

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100119\
 Data File : CC.D
 Acq On : 01 Oct 2019 12:35
 Operator : SY/VA
 Sample : VSTDIC005
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Quant Time: Oct 01 15:04:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100119S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 01 15:01:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	370392	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	530816	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	454823	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	224886	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.30	65	14368	5.09	ug/l	0.00
Spiked Amount			Recovery	=	10.18%	
35) Dibromofluoromethane	7.88	113	14496	5.08	ug/l	0.00
Spiked Amount			Recovery	=	10.16%	
50) Toluene-d8	10.32	98	61007	5.20	ug/l	0.00
Spiked Amount			Recovery	=	10.40%	
62) 4-Bromofluorobenzene	12.61	95	21082	5.41	ug/l	0.00
Spiked Amount			Recovery	=	10.82%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	6980	5.018	ug/l	97
3) Chloromethane	2.21	50	13486	5.129	ug/l	99
4) Vinyl Chloride	2.35	62	18254	5.223	ug/l #	88
5) Bromomethane	2.78	94	10811	5.031	ug/l	82
6) Chloroethane	2.92	64	10675	5.410	ug/l	97
7) Trichlorofluoromethane	3.26	101	7500	4.919	ug/l	92
8) Diethyl Ether	3.68	74	8146	4.771	ug/l	87
9) 1,1,2-Trichlorotrifluoroet	4.06	101	17453	5.191	ug/l	96
10) Methyl Iodide	4.27	142	26420	4.944	ug/l	100
11) Tert butyl alcohol	5.13	59	7027	11.914	ug/l #	75
12) 1,1-Dichloroethene	4.04	96	17449	4.952	ug/l	82
13) Acrolein	3.89	56	1837	7.589	ug/l #	82
14) Allyl chloride	4.67	41	25640	4.977	ug/l	98
15) Acrylonitrile	5.37	53	17527	22.352	ug/l	95
16) Acetone	4.12	43	25320	27.756	ug/l	89
17) Carbon Disulfide	4.38	76	46200	4.772	ug/l	98
18) Methyl Acetate	4.67	43	10743	5.187	ug/l	91
19) Methyl tert-butyl Ether	5.42	73	25244	4.880	ug/l	100
20) Methylene Chloride	4.90	84	25389	5.542	ug/l	89
21) trans-1,2-Dichloroethene	5.42	96	18208	4.891	ug/l	99
22) Diisopropyl ether	6.31	45	47966	4.824	ug/l #	92
23) Vinyl Acetate	6.26	43	123595	20.777	ug/l	100
24) 1,1-Dichloroethane	6.20	63	29482	4.798	ug/l	96
25) 2-Butanone	7.18	43	25369	22.107	ug/l	96
26) 2,2-Dichloropropane	7.16	77	23400	5.546	ug/l	93
27) cis-1,2-Dichloroethene	7.17	96	18737	4.783	ug/l	87
28) Bromochloromethane	7.51	49	10401	4.923	ug/l #	95
29) Tetrahydrofuran	7.53	42	13298	20.013	ug/l	100
30) Chloroform	7.68	83	31121	5.174	ug/l	96
31) Cyclohexane	7.95	56	36014	5.347	ug/l #	80
32) 1,1,1-Trichloroethane	7.87	97	22840	4.853	ug/l	98
36) 1,1-Dichloropropene	8.08	75	25379	4.939	ug/l	98
37) Ethyl Acetate	7.24	43	11735	4.527	ug/l	97
38) Carbon Tetrachloride	8.06	117	20866	4.745	ug/l	94

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 Misc : 5.00G/5ML/MSVOA W/SOIL
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Instrument :
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 ClientSampleId :
 VSTDIC005

Quant Time: Oct 01 15:04:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100119S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 01 15:01:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	33438	4.960	ug/l	96
40) Benzene	8.32	78	71847	4.946	ug/l	98
41) Methacrylonitrile	7.49	41	5678	2.035	ug/l	94
42) 1,2-Dichloroethane	8.40	62	18023	4.896	ug/l	98
43) Isopropyl Acetate	8.42	43	18042	4.241	ug/l	97
44) Trichloroethene	9.09	130	19262	4.701	ug/l	96
45) 1,2-Dichloropropane	9.37	63	16609	4.835	ug/l	97
46) Dibromomethane	9.46	93	7903	4.581	ug/l	96
47) Bromodichloromethane	9.64	83	19599	4.693	ug/l	96
48) Methyl methacrylate	9.43	41	8317	4.186	ug/l	97
49) 1,4-Dioxane	9.46	88	2302	74.735	ug/l #	75
51) 4-Methyl-2-Pentanone	10.21	43	50207	21.901	ug/l	98
52) Toluene	10.38	92	45151	4.870	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	19561	4.631	ug/l	96
54) cis-1,3-Dichloropropene	10.07	75	24361	4.697	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	12006	4.680	ug/l	94
56) Ethyl methacrylate	10.65	69	14318	4.241	ug/l	96
57) 1,3-Dichloropropane	10.93	76	20700	4.587	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	29606	21.258	ug/l	99
59) 2-Hexanone	10.97	43	30374	19.856	ug/l	96
60) Dibromochloromethane	11.13	129	12897	4.540	ug/l	99
61) 1,2-Dibromoethane	11.24	107	11484	4.591	ug/l	99
64) Tetrachloroethene	10.86	164	17843	4.910	ug/l	94
65) Chlorobenzene	11.66	112	47363	4.859	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	15456	4.787	ug/l	96
67) Ethyl Benzene	11.73	91	83586	4.798	ug/l	98
68) m/p-Xylenes	11.83	106	64392	9.547	ug/l	98
69) o-Xylene	12.16	106	30272	4.926	ug/l	99
70) Styrene	12.18	104	50225	4.759	ug/l	99
71) Bromoform	12.35	173	7702	4.384	ug/l #	100
73) Isopropylbenzene	12.46	105	84264	4.977	ug/l	100
74) N-amyl acetate	12.27	43	14879	4.074	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.71	83	13098	4.510	ug/l	99
76) 1,2,3-Trichloropropane	12.76	75	16014	7.875	ug/l #	100
77) Bromobenzene	12.74	156	20518	5.091	ug/l	91
78) n-propylbenzene	12.80	91	95344	4.916	ug/l	98
79) 2-Chlorotoluene	12.89	91	51874	4.733	ug/l	97
80) 1,3,5-Trimethylbenzene	12.94	105	69996	4.911	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	3246	3.723	ug/l #	81
82) 4-Chlorotoluene	12.99	91	56346	4.990	ug/l	96
83) tert-Butylbenzene	13.21	119	59317	4.733	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	72066	5.099	ug/l	99
85) sec-Butylbenzene	13.38	105	81574	4.718	ug/l	100
86) p-Isopropyltoluene	13.50	119	73928	4.610	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	39137	5.016	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	40035	5.159	ug/l	96
89) n-Butylbenzene	13.82	91	67488	4.665	ug/l	98
90) Hexachloroethane	14.09	117	11830	4.512	ug/l	95
91) 1,2-Dichlorobenzene	13.87	146	35345	5.156	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.48	75	1793	4.017	ug/l	97

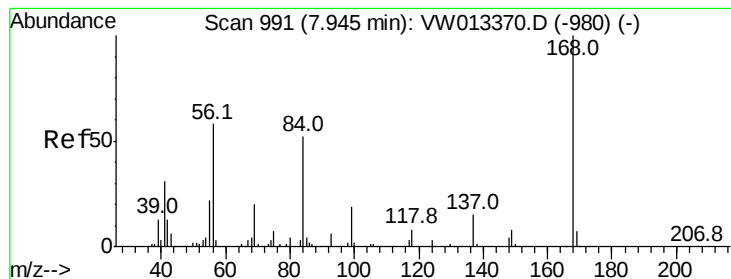
Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100119\
Data File : CC.D
Acq On : 01 Oct 2019 12:35
Operator : SY/VA
Sample : VSTDICC005
Misc : 5.00G/5ML/MSVOA W/SOIL
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MSVOA_W
ClientSampleId :
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Quant Time: Oct 01 15:04:08 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100119S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 01 15:01:35 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	22828	4.769	ug/l	92
94) Hexachlorobutadiene	15.24	225	15972	4.952	ug/l	98
95) Naphthalene	15.37	128	35308	4.490	ug/l	96
96) 1,2,3-Trichlorobenzene	15.55	180	20732	4.952	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: CC.D

Acq: 01 Oct 2019 12:35

Instrument :

MSVOA_W

ClientSampleId :

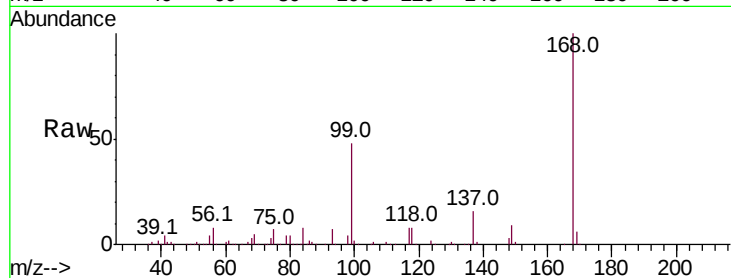
VSTDIC005

Tot Ion:168 Resp: 370392

Ion Ratio Lower Upper

168 100

99 47.6 38.7 58.1



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

Ion 98.90 (98.60 to 99.60): CC.D

7.95

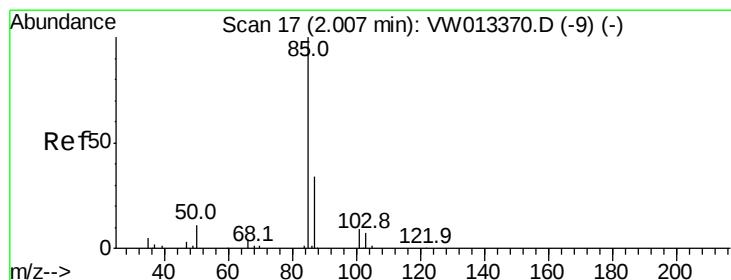
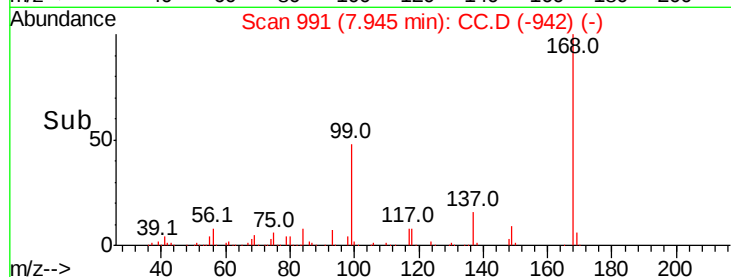
150000

100000

50000

0

Time--> 7.80 7.90 8.00



#2

Dichlorodifluoromethane

Concen: 5.018 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.00 min

Lab File: CC.D

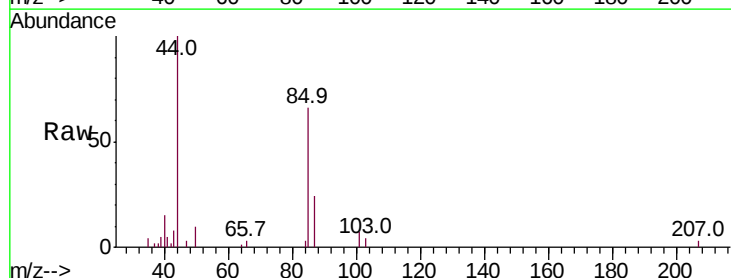
Acq: 01 Oct 2019 12:35

Tgt Ion: 85 Resp: 6980

Ion Ratio Lower Upper

85 100

87 36.1 17.3 51.7



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

Ion 86.90 (86.60 to 87.60): CC.D

2.01

2500

2000

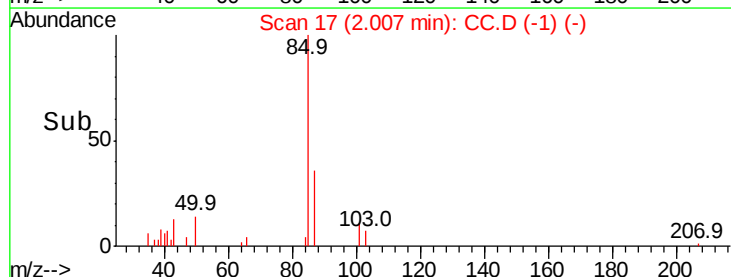
1500

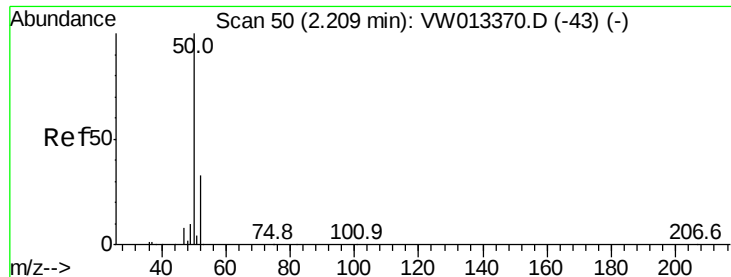
1000

500

0

Time--> 1.90 1.95 2.00 2.05 2.10





#3

Chloromethane

Concen: 5.129 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.00 min

Lab File: CC.D

Acq: 01 Oct 2019 12:35

Instrument :

MSVOA_W

ClientSampleId :

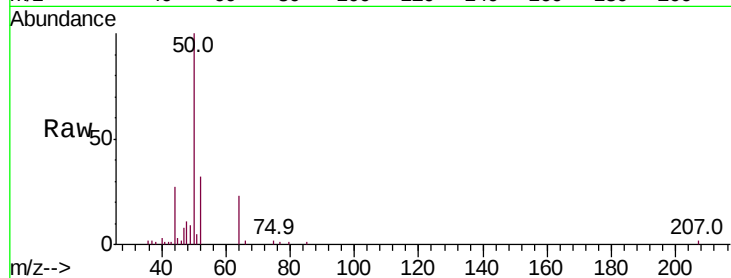
VSTDIC005

Tot Ion: 50 Resp: 13486

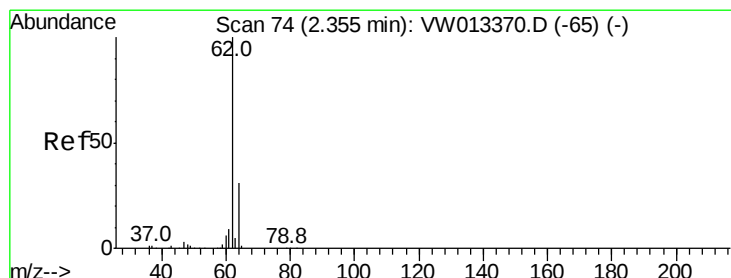
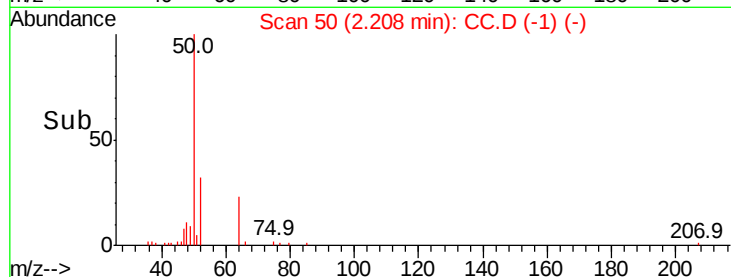
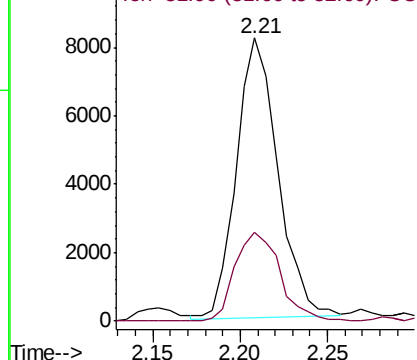
Ion Ratio Lower Upper

50 100

52 32.1 26.3 39.5



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



#4

Vinyl Chloride

Concen: 5.223 ug/l

RT: 2.35 min Scan# 74

Delta R.T. -0.00 min

Lab File: CC.D

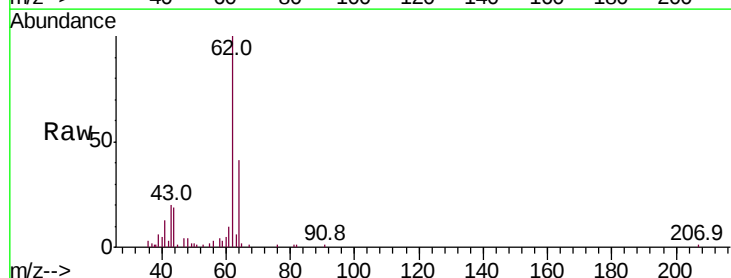
Acq: 01 Oct 2019 12:35

Tgt Ion: 62 Resp: 18254

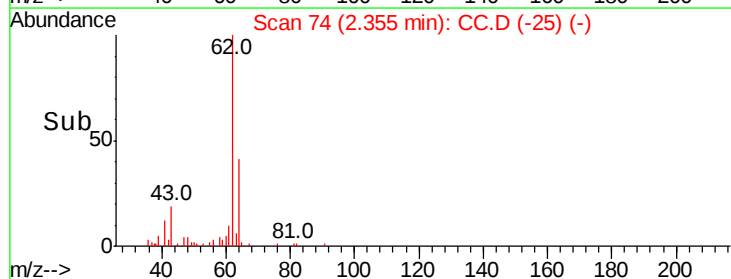
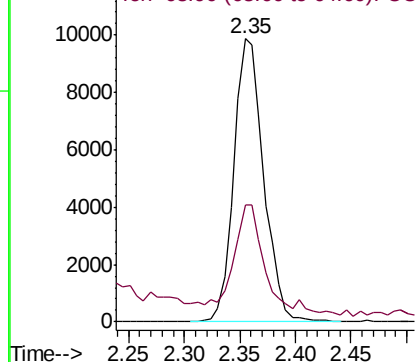
Ion Ratio Lower Upper

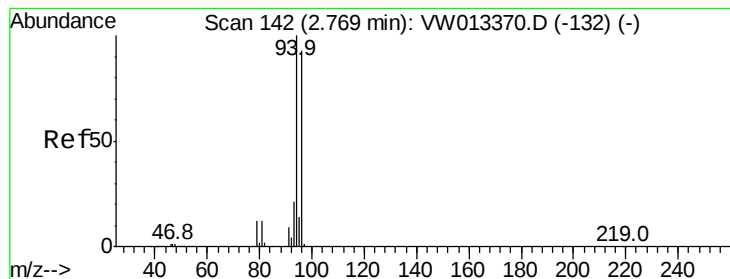
62 100

64 38.7 25.4 38.2#



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





#5

Bromomethane

Concen: 5.031 ug/l

RT: 2.78 min Scan# 143

Delta R.T. 0.01 min

Lab File: CC.D

Acq: 01 Oct 2019 12:35

Instrument :

MSVOA_W

ClientSampleId :

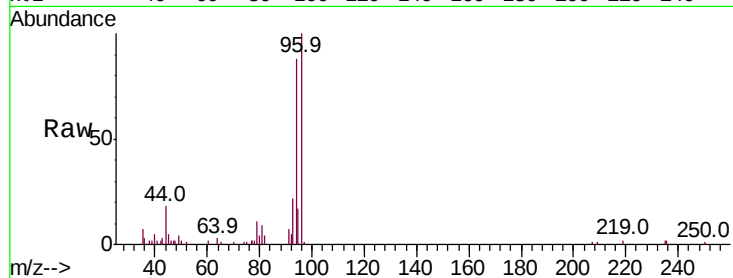
VSTDIC005

Tot Ion: 94 Resp: 10811

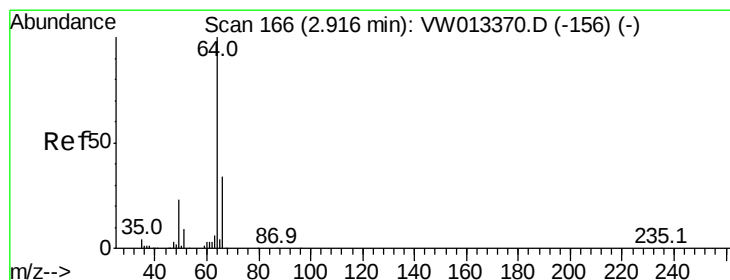
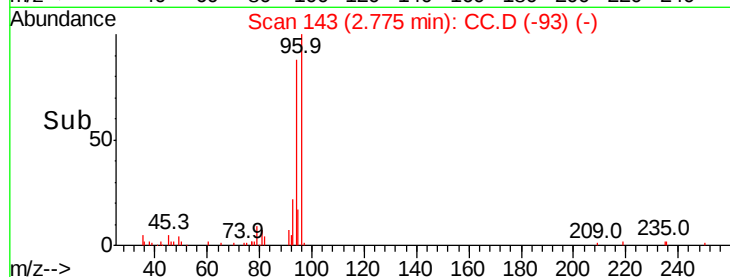
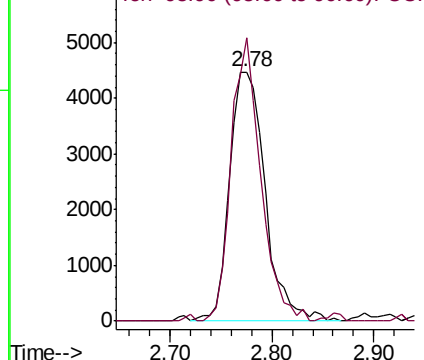
Ion Ratio Lower Upper

94 100

96 111.0 74.8 112.2



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



#6

Chloroethane

Concen: 5.410 ug/l

RT: 2.92 min Scan# 167

Delta R.T. 0.01 min

Lab File: CC.D

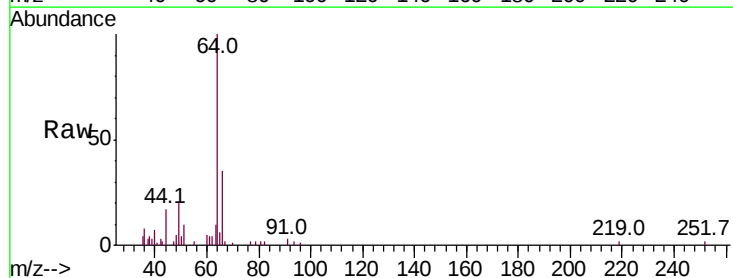
Acq: 01 Oct 2019 12:35

Tgt Ion: 64 Resp: 10675

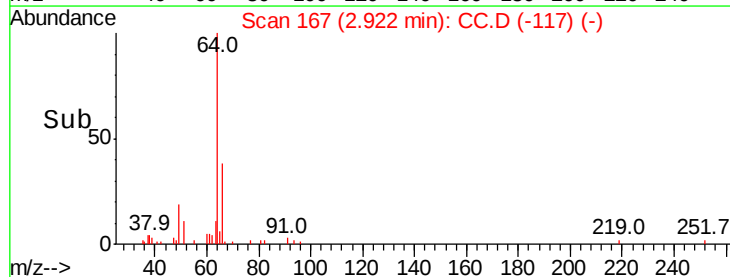
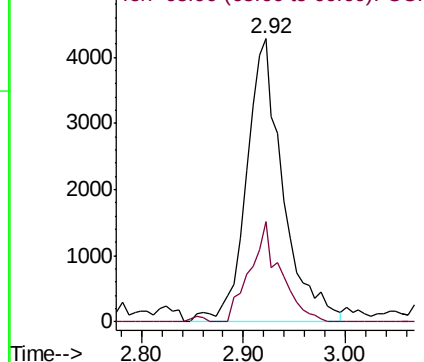
Ion Ratio Lower Upper

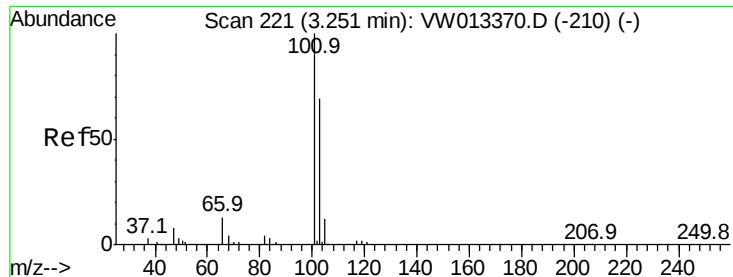
64 100

66 35.3 26.9 40.3



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



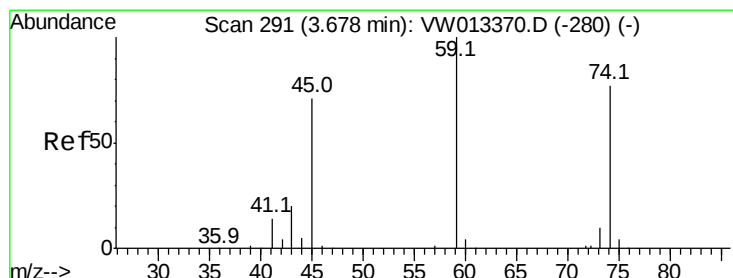
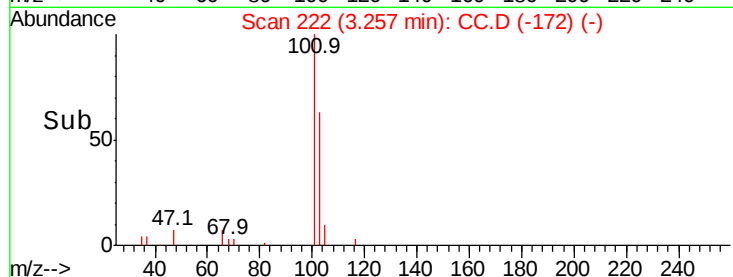
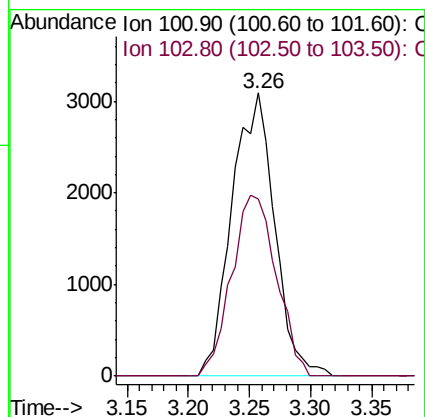
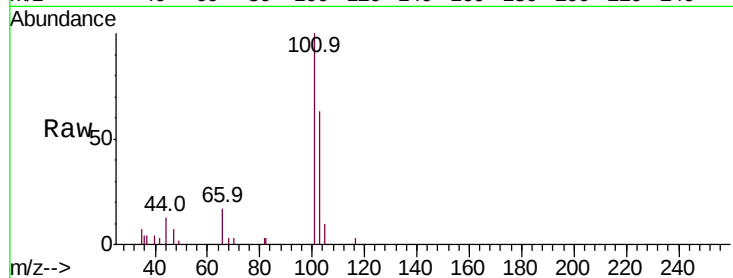


#7

Trichlorofluoromethane
Concen: 4.919 ug/l
RT: 3.26 min Scan# 222
Delta R.T. 0.01 min
Lab File: CC.D
Acq: 01 Oct 2019 12:35

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

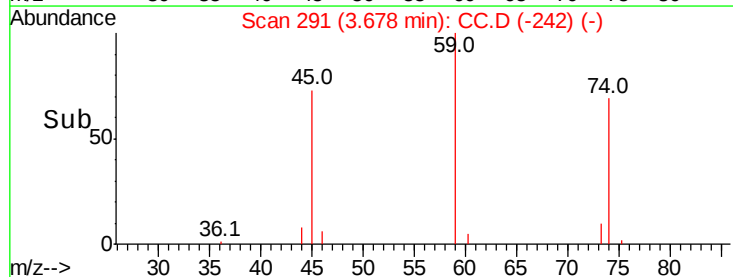
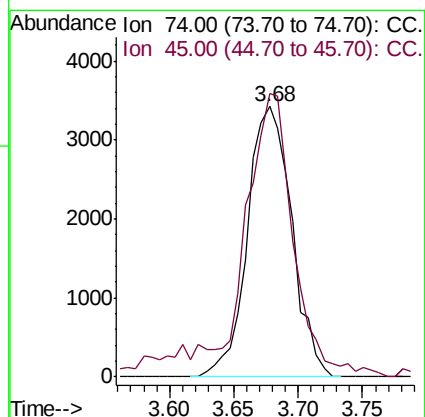
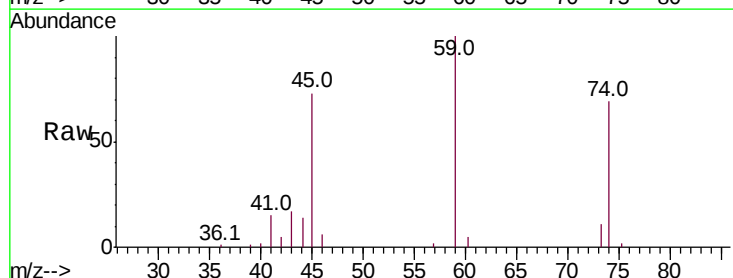
Tot Ion:101 Resp: 7500
Ion Ratio Lower Upper
101 100
103 62.7 55.3 82.9

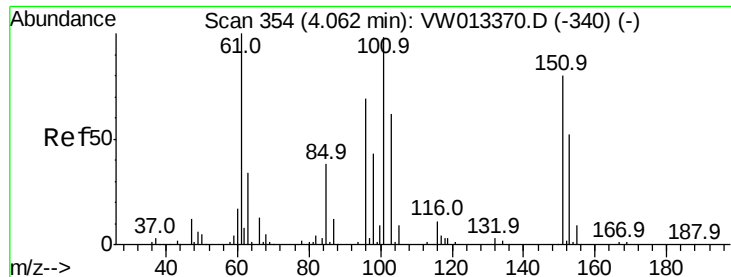


#8

Diethyl Ether
Concen: 4.771 ug/l
RT: 3.68 min Scan# 291
Delta R.T. -0.00 min
Lab File: CC.D
Acq: 01 Oct 2019 12:35

Tgt Ion: 74 Resp: 8146
Ion Ratio Lower Upper
74 100
45 109.3 48.0 144.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.191 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.00 min

Lab File: CC.D

Acq: 01 Oct 2019 12:35

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

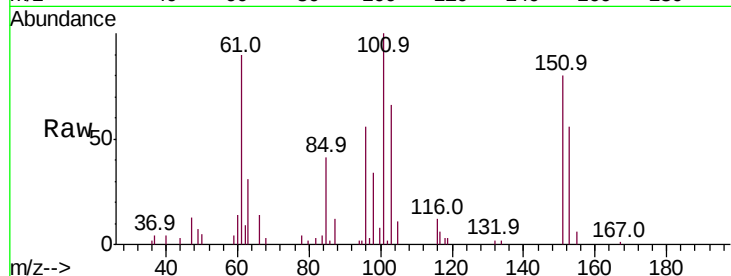
Tot Ion:101 Resp: 17453

Ion Ratio Lower Upper

101 100

85 40.6 31.9 47.9

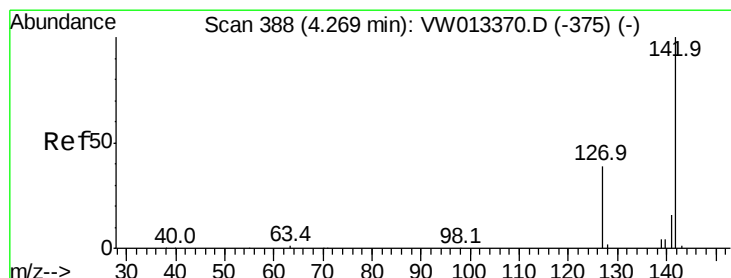
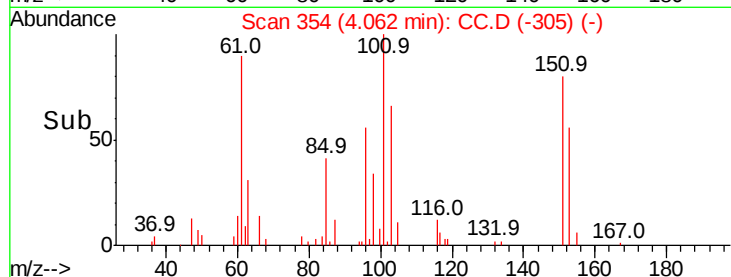
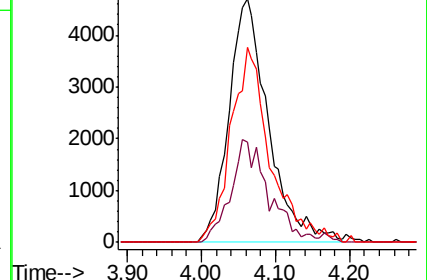
151 79.3 67.0 100.6



Abundance Ion 100.90 (100.60 to 101.60): C

Ion 84.90 (84.60 to 85.60): CC.

Ion 150.80 (150.50 to 151.50): C



#10

Methyl Iodide

Concen: 4.944 ug/l

RT: 4.27 min Scan# 388

Delta R.T. -0.00 min

Lab File: CC.D

Acq: 01 Oct 2019 12:35

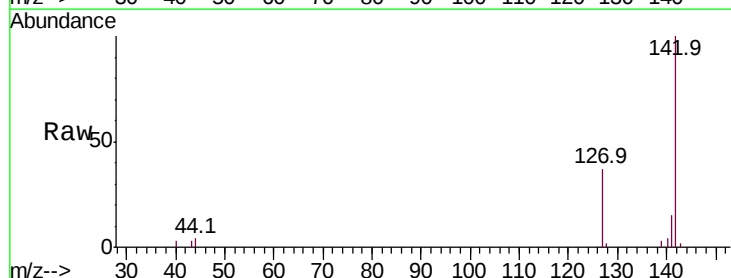
Tgt Ion:142 Resp: 26420

Ion Ratio Lower Upper

142 100

127 37.4 30.1 45.1

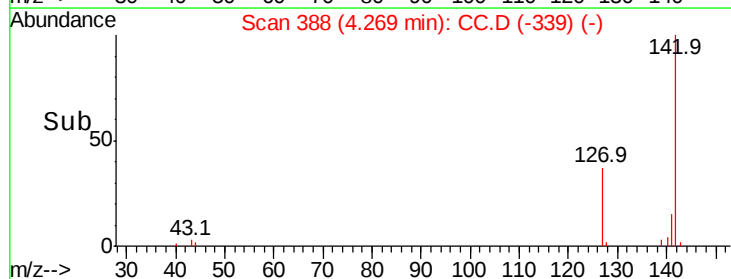
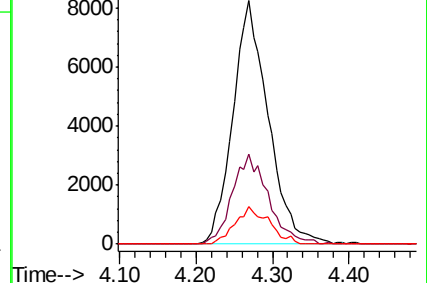
141 14.6 11.7 17.5

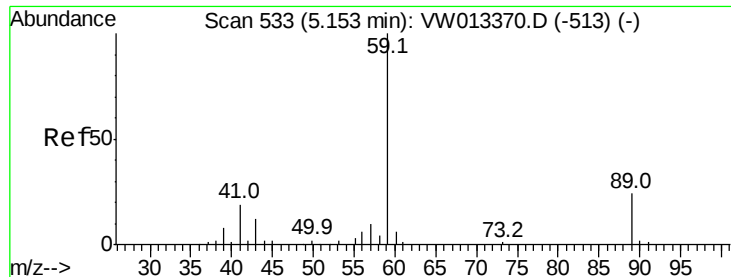


Abundance Ion 141.80 (141.50 to 142.50): C

Ion 126.80 (126.50 to 127.50): C

Ion 140.80 (140.50 to 141.50): C

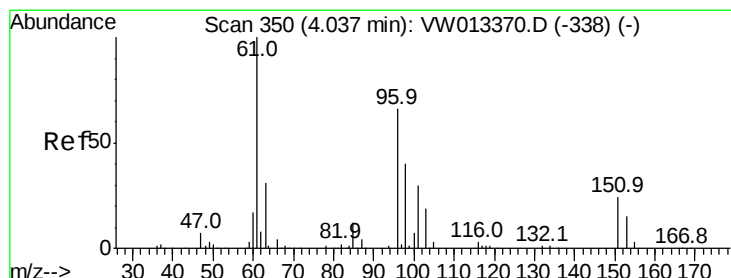
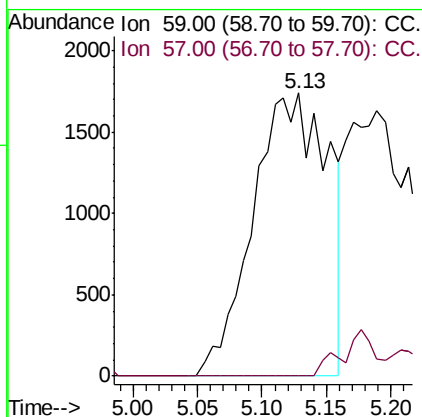
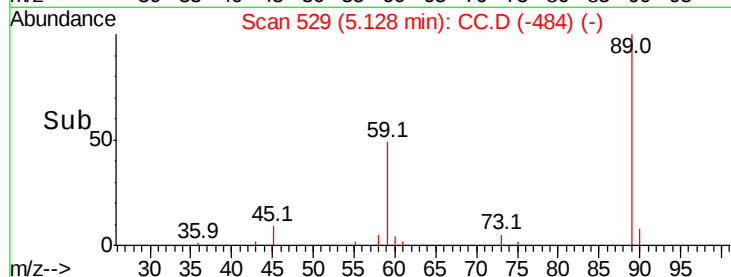
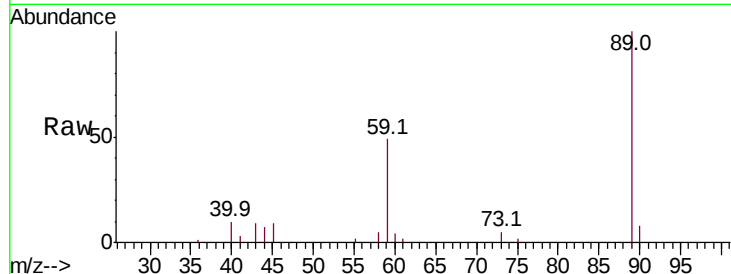




#11
Tert butyl alcohol
Concen: 11.914 ug/l
RT: 5.13 min Scan# 529
Delta R.T. -0.02 min
Lab File: CC.D
Acq: 01 Oct 2019 12:35

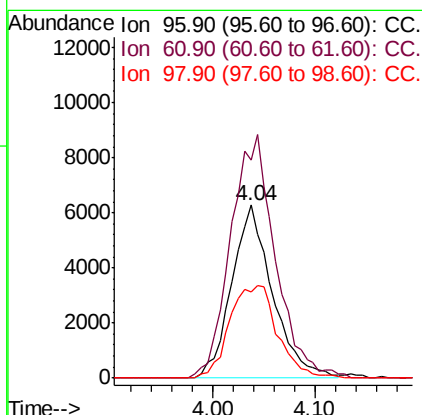
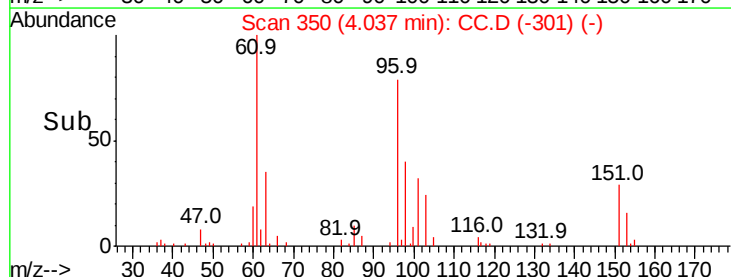
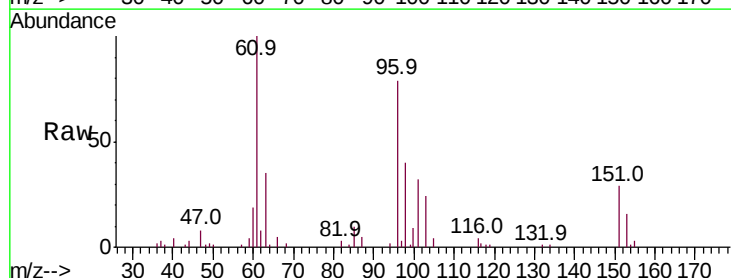
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

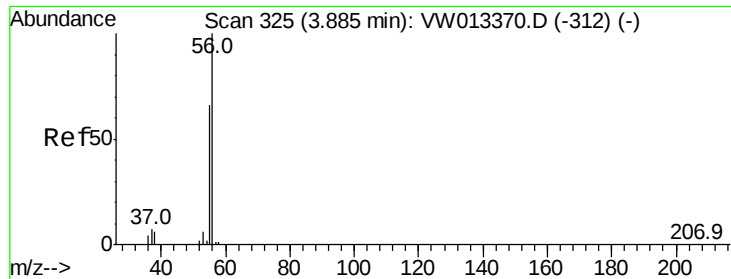
Tot Ion: 59 Resp: 7027
Ion Ratio Lower Upper
59 100
57 0.0 7.1 10.7#



#12
1,1-Dichloroethene
Concen: 4.952 ug/l
RT: 4.04 min Scan# 350
Delta R.T. -0.00 min
Lab File: CC.D
Acq: 01 Oct 2019 12:35

Tgt Ion: 96 Resp: 17449
Ion Ratio Lower Upper
96 100
61 126.1 121.4 182.2
98 50.1 48.9 73.3





#13

Acrolein

Concen: 7.589 ug/l

RT: 3.89 min Scan# 326

Delta R.T. 0.01 min

Lab File: CC.D

Acq: 01 Oct 2019 12:35

Instrument :

MSVOA_W

ClientSampleId :

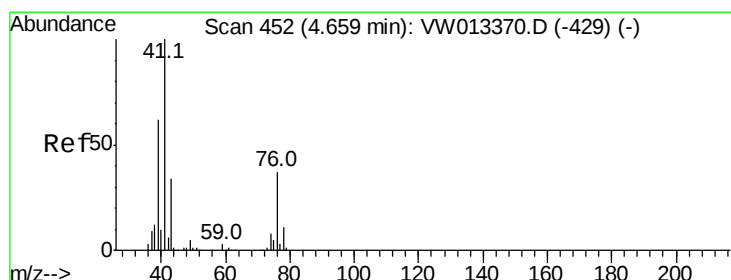
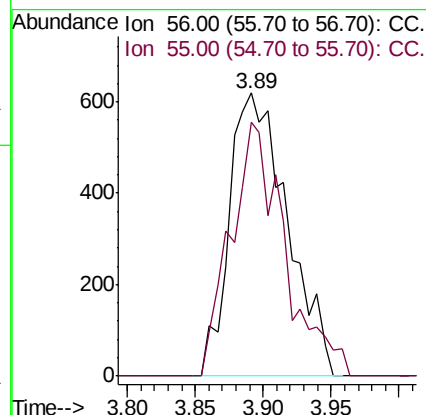
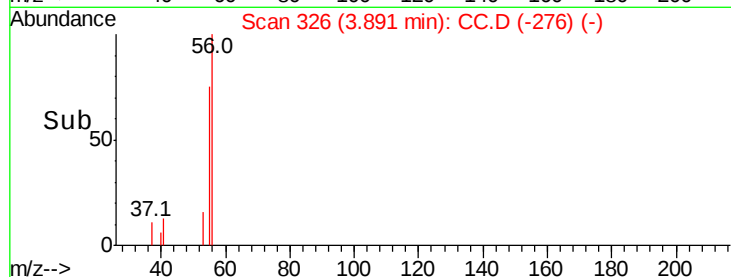
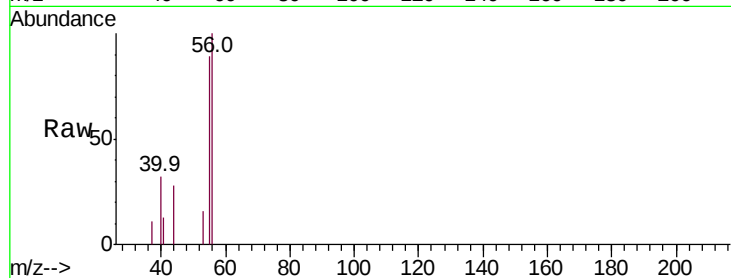
VSTDIC005

Tot Ion: 56 Resp: 1837

Ion Ratio Lower Upper

56 100

55 83.9 55.3 82.9#



#14

Allyl chloride

Concen: 4.977 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.01 min

Lab File: CC.D

Acq: 01 Oct 2019 12:35

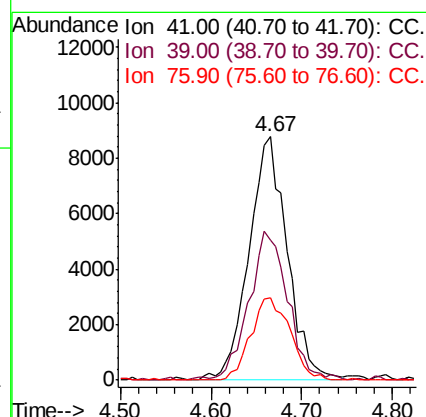
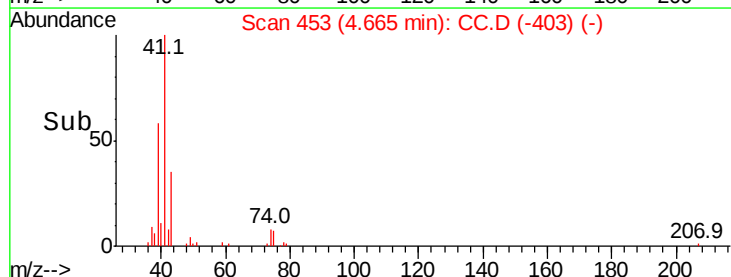
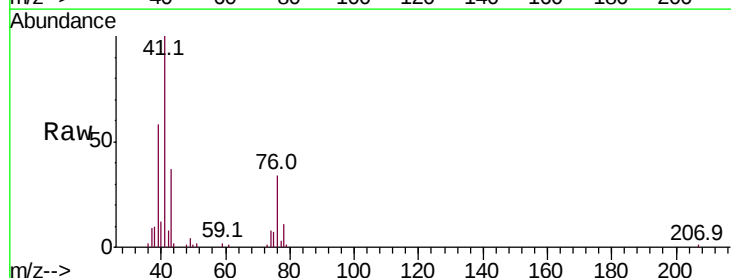
Tgt Ion: 41 Resp: 25640

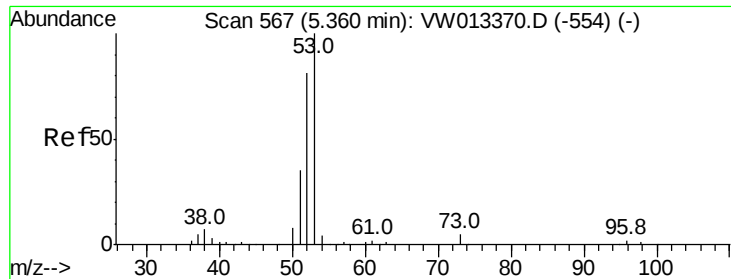
Ion Ratio Lower Upper

41 100

39 62.4 49.4 74.0

76 34.6 29.1 43.7





#15

Acrylonitrile

Concen: 22.352 ug/l

RT: 5.37 min Scan# 568

Delta R.T. 0.01 min

Lab File: CC.D

Acq: 01 Oct 2019 12:35

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

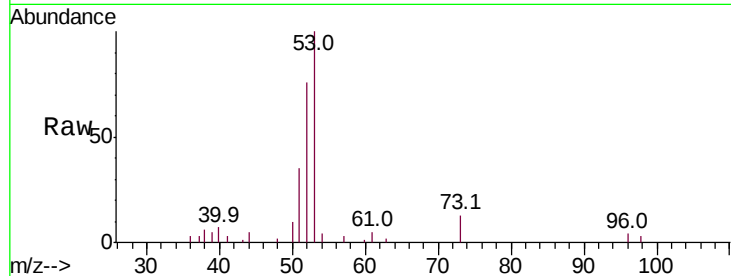
Tot Ion: 53 Resp: 17527

Ion Ratio Lower Upper

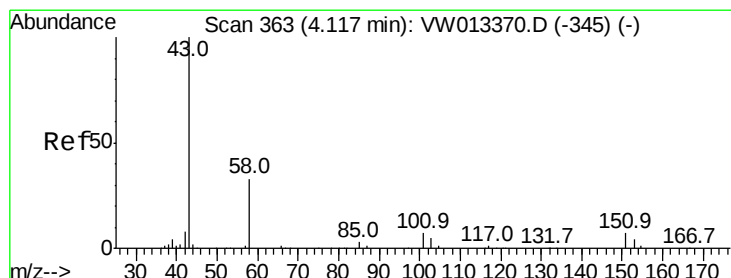
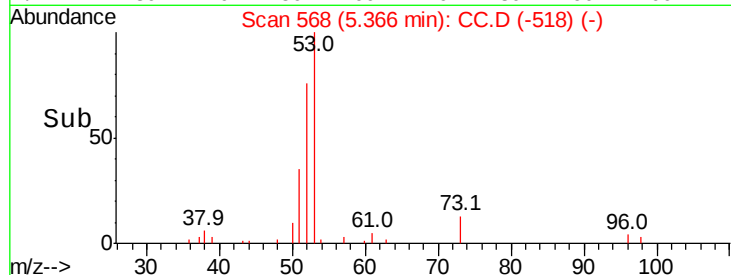
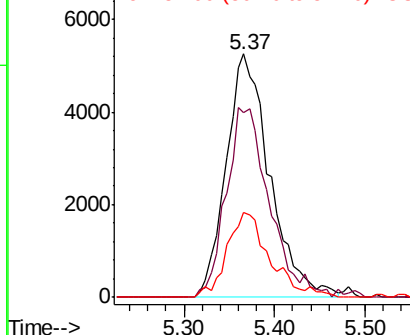
53 100

52 77.1 65.8 98.8

51 33.0 28.7 43.1



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: 27.756 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: CC.D

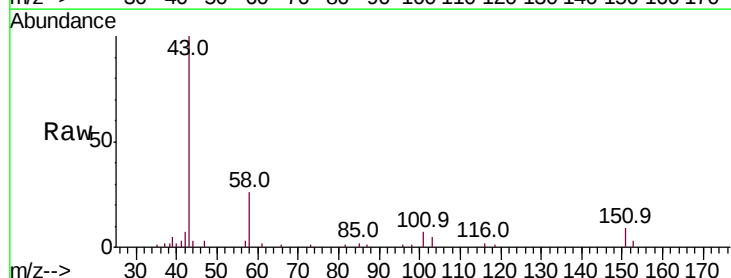
Acq: 01 Oct 2019 12:35

Tgt Ion: 43 Resp: 25320

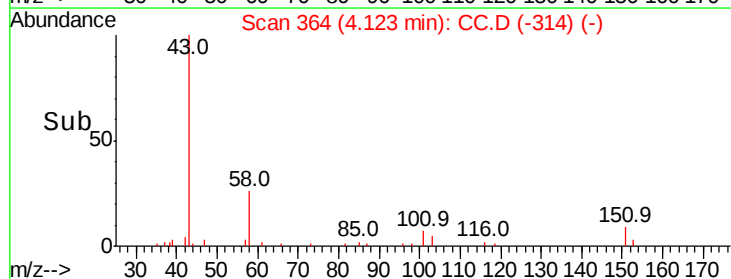
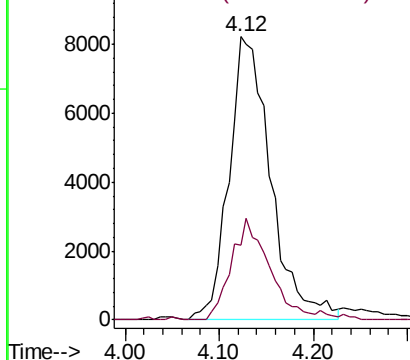
Ion Ratio Lower Upper

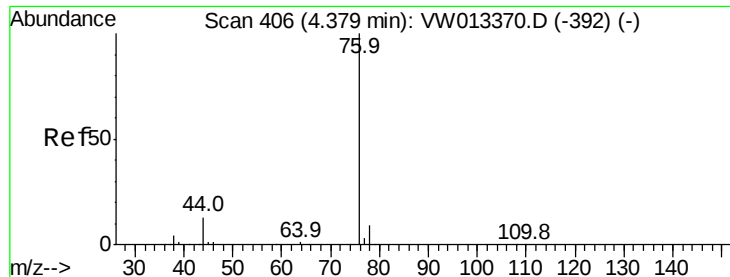
43 100

58 26.5 26.2 39.4



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

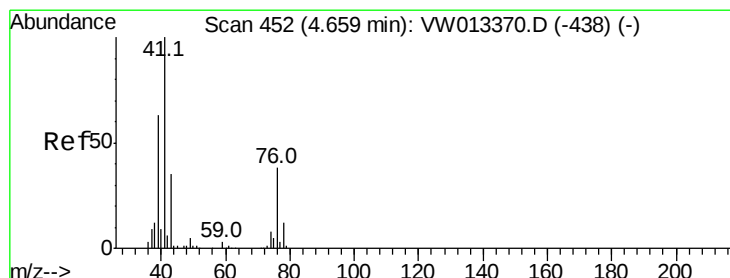
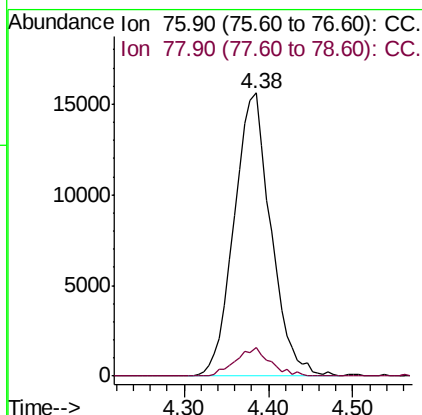
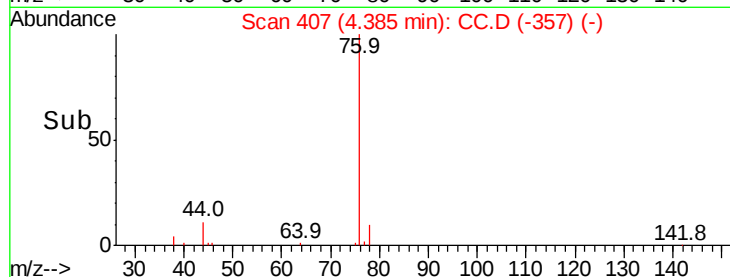
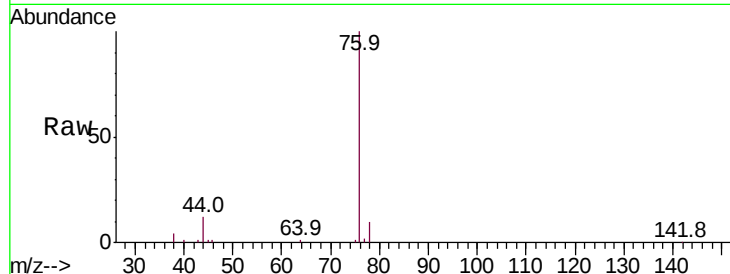




#17
Carbon Disulfide
Concen: 4.772 ug/l
RT: 4.38 min Scan# 407
Delta R.T. 0.01 min
Lab File: CC.D
Acq: 01 Oct 2019 12:35

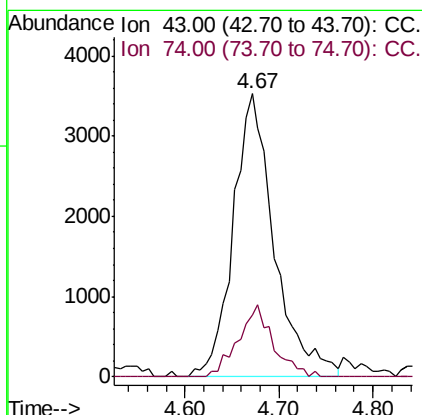
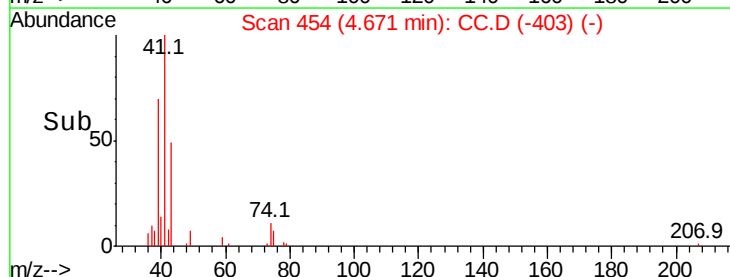
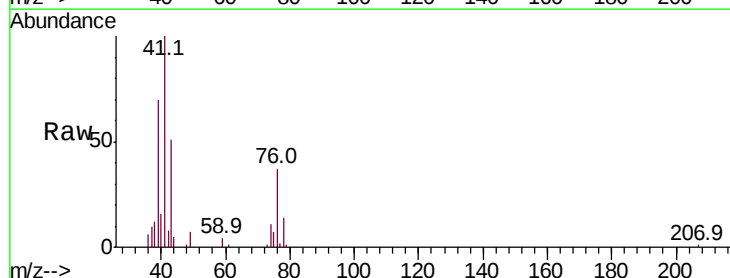
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

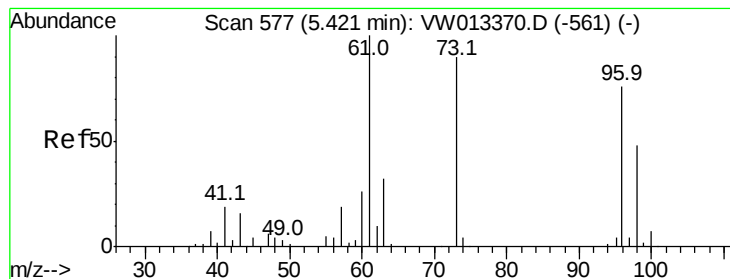
Tot Ion: 76 Resp: 46200
Ion Ratio Lower Upper
76 100
78 10.0 7.3 10.9



#18
Methyl Acetate
Concen: 5.187 ug/l
RT: 4.67 min Scan# 454
Delta R.T. 0.01 min
Lab File: CC.D
Acq: 01 Oct 2019 12:35

Tgt Ion: 43 Resp: 10743
Ion Ratio Lower Upper
43 100
74 21.7 20.8 31.2



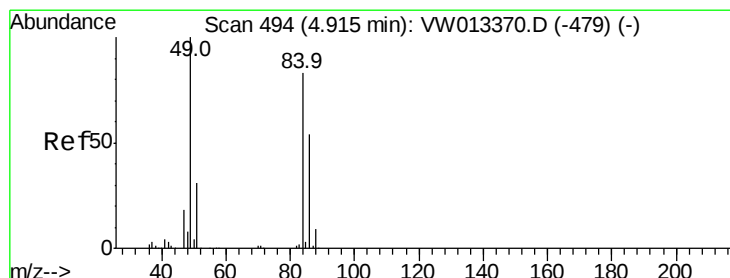
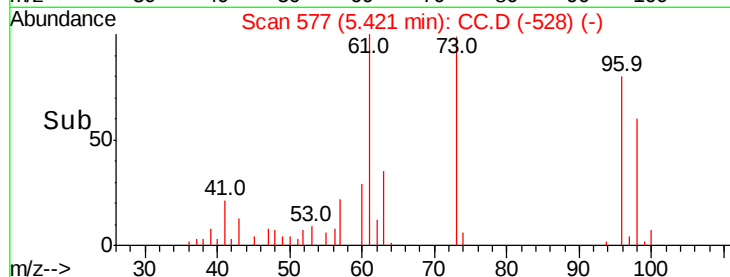
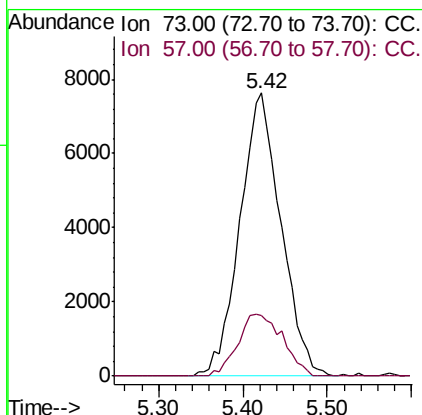
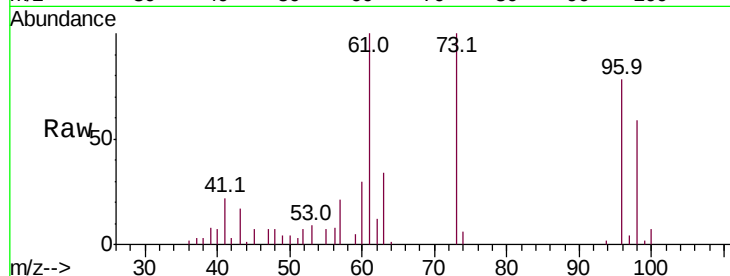


#19

Methyl tert-butyl Ether
 Concen: 4.880 ug/l
 RT: 5.42 min Scan# 577
 Delta R.T. -0.00 min
 Lab File: CC.D
 Acq: 01 Oct 2019 12:35

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

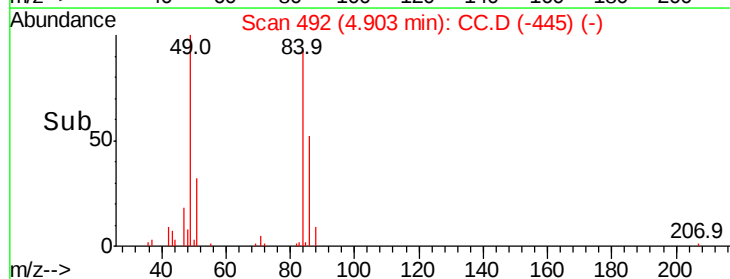
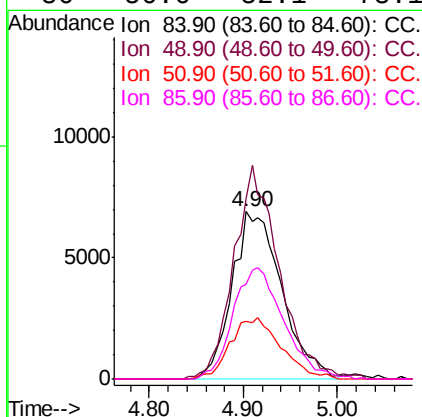
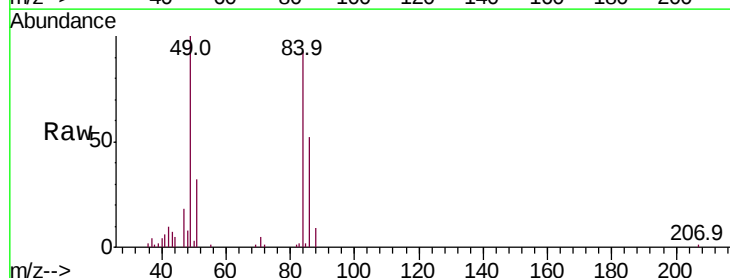
Tot Ion: 73 Resp: 25244
 Ion Ratio Lower Upper
 73 100
 57 21.5 17.1 25.7

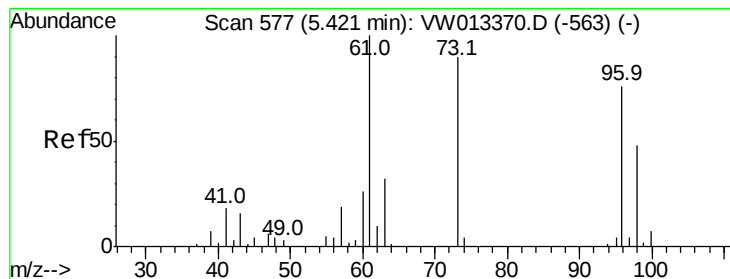


#20

Methylene Chloride
 Concen: 5.542 ug/l
 RT: 4.90 min Scan# 492
 Delta R.T. -0.01 min
 Lab File: CC.D
 Acq: 01 Oct 2019 12:35

Tgt Ion: 84 Resp: 25389
 Ion Ratio Lower Upper
 84 100
 49 106.4 96.3 144.5
 51 34.7 30.2 45.4
 86 56.6 52.1 78.1





#21

trans-1,2-Dichloroethene

Concen: 4.891 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: CC.D

Acq: 01 Oct 2019 12:35

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

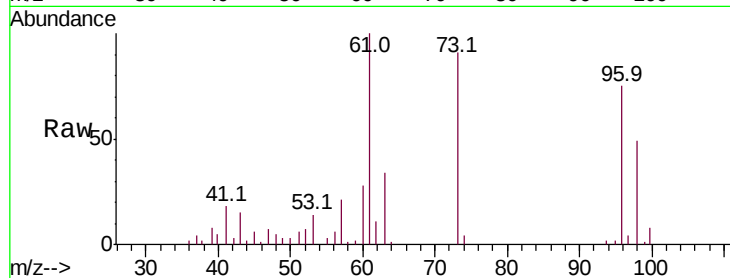
Tot Ion: 96 Resp: 18208

Ion Ratio Lower Upper

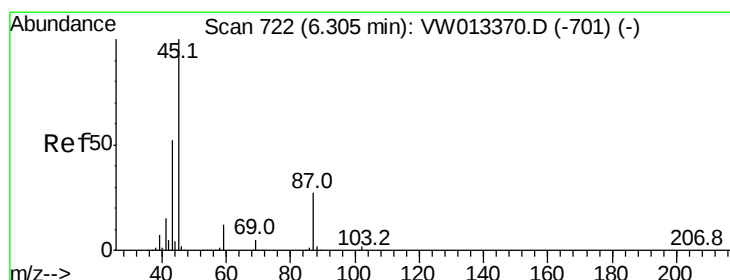
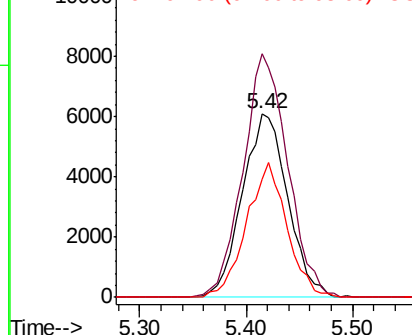
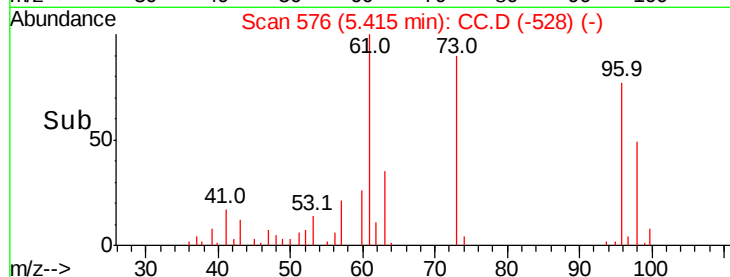
96 100

61 132.6 105.4 158.0

98 64.4 50.6 76.0



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: 4.824 ug/l

RT: 6.31 min Scan# 722

Delta R.T. -0.00 min

Lab File: CC.D

Acq: 01 Oct 2019 12:35

Tgt Ion: 45 Resp: 47966

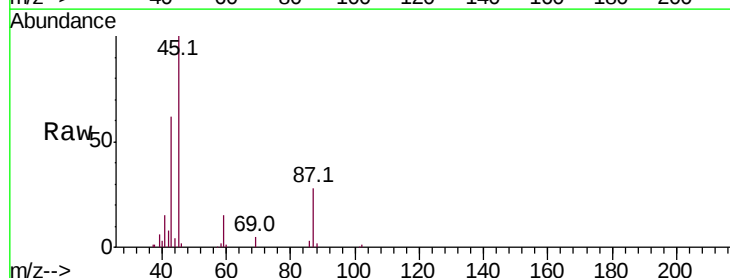
Ion Ratio Lower Upper

45 100

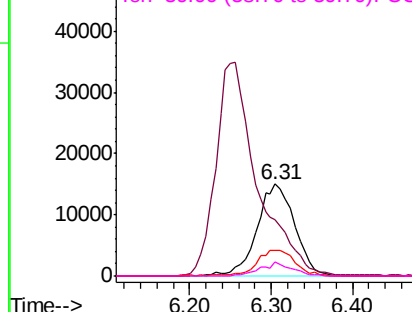
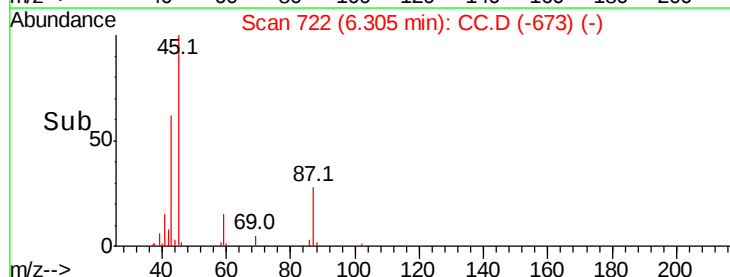
43 60.1 41.3 61.9

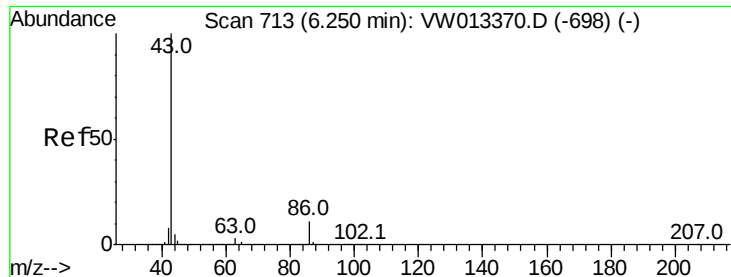
87 27.8 22.1 33.1

59 15.5 9.8 14.6#



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: 20.777 ug/l

RT: 6.26 min Scan# 714

Delta R.T. 0.01 min

Lab File: CC.D

Acq: 01 Oct 2019 12:35

Instrument :

MSVOA_W

ClientSampleId :

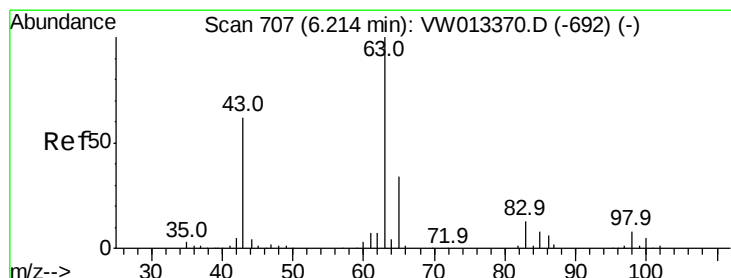
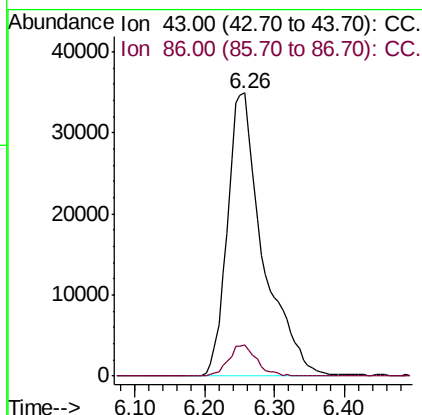
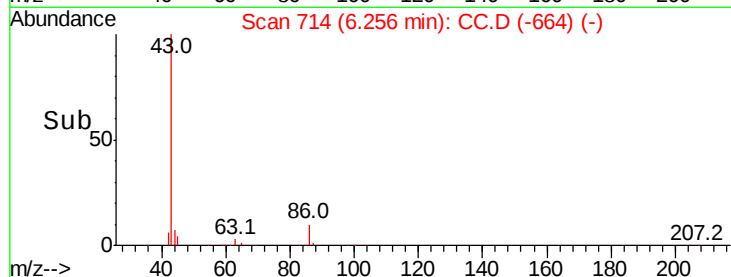
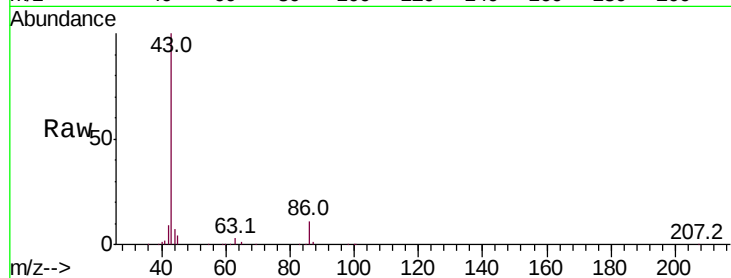
VSTDIC005

Tot Ion: 43 Resp: 123595

Ion Ratio Lower Upper

43 100

86 10.9 8.8 13.2



#24

1,1-Dichloroethane

Concen: 4.798 ug/l

RT: 6.20 min Scan# 705

Delta R.T. -0.01 min

Lab File: CC.D

Acq: 01 Oct 2019 12:35

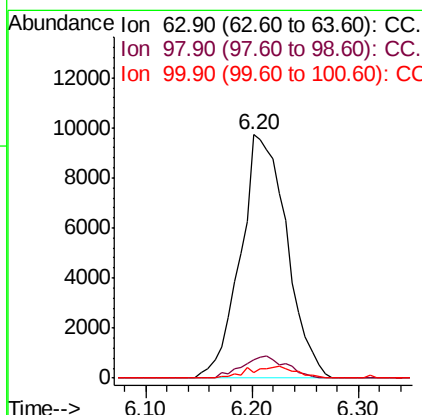
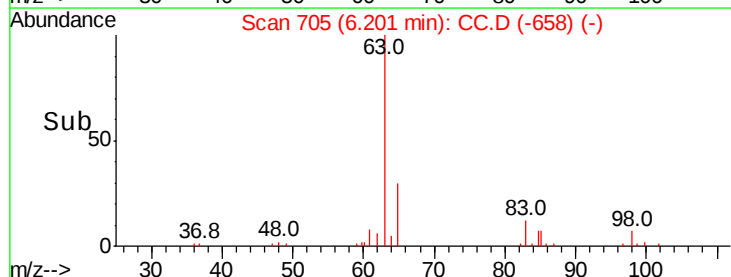
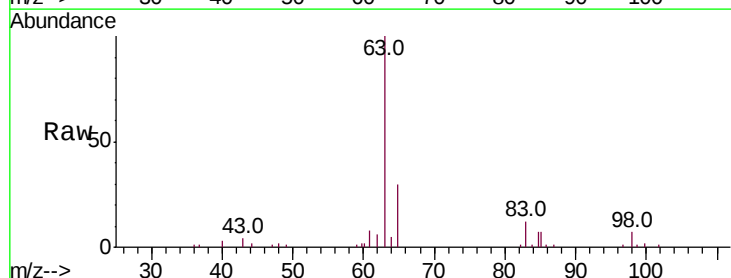
Tgt Ion: 63 Resp: 29482

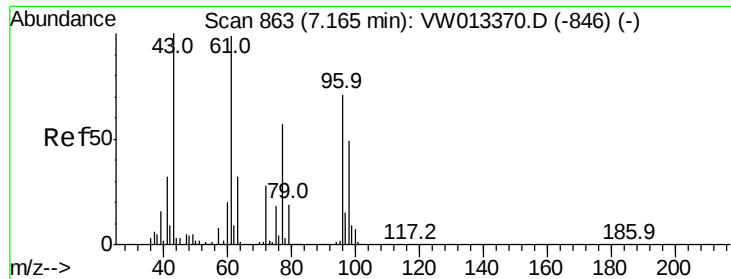
Ion Ratio Lower Upper

63 100

98 7.3 4.0 12.2

100 2.4 2.3 6.9





#25

2-Butanone

Concen: 22.107 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: CC.D

Acq: 01 Oct 2019 12:35

Instrument :

MSVOA_W

ClientSampleId :

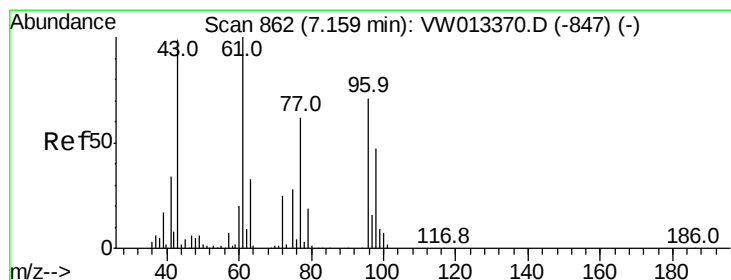
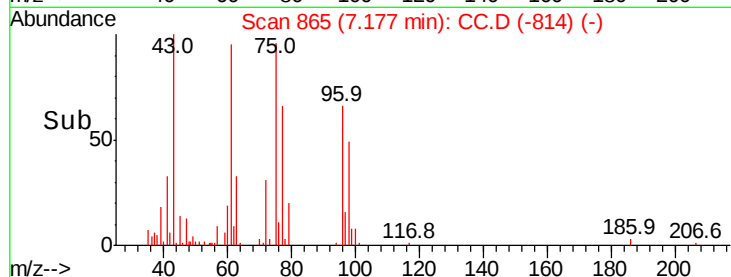
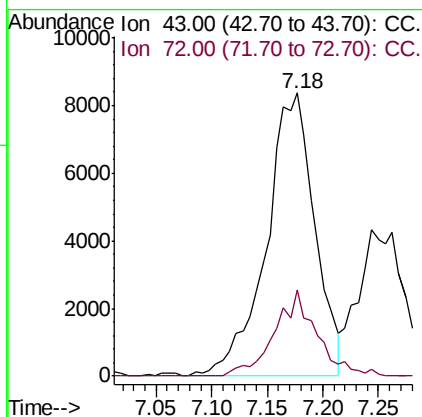
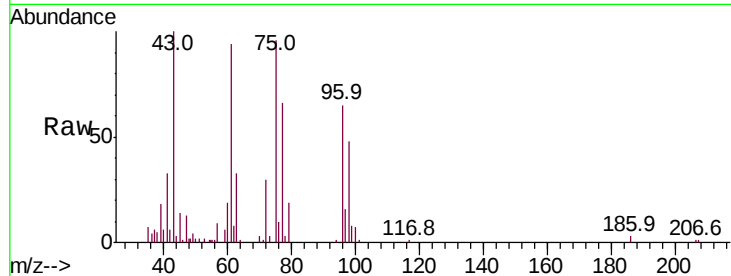
VSTDIC005

Tot Ion: 43 Resp: 25369

Ion Ratio Lower Upper

43 100

72 30.4 22.6 33.8



#26

2,2-Dichloropropane

Concen: 5.546 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.00 min

Lab File: CC.D

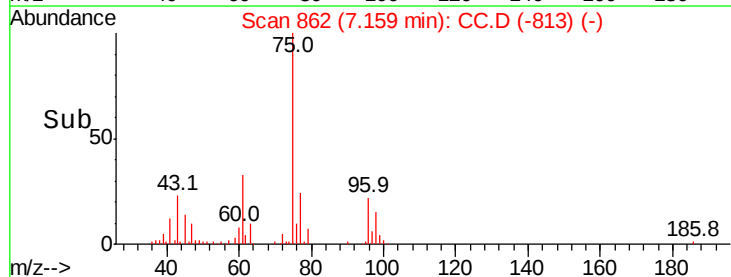
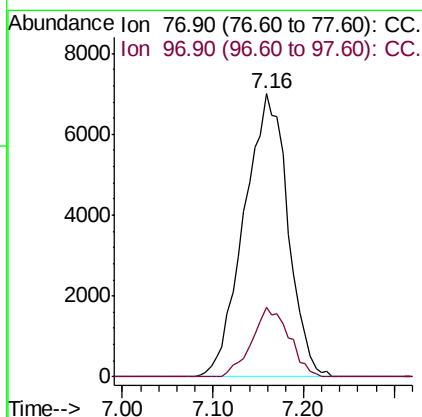
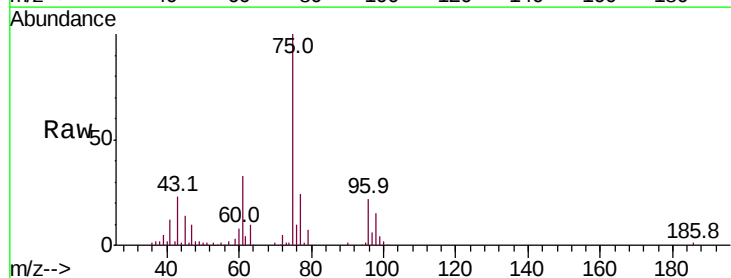
Acq: 01 Oct 2019 12:35

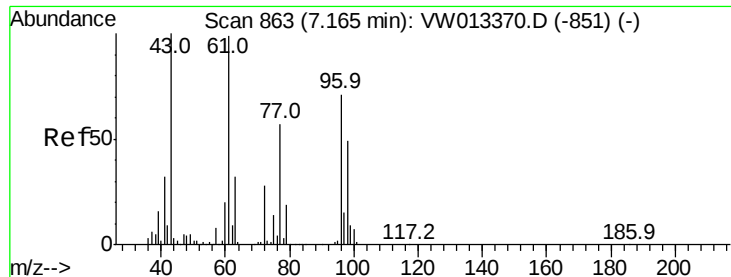
Tgt Ion: 77 Resp: 23400

Ion Ratio Lower Upper

77 100

97 20.9 12.3 36.8



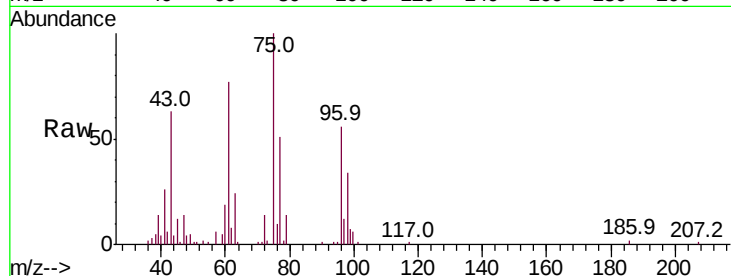


#27

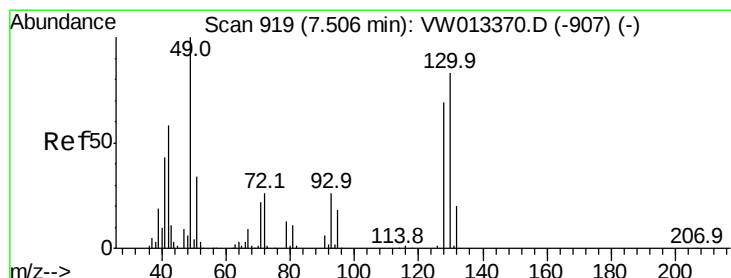
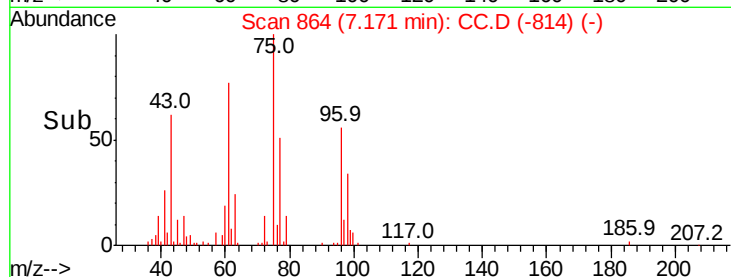
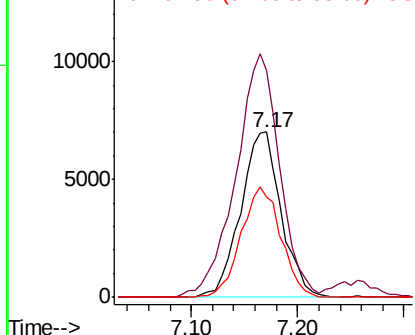
cis-1,2-Dichloroethene
Concen: 4.783 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.01 min
Lab File: CC.D
Acq: 01 Oct 2019 12:35

Instrument :
MSVOA_W
ClientSampled :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
96	100		
61	158.6	0.0	273.2
98	65.4	0.0	130.0



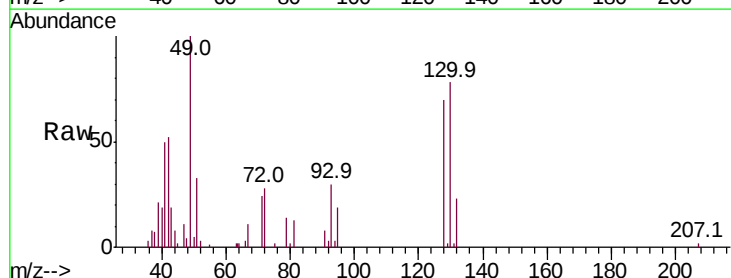
Abundance Ion 95.90 (95.60 to 96.60): CC.
Ion 60.90 (60.60 to 61.60): CC.
Ion 97.90 (97.60 to 98.60): CC.



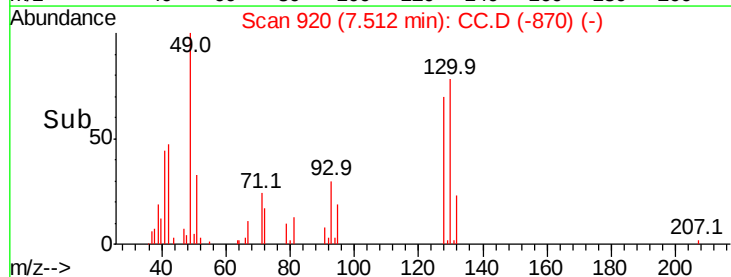
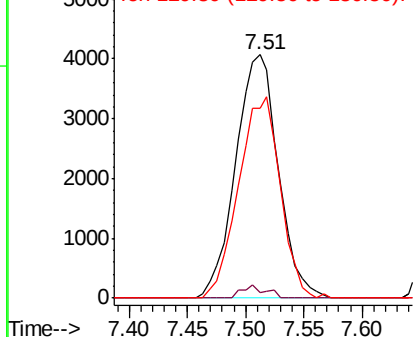
#28

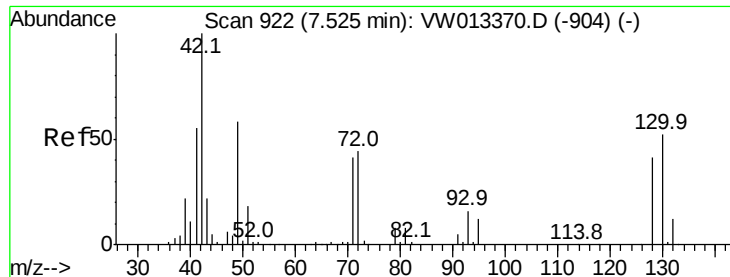
Bromochloromethane
Concen: 4.923 ug/l
RT: 7.51 min Scan# 920
Delta R.T. 0.01 min
Lab File: CC.D
Acq: 01 Oct 2019 12:35

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.9	0.0	0.8#
130	80.5	68.3	102.5



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: 20.013 ug/l

RT: 7.53 min Scan# 923

Delta R.T. 0.01 min

Lab File: CC.D

Acq: 01 Oct 2019 12:35

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

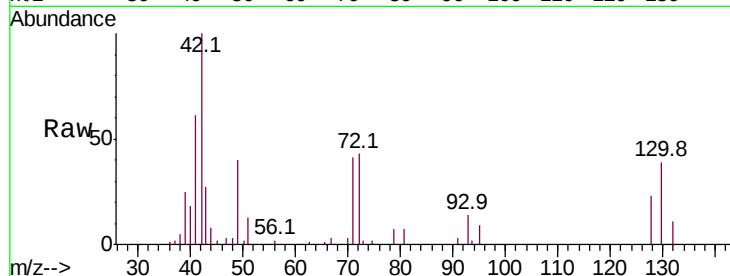
Tot Ion: 42 Resp: 13298

Ion Ratio Lower Upper

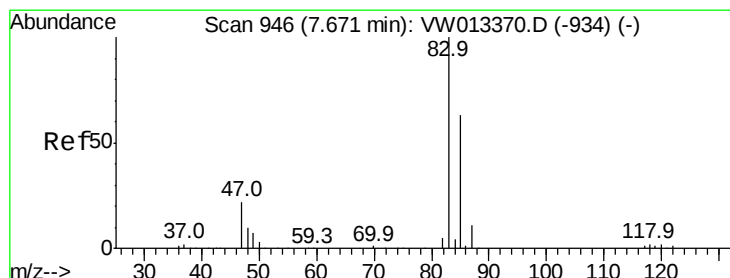
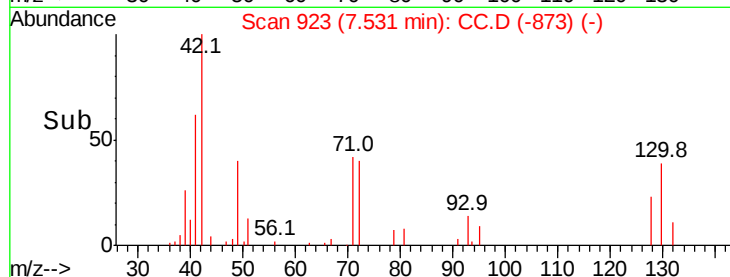
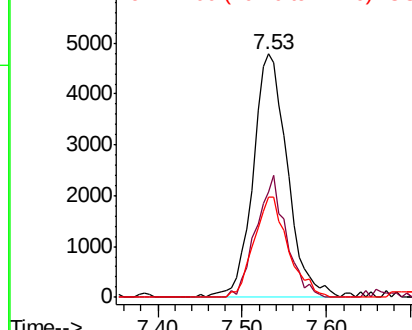
42 100

72 43.8 35.0 52.4

71 41.0 33.1 49.7



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



#30

Chloroform

Concen: 5.174 ug/l

RT: 7.68 min Scan# 947

Delta R.T. 0.01 min

Lab File: CC.D

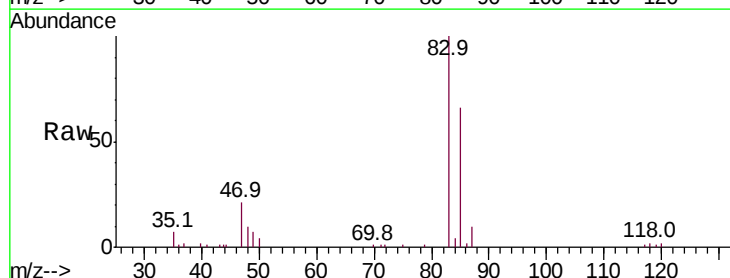
Acq: 01 Oct 2019 12:35

Tgt Ion: 83 Resp: 31121

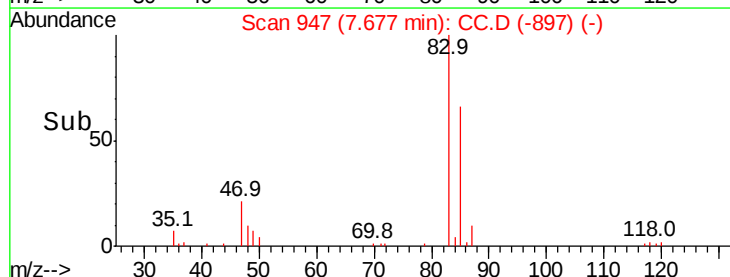
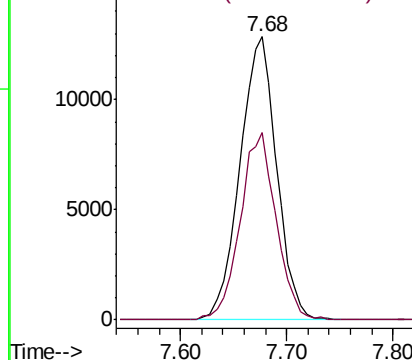
Ion Ratio Lower Upper

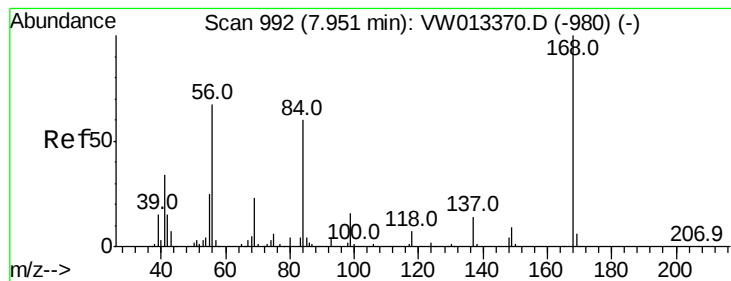
83 100

85 66.0 50.6 76.0



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





#31

Cyclohexane

Concen: 5.347 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

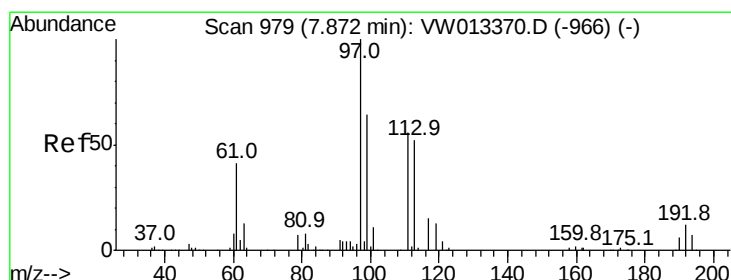
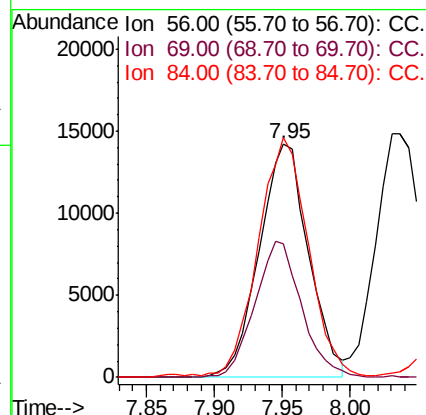
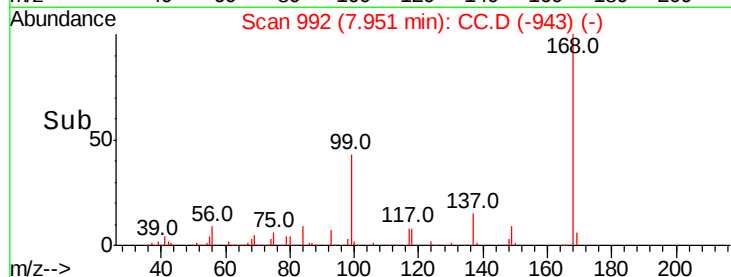
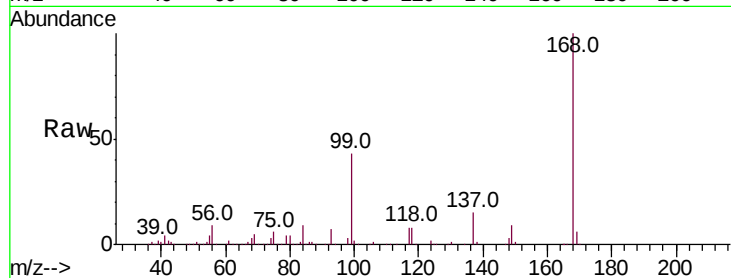
Lab File: CC.D

Acq: 01 Oct 2019 12:35

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tot Ion: 56 Resp: 36014

Ion	Ratio	Lower	Upper
56	100		
69	57.2	27.5	41.3#
84	101.3	71.4	107.0



#32

1,1,1-Trichloroethane

Concen: 4.853 ug/l

RT: 7.87 min Scan# 978

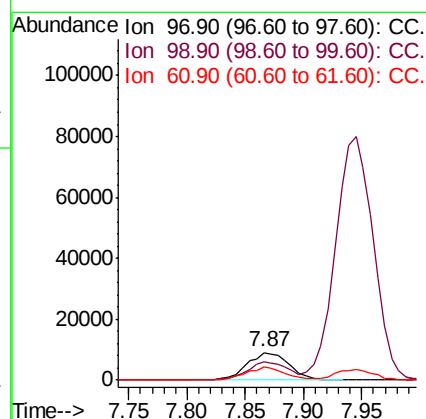
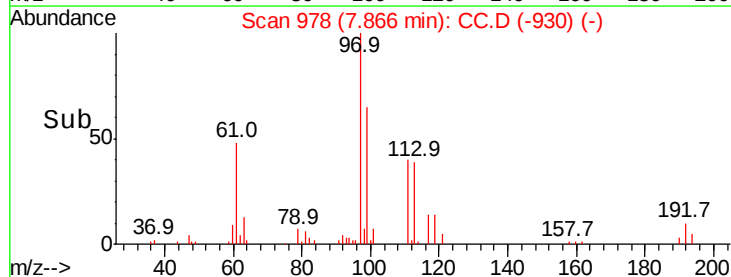
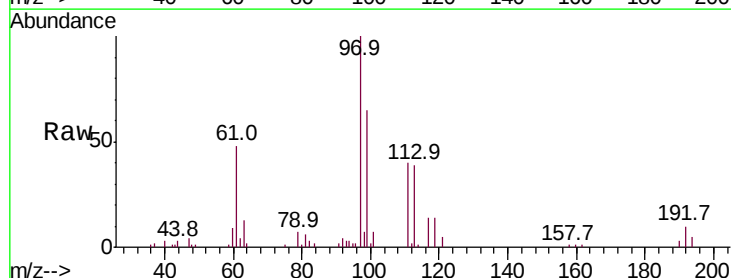
Delta R.T. -0.01 min

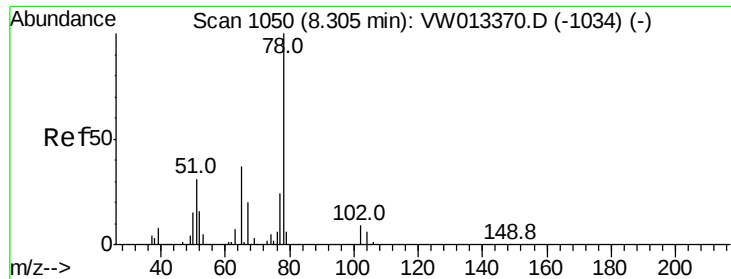
Lab File: CC.D

Acq: 01 Oct 2019 12:35

Tgt Ion: 97 Resp: 22840

Ion	Ratio	Lower	Upper
97	100		
99	64.0	51.6	77.4
61	44.5	33.0	49.4

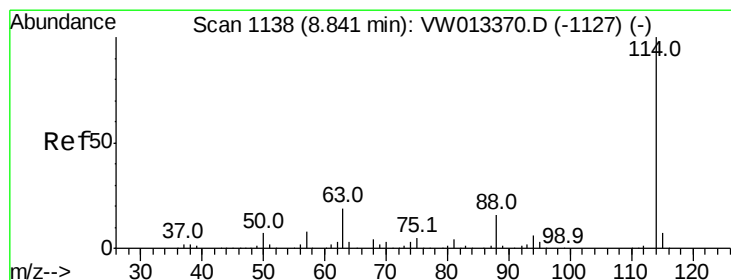
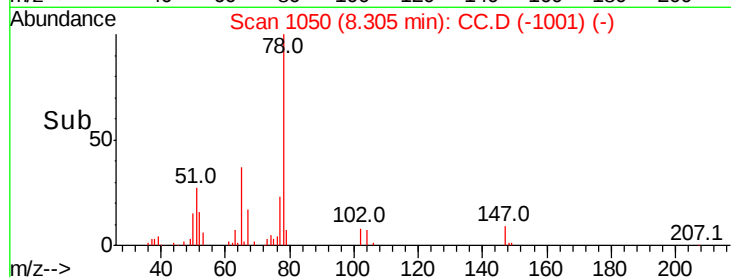
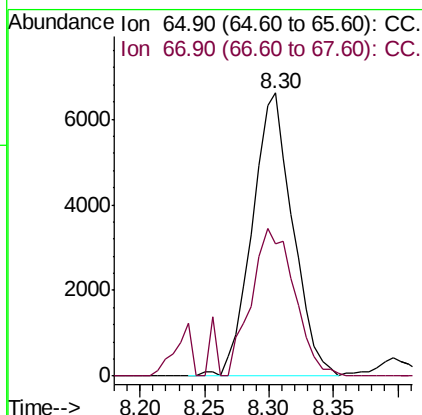
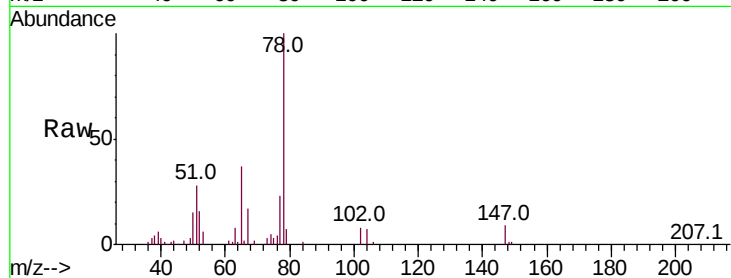




#33
 1,2-Dichloroethane-d4
 Concen: 5.086 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: CC.D
 Acq: 01 Oct 2019 12:35

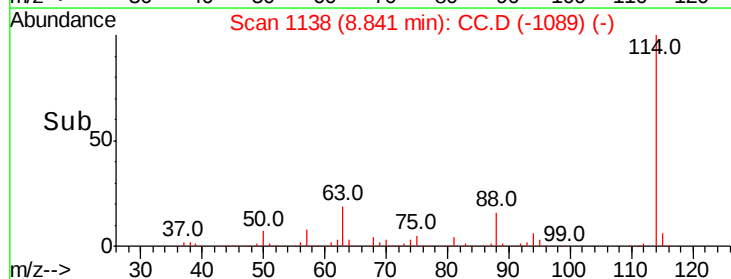
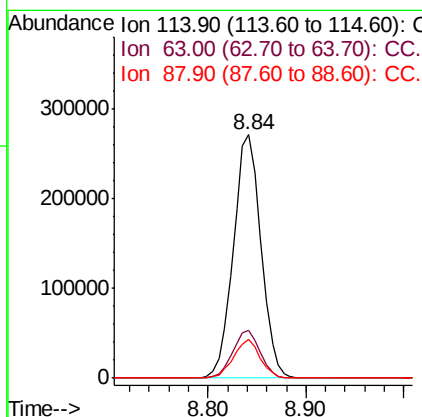
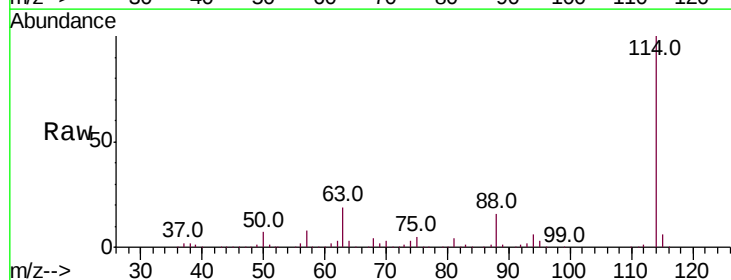
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

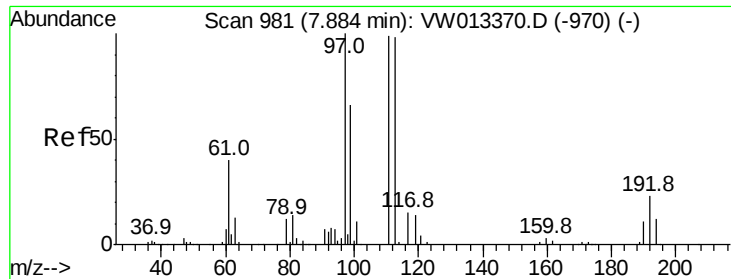
Tot Ion: 65 Resp: 14368
 Ion Ratio Lower Upper
 65 100
 67 55.8 0.0 109.0



#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: 01 Oct 2019 12:35

Tgt Ion: 114 Resp: 530816
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 37.4
 88 15.7 0.0 31.2

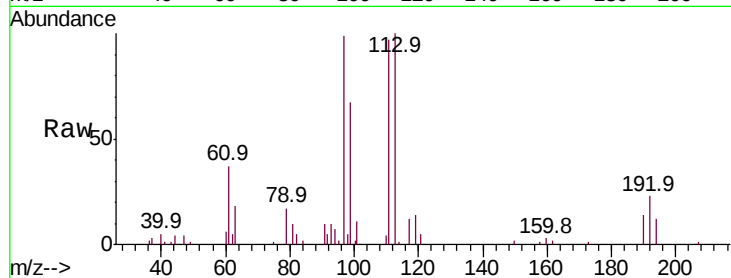




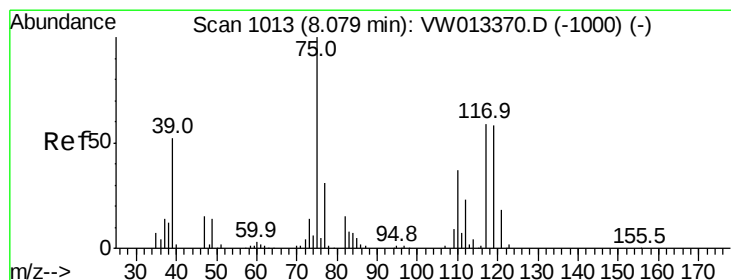
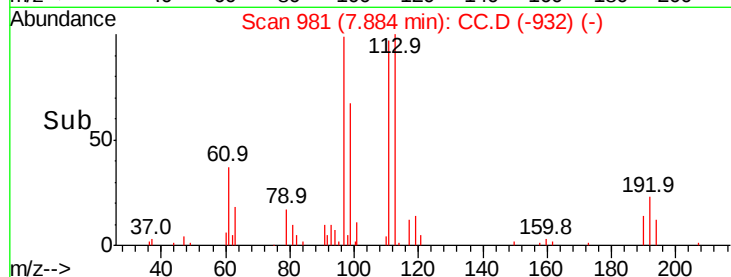
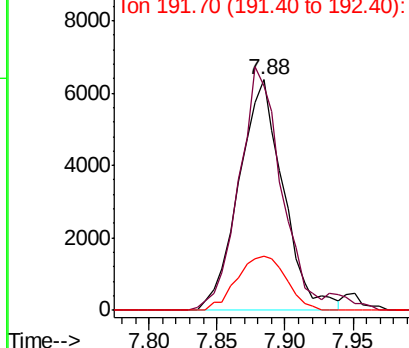
#35
 Dibromofluoromethane
 Concen: 5.079 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: CC.D
 Acq: 01 Oct 2019 12:35

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Tot Ion:113 Resp: 14496
 Ion Ratio Lower Upper
 113 100
 111 100.4 80.9 121.3
 192 26.1 19.1 28.7

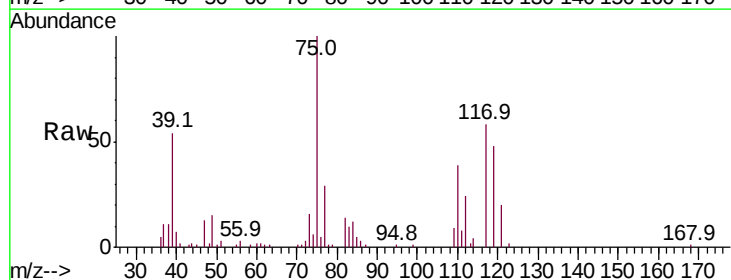


Abundance Ion 112.80 (112.50 to 113.50): C
 Ion 110.80 (110.50 to 111.50): C
 Ion 191.70 (191.40 to 192.40): C

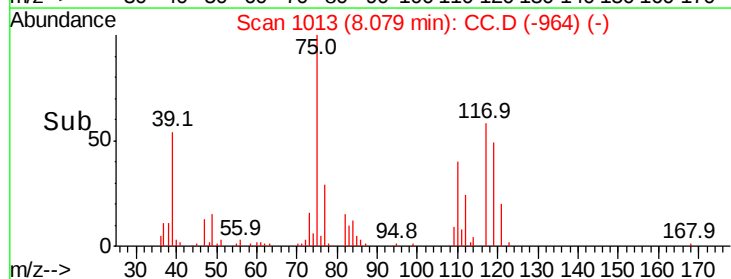
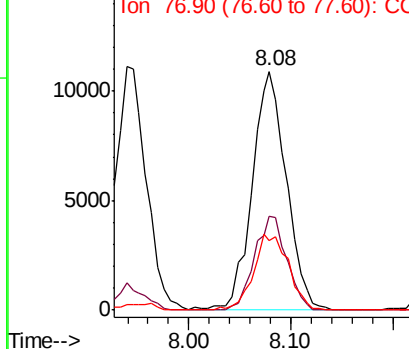


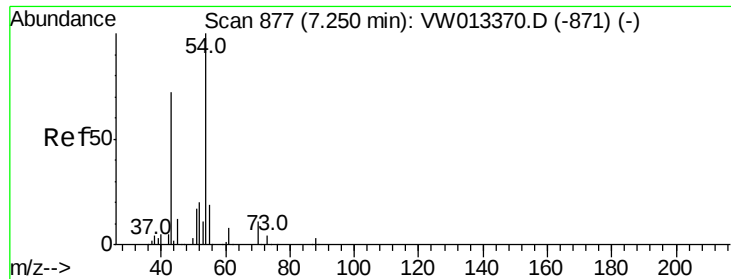
#36
 1,1-Dichloropropene
 Concen: 4.939 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: CC.D
 Acq: 01 Oct 2019 12:35

Tgt Ion: 75 Resp: 25379
 Ion Ratio Lower Upper
 75 100
 110 36.9 17.9 53.8
 77 32.4 25.0 37.4



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.

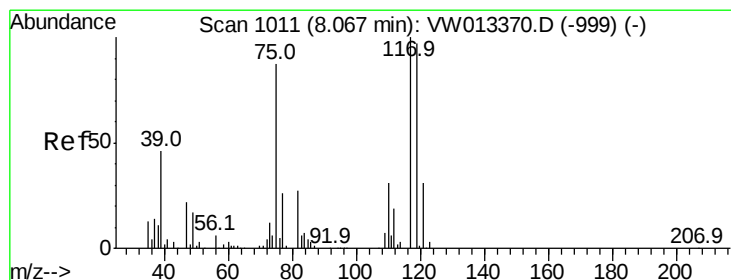
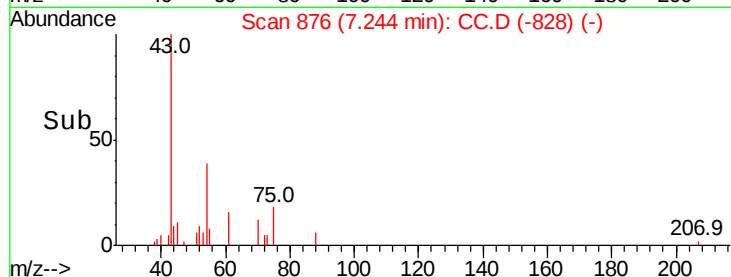
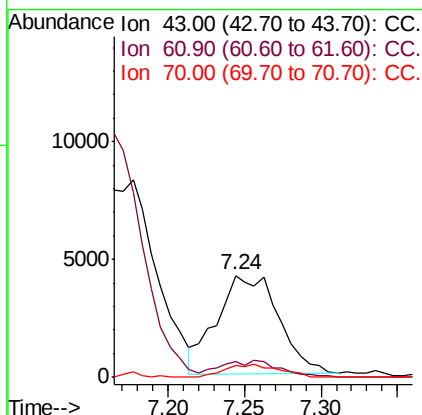
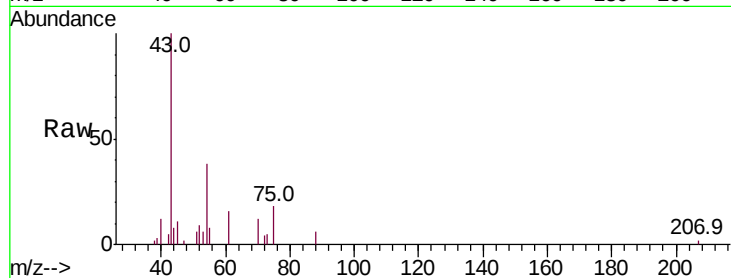




#37
Ethyl Acetate
Concen: 4.527 ug/l
RT: 7.24 min Scan# 876
Delta R.T. -0.01 min
Lab File: CC.D
Acq: 01 Oct 2019 12:35

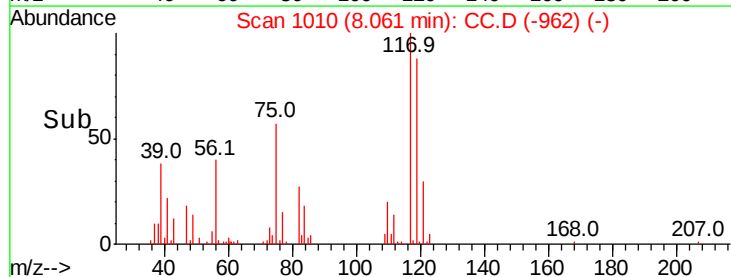
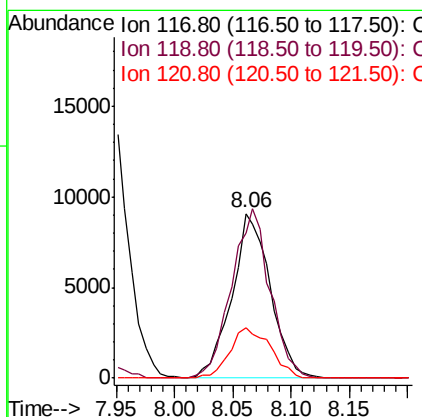
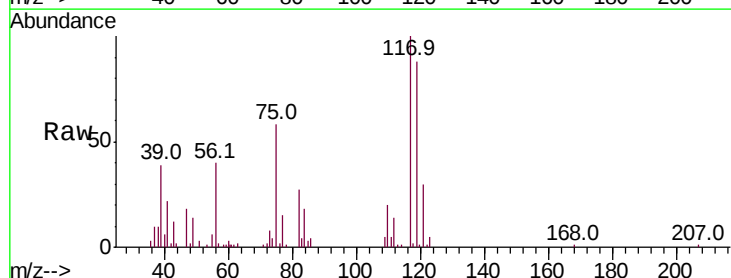
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

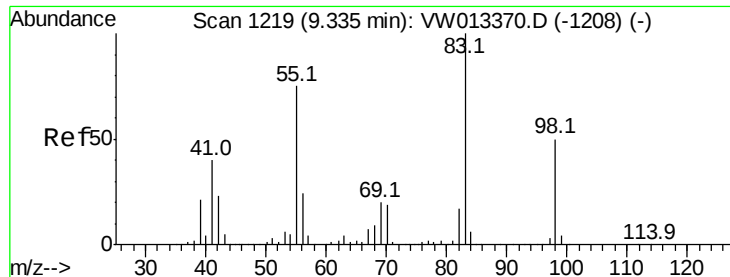
Tot Ion: 43 Resp: 11735
Ion Ratio Lower Upper
43 100
61 16.6 11.4 17.2
70 11.5 9.3 13.9



#38
Carbon Tetrachloride
Concen: 4.745 ug/l
RT: 8.06 min Scan# 1010
Delta R.T. -0.01 min
Lab File: CC.D
Acq: 01 Oct 2019 12:35

Tgt Ion: 117 Resp: 20866
Ion Ratio Lower Upper
117 100
119 88.5 77.3 115.9
121 30.4 24.7 37.1

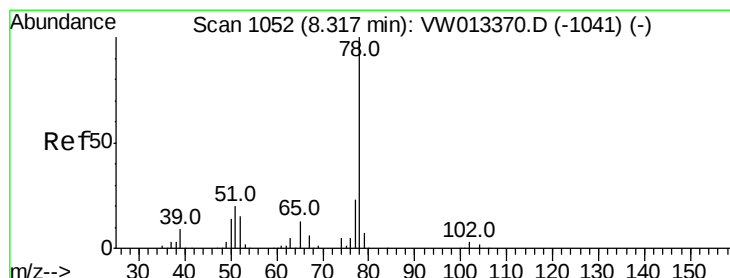
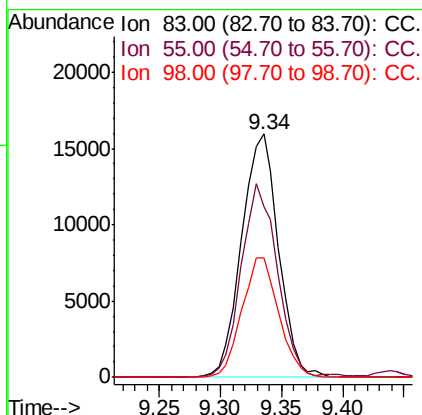
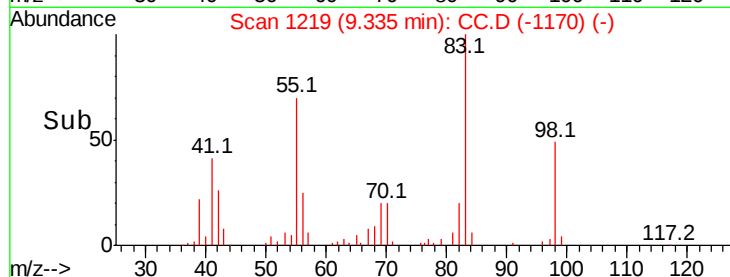
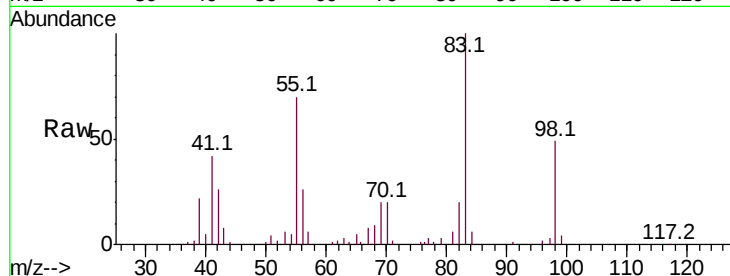




#39
Methvlcvclohexane
Concen: 4.960 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: CC.D
Acq: 01 Oct 2019 12:35

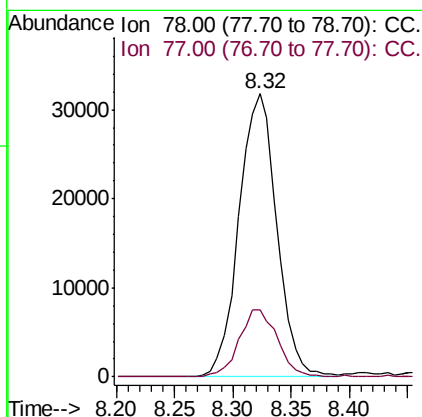
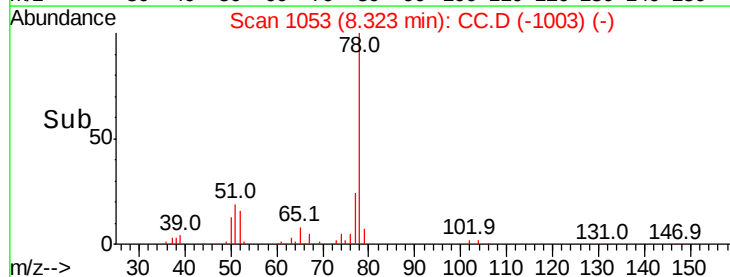
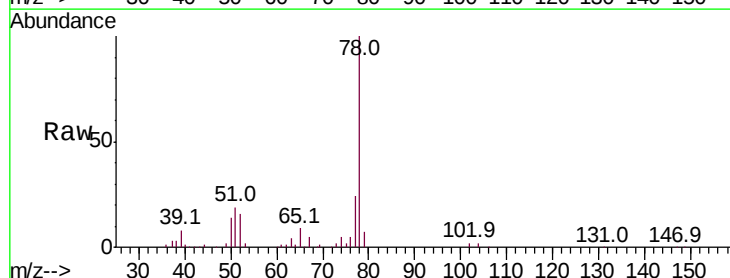
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

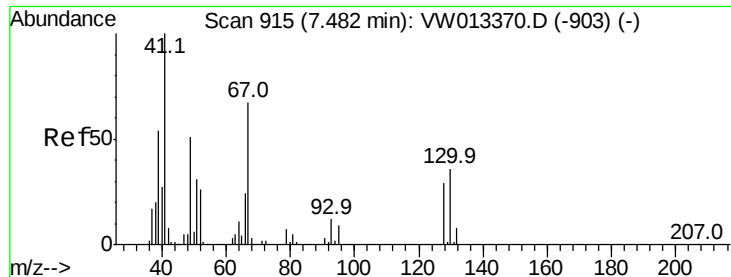
Tot Ion: 83 Resp: 33438
Ion Ratio Lower Upper
83 100
55 70.0 59.9 89.9
98 49.2 40.3 60.5



#40
Benzene
Concen: 4.946 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.01 min
Lab File: CC.D
Acq: 01 Oct 2019 12:35

Tgt Ion: 78 Resp: 71847
Ion Ratio Lower Upper
78 100
77 23.9 18.4 27.6

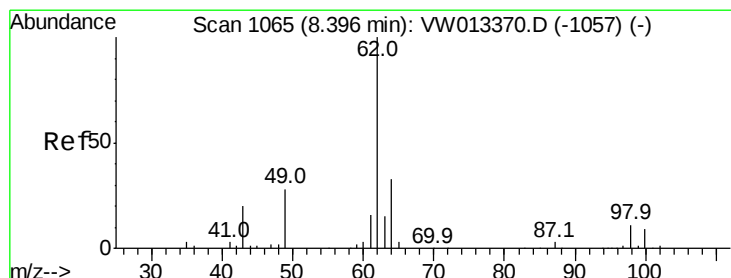
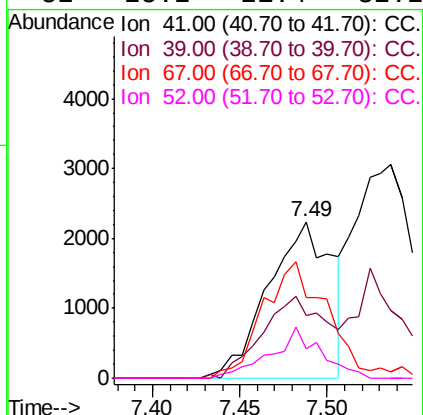
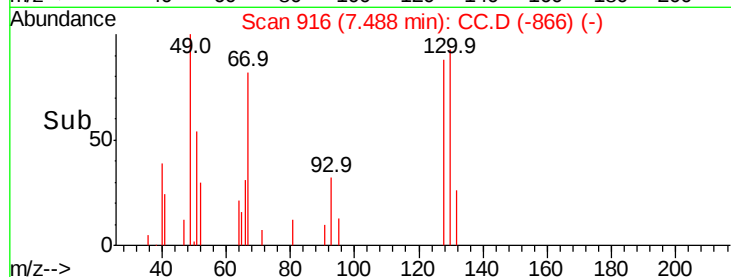
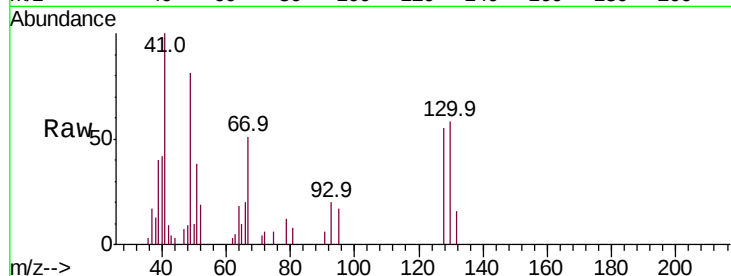




#41
Methacrylonitrile
Concen: 2.035 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.01 min
Lab File: CC.D
Acq: 01 Oct 2019 12:35

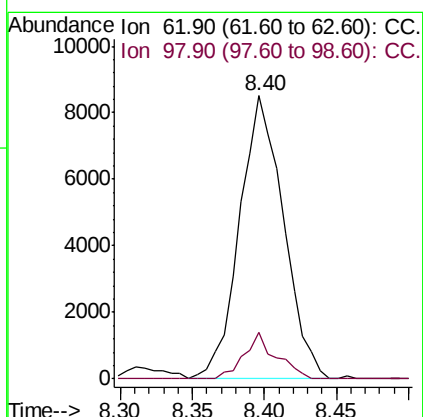
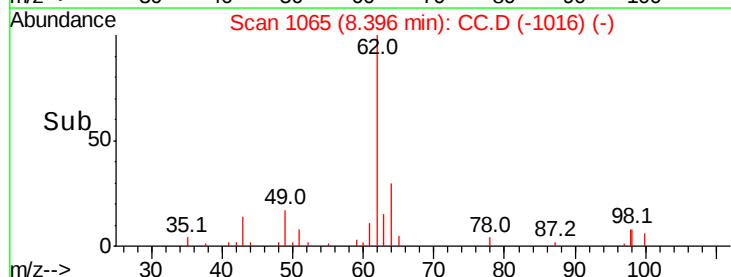
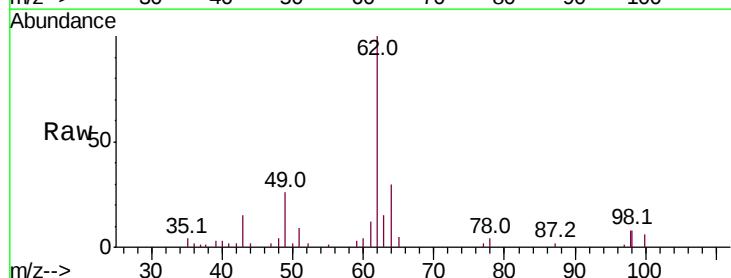
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

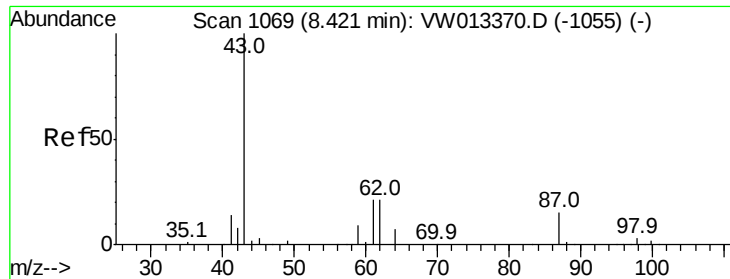
Tot Ion:	41	Resp:	5678
Ion	Ratio	Lower	Upper
41	100		
39	52.4	40.7	61.1
67	76.1	54.7	82.1
52	25.2	21.4	32.2



#42
1,2-Dichloroethane
Concen: 4.896 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: CC.D
Acq: 01 Oct 2019 12:35

Tgt Ion:	62	Resp:	18023
Ion	Ratio	Lower	Upper
62	100		
98	11.9	0.0	22.2





#43

Isopropyl Acetate

Concen: 4.241 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.00 min

Lab File: CC.D

Acq: 01 Oct 2019 12:35

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

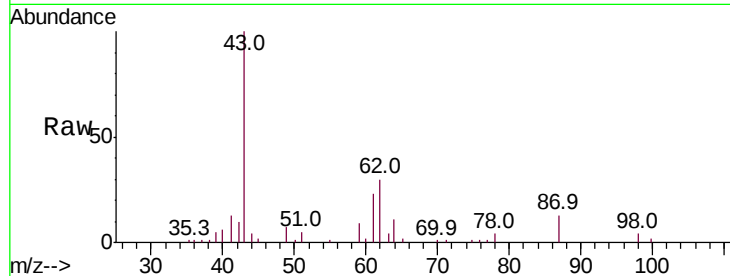
Tot Ion: 43 Resp: 18042

Ion Ratio Lower Upper

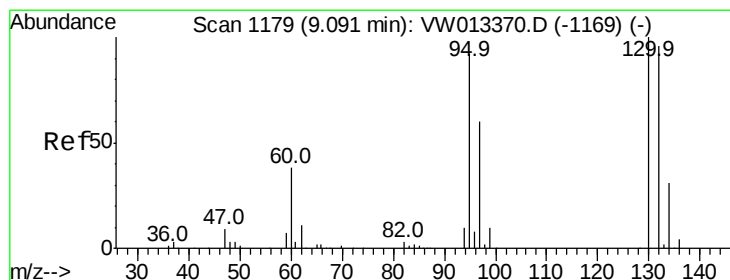
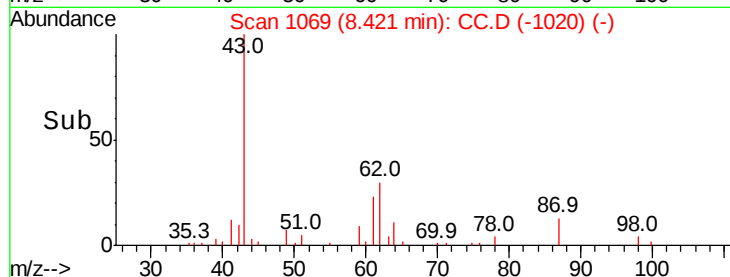
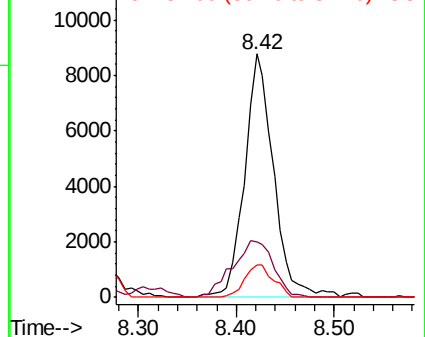
43 100

61 32.8 24.8 37.2

87 13.3 11.3 16.9



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



#44

Trichloroethene

Concen: 4.701 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: CC.D

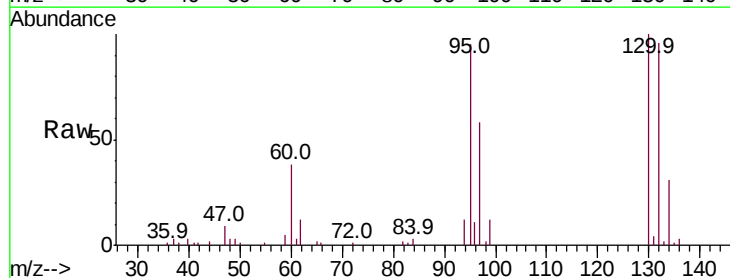
Acq: 01 Oct 2019 12:35

Tgt Ion: 130 Resp: 19262

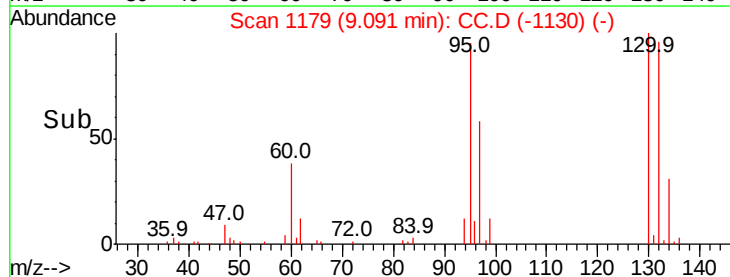
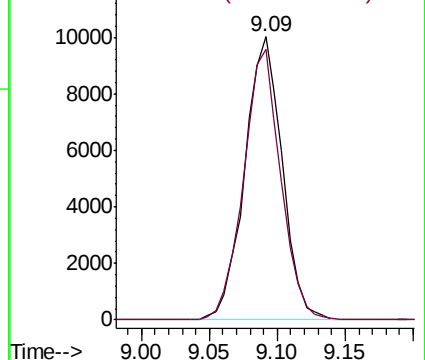
Ion Ratio Lower Upper

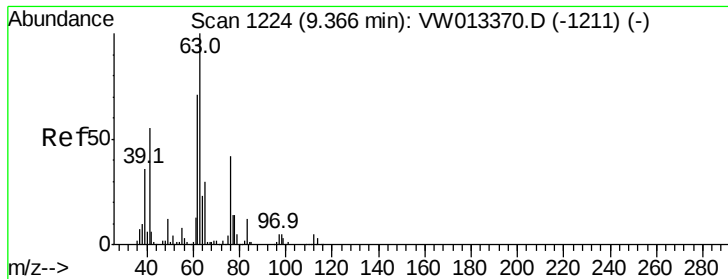
130 100

95 95.4 0.0 183.8



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





#45

1,2-Dichloropropane

Concen: 4.835 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. -0.00 min

Lab File: CC.D

Acq: 01 Oct 2019 12:35

Instrument :

MSVOA_W

ClientSampleId :

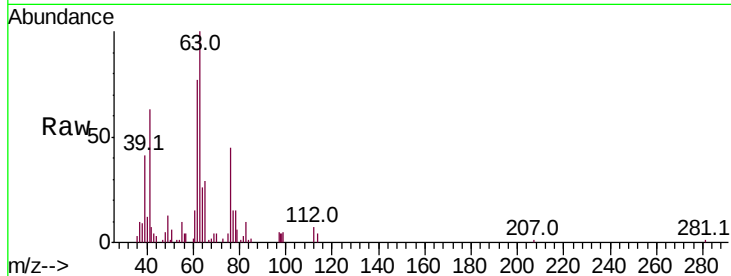
VSTDIC005

Tot Ion: 63 Resp: 16609

Ion Ratio Lower Upper

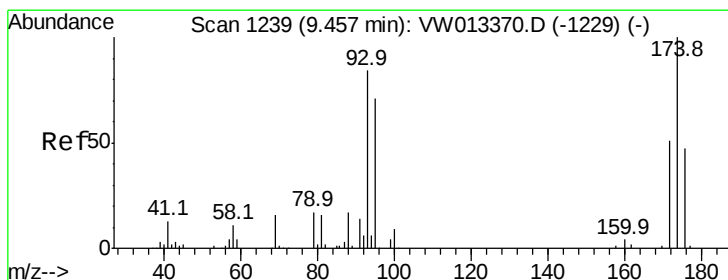
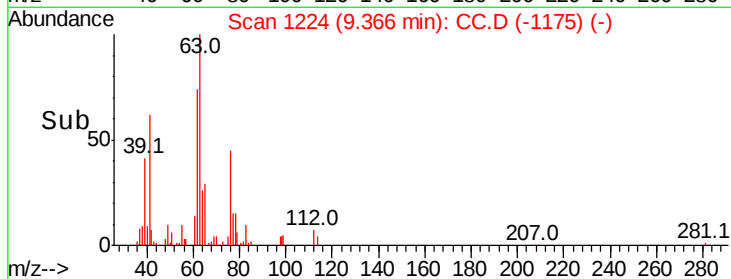
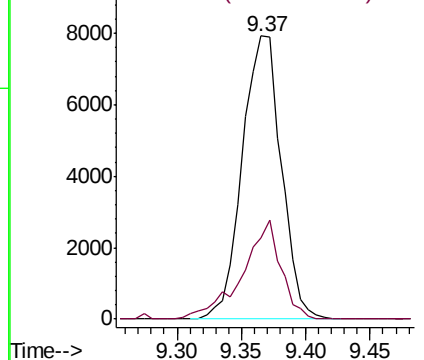
63 100

65 28.8 24.2 36.4



Abundance Ion 62.90 (62.60 to 63.60): CC.

Ion 64.90 (64.60 to 65.60): CC.



#46

Dibromomethane

Concen: 4.581 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. -0.00 min

Lab File: CC.D

Acq: 01 Oct 2019 12:35

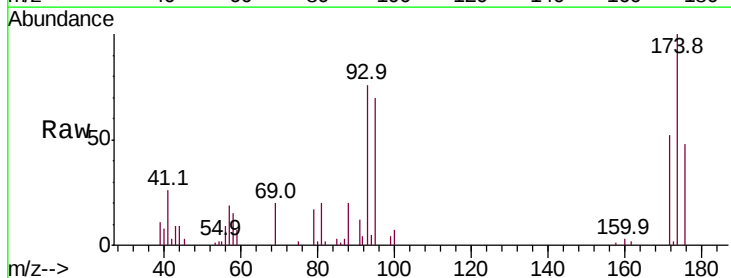
Tgt Ion: 93 Resp: 7903

Ion Ratio Lower Upper

93 100

95 85.7 65.8 98.8

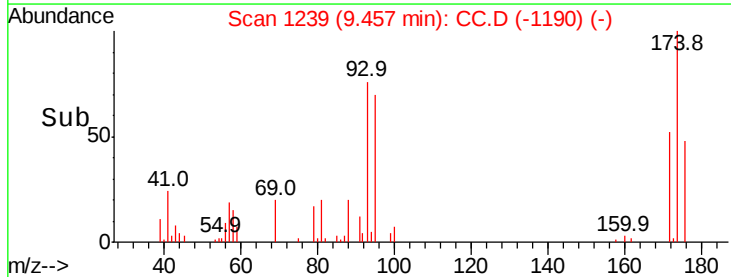
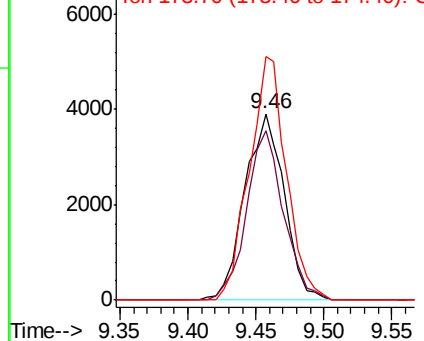
174 123.3 95.0 142.6

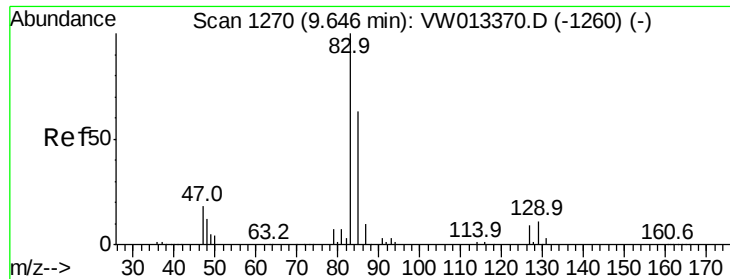


Abundance Ion 92.80 (92.50 to 93.50): CC.

Ion 94.80 (94.50 to 95.50): CC.

Ion 173.70 (173.40 to 174.40): CC.





#47

Bromodichloromethane

Concen: 4.693 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. -0.01 min

Lab File: CC.D

Acq: 01 Oct 2019 12:35

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

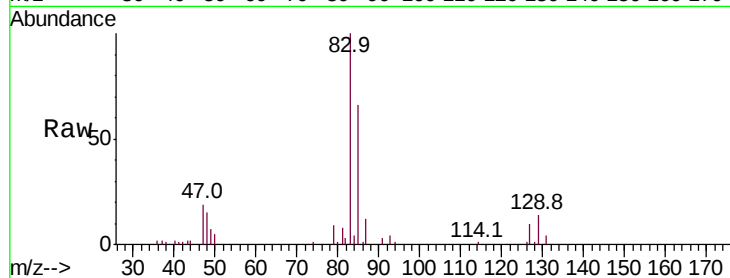
Tot Ion: 83 Resp: 19599

Ion Ratio Lower Upper

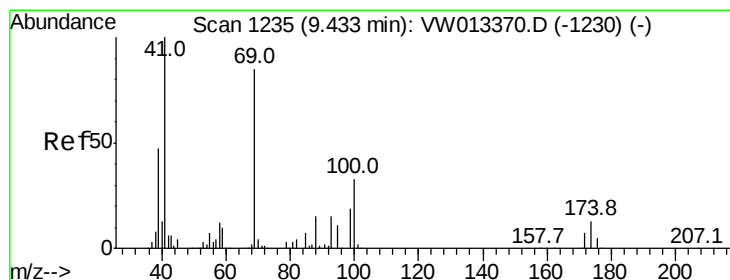
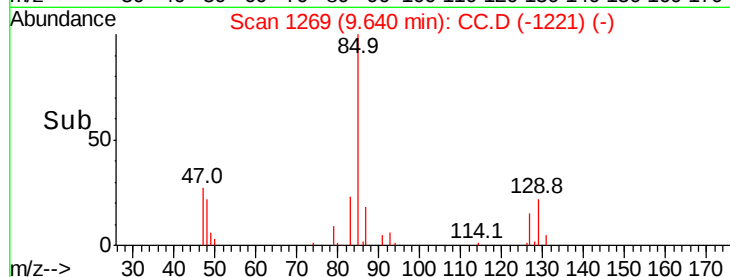
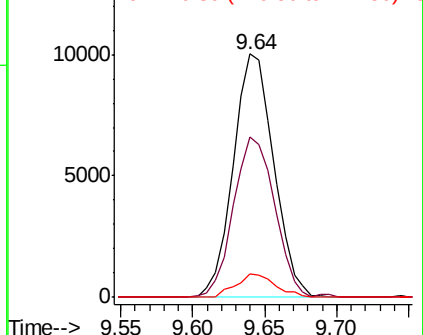
83 100

85 66.0 50.4 75.6

127 9.6 7.0 10.6



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): CC.



#48

Methyl methacrylate

Concen: 4.186 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. -0.00 min

Lab File: CC.D

Acq: 01 Oct 2019 12:35

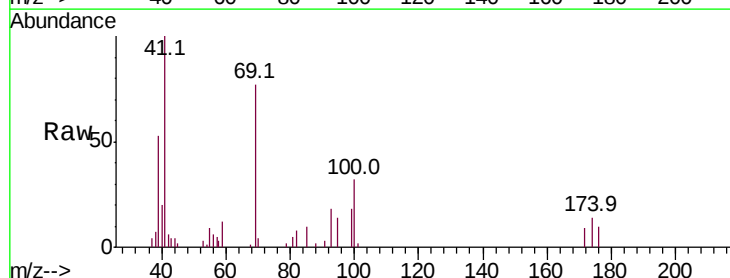
Tgt Ion: 41 Resp: 8317

Ion Ratio Lower Upper

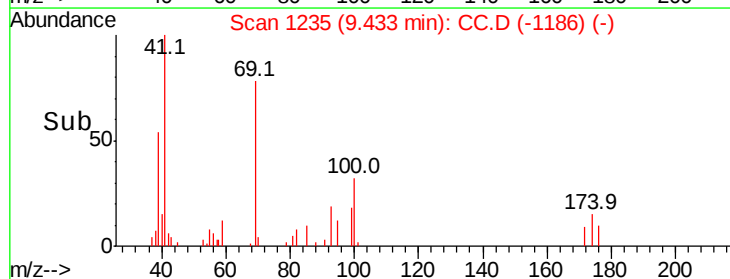
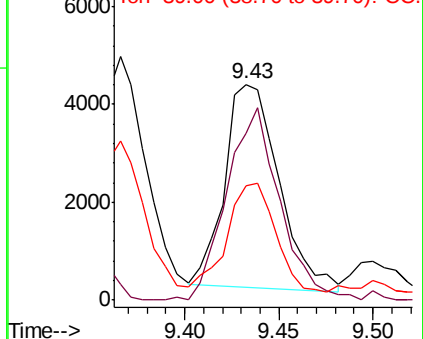
41 100

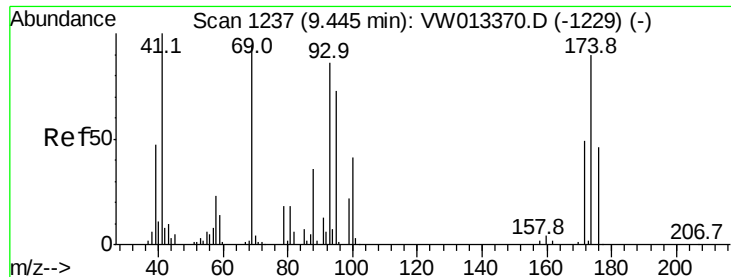
69 92.3 70.8 106.2

39 48.7 39.1 58.7



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: 74.735 ug/l

RT: 9.46 min Scan# 1240

Delta R.T. 0.02 min

Lab File: CC.D

Acq: 01 Oct 2019 12:35

Instrument :

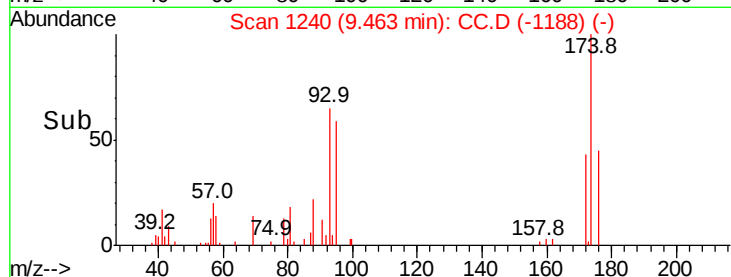
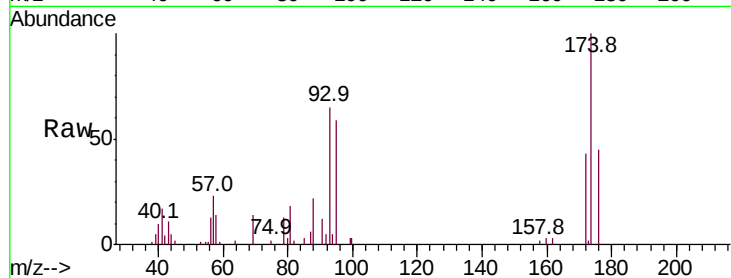
MSVOA_W

ClientSampleId :

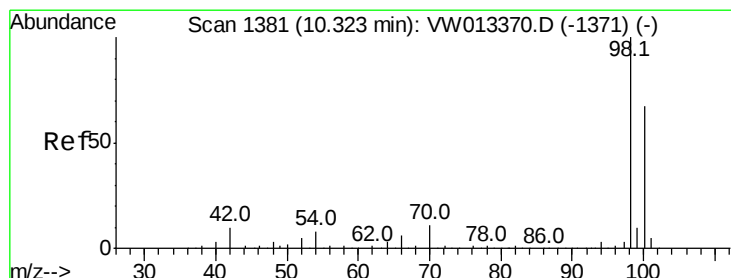
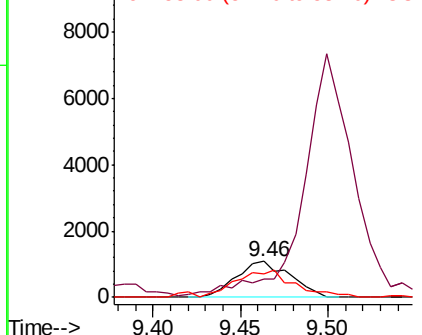
VSTDIC005

Tot Ion: 88 Resp: 2302

Ion	Ratio	Lower	Upper
88	100		
43	0.0	23.1	34.7#
58	83.0	57.3	85.9



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



#50

Toluene-d8

Concen: 5.202 ug/l

RT: 10.32 min Scan# 1381

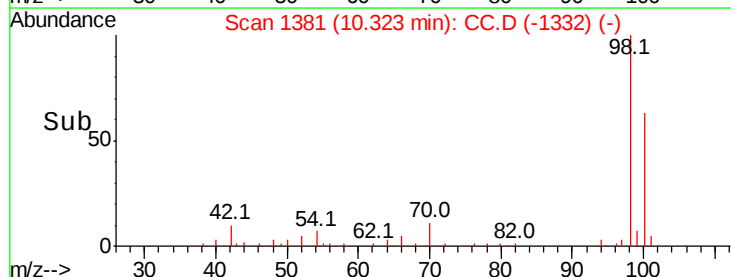
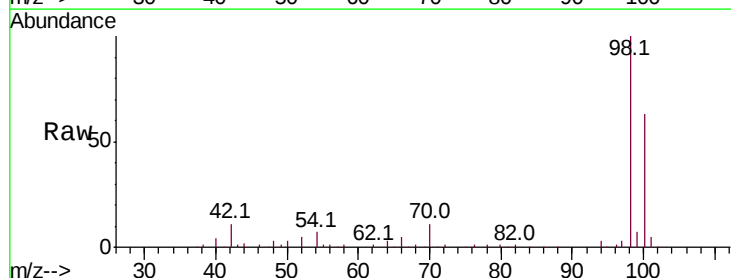
Delta R.T. -0.00 min

Lab File: CC.D

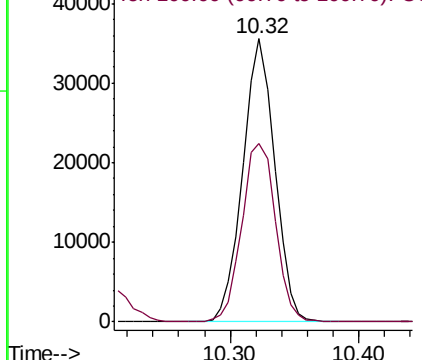
Acq: 01 Oct 2019 12:35

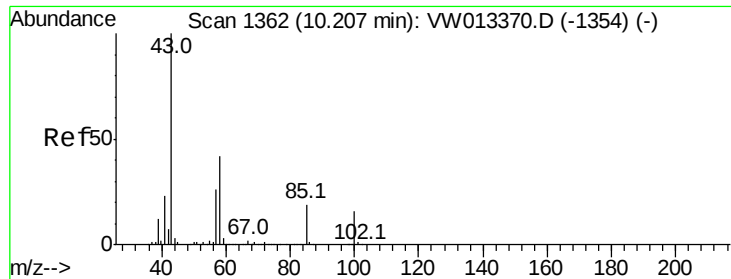
Tgt Ion: 98 Resp: 61007

Ion	Ratio	Lower	Upper
98	100		
100	66.9	52.8	79.2



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





#51

4-Methyl-2-Pentanone

Concen: 21.901 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. -0.00 min

Lab File: CC.D

Acq: 01 Oct 2019 12:35

Instrument :

MSVOA_W

ClientSampled :

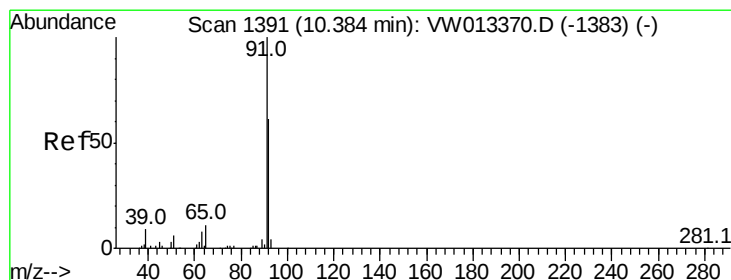
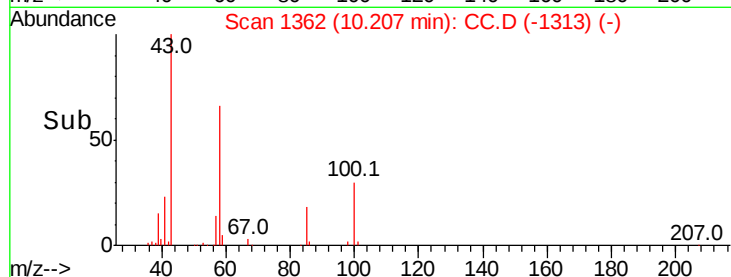
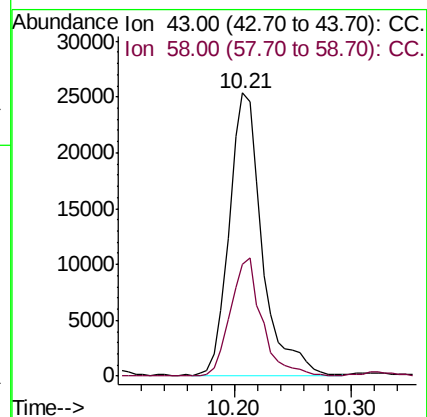
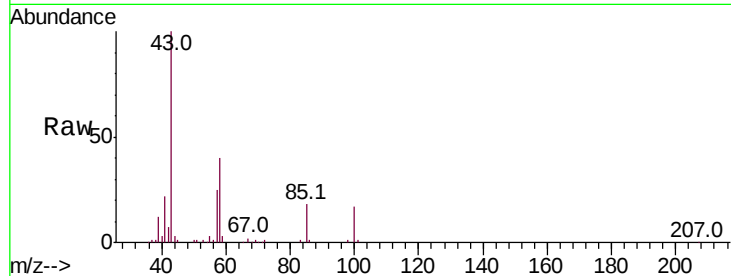
VSTDIC005

Tot Ion: 43 Resp: 50207

Ion Ratio Lower Upper

43 100

58 39.6 32.9 49.3



#52

Toluene

Concen: 4.870 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.00 min

Lab File: CC.D

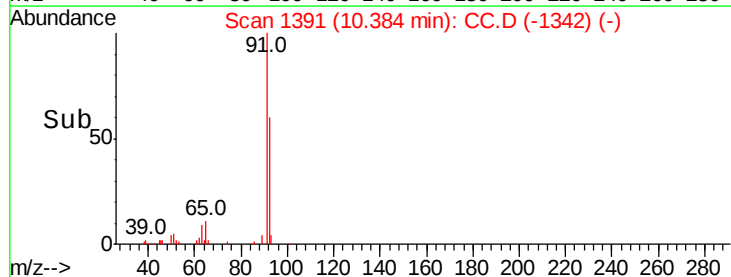
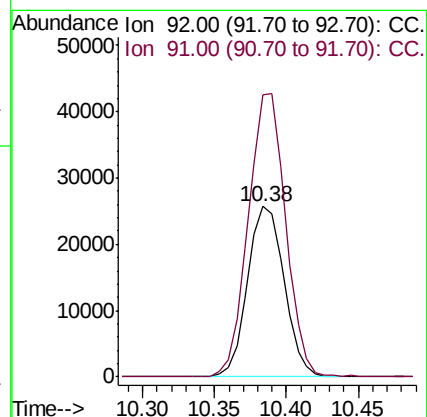
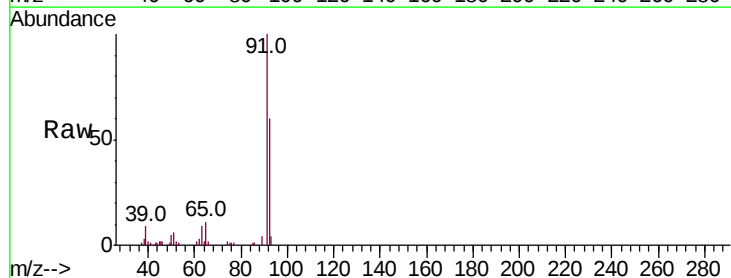
Acq: 01 Oct 2019 12:35

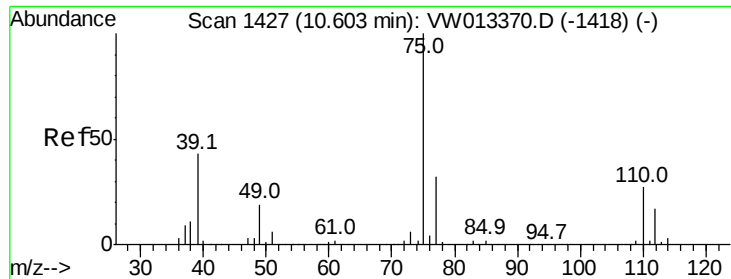
Tgt Ion: 92 Resp: 45151

Ion Ratio Lower Upper

92 100

91 170.1 134.8 202.2





#53

t-1,3-Dichloropropene

Concen: 4.631 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: CC.D

Acq: 01 Oct 2019 12:35

Instrument :

MSVOA_W

ClientSampled :

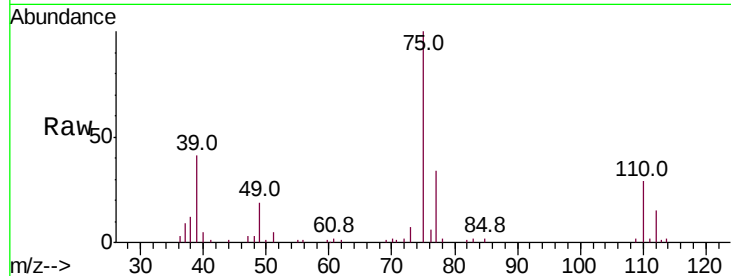
VSTDIC005

Tot Ion: 75 Resp: 19561

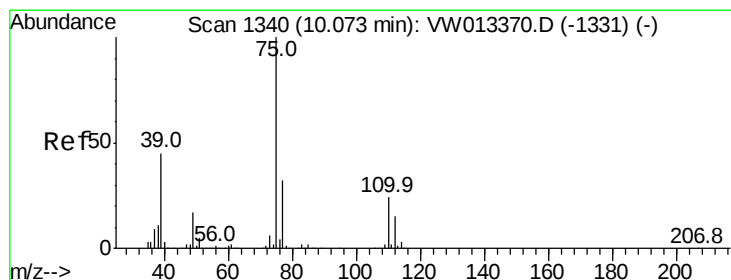
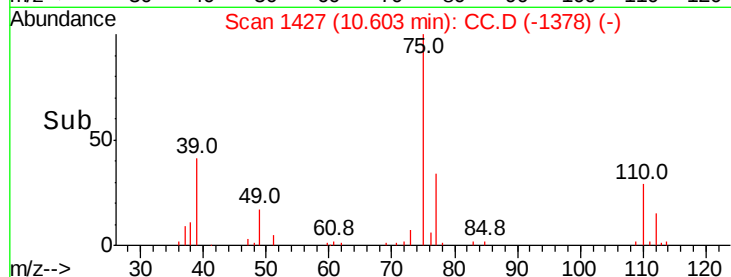
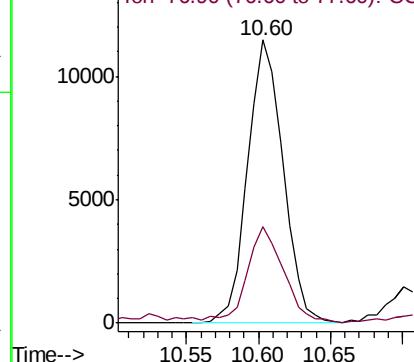
Ion Ratio Lower Upper

75 100

77 34.1 25.6 38.4



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: 4.697 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: CC.D

Acq: 01 Oct 2019 12:35

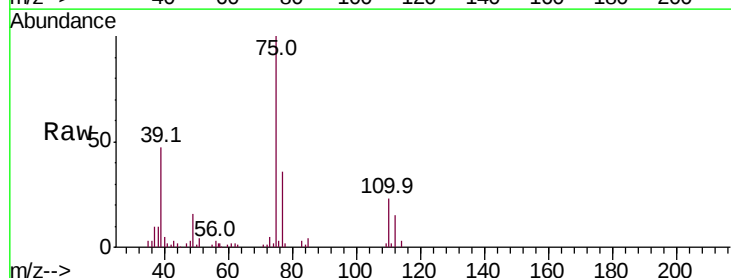
Tgt Ion: 75 Resp: 24361

Ion Ratio Lower Upper

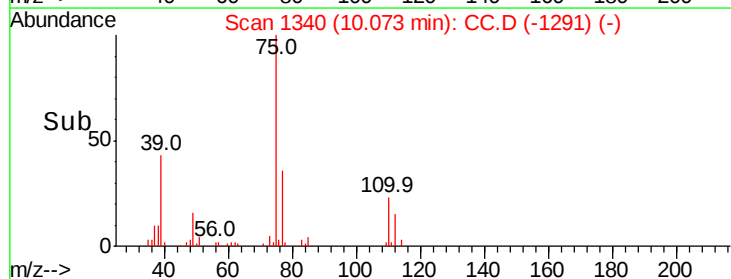
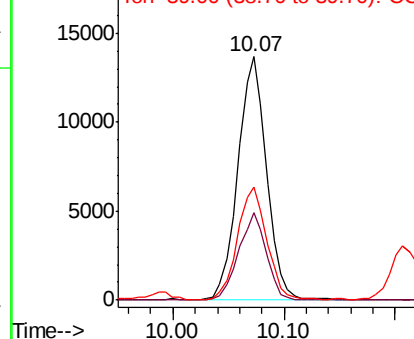
75 100

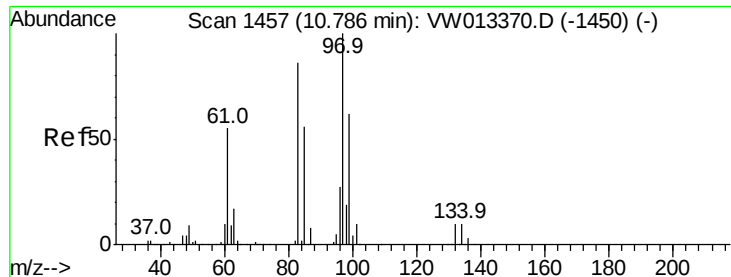
77 36.1 25.8 38.8

39 46.5 36.3 54.5



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

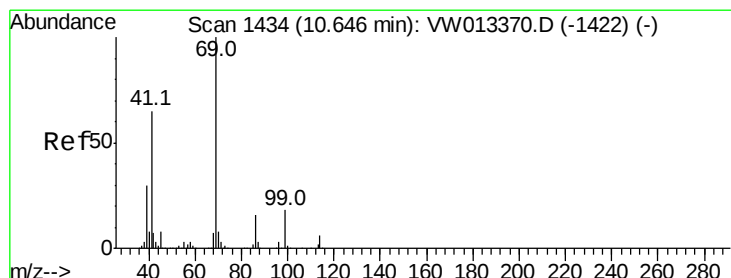
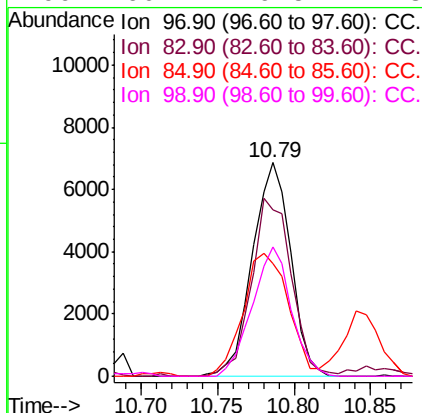
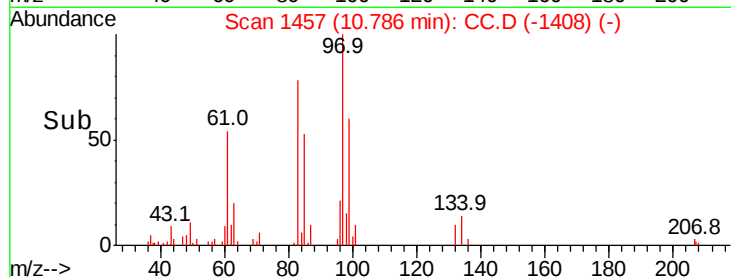
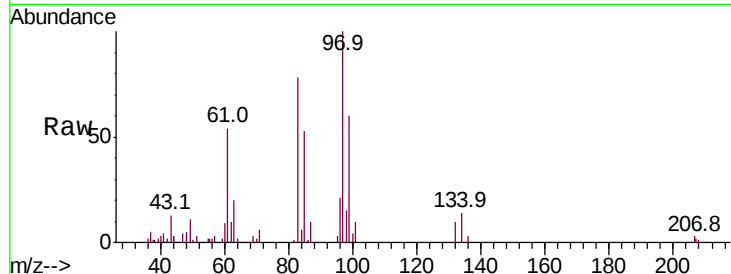




#55
 1,1,2-Trichloroethane
 Concen: 4.680 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: CC.D
 Acq: 01 Oct 2019 12:35

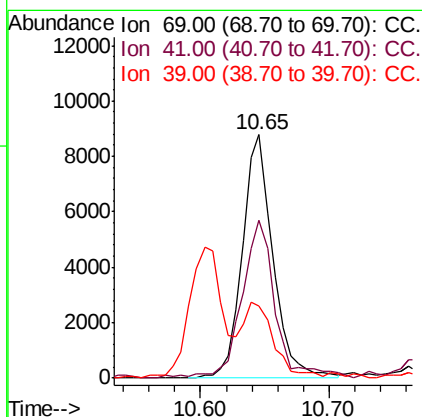
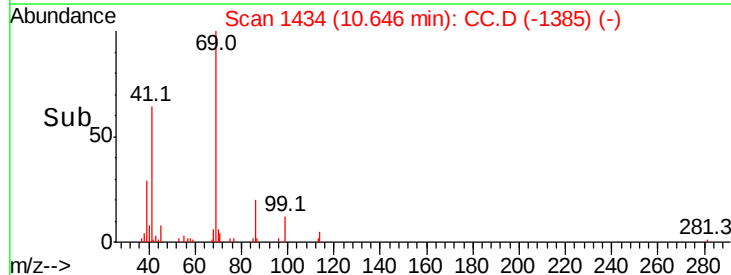
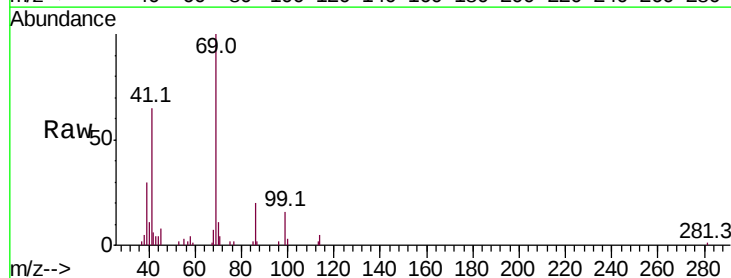
Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC005

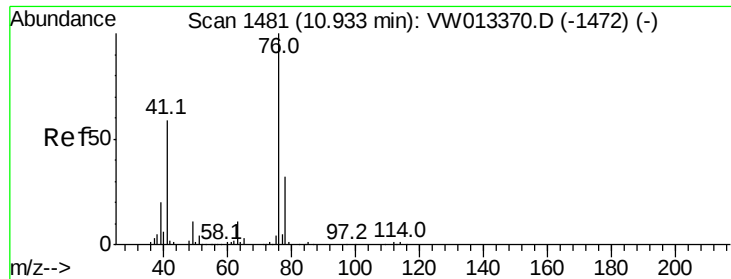
Tot Ion: 97 Resp: 12006
 Ion Ratio Lower Upper
 97 100
 83 77.8 69.2 103.8
 85 52.9 44.5 66.7
 99 60.4 49.5 74.3



#56
 Ethyl methacrylate
 Concen: 4.241 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: CC.D
 Acq: 01 Oct 2019 12:35

Tgt Ion: 69 Resp: 14318
 Ion Ratio Lower Upper
 69 100
 41 71.0 53.4 80.2
 39 29.4 22.3 33.5

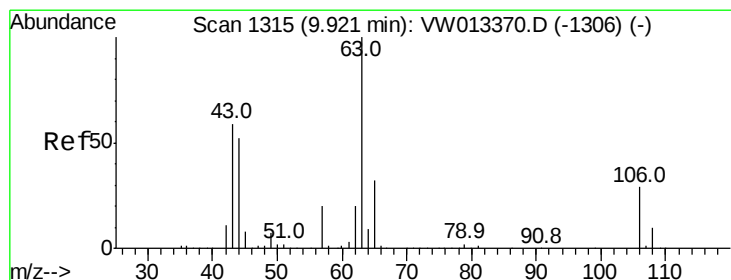
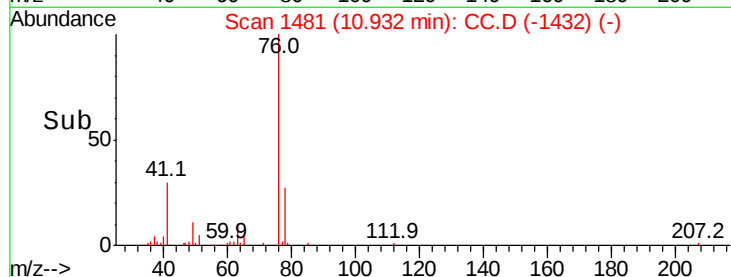
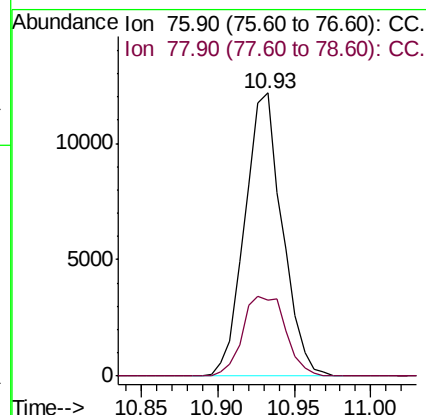
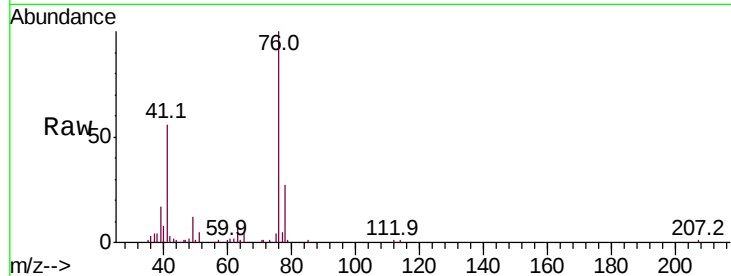




#57
 1,3-Dichloropropane
 Concen: 4.587 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: CC.D
 Acq: 01 Oct 2019 12:35

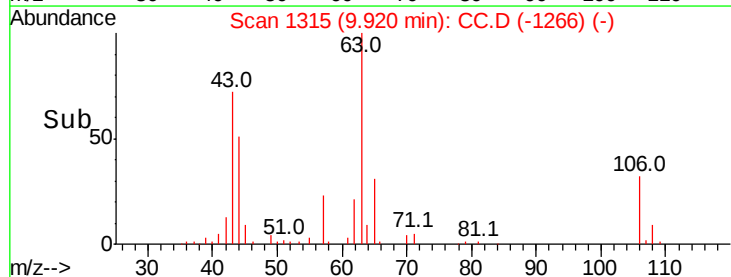
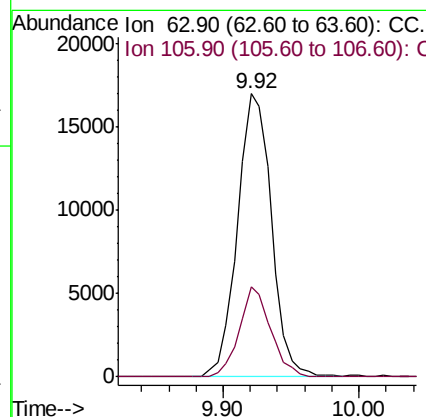
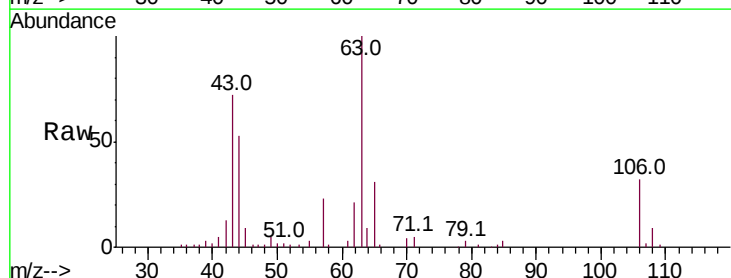
Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC005

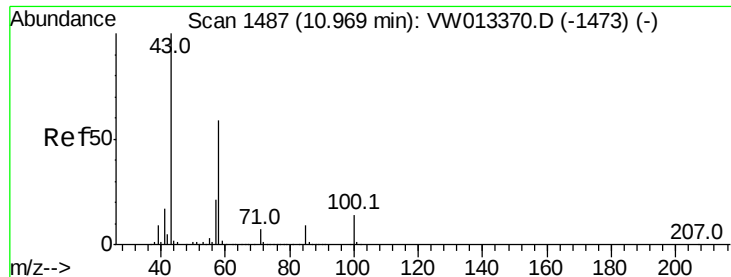
Tot Ion: 76 Resp: 20700
 Ion Ratio Lower Upper
 76 100
 78 32.5 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 21.258 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.00 min
 Lab File: CC.D
 Acq: 01 Oct 2019 12:35

Tgt Ion: 63 Resp: 29606
 Ion Ratio Lower Upper
 63 100
 106 29.3 24.0 36.0





#59

2-Hexanone

Concen: 19.856 ug/l

RT: 10.97 min Scan# 1487

Delta R.T. -0.00 min

Lab File: CC.D

Acq: 01 Oct 2019 12:35

Instrument :

MSVOA_W

ClientSampleId :

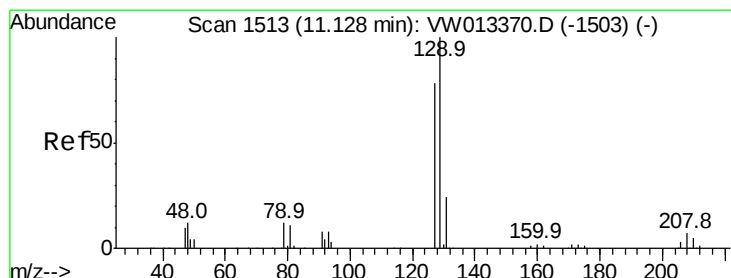
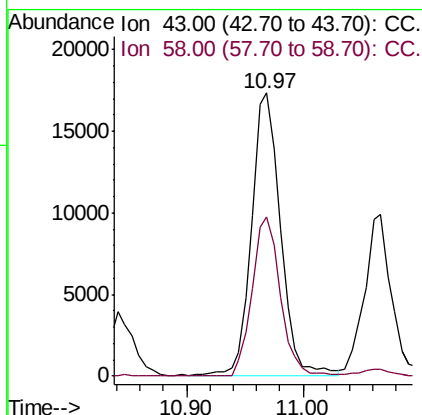
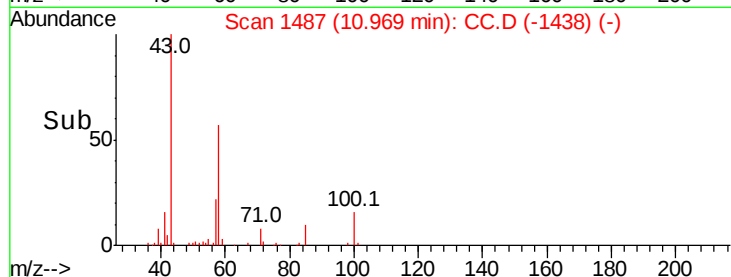
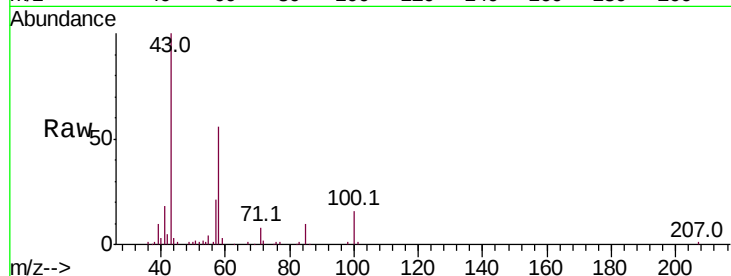
VSTDIC005

Tot Ion: 43 Resp: 30374

Ion Ratio Lower Upper

43 100

58 54.5 28.8 86.5



#60

Dibromochloromethane

Concen: 4.540 ug/l

RT: 11.13 min Scan# 1513

Delta R.T. -0.00 min

Lab File: CC.D

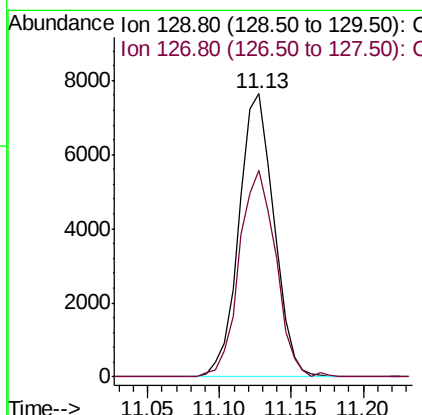
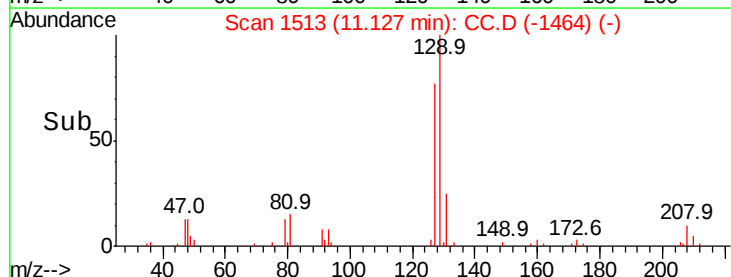
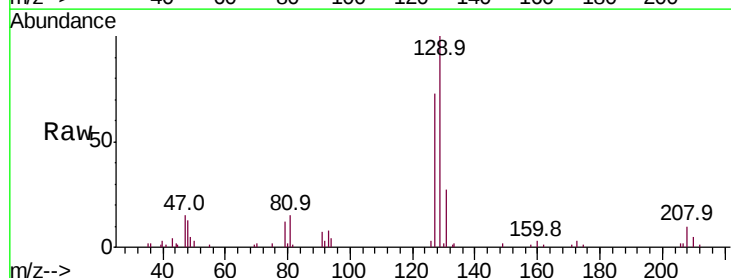
Acq: 01 Oct 2019 12:35

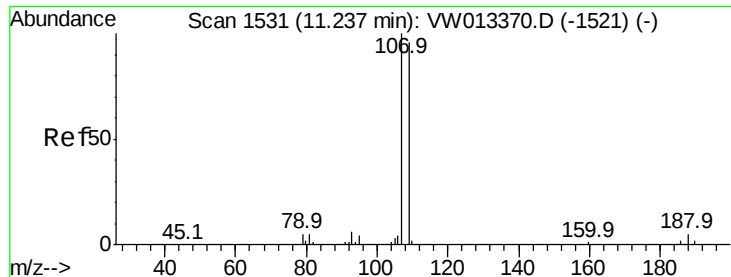
Tgt Ion: 129 Resp: 12897

Ion Ratio Lower Upper

129 100

127 76.2 38.6 115.7





#61

1,2-Dibromoethane

Concen: 4.591 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. -0.00 min

Lab File: CC.D

Acq: 01 Oct 2019 12:35

Instrument :

MSVOA_W

ClientSampleId :

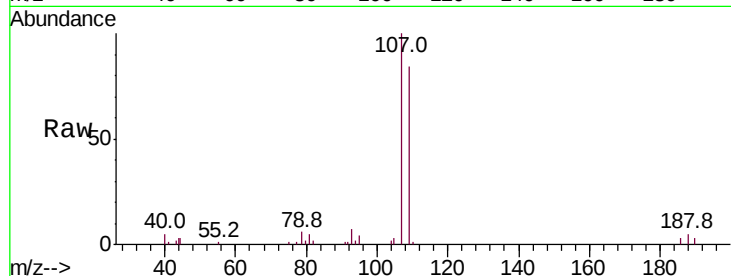
VSTDIC005

Tot Ion:107 Resp: 11484

Ion Ratio Lower Upper

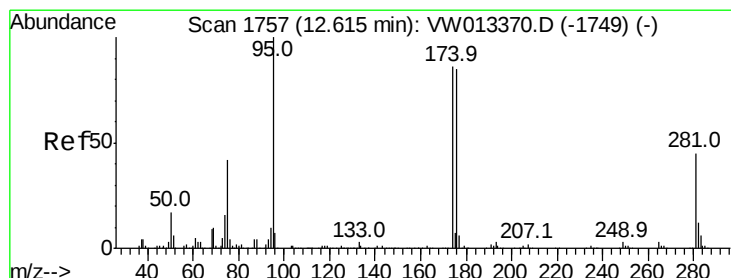
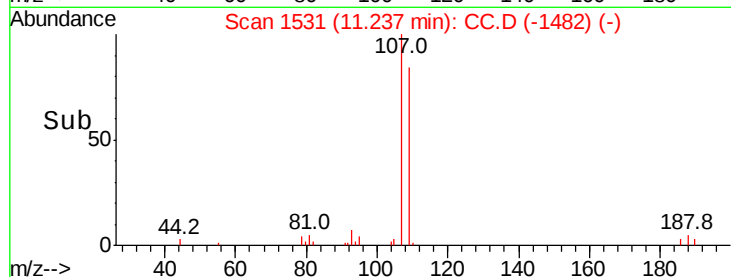
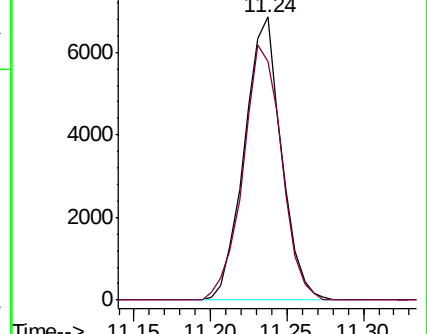
107 100

109 94.0 74.6 112.0



Abundance Ion 106.90 (106.60 to 107.60): C

Ion 108.80 (108.50 to 109.50): C



#62

4-Bromofluorobenzene

Concen: 5.409 ug/l

RT: 12.61 min Scan# 1757

Delta R.T. -0.00 min

Lab File: CC.D

Acq: 01 Oct 2019 12:35

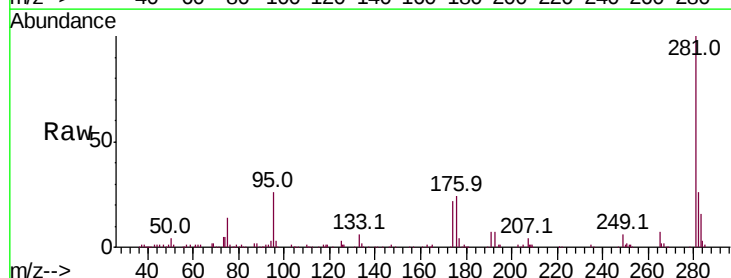
Tgt Ion: 95 Resp: 21082

Ion Ratio Lower Upper

95 100

174 89.8 0.0 184.6

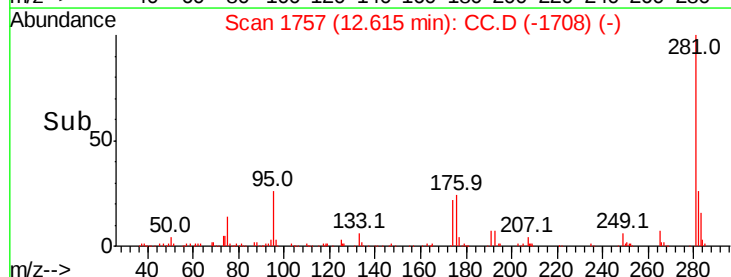
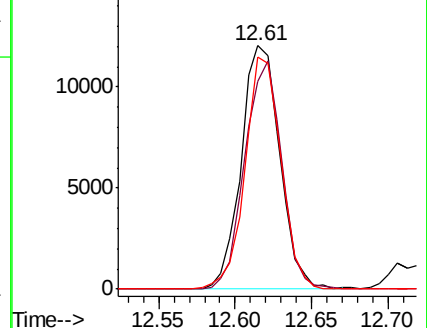
176 88.6 0.0 178.4

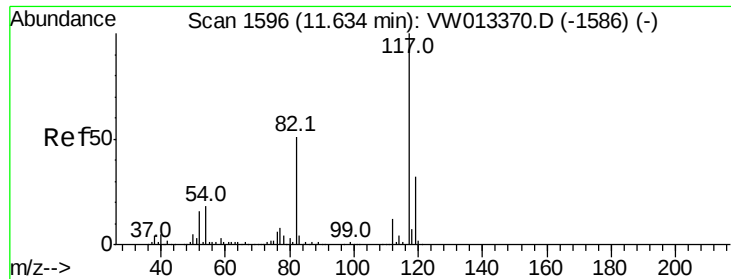


Abundance Ion 94.90 (94.60 to 95.60): CC.

Ion 173.80 (173.50 to 174.50): C

Ion 175.80 (175.50 to 176.50): C

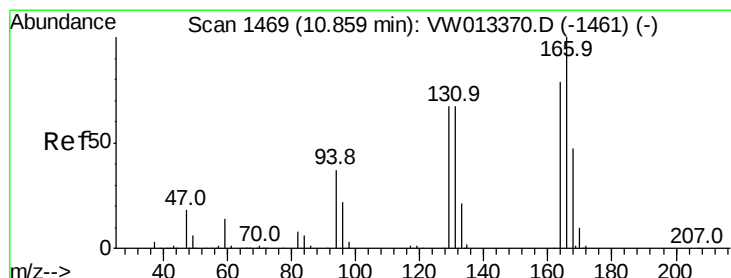
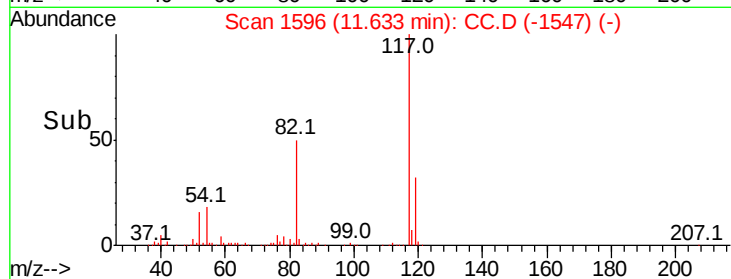
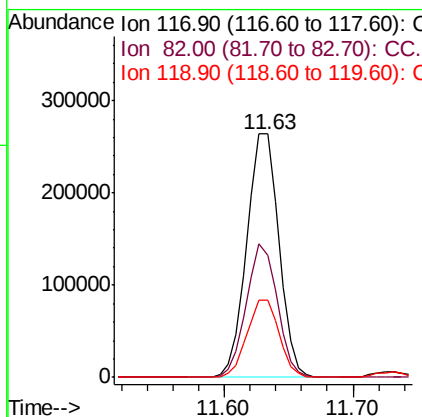
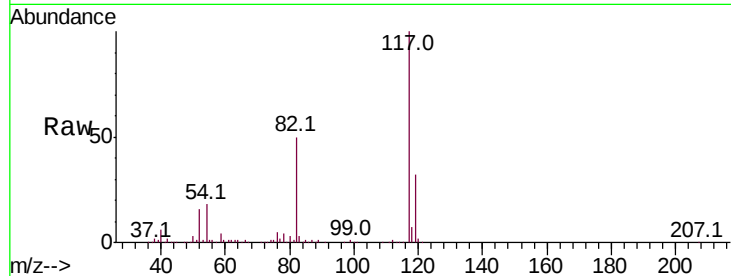




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: CC.D
Acq: 01 Oct 2019 12:35

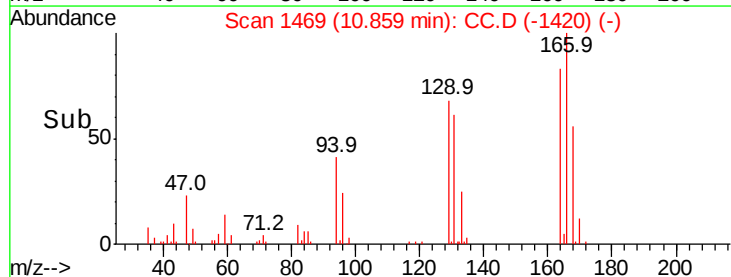
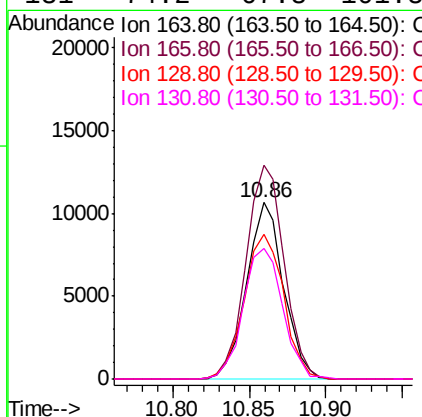
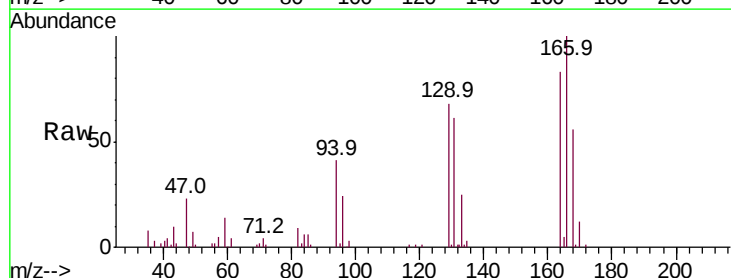
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

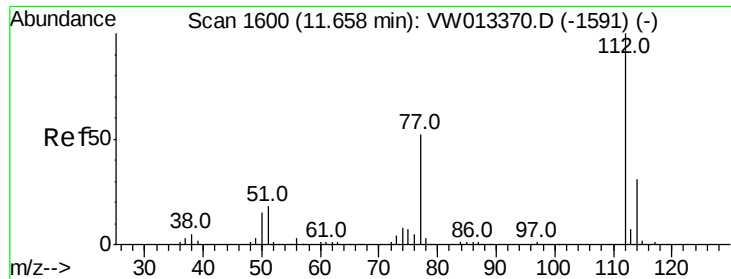
Tot Ion:117 Resp: 454823
Ion Ratio Lower Upper
117 100
82 50.1 40.5 60.7
119 31.9 25.9 38.9



#64
Tetrachloroethene
Concen: 4.910 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: CC.D
Acq: 01 Oct 2019 12:35

Tgt Ion:164 Resp: 17843
Ion Ratio Lower Upper
164 100
166 121.2 101.4 152.2
129 82.4 68.0 102.0
131 74.2 67.8 101.8

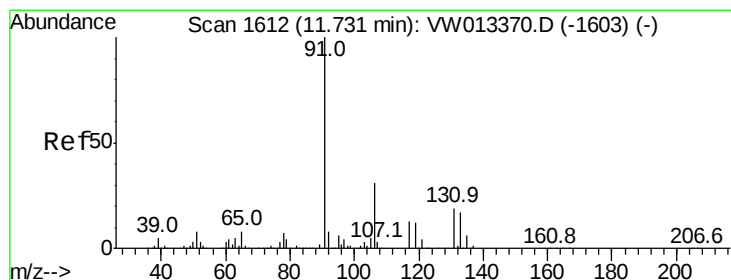
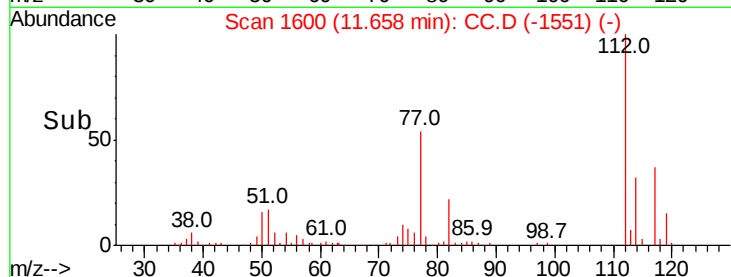
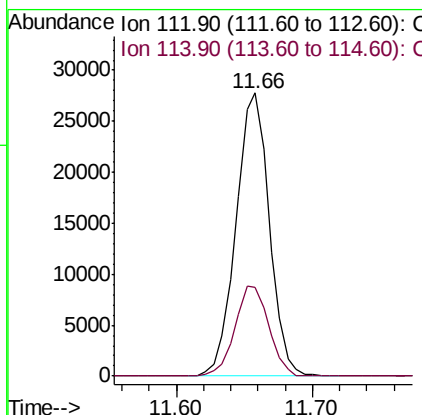
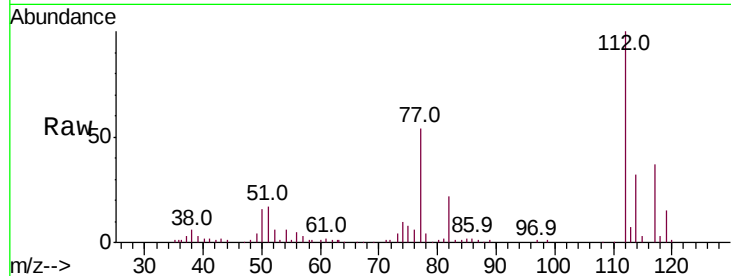




#65
Chlorobenzene
Concen: 4.859 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: CC.D
Acq: 01 Oct 2019 12:35

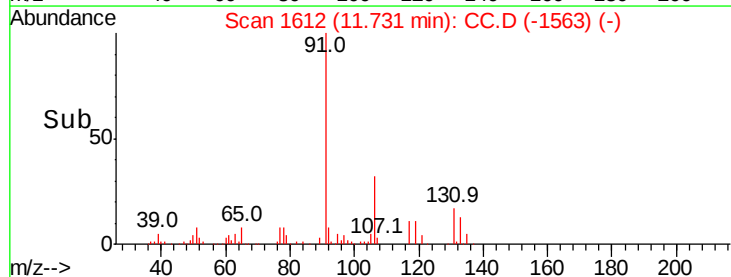
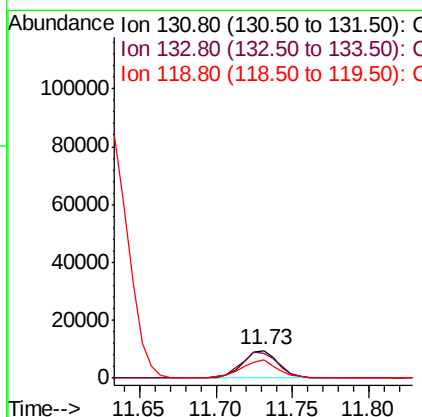
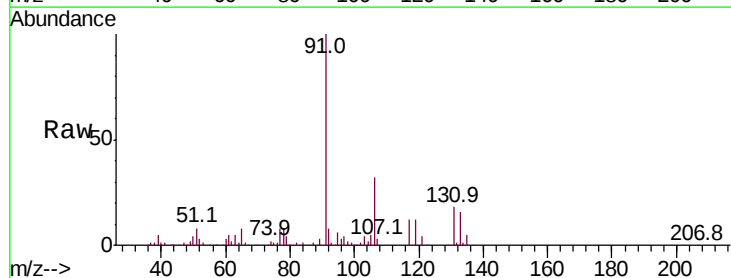
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

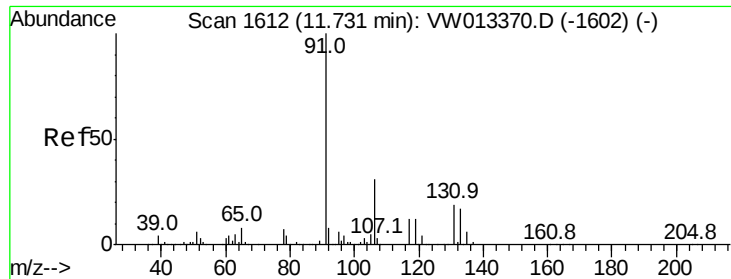
Tot Ion:112 Resp: 47363
Ion Ratio Lower Upper
112 100
114 31.5 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 4.787 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: CC.D
Acq: 01 Oct 2019 12:35

Tgt Ion:131 Resp: 15456
Ion Ratio Lower Upper
131 100
133 100.0 47.5 142.6
119 65.0 31.9 95.9

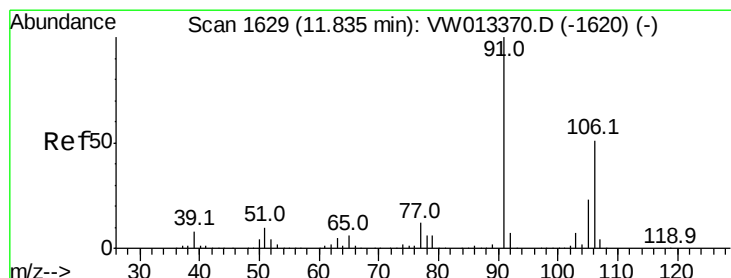
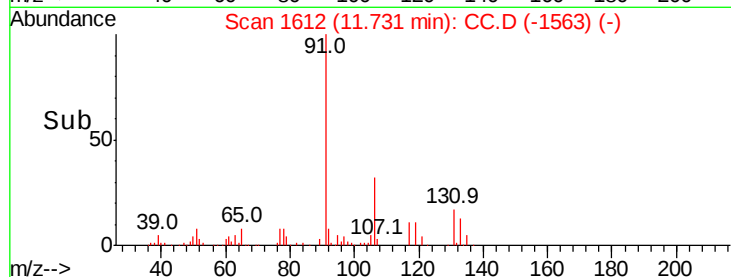
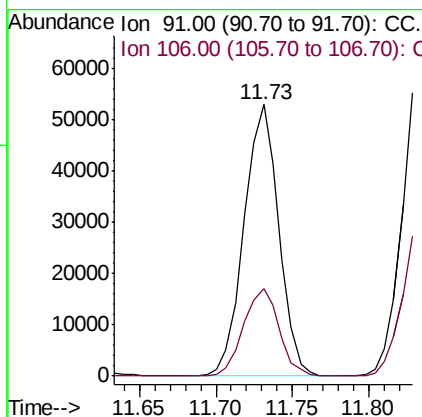
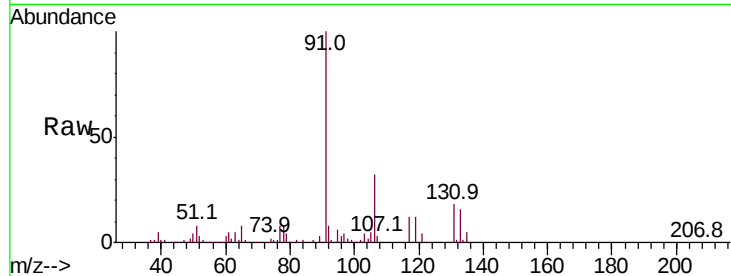




#67
Ethyl Benzene
Concen: 4.798 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: CC.D
Acq: 01 Oct 2019 12:35

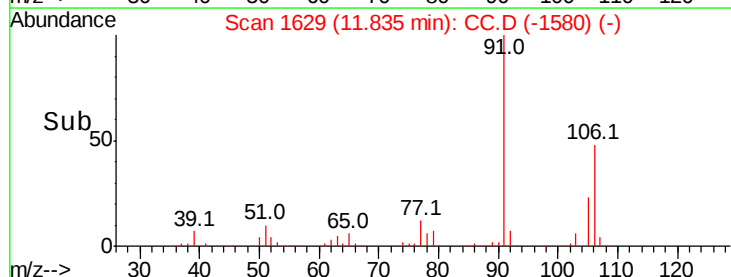
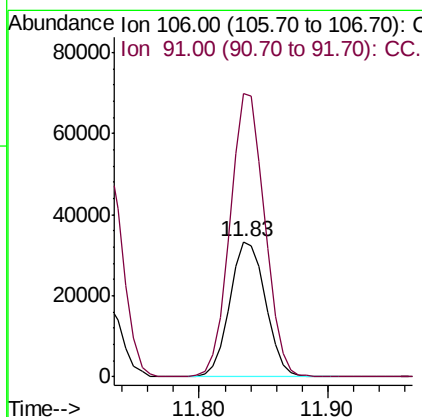
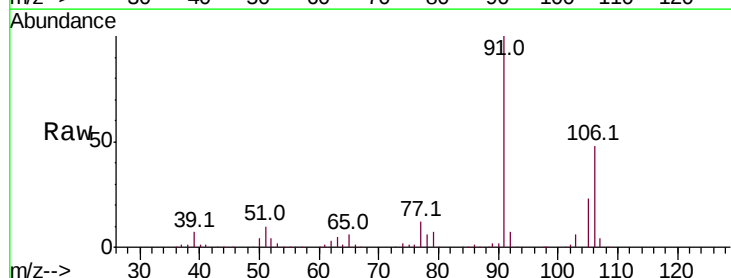
Instrument :
MSVOA_W
ClientSampled :
VSTDIC005

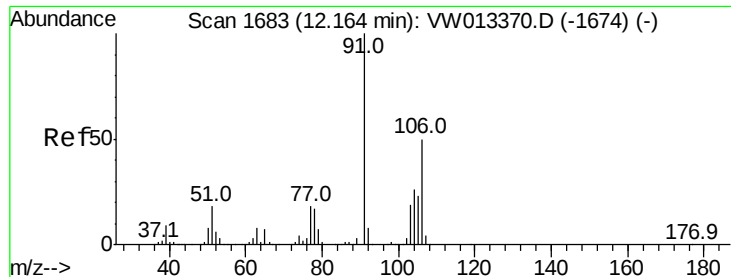
Tot Ion: 91 Resp: 83586
Ion Ratio Lower Upper
91 100
106 32.3 24.9 37.3



#68
m/p-Xylenes
Concen: 9.547 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. -0.00 min
Lab File: CC.D
Acq: 01 Oct 2019 12:35

Tgt Ion: 106 Resp: 64392
Ion Ratio Lower Upper
106 100
91 203.7 160.5 240.7

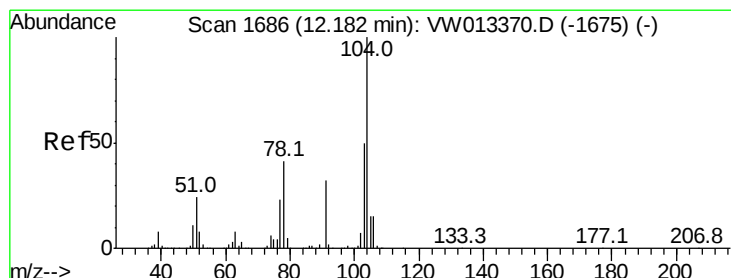
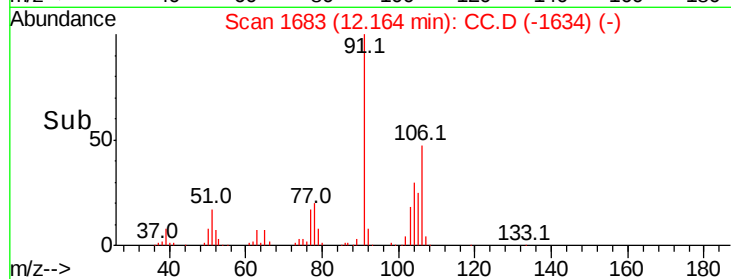
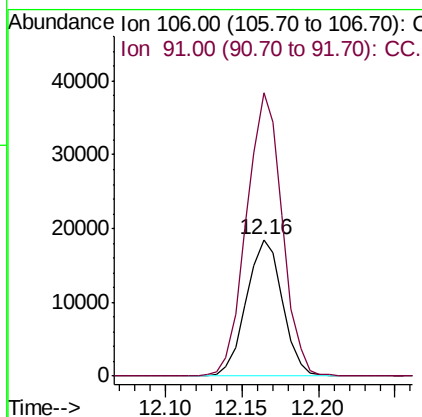
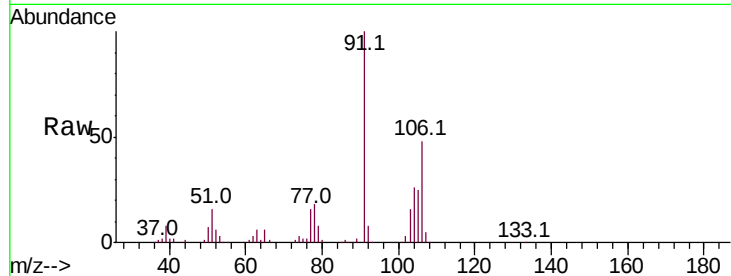




#69
o-Xylene
Concen: 4.926 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: CC.D
Acq: 01 Oct 2019 12:35

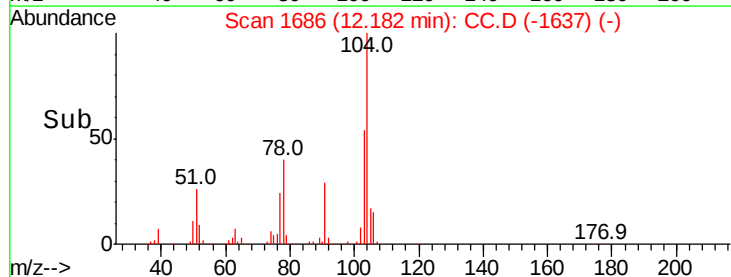
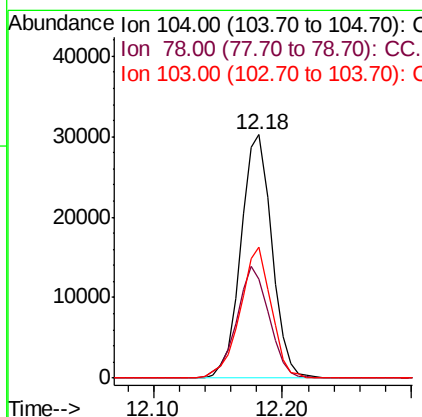
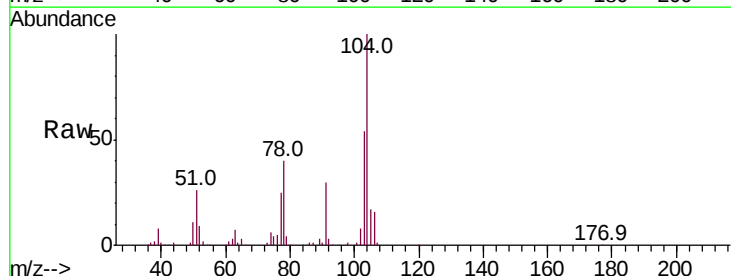
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

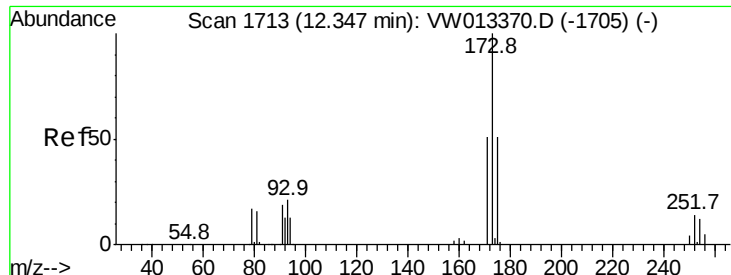
Tot Ion:106 Resp: 30272
Ion Ratio Lower Upper
106 100
91 206.5 104.4 313.1



#70
Styrene
Concen: 4.759 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: CC.D
Acq: 01 Oct 2019 12:35

Tgt Ion:104 Resp: 50225
Ion Ratio Lower Upper
104 100
78 48.2 37.4 56.2
103 54.0 43.2 64.8

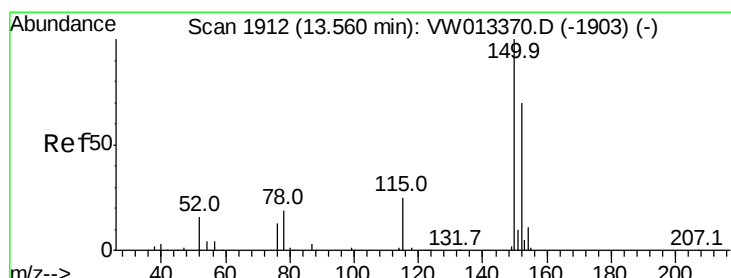
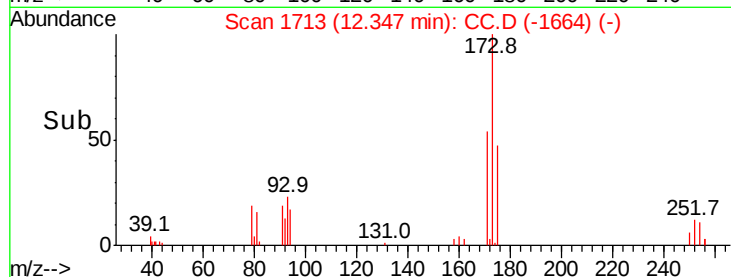
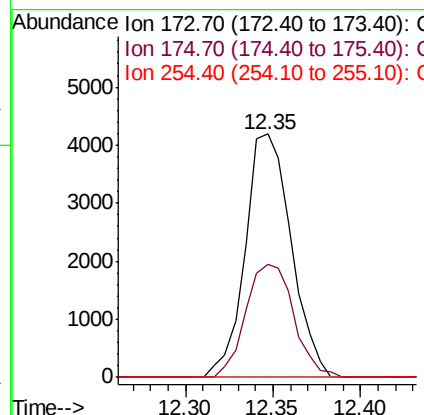
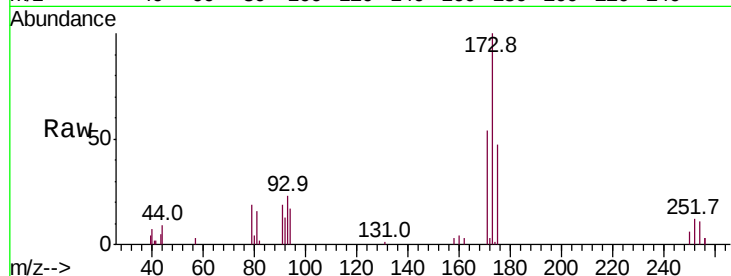




#71
Bromoform
Concen: 4.384 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. -0.00 min
Lab File: CC.D
Acq: 01 Oct 2019 12:35

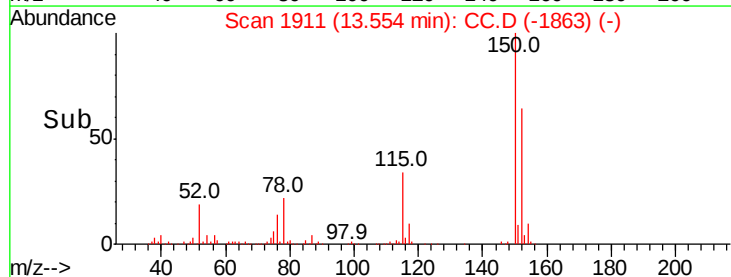
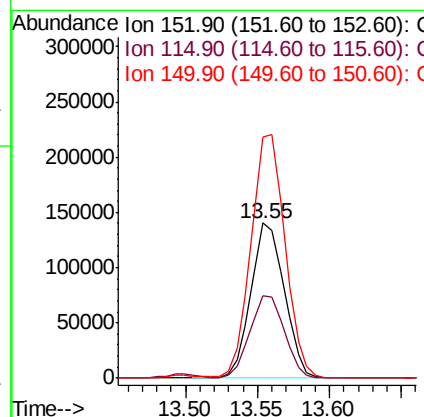
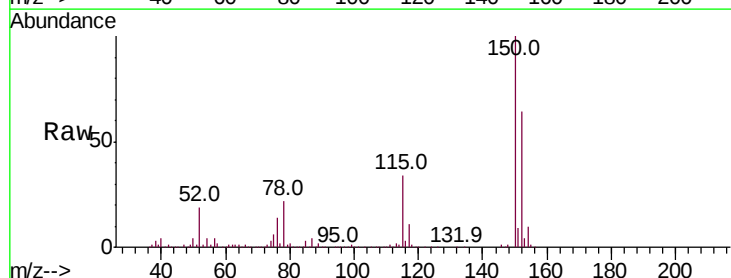
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

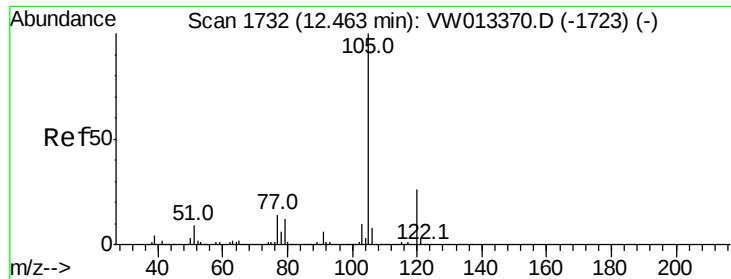
Tot Ion:173 Resp: 7702
Ion Ratio Lower Upper
173 100
175 48.5 24.1 72.4
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. -0.01 min
Lab File: CC.D
Acq: 01 Oct 2019 12:35

Tgt Ion:152 Resp: 224886
Ion Ratio Lower Upper
152 100
115 55.0 27.2 81.5
150 160.1 0.0 344.6





#73

Isopropylbenzene

Concen: 4.977 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: CC.D

Acq: 01 Oct 2019 12:35

Instrument :

MSVOA_W

ClientSampleId :

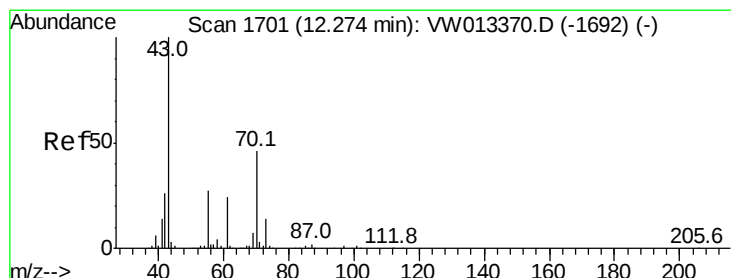
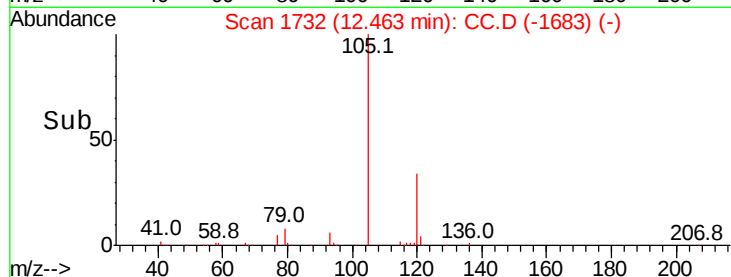
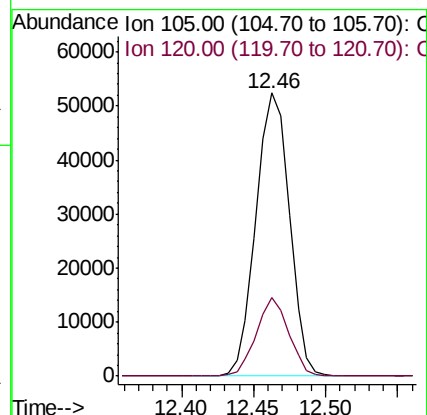
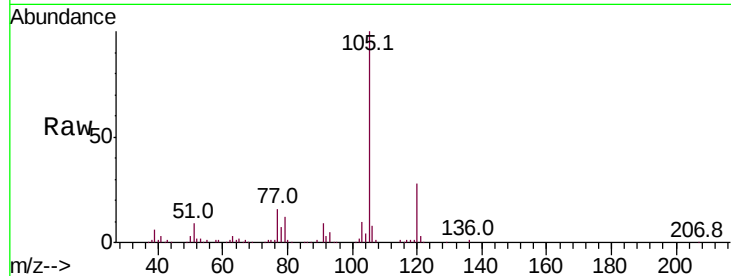
VSTDIC005

Tot Ion:105 Resp: 84264

Ion Ratio Lower Upper

105 100

120 26.7 13.3 39.8



#74

N-ethyl acetate

Concen: 4.074 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: CC.D

Acq: 01 Oct 2019 12:35

Tgt Ion: 43 Resp: 14879

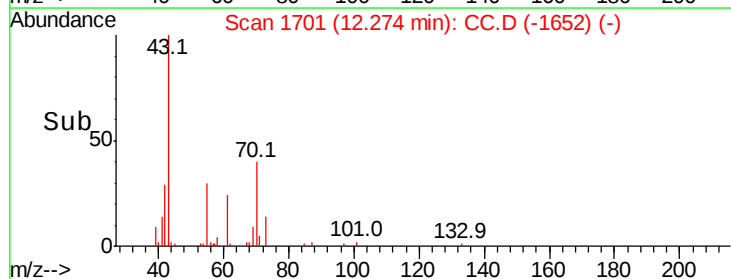
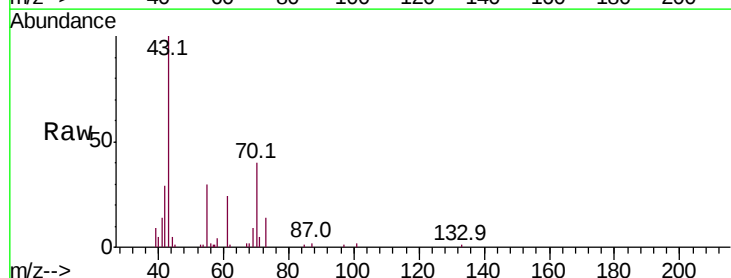
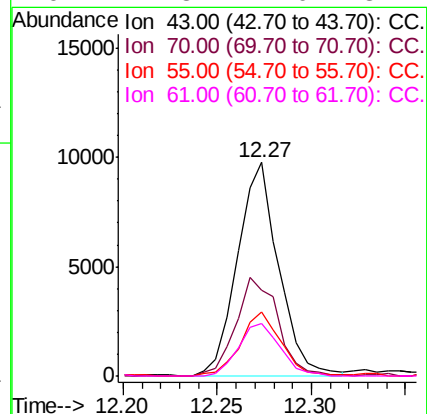
Ion Ratio Lower Upper

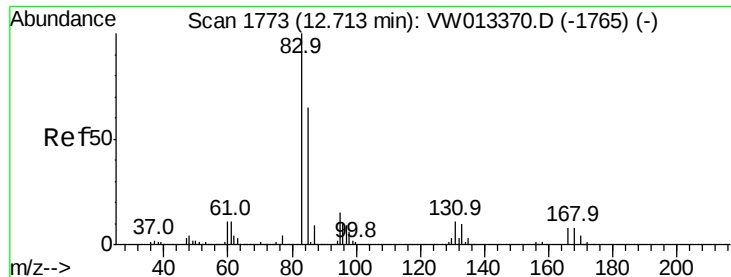
43 100

70 47.1 36.6 55.0

55 29.7 21.0 31.6

61 24.8 21.0 31.4





#75

1,1,2,2-Tetrachloroethane

Concen: 4.510 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: CC.D

Acq: 01 Oct 2019 12:35

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

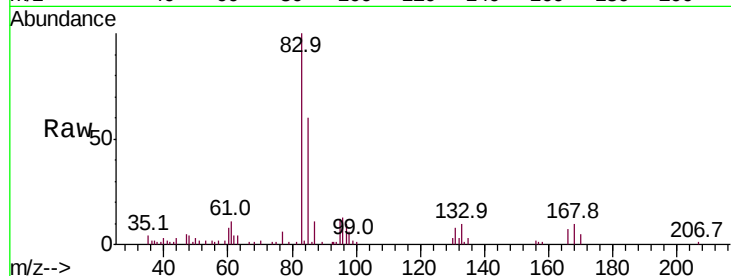
Tot Ion: 83 Resp: 13098

Ion Ratio Lower Upper

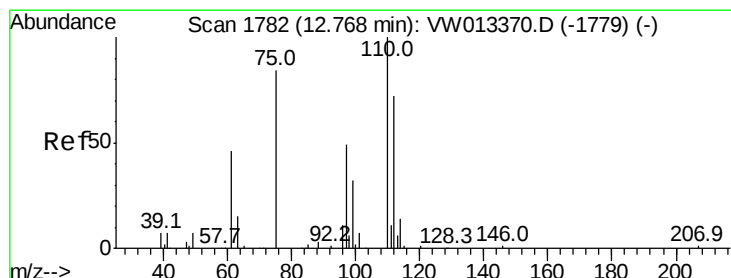
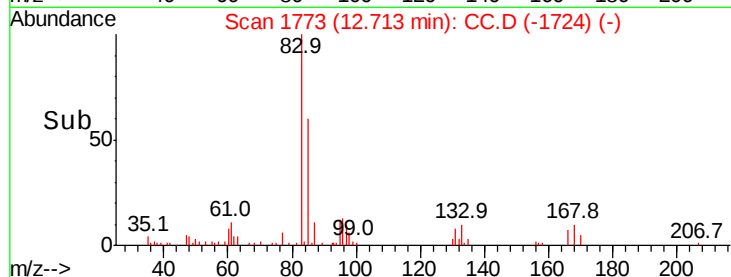
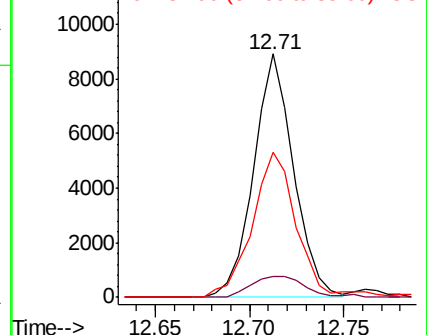
83 100

131 11.6 5.6 16.8

85 66.5 33.1 99.2



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: 7.875 ug/l

RT: 12.76 min Scan# 1781

Delta R.T. -0.01 min

Lab File: CC.D

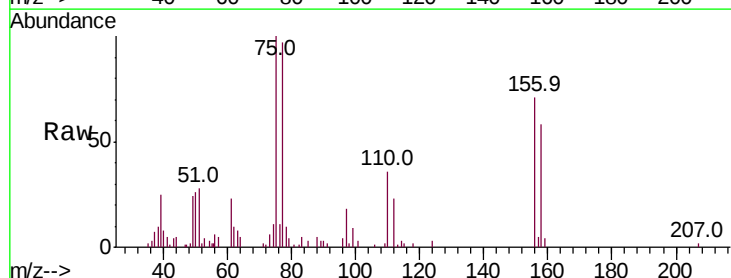
Acq: 01 Oct 2019 12:35

Tgt Ion: 75 Resp: 16014

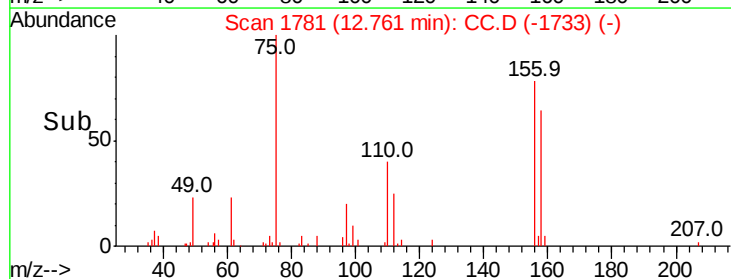
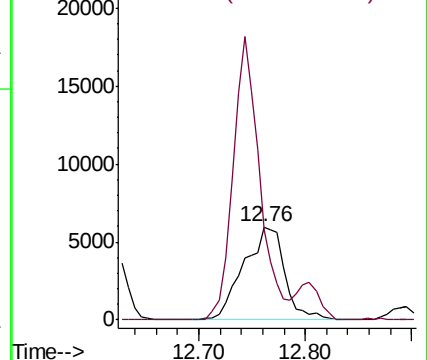
Ion Ratio Lower Upper

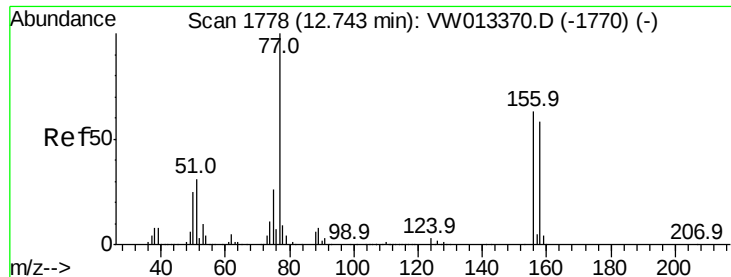
75 100

77 200.2 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: 5.091 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. -0.00 min

Lab File: CC.D

Acq: 01 Oct 2019 12:35

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

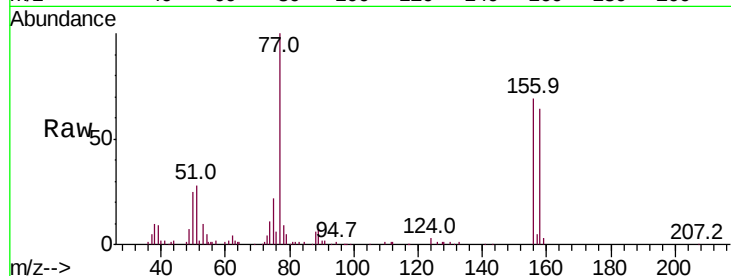
Tot Ion:156 Resp: 20518

Ion Ratio Lower Upper

156 100

77 156.3 86.7 260.1

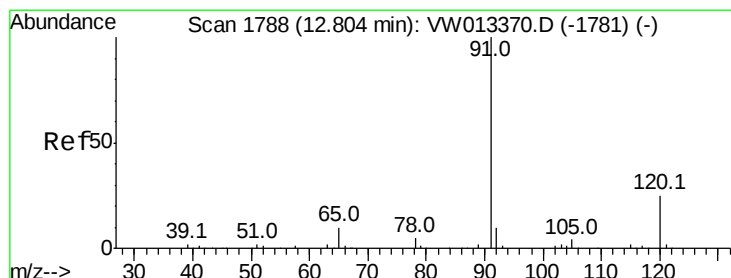
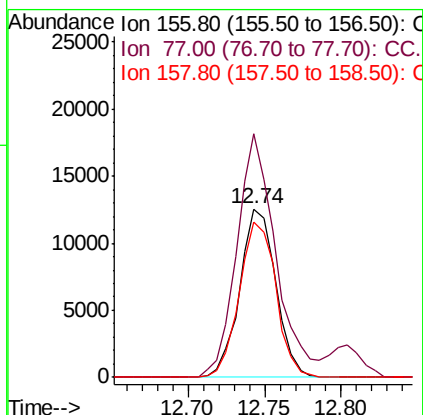
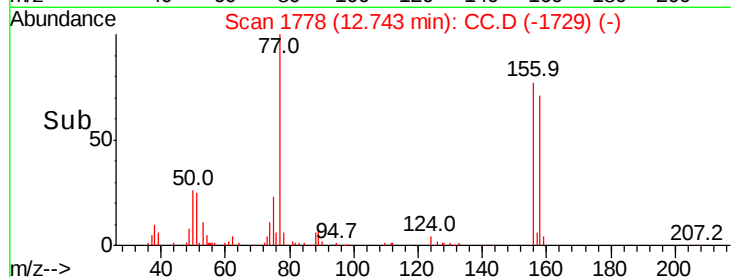
158 93.9 48.6 145.9



Abundance Ion 155.80 (155.50 to 156.50): C

Ion 77.00 (76.70 to 77.70): CC.

Ion 157.80 (157.50 to 158.50): C



#78

n-propylbenzene

Concen: 4.916 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: CC.D

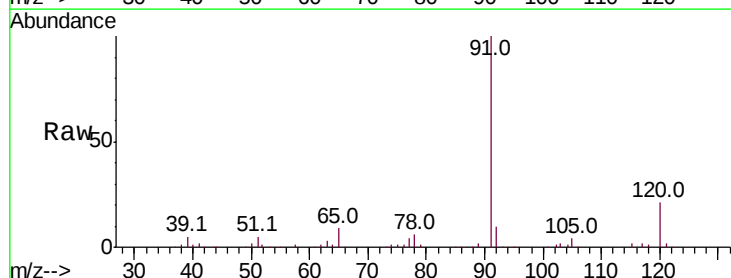
Acq: 01 Oct 2019 12:35

Tgt Ion: 91 Resp: 95344

Ion Ratio Lower Upper

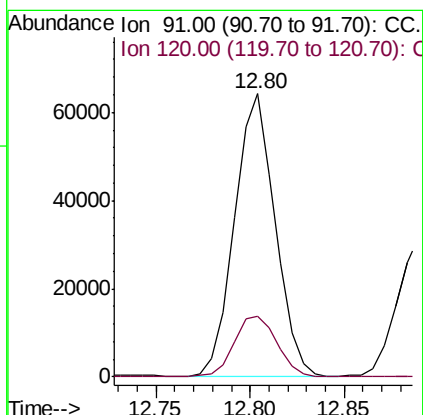
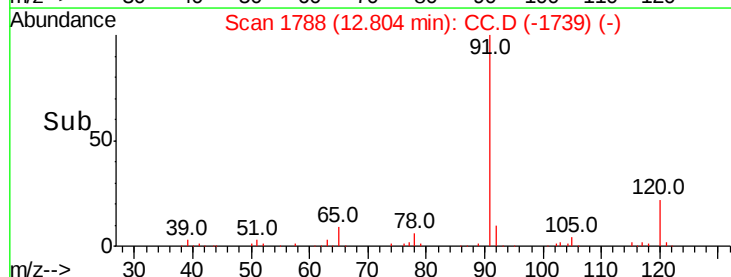
91 100

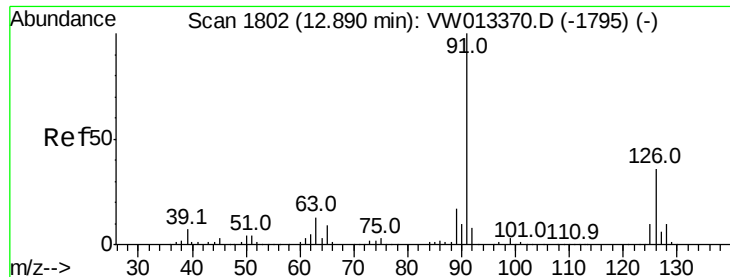
120 23.0 12.1 36.3



Abundance Ion 91.00 (90.70 to 91.70): CC.

Ion 120.00 (119.70 to 120.70): C

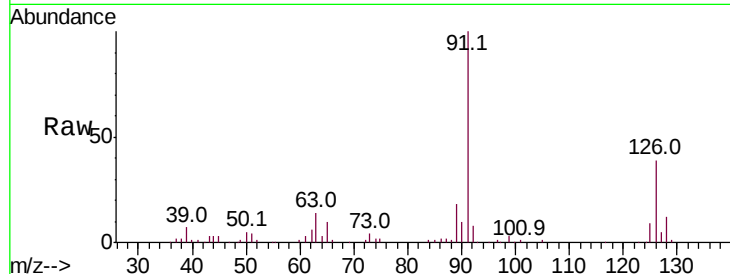




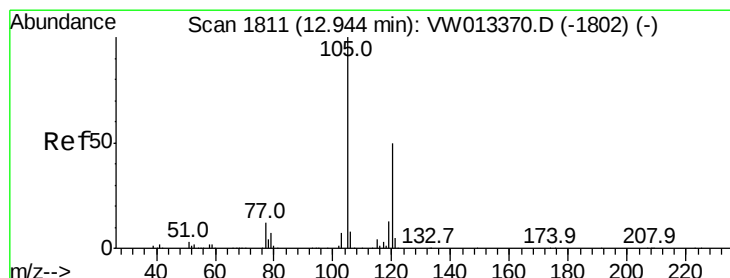
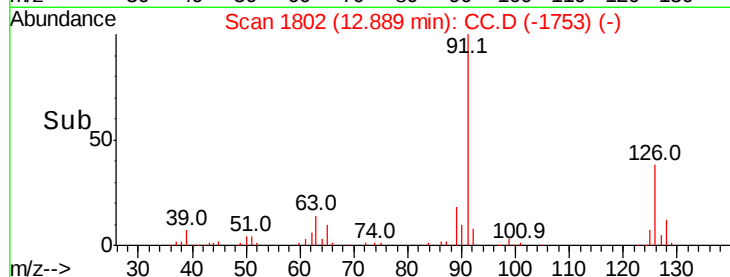
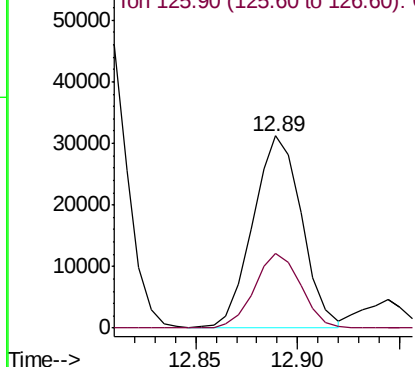
#79
 2-Chlorotoluene
 Concen: 4.733 ug/l
 RT: 12.89 min Scan# 1802
 Delta R.T. -0.00 min
 Lab File: CC.D
 Acq: 01 Oct 2019 12:35

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Tot Ion: 91 Resp: 51874
 Ion Ratio Lower Upper
 91 100
 126 37.1 17.6 52.9

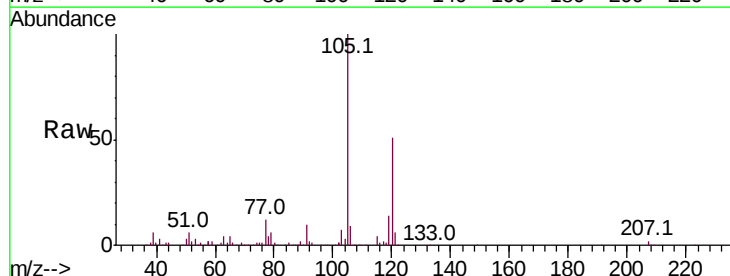


Abundance Ion 91.00 (90.70 to 91.70): CC.D
 Ion 125.90 (125.60 to 126.60): CC.D

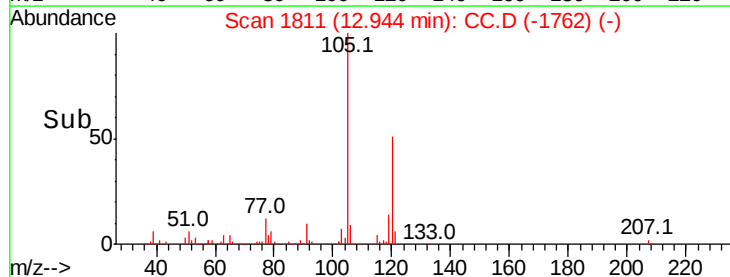
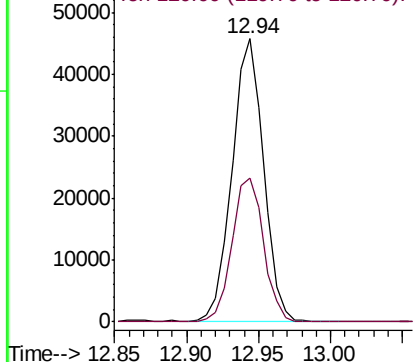


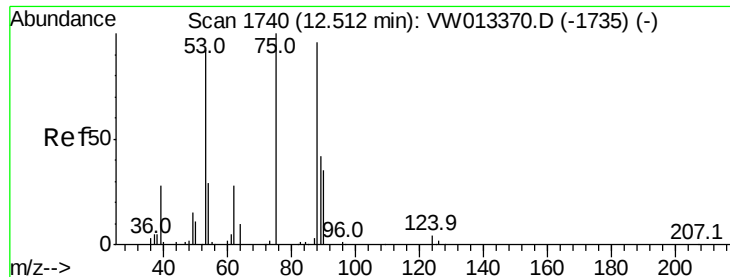
#80
 1,3,5-Trimethylbenzene
 Concen: 4.911 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. -0.00 min
 Lab File: CC.D
 Acq: 01 Oct 2019 12:35

Tgt Ion: 105 Resp: 69996
 Ion Ratio Lower Upper
 105 100
 120 50.7 24.9 74.8



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: 3.723 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. -0.00 min

Lab File: CC.D

Acq: 01 Oct 2019 12:35

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

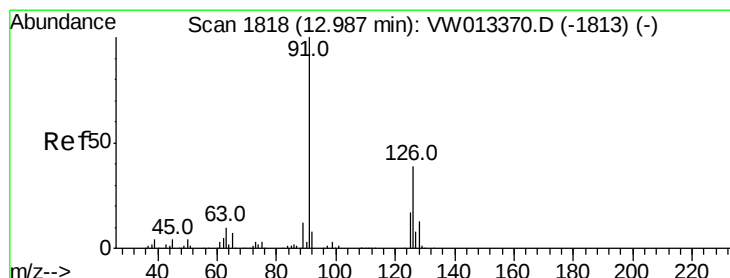
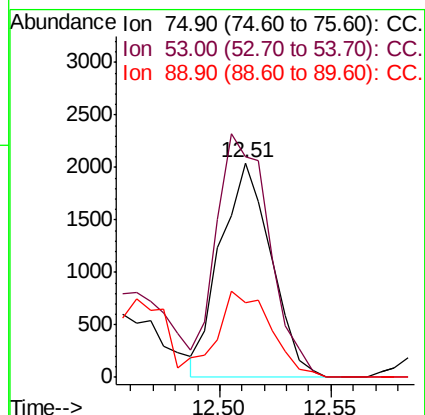
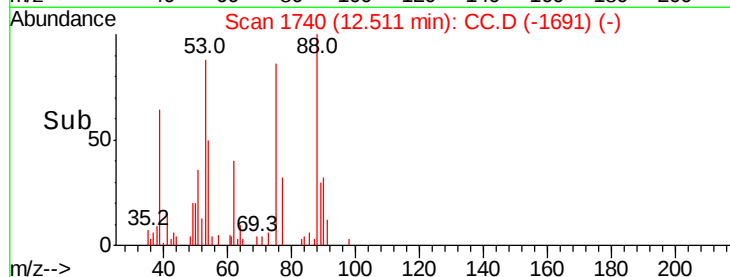
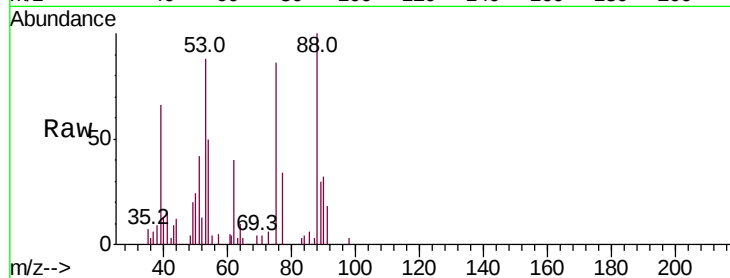
Tot Ion: 75 Resp: 3246

Ion Ratio Lower Upper

75 100

53 117.9 75.0 112.6#

89 41.3 37.6 56.4



#82

4-Chlorotoluene

Concen: 4.990 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. -0.00 min

Lab File: CC.D

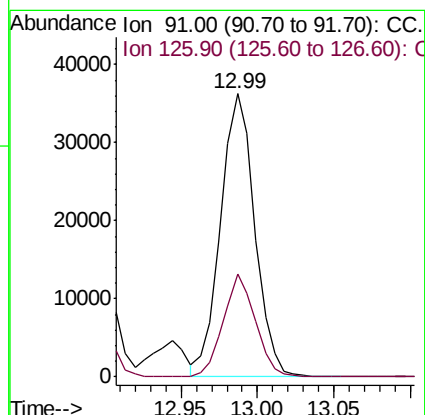
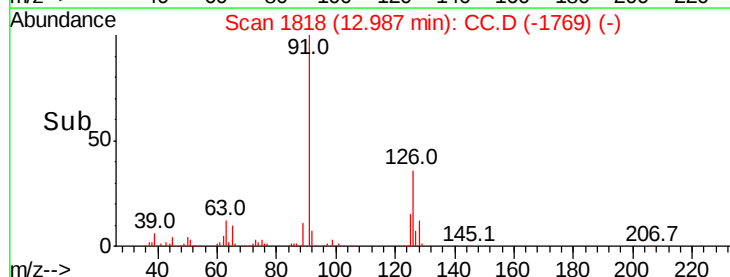
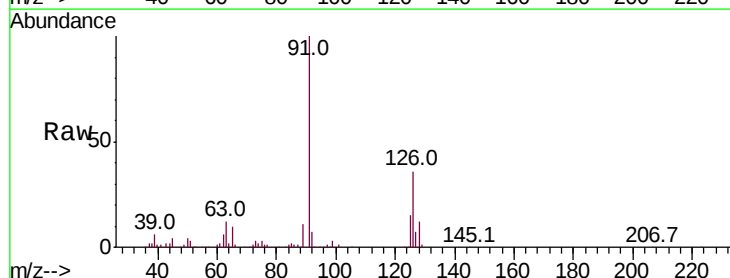
Acq: 01 Oct 2019 12:35

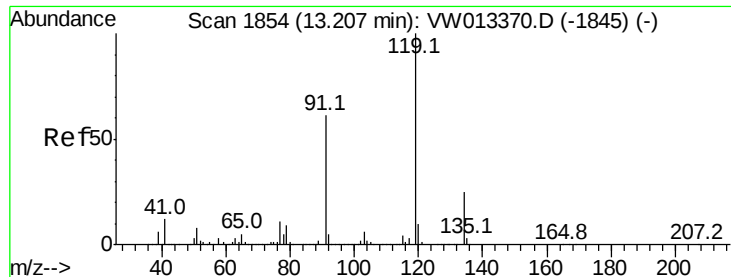
Tgt Ion: 91 Resp: 56346

Ion Ratio Lower Upper

91 100

126 34.1 18.1 54.4

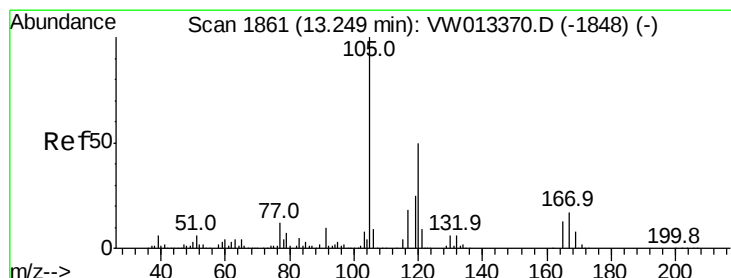
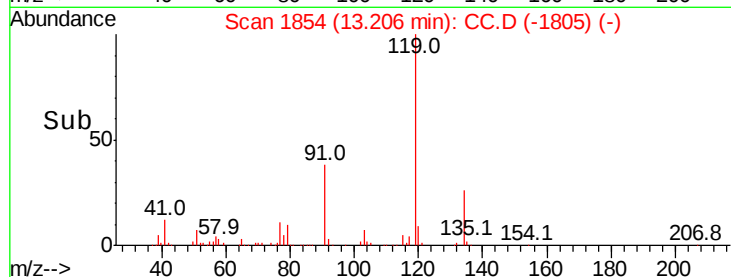
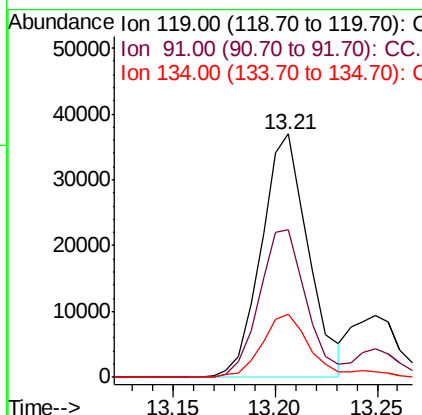
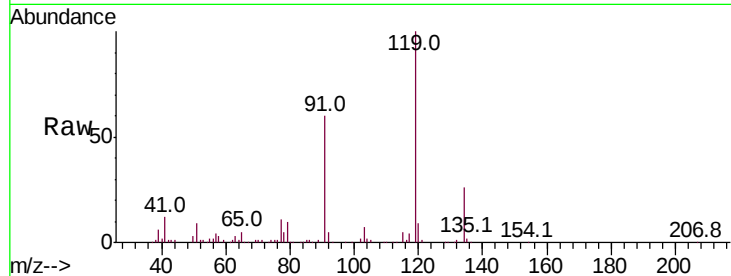




#83
tert-Butylbenzene
Concen: 4.733 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. -0.00 min
Lab File: CC.D
Acq: 01 Oct 2019 12:35

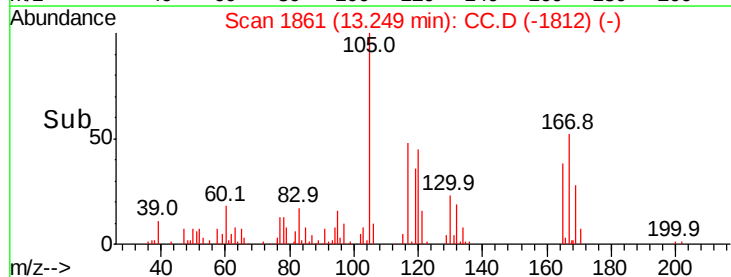
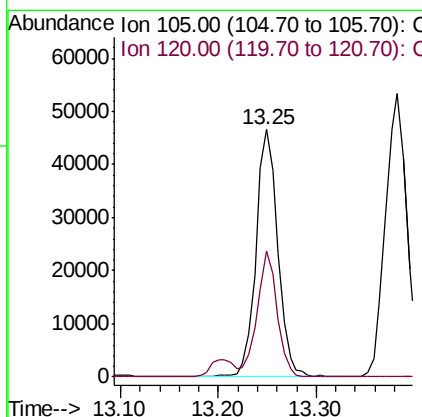
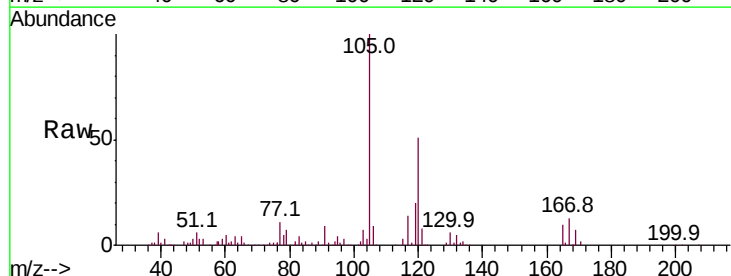
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

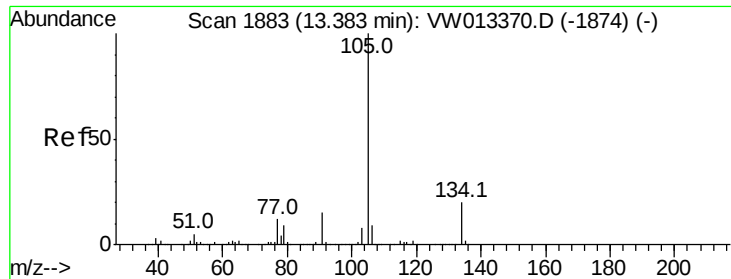
Tot Ion	Ratio	Lower	Upper
119	100		
91	60.3	29.9	89.7
134	25.9	13.9	41.6



#84
1,2,4-Trimethylbenzene
Concen: 5.099 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. -0.00 min
Lab File: CC.D
Acq: 01 Oct 2019 12:35

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.7	23.6	70.8





#85

sec-Butylbenzene

Concen: 4.718 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. -0.00 min

Lab File: CC.D

Acq: 01 Oct 2019 12:35

Instrument :

MSVOA_W

ClientSampleId :

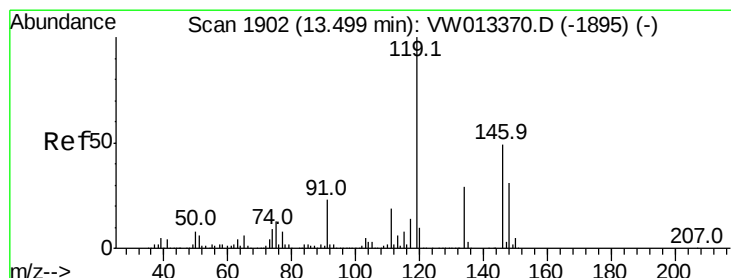
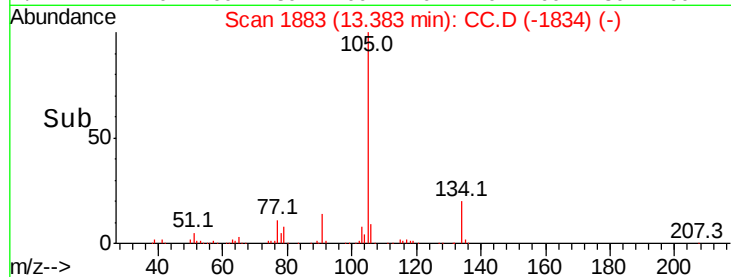
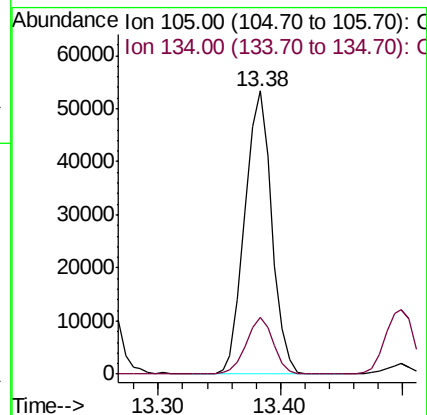
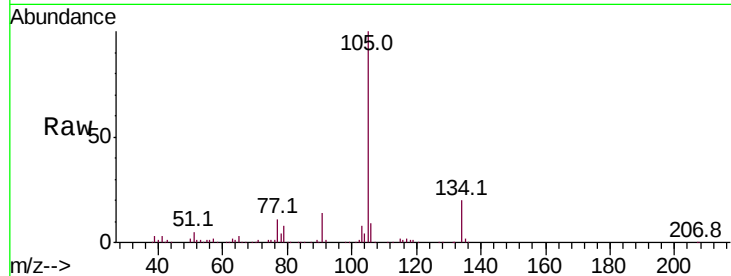
VSTDIC005

Tot Ion:105 Resp: 81574

Ion Ratio Lower Upper

105 100

134 20.1 10.2 30.4



#86

p-Isopropyltoluene

Concen: 4.610 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: CC.D

Acq: 01 Oct 2019 12:35

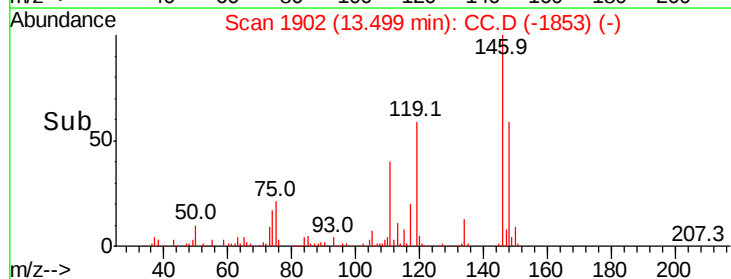
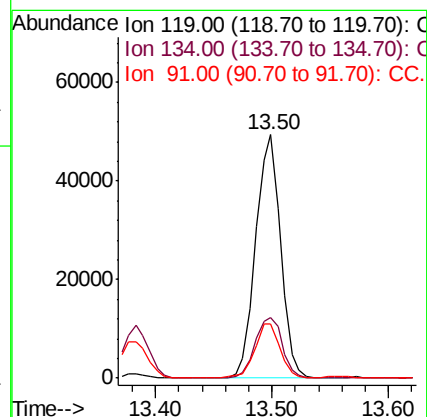
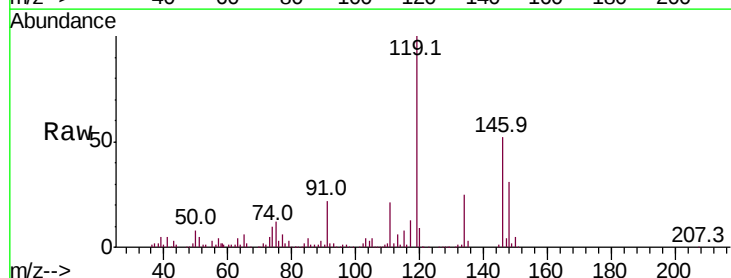
Tgt Ion:119 Resp: 73928

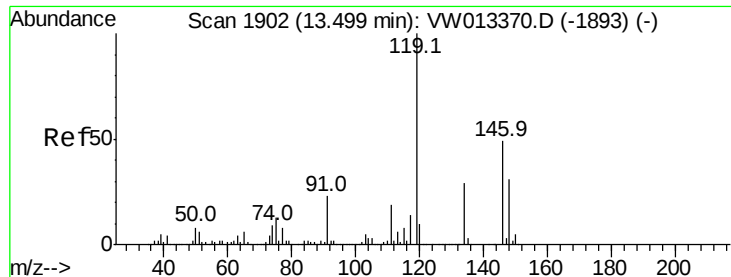
Ion Ratio Lower Upper

119 100

134 26.8 13.4 40.2

91 22.9 11.1 33.1





#87

1,3-Dichlorobenzene

Concen: 5.016 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

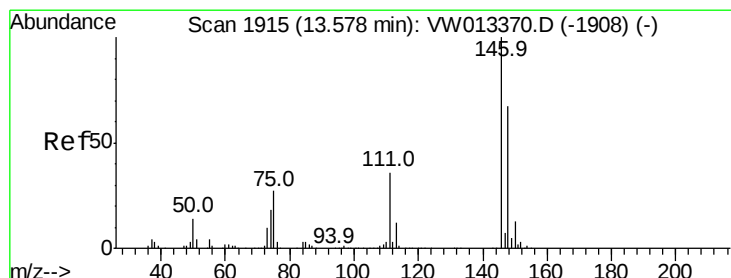
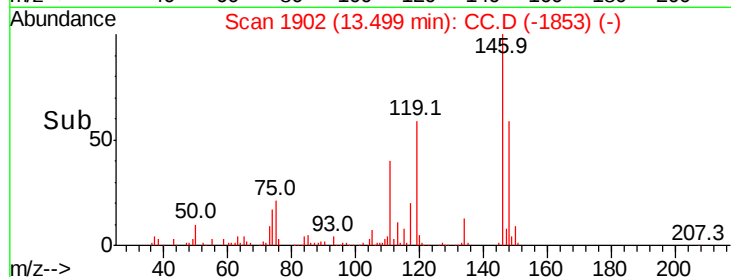
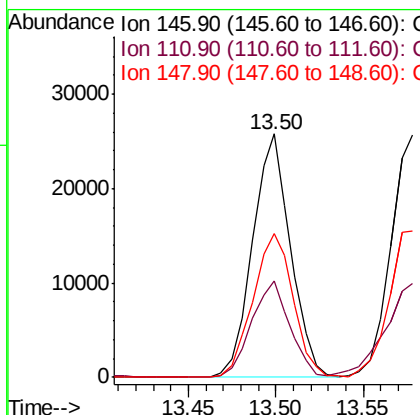
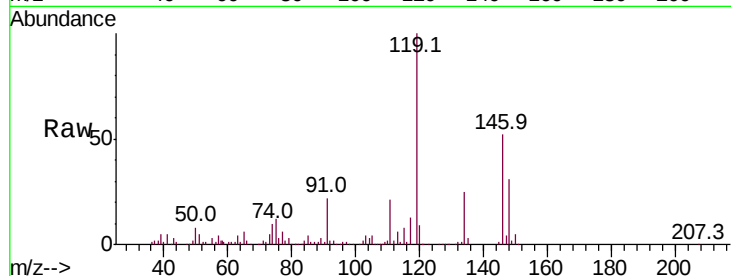
Lab File: CC.D

Acq: 01 Oct 2019 12:35

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tot Ion:146 Resp: 39137

Ion	Ratio	Lower	Upper
146	100		
111	40.2	18.9	56.7
148	62.5	31.8	95.3



#88

1,4-Dichlorobenzene

Concen: 5.159 ug/l

RT: 13.58 min Scan# 1915

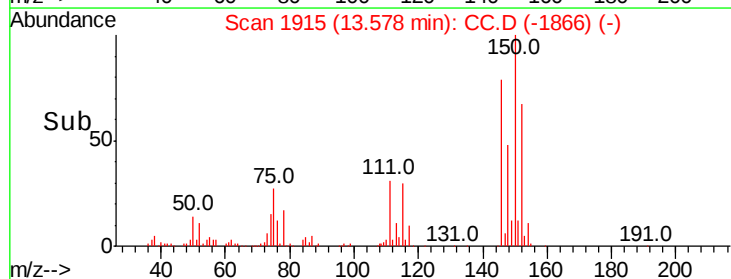
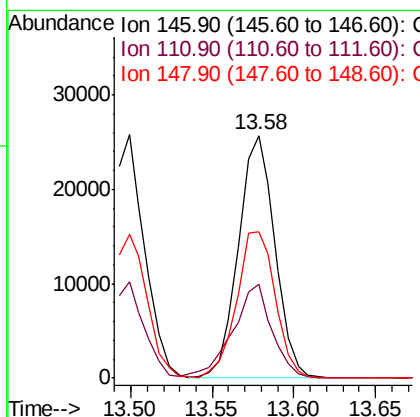
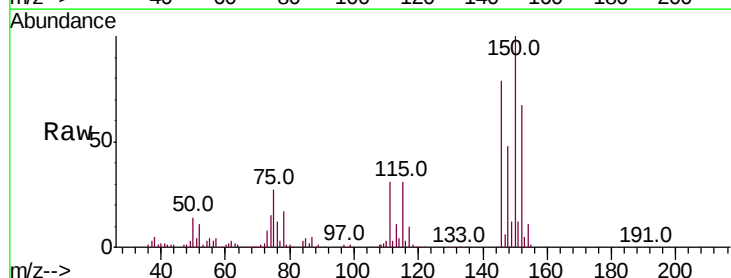
Delta R.T. -0.00 min

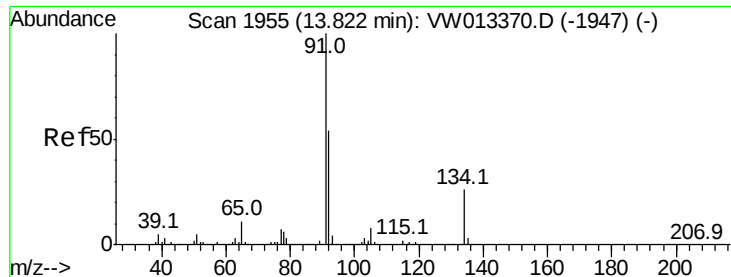
Lab File: CC.D

Acq: 01 Oct 2019 12:35

Tgt Ion:146 Resp: 40035

Ion	Ratio	Lower	Upper
146	100		
111	41.7	18.2	54.6
148	64.1	32.4	97.0

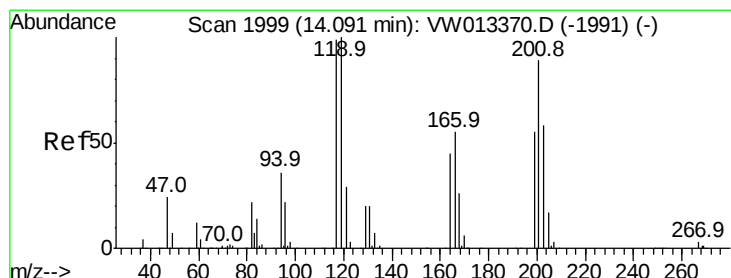
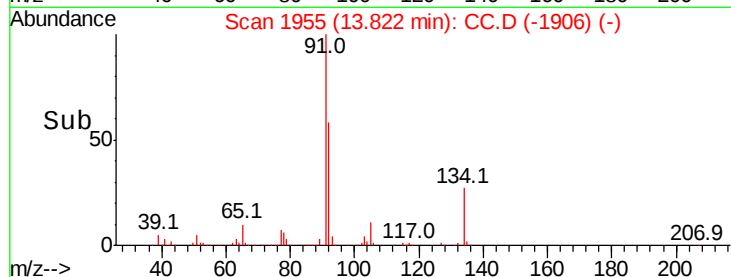
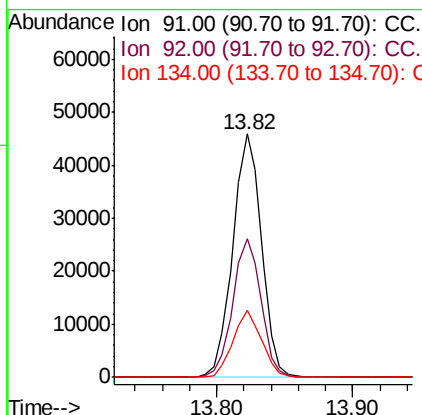
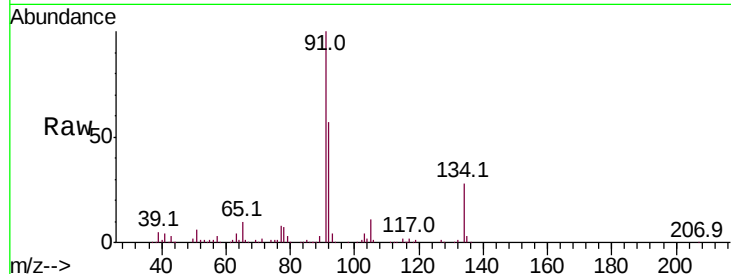




#89
n-Butylbenzene
Concen: 4.665 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. -0.00 min
Lab File: CC.D
Acq: 01 Oct 2019 12:35

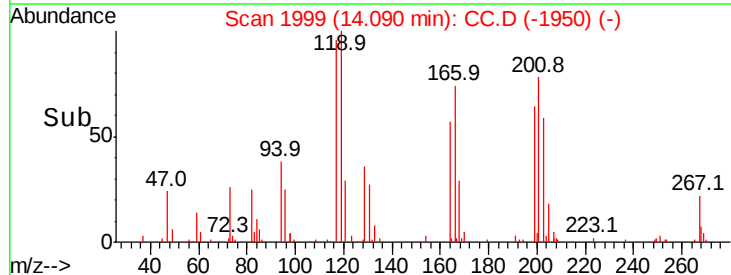
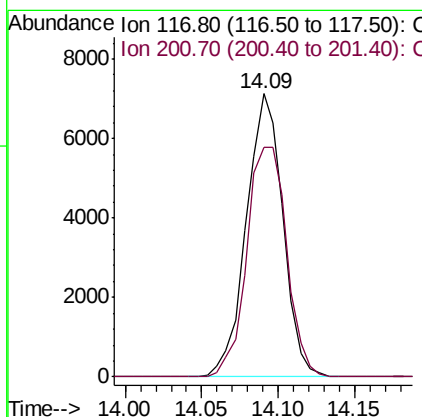
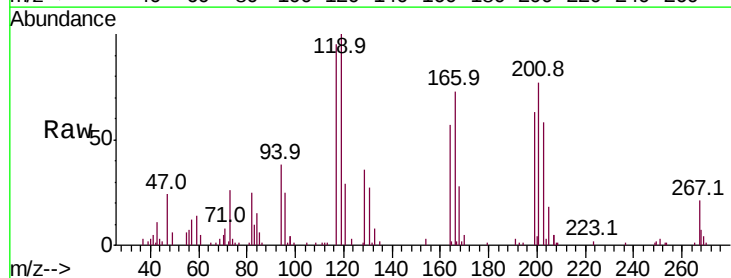
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

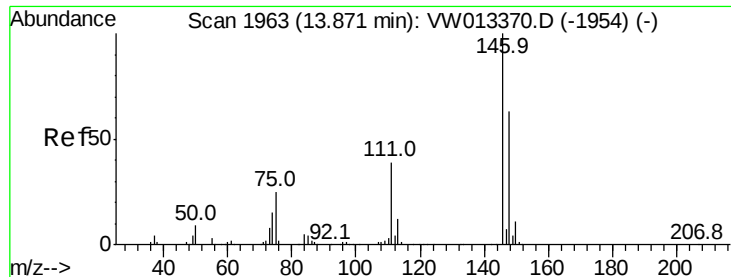
Tot Ion: 91 Resp: 67488
Ion Ratio Lower Upper
91 100
92 55.9 27.3 81.8
134 27.2 13.8 41.4



#90
Hexachloroethane
Concen: 4.512 ug/l
RT: 14.09 min Scan# 1999
Delta R.T. -0.00 min
Lab File: CC.D
Acq: 01 Oct 2019 12:35

Tgt Ion: 117 Resp: 11830
Ion Ratio Lower Upper
117 100
201 88.8 46.9 140.6

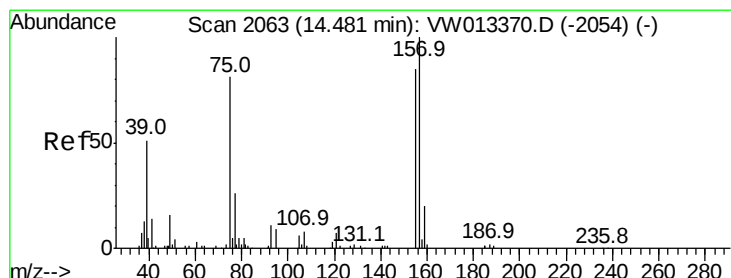
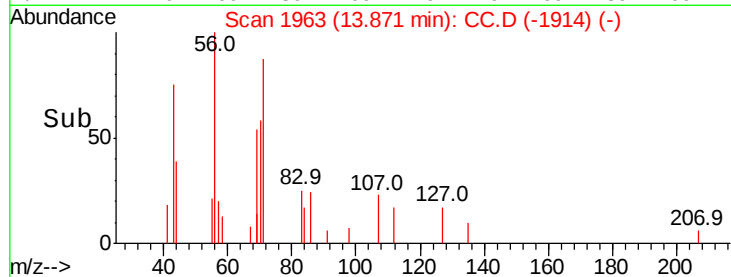
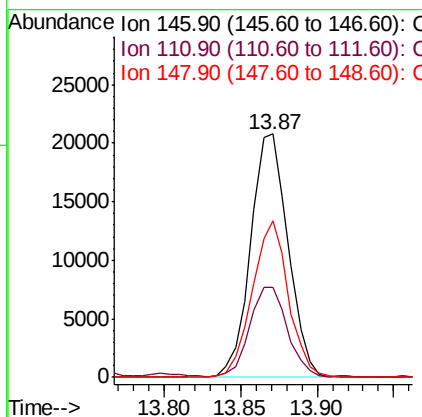
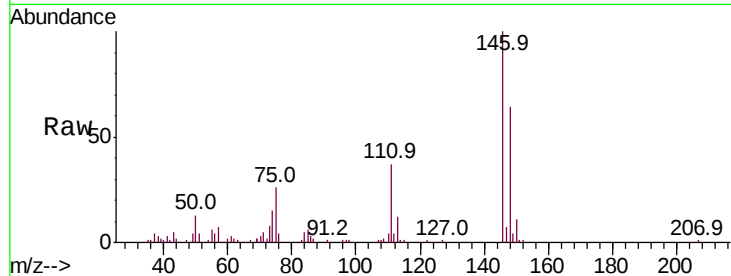




#91
 1,2-Dichlorobenzene
 Concen: 5.156 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: CC.D
 Acq: 01 Oct 2019 12:35

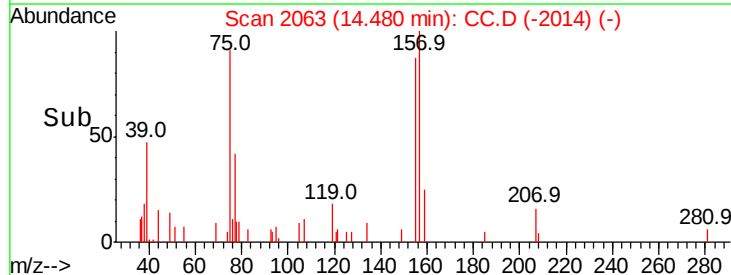
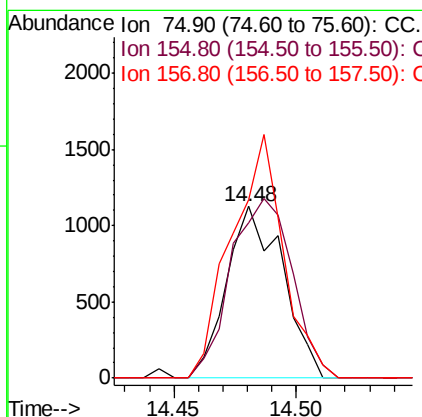
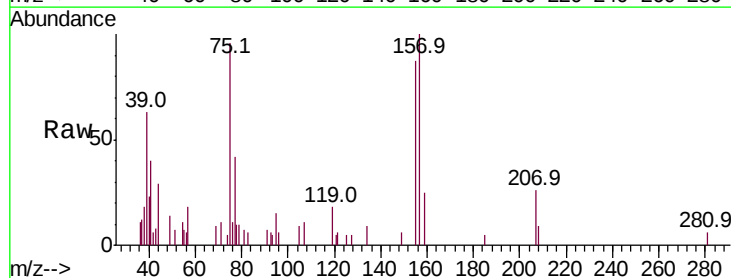
Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC005

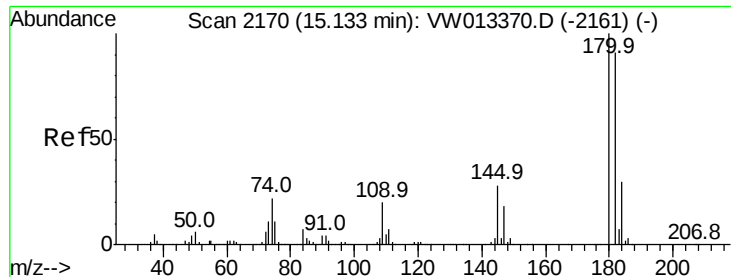
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.0	19.8	59.3
148	62.3	31.8	95.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 4.017 ug/l
 RT: 14.48 min Scan# 2063
 Delta R.T. -0.00 min
 Lab File: CC.D
 Acq: 01 Oct 2019 12:35

Tgt Ion	Ratio	Lower	Upper
75	100		
155	115.2	54.4	163.2
157	131.7	66.1	198.3

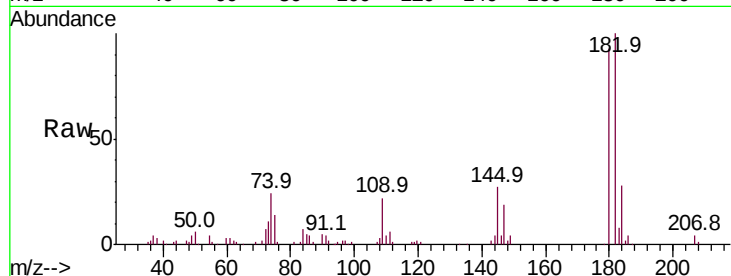




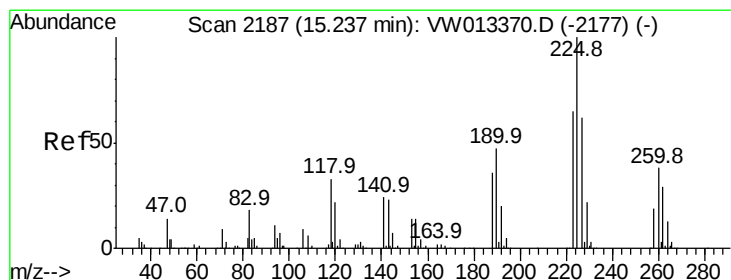
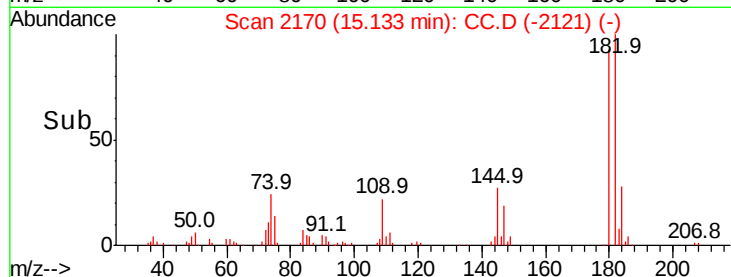
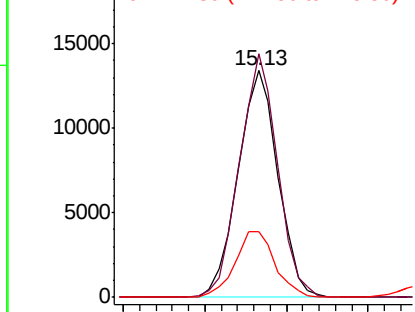
#93
 1,2,4-Trichlorobenzene
 Concen: 4.769 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: CC.D
 Acq: 01 Oct 2019 12:35

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Tot Ion:180 Resp: 22828
 Ion Ratio Lower Upper
 180 100
 182 102.6 46.9 140.7
 145 29.2 13.9 41.7

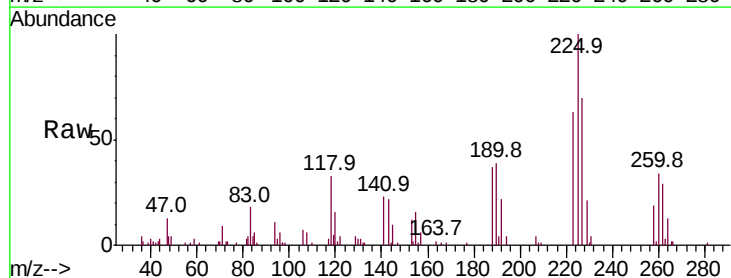


Abundance Ion 179.80 (179.50 to 180.50): C
 Ion 181.80 (181.50 to 182.50): C
 Ion 144.80 (144.50 to 145.50): C

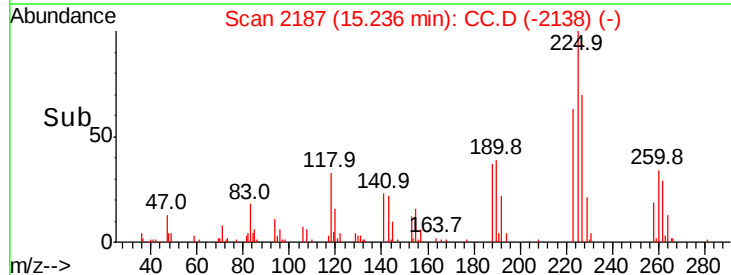
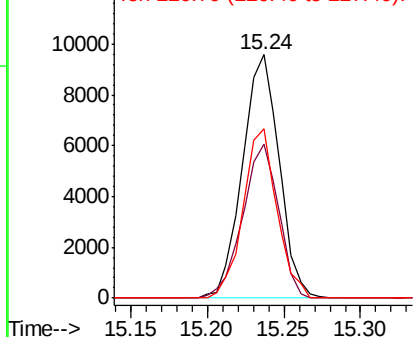


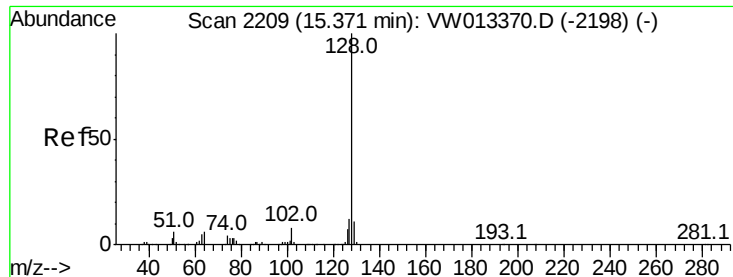
#94
 Hexachlorobutadiene
 Concen: 4.952 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: CC.D
 Acq: 01 Oct 2019 12:35

Tgt Ion:225 Resp: 15972
 Ion Ratio Lower Upper
 225 100
 223 62.0 32.2 96.6
 227 64.2 32.3 96.9



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

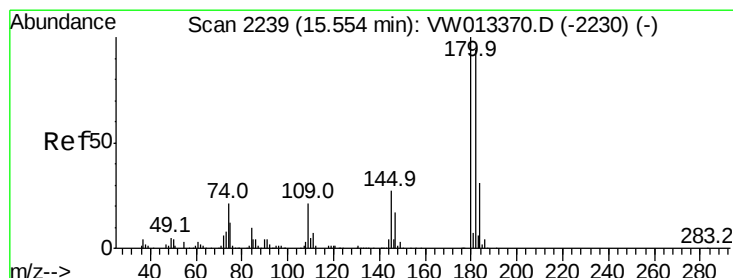
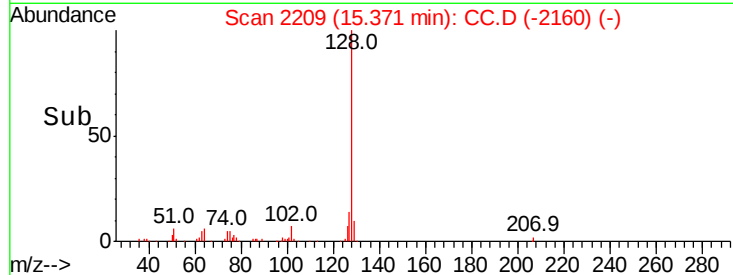
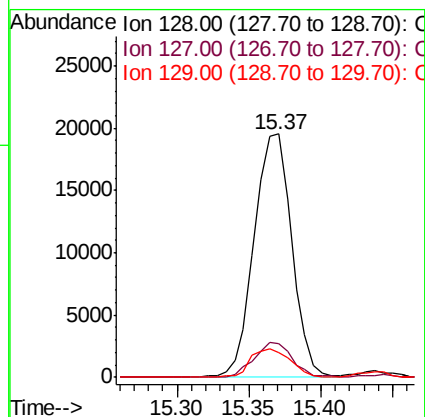
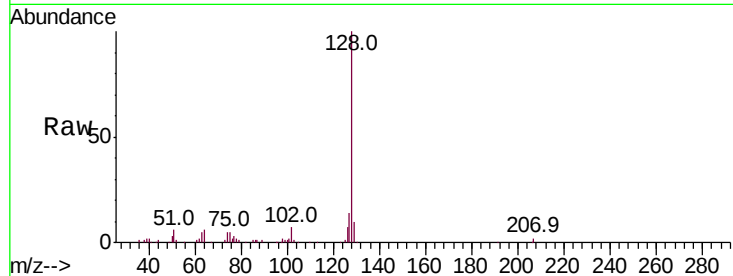




#95
Naphthalene
Concen: 4.490 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. -0.00 min
Lab File: CC.D
Acq: 01 Oct 2019 12:35

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tot Ion:128 Resp: 35308
Ion Ratio Lower Upper
128 100
127 14.5 10.5 15.7
129 12.2 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 4.952 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. -0.00 min
Lab File: CC.D
Acq: 01 Oct 2019 12:35

Tgt Ion:180 Resp: 20732
Ion Ratio Lower Upper
180 100
182 97.6 47.6 142.9
145 31.6 14.9 44.7

