

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY042820\
 Data File : VY002497.D
 Acq On : 28 Apr 2020 16:11
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Apr 29 00:46:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y042320S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 23 14:11:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	264801	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.70	114	390620	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.49	117	359939	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.43	152	169032	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	109931	47.50	ug/l	-0.02
Spiked Amount			Recovery	=	95.00%	
35) Dibromofluoromethane	7.73	113	106102	48.16	ug/l	-0.02
Spiked Amount			Recovery	=	96.32%	
50) Toluene-d8	10.19	98	408614	46.14	ug/l	-0.01
Spiked Amount			Recovery	=	92.28%	
62) 4-Bromofluorobenzene	12.49	95	139114	46.82	ug/l	0.00
Spiked Amount			Recovery	=	93.64%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	102130	52.664	ug/l	98
3) Chloromethane	2.12	50	124176	50.326	ug/l	99
4) Vinyl Chloride	2.26	62	89064	50.246	ug/l	97
5) Bromomethane	2.65	94	56946	57.242	ug/l	94
6) Chloroethane	2.80	64	43848	47.238	ug/l	98
7) Trichlorofluoromethane	3.13	101	175171	54.500	ug/l	98
8) Diethyl Ether	3.54	74	69126	52.177	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.91	101	110706	50.037	ug/l	98
10) Methyl Iodide	4.10	142	174265	51.057	ug/l	100
11) Tert butyl alcohol	4.97	59	55097	252.931	ug/l	98
12) 1,1-Dichloroethene	3.88	96	112970	49.836	ug/l	98
13) Acrolein	3.74	56	53701	307.959	ug/l	99
14) Allyl chloride	4.49	41	157850	47.384	ug/l	99
15) Acrylonitrile	5.18	53	156649	247.122	ug/l	99
16) Acetone	3.96	43	120279	248.674	ug/l	95
17) Carbon Disulfide	4.21	76	336511	47.608	ug/l	99
18) Methyl Acetate	4.49	43	72761	46.749	ug/l	99
19) Methyl tert-butyl Ether	5.24	73	314373	51.395	ug/l	99
20) Methylene Chloride	4.73	84	128382	46.490	ug/l	98
21) trans-1,2-Dichloroethene	5.24	96	123049	48.215	ug/l	96
22) Diisopropyl ether	6.13	45	308119	46.779	ug/l	97
23) Vinyl Acetate	6.08	43	1014673	242.433	ug/l	99
24) 1,1-Dichloroethane	6.04	63	192233	48.205	ug/l	100
25) 2-Butanone	7.00	43	181126	244.433	ug/l	99
26) 2,2-Dichloropropane	6.99	77	190160	49.862	ug/l	98
27) cis-1,2-Dichloroethene	7.00	96	138956	50.059	ug/l	99
28) Bromochloromethane	7.35	49	69430	44.628	ug/l	93
29) Tetrahydrofuran	7.36	42	117286	238.732	ug/l	98
30) Chloroform	7.52	83	211827	49.889	ug/l	96
31) Cyclohexane	7.80	56	170840	42.842	ug/l	96
32) 1,1,1-Trichloroethane	7.71	97	201995	50.347	ug/l	100
36) 1,1-Dichloropropene	7.93	75	158030	47.182	ug/l	100
37) Ethyl Acetate	7.08	43	77533	46.077	ug/l	99
38) Carbon Tetrachloride	7.91	117	193443	50.224	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	205723	47.084	ug/l	95
40) Benzene	8.17	78	451157	46.603	ug/l	100
41) Methacrylonitrile	7.34	41	50627m	48.835	ug/l	
42) 1,2-Dichloroethane	8.25	62	139859	49.733	ug/l	100
43) Isopropyl Acetate	8.28	43	150123	47.701	ug/l	99
44) Trichloroethene	8.95	130	148052	48.910	ug/l	97
45) 1,2-Dichloropropane	9.22	63	105348	47.217	ug/l	98
46) Dibromomethane	9.31	93	64765	49.614	ug/l	98
47) Bromodichloromethane	9.50	83	163569	50.106	ug/l	97
48) Methyl methacrylate	9.30	41	69104	48.099	ug/l	97
49) 1,4-Dioxane	9.30	88	17074	1026.337	ug/l	95
51) 4-Methyl-2-Pentanone	10.08	43	395574	241.988	ug/l	98
52) Toluene	10.25	92	305649	49.048	ug/l	98
53) t-1,3-Dichloropropene	10.47	75	172026	50.179	ug/l	99
54) cis-1,3-Dichloropropene	9.94	75	193727	49.371	ug/l	99
55) 1,1,2-Trichloroethane	10.65	97	95034	49.239	ug/l	98
56) Ethyl methacrylate	10.52	69	130463	49.470	ug/l	98
57) 1,3-Dichloropropane	10.80	76	159902	49.072	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.79	63	282731	221.696	ug/l	98
59) 2-Hexanone	10.84	43	272346	239.019	ug/l	98
60) Dibromochloromethane	10.99	129	113046	44.699	ug/l	100
61) 1,2-Dibromoethane	11.10	107	94268	49.255	ug/l	100
64) Tetrachloroethene	10.72	164	162729	49.329	ug/l	96
65) Chlorobenzene	11.52	112	343935	49.565	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.60	131	132388	50.847	ug/l	99
67) Ethyl Benzene	11.60	91	602862	48.747	ug/l	99
68) m/p-Xylenes	11.70	106	464730	97.615	ug/l	98
69) o-Xylene	12.03	106	220399	49.991	ug/l	100
70) Styrene	12.05	104	380054	49.508	ug/l	99
71) Bromoform	12.21	173	83090	50.658	ug/l #	100
73) Isopropylbenzene	12.33	105	590542	52.258	ug/l	99
74) N-amyl acetate	12.14	43	137778	51.451	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	89831	51.758	ug/l	98
76) 1,2,3-Trichloropropane	12.64	75	69172m	48.283	ug/l	
77) Bromobenzene	12.61	156	152448	53.789	ug/l	98
78) n-propylbenzene	12.67	91	686898	52.352	ug/l	99
79) 2-Chlorotoluene	12.76	91	377998	52.648	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	514753	53.669	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	39913	51.554	ug/l #	94
82) 4-Chlorotoluene	12.86	91	402055	54.182	ug/l	100
83) tert-Butylbenzene	13.08	119	455156	54.648	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	516406	56.119	ug/l	100
85) sec-Butylbenzene	13.25	105	607523	54.475	ug/l	99
86) p-Isopropyltoluene	13.38	119	458108	43.073	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	235421	44.910	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	274467	52.656	ug/l	99
89) n-Butylbenzene	13.70	91	511491	52.133	ug/l	99
90) Hexachloroethane	13.97	117	103374	53.775	ug/l	97
91) 1,2-Dichlorobenzene	13.74	146	258694	57.305	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	18580	53.923	ug/l	99

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Response via : Initial Calibration

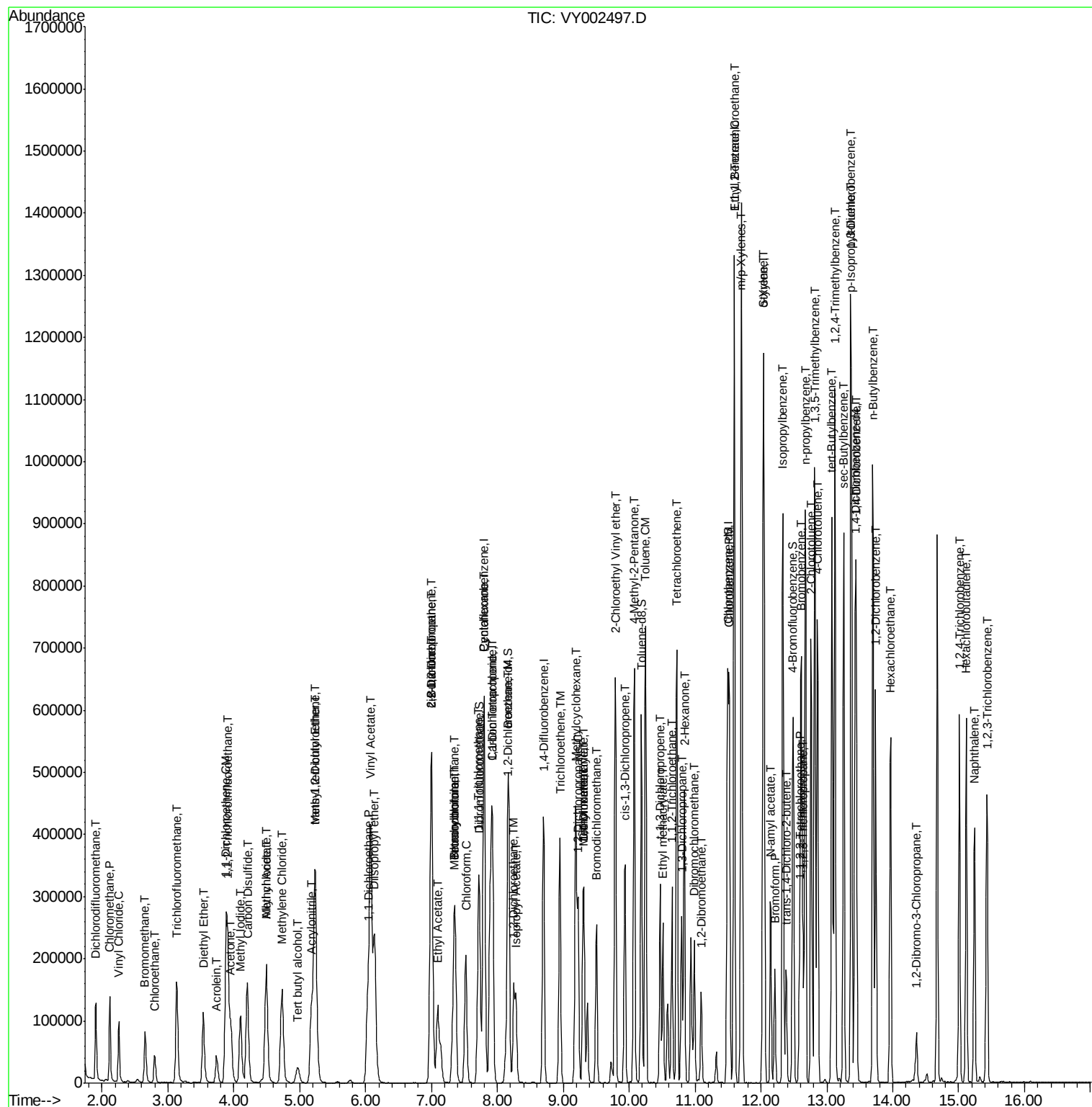
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	193119	54.203	ug/l	99
94) Hexachlorobutadiene	15.12	225	117859	54.812	ug/l	100
95) Naphthalene	15.24	128	356415	53.938	ug/l	100
96) 1,2,3-Trichlorobenzene	15.43	180	165479	54.756	ug/l	98

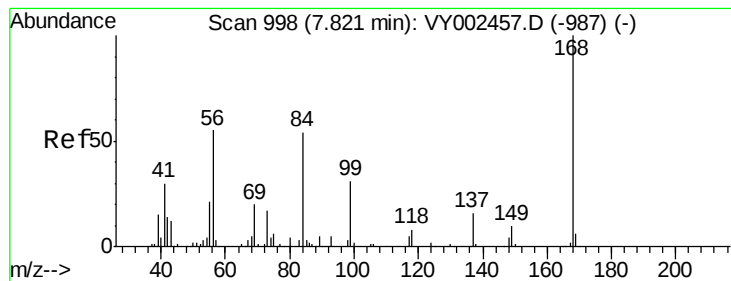
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.02 min

Lab File: VY002497.D

Acq: 28 Apr 2020 16:11

Instrument :

MSVOA_Y

ClientSampleId :

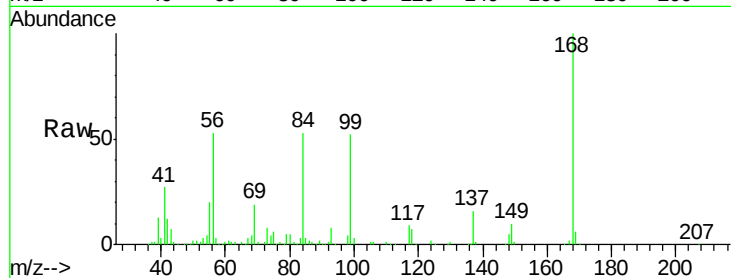
VSTDCCC050EC

Tot Ion:168 Resp: 264801

Ion Ratio Lower Upper

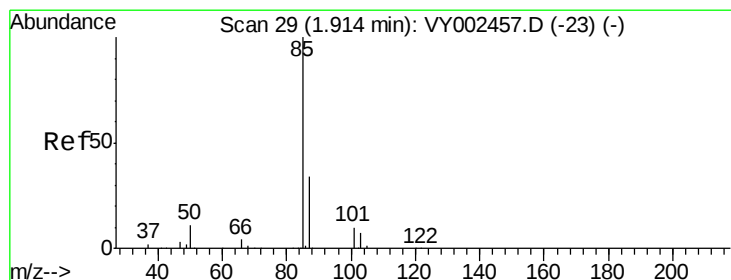
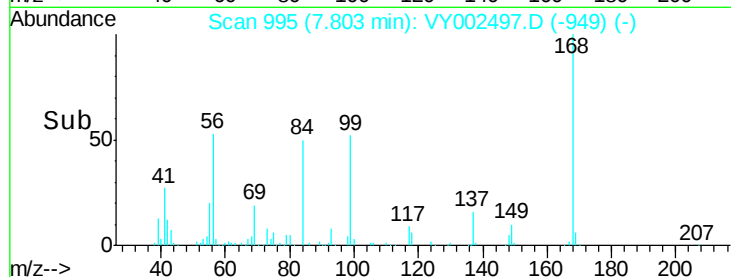
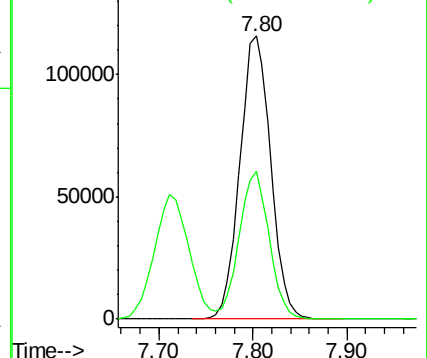
168 100

99 52.1 39.7 59.5



Abundance Ion 167.90 (167.60 to 168.60): VY002457.D (-987) (-)

Ion 98.90 (98.60 to 99.60): VY002457.D (-987) (-)



#2

Dichlorodifluoromethane

Concen: 52.664 ug/l

RT: 1.91 min Scan# 28

Delta R.T. -0.01 min

Lab File: VY002497.D

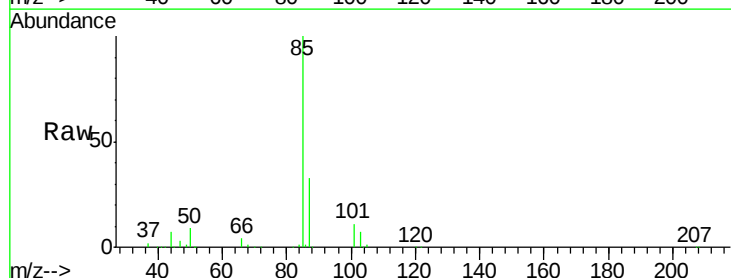
Acq: 28 Apr 2020 16:11

Tgt Ion: 85 Resp: 102130

Ion Ratio Lower Upper

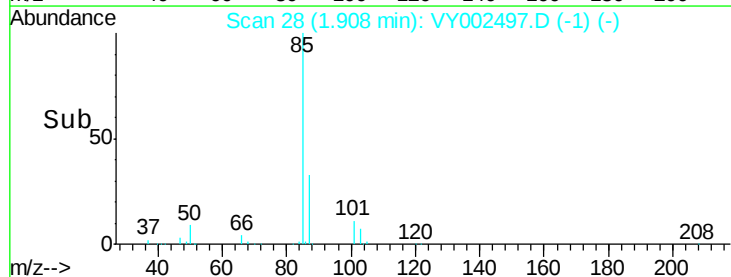
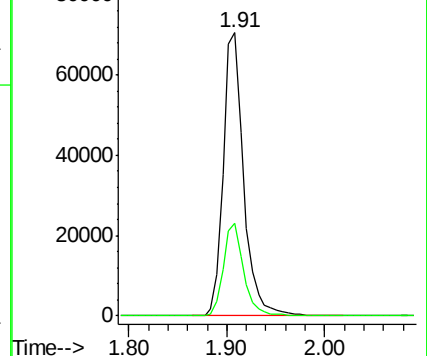
85 100

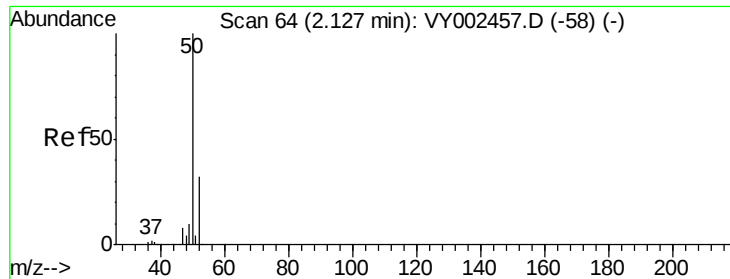
87 32.8 17.1 51.3



Abundance Ion 84.90 (84.60 to 85.60): VY002457.D (-23) (-)

Ion 86.90 (86.60 to 87.60): VY002457.D (-23) (-)





#3

Chloromethane

Concen: 50.326 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.01 min

Lab File: VY002497.D

Acq: 28 Apr 2020 16:11

Instrument :

MSVOA_Y

ClientSampleId :

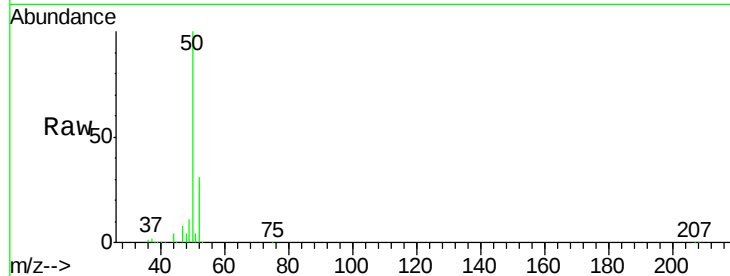
VSTDCCC050EC

Tot Ion: 50 Resp: 124176

Ion Ratio Lower Upper

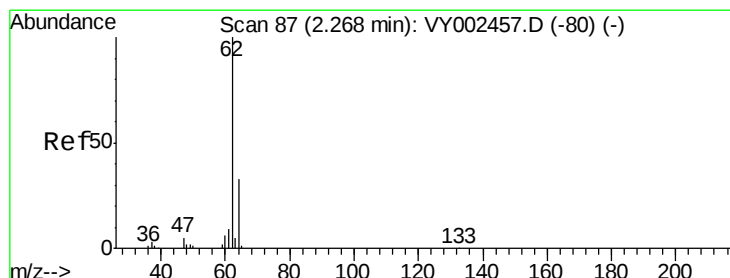
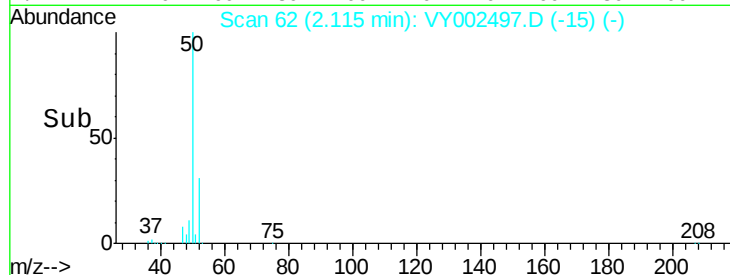
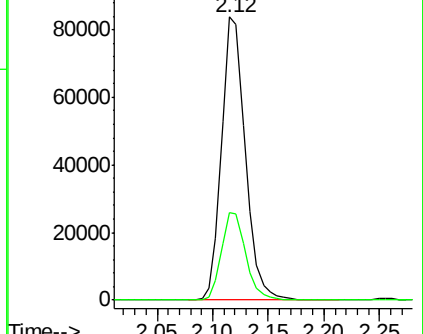
50 100

52 31.1 25.2 37.8



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 50.246 ug/l

RT: 2.26 min Scan# 85

Delta R.T. -0.01 min

Lab File: VY002497.D

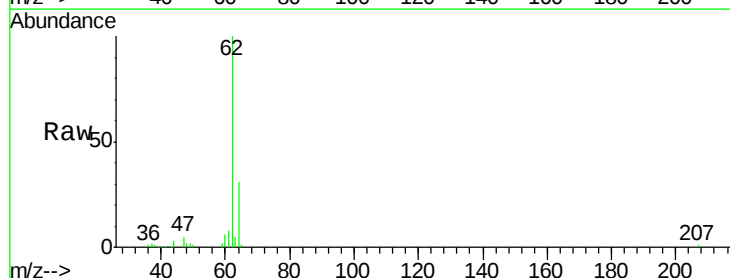
Acq: 28 Apr 2020 16:11

Tgt Ion: 62 Resp: 89064

Ion Ratio Lower Upper

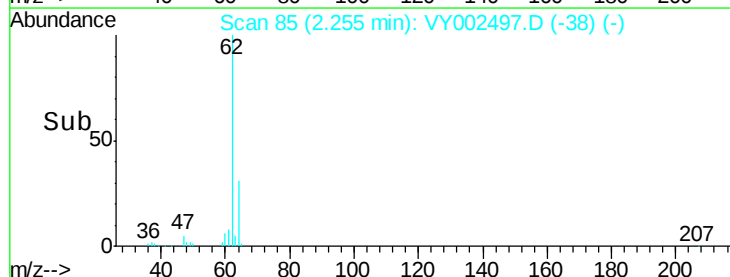
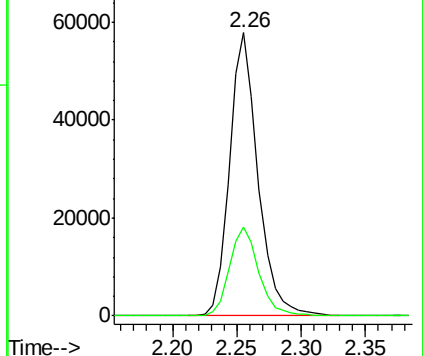
62 100

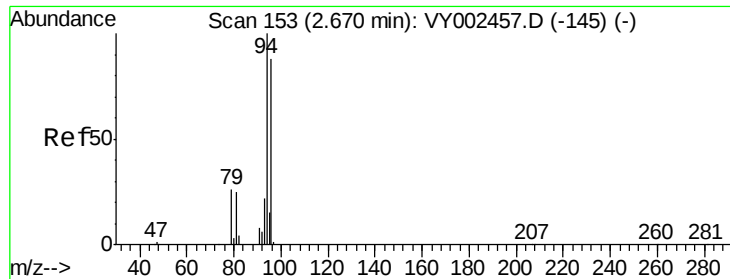
64 31.3 26.6 39.8



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 57.242 ug/l

RT: 2.65 min Scan# 150

Delta R.T. -0.02 min

Lab File: VY002497.D

Acq: 28 Apr 2020 16:11

Instrument :

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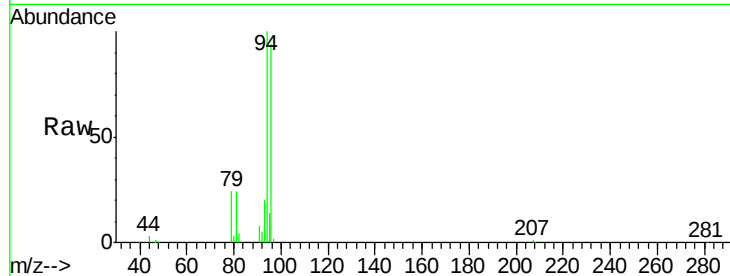
VSTDCCC050EC

Tot Ion: 94 Resp: 56946

Ion Ratio Lower Upper

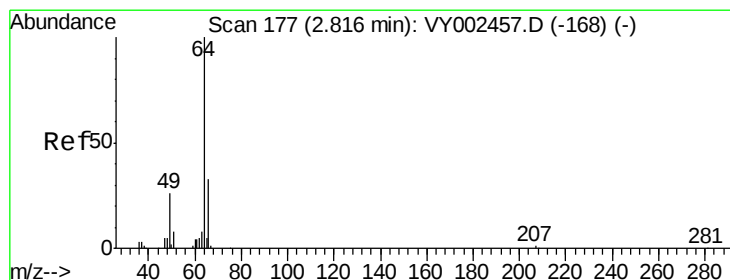
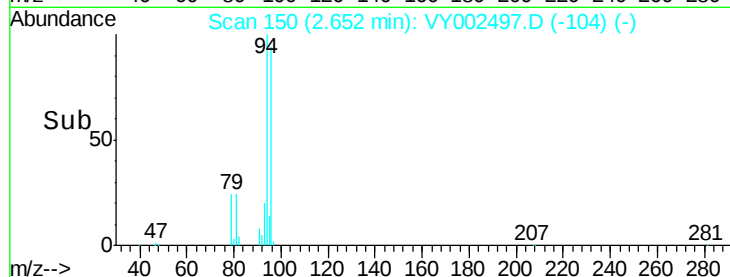
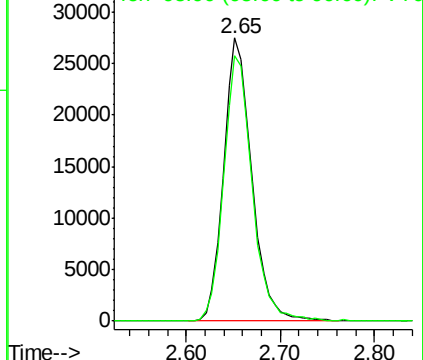
94 100

96 93.7 70.2 105.4



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 47.238 ug/l

RT: 2.80 min Scan# 174

Delta R.T. -0.02 min

Lab File: VY002497.D

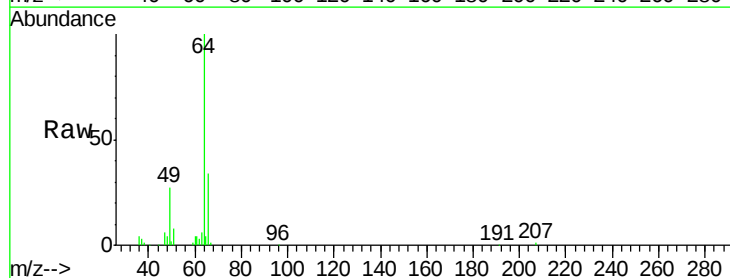
Acq: 28 Apr 2020 16:11

Tgt Ion: 64 Resp: 43848

Ion Ratio Lower Upper

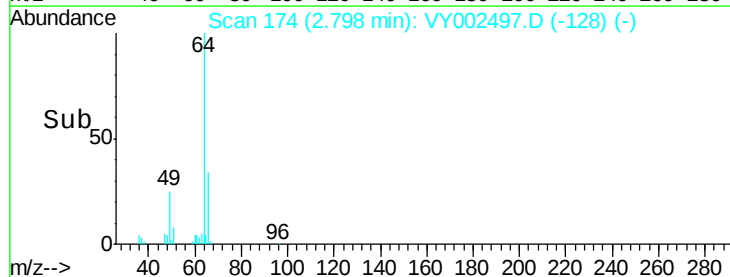
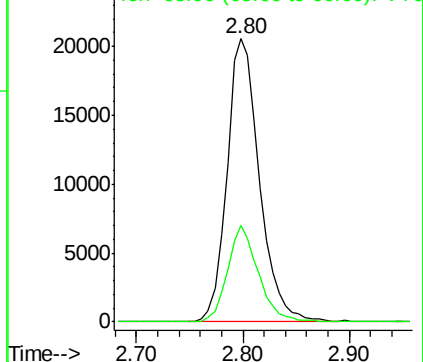
64 100

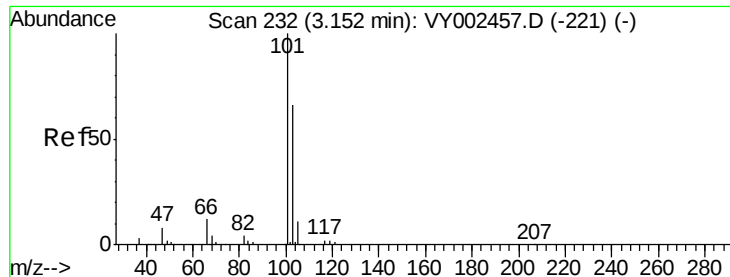
66 34.2 26.6 40.0



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



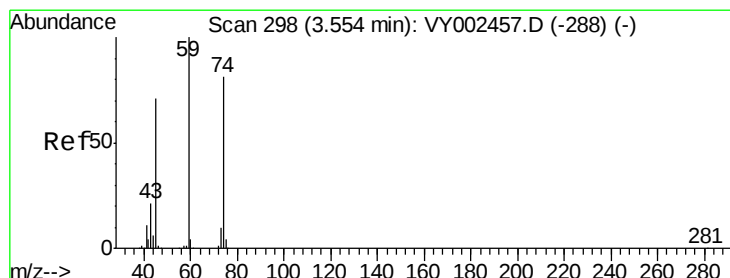
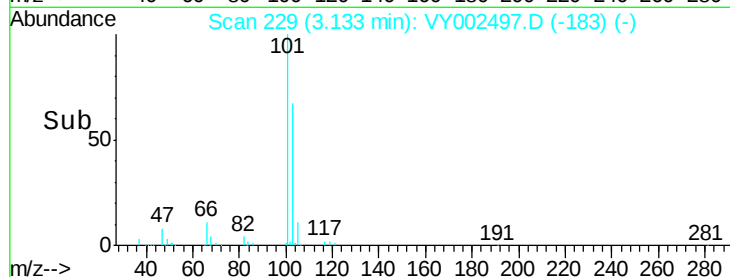
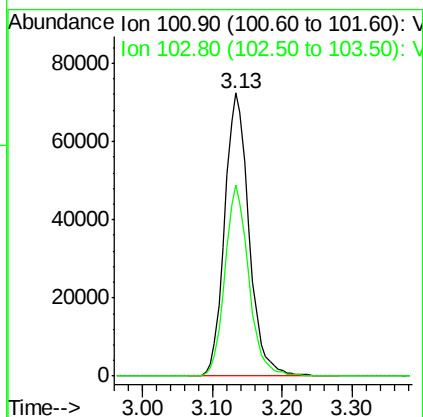
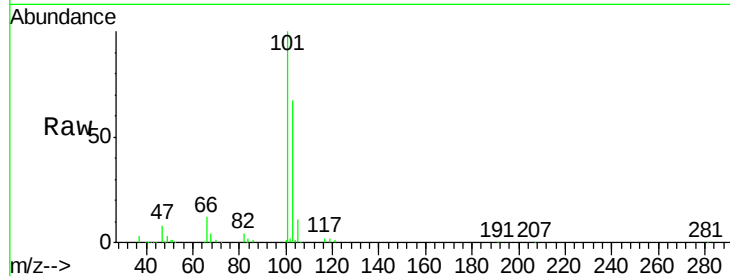


#7

Trichlorofluoromethane
Concen: 54.500 ug/l
RT: 3.13 min Scan# 229
Delta R.T. -0.02 min
Lab File: VY002497.D
Acq: 28 Apr 2020 16:11

Instrument :
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ClientSampleId :
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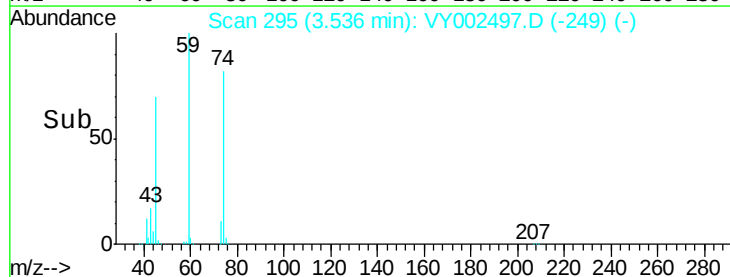
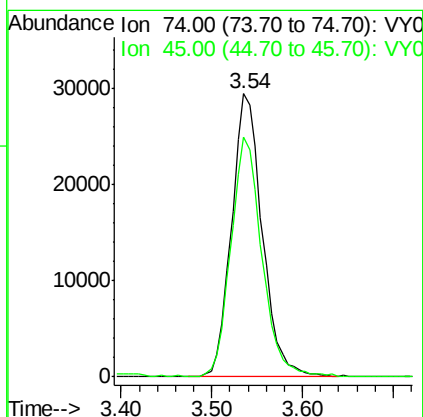
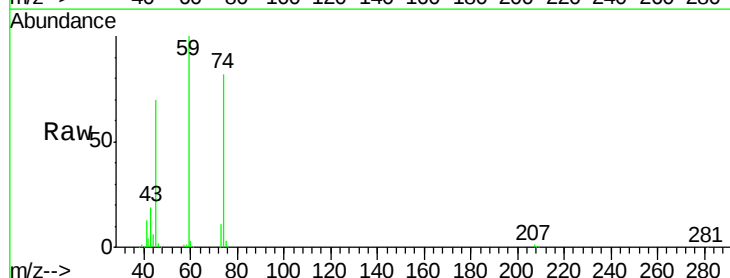
Tot Ion:101 Resp: 175171
Ion Ratio Lower Upper
101 100
103 67.4 52.5 78.7

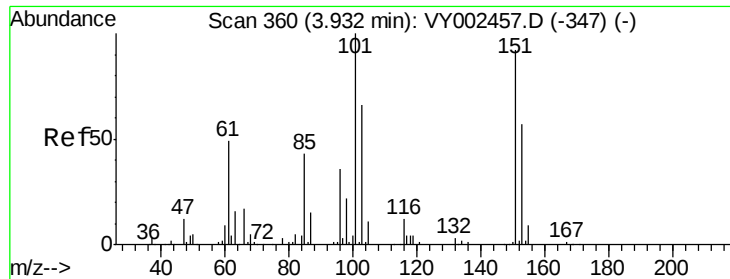


#8

Diethyl Ether
Concen: 52.177 ug/l
RT: 3.54 min Scan# 295
Delta R.T. -0.02 min
Lab File: VY002497.D
Acq: 28 Apr 2020 16:11

Tgt Ion: 74 Resp: 69126
Ion Ratio Lower Upper
74 100
45 85.8 44.0 132.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.037 ug/l

RT: 3.91 min Scan# 356

Delta R.T. -0.02 min

Lab File: VY002497.D

Acq: 28 Apr 2020 16:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

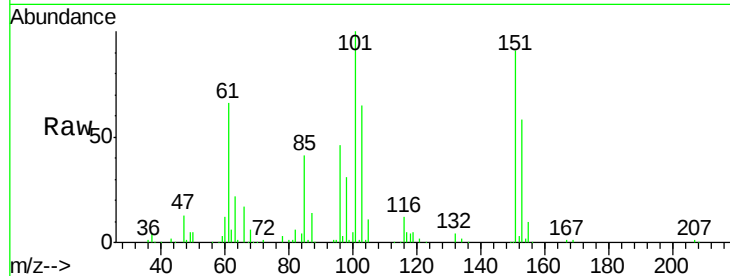
Tot Ion:101 Resp: 110706

Ion Ratio Lower Upper

101 100

85 43.4 34.1 51.1

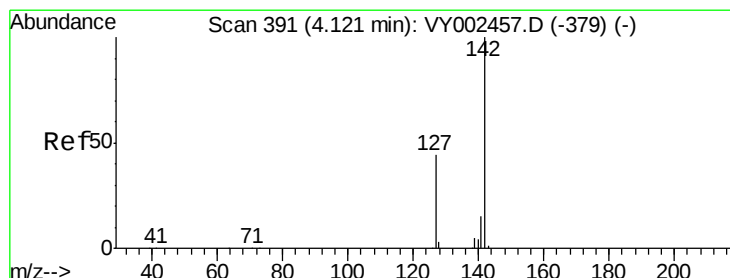
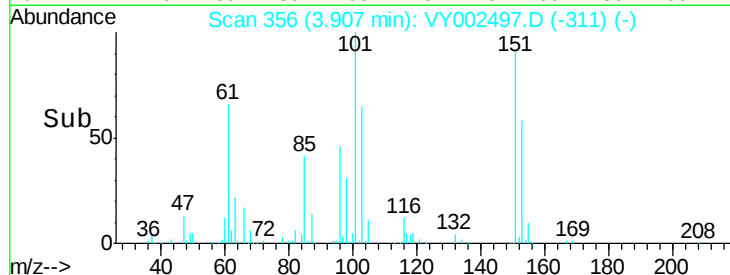
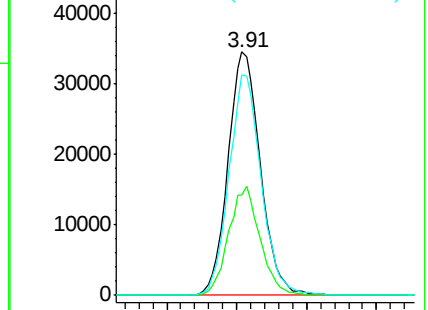
151 90.1 70.3 105.5



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: 51.057 ug/l

RT: 4.10 min Scan# 388

Delta R.T. -0.02 min

Lab File: VY002497.D

Acq: 28 Apr 2020 16:11

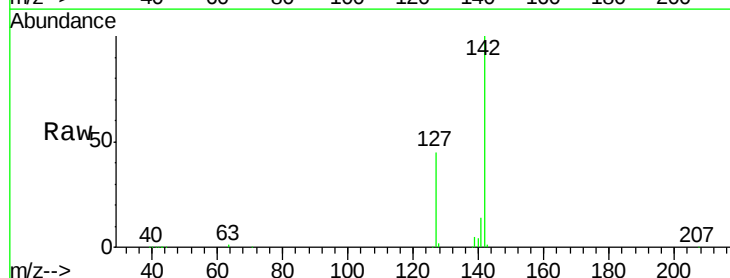
Tgt Ion:142 Resp: 174265

Ion Ratio Lower Upper

142 100

127 45.1 35.8 53.8

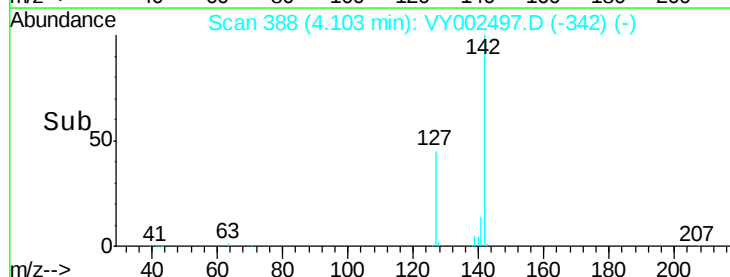
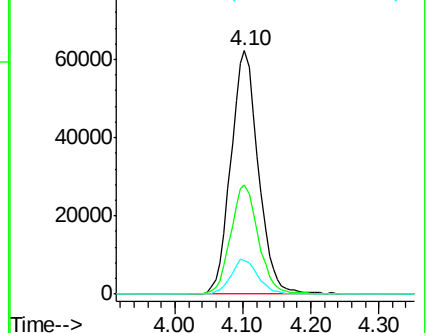
141 14.2 11.6 17.4

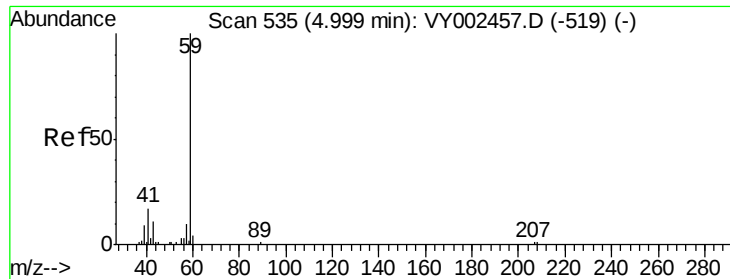


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



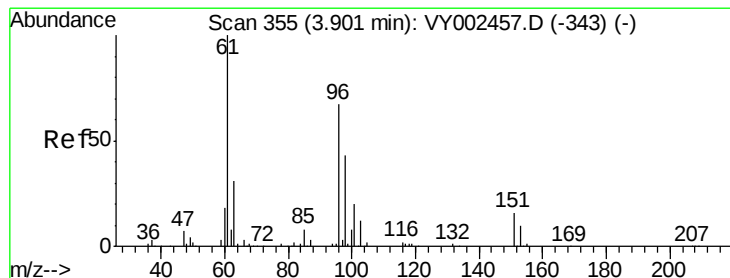
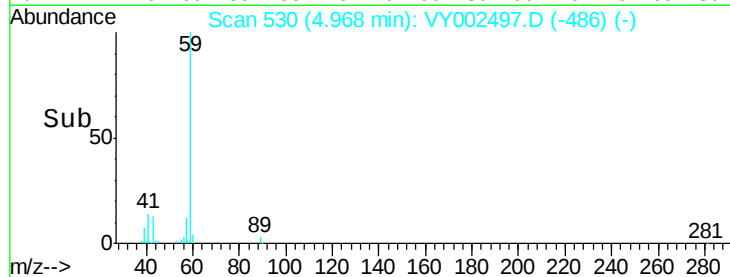
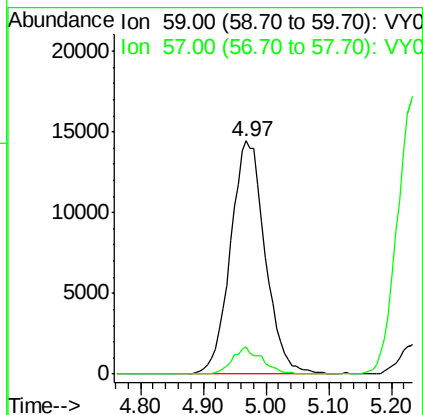
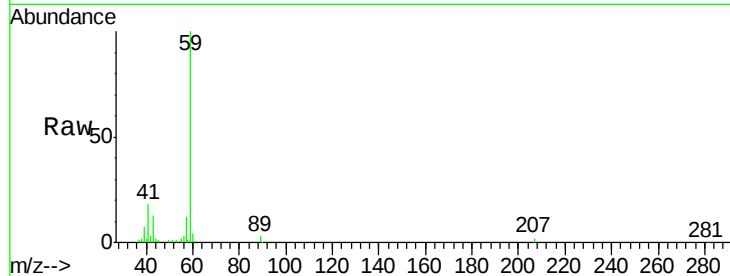


#11

Tert butyl alcohol
 Concen: 252.931 ug/l
 RT: 4.97 min Scan# 530
 Delta R.T. -0.03 min
 Lab File: VY002497.D
 Acq: 28 Apr 2020 16:11

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

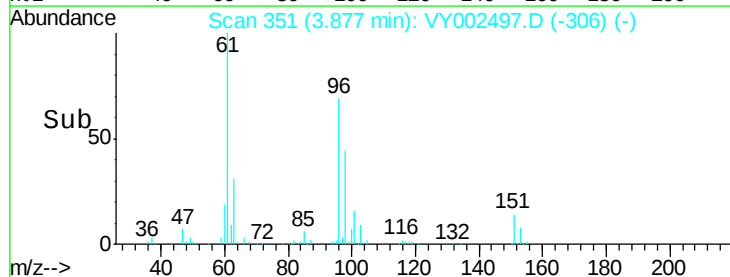
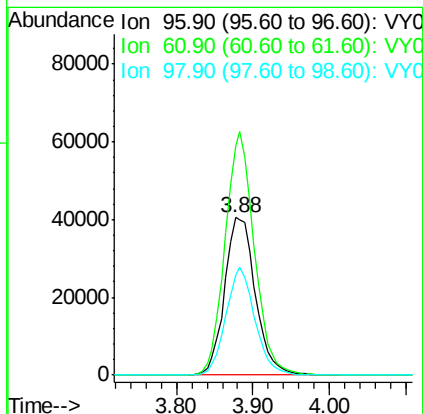
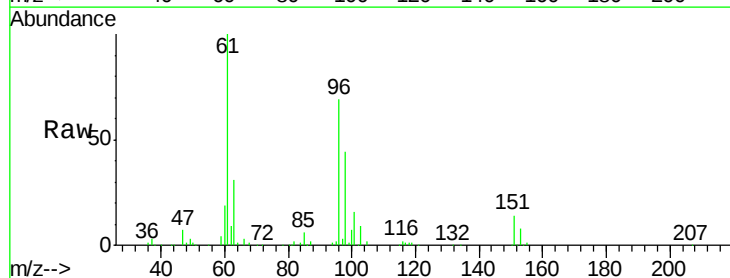
Tot Ion: 59 Resp: 55097
 Ion Ratio Lower Upper
 59 100
 57 9.9 8.4 12.6

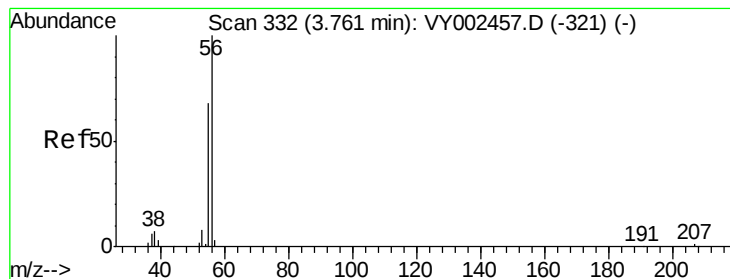


#12

1,1-Dichloroethene
 Concen: 49.836 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. -0.02 min
 Lab File: VY002497.D
 Acq: 28 Apr 2020 16:11

Tgt Ion: 96 Resp: 112970
 Ion Ratio Lower Upper
 96 100
 61 145.8 119.0 178.6
 98 63.5 51.4 77.2





#13

Acrolein

Concen: 307.959 ug/l

RT: 3.74 min Scan# 329

Delta R.T. -0.02 min

Lab File: VY002497.D

Acq: 28 Apr 2020 16:11

Instrument :

MSVOA_Y

ClientSampleId :

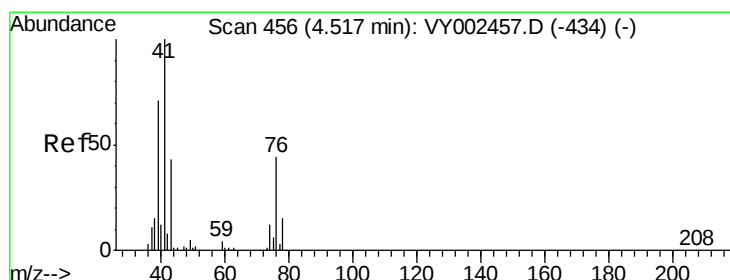
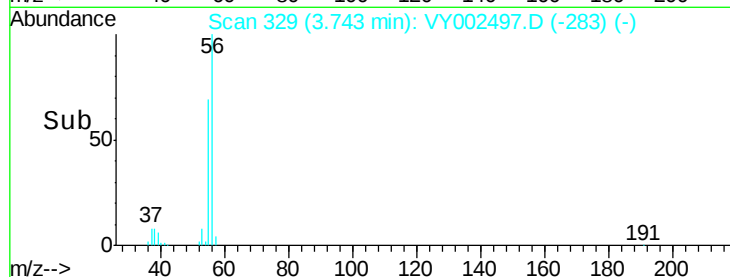
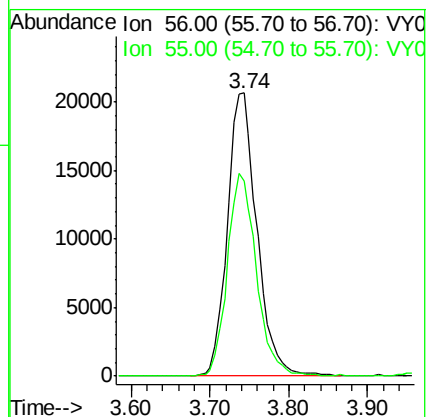
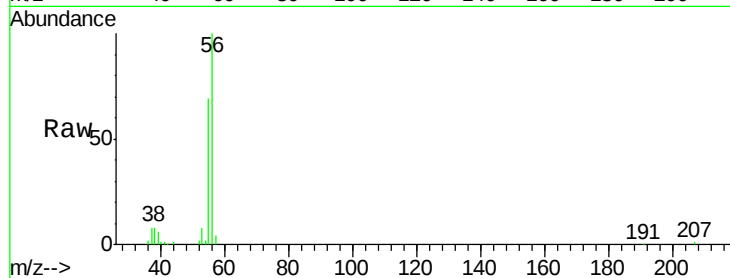
VSTDCCC050EC

Tot Ion: 56 Resp: 53701

Ion Ratio Lower Upper

56 100

55 70.5 55.8 83.6



#14

Allyl chloride

Concen: 47.384 ug/l

RT: 4.49 min Scan# 452

Delta R.T. -0.02 min

Lab File: VY002497.D

Acq: 28 Apr 2020 16:11

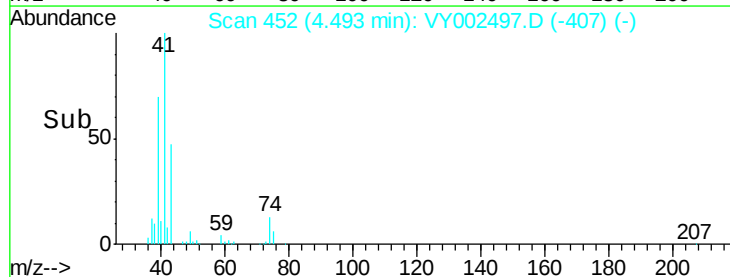
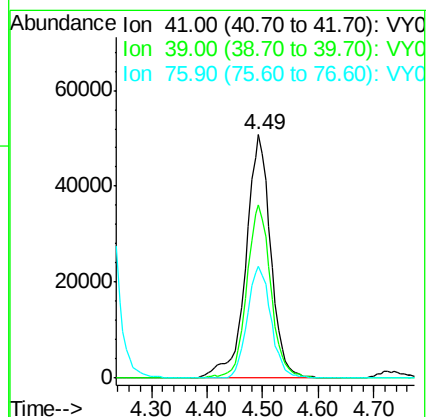
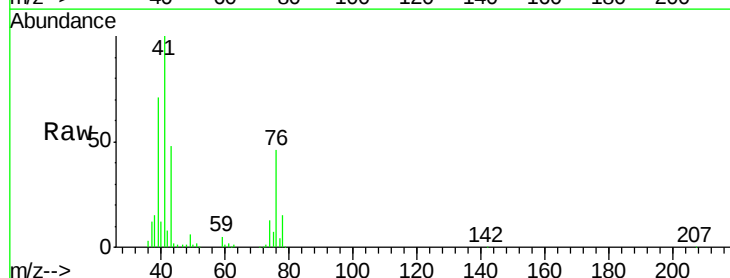
Tgt Ion: 41 Resp: 157850

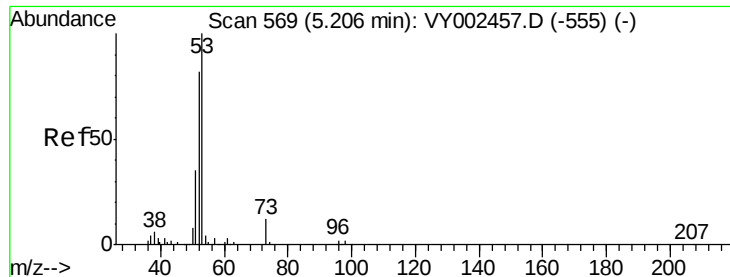
Ion Ratio Lower Upper

41 100

39 68.8 55.1 82.7

76 43.7 34.3 51.5





#15

Acrylonitrile

Concen: 247.122 ug/l

RT: 5.18 min Scan# 564

Delta R.T. -0.03 min

Lab File: VY002497.D

Acq: 28 Apr 2020 16:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

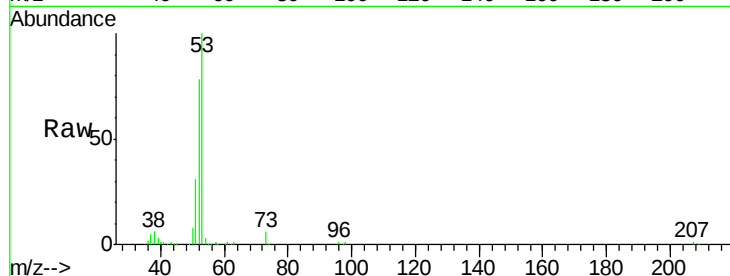
Tot Ion: 53 Resp: 156649

Ion Ratio Lower Upper

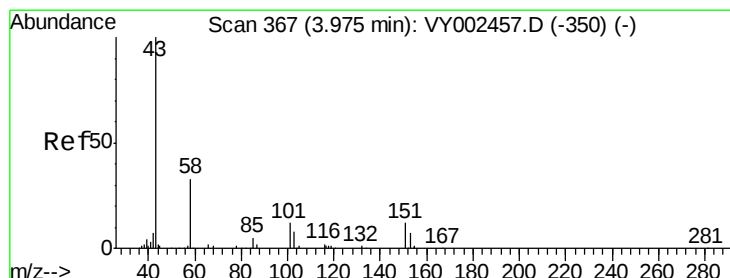
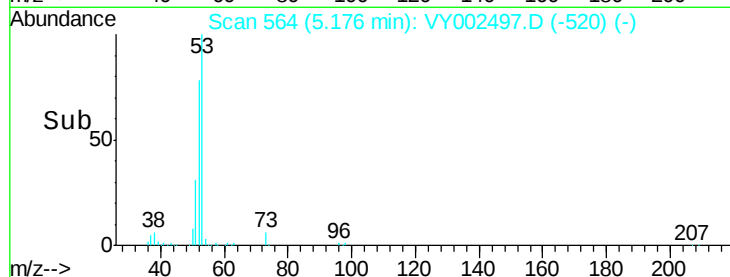
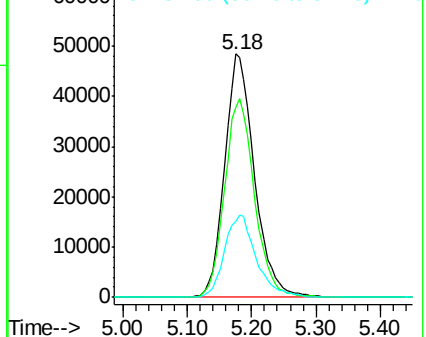
53 100

52 82.1 65.4 98.2

51 36.0 28.3 42.5



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



#16

Acetone

Concen: 248.674 ug/l

RT: 3.96 min Scan# 364

Delta R.T. -0.02 min

Lab File: VY002497.D

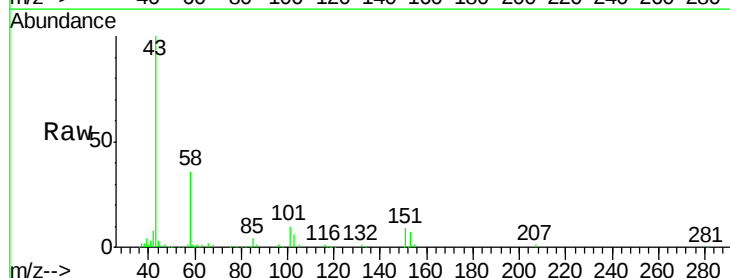
Acq: 28 Apr 2020 16:11

Tgt Ion: 43 Resp: 120279

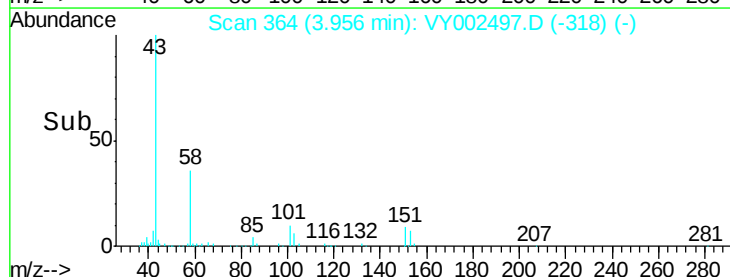
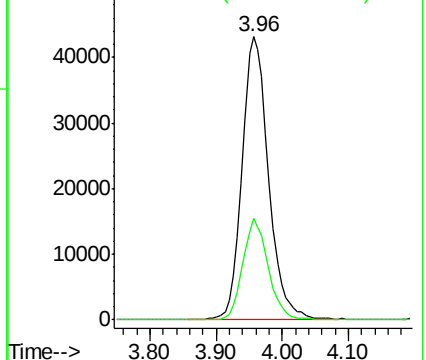
Ion Ratio Lower Upper

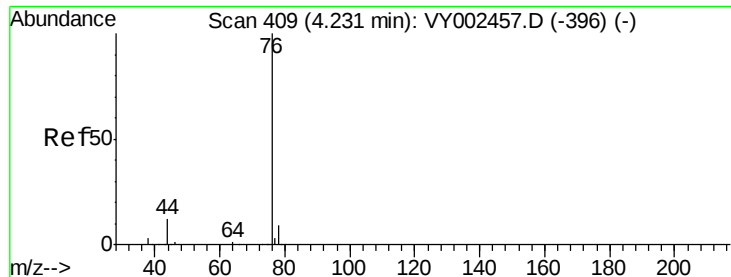
43 100

58 35.8 26.4 39.6



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





#17

Carbon Disulfide

Concen: 47.608 ug/l

RT: 4.21 min Scan# 405

Delta R.T. -0.02 min

Lab File: VY002497.D

Acq: 28 Apr 2020 16:11

Instrument :

MSVOA_Y

ClientSampleId :

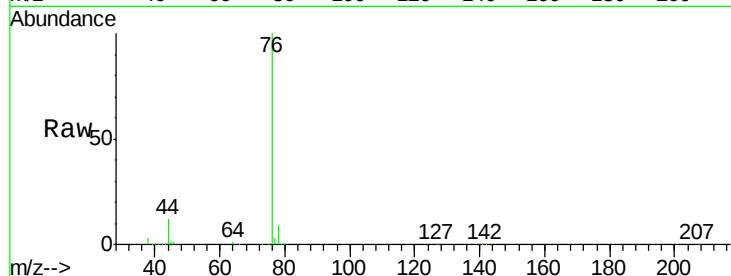
VSTDCCC050EC

Tot Ion: 76 Resp: 336511

Ion Ratio Lower Upper

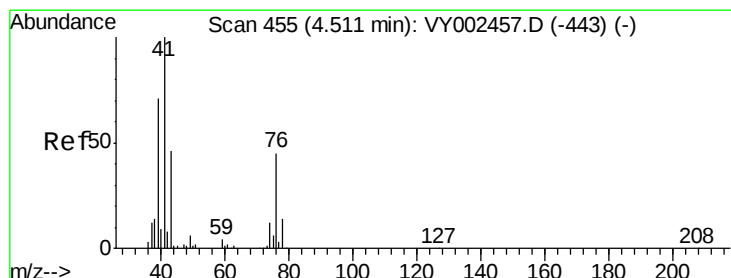
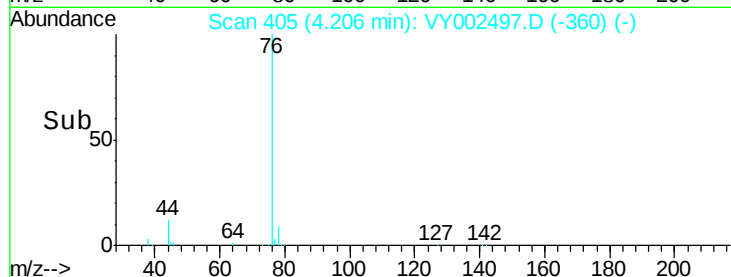
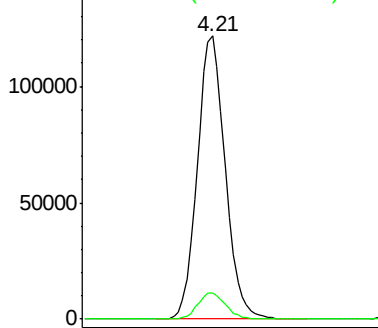
76 100

78 9.4 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 46.749 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.02 min

Lab File: VY002497.D

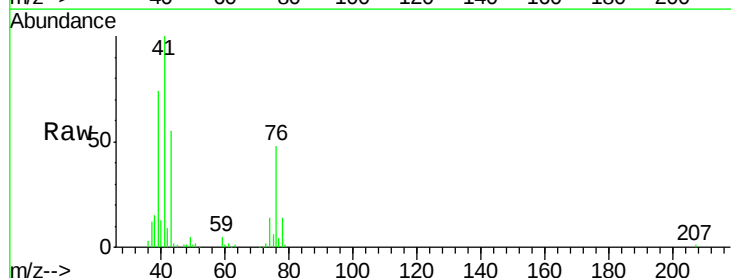
Acq: 28 Apr 2020 16:11

Tgt Ion: 43 Resp: 72761

Ion Ratio Lower Upper

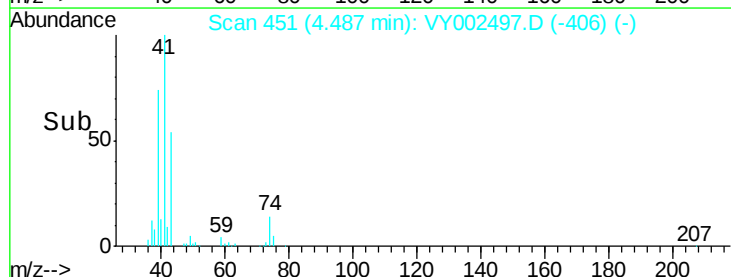
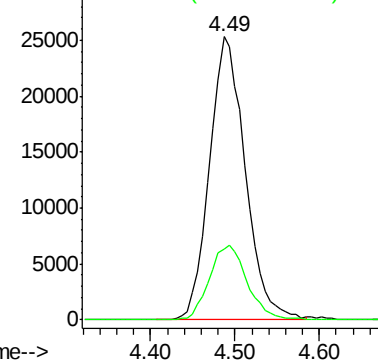
43 100

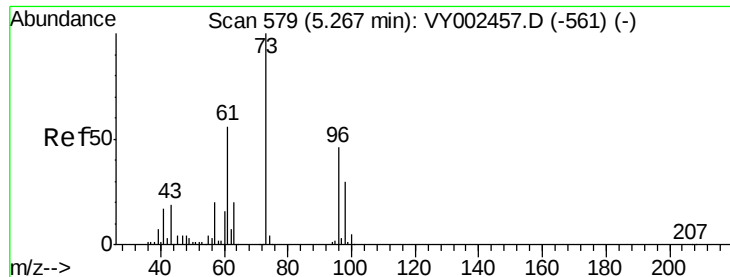
74 27.9 22.0 33.0



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0

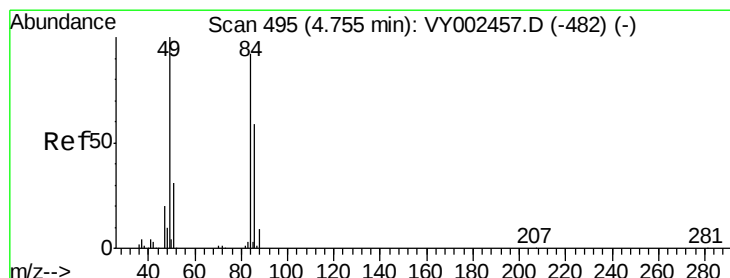
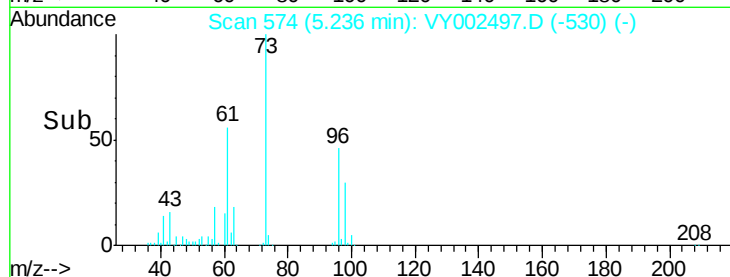
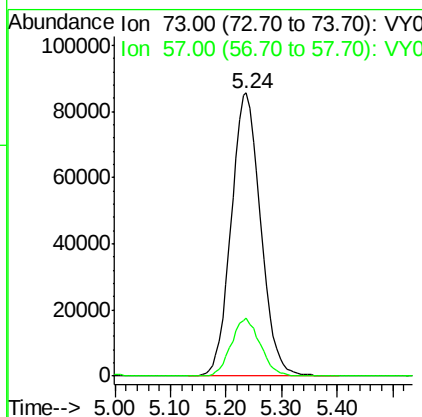
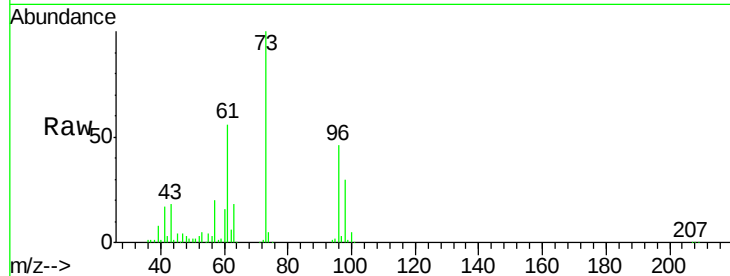




#19
Methvl tert-butvl Ether
Concen: 51.395 ug/l
RT: 5.24 min Scan# 574
Delta R.T. -0.03 min
Lab File: VY002497.D
Acq: 28 Apr 2020 16:11

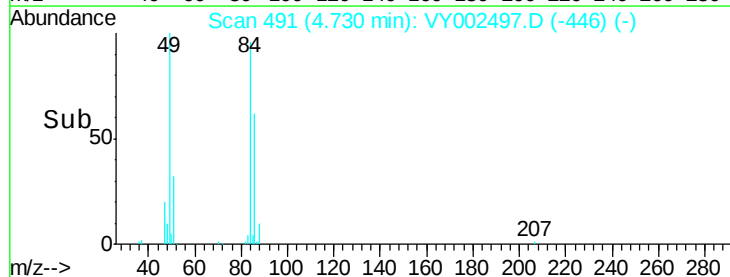
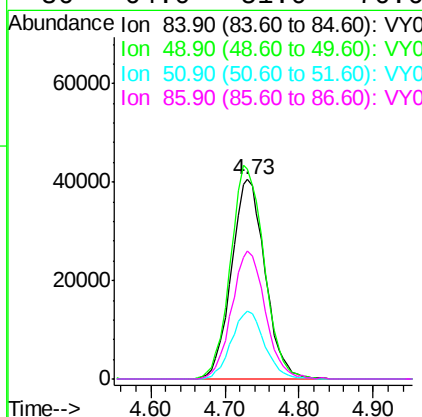
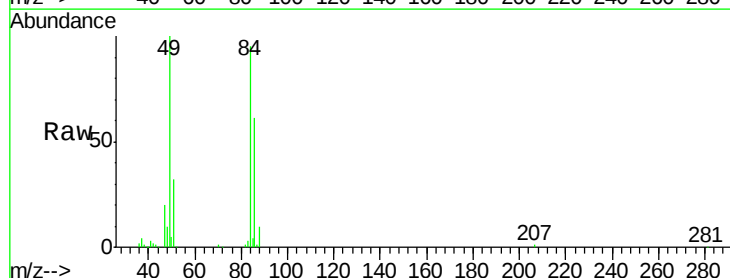
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

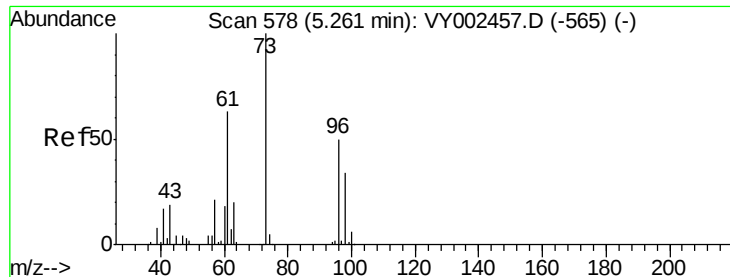
Tot Ion: 73 Resp: 314373
Ion Ratio Lower Upper
73 100
57 20.5 16.0 24.0



#20
Methylene Chloride
Concen: 46.490 ug/l
RT: 4.73 min Scan# 491
Delta R.T. -0.02 min
Lab File: VY002497.D
Acq: 28 Apr 2020 16:11

Tgt Ion: 84 Resp: 128382
Ion Ratio Lower Upper
84 100
49 105.0 86.9 130.3
51 33.9 27.3 40.9
86 64.0 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 48.215 ug/l

RT: 5.24 min Scan# 574

Delta R.T. -0.02 min

Lab File: VY002497.D

Acq: 28 Apr 2020 16:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

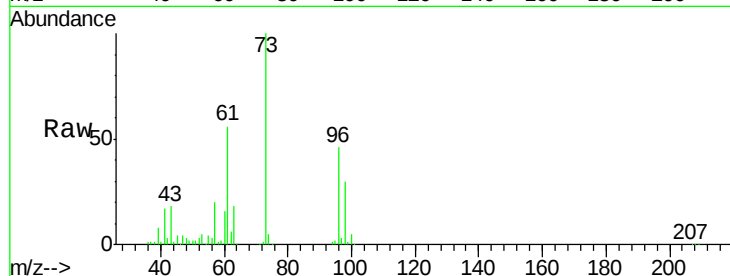
Tot Ion: 96 Resp: 123049

Ion Ratio Lower Upper

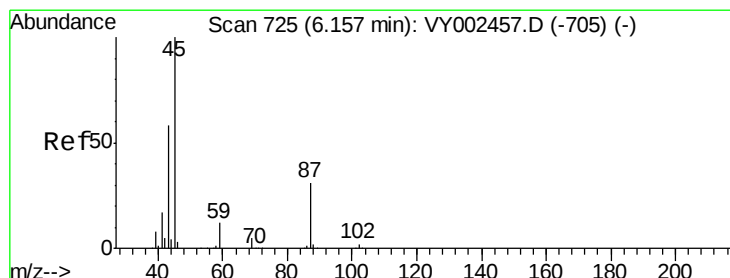
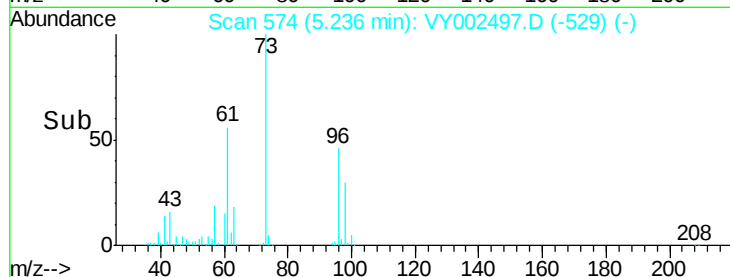
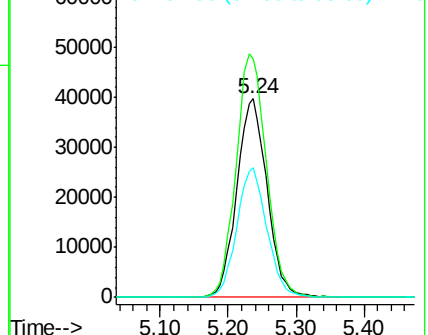
96 100

61 120.5 101.4 152.0

98 65.1 53.6 80.4



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: 46.779 ug/l

RT: 6.13 min Scan# 721

Delta R.T. -0.02 min

Lab File: VY002497.D

Acq: 28 Apr 2020 16:11

Tgt Ion: 45 Resp: 308119

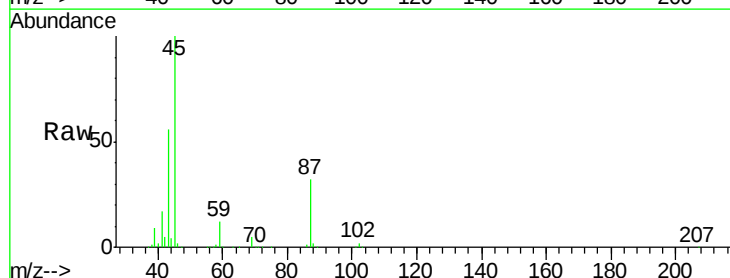
Ion Ratio Lower Upper

45 100

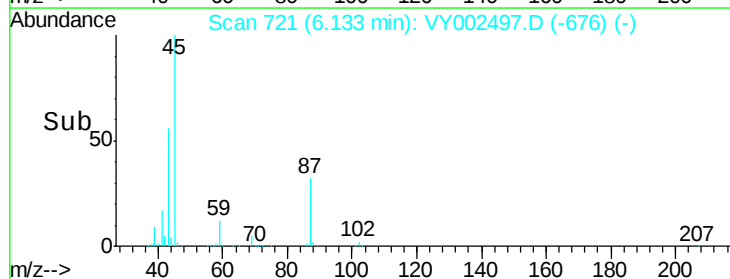
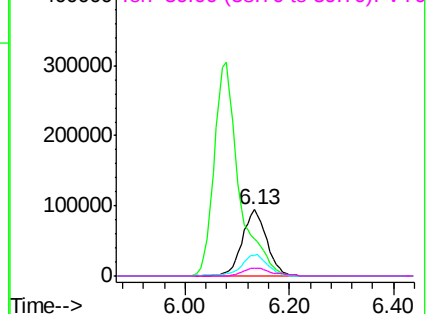
43 56.0 47.1 70.7

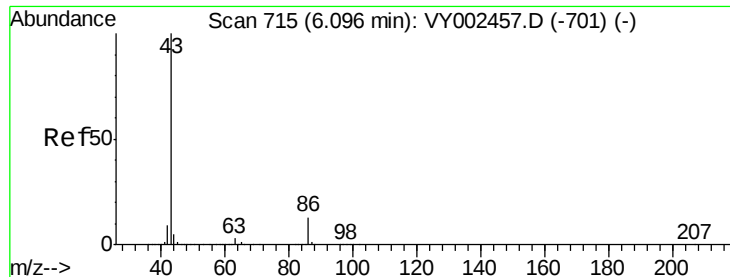
87 32.0 25.0 37.6

59 11.5 9.7 14.5



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: 242.433 ug/l

RT: 6.08 min Scan# 712

Delta R.T. -0.02 min

Lab File: VY002497.D

Acq: 28 Apr 2020 16:11

Instrument :

MSVOA_Y

ClientSampleId :

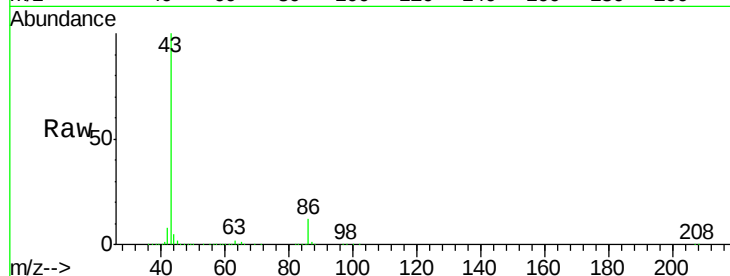
VSTDCCC050EC

Tot Ion: 43 Resp: 1014673

Ion Ratio Lower Upper

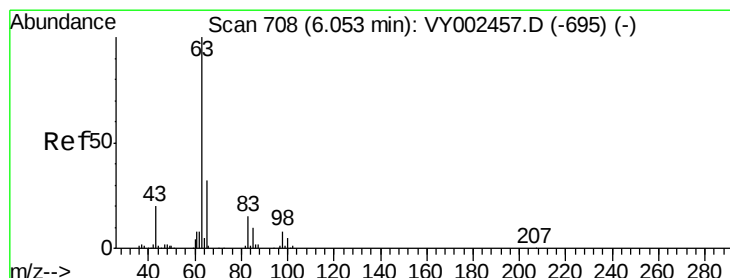
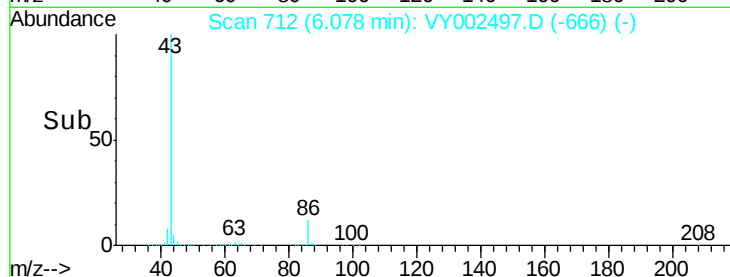
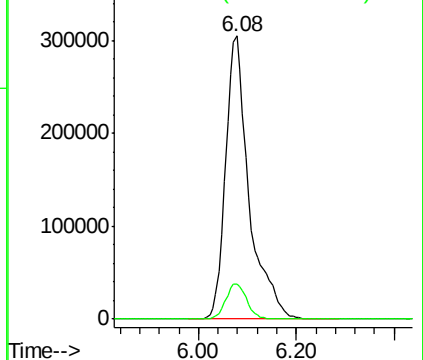
43 100

86 12.4 10.2 15.4



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 48.205 ug/l

RT: 6.04 min Scan# 705

Delta R.T. -0.02 min

Lab File: VY002497.D

Acq: 28 Apr 2020 16:11

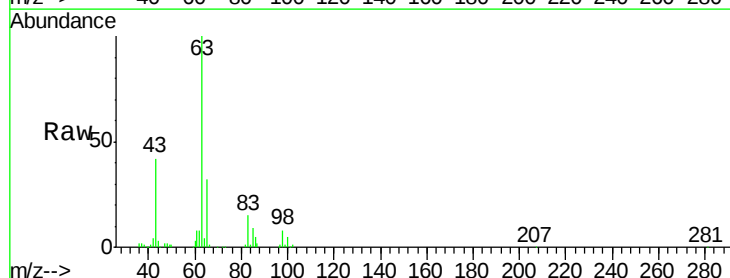
Tgt Ion: 63 Resp: 192233

Ion Ratio Lower Upper

63 100

98 8.3 4.1 12.3

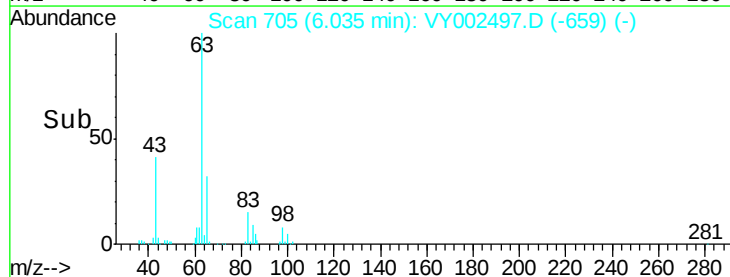
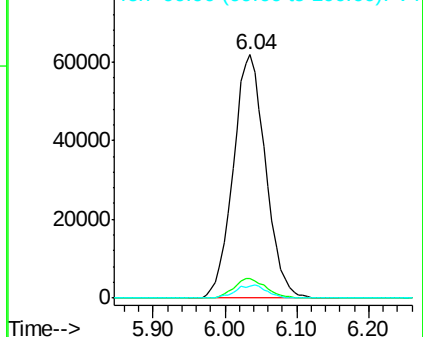
100 5.0 2.5 7.4

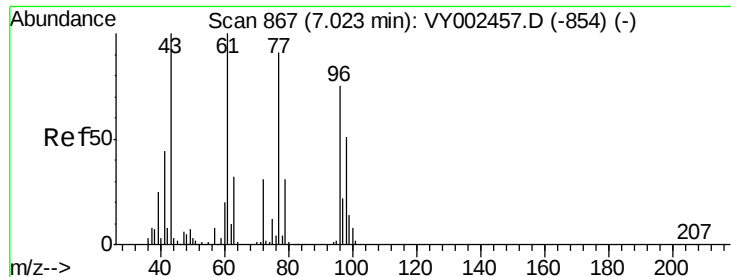


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 244.433 ug/l

RT: 7.00 min Scan# 863

Delta R.T. -0.02 min

Lab File: VY002497.D

Acq: 28 Apr 2020 16:11

Instrument :

MSVOA_Y

ClientSampleId :

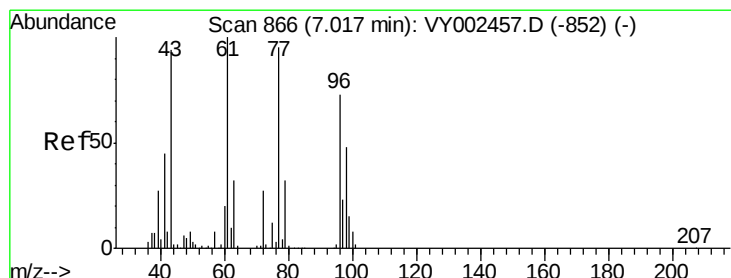
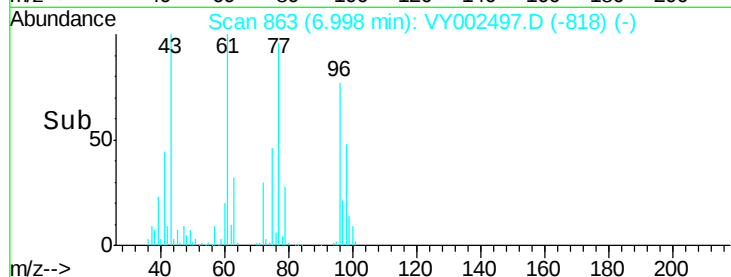
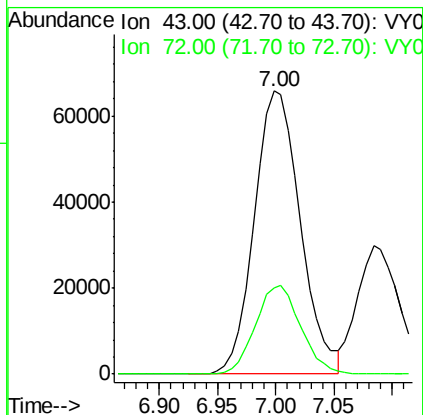
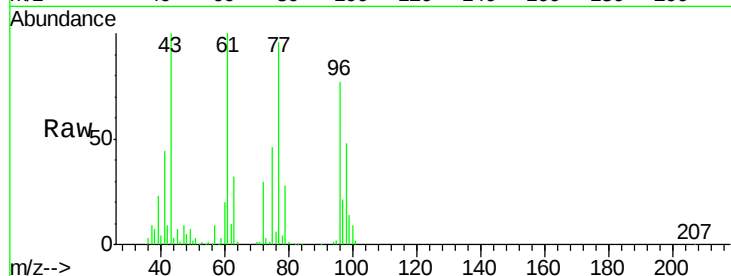
VSTDCCC050EC

Tot Ion: 43 Resp: 181126

Ion Ratio Lower Upper

43 100

72 30.6 24.8 37.2



#26

2,2-Dichloropropane

Concen: 49.862 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.02 min

Lab File: VY002497.D

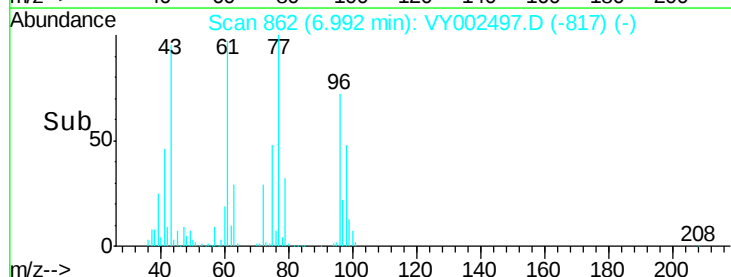
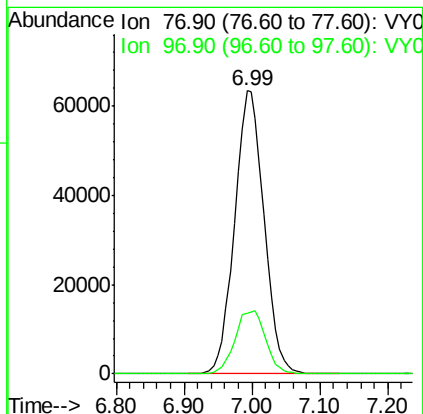
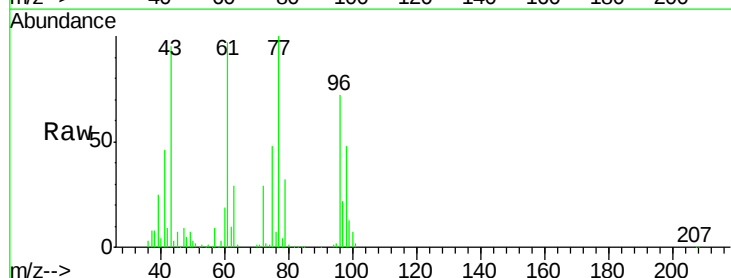
Acq: 28 Apr 2020 16:11

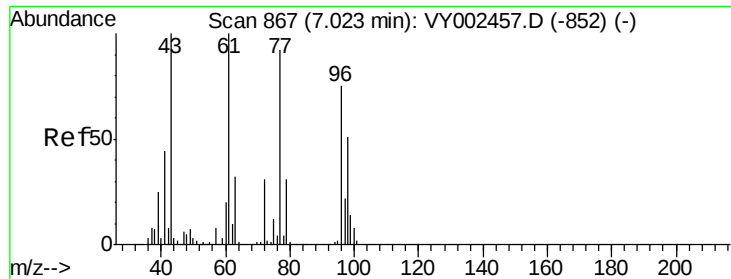
Tgt Ion: 77 Resp: 190160

Ion Ratio Lower Upper

77 100

97 23.2 12.0 36.0



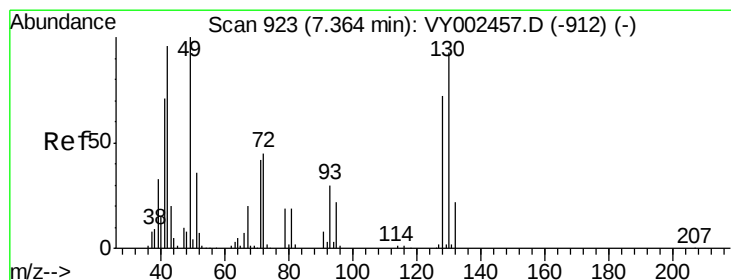
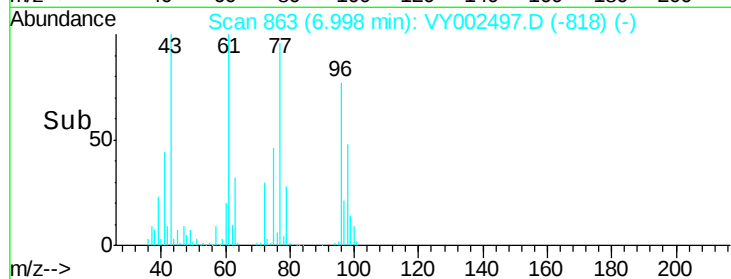
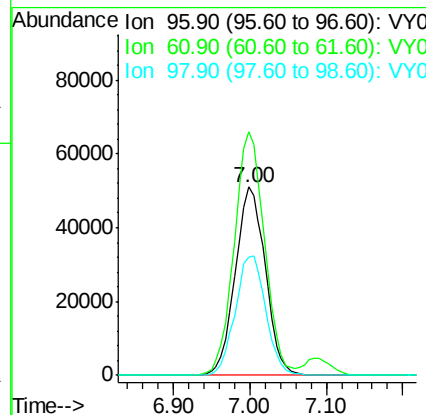
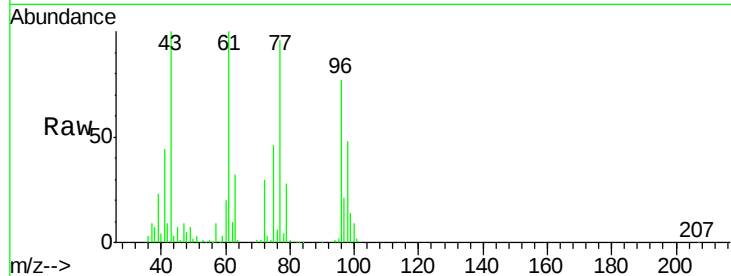


#27

cis-1,2-Dichloroethene
 Concen: 50.059 ug/l
 RT: 7.00 min Scan# 863
 Delta R.T. -0.02 min
 Lab File: VY002497.D
 Acq: 28 Apr 2020 16:11

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

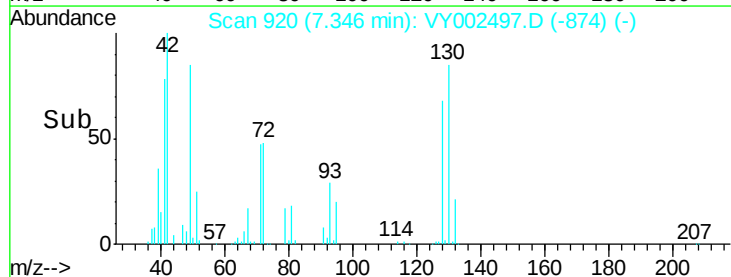
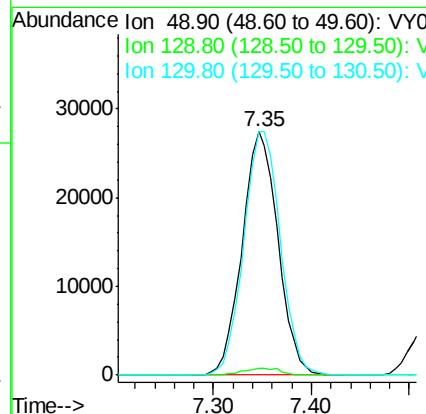
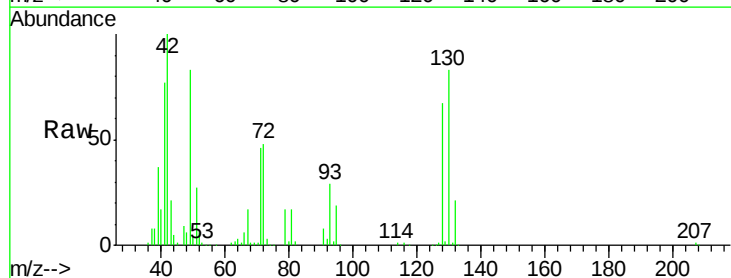
Tot Ion: 96 Resp: 138956
 Ion Ratio Lower Upper
 96 100
 61 130.2 0.0 262.6
 98 64.4 0.0 131.0

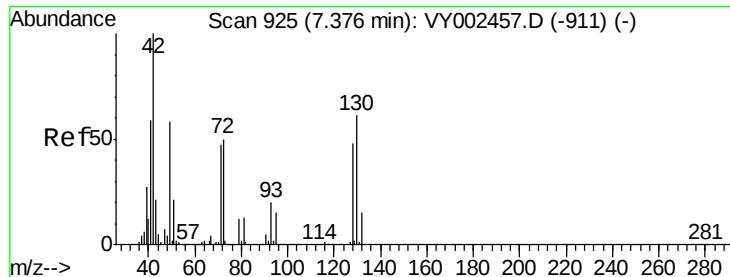


#28

Bromochloromethane
 Concen: 44.628 ug/l
 RT: 7.35 min Scan# 920
 Delta R.T. -0.02 min
 Lab File: VY002497.D
 Acq: 28 Apr 2020 16:11

Tgt Ion: 49 Resp: 69430
 Ion Ratio Lower Upper
 49 100
 129 3.0 0.0 5.6
 130 102.8 76.3 114.5

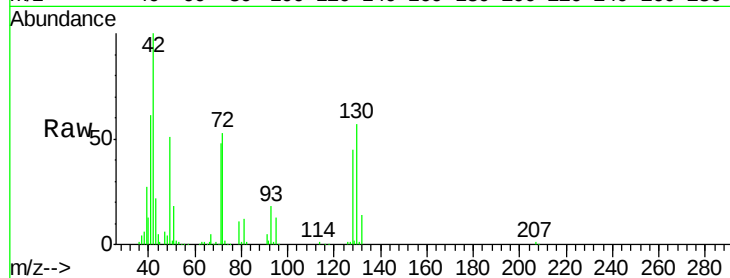




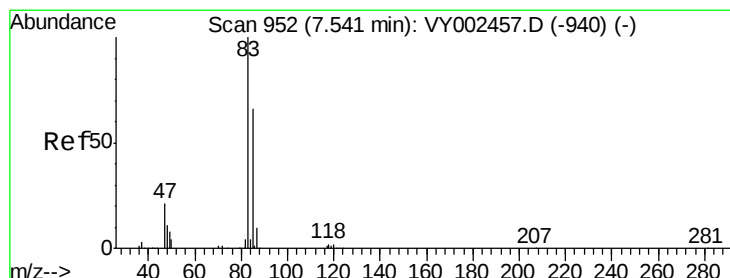
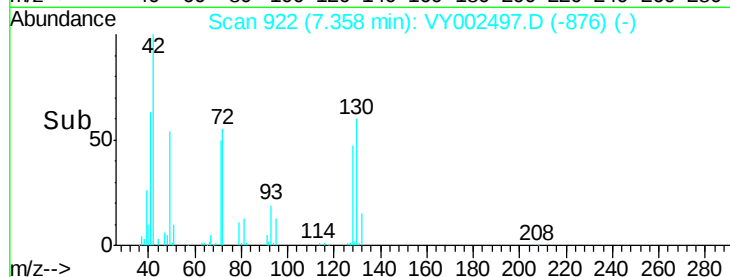
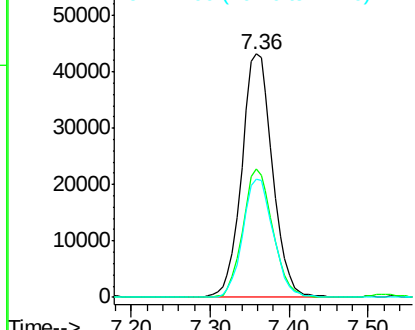
#29
Tetrahydrofuran
Concen: 238.732 ug/l
RT: 7.36 min Scan# 922
Delta R.T. -0.02 min
Lab File: VY002497.D
Acq: 28 Apr 2020 16:11

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	51.0	39.5	59.3
71	48.0	37.6	56.4

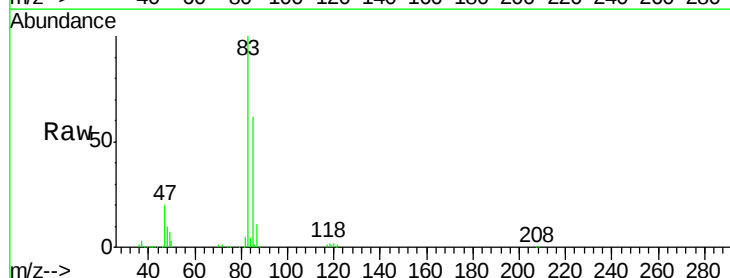


Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

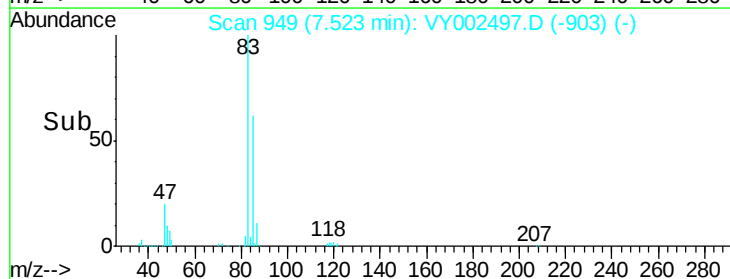
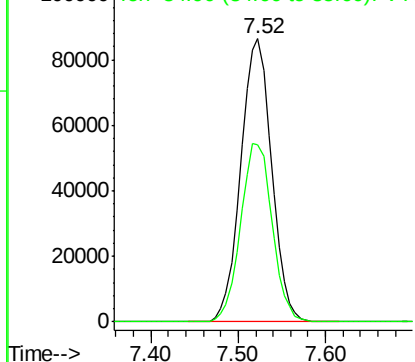


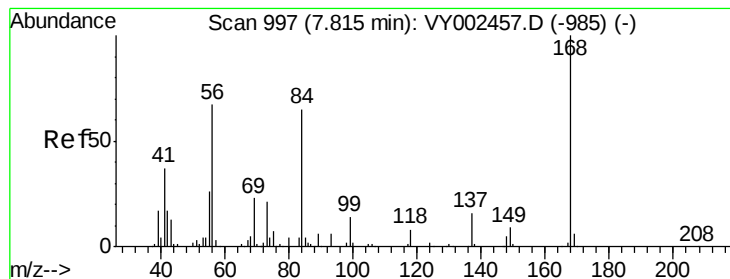
#30
Chloroform
Concen: 49.889 ug/l
RT: 7.52 min Scan# 949
Delta R.T. -0.02 min
Lab File: VY002497.D
Acq: 28 Apr 2020 16:11

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.4	52.4	78.6



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





#31

Cyclohexane

Concen: 42.842 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.02 min

Lab File: VY002497.D

Acq: 28 Apr 2020 16:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

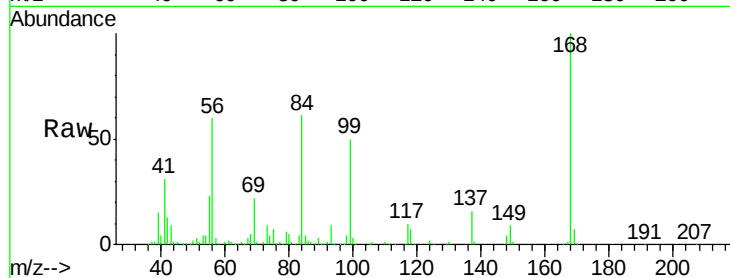
Tot Ion: 56 Resp: 170840

Ion Ratio Lower Upper

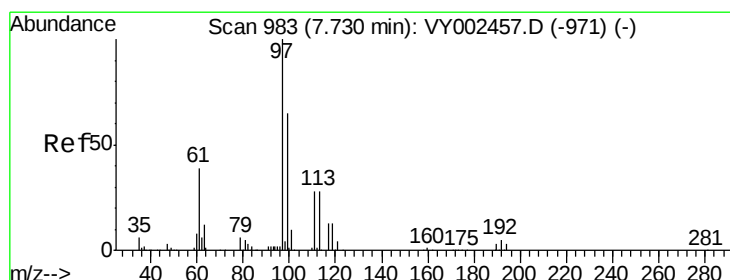
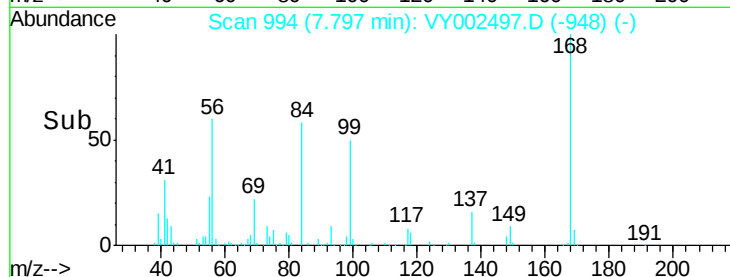
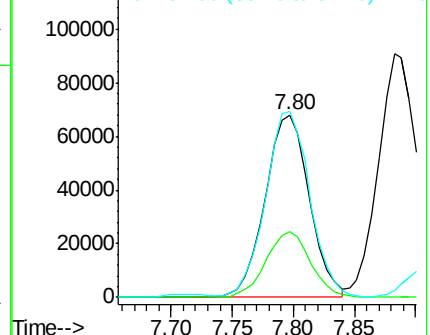
56 100

69 36.3 27.0 40.6

84 100.1 77.4 116.2



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: 50.347 ug/l

RT: 7.71 min Scan# 980

Delta R.T. -0.02 min

Lab File: VY002497.D

Acq: 28 Apr 2020 16:11

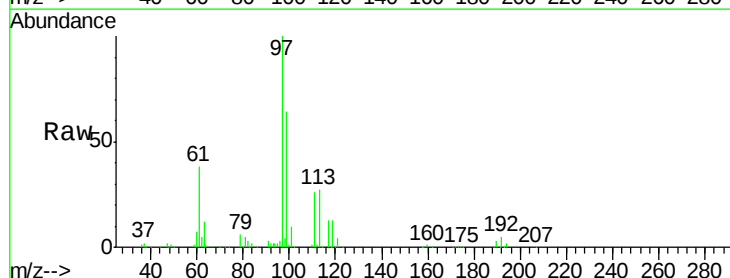
Tgt Ion: 97 Resp: 201995

Ion Ratio Lower Upper

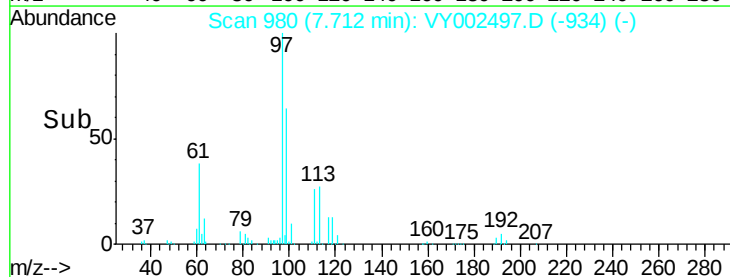
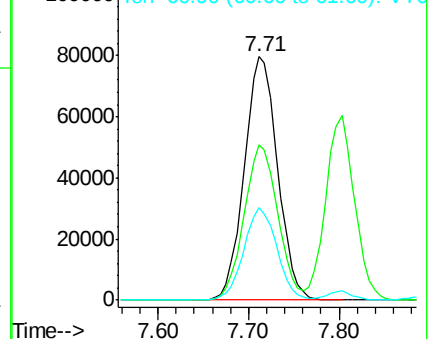
97 100

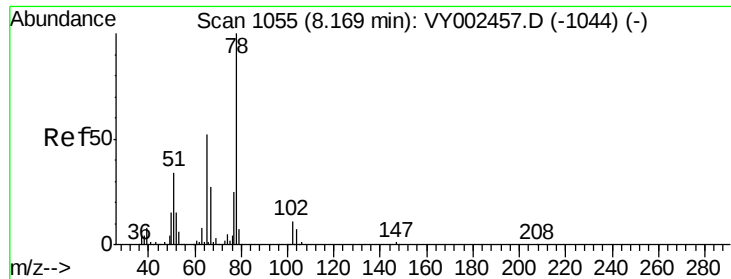
99 64.7 51.6 77.4

61 37.8 30.6 45.8



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: 47.498 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.02 min

Lab File: VY002497.D

Acq: 28 Apr 2020 16:11

Instrument :

MSVOA_Y

ClientSampleId :

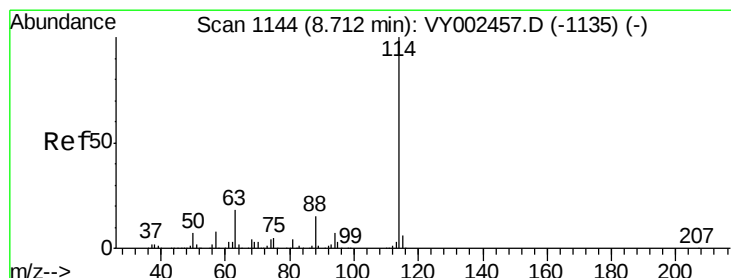
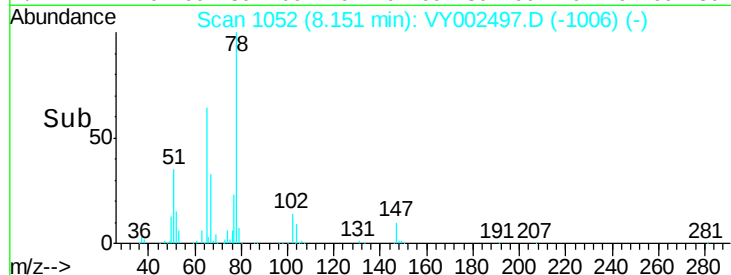
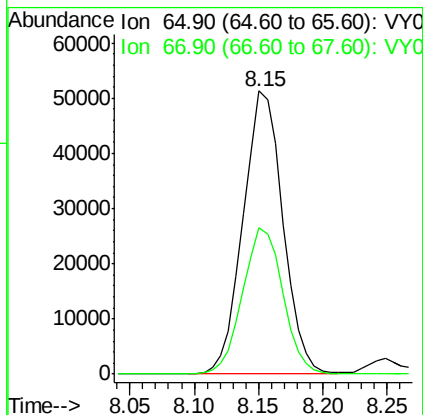
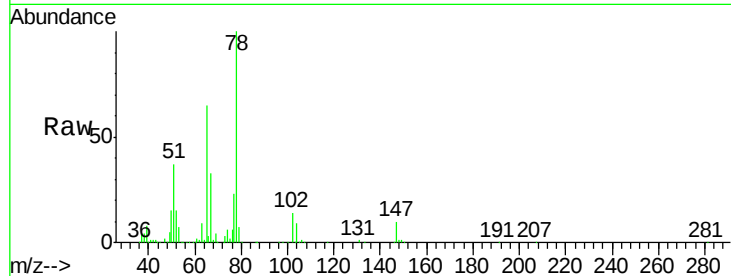
VSTDCCC050EC

Tot Ion: 65 Resp: 109931

Ion Ratio Lower Upper

65 100

67 52.3 0.0 104.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. -0.01 min

Lab File: VY002497.D

Acq: 28 Apr 2020 16:11

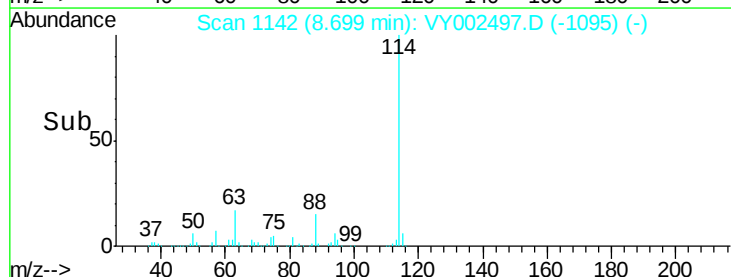
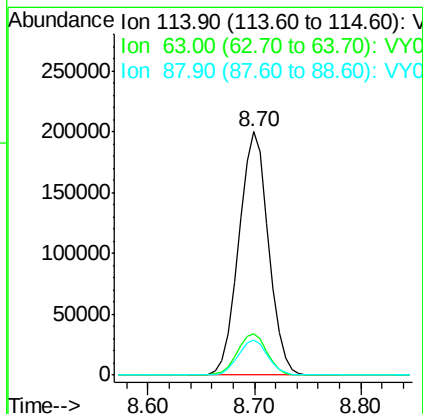
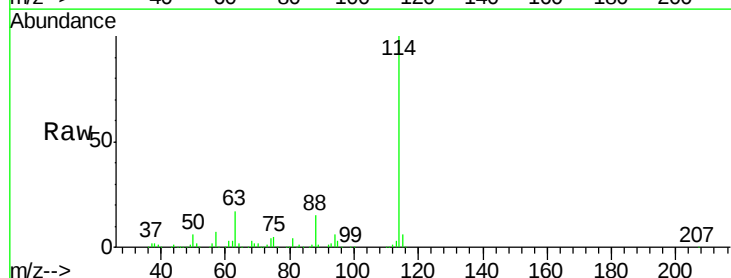
Tgt Ion: 114 Resp: 390620

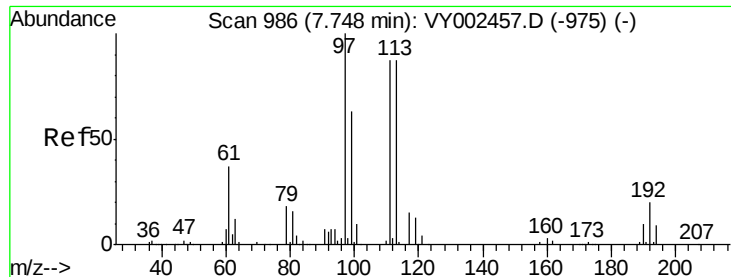
Ion Ratio Lower Upper

114 100

63 17.1 0.0 35.6

88 14.5 0.0 29.4

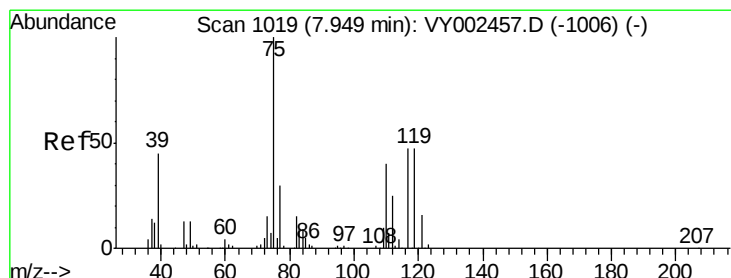
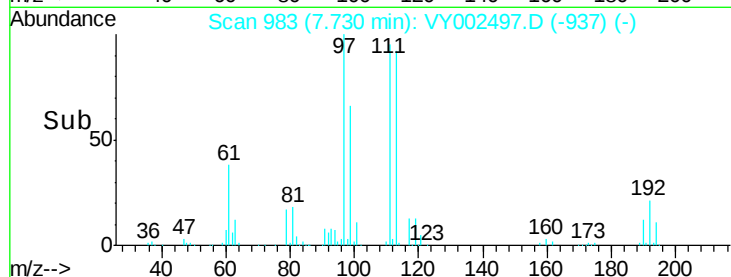
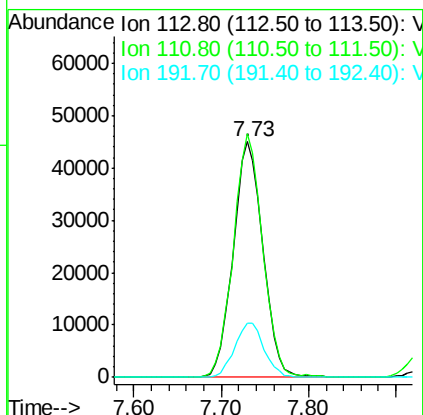
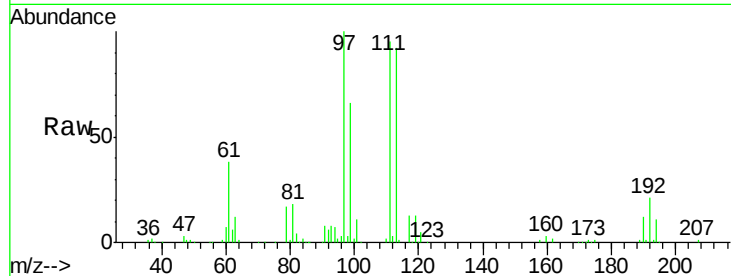




#35
 Dibromofluoromethane
 Concen: 48.156 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.02 min
 Lab File: VY002497.D
 Acq: 28 Apr 2020 16:11

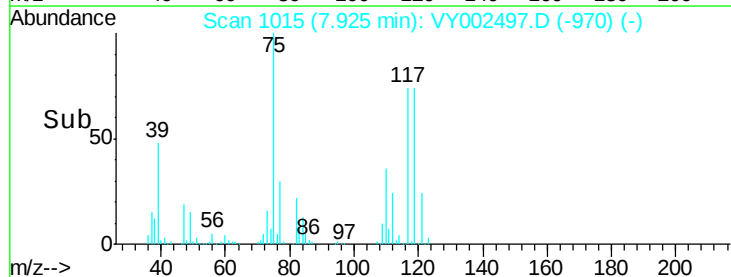
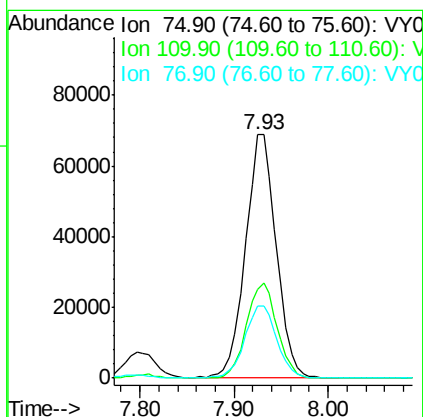
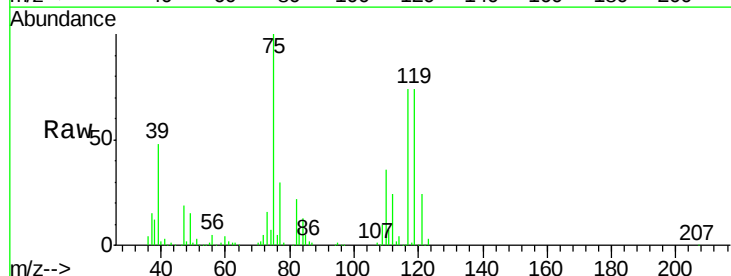
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

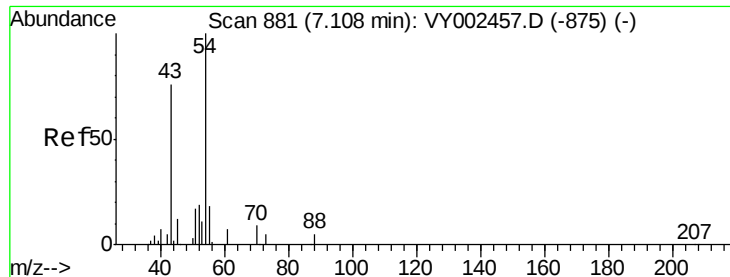
Tot Ion:113 Resp: 106102
 Ion Ratio Lower Upper
 113 100
 111 102.5 81.0 121.4
 192 23.0 18.6 27.8



#36
 1,1-Dichloropropene
 Concen: 47.182 ug/l
 RT: 7.93 min Scan# 1015
 Delta R.T. -0.02 min
 Lab File: VY002497.D
 Acq: 28 Apr 2020 16:11

Tgt Ion: 75 Resp: 158030
 Ion Ratio Lower Upper
 75 100
 110 38.8 19.4 58.4
 77 31.0 24.7 37.1

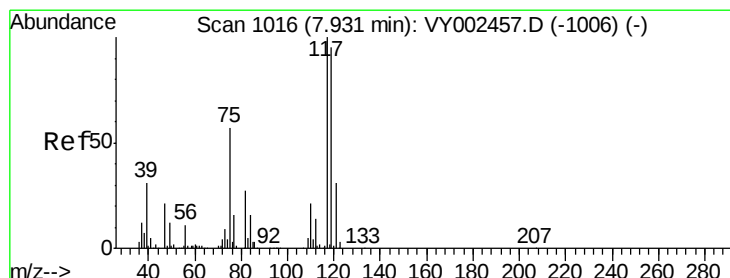
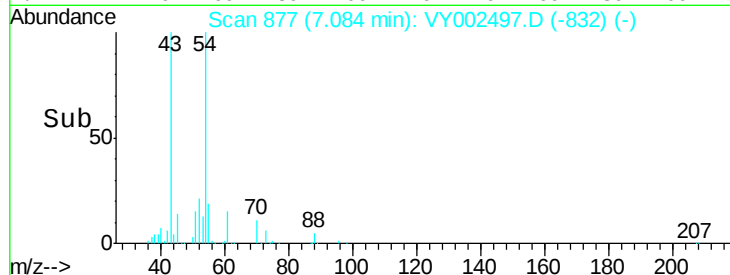
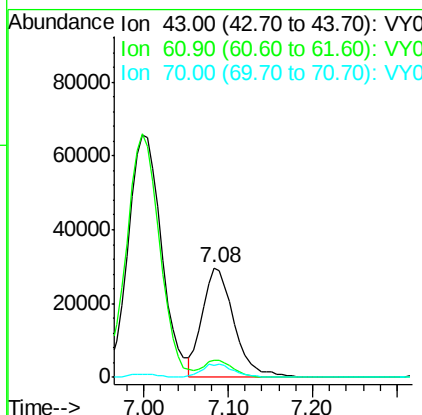
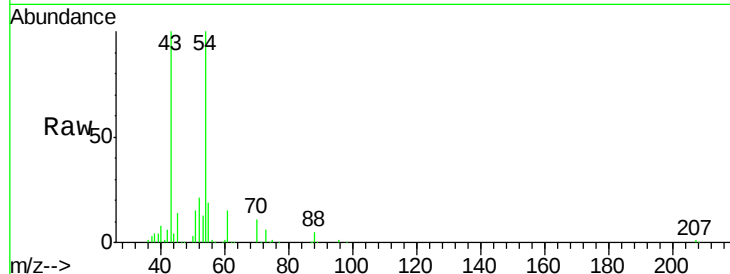




#37
Ethyl Acetate
Concen: 46.077 ug/l
RT: 7.08 min Scan# 877
Delta R.T. -0.02 min
Lab File: VY002497.D
Acq: 28 Apr 2020 16:11

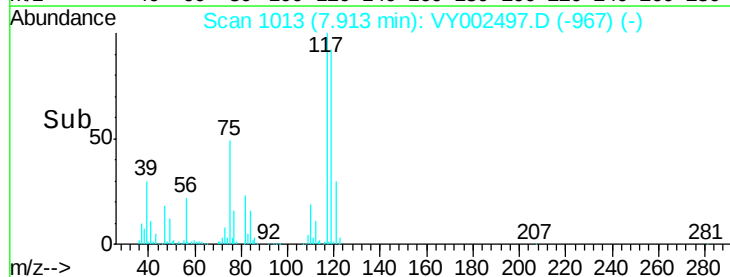
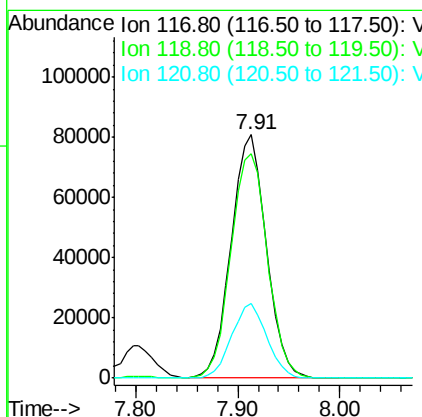
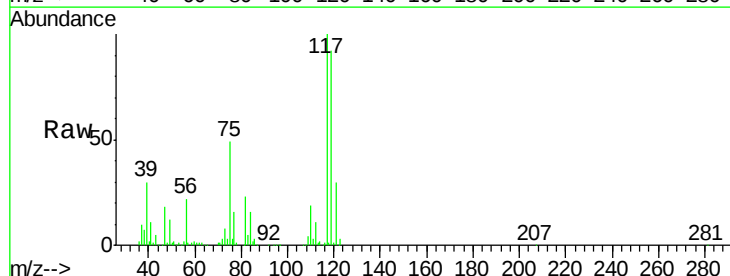
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

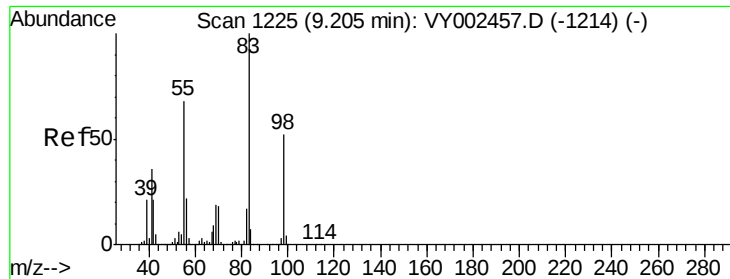
Tot Ion: 43 Resp: 77533
Ion Ratio Lower Upper
43 100
61 14.8 11.8 17.8
70 12.0 9.3 13.9



#38
Carbon Tetrachloride
Concen: 50.224 ug/l
RT: 7.91 min Scan# 1013
Delta R.T. -0.02 min
Lab File: VY002497.D
Acq: 28 Apr 2020 16:11

Tgt Ion: 117 Resp: 193443
Ion Ratio Lower Upper
117 100
119 92.0 75.9 113.9
121 30.5 24.5 36.7

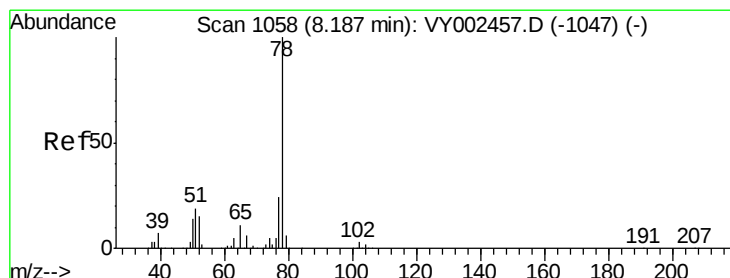
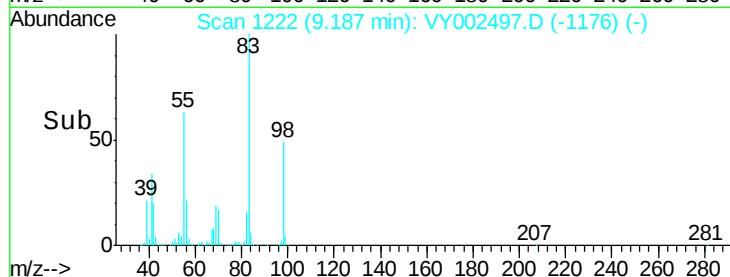
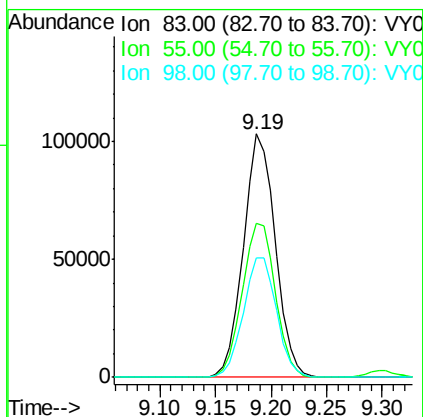
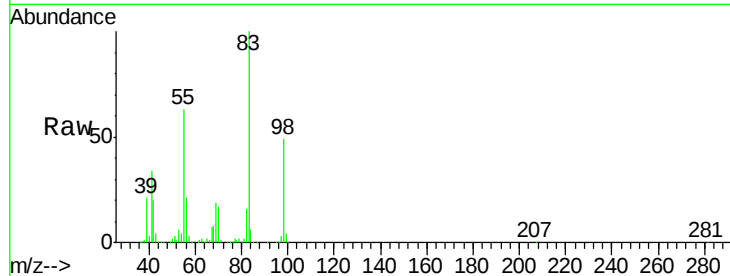




#39
Methvlcvclohexane
Concen: 47.084 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.02 min
Lab File: VY002497.D
Acq: 28 Apr 2020 16:11

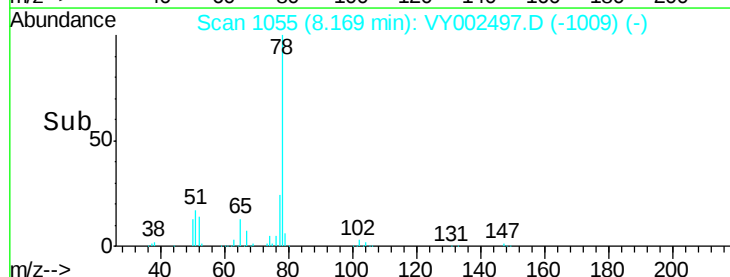
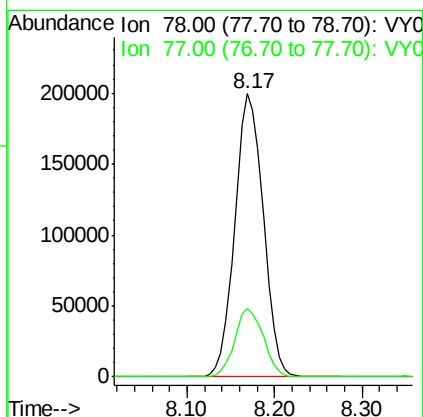
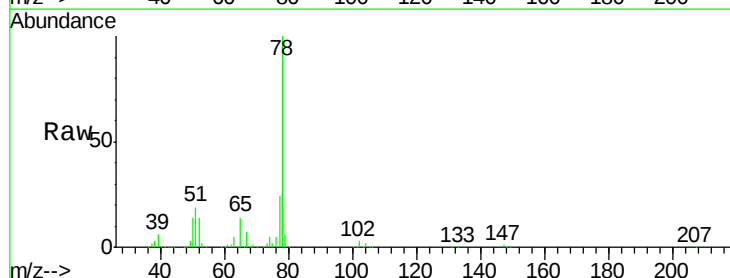
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

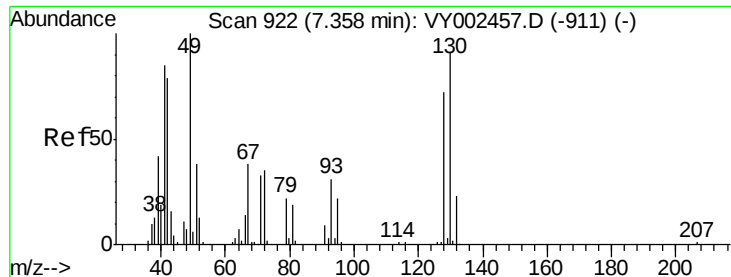
Tot Ion: 83 Resp: 205723
Ion Ratio Lower Upper
83 100
55 63.3 54.2 81.2
98 49.3 41.9 62.9



#40
Benzene
Concen: 46.603 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.02 min
Lab File: VY002497.D
Acq: 28 Apr 2020 16:11

Tgt Ion: 78 Resp: 451157
Ion Ratio Lower Upper
78 100
77 24.2 19.4 29.0





#41

Methacrylonitrile

Concen: 48.835 ug/l m

RT: 7.34 min Scan# 919

Delta R.T. -0.02 min

Lab File: VY002497.D

Acq: 28 Apr 2020 16:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 50627

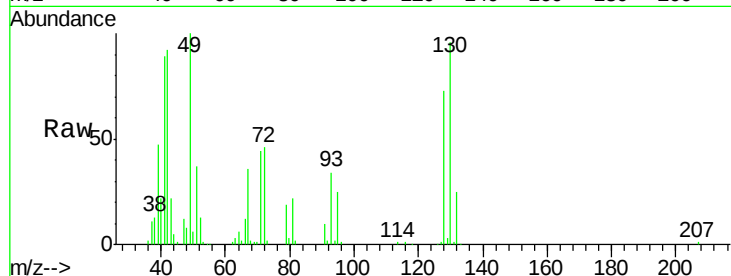
Ion Ratio Lower Upper

41 100

39 105.4 85.7 128.5

67 0.0 0.0 0.0

52 0.0 0.0 0.0

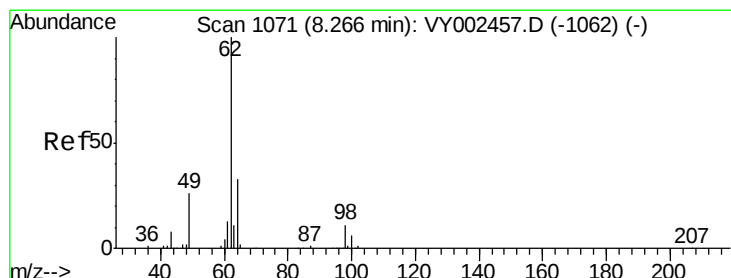
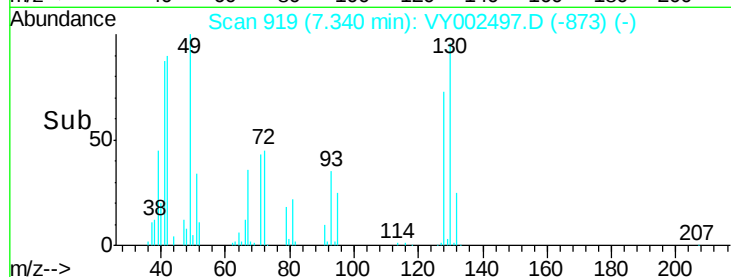
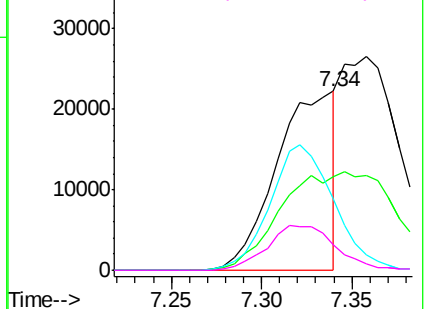


Abundance Ion 41.00 (40.70 to 41.70): VY0

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: 49.733 ug/l

RT: 8.25 min Scan# 1068

Delta R.T. -0.02 min

Lab File: VY002497.D

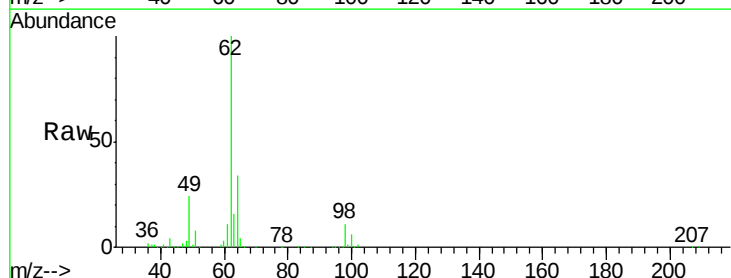
Acq: 28 Apr 2020 16:11

Tgt Ion: 62 Resp: 139859

Ion Ratio Lower Upper

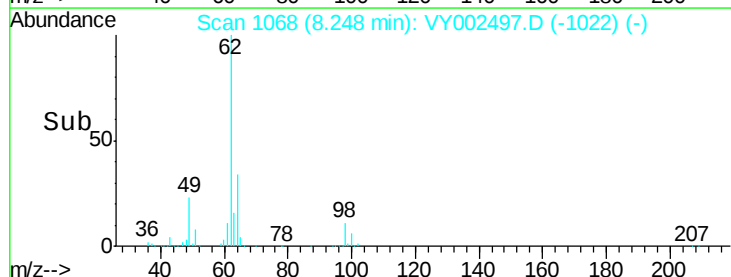
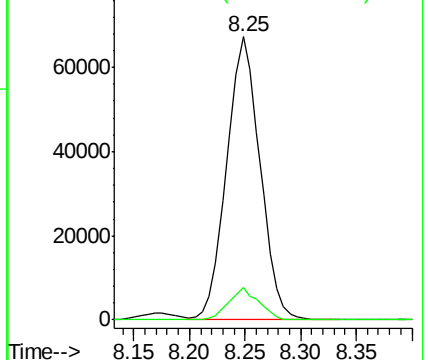
62 100

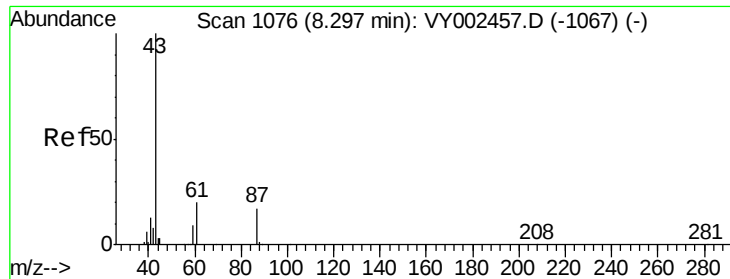
98 10.3 0.0 20.6



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 97.90 (97.60 to 98.60): VY0



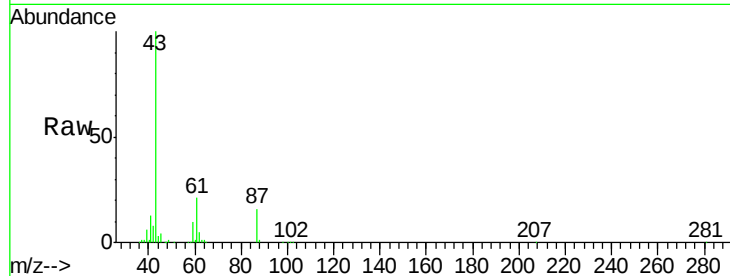


#43

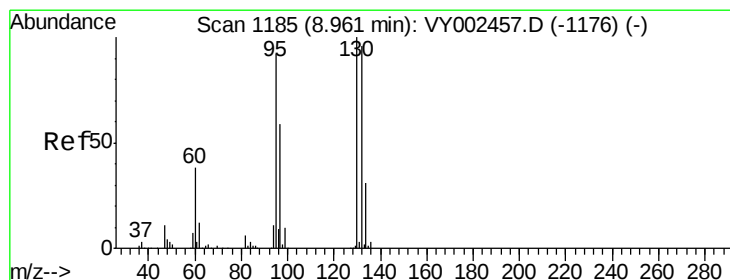
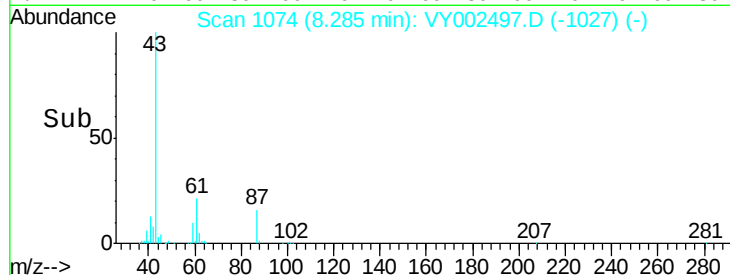
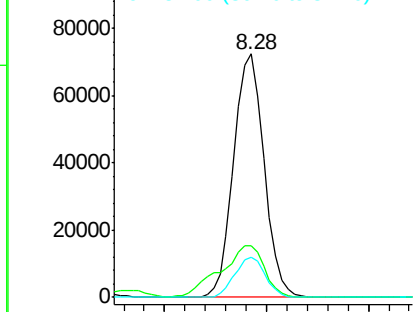
Isopropyl Acetate
 Concen: 47.701 ug/l
 RT: 8.28 min Scan# 1074
 Delta R.T. -0.01 min
 Lab File: VY002497.D
 Acq: 28 Apr 2020 16:11

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	43	Resp	150123
Ion Ratio	Lower	Upper	
43	100		
61	30.9	25.0	37.4
87	16.4	13.0	19.4



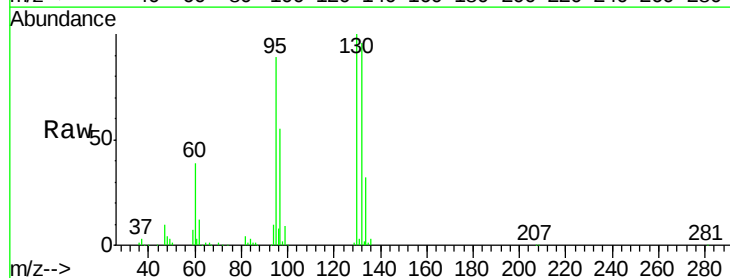
Abundance Ion 43.00 (42.70 to 43.70): VY0
 Ion 61.00 (60.70 to 61.70): VY0
 Ion 87.00 (86.70 to 87.70): VY0



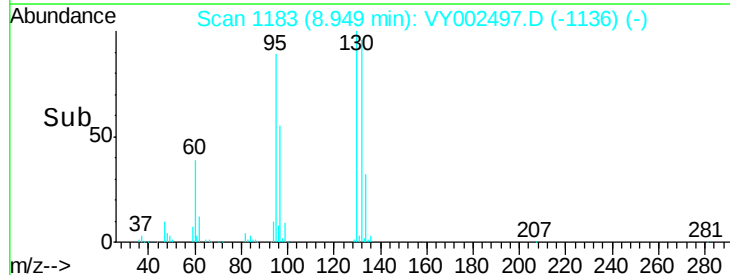
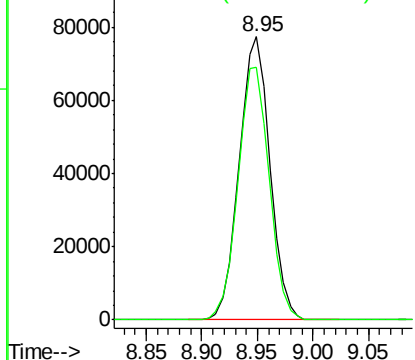
#44

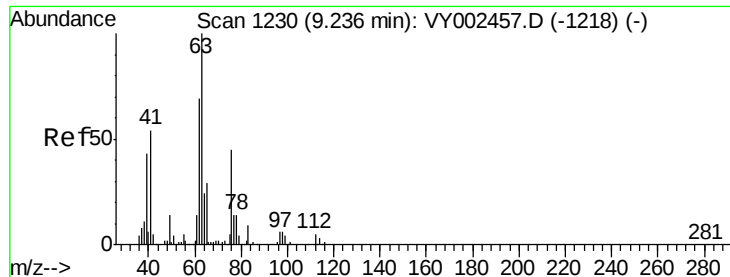
Trichloroethene
 Concen: 48.910 ug/l
 RT: 8.95 min Scan# 1183
 Delta R.T. -0.01 min
 Lab File: VY002497.D
 Acq: 28 Apr 2020 16:11

Tgt Ion	130	Resp	148052
Ion Ratio	Lower	Upper	
130	100		
95	89.4	0.0	184.2



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

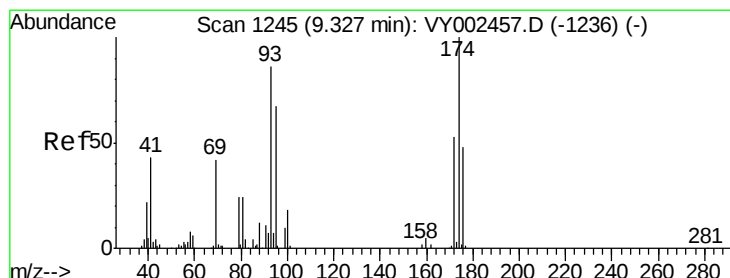
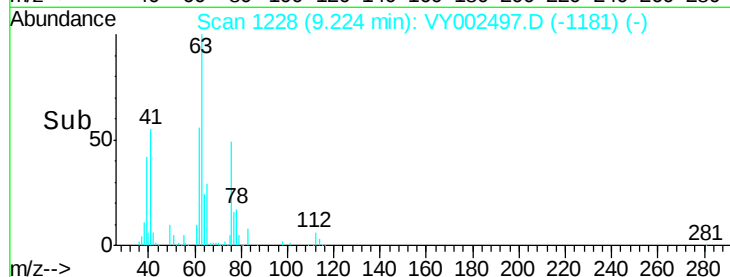
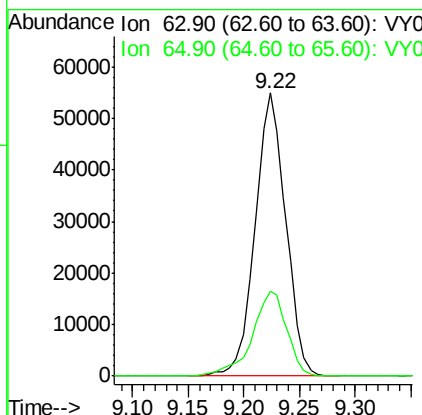
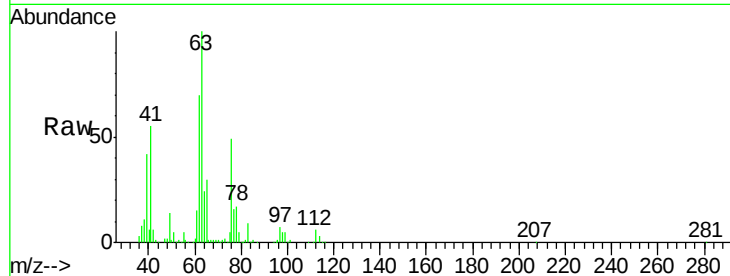




#45
 1,2-Dichloropropane
 Concen: 47.217 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: VY002497.D
 Acq: 28 Apr 2020 16:11

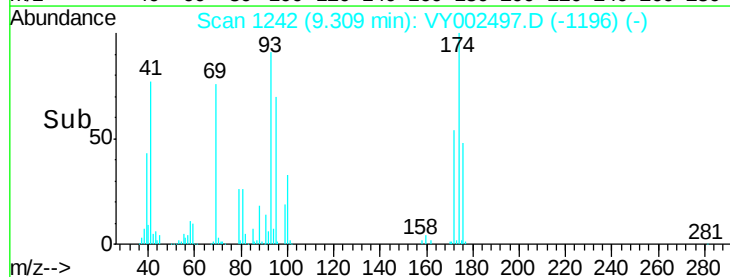
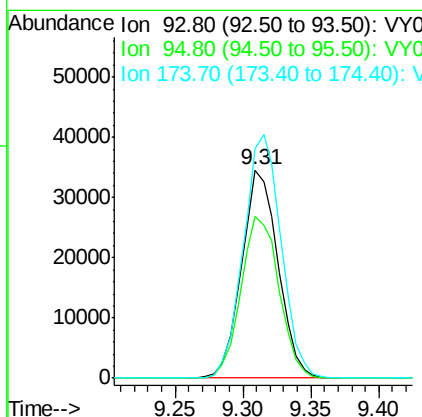
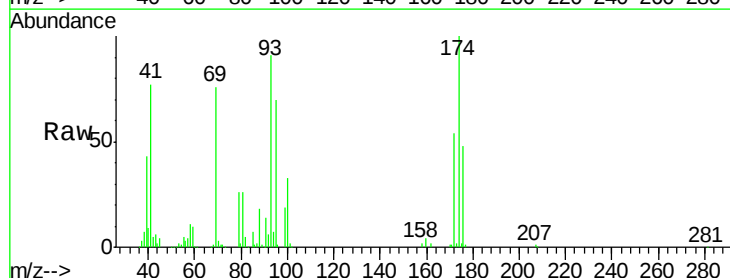
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

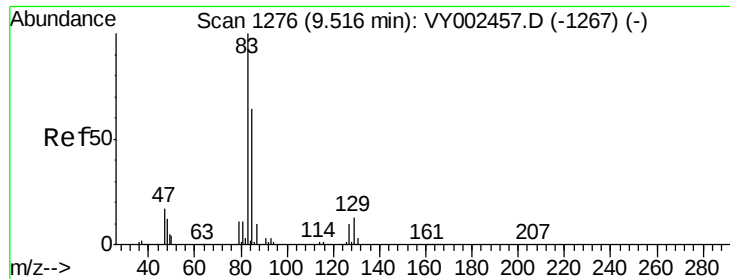
Tot Ion: 63 Resp: 105348
 Ion Ratio Lower Upper
 63 100
 65 30.1 23.4 35.0



#46
 Dibromomethane
 Concen: 49.614 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.02 min
 Lab File: VY002497.D
 Acq: 28 Apr 2020 16:11

Tgt Ion: 93 Resp: 64765
 Ion Ratio Lower Upper
 93 100
 95 81.1 65.4 98.0
 174 121.2 94.8 142.2





#47

Bromodichloromethane

Concen: 50.106 ug/l

RT: 9.50 min Scan# 1274

Delta R.T. -0.01 min

Lab File: VY002497.D

Acq: 28 Apr 2020 16:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

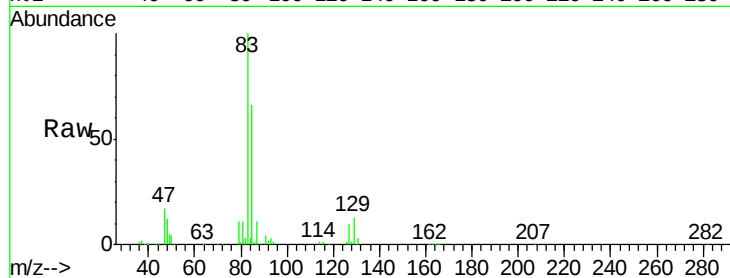
Tot Ion: 83 Resp: 163569

Ion Ratio Lower Upper

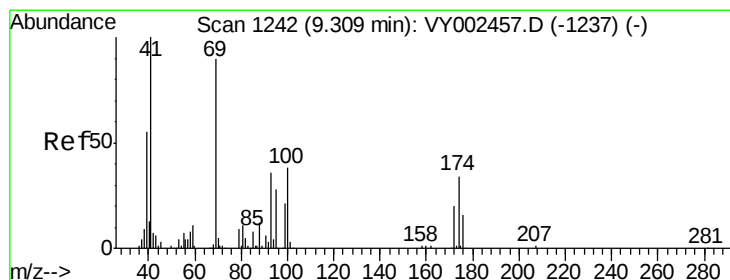
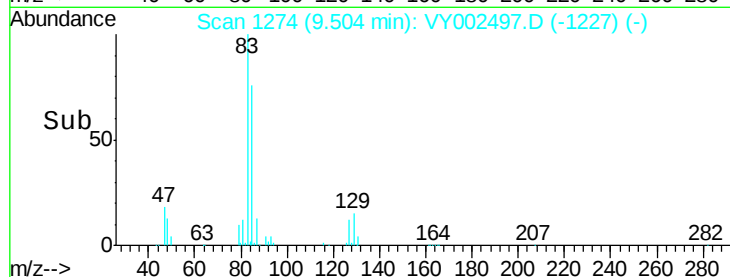
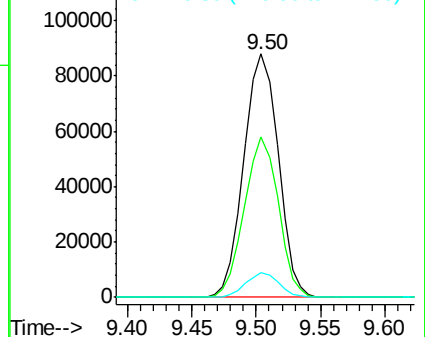
83 100

85 66.1 51.2 76.8

127 10.3 7.7 11.5



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



#48

Methyl methacrylate

Concen: 48.099 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. -0.01 min

Lab File: VY002497.D

Acq: 28 Apr 2020 16:11

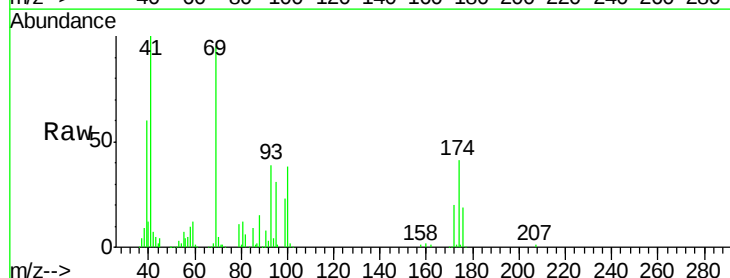
Tgt Ion: 41 Resp: 69104

Ion Ratio Lower Upper

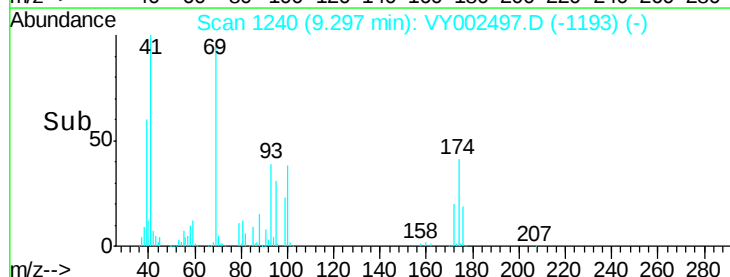
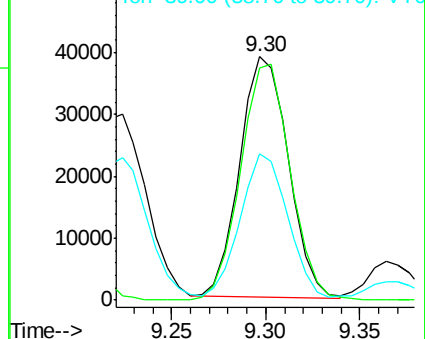
41 100

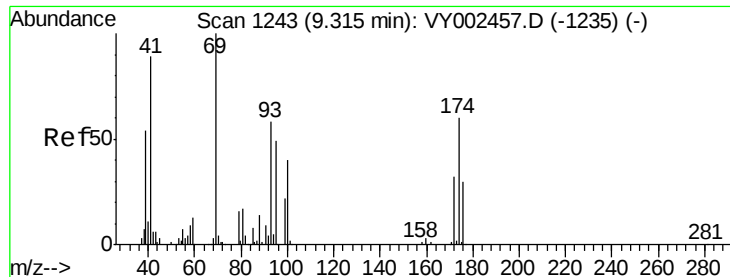
69 101.1 77.9 116.9

39 60.5 47.9 71.9



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

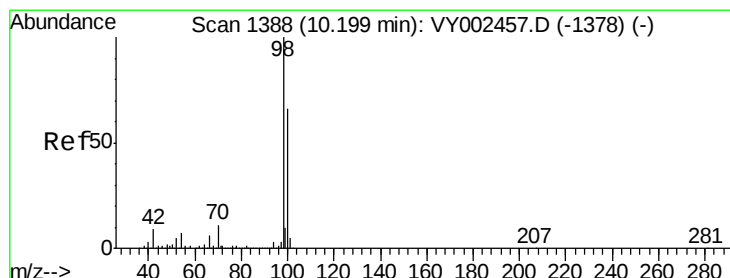
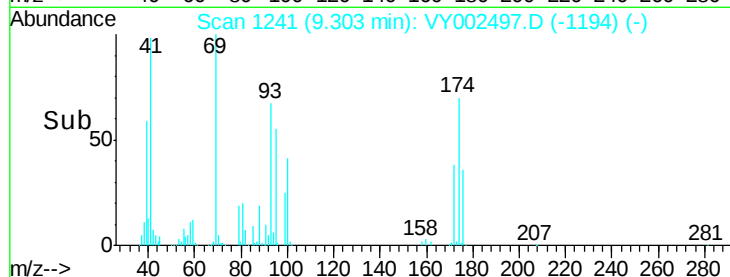
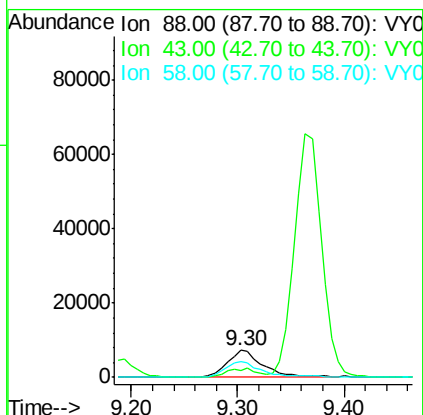
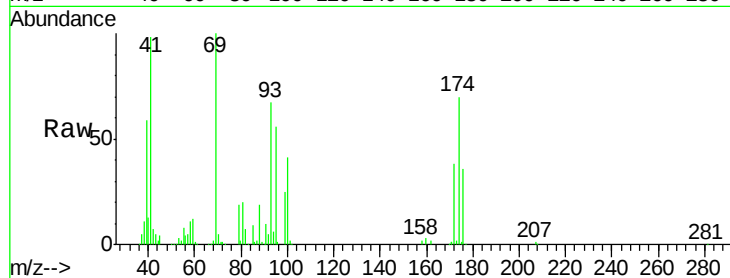




#49
1,4-Dioxane
Concen: 1026.337 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. -0.01 min
Lab File: VY002497.D
Acq: 28 Apr 2020 16:11

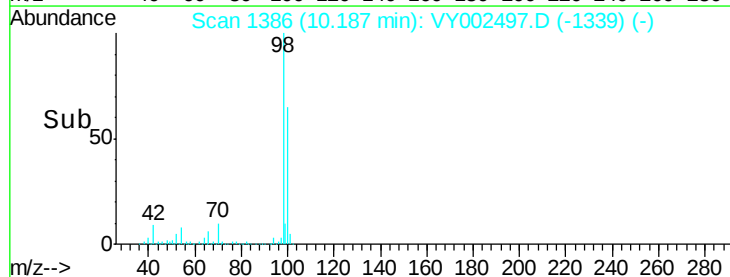
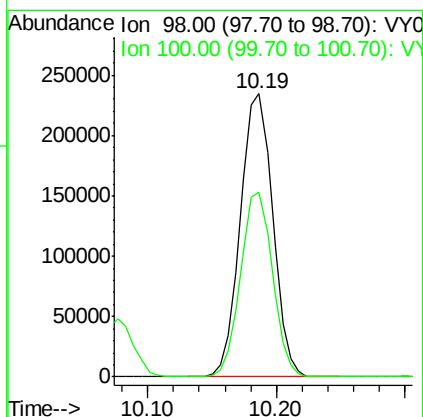
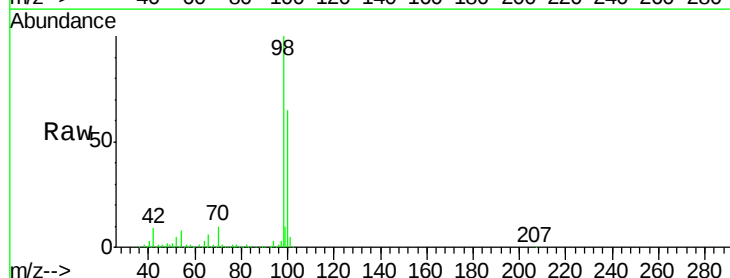
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

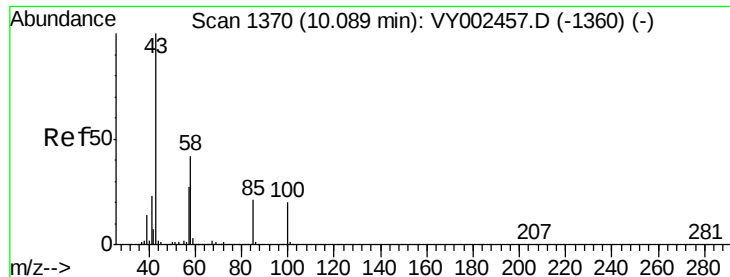
Tot Ion: 88 Resp: 17074
Ion Ratio Lower Upper
88 100
43 26.7 22.9 34.3
58 57.7 49.5 74.3



#50
Toluene-d8
Concen: 46.142 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. -0.01 min
Lab File: VY002497.D
Acq: 28 Apr 2020 16:11

Tgt Ion: 98 Resp: 408614
Ion Ratio Lower Upper
98 100
100 64.4 51.1 76.7

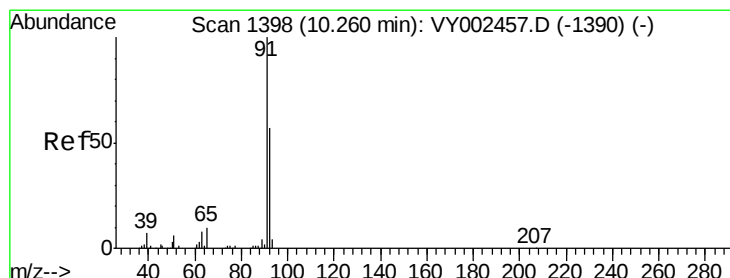
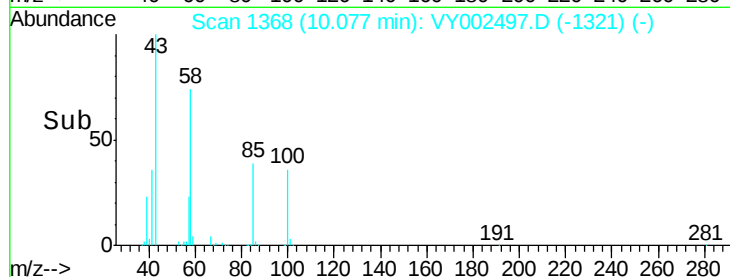
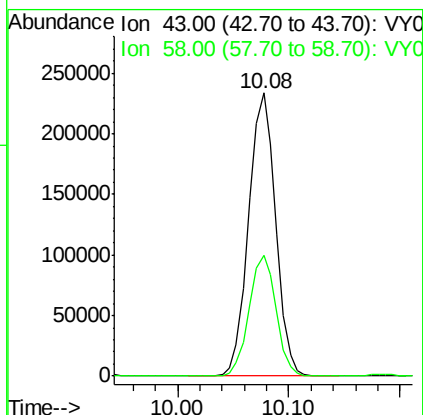
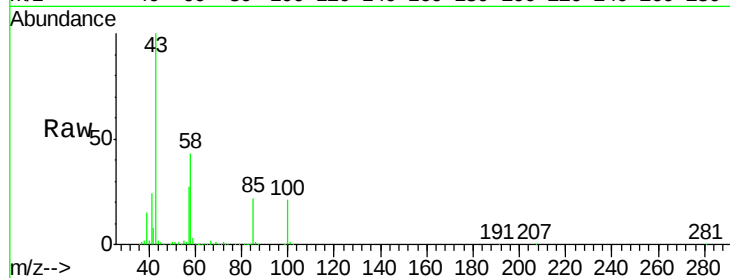




#51
 4-Methyl-2-Pentanone
 Concen: 241.988 ug/l
 RT: 10.08 min Scan# 1368
 Delta R.T. -0.01 min
 Lab File: VY002497.D
 Acq: 28 Apr 2020 16:11

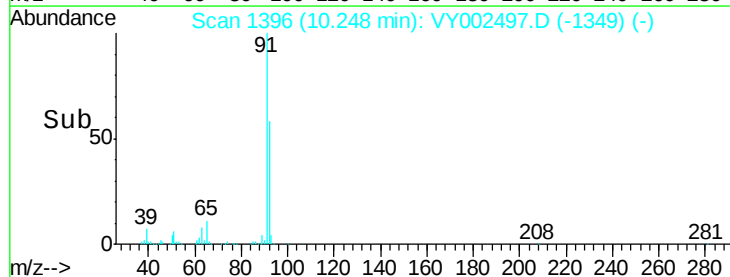
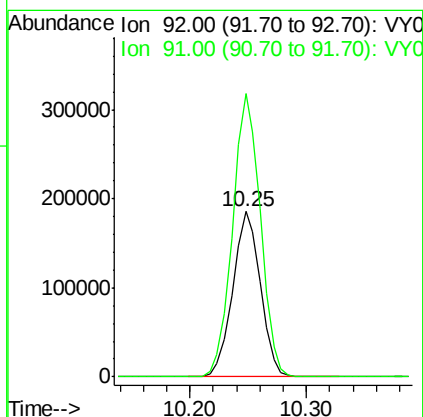
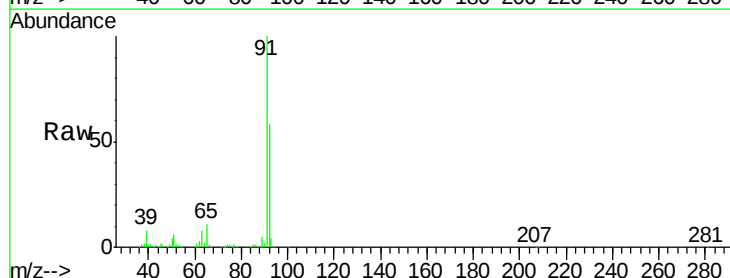
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

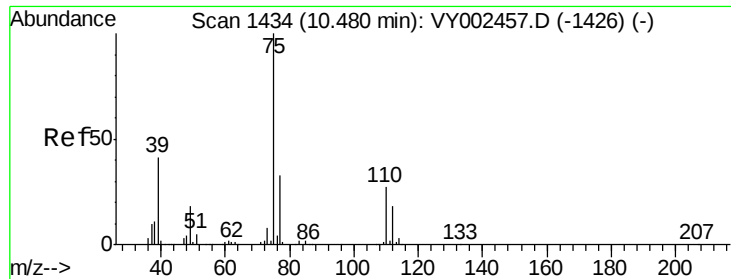
Tot Ion: 43 Resp: 395574
 Ion Ratio Lower Upper
 43 100
 58 42.5 33.2 49.8



#52
 Toluene
 Concen: 49.048 ug/l
 RT: 10.25 min Scan# 1396
 Delta R.T. -0.01 min
 Lab File: VY002497.D
 Acq: 28 Apr 2020 16:11

Tgt Ion: 92 Resp: 305649
 Ion Ratio Lower Upper
 92 100
 91 172.7 140.2 210.2





#53

t-1,3-Dichloropropene

Concen: 50.179 ug/l

RT: 10.47 min Scan# 1433

Delta R.T. -0.01 min

Lab File: VY002497.D

Acq: 28 Apr 2020 16:11

Instrument :

MSVOA_Y

ClientSampleId :

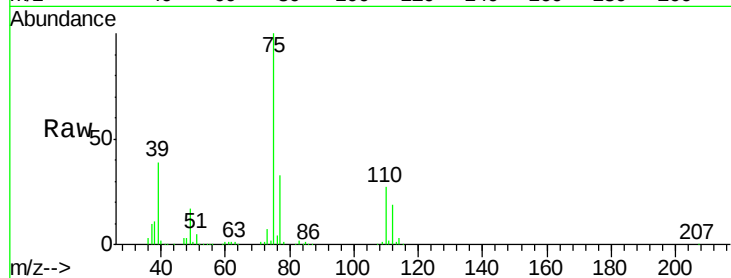
VSTDCCC050EC

Tot Ion: 75 Resp: 172026

Ion Ratio Lower Upper

75 100

77 32.6 26.4 39.6



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

10.47

120000

100000

80000

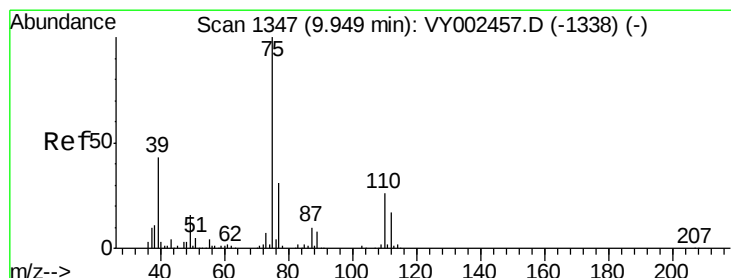
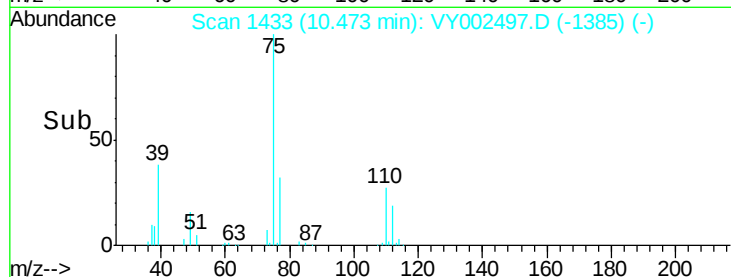
60000

40000

20000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 49.371 ug/l

RT: 9.94 min Scan# 1345

Delta R.T. -0.01 min

Lab File: VY002497.D

Acq: 28 Apr 2020 16:11

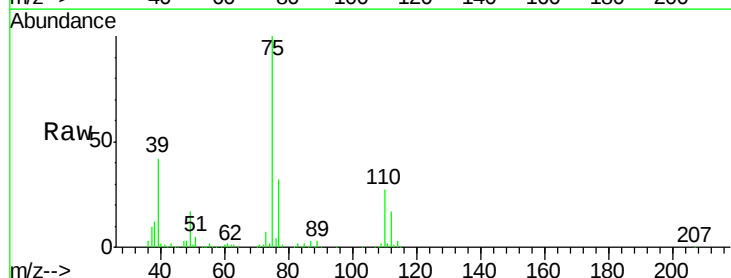
Tgt Ion: 75 Resp: 193727

Ion Ratio Lower Upper

75 100

77 31.9 25.2 37.8

39 41.5 34.2 51.2



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0

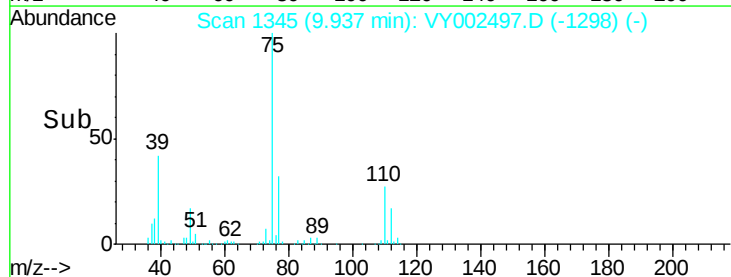
150000

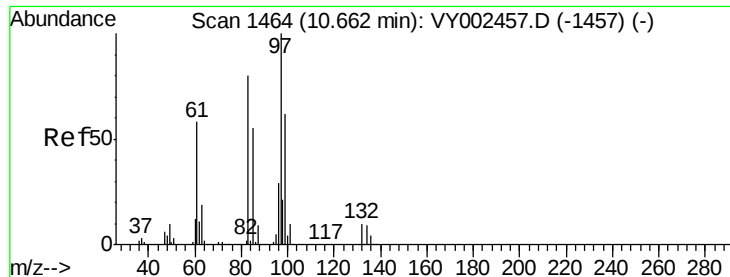
100000

50000

0

Time-->

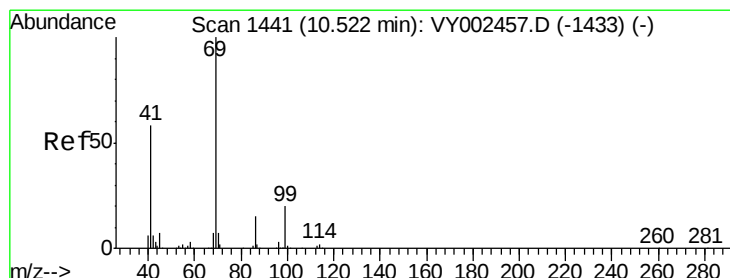
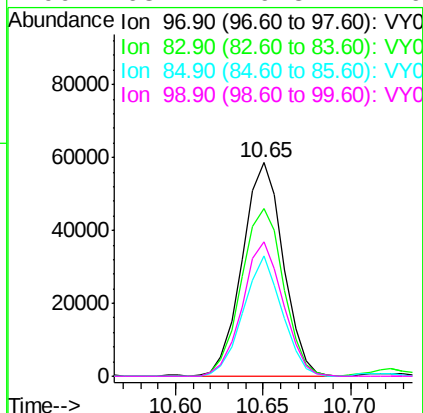
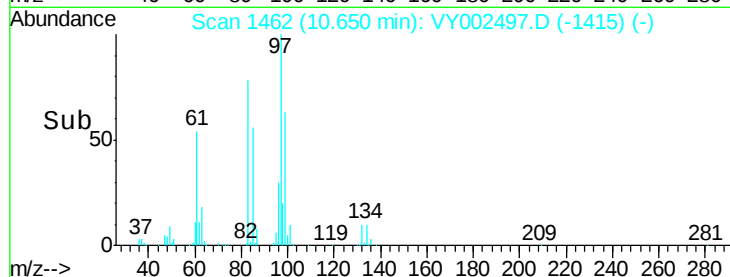
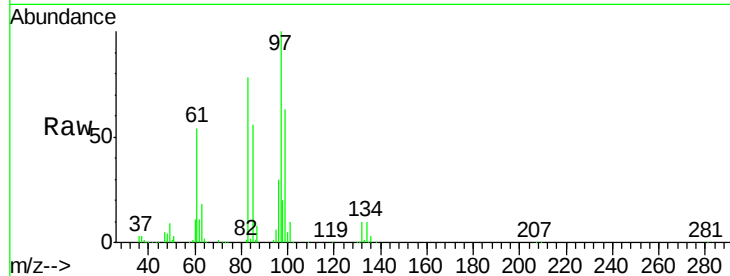




#55
 1,1,2-Trichloroethane
 Concen: 49.239 ug/l
 RT: 10.65 min Scan# 1462
 Delta R.T. -0.01 min
 Lab File: VY002497.D
 Acq: 28 Apr 2020 16:11

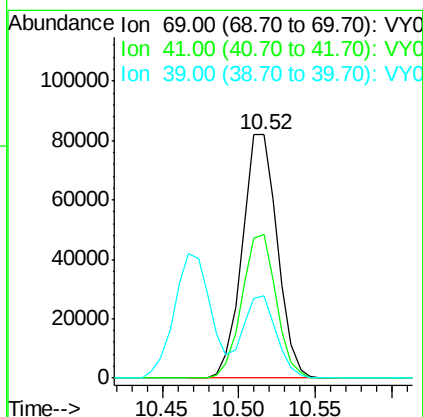
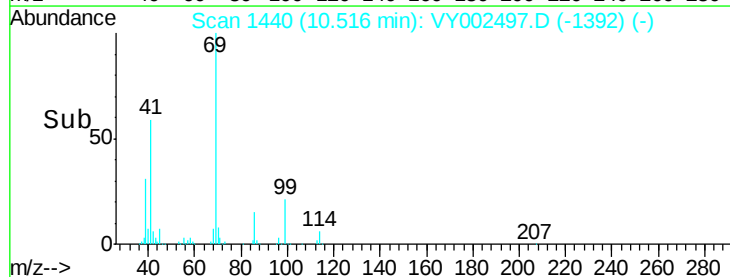
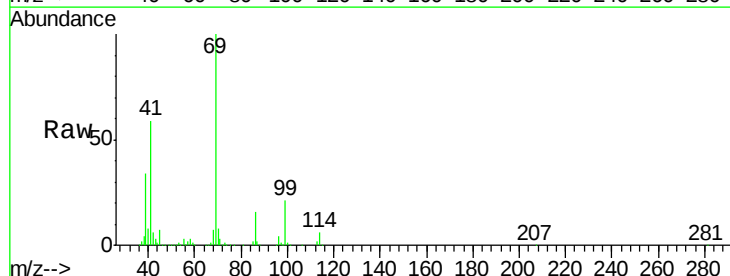
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

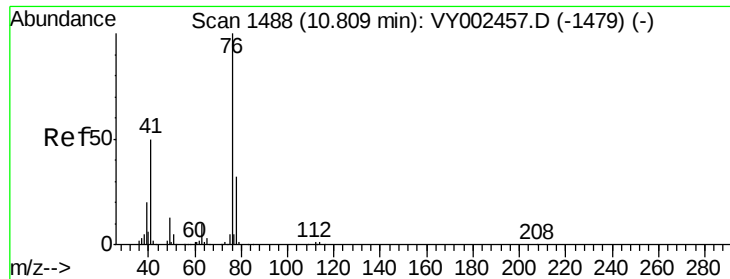
Tot Ion:	97	Resp:	95034
Ion	Ratio	Lower	Upper
97	100		
83	78.3	63.8	95.8
85	56.2	43.9	65.9
99	63.1	49.8	74.6



#56
 Ethyl methacrylate
 Concen: 49.470 ug/l
 RT: 10.52 min Scan# 1440
 Delta R.T. -0.01 min
 Lab File: VY002497.D
 Acq: 28 Apr 2020 16:11

Tgt Ion:	69	Resp:	130463
Ion	Ratio	Lower	Upper
69	100		
41	57.1	47.5	71.3
39	32.6	25.7	38.5





#57

1,3-Dichloropropane

Concen: 49.072 ug/l

RT: 10.80 min Scan# 1486

Delta R.T. -0.01 min

Lab File: VY002497.D

Acq: 28 Apr 2020 16:11

Instrument :

MSVOA_Y

ClientSampleId :

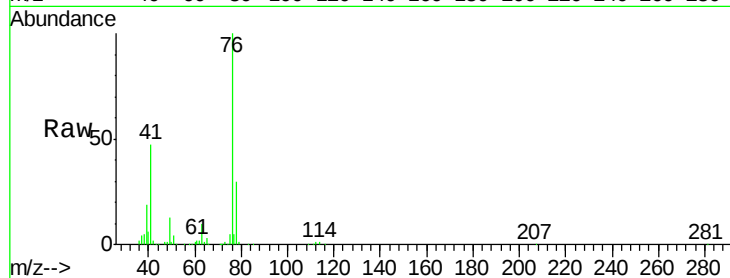
VSTDCCC050EC

Tot Ion: 76 Resp: 159902

Ion Ratio Lower Upper

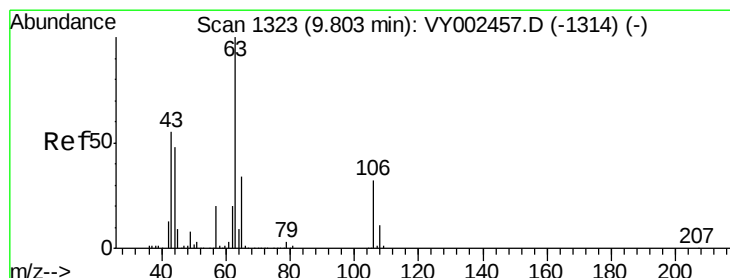
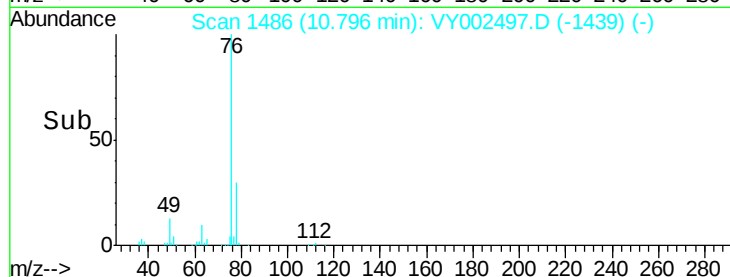
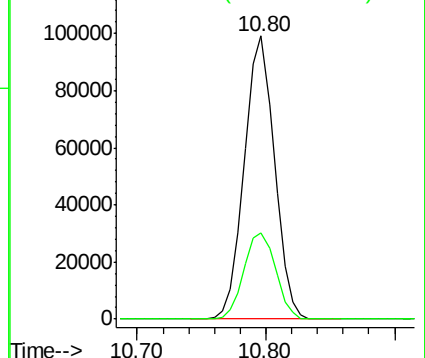
76 100

78 32.0 26.2 39.4



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: 221.696 ug/l

RT: 9.79 min Scan# 1321

Delta R.T. -0.01 min

Lab File: VY002497.D

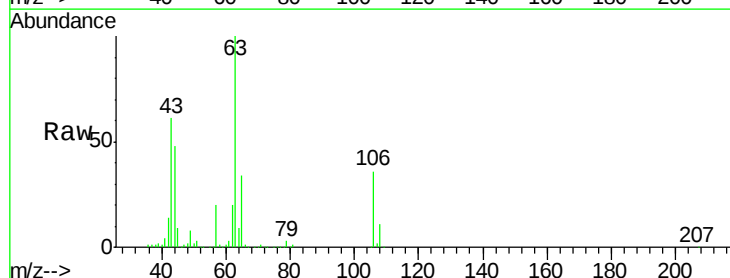
Acq: 28 Apr 2020 16:11

Tgt Ion: 63 Resp: 282731

Ion Ratio Lower Upper

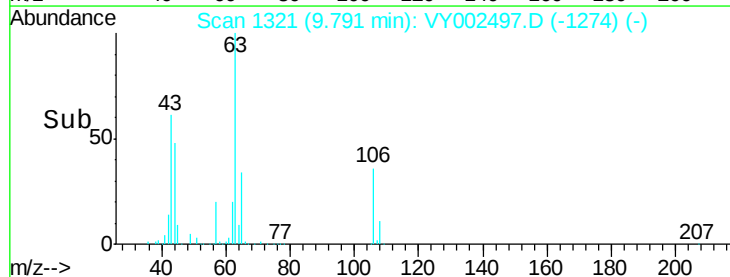
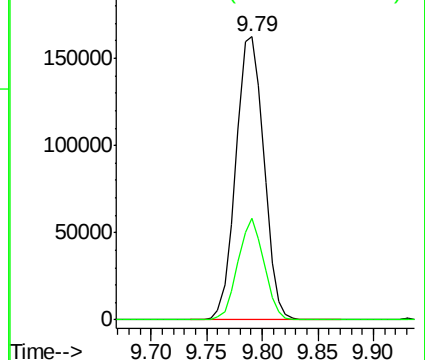
63 100

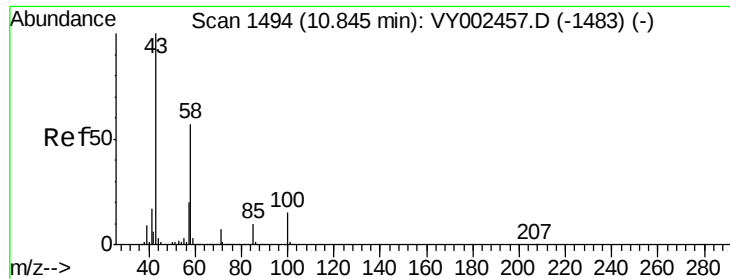
106 33.4 26.0 39.0



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

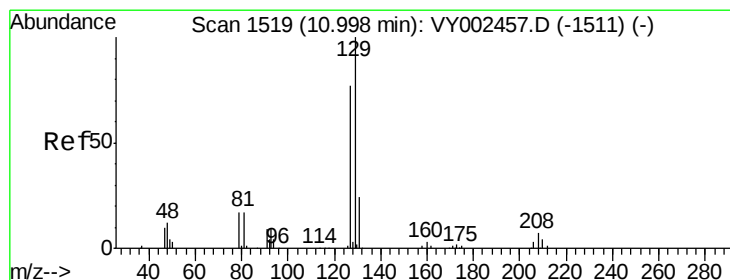
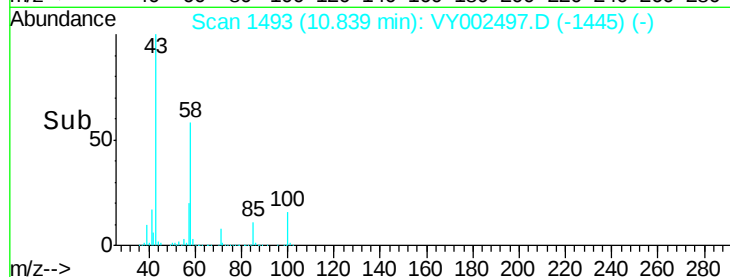
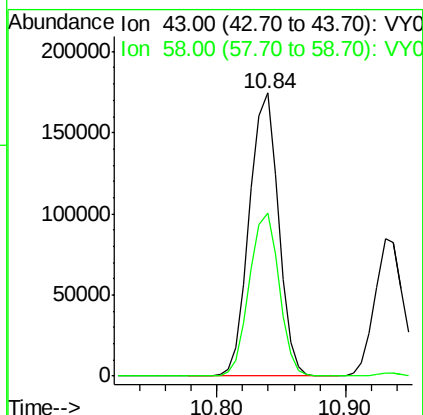
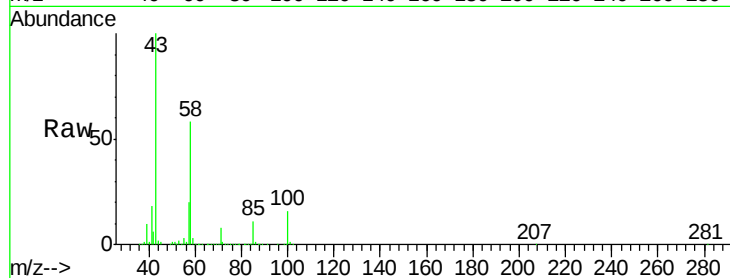




#59
2-Hexanone
Concen: 239.019 ug/l
RT: 10.84 min Scan# 1493
Delta R.T. -0.01 min
Lab File: VY002497.D
Acq: 28 Apr 2020 16:11

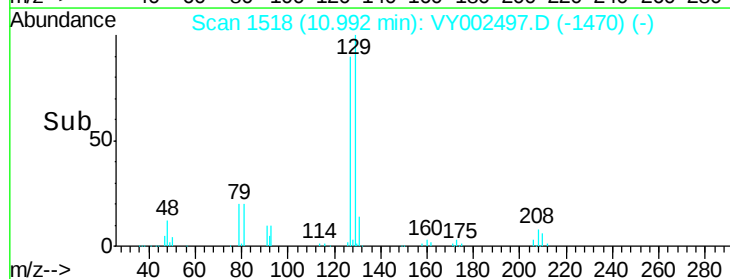
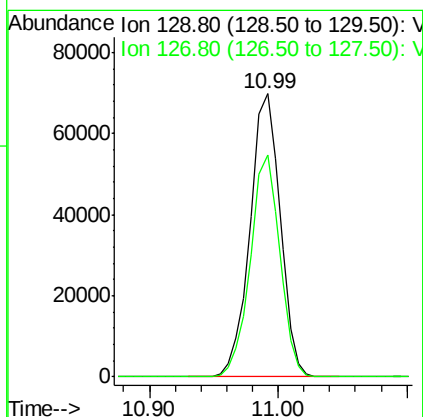
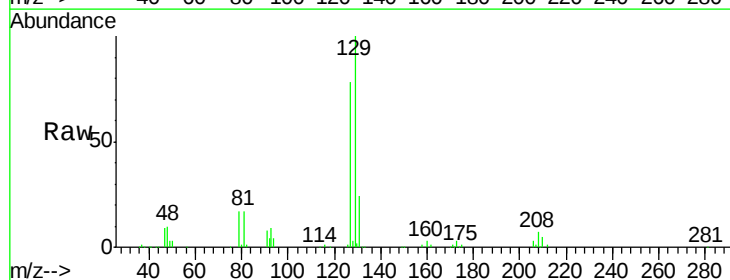
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

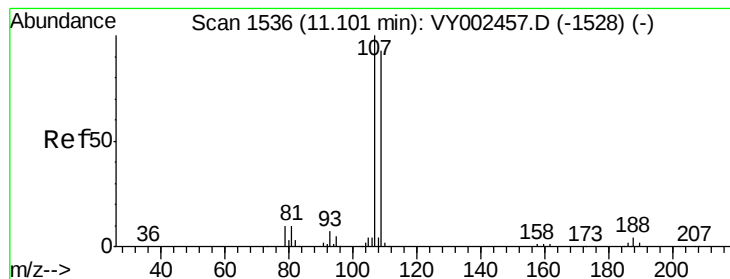
Tot Ion: 43 Resp: 272346
Ion Ratio Lower Upper
43 100
58 58.8 28.8 86.4



#60
Dibromochloromethane
Concen: 44.699 ug/l
RT: 10.99 min Scan# 1518
Delta R.T. -0.01 min
Lab File: VY002497.D
Acq: 28 Apr 2020 16:11

Tgt Ion: 129 Resp: 113046
Ion Ratio Lower Upper
129 100
127 76.6 38.3 114.9





#61

1,2-Dibromoethane

Concen: 49.255 ug/l

RT: 11.10 min Scan# 1535

Delta R.T. -0.01 min

Lab File: VY002497.D

Acq: 28 Apr 2020 16:11

Instrument :

MSVOA_Y

ClientSampleId :

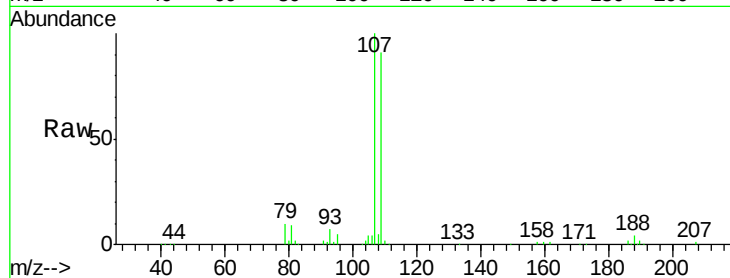
VSTDCCC050EC

Tot Ion:107 Resp: 94268

Ion Ratio Lower Upper

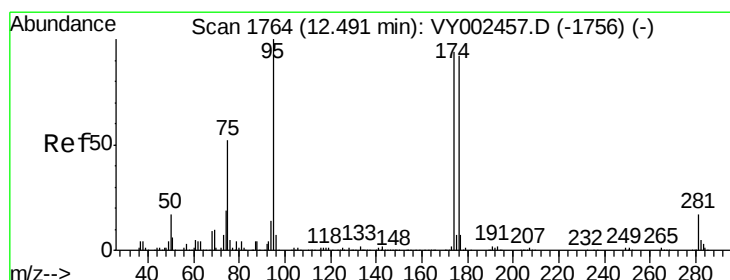
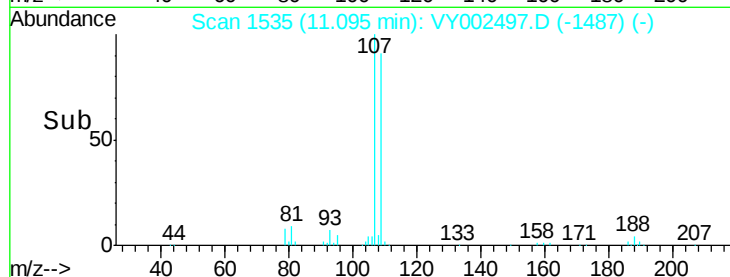
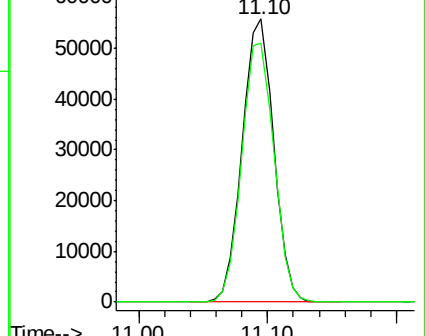
107 100

109 94.1 74.9 112.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 46.817 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. -0.01 min

Lab File: VY002497.D

Acq: 28 Apr 2020 16:11

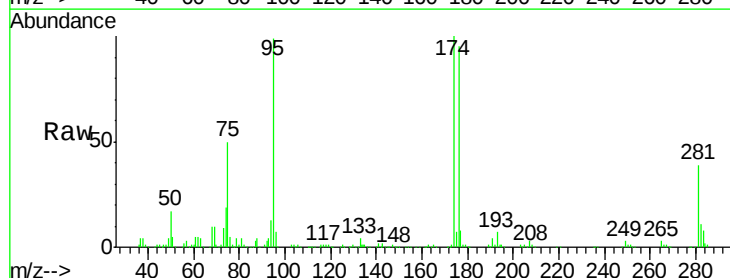
Tgt Ion: 95 Resp: 139114

Ion Ratio Lower Upper

95 100

174 99.6 0.0 193.0

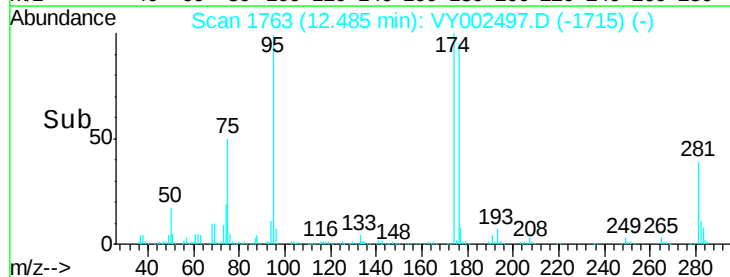
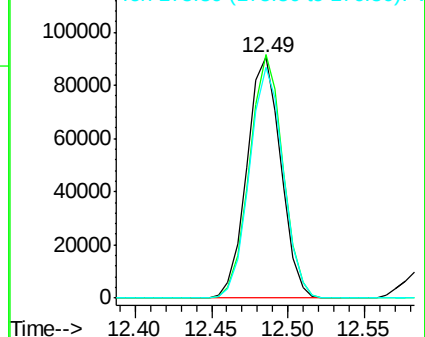
176 95.7 0.0 190.4

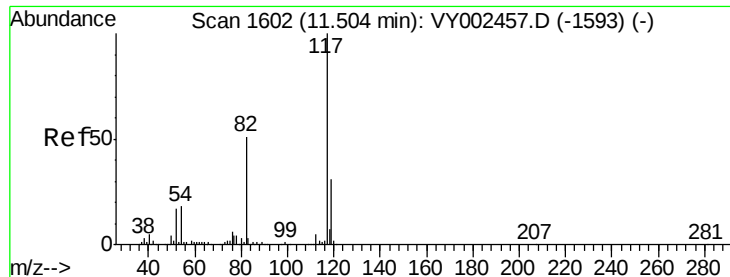


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

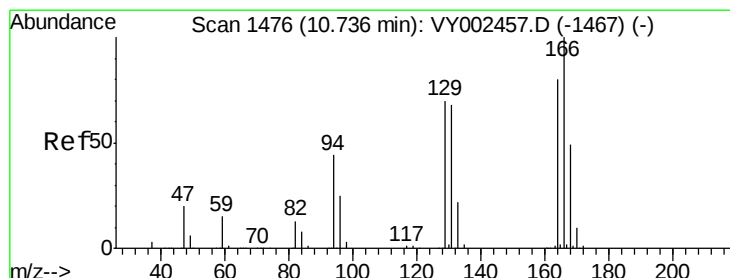
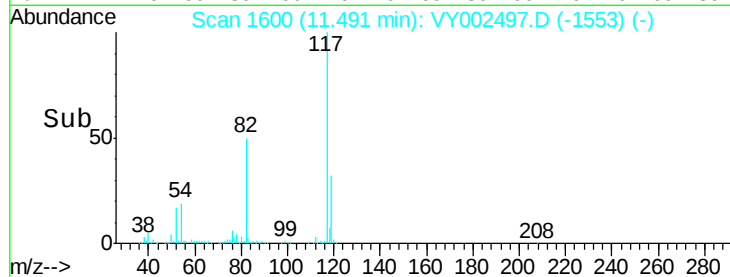
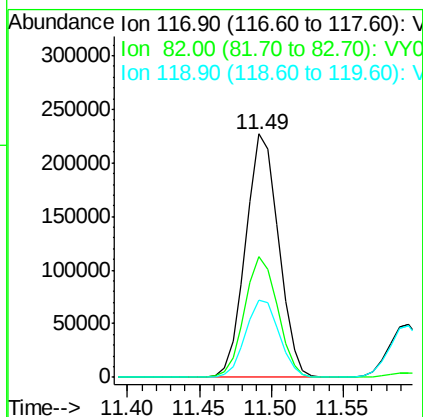
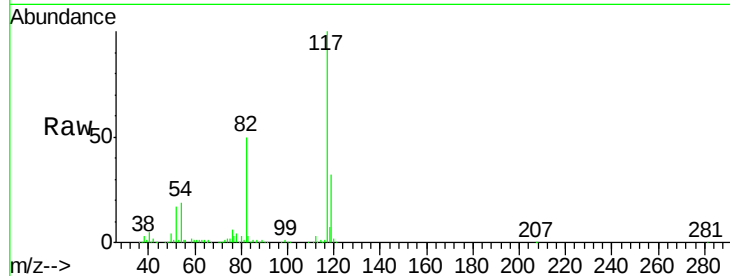




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY002497.D
Acq: 28 Apr 2020 16:11

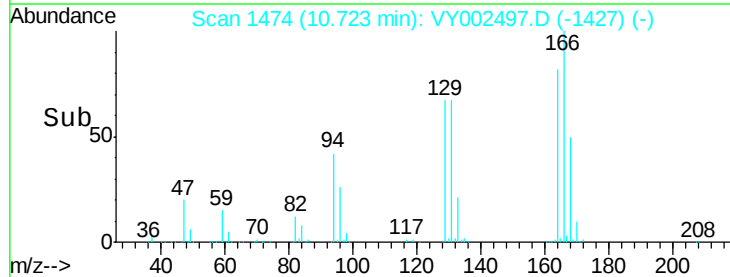
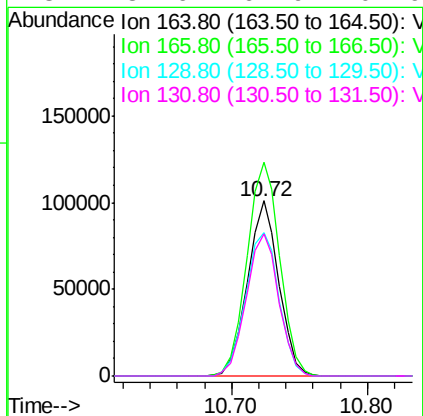
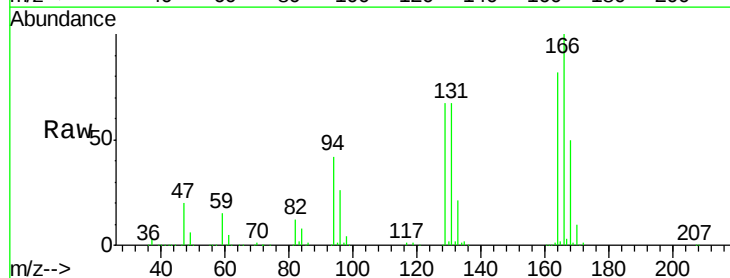
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

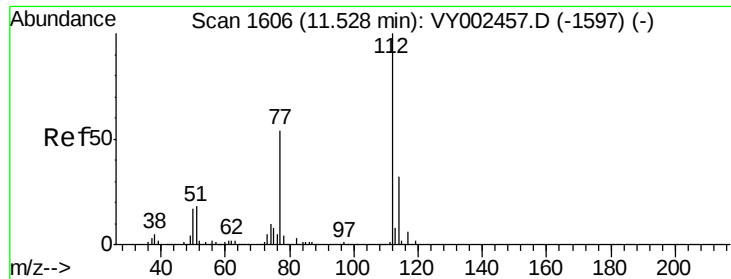
Tot Ion:117 Resp: 359939
Ion Ratio Lower Upper
117 100
82 49.6 40.8 61.2
119 31.6 25.2 37.8



#64
Tetrachloroethene
Concen: 49.329 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. -0.01 min
Lab File: VY002497.D
Acq: 28 Apr 2020 16:11

Tgt Ion:164 Resp: 162729
Ion Ratio Lower Upper
164 100
166 122.1 100.0 150.0
129 81.7 69.8 104.8
131 81.6 67.9 101.9





#65

Chlorobenzene

Concen: 49.565 ug/l

RT: 11.52 min Scan# 1605

Delta R.T. -0.01 min

Lab File: VY002497.D

Acq: 28 Apr 2020 16:11

Instrument :

MSVOA_Y

ClientSampleId :

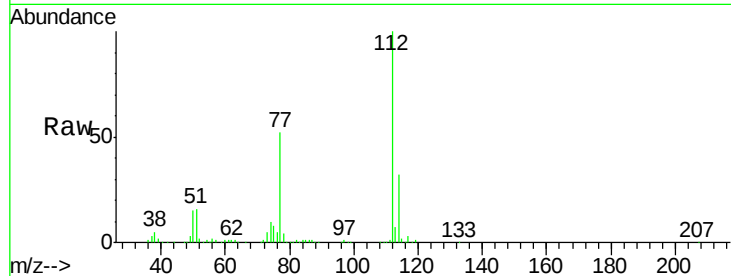
VSTDCCC050EC

Tot Ion:112 Resp: 343935

Ion Ratio Lower Upper

112 100

114 31.8 25.7 38.5



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

11.52

200000

150000

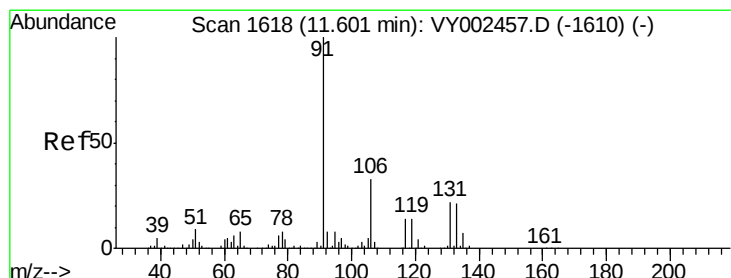
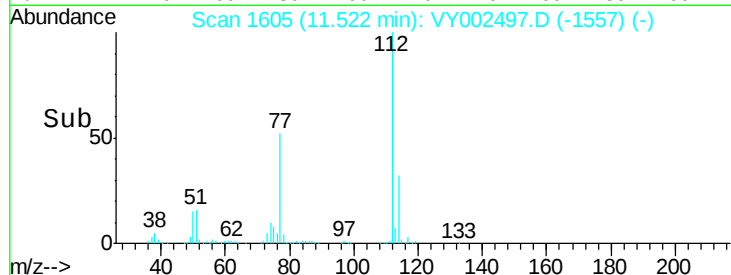
100000

50000

0

Time-->

11.50 11.60



#66

1,1,1,2-Tetrachloroethane

Concen: 50.847 ug/l

RT: 11.60 min Scan# 1617

Delta R.T. -0.01 min

Lab File: VY002497.D

Acq: 28 Apr 2020 16:11

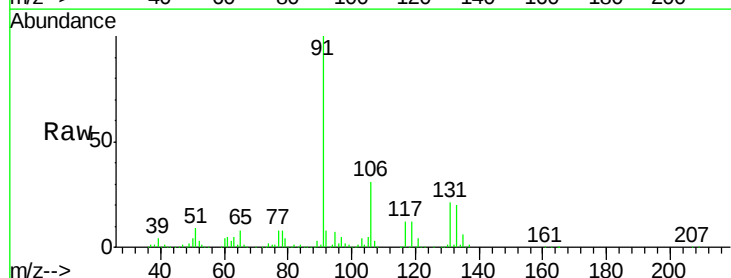
Tgt Ion:131 Resp: 132388

Ion Ratio Lower Upper

131 100

133 96.9 47.8 143.4

119 61.1 31.1 93.3



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

11.60

100000

80000

60000

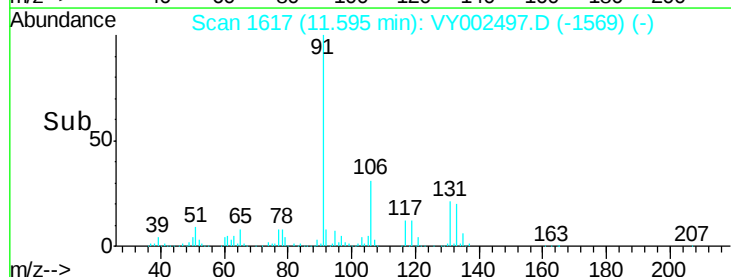
40000

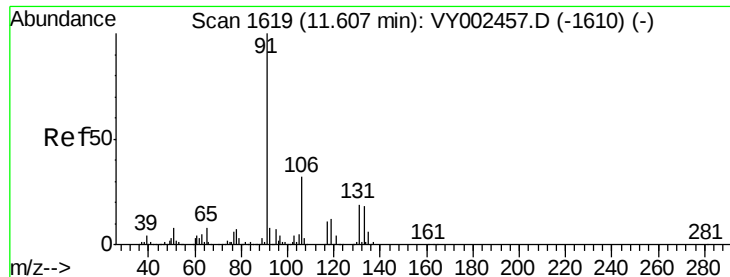
20000

0

Time-->

11.50 11.60





#67

Ethyl Benzene

Concen: 48.747 ug/l

RT: 11.60 min Scan# 1617

Delta R.T. -0.01 min

Lab File: VY002497.D

Acq: 28 Apr 2020 16:11

Instrument :

MSVOA_Y

ClientSampleId :

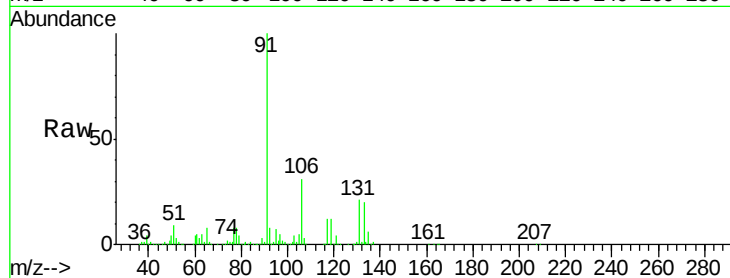
VSTDCCC050EC

Tot Ion: 91 Resp: 602862

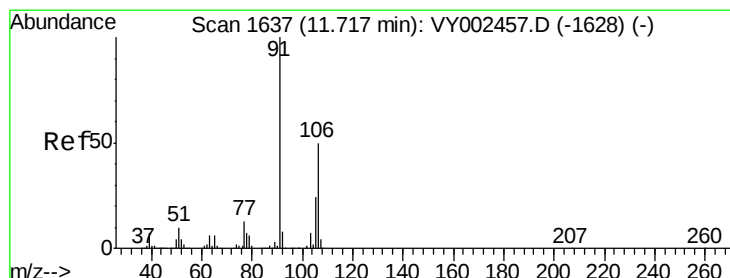
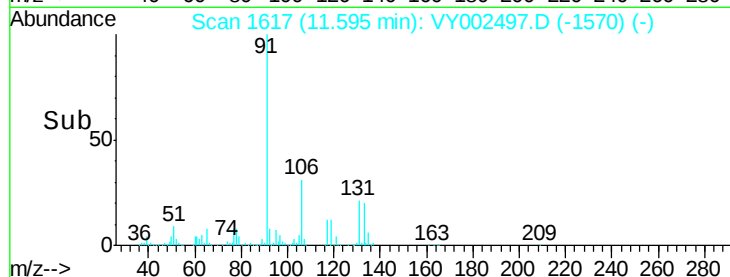
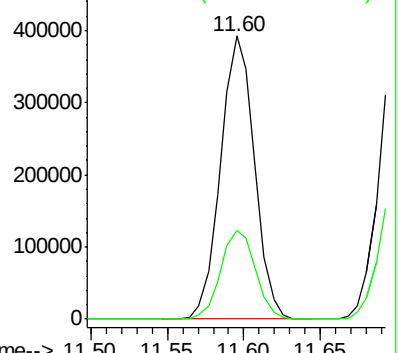
Ion Ratio Lower Upper

91 100

106 31.5 25.8 38.6



Abundance Ion 91.00 (90.70 to 91.70): VY002457.D (-1610) (-)



#68

m/p-Xylenes

Concen: 97.615 ug/l

RT: 11.70 min Scan# 1635

Delta R.T. -0.01 min

Lab File: VY002497.D

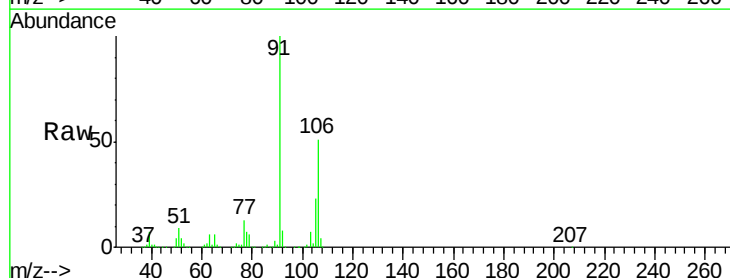
Acq: 28 Apr 2020 16:11

Tgt Ion: 106 Resp: 464730

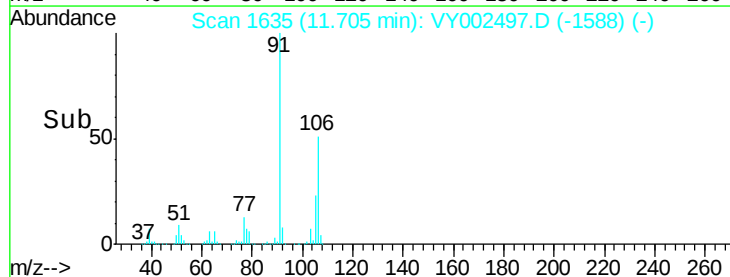
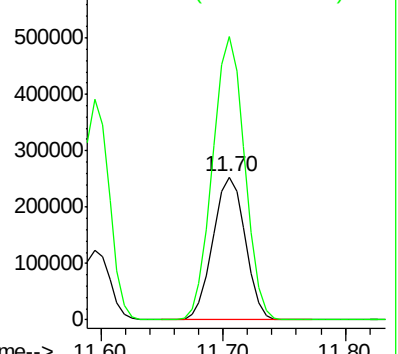
Ion Ratio Lower Upper

106 100

91 196.4 159.8 239.6



Abundance Ion 106.00 (105.70 to 106.70): VY002457.D (-1628) (-)

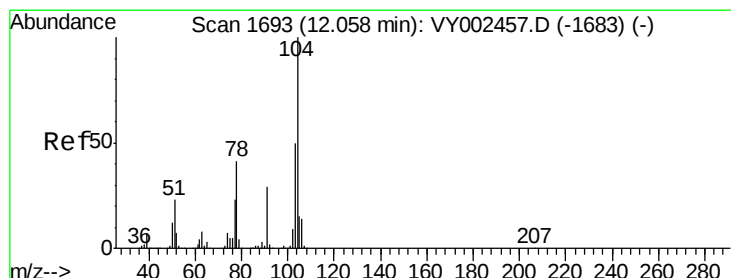
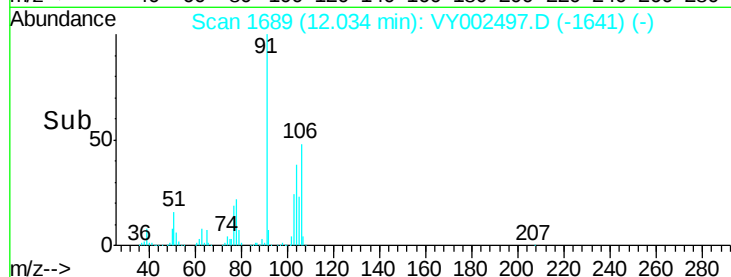
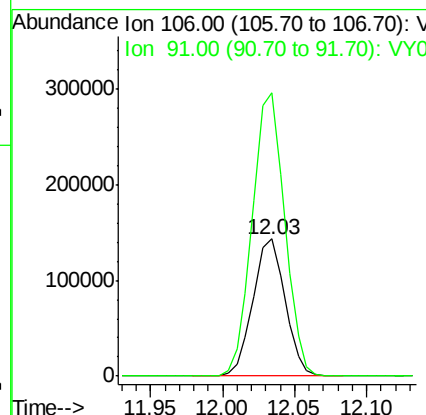
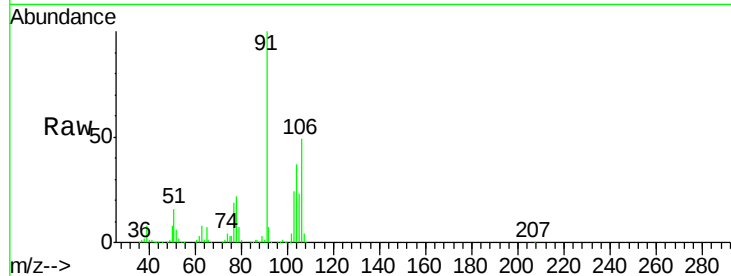




#69
o-Xylene
Concen: 49.991 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. -0.01 min
Lab File: VY002497.D
Acq: 28 Apr 2020 16:11

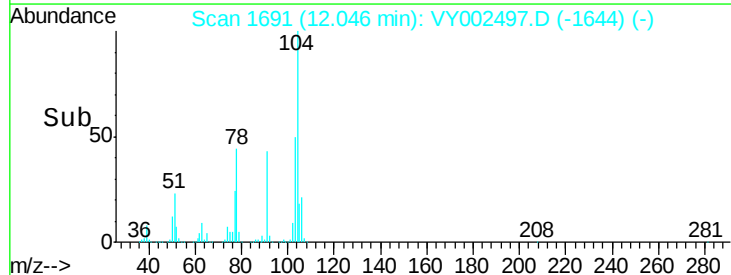
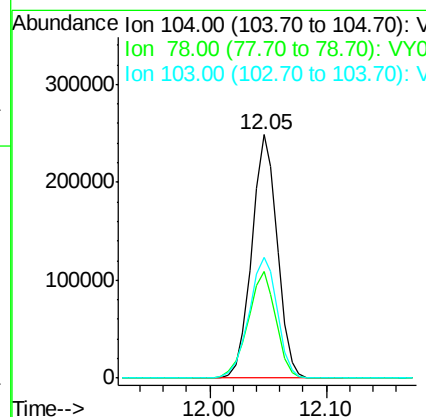
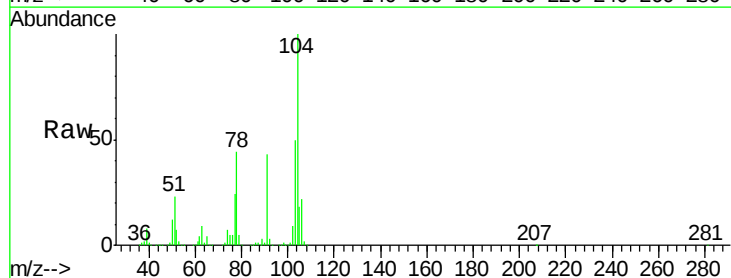
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

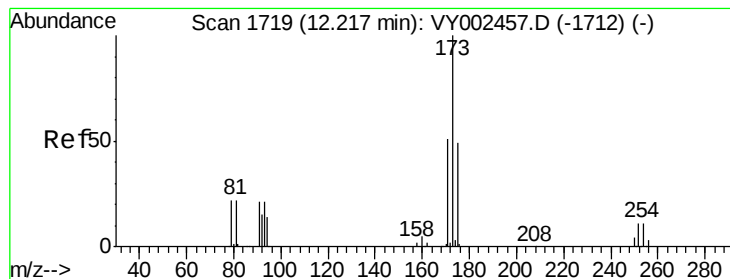
Tot Ion:106 Resp: 220399
Ion Ratio Lower Upper
106 100
91 208.4 104.5 313.3



#70
Styrene
Concen: 49.508 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. -0.01 min
Lab File: VY002497.D
Acq: 28 Apr 2020 16:11

Tgt Ion:104 Resp: 380054
Ion Ratio Lower Upper
104 100
78 47.9 38.0 57.0
103 55.1 44.4 66.6





#71

Bromoform

Concen: 50.658 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. -0.01 min

Lab File: VY002497.D

Acq: 28 Apr 2020 16:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

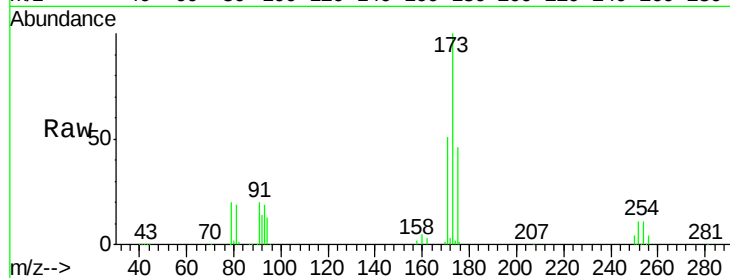
Tot Ion:173 Resp: 83090

Ion Ratio Lower Upper

173 100

175 48.4 24.3 73.0

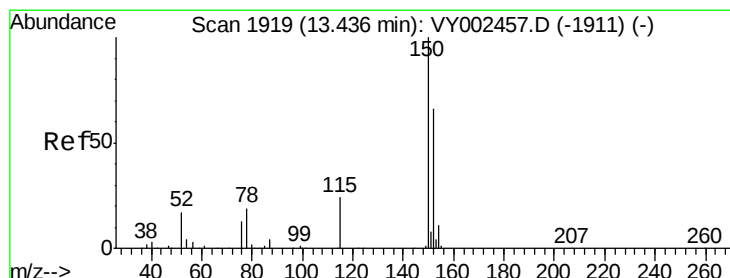
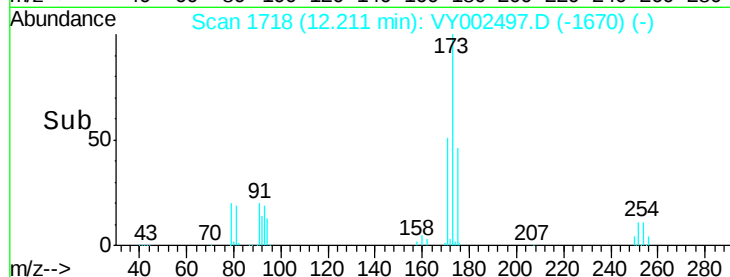
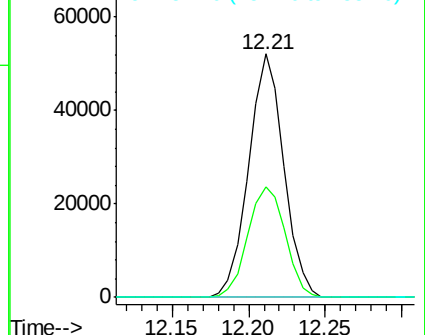
254 0.2 0.1 0.1#



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: 13.43 min Scan# 1918

Delta R.T. -0.01 min

Lab File: VY002497.D

Acq: 28 Apr 2020 16:11

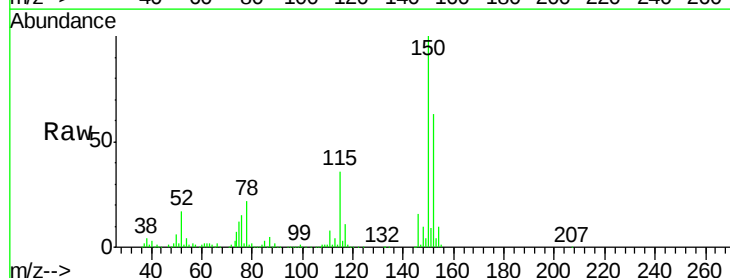
Tgt Ion:152 Resp: 169032

Ion Ratio Lower Upper

152 100

115 55.6 27.3 81.8

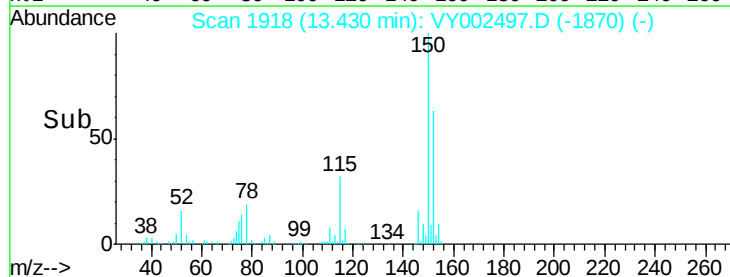
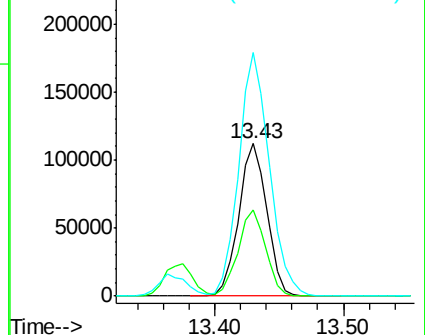
150 173.8 0.0 346.8

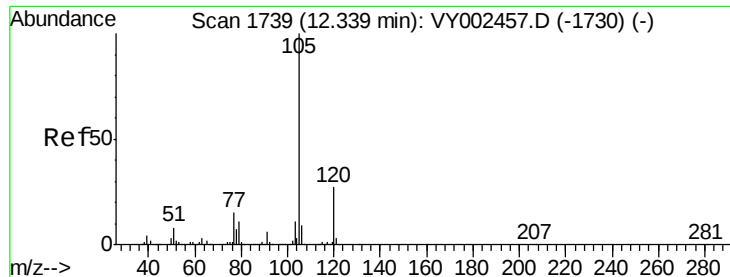


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 52.258 ug/l

RT: 12.33 min Scan# 1738

Delta R.T. -0.01 min

Lab File: VY002497.D

Acq: 28 Apr 2020 16:11

Instrument :

MSVOA_Y

ClientSampleId :

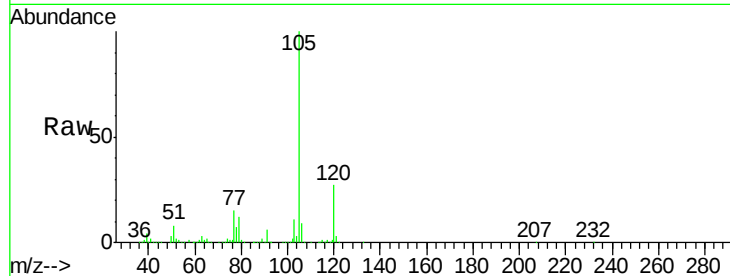
VSTDCCC050EC

Tot Ion: 105 Resp: 590542

Ion Ratio Lower Upper

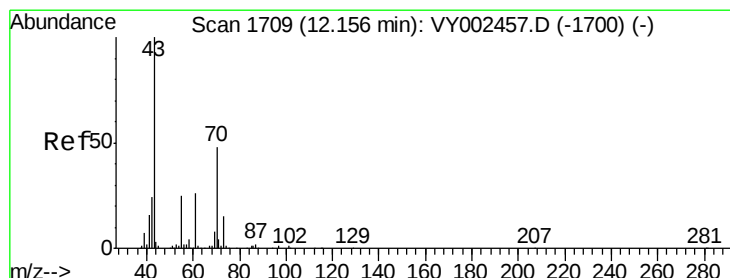
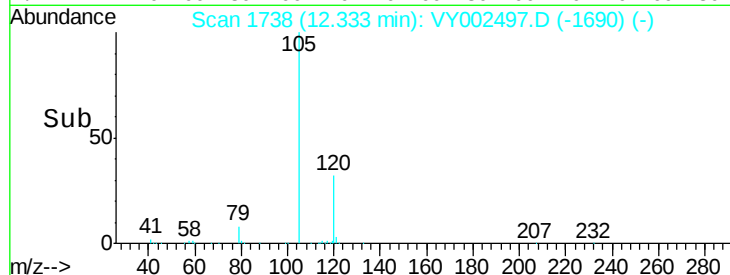
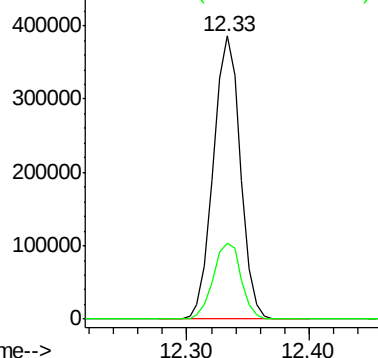
105 100

120 27.7 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 51.451 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.01 min

Lab File: VY002497.D

Acq: 28 Apr 2020 16:11

Tgt Ion: 43 Resp: 137778

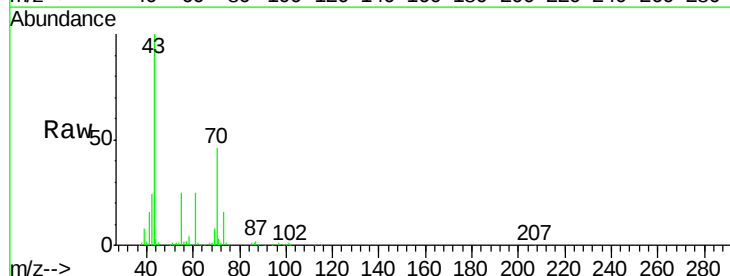
Ion Ratio Lower Upper

43 100

70 47.4 37.2 55.8

55 24.9 19.6 29.4

61 26.5 20.7 31.1

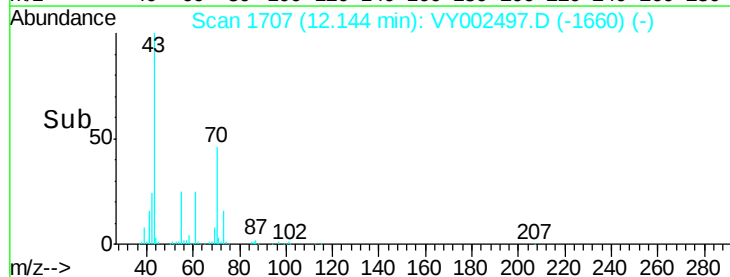
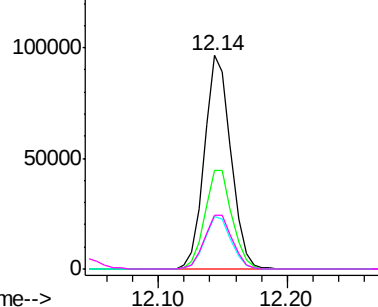


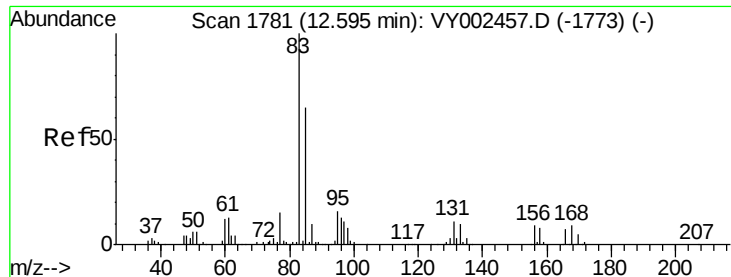
Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0





#75

1,1,2,2-Tetrachloroethane

Concen: 51.758 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.01 min

Lab File: VY002497.D

Acq: 28 Apr 2020 16:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

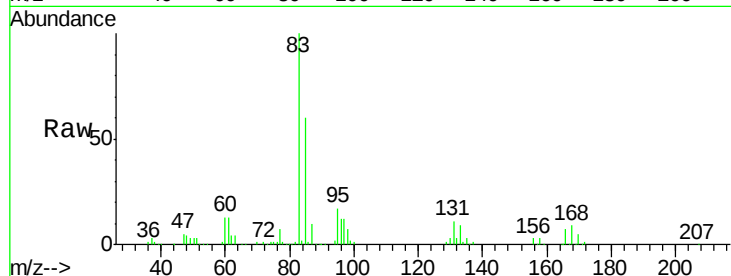
Tot Ion: 83 Resp: 89831

Ion Ratio Lower Upper

83 100

131 12.8 6.2 18.6

85 63.1 32.5 97.5



Abundance Ion 82.90 (82.60 to 83.60): VY002497.D (-1773) (-)

Ion 130.80 (130.50 to 131.50): VY002497.D (-1773) (-)

Ion 84.90 (84.60 to 85.60): VY002497.D (-1773) (-)

Time-->

12.58

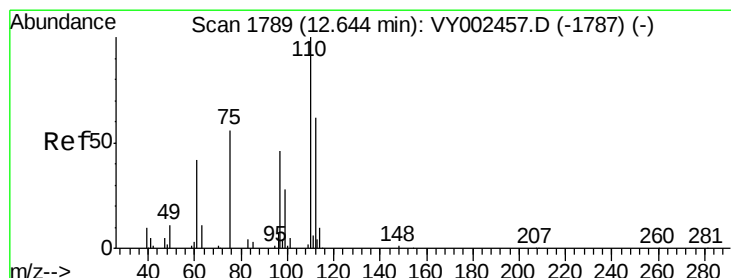
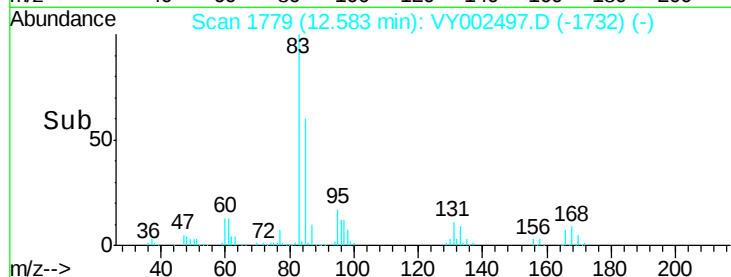
60000

40000

20000

0

12.50 12.55 12.60 12.65



#76

1,2,3-Trichloropropane

Concen: 48.283 ug/l m

RT: 12.64 min Scan# 1788

Delta R.T. -0.01 min

Lab File: VY002497.D

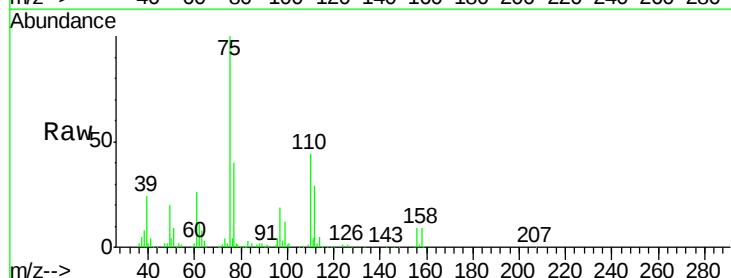
Acq: 28 Apr 2020 16:11

Tgt Ion: 75 Resp: 69172

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY002497.D (-1740) (-)

Ion 77.00 (76.70 to 77.70): VY002497.D (-1740) (-)

Time-->

12.62 12.64 12.66

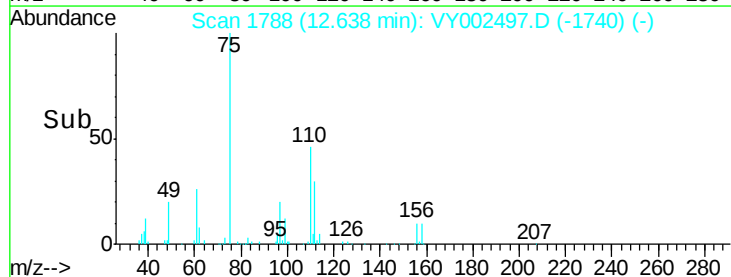
150000

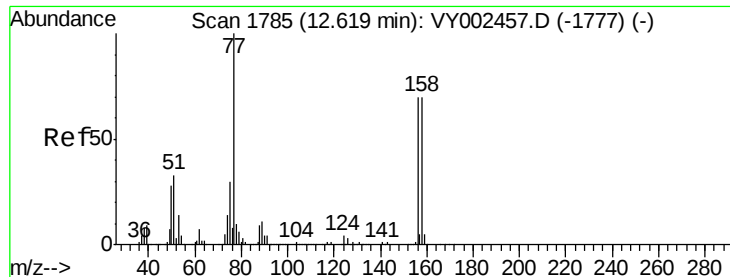
100000

50000

0

12.62 12.64 12.66





#77

Bromobenzene

Concen: 53.789 ug/l

RT: 12.61 min Scan# 1784

Delta R.T. -0.01 min

Lab File: VY002497.D

Acq: 28 Apr 2020 16:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

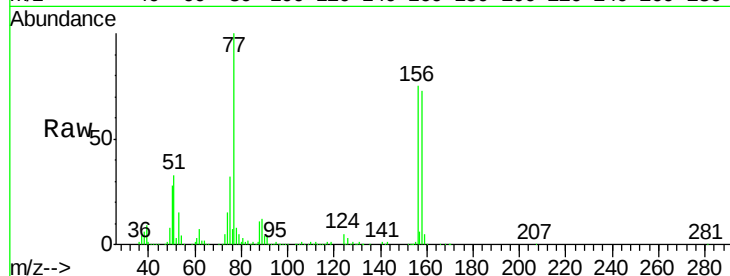
Tot Ion:156 Resp: 152448

Ion Ratio Lower Upper

156 100

77 154.6 78.5 235.7

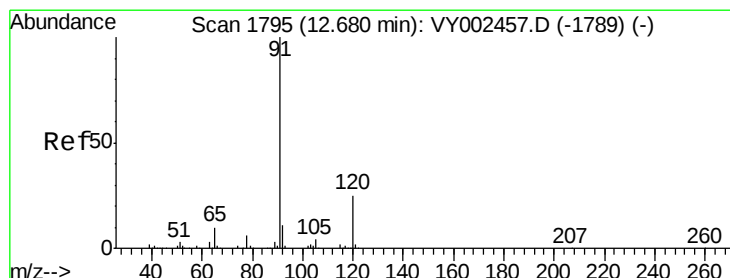
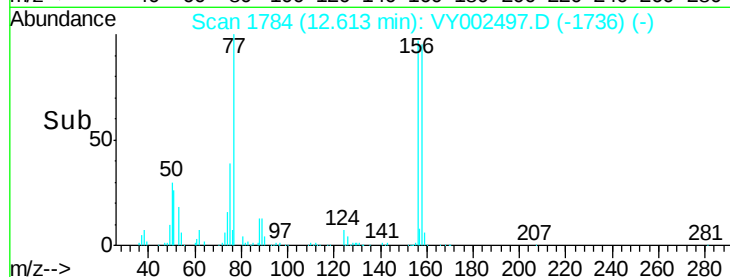
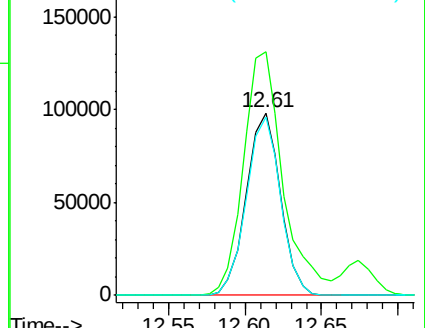
158 98.0 48.4 145.3



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: 52.352 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. -0.01 min

Lab File: VY002497.D

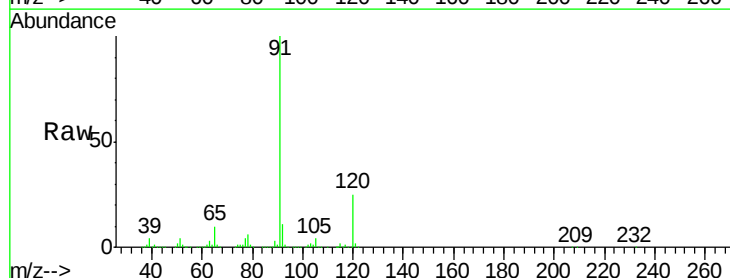
Acq: 28 Apr 2020 16:11

Tgt Ion: 91 Resp: 686898

Ion Ratio Lower Upper

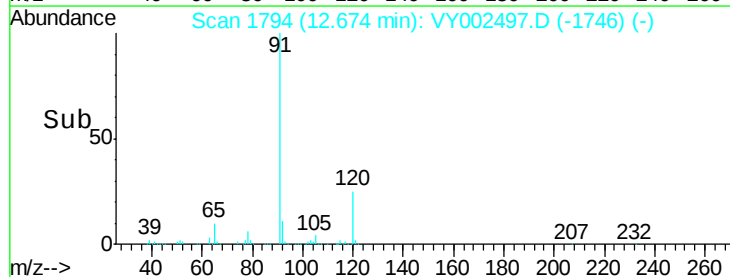
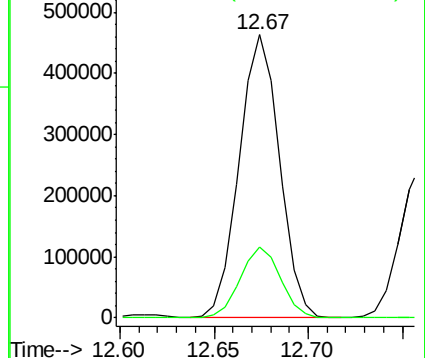
91 100

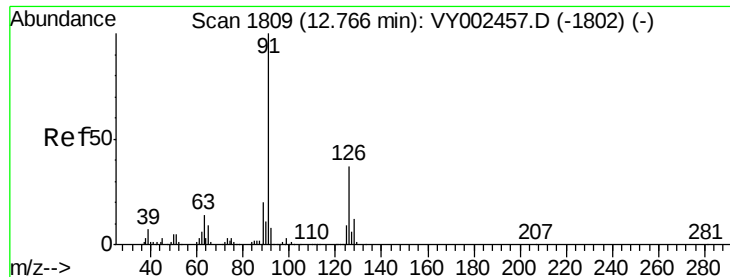
120 24.9 12.3 36.8



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

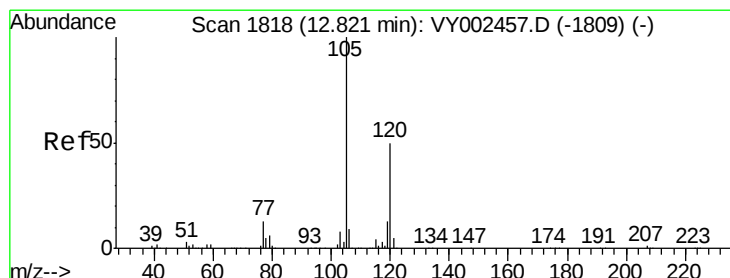
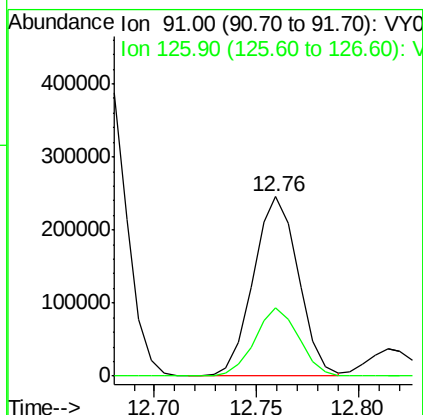
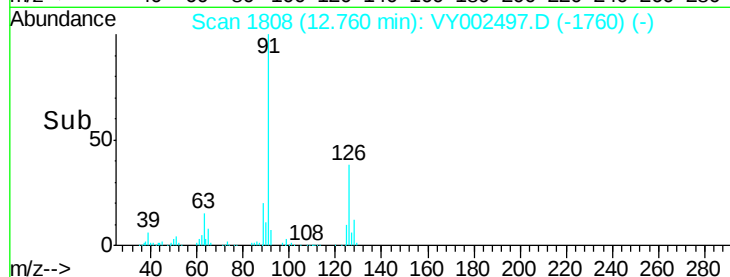
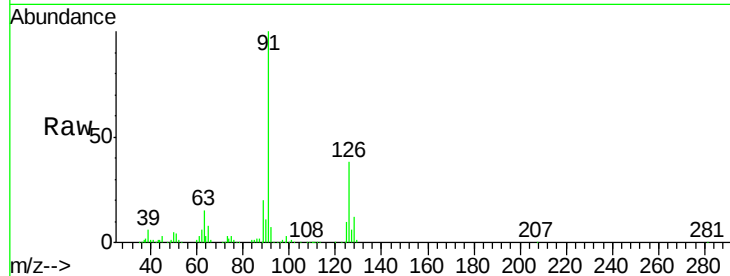




#79
 2-Chlorotoluene
 Concen: 52.648 ug/l
 RT: 12.76 min Scan# 1808
 Delta R.T. -0.01 min
 Lab File: VY002497.D
 Acq: 28 Apr 2020 16:11

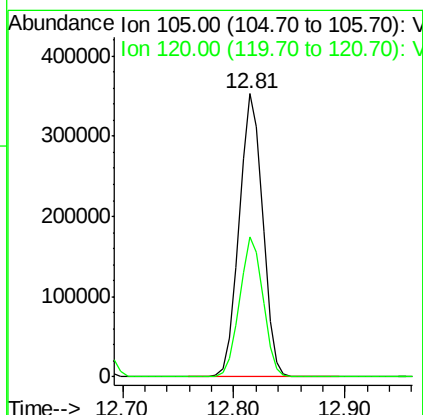
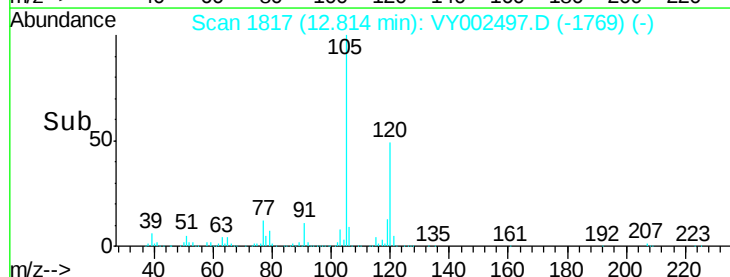
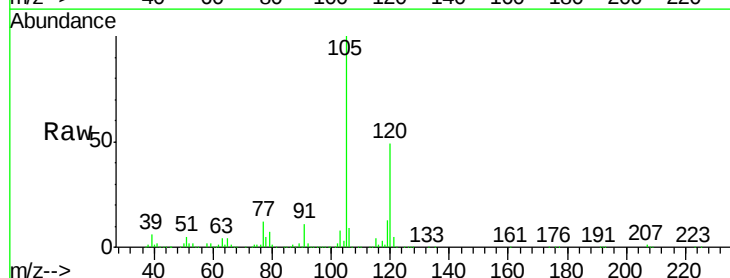
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

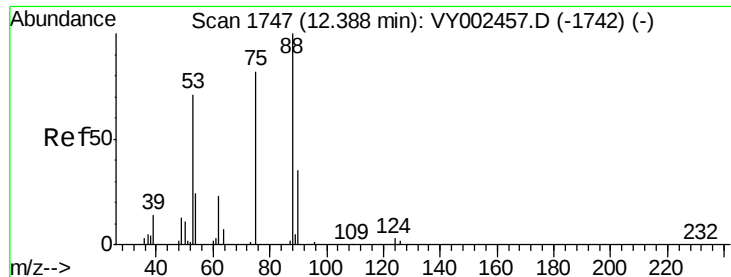
Tot Ion: 91 Resp: 377998
 Ion Ratio Lower Upper
 91 100
 126 37.4 18.5 55.5



#80
 1,3,5-Trimethylbenzene
 Concen: 53.669 ug/l
 RT: 12.81 min Scan# 1817
 Delta R.T. -0.01 min
 Lab File: VY002497.D
 Acq: 28 Apr 2020 16:11

Tgt Ion: 105 Resp: 514753
 Ion Ratio Lower Upper
 105 100
 120 49.3 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 51.554 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. -0.01 min

Lab File: VY002497.D

Acq: 28 Apr 2020 16:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

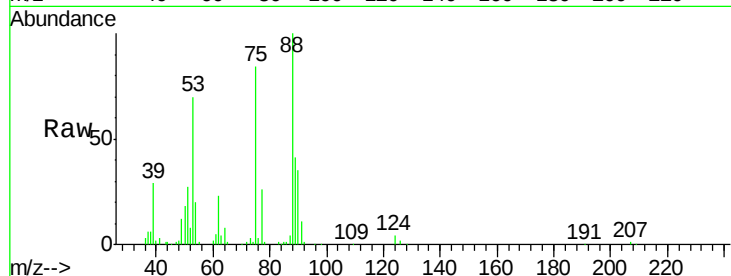
Tot Ion: 75 Resp: 39913

Ion Ratio Lower Upper

75 100

53 86.1 70.0 105.0

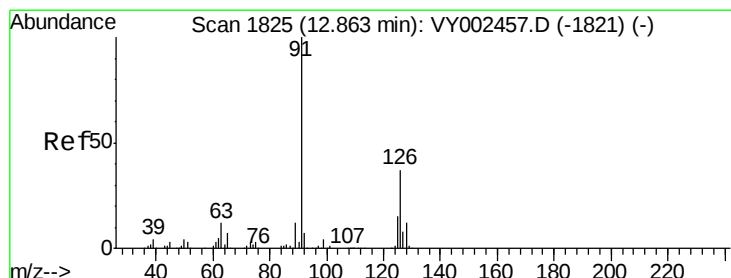
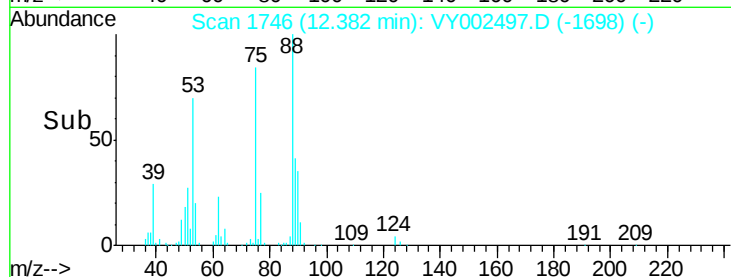
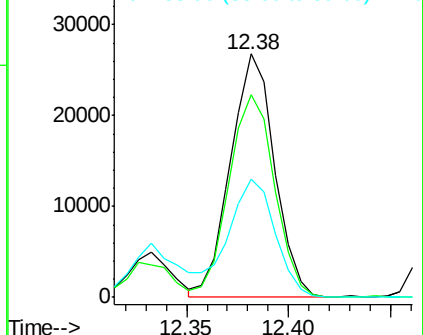
89 53.3 34.9 52.3#



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0



#82

4-Chlorotoluene

Concen: 54.182 ug/l

RT: 12.86 min Scan# 1824

Delta R.T. -0.01 min

Lab File: VY002497.D

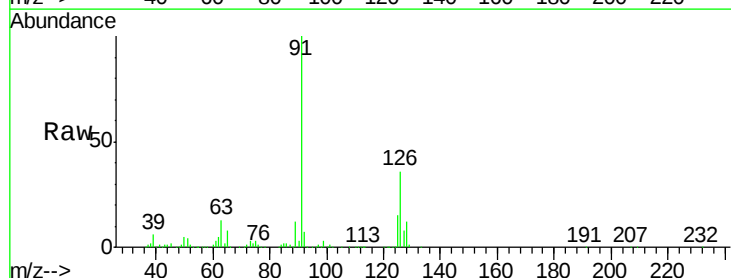
Acq: 28 Apr 2020 16:11

Tgt Ion: 91 Resp: 402055

Ion Ratio Lower Upper

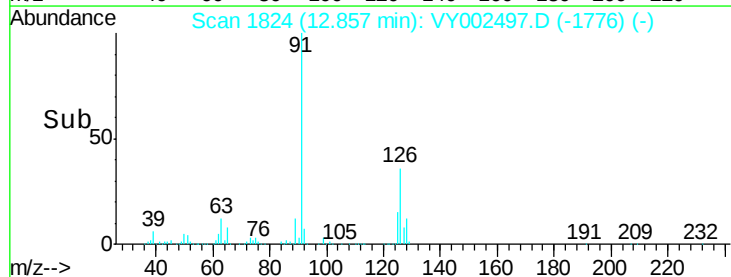
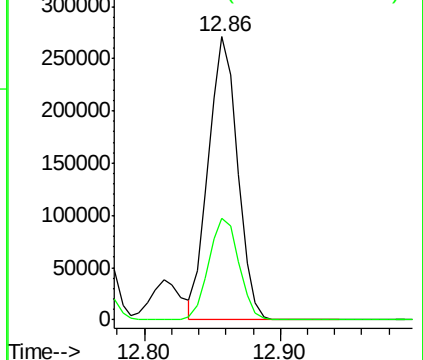
91 100

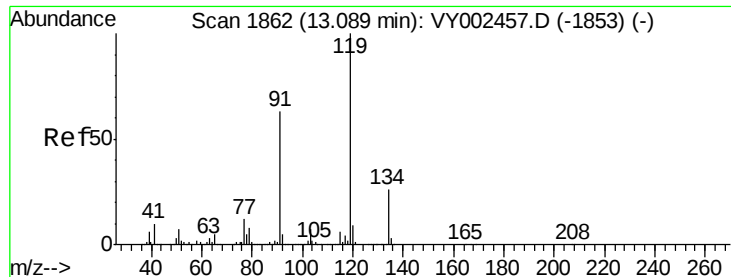
126 37.3 18.5 55.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V

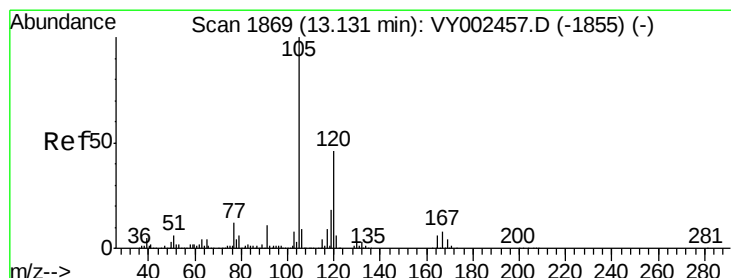
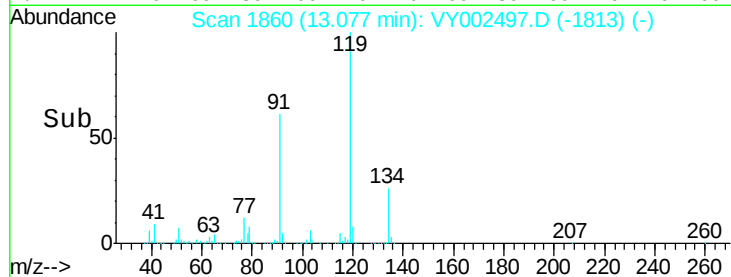
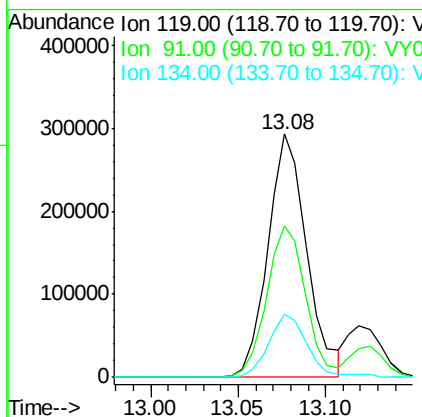
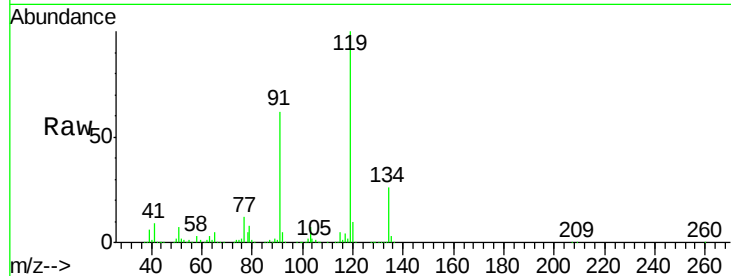




#83
 tert-Butylbenzene
 Concen: 54.648 ug/l
 RT: 13.08 min Scan# 1860
 Delta R.T. -0.01 min
 Lab File: VY002497.D
 Acq: 28 Apr 2020 16:11

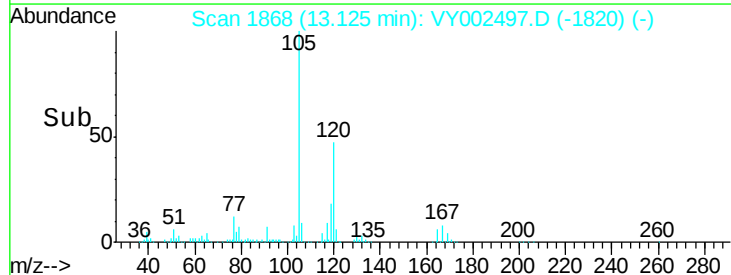
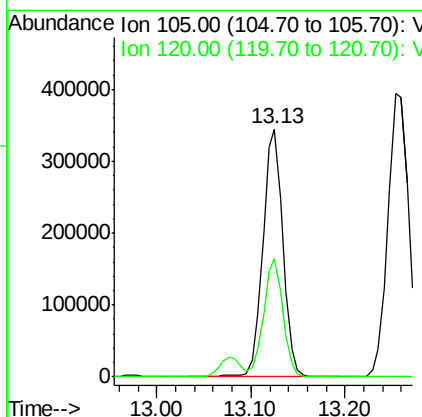
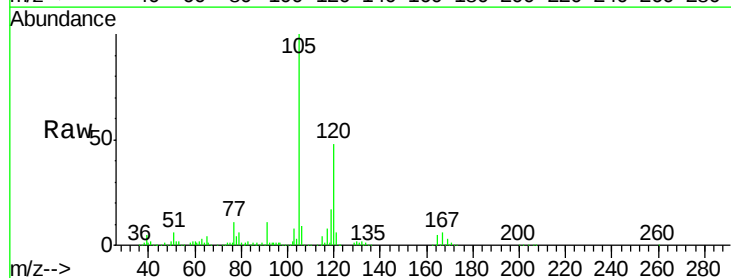
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	62.3	30.8	92.3
134	26.2	13.2	39.6



#84
 1,2,4-Trimethylbenzene
 Concen: 56.119 ug/l
 RT: 13.13 min Scan# 1868
 Delta R.T. -0.01 min
 Lab File: VY002497.D
 Acq: 28 Apr 2020 16:11

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.3	23.1	69.2





#85

sec-Butylbenzene

Concen: 54.475 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.01 min

Lab File: VY002497.D

Acq: 28 Apr 2020 16:11

Instrument :

MSVOA_Y

ClientSampleId :

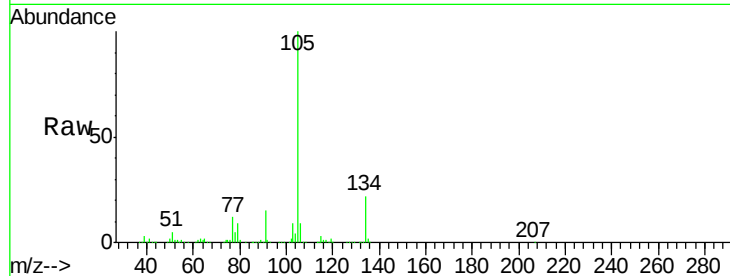
VSTDCCC050EC

Tot Ion:105 Resp: 607523

Ion Ratio Lower Upper

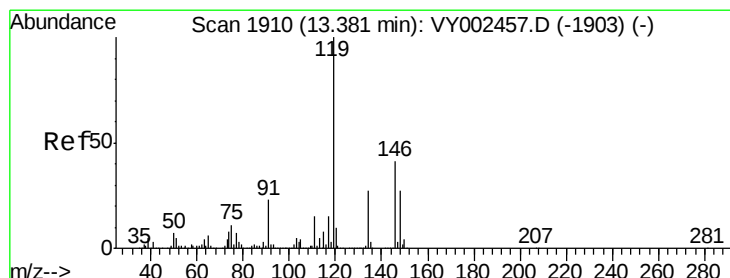
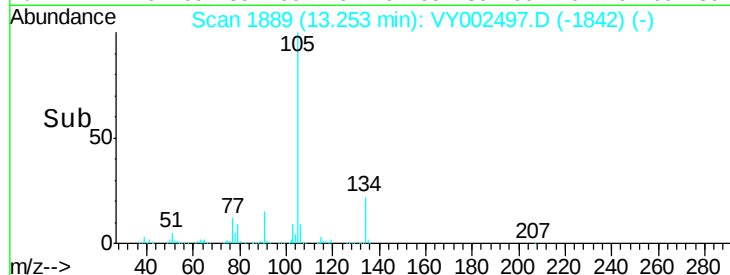
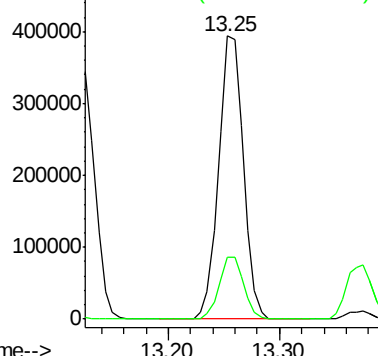
105 100

134 21.9 10.8 32.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 43.073 ug/l

RT: 13.38 min Scan# 1909

Delta R.T. -0.01 min

Lab File: VY002497.D

Acq: 28 Apr 2020 16:11

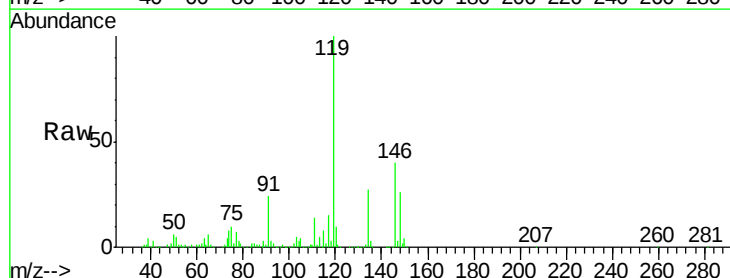
Tgt Ion:119 Resp: 458108

Ion Ratio Lower Upper

119 100

134 26.8 13.5 40.5

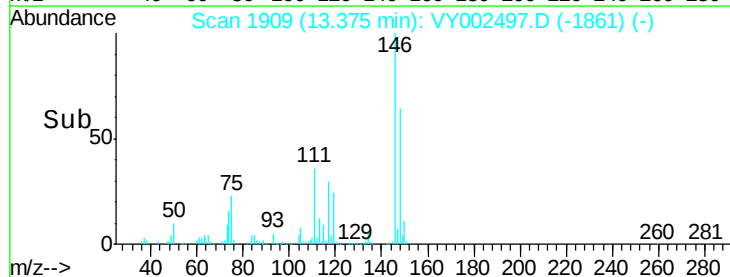
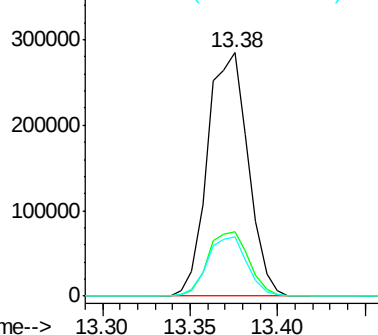
91 24.0 11.5 34.4

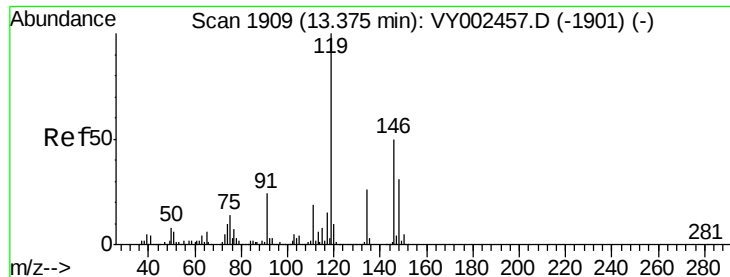


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





#87

1,3-Dichlorobenzene

Concen: 44.910 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. -0.01 min

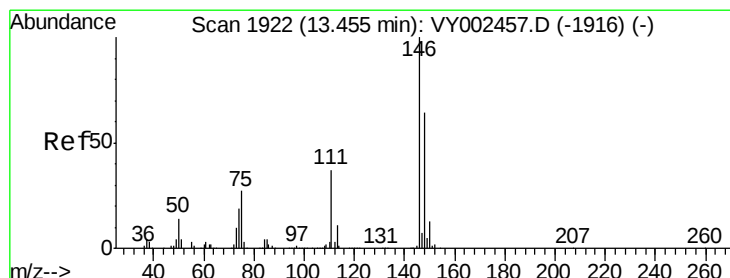
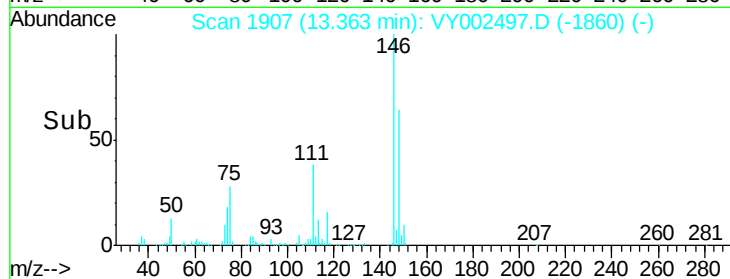
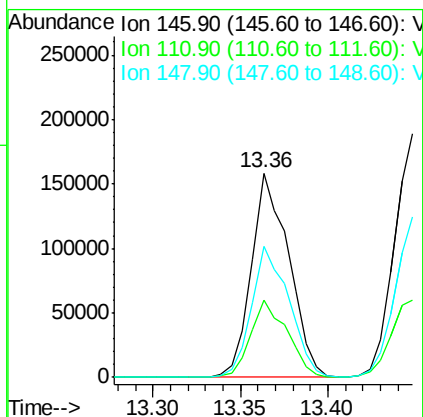
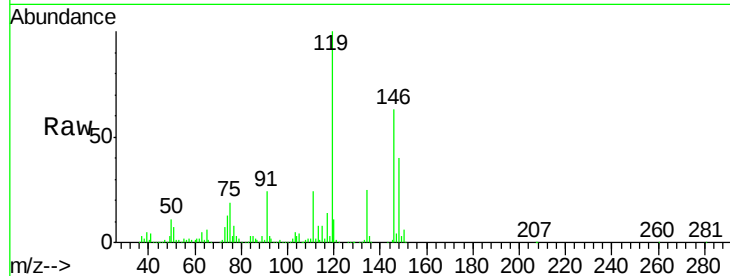
Lab File: VY002497.D

Acq: 28 Apr 2020 16:11

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion:146 Resp: 235421

Ion	Ratio	Lower	Upper
146	100		
111	37.0	18.8	56.3
148	64.3	32.0	96.0



#88

1,4-Dichlorobenzene

Concen: 52.656 ug/l

RT: 13.45 min Scan# 1921

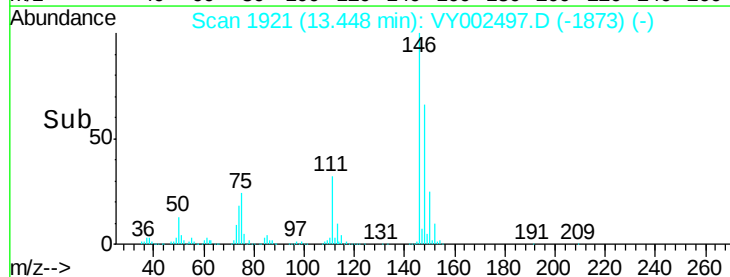
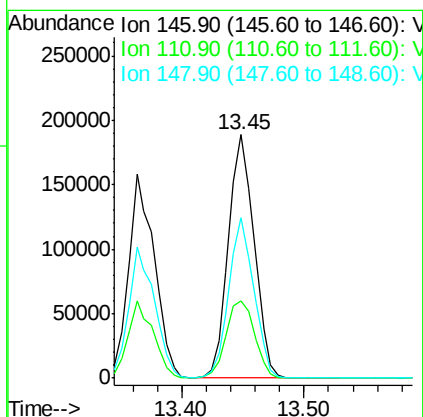
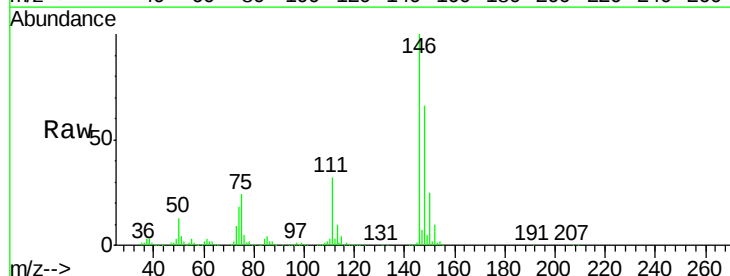
Delta R.T. -0.01 min

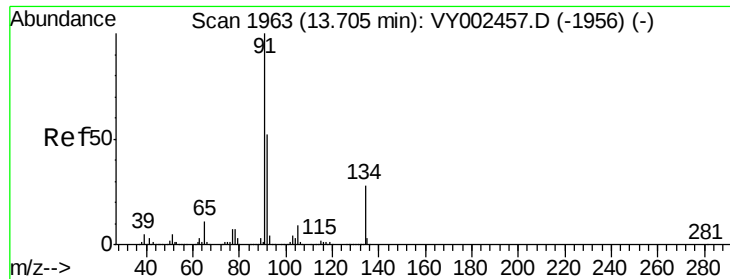
Lab File: VY002497.D

Acq: 28 Apr 2020 16:11

Tgt Ion:146 Resp: 274467

Ion	Ratio	Lower	Upper
146	100		
111	35.3	18.1	54.1
148	64.0	32.1	96.5





#89

n-Butylbenzene

Concen: 52.133 ug/l

RT: 13.70 min Scan# 1962

Delta R.T. -0.01 min

Lab File: VY002497.D

Acq: 28 Apr 2020 16:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

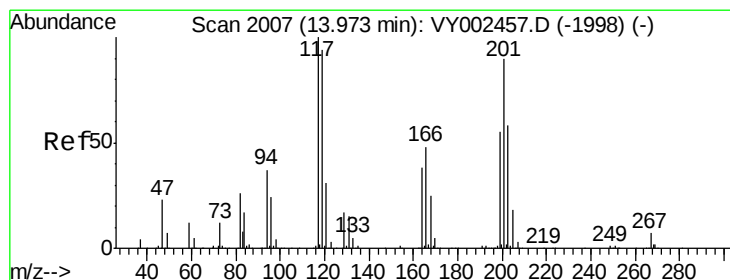
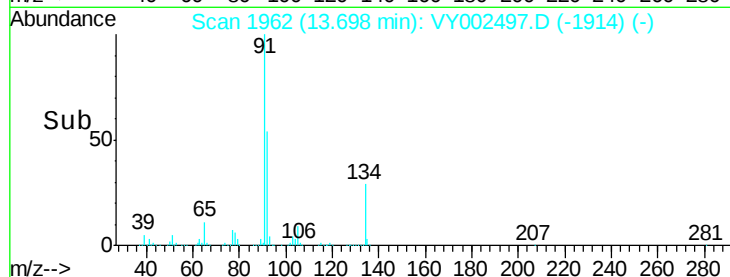
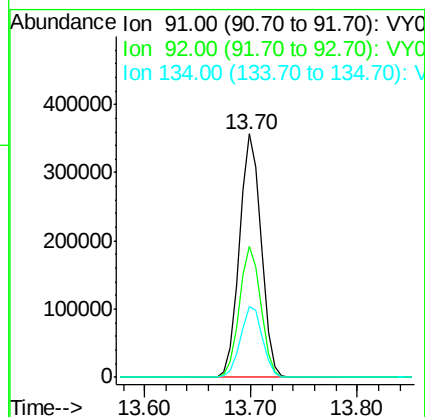
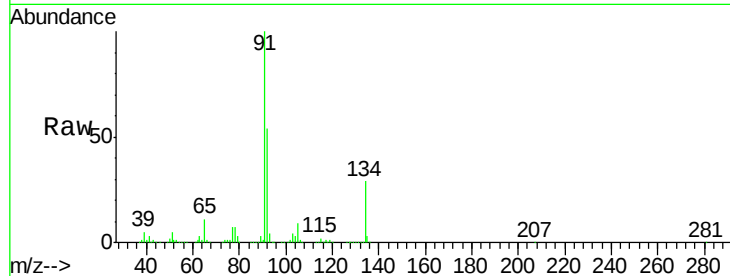
Tot Ion: 91 Resp: 511491

Ion Ratio Lower Upper

91 100

92 53.2 26.5 79.4

134 29.6 14.3 42.9



#90

Hexachloroethane

Concen: 53.775 ug/l

RT: 13.97 min Scan# 2006

Delta R.T. -0.01 min

Lab File: VY002497.D

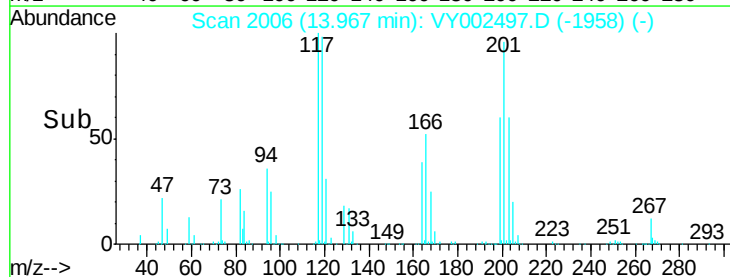
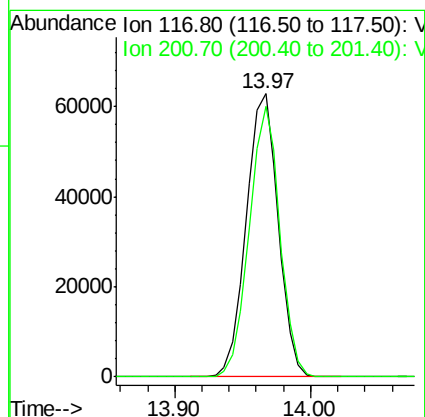
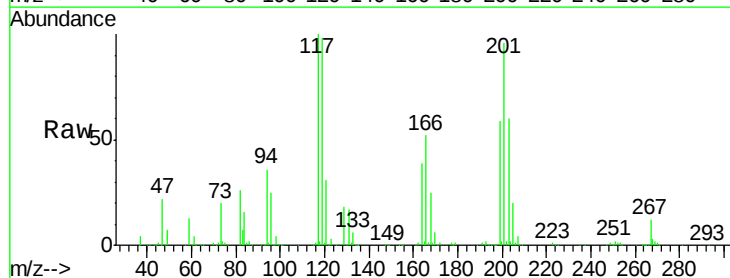
Acq: 28 Apr 2020 16:11

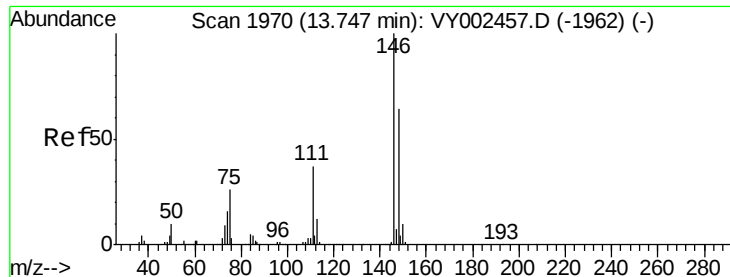
Tgt Ion: 117 Resp: 103374

Ion Ratio Lower Upper

117 100

201 91.6 44.4 133.1





#91

1,2-Dichlorobenzene

Concen: 57.305 ug/l

RT: 13.74 min Scan# 1969

Delta R.T. -0.01 min

Lab File: VY002497.D

Acq: 28 Apr 2020 16:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

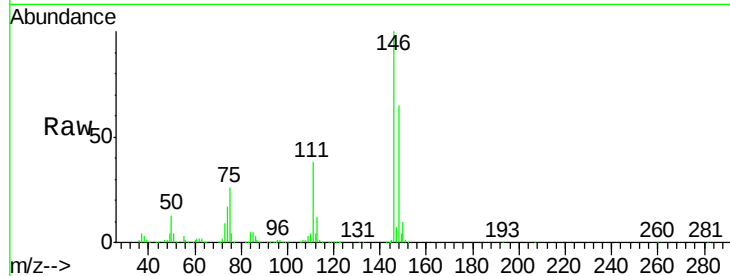
Tot Ion:146 Resp: 258694

Ion Ratio Lower Upper

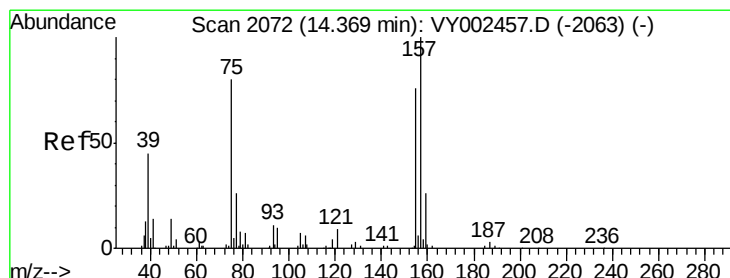
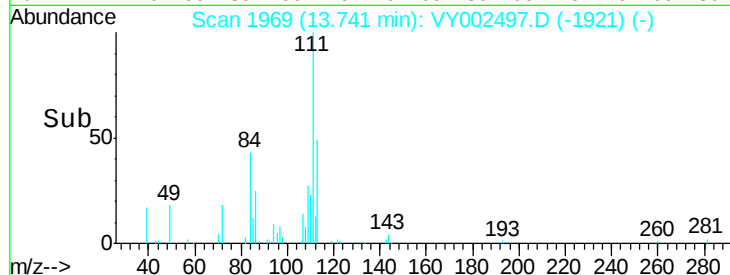
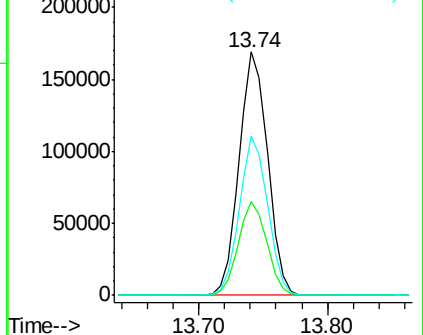
146 100

111 38.3 18.9 56.9

148 64.6 31.6 94.7



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: 53.923 ug/l

RT: 14.36 min Scan# 2071

Delta R.T. -0.01 min

Lab File: VY002497.D

Acq: 28 Apr 2020 16:11

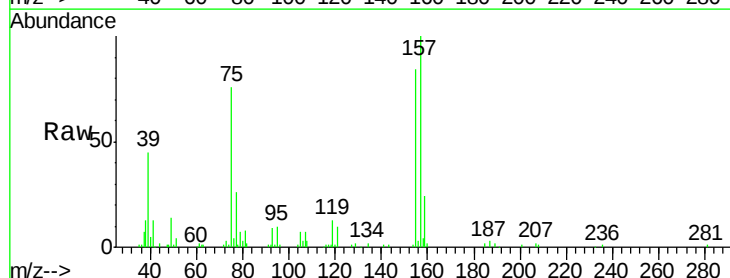
Tgt Ion: 75 Resp: 18580

Ion Ratio Lower Upper

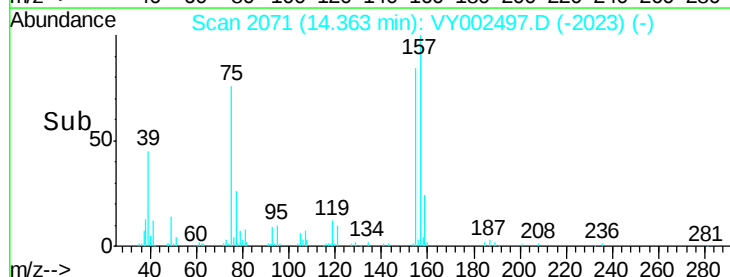
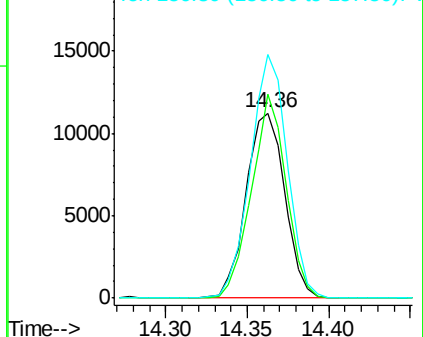
75 100

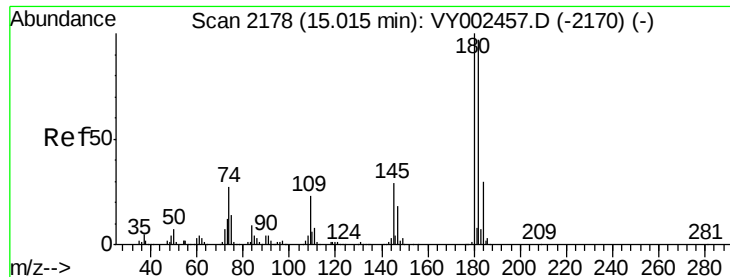
155 98.3 49.6 149.0

157 125.8 62.6 187.9



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

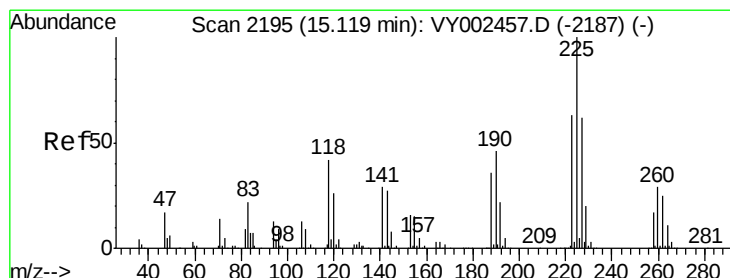
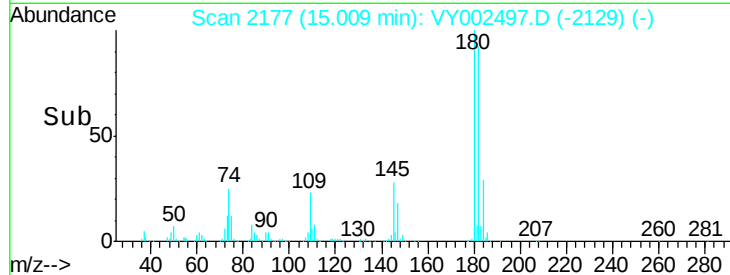
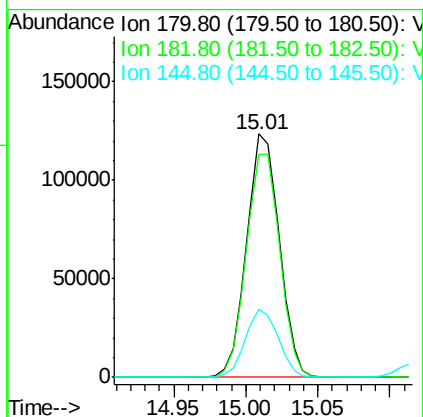
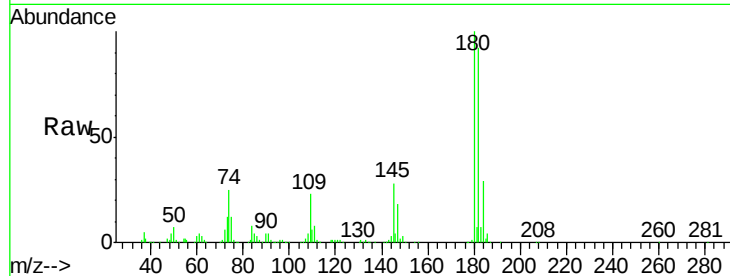




#93
 1,2,4-Trichlorobenzene
 Concen: 54.203 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. -0.01 min
 Lab File: VY002497.D
 Acq: 28 Apr 2020 16:11

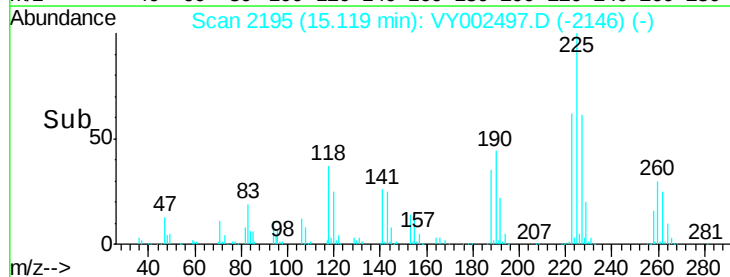
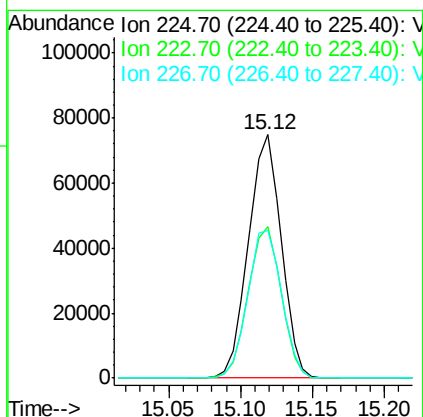
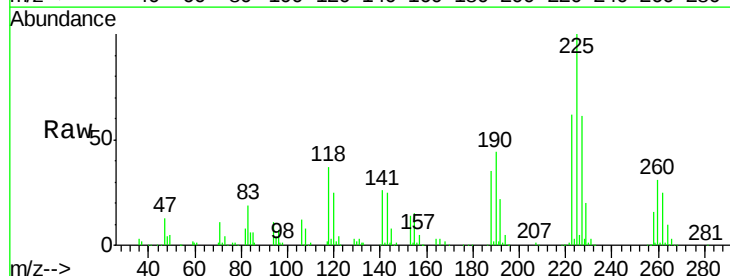
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

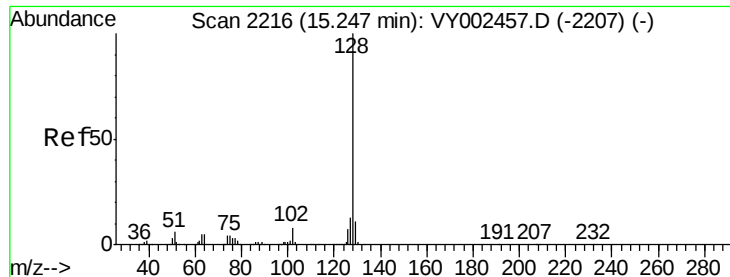
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.7	47.9	143.7
145	28.4	14.2	42.6



#94
 Hexachlorobutadiene
 Concen: 54.812 ug/l
 RT: 15.12 min Scan# 2195
 Delta R.T. -0.00 min
 Lab File: VY002497.D
 Acq: 28 Apr 2020 16:11

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.7	31.1	93.3
227	62.9	31.5	94.5

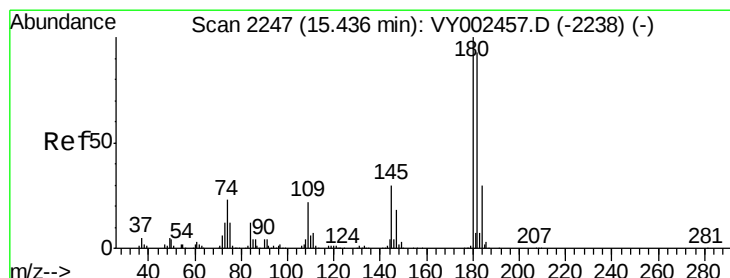
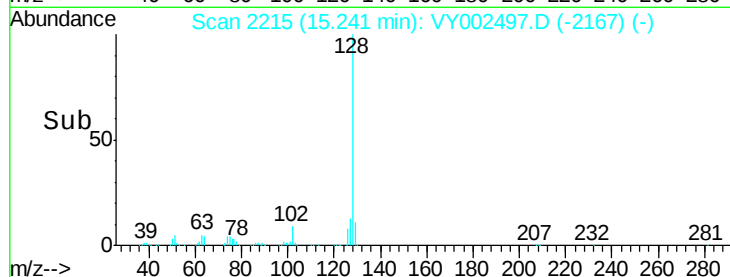
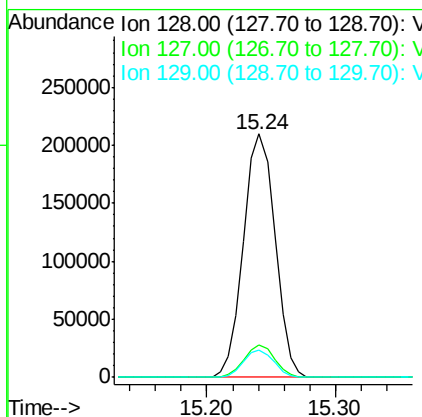
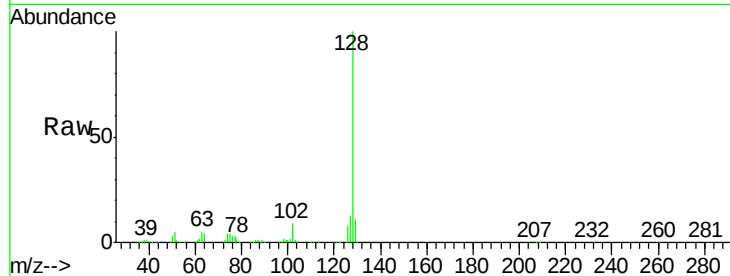




#95
Naphthalene
Concen: 53.938 ug/l
RT: 15.24 min Scan# 2215
Delta R.T. -0.01 min
Lab File: VY002497.D
Acq: 28 Apr 2020 16:11

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 356415
Ion Ratio Lower Upper
128 100
127 13.0 10.5 15.7
129 11.0 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 54.756 ug/l
RT: 15.43 min Scan# 2246
Delta R.T. -0.01 min
Lab File: VY002497.D
Acq: 28 Apr 2020 16:11

Tgt Ion:180 Resp: 165479
Ion Ratio Lower Upper
180 100
182 93.1 47.5 142.6
145 30.2 15.3 45.9

