

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY072020\
 Data File : VY003231.D
 Acq On : 20 Jul 2020 15:03
 Operator : SY/MD
 Sample : VY0720SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0720SBS01

Quant Time: Jul 21 03:17:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y071020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 10 13:18:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	396081	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	588681	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	542150	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	291087	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	184030	55.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.10%	
35) Dibromofluoromethane	7.72	113	168444	49.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.44%	
50) Toluene-d8	10.18	98	619904	49.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.44%	
62) 4-Bromofluorobenzene	12.48	95	226398	49.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.52%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	67409	23.745	ug/l	100
3) Chloromethane	2.12	50	92095	23.388	ug/l	97
4) Vinyl Chloride	2.26	62	89441	22.138	ug/l	100
5) Bromomethane	2.64	94	68000	22.660	ug/l	99
6) Chloroethane	2.79	64	56794	21.403	ug/l	91
7) Trichlorofluoromethane	3.13	101	125975	21.834	ug/l	99
8) Diethyl Ether	3.54	74	42895	22.186	ug/l	87
9) 1,1,2-Trichlorotrifluoroet	3.90	101	74011	21.239	ug/l	98
10) Methyl Iodide	4.10	142	69742	18.422	ug/l	97
11) Tert butyl alcohol	4.96	59	43971	121.638	ug/l	98
12) 1,1-Dichloroethene	3.88	96	68215	20.697	ug/l	91
13) Acrolein	3.73	56	31250	99.597	ug/l	99
14) Allyl chloride	4.49	41	121981	24.942	ug/l	94
15) Acrylonitrile	5.17	53	113983	122.730	ug/l	98
16) Acetone	3.96	43	96776	129.598	ug/l	98
17) Carbon Disulfide	4.19	76	218772	21.631	ug/l	98
18) Methyl Acetate	4.48	43	52493	25.313	ug/l	93
19) Methyl tert-butyl Ether	5.22	73	203483	22.030	ug/l	99
20) Methylene Chloride	4.72	84	99408	23.552	ug/l	94
21) trans-1,2-Dichloroethene	5.22	96	77585	20.812	ug/l	90
22) Diisopropyl ether	6.13	45	266829	24.583	ug/l	94
23) Vinyl Acetate	6.07	43	886365	122.519	ug/l	98
24) 1,1-Dichloroethane	6.03	63	142452	22.654	ug/l	99
25) 2-Butanone	6.99	43	156063	127.286	ug/l	95
26) 2,2-Dichloropropane	6.99	77	125358	22.136	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	86051	20.965	ug/l	93
28) Bromochloromethane	7.34	49	70834	26.018	ug/l	90
29) Tetrahydrofuran	7.35	42	105950	128.633	ug/l	92
30) Chloroform	7.51	83	142881	22.061	ug/l	99
31) Cyclohexane	7.79	56	137138	22.553	ug/l	95
32) 1,1,1-Trichloroethane	7.71	97	124827	21.409	ug/l	99
36) 1,1-Dichloropropene	7.92	75	113557	21.284	ug/l	98
37) Ethyl Acetate	7.08	43	70964	24.698	ug/l	99
38) Carbon Tetrachloride	7.90	117	113412	20.590	ug/l	99

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 Quant Title : SW846 8260
 QLast Update : Fri Jul 10 13:18:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	136411	20.352	ug/l	96
40) Benzene	8.16	78	310316	21.123	ug/l	99
41) Methacrylonitrile	7.35	41	97278	56.214	ug/l #	45
42) 1,2-Dichloroethane	8.24	62	98532	21.786	ug/l	99
43) Isopropyl Acetate	8.28	43	131250	23.599	ug/l	97
44) Trichloroethene	8.94	130	87567	19.444	ug/l	100
45) 1,2-Dichloropropane	9.22	63	83090	21.858	ug/l	96
46) Dibromomethane	9.31	93	46816	21.086	ug/l	98
47) Bromodichloromethane	9.50	83	113980	21.585	ug/l	98
48) Methyl methacrylate	9.30	41	59917	24.098	ug/l	91
49) 1,4-Dioxane	9.30	88	12450	441.829	ug/l #	87
51) 4-Methyl-2-Pentanone	10.07	43	346794	119.967	ug/l	96
52) Toluene	10.24	92	193537	20.611	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	119263	21.799	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	134095	21.273	ug/l	99
55) 1,1,2-Trichloroethane	10.64	97	66416	21.110	ug/l	95
56) Ethyl methacrylate	10.51	69	93852	21.942	ug/l	94
57) 1,3-Dichloropropane	10.79	76	115335	21.621	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	256534	117.600	ug/l	97
59) 2-Hexanone	10.83	43	242035	119.941	ug/l	96
60) Dibromochloromethane	10.99	129	83578	21.121	ug/l	99
61) 1,2-Dibromoethane	11.09	107	63567	20.472	ug/l	99
64) Tetrachloroethene	10.72	164	89456	18.506	ug/l	99
65) Chlorobenzene	11.52	112	213101	20.404	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.59	131	83500	20.584	ug/l	98
67) Ethyl Benzene	11.59	91	382253	20.498	ug/l	98
68) m/p-Xylenes	11.70	106	289011	40.846	ug/l	99
69) o-Xylene	12.03	106	134356	20.326	ug/l	96
70) Styrene	12.04	104	231035	20.431	ug/l	98
71) Bromoform	12.20	173	55686	20.916	ug/l #	99
73) Isopropylbenzene	12.33	105	374194	20.172	ug/l	100
74) N-amyl acetate	12.14	43	122173	23.473	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.58	83	79413	22.166	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	105991	41.136	ug/l #	100
77) Bromobenzene	12.61	156	95664	20.232	ug/l	97
78) n-propylbenzene	12.67	91	450950	20.623	ug/l	99
79) 2-Chlorotoluene	12.75	91	252003	20.656	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	314702	20.355	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	29809	22.516	ug/l #	83
82) 4-Chlorotoluene	12.85	91	260882	20.488	ug/l	100
83) tert-Butylbenzene	13.07	119	277329	20.329	ug/l	98
84) 1,2,4-Trimethylbenzene	13.12	105	318707	20.488	ug/l	99
85) sec-Butylbenzene	13.25	105	388971	20.745	ug/l	99
86) p-Isopropyltoluene	13.37	119	352787	20.151	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	179425	20.066	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	180144	20.349	ug/l	98
89) n-Butylbenzene	13.69	91	340303	20.665	ug/l	99
90) Hexachloroethane	13.96	117	67434	21.151	ug/l	98
91) 1,2-Dichlorobenzene	13.73	146	160974	20.514	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	13066	22.495	ug/l	94

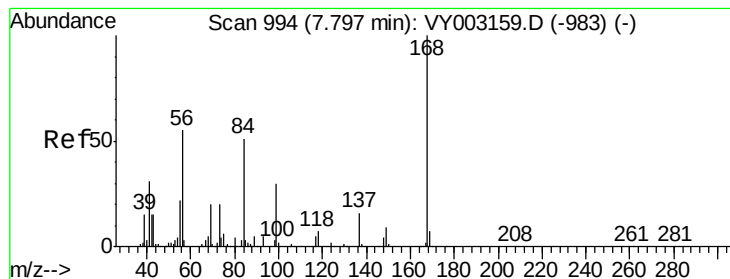
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY072020\
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Quant Title : SW846 8260
QLast Update : Fri Jul 10 13:18:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	116590	20.885	ug/l	99
94) Hexachlorobutadiene	15.11	225	79377	20.751	ug/l	98
95) Naphthalene	15.23	128	197124	21.367	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	93785	21.253	ug/l	98

(#) = 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: VY003231.D

Acq: 20 Jul 2020 15:03

Instrument :

MSVOA_Y

ClientSampleId :

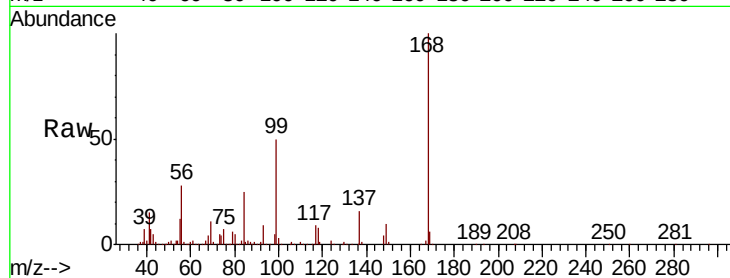
VY0720SBS01

Tot Ion:168 Resp: 396081

Ion Ratio Lower Upper

168 100

99 50.1 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): VY003231.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY003231.D (-945) (-)

7.80

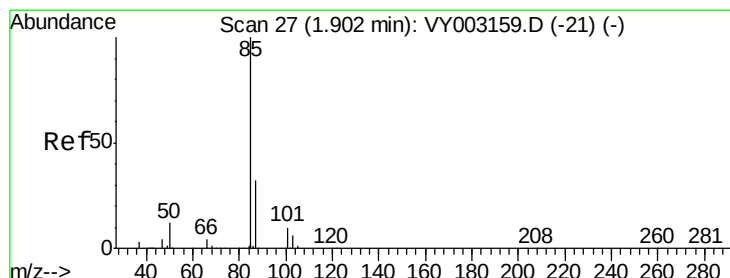
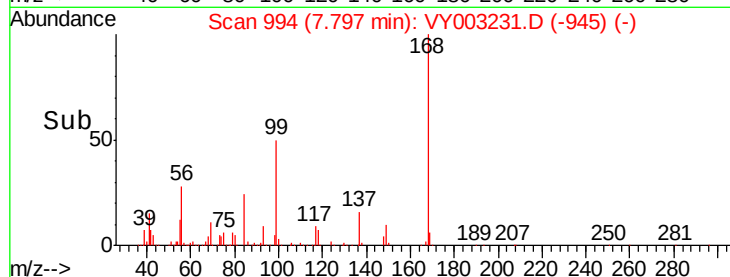
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 23.745 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.01 min

Lab File: VY003231.D

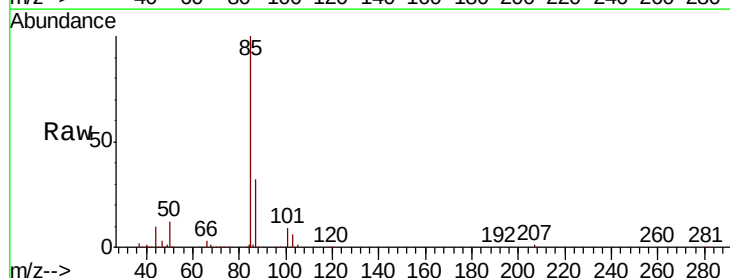
Acq: 20 Jul 2020 15:03

Tgt Ion: 85 Resp: 67409

Ion Ratio Lower Upper

85 100

87 32.0 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VY003231.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY003231.D (-1) (-)

1.91

40000

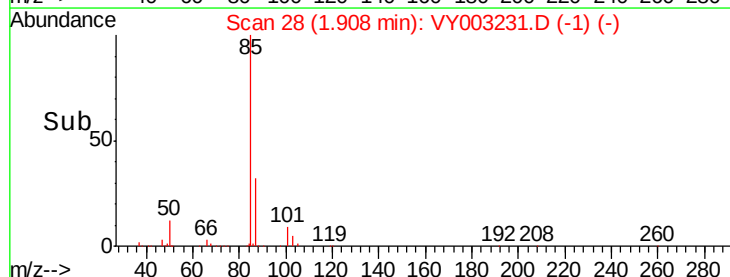
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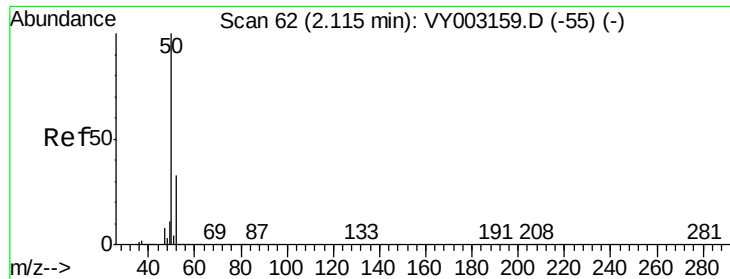
20000

10000

0

Time-->





#3

Chloromethane

Concen: 23.388 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY003231.D

Acq: 20 Jul 2020 15:03

Instrument :

MSVOA_Y

ClientSampleId :

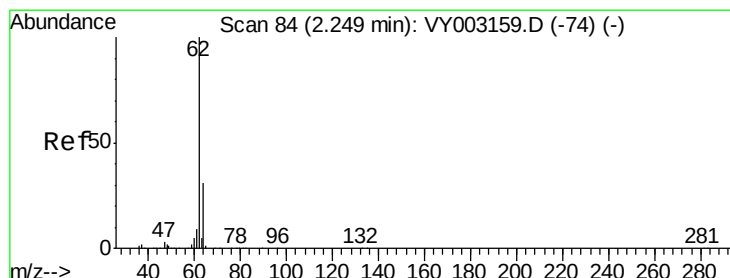
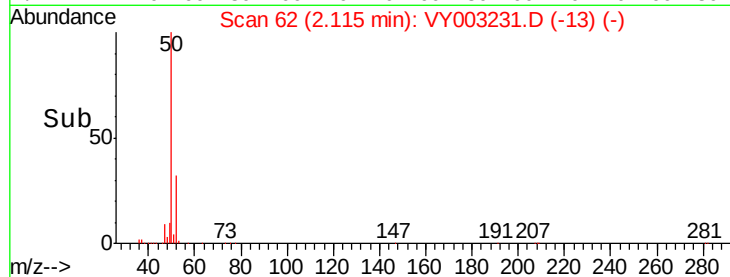
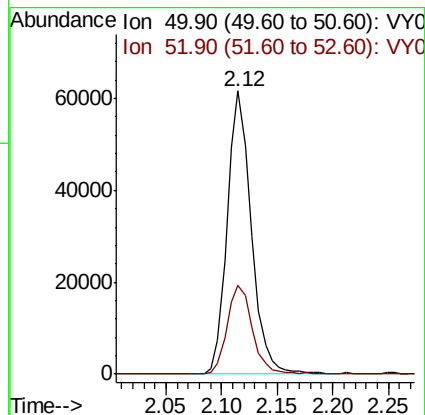
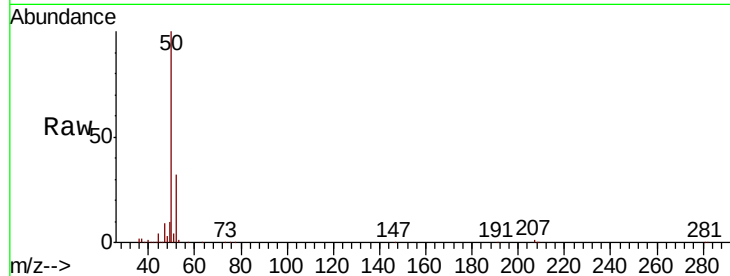
VY0720SBS01

Tot Ion: 50 Resp: 92095

Ion Ratio Lower Upper

50 100

52 31.6 26.6 39.8



#4

Vinyl Chloride

Concen: 22.138 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.01 min

Lab File: VY003231.D

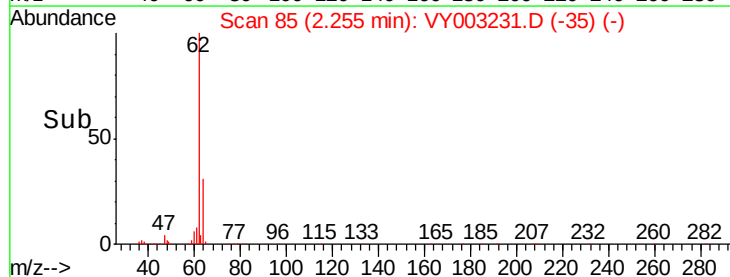
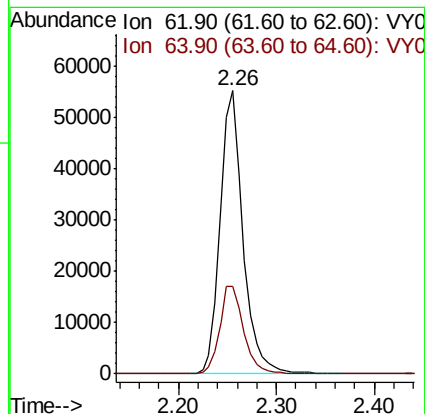
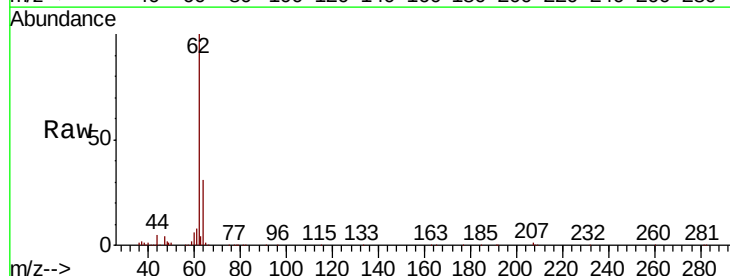
Acq: 20 Jul 2020 15:03

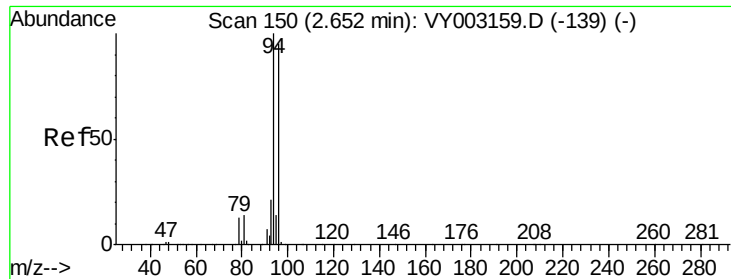
Tgt Ion: 62 Resp: 89441

Ion Ratio Lower Upper

62 100

64 31.0 24.6 37.0





#5

Bromomethane

Concen: 22.660 ug/l

RT: 2.64 min Scan# 148

Delta R.T. -0.01 min

Lab File: VY003231.D

Acq: 20 Jul 2020 15:03

Instrument :

MSVOA_Y

ClientSampleId :

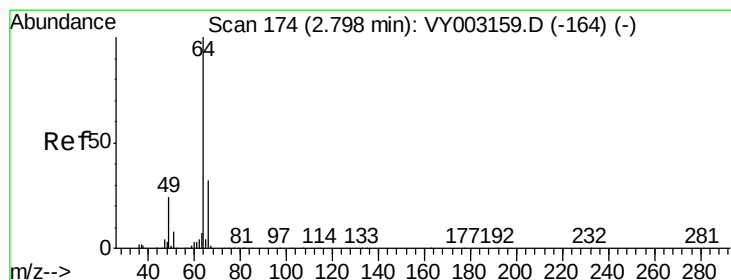
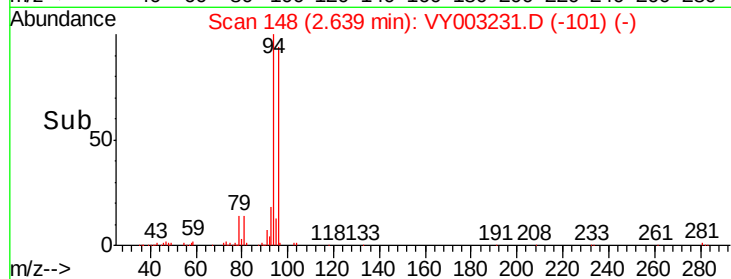
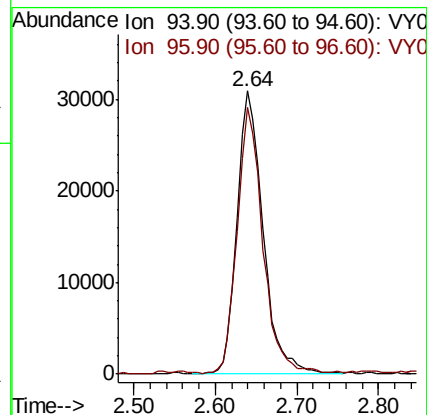
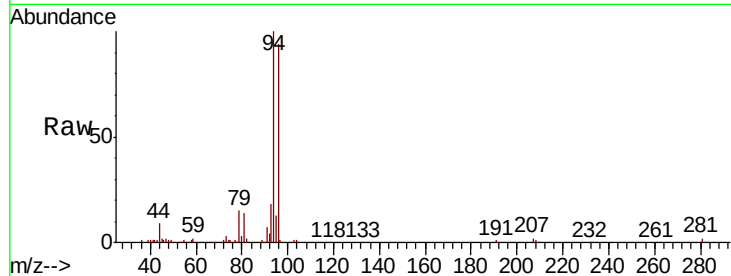
VY0720SBS01

Tot Ion: 94 Resp: 68000

Ion Ratio Lower Upper

94 100

96 93.8 76.0 114.0



#6

Chloroethane

Concen: 21.403 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.01 min

Lab File: VY003231.D

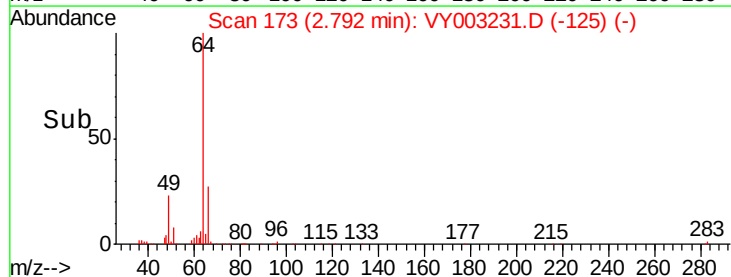
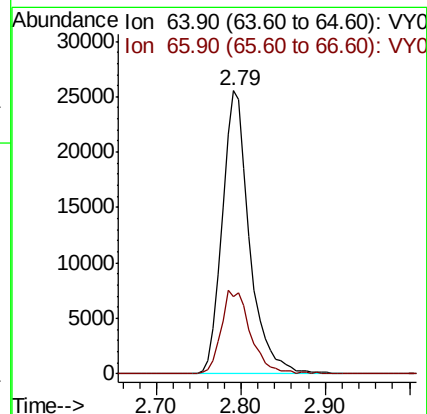
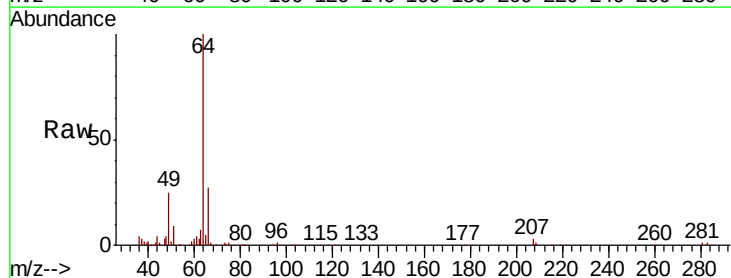
Acq: 20 Jul 2020 15:03

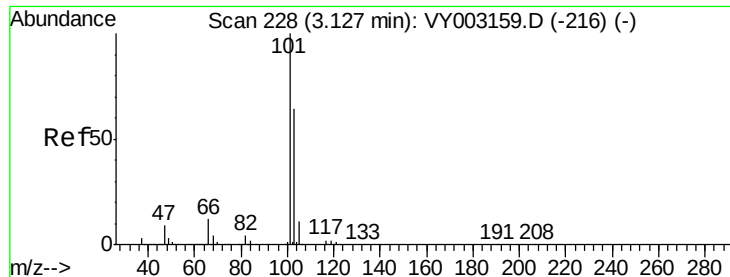
Tgt Ion: 64 Resp: 56794

Ion Ratio Lower Upper

64 100

66 27.4 26.0 39.0



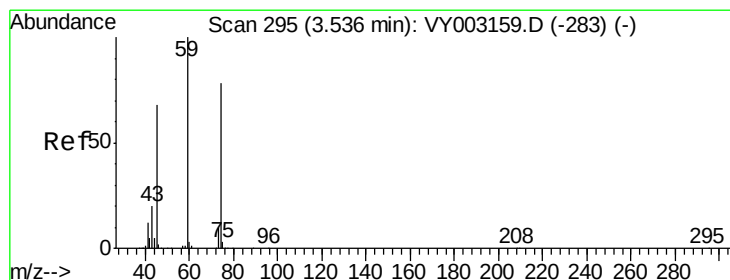
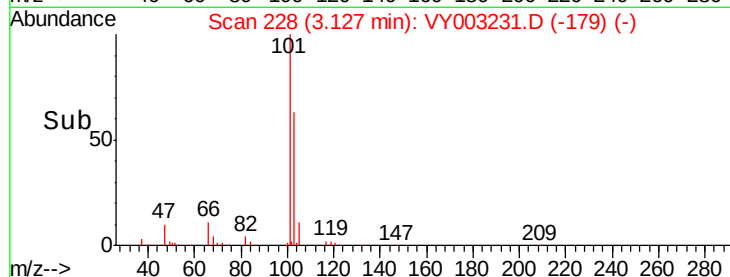
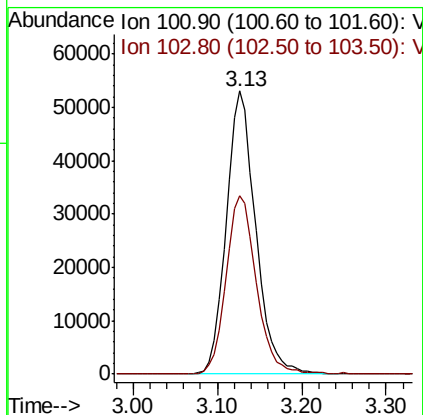
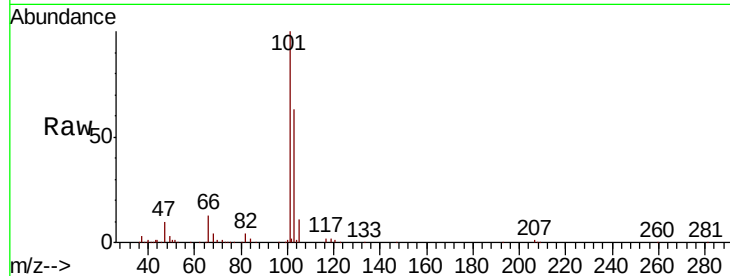


#7

Trichlorofluoromethane
 Concen: 21.834 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. -0.00 min
 Lab File: VY003231.D
 Acq: 20 Jul 2020 15:03

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0720SBS01

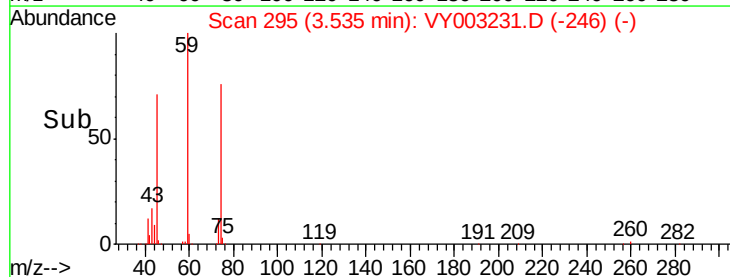
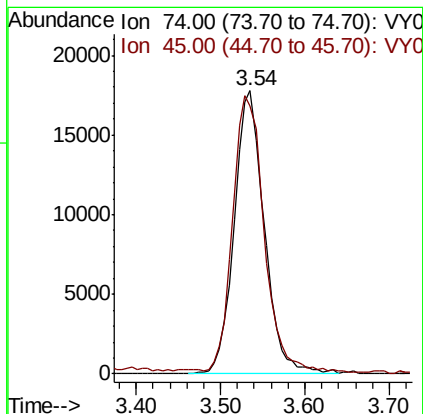
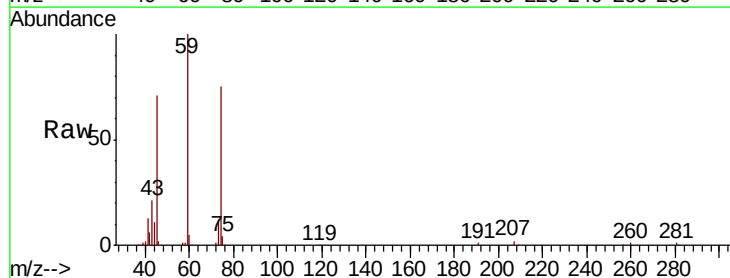
Tot Ion:101 Resp: 125975
 Ion Ratio Lower Upper
 101 100
 103 63.2 51.3 76.9

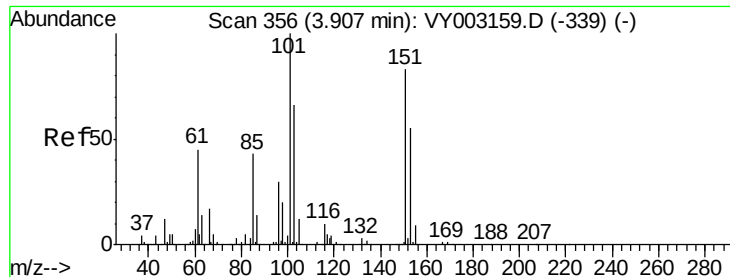


#8

Diethyl Ether
 Concen: 22.186 ug/l
 RT: 3.54 min Scan# 295
 Delta R.T. -0.00 min
 Lab File: VY003231.D
 Acq: 20 Jul 2020 15:03

Tgt Ion: 74 Resp: 42895
 Ion Ratio Lower Upper
 74 100
 45 102.4 45.3 135.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.239 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.01 min

Lab File: VY003231.D

Acq: 20 Jul 2020 15:03

Instrument :

MSVOA_Y

ClientSampleId :

VY0720SBS01

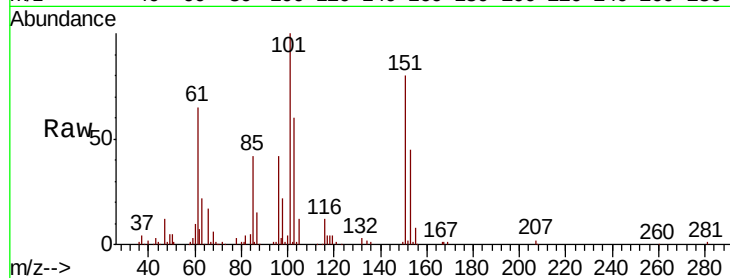
Tot Ion:101 Resp: 74011

Ion Ratio Lower Upper

101 100

85 44.5 34.9 52.3

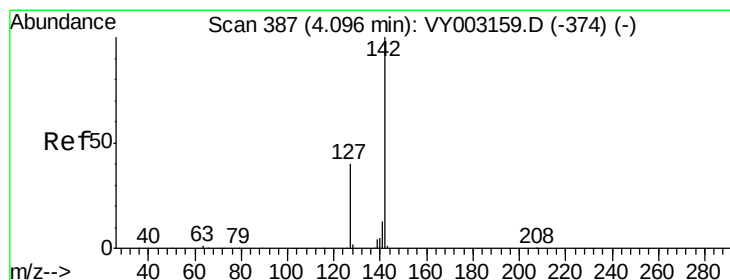
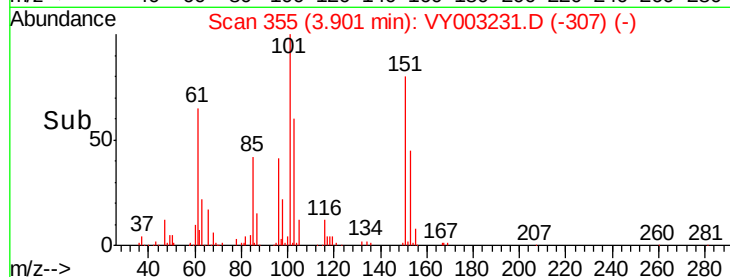
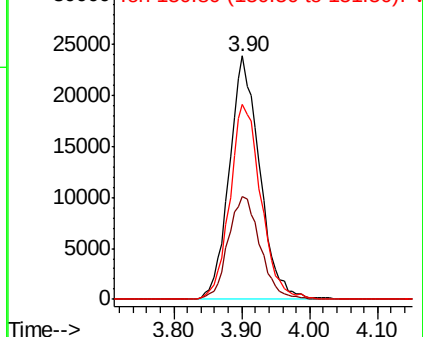
151 81.6 67.0 100.6



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: 18.422 ug/l

RT: 4.10 min Scan# 387

Delta R.T. -0.00 min

Lab File: VY003231.D

Acq: 20 Jul 2020 15:03

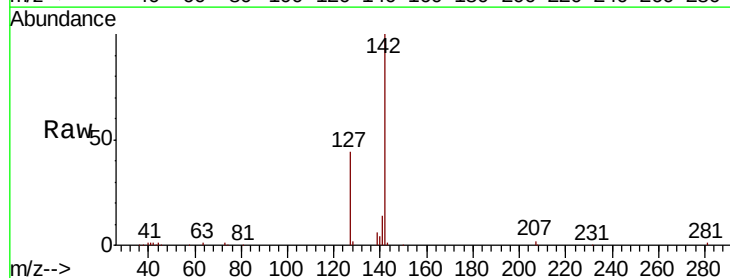
Tgt Ion:142 Resp: 69742

Ion Ratio Lower Upper

142 100

127 43.9 33.5 50.3

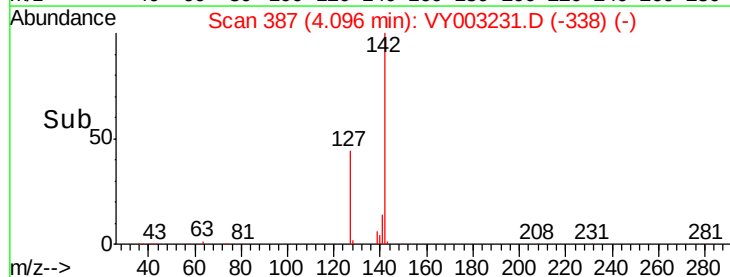
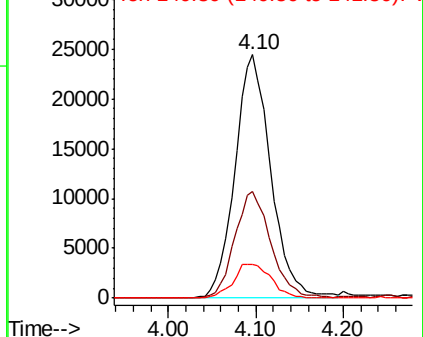
141 14.7 11.2 16.8

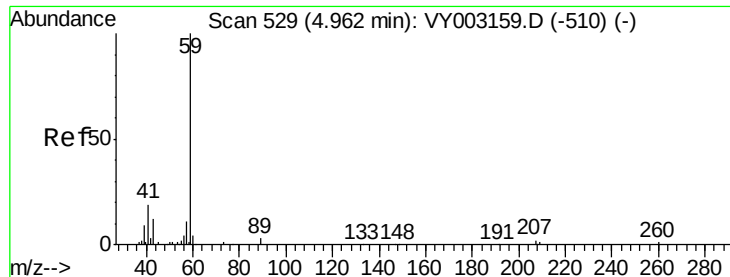


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



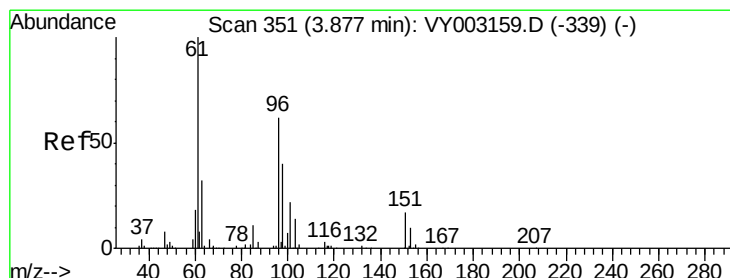
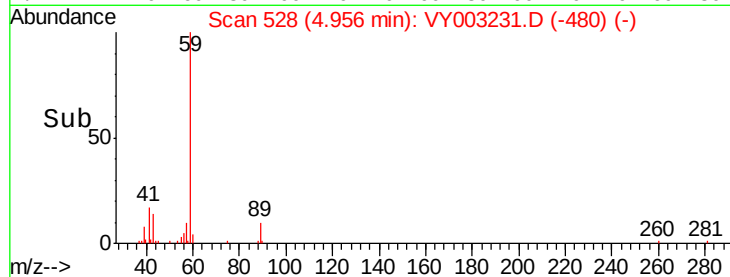
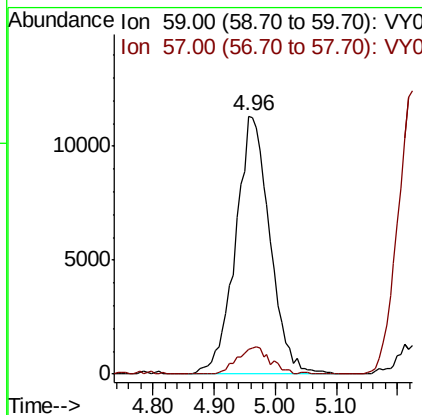
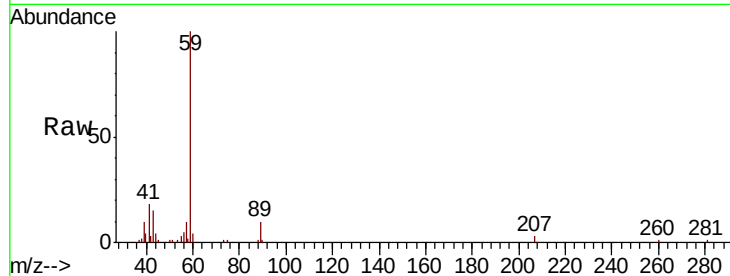


#11

Tert butyl alcohol
 Concen: 121.638 ug/l
 RT: 4.96 min Scan# 528
 Delta R.T. -0.01 min
 Lab File: VY003231.D
 Acq: 20 Jul 2020 15:03

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0720SBS01

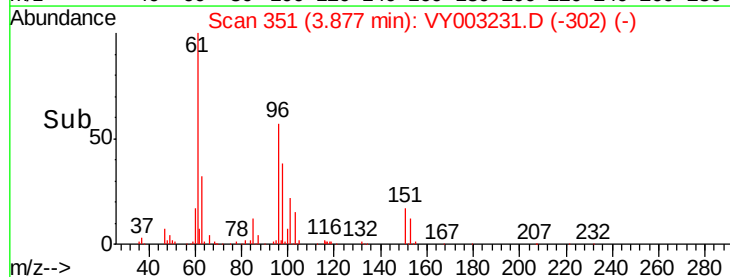
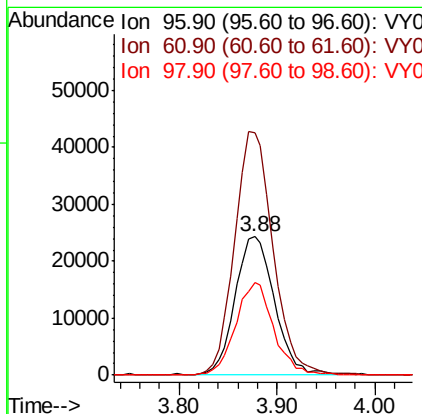
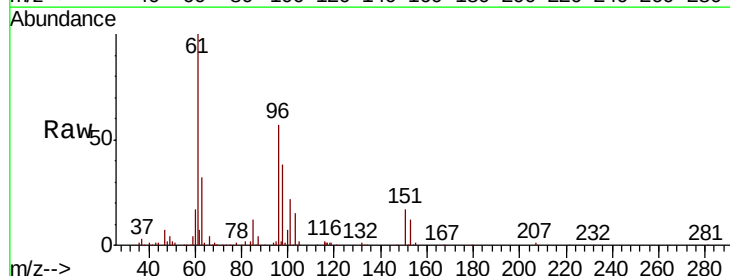
Tot Ion: 59 Resp: 43971
 Ion Ratio Lower Upper
 59 100
 57 9.9 8.4 12.6

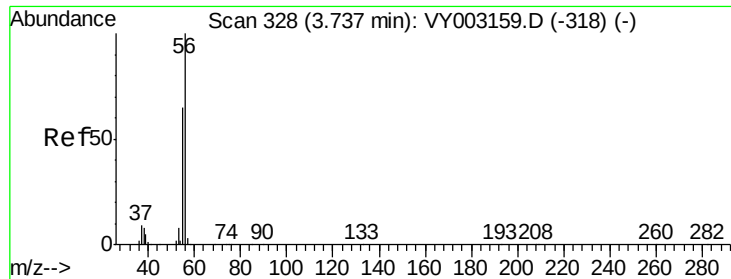


#12

1,1-Dichloroethene
 Concen: 20.697 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. -0.00 min
 Lab File: VY003231.D
 Acq: 20 Jul 2020 15:03

Tgt Ion: 96 Resp: 68215
 Ion Ratio Lower Upper
 96 100
 61 174.9 128.6 193.0
 98 67.0 51.6 77.4





#13

Acrolein

Concen: 99.597 ug/l

RT: 3.73 min Scan# 327

Delta R.T. -0.01 min

Lab File: VY003231.D

Acq: 20 Jul 2020 15:03

Instrument :

MSVOA_Y

ClientSampleId :

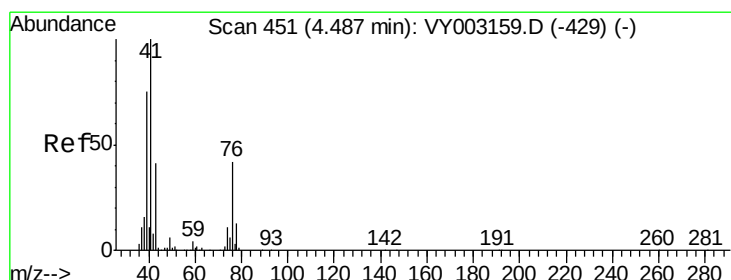
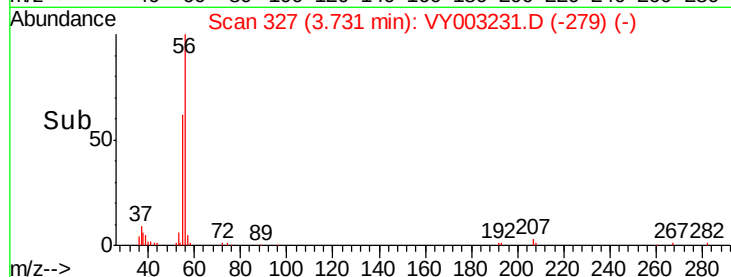
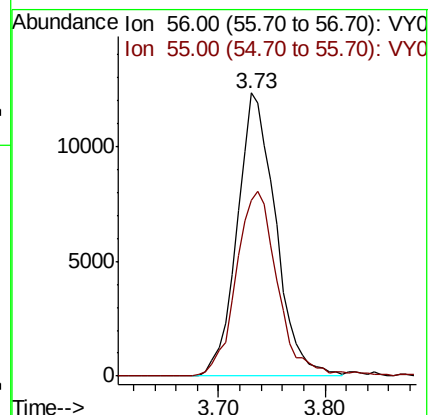
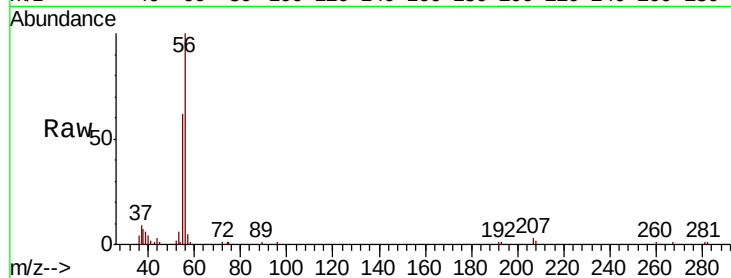
VY0720SBS01

Tot Ion: 56 Resp: 31250

Ion Ratio Lower Upper

56 100

55 70.6 56.0 84.0



#14

Allyl chloride

Concen: 24.942 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.00 min

Lab File: VY003231.D

Acq: 20 Jul 2020 15:03

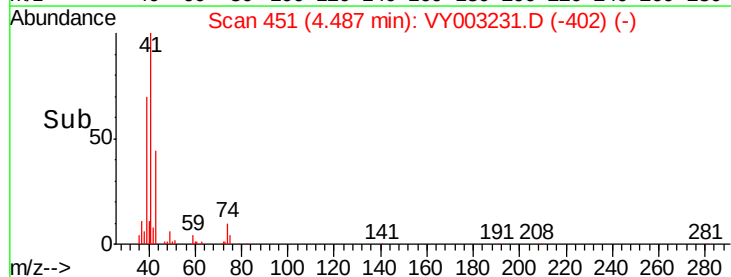
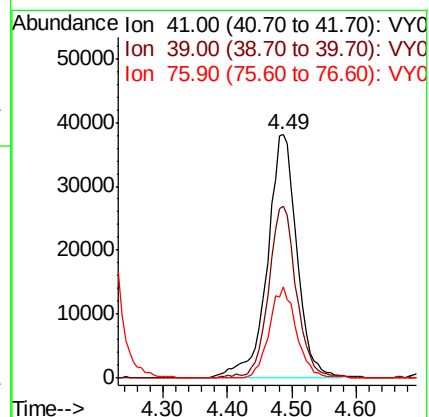
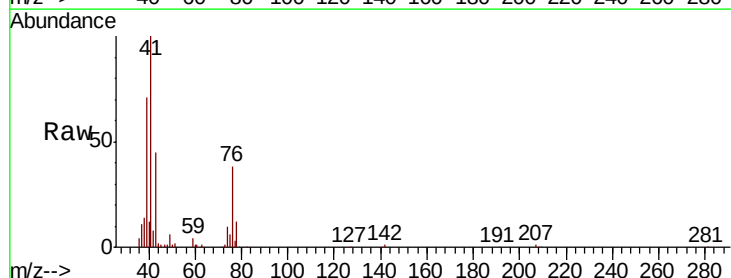
Tgt Ion: 41 Resp: 121981

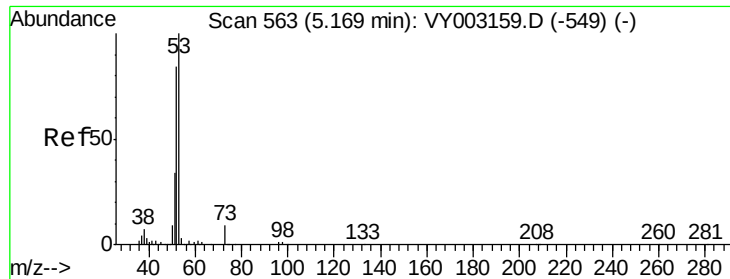
Ion Ratio Lower Upper

41 100

39 67.1 56.6 85.0

76 34.3 31.6 47.4





#15

Acrylonitrile

Concen: 122.730 ug/l

RT: 5.17 min Scan# 563

Delta R.T. -0.00 min

Lab File: VY003231.D

Acq: 20 Jul 2020 15:03

Instrument :

MSVOA_Y

ClientSampleId :

VY0720SBS01

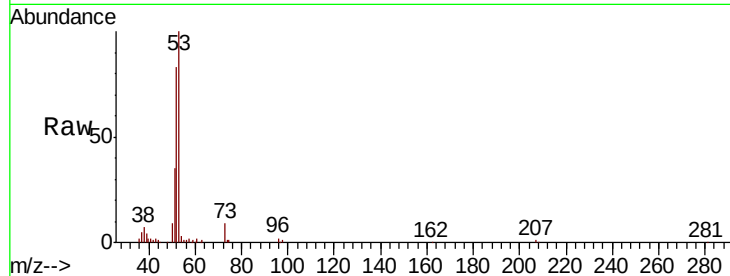
Tot Ion: 53 Resp: 113983

Ion Ratio Lower Upper

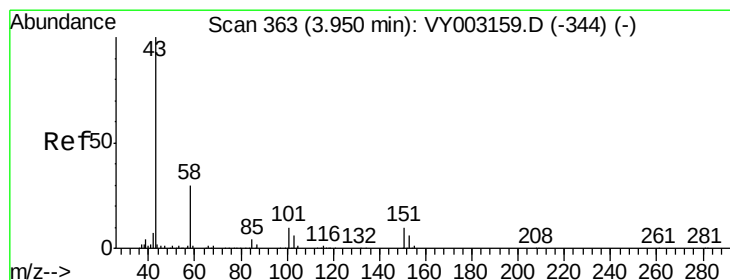
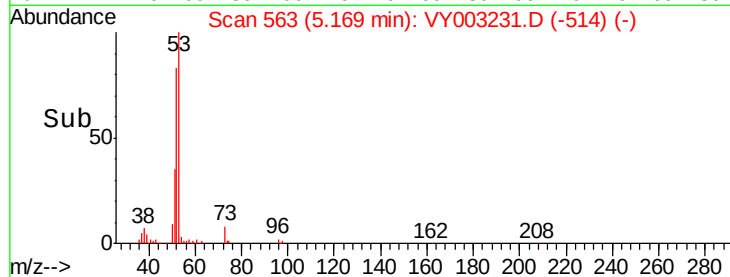
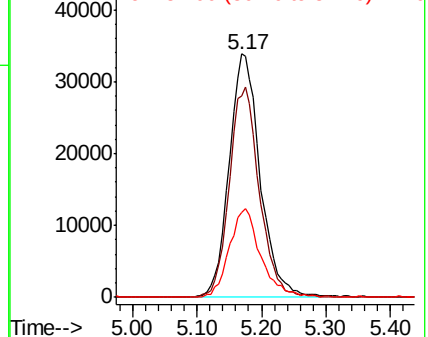
53 100

52 84.2 65.8 98.6

51 36.7 29.0 43.4



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



#16

Acetone

Concen: 129.598 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.01 min

Lab File: VY003231.D

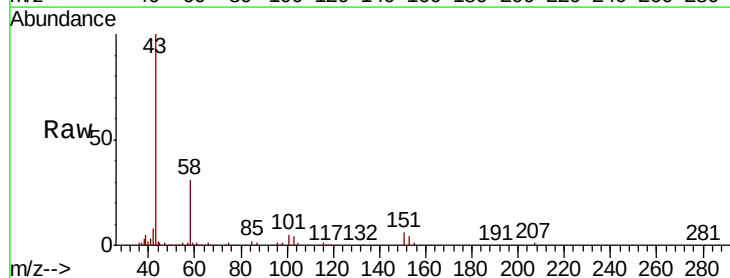
Acq: 20 Jul 2020 15:03

Tgt Ion: 43 Resp: 96776

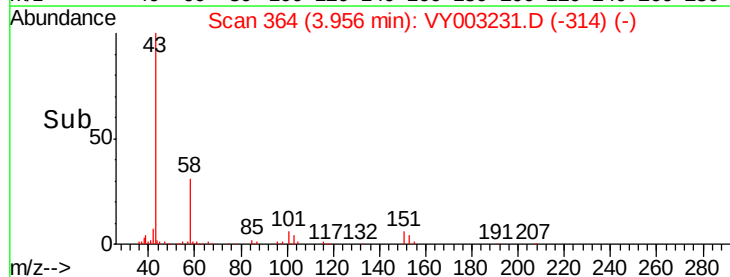
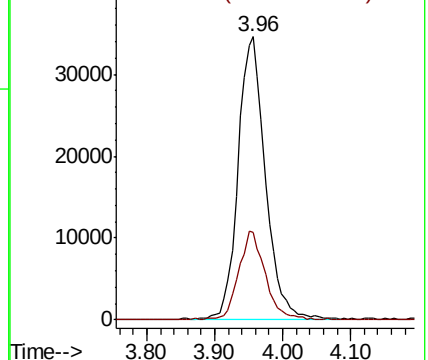
Ion Ratio Lower Upper

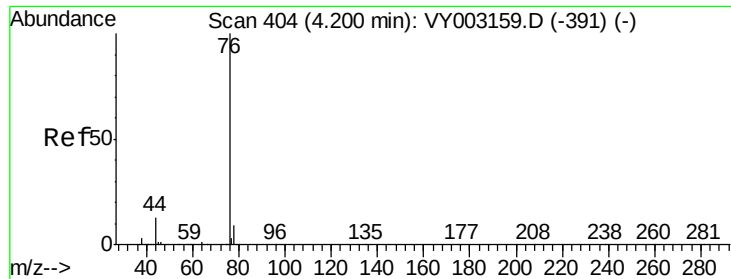
43 100

58 30.9 23.8 35.6



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

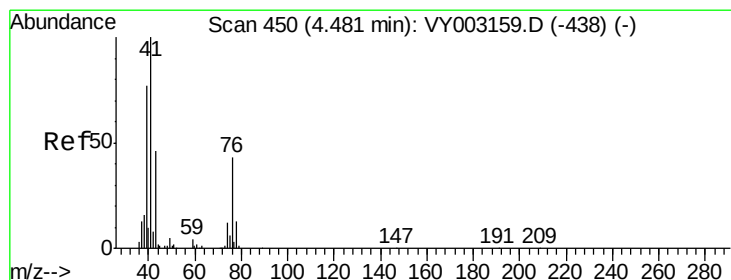
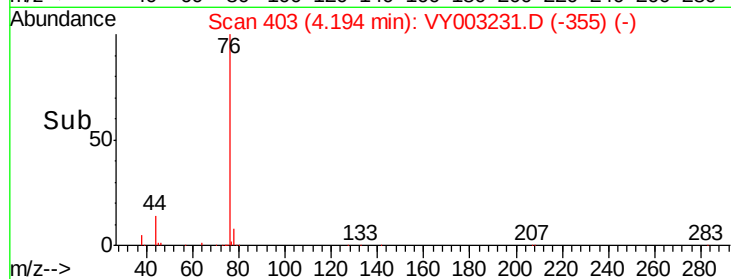
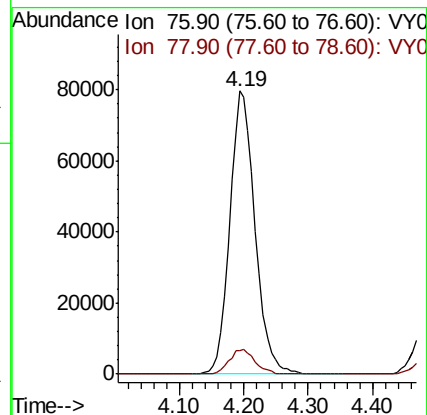
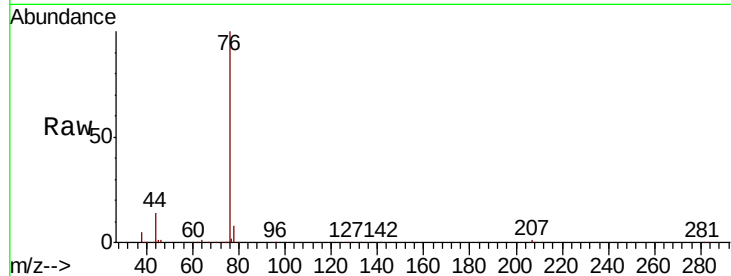




#17
Carbon Disulfide
Concen: 21.631 ug/l
RT: 4.19 min Scan# 403
Delta R.T. -0.01 min
Lab File: VY003231.D
Acq: 20 Jul 2020 15:03

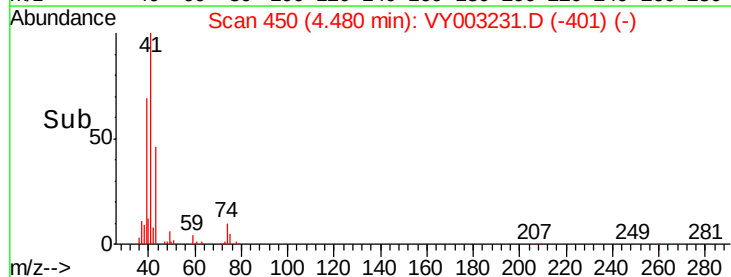
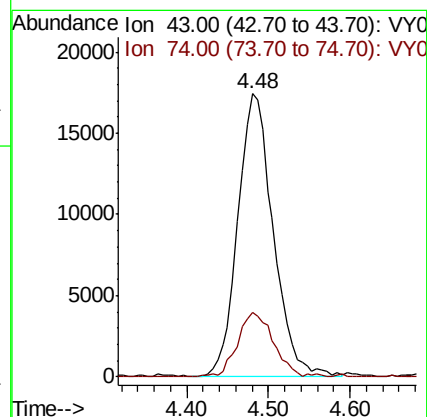
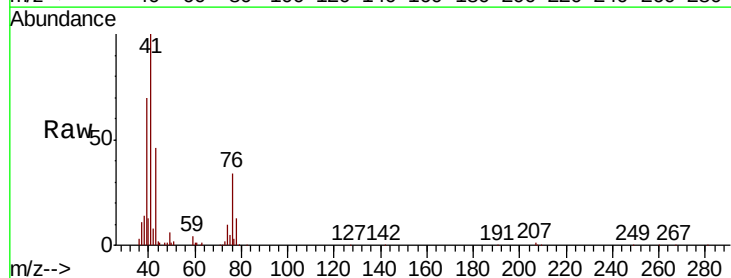
Instrument :
MSVOA_Y
ClientSampleId :
VY0720SBS01

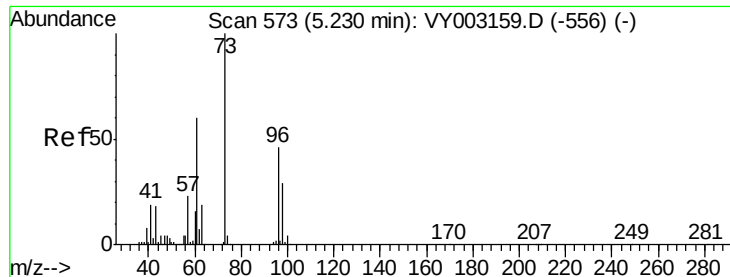
Tot Ion: 76 Resp: 218772
Ion Ratio Lower Upper
76 100
78 8.4 7.3 10.9



#18
Methyl Acetate
Concen: 25.313 ug/l
RT: 4.48 min Scan# 450
Delta R.T. -0.00 min
Lab File: VY003231.D
Acq: 20 Jul 2020 15:03

Tgt Ion: 43 Resp: 52493
Ion Ratio Lower Upper
43 100
74 22.7 20.8 31.2

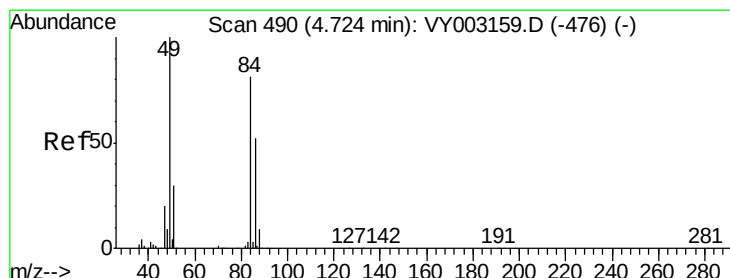
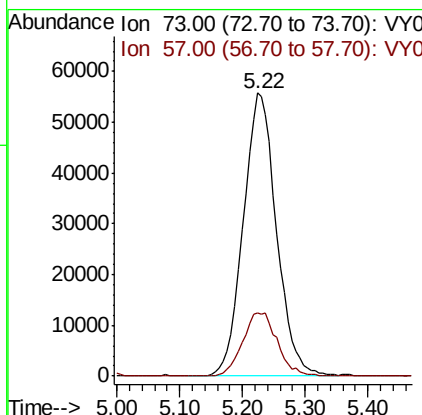
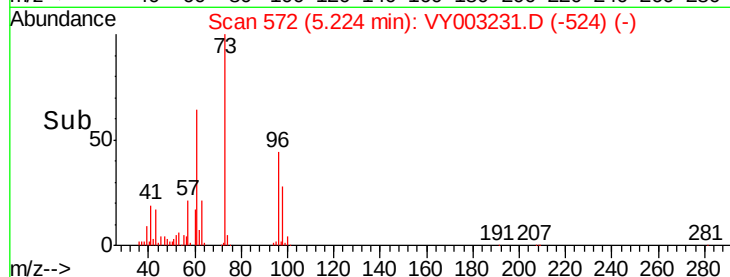
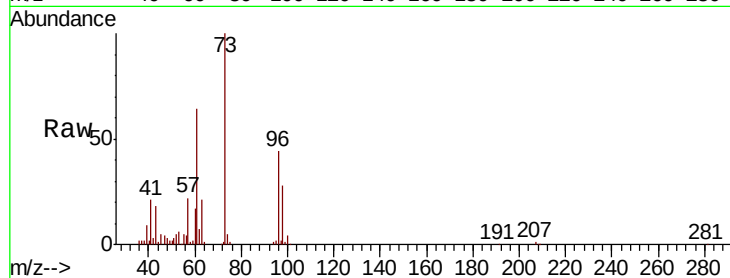




#19
Methyl tert-butyl Ether
Concen: 22.030 ug/l
RT: 5.22 min Scan# 572
Delta R.T. -0.01 min
Lab File: VY003231.D
Acq: 20 Jul 2020 15:03

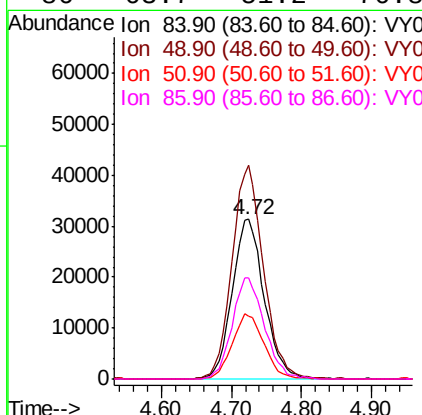
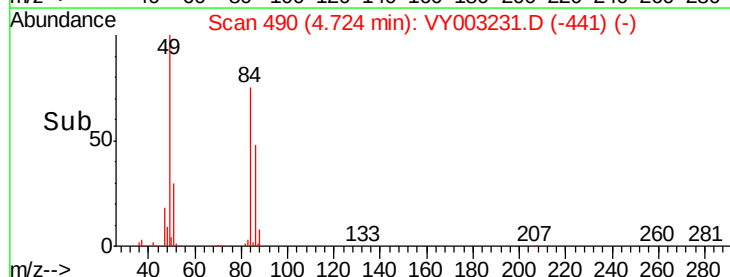
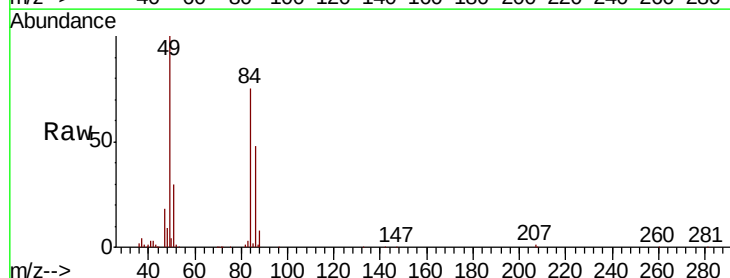
Instrument :
MSVOA_Y
ClientSampleId :
VY0720SBS01

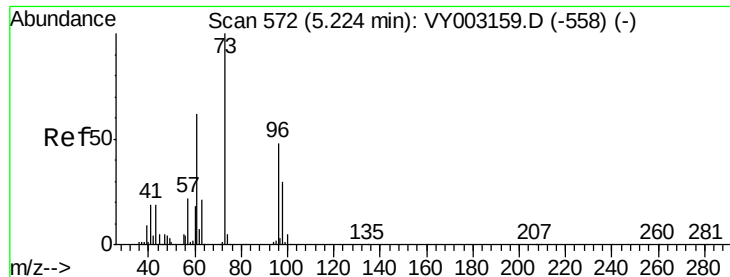
Tot Ion: 73 Resp: 203483
Ion Ratio Lower Upper
73 100
57 22.3 18.1 27.1



#20
Methylene Chloride
Concen: 23.552 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY003231.D
Acq: 20 Jul 2020 15:03

Tgt Ion: 84 Resp: 99408
Ion Ratio Lower Upper
84 100
49 133.7 98.2 147.4
51 39.6 29.8 44.6
86 63.7 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 20.812 ug/l

RT: 5.22 min Scan# 572

Delta R.T. -0.00 min

Lab File: VY003231.D

Acq: 20 Jul 2020 15:03

Instrument :

MSVOA_Y

ClientSampleId :

VY0720SBS01

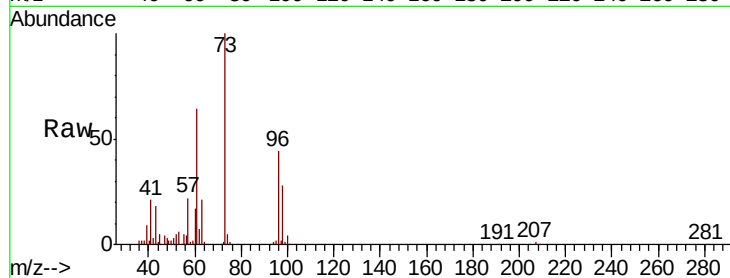
Tot Ion: 96 Resp: 77585

Ion Ratio Lower Upper

96 100

61 144.2 102.5 153.7

98 62.9 49.8 74.8

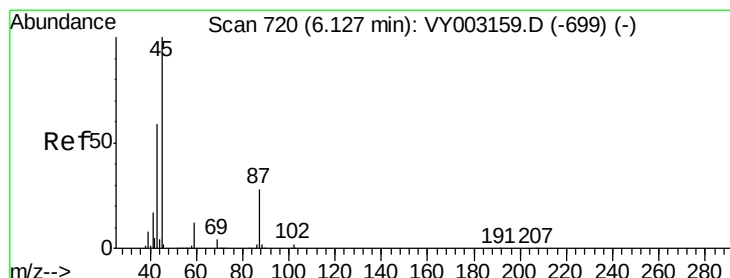
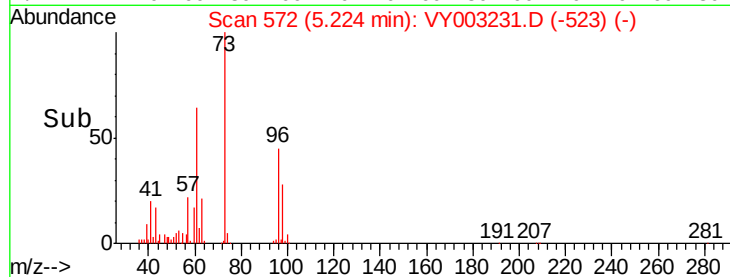
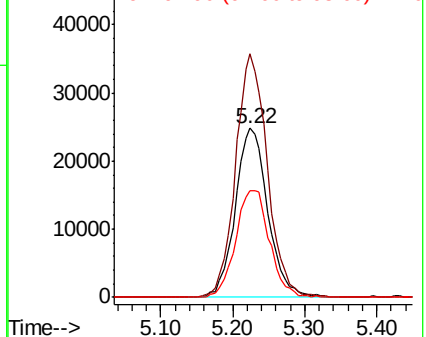


Abundance

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: 24.583 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.00 min

Lab File: VY003231.D

Acq: 20 Jul 2020 15:03

Tgt Ion: 45 Resp: 266829

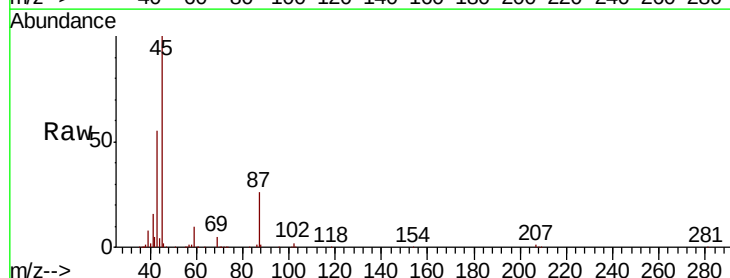
Ion Ratio Lower Upper

45 100

43 54.1 47.0 70.4

87 25.6 22.6 33.8

59 10.3 9.8 14.6



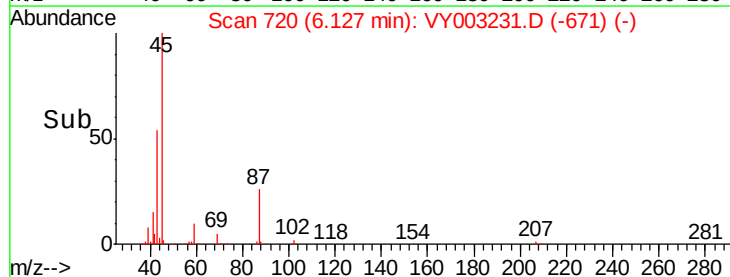
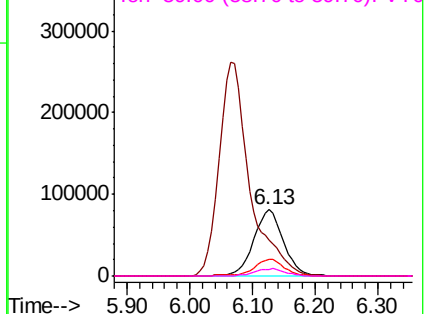
Abundance

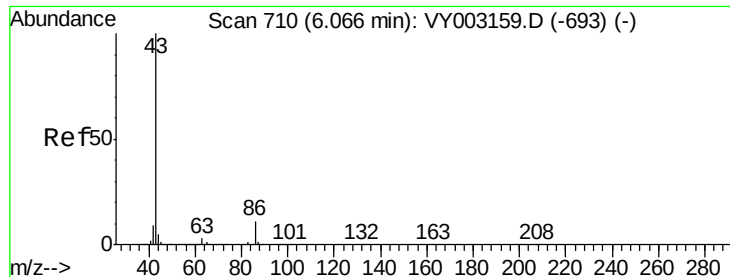
Ion 45.00 (44.70 to 45.70): VY0

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

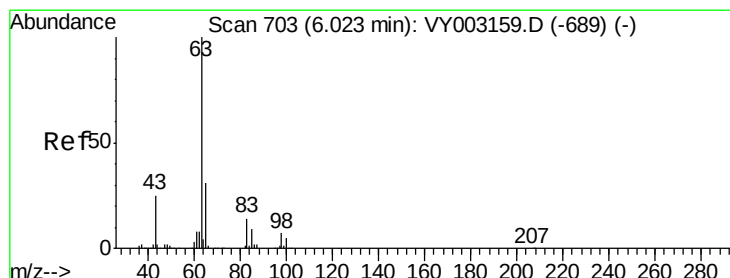
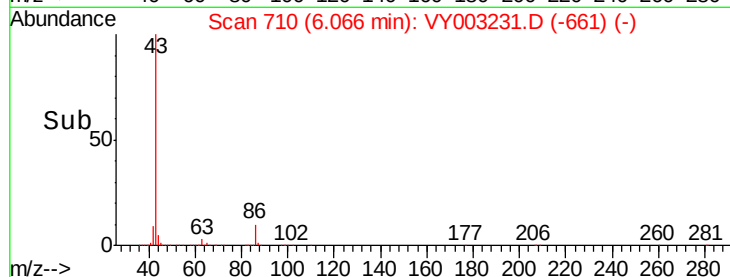
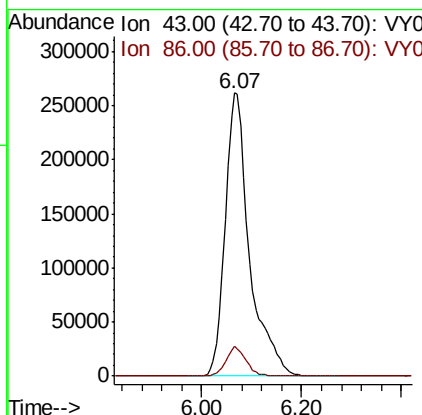
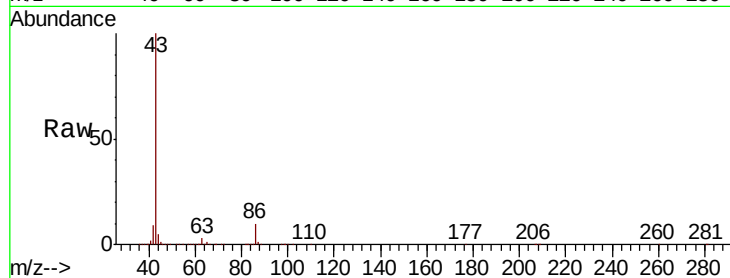




#23
 Vinyl Acetate
 Concen: 122.519 ug/l
 RT: 6.07 min Scan# 710
 Delta R.T. -0.00 min
 Lab File: VY003231.D
 Acq: 20 Jul 2020 15:03

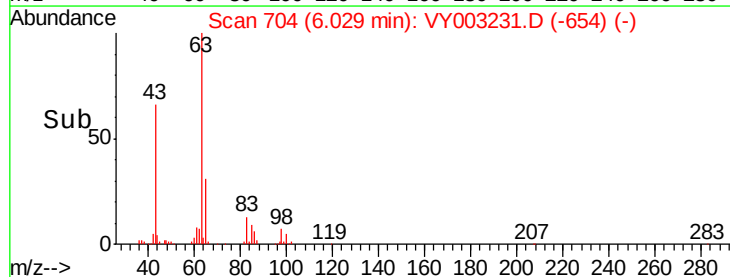
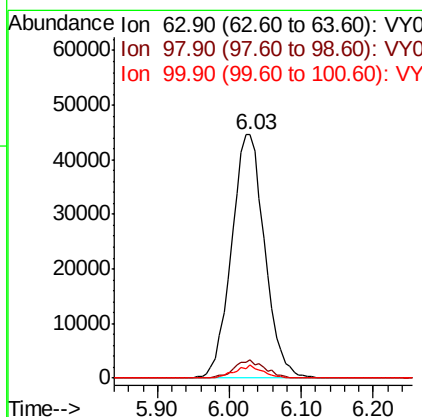
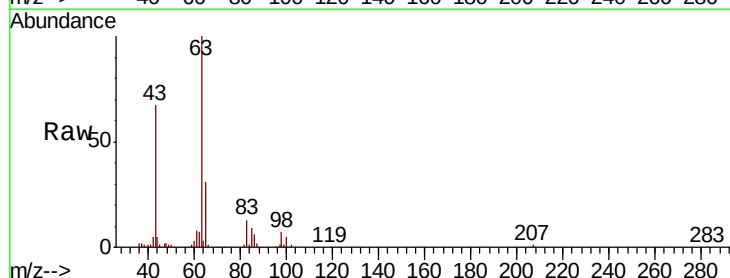
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0720SBS01

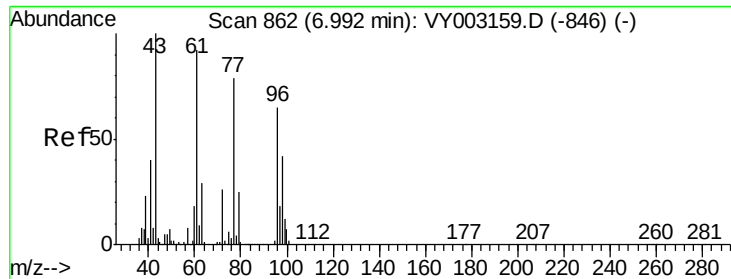
Tot Ion: 43 Resp: 886365
 Ion Ratio Lower Upper
 43 100
 86 10.4 8.8 13.2



#24
 1,1-Dichloroethane
 Concen: 22.654 ug/l
 RT: 6.03 min Scan# 704
 Delta R.T. 0.01 min
 Lab File: VY003231.D
 Acq: 20 Jul 2020 15:03

Tgt Ion: 63 Resp: 142452
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.6 10.8
 100 5.2 2.4 7.2

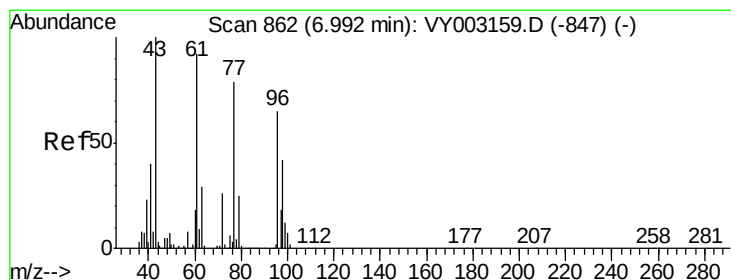
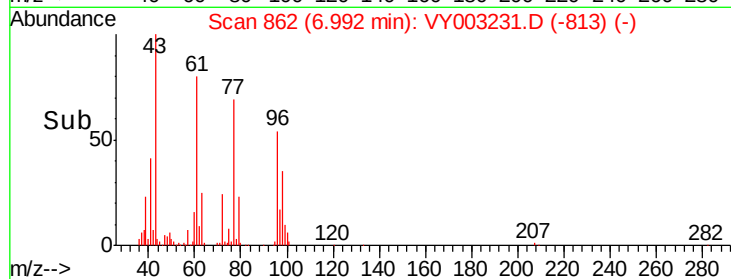
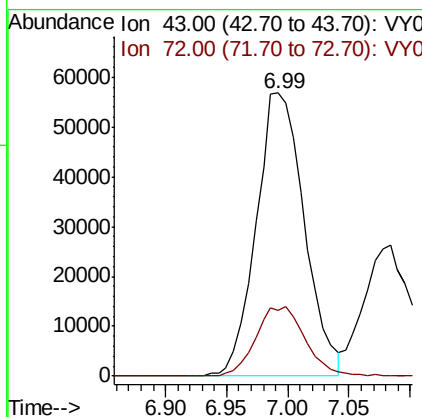
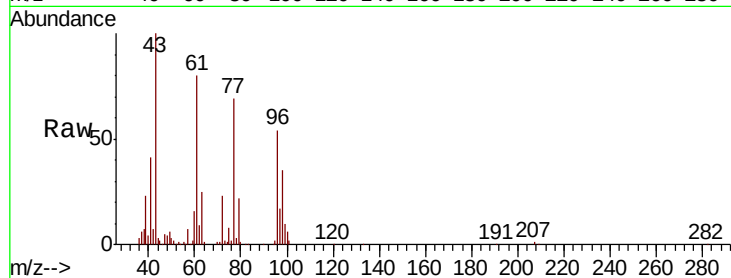




#25
 2-Butanone
 Concen: 127.286 ug/l
 RT: 6.99 min Scan# 862
 Delta R.T. -0.00 min
 Lab File: VY003231.D
 Acq: 20 Jul 2020 15:03

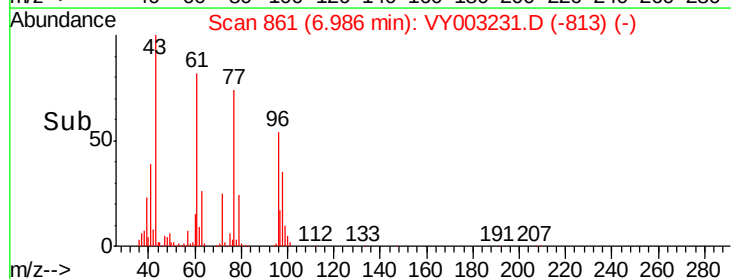
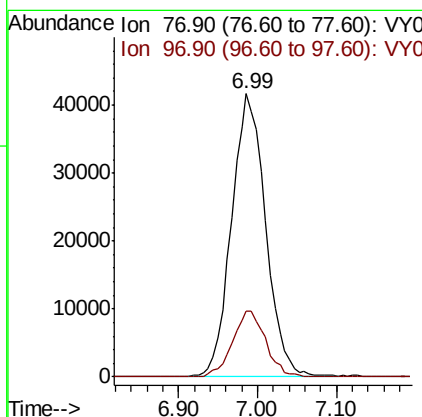
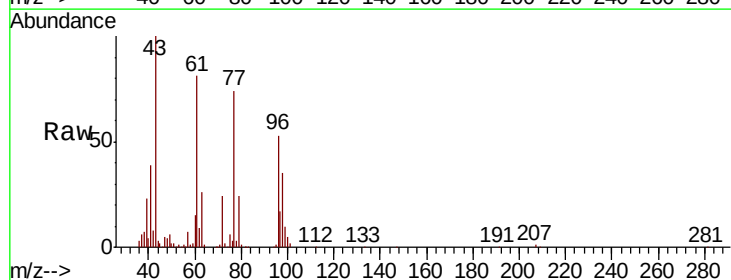
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0720SBS01

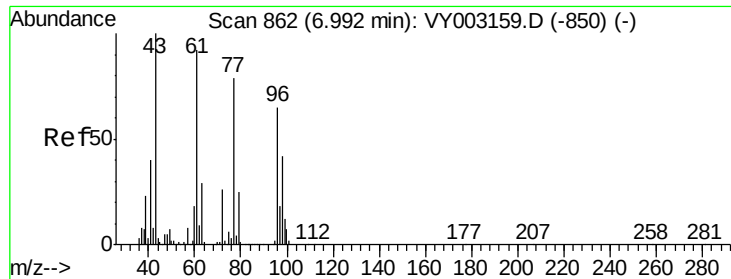
Tot Ion: 43 Resp: 156063
 Ion Ratio Lower Upper
 43 100
 72 23.5 20.9 31.3



#26
 2,2-Dichloropropane
 Concen: 22.136 ug/l
 RT: 6.99 min Scan# 861
 Delta R.T. -0.01 min
 Lab File: VY003231.D
 Acq: 20 Jul 2020 15:03

Tgt Ion: 77 Resp: 125358
 Ion Ratio Lower Upper
 77 100
 97 22.7 11.6 34.7





#27

cis-1,2-Dichloroethene

Concen: 20.965 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.00 min

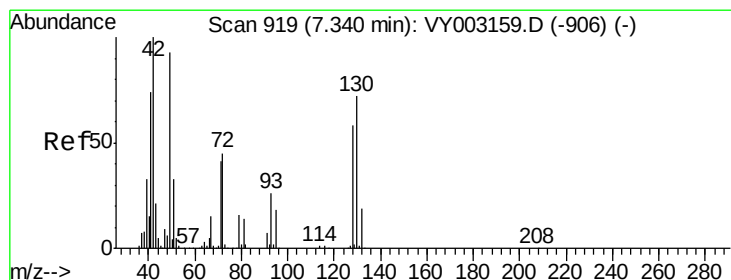
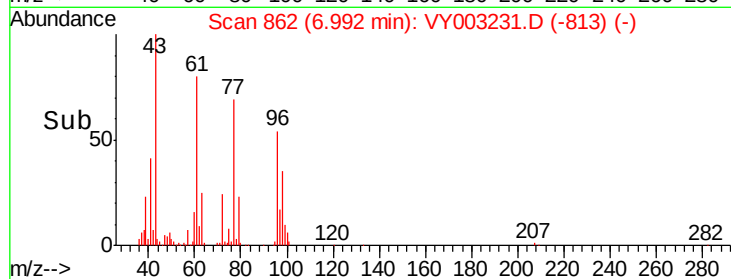
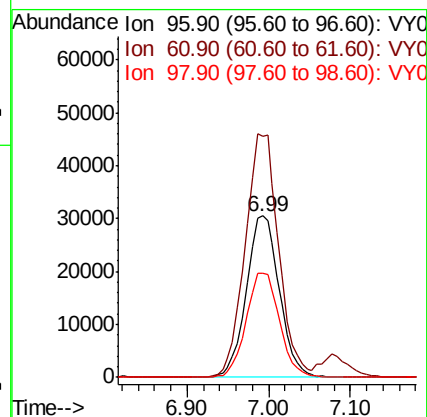
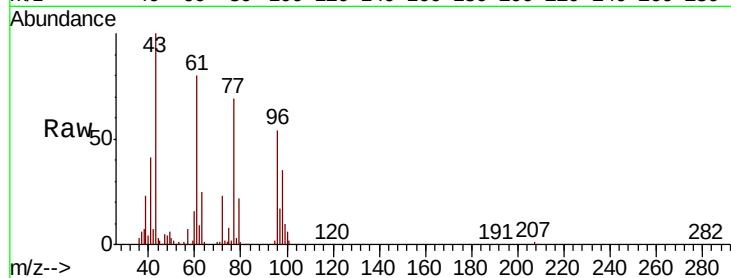
Lab File: VY003231.D

Acq: 20 Jul 2020 15:03

Instrument :
MSVOA_Y
ClientSampleId :
VY0720SBS01

Tot Ion: 96 Resp: 86051

Ion	Ratio	Lower	Upper
96	100		
61	152.6	0.0	281.2
98	65.2	0.0	129.8



#28

Bromochloromethane

Concen: 26.018 ug/l

RT: 7.34 min Scan# 919

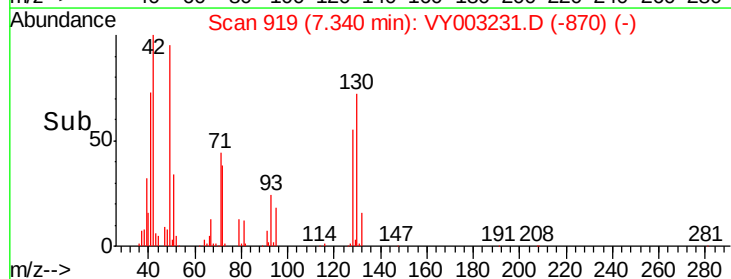
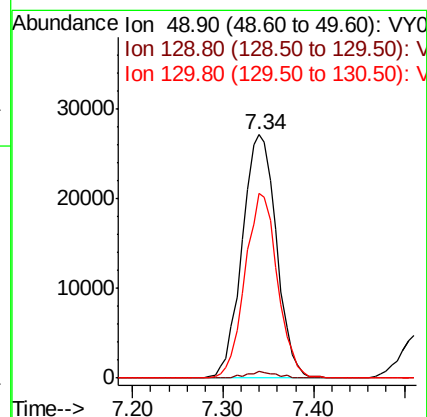
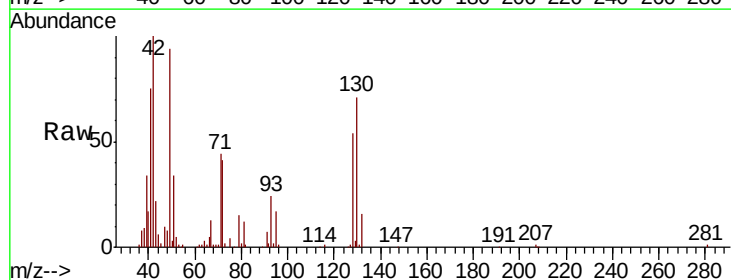
Delta R.T. -0.00 min

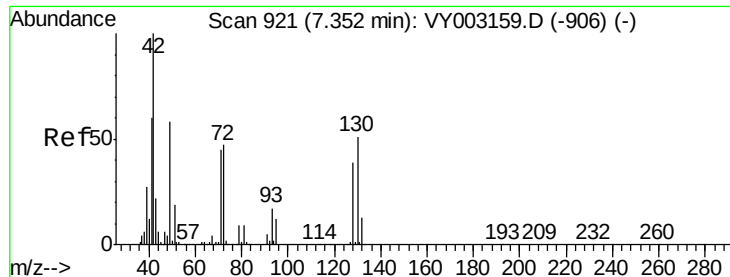
Lab File: VY003231.D

Acq: 20 Jul 2020 15:03

Tgt Ion: 49 Resp: 70834

Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	5.0
130	72.1	64.9	97.3





#29

Tetrahydrofuran

Concen: 128.633 ug/l

RT: 7.35 min Scan# 921

Delta R.T. -0.00 min

Lab File: VY003231.D

Acq: 20 Jul 2020 15:03

Instrument :

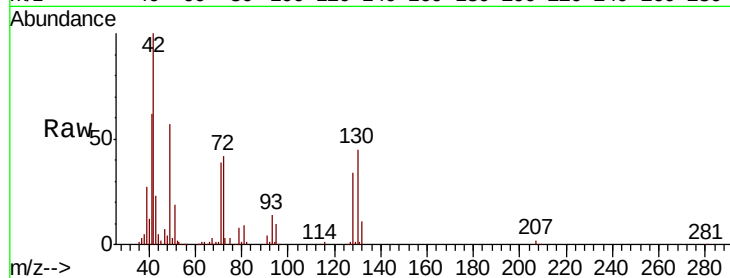
MSVOA_Y

ClientSampleId :

VY0720SBS01

Tot Ion: 42 Resp: 105950

Ion	Ratio	Lower	Upper
42	100		
72	39.9	36.7	55.1
71	38.8	34.2	51.4

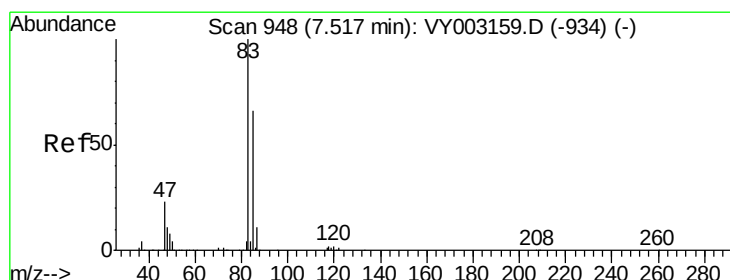
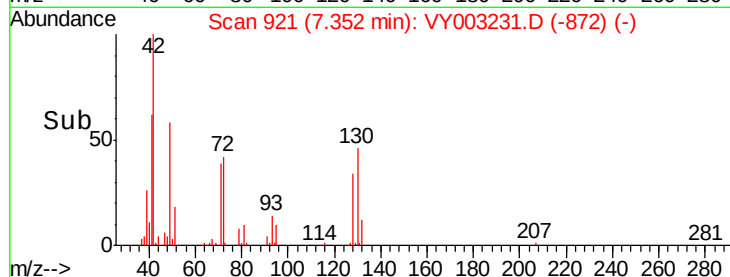
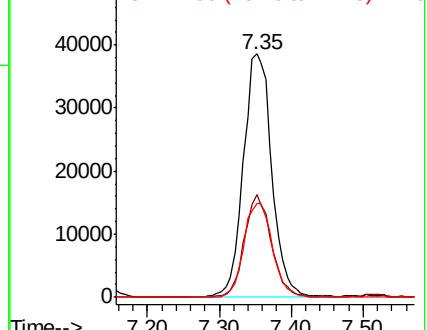


Abundance

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: 22.061 ug/l

RT: 7.51 min Scan# 947

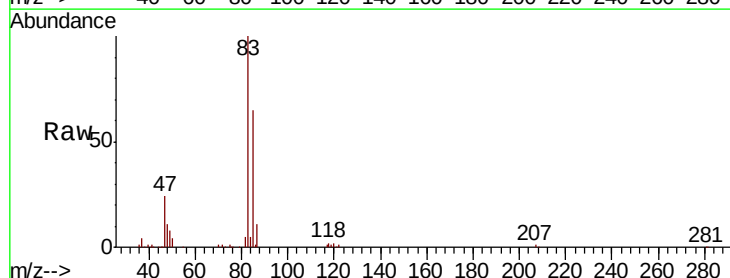
Delta R.T. -0.01 min

Lab File: VY003231.D

Acq: 20 Jul 2020 15:03

Tgt Ion: 83 Resp: 142881

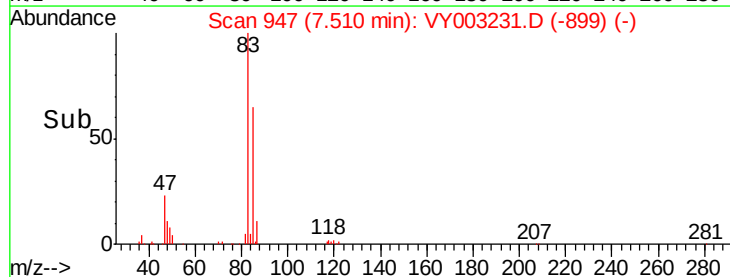
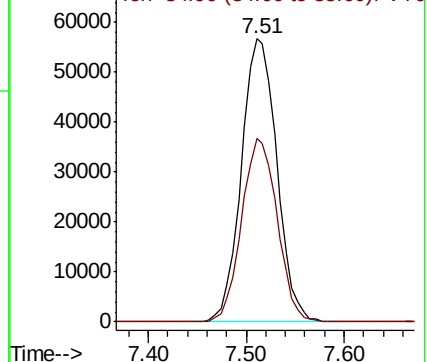
Ion	Ratio	Lower	Upper
83	100		
85	64.7	52.6	78.8

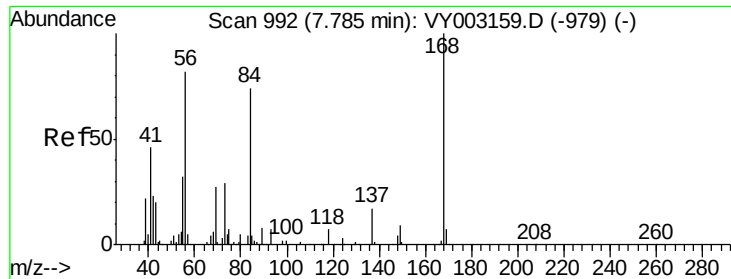


Abundance

Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

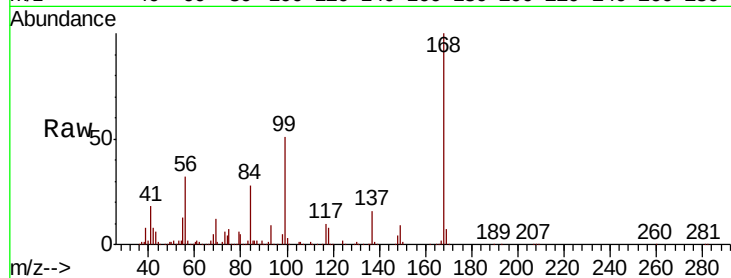




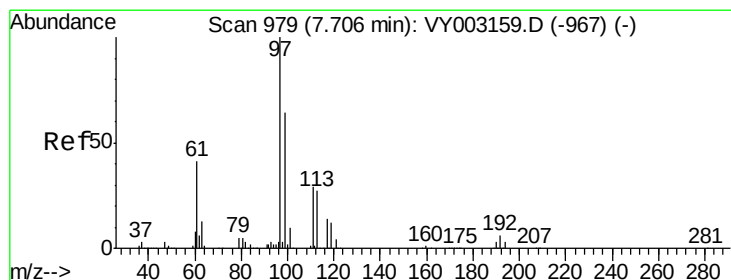
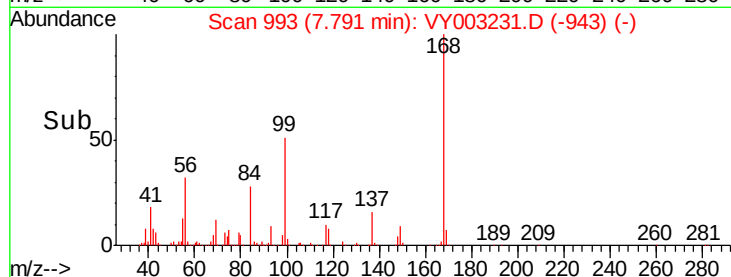
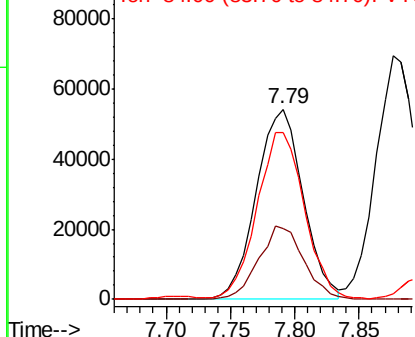
#31
Cyclohexane
Concen: 22.553 ug/l
RT: 7.79 min Scan# 993
Delta R.T. 0.01 min
Lab File: VY003231.D
Acq: 20 Jul 2020 15:03

Instrument :
MSVOA_Y
ClientSampleId :
VY0720SBS01

Tot Ion: 56 Resp: 137138
Ion Ratio Lower Upper
56 100
69 37.2 26.7 40.1
84 86.1 72.3 108.5

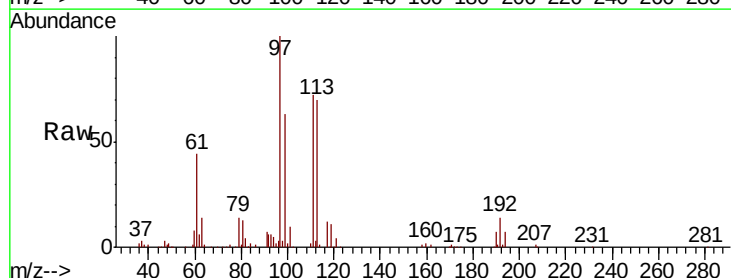


Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0

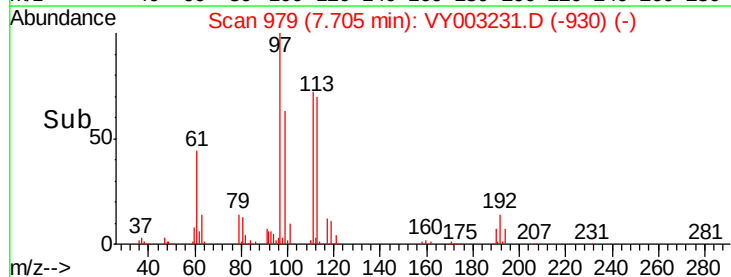
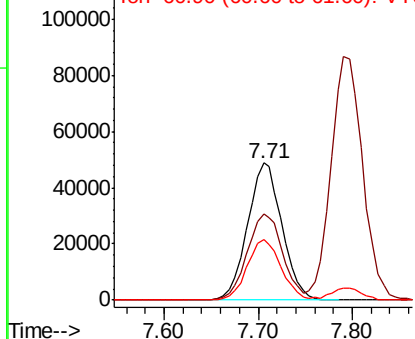


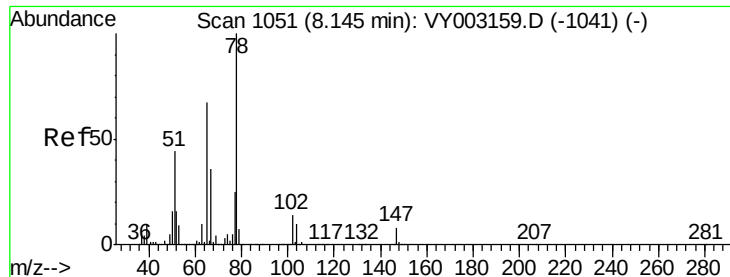
#32
1,1,1-Trichloroethane
Concen: 21.409 ug/l
RT: 7.71 min Scan# 979
Delta R.T. -0.00 min
Lab File: VY003231.D
Acq: 20 Jul 2020 15:03

Tgt Ion: 97 Resp: 124827
Ion Ratio Lower Upper
97 100
99 64.7 52.1 78.1
61 43.6 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

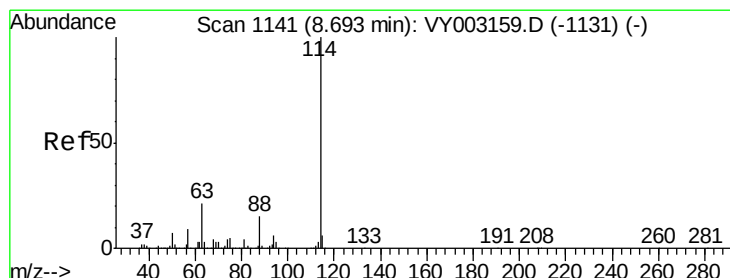
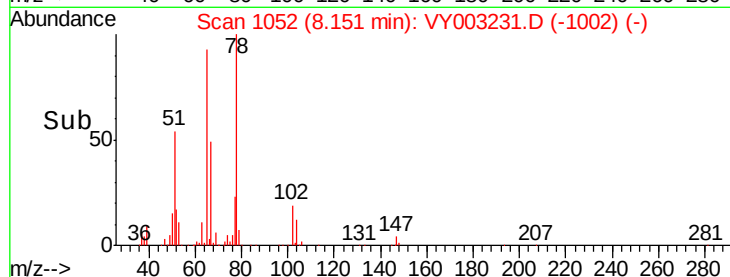
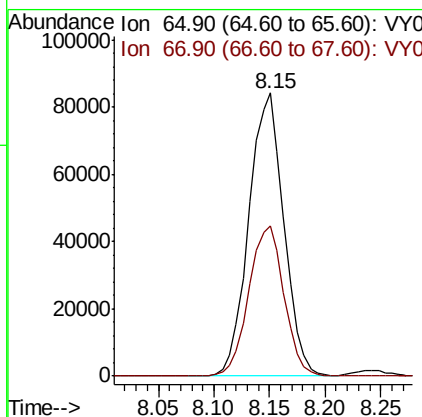
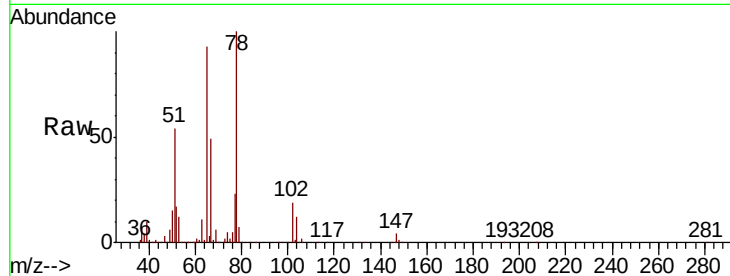




#33
 1,2-Dichloroethane-d4
 Concen: 55.048 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.01 min
 Lab File: VY003231.D
 Acq: 20 Jul 2020 15:03

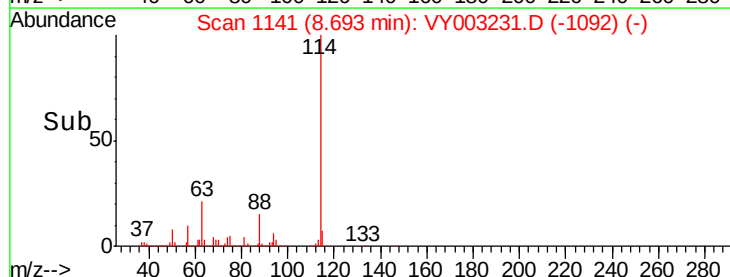
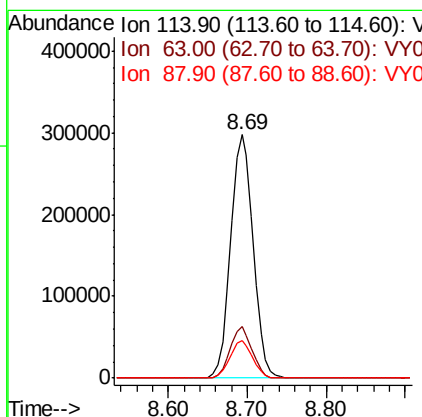
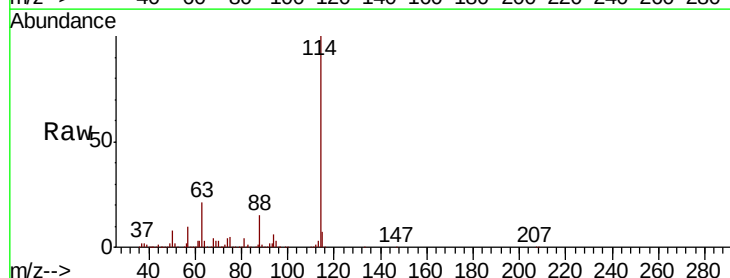
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0720SBS01

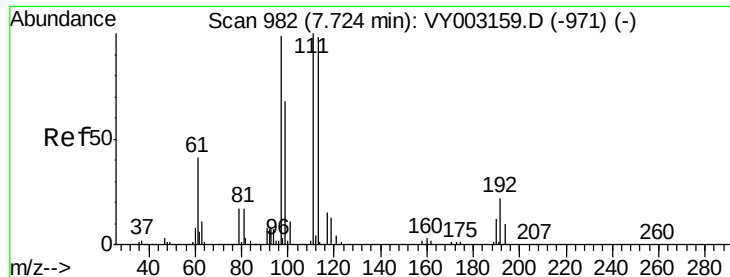
Tot Ion: 65 Resp: 184030
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY003231.D
 Acq: 20 Jul 2020 15:03

Tgt Ion: 114 Resp: 588681
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 41.2
 88 15.2 0.0 30.2

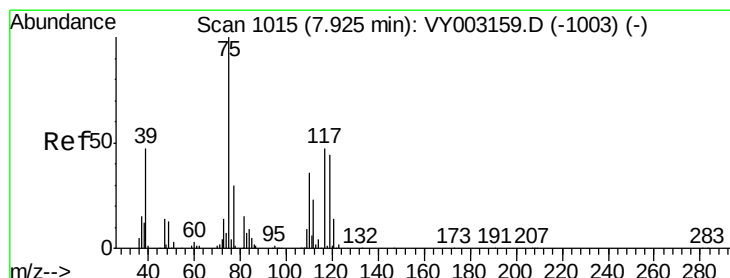
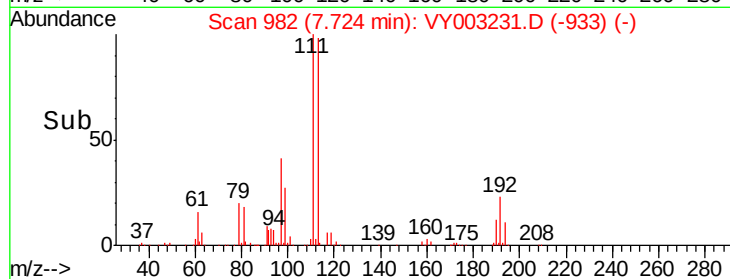
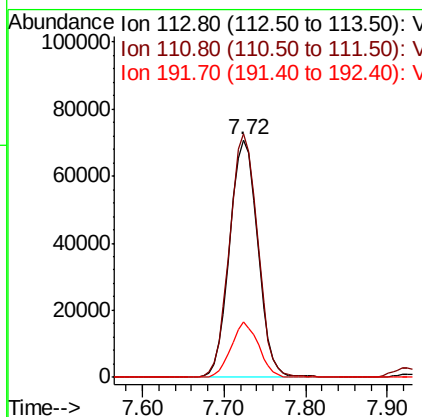
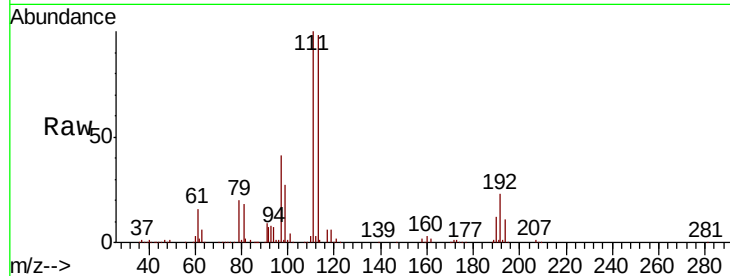




#35
 Dibromofluoromethane
 Concen: 49.722 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VY003231.D
 Acq: 20 Jul 2020 15:03

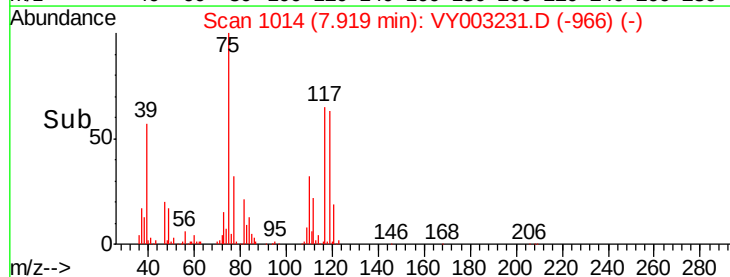
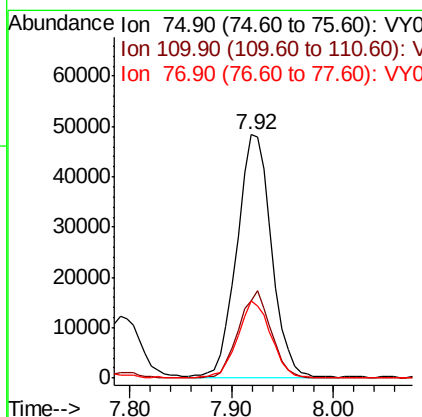
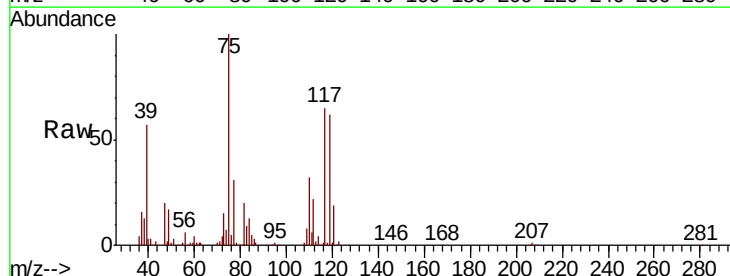
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0720SBS01

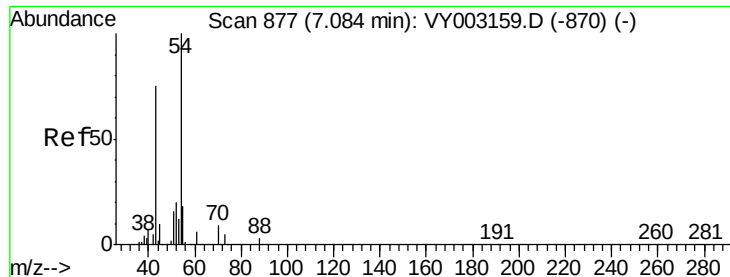
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.1	123.1
192	22.6	18.8	28.2



#36
 1,1-Dichloropropene
 Concen: 21.284 ug/l
 RT: 7.92 min Scan# 1014
 Delta R.T. -0.01 min
 Lab File: VY003231.D
 Acq: 20 Jul 2020 15:03

Tgt Ion	Ratio	Lower	Upper
75	100		
110	33.6	18.1	54.1
77	31.2	24.8	37.2

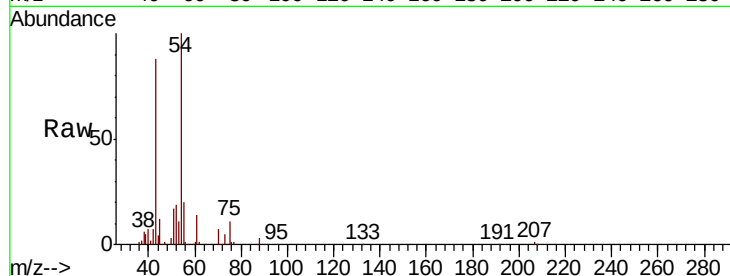




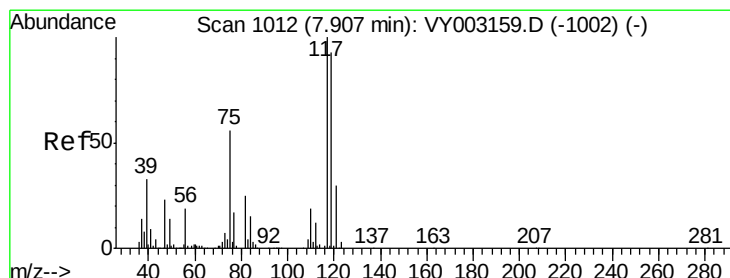
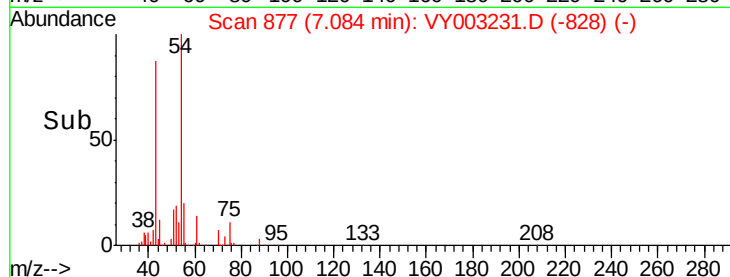
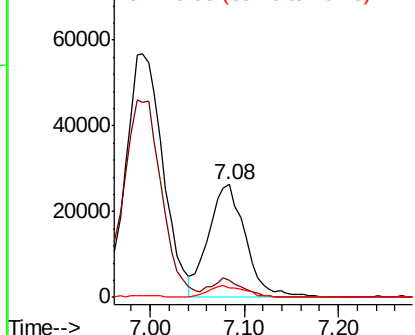
#37
Ethyl Acetate
Concen: 24.698 ug/l
RT: 7.08 min Scan# 877
Delta R.T. -0.00 min
Lab File: VY003231.D
Acq: 20 Jul 2020 15:03

Instrument :
MSVOA_Y
ClientSampleId :
VY0720SBS01

Tot Ion: 43 Resp: 70964
Ion Ratio Lower Upper
43 100
61 14.4 11.8 17.6
70 10.5 8.6 13.0

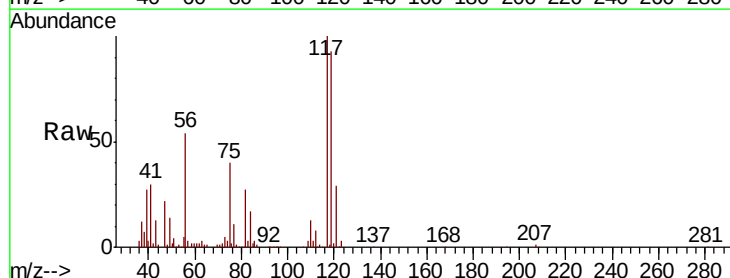


Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 70.00 (69.70 to 70.70): VY0

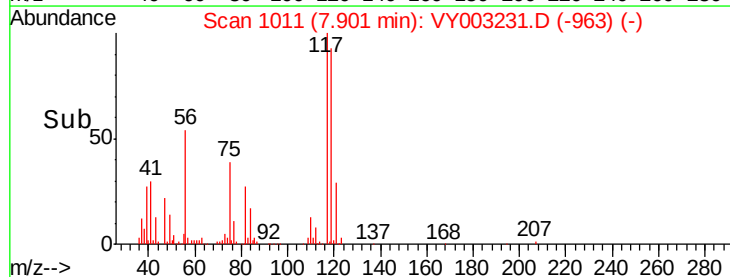
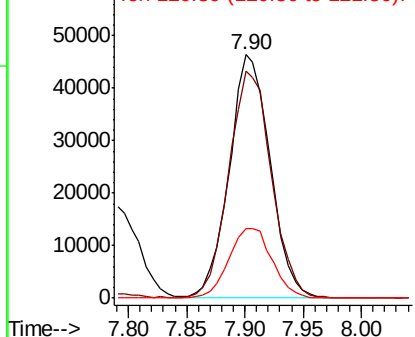


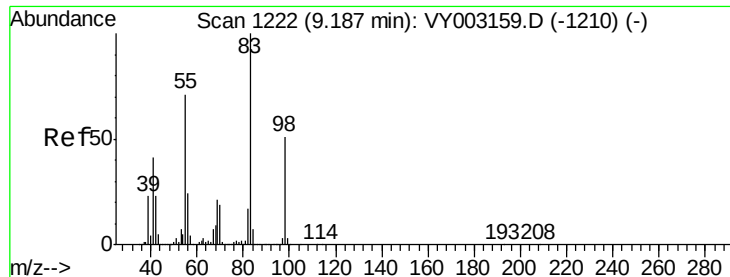
#38
Carbon Tetrachloride
Concen: 20.590 ug/l
RT: 7.90 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VY003231.D
Acq: 20 Jul 2020 15:03

Tgt Ion: 117 Resp: 113412
Ion Ratio Lower Upper
117 100
119 92.9 74.5 111.7
121 28.7 24.2 36.2



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

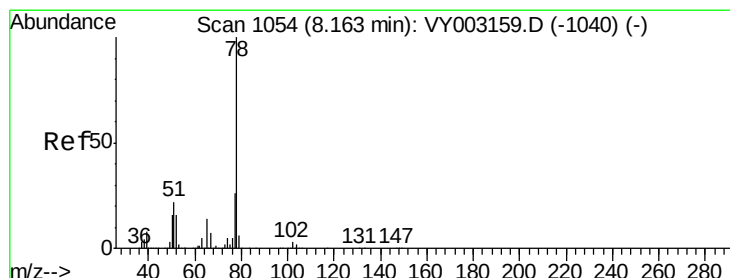
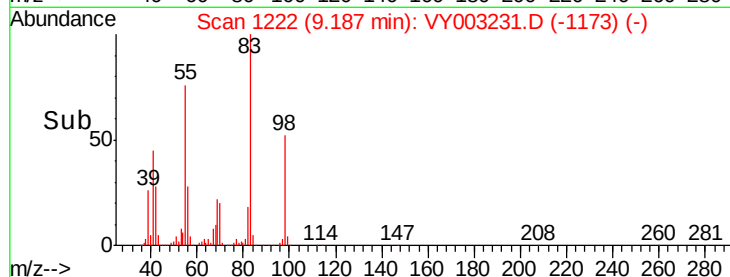
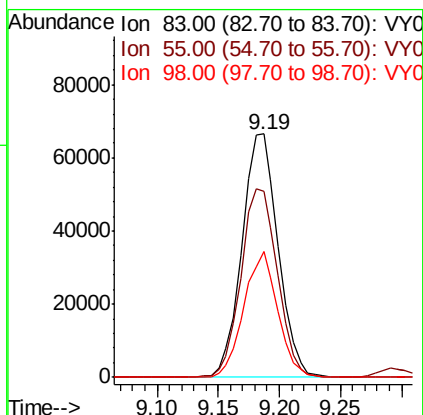
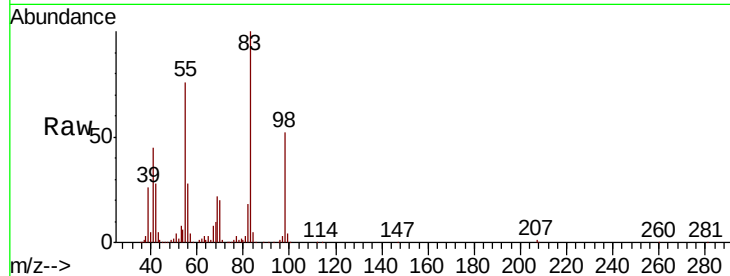




#39
Methylvlcyclohexane
Concen: 20.352 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY003231.D
Acq: 20 Jul 2020 15:03

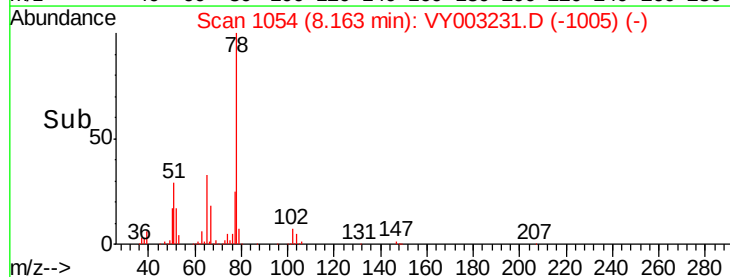
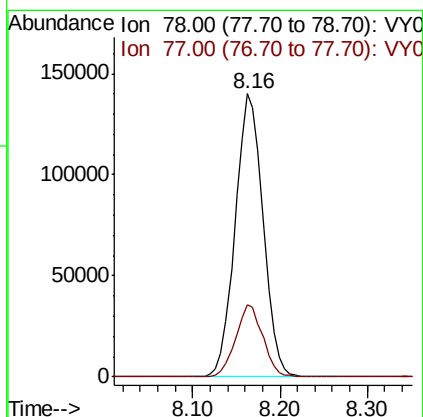
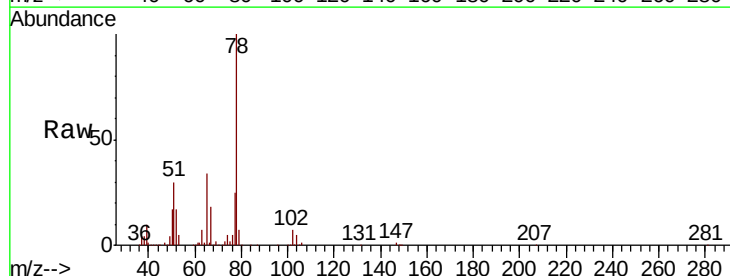
Instrument :
MSVOA_Y
ClientSampleId :
VY0720SBS01

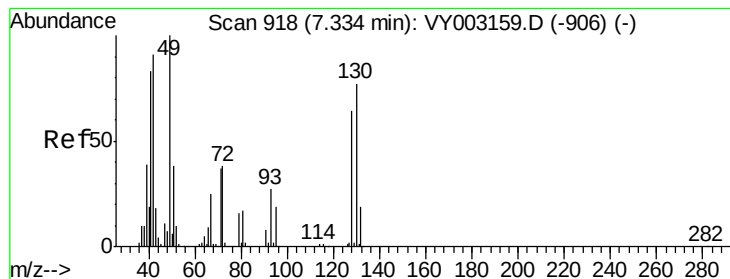
Tot Ion: 83 Resp: 136411
Ion Ratio Lower Upper
83 100
55 76.1 57.2 85.8
98 51.8 41.0 61.6



#40
Benzene
Concen: 21.123 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VY003231.D
Acq: 20 Jul 2020 15:03

Tgt Ion: 78 Resp: 310316
Ion Ratio Lower Upper
78 100
77 25.5 20.7 31.1





#41

Methacrylonitrile

Concen: 56.214 ug/l

RT: 7.35 min Scan# 921

Delta R.T. 0.02 min

Lab File: VY003231.D

Acq: 20 Jul 2020 15:03

Instrument :

MSVOA_Y

ClientSampleId :

VY0720SBS01

Tot Ion: 41 Resp: 97278

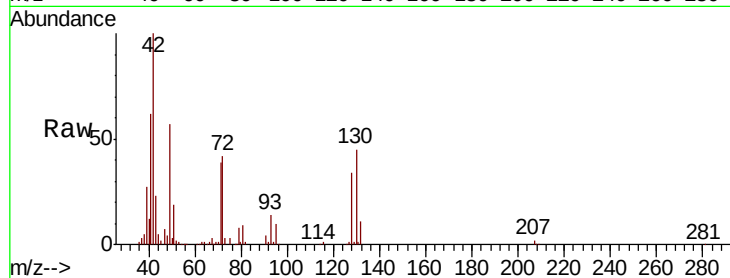
Ion Ratio Lower Upper

41 100

39 47.6 83.3 124.9#

67 0.0 0.0 0.0

52 0.0 0.0 0.0

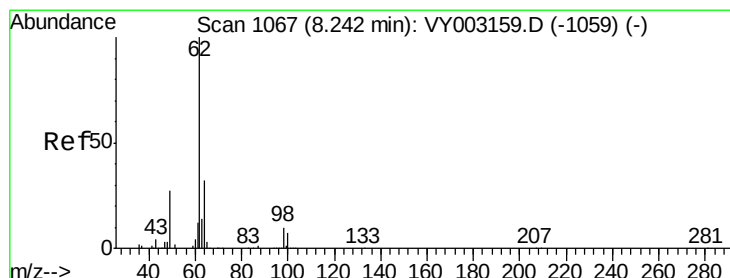
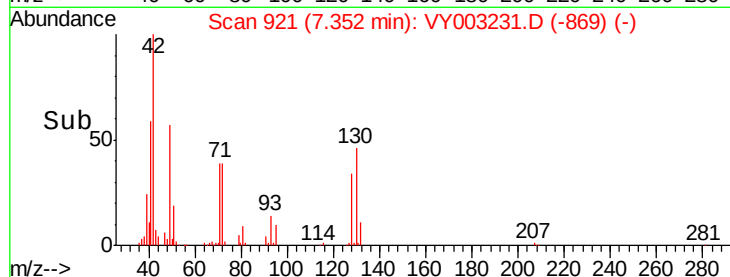
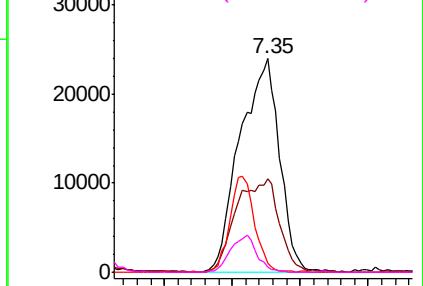


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 67.00 (66.70 to 67.70): VY0

Ion 52.00 (51.70 to 52.70): VY0



#42

1,2-Dichloroethane

Concen: 21.786 ug/l

RT: 8.24 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VY003231.D

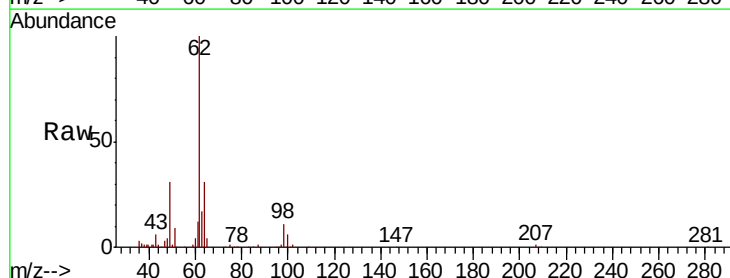
Acq: 20 Jul 2020 15:03

Tgt Ion: 62 Resp: 98532

Ion Ratio Lower Upper

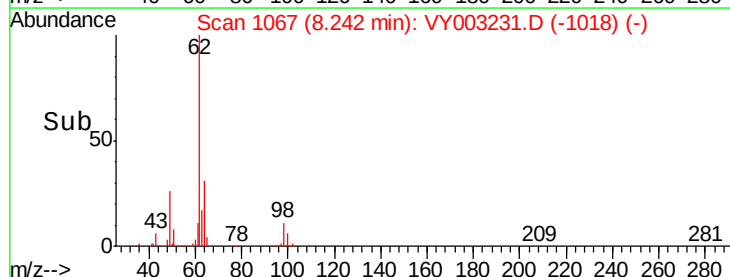
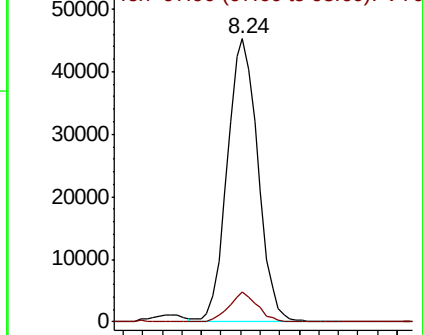
62 100

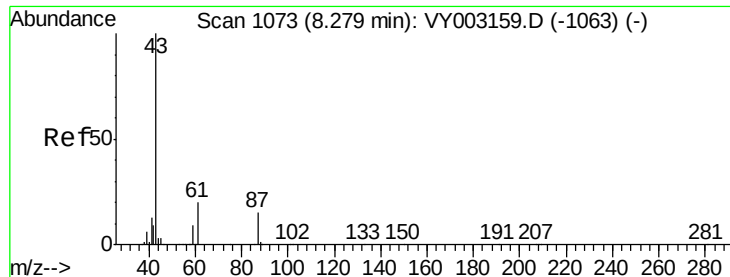
98 9.7 0.0 19.0



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 97.90 (97.60 to 98.60): VY0





#43

Isopropyl Acetate

Concen: 23.599 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. -0.00 min

Lab File: VY003231.D

Acq: 20 Jul 2020 15:03

Instrument :

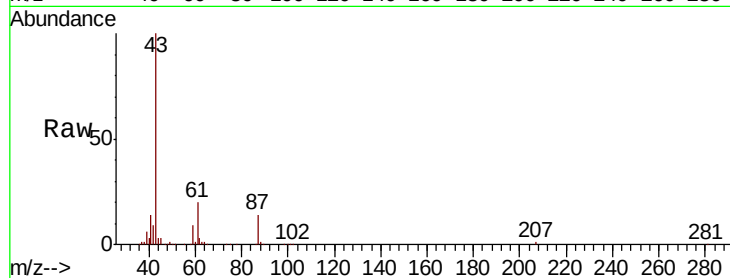
MSVOA_Y

ClientSampleId :

VY0720SBS01

Tot Ion: 43 Resp: 131250

Ion	Ratio	Lower	Upper
43	100		
61	28.6	23.7	35.5
87	12.6	11.4	17.0

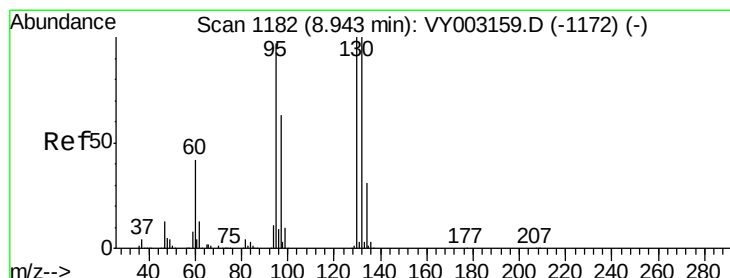
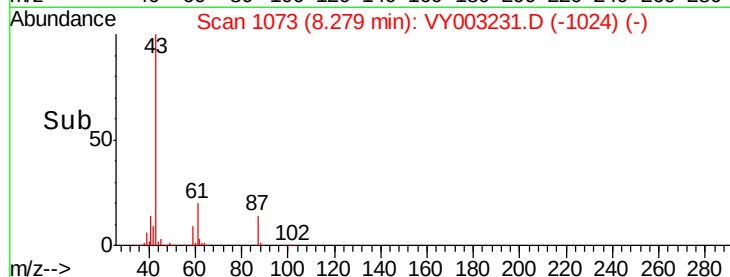
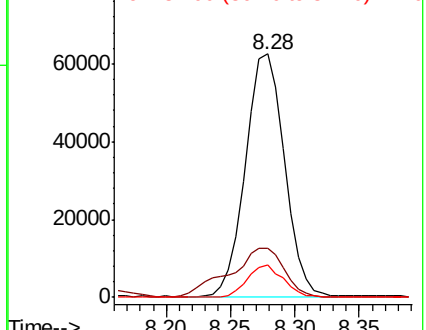


Abundance

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: 19.444 ug/l

RT: 8.94 min Scan# 1182

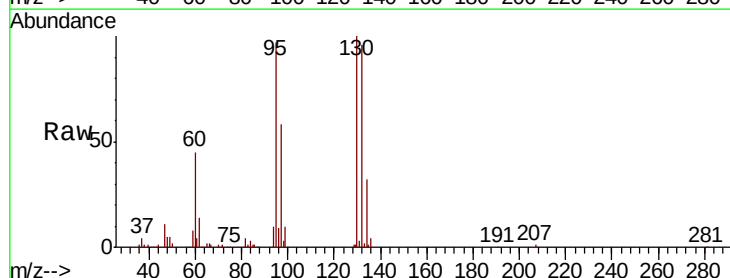
Delta R.T. -0.00 min

Lab File: VY003231.D

Acq: 20 Jul 2020 15:03

Tgt Ion:130 Resp: 87567

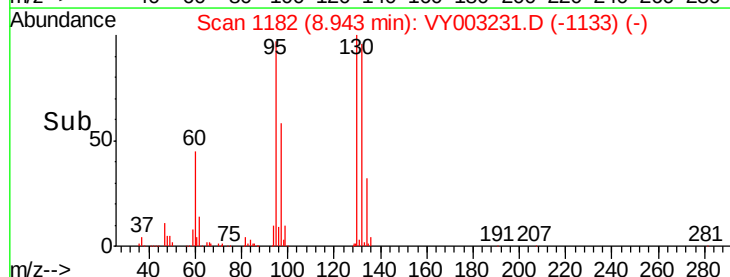
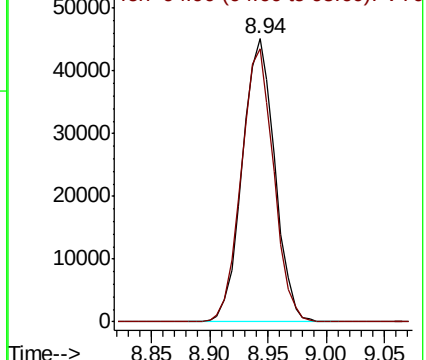
Ion	Ratio	Lower	Upper
130	100		
95	96.7	0.0	193.8

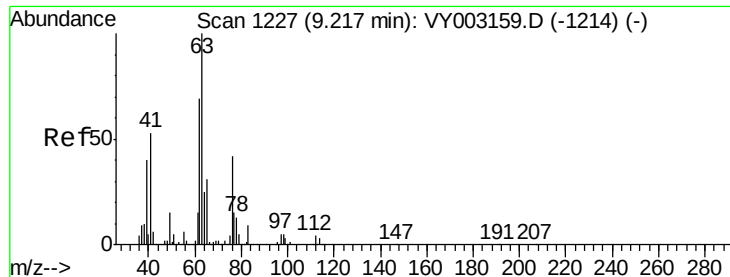


Abundance

Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VY0

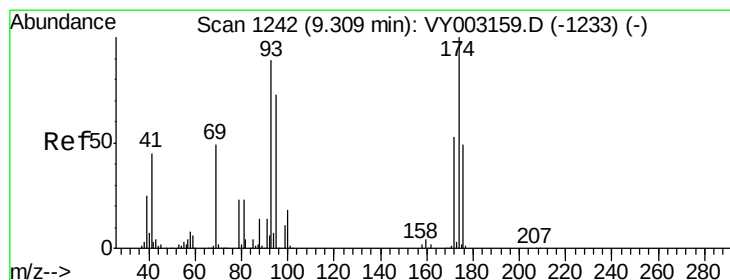
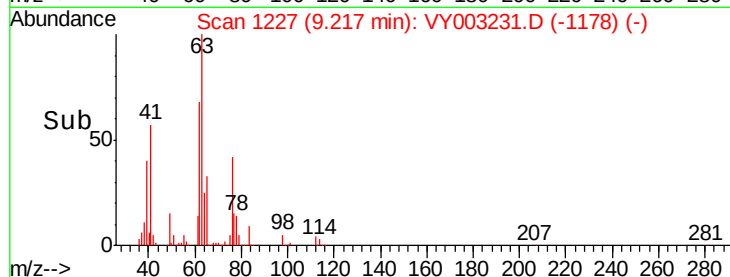
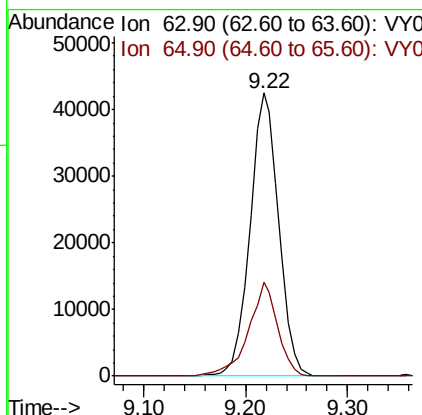
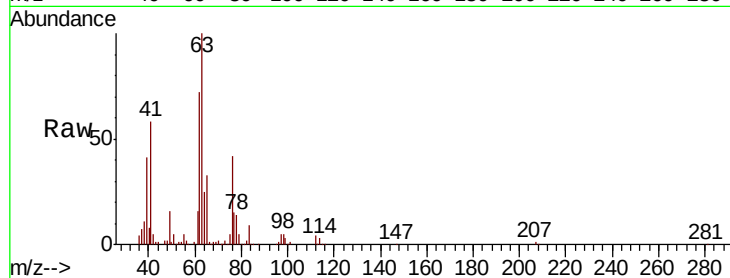




#45
 1,2-Dichloropropane
 Concen: 21.858 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. -0.00 min
 Lab File: VY003231.D
 Acq: 20 Jul 2020 15:03

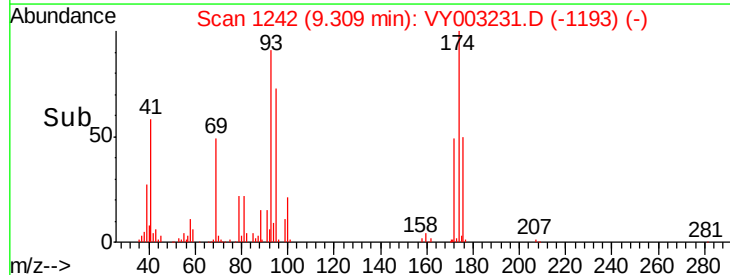
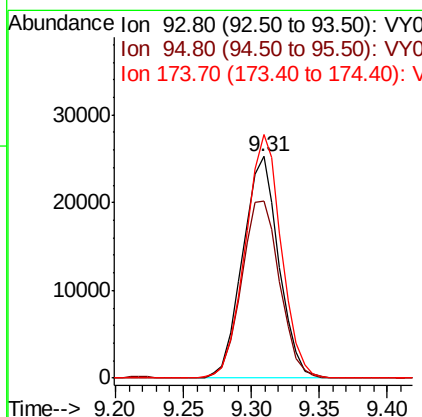
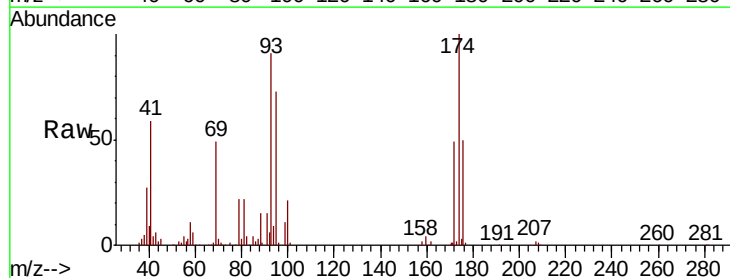
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0720SBS01

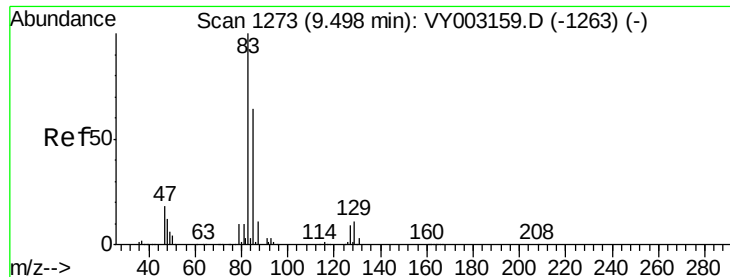
Tot Ion: 63 Resp: 83090
 Ion Ratio Lower Upper
 63 100
 65 33.2 25.0 37.4



#46
 Dibromomethane
 Concen: 21.086 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.00 min
 Lab File: VY003231.D
 Acq: 20 Jul 2020 15:03

Tgt Ion: 93 Resp: 46816
 Ion Ratio Lower Upper
 93 100
 95 84.5 66.6 99.8
 174 110.0 90.2 135.4





#47

Bromodichloromethane

Concen: 21.585 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.00 min

Lab File: VY003231.D

Acq: 20 Jul 2020 15:03

Instrument :

MSVOA_Y

ClientSampleId :

VY0720SBS01

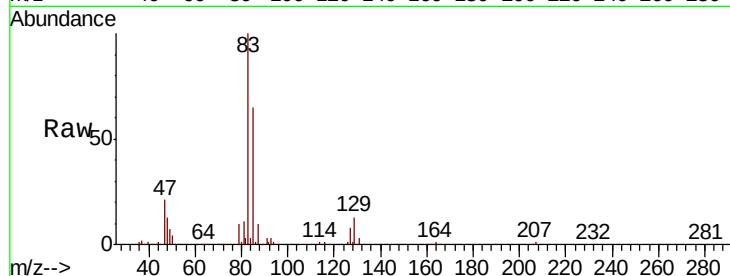
Tot Ion: 83 Resp: 113980

Ion Ratio Lower Upper

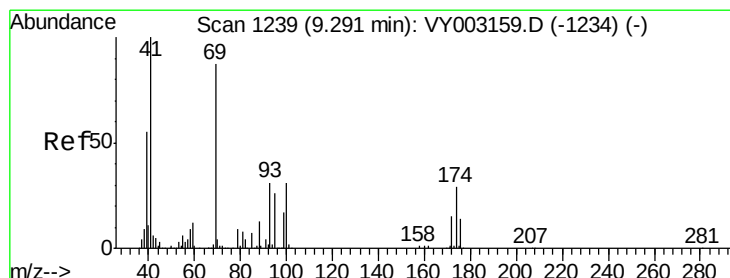
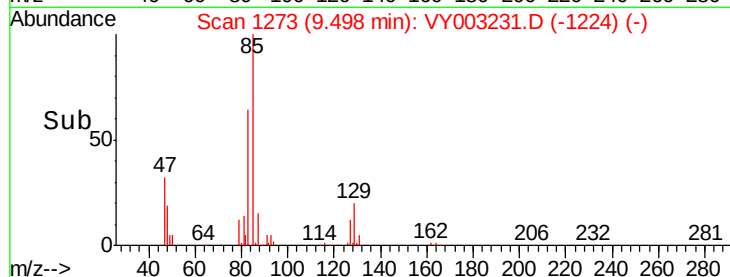
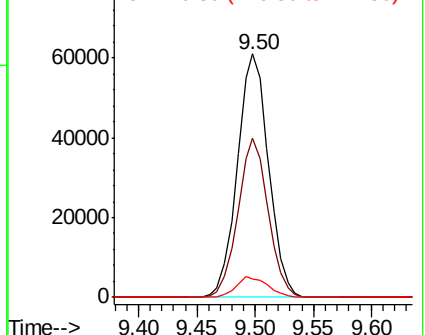
83 100

85 65.3 50.9 76.3

127 7.7 7.0 10.4



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



#48

Methyl methacrylate

Concen: 24.098 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. 0.01 min

Lab File: VY003231.D

Acq: 20 Jul 2020 15:03

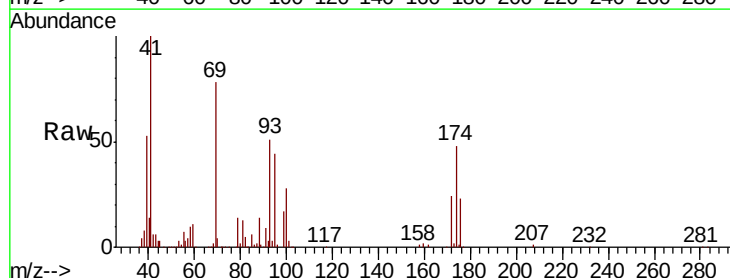
Tgt Ion: 41 Resp: 59917

Ion Ratio Lower Upper

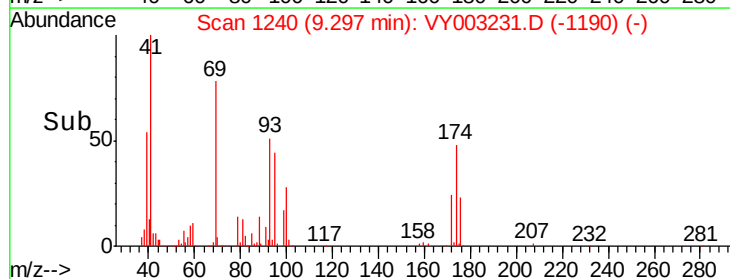
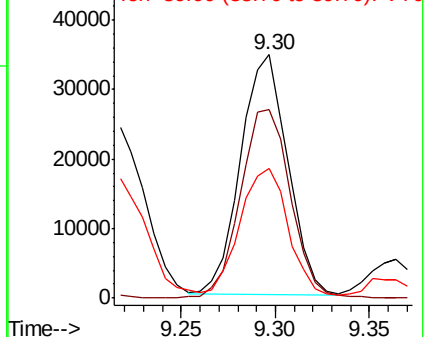
41 100

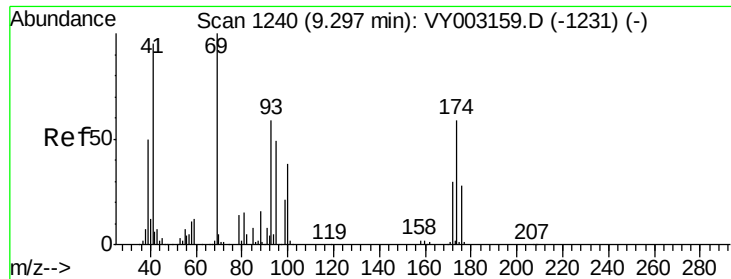
69 83.7 74.5 111.7

39 53.6 47.5 71.3



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

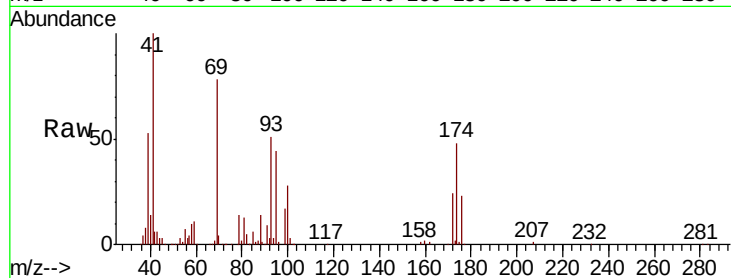




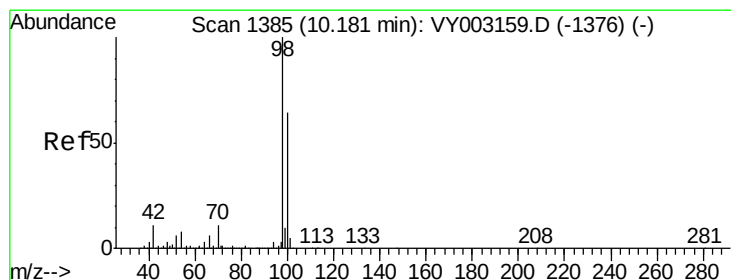
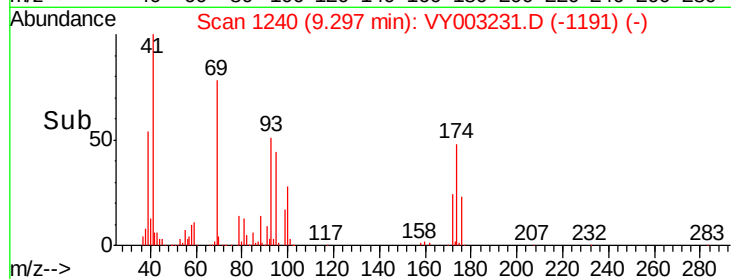
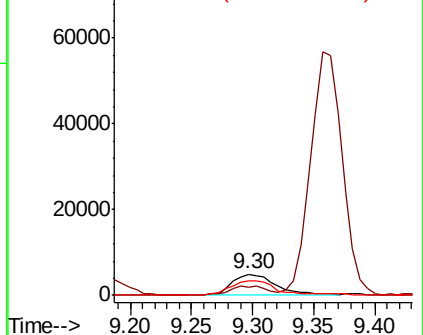
#49
1,4-Dioxane
Concen: 441.829 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VY003231.D
Acq: 20 Jul 2020 15:03

Instrument :
MSVOA_Y
ClientSampleId :
VY0720SBS01

Tot Ion: 88 Resp: 12450
Ion Ratio Lower Upper
88 100
43 38.8 25.6 38.4#
58 69.6 47.8 71.6

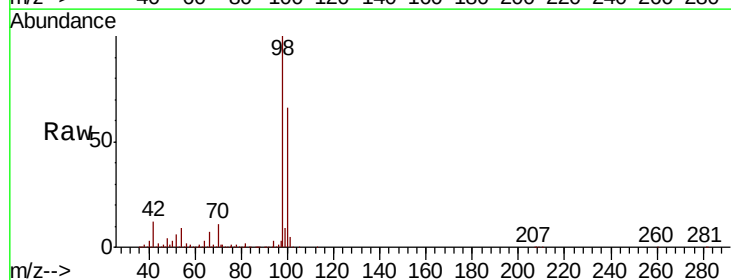


Abundance Ion 88.00 (87.70 to 88.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0

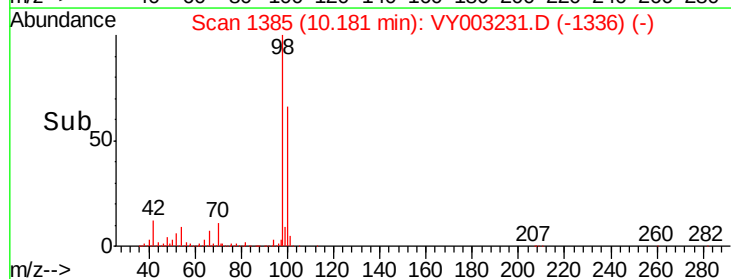
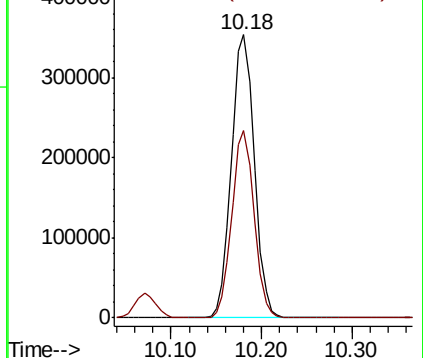


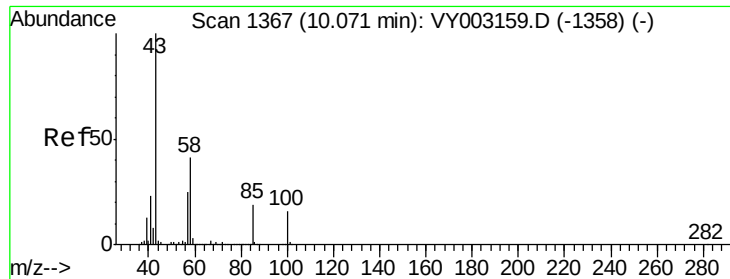
#50
Toluene-d8
Concen: 49.218 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY003231.D
Acq: 20 Jul 2020 15:03

Tgt Ion: 98 Resp: 619904
Ion Ratio Lower Upper
98 100
100 64.3 50.7 76.1



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

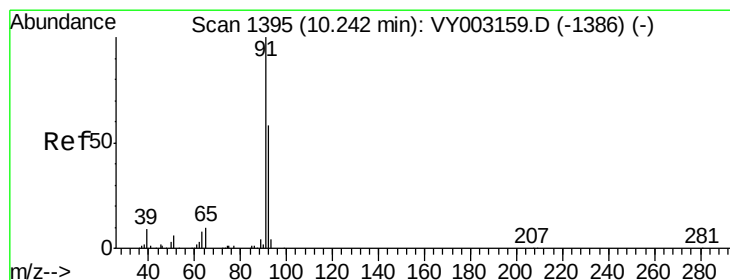
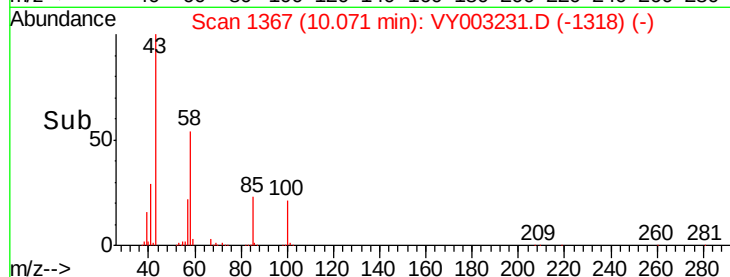
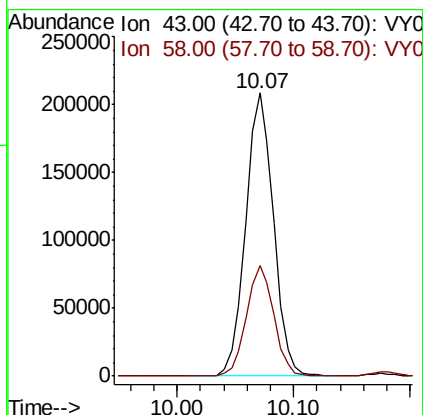
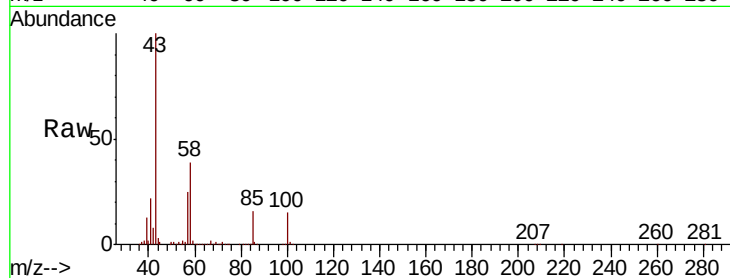




#51
4-Methyl-2-Pentanone
Concen: 119.967 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VY003231.D
Acq: 20 Jul 2020 15:03

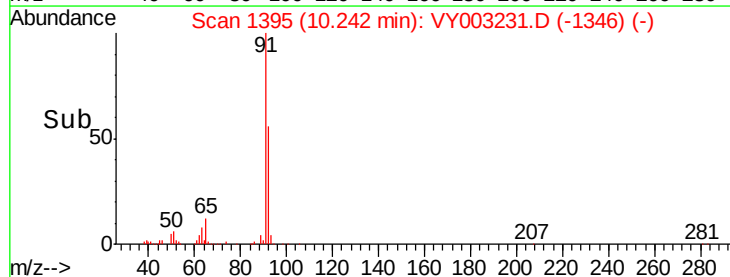
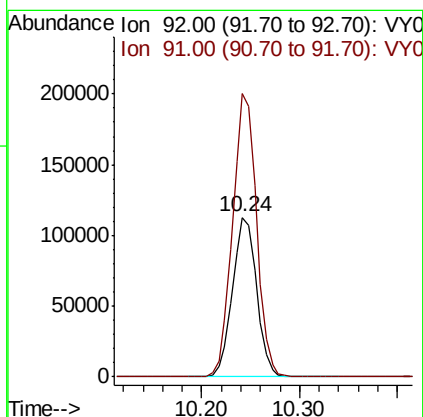
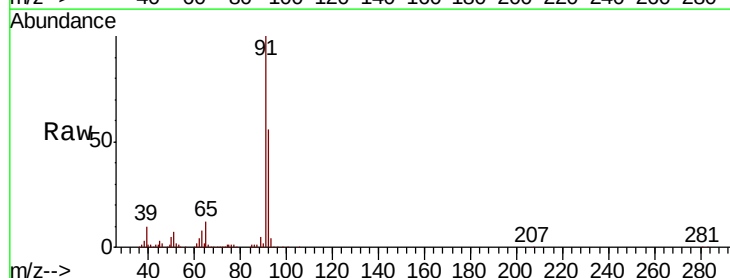
Instrument :
MSVOA_Y
ClientSampleId :
VY0720SBS01

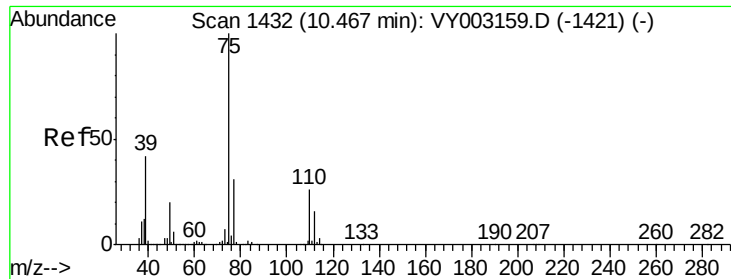
Tot Ion: 43 Resp: 346794
Ion Ratio Lower Upper
43 100
58 38.7 32.7 49.1



#52
Toluene
Concen: 20.611 ug/l
RT: 10.24 min Scan# 1395
Delta R.T. -0.00 min
Lab File: VY003231.D
Acq: 20 Jul 2020 15:03

Tgt Ion: 92 Resp: 193537
Ion Ratio Lower Upper
92 100
91 175.8 139.7 209.5





#53

t-1,3-Dichloropropene

Concen: 21.799 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VY003231.D

Acq: 20 Jul 2020 15:03

Instrument :

MSVOA_Y

ClientSampleId :

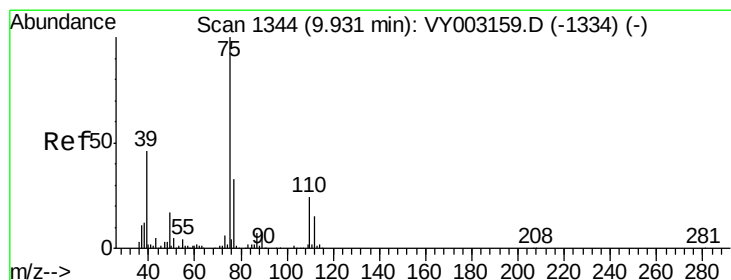
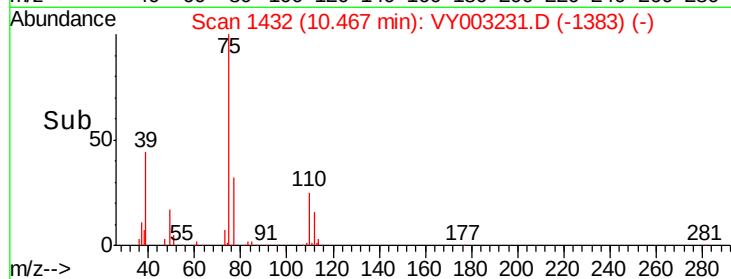
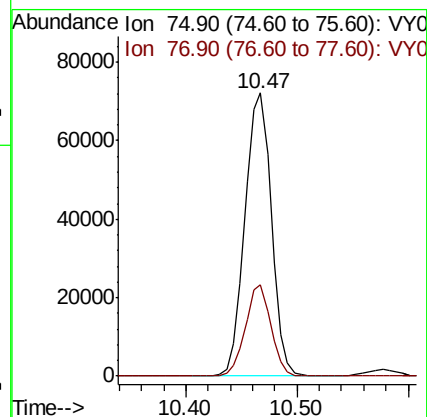
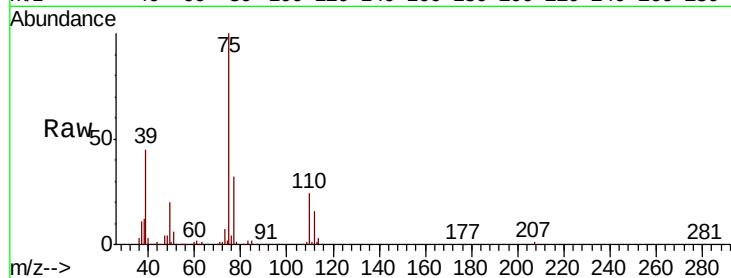
VY0720SBS01

Tot Ion: 75 Resp: 119263

Ion Ratio Lower Upper

75 100

77 32.1 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 21.273 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. -0.00 min

Lab File: VY003231.D

Acq: 20 Jul 2020 15:03

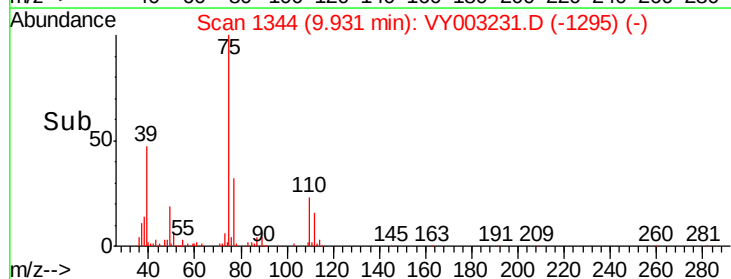
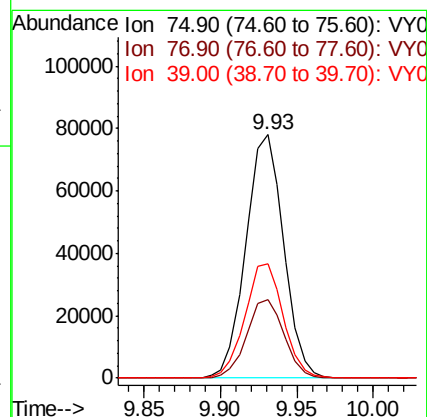
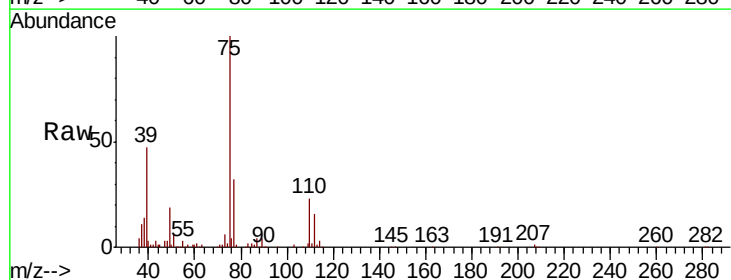
Tgt Ion: 75 Resp: 134095

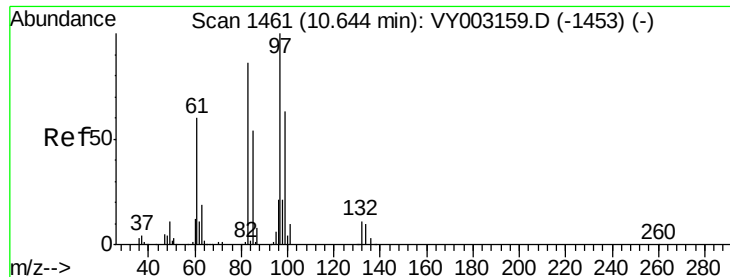
Ion Ratio Lower Upper

75 100

77 32.2 26.7 40.1

39 46.8 37.0 55.6

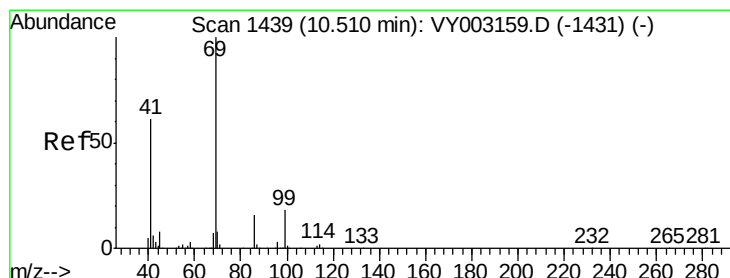
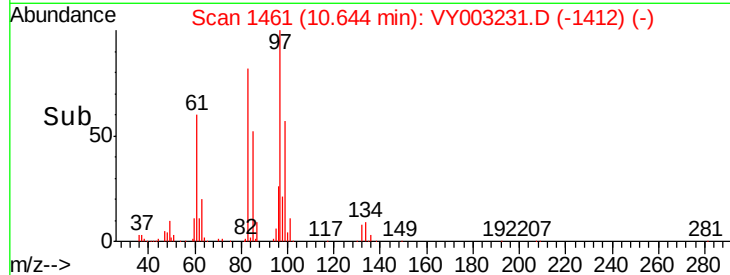
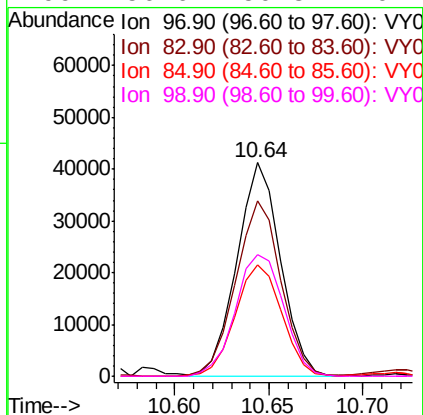
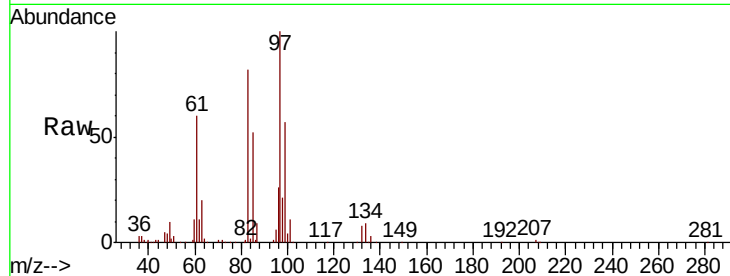




#55
 1,1,2-Trichloroethane
 Concen: 21.110 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.00 min
 Lab File: VY003231.D
 Acq: 20 Jul 2020 15:03

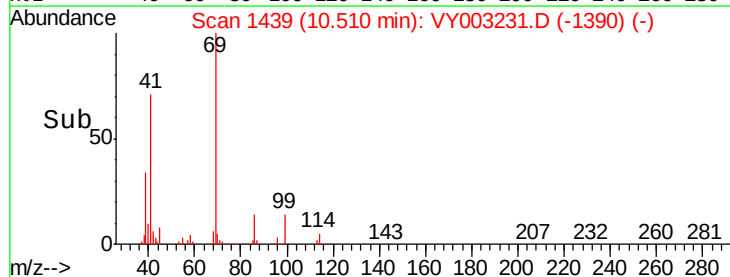
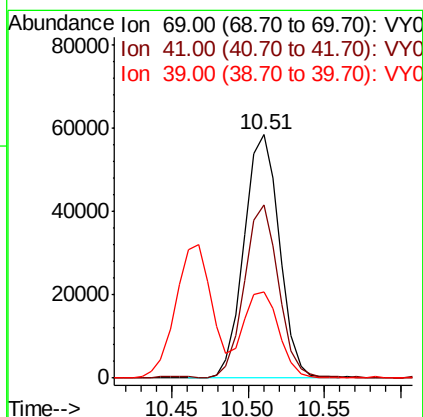
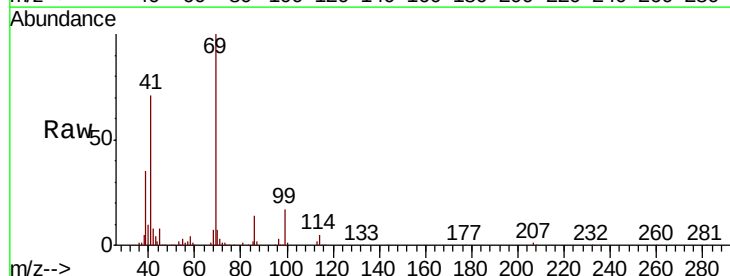
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0720SBS01

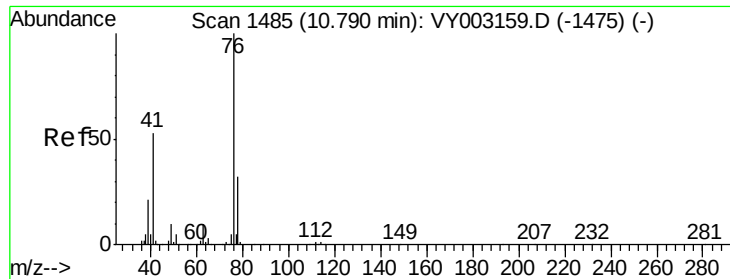
Tot Ion:	97	Resp:	66416
Ion	Ratio	Lower	Upper
97	100		
83	82.1	68.8	103.2
85	51.8	43.1	64.7
99	56.6	50.8	76.2



#56
 Ethyl methacrylate
 Concen: 21.942 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: VY003231.D
 Acq: 20 Jul 2020 15:03

Tgt Ion:	69	Resp:	93852
Ion	Ratio	Lower	Upper
69	100		
41	69.2	50.0	75.0
39	35.9	27.6	41.4





#57

1,3-Dichloropropane

Concen: 21.621 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. -0.00 min

Lab File: VY003231.D

Acq: 20 Jul 2020 15:03

Instrument :

MSVOA_Y

ClientSampleId :

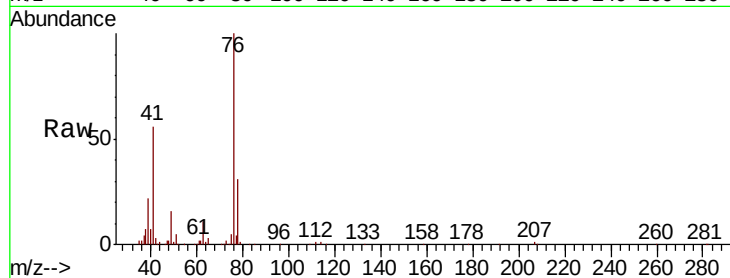
VY0720SBS01

Tot Ion: 76 Resp: 115335

Ion Ratio Lower Upper

76 100

78 33.0 26.0 39.0



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

10.79

80000

60000

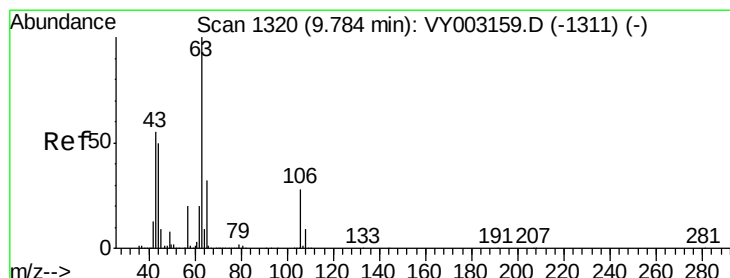
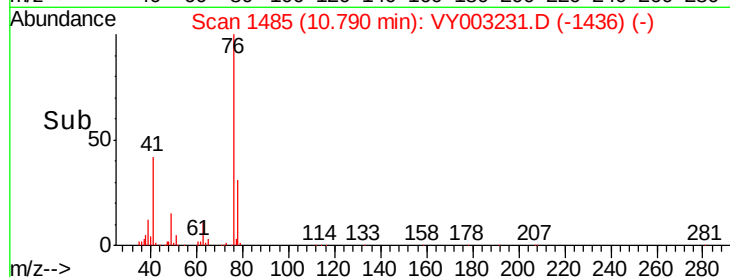
40000

20000

0

Time-->

10.70 10.80 10.90



#58

2-Chloroethyl Vinyl ether

Concen: 117.600 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. -0.00 min

Lab File: VY003231.D

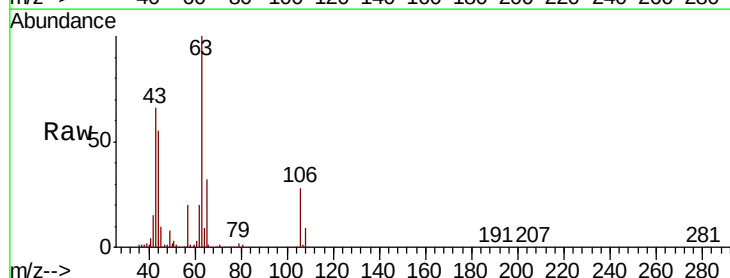
Acq: 20 Jul 2020 15:03

Tgt Ion: 63 Resp: 256534

Ion Ratio Lower Upper

63 100

106 27.1 22.9 34.3



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

9.78

150000

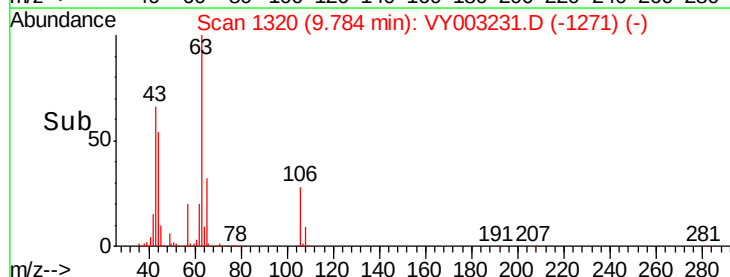
100000

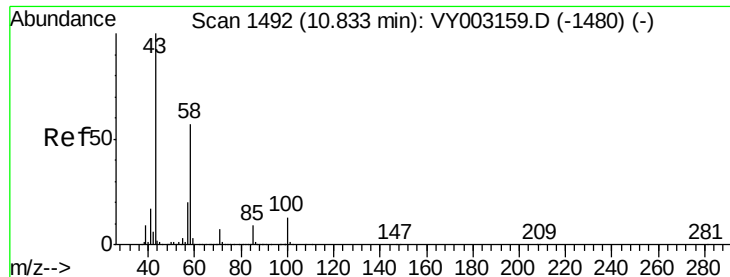
50000

0

Time-->

9.70 9.75 9.80 9.85 9.90

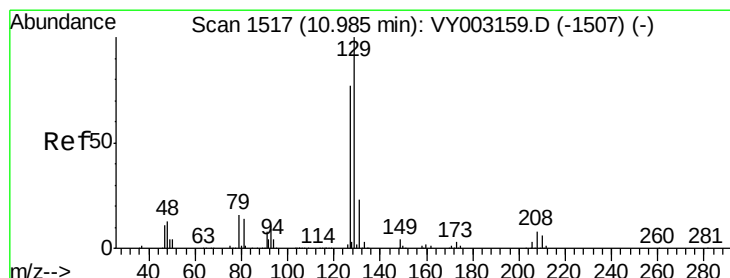
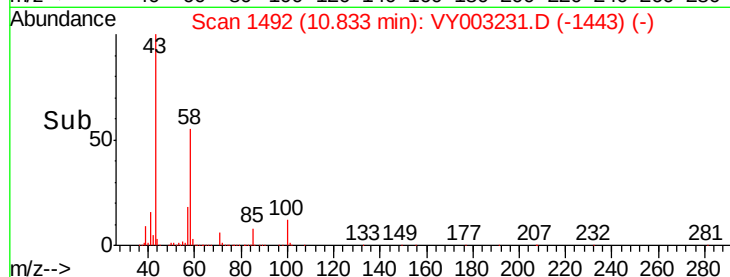
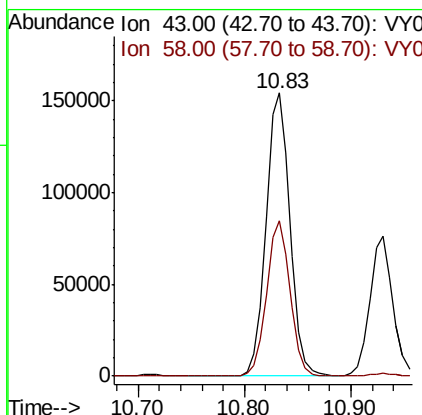
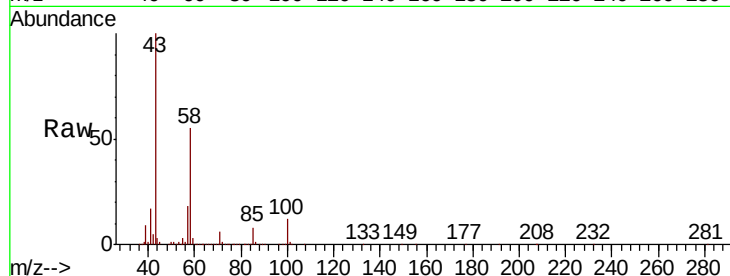




#59
2-Hexanone
Concen: 119.941 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY003231.D
Acq: 20 Jul 2020 15:03

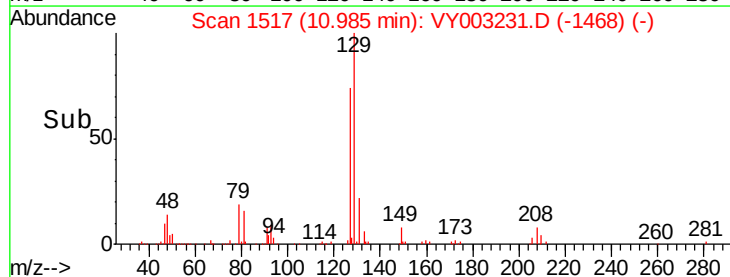
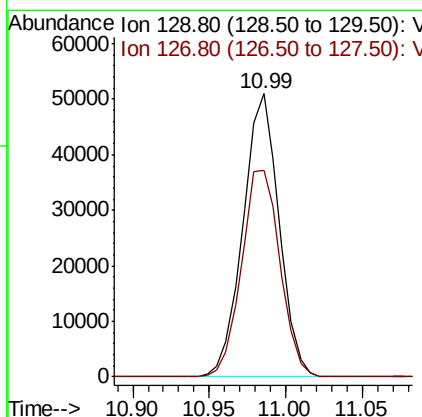
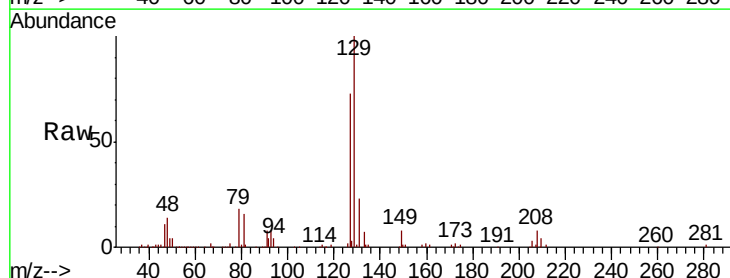
Instrument :
MSVOA_Y
ClientSampleId :
VY0720SBS01

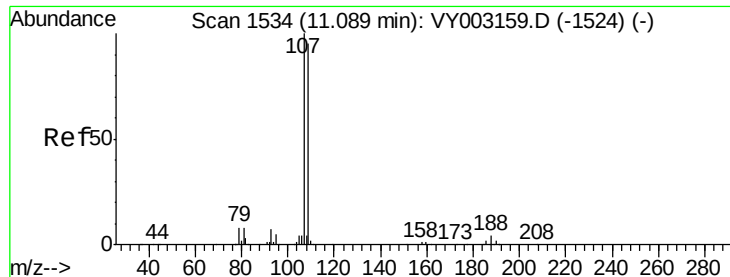
Tot Ion: 43 Resp: 242035
Ion Ratio Lower Upper
43 100
58 54.1 28.3 85.0



#60
Dibromochloromethane
Concen: 21.121 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY003231.D
Acq: 20 Jul 2020 15:03

Tgt Ion: 129 Resp: 83578
Ion Ratio Lower Upper
129 100
127 77.7 38.5 115.5

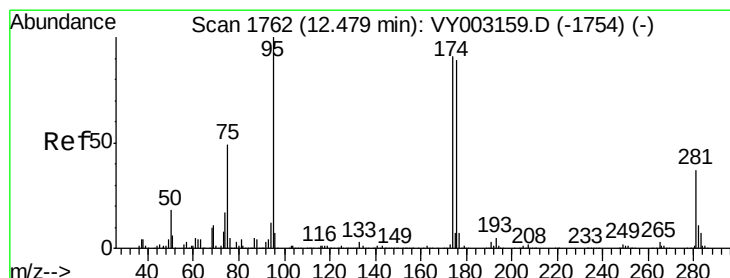
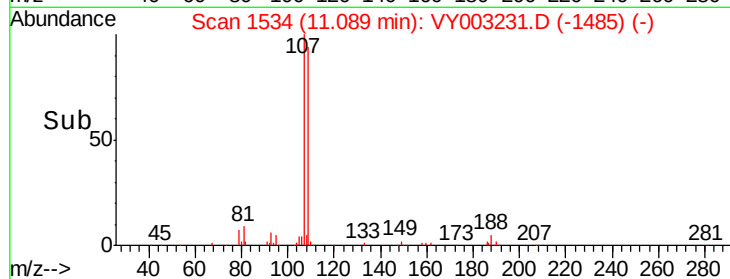
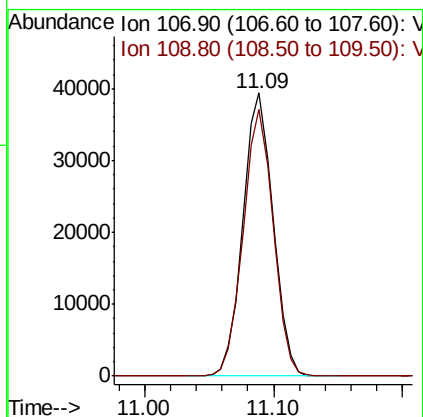
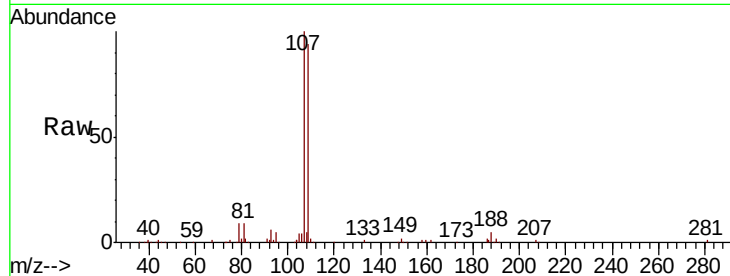




#61
 1,2-Dibromoethane
 Concen: 20.472 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VY003231.D
 Acq: 20 Jul 2020 15:03

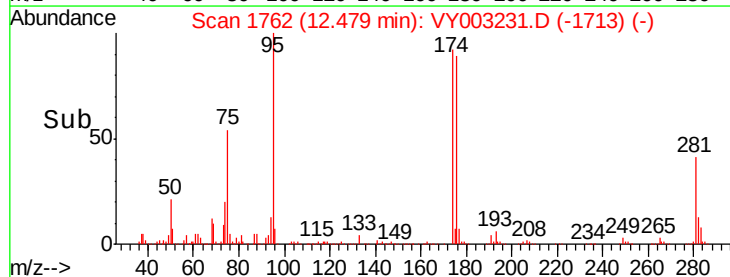
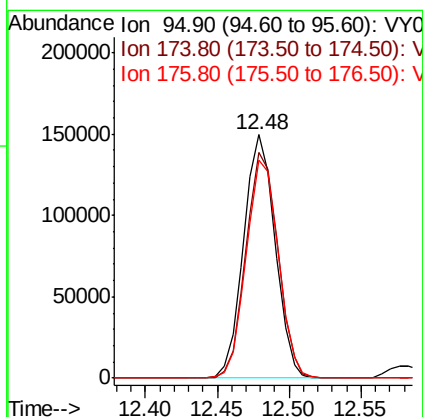
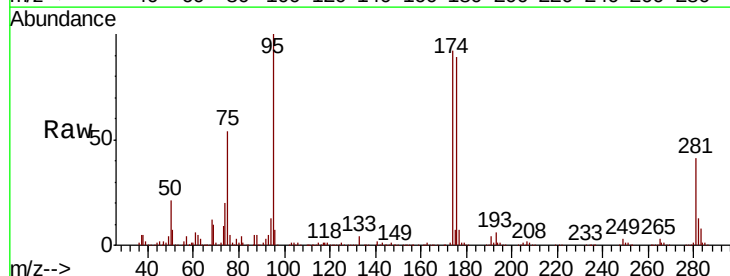
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0720SBSD01

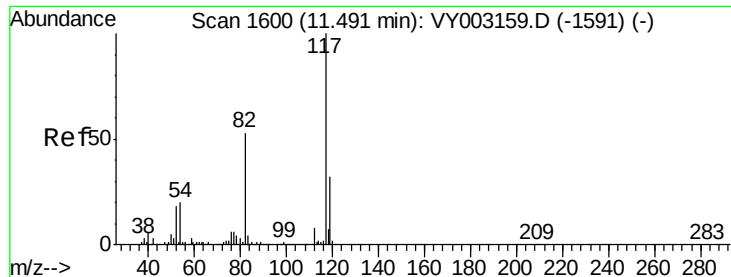
Tot Ion:107 Resp: 63567
 Ion Ratio Lower Upper
 107 100
 109 93.9 75.6 113.4



#62
 4-Bromofluorobenzene
 Concen: 49.757 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VY003231.D
 Acq: 20 Jul 2020 15:03

Tgt Ion: 95 Resp: 226398
 Ion Ratio Lower Upper
 95 100
 174 94.0 0.0 190.6
 176 91.5 0.0 186.4

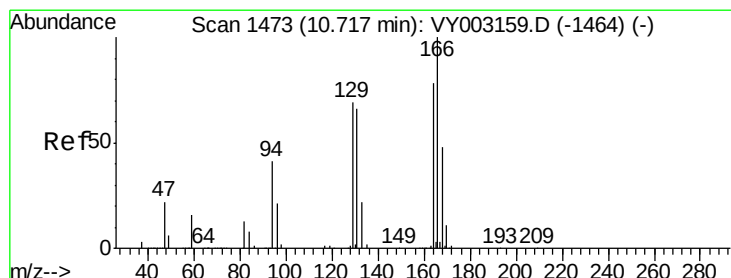
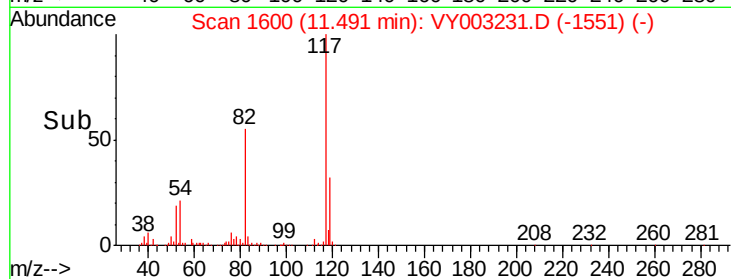
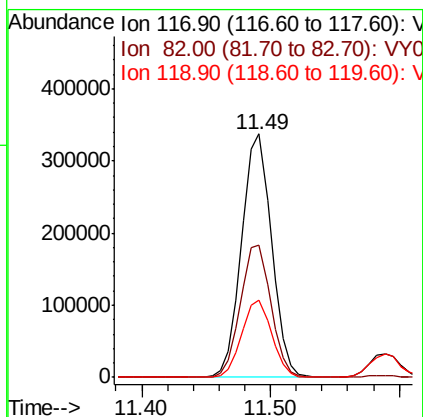
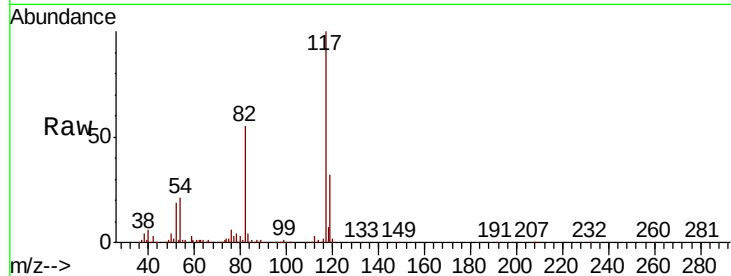




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY003231.D
Acq: 20 Jul 2020 15:03

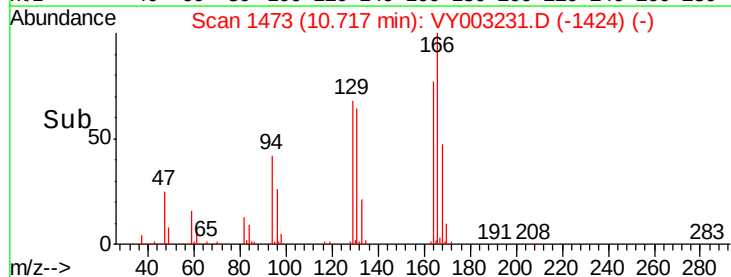
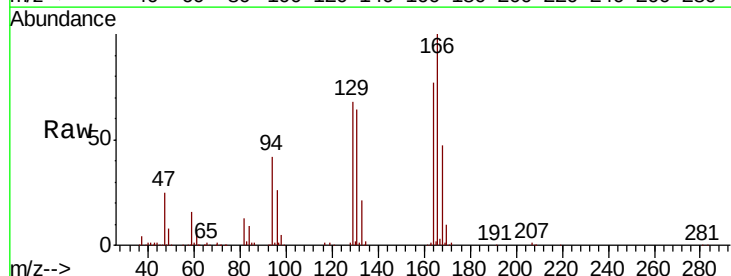
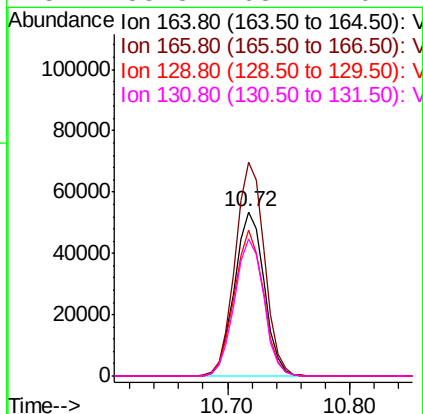
Instrument :
MSVOA_Y
ClientSampleId :
VY0720SBS01

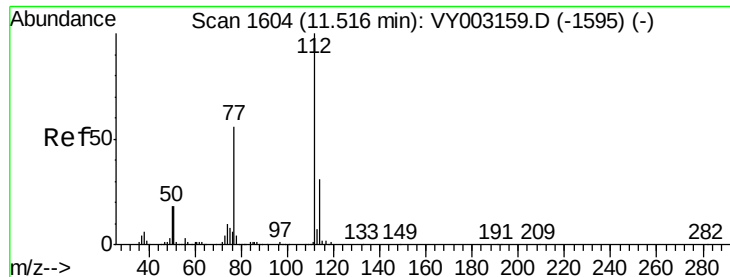
Tot Ion	Ratio	Lower	Upper
117	100		
82	54.6	42.0	63.0
119	31.9	25.5	38.3



#64
Tetrachloroethene
Concen: 18.506 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY003231.D
Acq: 20 Jul 2020 15:03

Tgt Ion	Ratio	Lower	Upper
164	100		
166	130.0	102.9	154.3
129	88.6	71.4	107.2
131	83.3	68.1	102.1

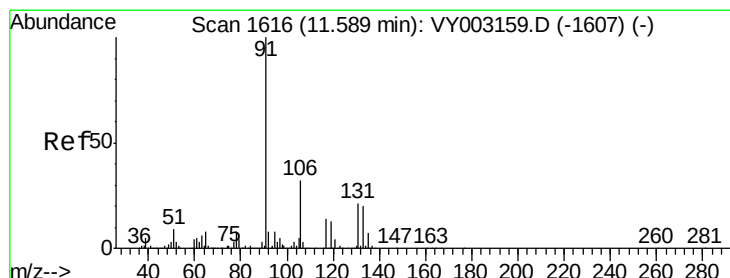
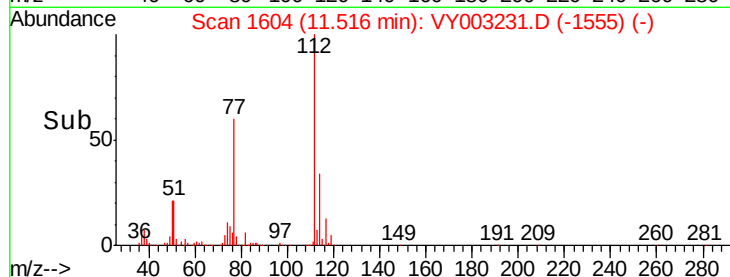
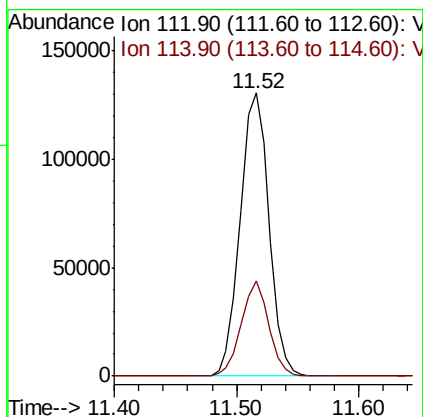
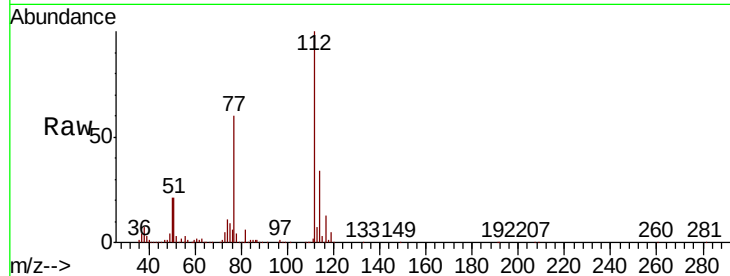




#65
Chlorobenzene
Concen: 20.404 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VY003231.D
Acq: 20 Jul 2020 15:03

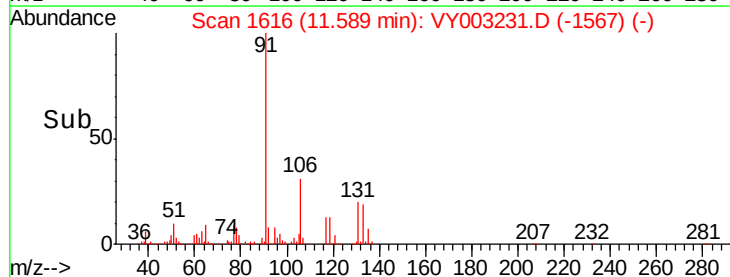
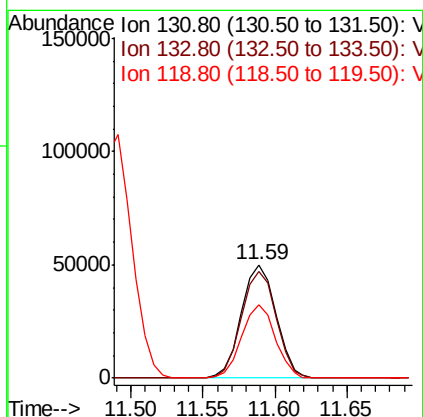
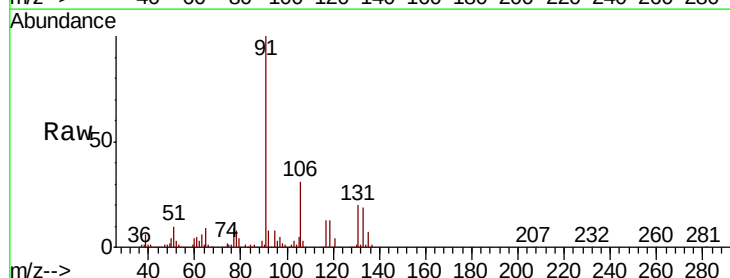
Instrument :
MSVOA_Y
ClientSampleId :
VY0720SBSD01

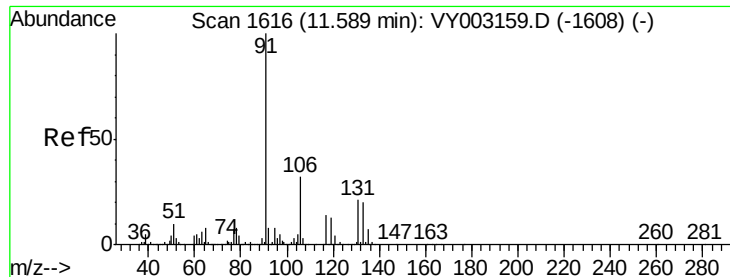
Tot Ion:112 Resp: 213101
Ion Ratio Lower Upper
112 100
114 33.7 24.7 37.1



#66
1,1,1,2-Tetrachloroethane
Concen: 20.584 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY003231.D
Acq: 20 Jul 2020 15:03

Tgt Ion:131 Resp: 83500
Ion Ratio Lower Upper
131 100
133 94.6 48.0 144.0
119 63.1 32.4 97.0





#67

Ethyl Benzene

Concen: 20.498 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. -0.00 min

Lab File: VY003231.D

Acq: 20 Jul 2020 15:03

Instrument :

MSVOA_Y

ClientSampleId :

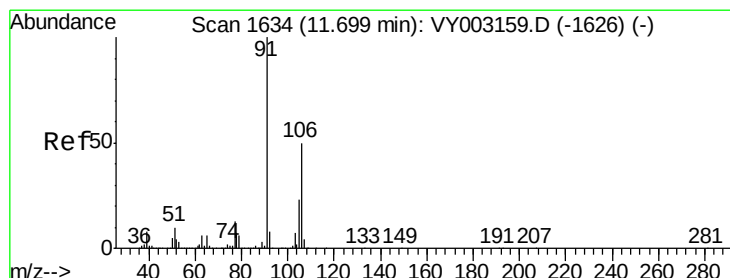
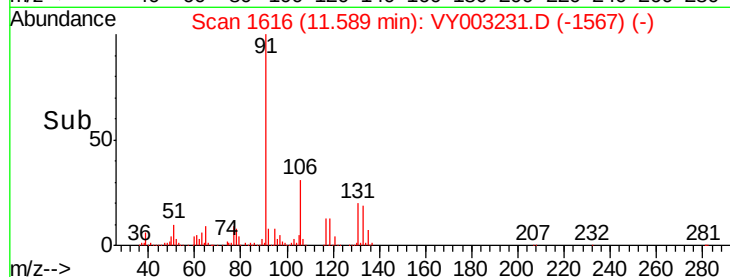
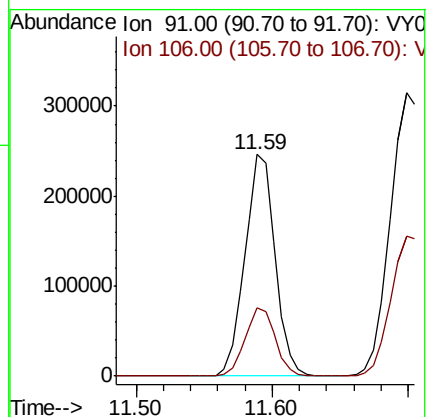
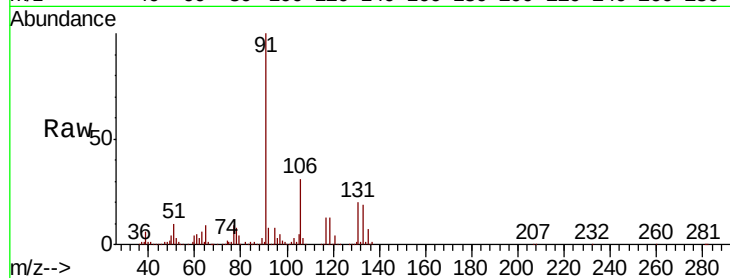
VY0720SBS01

Tot Ion: 91 Resp: 382253

Ion Ratio Lower Upper

91 100

106 30.8 25.5 38.3



#68

m/p-Xylenes

Concen: 40.846 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. -0.00 min

Lab File: VY003231.D

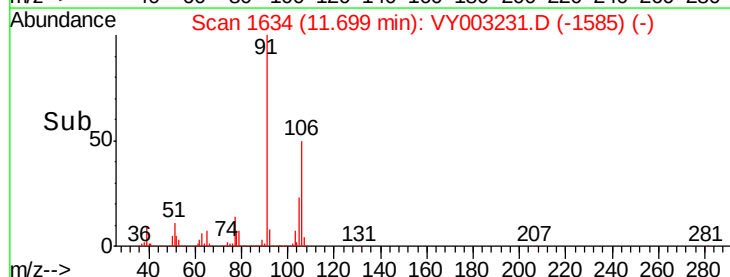
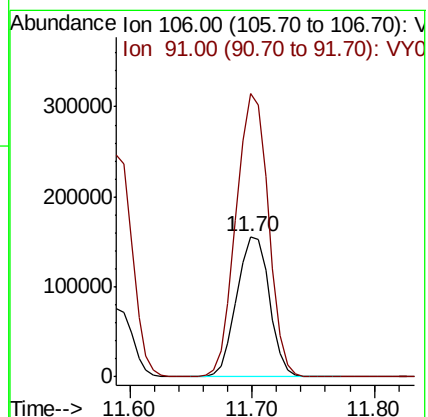
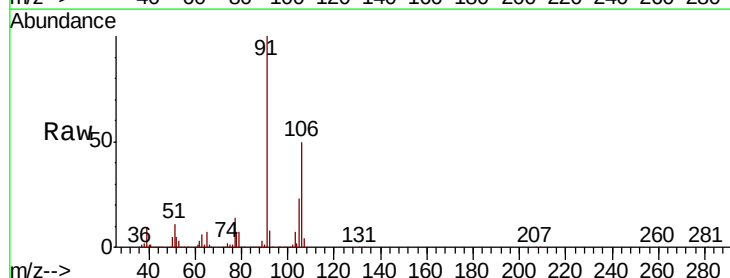
Acq: 20 Jul 2020 15:03

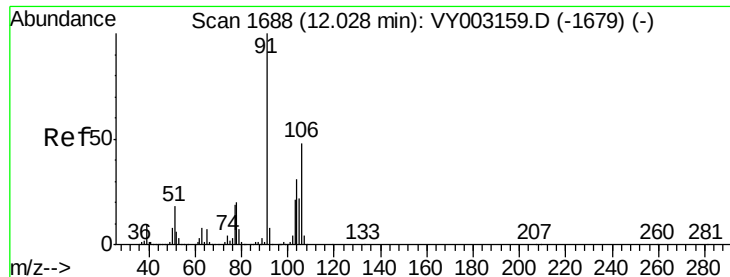
Tgt Ion: 106 Resp: 289011

Ion Ratio Lower Upper

106 100

91 200.0 159.0 238.6

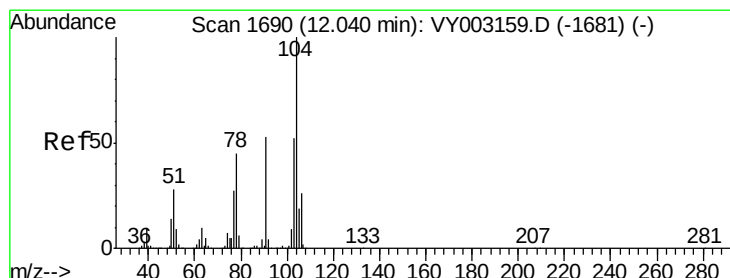
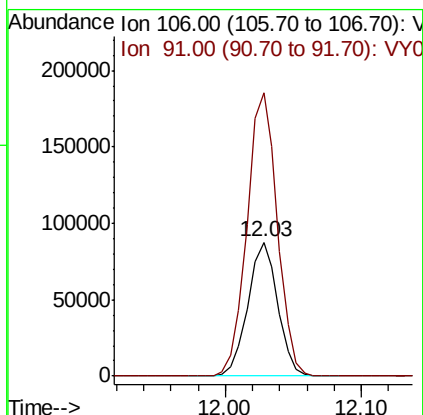
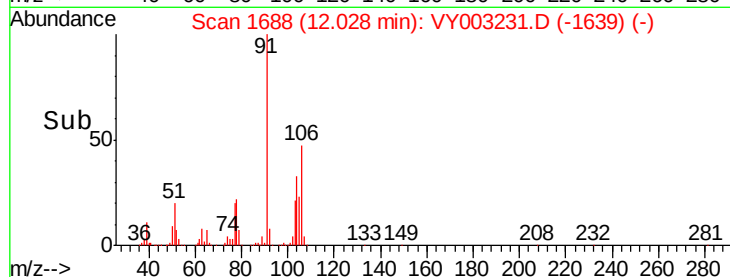
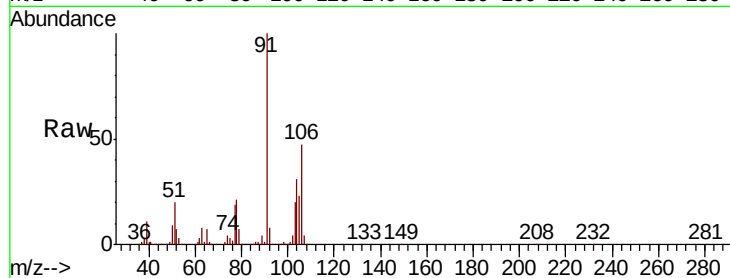




#69
o-Xylene
Concen: 20.326 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY003231.D
Acq: 20 Jul 2020 15:03

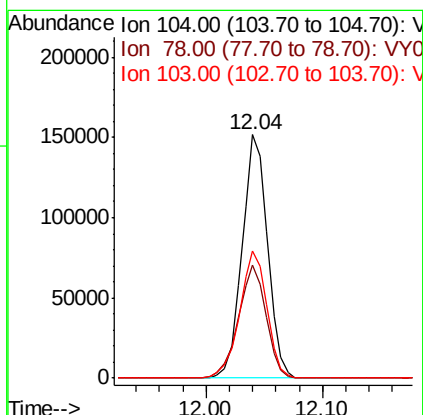
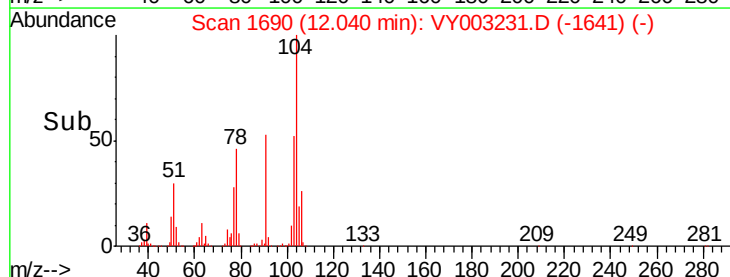
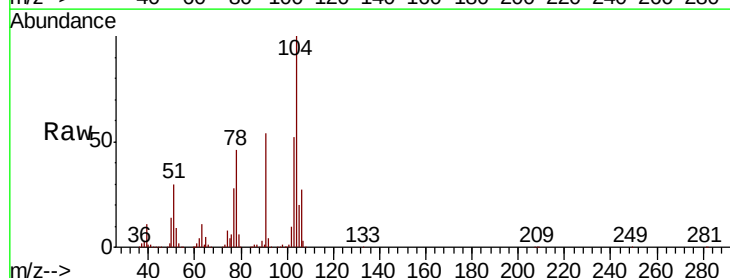
Instrument :
MSVOA_Y
ClientSampleId :
VY0720SBS01

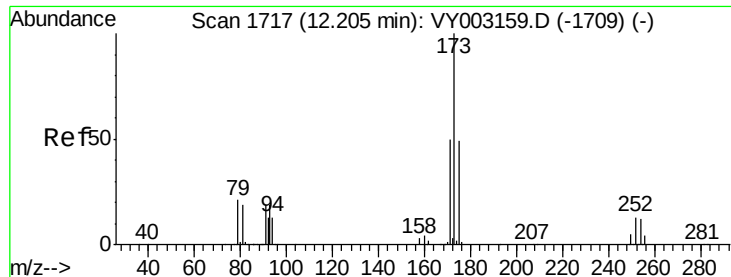
Tot Ion:106 Resp: 134356
Ion Ratio Lower Upper
106 100
91 215.6 105.1 315.1



#70
Styrene
Concen: 20.431 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VY003231.D
Acq: 20 Jul 2020 15:03

Tgt Ion:104 Resp: 231035
Ion Ratio Lower Upper
104 100
78 50.5 38.5 57.7
103 55.9 43.9 65.9

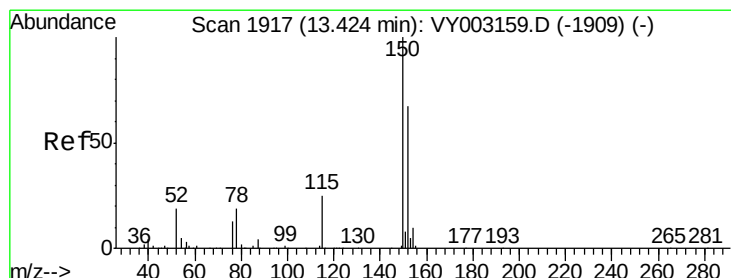
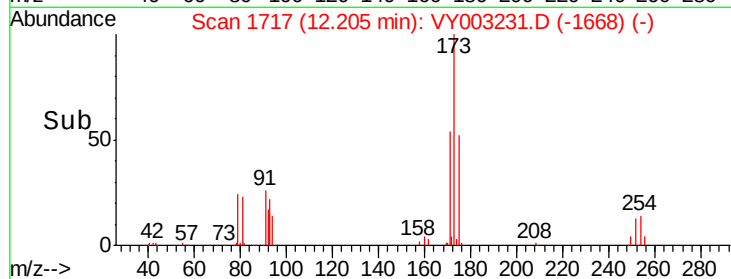
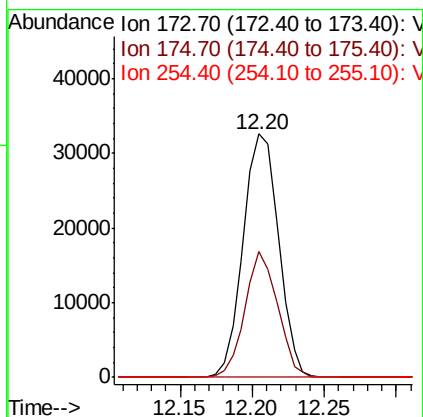
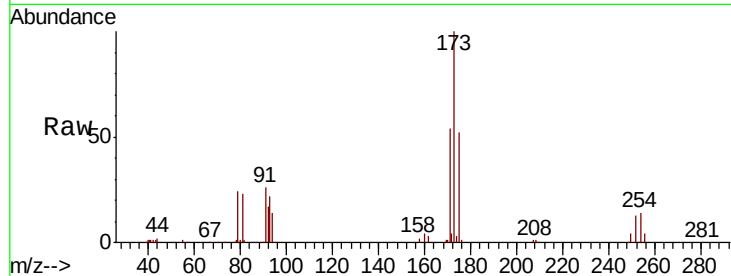




#71
Bromoform
Concen: 20.916 ug/l
RT: 12.20 min Scan# 1717
Delta R.T. -0.00 min
Lab File: VY003231.D
Acq: 20 Jul 2020 15:03

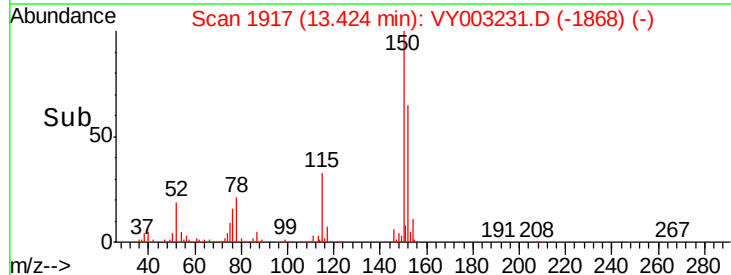
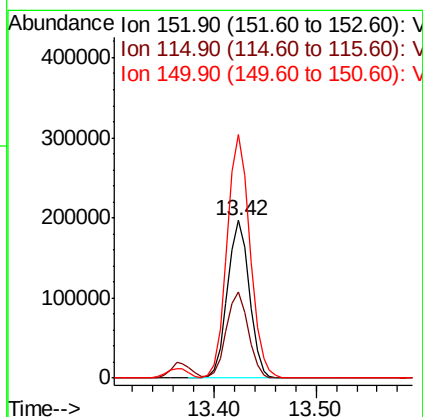
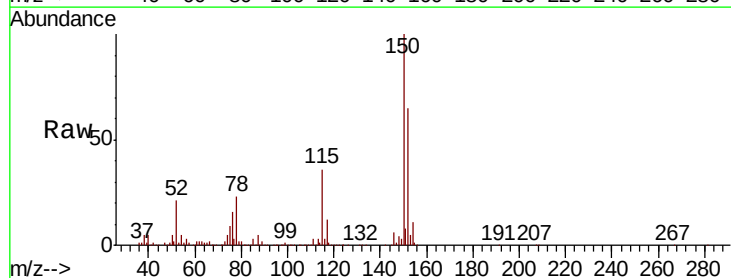
Instrument :
MSVOA_Y
ClientSampleId :
VY0720SBS01

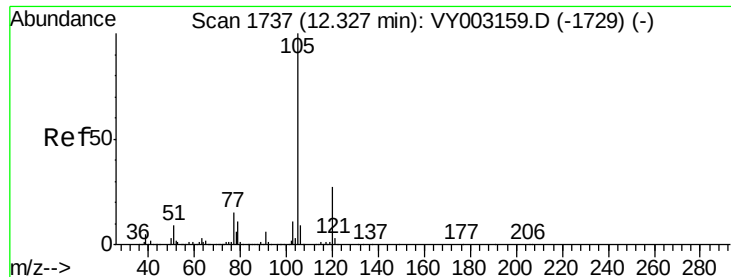
Tot Ion:173 Resp: 55686
Ion Ratio Lower Upper
173 100
175 47.7 24.3 73.0
254 0.0 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY003231.D
Acq: 20 Jul 2020 15:03

Tgt Ion:152 Resp: 291087
Ion Ratio Lower Upper
152 100
115 55.1 26.9 80.7
150 162.1 0.0 338.0





#73

Isopropylbenzene

Concen: 20.172 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VY003231.D

Acq: 20 Jul 2020 15:03

Instrument :

MSVOA_Y

ClientSampleId :

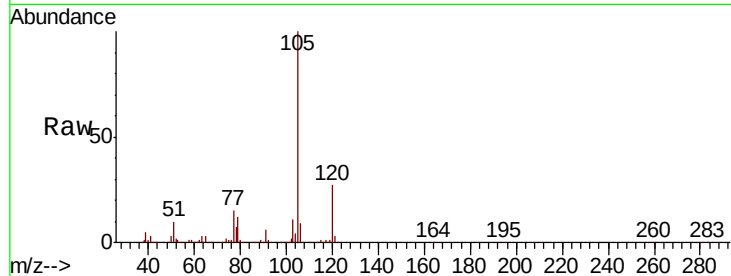
VY0720SBS01

Tot Ion:105 Resp: 374194

Ion Ratio Lower Upper

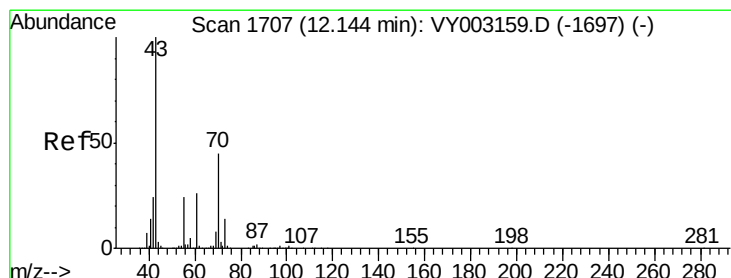
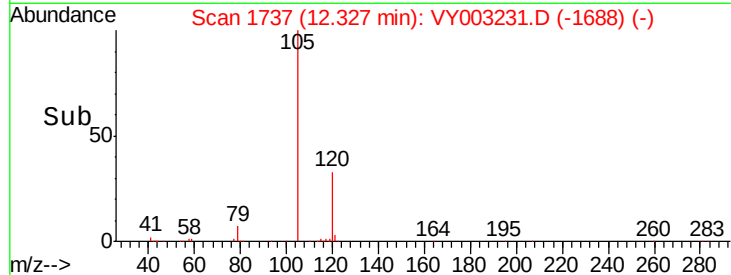
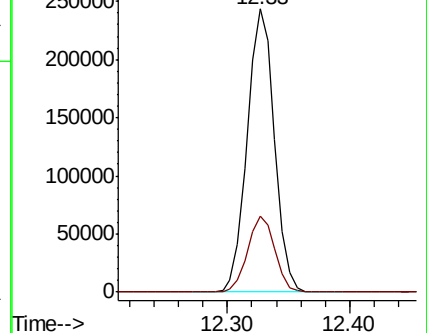
105 100

120 26.8 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 23.473 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VY003231.D

Acq: 20 Jul 2020 15:03

Tgt Ion: 43 Resp: 122173

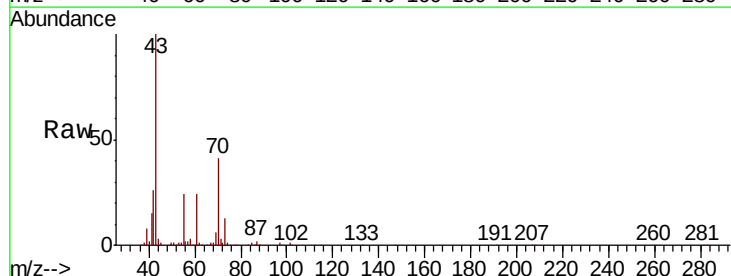
Ion Ratio Lower Upper

43 100

70 41.2 35.6 53.4

55 23.8 19.4 29.2

61 24.5 20.8 31.2

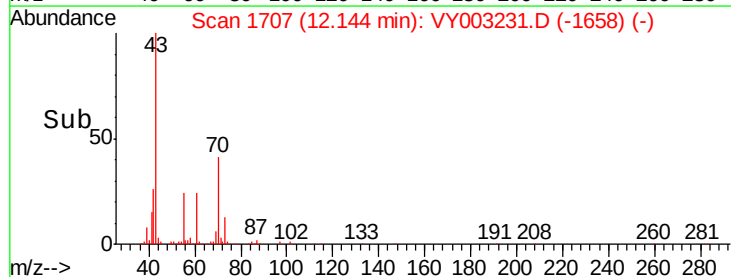
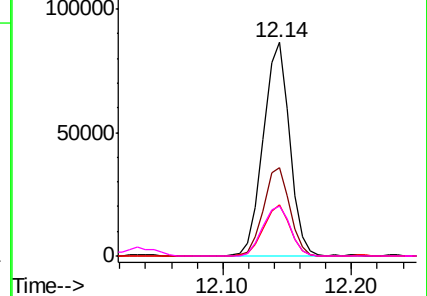


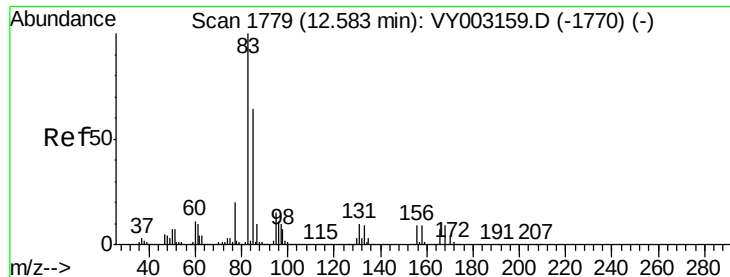
Abundance Ion 43.00 (42.70 to 43.70): VY0

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: 22.166 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY003231.D

Acq: 20 Jul 2020 15:03

Instrument :

MSVOA_Y

ClientSampleId :

VY0720SBS01

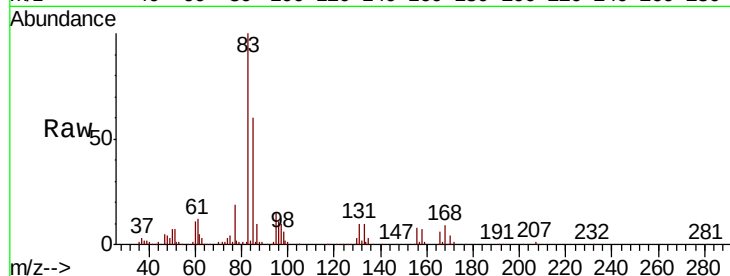
Tot Ion: 83 Resp: 79413

Ion Ratio Lower Upper

83 100

131 11.0 5.2 15.6

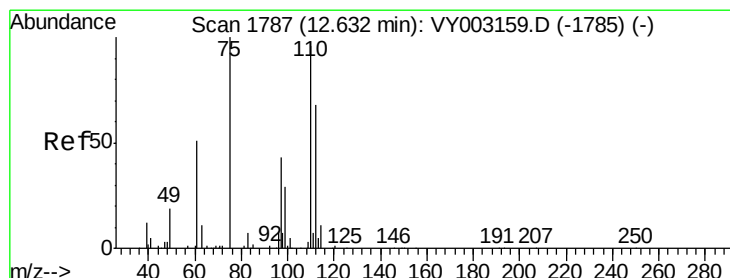
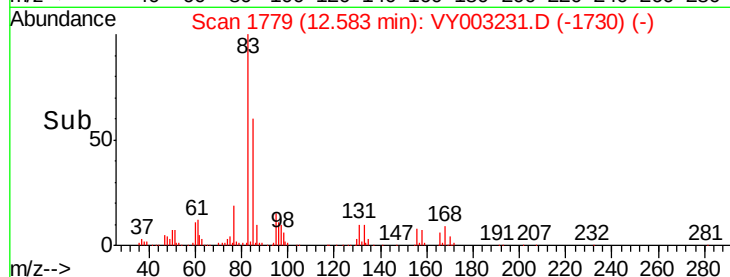
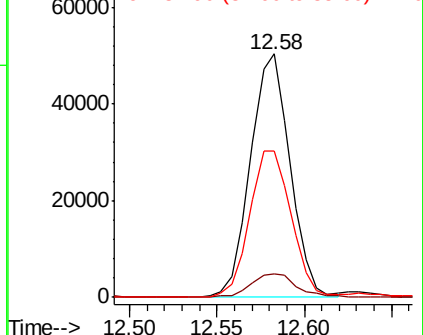
85 63.3 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 130.80 (130.50 to 131.50): VY0

Ion 84.90 (84.60 to 85.60): VY0



#76

1,2,3-Trichloropropane

Concen: 41.136 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. -0.00 min

Lab File: VY003231.D

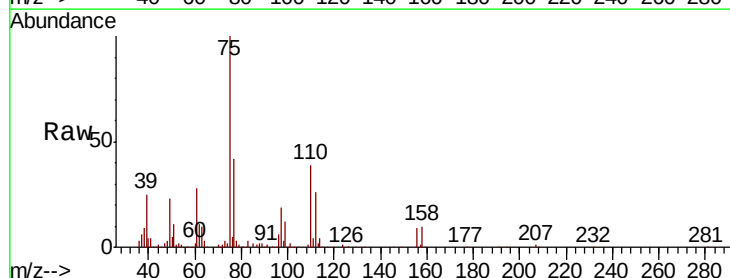
Acq: 20 Jul 2020 15:03

Tgt Ion: 75 Resp: 105991

Ion Ratio Lower Upper

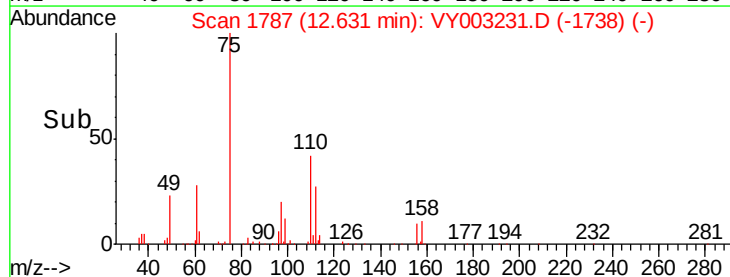
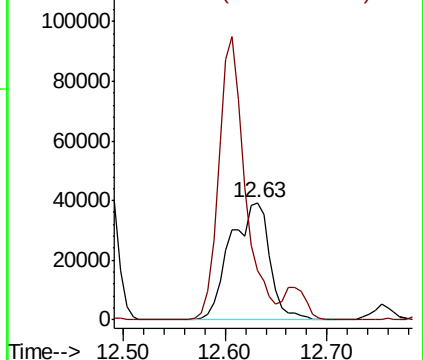
75 100

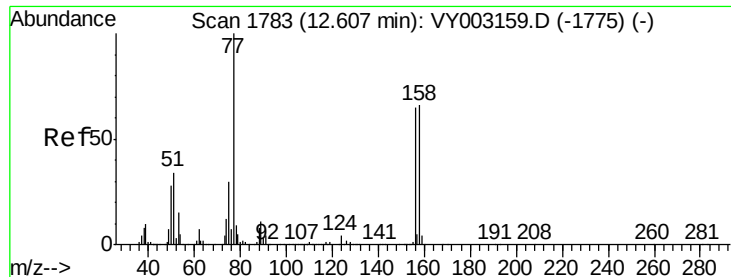
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 20.232 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY003231.D

Acq: 20 Jul 2020 15:03

Instrument :

MSVOA_Y

ClientSampleId :

VY0720SBS01

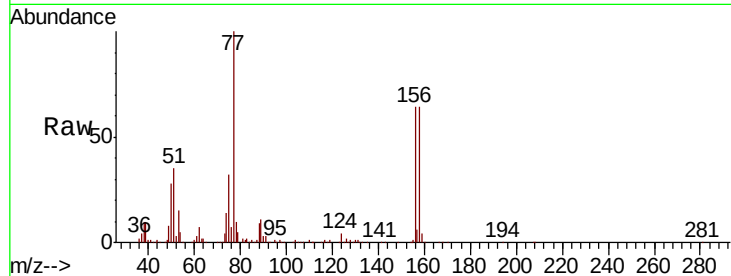
Tot Ion:156 Resp: 95664

Ion Ratio Lower Upper

156 100

77 178.8 86.6 259.7

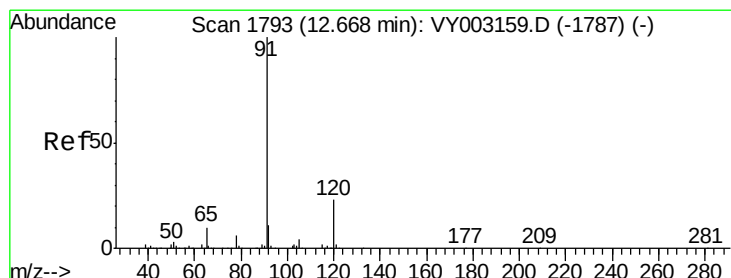
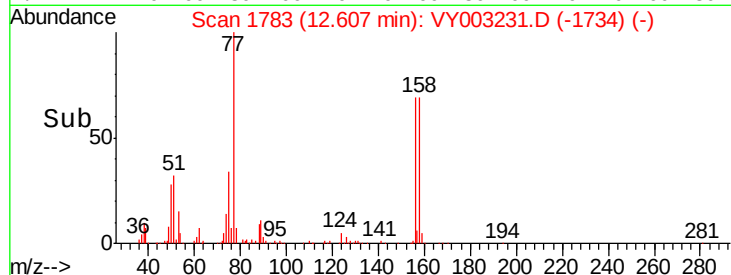
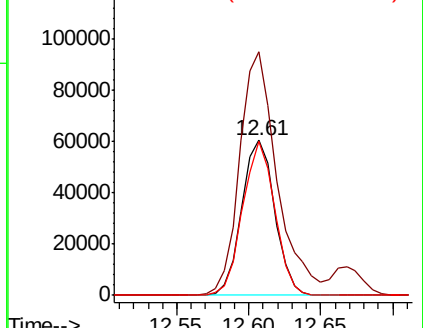
158 96.7 49.4 148.0



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: 20.623 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VY003231.D

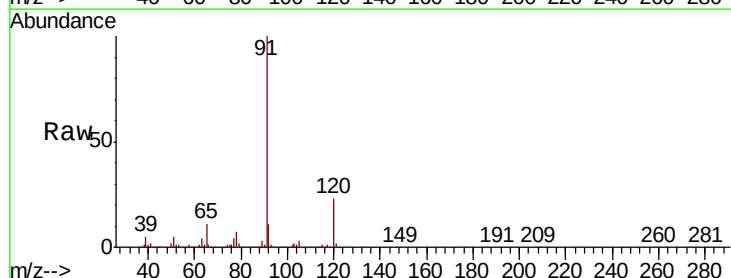
Acq: 20 Jul 2020 15:03

Tgt Ion: 91 Resp: 450950

Ion Ratio Lower Upper

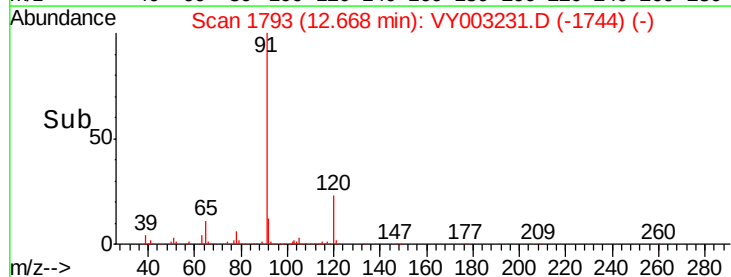
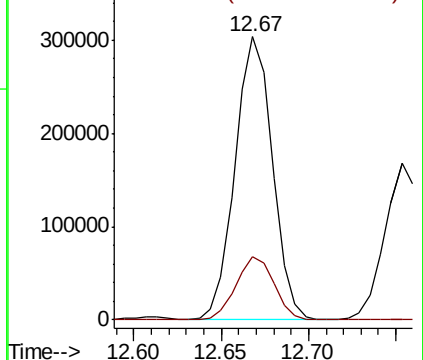
91 100

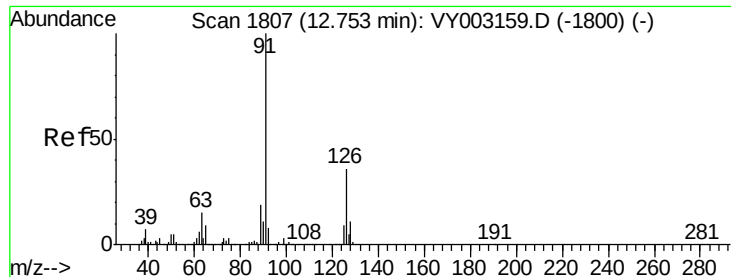
120 22.9 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

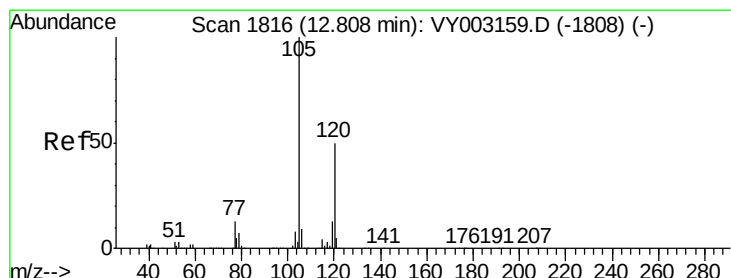
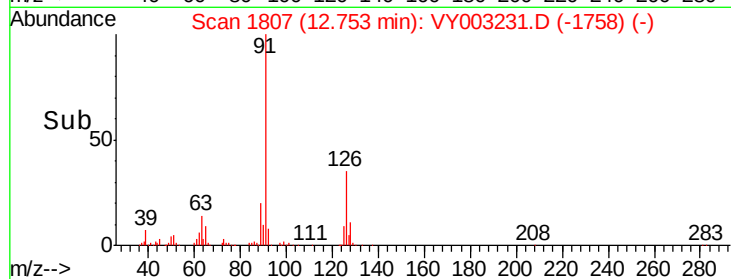
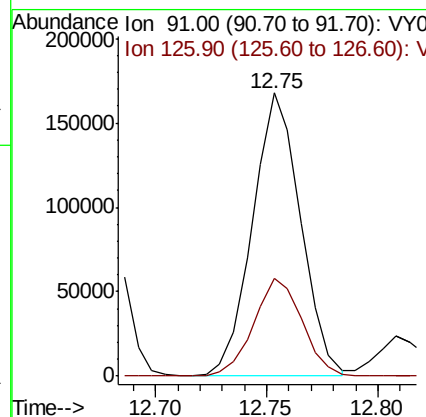
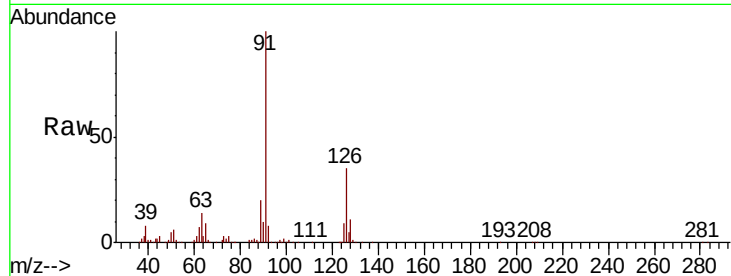




#79
 2-Chlorotoluene
 Concen: 20.656 ug/l
 RT: 12.75 min Scan# 1807
 Delta R.T. -0.00 min
 Lab File: VY003231.D
 Acq: 20 Jul 2020 15:03

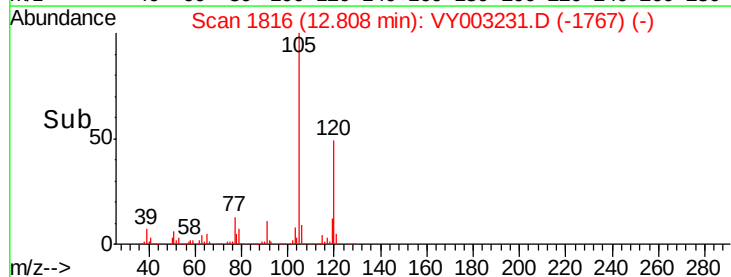
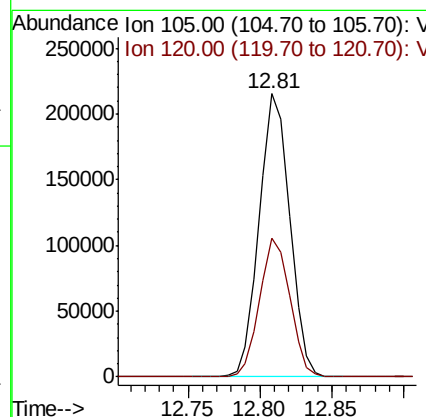
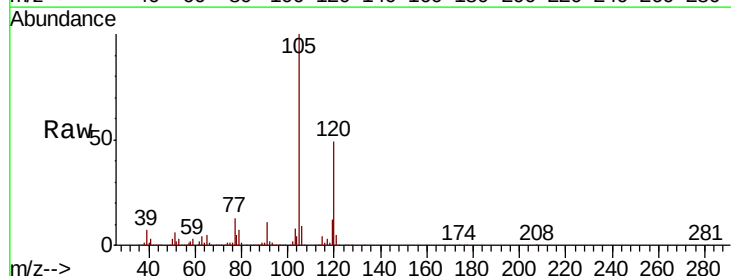
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0720SBS01

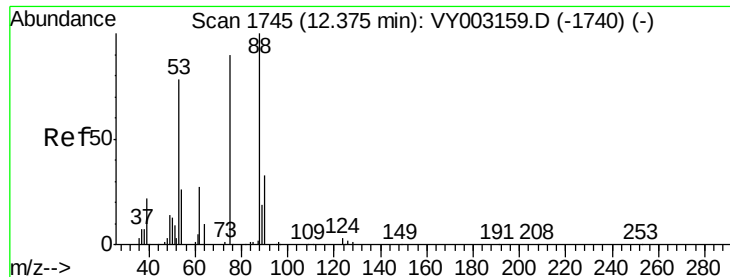
Tot Ion: 91 Resp: 252003
 Ion Ratio Lower Upper
 91 100
 126 34.9 17.6 52.9



#80
 1,3,5-Trimethylbenzene
 Concen: 20.355 ug/l
 RT: 12.81 min Scan# 1816
 Delta R.T. -0.00 min
 Lab File: VY003231.D
 Acq: 20 Jul 2020 15:03

Tgt Ion: 105 Resp: 314702
 Ion Ratio Lower Upper
 105 100
 120 48.7 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 22.516 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. -0.00 min

Lab File: VY003231.D

Acq: 20 Jul 2020 15:03

Instrument :

MSVOA_Y

ClientSampleId :

VY0720SBS01

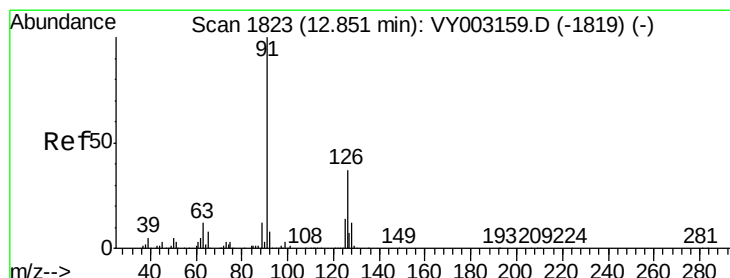
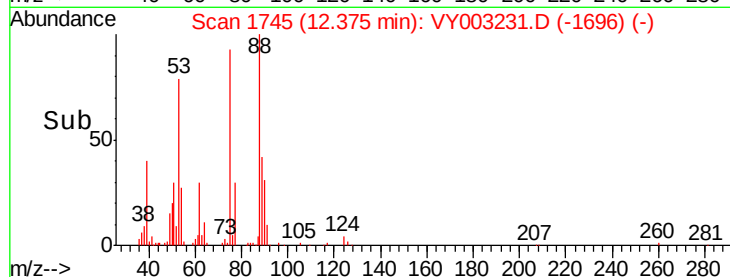
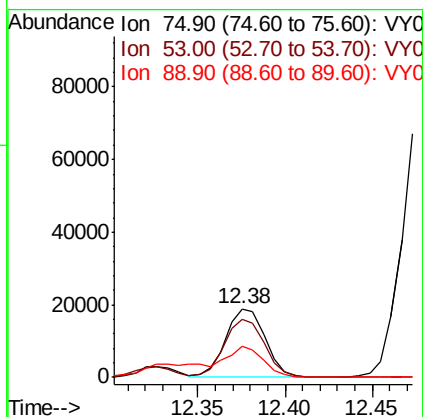
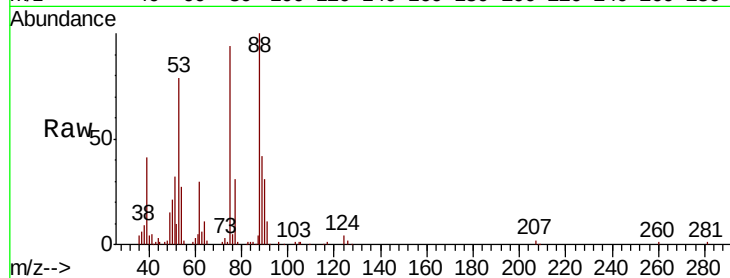
Tot Ion: 75 Resp: 29809

Ion Ratio Lower Upper

75 100

53 86.2 72.0 108.0

89 73.8 37.3 55.9#



#82

4-Chlorotoluene

Concen: 20.488 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. -0.00 min

Lab File: VY003231.D

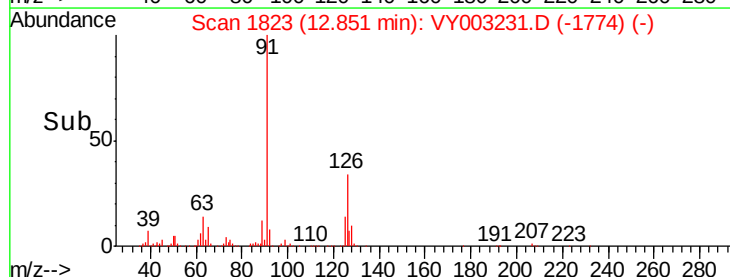
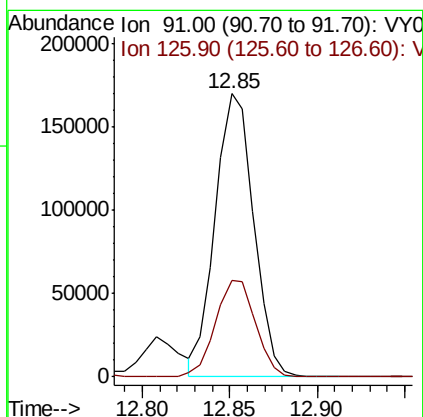
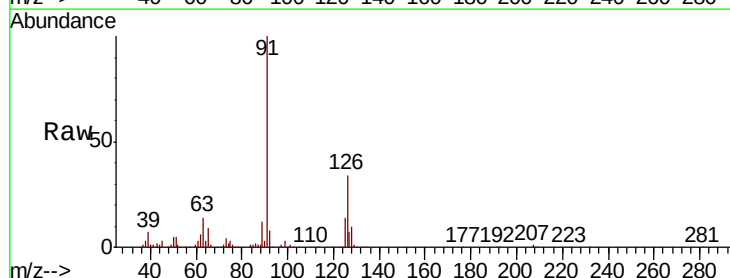
Acq: 20 Jul 2020 15:03

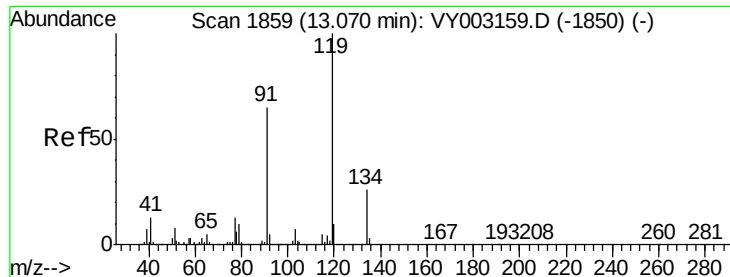
Tgt Ion: 91 Resp: 260882

Ion Ratio Lower Upper

91 100

126 35.5 17.9 53.7





#83

tert-Butylbenzene

Concen: 20.329 ug/l

RT: 13.07 min Scan# 1859

Delta R.T. -0.00 min

Lab File: VY003231.D

Acq: 20 Jul 2020 15:03

Instrument :

MSVOA_Y

ClientSampleId :

VY0720SBS01

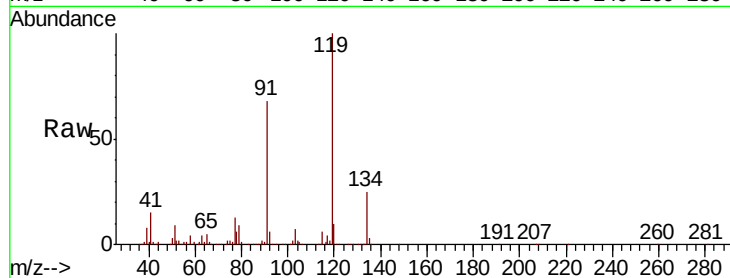
Tot Ion:119 Resp: 277329

Ion Ratio Lower Upper

119 100

91 63.6 30.8 92.4

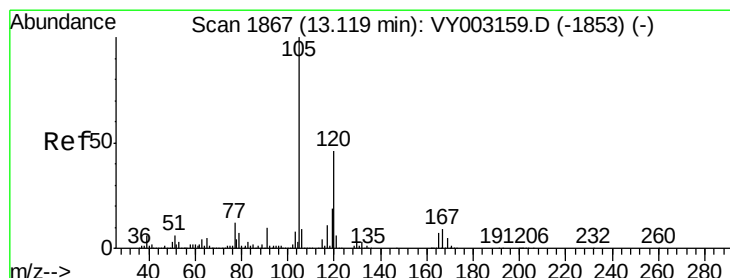
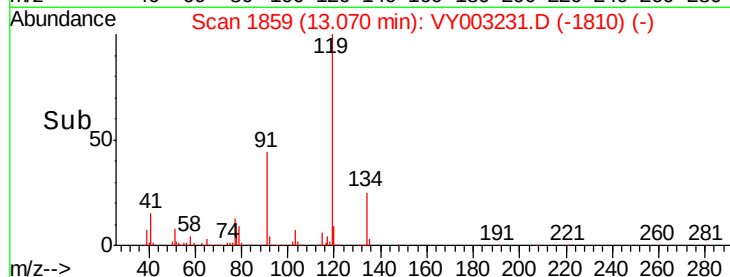
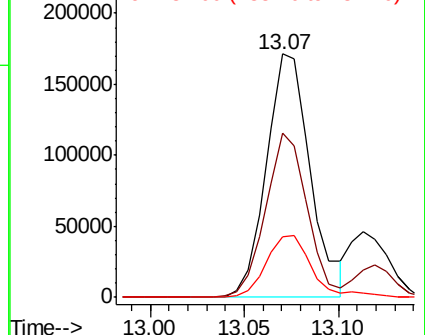
134 26.5 13.2 39.6



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VY0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 20.488 ug/l

RT: 13.12 min Scan# 1867

Delta R.T. -0.00 min

Lab File: VY003231.D

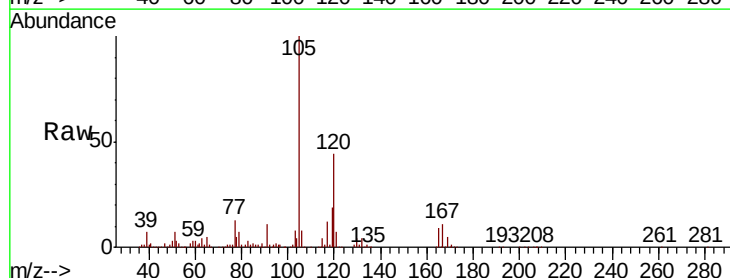
Acq: 20 Jul 2020 15:03

Tgt Ion:105 Resp: 318707

Ion Ratio Lower Upper

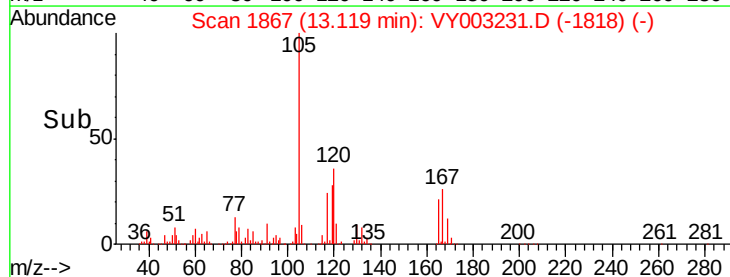
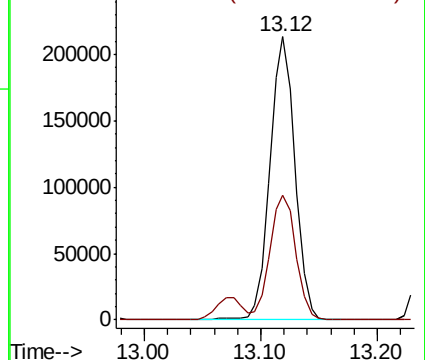
105 100

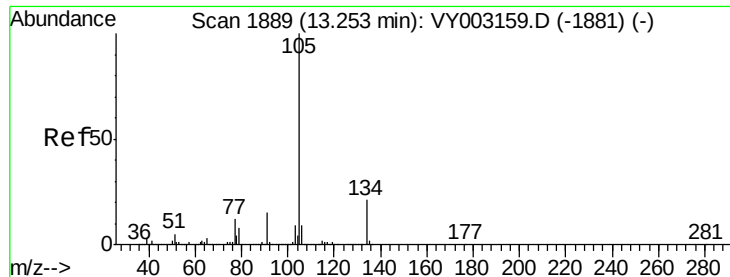
120 45.8 22.5 67.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 20.745 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY003231.D

Acq: 20 Jul 2020 15:03

Instrument :

MSVOA_Y

ClientSampleId :

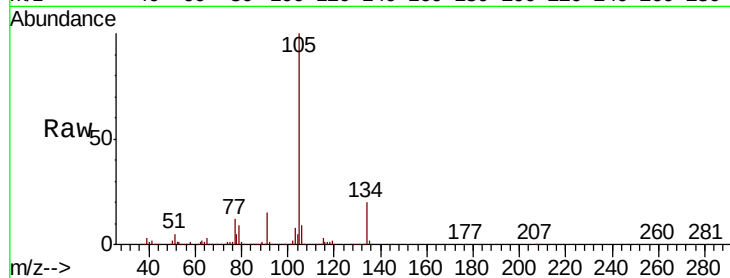
VY0720SBS01

Tot Ion:105 Resp: 388971

Ion Ratio Lower Upper

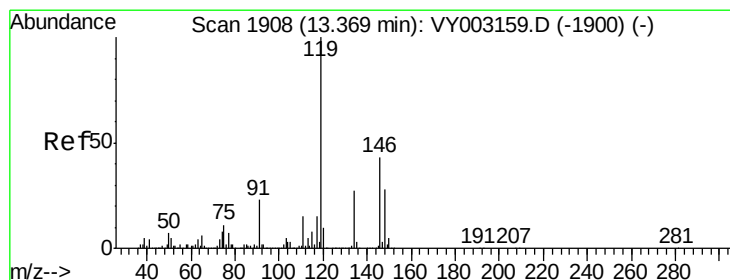
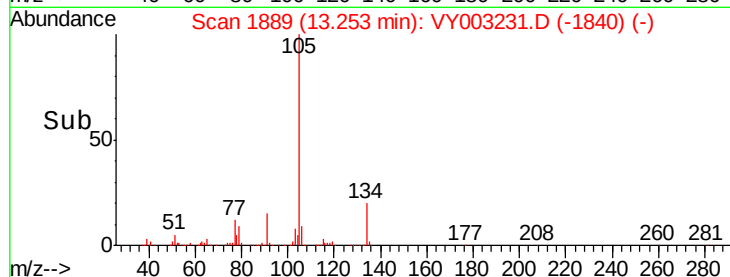
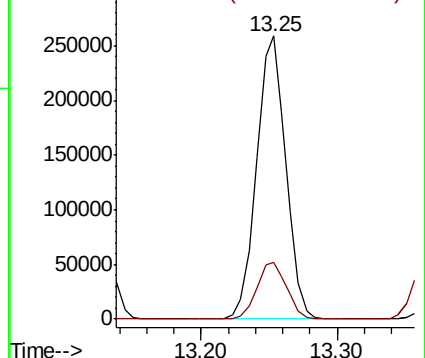
105 100

134 20.5 10.4 31.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.151 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY003231.D

Acq: 20 Jul 2020 15:03

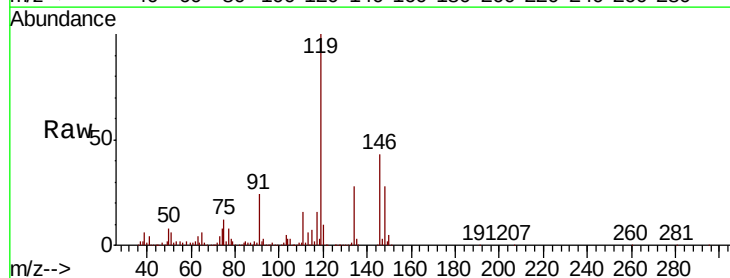
Tgt Ion:119 Resp: 352787

Ion Ratio Lower Upper

119 100

134 27.4 13.4 40.2

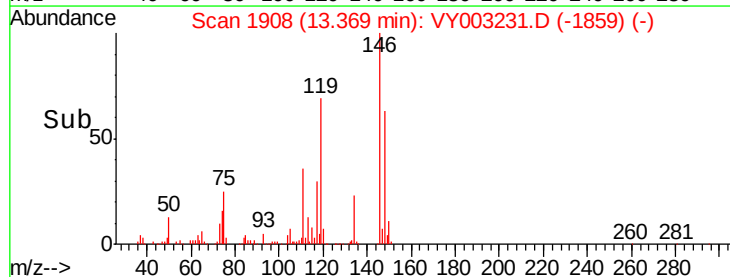
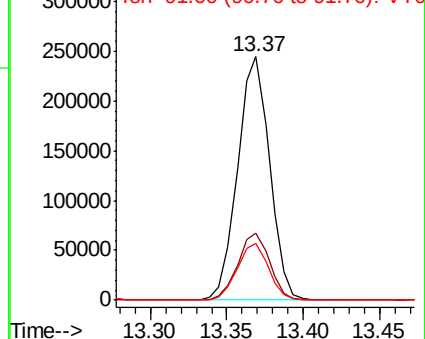
91 23.2 11.2 33.6

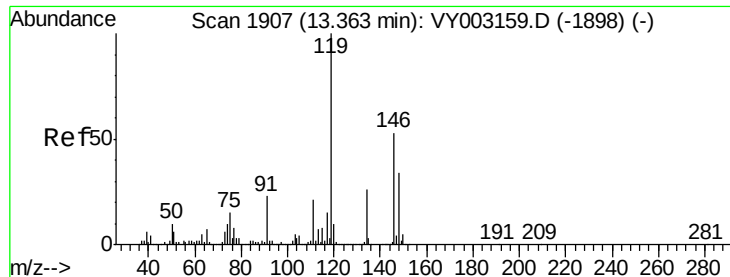


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

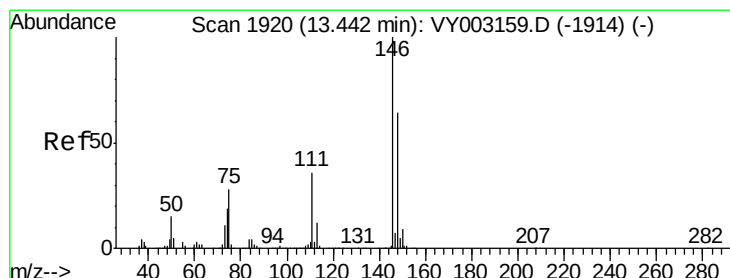
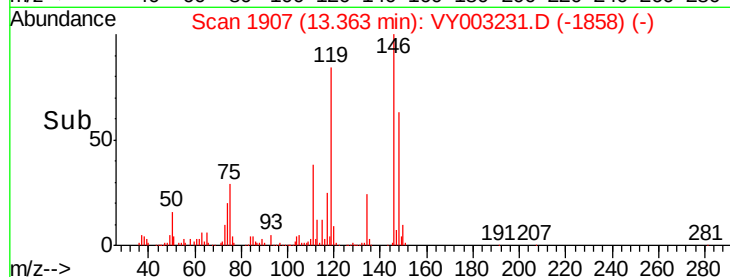
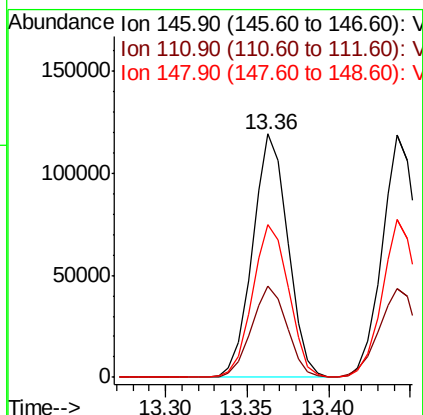
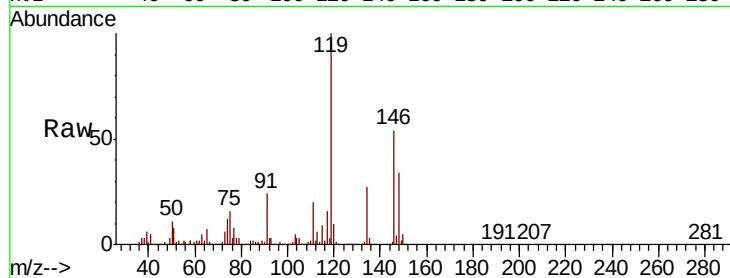




#87
 1,3-Dichlorobenzene
 Concen: 20.066 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VY003231.D
 Acq: 20 Jul 2020 15:03

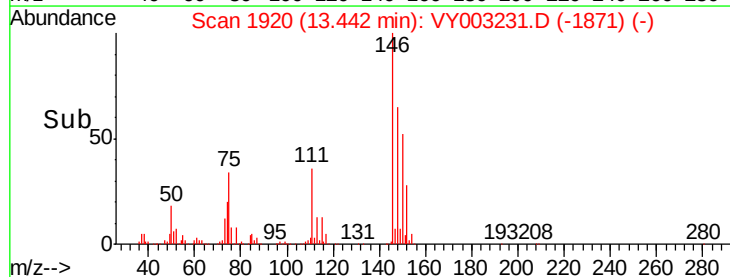
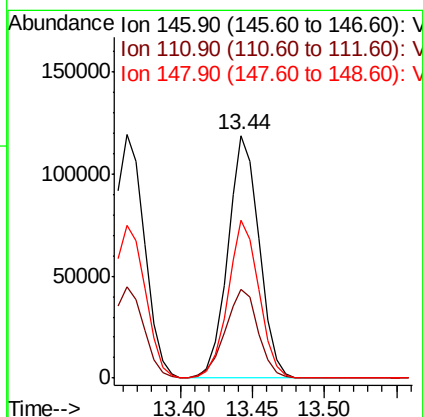
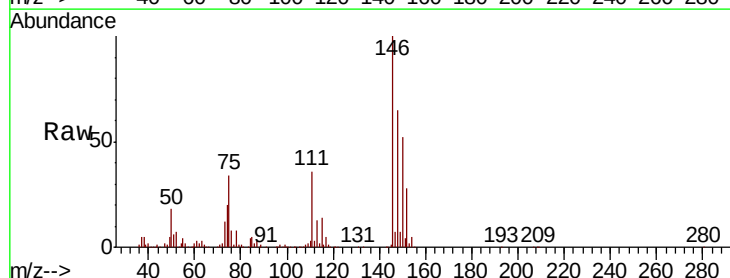
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0720SBS01

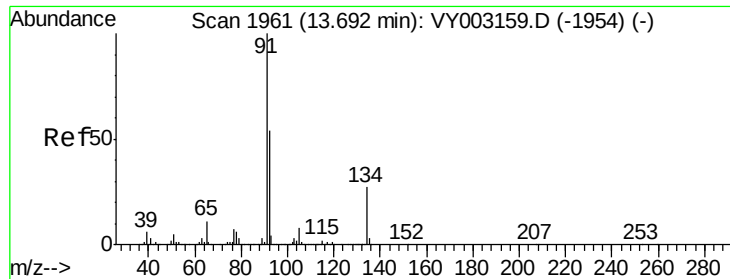
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.0	18.8	56.3
148	64.6	32.3	96.9



#88
 1,4-Dichlorobenzene
 Concen: 20.349 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. -0.00 min
 Lab File: VY003231.D
 Acq: 20 Jul 2020 15:03

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.7	18.4	55.0
148	64.5	32.0	96.0

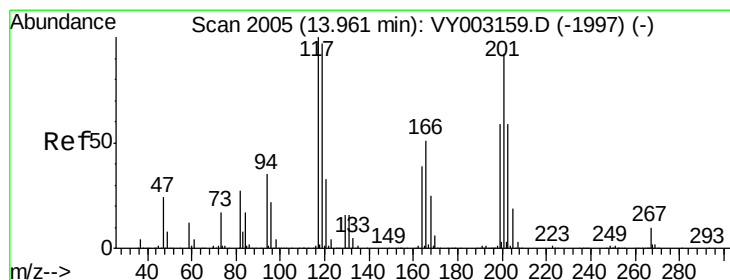
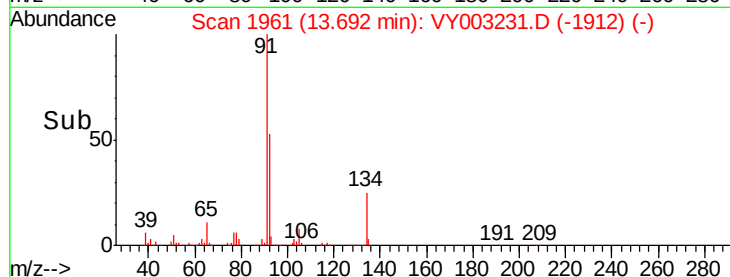
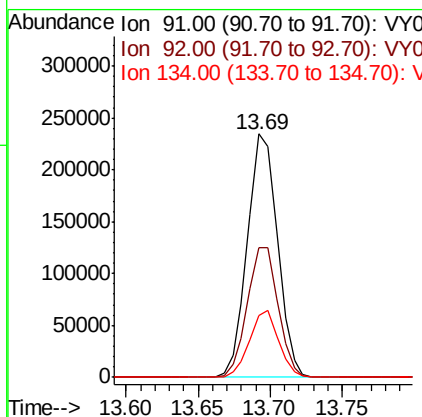
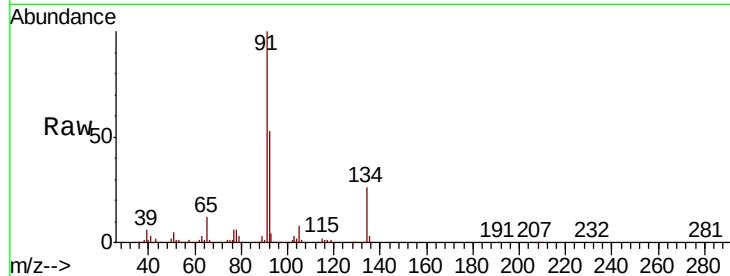




#89
n-Butylbenzene
Concen: 20.665 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. -0.00 min
Lab File: VY003231.D
Acq: 20 Jul 2020 15:03

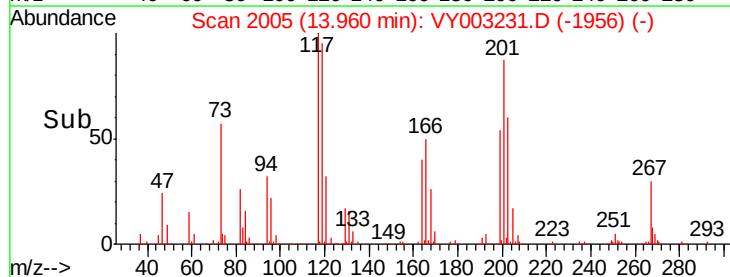
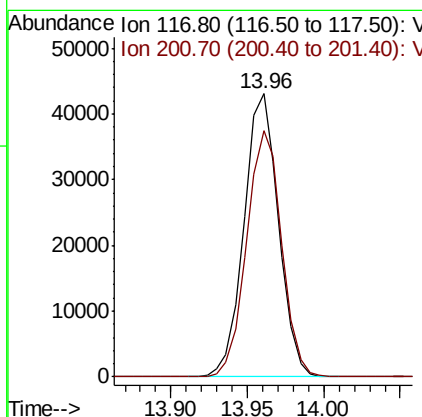
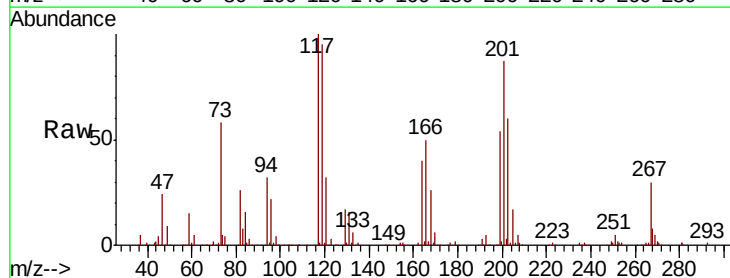
Instrument :
MSVOA_Y
ClientSampleId :
VY0720SBS01

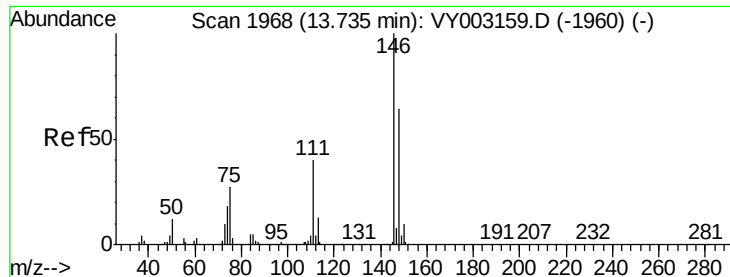
Tot Ion	Ratio	Lower	Upper
91	100		
92	54.4	26.9	80.7
134	26.4	13.6	40.7



#90
Hexachloroethane
Concen: 21.151 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.00 min
Lab File: VY003231.D
Acq: 20 Jul 2020 15:03

Tgt Ion	Ratio	Lower	Upper
117	100		
201	88.0	45.1	135.3





#91

1,2-Dichlorobenzene

Concen: 20.514 ug/l

RT: 13.73 min Scan# 1968

Delta R.T. -0.00 min

Lab File: VY003231.D

Acq: 20 Jul 2020 15:03

Instrument :

MSVOA_Y

ClientSampleId :

VY0720SBS01

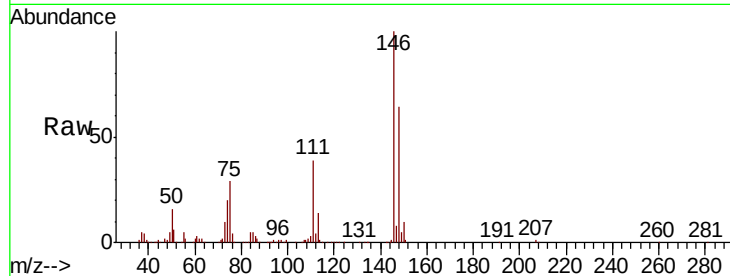
Tot Ion:146 Resp: 160974

Ion Ratio Lower Upper

146 100

111 38.8 19.6 58.8

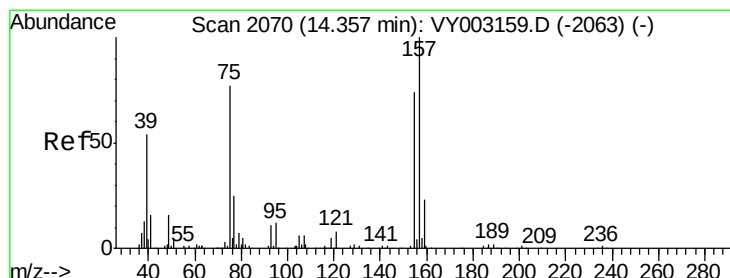
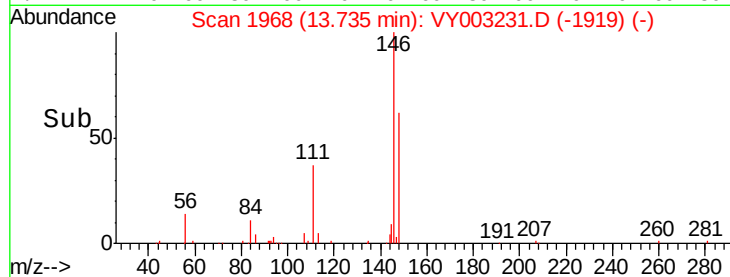
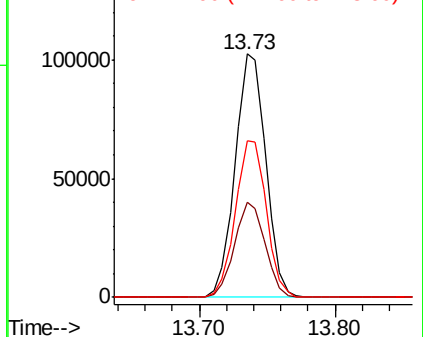
148 64.5 32.4 97.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 22.495 ug/l

RT: 14.36 min Scan# 2070

Delta R.T. -0.00 min

Lab File: VY003231.D

Acq: 20 Jul 2020 15:03

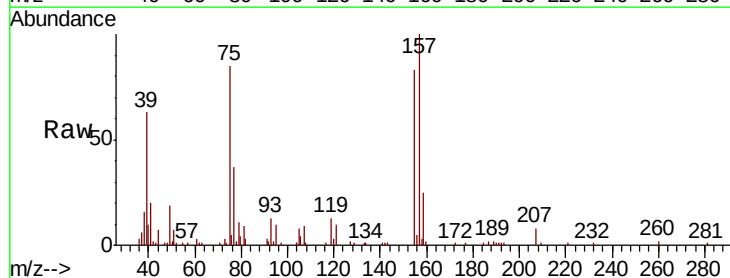
Tgt Ion: 75 Resp: 13066

Ion Ratio Lower Upper

75 100

155 91.5 48.1 144.3

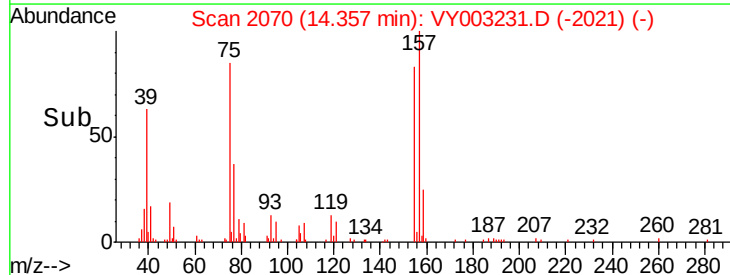
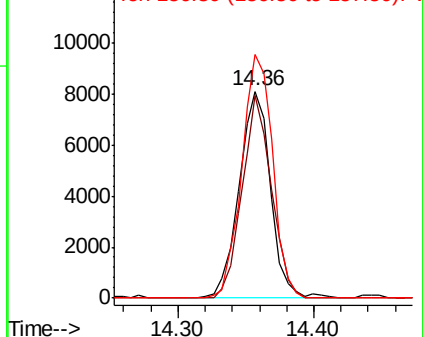
157 116.0 61.9 185.6

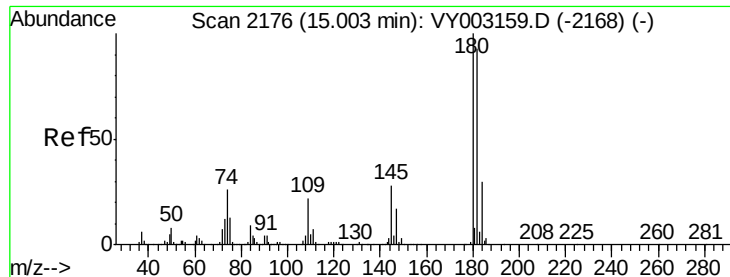


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

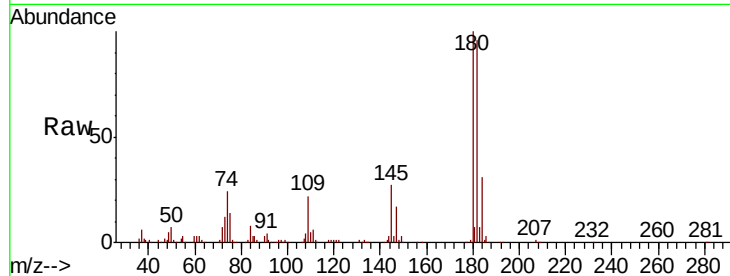




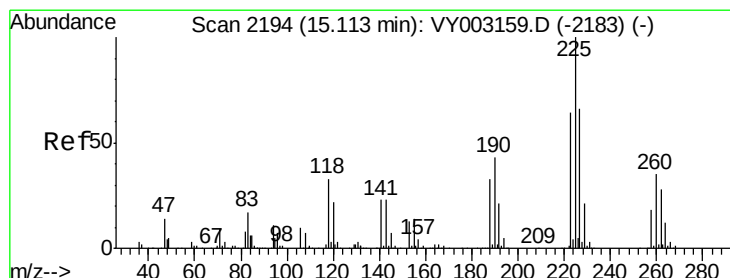
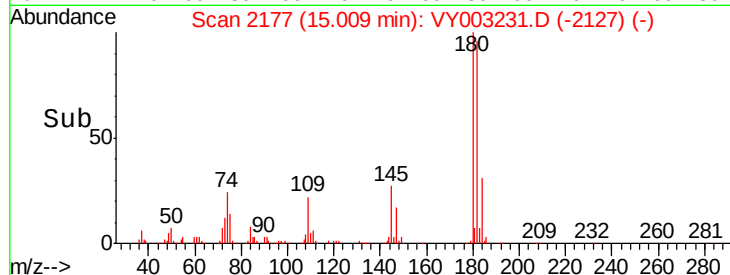
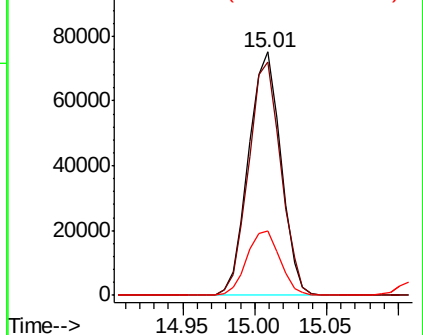
#93
 1,2,4-Trichlorobenzene
 Concen: 20.885 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.01 min
 Lab File: VY003231.D
 Acq: 20 Jul 2020 15:03

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0720SBS01

Tot Ion:180 Resp: 116590
 Ion Ratio Lower Upper
 180 100
 182 95.7 47.3 142.0
 145 27.3 13.7 41.1

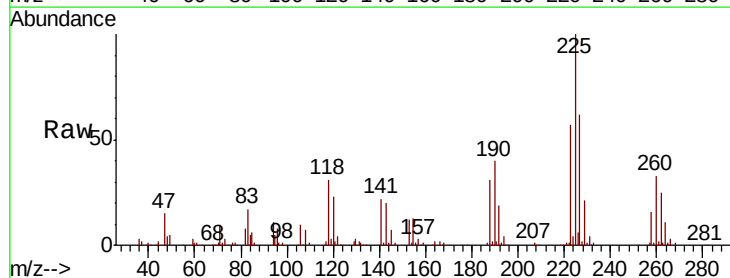


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

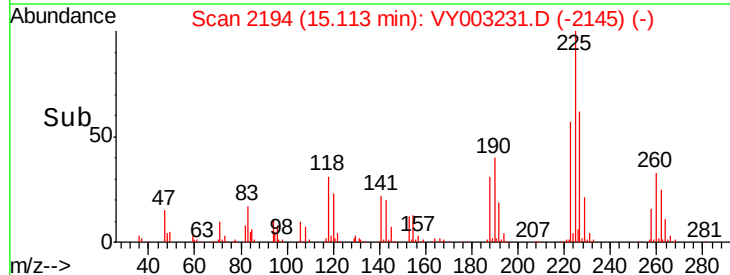
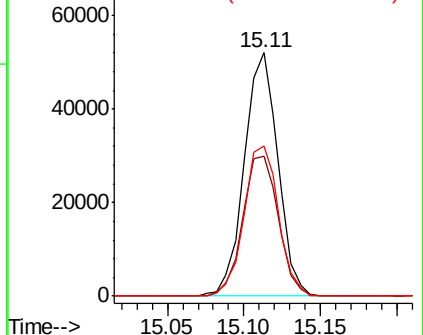


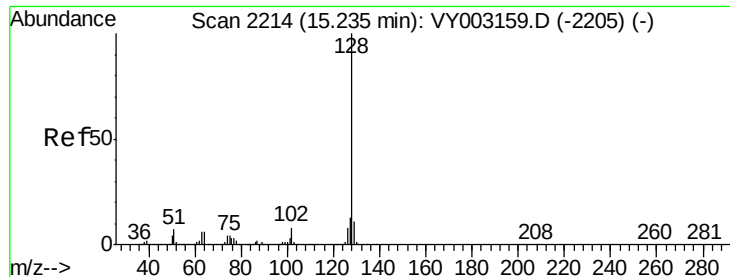
#94
 Hexachlorobutadiene
 Concen: 20.751 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. -0.00 min
 Lab File: VY003231.D
 Acq: 20 Jul 2020 15:03

Tgt Ion:225 Resp: 79377
 Ion Ratio Lower Upper
 225 100
 223 61.1 31.6 94.7
 227 63.3 32.3 96.8



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

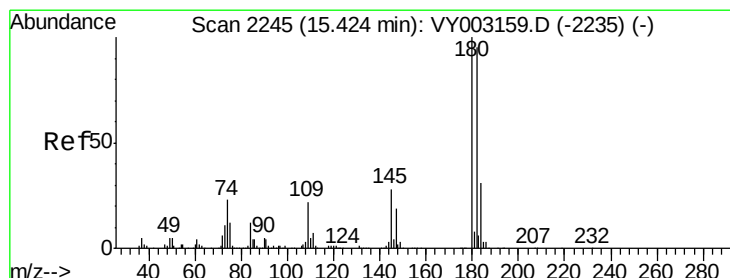
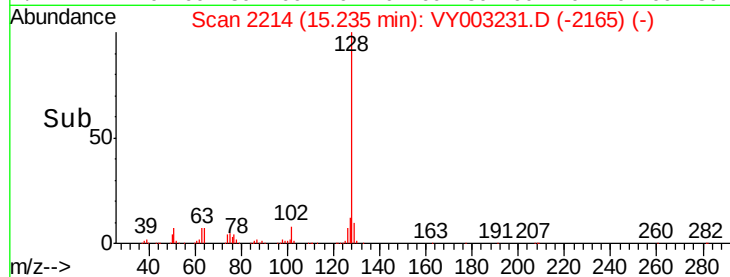
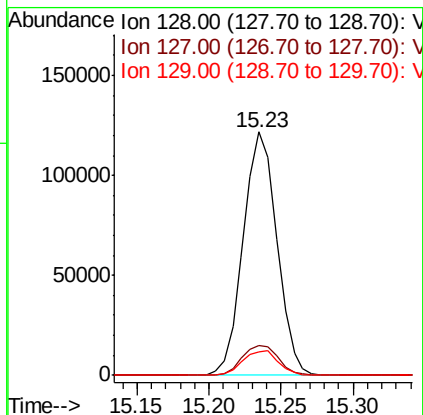
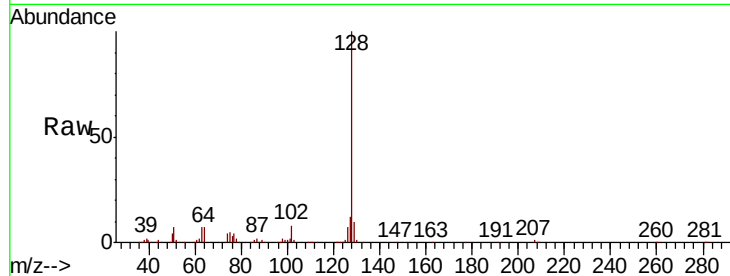




#95
Naphthalene
Concen: 21.367 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VY003231.D
Acq: 20 Jul 2020 15:03

Instrument :
MSVOA_Y
ClientSampleId :
VY0720SBS01

Tot Ion:128 Resp: 197124
Ion Ratio Lower Upper
128 100
127 13.3 10.9 16.3
129 10.7 9.0 13.6



#96
1,2,3-Trichlorobenzene
Concen: 21.253 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. -0.00 min
Lab File: VY003231.D
Acq: 20 Jul 2020 15:03

Tgt Ion:180 Resp: 93785
Ion Ratio Lower Upper
180 100
182 94.5 48.8 146.3
145 29.4 14.9 44.5

