

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW012420\
 Data File : CC.D
 Acq On : 24 Jan 2020 10:07
 Operator : SY/VA
 Sample : VSTDIC005
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Quant Time: Jan 24 12:38:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W012420S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 24 12:36:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	662200	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	1049532	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	903259	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	439383	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	33748	5.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	11.44%	
35) Dibromofluoromethane	7.88	113	30975	5.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.24%	
50) Toluene-d8	10.32	98	123232	4.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.74%	
62) 4-Bromofluorobenzene	12.62	95	38919	4.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.08%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	16708	4.27	ug/l	94
3) Chloromethane	2.21	50	35310	7.34	ug/l	96
4) Vinyl Chloride	2.35	62	48609	6.82	ug/l	99
5) Bromomethane	2.78	94	28910	6.69	ug/l	92
6) Chloroethane	2.92	64	27184	6.73	ug/l	95
7) Trichlorofluoromethane	3.26	101	22474	6.35	ug/l	88
8) Diethyl Ether	3.68	74	16262	4.83	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	4.06	101	36511	5.72	ug/l	97
10) Methyl Iodide	4.26	142	47220	4.95	ug/l	99
11) Tert butyl alcohol	5.15	59	12780	25.97	ug/l	98
12) 1,1-Dichloroethene	4.04	96	34957	5.23	ug/l	95
13) Acrolein	3.89	56	12328	25.43	ug/l	92
14) Allyl chloride	4.66	41	56727	5.48	ug/l	99
15) Acrylonitrile	5.36	53	38038	24.98	ug/l	98
16) Acetone	4.12	43	49201	30.56	ug/l	98
17) Carbon Disulfide	4.38	76	113220	5.57	ug/l	99
18) Methyl Acetate	4.67	43	17509	4.56	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	41558	5.02	ug/l	93
20) Methylene Chloride	4.92	84	48349	6.29	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	37745	5.32	ug/l	97
22) Diisopropyl ether	6.30	45	99119	5.12	ug/l	# 87
23) Vinyl Acetate	6.25	43	267071	23.15	ug/l	99
24) 1,1-Dichloroethane	6.21	63	68829	5.67	ug/l	99
25) 2-Butanone	7.17	43	51603	24.95	ug/l	100
26) 2,2-Dichloropropane	7.16	77	43248	6.43	ug/l	95
27) cis-1,2-Dichloroethene	7.16	96	36974	4.97	ug/l	92
28) Bromochloromethane	7.50	49	28088	5.96	ug/l	98
29) Tetrahydrofuran	7.53	42	30477	23.66	ug/l	96
30) Chloroform	7.67	83	63657	5.61	ug/l	95
31) Cyclohexane	7.95	56	75459	5.99	ug/l	# 68
32) 1,1,1-Trichloroethane	7.86	97	51935	5.70	ug/l	98
36) 1,1-Dichloropropene	8.08	75	53574	5.22	ug/l	98
37) Ethyl Acetate	7.26	43	22151	4.88	ug/l	100
38) Carbon Tetrachloride	8.06	117	48776	5.48	ug/l	95

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 Sample : VSTDIC005
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Quant Time: Jan 24 12:38:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W012420S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 24 12:36:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	60216	4.61	ug/l	91
40) Benzene	8.32	78	151659	5.22	ug/l	98
41) Methacrylonitrile	7.48	41	10745	4.22	ug/l	90
42) 1,2-Dichloroethane	8.39	62	40630	5.38	ug/l	98
43) Isopropyl Acetate	8.42	43	38142	4.59	ug/l	97
44) Trichloroethene	9.09	130	38584	4.95	ug/l	94
45) 1,2-Dichloropropane	9.37	63	36966	5.18	ug/l	94
46) Dibromomethane	9.46	93	17628	5.08	ug/l	97
47) Bromodichloromethane	9.64	83	44425	5.12	ug/l	99
48) Methyl methacrylate	9.43	41	16034	3.99	ug/l	96
49) 1,4-Dioxane	9.45	88	5731	90.21	ug/l #	83
51) 4-Methyl-2-Pentanone	10.21	43	97818	22.78	ug/l	97
52) Toluene	10.38	92	89135	4.91	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	41051	4.62	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	51079	4.68	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	24368	4.83	ug/l	93
56) Ethyl methacrylate	10.64	69	26029	3.99	ug/l	97
57) 1,3-Dichloropropane	10.93	76	42499	4.76	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	50741	25.34	ug/l	98
59) 2-Hexanone	10.97	43	61618	20.95	ug/l	96
60) Dibromochloromethane	11.13	129	27969	4.91	ug/l	96
61) 1,2-Dibromoethane	11.23	107	22111	4.64	ug/l	99
64) Tetrachloroethene	10.86	164	32111	4.92	ug/l	96
65) Chlorobenzene	11.65	112	93441	5.03	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	30967	4.95	ug/l	99
67) Ethyl Benzene	11.73	91	163787	4.87	ug/l	97
68) m/p-Xylenes	11.83	106	122430	9.54	ug/l	97
69) o-Xylene	12.16	106	53359	4.51	ug/l	99
70) Styrene	12.18	104	89169	4.46	ug/l	100
71) Bromoform	12.35	173	14336	4.28	ug/l #	99
73) Isopropylbenzene	12.46	105	148095	4.57	ug/l	98
74) N-amyl acetate	12.27	43	30807	4.25	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.71	83	28111	4.87	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	35681	8.68	ug/l #	1
77) Bromobenzene	12.74	156	35123	4.67	ug/l	95
78) n-propylbenzene	12.80	91	181770	4.74	ug/l	100
79) 2-Chlorotoluene	12.89	91	106474	4.88	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	125255	4.58	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	7994	4.33	ug/l	93
82) 4-Chlorotoluene	12.99	91	111227	4.90	ug/l	99
83) tert-Butylbenzene	13.21	119	108103	4.53	ug/l	97
84) 1,2,4-Trimethylbenzene	13.25	105	125245	4.60	ug/l	98
85) sec-Butylbenzene	13.38	105	154801	4.67	ug/l	99
86) p-Isopropyltoluene	13.50	119	137750	4.56	ug/l	98
87) 1,3-Dichlorobenzene	13.49	146	71795	4.90	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	73377	5.09	ug/l	95
89) n-Butylbenzene	13.82	91	129920	4.62	ug/l	98
90) Hexachloroethane	14.09	117	25672	4.88	ug/l	99
91) 1,2-Dichlorobenzene	13.86	146	62959	4.89	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	4741	5.20	ug/l	83

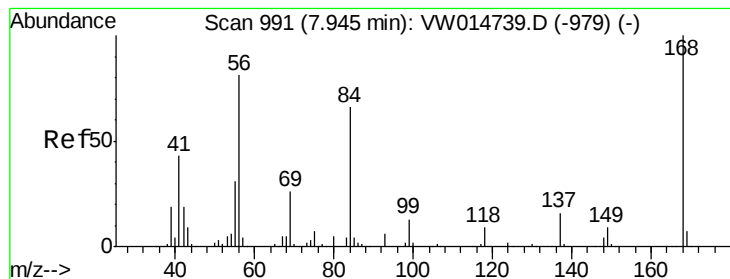
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW012420\
Data File : CC.D
Acq On : 24 Jan 2020 10:07
Operator : SY/VA
Sample : VSTDICC005
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

Quant Time: Jan 24 12:38:42 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W012420S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 24 12:36:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	34143	3.96	ug/l	96
94) Hexachlorobutadiene	15.24	225	27786	4.77	ug/l	98
95) Naphthalene	15.36	128	46190	3.18	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	28125	3.75	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: CC.D

Acq: 24 Jan 2020 10:07

Instrument :

MSVOA_W

ClientSampleId :

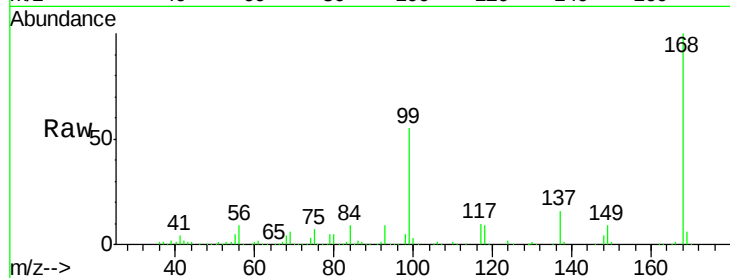
VSTDIC005

Tgt Ion: 168 Resp: 662200

Ion Ratio Lower Upper

168 100

99 55.2 42.6 64.0



Abundance Ion 167.90 (167.60 to 168.60): CC.D

Ion 98.90 (98.60 to 99.60): CC.D

7.95

300000

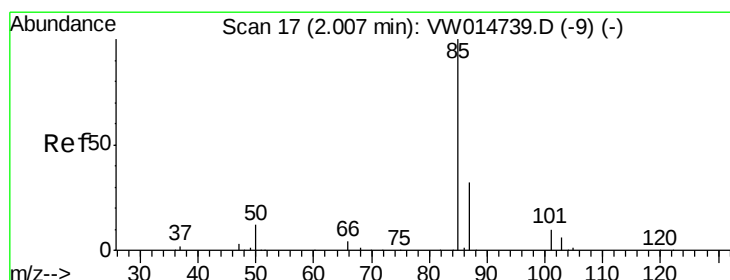
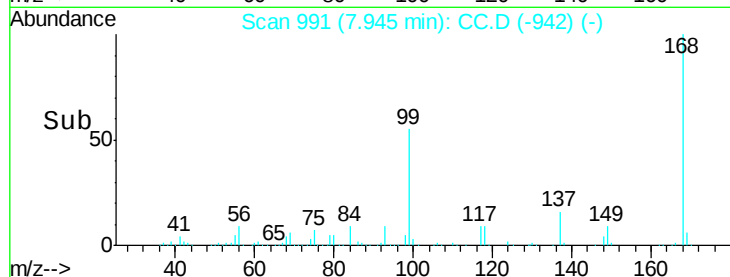
200000

100000

0

Time-->

7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 4.27 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.01 min

Lab File: CC.D

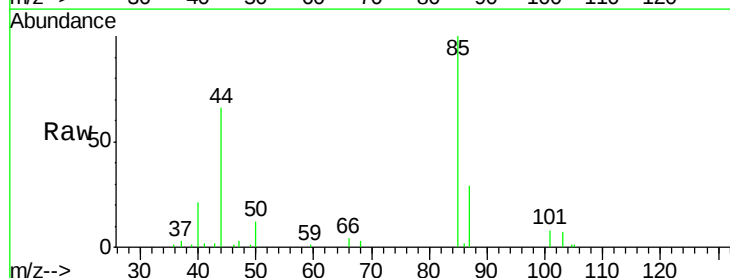
Acq: 24 Jan 2020 10:07

Tgt Ion: 85 Resp: 16708

Ion Ratio Lower Upper

85 100

87 28.6 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): CC.D

Ion 86.90 (86.60 to 87.60): CC.D

2.01

6000

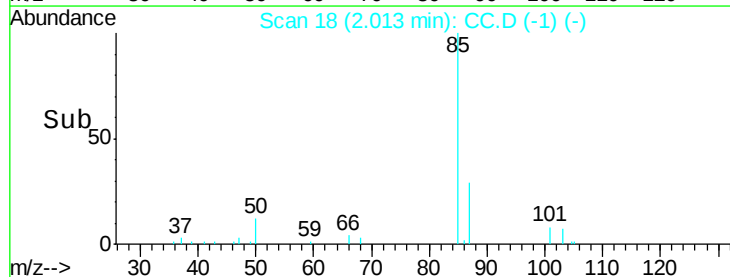
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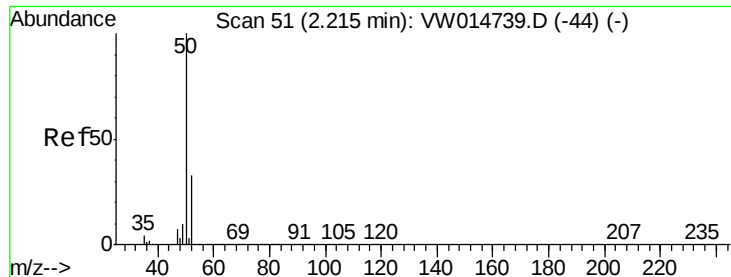
2000

0

Time-->

1.95 2.00 2.05





#3

Chloromethane

Concen: 7.34 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: CC.D

Acq: 24 Jan 2020 10:07

Instrument :

MSVOA_W

ClientSampled :

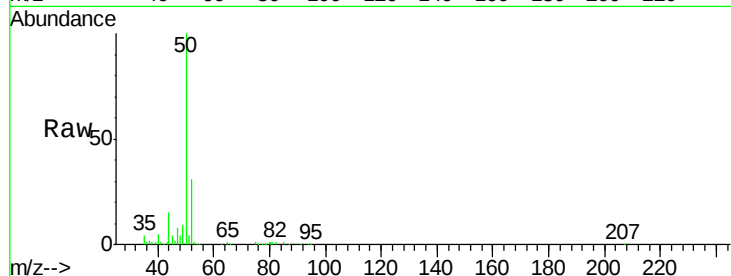
VSTDIC005

Tgt Ion: 50 Resp: 35310

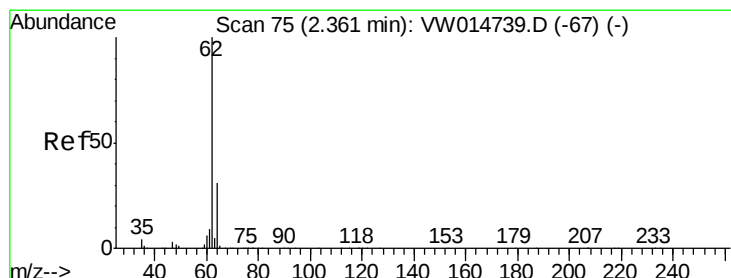
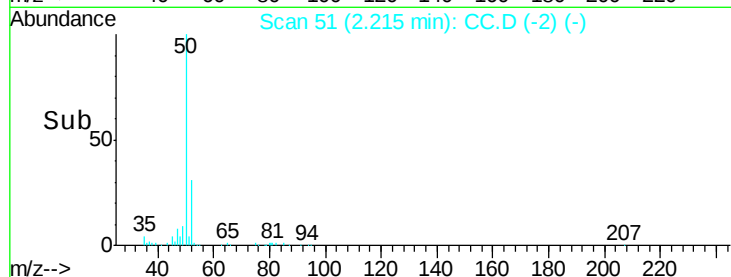
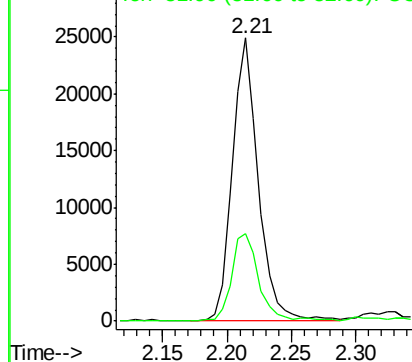
Ion Ratio Lower Upper

50 100

52 30.9 26.7 40.1



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



#4

Vinyl Chloride

Concen: 6.82 ug/l

RT: 2.35 min Scan# 74

Delta R.T. -0.01 min

Lab File: CC.D

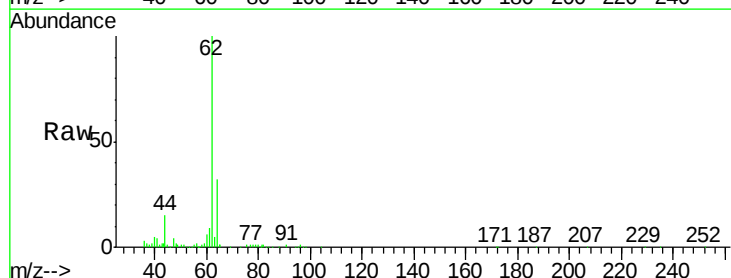
Acq: 24 Jan 2020 10:07

Tgt Ion: 62 Resp: 48609

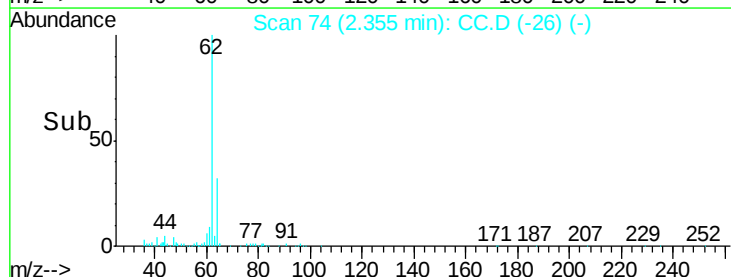
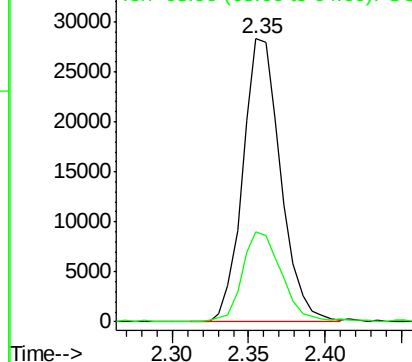
Ion Ratio Lower Upper

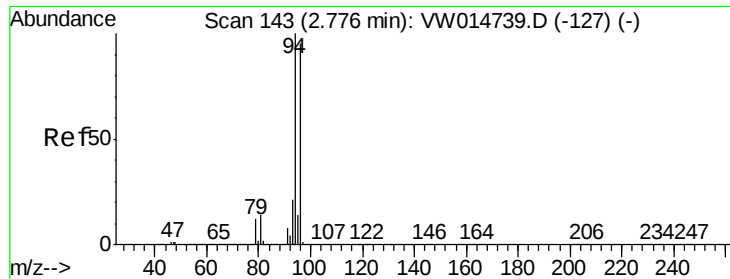
62 100

64 31.4 24.7 37.1



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





#5

Bromomethane

Concen: 6.69 ug/l

RT: 2.78 min Scan# 144

Delta R.T. 0.01 min

Lab File: CC.D

Acq: 24 Jan 2020 10:07

Instrument :

MSVOA_W

ClientSampleId :

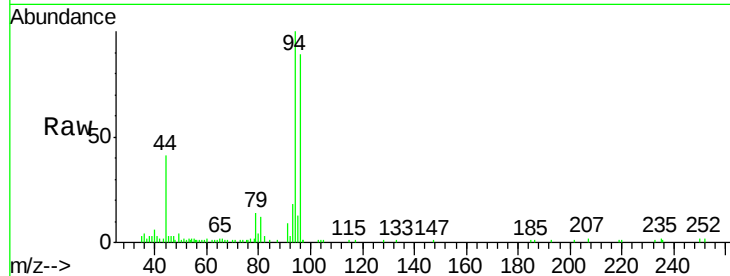
VSTDIC005

Tgt Ion: 94 Resp: 28910

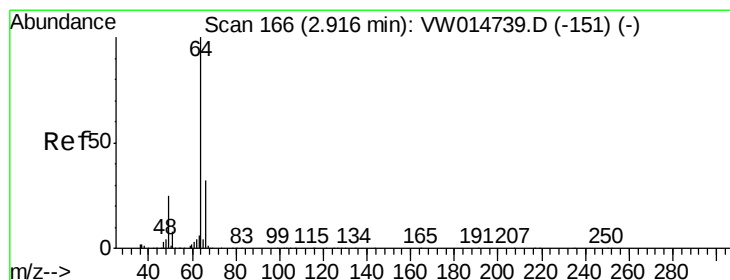
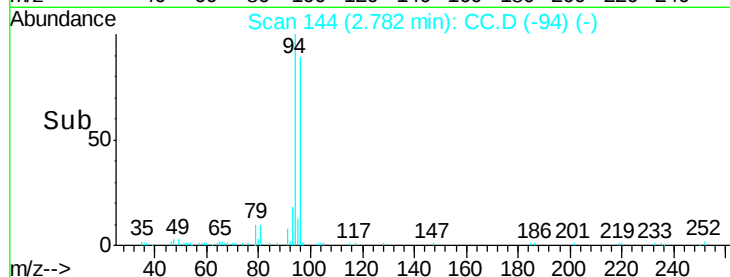
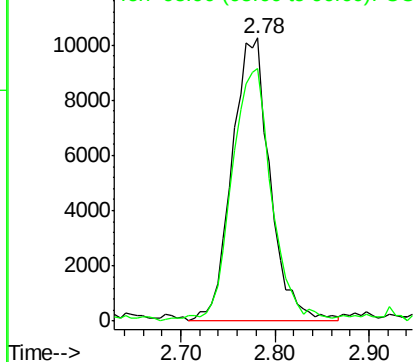
Ion Ratio Lower Upper

94 100

96 87.8 76.2 114.4



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



#6

Chloroethane

Concen: 6.73 ug/l

RT: 2.92 min Scan# 167

Delta R.T. 0.01 min

Lab File: CC.D

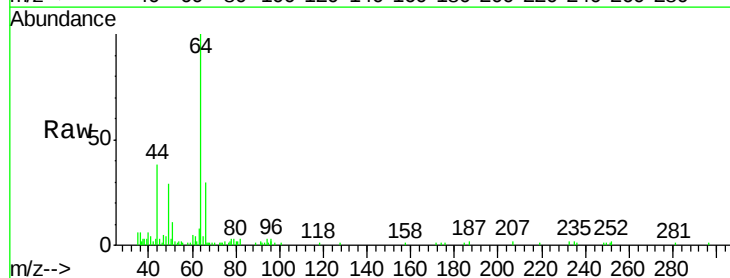
Acq: 24 Jan 2020 10:07

Tgt Ion: 64 Resp: 27184

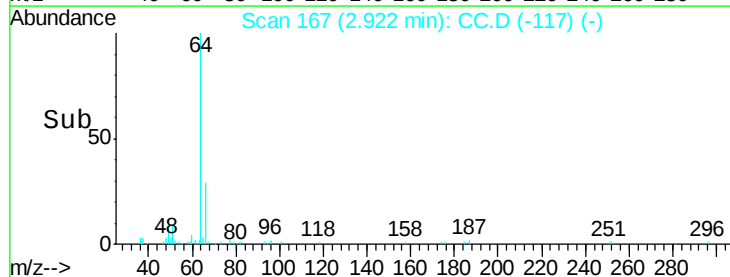
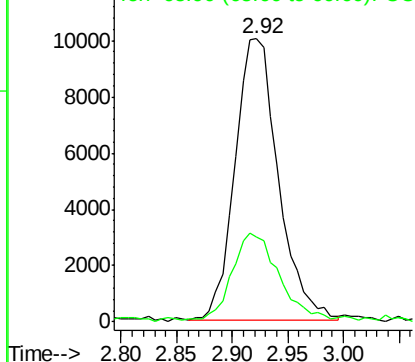
Ion Ratio Lower Upper

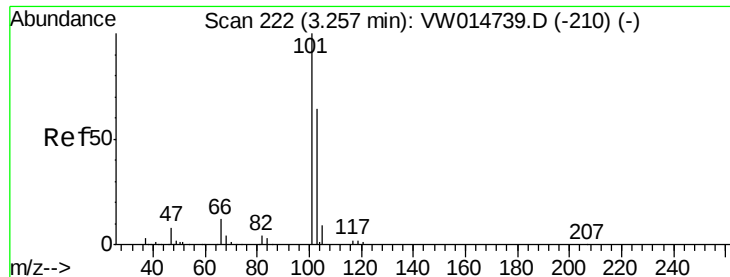
64 100

66 29.4 25.5 38.3



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



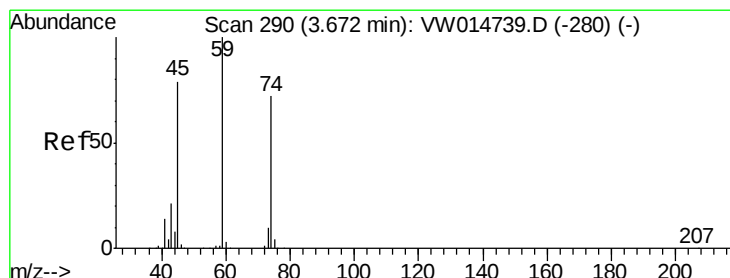
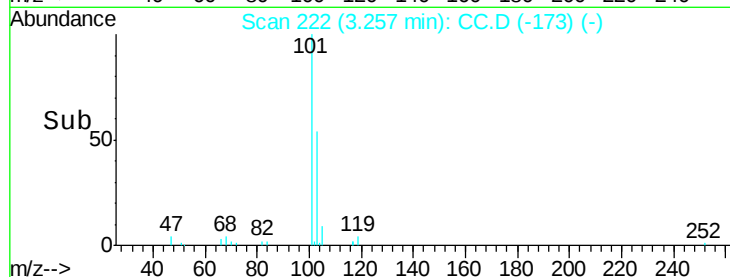
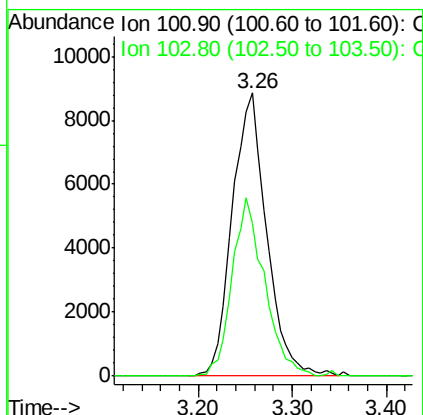
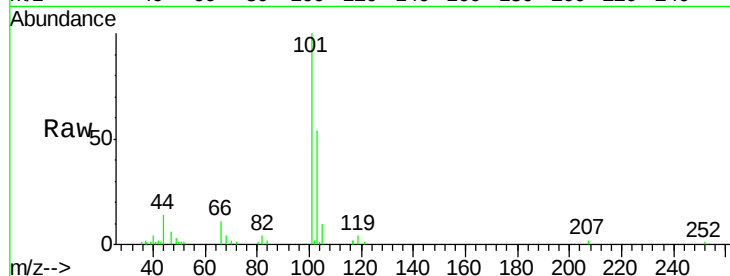


#7

Trichlorofluoromethane
 Concen: 6.35 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.00 min
 Lab File: CC.D
 Acq: 24 Jan 2020 10:07

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

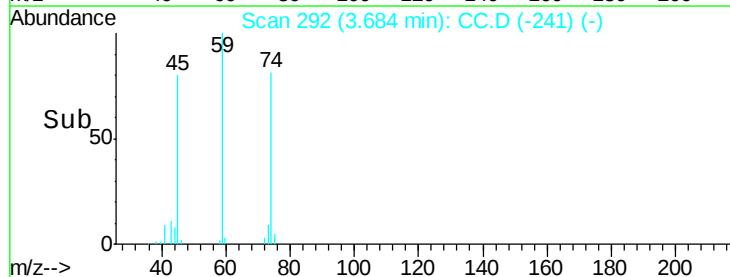
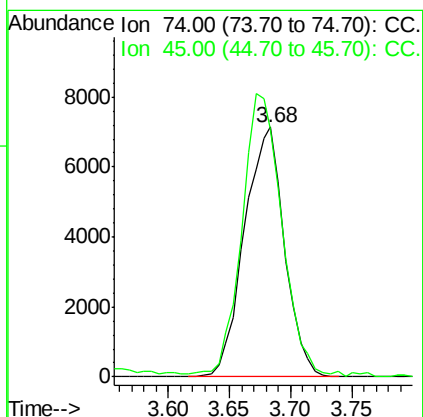
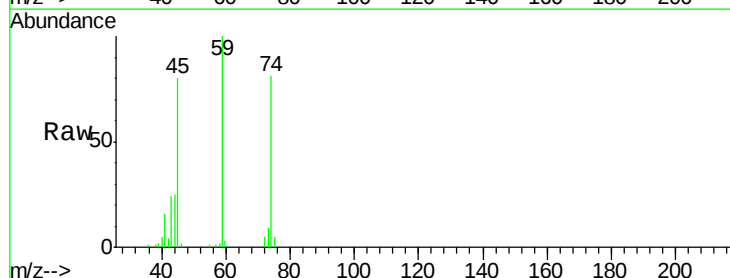
Tgt Ion:101 Resp: 22474
 Ion Ratio Lower Upper
 101 100
 103 53.9 50.8 76.2

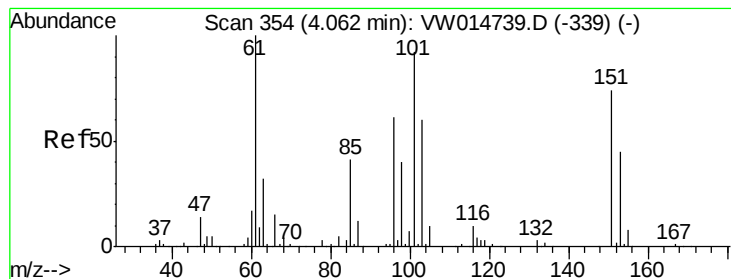


#8

Diethyl Ether
 Concen: 4.83 ug/l
 RT: 3.68 min Scan# 292
 Delta R.T. 0.01 min
 Lab File: CC.D
 Acq: 24 Jan 2020 10:07

Tgt Ion: 74 Resp: 16262
 Ion Ratio Lower Upper
 74 100
 45 114.0 52.7 158.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.72 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.00 min

Lab File: CC.D

Acq: 24 Jan 2020 10:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

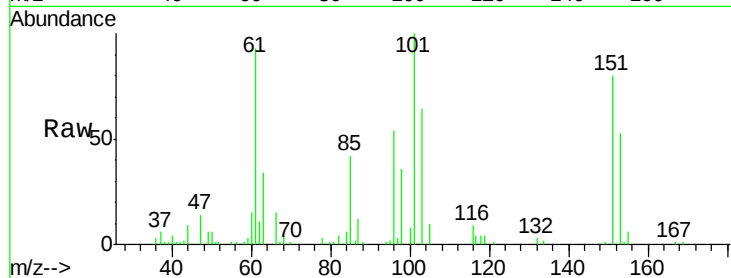
Tgt Ion:101 Resp: 36511

Ion Ratio Lower Upper

101 100

85 42.1 34.4 51.6

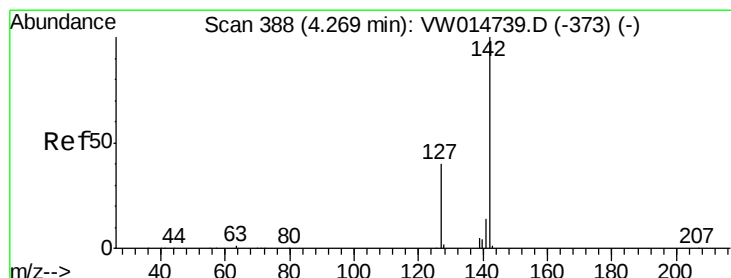
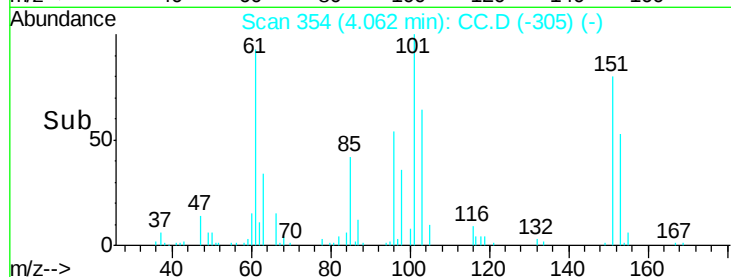
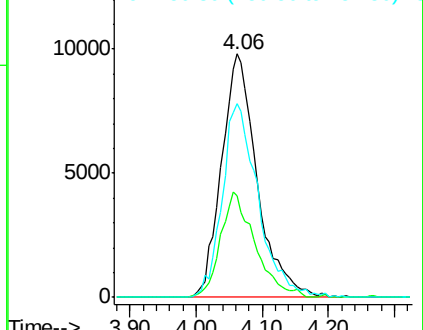
151 80.8 61.5 92.3



Abundance Ion 100.90 (100.60 to 101.60): C

Ion 84.90 (84.60 to 85.60): CC.

Ion 150.80 (150.50 to 151.50): C



#10

Methyl Iodide

Concen: 4.95 ug/l

RT: 4.26 min Scan# 387

Delta R.T. -0.01 min

Lab File: CC.D

Acq: 24 Jan 2020 10:07

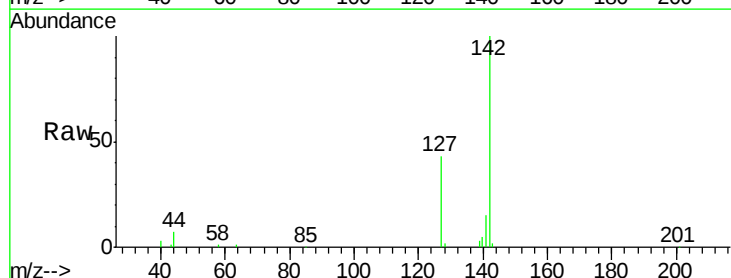
Tgt Ion:142 Resp: 47220

Ion Ratio Lower Upper

142 100

127 41.9 33.2 49.8

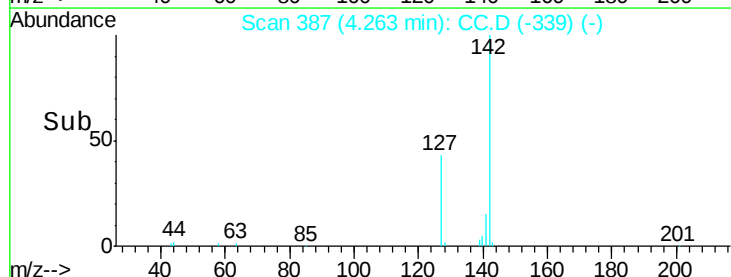
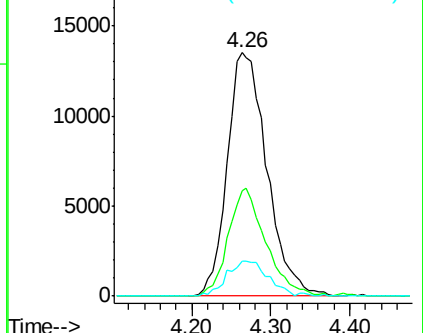
141 14.8 11.8 17.6

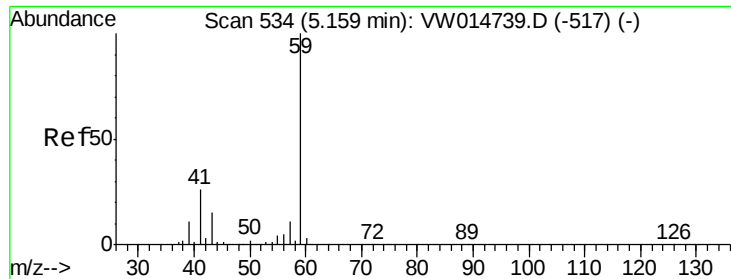


Abundance Ion 141.80 (141.50 to 142.50): C

Ion 126.80 (126.50 to 127.50): C

Ion 140.80 (140.50 to 141.50): C

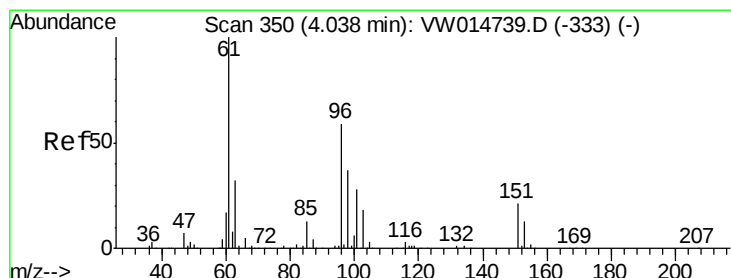
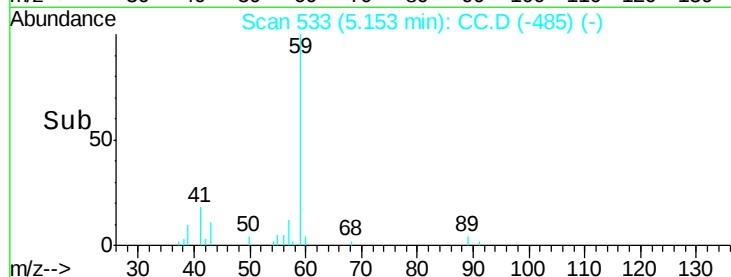
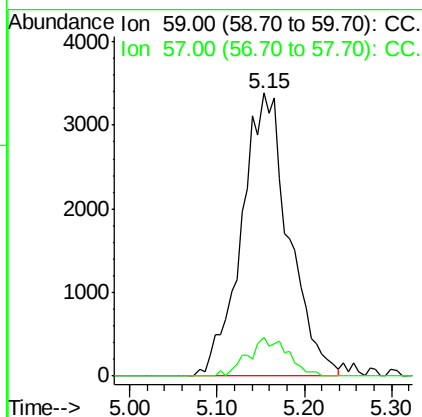
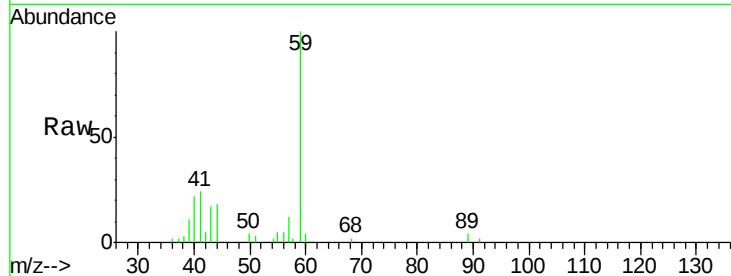




#11
Tert butyl alcohol
Concen: 25.97 ug/l
RT: 5.15 min Scan# 533
Delta R.T. -0.01 min
Lab File: CC.D
Acq: 24 Jan 2020 10:07

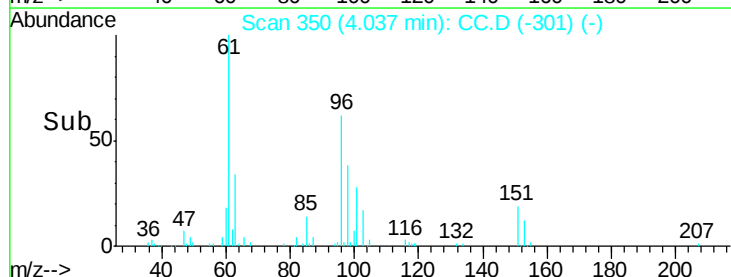
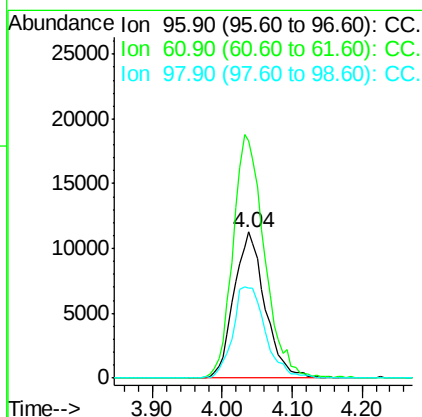
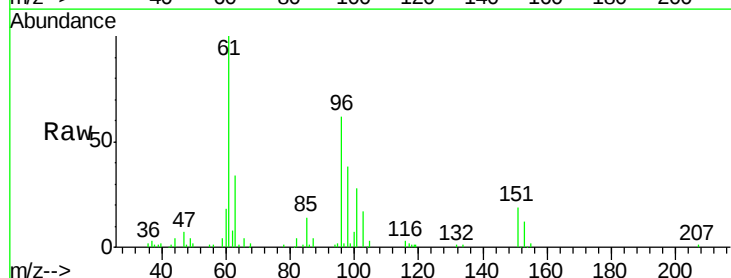
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

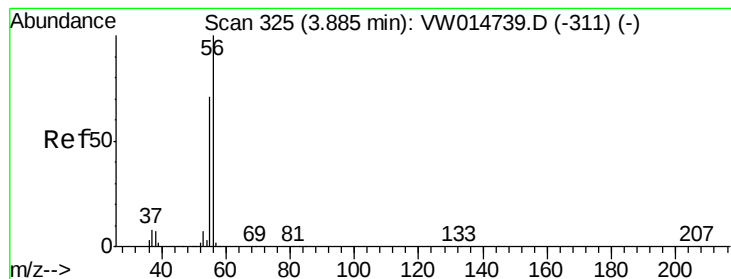
Tgt Ion: 59 Resp: 12780
Ion Ratio Lower Upper
59 100
57 11.5 8.6 12.8



#12
1,1-Dichloroethene
Concen: 5.23 ug/l
RT: 4.04 min Scan# 350
Delta R.T. -0.00 min
Lab File: CC.D
Acq: 24 Jan 2020 10:07

Tgt Ion: 96 Resp: 34957
Ion Ratio Lower Upper
96 100
61 162.5 136.3 204.5
98 61.6 51.0 76.6





#13

Acrolein

Concen: 25.43 ug/l

RT: 3.89 min Scan# 325

Delta R.T. -0.00 min

Lab File: CC.D

Acq: 24 Jan 2020 10:07

Instrument :

MSVOA_W

ClientSampleId :

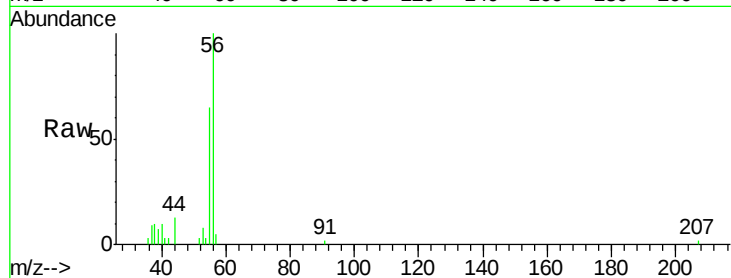
VSTDIC005

Tgt Ion: 56 Resp: 12328

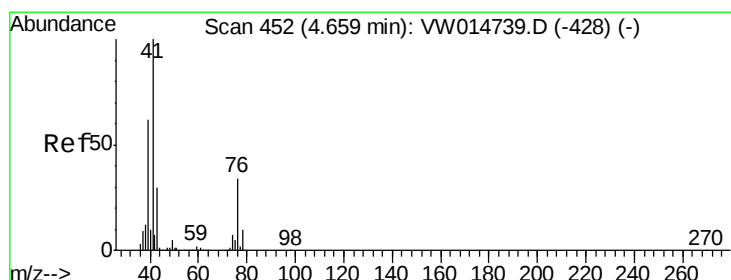
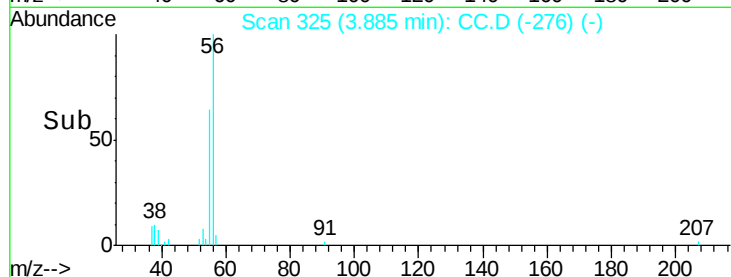
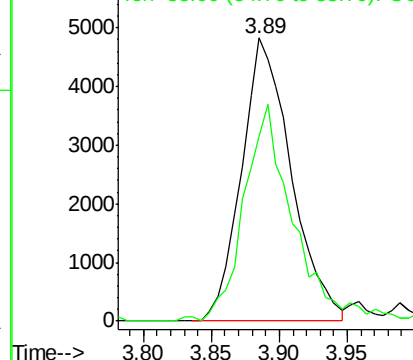
Ion Ratio Lower Upper

56 100

55 76.2 55.7 83.5



Abundance Ion 56.00 (55.70 to 56.70): CC.
Ion 55.00 (54.70 to 55.70): CC.



#14

Allyl chloride

Concen: 5.48 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.00 min

Lab File: CC.D

Acq: 24 Jan 2020 10:07

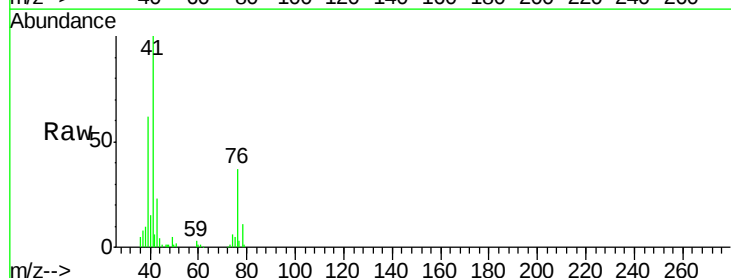
Tgt Ion: 41 Resp: 56727

Ion Ratio Lower Upper

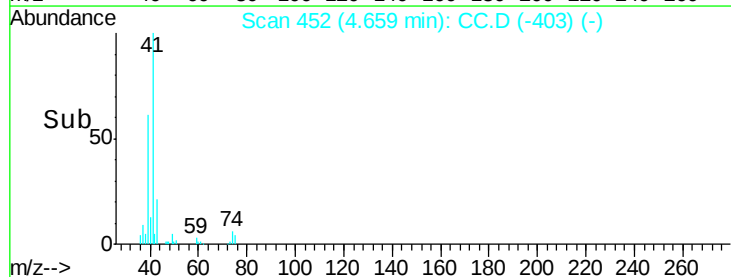
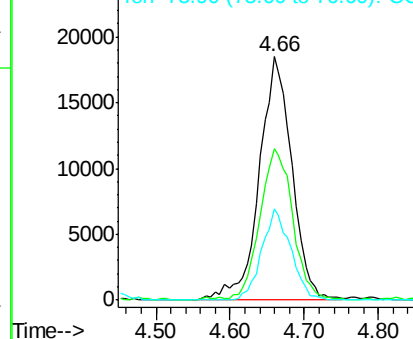
41 100

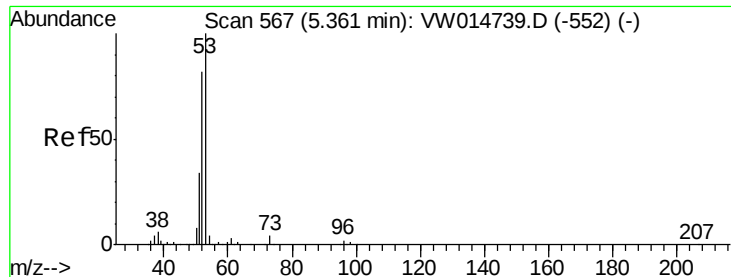
39 63.4 50.0 75.0

76 33.2 26.7 40.1



Abundance Ion 41.00 (40.70 to 41.70): CC.
Ion 39.00 (38.70 to 39.70): CC.
Ion 75.90 (75.60 to 76.60): CC.





#15

Acrylonitrile

Concen: 24.98 ug/l

RT: 5.36 min Scan# 567

Delta R.T. -0.00 min

Lab File: CC.D

Acq: 24 Jan 2020 10:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

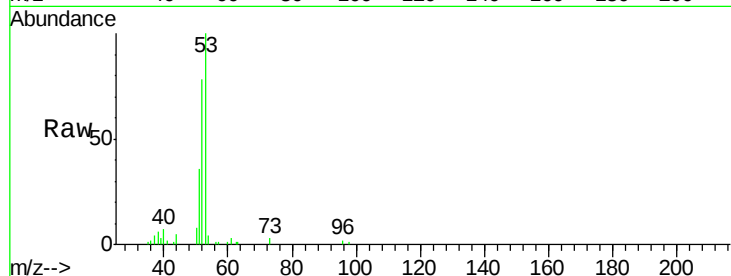
Tgt Ion: 53 Resp: 38038

Ion Ratio Lower Upper

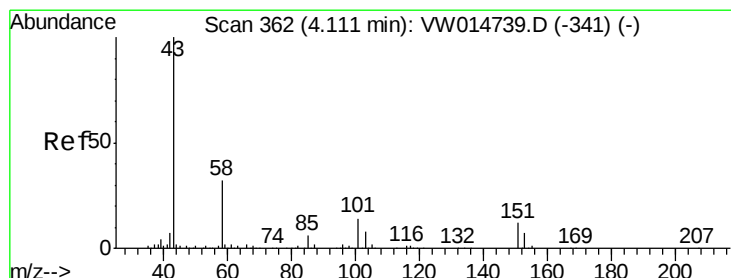
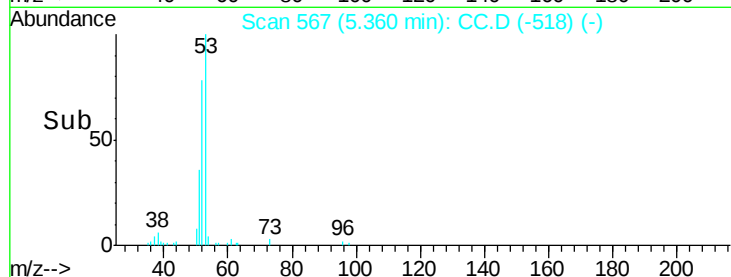
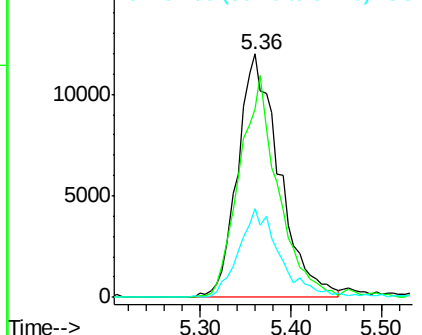
53 100

52 84.4 66.0 99.0

51 36.4 28.6 43.0



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



#16

Acetone

Concen: 30.56 ug/l

RT: 4.12 min Scan# 363

Delta R.T. 0.01 min

Lab File: CC.D

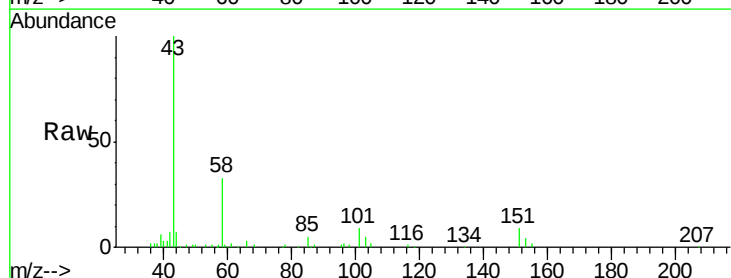
Acq: 24 Jan 2020 10:07

Tgt Ion: 43 Resp: 49201

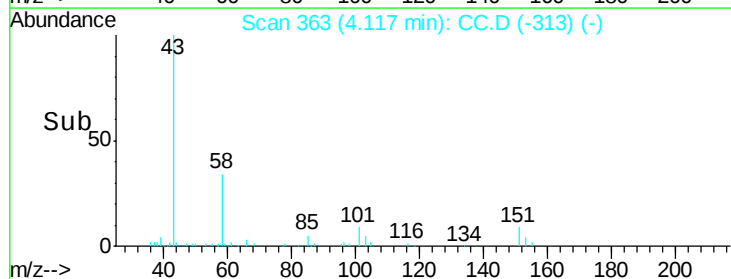
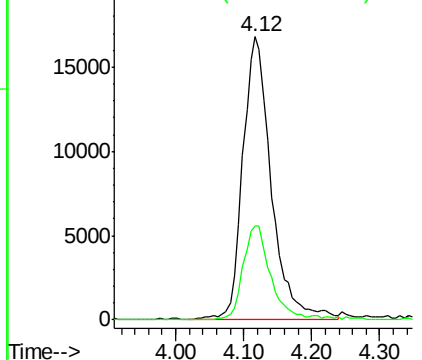
Ion Ratio Lower Upper

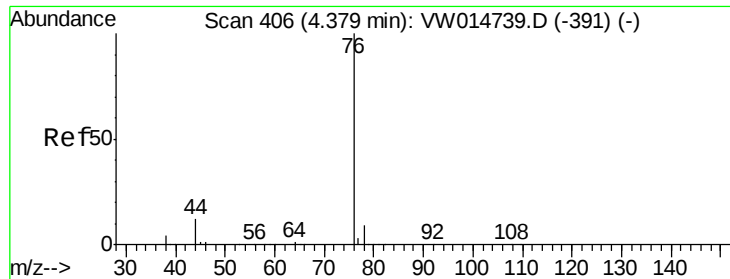
43 100

58 33.2 25.6 38.4



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

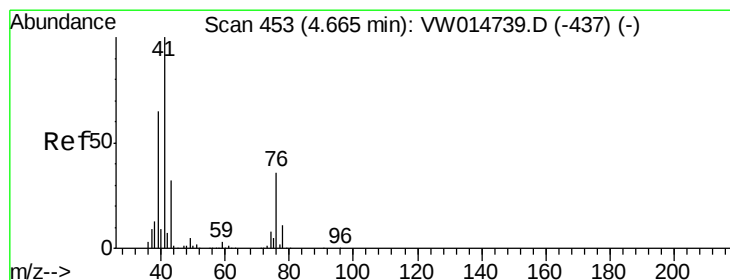
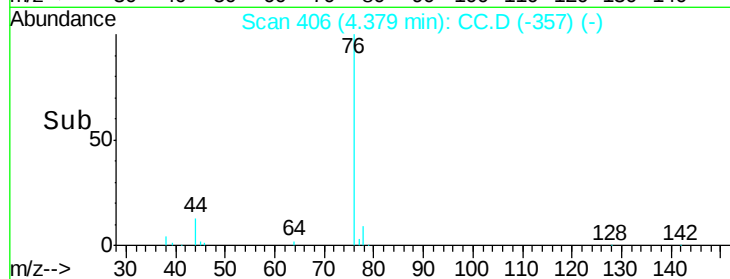
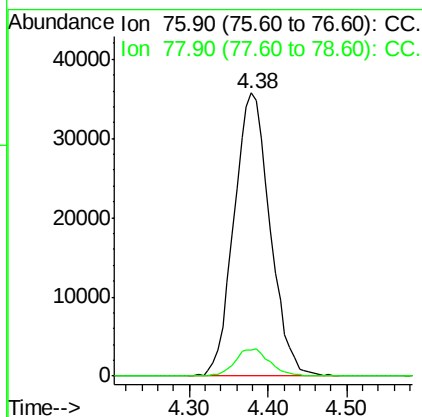
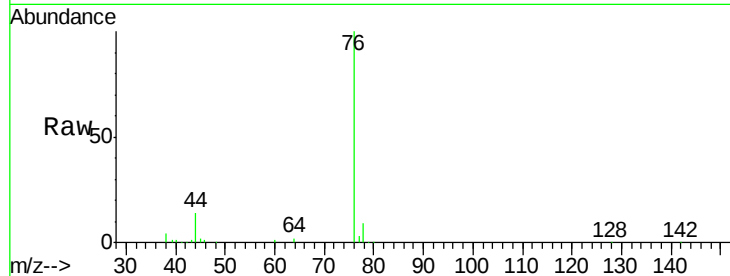




#17
Carbon Disulfide
Concen: 5.57 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.00 min
Lab File: CC.D
Acq: 24 Jan 2020 10:07

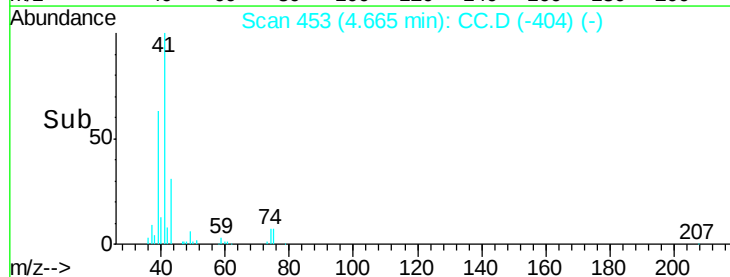
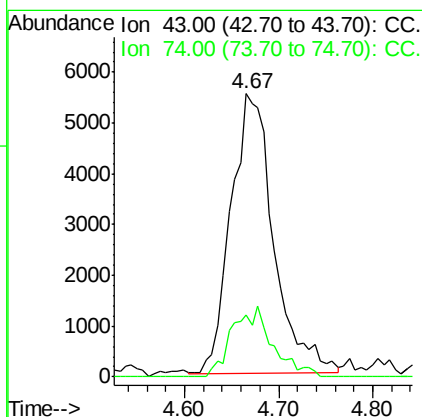
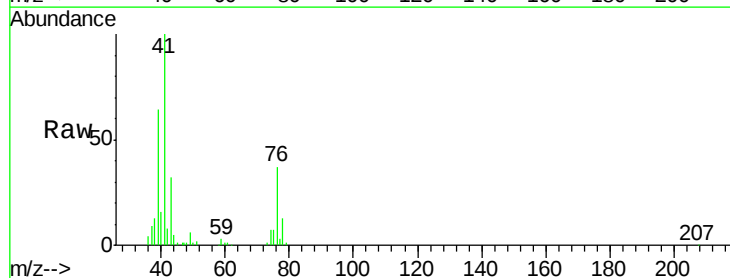
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

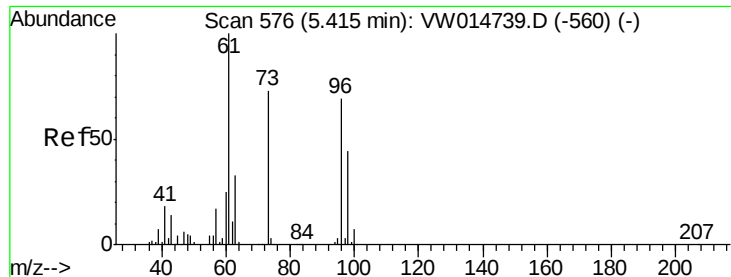
Tgt Ion: 76 Resp: 113220
Ion Ratio Lower Upper
76 100
78 9.4 7.2 10.8



#18
Methyl Acetate
Concen: 4.56 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.00 min
Lab File: CC.D
Acq: 24 Jan 2020 10:07

Tgt Ion: 43 Resp: 17509
Ion Ratio Lower Upper
43 100
74 23.7 18.4 27.6





#19

Methyl tert-butyl Ether

Concen: 5.02 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.00 min

Lab File: CC.D

Acq: 24 Jan 2020 10:07

Instrument :

MSVOA_W

ClientSampled :

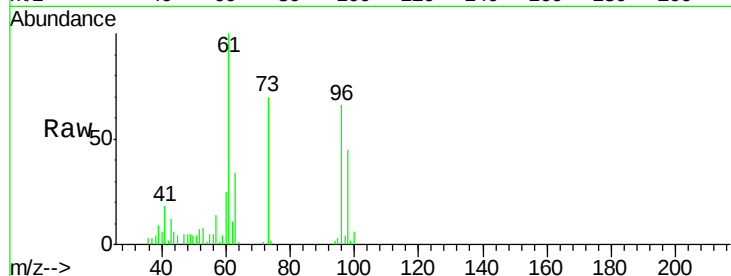
VSTDIC005

Tgt Ion: 73 Resp: 41558

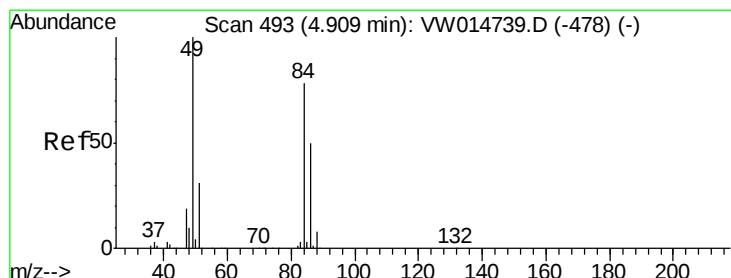
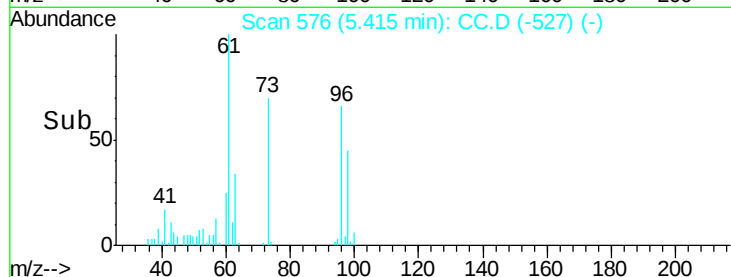
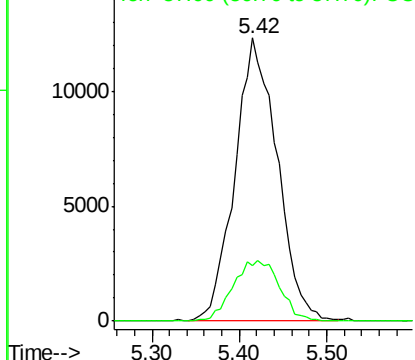
Ion Ratio Lower Upper

73 100

57 19.5 18.5 27.7



Abundance Ion 73.00 (72.70 to 73.70): CC.
Ion 57.00 (56.70 to 57.70): CC.



#20

Methylene Chloride

Concen: 6.29 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.01 min

Lab File: CC.D

Acq: 24 Jan 2020 10:07

Tgt Ion: 84 Resp: 48349

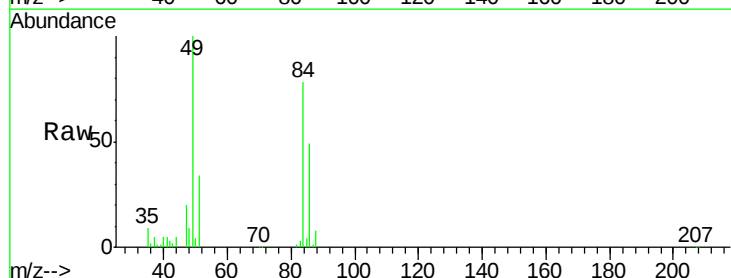
Ion Ratio Lower Upper

84 100

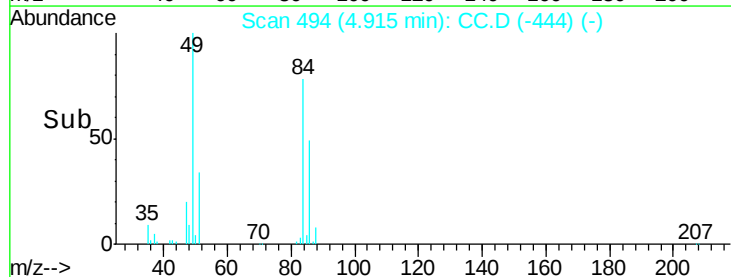
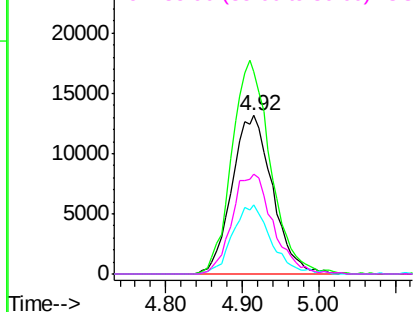
49 127.8 103.1 154.7

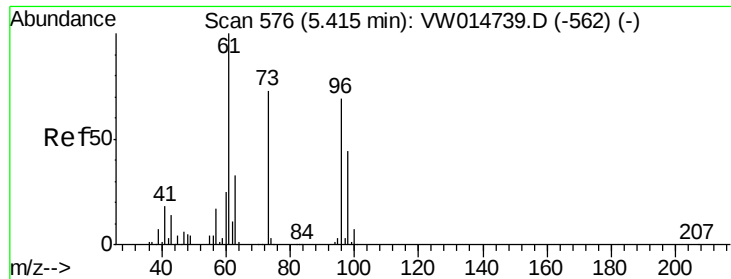
51 44.1 32.1 48.1

86 63.3 51.5 77.3



Abundance Ion 83.90 (83.60 to 84.60): CC.
Ion 48.90 (48.60 to 49.60): CC.
Ion 50.90 (50.60 to 51.60): CC.
Ion 85.90 (85.60 to 86.60): CC.





#21

trans-1,2-Dichloroethene

Concen: 5.32 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.01 min

Lab File: CC.D

Acq: 24 Jan 2020 10:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

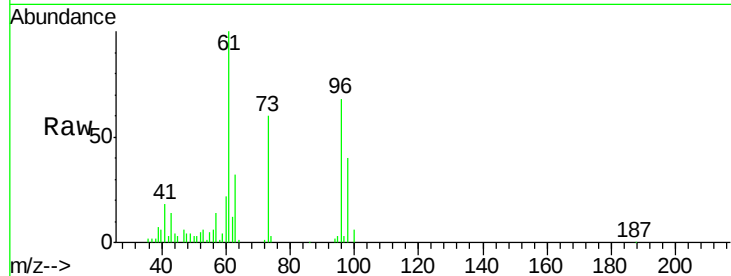
Tgt Ion: 96 Resp: 37745

Ion Ratio Lower Upper

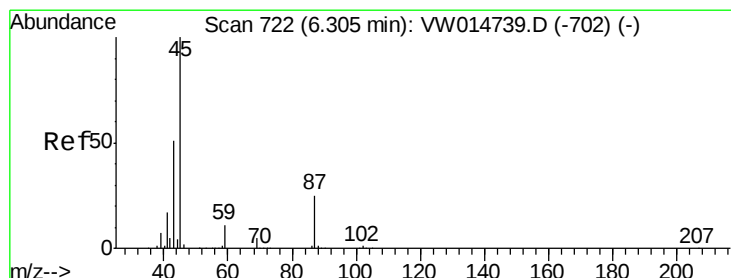
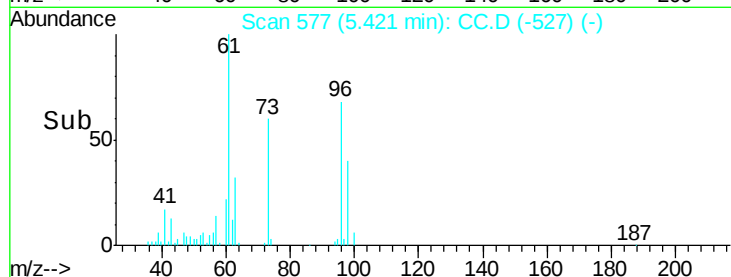
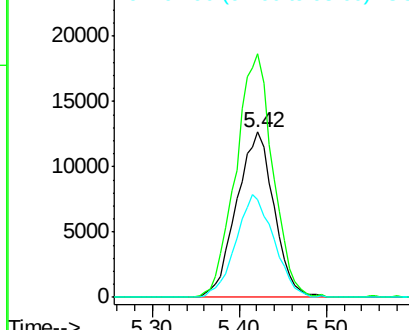
96 100

61 147.6 116.1 174.1

98 59.1 51.6 77.4



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



#22

Diisopropyl ether

Concen: 5.12 ug/l

RT: 6.30 min Scan# 721

Delta R.T. -0.01 min

Lab File: CC.D

Acq: 24 Jan 2020 10:07

Tgt Ion: 45 Resp: 99119

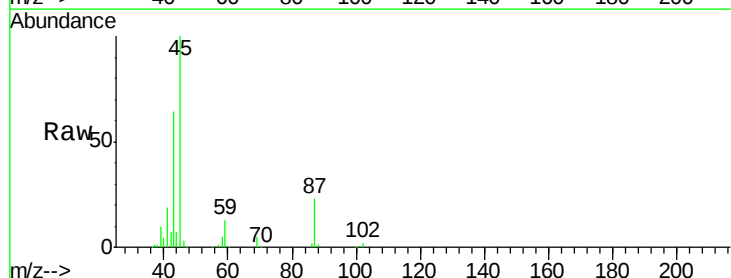
Ion Ratio Lower Upper

45 100

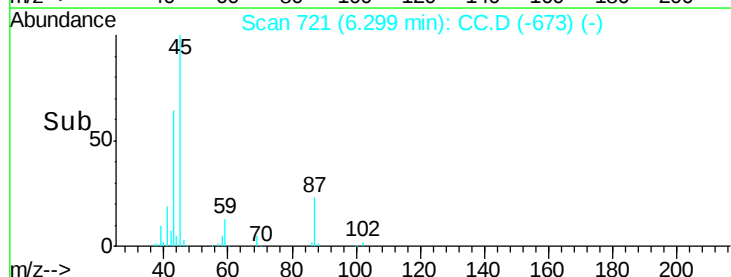
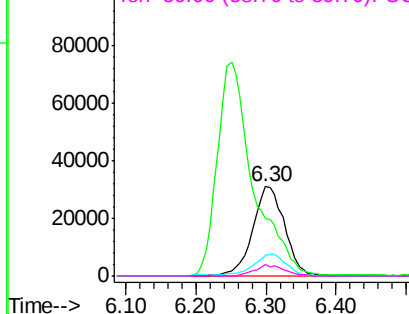
43 63.5 40.9 61.3#

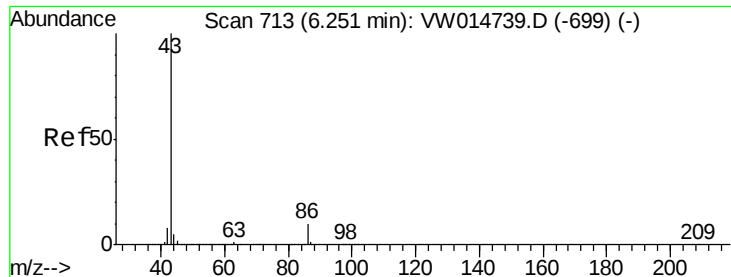
87 22.6 20.3 30.5

59 13.1 9.1 13.7



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





#23

Vinyl Acetate

Concen: 23.15 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.00 min

Lab File: CC.D

Acq: 24 Jan 2020 10:07

Instrument :

MSVOA_W

ClientSampleId :

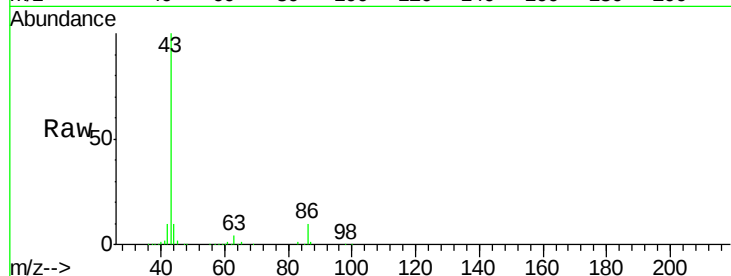
VSTDIC005

Tgt Ion: 43 Resp: 267071

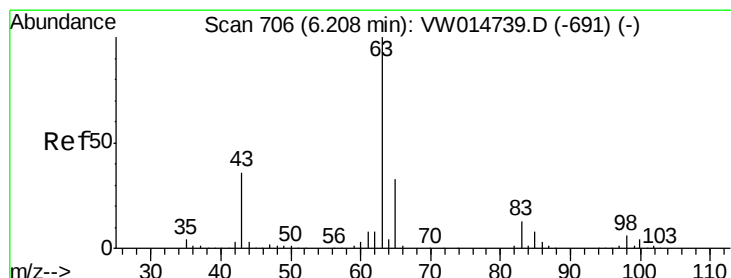
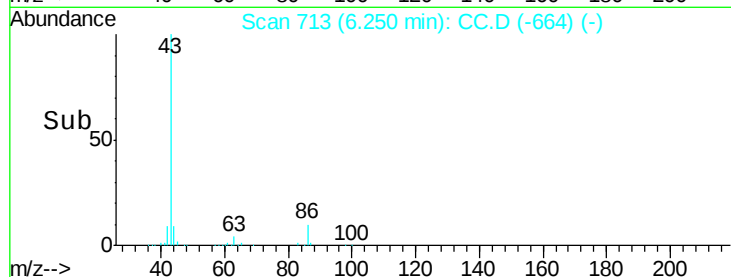
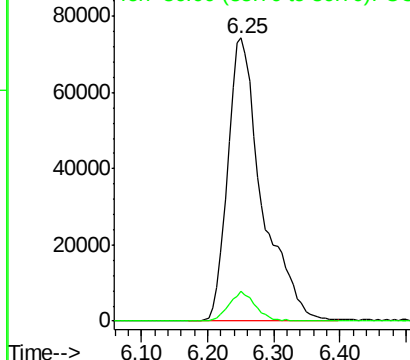
Ion Ratio Lower Upper

43 100

86 10.4 7.9 11.9



Abundance Ion 43.00 (42.70 to 43.70): CC.
Ion 86.00 (85.70 to 86.70): CC.



#24

1,1-Dichloroethane

Concen: 5.67 ug/l

RT: 6.21 min Scan# 706

Delta R.T. -0.00 min

Lab File: CC.D

Acq: 24 Jan 2020 10:07

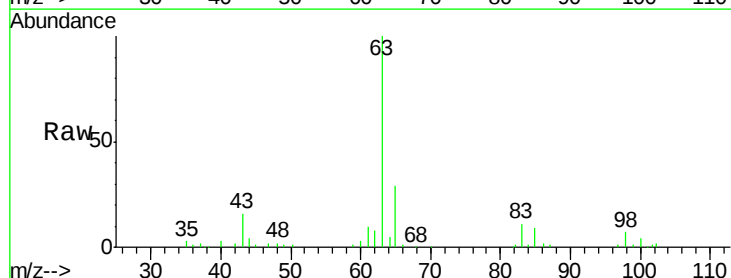
Tgt Ion: 63 Resp: 68829

Ion Ratio Lower Upper

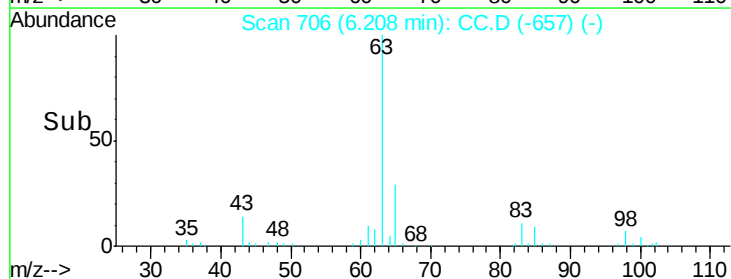
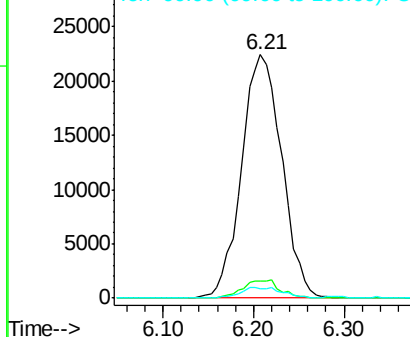
63 100

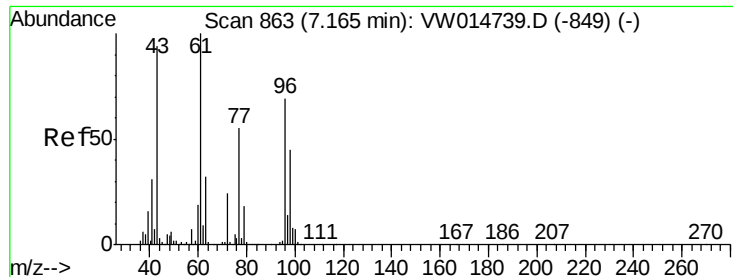
98 6.8 3.3 9.8

100 3.8 2.1 6.5



Abundance Ion 62.90 (62.60 to 63.60): CC.
Ion 97.90 (97.60 to 98.60): CC.
Ion 99.90 (99.60 to 100.60): CC.

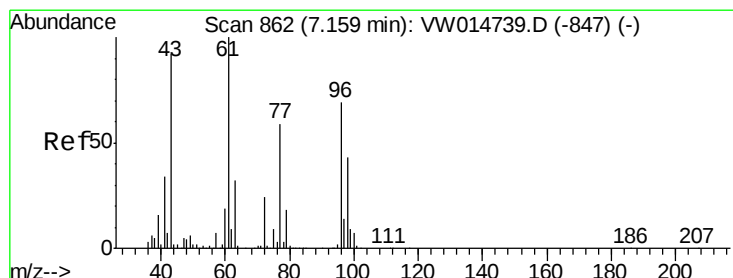
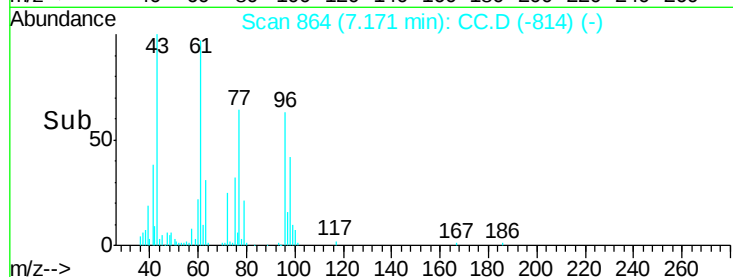
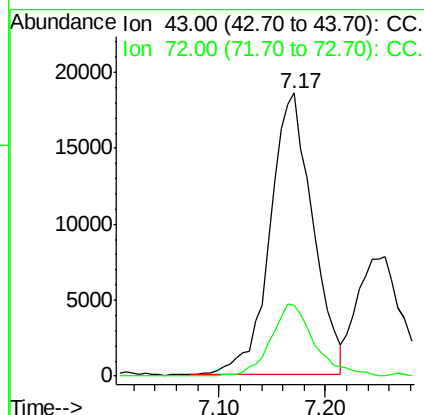
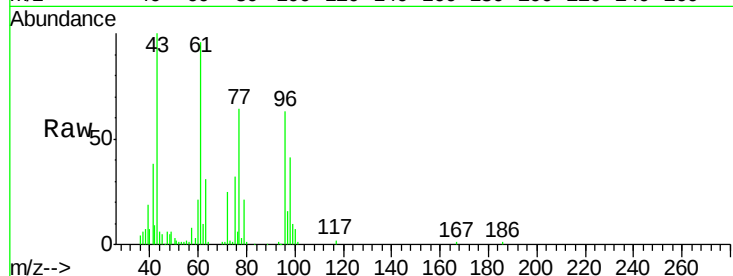




#25
2-Butanone
Concen: 24.95 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.01 min
Lab File: CC.D
Acq: 24 Jan 2020 10:07

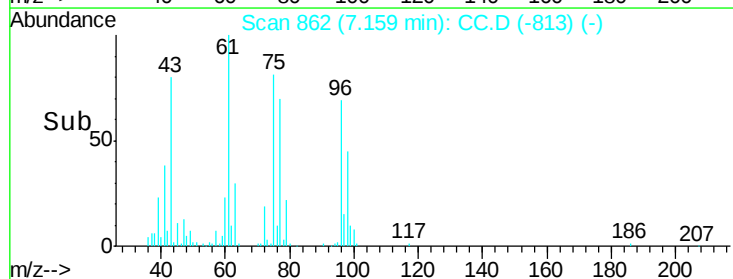
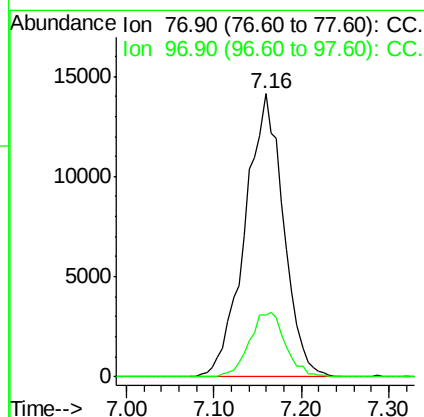
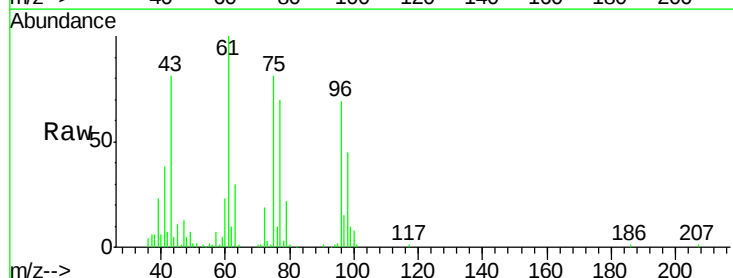
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

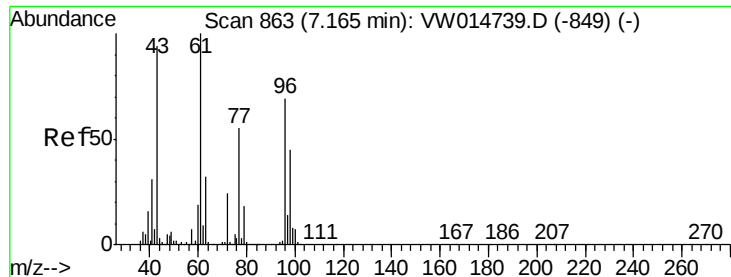
Tgt Ion: 43 Resp: 51603
Ion Ratio Lower Upper
43 100
72 25.3 20.2 30.4



#26
2,2-Dichloropropane
Concen: 6.43 ug/l
RT: 7.16 min Scan# 862
Delta R.T. -0.00 min
Lab File: CC.D
Acq: 24 Jan 2020 10:07

Tgt Ion: 77 Resp: 43248
Ion Ratio Lower Upper
77 100
97 21.2 11.9 35.9





#27

cis-1,2-Dichloroethene

Concen: 4.97 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: CC.D

Acq: 24 Jan 2020 10:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

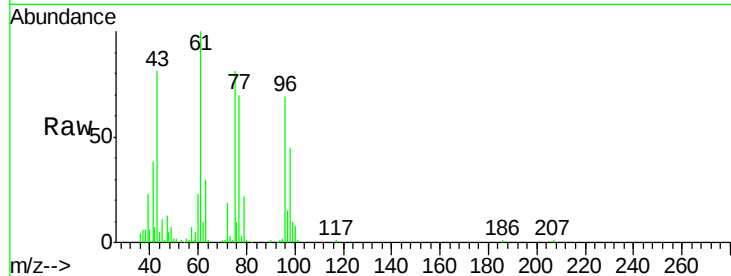
Tgt Ion: 96 Resp: 36974

Ion Ratio Lower Upper

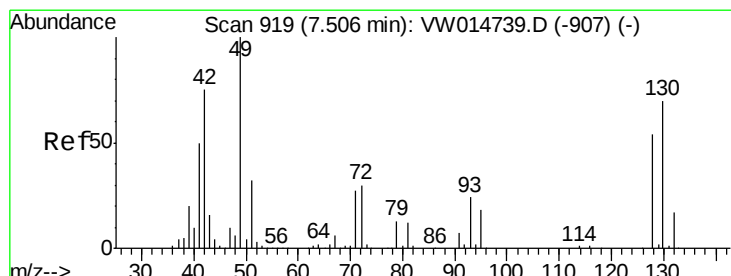
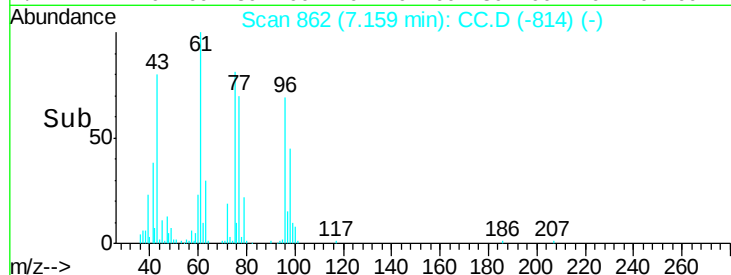
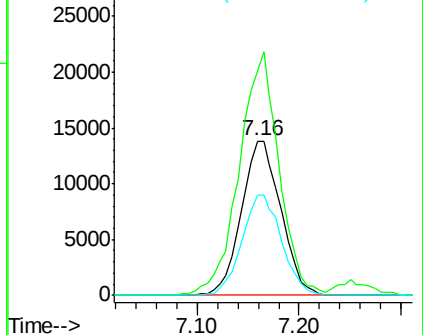
96 100

61 160.0 0.0 292.2

98 65.5 0.0 127.6



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



#28

Bromochloromethane

Concen: 5.96 ug/l

RT: 7.50 min Scan# 918

Delta R.T. -0.01 min

Lab File: CC.D

Acq: 24 Jan 2020 10:07

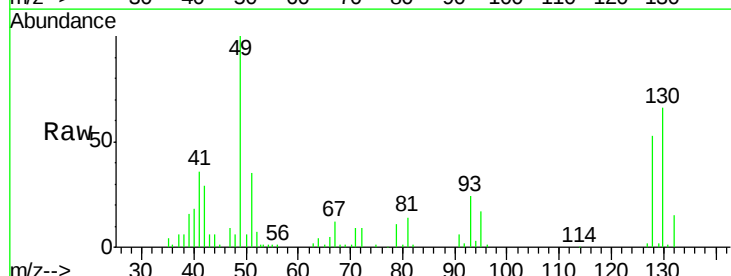
Tgt Ion: 49 Resp: 28088

Ion Ratio Lower Upper

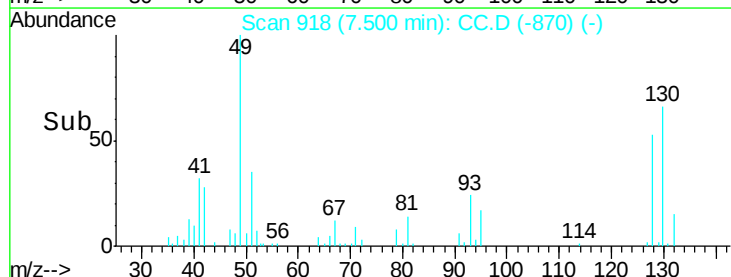
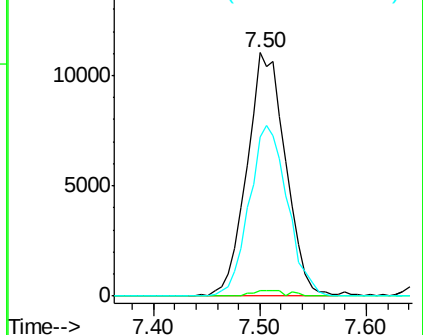
49 100

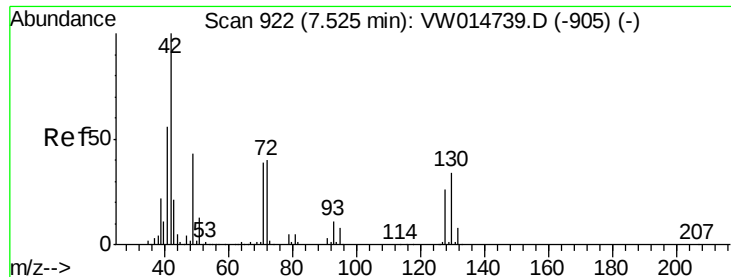
129 1.7 0.0 2.6

130 69.2 56.7 85.1



Abundance Ion 48.90 (48.60 to 49.60): CC.
Ion 128.80 (128.50 to 129.50): C
Ion 129.80 (129.50 to 130.50): C

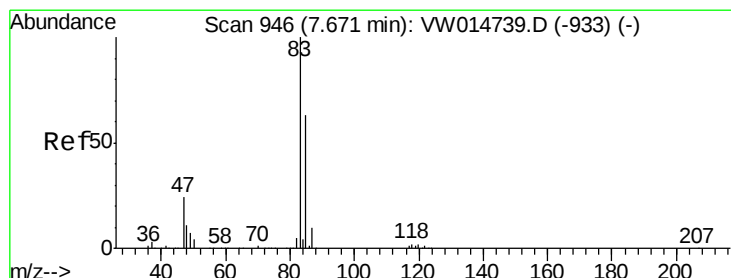
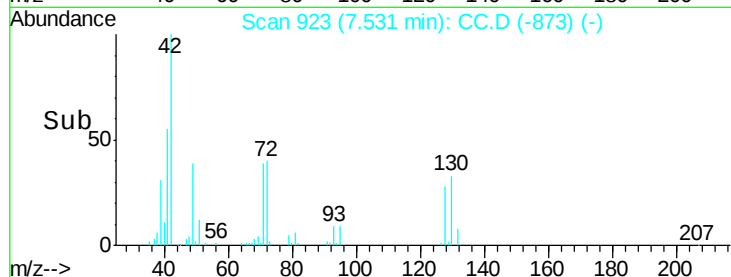
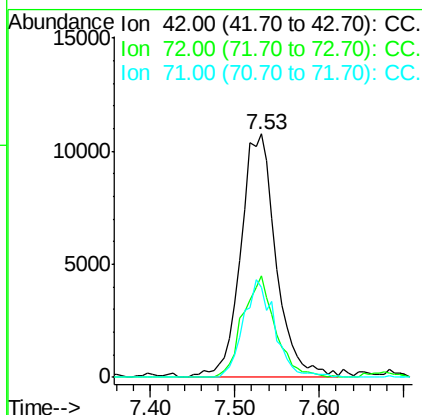
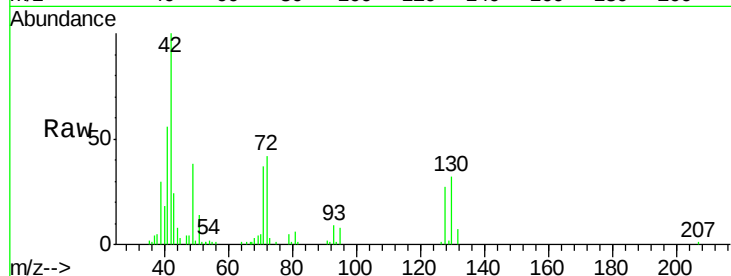




#29
Tetrahydrofuran
Concen: 23.66 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.01 min
Lab File: CC.D
Acq: 24 Jan 2020 10:07

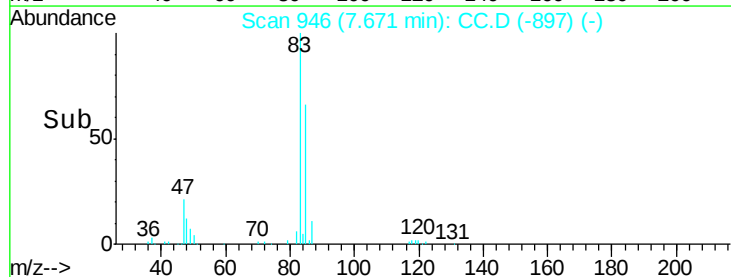
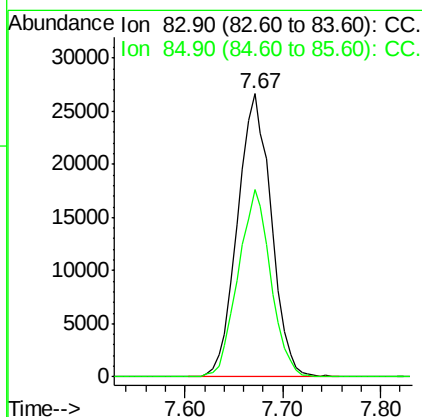
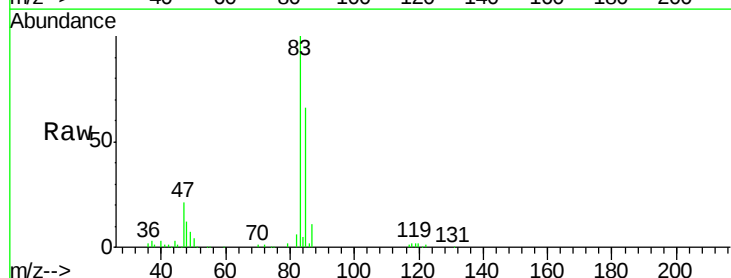
Instrument :
MSVOA_W
ClientSampled :
VSTDIC005

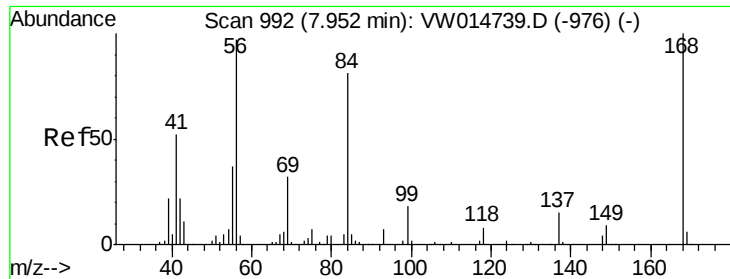
Tgt Ion: 42 Resp: 30477
Ion Ratio Lower Upper
42 100
72 38.4 32.3 48.5
71 35.6 31.0 46.4



#30
Chloroform
Concen: 5.61 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.00 min
Lab File: CC.D
Acq: 24 Jan 2020 10:07

Tgt Ion: 83 Resp: 63657
Ion Ratio Lower Upper
83 100
85 66.2 50.1 75.1

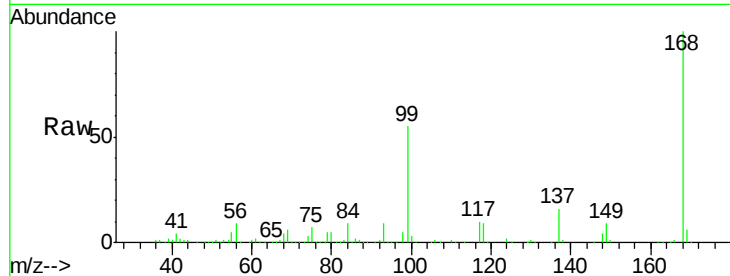




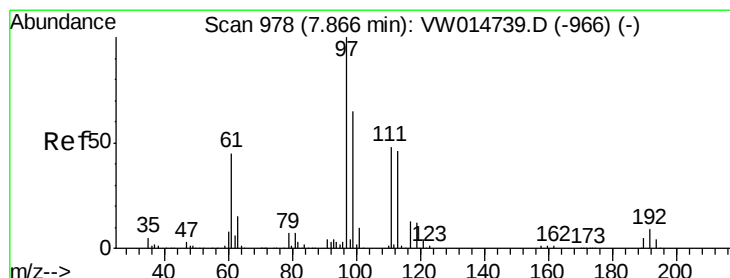
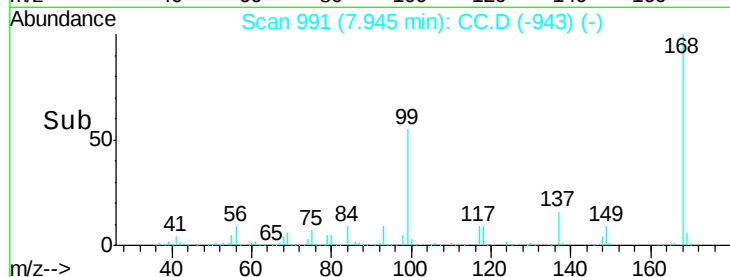
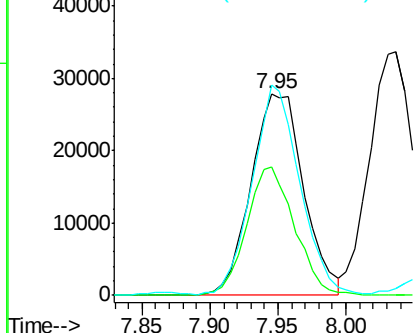
#31
Cyclohexane
Concen: 5.99 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: CC.D
Acq: 24 Jan 2020 10:07

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tgt Ion: 56 Resp: 75459
Ion Ratio Lower Upper
56 100
69 64.0 26.0 39.0#
84 103.7 66.6 99.8#

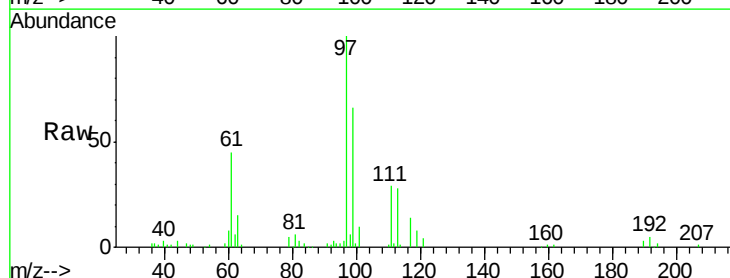


Abundance Ion 56.00 (55.70 to 56.70): CC.
Ion 69.00 (68.70 to 69.70): CC.
Ion 84.00 (83.70 to 84.70): CC.

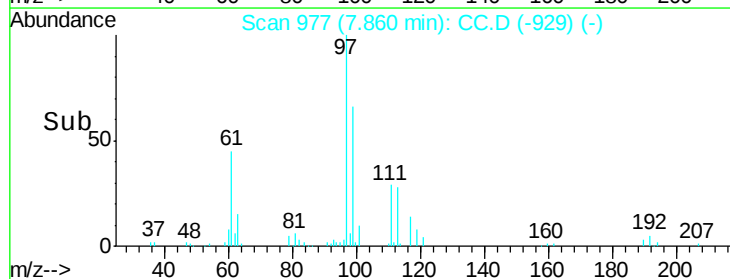
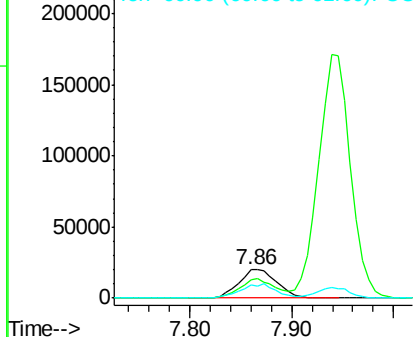


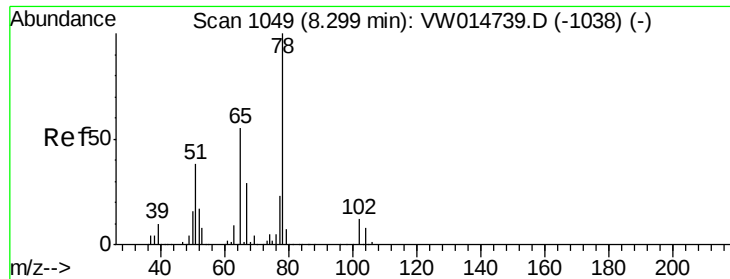
#32
1,1,1-Trichloroethane
Concen: 5.70 ug/l
RT: 7.86 min Scan# 977
Delta R.T. -0.01 min
Lab File: CC.D
Acq: 24 Jan 2020 10:07

Tgt Ion: 97 Resp: 51935
Ion Ratio Lower Upper
97 100
99 63.1 52.2 78.4
61 46.5 36.2 54.4



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

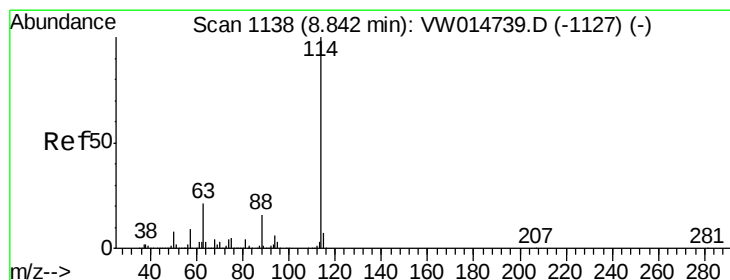
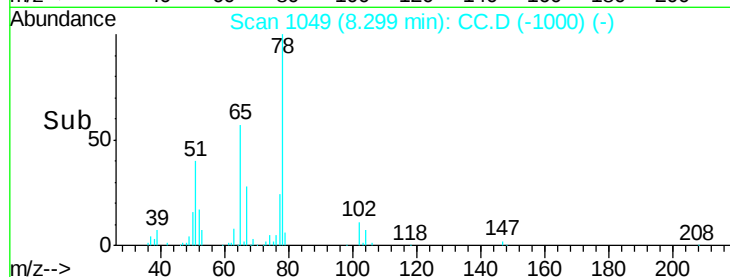
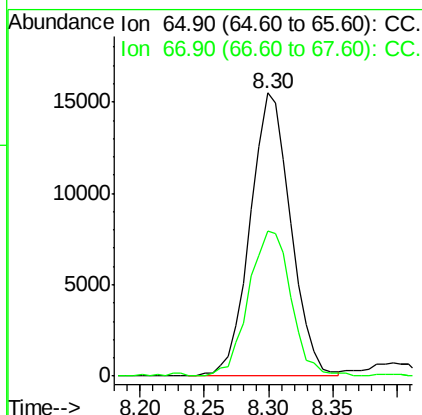
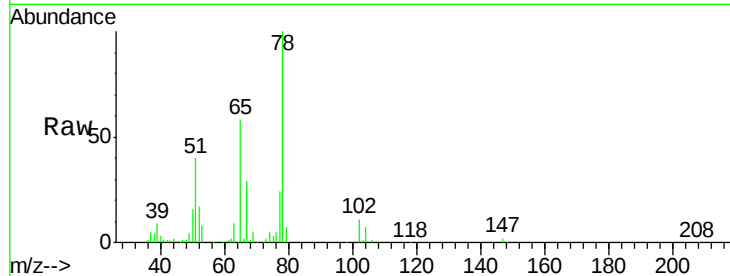




#33
 1,2-Dichloroethane-d4
 Concen: 5.72 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.00 min
 Lab File: CC.D
 Acq: 24 Jan 2020 10:07

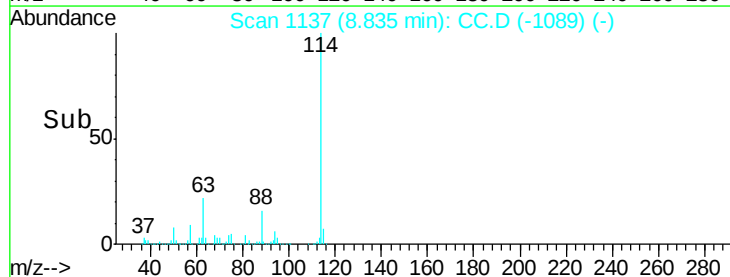
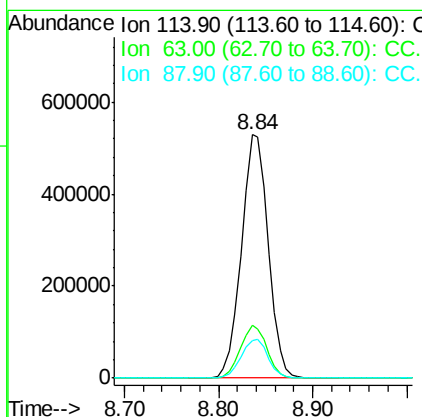
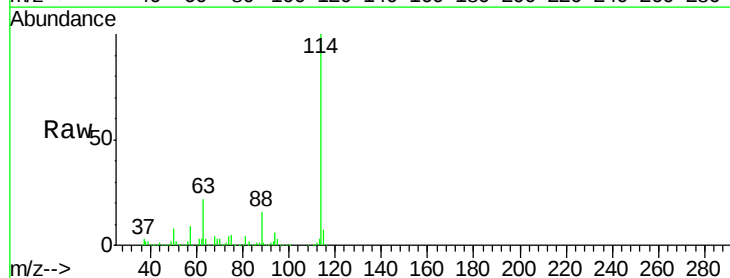
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

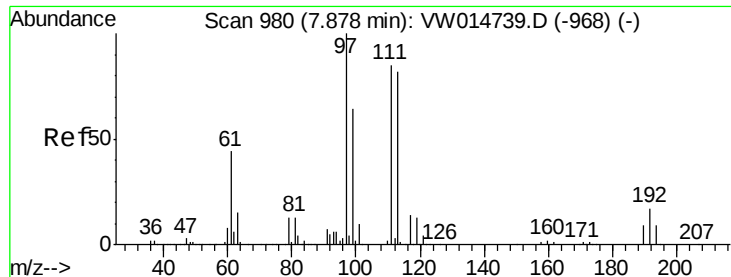
Tgt Ion: 65 Resp: 33748
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 106.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.84 min Scan# 1137
 Delta R.T. -0.01 min
 Lab File: CC.D
 Acq: 24 Jan 2020 10:07

Tgt Ion: 114 Resp: 1049532
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 41.2
 88 15.6 0.0 32.2

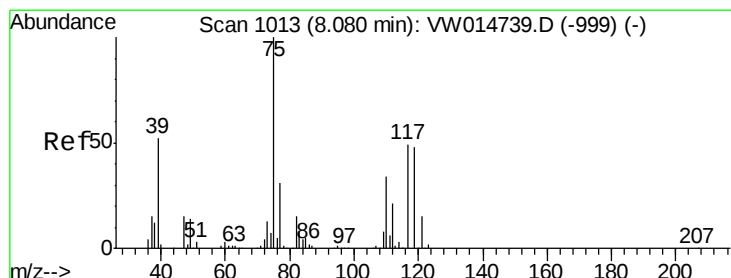
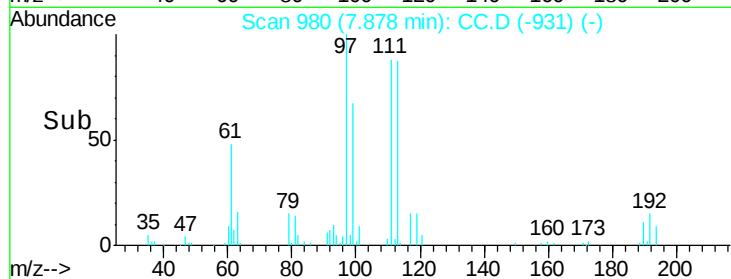
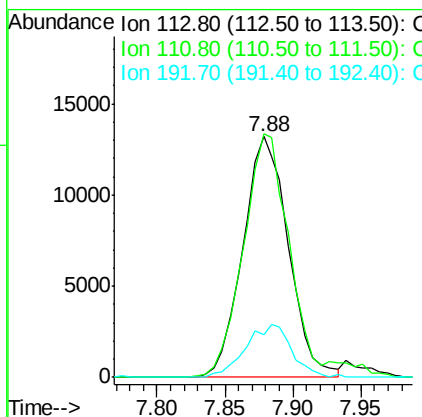
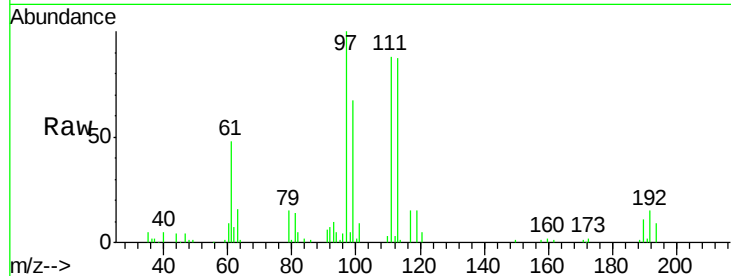




#35
 Dibromofluoromethane
 Concen: 5.12 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.00 min
 Lab File: CC.D
 Acq: 24 Jan 2020 10:07

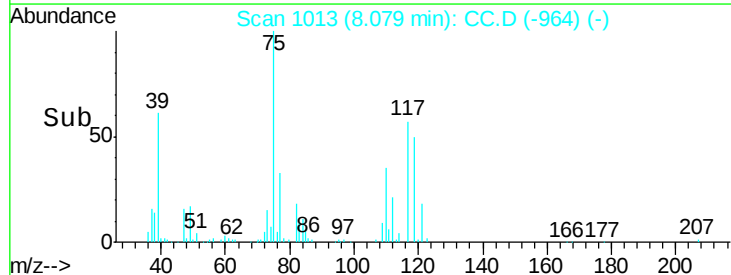
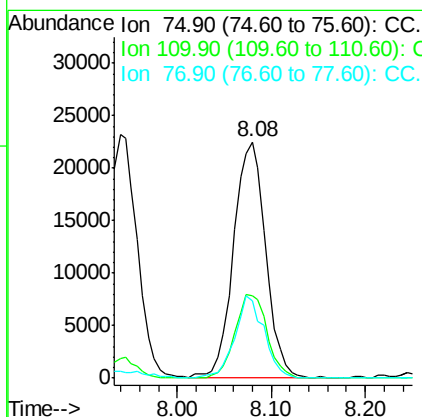
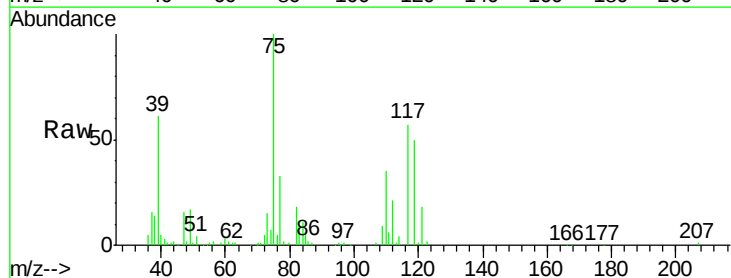
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

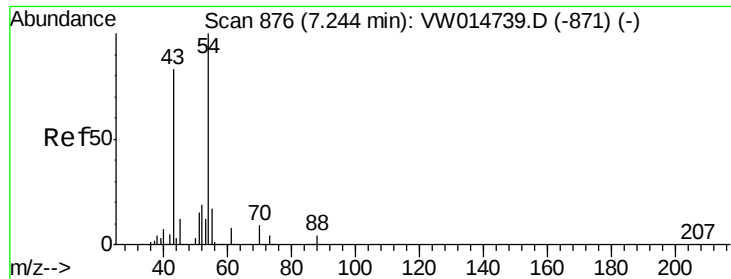
Tgt Ion:113 Resp: 30975
 Ion Ratio Lower Upper
 113 100
 111 105.2 82.2 123.2
 192 21.9 17.0 25.6



#36
 1,1-Dichloropropene
 Concen: 5.22 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: CC.D
 Acq: 24 Jan 2020 10:07

Tgt Ion: 75 Resp: 53574
 Ion Ratio Lower Upper
 75 100
 110 35.4 17.1 51.2
 77 31.8 24.8 37.2

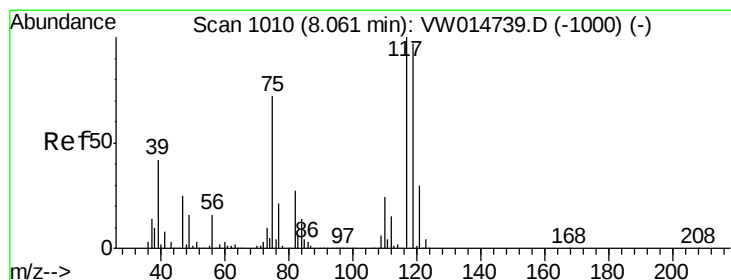
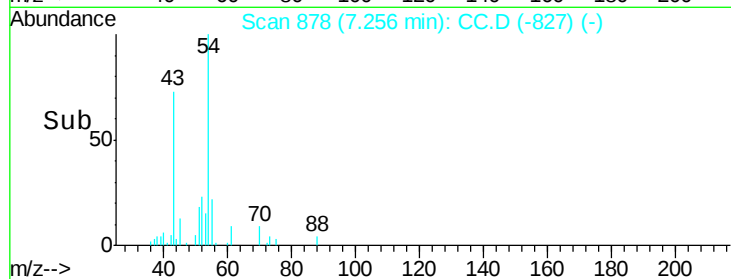
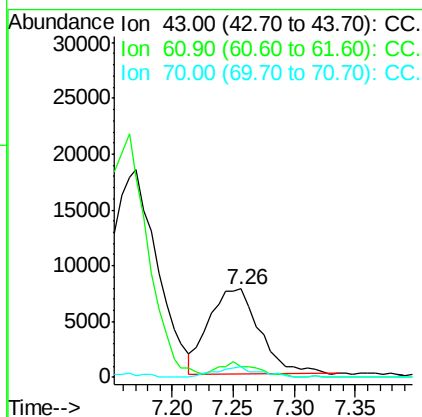
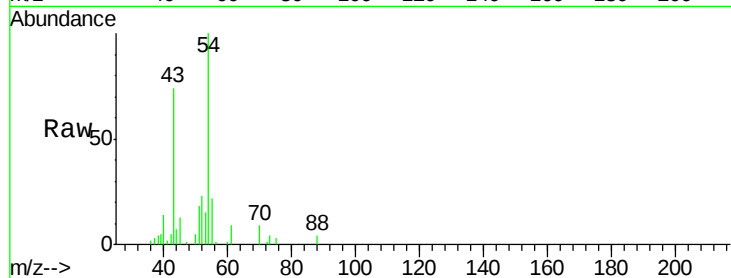




#37
Ethyl Acetate
Concen: 4.88 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.01 min
Lab File: CC.D
Acq: 24 Jan 2020 10:07

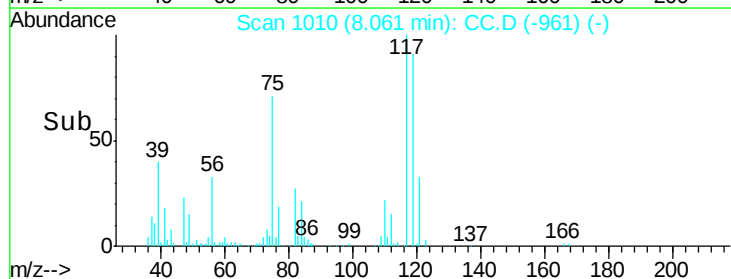
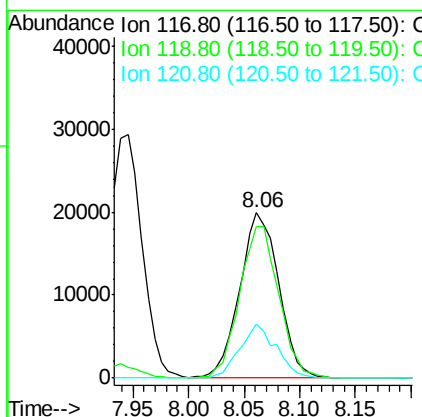
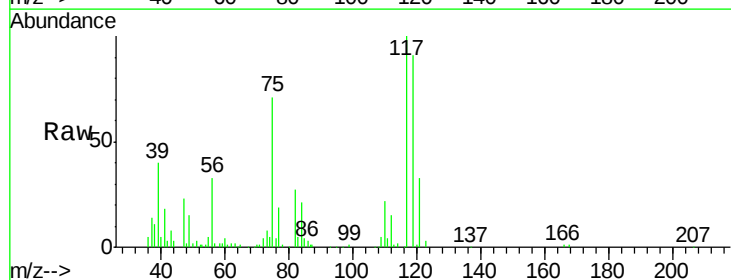
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

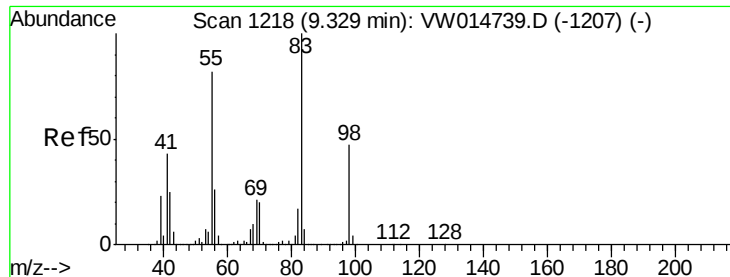
Tgt Ion: 43 Resp: 22151
Ion Ratio Lower Upper
43 100
61 13.4 10.7 16.1
70 10.8 8.5 12.7



#38
Carbon Tetrachloride
Concen: 5.48 ug/l
RT: 8.06 min Scan# 1010
Delta R.T. -0.00 min
Lab File: CC.D
Acq: 24 Jan 2020 10:07

Tgt Ion: 117 Resp: 48776
Ion Ratio Lower Upper
117 100
119 91.4 77.5 116.3
121 32.6 24.3 36.5

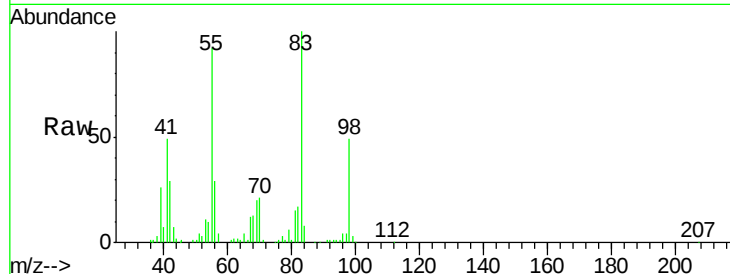




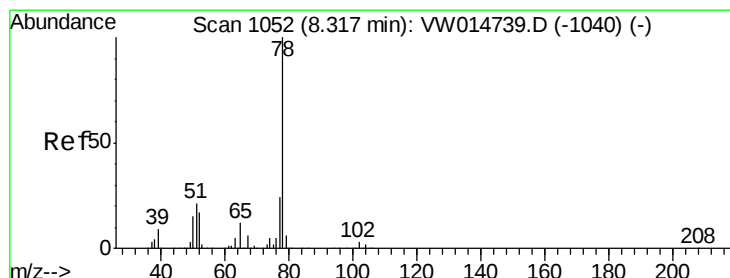
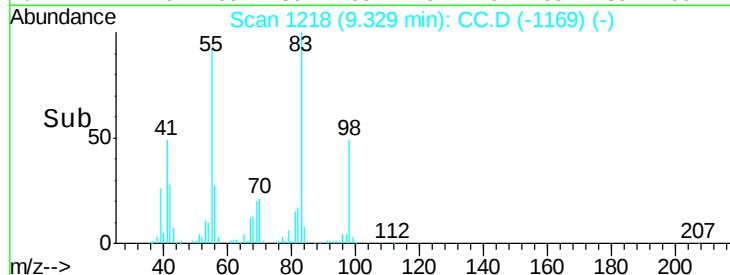
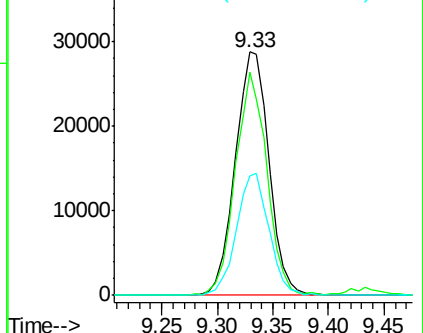
#39
Methylcyclohexane
Concen: 4.61 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. -0.00 min
Lab File: CC.D
Acq: 24 Jan 2020 10:07

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tgt Ion: 83 Resp: 60216
Ion Ratio Lower Upper
83 100
55 91.9 65.2 97.8
98 49.3 37.6 56.4

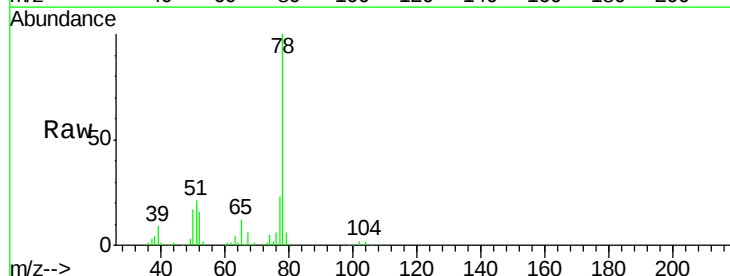


Abundance Ion 83.00 (82.70 to 83.70): CC.
Ion 55.00 (54.70 to 55.70): CC.
Ion 98.00 (97.70 to 98.70): CC.

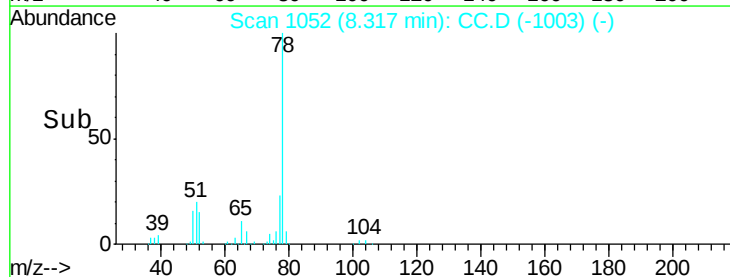
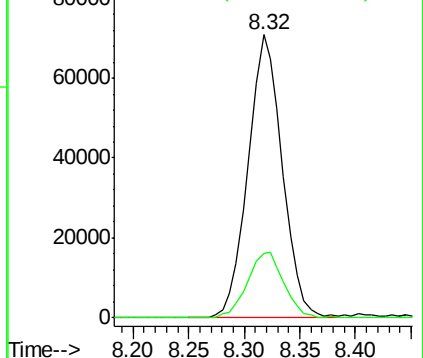


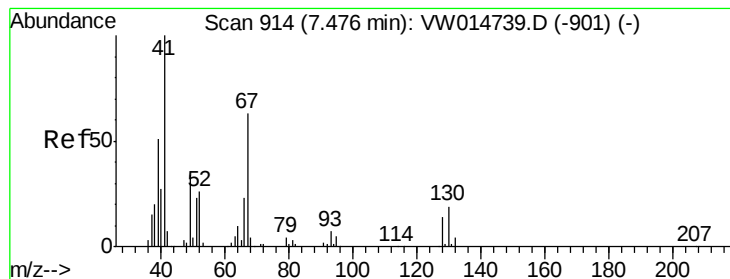
#40
Benzene
Concen: 5.22 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. -0.00 min
Lab File: CC.D
Acq: 24 Jan 2020 10:07

Tgt Ion: 78 Resp: 151659
Ion Ratio Lower Upper
78 100
77 23.0 19.1 28.7



Abundance Ion 78.00 (77.70 to 78.70): CC.
Ion 77.00 (76.70 to 77.70): CC.





#41

Methacrylonitrile

Concen: 4.22 ug/l

RT: 7.48 min Scan# 915

Delta R.T. 0.01 min

Lab File: CC.D

Acq: 24 Jan 2020 10:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

Tgt Ion: 41 Resp: 10745

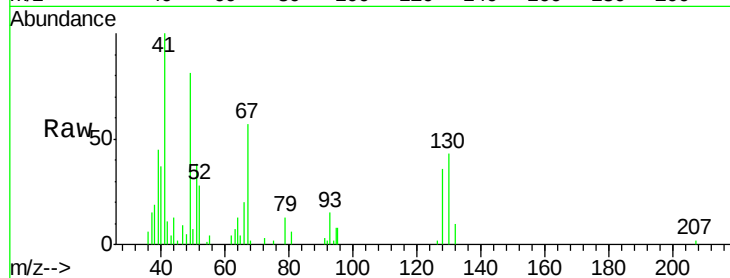
Ion Ratio Lower Upper

41 100

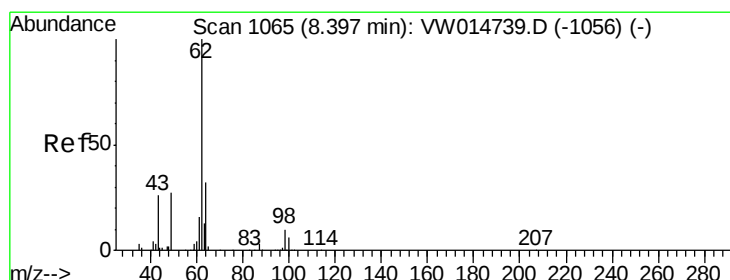
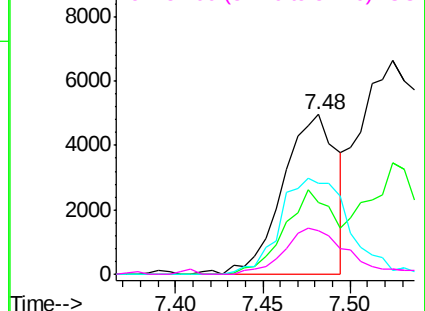
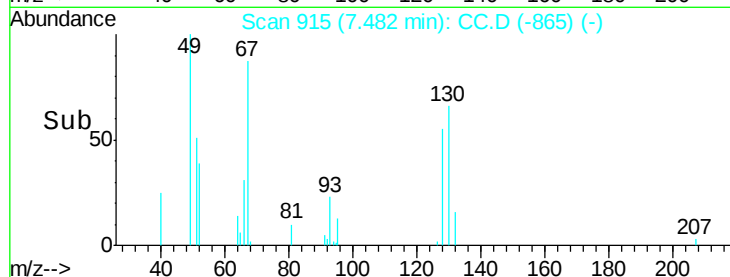
39 47.1 45.3 67.9

67 77.6 57.0 85.4

52 33.7 23.0 34.6



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



#42

1,2-Dichloroethane

Concen: 5.38 ug/l

RT: 8.39 min Scan# 1064

Delta R.T. -0.01 min

Lab File: CC.D

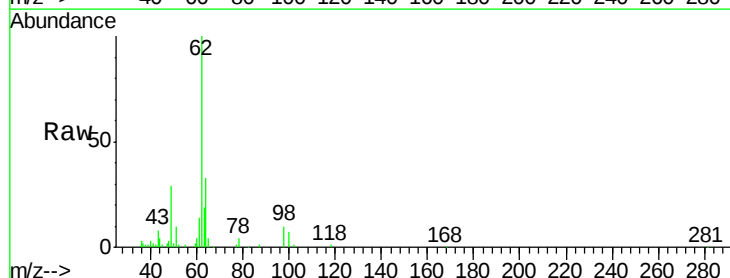
Acq: 24 Jan 2020 10:07

Tgt Ion: 62 Resp: 40630

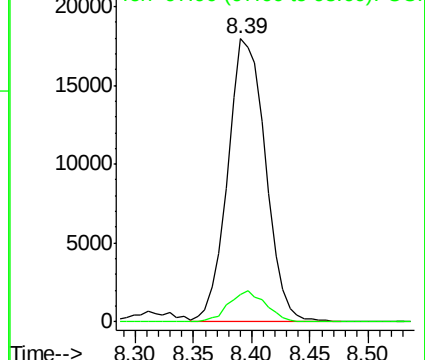
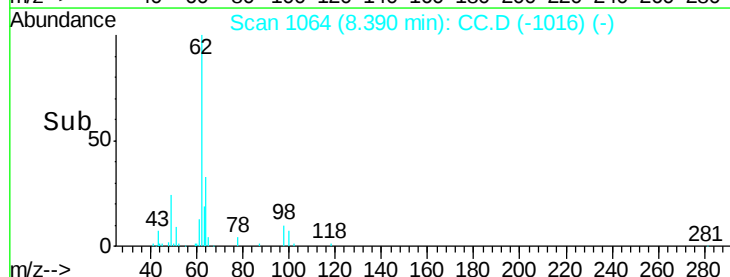
Ion Ratio Lower Upper

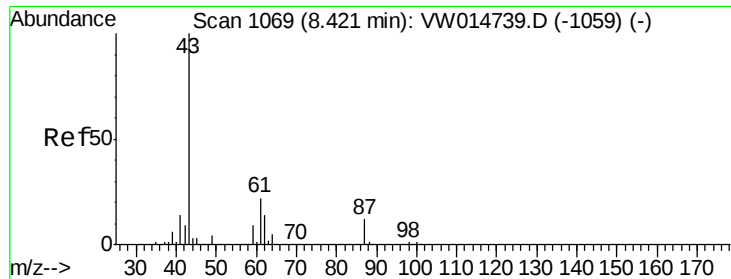
62 100

98 10.7 0.0 19.6



Abundance Ion 61.90 (61.60 to 62.60): CC.
Ion 97.90 (97.60 to 98.60): CC.





#43

Isopropyl Acetate

Concen: 4.59 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.00 min

Lab File: CC.D

Acq: 24 Jan 2020 10:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

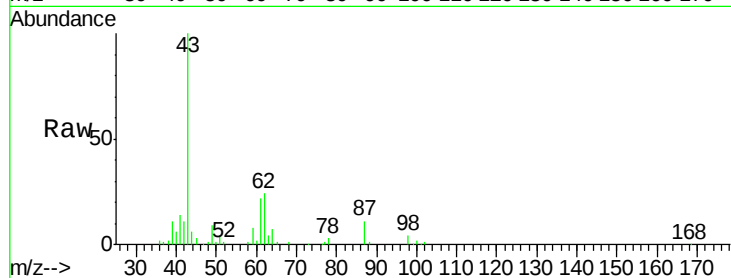
Tgt Ion: 43 Resp: 38142

Ion Ratio Lower Upper

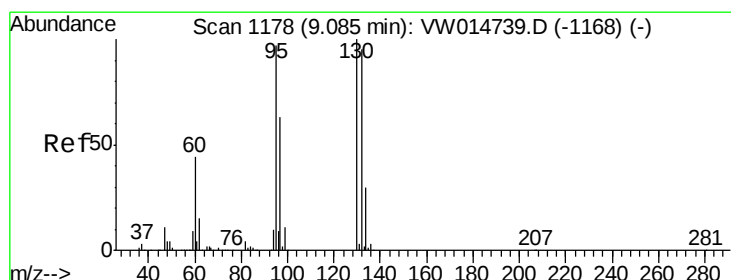
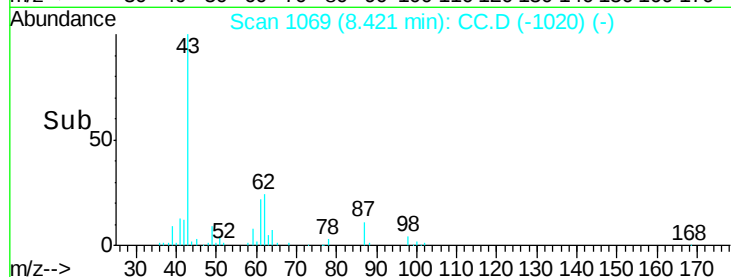
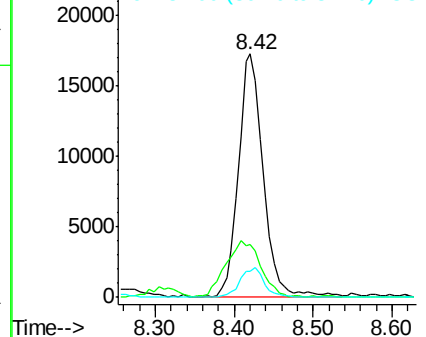
43 100

61 32.8 24.4 36.6

87 11.8 9.8 14.6



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



#44

Trichloroethene

Concen: 4.95 ug/l

RT: 9.09 min Scan# 1178

Delta R.T. -0.00 min

Lab File: CC.D

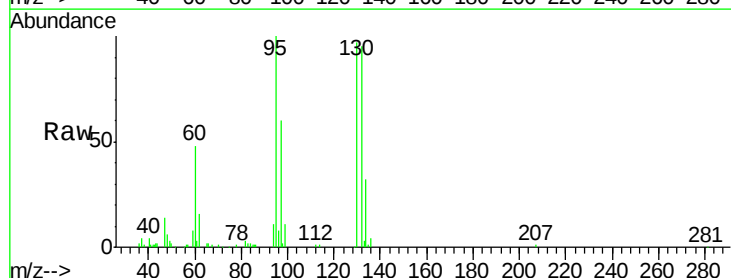
Acq: 24 Jan 2020 10:07

Tgt Ion: 130 Resp: 38584

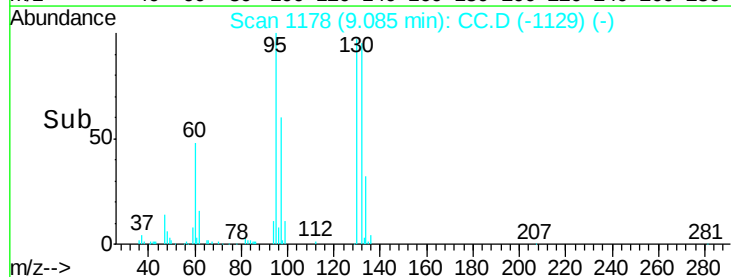
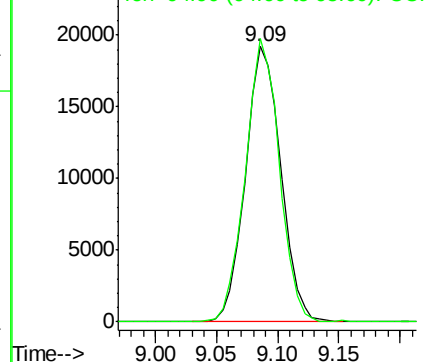
Ion Ratio Lower Upper

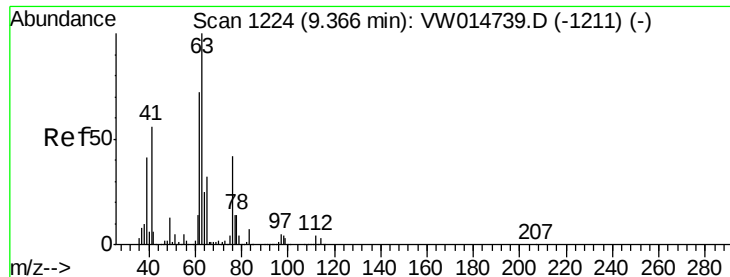
130 100

95 102.9 0.0 193.2



Abundance Ion 129.80 (129.50 to 130.50): C
Ion 94.90 (94.60 to 95.60): CC.

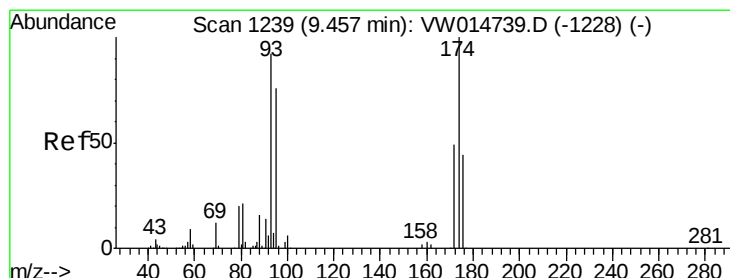
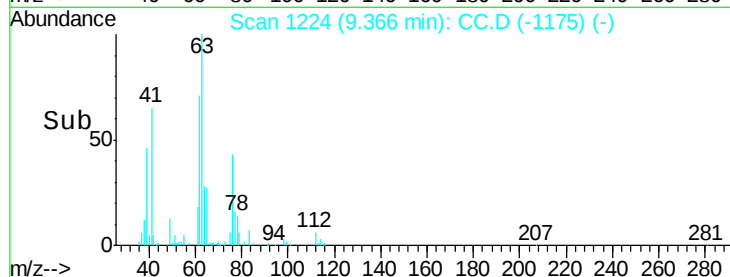
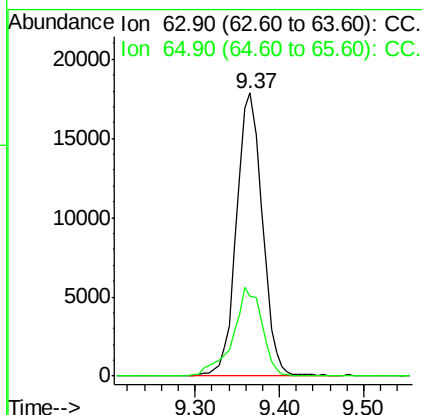
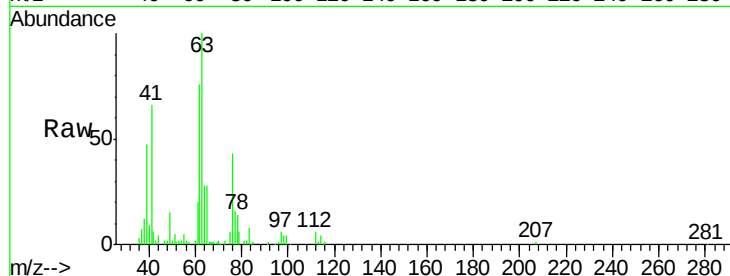




#45
 1,2-Dichloropropane
 Concen: 5.18 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: CC.D
 Acq: 24 Jan 2020 10:07

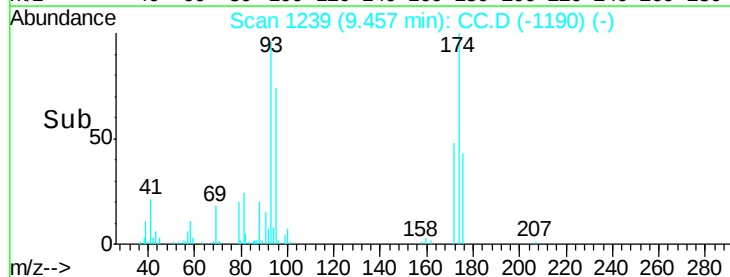
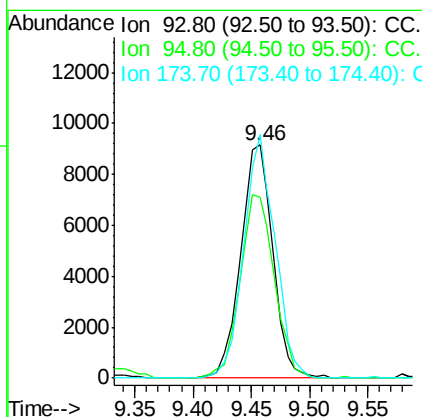
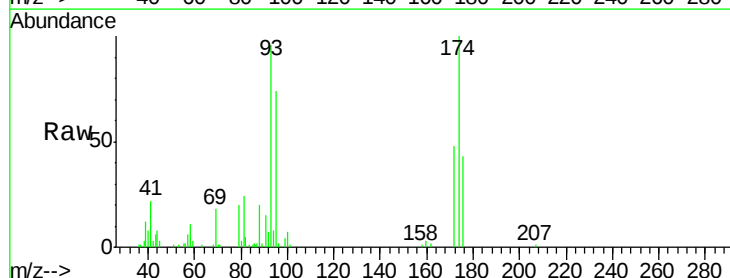
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

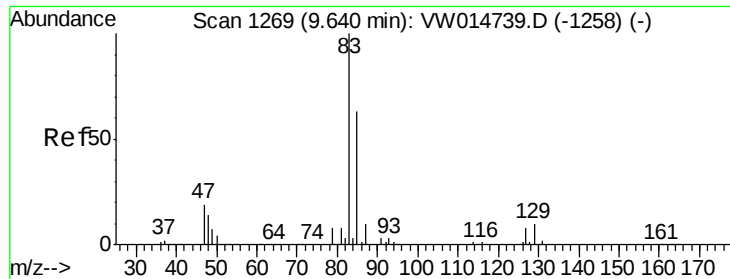
Tgt Ion: 63 Resp: 36966
 Ion Ratio Lower Upper
 63 100
 65 28.3 25.3 37.9



#46
 Dibromomethane
 Concen: 5.08 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: CC.D
 Acq: 24 Jan 2020 10:07

Tgt Ion: 93 Resp: 17628
 Ion Ratio Lower Upper
 93 100
 95 84.0 65.4 98.2
 174 101.8 84.2 126.2

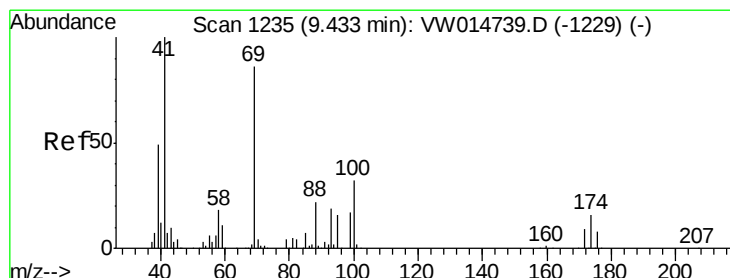
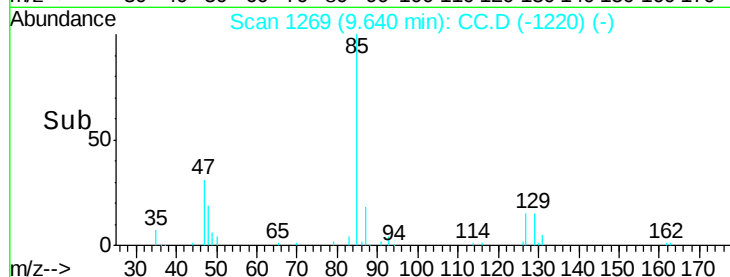
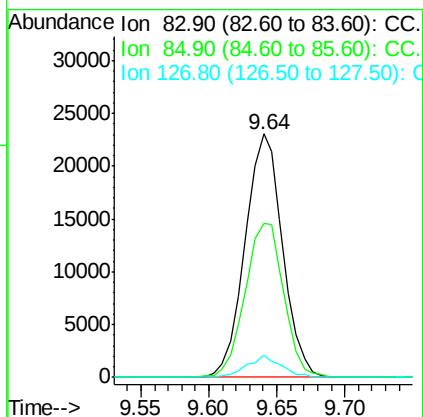
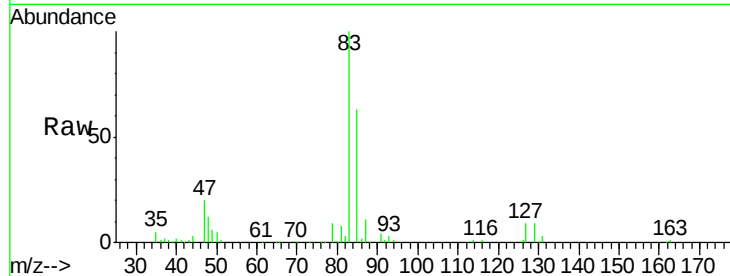




#47
 Bromodichloromethane
 Concen: 5.12 ug/l
 RT: 9.64 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: CC.D
 Acq: 24 Jan 2020 10:07

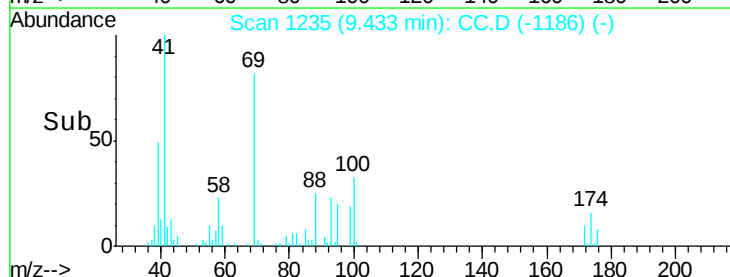
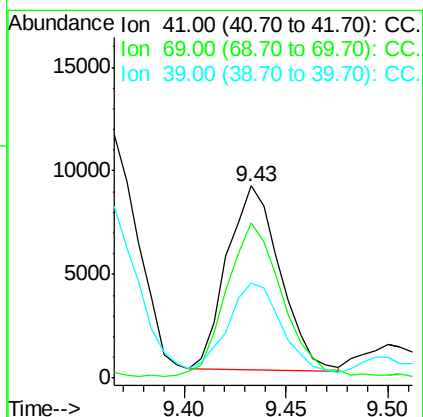
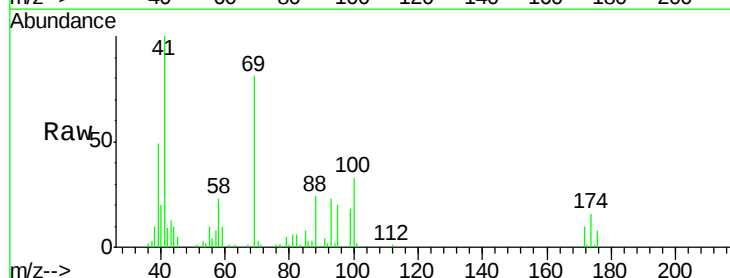
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

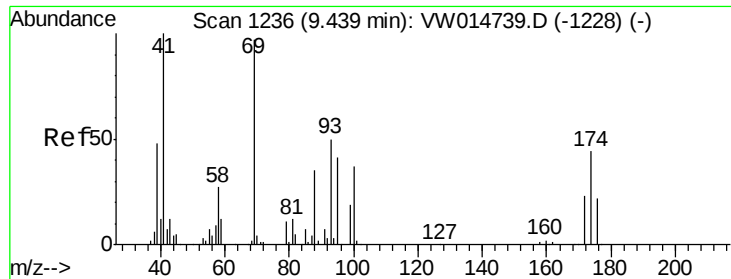
Tgt Ion: 83 Resp: 44425
 Ion Ratio Lower Upper
 83 100
 85 63.0 50.1 75.1
 127 9.3 6.5 9.7



#48
 Methyl methacrylate
 Concen: 3.99 ug/l
 RT: 9.43 min Scan# 1235
 Delta R.T. -0.00 min
 Lab File: CC.D
 Acq: 24 Jan 2020 10:07

Tgt Ion: 41 Resp: 16034
 Ion Ratio Lower Upper
 41 100
 69 91.6 69.6 104.4
 39 49.2 40.2 60.4

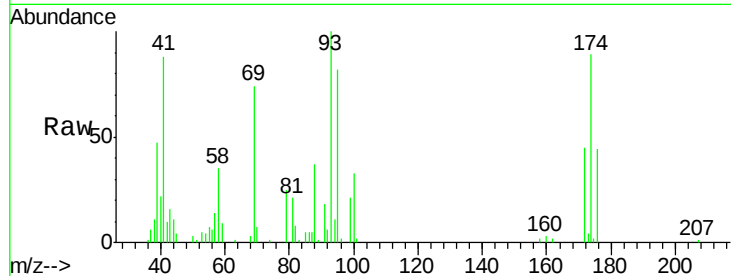




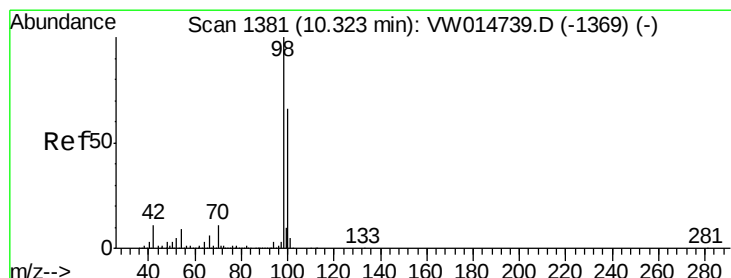
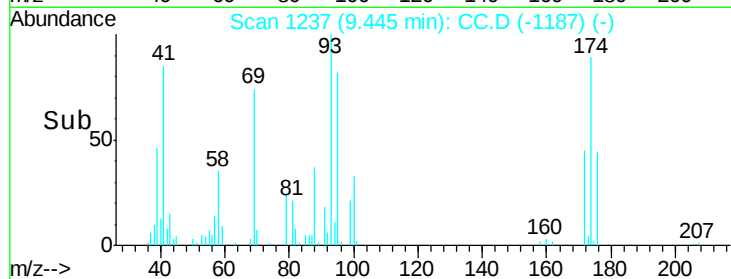
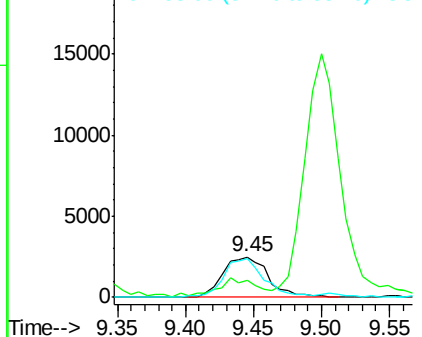
#49
1,4-Dioxane
Concen: 90.21 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. 0.01 min
Lab File: CC.D
Acq: 24 Jan 2020 10:07

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tgt Ion: 88 Resp: 5731
Ion Ratio Lower Upper
88 100
43 43.5 27.1 40.7#
58 87.4 58.7 88.1

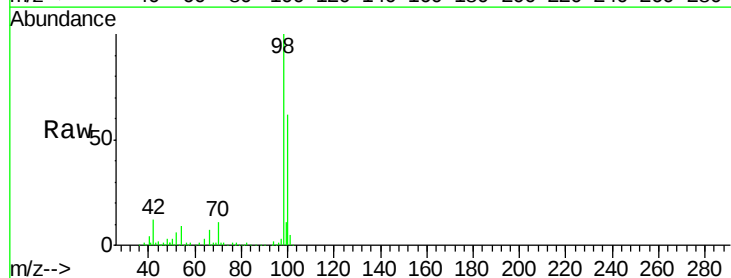


Abundance Ion 88.00 (87.70 to 88.70): CC.
Ion 43.00 (42.70 to 43.70): CC.
Ion 58.00 (57.70 to 58.70): CC.

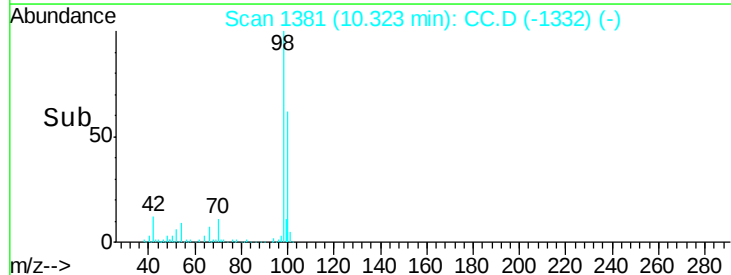
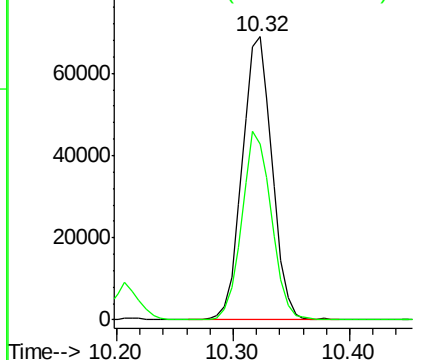


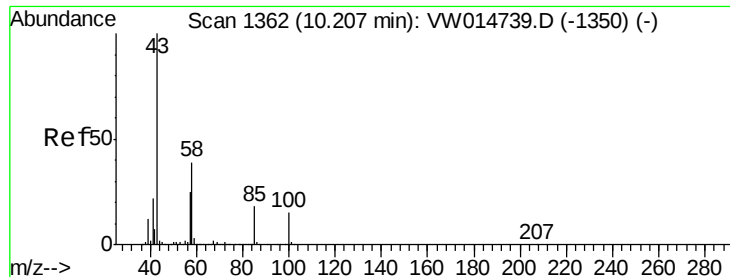
#50
Toluene-d8
Concen: 4.87 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: CC.D
Acq: 24 Jan 2020 10:07

Tgt Ion: 98 Resp: 123232
Ion Ratio Lower Upper
98 100
100 65.8 52.6 79.0



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





#51

4-Methyl-2-Pentanone

Concen: 22.78 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. -0.00 min

Lab File: CC.D

Acq: 24 Jan 2020 10:07

Instrument :

MSVOA_W

ClientSampleId :

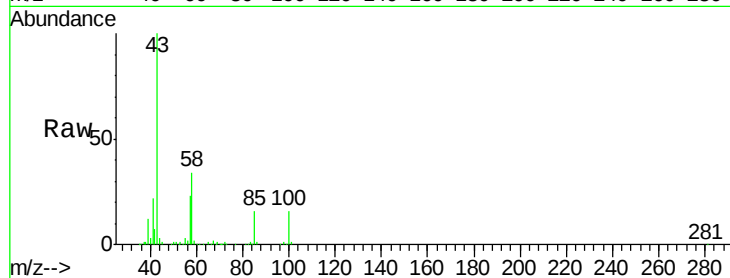
VSTDIC005

Tgt Ion: 43 Resp: 97818

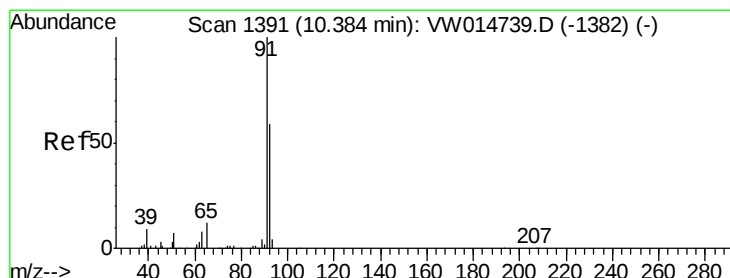
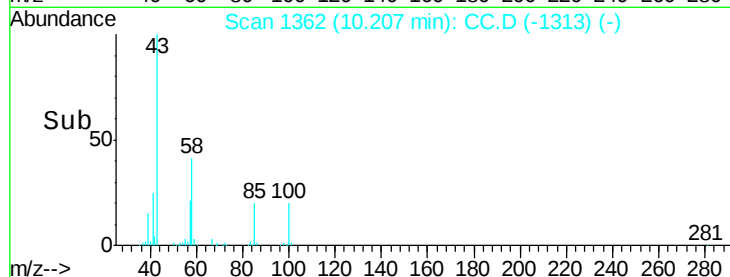
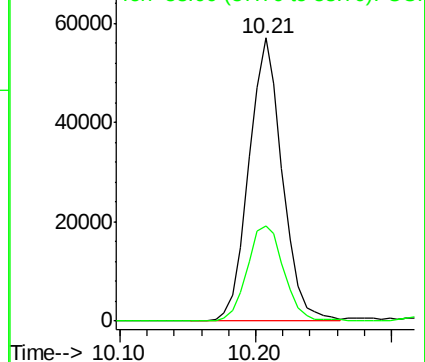
Ion Ratio Lower Upper

43 100

58 37.1 31.4 47.0



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



#52

Toluene

Concen: 4.91 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.00 min

Lab File: CC.D

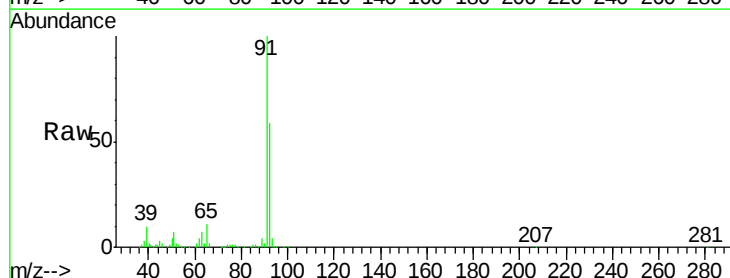
Acq: 24 Jan 2020 10:07

Tgt Ion: 92 Resp: 89135

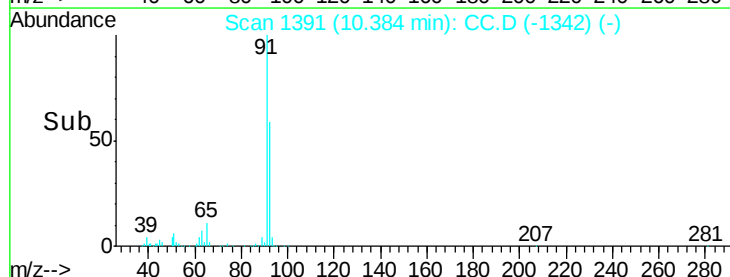
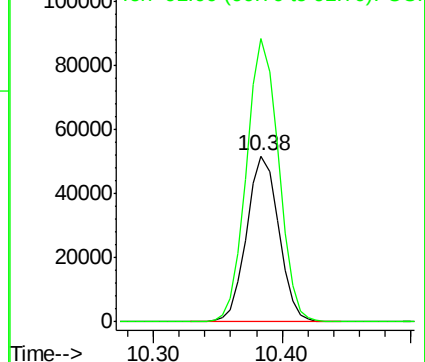
Ion Ratio Lower Upper

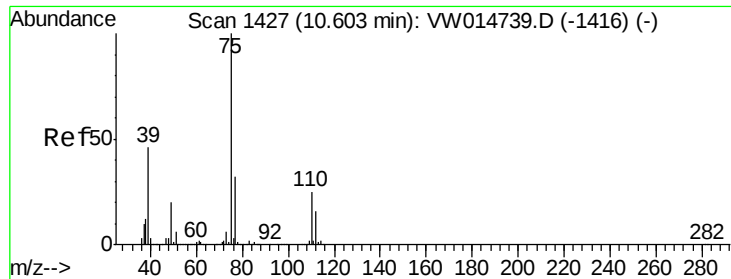
92 100

91 171.2 135.8 203.8



Abundance Ion 92.00 (91.70 to 92.70): CC.
Ion 91.00 (90.70 to 91.70): CC.





#53

t-1,3-Dichloropropene

Concen: 4.62 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: CC.D

Acq: 24 Jan 2020 10:07

Instrument :

MSVOA_W

ClientSampled :

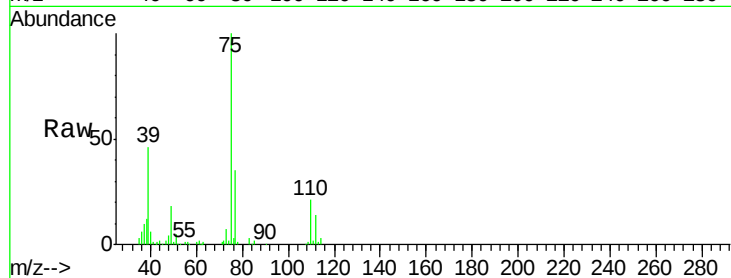
VSTDIC005

Tgt Ion: 75 Resp: 41051

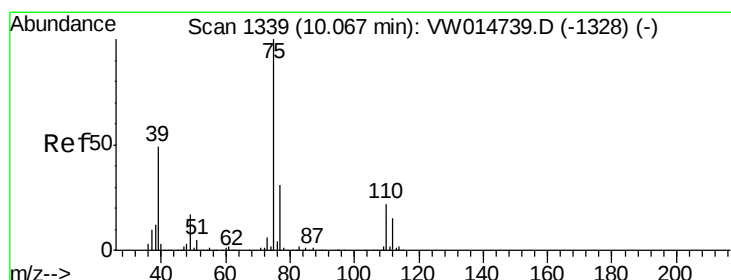
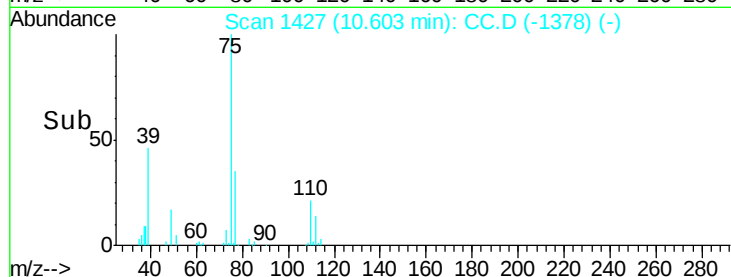
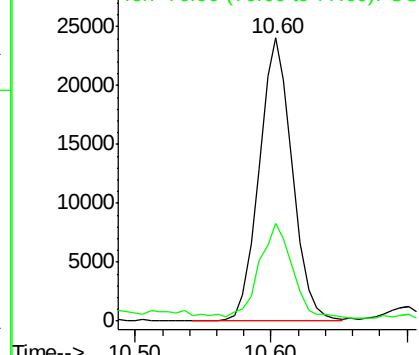
Ion Ratio Lower Upper

75 100

77 33.3 25.7 38.5



Abundance Ion 74.90 (74.60 to 75.60): CC.
Ion 76.90 (76.60 to 77.60): CC.



#54

cis-1,3-Dichloropropene

Concen: 4.68 ug/l

RT: 10.07 min Scan# 1339

Delta R.T. -0.00 min

Lab File: CC.D

Acq: 24 Jan 2020 10:07

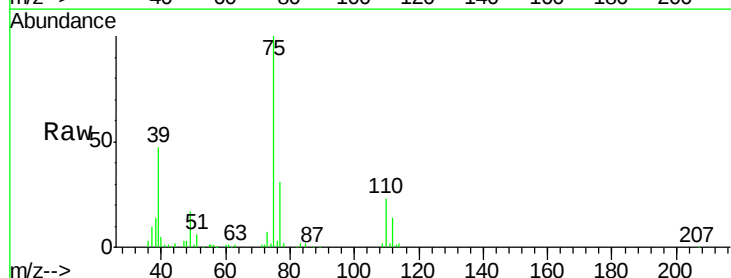
Tgt Ion: 75 Resp: 51079

Ion Ratio Lower Upper

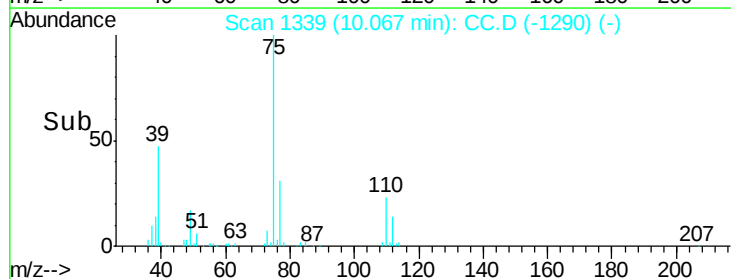
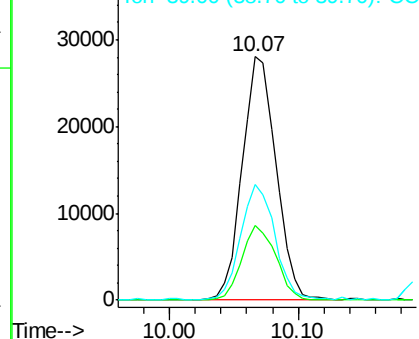
75 100

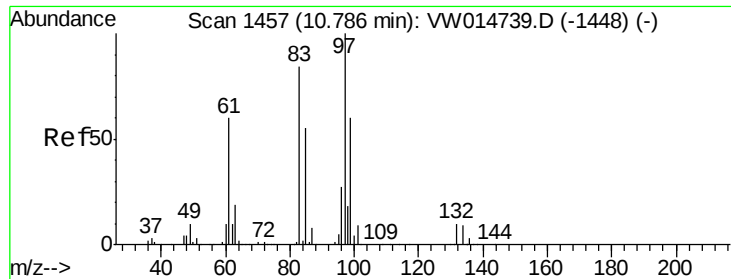
77 30.6 25.0 37.4

39 47.4 39.0 58.6



Abundance Ion 74.90 (74.60 to 75.60): CC.
Ion 76.90 (76.60 to 77.60): CC.
Ion 39.00 (38.70 to 39.70): CC.





#55

1,1,2-Trichloroethane

Concen: 4.83 ug/l

RT: 10.79 min Scan# 1457

Delta R.T. -0.00 min

Lab File: CC.D

Acq: 24 Jan 2020 10:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

Tgt Ion: 97 Resp: 24368

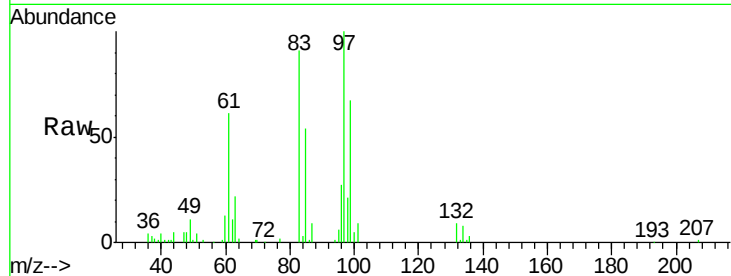
Ion Ratio Lower Upper

97 100

83 91.9 67.1 100.7

85 54.8 44.2 66.2

99 67.5 48.2 72.4

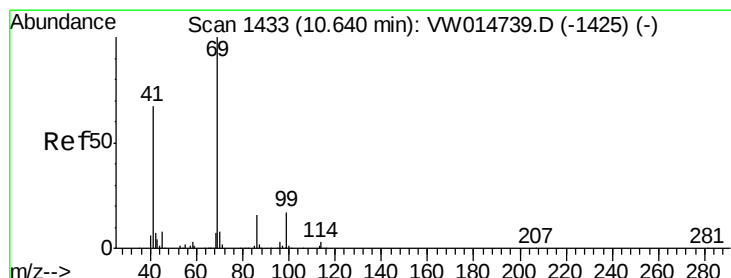
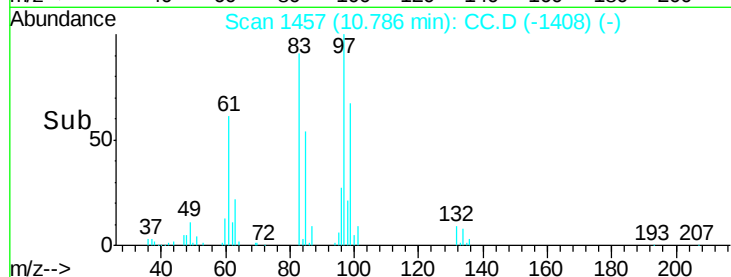
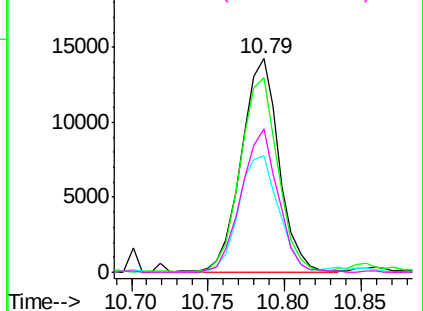


Abundance Ion 96.90 (96.60 to 97.60): CC.

Ion 82.90 (82.60 to 83.60): CC.

Ion 84.90 (84.60 to 85.60): CC.

Ion 98.90 (98.60 to 99.60): CC.



#56

Ethyl methacrylate

Concen: 3.99 ug/l

RT: 10.64 min Scan# 1433

Delta R.T. -0.00 min

Lab File: CC.D

Acq: 24 Jan 2020 10:07

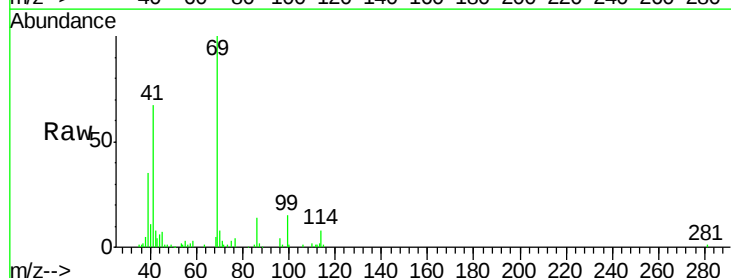
Tgt Ion: 69 Resp: 26029

Ion Ratio Lower Upper

69 100

41 65.0 54.4 81.6

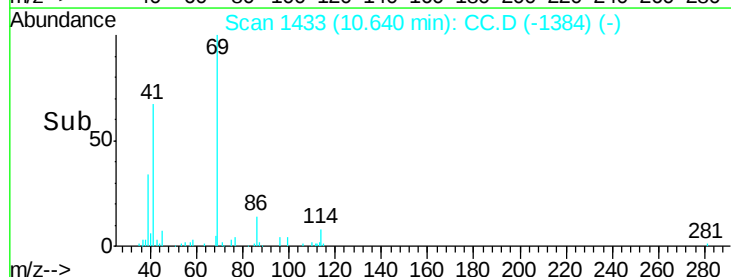
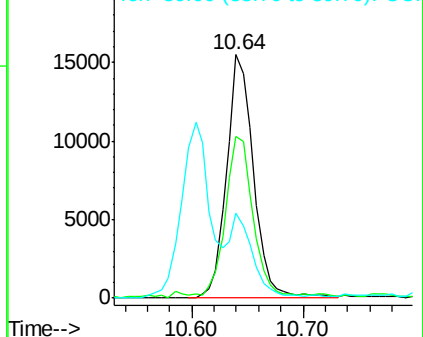
39 28.2 22.4 33.6

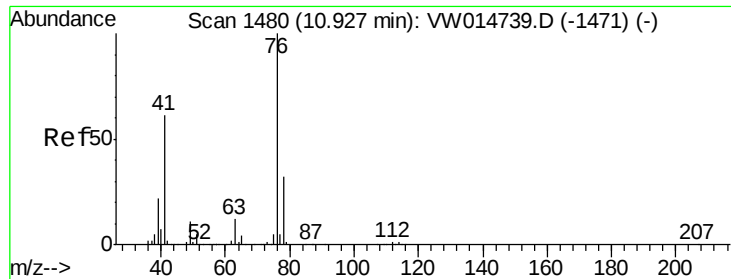


Abundance Ion 69.00 (68.70 to 69.70): CC.

Ion 41.00 (40.70 to 41.70): CC.

Ion 39.00 (38.70 to 39.70): CC.

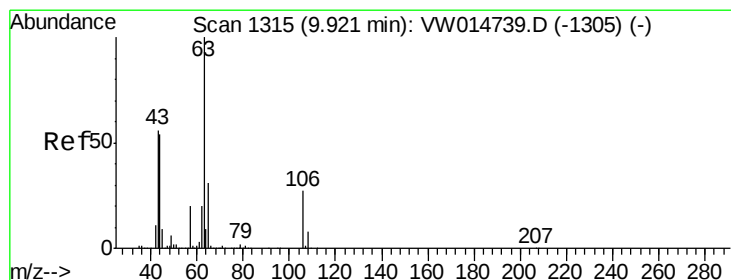
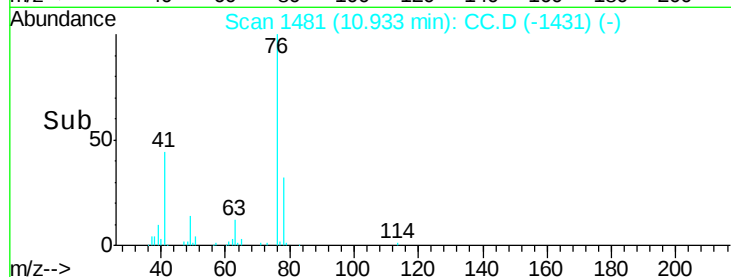
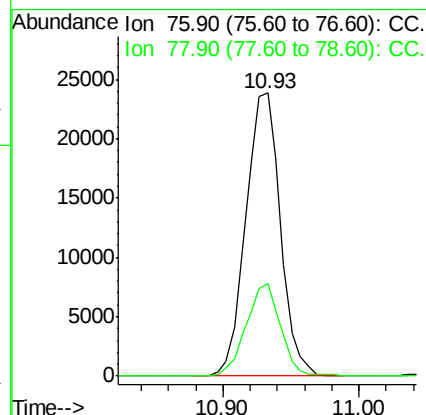
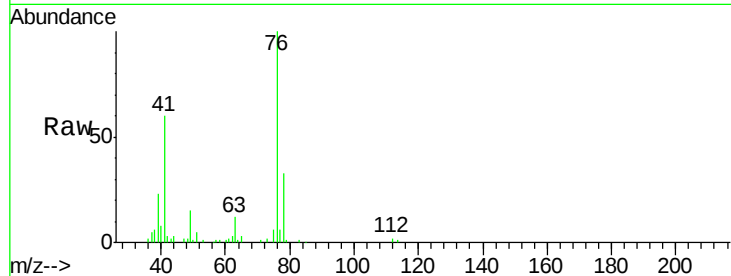




#57
 1,3-Dichloropropane
 Concen: 4.76 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.01 min
 Lab File: CC.D
 Acq: 24 Jan 2020 10:07

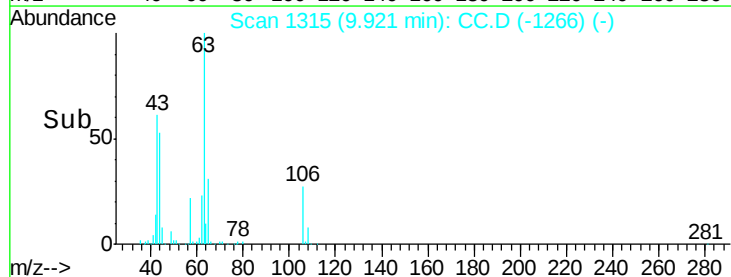
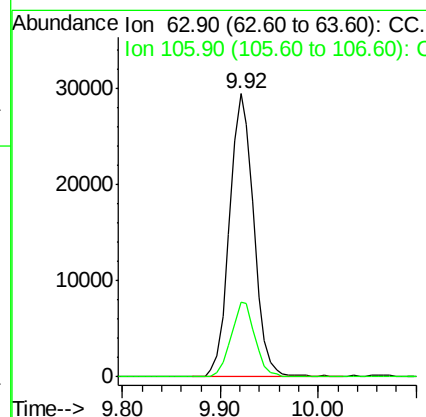
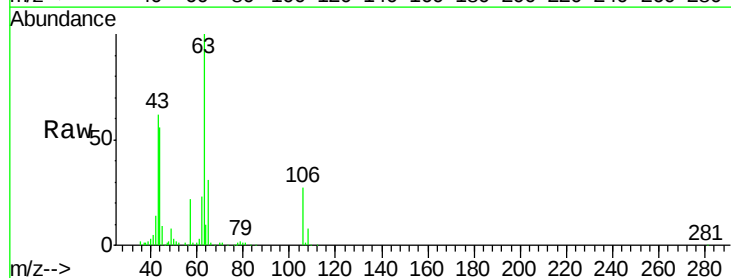
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

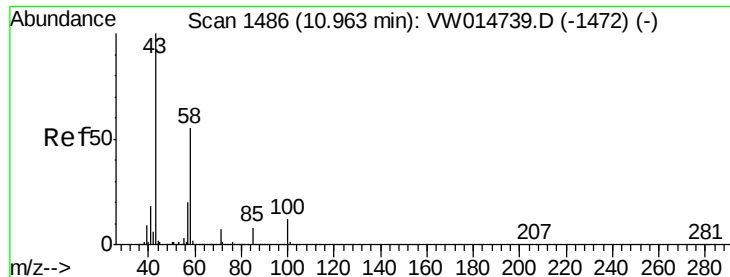
Tgt Ion: 76 Resp: 42499
 Ion Ratio Lower Upper
 76 100
 78 32.6 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 25.34 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.00 min
 Lab File: CC.D
 Acq: 24 Jan 2020 10:07

Tgt Ion: 63 Resp: 50741
 Ion Ratio Lower Upper
 63 100
 106 26.1 21.8 32.8

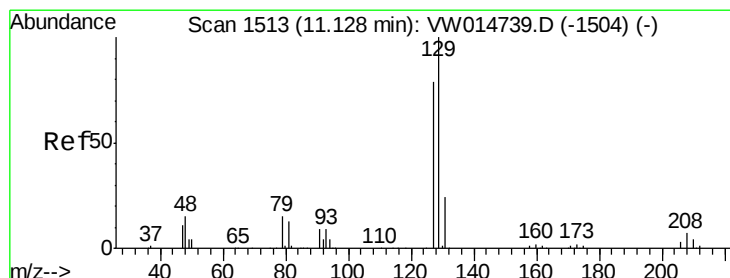
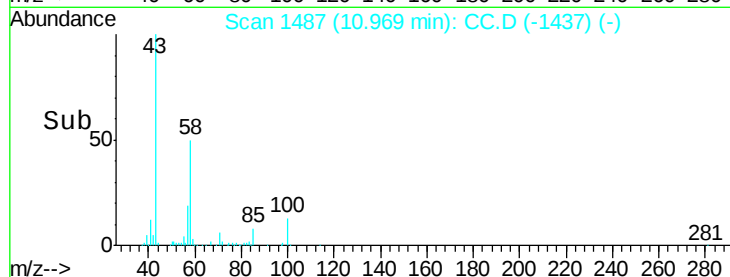
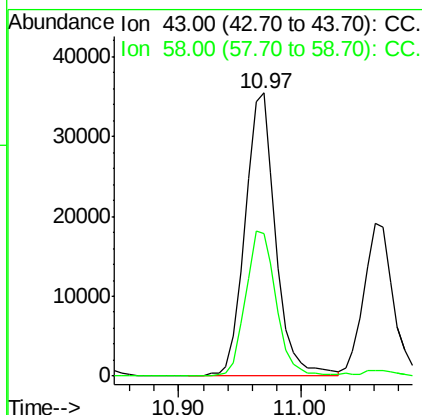
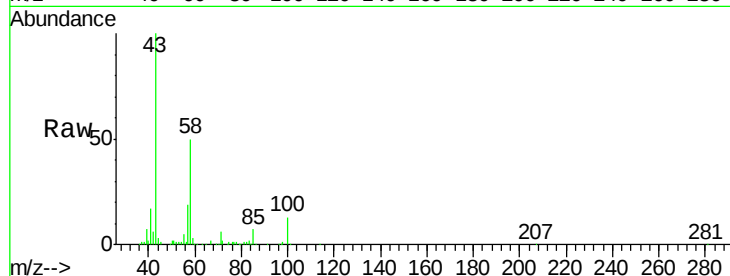




#59
2-Hexanone
Concen: 20.95 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.01 min
Lab File: CC.D
Acq: 24 Jan 2020 10:07

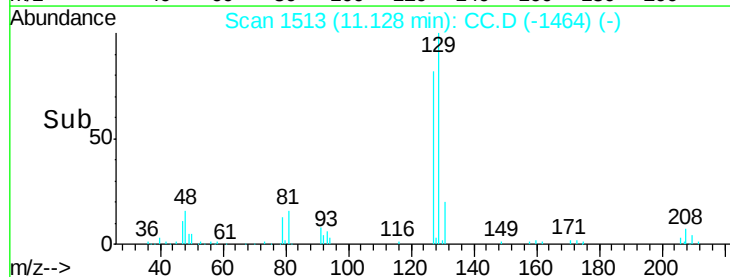
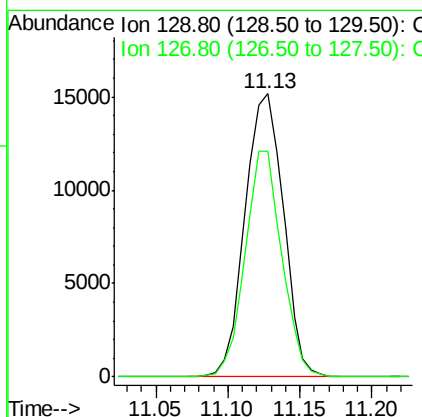
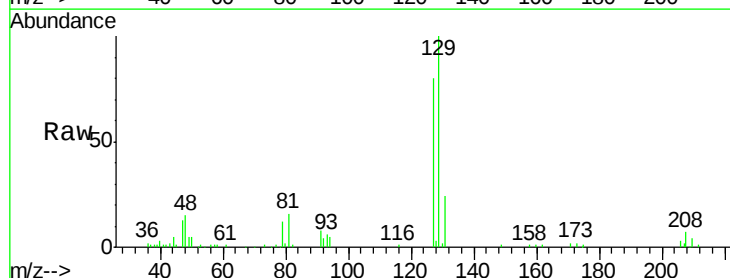
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

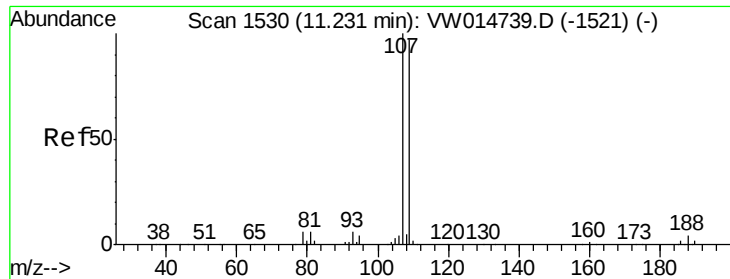
Tgt Ion: 43 Resp: 61618
Ion Ratio Lower Upper
43 100
58 51.5 27.3 81.8



#60
Dibromochloromethane
Concen: 4.91 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: CC.D
Acq: 24 Jan 2020 10:07

Tgt Ion: 129 Resp: 27969
Ion Ratio Lower Upper
129 100
127 76.2 39.9 119.6





#61

1,2-Dibromoethane

Concen: 4.64 ug/l

RT: 11.23 min Scan# 1530

Delta R.T. -0.00 min

Lab File: CC.D

Acq: 24 Jan 2020 10:07

Instrument :

MSVOA_W

ClientSampleId :

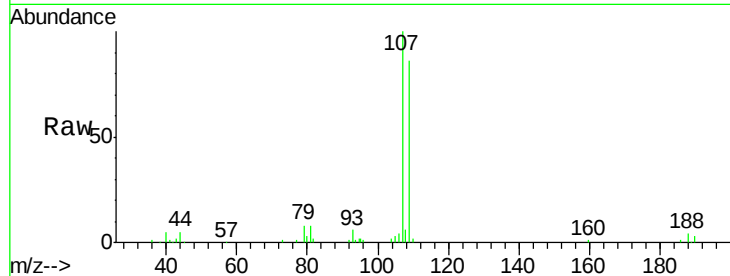
VSTDIC005

Tgt Ion: 107 Resp: 22111

Ion Ratio Lower Upper

107 100

109 96.6 76.7 115.1



Abundance Ion 106.90 (106.60 to 107.60): C

Ion 108.80 (108.50 to 109.50): C

11.23

15000

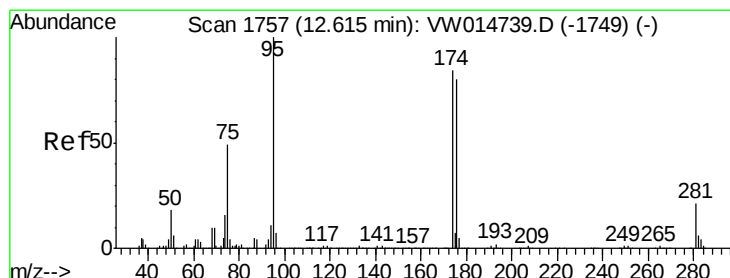
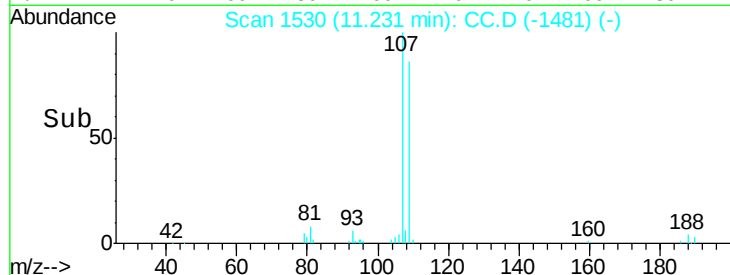
10000

5000

0

Time-->

11.15 11.20 11.25 11.30



#62

4-Bromofluorobenzene

Concen: 4.54 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: CC.D

Acq: 24 Jan 2020 10:07

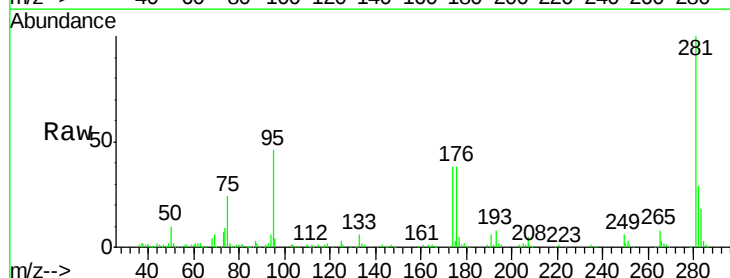
Tgt Ion: 95 Resp: 38919

Ion Ratio Lower Upper

95 100

174 84.4 0.0 163.0

176 83.2 0.0 159.2



Abundance Ion 94.90 (94.60 to 95.60): CC.

Ion 173.80 (173.50 to 174.50): C

Ion 175.80 (175.50 to 176.50): C

12.62

30000

25000

20000

15000

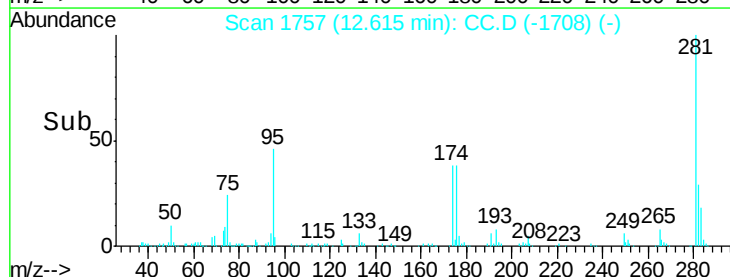
10000

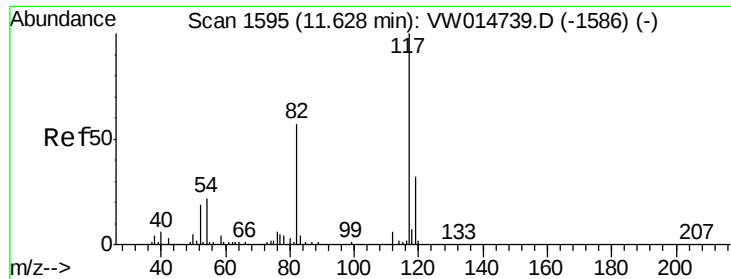
5000

0

Time-->

12.55 12.60 12.65

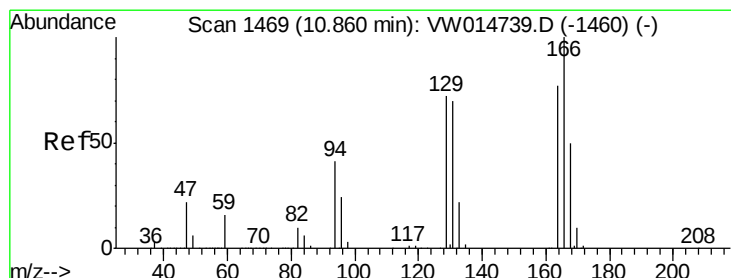
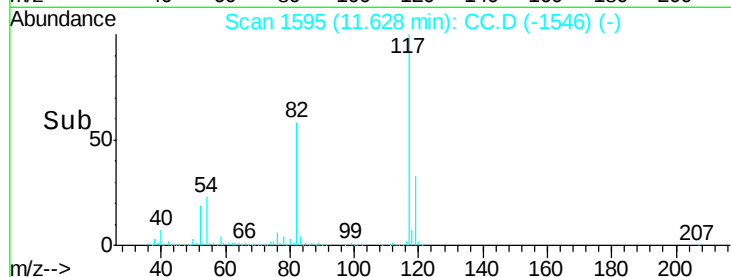
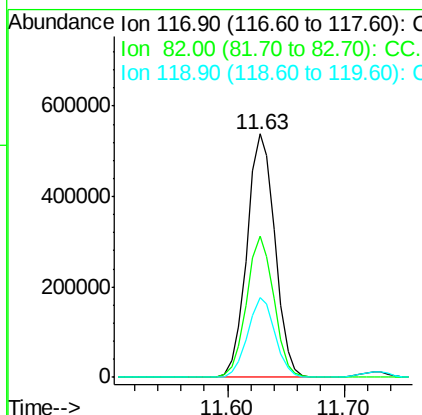
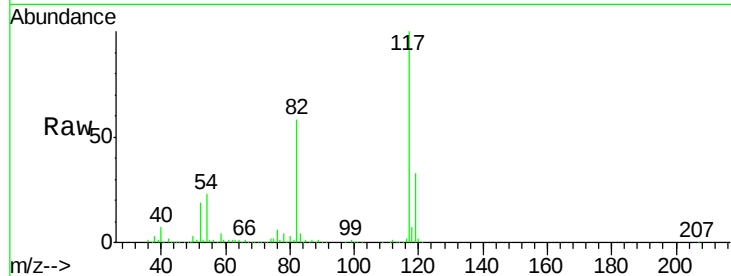




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: CC.D
Acq: 24 Jan 2020 10:07

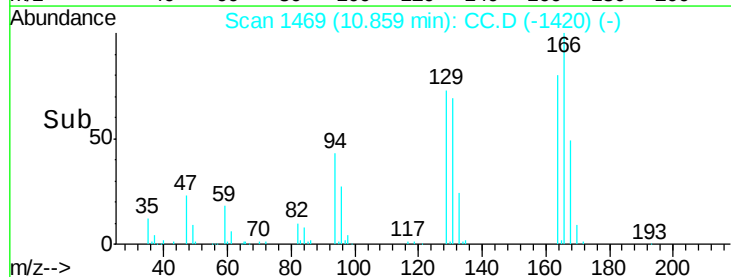
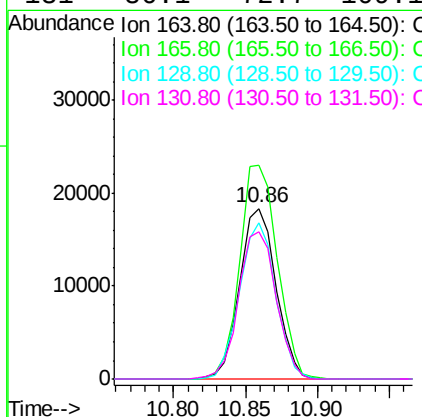
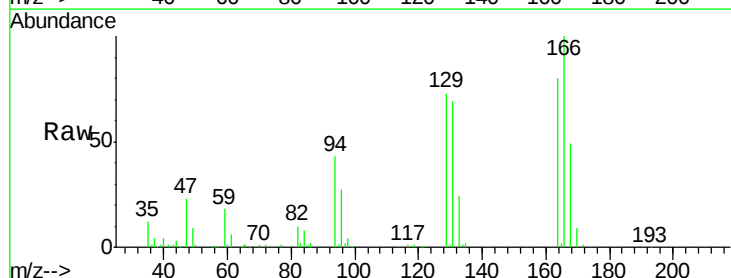
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

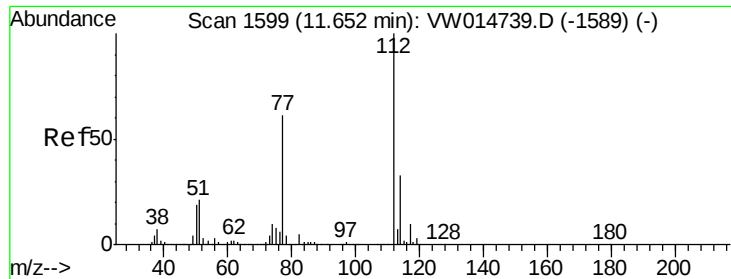
Tgt Ion:117 Resp: 903259
Ion Ratio Lower Upper
117 100
82 58.0 45.9 68.9
119 32.7 25.7 38.5



#64
Tetrachloroethene
Concen: 4.92 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: CC.D
Acq: 24 Jan 2020 10:07

Tgt Ion:164 Resp: 32111
Ion Ratio Lower Upper
164 100
166 125.3 104.0 156.0
129 91.2 75.0 112.4
131 86.1 72.7 109.1

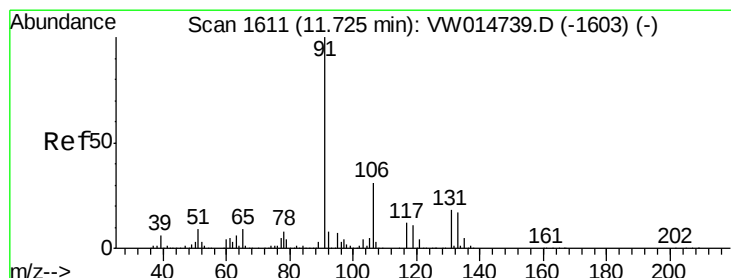
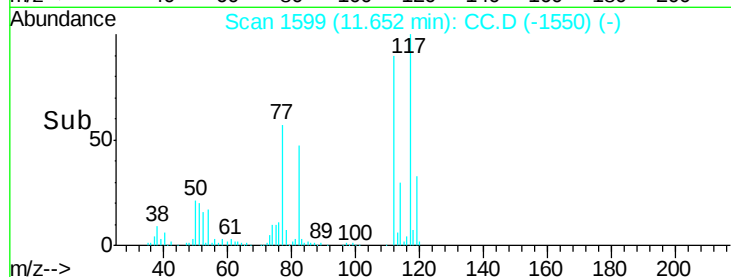
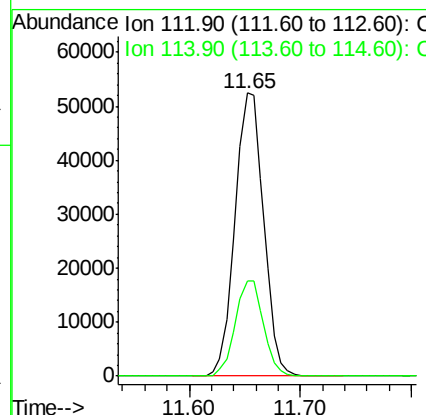
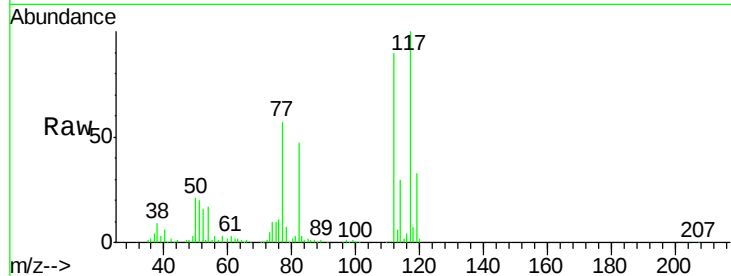




#65
Chlorobenzene
Concen: 5.03 ug/l
RT: 11.65 min Scan# 1599
Delta R.T. -0.00 min
Lab File: CC.D
Acq: 24 Jan 2020 10:07

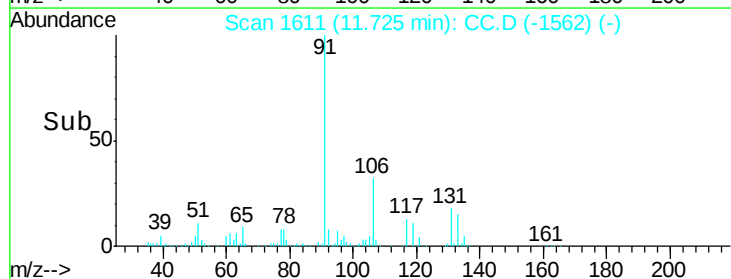
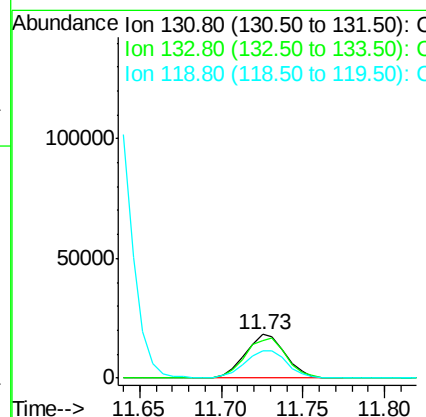
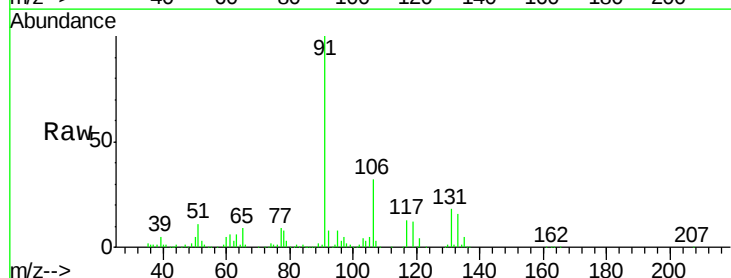
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

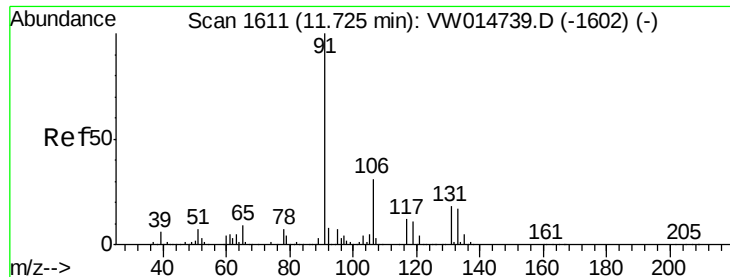
Tgt Ion:112 Resp: 93441
Ion Ratio Lower Upper
112 100
114 33.6 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 4.95 ug/l
RT: 11.73 min Scan# 1611
Delta R.T. -0.00 min
Lab File: CC.D
Acq: 24 Jan 2020 10:07

Tgt Ion:131 Resp: 30967
Ion Ratio Lower Upper
131 100
133 94.6 48.0 144.2
119 66.6 33.0 98.9

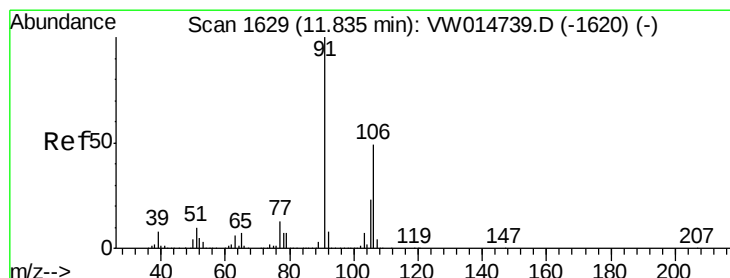
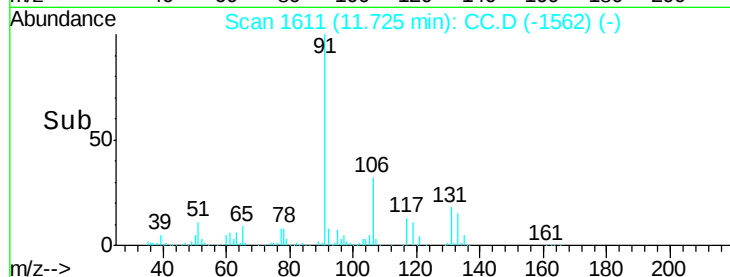
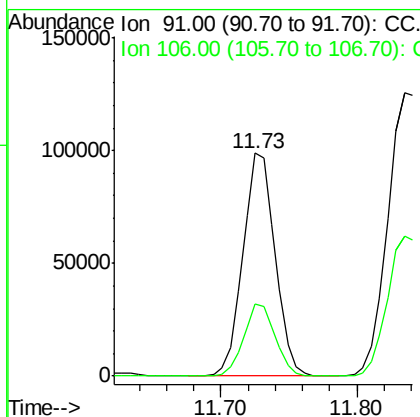
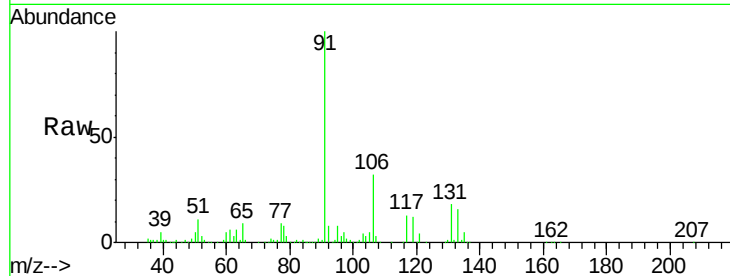




#67
Ethyl Benzene
Concen: 4.87 ug/l
RT: 11.73 min Scan# 1611
Delta R.T. -0.00 min
Lab File: CC.D
Acq: 24 Jan 2020 10:07

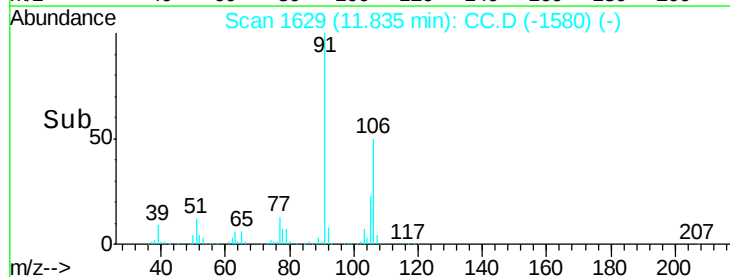
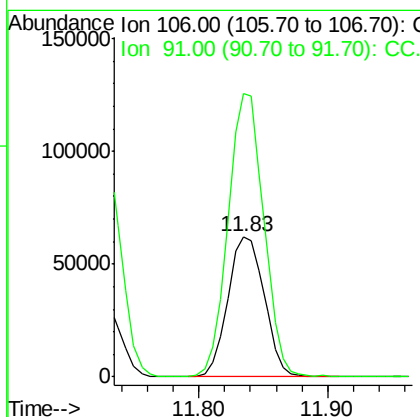
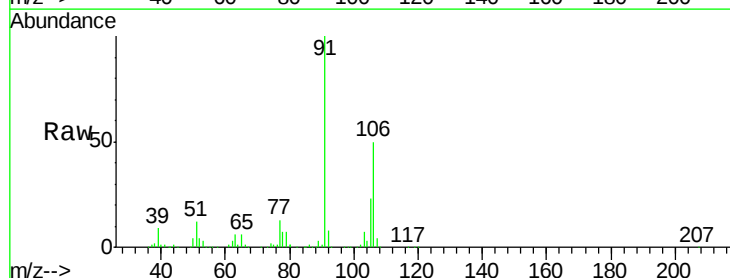
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

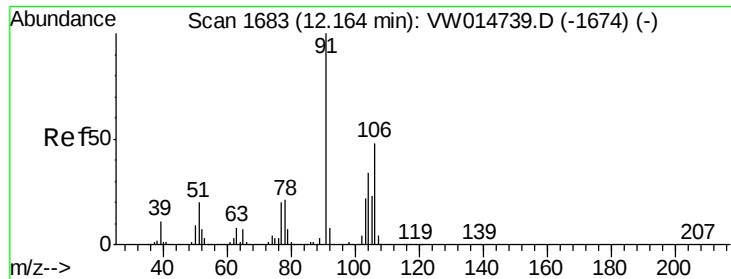
Tgt Ion: 91 Resp: 163787
Ion Ratio Lower Upper
91 100
106 32.2 24.5 36.7



#68
m/p-Xylenes
Concen: 9.54 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. -0.00 min
Lab File: CC.D
Acq: 24 Jan 2020 10:07

Tgt Ion: 106 Resp: 122430
Ion Ratio Lower Upper
106 100
91 197.4 161.4 242.0

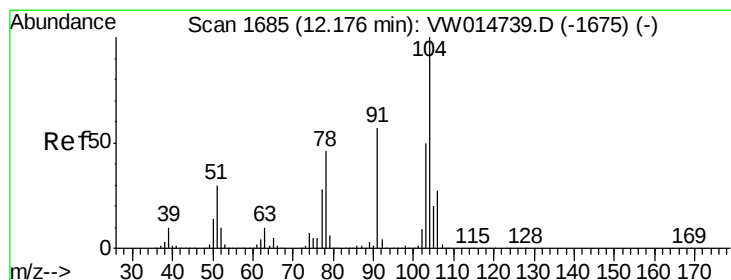
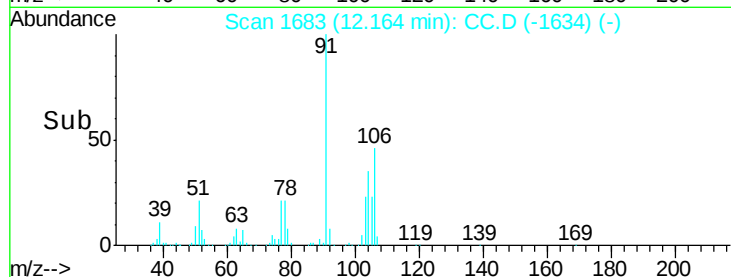
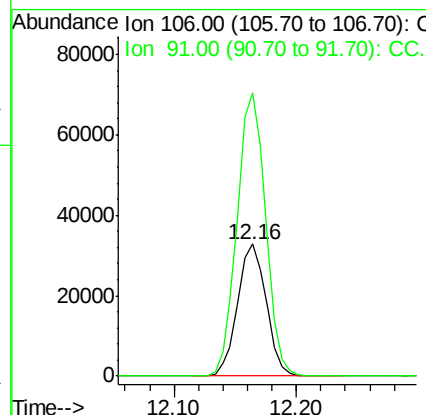
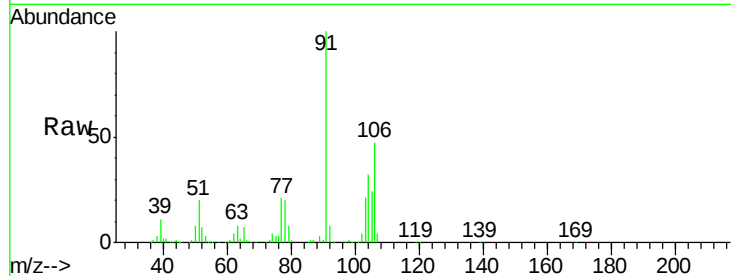




#69
o-Xylene
Concen: 4.51 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: CC.D
Acq: 24 Jan 2020 10:07

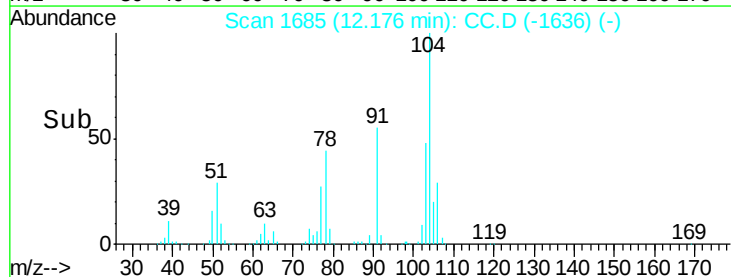
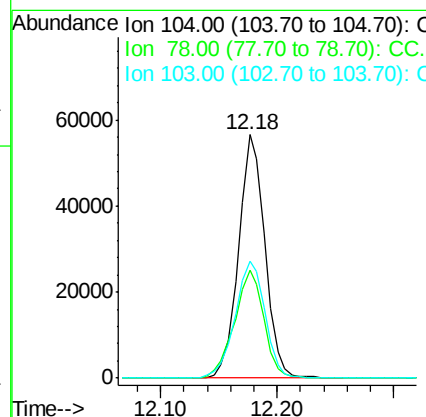
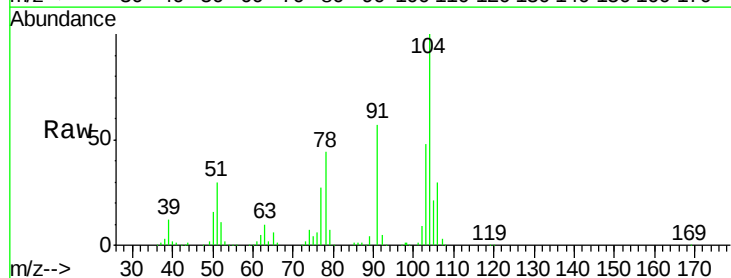
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

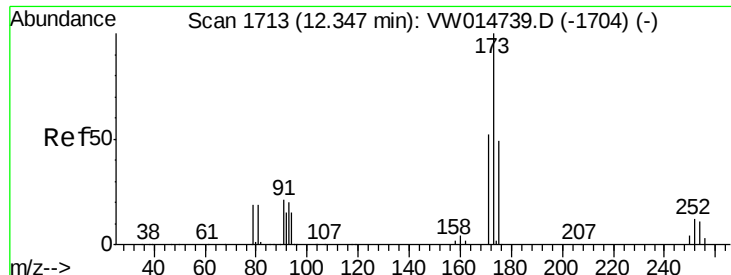
Tgt Ion:106 Resp: 53359
Ion Ratio Lower Upper
106 100
91 213.0 107.1 321.3



#70
Styrene
Concen: 4.46 ug/l
RT: 12.18 min Scan# 1685
Delta R.T. -0.00 min
Lab File: CC.D
Acq: 24 Jan 2020 10:07

Tgt Ion:104 Resp: 89169
Ion Ratio Lower Upper
104 100
78 49.8 39.8 59.8
103 54.7 44.0 66.0





#71

Bromoform

Concen: 4.28 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.00 min

Lab File: CC.D

Acq: 24 Jan 2020 10:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

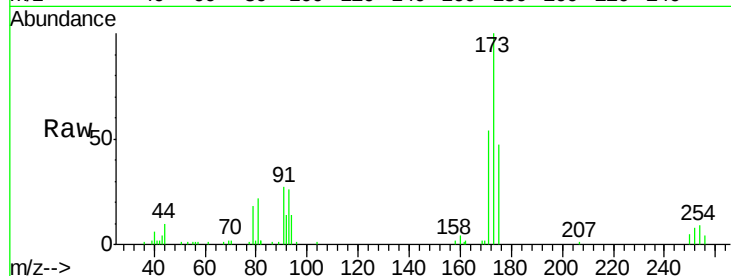
Tgt Ion:173 Resp: 14336

Ion Ratio Lower Upper

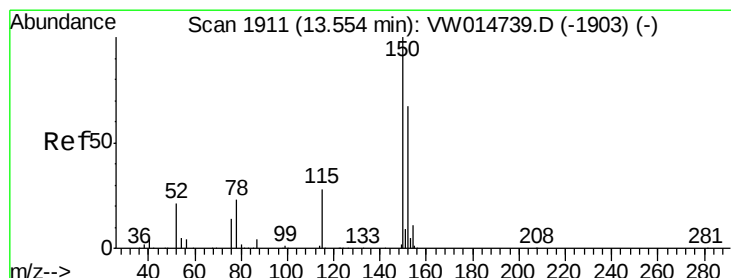
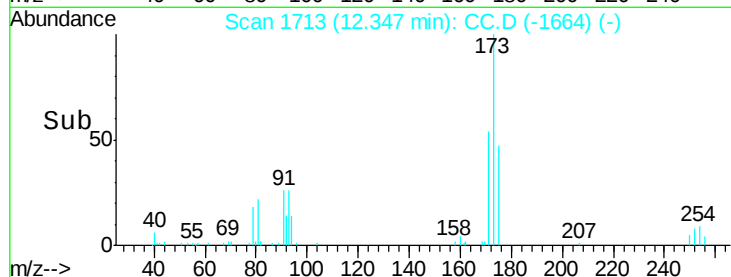
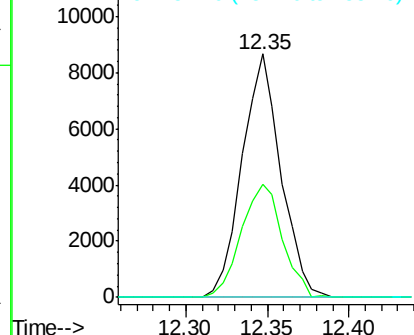
173 100

175 49.3 24.4 73.2

254 0.0 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.55 min Scan# 1911

Delta R.T. -0.00 min

Lab File: CC.D

Acq: 24 Jan 2020 10:07

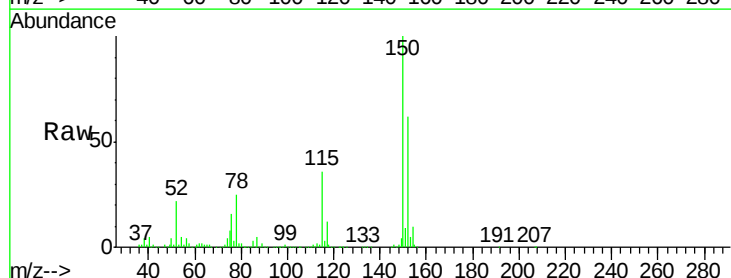
Tgt Ion:152 Resp: 439383

Ion Ratio Lower Upper

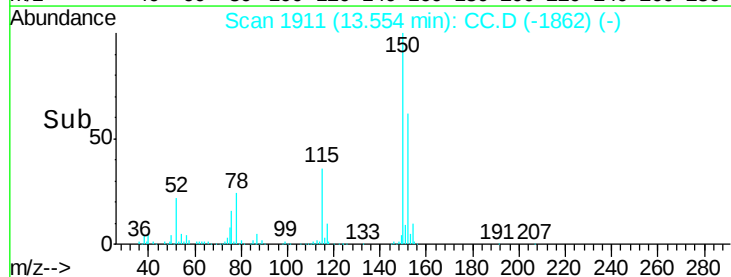
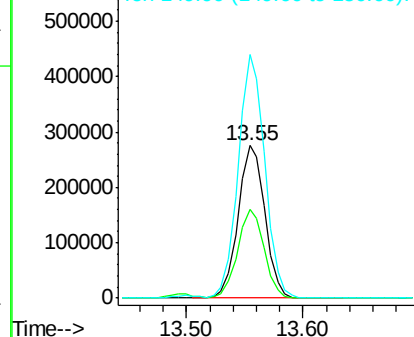
152 100

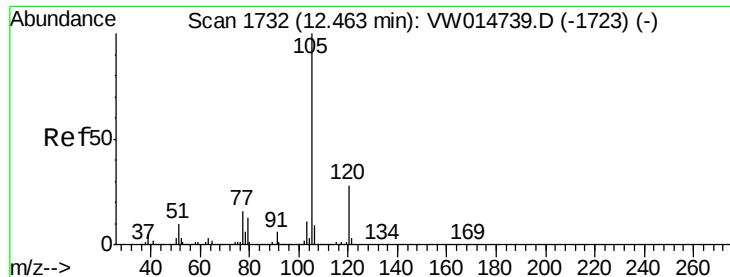
115 57.5 29.0 87.1

150 159.0 0.0 354.0



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





#73

Isopropylbenzene

Concen: 4.57 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: CC.D

Acq: 24 Jan 2020 10:07

Instrument :

MSVOA_W

ClientSampleId :

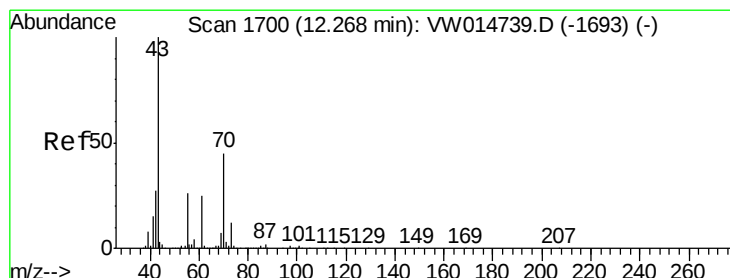
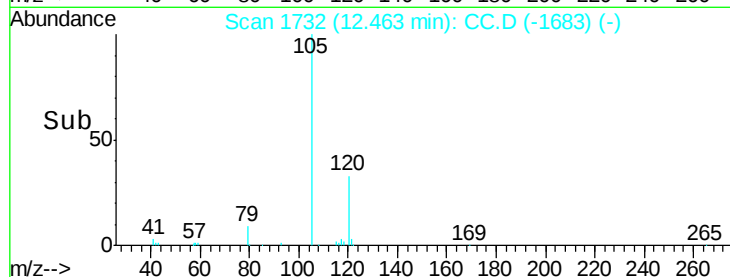
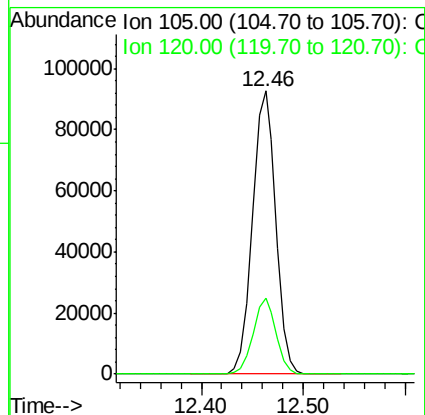
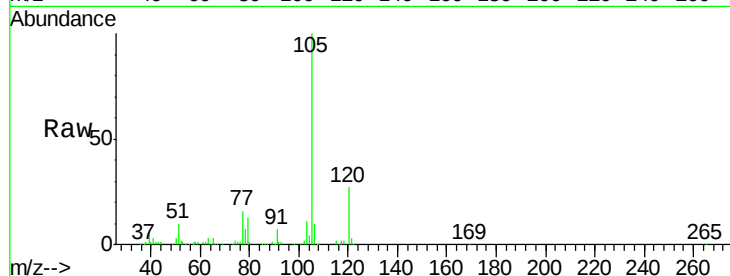
VSTDIC005

Tgt Ion:105 Resp: 148095

Ion Ratio Lower Upper

105 100

120 26.3 13.6 40.8



#74

N-ethyl acetate

Concen: 4.25 ug/l

RT: 12.27 min Scan# 1700

Delta R.T. -0.00 min

Lab File: CC.D

Acq: 24 Jan 2020 10:07

Tgt Ion: 43 Resp: 30807

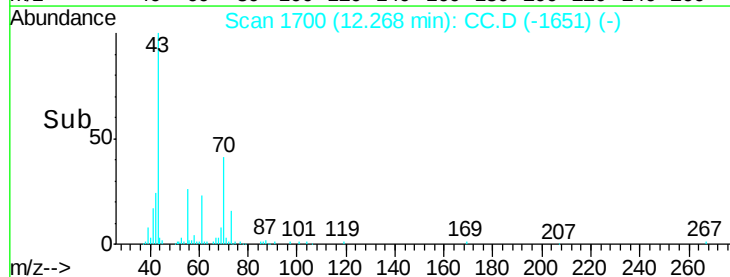
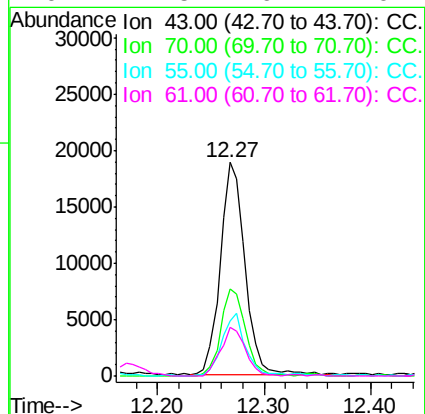
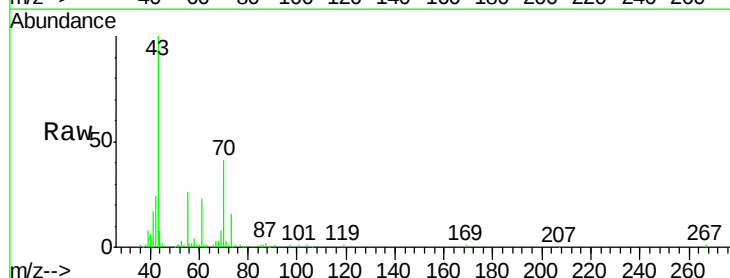
Ion Ratio Lower Upper

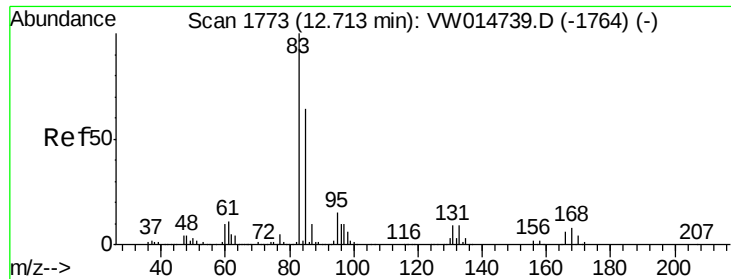
43 100

70 40.5 34.6 52.0

55 28.2 20.6 30.8

61 22.5 19.4 29.2





#75

1,1,2,2-Tetrachloroethane

Concen: 4.87 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: CC.D

Acq: 24 Jan 2020 10:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

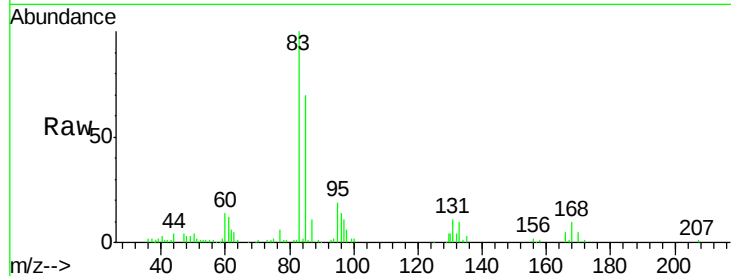
Tgt Ion: 83 Resp: 28111

Ion Ratio Lower Upper

83 100

131 10.7 5.1 15.4

85 64.3 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): CC.

Ion 130.80 (130.50 to 131.50): CC.

Ion 84.90 (84.60 to 85.60): CC.

12.71

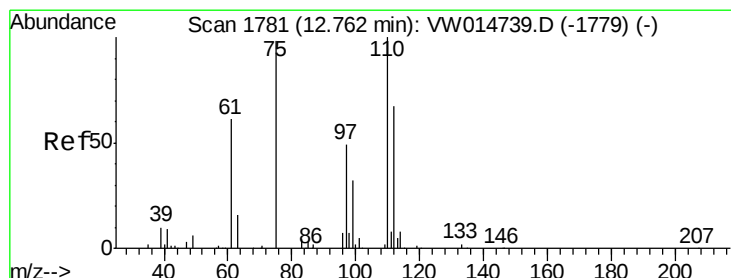
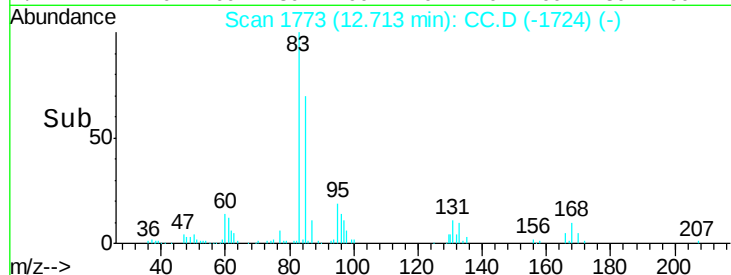
15000

10000

5000

0

Time-->



#76

1,2,3-Trichloropropane

Concen: 8.68 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. 0.01 min

Lab File: CC.D

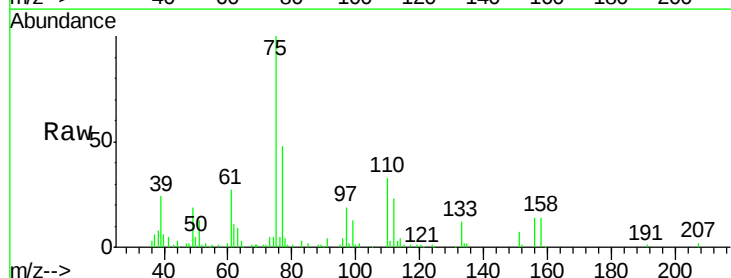
Acq: 24 Jan 2020 10:07

Tgt Ion: 75 Resp: 35681

Ion Ratio Lower Upper

75 100

77 0.0 167.9 503.9#



Abundance Ion 74.90 (74.60 to 75.60): CC.

Ion 77.00 (76.70 to 77.70): CC.

40000

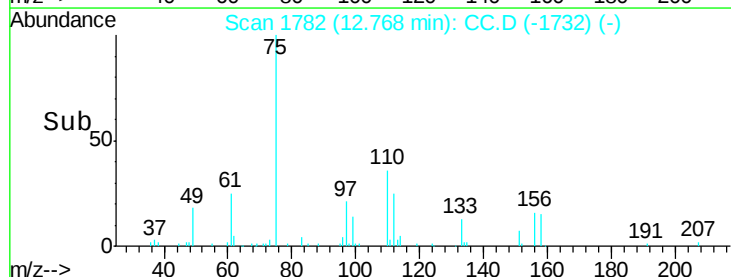
30000

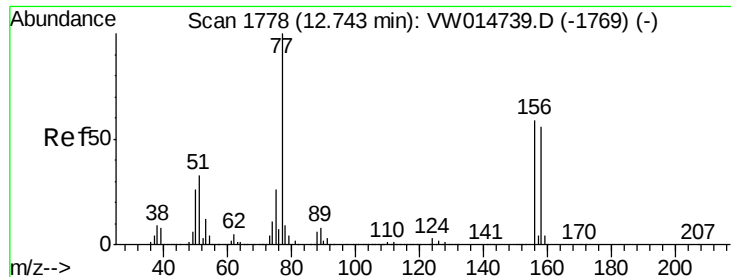
20000

10000

0

Time-->

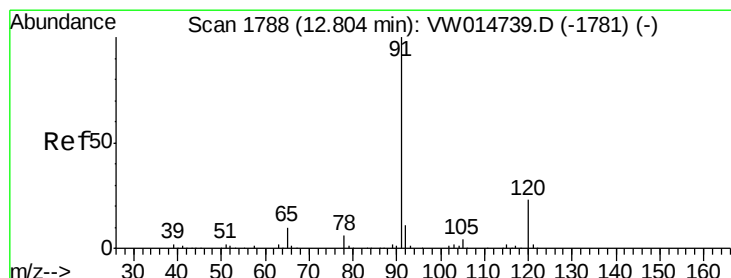
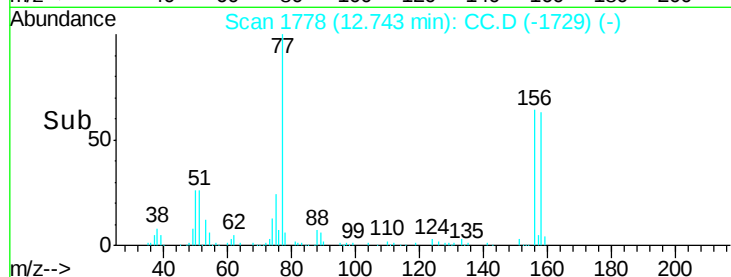
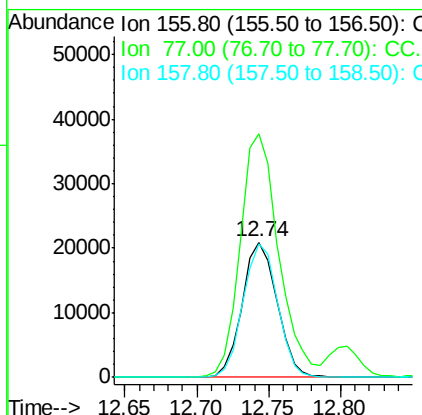
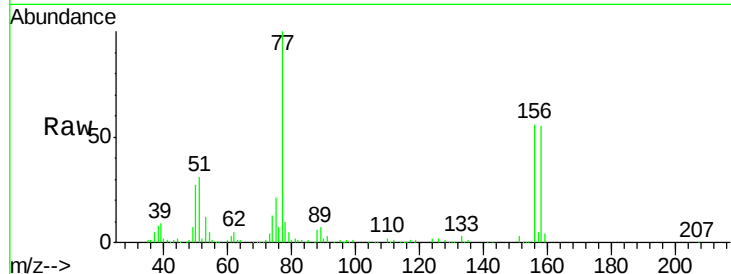




#77
Bromobenzene
Concen: 4.67 ug/l
RT: 12.74 min Scan# 1778
Delta R.T. -0.00 min
Lab File: CC.D
Acq: 24 Jan 2020 10:07

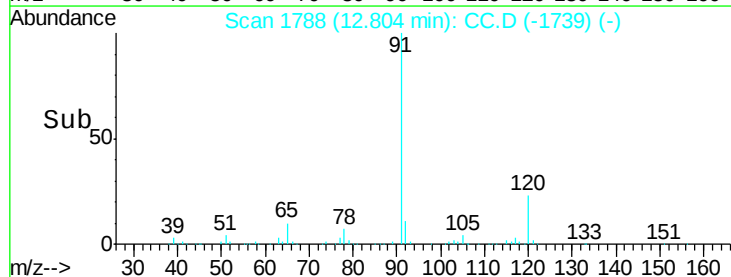
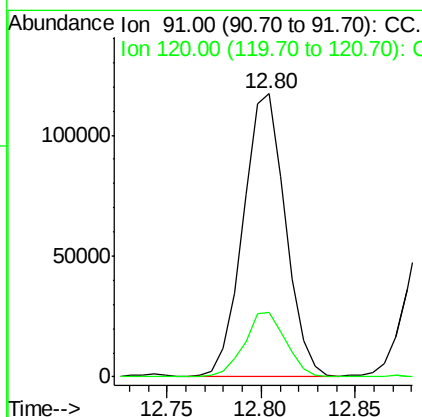
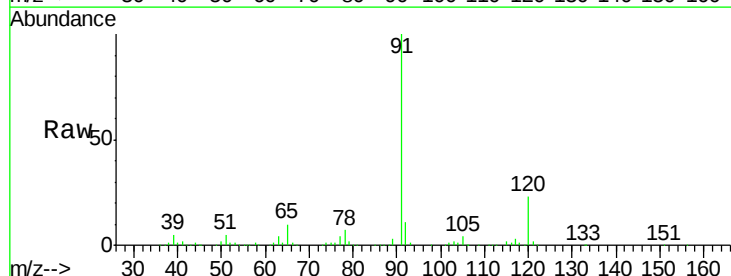
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

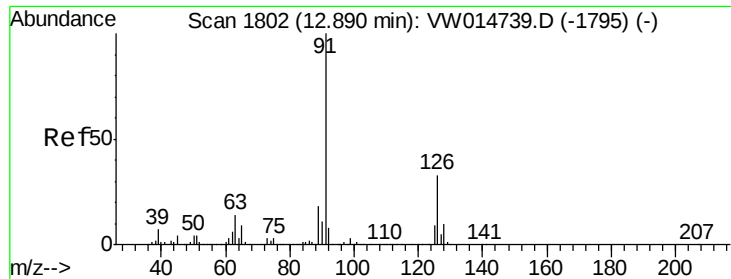
Tgt Ion:156 Resp: 35123
Ion Ratio Lower Upper
156 100
77 199.6 94.5 283.5
158 97.7 48.3 144.8



#78
n-propylbenzene
Concen: 4.74 ug/l
RT: 12.80 min Scan# 1788
Delta R.T. -0.00 min
Lab File: CC.D
Acq: 24 Jan 2020 10:07

Tgt Ion: 91 Resp: 181770
Ion Ratio Lower Upper
91 100
120 22.4 11.3 33.9





#79

2-Chlorotoluene

Concen: 4.88 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.00 min

Lab File: CC.D

Acq: 24 Jan 2020 10:07

Instrument :

MSVOA_W

ClientSampleId :

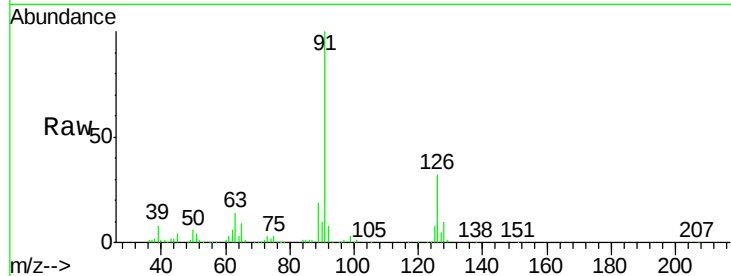
VSTDIC005

Tgt Ion: 91 Resp: 106474

Ion Ratio Lower Upper

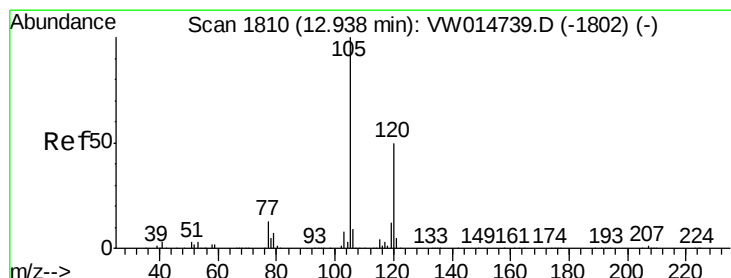
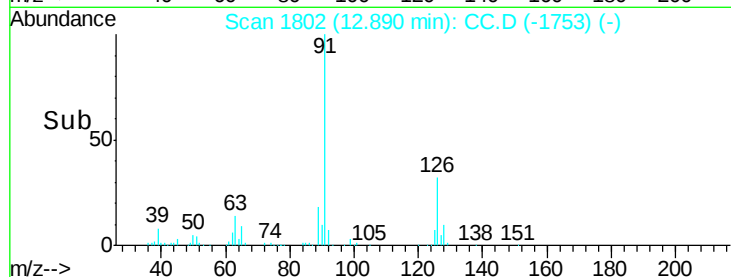
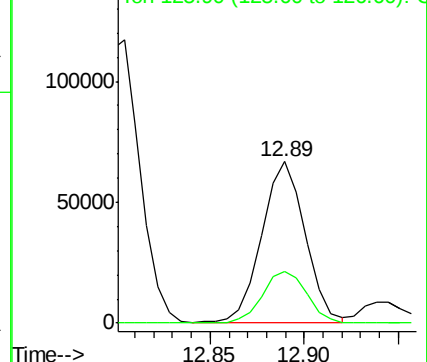
91 100

126 33.1 16.9 50.6



Abundance Ion 91.00 (90.70 to 91.70): CC.D

Ion 125.90 (125.60 to 126.60): CC.D



#80

1,3,5-Trimethylbenzene

Concen: 4.58 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.01 min

Lab File: CC.D

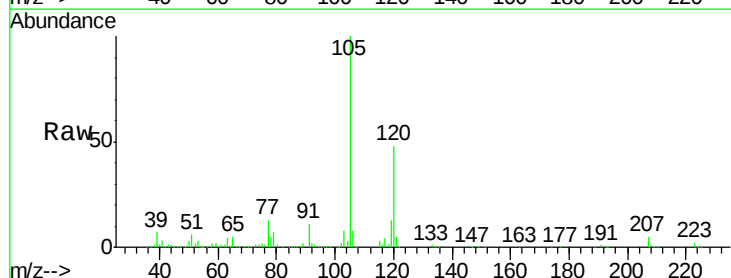
Acq: 24 Jan 2020 10:07

Tgt Ion: 105 Resp: 125255

Ion Ratio Lower Upper

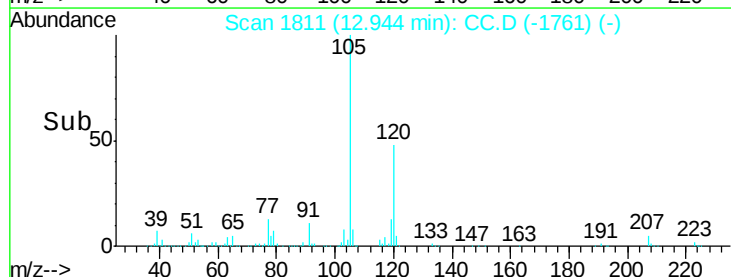
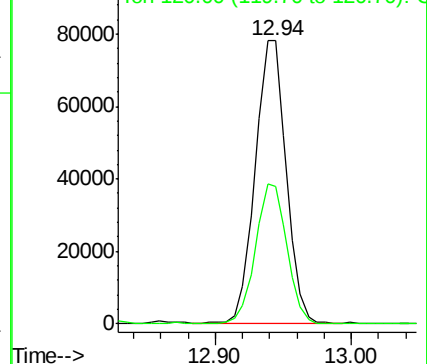
105 100

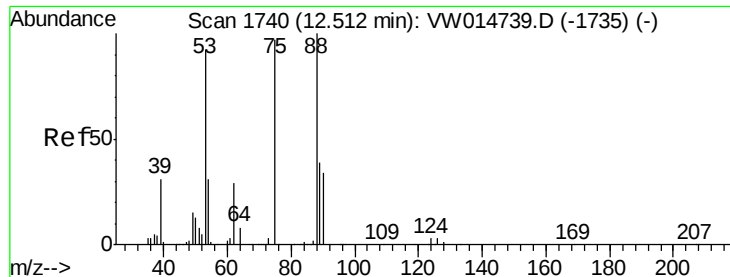
120 49.8 25.0 75.0



Abundance Ion 105.00 (104.70 to 105.70): CC.D

Ion 120.00 (119.70 to 120.70): CC.D





#81

trans-1,4-Dichloro-2-butene

Concen: 4.33 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. -0.00 min

Lab File: CC.D

Acq: 24 Jan 2020 10:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

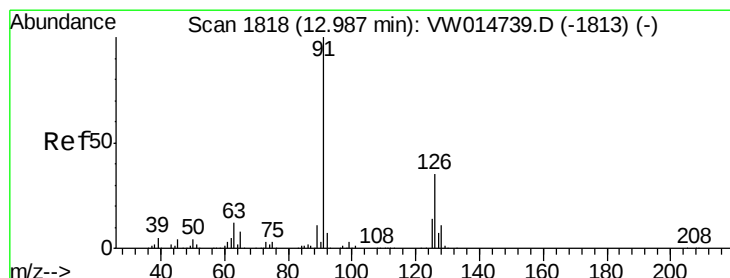
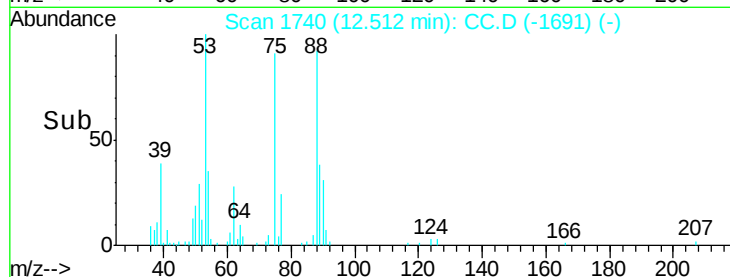
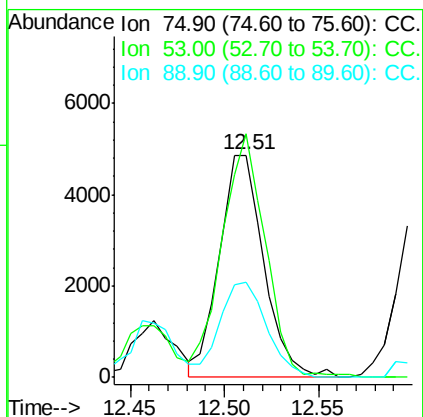
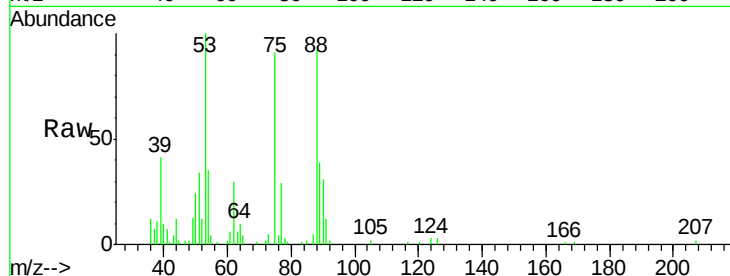
Tgt Ion: 75 Resp: 7994

Ion Ratio Lower Upper

75 100

53 106.5 77.0 115.4

89 44.1 35.2 52.8



#82

4-Chlorotoluene

Concen: 4.90 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. -0.00 min

Lab File: CC.D

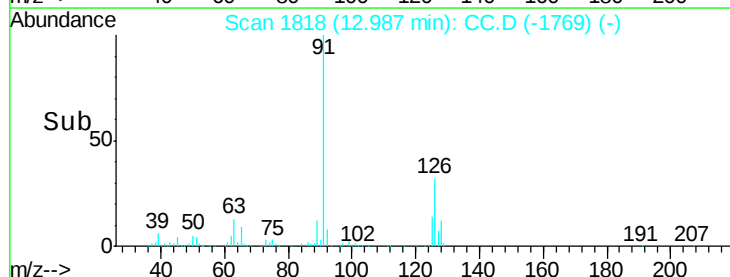
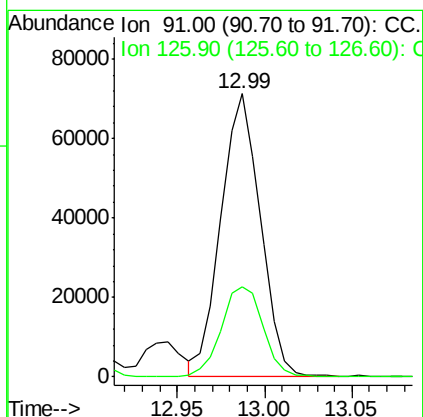
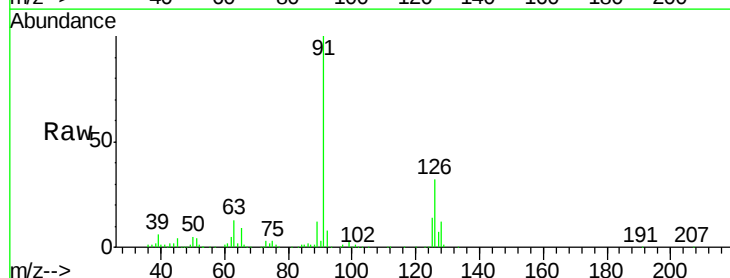
Acq: 24 Jan 2020 10:07

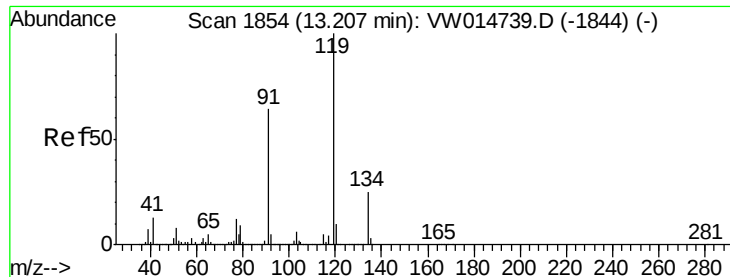
Tgt Ion: 91 Resp: 111227

Ion Ratio Lower Upper

91 100

126 33.8 16.7 50.1





#83

tert-Butylbenzene

Concen: 4.53 ug/l

RT: 13.21 min Scan# 1854

Delta R.T. -0.00 min

Lab File: CC.D

Acq: 24 Jan 2020 10:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

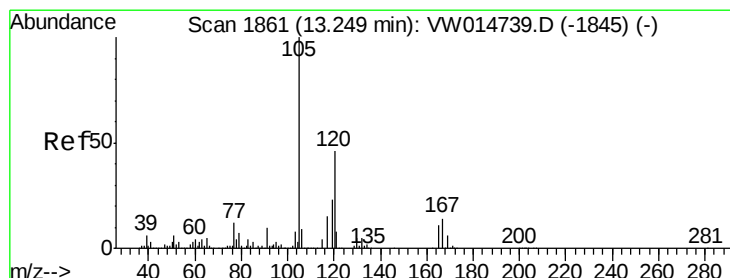
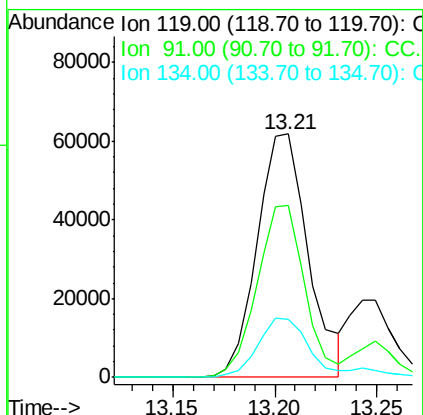
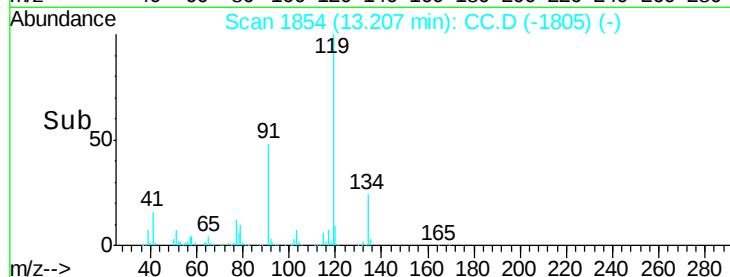
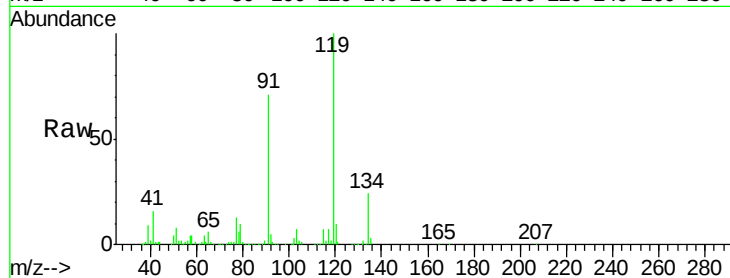
Tgt Ion:119 Resp: 108103

Ion Ratio Lower Upper

119 100

91 66.1 32.1 96.3

134 24.4 13.4 40.2



#84

1,2,4-Trimethylbenzene

Concen: 4.60 ug/l

RT: 13.25 min Scan# 1861

Delta R.T. -0.00 min

Lab File: CC.D

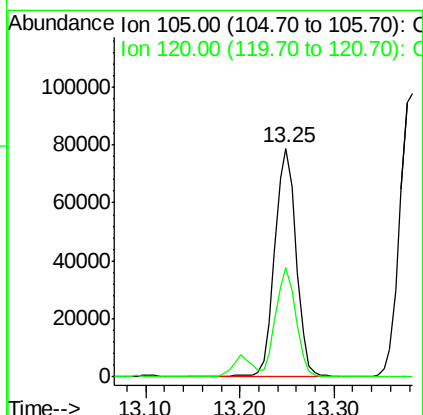
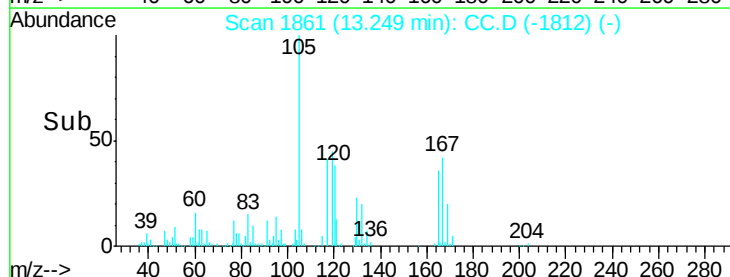
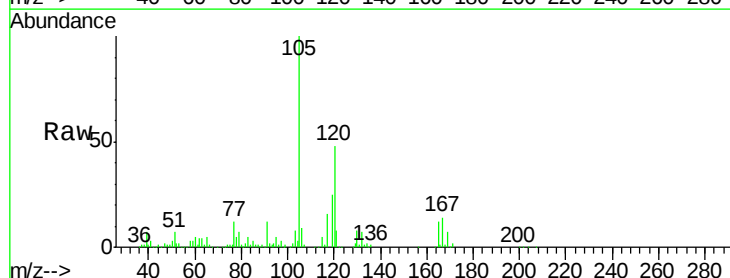
Acq: 24 Jan 2020 10:07

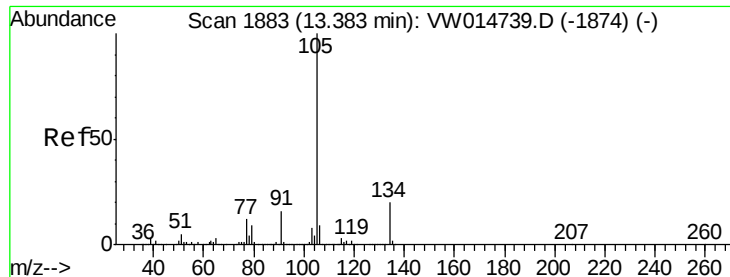
Tgt Ion:105 Resp: 125245

Ion Ratio Lower Upper

105 100

120 45.5 23.3 69.8

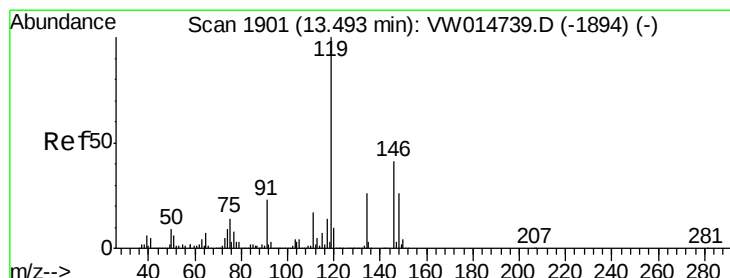
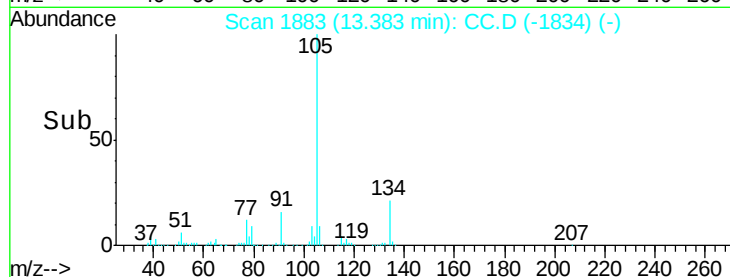
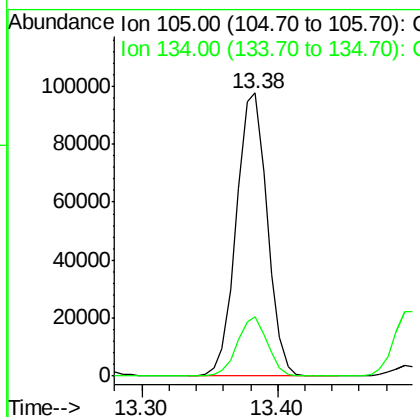
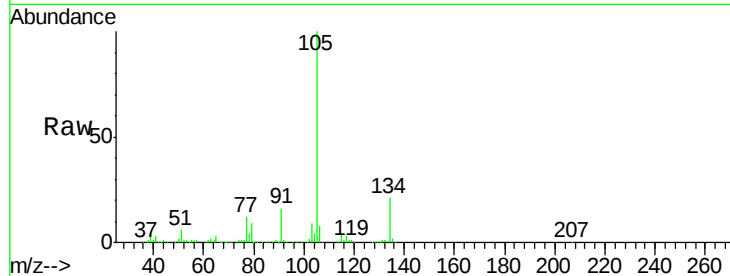




#85
 sec-Butylbenzene
 Concen: 4.67 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: CC.D
 Acq: 24 Jan 2020 10:07

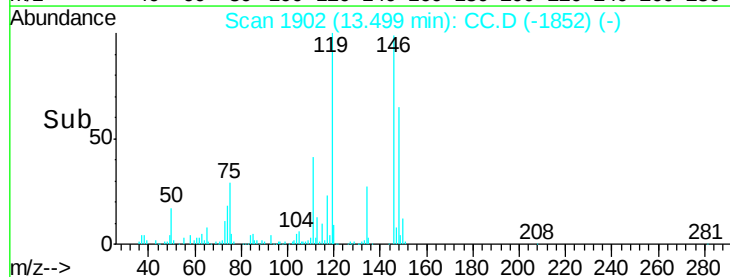
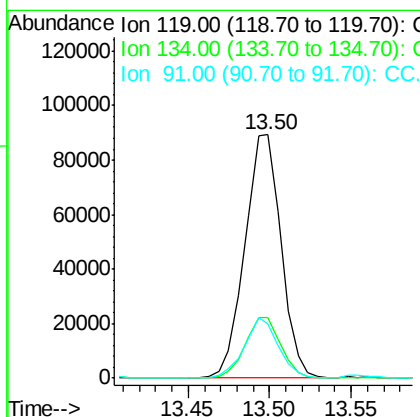
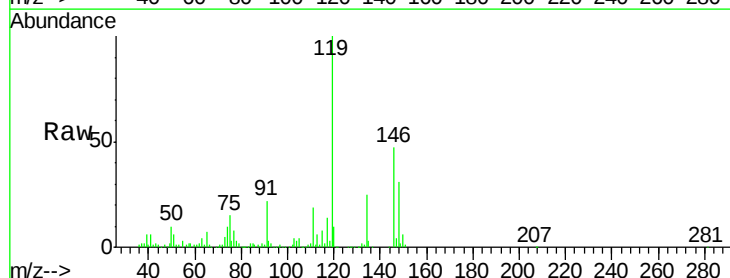
Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC005

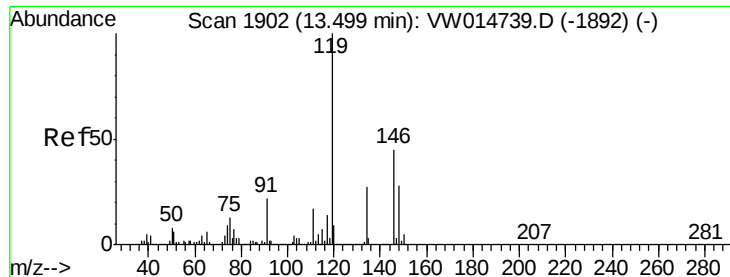
Tgt Ion:105 Resp: 154801
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 4.56 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.01 min
 Lab File: CC.D
 Acq: 24 Jan 2020 10:07

Tgt Ion:119 Resp: 137750
 Ion Ratio Lower Upper
 119 100
 134 24.8 13.0 38.9
 91 23.3 11.4 34.2

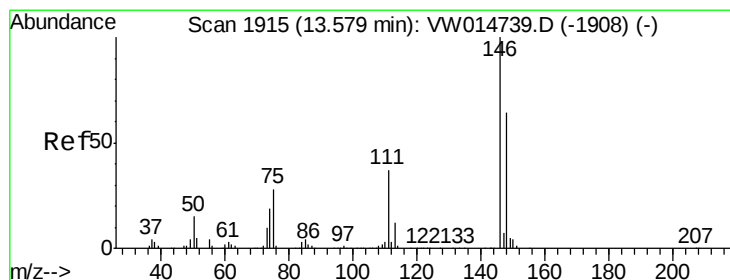
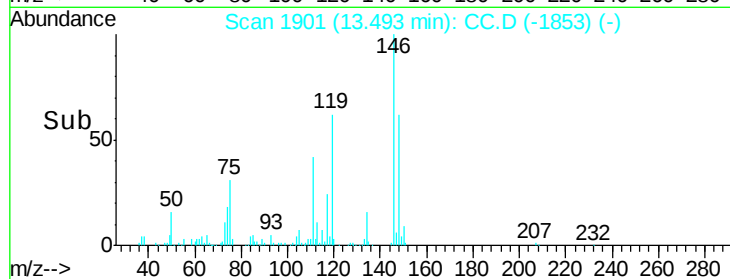
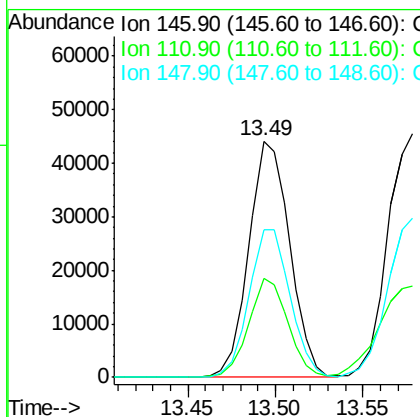
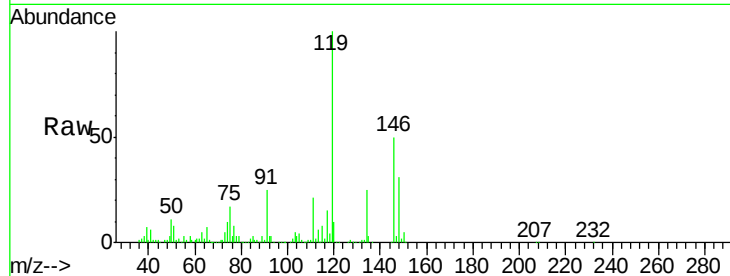




#87
 1,3-Dichlorobenzene
 Concen: 4.90 ug/l
 RT: 13.49 min Scan# 1901
 Delta R.T. -0.01 min
 Lab File: CC.D
 Acq: 24 Jan 2020 10:07

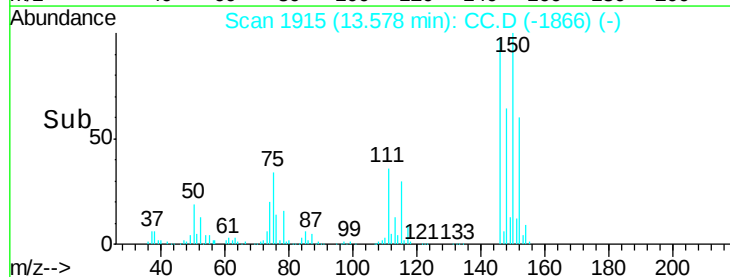
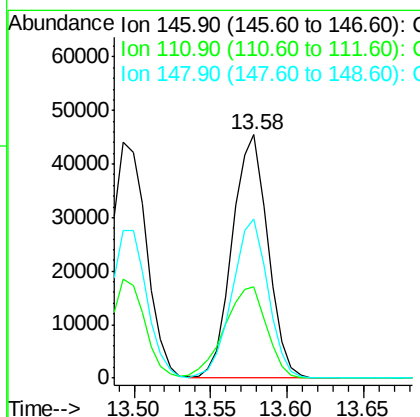
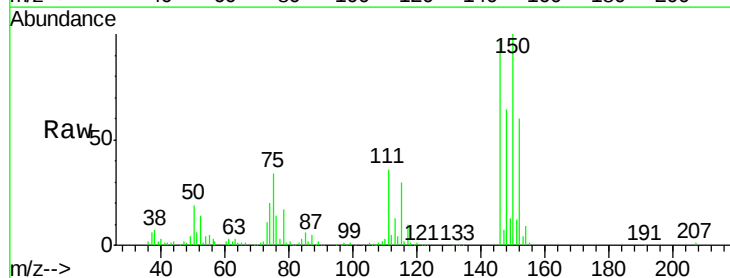
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

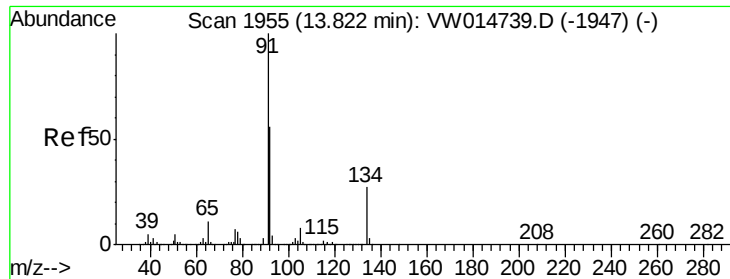
Tgt Ion:146 Resp: 71795
 Ion Ratio Lower Upper
 146 100
 111 40.5 19.8 59.4
 148 63.0 31.6 95.0



#88
 1,4-Dichlorobenzene
 Concen: 5.09 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: CC.D
 Acq: 24 Jan 2020 10:07

Tgt Ion:146 Resp: 73377
 Ion Ratio Lower Upper
 146 100
 111 44.8 19.4 58.4
 148 66.1 32.0 96.2





#89

n-Butylbenzene

Concen: 4.62 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. -0.00 min

Lab File: CC.D

Acq: 24 Jan 2020 10:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

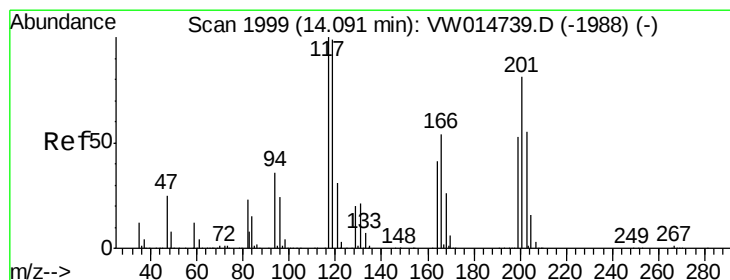
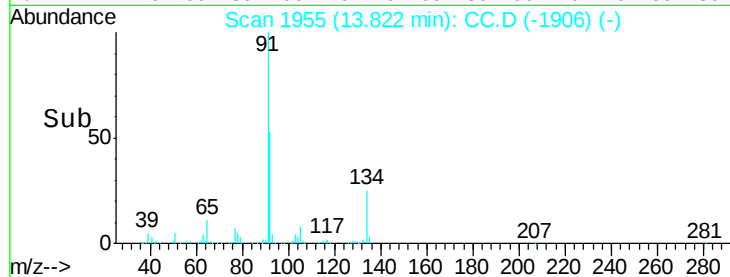
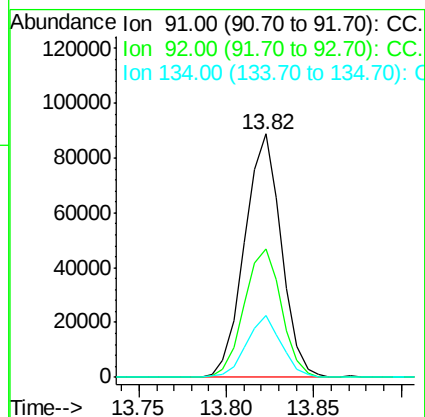
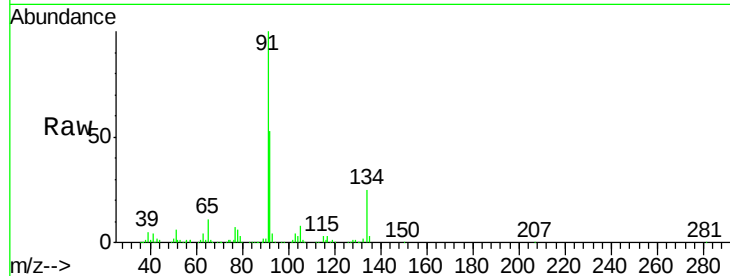
Tgt Ion: 91 Resp: 129920

Ion Ratio Lower Upper

91 100

92 54.0 27.5 82.4

134 24.2 13.1 39.1



#90

Hexachloroethane

Concen: 4.88 ug/l

RT: 14.09 min Scan# 1999

Delta R.T. -0.00 min

Lab File: CC.D

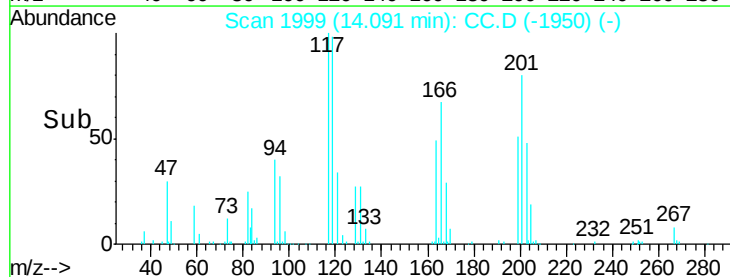
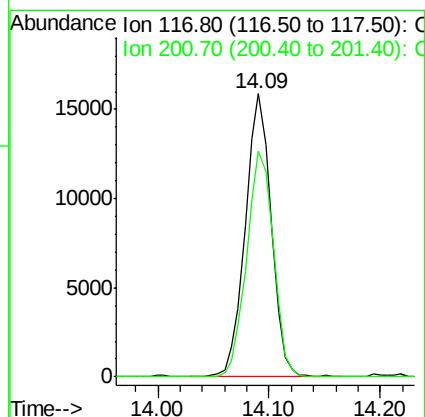
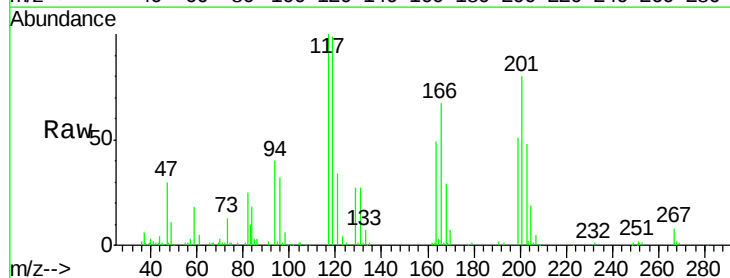
Acq: 24 Jan 2020 10:07

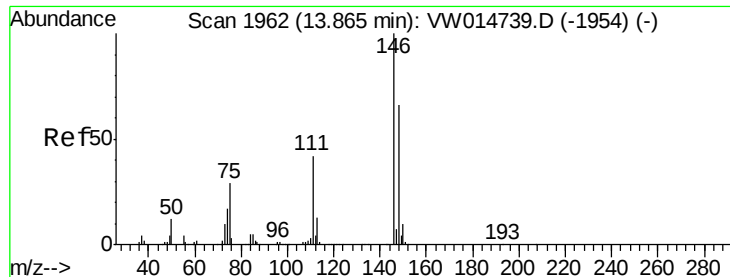
Tgt Ion: 117 Resp: 25672

Ion Ratio Lower Upper

117 100

201 82.3 41.6 124.9

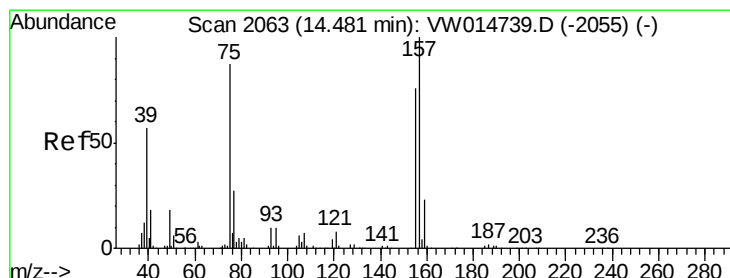
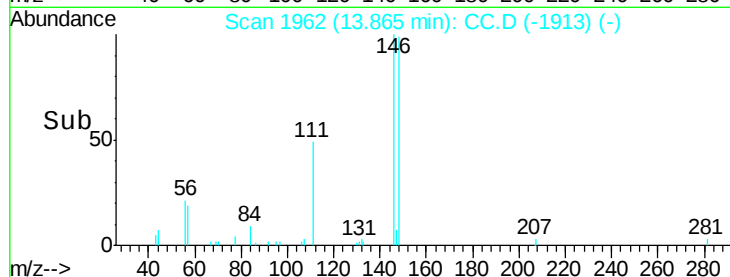
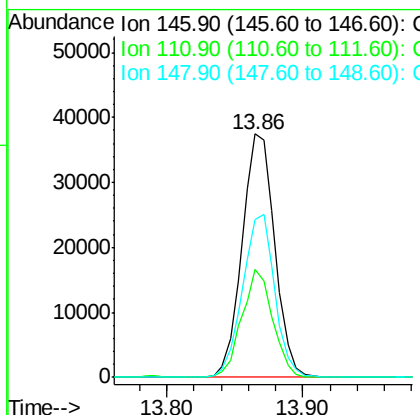
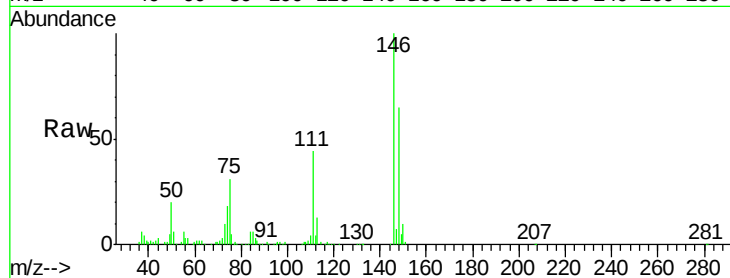




#91
 1,2-Dichlorobenzene
 Concen: 4.89 ug/l
 RT: 13.86 min Scan# 1962
 Delta R.T. -0.00 min
 Lab File: CC.D
 Acq: 24 Jan 2020 10:07

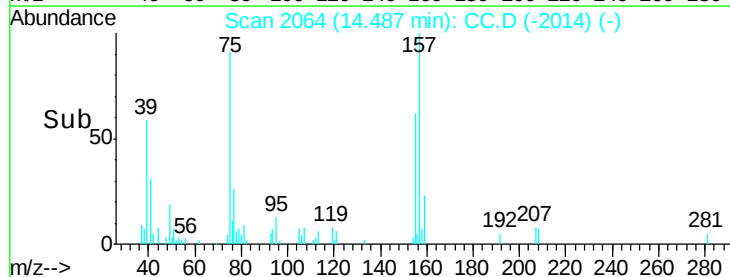
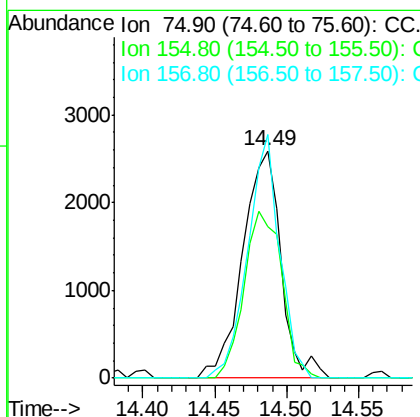
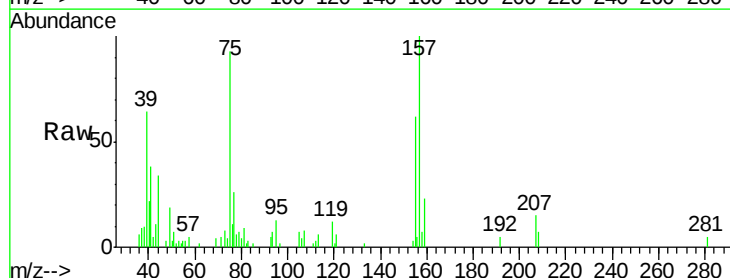
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

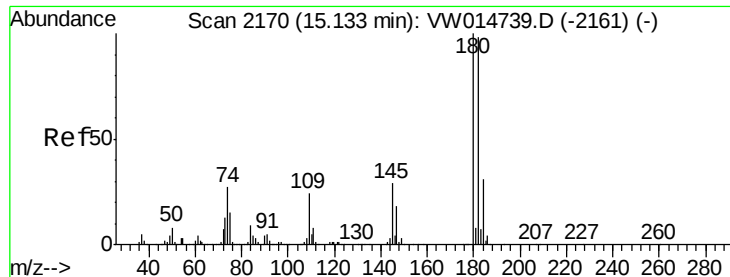
Tgt Ion:146 Resp: 62959
 Ion Ratio Lower Upper
 146 100
 111 42.0 20.7 62.1
 148 65.9 32.5 97.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 5.20 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.01 min
 Lab File: CC.D
 Acq: 24 Jan 2020 10:07

Tgt Ion: 75 Resp: 4741
 Ion Ratio Lower Upper
 75 100
 155 72.5 42.5 127.5
 157 89.4 54.8 164.4

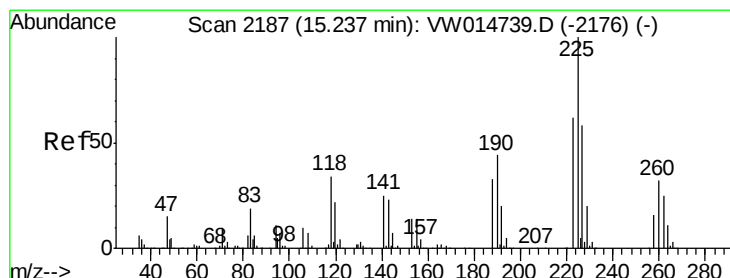
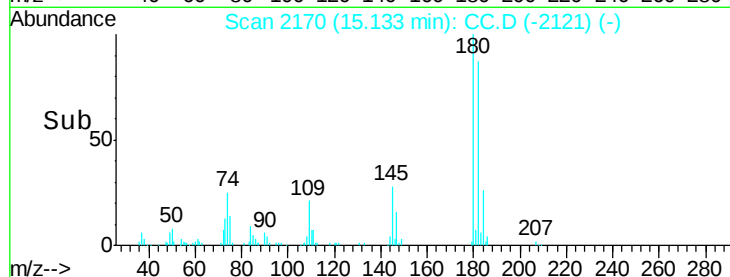
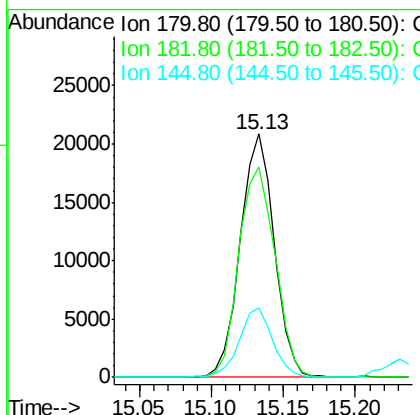
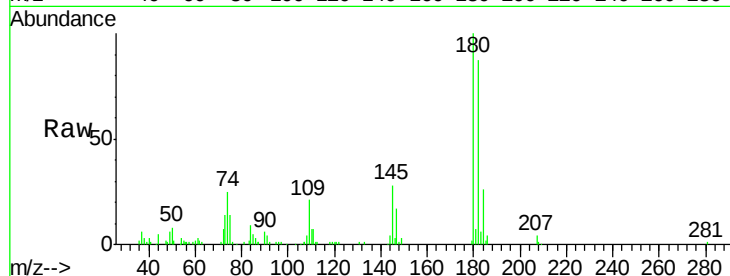




#93
 1,2,4-Trichlorobenzene
 Concen: 3.96 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: CC.D
 Acq: 24 Jan 2020 10:07

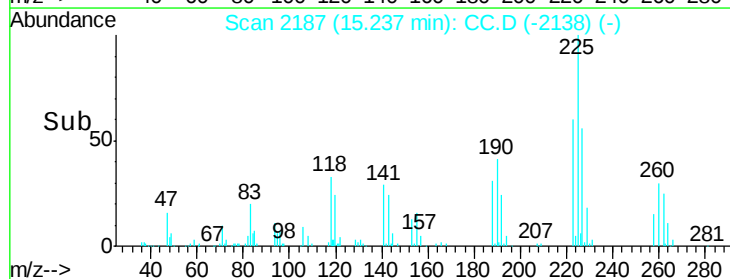
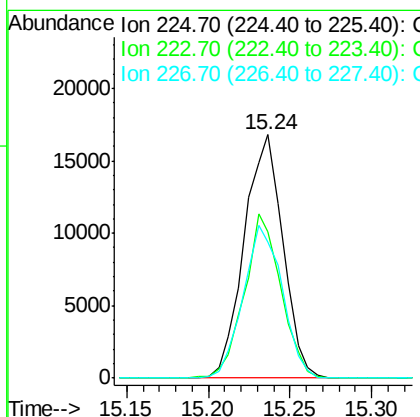
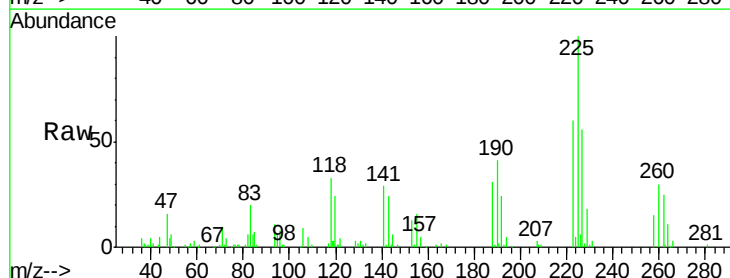
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

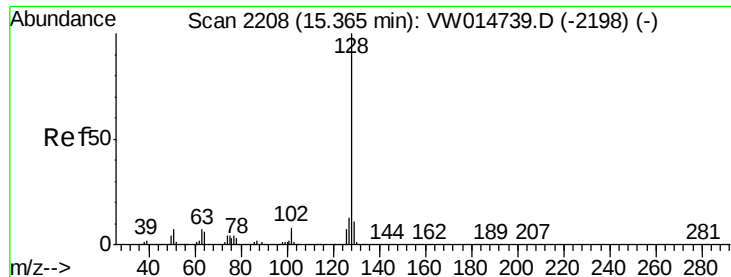
Tgt Ion:180 Resp: 34143
 Ion Ratio Lower Upper
 180 100
 182 92.6 48.6 145.9
 145 28.4 14.7 44.1



#94
 Hexachlorobutadiene
 Concen: 4.77 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: CC.D
 Acq: 24 Jan 2020 10:07

Tgt Ion:225 Resp: 27786
 Ion Ratio Lower Upper
 225 100
 223 63.9 31.4 94.3
 227 63.4 30.9 92.8





#95

Naphthalene

Concen: 3.18 ug/l

RT: 15.36 min Scan# 2208

Delta R.T. -0.00 min

Lab File: CC.D

Acq: 24 Jan 2020 10:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

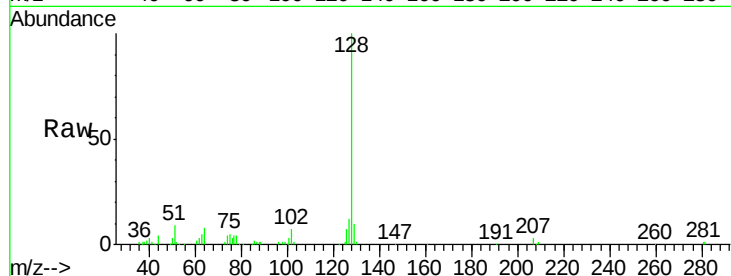
Tgt Ion:128 Resp: 46190

Ion Ratio Lower Upper

128 100

127 13.6 10.6 15.8

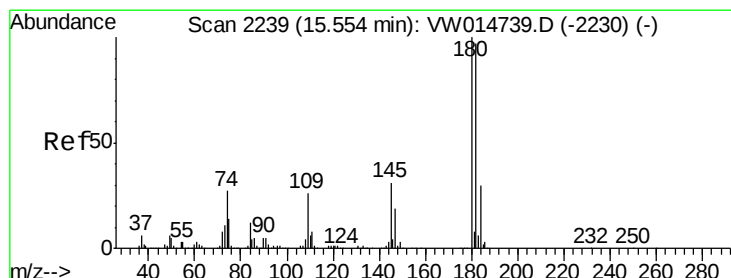
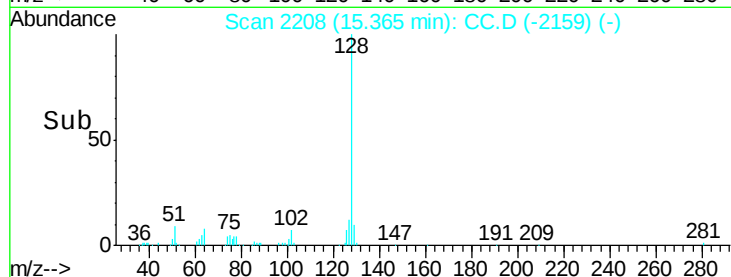
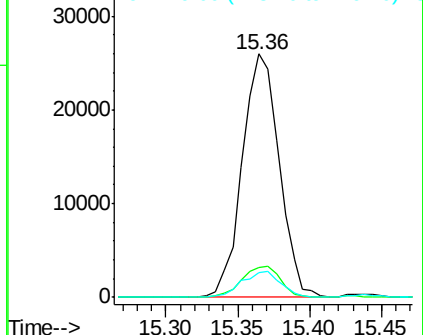
129 11.1 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): C

Ion 127.00 (126.70 to 127.70): C

Ion 129.00 (128.70 to 129.70): C



#96

1,2,3-Trichlorobenzene

Concen: 3.75 ug/l

RT: 15.55 min Scan# 2239

Delta R.T. -0.00 min

Lab File: CC.D

Acq: 24 Jan 2020 10:07

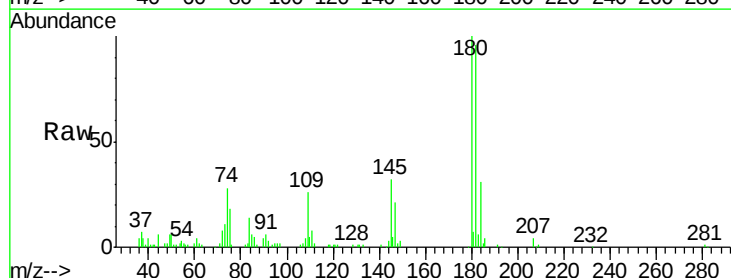
Tgt Ion:180 Resp: 28125

Ion Ratio Lower Upper

180 100

182 95.9 47.2 141.6

145 31.0 15.4 46.4



Abundance Ion 179.80 (179.50 to 180.50): C

Ion 181.80 (181.50 to 182.50): C

Ion 144.90 (144.60 to 145.60): C

