

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY100319\
 Data File : 20CC.D
 Acq On : 03 Oct 2019 14:05
 Operator : SY/MD
 Sample : VSTDCCC020
 Misc : 5.0ml/MSVOA_Y/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 04 05:34:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y100319W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 04 05:30:54 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	393304	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	602249	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	536453	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	272766	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	83994	20.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	40.86%	
35) Dibromofluoromethane	7.73	113	76826	20.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	41.12%	
50) Toluene-d8	10.19	98	275605	19.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	38.70%	
62) 4-Bromofluorobenzene	12.48	95	98702	19.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	39.70%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.90	85	37211	14.210	ug/l	97
3) Chloromethane	2.11	50	28209	10.395	ug/l	90
4) Vinyl Chloride	2.25	62	34964	11.882	ug/l	95
5) Bromomethane	2.64	94	28977	15.078	ug/l	97
6) Chloroethane	2.79	64	25274	12.328	ug/l #	88
7) Trichlorofluoromethane	3.12	101	69822	14.869	ug/l	98
8) Diethyl Ether	3.53	74	32992	15.875	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.90	101	48296	16.268	ug/l	99
10) Methyl Iodide	4.09	142	47065	11.668	ug/l	98
11) Tert butyl alcohol	4.97	59	209782	106.471	ug/l	98
12) 1,1-Dichloroethene	3.88	96	35785	12.821	ug/l	89
13) Acrolein	3.73	56	79320	93.442	ug/l	96
14) Allyl chloride	4.48	41	53934	13.870	ug/l	99
15) Acrylonitrile	5.18	53	298029	94.170	ug/l	100
16) Acetone	3.96	43	252313	96.071	ug/l	96
17) Carbon Disulfide	4.19	76	34545	6.144	ug/l #	93
18) Methyl Acetate	4.48	43	141589	19.300	ug/l	99
19) Methyl tert-butyl Ether	5.23	73	212387	18.854	ug/l	97
20) Methylene Chloride	4.72	84	53067	15.435	ug/l	96
21) trans-1,2-Dichloroethene	5.22	96	37879	12.583	ug/l	95
22) Diisopropyl ether	6.13	45	180039	17.456	ug/l	90
23) Vinyl Acetate	6.07	43	722871	81.509	ug/l	99
24) 1,1-Dichloroethane	6.03	63	93614	16.964	ug/l	97
25) 2-Butanone	7.00	43	452367	96.882	ug/l	98
26) 2,2-Dichloropropane	6.99	77	91979	17.134	ug/l	97
27) cis-1,2-Dichloroethene	6.99	96	64313	16.246	ug/l	99
28) Bromochloromethane	7.34	49	45915	21.146	ug/l	94
29) Tetrahydrofuran	7.36	42	276065	88.614	ug/l	97
30) Chloroform	7.52	83	111174	17.586	ug/l	99
31) Cyclohexane	7.79	56	49994	12.358	ug/l #	76
32) 1,1,1-Trichloroethane	7.71	97	90068	16.699	ug/l	100
36) 1,1-Dichloropropene	7.92	75	53987	13.688	ug/l	98
37) Ethyl Acetate	7.08	43	126044	17.095	ug/l	98
38) Carbon Tetrachloride	7.91	117	76517	15.824	ug/l #	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	51711	11.109	ug/l	95
40) Benzene	8.17	78	198678	15.189	ug/l	99
41) Methacrylonitrile	7.35	41	216104	61.824	ug/l #	18
42) 1,2-Dichloroethane	8.25	62	76157	16.745	ug/l	100
43) Isopropyl Acetate	8.28	43	181823	18.288	ug/l	99
44) Trichloroethene	8.94	130	65666	16.086	ug/l	99
45) 1,2-Dichloropropane	9.22	63	58729	17.506	ug/l	99
46) Dibromomethane	9.31	93	40554	16.242	ug/l	95
47) Bromodichloromethane	9.50	83	94461	18.519	ug/l	97
48) Methyl methacrylate	9.30	41	77600	17.518	ug/l	98
49) 1,4-Dioxane	9.30	88	53267	385.732	ug/l	99
51) 4-Methyl-2-Pentanone	10.08	43	744510	94.975	ug/l	98
52) Toluene	10.25	92	133442	15.425	ug/l	97
53) t-1,3-Dichloropropene	10.47	75	97841	17.468	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	98235	16.819	ug/l	94
55) 1,1,2-Trichloroethane	10.65	97	74667	18.770	ug/l	95
56) Ethyl methacrylate	10.52	69	112628	18.242	ug/l	98
57) 1,3-Dichloropropane	10.80	76	108951	17.596	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.79	63	340952	108.227	ug/l	99
59) 2-Hexanone	10.84	43	638950	96.755	ug/l	98
60) Dibromochloromethane	10.99	129	86696	18.945	ug/l	100
61) 1,2-Dibromoethane	11.10	107	70638	17.513	ug/l	99
64) Tetrachloroethene	10.72	164	67364	16.122	ug/l	98
65) Chlorobenzene	11.52	112	170972	16.805	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.59	131	79256	18.891	ug/l	97
67) Ethyl Benzene	11.59	91	272452	16.050	ug/l	99
68) m/p-Xylenes	11.70	106	219705	32.620	ug/l	97
69) o-Xylene	12.03	106	112360	16.645	ug/l	100
70) Styrene	12.05	104	198686	17.091	ug/l	99
71) Bromoform	12.20	173	73026	18.895	ug/l #	99
73) Isopropylbenzene	12.33	105	304688	16.908	ug/l	100
74) N-amyl acetate	12.14	43	143975	18.157	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	124564	19.478	ug/l	100
76) 1,2,3-Trichloropropane	12.64	75	173699	36.319	ug/l #	100
77) Bromobenzene	12.61	156	85513	17.243	ug/l	97
78) n-propylbenzene	12.67	91	342430	16.993	ug/l	99
79) 2-Chlorotoluene	12.75	91	207835	17.505	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	261829	17.326	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	50034	18.731	ug/l	99
82) 4-Chlorotoluene	12.86	91	215849	17.075	ug/l	99
83) tert-Butylbenzene	13.08	119	246942	17.929	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	270199	18.016	ug/l	100
85) sec-Butylbenzene	13.25	105	331251	17.969	ug/l	99
86) p-Isopropyltoluene	13.37	119	303477	17.947	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	161151	17.994	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	165670	17.769	ug/l	99
89) n-Butylbenzene	13.70	91	256576	17.276	ug/l	98
90) Hexachloroethane	13.96	117	60188	17.960	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	168658	18.535	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	40836	19.029	ug/l	98

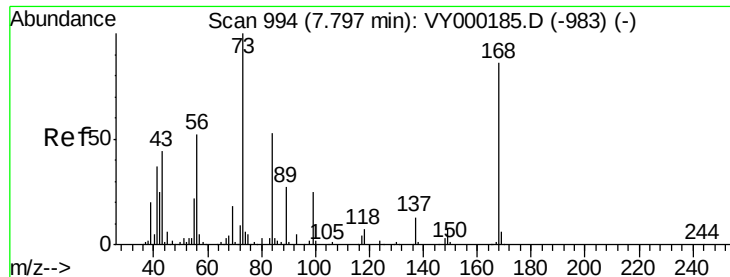
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	121490	18.241	ug/l	98
94) Hexachlorobutadiene	15.11	225	56848	18.369	ug/l	98
95) Naphthalene	15.23	128	442939	18.836	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	123150	18.692	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.01 min

Lab File: 20CC.D

Acq: 03 Oct 2019 14:05

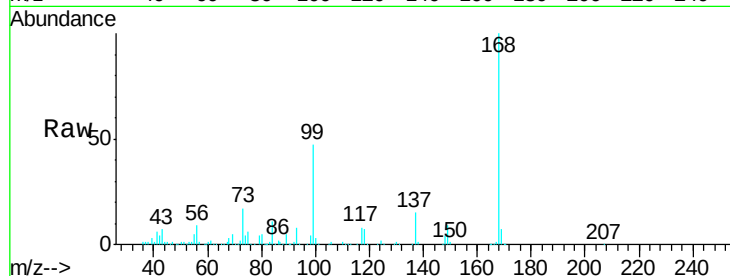
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 393304

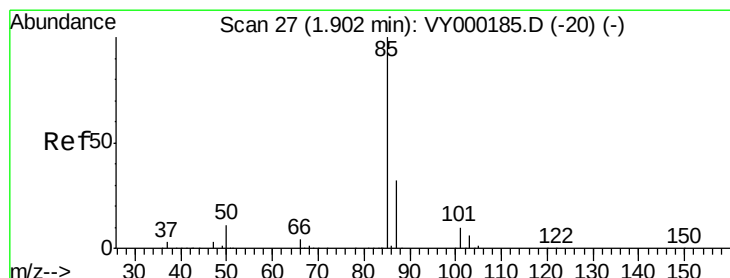
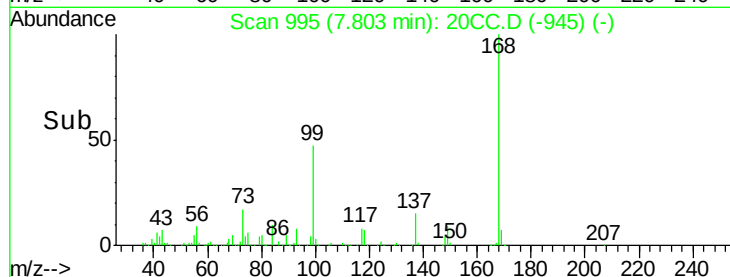
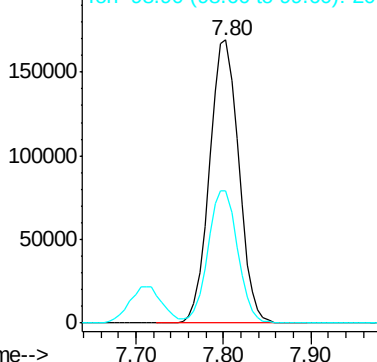
Ion Ratio Lower Upper

168 100

99 46.9 39.0 58.6



Abundance Ion 167.90 (167.60 to 168.60): 200000
Ion 98.90 (98.60 to 99.60): 20000



#2

Dichlorodifluoromethane

Concen: 14.210 ug/l

RT: 1.90 min Scan# 27

Delta R.T. -0.00 min

Lab File: 20CC.D

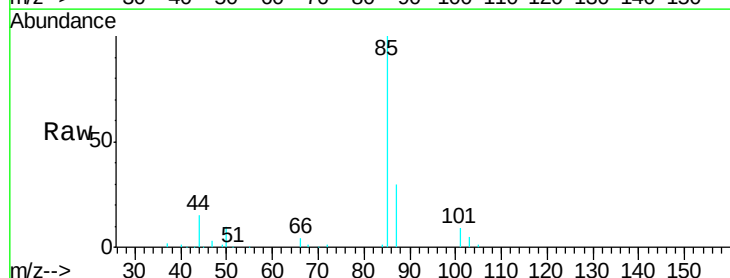
Acq: 03 Oct 2019 14:05

Tgt Ion: 85 Resp: 37211

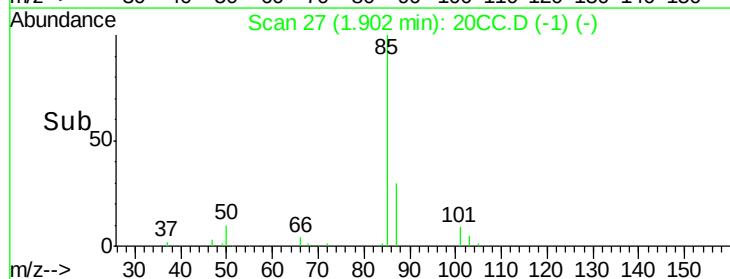
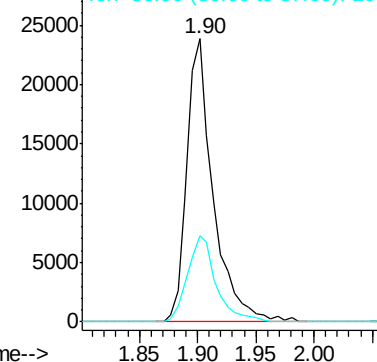
Ion Ratio Lower Upper

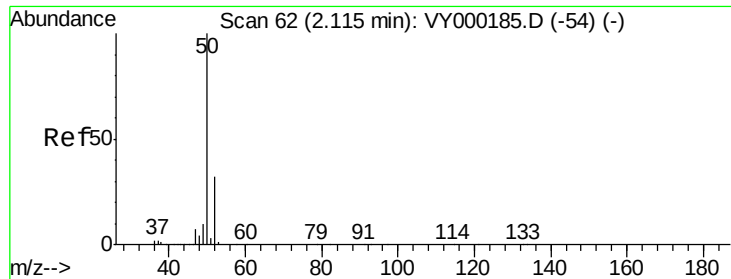
85 100

87 30.4 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): 20000
Ion 86.90 (86.60 to 87.60): 2000





#3

Chloromethane

Concen: 10.395 ug/l

RT: 2.11 min Scan# 62

Delta R.T. -0.00 min

Lab File: 20CC.D

Acq: 03 Oct 2019 14:05

Instrument :

MSVOA_Y

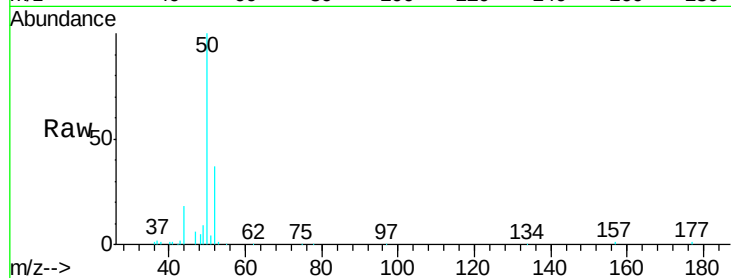
ClientSampleId :

Tgt Ion: 50 Resp: 28209

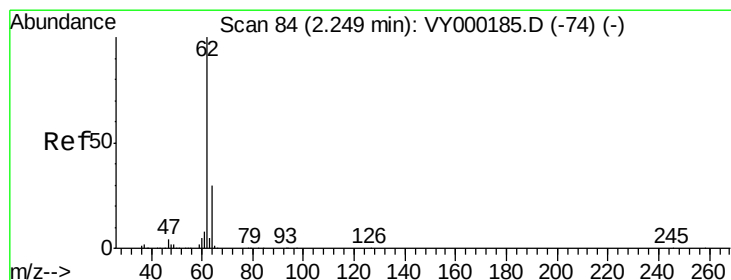
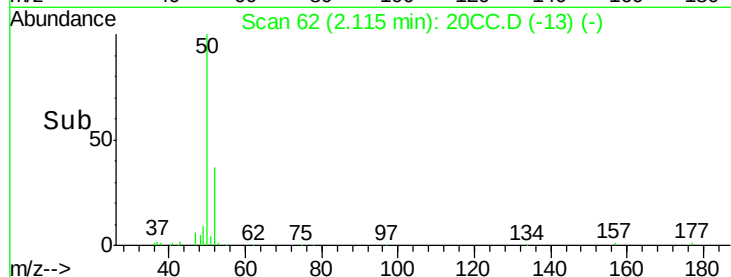
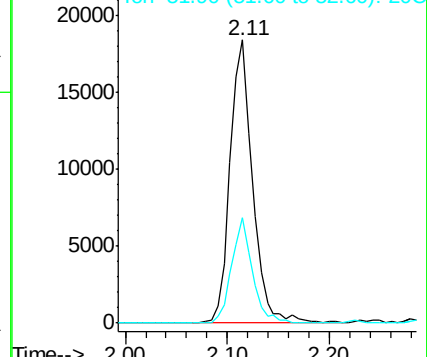
Ion Ratio Lower Upper

50 100

52 37.4 25.3 37.9



Abundance Ion 49.90 (49.60 to 50.60): 20C
Ion 51.90 (51.60 to 52.60): 20C



#4

Vinyl Chloride

Concen: 11.882 ug/l

RT: 2.25 min Scan# 84

Delta R.T. -0.00 min

Lab File: 20CC.D

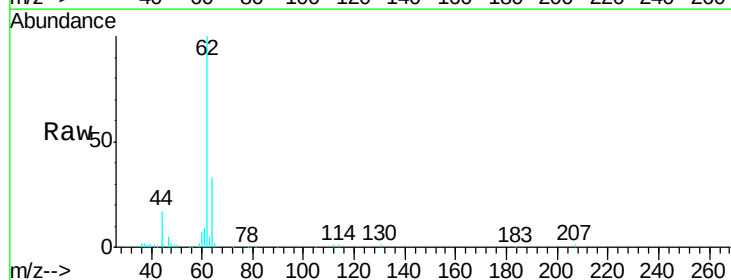
Acq: 03 Oct 2019 14:05

Tgt Ion: 62 Resp: 34964

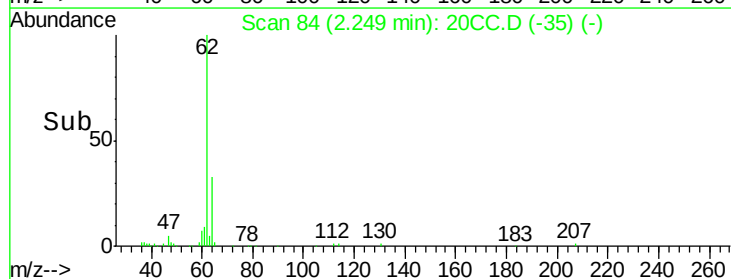
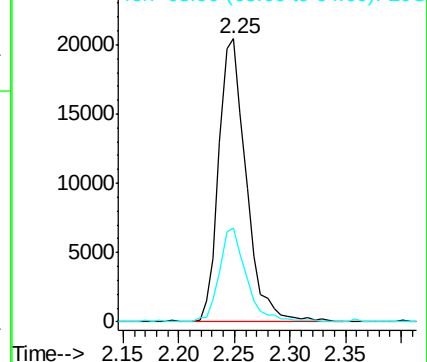
Ion Ratio Lower Upper

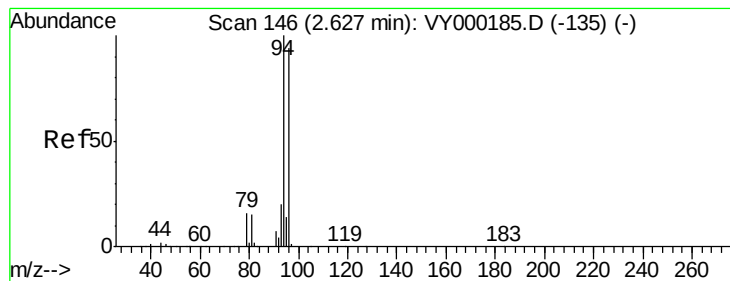
62 100

64 33.2 24.3 36.5



Abundance Ion 61.90 (61.60 to 62.60): 20C
Ion 63.90 (63.60 to 64.60): 20C





#5

Bromomethane

Concen: 15.078 ug/l

RT: 2.64 min Scan# 148

Delta R.T. 0.01 min

Lab File: 20CC.D

Acq: 03 Oct 2019 14:05

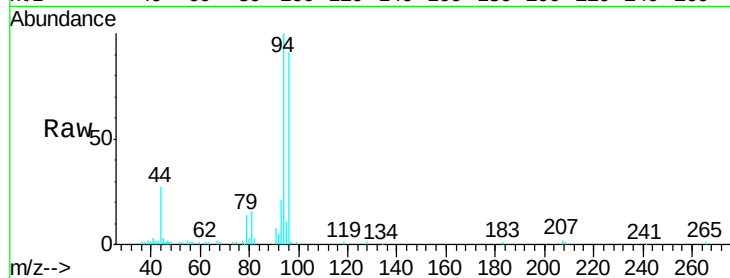
Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion: 94 Resp: 28977

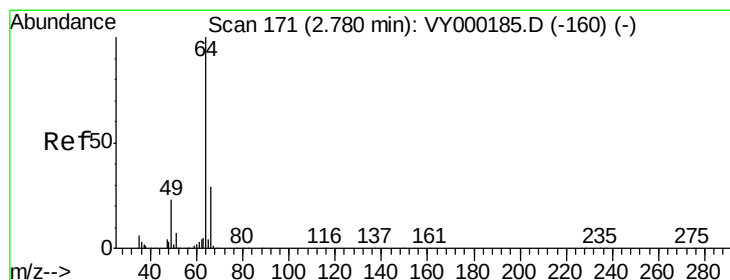
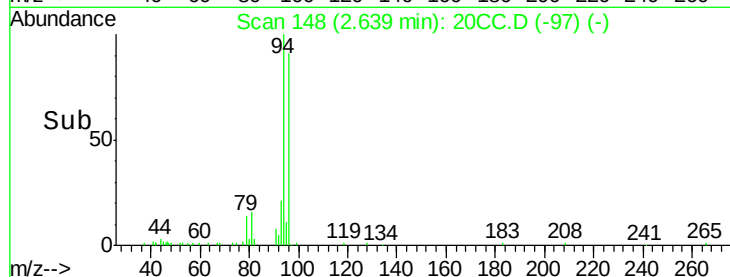
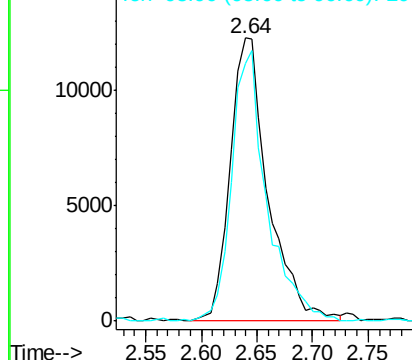
Ion Ratio Lower Upper

94 100

96 91.1 75.3 112.9



Abundance Ion 93.90 (93.60 to 94.60): 20C
Ion 95.90 (95.60 to 96.60): 20C



#6

Chloroethane

Concen: 12.328 ug/l

RT: 2.79 min Scan# 173

Delta R.T. 0.01 min

Lab File: 20CC.D

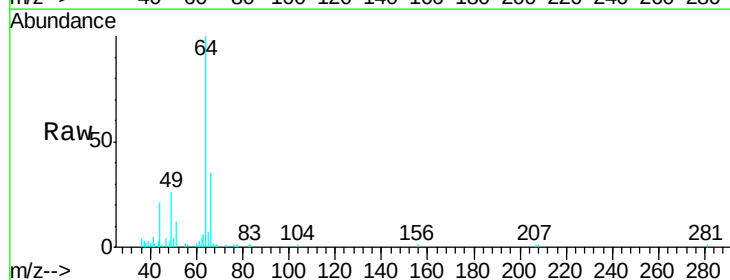
Acq: 03 Oct 2019 14:05

Tgt Ion: 64 Resp: 25274

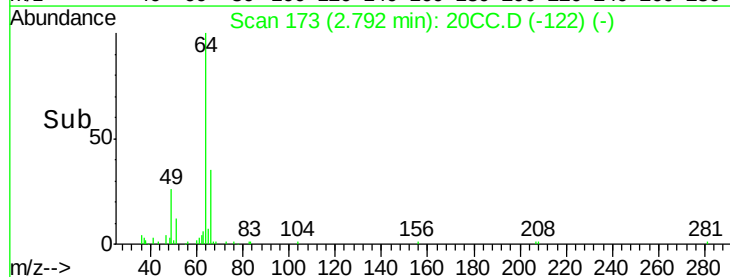
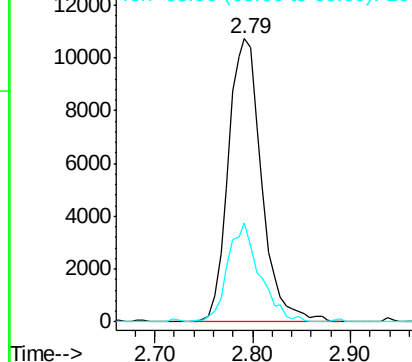
Ion Ratio Lower Upper

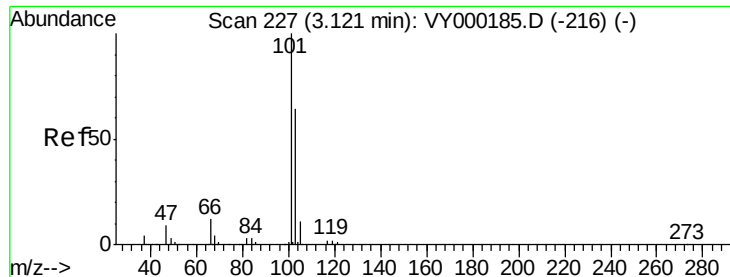
64 100

66 35.2 23.1 34.7#



Abundance Ion 63.90 (63.60 to 64.60): 20C
Ion 65.90 (65.60 to 66.60): 20C



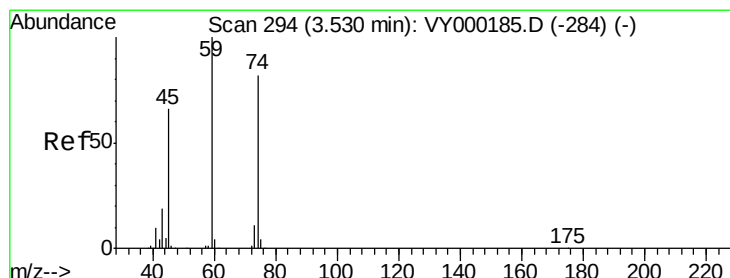
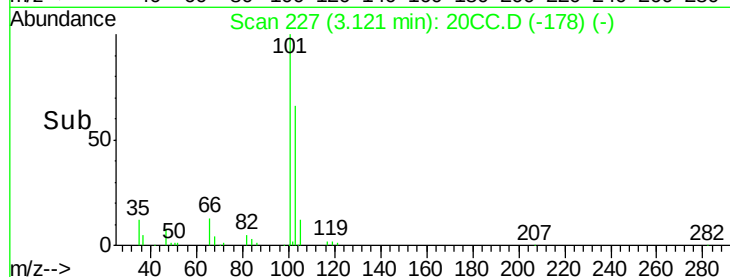
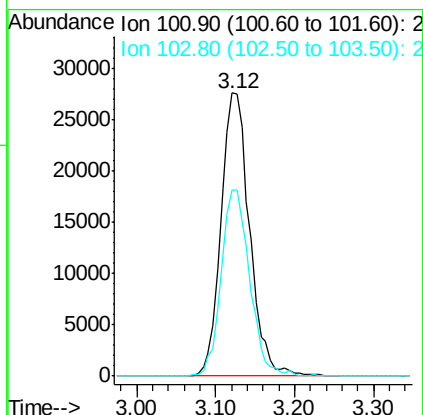
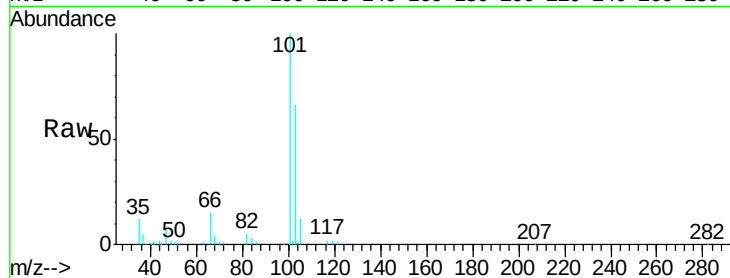


#7

Trichlorofluoromethane
 Concen: 14.869 ug/l
 RT: 3.12 min Scan# 227
 Delta R.T. -0.00 min
 Lab File: 20CC.D
 Acq: 03 Oct 2019 14:05

Instrument :
 MSVOA_Y
 ClientSampled :

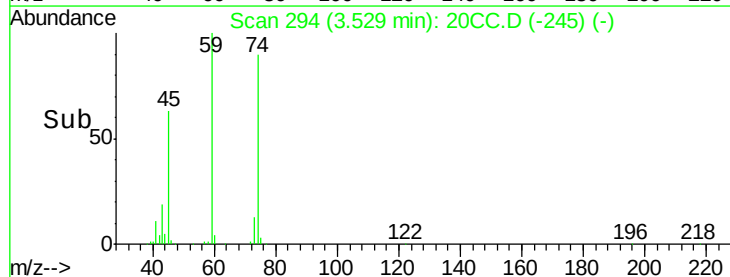
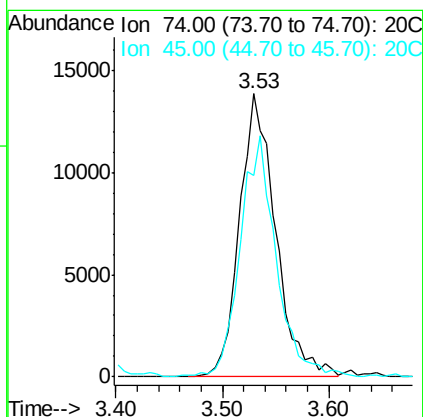
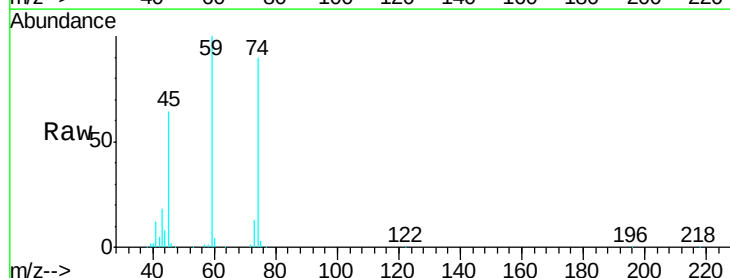
Tgt Ion: 101 Resp: 69822
 Ion Ratio Lower Upper
 101 100
 103 66.0 51.3 76.9

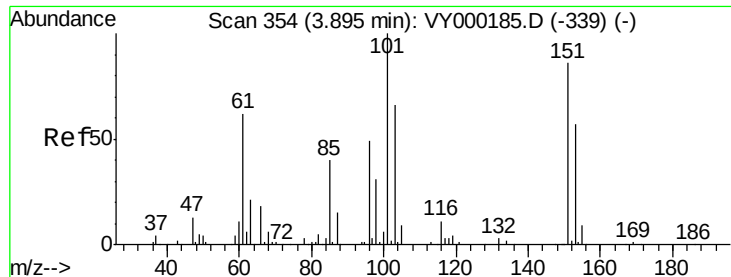


#8

Diethyl Ether
 Concen: 15.875 ug/l
 RT: 3.53 min Scan# 294
 Delta R.T. -0.00 min
 Lab File: 20CC.D
 Acq: 03 Oct 2019 14:05

Tgt Ion: 74 Resp: 32992
 Ion Ratio Lower Upper
 74 100
 45 84.9 40.6 121.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 16.268 ug/l

RT: 3.90 min Scan# 355

Delta R.T. 0.01 min

Lab File: 20CC.D

Acq: 03 Oct 2019 14:05

Instrument :

MSVOA_Y

ClientSampleId :

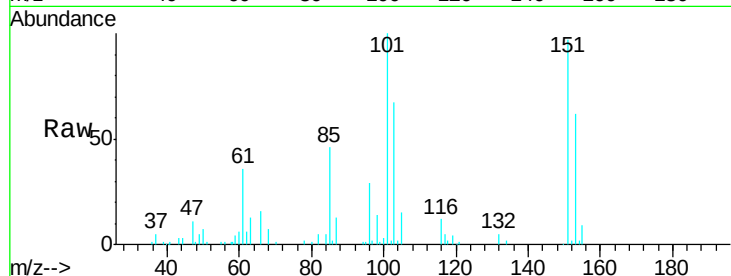
Tgt Ion:101 Resp: 48296

Ion Ratio Lower Upper

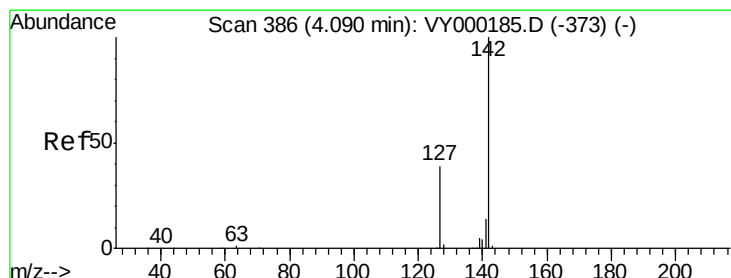
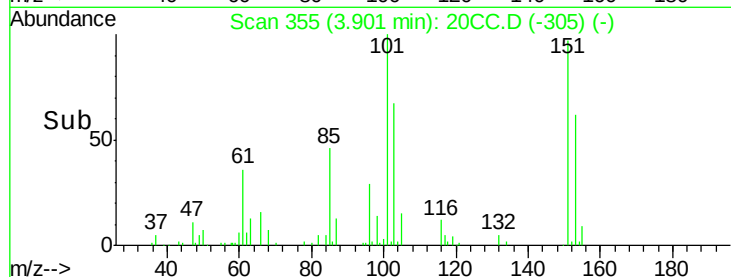
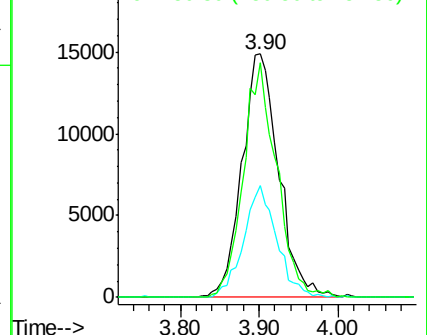
101 100

85 41.4 33.8 50.6

151 87.4 69.7 104.5



Abundance Ion 100.90 (100.60 to 101.60): 2
Ion 84.90 (84.60 to 85.60): 200
Ion 150.80 (150.50 to 151.50): 2



#10

Methyl Iodide

Concen: 11.668 ug/l

RT: 4.09 min Scan# 386

Delta R.T. -0.00 min

Lab File: 20CC.D

Acq: 03 Oct 2019 14:05

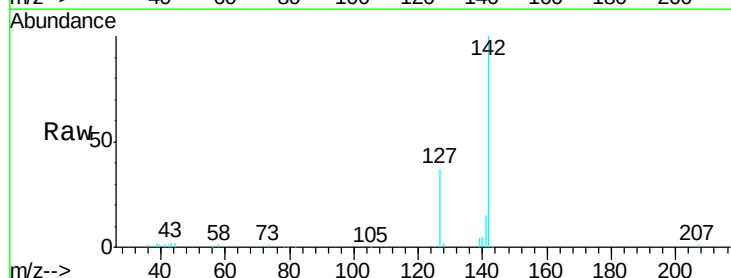
Tgt Ion:142 Resp: 47065

Ion Ratio Lower Upper

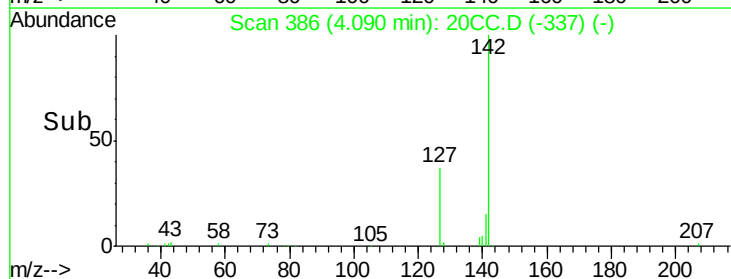
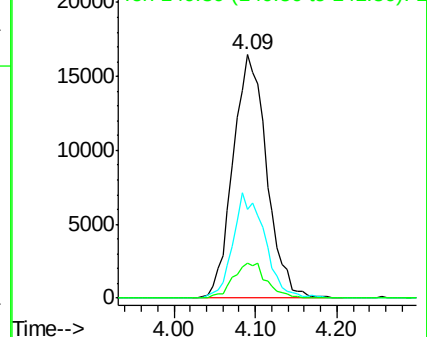
142 100

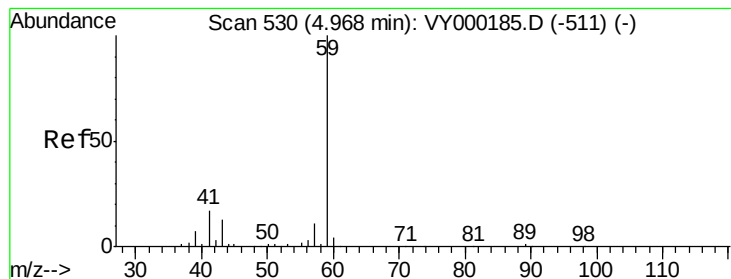
127 40.7 31.7 47.5

141 14.1 11.0 16.6



Abundance Ion 141.80 (141.50 to 142.50): 2
Ion 126.80 (126.50 to 127.50): 2
Ion 140.80 (140.50 to 141.50): 2



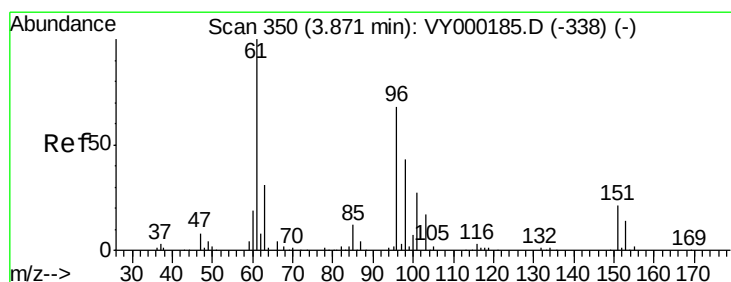
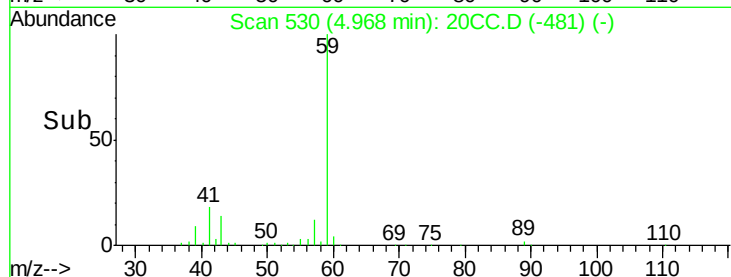
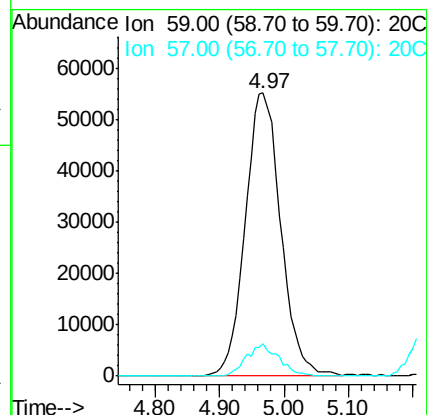
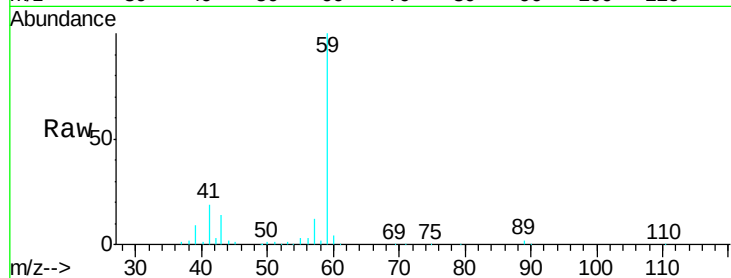


#11

Tert butyl alcohol
 Concen: 106.471 ug/l
 RT: 4.97 min Scan# 530
 Delta R.T. -0.00 min
 Lab File: 20CC.D
 Acq: 03 Oct 2019 14:05

Instrument :
 MSVOA_Y
 ClientSampleId :

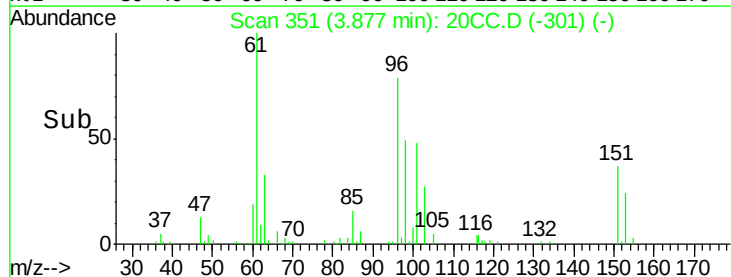
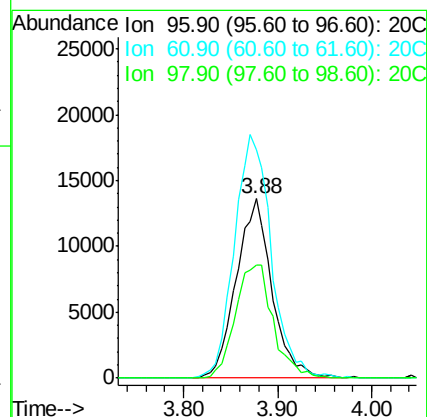
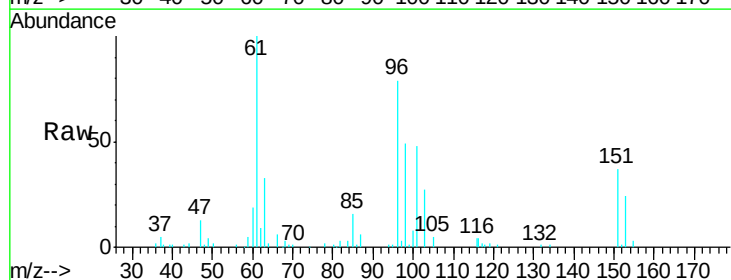
Tgt Ion: 59 Resp: 209782
 Ion Ratio Lower Upper
 59 100
 57 10.5 7.8 11.8

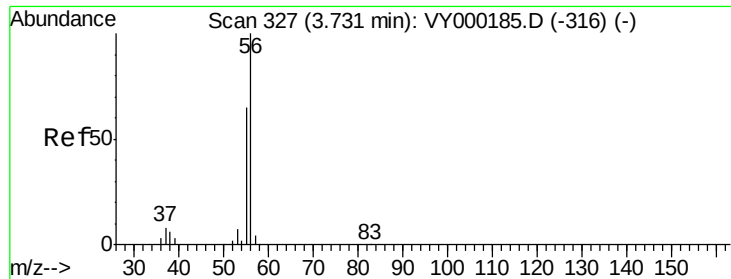


#12

1,1-Dichloroethene
 Concen: 12.821 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. 0.01 min
 Lab File: 20CC.D
 Acq: 03 Oct 2019 14:05

Tgt Ion: 96 Resp: 35785
 Ion Ratio Lower Upper
 96 100
 61 127.3 117.1 175.7
 98 63.0 50.3 75.5





#13

Acrolein

Concen: 93.442 ug/l

RT: 3.73 min Scan# 327

Delta R.T. -0.00 min

Lab File: 20CC.D

Acq: 03 Oct 2019 14:05

Instrument :

MSVOA_Y

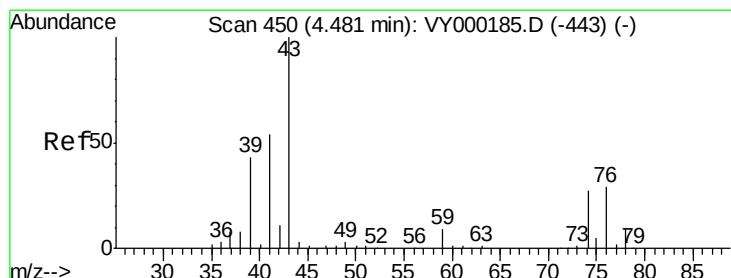
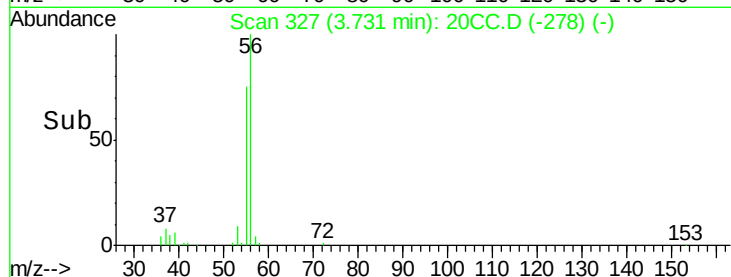
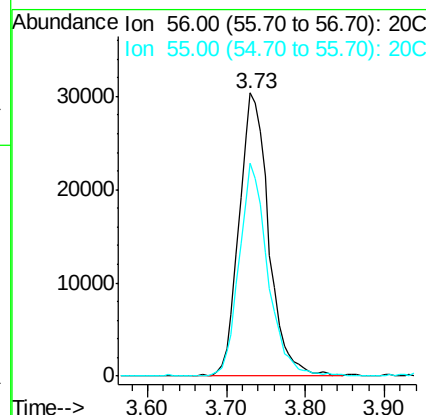
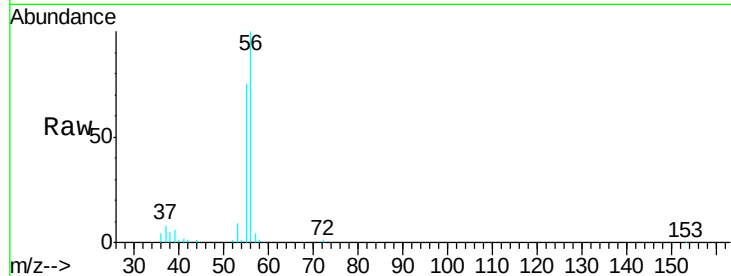
ClientSampleId :

Tgt Ion: 56 Resp: 79320

Ion Ratio Lower Upper

56 100

55 73.0 55.5 83.3



#14

Allyl chloride

Concen: 13.870 ug/l

RT: 4.48 min Scan# 450

Delta R.T. -0.00 min

Lab File: 20CC.D

Acq: 03 Oct 2019 14:05

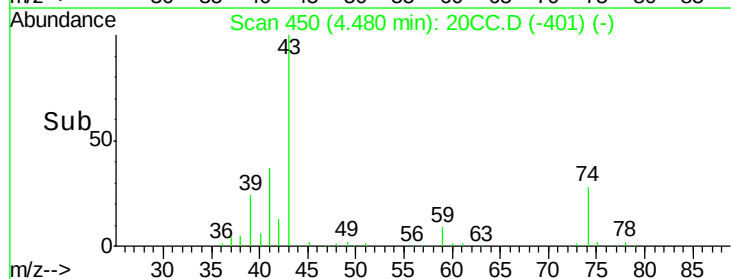
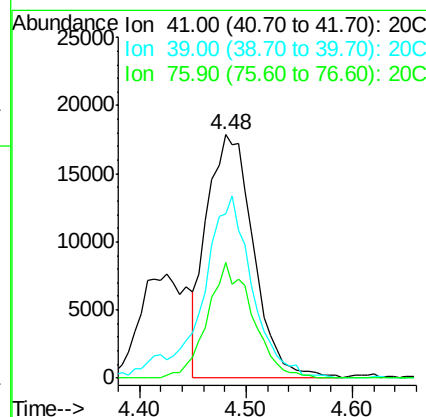
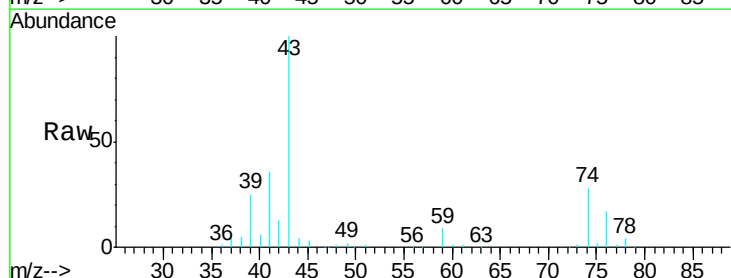
Tgt Ion: 41 Resp: 53934

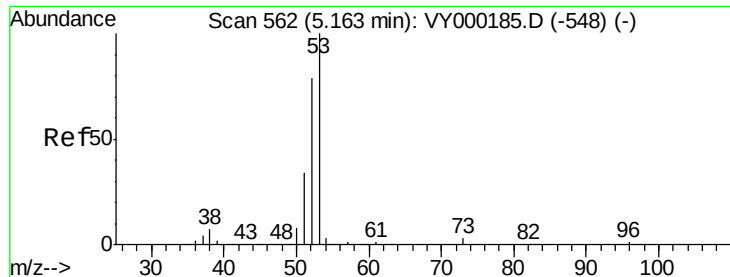
Ion Ratio Lower Upper

41 100

39 75.9 61.8 92.6

76 46.0 36.2 54.4





#15

Acrylonitrile

Concen: 94.170 ug/l

RT: 5.18 min Scan# 564

Delta R.T. 0.01 min

Lab File: 20CC.D

Acq: 03 Oct 2019 14:05

Instrument :

MSVOA_Y

ClientSampleId :

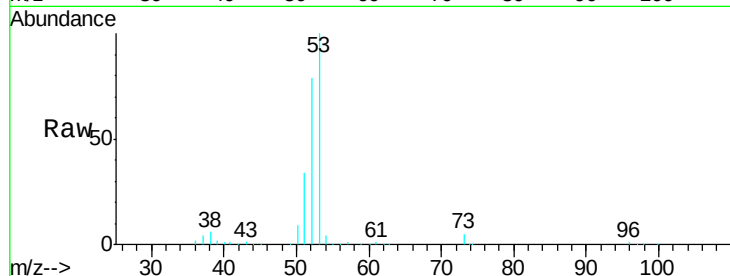
Tgt Ion: 53 Resp: 298029

Ion Ratio Lower Upper

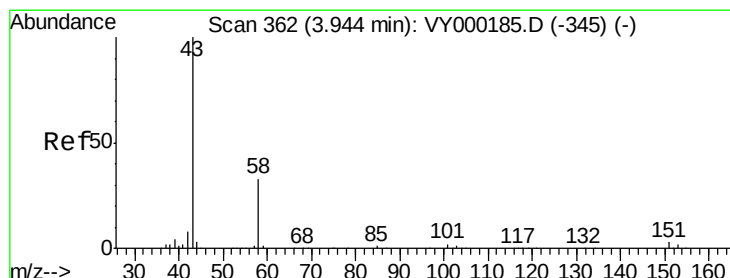
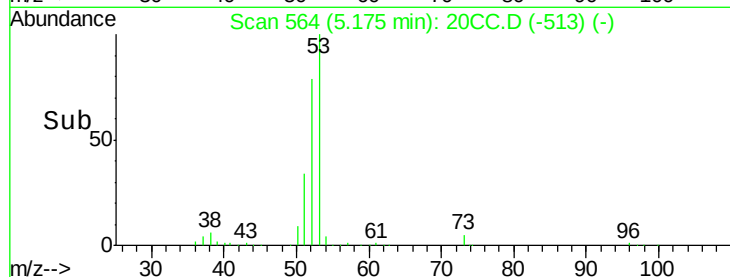
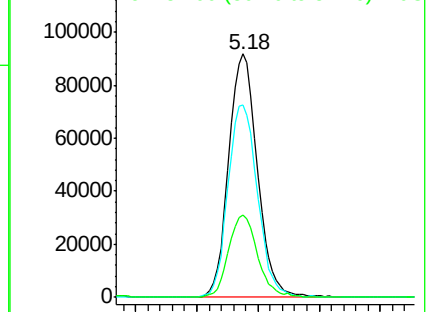
53 100

52 81.1 64.8 97.2

51 34.2 27.7 41.5



Abundance Ion 53.00 (52.70 to 53.70): 20C
Ion 52.00 (51.70 to 52.70): 20C
Ion 51.00 (50.70 to 51.70): 20C



#16

Acetone

Concen: 96.071 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.01 min

Lab File: 20CC.D

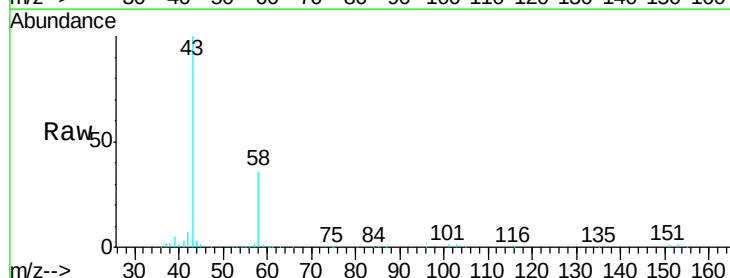
Acq: 03 Oct 2019 14:05

Tgt Ion: 43 Resp: 252313

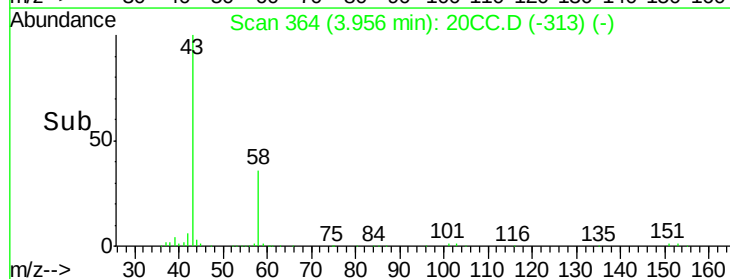
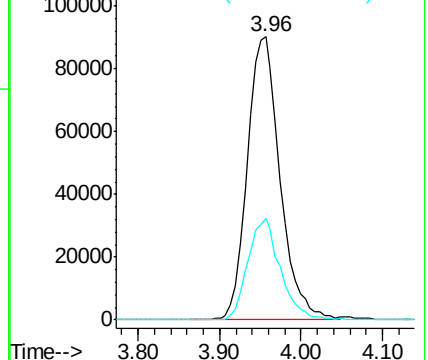
Ion Ratio Lower Upper

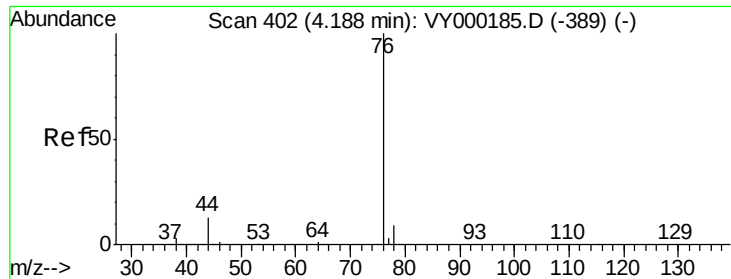
43 100

58 35.7 26.8 40.2



Abundance Ion 43.00 (42.70 to 43.70): 20C
Ion 58.00 (57.70 to 58.70): 20C

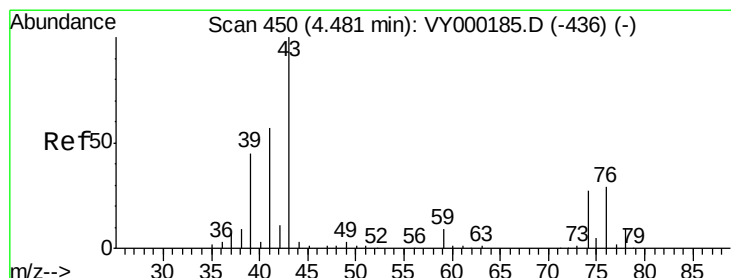
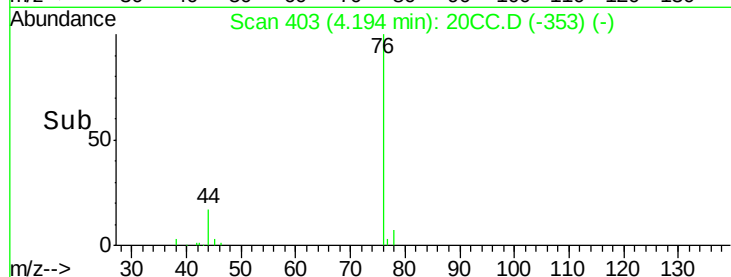
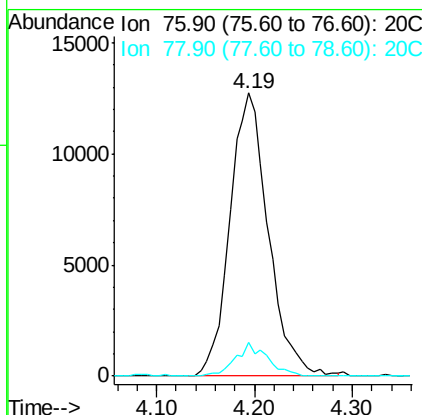
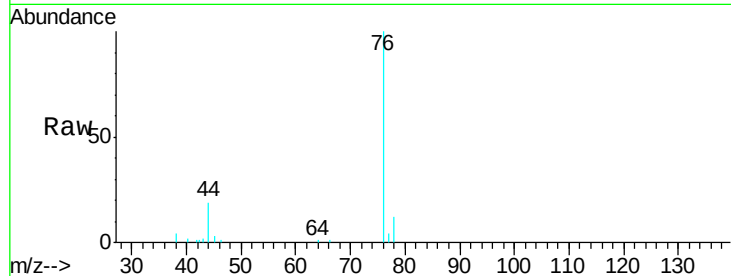




#17
Carbon Disulfide
Concen: 6.144 ug/l
RT: 4.19 min Scan# 403
Delta R.T. 0.01 min
Lab File: 20CC.D
Acq: 03 Oct 2019 14:05

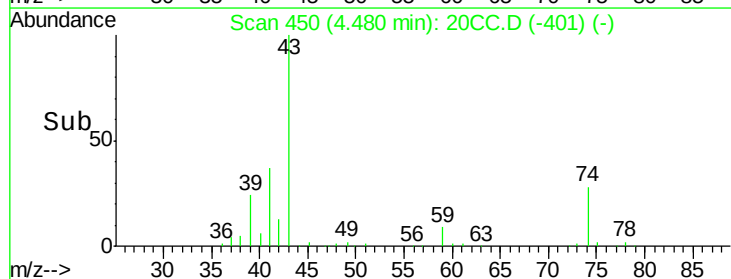
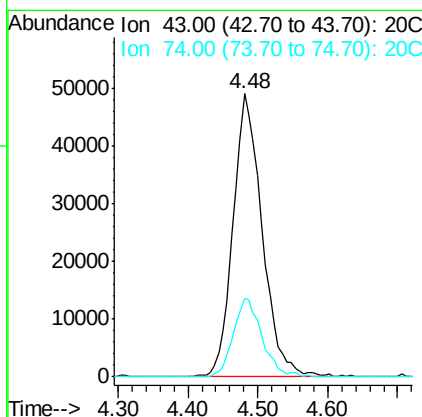
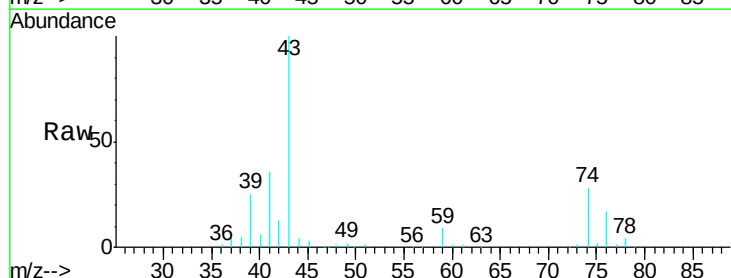
Instrument :
MSVOA_Y
ClientSampleId :

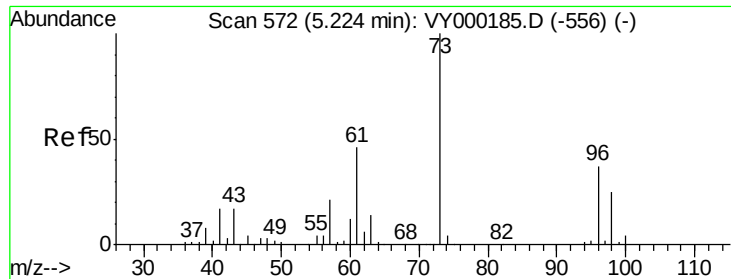
Tgt Ion: 76 Resp: 34545
Ion Ratio Lower Upper
76 100
78 12.0 7.6 11.4#



#18
Methyl Acetate
Concen: 19.300 ug/l
RT: 4.48 min Scan# 450
Delta R.T. -0.00 min
Lab File: 20CC.D
Acq: 03 Oct 2019 14:05

Tgt Ion: 43 Resp: 141589
Ion Ratio Lower Upper
43 100
74 27.4 22.3 33.5

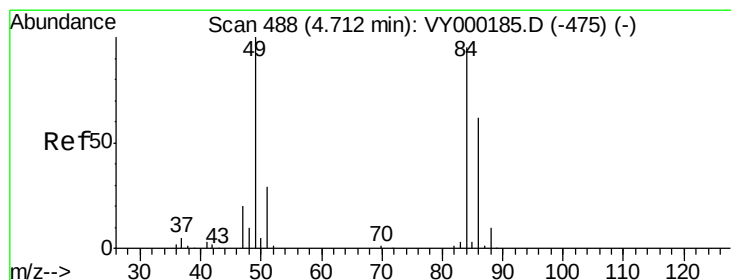
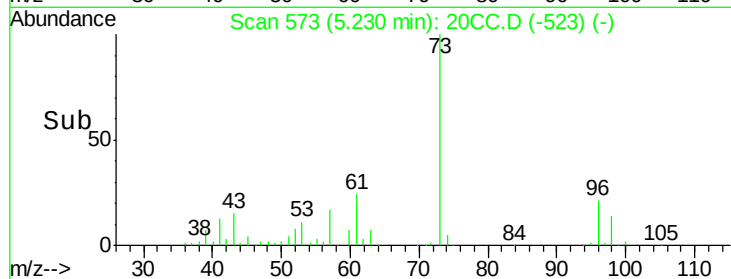
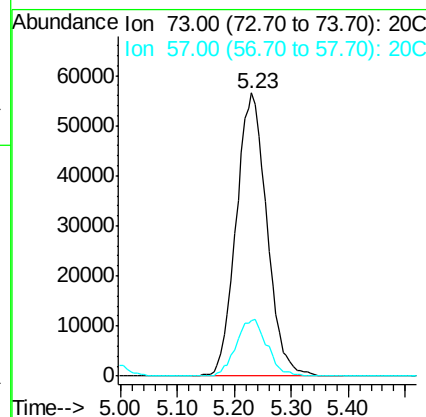
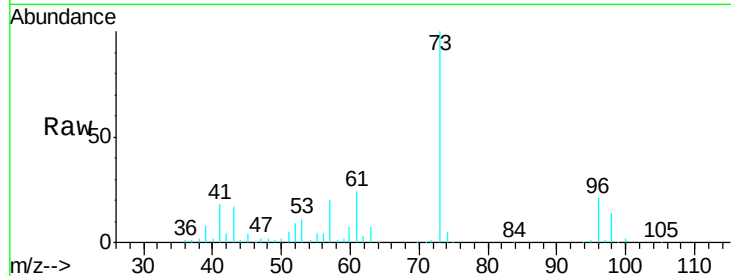




#19
Methyl tert-butyl Ether
Concen: 18.854 ug/l
RT: 5.23 min Scan# 573
Delta R.T. 0.01 min
Lab File: 20CC.D
Acq: 03 Oct 2019 14:05

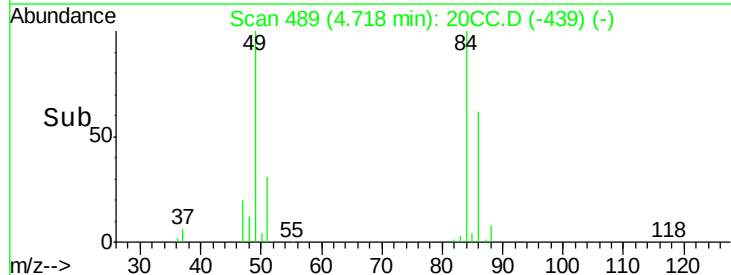
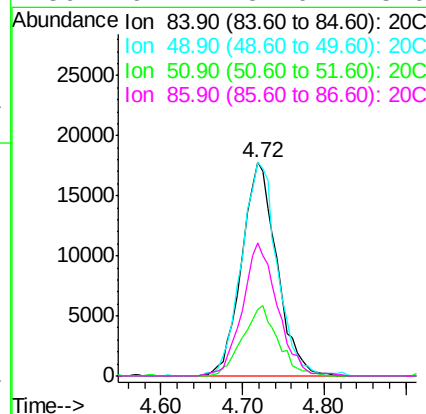
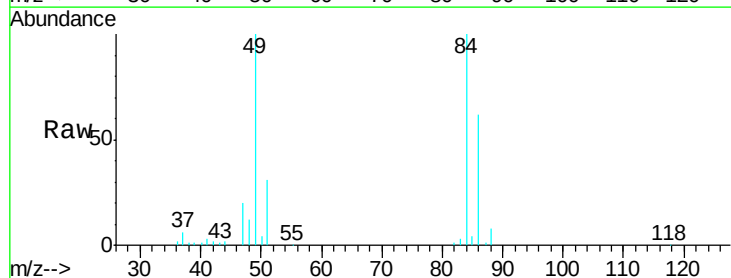
Instrument :
MSVOA_Y
ClientSampled :

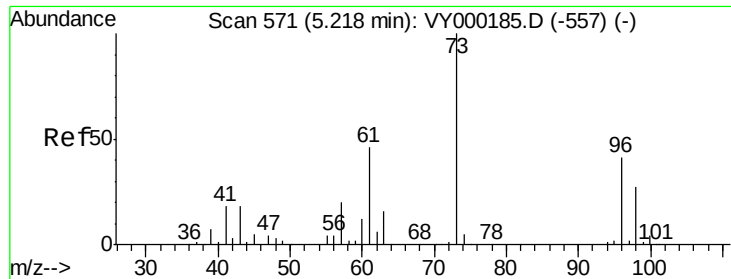
Tgt Ion: 73 Resp: 212387
Ion Ratio Lower Upper
73 100
57 19.8 16.9 25.3



#20
Methylene Chloride
Concen: 15.435 ug/l
RT: 4.72 min Scan# 489
Delta R.T. 0.01 min
Lab File: 20CC.D
Acq: 03 Oct 2019 14:05

Tgt Ion: 84 Resp: 53067
Ion Ratio Lower Upper
84 100
49 100.0 84.2 126.4
51 31.4 24.6 37.0
86 62.2 52.0 78.0





#21

trans-1,2-Dichloroethene

Concen: 12.583 ug/l

RT: 5.22 min Scan# 572

Delta R.T. 0.01 min

Lab File: 20CC.D

Acq: 03 Oct 2019 14:05

Instrument :

MSVOA_Y

ClientSampleId :

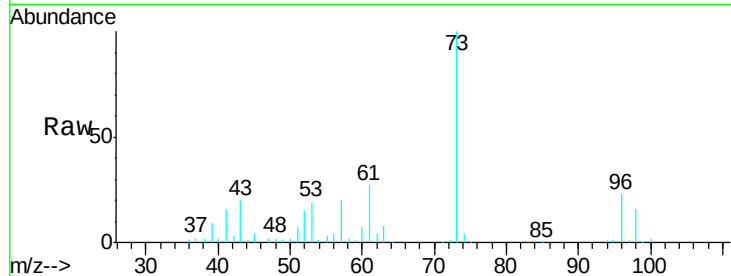
Tgt Ion: 96 Resp: 37879

Ion Ratio Lower Upper

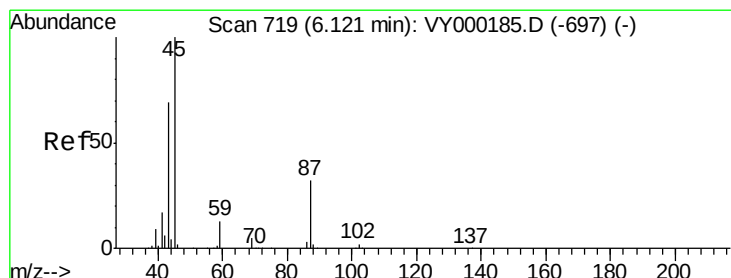
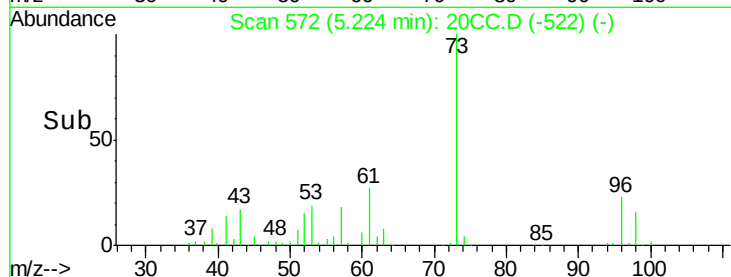
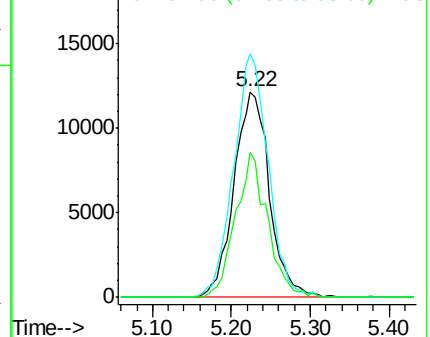
96 100

61 118.6 91.4 137.0

98 70.8 52.5 78.7



Abundance Ion 95.90 (95.60 to 96.60): 20C
Ion 60.90 (60.60 to 61.60): 20C
Ion 97.90 (97.60 to 98.60): 20C



#22

Diisopropyl ether

Concen: 17.456 ug/l

RT: 6.13 min Scan# 721

Delta R.T. 0.01 min

Lab File: 20CC.D

Acq: 03 Oct 2019 14:05

Tgt Ion: 45 Resp: 180039

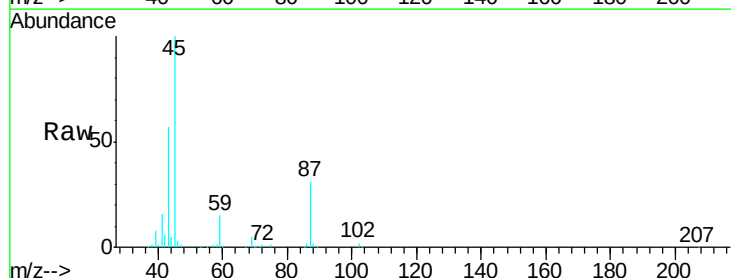
Ion Ratio Lower Upper

45 100

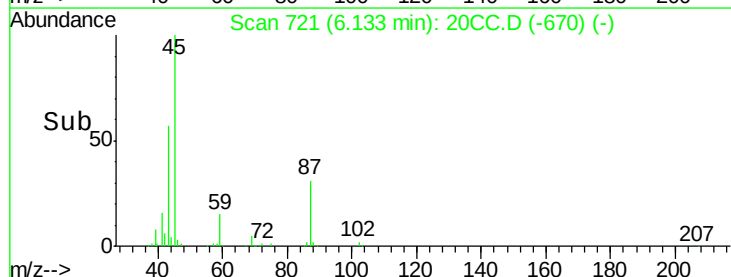
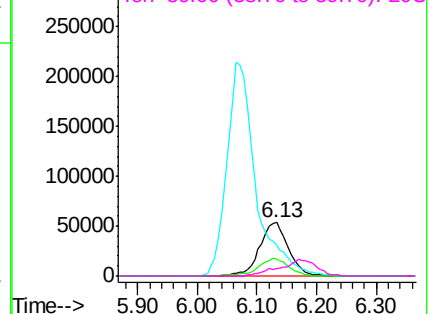
43 57.2 55.4 83.0

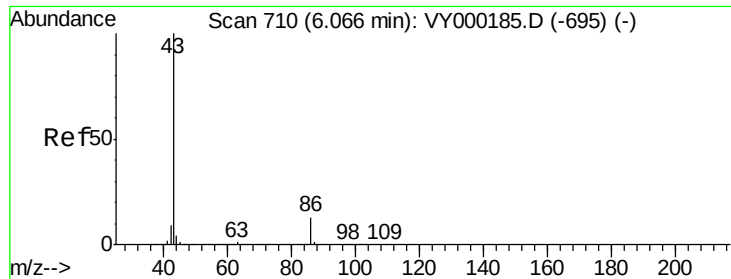
87 31.3 25.8 38.8

59 14.8 10.1 15.1



Abundance Ion 45.00 (44.70 to 45.70): 20C
Ion 43.00 (42.70 to 43.70): 20C
Ion 87.00 (86.70 to 87.70): 20C
Ion 59.00 (58.70 to 59.70): 20C

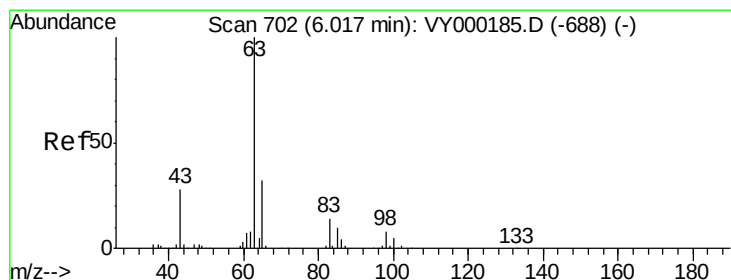
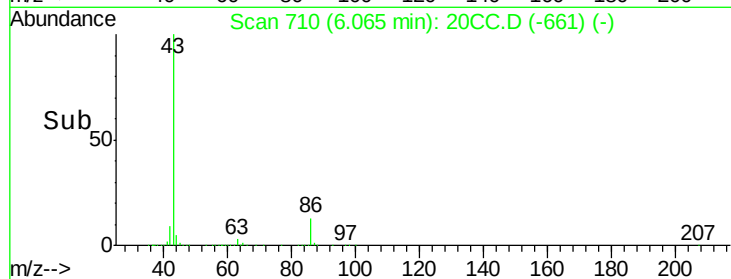
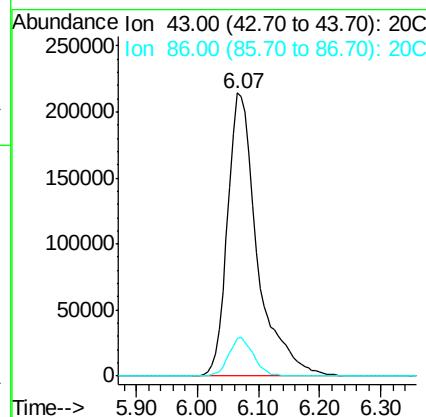
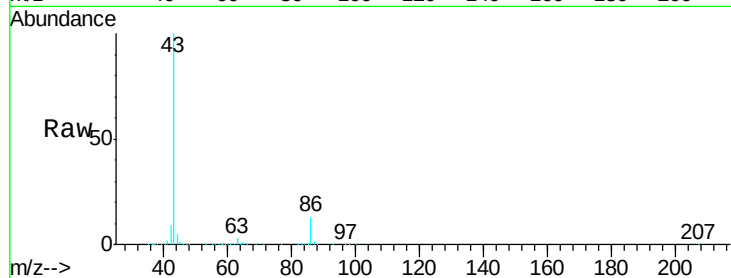




#23
 Vinyl Acetate
 Concen: 81.509 ug/l
 RT: 6.07 min Scan# 710
 Delta R.T. -0.00 min
 Lab File: 20CC.D
 Acq: 03 Oct 2019 14:05

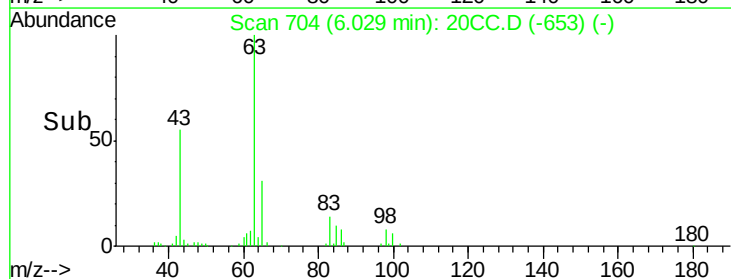
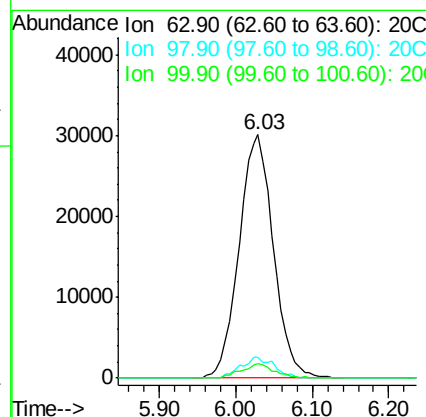
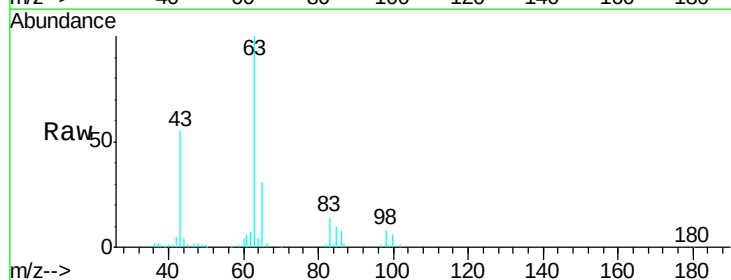
Instrument :
 MSVOA_Y
 ClientSampleId :

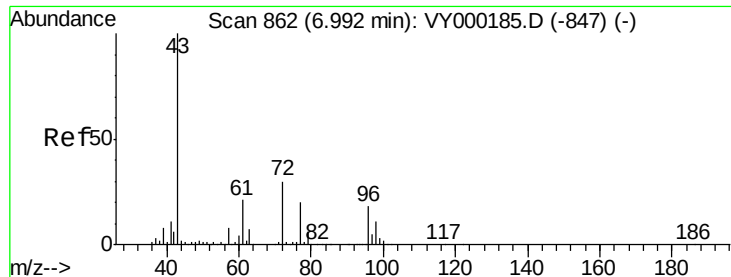
Tgt Ion: 43 Resp: 722871
 Ion Ratio Lower Upper
 43 100
 86 13.3 10.2 15.2



#24
 1,1-Dichloroethane
 Concen: 16.964 ug/l
 RT: 6.03 min Scan# 704
 Delta R.T. 0.01 min
 Lab File: 20CC.D
 Acq: 03 Oct 2019 14:05

Tgt Ion: 63 Resp: 93614
 Ion Ratio Lower Upper
 63 100
 98 8.5 3.9 11.5
 100 6.2 2.3 6.9





#25

2-Butanone

Concen: 96.882 ug/l

RT: 7.00 min Scan# 863

Delta R.T. 0.01 min

Lab File: 20CC.D

Acq: 03 Oct 2019 14:05

Instrument :

MSVOA_Y

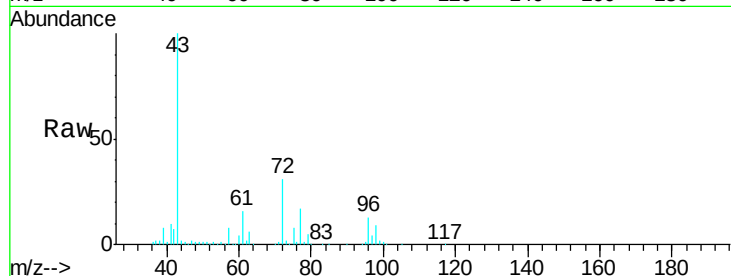
ClientSampleId :

Tgt Ion: 43 Resp: 452367

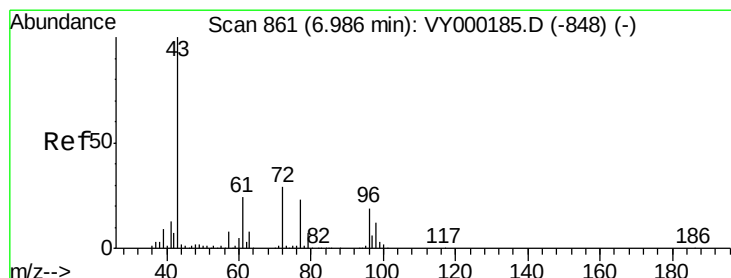
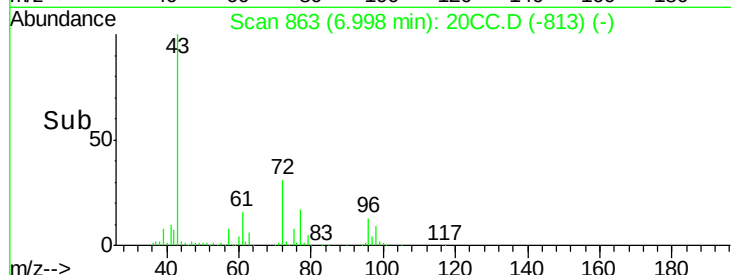
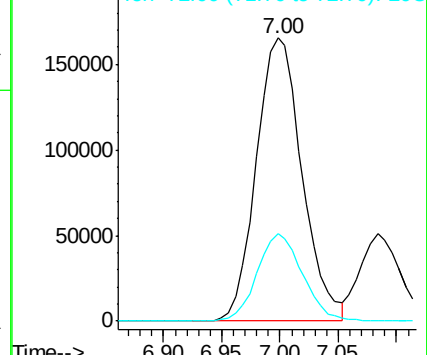
Ion Ratio Lower Upper

43 100

72 31.1 24.0 36.0



Abundance Ion 43.00 (42.70 to 43.70): 20C
Ion 72.00 (71.70 to 72.70): 20C



#26

2,2-Dichloropropane

Concen: 17.134 ug/l

RT: 6.99 min Scan# 861

Delta R.T. -0.00 min

Lab File: 20CC.D

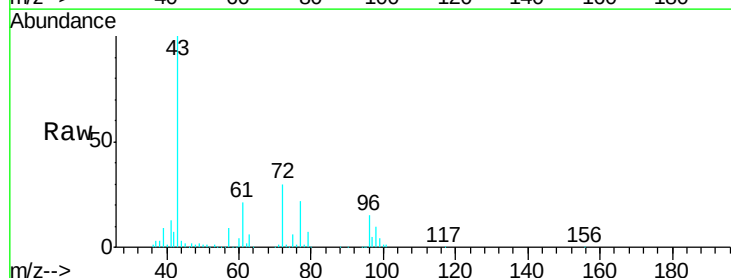
Acq: 03 Oct 2019 14:05

Tgt Ion: 77 Resp: 91979

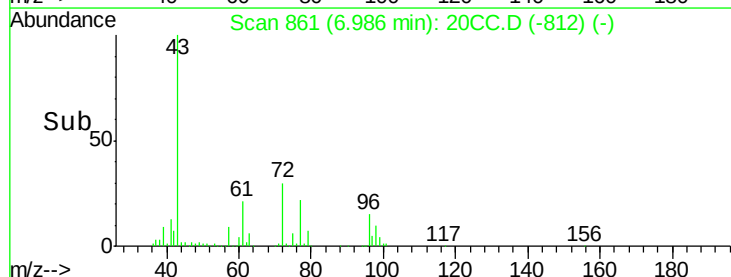
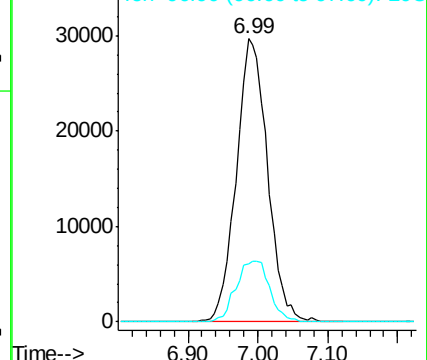
Ion Ratio Lower Upper

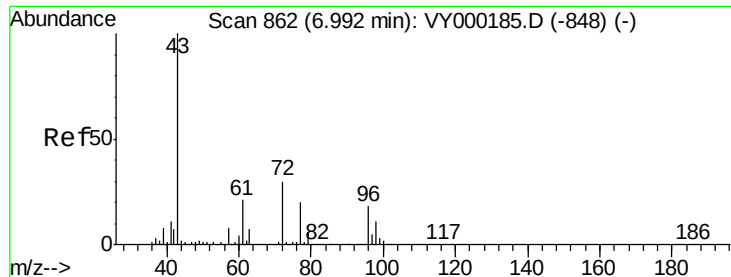
77 100

97 23.1 12.3 36.9



Abundance Ion 76.90 (76.60 to 77.60): 20C
Ion 96.90 (96.60 to 97.60): 20C



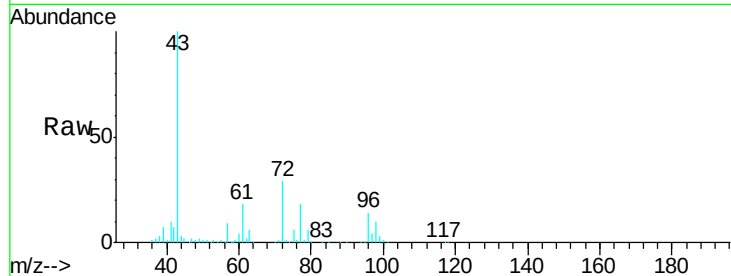


#27

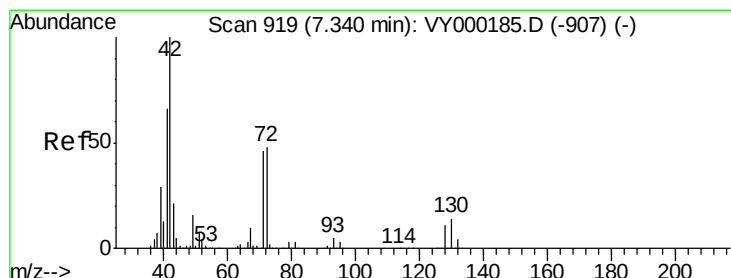
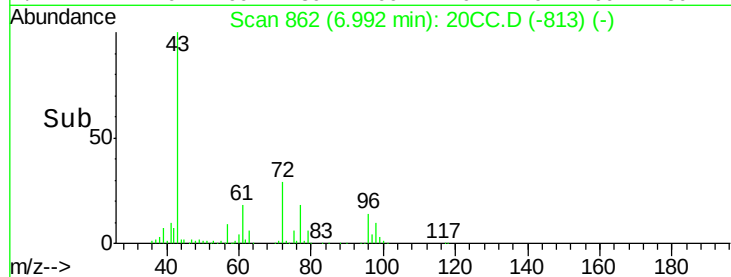
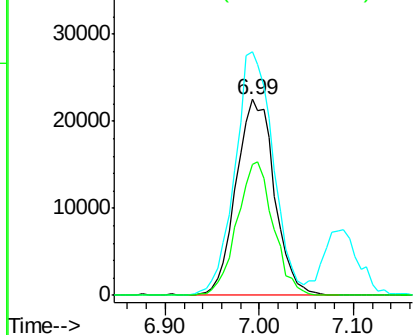
cis-1,2-Dichloroethene
 Concen: 16.246 ug/l
 RT: 6.99 min Scan# 862
 Delta R.T. -0.00 min
 Lab File: 20CC.D
 Acq: 03 Oct 2019 14:05

Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion: 96 Resp: 64313
 Ion Ratio Lower Upper
 96 100
 61 123.8 0.0 251.4
 98 64.2 0.0 129.4



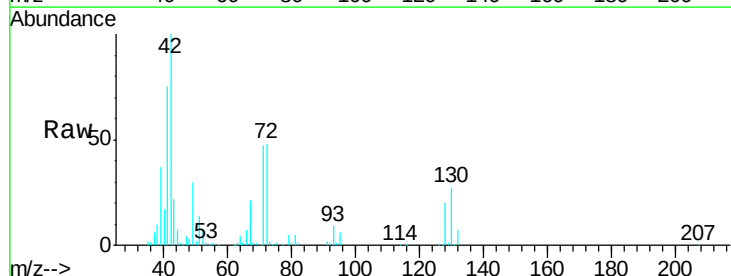
Abundance Ion 95.90 (95.60 to 96.60): 20C
 Ion 60.90 (60.60 to 61.60): 20C
 Ion 97.90 (97.60 to 98.60): 20C



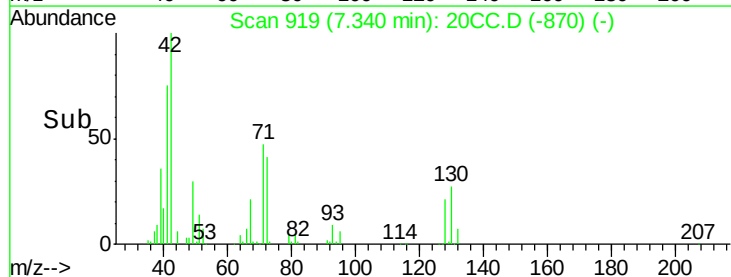
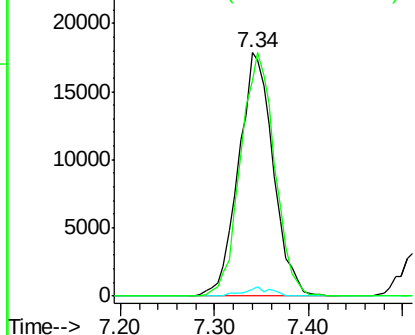
#28

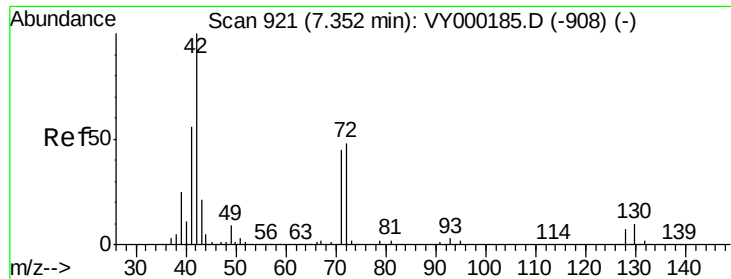
Bromochloromethane
 Concen: 21.146 ug/l
 RT: 7.34 min Scan# 919
 Delta R.T. -0.00 min
 Lab File: 20CC.D
 Acq: 03 Oct 2019 14:05

Tgt Ion: 49 Resp: 45915
 Ion Ratio Lower Upper
 49 100
 129 2.9 0.0 5.4
 130 98.4 74.2 111.4



Abundance Ion 48.90 (48.60 to 49.60): 20C
 Ion 128.80 (128.50 to 129.50): 2
 Ion 129.80 (129.50 to 130.50): 2





#29

Tetrahydrofuran

Concen: 88.614 ug/l

RT: 7.36 min Scan# 922

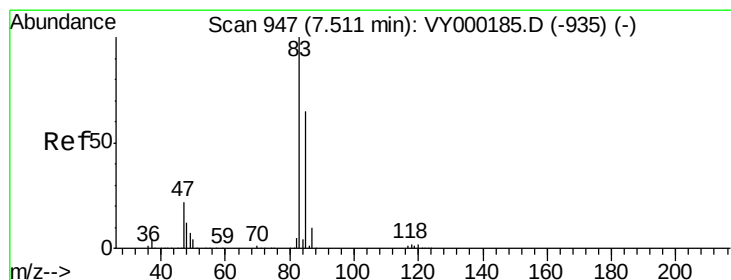
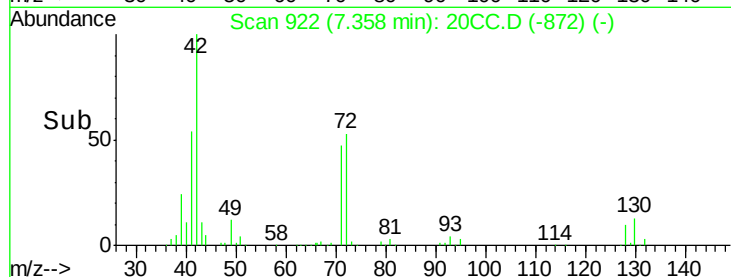
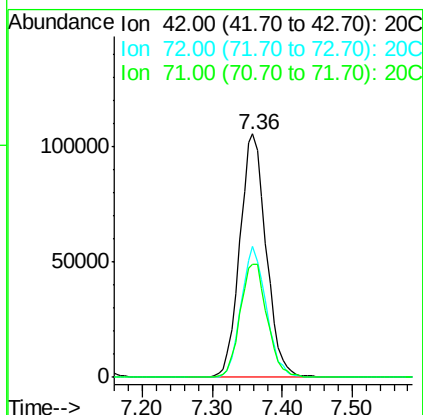
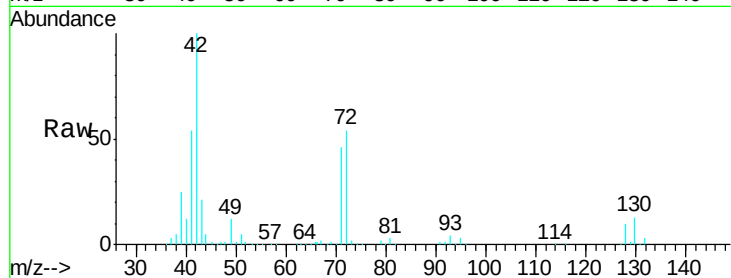
Delta R.T. 0.01 min

Lab File: 20CC.D

Acq: 03 Oct 2019 14:05

Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion:	42	Resp:	276065
Ion	Ratio	Lower	Upper
42	100		
72	51.2	39.3	58.9
71	47.5	36.7	55.1



#30

Chloroform

Concen: 17.586 ug/l

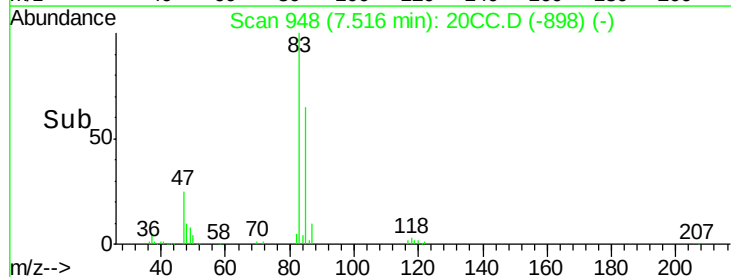
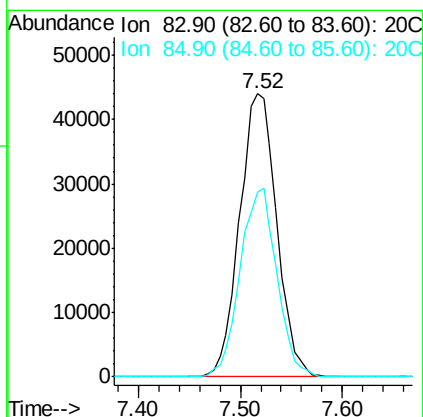
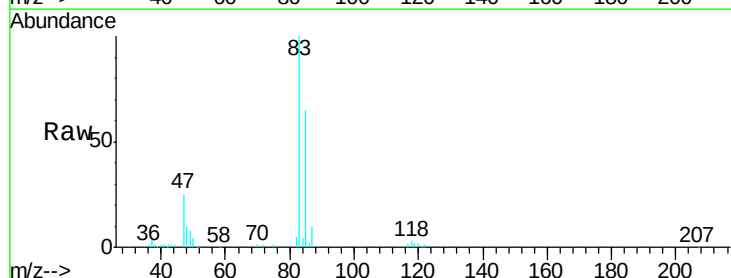
RT: 7.52 min Scan# 948

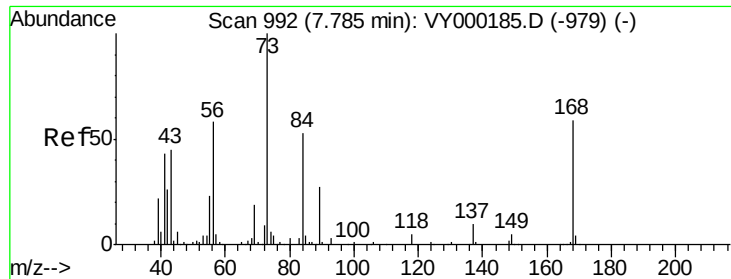
Delta R.T. 0.01 min

Lab File: 20CC.D

Acq: 03 Oct 2019 14:05

Tgt Ion:	83	Resp:	111174
Ion	Ratio	Lower	Upper
83	100		
85	65.4	51.8	77.6

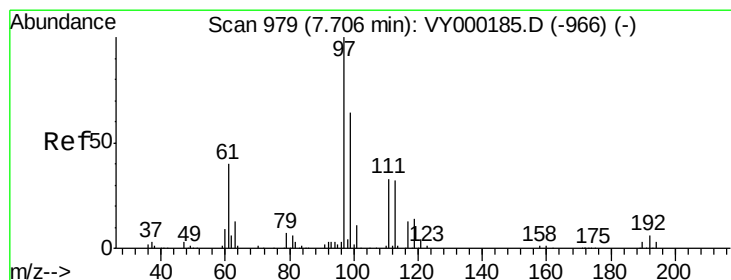
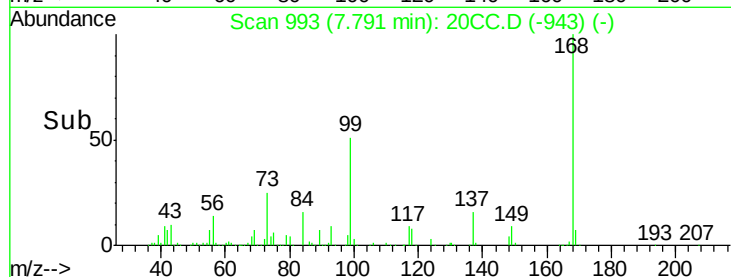
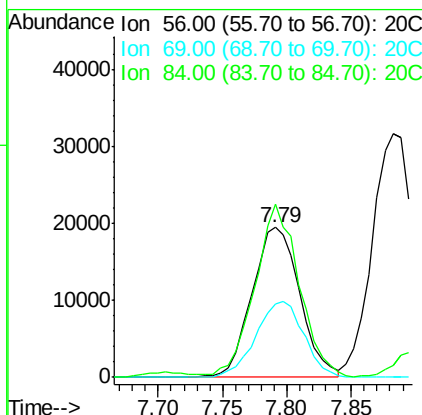
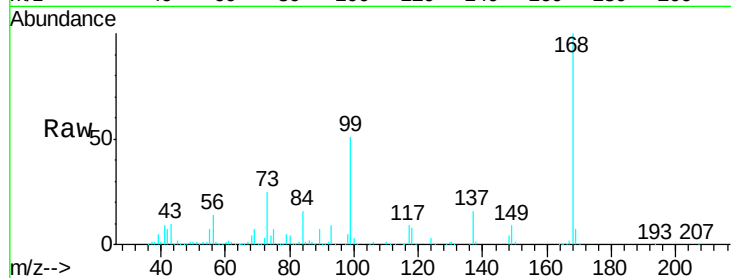




#31
Cyclohexane
Concen: 12.358 ug/l
RT: 7.79 min Scan# 993
Delta R.T. 0.01 min
Lab File: 20CC.D
Acq: 03 Oct 2019 14:05

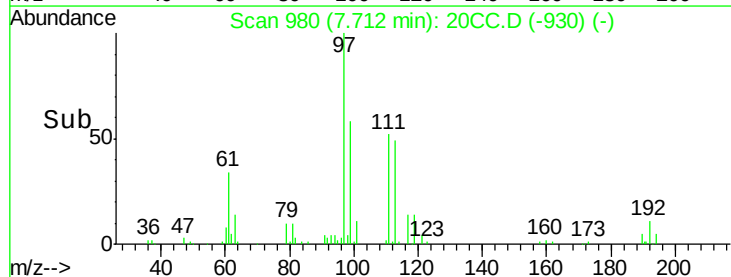
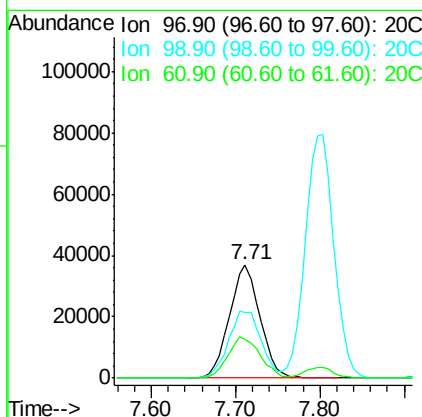
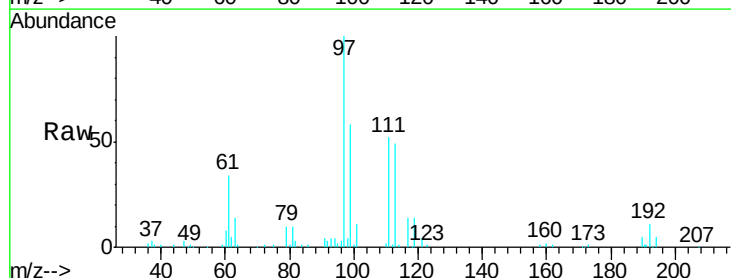
Instrument :
MSVOA_Y
ClientSampled :

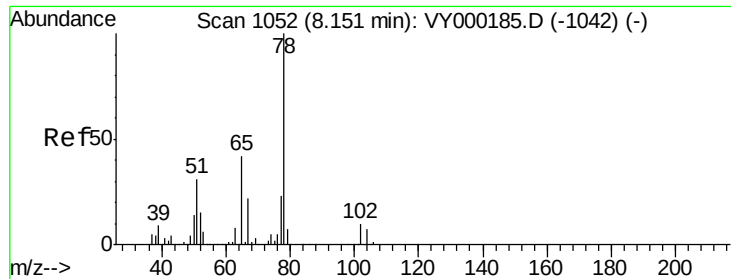
Tgt Ion: 56 Resp: 49994
Ion Ratio Lower Upper
56 100
69 48.7 26.1 39.1#
84 113.0 73.8 110.6#



#32
1,1,1-Trichloroethane
Concen: 16.699 ug/l
RT: 7.71 min Scan# 980
Delta R.T. 0.01 min
Lab File: 20CC.D
Acq: 03 Oct 2019 14:05

Tgt Ion: 97 Resp: 90068
Ion Ratio Lower Upper
97 100
99 64.4 51.8 77.8
61 38.8 31.2 46.8

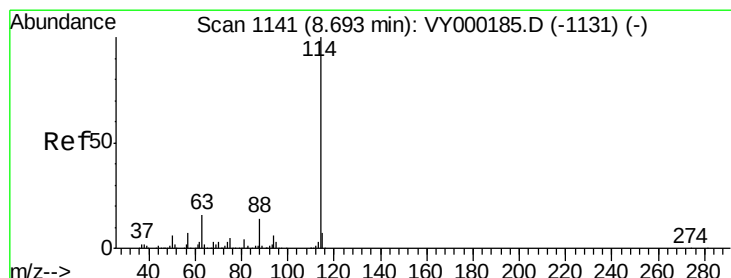
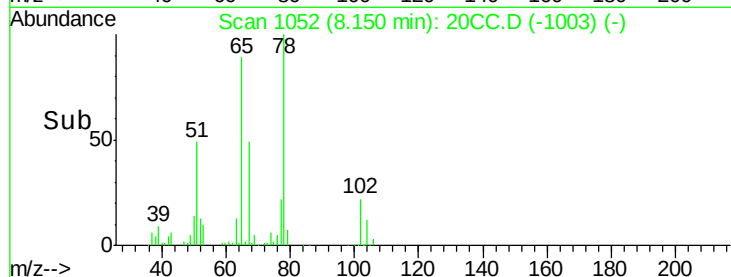
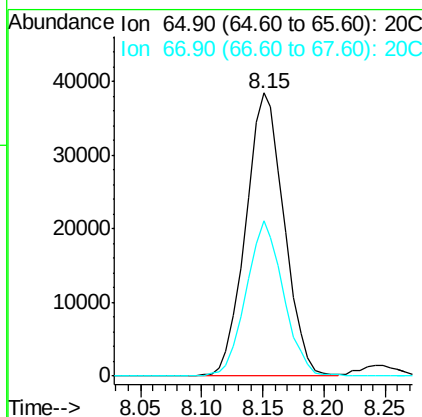
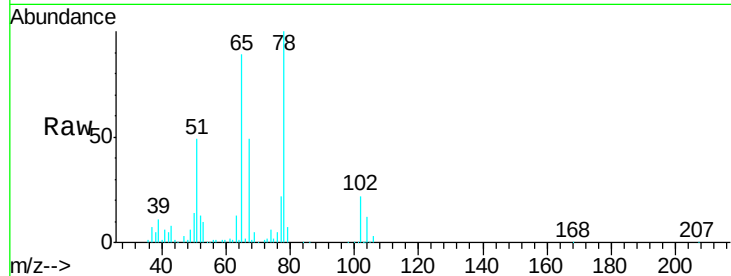




#33
 1,2-Dichloroethane-d4
 Concen: 20.431 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: 20CC.D
 Acq: 03 Oct 2019 14:05

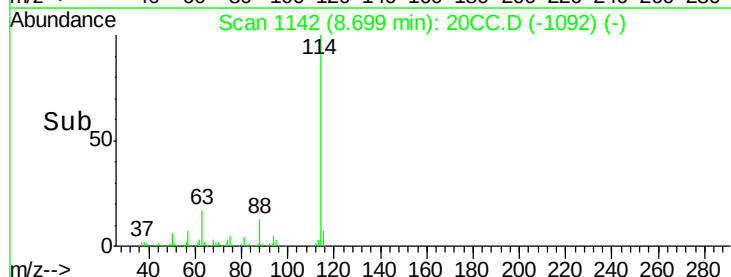
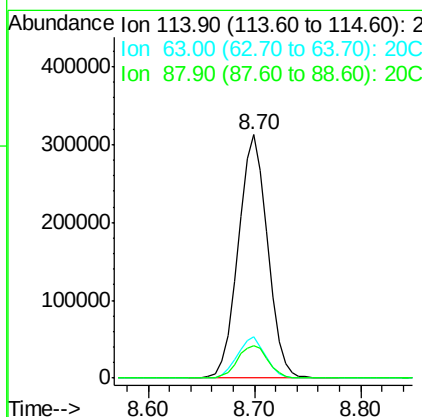
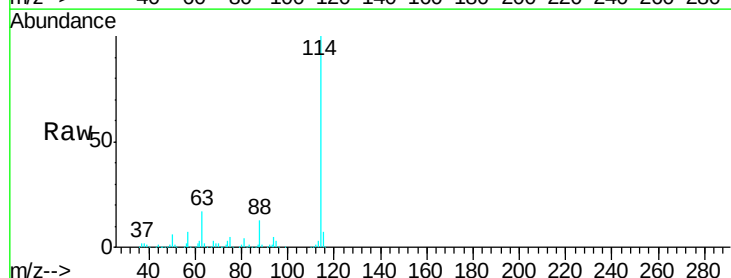
Instrument :
 MSVOA_Y
 ClientSampled :

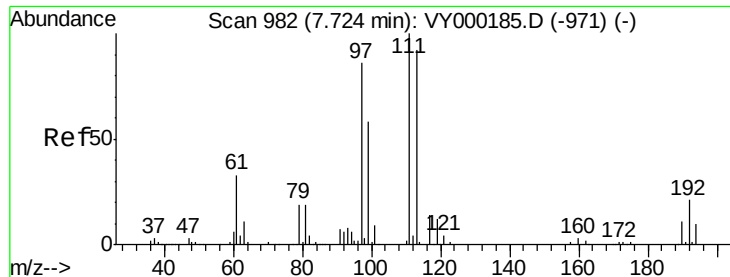
Tgt Ion: 65 Resp: 83994
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. 0.01 min
 Lab File: 20CC.D
 Acq: 03 Oct 2019 14:05

Tgt Ion: 114 Resp: 602249
 Ion Ratio Lower Upper
 114 100
 63 16.8 0.0 33.0
 88 13.4 0.0 27.6

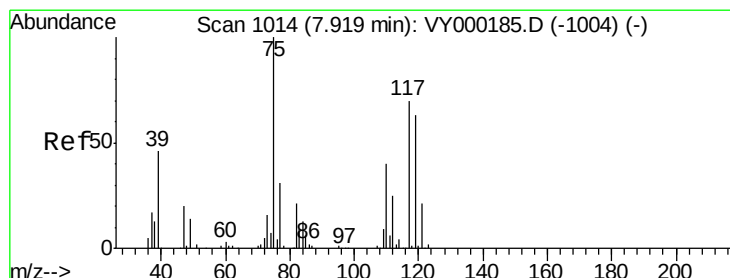
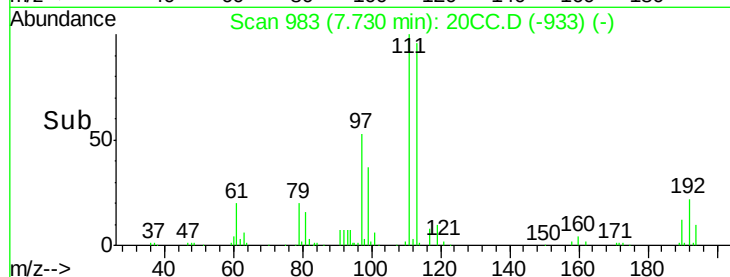
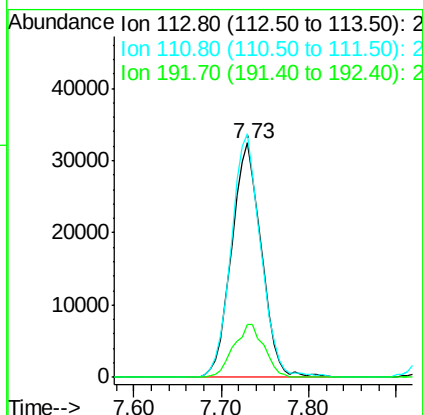
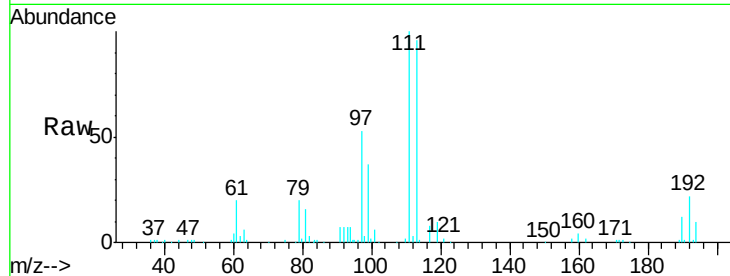




#35
 Dibromofluoromethane
 Concen: 20.563 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. 0.01 min
 Lab File: 20CC.D
 Acq: 03 Oct 2019 14:05

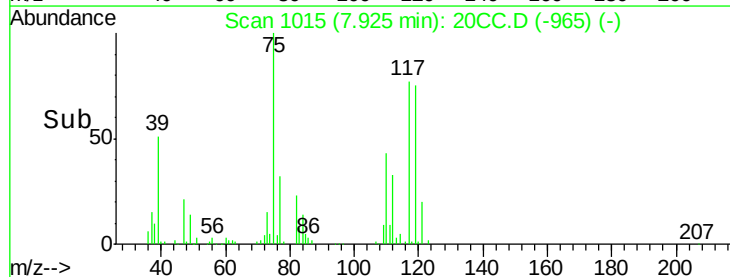
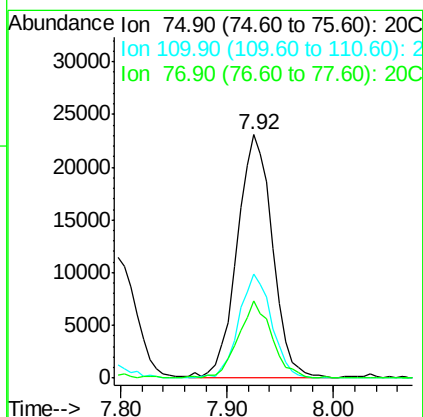
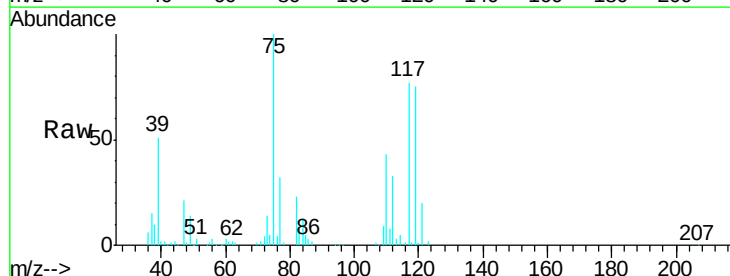
Instrument :
 MSVOA_Y
 ClientSampleId :

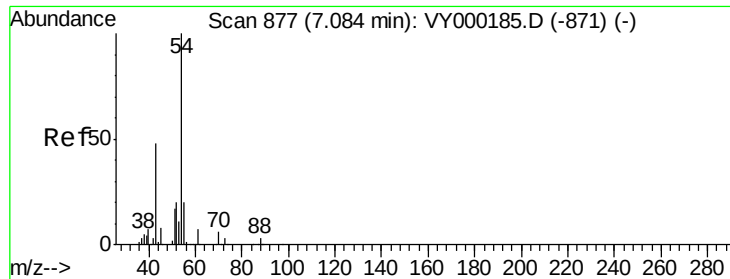
Tgt Ion: 113 Resp: 76826
 Ion Ratio Lower Upper
 113 100
 111 103.4 83.6 125.4
 192 23.0 18.4 27.6



#36
 1,1-Dichloropropene
 Concen: 13.688 ug/l
 RT: 7.92 min Scan# 1015
 Delta R.T. 0.01 min
 Lab File: 20CC.D
 Acq: 03 Oct 2019 14:05

Tgt Ion: 75 Resp: 53987
 Ion Ratio Lower Upper
 75 100
 110 39.8 20.4 61.2
 77 29.8 24.8 37.2

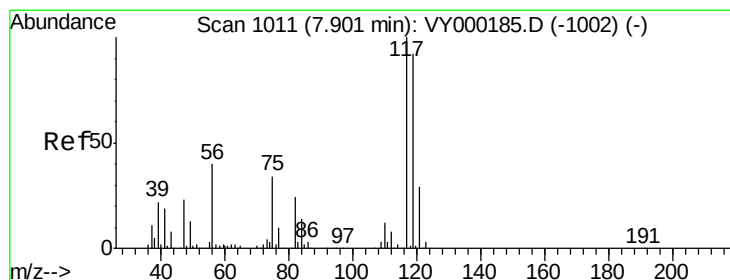
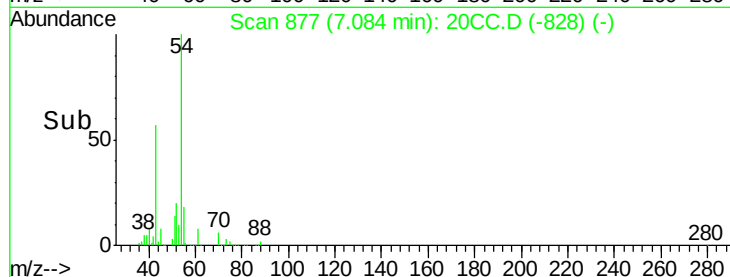
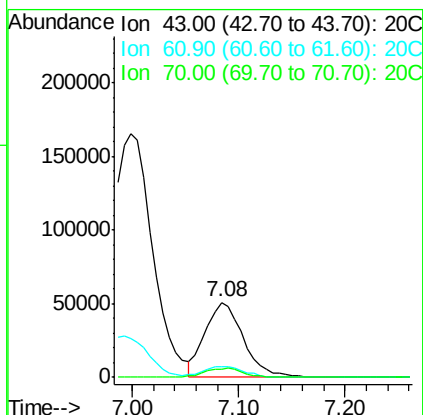
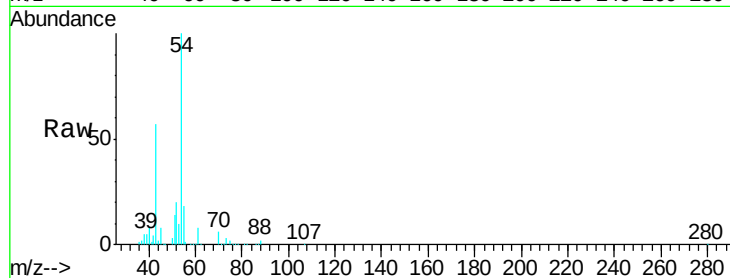




#37
Ethyl Acetate
Concen: 17.095 ug/l
RT: 7.08 min Scan# 877
Delta R.T. -0.00 min
Lab File: 20CC.D
Acq: 03 Oct 2019 14:05

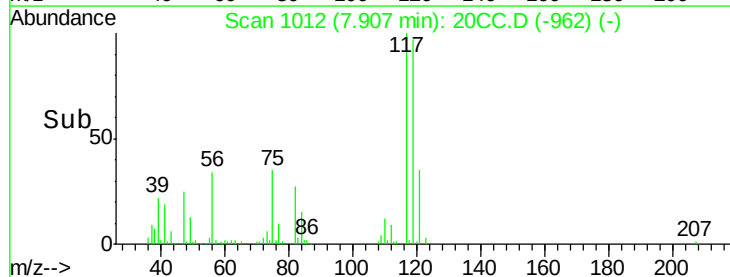
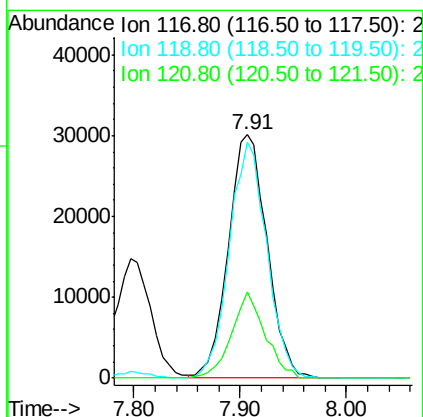
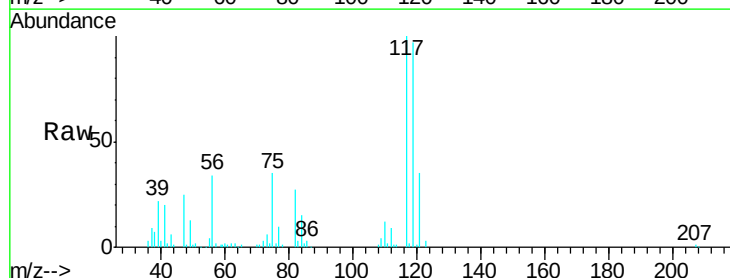
Instrument :
MSVOA_Y
ClientSampleId :

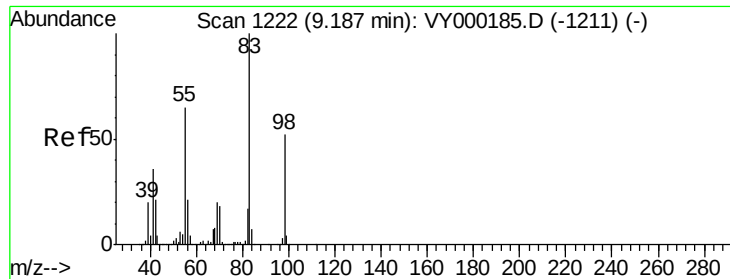
Tgt Ion: 43 Resp: 126044
Ion Ratio Lower Upper
43 100
61 15.5 11.8 17.6
70 12.2 9.4 14.2



#38
Carbon Tetrachloride
Concen: 15.824 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. 0.01 min
Lab File: 20CC.D
Acq: 03 Oct 2019 14:05

Tgt Ion: 117 Resp: 76517
Ion Ratio Lower Upper
117 100
119 96.7 73.4 110.2
121 35.4 23.2 34.8#

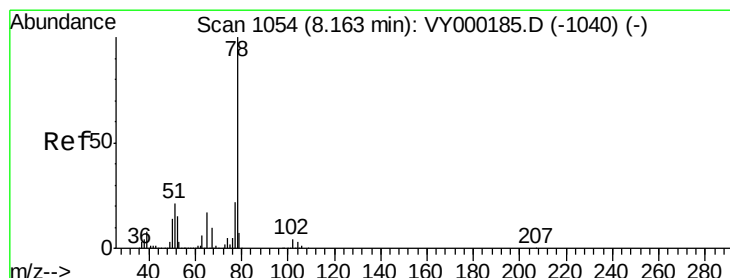
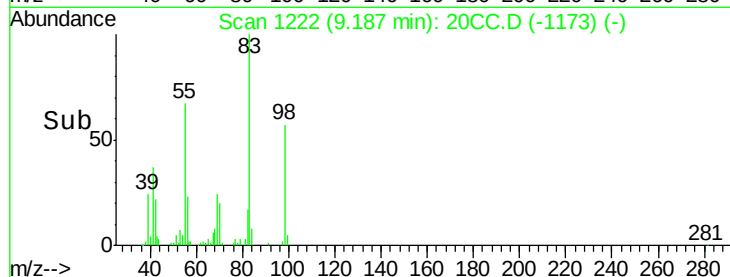
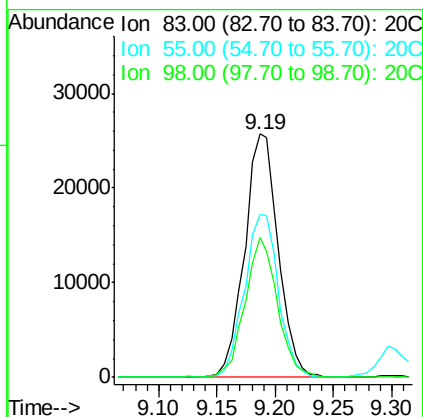
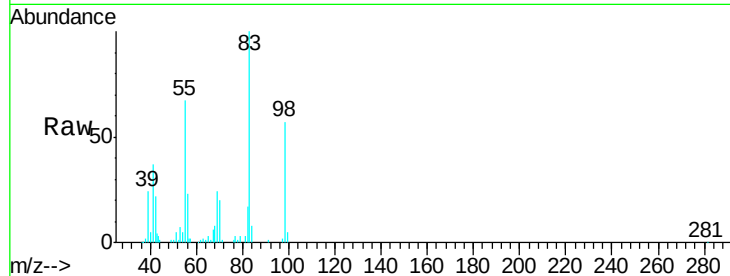




#39
Methylcyclohexane
Concen: 11.109 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: 20CC.D
Acq: 03 Oct 2019 14:05

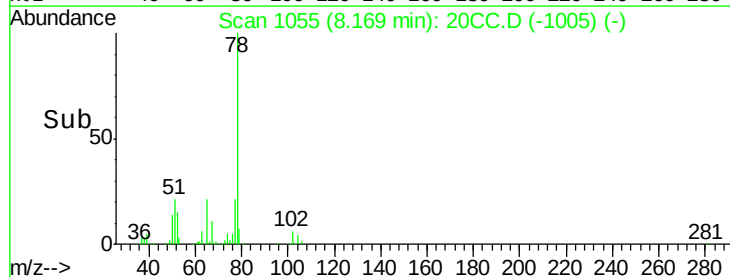
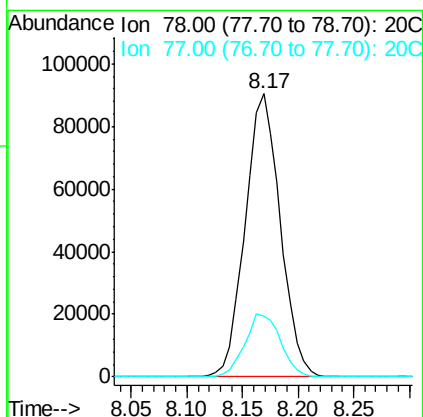
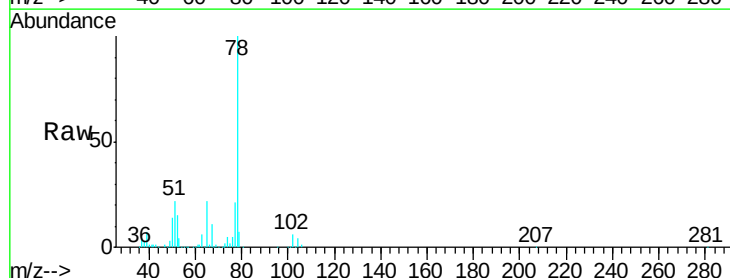
Instrument :
MSVOA_Y
ClientSampleId :

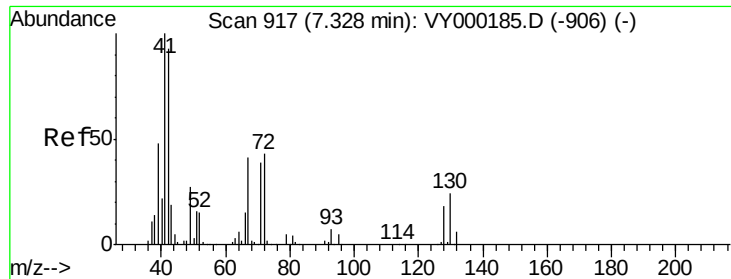
Tgt Ion: 83 Resp: 51711
Ion Ratio Lower Upper
83 100
55 67.1 52.4 78.6
98 57.5 41.7 62.5



#40
Benzene
Concen: 15.189 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. 0.01 min
Lab File: 20CC.D
Acq: 03 Oct 2019 14:05

Tgt Ion: 78 Resp: 198678
Ion Ratio Lower Upper
78 100
77 21.3 17.5 26.3

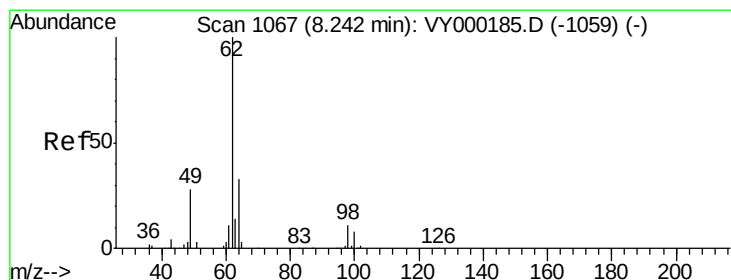
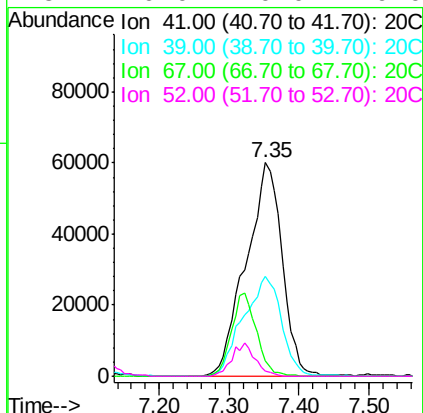
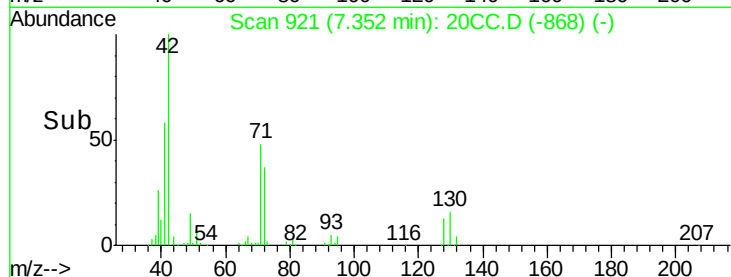
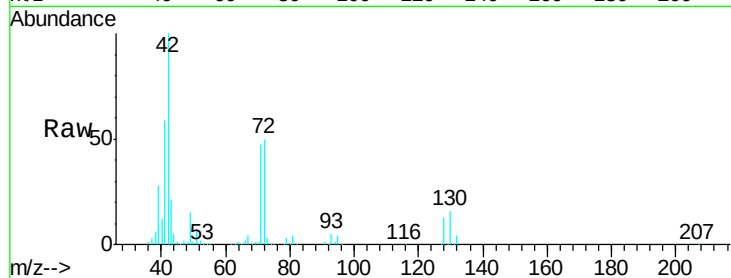




#41
Methacrylonitrile
Concen: 61.824 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.02 min
Lab File: 20CC.D
Acq: 03 Oct 2019 14:05

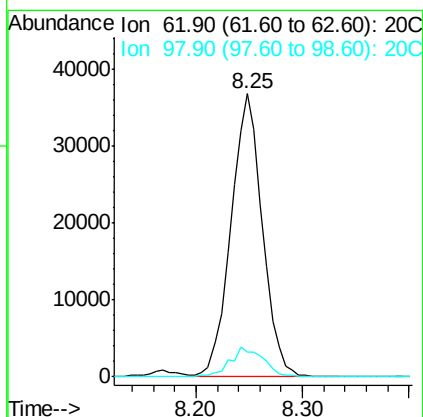
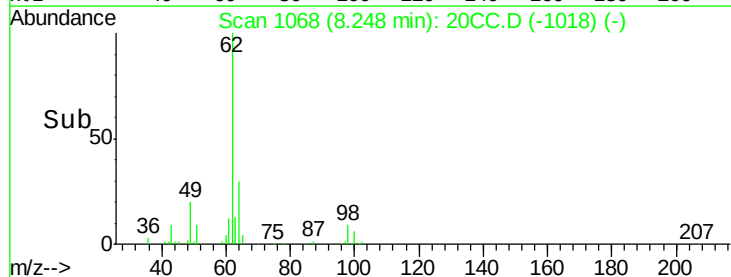
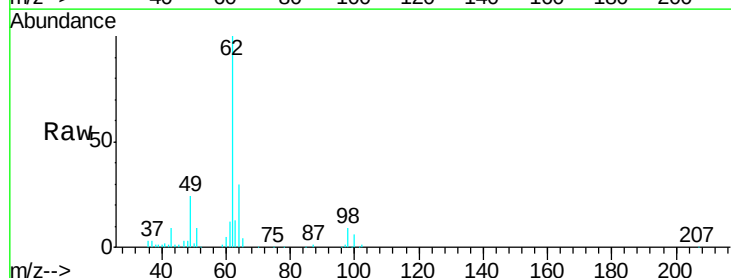
Instrument :
MSVOA_Y
ClientSampleId :

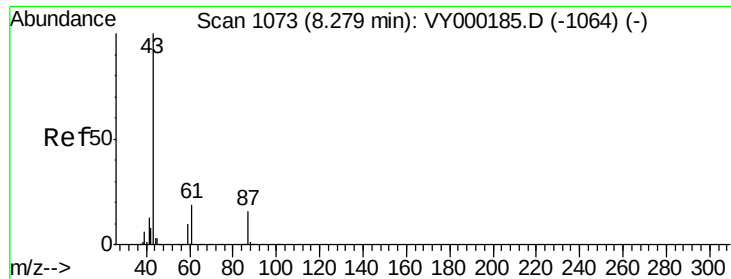
Tgt Ion: 41 Resp: 216104
Ion Ratio Lower Upper
41 100
39 49.3 125.4 188.0#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 16.745 ug/l
RT: 8.25 min Scan# 1068
Delta R.T. 0.01 min
Lab File: 20CC.D
Acq: 03 Oct 2019 14:05

Tgt Ion: 62 Resp: 76157
Ion Ratio Lower Upper
62 100
98 11.1 0.0 21.8



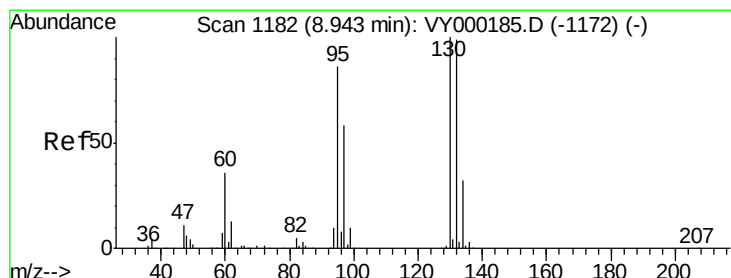
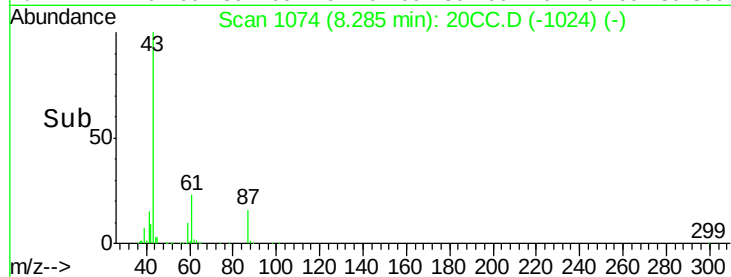
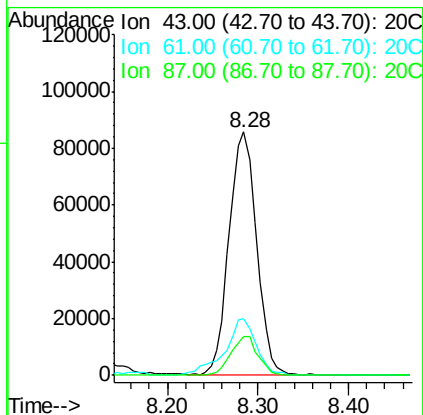
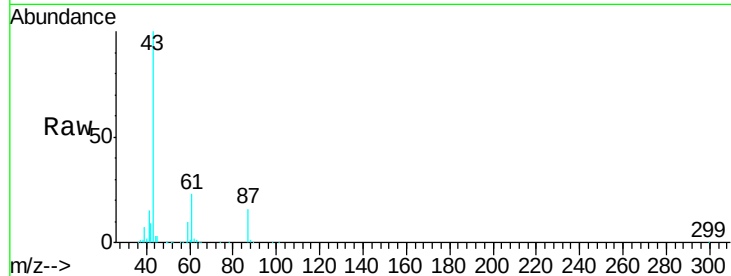


#43

Isopropyl Acetate
 Concen: 18.288 ug/l
 RT: 8.28 min Scan# 1074
 Delta R.T. 0.01 min
 Lab File: 20CC.D
 Acq: 03 Oct 2019 14:05

Instrument :
 MSVOA_Y
 ClientSampleId :

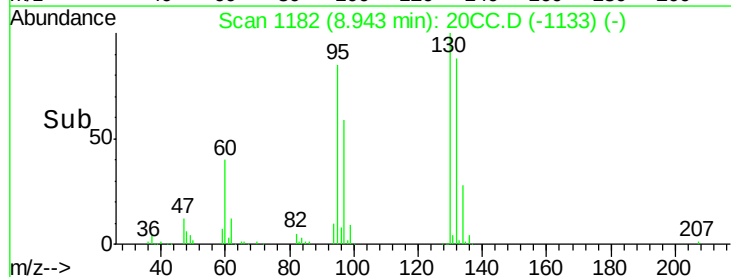
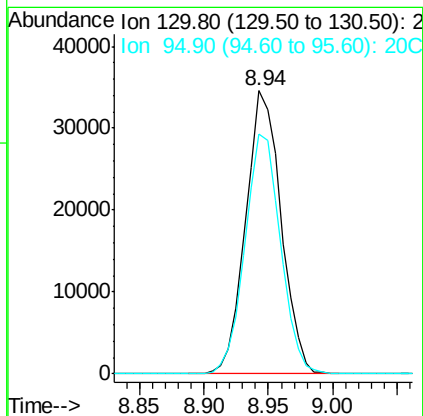
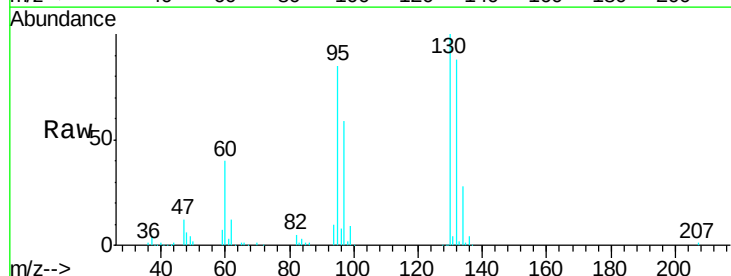
Tgt Ion: 43 Resp: 181823
 Ion Ratio Lower Upper
 43 100
 61 26.6 21.4 32.2
 87 15.5 12.6 19.0

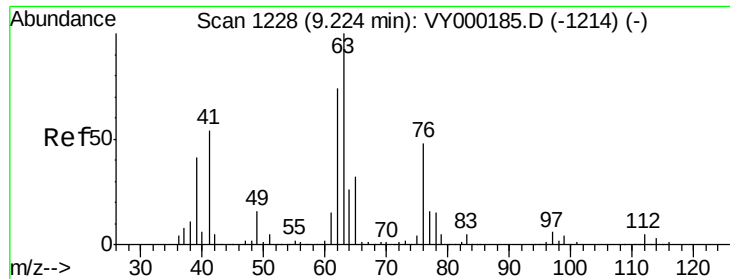


#44

Trichloroethene
 Concen: 16.086 ug/l
 RT: 8.94 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: 20CC.D
 Acq: 03 Oct 2019 14:05

Tgt Ion: 130 Resp: 65666
 Ion Ratio Lower Upper
 130 100
 95 84.5 0.0 171.6

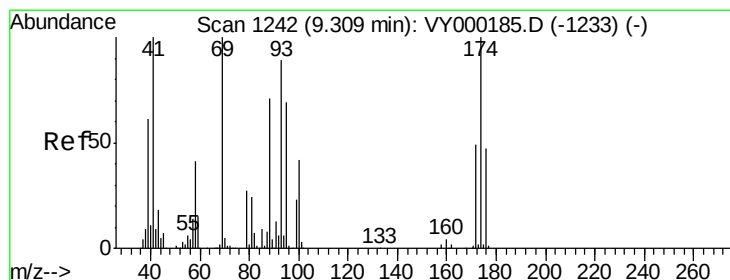
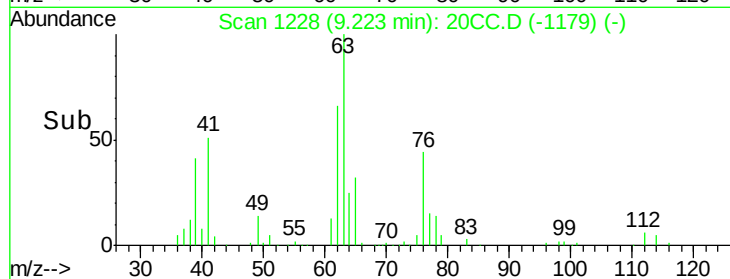
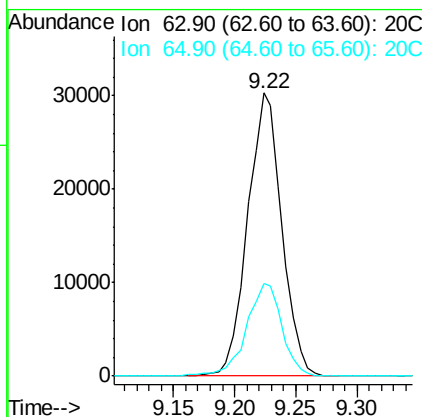
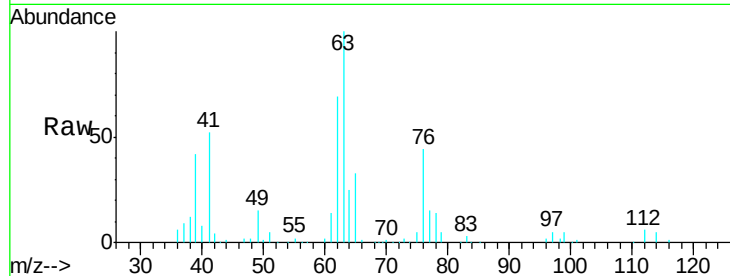




#45
 1,2-Dichloropropane
 Concen: 17.506 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. -0.00 min
 Lab File: 20CC.D
 Acq: 03 Oct 2019 14:05

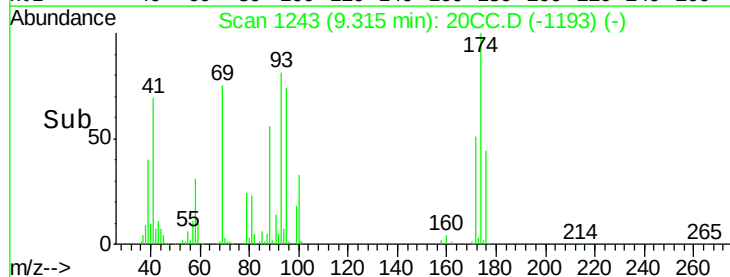
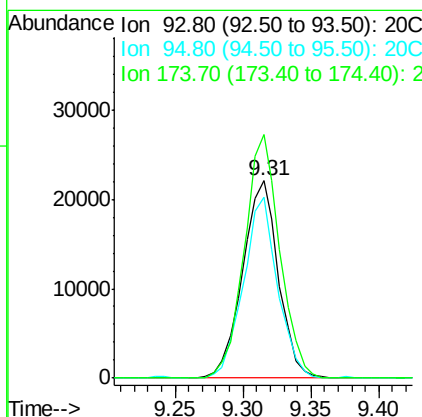
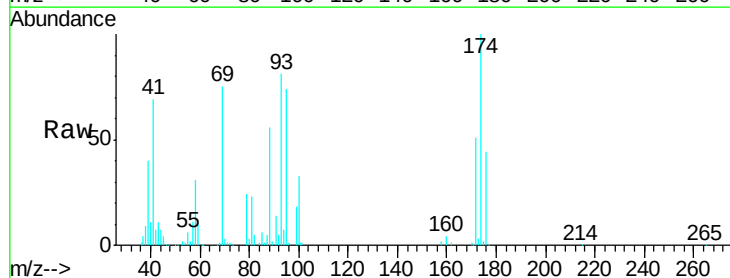
Instrument :
 MSVOA_Y
 ClientSampled :

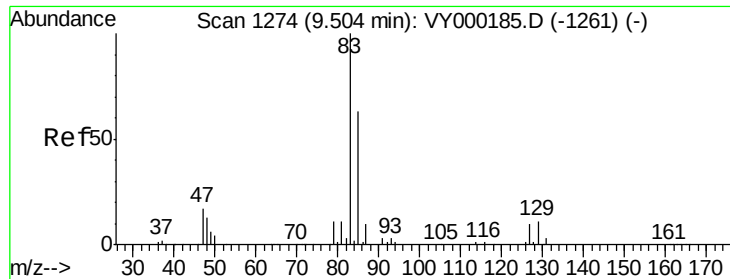
Tgt Ion: 63 Resp: 58729
 Ion Ratio Lower Upper
 63 100
 65 32.6 25.7 38.5



#46
 Dibromomethane
 Concen: 16.242 ug/l
 RT: 9.31 min Scan# 1243
 Delta R.T. 0.01 min
 Lab File: 20CC.D
 Acq: 03 Oct 2019 14:05

Tgt Ion: 93 Resp: 40554
 Ion Ratio Lower Upper
 93 100
 95 87.9 64.4 96.6
 174 122.2 95.1 142.7





#47

Bromodichloromethane

Concen: 18.519 ug/l

RT: 9.50 min Scan# 1274

Delta R.T. -0.00 min

Lab File: 20CC.D

Acq: 03 Oct 2019 14:05

Instrument :

MSVOA_Y

ClientSampleId :

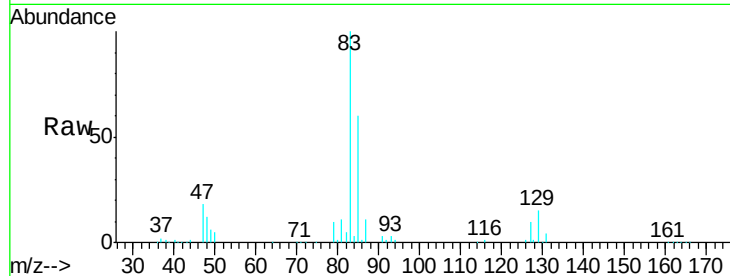
Tgt Ion: 83 Resp: 94461

Ion Ratio Lower Upper

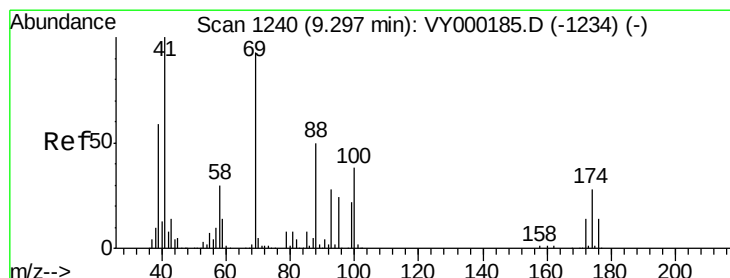
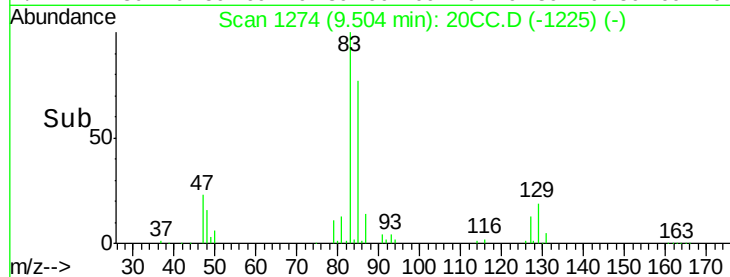
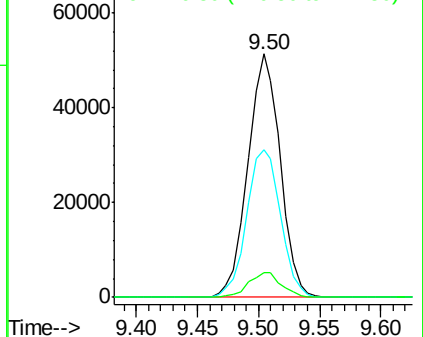
83 100

85 60.4 50.6 76.0

127 9.9 7.7 11.5



Abundance Ion 82.90 (82.60 to 83.60): 20C
Ion 84.90 (84.60 to 85.60): 20C
Ion 126.80 (126.50 to 127.50): 20C



#48

Methyl methacrylate

Concen: 17.518 ug/l

RT: 9.30 min Scan# 1241

Delta R.T. 0.01 min

Lab File: 20CC.D

Acq: 03 Oct 2019 14:05

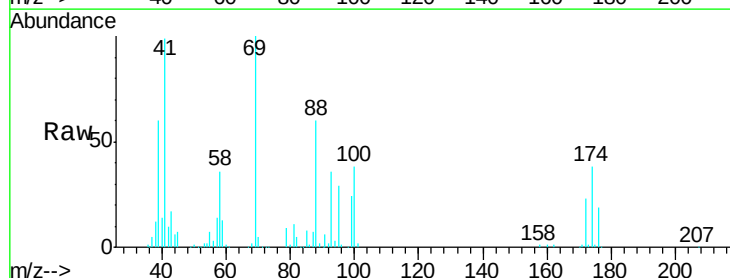
Tgt Ion: 41 Resp: 77600

Ion Ratio Lower Upper

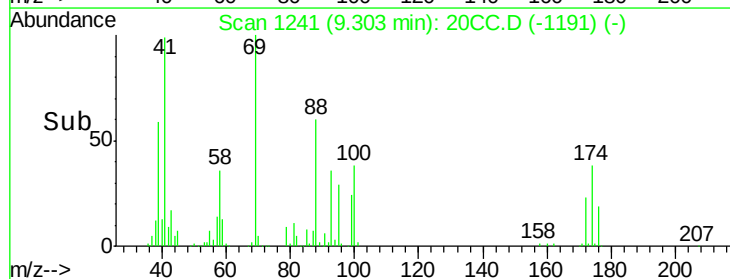
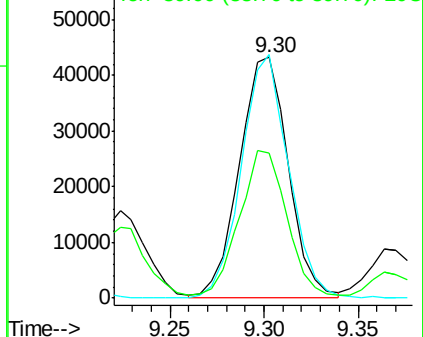
41 100

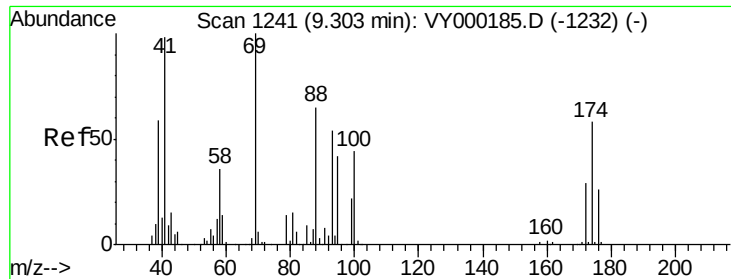
69 97.4 76.5 114.7

39 60.0 49.2 73.8



Abundance Ion 41.00 (40.70 to 41.70): 20C
Ion 69.00 (68.70 to 69.70): 20C
Ion 39.00 (38.70 to 39.70): 20C

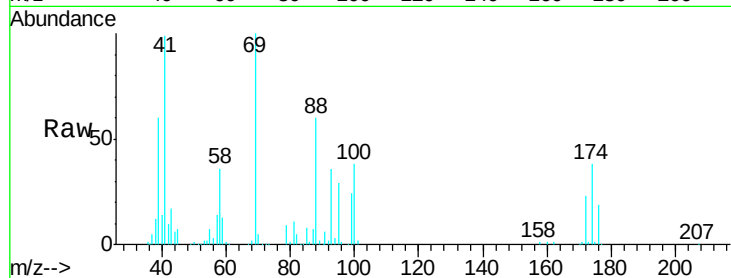




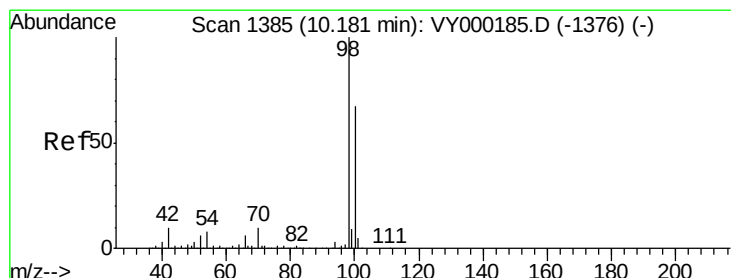
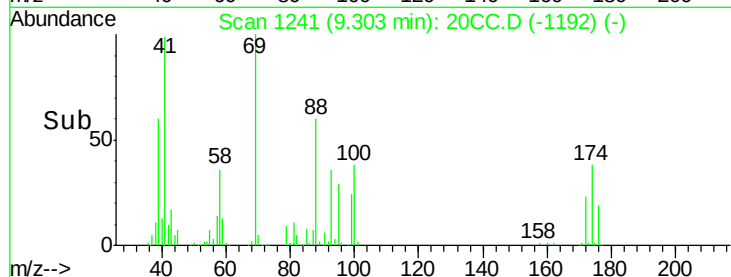
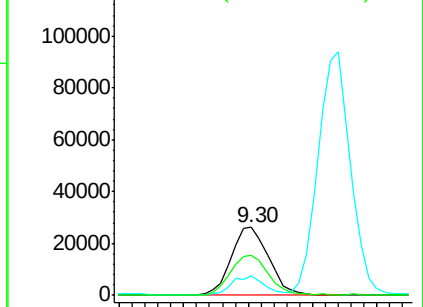
#49
 1,4-Dioxane
 Concen: 385.732 ug/l
 RT: 9.30 min Scan# 1241
 Delta R.T. -0.00 min
 Lab File: 20CC.D
 Acq: 03 Oct 2019 14:05

Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion: 88 Resp: 53267
 Ion Ratio Lower Upper
 88 100
 43 25.6 20.4 30.6
 58 59.8 49.0 73.4

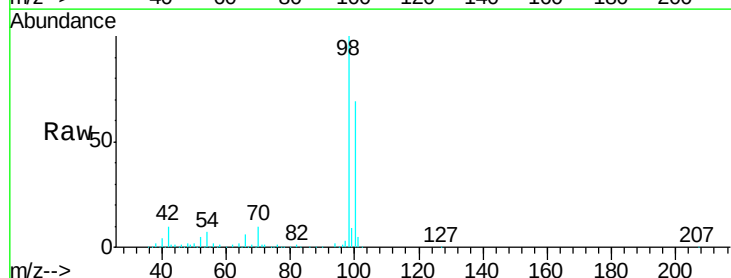


Abundance Ion 88.00 (87.70 to 88.70): 20C
 Ion 43.00 (42.70 to 43.70): 20C
 Ion 58.00 (57.70 to 58.70): 20C

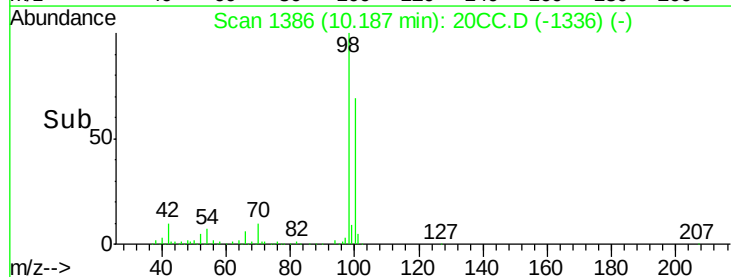
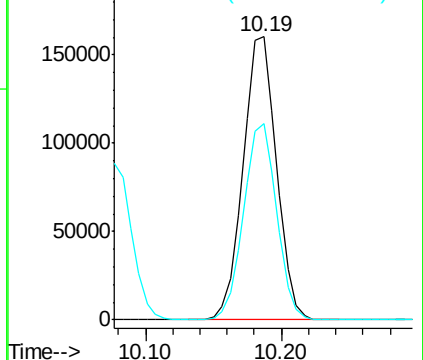


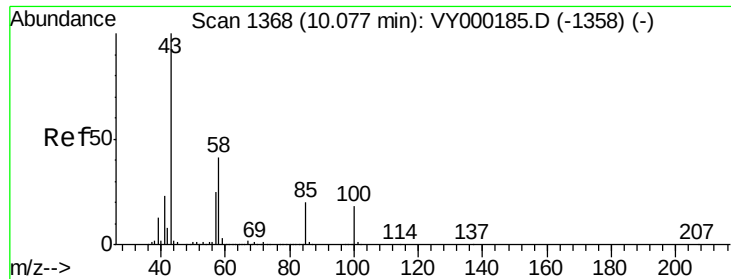
#50
 Toluene-d8
 Concen: 19.352 ug/l
 RT: 10.19 min Scan# 1386
 Delta R.T. 0.01 min
 Lab File: 20CC.D
 Acq: 03 Oct 2019 14:05

Tgt Ion: 98 Resp: 275605
 Ion Ratio Lower Upper
 98 100
 100 68.8 53.9 80.9



Abundance Ion 98.00 (97.70 to 98.70): 20C
 Ion 100.00 (99.70 to 100.70): 20C

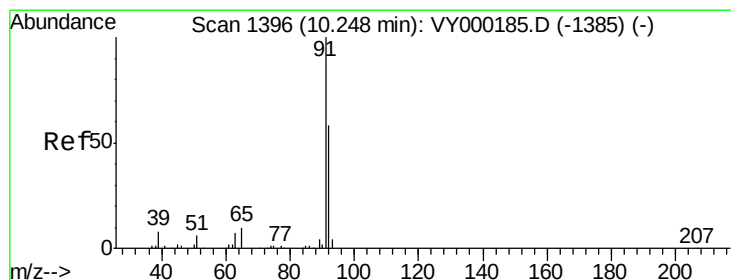
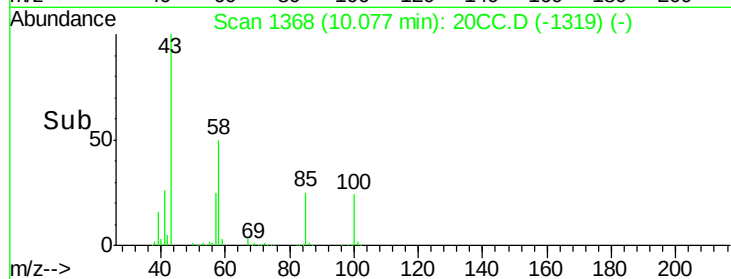
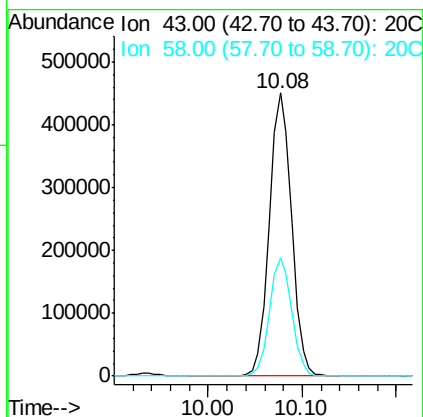
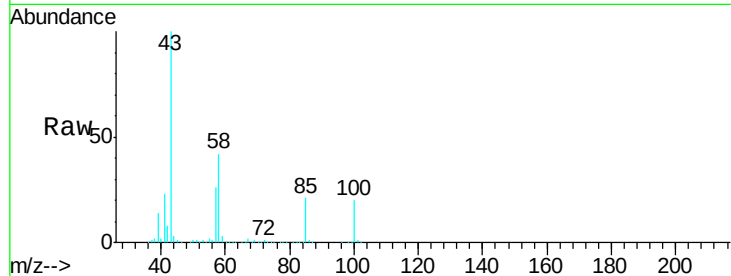




#51
 4-Methyl-2-Pentanone
 Concen: 94.975 ug/l
 RT: 10.08 min Scan# 1368
 Delta R.T. -0.00 min
 Lab File: 20CC.D
 Acq: 03 Oct 2019 14:05

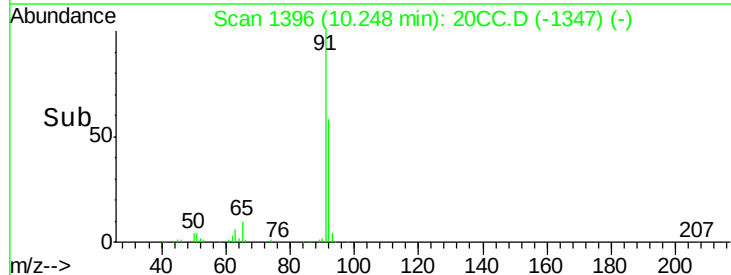
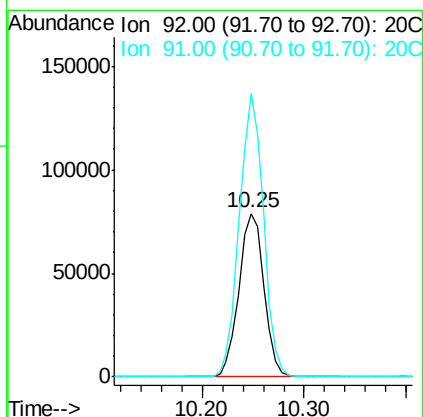
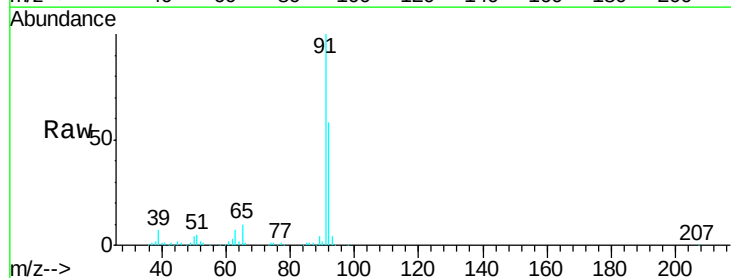
Instrument :
 MSVOA_Y
 ClientSampled :

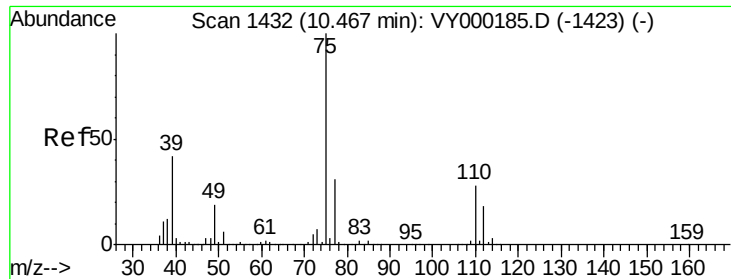
Tgt Ion: 43 Resp: 744510
 Ion Ratio Lower Upper
 43 100
 58 41.8 32.6 49.0



#52
 Toluene
 Concen: 15.425 ug/l
 RT: 10.25 min Scan# 1396
 Delta R.T. -0.00 min
 Lab File: 20CC.D
 Acq: 03 Oct 2019 14:05

Tgt Ion: 92 Resp: 133442
 Ion Ratio Lower Upper
 92 100
 91 167.6 136.9 205.3





#53

t-1,3-Dichloropropene

Concen: 17.468 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.00 min

Lab File: 20CC.D

Acq: 03 Oct 2019 14:05

Instrument :

MSVOA_Y

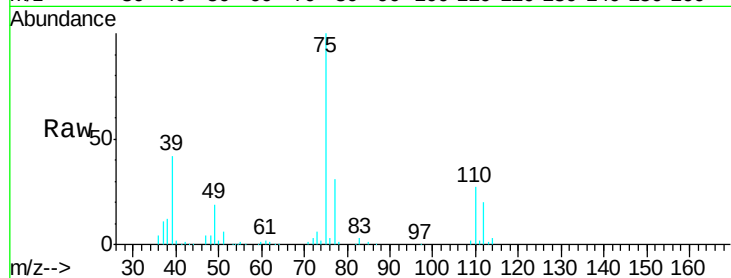
ClientSampleId :

Tgt Ion: 75 Resp: 97841

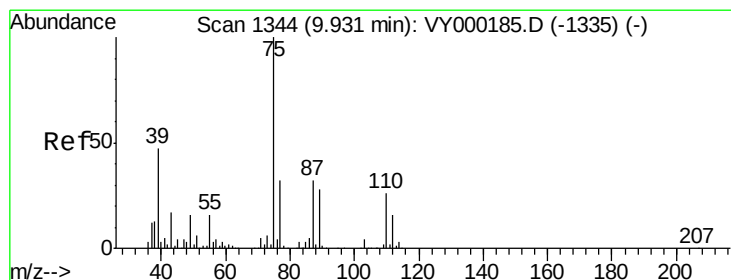
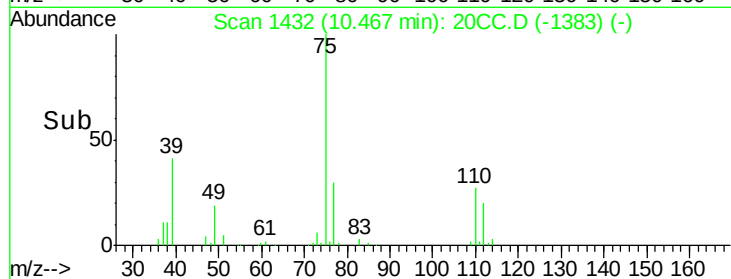
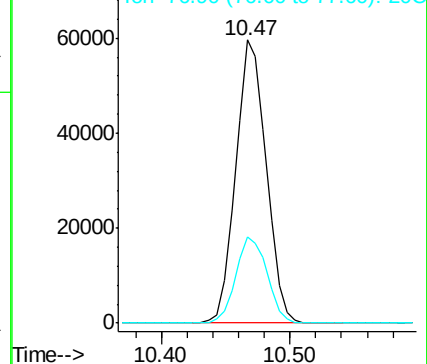
Ion Ratio Lower Upper

75 100

77 30.6 24.8 37.2



Abundance Ion 74.90 (74.60 to 75.60): 20C
Ion 76.90 (76.60 to 77.60): 20C



#54

cis-1,3-Dichloropropene

Concen: 16.819 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. -0.00 min

Lab File: 20CC.D

Acq: 03 Oct 2019 14:05

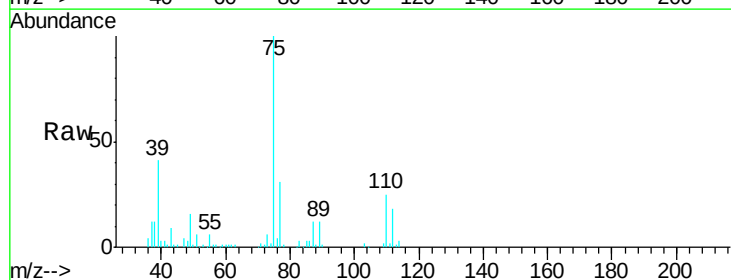
Tgt Ion: 75 Resp: 98235

Ion Ratio Lower Upper

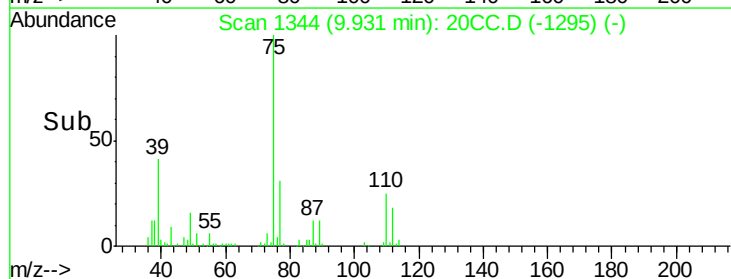
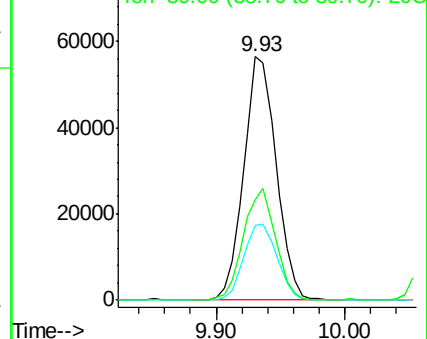
75 100

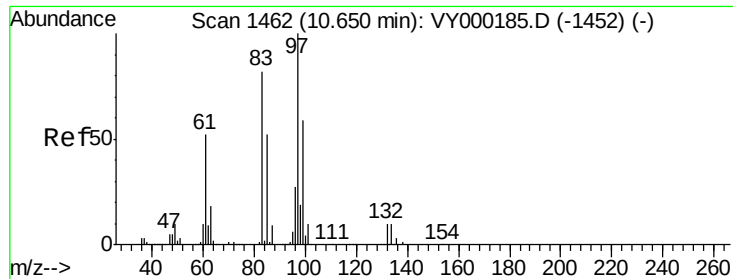
77 30.7 26.0 39.0

39 41.1 37.2 55.8



Abundance Ion 74.90 (74.60 to 75.60): 20C
Ion 76.90 (76.60 to 77.60): 20C
Ion 39.00 (38.70 to 39.70): 20C

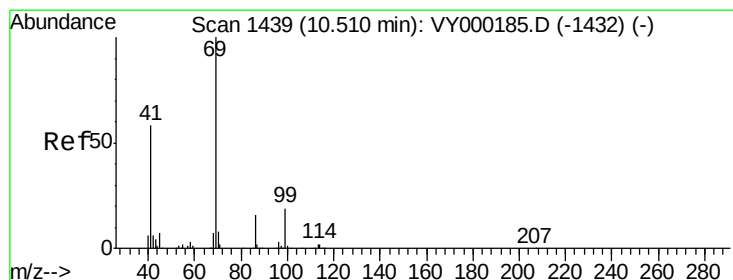
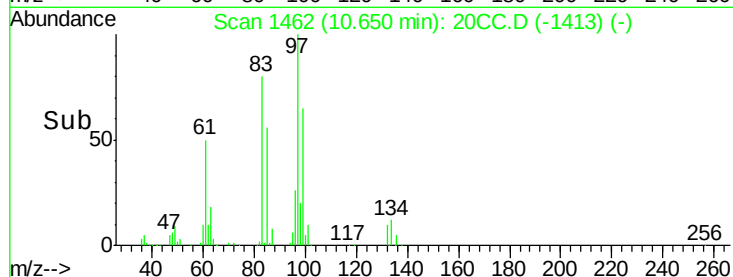
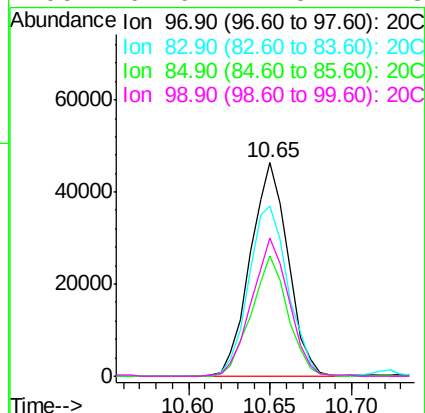
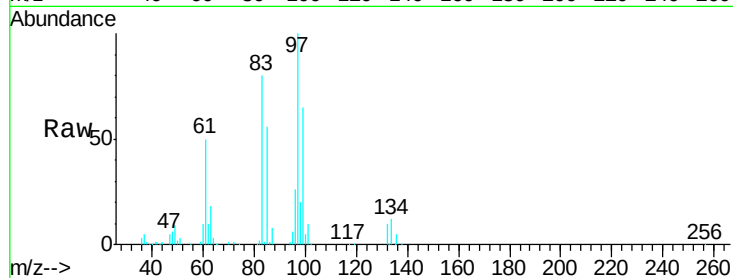




#55
 1,1,2-Trichloroethane
 Concen: 18.770 ug/l
 RT: 10.65 min Scan# 1462
 Delta R.T. -0.00 min
 Lab File: 20CC.D
 Acq: 03 Oct 2019 14:05

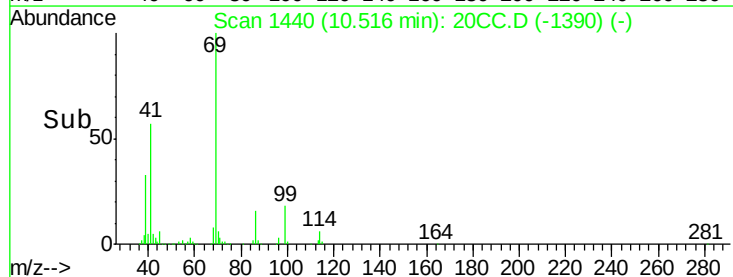
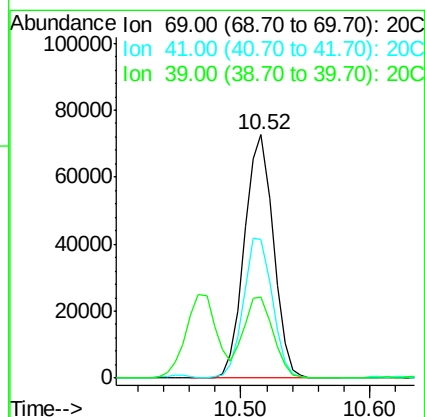
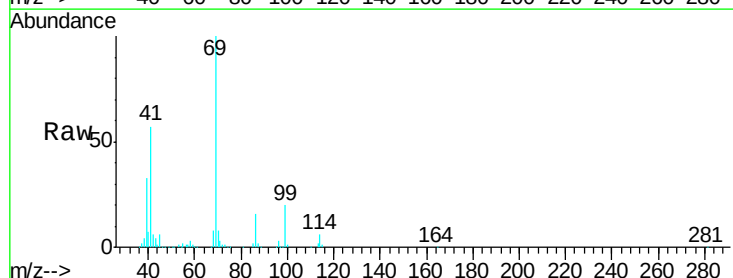
Instrument :
 MSVOA_Y
 ClientSampleId :

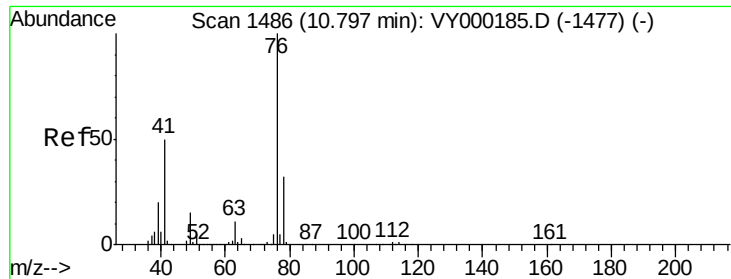
Tgt Ion:	97	Resp:	74667
Ion	Ratio	Lower	Upper
97	100		
83	79.8	65.4	98.2
85	56.3	41.4	62.0
99	64.6	47.5	71.3



#56
 Ethyl methacrylate
 Concen: 18.242 ug/l
 RT: 10.52 min Scan# 1440
 Delta R.T. 0.01 min
 Lab File: 20CC.D
 Acq: 03 Oct 2019 14:05

Tgt Ion:	69	Resp:	112628
Ion	Ratio	Lower	Upper
69	100		
41	57.4	48.1	72.1
39	34.1	27.2	40.8

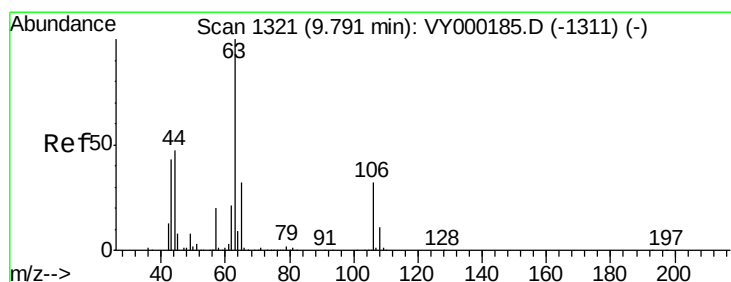
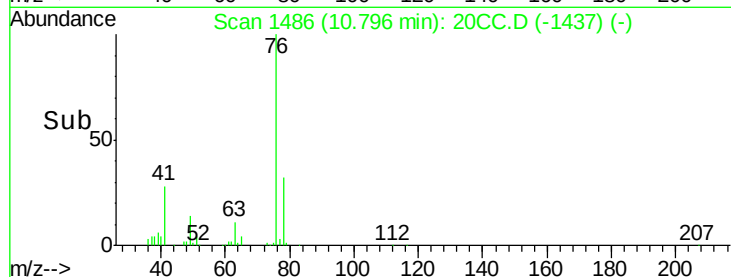
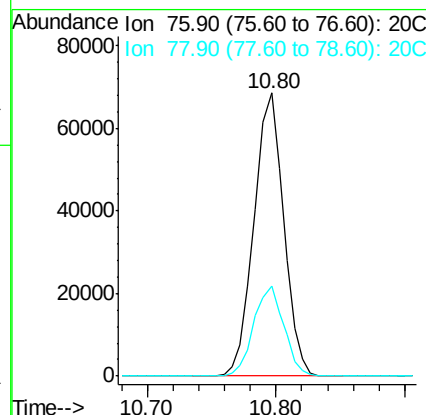
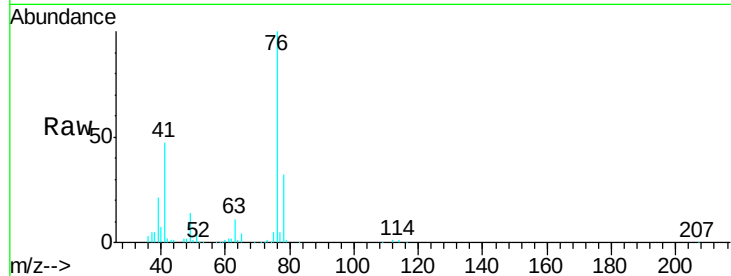




#57
 1,3-Dichloropropane
 Concen: 17.596 ug/l
 RT: 10.80 min Scan# 1486
 Delta R.T. -0.00 min
 Lab File: 20CC.D
 Acq: 03 Oct 2019 14:05

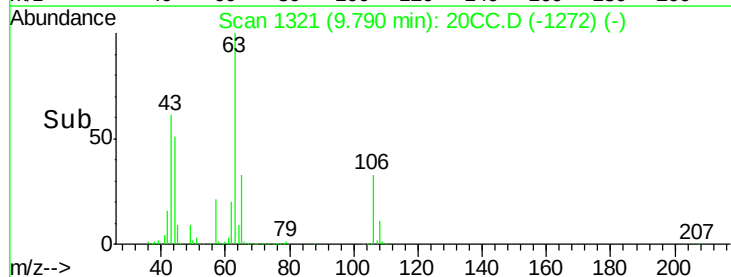
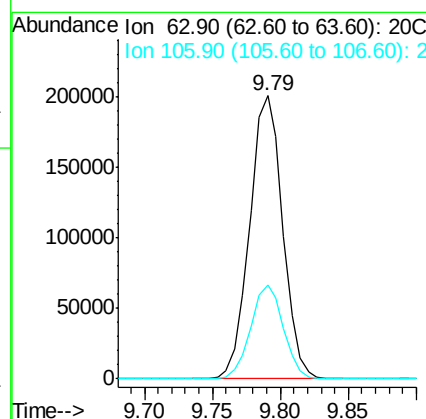
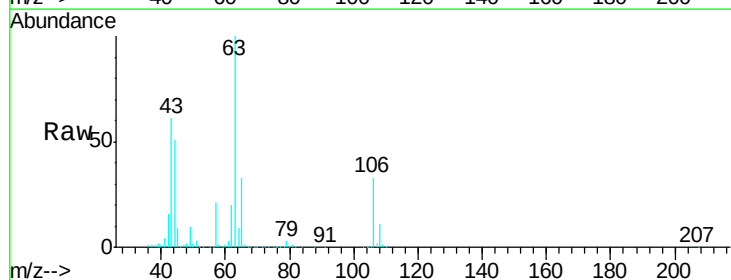
Instrument :
 MSVOA_Y
 ClientSampleId :

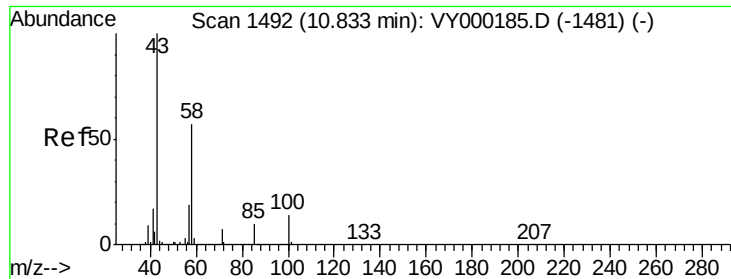
Tgt Ion: 76 Resp: 108951
 Ion Ratio Lower Upper
 76 100
 78 32.6 26.4 39.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 108.227 ug/l
 RT: 9.79 min Scan# 1321
 Delta R.T. -0.00 min
 Lab File: 20CC.D
 Acq: 03 Oct 2019 14:05

Tgt Ion: 63 Resp: 340952
 Ion Ratio Lower Upper
 63 100
 106 32.9 25.8 38.6

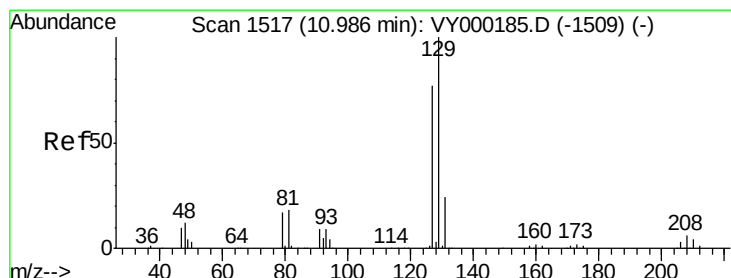
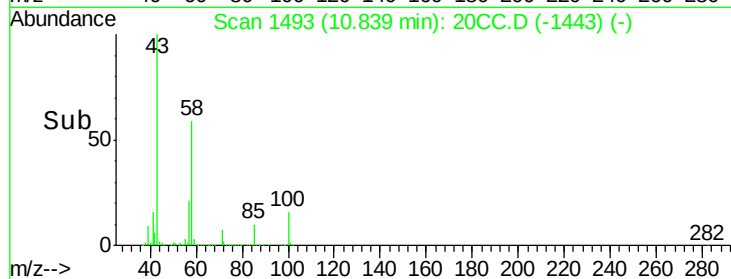
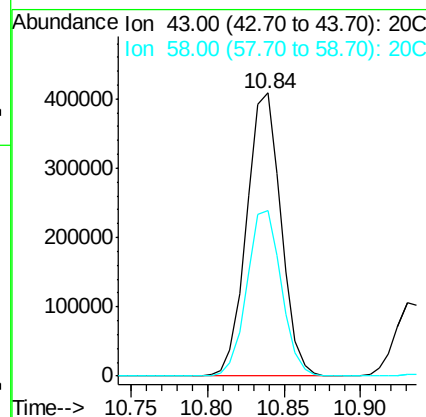
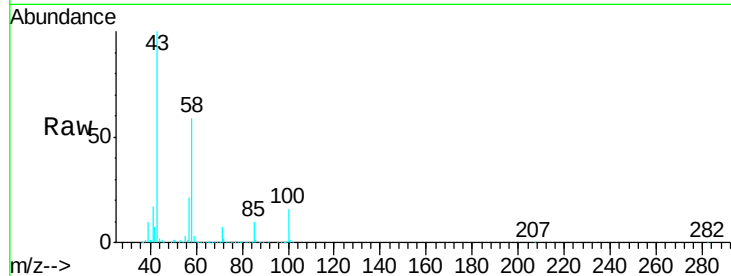




#59
2-Hexanone
Concen: 96.755 ug/l
RT: 10.84 min Scan# 1493
Delta R.T. 0.01 min
Lab File: 20CC.D
Acq: 03 Oct 2019 14:05

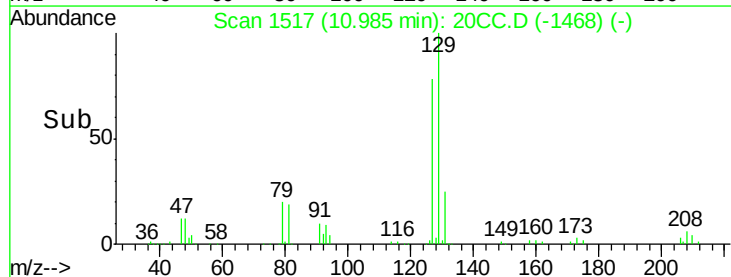
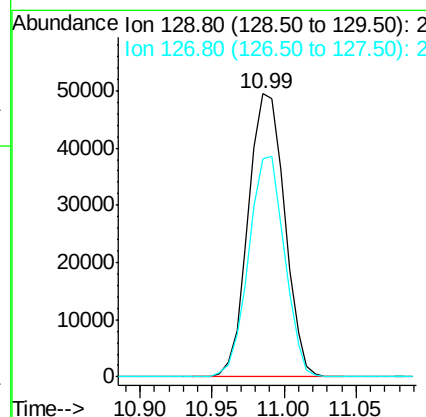
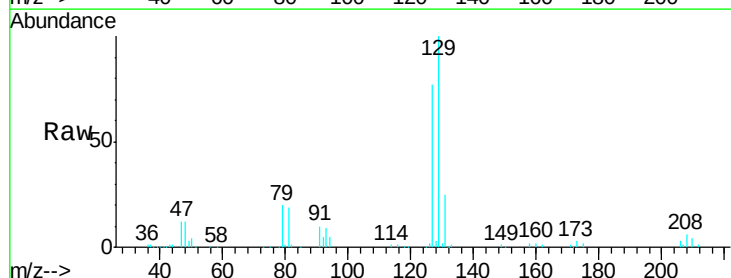
Instrument :
MSVOA_Y
ClientSampleId :

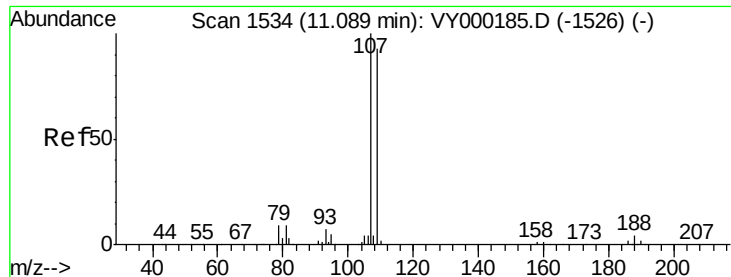
Tgt Ion: 43 Resp: 638950
Ion Ratio Lower Upper
43 100
58 58.6 28.6 85.8



#60
Dibromochloromethane
Concen: 18.945 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: 20CC.D
Acq: 03 Oct 2019 14:05

Tgt Ion: 129 Resp: 86696
Ion Ratio Lower Upper
129 100
127 76.4 38.3 114.8





#61

1,2-Dibromoethane

Concen: 17.513 ug/l

RT: 11.10 min Scan# 1535

Delta R.T. 0.01 min

Lab File: 20CC.D

Acq: 03 Oct 2019 14:05

Instrument :

MSVOA_Y

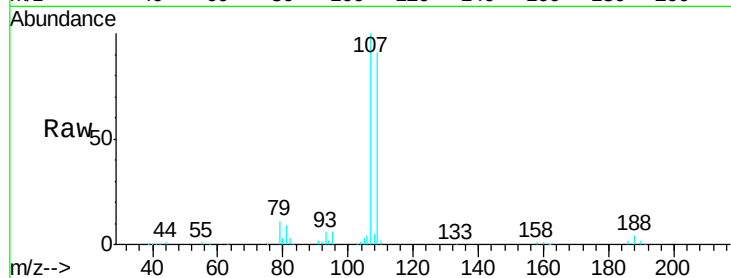
ClientSampleId :

Tgt Ion: 107 Resp: 70638

Ion Ratio Lower Upper

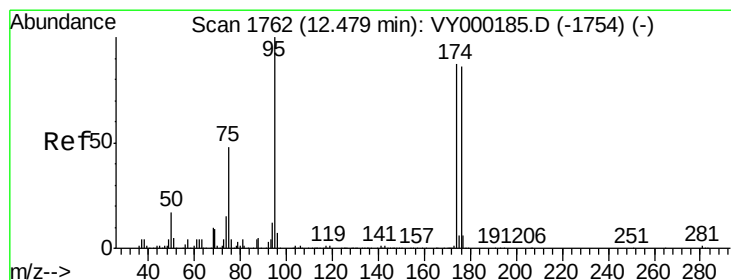
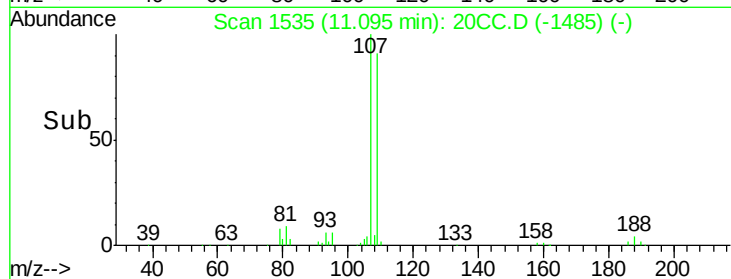
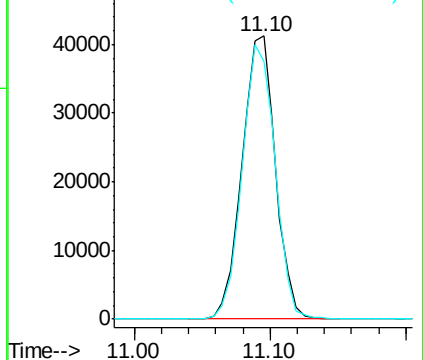
107 100

109 95.9 75.9 113.9



Abundance Ion 106.90 (106.60 to 107.60): 2

Ion 108.80 (108.50 to 109.50): 2



#62

4-Bromofluorobenzene

Concen: 19.850 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: 20CC.D

Acq: 03 Oct 2019 14:05

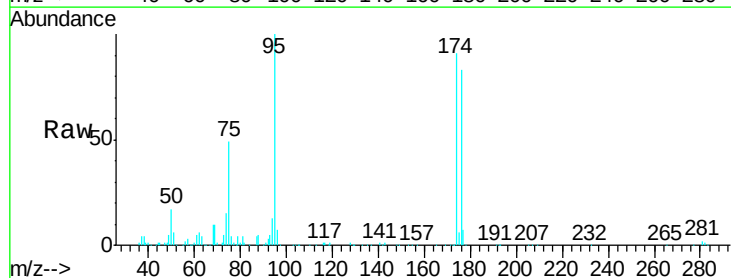
Tgt Ion: 95 Resp: 98702

Ion Ratio Lower Upper

95 100

174 95.8 0.0 188.6

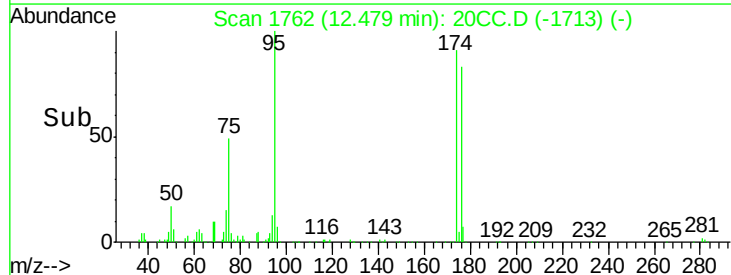
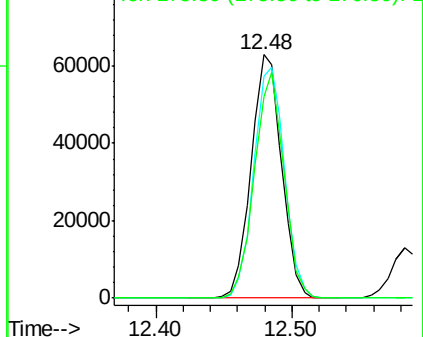
176 90.5 0.0 183.6

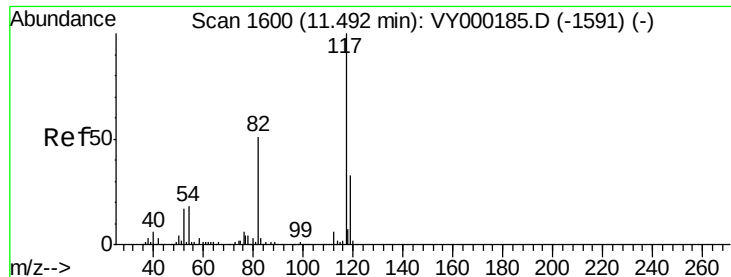


Abundance Ion 94.90 (94.60 to 95.60): 20C

Ion 173.80 (173.50 to 174.50): 2

Ion 175.80 (175.50 to 176.50): 2

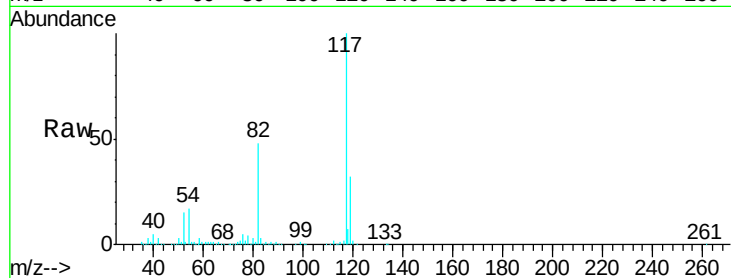




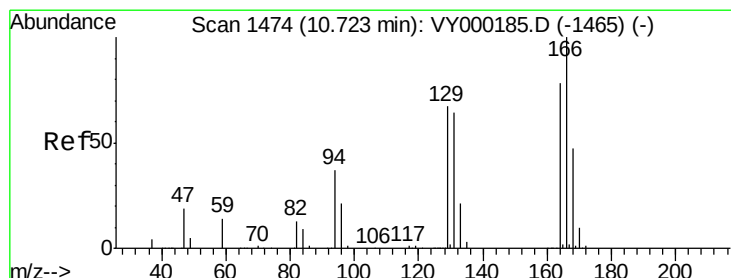
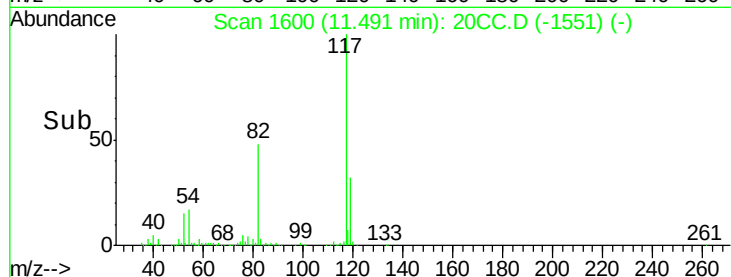
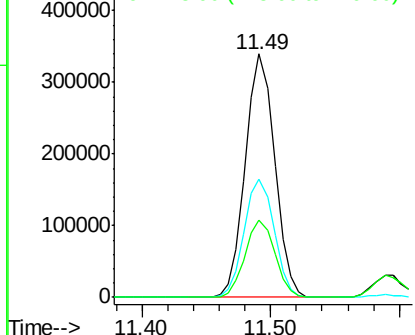
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: 20CC.D
Acq: 03 Oct 2019 14:05

Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion:117 Resp: 536453
Ion Ratio Lower Upper
117 100
82 48.3 41.0 61.4
119 31.6 26.2 39.2



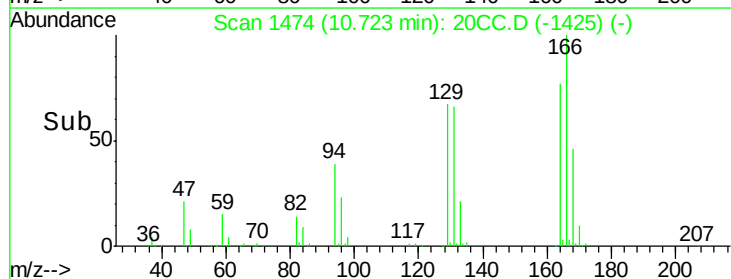
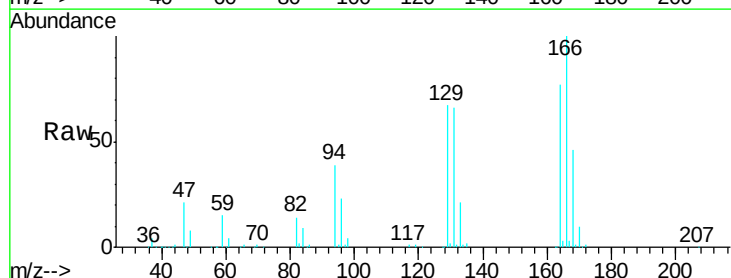
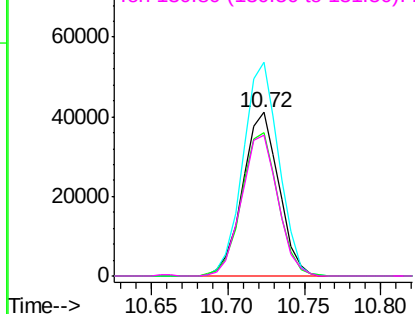
Abundance Ion 116.90 (116.60 to 117.60): 2
Ion 82.00 (81.70 to 82.70): 200
Ion 118.90 (118.60 to 119.60): 2

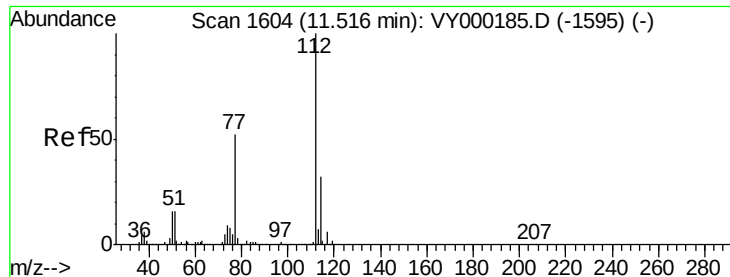


#64
Tetrachloroethene
Concen: 16.122 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. -0.00 min
Lab File: 20CC.D
Acq: 03 Oct 2019 14:05

Tgt Ion:164 Resp: 67364
Ion Ratio Lower Upper
164 100
166 130.7 103.2 154.8
129 87.8 69.0 103.4
131 86.0 66.4 99.6

Abundance Ion 163.80 (163.50 to 164.50): 2
Ion 165.80 (165.50 to 166.50): 2
Ion 128.80 (128.50 to 129.50): 2
Ion 130.80 (130.50 to 131.50): 2

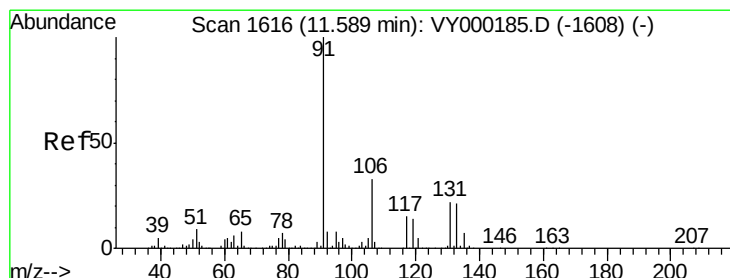
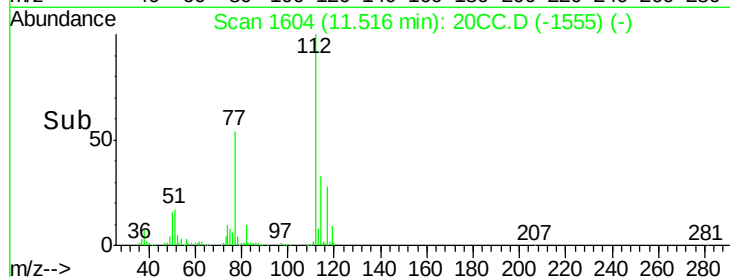
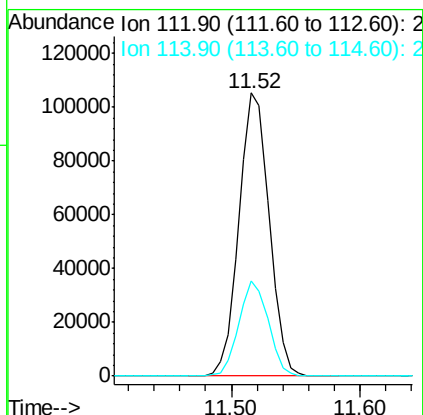
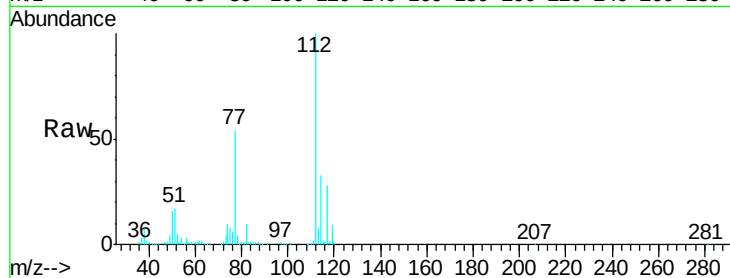




#65
Chlorobenzene
Concen: 16.805 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: 20CC.D
Acq: 03 Oct 2019 14:05

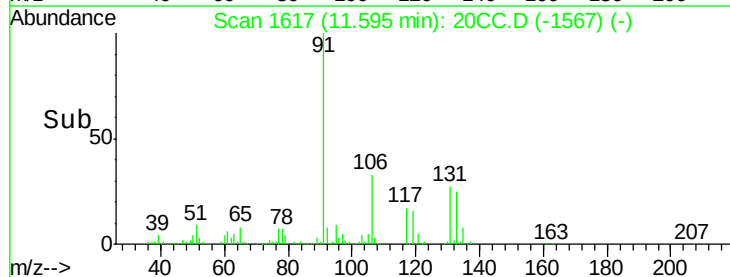
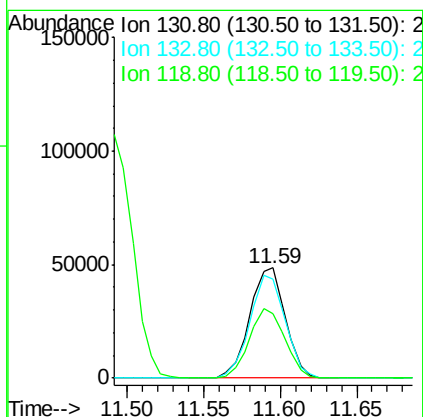
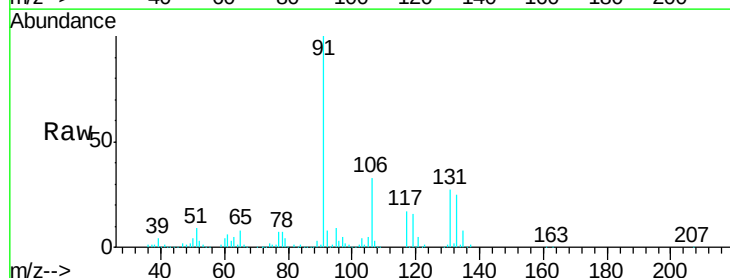
Instrument :
MSVOA_Y
ClientSampled :

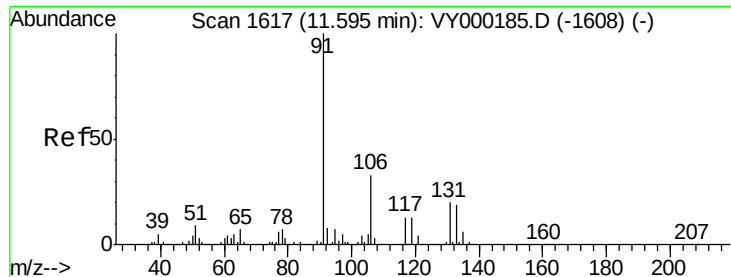
Tgt Ion:112 Resp: 170972
Ion Ratio Lower Upper
112 100
114 33.5 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 18.891 ug/l
RT: 11.59 min Scan# 1617
Delta R.T. 0.01 min
Lab File: 20CC.D
Acq: 03 Oct 2019 14:05

Tgt Ion:131 Resp: 79256
Ion Ratio Lower Upper
131 100
133 92.5 47.4 142.3
119 62.3 32.6 98.0





#67

Ethyl Benzene

Concen: 16.050 ug/l

RT: 11.59 min Scan# 1617

Delta R.T. -0.00 min

Lab File: 20CC.D

Acq: 03 Oct 2019 14:05

Instrument :

MSVOA_Y

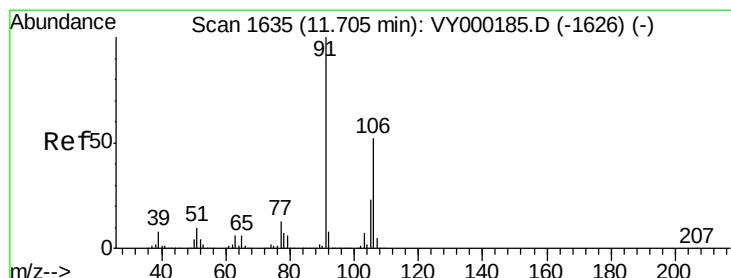
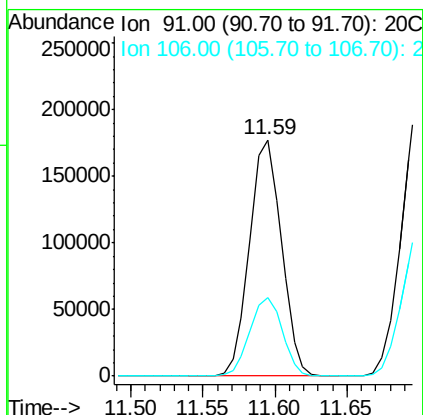
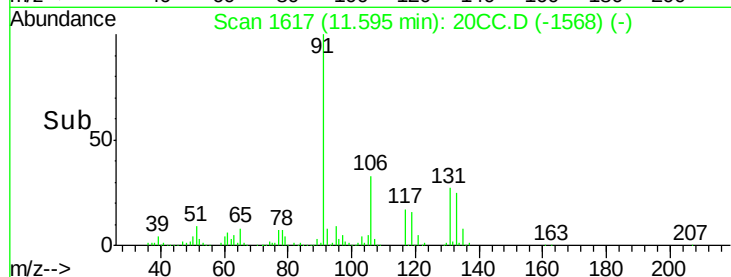
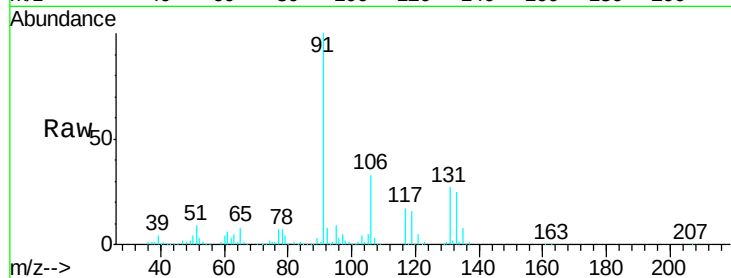
ClientSampleId :

Tgt Ion: 91 Resp: 272452

Ion Ratio Lower Upper

91 100

106 33.3 26.3 39.5



#68

m/p-Xylenes

Concen: 32.620 ug/l

RT: 11.70 min Scan# 1635

Delta R.T. -0.00 min

Lab File: 20CC.D

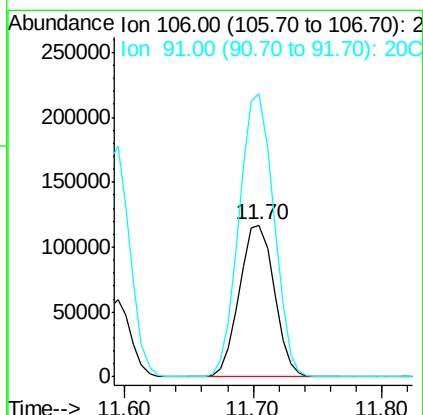
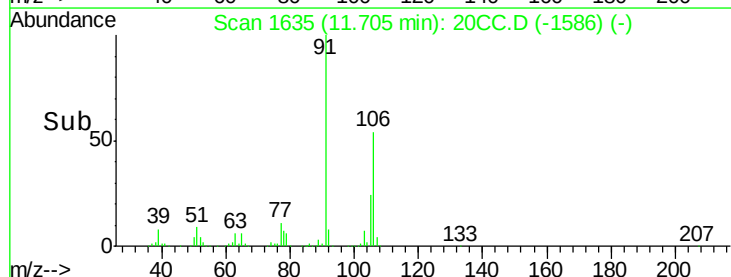
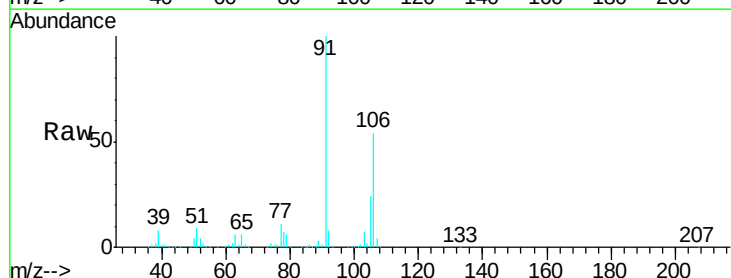
Acq: 03 Oct 2019 14:05

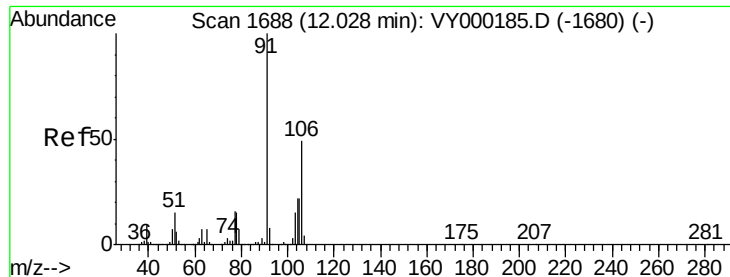
Tgt Ion: 106 Resp: 219705

Ion Ratio Lower Upper

106 100

91 185.5 151.7 227.5

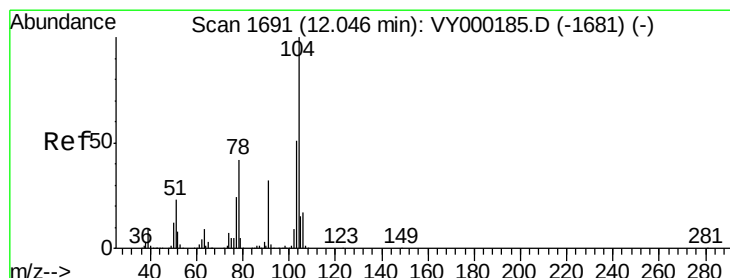
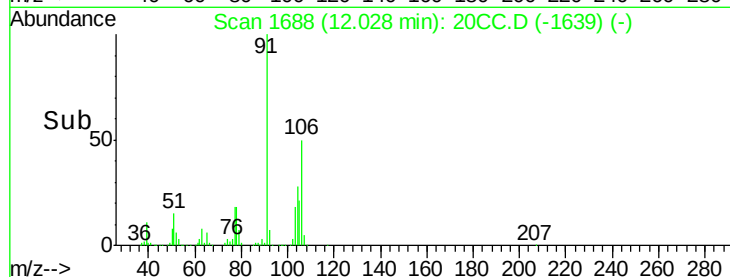
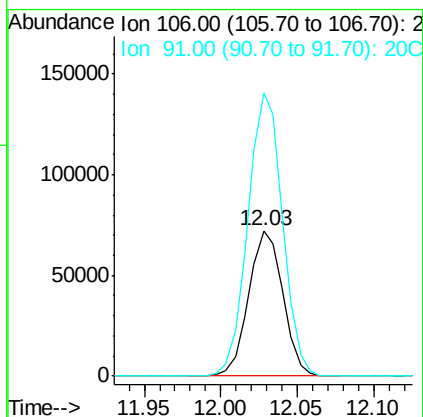
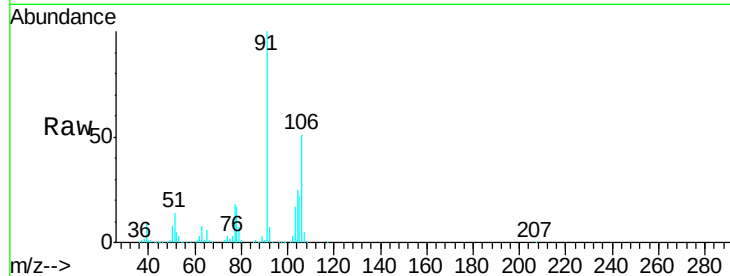




#69
o-Xylene
Concen: 16.645 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: 20CC.D
Acq: 03 Oct 2019 14:05

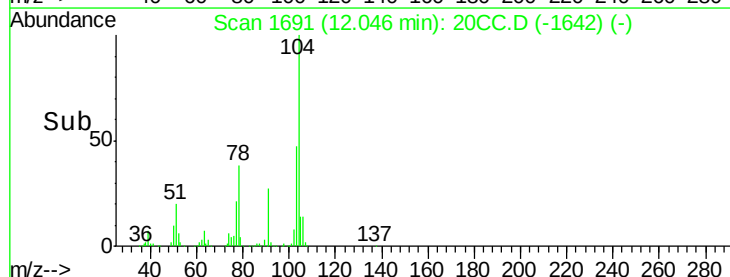
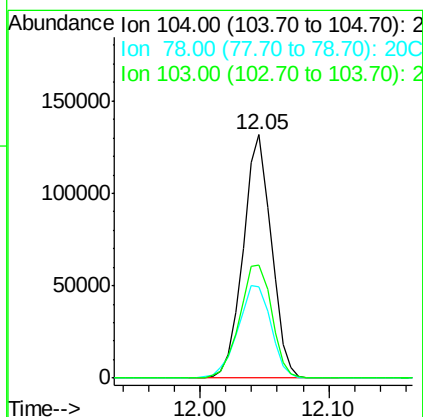
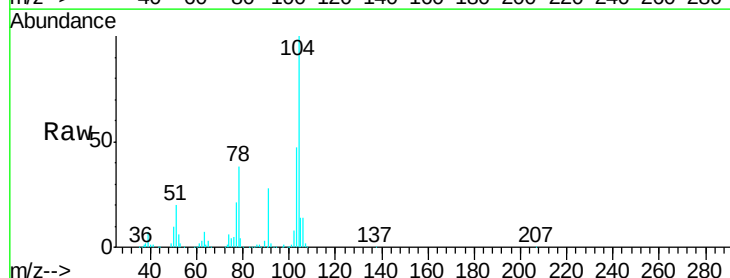
Instrument :
MSVOA_Y
ClientSampleId :

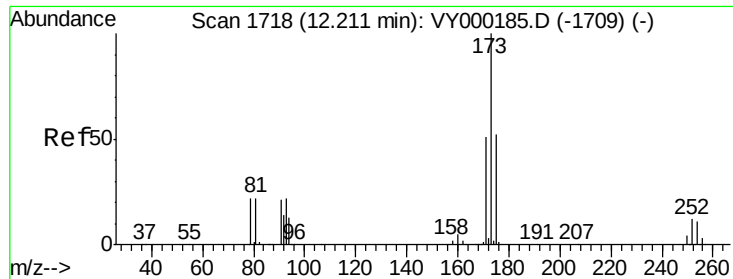
Tgt Ion:106 Resp: 112360
Ion Ratio Lower Upper
106 100
91 197.0 98.7 296.1



#70
Styrene
Concen: 17.091 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. -0.00 min
Lab File: 20CC.D
Acq: 03 Oct 2019 14:05

Tgt Ion:104 Resp: 198686
Ion Ratio Lower Upper
104 100
78 44.7 36.3 54.5
103 53.4 43.1 64.7





#71

Bromoform

Concen: 18.895 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. -0.01 min

Lab File: 20CC.D

Acq: 03 Oct 2019 14:05

Instrument :

MSVOA_Y

ClientSampleId :

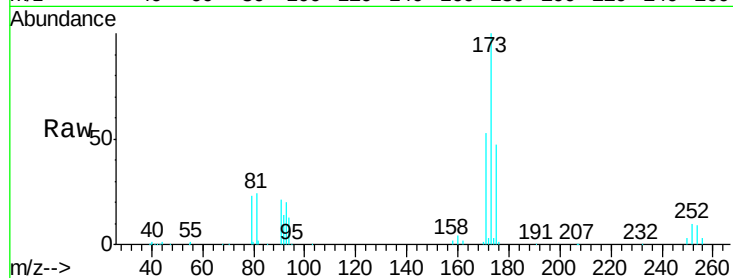
Tgt Ion:173 Resp: 73026

Ion Ratio Lower Upper

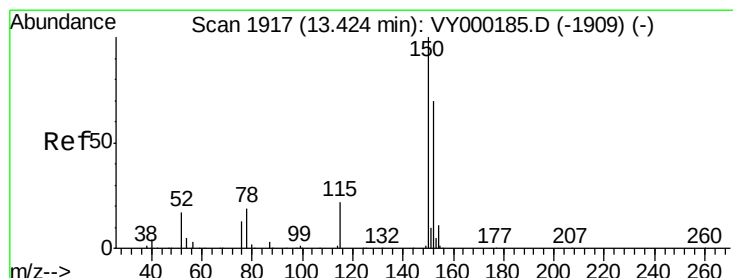
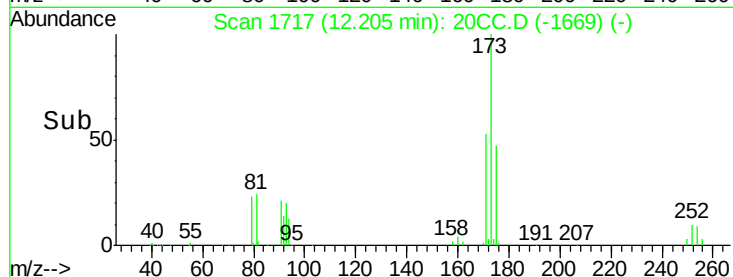
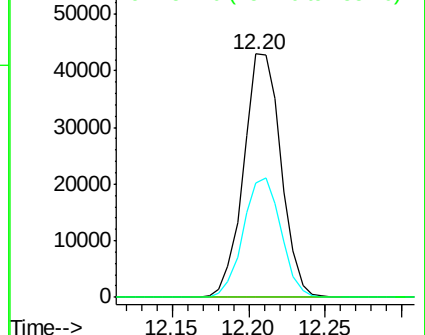
173 100

175 49.5 24.5 73.5

254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): 2
Ion 174.70 (174.40 to 175.40): 2
Ion 254.40 (254.10 to 255.10): 2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. -0.00 min

Lab File: 20CC.D

Acq: 03 Oct 2019 14:05

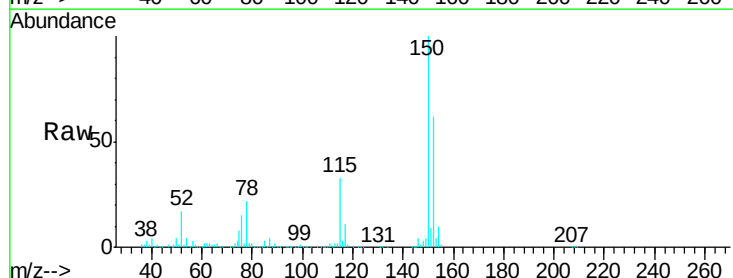
Tgt Ion:152 Resp: 272766

Ion Ratio Lower Upper

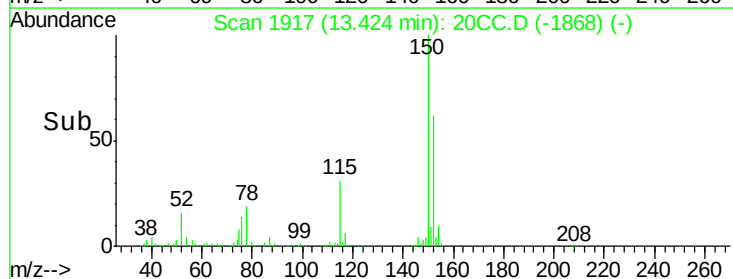
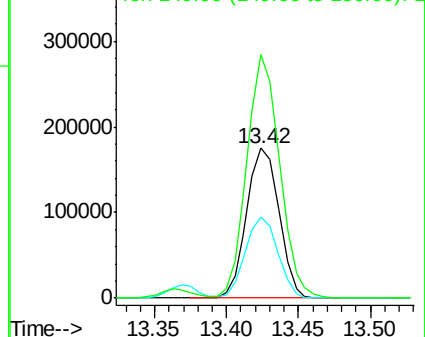
152 100

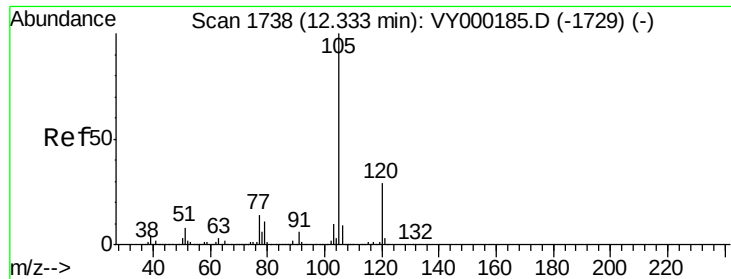
115 54.4 27.2 81.6

150 164.4 0.0 351.2



Abundance Ion 151.90 (151.60 to 152.60): 2
Ion 114.90 (114.60 to 115.60): 2
Ion 149.90 (149.60 to 150.60): 2





#73

Isopropylbenzene

Concen: 16.908 ug/l

RT: 12.33 min Scan# 1738

Delta R.T. -0.00 min

Lab File: 20CC.D

Acq: 03 Oct 2019 14:05

Instrument :

MSVOA_Y

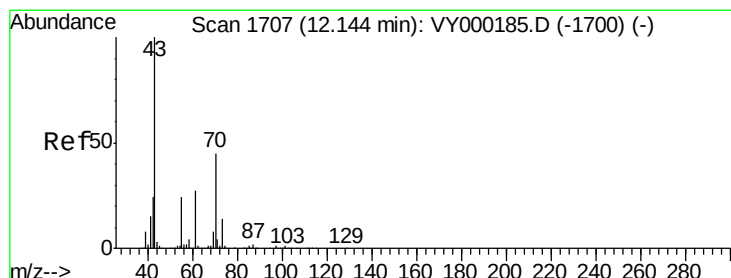
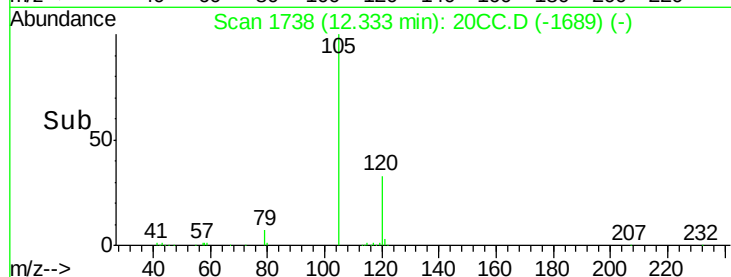
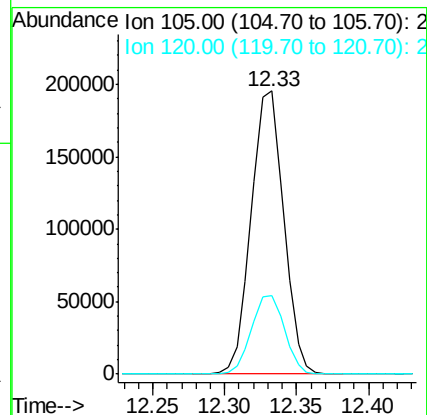
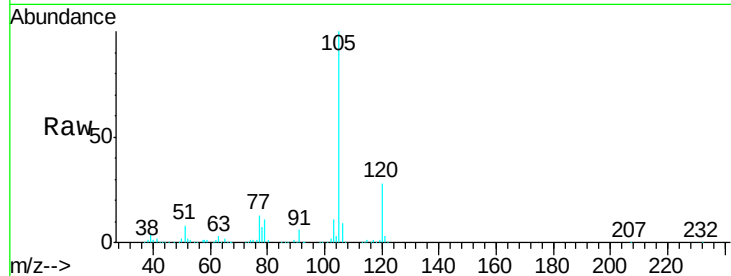
ClientSampleId :

Tgt Ion: 105 Resp: 304688

Ion Ratio Lower Upper

105 100

120 28.3 14.1 42.3



#74

N-ethyl acetate

Concen: 18.157 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.00 min

Lab File: 20CC.D

Acq: 03 Oct 2019 14:05

Tgt Ion: 43 Resp: 143975

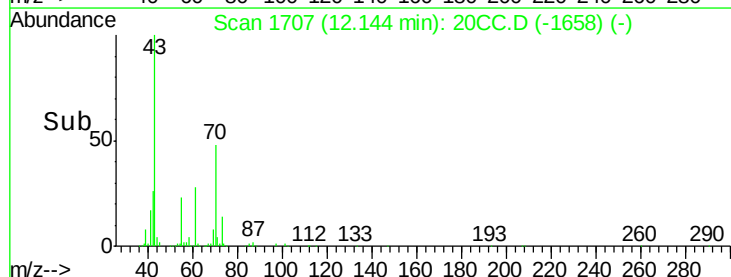
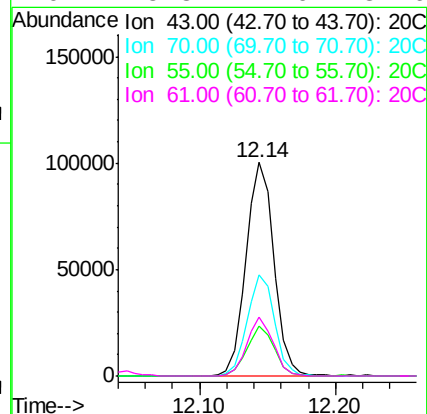
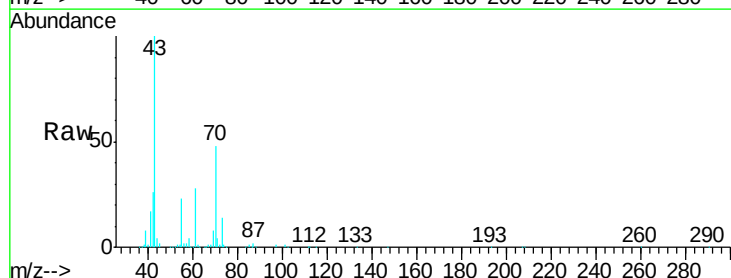
Ion Ratio Lower Upper

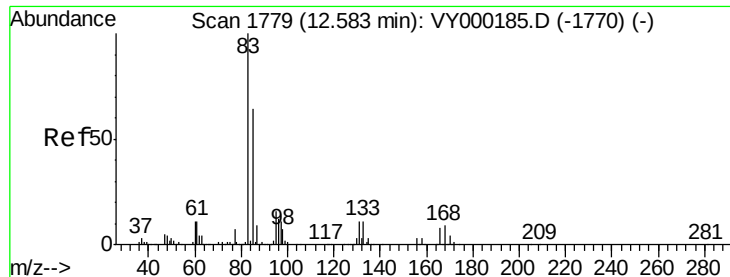
43 100

70 46.7 36.7 55.1

55 22.9 18.6 27.8

61 25.8 21.0 31.6





#75

1,1,2,2-Tetrachloroethane

Concen: 19.478 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: 20CC.D

Acq: 03 Oct 2019 14:05

Instrument :

MSVOA_Y

ClientSampleId :

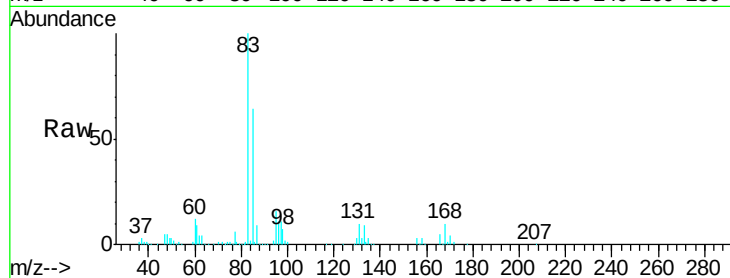
Tgt Ion: 83 Resp: 124564

Ion Ratio Lower Upper

83 100

131 11.3 5.6 16.8

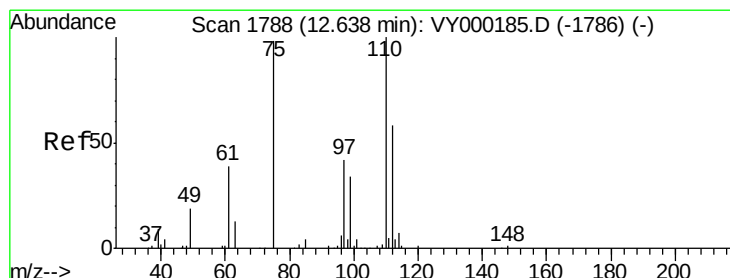
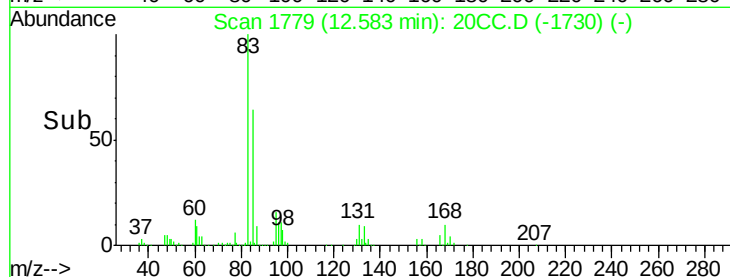
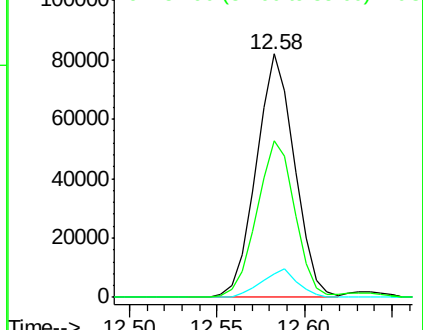
85 64.2 32.1 96.3



Abundance Ion 82.90 (82.60 to 83.60): 20C

Ion 130.80 (130.50 to 131.50): 20C

Ion 84.90 (84.60 to 85.60): 20C



#76

1,2,3-Trichloropropane

Concen: 36.319 ug/l

RT: 12.64 min Scan# 1788

Delta R.T. -0.00 min

Lab File: 20CC.D

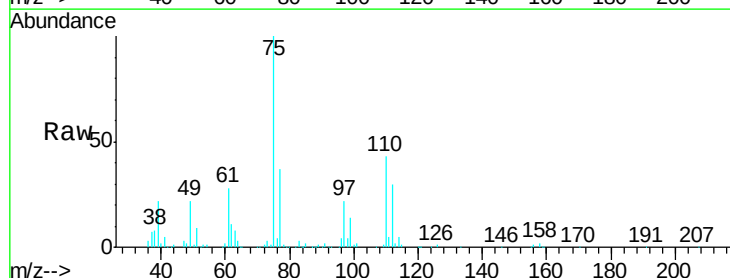
Acq: 03 Oct 2019 14:05

Tgt Ion: 75 Resp: 173699

Ion Ratio Lower Upper

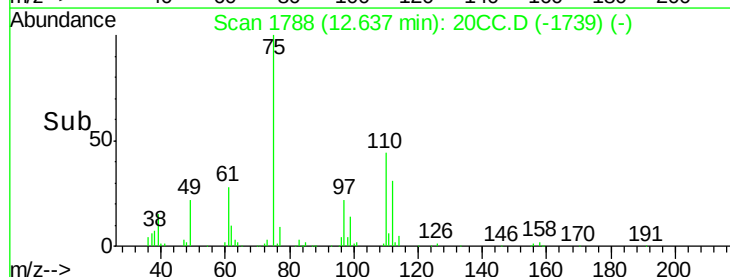
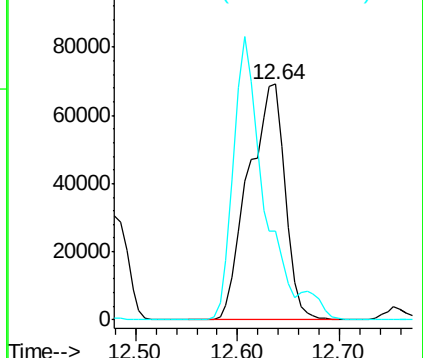
75 100

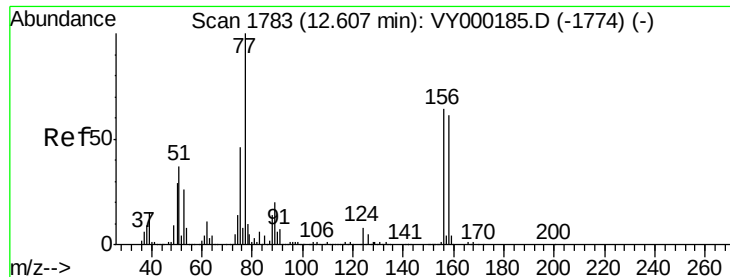
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): 20C

Ion 77.00 (76.70 to 77.70): 20C





#77

Bromobenzene

Concen: 17.243 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: 20CC.D

Acq: 03 Oct 2019 14:05

Instrument :

MSVOA_Y

ClientSampleId :

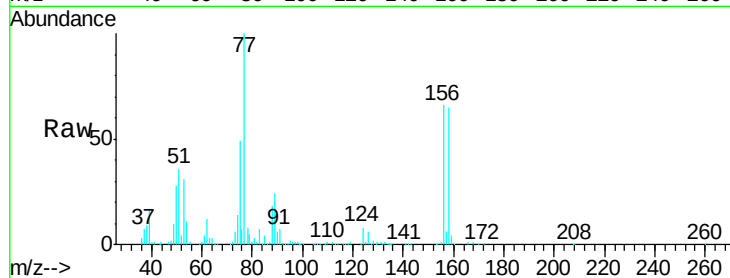
Tgt Ion:156 Resp: 85513

Ion Ratio Lower Upper

156 100

77 194.8 95.3 285.8

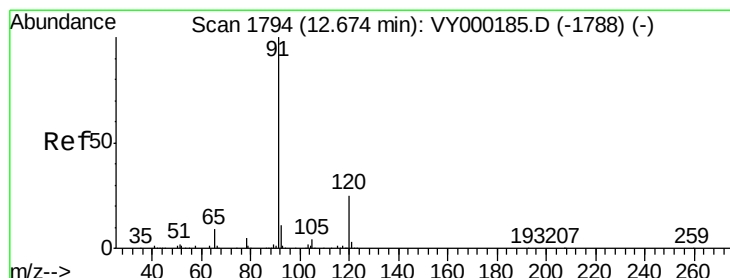
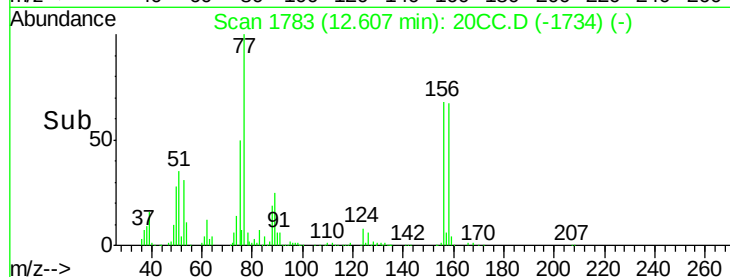
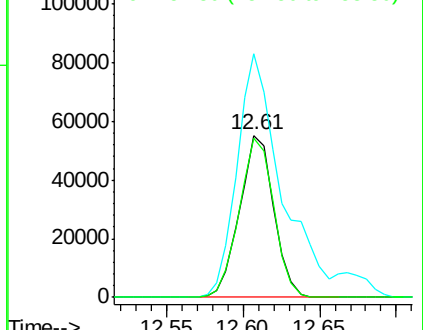
158 99.6 48.0 144.2



Abundance Ion 155.80 (155.50 to 156.50): 2

Ion 77.00 (76.70 to 77.70): 20C

Ion 157.80 (157.50 to 158.50): 2



#78

n-propylbenzene

Concen: 16.993 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. -0.00 min

Lab File: 20CC.D

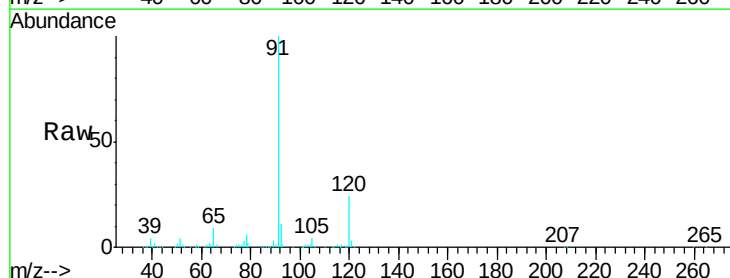
Acq: 03 Oct 2019 14:05

Tgt Ion: 91 Resp: 342430

Ion Ratio Lower Upper

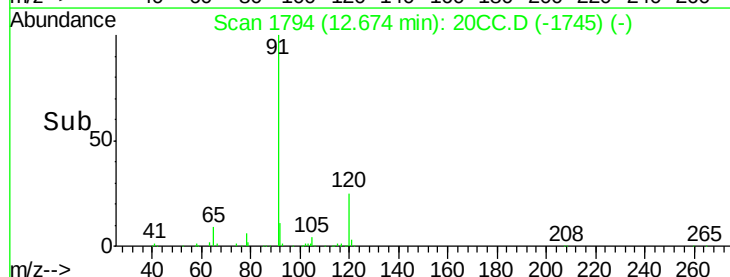
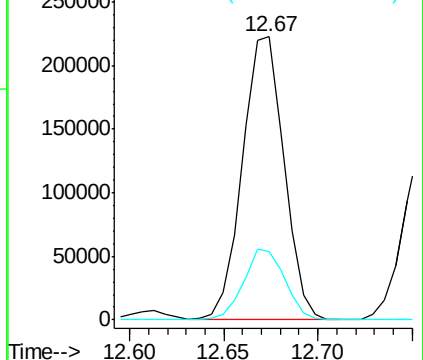
91 100

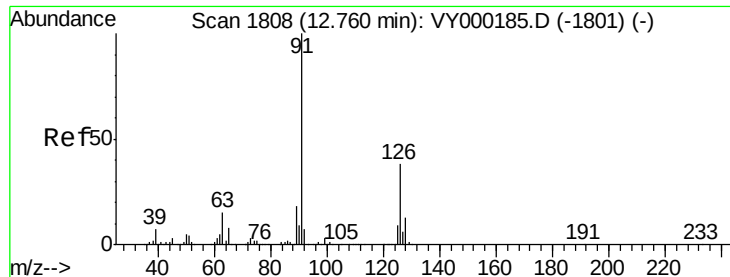
120 24.9 12.6 37.8



Abundance Ion 91.00 (90.70 to 91.70): 20C

Ion 120.00 (119.70 to 120.70): 2





#79

2-Chlorotoluene

Concen: 17.505 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. -0.01 min

Lab File: 20CC.D

Acq: 03 Oct 2019 14:05

Instrument :

MSVOA_Y

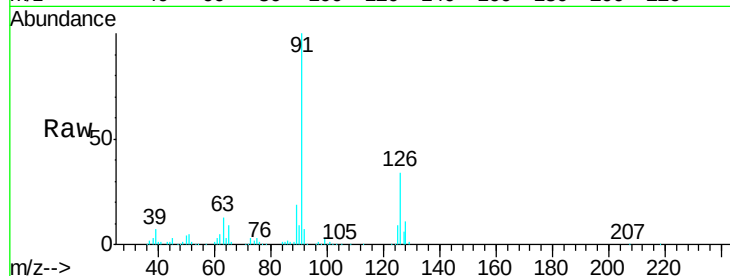
ClientSampleId :

Tgt Ion: 91 Resp: 207835

Ion Ratio Lower Upper

91 100

126 38.2 18.6 56.0



Abundance Ion 91.00 (90.70 to 91.70): 207835

Ion 125.90 (125.60 to 126.60): 207835

Time-->

12.75

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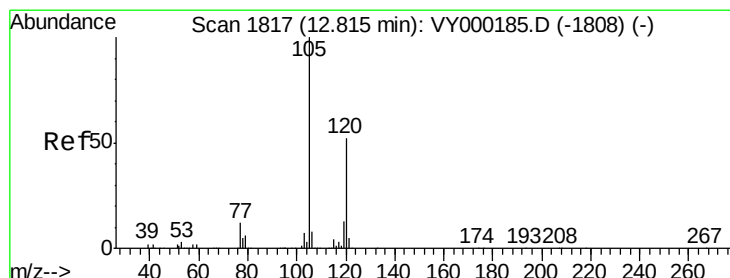
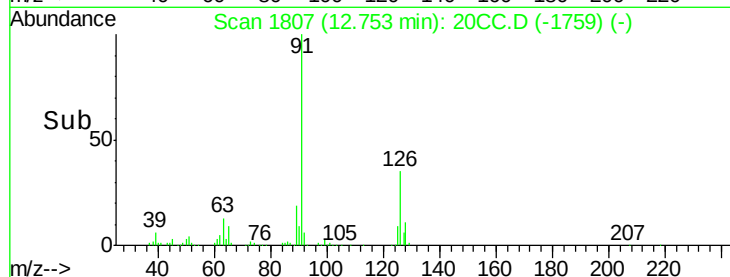
12.75

12.75

12.75

12.75

12.75



#80

1,3,5-Trimethylbenzene

Concen: 17.326 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. -0.00 min

Lab File: 20CC.D

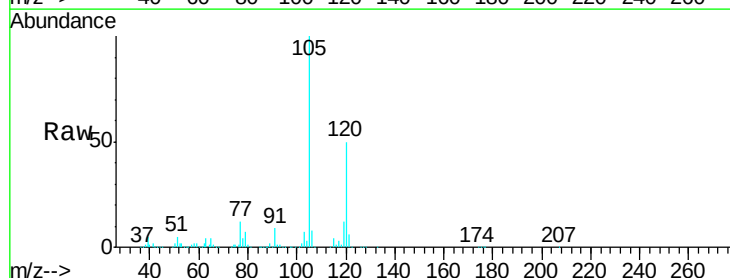
Acq: 03 Oct 2019 14:05

Tgt Ion: 105 Resp: 261829

Ion Ratio Lower Upper

105 100

120 51.8 25.9 77.6



Abundance Ion 105.00 (104.70 to 105.70): 261829

Ion 120.00 (119.70 to 120.70): 261829

Time-->

12.81

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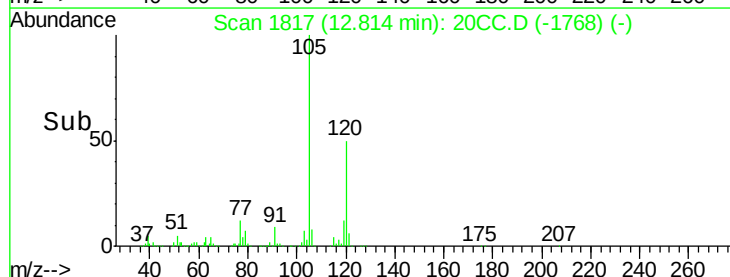
12.81

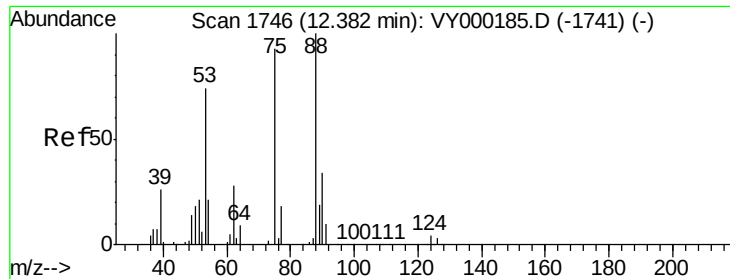
12.81

12.81

12.81

12.81





#81

trans-1,4-Dichloro-2-butene

Concen: 18.731 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. -0.00 min

Lab File: 20CC.D

Acq: 03 Oct 2019 14:05

Instrument :

MSVOA_Y

ClientSampleId :

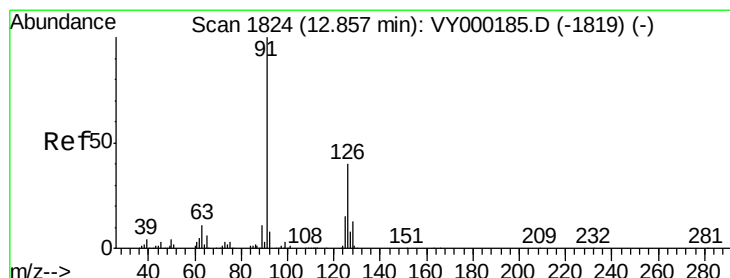
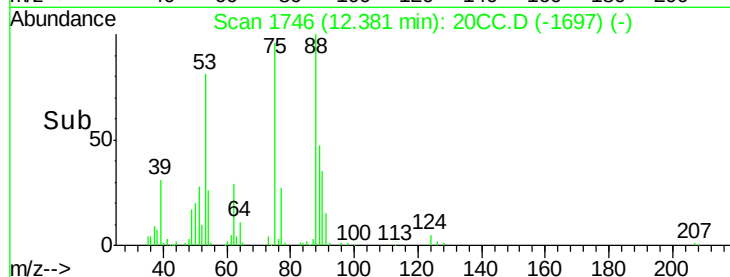
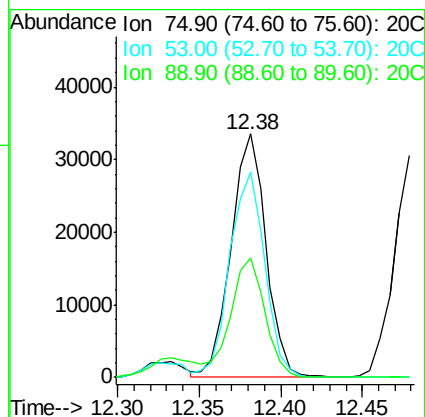
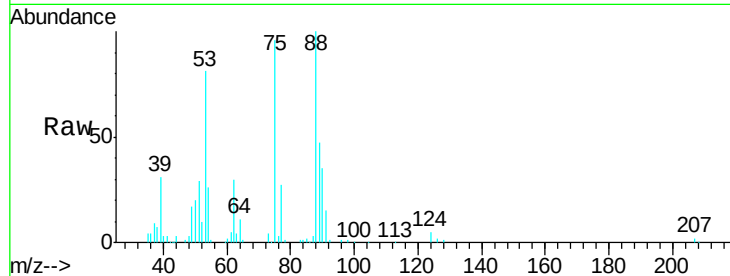
Tgt Ion: 75 Resp: 50034

Ion Ratio Lower Upper

75 100

53 84.8 67.7 101.5

89 48.2 37.0 55.4



#82

4-Chlorotoluene

Concen: 17.075 ug/l

RT: 12.86 min Scan# 1824

Delta R.T. -0.00 min

Lab File: 20CC.D

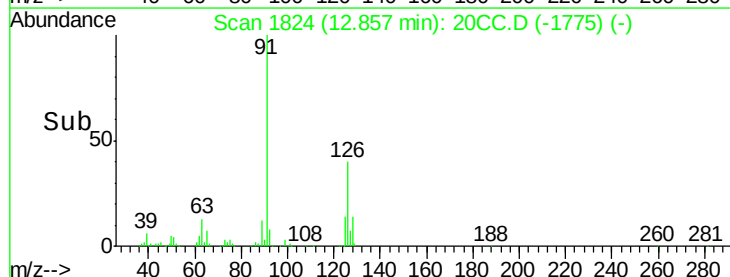
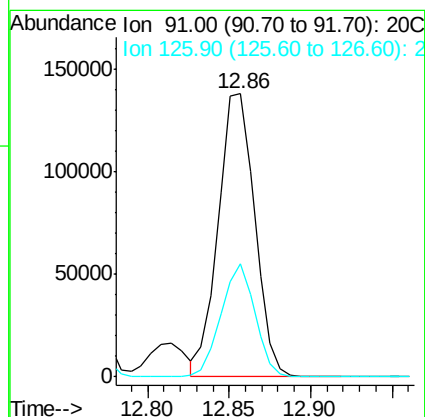
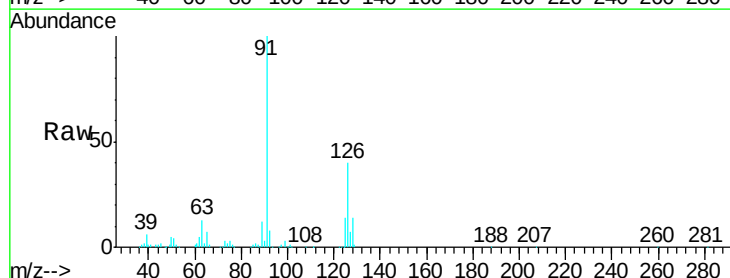
Acq: 03 Oct 2019 14:05

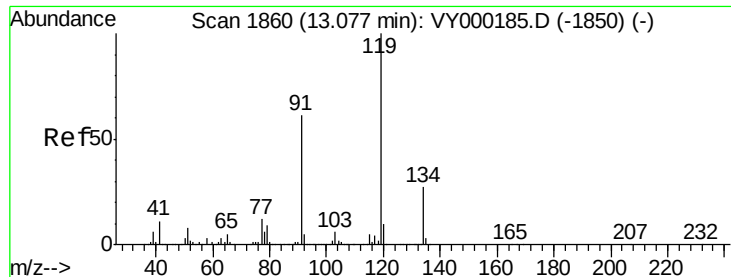
Tgt Ion: 91 Resp: 215849

Ion Ratio Lower Upper

91 100

126 37.1 18.4 55.0

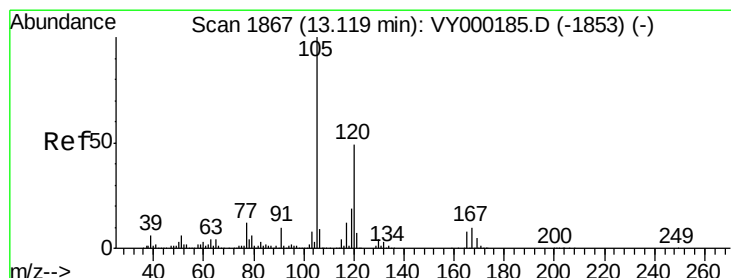
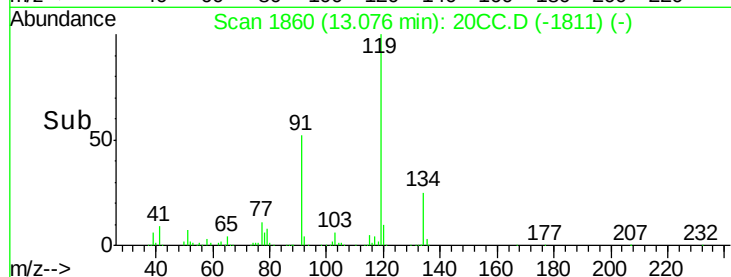
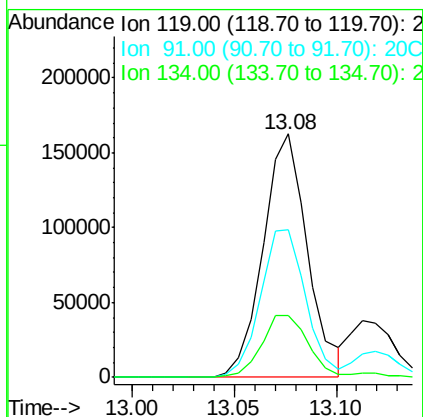
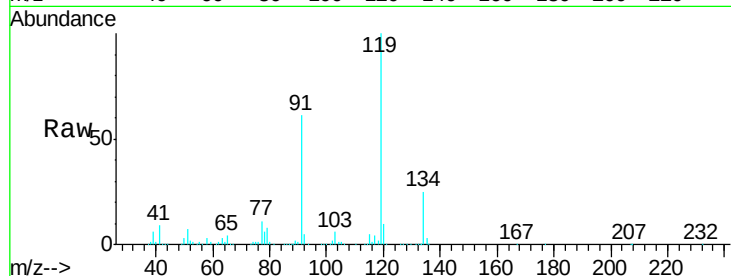




#83
 tert-Butylbenzene
 Concen: 17.929 ug/l
 RT: 13.08 min Scan# 1860
 Delta R.T. -0.00 min
 Lab File: 20CC.D
 Acq: 03 Oct 2019 14:05

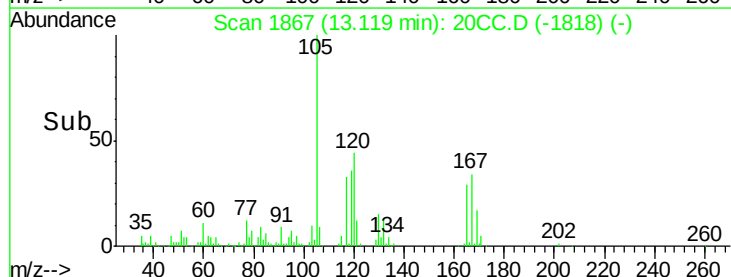
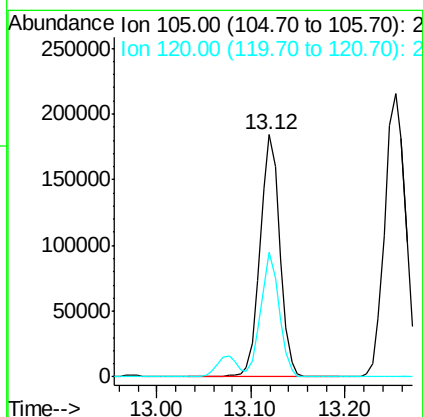
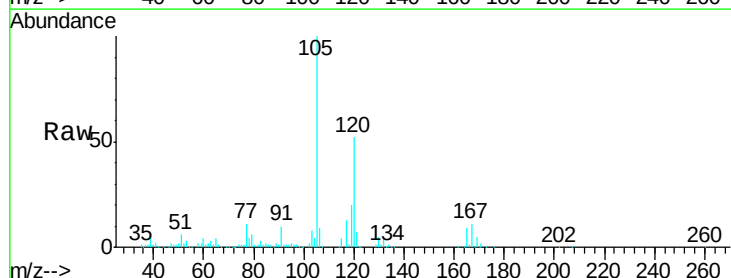
Instrument :
 MSVOA_Y
 ClientSampleId :

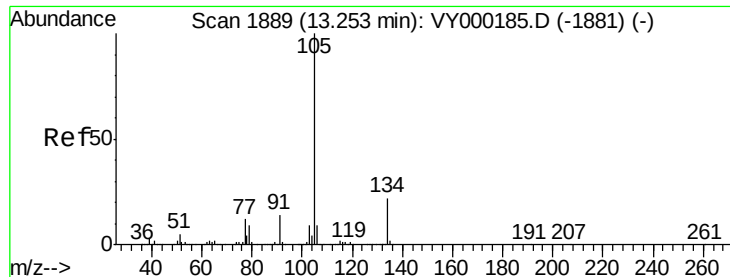
Tgt Ion:119 Resp: 246942
 Ion Ratio Lower Upper
 119 100
 91 61.6 30.6 92.0
 134 26.8 13.7 41.1



#84
 1,2,4-Trimethylbenzene
 Concen: 18.016 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: 20CC.D
 Acq: 03 Oct 2019 14:05

Tgt Ion:105 Resp: 270199
 Ion Ratio Lower Upper
 105 100
 120 48.1 24.0 72.0





#85

sec-Butylbenzene

Concen: 17.969 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: 20CC.D

Acq: 03 Oct 2019 14:05

Instrument :

MSVOA_Y

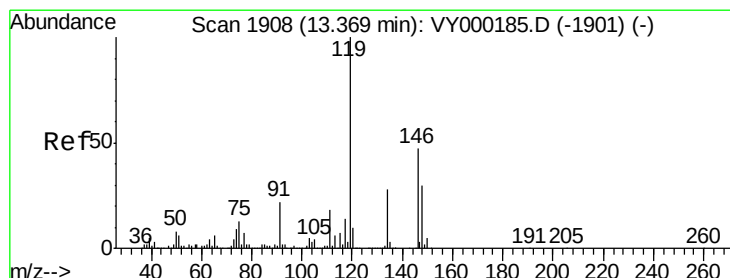
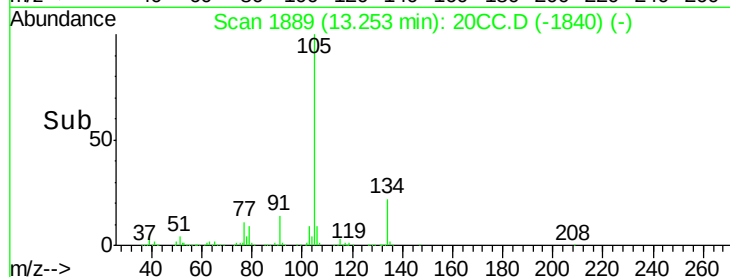
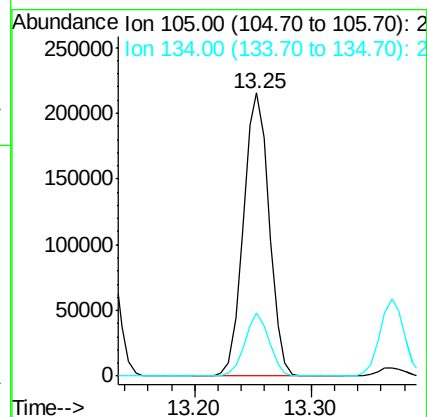
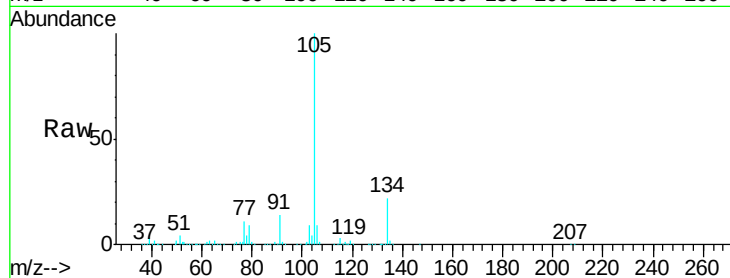
ClientSampleId :

Tgt Ion:105 Resp: 331251

Ion Ratio Lower Upper

105 100

134 21.2 10.9 32.9



#86

p-Isopropyltoluene

Concen: 17.947 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: 20CC.D

Acq: 03 Oct 2019 14:05

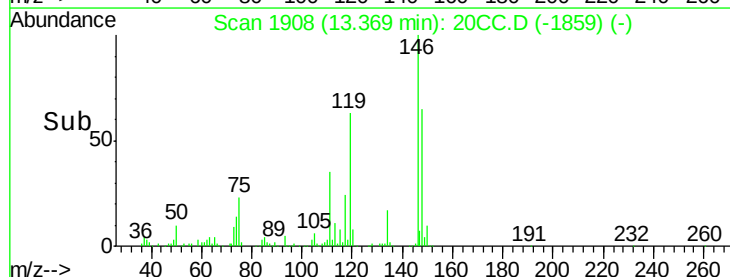
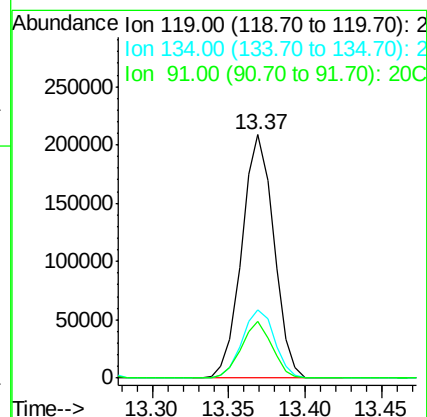
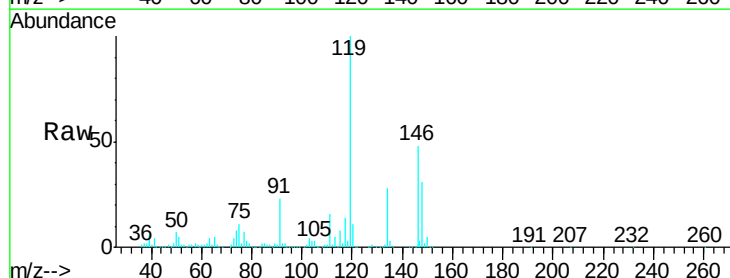
Tgt Ion:119 Resp: 303477

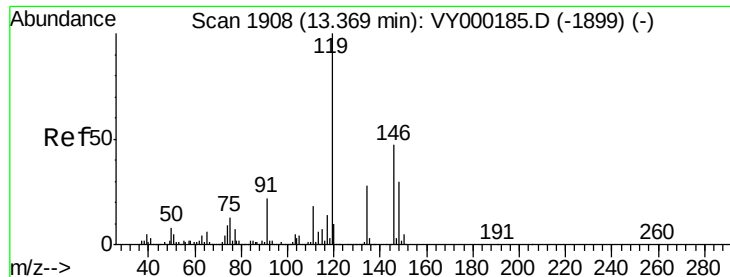
Ion Ratio Lower Upper

119 100

134 28.4 14.1 42.2

91 22.3 11.2 33.5

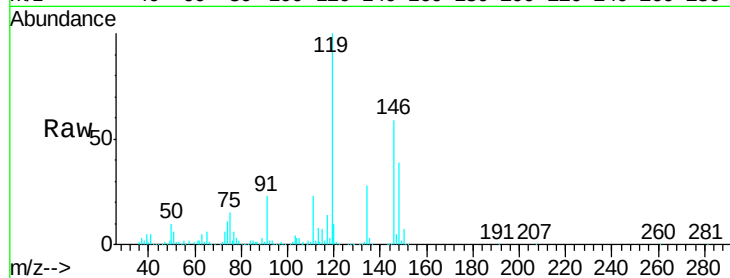




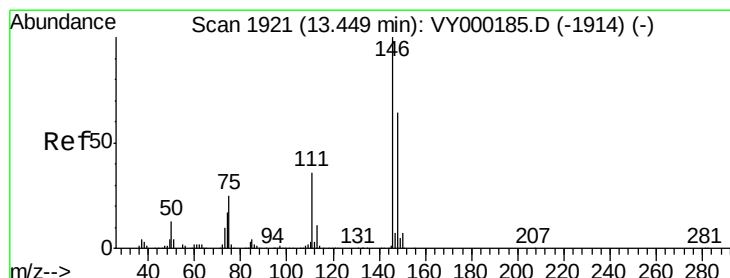
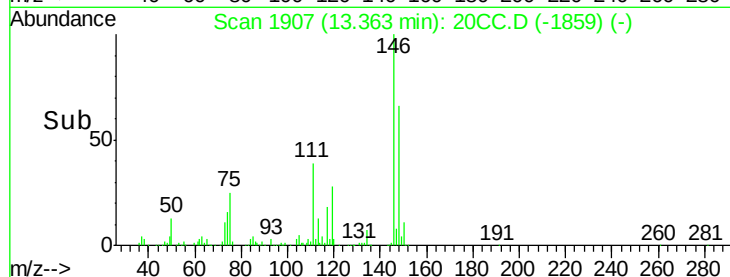
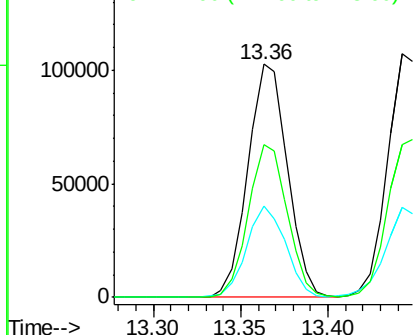
#87
 1,3-Dichlorobenzene
 Concen: 17.994 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.01 min
 Lab File: 20CC.D
 Acq: 03 Oct 2019 14:05

Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.7	18.9	56.7
148	64.9	32.3	96.8

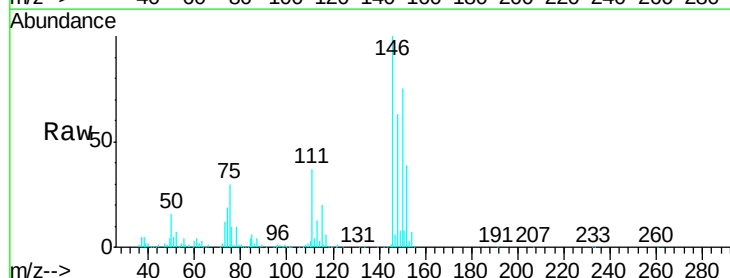


Abundance Ion 145.90 (145.60 to 146.60): 2
 Ion 110.90 (110.60 to 111.60): 2
 Ion 147.90 (147.60 to 148.60): 2

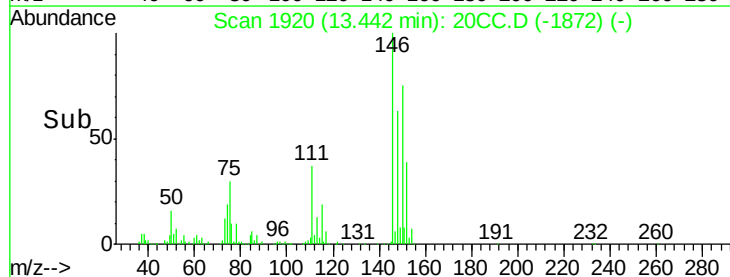
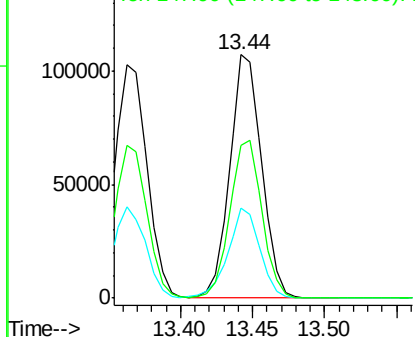


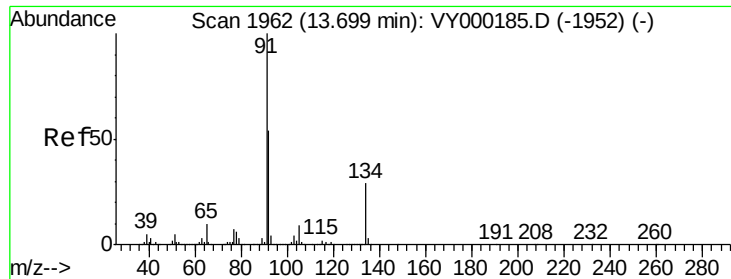
#88
 1,4-Dichlorobenzene
 Concen: 17.769 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. -0.01 min
 Lab File: 20CC.D
 Acq: 03 Oct 2019 14:05

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.2	18.1	54.1
148	65.4	32.3	96.8



Abundance Ion 145.90 (145.60 to 146.60): 2
 Ion 110.90 (110.60 to 111.60): 2
 Ion 147.90 (147.60 to 148.60): 2

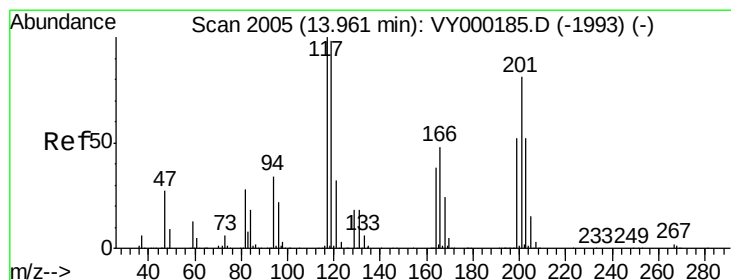
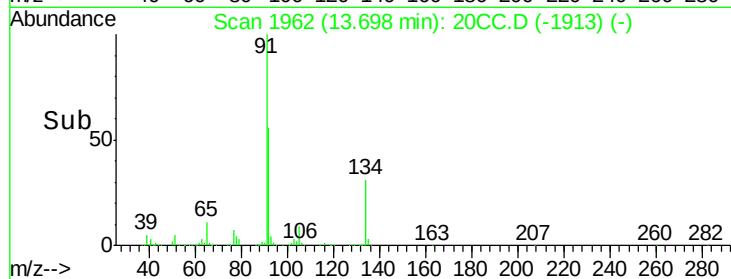
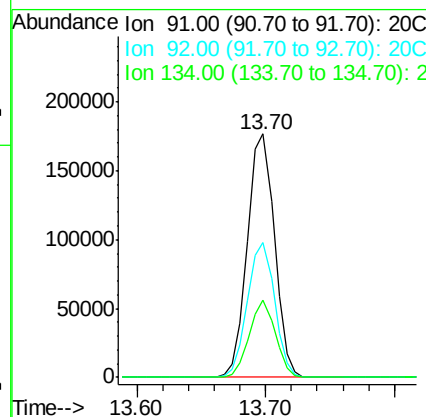
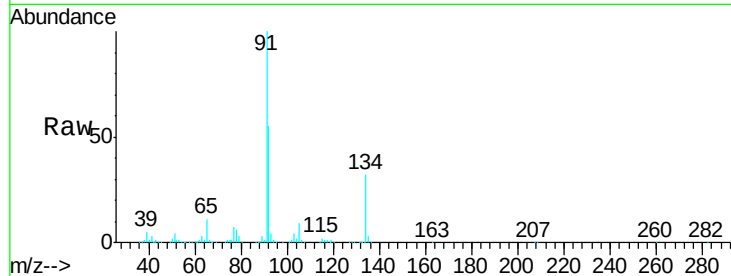




#89
n-Butylbenzene
Concen: 17.276 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. -0.00 min
Lab File: 20CC.D
Acq: 03 Oct 2019 14:05

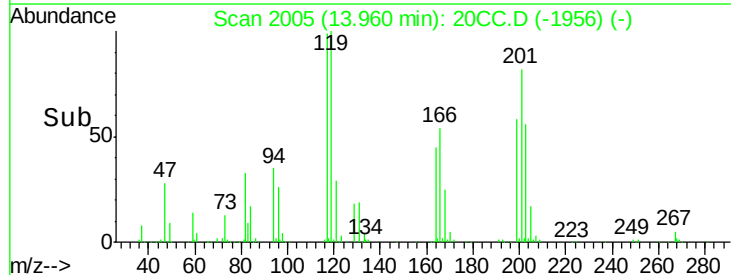
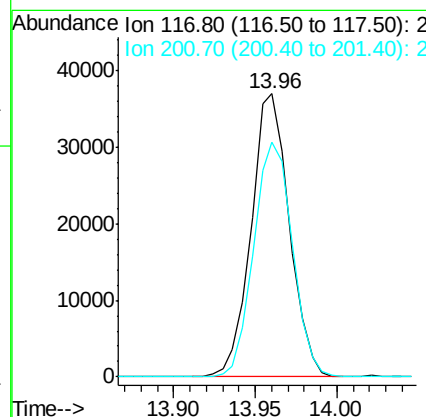
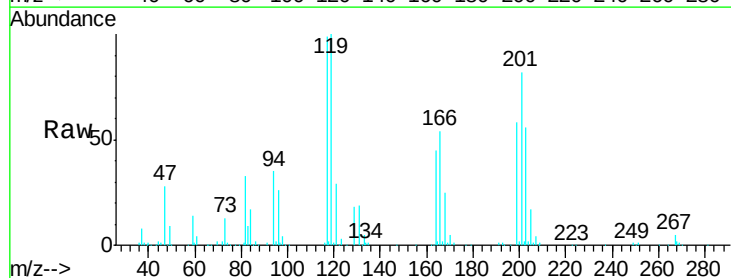
Instrument :
MSVOA_Y
ClientSampleId :

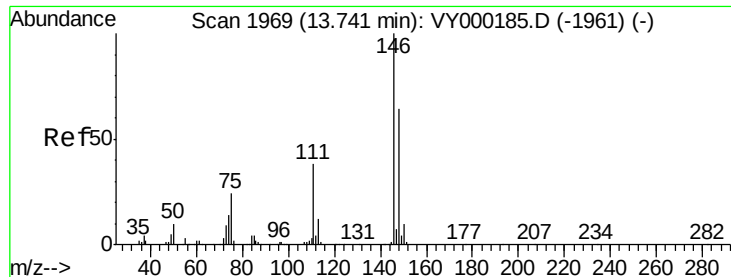
Tgt Ion: 91 Resp: 256576
Ion Ratio Lower Upper
91 100
92 55.5 27.1 81.3
134 30.3 14.4 43.0



#90
Hexachloroethane
Concen: 17.960 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.00 min
Lab File: 20CC.D
Acq: 03 Oct 2019 14:05

Tgt Ion: 117 Resp: 60188
Ion Ratio Lower Upper
117 100
201 84.1 42.6 128.0





#91

1,2-Dichlorobenzene

Concen: 18.535 ug/l

RT: 13.74 min Scan# 1969

Delta R.T. -0.00 min

Lab File: 20CC.D

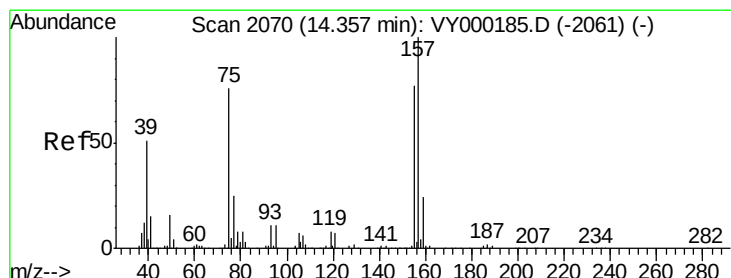
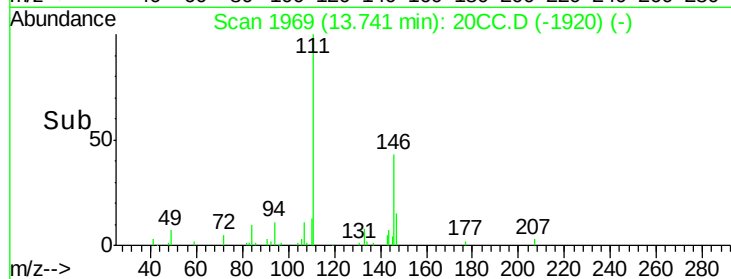
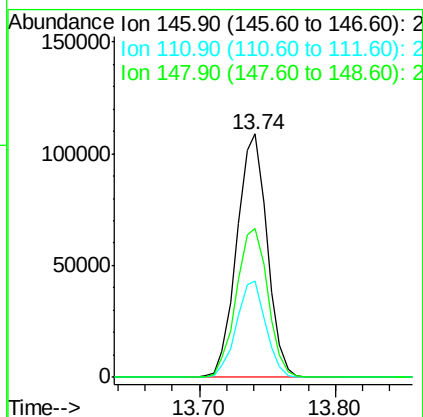
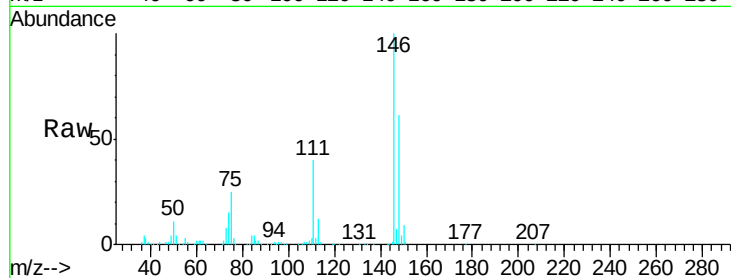
Acq: 03 Oct 2019 14:05

Instrument :

MSVOA_Y

ClientSampled :

Tgt Ion:	146	Resp:	168658
Ion Ratio	Lower	Upper	
146	100		
111	38.3	19.4	58.2
148	63.7	32.1	96.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.029 ug/l

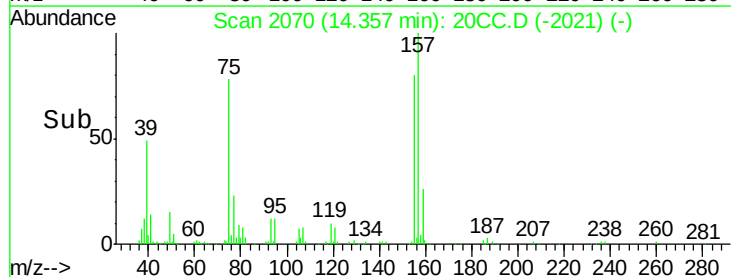
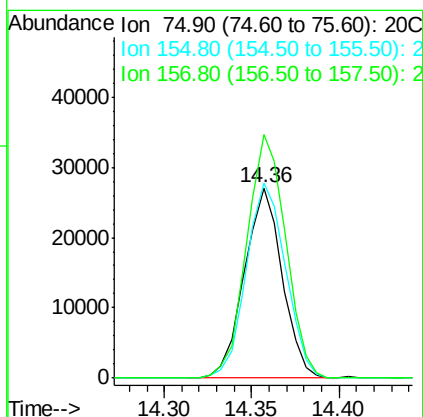
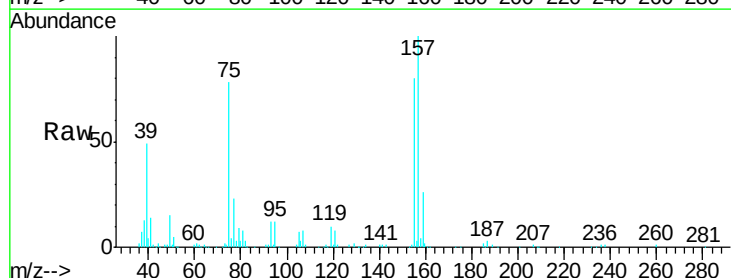
RT: 14.36 min Scan# 2070

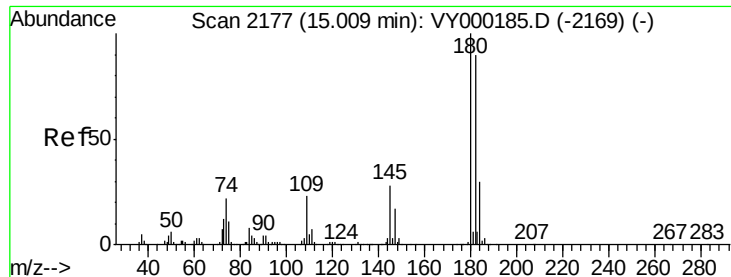
Delta R.T. -0.00 min

Lab File: 20CC.D

Acq: 03 Oct 2019 14:05

Tgt Ion:	75	Resp:	40836
Ion Ratio	Lower	Upper	
75	100		
155	106.5	52.3	157.1
157	131.5	66.8	200.3

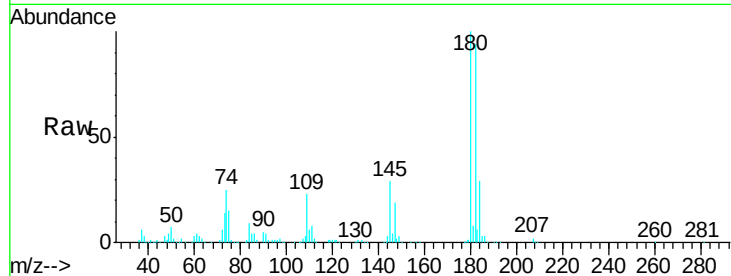




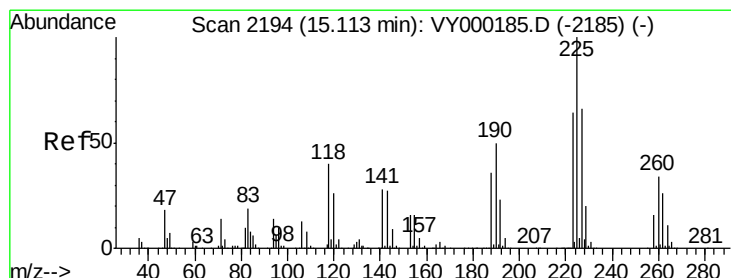
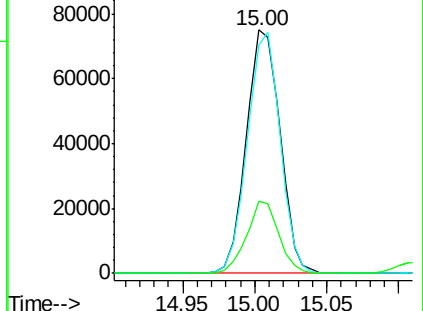
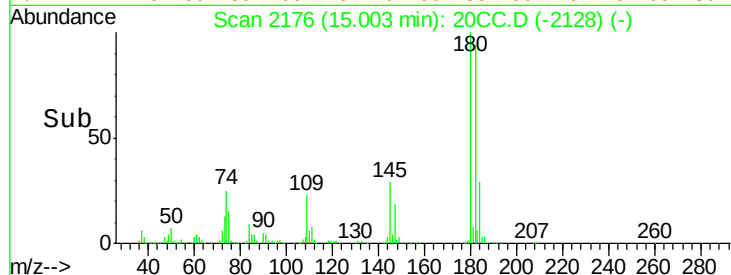
#93
 1,2,4-Trichlorobenzene
 Concen: 18.241 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. -0.01 min
 Lab File: 20CC.D
 Acq: 03 Oct 2019 14:05

Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion:180 Resp: 121490
 Ion Ratio Lower Upper
 180 100
 182 95.9 47.1 141.3
 145 28.1 14.4 43.2

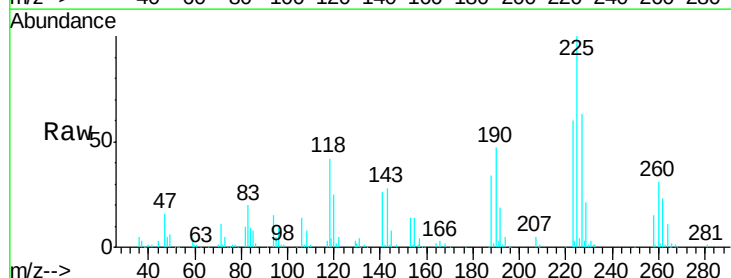


Abundance Ion 179.80 (179.50 to 180.50): 2
 Ion 181.80 (181.50 to 182.50): 2
 Ion 144.80 (144.50 to 145.50): 2

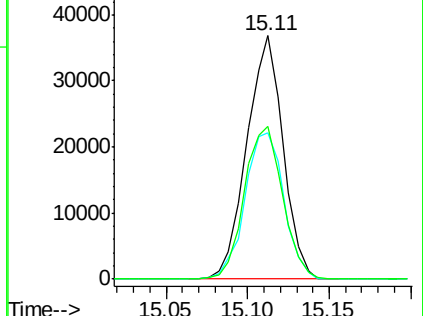
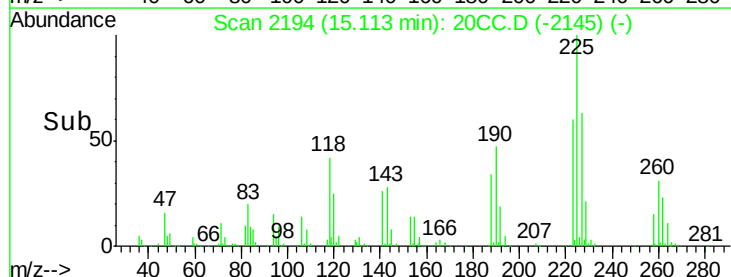


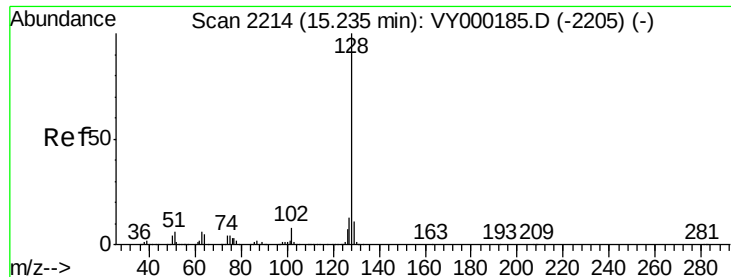
#94
 Hexachlorobutadiene
 Concen: 18.369 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. -0.00 min
 Lab File: 20CC.D
 Acq: 03 Oct 2019 14:05

Tgt Ion:225 Resp: 56848
 Ion Ratio Lower Upper
 225 100
 223 64.6 31.9 95.9
 227 65.9 32.1 96.3



Abundance Ion 224.70 (224.40 to 225.40): 2
 Ion 222.70 (222.40 to 223.40): 2
 Ion 226.70 (226.40 to 227.40): 2

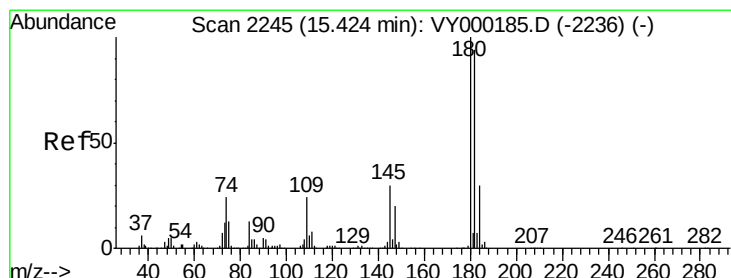
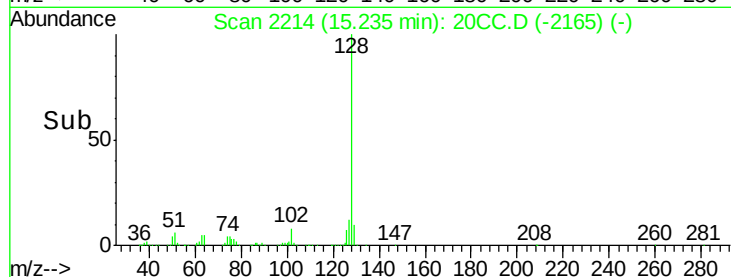
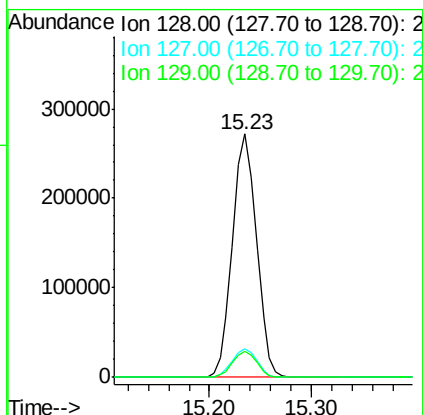
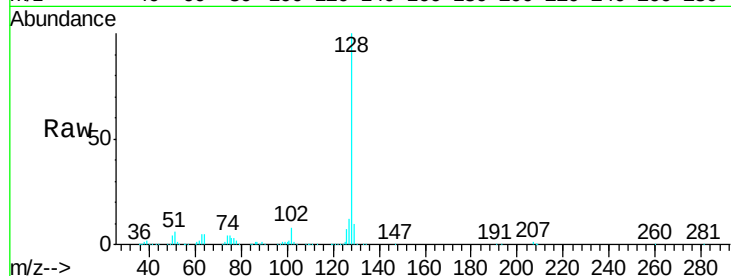




#95
Naphthalene
Concen: 18.836 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.00 min
Lab File: 20CC.D
Acq: 03 Oct 2019 14:05

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:128 Resp: 442939
Ion Ratio Lower Upper
128 100
127 12.2 9.9 14.9
129 10.7 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 18.692 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. -0.00 min
Lab File: 20CC.D
Acq: 03 Oct 2019 14:05

Tgt Ion:180 Resp: 123150
Ion Ratio Lower Upper
180 100
182 98.3 47.7 143.1
145 31.8 15.4 46.2

