

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY110819\
 Data File : VY000634.D
 Acq On : 08 Nov 2019 21:29
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Nov 11 04:47:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 30 13:30:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	247387	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	436731	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	399711	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	195984	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	135859	53.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.14%	
35) Dibromofluoromethane	7.73	113	120796	47.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.22%	
50) Toluene-d8	10.18	98	489062	50.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.54%	
62) 4-Bromofluorobenzene	12.48	95	180874	48.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.68%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.90	85	120150	49.338	ug/l	97
3) Chloromethane	2.11	50	166463	49.621	ug/l	97
4) Vinyl Chloride	2.26	62	155801	50.012	ug/l	99
5) Bromomethane	2.65	94	99644	53.339	ug/l	98
6) Chloroethane	2.80	64	102068	52.350	ug/l	98
7) Trichlorofluoromethane	3.13	101	221940	52.753	ug/l	100
8) Diethyl Ether	3.54	74	83067	55.567	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.91	101	129122	50.766	ug/l	96
10) Methyl Iodide	4.10	142	172965	51.557	ug/l	100
11) Tert butyl alcohol	4.97	59	67598	271.246	ug/l	100
12) 1,1-Dichloroethene	3.88	96	128616	52.048	ug/l	94
13) Acrolein	3.74	56	53998	248.749	ug/l	96
14) Allyl chloride	4.49	41	227346	56.579	ug/l	99
15) Acrylonitrile	5.18	53	217020	283.396	ug/l	97
16) Acetone	3.96	43	160424	227.358	ug/l	98
17) Carbon Disulfide	4.21	76	396091	50.820	ug/l	98
18) Methyl Acetate	4.49	43	133175	60.701	ug/l	100
19) Methyl tert-butyl Ether	5.24	73	388833	56.593	ug/l	96
20) Methylene Chloride	4.73	84	161968	53.571	ug/l	93
21) trans-1,2-Dichloroethene	5.24	96	148912	53.303	ug/l	98
22) Diisopropyl ether	6.13	45	514106	58.865	ug/l	95
23) Vinyl Acetate	6.08	43	1565053	283.875	ug/l	99
24) 1,1-Dichloroethane	6.03	63	263695	55.733	ug/l	100
25) 2-Butanone	7.00	43	300389	266.753	ug/l	97
26) 2,2-Dichloropropane	7.00	77	219839	50.843	ug/l	97
27) cis-1,2-Dichloroethene	7.00	96	172587	56.497	ug/l	99
28) Bromochloromethane	7.35	49	121499	55.790	ug/l	93
29) Tetrahydrofuran	7.36	42	198744	288.493	ug/l	99
30) Chloroform	7.52	83	269426	56.290	ug/l	99
31) Cyclohexane	7.80	56	248502	50.146	ug/l	95
32) 1,1,1-Trichloroethane	7.72	97	230350	54.000	ug/l	99
36) 1,1-Dichloropropene	7.93	75	207417	50.239	ug/l	100
37) Ethyl Acetate	7.09	43	128913	52.592	ug/l	98
38) Carbon Tetrachloride	7.91	117	195226	49.142	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	258649	48.492	ug/l	98
40) Benzene	8.17	78	625550	51.680	ug/l	98
41) Methacrylonitrile	7.36	41	178519	130.551	ug/l #	7
42) 1,2-Dichloroethane	8.25	62	183381	53.416	ug/l	99
43) Isopropyl Acetate	8.28	43	256692	55.747	ug/l	99
44) Trichloroethene	8.95	130	162270	50.846	ug/l	95
45) 1,2-Dichloropropane	9.22	63	159331	53.483	ug/l	92
46) Dibromomethane	9.31	93	87223	53.237	ug/l	98
47) Bromodichloromethane	9.50	83	215603	55.460	ug/l	99
48) Methyl methacrylate	9.30	41	114954	57.138	ug/l	95
49) 1,4-Dioxane	9.31	88	23731	1076.230	ug/l	91
51) 4-Methyl-2-Pentanone	10.08	43	689764	281.751	ug/l	99
52) Toluene	10.25	92	395497	51.681	ug/l	98
53) t-1,3-Dichloropropene	10.47	75	226126	54.438	ug/l	96
54) cis-1,3-Dichloropropene	9.94	75	256314	53.863	ug/l	98
55) 1,1,2-Trichloroethane	10.65	97	126309	53.301	ug/l	97
56) Ethyl methacrylate	10.52	69	193131	57.502	ug/l	99
57) 1,3-Dichloropropane	10.80	76	224091	54.030	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.79	63	399291	262.964	ug/l	98
59) 2-Hexanone	10.83	43	486909	272.977	ug/l	99
60) Dibromochloromethane	10.99	129	144740	53.324	ug/l	100
61) 1,2-Dibromoethane	11.09	107	122978	53.974	ug/l	99
64) Tetrachloroethene	10.72	164	167032	50.537	ug/l	98
65) Chlorobenzene	11.52	112	422550	52.141	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	149750	53.280	ug/l	98
67) Ethyl Benzene	11.59	91	784487	52.597	ug/l	99
68) m/p-Xylenes	11.70	106	593729	102.851	ug/l	97
69) o-Xylene	12.03	106	280786	51.754	ug/l	99
70) Styrene	12.05	104	493910	53.165	ug/l	100
71) Bromoform	12.21	173	88091	54.492	ug/l #	99
73) Isopropylbenzene	12.33	105	749720	51.759	ug/l	100
74) N-amyl acetate	12.14	43	237719	57.304	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.58	83	156828	54.682	ug/l	97
76) 1,2,3-Trichloropropane	12.63	75	213989	95.893	ug/l #	100
77) Bromobenzene	12.61	156	167215	50.907	ug/l	95
78) n-propylbenzene	12.67	91	914490	52.325	ug/l	99
79) 2-Chlorotoluene	12.75	91	513415	52.916	ug/l	96
80) 1,3,5-Trimethylbenzene	12.81	105	636999	52.803	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	54345	54.603	ug/l	96
82) 4-Chlorotoluene	12.85	91	547553	54.443	ug/l	97
83) tert-Butylbenzene	13.08	119	528274	51.287	ug/l	98
84) 1,2,4-Trimethylbenzene	13.12	105	641059	53.372	ug/l	97
85) sec-Butylbenzene	13.25	105	764942	52.125	ug/l	99
86) p-Isopropyltoluene	13.37	119	681154	52.079	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	328550	51.067	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	332106	51.657	ug/l	100
89) n-Butylbenzene	13.69	91	665700	51.605	ug/l	100
90) Hexachloroethane	13.96	117	127137	52.581	ug/l	97
91) 1,2-Dichlorobenzene	13.73	146	303283	51.955	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.36	75	26717	52.637	ug/l	97

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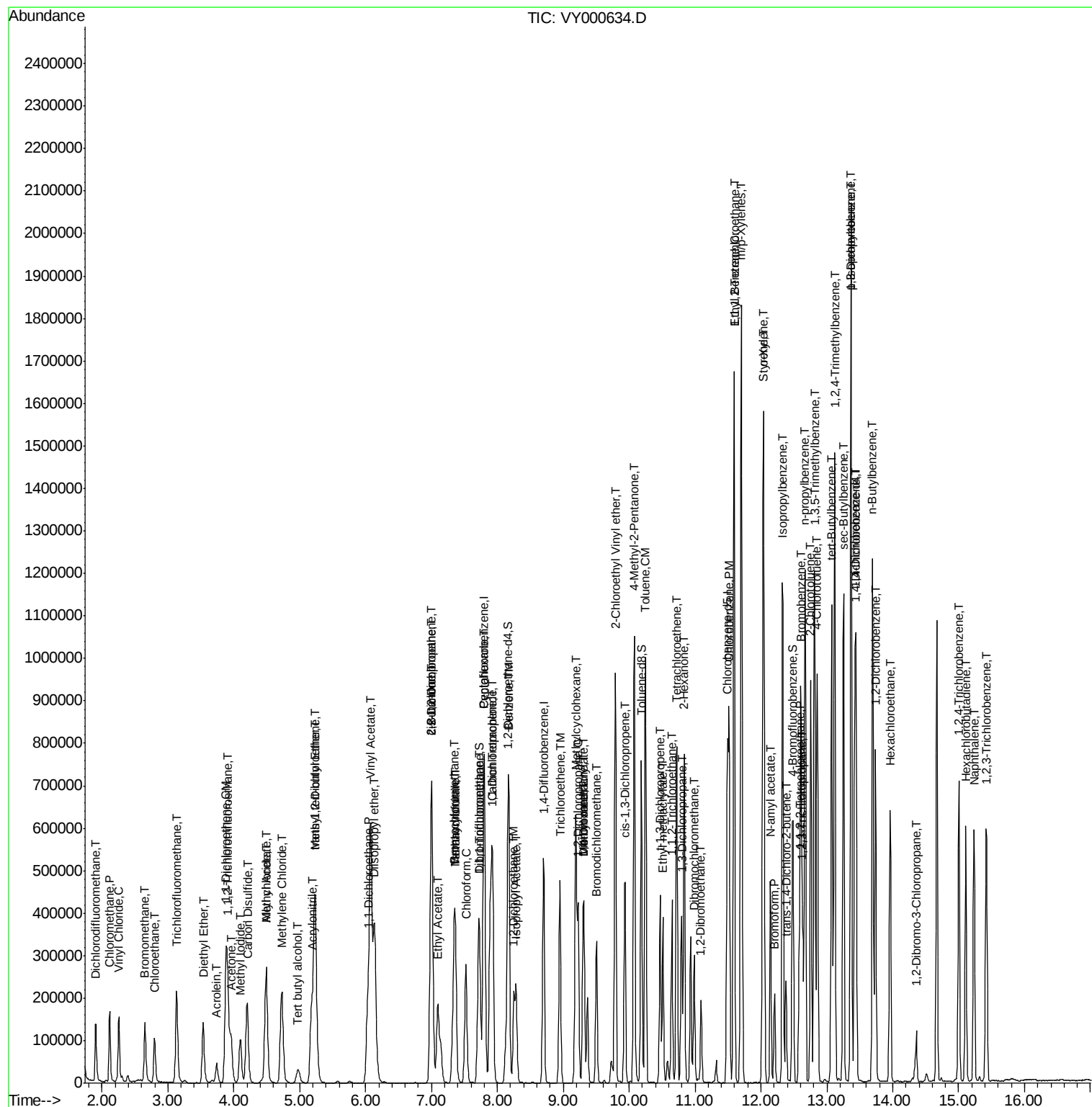
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	202998	51.073	ug/l	98
94) Hexachlorobutadiene	15.11	225	97278	47.479	ug/l	99
95) Naphthalene	15.23	128	469056	53.160	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	180666	50.665	ug/l	99

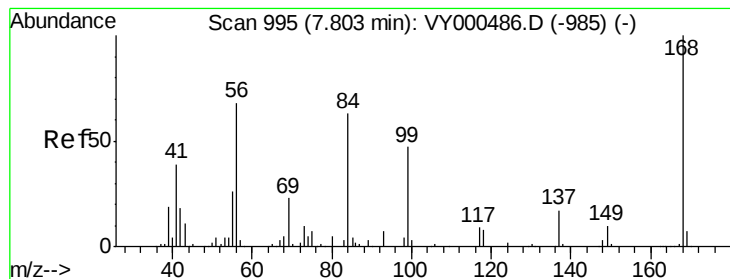
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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY110819\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.00 min

Lab File: VY000634.D

Acq: 08 Nov 2019 21:29

Instrument :

MSVOA_Y

ClientSampleId :

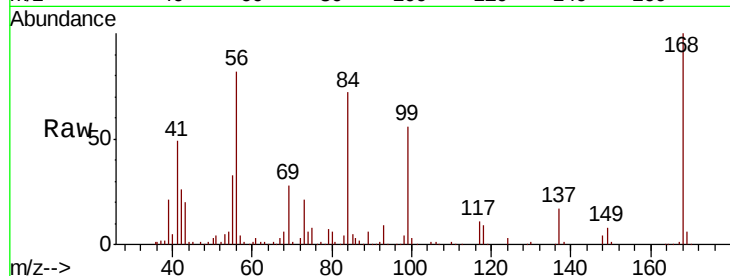
VSTDCCC050EC

Tot Ion:168 Resp: 247387

Ion Ratio Lower Upper

168 100

99 56.4 45.7 68.5



Abundance Ion 167.90 (167.60 to 168.60): VY000486.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY000486.D (-985) (-)

7.80

120000

100000

80000

60000

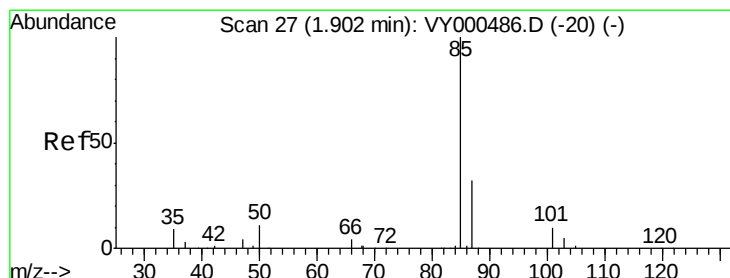
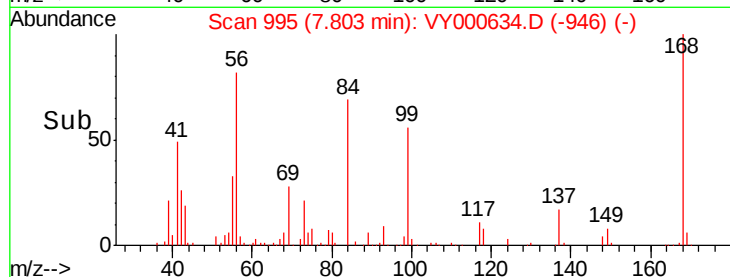
40000

20000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 49.338 ug/l

RT: 1.90 min Scan# 27

Delta R.T. -0.00 min

Lab File: VY000634.D

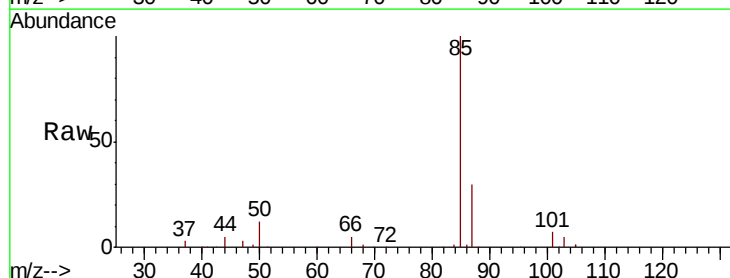
Acq: 08 Nov 2019 21:29

Tgt Ion: 85 Resp: 120150

Ion Ratio Lower Upper

85 100

87 30.3 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VY000486.D (-20) (-)

Ion 86.90 (86.60 to 87.60): VY000486.D (-20) (-)

1.90

80000

60000

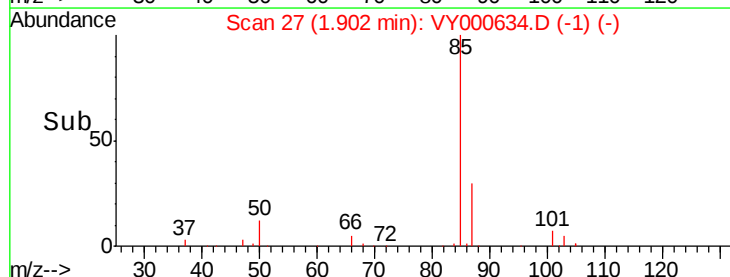
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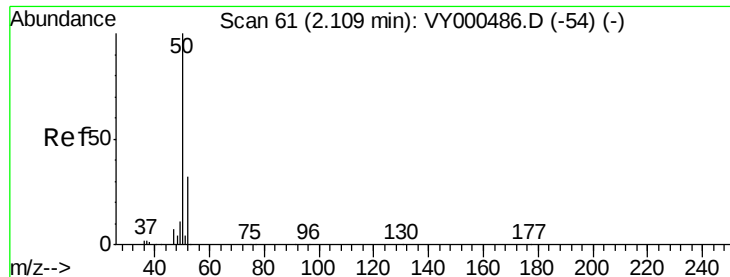
20000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 49.621 ug/l

RT: 2.11 min Scan# 62

Delta R.T. 0.01 min

Lab File: VY000634.D

Acq: 08 Nov 2019 21:29

Instrument :

MSVOA_Y

ClientSampleId :

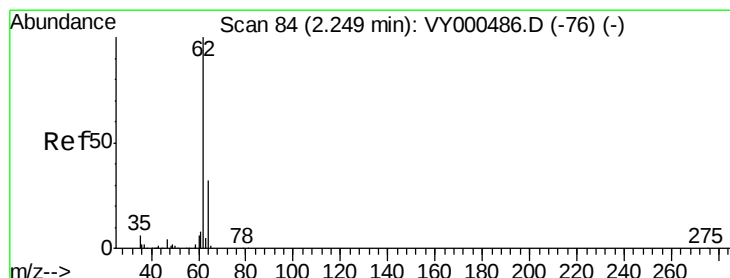
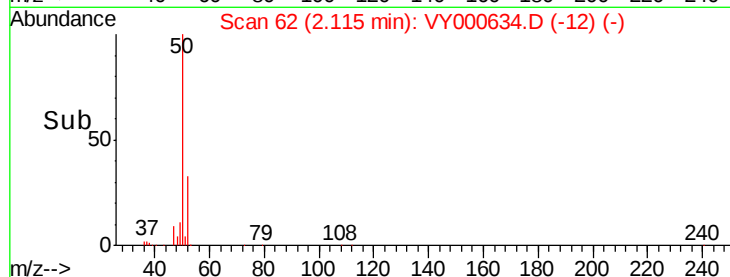
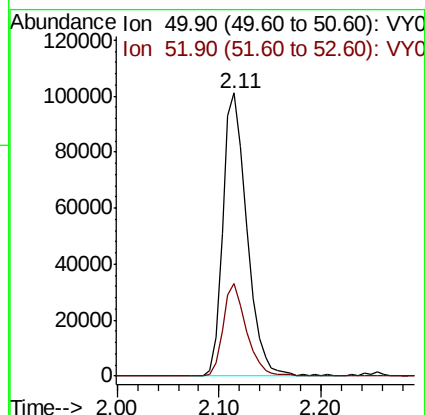
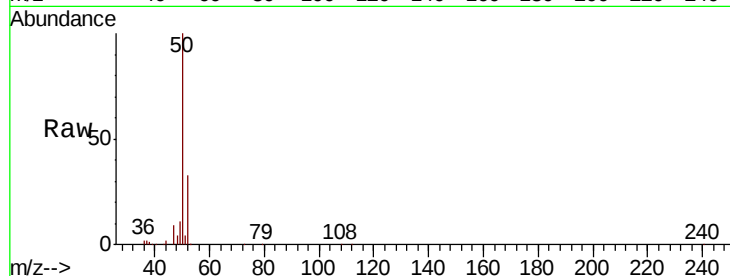
VSTDCCC050EC

Tot Ion: 50 Resp: 166463

Ion Ratio Lower Upper

50 100

52 32.9 25.2 37.8



#4

Vinyl Chloride

Concen: 50.012 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.01 min

Lab File: VY000634.D

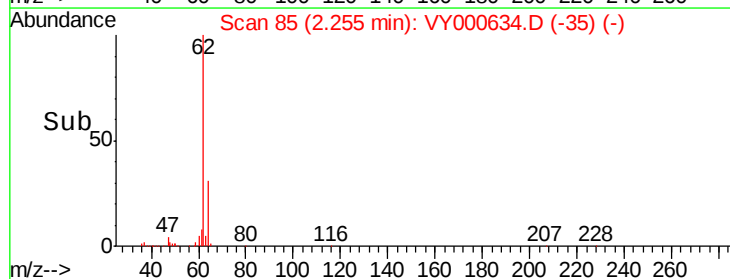
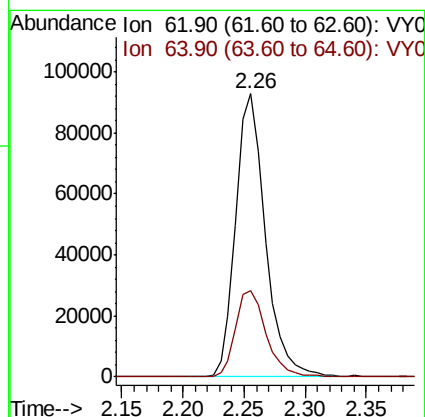
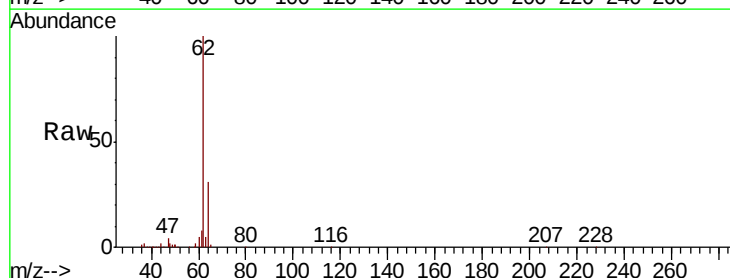
Acq: 08 Nov 2019 21:29

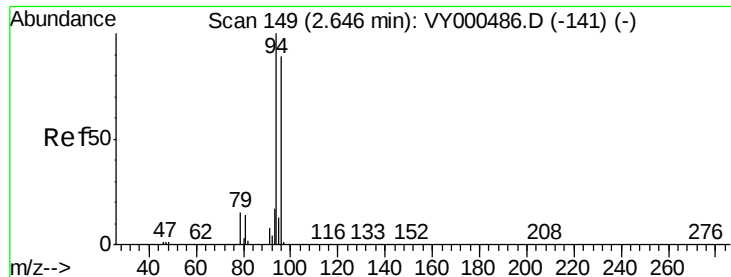
Tgt Ion: 62 Resp: 155801

Ion Ratio Lower Upper

62 100

64 30.7 25.2 37.8





#5

Bromomethane

Concen: 53.339 ug/l

RT: 2.65 min Scan# 150

Delta R.T. 0.01 min

Lab File: VY000634.D

Acq: 08 Nov 2019 21:29

Instrument :

MSVOA_Y

ClientSampleId :

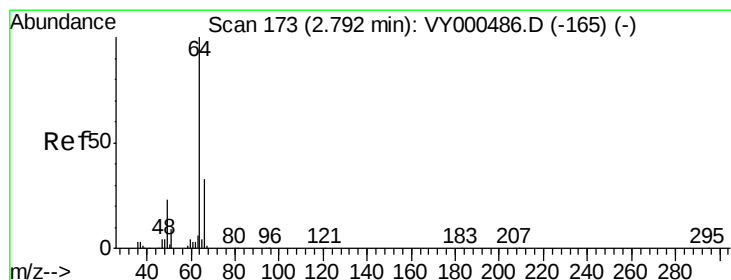
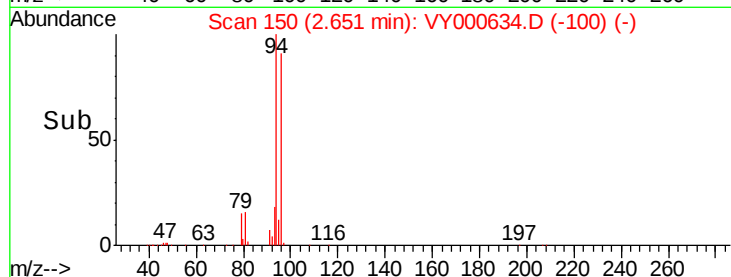
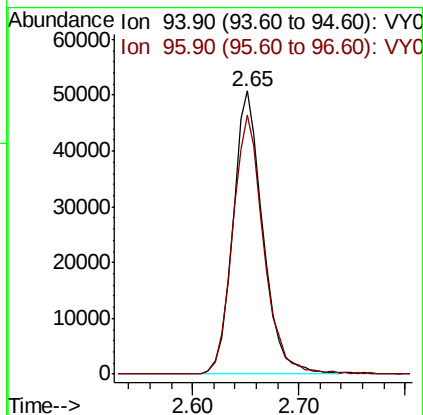
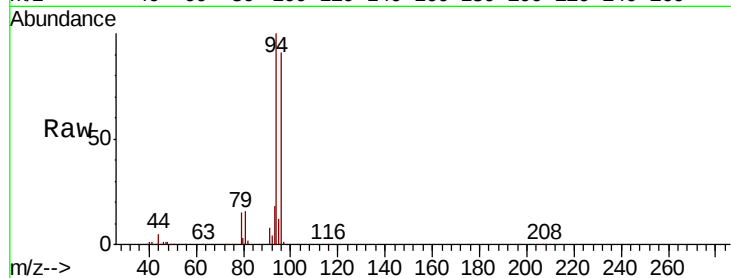
VSTDCCC050EC

Tot Ion: 94 Resp: 99644

Ion Ratio Lower Upper

94 100

96 91.1 71.2 106.8



#6

Chloroethane

Concen: 52.350 ug/l

RT: 2.80 min Scan# 174

Delta R.T. 0.01 min

Lab File: VY000634.D

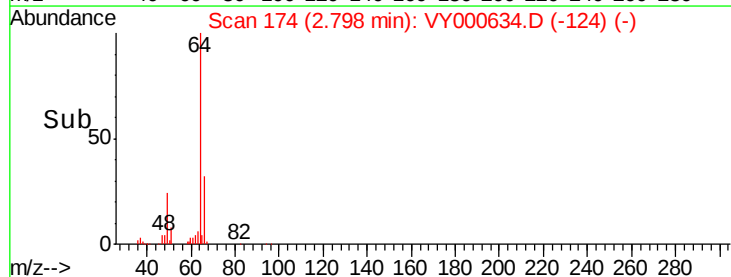
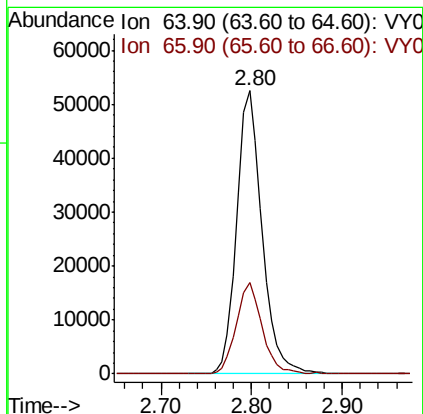
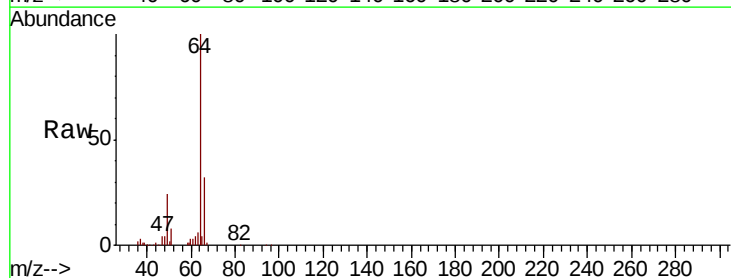
Acq: 08 Nov 2019 21:29

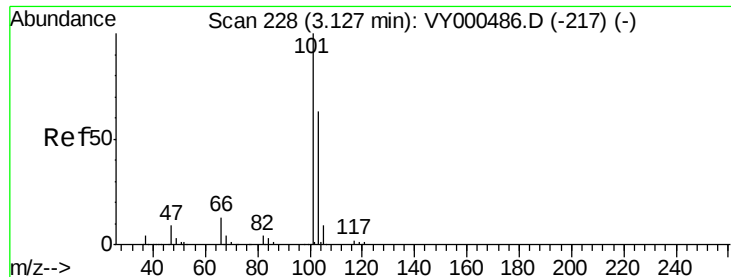
Tgt Ion: 64 Resp: 102068

Ion Ratio Lower Upper

64 100

66 32.2 26.6 40.0



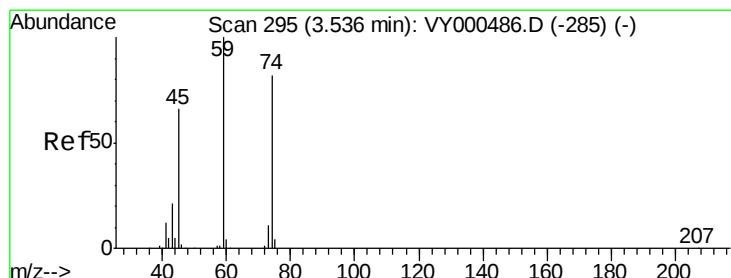
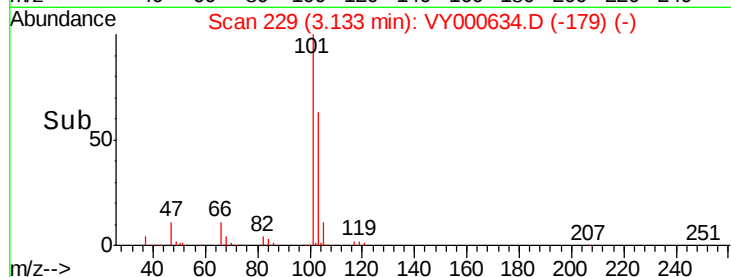
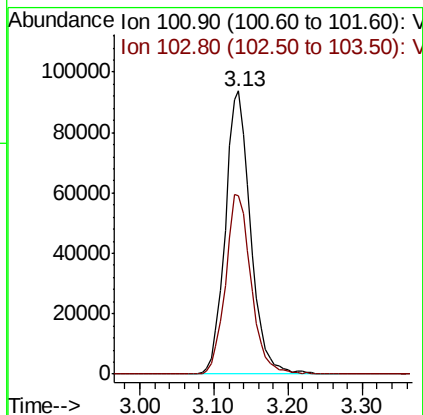
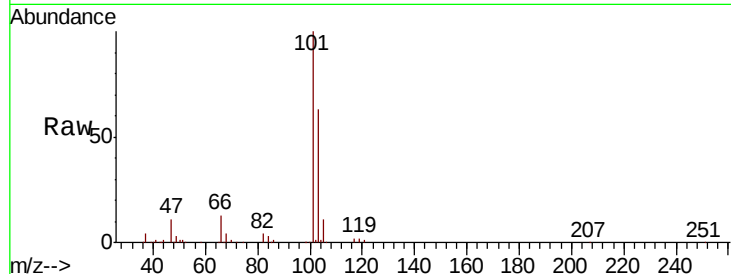


#7

Trichlorofluoromethane
 Concen: 52.753 ug/l
 RT: 3.13 min Scan# 229
 Delta R.T. 0.01 min
 Lab File: VY000634.D
 Acq: 08 Nov 2019 21:29

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

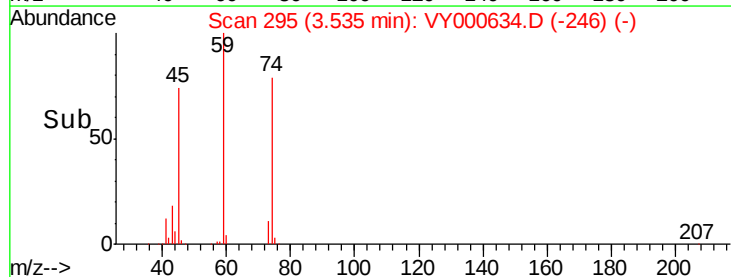
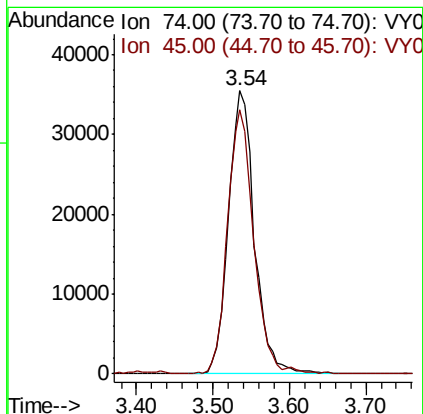
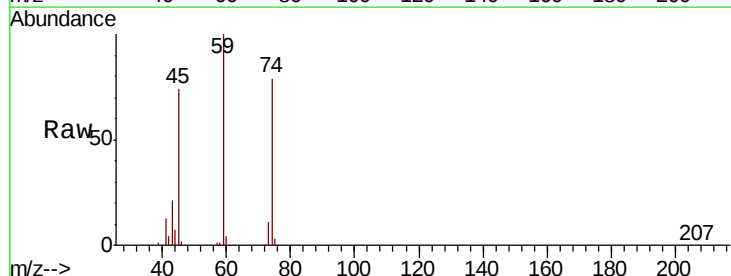
Tot Ion:101 Resp: 221940
 Ion Ratio Lower Upper
 101 100
 103 63.1 50.5 75.7

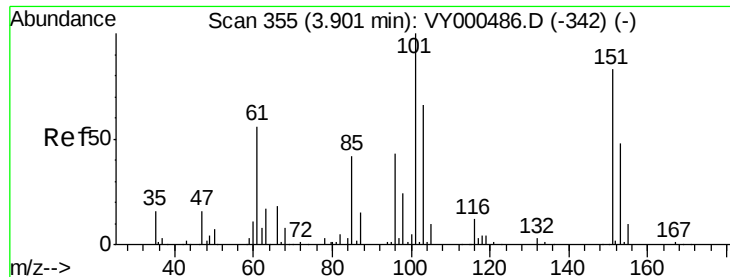


#8

Diethyl Ether
 Concen: 55.567 ug/l
 RT: 3.54 min Scan# 295
 Delta R.T. -0.00 min
 Lab File: VY000634.D
 Acq: 08 Nov 2019 21:29

Tgt Ion: 74 Resp: 83067
 Ion Ratio Lower Upper
 74 100
 45 94.3 45.5 136.4

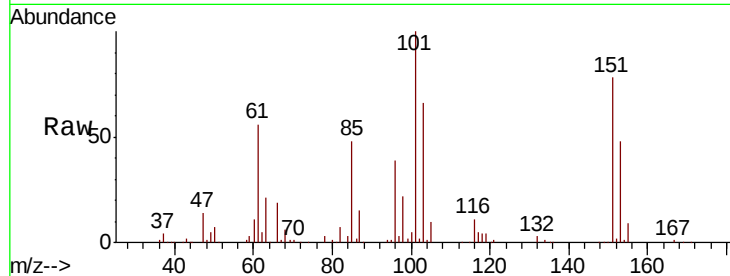




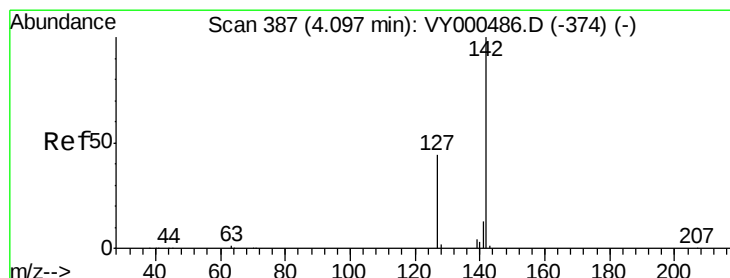
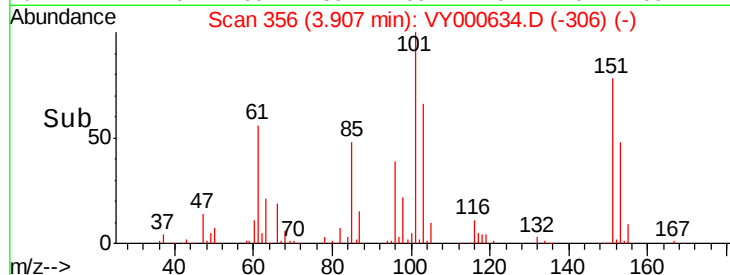
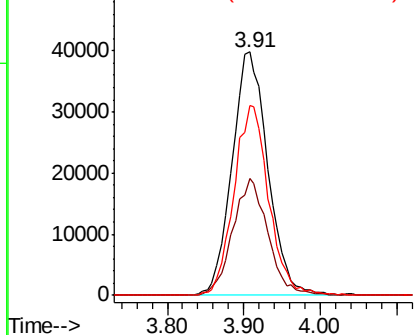
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 50.766 ug/l
 RT: 3.91 min Scan# 356
 Delta R.T. 0.01 min
 Lab File: VY000634.D
 Acq: 08 Nov 2019 21:29

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:101 Resp: 129122
 Ion Ratio Lower Upper
 101 100
 85 47.1 36.7 55.1
 151 76.2 64.3 96.5

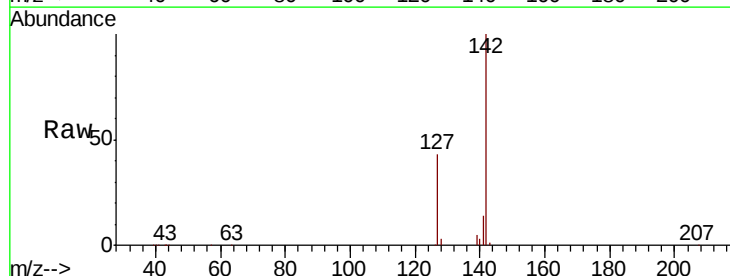


Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 84.90 (84.60 to 85.60): VY0
 Ion 150.80 (150.50 to 151.50): V

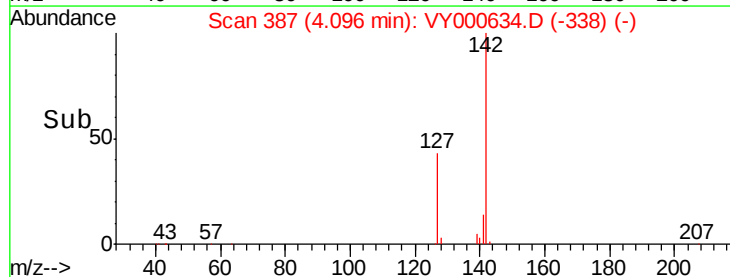
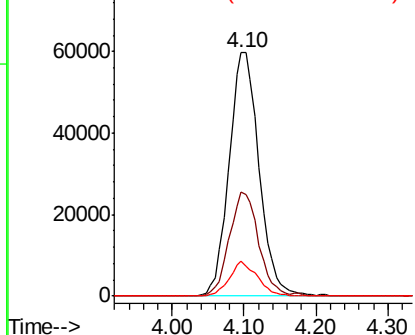


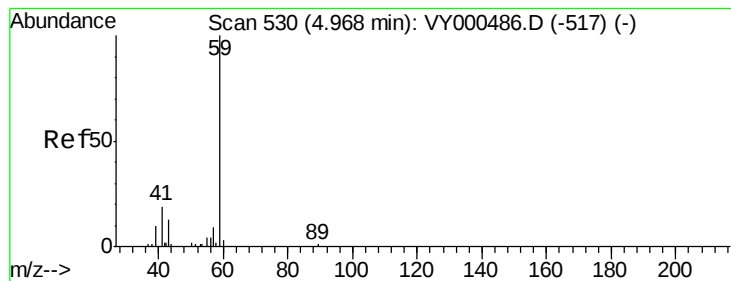
#10
 Methyl Iodide
 Concen: 51.557 ug/l
 RT: 4.10 min Scan# 387
 Delta R.T. 0.00 min
 Lab File: VY000634.D
 Acq: 08 Nov 2019 21:29

Tgt Ion:142 Resp: 172965
 Ion Ratio Lower Upper
 142 100
 127 41.9 33.7 50.5
 141 13.4 10.9 16.3



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



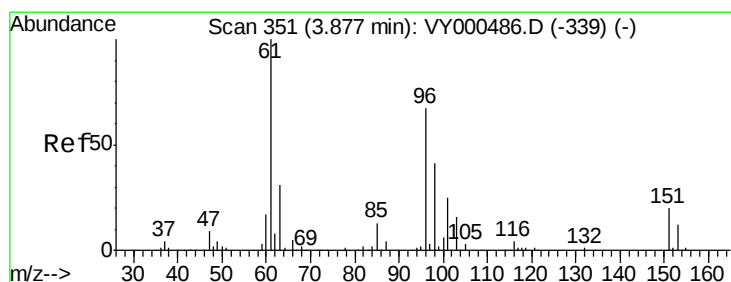
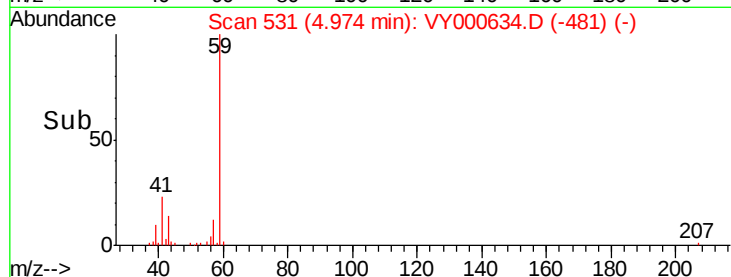
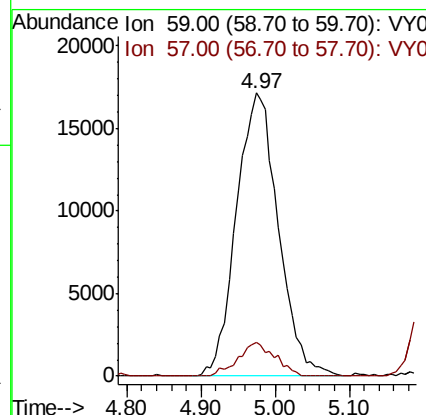
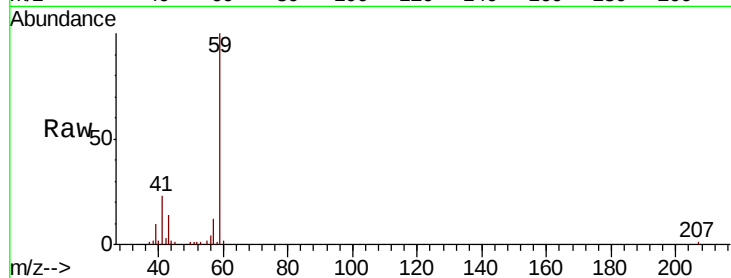


#11

Tert butyl alcohol
 Concen: 271.246 ug/l
 RT: 4.97 min Scan# 531
 Delta R.T. 0.01 min
 Lab File: VY000634.D
 Acq: 08 Nov 2019 21:29

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

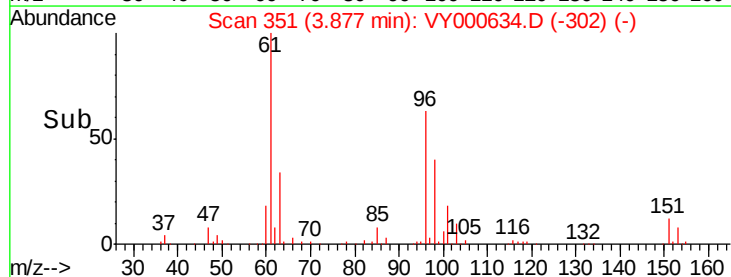
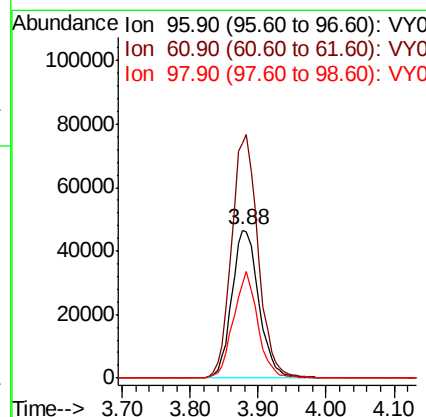
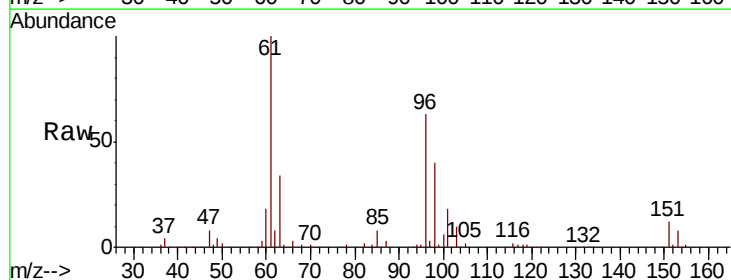
Tot Ion: 59 Resp: 67598
 Ion Ratio Lower Upper
 59 100
 57 10.6 8.6 12.8

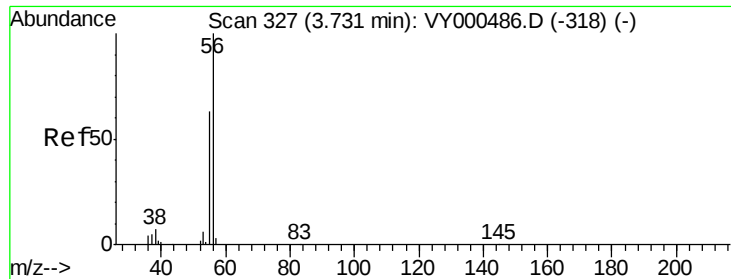


#12

1,1-Dichloroethene
 Concen: 52.048 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. -0.00 min
 Lab File: VY000634.D
 Acq: 08 Nov 2019 21:29

Tgt Ion: 96 Resp: 128616
 Ion Ratio Lower Upper
 96 100
 61 158.4 119.2 178.8
 98 63.5 48.6 73.0

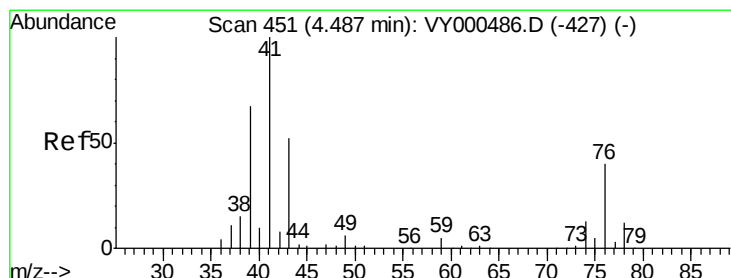
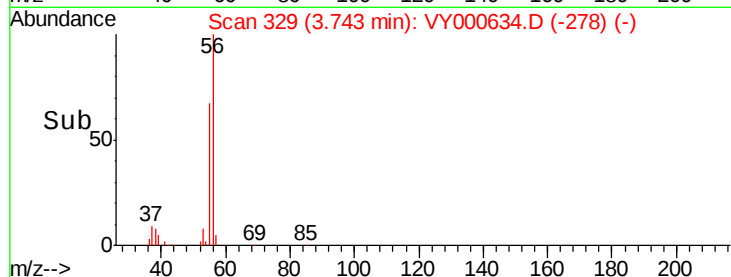
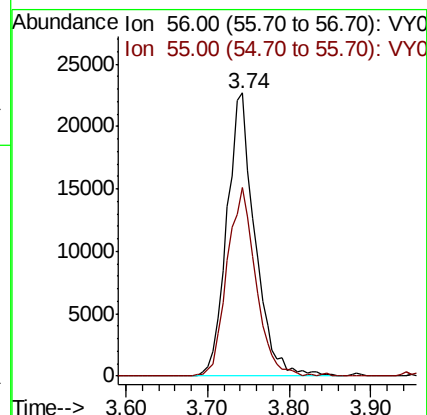
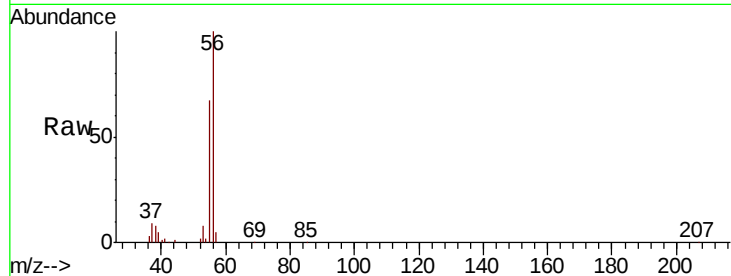




#13
Acrolein
Concen: 248.749 ug/l
RT: 3.74 min Scan# 329
Delta R.T. 0.01 min
Lab File: VY000634.D
Acq: 08 Nov 2019 21:29

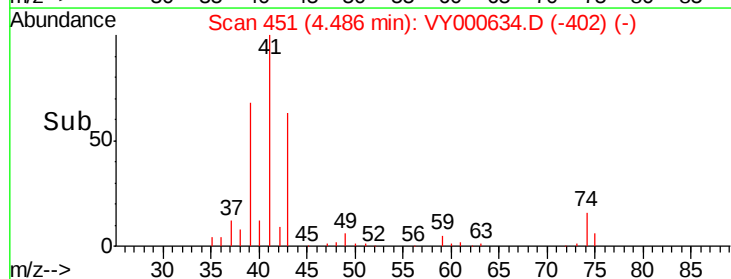
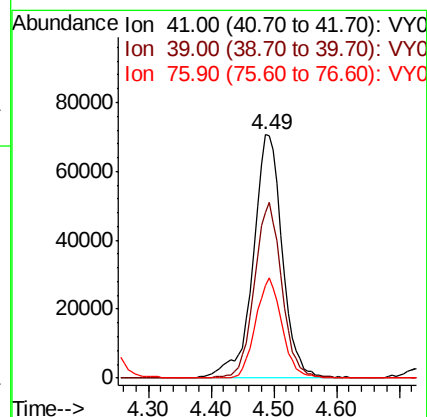
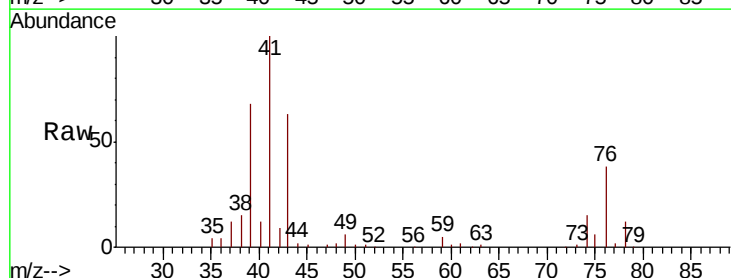
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

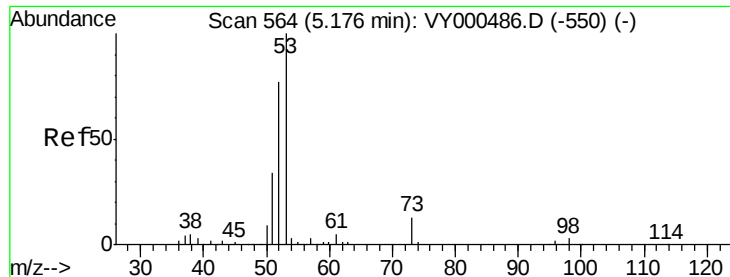
Tot Ion: 56 Resp: 53998
Ion Ratio Lower Upper
56 100
55 68.1 57.0 85.6



#14
Allyl chloride
Concen: 56.579 ug/l
RT: 4.49 min Scan# 451
Delta R.T. -0.00 min
Lab File: VY000634.D
Acq: 08 Nov 2019 21:29

Tgt Ion: 41 Resp: 227346
Ion Ratio Lower Upper
41 100
39 67.9 53.6 80.4
76 37.0 29.8 44.6





#15

Acrylonitrile

Concen: 283.396 ug/l

RT: 5.18 min Scan# 565

Delta R.T. 0.01 min

Lab File: VY000634.D

Acq: 08 Nov 2019 21:29

Instrument :

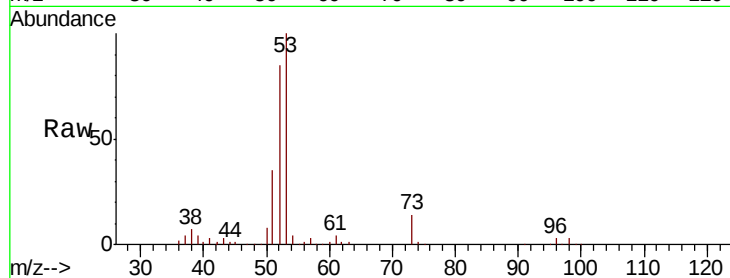
MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 53 Resp: 217020

Ion	Ratio	Lower	Upper
53	100		
52	83.4	64.9	97.3
51	36.3	27.6	41.4

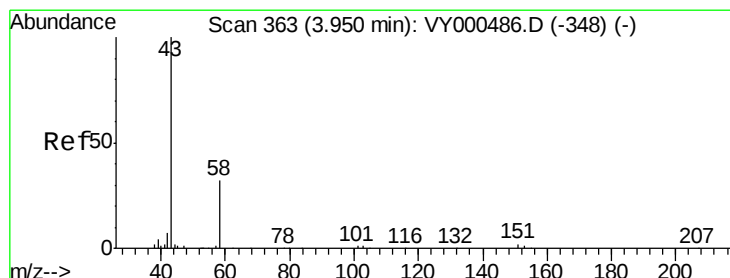
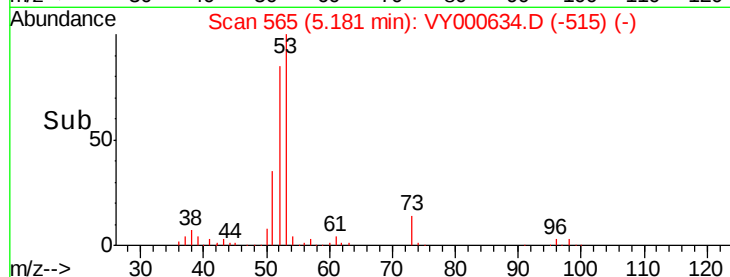
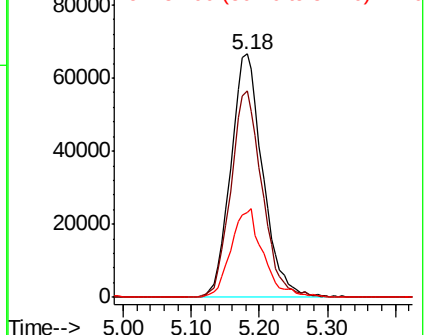


Abundance

Ion 53.00 (52.70 to 53.70): VY0

Ion 52.00 (51.70 to 52.70): VY0

Ion 51.00 (50.70 to 51.70): VY0



#16

Acetone

Concen: 227.358 ug/l

RT: 3.96 min Scan# 365

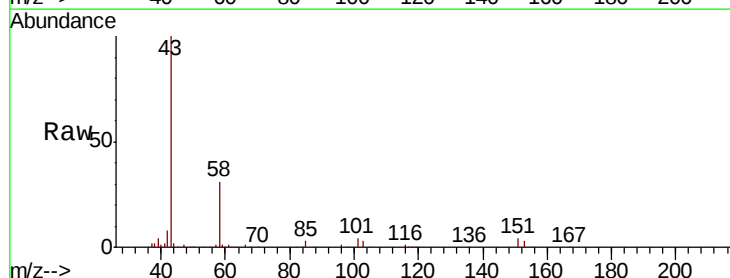
Delta R.T. 0.01 min

Lab File: VY000634.D

Acq: 08 Nov 2019 21:29

Tgt Ion: 43 Resp: 160424

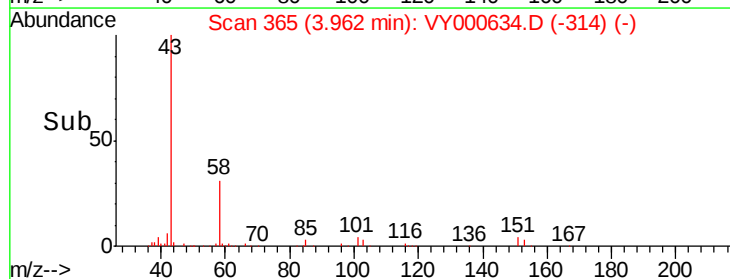
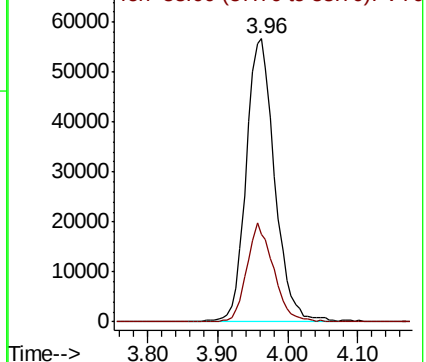
Ion	Ratio	Lower	Upper
43	100		
58	31.1	25.8	38.6

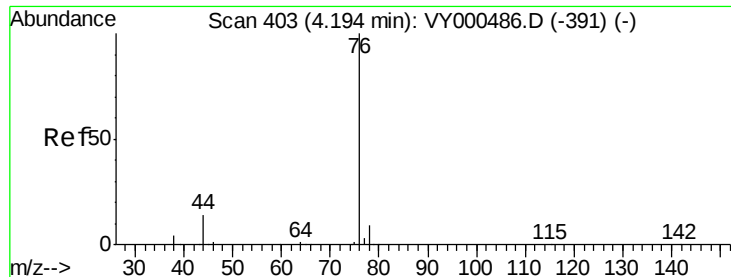


Abundance

Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

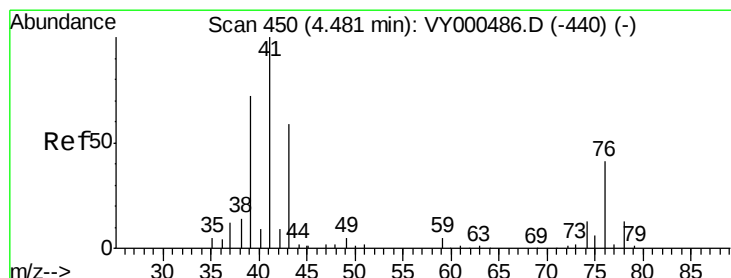
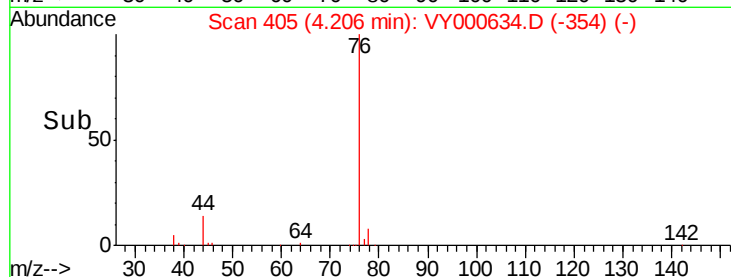
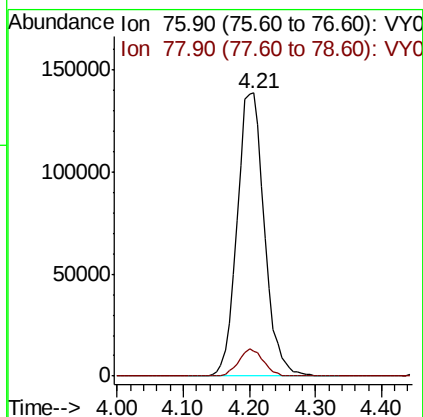
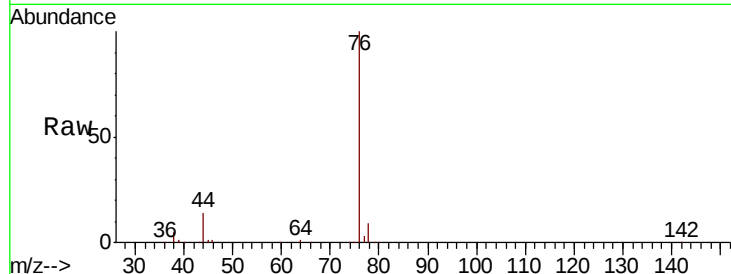




#17
Carbon Disulfide
Concen: 50.820 ug/l
RT: 4.21 min Scan# 405
Delta R.T. 0.01 min
Lab File: VY000634.D
Acq: 08 Nov 2019 21:29

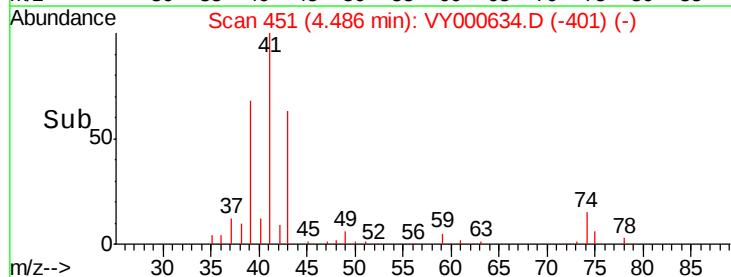
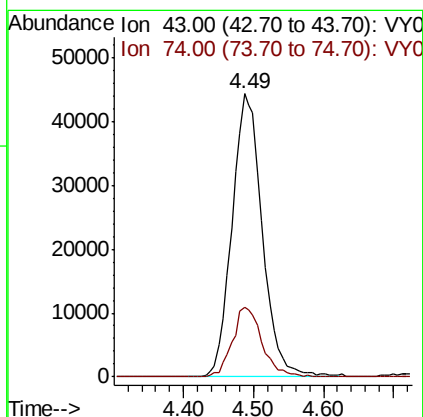
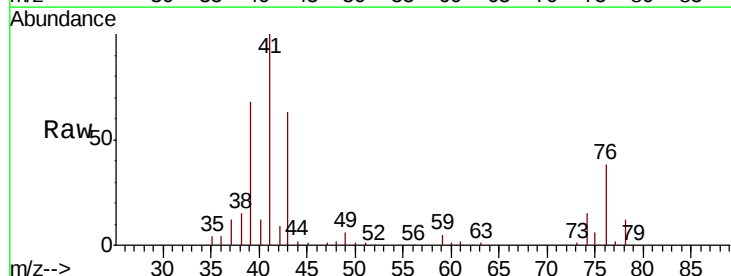
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

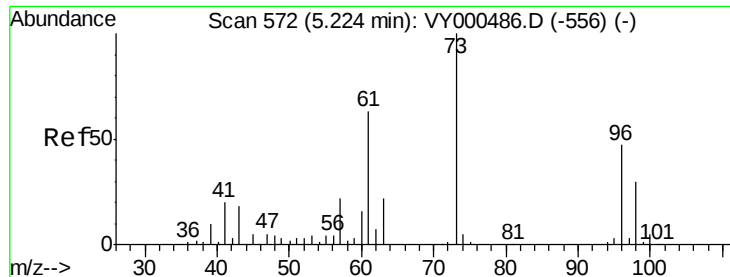
Tot Ion: 76 Resp: 396091
Ion Ratio Lower Upper
76 100
78 8.8 7.5 11.3



#18
Methyl Acetate
Concen: 60.701 ug/l
RT: 4.49 min Scan# 451
Delta R.T. 0.01 min
Lab File: VY000634.D
Acq: 08 Nov 2019 21:29

Tgt Ion: 43 Resp: 133175
Ion Ratio Lower Upper
43 100
74 23.9 19.2 28.8

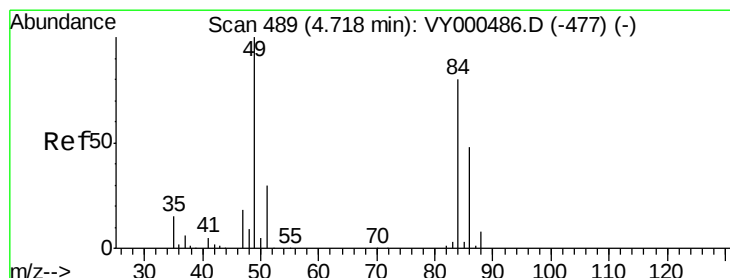
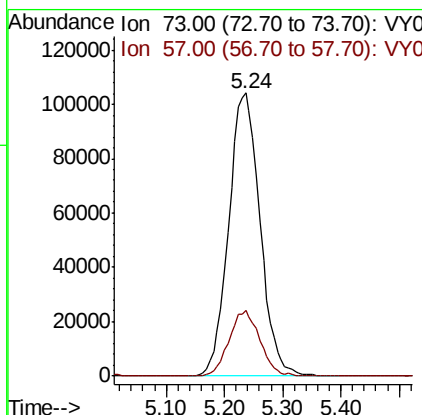
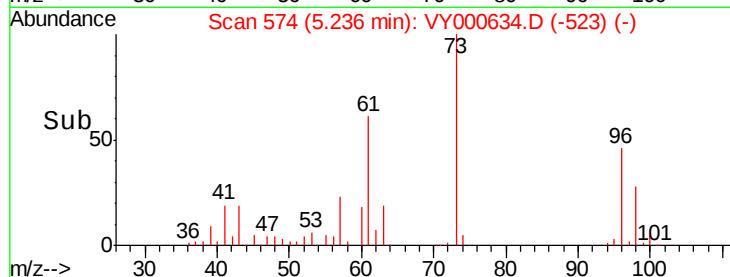
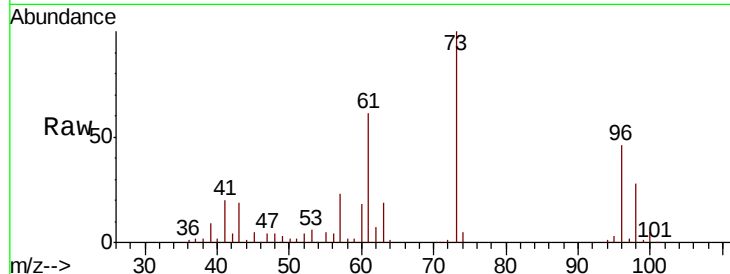




#19
Methyl tert-butyl Ether
Concen: 56.593 ug/l
RT: 5.24 min Scan# 574
Delta R.T. 0.01 min
Lab File: VY000634.D
Acq: 08 Nov 2019 21:29

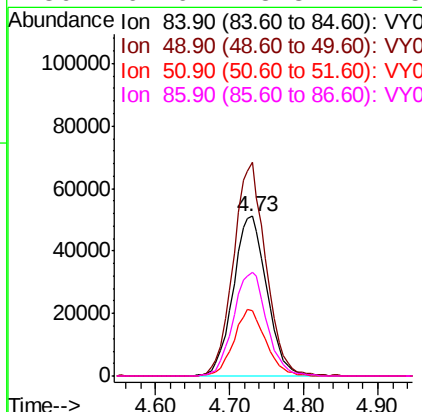
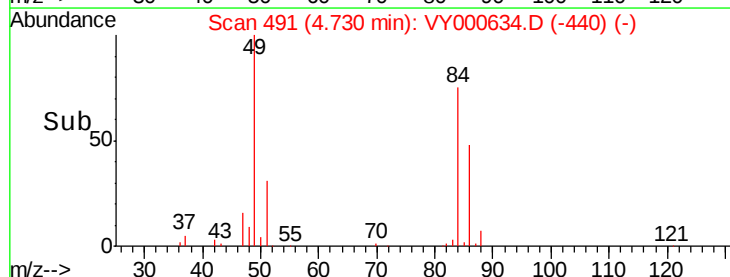
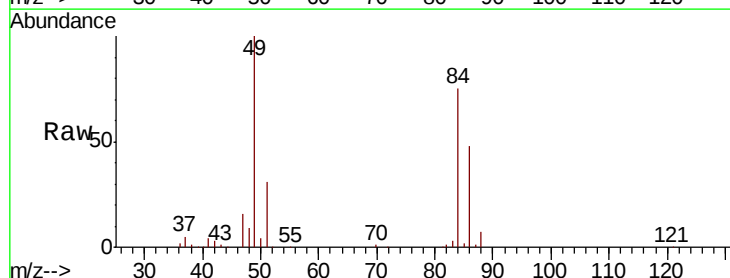
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

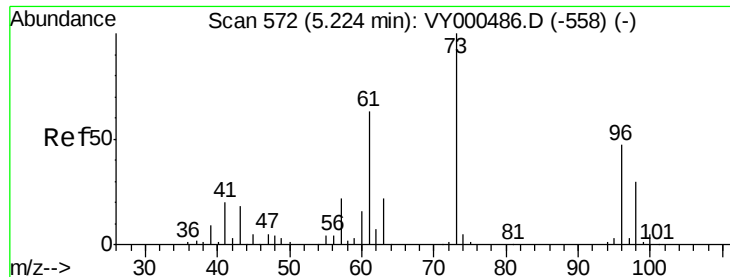
Tot Ion: 73 Resp: 388833
Ion Ratio Lower Upper
73 100
57 23.4 17.4 26.0



#20
Methylene Chloride
Concen: 53.571 ug/l
RT: 4.73 min Scan# 491
Delta R.T. 0.01 min
Lab File: VY000634.D
Acq: 08 Nov 2019 21:29

Tgt Ion: 84 Resp: 161968
Ion Ratio Lower Upper
84 100
49 133.7 100.2 150.4
51 41.1 29.6 44.4
86 64.6 48.3 72.5





#21

trans-1,2-Dichloroethene

Concen: 53.303 ug/l

RT: 5.24 min Scan# 574

Delta R.T. 0.01 min

Lab File: VY000634.D

Acq: 08 Nov 2019 21:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

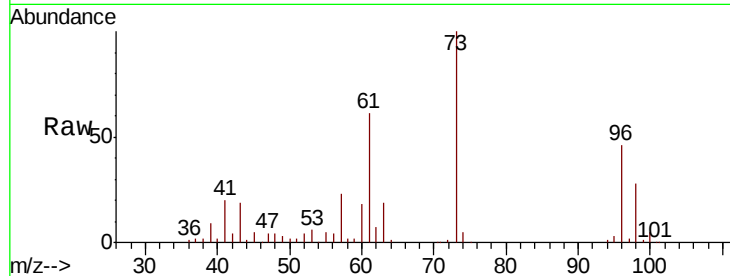
Tot Ion: 96 Resp: 148912

Ion Ratio Lower Upper

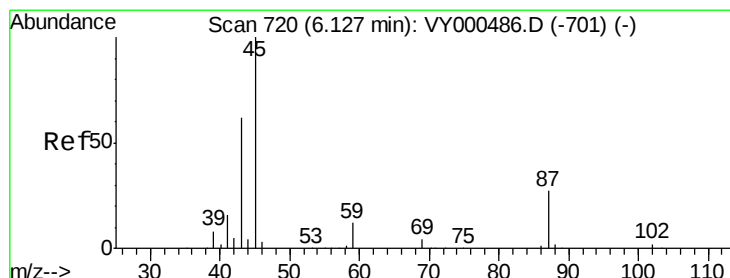
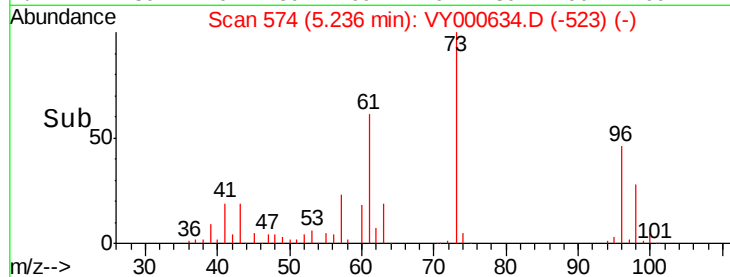
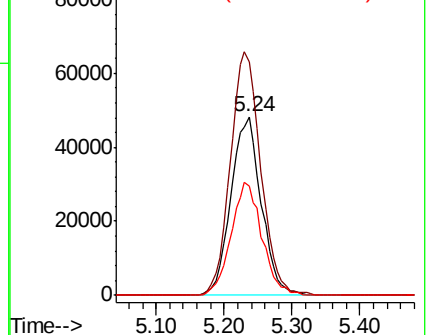
96 100

61 130.8 106.6 160.0

98 61.2 50.6 76.0



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: 58.865 ug/l

RT: 6.13 min Scan# 721

Delta R.T. 0.01 min

Lab File: VY000634.D

Acq: 08 Nov 2019 21:29

Tgt Ion: 45 Resp: 514106

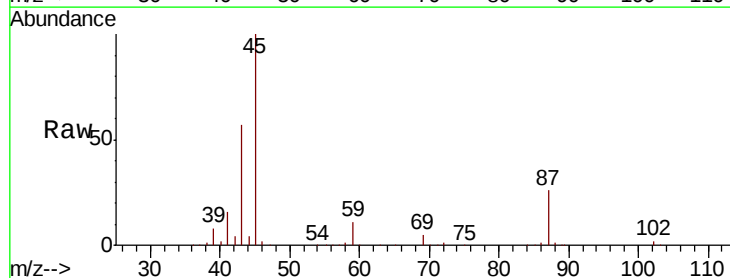
Ion Ratio Lower Upper

45 100

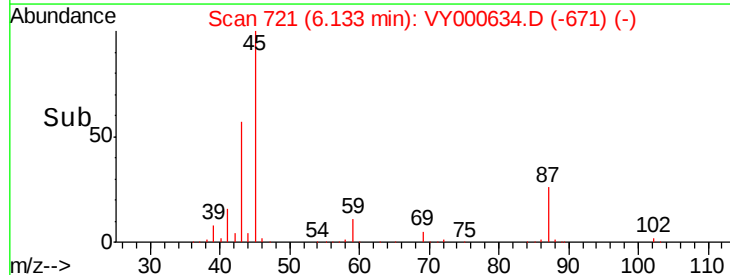
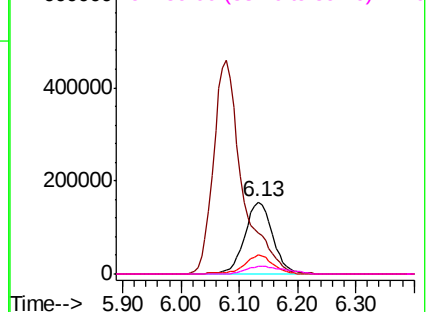
43 56.6 50.0 75.0

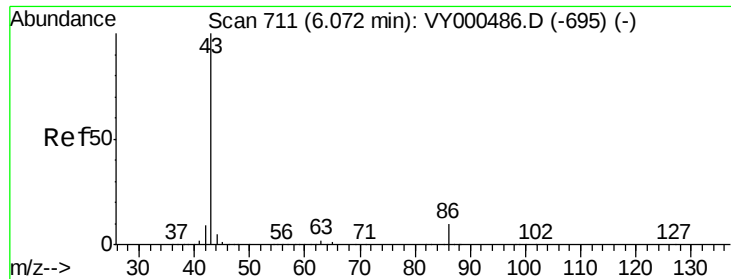
87 26.0 21.6 32.4

59 11.0 9.5 14.3



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: 283.875 ug/l

RT: 6.08 min Scan# 712

Delta R.T. 0.01 min

Lab File: VY000634.D

Acq: 08 Nov 2019 21:29

Instrument :

MSVOA_Y

ClientSampleId :

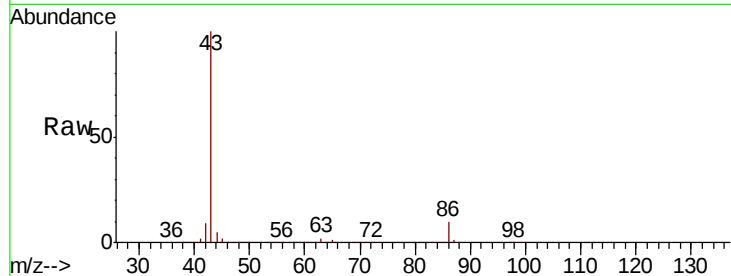
VSTDCCC050EC

Tot Ion: 43 Resp: 1565053

Ion Ratio Lower Upper

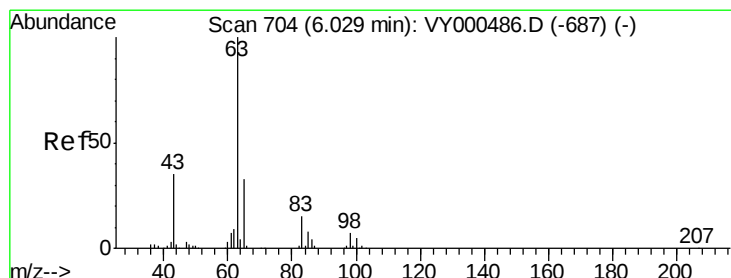
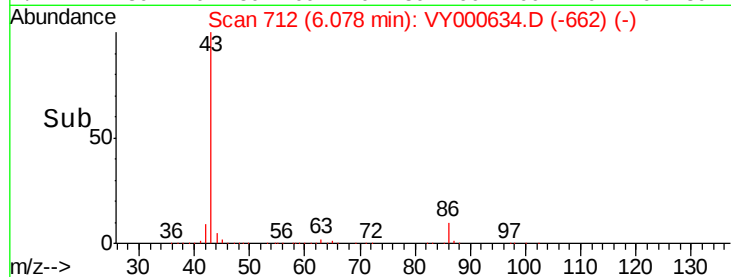
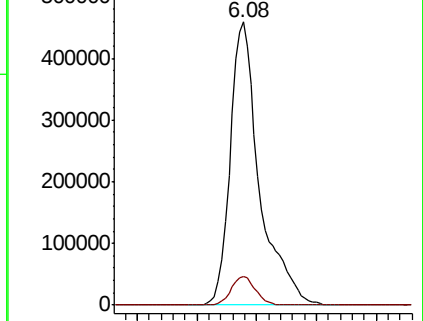
43 100

86 10.1 7.8 11.6



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 55.733 ug/l

RT: 6.03 min Scan# 705

Delta R.T. 0.01 min

Lab File: VY000634.D

Acq: 08 Nov 2019 21:29

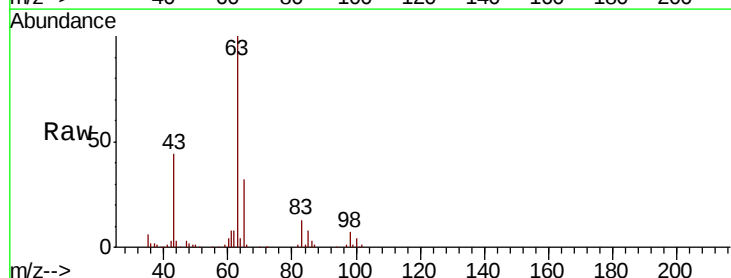
Tgt Ion: 63 Resp: 263695

Ion Ratio Lower Upper

63 100

98 7.1 3.5 10.6

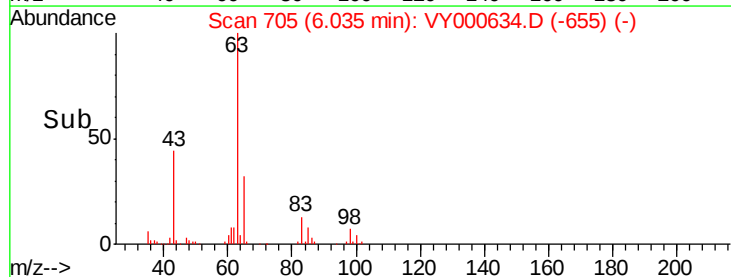
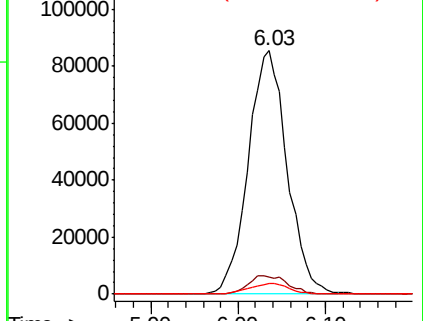
100 4.4 2.4 7.1

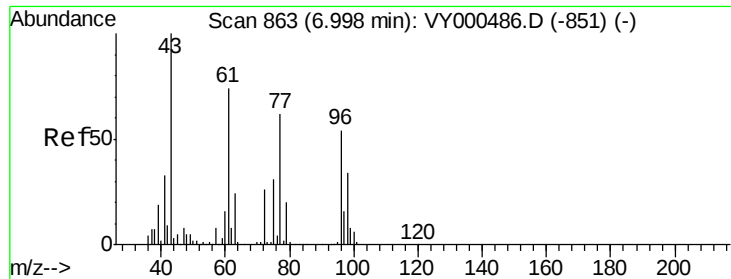


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 266.753 ug/l

RT: 7.00 min Scan# 863

Delta R.T. -0.00 min

Lab File: VY000634.D

Acq: 08 Nov 2019 21:29

Instrument :

MSVOA_Y

ClientSampleId :

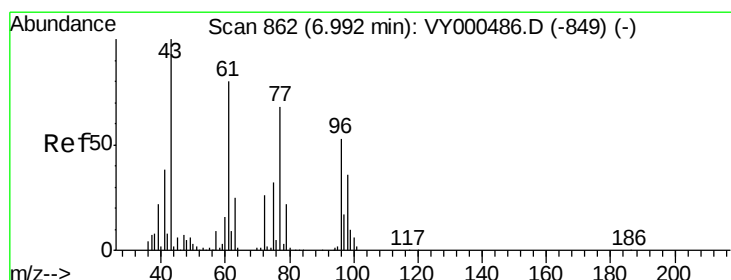
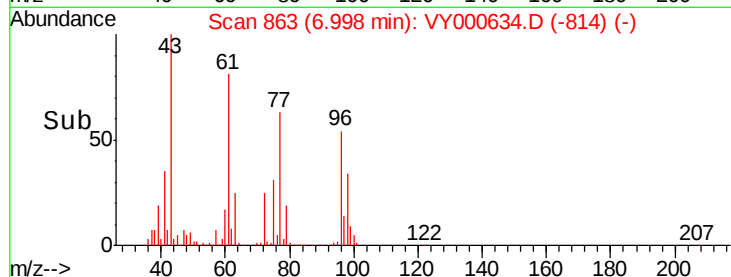
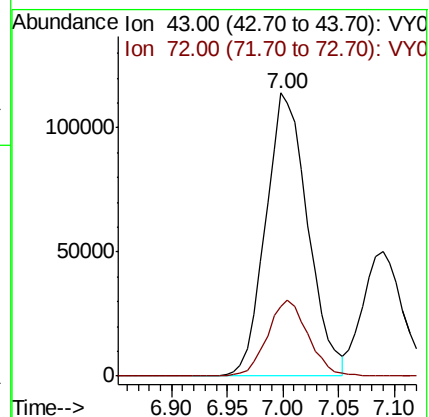
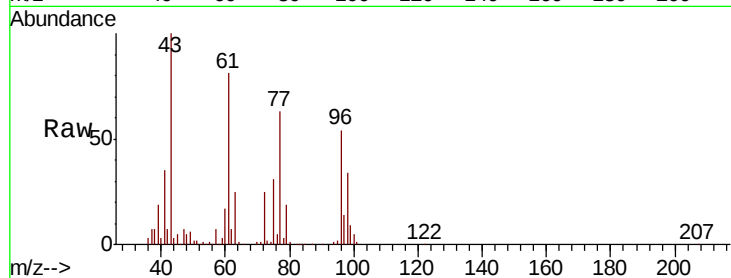
VSTDCCC050EC

Tot Ion: 43 Resp: 300389

Ion Ratio Lower Upper

43 100

72 24.7 20.9 31.3



#26

2,2-Dichloropropane

Concen: 50.843 ug/l

RT: 7.00 min Scan# 863

Delta R.T. 0.01 min

Lab File: VY000634.D

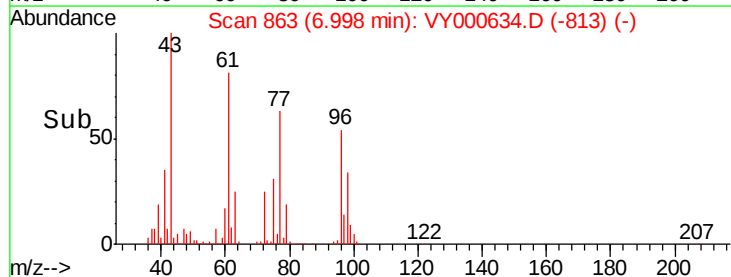
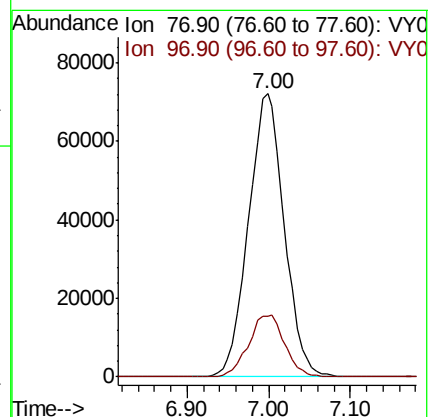
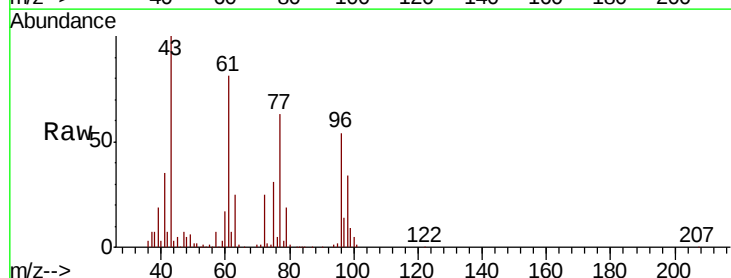
Acq: 08 Nov 2019 21:29

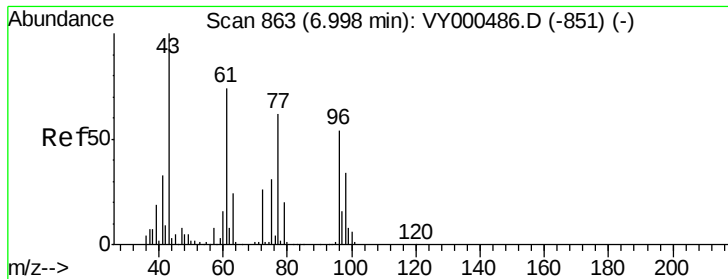
Tgt Ion: 77 Resp: 219839

Ion Ratio Lower Upper

77 100

97 22.2 11.8 35.4



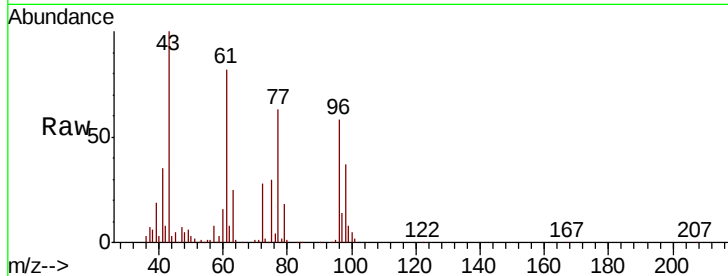


#27

cis-1,2-Dichloroethene
 Concen: 56.497 ug/l
 RT: 7.00 min Scan# 864
 Delta R.T. 0.01 min
 Lab File: VY000634.D
 Acq: 08 Nov 2019 21:29

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	143.6	0.0	287.0
98	63.2	0.0	129.4

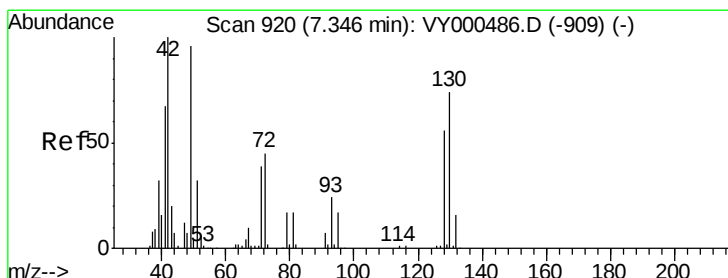
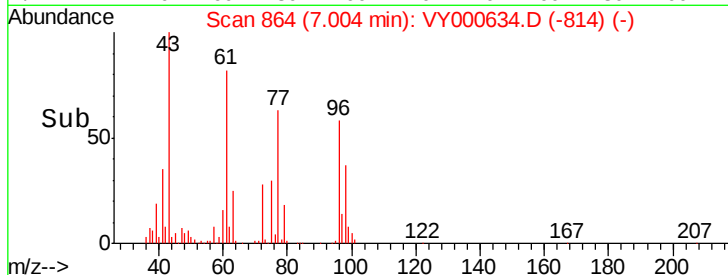
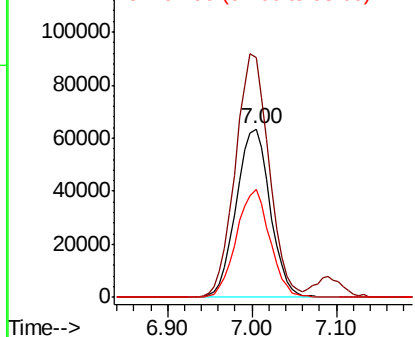


Abundance

Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

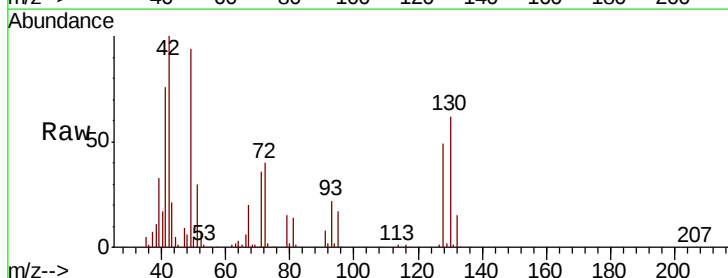
Ion 97.90 (97.60 to 98.60): VY0



#28

Bromochloromethane
 Concen: 55.790 ug/l
 RT: 7.35 min Scan# 920
 Delta R.T. 0.00 min
 Lab File: VY000634.D
 Acq: 08 Nov 2019 21:29

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	3.6
130	68.3	59.4	89.0

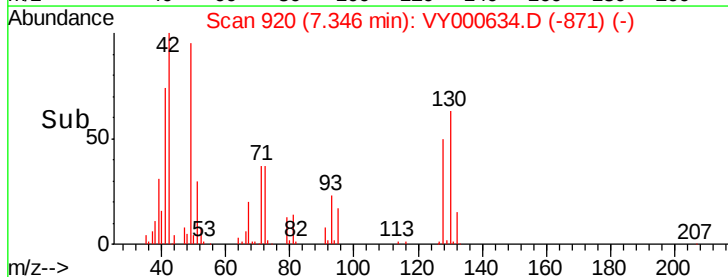
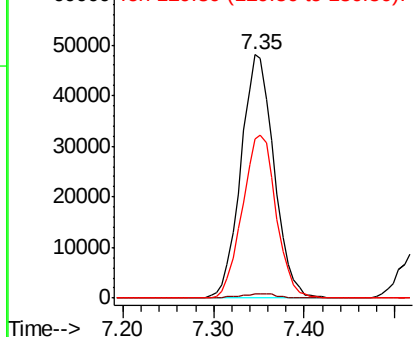


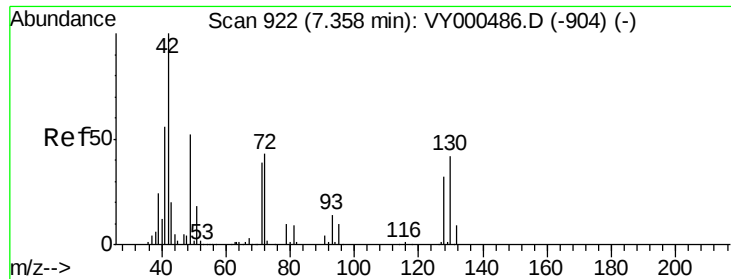
Abundance

Ion 48.90 (48.60 to 49.60): VY0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

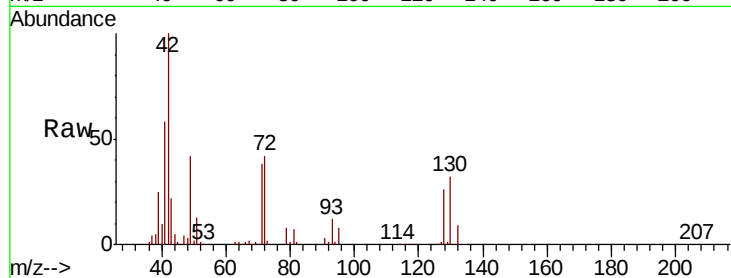




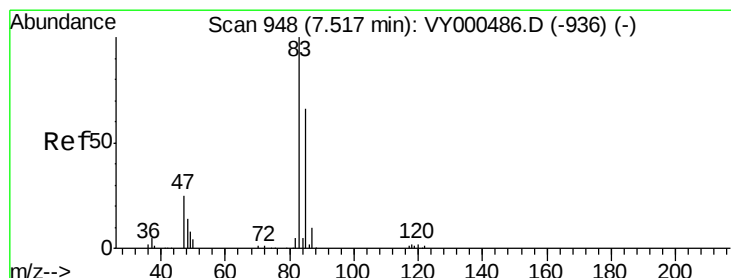
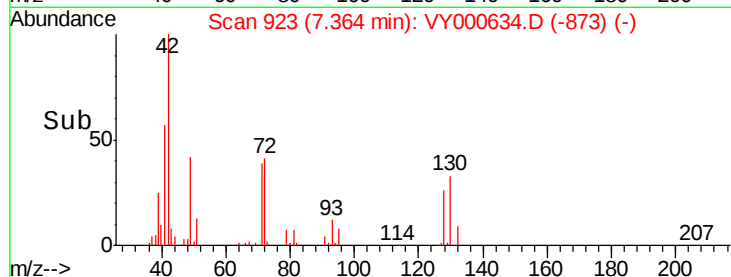
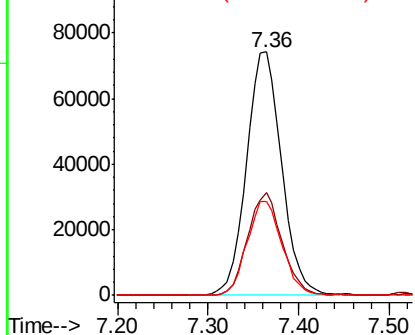
#29
Tetrahydrofuran
Concen: 288.493 ug/l
RT: 7.36 min Scan# 923
Delta R.T. 0.01 min
Lab File: VY000634.D
Acq: 08 Nov 2019 21:29

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 42 Resp: 198744
Ion Ratio Lower Upper
42 100
72 41.3 34.0 51.0
71 38.3 30.8 46.2

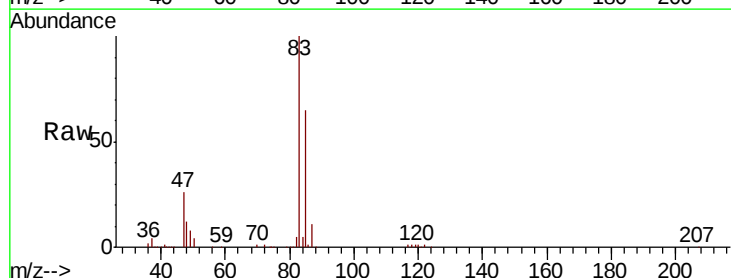


Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

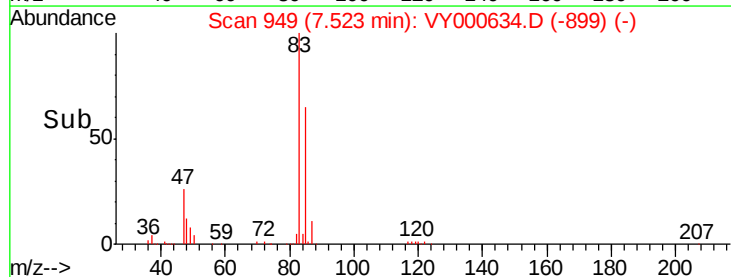
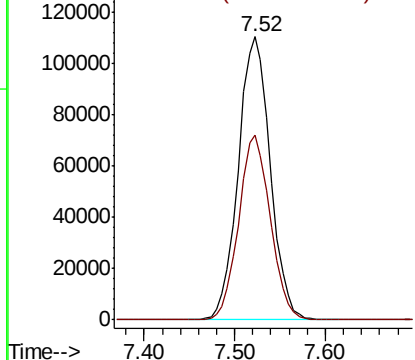


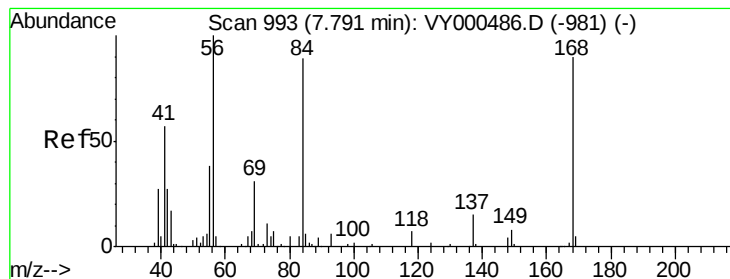
#30
Chloroform
Concen: 56.290 ug/l
RT: 7.52 min Scan# 949
Delta R.T. 0.01 min
Lab File: VY000634.D
Acq: 08 Nov 2019 21:29

Tgt Ion: 83 Resp: 269426
Ion Ratio Lower Upper
83 100
85 65.4 53.0 79.4



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





#31

Cyclohexane

Concen: 50.146 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.01 min

Lab File: VY000634.D

Acq: 08 Nov 2019 21:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

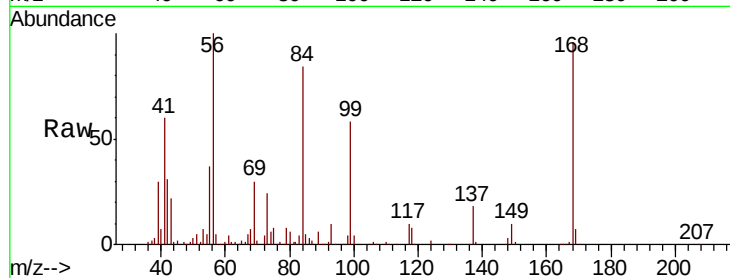
Tot Ion: 56 Resp: 248502

Ion Ratio Lower Upper

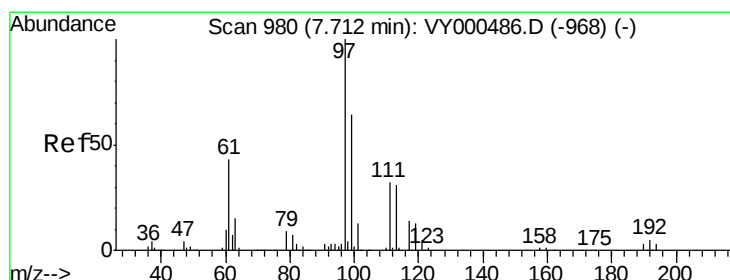
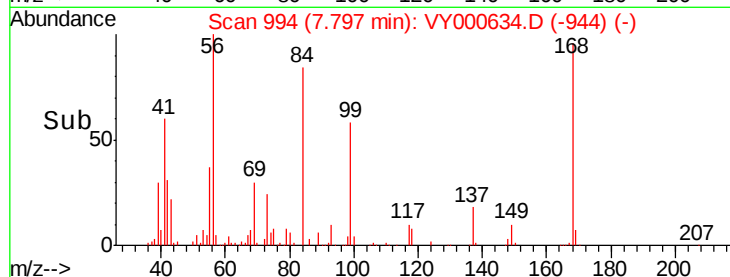
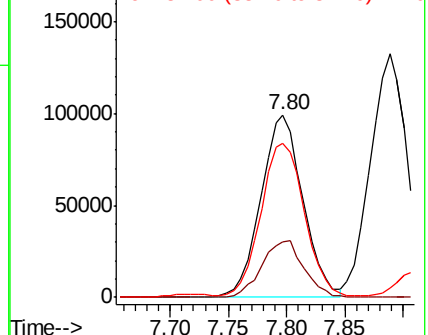
56 100

69 30.3 25.0 37.6

84 83.0 71.4 107.2



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



#32

1,1,1-Trichloroethane

Concen: 54.000 ug/l

RT: 7.72 min Scan# 981

Delta R.T. 0.01 min

Lab File: VY000634.D

Acq: 08 Nov 2019 21:29

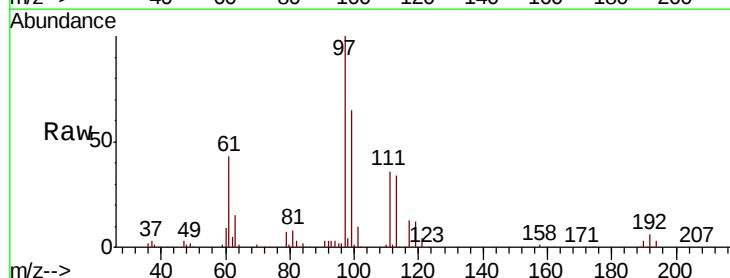
Tgt Ion: 97 Resp: 230350

Ion Ratio Lower Upper

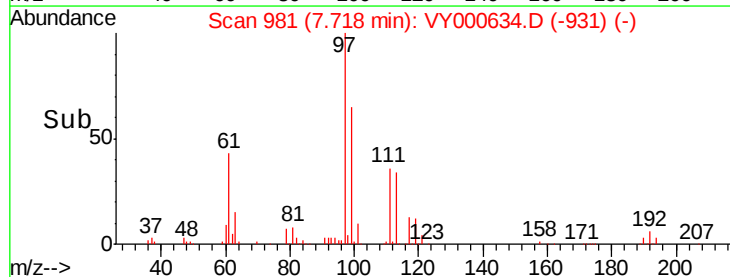
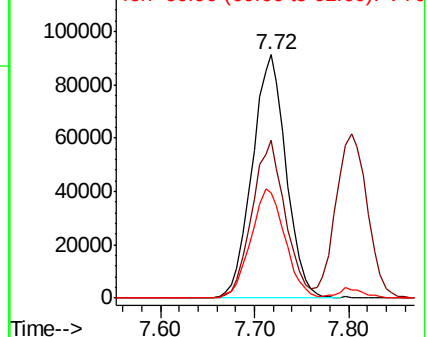
97 100

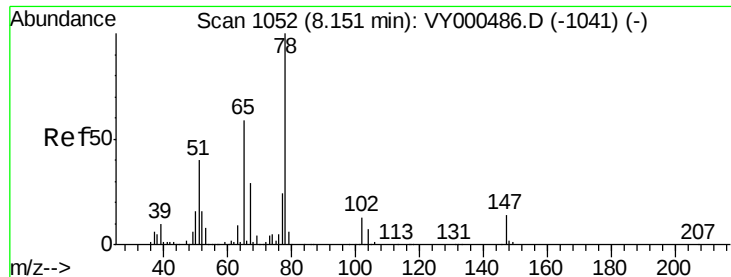
99 63.5 50.9 76.3

61 45.2 34.9 52.3



Abundance Ion 96.90 (96.60 to 97.60): VY0
Ion 98.90 (98.60 to 99.60): VY0
Ion 60.90 (60.60 to 61.60): VY0

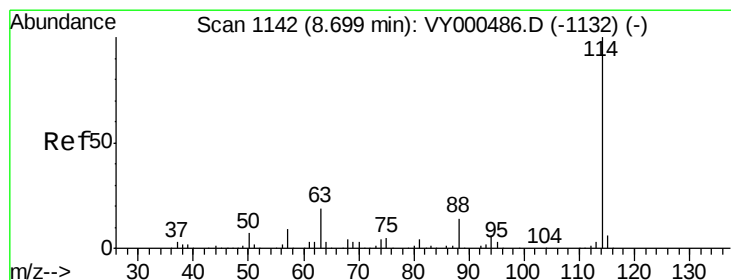
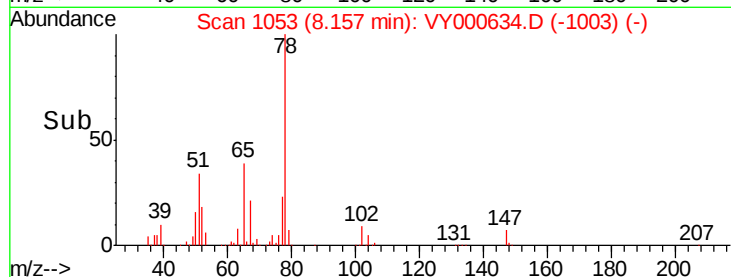
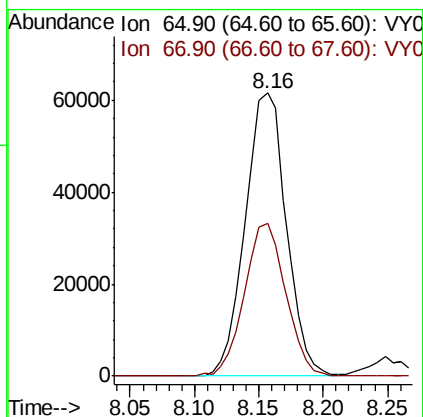
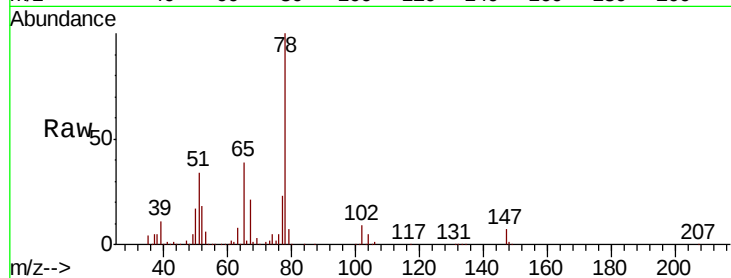




#33
 1,2-Dichloroethane-d4
 Concen: 53.067 ug/l
 RT: 8.16 min Scan# 1053
 Delta R.T. 0.01 min
 Lab File: VY000634.D
 Acq: 08 Nov 2019 21:29

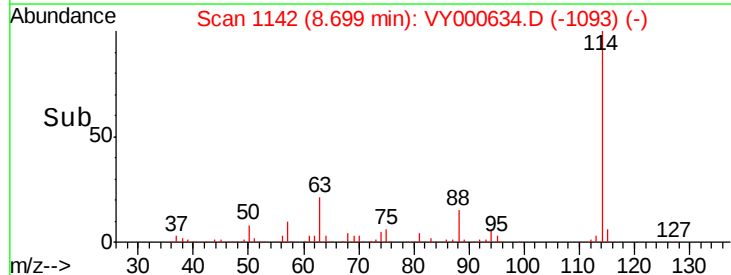
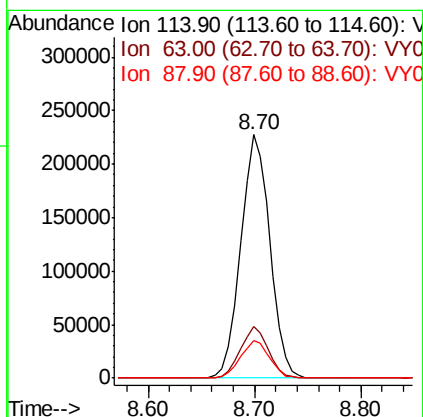
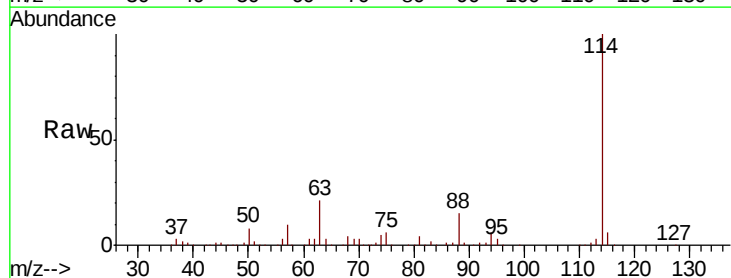
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

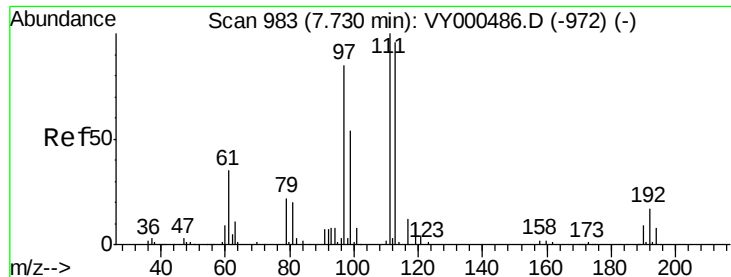
Tot Ion: 65 Resp: 135859
 Ion Ratio Lower Upper
 65 100
 67 54.5 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.00 min
 Lab File: VY000634.D
 Acq: 08 Nov 2019 21:29

Tgt Ion: 114 Resp: 436731
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 38.0
 88 15.2 0.0 28.6

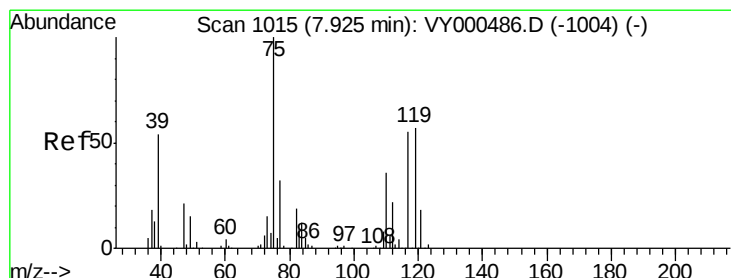
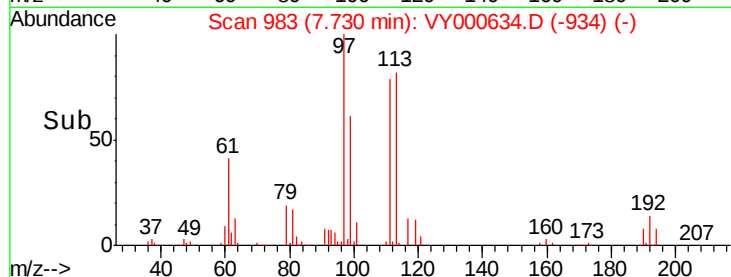
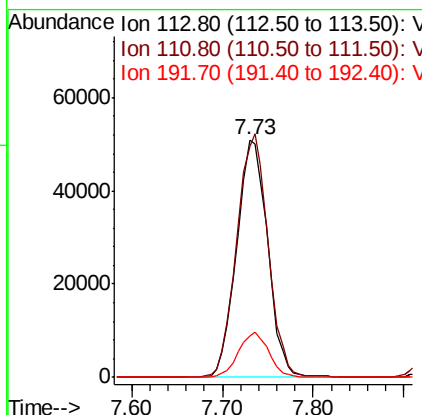
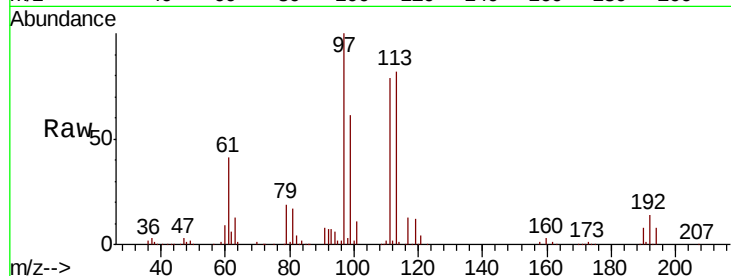




#35
 Dibromofluoromethane
 Concen: 47.114 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.00 min
 Lab File: VY000634.D
 Acq: 08 Nov 2019 21:29

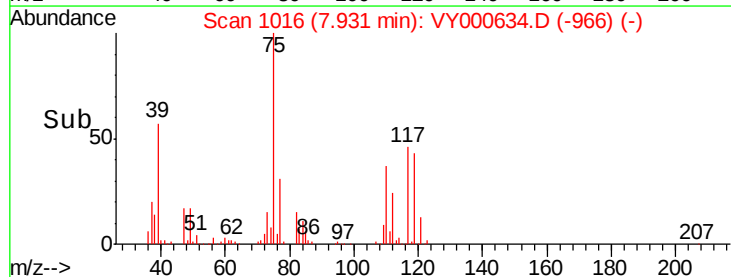
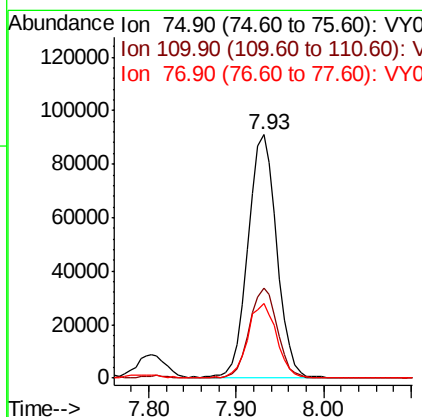
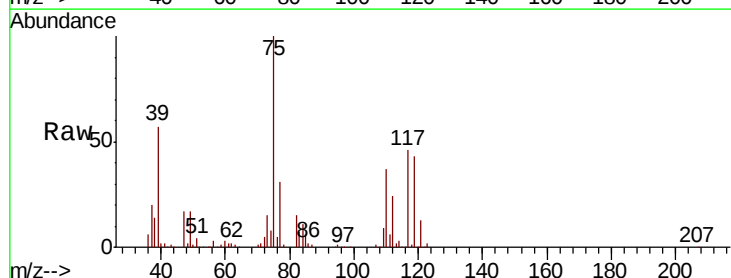
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

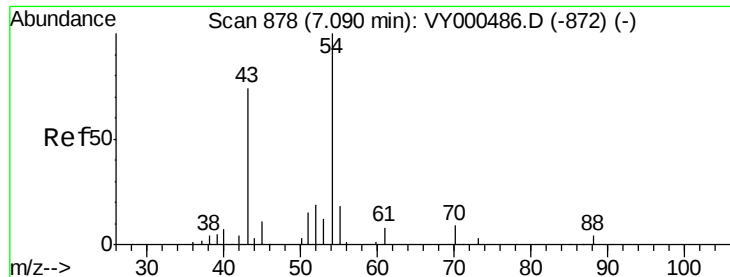
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.2	81.7	122.5
192	18.4	15.0	22.4



#36
 1,1-Dichloropropene
 Concen: 50.239 ug/l
 RT: 7.93 min Scan# 1016
 Delta R.T. 0.01 min
 Lab File: VY000634.D
 Acq: 08 Nov 2019 21:29

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.0	18.1	54.1
77	30.9	25.0	37.6

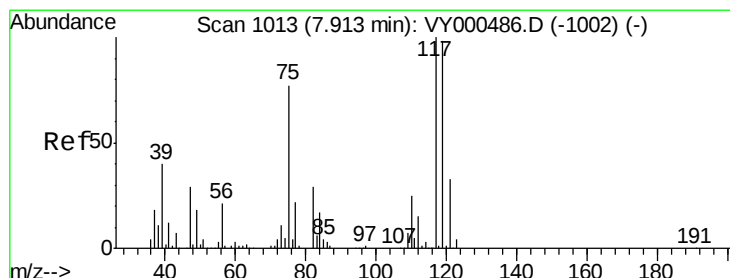
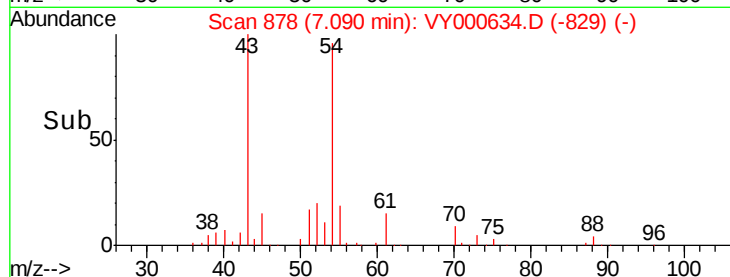
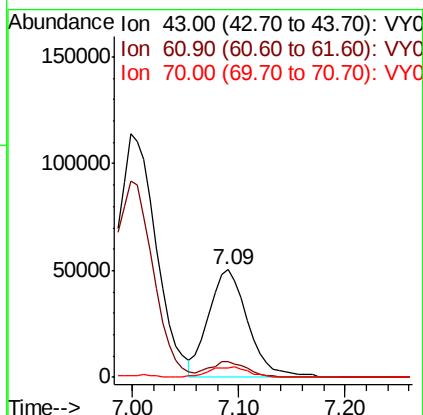
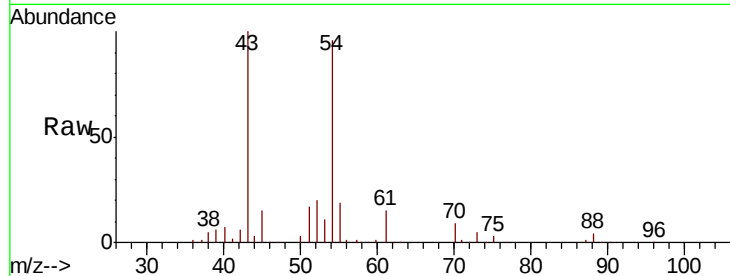




#37
Ethyl Acetate
Concen: 52.592 ug/l
RT: 7.09 min Scan# 878
Delta R.T. -0.00 min
Lab File: VY000634.D
Acq: 08 Nov 2019 21:29

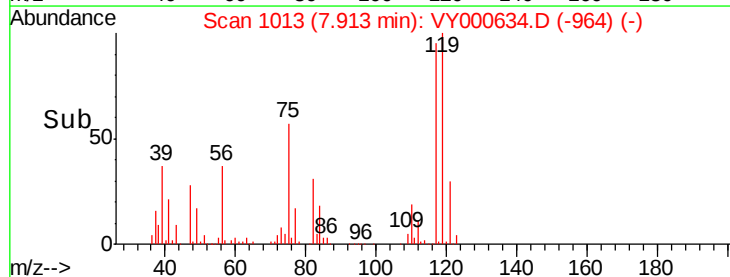
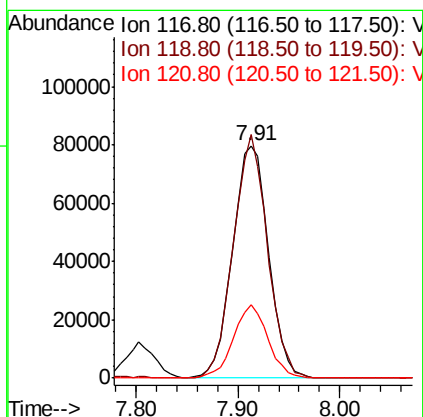
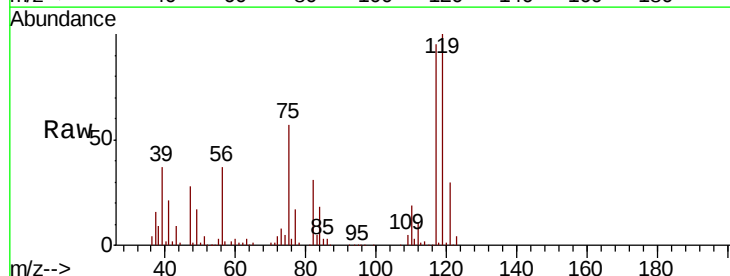
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 128913
Ion Ratio Lower Upper
43 100
61 14.4 10.2 15.2
70 9.8 7.8 11.8



#38
Carbon Tetrachloride
Concen: 49.142 ug/l
RT: 7.91 min Scan# 1013
Delta R.T. -0.00 min
Lab File: VY000634.D
Acq: 08 Nov 2019 21:29

Tgt Ion: 117 Resp: 195226
Ion Ratio Lower Upper
117 100
119 104.7 78.0 117.0
121 31.4 26.6 40.0

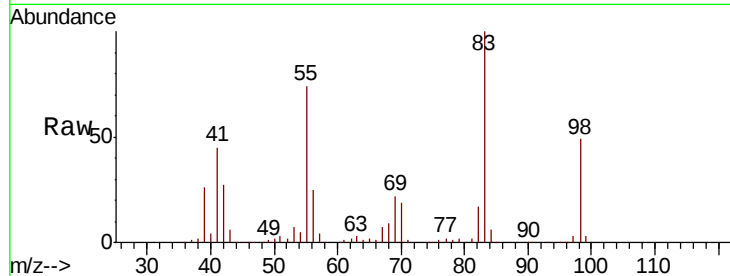




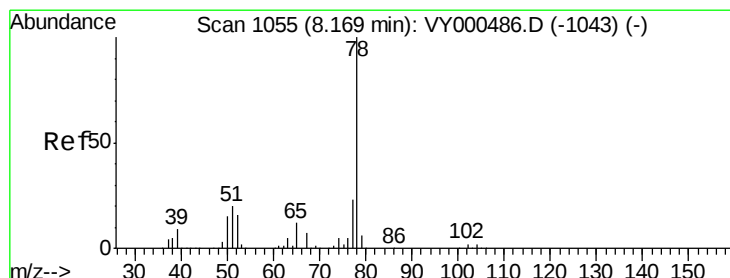
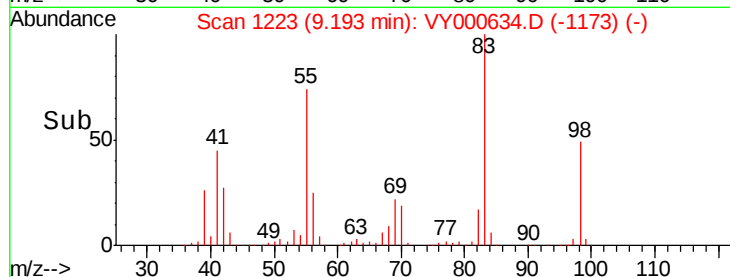
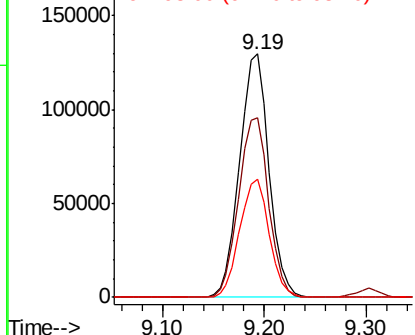
#39
Methvlcvclohexane
Concen: 48.492 ug/l
RT: 9.19 min Scan# 1223
Delta R.T. 0.01 min
Lab File: VY000634.D
Acq: 08 Nov 2019 21:29

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 83 Resp: 258649
Ion Ratio Lower Upper
83 100
55 73.6 57.5 86.3
98 48.8 38.0 57.0

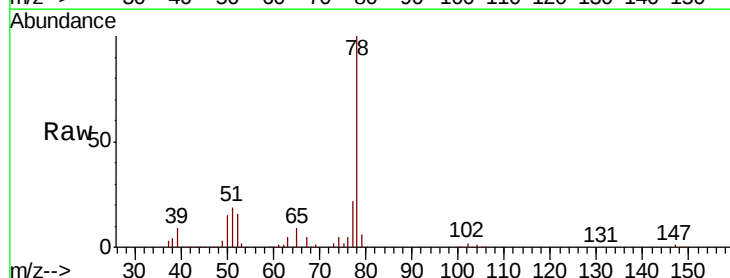


Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

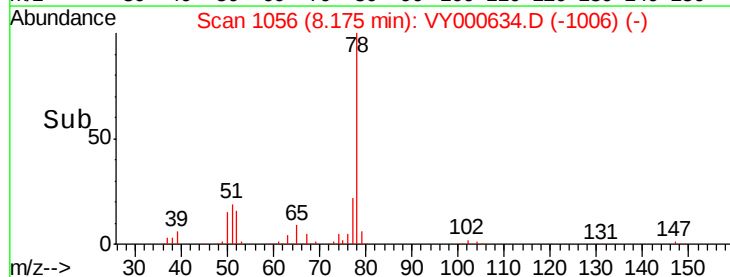
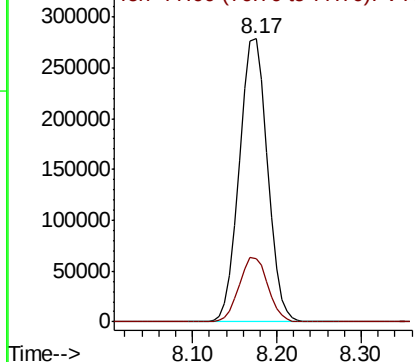


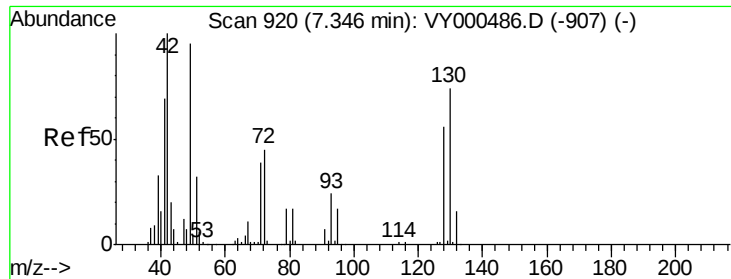
#40
Benzene
Concen: 51.680 ug/l
RT: 8.17 min Scan# 1056
Delta R.T. 0.01 min
Lab File: VY000634.D
Acq: 08 Nov 2019 21:29

Tgt Ion: 78 Resp: 625550
Ion Ratio Lower Upper
78 100
77 22.4 18.6 28.0



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

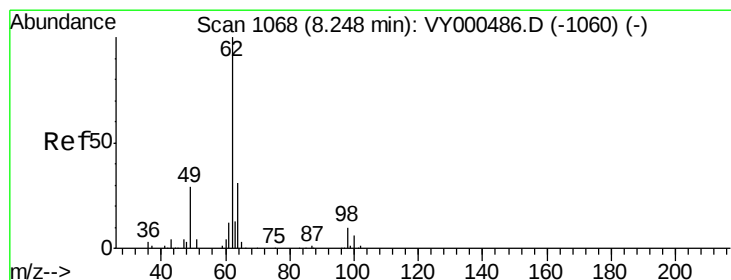
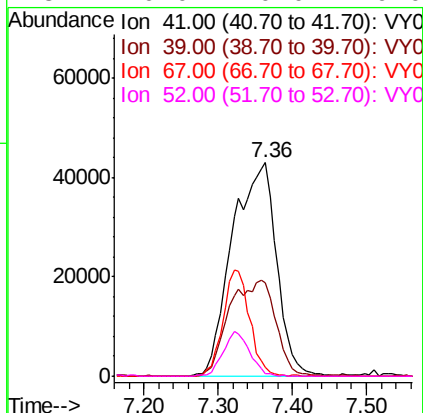
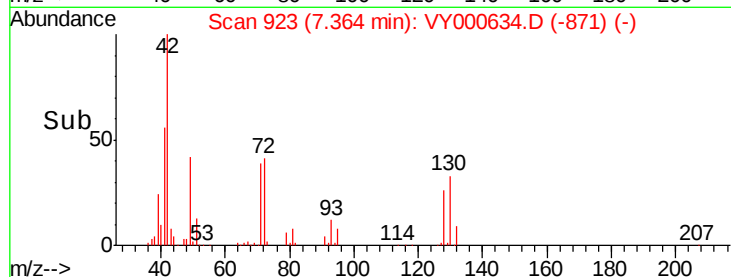
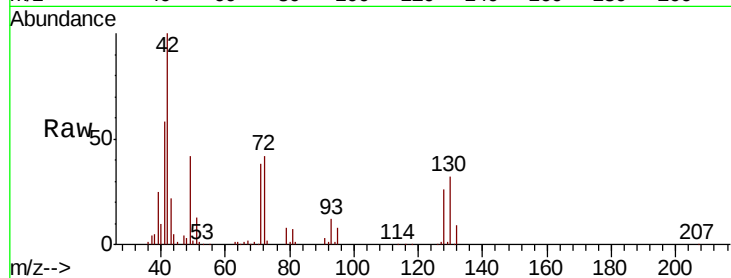




#41
Methacrylonitrile
Concen: 130.551 ug/l
RT: 7.36 min Scan# 923
Delta R.T. 0.02 min
Lab File: VY000634.D
Acq: 08 Nov 2019 21:29

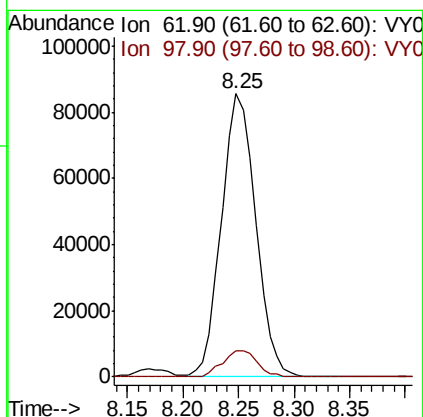
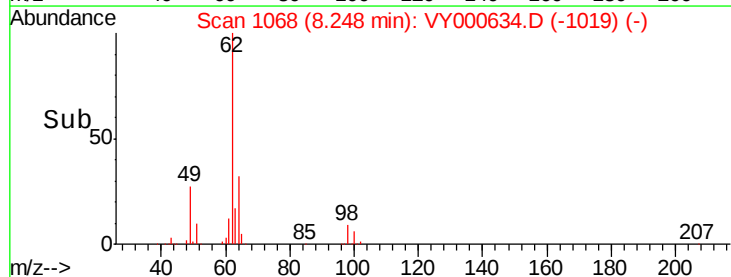
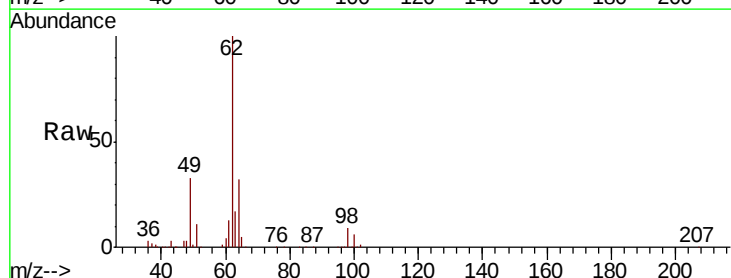
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

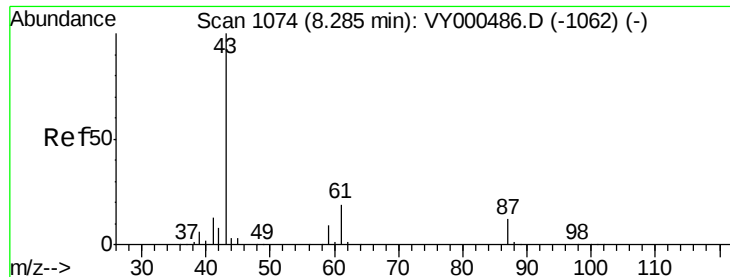
Tot Ion: 41 Resp: 178519
Ion Ratio Lower Upper
41 100
39 0.0 68.2 102.4#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 53.416 ug/l
RT: 8.25 min Scan# 1068
Delta R.T. -0.00 min
Lab File: VY000634.D
Acq: 08 Nov 2019 21:29

Tgt Ion: 62 Resp: 183381
Ion Ratio Lower Upper
62 100
98 9.3 0.0 19.2





#43

Isopropyl Acetate

Concen: 55.747 ug/l

RT: 8.28 min Scan# 1074

Delta R.T. -0.00 min

Lab File: VY000634.D

Acq: 08 Nov 2019 21:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

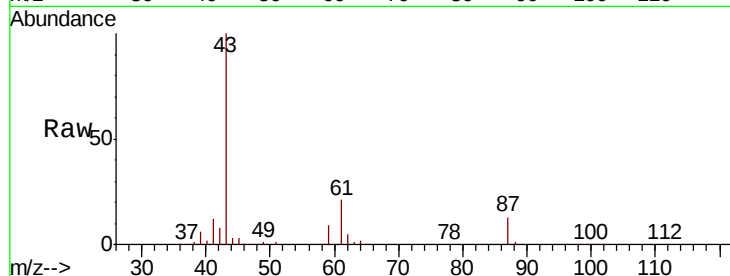
Tot Ion: 43 Resp: 256692

Ion Ratio Lower Upper

43 100

61 28.1 23.0 34.4

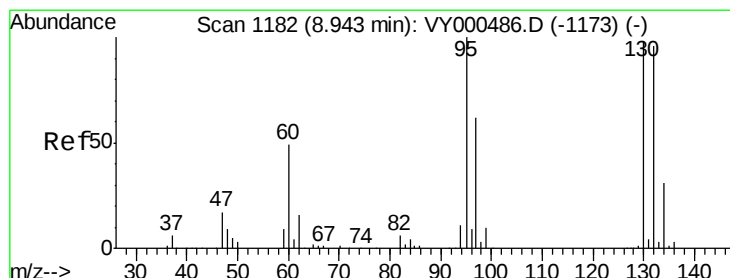
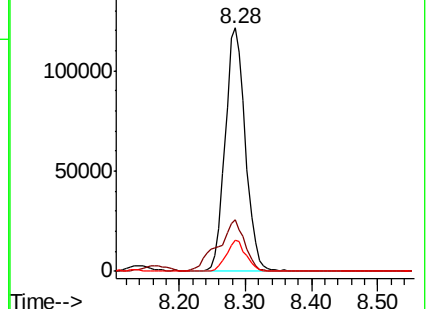
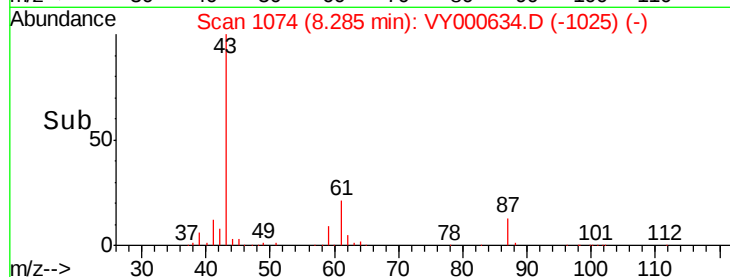
87 12.4 10.5 15.7



Abundance Ion 43.00 (42.70 to 43.70): VY000634.D (-1062) (-)

Ion 61.00 (60.70 to 61.70): VY000634.D (-1062) (-)

Ion 87.00 (86.70 to 87.70): VY000634.D (-1062) (-)



#44

Trichloroethene

Concen: 50.846 ug/l

RT: 8.95 min Scan# 1183

Delta R.T. 0.01 min

Lab File: VY000634.D

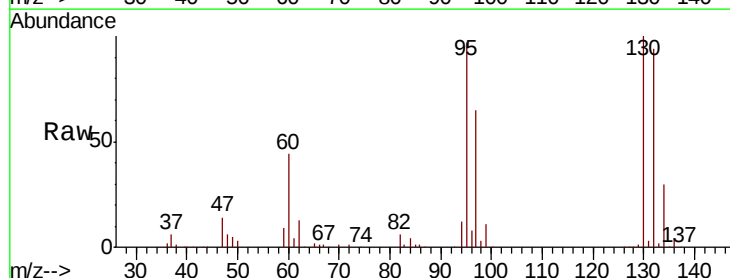
Acq: 08 Nov 2019 21:29

Tgt Ion: 130 Resp: 162270

Ion Ratio Lower Upper

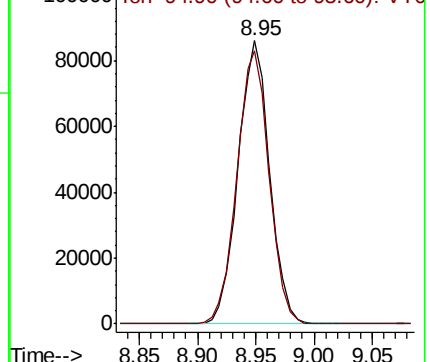
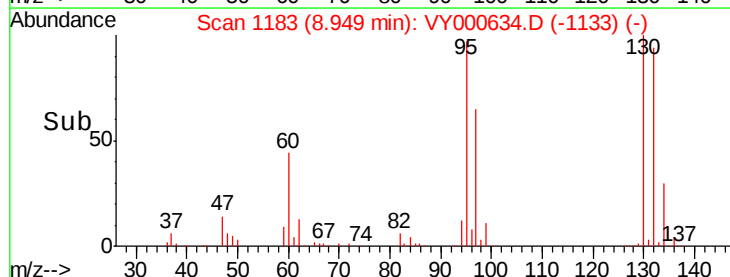
130 100

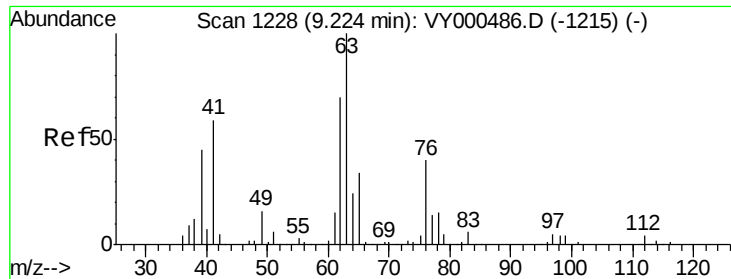
95 96.7 0.0 203.2



Abundance Ion 129.80 (129.50 to 130.50): VY000634.D (-1133) (-)

Ion 94.90 (94.60 to 95.60): VY000634.D (-1133) (-)

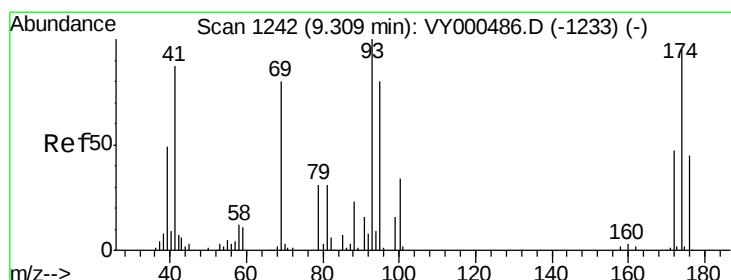
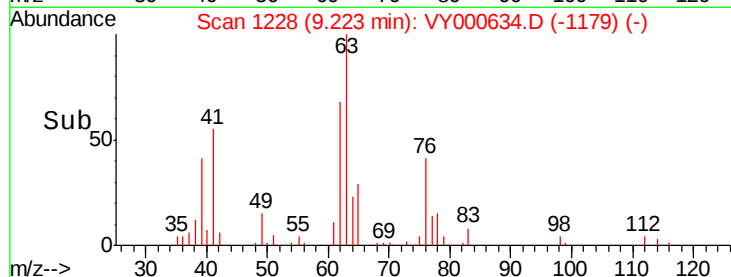
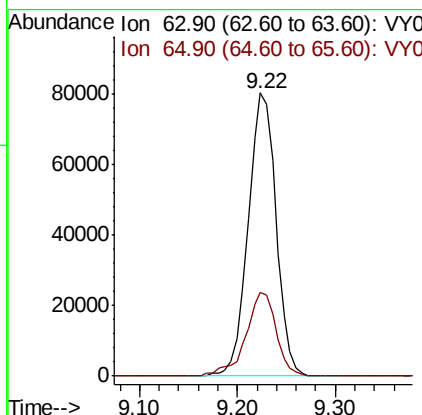
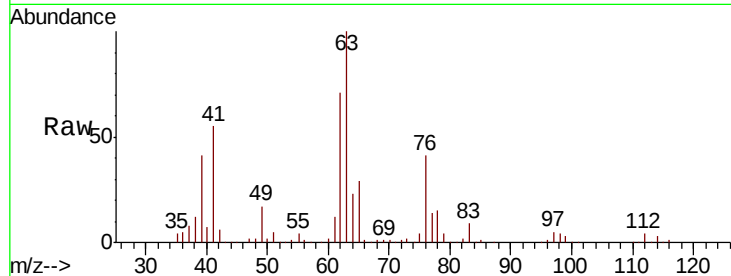




#45
 1,2-Dichloropropane
 Concen: 53.483 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. -0.00 min
 Lab File: VY000634.D
 Acq: 08 Nov 2019 21:29

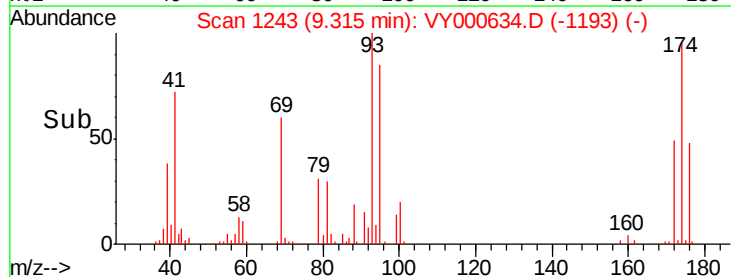
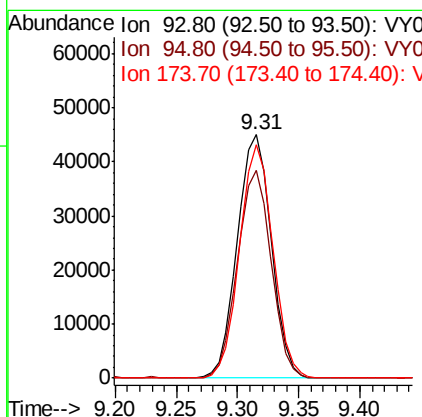
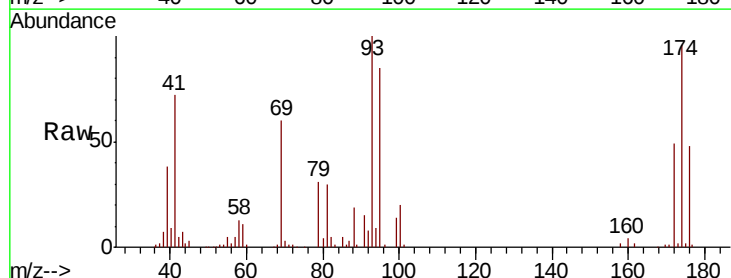
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

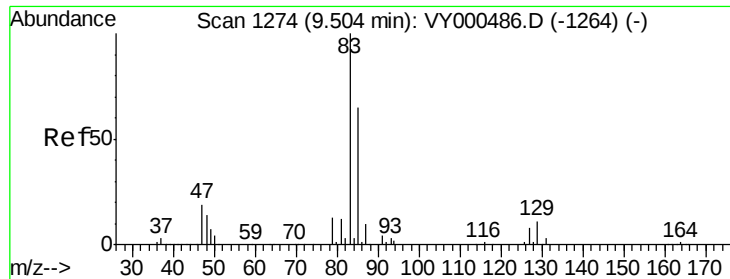
Tot Ion: 63 Resp: 159331
 Ion Ratio Lower Upper
 63 100
 65 29.4 27.0 40.4



#46
 Dibromomethane
 Concen: 53.237 ug/l
 RT: 9.31 min Scan# 1243
 Delta R.T. 0.01 min
 Lab File: VY000634.D
 Acq: 08 Nov 2019 21:29

Tgt Ion: 93 Resp: 87223
 Ion Ratio Lower Upper
 93 100
 95 84.3 66.4 99.6
 174 94.0 77.1 115.7





#47

Bromodichloromethane

Concen: 55.460 ug/l

RT: 9.50 min Scan# 1274

Delta R.T. -0.00 min

Lab File: VY000634.D

Acq: 08 Nov 2019 21:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

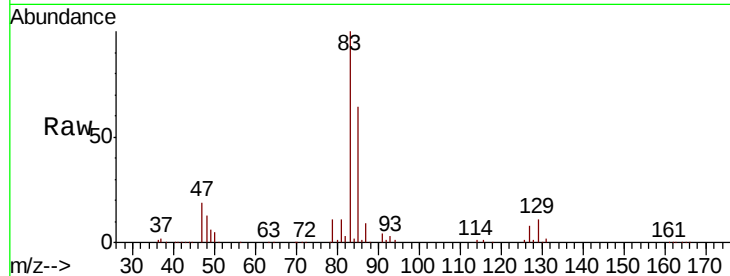
Tot Ion: 83 Resp: 215603

Ion Ratio Lower Upper

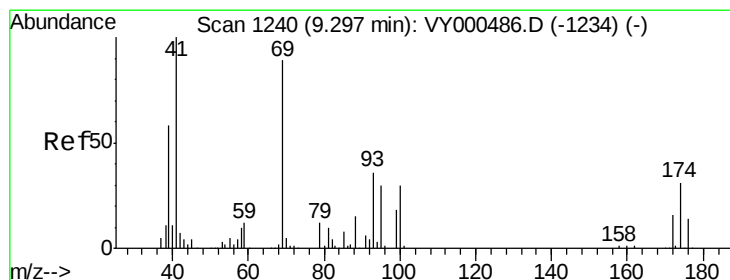
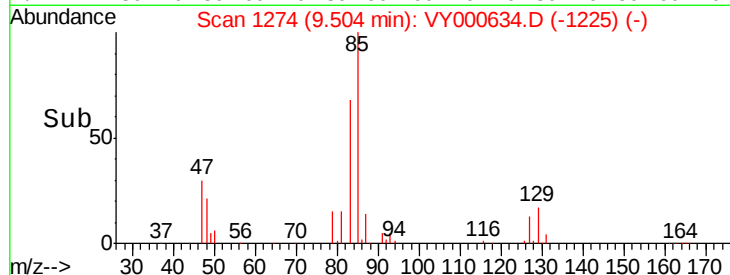
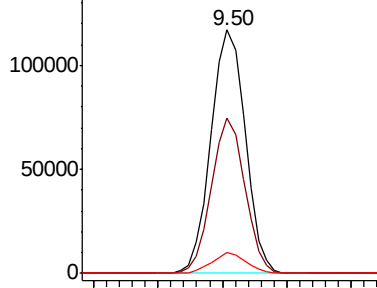
83 100

85 63.7 51.8 77.8

127 8.4 6.7 10.1



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: 57.138 ug/l

RT: 9.30 min Scan# 1241

Delta R.T. 0.01 min

Lab File: VY000634.D

Acq: 08 Nov 2019 21:29

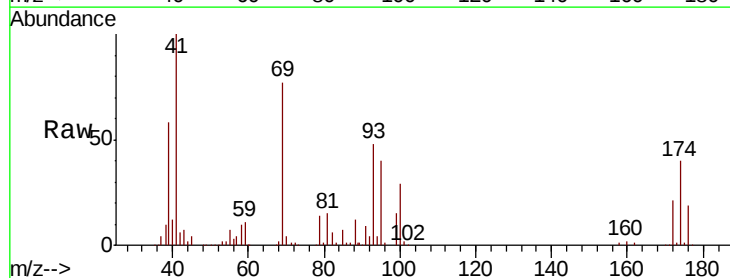
Tgt Ion: 41 Resp: 114954

Ion Ratio Lower Upper

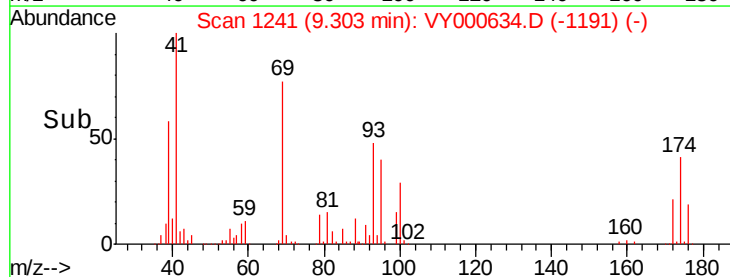
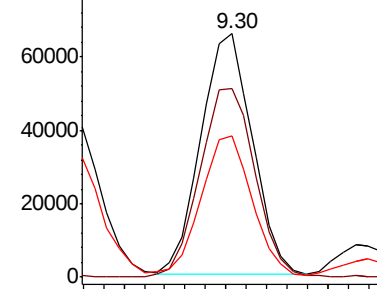
41 100

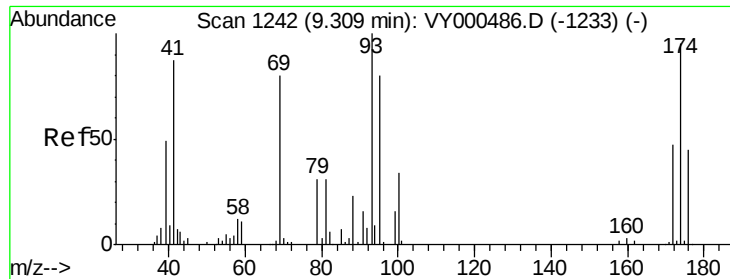
69 83.8 72.5 108.7

39 59.4 47.8 71.8



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



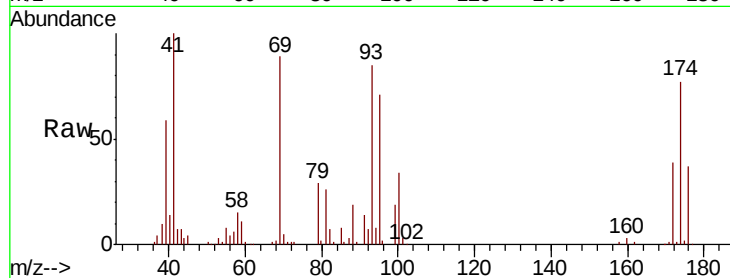


#49
 1,4-Dioxane
 Concen: 1076.230 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.00 min
 Lab File: VY000634.D
 Acq: 08 Nov 2019 21:29

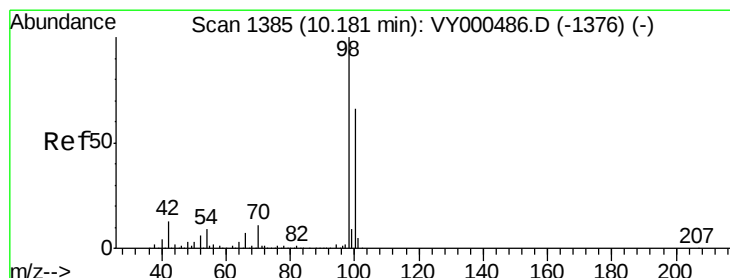
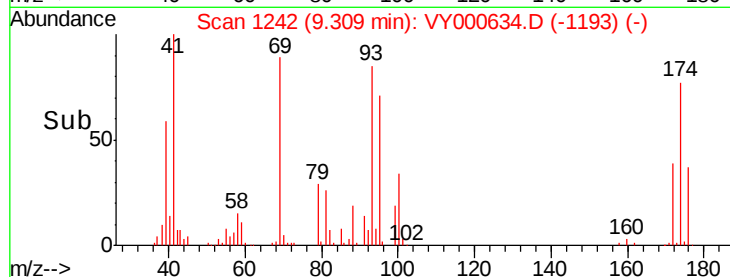
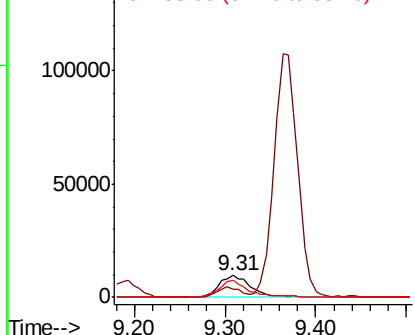
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 88 Resp: 23731

Ion	Ratio	Lower	Upper
88	100		
43	33.1	25.1	37.7
58	73.0	50.6	75.8



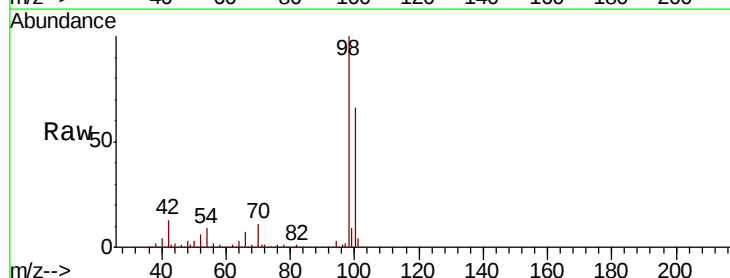
Abundance Ion 88.00 (87.70 to 88.70): VY0
 Ion 43.00 (42.70 to 43.70): VY0
 Ion 58.00 (57.70 to 58.70): VY0



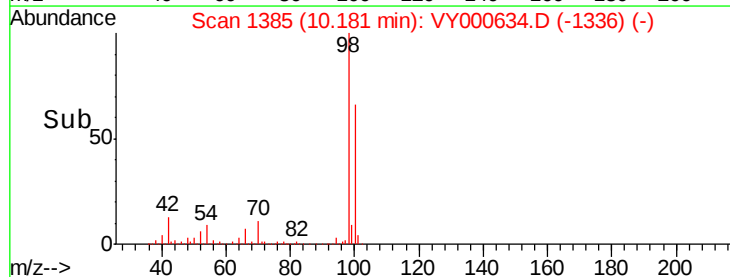
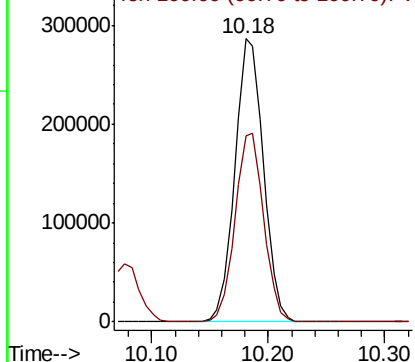
#50
 Toluene-d8
 Concen: 50.270 ug/l
 RT: 10.18 min Scan# 1385
 Delta R.T. -0.00 min
 Lab File: VY000634.D
 Acq: 08 Nov 2019 21:29

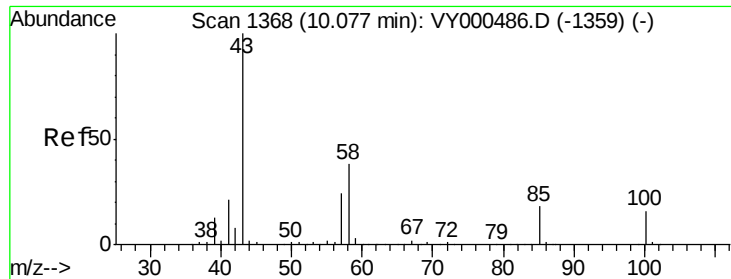
Tgt Ion: 98 Resp: 489062

Ion	Ratio	Lower	Upper
98	100		
100	66.7	52.9	79.3



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





#51

4-Methyl-2-Pentanone

Concen: 281.751 ug/l

RT: 10.08 min Scan# 1368

Delta R.T. -0.00 min

Lab File: VY000634.D

Acq: 08 Nov 2019 21:29

Instrument :

MSVOA_Y

ClientSampleId :

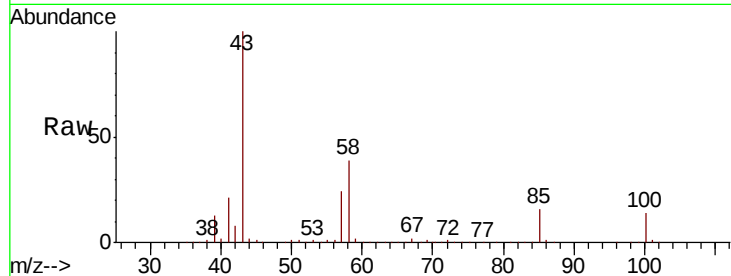
VSTDCCC050EC

Tot Ion: 43 Resp: 689764

Ion Ratio Lower Upper

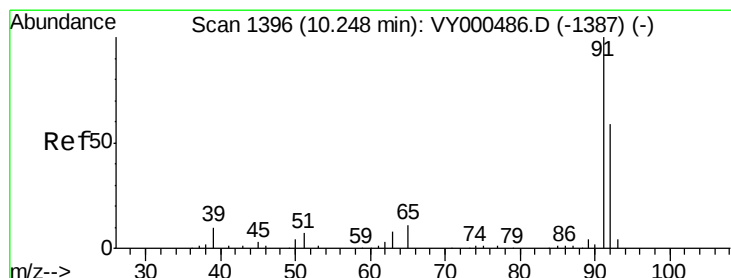
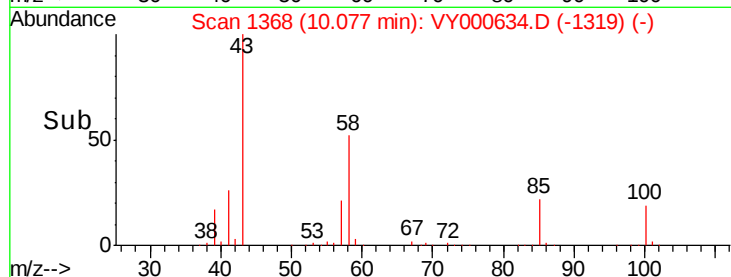
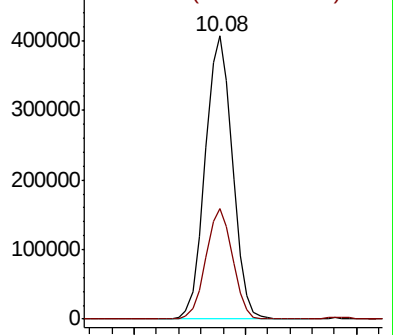
43 100

58 38.3 30.2 45.4



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#52

Toluene

Concen: 51.681 ug/l

RT: 10.25 min Scan# 1396

Delta R.T. -0.00 min

Lab File: VY000634.D

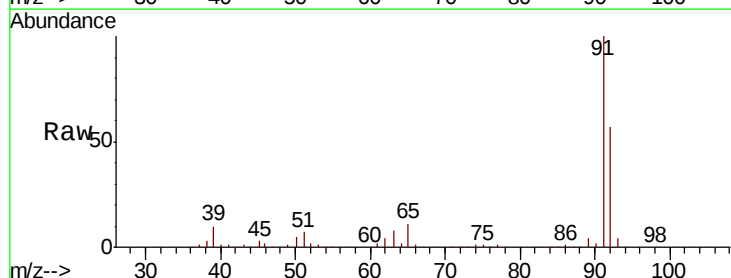
Acq: 08 Nov 2019 21:29

Tgt Ion: 92 Resp: 395497

Ion Ratio Lower Upper

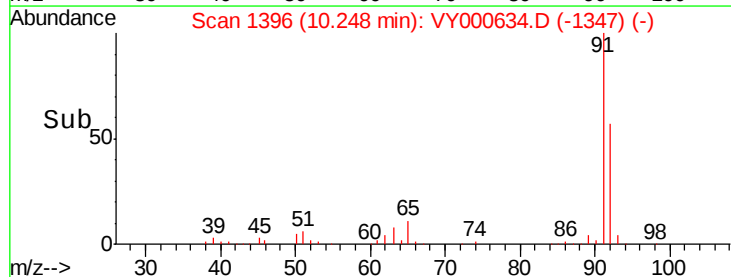
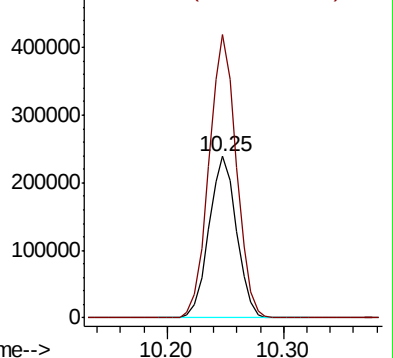
92 100

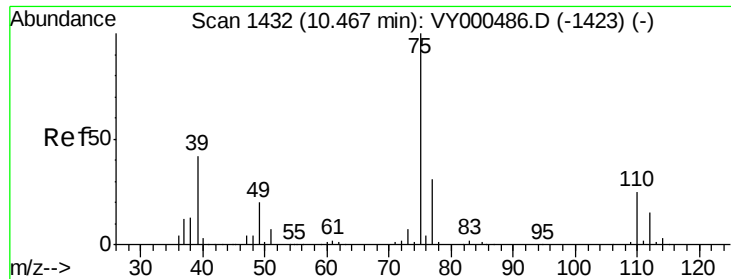
91 173.7 136.3 204.5



Abundance Ion 92.00 (91.70 to 92.70): VY0

Ion 91.00 (90.70 to 91.70): VY0





#53

t-1,3-Dichloropropene

Concen: 54.438 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VY000634.D

Acq: 08 Nov 2019 21:29

Instrument :

MSVOA_Y

ClientSampleId :

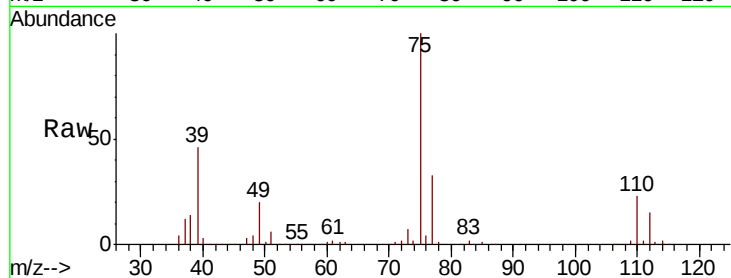
VSTDCCC050EC

Tot Ion: 75 Resp: 226126

Ion Ratio Lower Upper

75 100

77 33.0 24.6 37.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

10.47

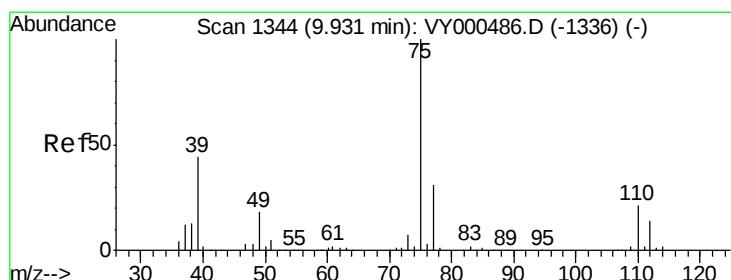
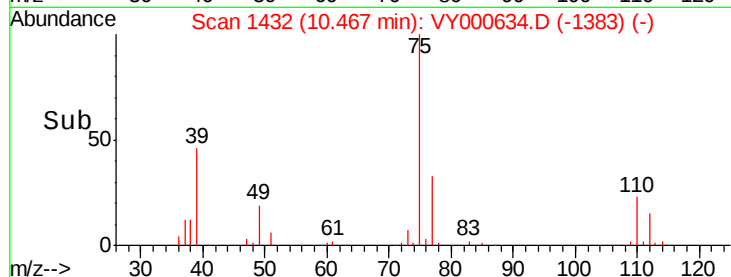
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 53.863 ug/l

RT: 9.94 min Scan# 1345

Delta R.T. 0.01 min

Lab File: VY000634.D

Acq: 08 Nov 2019 21:29

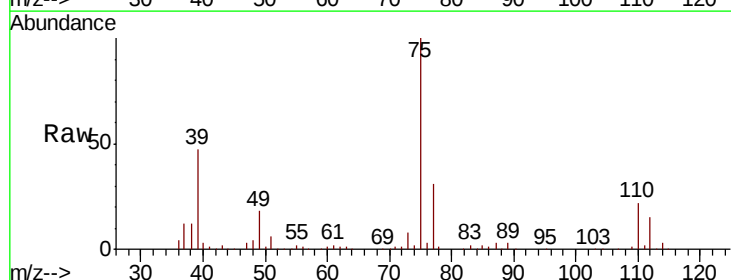
Tgt Ion: 75 Resp: 256314

Ion Ratio Lower Upper

75 100

77 30.9 24.5 36.7

39 46.7 35.4 53.2



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0

200000

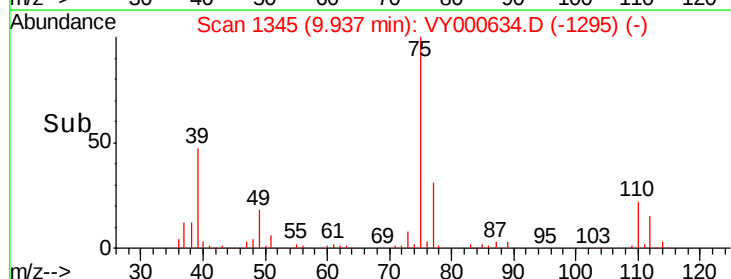
150000

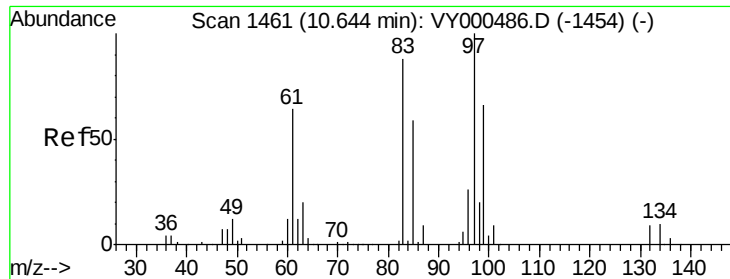
100000

50000

0

Time-->

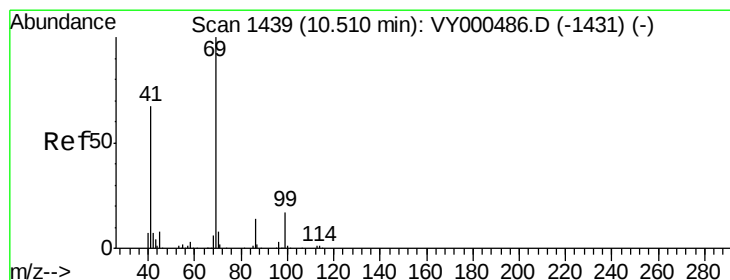
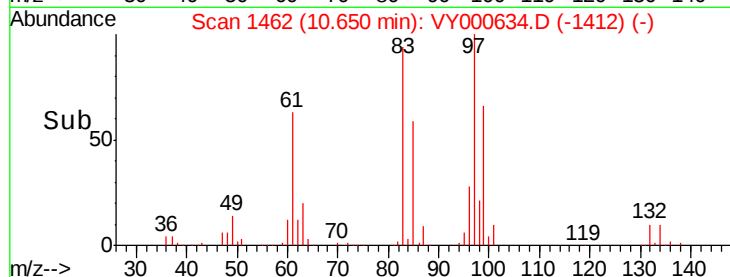
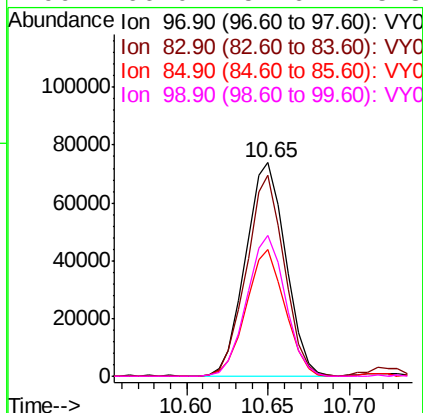
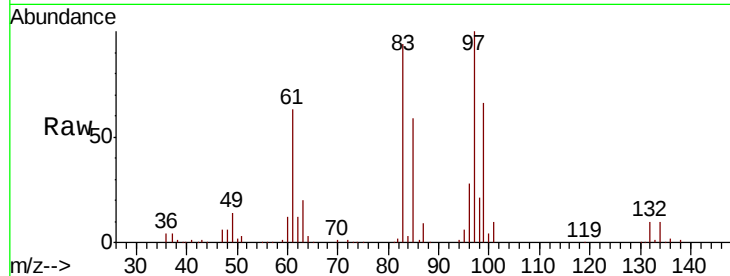




#55
 1,1,2-Trichloroethane
 Concen: 53.301 ug/l
 RT: 10.65 min Scan# 1462
 Delta R.T. 0.01 min
 Lab File: VY000634.D
 Acq: 08 Nov 2019 21:29

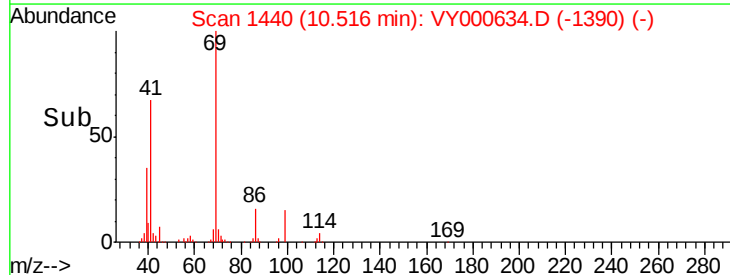
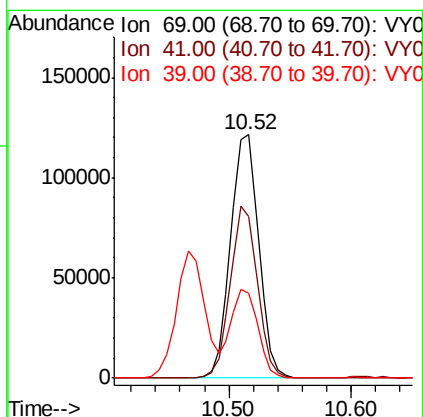
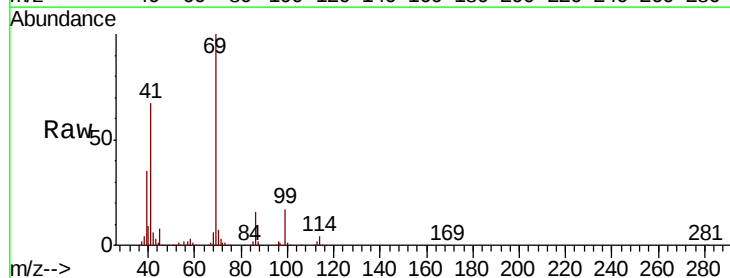
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	97	Resp	126309
Ion Ratio	Lower	Upper	
97	100		
83	93.8	70.2	105.4
85	59.5	46.9	70.3
99	66.0	52.6	78.8



#56
 Ethyl methacrylate
 Concen: 57.502 ug/l
 RT: 10.52 min Scan# 1440
 Delta R.T. 0.01 min
 Lab File: VY000634.D
 Acq: 08 Nov 2019 21:29

Tgt Ion	69	Resp	193131
Ion Ratio	Lower	Upper	
69	100		
41	67.4	53.3	79.9
39	35.4	28.0	42.0





#57

1,3-Dichloropropane

Concen: 54.030 ug/l

RT: 10.80 min Scan# 1486

Delta R.T. 0.01 min

Lab File: VY000634.D

Acq: 08 Nov 2019 21:29

Instrument :

MSVOA_Y

ClientSampleId :

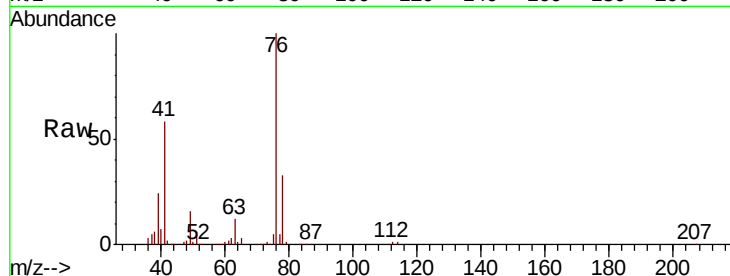
VSTDCCC050EC

Tot Ion: 76 Resp: 224091

Ion Ratio Lower Upper

76 100

78 32.4 25.2 37.8



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

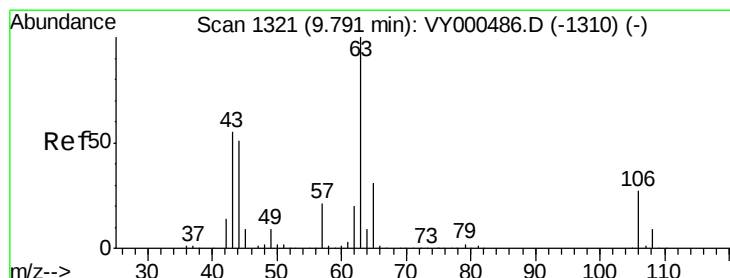
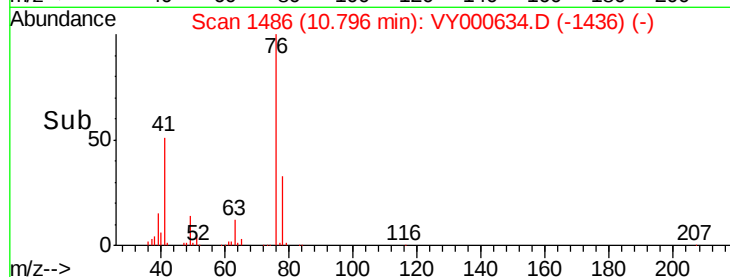
150000

100000

50000

0

Time--> 10.70 10.80



#58

2-Chloroethyl Vinyl ether

Concen: 262.964 ug/l

RT: 9.79 min Scan# 1321

Delta R.T. -0.00 min

Lab File: VY000634.D

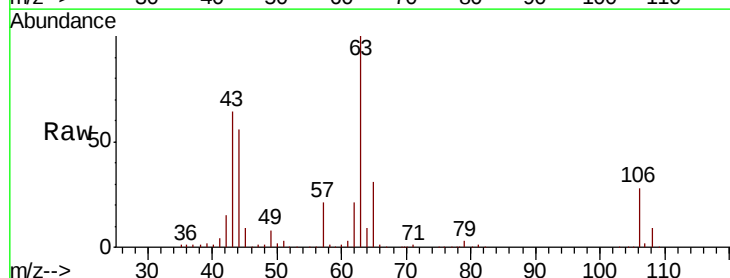
Acq: 08 Nov 2019 21:29

Tgt Ion: 63 Resp: 399291

Ion Ratio Lower Upper

63 100

106 27.0 22.6 33.8



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

250000

200000

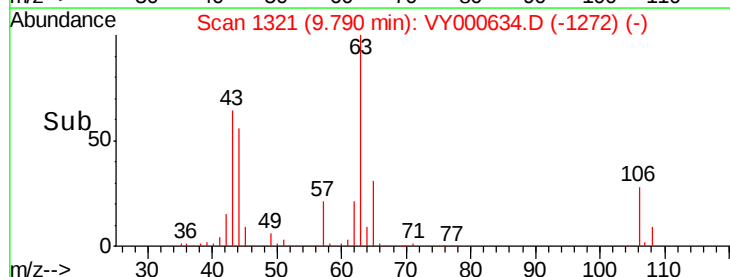
150000

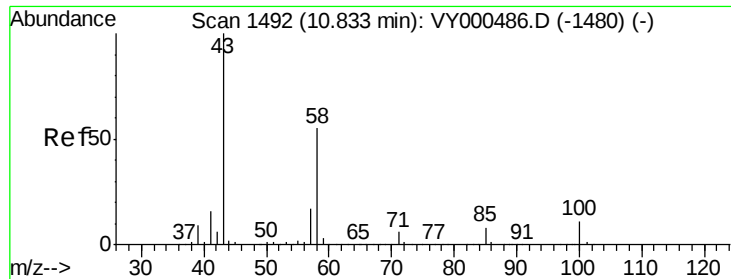
100000

50000

0

Time--> 9.70 9.75 9.80 9.85

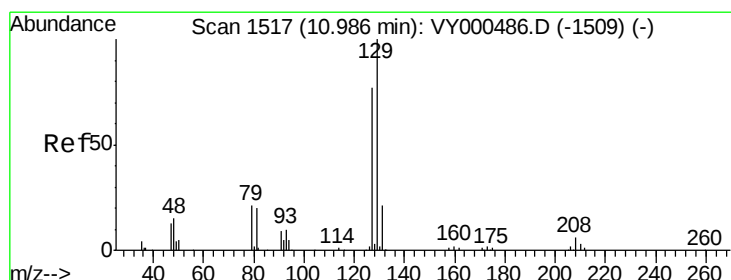
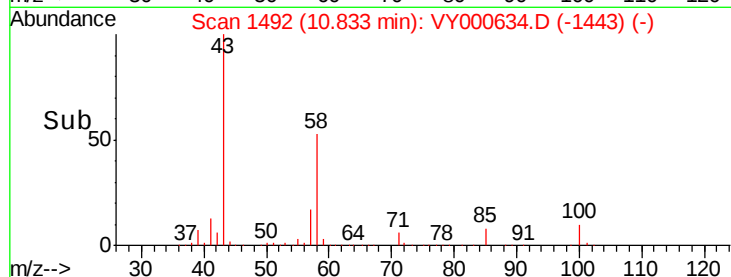
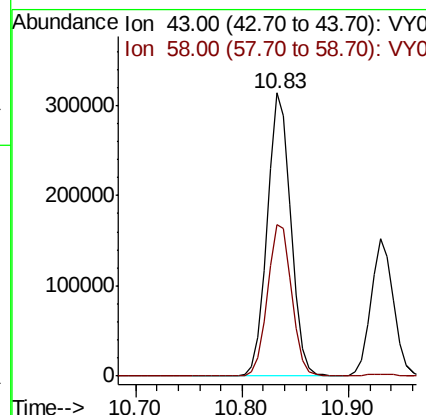
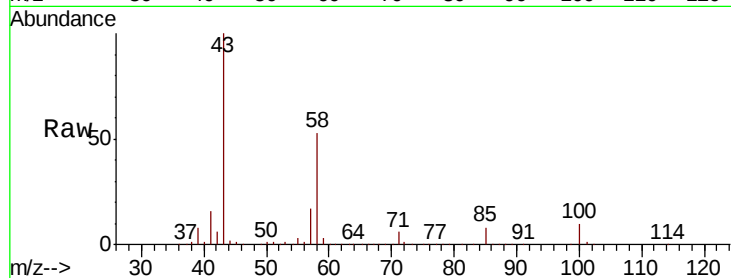




#59
2-Hexanone
Concen: 272.977 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY000634.D
Acq: 08 Nov 2019 21:29

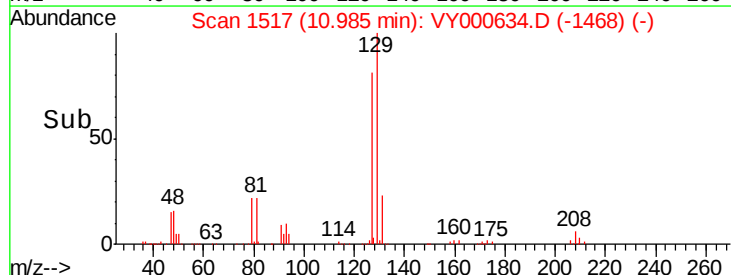
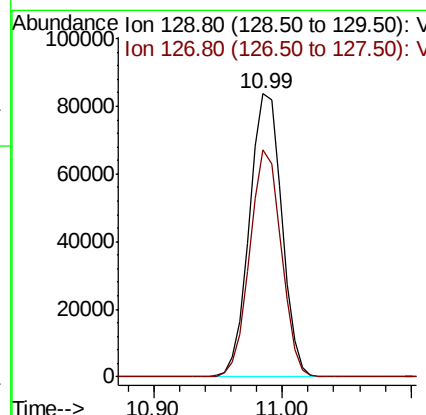
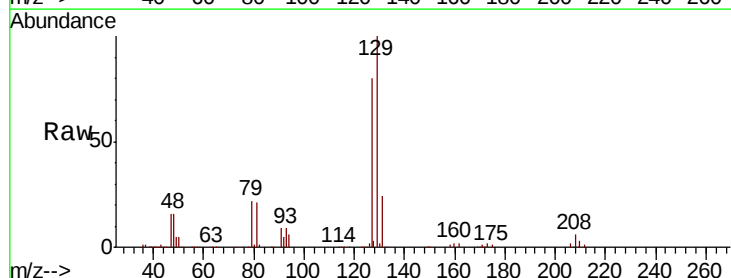
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

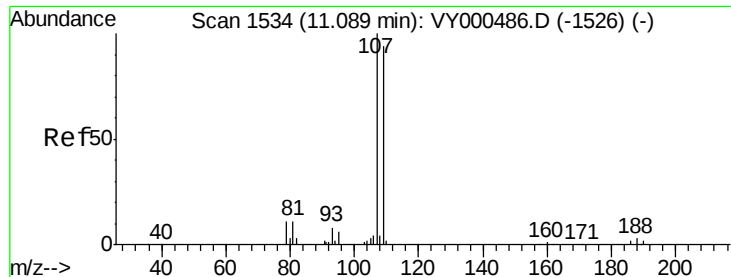
Tot Ion: 43 Resp: 486909
Ion Ratio Lower Upper
43 100
58 54.8 27.1 81.3



#60
Dibromochloromethane
Concen: 53.324 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY000634.D
Acq: 08 Nov 2019 21:29

Tgt Ion: 129 Resp: 144740
Ion Ratio Lower Upper
129 100
127 78.1 39.1 117.2

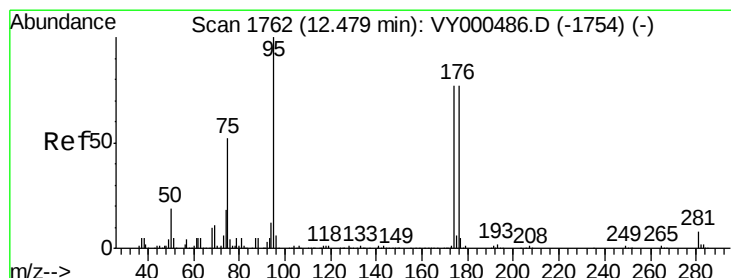
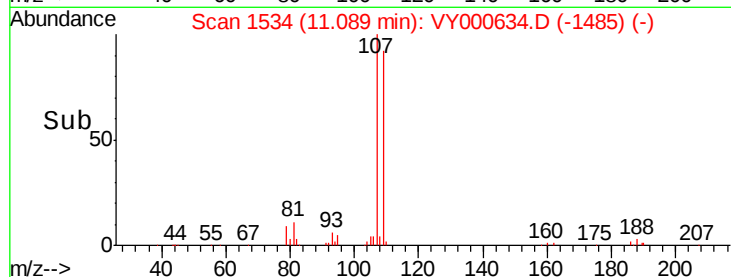
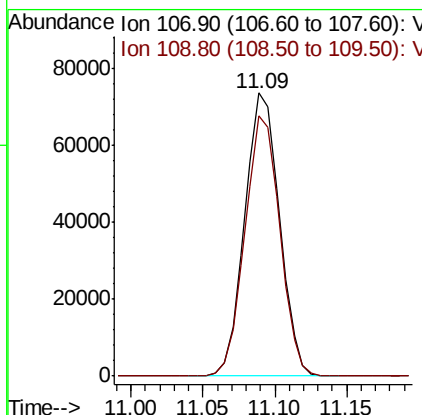
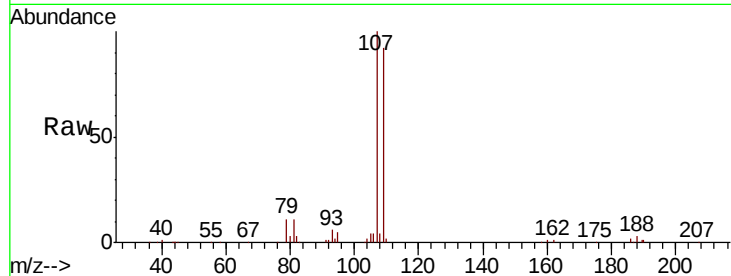




#61
 1,2-Dibromoethane
 Concen: 53.974 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VY000634.D
 Acq: 08 Nov 2019 21:29

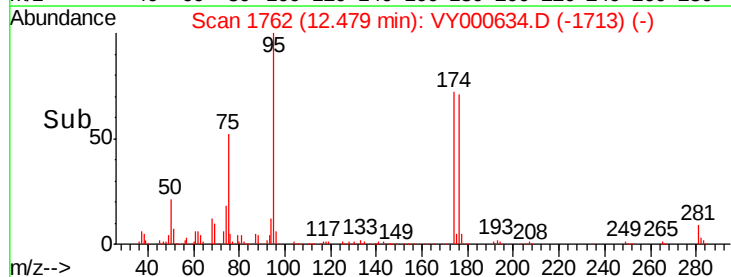
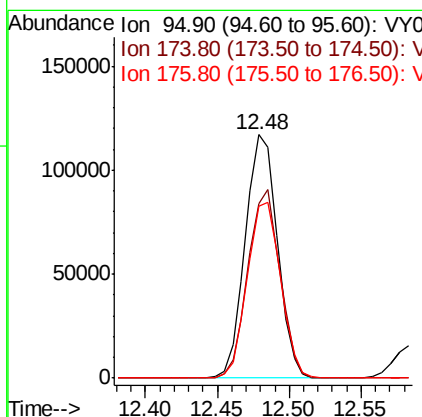
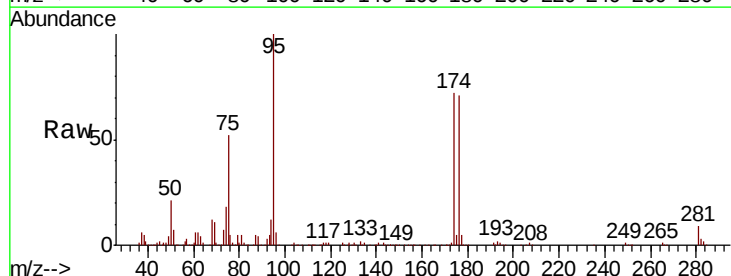
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:107 Resp: 122978
 Ion Ratio Lower Upper
 107 100
 109 92.5 73.6 110.4



#62
 4-Bromofluorobenzene
 Concen: 48.837 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VY000634.D
 Acq: 08 Nov 2019 21:29

Tgt Ion: 95 Resp: 180874
 Ion Ratio Lower Upper
 95 100
 174 77.2 0.0 161.6
 176 74.6 0.0 157.8

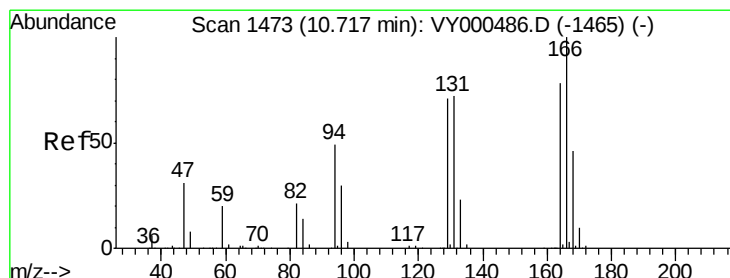
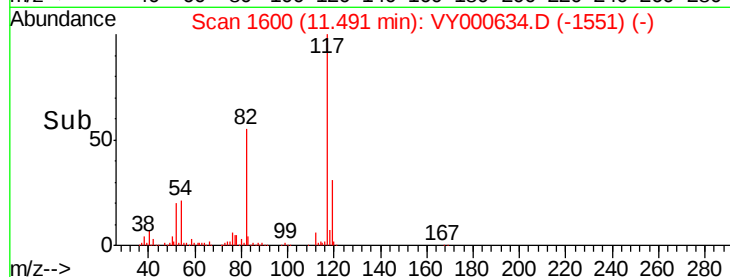
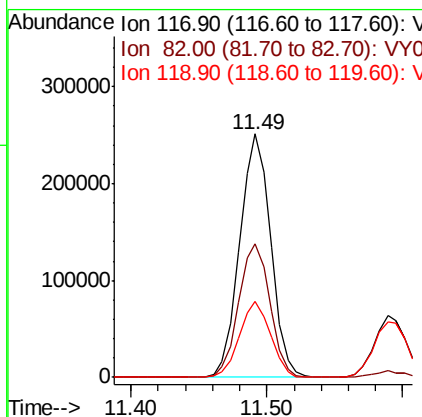
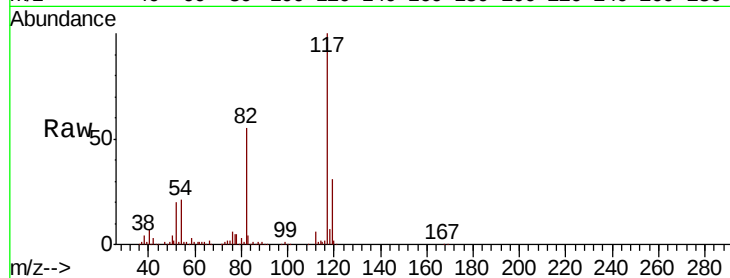




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY000634.D
Acq: 08 Nov 2019 21:29

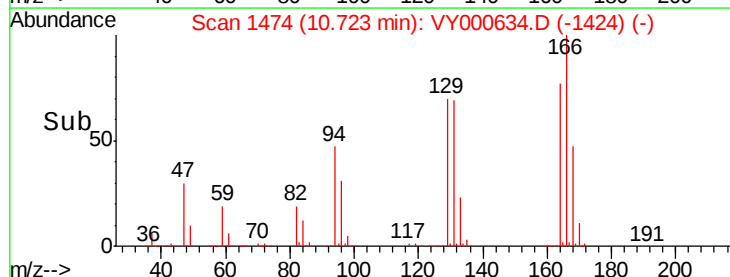
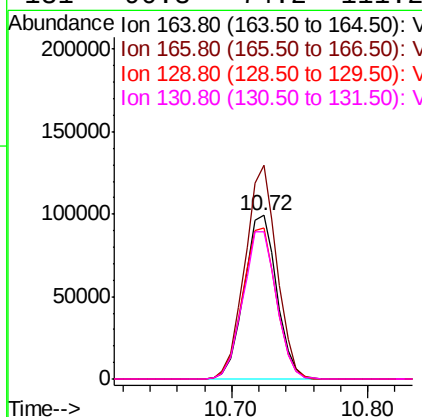
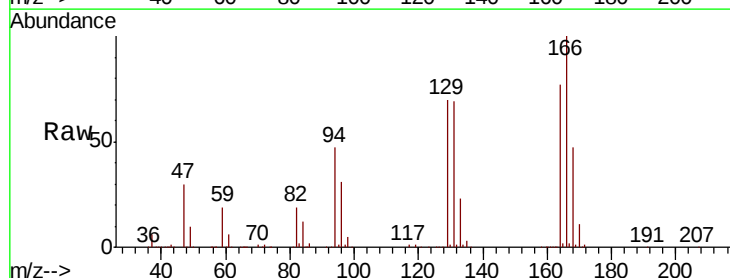
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

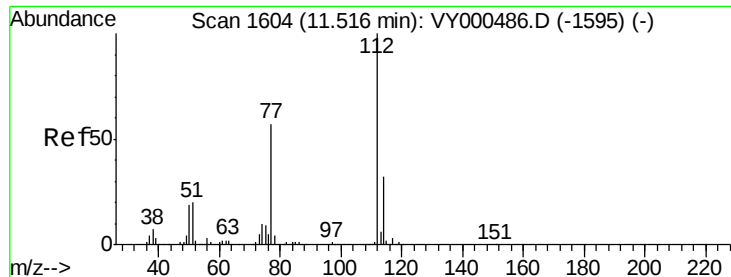
Tot Ion:117 Resp: 399711
Ion Ratio Lower Upper
117 100
82 54.7 40.8 61.2
119 31.3 26.2 39.2



#64
Tetrachloroethene
Concen: 50.537 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VY000634.D
Acq: 08 Nov 2019 21:29

Tgt Ion:164 Resp: 167032
Ion Ratio Lower Upper
164 100
166 130.7 102.7 154.1
129 92.1 73.2 109.8
131 90.3 74.2 111.2

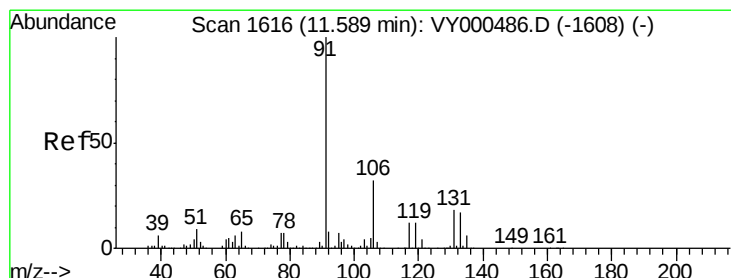
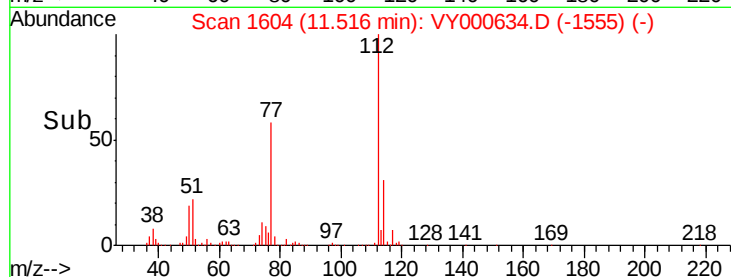
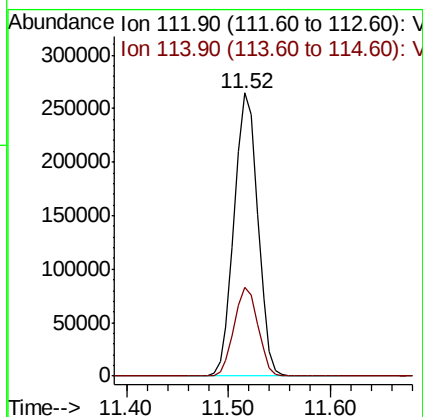
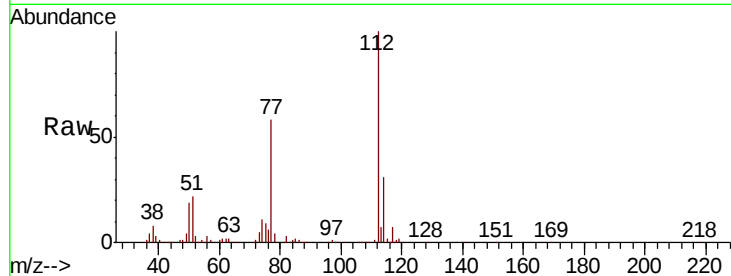




#65
Chlorobenzene
Concen: 52.141 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VY000634.D
Acq: 08 Nov 2019 21:29

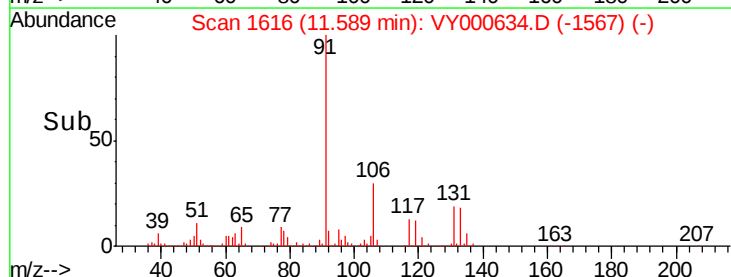
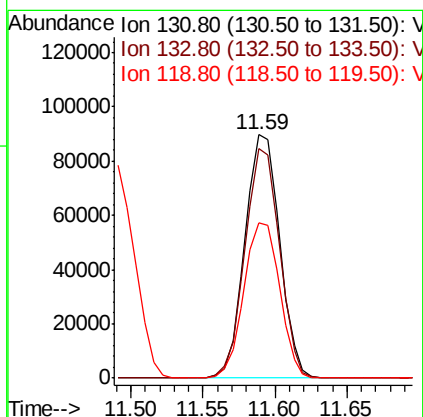
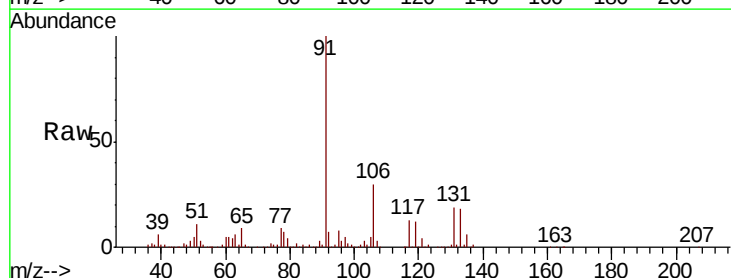
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

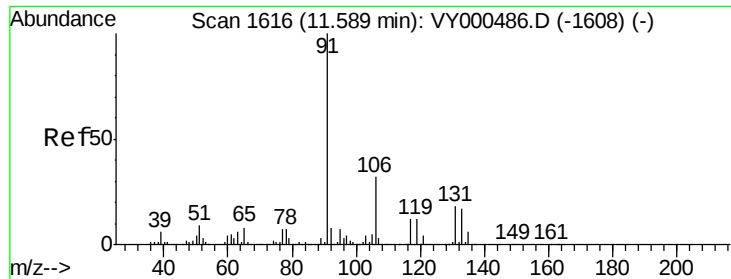
Tot Ion:112 Resp: 422550
Ion Ratio Lower Upper
112 100
114 31.3 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 53.280 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY000634.D
Acq: 08 Nov 2019 21:29

Tgt Ion:131 Resp: 149750
Ion Ratio Lower Upper
131 100
133 93.7 47.9 143.8
119 65.8 33.1 99.3

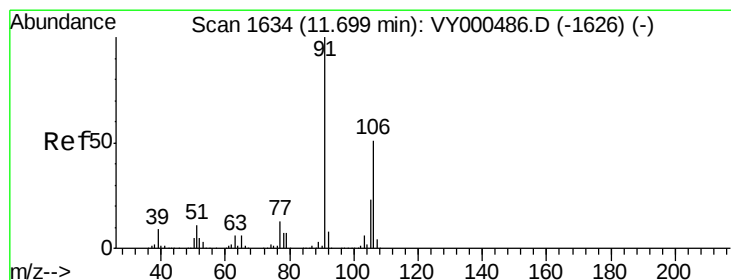
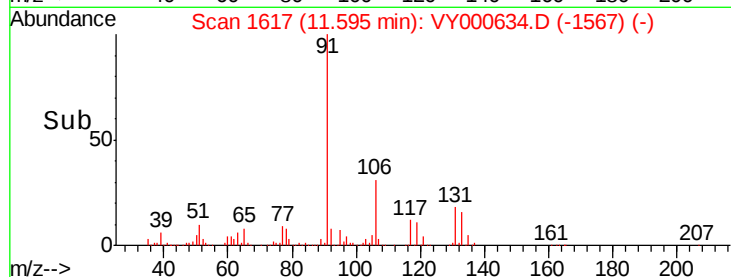
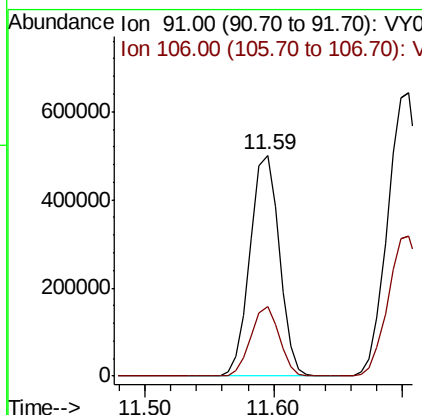
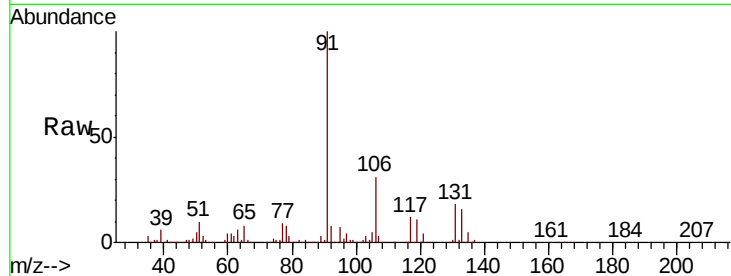




#67
Ethyl Benzene
Concen: 52.597 ug/l
RT: 11.59 min Scan# 1617
Delta R.T. 0.01 min
Lab File: VY000634.D
Acq: 08 Nov 2019 21:29

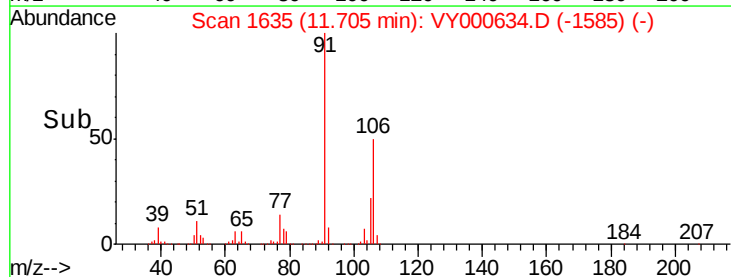
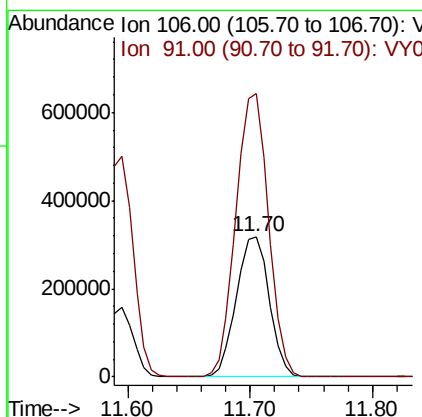
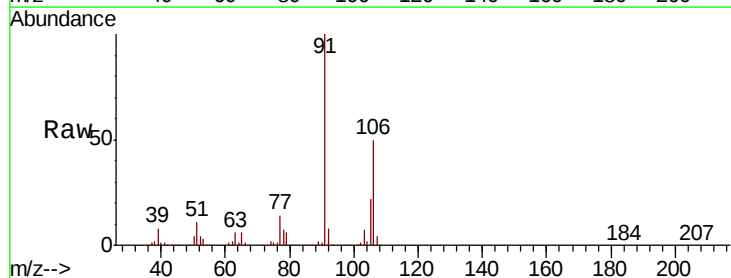
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

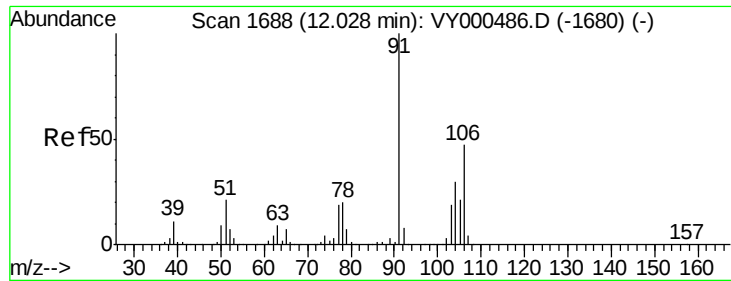
Tot Ion: 91 Resp: 784487
Ion Ratio Lower Upper
91 100
106 31.4 25.4 38.0



#68
m/p-Xylenes
Concen: 102.851 ug/l
RT: 11.70 min Scan# 1635
Delta R.T. 0.01 min
Lab File: VY000634.D
Acq: 08 Nov 2019 21:29

Tgt Ion: 106 Resp: 593729
Ion Ratio Lower Upper
106 100
91 199.9 155.9 233.9

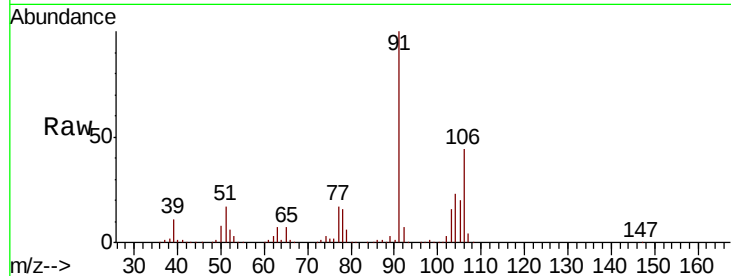




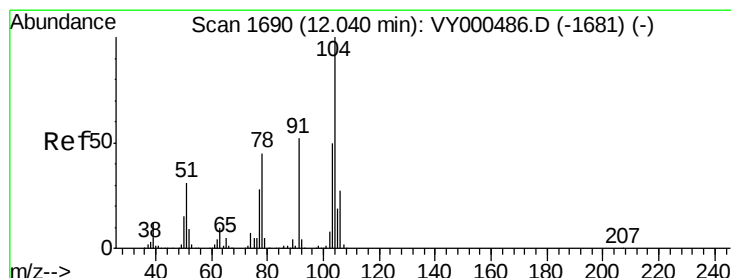
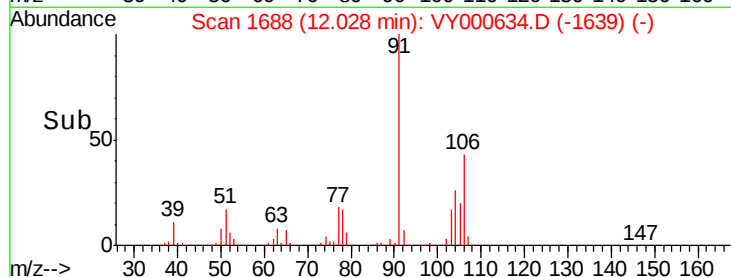
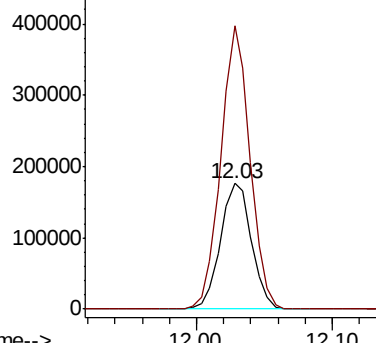
#69
o-Xylene
Concen: 51.754 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY000634.D
Acq: 08 Nov 2019 21:29

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 280786
Ion Ratio Lower Upper
106 100
91 211.7 106.5 319.6

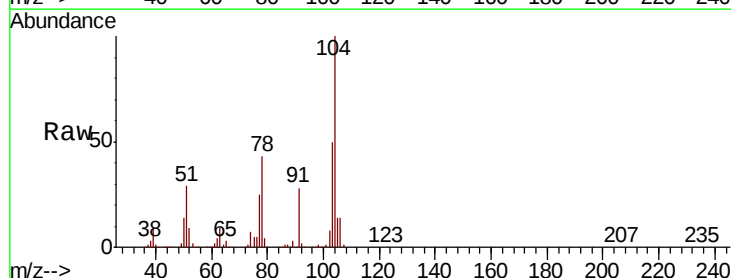


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VY0

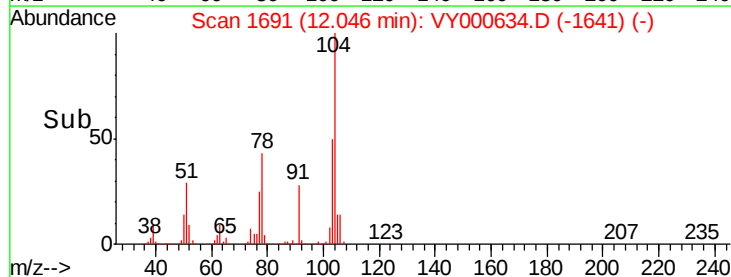
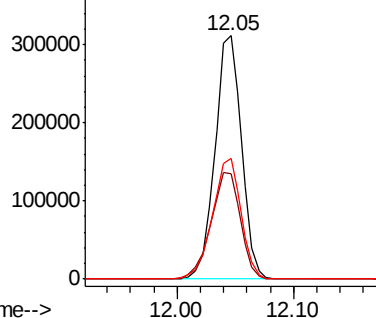


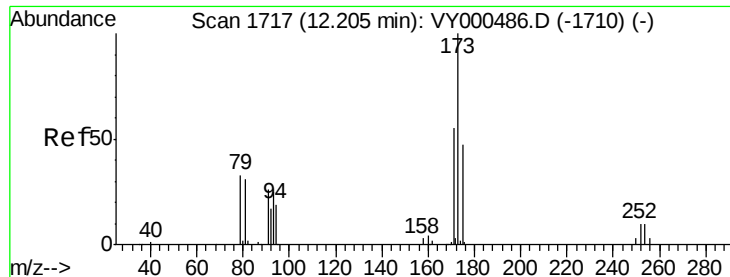
#70
Styrene
Concen: 53.165 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.01 min
Lab File: VY000634.D
Acq: 08 Nov 2019 21:29

Tgt Ion:104 Resp: 493910
Ion Ratio Lower Upper
104 100
78 48.6 39.0 58.4
103 53.3 42.5 63.7



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VY0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 54.492 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. 0.01 min

Lab File: VY000634.D

Acq: 08 Nov 2019 21:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

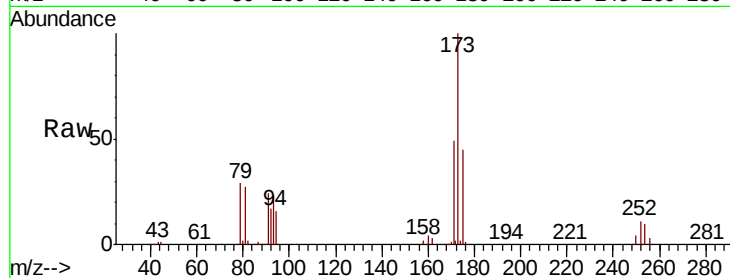
Tot Ion:173 Resp: 88091

Ion Ratio Lower Upper

173 100

175 48.1 24.4 73.2

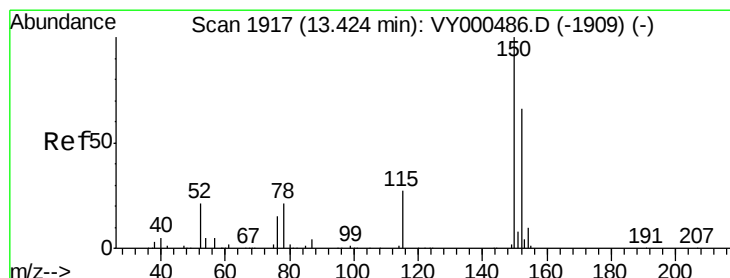
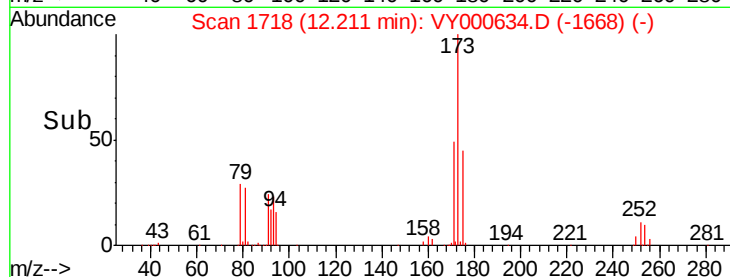
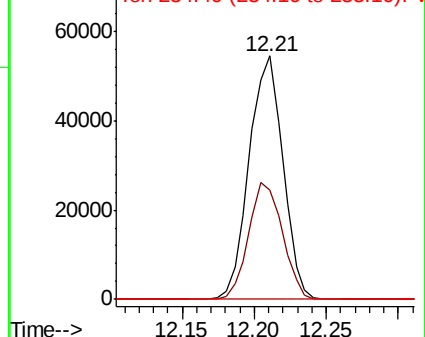
254 0.1 0.1 0.1#



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: VY000634.D

Acq: 08 Nov 2019 21:29

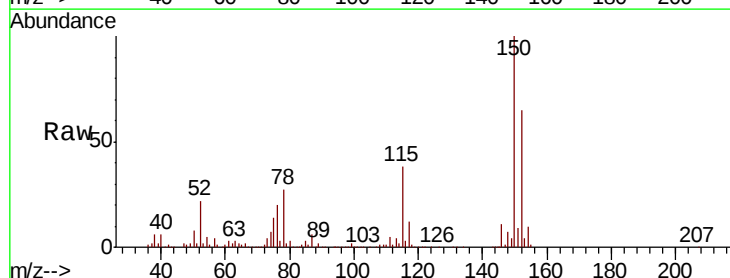
Tgt Ion:152 Resp: 195984

Ion Ratio Lower Upper

152 100

115 59.0 29.1 87.4

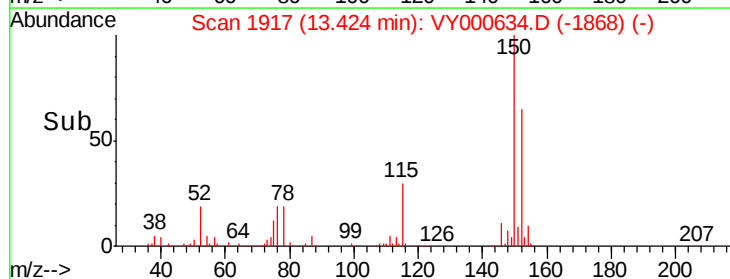
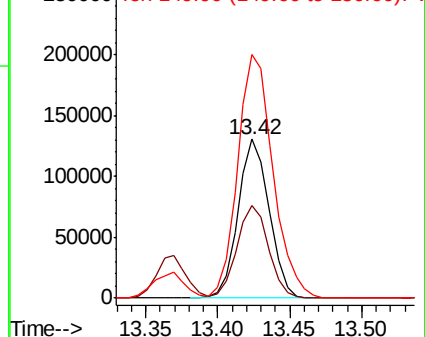
150 173.3 0.0 348.8

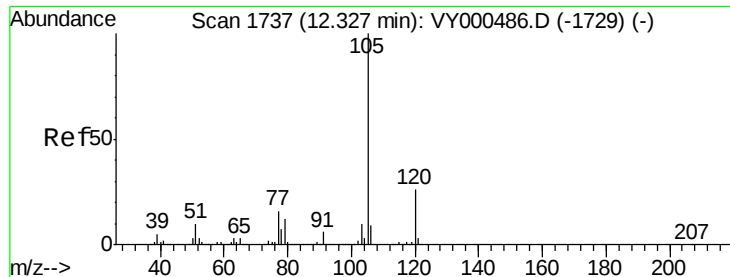


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 51.759 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VY000634.D

Acq: 08 Nov 2019 21:29

Instrument :

MSVOA_Y

ClientSampleId :

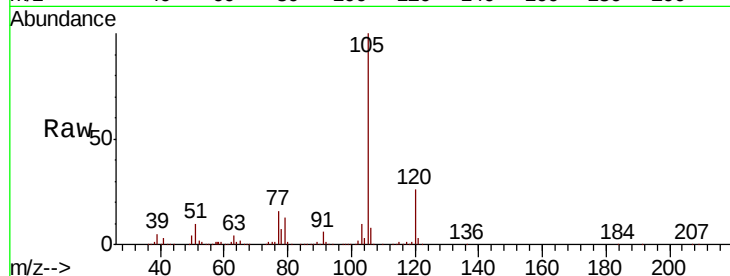
VSTDCCC050EC

Tot Ion:105 Resp: 749720

Ion Ratio Lower Upper

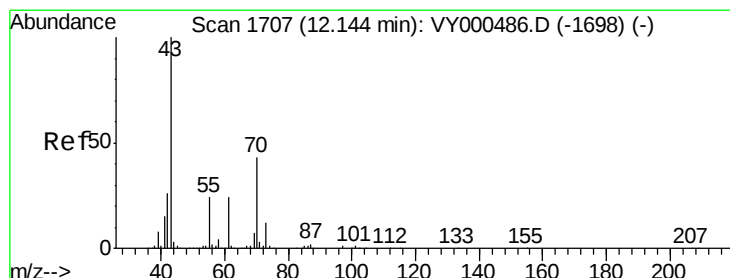
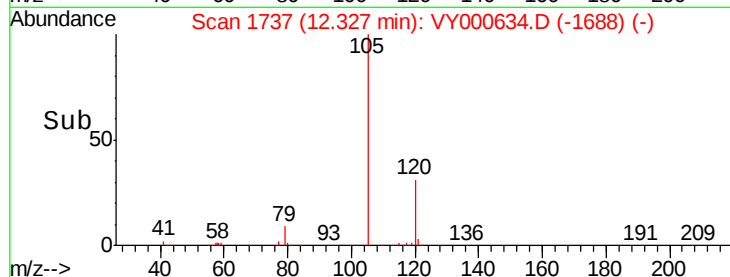
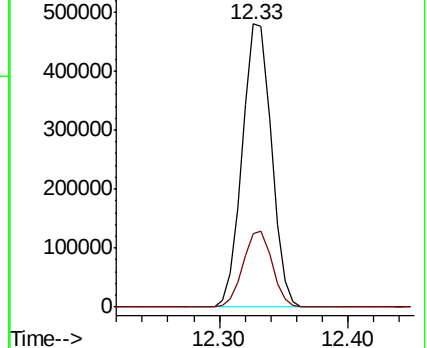
105 100

120 26.7 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: 57.304 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VY000634.D

Acq: 08 Nov 2019 21:29

Tgt Ion: 43 Resp: 237719

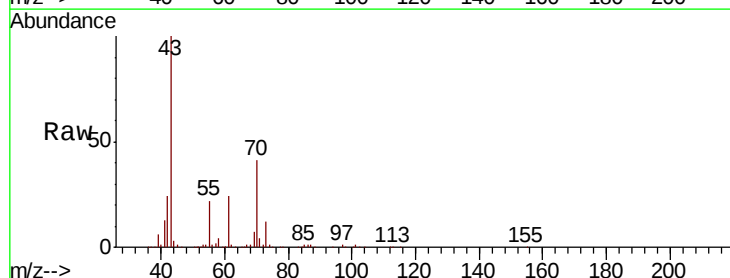
Ion Ratio Lower Upper

43 100

70 41.5 33.1 49.7

55 22.7 18.0 27.0

61 23.9 19.1 28.7

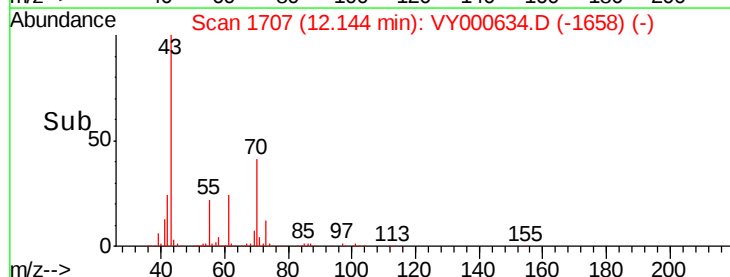
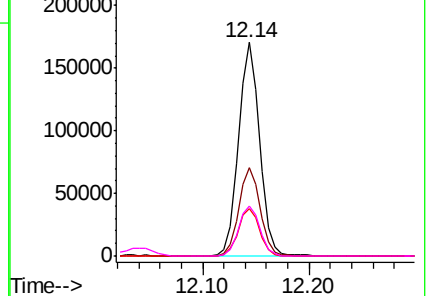


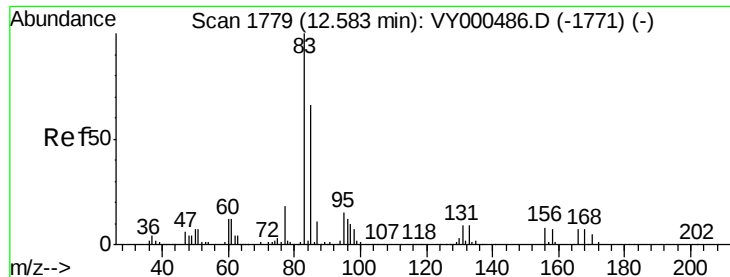
Abundance Ion 43.00 (42.70 to 43.70): VY0

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: 54.682 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY000634.D

Acq: 08 Nov 2019 21:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

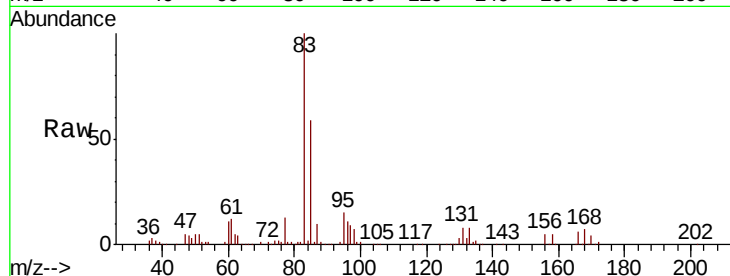
Tot Ion: 83 Resp: 156828

Ion Ratio Lower Upper

83 100

131 9.2 5.0 14.9

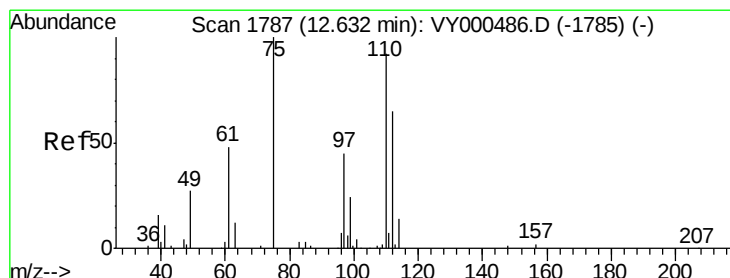
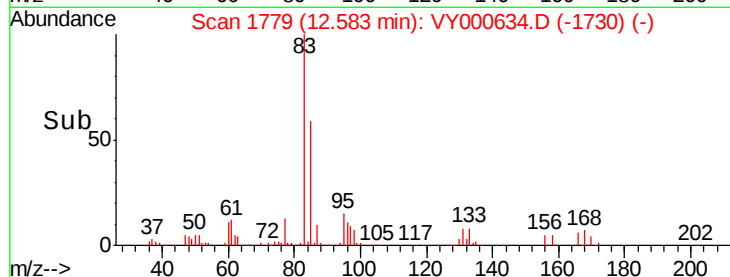
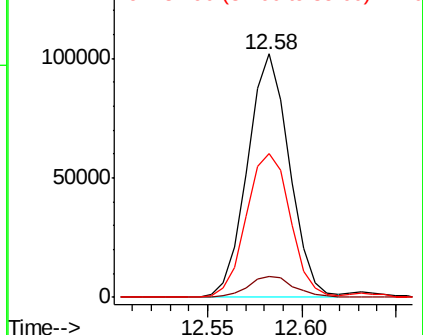
85 62.2 32.3 96.9



Abundance Ion 82.90 (82.60 to 83.60): VY000486.D (-1771) (-)

Ion 130.80 (130.50 to 131.50): VY000486.D (-1771) (-)

Ion 84.90 (84.60 to 85.60): VY000486.D (-1771) (-)



#76

1,2,3-Trichloropropane

Concen: 95.893 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. -0.00 min

Lab File: VY000634.D

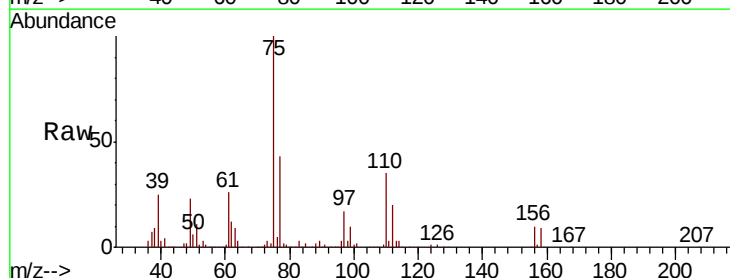
Acq: 08 Nov 2019 21:29

Tgt Ion: 75 Resp: 213989

Ion Ratio Lower Upper

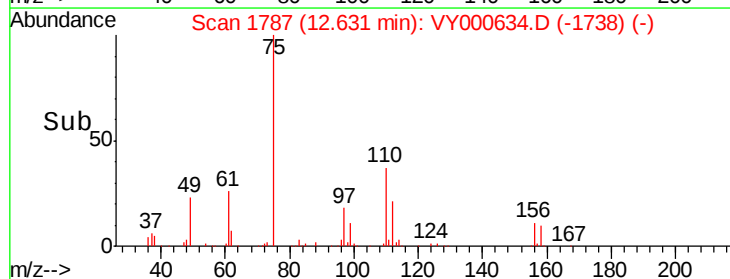
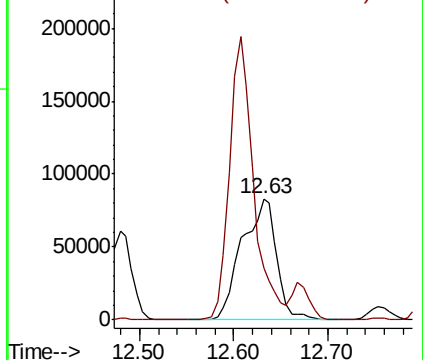
75 100

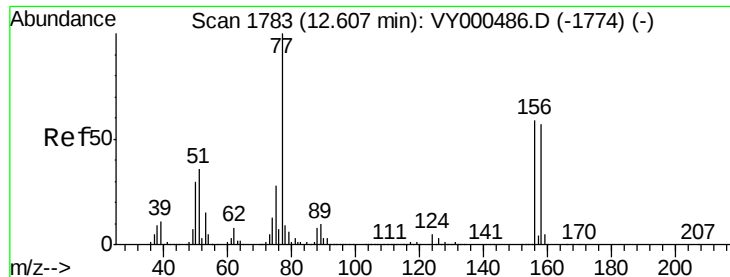
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY000486.D (-1785) (-)

Ion 77.00 (76.70 to 77.70): VY000486.D (-1785) (-)





#77

Bromobenzene

Concen: 50.907 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY000634.D

Acq: 08 Nov 2019 21:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

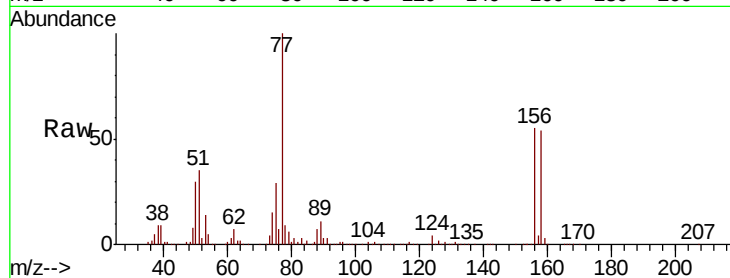
Tot Ion:156 Resp: 167215

Ion Ratio Lower Upper

156 100

77 206.9 98.2 294.4

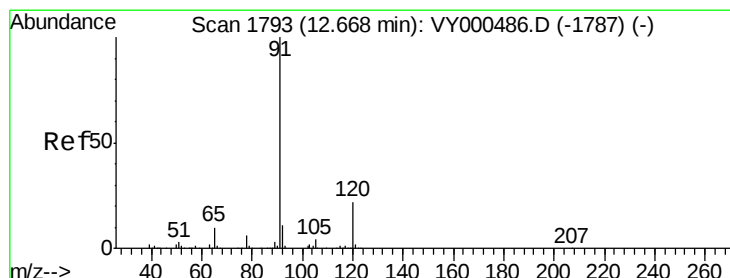
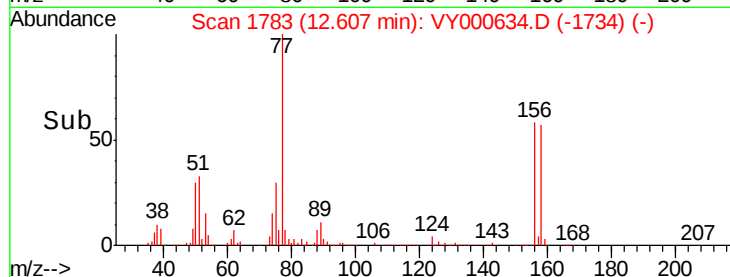
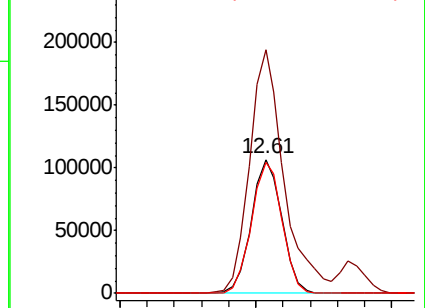
158 98.5 49.6 149.0



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 52.325 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VY000634.D

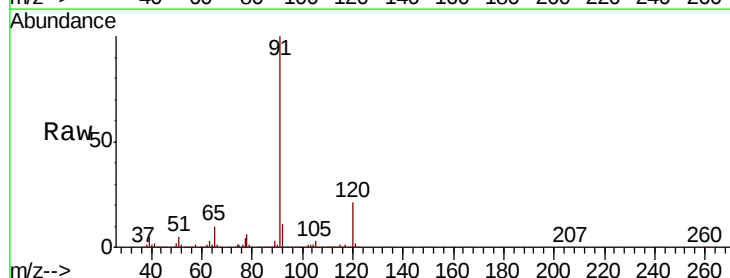
Acq: 08 Nov 2019 21:29

Tgt Ion: 91 Resp: 914490

Ion Ratio Lower Upper

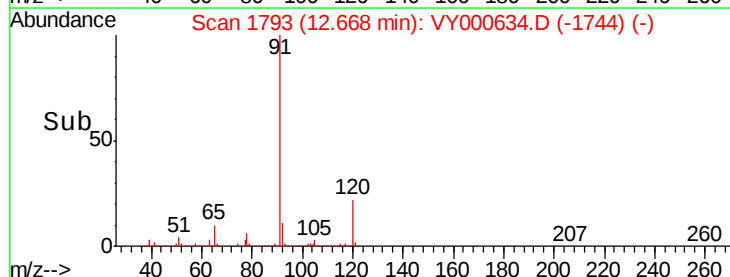
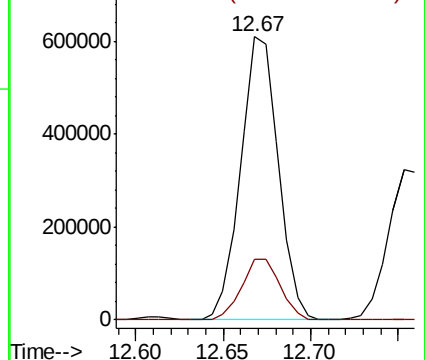
91 100

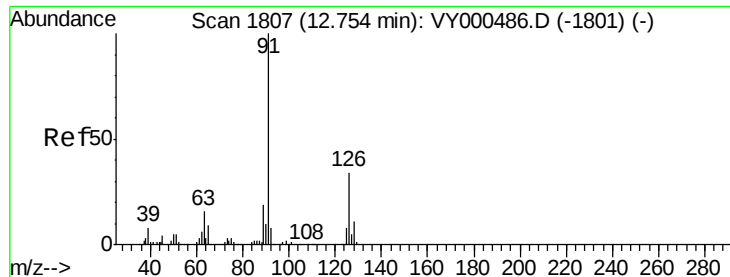
120 22.1 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

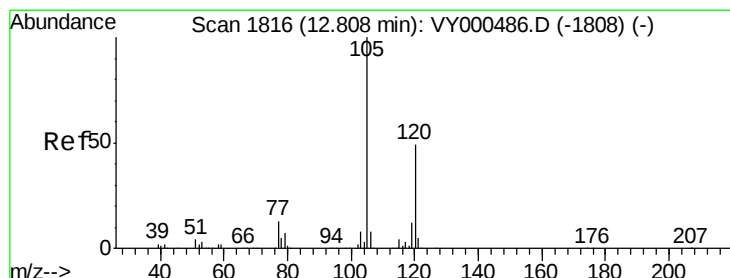
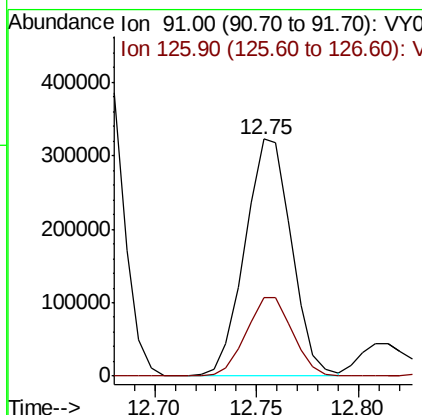
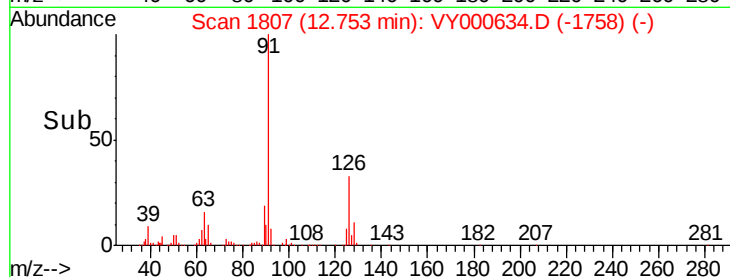
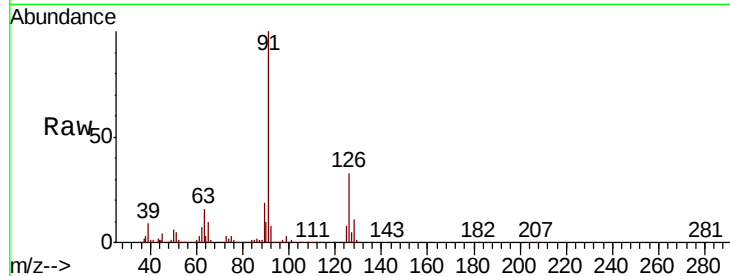




#79
 2-Chlorotoluene
 Concen: 52.916 ug/l
 RT: 12.75 min Scan# 1807
 Delta R.T. -0.00 min
 Lab File: VY000634.D
 Acq: 08 Nov 2019 21:29

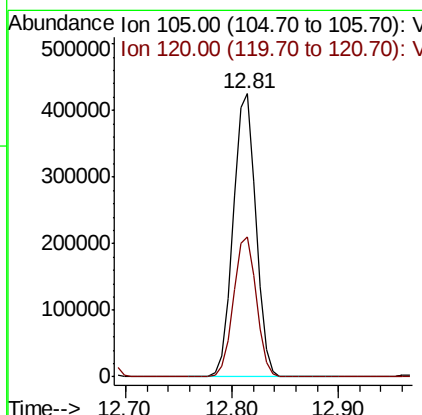
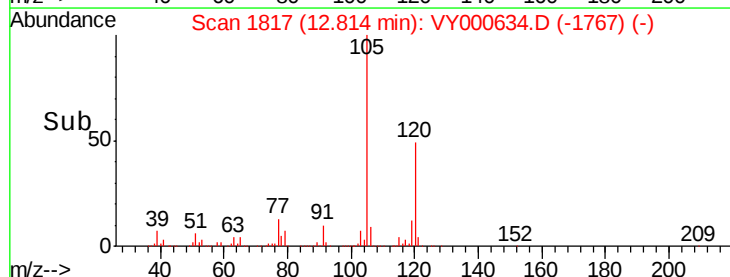
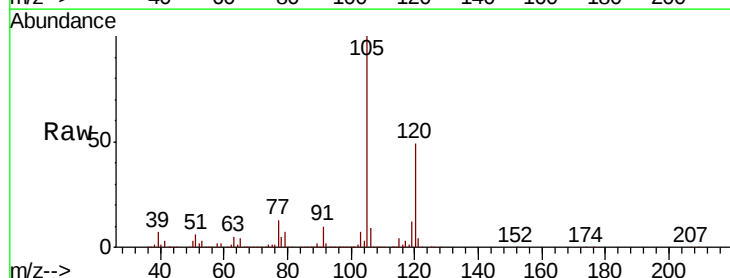
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

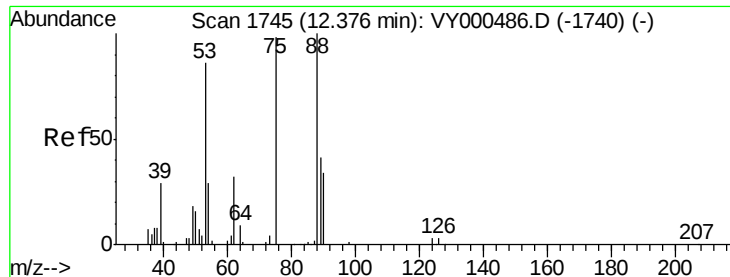
Tot Ion: 91 Resp: 513415
 Ion Ratio Lower Upper
 91 100
 126 33.2 17.7 53.1



#80
 1,3,5-Trimethylbenzene
 Concen: 52.803 ug/l
 RT: 12.81 min Scan# 1817
 Delta R.T. 0.01 min
 Lab File: VY000634.D
 Acq: 08 Nov 2019 21:29

Tgt Ion: 105 Resp: 636999
 Ion Ratio Lower Upper
 105 100
 120 49.8 24.9 74.8





#81

trans-1,4-Dichloro-2-butene

Concen: 54.603 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. 0.01 min

Lab File: VY000634.D

Acq: 08 Nov 2019 21:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

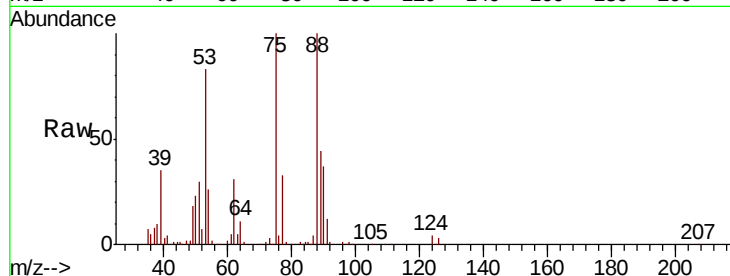
Tot Ion: 75 Resp: 54345

Ion Ratio Lower Upper

75 100

53 87.4 73.2 109.8

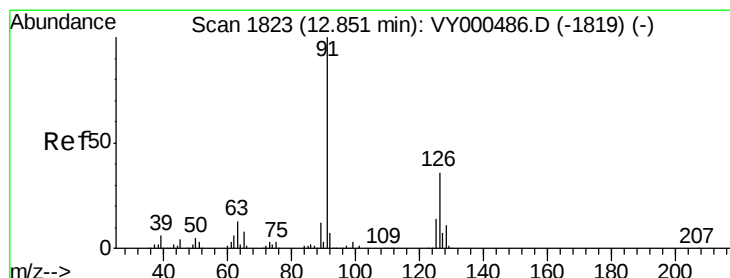
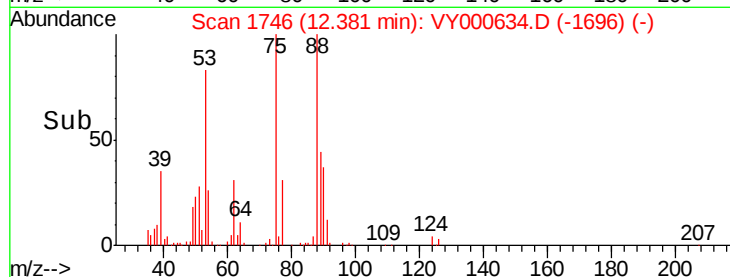
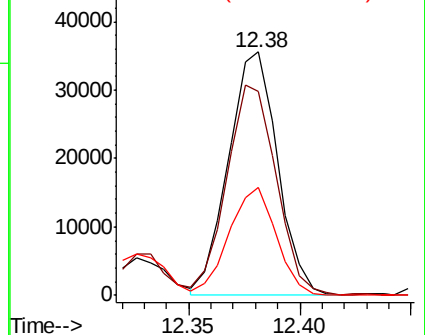
89 42.9 35.9 53.9



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0



#82

4-Chlorotoluene

Concen: 54.443 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. -0.00 min

Lab File: VY000634.D

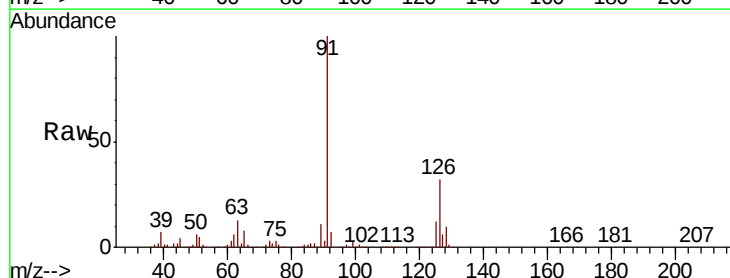
Acq: 08 Nov 2019 21:29

Tgt Ion: 91 Resp: 547553

Ion Ratio Lower Upper

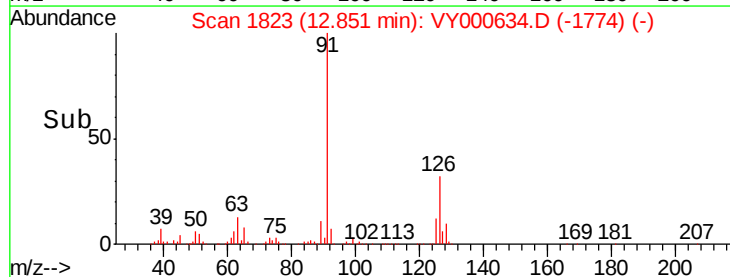
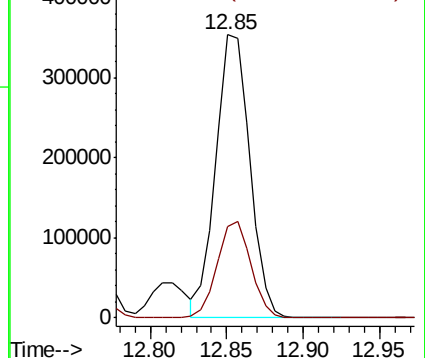
91 100

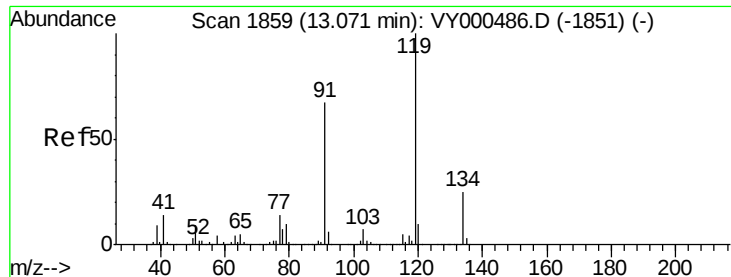
126 33.8 17.6 52.9



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V

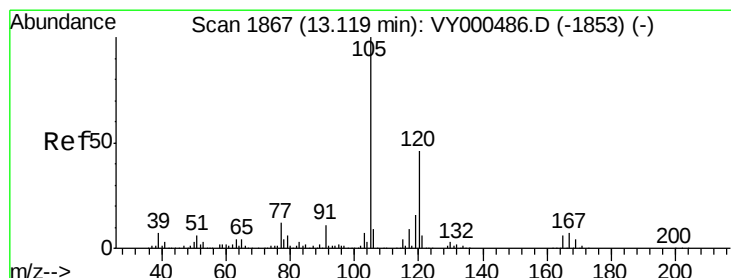
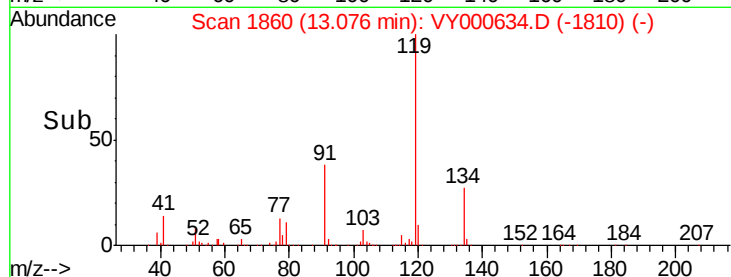
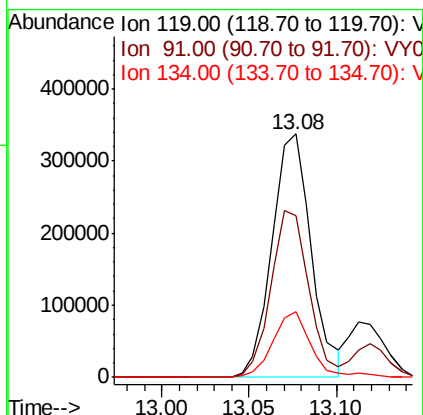
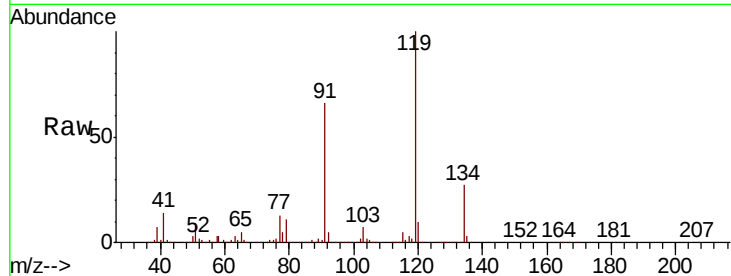




#83
tert-Butylbenzene
Concen: 51.287 ug/l
RT: 13.08 min Scan# 1860
Delta R.T. 0.01 min
Lab File: VY000634.D
Acq: 08 Nov 2019 21:29

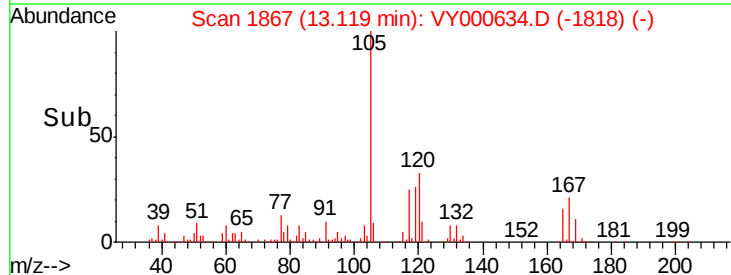
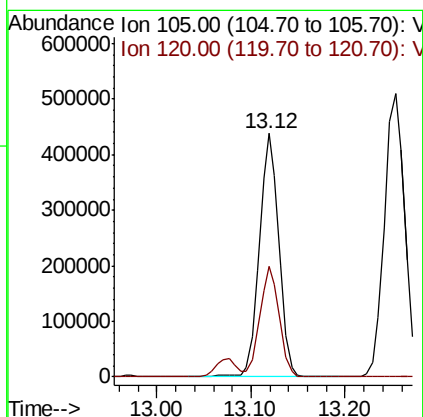
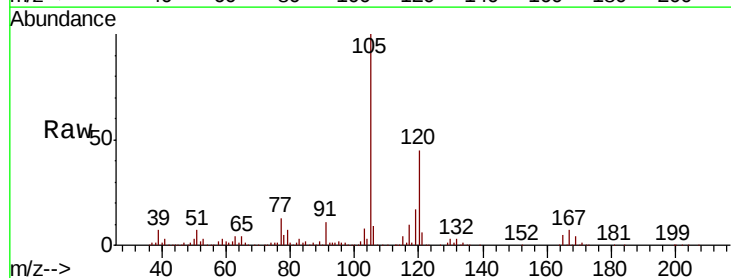
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

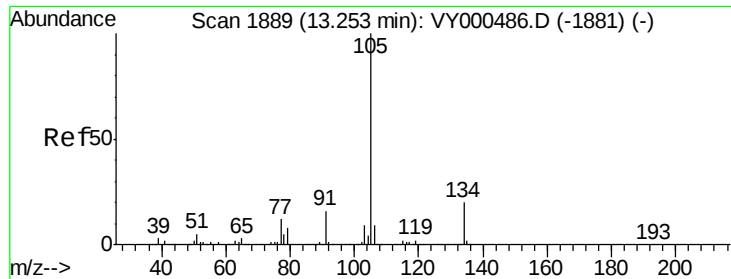
Tot Ion:119 Resp: 528274
Ion Ratio Lower Upper
119 100
91 66.4 32.1 96.3
134 26.4 13.2 39.5



#84
1,2,4-Trimethylbenzene
Concen: 53.372 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. -0.00 min
Lab File: VY000634.D
Acq: 08 Nov 2019 21:29

Tgt Ion:105 Resp: 641059
Ion Ratio Lower Upper
105 100
120 44.5 23.3 69.9

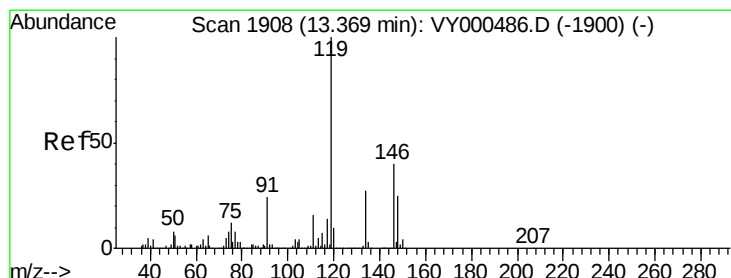
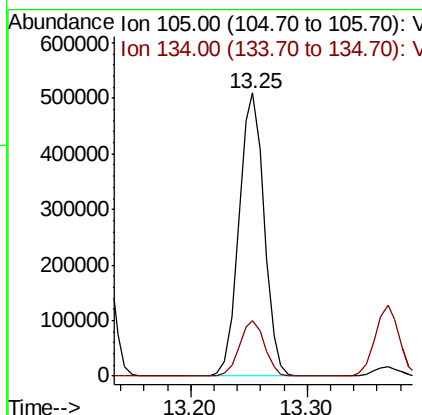
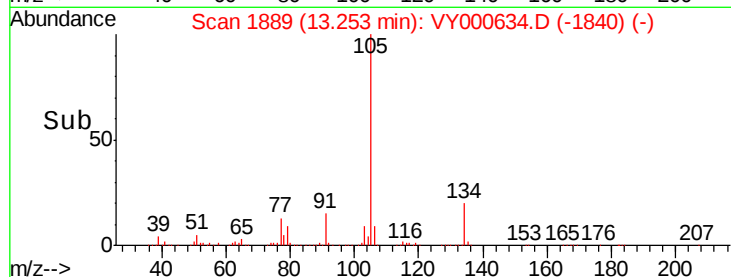
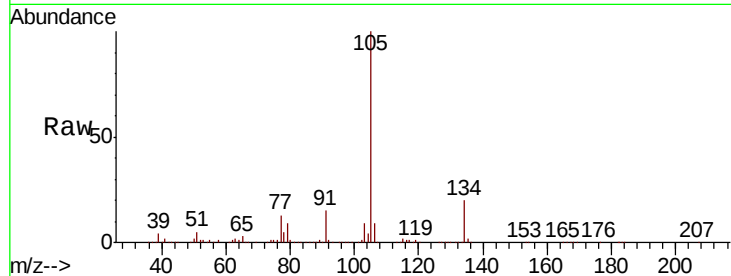




#85
 sec-Butylbenzene
 Concen: 52.125 ug/l
 RT: 13.25 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VY000634.D
 Acq: 08 Nov 2019 21:29

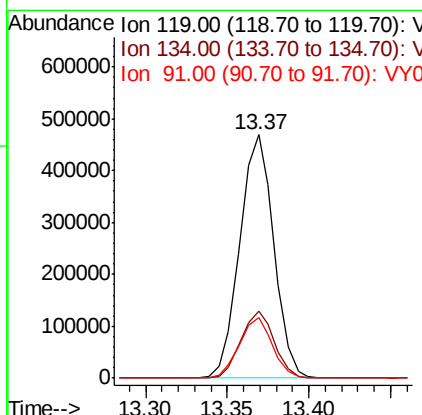
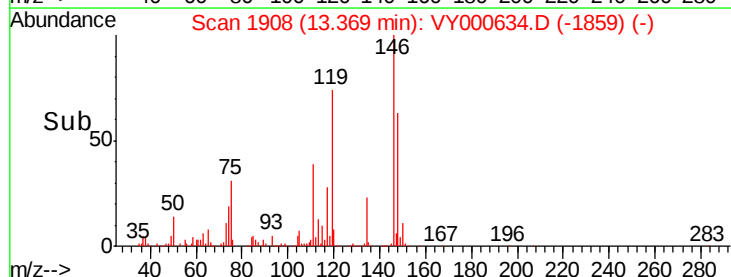
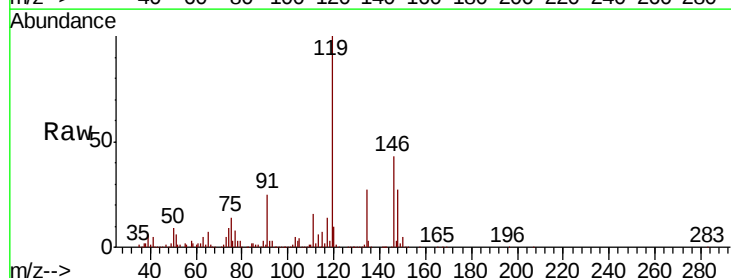
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

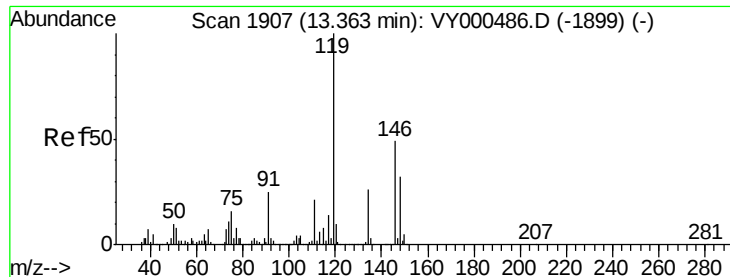
Tot Ion:105 Resp: 764942
 Ion Ratio Lower Upper
 105 100
 134 19.8 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 52.079 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. -0.00 min
 Lab File: VY000634.D
 Acq: 08 Nov 2019 21:29

Tgt Ion:119 Resp: 681154
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.6 40.8
 91 24.0 12.0 36.1

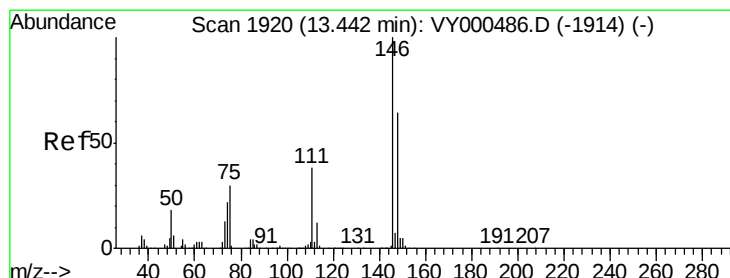
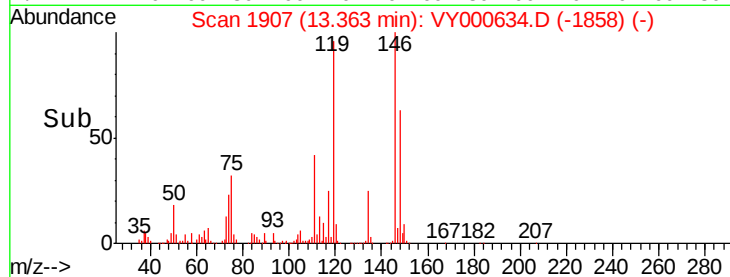
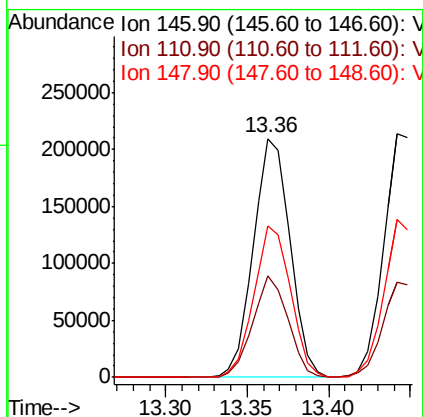
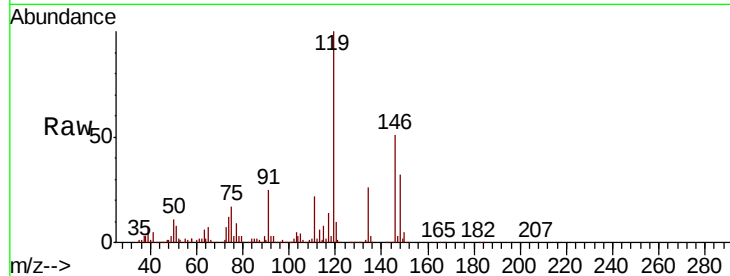




#87
 1,3-Dichlorobenzene
 Concen: 51.067 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VY000634.D
 Acq: 08 Nov 2019 21:29

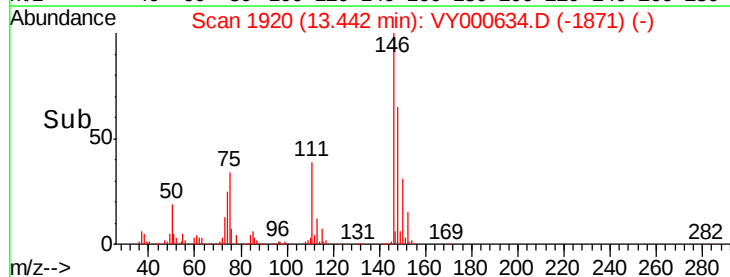
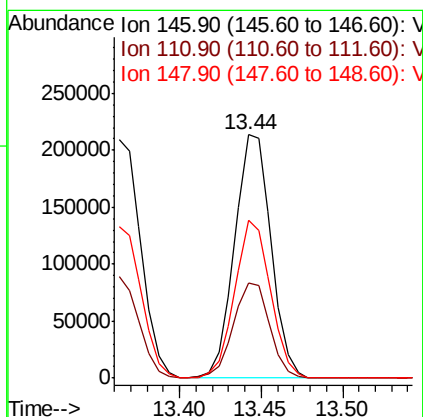
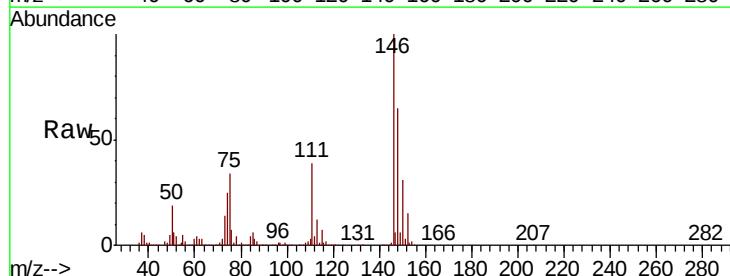
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

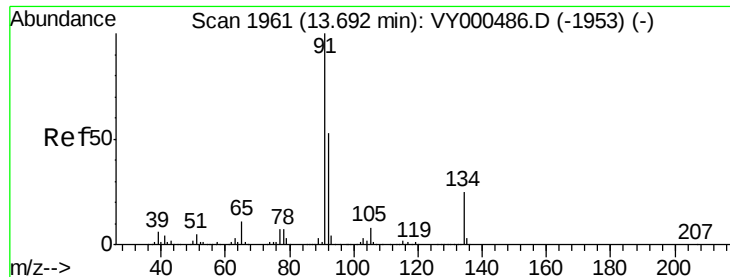
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.0	20.3	60.8
148	63.2	31.5	94.5



#88
 1,4-Dichlorobenzene
 Concen: 51.657 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. -0.00 min
 Lab File: VY000634.D
 Acq: 08 Nov 2019 21:29

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.3	19.7	59.0
148	63.6	31.9	95.7

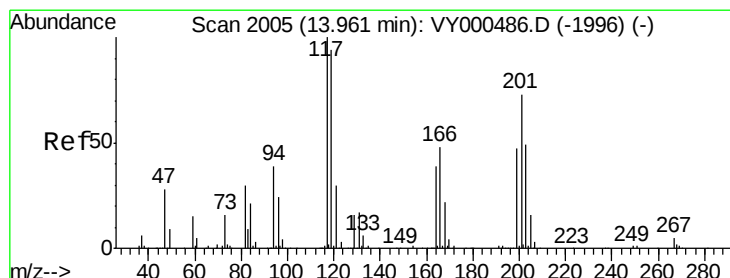
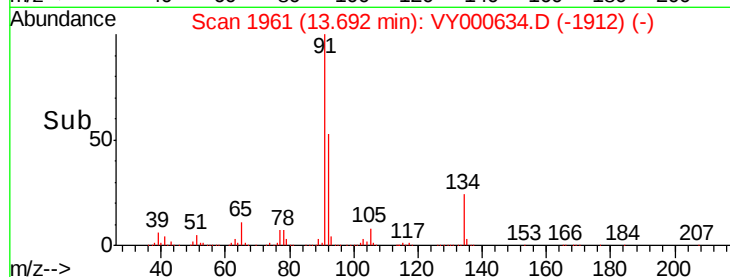
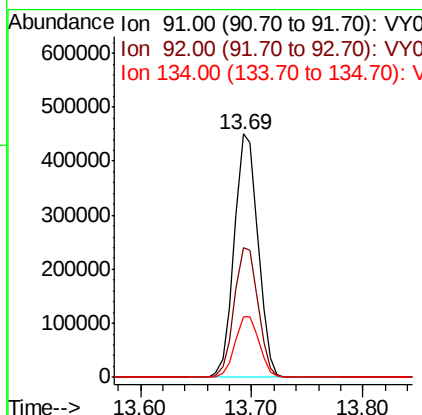
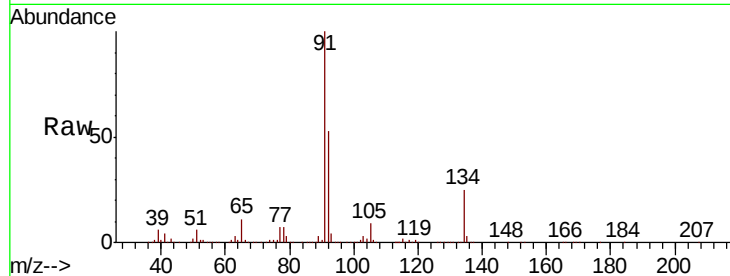




#89
n-Butylbenzene
Concen: 51.605 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. -0.00 min
Lab File: VY000634.D
Acq: 08 Nov 2019 21:29

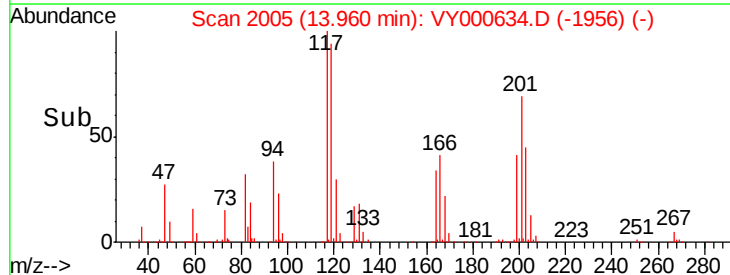
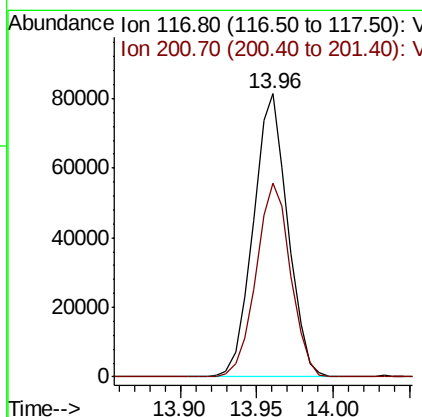
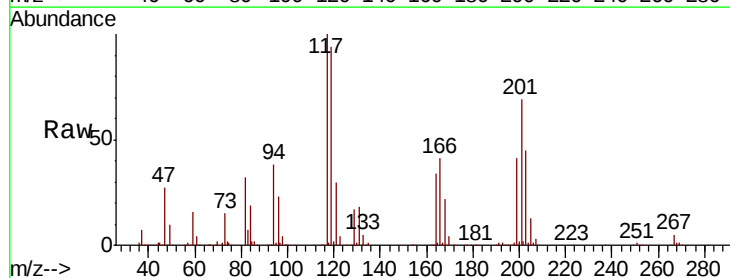
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

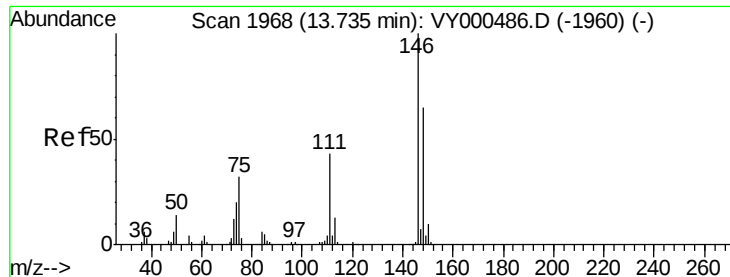
Tot Ion: 91 Resp: 665700
Ion Ratio Lower Upper
91 100
92 53.6 26.8 80.3
134 25.4 12.9 38.7



#90
Hexachloroethane
Concen: 52.581 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.00 min
Lab File: VY000634.D
Acq: 08 Nov 2019 21:29

Tgt Ion: 117 Resp: 127137
Ion Ratio Lower Upper
117 100
201 68.6 35.8 107.3

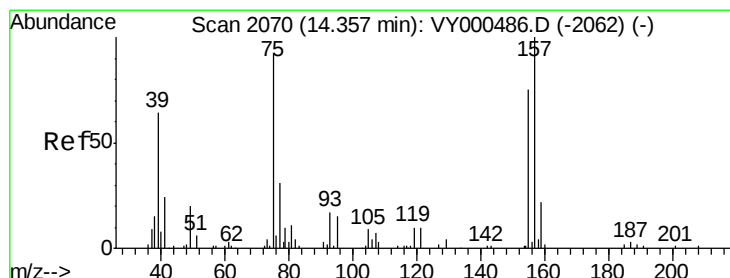
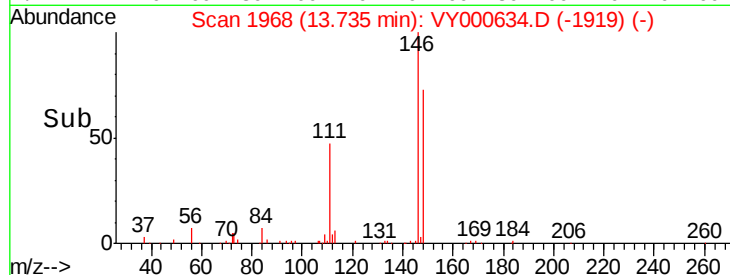
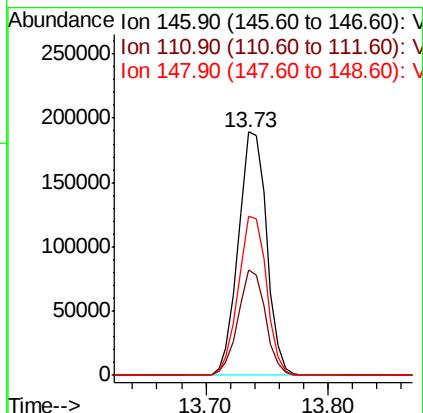
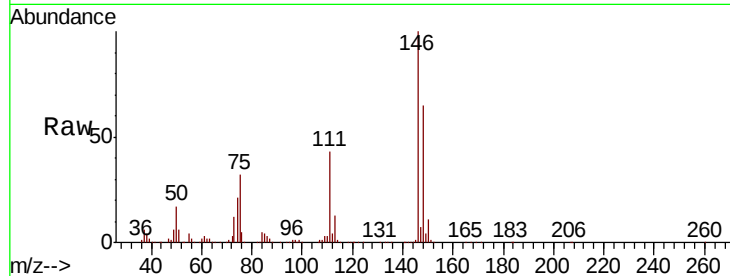




#91
 1,2-Dichlorobenzene
 Concen: 51.955 ug/l
 RT: 13.73 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: VY000634.D
 Acq: 08 Nov 2019 21:29

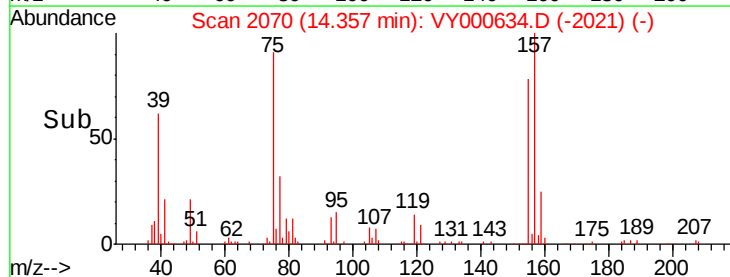
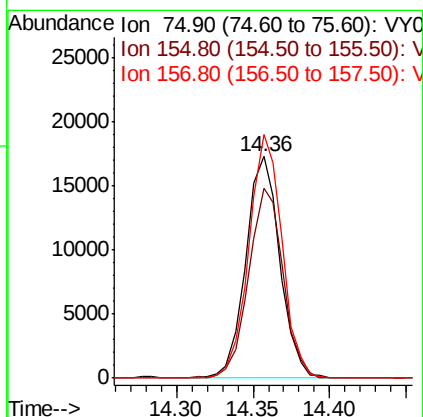
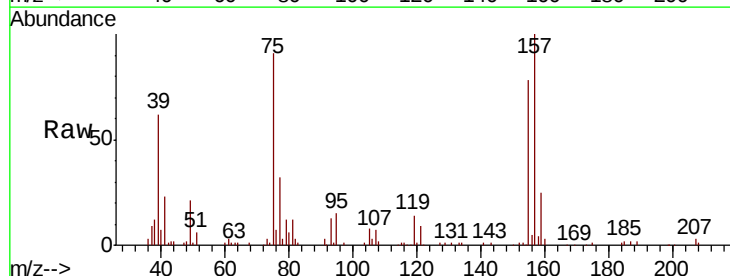
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

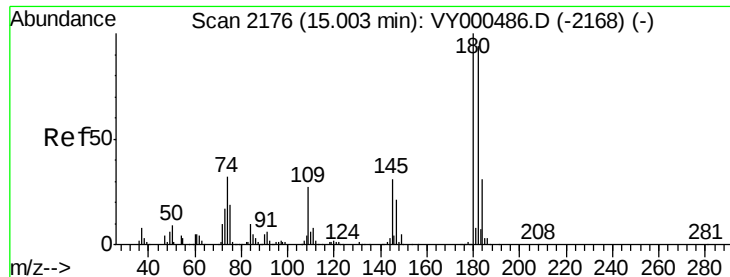
Tot Ion:146 Resp: 303283
 Ion Ratio Lower Upper
 146 100
 111 41.8 20.5 61.5
 148 65.0 31.7 95.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.637 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. -0.00 min
 Lab File: VY000634.D
 Acq: 08 Nov 2019 21:29

Tgt Ion: 75 Resp: 26717
 Ion Ratio Lower Upper
 75 100
 155 86.4 42.4 127.1
 157 106.8 55.1 165.3

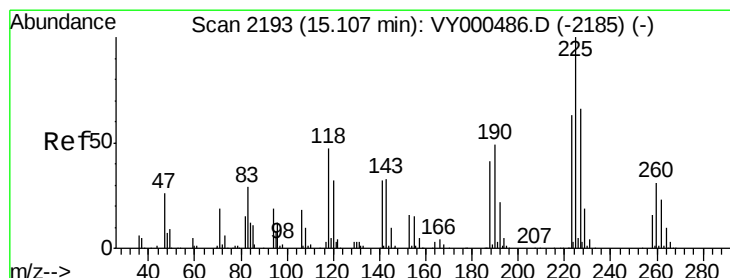
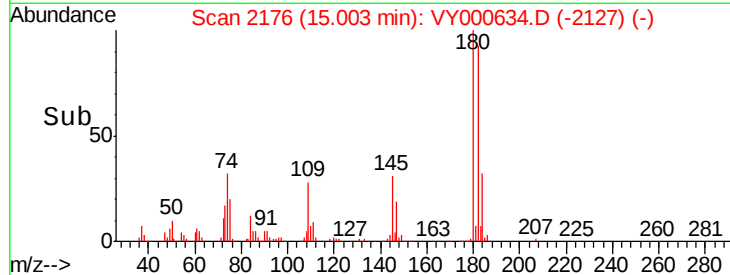
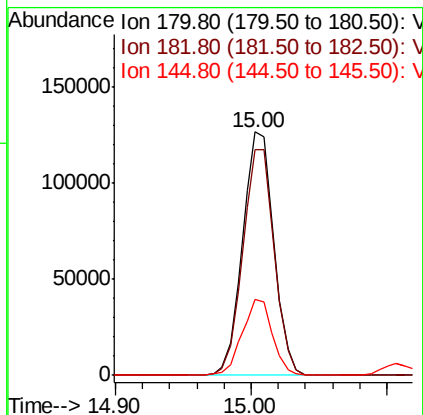
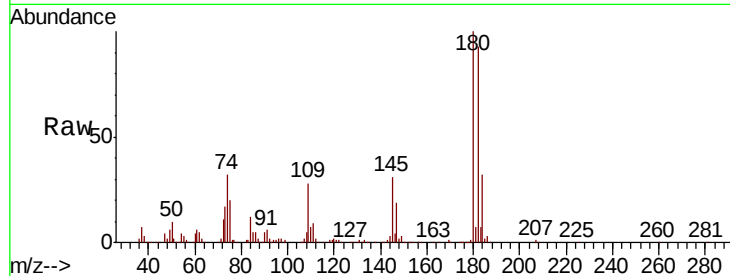




#93
 1,2,4-Trichlorobenzene
 Concen: 51.073 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VY000634.D
 Acq: 08 Nov 2019 21:29

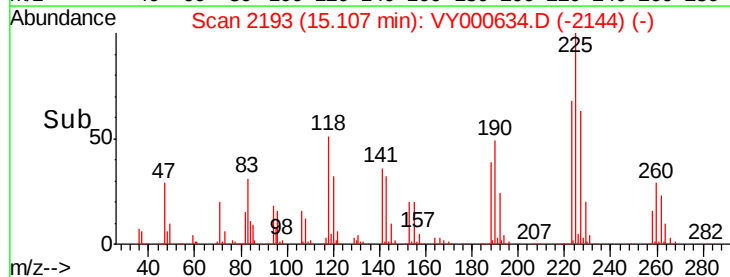
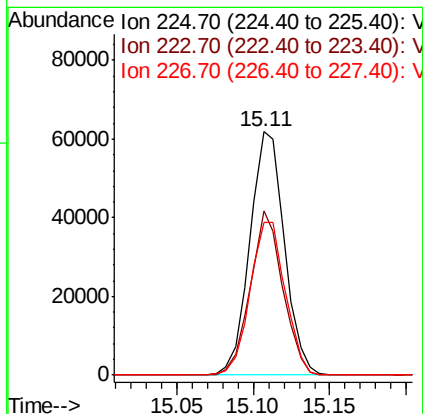
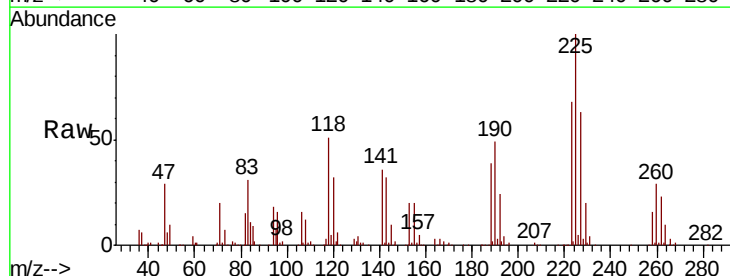
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

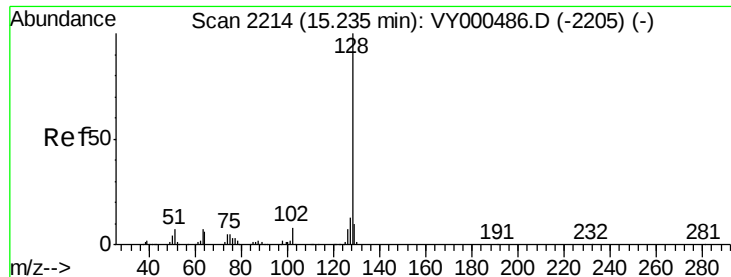
Tot Ion	Ratio	Lower	Upper
180	100		
182	93.5	47.8	143.4
145	30.2	16.0	47.9



#94
 Hexachlorobutadiene
 Concen: 47.479 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. -0.00 min
 Lab File: VY000634.D
 Acq: 08 Nov 2019 21:29

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.5	31.3	93.8
227	64.1	32.4	97.0





#95

Naphthalene

Concen: 53.160 ug/l

RT: 15.23 min Scan# 2214

Delta R.T. -0.00 min

Lab File: VY000634.D

Acq: 08 Nov 2019 21:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

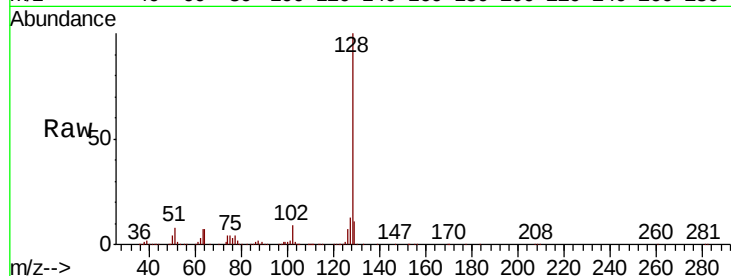
Tot Ion:128 Resp: 469056

Ion Ratio Lower Upper

128 100

127 12.7 9.8 14.6

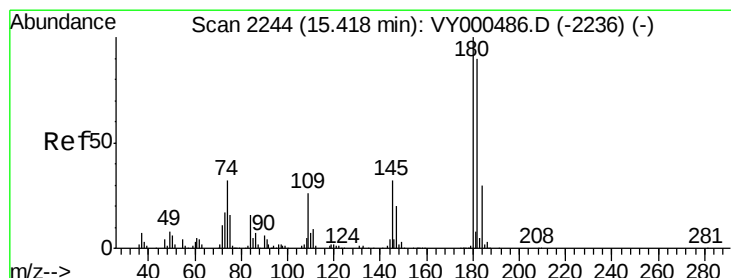
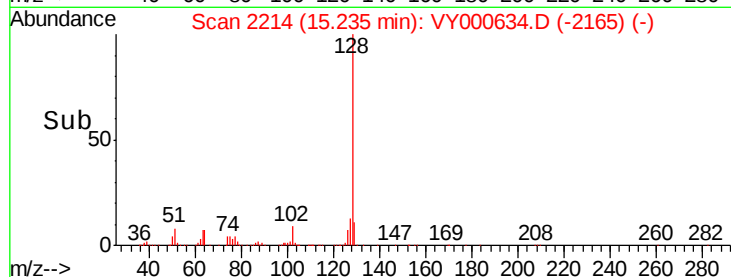
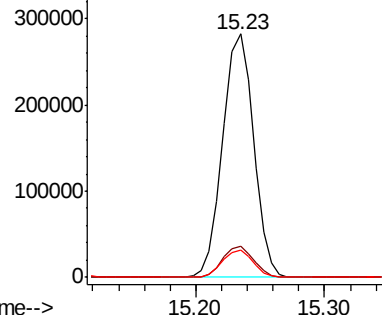
129 11.1 8.7 13.1



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: 50.665 ug/l

RT: 15.42 min Scan# 2245

Delta R.T. 0.01 min

Lab File: VY000634.D

Acq: 08 Nov 2019 21:29

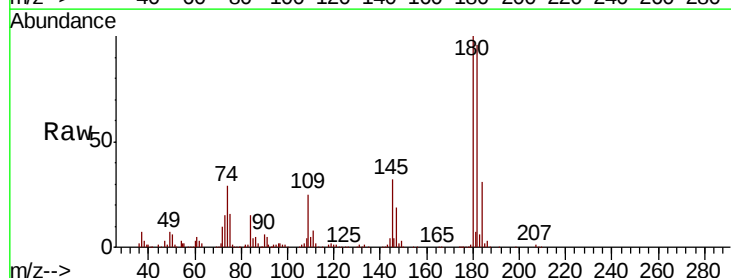
Tgt Ion:180 Resp: 180666

Ion Ratio Lower Upper

180 100

182 95.5 47.4 142.3

145 31.8 15.7 47.0



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

