 43.0 64.6
119 33.4 25.8 38.8

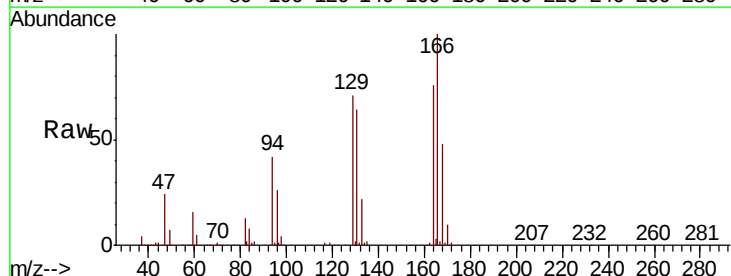


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

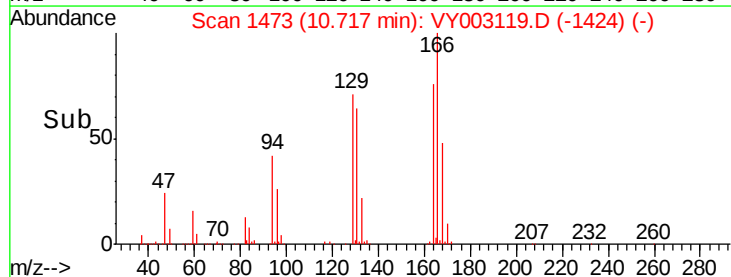
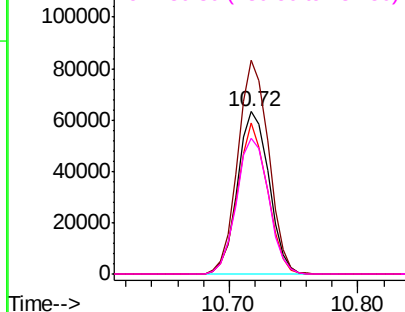


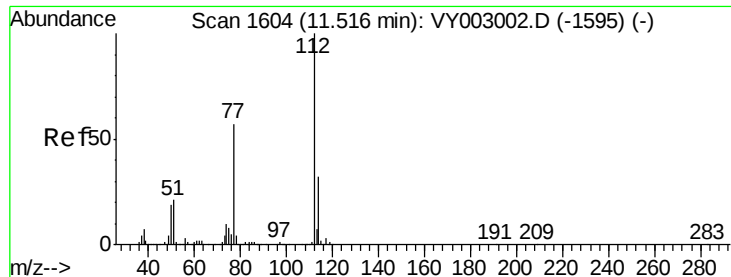
#64
Tetrachloroethene
Concen: 22.754 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY003119.D
Acq: 07 Jul 2020 12:03

Tgt Ion:164 Resp: 107157
Ion Ratio Lower Upper
164 100
166 131.7 98.5 147.7
129 93.1 69.7 104.5
131 84.0 67.2 100.8



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

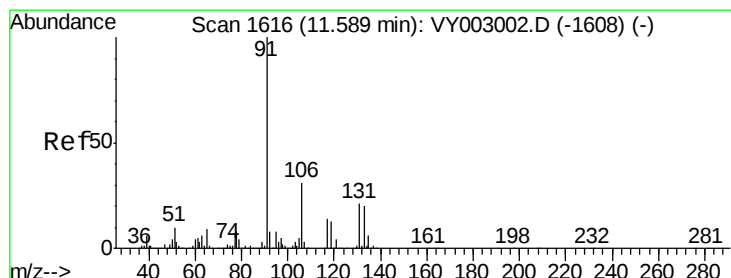
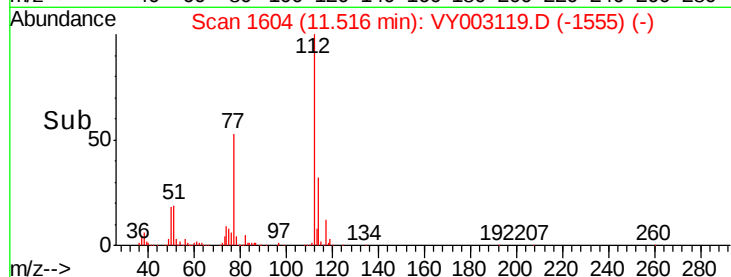
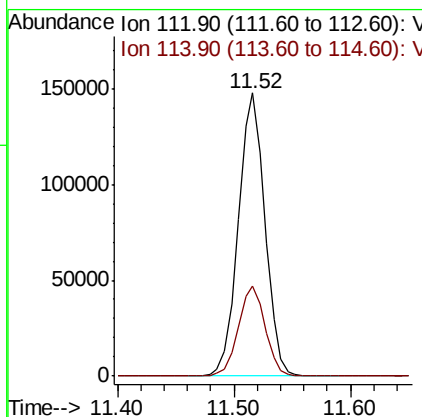
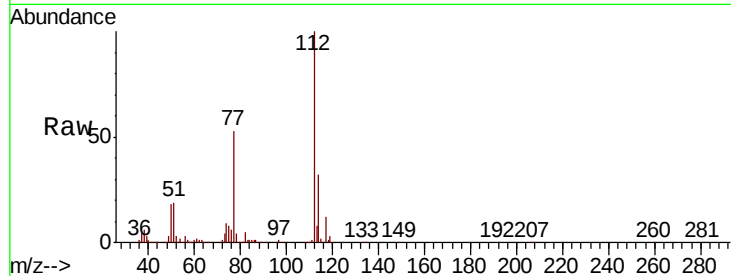




#65
Chlorobenzene
Concen: 21.406 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VY003119.D
Acq: 07 Jul 2020 12:03

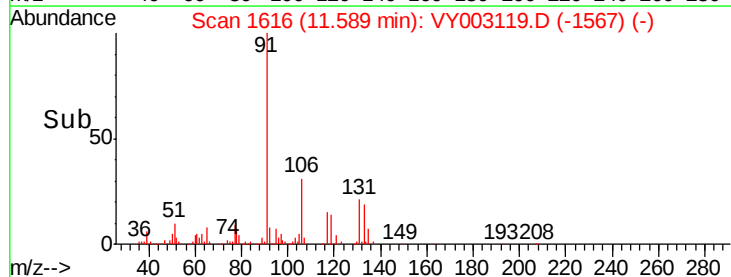
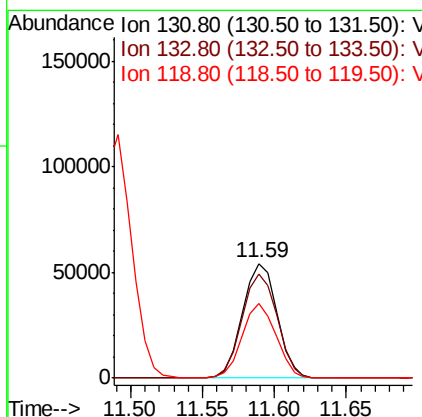
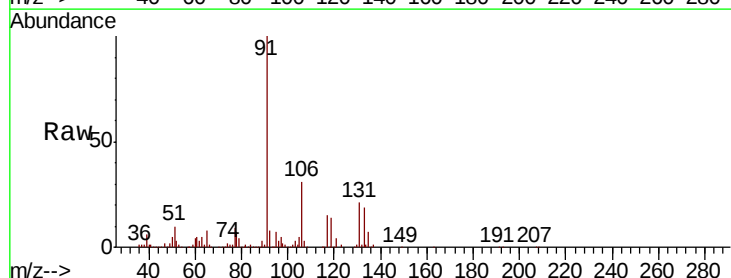
Instrument :
MSVOA_Y
ClientSampleId :
VY0707SBS01

Tot Ion:112 Resp: 234863
Ion Ratio Lower Upper
112 100
114 31.8 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 21.023 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY003119.D
Acq: 07 Jul 2020 12:03

Tgt Ion:131 Resp: 90057
Ion Ratio Lower Upper
131 100
133 92.5 47.9 143.8
119 64.1 31.8 95.3





#67

Ethyl Benzene

Concen: 20.530 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. 0.00 min

Lab File: VY003119.D

Acq: 07 Jul 2020 12:03

Instrument :

MSVOA_Y

ClientSampleId :

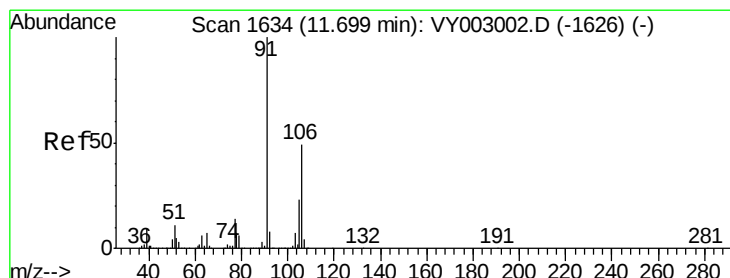
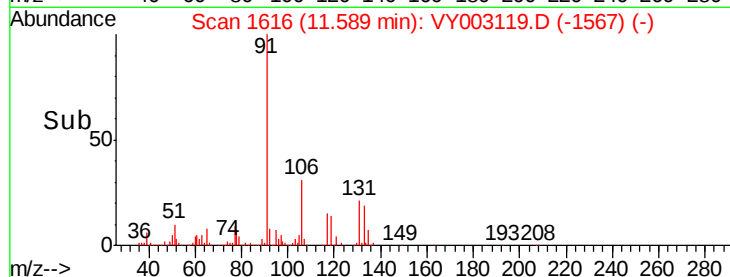
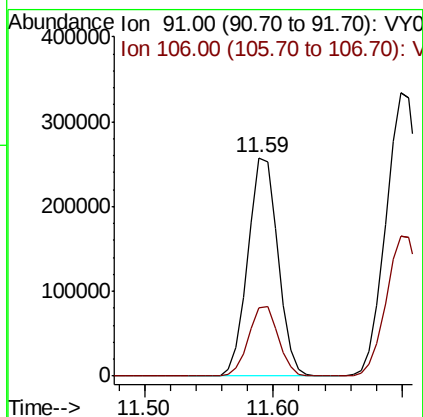
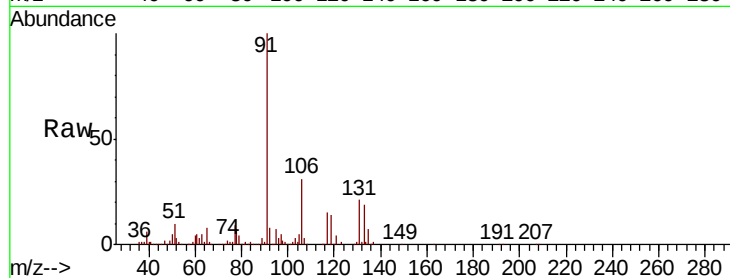
VY0707SBS01

Tot Ion: 91 Resp: 412091

Ion Ratio Lower Upper

91 100

106 31.1 25.0 37.4



#68

m/p-Xylenes

Concen: 41.737 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. 0.00 min

Lab File: VY003119.D

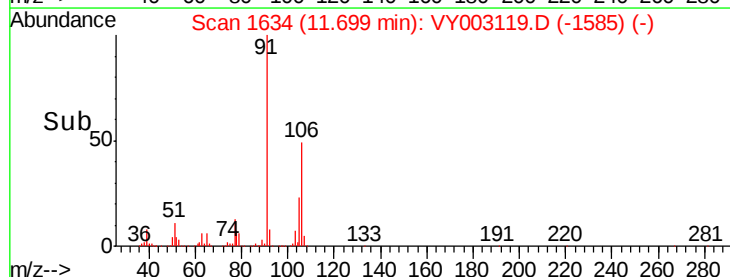
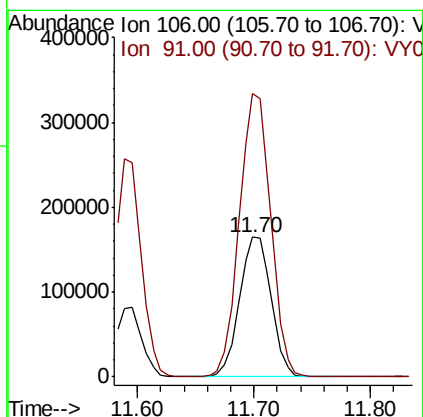
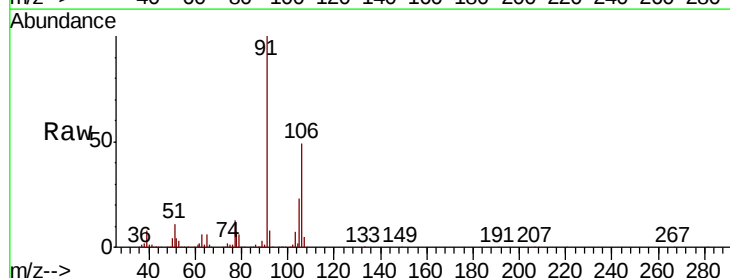
Acq: 07 Jul 2020 12:03

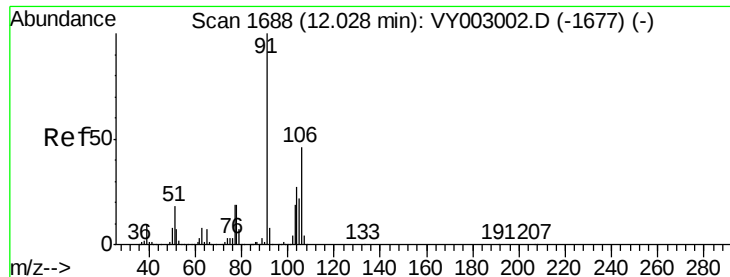
Tgt Ion: 106 Resp: 311798

Ion Ratio Lower Upper

106 100

91 201.5 161.9 242.9

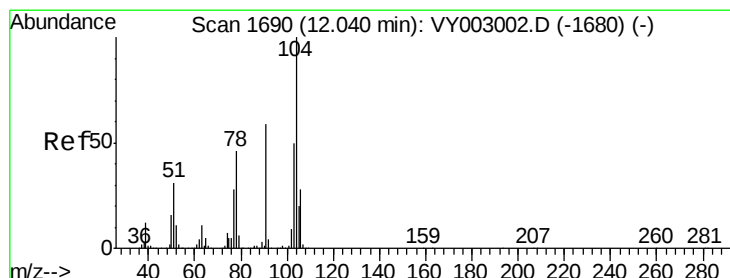
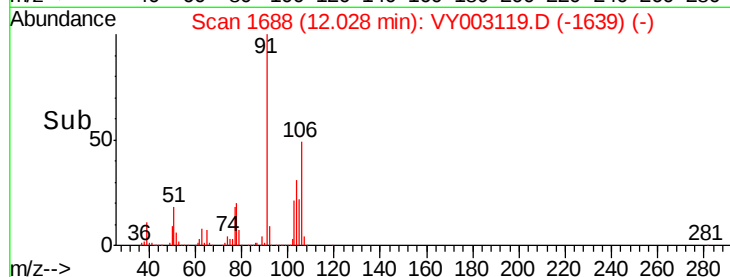
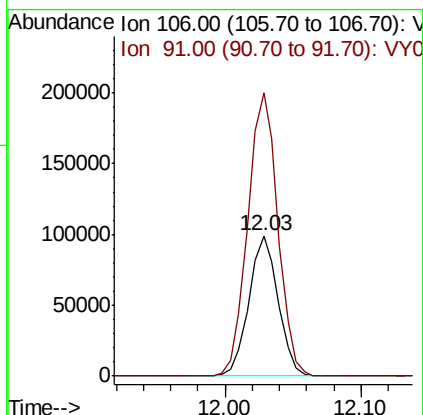
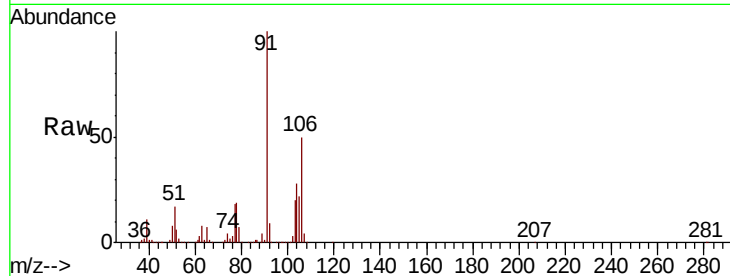




#69
o-Xylene
Concen: 21.211 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY003119.D
Acq: 07 Jul 2020 12:03

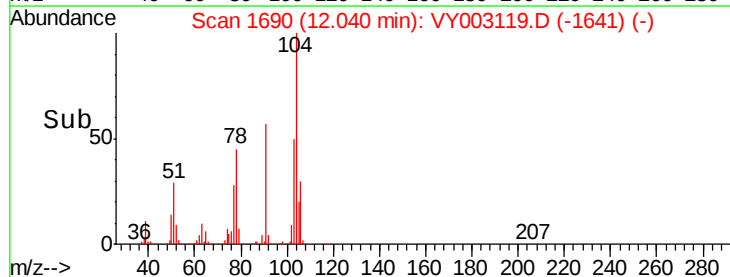
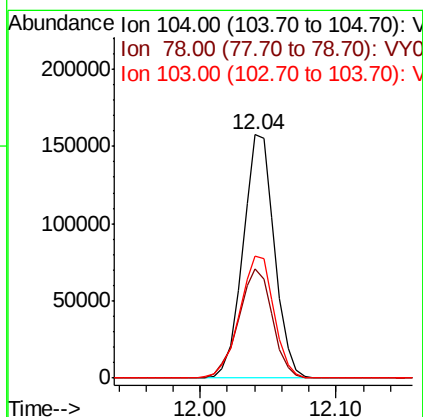
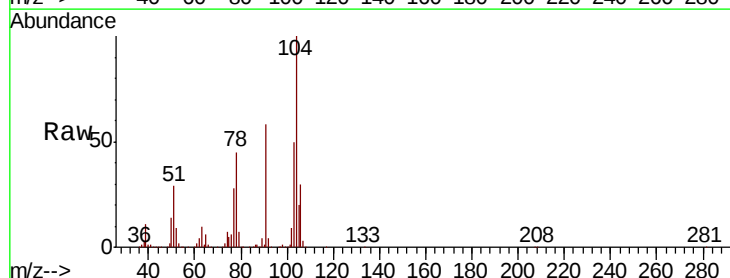
Instrument :
MSVOA_Y
ClientSampled :
VY0707SBS01

Tot Ion:106 Resp: 149323
Ion Ratio Lower Upper
106 100
91 207.7 107.9 323.8



#70
Styrene
Concen: 21.099 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY003119.D
Acq: 07 Jul 2020 12:03

Tgt Ion:104 Resp: 253747
Ion Ratio Lower Upper
104 100
78 48.2 40.4 60.6
103 54.8 44.1 66.1





#71

Bromoform

Concen: 20.466 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VY003119.D

Acq: 07 Jul 2020 12:03

Instrument :

MSVOA_Y

ClientSampleId :

VY0707SBS01

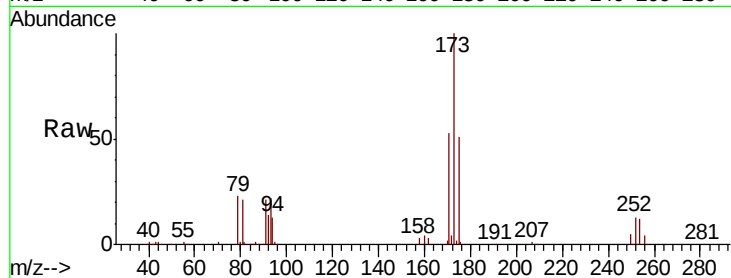
Tot Ion:173 Resp: 58458

Ion Ratio Lower Upper

173 100

175 48.8 24.6 73.6

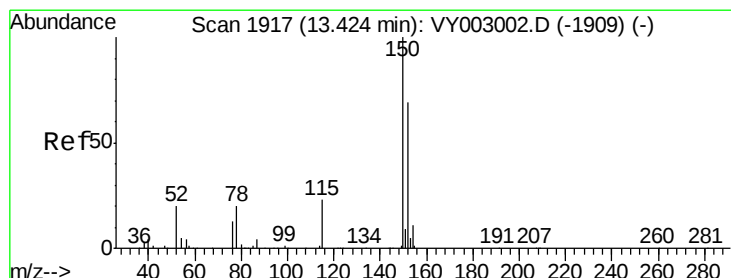
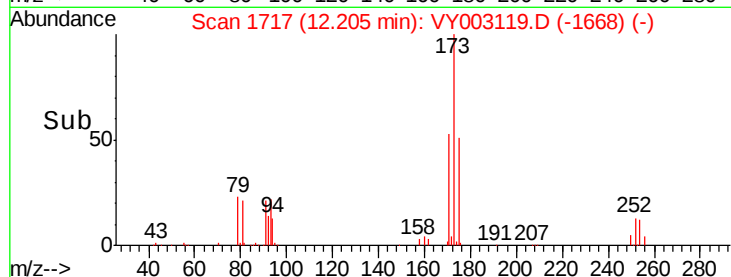
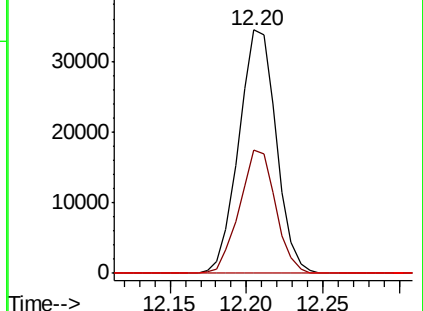
254 0.0 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. 0.00 min

Lab File: VY003119.D

Acq: 07 Jul 2020 12:03

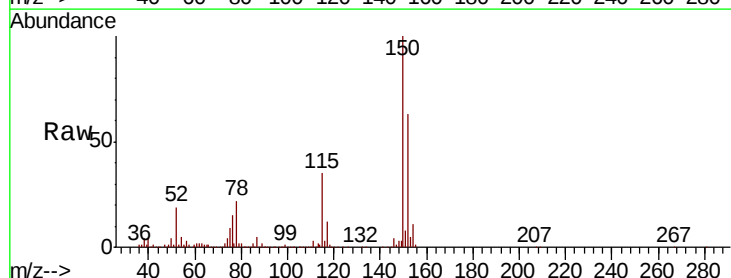
Tgt Ion:152 Resp: 297900

Ion Ratio Lower Upper

152 100

115 54.3 27.3 81.9

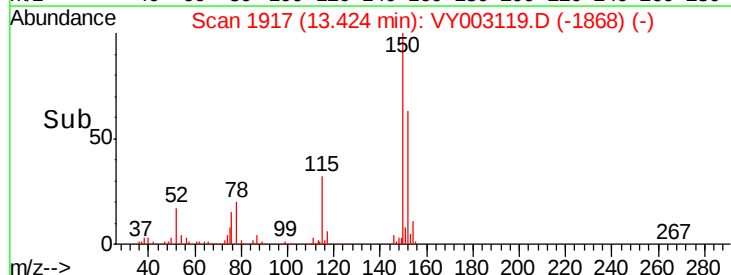
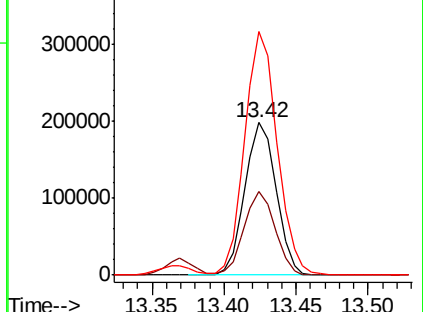
150 165.2 0.0 343.4

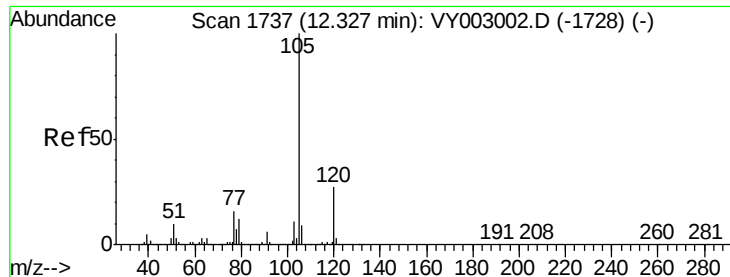


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.084 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY003119.D

Acq: 07 Jul 2020 12:03

Instrument :

MSVOA_Y

ClientSampleId :

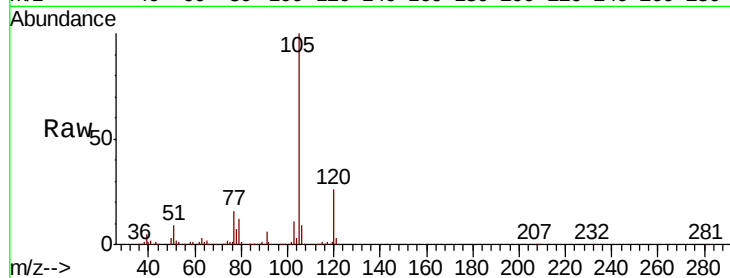
VY0707SBS01

Tot Ion:105 Resp: 411066

Ion Ratio Lower Upper

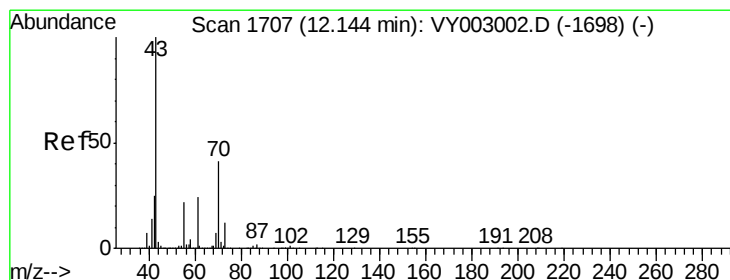
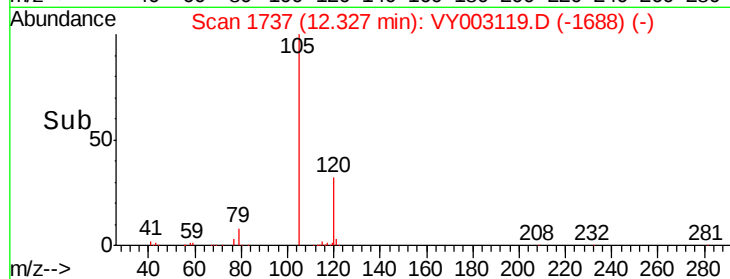
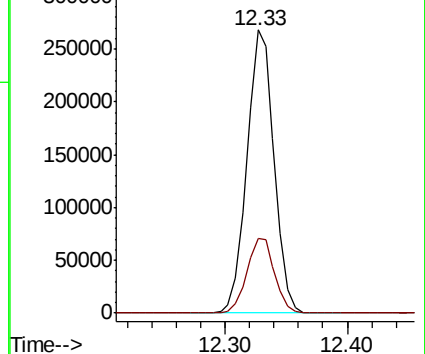
105 100

120 27.1 13.4 40.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 17.762 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VY003119.D

Acq: 07 Jul 2020 12:03

Tgt Ion: 43 Resp: 112733

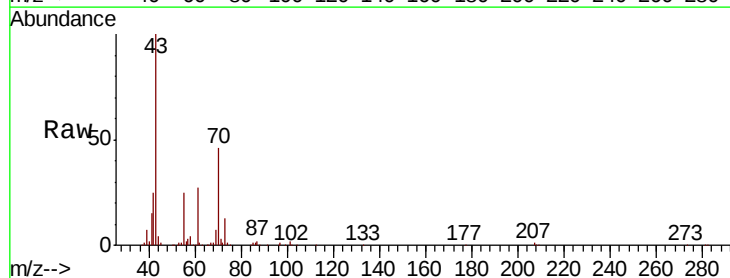
Ion Ratio Lower Upper

43 100

70 44.1 33.0 49.4

55 24.7 18.2 27.2

61 25.4 19.4 29.2

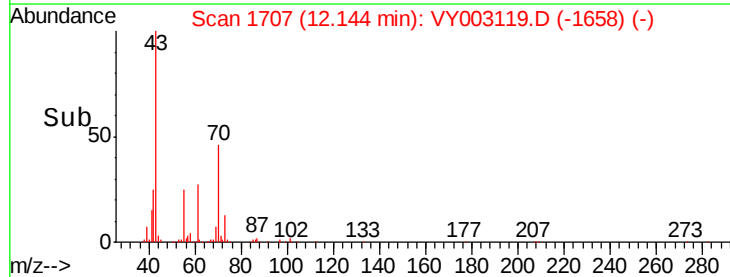
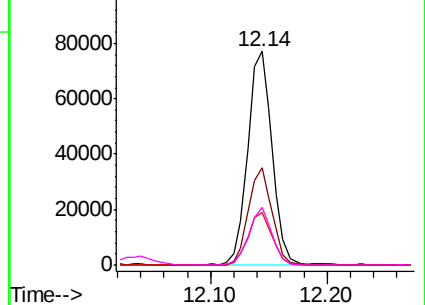


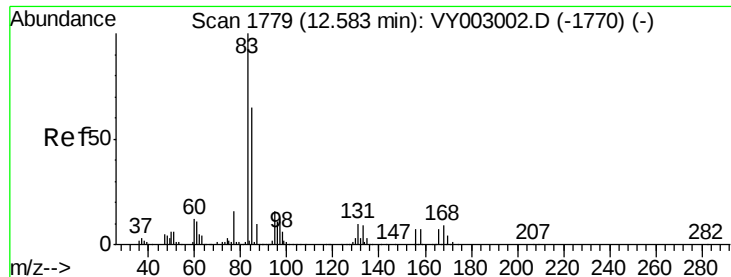
Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0





#75

1,1,2,2-Tetrachloroethane

Concen: 19.446 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY003119.D

Acq: 07 Jul 2020 12:03

Instrument :

MSVOA_Y

ClientSampleId :

VY0707SBS01

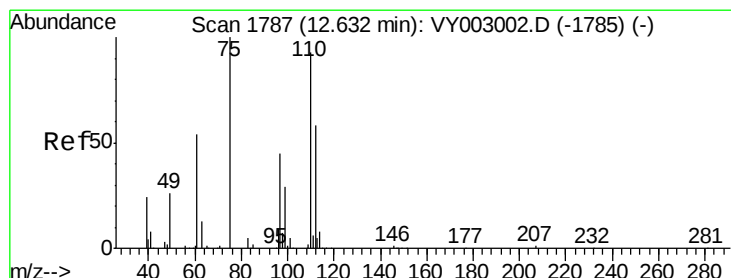
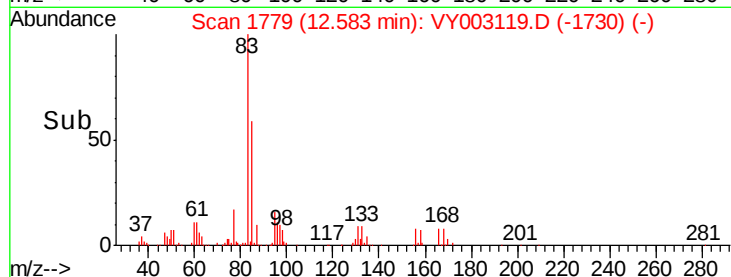
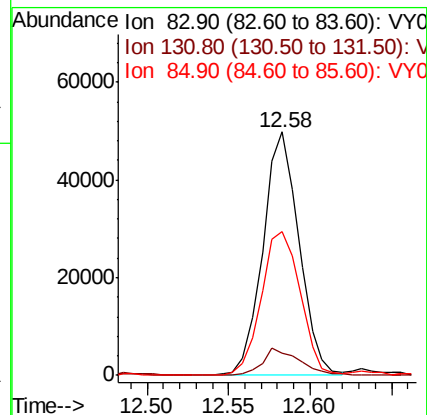
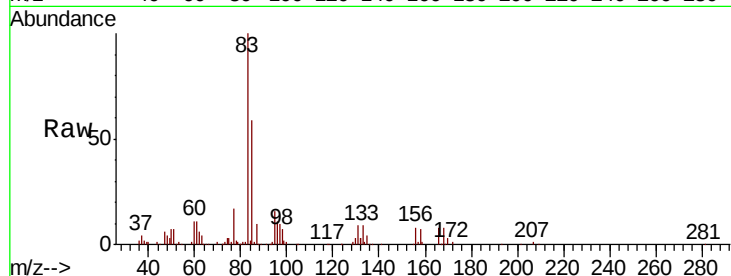
Tot Ion: 83 Resp: 76510

Ion Ratio Lower Upper

83 100

131 11.1 5.3 16.1

85 63.8 32.1 96.3



#76

1,2,3-Trichloropropane

Concen: 35.724 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. 0.00 min

Lab File: VY003119.D

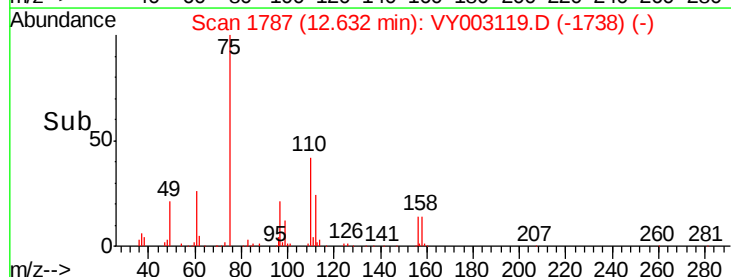
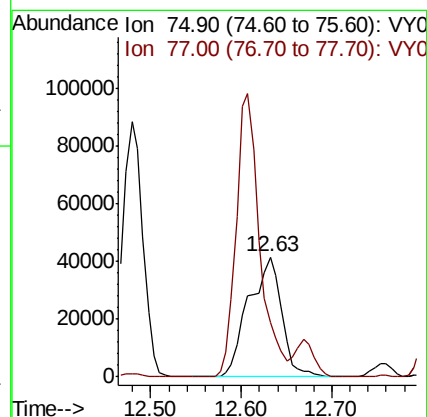
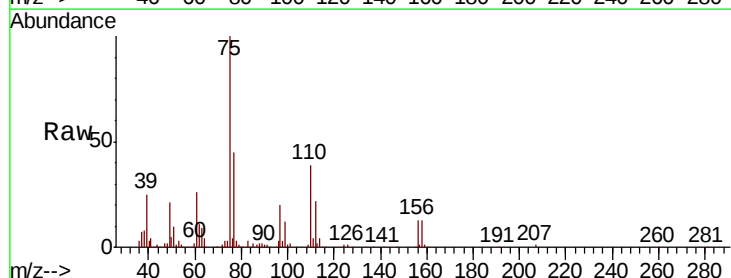
Acq: 07 Jul 2020 12:03

Tgt Ion: 75 Resp: 105324

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.762 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY003119.D

Acq: 07 Jul 2020 12:03

Instrument :

MSVOA_Y

ClientSampleId :

VY0707SBS01

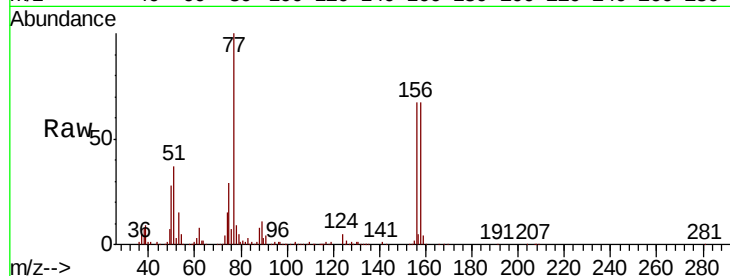
Tot Ion:156 Resp: 103784

Ion Ratio Lower Upper

156 100

77 171.3 90.0 270.0

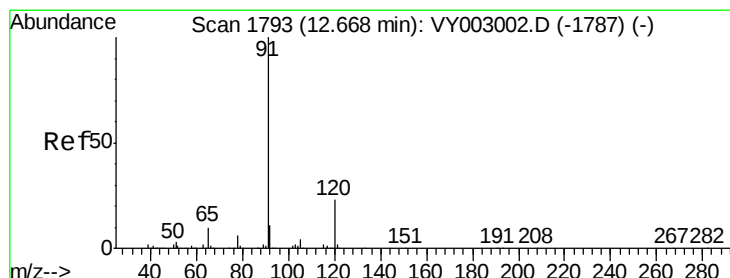
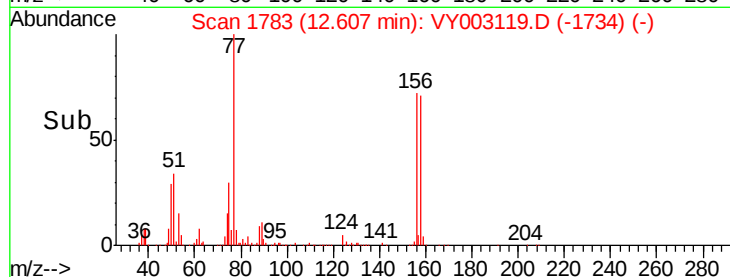
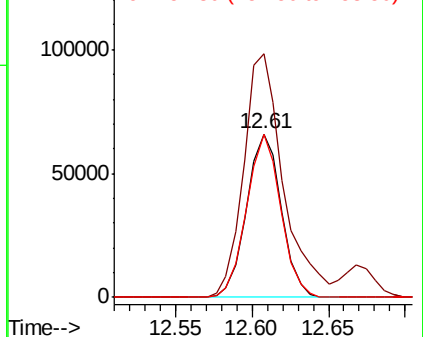
158 98.1 48.5 145.5



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: 20.917 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VY003119.D

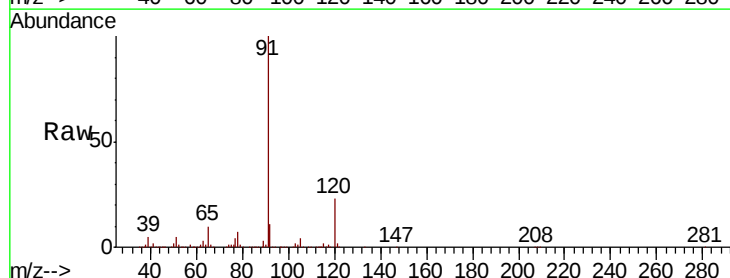
Acq: 07 Jul 2020 12:03

Tgt Ion: 91 Resp: 490442

Ion Ratio Lower Upper

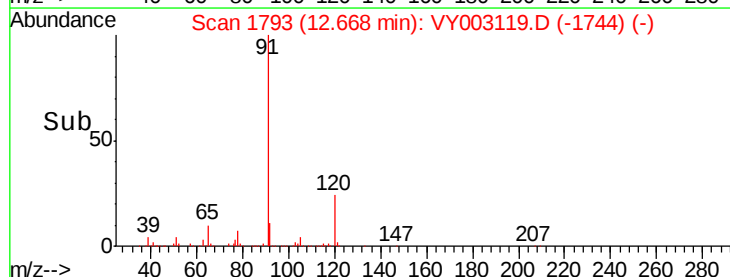
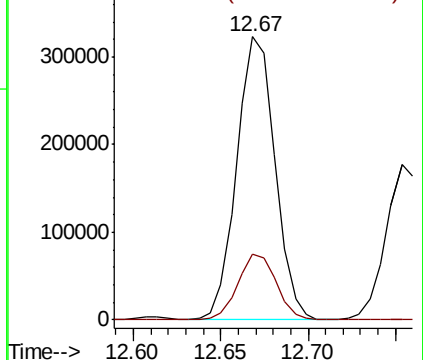
91 100

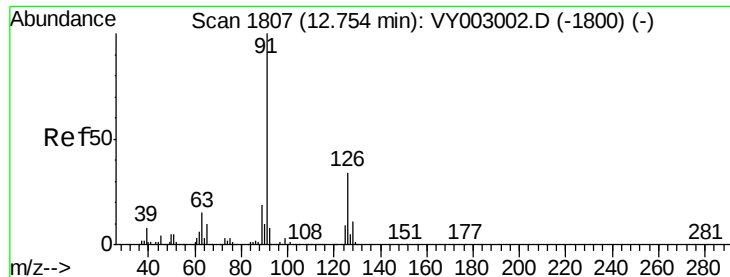
120 23.3 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

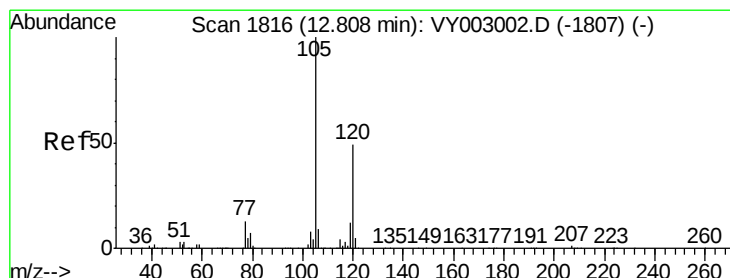
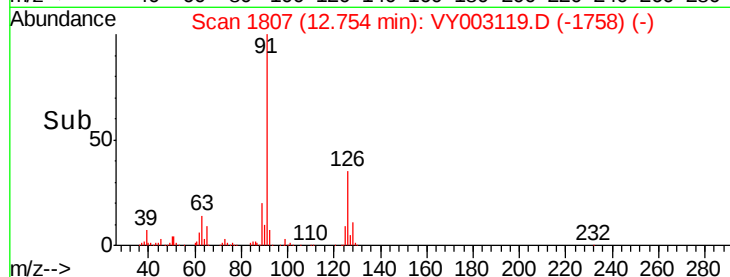
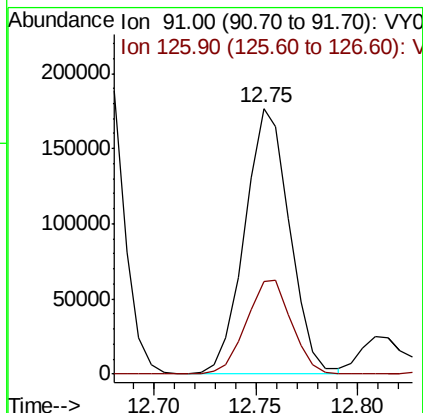
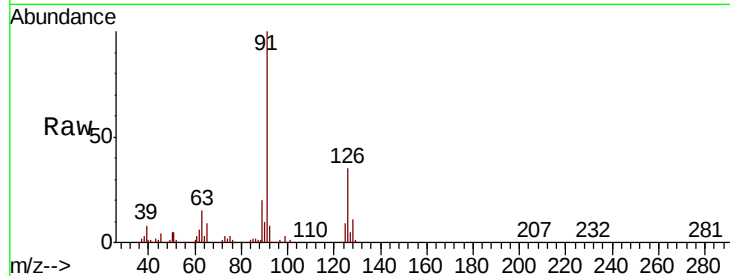




#79
 2-Chlorotoluene
 Concen: 20.623 ug/l
 RT: 12.75 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VY003119.D
 Acq: 07 Jul 2020 12:03

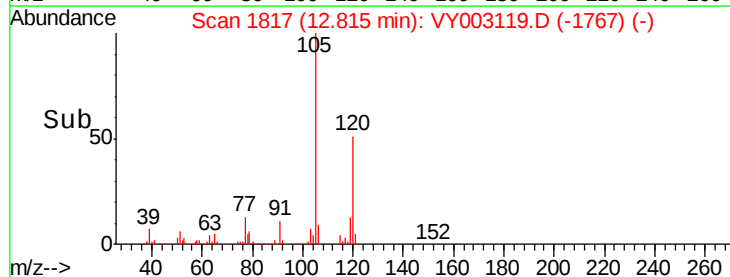
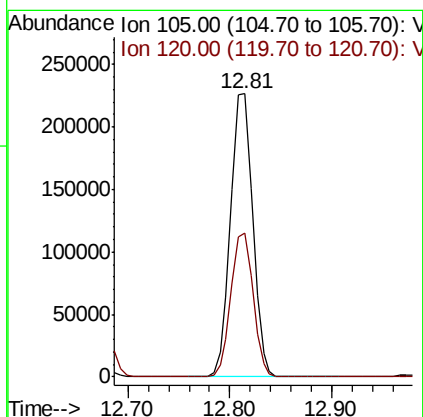
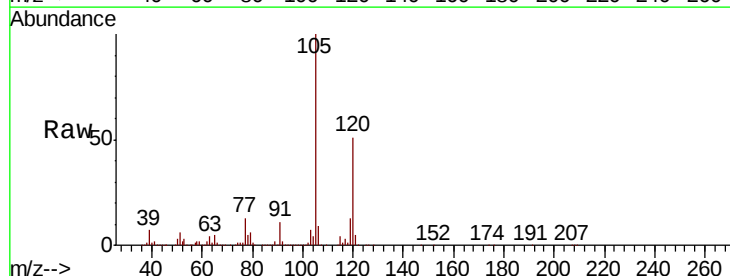
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0707SBS01

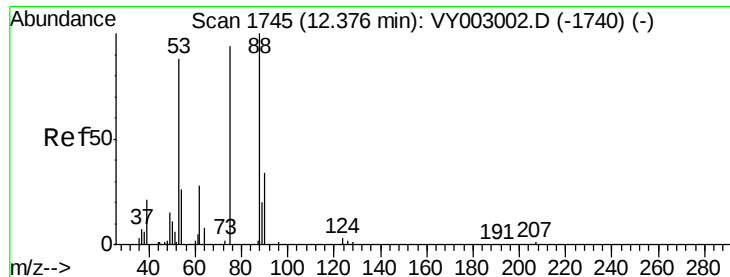
Tot Ion: 91 Resp: 269905
 Ion Ratio Lower Upper
 91 100
 126 35.8 17.1 51.3



#80
 1,3,5-Trimethylbenzene
 Concen: 20.829 ug/l
 RT: 12.81 min Scan# 1817
 Delta R.T. 0.01 min
 Lab File: VY003119.D
 Acq: 07 Jul 2020 12:03

Tgt Ion: 105 Resp: 340762
 Ion Ratio Lower Upper
 105 100
 120 50.8 24.6 73.6





#81

trans-1,4-Dichloro-2-butene

Concen: 17.853 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. 0.00 min

Lab File: VY003119.D

Acq: 07 Jul 2020 12:03

Instrument :

MSVOA_Y

ClientSampleId :

VY0707SBS01

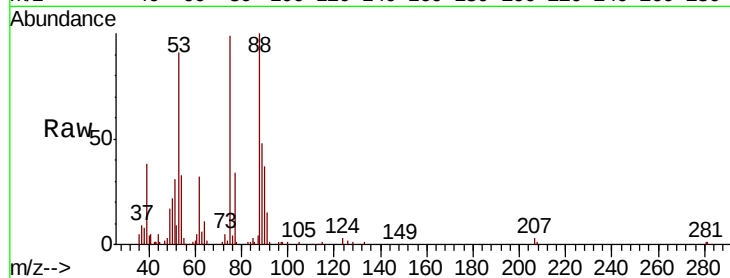
Tot Ion: 75 Resp: 27054

Ion Ratio Lower Upper

75 100

53 91.9 73.9 110.9

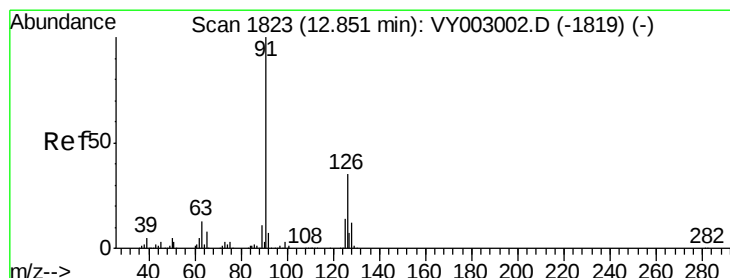
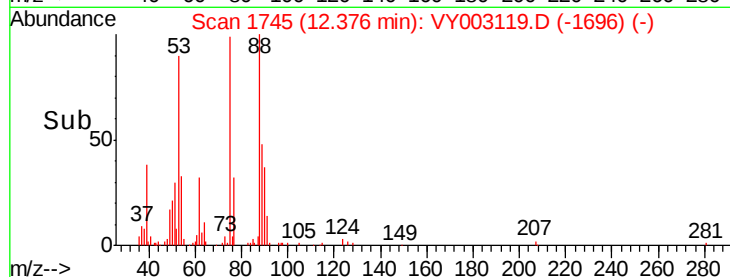
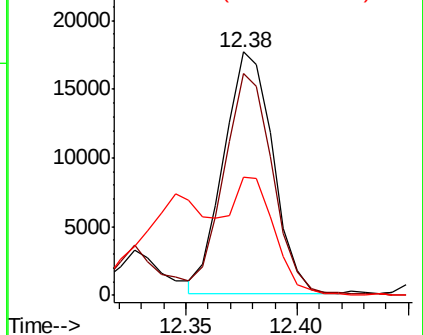
89 44.6 37.5 56.3



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: 20.553 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. 0.00 min

Lab File: VY003119.D

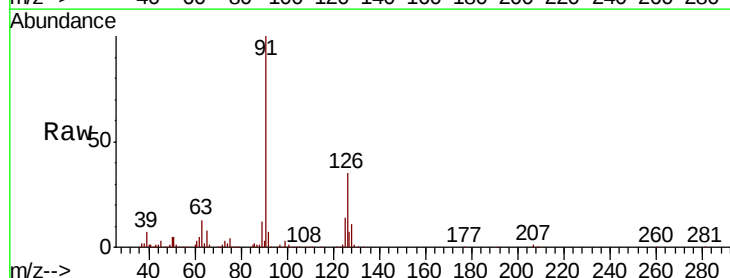
Acq: 07 Jul 2020 12:03

Tgt Ion: 91 Resp: 280058

Ion Ratio Lower Upper

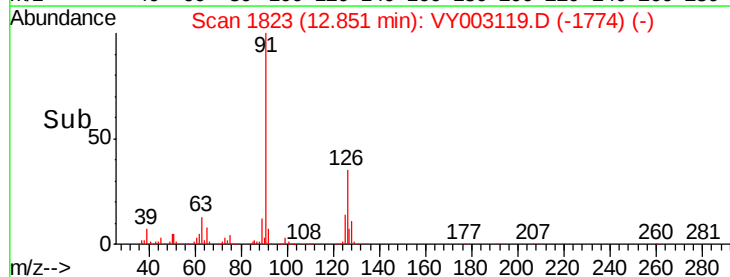
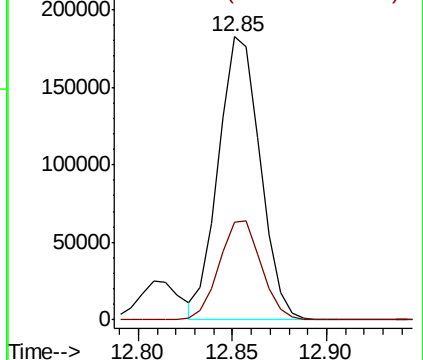
91 100

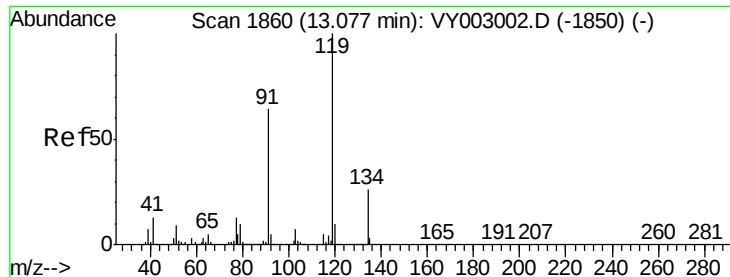
126 35.3 17.4 52.3



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 21.072 ug/l

RT: 13.08 min Scan# 1860

Delta R.T. 0.00 min

Lab File: VY003119.D

Acq: 07 Jul 2020 12:03

Instrument :

MSVOA_Y

ClientSampleId :

VY0707SBS01

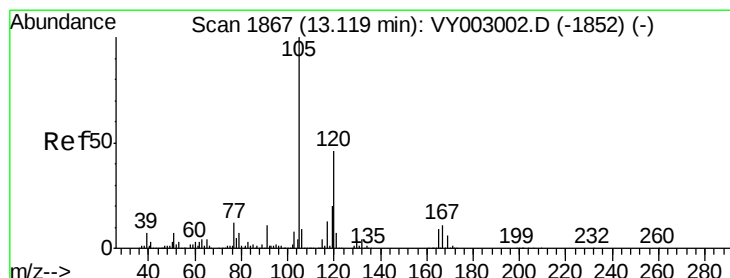
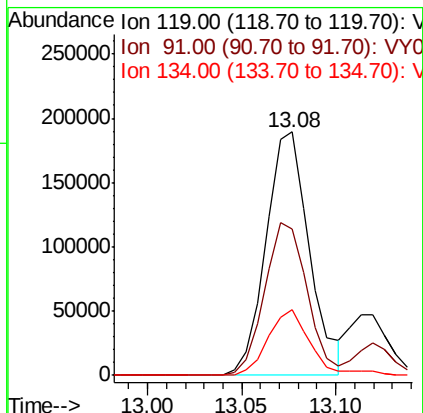
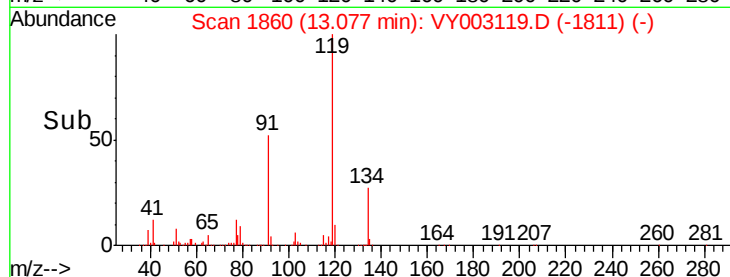
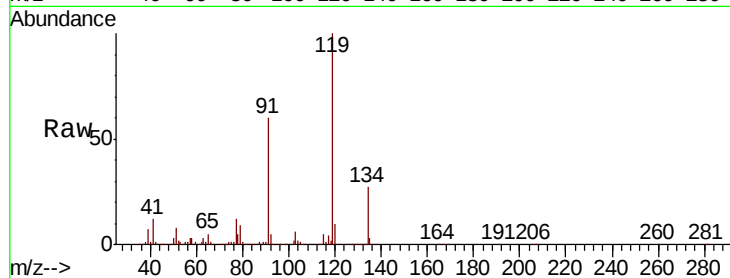
Tot Ion:119 Resp: 302714

Ion Ratio Lower Upper

119 100

91 61.5 31.6 95.0

134 26.7 13.2 39.5



#84

1,2,4-Trimethylbenzene

Concen: 21.026 ug/l

RT: 13.12 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VY003119.D

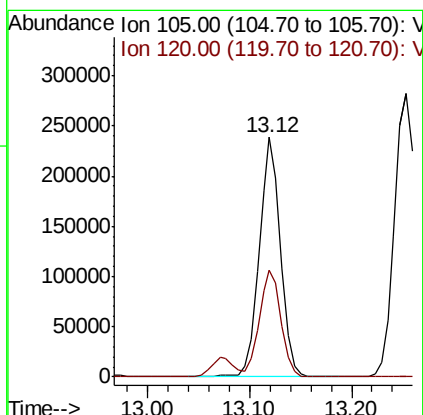
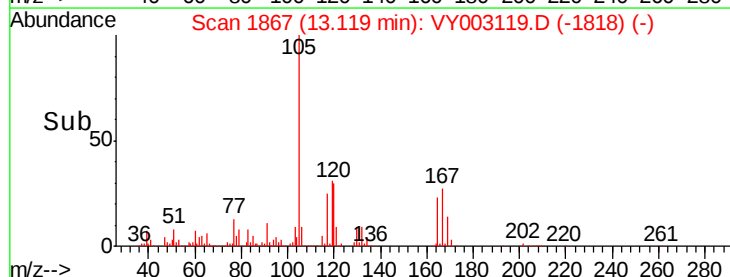
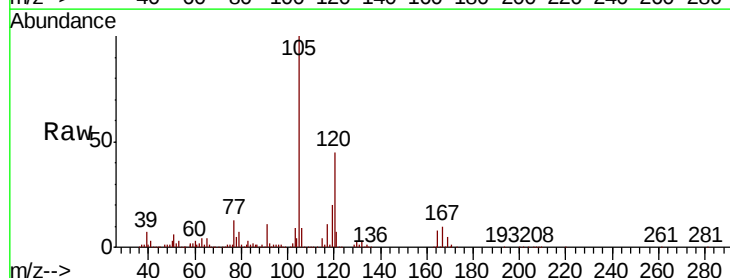
Acq: 07 Jul 2020 12:03

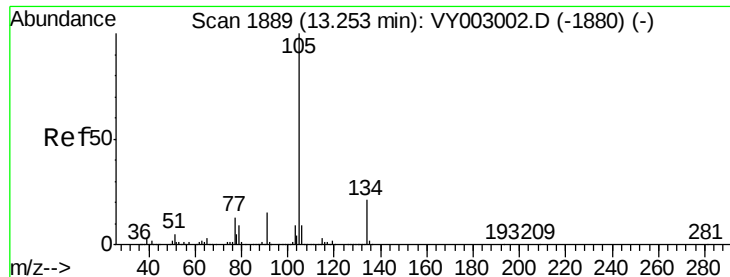
Tgt Ion:105 Resp: 346615

Ion Ratio Lower Upper

105 100

120 45.3 22.6 67.8





#85

sec-Butylbenzene

Concen: 21.194 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VY003119.D

Acq: 07 Jul 2020 12:03

Instrument :

MSVOA_Y

ClientSampleId :

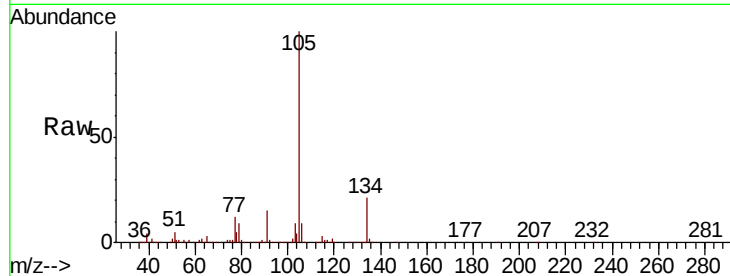
VY0707SBS01

Tot Ion:105 Resp: 419661

Ion Ratio Lower Upper

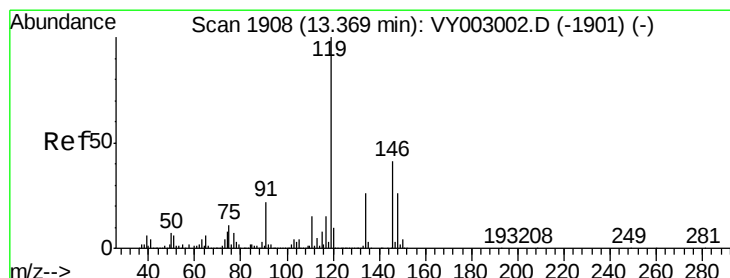
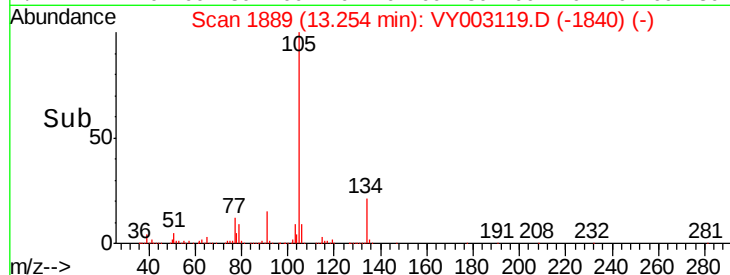
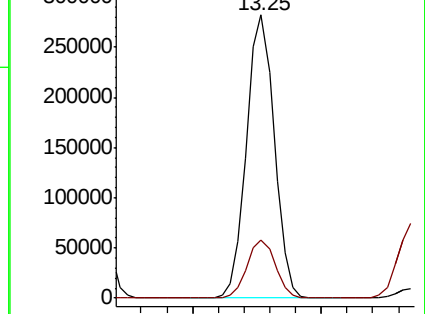
105 100

134 20.9 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: 21.311 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY003119.D

Acq: 07 Jul 2020 12:03

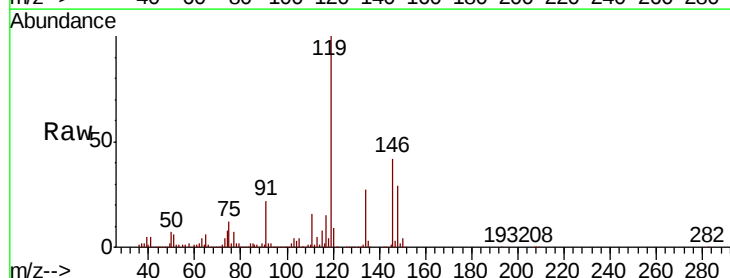
Tgt Ion:119 Resp: 391007

Ion Ratio Lower Upper

119 100

134 27.2 13.5 40.4

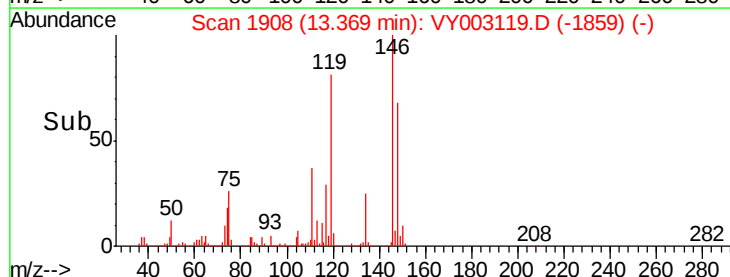
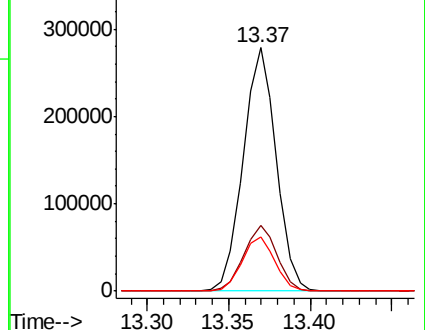
91 22.4 11.5 34.5

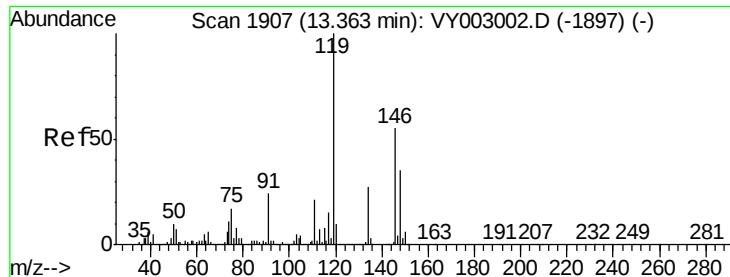


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

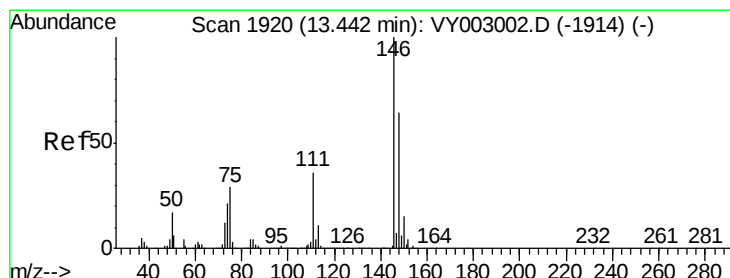
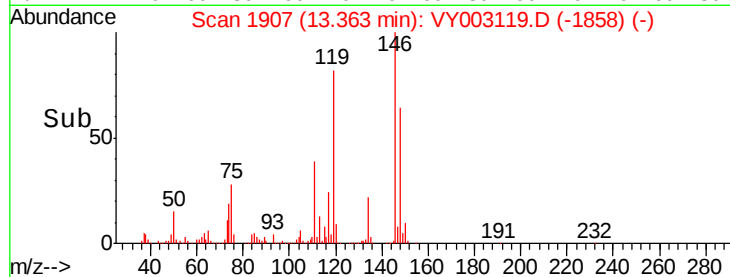
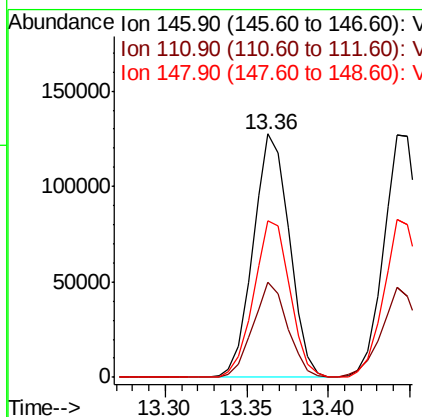
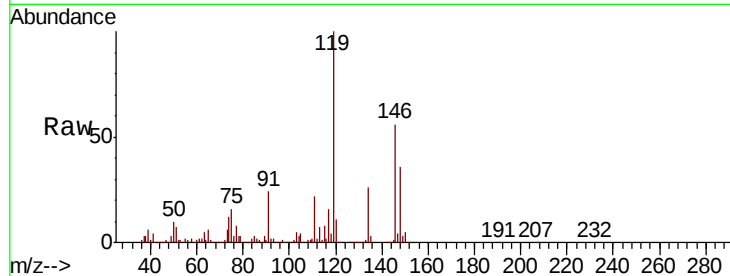




#87
 1,3-Dichlorobenzene
 Concen: 21.142 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VY003119.D
 Acq: 07 Jul 2020 12:03

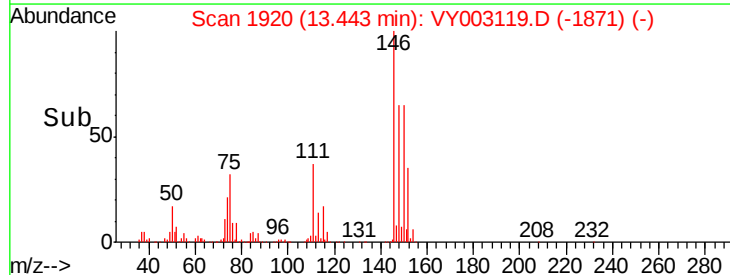
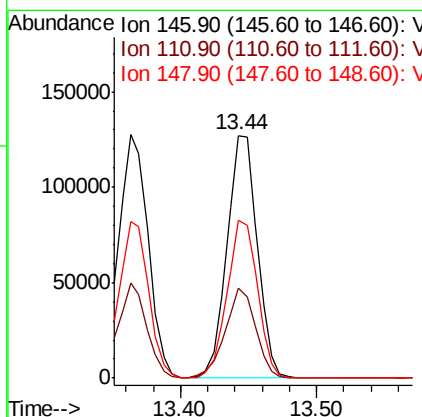
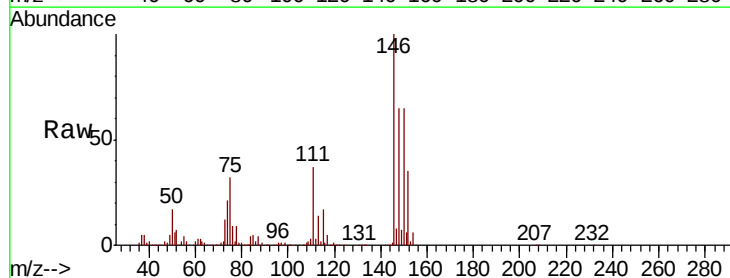
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0707SBS01

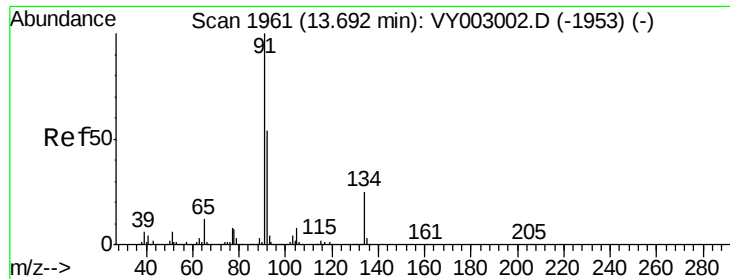
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.2	18.8	56.3
148	64.3	31.8	95.3



#88
 1,4-Dichlorobenzene
 Concen: 21.381 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. 0.00 min
 Lab File: VY003119.D
 Acq: 07 Jul 2020 12:03

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.4	18.4	55.4
148	65.4	32.3	96.9

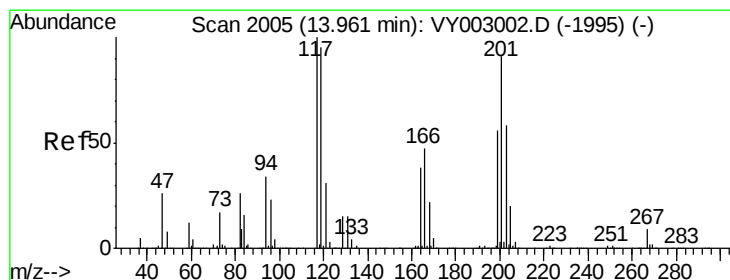
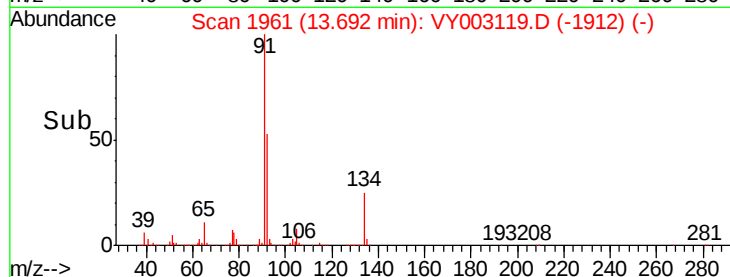
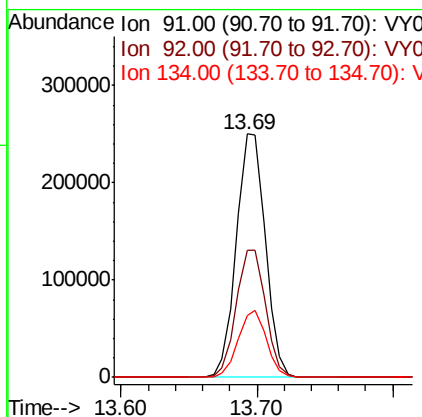
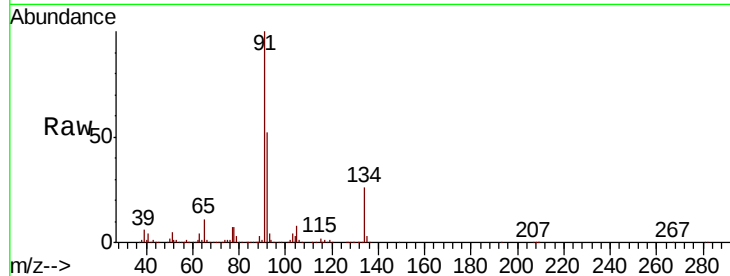




#89
n-Butylbenzene
Concen: 21.226 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. 0.00 min
Lab File: VY003119.D
Acq: 07 Jul 2020 12:03

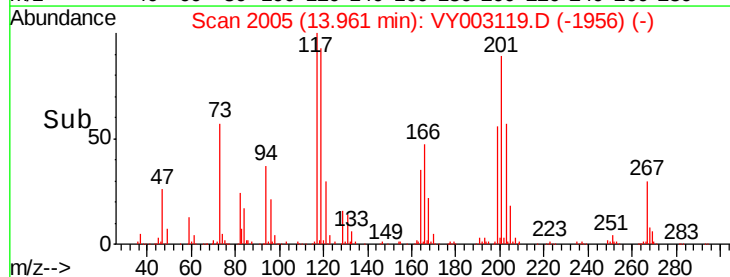
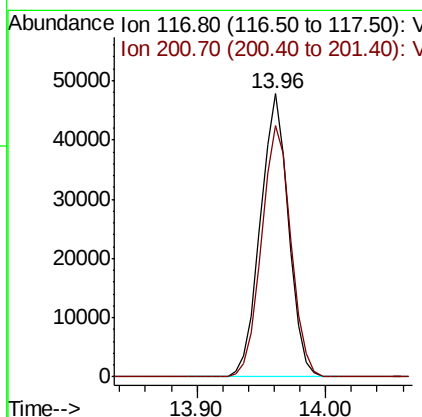
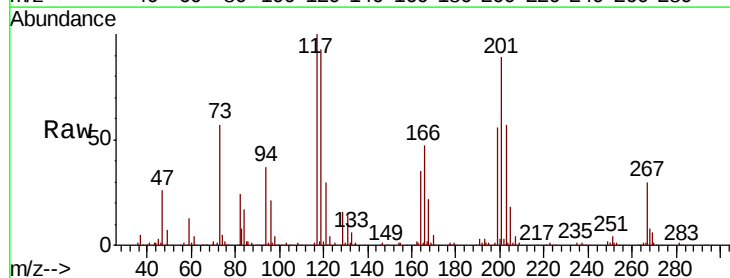
Instrument :
MSVOA_Y
ClientSampleId :
VY0707SBS01

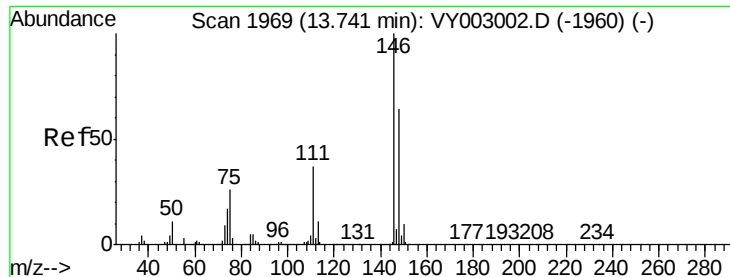
Tot Ion: 91 Resp: 372615
Ion Ratio Lower Upper
91 100
92 53.0 26.8 80.3
134 26.7 13.1 39.1



#90
Hexachloroethane
Concen: 19.783 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. 0.00 min
Lab File: VY003119.D
Acq: 07 Jul 2020 12:03

Tgt Ion: 117 Resp: 72076
Ion Ratio Lower Upper
117 100
201 92.4 45.5 136.4





#91

1,2-Dichlorobenzene

Concen: 20.875 ug/l

RT: 13.74 min Scan# 1968

Delta R.T. -0.01 min

Lab File: VY003119.D

Acq: 07 Jul 2020 12:03

Instrument :

MSVOA_Y

ClientSampleId :

VY0707SBS01

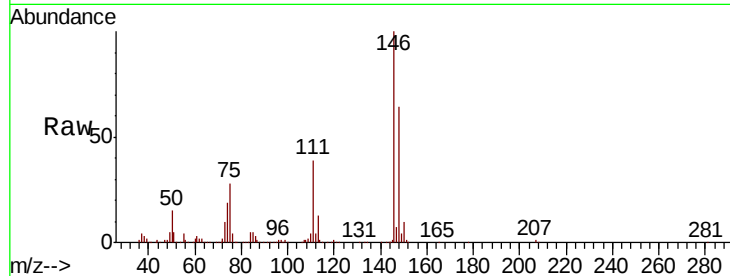
Tot Ion:146 Resp: 174798

Ion Ratio Lower Upper

146 100

111 39.0 19.1 57.5

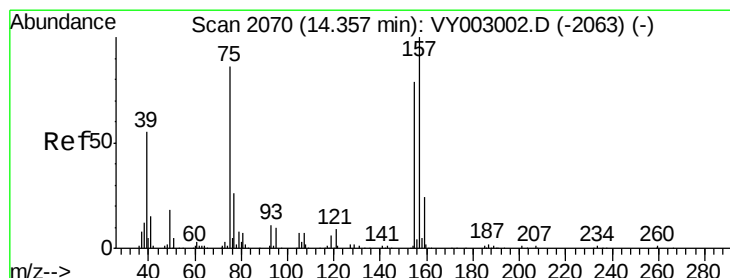
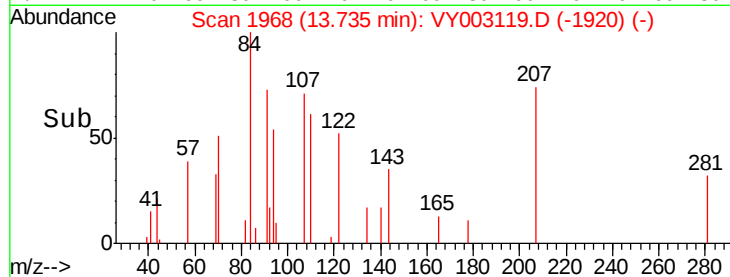
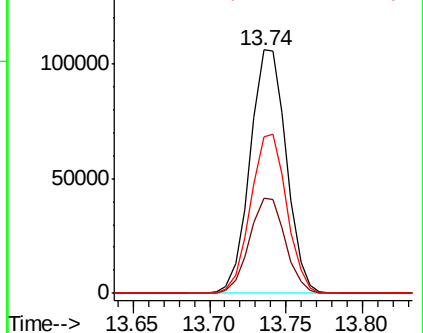
148 65.1 31.8 95.3



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: 18.905 ug/l

RT: 14.36 min Scan# 2070

Delta R.T. 0.00 min

Lab File: VY003119.D

Acq: 07 Jul 2020 12:03

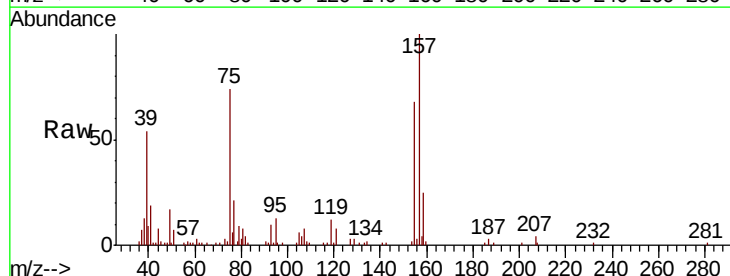
Tgt Ion: 75 Resp: 13167

Ion Ratio Lower Upper

75 100

155 93.9 46.5 139.3

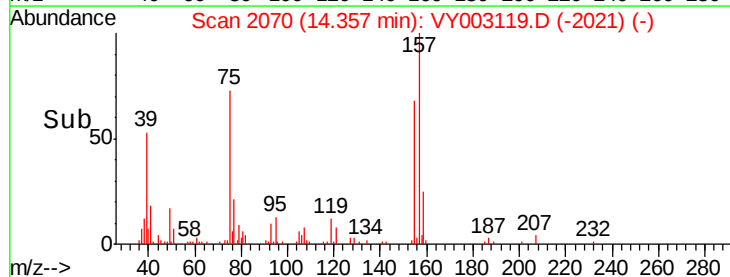
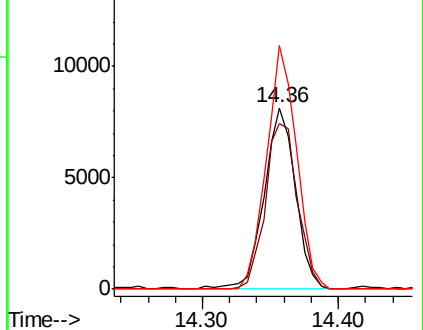
157 129.2 59.2 177.5

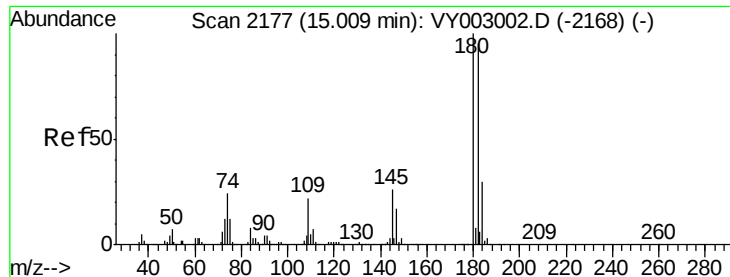


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

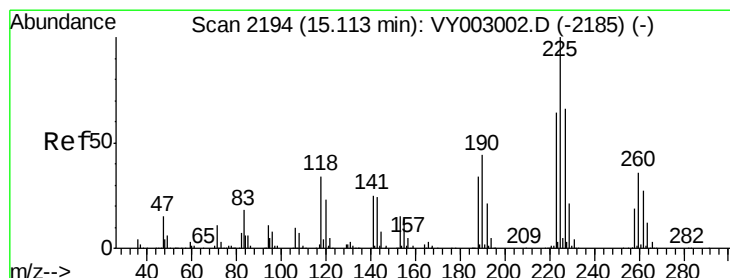
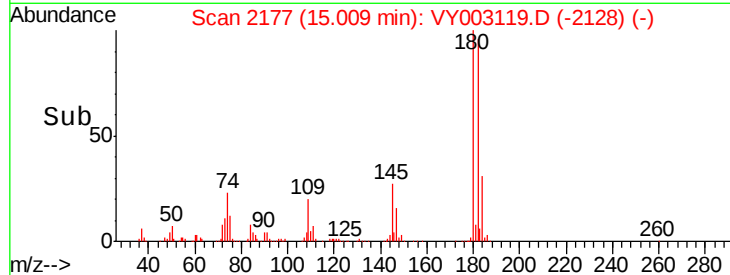
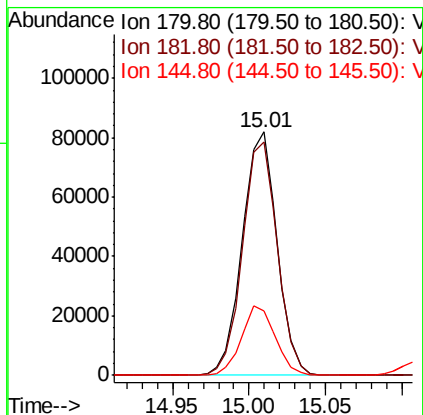
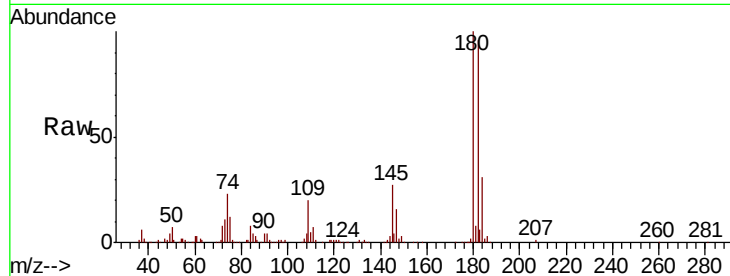




#93
 1,2,4-Trichlorobenzene
 Concen: 20.731 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VY003119.D
 Acq: 07 Jul 2020 12:03

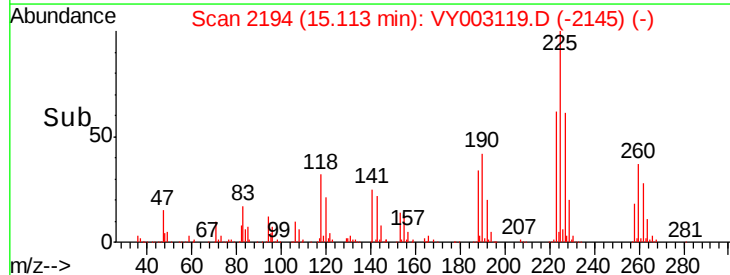
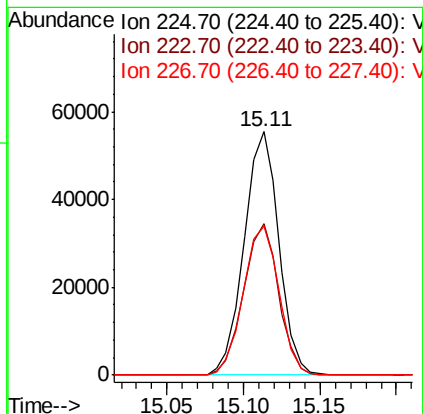
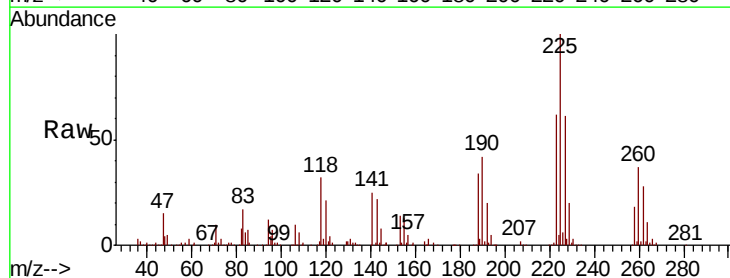
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0707SBS01

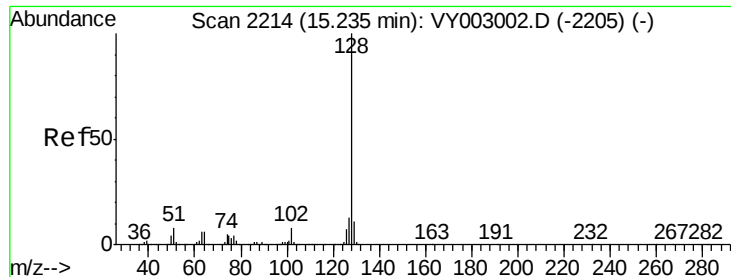
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.2	48.1	144.3
145	28.0	13.9	41.6



#94
 Hexachlorobutadiene
 Concen: 22.288 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.00 min
 Lab File: VY003119.D
 Acq: 07 Jul 2020 12:03

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.8	32.4	97.0
227	63.2	32.4	97.2

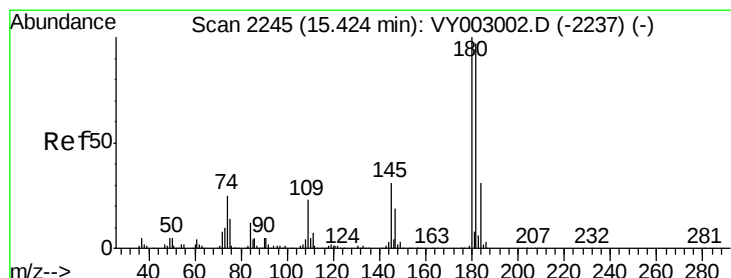
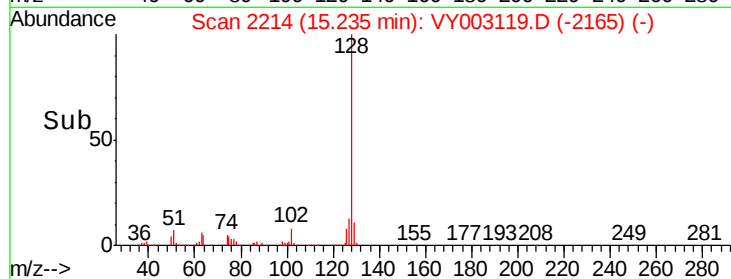
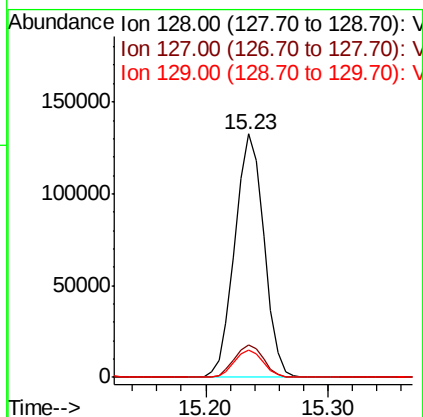
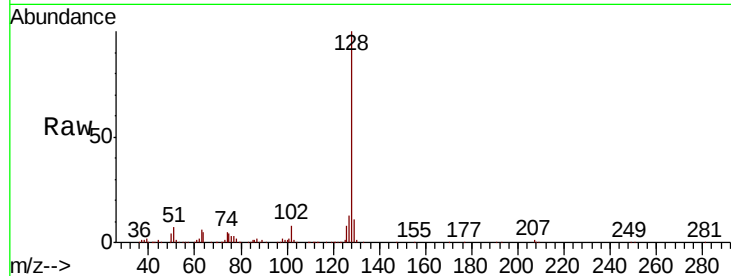




#95
Naphthalene
Concen: 19.243 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VY003119.D
Acq: 07 Jul 2020 12:03

Instrument :
MSVOA_Y
ClientSampleId :
VY0707SBS01

Tot Ion:128 Resp: 218690
Ion Ratio Lower Upper
128 100
127 13.5 10.8 16.2
129 11.1 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 19.877 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. 0.00 min
Lab File: VY003119.D
Acq: 07 Jul 2020 12:03

Tgt Ion:180 Resp: 107389
Ion Ratio Lower Upper
180 100
182 96.7 47.8 143.3
145 29.6 14.7 44.1

