

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY072820\
 Data File : VY003370.D
 Acq On : 28 Jul 2020 12:42
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jul 29 02:29:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y071020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 10 13:18:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	480187	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	701077	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	635164	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	337089	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	190559	47.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.04%	
35) Dibromofluoromethane	7.72	113	187781	46.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.08%	
50) Toluene-d8	10.18	98	689869	45.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.98%	
62) 4-Bromofluorobenzene	12.48	95	248460	45.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	137713	40.014	ug/l	98
3) Chloromethane	2.12	50	211957	44.400	ug/l	97
4) Vinyl Chloride	2.26	62	227340	46.414	ug/l	98
5) Bromomethane	2.65	94	168186	46.229	ug/l	94
6) Chloroethane	2.80	64	149236	46.389	ug/l	100
7) Trichlorofluoromethane	3.13	101	337622	48.267	ug/l	98
8) Diethyl Ether	3.53	74	112321	47.920	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	3.90	101	208086	49.256	ug/l	99
10) Methyl Iodide	4.10	142	226770	49.408	ug/l	99
11) Tert butyl alcohol	4.96	59	99830	227.791	ug/l	98
12) 1,1-Dichloroethene	3.88	96	193162	48.341	ug/l	96
13) Acrolein	3.74	56	69750	183.364	ug/l	100
14) Allyl chloride	4.49	41	325885	54.964	ug/l	96
15) Acrylonitrile	5.17	53	287387	255.241	ug/l	99
16) Acetone	3.95	43	244910	270.527	ug/l	100
17) Carbon Disulfide	4.20	76	551832	45.006	ug/l	98
18) Methyl Acetate	4.48	43	131727	52.394	ug/l	96
19) Methyl tert-butyl Ether	5.22	73	547314	48.877	ug/l	99
20) Methylene Chloride	4.72	84	235172	51.831	ug/l	98
21) trans-1,2-Dichloroethene	5.23	96	221090	48.919	ug/l	99
22) Diisopropyl ether	6.13	45	714721	54.315	ug/l	94
23) Vinyl Acetate	6.07	43	2262697	257.984	ug/l	98
24) 1,1-Dichloroethane	6.02	63	402309	52.772	ug/l	98
25) 2-Butanone	6.99	43	375171	252.397	ug/l	99
26) 2,2-Dichloropropane	6.99	77	372494	54.255	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	256558	51.559	ug/l	98
28) Bromochloromethane	7.34	49	174759	52.947	ug/l	97
29) Tetrahydrofuran	7.35	42	240379	240.726	ug/l	95
30) Chloroform	7.51	83	409427	52.144	ug/l	98
31) Cyclohexane	7.78	56	360717	48.932	ug/l	93
32) 1,1,1-Trichloroethane	7.71	97	371907	52.614	ug/l	99
36) 1,1-Dichloropropene	7.92	75	321371	50.577	ug/l	99
37) Ethyl Acetate	7.08	43	165890	48.479	ug/l	98
38) Carbon Tetrachloride	7.90	117	337944	51.519	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.18	83	387882	48.594	ug/l	94
40) Benzene	8.16	78	897621	51.305	ug/l	98
41) Methacrylonitrile	7.35	41	229190	111.209	ug/l #	1
42) 1,2-Dichloroethane	8.24	62	266724	49.519	ug/l	100
43) Isopropyl Acetate	8.27	43	318140	48.032	ug/l	99
44) Trichloroethene	8.94	130	257379	47.988	ug/l	97
45) 1,2-Dichloropropane	9.22	63	235393	51.996	ug/l	99
46) Dibromomethane	9.30	93	127940	48.386	ug/l	99
47) Bromodichloromethane	9.50	83	326524	51.923	ug/l	99
48) Methyl methacrylate	9.29	41	145317	49.076	ug/l	94
49) 1,4-Dioxane	9.30	88	32719	974.988	ug/l	97
51) 4-Methyl-2-Pentanone	10.07	43	825338	239.737	ug/l	99
52) Toluene	10.24	92	567538	50.751	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	334897	51.399	ug/l	98
54) cis-1,3-Dichloropropene	9.93	75	381530	50.822	ug/l	96
55) 1,1,2-Trichloroethane	10.64	97	180823	48.260	ug/l	98
56) Ethyl methacrylate	10.51	69	246046	48.301	ug/l	96
57) 1,3-Dichloropropane	10.79	76	313616	49.365	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	651797	250.892	ug/l	98
59) 2-Hexanone	10.83	43	580246	241.443	ug/l	98
60) Dibromochloromethane	10.99	129	233998	49.654	ug/l	99
61) 1,2-Dibromoethane	11.09	107	174992	47.321	ug/l	99
64) Tetrachloroethene	10.72	164	253702	44.797	ug/l	98
65) Chlorobenzene	11.52	112	623238	50.934	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.59	131	241689	50.856	ug/l	99
67) Ethyl Benzene	11.59	91	1143300	52.331	ug/l	98
68) m/p-Xylenes	11.70	106	857275	103.416	ug/l	100
69) o-Xylene	12.03	106	405624	52.377	ug/l	100
70) Styrene	12.04	104	695199	52.477	ug/l	100
71) Bromoform	12.20	173	151645	48.617	ug/l	99
73) Isopropylbenzene	12.33	105	1121329	52.199	ug/l	99
74) N-amyl acetate	12.14	43	297874	49.420	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	208168	50.175	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	281646	94.391	ug/l #	100
77) Bromobenzene	12.61	156	277751	50.724	ug/l	99
78) n-propylbenzene	12.67	91	1334017	52.683	ug/l	100
79) 2-Chlorotoluene	12.75	91	731768	51.797	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	942818	52.660	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	77433	50.506	ug/l	93
82) 4-Chlorotoluene	12.85	91	767676	52.060	ug/l	100
83) tert-Butylbenzene	13.08	119	846373	53.575	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	941211	52.248	ug/l	99
85) sec-Butylbenzene	13.25	105	1173737	54.057	ug/l	100
86) p-Isopropyltoluene	13.37	119	1076500	53.098	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	535656	51.730	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	524899	51.200	ug/l	100
89) n-Butylbenzene	13.70	91	1035876	54.320	ug/l	99
90) Hexachloroethane	13.96	117	209825	56.832	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	471022	51.834	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	32156	47.807	ug/l	99

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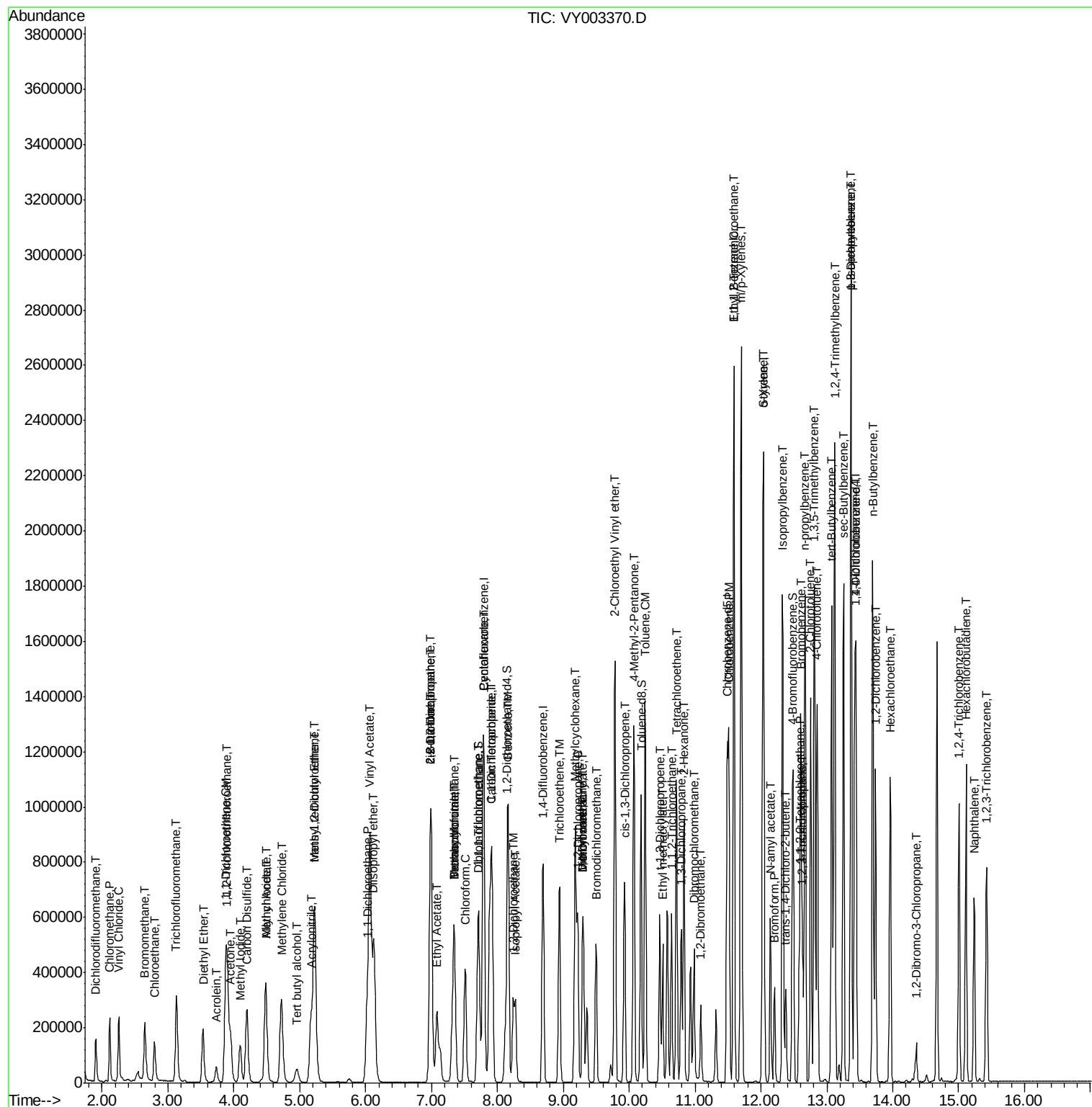
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	337363	52.186	ug/l	99
94) Hexachlorobutadiene	15.11	225	227836	51.434	ug/l	100
95) Naphthalene	15.23	128	545614	51.069	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	269866	52.809	ug/l	98

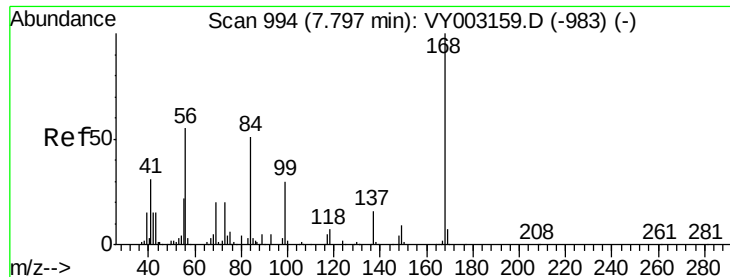
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY003370.D

Acq: 28 Jul 2020 12:42

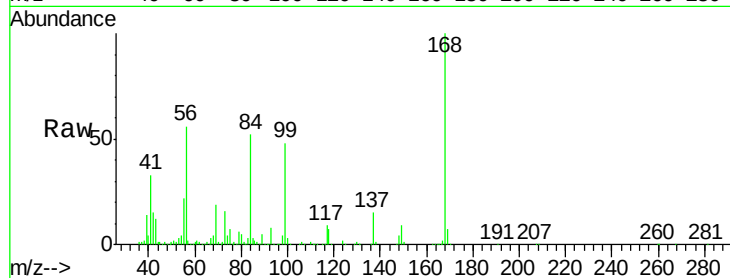
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:168 Resp: 480187

Ion Ratio Lower Upper

168 100

99 48.2 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): VY003370.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY003370.D (-945) (-)

7.80

250000

200000

150000

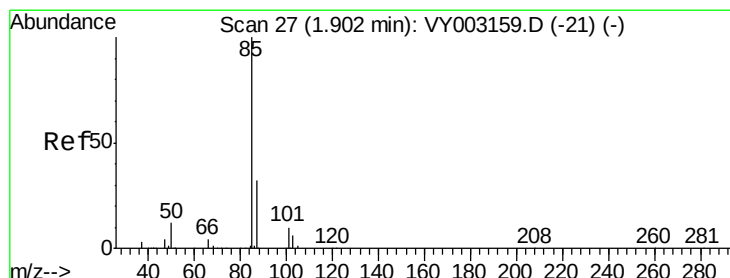
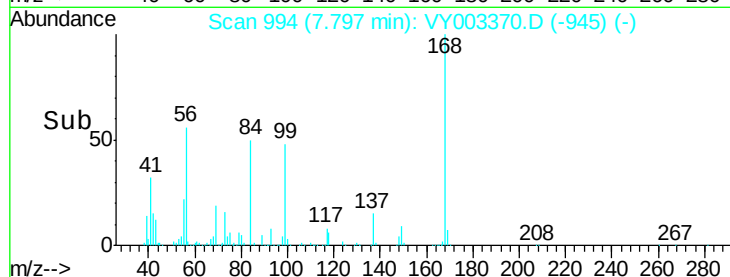
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 40.014 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.01 min

Lab File: VY003370.D

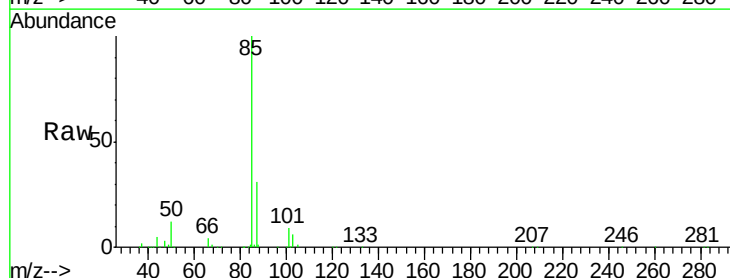
Acq: 28 Jul 2020 12:42

Tgt Ion: 85 Resp: 137713

Ion Ratio Lower Upper

85 100

87 30.8 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VY003370.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY003370.D (-1) (-)

1.91

100000

80000

60000

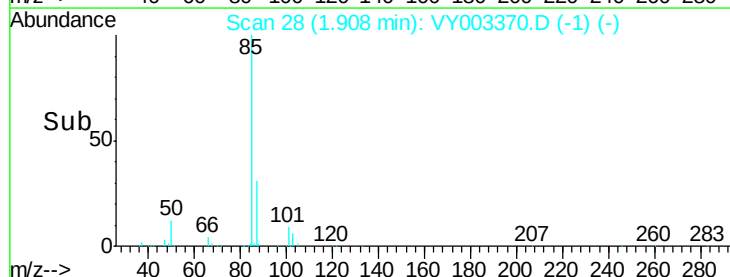
40000

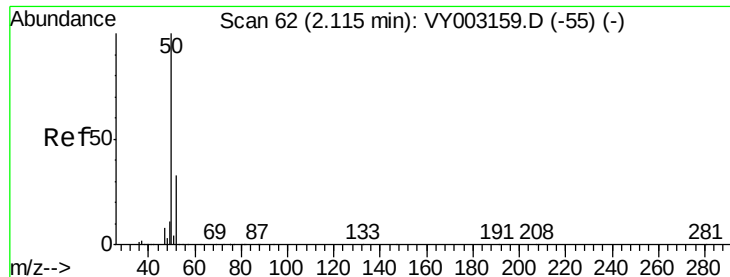
20000

0

1.80 1.90 2.00 2.10

Time-->





#3

Chloromethane

Concen: 44.400 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY003370.D

Acq: 28 Jul 2020 12:42

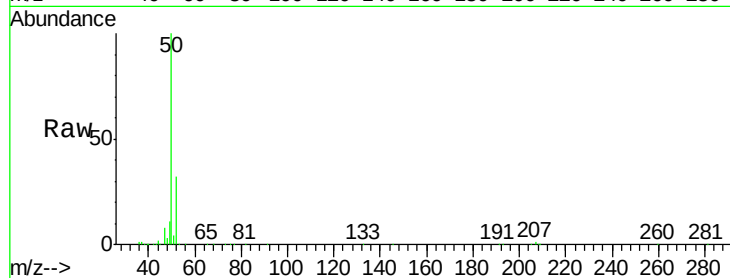
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 50 Resp: 211957

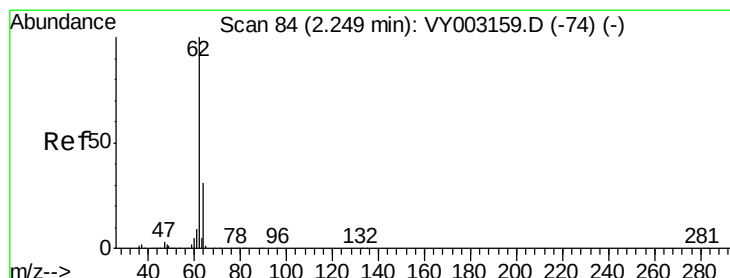
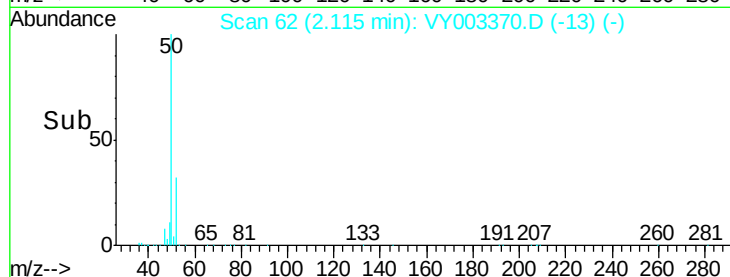
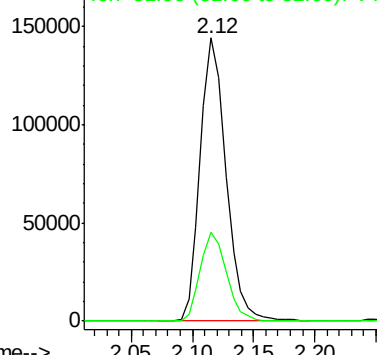
Ion Ratio Lower Upper

50 100

52 31.5 26.6 39.8



Abundance Ion 49.90 (49.60 to 50.60): VY0
Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 46.414 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.01 min

Lab File: VY003370.D

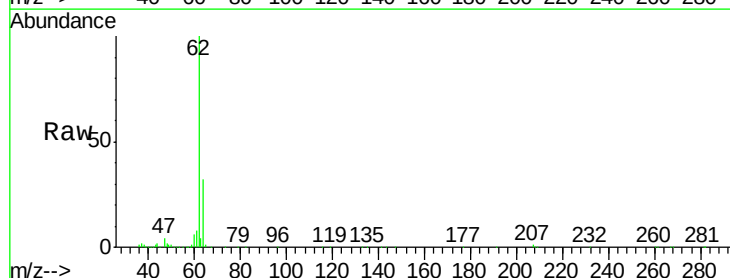
Acq: 28 Jul 2020 12:42

Tgt Ion: 62 Resp: 227340

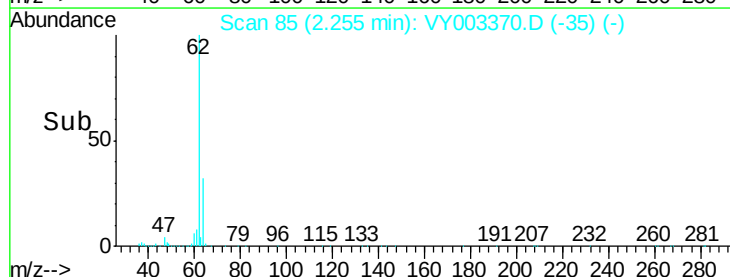
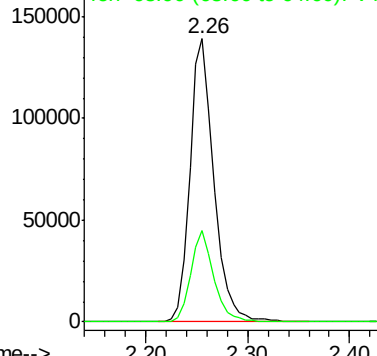
Ion Ratio Lower Upper

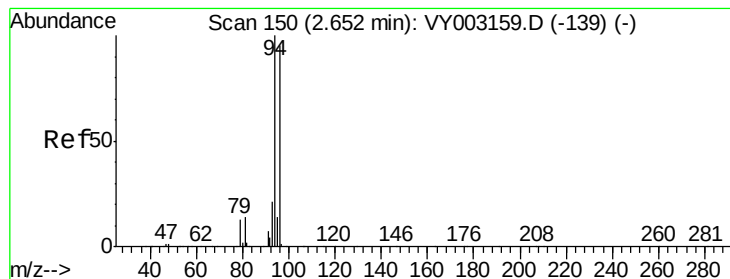
62 100

64 32.1 24.6 37.0



Abundance Ion 61.90 (61.60 to 62.60): VY0
Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 46.229 ug/l

RT: 2.65 min Scan# 150

Delta R.T. 0.00 min

Lab File: VY003370.D

Acq: 28 Jul 2020 12:42

Instrument :

MSVOA_Y

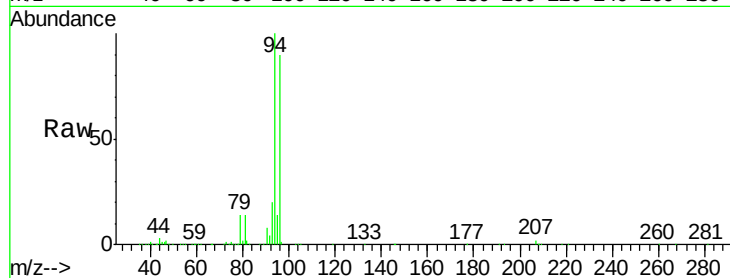
ClientSampleId :

Tot Ion: 94 Resp: 168186

Ion Ratio Lower Upper

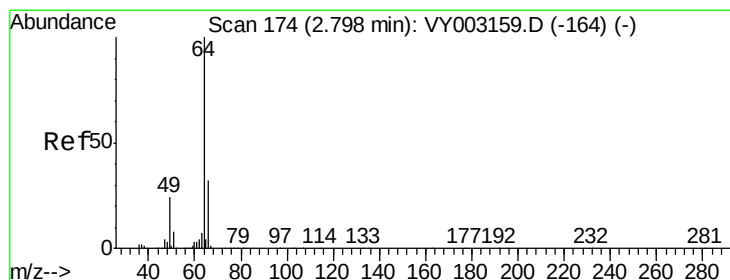
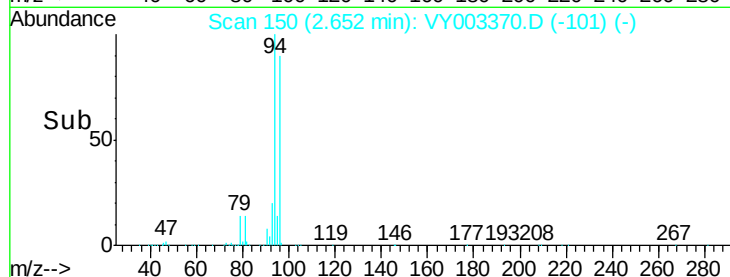
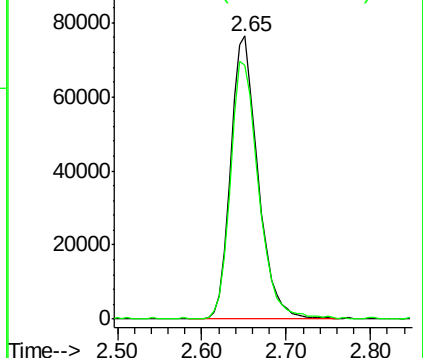
94 100

96 89.6 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: 46.389 ug/l

RT: 2.80 min Scan# 174

Delta R.T. 0.00 min

Lab File: VY003370.D

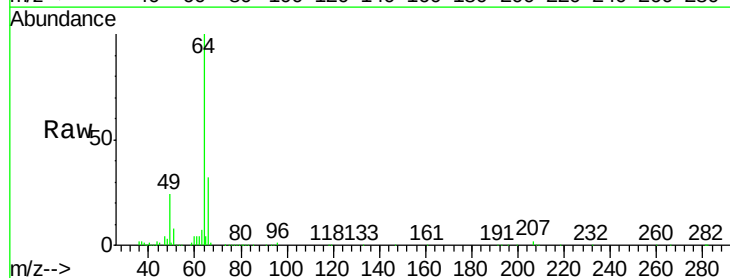
Acq: 28 Jul 2020 12:42

Tgt Ion: 64 Resp: 149236

Ion Ratio Lower Upper

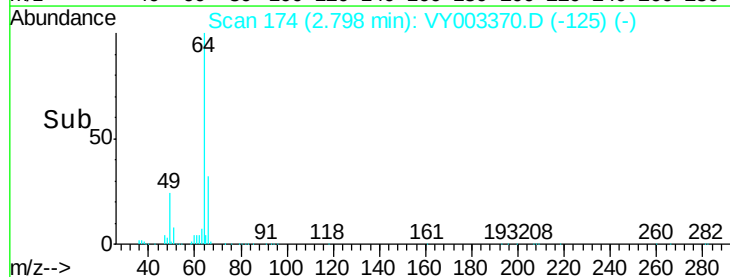
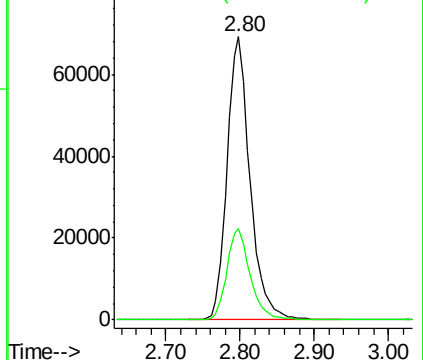
64 100

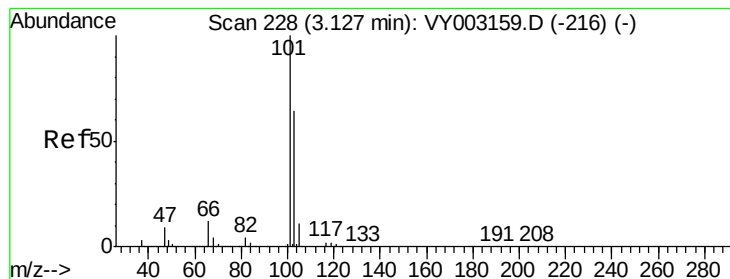
66 32.3 26.0 39.0



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



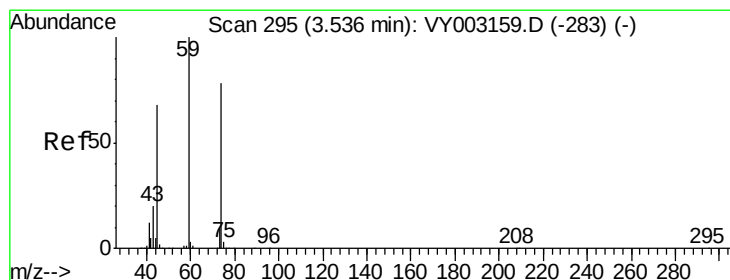
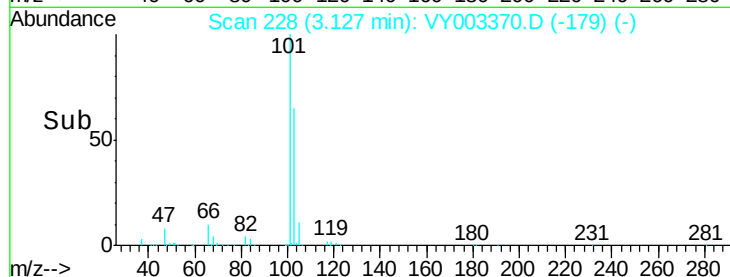
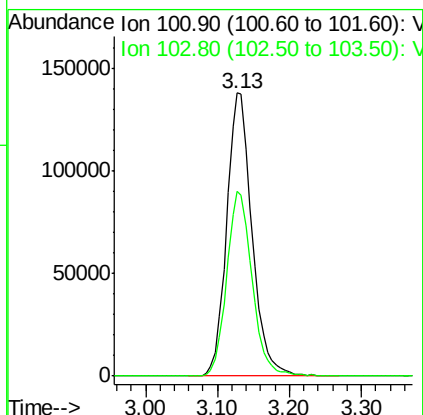
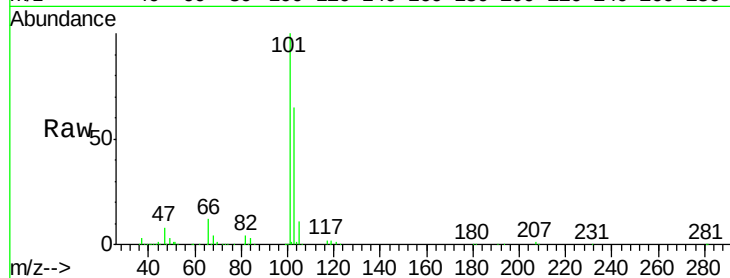


#7

Trichlorofluoromethane
Concen: 48.267 ug/l
RT: 3.13 min Scan# 228
Delta R.T. 0.00 min
Lab File: VY003370.D
Acq: 28 Jul 2020 12:42

Instrument :
MSVOA_Y
ClientSampleId :

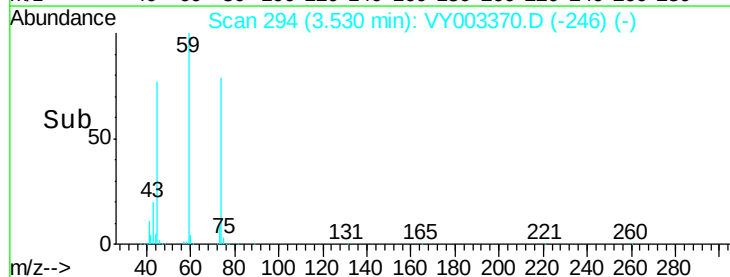
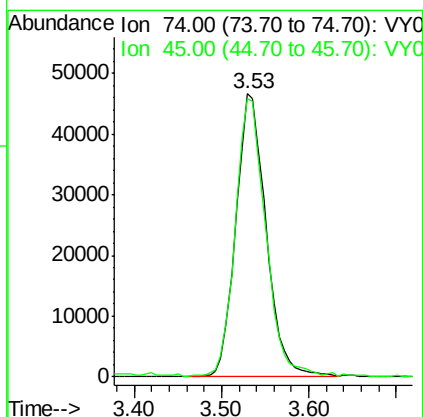
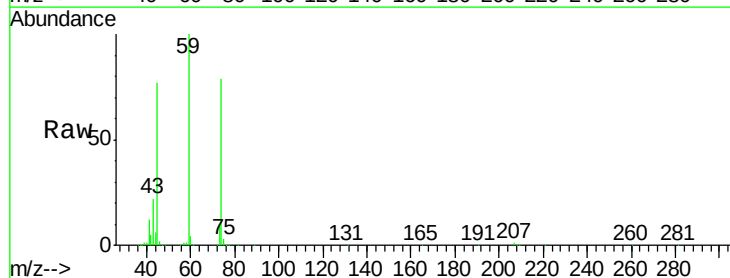
Tot Ion:101 Resp: 337622
Ion Ratio Lower Upper
101 100
103 65.5 51.3 76.9

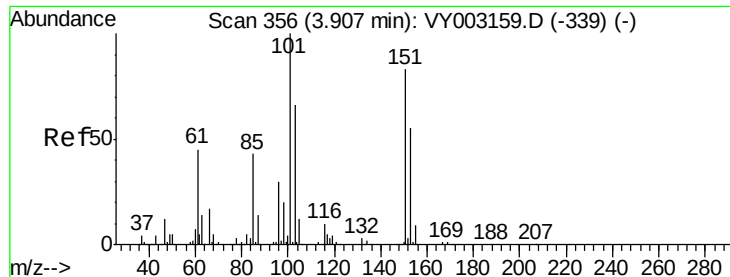


#8

Diethyl Ether
Concen: 47.920 ug/l
RT: 3.53 min Scan# 294
Delta R.T. -0.01 min
Lab File: VY003370.D
Acq: 28 Jul 2020 12:42

Tgt Ion: 74 Resp: 112321
Ion Ratio Lower Upper
74 100
45 98.6 45.3 135.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.256 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.01 min

Lab File: VY003370.D

Acq: 28 Jul 2020 12:42

Instrument :

MSVOA_Y

ClientSampled :

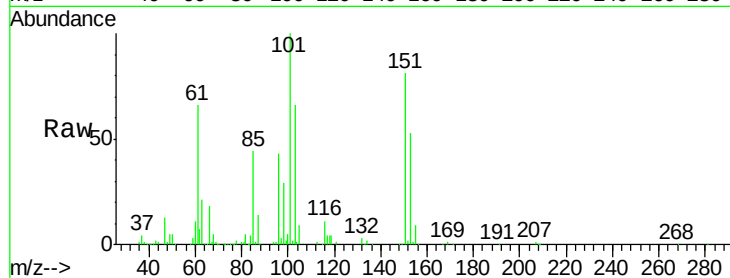
Tot Ion:101 Resp: 208086

Ion Ratio Lower Upper

101 100

85 45.0 34.9 52.3

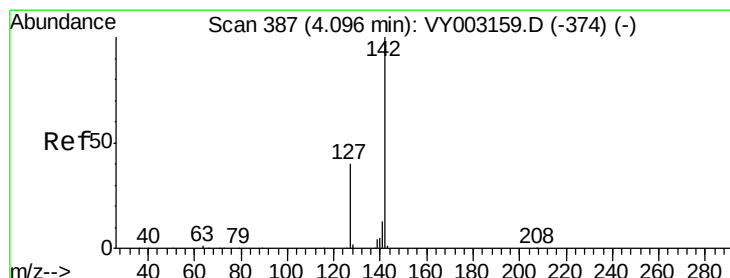
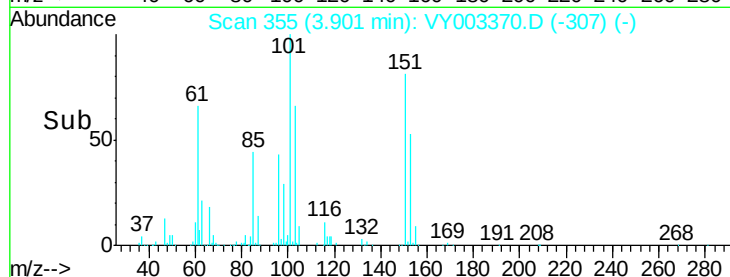
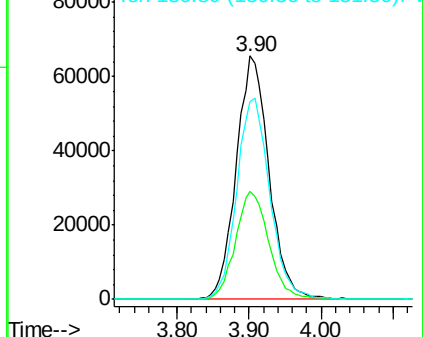
151 83.4 67.0 100.6



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: 49.408 ug/l

RT: 4.10 min Scan# 387

Delta R.T. 0.00 min

Lab File: VY003370.D

Acq: 28 Jul 2020 12:42

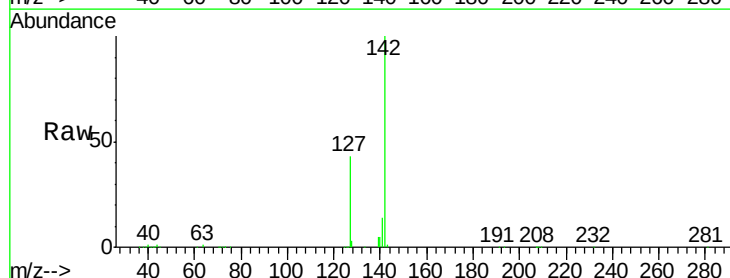
Tgt Ion:142 Resp: 226770

Ion Ratio Lower Upper

142 100

127 42.2 33.5 50.3

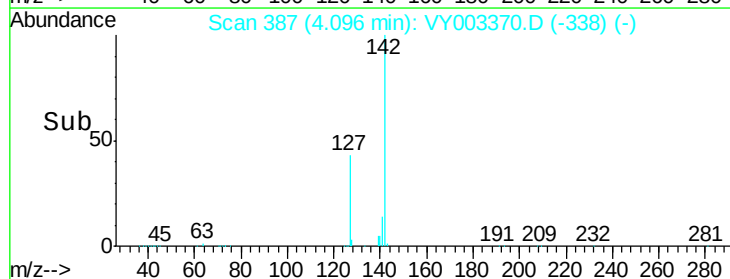
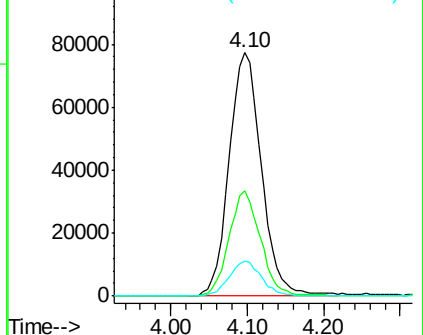
141 14.4 11.2 16.8

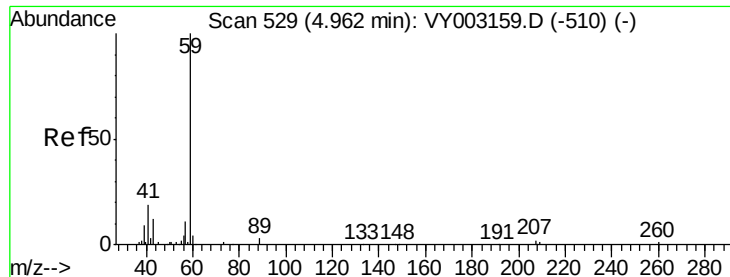


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

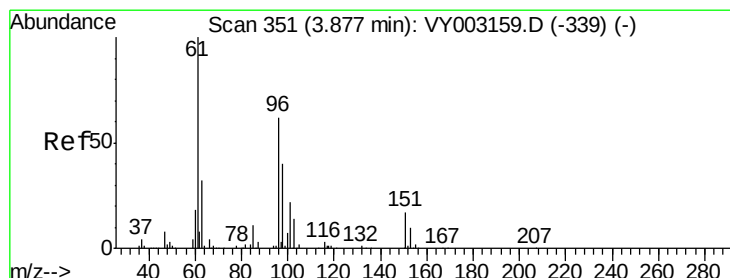
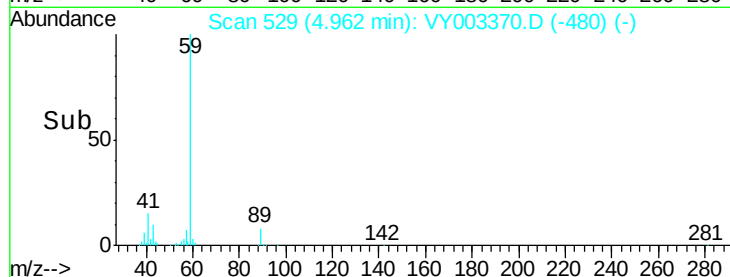
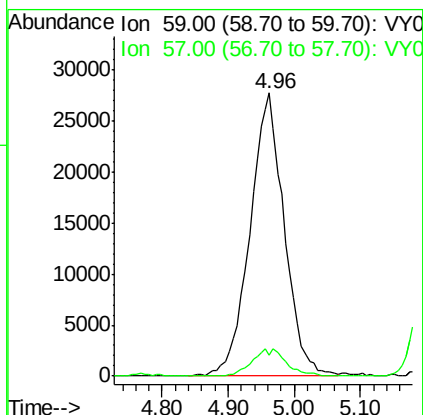
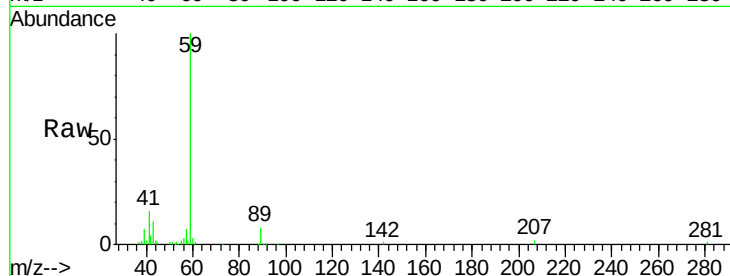




#11
Tert butyl alcohol
Concen: 227.791 ug/l
RT: 4.96 min Scan# 529
Delta R.T. 0.00 min
Lab File: VY003370.D
Acq: 28 Jul 2020 12:42

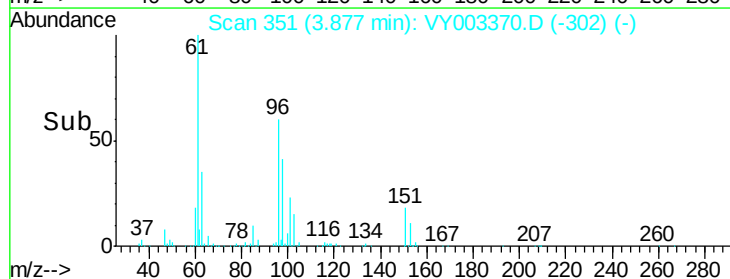
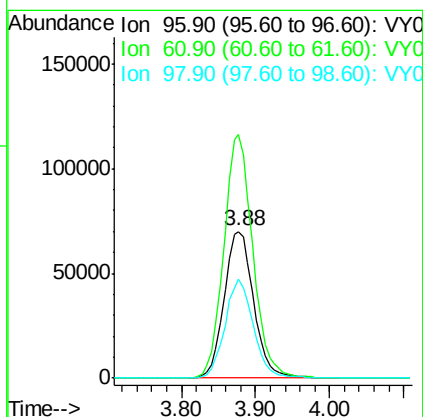
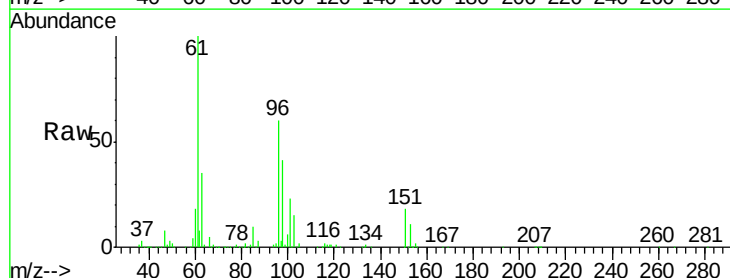
Instrument :
MSVOA_Y
ClientSampleId :

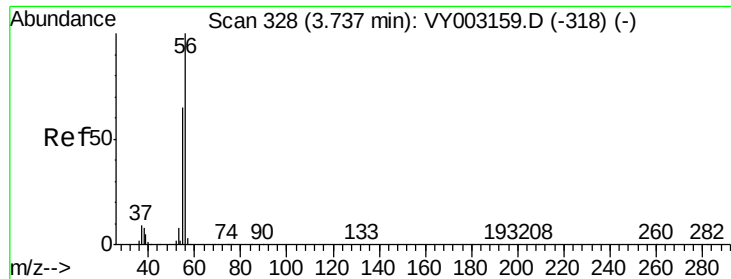
Tot Ion: 59 Resp: 99830
Ion Ratio Lower Upper
59 100
57 9.6 8.4 12.6



#12
1,1-Dichloroethene
Concen: 48.341 ug/l
RT: 3.88 min Scan# 351
Delta R.T. 0.00 min
Lab File: VY003370.D
Acq: 28 Jul 2020 12:42

Tgt Ion: 96 Resp: 193162
Ion Ratio Lower Upper
96 100
61 166.4 128.6 193.0
98 67.6 51.6 77.4

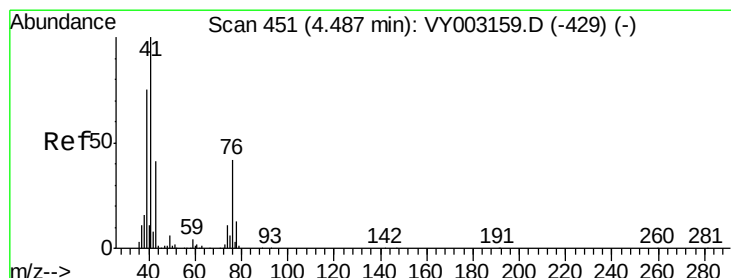
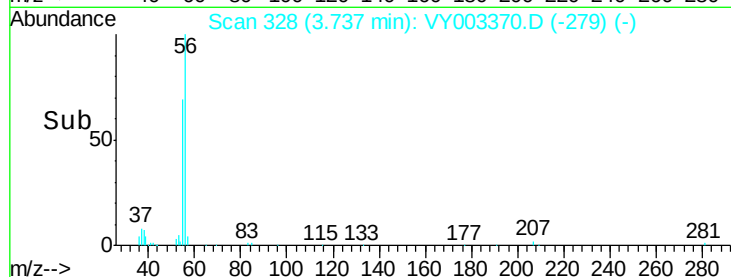
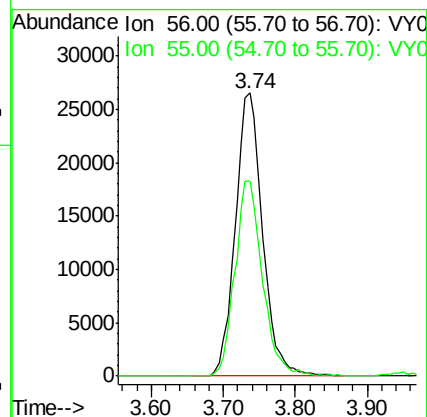
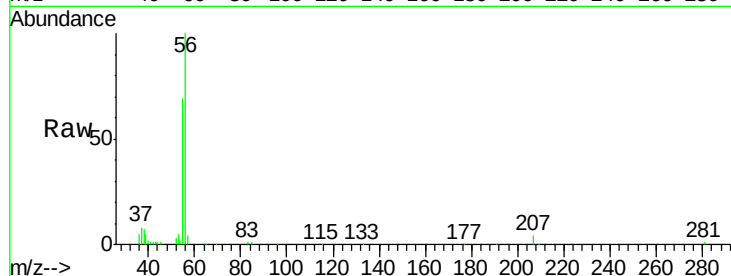




#13
 Acrolein
 Concen: 183.364 ug/l
 RT: 3.74 min Scan# 328
 Delta R.T. 0.00 min
 Lab File: VY003370.D
 Acq: 28 Jul 2020 12:42

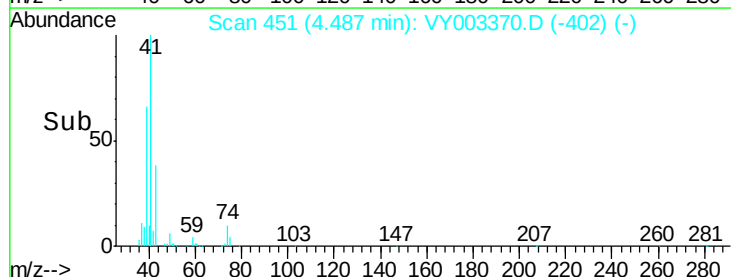
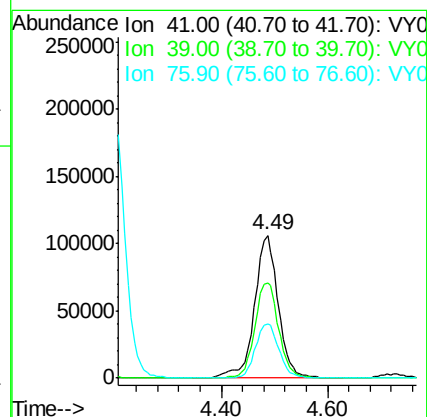
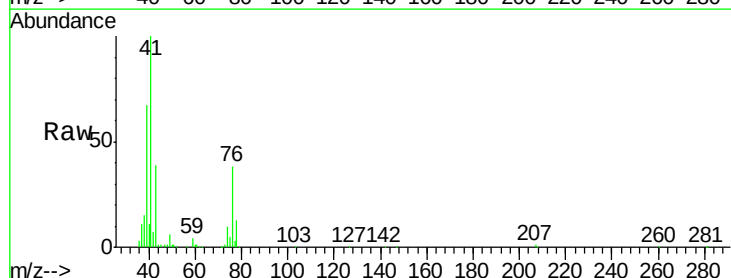
Instrument :
 MSVOA_Y
 ClientSampled :

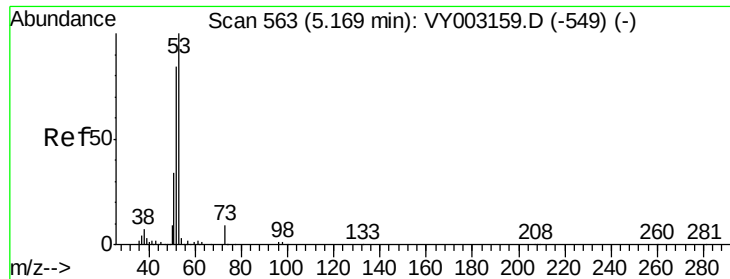
Tot Ion: 56 Resp: 69750
 Ion Ratio Lower Upper
 56 100
 55 69.7 56.0 84.0



#14
 Allyl chloride
 Concen: 54.964 ug/l
 RT: 4.49 min Scan# 451
 Delta R.T. 0.00 min
 Lab File: VY003370.D
 Acq: 28 Jul 2020 12:42

Tgt Ion: 41 Resp: 325885
 Ion Ratio Lower Upper
 41 100
 39 67.0 56.6 85.0
 76 37.5 31.6 47.4





#15

Acrylonitrile

Concen: 255.241 ug/l

RT: 5.17 min Scan# 563

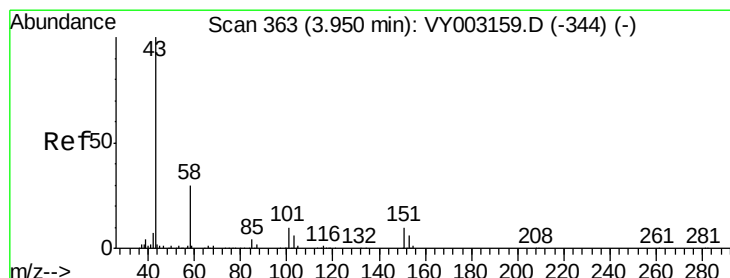
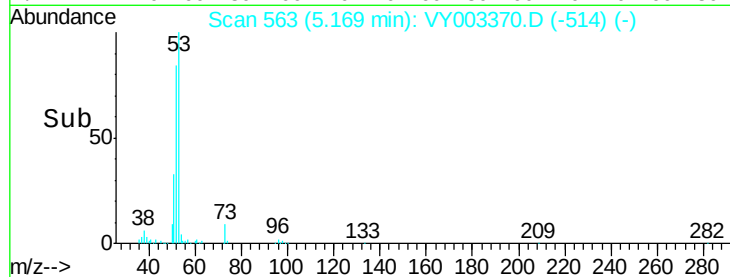
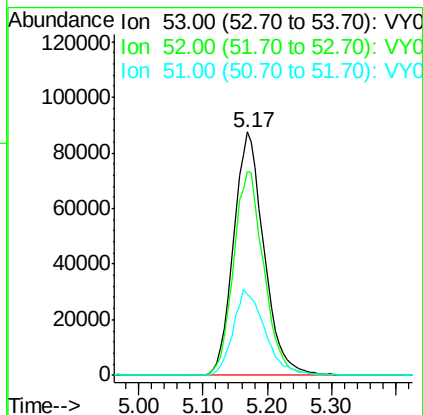
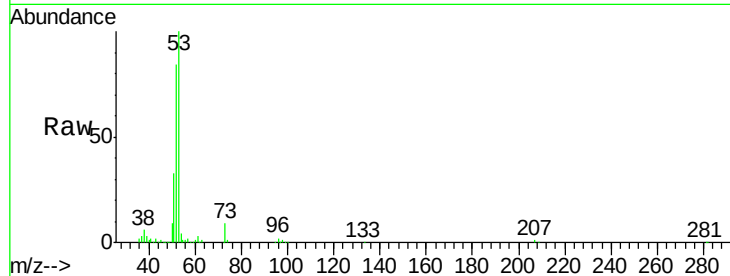
Delta R.T. 0.00 min

Lab File: VY003370.D

Acq: 28 Jul 2020 12:42

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:	53	Resp:	287387
Ion	Ratio	Lower	Upper
53	100		
52	83.3	65.8	98.6
51	36.5	29.0	43.4



#16

Acetone

Concen: 270.527 ug/l

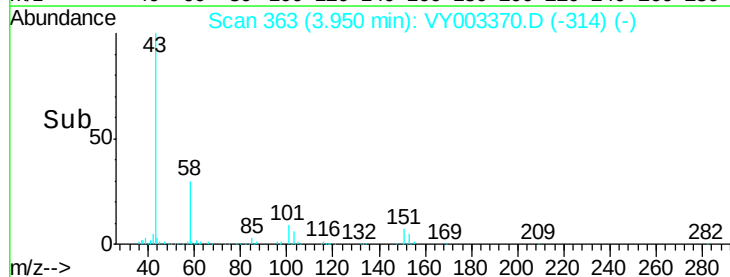
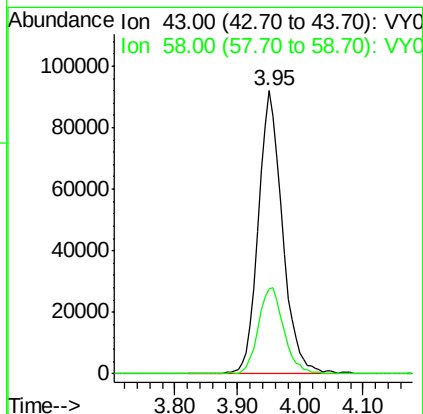
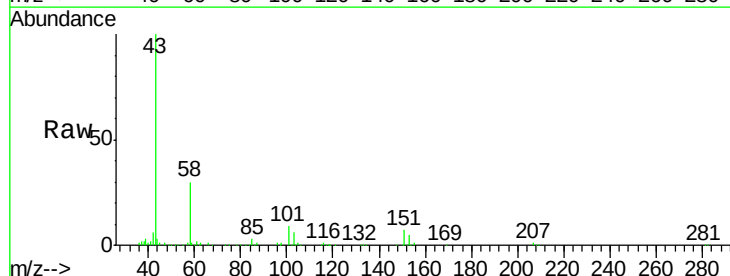
RT: 3.95 min Scan# 363

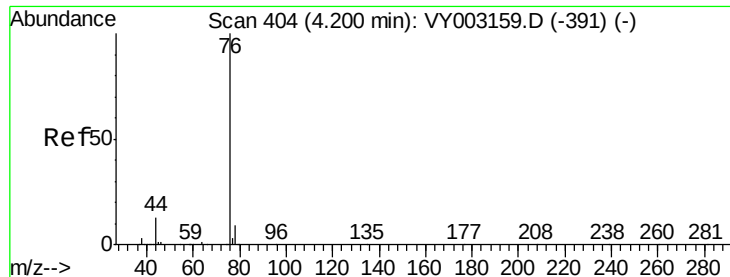
Delta R.T. 0.00 min

Lab File: VY003370.D

Acq: 28 Jul 2020 12:42

Tgt Ion:	43	Resp:	244910
Ion	Ratio	Lower	Upper
43	100		
58	29.8	23.8	35.6

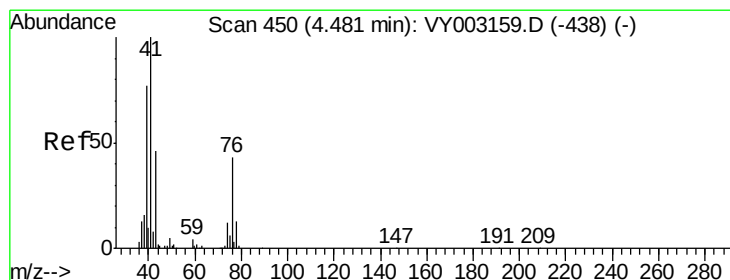
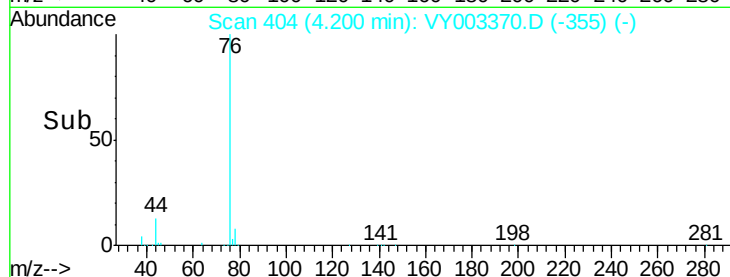
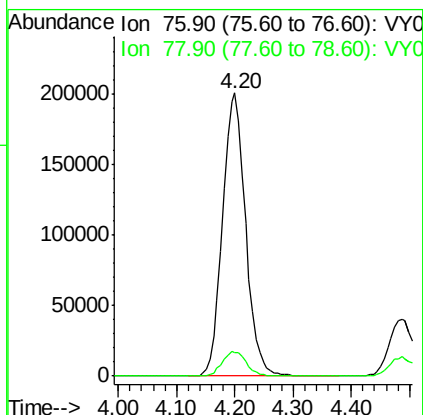
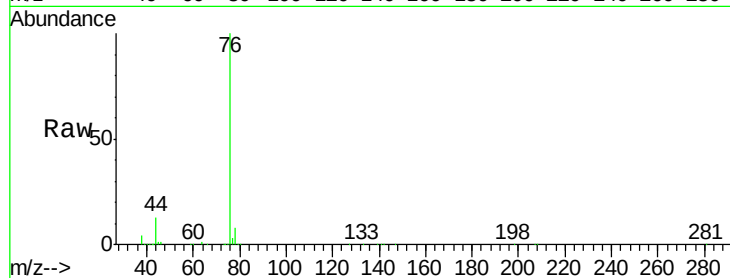




#17
Carbon Disulfide
Concen: 45.006 ug/l
RT: 4.20 min Scan# 404
Delta R.T. 0.00 min
Lab File: VY003370.D
Acq: 28 Jul 2020 12:42

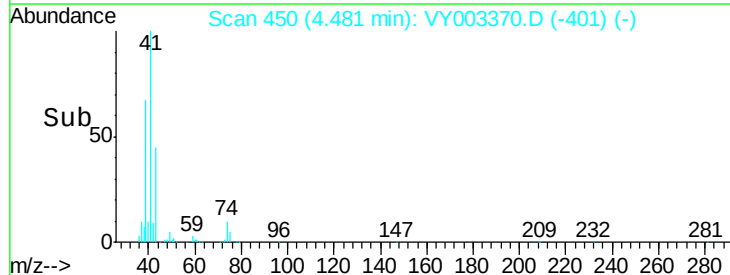
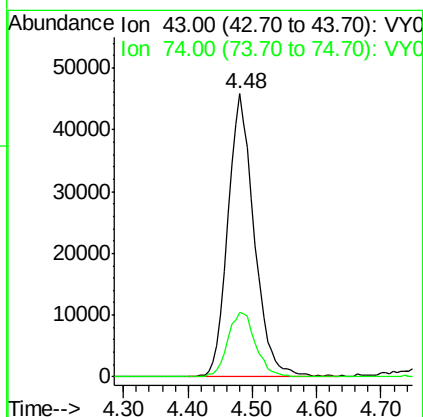
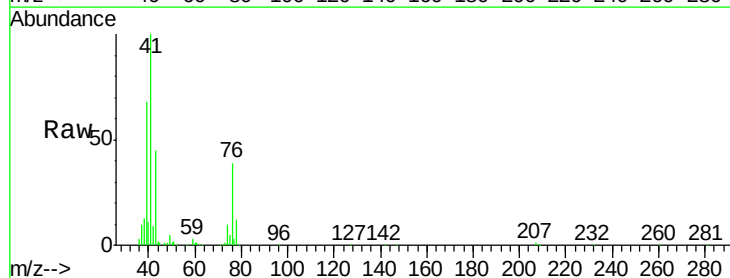
Instrument :
MSVOA_Y
ClientSampleId :

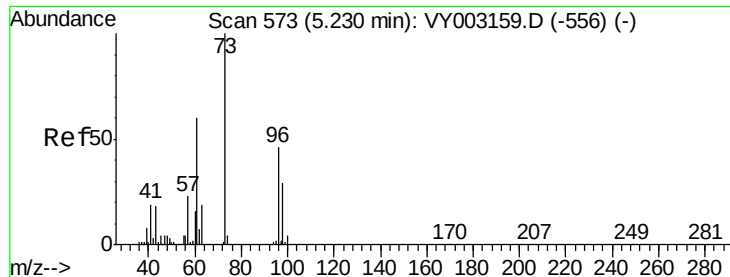
Tot Ion: 76 Resp: 551832
Ion Ratio Lower Upper
76 100
78 8.4 7.3 10.9



#18
Methyl Acetate
Concen: 52.394 ug/l
RT: 4.48 min Scan# 450
Delta R.T. 0.00 min
Lab File: VY003370.D
Acq: 28 Jul 2020 12:42

Tgt Ion: 43 Resp: 131727
Ion Ratio Lower Upper
43 100
74 24.1 20.8 31.2

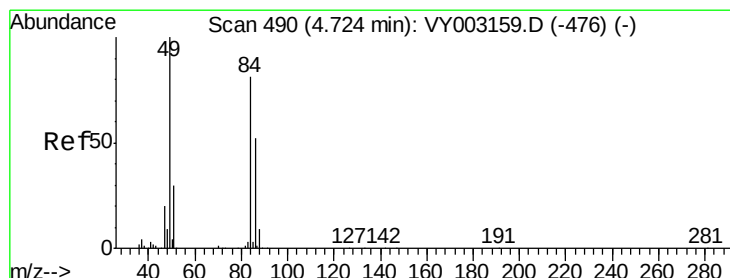
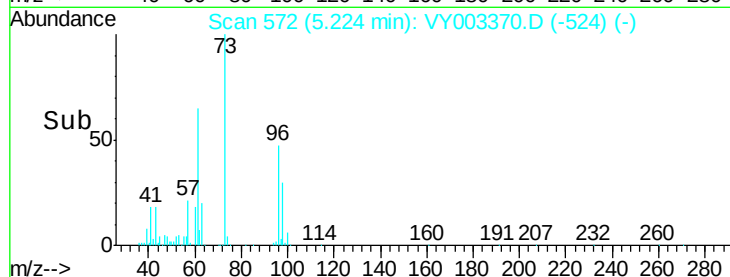
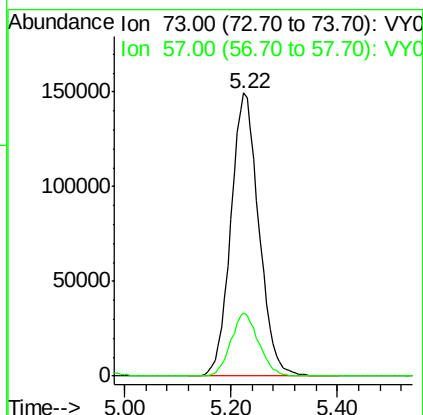
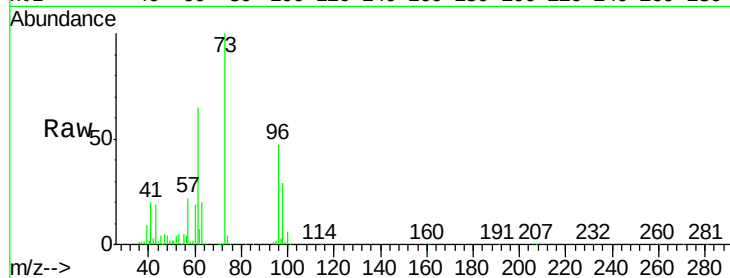




#19
Methyl tert-butyl Ether
Concen: 48.877 ug/l
RT: 5.22 min Scan# 572
Delta R.T. -0.01 min
Lab File: VY003370.D
Acq: 28 Jul 2020 12:42

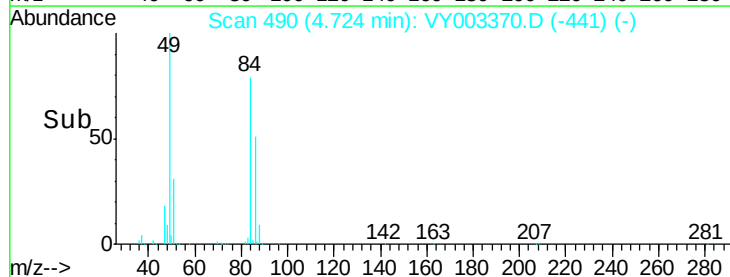
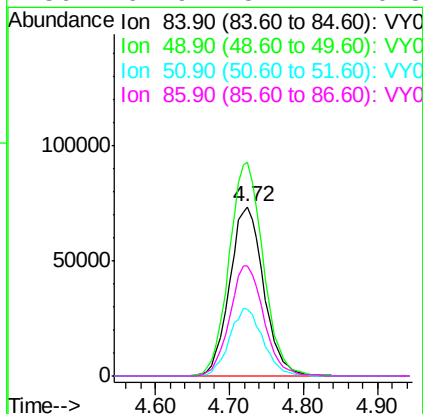
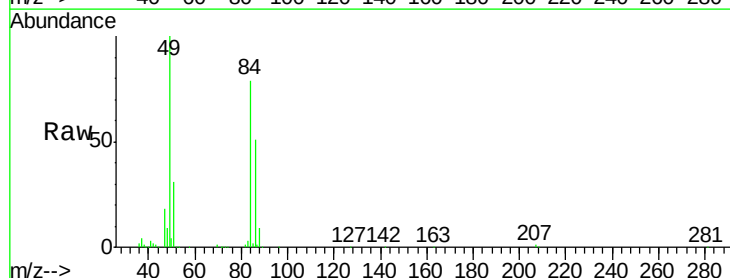
Instrument :
MSVOA_Y
ClientSampleId :

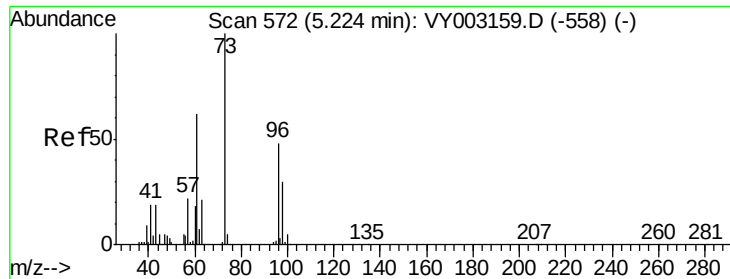
Tot Ion: 73 Resp: 547314
Ion Ratio Lower Upper
73 100
57 22.3 18.1 27.1



#20
Methylene Chloride
Concen: 51.831 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY003370.D
Acq: 28 Jul 2020 12:42

Tgt Ion: 84 Resp: 235172
Ion Ratio Lower Upper
84 100
49 125.9 98.2 147.4
51 39.3 29.8 44.6
86 64.9 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 48.919 ug/l

RT: 5.23 min Scan# 573

Delta R.T. 0.01 min

Lab File: VY003370.D

Acq: 28 Jul 2020 12:42

Instrument :

MSVOA_Y

ClientSampleId :

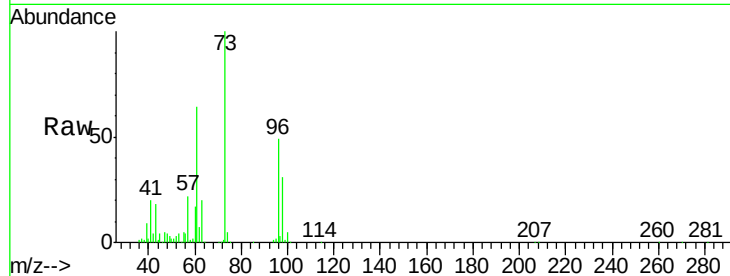
Tot Ion: 96 Resp: 221090

Ion Ratio Lower Upper

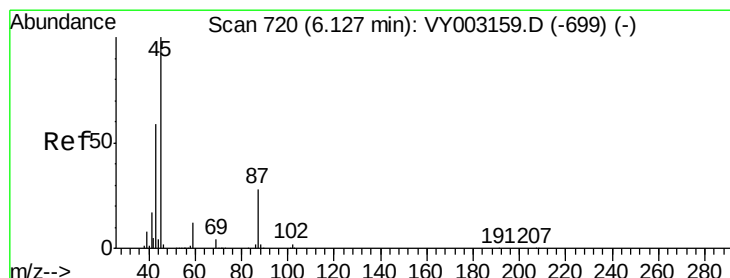
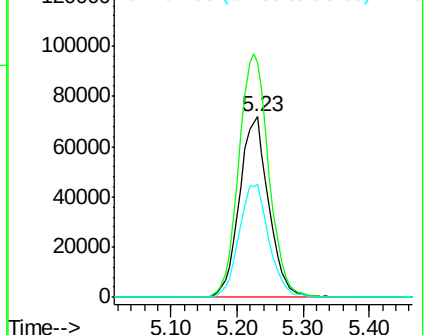
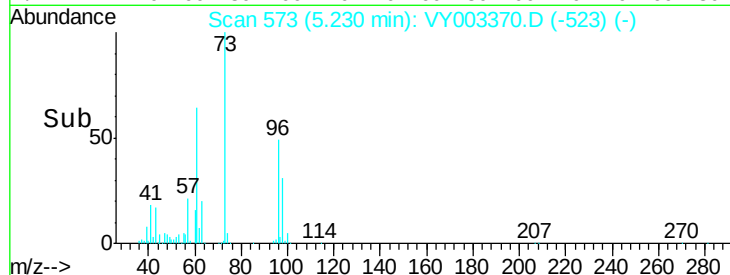
96 100

61 129.9 102.5 153.7

98 62.5 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: 54.315 ug/l

RT: 6.13 min Scan# 720

Delta R.T. 0.00 min

Lab File: VY003370.D

Acq: 28 Jul 2020 12:42

Tgt Ion: 45 Resp: 714721

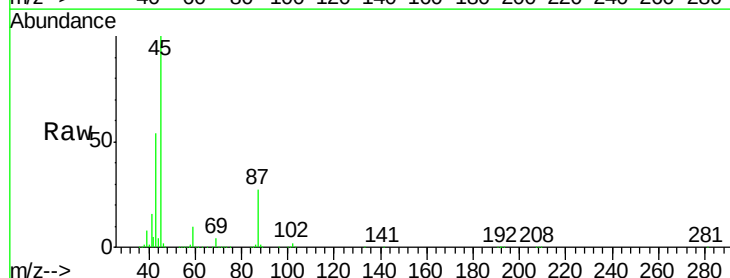
Ion Ratio Lower Upper

45 100

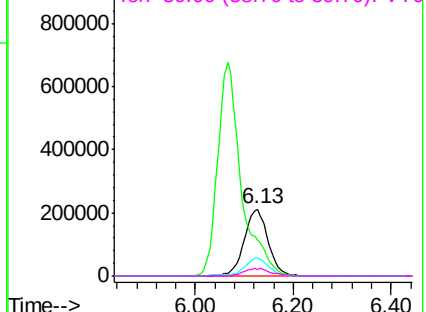
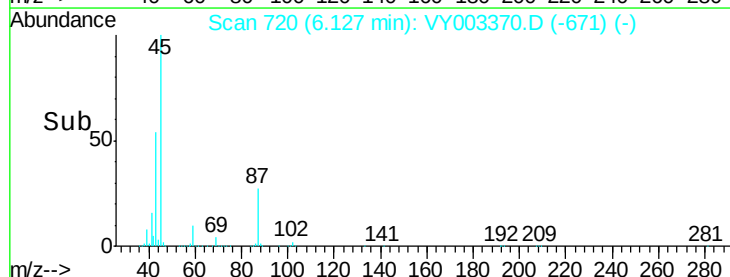
43 53.4 47.0 70.4

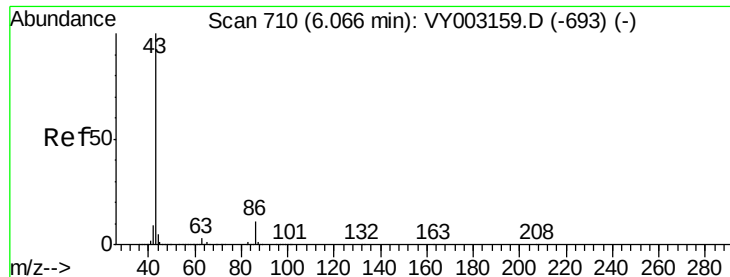
87 26.8 22.6 33.8

59 10.4 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: 257.984 ug/l

RT: 6.07 min Scan# 710

Delta R.T. 0.00 min

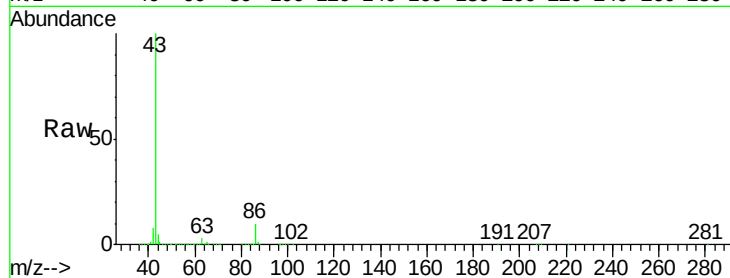
Lab File: VY003370.D

Acq: 28 Jul 2020 12:42

Instrument :
MSVOA_Y
ClientSampleId :

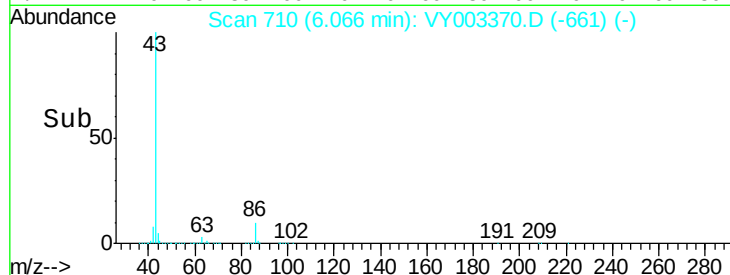
Tot Ion: 43 Resp: 2262697

Ion	Ratio	Lower	Upper
43	100		
86	10.2	8.8	13.2

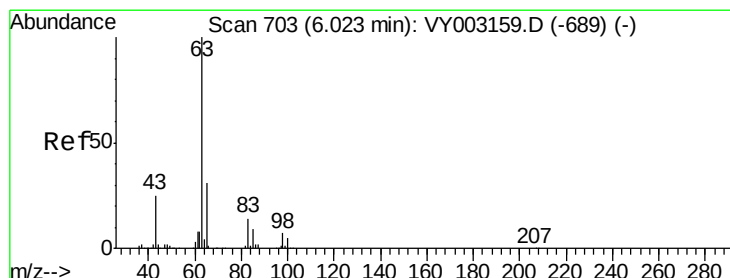


Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



Time-->



#24

1,1-Dichloroethane

Concen: 52.772 ug/l

RT: 6.02 min Scan# 703

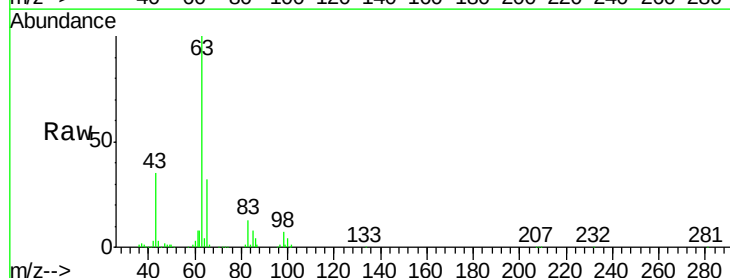
Delta R.T. 0.00 min

Lab File: VY003370.D

Acq: 28 Jul 2020 12:42

Tgt Ion: 63 Resp: 402309

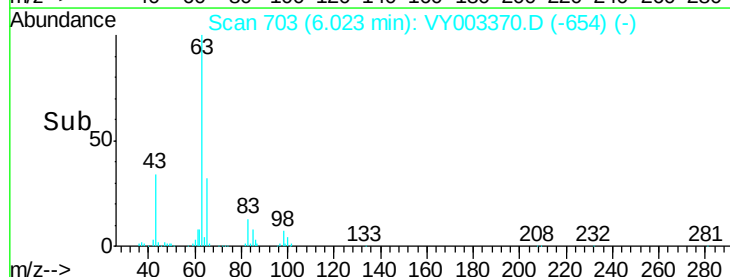
Ion	Ratio	Lower	Upper
63	100		
98	7.4	3.6	10.8
100	3.9	2.4	7.2



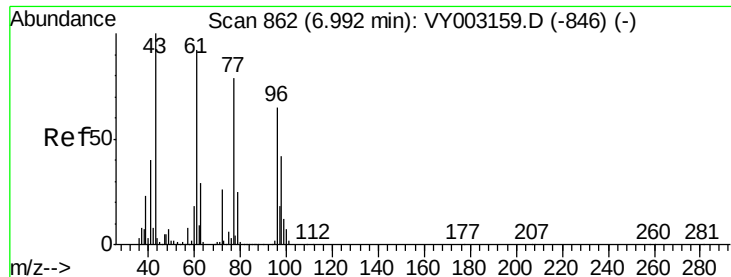
Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0



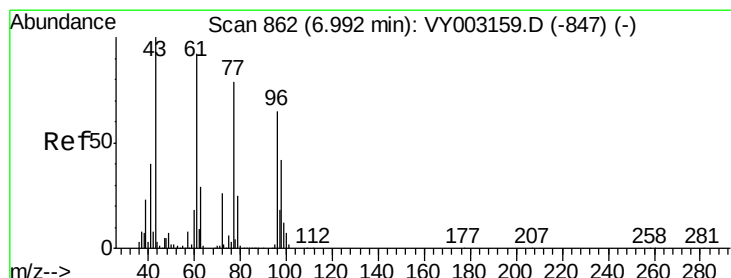
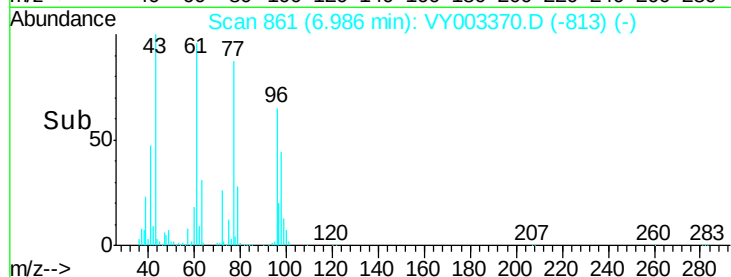
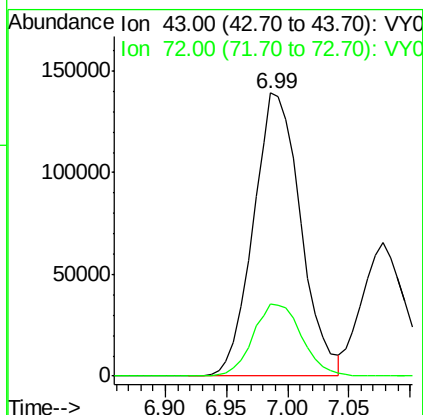
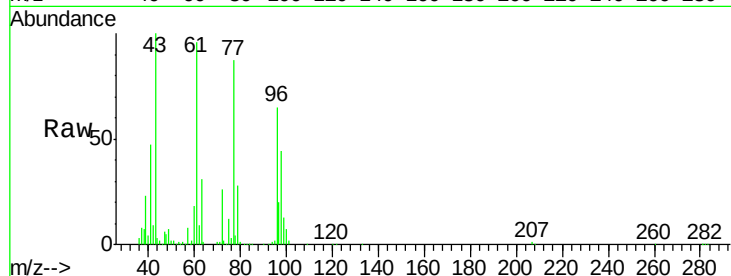
Time-->



#25
2-Butanone
Concen: 252.397 ug/l
RT: 6.99 min Scan# 861
Delta R.T. -0.01 min
Lab File: VY003370.D
Acq: 28 Jul 2020 12:42

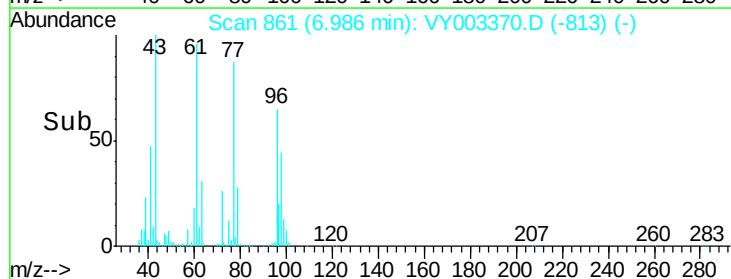
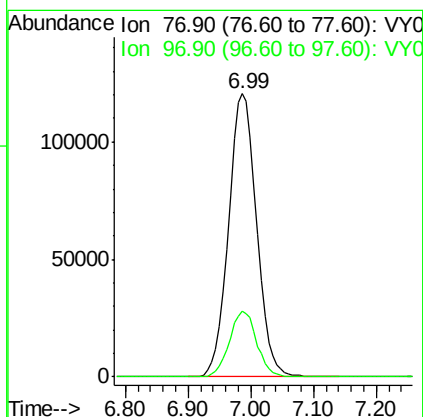
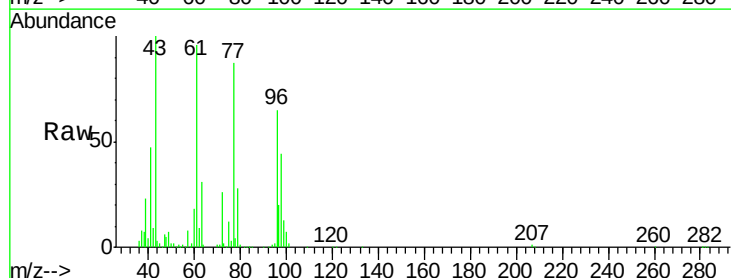
Instrument :
MSVOA_Y
ClientSampled :

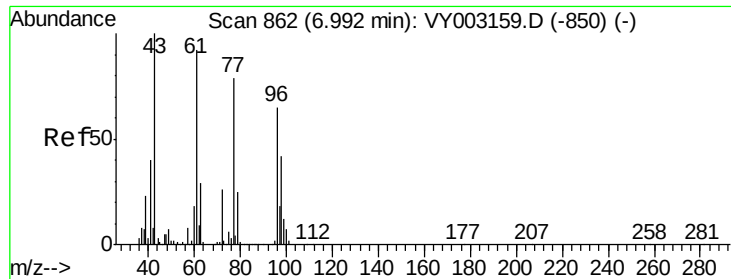
Tot Ion: 43 Resp: 375171
Ion Ratio Lower Upper
43 100
72 25.7 20.9 31.3



#26
2,2-Dichloropropane
Concen: 54.255 ug/l
RT: 6.99 min Scan# 861
Delta R.T. -0.01 min
Lab File: VY003370.D
Acq: 28 Jul 2020 12:42

Tgt Ion: 77 Resp: 372494
Ion Ratio Lower Upper
77 100
97 22.6 11.6 34.7



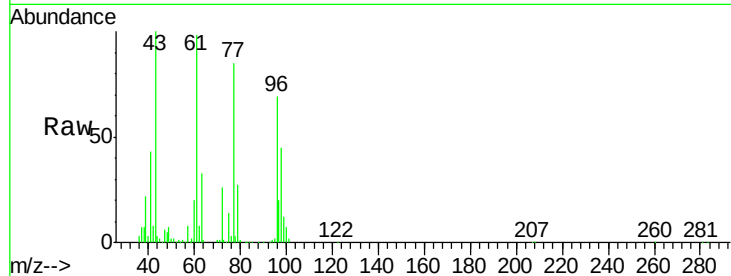


#27

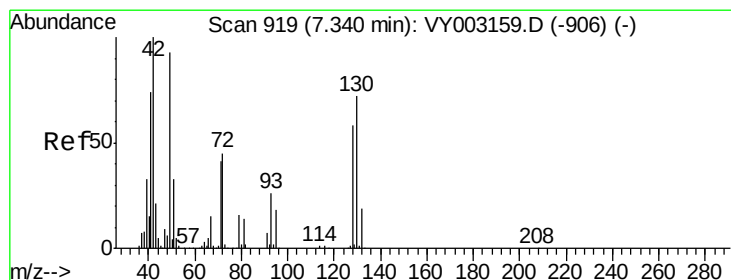
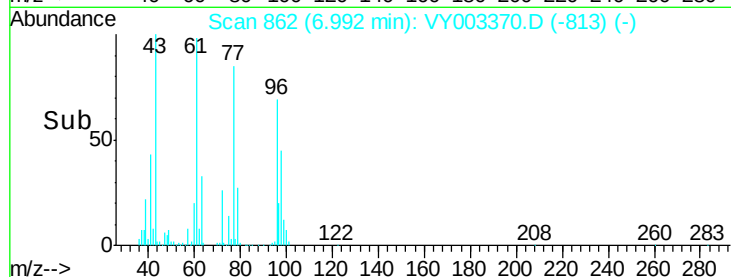
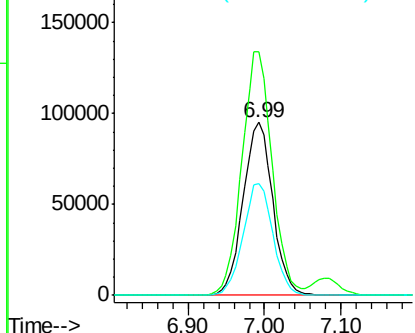
cis-1,2-Dichloroethene
Concen: 51.559 ug/l
RT: 6.99 min Scan# 862
Delta R.T. 0.00 min
Lab File: VY003370.D
Acq: 28 Jul 2020 12:42

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
96	100		
61	143.3	0.0	281.2
98	64.8	0.0	129.8



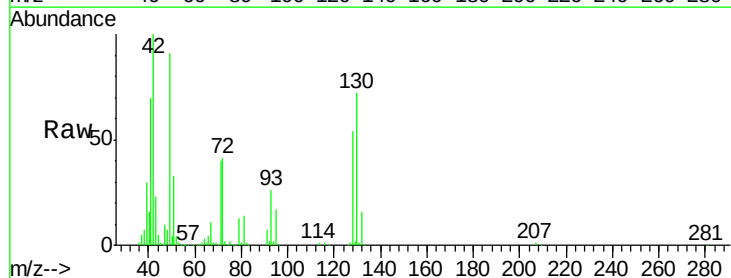
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



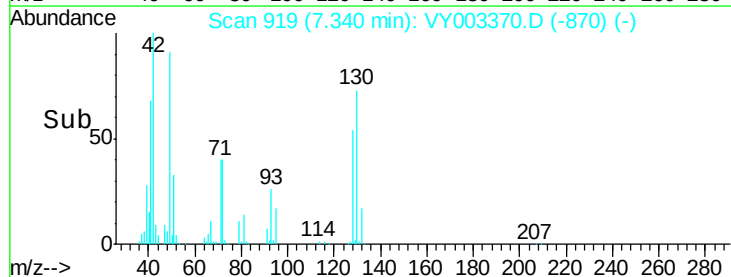
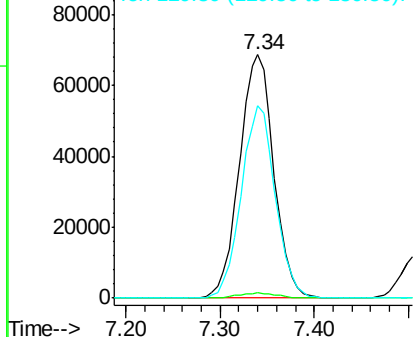
#28

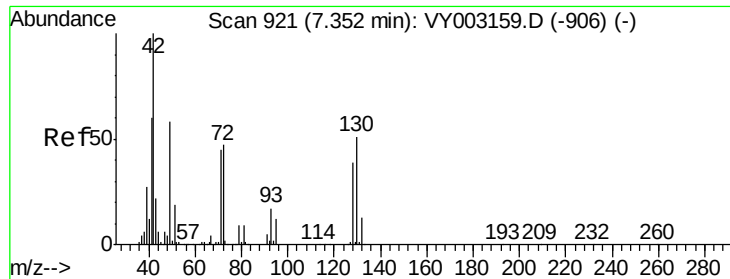
Bromochloromethane
Concen: 52.947 ug/l
RT: 7.34 min Scan# 919
Delta R.T. 0.00 min
Lab File: VY003370.D
Acq: 28 Jul 2020 12:42

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	5.0
130	78.4	64.9	97.3



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

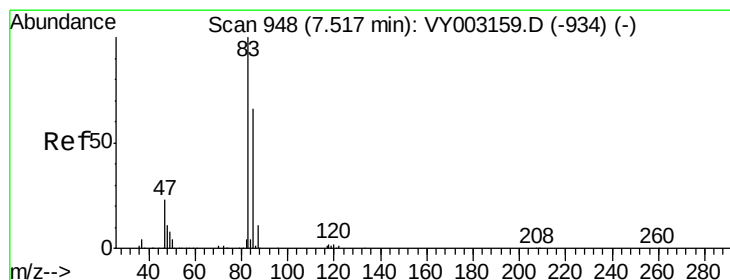
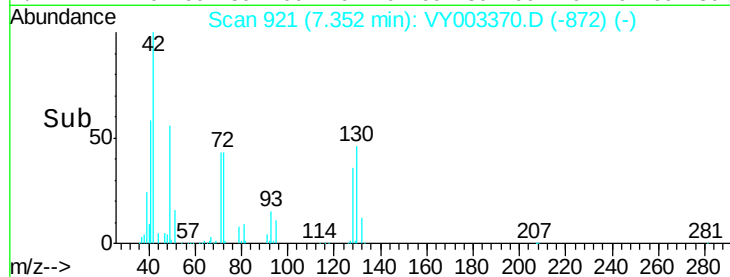
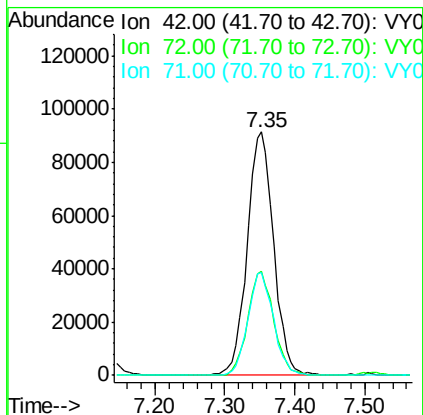
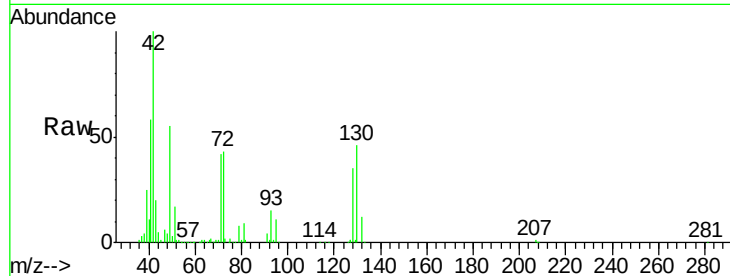




#29
Tetrahydrofuran
Concen: 240.726 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.00 min
Lab File: VY003370.D
Acq: 28 Jul 2020 12:42

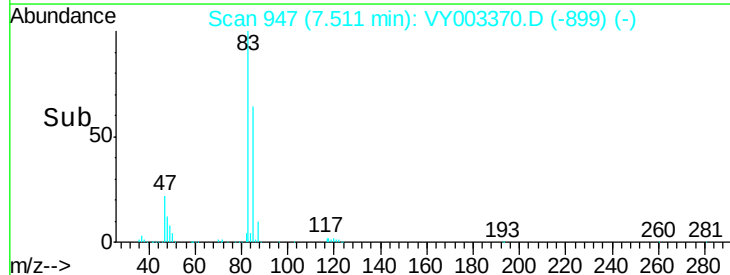
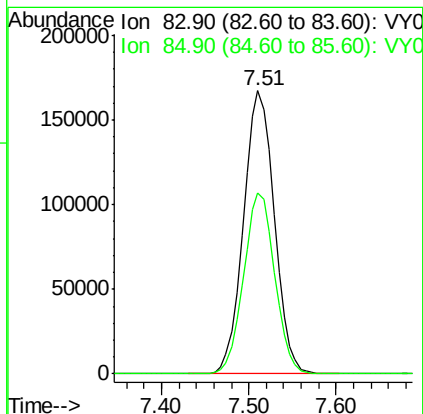
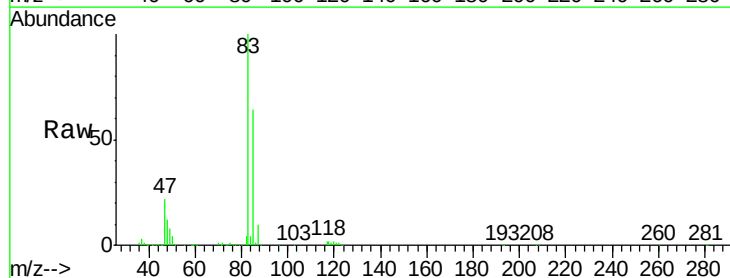
Instrument :
MSVOA_Y
ClientSampleId :

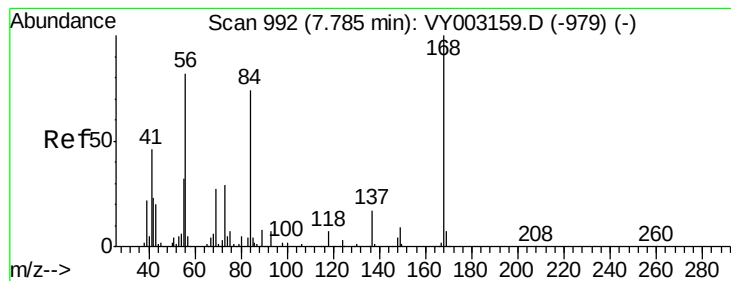
Tot Ion: 42 Resp: 240379
Ion Ratio Lower Upper
42 100
72 41.9 36.7 55.1
71 40.9 34.2 51.4



#30
Chloroform
Concen: 52.144 ug/l
RT: 7.51 min Scan# 947
Delta R.T. -0.01 min
Lab File: VY003370.D
Acq: 28 Jul 2020 12:42

Tgt Ion: 83 Resp: 409427
Ion Ratio Lower Upper
83 100
85 64.0 52.6 78.8





#31

Cyclohexane

Concen: 48.932 ug/l

RT: 7.78 min Scan# 992

Delta R.T. 0.00 min

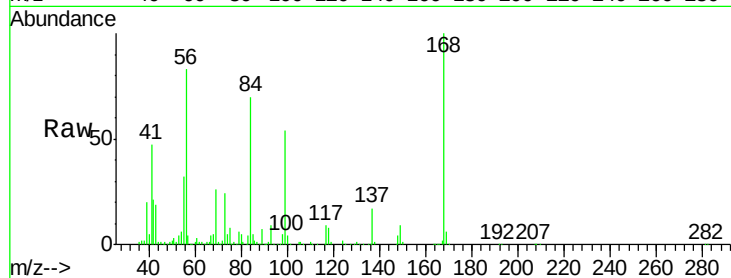
Lab File: VY003370.D

Acq: 28 Jul 2020 12:42

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 56 Resp: 360717

Ion	Ratio	Lower	Upper
56	100		
69	31.6	26.7	40.1
84	82.6	72.3	108.5

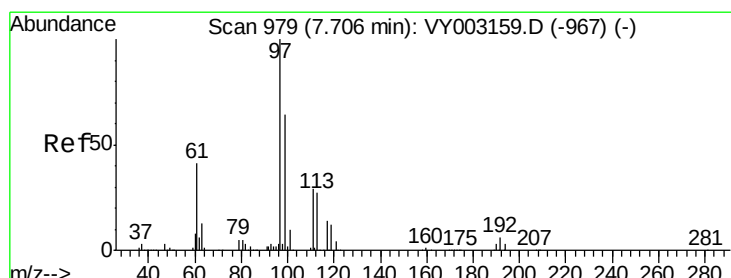
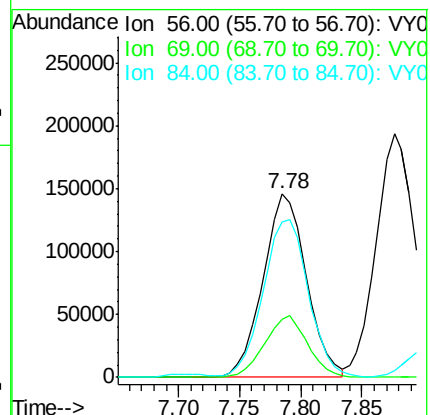
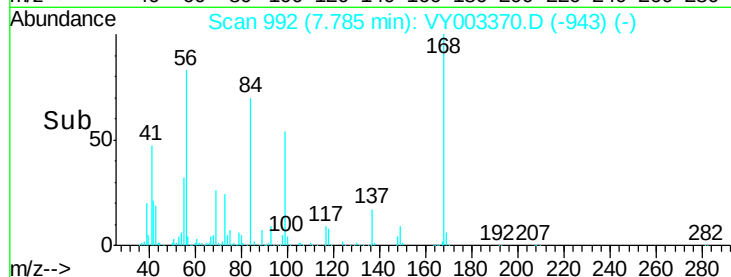


Abundance

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: 52.614 ug/l

RT: 7.71 min Scan# 979

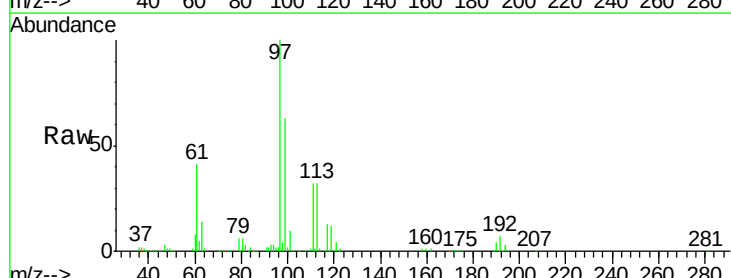
Delta R.T. 0.00 min

Lab File: VY003370.D

Acq: 28 Jul 2020 12:42

Tgt Ion: 97 Resp: 371907

Ion	Ratio	Lower	Upper
97	100		
99	64.6	52.1	78.1
61	41.1	33.9	50.9

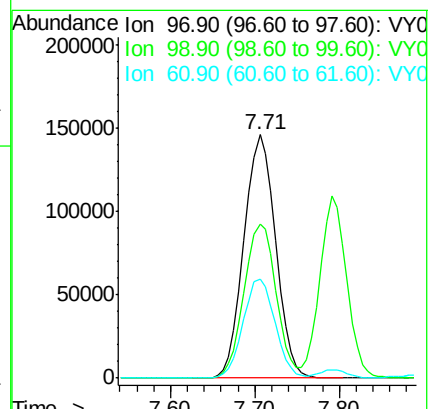
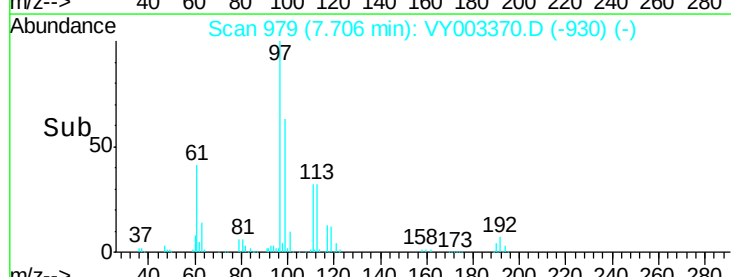


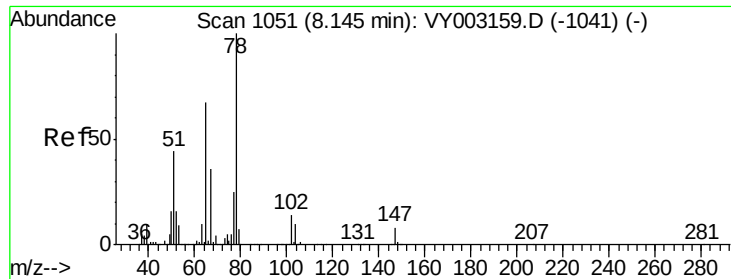
Abundance

Ion 96.90 (96.60 to 97.60): VY0

Ion 98.90 (98.60 to 99.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

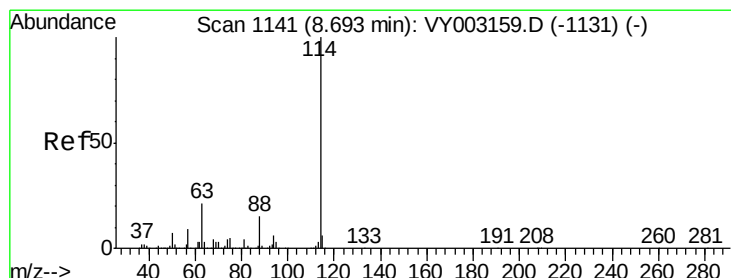
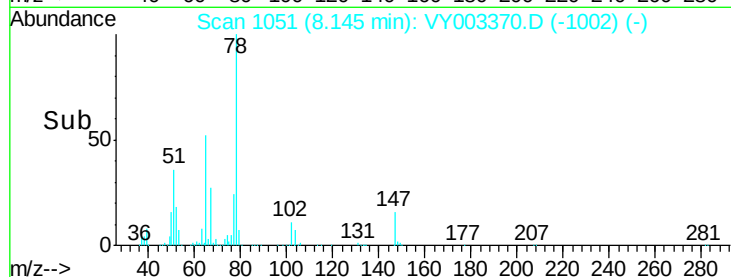
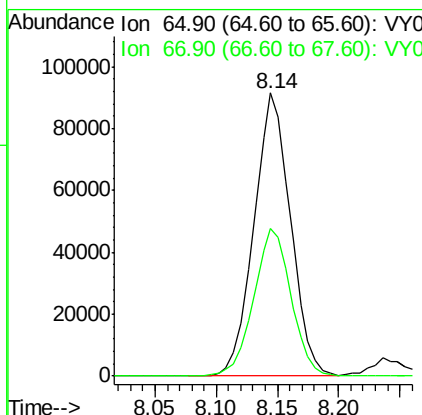
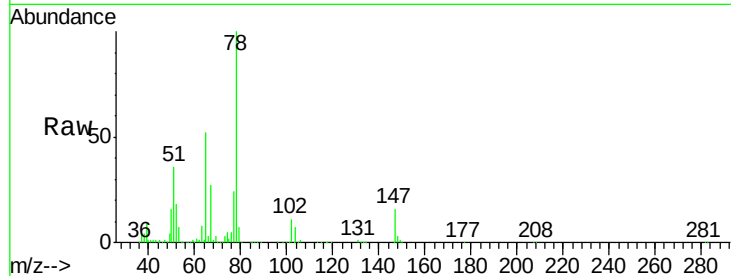




#33
 1,2-Dichloroethane-d4
 Concen: 47.017 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VY003370.D
 Acq: 28 Jul 2020 12:42

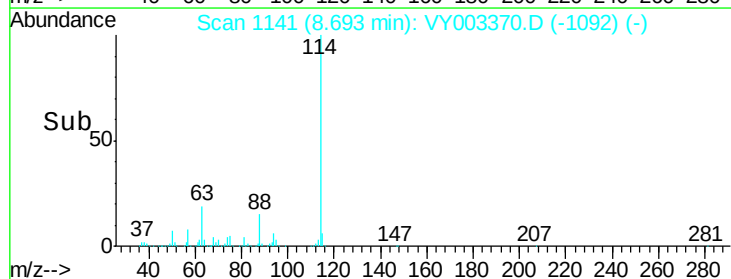
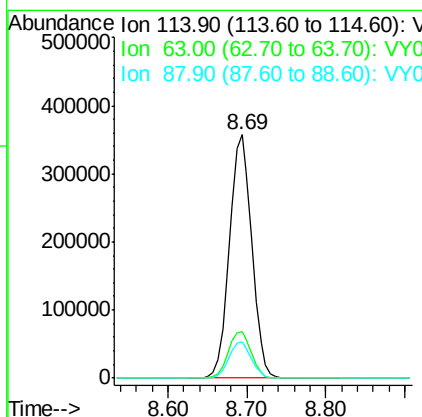
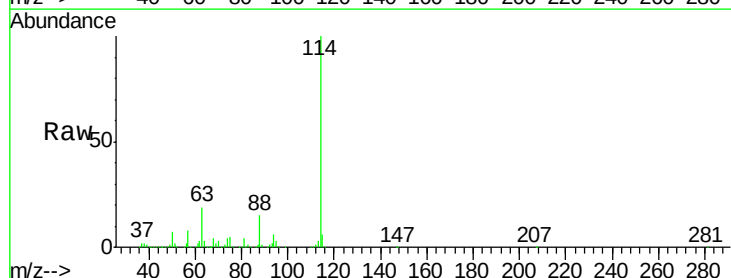
Instrument :
 MSVOA_Y
 ClientSampled :

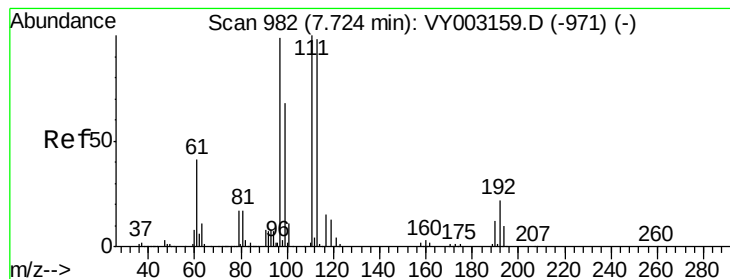
Tot Ion	65	Resp	190559
Ion	Ratio	Lower	Upper
65	100		
67	53.5	0.0	105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY003370.D
 Acq: 28 Jul 2020 12:42

Tgt Ion	114	Resp	701077
Ion	Ratio	Lower	Upper
114	100		
63	18.9	0.0	41.2
88	14.7	0.0	30.2





#35

Dibromofluoromethane

Concen: 46.543 ug/l

RT: 7.72 min Scan# 982

Delta R.T. 0.00 min

Lab File: VY003370.D

Acq: 28 Jul 2020 12:42

Instrument :
MSVOA_Y
ClientSampled :

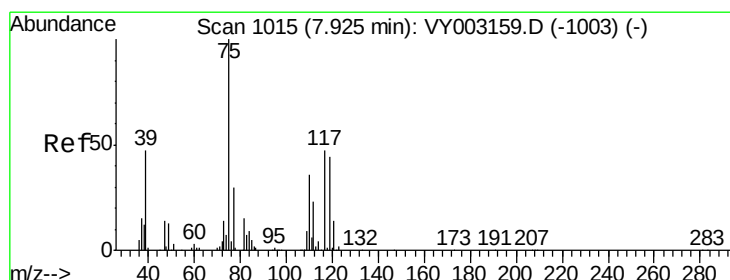
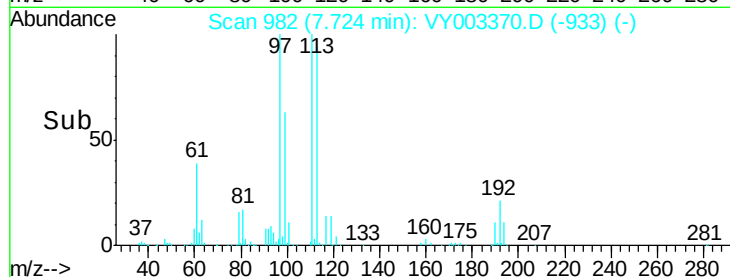
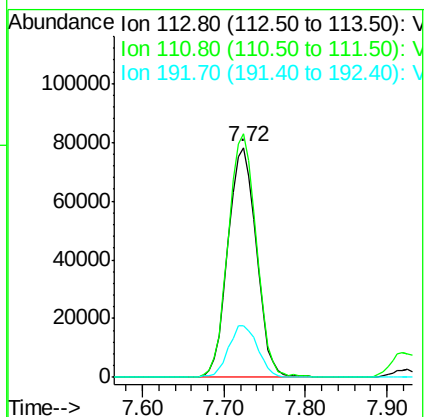
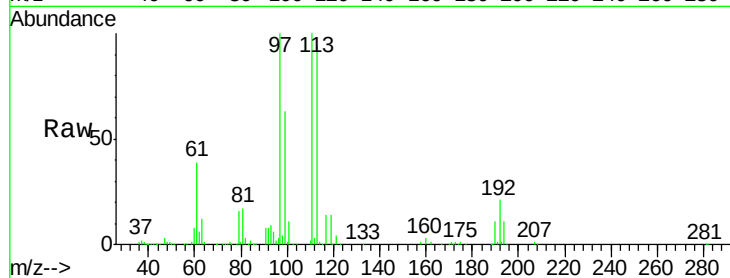
Tot Ion:113 Resp: 187781

Ion Ratio Lower Upper

113 100

111 105.3 82.1 123.1

192 23.0 18.8 28.2



#36

1,1-Dichloropropene

Concen: 50.577 ug/l

RT: 7.92 min Scan# 1014

Delta R.T. -0.01 min

Lab File: VY003370.D

Acq: 28 Jul 2020 12:42

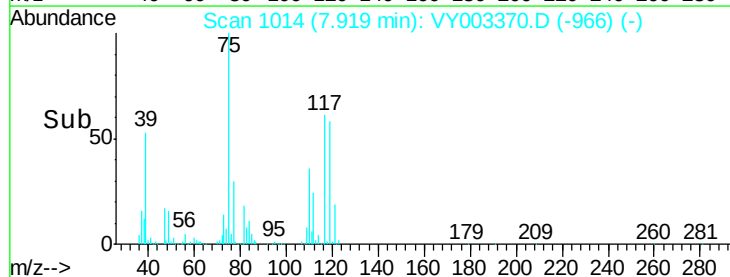
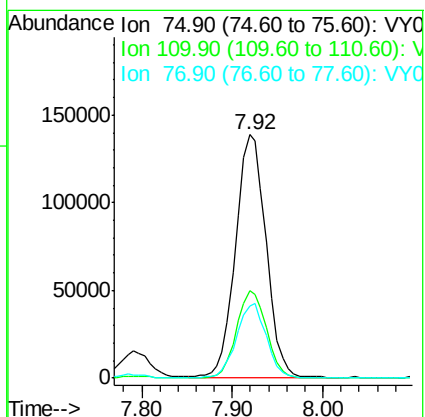
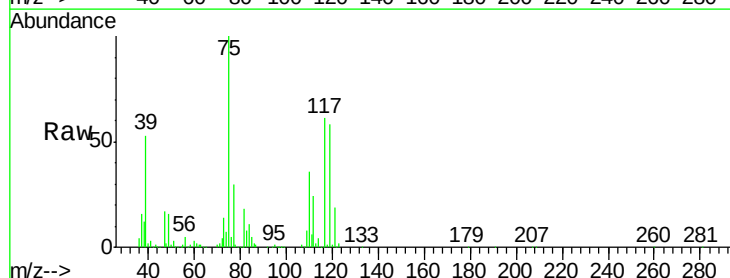
Tgt Ion: 75 Resp: 321371

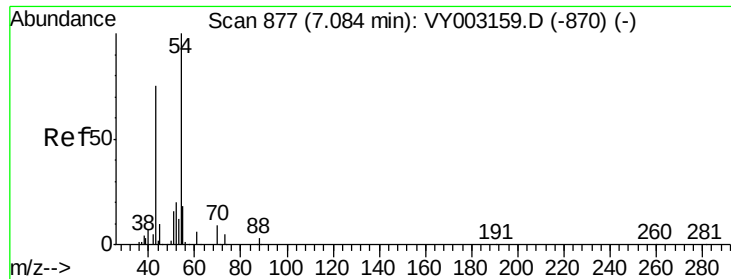
Ion Ratio Lower Upper

75 100

110 35.4 18.1 54.1

77 30.5 24.8 37.2

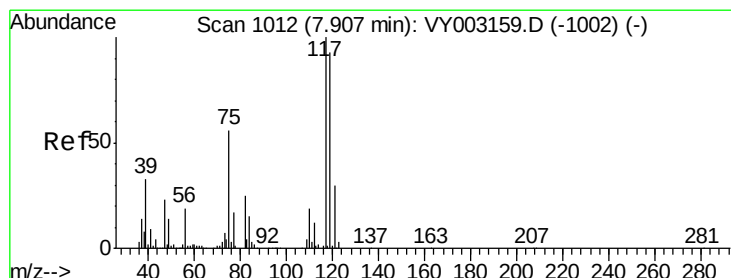
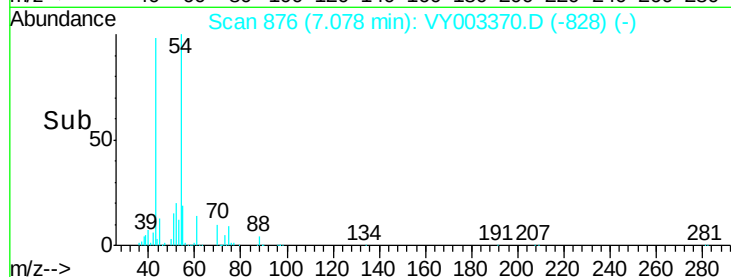
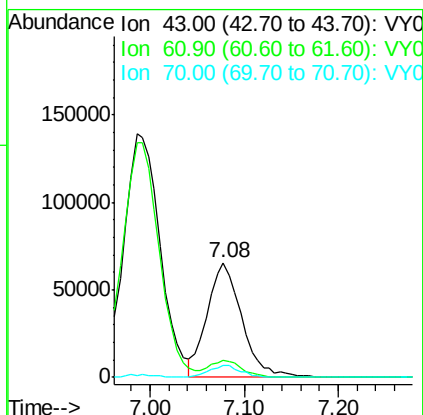
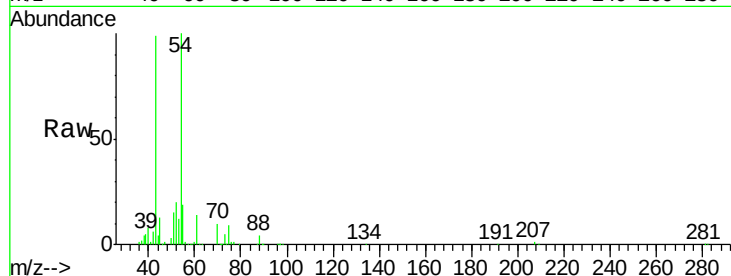




#37
Ethyl Acetate
Concen: 48.479 ug/l
RT: 7.08 min Scan# 876
Delta R.T. -0.01 min
Lab File: VY003370.D
Acq: 28 Jul 2020 12:42

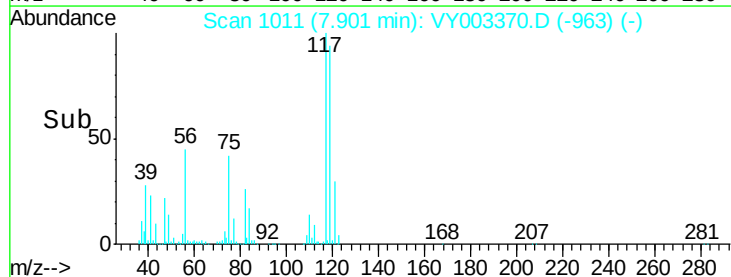
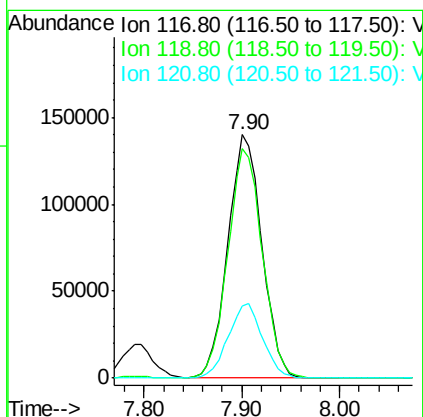
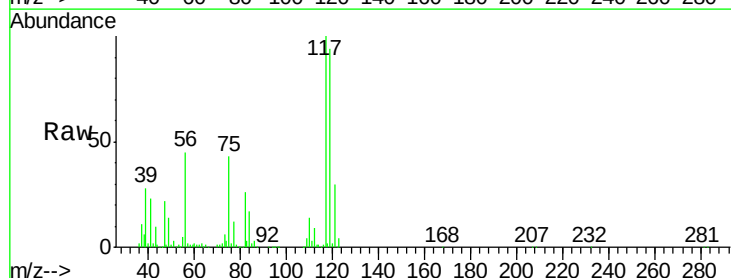
Instrument :
MSVOA_Y
ClientSampled :

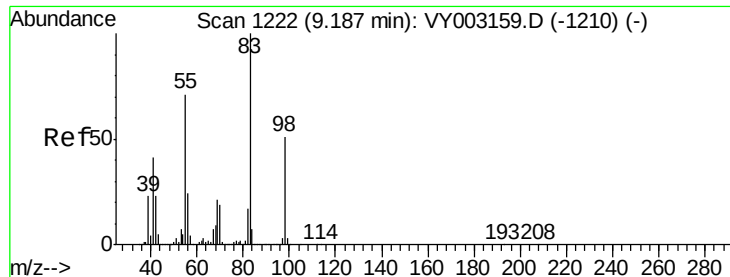
Tot Ion: 43 Resp: 165890
Ion Ratio Lower Upper
43 100
61 14.0 11.8 17.6
70 9.8 8.6 13.0



#38
Carbon Tetrachloride
Concen: 51.519 ug/l
RT: 7.90 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VY003370.D
Acq: 28 Jul 2020 12:42

Tgt Ion: 117 Resp: 337944
Ion Ratio Lower Upper
117 100
119 94.2 74.5 111.7
121 29.5 24.2 36.2

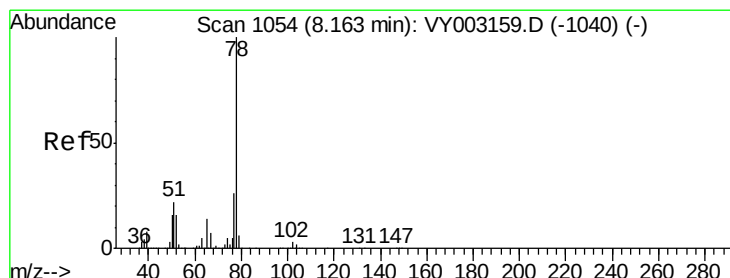
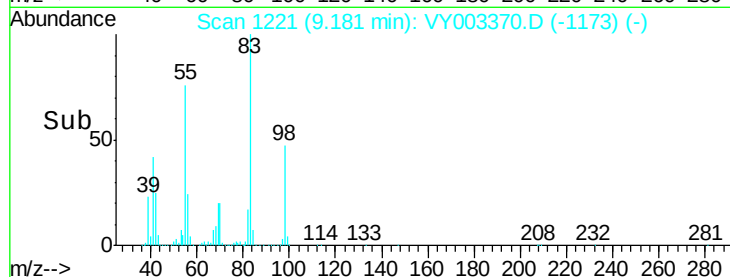
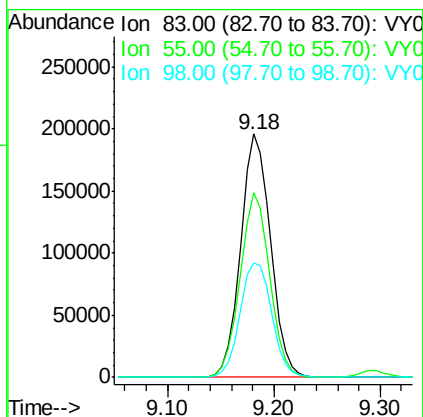
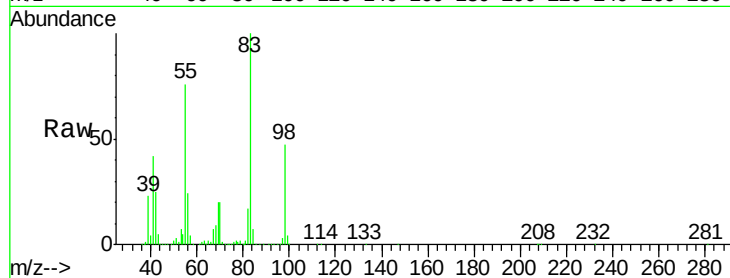




#39
Methylvlcyclohexane
Concen: 48.594 ug/l
RT: 9.18 min Scan# 1221
Delta R.T. -0.01 min
Lab File: VY003370.D
Acq: 28 Jul 2020 12:42

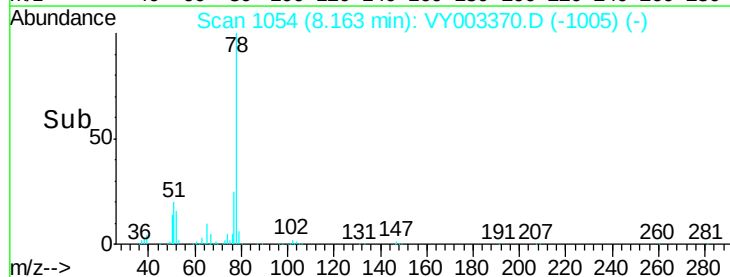
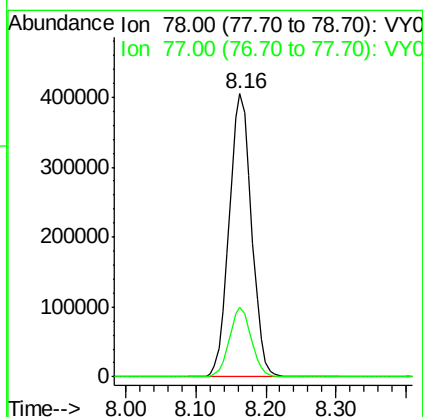
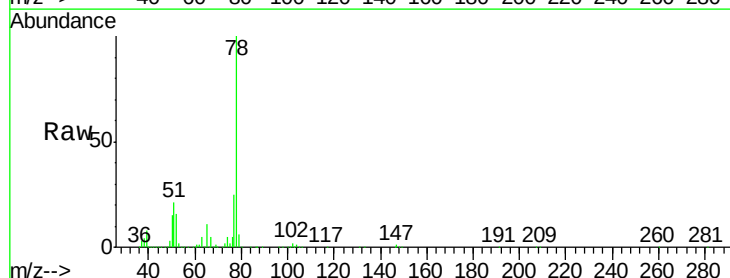
Instrument :
MSVOA_Y
ClientSampleId :

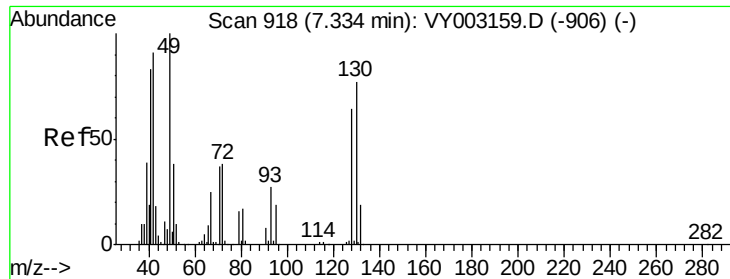
Tot Ion: 83 Resp: 387882
Ion Ratio Lower Upper
83 100
55 75.8 57.2 85.8
98 47.0 41.0 61.6



#40
Benzene
Concen: 51.305 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VY003370.D
Acq: 28 Jul 2020 12:42

Tgt Ion: 78 Resp: 897621
Ion Ratio Lower Upper
78 100
77 24.7 20.7 31.1

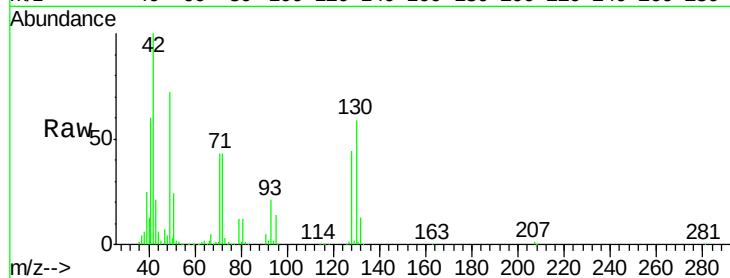




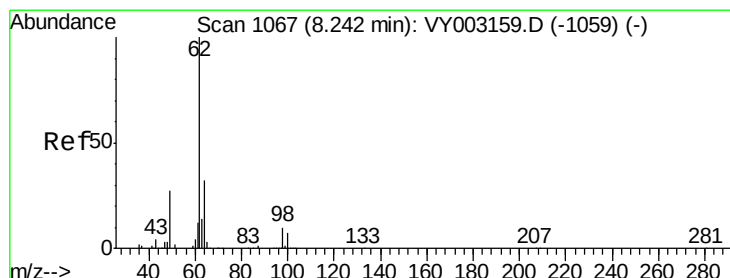
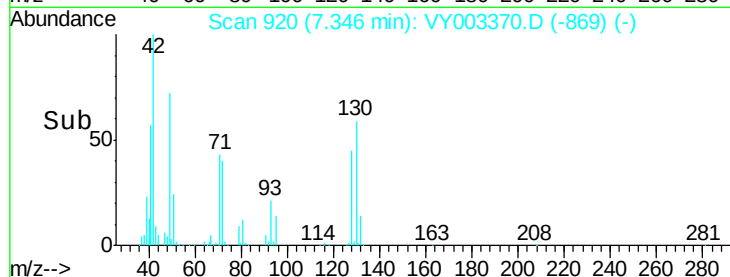
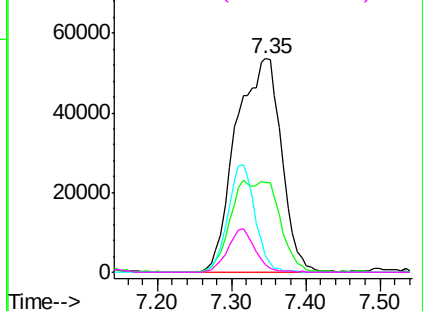
#41
Methacrylonitrile
Concen: 111.209 ug/l
RT: 7.35 min Scan# 920
Delta R.T. 0.01 min
Lab File: VY003370.D
Acq: 28 Jul 2020 12:42

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:	41	Resp:	229190
Ion	Ratio	Lower	Upper
41	100		
39	0.0	83.3	124.9#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

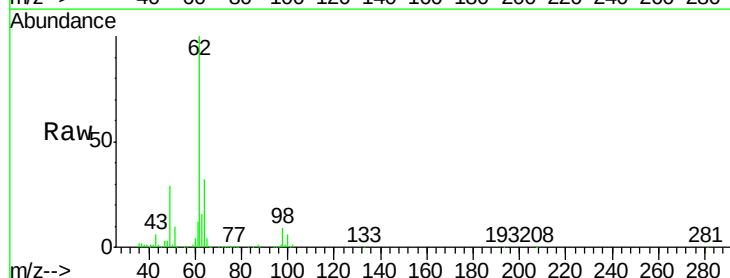


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

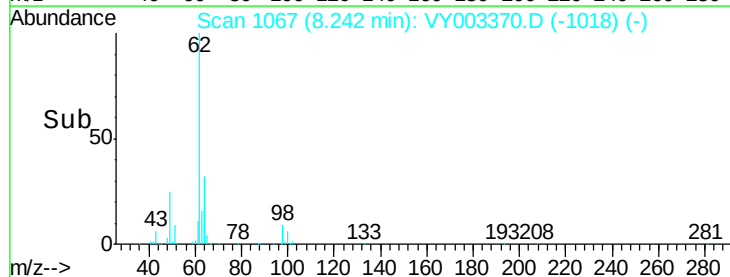
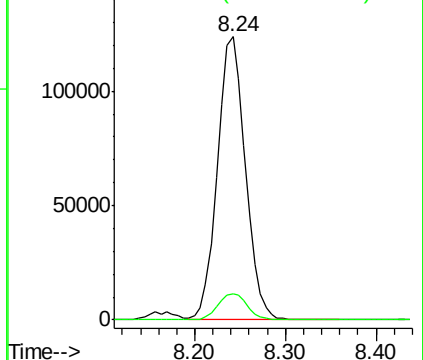


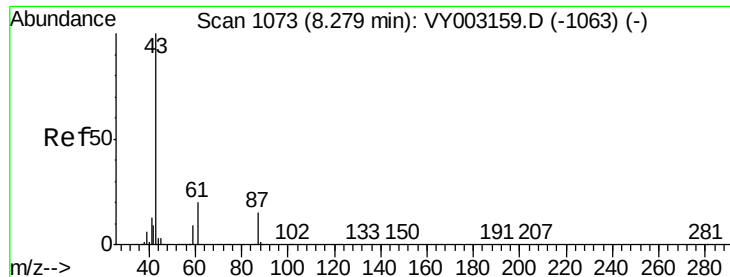
#42
1,2-Dichloroethane
Concen: 49.519 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. 0.00 min
Lab File: VY003370.D
Acq: 28 Jul 2020 12:42

Tgt Ion:	62	Resp:	266724
Ion	Ratio	Lower	Upper
62	100		
98	9.6	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: 48.032 ug/l

RT: 8.27 min Scan# 1072

Delta R.T. -0.01 min

Lab File: VY003370.D

Acq: 28 Jul 2020 12:42

Instrument :

MSVOA_Y

ClientSampleId :

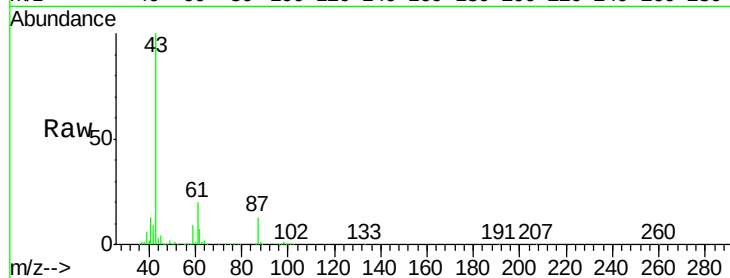
Tot Ion: 43 Resp: 318140

Ion Ratio Lower Upper

43 100

61 29.7 23.7 35.5

87 13.5 11.4 17.0



Abundance Ion 43.00 (42.70 to 43.70): VY003370.D (-1024) (-)

Ion 61.00 (60.70 to 61.70): VY003370.D (-1024) (-)

Ion 87.00 (86.70 to 87.70): VY003370.D (-1024) (-)

8.27

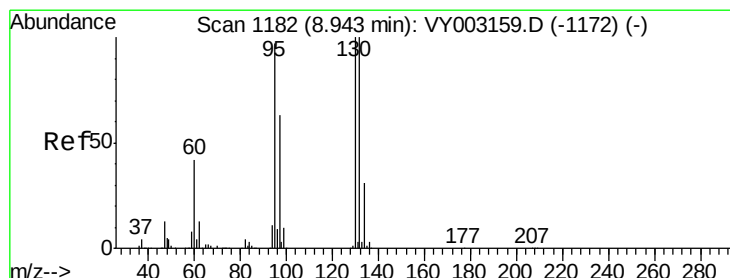
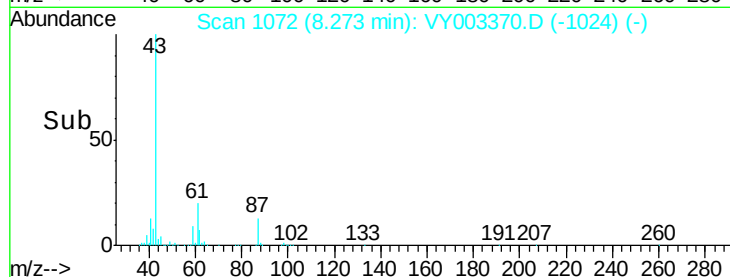
150000

100000

50000

0

Time-->



#44

Trichloroethene

Concen: 47.988 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VY003370.D

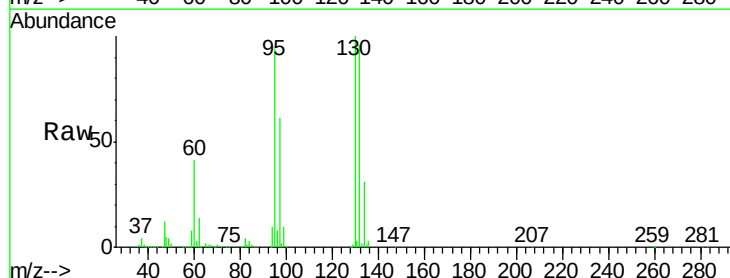
Acq: 28 Jul 2020 12:42

Tgt Ion: 130 Resp: 257379

Ion Ratio Lower Upper

130 100

95 94.1 0.0 193.8



Abundance Ion 129.80 (129.50 to 130.50): VY003370.D (-1133) (-)

Ion 94.90 (94.60 to 95.60): VY003370.D (-1133) (-)

8.94

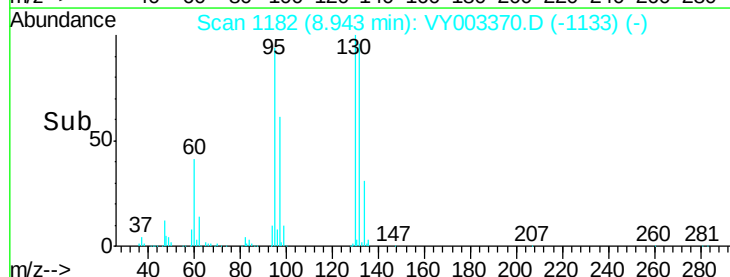
150000

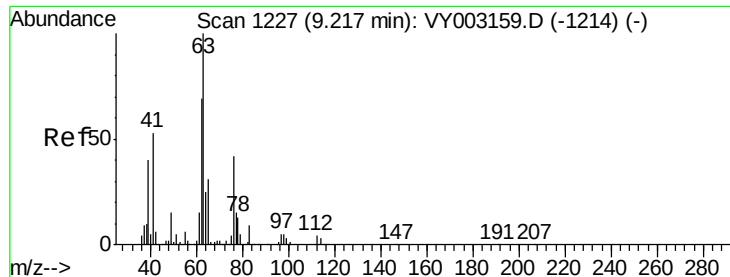
100000

50000

0

Time-->

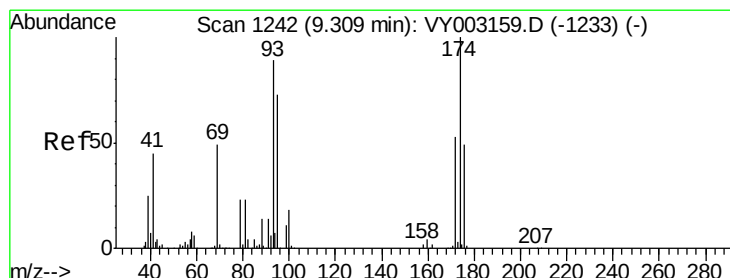
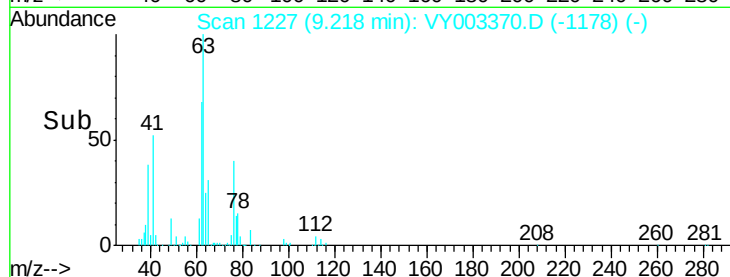
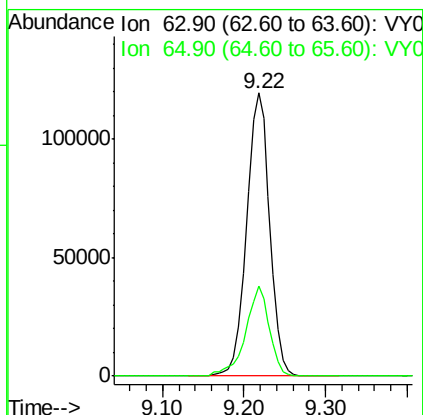
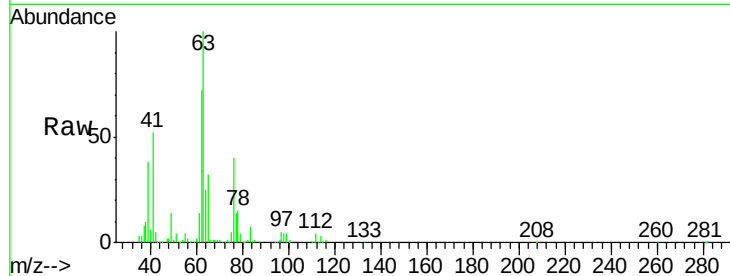




#45
 1,2-Dichloropropane
 Concen: 51.996 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. 0.00 min
 Lab File: VY003370.D
 Acq: 28 Jul 2020 12:42

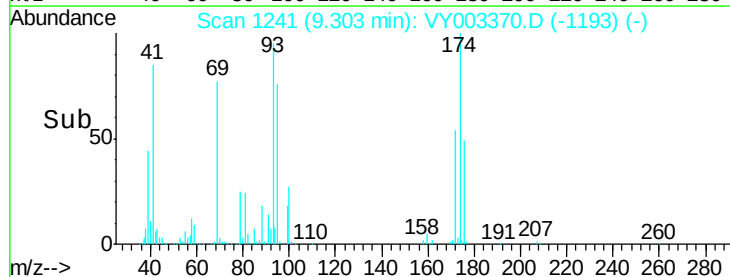
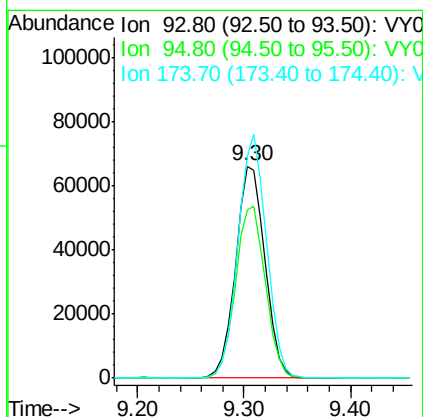
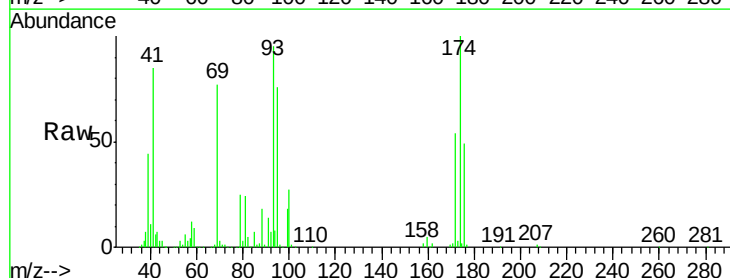
Instrument :
 MSVOA_Y
 ClientSampled :

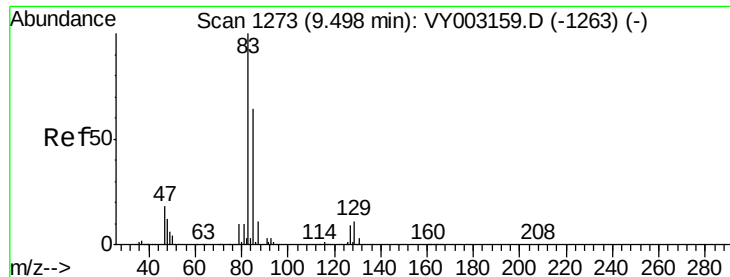
Tot Ion: 63 Resp: 235393
 Ion Ratio Lower Upper
 63 100
 65 31.7 25.0 37.4



#46
 Dibromomethane
 Concen: 48.386 ug/l
 RT: 9.30 min Scan# 1241
 Delta R.T. -0.01 min
 Lab File: VY003370.D
 Acq: 28 Jul 2020 12:42

Tgt Ion: 93 Resp: 127940
 Ion Ratio Lower Upper
 93 100
 95 82.4 66.6 99.8
 174 112.0 90.2 135.4





#47

Bromodichloromethane

Concen: 51.923 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VY003370.D

Acq: 28 Jul 2020 12:42

Instrument :

MSVOA_Y

ClientSampleId :

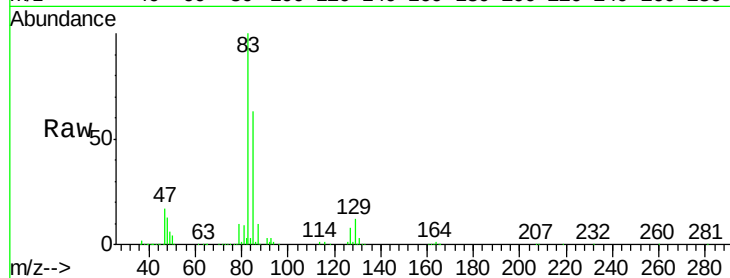
Tot Ion: 83 Resp: 326524

Ion Ratio Lower Upper

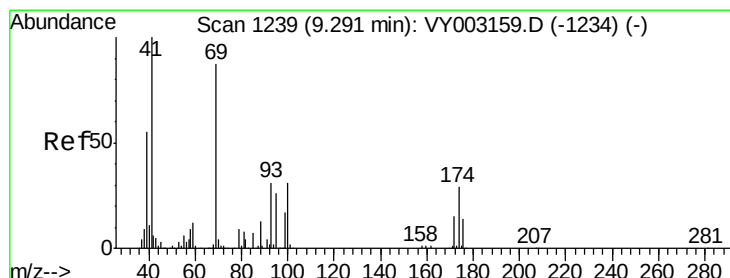
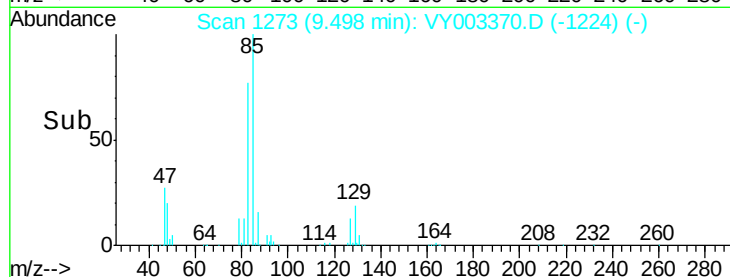
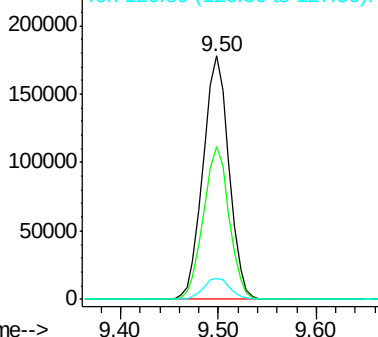
83 100

85 63.0 50.9 76.3

127 8.4 7.0 10.4



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



#48

Methyl methacrylate

Concen: 49.076 ug/l

RT: 9.29 min Scan# 1239

Delta R.T. 0.00 min

Lab File: VY003370.D

Acq: 28 Jul 2020 12:42

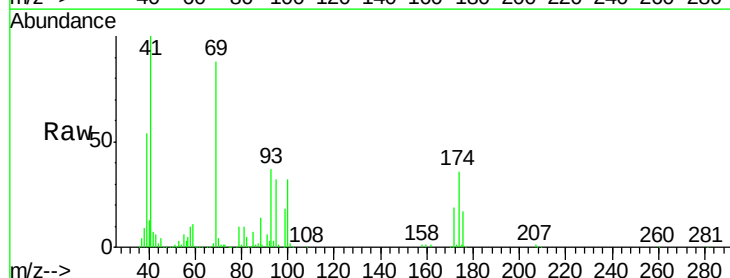
Tgt Ion: 41 Resp: 145317

Ion Ratio Lower Upper

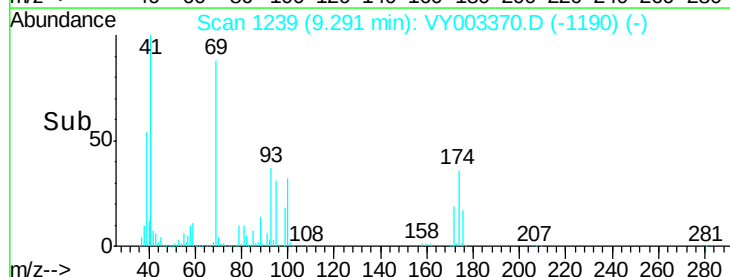
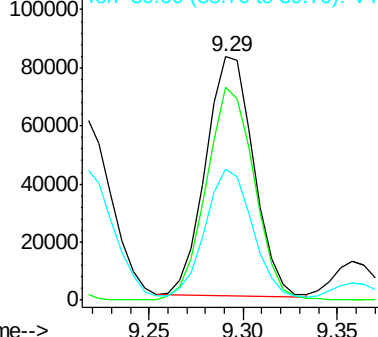
41 100

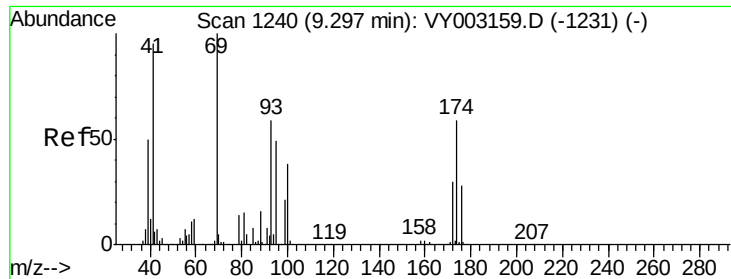
69 89.1 74.5 111.7

39 52.4 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

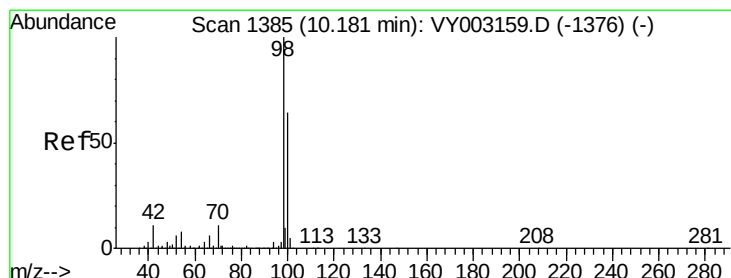
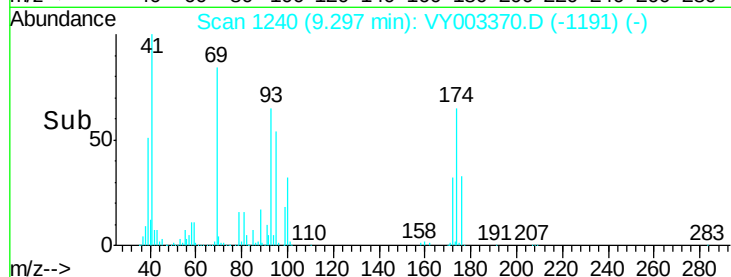
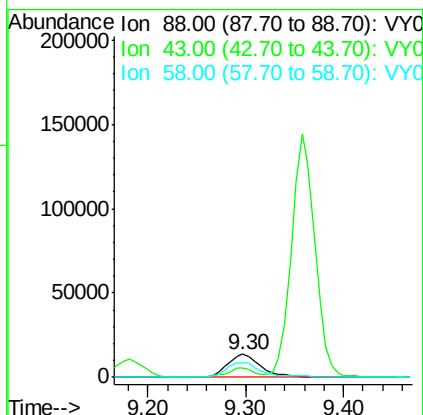
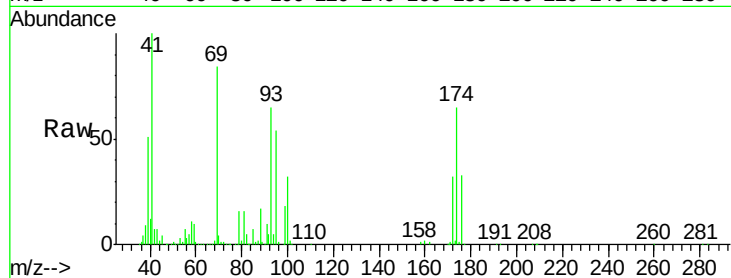




#49
1,4-Dioxane
Concen: 974.988 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VY003370.D
Acq: 28 Jul 2020 12:42

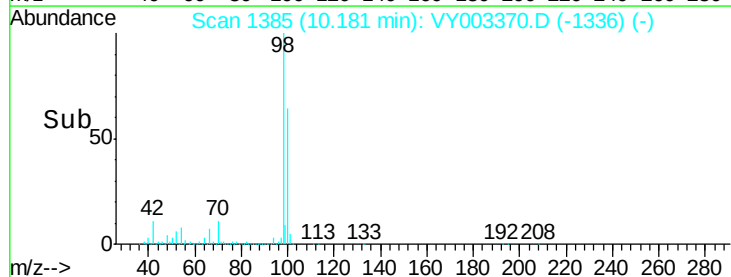
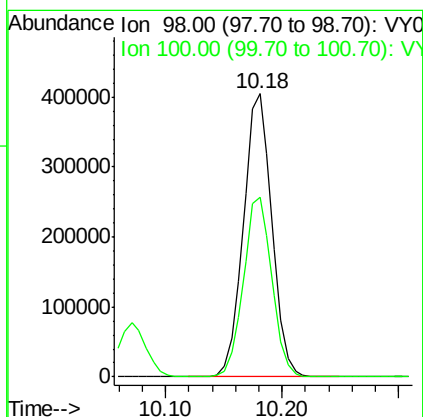
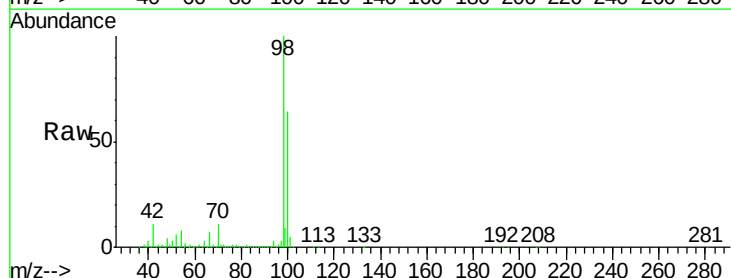
Instrument :
MSVOA_Y
ClientSampleId :

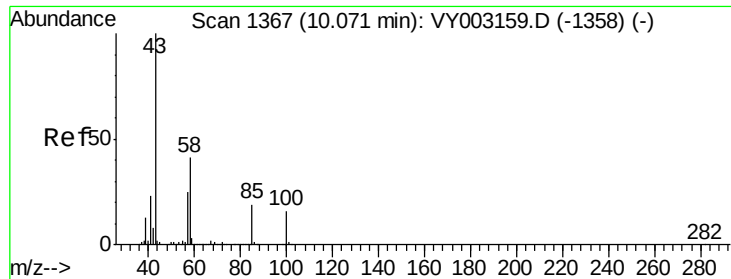
Tot Ion: 88 Resp: 32719
Ion Ratio Lower Upper
88 100
43 32.9 25.6 38.4
58 62.7 47.8 71.6



#50
Toluene-d8
Concen: 45.992 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY003370.D
Acq: 28 Jul 2020 12:42

Tgt Ion: 98 Resp: 689869
Ion Ratio Lower Upper
98 100
100 63.4 50.7 76.1

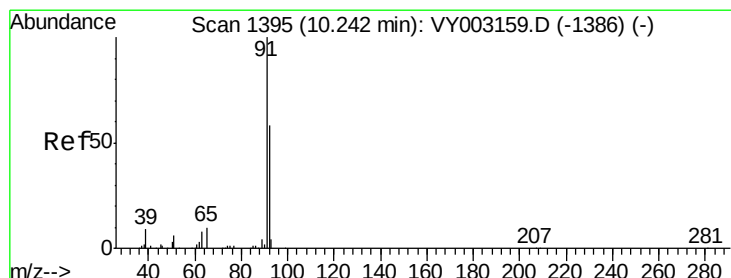
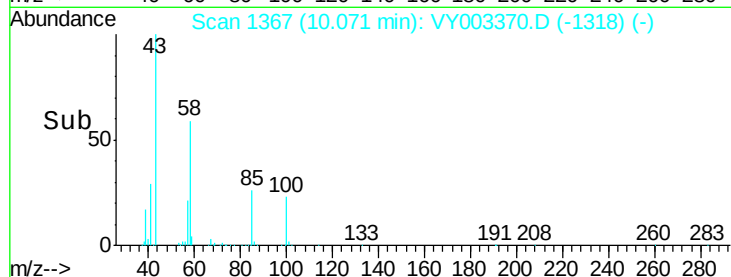
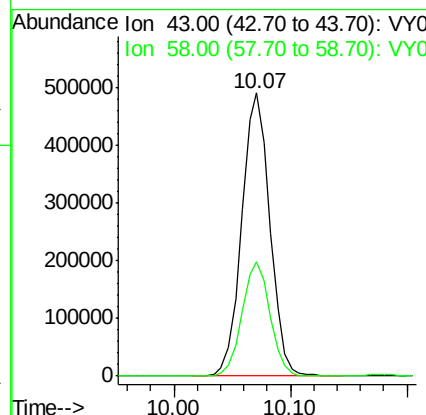
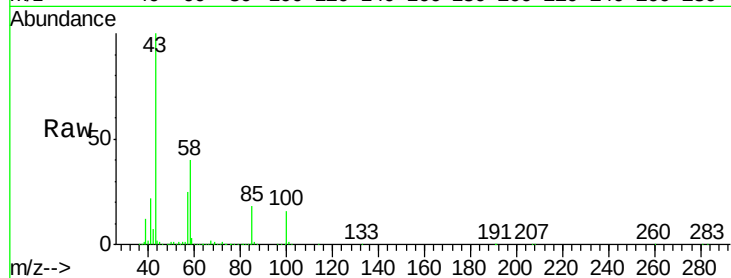




#51
4-Methyl-2-Pentanone
Concen: 239.737 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VY003370.D
Acq: 28 Jul 2020 12:42

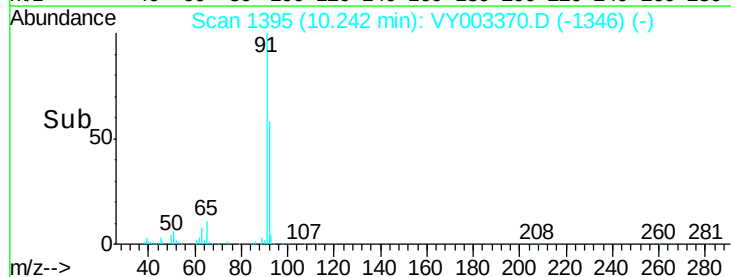
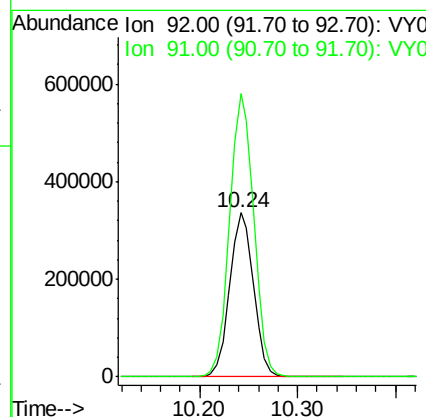
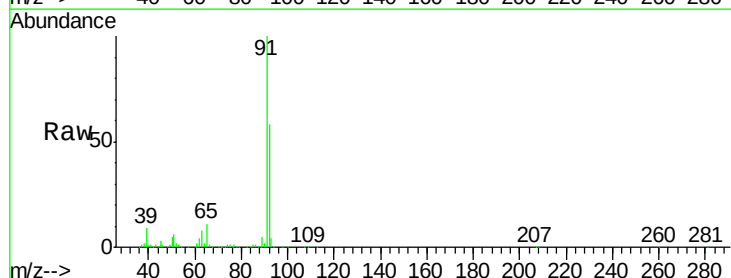
Instrument :
MSVOA_Y
ClientSampled :

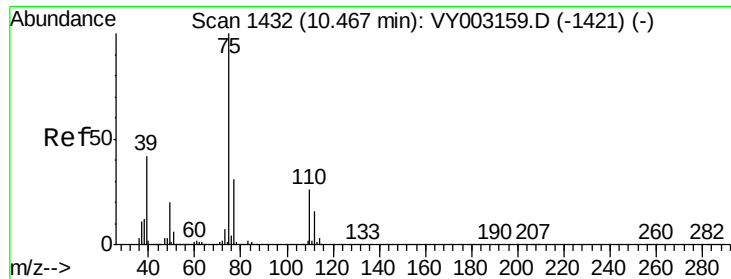
Tot Ion: 43 Resp: 825338
Ion Ratio Lower Upper
43 100
58 40.2 32.7 49.1



#52
Toluene
Concen: 50.751 ug/l
RT: 10.24 min Scan# 1395
Delta R.T. 0.00 min
Lab File: VY003370.D
Acq: 28 Jul 2020 12:42

Tgt Ion: 92 Resp: 567538
Ion Ratio Lower Upper
92 100
91 174.7 139.7 209.5





#53

t-1,3-Dichloropropene

Concen: 51.399 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VY003370.D

Acq: 28 Jul 2020 12:42

Instrument :

MSVOA_Y

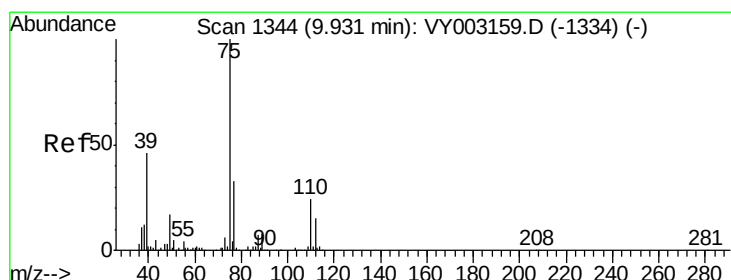
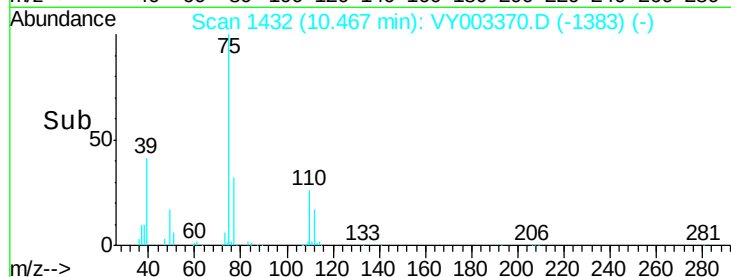
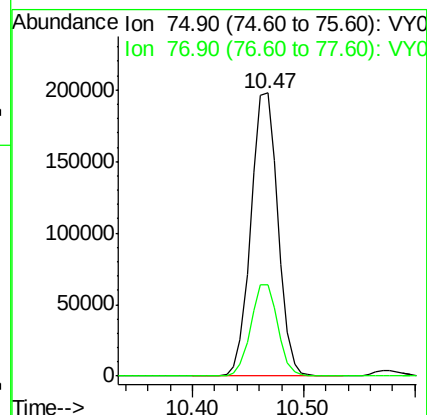
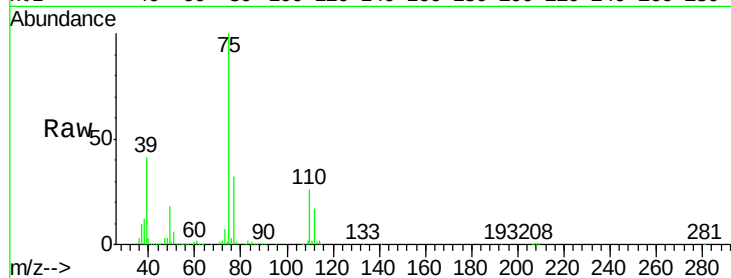
ClientSampleId :

Tot Ion: 75 Resp: 334897

Ion Ratio Lower Upper

75 100

77 32.4 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 50.822 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. 0.00 min

Lab File: VY003370.D

Acq: 28 Jul 2020 12:42

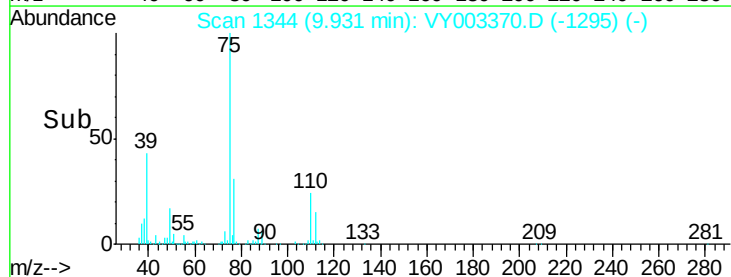
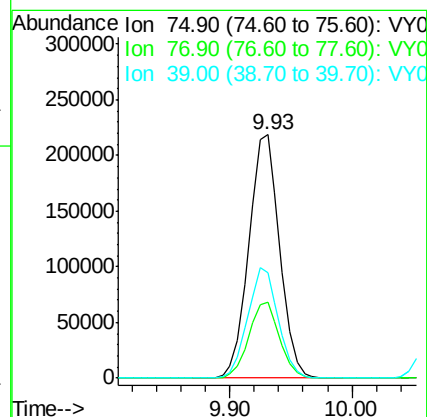
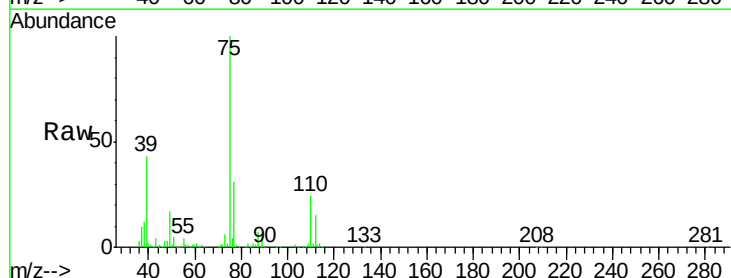
Tgt Ion: 75 Resp: 381530

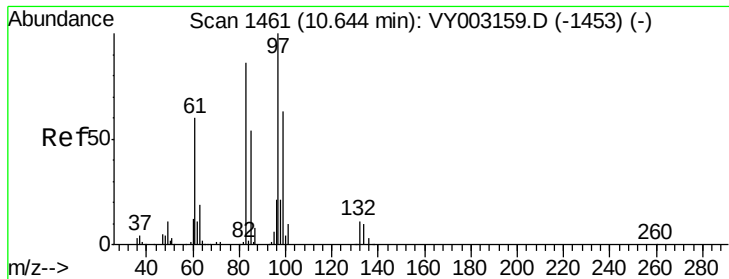
Ion Ratio Lower Upper

75 100

77 31.3 26.7 40.1

39 43.4 37.0 55.6

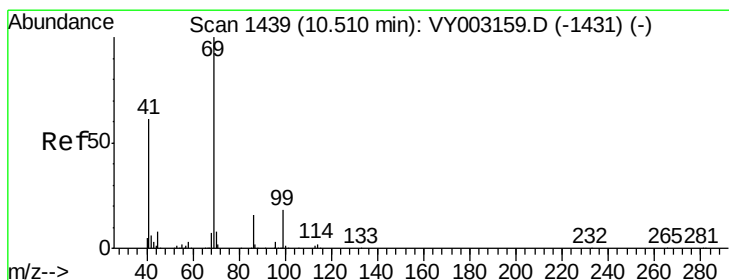
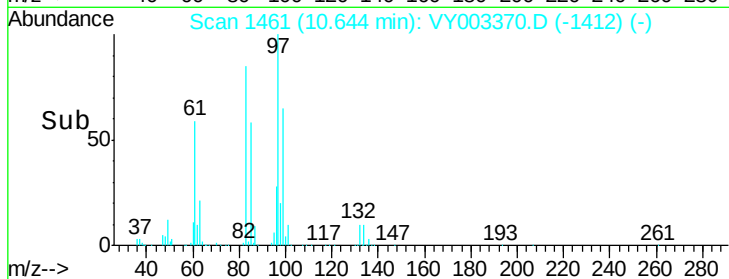
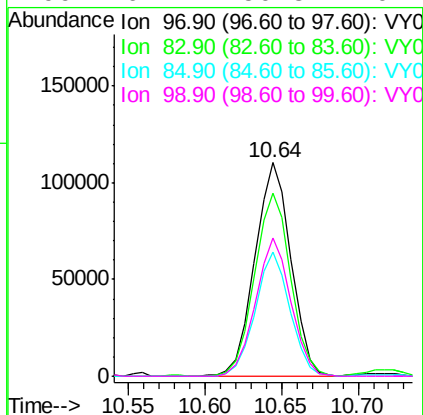
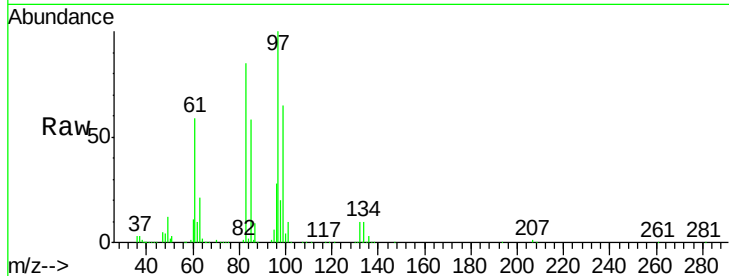




#55
 1,1,2-Trichloroethane
 Concen: 48.260 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY003370.D
 Acq: 28 Jul 2020 12:42

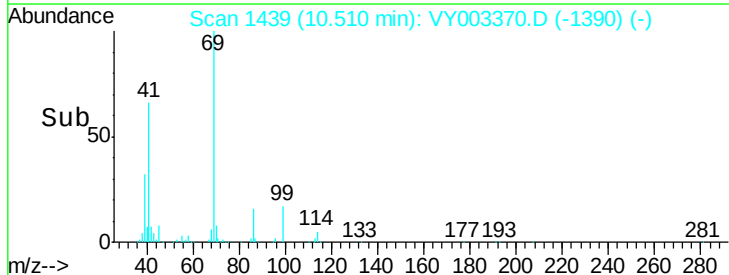
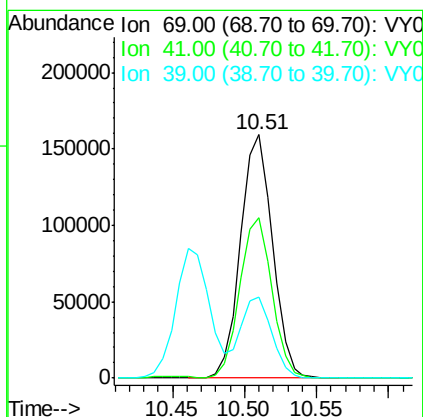
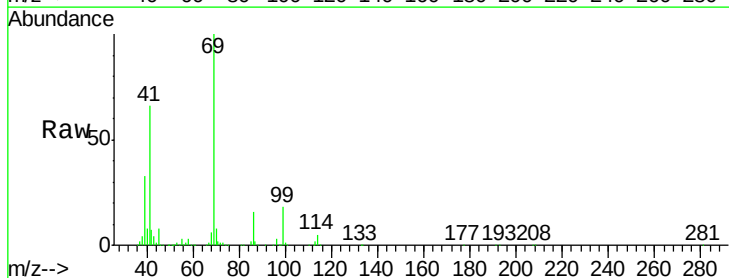
Instrument :
 MSVOA_Y
 ClientSampleId :

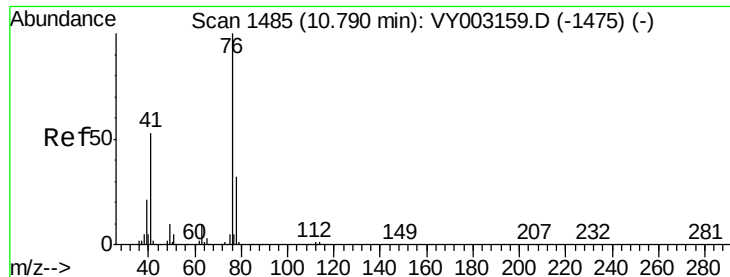
Tot Ion:	97	Resp:	180823
Ion	Ratio	Lower	Upper
97	100		
83	85.3	68.8	103.2
85	57.7	43.1	64.7
99	64.7	50.8	76.2



#56
 Ethyl methacrylate
 Concen: 48.301 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY003370.D
 Acq: 28 Jul 2020 12:42

Tgt Ion:	69	Resp:	246046
Ion	Ratio	Lower	Upper
69	100		
41	65.7	50.0	75.0
39	33.0	27.6	41.4





#57

1,3-Dichloropropane

Concen: 49.365 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VY003370.D

Acq: 28 Jul 2020 12:42

Instrument :

MSVOA_Y

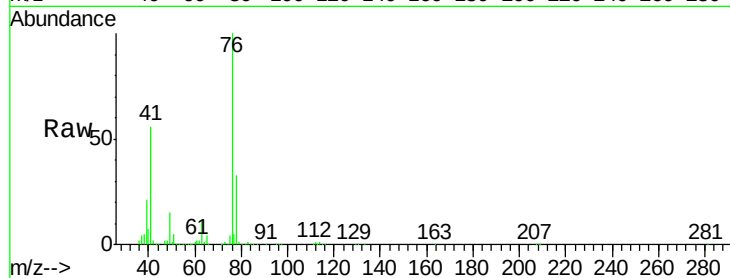
ClientSampleId :

Tot Ion: 76 Resp: 313616

Ion Ratio Lower Upper

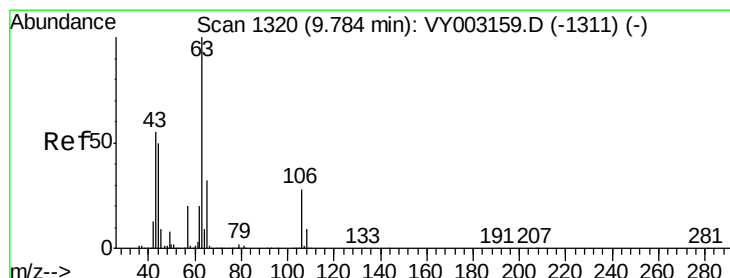
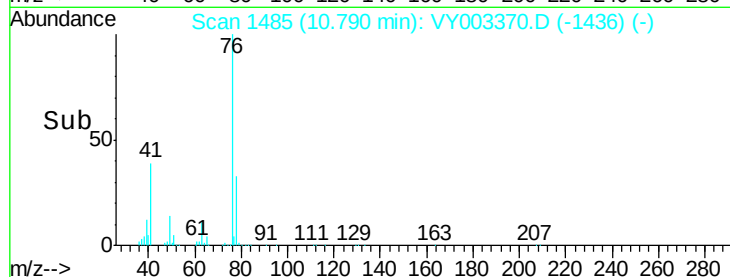
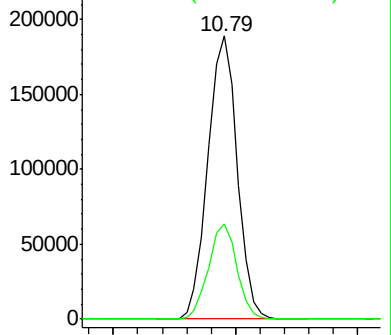
76 100

78 32.7 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: 250.892 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. 0.00 min

Lab File: VY003370.D

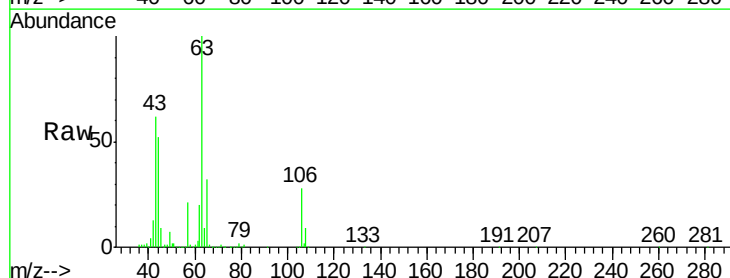
Acq: 28 Jul 2020 12:42

Tgt Ion: 63 Resp: 651797

Ion Ratio Lower Upper

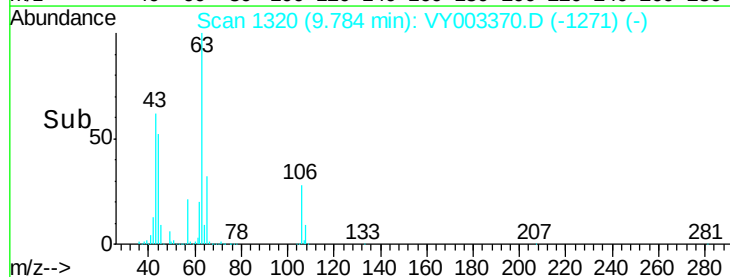
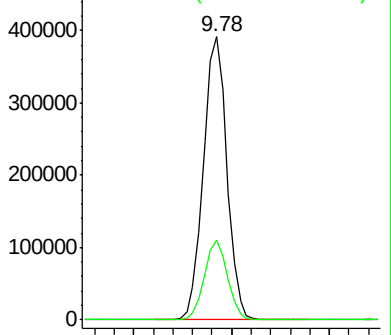
63 100

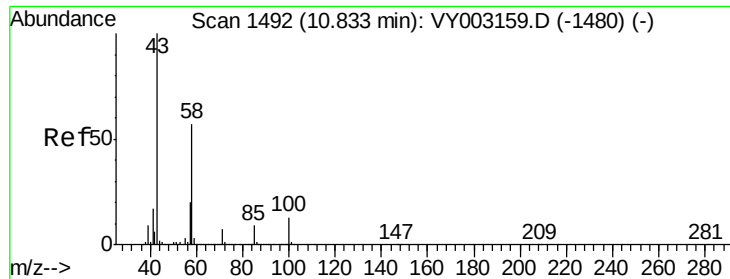
106 27.7 22.9 34.3



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

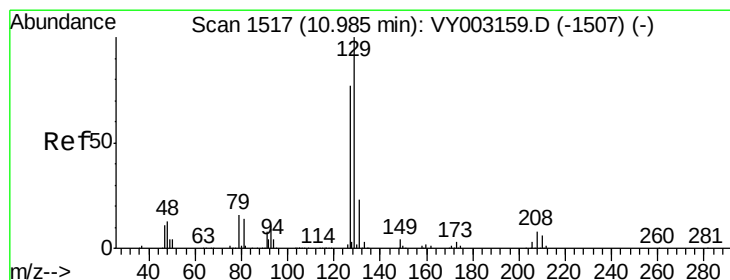
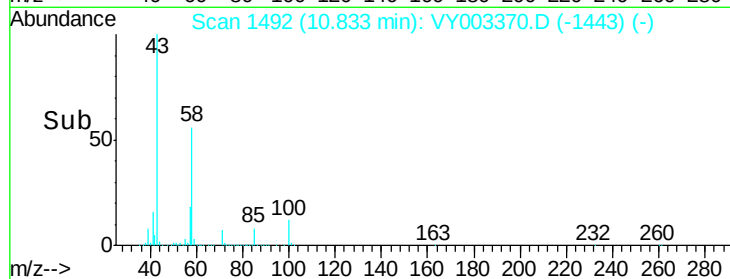
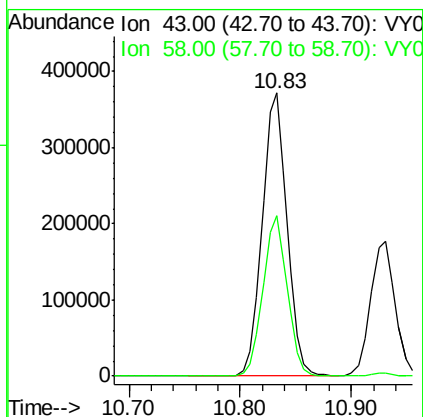
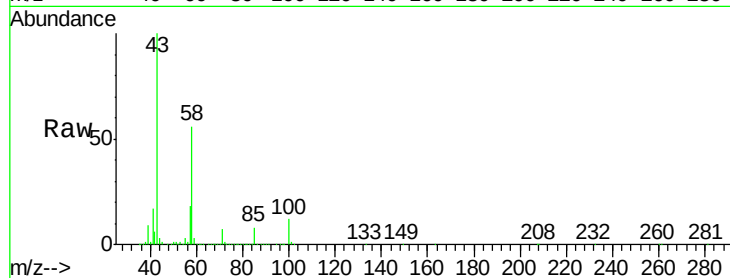




#59
2-Hexanone
Concen: 241.443 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY003370.D
Acq: 28 Jul 2020 12:42

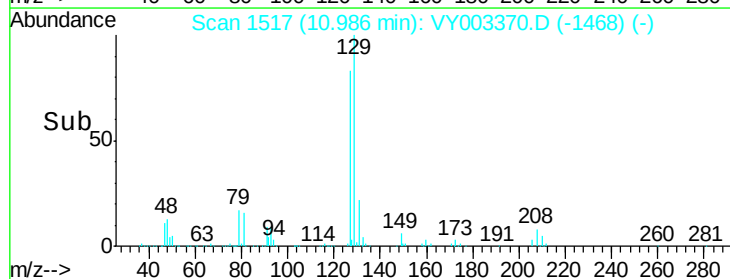
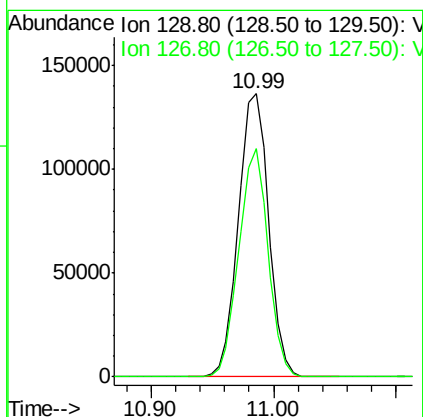
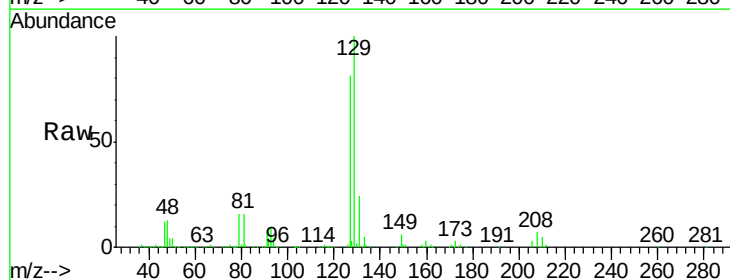
Instrument :
MSVOA_Y
ClientSampleId :

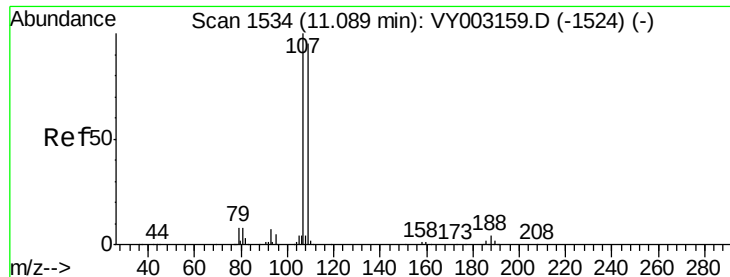
Tot Ion: 43 Resp: 580246
Ion Ratio Lower Upper
43 100
58 55.6 28.3 85.0



#60
Dibromochloromethane
Concen: 49.654 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY003370.D
Acq: 28 Jul 2020 12:42

Tgt Ion: 129 Resp: 233998
Ion Ratio Lower Upper
129 100
127 78.1 38.5 115.5

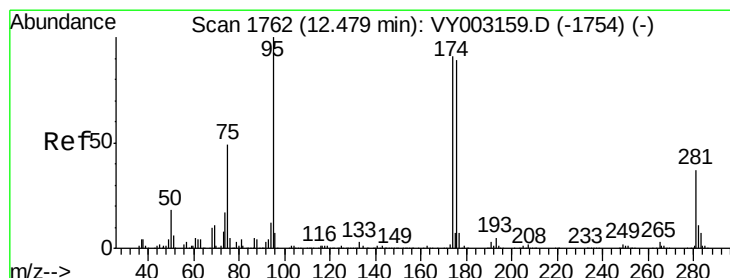
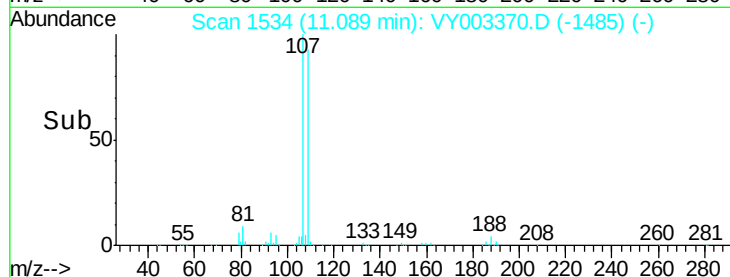
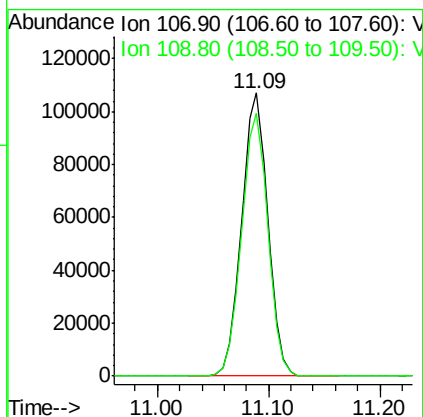
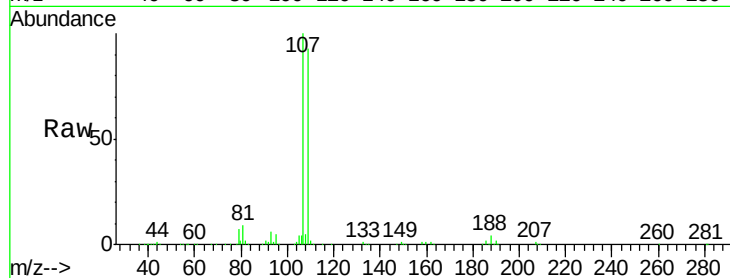




#61
 1,2-Dibromoethane
 Concen: 47.321 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VY003370.D
 Acq: 28 Jul 2020 12:42

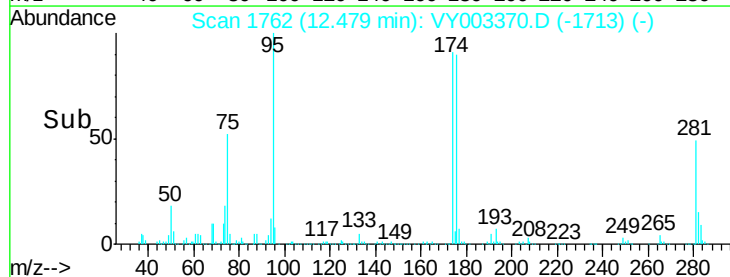
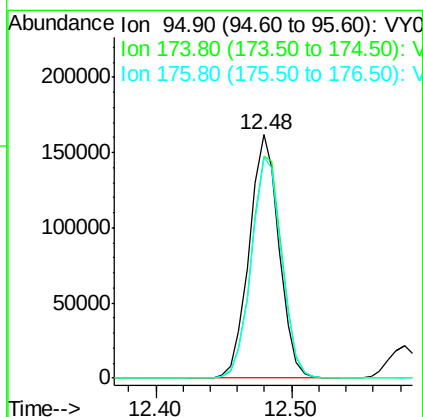
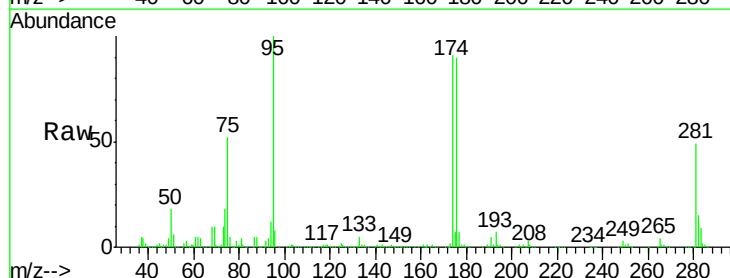
Instrument :
 MSVOA_Y
 ClientSampleId :

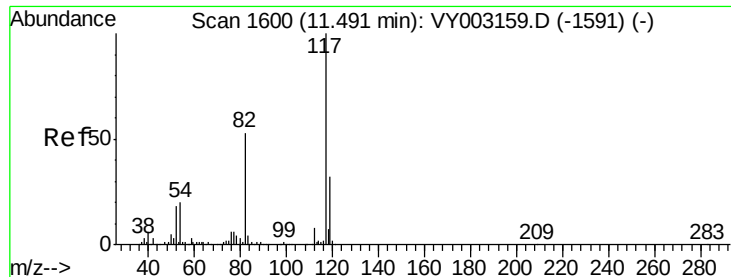
Tot Ion: 107 Resp: 174992
 Ion Ratio Lower Upper
 107 100
 109 93.1 75.6 113.4



#62
 4-Bromofluorobenzene
 Concen: 45.851 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY003370.D
 Acq: 28 Jul 2020 12:42

Tgt Ion: 95 Resp: 248460
 Ion Ratio Lower Upper
 95 100
 174 94.3 0.0 190.6
 176 92.1 0.0 186.4

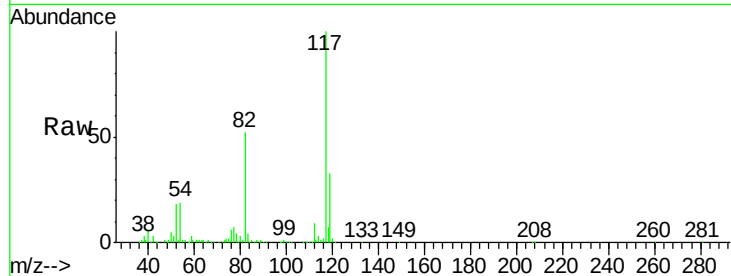




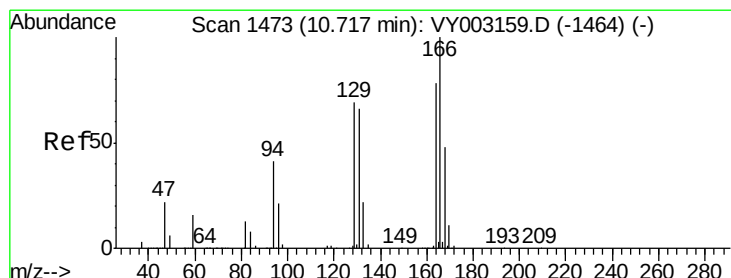
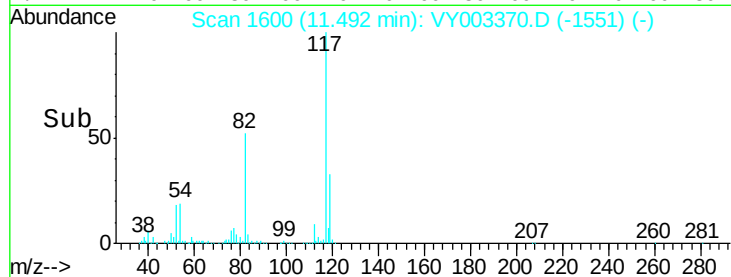
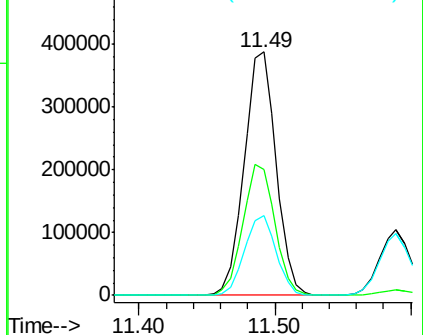
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY003370.D
Acq: 28 Jul 2020 12:42

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:117 Resp: 635164
Ion Ratio Lower Upper
117 100
82 51.7 42.0 63.0
119 32.7 25.5 38.3

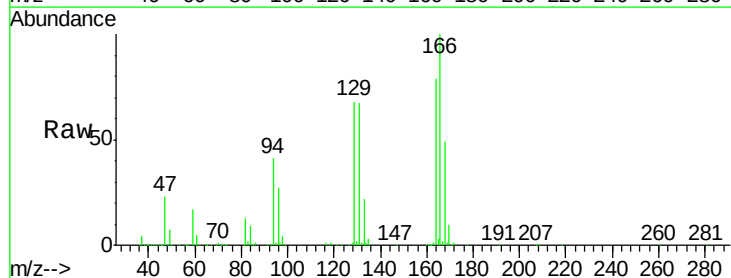


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

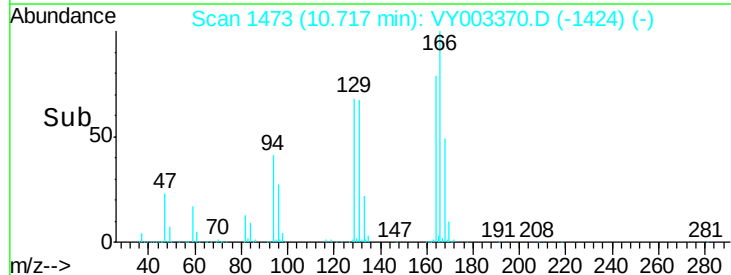
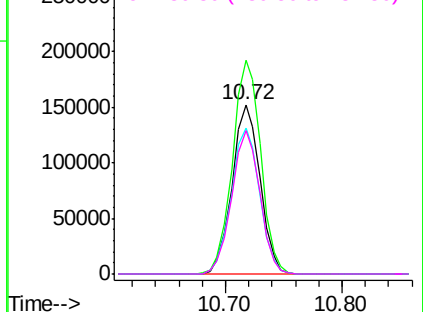


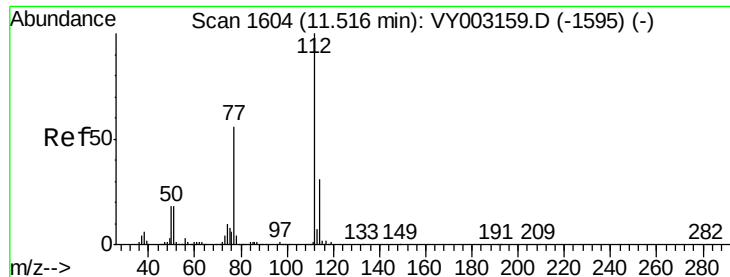
#64
Tetrachloroethene
Concen: 44.797 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY003370.D
Acq: 28 Jul 2020 12:42

Tgt Ion:164 Resp: 253702
Ion Ratio Lower Upper
164 100
166 126.2 102.9 154.3
129 86.0 71.4 107.2
131 84.5 68.1 102.1



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





#65

Chlorobenzene

Concen: 50.934 ug/l

RT: 11.52 min Scan# 1604

Delta R.T. 0.00 min

Lab File: VY003370.D

Acq: 28 Jul 2020 12:42

Instrument :

MSVOA_Y

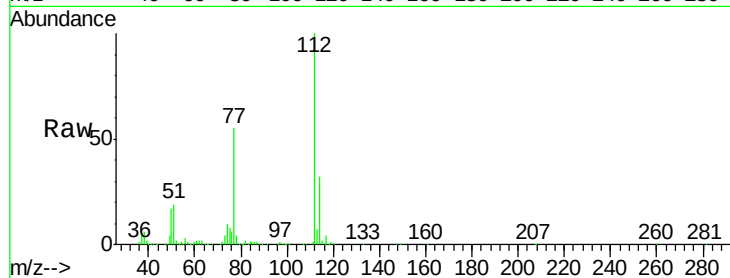
ClientSampleId :

Tot Ion:112 Resp: 623238

Ion Ratio Lower Upper

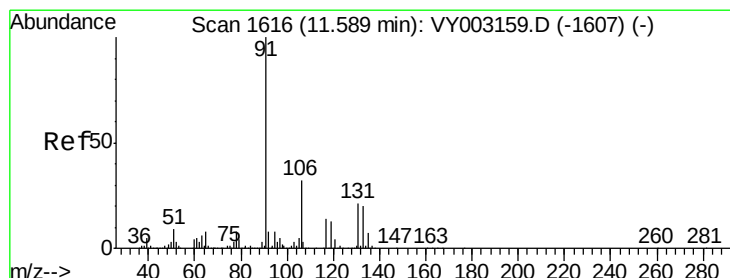
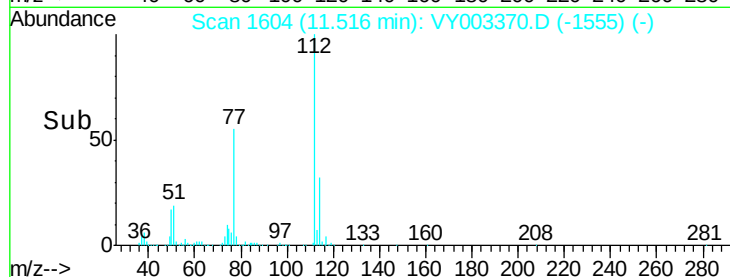
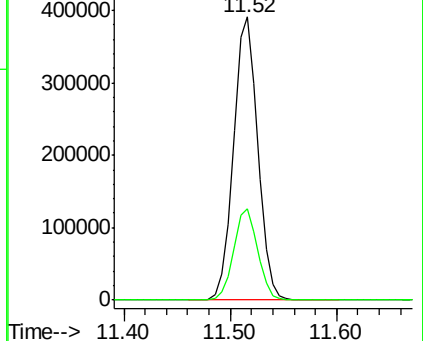
112 100

114 32.5 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: 50.856 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. 0.00 min

Lab File: VY003370.D

Acq: 28 Jul 2020 12:42

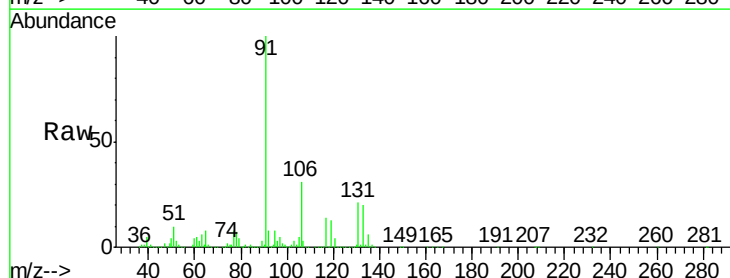
Tgt Ion:131 Resp: 241689

Ion Ratio Lower Upper

131 100

133 97.4 48.0 144.0

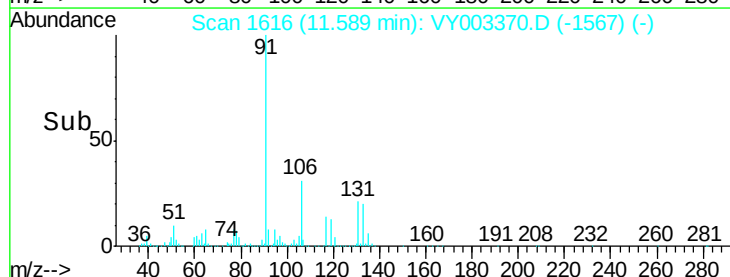
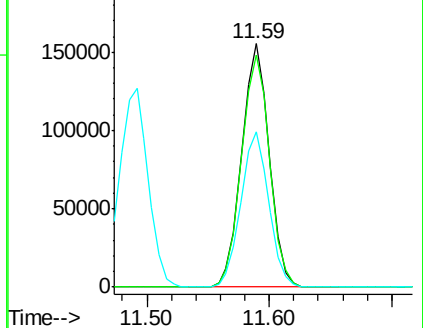
119 64.9 32.4 97.0

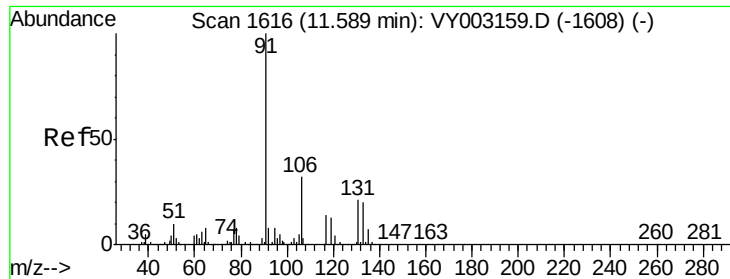


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 52.331 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. 0.00 min

Lab File: VY003370.D

Acq: 28 Jul 2020 12:42

Instrument :

MSVOA_Y

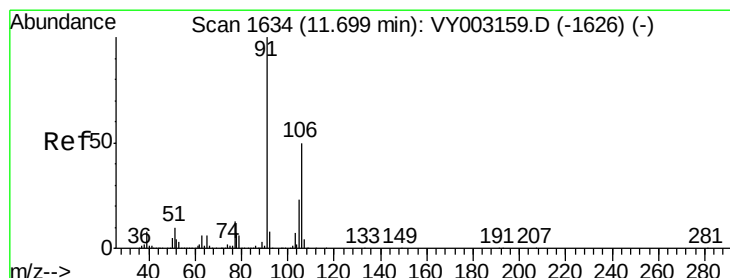
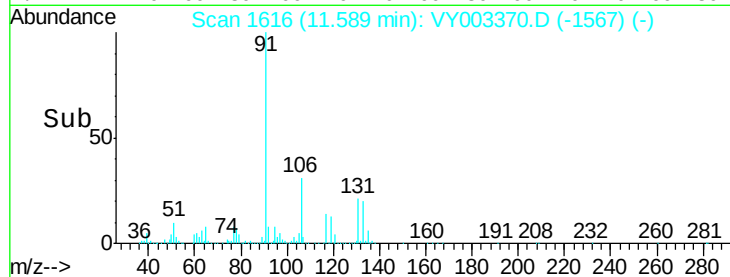
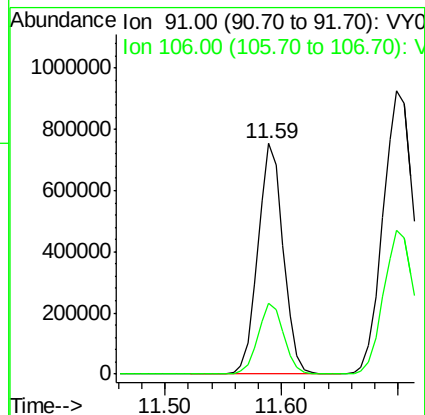
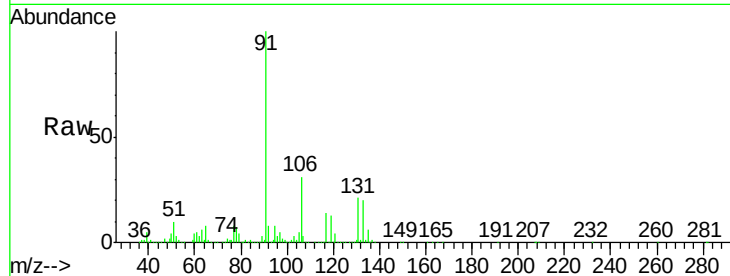
ClientSampleId :

Tot Ion: 91 Resp: 1143300

Ion Ratio Lower Upper

91 100

106 30.9 25.5 38.3



#68

m/p-Xylenes

Concen: 103.416 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. 0.00 min

Lab File: VY003370.D

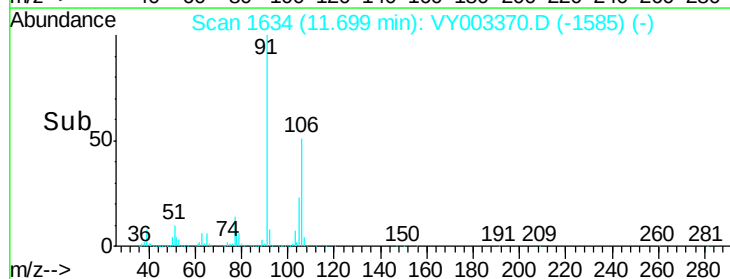
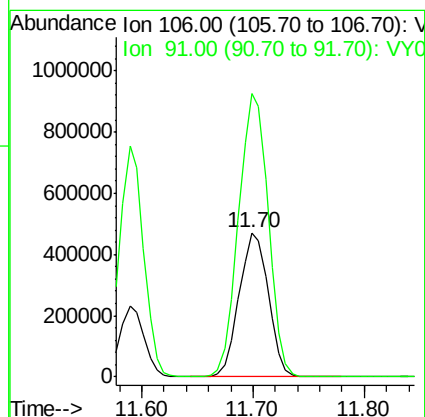
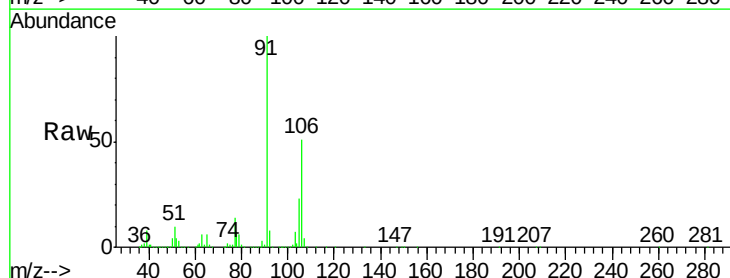
Acq: 28 Jul 2020 12:42

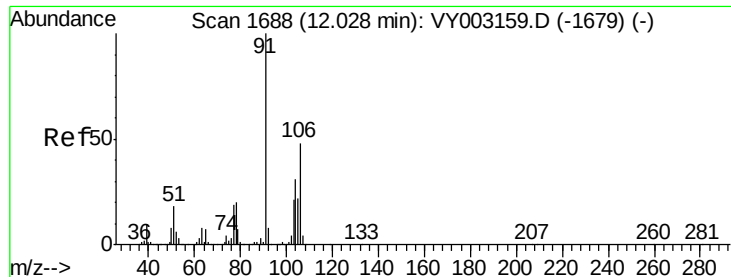
Tgt Ion: 106 Resp: 857275

Ion Ratio Lower Upper

106 100

91 199.2 159.0 238.6

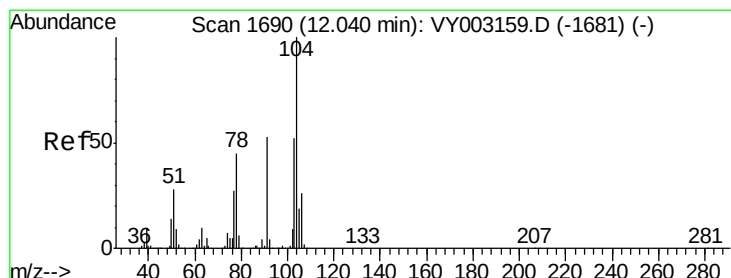
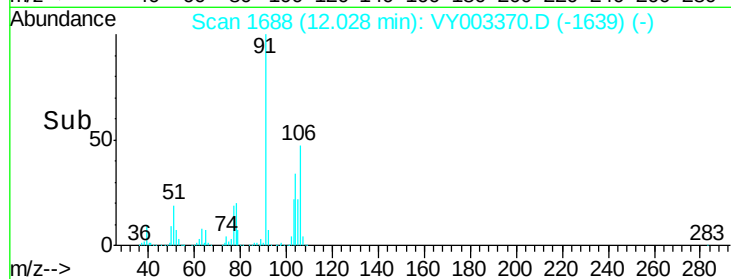
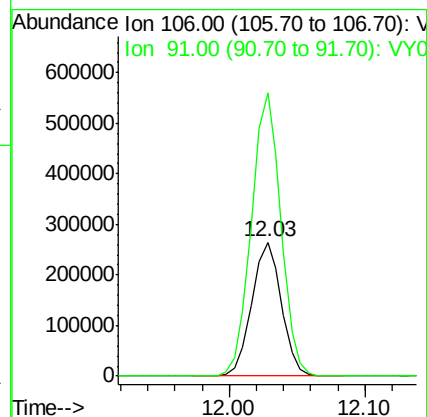
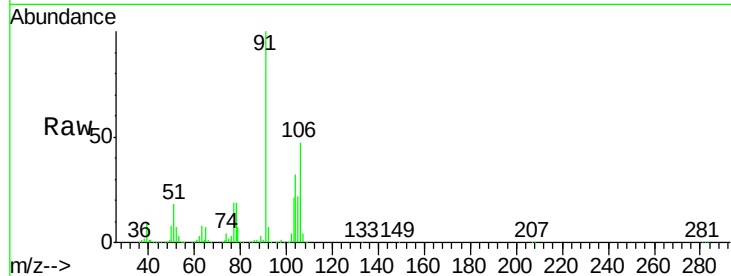




#69
o-Xylene
Concen: 52.377 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY003370.D
Acq: 28 Jul 2020 12:42

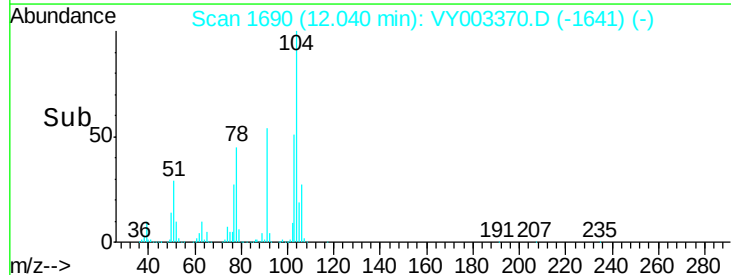
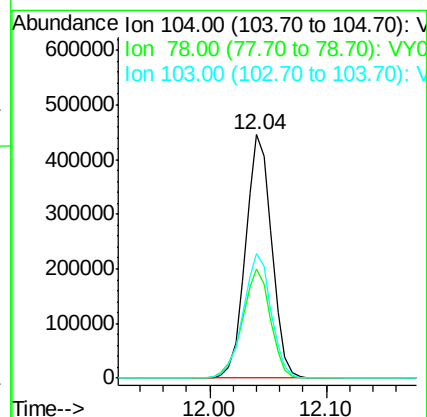
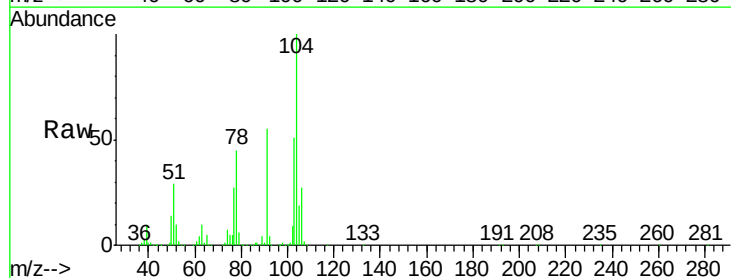
Instrument :
MSVOA_Y
ClientSampleId :

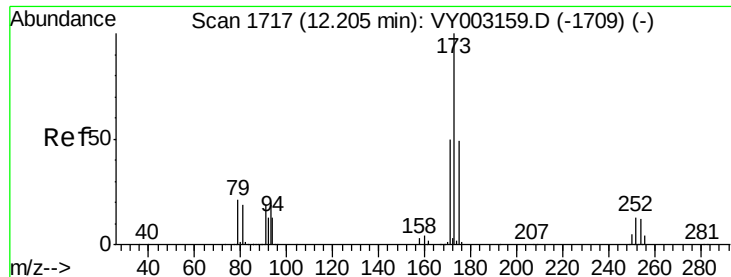
Tot Ion:106 Resp: 405624
Ion Ratio Lower Upper
106 100
91 210.0 105.1 315.1



#70
Styrene
Concen: 52.477 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY003370.D
Acq: 28 Jul 2020 12:42

Tgt Ion:104 Resp: 695199
Ion Ratio Lower Upper
104 100
78 48.4 38.5 57.7
103 54.6 43.9 65.9

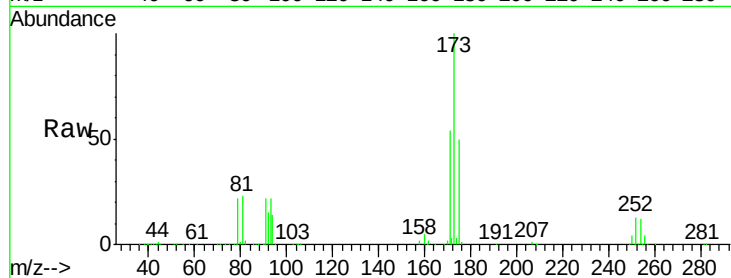




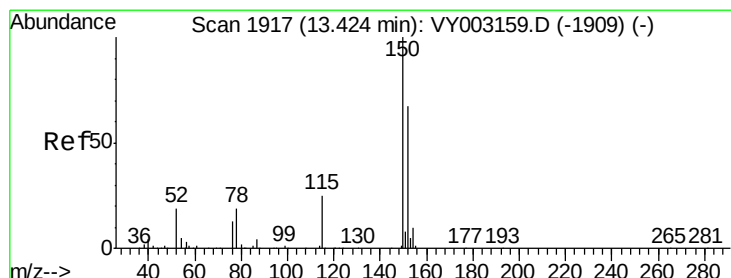
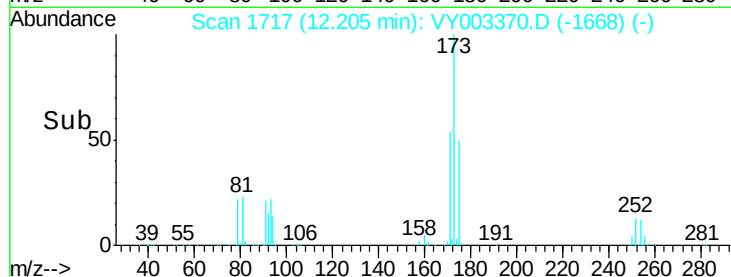
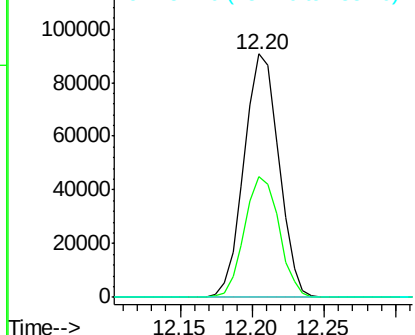
#71
Bromoform
Concen: 48.617 ug/l
RT: 12.20 min Scan# 1717
Delta R.T. 0.00 min
Lab File: VY003370.D
Acq: 28 Jul 2020 12:42

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:173 Resp: 151645
Ion Ratio Lower Upper
173 100
175 49.3 24.3 73.0
254 0.2 0.2 0.2

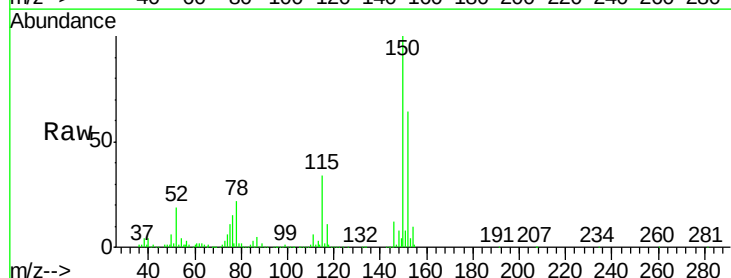


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

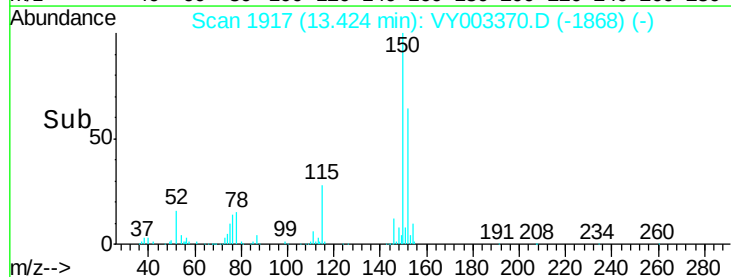
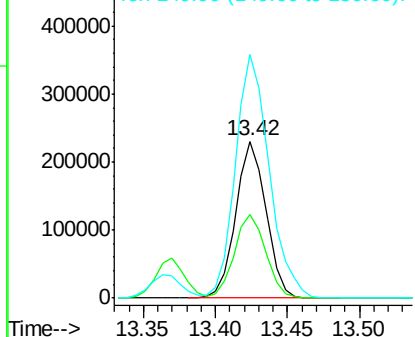


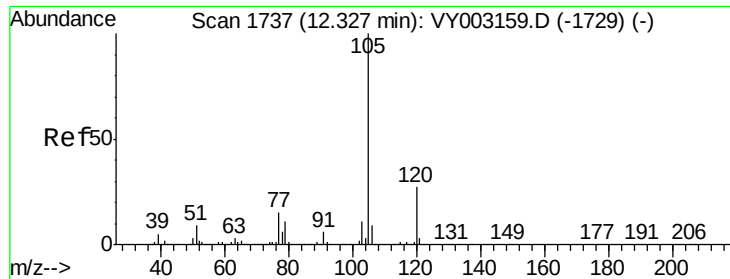
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY003370.D
Acq: 28 Jul 2020 12:42

Tgt Ion:152 Resp: 337089
Ion Ratio Lower Upper
152 100
115 54.8 26.9 80.7
150 173.2 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: 52.199 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY003370.D

Acq: 28 Jul 2020 12:42

Instrument :

MSVOA_Y

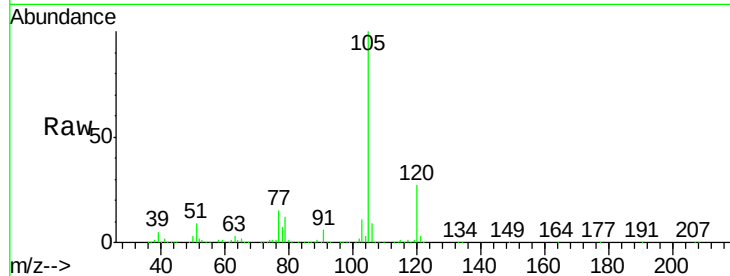
ClientSampleId :

Tot Ion:105 Resp: 1121329

Ion Ratio Lower Upper

105 100

120 27.3 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.33

800000

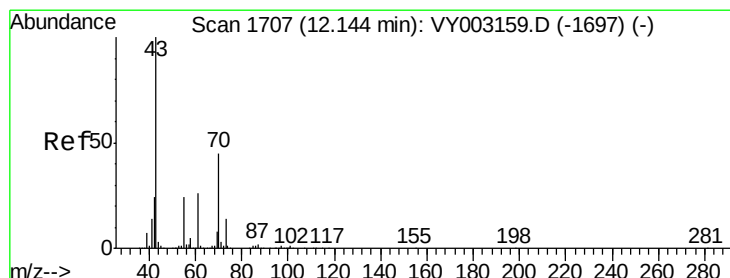
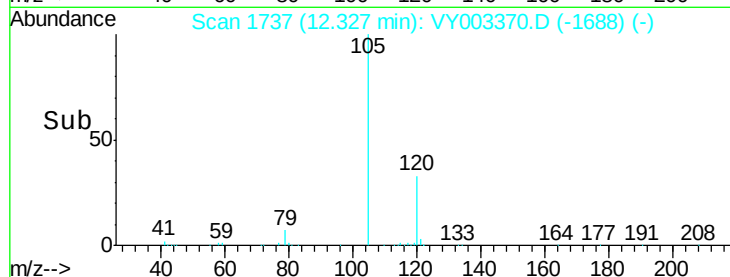
600000

400000

200000

0

Time-->



#74

N-ethyl acetate

Concen: 49.420 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VY003370.D

Acq: 28 Jul 2020 12:42

Tgt Ion: 43 Resp: 297874

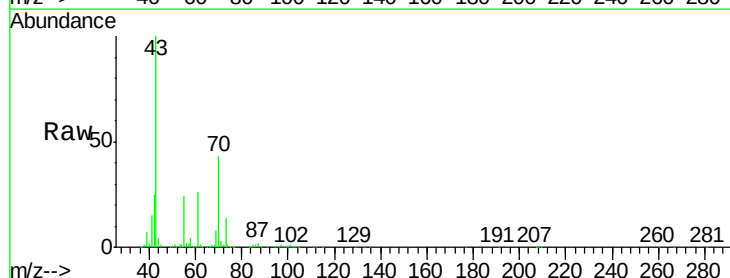
Ion Ratio Lower Upper

43 100

70 42.4 35.6 53.4

55 24.1 19.4 29.2

61 24.6 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

300000

250000

200000

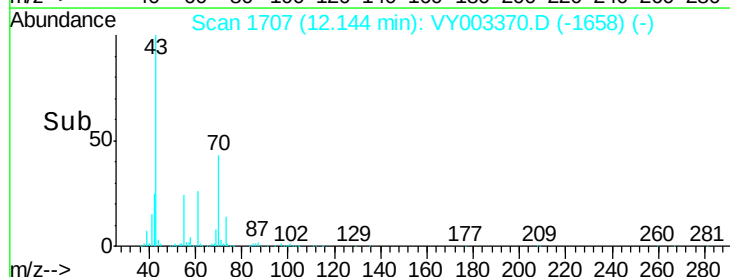
150000

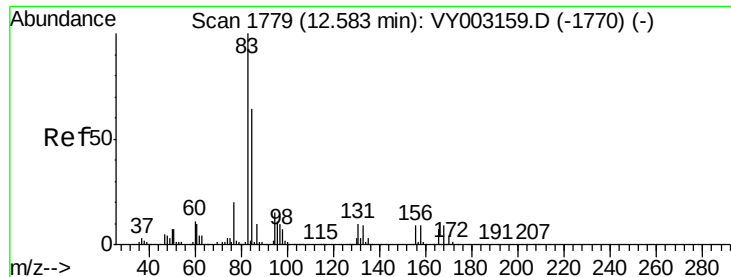
100000

50000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 50.175 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY003370.D

Acq: 28 Jul 2020 12:42

Instrument :

MSVOA_Y

ClientSampleId :

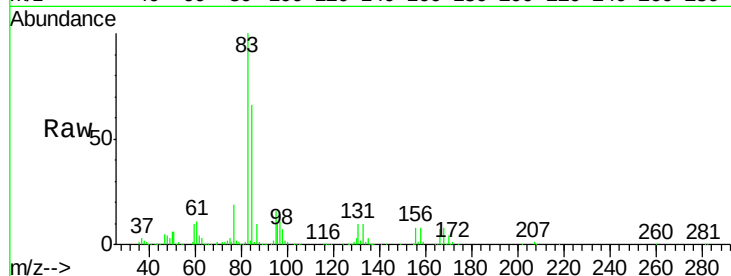
Tot Ion: 83 Resp: 208168

Ion Ratio Lower Upper

83 100

131 10.2 5.2 15.6

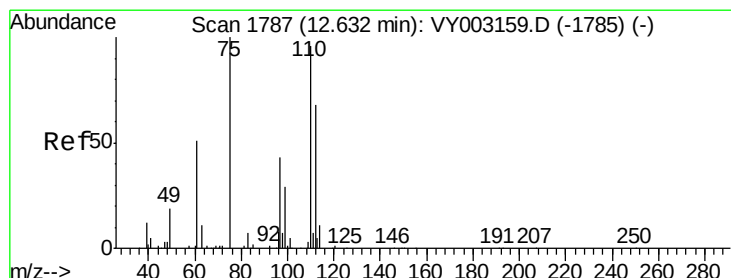
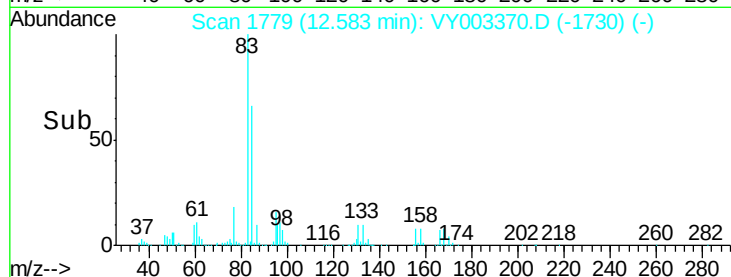
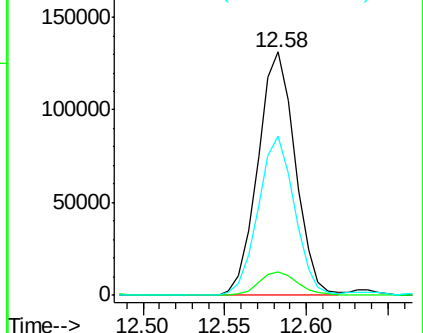
85 63.9 32.0 96.0



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: 94.391 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. 0.00 min

Lab File: VY003370.D

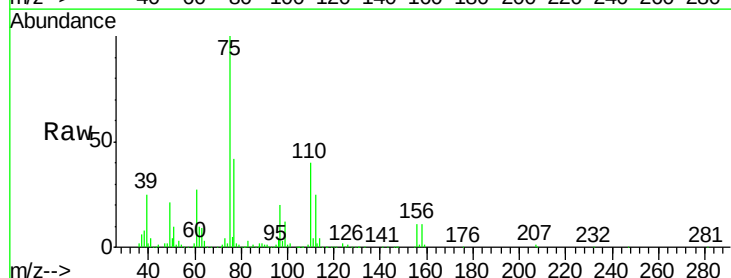
Acq: 28 Jul 2020 12:42

Tgt Ion: 75 Resp: 281646

Ion Ratio Lower Upper

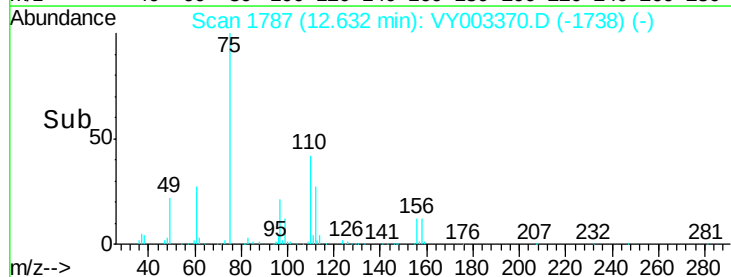
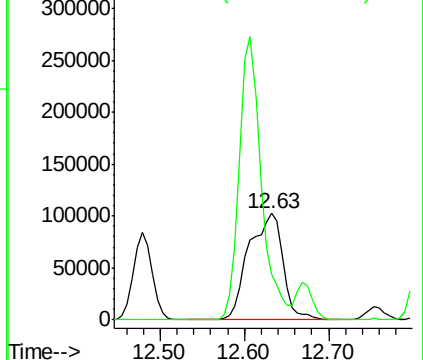
75 100

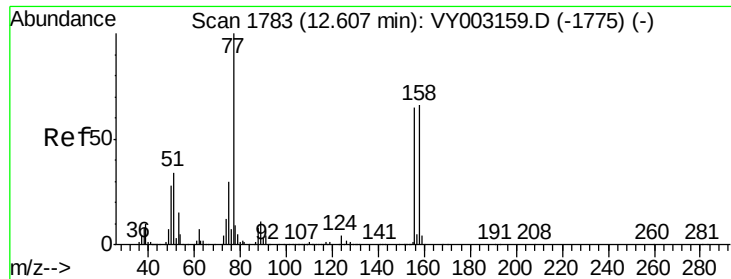
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 50.724 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY003370.D

Acq: 28 Jul 2020 12:42

Instrument :

MSVOA_Y

ClientSampleId :

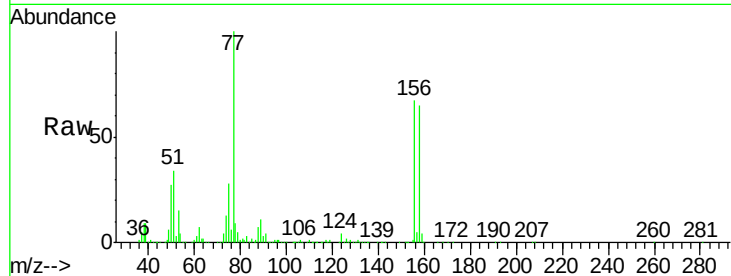
Tot Ion:156 Resp: 277751

Ion Ratio Lower Upper

156 100

77 172.0 86.6 259.7

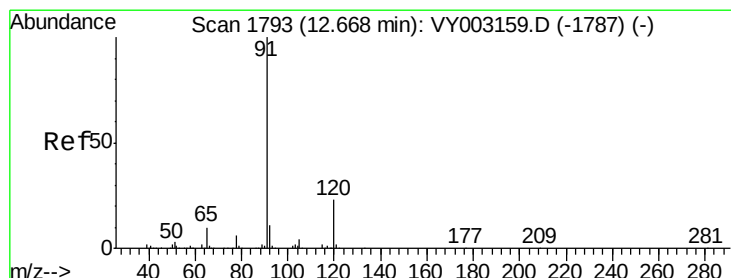
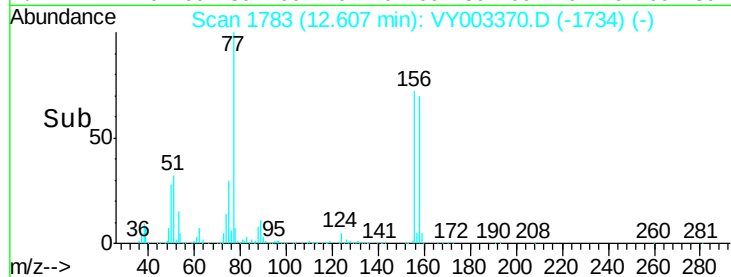
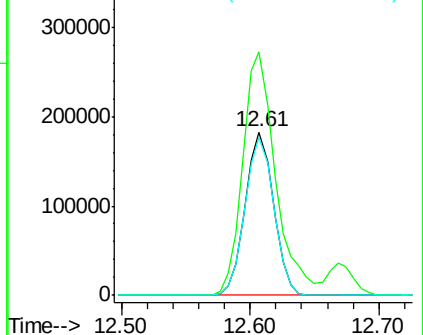
158 98.4 49.4 148.0



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: 52.683 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VY003370.D

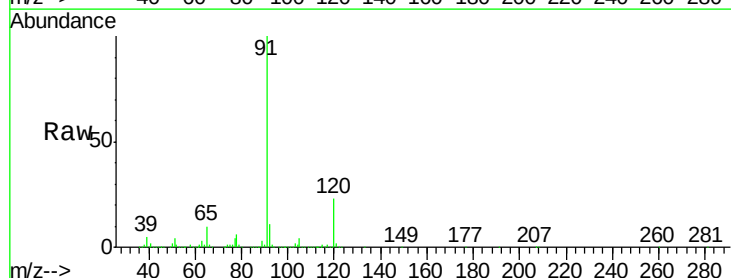
Acq: 28 Jul 2020 12:42

Tgt Ion: 91 Resp: 1334017

Ion Ratio Lower Upper

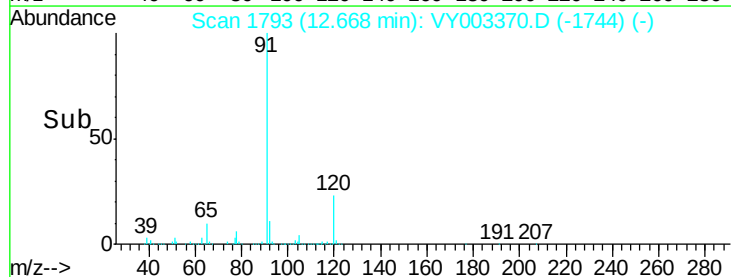
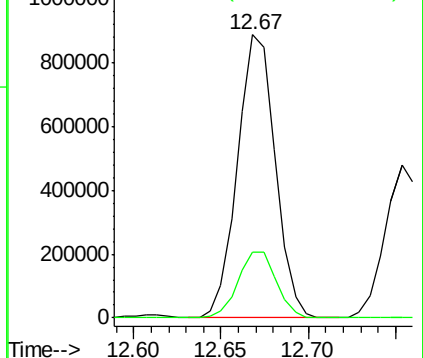
91 100

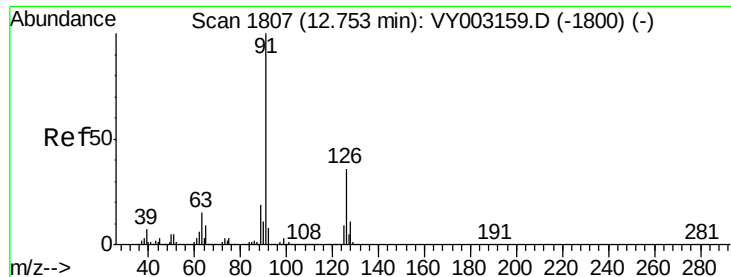
120 23.6 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

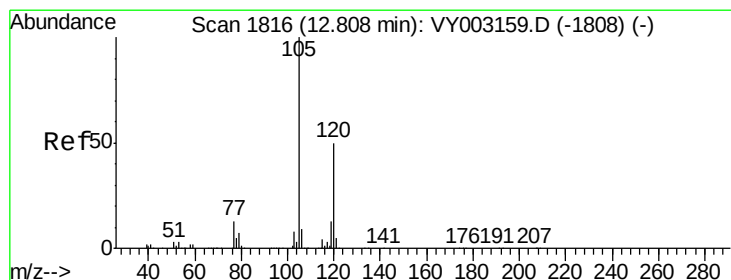
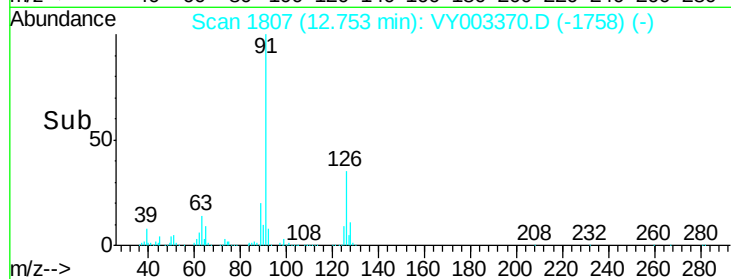
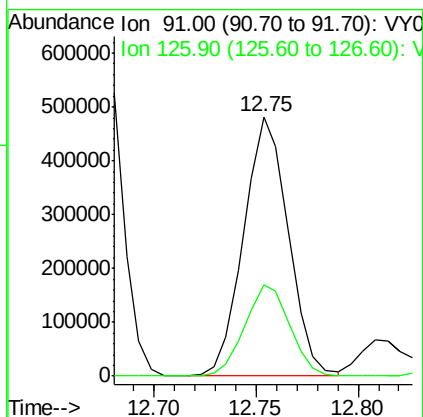
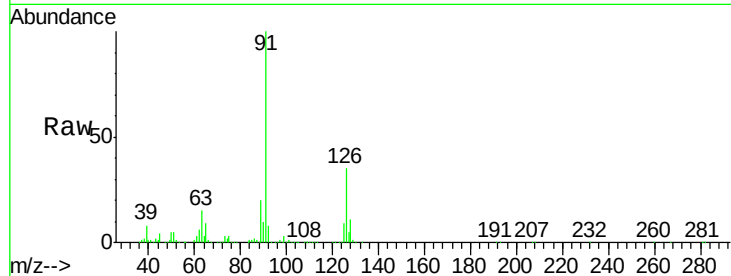




#79
 2-Chlorotoluene
 Concen: 51.797 ug/l
 RT: 12.75 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VY003370.D
 Acq: 28 Jul 2020 12:42

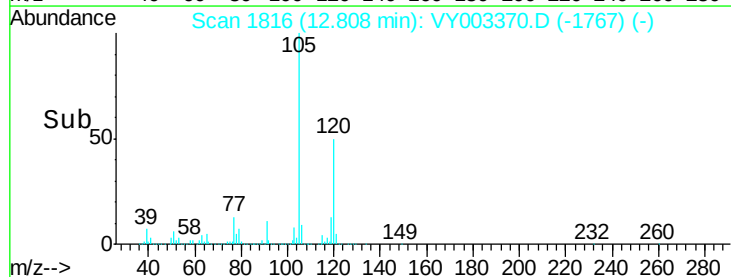
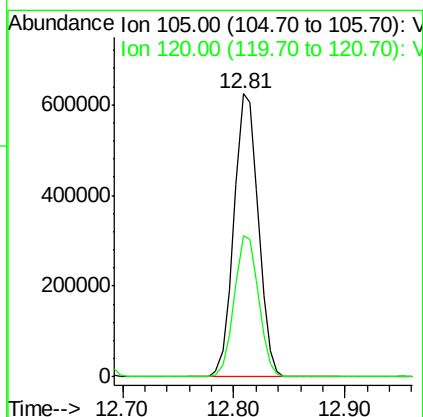
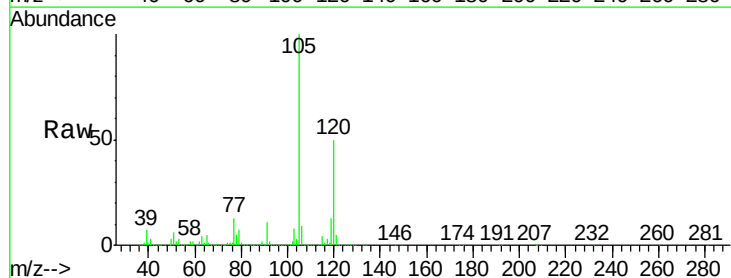
Instrument :
 MSVOA_Y
 ClientSampleId :

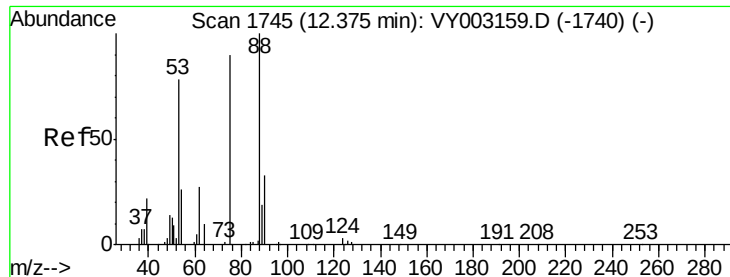
Tot Ion: 91 Resp: 731768
 Ion Ratio Lower Upper
 91 100
 126 35.7 17.6 52.9



#80
 1,3,5-Trimethylbenzene
 Concen: 52.660 ug/l
 RT: 12.81 min Scan# 1816
 Delta R.T. 0.00 min
 Lab File: VY003370.D
 Acq: 28 Jul 2020 12:42

Tgt Ion: 105 Resp: 942818
 Ion Ratio Lower Upper
 105 100
 120 49.7 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 50.506 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. 0.00 min

Lab File: VY003370.D

Acq: 28 Jul 2020 12:42

Instrument :

MSVOA_Y

ClientSampleId :

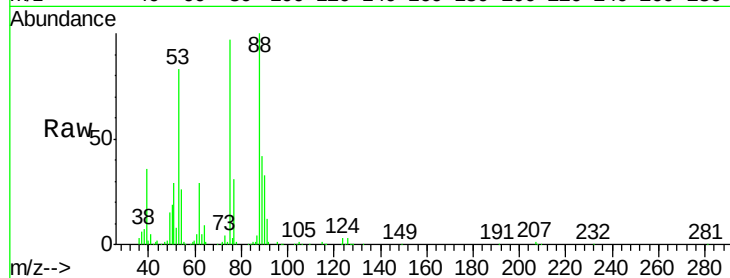
Tot Ion: 75 Resp: 77433

Ion Ratio Lower Upper

75 100

53 84.7 72.0 108.0

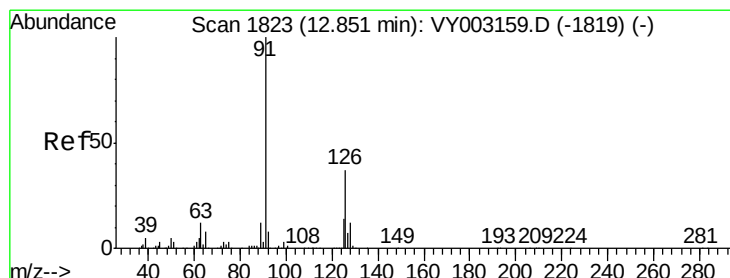
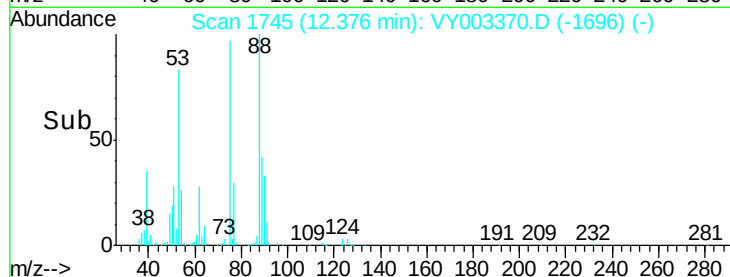
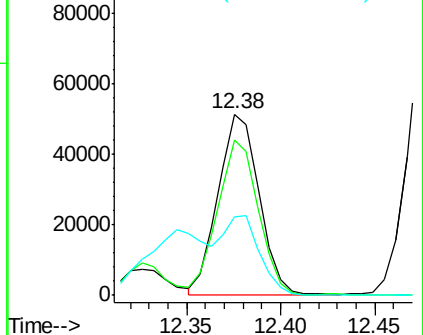
89 39.9 37.3 55.9



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: 52.060 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. 0.00 min

Lab File: VY003370.D

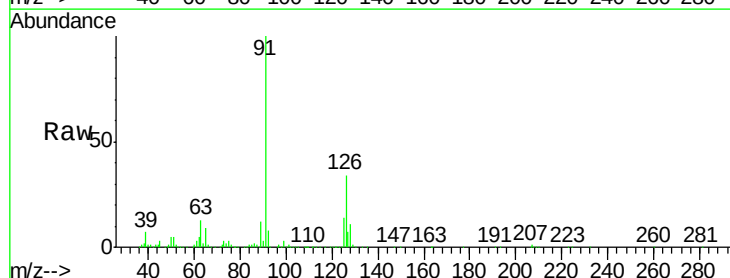
Acq: 28 Jul 2020 12:42

Tgt Ion: 91 Resp: 767676

Ion Ratio Lower Upper

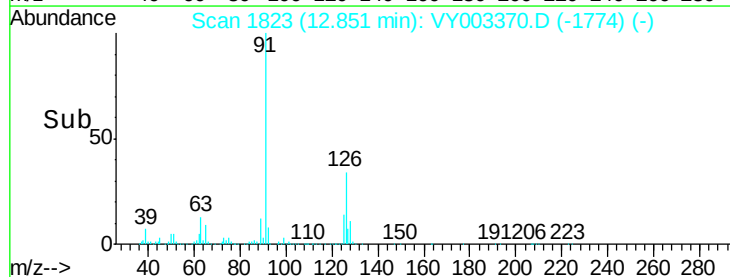
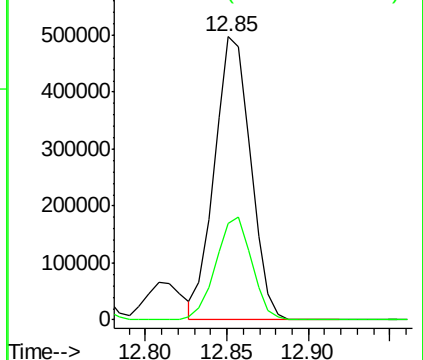
91 100

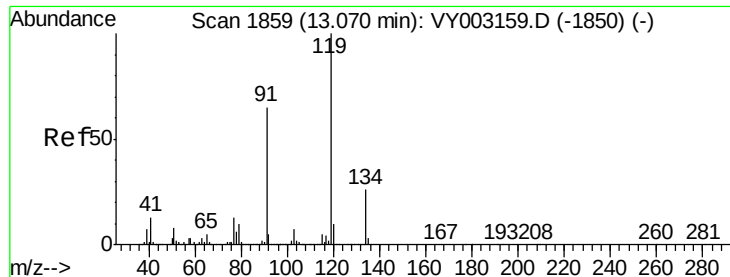
126 36.0 17.9 53.7



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V

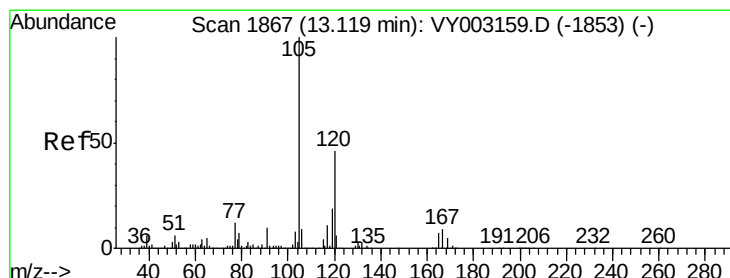
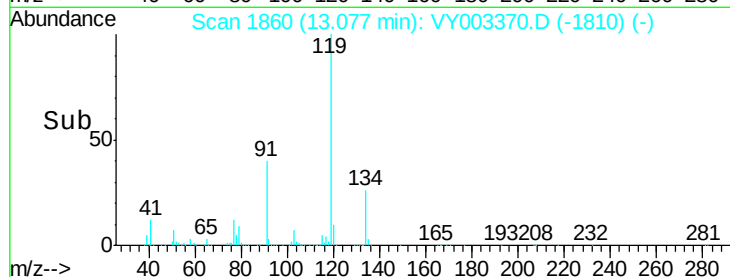
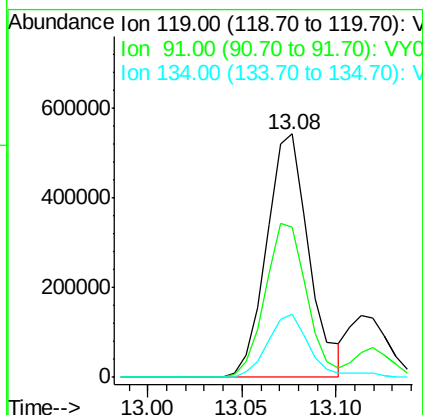
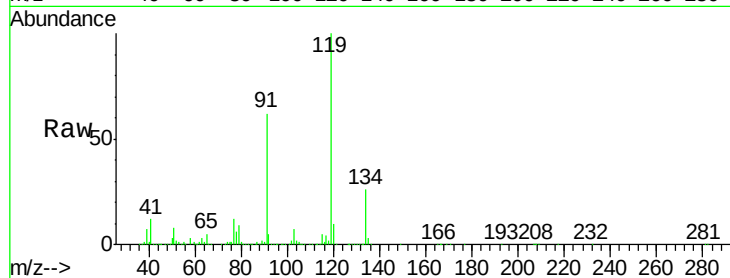




#83
 tert-Butylbenzene
 Concen: 53.575 ug/l
 RT: 13.08 min Scan# 1860
 Delta R.T. 0.01 min
 Lab File: VY003370.D
 Acq: 28 Jul 2020 12:42

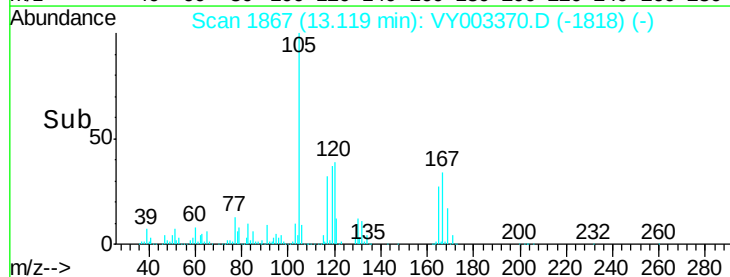
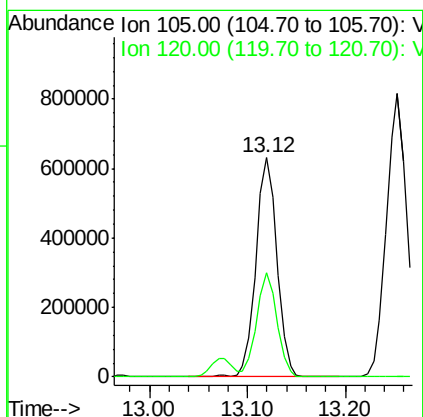
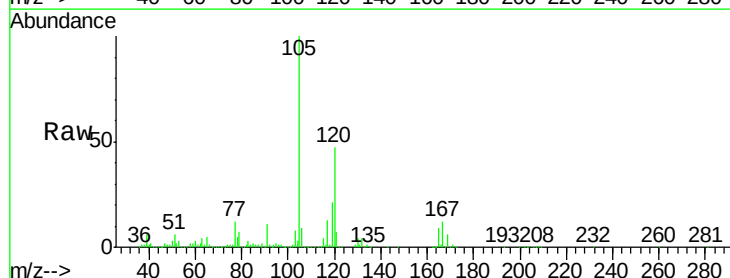
Instrument :
 MSVOA_Y
 ClientSampleId :

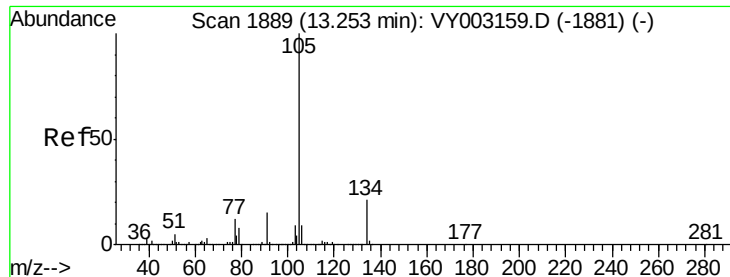
Tot Ion:119 Resp: 846373
 Ion Ratio Lower Upper
 119 100
 91 62.0 30.8 92.4
 134 26.3 13.2 39.6



#84
 1,2,4-Trimethylbenzene
 Concen: 52.248 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VY003370.D
 Acq: 28 Jul 2020 12:42

Tgt Ion:105 Resp: 941211
 Ion Ratio Lower Upper
 105 100
 120 45.7 22.5 67.5





#85

sec-Butylbenzene

Concen: 54.057 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VY003370.D

Acq: 28 Jul 2020 12:42

Instrument :

MSVOA_Y

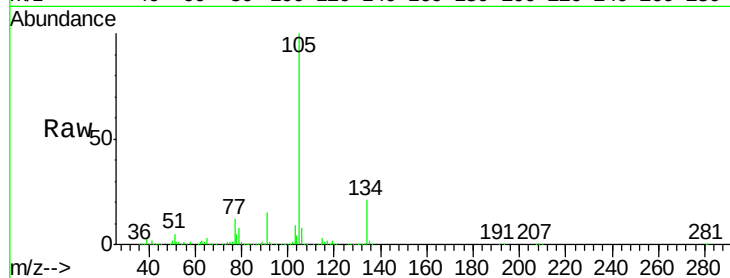
ClientSampleId :

Tot Ion:105 Resp: 1173737

Ion Ratio Lower Upper

105 100

134 20.7 10.4 31.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

800000

600000

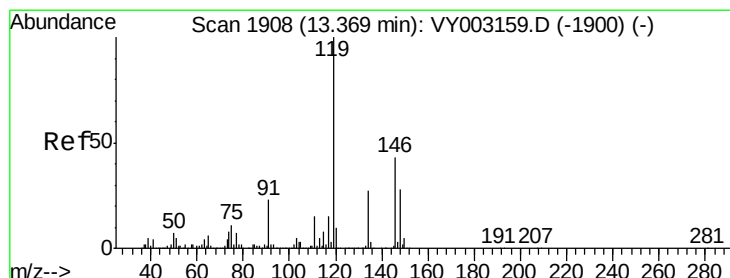
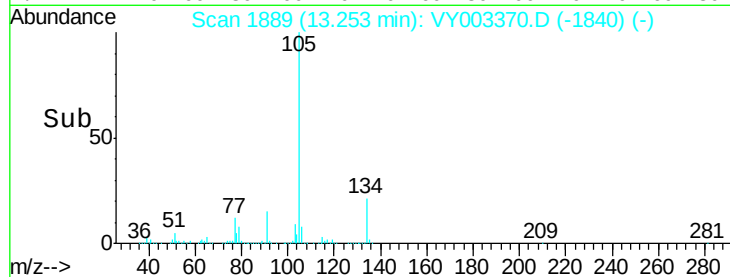
400000

200000

0

13.20 13.25 13.30

Time-->



#86

p-Isopropyltoluene

Concen: 53.098 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY003370.D

Acq: 28 Jul 2020 12:42

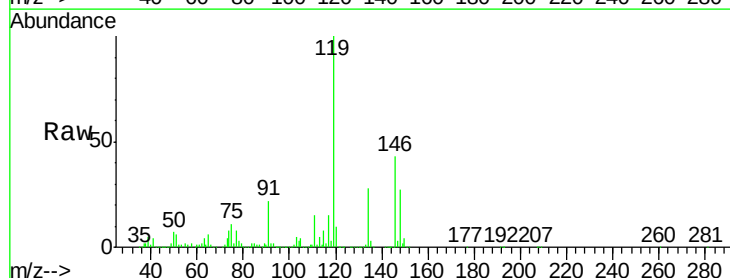
Tgt Ion:119 Resp: 1076500

Ion Ratio Lower Upper

119 100

134 27.2 13.4 40.2

91 22.2 11.2 33.6



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

1000000

800000

600000

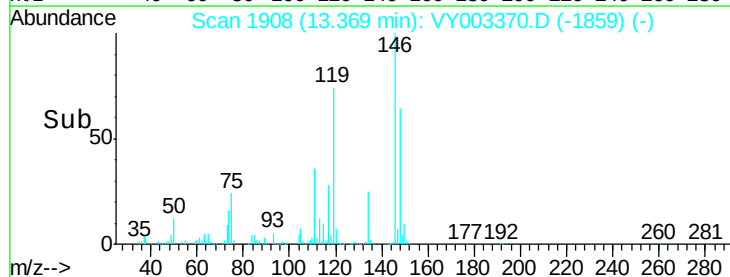
400000

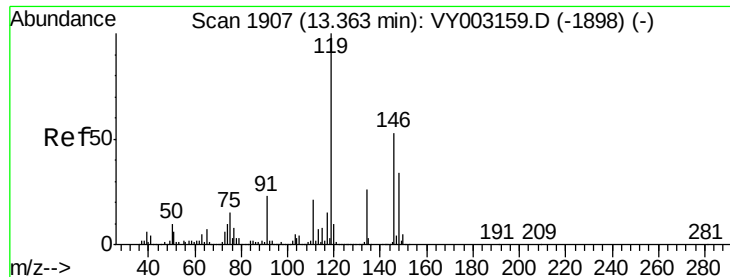
200000

0

13.30 13.35 13.40

Time-->

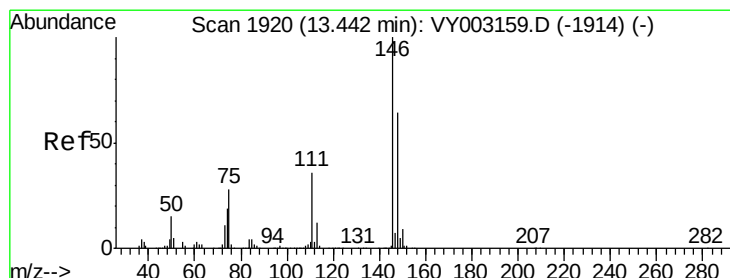
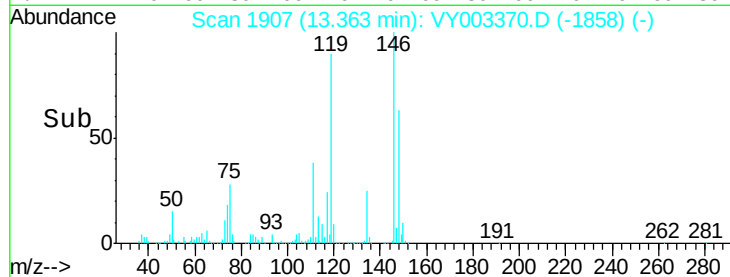
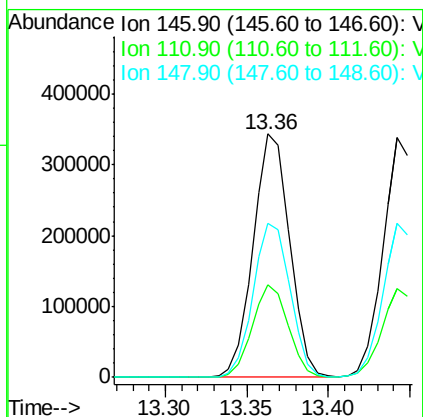
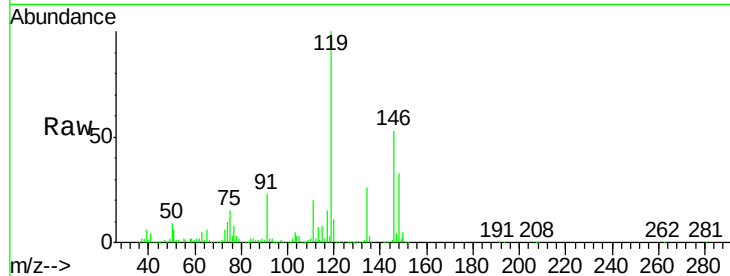




#87
 1,3-Dichlorobenzene
 Concen: 51.730 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VY003370.D
 Acq: 28 Jul 2020 12:42

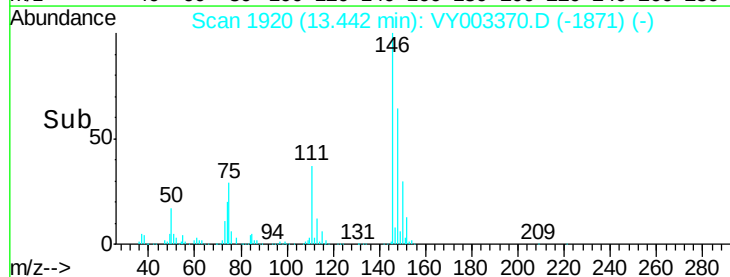
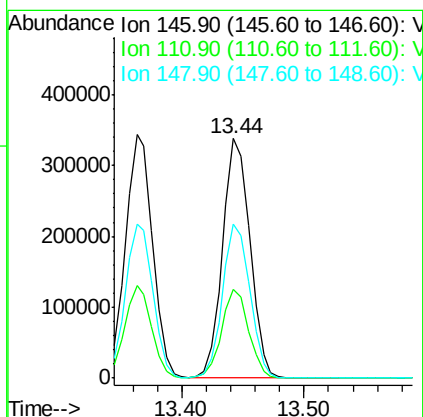
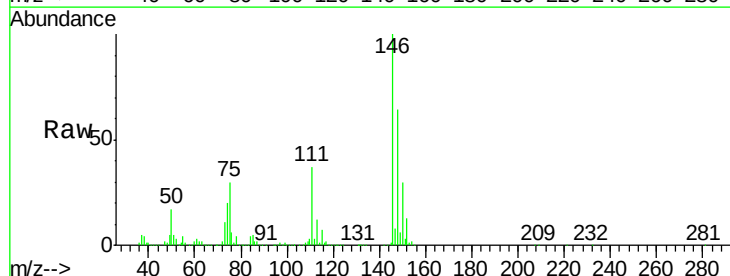
Instrument :
 MSVOA_Y
 ClientSampleId :

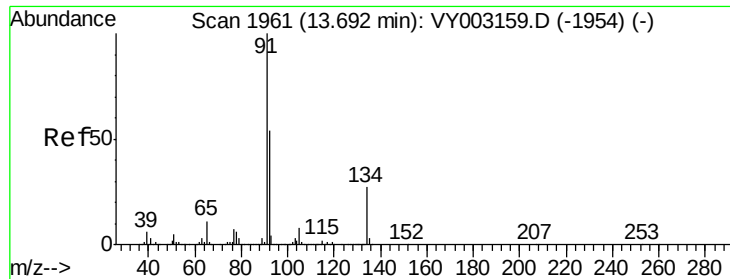
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.3	18.8	56.3
148	64.0	32.3	96.9



#88
 1,4-Dichlorobenzene
 Concen: 51.200 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. 0.00 min
 Lab File: VY003370.D
 Acq: 28 Jul 2020 12:42

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.8	18.4	55.0
148	64.3	32.0	96.0

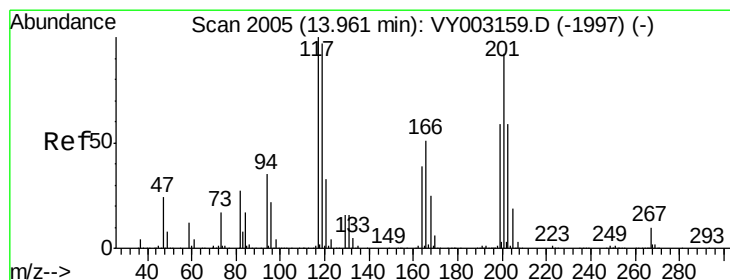
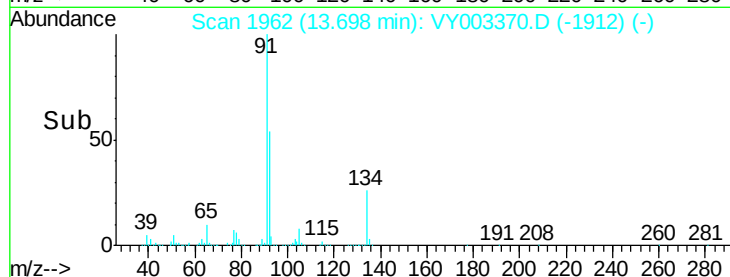
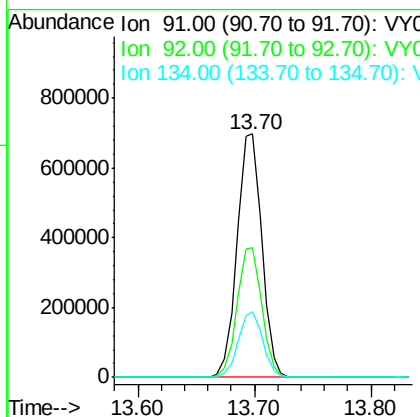
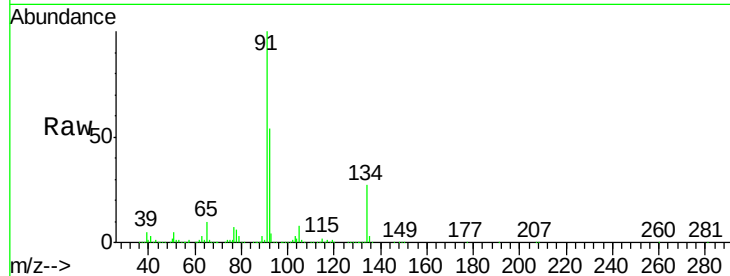




#89
n-Butylbenzene
Concen: 54.320 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. 0.01 min
Lab File: VY003370.D
Acq: 28 Jul 2020 12:42

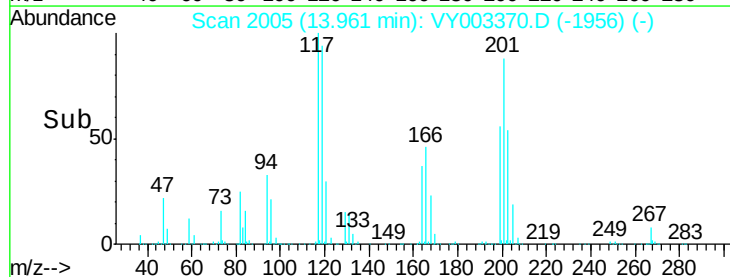
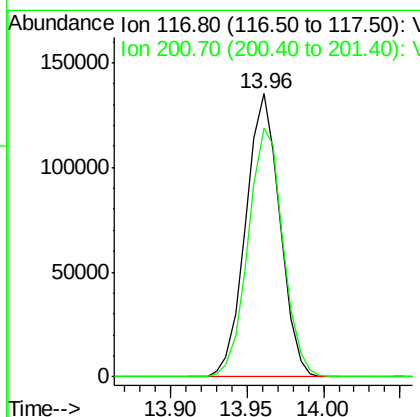
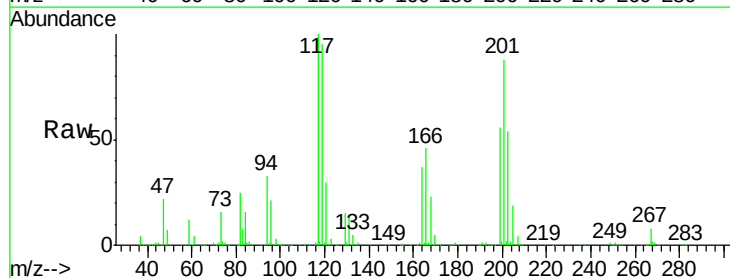
Instrument :
MSVOA_Y
ClientSampleId :

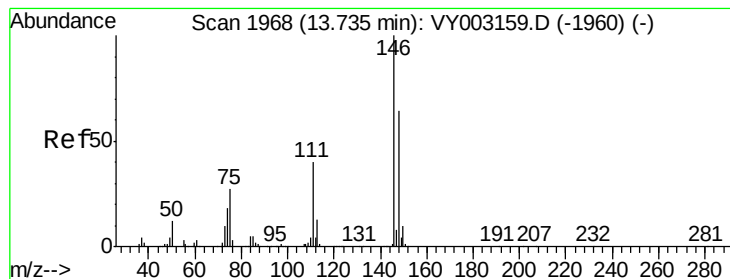
Tot Ion: 91 Resp: 1035876
Ion Ratio Lower Upper
91 100
92 53.2 26.9 80.7
134 26.7 13.6 40.7



#90
Hexachloroethane
Concen: 56.832 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. 0.00 min
Lab File: VY003370.D
Acq: 28 Jul 2020 12:42

Tgt Ion: 117 Resp: 209825
Ion Ratio Lower Upper
117 100
201 89.6 45.1 135.3





#91

1,2-Dichlorobenzene

Concen: 51.834 ug/l

RT: 13.74 min Scan# 1969

Delta R.T. 0.01 min

Lab File: VY003370.D

Acq: 28 Jul 2020 12:42

Instrument :

MSVOA_Y

ClientSampled :

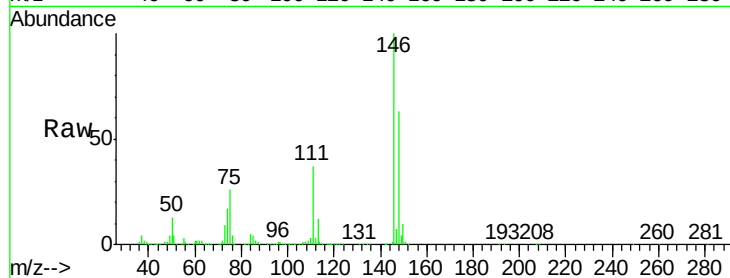
Tot Ion:146 Resp: 471022

Ion Ratio Lower Upper

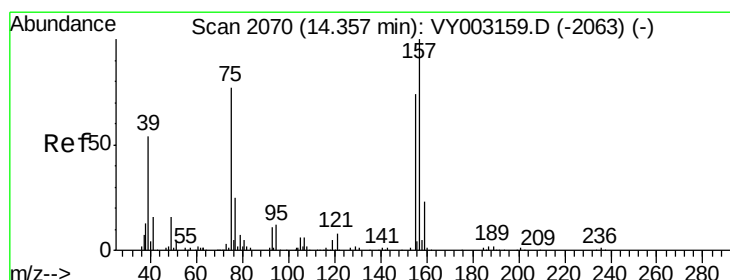
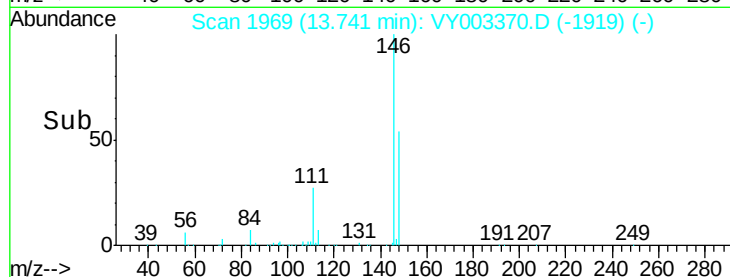
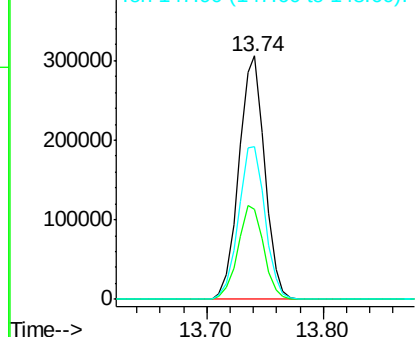
146 100

111 38.5 19.6 58.8

148 65.0 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: 47.807 ug/l

RT: 14.36 min Scan# 2070

Delta R.T. 0.00 min

Lab File: VY003370.D

Acq: 28 Jul 2020 12:42

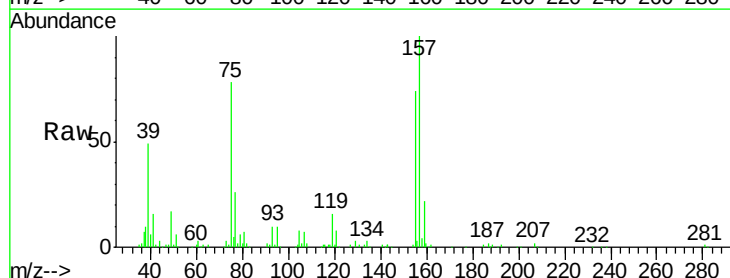
Tgt Ion: 75 Resp: 32156

Ion Ratio Lower Upper

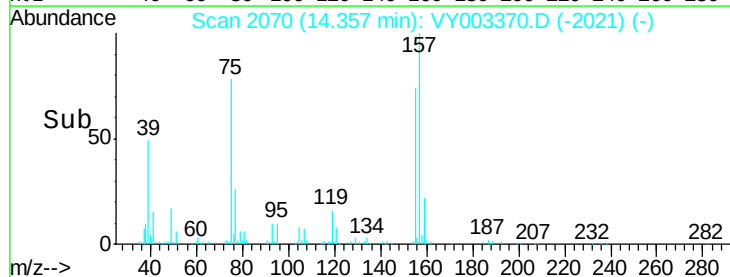
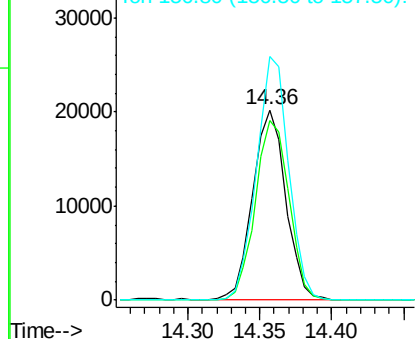
75 100

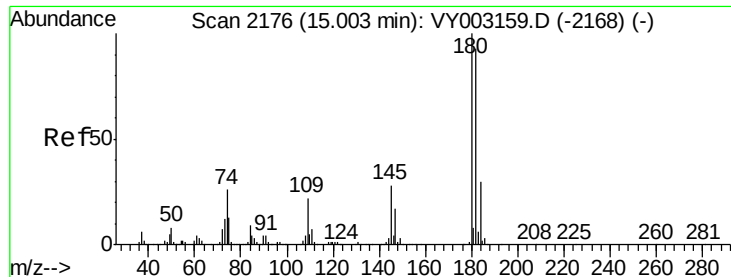
155 95.3 48.1 144.3

157 124.1 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

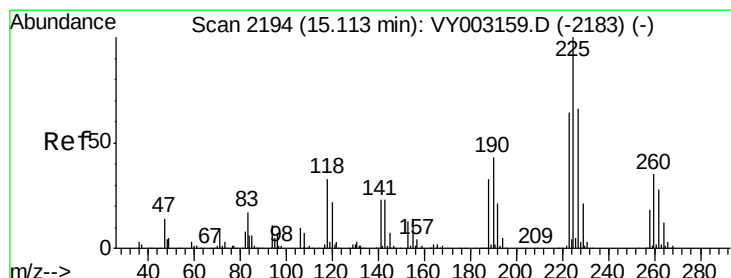
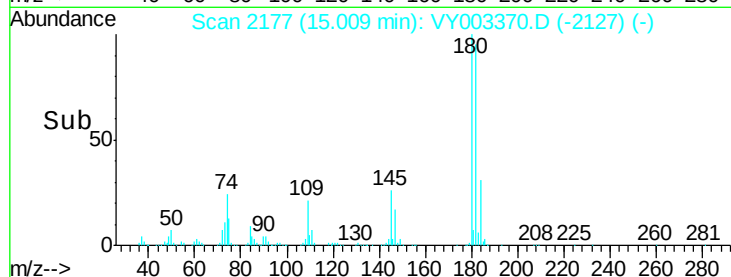
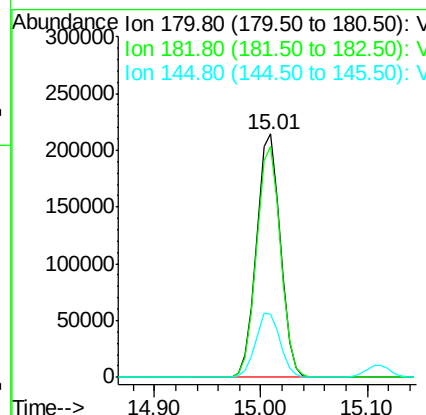
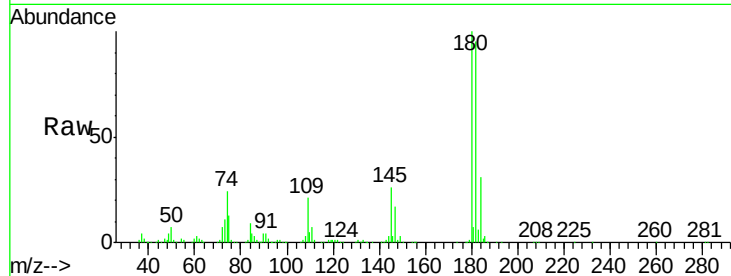




#93
 1,2,4-Trichlorobenzene
 Concen: 52.186 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.01 min
 Lab File: VY003370.D
 Acq: 28 Jul 2020 12:42

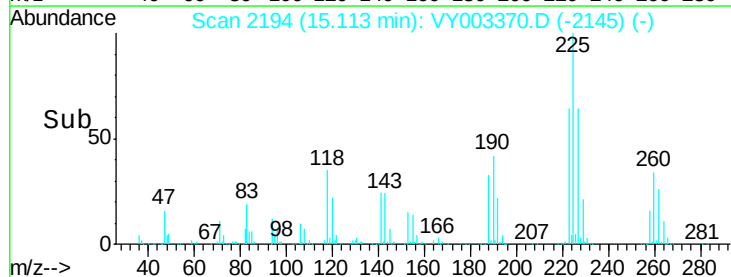
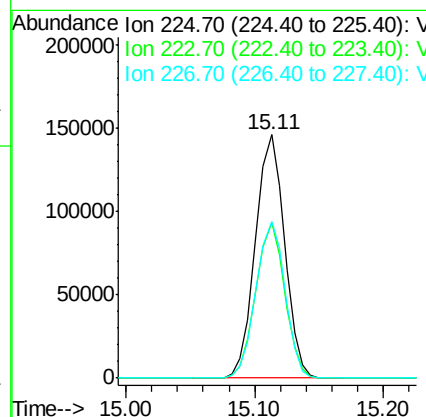
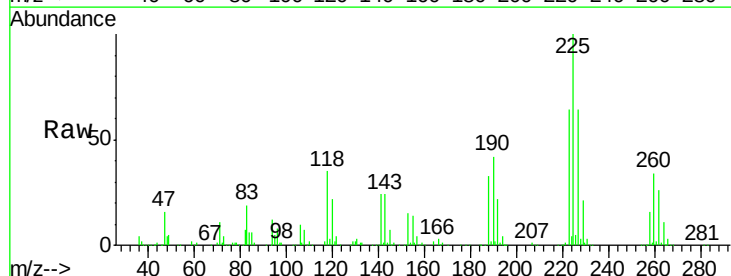
Instrument :
 MSVOA_Y
 ClientSampled :

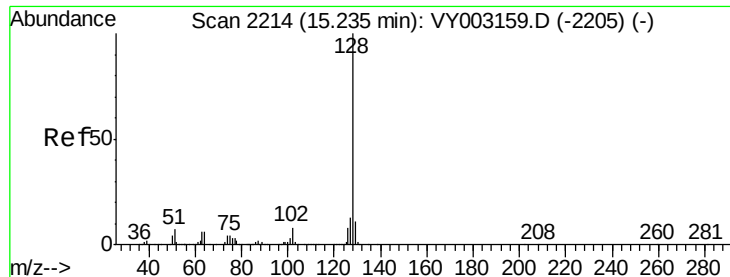
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.5	47.3	142.0
145	27.3	13.7	41.1



#94
 Hexachlorobutadiene
 Concen: 51.434 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.00 min
 Lab File: VY003370.D
 Acq: 28 Jul 2020 12:42

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.6	31.6	94.7
227	64.3	32.3	96.8

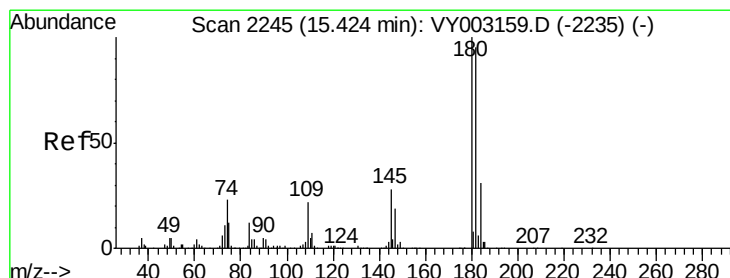
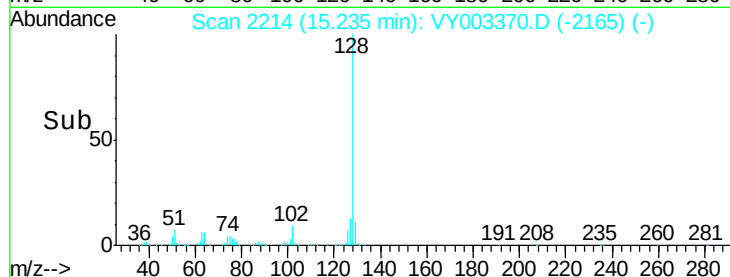
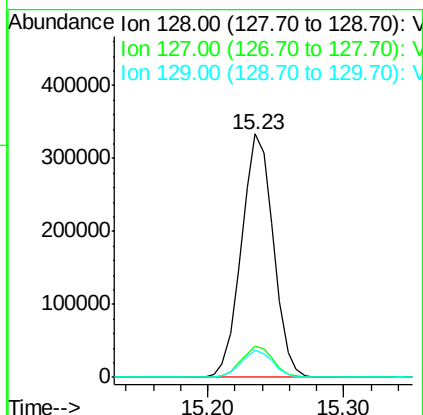
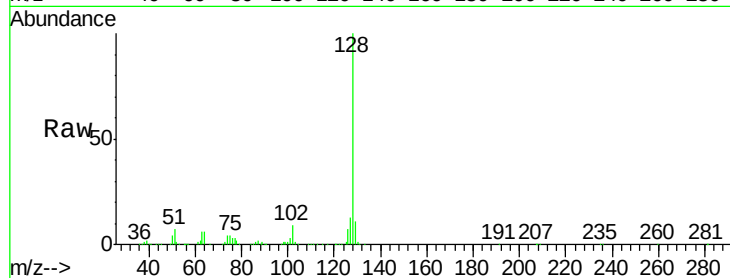




#95
Naphthalene
Concen: 51.069 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VY003370.D
Acq: 28 Jul 2020 12:42

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:128 Resp: 545614
Ion Ratio Lower Upper
128 100
127 12.8 10.9 16.3
129 11.0 9.0 13.6



#96
1,2,3-Trichlorobenzene
Concen: 52.809 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. 0.00 min
Lab File: VY003370.D
Acq: 28 Jul 2020 12:42

Tgt Ion:180 Resp: 269866
Ion Ratio Lower Upper
180 100
182 95.7 48.8 146.3
145 28.8 14.9 44.5

