

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY072020\
 Data File : VY003230.D
 Acq On : 20 Jul 2020 14:40
 Operator : SY/MD
 Sample : VY0720SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0720SBS01

Quant Time: Jul 21 03:16:44 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	7.79	168	410541	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	603740	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	556633	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	299069	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	179905	51.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.84%	
35) Dibromofluoromethane	7.72	113	163713	47.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.24%	
50) Toluene-d8	10.18	98	607166	47.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.00%	
62) 4-Bromofluorobenzene	12.48	95	223314	47.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.72%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	65848	22.378	ug/l	99
3) Chloromethane	2.12	50	94332	23.112	ug/l	99
4) Vinyl Chloride	2.26	62	91144	21.765	ug/l	97
5) Bromomethane	2.65	94	67404	21.670	ug/l	97
6) Chloroethane	2.79	64	56142	20.412	ug/l	94
7) Trichlorofluoromethane	3.13	101	126469	21.147	ug/l	95
8) Diethyl Ether	3.54	74	43346	21.630	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	3.91	101	72343	20.029	ug/l	97
10) Methyl Iodide	4.10	142	65056	16.579	ug/l	98
11) Tert butyl alcohol	4.97	59	41655	111.172	ug/l #	87
12) 1,1-Dichloroethene	3.88	96	71318	20.876	ug/l	94
13) Acrolein	3.74	56	30660	94.275	ug/l	98
14) Allyl chloride	4.48	41	121415	23.952	ug/l	95
15) Acrylonitrile	5.17	53	110248	114.527	ug/l	97
16) Acetone	3.95	43	91720	118.501	ug/l	98
17) Carbon Disulfide	4.20	76	218450	20.839	ug/l	100
18) Methyl Acetate	4.49	43	51364	23.896	ug/l	94
19) Methyl tert-butyl Ether	5.22	73	204965	21.409	ug/l	96
20) Methylene Chloride	4.72	84	94251	21.017	ug/l	93
21) trans-1,2-Dichloroethene	5.22	96	77136	19.963	ug/l	91
22) Diisopropyl ether	6.12	45	263686	23.438	ug/l	96
23) Vinyl Acetate	6.07	43	870003	116.022	ug/l	98
24) 1,1-Dichloroethane	6.02	63	141896	21.770	ug/l	98
25) 2-Butanone	6.99	43	149318	117.496	ug/l	98
26) 2,2-Dichloropropane	6.99	77	124600	21.227	ug/l	100
27) cis-1,2-Dichloroethene	6.99	96	86736	20.388	ug/l	95
28) Bromochloromethane	7.34	49	70881	25.118	ug/l	89
29) Tetrahydrofuran	7.35	42	101802	119.244	ug/l	94
30) Chloroform	7.52	83	141049	21.011	ug/l	99
31) Cyclohexane	7.78	56	134203	21.293	ug/l	95
32) 1,1,1-Trichloroethane	7.71	97	127552	21.106	ug/l	98
36) 1,1-Dichloropropene	7.92	75	111241	20.330	ug/l	99
37) Ethyl Acetate	7.08	43	70382	23.884	ug/l	95
38) Carbon Tetrachloride	7.90	117	113379	20.071	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	137130	19.949	ug/l	97
40) Benzene	8.16	78	307989	20.442	ug/l	97
41) Methacrylonitrile	7.35	41	94584	53.294	ug/l #	44
42) 1,2-Dichloroethane	8.24	62	97637	21.049	ug/l	99
43) Isopropyl Acetate	8.28	43	127382	22.333	ug/l	98
44) Trichloroethene	8.94	130	88383	19.136	ug/l	99
45) 1,2-Dichloropropane	9.22	63	82573	21.180	ug/l	97
46) Dibromomethane	9.31	93	46215	20.296	ug/l	98
47) Bromodichloromethane	9.50	83	113823	21.018	ug/l	99
48) Methyl methacrylate	9.29	41	56446	22.136	ug/l	95
49) 1,4-Dioxane	9.30	88	11222	388.316	ug/l #	84
51) 4-Methyl-2-Pentanone	10.07	43	340945	115.002	ug/l	96
52) Toluene	10.24	92	191625	19.898	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	117306	20.907	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	134547	20.812	ug/l	98
55) 1,1,2-Trichloroethane	10.64	97	64428	19.968	ug/l	97
56) Ethyl methacrylate	10.51	69	92489	21.084	ug/l	97
57) 1,3-Dichloropropane	10.79	76	112864	20.630	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	255552	114.227	ug/l	96
59) 2-Hexanone	10.83	43	235741	113.908	ug/l	97
60) Dibromochloromethane	10.99	129	81720	20.136	ug/l	98
61) 1,2-Dibromoethane	11.09	107	63812	20.038	ug/l	99
64) Tetrachloroethene	10.72	164	87675	17.665	ug/l	96
65) Chlorobenzene	11.52	112	213346	19.896	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.59	131	81392	19.543	ug/l	99
67) Ethyl Benzene	11.60	91	380929	19.896	ug/l	97
68) m/p-Xylenes	11.70	106	286433	39.428	ug/l	99
69) o-Xylene	12.03	106	133774	19.711	ug/l	97
70) Styrene	12.05	104	228583	19.689	ug/l	98
71) Bromoform	12.20	173	53098	19.425	ug/l #	99
73) Isopropylbenzene	12.33	105	372173	19.528	ug/l	99
74) N-amyl acetate	12.14	43	118147	22.093	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.58	83	78317	21.277	ug/l	98
76) 1,2,3-Trichloropropane	12.63	75	106119	40.086	ug/l #	100
77) Bromobenzene	12.61	156	94423	19.436	ug/l	96
78) n-propylbenzene	12.67	91	446967	19.896	ug/l	99
79) 2-Chlorotoluene	12.75	91	250005	19.946	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	309514	19.485	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	28217	20.744	ug/l #	80
82) 4-Chlorotoluene	12.85	91	265909	20.325	ug/l	98
83) tert-Butylbenzene	13.08	119	271013	19.336	ug/l	98
84) 1,2,4-Trimethylbenzene	13.12	105	311645	19.499	ug/l	99
85) sec-Butylbenzene	13.25	105	382556	19.858	ug/l	99
86) p-Isopropyltoluene	13.37	119	349082	19.407	ug/l	99
87) 1,3-Dichlorobenzene	13.37	146	178400	19.419	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	178186	19.590	ug/l	99
89) n-Butylbenzene	13.70	91	339538	20.068	ug/l	100
90) Hexachloroethane	13.96	117	65766	20.077	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	158602	19.672	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	11542	19.341	ug/l	95

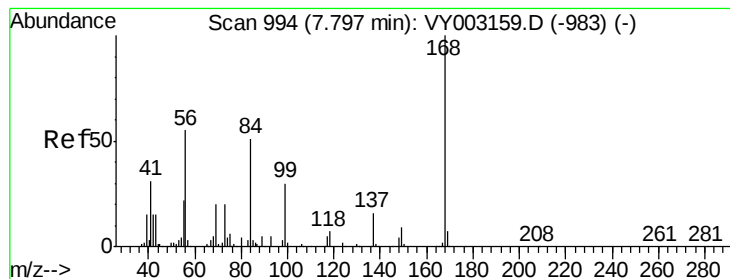
Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY072020\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	115135	20.074	ug/l	100
94) Hexachlorobutadiene	15.11	225	79510	20.231	ug/l	97
95) Naphthalene	15.24	128	192889	20.350	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	89367	19.711	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.01 min

Lab File: VY003230.D

Acq: 20 Jul 2020 14:40

Instrument :

MSVOA_Y

ClientSampleId :

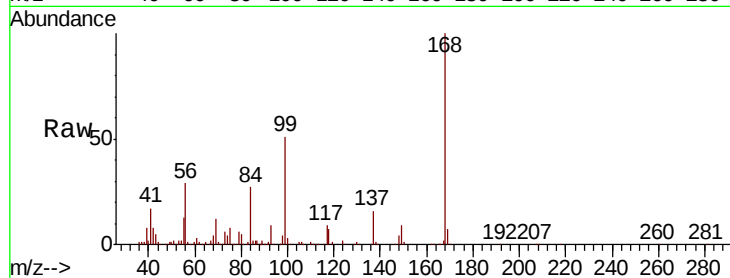
VY0720SBS01

Tot Ion:168 Resp: 410541

Ion Ratio Lower Upper

168 100

99 50.9 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): VY003230.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY003230.D (-945) (-)

7.79

150000

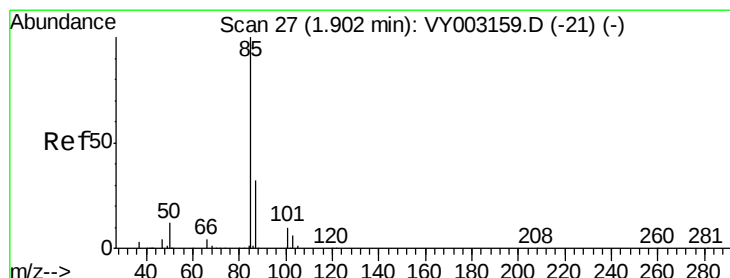
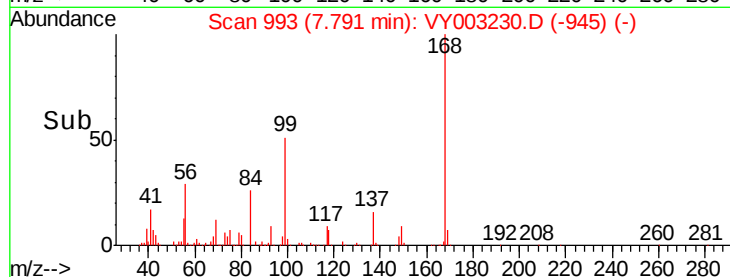
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 22.378 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.01 min

Lab File: VY003230.D

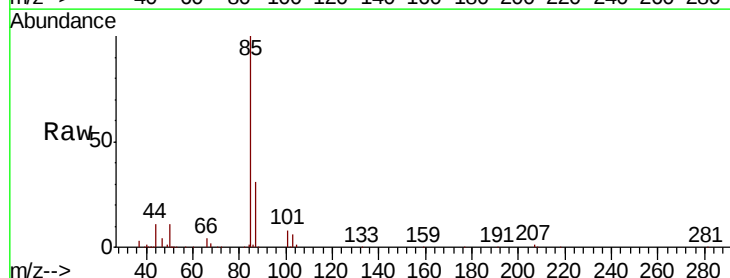
Acq: 20 Jul 2020 14:40

Tgt Ion: 85 Resp: 65848

Ion Ratio Lower Upper

85 100

87 31.3 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VY003230.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY003230.D (-1) (-)

1.91

50000

40000

30000

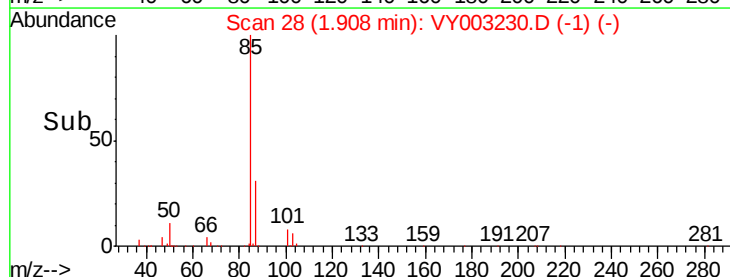
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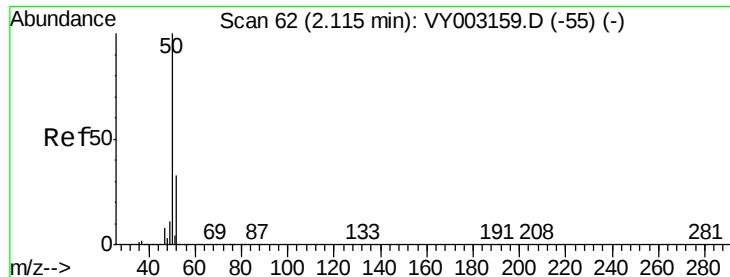
10000

0

1.80 1.90 2.00

Time-->

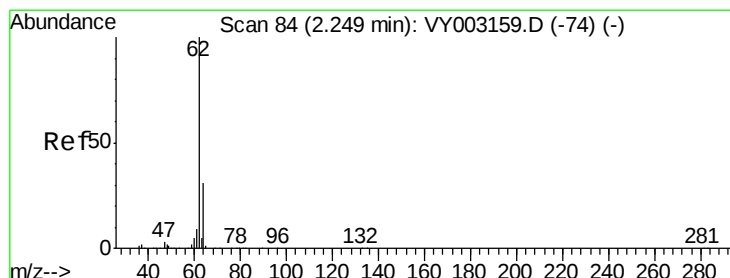
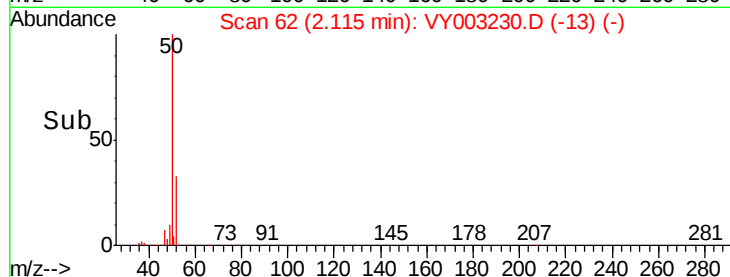
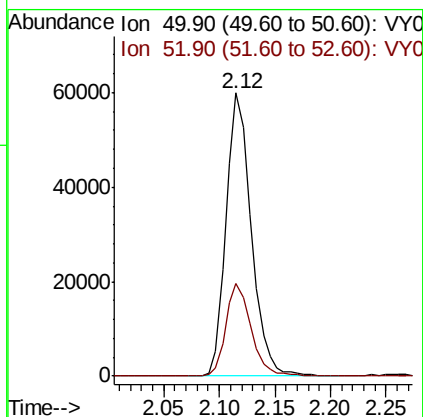
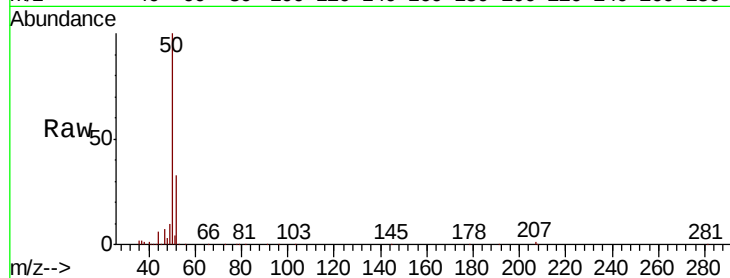




#3
Chloromethane
Concen: 23.112 ug/l
RT: 2.12 min Scan# 62
Delta R.T. 0.00 min
Lab File: VY003230.D
Acq: 20 Jul 2020 14:40

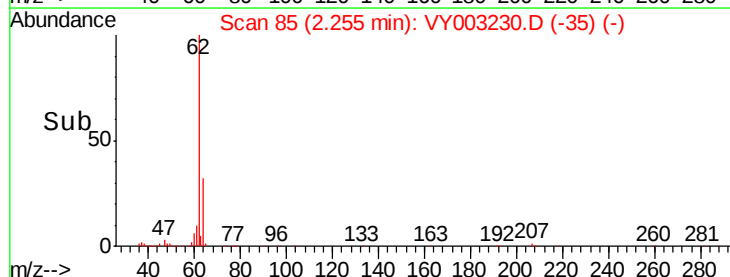
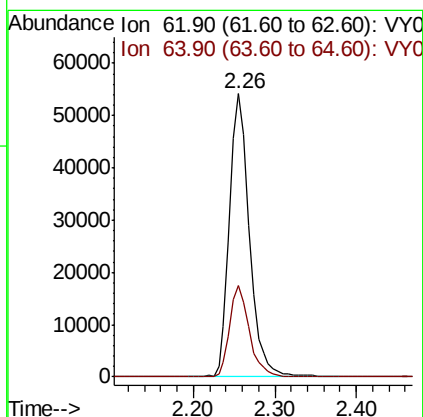
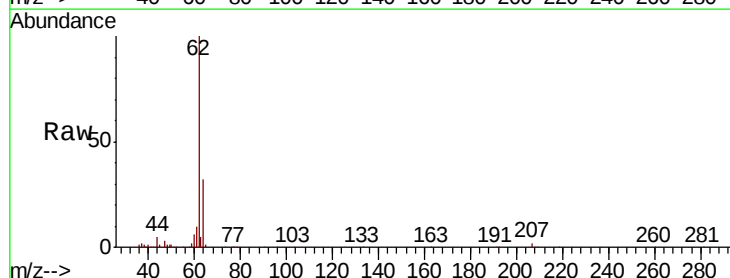
Instrument :
MSVOA_Y
ClientSampleId :
VY0720SBS01

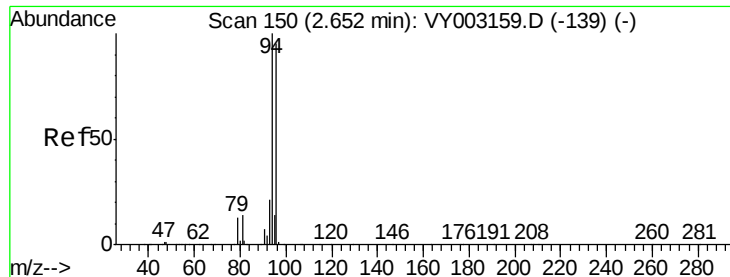
Tot Ion: 50 Resp: 94332
Ion Ratio Lower Upper
50 100
52 32.6 26.6 39.8



#4
Vinyl Chloride
Concen: 21.765 ug/l
RT: 2.26 min Scan# 85
Delta R.T. 0.01 min
Lab File: VY003230.D
Acq: 20 Jul 2020 14:40

Tgt Ion: 62 Resp: 91144
Ion Ratio Lower Upper
62 100
64 32.4 24.6 37.0





#5

Bromomethane

Concen: 21.670 ug/l

RT: 2.65 min Scan# 149

Delta R.T. -0.01 min

Lab File: VY003230.D

Acq: 20 Jul 2020 14:40

Instrument :

MSVOA_Y

ClientSampleId :

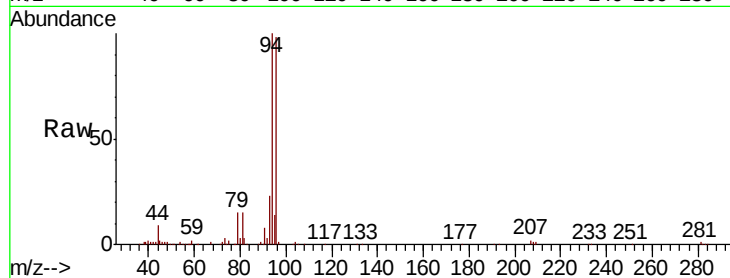
VY0720SBS01

Tot Ion: 94 Resp: 67404

Ion Ratio Lower Upper

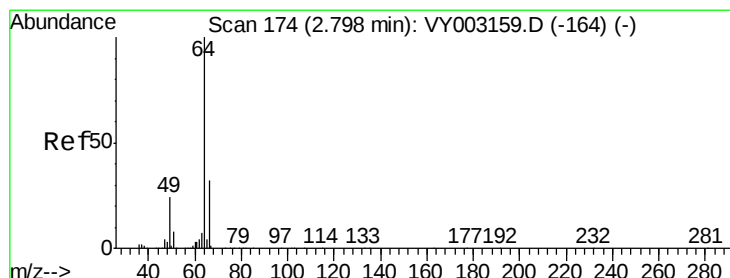
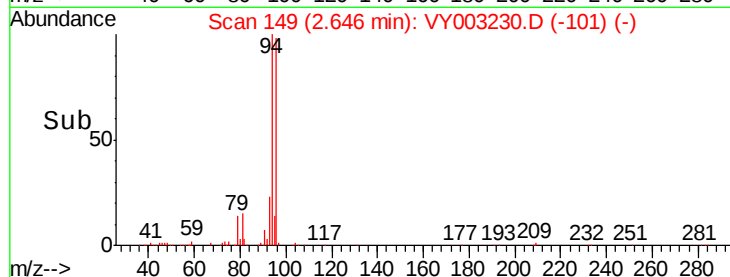
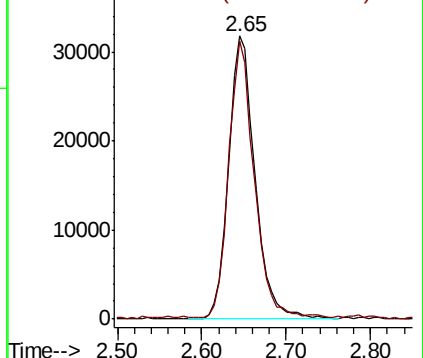
94 100

96 97.9 76.0 114.0



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 20.412 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.01 min

Lab File: VY003230.D

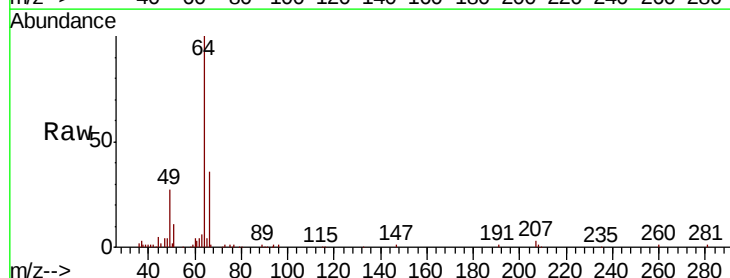
Acq: 20 Jul 2020 14:40

Tgt Ion: 64 Resp: 56142

Ion Ratio Lower Upper

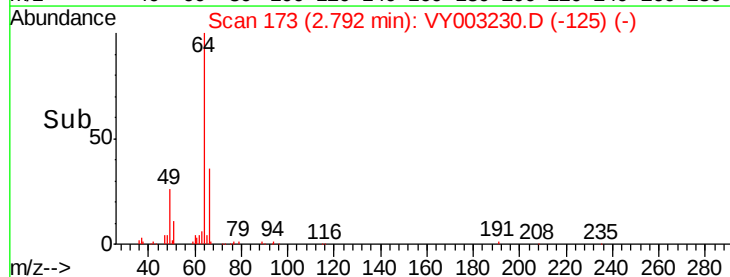
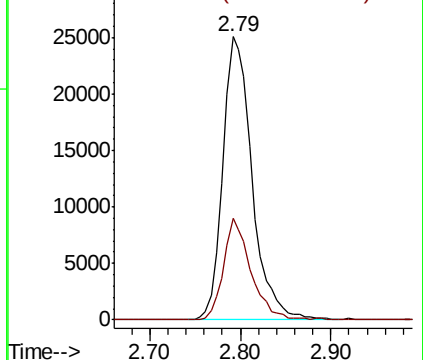
64 100

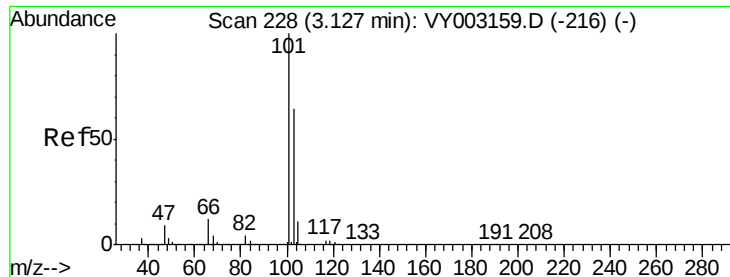
66 35.8 26.0 39.0



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



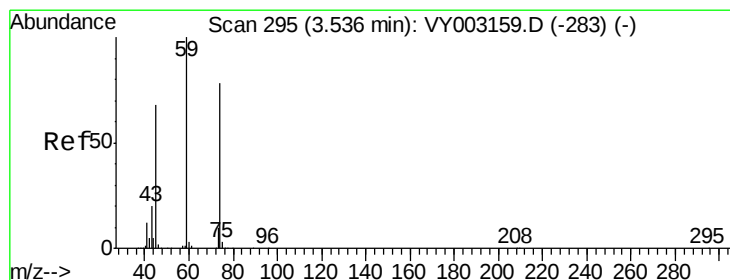
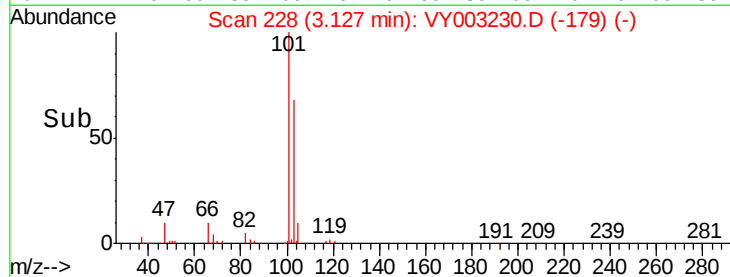
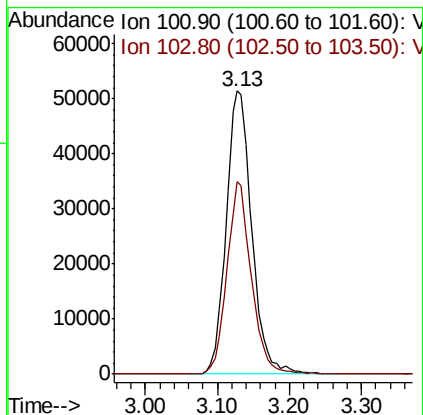
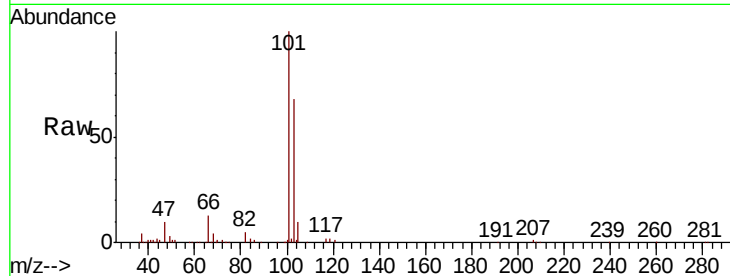


#7

Trichlorofluoromethane
 Concen: 21.147 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. 0.00 min
 Lab File: VY003230.D
 Acq: 20 Jul 2020 14:40

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0720SBS01

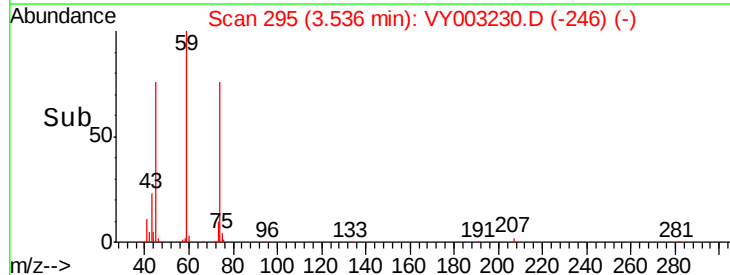
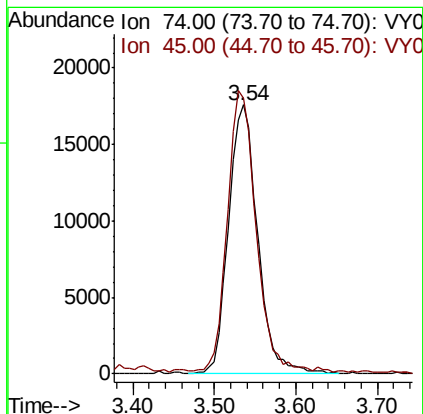
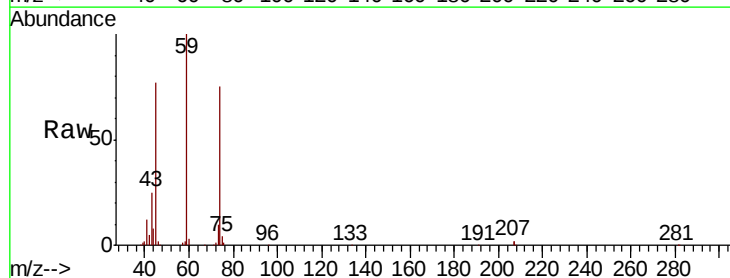
Tot Ion:101 Resp: 126469
 Ion Ratio Lower Upper
 101 100
 103 67.9 51.3 76.9

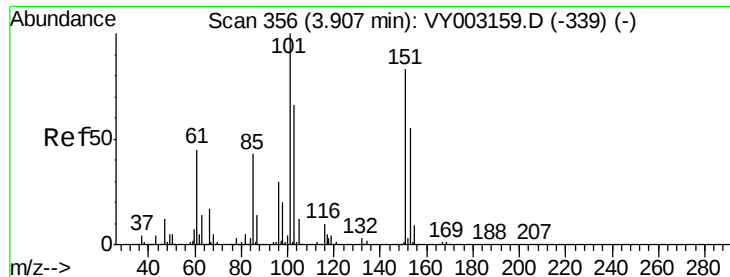


#8

Diethyl Ether
 Concen: 21.630 ug/l
 RT: 3.54 min Scan# 295
 Delta R.T. 0.00 min
 Lab File: VY003230.D
 Acq: 20 Jul 2020 14:40

Tgt Ion: 74 Resp: 43346
 Ion Ratio Lower Upper
 74 100
 45 100.8 45.3 135.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.029 ug/l

RT: 3.91 min Scan# 356

Delta R.T. 0.00 min

Lab File: VY003230.D

Acq: 20 Jul 2020 14:40

Instrument :

MSVOA_Y

ClientSampleId :

VY0720SBS01

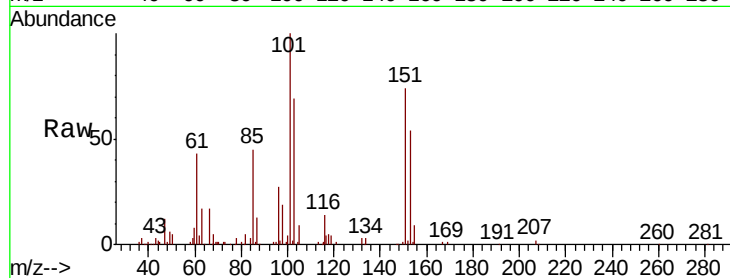
Tot Ion:101 Resp: 72343

Ion Ratio Lower Upper

101 100

85 45.4 34.9 52.3

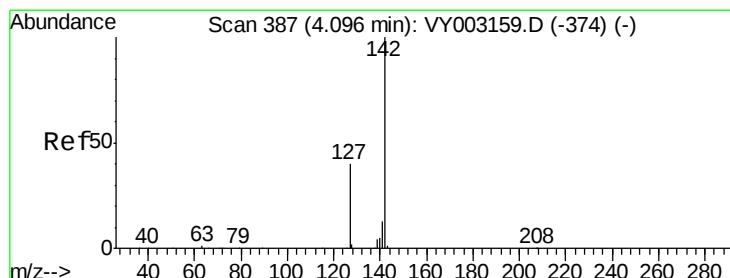
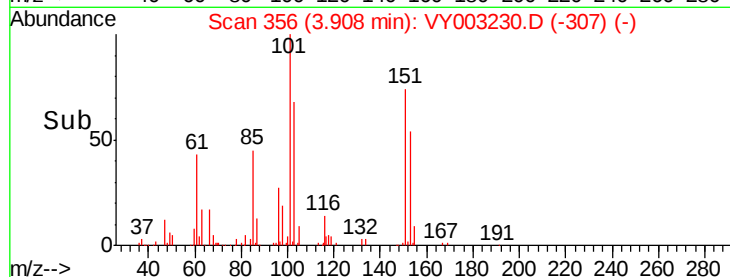
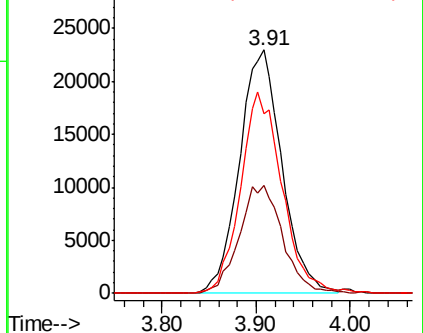
151 81.4 67.0 100.6



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: 16.579 ug/l

RT: 4.10 min Scan# 387

Delta R.T. 0.00 min

Lab File: VY003230.D

Acq: 20 Jul 2020 14:40

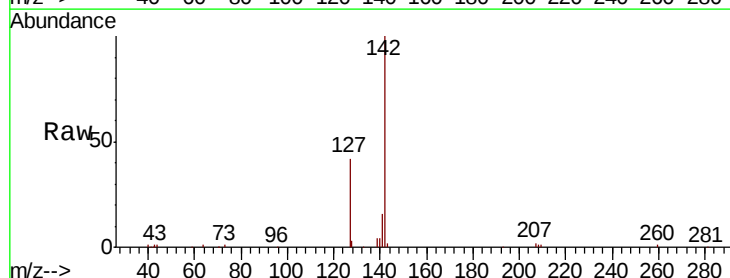
Tgt Ion:142 Resp: 65056

Ion Ratio Lower Upper

142 100

127 42.4 33.5 50.3

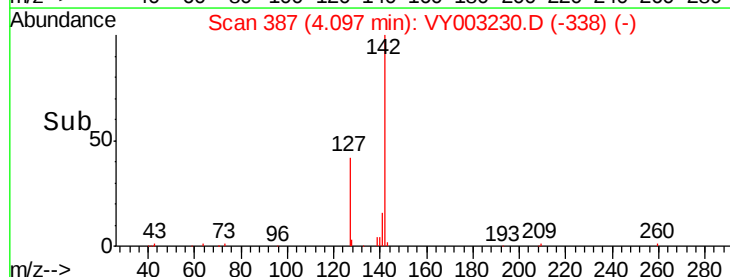
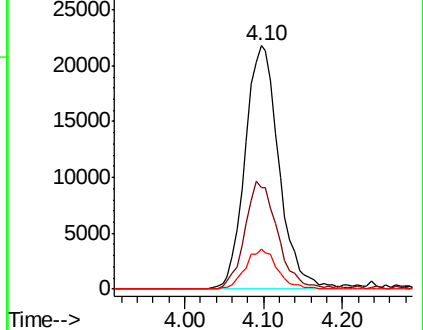
141 15.4 11.2 16.8

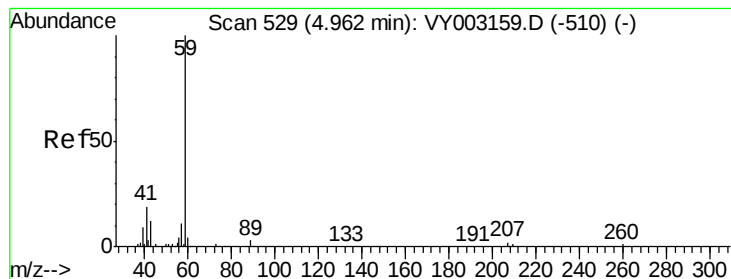


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



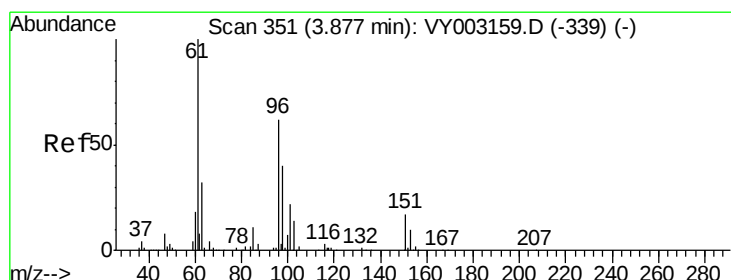
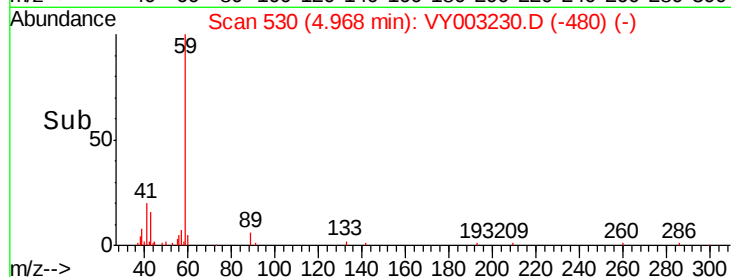
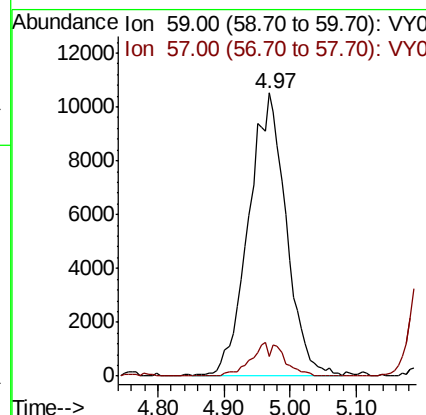
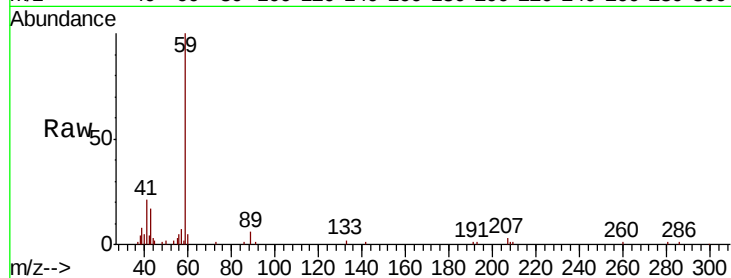


#11

Tert butyl alcohol
 Concen: 111.172 ug/l
 RT: 4.97 min Scan# 530
 Delta R.T. 0.01 min
 Lab File: VY003230.D
 Acq: 20 Jul 2020 14:40

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0720SBS01

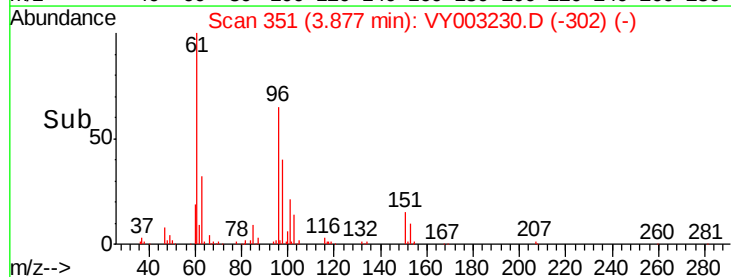
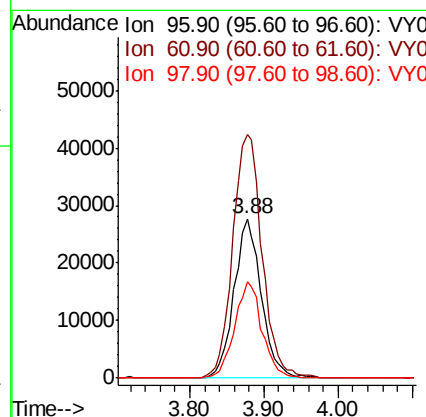
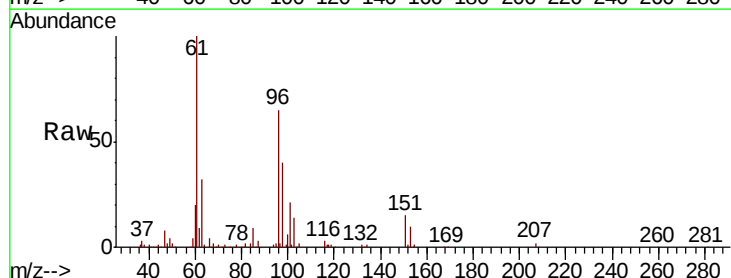
Tot Ion: 59 Resp: 41655
 Ion Ratio Lower Upper
 59 100
 57 5.8 8.4 12.6#

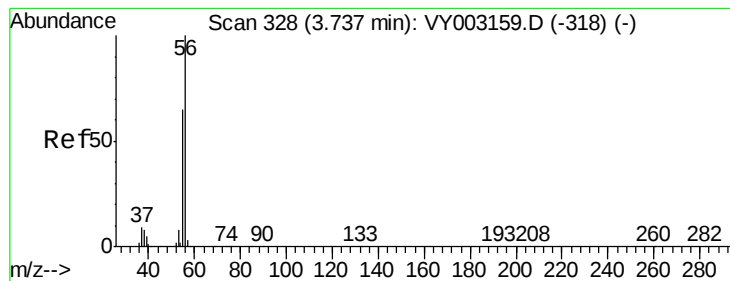


#12

1,1-Dichloroethene
 Concen: 20.876 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. 0.00 min
 Lab File: VY003230.D
 Acq: 20 Jul 2020 14:40

Tgt Ion: 96 Resp: 71318
 Ion Ratio Lower Upper
 96 100
 61 152.8 128.6 193.0
 98 60.7 51.6 77.4





#13

Acrolein

Concen: 94.275 ug/l

RT: 3.74 min Scan# 328

Delta R.T. 0.00 min

Lab File: VY003230.D

Acq: 20 Jul 2020 14:40

Instrument :

MSVOA_Y

ClientSampleId :

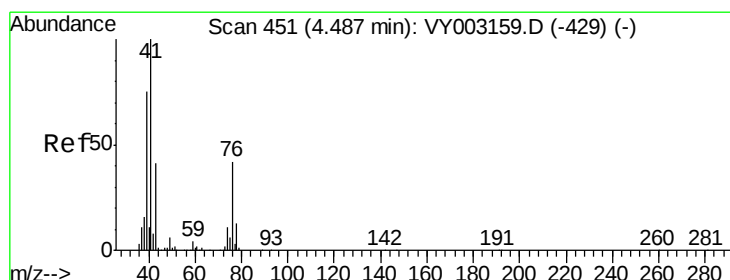
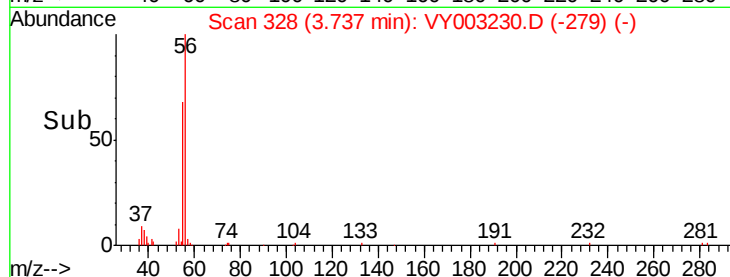
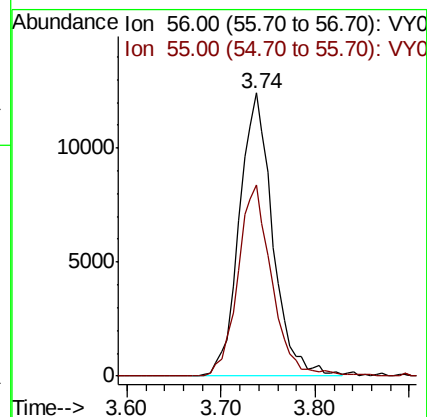
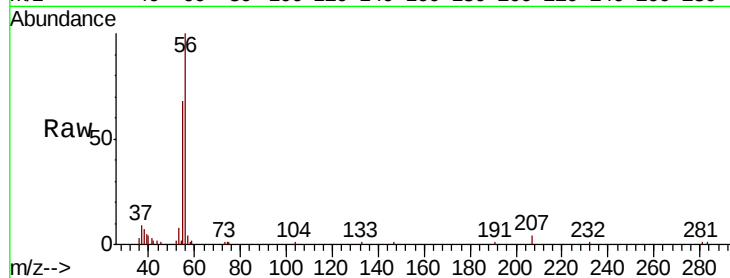
VY0720SBS01

Tot Ion: 56 Resp: 30660

Ion Ratio Lower Upper

56 100

55 68.4 56.0 84.0



#14

Allyl chloride

Concen: 23.952 ug/l

RT: 4.48 min Scan# 450

Delta R.T. -0.01 min

Lab File: VY003230.D

Acq: 20 Jul 2020 14:40

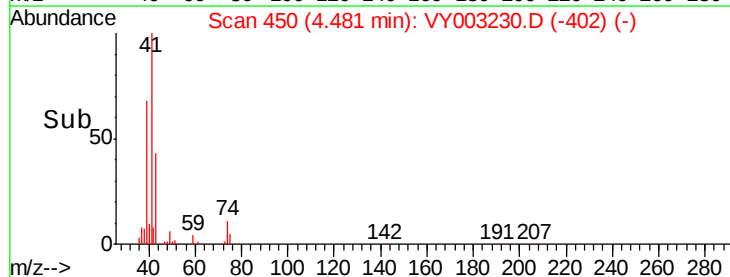
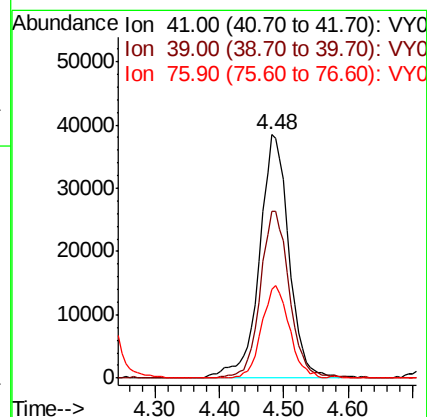
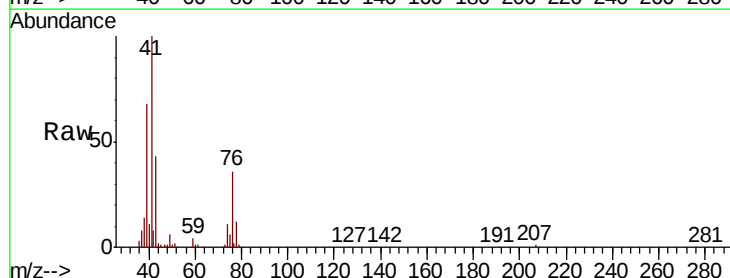
Tgt Ion: 41 Resp: 121415

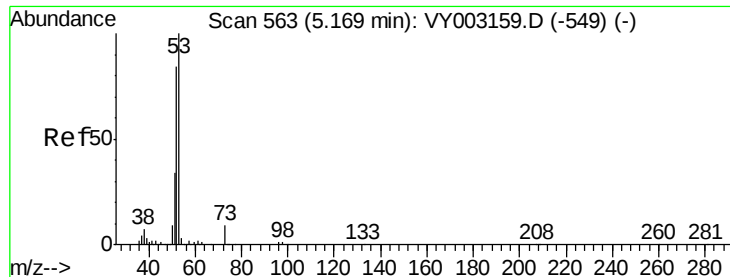
Ion Ratio Lower Upper

41 100

39 67.4 56.6 85.0

76 35.6 31.6 47.4





#15

Acrylonitrile

Concen: 114.527 ug/l

RT: 5.17 min Scan# 563

Delta R.T. 0.00 min

Lab File: VY003230.D

Acq: 20 Jul 2020 14:40

Instrument :

MSVOA_Y

ClientSampleId :

VY0720SBS01

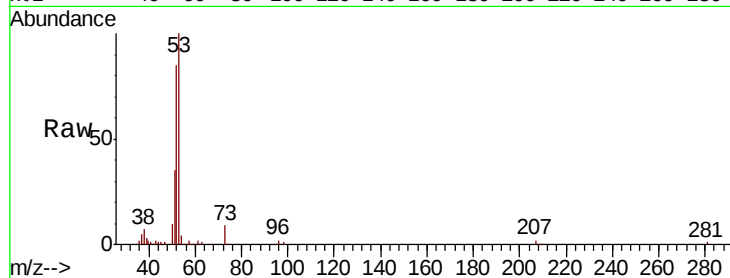
Tot Ion: 53 Resp: 110248

Ion Ratio Lower Upper

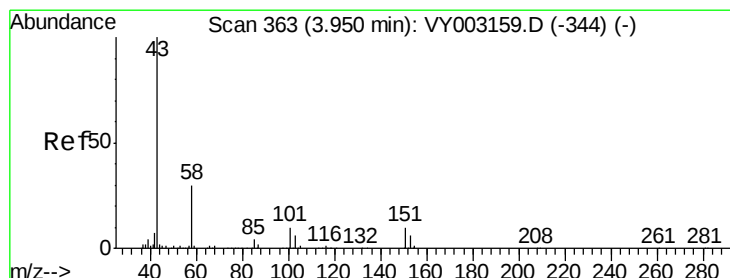
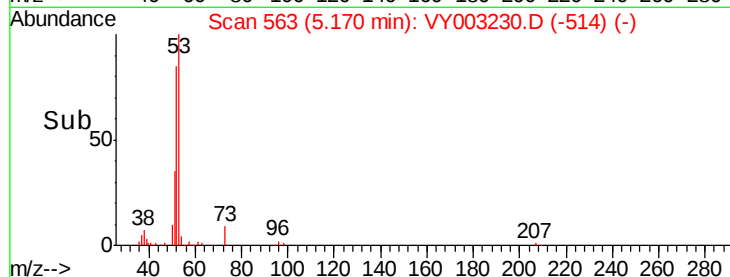
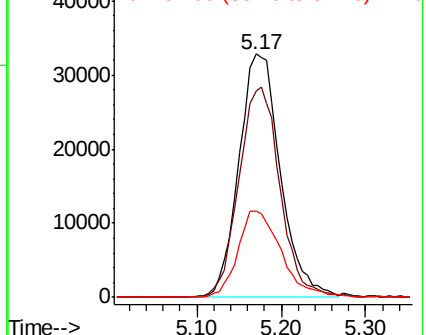
53 100

52 85.7 65.8 98.6

51 37.0 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: 118.501 ug/l

RT: 3.95 min Scan# 363

Delta R.T. 0.00 min

Lab File: VY003230.D

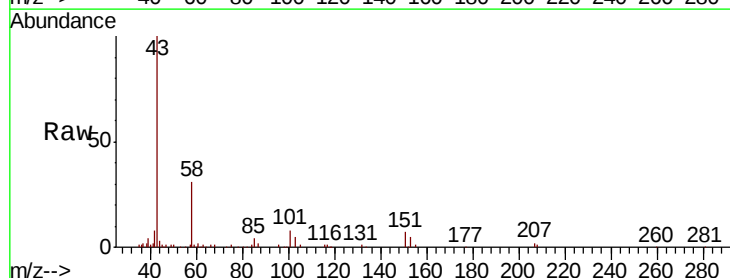
Acq: 20 Jul 2020 14:40

Tgt Ion: 43 Resp: 91720

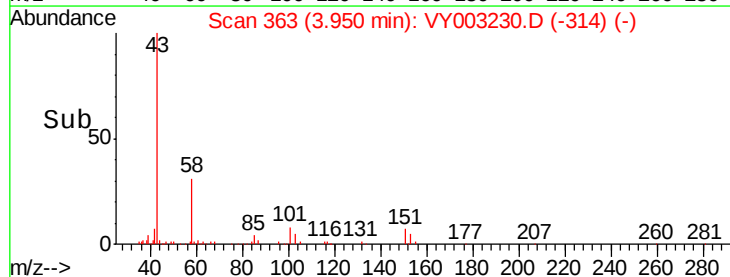
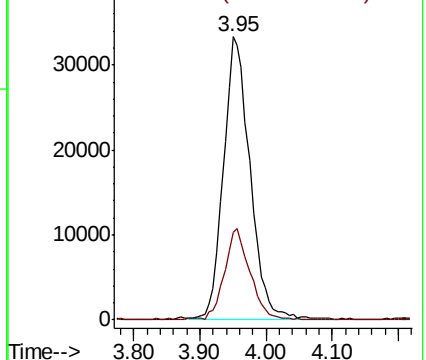
Ion Ratio Lower Upper

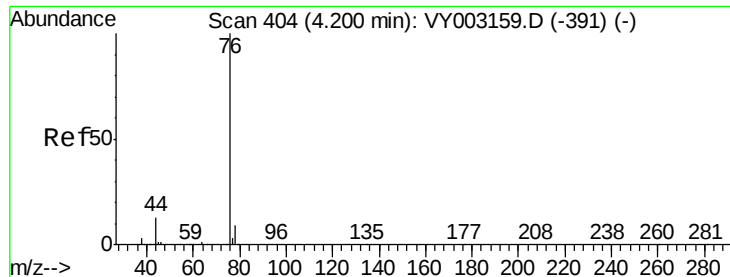
43 100

58 30.6 23.8 35.6



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

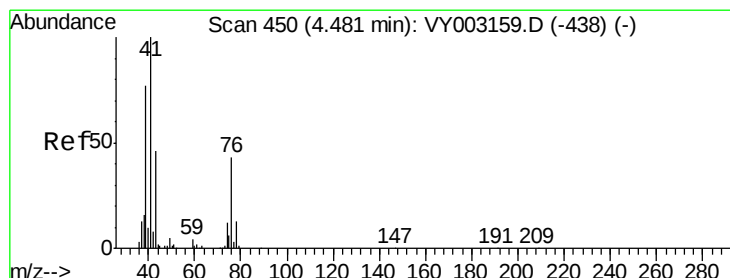
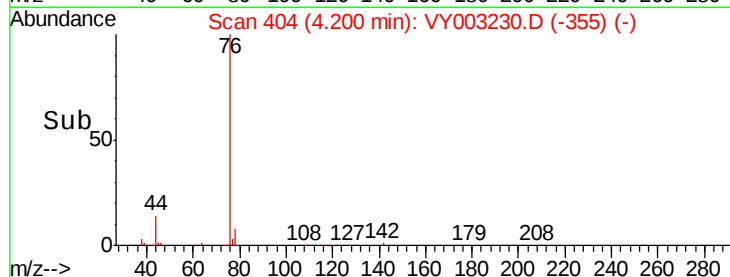
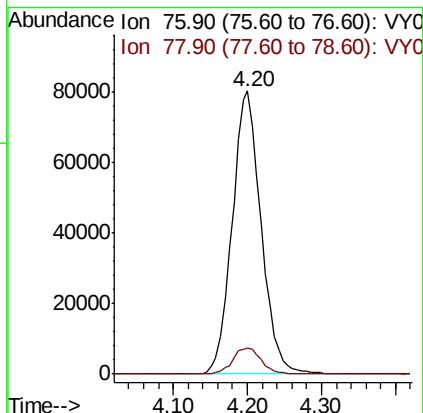
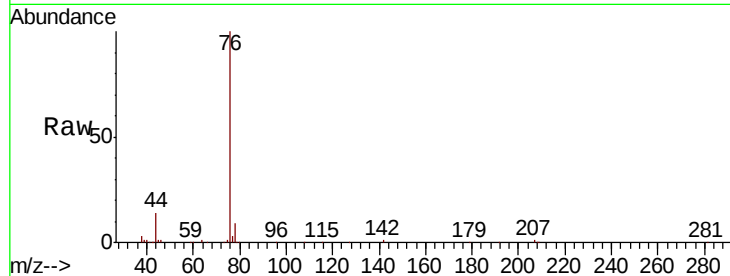




#17
Carbon Disulfide
Concen: 20.839 ug/l
RT: 4.20 min Scan# 404
Delta R.T. 0.00 min
Lab File: VY003230.D
Acq: 20 Jul 2020 14:40

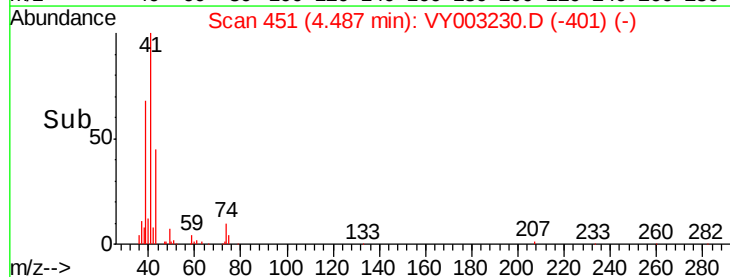
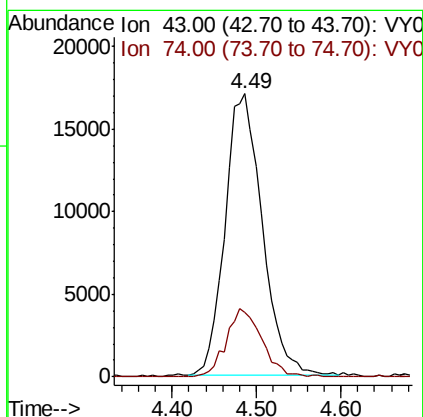
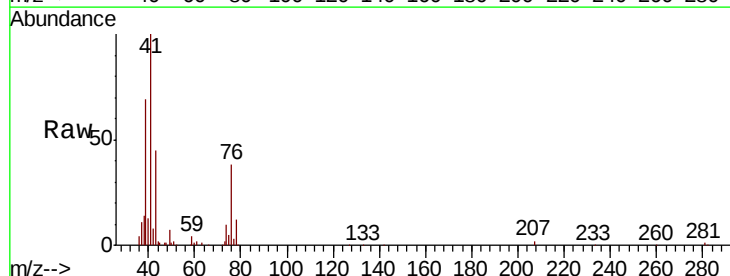
Instrument :
MSVOA_Y
ClientSampleId :
VY0720SBS01

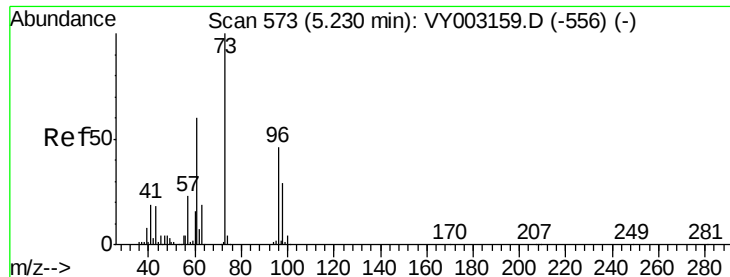
Tot Ion: 76 Resp: 218450
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9



#18
Methyl Acetate
Concen: 23.896 ug/l
RT: 4.49 min Scan# 451
Delta R.T. 0.01 min
Lab File: VY003230.D
Acq: 20 Jul 2020 14:40

Tgt Ion: 43 Resp: 51364
Ion Ratio Lower Upper
43 100
74 23.1 20.8 31.2

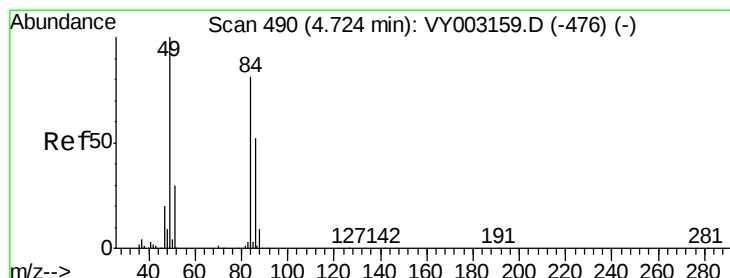
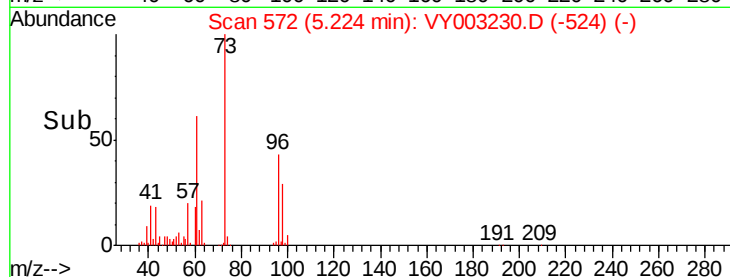
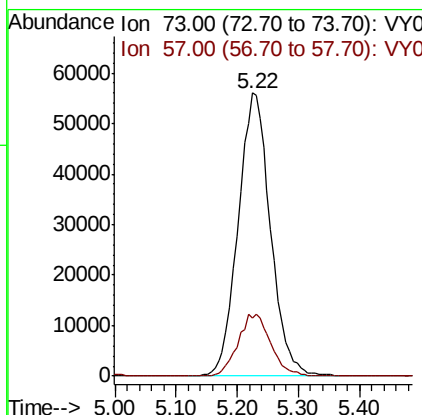
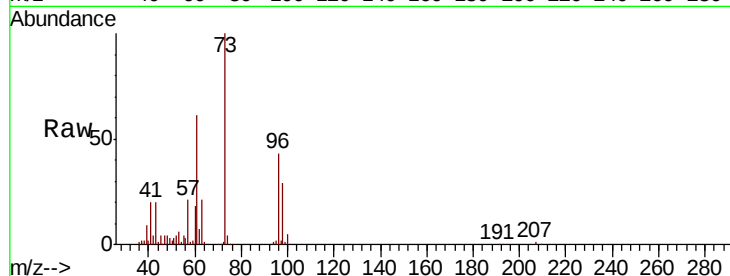




#19
Methvl tert-butvl Ether
Concen: 21.409 ug/l
RT: 5.22 min Scan# 572
Delta R.T. -0.01 min
Lab File: VY003230.D
Acq: 20 Jul 2020 14:40

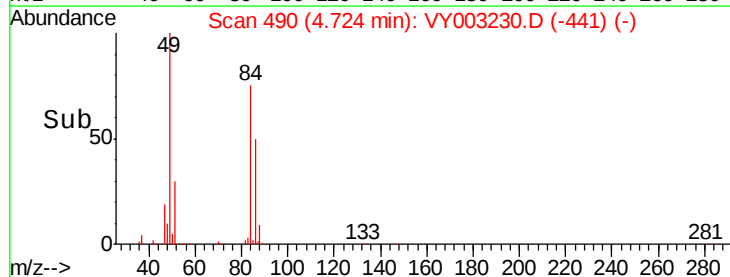
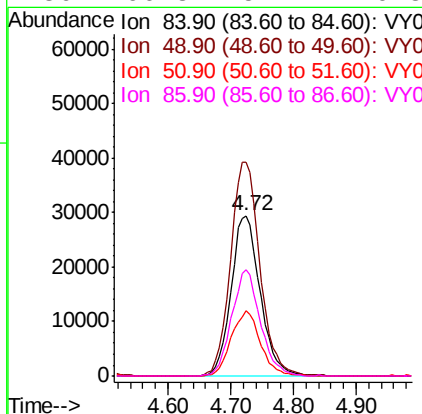
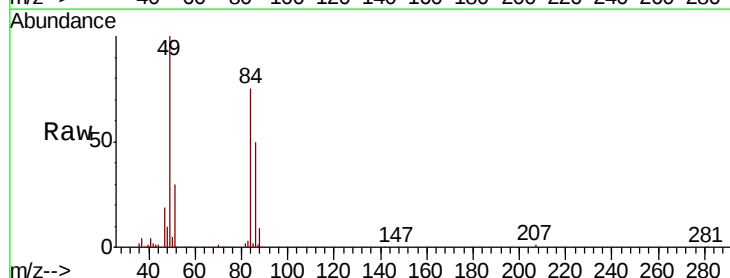
Instrument :
MSVOA_Y
ClientSampleId :
VY0720SBS01

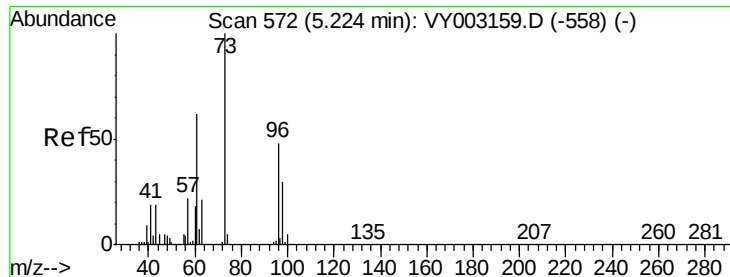
Tot Ion: 73 Resp: 204965
Ion Ratio Lower Upper
73 100
57 20.5 18.1 27.1



#20
Methylene Chloride
Concen: 21.017 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY003230.D
Acq: 20 Jul 2020 14:40

Tgt Ion: 84 Resp: 94251
Ion Ratio Lower Upper
84 100
49 133.5 98.2 147.4
51 40.5 29.8 44.6
86 66.3 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 19.963 ug/l

RT: 5.22 min Scan# 572

Delta R.T. 0.00 min

Lab File: VY003230.D

Acq: 20 Jul 2020 14:40

Instrument :

MSVOA_Y

ClientSampleId :

VY0720SBS01

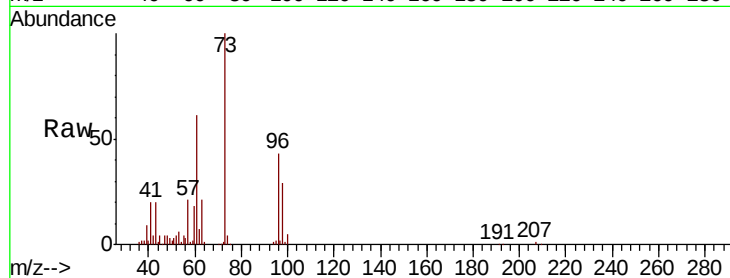
Tot Ion: 96 Resp: 77136

Ion Ratio Lower Upper

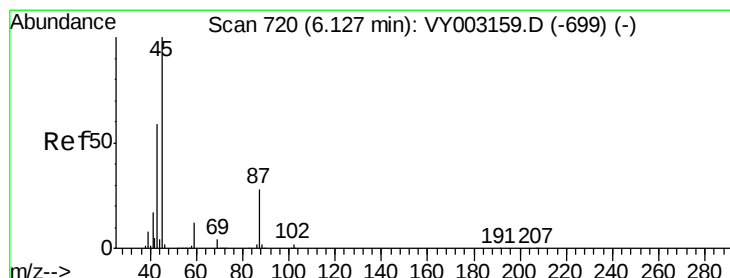
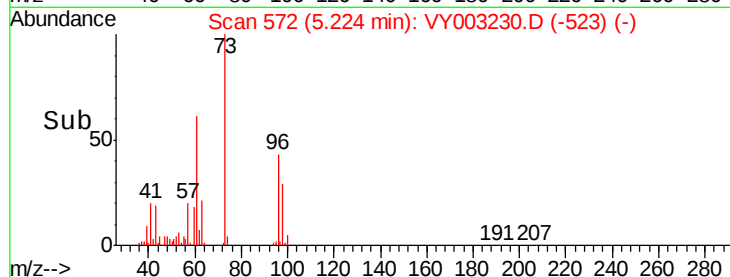
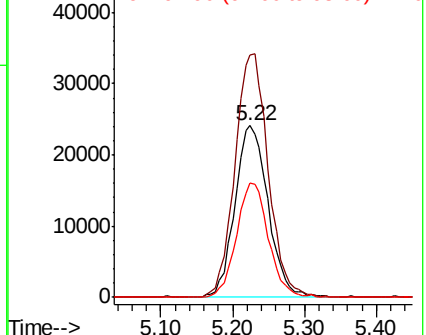
96 100

61 141.4 102.5 153.7

98 66.4 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: 23.438 ug/l

RT: 6.12 min Scan# 719

Delta R.T. -0.01 min

Lab File: VY003230.D

Acq: 20 Jul 2020 14:40

Tgt Ion: 45 Resp: 263686

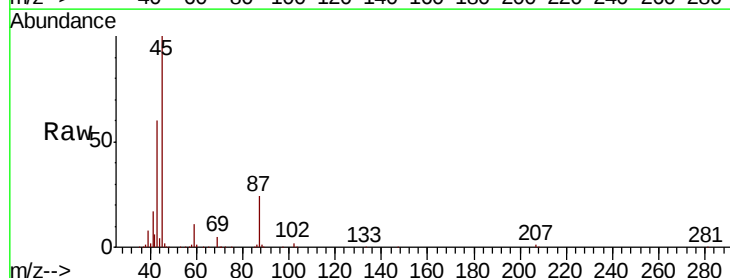
Ion Ratio Lower Upper

45 100

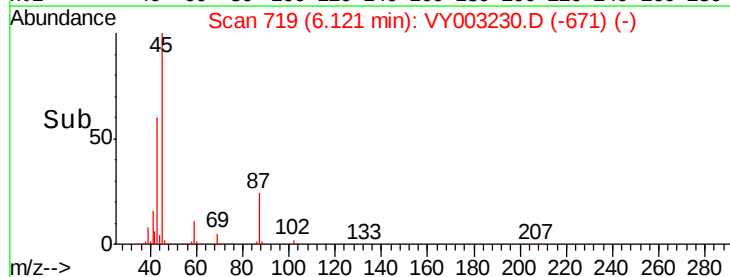
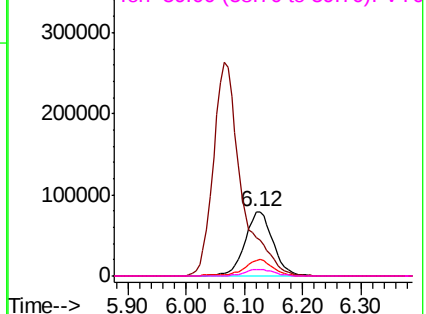
43 60.2 47.0 70.4

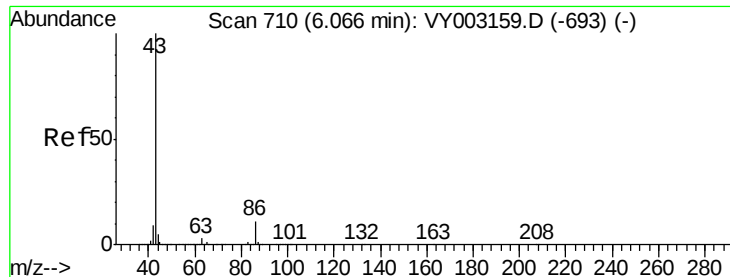
87 23.8 22.6 33.8

59 11.0 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: 116.022 ug/l

RT: 6.07 min Scan# 710

Delta R.T. 0.00 min

Lab File: VY003230.D

Acq: 20 Jul 2020 14:40

Instrument :

MSVOA_Y

ClientSampleId :

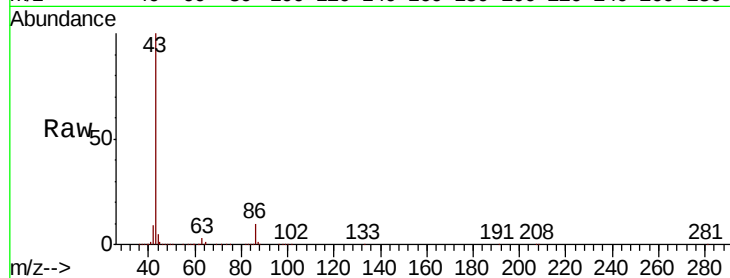
VY0720SBS01

Tot Ion: 43 Resp: 870003

Ion Ratio Lower Upper

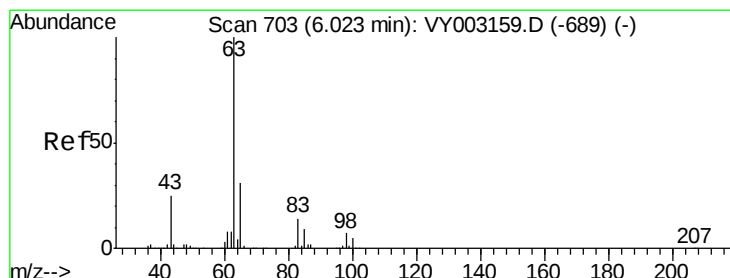
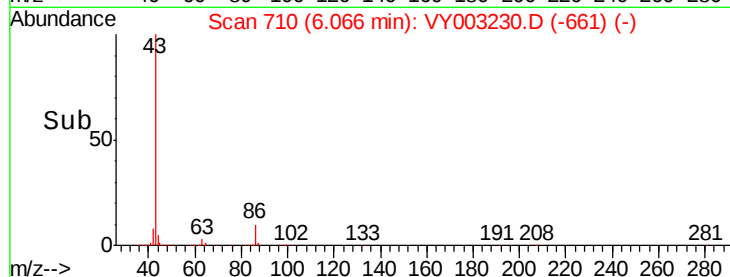
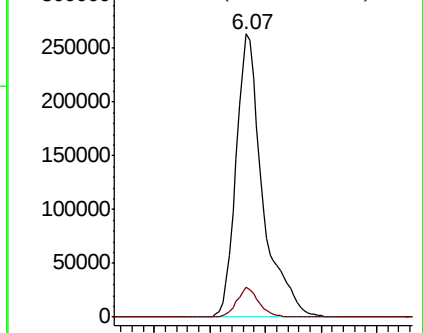
43 100

86 10.4 8.8 13.2



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 21.770 ug/l

RT: 6.02 min Scan# 703

Delta R.T. 0.00 min

Lab File: VY003230.D

Acq: 20 Jul 2020 14:40

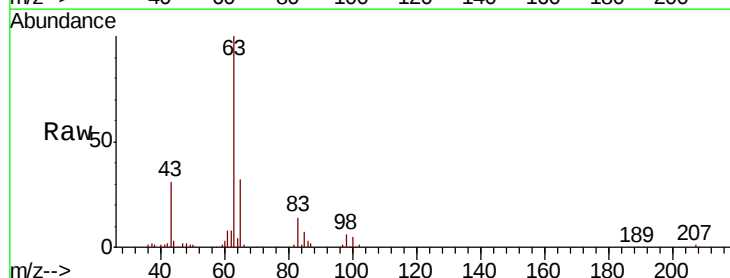
Tgt Ion: 63 Resp: 141896

Ion Ratio Lower Upper

63 100

98 6.1 3.6 10.8

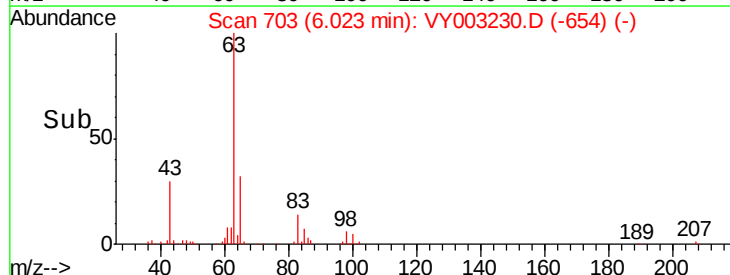
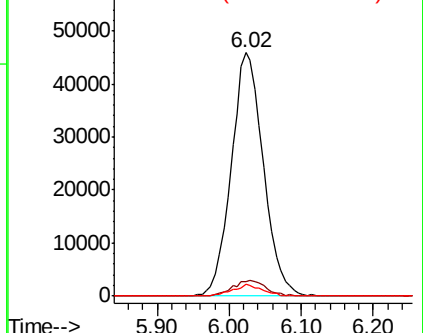
100 4.7 2.4 7.2



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0

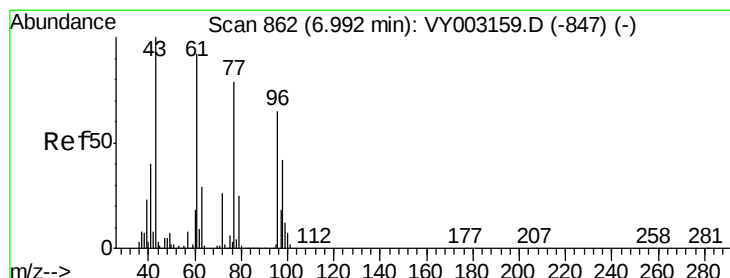
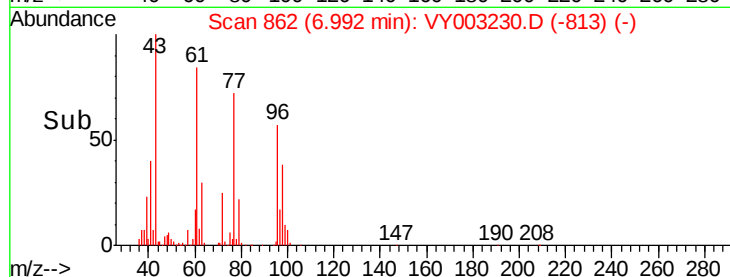
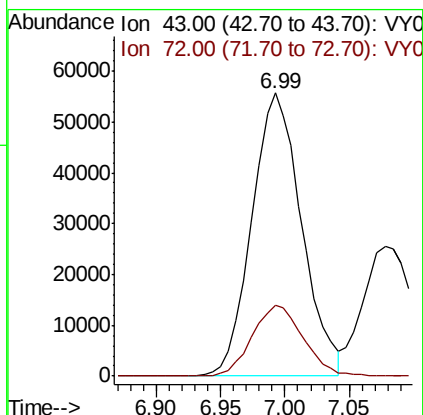
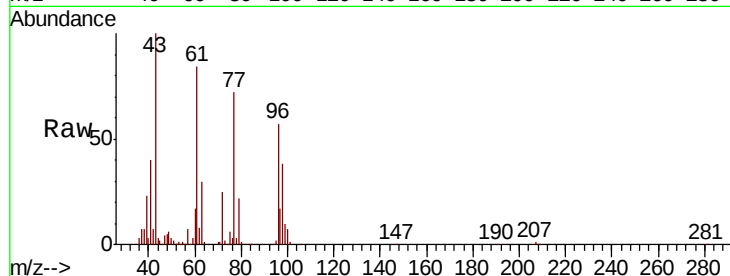




#25
2-Butanone
Concen: 117.496 ug/l
RT: 6.99 min Scan# 862
Delta R.T. 0.00 min
Lab File: VY003230.D
Acq: 20 Jul 2020 14:40

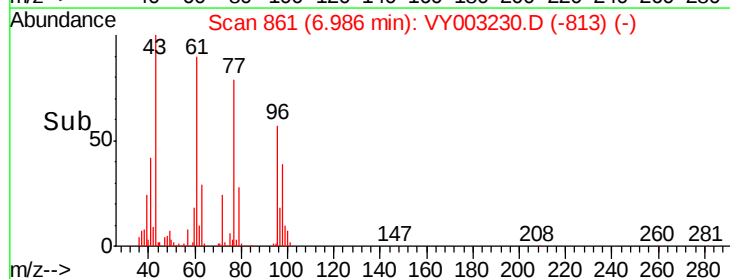
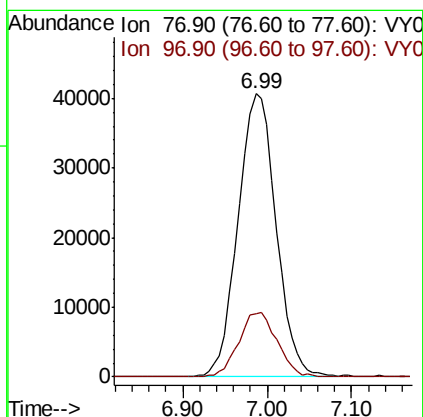
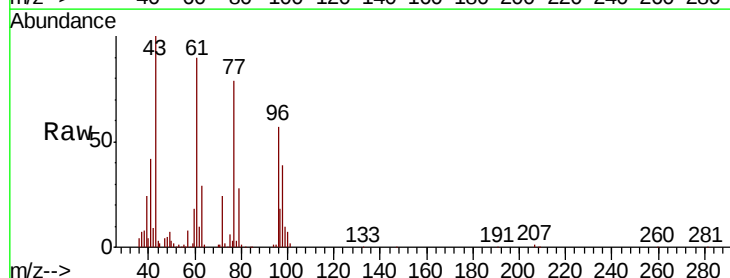
Instrument :
MSVOA_Y
ClientSampleId :
VY0720SBS01

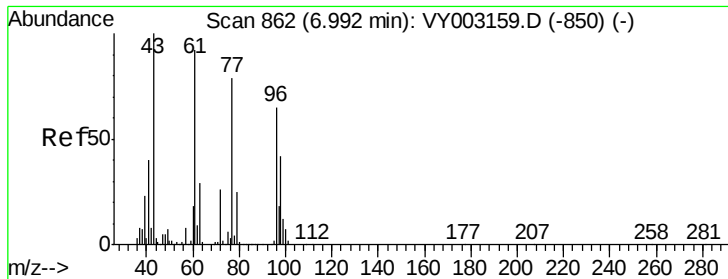
Tot Ion: 43 Resp: 149318
Ion Ratio Lower Upper
43 100
72 24.9 20.9 31.3



#26
2,2-Dichloropropane
Concen: 21.227 ug/l
RT: 6.99 min Scan# 861
Delta R.T. -0.01 min
Lab File: VY003230.D
Acq: 20 Jul 2020 14:40

Tgt Ion: 77 Resp: 124600
Ion Ratio Lower Upper
77 100
97 23.0 11.6 34.7



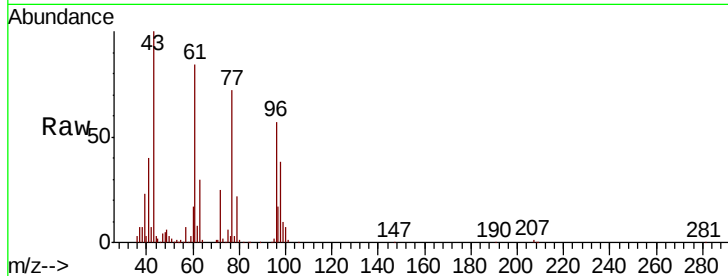


#27

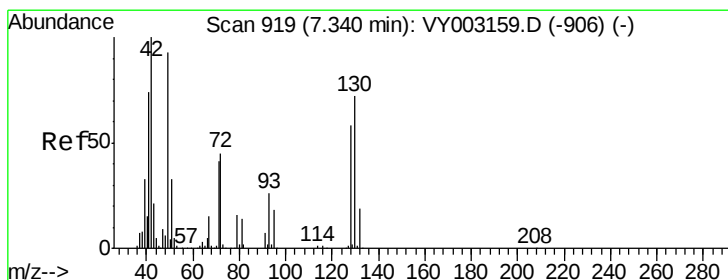
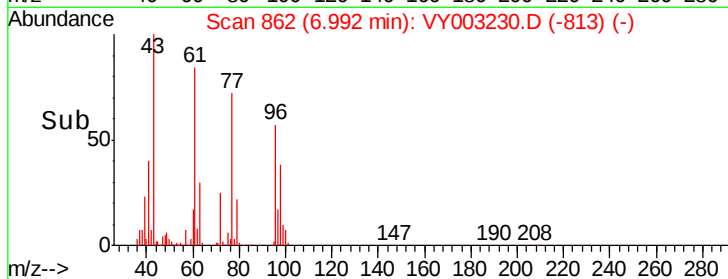
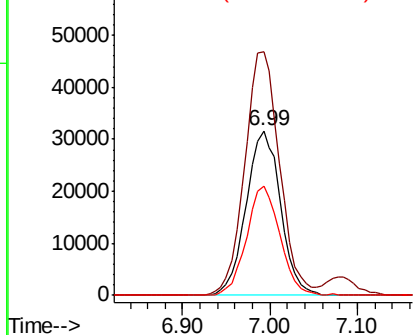
cis-1,2-Dichloroethene
 Concen: 20.388 ug/l
 RT: 6.99 min Scan# 862
 Delta R.T. 0.00 min
 Lab File: VY003230.D
 Acq: 20 Jul 2020 14:40

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0720SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	149.8	0.0	281.2
98	64.5	0.0	129.8



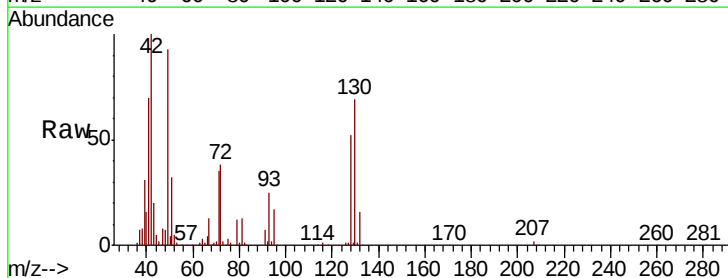
Abundance Ion 95.90 (95.60 to 96.60): VY0
 Ion 60.90 (60.60 to 61.60): VY0
 Ion 97.90 (97.60 to 98.60): VY0



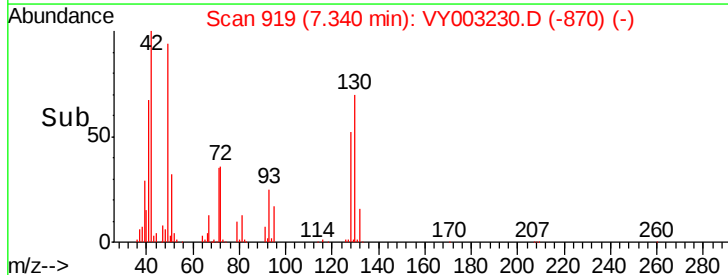
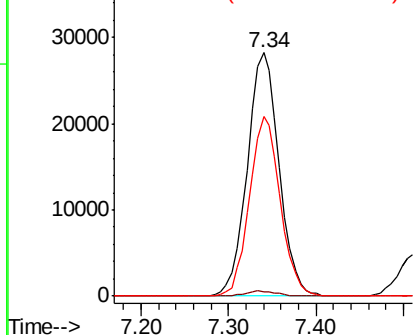
#28

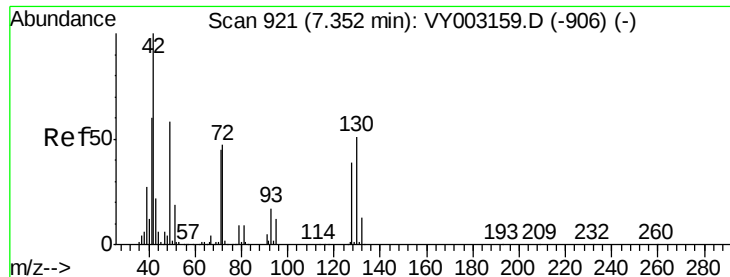
Bromochloromethane
 Concen: 25.118 ug/l
 RT: 7.34 min Scan# 919
 Delta R.T. 0.00 min
 Lab File: VY003230.D
 Acq: 20 Jul 2020 14:40

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	5.0
130	71.4	64.9	97.3



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





#29

Tetrahydrofuran

Concen: 119.244 ug/l

RT: 7.35 min Scan# 921

Delta R.T. 0.00 min

Lab File: VY003230.D

Acq: 20 Jul 2020 14:40

Instrument :

MSVOA_Y

ClientSampleId :

VY0720SBS01

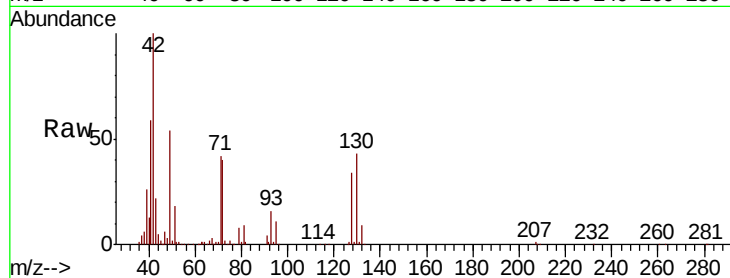
Tot Ion: 42 Resp: 101802

Ion Ratio Lower Upper

42 100

72 41.6 36.7 55.1

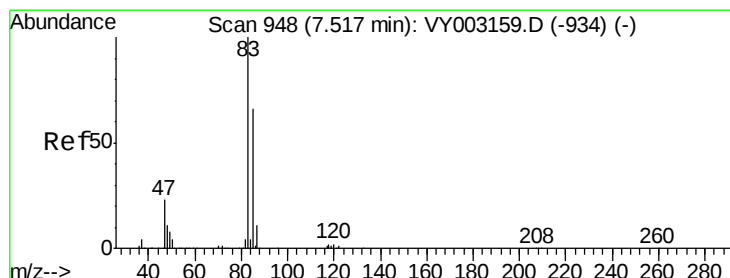
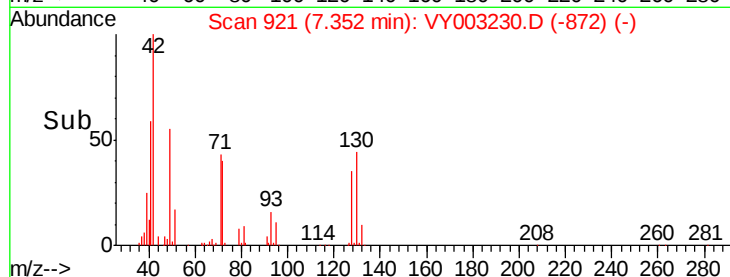
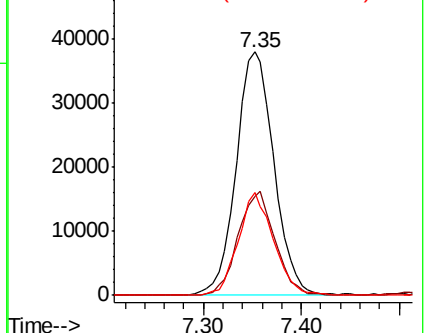
71 39.4 34.2 51.4



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: 21.011 ug/l

RT: 7.52 min Scan# 948

Delta R.T. 0.00 min

Lab File: VY003230.D

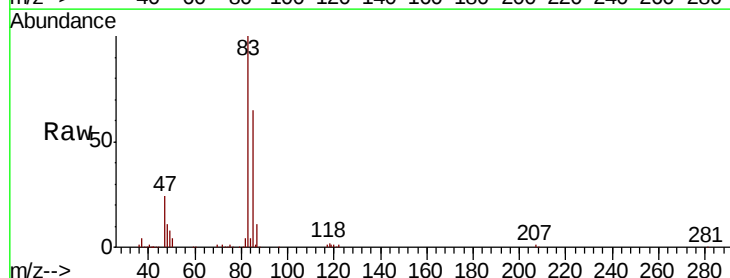
Acq: 20 Jul 2020 14:40

Tgt Ion: 83 Resp: 141049

Ion Ratio Lower Upper

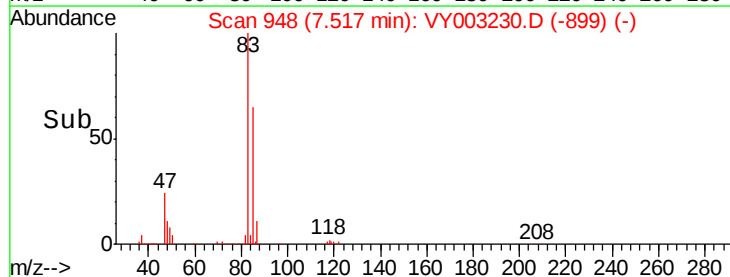
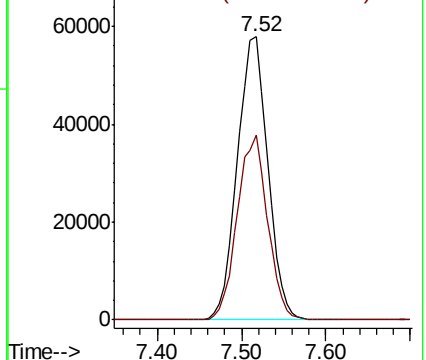
83 100

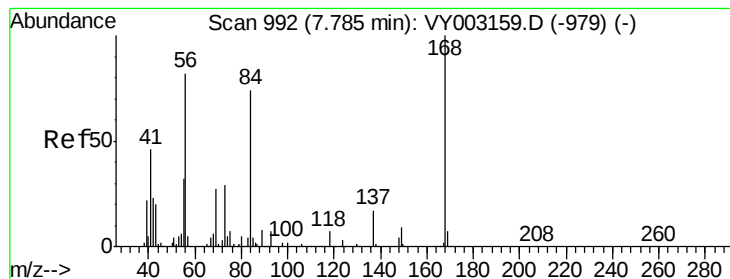
85 65.1 52.6 78.8



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0





#31

Cyclohexane

Concen: 21.293 ug/l

RT: 7.78 min Scan# 992

Delta R.T. 0.00 min

Lab File: VY003230.D

Acq: 20 Jul 2020 14:40

Instrument :

MSVOA_Y

ClientSampleId :

VY0720SBS01

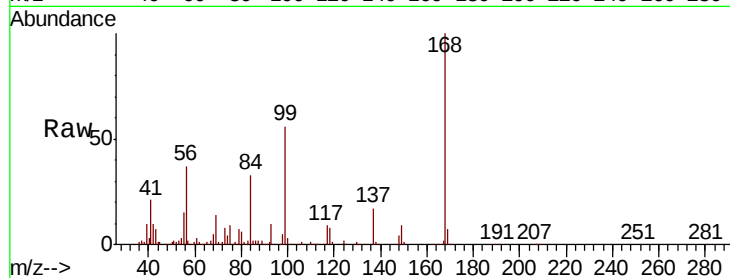
Tot Ion: 56 Resp: 134203

Ion Ratio Lower Upper

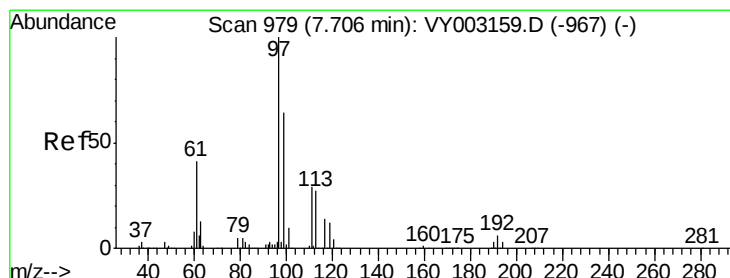
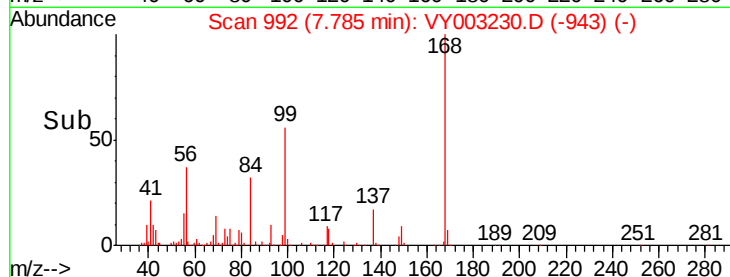
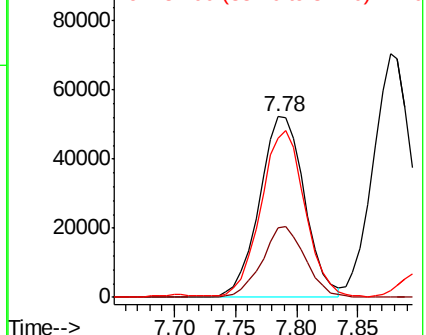
56 100

69 38.3 26.7 40.1

84 86.6 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: 21.106 ug/l

RT: 7.71 min Scan# 979

Delta R.T. 0.00 min

Lab File: VY003230.D

Acq: 20 Jul 2020 14:40

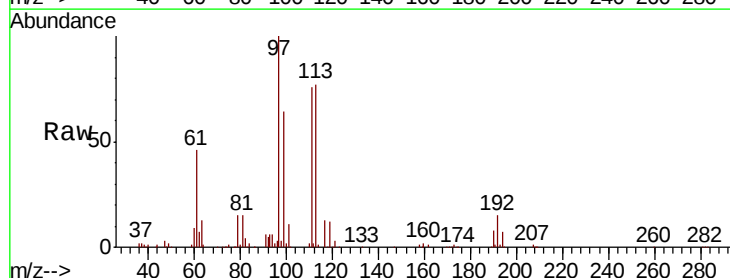
Tgt Ion: 97 Resp: 127552

Ion Ratio Lower Upper

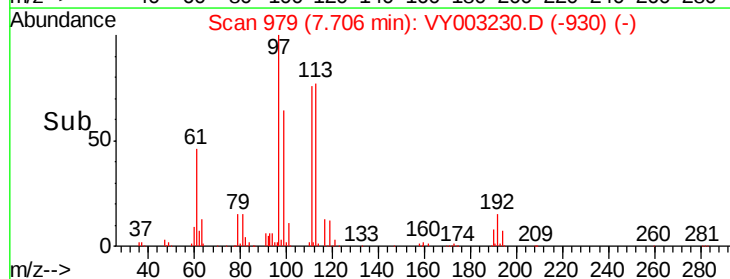
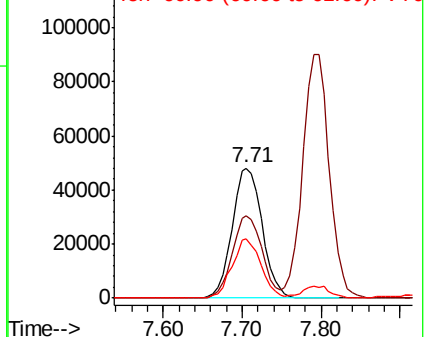
97 100

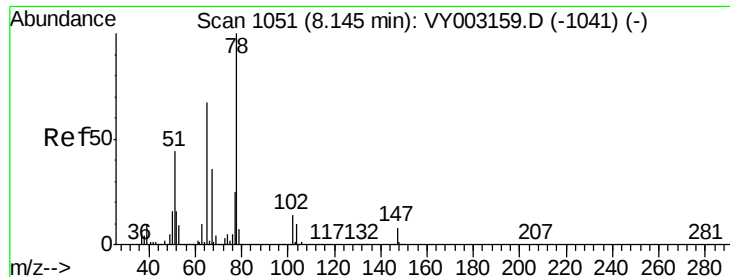
99 62.9 52.1 78.1

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

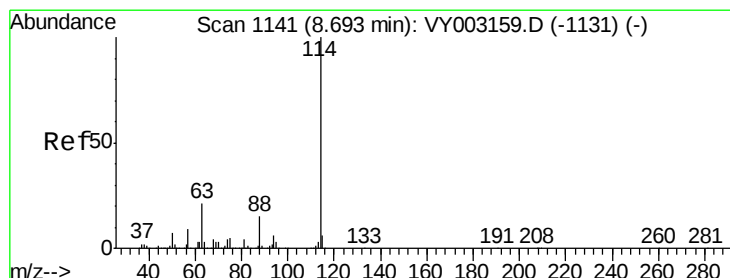
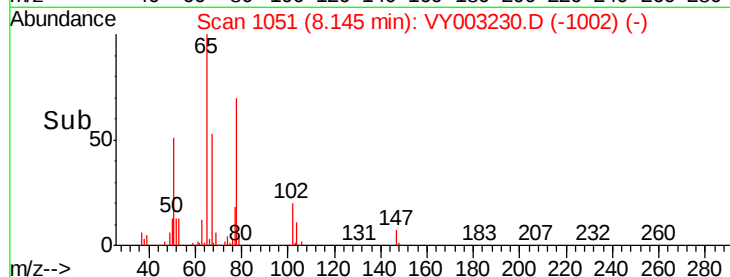
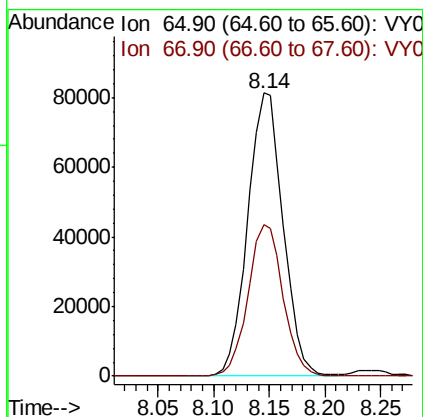
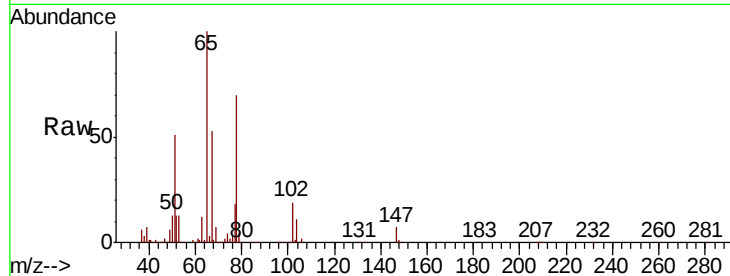




#33
 1,2-Dichloroethane-d4
 Concen: 51.919 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VY003230.D
 Acq: 20 Jul 2020 14:40

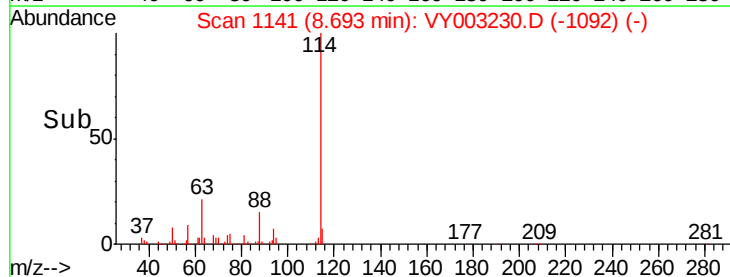
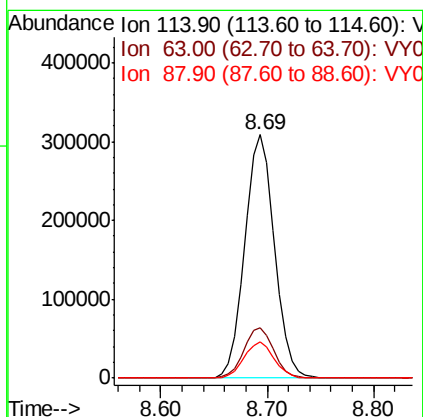
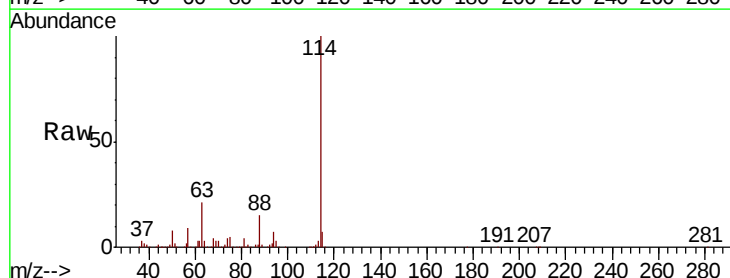
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0720SBS01

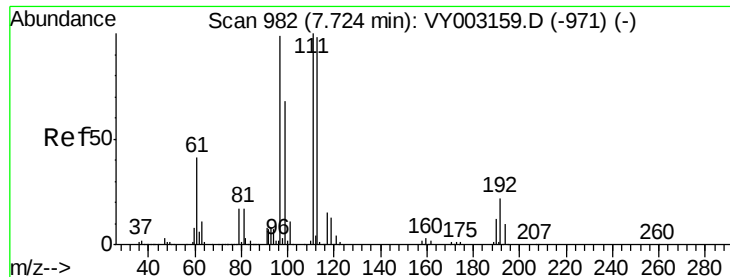
Tot Ion: 65 Resp: 179905
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY003230.D
 Acq: 20 Jul 2020 14:40

Tgt Ion: 114 Resp: 603740
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 41.2
 88 15.1 0.0 30.2

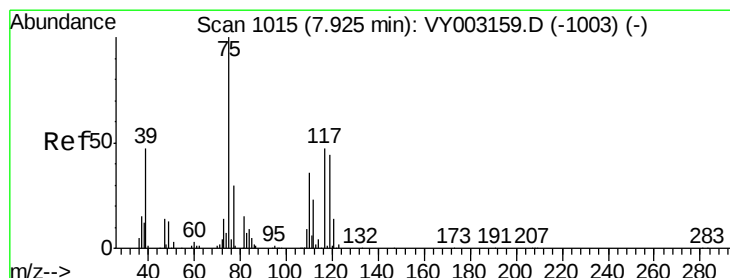
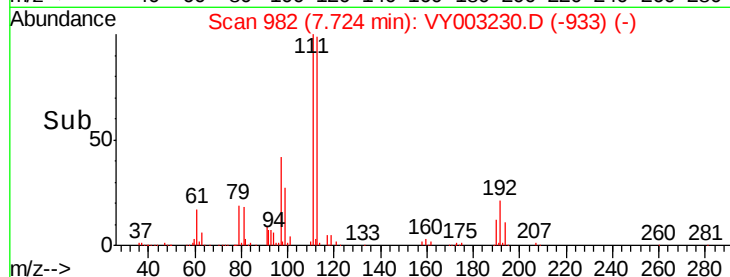
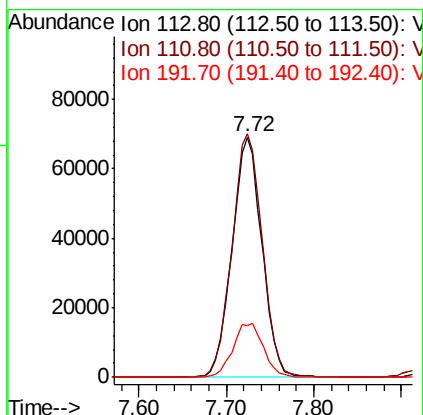
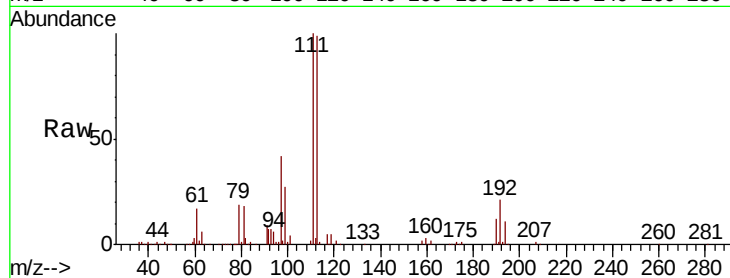




#35
 Dibromofluoromethane
 Concen: 47.120 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VY003230.D
 Acq: 20 Jul 2020 14:40

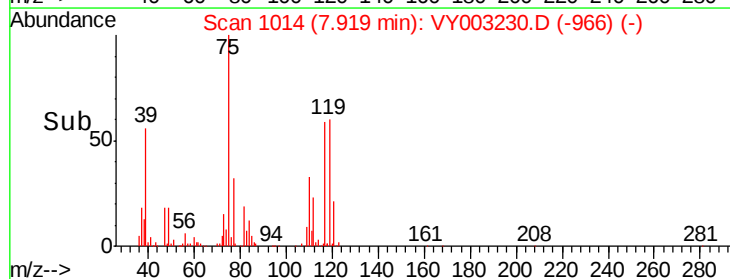
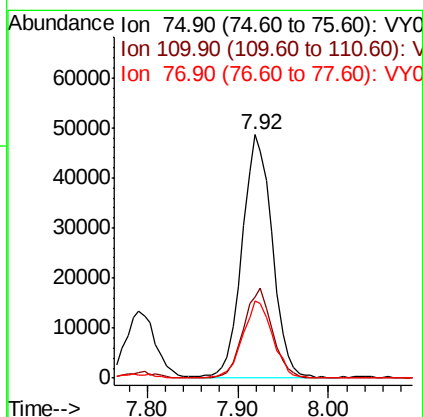
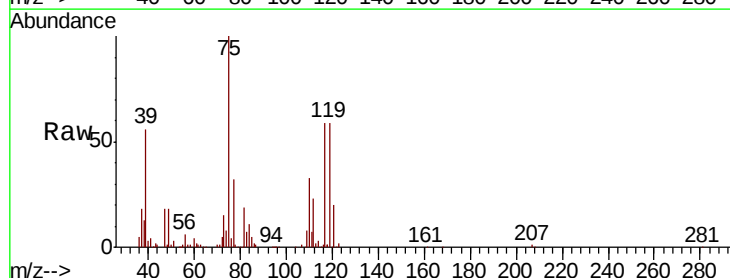
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0720SBS01

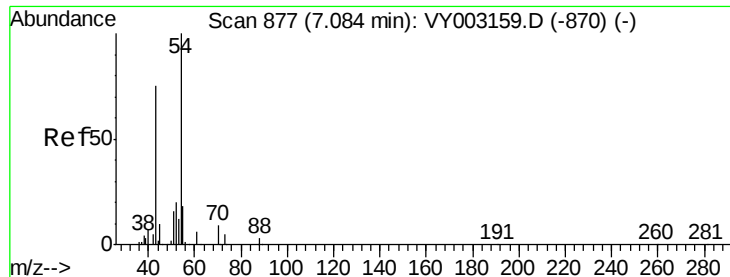
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.1	123.1
192	23.0	18.8	28.2



#36
 1,1-Dichloropropene
 Concen: 20.330 ug/l
 RT: 7.92 min Scan# 1014
 Delta R.T. -0.01 min
 Lab File: VY003230.D
 Acq: 20 Jul 2020 14:40

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.3	18.1	54.1
77	31.7	24.8	37.2

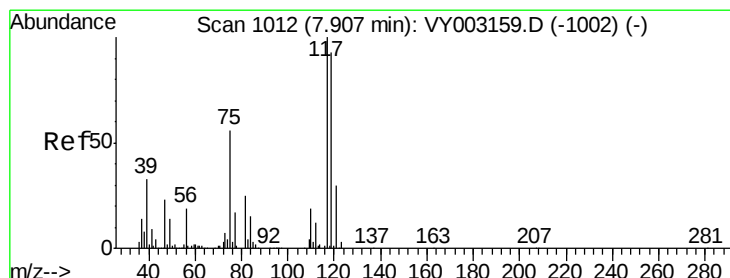
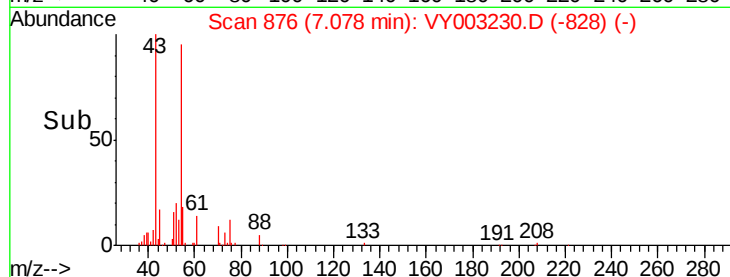
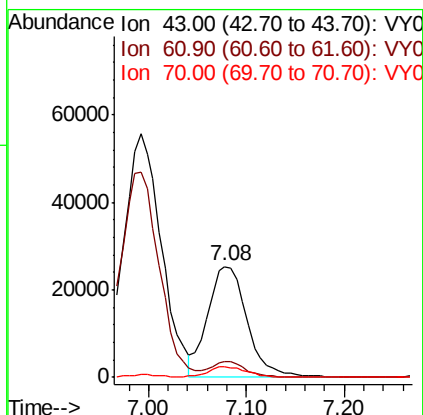
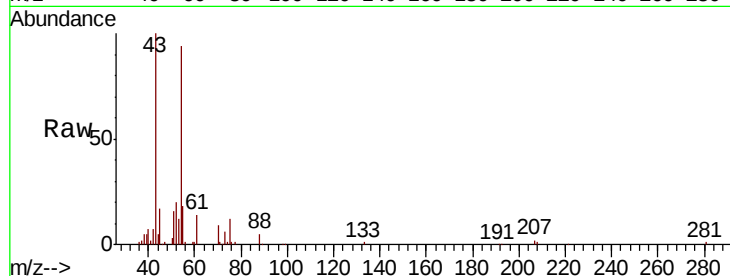




#37
Ethyl Acetate
Concen: 23.884 ug/l
RT: 7.08 min Scan# 876
Delta R.T. -0.01 min
Lab File: VY003230.D
Acq: 20 Jul 2020 14:40

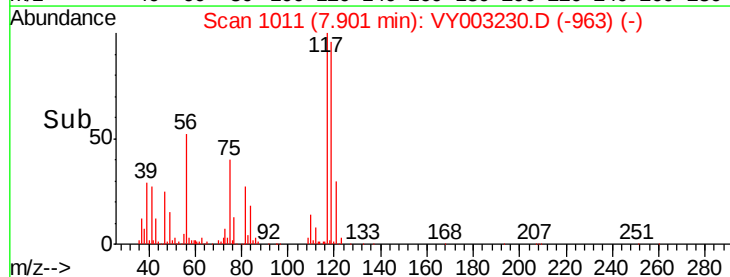
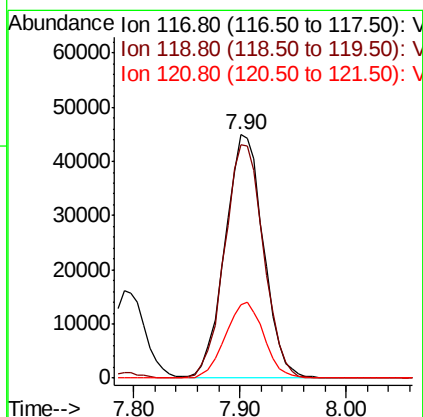
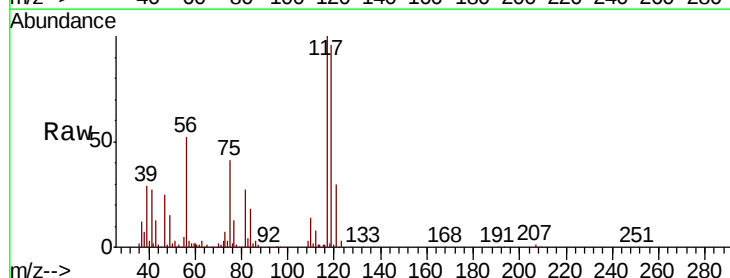
Instrument :
MSVOA_Y
ClientSampleId :
VY0720SBS01

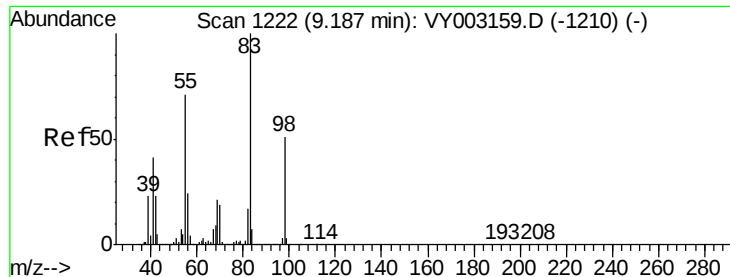
Tot Ion: 43 Resp: 70382
Ion Ratio Lower Upper
43 100
61 12.2 11.8 17.6
70 9.4 8.6 13.0



#38
Carbon Tetrachloride
Concen: 20.071 ug/l
RT: 7.90 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VY003230.D
Acq: 20 Jul 2020 14:40

Tgt Ion: 117 Resp: 113379
Ion Ratio Lower Upper
117 100
119 95.7 74.5 111.7
121 30.1 24.2 36.2

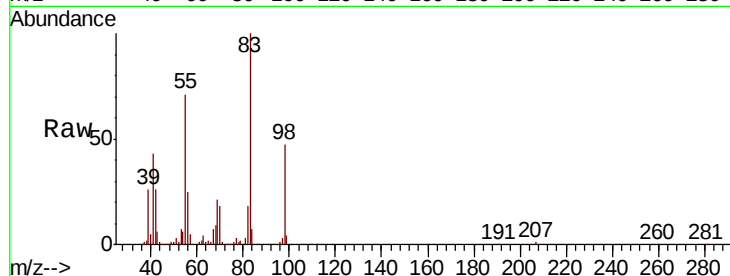




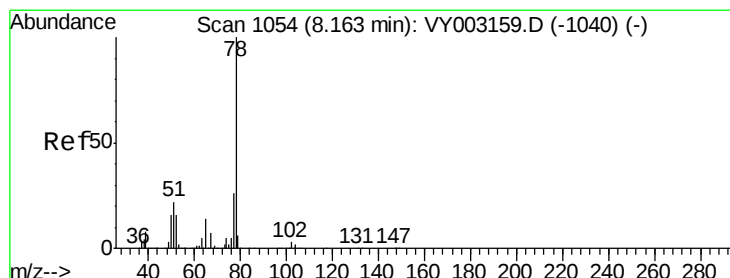
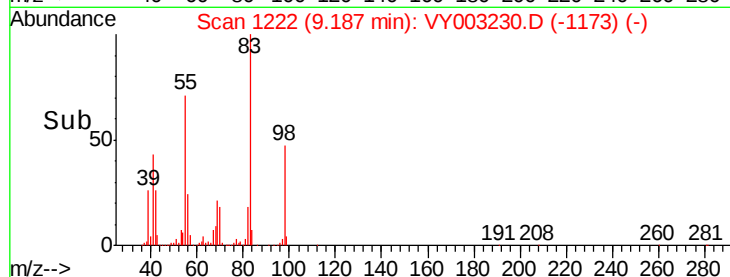
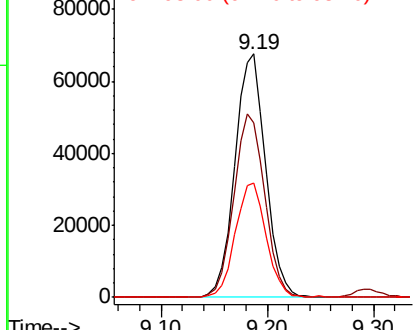
#39
Methvlcvclohexane
Concen: 19.949 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY003230.D
Acq: 20 Jul 2020 14:40

Instrument :
MSVOA_Y
ClientSampleId :
VY0720SBS01

Tot Ion: 83 Resp: 137130
Ion Ratio Lower Upper
83 100
55 71.3 57.2 85.8
98 47.0 41.0 61.6

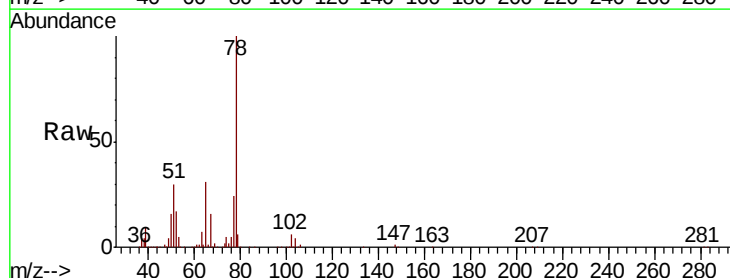


Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

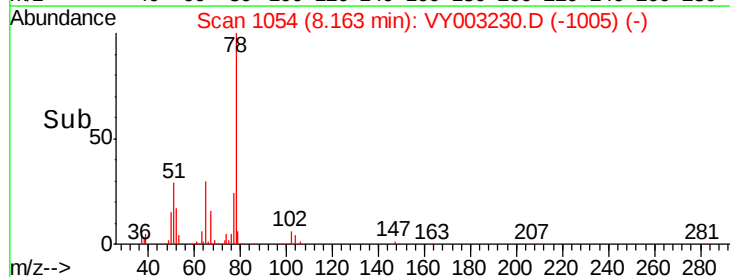
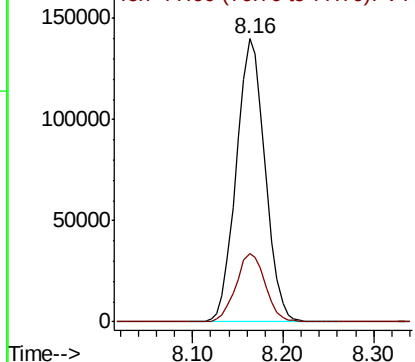


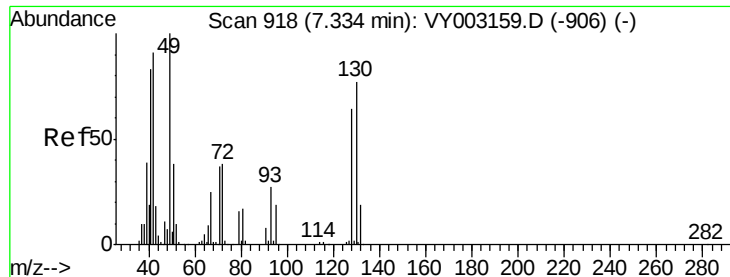
#40
Benzene
Concen: 20.442 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VY003230.D
Acq: 20 Jul 2020 14:40

Tgt Ion: 78 Resp: 307989
Ion Ratio Lower Upper
78 100
77 24.2 20.7 31.1



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





#41

Methacrylonitrile

Concen: 53.294 ug/l

RT: 7.35 min Scan# 921

Delta R.T. 0.02 min

Lab File: VY003230.D

Acq: 20 Jul 2020 14:40

Instrument :

MSVOA_Y

ClientSampleId :

VY0720SBS01

Tot Ion: 41 Resp: 94584

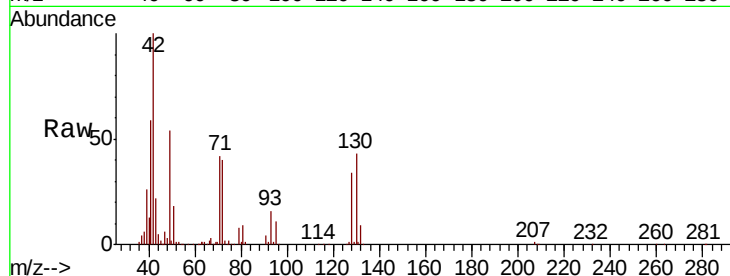
Ion Ratio Lower Upper

41 100

39 46.7 83.3 124.9#

67 0.0 0.0 0.0

52 0.0 0.0 0.0

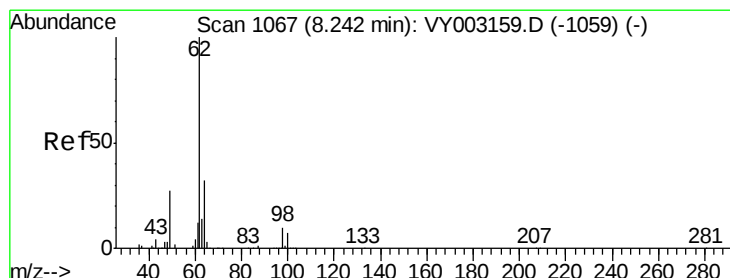
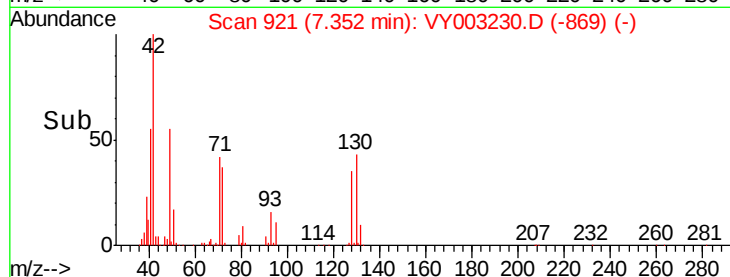
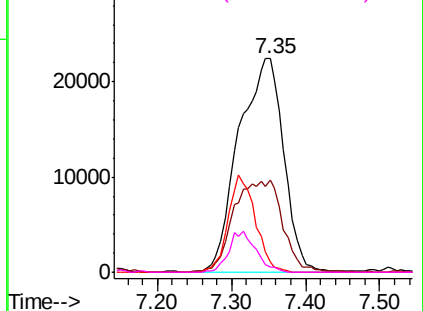


Abundance Ion 41.00 (40.70 to 41.70): VY0

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: 21.049 ug/l

RT: 8.24 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VY003230.D

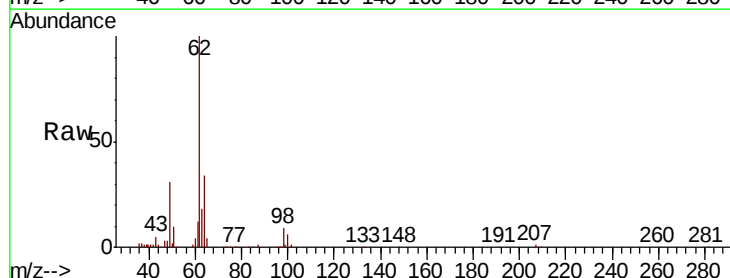
Acq: 20 Jul 2020 14:40

Tgt Ion: 62 Resp: 97637

Ion Ratio Lower Upper

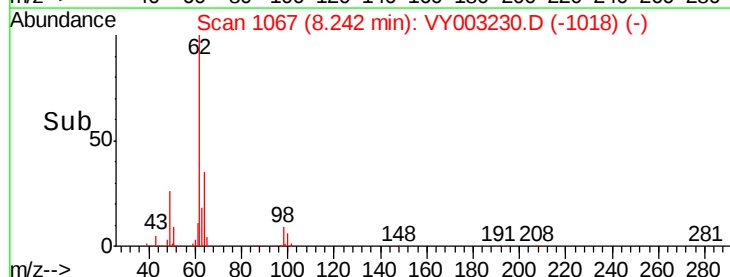
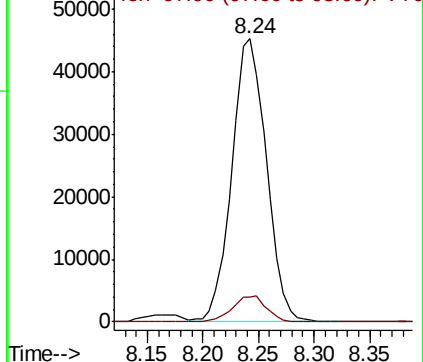
62 100

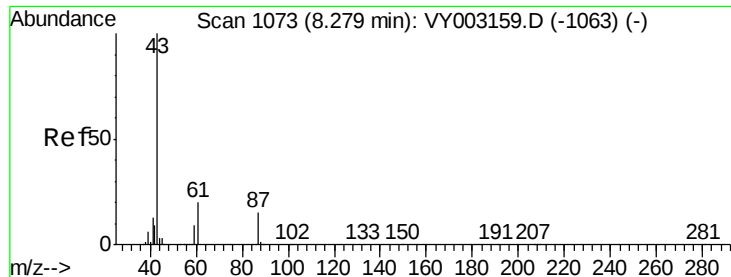
98 9.0 0.0 19.0



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 97.90 (97.60 to 98.60): VY0



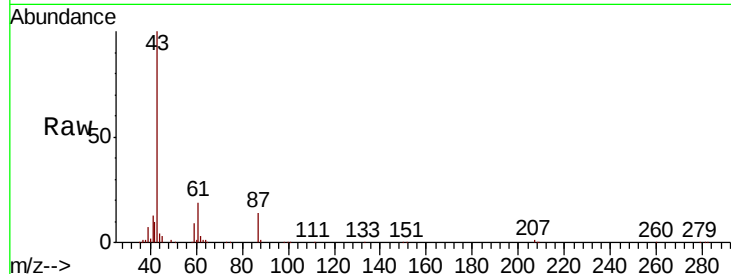


#43

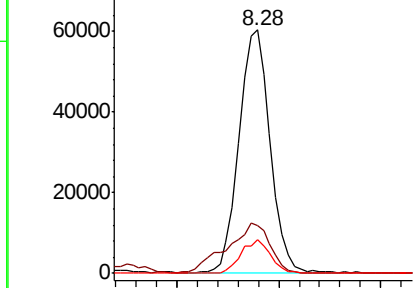
Isopropyl Acetate
 Concen: 22.333 ug/l
 RT: 8.28 min Scan# 1073
 Delta R.T. 0.00 min
 Lab File: VY003230.D
 Acq: 20 Jul 2020 14:40

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0720SBS01

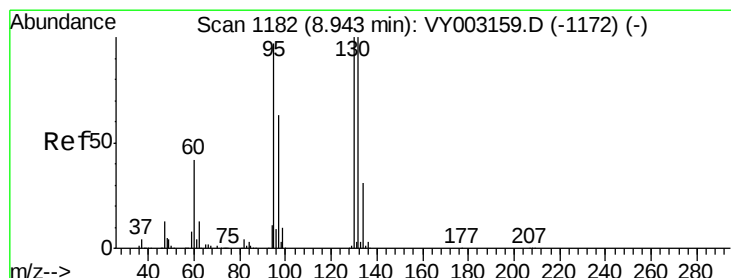
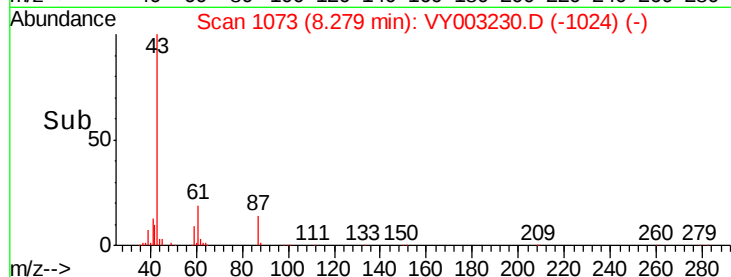
Tot Ion	43	Resp	127382
Ion Ratio	Lower	Upper	
43	100		
61	28.8	23.7	35.5
87	13.0	11.4	17.0



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



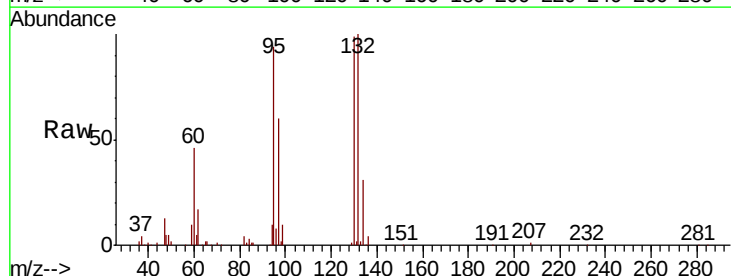
Time-->



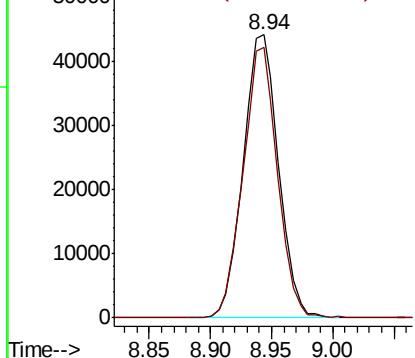
#44

Trichloroethene
 Concen: 19.136 ug/l
 RT: 8.94 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: VY003230.D
 Acq: 20 Jul 2020 14:40

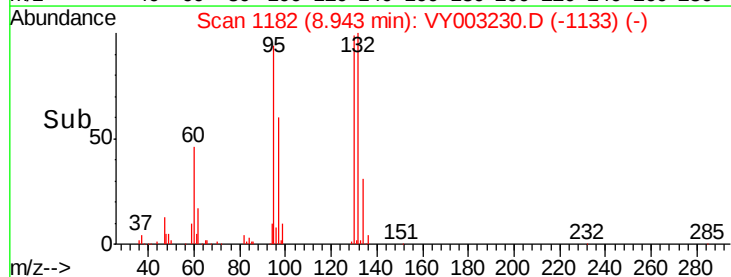
Tgt Ion	130	Resp	88383
Ion Ratio	Lower	Upper	
130	100		
95	95.7	0.0	193.8

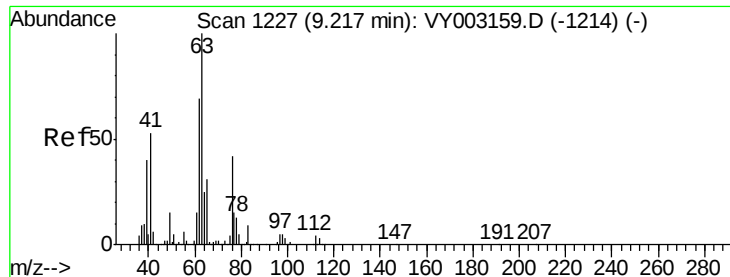


Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VY0



Time-->





#45

1,2-Dichloropropane

Concen: 21.180 ug/l

RT: 9.22 min Scan# 1227

Delta R.T. 0.00 min

Lab File: VY003230.D

Acq: 20 Jul 2020 14:40

Instrument :

MSVOA_Y

ClientSampleId :

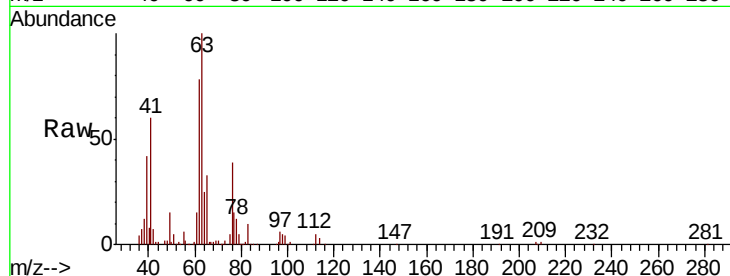
VY0720SBS01

Tot Ion: 63 Resp: 82573

Ion Ratio Lower Upper

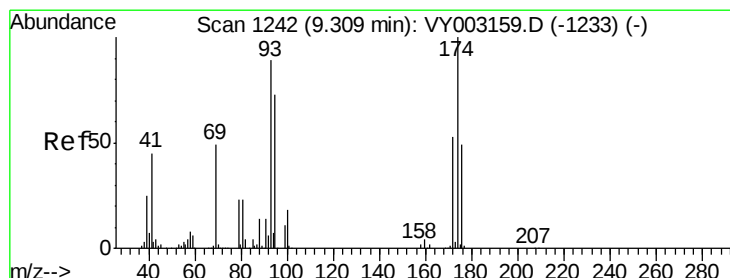
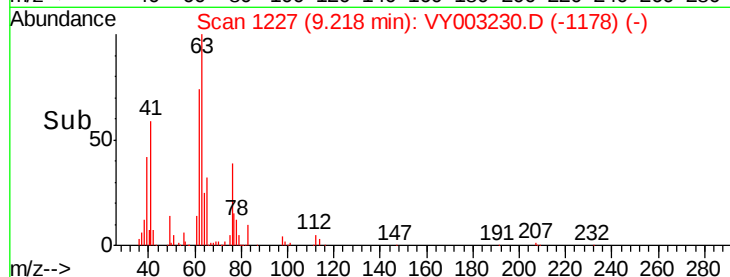
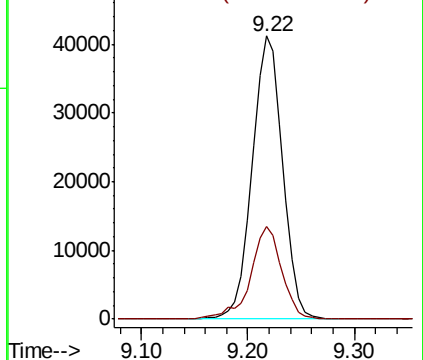
63 100

65 32.6 25.0 37.4



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 64.90 (64.60 to 65.60): VY0



#46

Dibromomethane

Concen: 20.296 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. 0.00 min

Lab File: VY003230.D

Acq: 20 Jul 2020 14:40

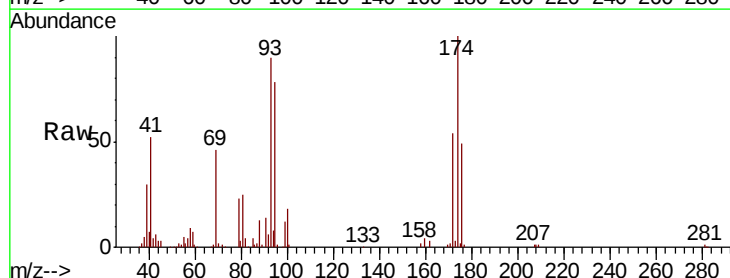
Tgt Ion: 93 Resp: 46215

Ion Ratio Lower Upper

93 100

95 84.8 66.6 99.8

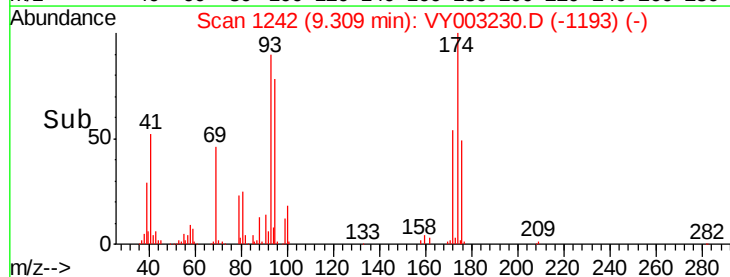
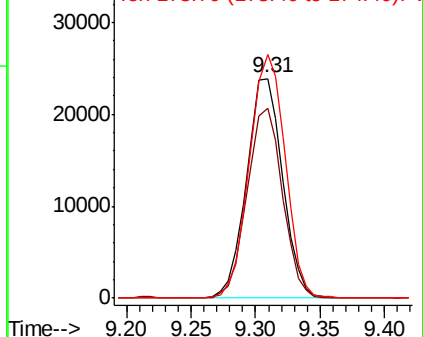
174 110.2 90.2 135.4

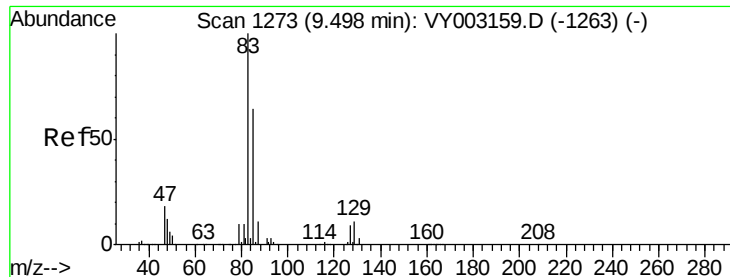


Abundance Ion 92.80 (92.50 to 93.50): VY0

Ion 94.80 (94.50 to 95.50): VY0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 21.018 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VY003230.D

Acq: 20 Jul 2020 14:40

Instrument :

MSVOA_Y

ClientSampleId :

VY0720SBS01

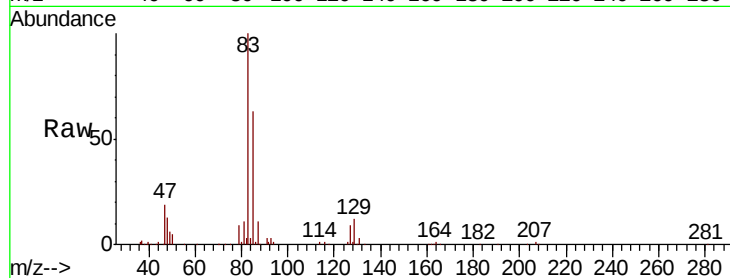
Tot Ion: 83 Resp: 113823

Ion Ratio Lower Upper

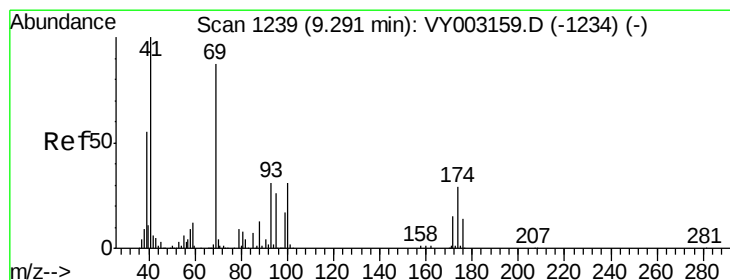
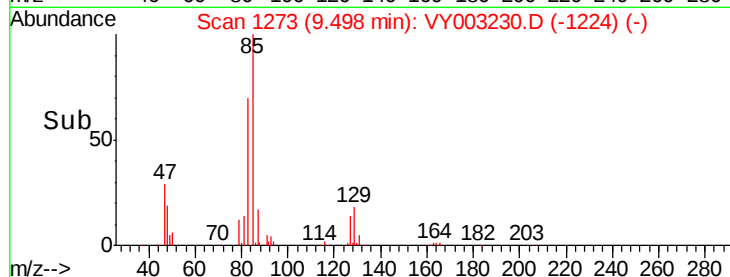
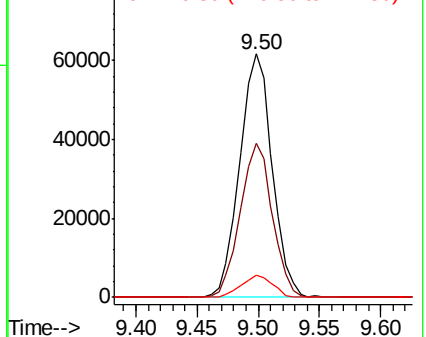
83 100

85 63.2 50.9 76.3

127 9.0 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: 22.136 ug/l

RT: 9.29 min Scan# 1239

Delta R.T. 0.00 min

Lab File: VY003230.D

Acq: 20 Jul 2020 14:40

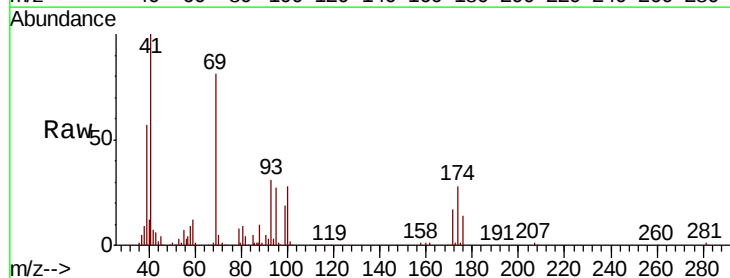
Tgt Ion: 41 Resp: 56446

Ion Ratio Lower Upper

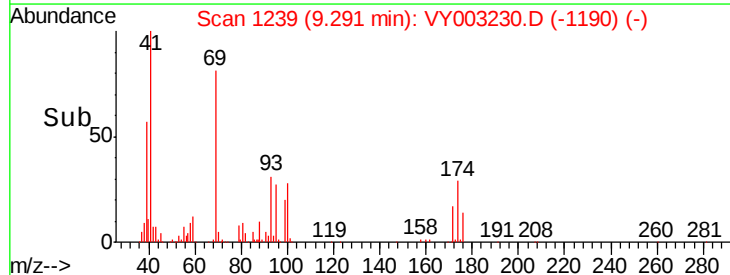
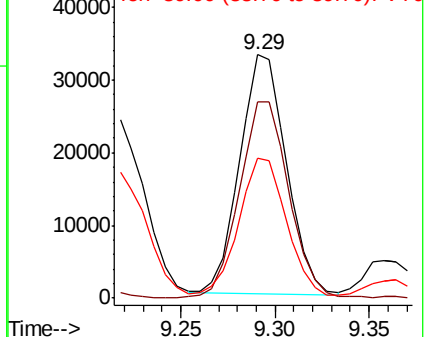
41 100

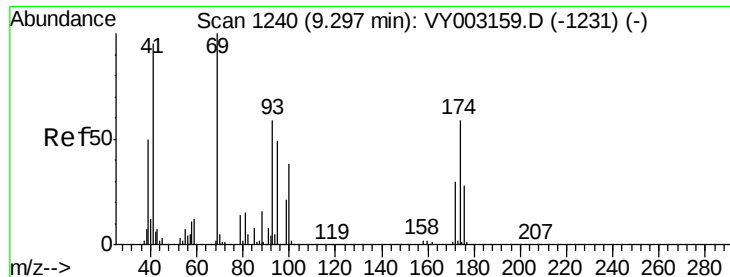
69 87.5 74.5 111.7

39 61.4 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: 388.316 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VY003230.D

Acq: 20 Jul 2020 14:40

Instrument :
MSVOA_Y
ClientSampleId :
VY0720SBS01

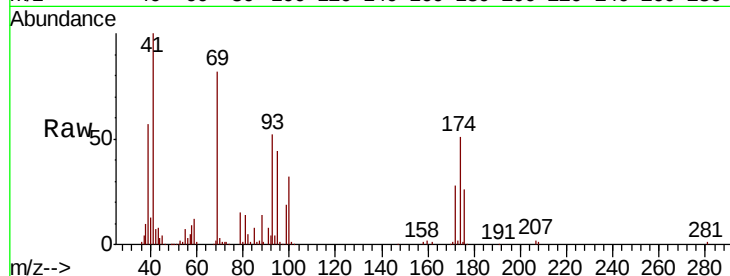
Tot Ion: 88 Resp: 11222

Ion Ratio Lower Upper

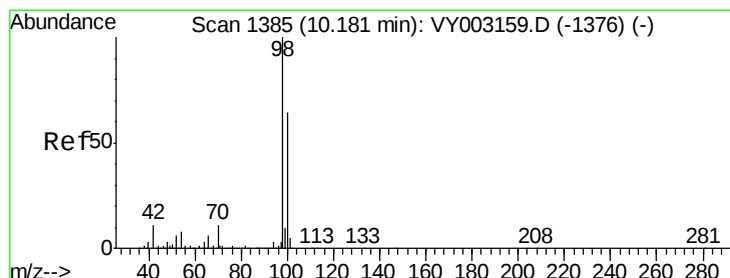
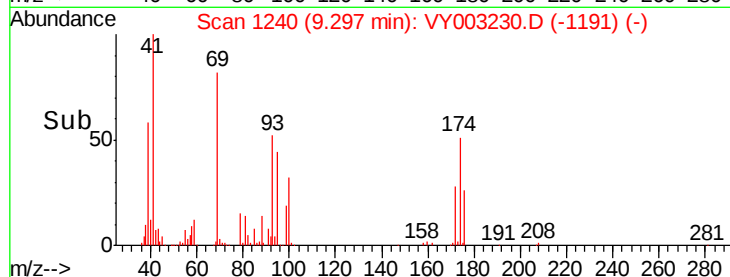
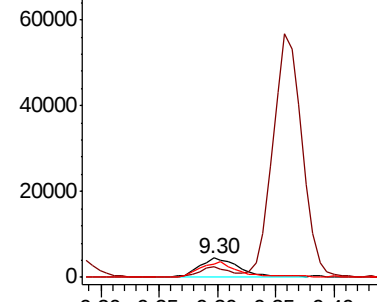
88 100

43 41.2 25.6 38.4#

58 71.2 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: 47.005 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY003230.D

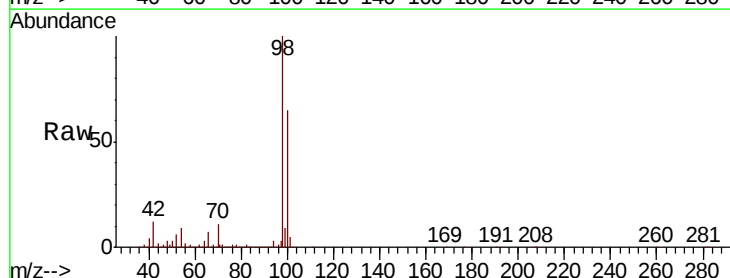
Acq: 20 Jul 2020 14:40

Tgt Ion: 98 Resp: 607166

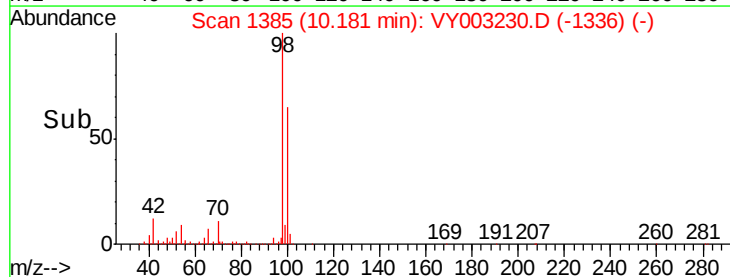
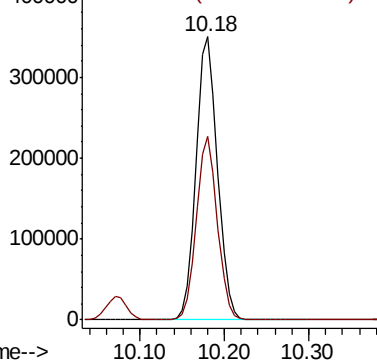
Ion Ratio Lower Upper

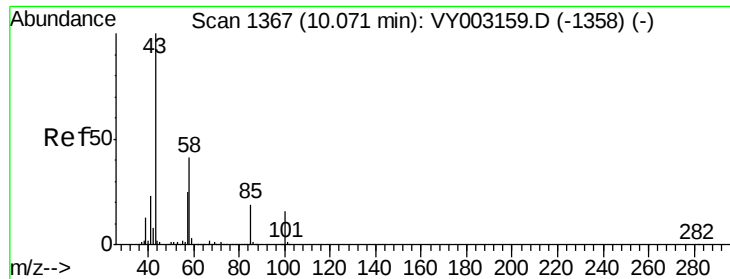
98 100

100 63.4 50.7 76.1



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

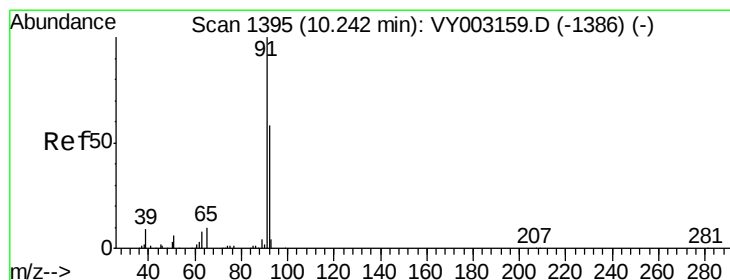
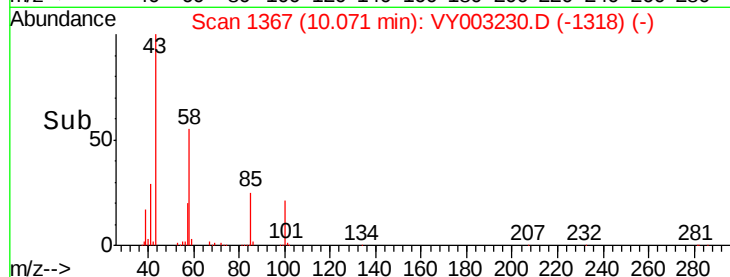
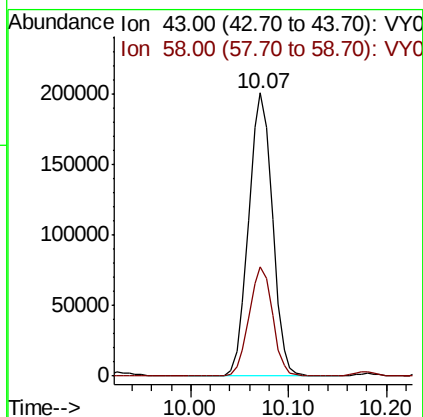
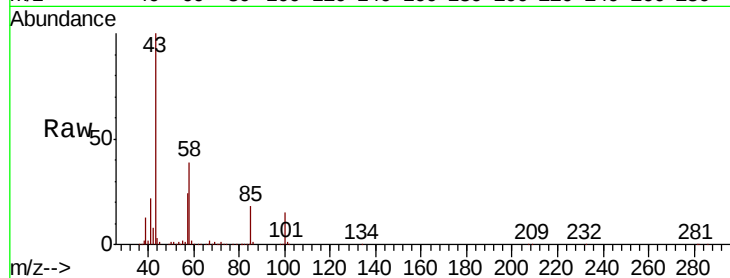




#51
4-Methyl-2-Pentanone
Concen: 115.002 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VY003230.D
Acq: 20 Jul 2020 14:40

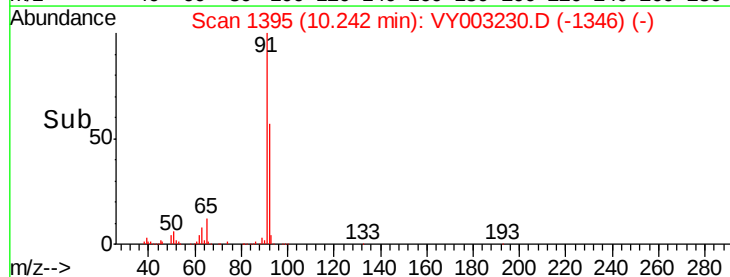
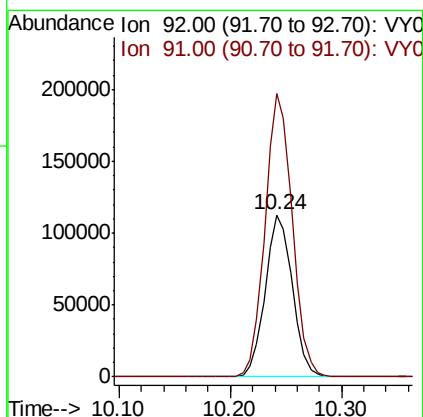
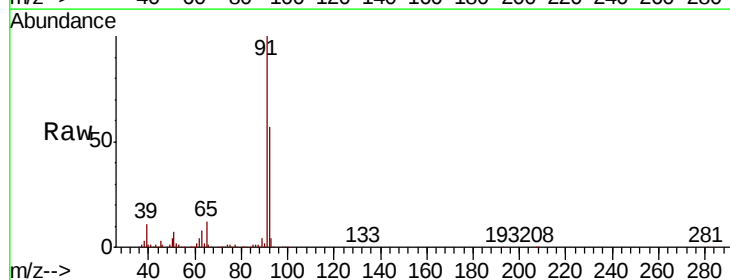
Instrument :
MSVOA_Y
ClientSampleId :
VY0720SBS01

Tot Ion: 43 Resp: 340945
Ion Ratio Lower Upper
43 100
58 38.1 32.7 49.1



#52
Toluene
Concen: 19.898 ug/l
RT: 10.24 min Scan# 1395
Delta R.T. 0.00 min
Lab File: VY003230.D
Acq: 20 Jul 2020 14:40

Tgt Ion: 92 Resp: 191625
Ion Ratio Lower Upper
92 100
91 175.7 139.7 209.5





#53

t-1,3-Dichloropropene

Concen: 20.907 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VY003230.D

Acq: 20 Jul 2020 14:40

Instrument :

MSVOA_Y

ClientSampleId :

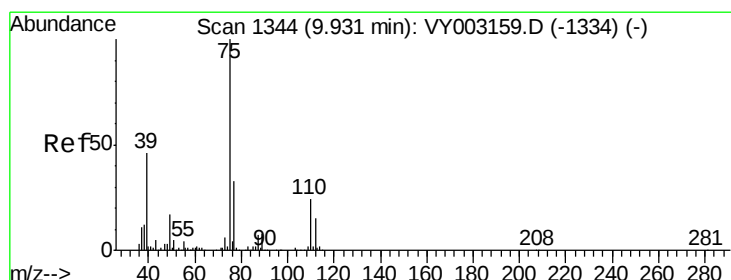
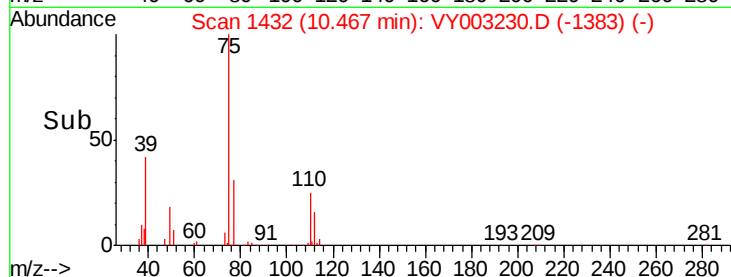
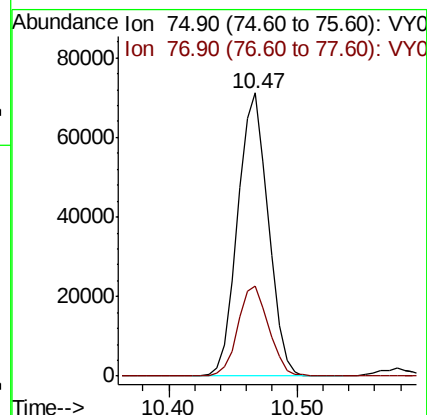
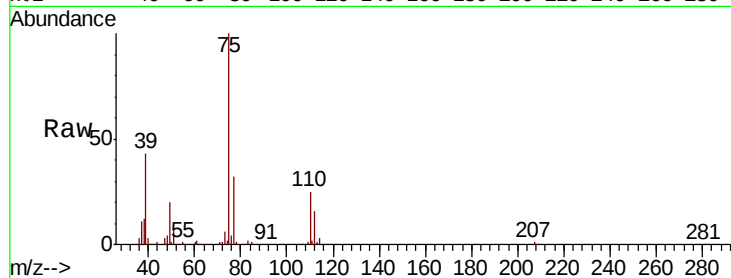
VY0720SBS01

Tot Ion: 75 Resp: 117306

Ion Ratio Lower Upper

75 100

77 31.9 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 20.812 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. 0.00 min

Lab File: VY003230.D

Acq: 20 Jul 2020 14:40

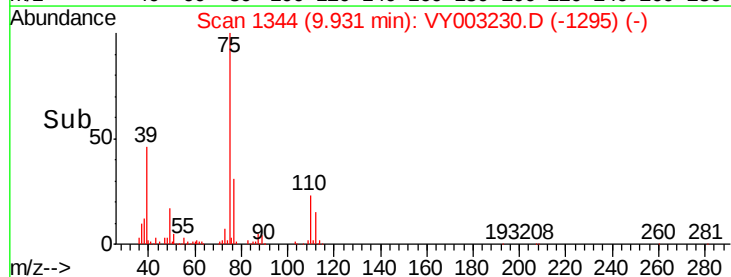
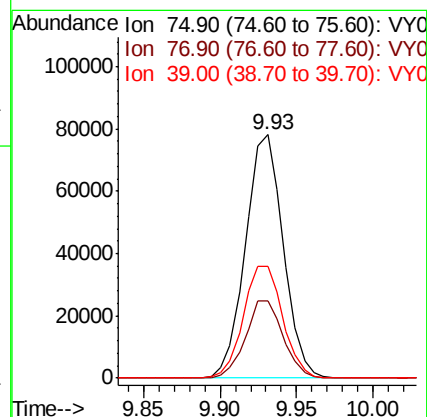
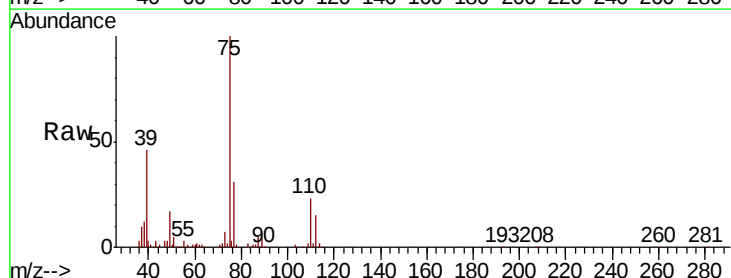
Tgt Ion: 75 Resp: 134547

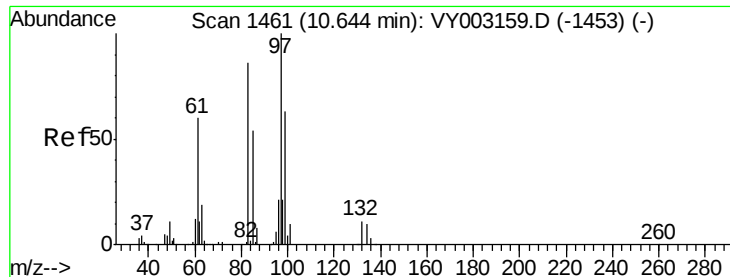
Ion Ratio Lower Upper

75 100

77 31.4 26.7 40.1

39 45.7 37.0 55.6

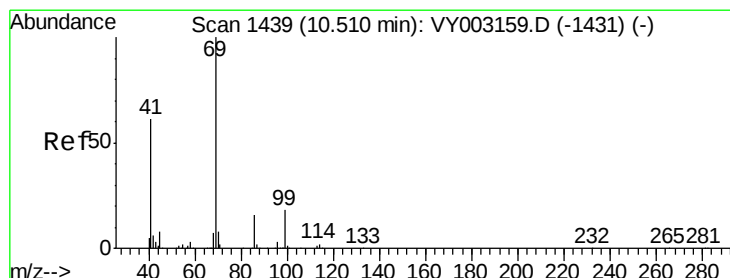
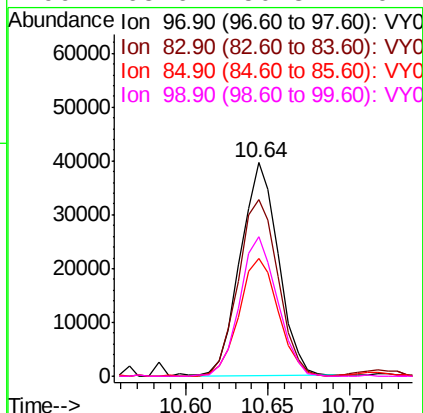
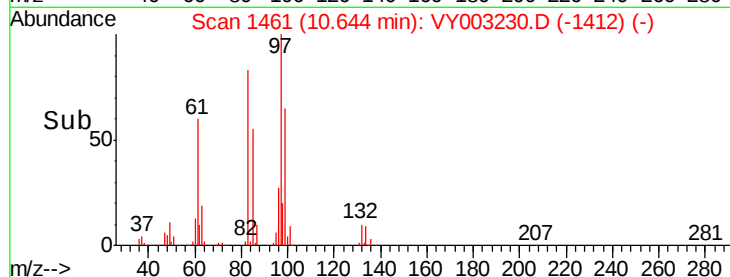
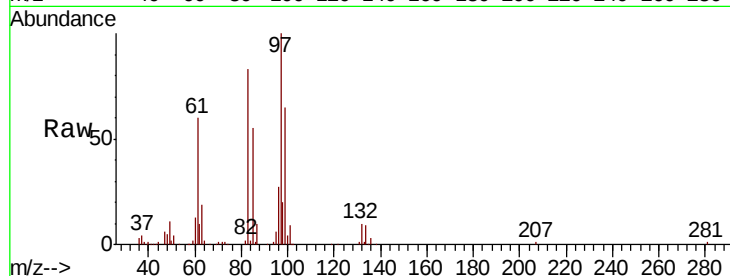




#55
 1,1,2-Trichloroethane
 Concen: 19.968 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY003230.D
 Acq: 20 Jul 2020 14:40

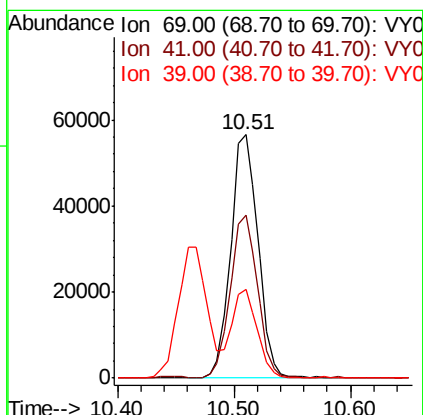
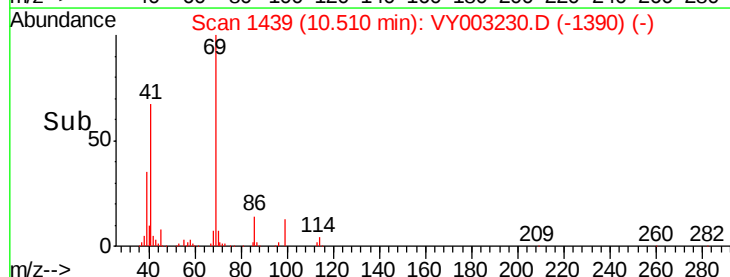
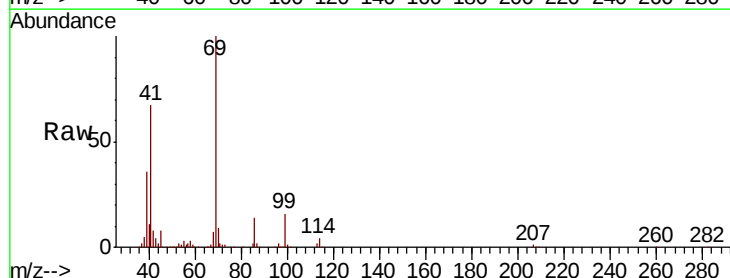
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0720SBS01

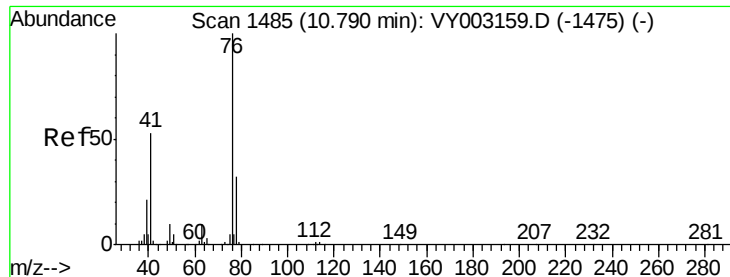
Tot Ion: 97 Resp: 64428
 Ion Ratio Lower Upper
 97 100
 83 82.7 68.8 103.2
 85 55.4 43.1 64.7
 99 65.6 50.8 76.2



#56
 Ethyl methacrylate
 Concen: 21.084 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY003230.D
 Acq: 20 Jul 2020 14:40

Tgt Ion: 69 Resp: 92489
 Ion Ratio Lower Upper
 69 100
 41 66.4 50.0 75.0
 39 34.9 27.6 41.4





#57

1,3-Dichloropropane

Concen: 20.630 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VY003230.D

Acq: 20 Jul 2020 14:40

Instrument :

MSVOA_Y

ClientSampleId :

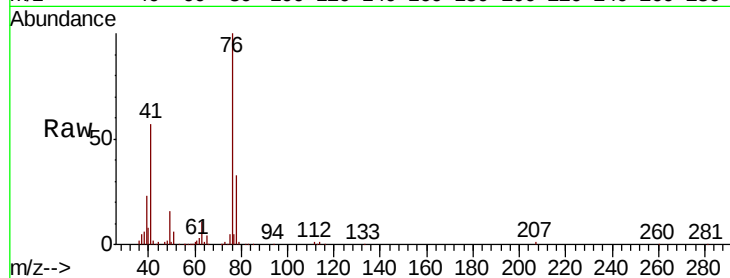
VY0720SBS01

Tot Ion: 76 Resp: 112864

Ion Ratio Lower Upper

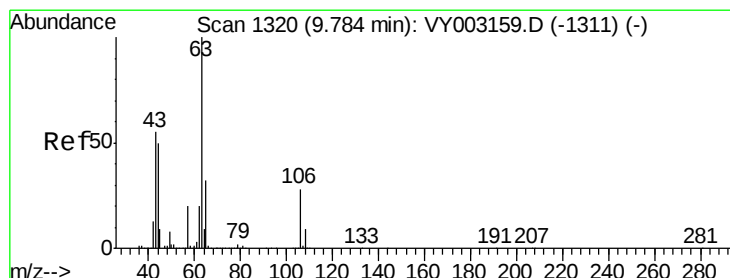
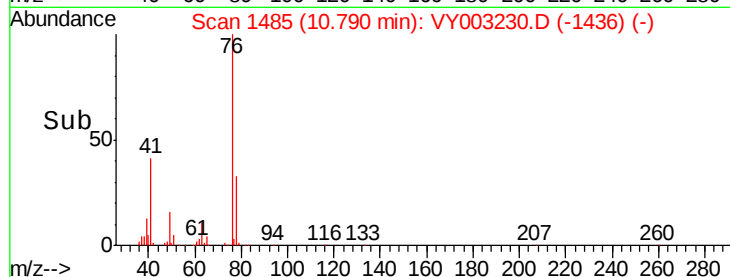
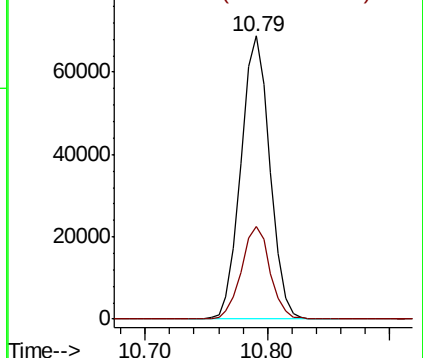
76 100

78 32.4 26.0 39.0



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#58

2-Chloroethyl Vinyl ether

Concen: 114.227 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. 0.00 min

Lab File: VY003230.D

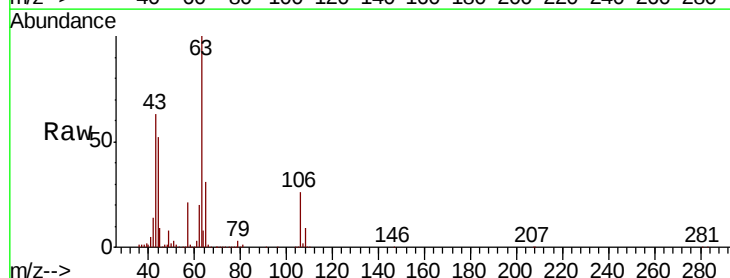
Acq: 20 Jul 2020 14:40

Tgt Ion: 63 Resp: 255552

Ion Ratio Lower Upper

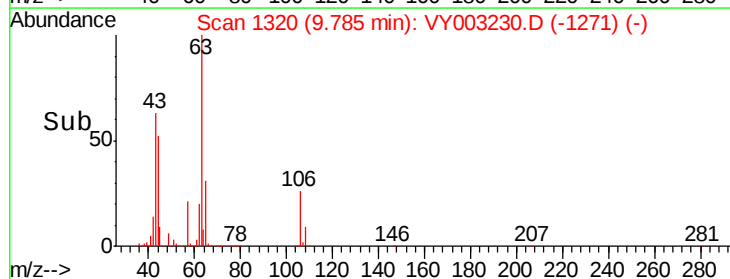
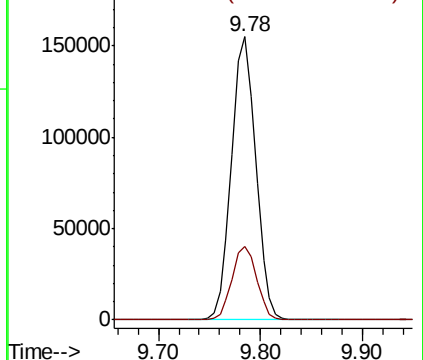
63 100

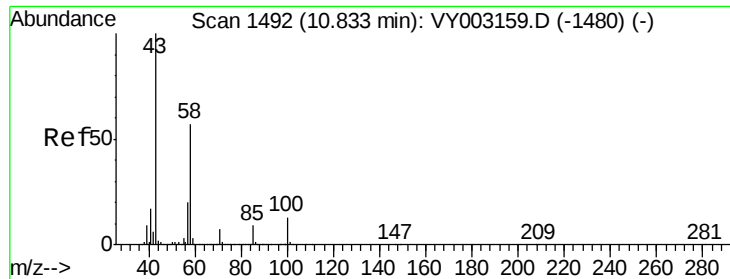
106 26.4 22.9 34.3



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

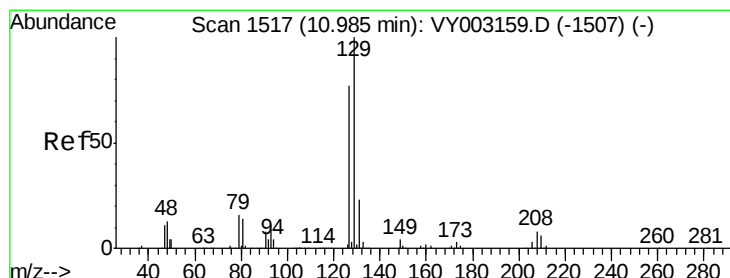
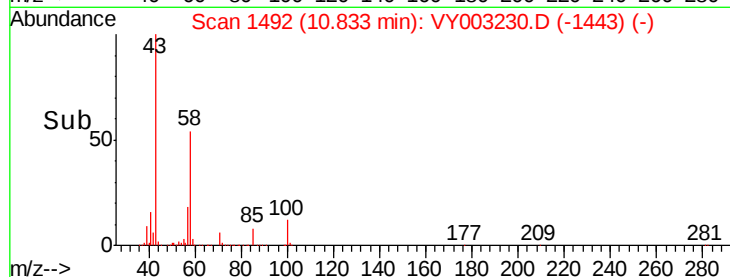
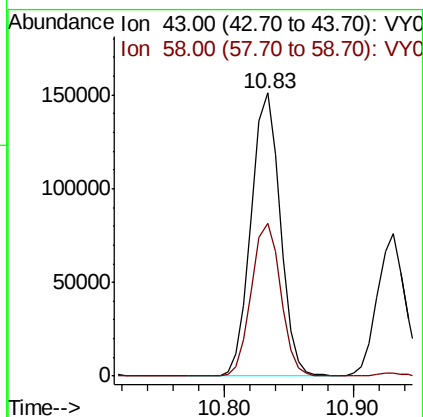
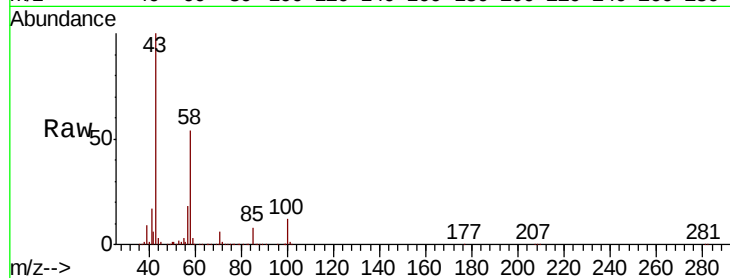




#59
2-Hexanone
Concen: 113.908 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY003230.D
Acq: 20 Jul 2020 14:40

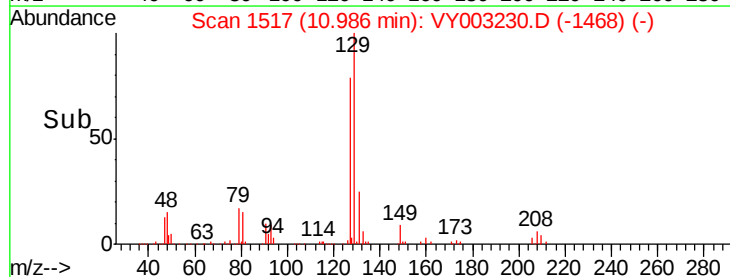
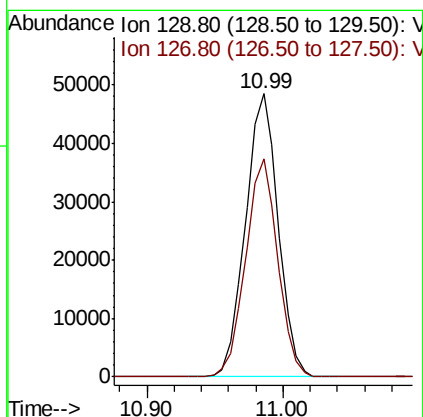
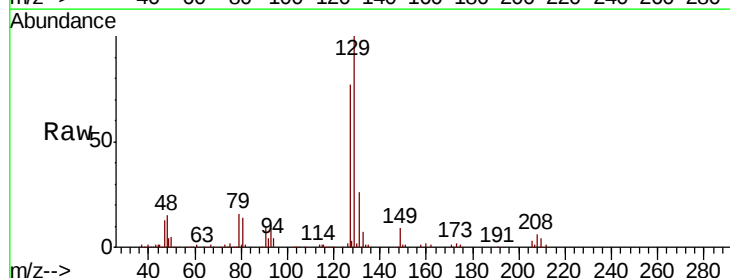
Instrument :
MSVOA_Y
ClientSampleId :
VY0720SBS01

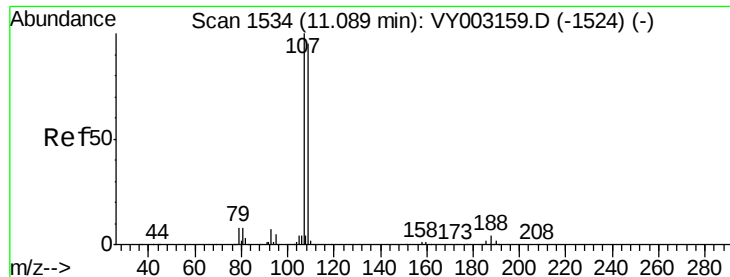
Tot Ion: 43 Resp: 235741
Ion Ratio Lower Upper
43 100
58 54.3 28.3 85.0



#60
Dibromochloromethane
Concen: 20.136 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY003230.D
Acq: 20 Jul 2020 14:40

Tgt Ion: 129 Resp: 81720
Ion Ratio Lower Upper
129 100
127 75.6 38.5 115.5

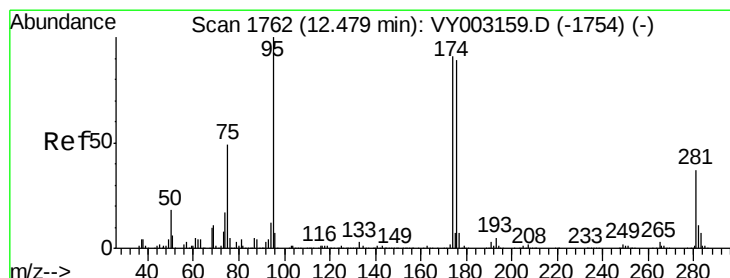
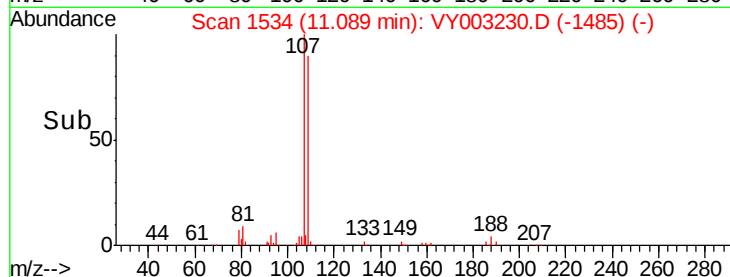
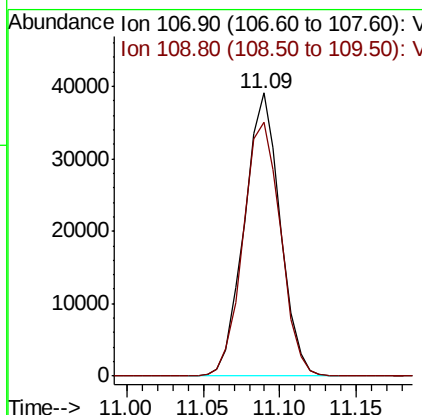
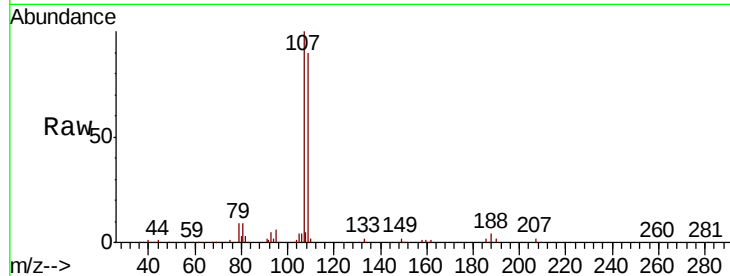




#61
 1,2-Dibromoethane
 Concen: 20.038 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VY003230.D
 Acq: 20 Jul 2020 14:40

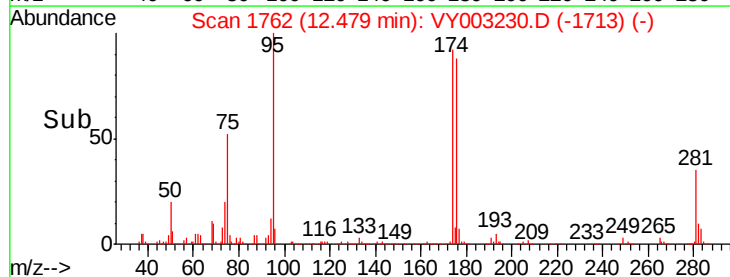
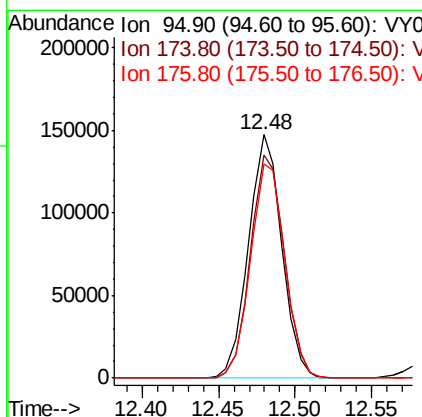
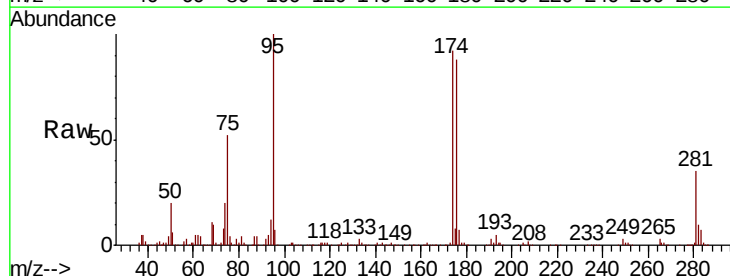
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0720SBS01

Tot Ion:107 Resp: 63812
 Ion Ratio Lower Upper
 107 100
 109 94.0 75.6 113.4



#62
 4-Bromofluorobenzene
 Concen: 47.855 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY003230.D
 Acq: 20 Jul 2020 14:40

Tgt Ion: 95 Resp: 223314
 Ion Ratio Lower Upper
 95 100
 174 93.8 0.0 190.6
 176 90.9 0.0 186.4

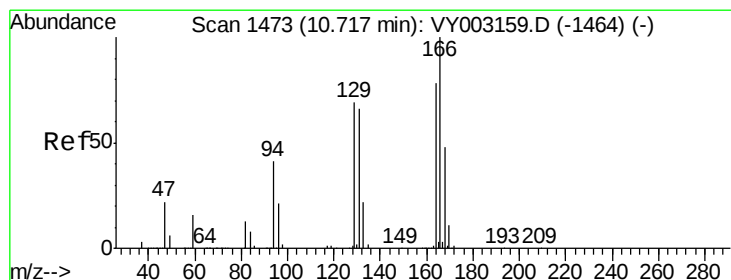
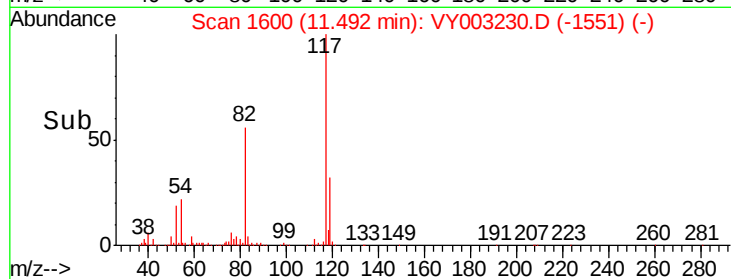
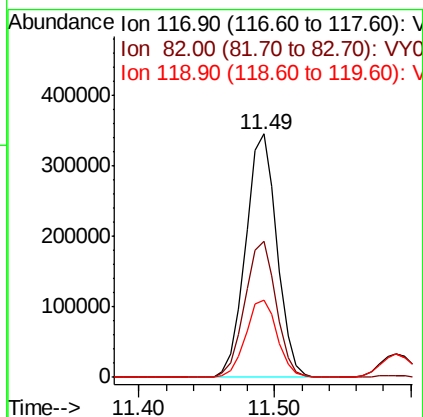
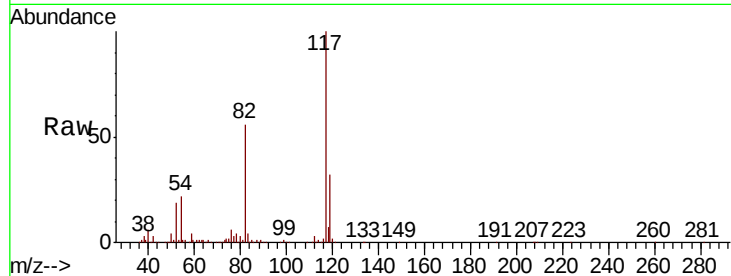




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY003230.D
Acq: 20 Jul 2020 14:40

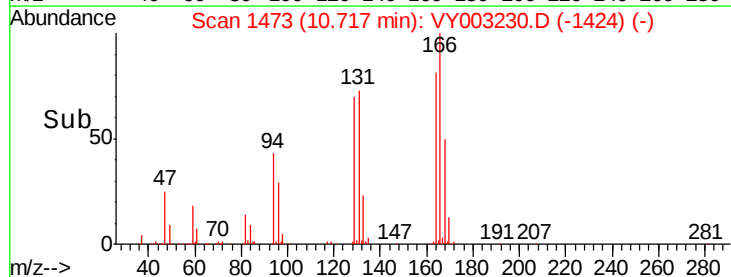
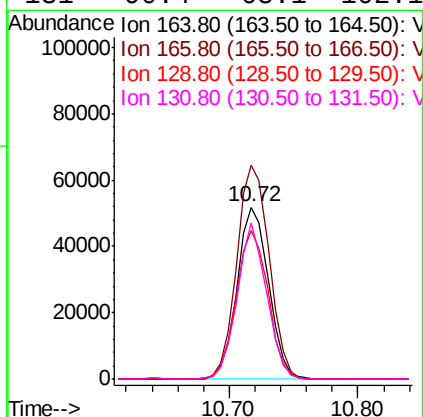
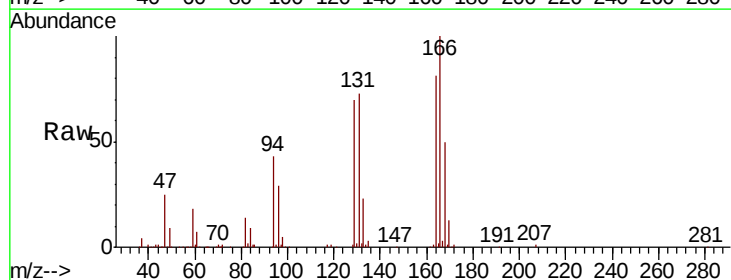
Instrument :
MSVOA_Y
ClientSampleId :
VY0720SBS01

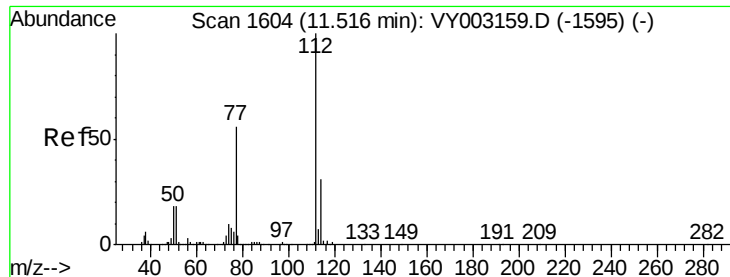
Tot Ion:117 Resp: 556633
Ion Ratio Lower Upper
117 100
82 55.8 42.0 63.0
119 31.9 25.5 38.3



#64
Tetrachloroethene
Concen: 17.665 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY003230.D
Acq: 20 Jul 2020 14:40

Tgt Ion:164 Resp: 87675
Ion Ratio Lower Upper
164 100
166 124.1 102.9 154.3
129 86.6 71.4 107.2
131 90.4 68.1 102.1





#65

Chlorobenzene

Concen: 19.896 ug/l

RT: 11.52 min Scan# 1604

Delta R.T. 0.00 min

Lab File: VY003230.D

Acq: 20 Jul 2020 14:40

Instrument :

MSVOA_Y

ClientSampled :

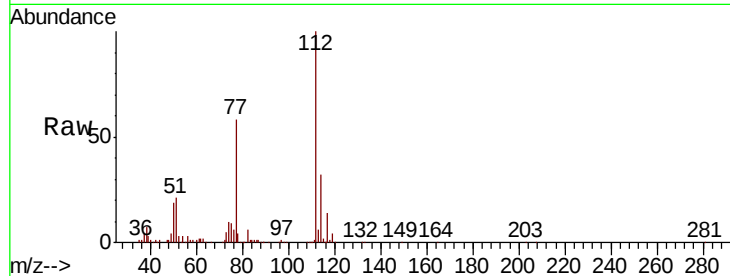
VY0720SBS01

Tot Ion:112 Resp: 213346

Ion Ratio Lower Upper

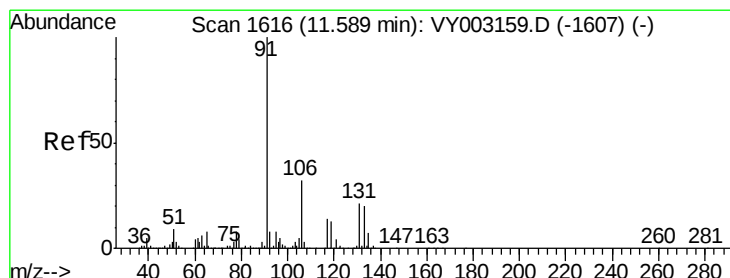
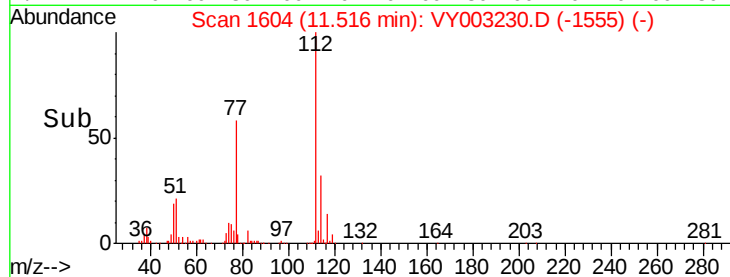
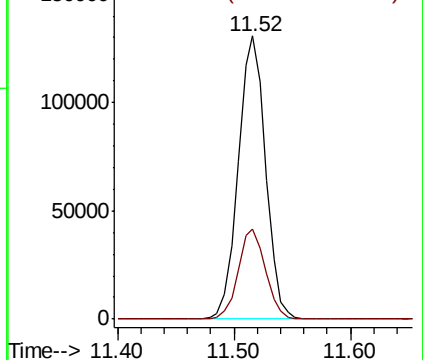
112 100

114 31.9 24.7 37.1



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 19.543 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. 0.00 min

Lab File: VY003230.D

Acq: 20 Jul 2020 14:40

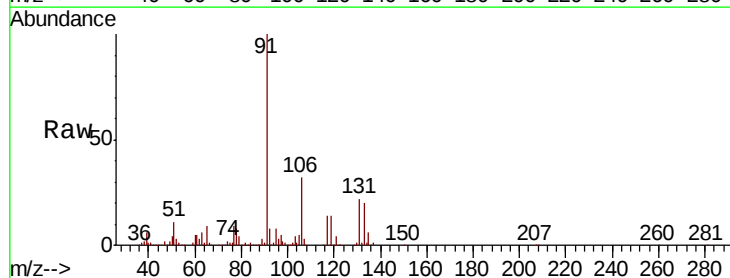
Tgt Ion:131 Resp: 81392

Ion Ratio Lower Upper

131 100

133 95.0 48.0 144.0

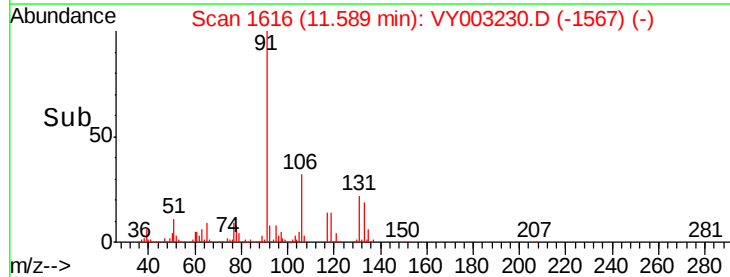
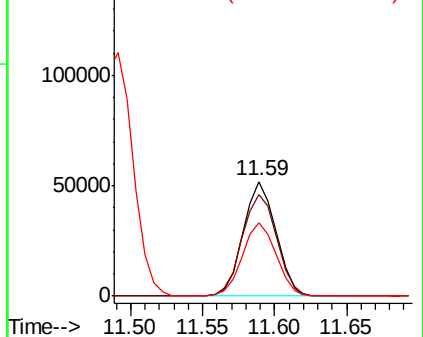
119 65.9 32.4 97.0

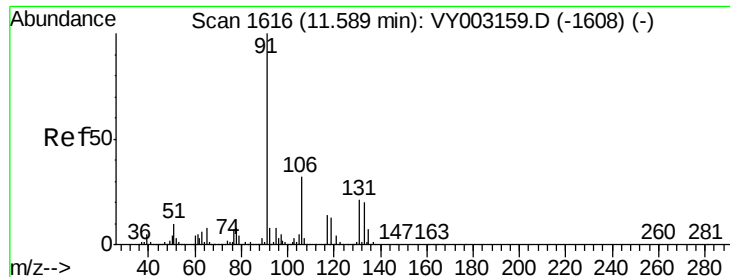


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

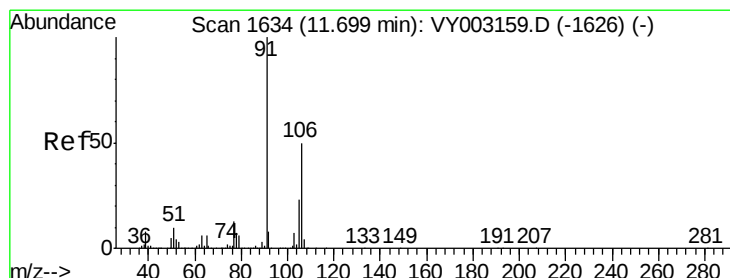
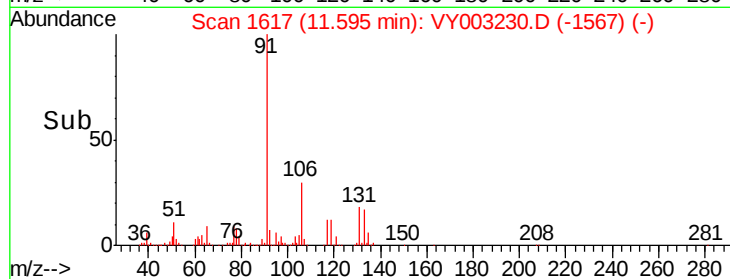
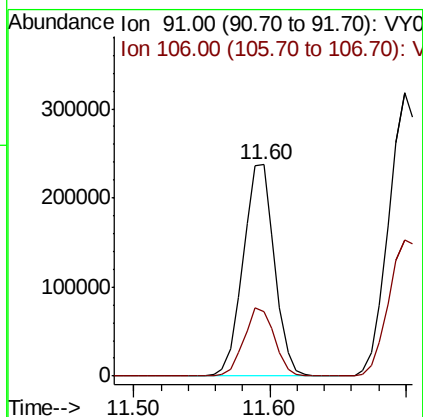
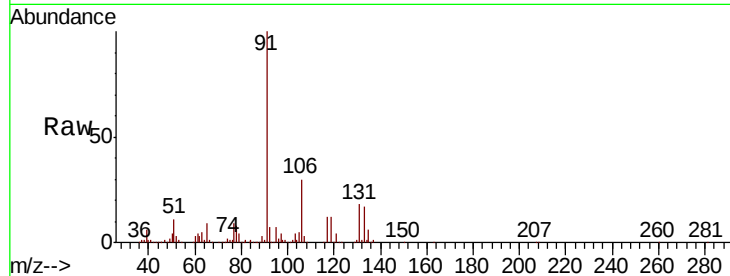




#67
Ethyl Benzene
Concen: 19.896 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. 0.01 min
Lab File: VY003230.D
Acq: 20 Jul 2020 14:40

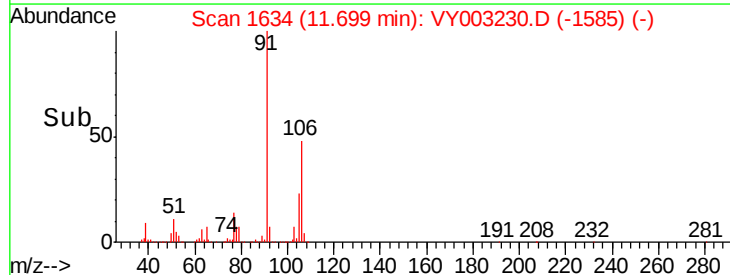
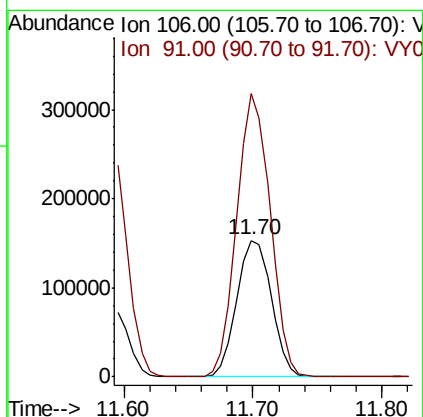
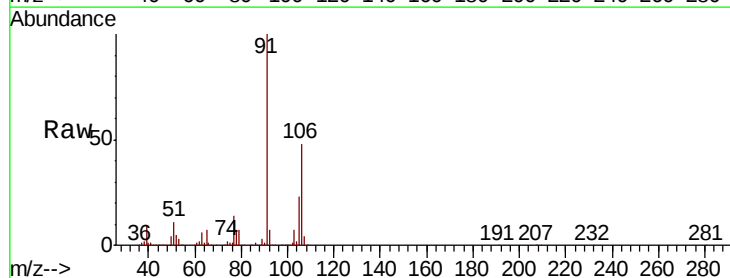
Instrument :
MSVOA_Y
ClientSampleId :
VY0720SBS01

Tot Ion: 91 Resp: 380929
Ion Ratio Lower Upper
91 100
106 30.5 25.5 38.3



#68
m/p-Xylenes
Concen: 39.428 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VY003230.D
Acq: 20 Jul 2020 14:40

Tgt Ion: 106 Resp: 286433
Ion Ratio Lower Upper
106 100
91 200.4 159.0 238.6

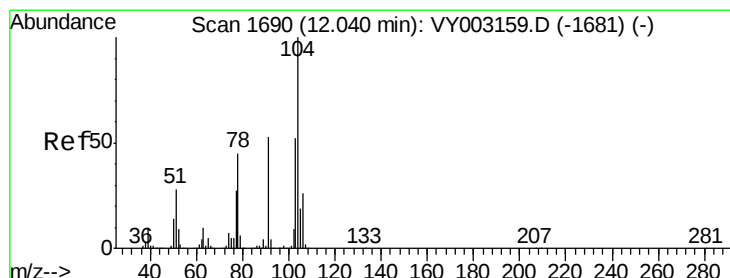
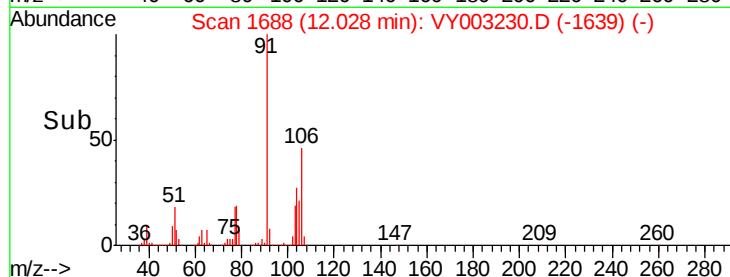
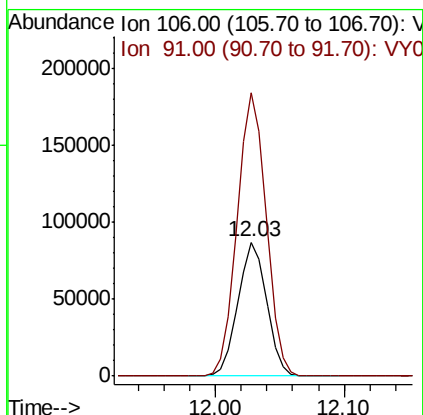
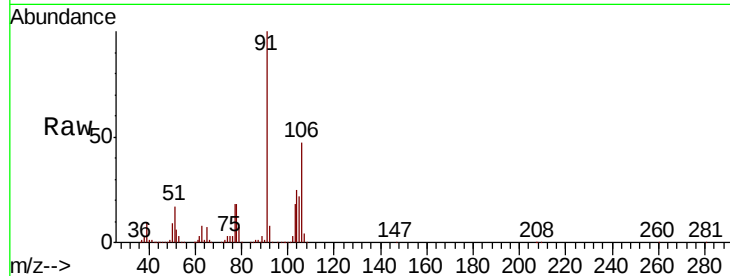




#69
o-Xylene
Concen: 19.711 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY003230.D
Acq: 20 Jul 2020 14:40

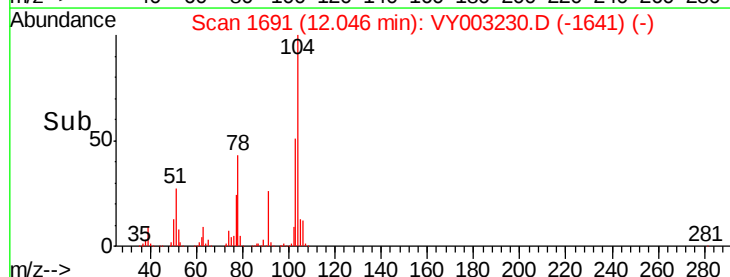
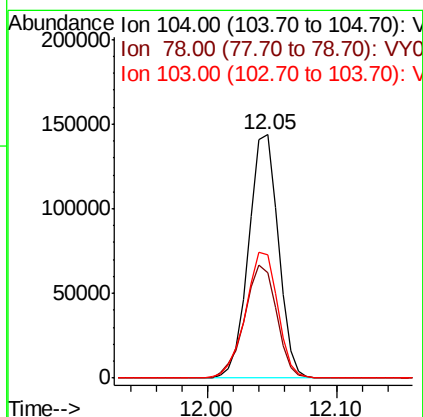
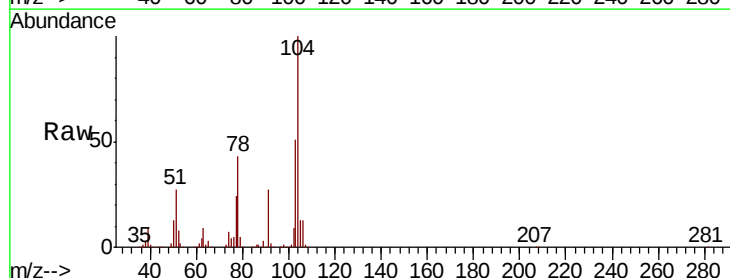
Instrument :
MSVOA_Y
ClientSampleId :
VY0720SBS01

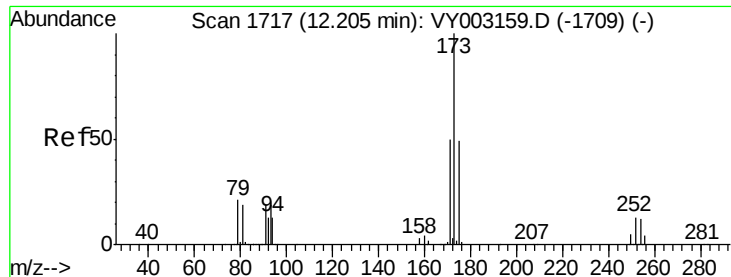
Tot Ion:106 Resp: 133774
Ion Ratio Lower Upper
106 100
91 215.2 105.1 315.1



#70
Styrene
Concen: 19.689 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.01 min
Lab File: VY003230.D
Acq: 20 Jul 2020 14:40

Tgt Ion:104 Resp: 228583
Ion Ratio Lower Upper
104 100
78 50.4 38.5 57.7
103 56.1 43.9 65.9





#71

Bromoform

Concen: 19.425 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VY003230.D

Acq: 20 Jul 2020 14:40

Instrument :

MSVOA_Y

ClientSampleId :

VY0720SBS01

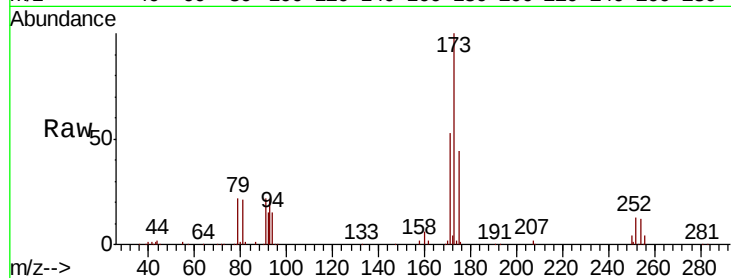
Tot Ion:173 Resp: 53098

Ion Ratio Lower Upper

173 100

175 49.2 24.3 73.0

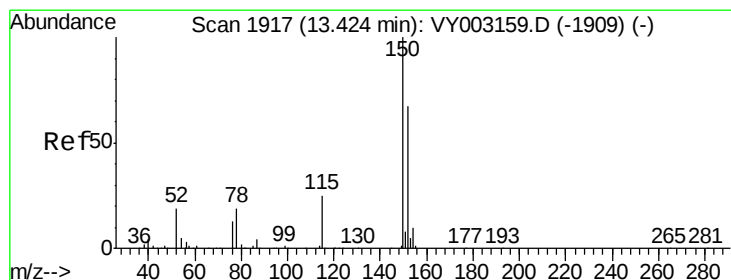
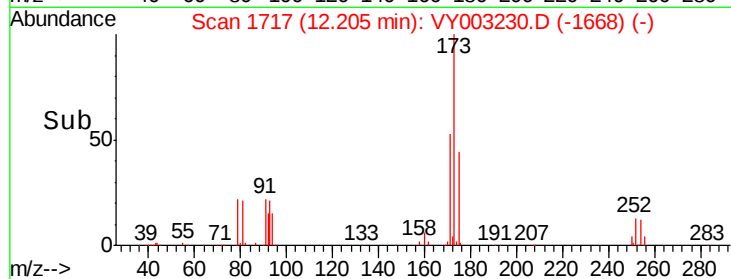
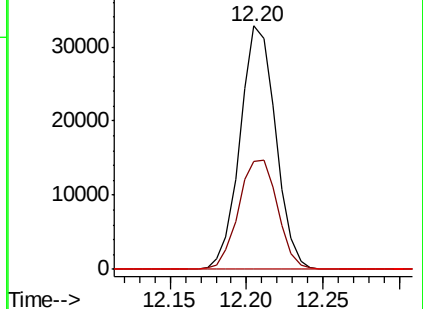
254 0.0 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. 0.00 min

Lab File: VY003230.D

Acq: 20 Jul 2020 14:40

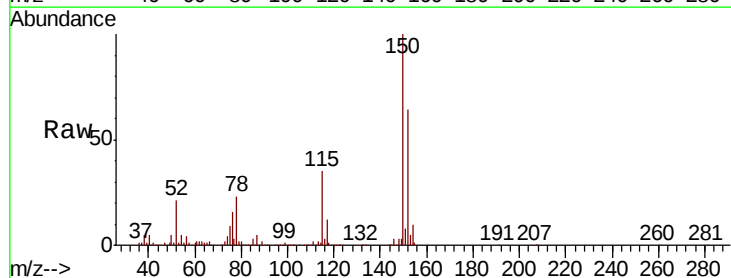
Tgt Ion:152 Resp: 299069

Ion Ratio Lower Upper

152 100

115 54.2 26.9 80.7

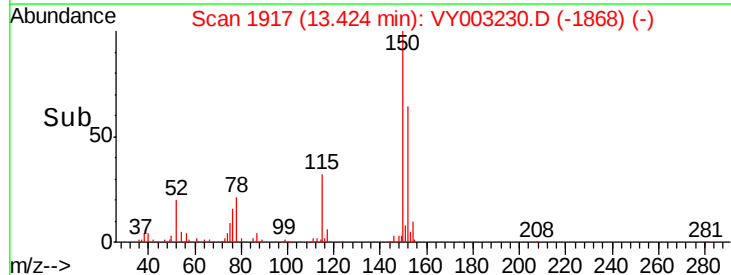
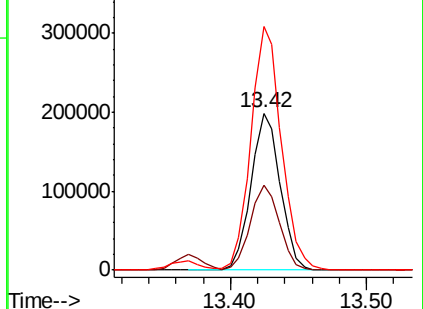
150 162.3 0.0 338.0

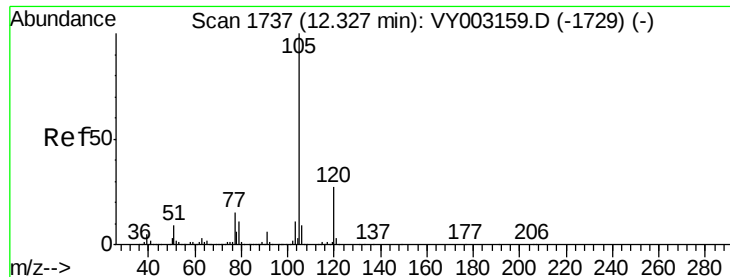


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.528 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY003230.D

Acq: 20 Jul 2020 14:40

Instrument :

MSVOA_Y

ClientSampleId :

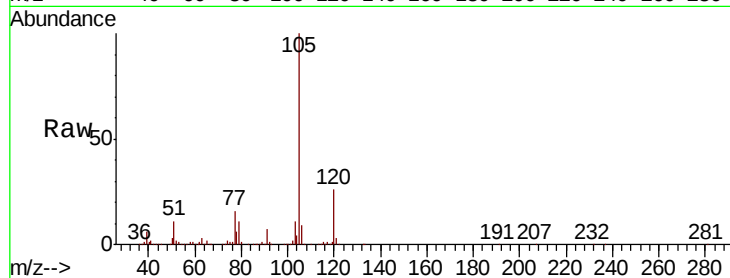
VY0720SBS01

Tot Ion:105 Resp: 372173

Ion Ratio Lower Upper

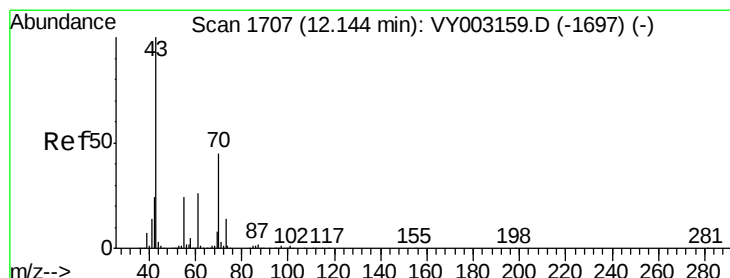
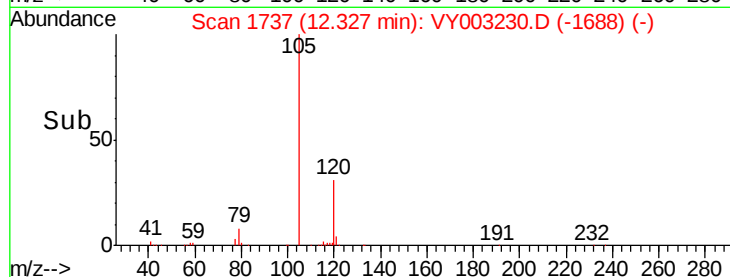
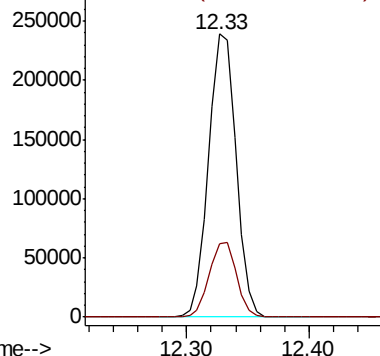
105 100

120 26.4 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: 22.093 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VY003230.D

Acq: 20 Jul 2020 14:40

Tgt Ion: 43 Resp: 118147

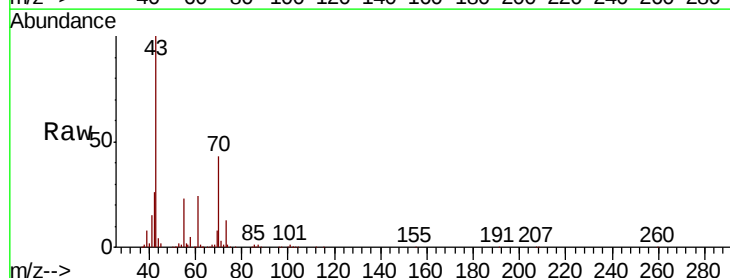
Ion Ratio Lower Upper

43 100

70 40.6 35.6 53.4

55 24.2 19.4 29.2

61 24.4 20.8 31.2

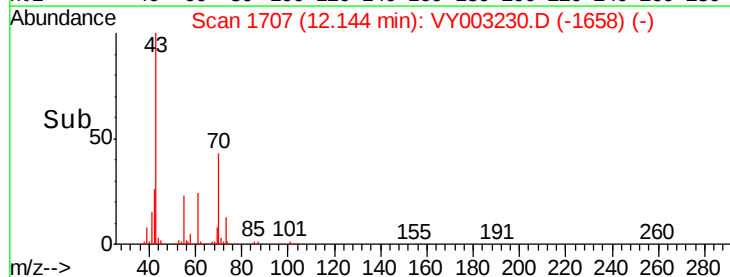
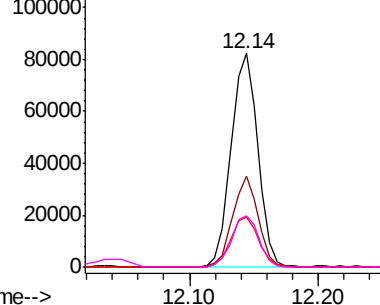


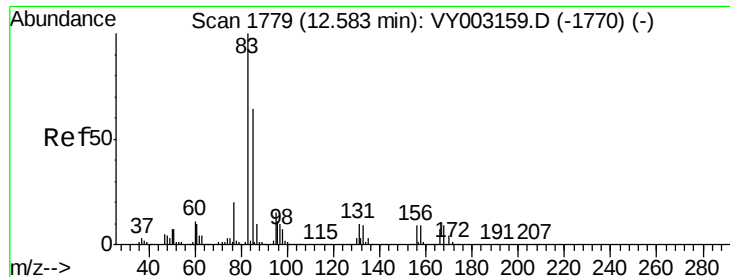
Abundance Ion 43.00 (42.70 to 43.70): VY0

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: 21.277 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY003230.D

Acq: 20 Jul 2020 14:40

Instrument :

MSVOA_Y

ClientSampleId :

VY0720SBS01

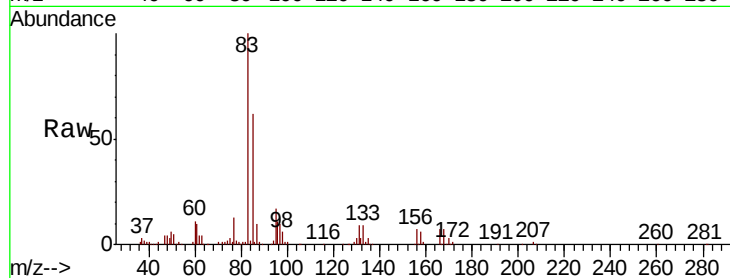
Tot Ion: 83 Resp: 78317

Ion Ratio Lower Upper

83 100

131 9.9 5.2 15.6

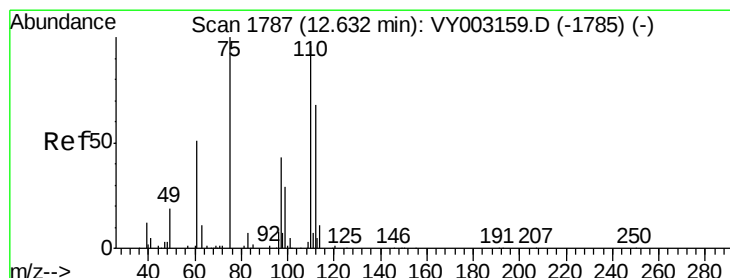
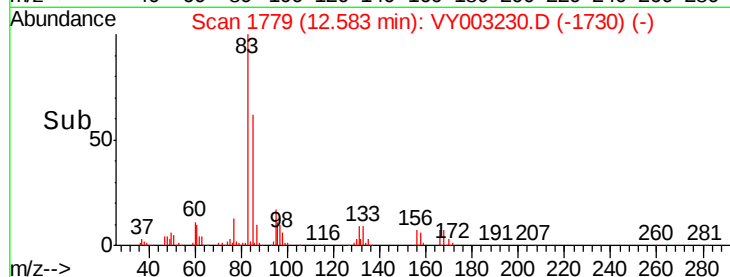
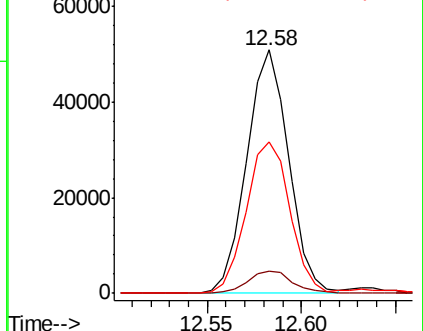
85 65.4 32.0 96.0



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: 40.086 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. 0.00 min

Lab File: VY003230.D

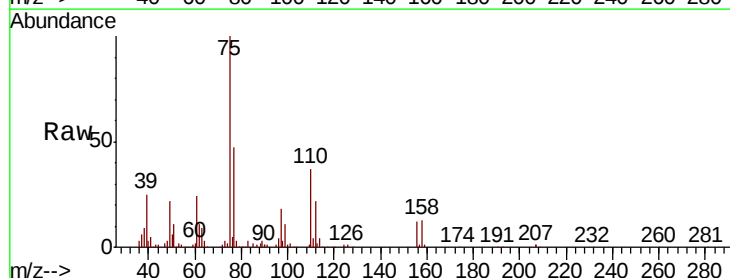
Acq: 20 Jul 2020 14:40

Tgt Ion: 75 Resp: 106119

Ion Ratio Lower Upper

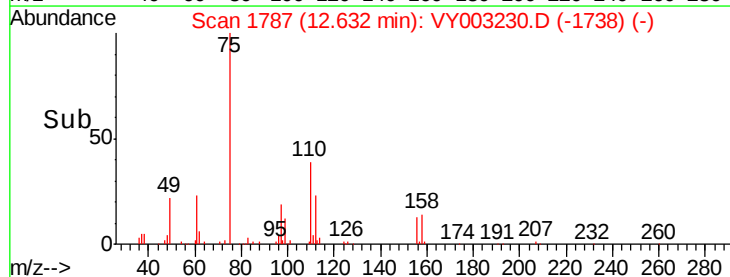
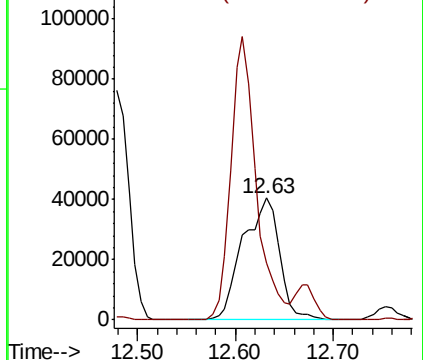
75 100

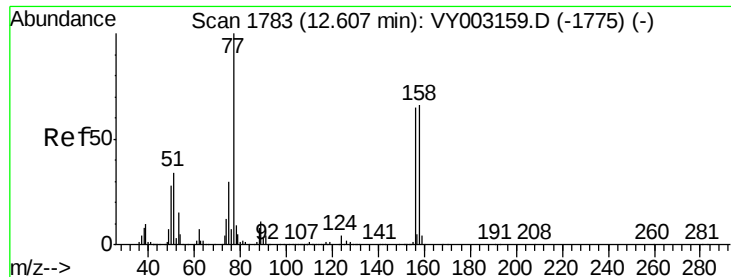
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 19.436 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY003230.D

Acq: 20 Jul 2020 14:40

Instrument :

MSVOA_Y

ClientSampleId :

VY0720SBS01

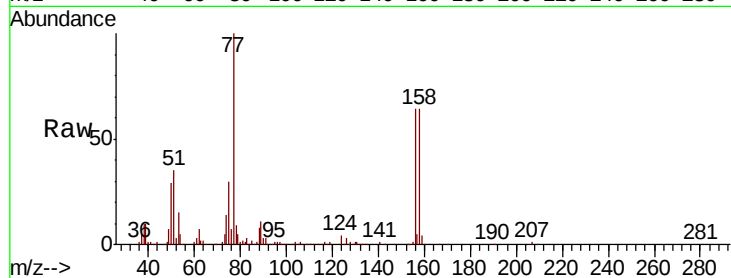
Tot Ion:156 Resp: 94423

Ion Ratio Lower Upper

156 100

77 180.1 86.6 259.7

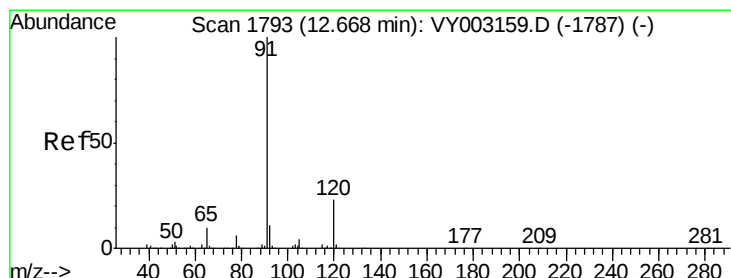
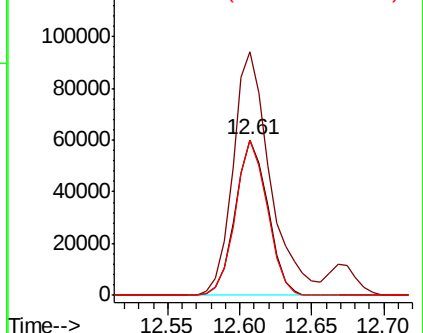
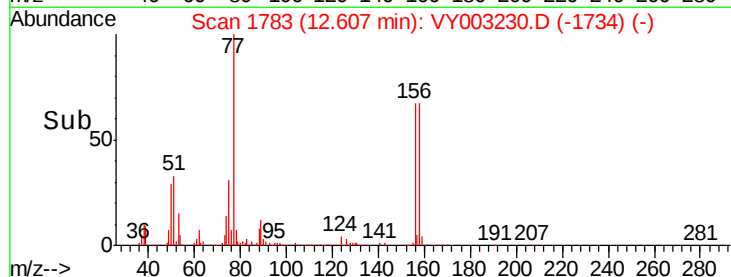
158 97.5 49.4 148.0



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: 19.896 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. 0.01 min

Lab File: VY003230.D

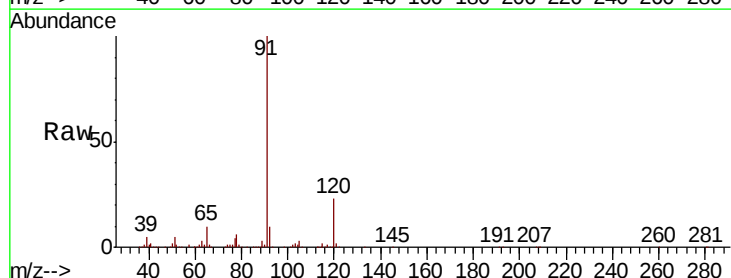
Acq: 20 Jul 2020 14:40

Tgt Ion: 91 Resp: 446967

Ion Ratio Lower Upper

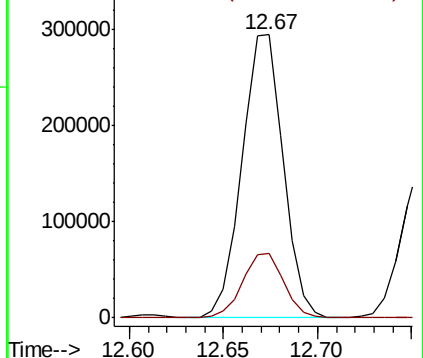
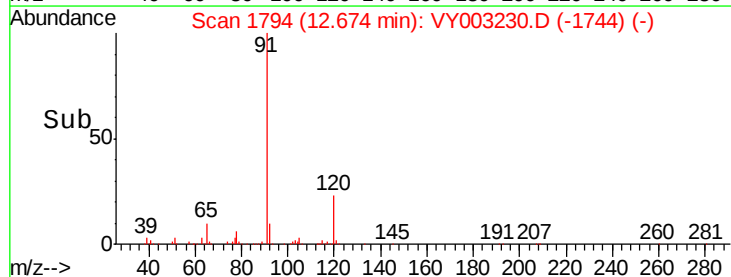
91 100

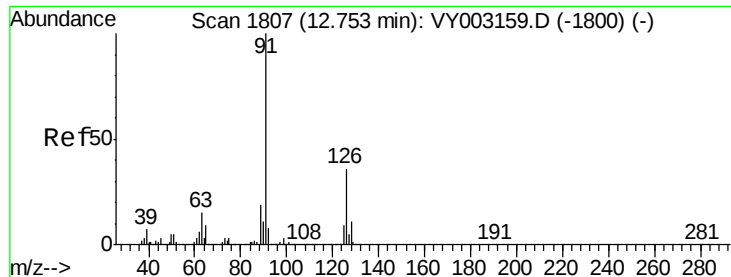
120 23.0 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

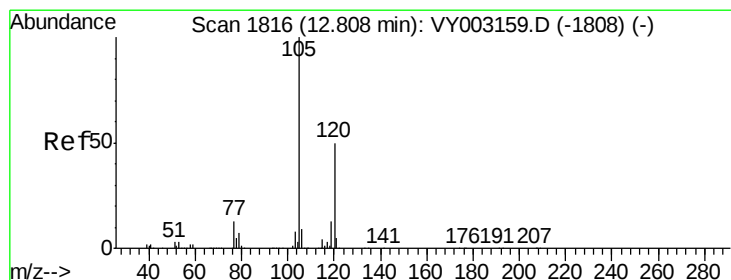
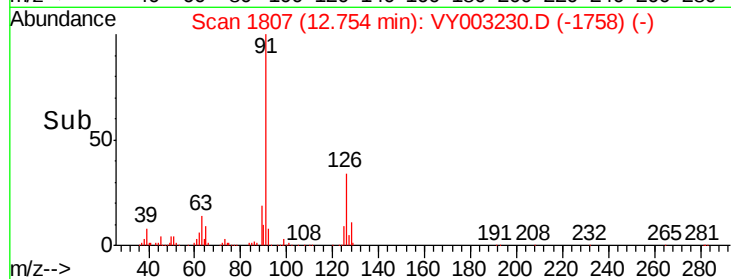
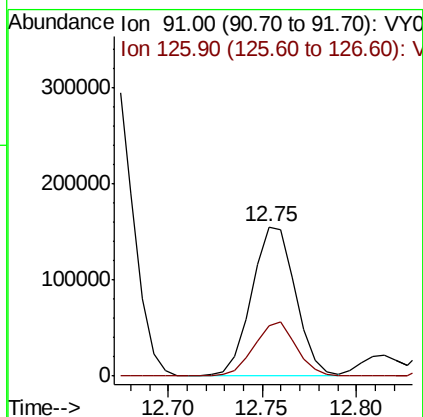
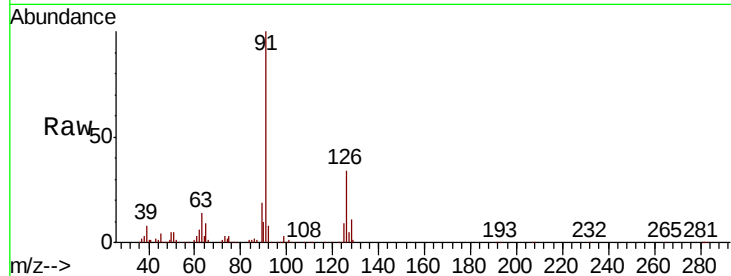




#79
 2-Chlorotoluene
 Concen: 19.946 ug/l
 RT: 12.75 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VY003230.D
 Acq: 20 Jul 2020 14:40

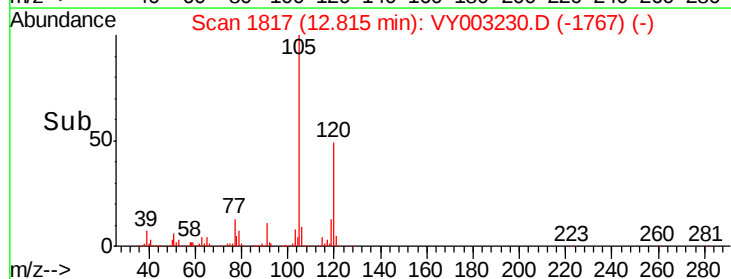
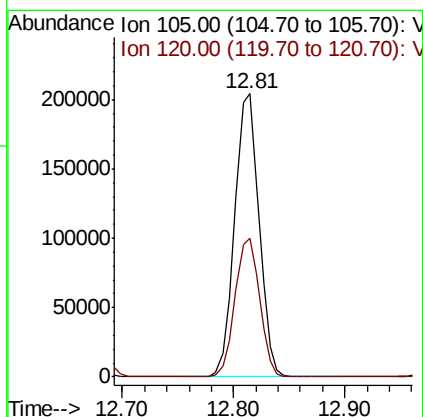
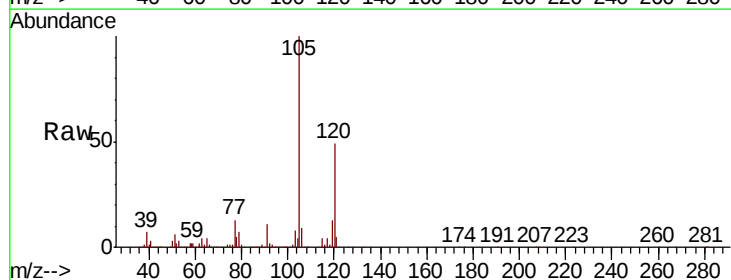
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0720SBS01

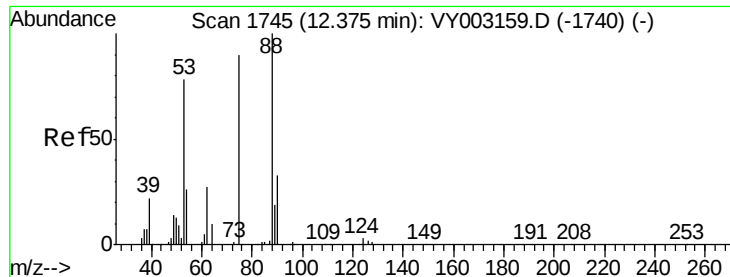
Tot Ion: 91 Resp: 250005
 Ion Ratio Lower Upper
 91 100
 126 34.9 17.6 52.9



#80
 1,3,5-Trimethylbenzene
 Concen: 19.485 ug/l
 RT: 12.81 min Scan# 1817
 Delta R.T. 0.01 min
 Lab File: VY003230.D
 Acq: 20 Jul 2020 14:40

Tgt Ion: 105 Resp: 309514
 Ion Ratio Lower Upper
 105 100
 120 49.6 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 20.744 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. 0.01 min

Lab File: VY003230.D

Acq: 20 Jul 2020 14:40

Instrument :

MSVOA_Y

ClientSampleId :

VY0720SBS01

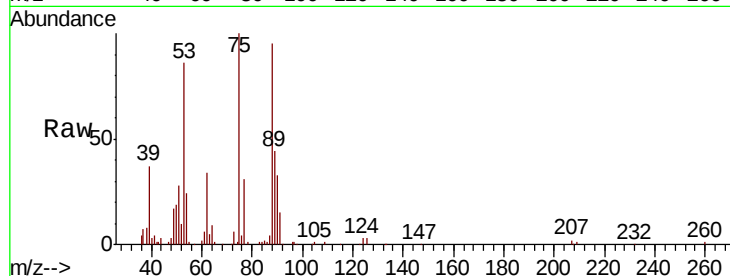
Tot Ion: 75 Resp: 28217

Ion Ratio Lower Upper

75 100

53 93.1 72.0 108.0

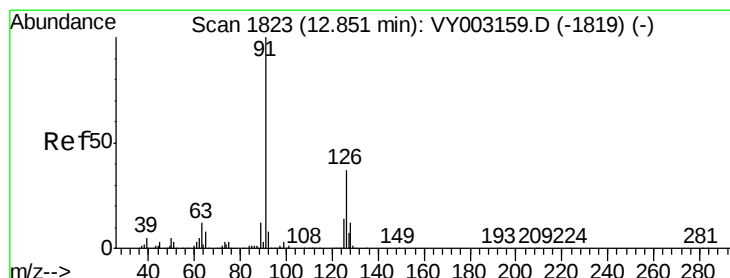
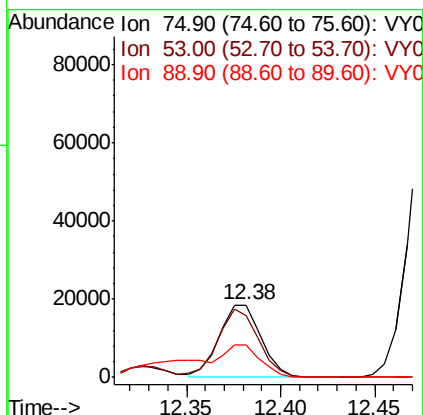
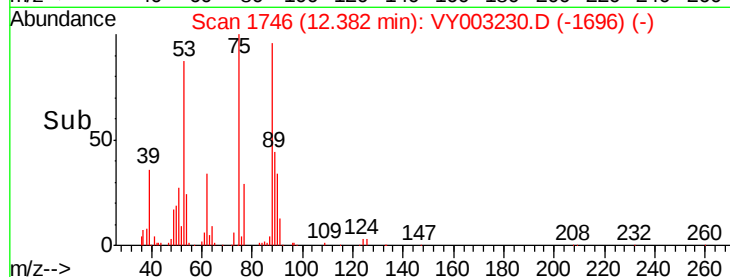
89 81.5 37.3 55.9#



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0



#82

4-Chlorotoluene

Concen: 20.325 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. 0.00 min

Lab File: VY003230.D

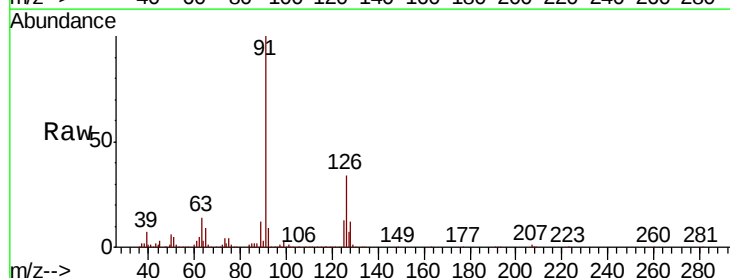
Acq: 20 Jul 2020 14:40

Tgt Ion: 91 Resp: 265909

Ion Ratio Lower Upper

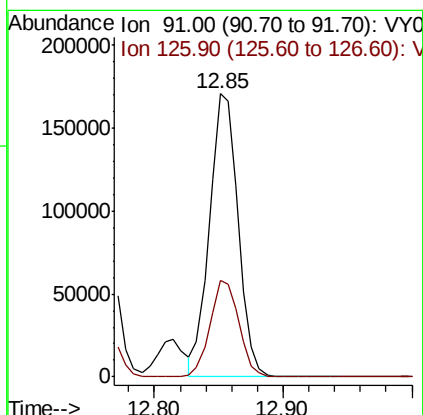
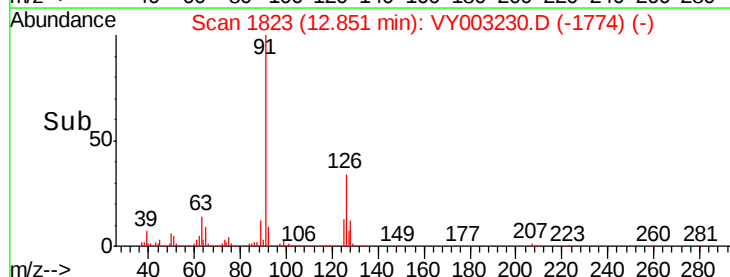
91 100

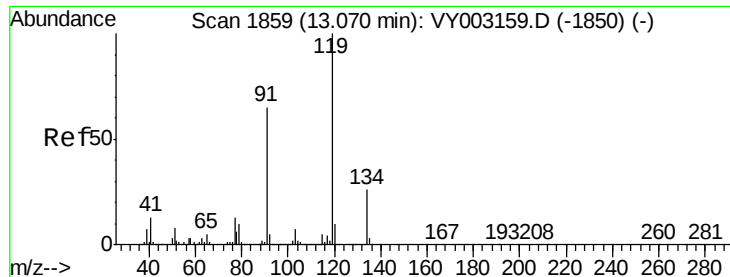
126 34.3 17.9 53.7



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V

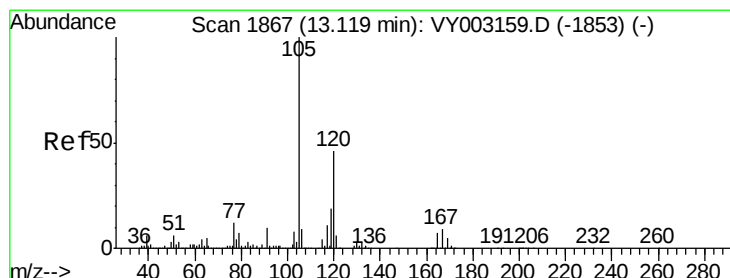
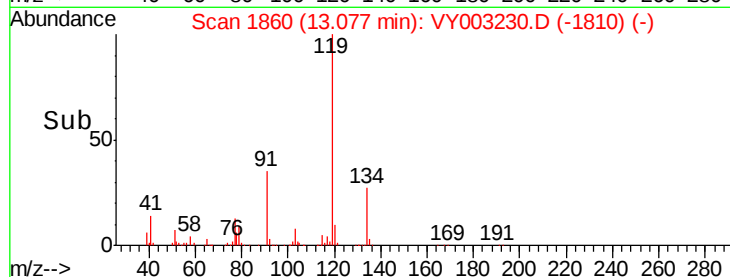
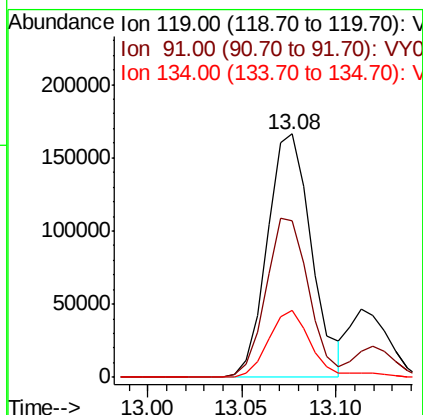
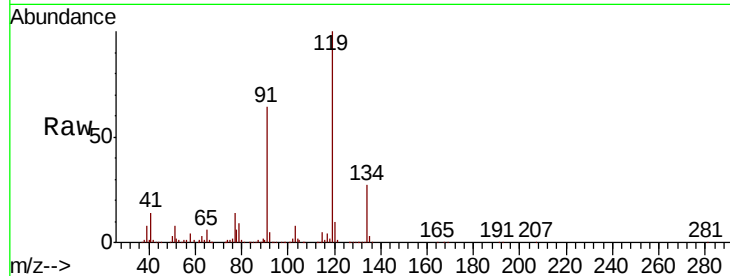




#83
tert-Butylbenzene
Concen: 19.336 ug/l
RT: 13.08 min Scan# 1860
Delta R.T. 0.01 min
Lab File: VY003230.D
Acq: 20 Jul 2020 14:40

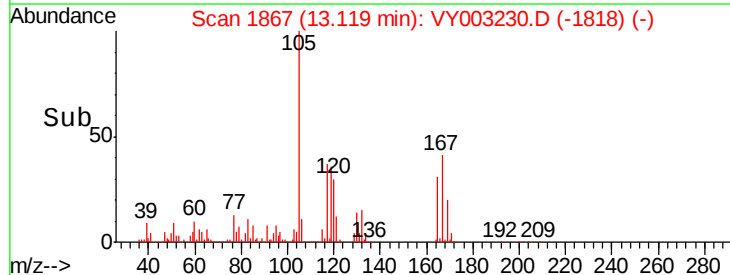
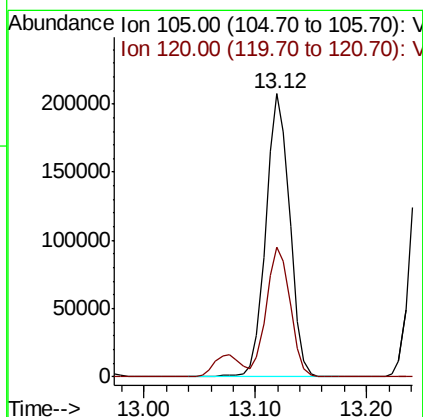
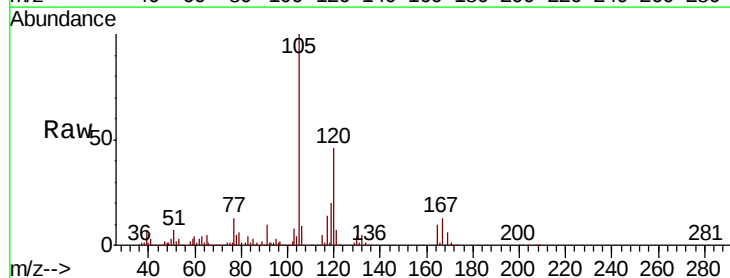
Instrument :
MSVOA_Y
ClientSampleId :
VY0720SBS01

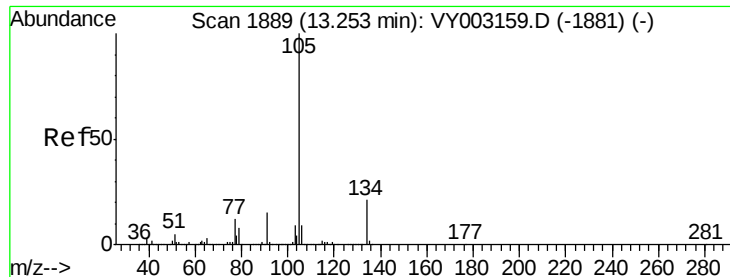
Tot Ion:119 Resp: 271013
Ion Ratio Lower Upper
119 100
91 63.0 30.8 92.4
134 27.0 13.2 39.6



#84
1,2,4-Trimethylbenzene
Concen: 19.499 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VY003230.D
Acq: 20 Jul 2020 14:40

Tgt Ion:105 Resp: 311645
Ion Ratio Lower Upper
105 100
120 45.6 22.5 67.5





#85

sec-Butylbenzene

Concen: 19.858 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VY003230.D

Acq: 20 Jul 2020 14:40

Instrument :

MSVOA_Y

ClientSampleId :

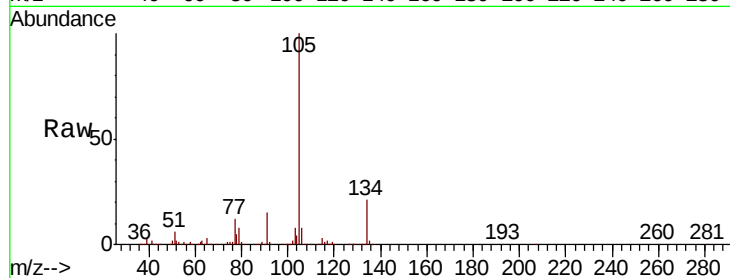
VY0720SBS01

Tot Ion:105 Resp: 382556

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

13.25

250000

200000

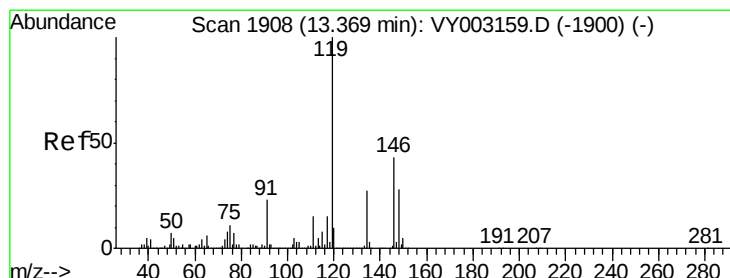
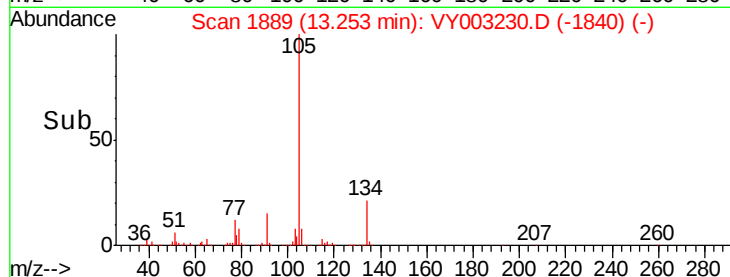
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 19.407 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY003230.D

Acq: 20 Jul 2020 14:40

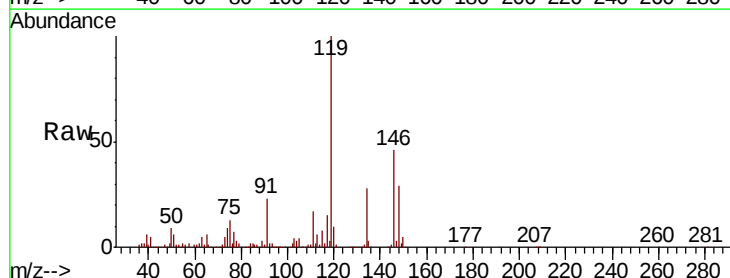
Tgt Ion:119 Resp: 349082

Ion Ratio Lower Upper

119 100

134 27.3 13.4 40.2

91 22.9 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

13.37

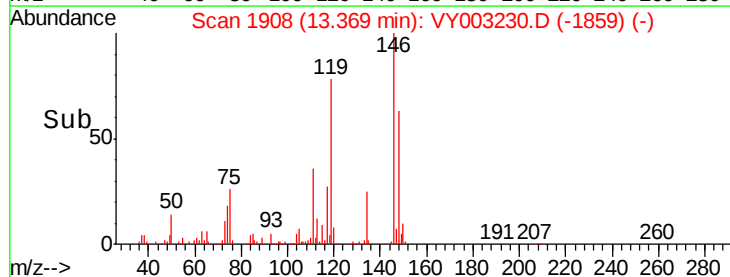
300000

200000

100000

0

Time-->





#87

1,3-Dichlorobenzene

Concen: 19.419 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.01 min

Lab File: VY003230.D

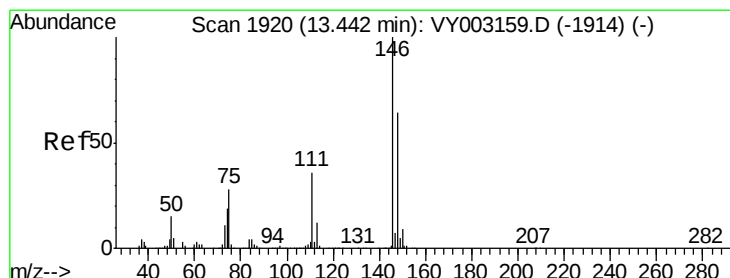
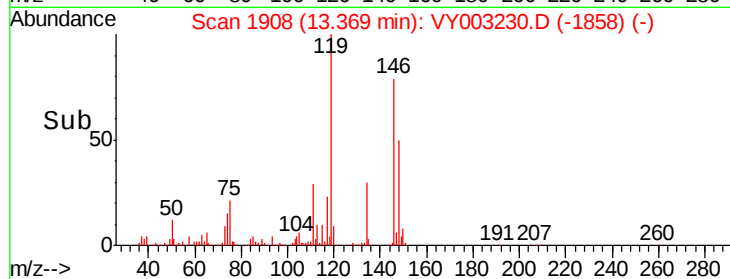
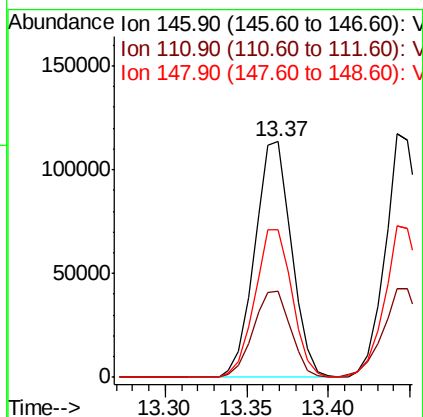
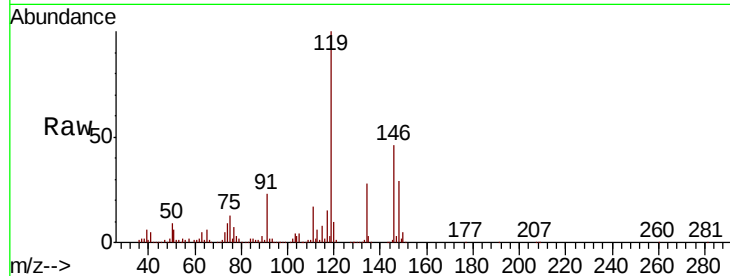
Acq: 20 Jul 2020 14:40

Instrument :
MSVOA_Y

ClientSampleId :
VY0720SBS01

Tot Ion:146 Resp: 178400

Ion	Ratio	Lower	Upper
146	100		
111	37.2	18.8	56.3
148	63.4	32.3	96.9



#88

1,4-Dichlorobenzene

Concen: 19.590 ug/l

RT: 13.44 min Scan# 1920

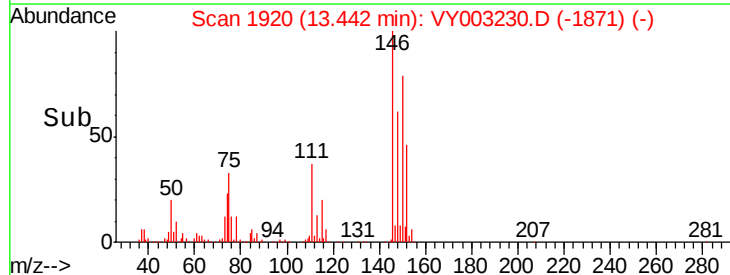
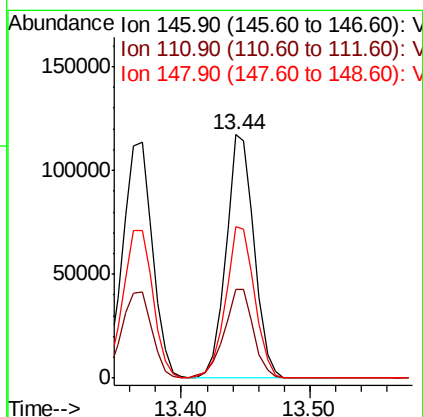
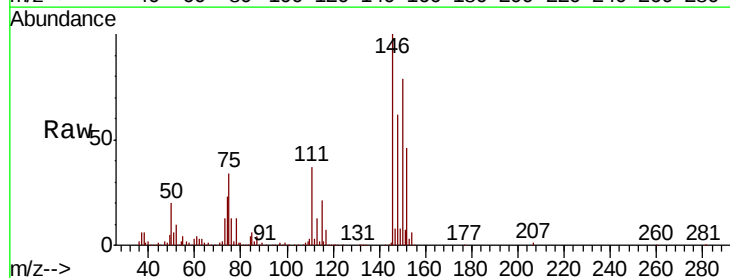
Delta R.T. 0.00 min

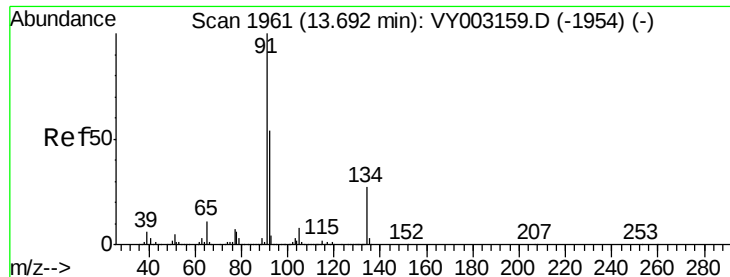
Lab File: VY003230.D

Acq: 20 Jul 2020 14:40

Tgt Ion:146 Resp: 178186

Ion	Ratio	Lower	Upper
146	100		
111	38.5	18.4	55.0
148	64.2	32.0	96.0





#89

n-Butylbenzene

Concen: 20.068 ug/l

RT: 13.70 min Scan# 1962

Delta R.T. 0.01 min

Lab File: VY003230.D

Acq: 20 Jul 2020 14:40

Instrument :

MSVOA_Y

ClientSampleId :

VY0720SBS01

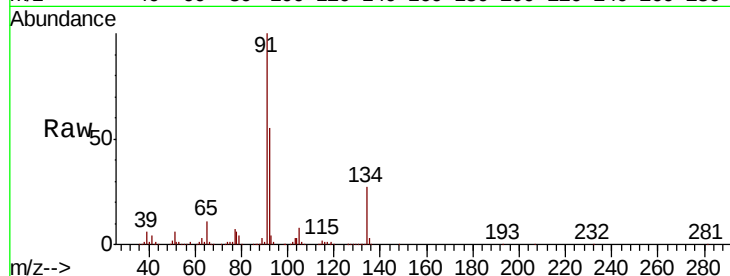
Tot Ion: 91 Resp: 339538

Ion Ratio Lower Upper

91 100

92 53.7 26.9 80.7

134 26.7 13.6 40.7

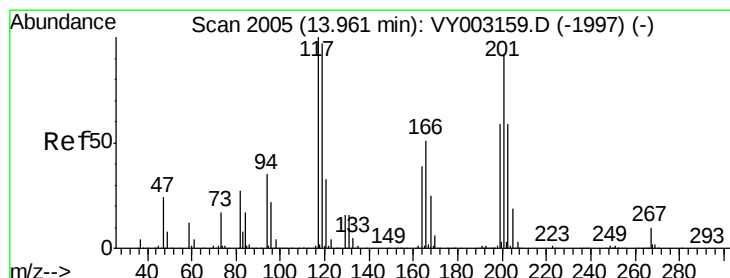
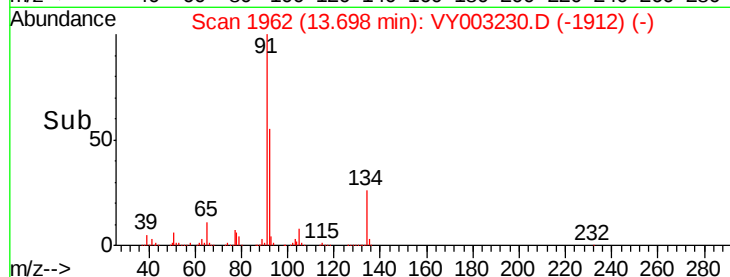
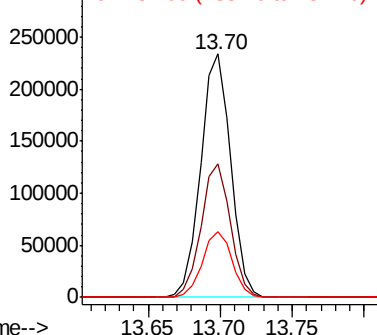


Abundance

Ion 91.00 (90.70 to 91.70): VY0

Ion 92.00 (91.70 to 92.70): VY0

Ion 134.00 (133.70 to 134.70): VY0



#90

Hexachloroethane

Concen: 20.077 ug/l

RT: 13.96 min Scan# 2005

Delta R.T. 0.00 min

Lab File: VY003230.D

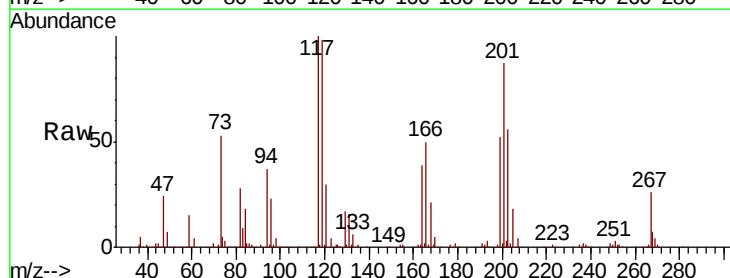
Acq: 20 Jul 2020 14:40

Tgt Ion: 117 Resp: 65766

Ion Ratio Lower Upper

117 100

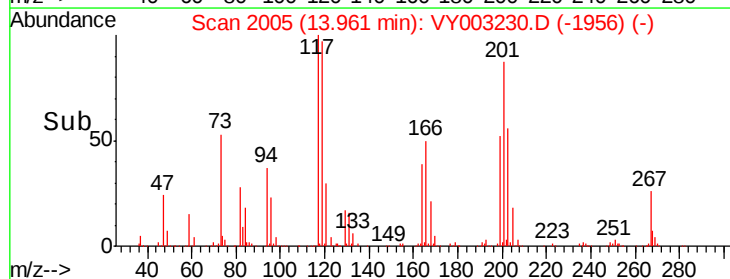
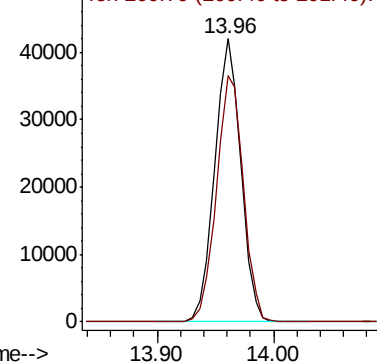
201 89.5 45.1 135.3

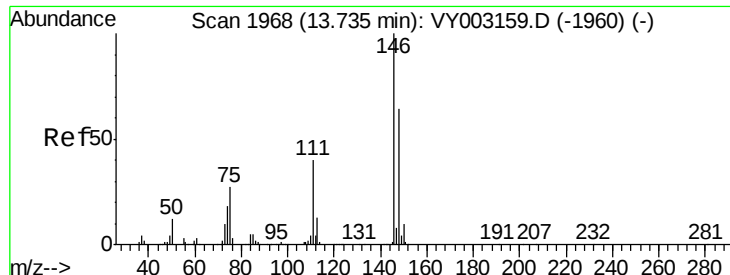


Abundance

Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 19.672 ug/l

RT: 13.74 min Scan# 1969

Delta R.T. 0.01 min

Lab File: VY003230.D

Acq: 20 Jul 2020 14:40

Instrument :

MSVOA_Y

ClientSampleId :

VY0720SBS01

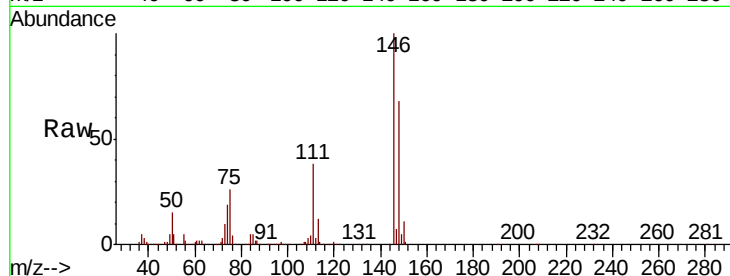
Tot Ion:146 Resp: 158602

Ion Ratio Lower Upper

146 100

111 39.8 19.6 58.8

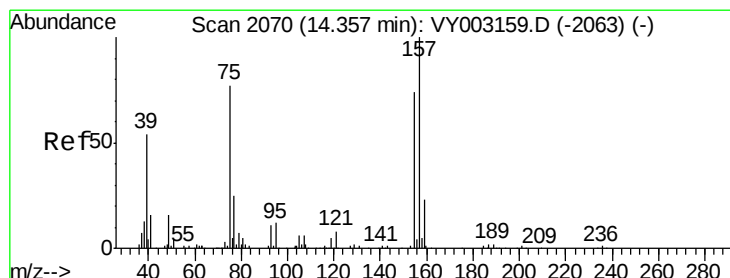
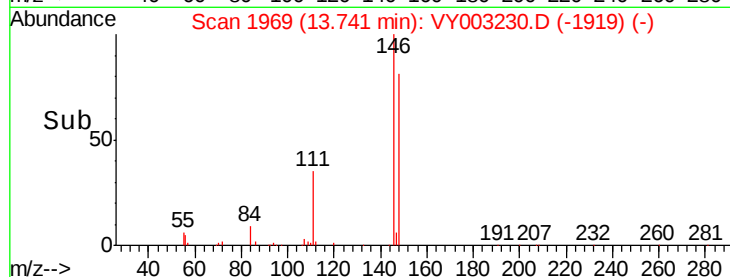
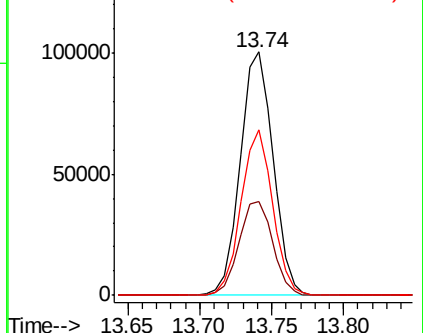
148 65.3 32.4 97.0



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: 19.341 ug/l

RT: 14.36 min Scan# 2070

Delta R.T. 0.00 min

Lab File: VY003230.D

Acq: 20 Jul 2020 14:40

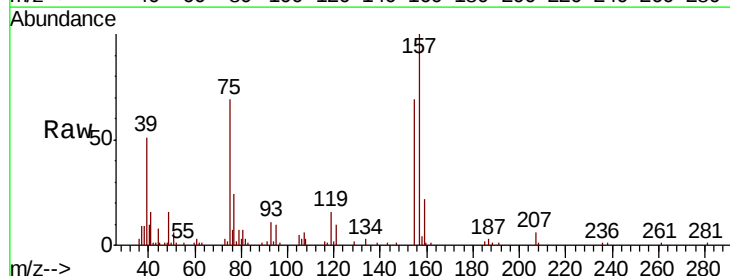
Tgt Ion: 75 Resp: 11542

Ion Ratio Lower Upper

75 100

155 101.3 48.1 144.3

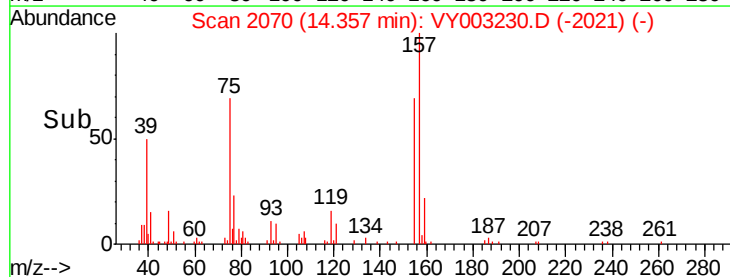
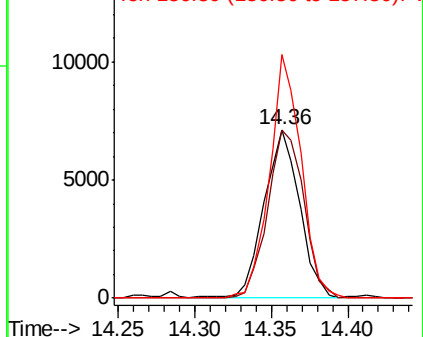
157 128.3 61.9 185.6

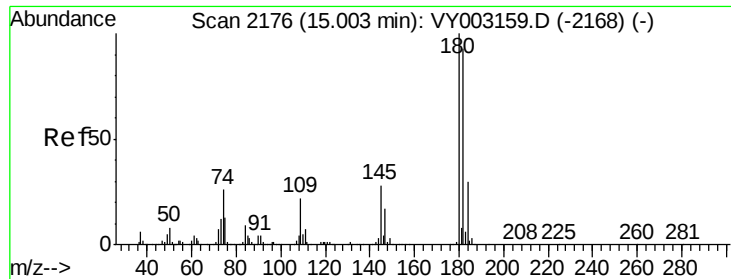


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

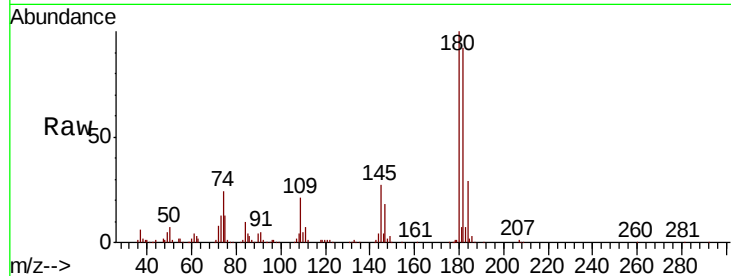




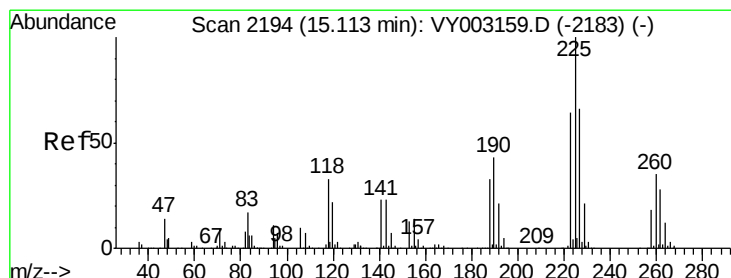
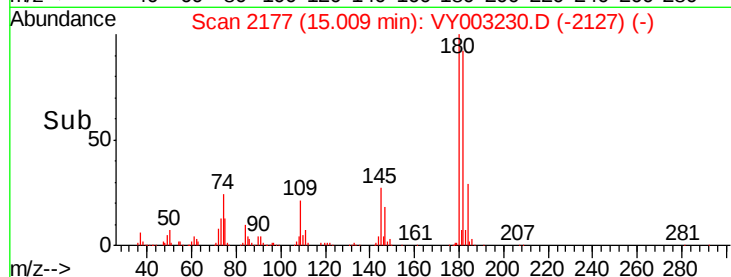
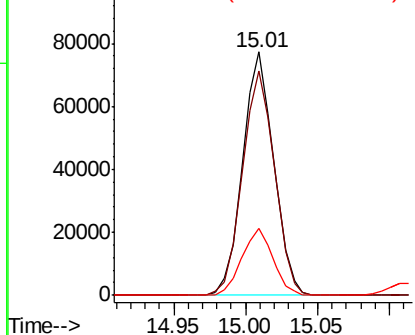
#93
 1,2,4-Trichlorobenzene
 Concen: 20.074 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.01 min
 Lab File: VY003230.D
 Acq: 20 Jul 2020 14:40

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0720SBS01

Tot Ion:180 Resp: 115135
 Ion Ratio Lower Upper
 180 100
 182 94.8 47.3 142.0
 145 27.7 13.7 41.1

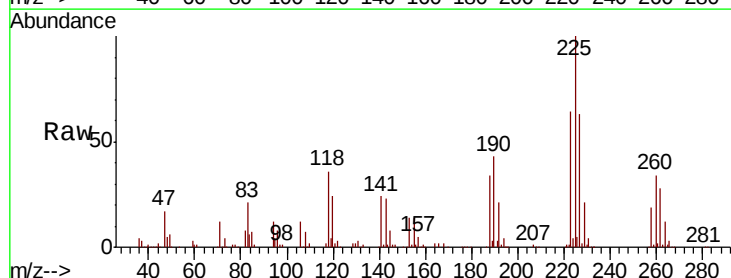


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

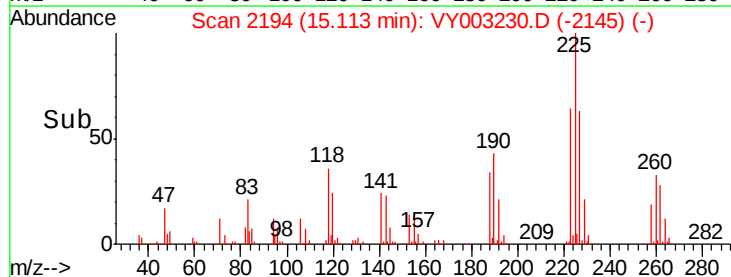
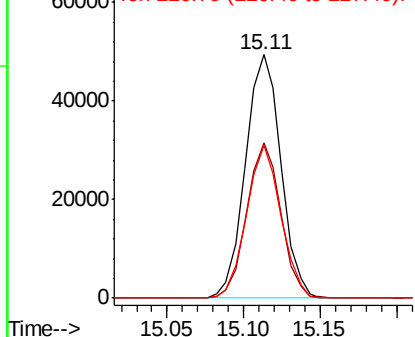


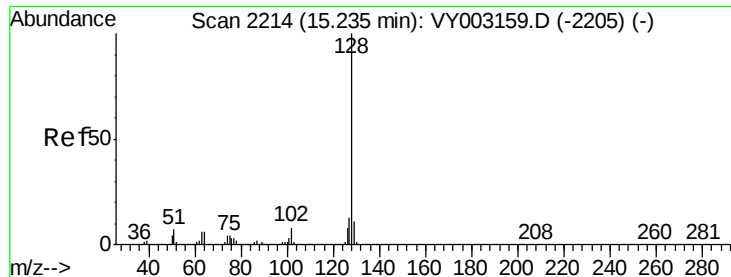
#94
 Hexachlorobutadiene
 Concen: 20.231 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.00 min
 Lab File: VY003230.D
 Acq: 20 Jul 2020 14:40

Tgt Ion:225 Resp: 79510
 Ion Ratio Lower Upper
 225 100
 223 61.5 31.6 94.7
 227 60.8 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: 20.350 ug/l

RT: 15.24 min Scan# 2215

Delta R.T. 0.01 min

Lab File: VY003230.D

Acq: 20 Jul 2020 14:40

Instrument :

MSVOA_Y

ClientSampleId :

VY0720SBS01

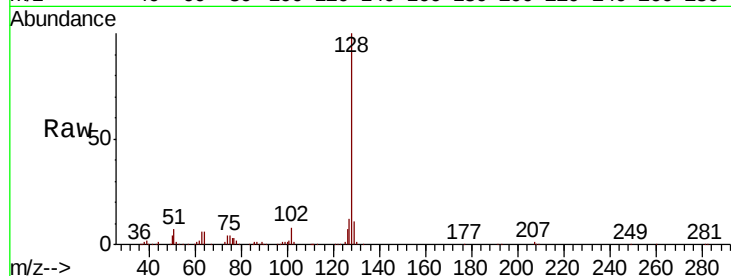
Tot Ion:128 Resp: 192889

Ion Ratio Lower Upper

128 100

127 12.8 10.9 16.3

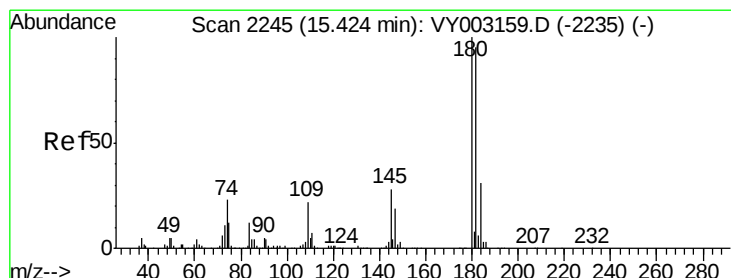
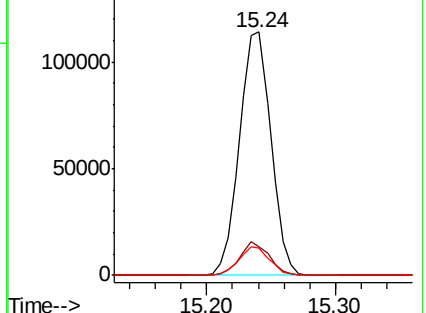
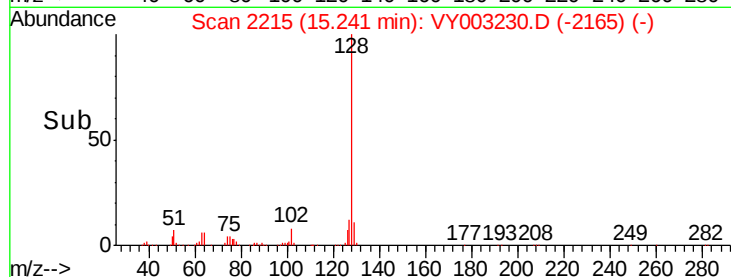
129 11.4 9.0 13.6



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 19.711 ug/l

RT: 15.42 min Scan# 2245

Delta R.T. 0.00 min

Lab File: VY003230.D

Acq: 20 Jul 2020 14:40

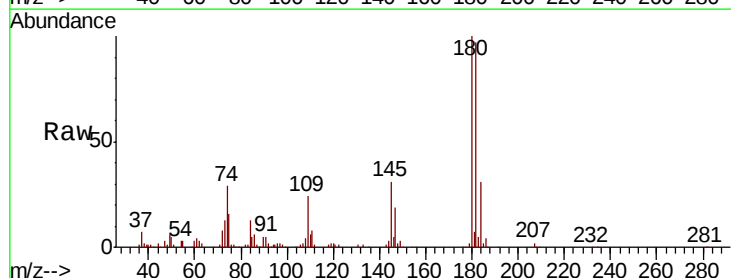
Tgt Ion:180 Resp: 89367

Ion Ratio Lower Upper

180 100

182 97.0 48.8 146.3

145 30.0 14.9 44.5



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

