

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW010320\
 Data File : CC.D
 Acq On : 03 Jan 2020 13:03
 Operator : SY/VA
 Sample : VSTDIC005
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jan 03 15:17:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010320S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 03 15:15:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	935958	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	1412234	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	1220414	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	594639	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	42911	5.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	11.96%	
35) Dibromofluoromethane	7.88	113	42415	5.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.88%	
50) Toluene-d8	10.32	98	176052	5.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	11.06%	
62) 4-Bromofluorobenzene	12.62	95	62288	5.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	11.52%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	27107	5.349	ug/l	96
3) Chloromethane	2.21	50	37976	6.959	ug/l	99
4) Vinyl Chloride	2.36	62	50585	6.133	ug/l	94
5) Bromomethane	2.78	94	31158	5.788	ug/l	93
6) Chloroethane	2.92	64	27324	5.526	ug/l	98
7) Trichlorofluoromethane	3.26	101	22632	4.547	ug/l	92
8) Diethyl Ether	3.68	74	23544	5.637	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	46201	5.596	ug/l	98
10) Methyl Iodide	4.27	142	66801	5.032	ug/l	100
11) Tert butyl alcohol	5.16	59	23586	50.210	ug/l #	81
12) 1,1-Dichloroethene	4.04	96	46680	5.461	ug/l	93
13) Acrolein	3.89	56	17857	33.765	ug/l	95
14) Allyl chloride	4.66	41	71579	5.439	ug/l	99
15) Acrylonitrile	5.36	53	52322	29.542	ug/l	98
16) Acetone	4.12	43	72113	44.343	ug/l	97
17) Carbon Disulfide	4.38	76	141675	5.727	ug/l	99
18) Methyl Acetate	4.66	43	29253	6.576	ug/l	96
19) Methyl tert-butyl Ether	5.42	73	58375	5.608	ug/l	98
20) Methylene Chloride	4.92	84	69870	7.290	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	50890	5.550	ug/l	92
22) Diisopropyl ether	6.31	45	133100	5.528	ug/l	93
23) Vinyl Acetate	6.25	43	376850	26.456	ug/l	99
24) 1,1-Dichloroethane	6.20	63	85956	5.652	ug/l	99
25) 2-Butanone	7.17	43	78105	33.519	ug/l	95
26) 2,2-Dichloropropane	7.16	77	56151	6.438	ug/l	93
27) cis-1,2-Dichloroethene	7.17	96	52183	5.367	ug/l	94
28) Bromochloromethane	7.51	49	35474	6.954	ug/l	100
29) Tetrahydrofuran	7.52	42	46298	32.056	ug/l	96
30) Chloroform	7.67	83	79753	5.340	ug/l	98
31) Cyclohexane	7.95	56	98862	6.217	ug/l #	84
32) 1,1,1-Trichloroethane	7.87	97	63344	5.385	ug/l	96
36) 1,1-Dichloropropene	8.08	75	69307	5.233	ug/l	99
37) Ethyl Acetate	7.25	43	30642	5.707	ug/l	96
38) Carbon Tetrachloride	8.06	117	59230	4.997	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW010320\
 Data File : CC.D
 Acq On : 03 Jan 2020 13:03
 Operator : SY/VA
 Sample : VSTDIC005
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jan 03 15:17:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010320S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 03 15:15:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	86410	5.076	ug/l	93
40) Benzene	8.32	78	198006	5.290	ug/l	100
41) Methacrylonitrile	7.48	41	15244	4.641	ug/l #	95
42) 1,2-Dichloroethane	8.40	62	50861	5.348	ug/l	100
43) Isopropyl Acetate	8.42	43	54223	5.383	ug/l	98
44) Trichloroethene	9.09	130	53415	5.042	ug/l	91
45) 1,2-Dichloropropane	9.37	63	47222	5.257	ug/l	96
46) Dibromomethane	9.45	93	23629	5.362	ug/l	98
47) Bromodichloromethane	9.64	83	55905	4.972	ug/l	100
48) Methyl methacrylate	9.43	41	25978	5.223	ug/l	96
49) 1,4-Dioxane	9.44	88	8129	115.866	ug/l	95
51) 4-Methyl-2-Pentanone	10.21	43	141119	27.738	ug/l	98
52) Toluene	10.38	92	121165	5.039	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	55166	4.813	ug/l	94
54) cis-1,3-Dichloropropene	10.07	75	69198	4.912	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	34739	5.295	ug/l	97
56) Ethyl methacrylate	10.64	69	37918	4.557	ug/l	97
57) 1,3-Dichloropropane	10.93	76	59586	5.292	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	60765	17.111	ug/l	97
59) 2-Hexanone	10.97	43	91149	26.035	ug/l	99
60) Dibromochloromethane	11.13	129	37099	4.826	ug/l	98
61) 1,2-Dibromoethane	11.23	107	31691	5.099	ug/l	100
64) Tetrachloroethene	10.86	164	45693	4.946	ug/l	96
65) Chlorobenzene	11.65	112	126399	5.042	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.73	131	41500	4.765	ug/l	99
67) Ethyl Benzene	11.73	91	223204	4.940	ug/l	97
68) m/p-Xylenes	11.84	106	169035	9.692	ug/l	100
69) o-Xylene	12.16	106	77441	4.830	ug/l	98
70) Styrene	12.18	104	126810	4.614	ug/l	100
71) Bromoform	12.35	173	21836	4.707	ug/l #	100
73) Isopropylbenzene	12.46	105	213308	4.987	ug/l	98
74) N-amyl acetate	12.27	43	44046	5.093	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.71	83	40323	5.743	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	49908	10.771	ug/l #	100
77) Bromobenzene	12.74	156	50010	4.910	ug/l	99
78) n-propylbenzene	12.80	91	250899	5.058	ug/l	100
79) 2-Chlorotoluene	12.89	91	146909	5.264	ug/l	97
80) 1,3,5-Trimethylbenzene	12.94	105	177700	4.938	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	10943	4.655	ug/l	85
82) 4-Chlorotoluene	12.99	91	153227	5.248	ug/l	99
83) tert-Butylbenzene	13.21	119	157207	4.925	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	180575	5.078	ug/l	98
85) sec-Butylbenzene	13.38	105	217424	4.971	ug/l	100
86) p-Isopropyltoluene	13.49	119	197015	4.851	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	100482	5.101	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	99603	5.080	ug/l	95
89) n-Butylbenzene	13.82	91	180907	4.911	ug/l	99
90) Hexachloroethane	14.09	117	34983	4.961	ug/l	97
91) 1,2-Dichlorobenzene	13.87	146	88191	5.144	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.48	75	6342	5.881	ug/l	86

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW010320\
Data File : CC.D
Acq On : 03 Jan 2020 13:03
Operator : SY/VA
Sample : VSTDICC005
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Jan 03 15:17:27 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010320S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 03 15:15:19 2020
Response via : Initial Calibration

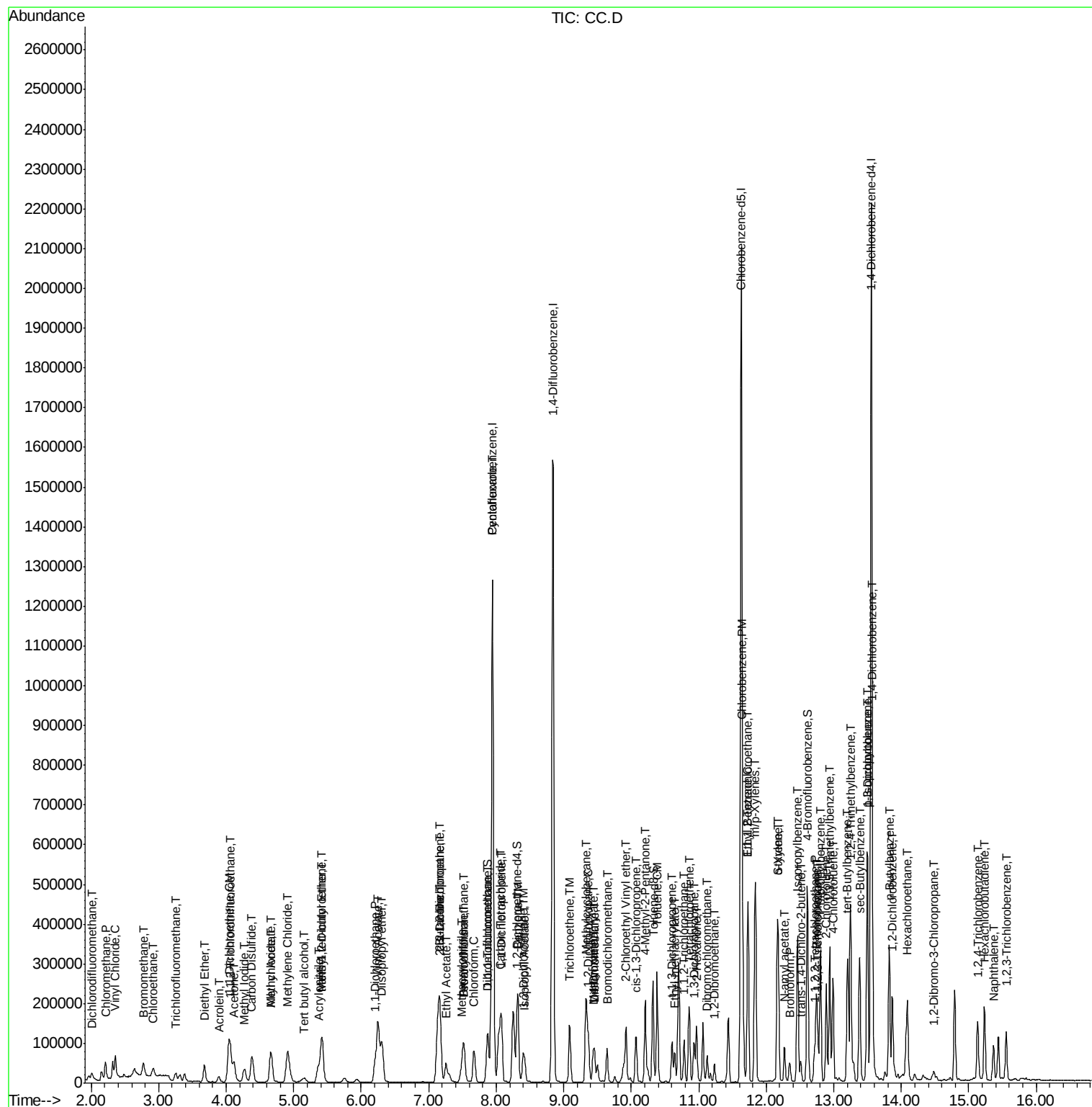
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	51850	4.181	ug/l	99
94) Hexachlorobutadiene	15.23	225	38799	4.663	ug/l	98
95) Naphthalene	15.36	128	75888	3.802	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	45866	4.277	ug/l	99

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW010320\
Data File : CC.D
Acq On : 03 Jan 2020 13:03
Operator : SY/VA
Sample : VSTDIC005
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampled :

Quant Time: Jan 03 15:17:27 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W010320S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 03 15:15:19 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: CC.D

Acq: 03 Jan 2020 13:03

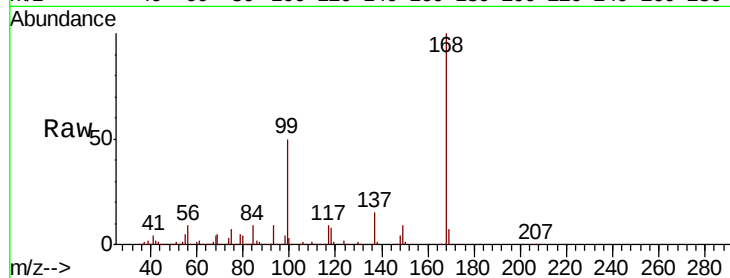
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:168 Resp: 935958

Ion Ratio Lower Upper

168 100

99 49.8 41.1 61.7



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

Ion 98.90 (98.60 to 99.60): CC.D

7.95

400000

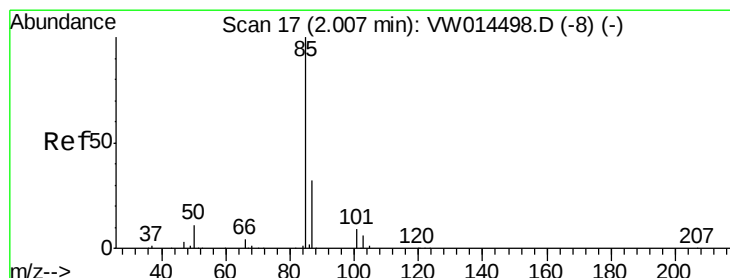
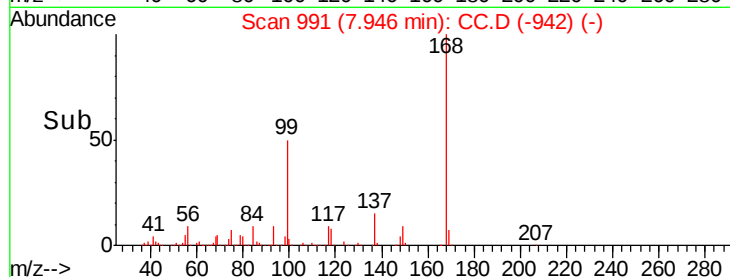
300000

200000

100000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 5.349 ug/l

RT: 2.01 min Scan# 17

Delta R.T. 0.00 min

Lab File: CC.D

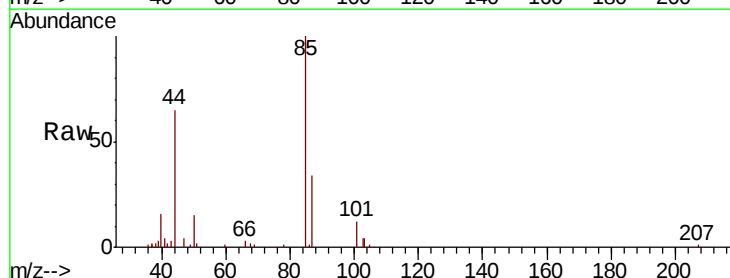
Acq: 03 Jan 2020 13:03

Tgt Ion: 85 Resp: 27107

Ion Ratio Lower Upper

85 100

87 34.3 16.2 48.5



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

Ion 86.90 (86.60 to 87.60): CC.D

2.01

10000

8000

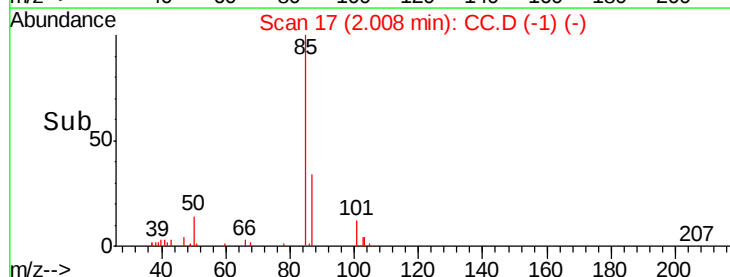
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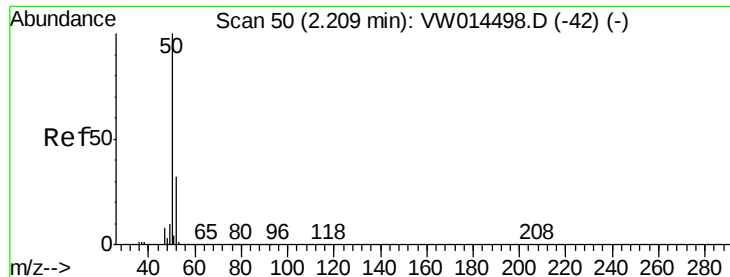
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2000

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Time-->

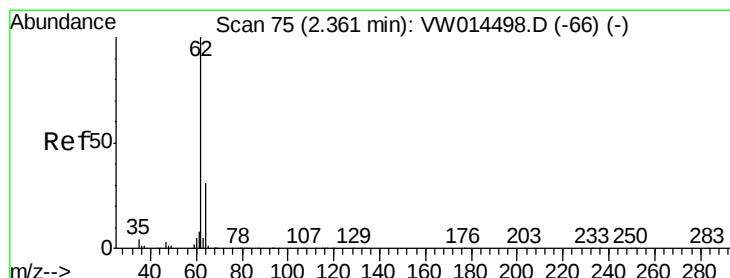
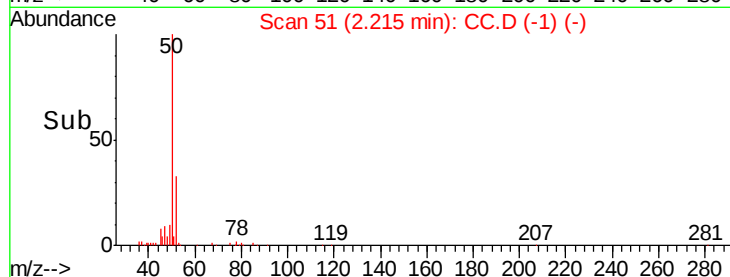
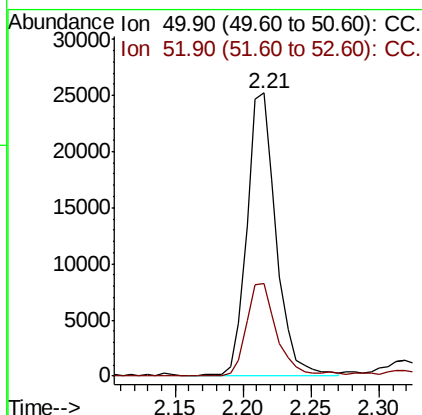
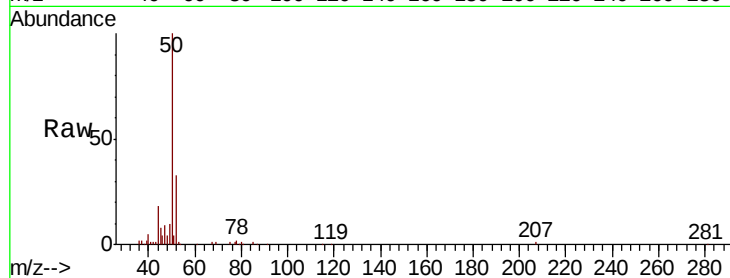




#3
Chloromethane
Concen: 6.959 ug/l
RT: 2.21 min Scan# 51
Delta R.T. 0.01 min
Lab File: CC.D
Acq: 03 Jan 2020 13:03

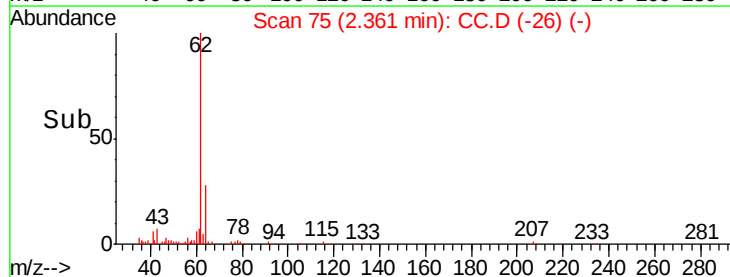
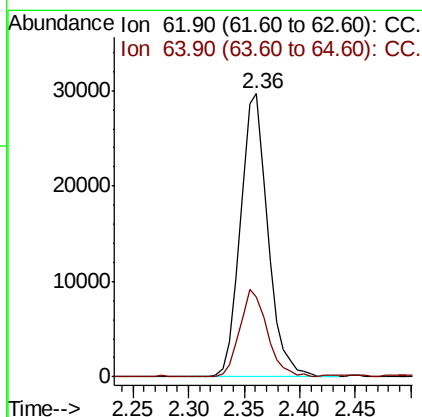
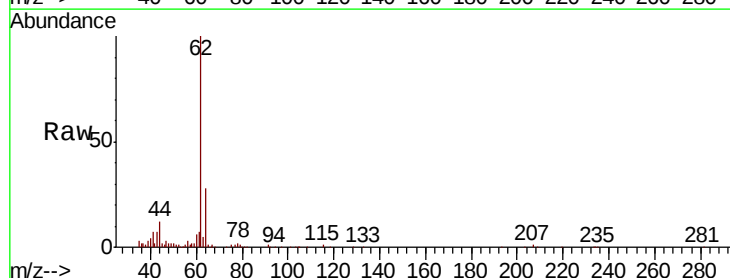
Instrument :
MSVOA_W
ClientSampled :

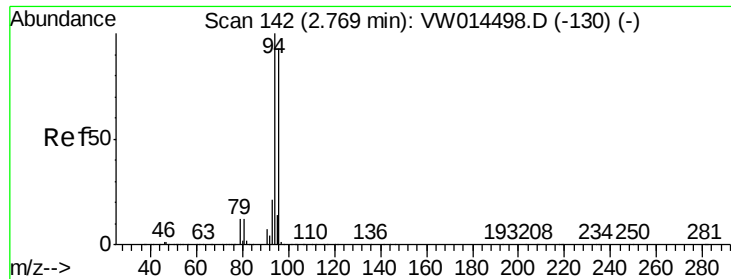
Tot Ion: 50 Resp: 37976
Ion Ratio Lower Upper
50 100
52 32.8 25.8 38.8



#4
Vinyl Chloride
Concen: 6.133 ug/l
RT: 2.36 min Scan# 75
Delta R.T. 0.00 min
Lab File: CC.D
Acq: 03 Jan 2020 13:03

Tgt Ion: 62 Resp: 50585
Ion Ratio Lower Upper
62 100
64 28.1 25.0 37.4





#5

Bromomethane

Concen: 5.788 ug/l

RT: 2.78 min Scan# 143

Delta R.T. 0.01 min

Lab File: CC.D

Acq: 03 Jan 2020 13:03

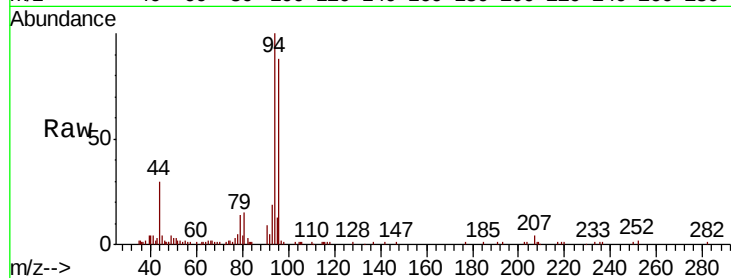
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 94 Resp: 31158

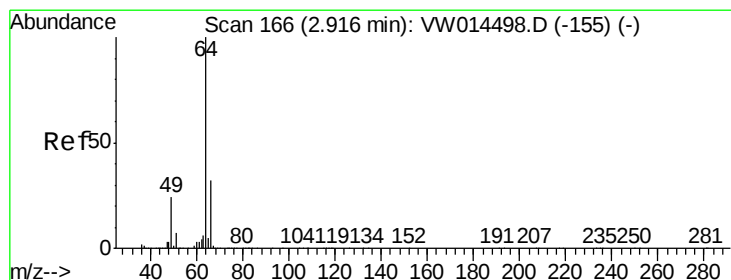
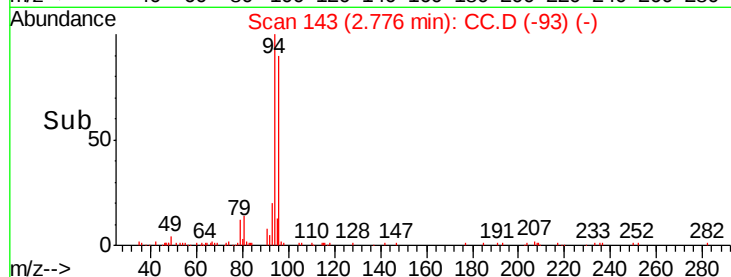
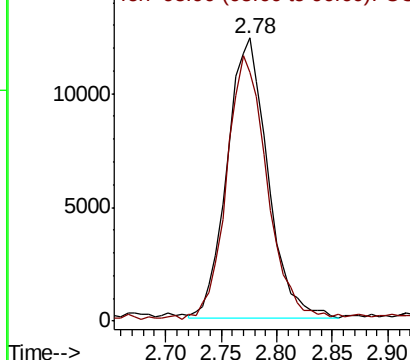
Ion Ratio Lower Upper

94 100

96 86.4 74.2 111.2



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



#6

Chloroethane

Concen: 5.526 ug/l

RT: 2.92 min Scan# 167

Delta R.T. 0.01 min

Lab File: CC.D

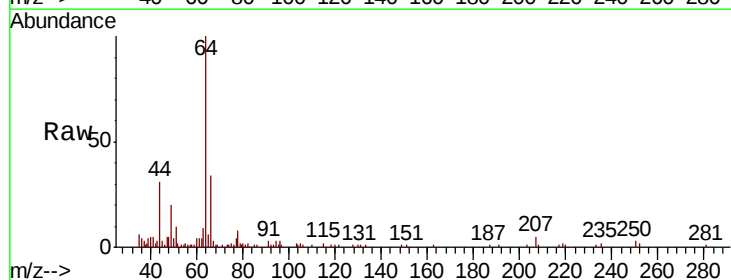
Acq: 03 Jan 2020 13:03

Tgt Ion: 64 Resp: 27324

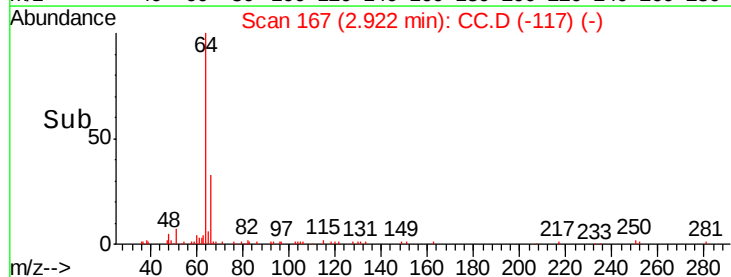
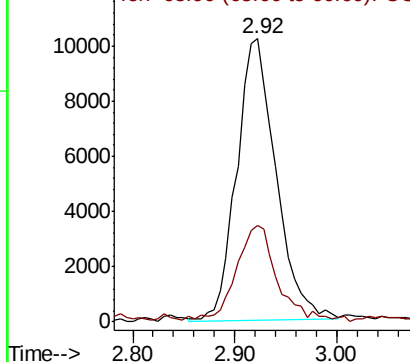
Ion Ratio Lower Upper

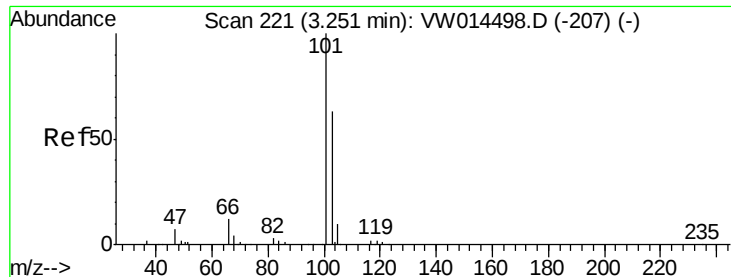
64 100

66 33.2 25.7 38.5



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



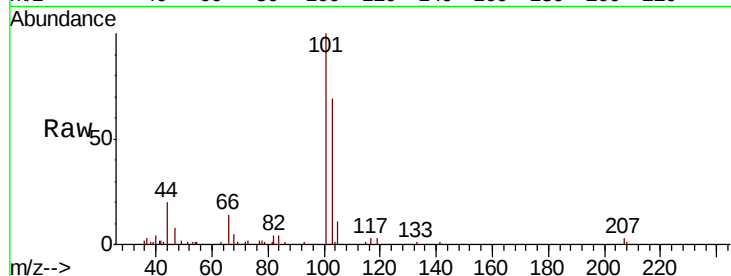


#7

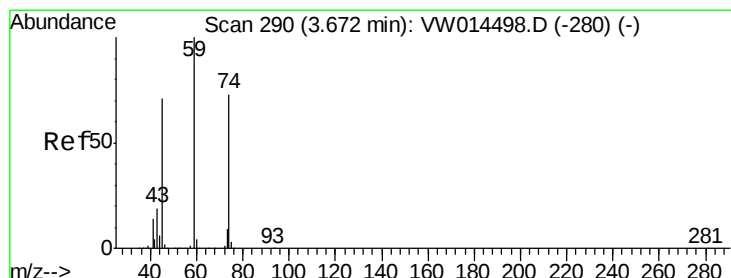
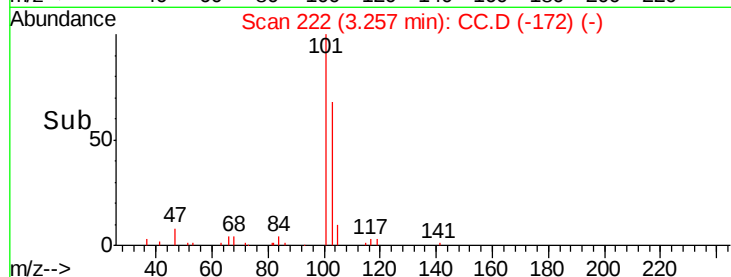
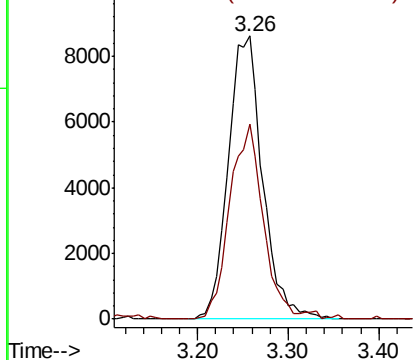
Trichlorofluoromethane
 Concen: 4.547 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. 0.01 min
 Lab File: CC.D
 Acq: 03 Jan 2020 13:03

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion:101 Resp: 22632
 Ion Ratio Lower Upper
 101 100
 103 68.9 50.1 75.1



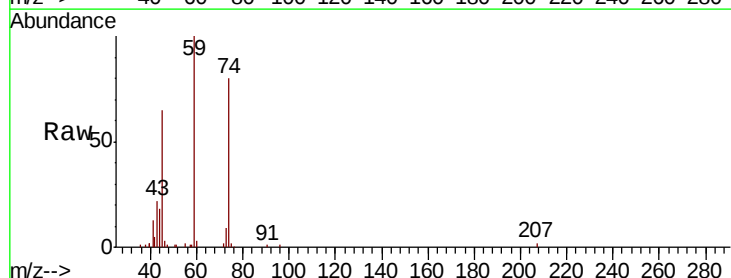
Abundance Ion 100.90 (100.60 to 101.60): C
 Ion 102.80 (102.50 to 103.50): C



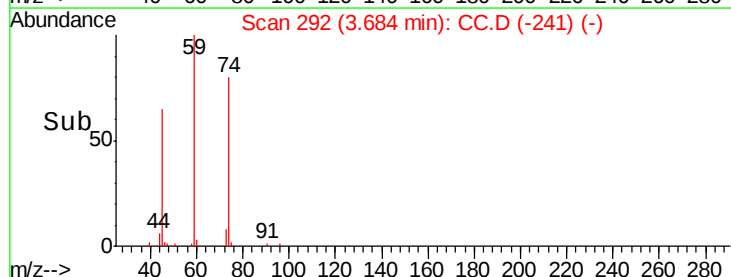
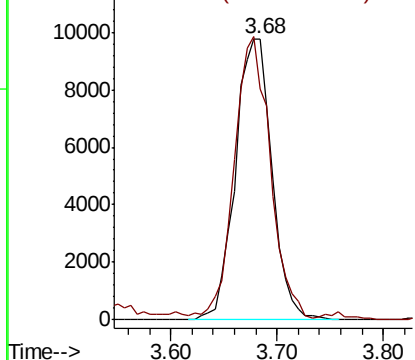
#8

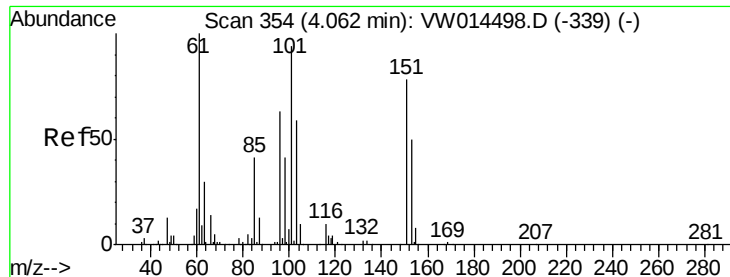
Diethyl Ether
 Concen: 5.637 ug/l
 RT: 3.68 min Scan# 292
 Delta R.T. 0.01 min
 Lab File: CC.D
 Acq: 03 Jan 2020 13:03

Tgt Ion: 74 Resp: 23544
 Ion Ratio Lower Upper
 74 100
 45 98.2 48.6 145.8



Abundance Ion 74.00 (73.70 to 74.70): CC.
 Ion 45.00 (44.70 to 45.70): CC.





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.596 ug/l

RT: 4.06 min Scan# 354

Delta R.T. 0.00 min

Lab File: CC.D

Acq: 03 Jan 2020 13:03

Instrument :

MSVOA_W

ClientSampleId :

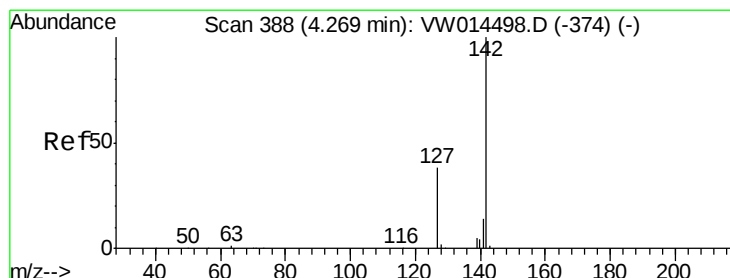
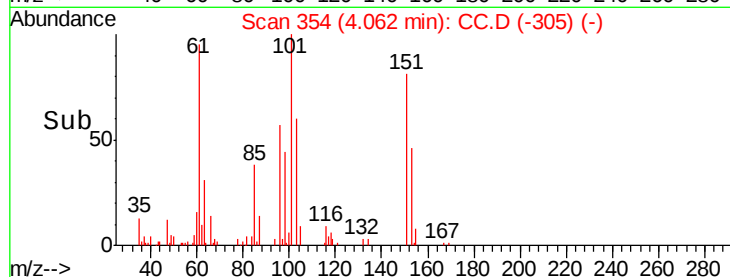
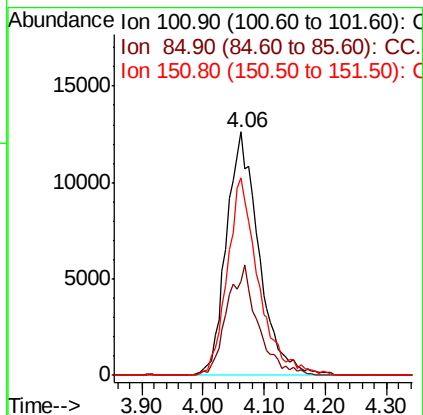
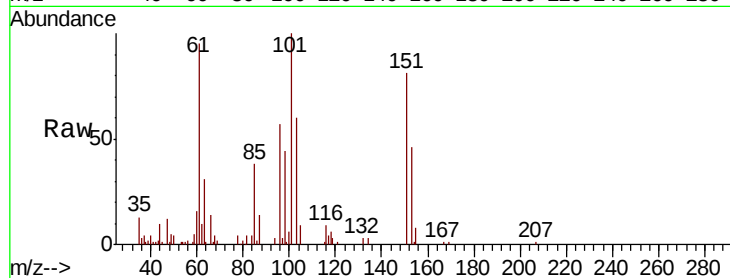
Tot Ion:101 Resp: 46201

Ion Ratio Lower Upper

101 100

85 43.0 33.7 50.5

151 78.0 63.5 95.3



#10

Methyl Iodide

Concen: 5.032 ug/l

RT: 4.27 min Scan# 388

Delta R.T. 0.00 min

Lab File: CC.D

Acq: 03 Jan 2020 13:03

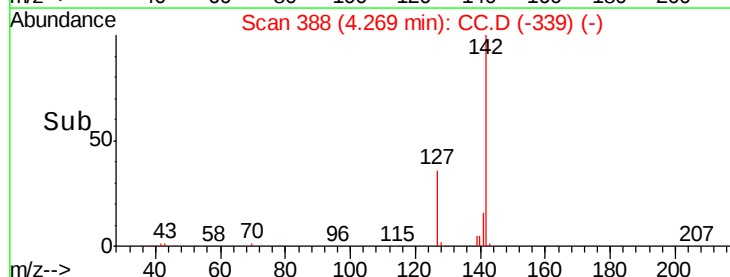
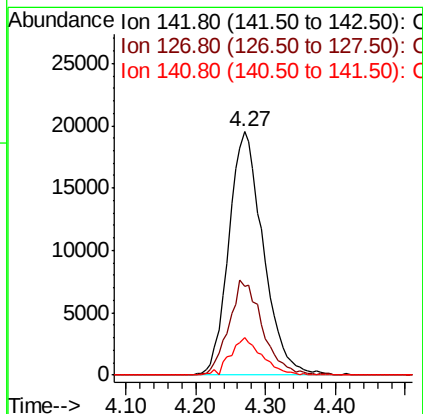
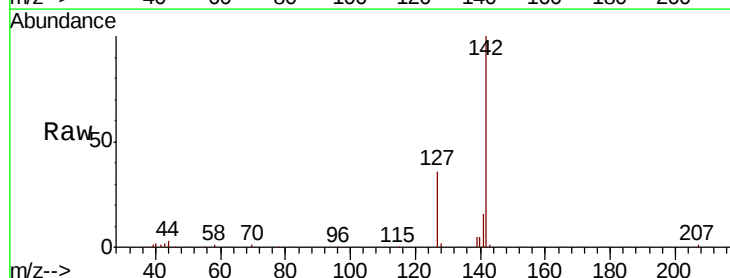
Tgt Ion:142 Resp: 66801

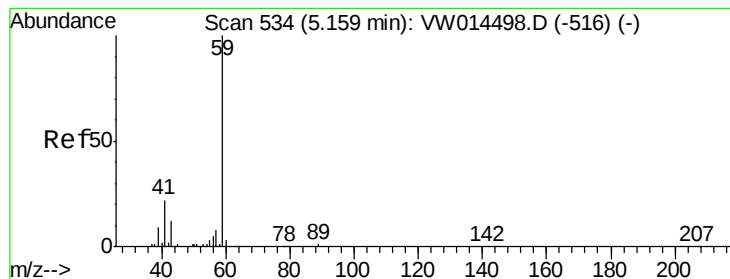
Ion Ratio Lower Upper

142 100

127 37.8 30.2 45.4

141 14.3 11.4 17.2



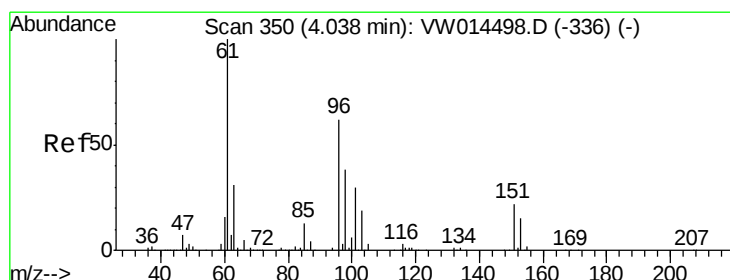
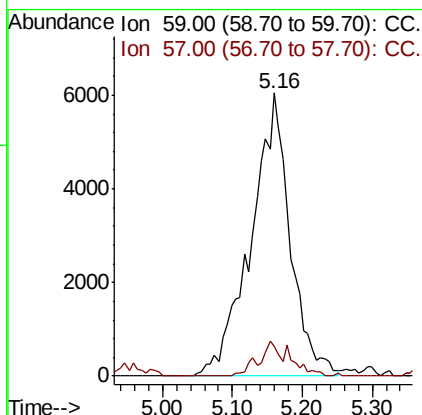
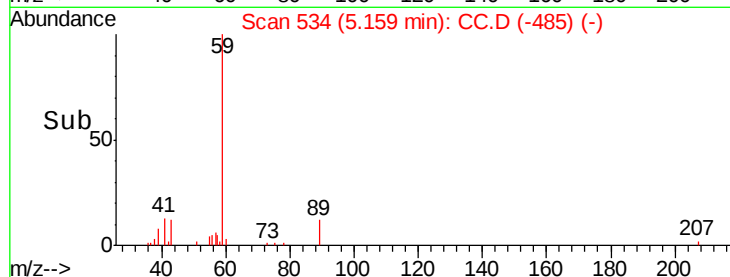
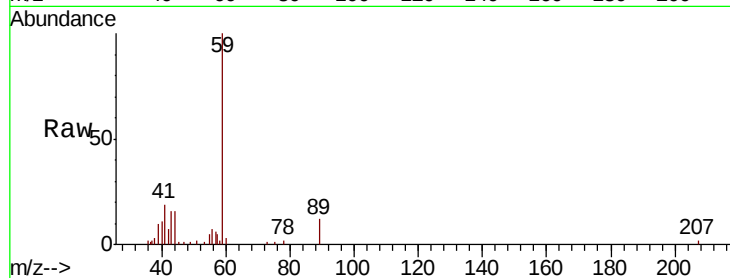


#11

Tert butyl alcohol
 Concen: 50.210 ug/l
 RT: 5.16 min Scan# 534
 Delta R.T. 0.00 min
 Lab File: CC.D
 Acq: 03 Jan 2020 13:03

Instrument :
 MSVOA_W
 ClientSampleId :

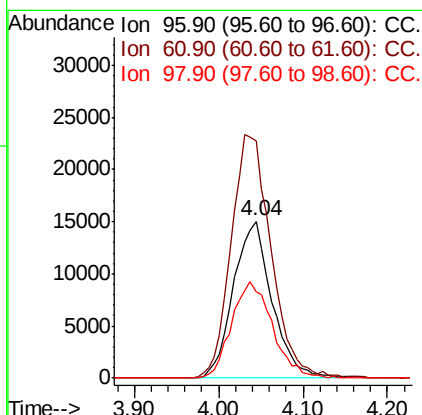
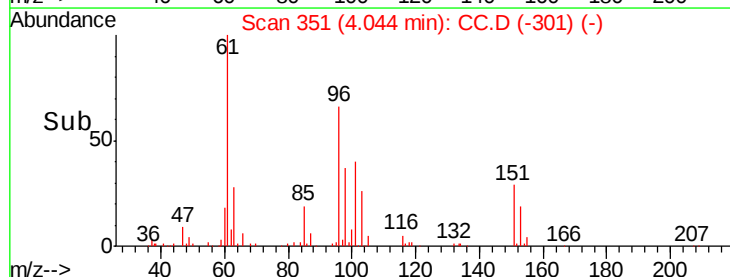
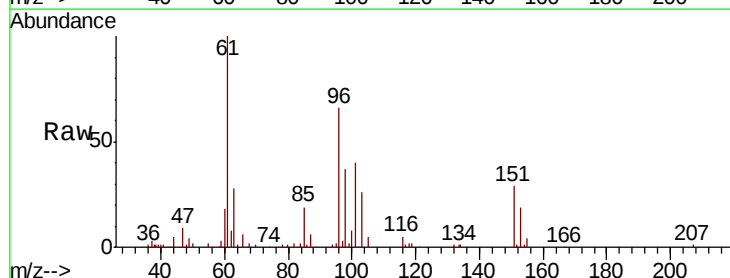
Tot Ion: 59 Resp: 23586
 Ion Ratio Lower Upper
 59 100
 57 2.8 7.8 11.8#

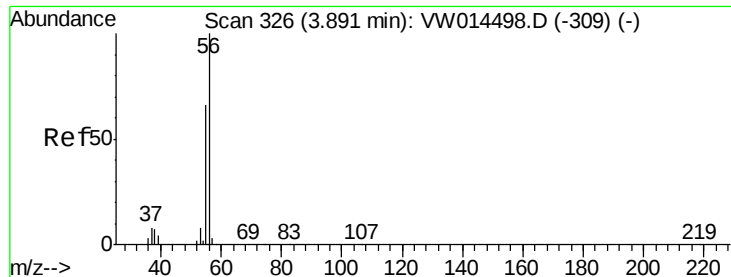


#12

1,1-Dichloroethene
 Concen: 5.461 ug/l
 RT: 4.04 min Scan# 351
 Delta R.T. 0.01 min
 Lab File: CC.D
 Acq: 03 Jan 2020 13:03

Tgt Ion: 96 Resp: 46680
 Ion Ratio Lower Upper
 96 100
 61 151.6 128.4 192.6
 98 55.4 49.1 73.7





#13

Acrolein

Concen: 33.765 ug/l

RT: 3.89 min Scan# 326

Delta R.T. 0.00 min

Lab File: CC.D

Acq: 03 Jan 2020 13:03

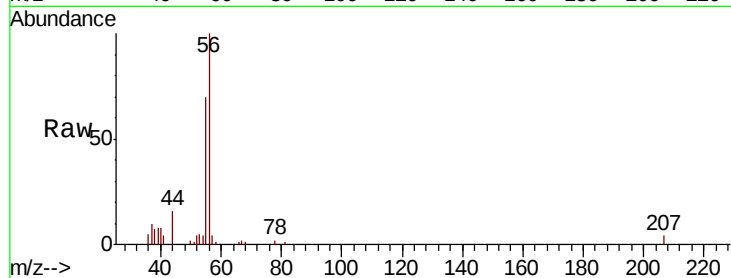
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 56 Resp: 17857

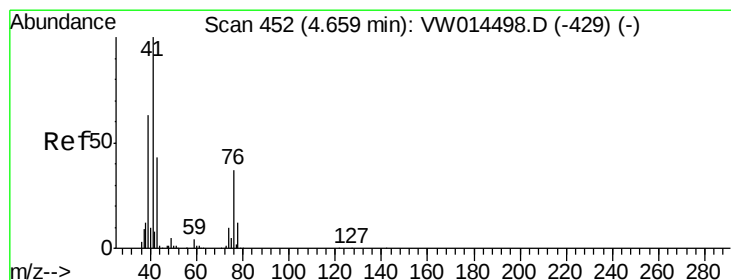
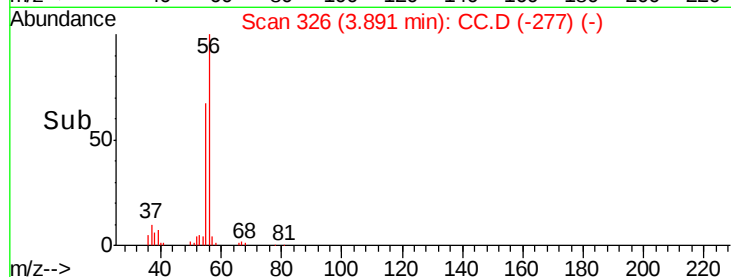
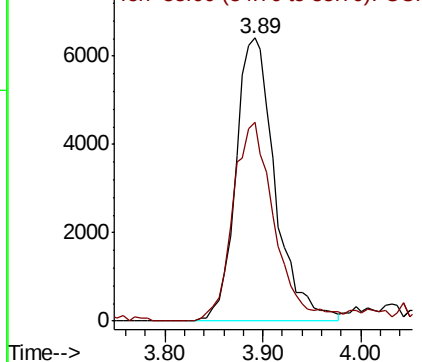
Ion Ratio Lower Upper

56 100

55 74.6 56.7 85.1



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



#14

Allyl chloride

Concen: 5.439 ug/l

RT: 4.66 min Scan# 452

Delta R.T. 0.00 min

Lab File: CC.D

Acq: 03 Jan 2020 13:03

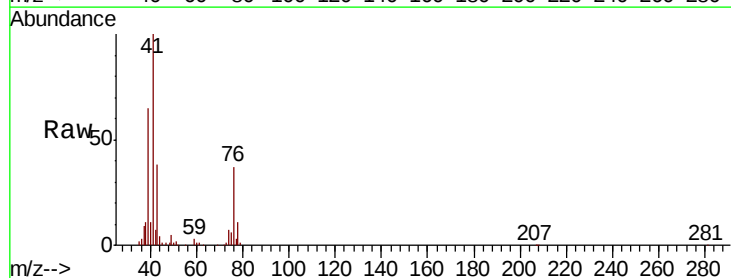
Tgt Ion: 41 Resp: 71579

Ion Ratio Lower Upper

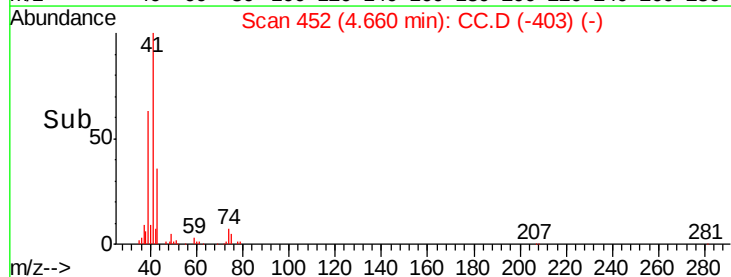
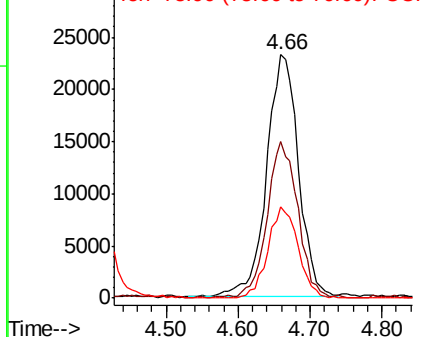
41 100

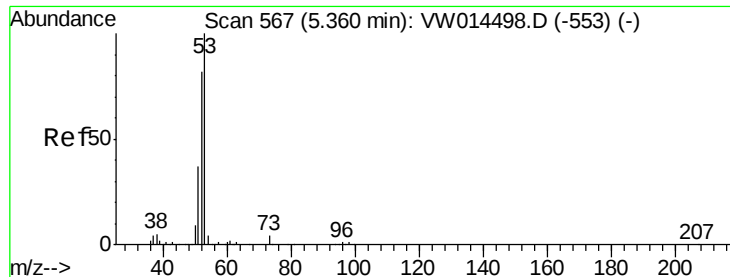
39 61.3 48.5 72.7

76 35.4 28.1 42.1



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: 29.542 ug/l

RT: 5.36 min Scan# 567

Delta R.T. 0.00 min

Lab File: CC.D

Acq: 03 Jan 2020 13:03

Instrument :

MSVOA_W

ClientSampled :

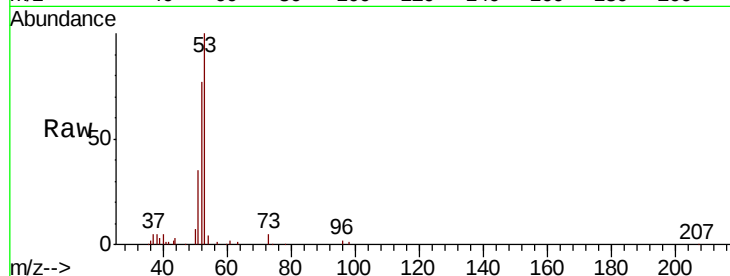
Tot Ion: 53 Resp: 52322

Ion Ratio Lower Upper

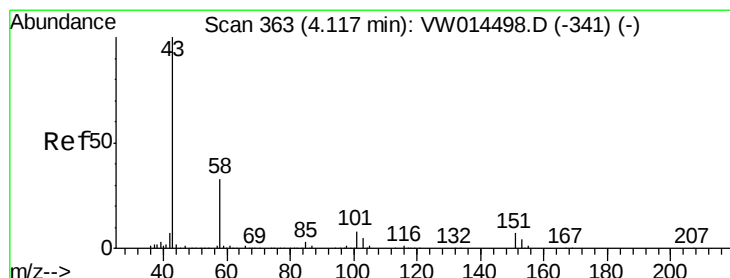
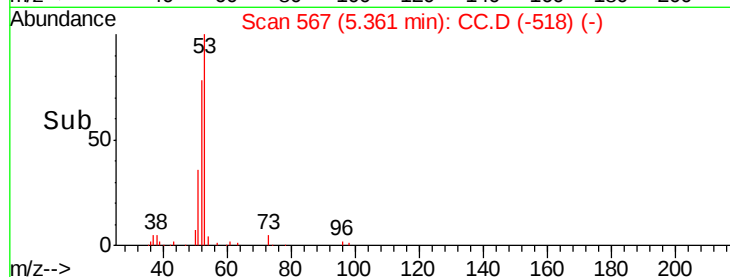
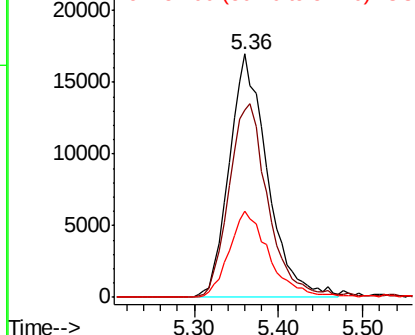
53 100

52 81.0 66.5 99.7

51 37.2 28.4 42.6



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: 44.343 ug/l

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: CC.D

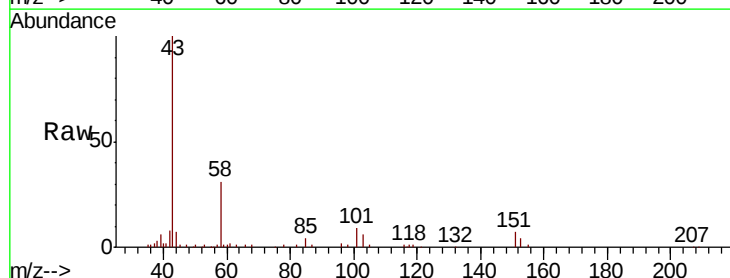
Acq: 03 Jan 2020 13:03

Tgt Ion: 43 Resp: 72113

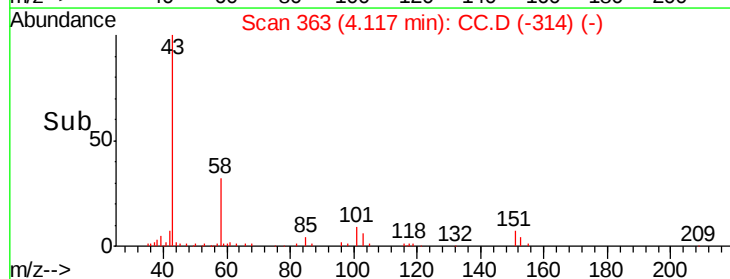
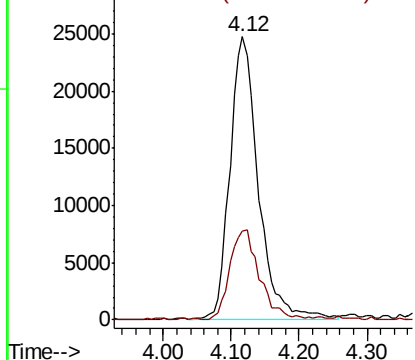
Ion Ratio Lower Upper

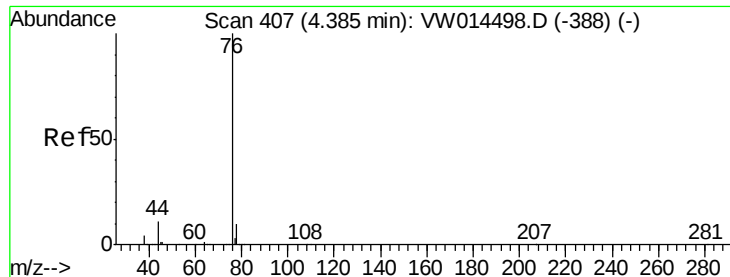
43 100

58 31.3 26.6 39.8



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

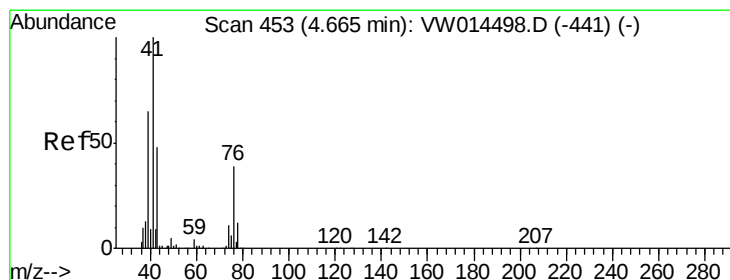
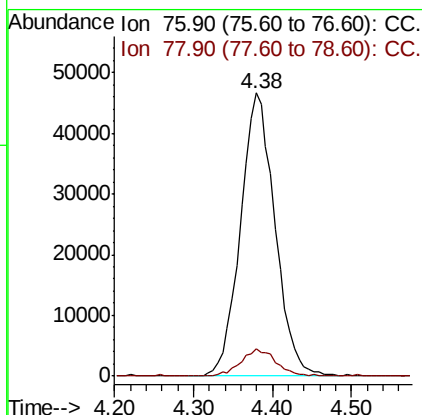
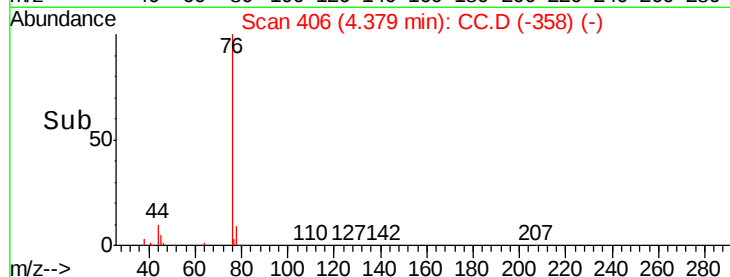
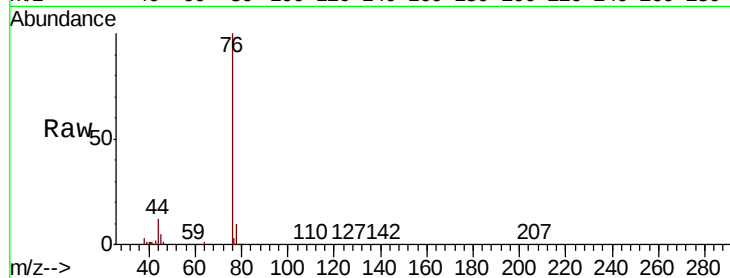




#17
Carbon Disulfide
Concen: 5.727 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.01 min
Lab File: CC.D
Acq: 03 Jan 2020 13:03

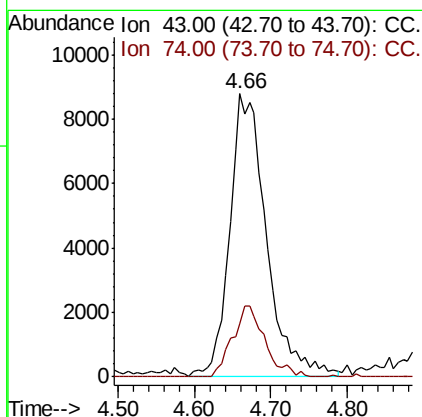
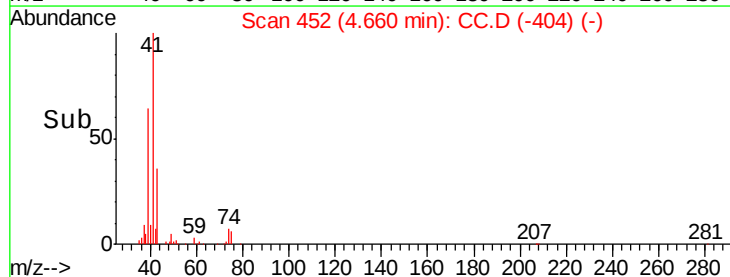
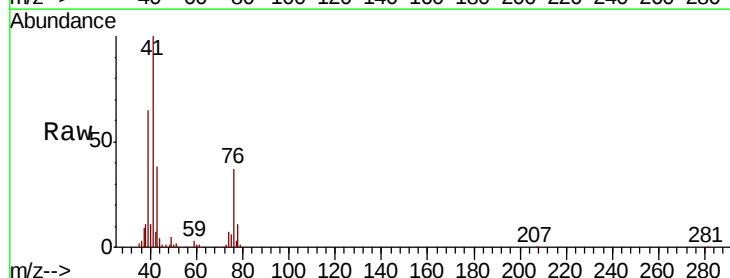
Instrument :
MSVOA_W
ClientSampleId :

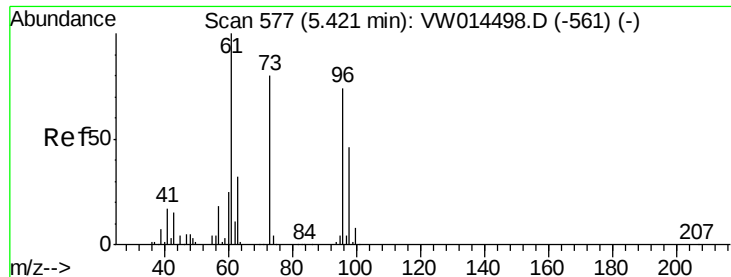
Tot Ion: 76 Resp: 141675
Ion Ratio Lower Upper
76 100
78 9.4 7.8 11.6



#18
Methyl Acetate
Concen: 6.576 ug/l
RT: 4.66 min Scan# 452
Delta R.T. -0.01 min
Lab File: CC.D
Acq: 03 Jan 2020 13:03

Tgt Ion: 43 Resp: 29253
Ion Ratio Lower Upper
43 100
74 22.0 19.3 28.9

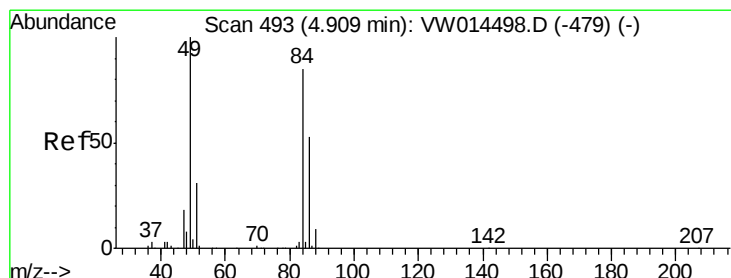
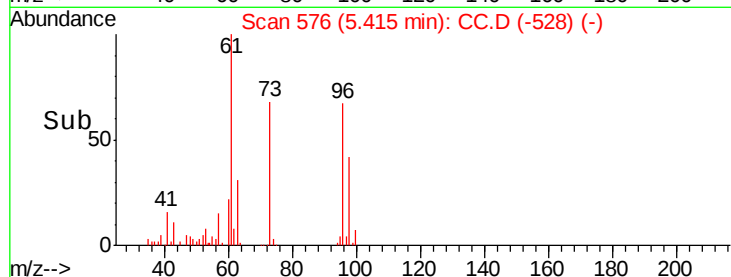
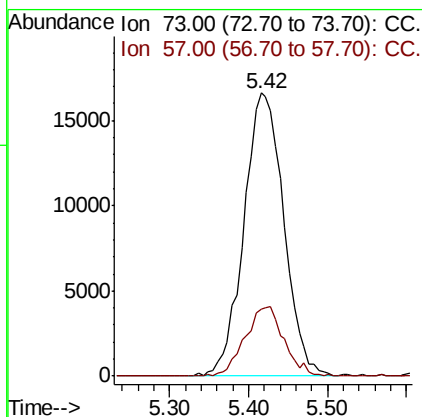
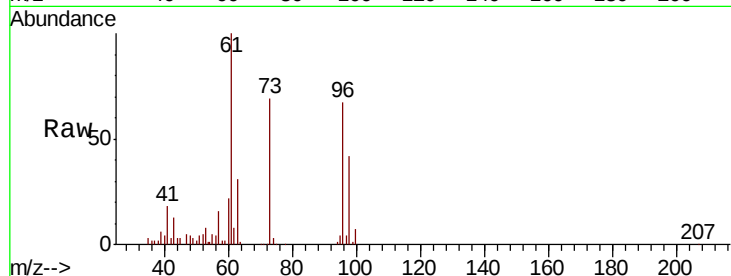




#19
Methvl tert-butvl Ether
Concen: 5.608 ug/l
RT: 5.42 min Scan# 576
Delta R.T. -0.01 min
Lab File: CC.D
Acq: 03 Jan 2020 13:03

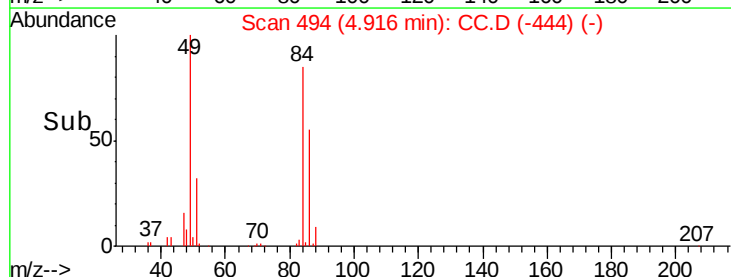
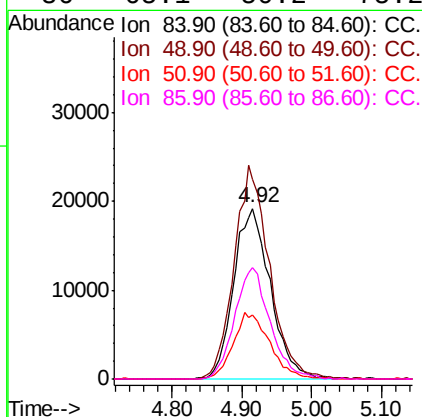
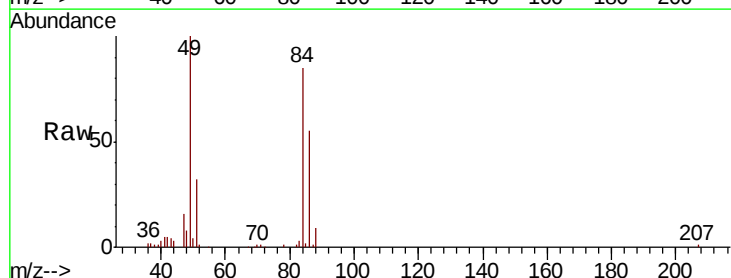
Instrument :
MSVOA_W
ClientSampled :

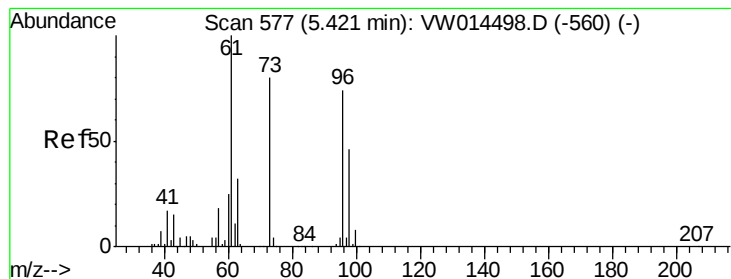
Tot Ion: 73 Resp: 58375
Ion Ratio Lower Upper
73 100
57 23.5 18.1 27.1



#20
Methylene Chloride
Concen: 7.290 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: CC.D
Acq: 03 Jan 2020 13:03

Tgt Ion: 84 Resp: 69870
Ion Ratio Lower Upper
84 100
49 117.3 94.4 141.6
51 37.3 29.5 44.3
86 65.1 50.2 75.2





#21

trans-1,2-Dichloroethene

Concen: 5.550 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: CC.D

Acq: 03 Jan 2020 13:03

Instrument :

MSVOA_W

ClientSampleId :

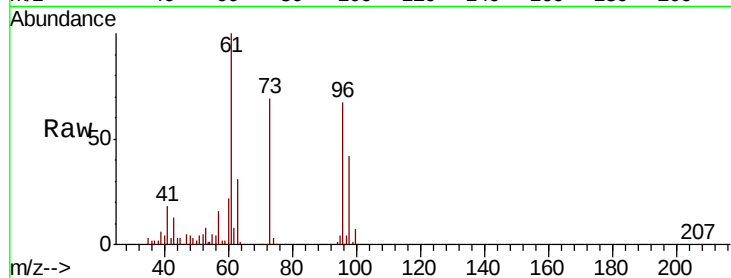
Tot Ion: 96 Resp: 50890

Ion Ratio Lower Upper

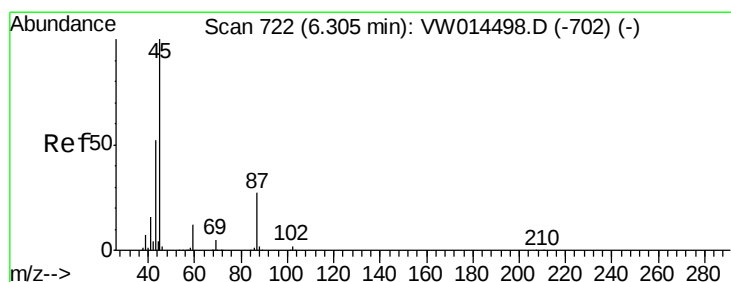
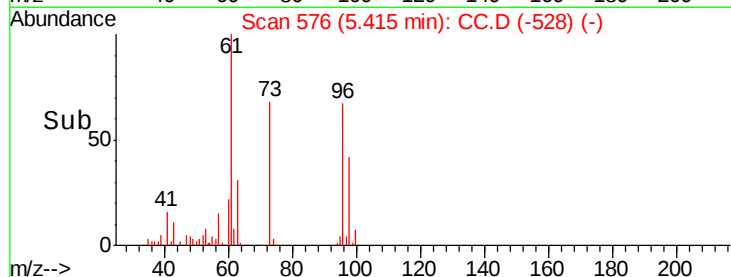
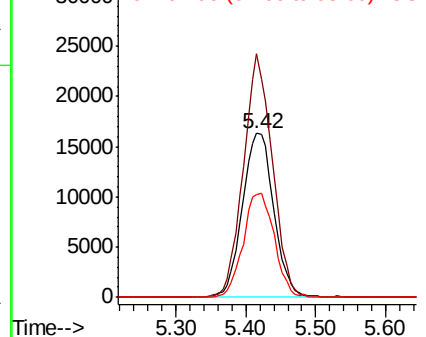
96 100

61 148.5 107.8 161.6

98 62.3 49.4 74.0



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: 5.528 ug/l

RT: 6.31 min Scan# 722

Delta R.T. 0.00 min

Lab File: CC.D

Acq: 03 Jan 2020 13:03

Tgt Ion: 45 Resp: 133100

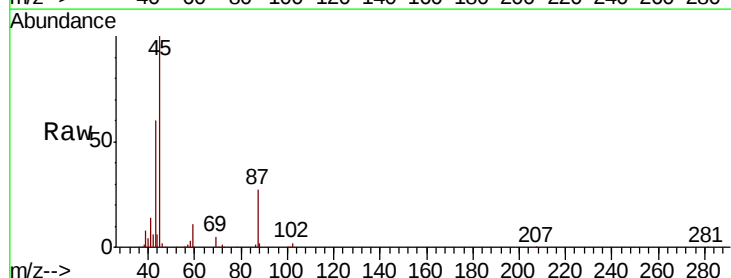
Ion Ratio Lower Upper

45 100

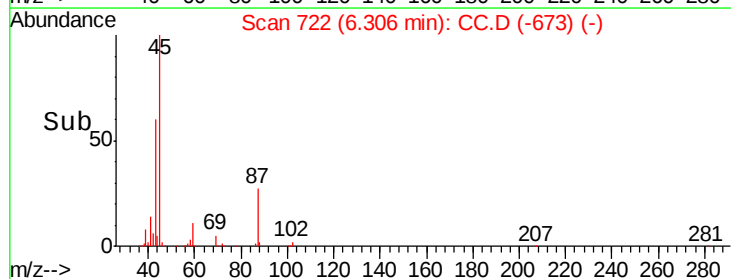
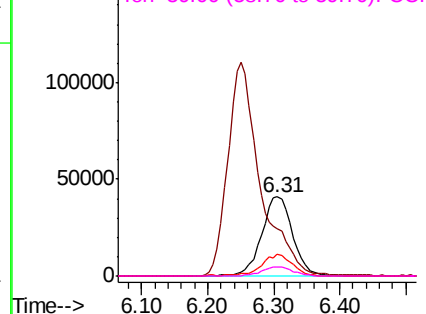
43 59.7 41.4 62.0

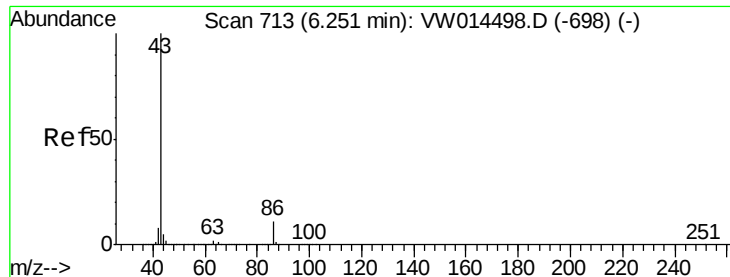
87 27.2 22.2 33.2

59 10.8 9.5 14.3



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.

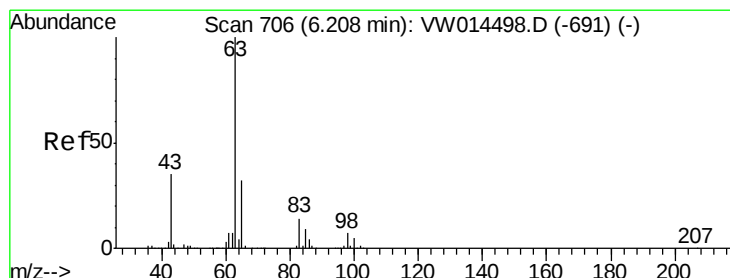
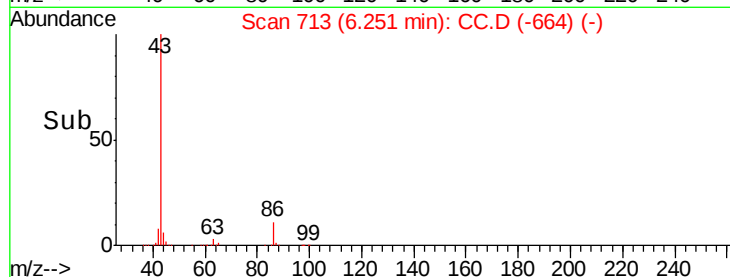
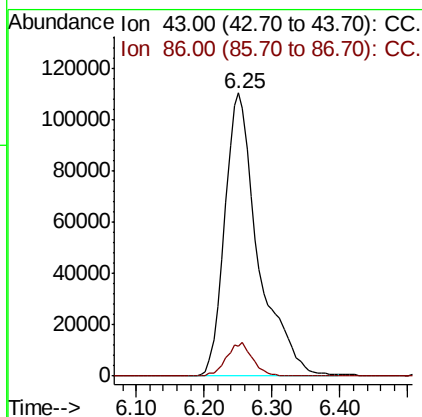
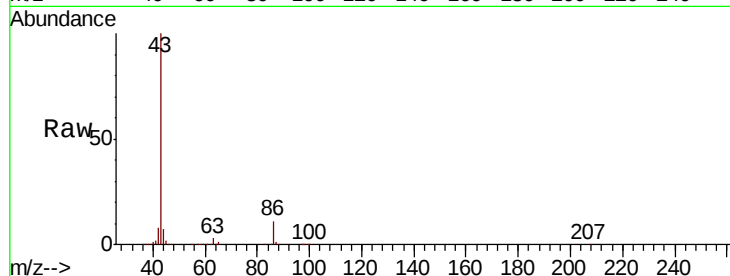




#23
 Vinyl Acetate
 Concen: 26.456 ug/l
 RT: 6.25 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: CC.D
 Acq: 03 Jan 2020 13:03

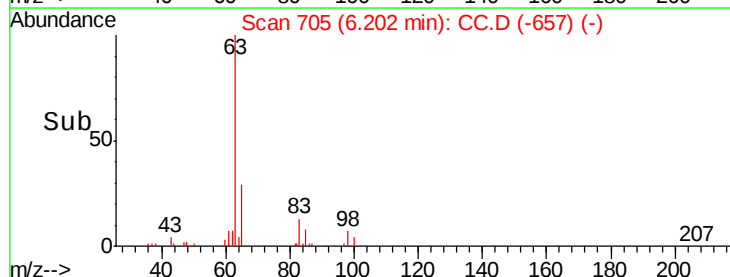
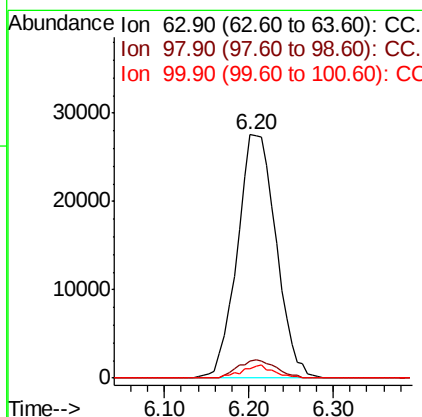
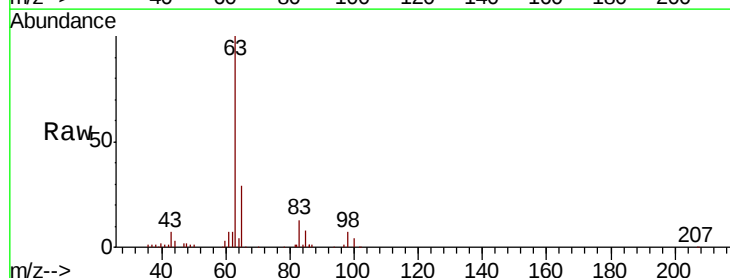
Instrument :
 MSVOA_W
 ClientSampled :

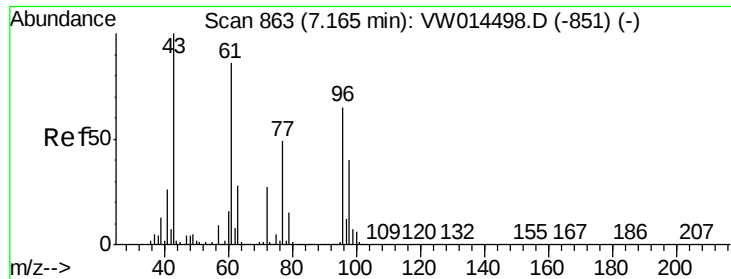
Tot Ion: 43 Resp: 376850
 Ion Ratio Lower Upper
 43 100
 86 10.7 8.8 13.2



#24
 1,1-Dichloroethane
 Concen: 5.652 ug/l
 RT: 6.20 min Scan# 705
 Delta R.T. -0.01 min
 Lab File: CC.D
 Acq: 03 Jan 2020 13:03

Tgt Ion: 63 Resp: 85956
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.5 10.4
 100 4.0 2.5 7.4

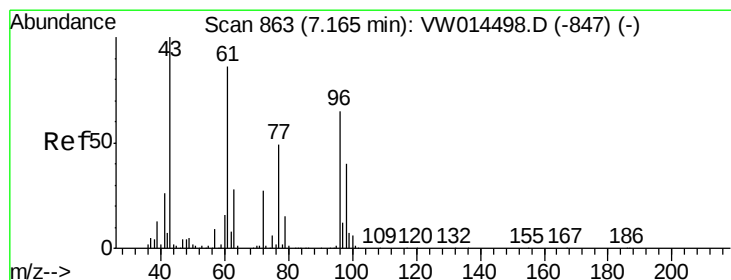
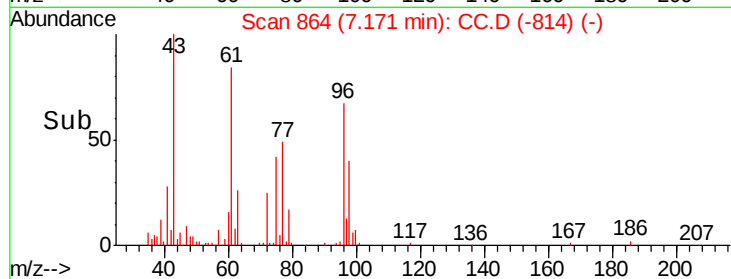
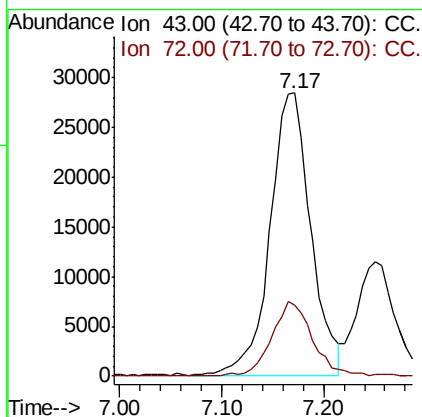
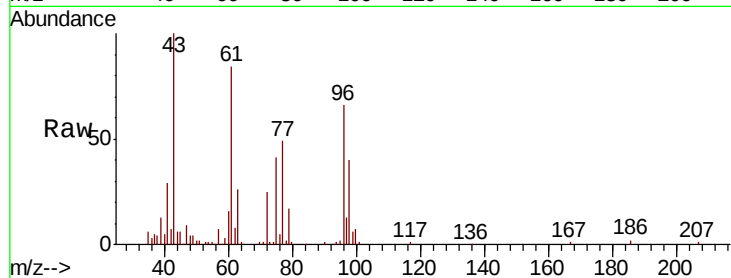




#25
2-Butanone
Concen: 33.519 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.01 min
Lab File: CC.D
Acq: 03 Jan 2020 13:03

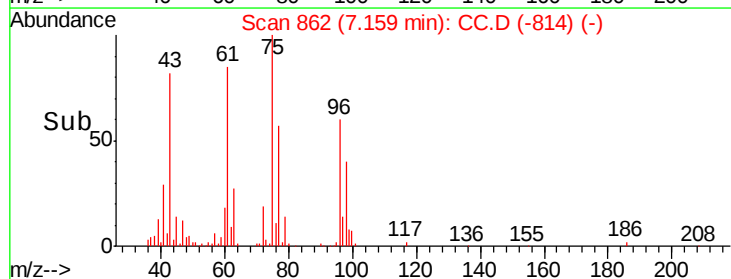
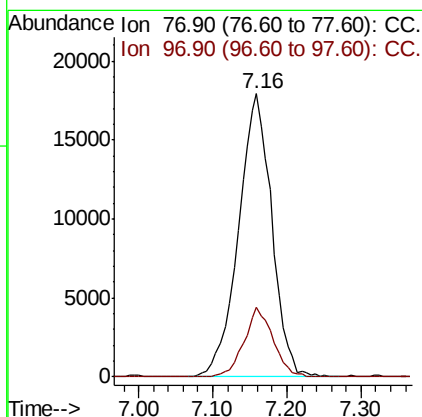
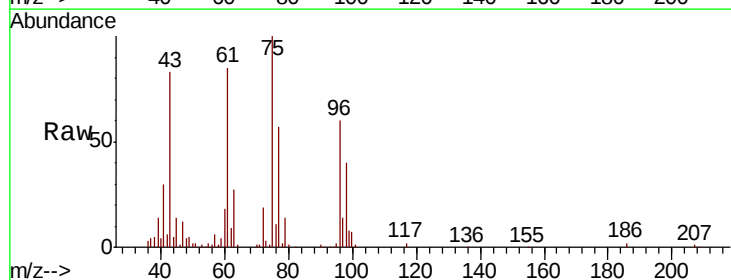
Instrument :
MSVOA_W
ClientSampled :

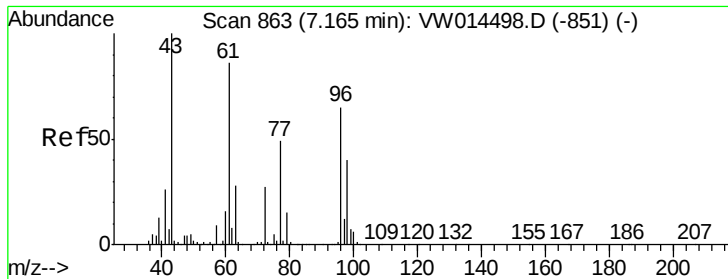
Tot Ion: 43 Resp: 78105
Ion Ratio Lower Upper
43 100
72 25.0 21.9 32.9



#26
2,2-Dichloropropane
Concen: 6.438 ug/l
RT: 7.16 min Scan# 862
Delta R.T. -0.01 min
Lab File: CC.D
Acq: 03 Jan 2020 13:03

Tgt Ion: 77 Resp: 56151
Ion Ratio Lower Upper
77 100
97 21.3 12.5 37.5



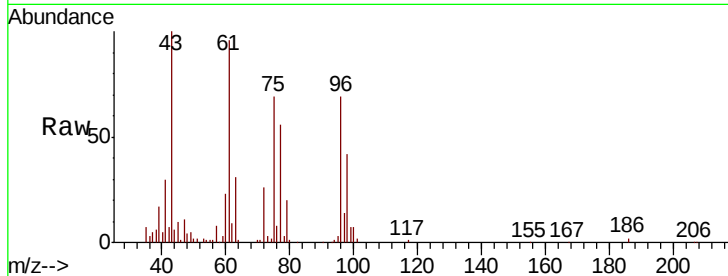


#27

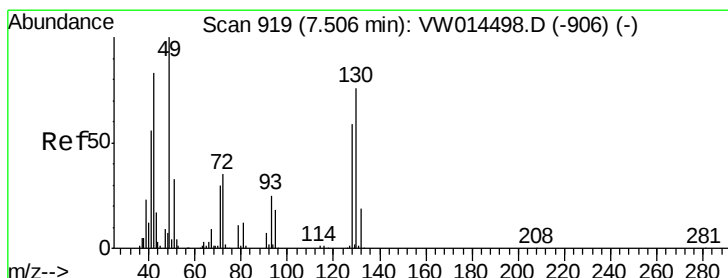
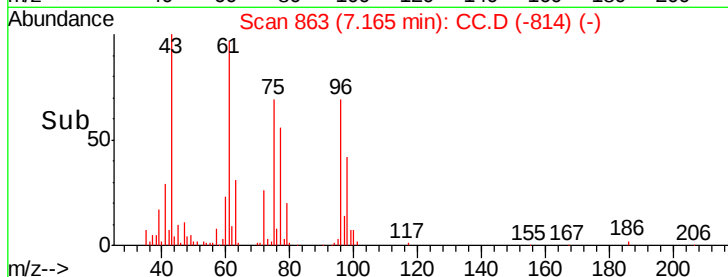
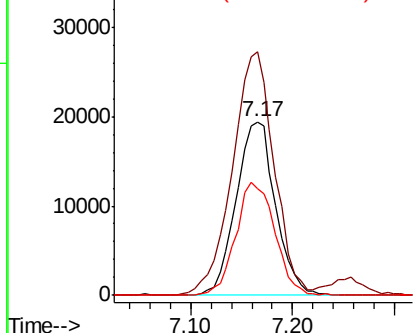
cis-1,2-Dichloroethene
Concen: 5.367 ug/l
RT: 7.17 min Scan# 863
Delta R.T. 0.00 min
Lab File: CC.D
Acq: 03 Jan 2020 13:03

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion	96	Resp	52183
Ion Ratio	Lower	Upper	
96	100		
61	148.5	0.0	274.8
98	64.4	0.0	128.6



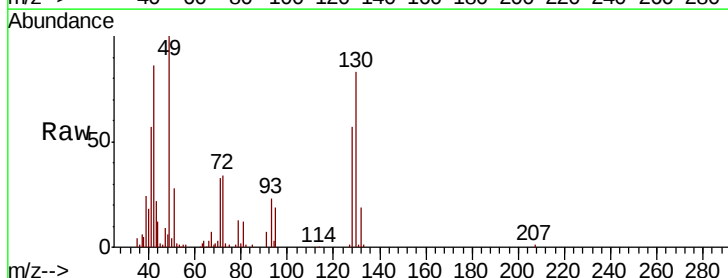
Abundance Ion 95.90 (95.60 to 96.60): CC.
Ion 60.90 (60.60 to 61.60): CC.
Ion 97.90 (97.60 to 98.60): CC.



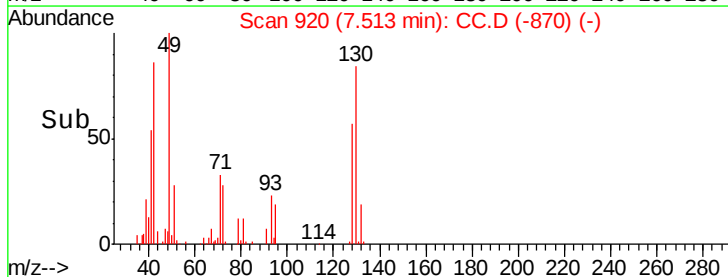
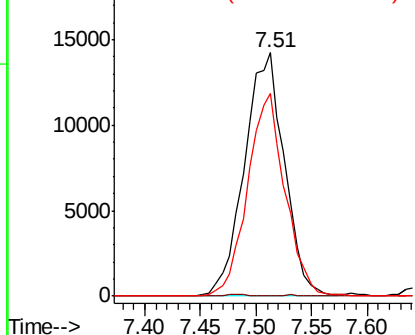
#28

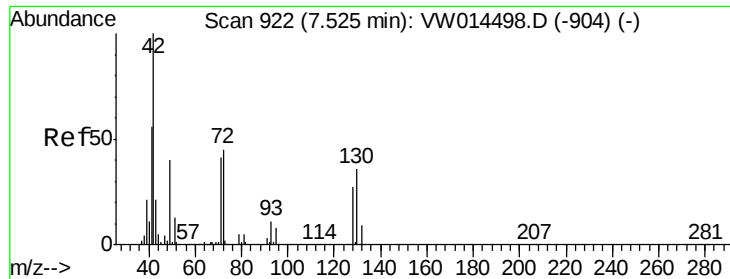
Bromochloromethane
Concen: 6.954 ug/l
RT: 7.51 min Scan# 920
Delta R.T. 0.01 min
Lab File: CC.D
Acq: 03 Jan 2020 13:03

Tgt Ion	49	Resp	35474
Ion Ratio	Lower	Upper	
49	100		
129	0.1	0.0	2.0
130	78.1	62.5	93.7



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

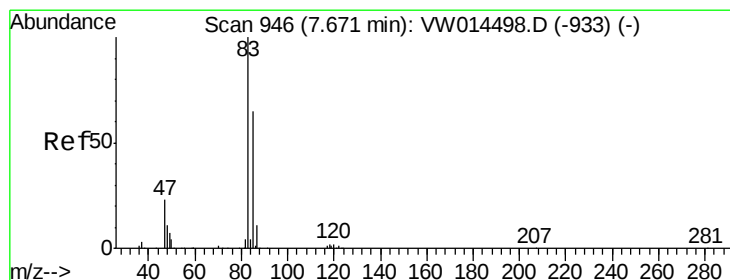
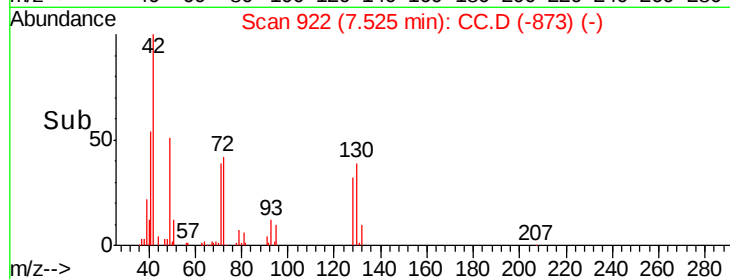
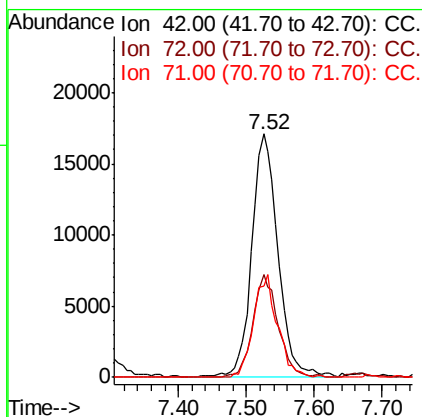
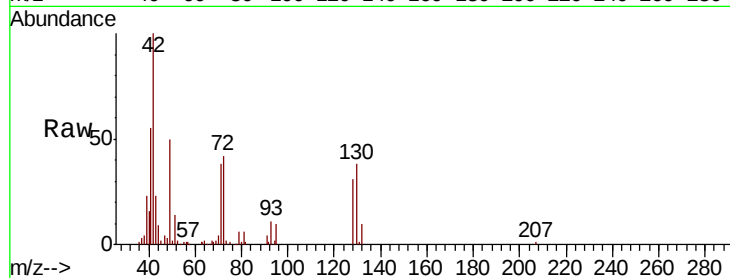




#29
Tetrahydrofuran
Concen: 32.056 ug/l
RT: 7.52 min Scan# 922
Delta R.T. 0.00 min
Lab File: CC.D
Acq: 03 Jan 2020 13:03

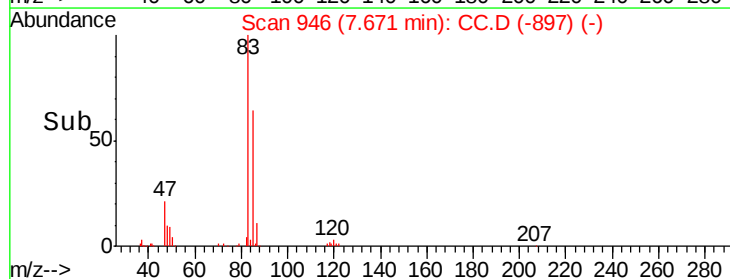
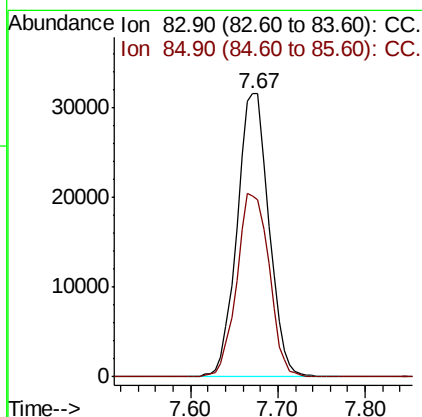
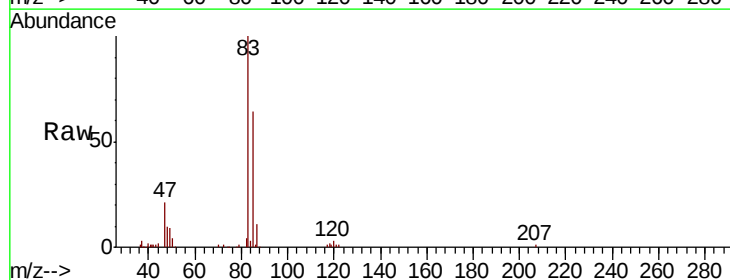
Instrument :
MSVOA_W
ClientSampled :

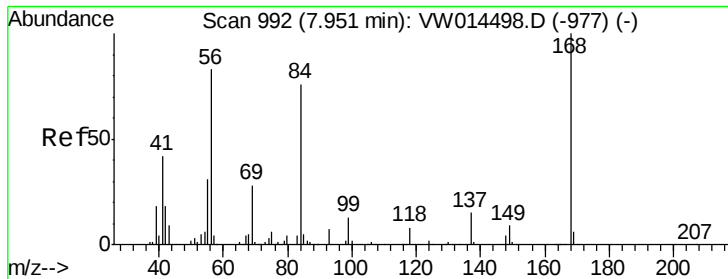
Tot Ion	Ratio	Lower	Upper
42	100		
72	40.2	34.5	51.7
71	38.2	32.0	48.0



#30
Chloroform
Concen: 5.340 ug/l
RT: 7.67 min Scan# 946
Delta R.T. 0.00 min
Lab File: CC.D
Acq: 03 Jan 2020 13:03

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.9	52.2	78.2

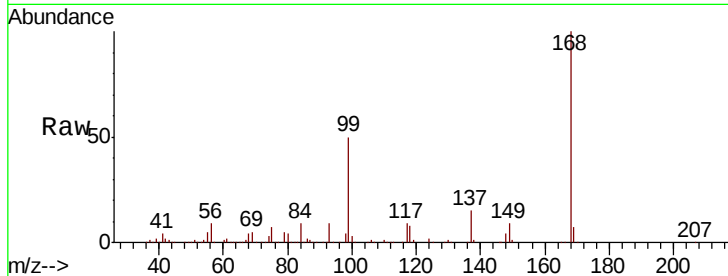




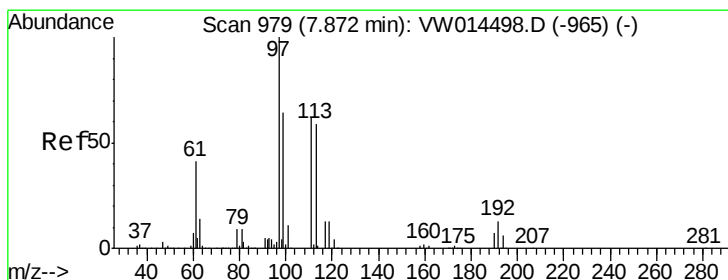
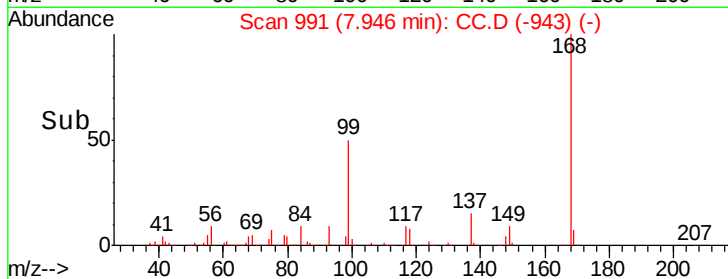
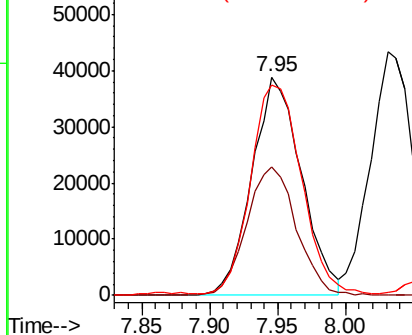
#31
Cyclohexane
Concen: 6.217 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: CC.D
Acq: 03 Jan 2020 13:03

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 56 Resp: 98862
Ion Ratio Lower Upper
56 100
69 58.9 26.8 40.2#
84 95.3 71.8 107.6

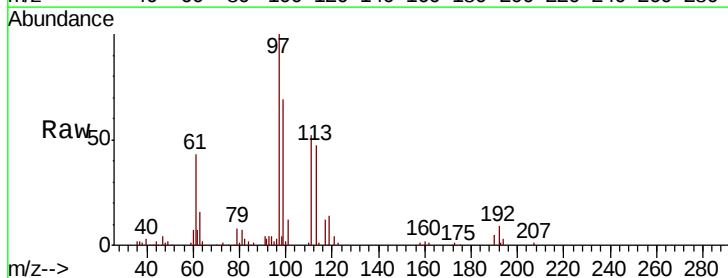


Abundance Ion 56.00 (55.70 to 56.70): CC.
Ion 69.00 (68.70 to 69.70): CC.
Ion 84.00 (83.70 to 84.70): CC.

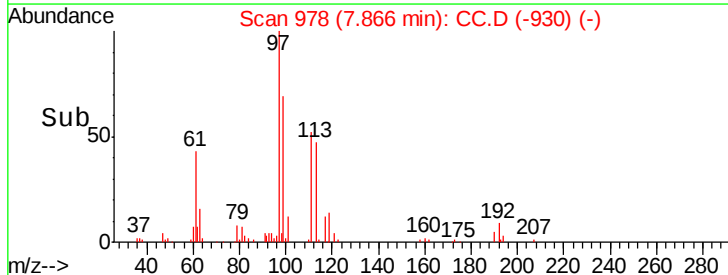
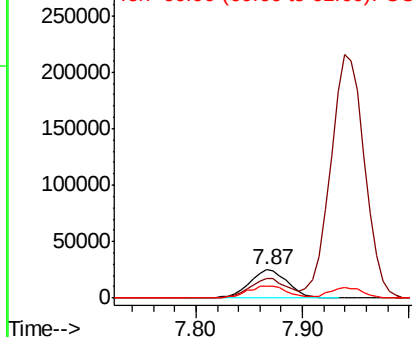


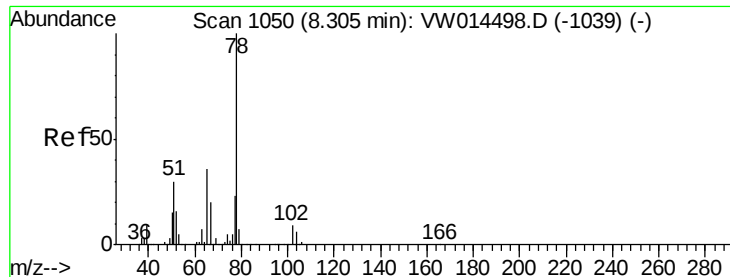
#32
1,1,1-Trichloroethane
Concen: 5.385 ug/l
RT: 7.87 min Scan# 978
Delta R.T. -0.01 min
Lab File: CC.D
Acq: 03 Jan 2020 13:03

Tgt Ion: 97 Resp: 63344
Ion Ratio Lower Upper
97 100
99 66.9 51.8 77.6
61 45.2 33.8 50.8



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: 5.981 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: CC.D

Acq: 03 Jan 2020 13:03

Instrument :

MSVOA_W

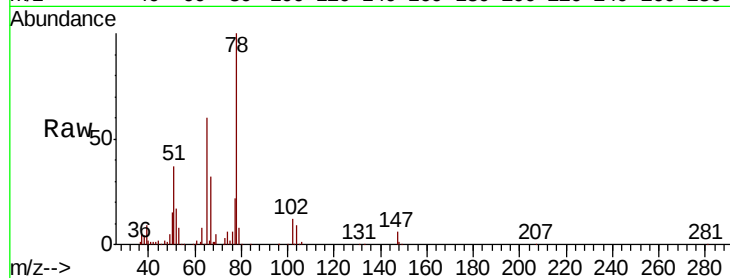
ClientSampleId :

Tot Ion: 65 Resp: 42911

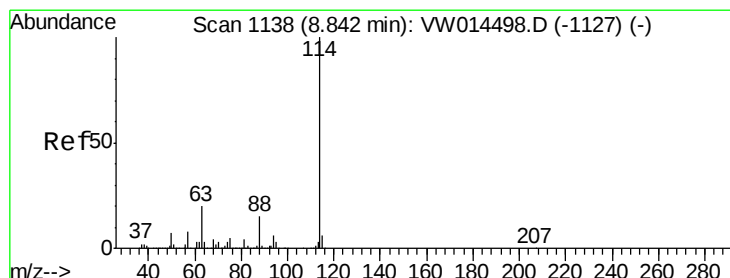
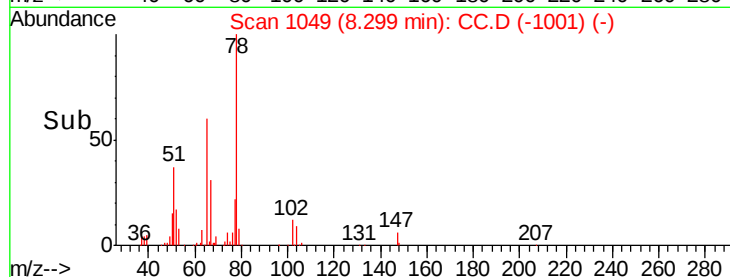
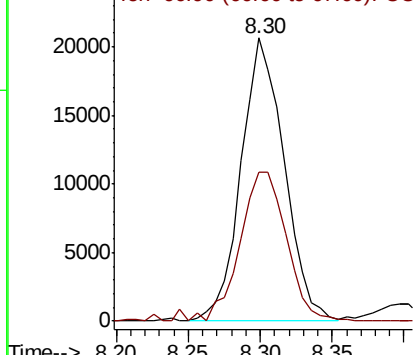
Ion Ratio Lower Upper

65 100

67 56.6 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): CC.
Ion 66.90 (66.60 to 67.60): CC.



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: CC.D

Acq: 03 Jan 2020 13:03

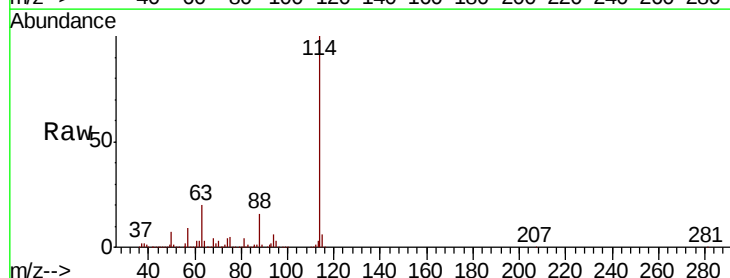
Tgt Ion: 114 Resp: 1412234

Ion Ratio Lower Upper

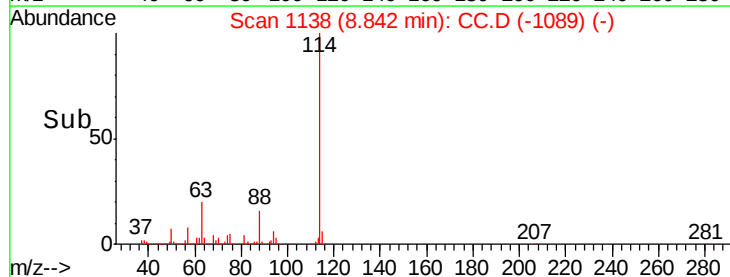
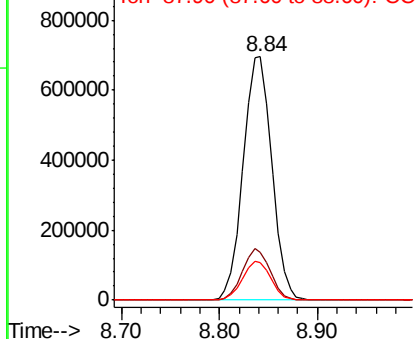
114 100

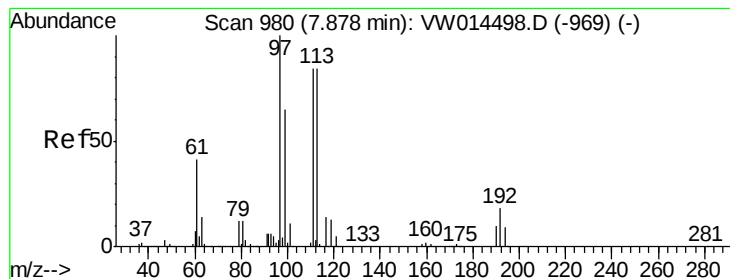
63 19.6 0.0 40.4

88 15.6 0.0 30.6



Abundance Ion 113.90 (113.60 to 114.60): C
Ion 63.00 (62.70 to 63.70): CC.
Ion 87.90 (87.60 to 88.60): CC.





#35

Dibromofluoromethane

Concen: 5.436 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.01 min

Lab File: CC.D

Acq: 03 Jan 2020 13:03

Instrument :
MSVOA_W
ClientSampleId :

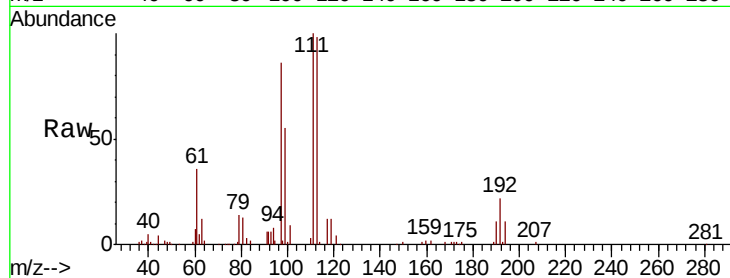
Tot Ion:113 Resp: 42415

Ion Ratio Lower Upper

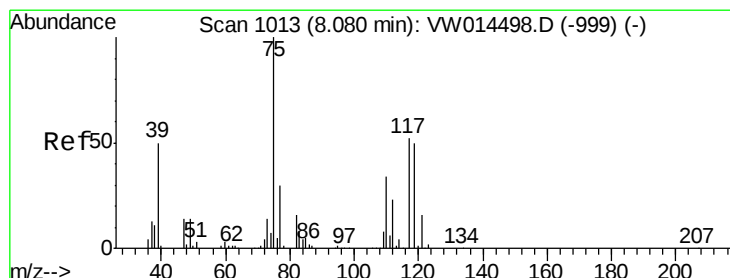
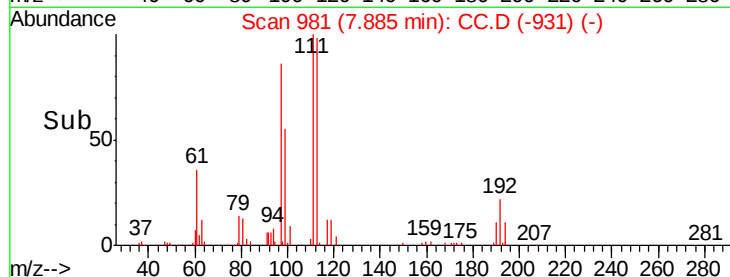
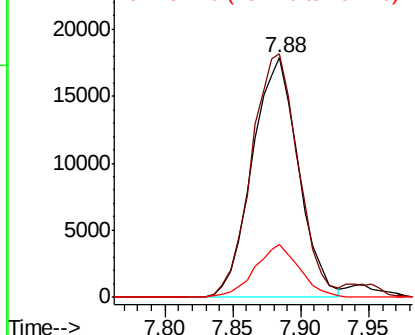
113 100

111 102.9 81.4 122.2

192 21.5 17.8 26.8



Abundance Ion 112.80 (112.50 to 113.50): C
Ion 110.80 (110.50 to 111.50): C
Ion 191.70 (191.40 to 192.40): C



#36

1,1-Dichloropropene

Concen: 5.233 ug/l

RT: 8.08 min Scan# 1013

Delta R.T. 0.00 min

Lab File: CC.D

Acq: 03 Jan 2020 13:03

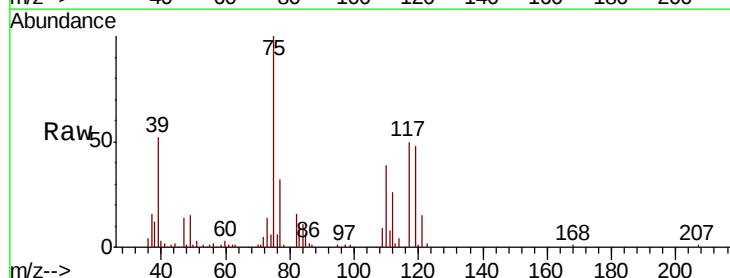
Tgt Ion: 75 Resp: 69307

Ion Ratio Lower Upper

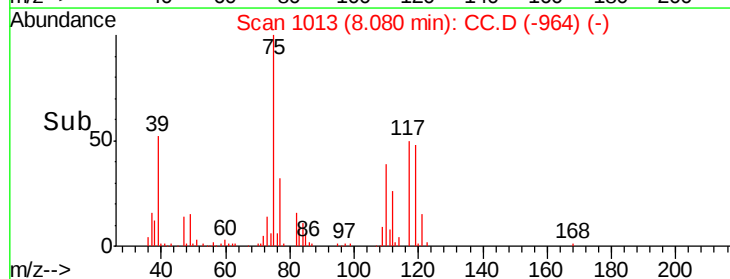
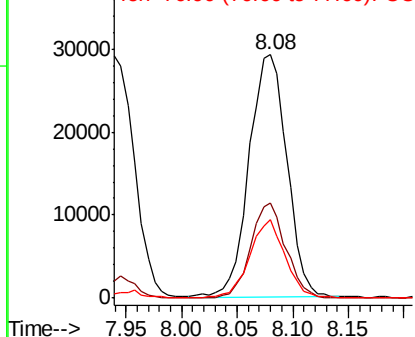
75 100

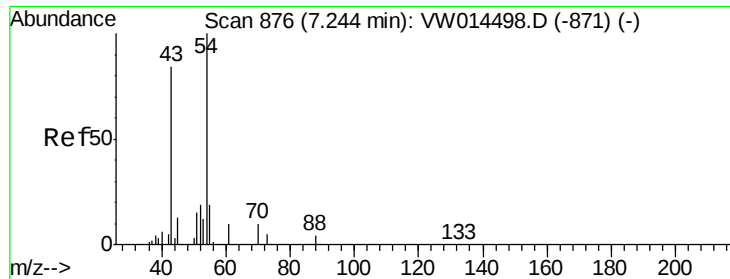
110 36.2 17.8 53.5

77 30.6 24.7 37.1



Abundance Ion 74.90 (74.60 to 75.60): CC.
Ion 109.90 (109.60 to 110.60): C
Ion 76.90 (76.60 to 77.60): CC.

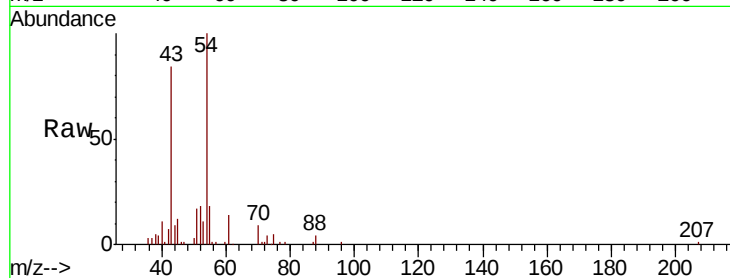




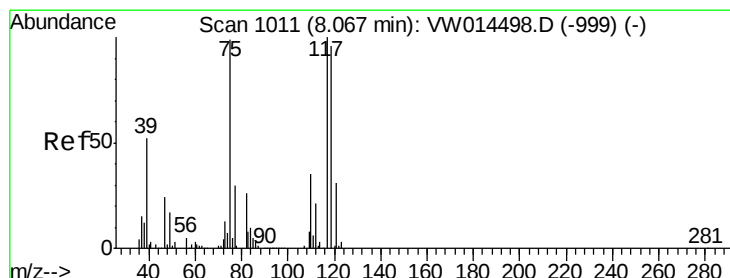
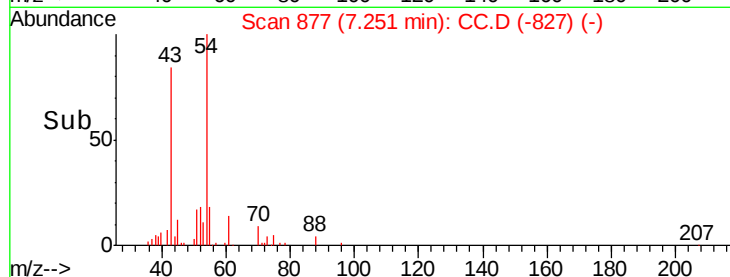
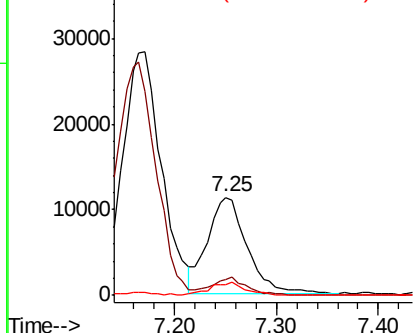
#37
Ethyl Acetate
Concen: 5.707 ug/l
RT: 7.25 min Scan# 877
Delta R.T. 0.01 min
Lab File: CC.D
Acq: 03 Jan 2020 13:03

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 43 Resp: 30642
Ion Ratio Lower Upper
43 100
61 16.5 11.7 17.5
70 12.3 9.0 13.6

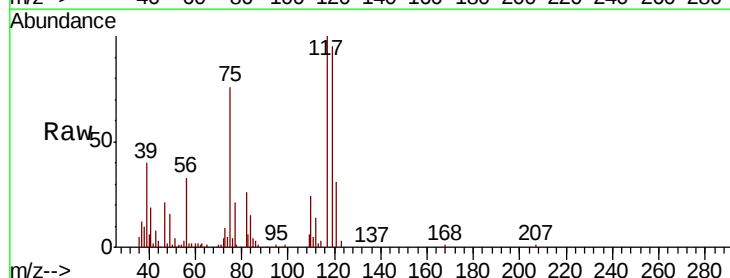


Abundance Ion 43.00 (42.70 to 43.70): CC.
Ion 60.90 (60.60 to 61.60): CC.
Ion 70.00 (69.70 to 70.70): CC.

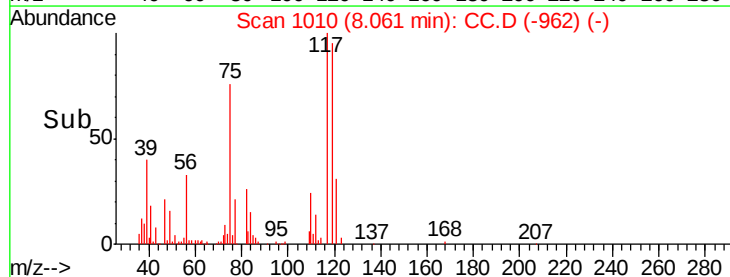
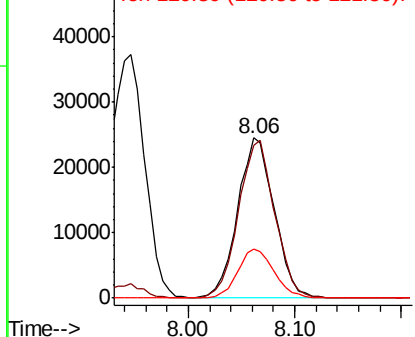


#38
Carbon Tetrachloride
Concen: 4.997 ug/l
RT: 8.06 min Scan# 1010
Delta R.T. -0.01 min
Lab File: CC.D
Acq: 03 Jan 2020 13:03

Tgt Ion: 117 Resp: 59230
Ion Ratio Lower Upper
117 100
119 95.4 77.0 115.6
121 30.9 24.6 36.8



Abundance Ion 116.80 (116.50 to 117.50): C
Ion 118.80 (118.50 to 119.50): C
Ion 120.80 (120.50 to 121.50): C

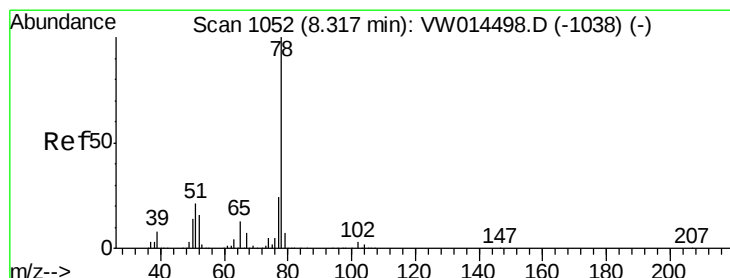
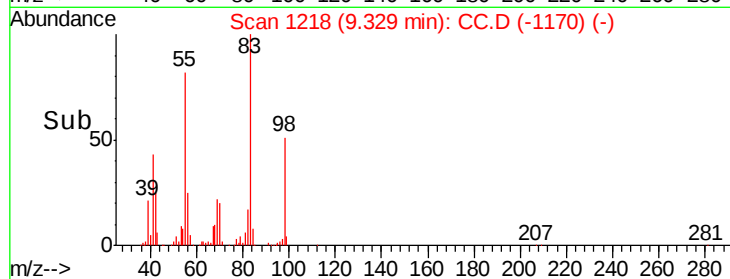
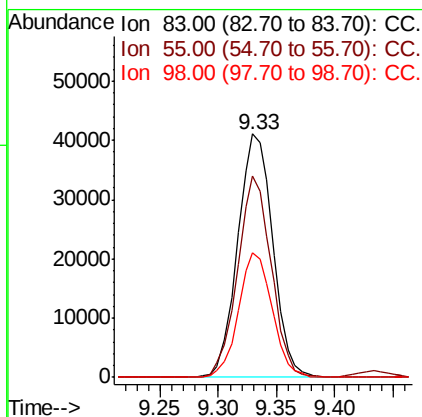
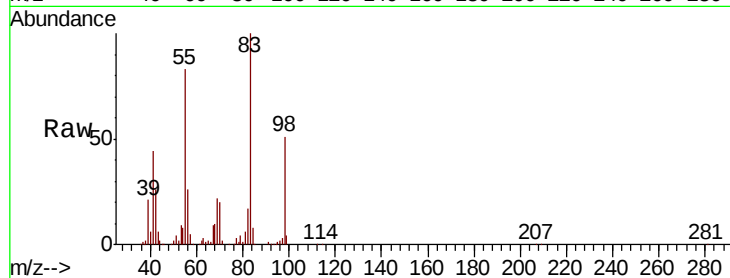




#39
Methvlcvclohexane
Concen: 5.076 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. -0.01 min
Lab File: CC.D
Acq: 03 Jan 2020 13:03

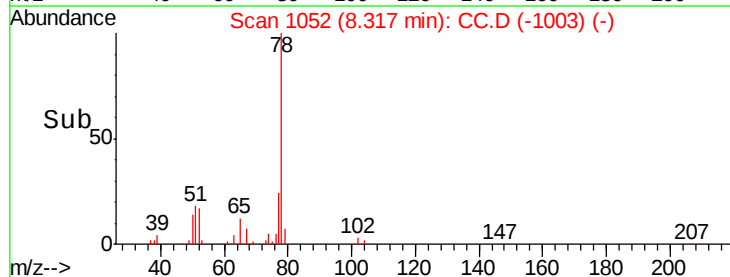
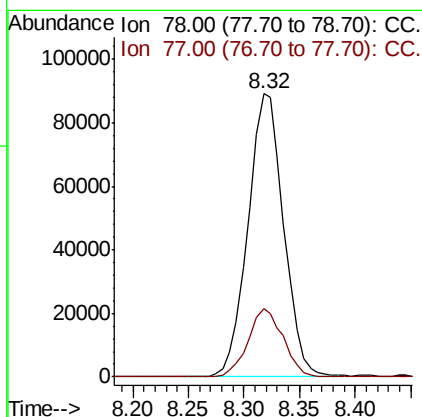
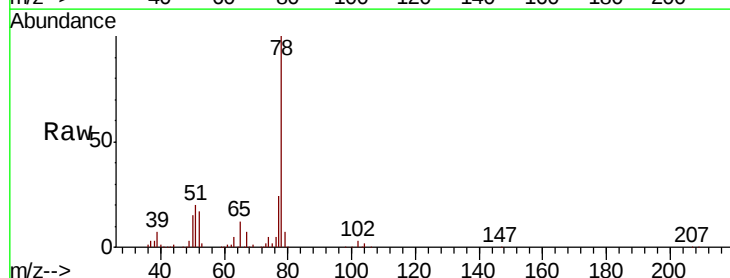
Instrument :
MSVOA_W
ClientSampled :

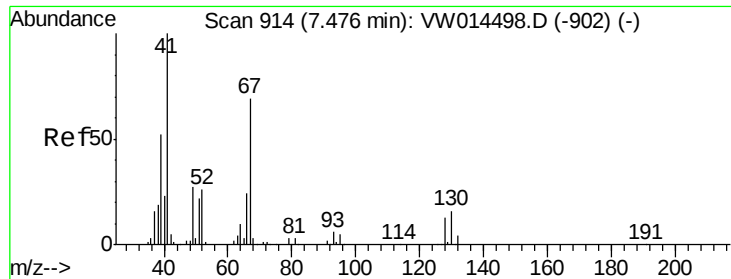
Tot Ion: 83 Resp: 86410
Ion Ratio Lower Upper
83 100
55 82.5 60.1 90.1
98 51.4 38.8 58.2



#40
Benzene
Concen: 5.290 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. 0.00 min
Lab File: CC.D
Acq: 03 Jan 2020 13:03

Tgt Ion: 78 Resp: 198006
Ion Ratio Lower Upper
78 100
77 24.0 19.3 28.9

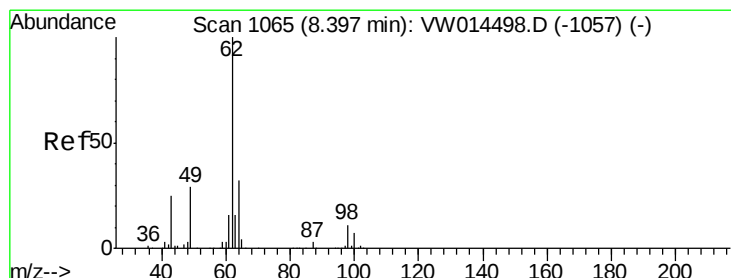
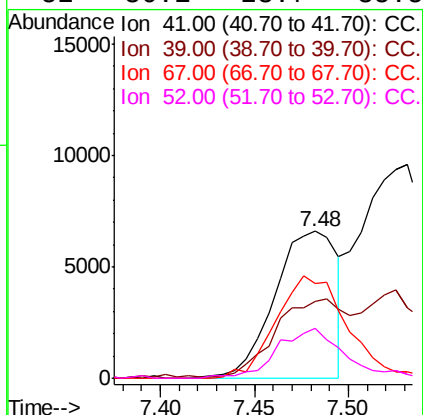
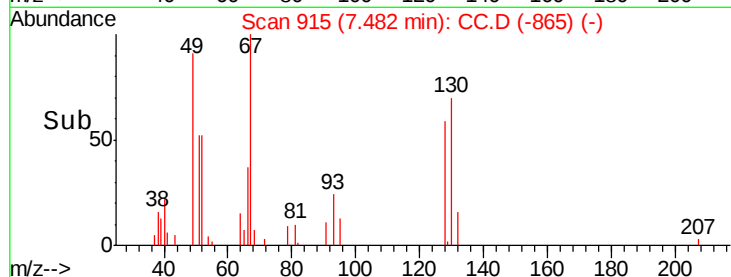
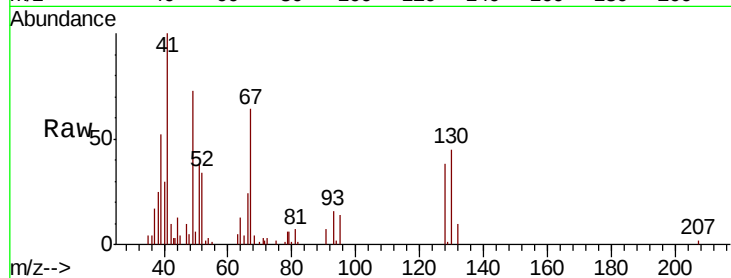




#41
Methacrylonitrile
Concen: 4.641 ug/l
RT: 7.48 min Scan# 915
Delta R.T. 0.01 min
Lab File: CC.D
Acq: 03 Jan 2020 13:03

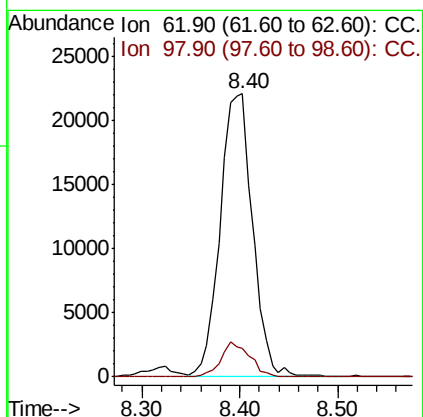
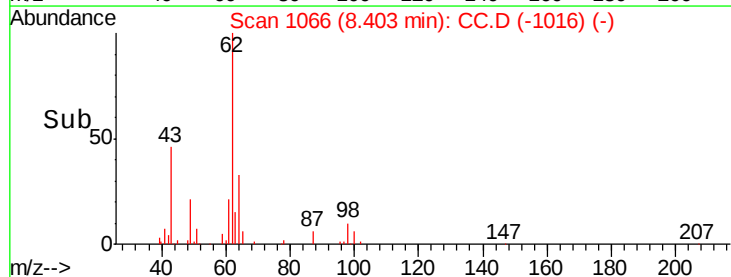
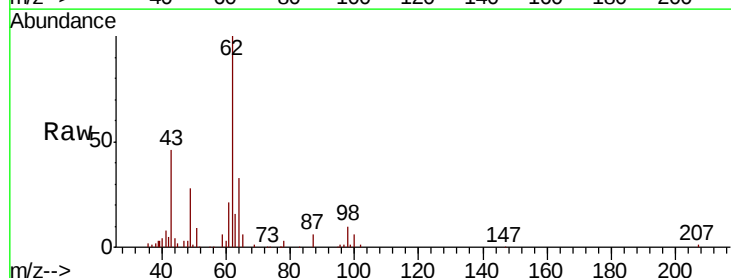
Instrument :
MSVOA_W
ClientSampled :

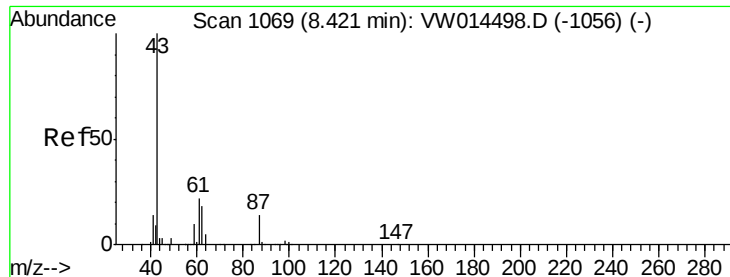
Tot Ion: 41 Resp: 15244
Ion Ratio Lower Upper
41 100
39 59.1 46.0 69.0
67 79.9 60.8 91.2
52 36.1 23.7 35.5#



#42
1,2-Dichloroethane
Concen: 5.348 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.01 min
Lab File: CC.D
Acq: 03 Jan 2020 13:03

Tgt Ion: 62 Resp: 50861
Ion Ratio Lower Upper
62 100
98 11.1 0.0 22.0





#43

Isopropyl Acetate

Concen: 5.383 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. 0.00 min

Lab File: CC.D

Acq: 03 Jan 2020 13:03

Instrument :

MSVOA_W

ClientSampleId :

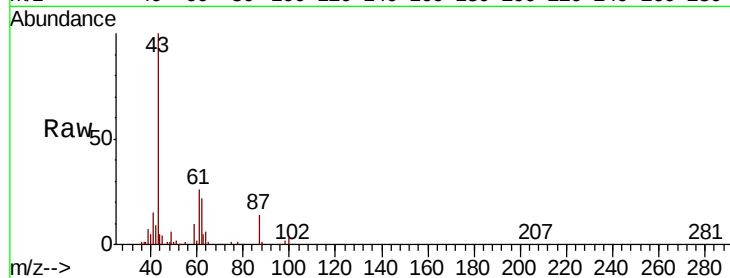
Tot Ion: 43 Resp: 54223

Ion Ratio Lower Upper

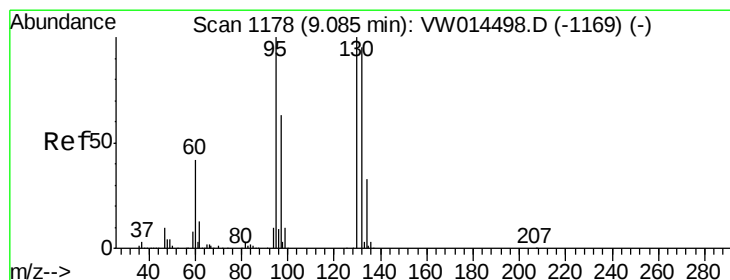
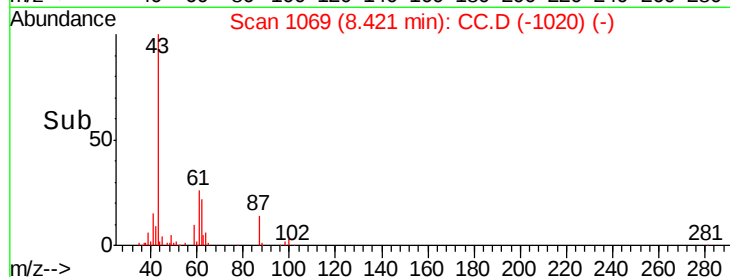
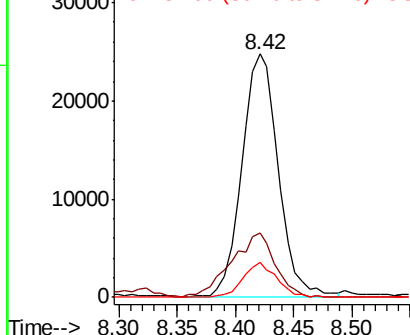
43 100

61 31.8 24.7 37.1

87 13.2 11.1 16.7



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: 5.042 ug/l

RT: 9.09 min Scan# 1178

Delta R.T. 0.00 min

Lab File: CC.D

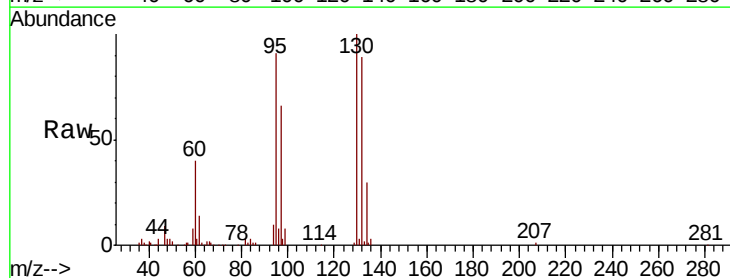
Acq: 03 Jan 2020 13:03

Tgt Ion: 130 Resp: 53415

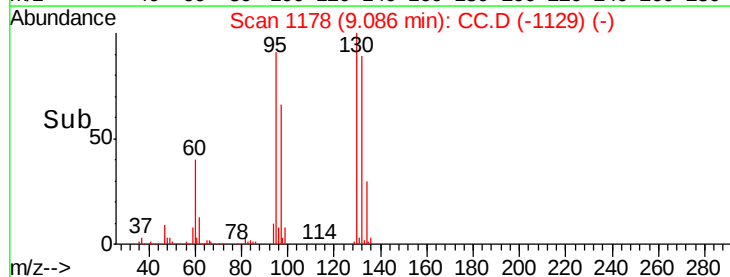
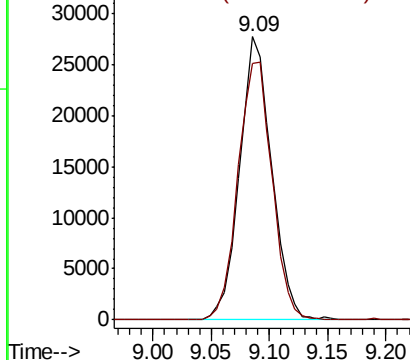
Ion Ratio Lower Upper

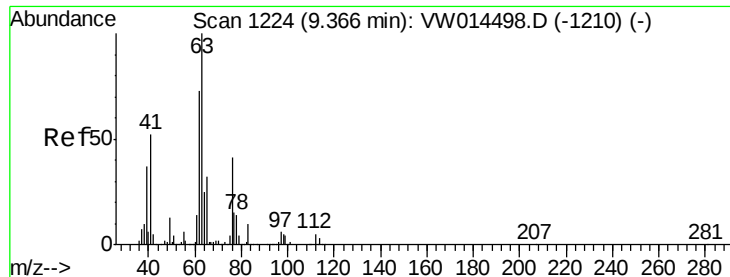
130 100

95 90.8 0.0 199.4



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

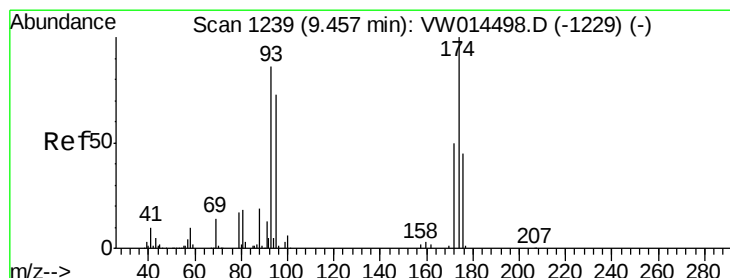
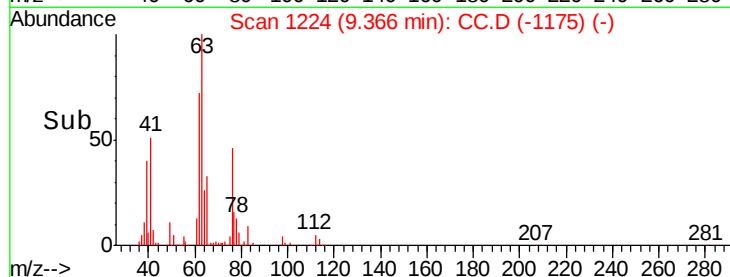
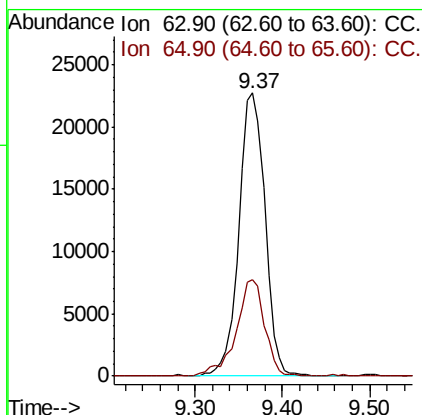
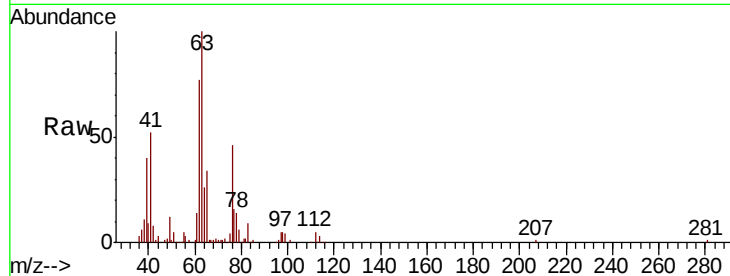




#45
 1,2-Dichloropropane
 Concen: 5.257 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: CC.D
 Acq: 03 Jan 2020 13:03

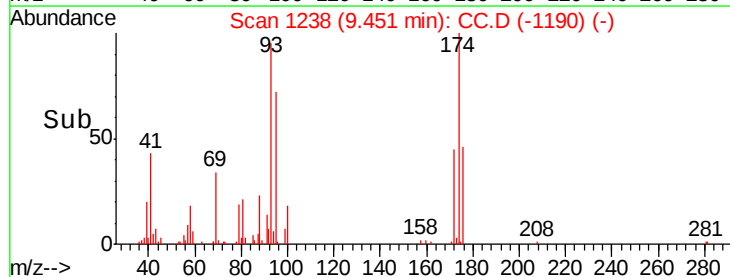
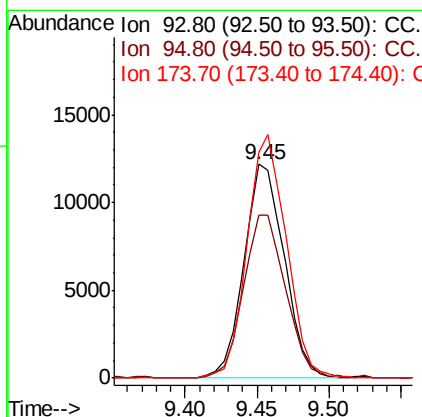
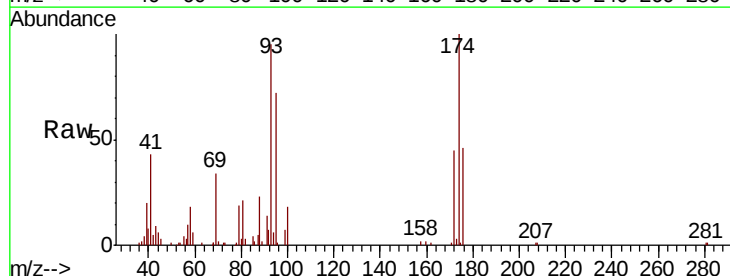
Instrument :
 MSVOA_W
 ClientSampled :

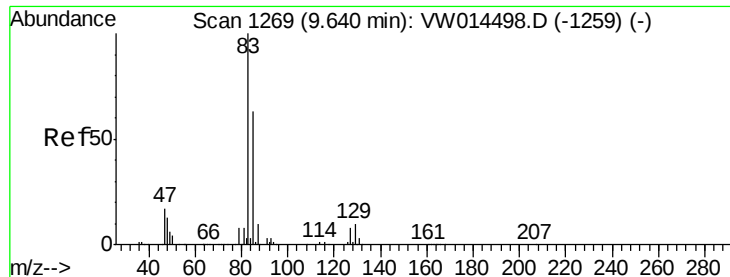
Tot Ion: 63 Resp: 47222
 Ion Ratio Lower Upper
 63 100
 65 34.3 25.6 38.4



#46
 Dibromomethane
 Concen: 5.362 ug/l
 RT: 9.45 min Scan# 1238
 Delta R.T. -0.01 min
 Lab File: CC.D
 Acq: 03 Jan 2020 13:03

Tgt Ion: 93 Resp: 23629
 Ion Ratio Lower Upper
 93 100
 95 79.6 66.4 99.6
 174 110.4 89.1 133.7





#47

Bromodichloromethane

Concen: 4.972 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. 0.00 min

Lab File: CC.D

Acq: 03 Jan 2020 13:03

Instrument :

MSVOA_W

ClientSampleId :

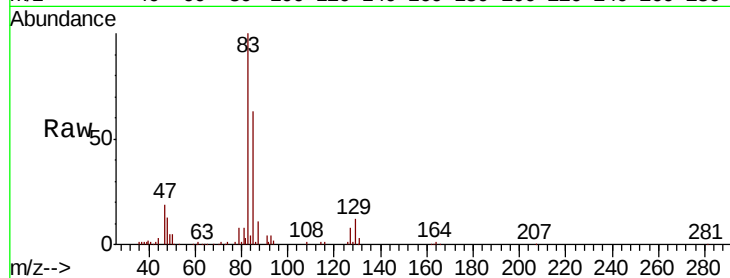
Tot Ion: 83 Resp: 55905

Ion Ratio Lower Upper

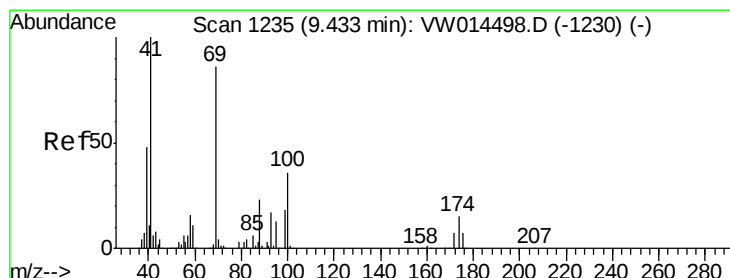
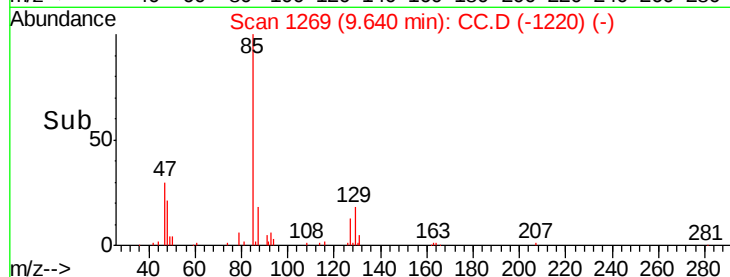
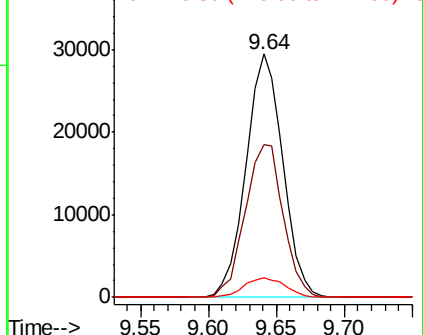
83 100

85 62.9 50.6 76.0

127 8.2 6.6 9.8



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



#48

Methyl methacrylate

Concen: 5.223 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. 0.00 min

Lab File: CC.D

Acq: 03 Jan 2020 13:03

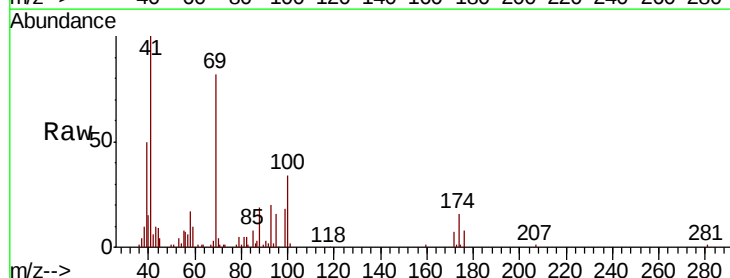
Tgt Ion: 41 Resp: 25978

Ion Ratio Lower Upper

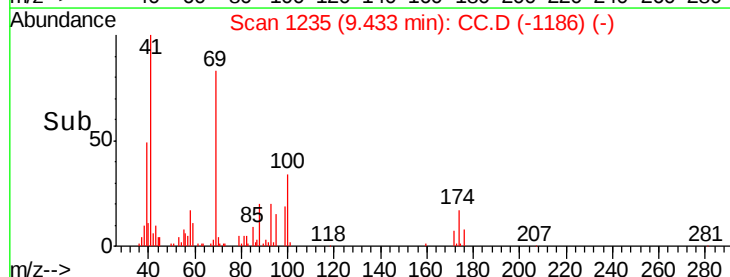
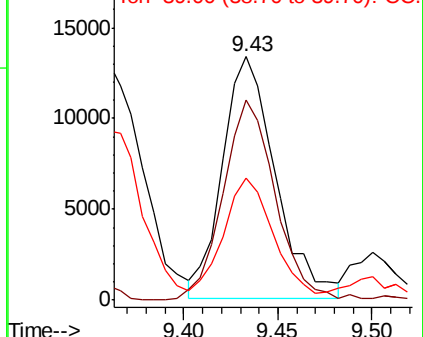
41 100

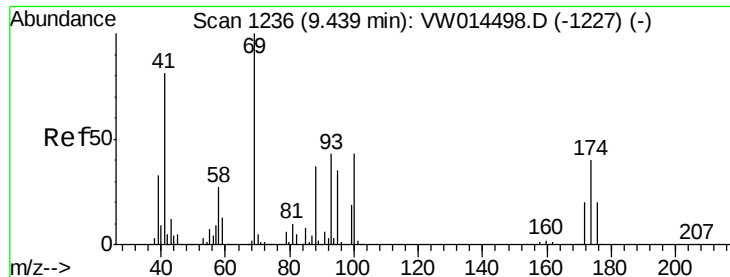
69 81.6 68.3 102.5

39 43.1 36.8 55.2



Abundance Ion 41.00 (40.70 to 41.70): CC.
Ion 69.00 (68.70 to 69.70): CC.
Ion 39.00 (38.70 to 39.70): CC.

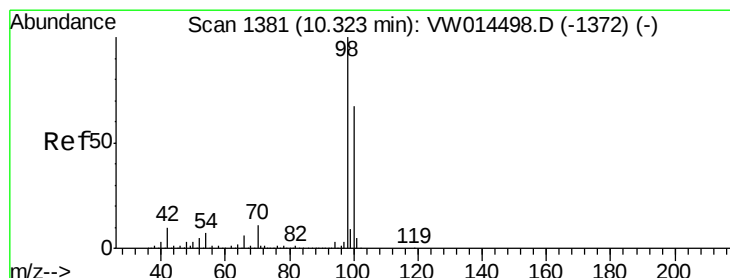
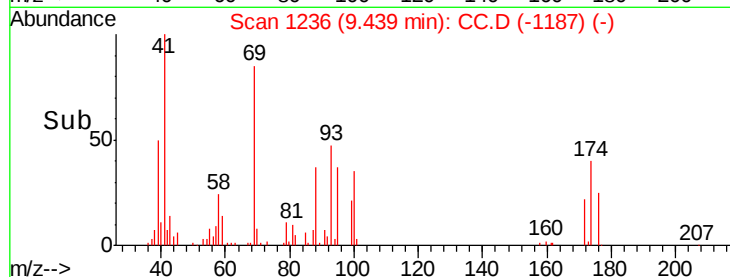
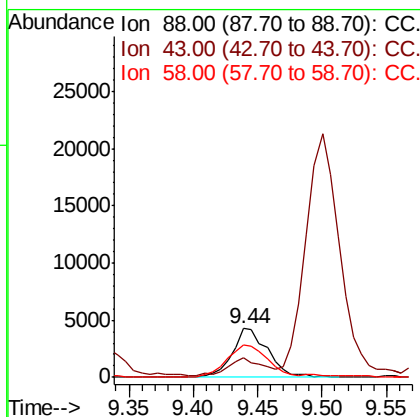
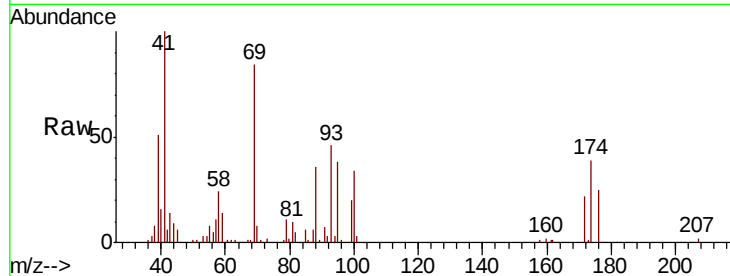




#49
1,4-Dioxane
Concen: 115.866 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. 0.00 min
Lab File: CC.D
Acq: 03 Jan 2020 13:03

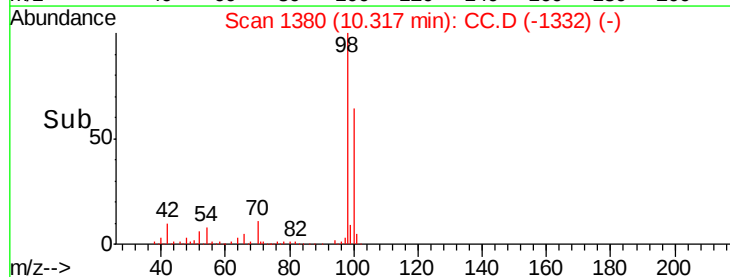
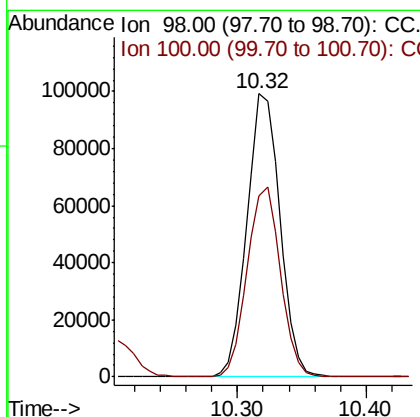
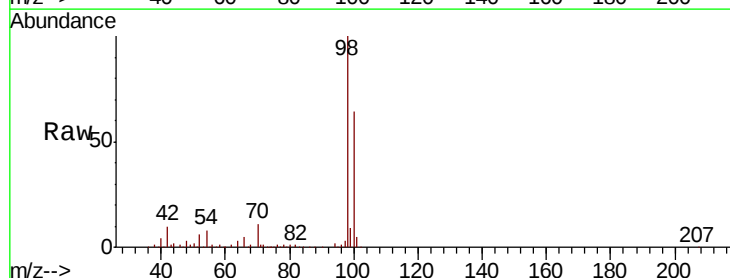
Instrument :
MSVOA_W
ClientSampled :

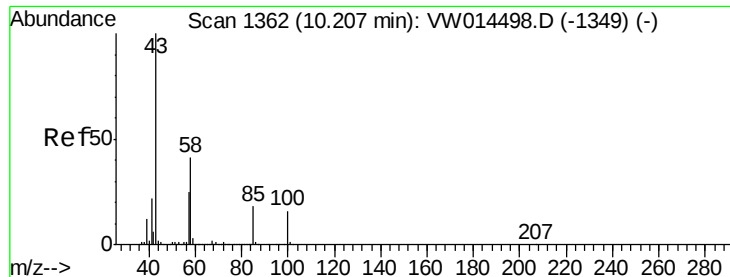
Tot Ion: 88 Resp: 8129
Ion Ratio Lower Upper
88 100
43 33.1 24.9 37.3
58 76.3 56.9 85.3



#50
Toluene-d8
Concen: 5.535 ug/l
RT: 10.32 min Scan# 1380
Delta R.T. -0.01 min
Lab File: CC.D
Acq: 03 Jan 2020 13:03

Tgt Ion: 98 Resp: 176052
Ion Ratio Lower Upper
98 100
100 67.5 53.8 80.6





#51

4-Methyl-2-Pentanone

Concen: 27.738 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. 0.00 min

Lab File: CC.D

Acq: 03 Jan 2020 13:03

Instrument :

MSVOA_W

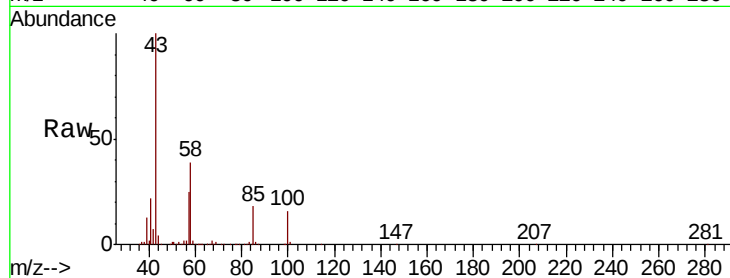
ClientSampled :

Tot Ion: 43 Resp: 141119

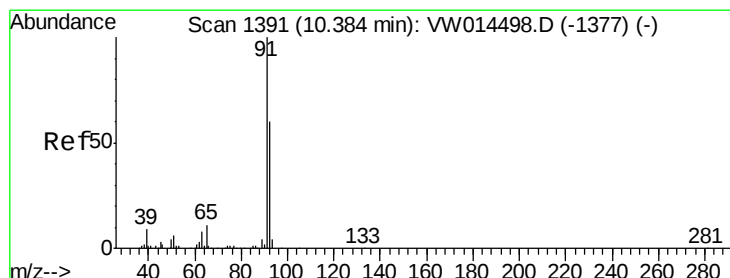
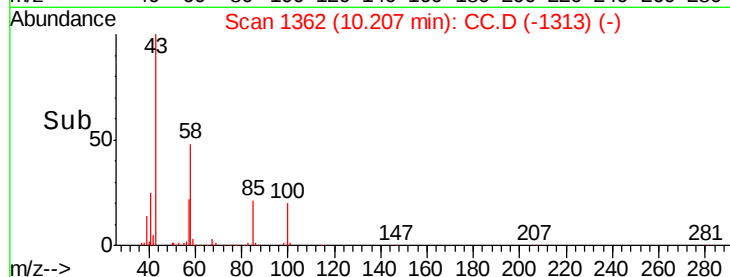
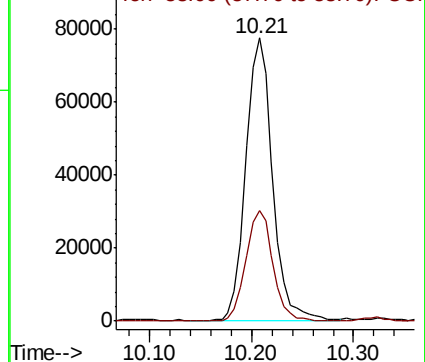
Ion Ratio Lower Upper

43 100

58 39.7 32.7 49.1



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



#52

Toluene

Concen: 5.039 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. 0.00 min

Lab File: CC.D

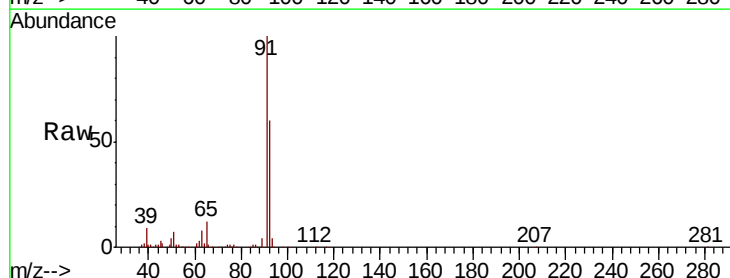
Acq: 03 Jan 2020 13:03

Tgt Ion: 92 Resp: 121165

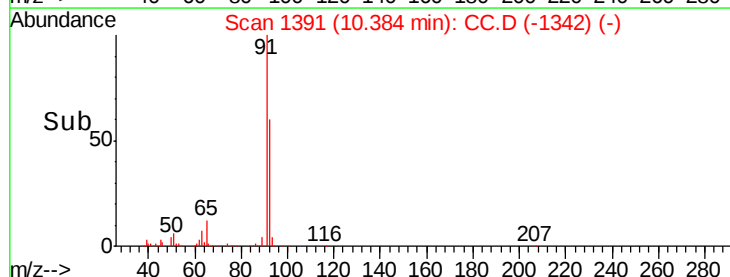
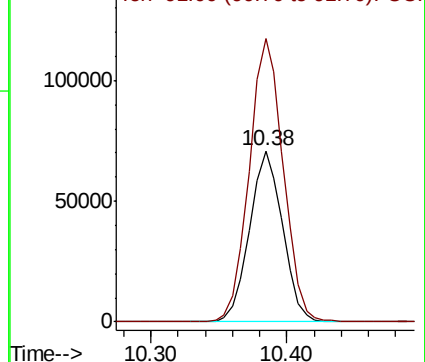
Ion Ratio Lower Upper

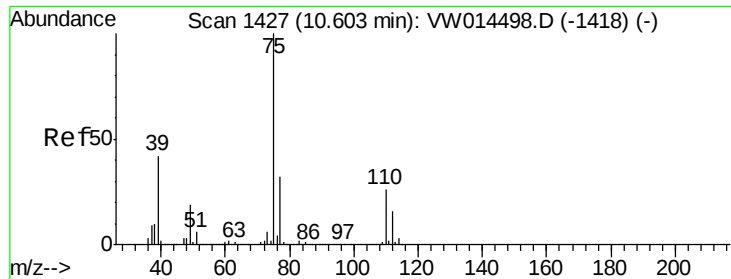
92 100

91 170.0 134.1 201.1



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: 4.813 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: CC.D

Acq: 03 Jan 2020 13:03

Instrument :

MSVOA_W

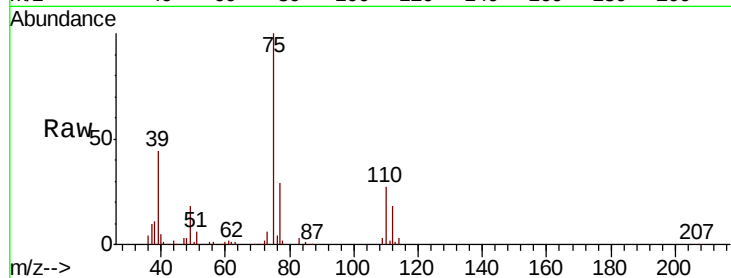
ClientSampleId :

Tot Ion: 75 Resp: 55166

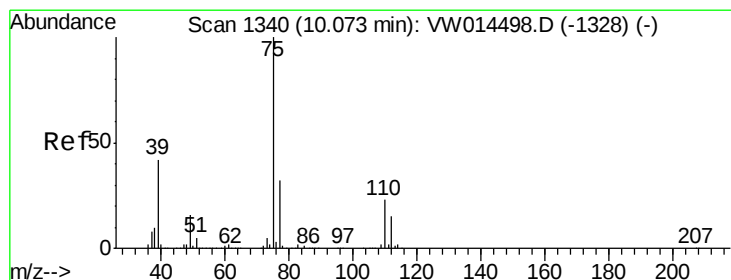
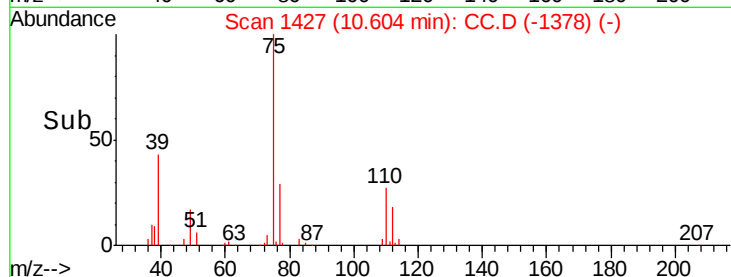
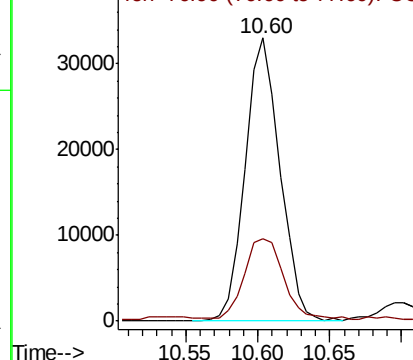
Ion Ratio Lower Upper

75 100

77 28.3 25.4 38.2



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: 4.912 ug/l

RT: 10.07 min Scan# 1339

Delta R.T. -0.01 min

Lab File: CC.D

Acq: 03 Jan 2020 13:03

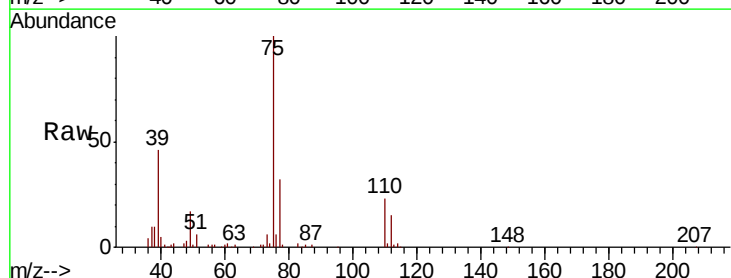
Tgt Ion: 75 Resp: 69198

Ion Ratio Lower Upper

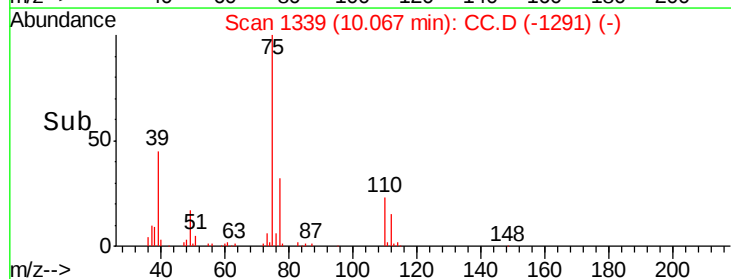
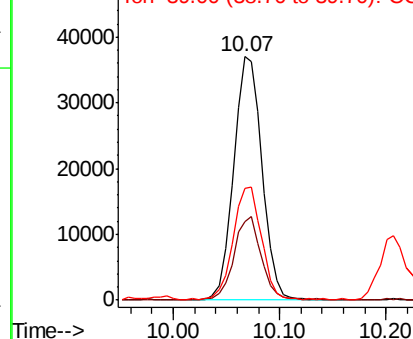
75 100

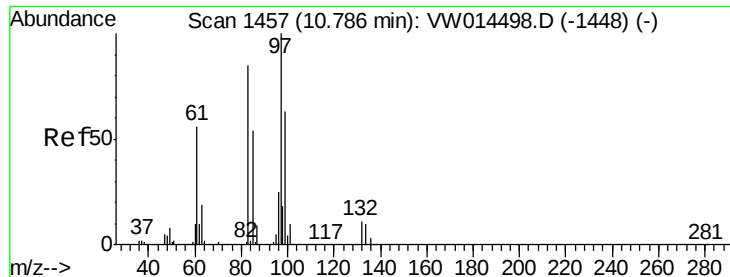
77 32.4 25.4 38.0

39 45.2 33.4 50.2



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.

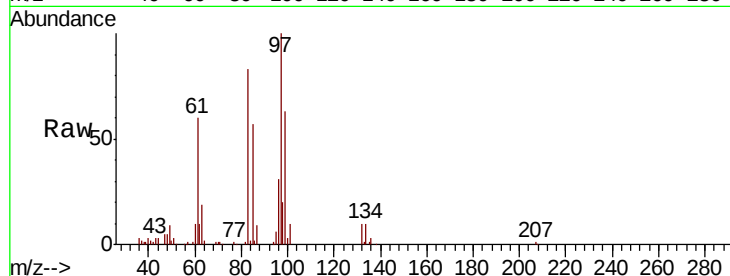




#55
 1,1,2-Trichloroethane
 Concen: 5.295 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: CC.D
 Acq: 03 Jan 2020 13:03

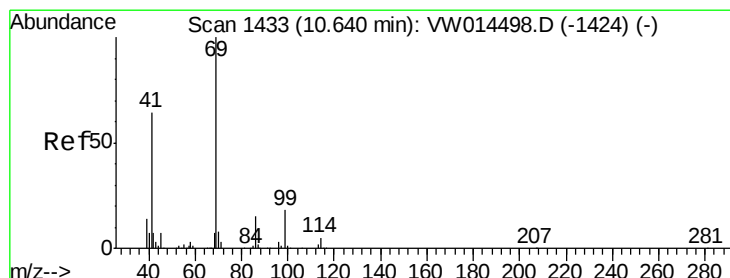
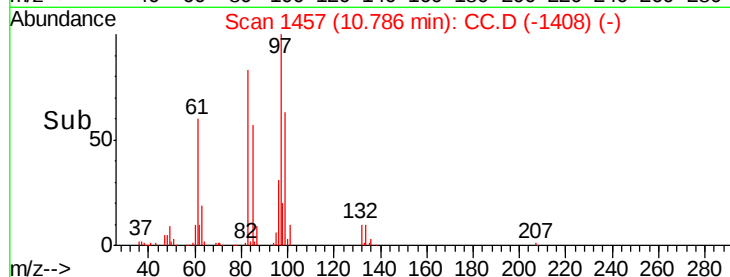
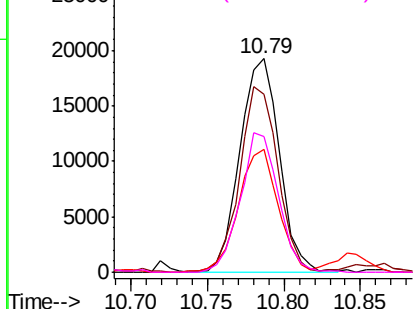
Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion:	97	Resp:	34739
Ion	Ratio	Lower	Upper
97	100		
83	83.0	68.2	102.4
85	56.9	43.0	64.4
99	63.3	50.1	75.1



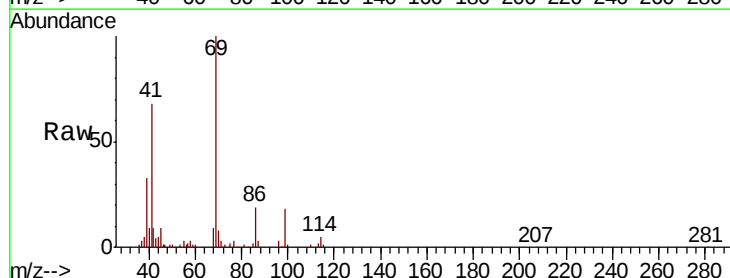
Abundance

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.



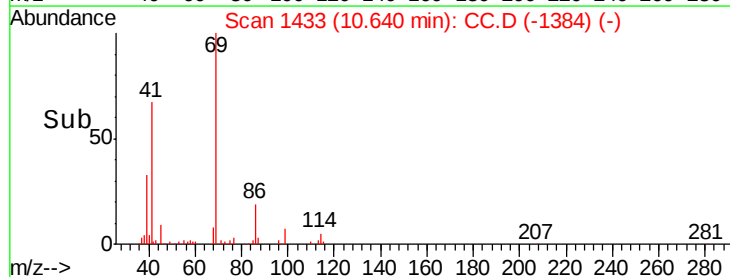
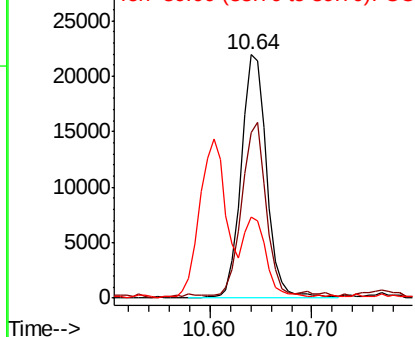
#56
 Ethyl methacrylate
 Concen: 4.557 ug/l
 RT: 10.64 min Scan# 1433
 Delta R.T. 0.00 min
 Lab File: CC.D
 Acq: 03 Jan 2020 13:03

Tgt Ion:	69	Resp:	37918
Ion	Ratio	Lower	Upper
69	100		
41	66.5	51.3	76.9
39	28.2	21.0	31.6



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.

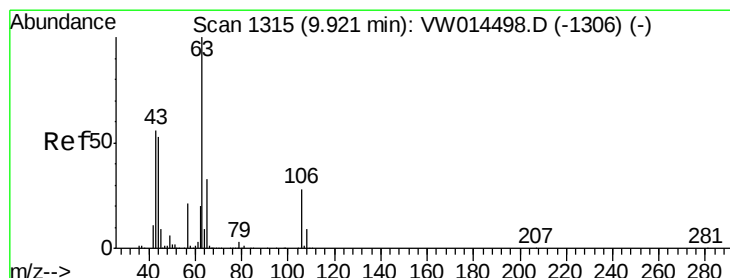
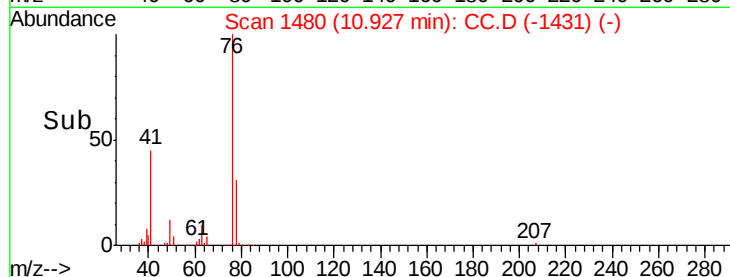
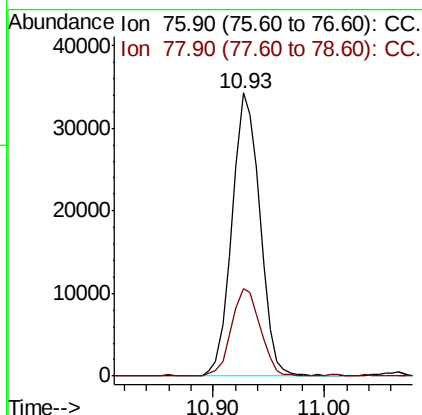
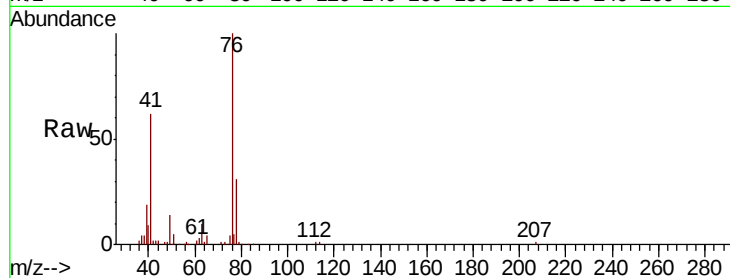




#57
 1,3-Dichloropropane
 Concen: 5.292 ug/l
 RT: 10.93 min Scan# 1480
 Delta R.T. 0.00 min
 Lab File: CC.D
 Acq: 03 Jan 2020 13:03

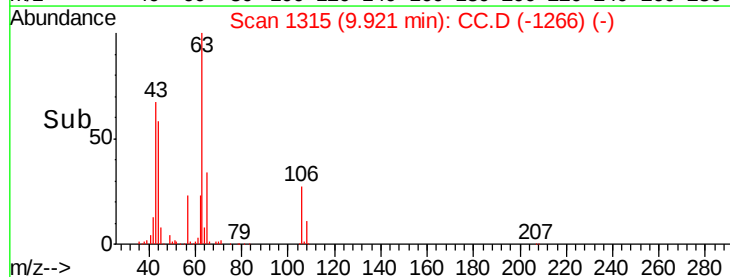
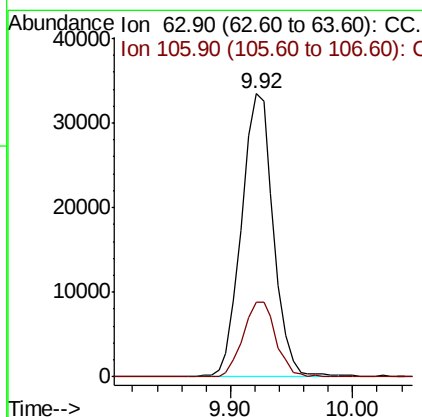
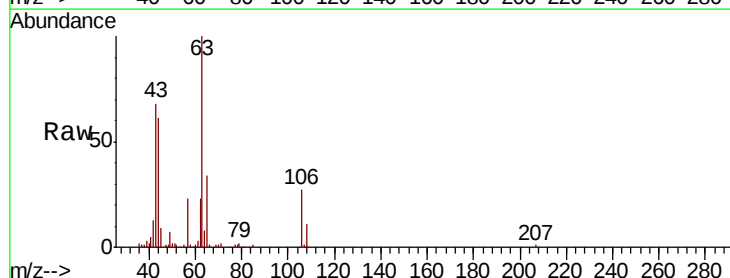
Instrument :
 MSVOA_W
 ClientSampleId :

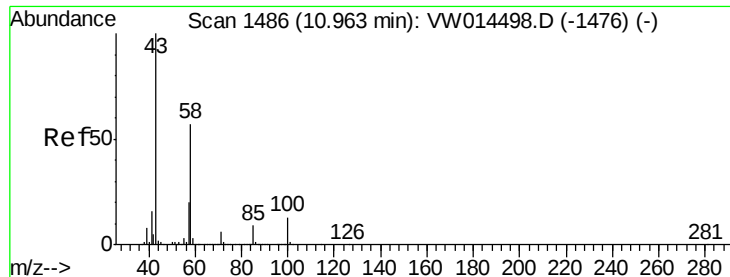
Tot Ion: 76 Resp: 59586
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.9 38.9



#58
 2-Chloroethyl Vinyl ether
 Concen: 17.111 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: CC.D
 Acq: 03 Jan 2020 13:03

Tgt Ion: 63 Resp: 60765
 Ion Ratio Lower Upper
 63 100
 106 27.1 23.0 34.6

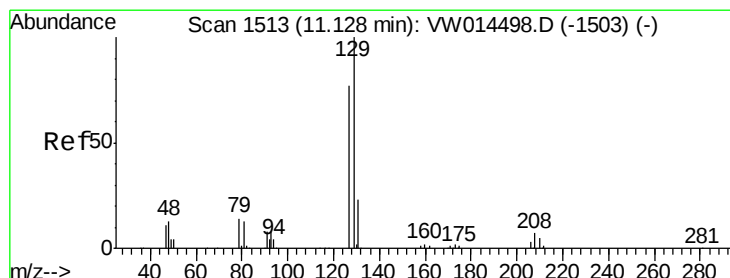
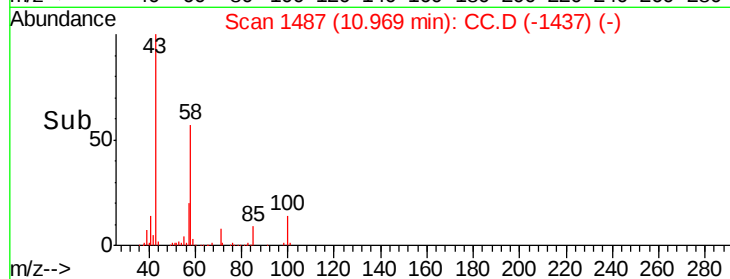
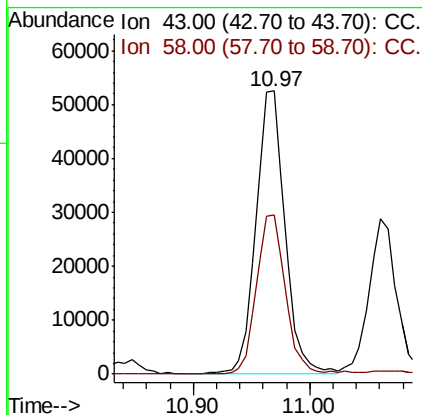
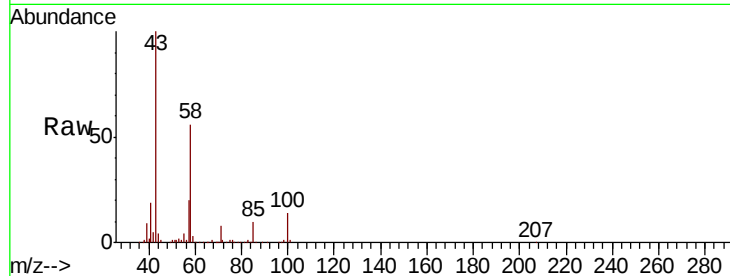




#59
2-Hexanone
Concen: 26.035 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.01 min
Lab File: CC.D
Acq: 03 Jan 2020 13:03

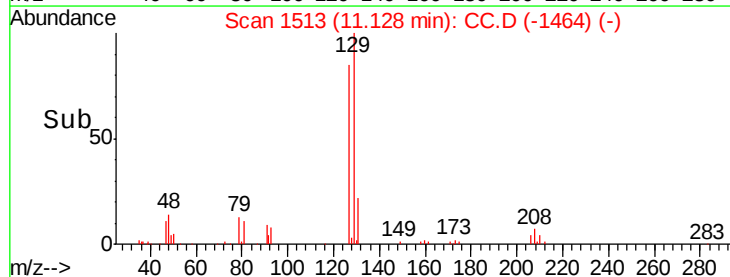
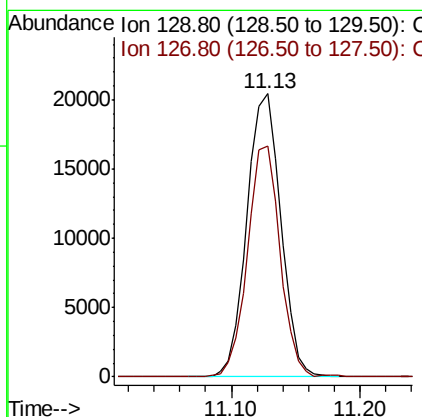
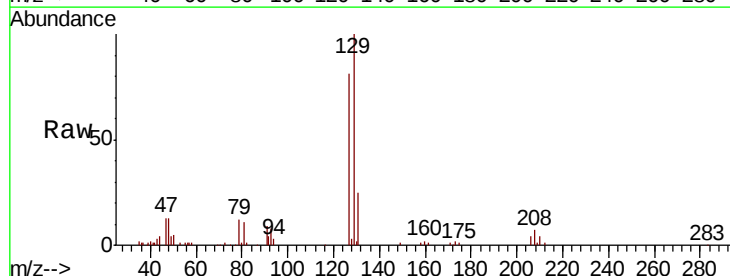
Instrument :
MSVOA_W
ClientSampleId :

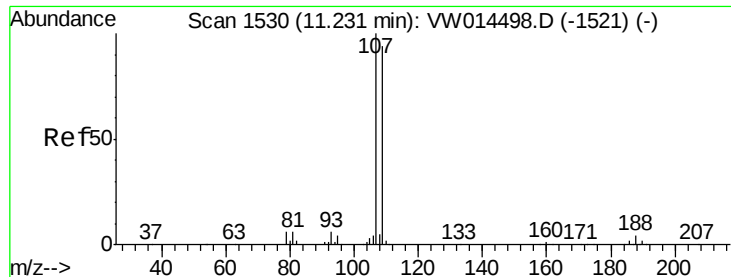
Tot Ion: 43 Resp: 91149
Ion Ratio Lower Upper
43 100
58 57.0 28.7 86.3



#60
Dibromochloromethane
Concen: 4.826 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: CC.D
Acq: 03 Jan 2020 13:03

Tgt Ion: 129 Resp: 37099
Ion Ratio Lower Upper
129 100
127 78.2 38.1 114.5

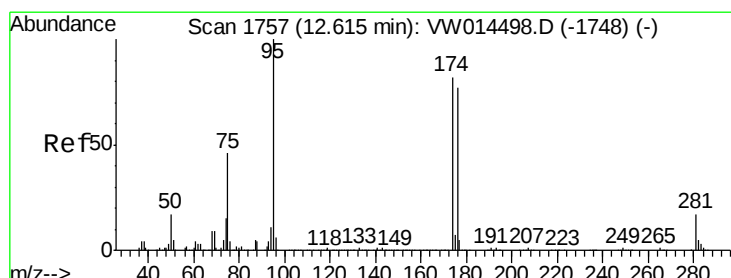
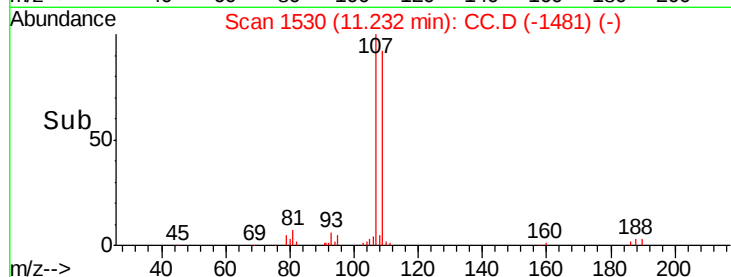
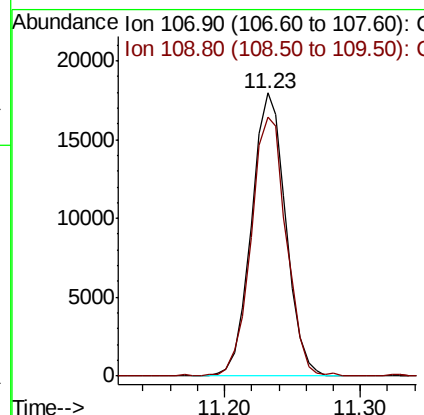
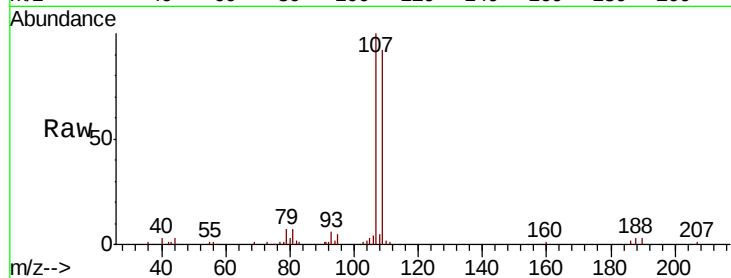




#61
 1,2-Dibromoethane
 Concen: 5.099 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. 0.00 min
 Lab File: CC.D
 Acq: 03 Jan 2020 13:03

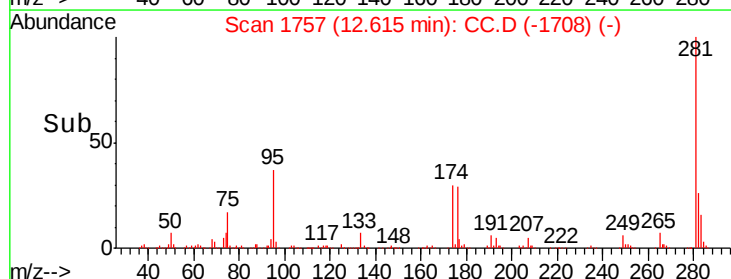
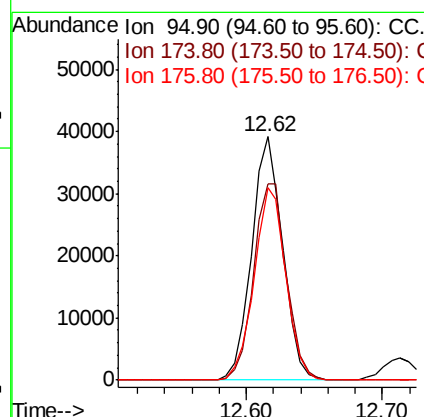
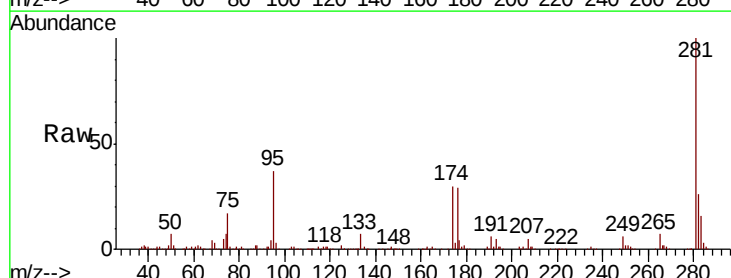
Instrument :
 MSVOA_W
 ClientSampleId :

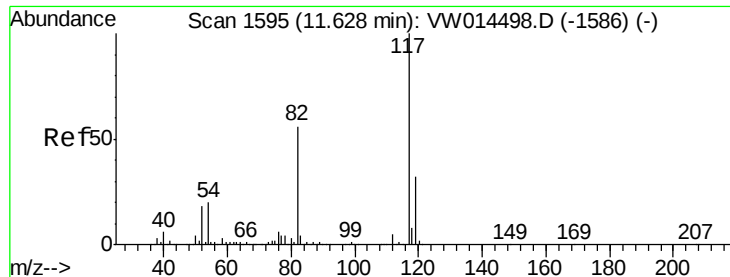
Tot Ion: 107 Resp: 31691
 Ion Ratio Lower Upper
 107 100
 109 93.9 75.1 112.7



#62
 4-Bromofluorobenzene
 Concen: 5.765 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. 0.00 min
 Lab File: CC.D
 Acq: 03 Jan 2020 13:03

Tgt Ion: 95 Resp: 62288
 Ion Ratio Lower Upper
 95 100
 174 85.6 0.0 168.6
 176 81.4 0.0 162.0

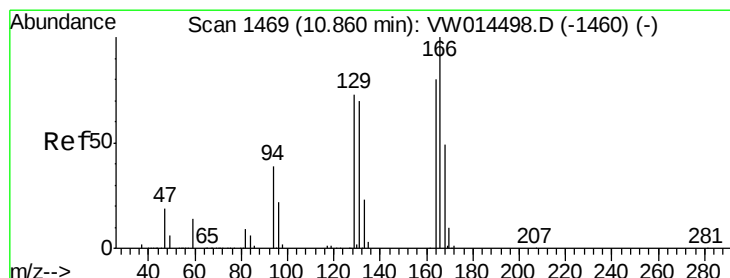
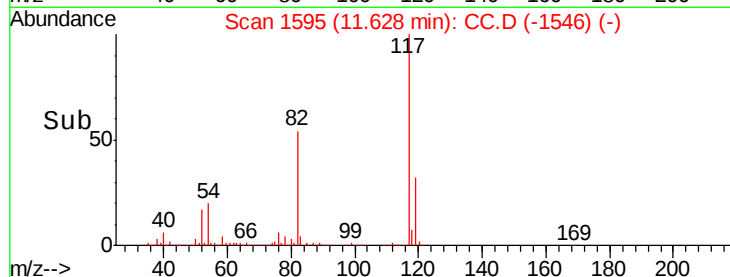
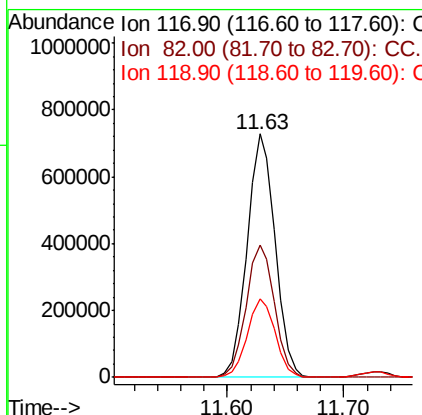
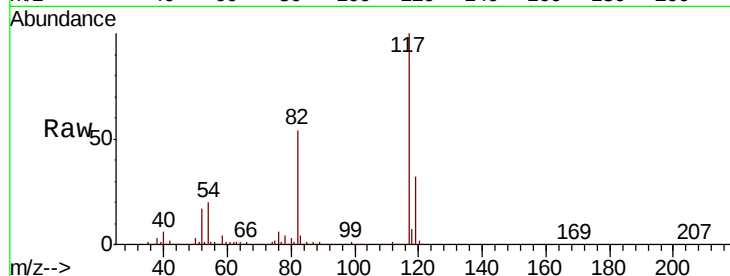




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. 0.00 min
Lab File: CC.D
Acq: 03 Jan 2020 13:03

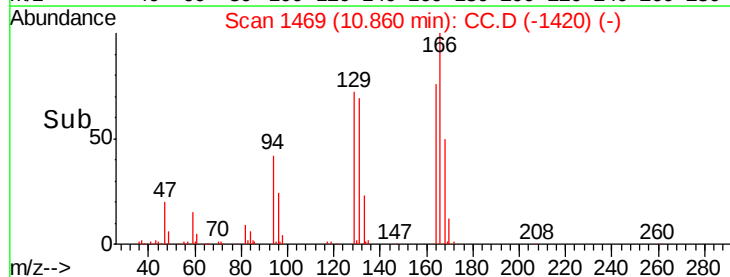
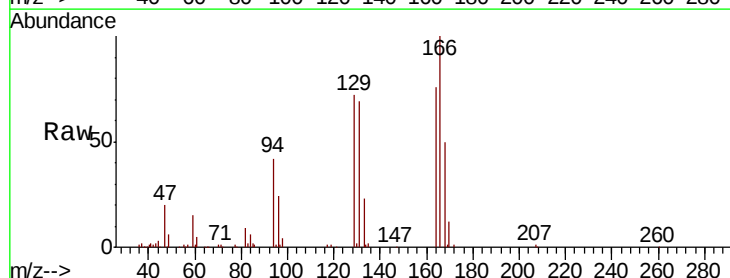
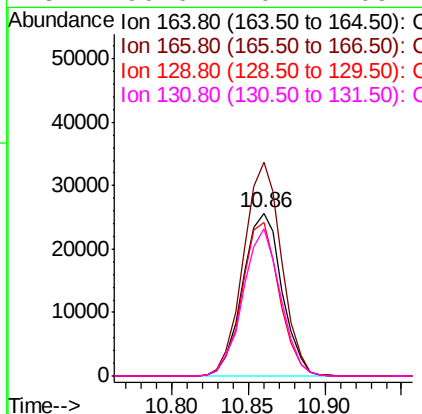
Instrument :
MSVOA_W
ClientSampled :

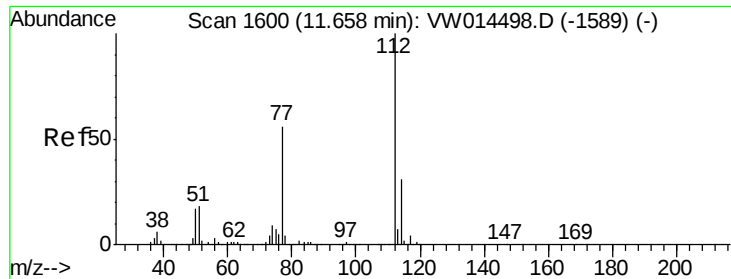
Tot Ion:117 Resp: 1220414
Ion Ratio Lower Upper
117 100
82 54.2 44.6 67.0
119 32.1 25.7 38.5



#64
Tetrachloroethene
Concen: 4.946 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: CC.D
Acq: 03 Jan 2020 13:03

Tgt Ion:164 Resp: 45693
Ion Ratio Lower Upper
164 100
166 131.3 99.8 149.6
129 94.2 72.4 108.6
131 90.6 70.1 105.1





#65

Chlorobenzene

Concen: 5.042 ug/l

RT: 11.65 min Scan# 1599

Delta R.T. -0.01 min

Lab File: CC.D

Acq: 03 Jan 2020 13:03

Instrument :

MSVOA_W

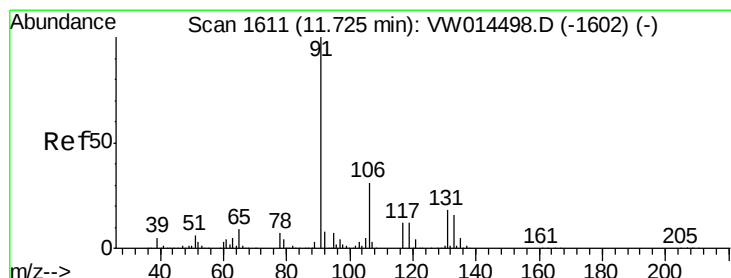
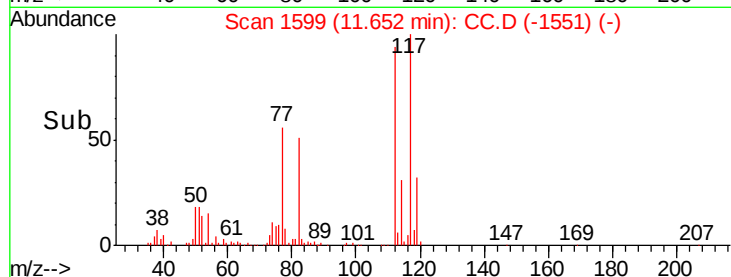
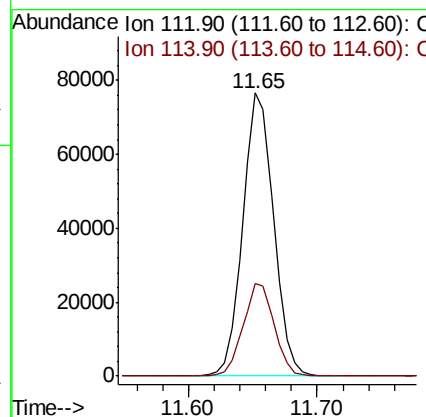
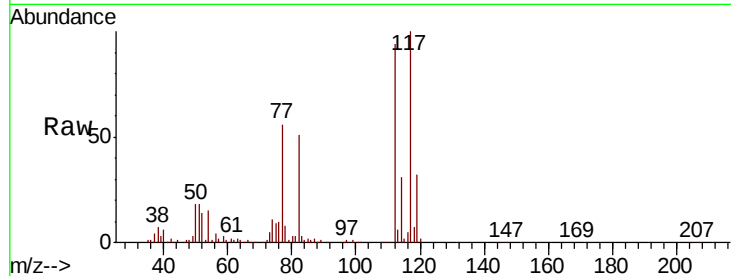
ClientSampleId :

Tot Ion:112 Resp: 126399

Ion Ratio Lower Upper

112 100

114 32.9 24.6 37.0



#66

1,1,1,2-Tetrachloroethane

Concen: 4.765 ug/l

RT: 11.73 min Scan# 1611

Delta R.T. 0.00 min

Lab File: CC.D

Acq: 03 Jan 2020 13:03

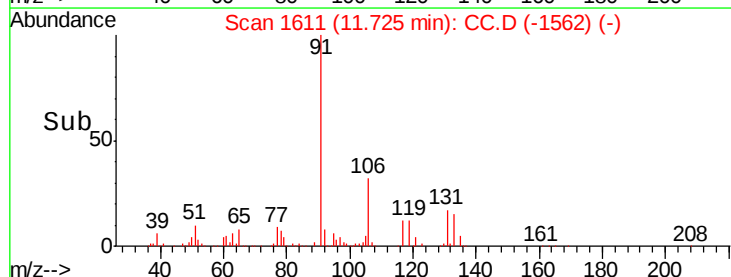
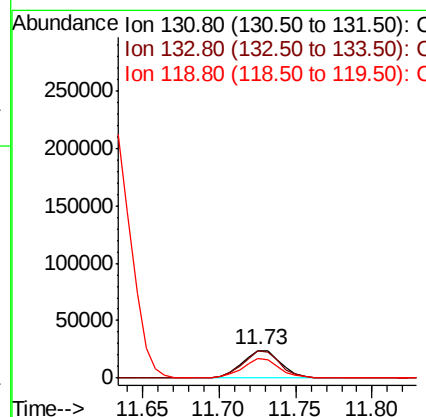
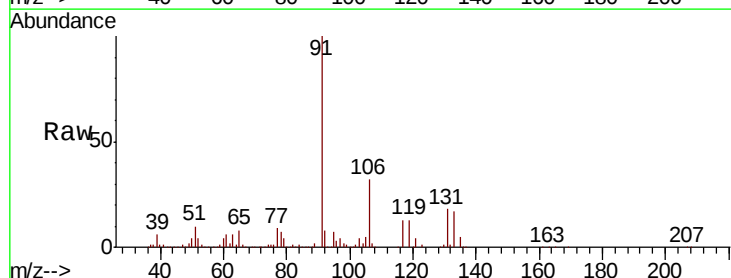
Tgt Ion:131 Resp: 41500

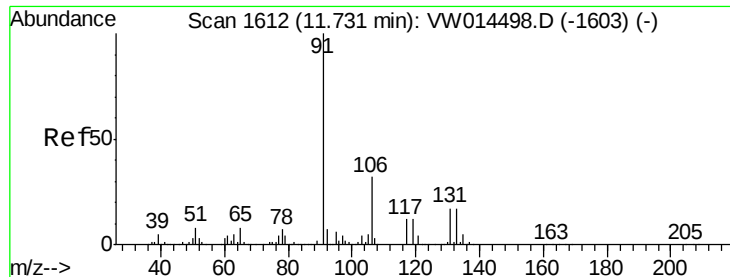
Ion Ratio Lower Upper

131 100

133 96.1 47.3 142.0

119 66.4 33.1 99.3

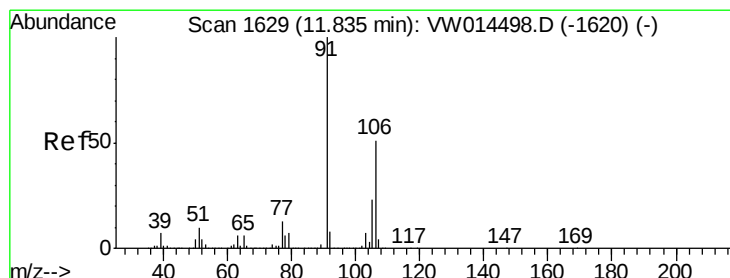
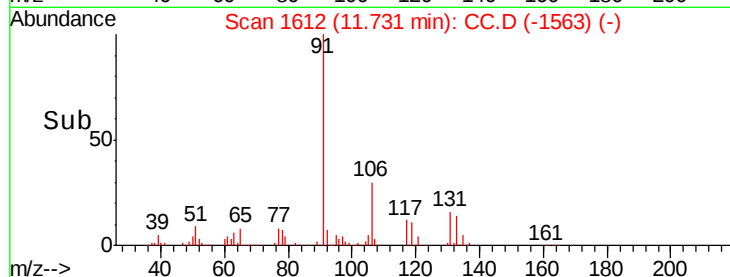
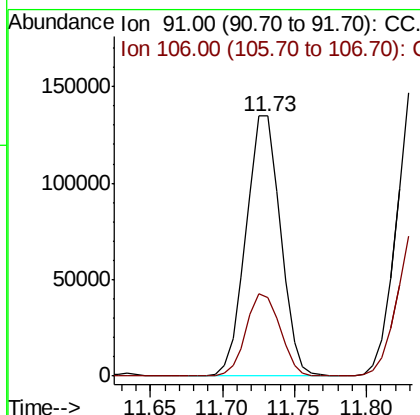
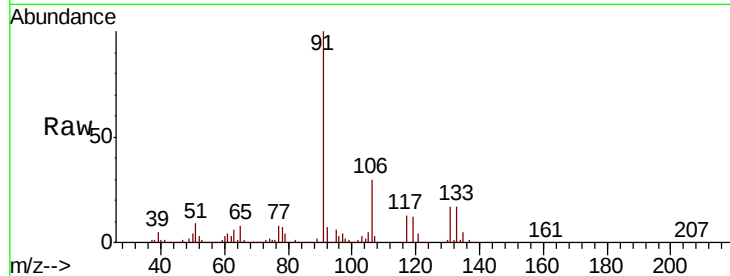




#67
Ethyl Benzene
Concen: 4.940 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: CC.D
Acq: 03 Jan 2020 13:03

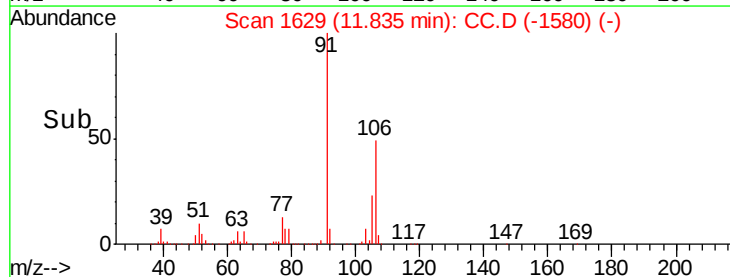
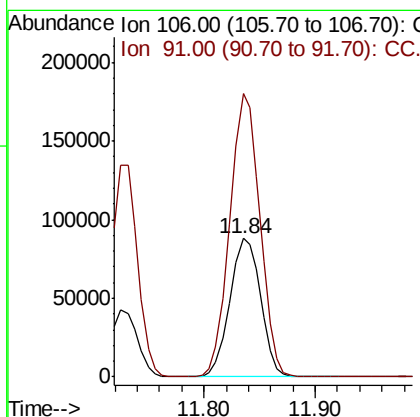
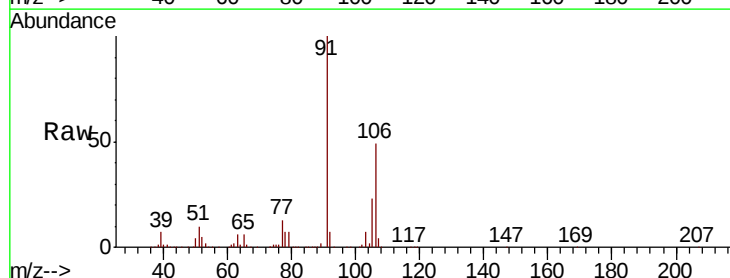
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 91 Resp: 223204
Ion Ratio Lower Upper
91 100
106 30.1 25.5 38.3



#68
m/p-Xylenes
Concen: 9.692 ug/l
RT: 11.84 min Scan# 1629
Delta R.T. 0.00 min
Lab File: CC.D
Acq: 03 Jan 2020 13:03

Tgt Ion: 106 Resp: 169035
Ion Ratio Lower Upper
106 100
91 198.9 159.0 238.6

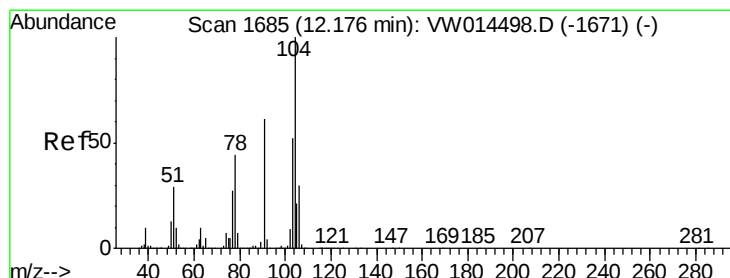
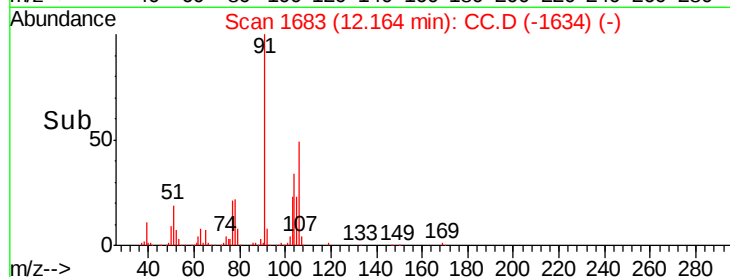
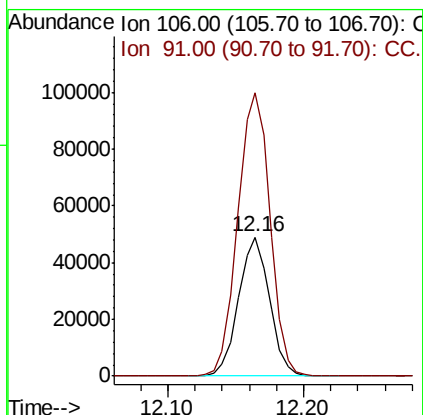
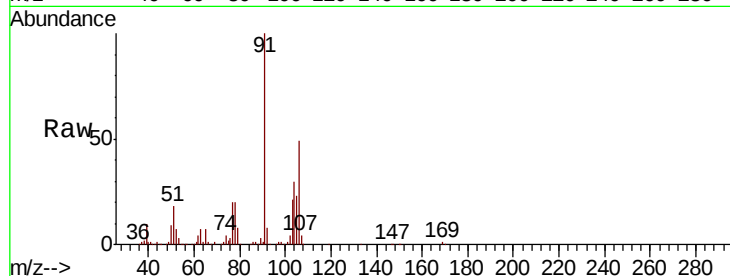




#69
o-Xylene
Concen: 4.830 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: CC.D
Acq: 03 Jan 2020 13:03

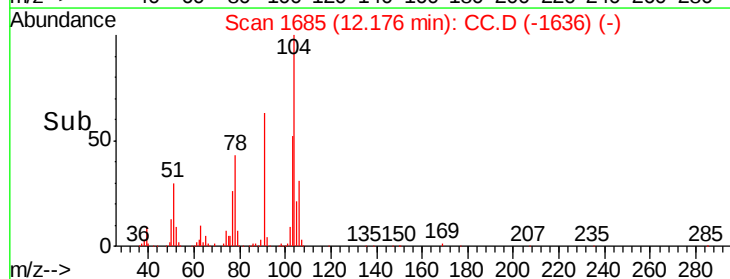
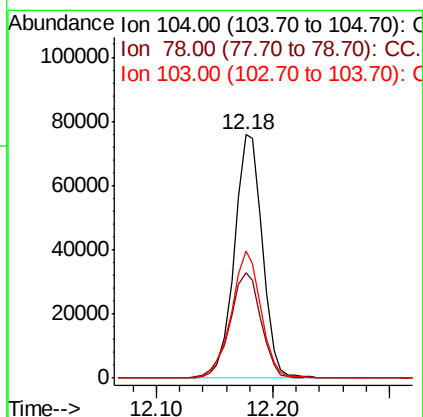
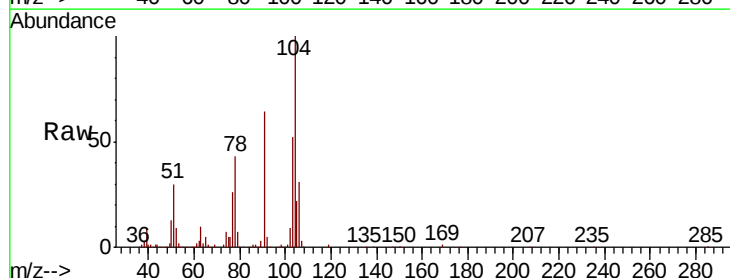
Instrument :
MSVOA_W
ClientSampled :

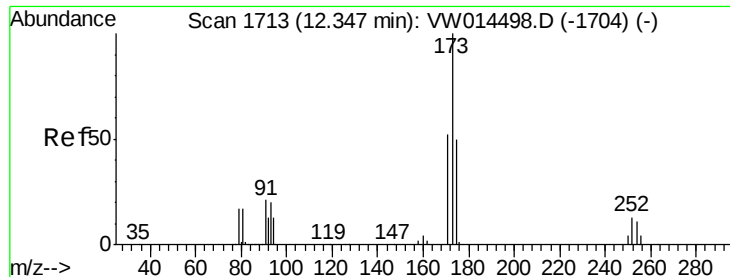
Tot Ion:106 Resp: 77441
Ion Ratio Lower Upper
106 100
91 213.9 105.2 315.6



#70
Styrene
Concen: 4.614 ug/l
RT: 12.18 min Scan# 1685
Delta R.T. 0.00 min
Lab File: CC.D
Acq: 03 Jan 2020 13:03

Tgt Ion:104 Resp: 126810
Ion Ratio Lower Upper
104 100
78 48.2 38.4 57.6
103 55.0 43.7 65.5





#71

Bromoform

Concen: 4.707 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. 0.00 min

Lab File: CC.D

Acq: 03 Jan 2020 13:03

Instrument :

MSVOA_W

ClientSampleId :

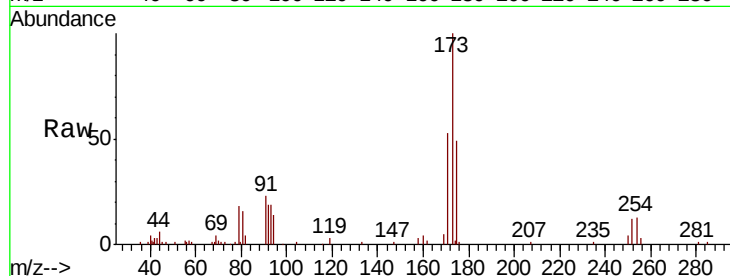
Tot Ion:173 Resp: 21836

Ion Ratio Lower Upper

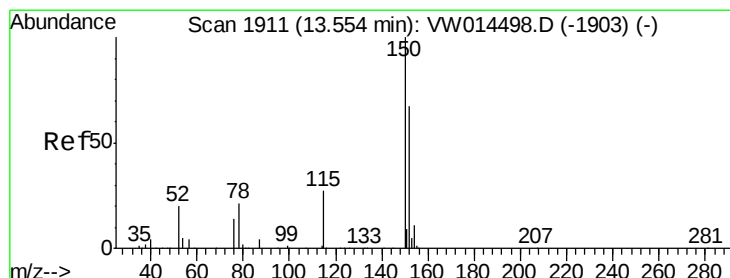
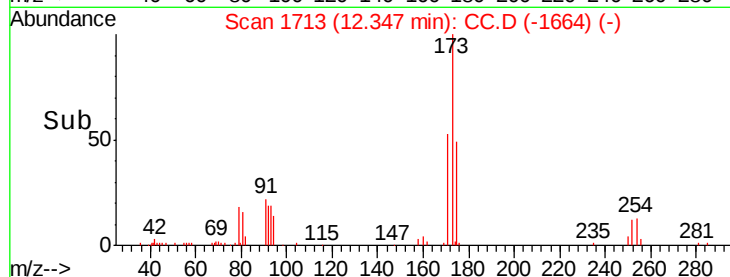
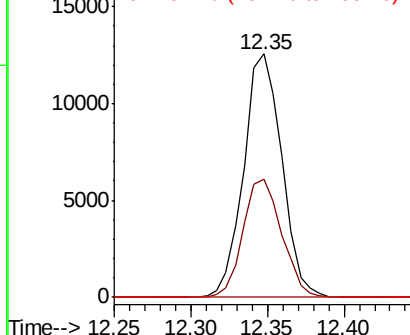
173 100

175 49.0 24.5 73.5

254 0.0 0.0 0.0



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: 50.000 ug/l

RT: 13.55 min Scan# 1911

Delta R.T. 0.00 min

Lab File: CC.D

Acq: 03 Jan 2020 13:03

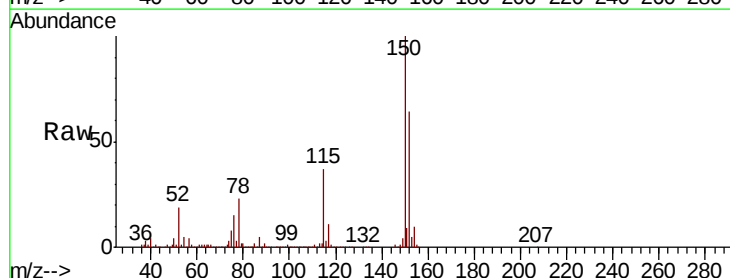
Tgt Ion:152 Resp: 594639

Ion Ratio Lower Upper

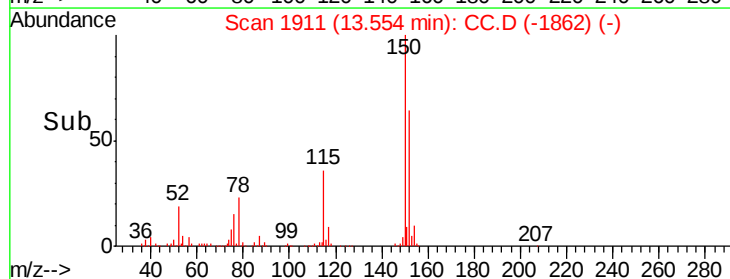
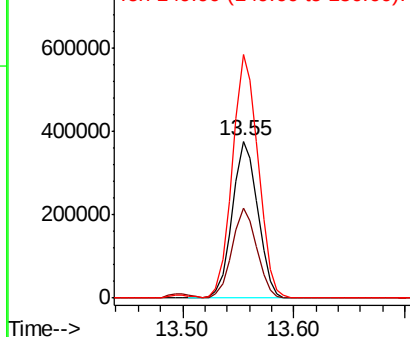
152 100

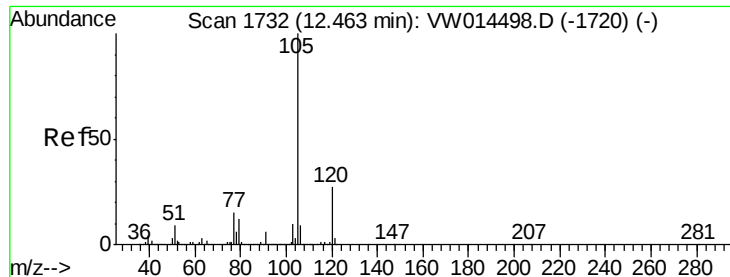
115 56.0 27.7 83.1

150 157.0 0.0 343.4



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: 4.987 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: CC.D

Acq: 03 Jan 2020 13:03

Instrument :

MSVOA_W

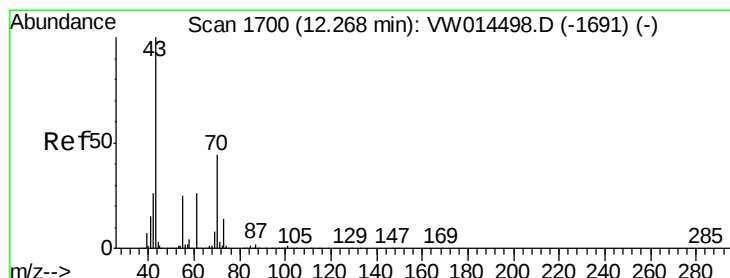
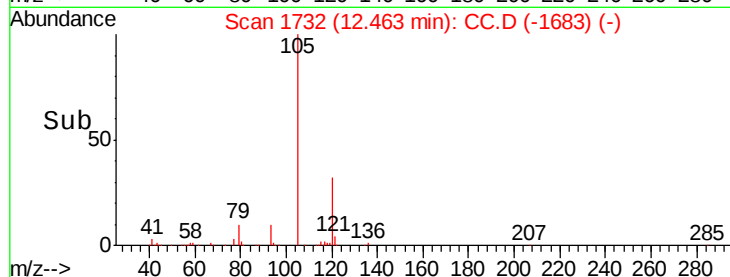
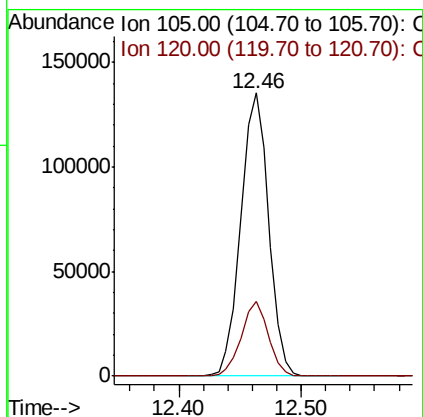
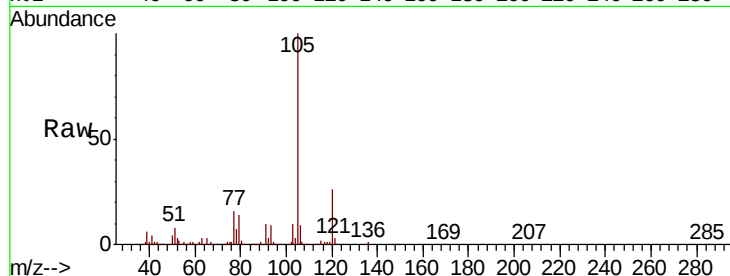
ClientSampleId :

Tot Ion:105 Resp: 213308

Ion Ratio Lower Upper

105 100

120 25.7 13.4 40.1



#74

N-ethyl acetate

Concen: 5.093 ug/l

RT: 12.27 min Scan# 1700

Delta R.T. 0.00 min

Lab File: CC.D

Acq: 03 Jan 2020 13:03

Tgt Ion: 43 Resp: 44046

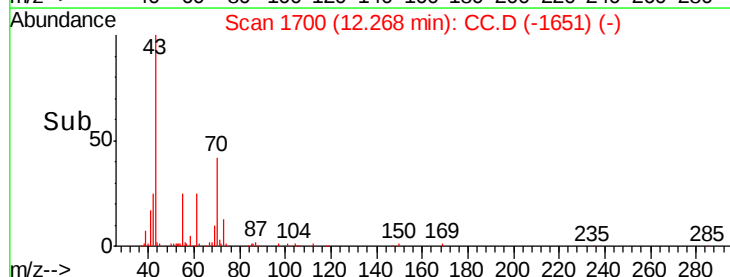
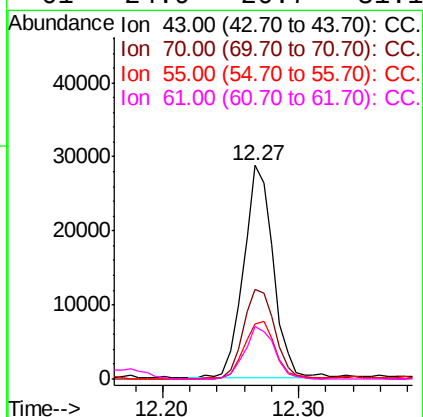
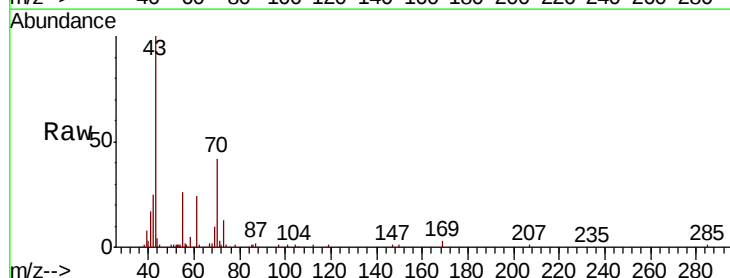
Ion Ratio Lower Upper

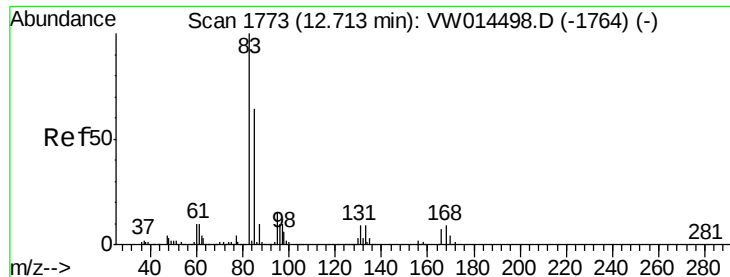
43 100

70 44.6 36.5 54.7

55 28.9 20.9 31.3

61 24.9 20.7 31.1





#75

1,1,2,2-Tetrachloroethane

Concen: 5.743 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: CC.D

Acq: 03 Jan 2020 13:03

Instrument :

MSVOA_W

ClientSampleId :

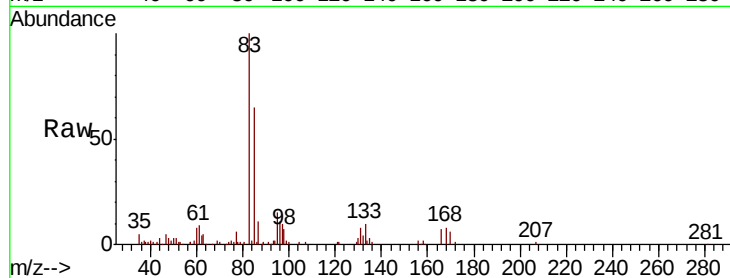
Tot Ion: 83 Resp: 40323

Ion Ratio Lower Upper

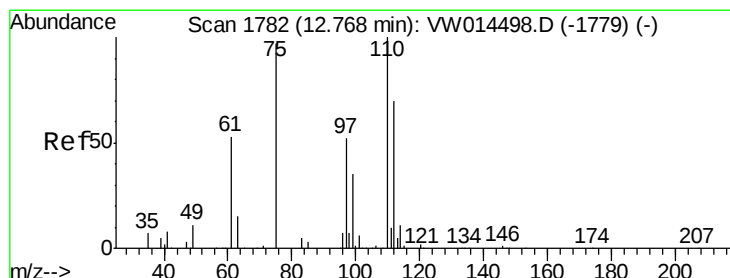
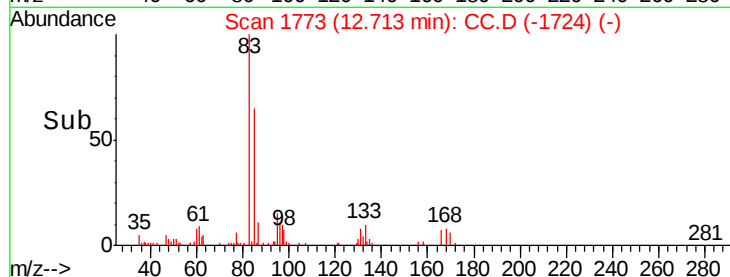
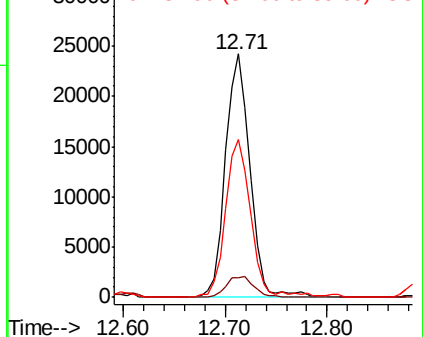
83 100

131 9.8 5.1 15.4

85 64.5 31.9 95.7



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.



#76

1,2,3-Trichloropropane

Concen: 10.771 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: CC.D

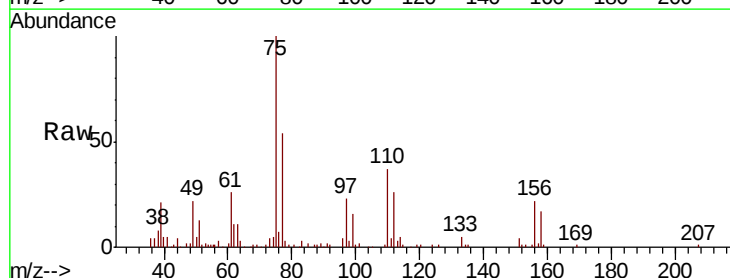
Acq: 03 Jan 2020 13:03

Tgt Ion: 75 Resp: 49908

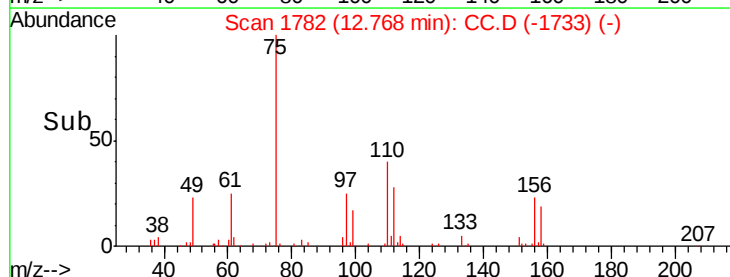
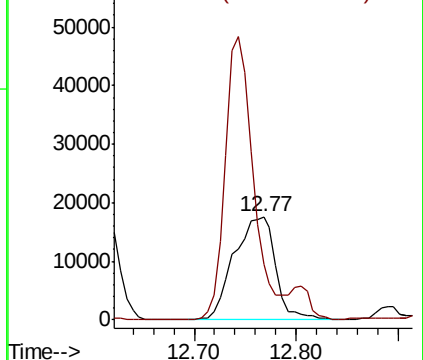
Ion Ratio Lower Upper

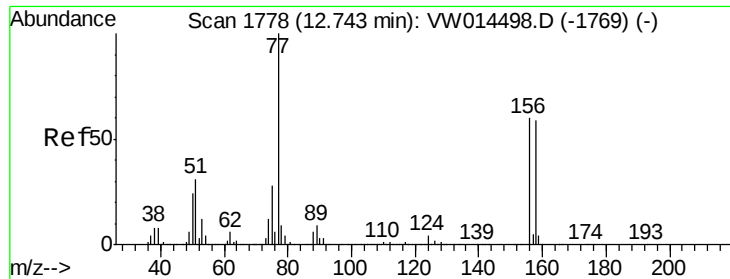
75 100

77 0.0 0.0 0.0



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





#77

Bromobenzene

Concen: 4.910 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. 0.00 min

Lab File: CC.D

Acq: 03 Jan 2020 13:03

Instrument :

MSVOA_W

ClientSampleId :

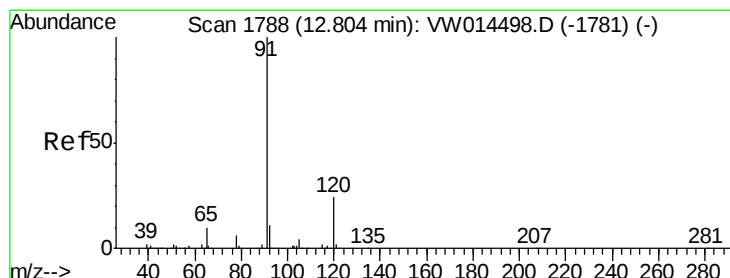
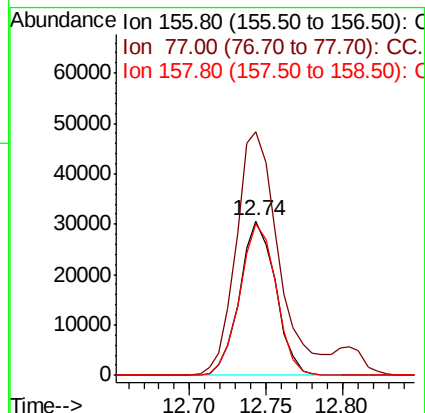
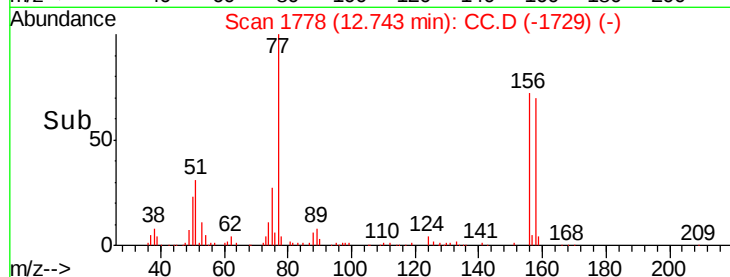
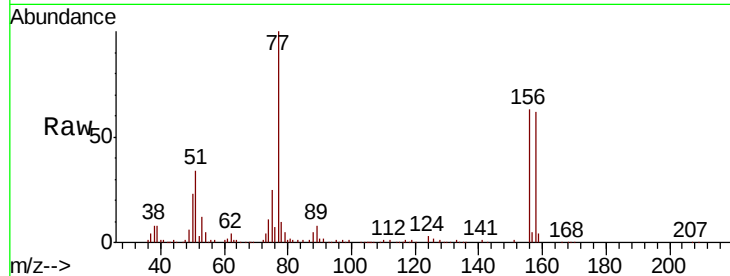
Tot Ion:156 Resp: 50010

Ion Ratio Lower Upper

156 100

77 185.7 92.3 277.1

158 99.4 48.6 145.9



#78

n-propylbenzene

Concen: 5.058 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: CC.D

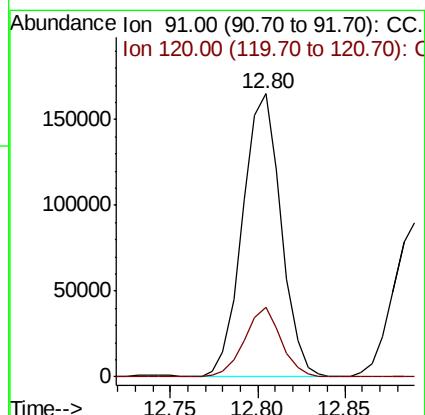
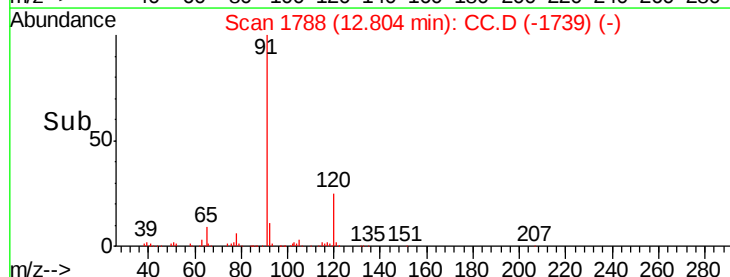
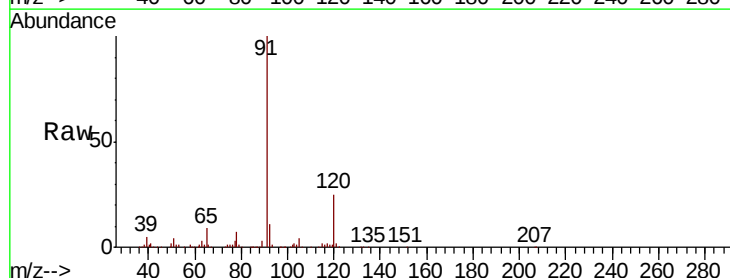
Acq: 03 Jan 2020 13:03

Tgt Ion: 91 Resp: 250899

Ion Ratio Lower Upper

91 100

120 23.5 11.7 35.1





#79

2-Chlorotoluene

Concen: 5.264 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. 0.00 min

Lab File: CC.D

Acq: 03 Jan 2020 13:03

Instrument :

MSVOA_W

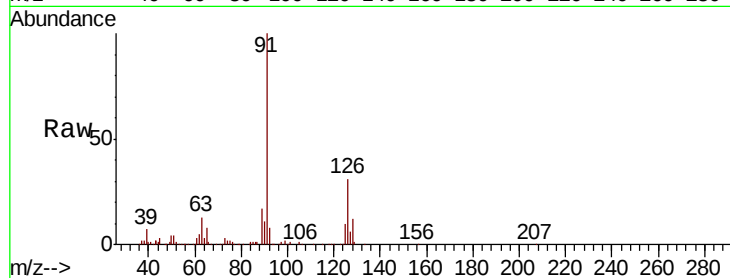
ClientSampleId :

Tot Ion: 91 Resp: 146909

Ion Ratio Lower Upper

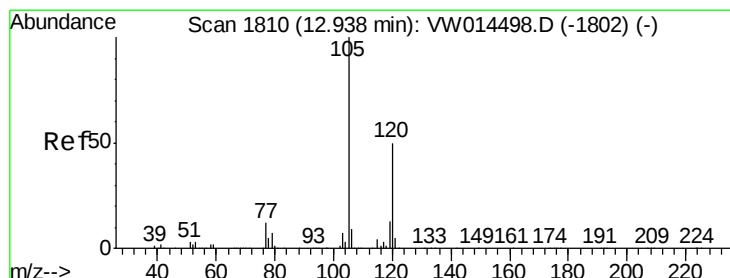
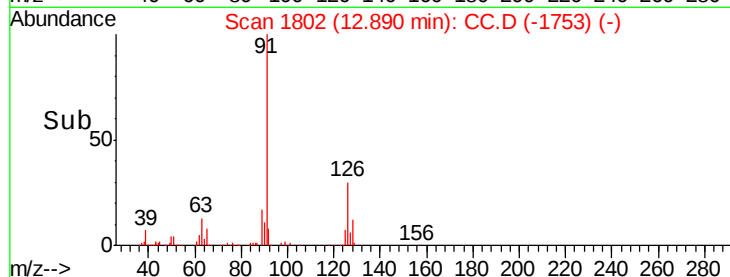
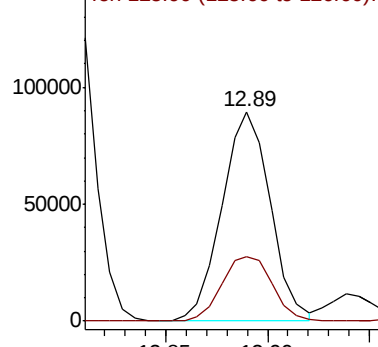
91 100

126 32.5 17.1 51.2



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: 4.938 ug/l

RT: 12.94 min Scan# 1810

Delta R.T. 0.00 min

Lab File: CC.D

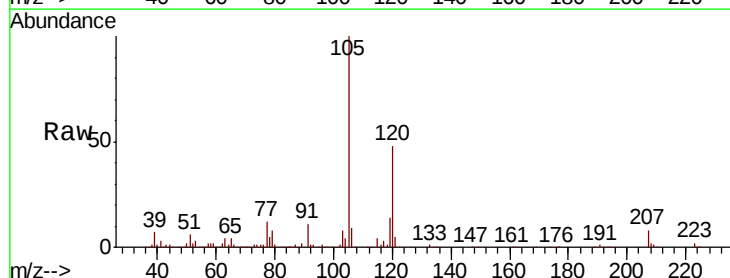
Acq: 03 Jan 2020 13:03

Tgt Ion: 105 Resp: 177700

Ion Ratio Lower Upper

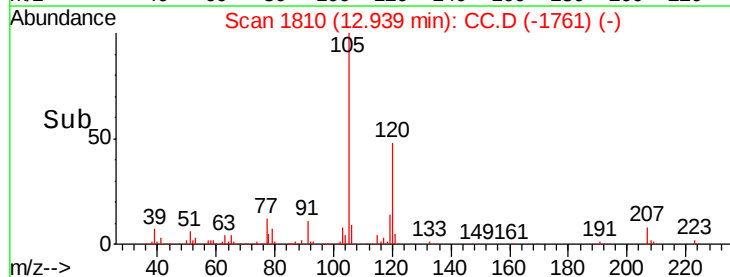
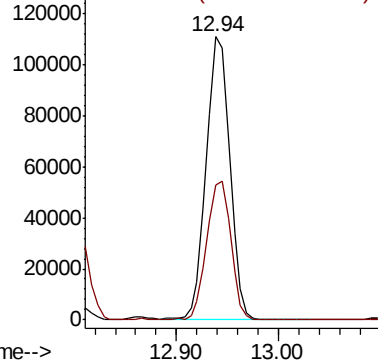
105 100

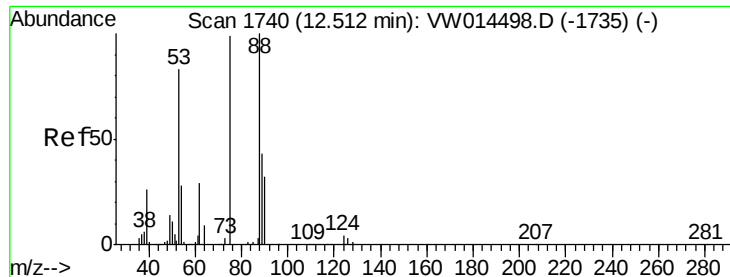
120 50.2 25.2 75.6



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: 4.655 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. 0.00 min

Lab File: CC.D

Acq: 03 Jan 2020 13:03

Instrument :

MSVOA_W

ClientSampleId :

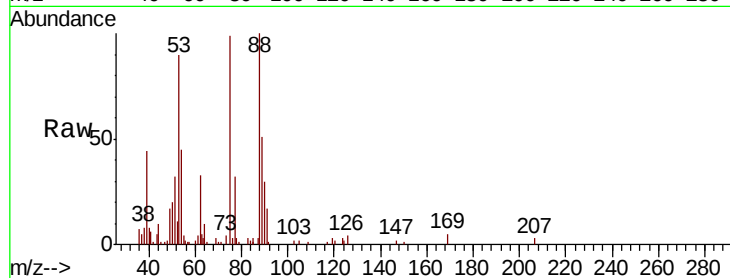
Tot Ion: 75 Resp: 10943

Ion Ratio Lower Upper

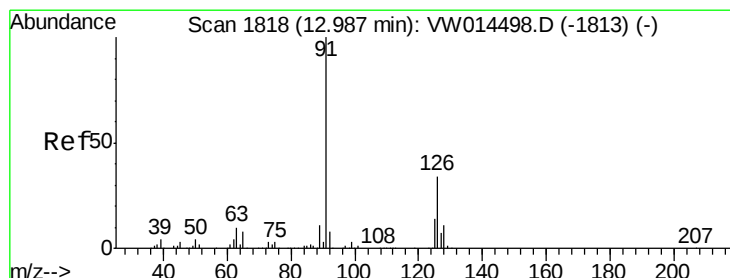
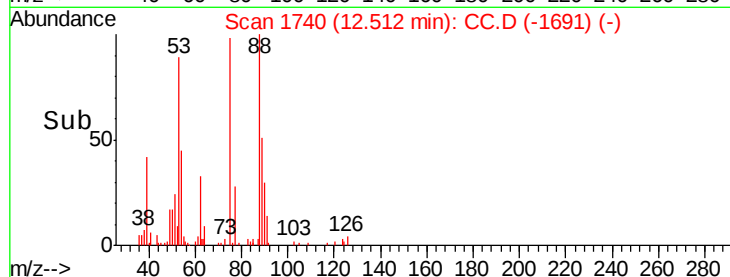
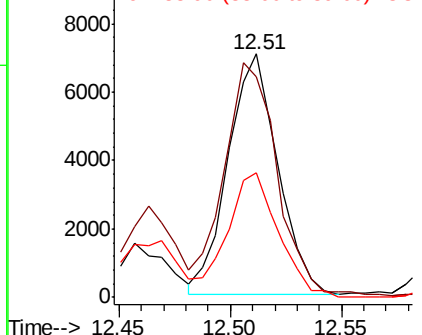
75 100

53 103.6 70.9 106.3

89 53.7 35.8 53.8



Abundance Ion 74.90 (74.60 to 75.60): CC.
Ion 53.00 (52.70 to 53.70): CC.
Ion 88.90 (88.60 to 89.60): CC.



#82

4-Chlorotoluene

Concen: 5.248 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. 0.00 min

Lab File: CC.D

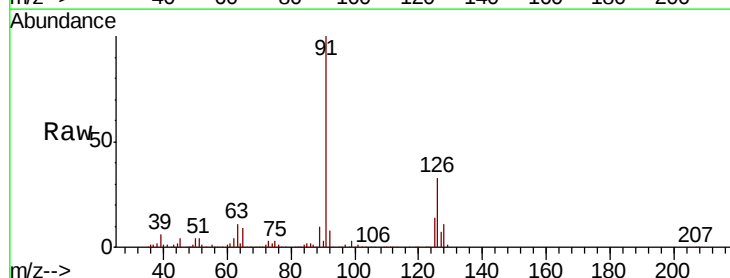
Acq: 03 Jan 2020 13:03

Tgt Ion: 91 Resp: 153227

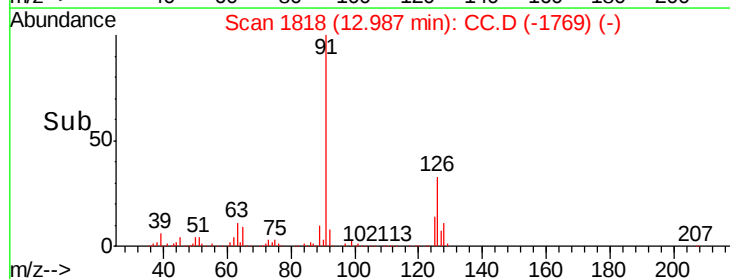
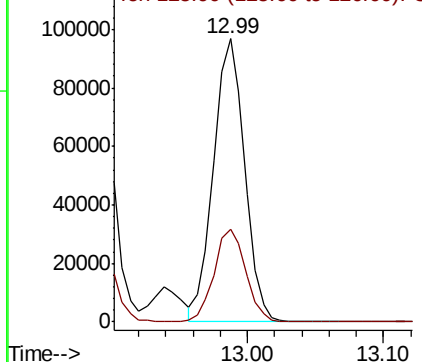
Ion Ratio Lower Upper

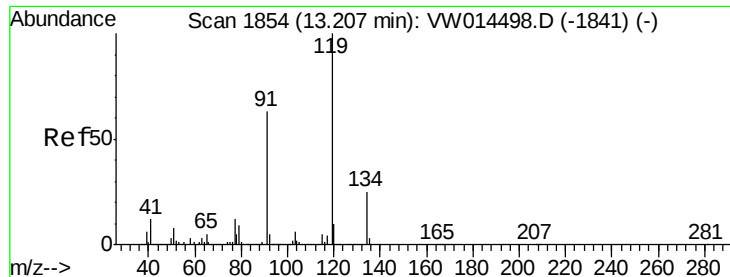
91 100

126 33.4 17.1 51.2



Abundance Ion 91.00 (90.70 to 91.70): CC.
Ion 125.90 (125.60 to 126.60): C

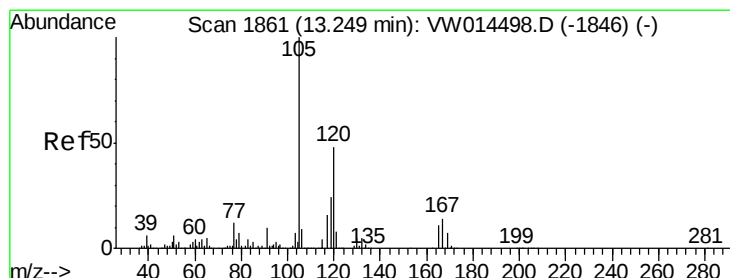
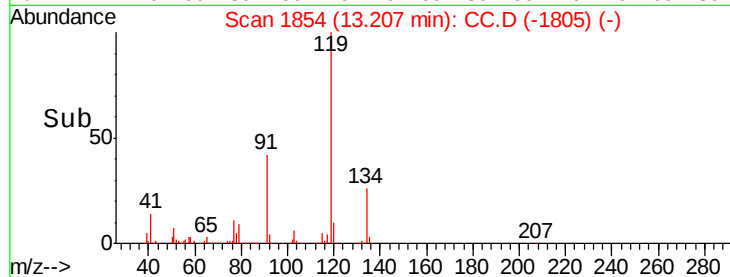
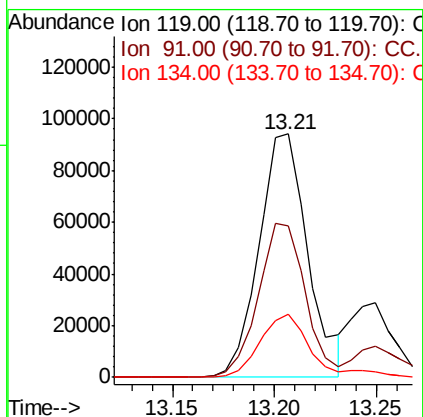
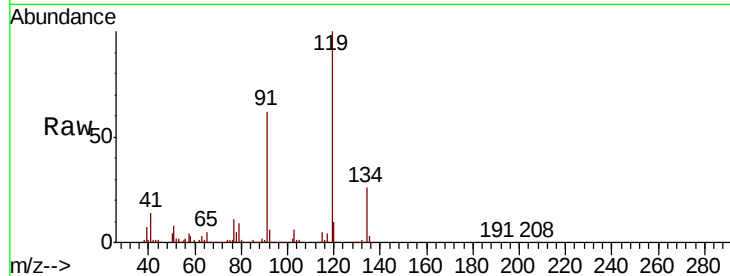




#83
 tert-Butylbenzene
 Concen: 4.925 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. 0.00 min
 Lab File: CC.D
 Acq: 03 Jan 2020 13:03

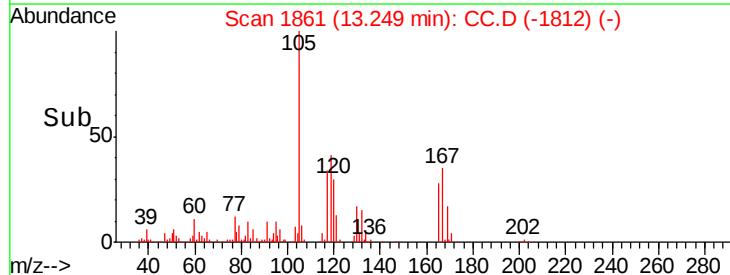
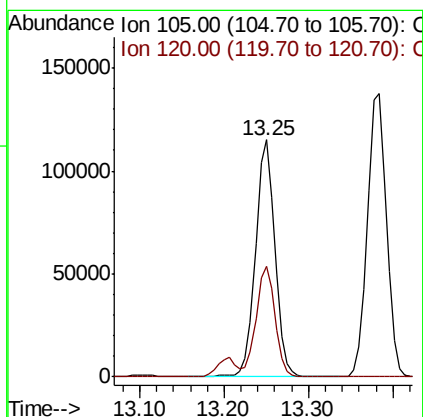
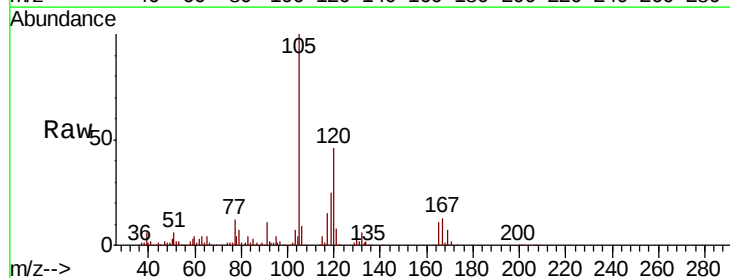
Instrument :
 MSVOA_W
 ClientSampleId :

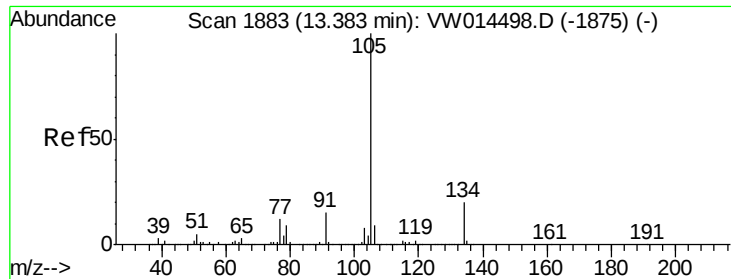
Tot Ion:119 Resp: 157207
 Ion Ratio Lower Upper
 119 100
 91 60.7 31.1 93.3
 134 27.4 13.5 40.5



#84
 1,2,4-Trimethylbenzene
 Concen: 5.078 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. 0.00 min
 Lab File: CC.D
 Acq: 03 Jan 2020 13:03

Tgt Ion:105 Resp: 180575
 Ion Ratio Lower Upper
 105 100
 120 45.7 23.4 70.0

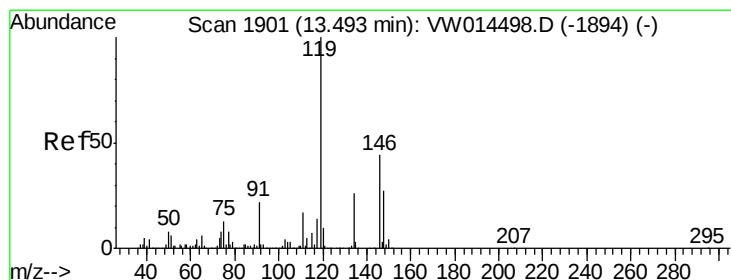
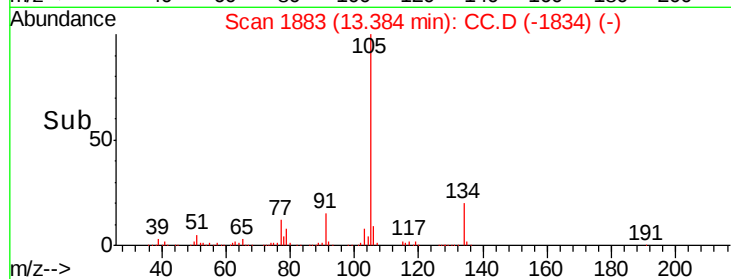
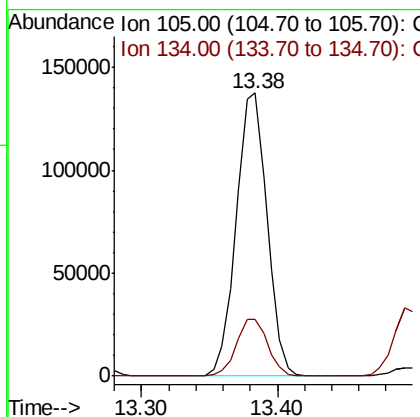
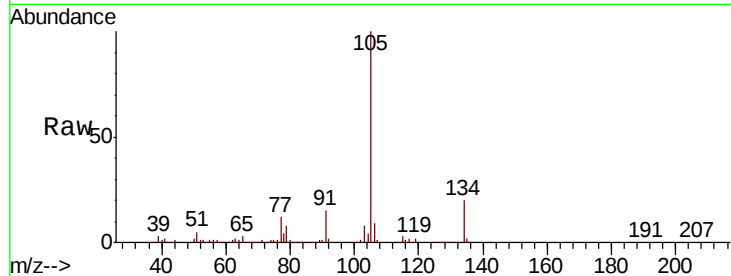




#85
 sec-Butylbenzene
 Concen: 4.971 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: CC.D
 Acq: 03 Jan 2020 13:03

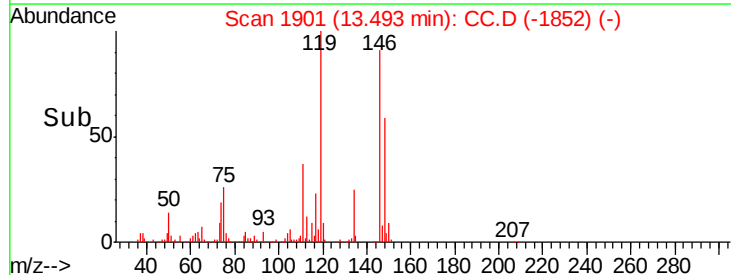
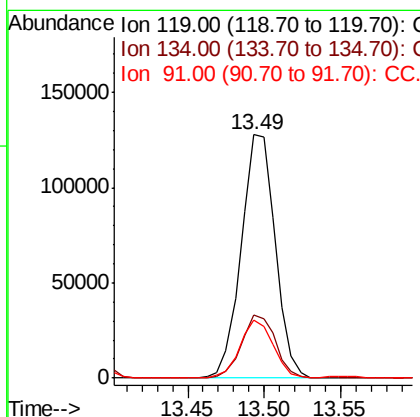
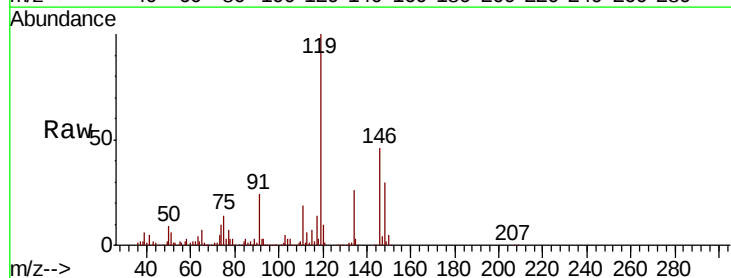
Instrument :
 MSVOA_W
 ClientSampled :

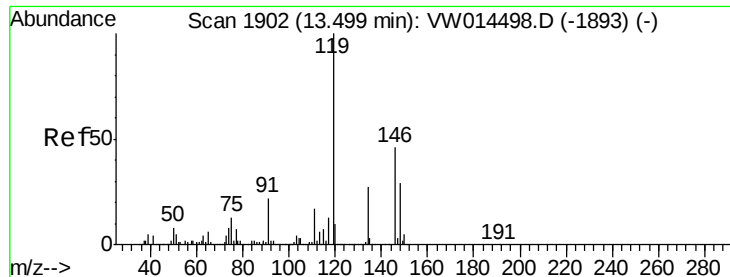
Tot Ion:105 Resp: 217424
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.2 30.6



#86
 p-Isopropyltoluene
 Concen: 4.851 ug/l
 RT: 13.49 min Scan# 1901
 Delta R.T. 0.00 min
 Lab File: CC.D
 Acq: 03 Jan 2020 13:03

Tgt Ion:119 Resp: 197015
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.2 39.5
 91 23.2 11.1 33.3

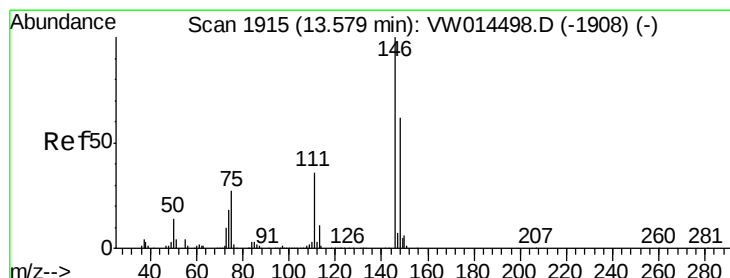
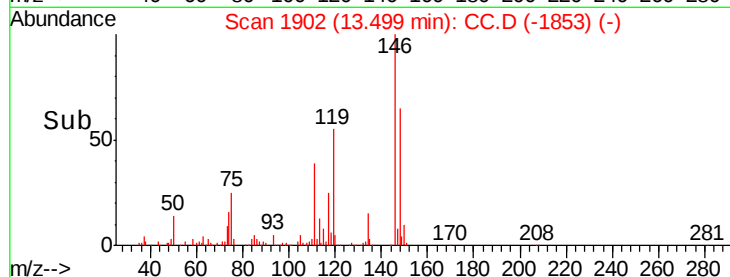
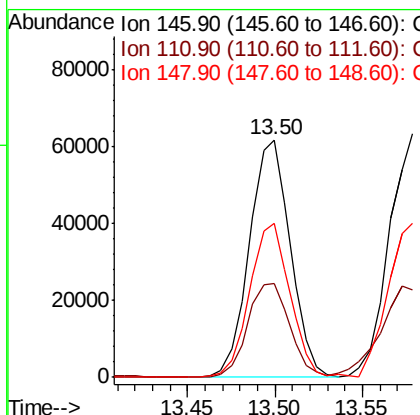
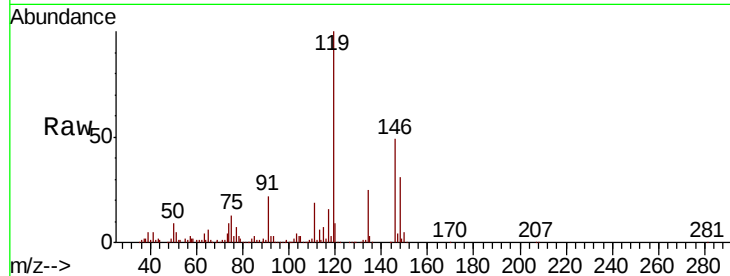




#87
 1,3-Dichlorobenzene
 Concen: 5.101 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: CC.D
 Acq: 03 Jan 2020 13:03

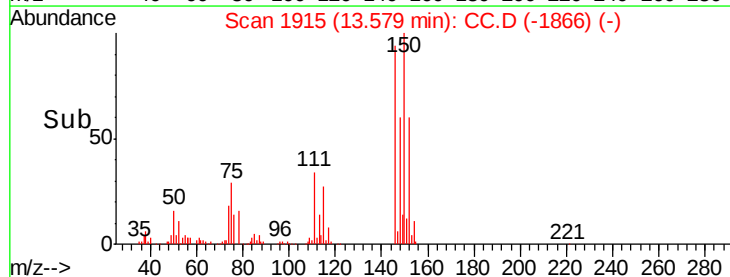
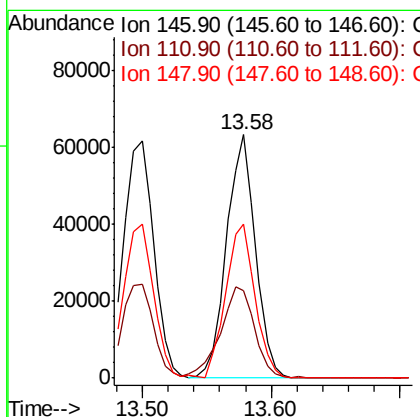
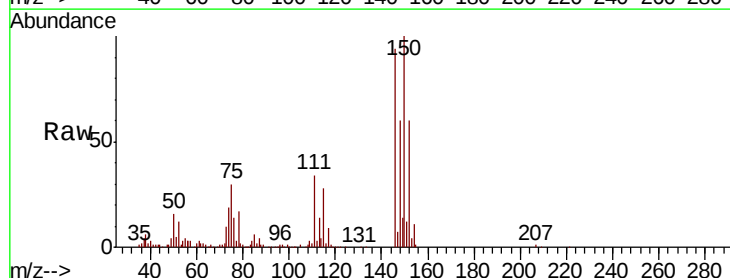
Instrument :
 MSVOA_W
 ClientSampleId :

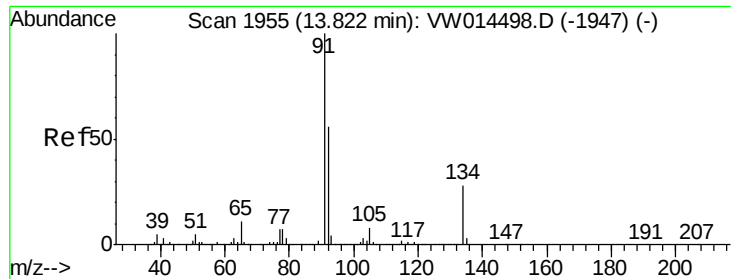
Tot Ion:146 Resp: 100482
 Ion Ratio Lower Upper
 146 100
 111 40.5 19.3 57.9
 148 64.0 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 5.080 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: CC.D
 Acq: 03 Jan 2020 13:03

Tgt Ion:146 Resp: 99603
 Ion Ratio Lower Upper
 146 100
 111 44.6 18.7 56.1
 148 64.3 31.7 95.1





#89

n-Butylbenzene

Concen: 4.911 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. 0.00 min

Lab File: CC.D

Acq: 03 Jan 2020 13:03

Instrument :

MSVOA_W

ClientSampleId :

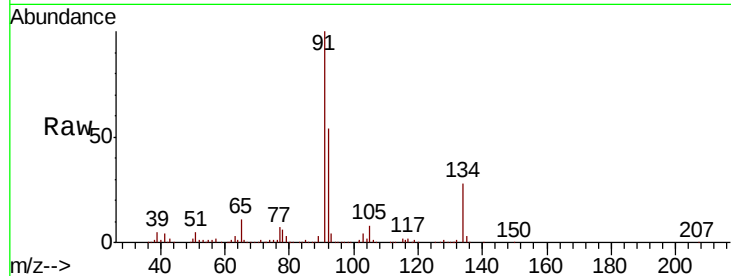
Tot Ion: 91 Resp: 180907

Ion Ratio Lower Upper

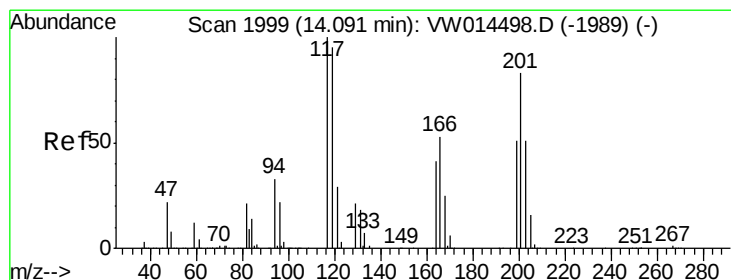
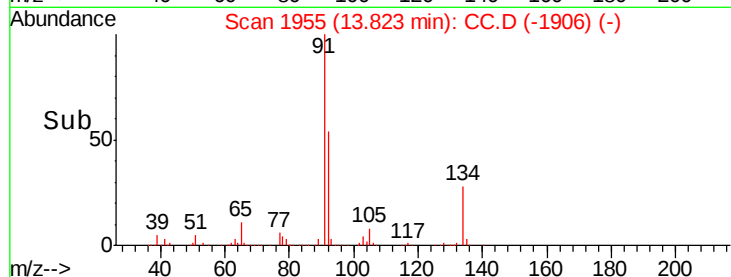
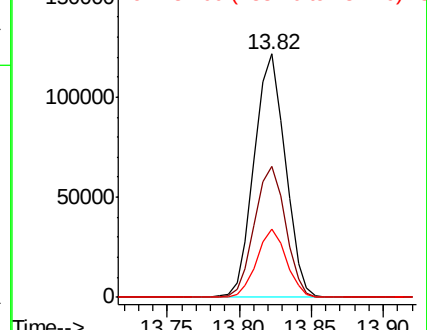
91 100

92 53.9 27.5 82.5

134 27.2 13.7 41.1



Abundance Ion 91.00 (90.70 to 91.70): CC.D
Ion 92.00 (91.70 to 92.70): CC.D
Ion 134.00 (133.70 to 134.70): CC.D



#90

Hexachloroethane

Concen: 4.961 ug/l

RT: 14.09 min Scan# 1999

Delta R.T. 0.00 min

Lab File: CC.D

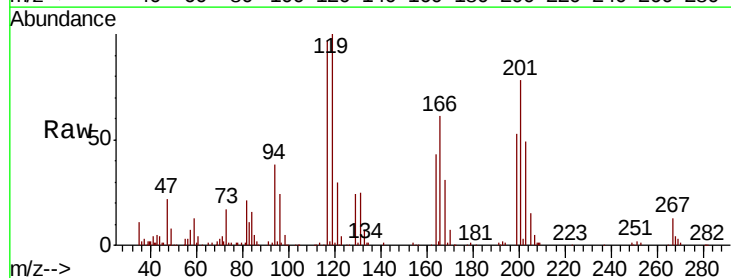
Acq: 03 Jan 2020 13:03

Tgt Ion: 117 Resp: 34983

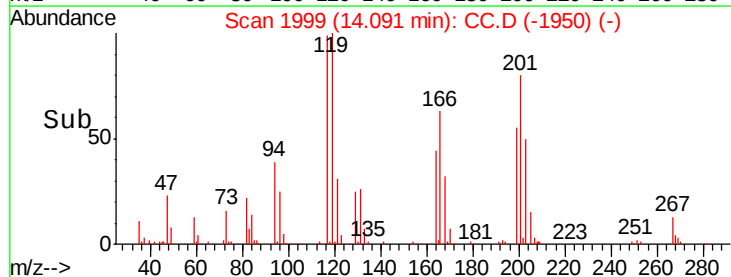
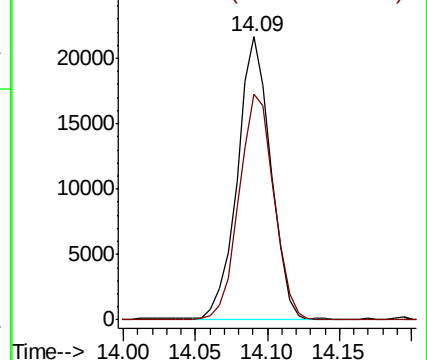
Ion Ratio Lower Upper

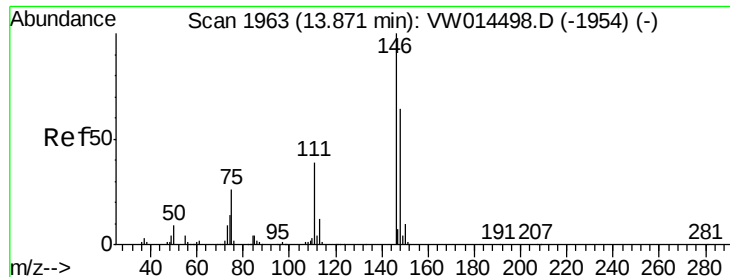
117 100

201 82.9 43.0 128.8



Abundance Ion 116.80 (116.50 to 117.50): CC.D
Ion 200.70 (200.40 to 201.40): CC.D





#91

1,2-Dichlorobenzene

Concen: 5.144 ug/l

RT: 13.87 min Scan# 1962

Delta R.T. -0.01 min

Lab File: CC.D

Acq: 03 Jan 2020 13:03

Instrument :

MSVOA_W

ClientSampleId :

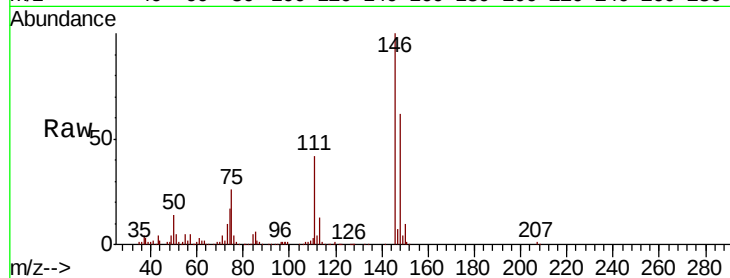
Tot Ion:146 Resp: 88191

Ion Ratio Lower Upper

146 100

111 41.1 20.4 61.3

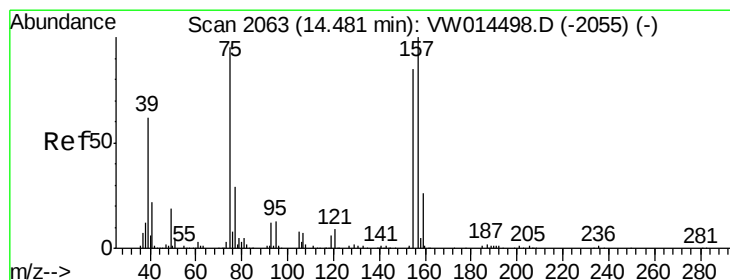
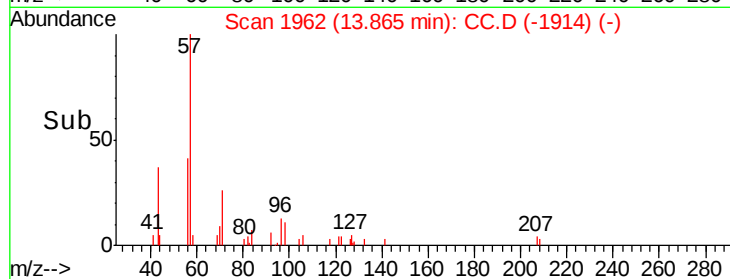
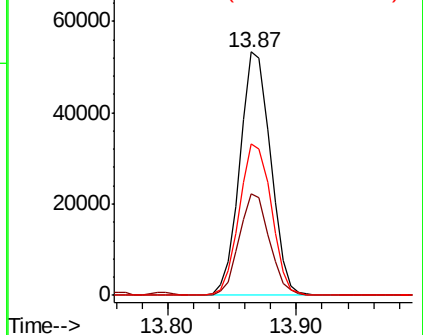
148 64.7 32.3 96.8



Abundance Ion 145.90 (145.60 to 146.60): C

Ion 110.90 (110.60 to 111.60): C

Ion 147.90 (147.60 to 148.60): C



#92

1,2-Dibromo-3-Chloropropane

Concen: 5.881 ug/l

RT: 14.48 min Scan# 2063

Delta R.T. 0.00 min

Lab File: CC.D

Acq: 03 Jan 2020 13:03

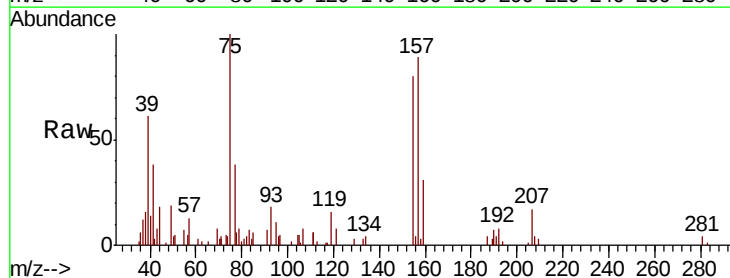
Tgt Ion: 75 Resp: 6342

Ion Ratio Lower Upper

75 100

155 82.0 45.8 137.4

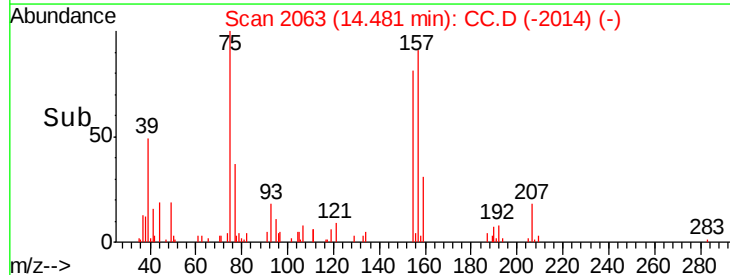
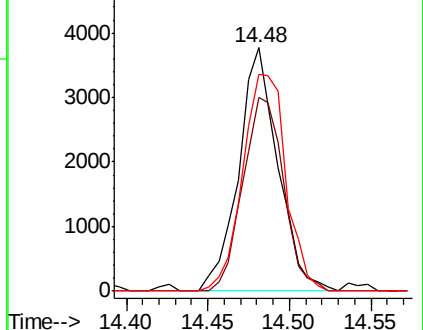
157 97.6 58.1 174.2

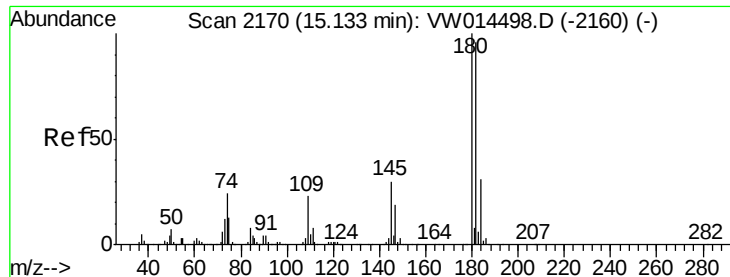


Abundance Ion 74.90 (74.60 to 75.60): CC.

Ion 154.80 (154.50 to 155.50): C

Ion 156.80 (156.50 to 157.50): C

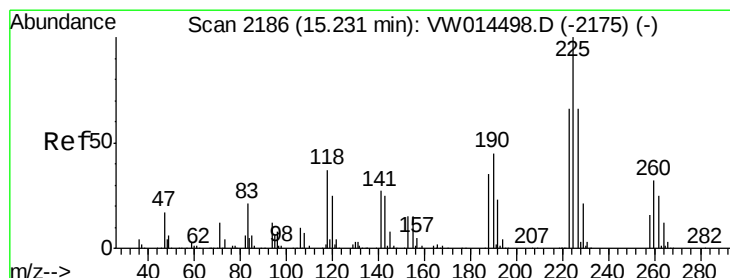
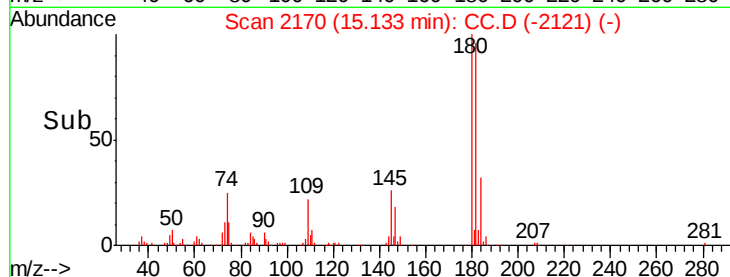
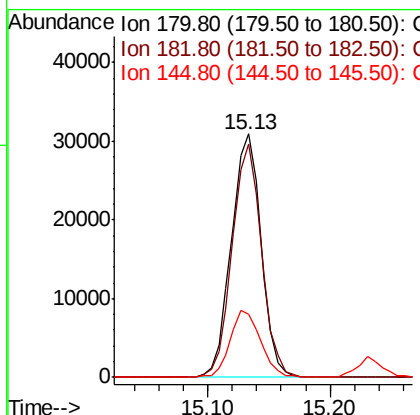
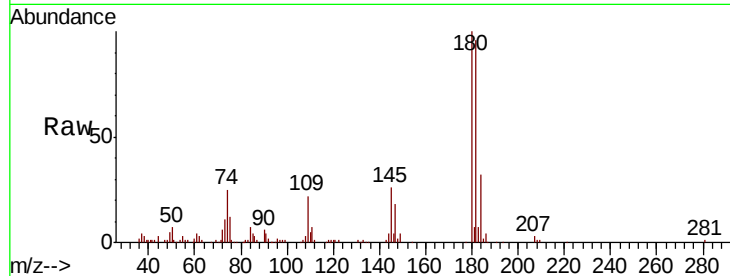




#93
 1,2,4-Trichlorobenzene
 Concen: 4.181 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: CC.D
 Acq: 03 Jan 2020 13:03

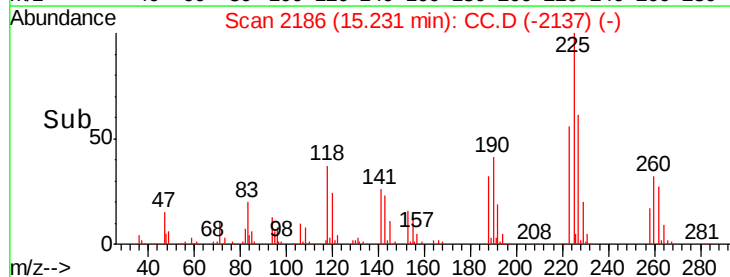
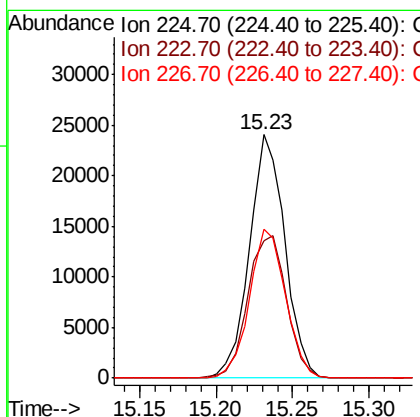
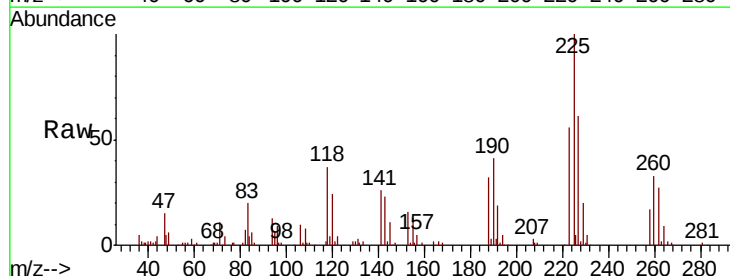
Instrument :
 MSVOA_W
 ClientSampleId :

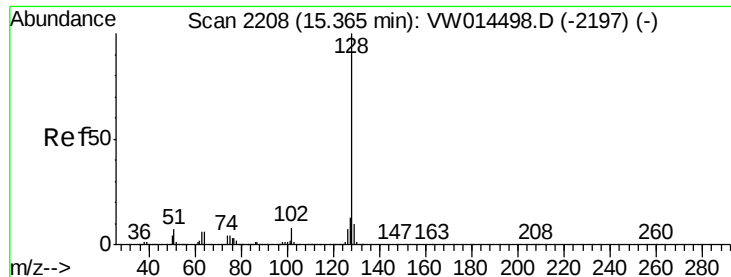
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.8	47.3	141.8
145	28.1	14.7	44.1



#94
 Hexachlorobutadiene
 Concen: 4.663 ug/l
 RT: 15.23 min Scan# 2186
 Delta R.T. 0.00 min
 Lab File: CC.D
 Acq: 03 Jan 2020 13:03

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.2	32.4	97.2
227	62.3	32.6	97.8

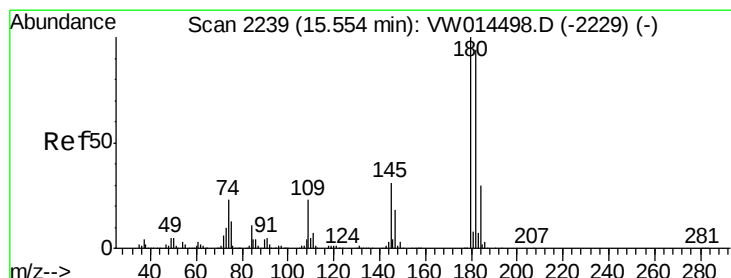
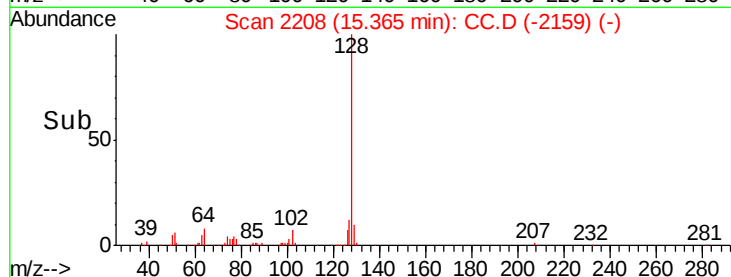
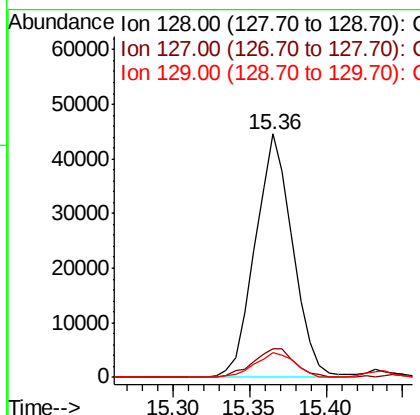
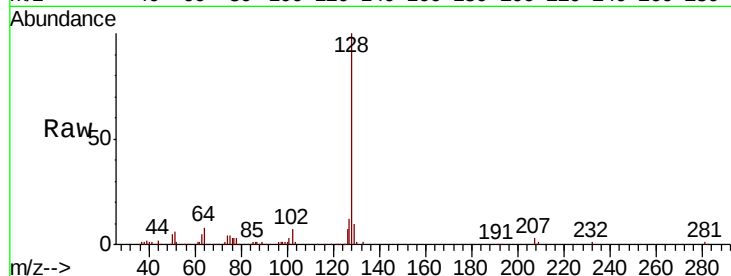




#95
Naphthalene
Concen: 3.802 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: CC.D
Acq: 03 Jan 2020 13:03

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:128 Resp: 75888
Ion Ratio Lower Upper
128 100
127 13.1 10.6 15.8
129 10.7 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 4.277 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. 0.00 min
Lab File: CC.D
Acq: 03 Jan 2020 13:03

Tgt Ion:180 Resp: 45866
Ion Ratio Lower Upper
180 100
182 94.8 47.4 142.2
145 32.5 15.5 46.5

