

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY090420\
 Data File : VY003434.D
 Acq On : 04 Sep 2020 16:04
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Quant Time: Sep 05 00:33:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y090420S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 05 00:29:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	620054	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	1025742	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	922740	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	439191	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.14	65	323703	50.31	ug/l	0.00
Spiked Amount			Recovery	=	100.62%	
35) Dibromofluoromethane	7.72	113	310010	52.33	ug/l	0.00
Spiked Amount			Recovery	=	104.66%	
50) Toluene-d8	10.18	98	1257438	50.30	ug/l	0.00
Spiked Amount			Recovery	=	100.60%	
62) 4-Bromofluorobenzene	12.48	95	424942	50.38	ug/l	0.00
Spiked Amount			Recovery	=	100.76%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.90	85	215812	41.386	ug/l	100
3) Chloromethane	2.11	50	278823	37.276	ug/l	100
4) Vinyl Chloride	2.25	62	271464	43.649	ug/l	100
5) Bromomethane	2.65	94	191066	39.778	ug/l	100
6) Chloroethane	2.79	64	128007	42.755	ug/l	100
7) Trichlorofluoromethane	3.13	101	414944	42.669	ug/l	100
8) Diethyl Ether	3.53	74	183101	45.619	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.90	101	292654	46.350	ug/l	100
10) Methyl Iodide	4.09	142	251344	60.998	ug/l	100
11) Tert butyl alcohol	4.96	59	166605	153.662	ug/l	100
12) 1,1-Dichloroethene	3.87	96	307805	47.690	ug/l	100
13) Acrolein	3.73	56	107396	201.792	ug/l	100
14) Allyl chloride	4.49	41	435087	38.824	ug/l	100
15) Acrylonitrile	5.18	53	485487	228.830	ug/l	100
16) Acetone	3.96	43	353790	190.292	ug/l	100
17) Carbon Disulfide	4.19	76	967014	46.621	ug/l	100
18) Methyl Acetate	4.48	43	189397	38.716	ug/l	100
19) Methyl tert-butyl Ether	5.23	73	809226	46.424	ug/l	100
20) Methylene Chloride	4.72	84	370822	36.818	ug/l	100
21) trans-1,2-Dichloroethene	5.22	96	357904	48.555	ug/l	100
22) Diisopropyl ether	6.12	45	940094	40.800	ug/l	100
23) Vinyl Acetate	6.07	43	3155298	210.763	ug/l	100
24) 1,1-Dichloroethane	6.02	63	549719	43.873	ug/l	100
25) 2-Butanone	6.99	43	750121	251.747	ug/l	100
26) 2,2-Dichloropropane	6.99	77	514252	47.500	ug/l	100
27) cis-1,2-Dichloroethene	6.99	96	404572	49.166	ug/l	100
28) Bromochloromethane	7.34	49	324717	51.616	ug/l	100
29) Tetrahydrofuran	7.35	42	501433	256.574	ug/l	100
30) Chloroform	7.51	83	605661	49.082	ug/l	100
31) Cyclohexane	7.78	56	628500	46.819	ug/l	100
32) 1,1,1-Trichloroethane	7.71	97	516932	49.273	ug/l	100
36) 1,1-Dichloropropene	7.92	75	497953	49.564	ug/l	100
37) Ethyl Acetate	7.08	43	329924	51.567	ug/l	100
38) Carbon Tetrachloride	7.90	117	454173	49.585	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.18	83	657298	50.589	ug/l	100
40) Benzene	8.16	78	1489793	49.735	ug/l	100
41) Methacrylonitrile	7.35	41	443734	125.493	ug/l #	100
42) 1,2-Dichloroethane	8.24	62	393642	49.163	ug/l	100
43) Isopropyl Acetate	8.28	43	599731	51.870	ug/l	100
44) Trichloroethene	8.94	130	395970	49.384	ug/l	100
45) 1,2-Dichloropropane	9.22	63	386686	50.076	ug/l	100
46) Dibromomethane	9.31	93	203944	50.409	ug/l	100
47) Bromodichloromethane	9.50	83	475448	50.302	ug/l	100
48) Methyl methacrylate	9.29	41	277140	51.779	ug/l	100
49) 1,4-Dioxane	9.30	88	58654	1050.420	ug/l	100
51) 4-Methyl-2-Pentanone	10.07	43	1614198	256.854	ug/l	100
52) Toluene	10.24	92	898477	49.413	ug/l	100
53) t-1,3-Dichloropropene	10.46	75	523228	51.534	ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	609013	50.753	ug/l	100
55) 1,1,2-Trichloroethane	10.64	97	296238	50.408	ug/l	100
56) Ethyl methacrylate	10.51	69	428776	53.948	ug/l	100
57) 1,3-Dichloropropane	10.79	76	516754	50.109	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	1103490	257.097	ug/l	100
59) 2-Hexanone	10.83	43	1126606	263.130	ug/l	100
60) Dibromochloromethane	10.98	129	341462	51.422	ug/l	100
61) 1,2-Dibromoethane	11.09	107	278917	50.634	ug/l	100
64) Tetrachloroethene	10.72	164	383192	49.128	ug/l	100
65) Chlorobenzene	11.52	112	960673	49.579	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	335887	49.831	ug/l	100
67) Ethyl Benzene	11.59	91	1732711	50.001	ug/l	100
68) m/p-Xylenes	11.70	106	1302681	99.631	ug/l	100
69) o-Xylene	12.03	106	616268	49.958	ug/l	100
70) Styrene	12.04	104	1045923	51.346	ug/l	100
71) Bromoform	12.20	173	210845	52.416	ug/l #	100
73) Isopropylbenzene	12.33	105	1650433	50.614	ug/l	100
74) N-amyl acetate	12.14	43	532868	52.991	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.58	83	342721	51.710	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	468336	97.145	ug/l #	100
77) Bromobenzene	12.61	156	387658	50.591	ug/l	100
78) n-propylbenzene	12.67	91	2002132	50.309	ug/l	100
79) 2-Chlorotoluene	12.75	91	1105263	50.509	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	1362636	50.545	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	127755	52.003	ug/l	100
82) 4-Chlorotoluene	12.85	91	1165034	49.994	ug/l	100
83) tert-Butylbenzene	13.07	119	1168103	50.570	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	1365050	50.237	ug/l	100
85) sec-Butylbenzene	13.25	105	1678134	50.215	ug/l	100
86) p-Isopropyltoluene	13.36	119	1495941	50.350	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	728140	49.023	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	732105	48.973	ug/l	100
89) n-Butylbenzene	13.69	91	1483020	49.658	ug/l	100
90) Hexachloroethane	13.95	117	273486	50.644	ug/l	100
91) 1,2-Dichlorobenzene	13.73	146	666810	49.325	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	54921	50.370	ug/l	100

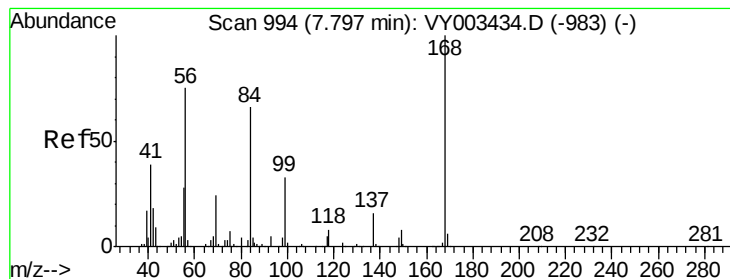
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	449321	49.135	ug/l	100
94) Hexachlorobutadiene	15.11	225	232191	47.433	ug/l	100
95) Naphthalene	15.23	128	995707	52.228	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	397163	48.896	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY003434.D

Acq: 04 Sep 2020 16:04

Instrument :

MSVOA_Y

ClientSampleId :

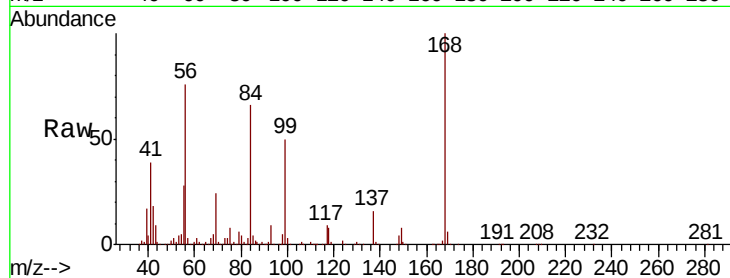
VSTDICCC050

Tot Ion:168 Resp: 620054

Ion Ratio Lower Upper

168 100

99 50.2 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): VY003434.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY003434.D (-983) (-)

7.80

300000

250000

200000

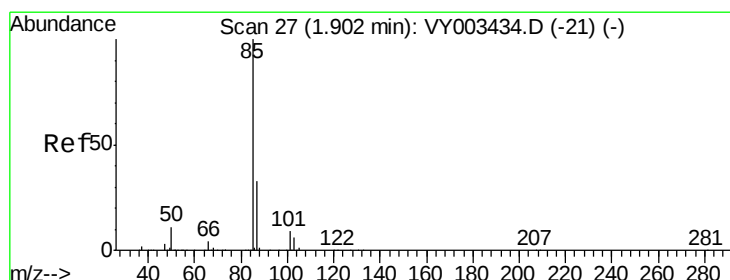
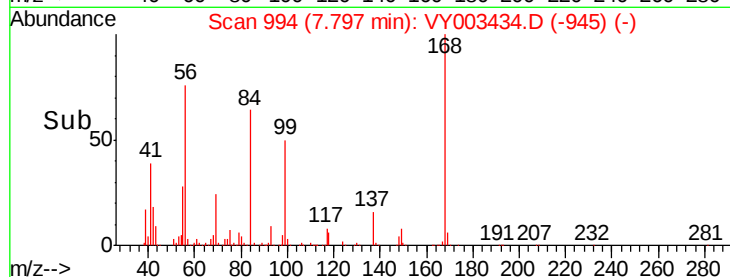
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 41.386 ug/l

RT: 1.90 min Scan# 27

Delta R.T. 0.00 min

Lab File: VY003434.D

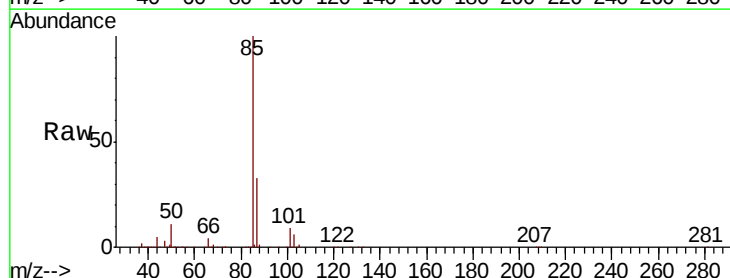
Acq: 04 Sep 2020 16:04

Tgt Ion: 85 Resp: 215812

Ion Ratio Lower Upper

85 100

87 32.6 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VY003434.D (-21) (-)

Ion 86.90 (86.60 to 87.60): VY003434.D (-21) (-)

1.90

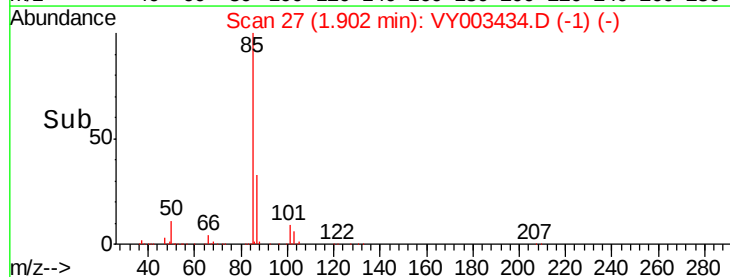
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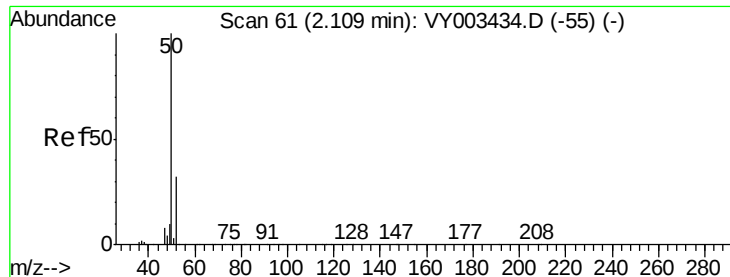
100000

50000

0

Time-->





#3

Chloromethane

Concen: 37.276 ug/l

RT: 2.11 min Scan# 61

Delta R.T. 0.00 min

Lab File: VY003434.D

Acq: 04 Sep 2020 16:04

Instrument :

MSVOA_Y

ClientSampleId :

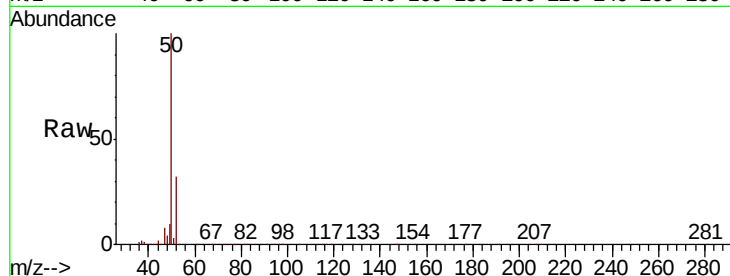
VSTDICCC050

Tot Ion: 50 Resp: 278823

Ion Ratio Lower Upper

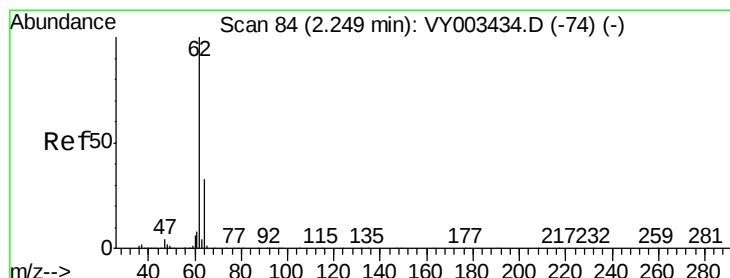
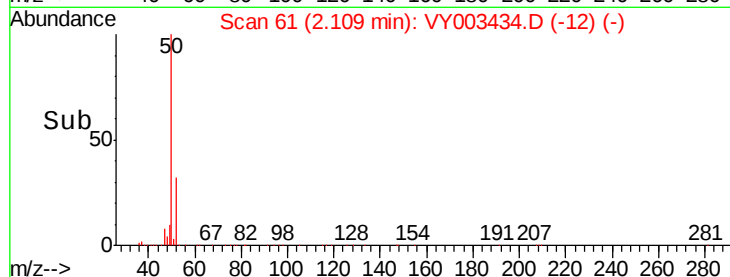
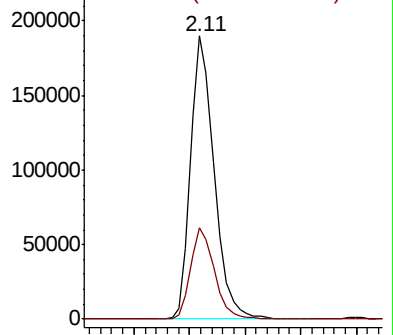
50 100

52 32.4 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 43.649 ug/l

RT: 2.25 min Scan# 84

Delta R.T. 0.00 min

Lab File: VY003434.D

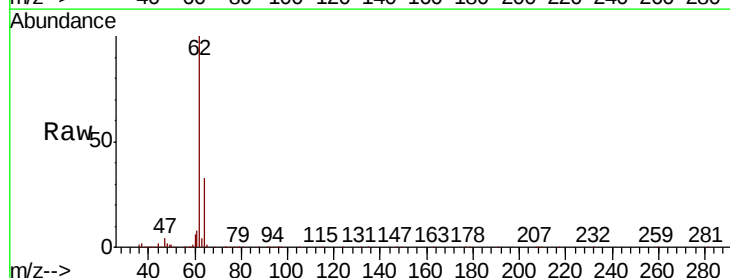
Acq: 04 Sep 2020 16:04

Tgt Ion: 62 Resp: 271464

Ion Ratio Lower Upper

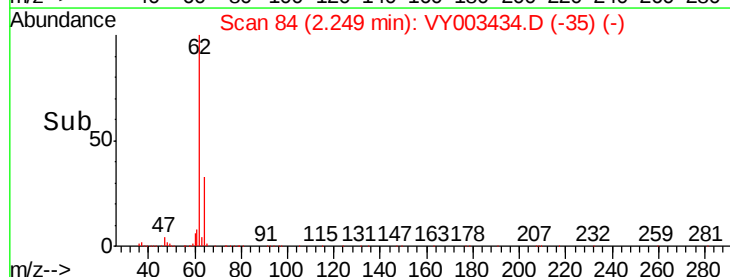
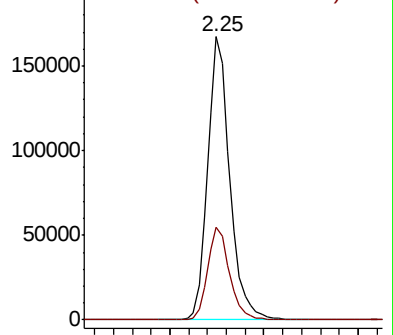
62 100

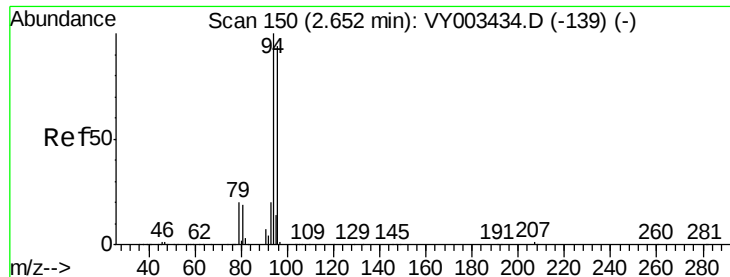
64 32.6 26.1 39.1



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 39.778 ug/l

RT: 2.65 min Scan# 150

Delta R.T. 0.00 min

Lab File: VY003434.D

Acq: 04 Sep 2020 16:04

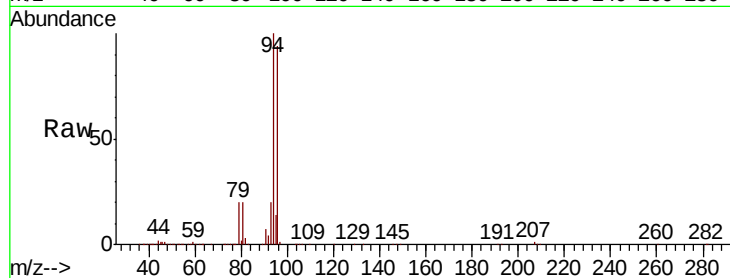
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion: 94 Resp: 191066

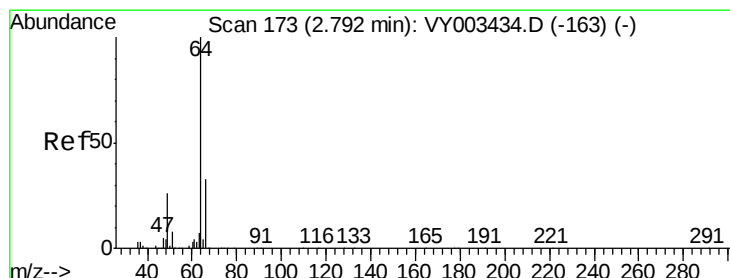
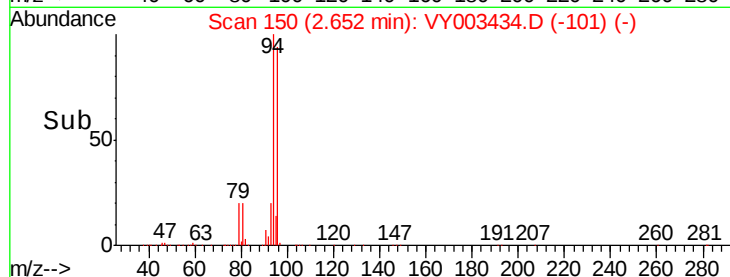
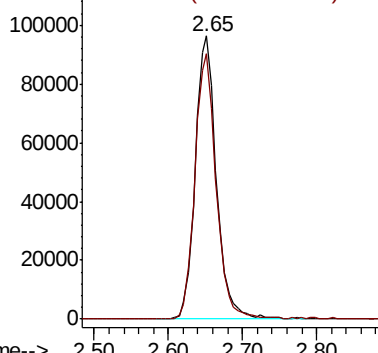
Ion Ratio Lower Upper

94 100

96 93.8 75.0 112.6



Abundance Ion 93.90 (93.60 to 94.60): VY0
Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 42.755 ug/l

RT: 2.79 min Scan# 173

Delta R.T. 0.00 min

Lab File: VY003434.D

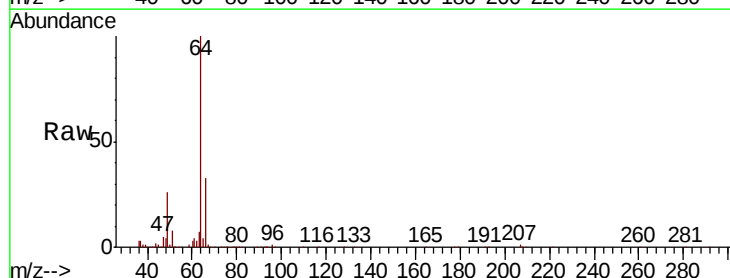
Acq: 04 Sep 2020 16:04

Tgt Ion: 64 Resp: 128007

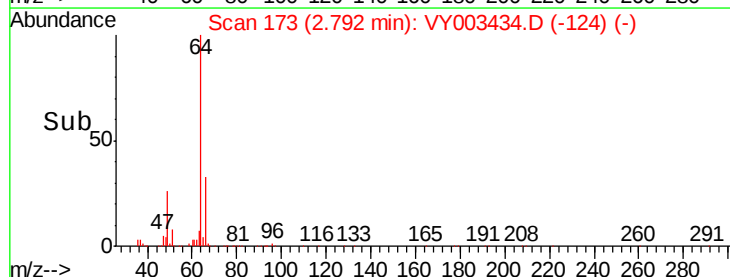
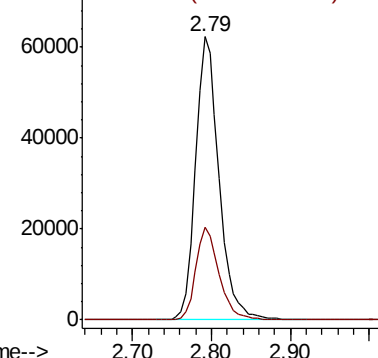
Ion Ratio Lower Upper

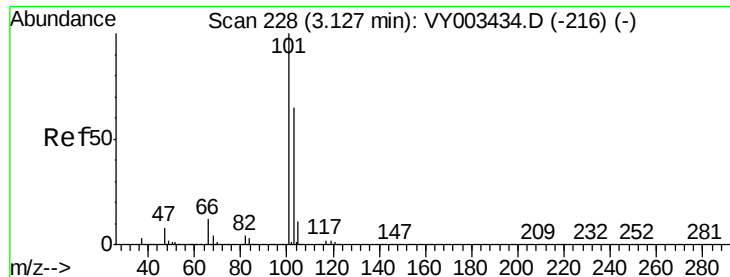
64 100

66 32.9 26.3 39.5



Abundance Ion 63.90 (63.60 to 64.60): VY0
Ion 65.90 (65.60 to 66.60): VY0



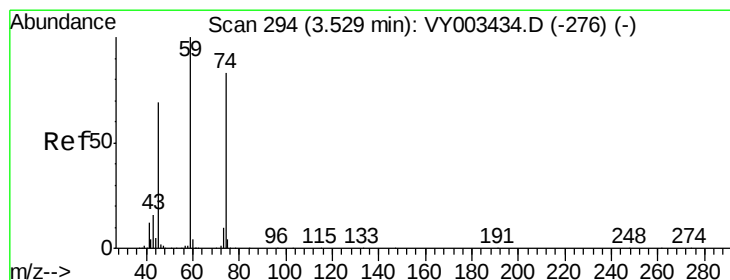
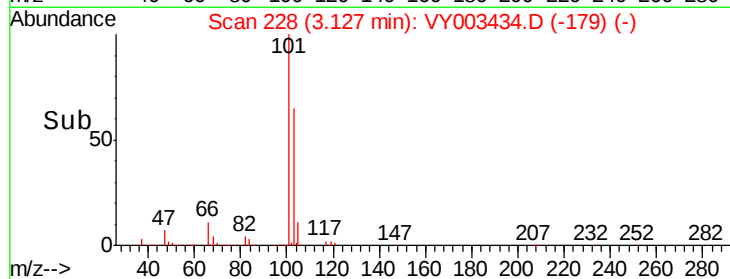
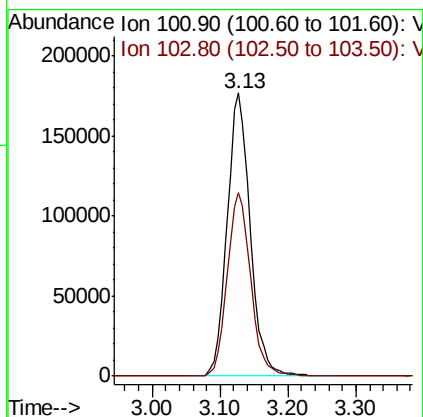
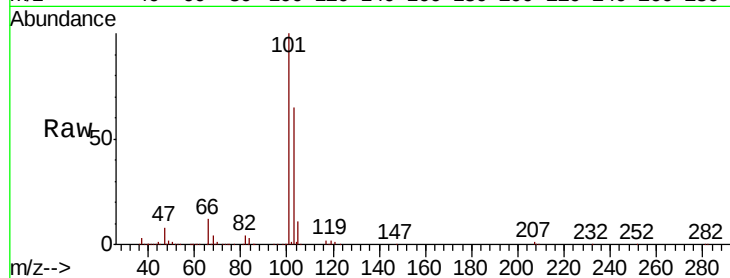


#7

Trichlorofluoromethane
Concen: 42.669 ug/l
RT: 3.13 min Scan# 228
Delta R.T. 0.00 min
Lab File: VY003434.D
Acq: 04 Sep 2020 16:04

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

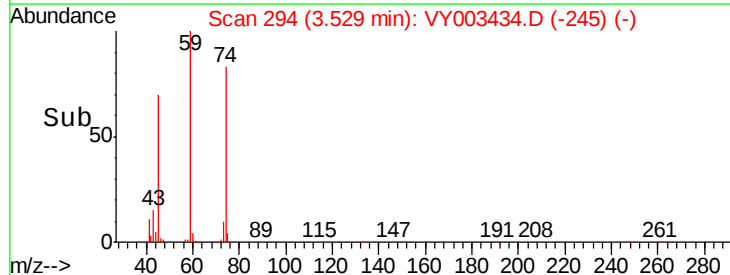
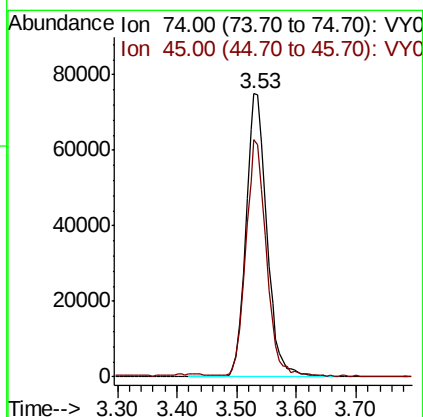
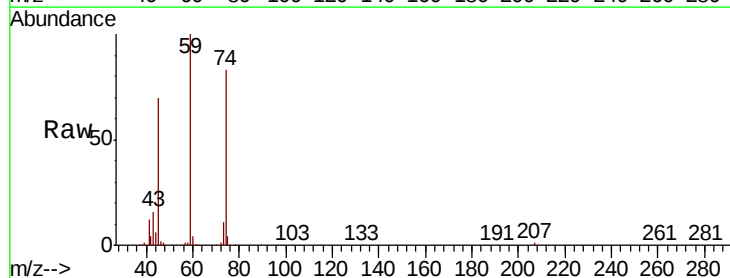
Tot Ion:101 Resp: 414944
Ion Ratio Lower Upper
101 100
103 64.6 51.7 77.5

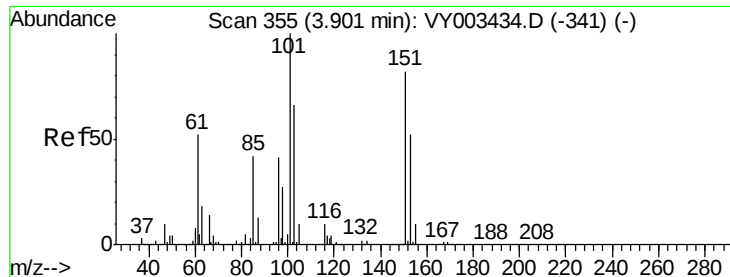


#8

Diethyl Ether
Concen: 45.619 ug/l
RT: 3.53 min Scan# 294
Delta R.T. 0.00 min
Lab File: VY003434.D
Acq: 04 Sep 2020 16:04

Tgt Ion: 74 Resp: 183101
Ion Ratio Lower Upper
74 100
45 81.3 40.6 122.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.350 ug/l

RT: 3.90 min Scan# 355

Delta R.T. 0.00 min

Lab File: VY003434.D

Acq: 04 Sep 2020 16:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

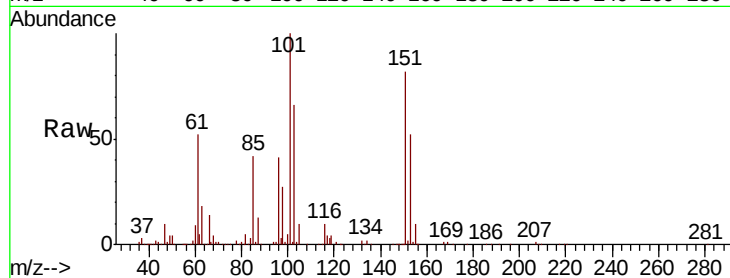
Tot Ion:101 Resp: 292654

Ion Ratio Lower Upper

101 100

85 41.4 33.1 49.7

151 81.5 65.2 97.8

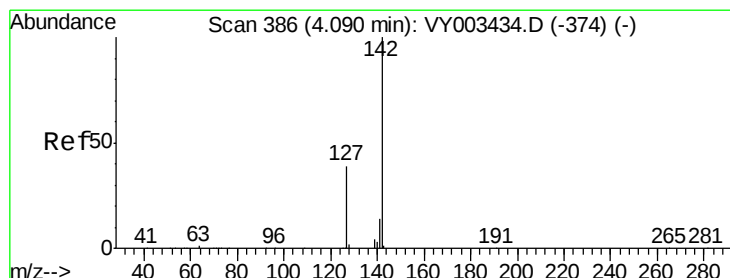
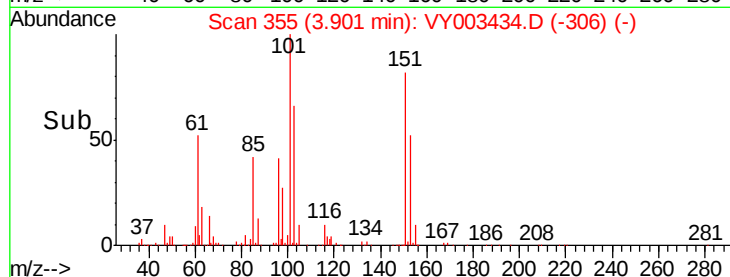
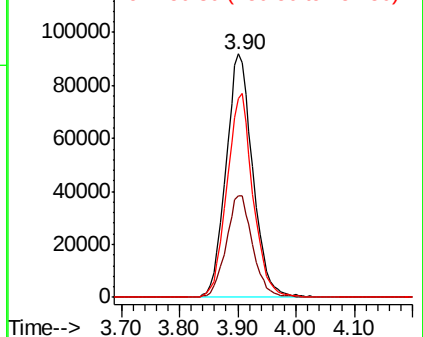


Abundance

Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 60.998 ug/l

RT: 4.09 min Scan# 386

Delta R.T. 0.00 min

Lab File: VY003434.D

Acq: 04 Sep 2020 16:04

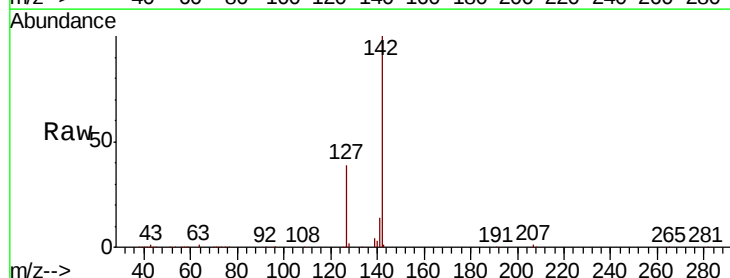
Tgt Ion:142 Resp: 251344

Ion Ratio Lower Upper

142 100

127 38.1 30.5 45.7

141 14.3 11.4 17.2

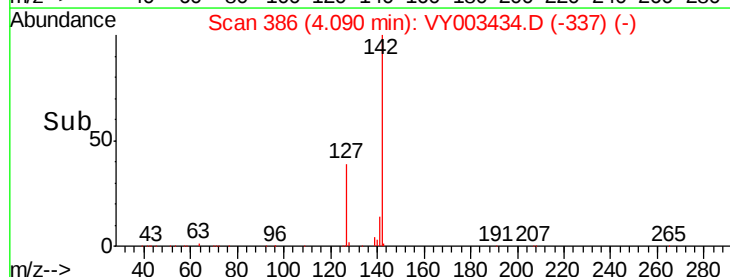
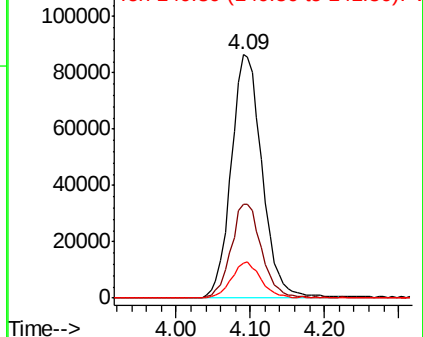


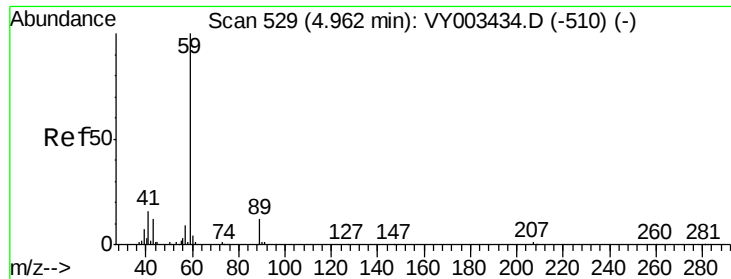
Abundance

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

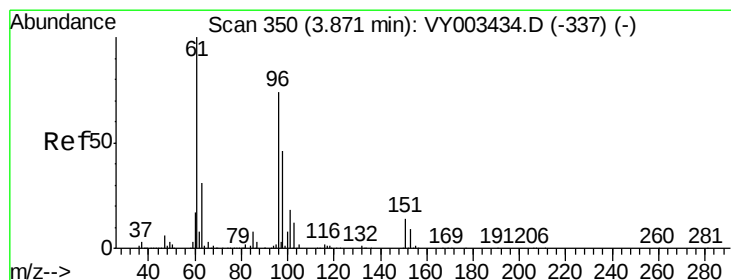
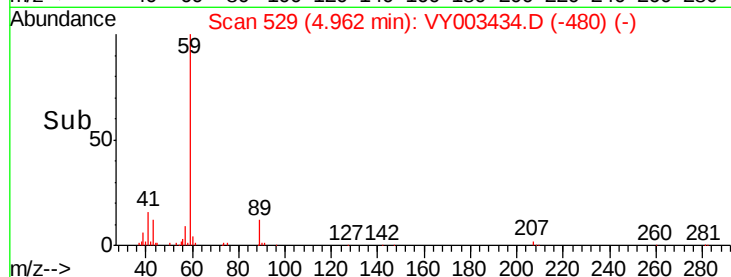
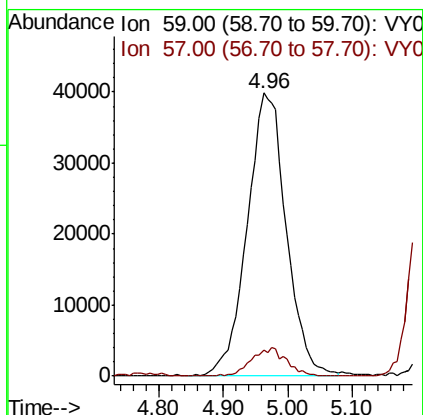
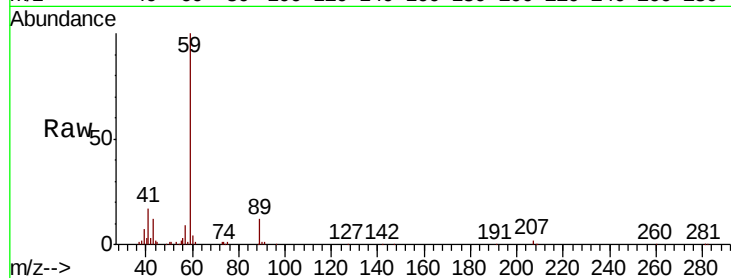




#11
Tert butyl alcohol
Concen: 153.662 ug/l
RT: 4.96 min Scan# 529
Delta R.T. 0.00 min
Lab File: VY003434.D
Acq: 04 Sep 2020 16:04

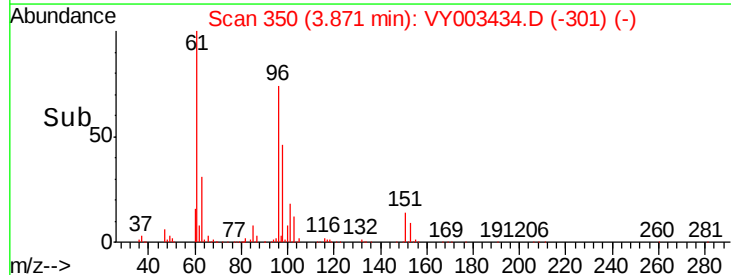
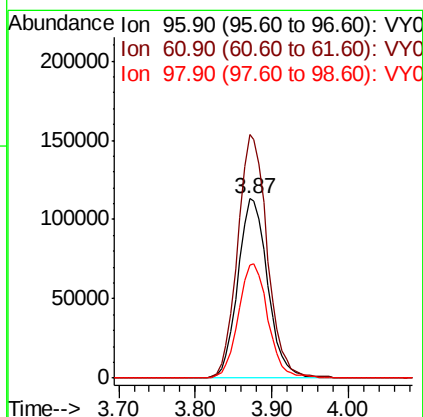
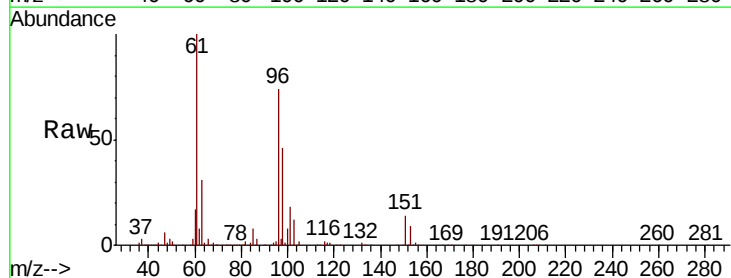
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

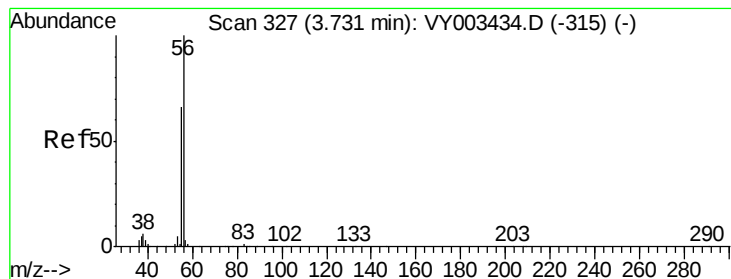
Tot Ion: 59 Resp: 166605
Ion Ratio Lower Upper
59 100
57 9.2 7.4 11.0



#12
1,1-Dichloroethene
Concen: 47.690 ug/l
RT: 3.87 min Scan# 350
Delta R.T. 0.00 min
Lab File: VY003434.D
Acq: 04 Sep 2020 16:04

Tgt Ion: 96 Resp: 307805
Ion Ratio Lower Upper
96 100
61 135.8 108.6 163.0
98 63.1 50.5 75.7





#13

Acrolein

Concen: 201.792 ug/l

RT: 3.73 min Scan# 327

Delta R.T. 0.00 min

Lab File: VY003434.D

Acq: 04 Sep 2020 16:04

Instrument :

MSVOA_Y

ClientSampleId :

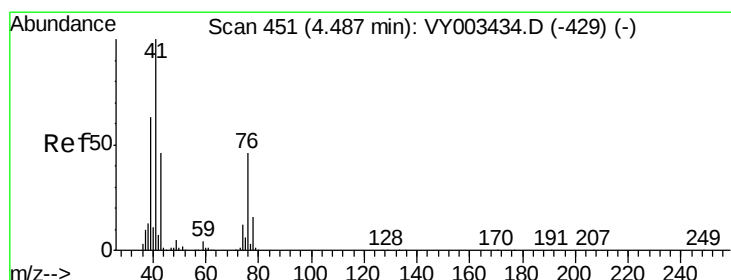
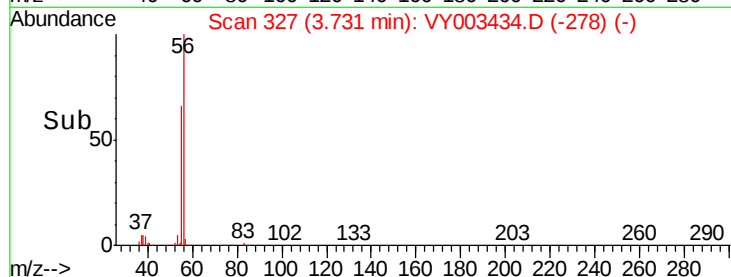
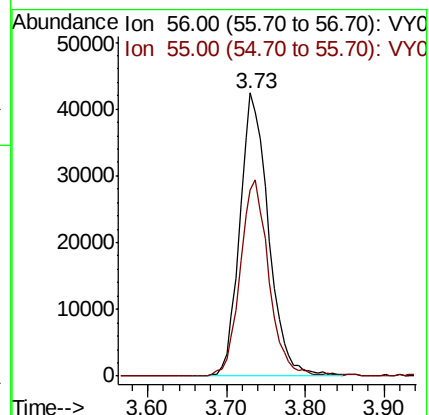
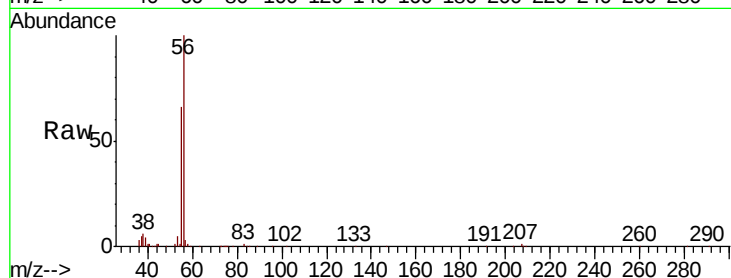
VSTDICCC050

Tot Ion: 56 Resp: 107396

Ion Ratio Lower Upper

56 100

55 69.0 55.2 82.8



#14

Allyl chloride

Concen: 38.824 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.00 min

Lab File: VY003434.D

Acq: 04 Sep 2020 16:04

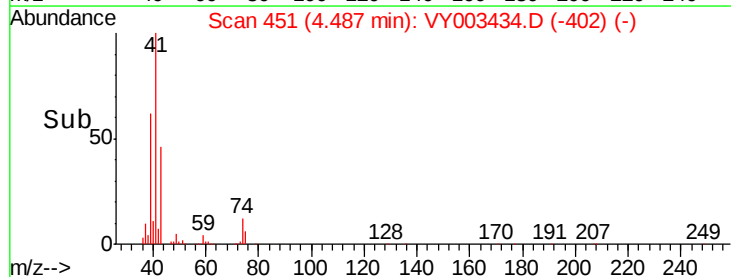
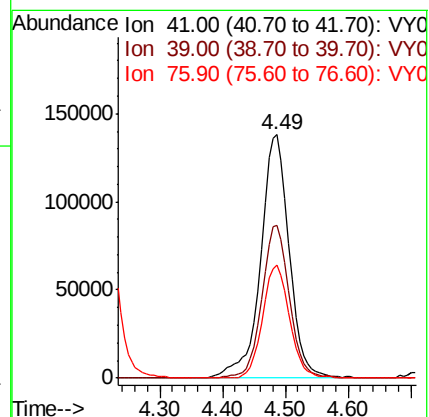
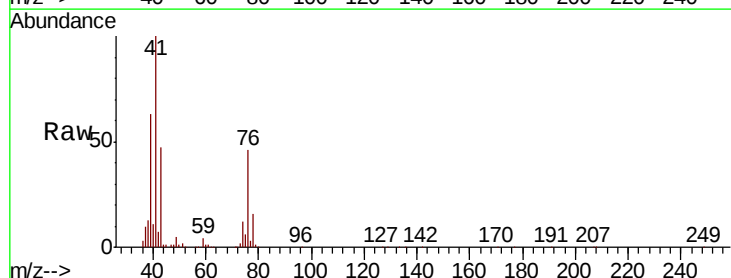
Tgt Ion: 41 Resp: 435087

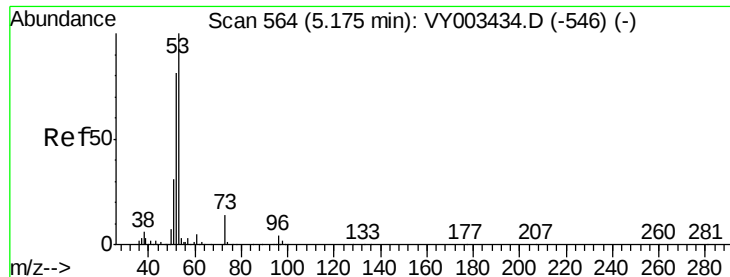
Ion Ratio Lower Upper

41 100

39 60.3 48.2 72.4

76 43.9 35.1 52.7





#15

Acrylonitrile

Concen: 228.830 ug/l

RT: 5.18 min Scan# 564

Delta R.T. 0.00 min

Lab File: VY003434.D

Acq: 04 Sep 2020 16:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

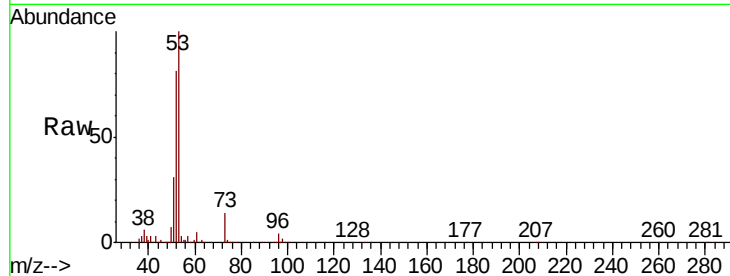
Tot Ion: 53 Resp: 485487

Ion Ratio Lower Upper

53 100

52 80.6 64.5 96.7

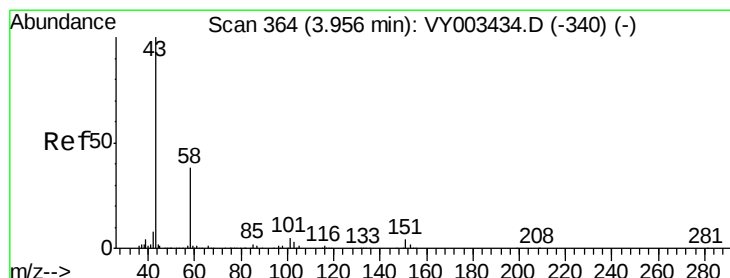
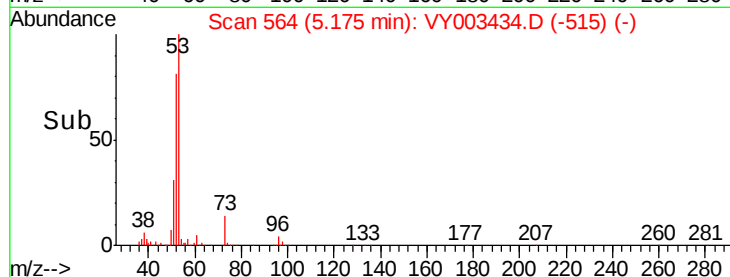
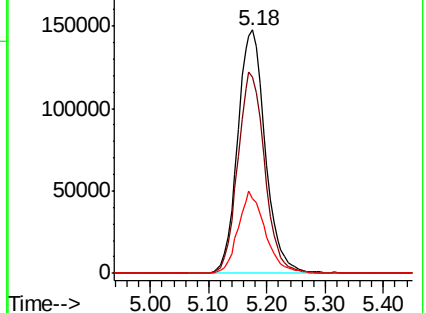
51 33.2 26.6 39.8



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: 190.292 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.00 min

Lab File: VY003434.D

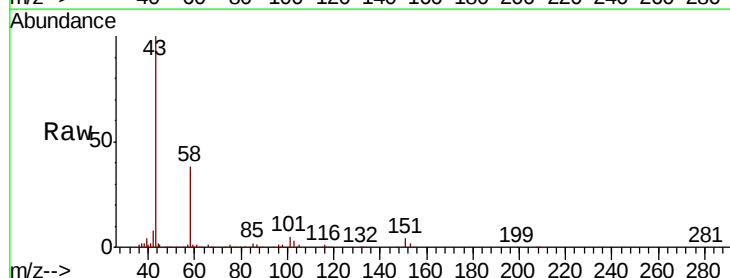
Acq: 04 Sep 2020 16:04

Tgt Ion: 43 Resp: 353790

Ion Ratio Lower Upper

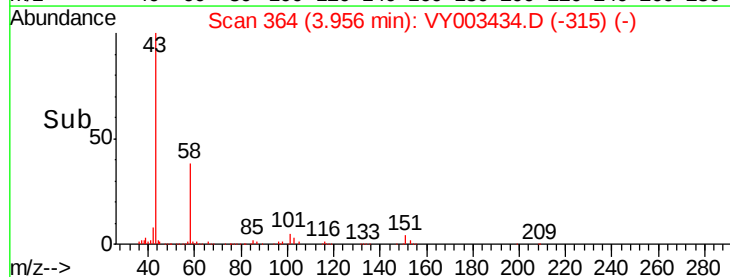
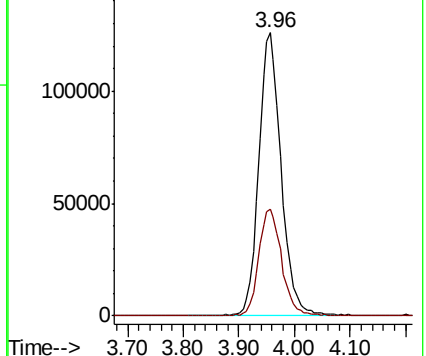
43 100

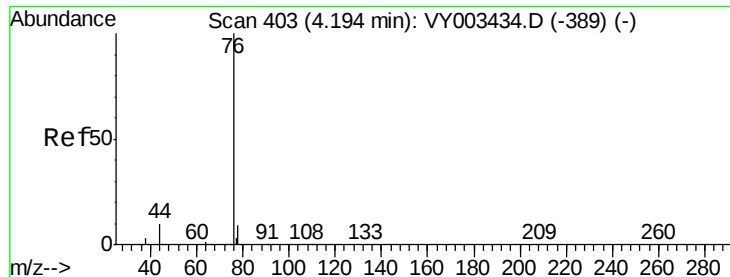
58 37.4 29.9 44.9



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

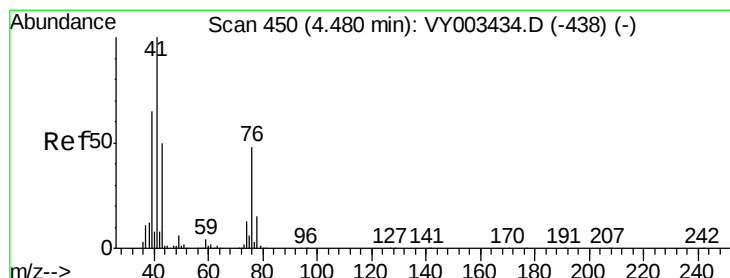
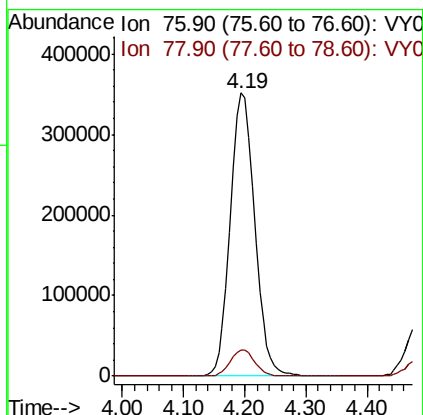
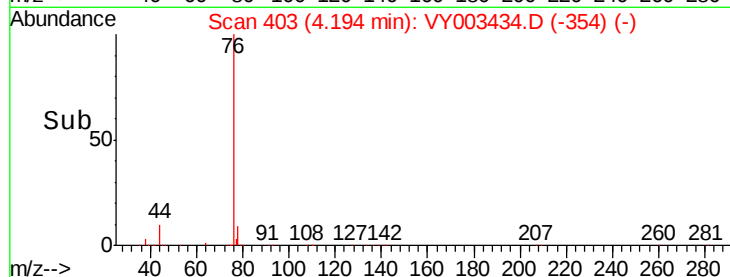
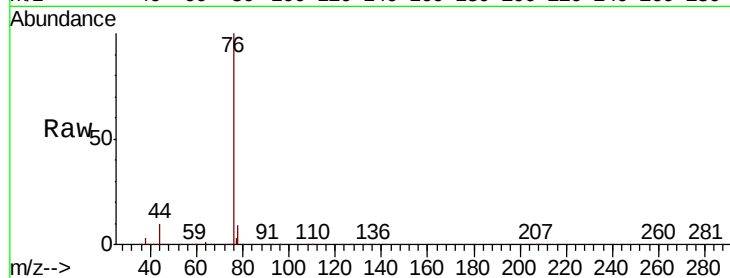




#17
Carbon Disulfide
Concen: 46.621 ug/l
RT: 4.19 min Scan# 403
Delta R.T. 0.00 min
Lab File: VY003434.D
Acq: 04 Sep 2020 16:04

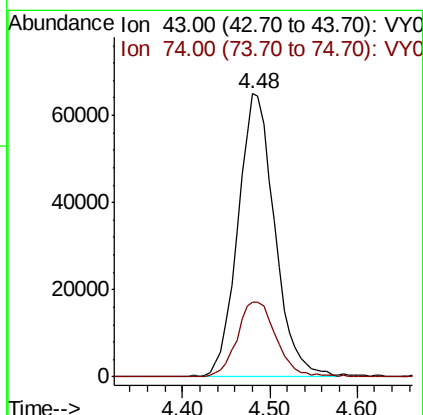
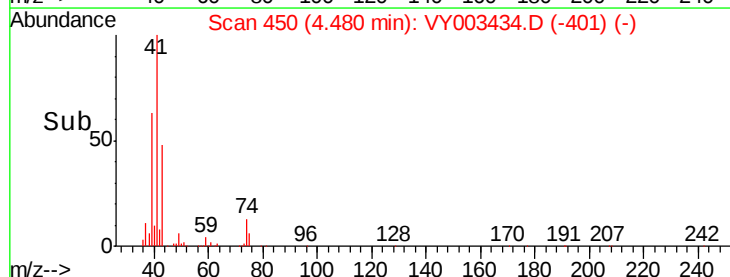
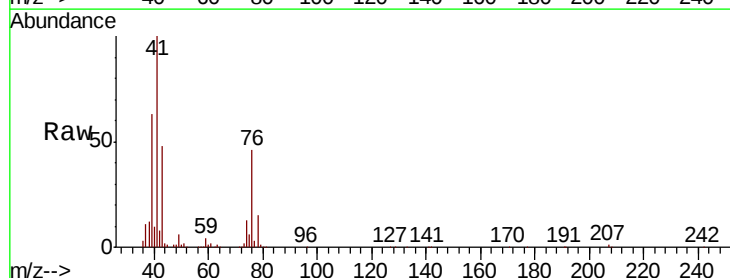
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

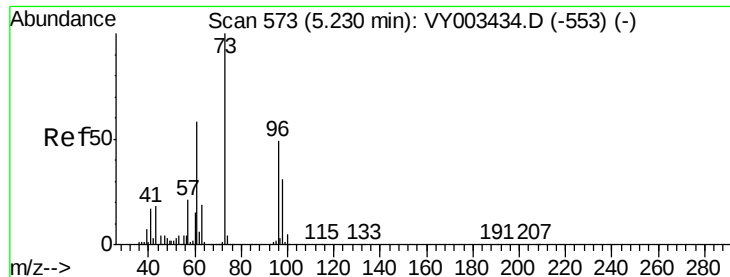
Tot Ion: 76 Resp: 967014
Ion Ratio Lower Upper
76 100
78 9.4 7.5 11.3



#18
Methyl Acetate
Concen: 38.716 ug/l
RT: 4.48 min Scan# 450
Delta R.T. 0.00 min
Lab File: VY003434.D
Acq: 04 Sep 2020 16:04

Tgt Ion: 43 Resp: 189397
Ion Ratio Lower Upper
43 100
74 28.4 22.7 34.1



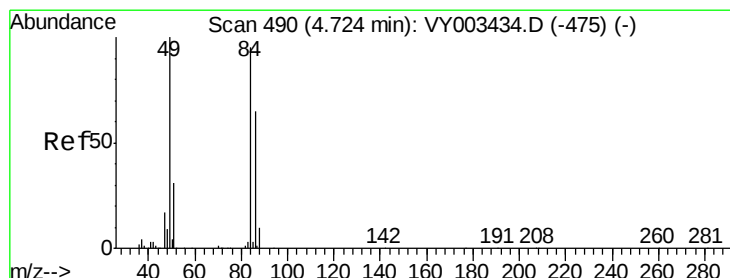
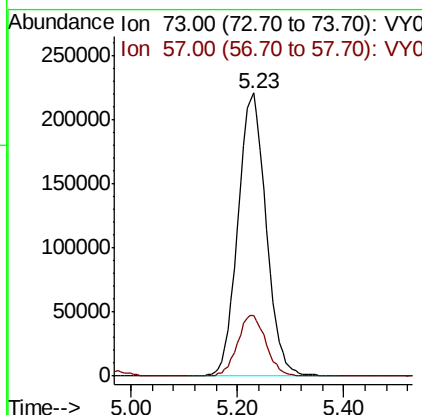
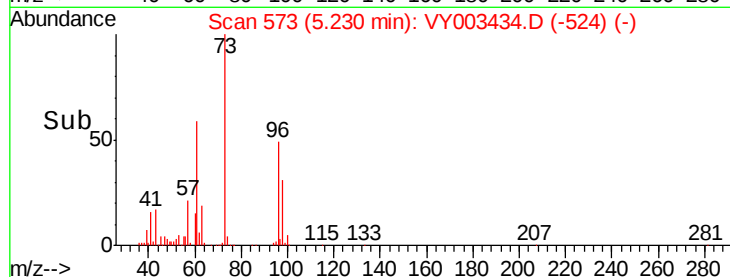
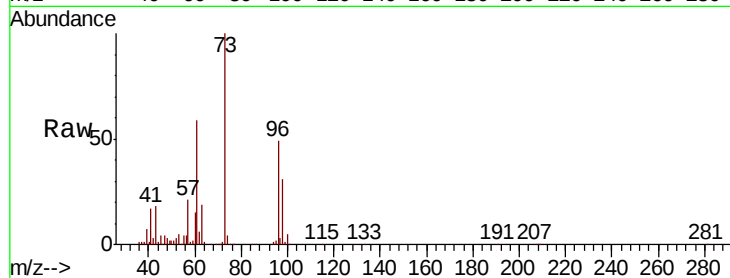


#19

Methyl tert-butyl Ether
 Concen: 46.424 ug/l
 RT: 5.23 min Scan# 573
 Delta R.T. 0.00 min
 Lab File: VY003434.D
 Acq: 04 Sep 2020 16:04

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

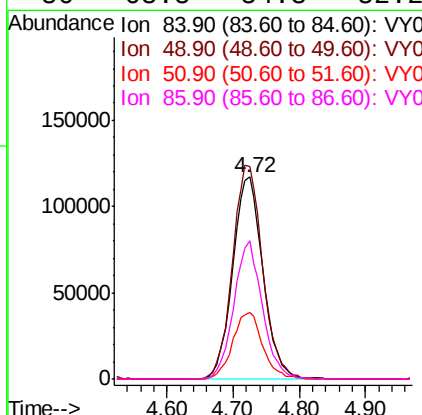
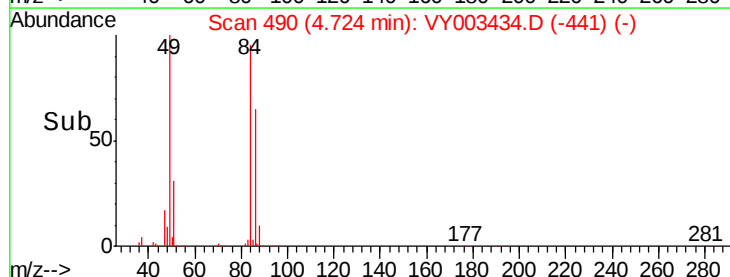
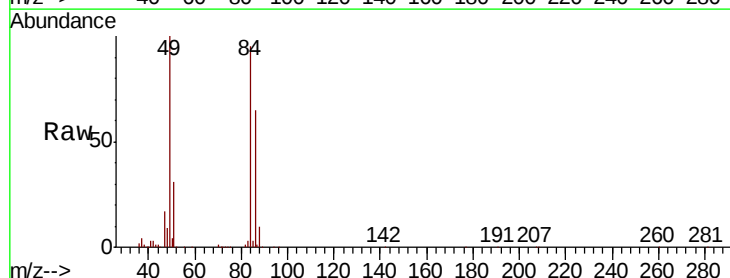
Tot Ion: 73 Resp: 809226
 Ion Ratio Lower Upper
 73 100
 57 21.3 17.0 25.6

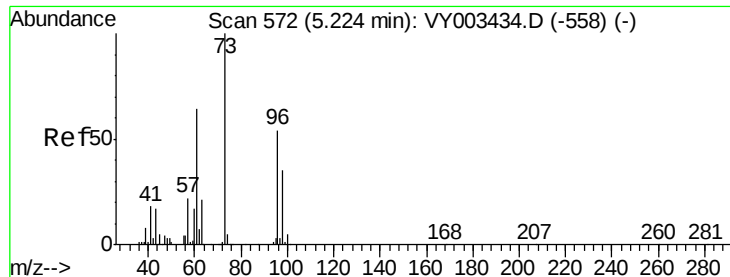


#20

Methylene Chloride
 Concen: 36.818 ug/l
 RT: 4.72 min Scan# 490
 Delta R.T. 0.00 min
 Lab File: VY003434.D
 Acq: 04 Sep 2020 16:04

Tgt Ion: 84 Resp: 370822
 Ion Ratio Lower Upper
 84 100
 49 104.9 83.9 125.9
 51 32.9 26.3 39.5
 86 68.5 54.8 82.2





#21

trans-1,2-Dichloroethene

Concen: 48.555 ug/l

RT: 5.22 min Scan# 572

Delta R.T. 0.00 min

Lab File: VY003434.D

Acq: 04 Sep 2020 16:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

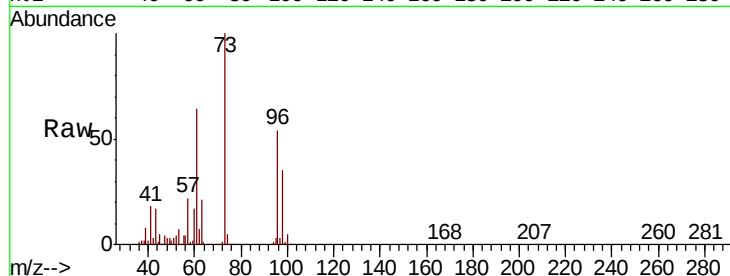
Tot Ion: 96 Resp: 357904

Ion Ratio Lower Upper

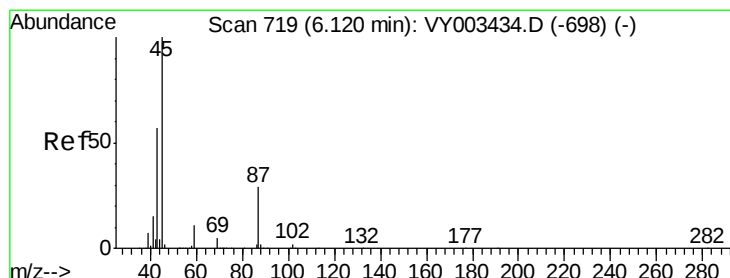
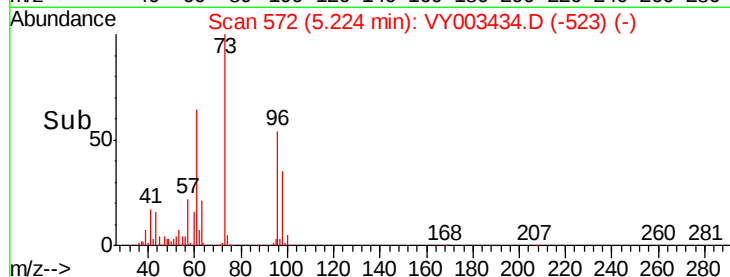
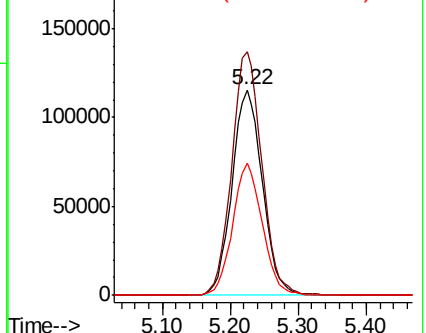
96 100

61 118.5 94.8 142.2

98 64.1 51.3 76.9



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: 40.800 ug/l

RT: 6.12 min Scan# 719

Delta R.T. 0.00 min

Lab File: VY003434.D

Acq: 04 Sep 2020 16:04

Tgt Ion: 45 Resp: 940094

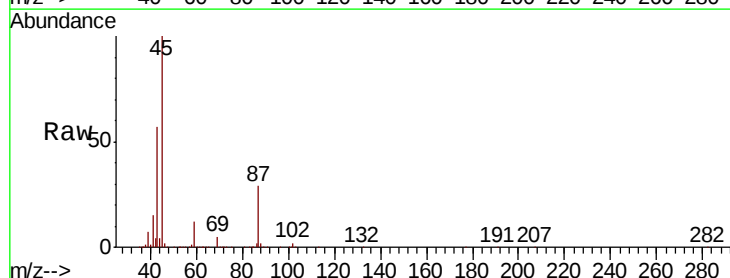
Ion Ratio Lower Upper

45 100

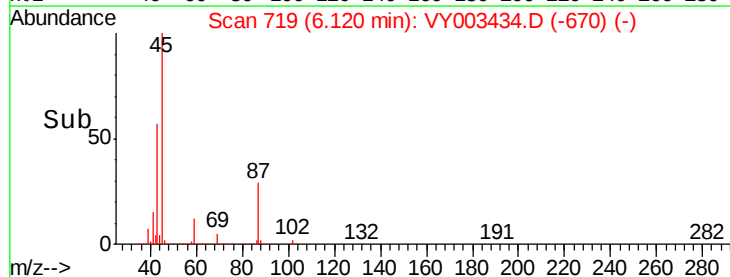
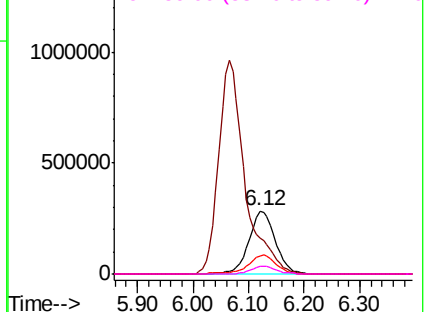
43 56.5 45.2 67.8

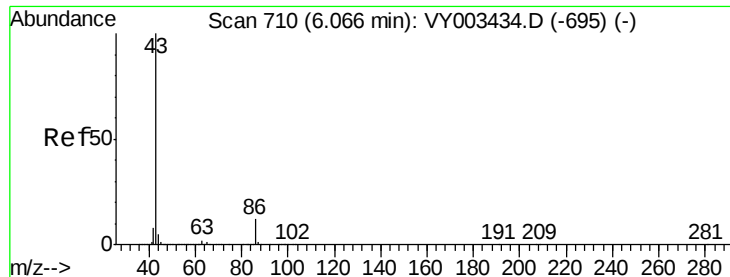
87 29.2 23.4 35.0

59 11.5 9.2 13.8



Abundance Ion 45.00 (44.70 to 45.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 87.00 (86.70 to 87.70): VY0
Ion 59.00 (58.70 to 59.70): VY0





#23

Vinyl Acetate

Concen: 210.763 ug/l

RT: 6.07 min Scan# 710

Delta R.T. 0.00 min

Lab File: VY003434.D

Acq: 04 Sep 2020 16:04

Instrument :

MSVOA_Y

ClientSampleId :

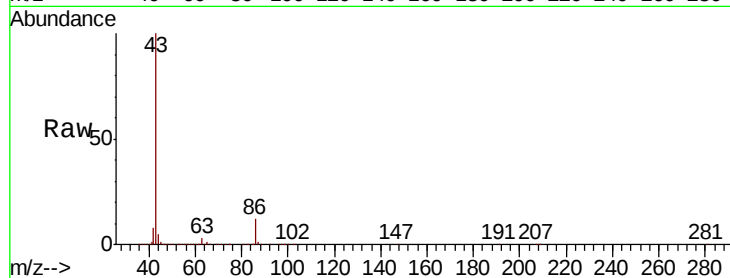
VSTDICCC050

Tot Ion: 43 Resp: 3155298

Ion Ratio Lower Upper

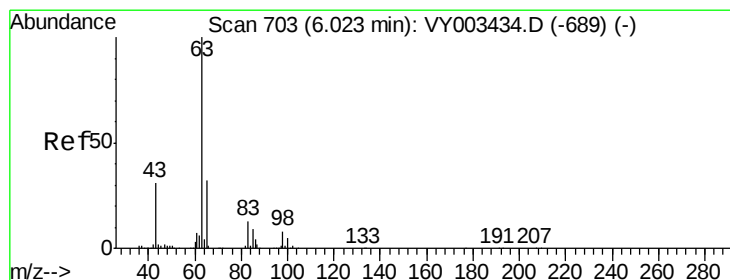
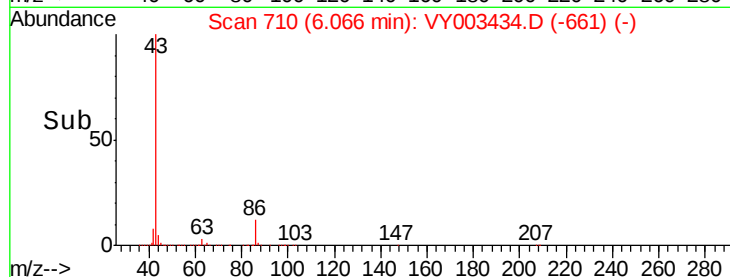
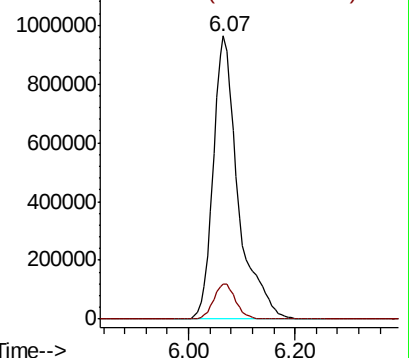
43 100

86 12.4 9.9 14.9



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 43.873 ug/l

RT: 6.02 min Scan# 703

Delta R.T. 0.00 min

Lab File: VY003434.D

Acq: 04 Sep 2020 16:04

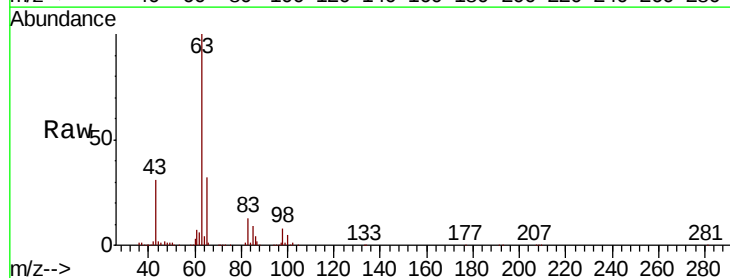
Tgt Ion: 63 Resp: 549719

Ion Ratio Lower Upper

63 100

98 7.5 3.8 11.2

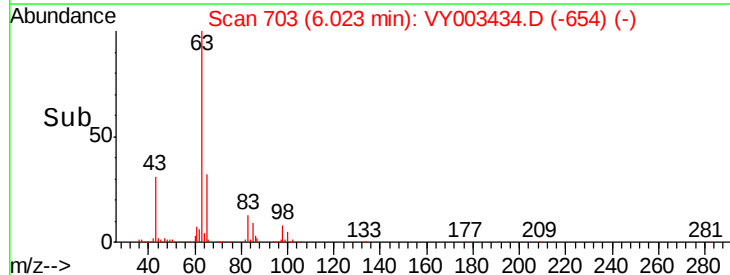
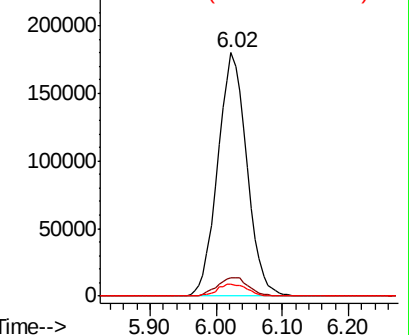
100 4.8 2.4 7.2

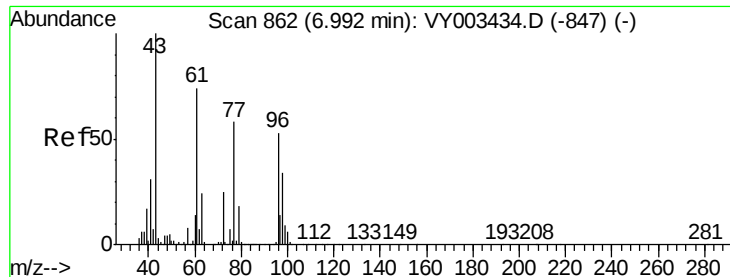


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0

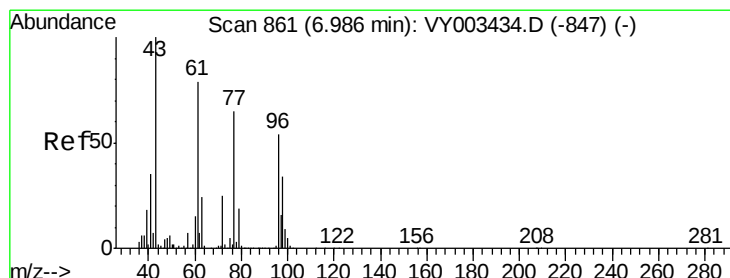
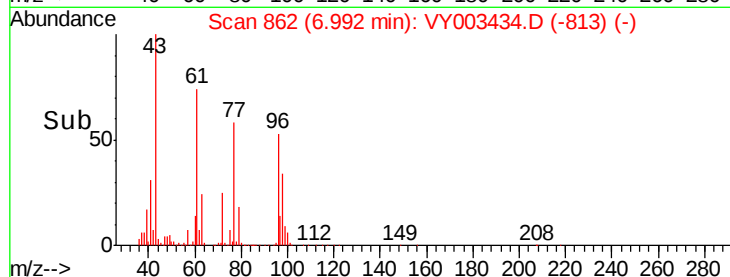
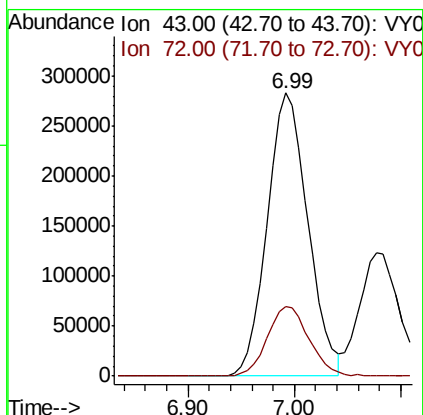
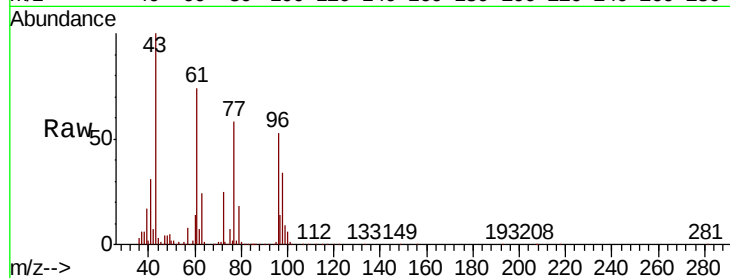




#25
2-Butanone
Concen: 251.747 ug/l
RT: 6.99 min Scan# 862
Delta R.T. 0.00 min
Lab File: VY003434.D
Acq: 04 Sep 2020 16:04

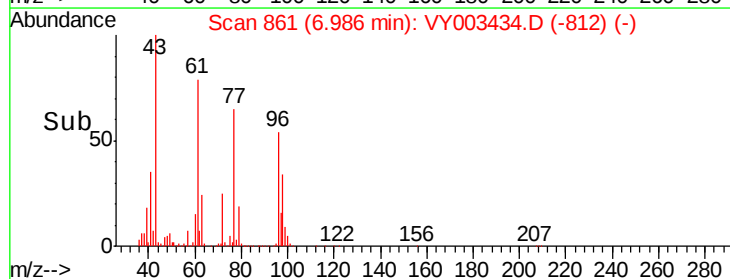
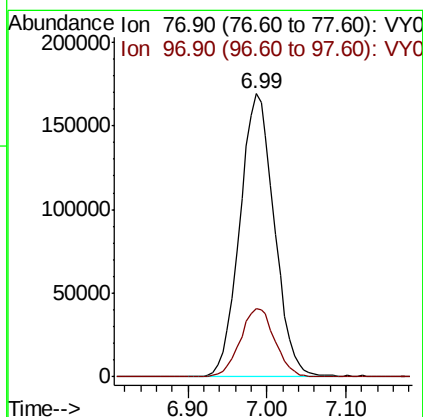
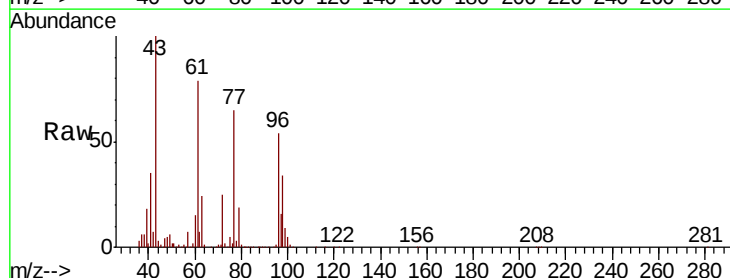
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

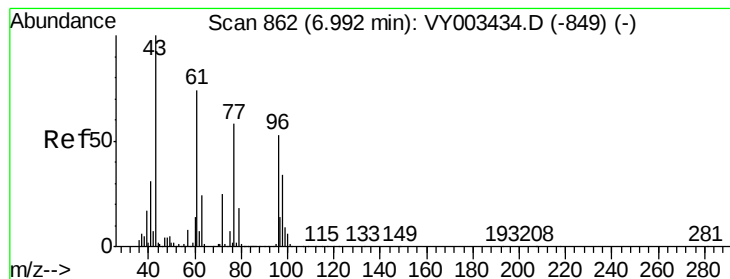
Tot Ion: 43 Resp: 750121
Ion Ratio Lower Upper
43 100
72 24.7 19.8 29.6



#26
2,2-Dichloropropane
Concen: 47.500 ug/l
RT: 6.99 min Scan# 861
Delta R.T. 0.00 min
Lab File: VY003434.D
Acq: 04 Sep 2020 16:04

Tgt Ion: 77 Resp: 514252
Ion Ratio Lower Upper
77 100
97 24.2 12.1 36.3



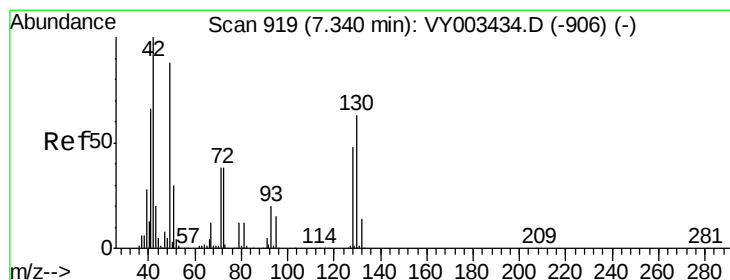
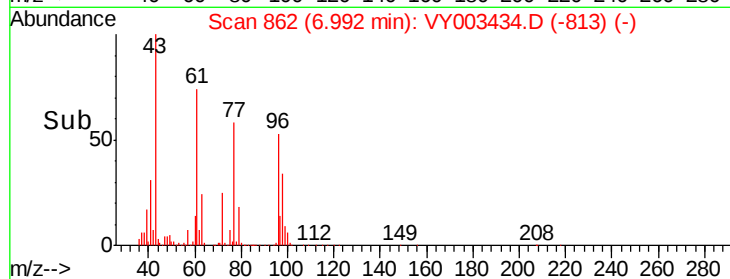
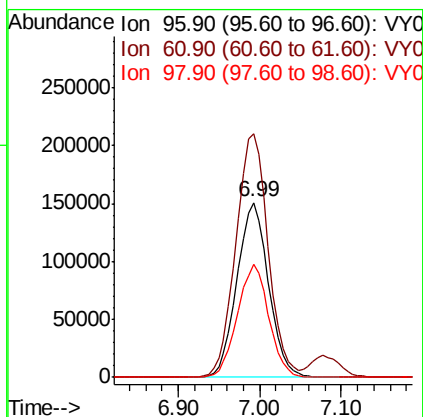
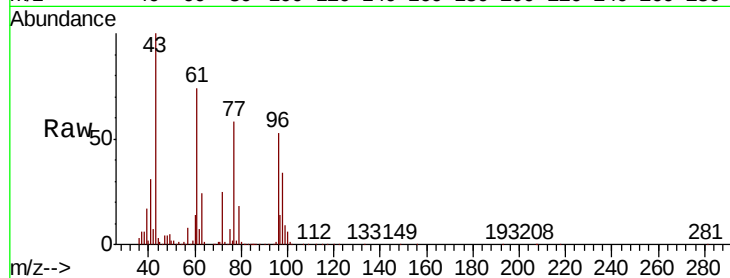


#27

cis-1,2-Dichloroethene
 Concen: 49.166 ug/l
 RT: 6.99 min Scan# 862
 Delta R.T. 0.00 min
 Lab File: VY003434.D
 Acq: 04 Sep 2020 16:04

Instrument :
 MSVOA_Y
 ClientSampled :
 VSTDICCC050

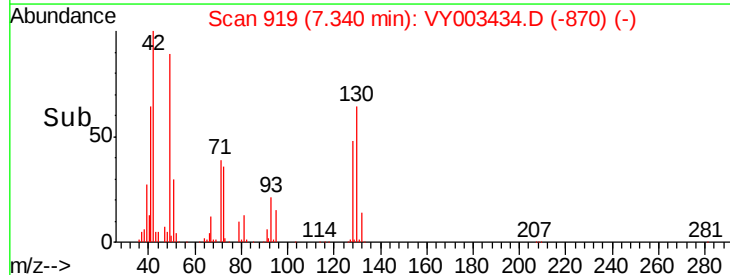
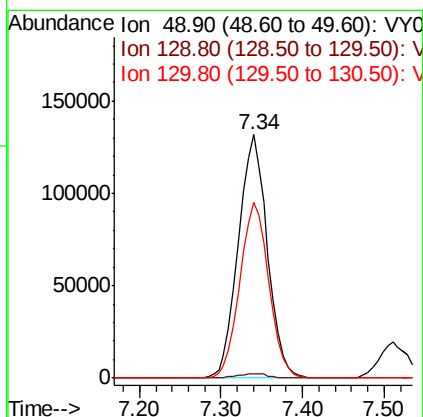
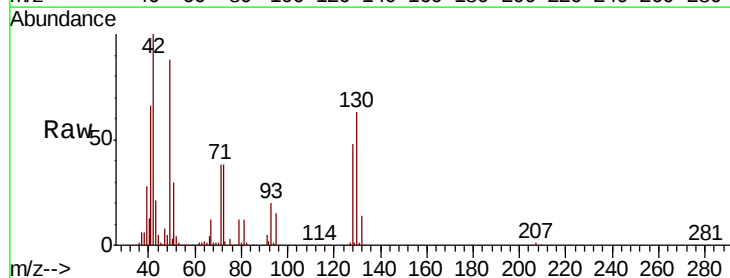
Tot Ion	96	Resp	404572
Ion Ratio	Lower	Upper	
96	100		
61	142.5	0.0	285.0
98	64.3	0.0	128.6

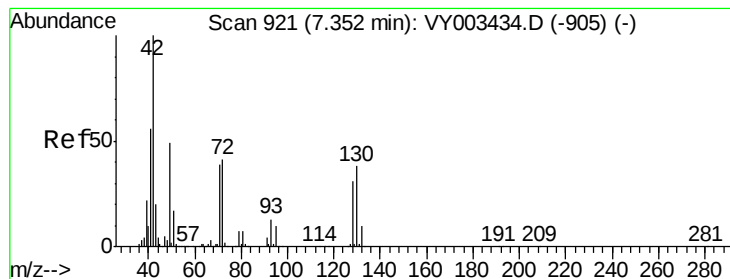


#28

Bromochloromethane
 Concen: 51.616 ug/l
 RT: 7.34 min Scan# 919
 Delta R.T. 0.00 min
 Lab File: VY003434.D
 Acq: 04 Sep 2020 16:04

Tgt Ion	49	Resp	324717
Ion Ratio	Lower	Upper	
49	100		
129	1.9	0.0	3.8
130	72.3	57.8	86.8





#29

Tetrahydrofuran

Concen: 256.574 ug/l

RT: 7.35 min Scan# 921

Delta R.T. 0.00 min

Lab File: VY003434.D

Acq: 04 Sep 2020 16:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

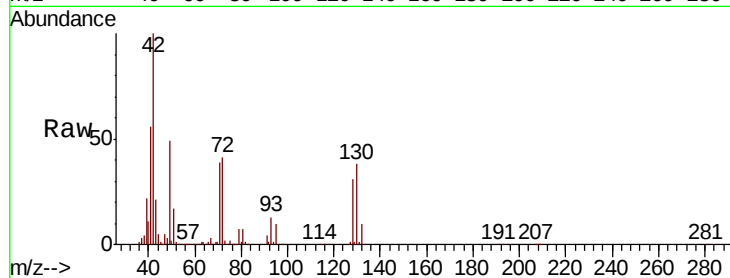
Tot Ion: 42 Resp: 501433

Ion Ratio Lower Upper

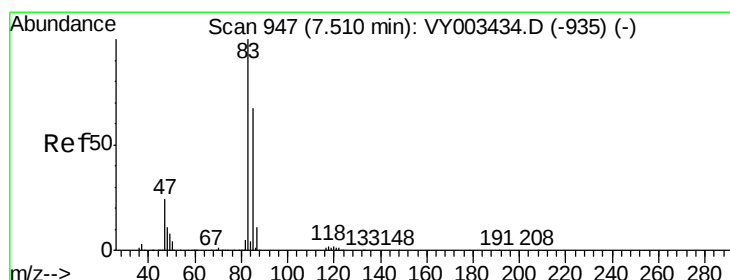
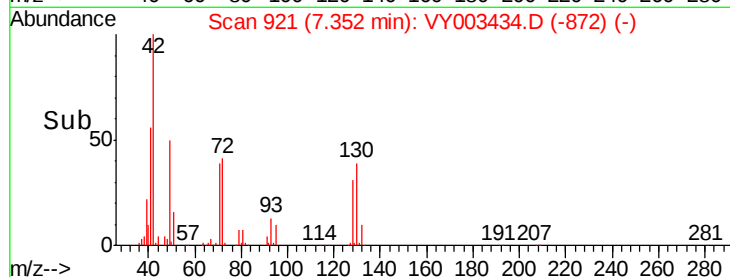
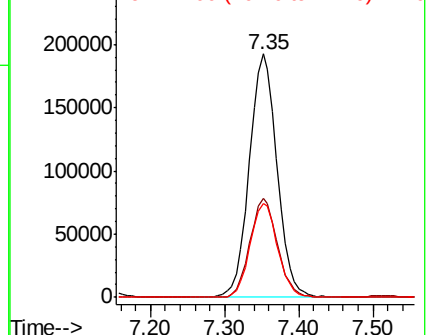
42 100

72 40.5 32.4 48.6

71 38.4 30.7 46.1



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: 49.082 ug/l

RT: 7.51 min Scan# 947

Delta R.T. 0.00 min

Lab File: VY003434.D

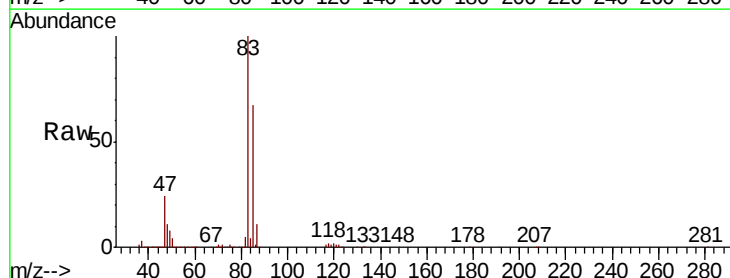
Acq: 04 Sep 2020 16:04

Tgt Ion: 83 Resp: 605661

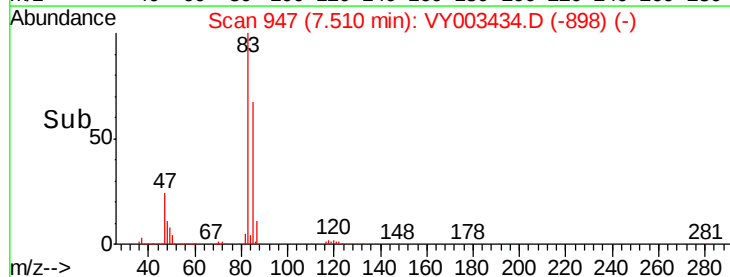
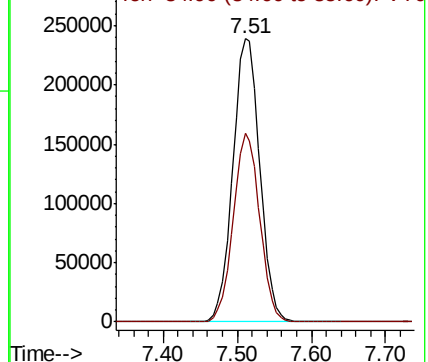
Ion Ratio Lower Upper

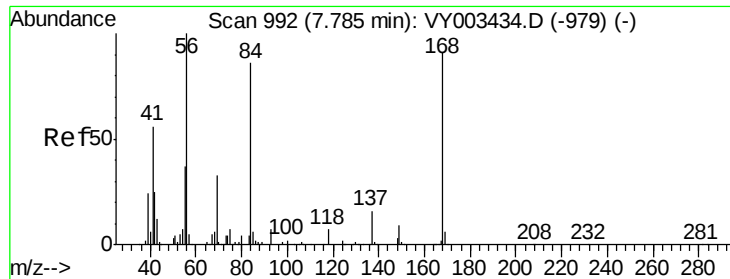
83 100

85 66.9 53.5 80.3



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

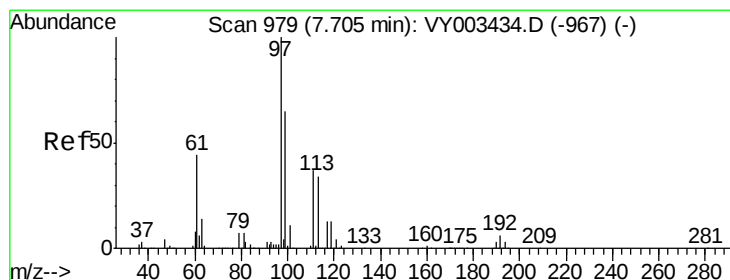
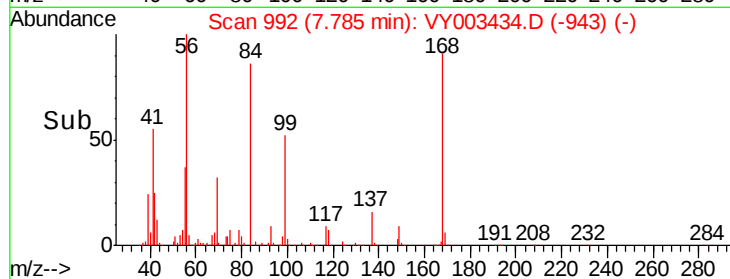
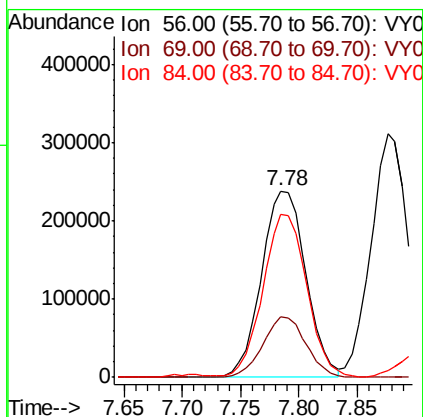
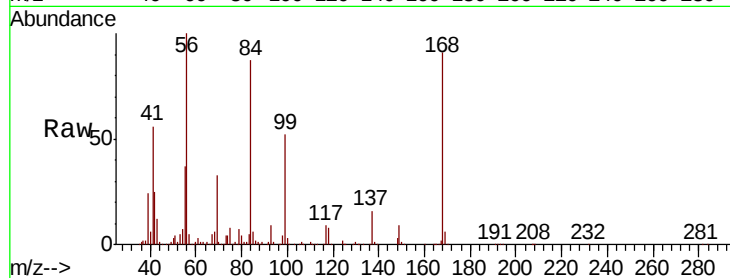




#31
Cyclohexane
Concen: 46.819 ug/l
RT: 7.78 min Scan# 992
Delta R.T. 0.00 min
Lab File: VY003434.D
Acq: 04 Sep 2020 16:04

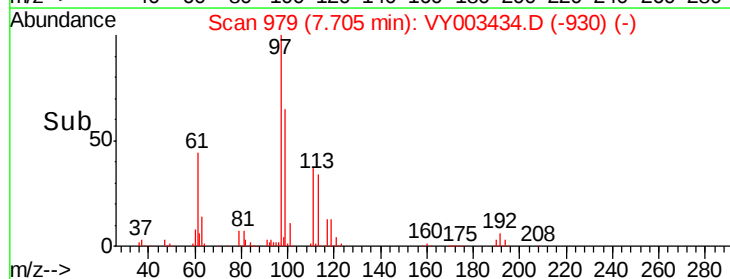
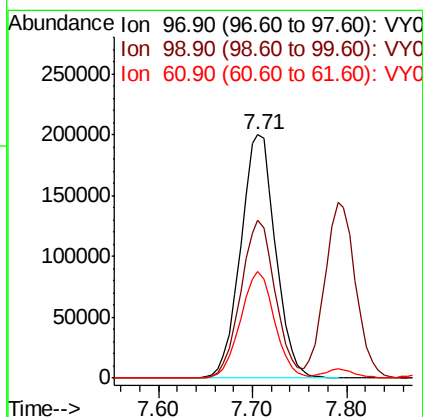
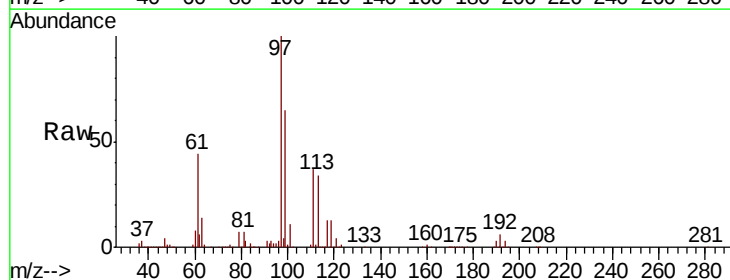
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

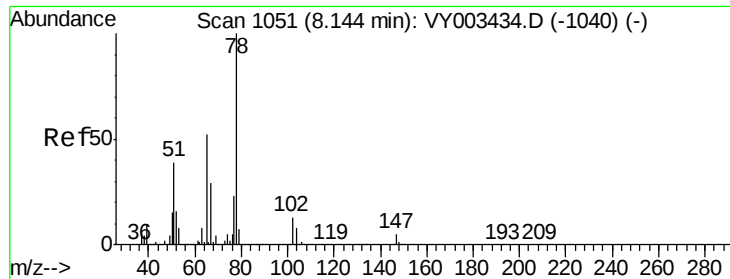
Tot Ion: 56 Resp: 628500
Ion Ratio Lower Upper
56 100
69 32.5 26.0 39.0
84 85.9 68.7 103.1



#32
1,1,1-Trichloroethane
Concen: 49.273 ug/l
RT: 7.71 min Scan# 979
Delta R.T. 0.00 min
Lab File: VY003434.D
Acq: 04 Sep 2020 16:04

Tgt Ion: 97 Resp: 516932
Ion Ratio Lower Upper
97 100
99 64.5 51.6 77.4
61 42.9 34.3 51.5

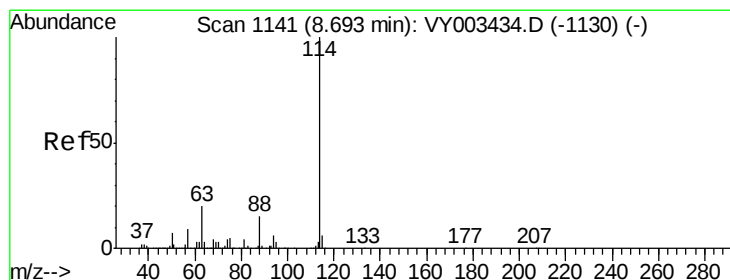
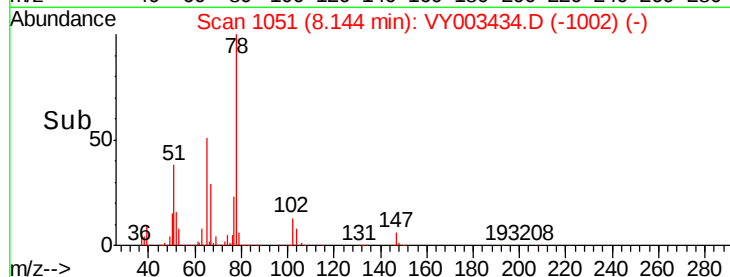
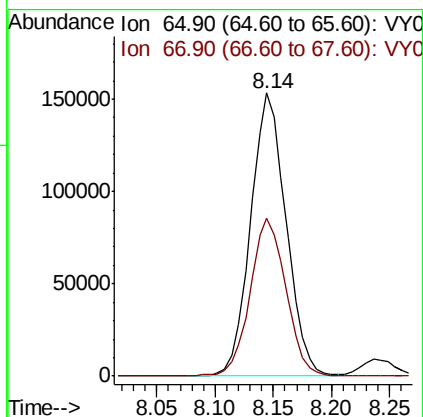
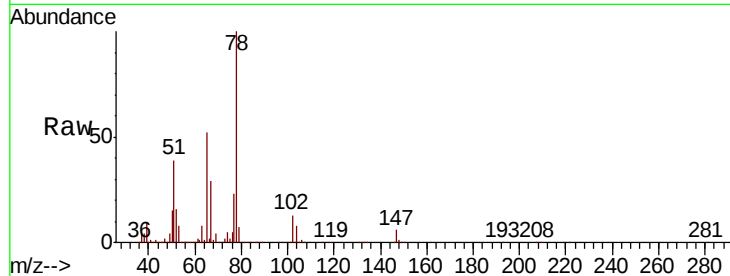




#33
 1,2-Dichloroethane-d4
 Concen: 50.307 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VY003434.D
 Acq: 04 Sep 2020 16:04

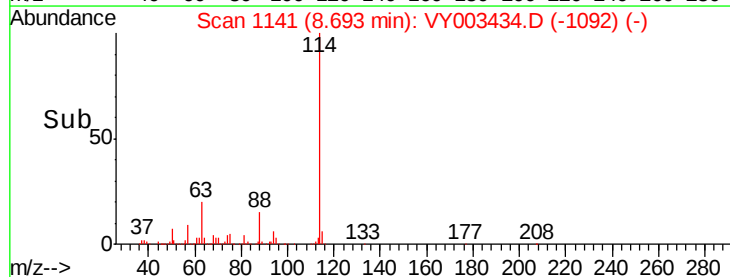
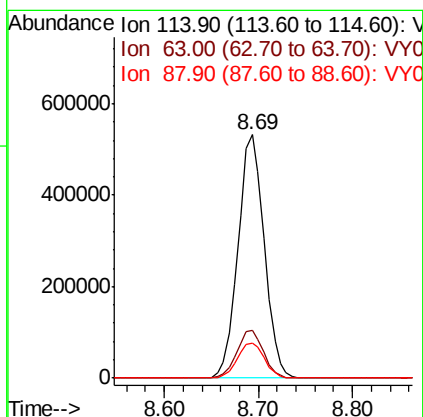
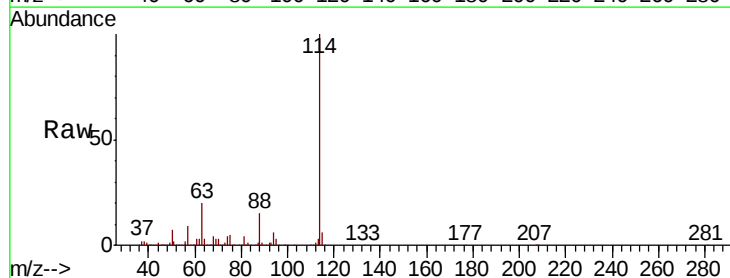
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

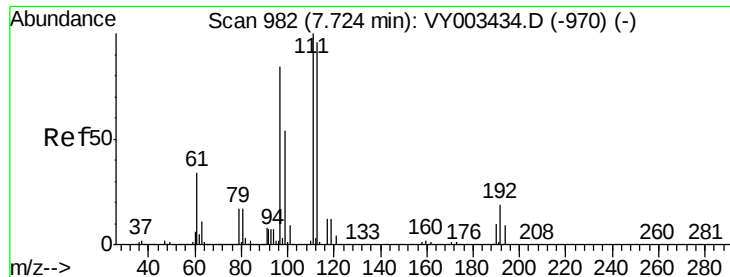
Tot Ion: 65 Resp: 323703
 Ion Ratio Lower Upper
 65 100
 67 56.4 0.0 112.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY003434.D
 Acq: 04 Sep 2020 16:04

Tgt Ion: 114 Resp: 1025742
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 39.6
 88 14.5 0.0 29.0

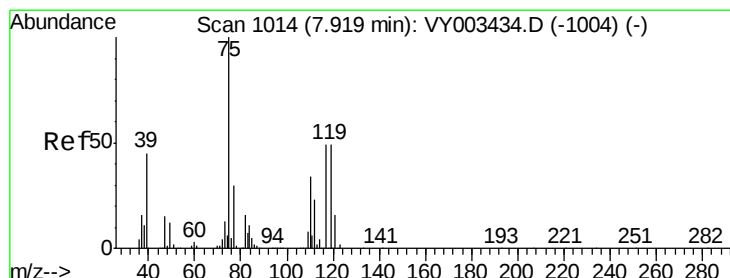
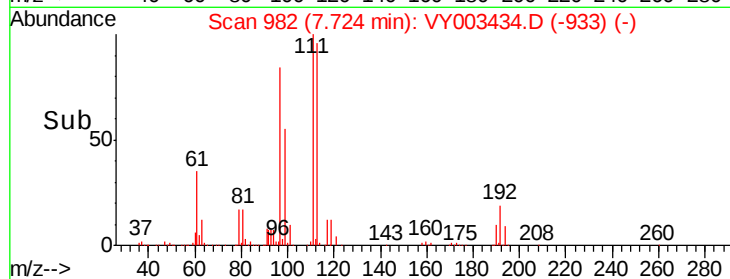
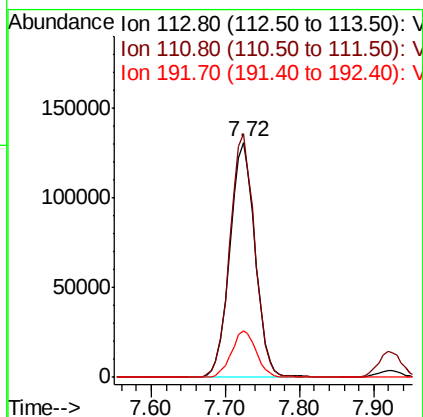
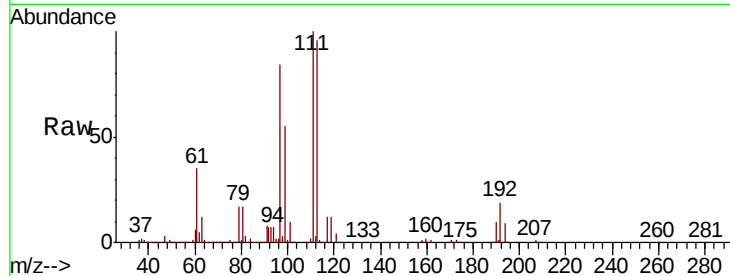




#35
 Dibromofluoromethane
 Concen: 52.326 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VY003434.D
 Acq: 04 Sep 2020 16:04

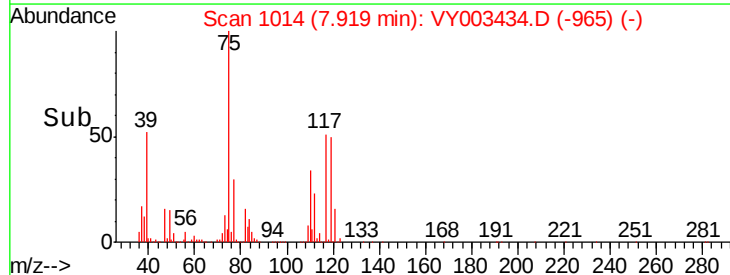
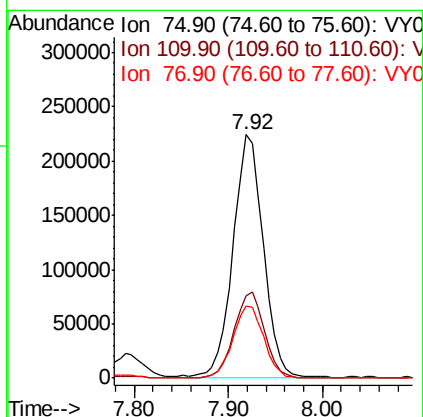
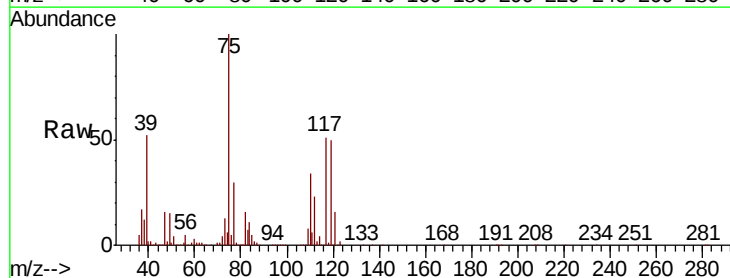
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

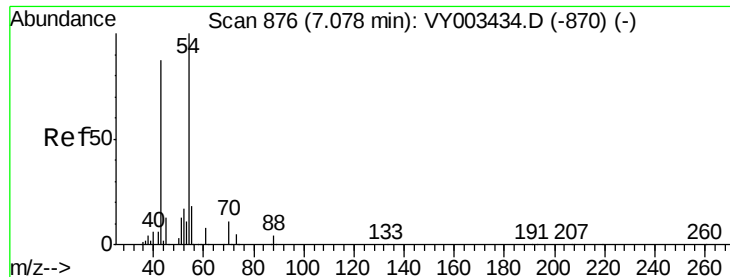
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.2	123.2
192	19.6	15.7	23.5



#36
 1,1-Dichloropropene
 Concen: 49.564 ug/l
 RT: 7.92 min Scan# 1014
 Delta R.T. 0.00 min
 Lab File: VY003434.D
 Acq: 04 Sep 2020 16:04

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.7	17.8	53.5
77	30.5	24.4	36.6

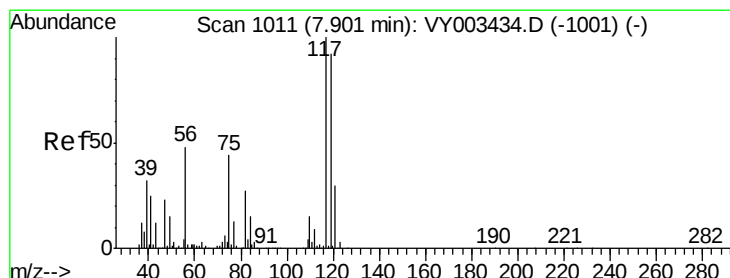
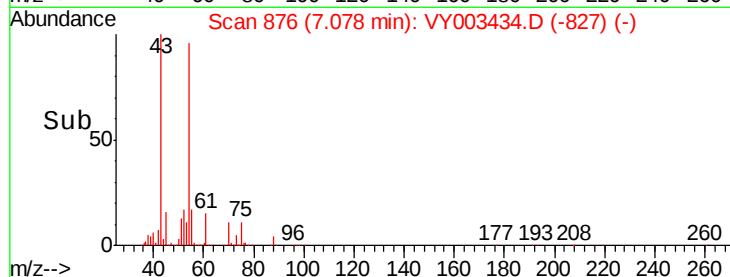
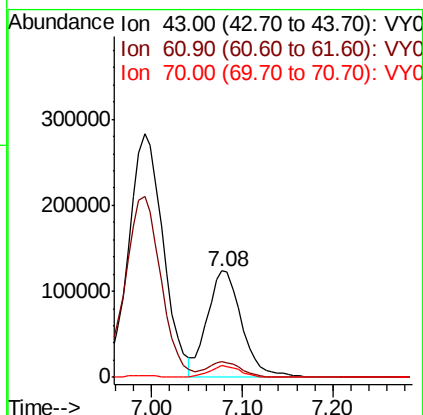
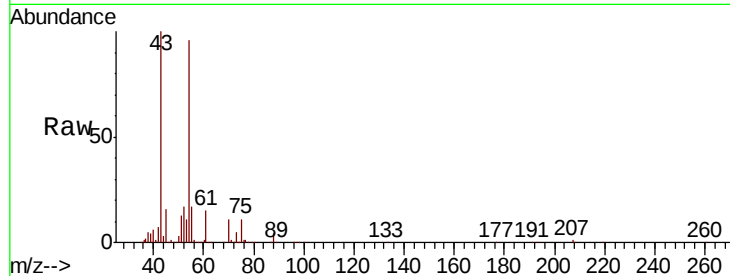




#37
Ethyl Acetate
Concen: 51.567 ug/l
RT: 7.08 min Scan# 876
Delta R.T. 0.00 min
Lab File: VY003434.D
Acq: 04 Sep 2020 16:04

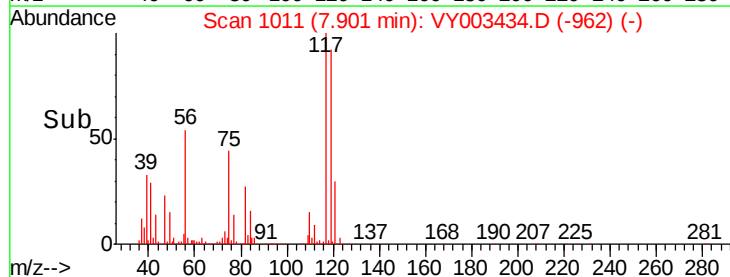
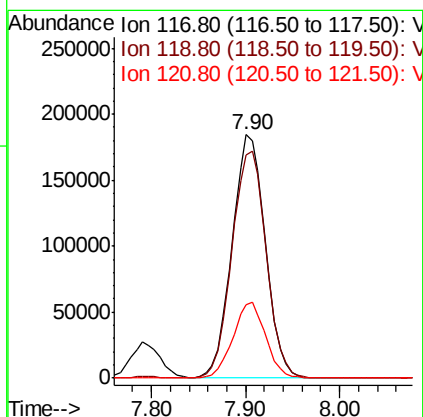
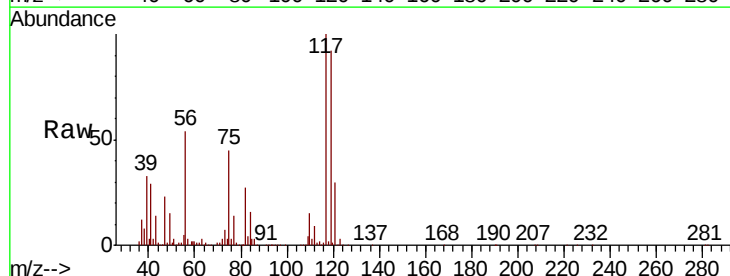
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

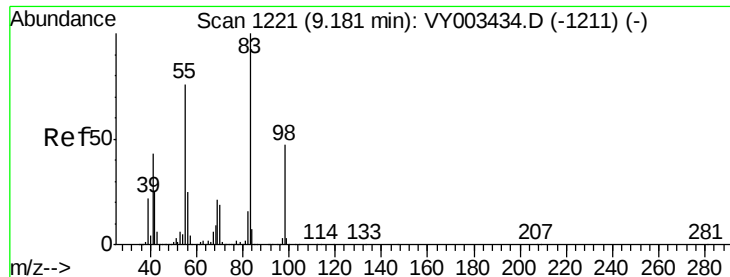
Tot Ion: 43 Resp: 329924
Ion Ratio Lower Upper
43 100
61 14.3 11.4 17.2
70 10.1 8.1 12.1



#38
Carbon Tetrachloride
Concen: 49.585 ug/l
RT: 7.90 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VY003434.D
Acq: 04 Sep 2020 16:04

Tgt Ion: 117 Resp: 454173
Ion Ratio Lower Upper
117 100
119 91.8 73.4 110.2
121 30.0 24.0 36.0

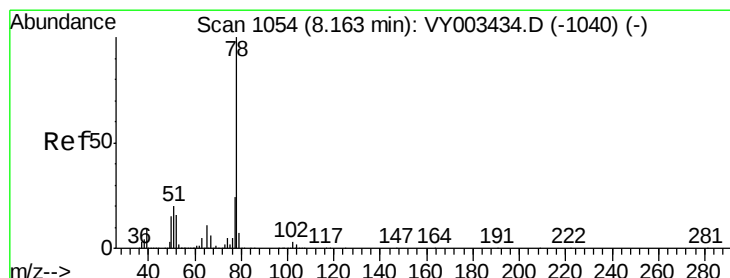
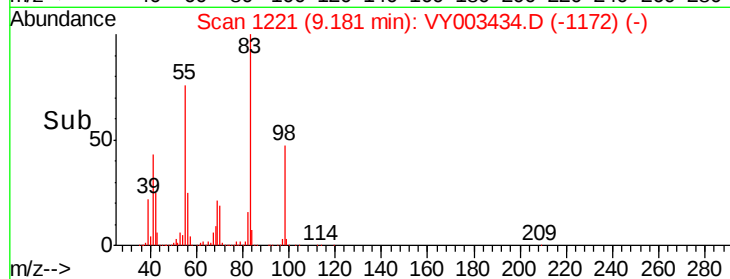
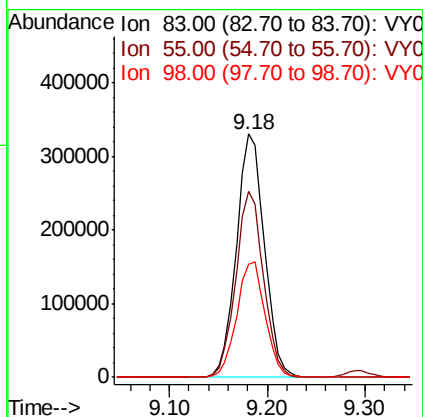
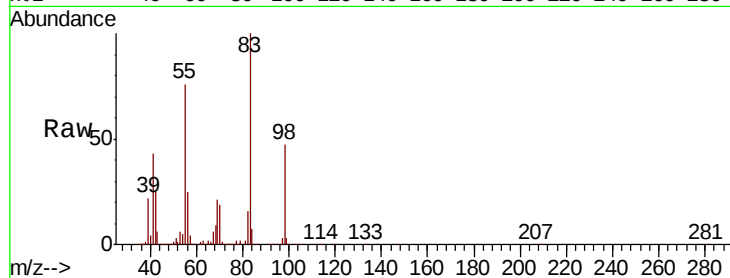




#39
Methylvlcvclohexane
Concen: 50.589 ug/l
RT: 9.18 min Scan# 1221
Delta R.T. 0.00 min
Lab File: VY003434.D
Acq: 04 Sep 2020 16:04

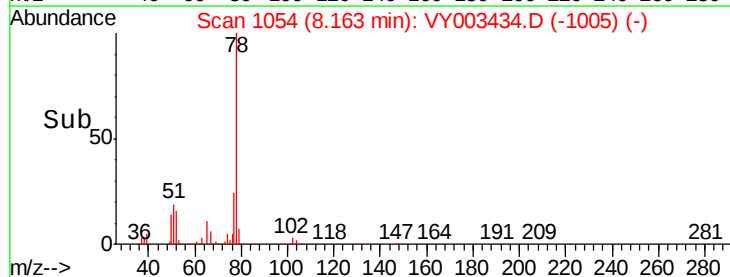
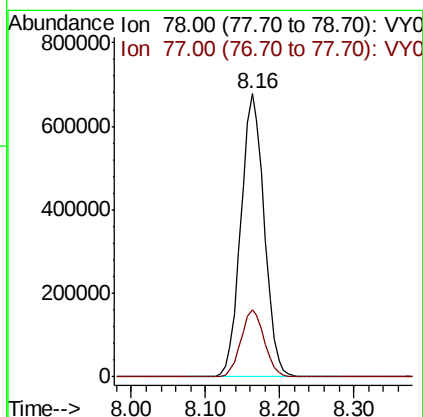
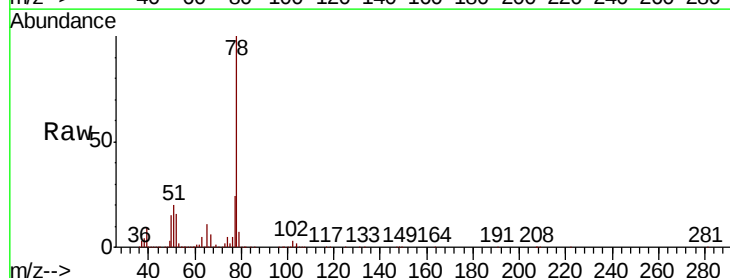
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

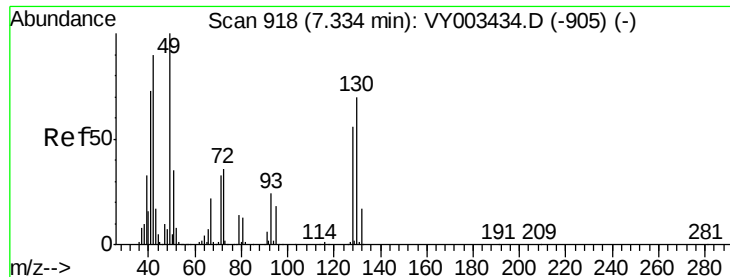
Tot Ion: 83 Resp: 657298
Ion Ratio Lower Upper
83 100
55 76.2 61.0 91.4
98 46.6 37.3 55.9



#40
Benzene
Concen: 49.735 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VY003434.D
Acq: 04 Sep 2020 16:04

Tgt Ion: 78 Resp: 1489793
Ion Ratio Lower Upper
78 100
77 23.9 19.1 28.7





#41

Methacrylonitrile

Concen: 125.493 ug/l

RT: 7.35 min Scan# 921

Delta R.T. 0.02 min

Lab File: VY003434.D

Acq: 04 Sep 2020 16:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tot Ion: 41 Resp: 443734

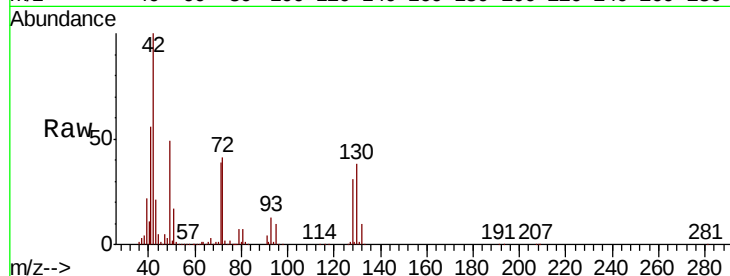
Ion Ratio Lower Upper

41 100

39 0.0 0.0 0.0

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

150000

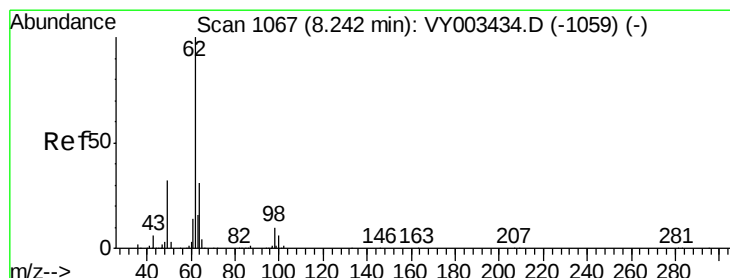
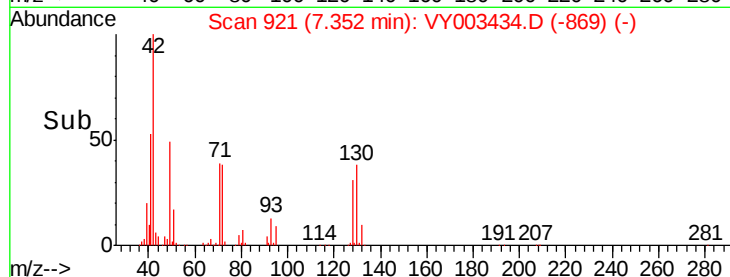
100000

50000

0

7.20 7.30 7.40 7.50

Time-->



#42

1,2-Dichloroethane

Concen: 49.163 ug/l

RT: 8.24 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VY003434.D

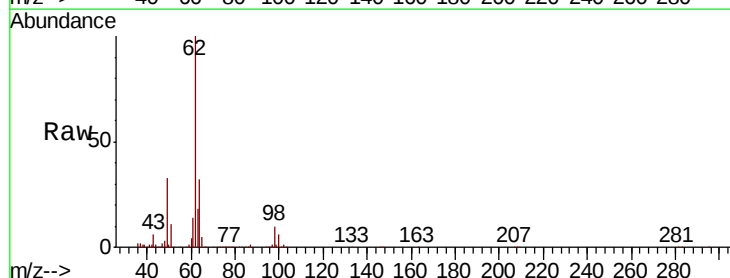
Acq: 04 Sep 2020 16:04

Tgt Ion: 62 Resp: 393642

Ion Ratio Lower Upper

62 100

98 10.7 0.0 21.4



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

200000

150000

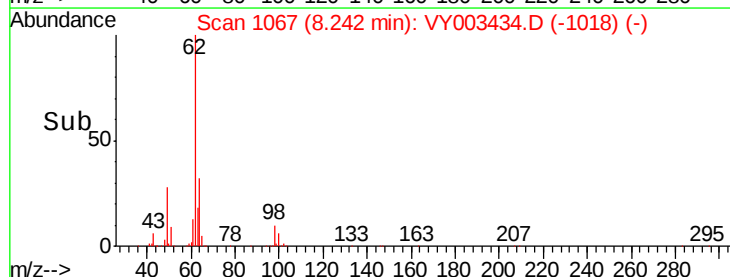
100000

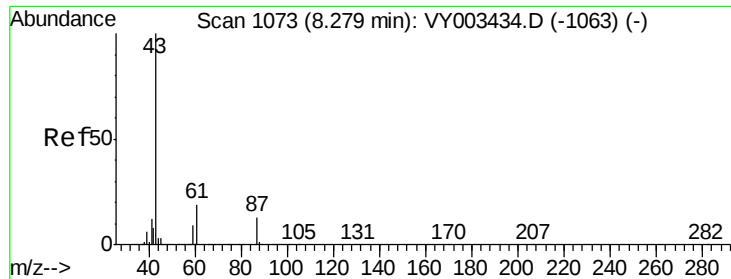
50000

0

8.20 8.30

Time-->

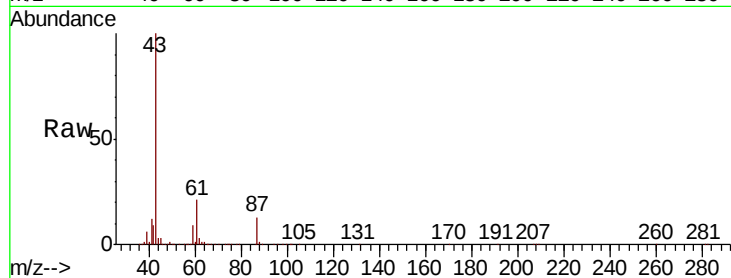




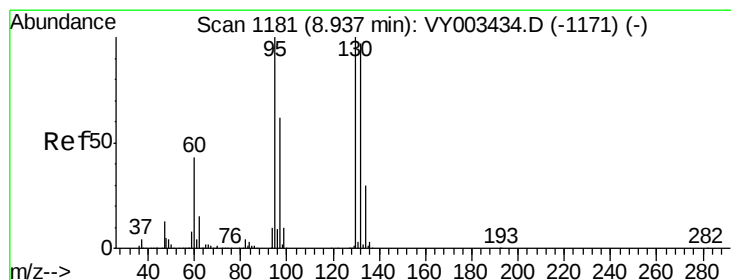
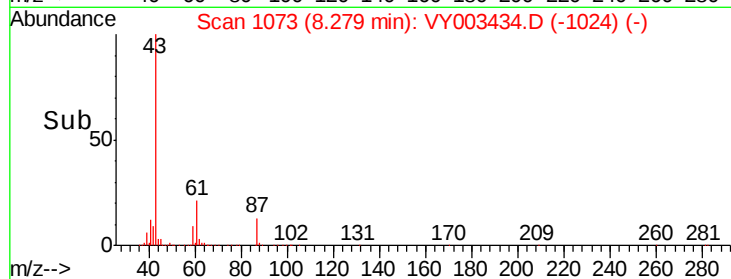
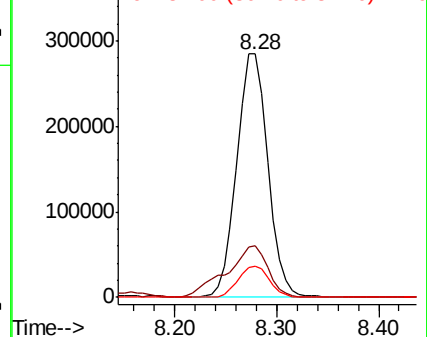
#43
Isopropyl Acetate
Concen: 51.870 ug/l
RT: 8.28 min Scan# 1073
Delta R.T. 0.00 min
Lab File: VY003434.D
Acq: 04 Sep 2020 16:04

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	43	Resp	599731
Ion Ratio	100	Lower	Upper
61	28.5	22.8	34.2
87	13.0	10.4	15.6

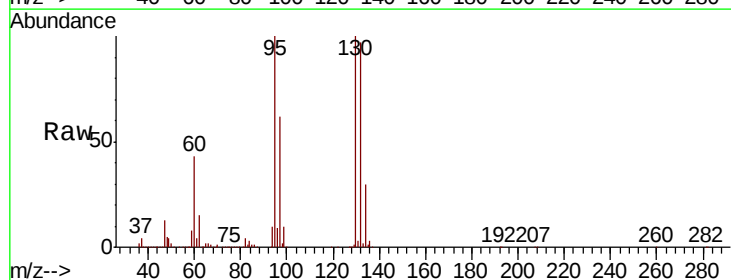


Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 61.00 (60.70 to 61.70): VY0
Ion 87.00 (86.70 to 87.70): VY0

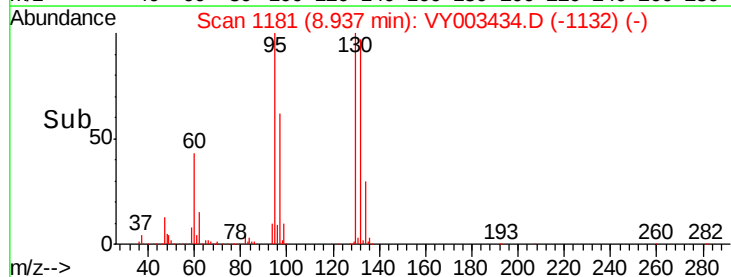
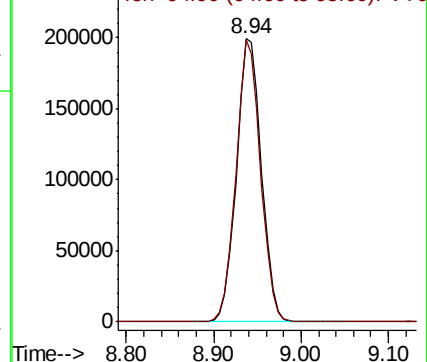


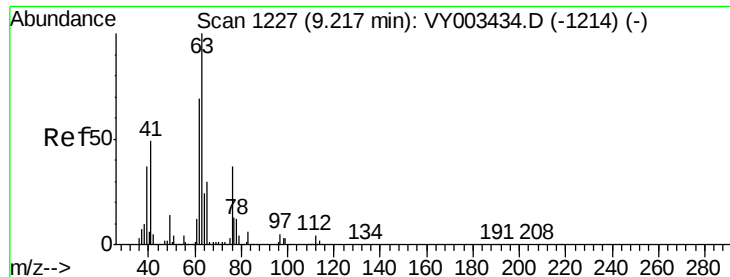
#44
Trichloroethene
Concen: 49.384 ug/l
RT: 8.94 min Scan# 1181
Delta R.T. 0.00 min
Lab File: VY003434.D
Acq: 04 Sep 2020 16:04

Tgt Ion	130	Resp	395970
Ion Ratio	100	Lower	Upper
95	99.7	0.0	199.4



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

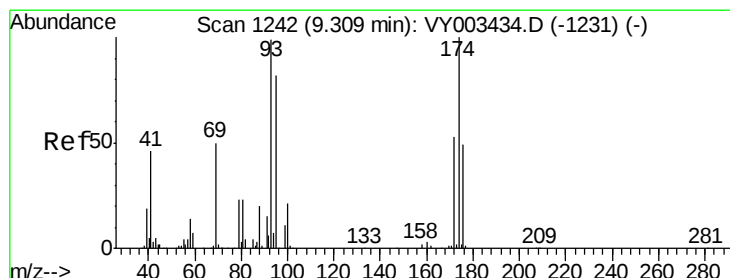
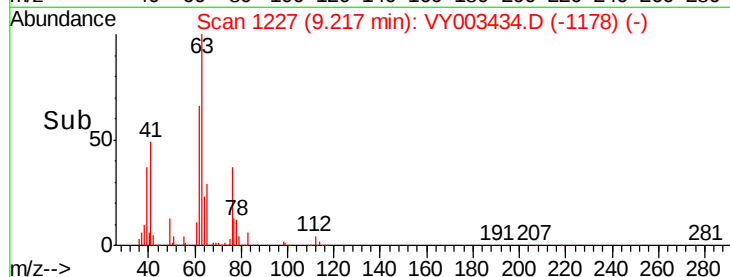
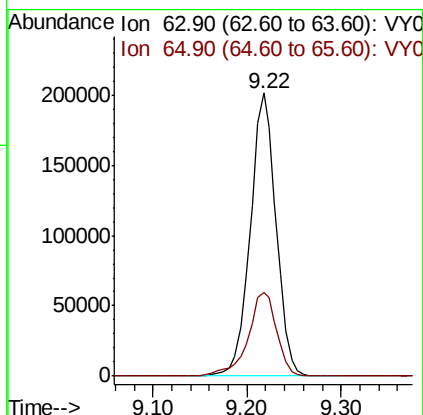
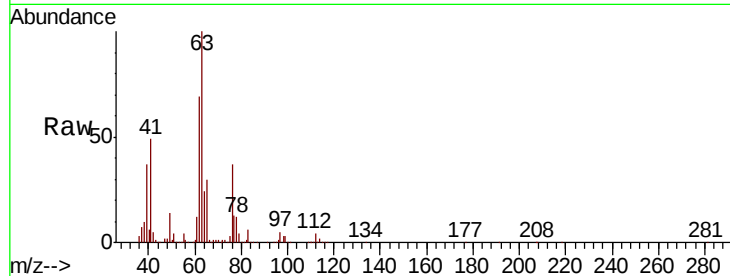




#45
 1,2-Dichloropropane
 Concen: 50.076 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. 0.00 min
 Lab File: VY003434.D
 Acq: 04 Sep 2020 16:04

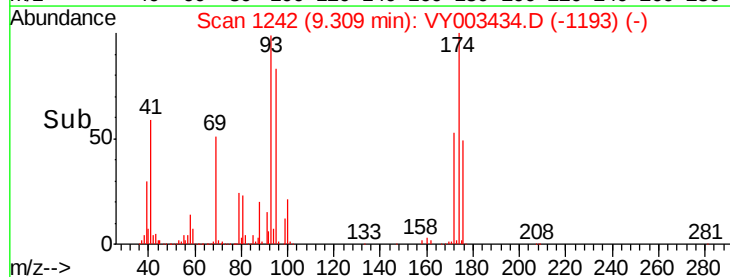
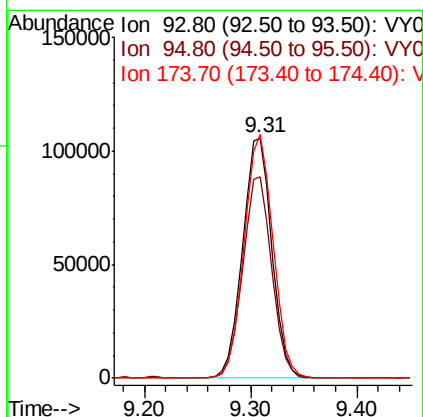
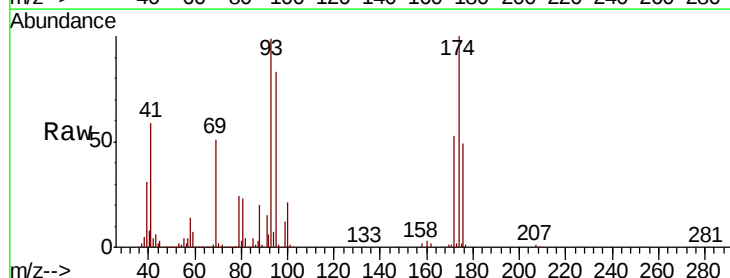
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

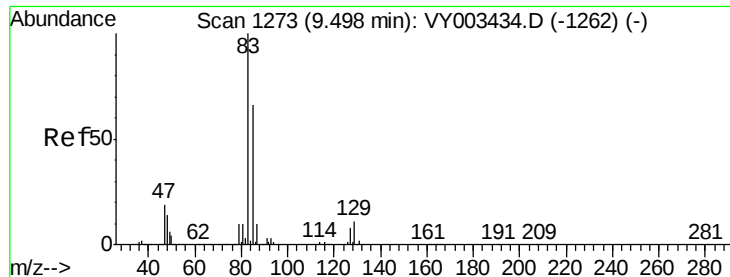
Tot Ion: 63 Resp: 386686
 Ion Ratio Lower Upper
 63 100
 65 29.6 23.7 35.5



#46
 Dibromomethane
 Concen: 50.409 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: VY003434.D
 Acq: 04 Sep 2020 16:04

Tgt Ion: 93 Resp: 203944
 Ion Ratio Lower Upper
 93 100
 95 83.2 66.6 99.8
 174 100.5 80.4 120.6





#47

Bromodichloromethane

Concen: 50.302 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VY003434.D

Acq: 04 Sep 2020 16:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

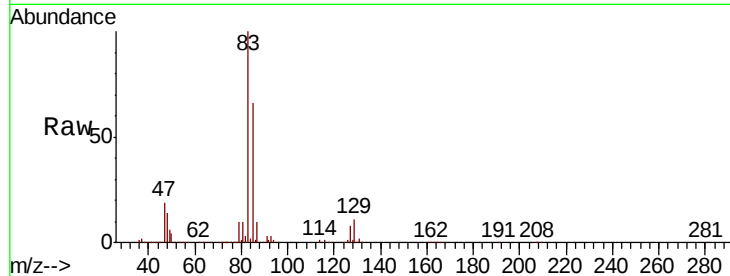
Tot Ion: 83 Resp: 475448

Ion Ratio Lower Upper

83 100

85 65.8 52.6 79.0

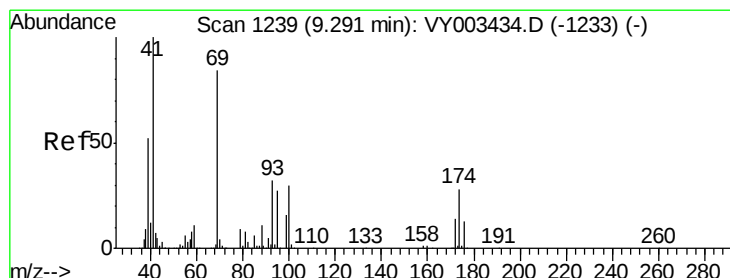
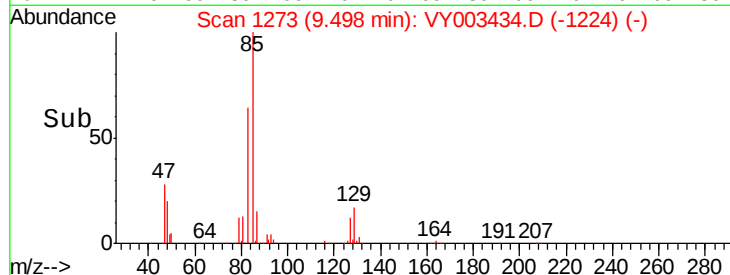
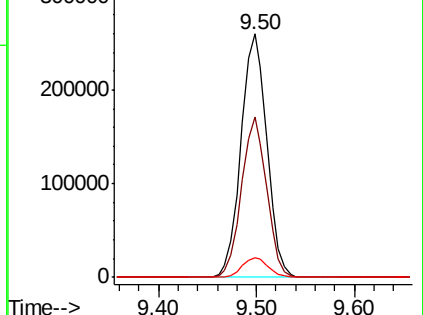
127 8.1 6.5 9.7



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: 51.779 ug/l

RT: 9.29 min Scan# 1239

Delta R.T. 0.00 min

Lab File: VY003434.D

Acq: 04 Sep 2020 16:04

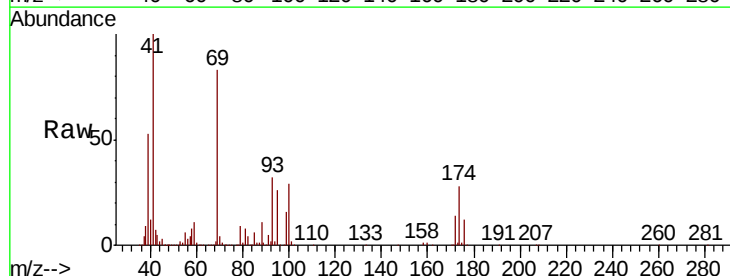
Tgt Ion: 41 Resp: 277140

Ion Ratio Lower Upper

41 100

69 86.0 68.8 103.2

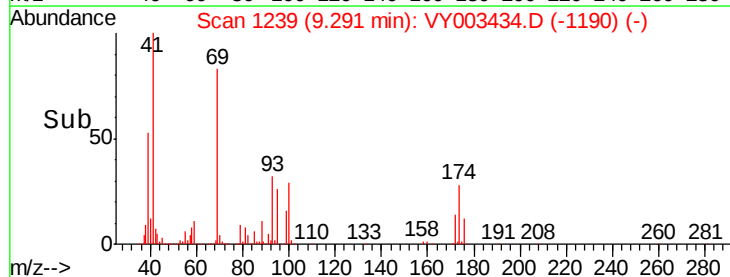
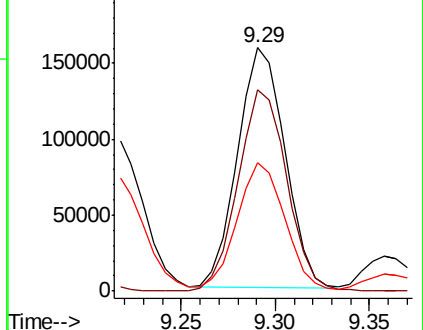
39 53.7 43.0 64.4

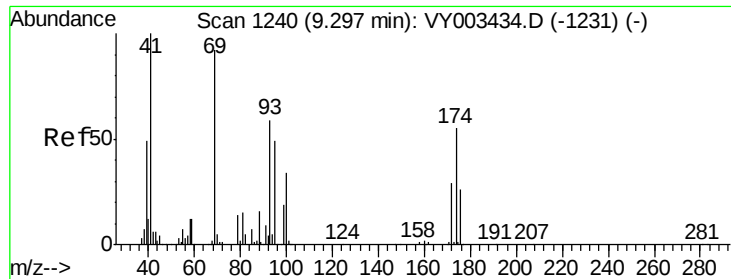


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 69.00 (68.70 to 69.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

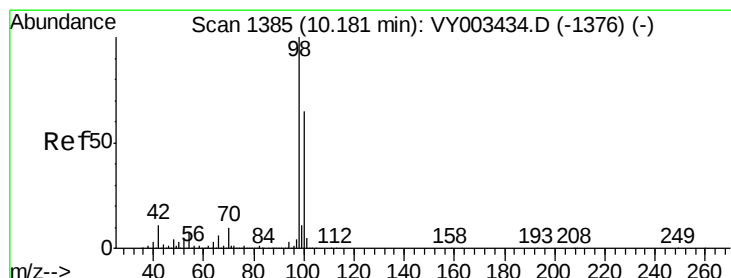
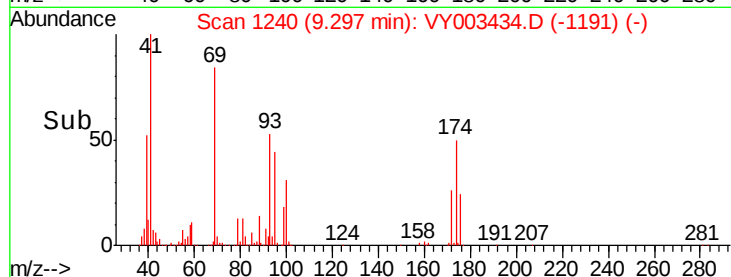
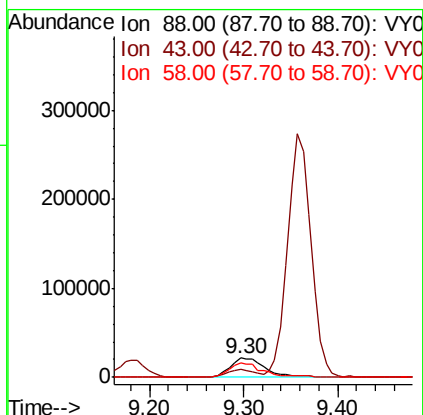
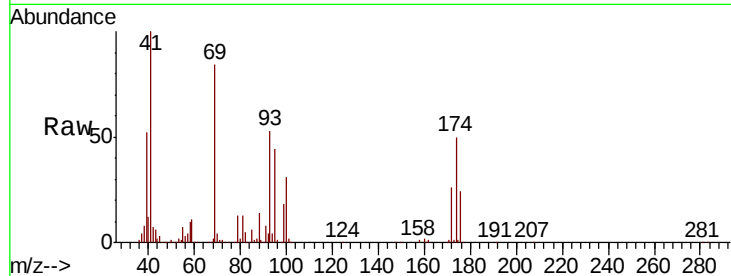




#49
 1,4-Dioxane
 Concen: 1050.420 ug/l
 RT: 9.30 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VY003434.D
 Acq: 04 Sep 2020 16:04

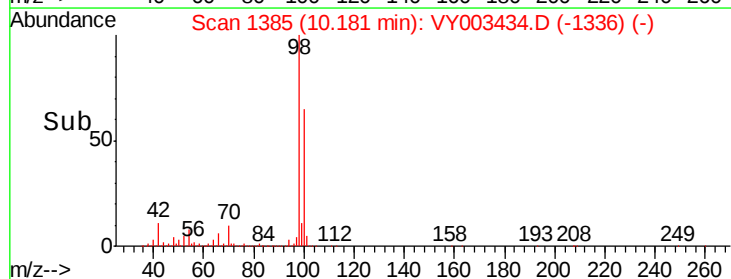
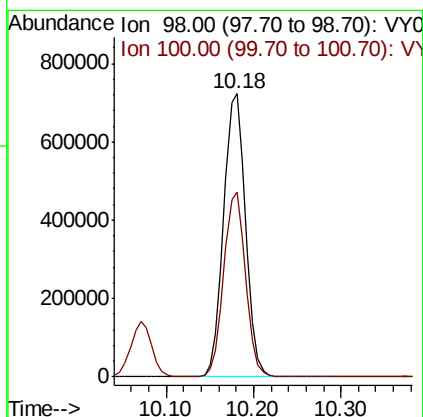
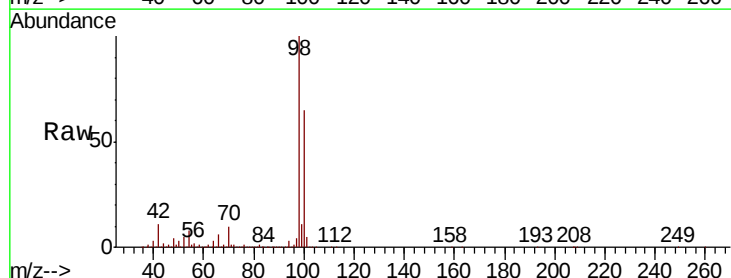
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

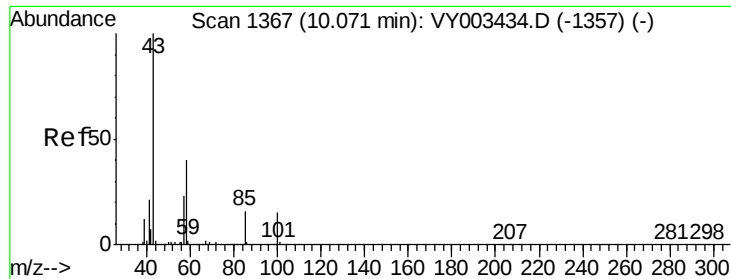
Tot Ion: 88 Resp: 58654
 Ion Ratio Lower Upper
 88 100
 43 30.9 24.7 37.1
 58 75.3 60.2 90.4



#50
 Toluene-d8
 Concen: 50.299 ug/l
 RT: 10.18 min Scan# 1385
 Delta R.T. 0.00 min
 Lab File: VY003434.D
 Acq: 04 Sep 2020 16:04

Tgt Ion: 98 Resp: 1257438
 Ion Ratio Lower Upper
 98 100
 100 64.7 51.8 77.6





#51

4-Methyl-2-Pentanone

Concen: 256.854 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. 0.00 min

Lab File: VY003434.D

Acq: 04 Sep 2020 16:04

Instrument :

MSVOA_Y

ClientSampled :

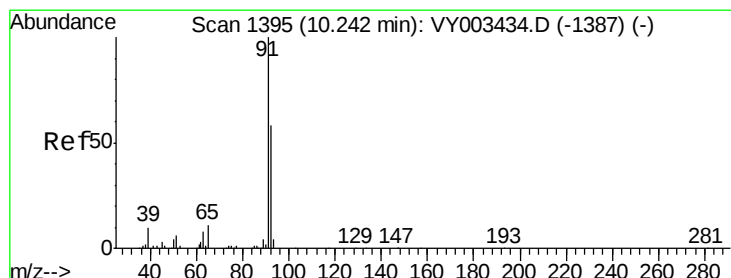
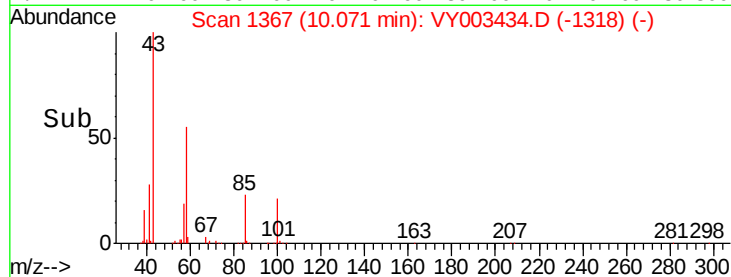
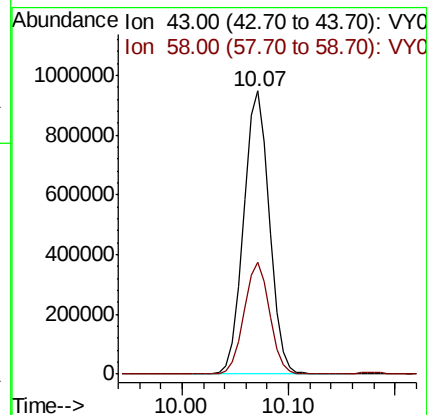
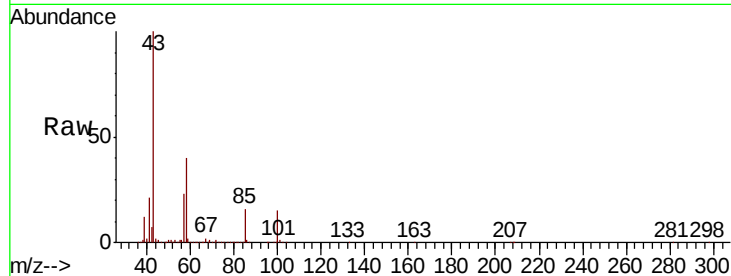
VSTDICCC050

Tot Ion: 43 Resp: 1614198

Ion Ratio Lower Upper

43 100

58 39.1 31.3 46.9



#52

Toluene

Concen: 49.413 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. 0.00 min

Lab File: VY003434.D

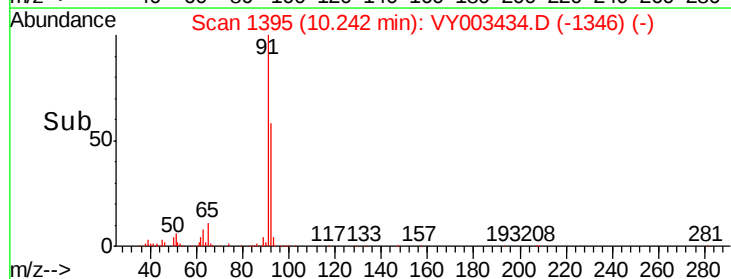
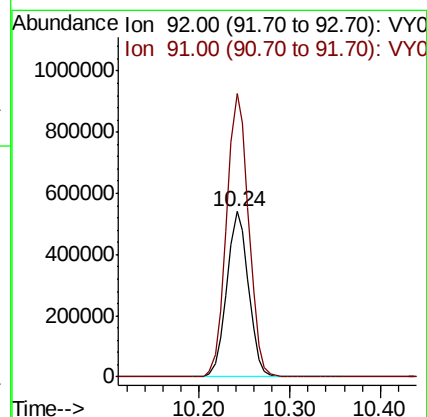
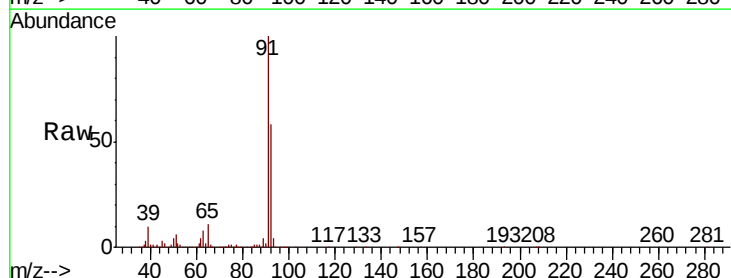
Acq: 04 Sep 2020 16:04

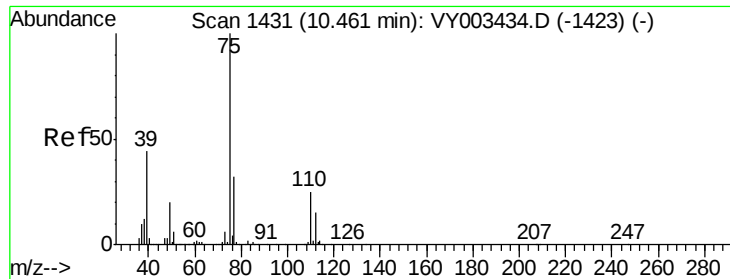
Tgt Ion: 92 Resp: 898477

Ion Ratio Lower Upper

92 100

91 174.9 139.9 209.9





#53

t-1,3-Dichloropropene

Concen: 51.534 ug/l

RT: 10.46 min Scan# 1431

Delta R.T. 0.00 min

Lab File: VY003434.D

Acq: 04 Sep 2020 16:04

Instrument :

MSVOA_Y

ClientSampleId :

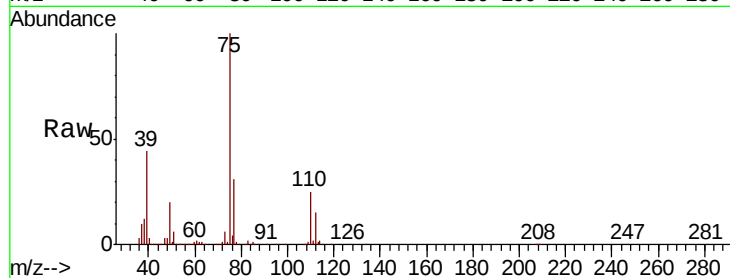
VSTDICCC050

Tot Ion: 75 Resp: 523228

Ion Ratio Lower Upper

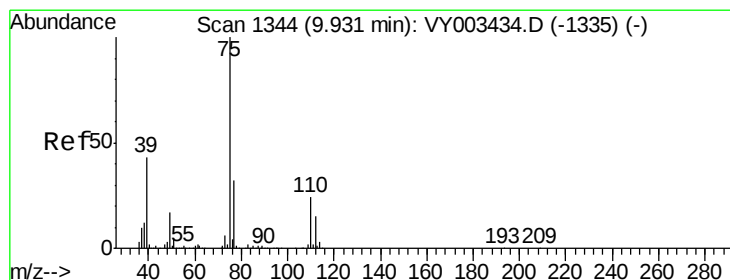
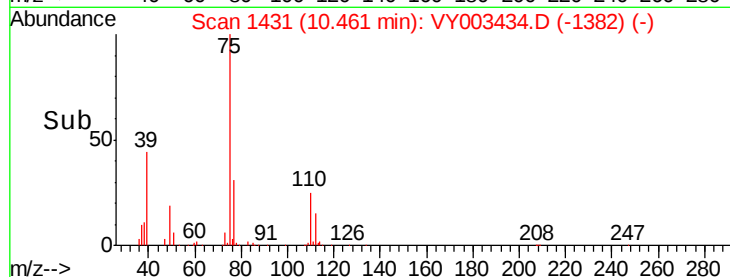
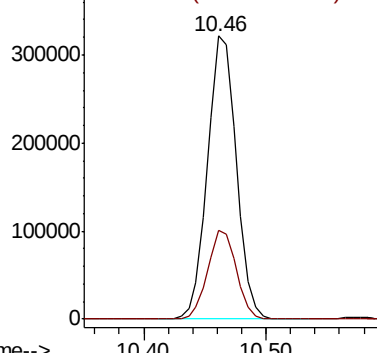
75 100

77 31.5 25.2 37.8



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0



#54

cis-1,3-Dichloropropene

Concen: 50.753 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. 0.00 min

Lab File: VY003434.D

Acq: 04 Sep 2020 16:04

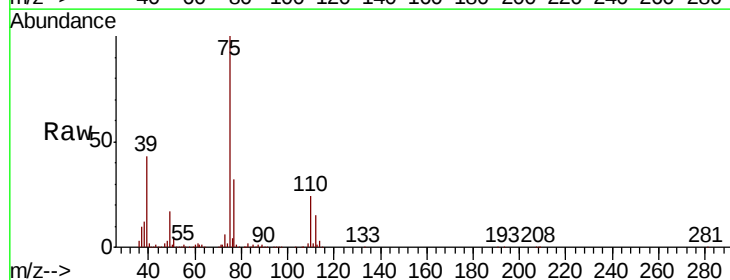
Tgt Ion: 75 Resp: 609013

Ion Ratio Lower Upper

75 100

77 32.1 25.7 38.5

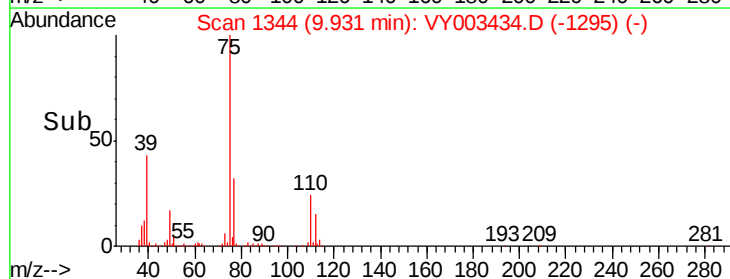
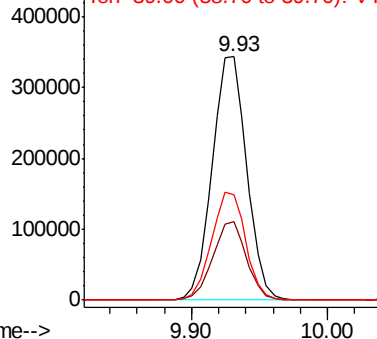
39 43.2 34.6 51.8

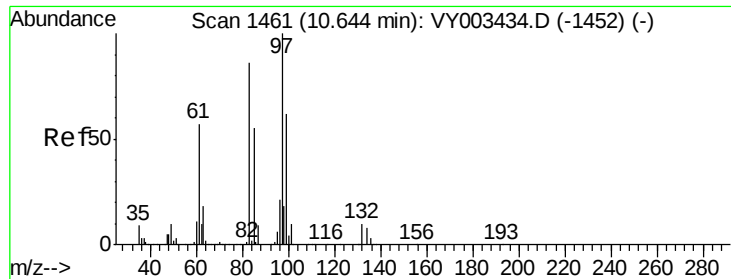


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0

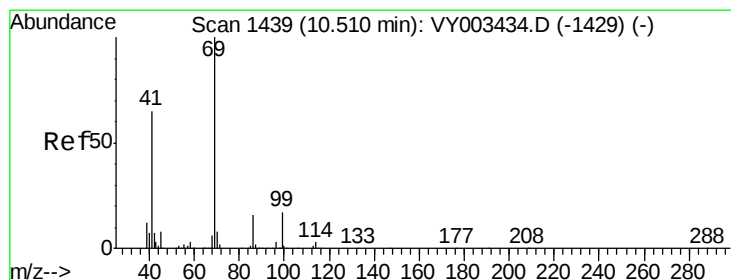
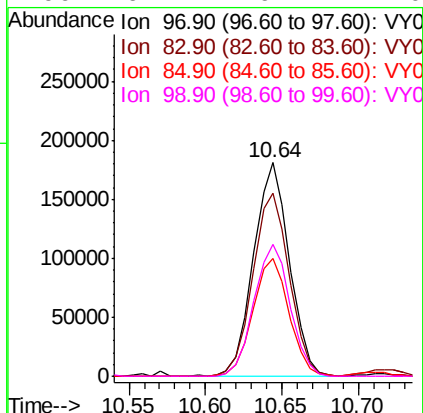
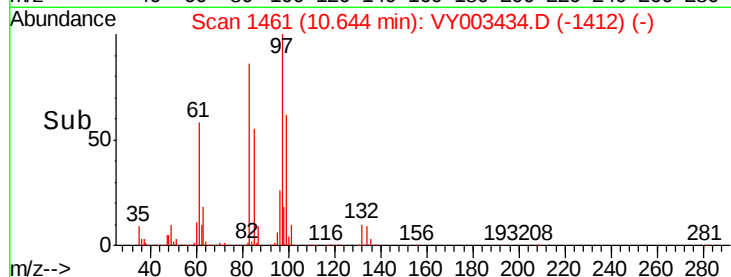
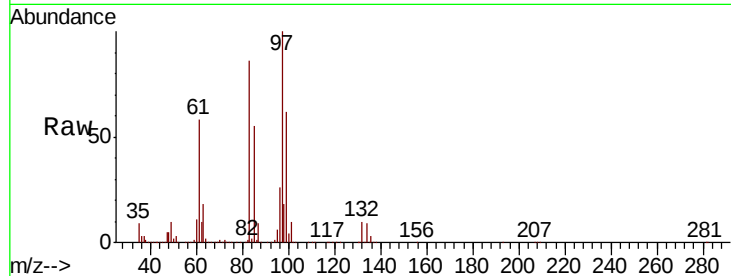




#55
 1,1,2-Trichloroethane
 Concen: 50.408 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY003434.D
 Acq: 04 Sep 2020 16:04

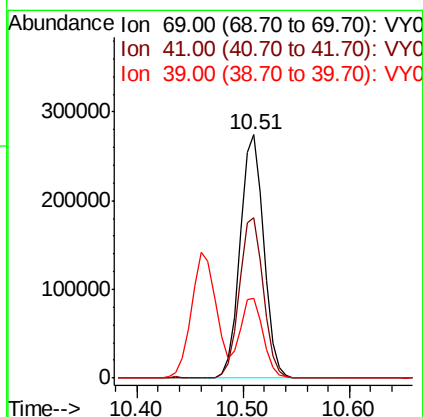
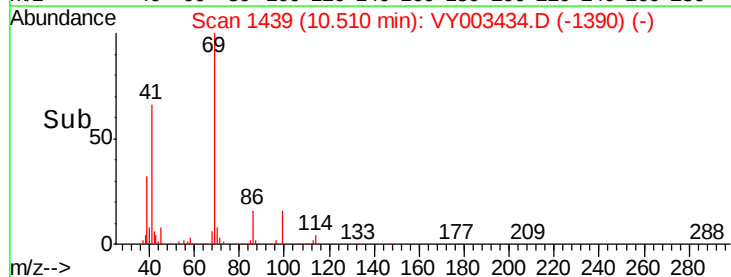
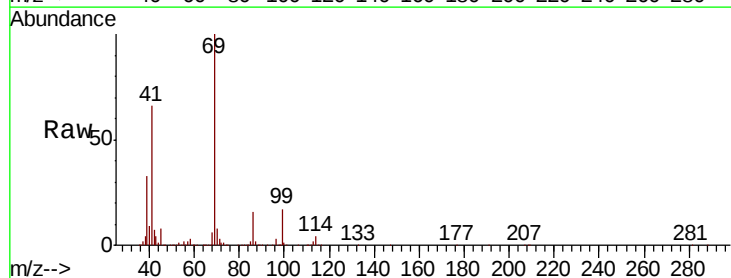
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

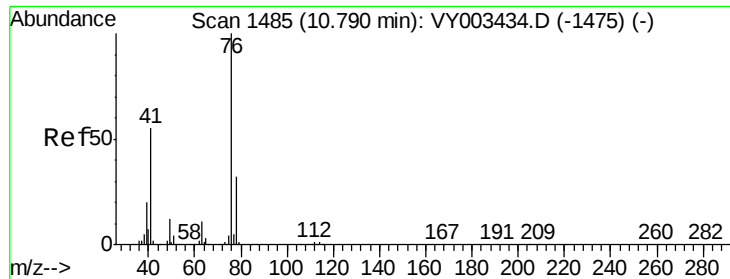
Tot Ion	Ratio	Lower	Upper
97	100		
83	85.6	68.5	102.7
85	54.9	43.9	65.9
99	61.7	49.4	74.0



#56
 Ethyl methacrylate
 Concen: 53.948 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY003434.D
 Acq: 04 Sep 2020 16:04

Tgt Ion	Ratio	Lower	Upper
69	100		
41	66.5	53.2	79.8
39	32.4	25.9	38.9





#57

1,3-Dichloropropane

Concen: 50.109 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VY003434.D

Acq: 04 Sep 2020 16:04

Instrument :

MSVOA_Y

ClientSampleId :

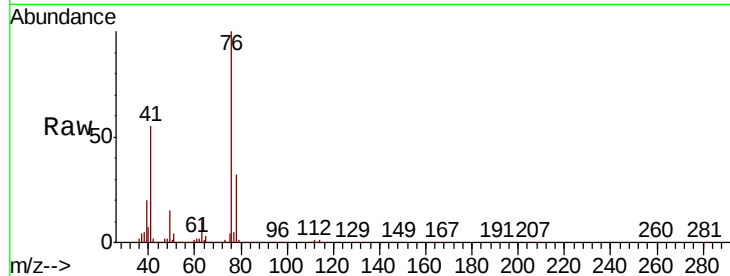
VSTDICCC050

Tot Ion: 76 Resp: 516754

Ion Ratio Lower Upper

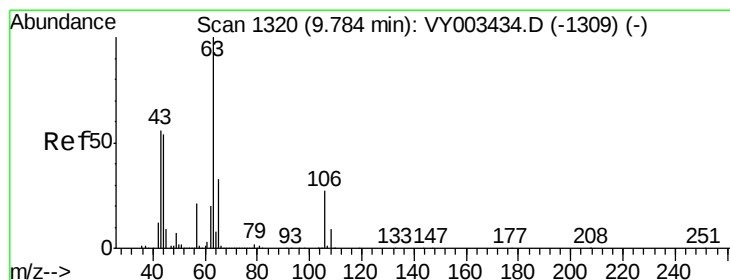
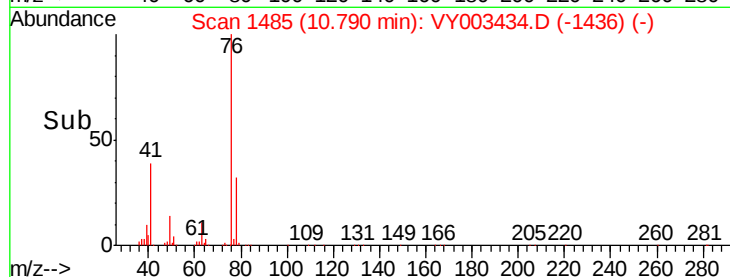
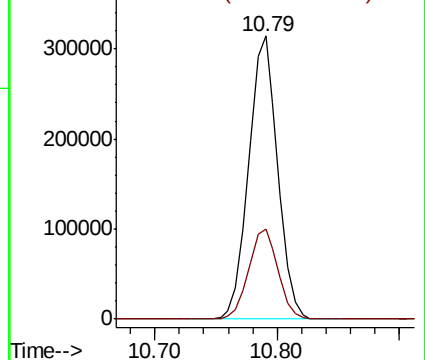
76 100

78 32.2 25.8 38.6



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: 257.097 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. 0.00 min

Lab File: VY003434.D

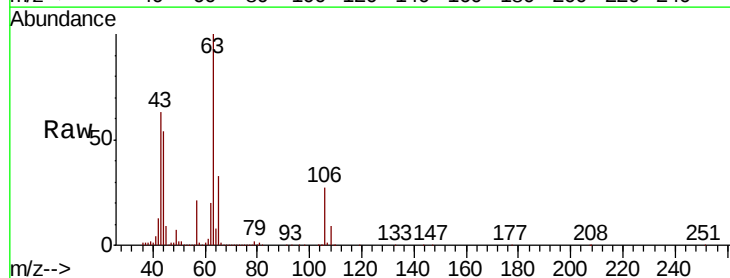
Acq: 04 Sep 2020 16:04

Tgt Ion: 63 Resp: 1103490

Ion Ratio Lower Upper

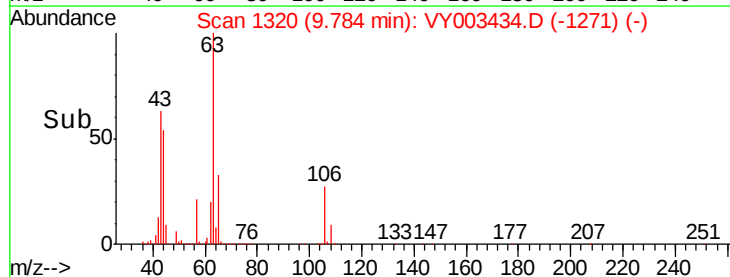
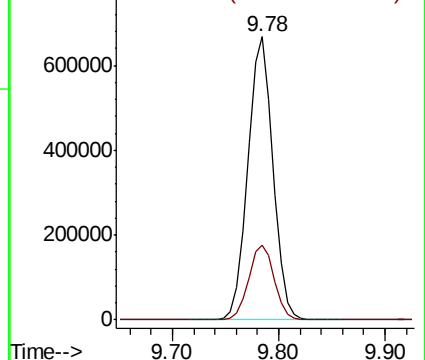
63 100

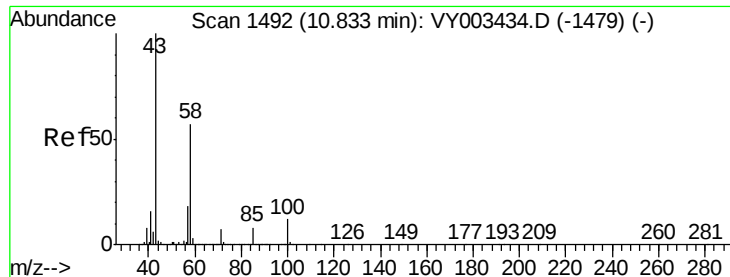
106 26.9 21.5 32.3



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

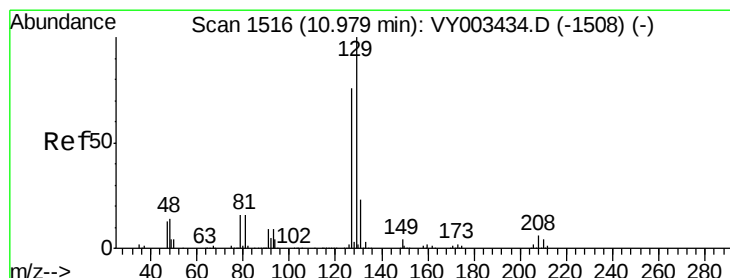
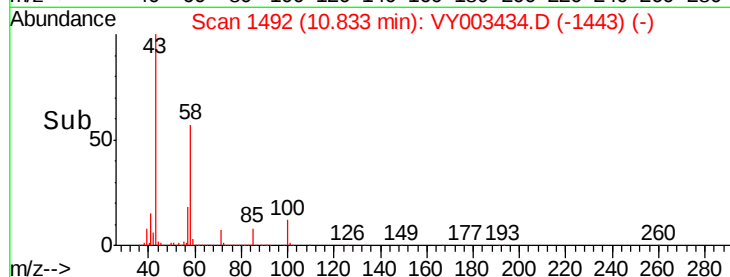
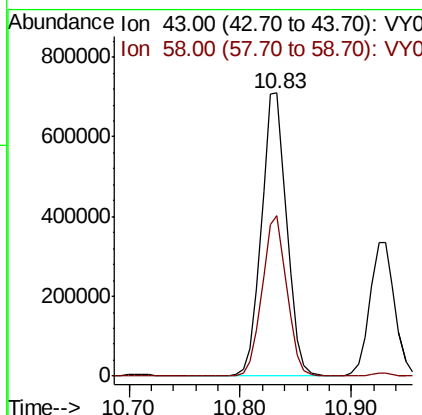
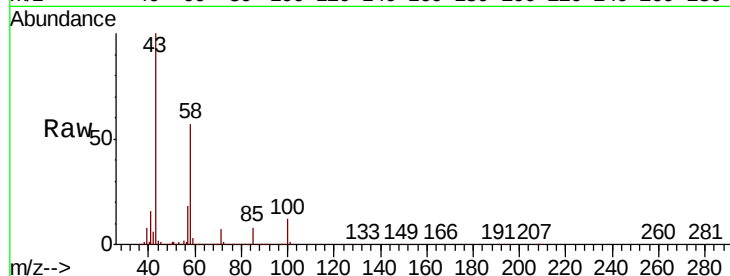




#59
2-Hexanone
Concen: 263.130 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY003434.D
Acq: 04 Sep 2020 16:04

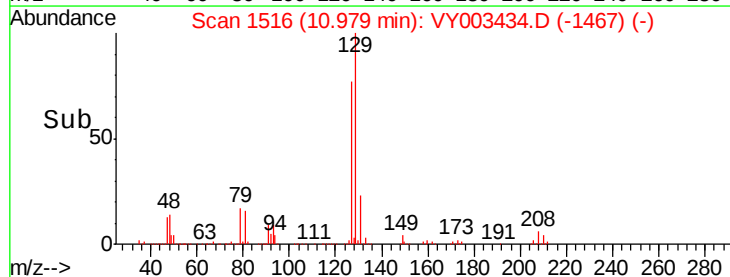
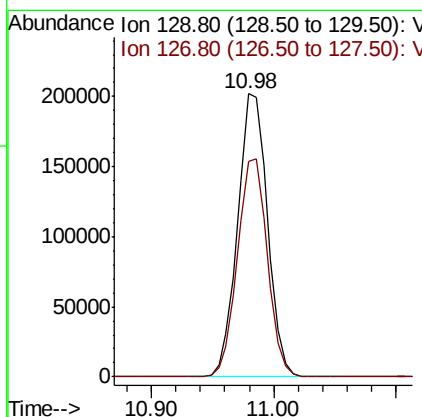
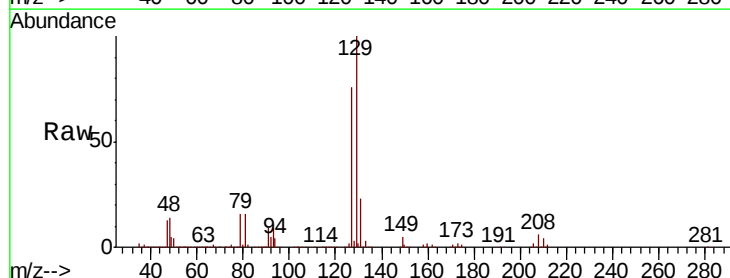
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

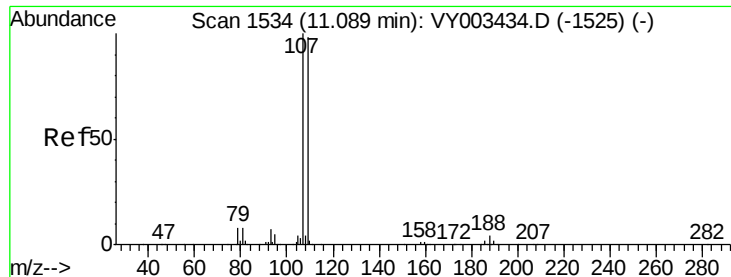
Tot Ion: 43 Resp: 1126606
Ion Ratio Lower Upper
43 100
58 55.5 27.8 83.3



#60
Dibromochloromethane
Concen: 51.422 ug/l
RT: 10.98 min Scan# 1516
Delta R.T. 0.00 min
Lab File: VY003434.D
Acq: 04 Sep 2020 16:04

Tgt Ion: 129 Resp: 341462
Ion Ratio Lower Upper
129 100
127 77.0 38.5 115.5





#61

1,2-Dibromoethane

Concen: 50.634 ug/l

RT: 11.09 min Scan# 1534

Delta R.T. 0.00 min

Lab File: VY003434.D

Acq: 04 Sep 2020 16:04

Instrument :

MSVOA_Y

ClientSampleId :

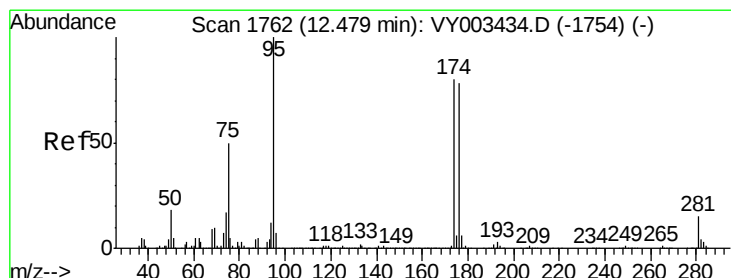
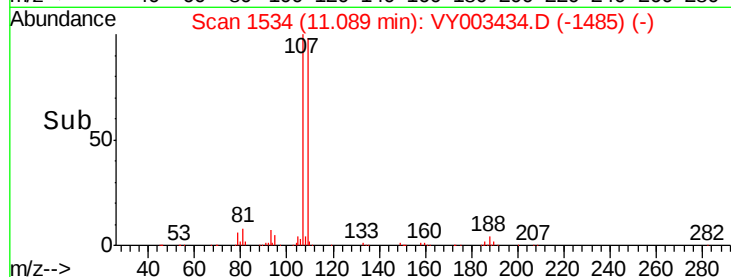
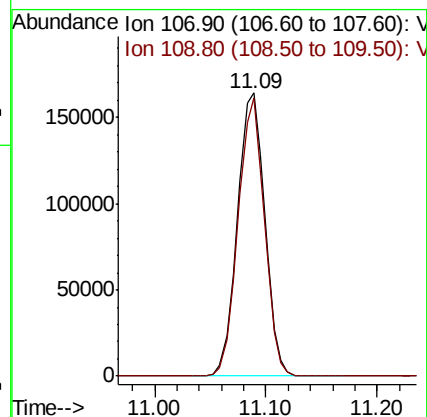
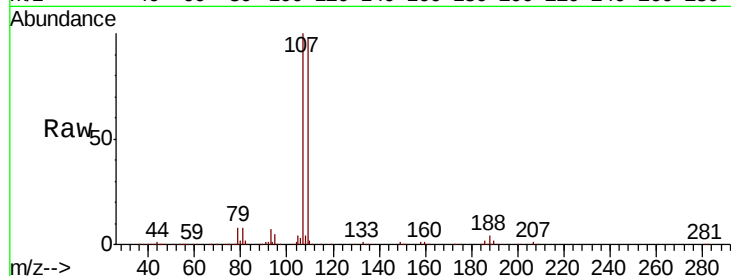
VSTDICCC050

Tot Ion: 107 Resp: 278917

Ion Ratio Lower Upper

107 100

109 94.7 75.8 113.6



#62

4-Bromofluorobenzene

Concen: 50.378 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY003434.D

Acq: 04 Sep 2020 16:04

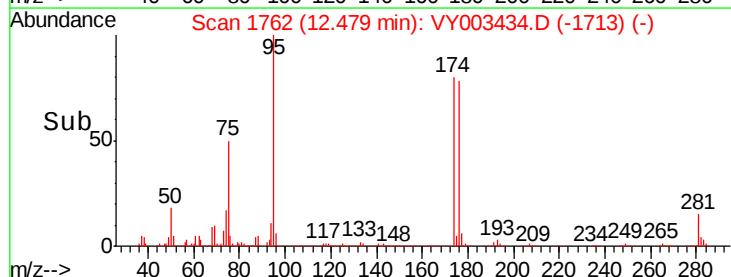
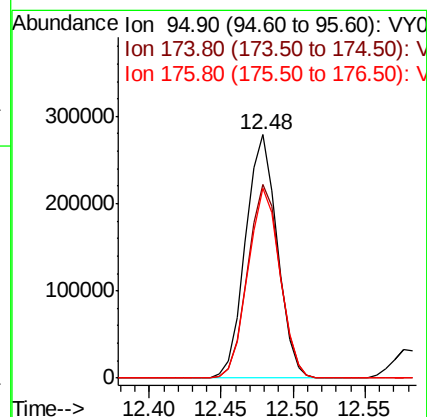
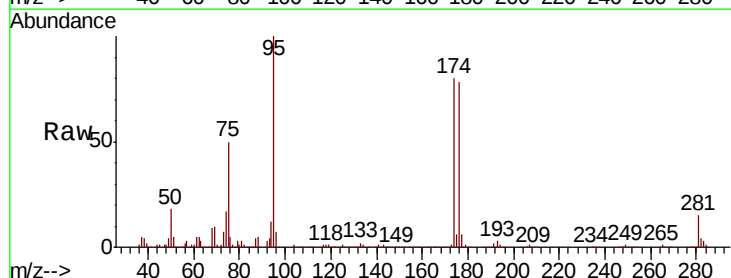
Tgt Ion: 95 Resp: 424942

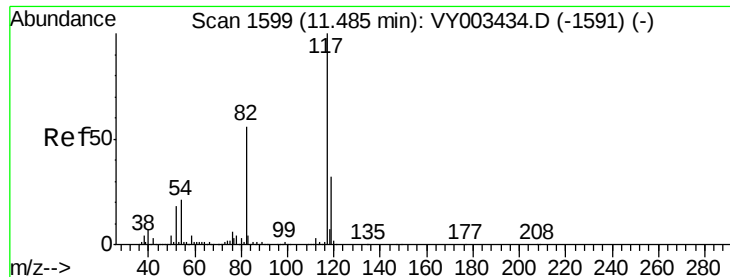
Ion Ratio Lower Upper

95 100

174 80.8 0.0 161.6

176 78.8 0.0 157.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1599

Delta R.T. 0.00 min

Lab File: VY003434.D

Acq: 04 Sep 2020 16:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

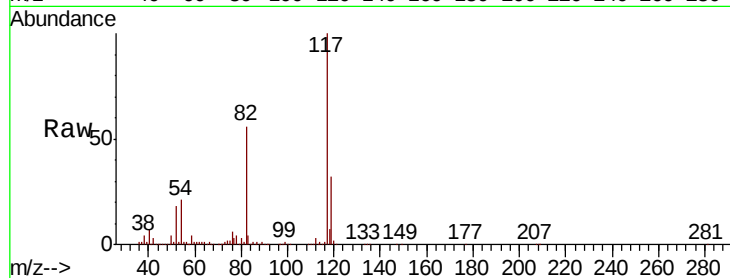
Tot Ion:117 Resp: 922740

Ion Ratio Lower Upper

117 100

82 56.0 44.8 67.2

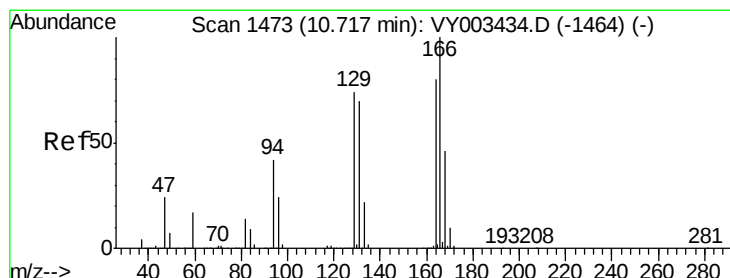
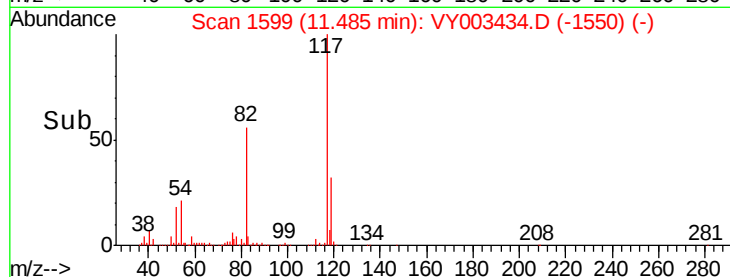
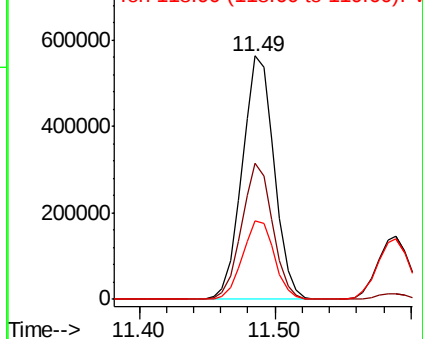
119 32.4 25.9 38.9



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VY0

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 49.128 ug/l

RT: 10.72 min Scan# 1473

Delta R.T. 0.00 min

Lab File: VY003434.D

Acq: 04 Sep 2020 16:04

Tgt Ion:164 Resp: 383192

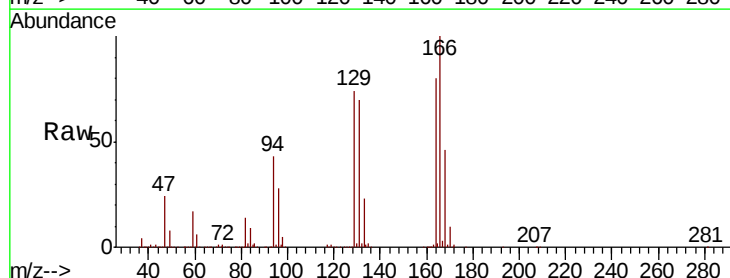
Ion Ratio Lower Upper

164 100

166 124.3 99.4 149.2

129 92.3 73.8 110.8

131 86.6 69.3 103.9

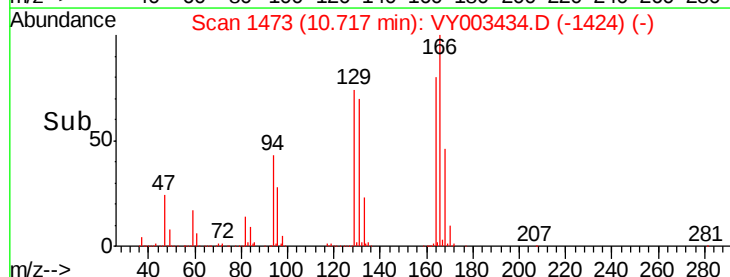
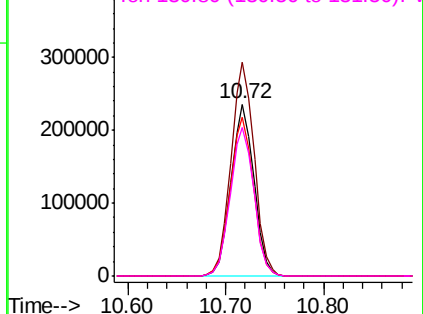


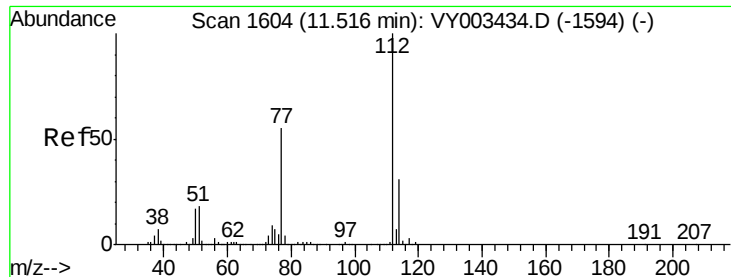
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

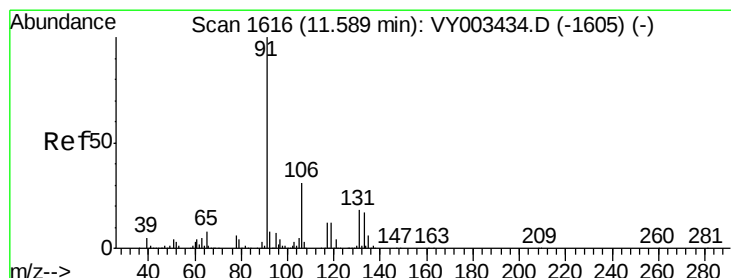
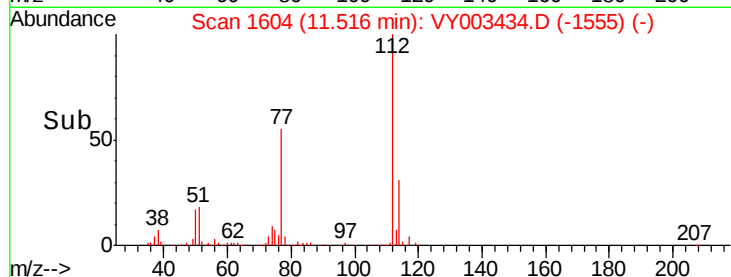
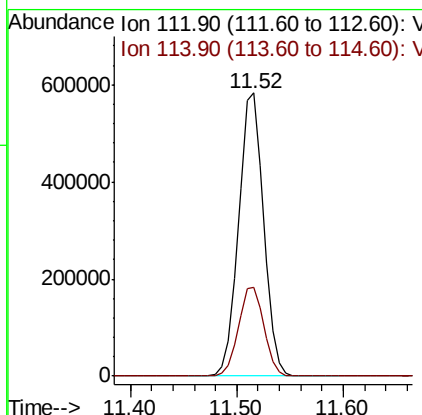
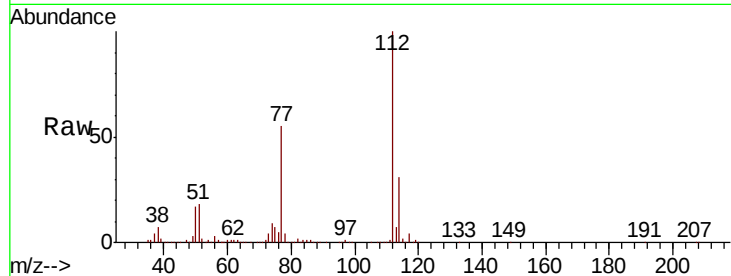




#65
Chlorobenzene
Concen: 49.579 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VY003434.D
Acq: 04 Sep 2020 16:04

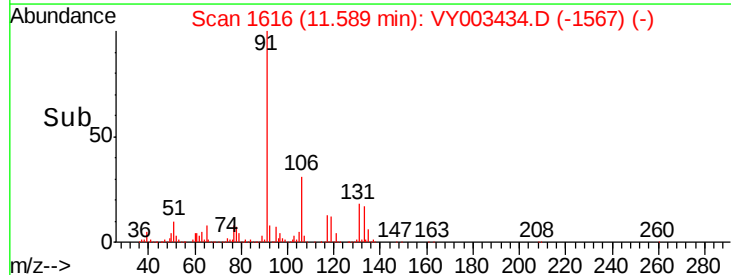
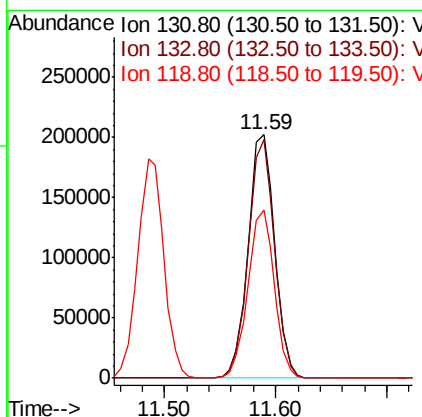
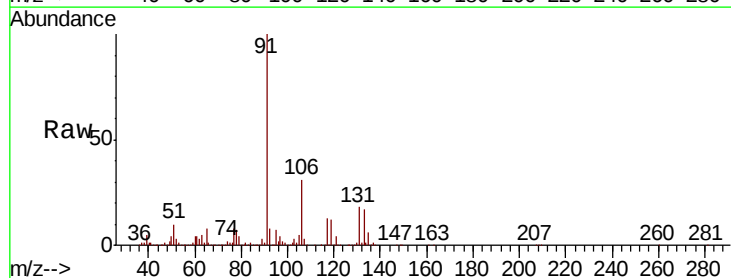
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

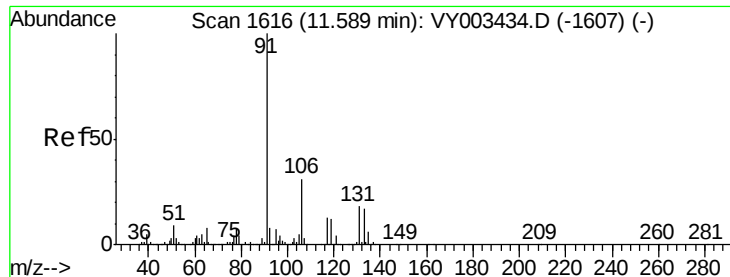
Tot Ion:112 Resp: 960673
Ion Ratio Lower Upper
112 100
114 31.5 25.2 37.8



#66
1,1,1,2-Tetrachloroethane
Concen: 49.831 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY003434.D
Acq: 04 Sep 2020 16:04

Tgt Ion:131 Resp: 335887
Ion Ratio Lower Upper
131 100
133 96.2 48.1 144.3
119 68.6 34.3 102.9





#67

Ethyl Benzene

Concen: 50.001 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. 0.00 min

Lab File: VY003434.D

Acq: 04 Sep 2020 16:04

Instrument :

MSVOA_Y

ClientSampleId :

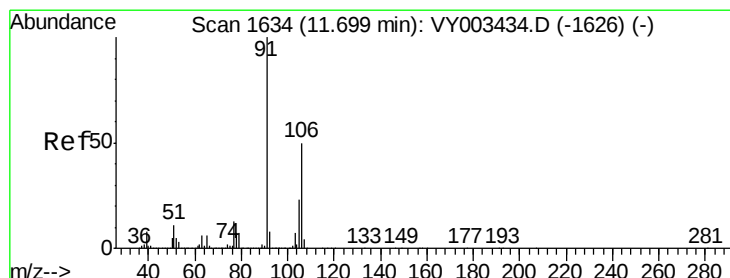
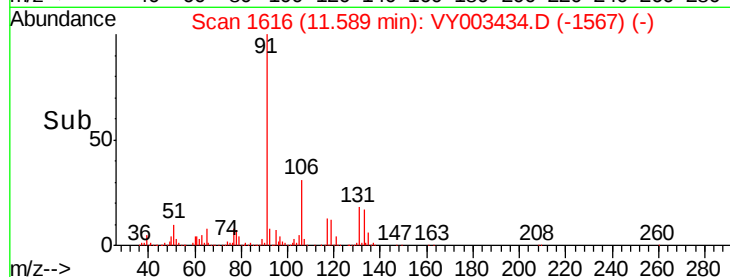
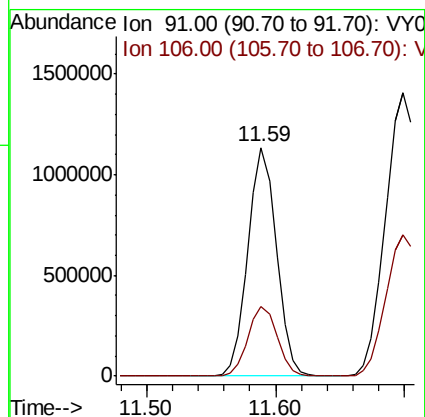
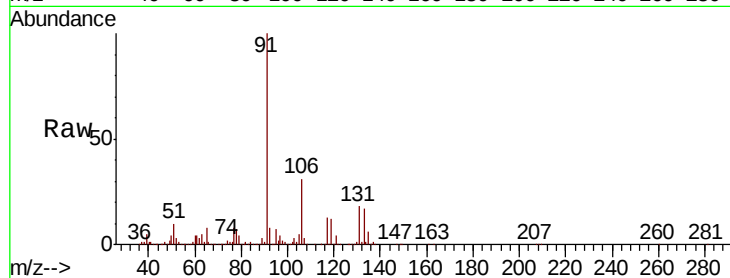
VSTDICCC050

Tot Ion: 91 Resp: 1732711

Ion Ratio Lower Upper

91 100

106 30.7 24.6 36.8



#68

m/p-Xylenes

Concen: 99.631 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. 0.00 min

Lab File: VY003434.D

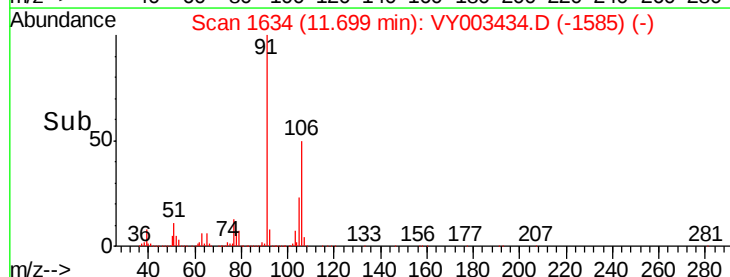
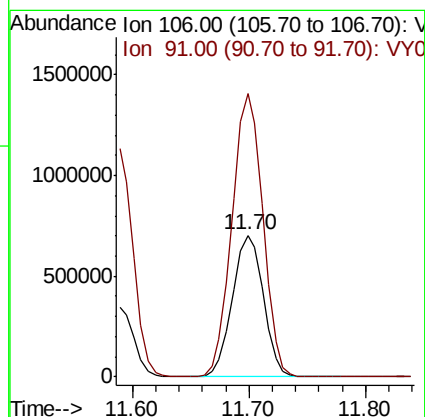
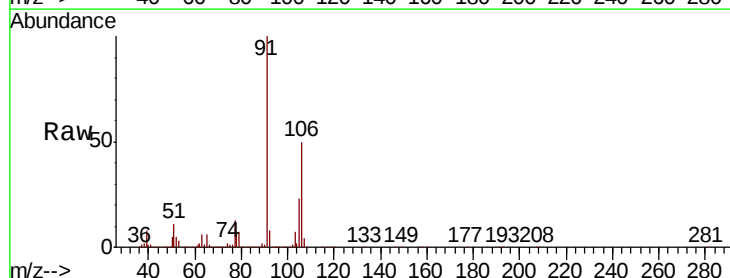
Acq: 04 Sep 2020 16:04

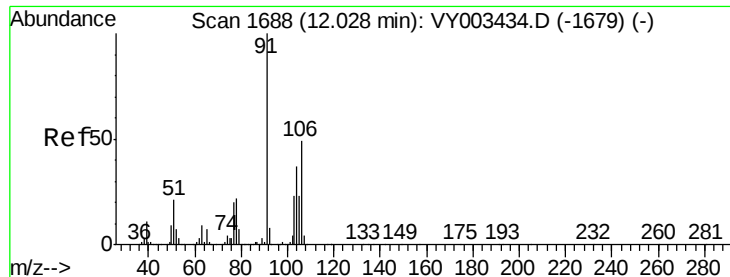
Tgt Ion: 106 Resp: 1302681

Ion Ratio Lower Upper

106 100

91 199.4 159.5 239.3

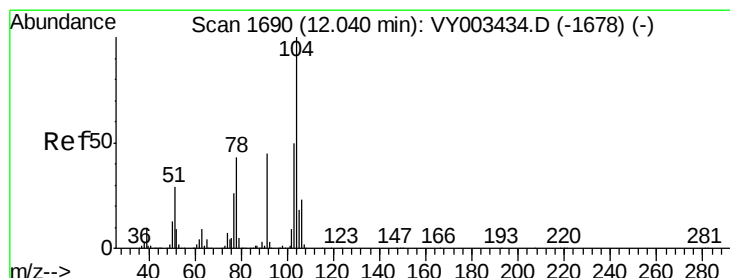
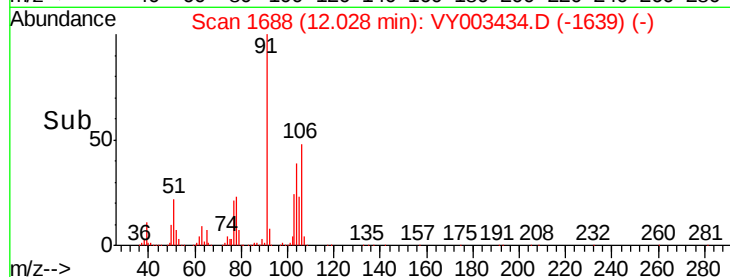
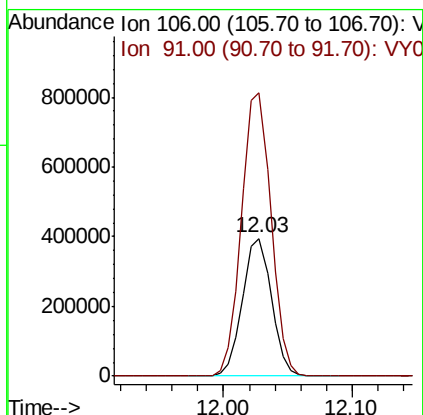
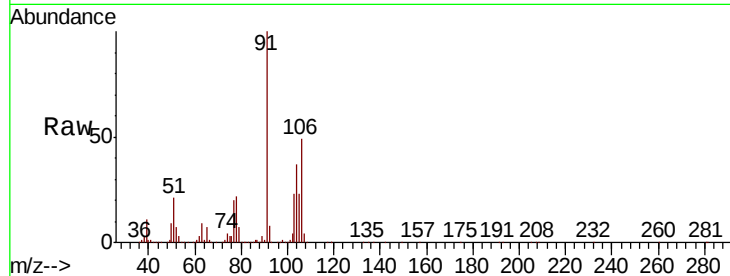




#69
o-Xylene
Concen: 49.958 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY003434.D
Acq: 04 Sep 2020 16:04

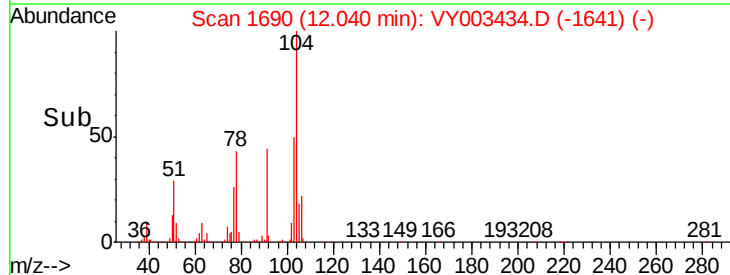
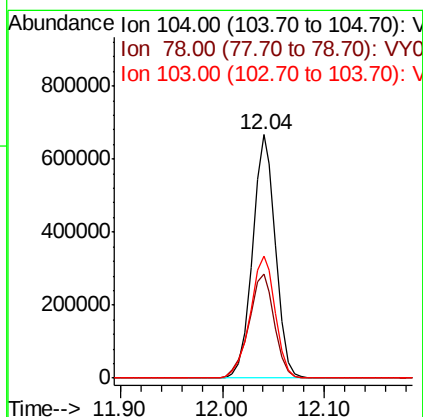
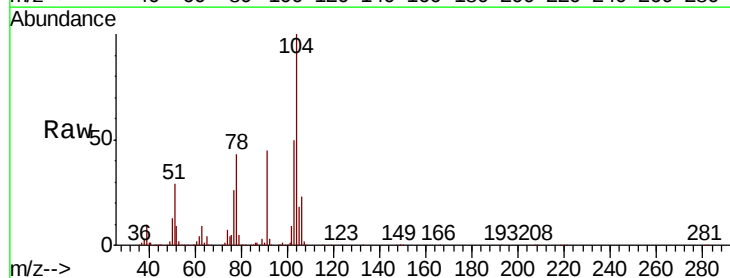
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

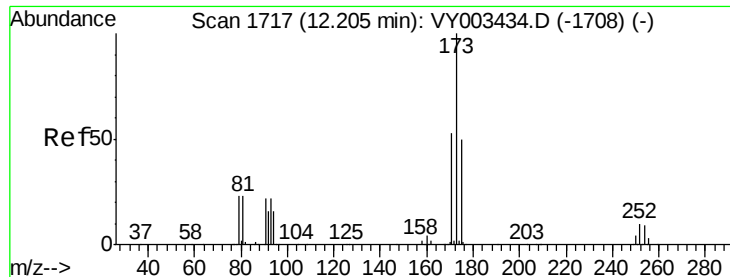
Tot Ion:106 Resp: 616268
Ion Ratio Lower Upper
106 100
91 209.3 104.7 313.9



#70
Styrene
Concen: 51.346 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY003434.D
Acq: 04 Sep 2020 16:04

Tgt Ion:104 Resp: 1045923
Ion Ratio Lower Upper
104 100
78 47.6 38.1 57.1
103 54.7 43.8 65.6

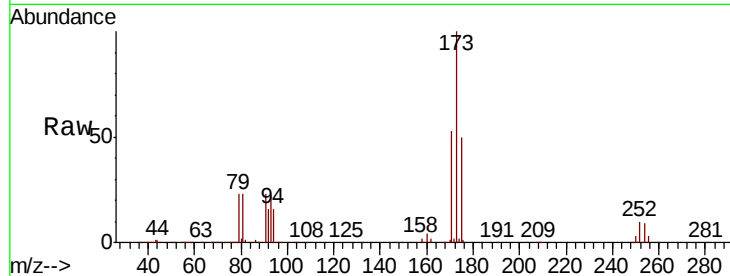




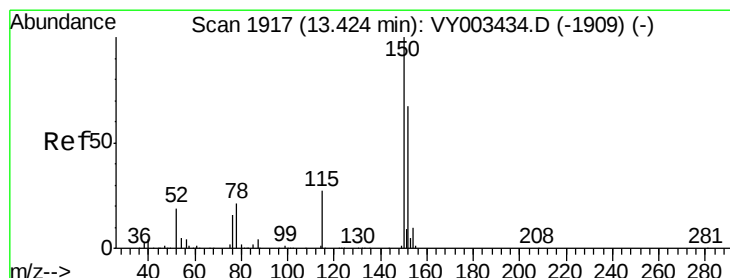
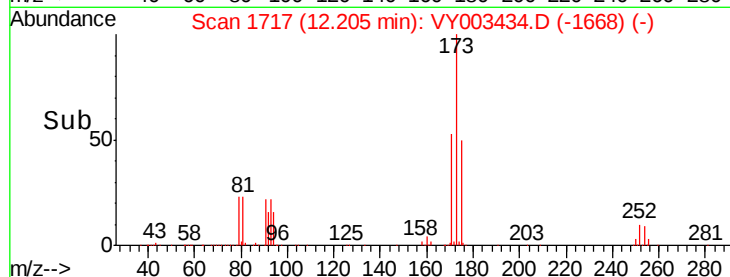
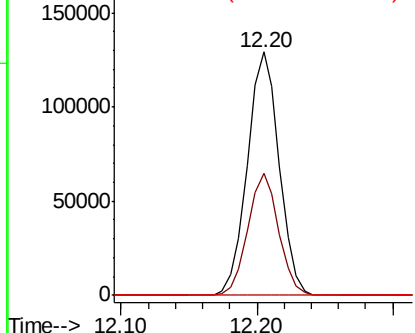
#71
Bromoform
Concen: 52.416 ug/l
RT: 12.20 min Scan# 1717
Delta R.T. 0.00 min
Lab File: VY003434.D
Acq: 04 Sep 2020 16:04

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.7	24.3	73.0
254	0.1	0.1	0.1#

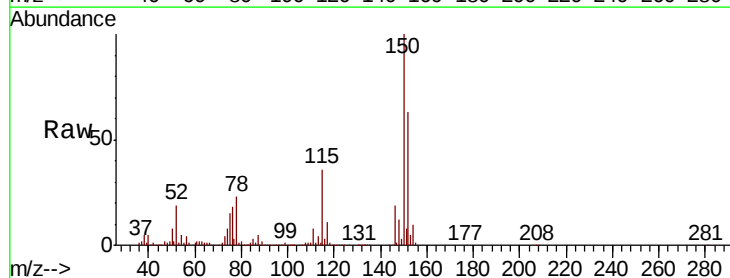


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

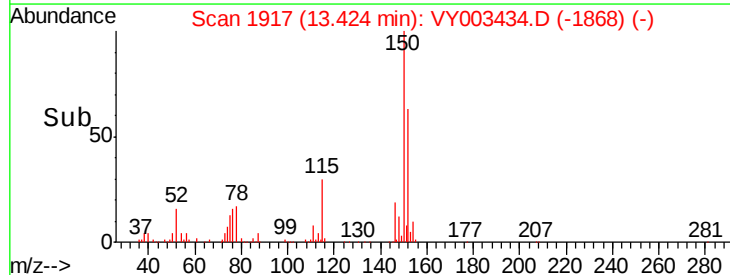
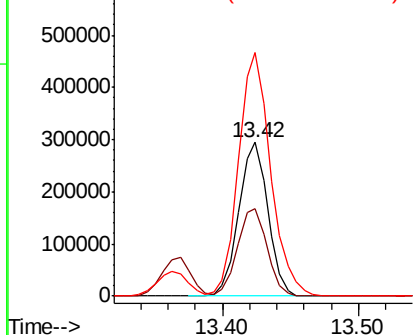


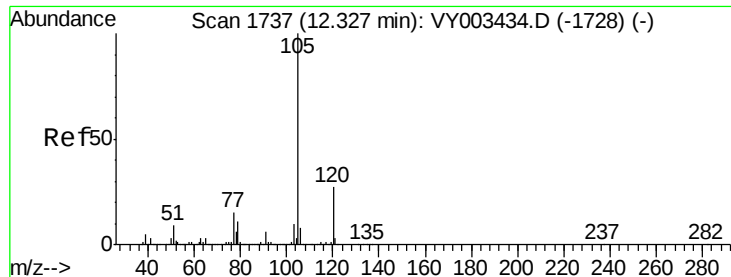
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY003434.D
Acq: 04 Sep 2020 16:04

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.9	28.9	86.8
150	175.0	0.0	350.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.614 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY003434.D

Acq: 04 Sep 2020 16:04

Instrument :

MSVOA_Y

ClientSampleId :

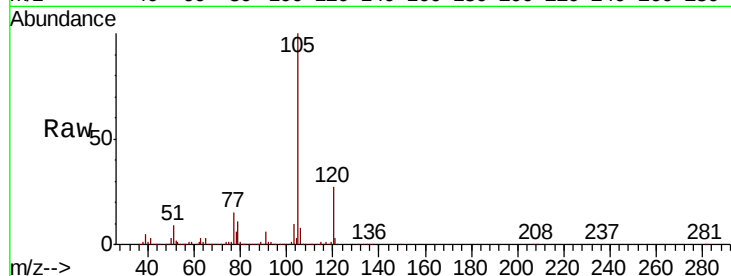
VSTDICCC050

Tot Ion:105 Resp: 1650433

Ion Ratio Lower Upper

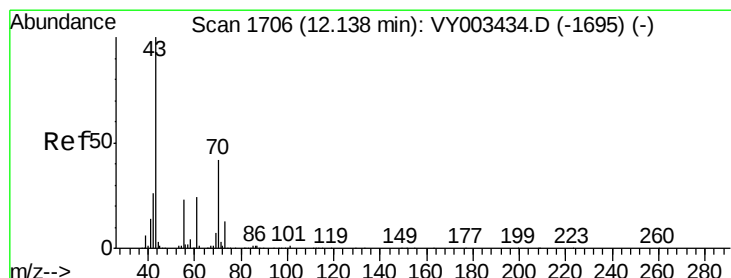
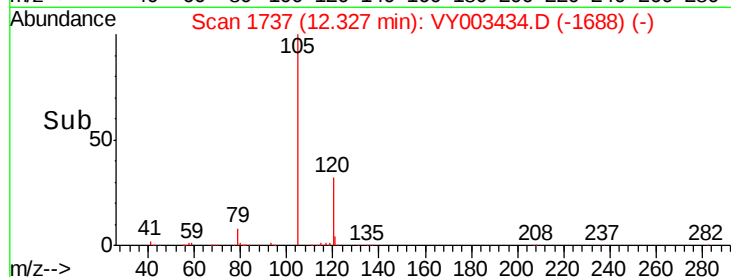
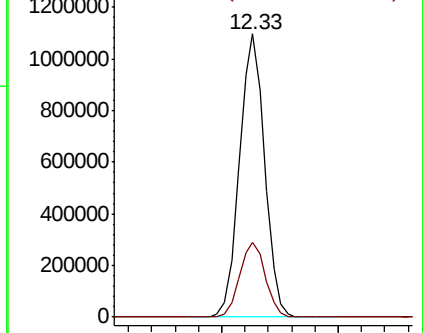
105 100

120 26.9 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 52.991 ug/l

RT: 12.14 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VY003434.D

Acq: 04 Sep 2020 16:04

Tgt Ion: 43 Resp: 532868

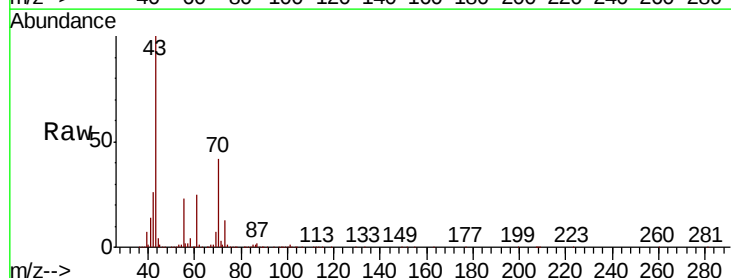
Ion Ratio Lower Upper

43 100

70 42.1 33.7 50.5

55 23.0 18.4 27.6

61 24.5 19.6 29.4

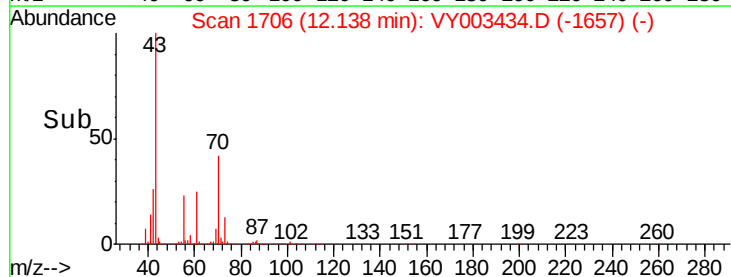
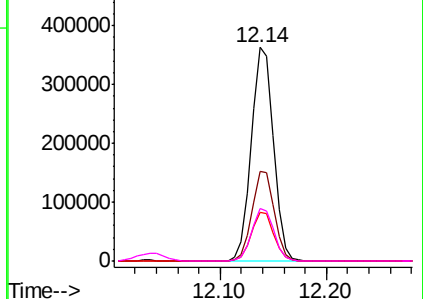


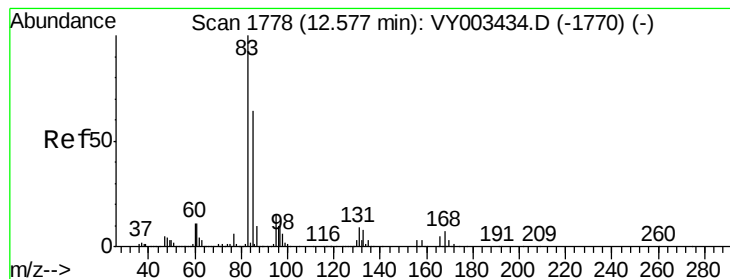
Abundance Ion 43.00 (42.70 to 43.70): VY0

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: 51.710 ug/l

RT: 12.58 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VY003434.D

Acq: 04 Sep 2020 16:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

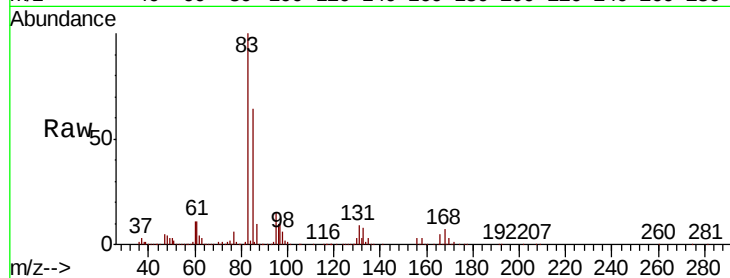
Tot Ion: 83 Resp: 342721

Ion Ratio Lower Upper

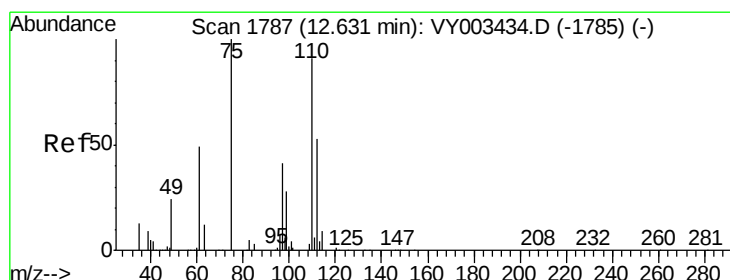
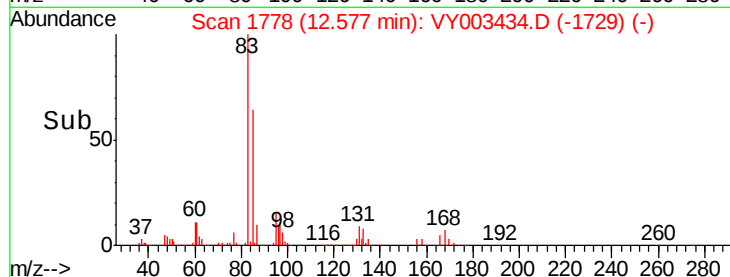
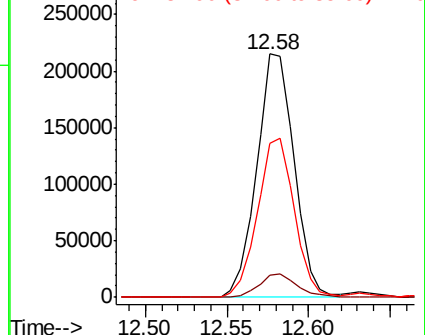
83 100

131 10.0 5.0 15.0

85 64.2 32.1 96.3



Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 130.80 (130.50 to 131.50): VY0
Ion 84.90 (84.60 to 85.60): VY0



#76

1,2,3-Trichloropropane

Concen: 97.145 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. 0.00 min

Lab File: VY003434.D

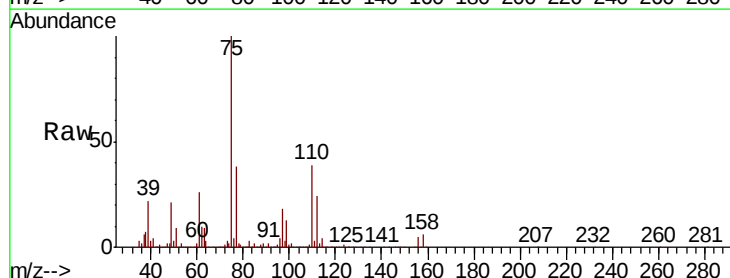
Acq: 04 Sep 2020 16:04

Tgt Ion: 75 Resp: 468336

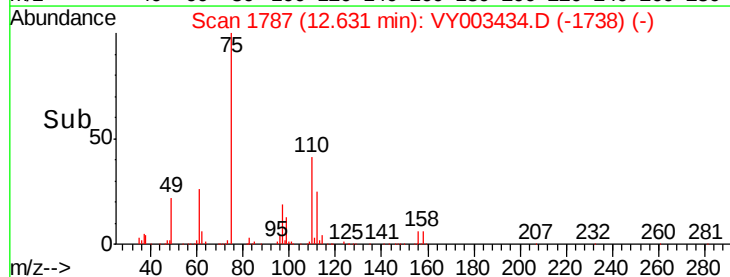
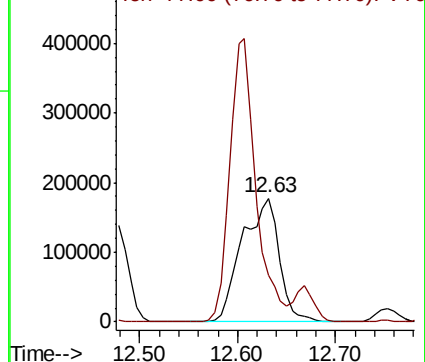
Ion Ratio Lower Upper

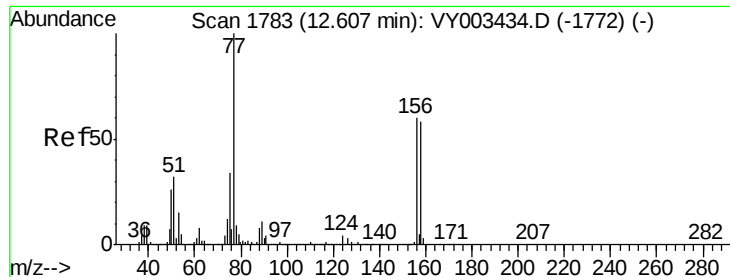
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0
Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 50.591 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY003434.D

Acq: 04 Sep 2020 16:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

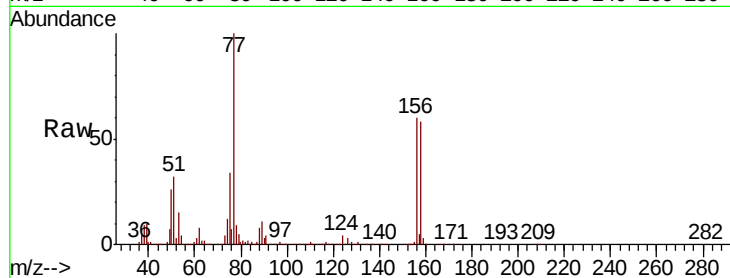
Tot Ion:156 Resp: 387658

Ion Ratio Lower Upper

156 100

77 193.4 96.7 290.1

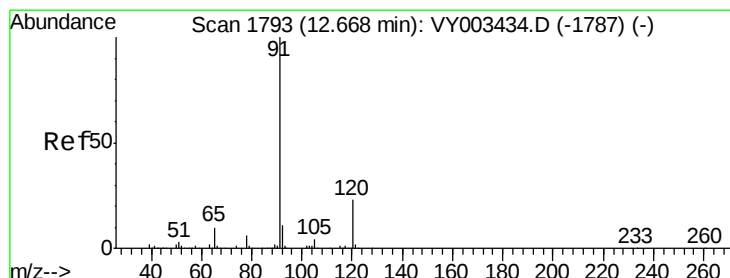
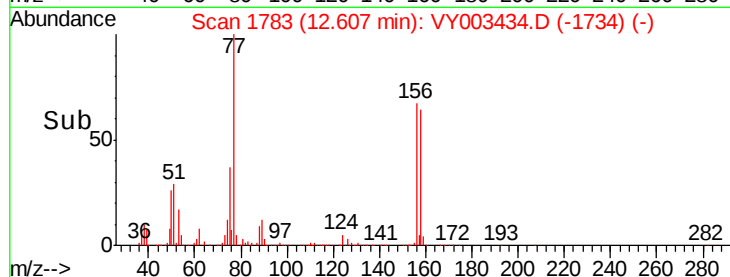
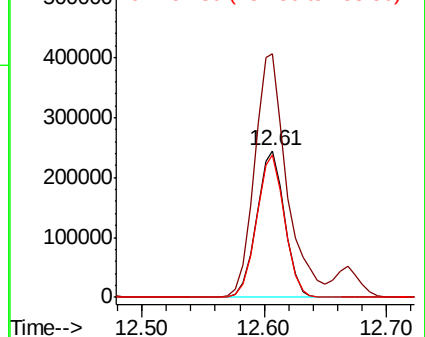
158 97.5 48.8 146.3



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: 50.309 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VY003434.D

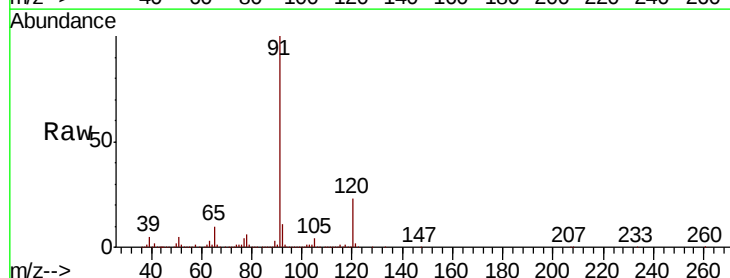
Acq: 04 Sep 2020 16:04

Tgt Ion: 91 Resp: 2002132

Ion Ratio Lower Upper

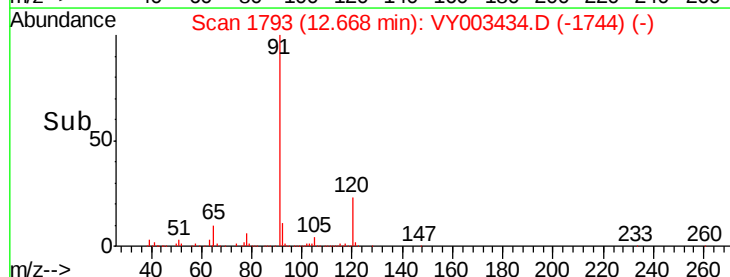
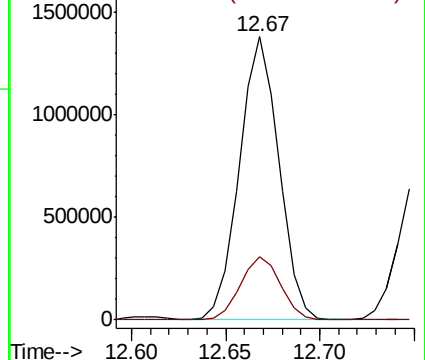
91 100

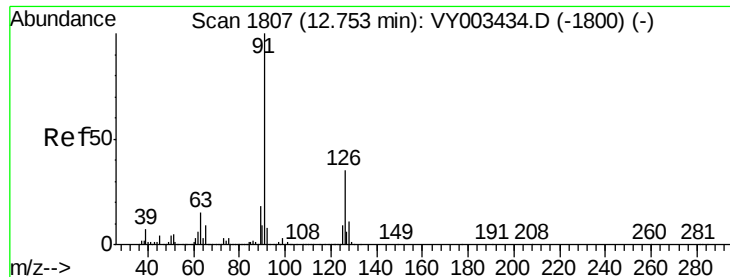
120 22.8 11.4 34.2



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

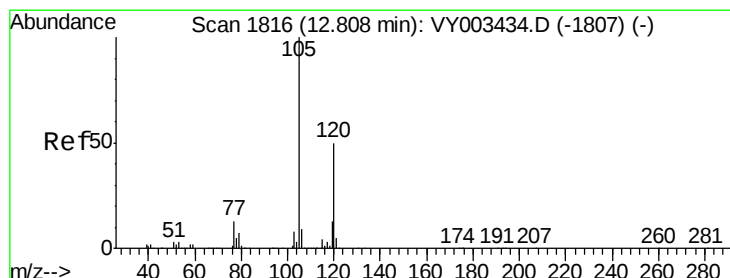
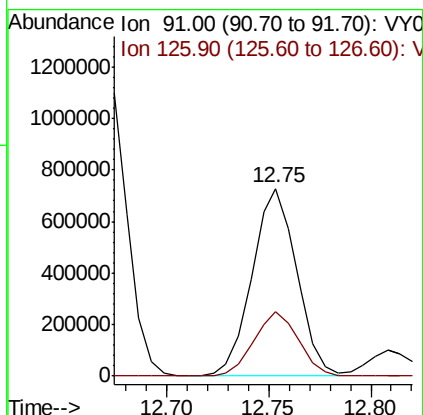
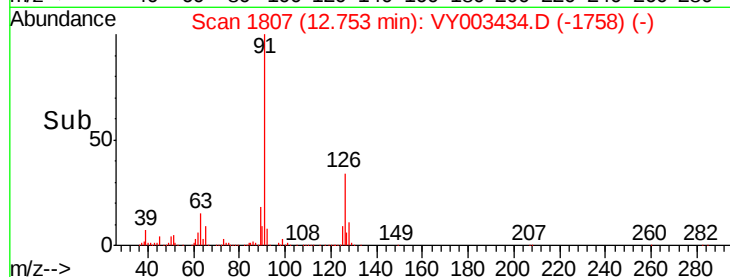
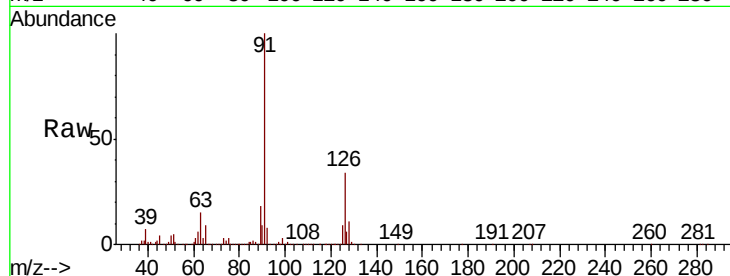




#79
 2-Chlorotoluene
 Concen: 50.509 ug/l
 RT: 12.75 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VY003434.D
 Acq: 04 Sep 2020 16:04

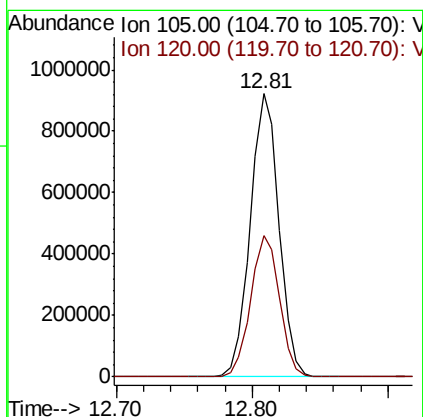
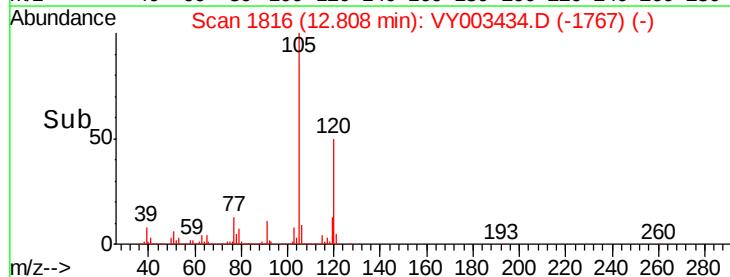
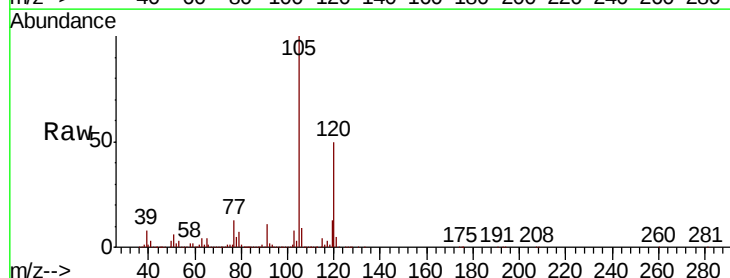
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

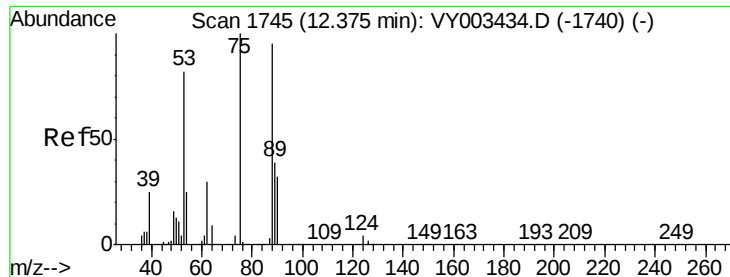
Tot Ion: 91 Resp: 1105263
 Ion Ratio Lower Upper
 91 100
 126 34.3 17.2 51.5



#80
 1,3,5-Trimethylbenzene
 Concen: 50.545 ug/l
 RT: 12.81 min Scan# 1816
 Delta R.T. 0.00 min
 Lab File: VY003434.D
 Acq: 04 Sep 2020 16:04

Tgt Ion: 105 Resp: 1362636
 Ion Ratio Lower Upper
 105 100
 120 50.2 25.1 75.3





#81

trans-1,4-Dichloro-2-butene

Concen: 52.003 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. 0.00 min

Lab File: VY003434.D

Acq: 04 Sep 2020 16:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

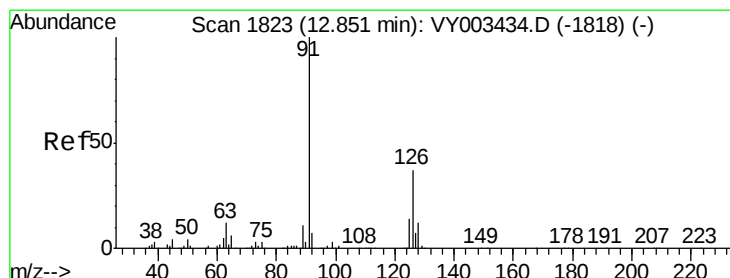
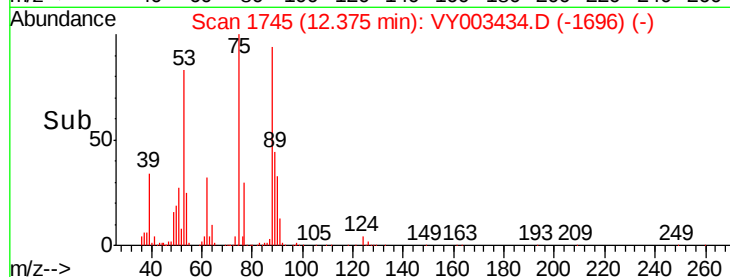
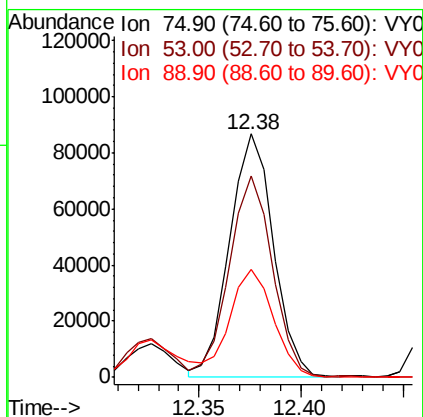
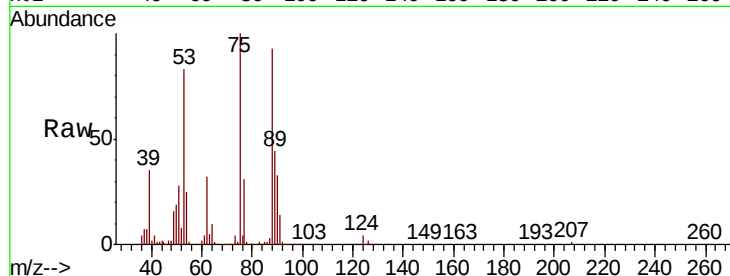
Tot Ion: 75 Resp: 127755

Ion Ratio Lower Upper

75 100

53 81.9 65.5 98.3

89 44.5 35.6 53.4



#82

4-Chlorotoluene

Concen: 49.994 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. 0.00 min

Lab File: VY003434.D

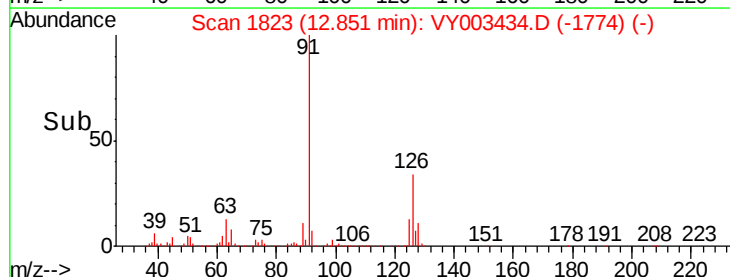
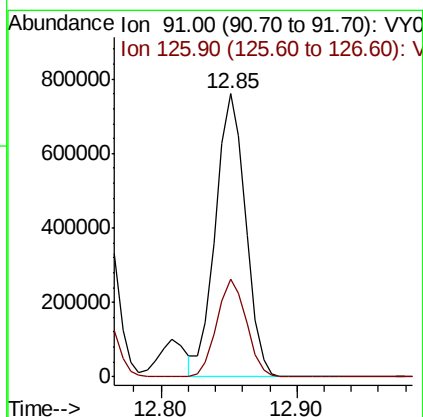
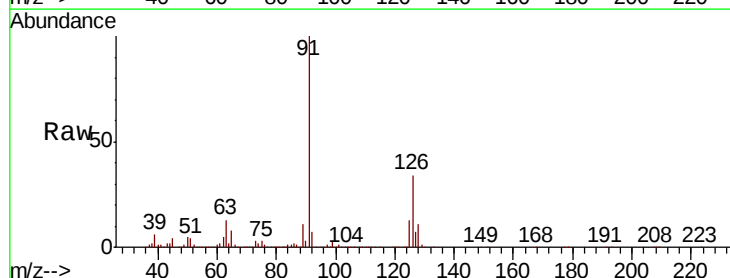
Acq: 04 Sep 2020 16:04

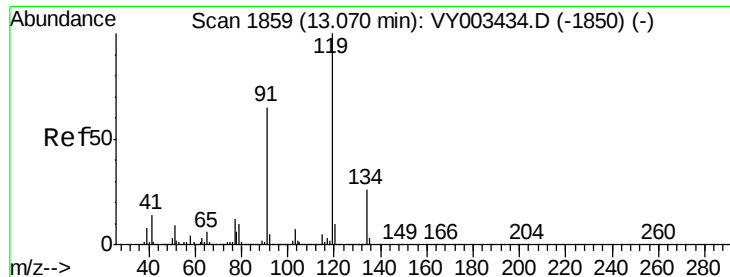
Tgt Ion: 91 Resp: 1165034

Ion Ratio Lower Upper

91 100

126 34.0 17.0 51.0





#83

tert-Butylbenzene

Concen: 50.570 ug/l

RT: 13.07 min Scan# 1859

Delta R.T. 0.00 min

Lab File: VY003434.D

Acq: 04 Sep 2020 16:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

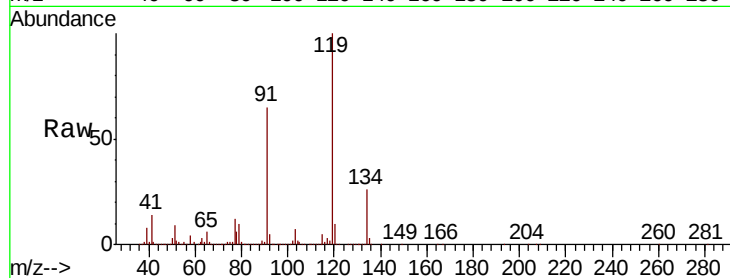
Tot Ion:119 Resp: 1168103

Ion Ratio Lower Upper

119 100

91 64.7 32.4 97.0

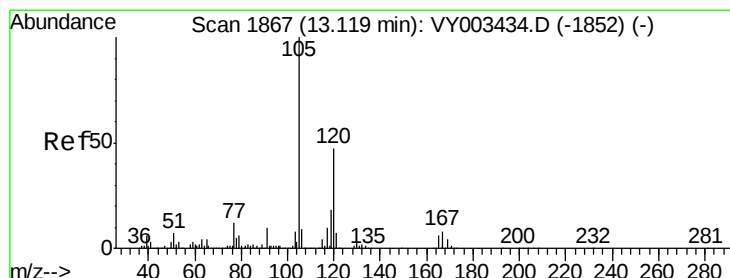
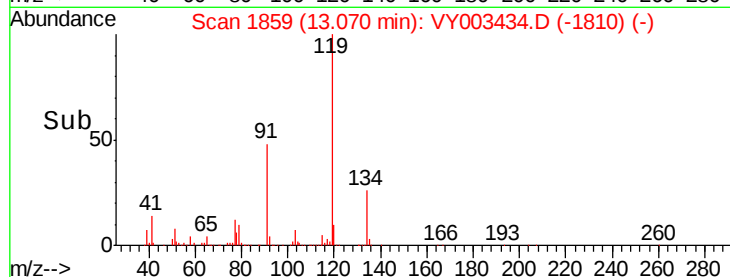
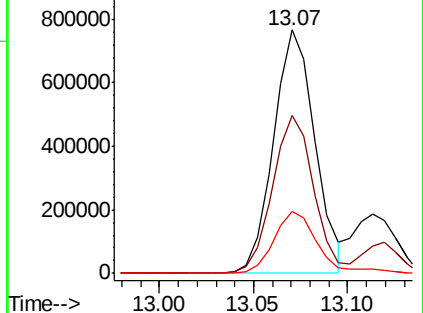
134 26.8 13.4 40.2



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VY0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 50.237 ug/l

RT: 13.12 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VY003434.D

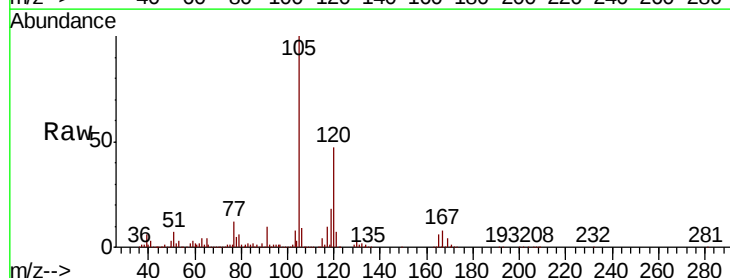
Acq: 04 Sep 2020 16:04

Tgt Ion:105 Resp: 1365050

Ion Ratio Lower Upper

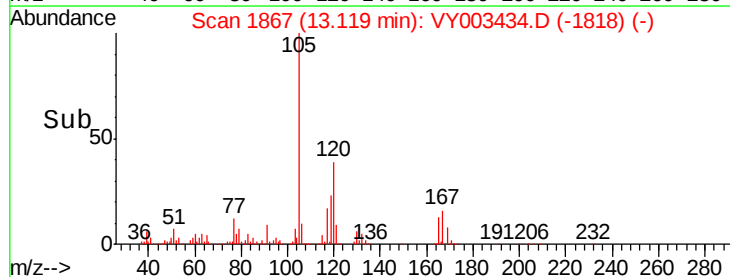
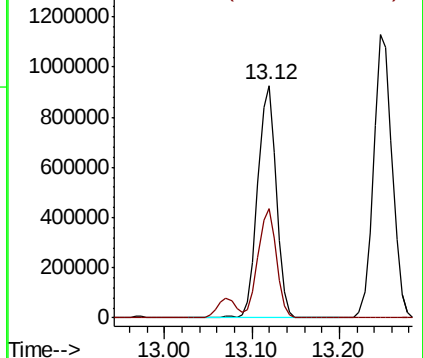
105 100

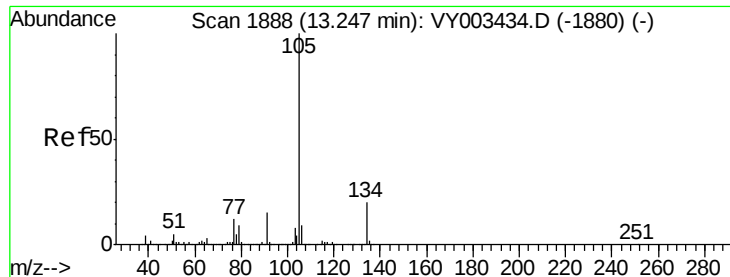
120 46.5 23.3 69.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 50.215 ug/l

RT: 13.25 min Scan# 1888

Delta R.T. 0.00 min

Lab File: VY003434.D

Acq: 04 Sep 2020 16:04

Instrument :

MSVOA_Y

ClientSampleId :

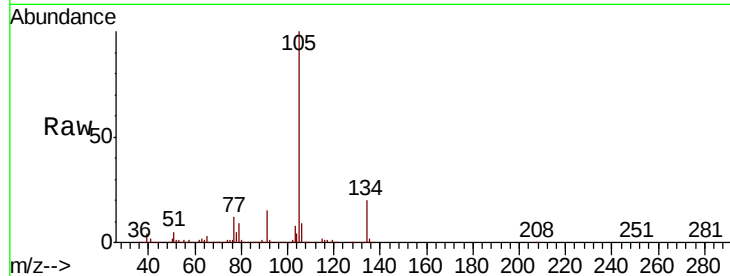
VSTDICCC050

Tot Ion:105 Resp: 1678134

Ion Ratio Lower Upper

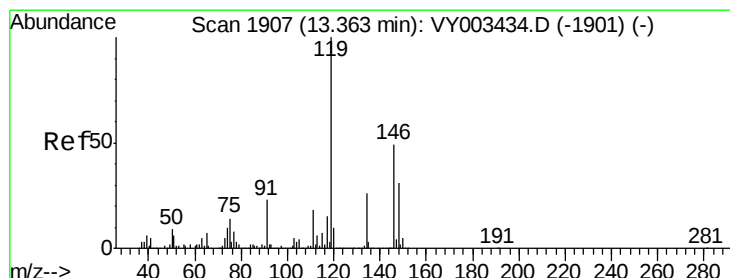
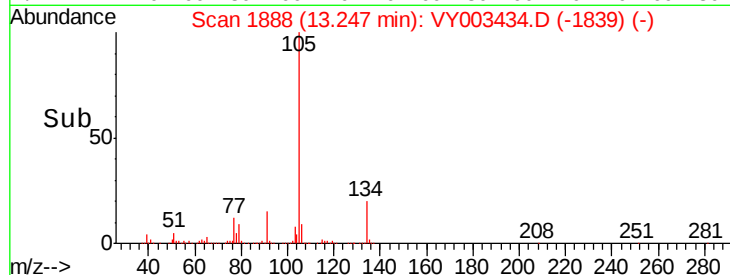
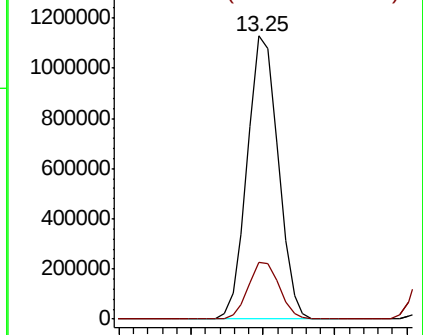
105 100

134 20.3 10.2 30.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 50.350 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. 0.00 min

Lab File: VY003434.D

Acq: 04 Sep 2020 16:04

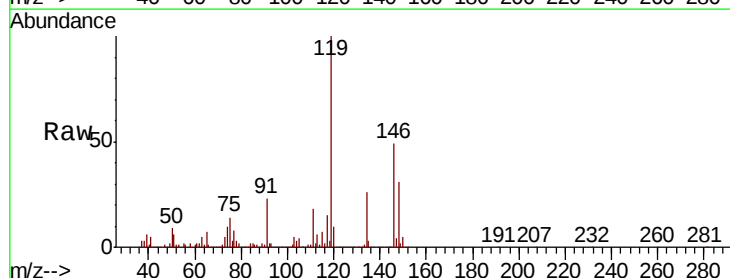
Tgt Ion:119 Resp: 1495941

Ion Ratio Lower Upper

119 100

134 26.3 13.2 39.5

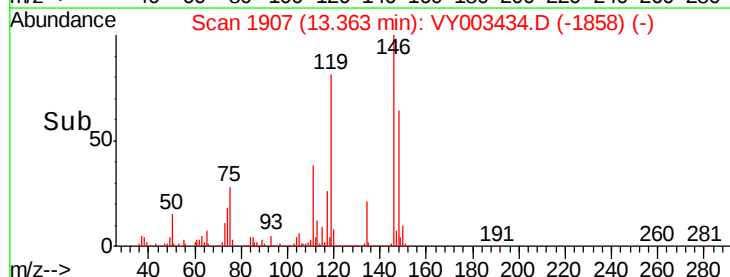
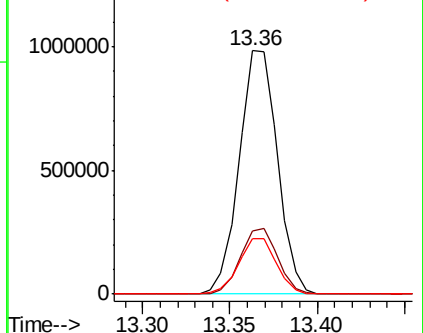
91 22.5 11.3 33.8

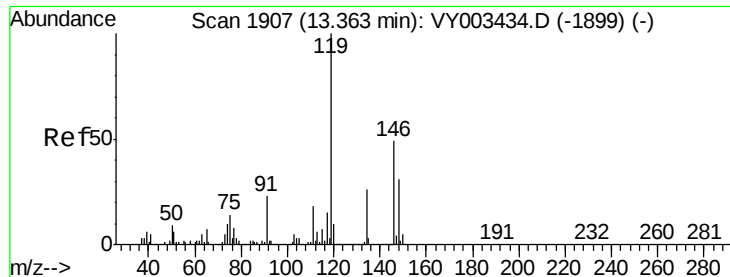


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

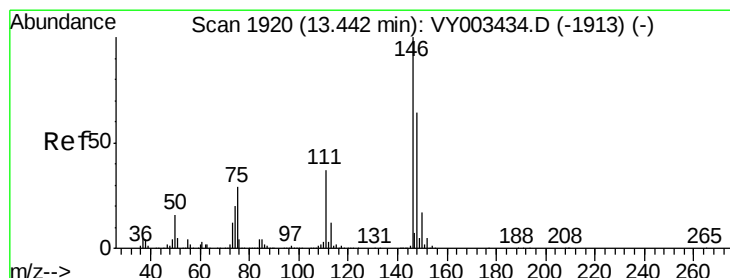
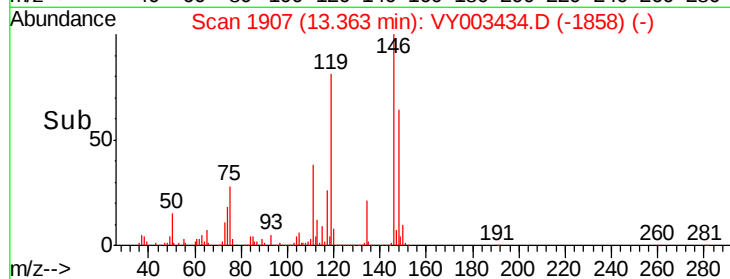
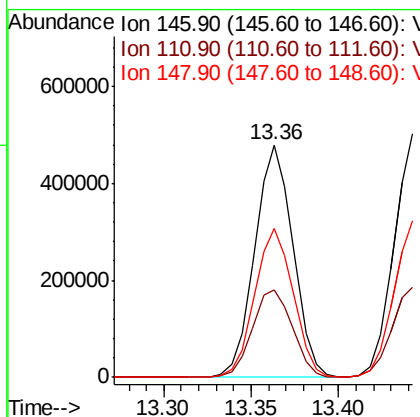
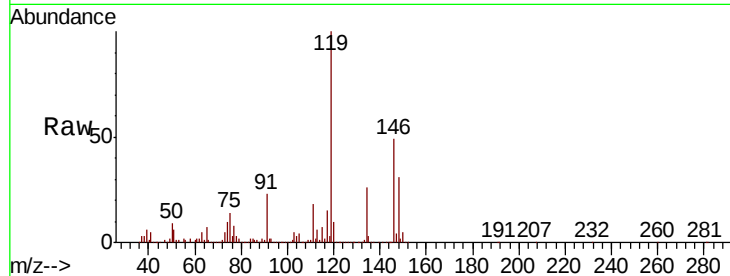




#87
 1,3-Dichlorobenzene
 Concen: 49.023 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VY003434.D
 Acq: 04 Sep 2020 16:04

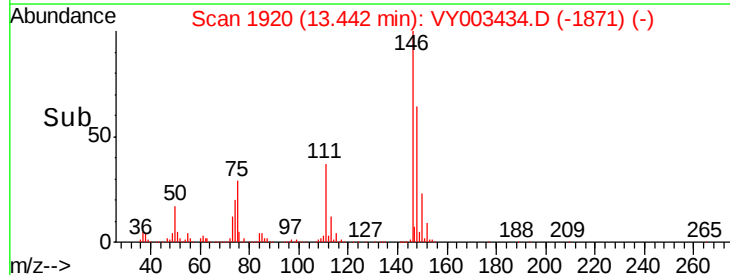
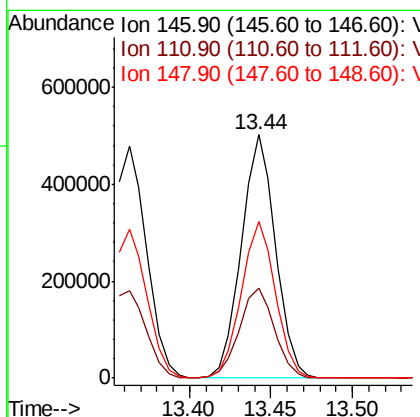
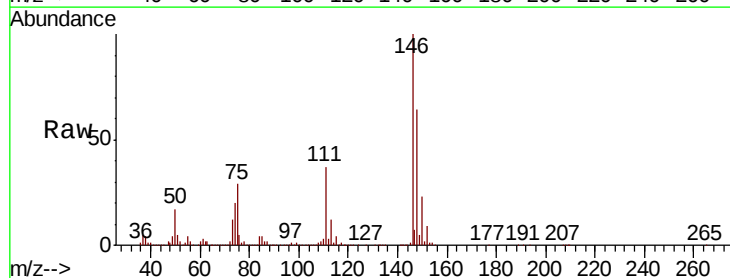
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

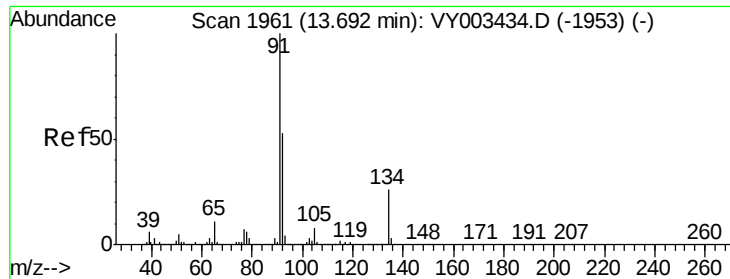
Tot Ion:146 Resp: 728140
 Ion Ratio Lower Upper
 146 100
 111 39.4 19.7 59.1
 148 64.4 32.2 96.6



#88
 1,4-Dichlorobenzene
 Concen: 48.973 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. 0.00 min
 Lab File: VY003434.D
 Acq: 04 Sep 2020 16:04

Tgt Ion:146 Resp: 732105
 Ion Ratio Lower Upper
 146 100
 111 38.2 19.1 57.3
 148 64.3 32.1 96.5





#89

n-Butylbenzene

Concen: 49.658 ug/l

RT: 13.69 min Scan# 1961

Delta R.T. 0.00 min

Lab File: VY003434.D

Acq: 04 Sep 2020 16:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

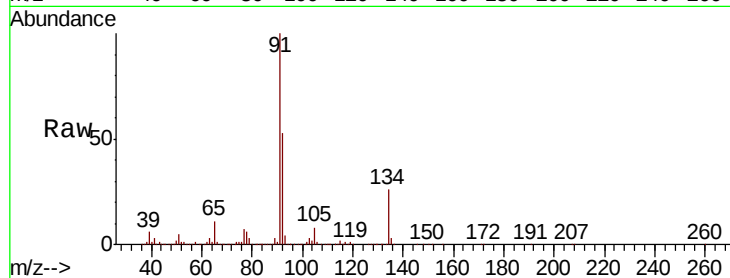
Tot Ion: 91 Resp: 1483020

Ion Ratio Lower Upper

91 100

92 53.4 26.7 80.1

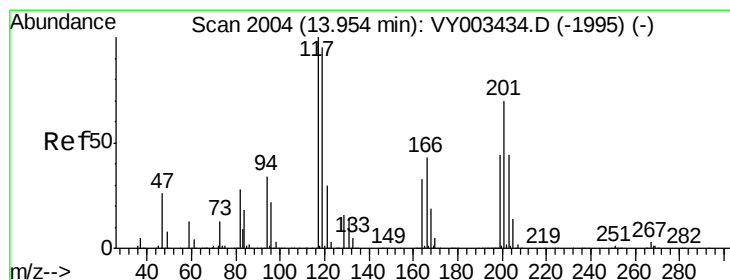
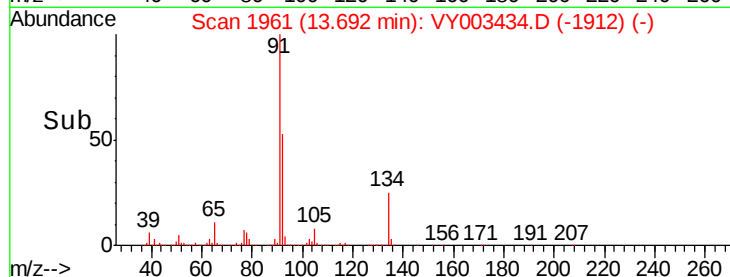
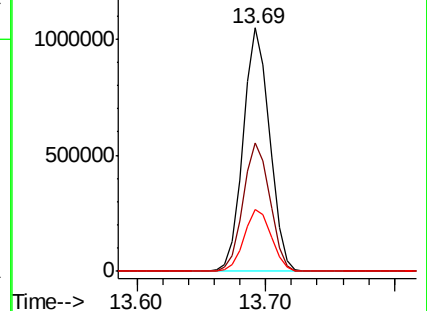
134 26.0 13.0 39.0



Abundance Ion 91.00 (90.70 to 91.70): VY003434.D (-1953) (-)

Ion 92.00 (91.70 to 92.70): VY003434.D (-1953) (-)

Ion 134.00 (133.70 to 134.70): VY003434.D (-1953) (-)



#90

Hexachloroethane

Concen: 50.644 ug/l

RT: 13.95 min Scan# 2004

Delta R.T. 0.00 min

Lab File: VY003434.D

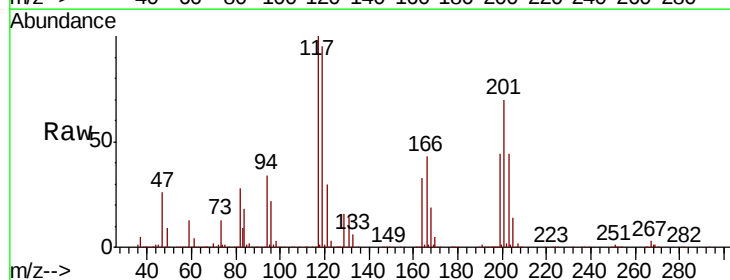
Acq: 04 Sep 2020 16:04

Tgt Ion: 117 Resp: 273486

Ion Ratio Lower Upper

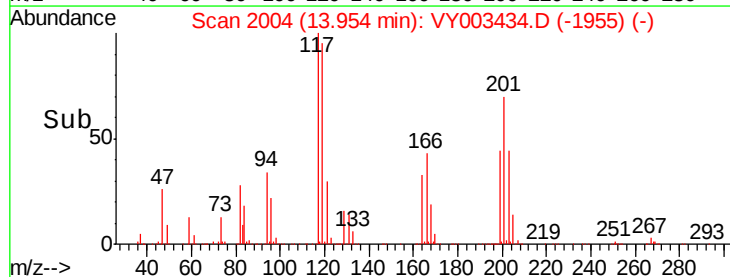
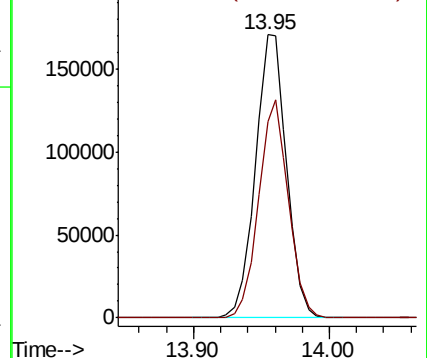
117 100

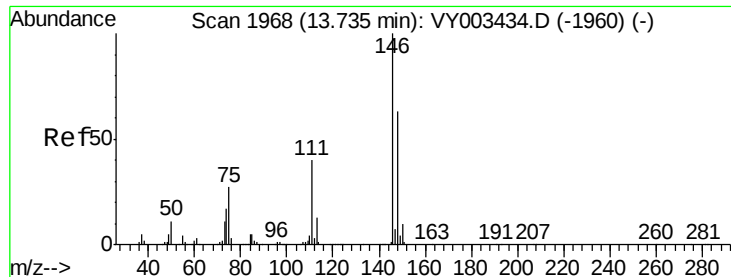
201 73.8 36.9 110.7



Abundance Ion 116.80 (116.50 to 117.50): VY003434.D (-1995) (-)

Ion 200.70 (200.40 to 201.40): VY003434.D (-1995) (-)

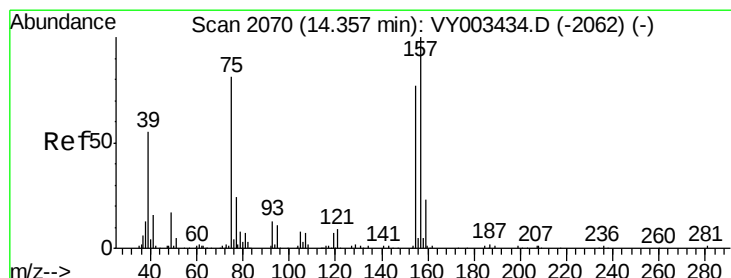
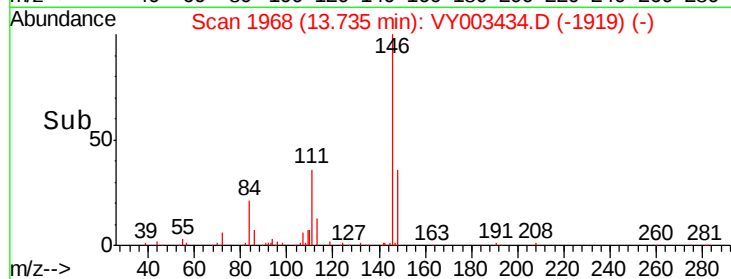
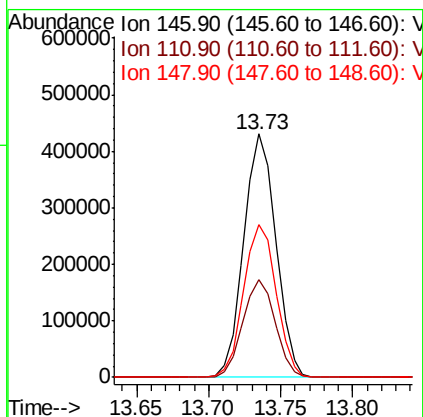
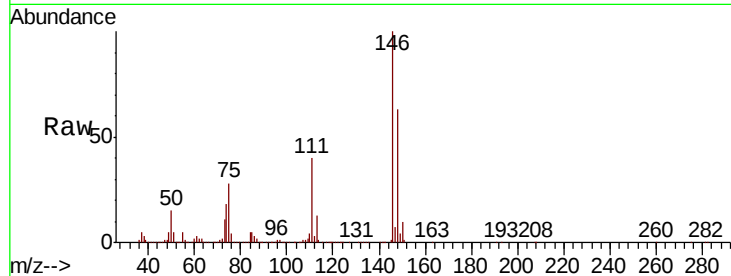




#91
 1,2-Dichlorobenzene
 Concen: 49.325 ug/l
 RT: 13.73 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VY003434.D
 Acq: 04 Sep 2020 16:04

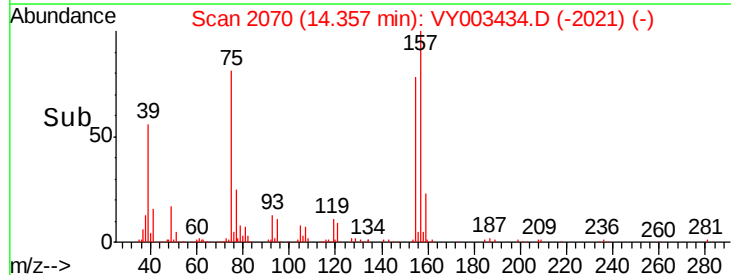
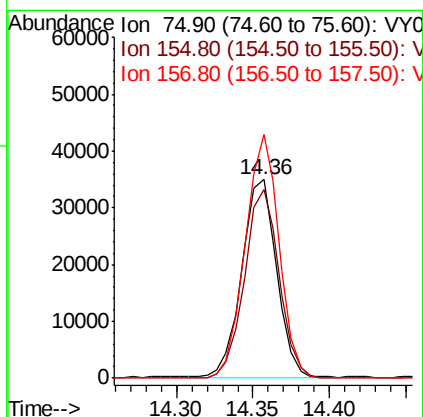
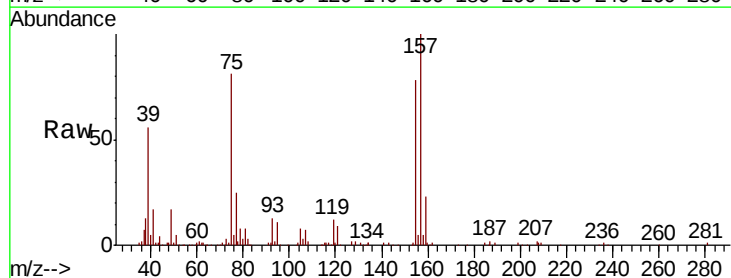
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

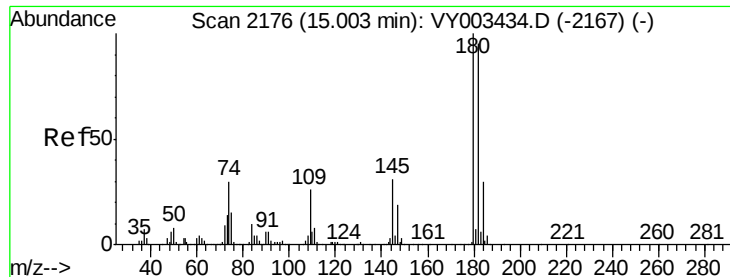
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.5	20.3	60.8
148	63.7	31.9	95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.370 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. 0.00 min
 Lab File: VY003434.D
 Acq: 04 Sep 2020 16:04

Tgt Ion	Ratio	Lower	Upper
75	100		
155	94.8	47.4	142.2
157	120.0	60.0	180.0

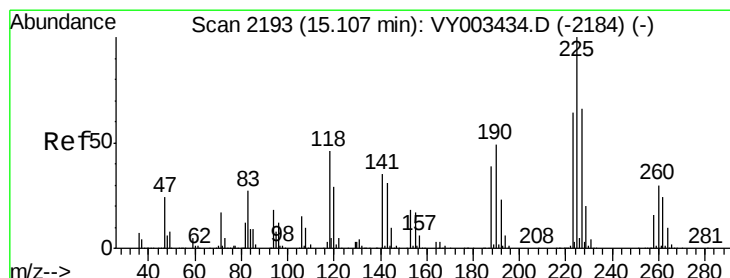
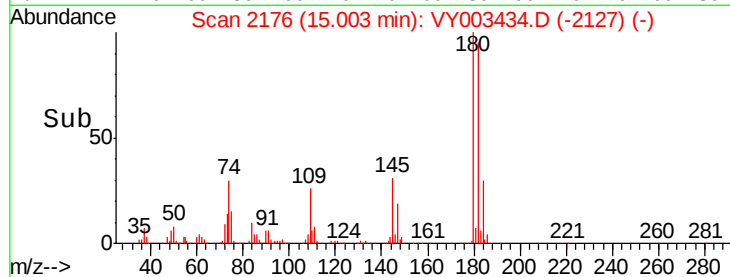
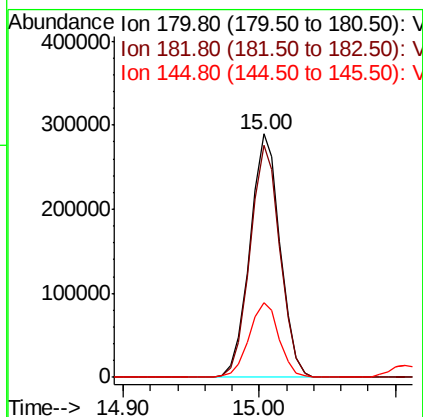
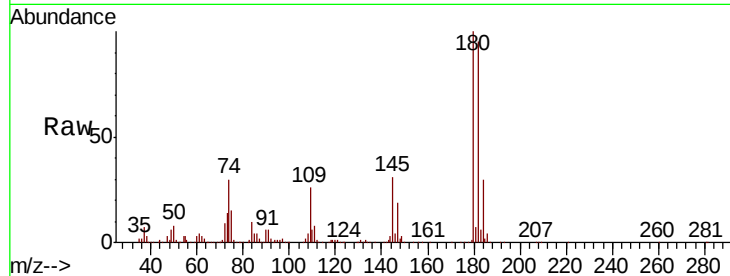




#93
 1,2,4-Trichlorobenzene
 Concen: 49.135 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VY003434.D
 Acq: 04 Sep 2020 16:04

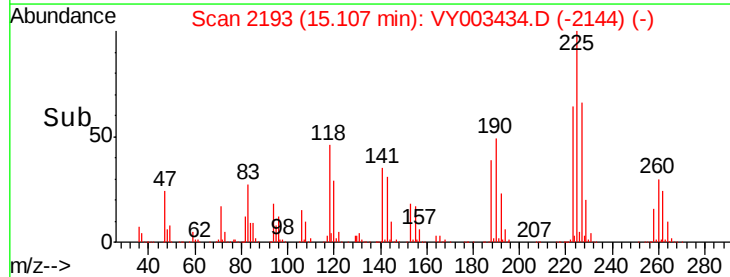
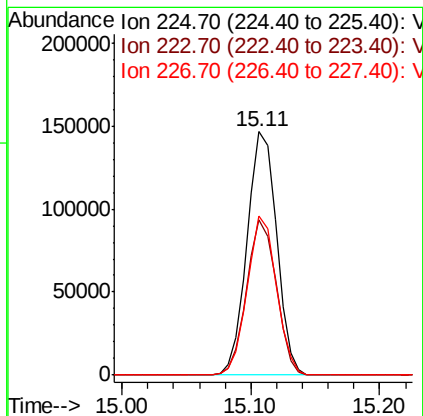
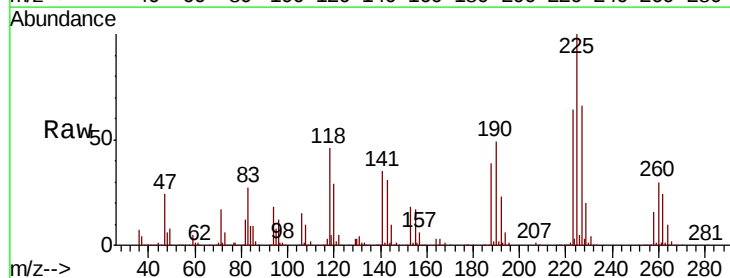
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

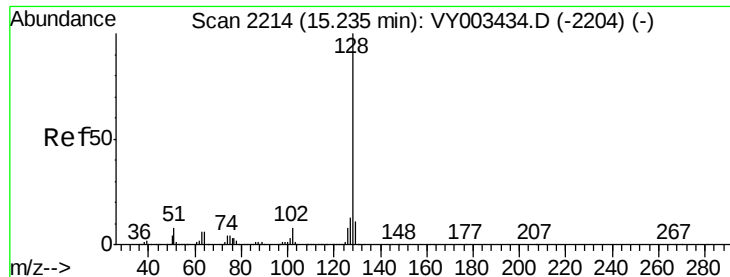
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.1	47.5	142.6
145	30.4	15.2	45.6



#94
 Hexachlorobutadiene
 Concen: 47.433 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. 0.00 min
 Lab File: VY003434.D
 Acq: 04 Sep 2020 16:04

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.0	32.0	96.0
227	64.4	32.2	96.6





#95

Naphthalene

Concen: 52.228 ug/l

RT: 15.23 min Scan# 2214

Delta R.T. 0.00 min

Lab File: VY003434.D

Acq: 04 Sep 2020 16:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

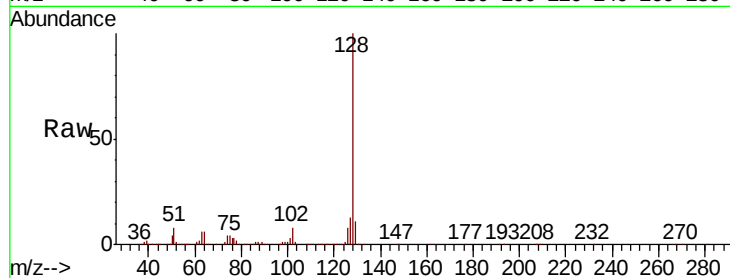
Tot Ion:128 Resp: 995707

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

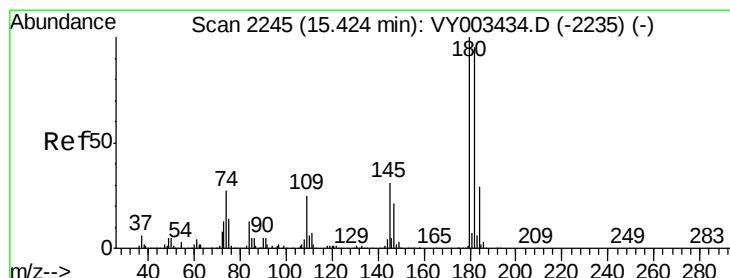
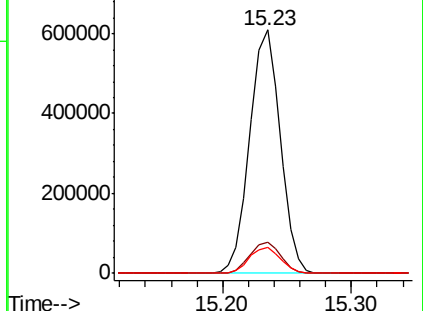
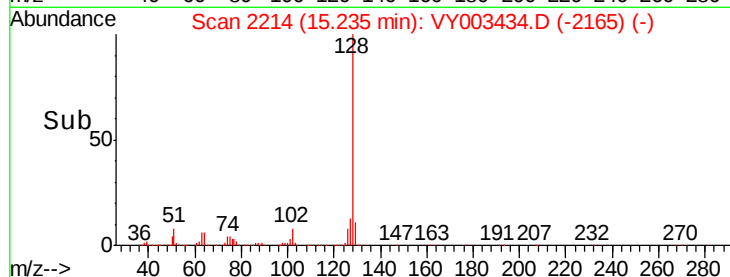
129 10.9 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 48.896 ug/l

RT: 15.42 min Scan# 2245

Delta R.T. 0.00 min

Lab File: VY003434.D

Acq: 04 Sep 2020 16:04

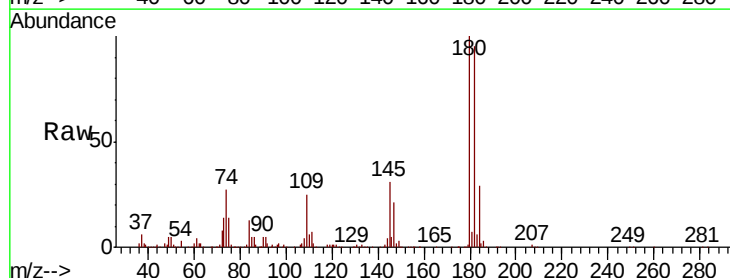
Tgt Ion:180 Resp: 397163

Ion Ratio Lower Upper

180 100

182 94.1 47.0 141.2

145 31.8 15.9 47.7



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

