

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY091719\
 Data File : CC.D
 Acq On : 17 Sep 2019 10:12
 Operator : SY/MD
 Sample : VSTDIC005
 Misc : 5.00g/5.00ml/MSVOA Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 17 12:08:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y091719S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 17 12:06:19 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.79	168	126630	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	243268	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	208616	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	89223	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	6915	5.09	ug/l	0.00
Spiked Amount			Recovery	=	10.18%	
35) Dibromofluoromethane	7.72	113	6947	4.96	ug/l	0.00
Spiked Amount			Recovery	=	9.92%	
50) Toluene-d8	10.18	98	27947	4.99	ug/l	0.00
Spiked Amount			Recovery	=	9.98%	
62) 4-Bromofluorobenzene	12.48	95	10393	5.12	ug/l	0.00
Spiked Amount			Recovery	=	10.24%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.90	85	6014	6.382	ug/l	77
3) Chloromethane	2.11	50	11136	7.339	ug/l	97
4) Vinyl Chloride	2.25	62	8418	5.963	ug/l	90
5) Bromomethane	2.64	94	5960	6.555	ug/l	84
6) Chloroethane	2.79	64	5207	5.518	ug/l	93
7) Trichlorofluoromethane	3.11	101	11595	6.219	ug/l	93
8) Diethyl Ether	3.53	74	4447	5.771	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.90	101	6818	5.358	ug/l #	84
10) Methyl Iodide	4.10	142	6693	4.837	ug/l #	44
11) Tert butyl alcohol	4.96	59	2443	13.959	ug/l #	83
12) 1,1-Dichloroethene	3.86	96	6536	5.536	ug/l #	77
13) Acrolein	3.73	56	3247	26.238	ug/l	91
14) Allyl chloride	4.48	41	9908	5.402	ug/l	96
15) Acrylonitrile	5.17	53	12735	26.238	ug/l	99
16) Acetone	3.95	43	8568	22.826	ug/l #	86
17) Carbon Disulfide	4.19	76	15869	6.676	ug/l	99
18) Methyl Acetate	4.48	43	6948	6.453	ug/l	94
19) Methyl tert-butyl Ether	5.22	73	18583	5.134	ug/l #	90
20) Methylene Chloride	4.71	84	9702	6.320	ug/l #	86
21) trans-1,2-Dichloroethene	5.21	96	8264	6.289	ug/l #	80
22) Diisopropyl ether	6.12	45	20754	5.101	ug/l #	92
23) Vinyl Acetate	6.06	43	68115	24.304	ug/l	95
24) 1,1-Dichloroethane	6.01	63	13253	5.484	ug/l	99
25) 2-Butanone	6.99	43	16798	27.182	ug/l #	85
26) 2,2-Dichloropropane	6.98	77	14691	6.587	ug/l	89
27) cis-1,2-Dichloroethene	6.99	96	9091	5.506	ug/l	89
28) Bromochloromethane	7.32	49	5833	5.362	ug/l #	89
29) Tetrahydrofuran	7.35	42	9432	25.579	ug/l	94
30) Chloroform	7.51	83	13136	5.259	ug/l	92
31) Cyclohexane	7.78	56	13962	7.016	ug/l #	79
32) 1,1,1-Trichloroethane	7.71	97	11255	5.538	ug/l	95
36) 1,1-Dichloropropene	7.92	75	10197	5.657	ug/l	97
37) Ethyl Acetate	7.08	43	5960	4.884	ug/l #	88
38) Carbon Tetrachloride	7.90	117	8674	5.091	ug/l #	93

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY091719\
 Data File : CC.D
 Acq On : 17 Sep 2019 10:12
 Operator : SY/MD
 Sample : VSTDIC005
 Misc : 5.00g/5.00ml/MSVOA Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 17 12:08:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y091719S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 17 12:06:19 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.18	83	12757	5.706	ug/l	98
40) Benzene	8.15	78	31612	5.350	ug/l	99
41) Methacrylonitrile	7.35	41	9487	13.476	ug/l #	1
42) 1,2-Dichloroethane	8.24	62	8144	5.371	ug/l	99
43) Isopropyl Acetate	8.27	43	11882	5.014	ug/l #	91
44) Trichloroethene	8.94	130	8687	5.897	ug/l	84
45) 1,2-Dichloropropane	9.21	63	8021	5.276	ug/l	89
46) Dibromomethane	9.31	93	4368	5.170	ug/l	98
47) Bromodichloromethane	9.50	83	10059	4.989	ug/l	88
48) Methyl methacrylate	9.29	41	5279	5.035	ug/l	99
49) 1,4-Dioxane	9.29	88	1629	91.998	ug/l #	86
51) 4-Methyl-2-Pentanone	10.07	43	31511	23.852	ug/l	100
52) Toluene	10.24	92	19919	5.373	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	10539	4.965	ug/l	95
54) cis-1,3-Dichloropropene	9.93	75	12434	5.021	ug/l	97
55) 1,1,2-Trichloroethane	10.65	97	6534	4.853	ug/l #	93
56) Ethyl methacrylate	10.51	69	9473	5.022	ug/l	97
57) 1,3-Dichloropropane	10.79	76	11443	5.331	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.78	63	24707	24.506	ug/l	100
59) 2-Hexanone	10.83	43	21850	22.854	ug/l	95
60) Dibromochloromethane	10.98	129	6771	4.811	ug/l	94
61) 1,2-Dibromoethane	11.09	107	5890	4.963	ug/l	99
64) Tetrachloroethene	10.72	164	7262	5.608	ug/l	93
65) Chlorobenzene	11.51	112	21018	5.216	ug/l	90
66) 1,1,1,2-Tetrachloroethane	11.59	131	6728	4.804	ug/l	94
67) Ethyl Benzene	11.59	91	37695	5.148	ug/l	98
68) m/p-Xylenes	11.70	106	27952	10.101	ug/l	92
69) o-Xylene	12.03	106	13532	4.988	ug/l	99
70) Styrene	12.04	104	22784	4.829	ug/l	99
71) Bromoform	12.20	173	3816	4.543	ug/l #	99
73) Isopropylbenzene	12.33	105	37600	5.407	ug/l	99
74) N-amyl acetate	12.14	43	10064	4.933	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.59	83	8559	5.166	ug/l	97
76) 1,2,3-Trichloropropane	12.63	75	11303	9.121	ug/l #	100
77) Bromobenzene	12.60	156	7712	5.279	ug/l	98
78) n-propylbenzene	12.67	91	43912	5.166	ug/l	98
79) 2-Chlorotoluene	12.75	91	25645	5.398	ug/l	95
80) 1,3,5-Trimethylbenzene	12.81	105	30566	5.282	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.37	75	3539	5.580	ug/l #	91
82) 4-Chlorotoluene	12.85	91	26073	5.241	ug/l	98
83) tert-Butylbenzene	13.07	119	25379	5.098	ug/l	98
84) 1,2,4-Trimethylbenzene	13.12	105	29634	5.174	ug/l	97
85) sec-Butylbenzene	13.25	105	37158	5.059	ug/l	99
86) p-Isopropyltoluene	13.37	119	32303	5.170	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	14678	4.974	ug/l	95
88) 1,4-Dichlorobenzene	13.44	146	14706	4.964	ug/l	88
89) n-Butylbenzene	13.69	91	32580	5.142	ug/l	99
90) Hexachloroethane	13.96	117	6187	4.968	ug/l	96
91) 1,2-Dichlorobenzene	13.74	146	13931	5.087	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	14.36	75	1500	4.675	ug/l	94

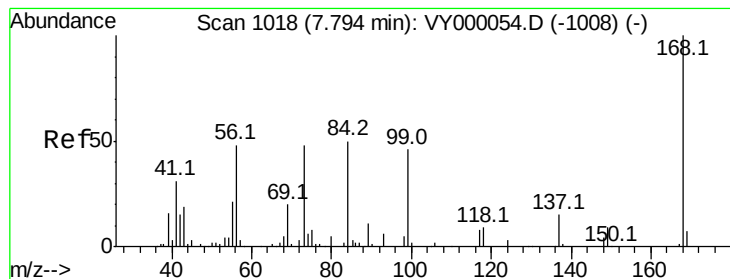
Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY091719\
Data File : CC.D
Acq On : 17 Sep 2019 10:12
Operator : SY/MD
Sample : VSTDICC005
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Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Sep 17 12:08:53 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y091719S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 17 12:06:19 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	8143	4.657	ug/l	97
94) Hexachlorobutadiene	15.11	225	4333	5.398	ug/l	95
95) Naphthalene	15.23	128	22811	4.783	ug/l	98
96) 1,2,3-Trichlorobenzene	15.42	180	7941	5.061	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.79 min Scan# 1017

Delta R.T. -0.01 min

Lab File: CC.D

Acq: 17 Sep 2019 10:12

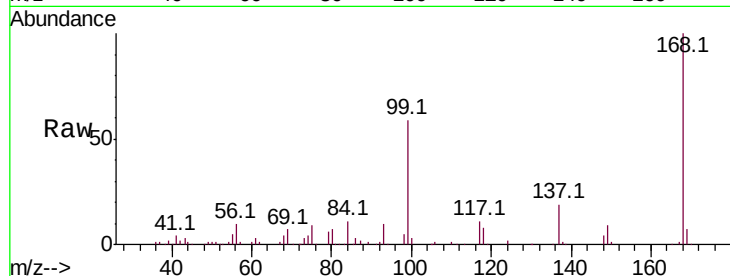
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:168 Resp: 126630

Ion Ratio Lower Upper

168 100

99 59.1 44.2 66.2



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

Ion 98.90 (98.60 to 99.60): CC.D

7.79

60000

50000

40000

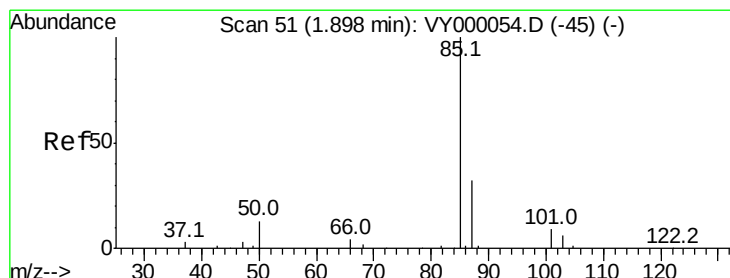
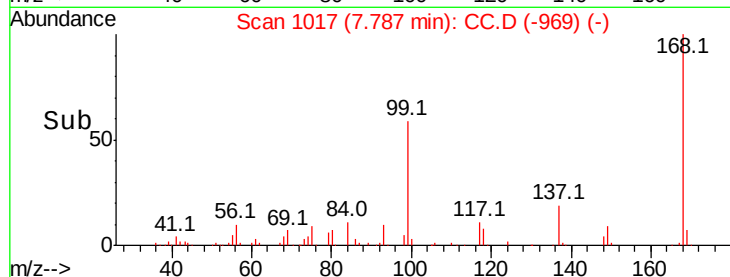
30000

20000

10000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 6.382 ug/l

RT: 1.90 min Scan# 51

Delta R.T. -0.00 min

Lab File: CC.D

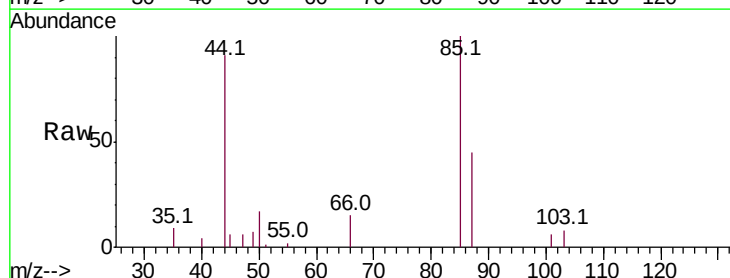
Acq: 17 Sep 2019 10:12

Tgt Ion: 85 Resp: 6014

Ion Ratio Lower Upper

85 100

87 45.0 16.2 48.5



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

Ion 86.90 (86.60 to 87.60): CC.D

1.90

4000

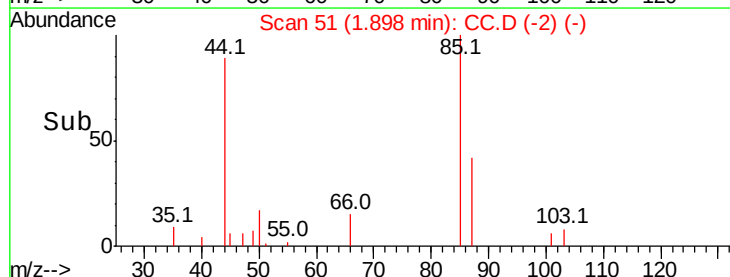
3000

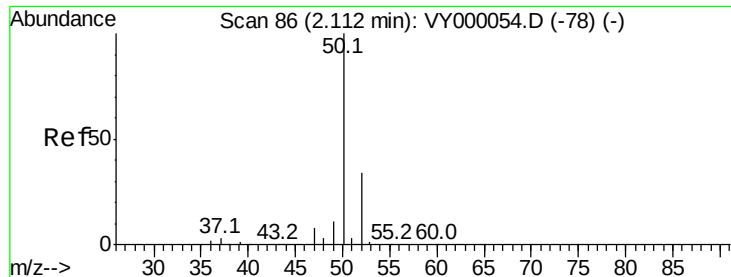
2000

1000

0

Time-->





#3

Chloromethane

Concen: 7.339 ug/l

RT: 2.11 min Scan# 86

Delta R.T. -0.00 min

Lab File: CC.D

Acq: 17 Sep 2019 10:12

Instrument :

MSVOA_Y

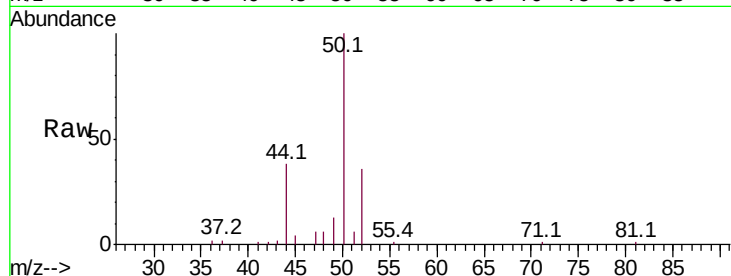
ClientSampleId :

Tot Ion: 50 Resp: 11136

Ion Ratio Lower Upper

50 100

52 35.6 27.3 40.9



Abundance Ion 49.90 (49.60 to 50.60): CC.

Ion 51.90 (51.60 to 52.60): CC.

2.11

6000

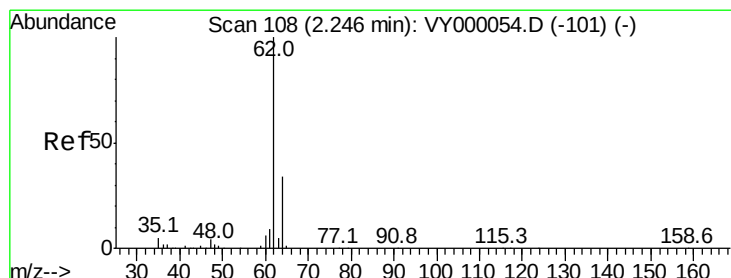
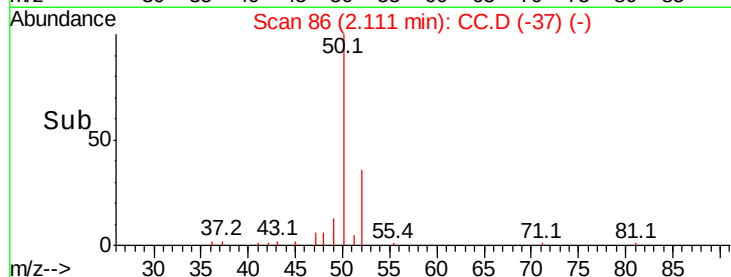
4000

2000

0

Time-->

2.05 2.10 2.15 2.20



#4

Vinyl Chloride

Concen: 5.963 ug/l

RT: 2.25 min Scan# 109

Delta R.T. 0.01 min

Lab File: CC.D

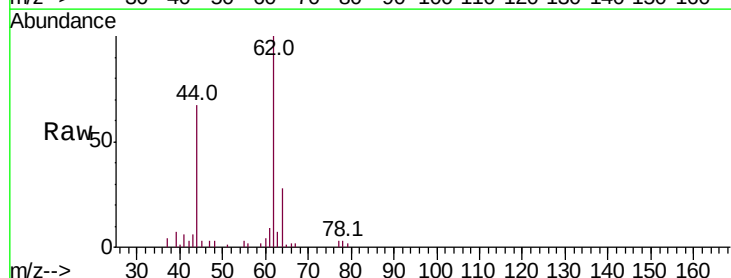
Acq: 17 Sep 2019 10:12

Tgt Ion: 62 Resp: 8418

Ion Ratio Lower Upper

62 100

64 28.2 26.9 40.3



Abundance Ion 61.90 (61.60 to 62.60): CC.

Ion 63.90 (63.60 to 64.60): CC.

2.25

5000

4000

3000

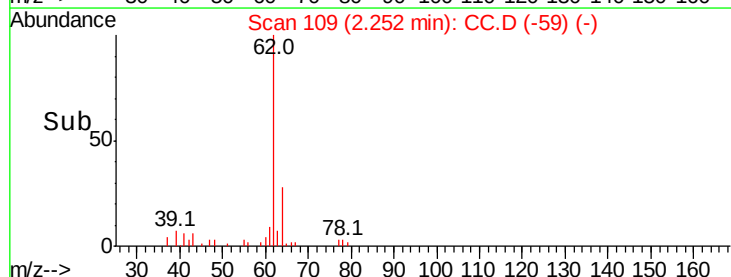
2000

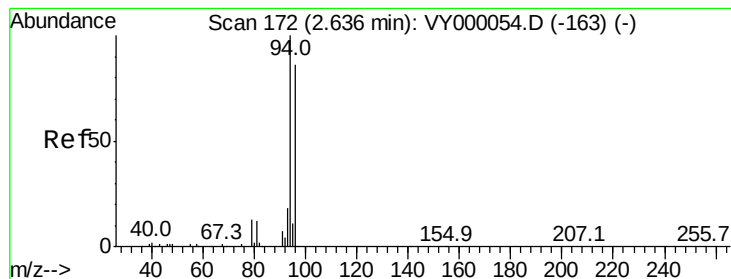
1000

0

Time-->

2.20 2.25 2.30 2.35





#5

Bromomethane

Concen: 6.555 ug/l

RT: 2.64 min Scan# 173

Delta R.T. 0.01 min

Lab File: CC.D

Acq: 17 Sep 2019 10:12

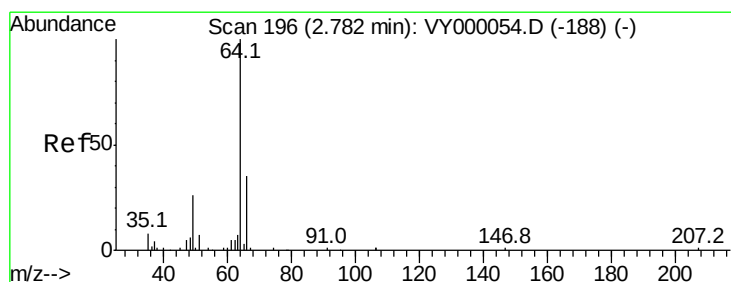
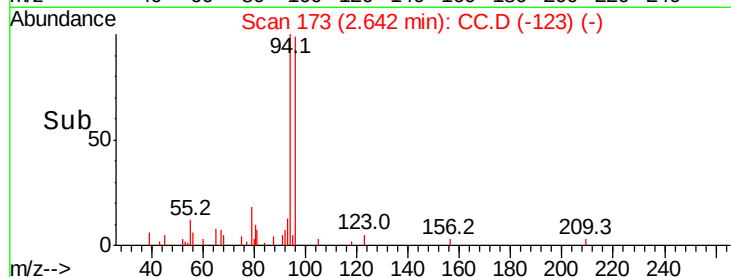
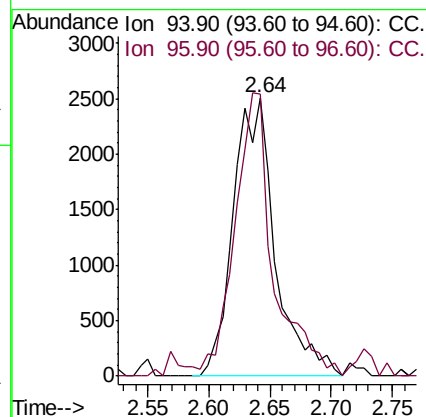
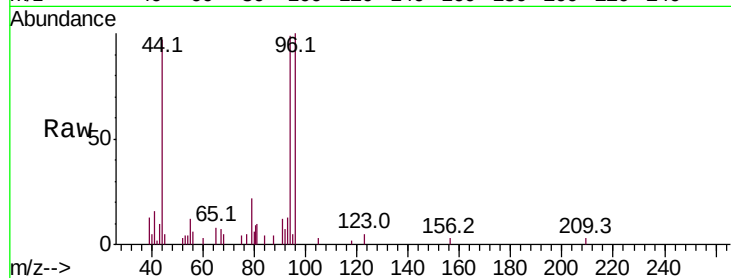
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 94 Resp: 5960

Ion Ratio Lower Upper

94 100

96 101.1 69.1 103.7



#6

Chloroethane

Concen: 5.518 ug/l

RT: 2.79 min Scan# 197

Delta R.T. 0.01 min

Lab File: CC.D

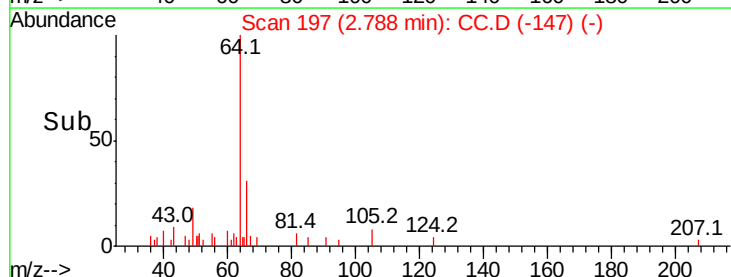
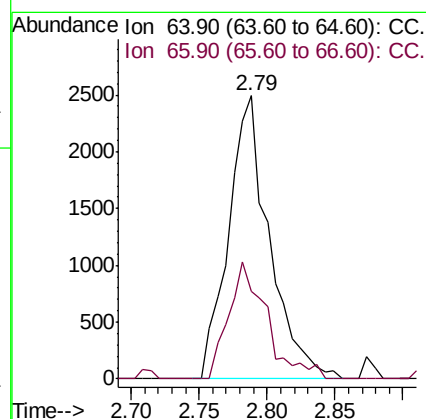
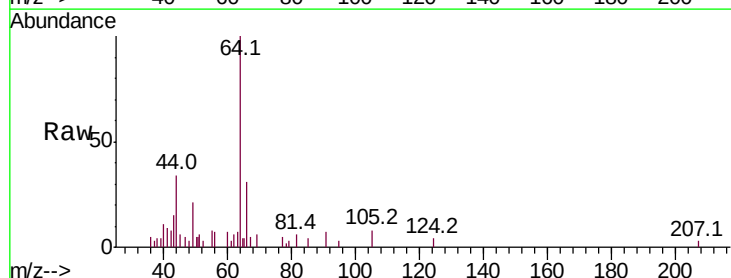
Acq: 17 Sep 2019 10:12

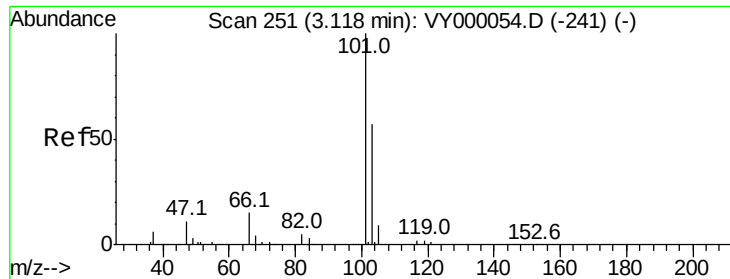
Tgt Ion: 64 Resp: 5207

Ion Ratio Lower Upper

64 100

66 30.7 27.7 41.5



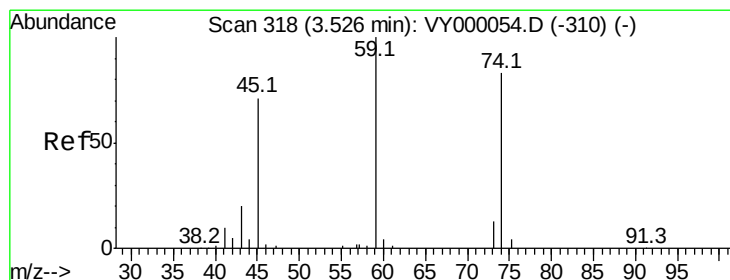
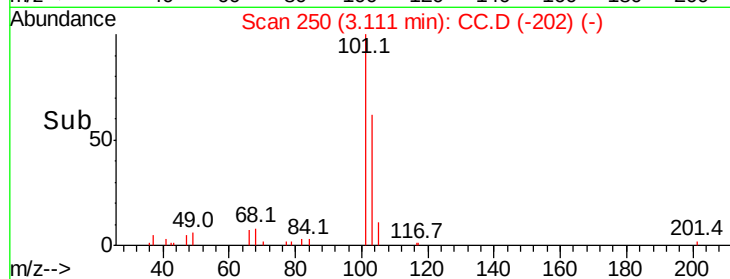
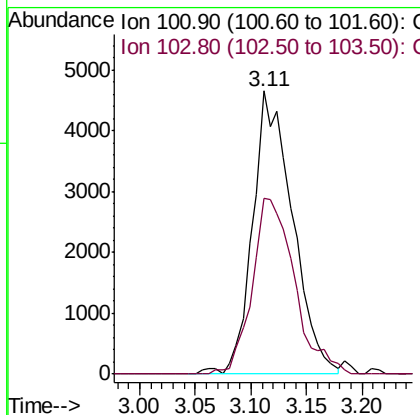
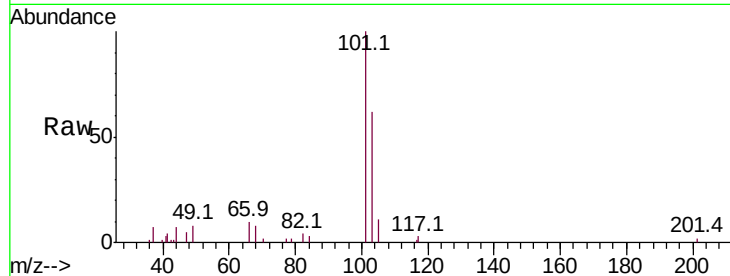


#7

Trichlorofluoromethane
Concen: 6.219 ug/l
RT: 3.11 min Scan# 250
Delta R.T. -0.01 min
Lab File: CC.D
Acq: 17 Sep 2019 10:12

Instrument :
MSVOA_Y
ClientSampled :

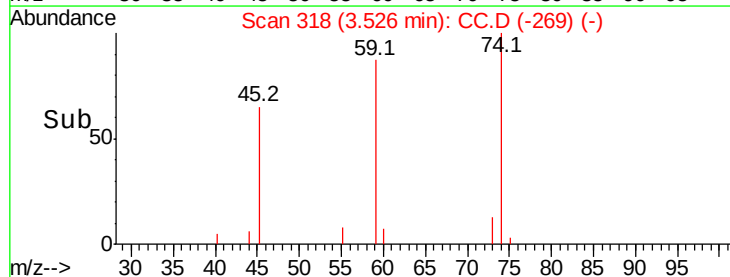
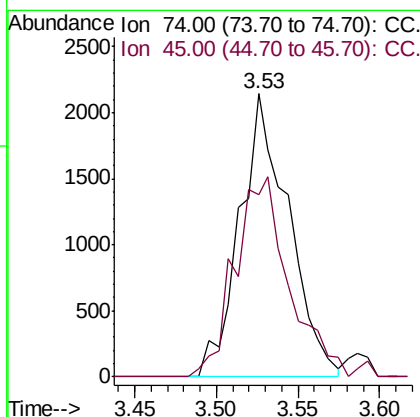
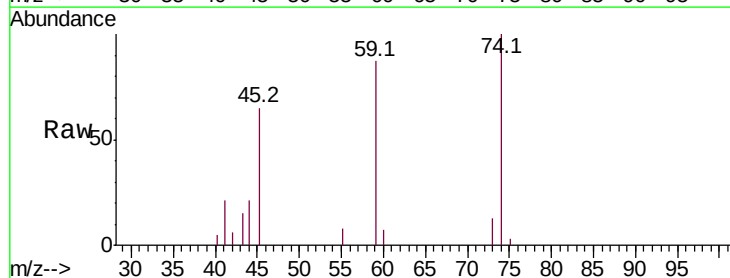
Tot Ion:101 Resp: 11595
Ion Ratio Lower Upper
101 100
103 62.2 45.7 68.5

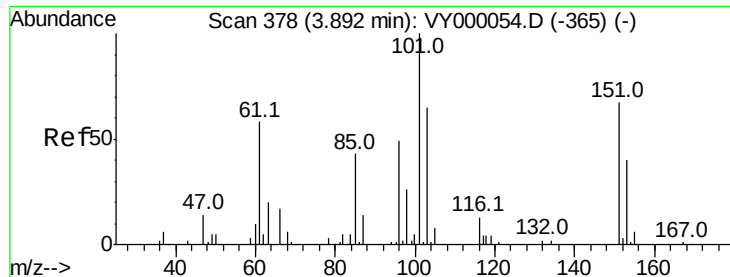


#8

Diethyl Ether
Concen: 5.771 ug/l
RT: 3.53 min Scan# 318
Delta R.T. -0.00 min
Lab File: CC.D
Acq: 17 Sep 2019 10:12

Tgt Ion: 74 Resp: 4447
Ion Ratio Lower Upper
74 100
45 78.3 40.6 122.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.358 ug/l

RT: 3.90 min Scan# 379

Delta R.T. 0.01 min

Lab File: CC.D

Acq: 17 Sep 2019 10:12

Instrument :

MSVOA_Y

ClientSampleId :

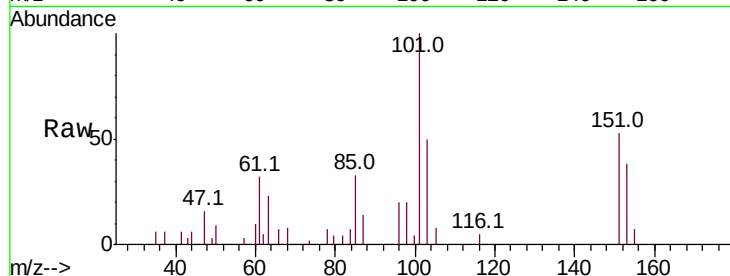
Tot Ion:101 Resp: 6818

Ion Ratio Lower Upper

101 100

85 28.9 36.8 55.2#

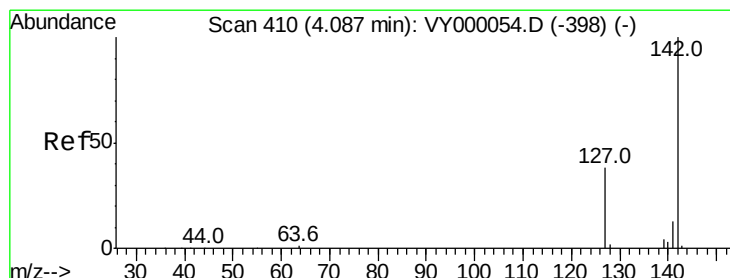
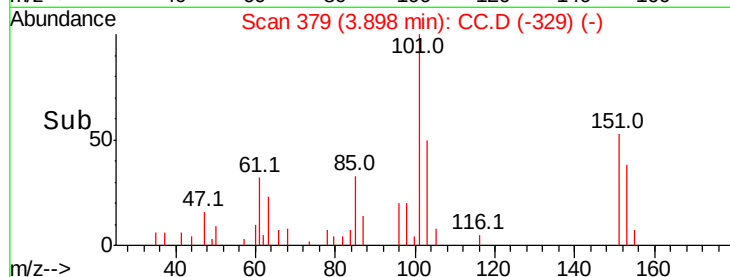
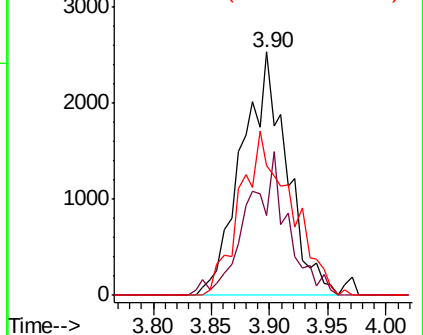
151 75.5 54.4 81.6



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: 4.837 ug/l

RT: 4.10 min Scan# 412

Delta R.T. 0.01 min

Lab File: CC.D

Acq: 17 Sep 2019 10:12

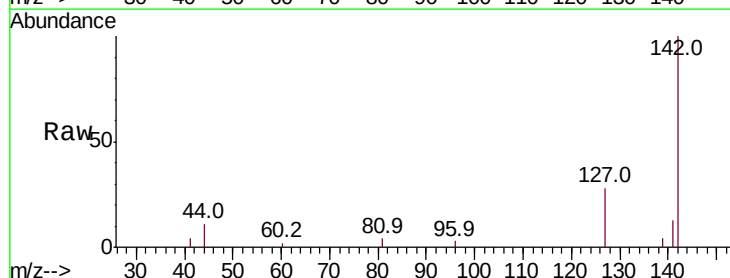
Tgt Ion:142 Resp: 6693

Ion Ratio Lower Upper

142 100

127 0.0 31.6 47.4#

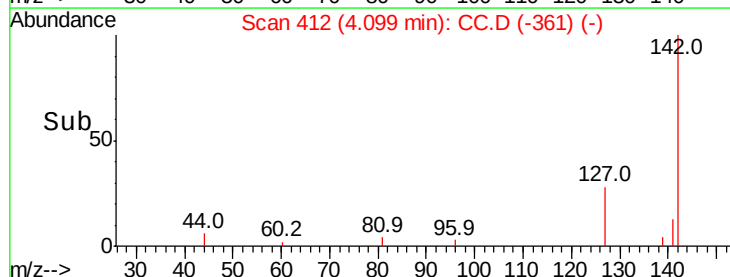
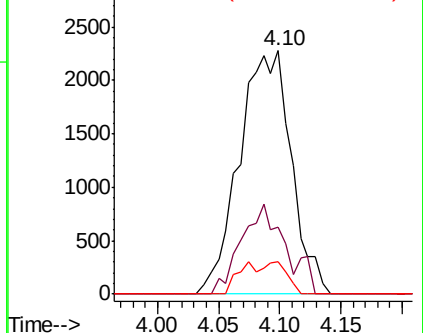
141 0.0 10.9 16.3#

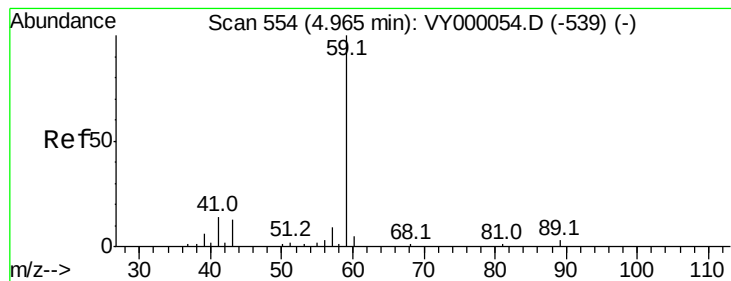


Abundance Ion 141.80 (141.50 to 142.50): C

Ion 126.80 (126.50 to 127.50): C

Ion 140.80 (140.50 to 141.50): C



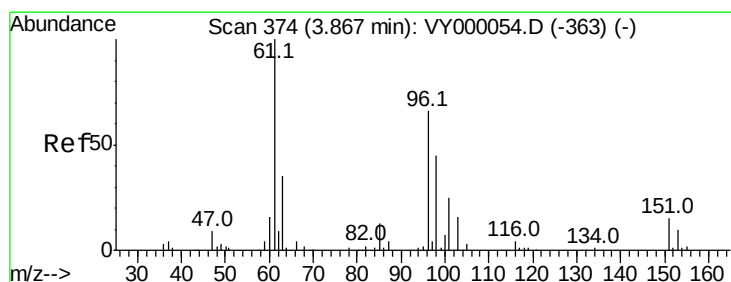
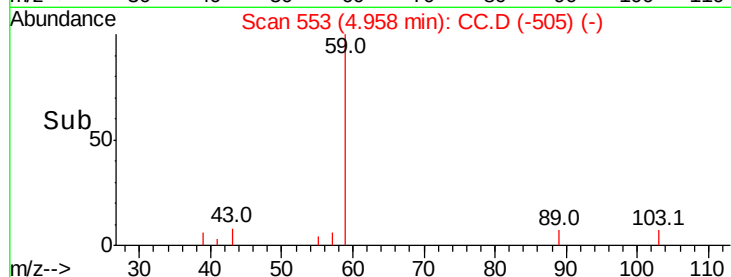
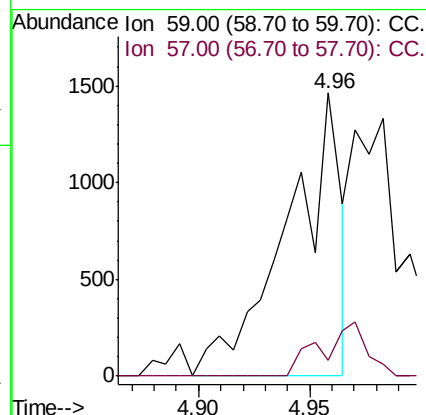
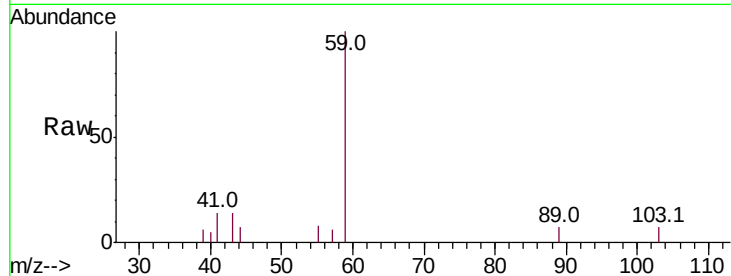


#11

Tert butyl alcohol
 Concen: 13.959 ug/l
 RT: 4.96 min Scan# 553
 Delta R.T. -0.01 min
 Lab File: CC.D
 Acq: 17 Sep 2019 10:12

Instrument :
 MSVOA_Y
 ClientSampleId :

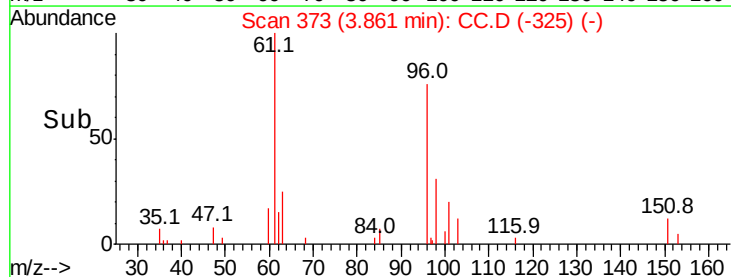
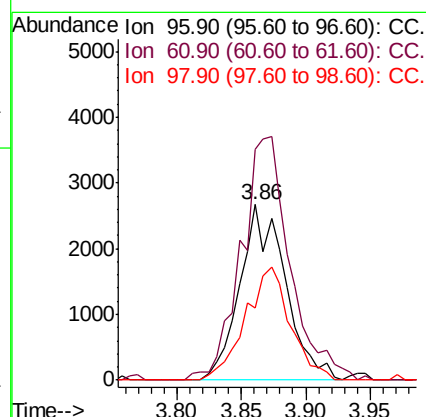
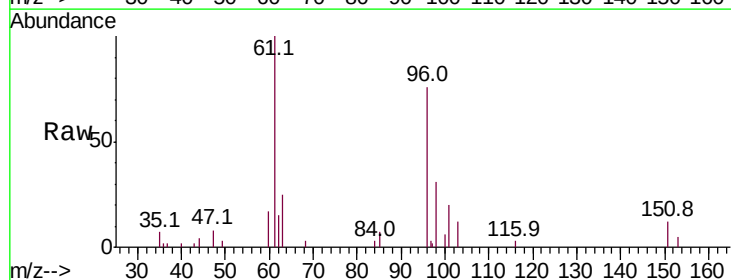
Tot Ion: 59 Resp: 2443
 Ion Ratio Lower Upper
 59 100
 57 16.2 8.0 12.0#

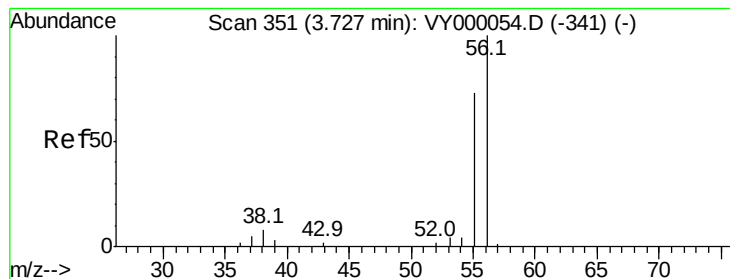


#12

1,1-Dichloroethene
 Concen: 5.536 ug/l
 RT: 3.86 min Scan# 373
 Delta R.T. -0.01 min
 Lab File: CC.D
 Acq: 17 Sep 2019 10:12

Tgt Ion: 96 Resp: 6536
 Ion Ratio Lower Upper
 96 100
 61 127.3 120.4 180.6
 98 40.9 54.1 81.1#





#13

Acrolein

Concen: 26.238 ug/l

RT: 3.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: CC.D

Acq: 17 Sep 2019 10:12

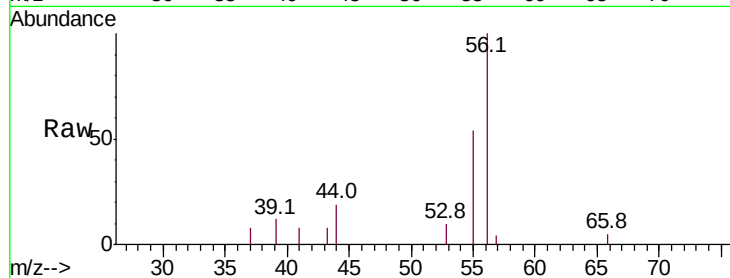
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 56 Resp: 3247

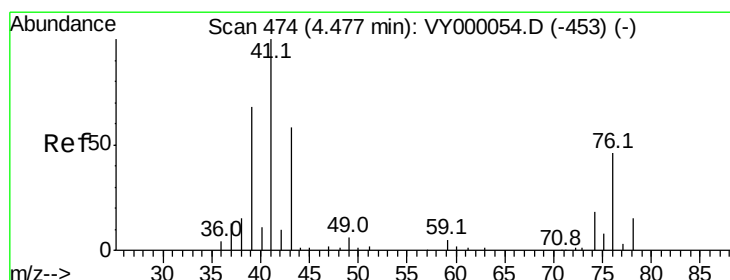
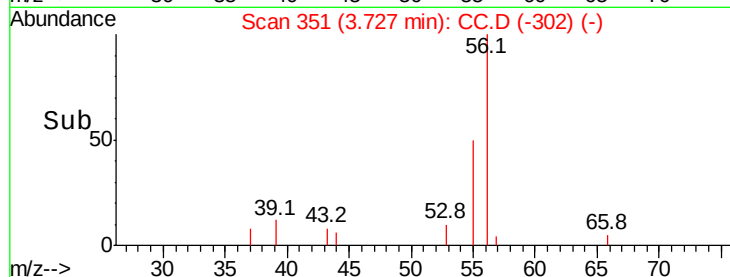
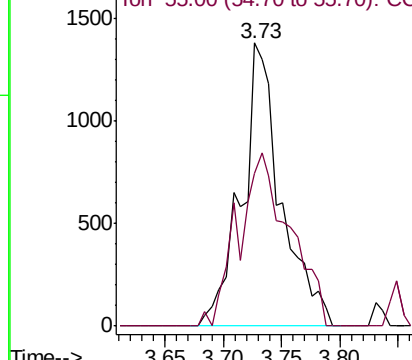
Ion Ratio Lower Upper

56 100

55 79.6 57.8 86.8



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



#14

Allyl chloride

Concen: 5.402 ug/l

RT: 4.48 min Scan# 474

Delta R.T. -0.00 min

Lab File: CC.D

Acq: 17 Sep 2019 10:12

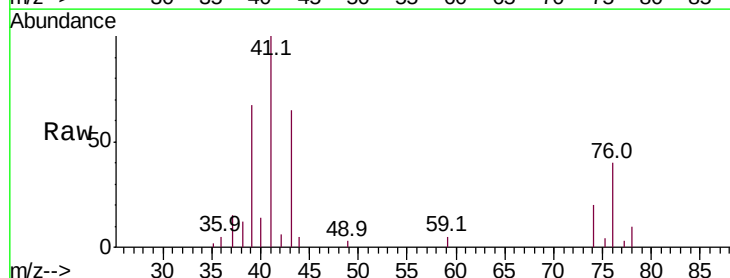
Tgt Ion: 41 Resp: 9908

Ion Ratio Lower Upper

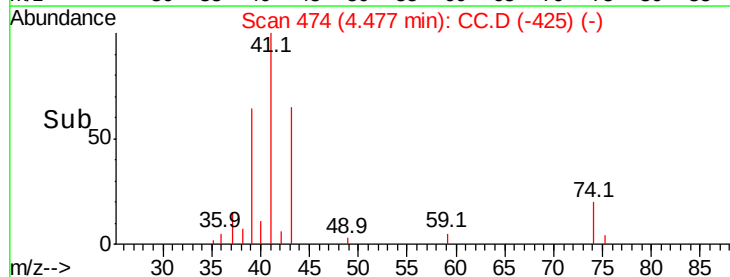
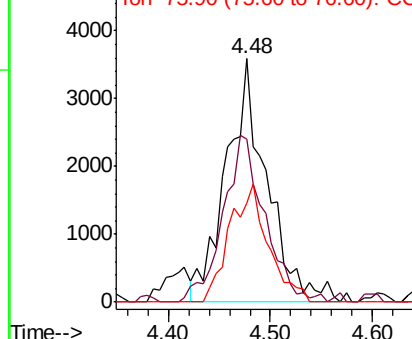
41 100

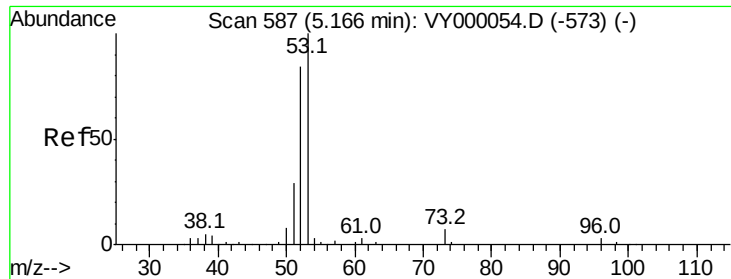
39 70.1 52.7 79.1

76 45.9 35.5 53.3



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





#15

Acrylonitrile

Concen: 26.238 ug/l

RT: 5.17 min Scan# 587

Delta R.T. -0.00 min

Lab File: CC.D

Acq: 17 Sep 2019 10:12

Instrument :
MSVOA_Y
ClientSampleId :

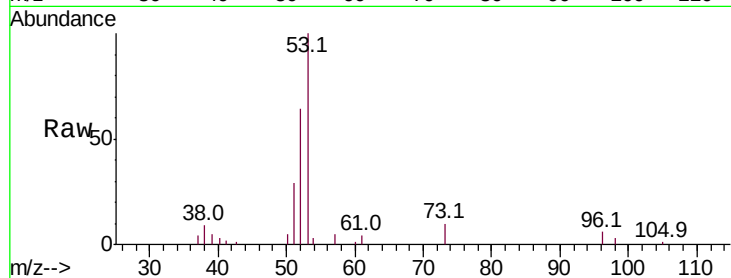
Tot Ion: 53 Resp: 12735

Ion Ratio Lower Upper

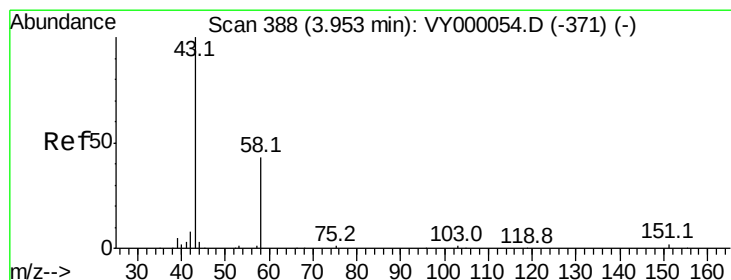
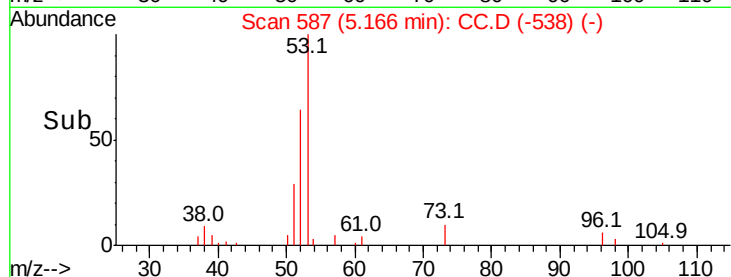
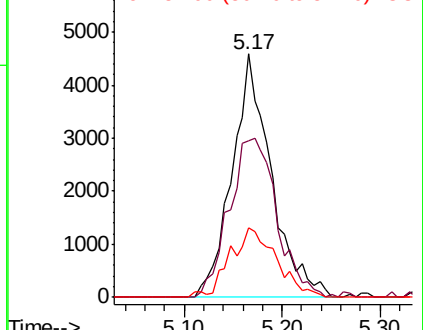
53 100

52 79.6 64.7 97.1

51 34.1 26.7 40.1



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: 22.826 ug/l

RT: 3.95 min Scan# 387

Delta R.T. -0.01 min

Lab File: CC.D

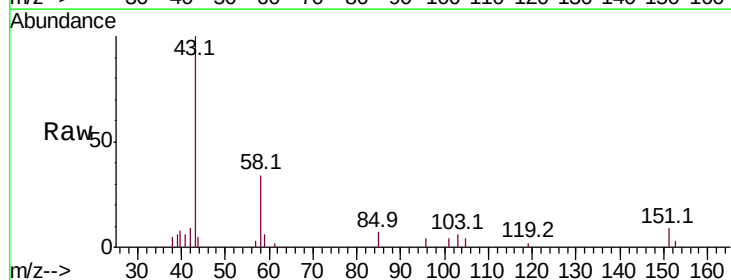
Acq: 17 Sep 2019 10:12

Tgt Ion: 43 Resp: 8568

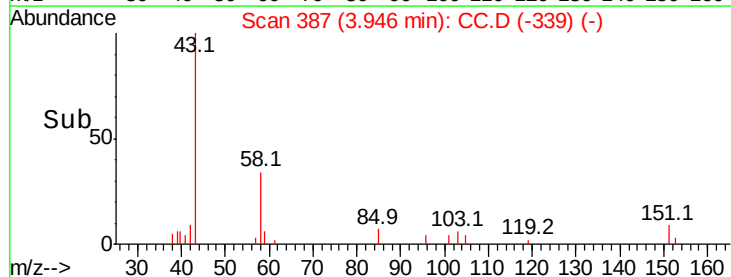
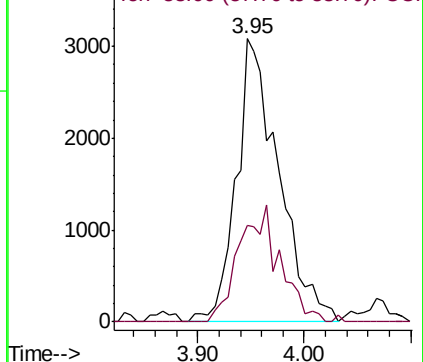
Ion Ratio Lower Upper

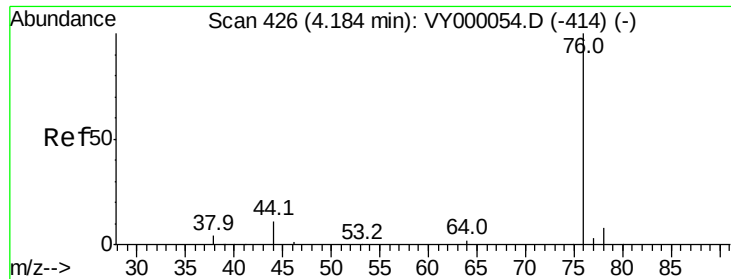
43 100

58 34.2 34.5 51.7#



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

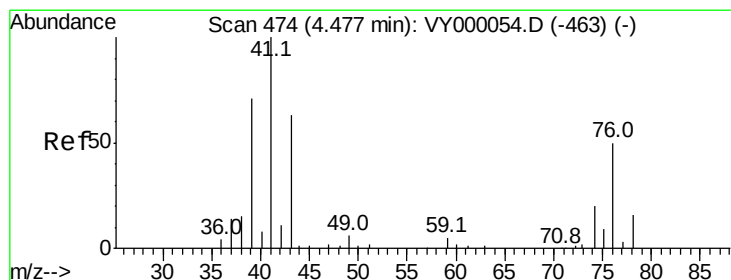
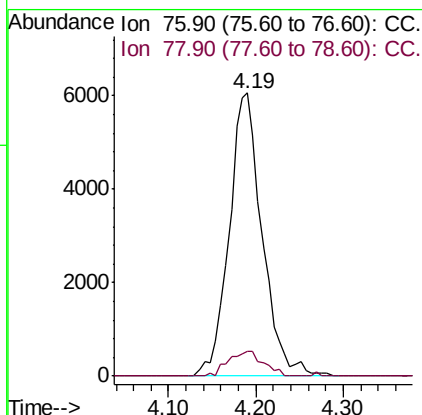
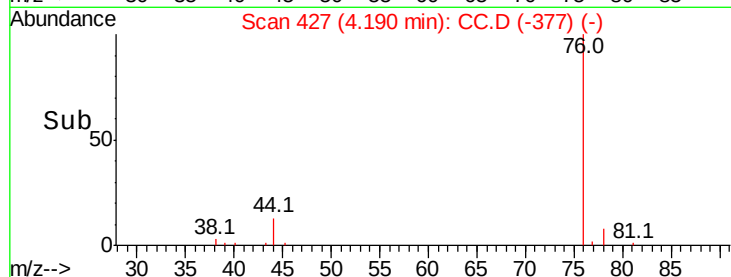
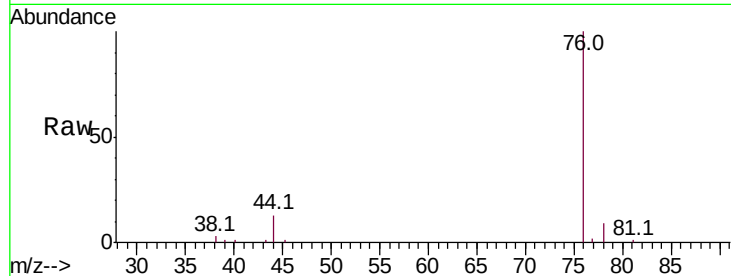




#17
Carbon Disulfide
Concen: 6.676 ug/l
RT: 4.19 min Scan# 427
Delta R.T. 0.01 min
Lab File: CC.D
Acq: 17 Sep 2019 10:12

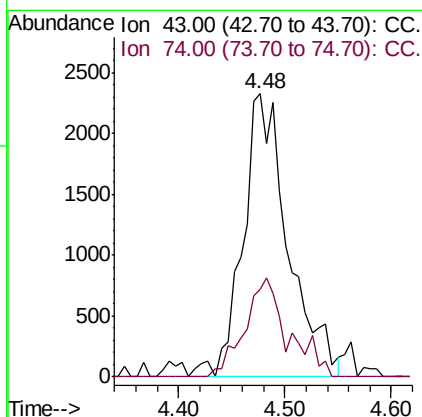
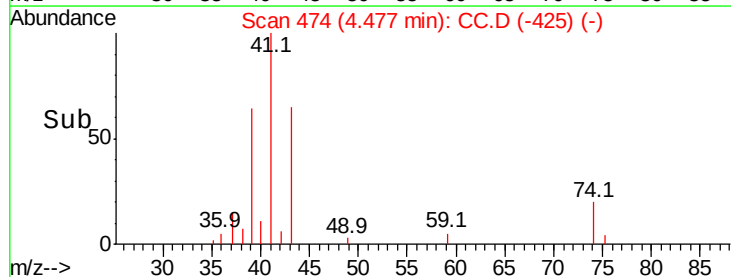
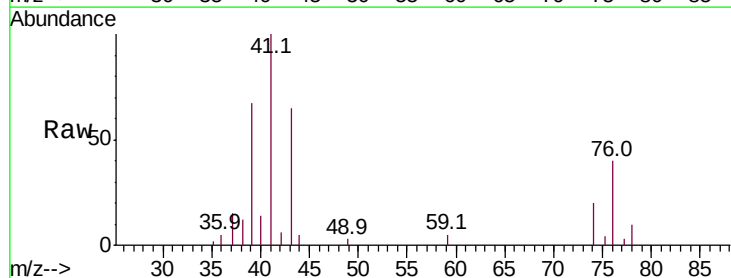
Instrument :
MSVOA_Y
ClientSampleId :

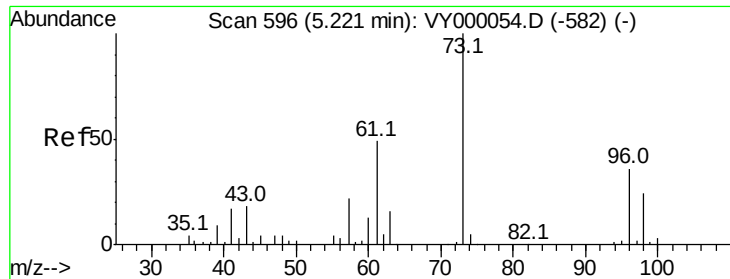
Tot Ion: 76 Resp: 15869
Ion Ratio Lower Upper
76 100
78 8.6 6.6 9.8



#18
Methyl Acetate
Concen: 6.453 ug/l
RT: 4.48 min Scan# 474
Delta R.T. -0.00 min
Lab File: CC.D
Acq: 17 Sep 2019 10:12

Tgt Ion: 43 Resp: 6948
Ion Ratio Lower Upper
43 100
74 33.2 24.1 36.1

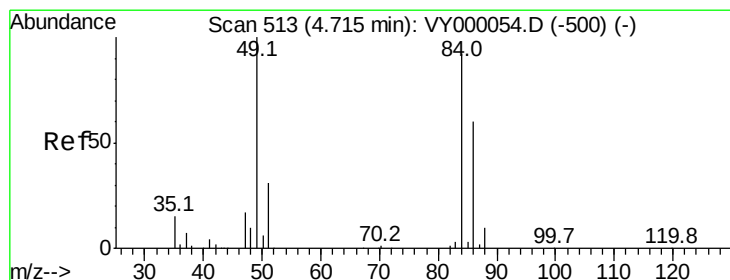
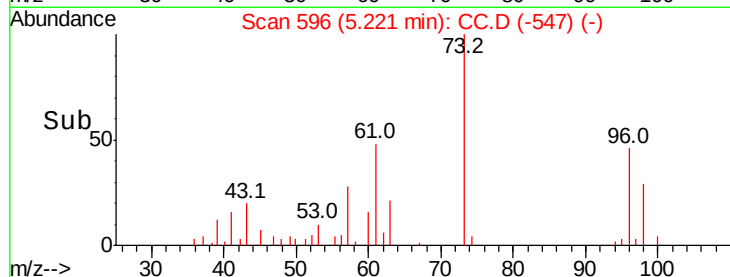
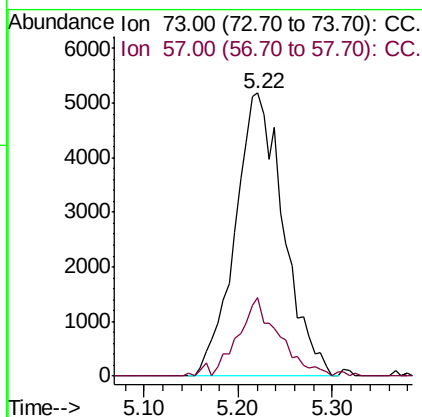
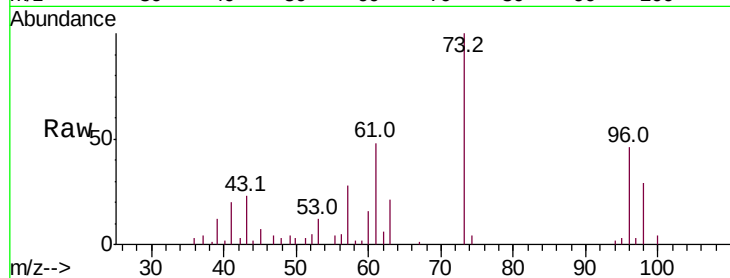




#19
Methyl tert-butyl Ether
Concen: 5.134 ug/l
RT: 5.22 min Scan# 596
Delta R.T. -0.00 min
Lab File: CC.D
Acq: 17 Sep 2019 10:12

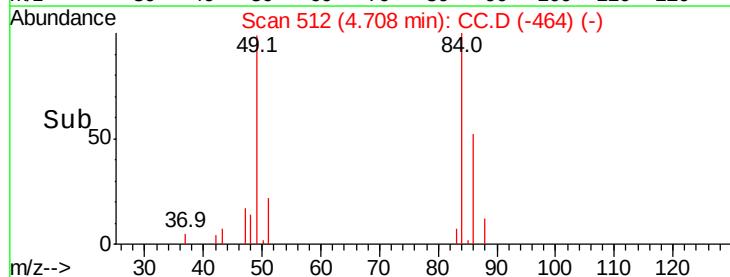
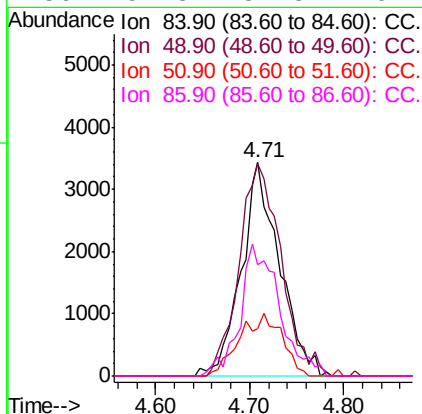
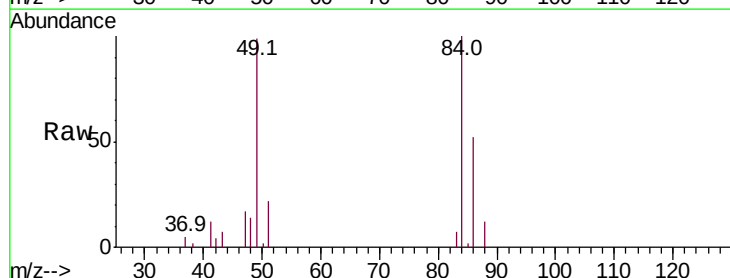
Instrument :
MSVOA_Y
ClientSampled :

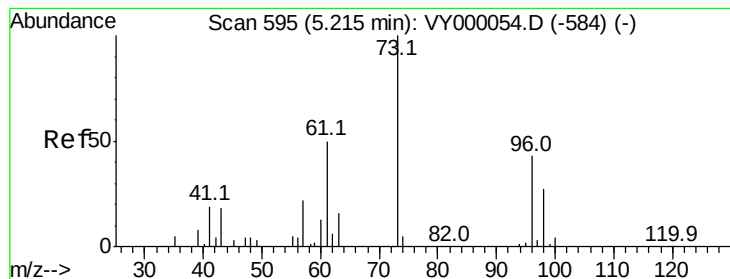
Tot Ion: 73 Resp: 18583
Ion Ratio Lower Upper
73 100
57 26.7 17.5 26.3#



#20
Methylene Chloride
Concen: 6.320 ug/l
RT: 4.71 min Scan# 512
Delta R.T. -0.01 min
Lab File: CC.D
Acq: 17 Sep 2019 10:12

Tgt Ion: 84 Resp: 9702
Ion Ratio Lower Upper
84 100
49 99.4 87.4 131.0
51 22.0 27.2 40.8#
86 52.3 52.8 79.2#





#21

trans-1,2-Dichloroethene

Concen: 6.289 ug/l

RT: 5.21 min Scan# 595

Delta R.T. -0.00 min

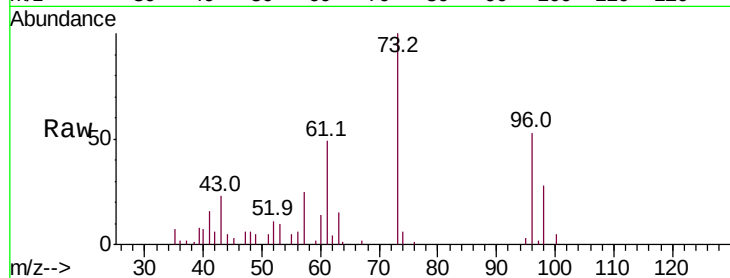
Lab File: CC.D

Acq: 17 Sep 2019 10:12

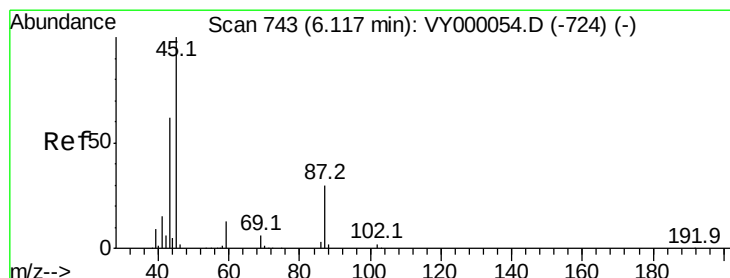
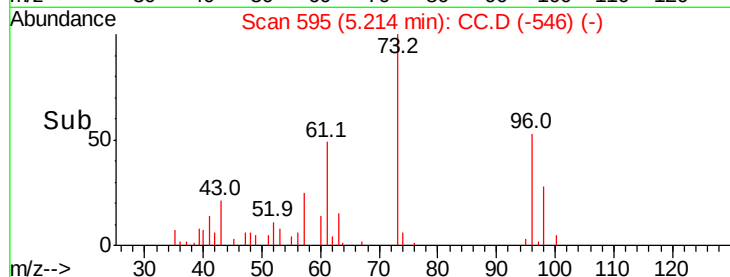
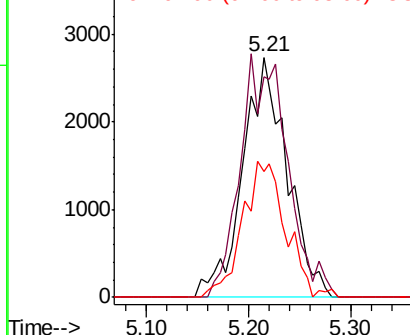
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 96 Resp: 8264

Ion	Ratio	Lower	Upper
96	100		
61	92.2	94.0	141.0#
98	52.7	50.3	75.5



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



#22

Diisopropyl ether

Concen: 5.101 ug/l

RT: 6.12 min Scan# 743

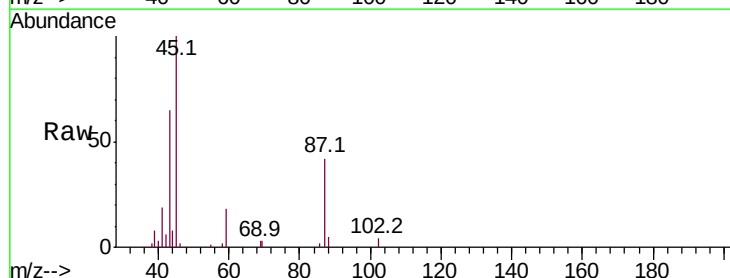
Delta R.T. -0.00 min

Lab File: CC.D

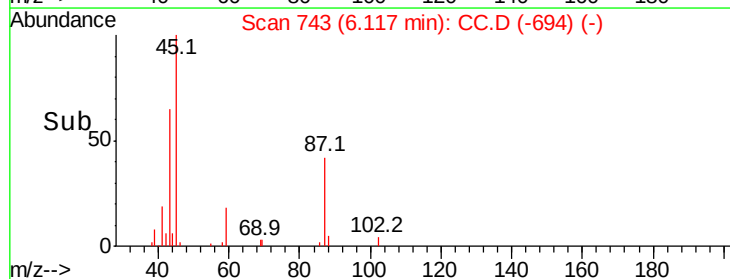
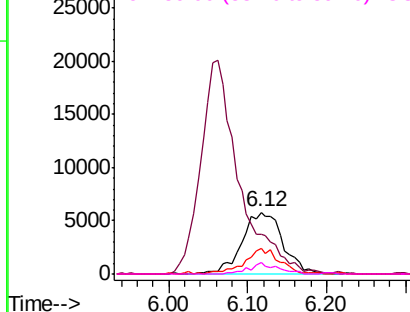
Acq: 17 Sep 2019 10:12

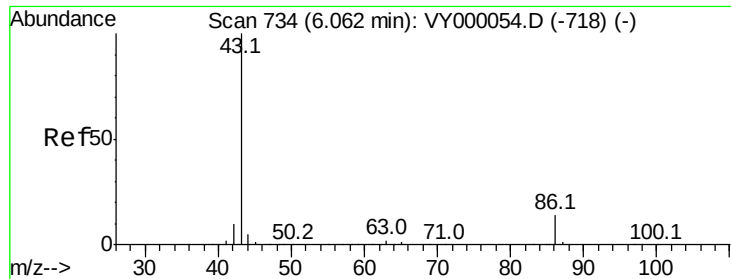
Tgt Ion: 45 Resp: 20754

Ion	Ratio	Lower	Upper
45	100		
43	59.7	49.9	74.9
87	39.6	25.0	37.4#
59	18.1	10.4	15.6#



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: 24.304 ug/l

RT: 6.06 min Scan# 734

Delta R.T. -0.00 min

Lab File: CC.D

Acq: 17 Sep 2019 10:12

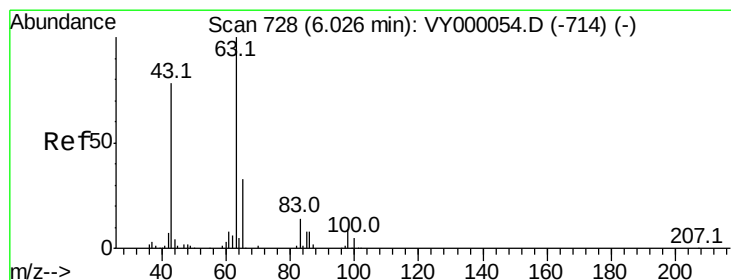
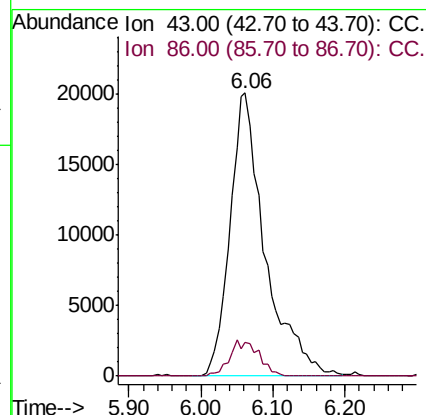
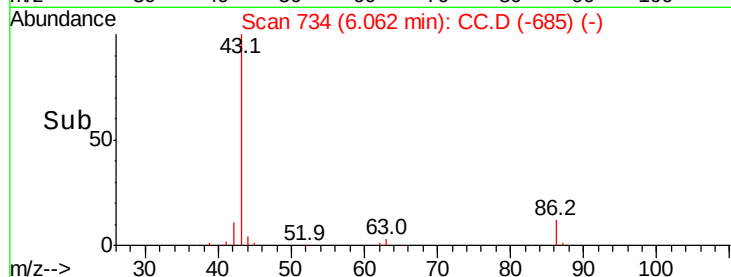
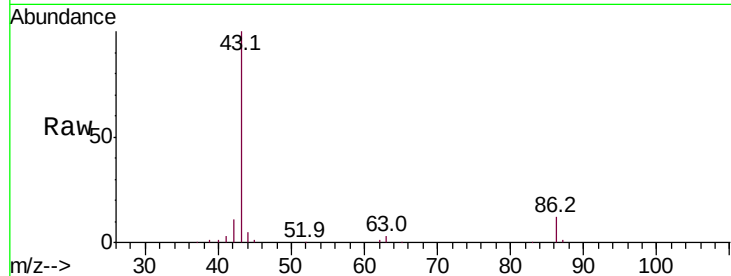
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 43 Resp: 68115

Ion Ratio Lower Upper

43 100

86 11.9 11.3 16.9



#24

1,1-Dichloroethane

Concen: 5.484 ug/l

RT: 6.01 min Scan# 726

Delta R.T. -0.01 min

Lab File: CC.D

Acq: 17 Sep 2019 10:12

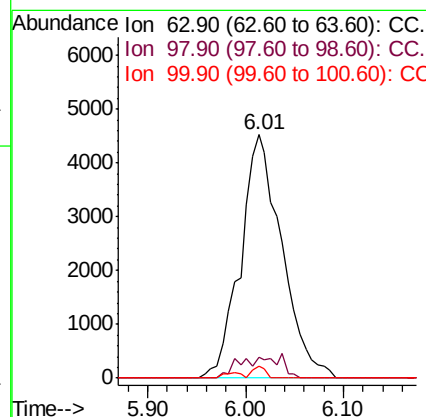
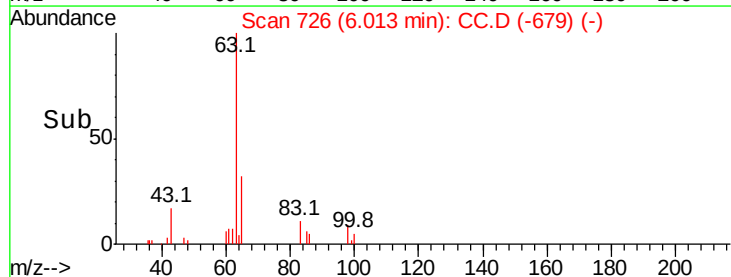
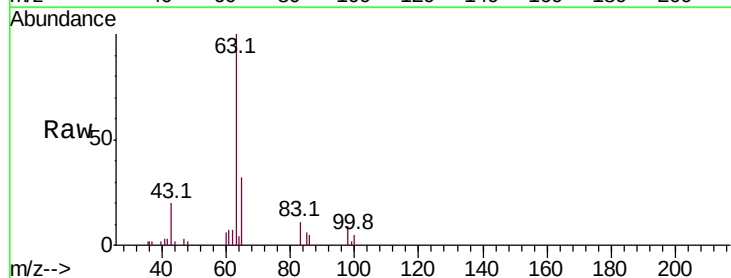
Tgt Ion: 63 Resp: 13253

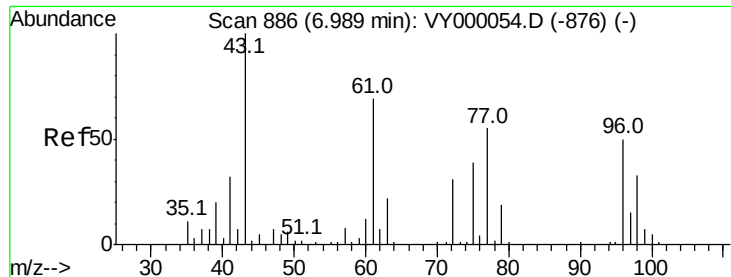
Ion Ratio Lower Upper

63 100

98 8.6 4.5 13.5

100 4.9 2.5 7.5





#25

2-Butanone

Concen: 27.182 ug/l

RT: 6.99 min Scan# 887

Delta R.T. 0.01 min

Lab File: CC.D

Acq: 17 Sep 2019 10:12

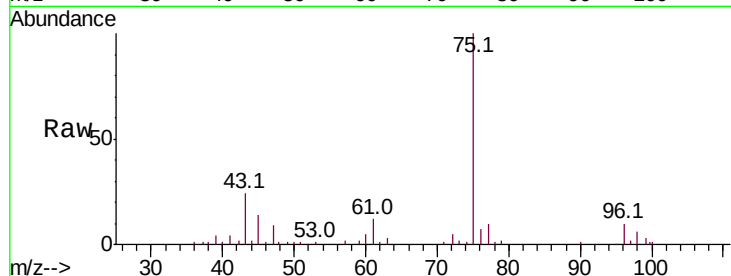
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 43 Resp: 16798

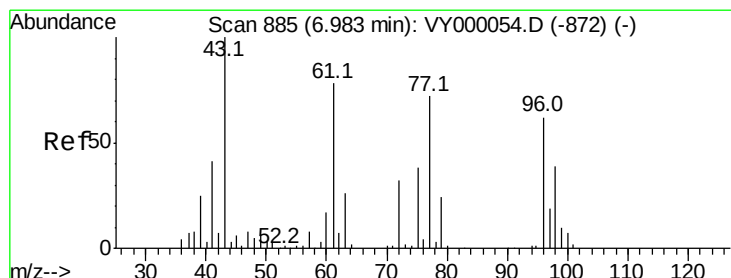
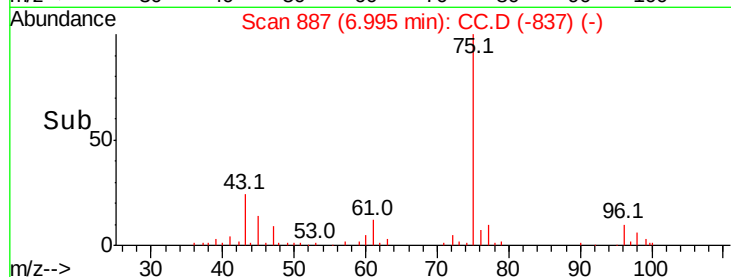
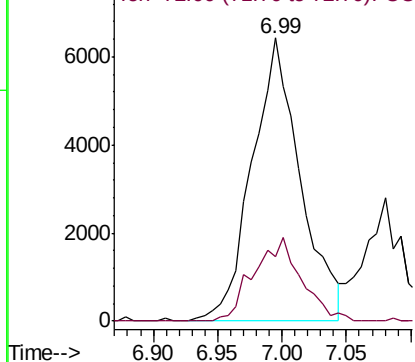
Ion Ratio Lower Upper

43 100

72 22.7 24.7 37.1#



Abundance Ion 43.00 (42.70 to 43.70): CC.
Ion 72.00 (71.70 to 72.70): CC.



#26

2,2-Dichloropropane

Concen: 6.587 ug/l

RT: 6.98 min Scan# 885

Delta R.T. -0.00 min

Lab File: CC.D

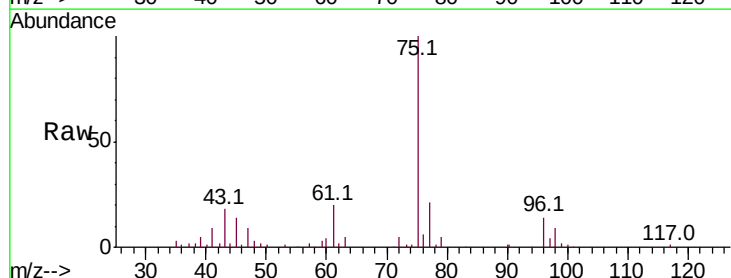
Acq: 17 Sep 2019 10:12

Tgt Ion: 77 Resp: 14691

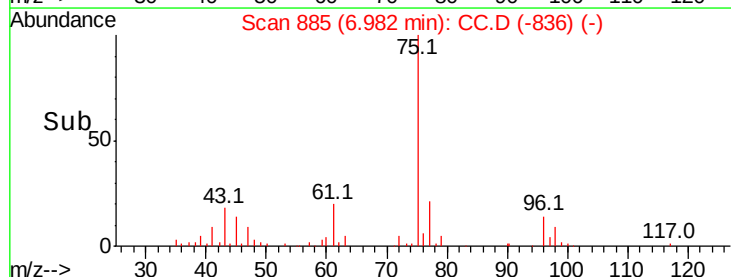
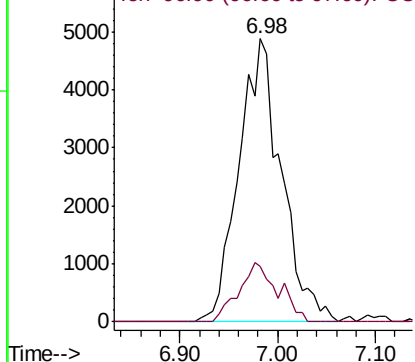
Ion Ratio Lower Upper

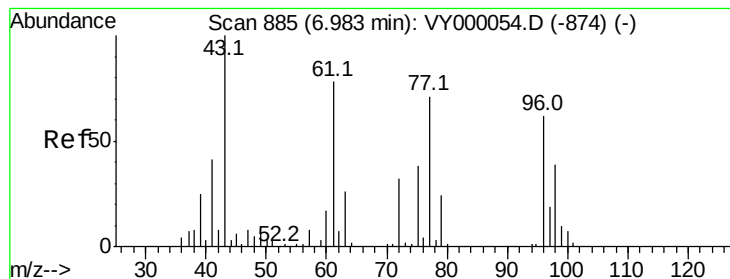
77 100

97 19.4 12.5 37.5



Abundance Ion 76.90 (76.60 to 77.60): CC.
Ion 96.90 (96.60 to 97.60): CC.



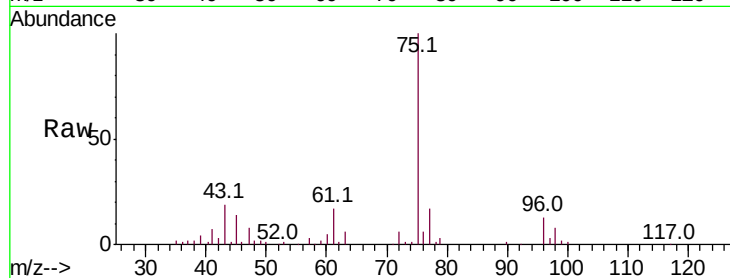


#27

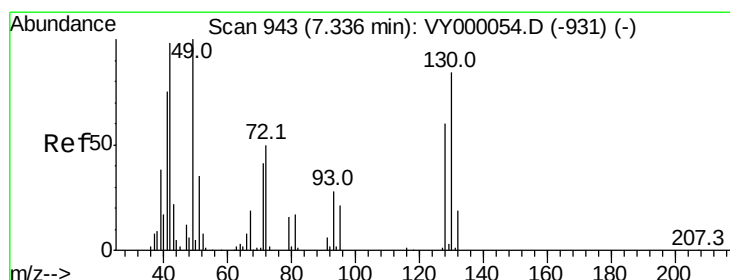
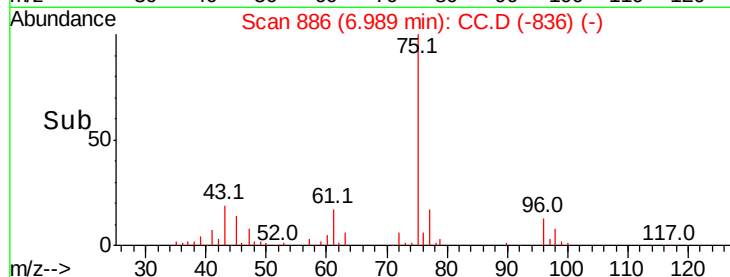
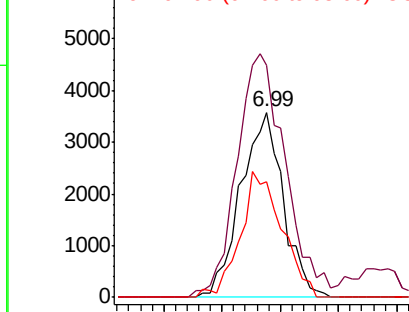
cis-1,2-Dichloroethene
Concen: 5.506 ug/l
RT: 6.99 min Scan# 886
Delta R.T. 0.01 min
Lab File: CC.D
Acq: 17 Sep 2019 10:12

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 96 Resp: 9091
Ion Ratio Lower Upper
96 100
61 150.0 0.0 263.0
98 66.4 0.0 130.2



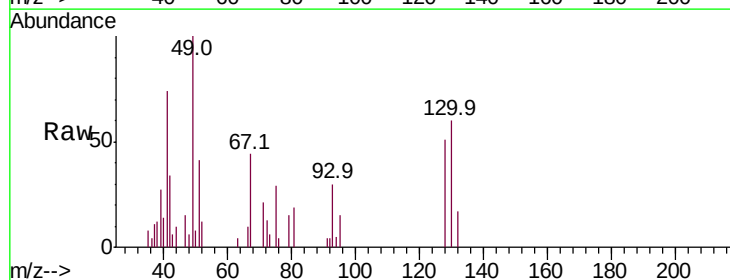
Abundance Ion 95.90 (95.60 to 96.60): CC.
Ion 60.90 (60.60 to 61.60): CC.
Ion 97.90 (97.60 to 98.60): CC.



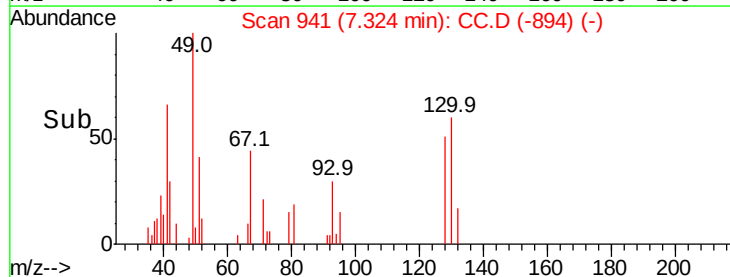
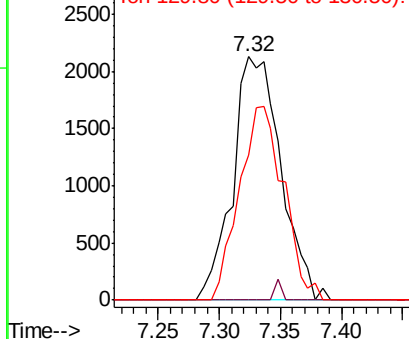
#28

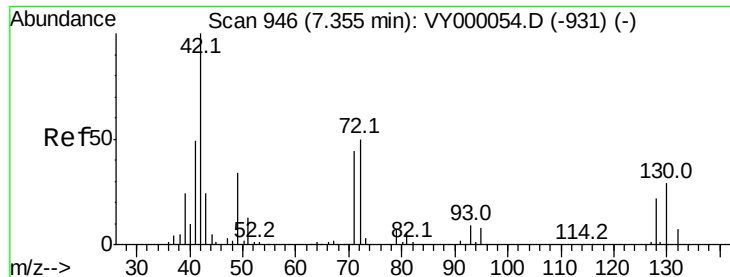
Bromochloromethane
Concen: 5.362 ug/l
RT: 7.32 min Scan# 941
Delta R.T. -0.01 min
Lab File: CC.D
Acq: 17 Sep 2019 10:12

Tgt Ion: 49 Resp: 5833
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.8
130 72.9 66.2 99.4



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

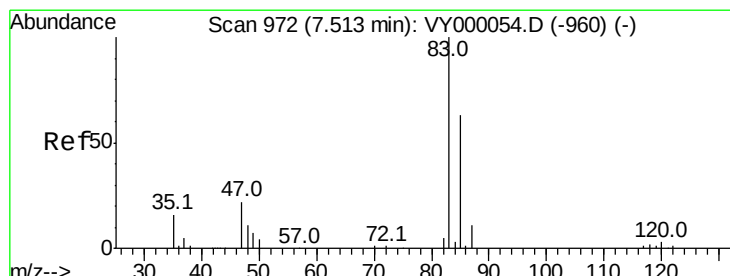
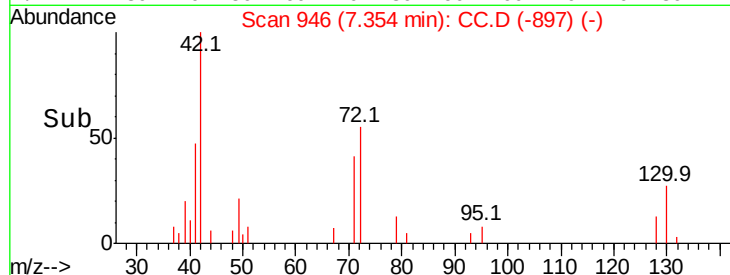
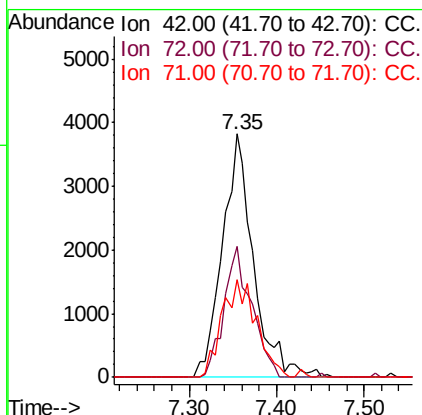
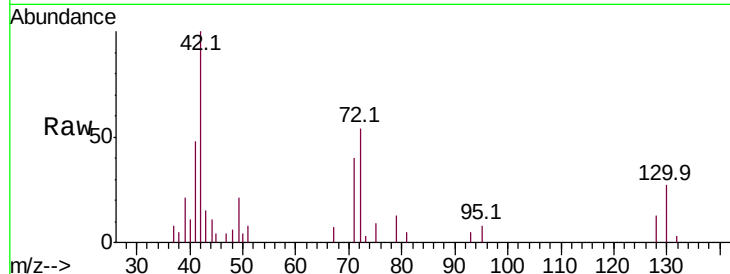




#29
Tetrahydrofuran
Concen: 25.579 ug/l
RT: 7.35 min Scan# 946
Delta R.T. -0.00 min
Lab File: CC.D
Acq: 17 Sep 2019 10:12

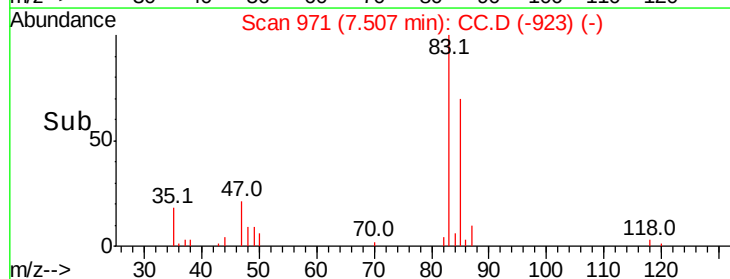
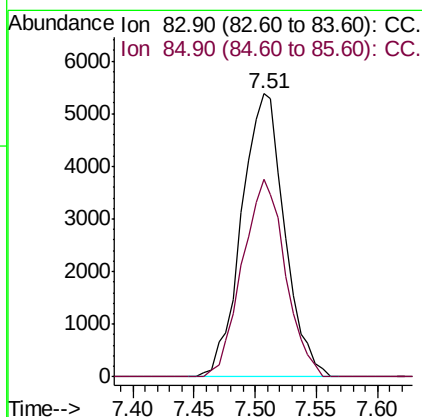
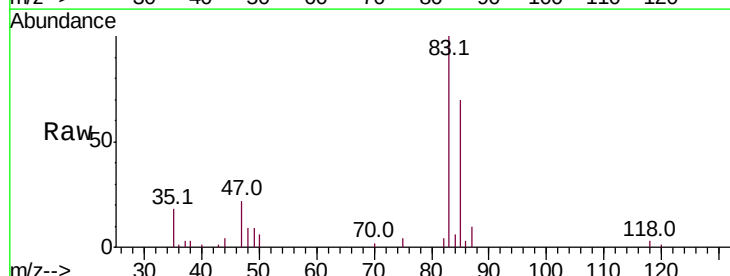
Instrument :
MSVOA_Y
ClientSampleId :

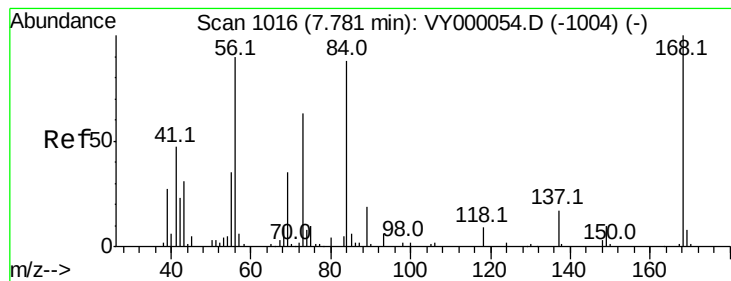
Tot Ion: 42 Resp: 9432
Ion Ratio Lower Upper
42 100
72 47.9 41.8 62.6
71 44.3 38.6 58.0



#30
Chloroform
Concen: 5.259 ug/l
RT: 7.51 min Scan# 971
Delta R.T. -0.01 min
Lab File: CC.D
Acq: 17 Sep 2019 10:12

Tgt Ion: 83 Resp: 13136
Ion Ratio Lower Upper
83 100
85 69.8 50.6 76.0





#31

Cyclohexane

Concen: 7.016 ug/l

RT: 7.78 min Scan# 1016

Delta R.T. -0.00 min

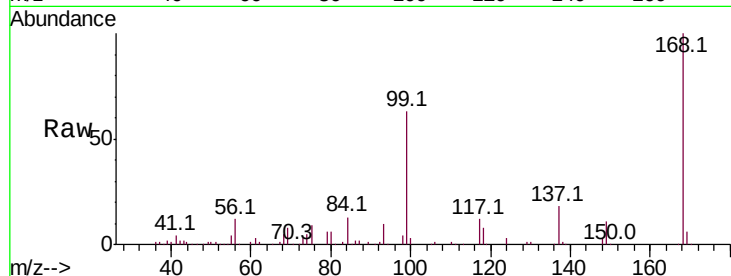
Lab File: CC.D

Acq: 17 Sep 2019 10:12

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 56 Resp: 13962

Ion	Ratio	Lower	Upper
56	100		
69	69.5	30.9	46.3#
84	107.1	78.5	117.7

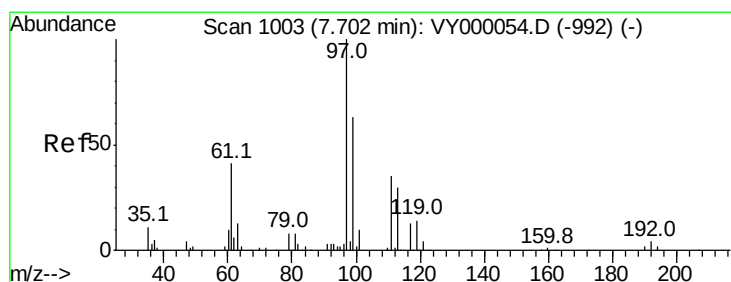
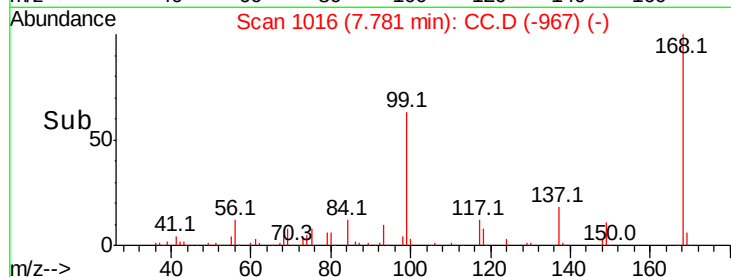
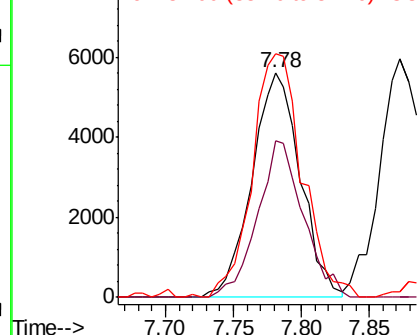


Abundance

Ion 56.00 (55.70 to 56.70): CC.

Ion 69.00 (68.70 to 69.70): CC.

Ion 84.00 (83.70 to 84.70): CC.



#32

1,1,1-Trichloroethane

Concen: 5.538 ug/l

RT: 7.71 min Scan# 1004

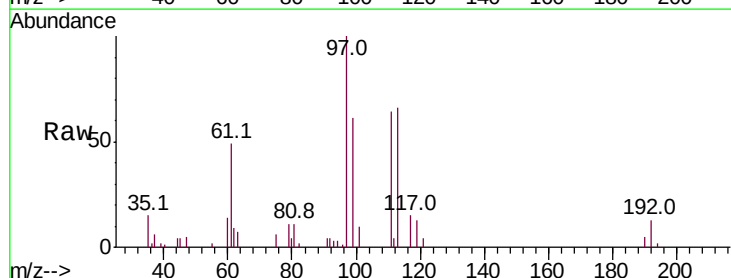
Delta R.T. 0.01 min

Lab File: CC.D

Acq: 17 Sep 2019 10:12

Tgt Ion: 97 Resp: 11255

Ion	Ratio	Lower	Upper
97	100		
99	59.3	51.8	77.6
61	43.5	34.3	51.5

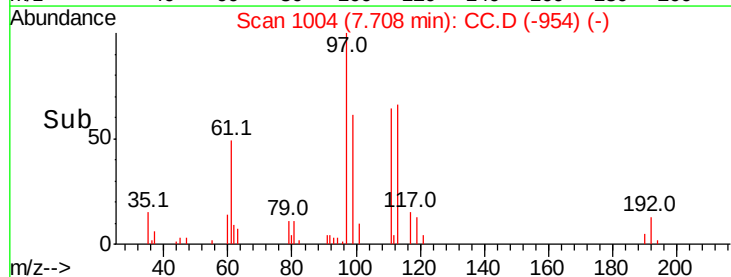
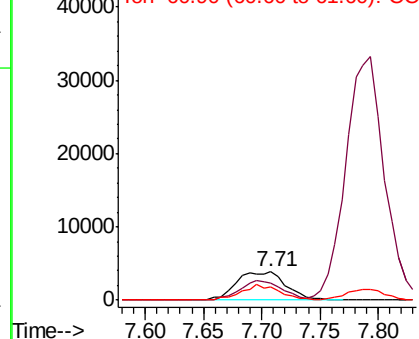


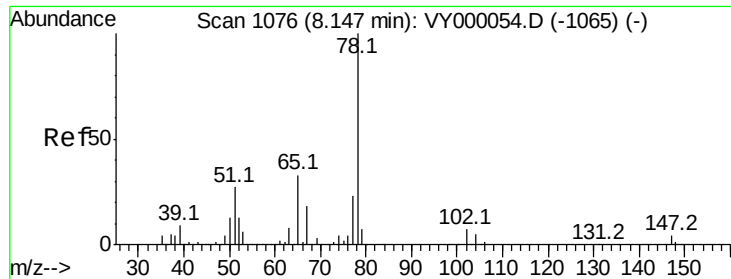
Abundance

Ion 96.90 (96.60 to 97.60): CC.

Ion 98.90 (98.60 to 99.60): CC.

Ion 60.90 (60.60 to 61.60): CC.

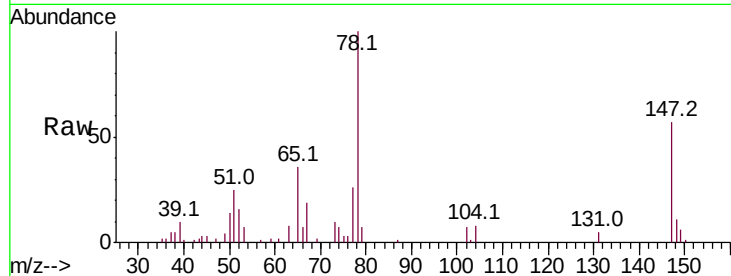




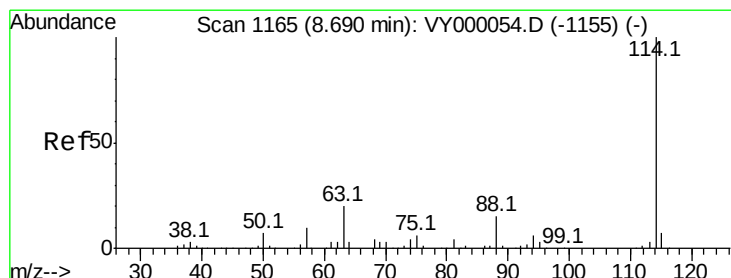
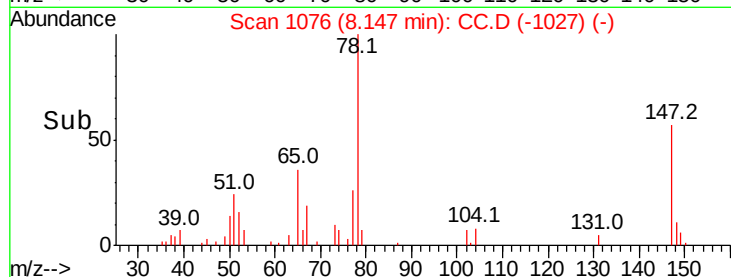
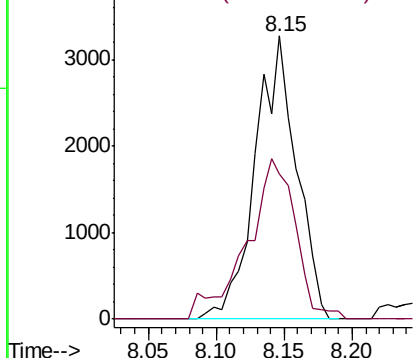
#33
 1,2-Dichloroethane-d4
 Concen: 5.094 ug/l
 RT: 8.15 min Scan# 1076
 Delta R.T. -0.00 min
 Lab File: CC.D
 Acq: 17 Sep 2019 10:12

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion: 65 Resp: 6915
 Ion Ratio Lower Upper
 65 100
 67 67.1 0.0 111.0

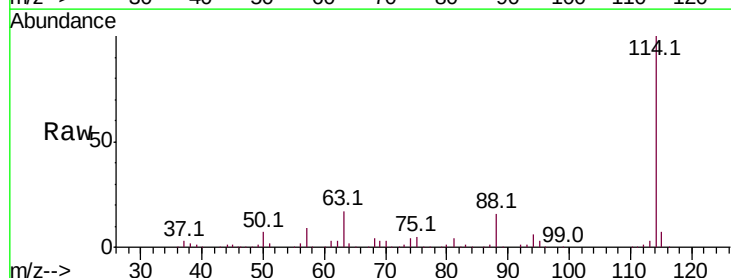


Abundance Ion 64.90 (64.60 to 65.60): CC.
 Ion 66.90 (66.60 to 67.60): CC.

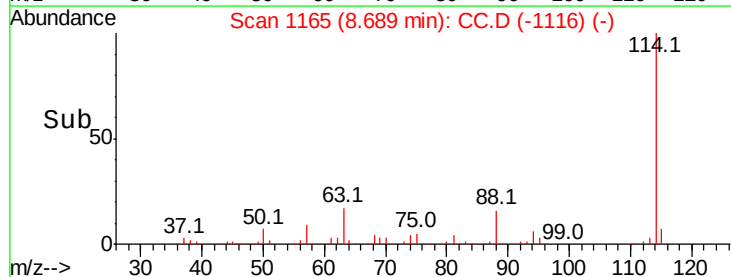
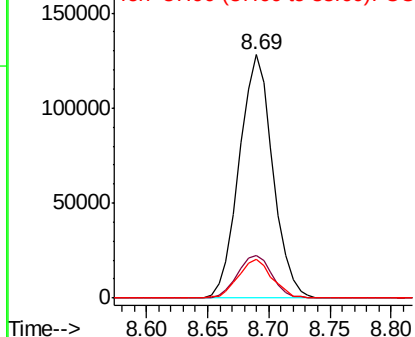


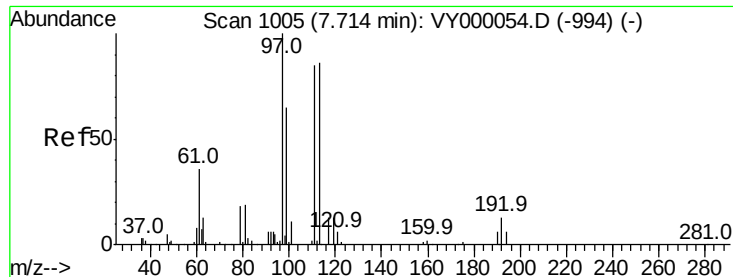
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1165
 Delta R.T. -0.00 min
 Lab File: CC.D
 Acq: 17 Sep 2019 10:12

Tgt Ion: 114 Resp: 243268
 Ion Ratio Lower Upper
 114 100
 63 17.5 0.0 39.4
 88 15.7 0.0 30.2



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

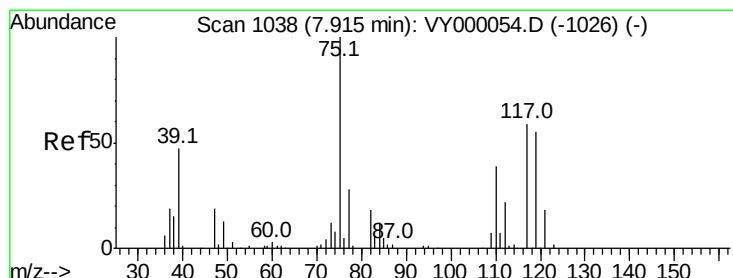
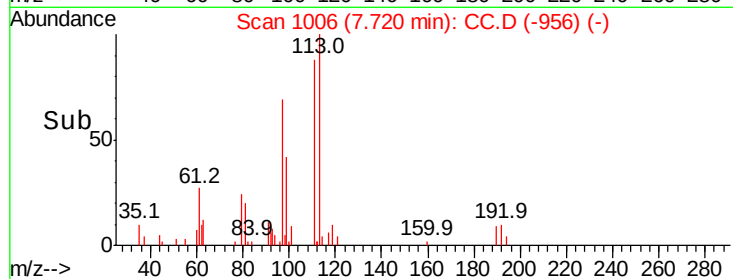
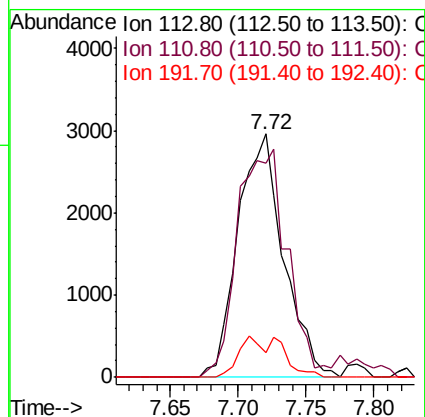
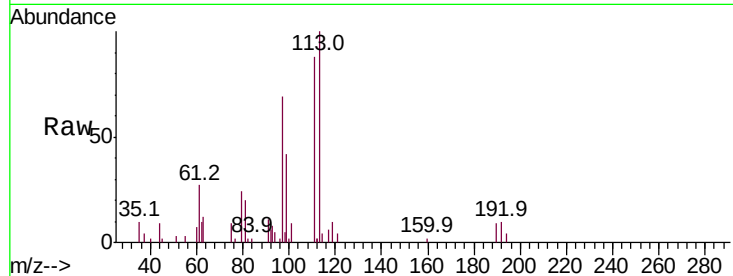




#35
 Dibromofluoromethane
 Concen: 4.960 ug/l
 RT: 7.72 min Scan# 1006
 Delta R.T. 0.01 min
 Lab File: CC.D
 Acq: 17 Sep 2019 10:12

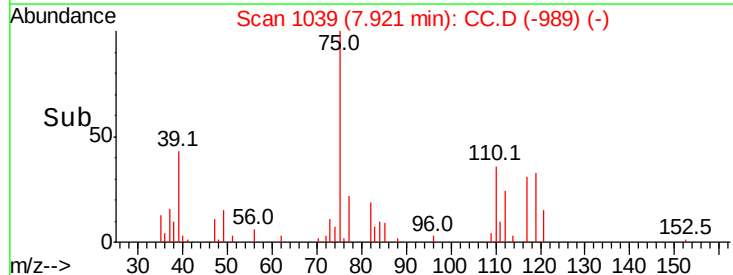
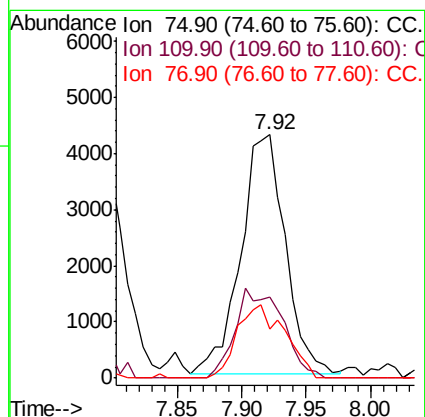
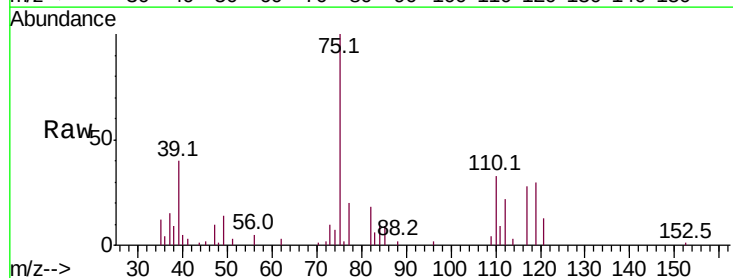
Instrument :
 MSVOA_Y
 ClientSampleId :

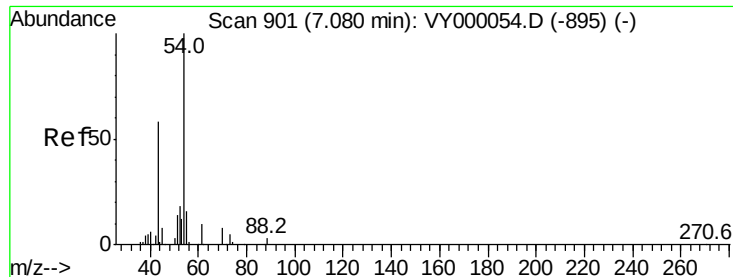
Tot Ion:113 Resp: 6947
 Ion Ratio Lower Upper
 113 100
 111 102.0 81.7 122.5
 192 9.2 13.4 20.2#



#36
 1,1-Dichloropropene
 Concen: 5.657 ug/l
 RT: 7.92 min Scan# 1039
 Delta R.T. 0.01 min
 Lab File: CC.D
 Acq: 17 Sep 2019 10:12

Tgt Ion: 75 Resp: 10197
 Ion Ratio Lower Upper
 75 100
 110 40.1 19.6 58.7
 77 32.9 24.3 36.5

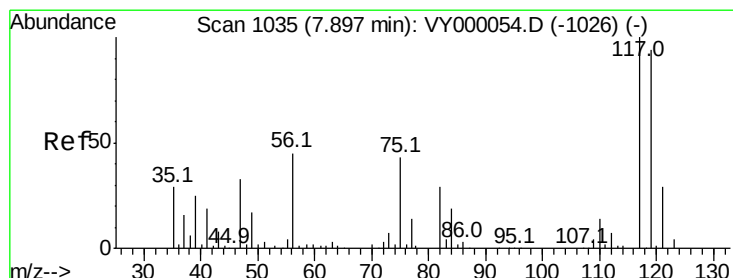
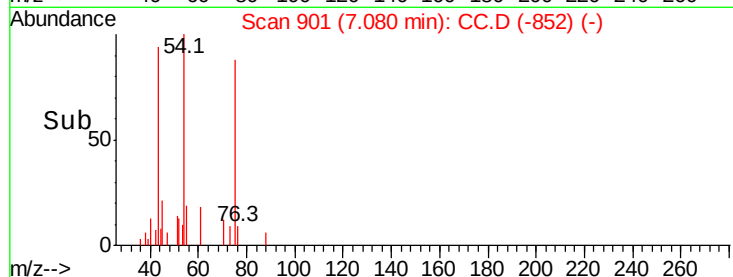
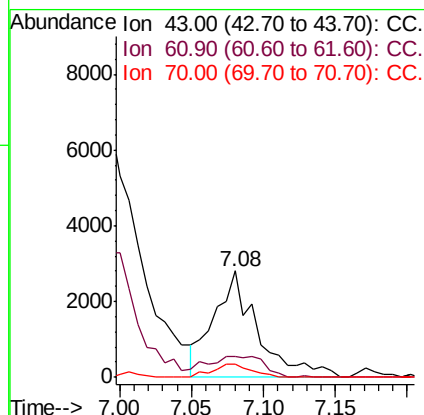
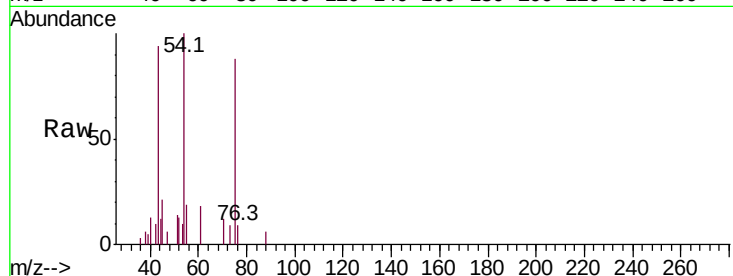




#37
Ethyl Acetate
Concen: 4.884 ug/l
RT: 7.08 min Scan# 901
Delta R.T. -0.00 min
Lab File: CC.D
Acq: 17 Sep 2019 10:12

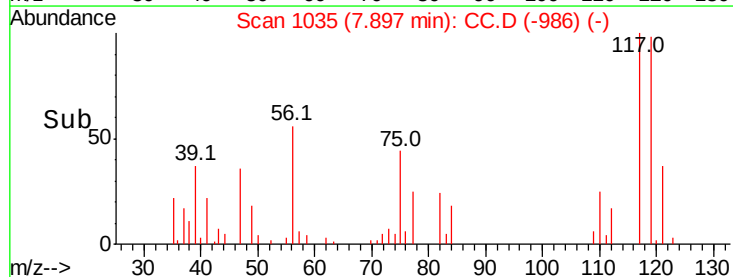
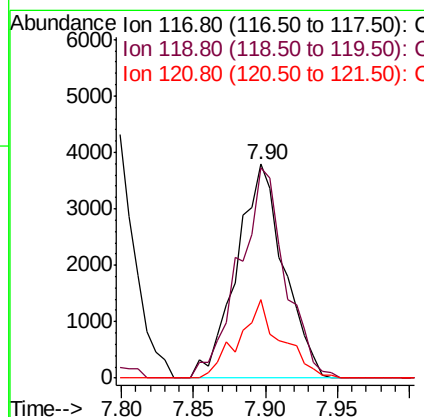
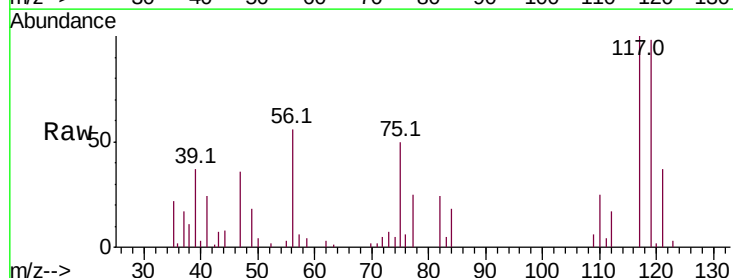
Instrument :
MSVOA_Y
ClientSampleId :

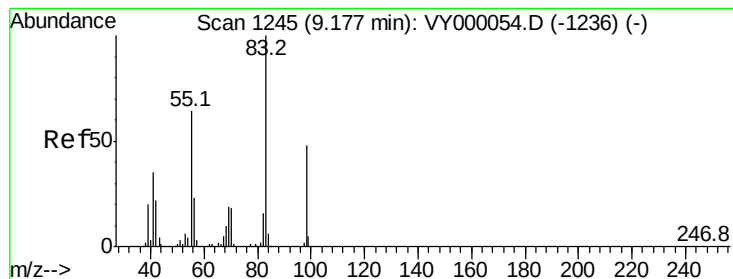
Tot Ion: 43 Resp: 5960
Ion Ratio Lower Upper
43 100
61 25.3 14.1 21.1#
70 11.2 10.6 15.8



#38
Carbon Tetrachloride
Concen: 5.091 ug/l
RT: 7.90 min Scan# 1035
Delta R.T. -0.00 min
Lab File: CC.D
Acq: 17 Sep 2019 10:12

Tgt Ion: 117 Resp: 8674
Ion Ratio Lower Upper
117 100
119 98.1 75.0 112.6
121 36.7 22.8 34.2#





#39

Methylvlcyclohexane

Concen: 5.706 ug/l

RT: 9.18 min Scan# 1245

Delta R.T. -0.00 min

Lab File: CC.D

Acq: 17 Sep 2019 10:12

Instrument :
MSVOA_Y
ClientSampled :

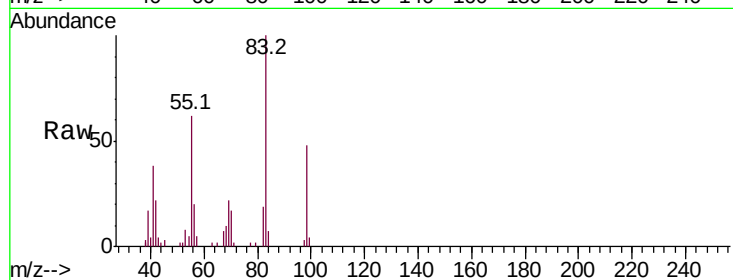
Tot Ion: 83 Resp: 12757

Ion Ratio Lower Upper

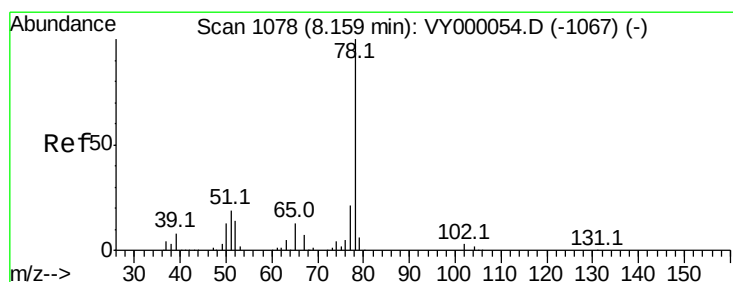
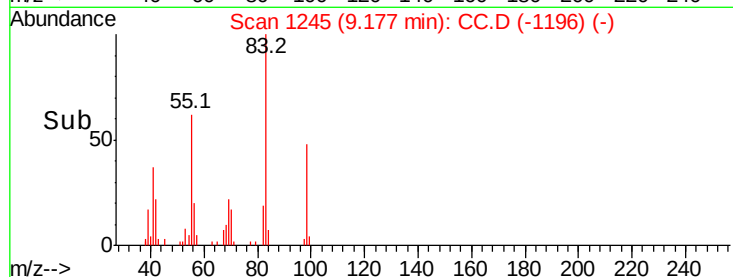
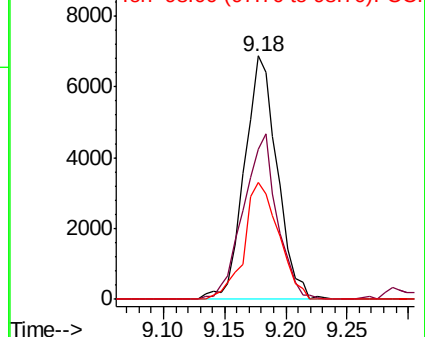
83 100

55 61.6 51.0 76.6

98 47.9 38.5 57.7



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



#40

Benzene

Concen: 5.350 ug/l

RT: 8.15 min Scan# 1077

Delta R.T. -0.01 min

Lab File: CC.D

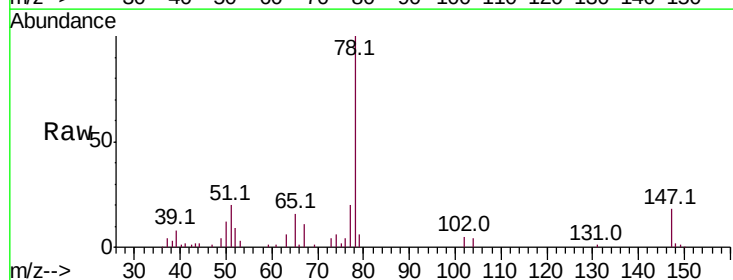
Acq: 17 Sep 2019 10:12

Tgt Ion: 78 Resp: 31612

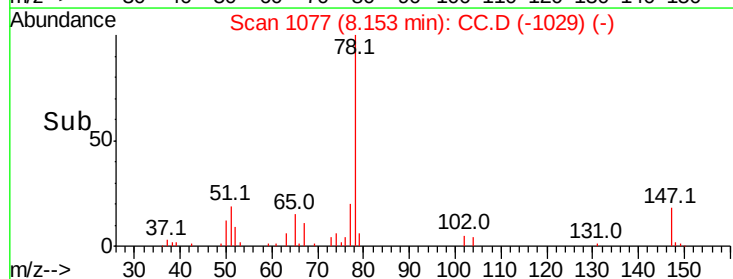
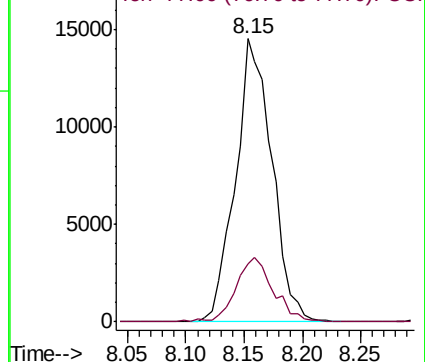
Ion Ratio Lower Upper

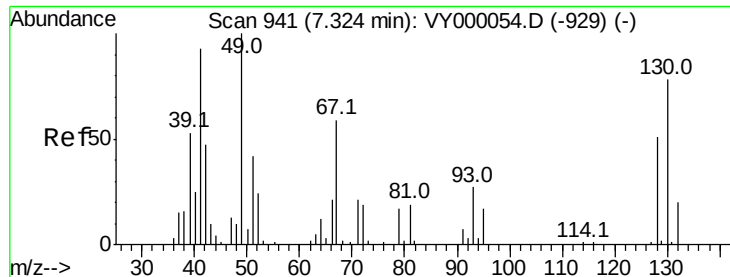
78 100

77 20.4 16.8 25.2



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





#41

Methacrylonitrile

Concen: 13.476 ug/l

RT: 7.35 min Scan# 945

Delta R.T. 0.02 min

Lab File: CC.D

Acq: 17 Sep 2019 10:12

Instrument :

MSVOA_Y

ClientSampled :

Tot Ion: 41 Resp: 9487

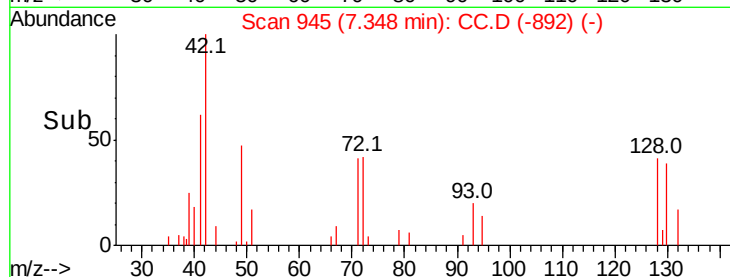
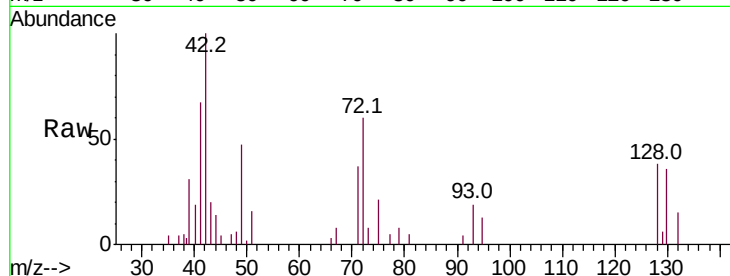
Ion Ratio Lower Upper

41 100

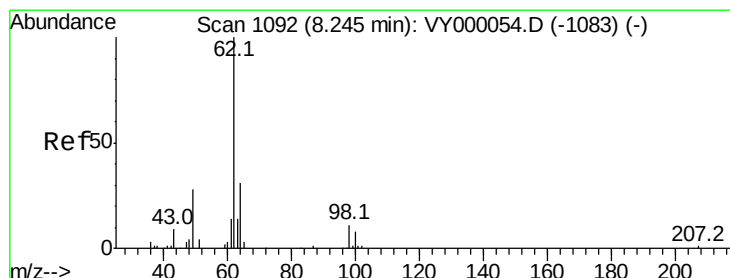
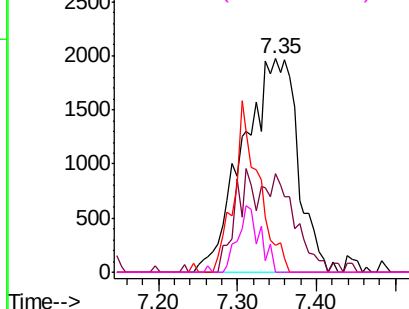
39 0.0 91.8 137.6#

67 0.0 0.0 0.0

52 0.0 0.0 0.0



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



#42

1,2-Dichloroethane

Concen: 5.371 ug/l

RT: 8.24 min Scan# 1091

Delta R.T. -0.01 min

Lab File: CC.D

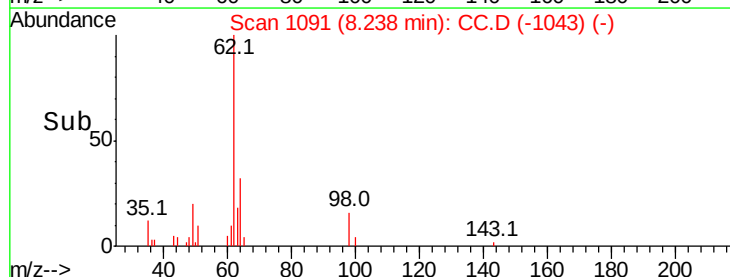
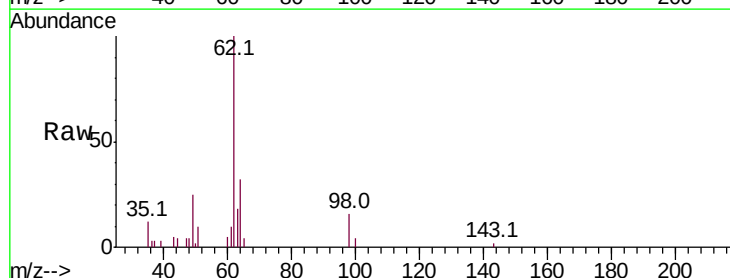
Acq: 17 Sep 2019 10:12

Tgt Ion: 62 Resp: 8144

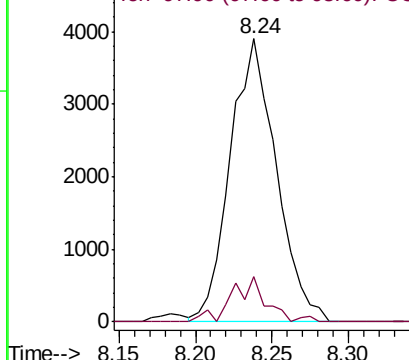
Ion Ratio Lower Upper

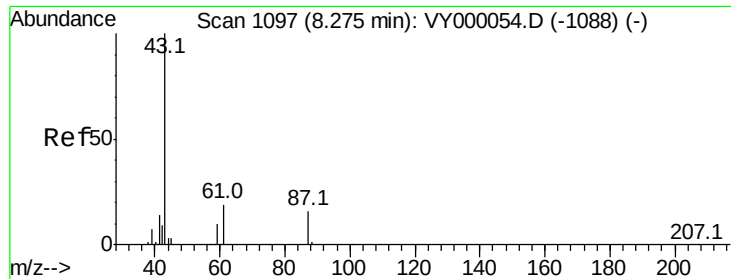
62 100

98 12.0 0.0 23.6



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





#43

Isopropyl Acetate

Concen: 5.014 ug/l

RT: 8.27 min Scan# 1097

Delta R.T. -0.00 min

Lab File: CC.D

Acq: 17 Sep 2019 10:12

Instrument :

MSVOA_Y

ClientSampleId :

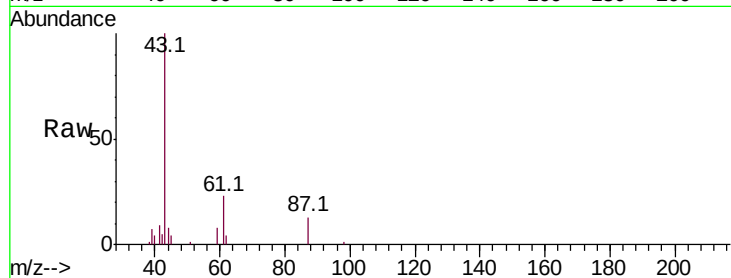
Tot Ion: 43 Resp: 11882

Ion Ratio Lower Upper

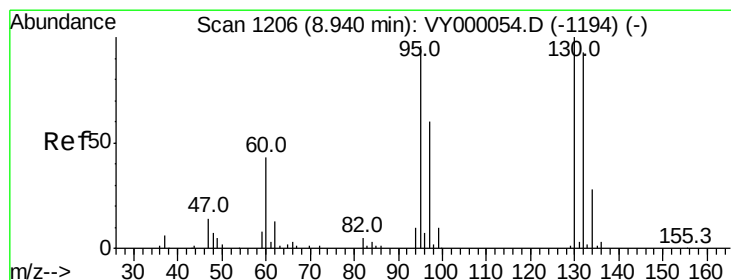
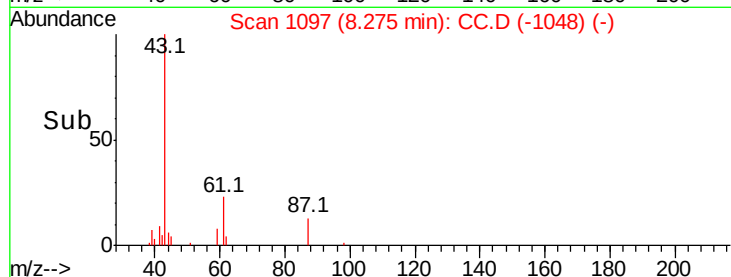
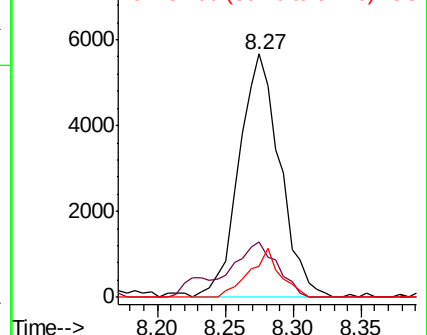
43 100

61 24.4 25.0 37.6#

87 15.1 12.4 18.6



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



#44

Trichloroethene

Concen: 5.897 ug/l

RT: 8.94 min Scan# 1206

Delta R.T. -0.00 min

Lab File: CC.D

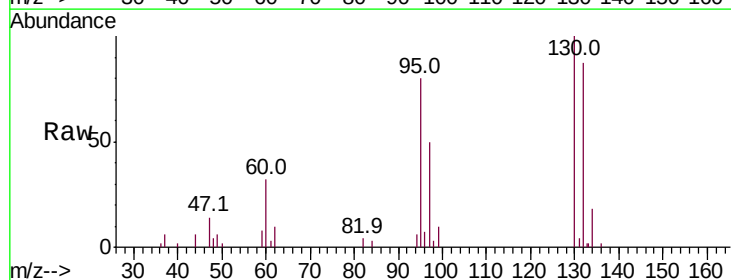
Acq: 17 Sep 2019 10:12

Tgt Ion:130 Resp: 8687

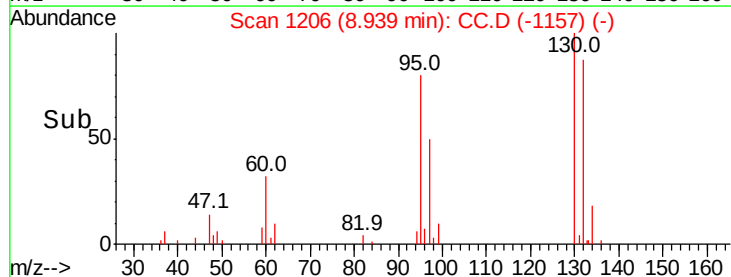
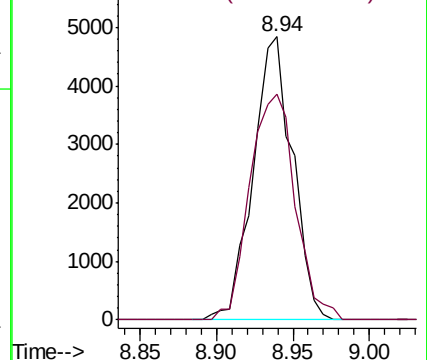
Ion Ratio Lower Upper

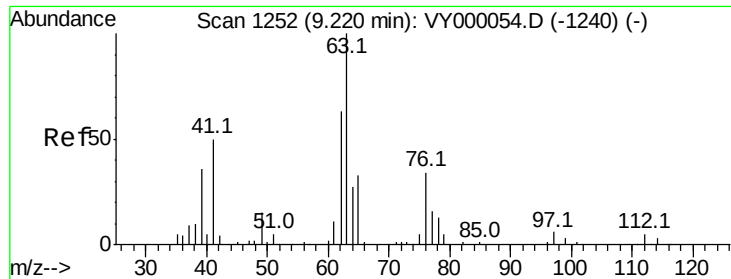
130 100

95 79.9 0.0 192.0



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

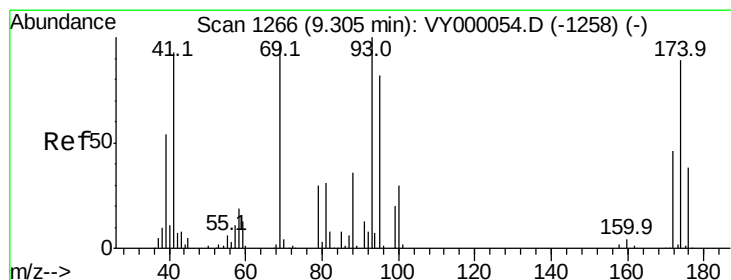
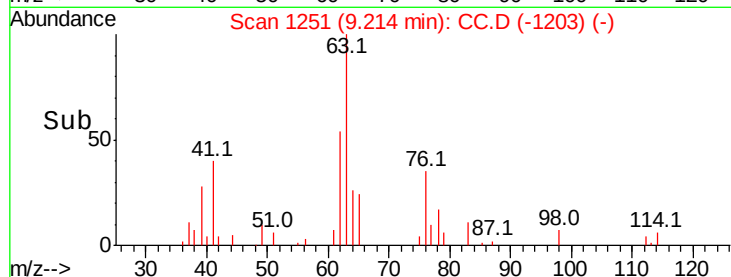
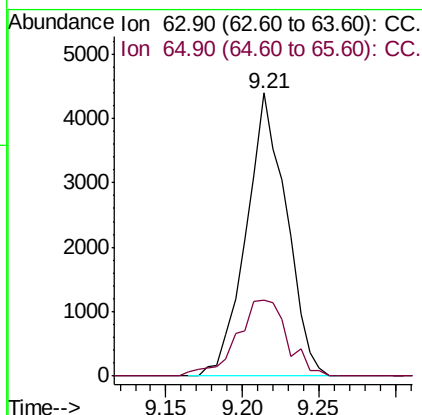
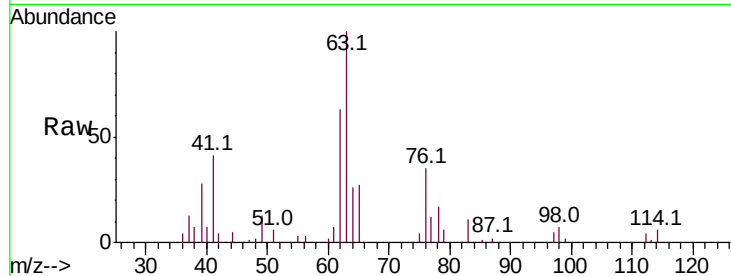




#45
 1,2-Dichloropropane
 Concen: 5.276 ug/l
 RT: 9.21 min Scan# 1251
 Delta R.T. -0.01 min
 Lab File: CC.D
 Acq: 17 Sep 2019 10:12

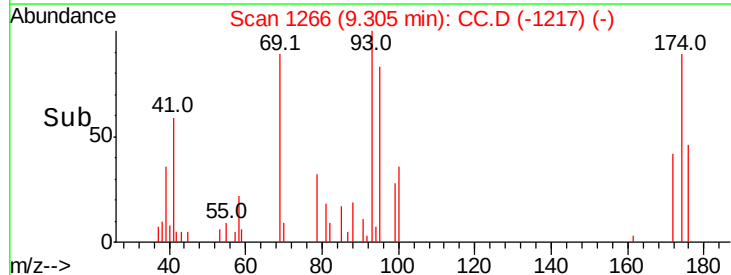
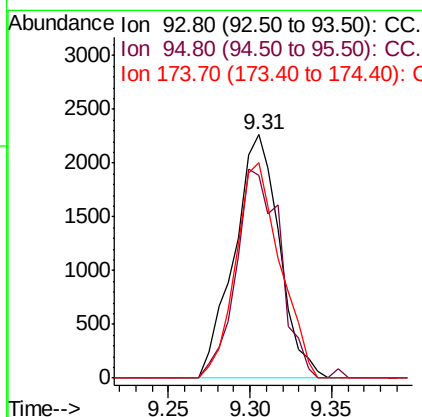
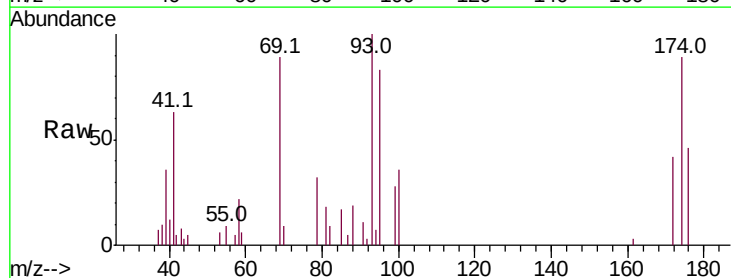
Instrument :
 MSVOA_Y
 ClientSampleId :

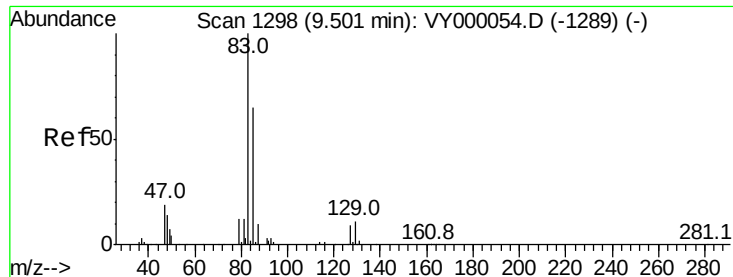
Tot Ion: 63 Resp: 8021
 Ion Ratio Lower Upper
 63 100
 65 26.8 26.2 39.4



#46
 Dibromomethane
 Concen: 5.170 ug/l
 RT: 9.31 min Scan# 1266
 Delta R.T. -0.00 min
 Lab File: CC.D
 Acq: 17 Sep 2019 10:12

Tgt Ion: 93 Resp: 4368
 Ion Ratio Lower Upper
 93 100
 95 83.7 68.1 102.1
 174 86.8 67.8 101.6





#47

Bromodichloromethane

Concen: 4.989 ug/l

RT: 9.50 min Scan# 1298

Delta R.T. -0.00 min

Lab File: CC.D

Acq: 17 Sep 2019 10:12

Instrument :
MSVOA_Y
ClientSampleId :

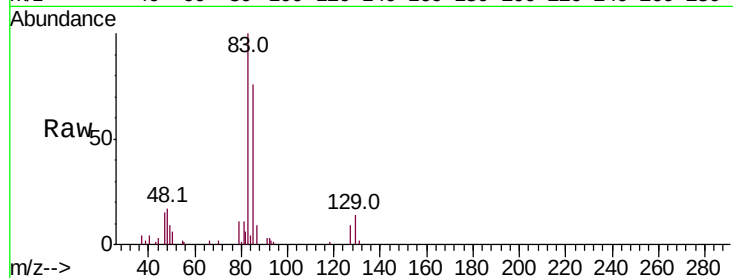
Tot Ion: 83 Resp: 10059

Ion Ratio Lower Upper

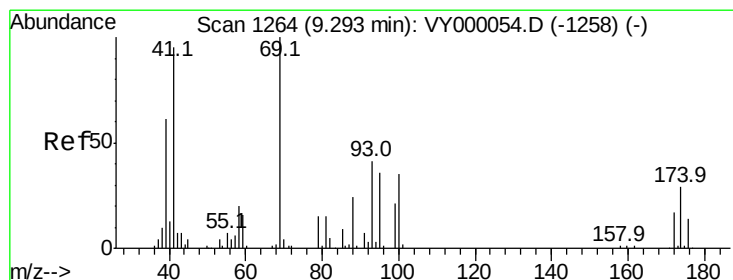
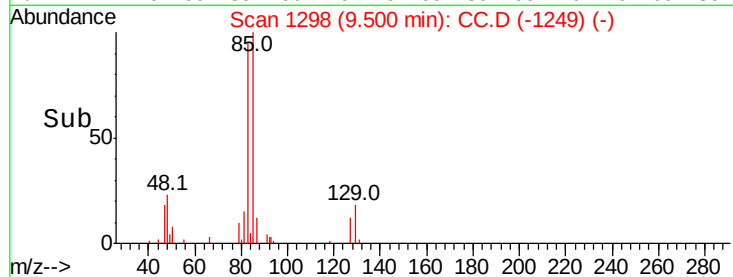
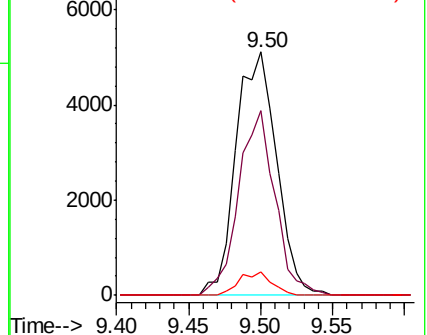
83 100

85 75.9 52.3 78.5

127 9.4 6.8 10.2



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: 5.035 ug/l

RT: 9.29 min Scan# 1264

Delta R.T. -0.00 min

Lab File: CC.D

Acq: 17 Sep 2019 10:12

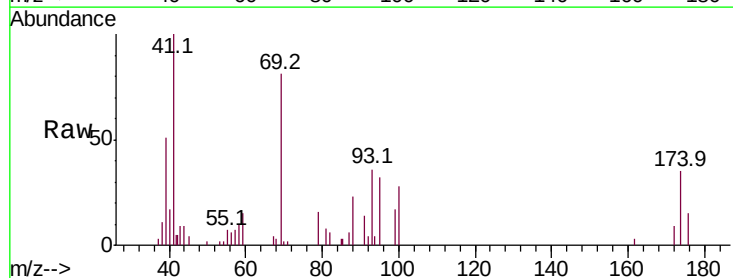
Tgt Ion: 41 Resp: 5279

Ion Ratio Lower Upper

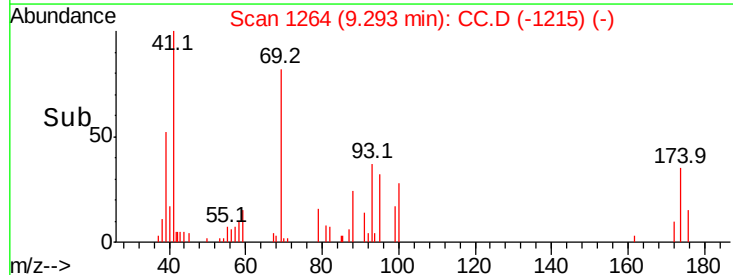
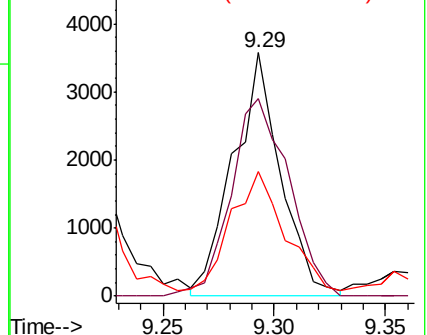
41 100

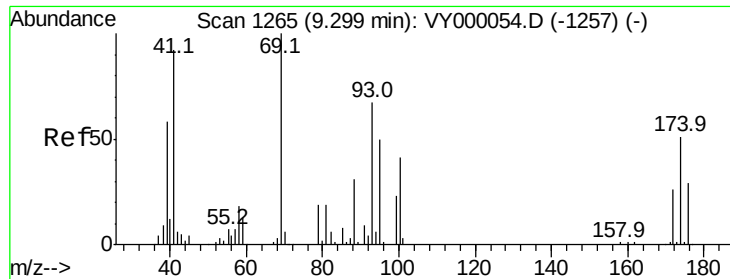
69 99.2 78.1 117.1

39 61.7 49.4 74.0



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.

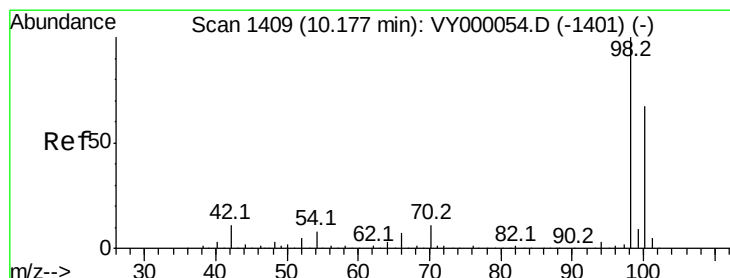
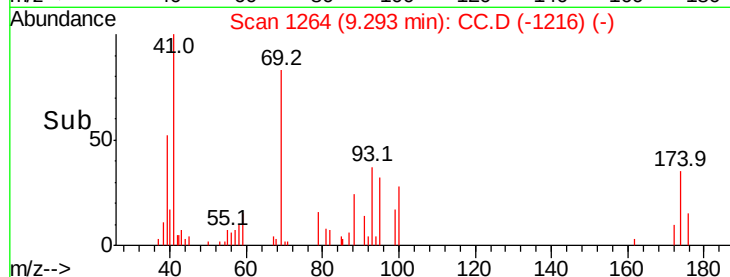
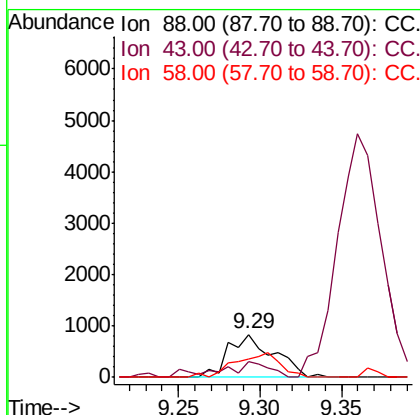
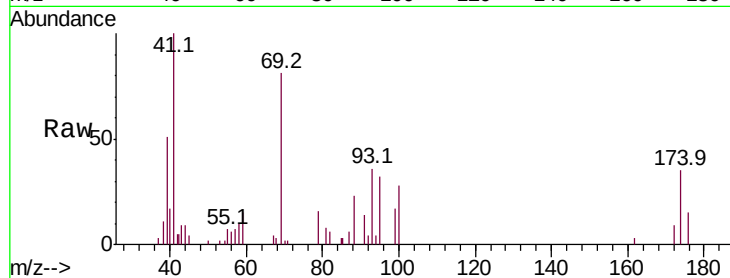




#49
 1,4-Dioxane
 Concen: 91.998 ug/l
 RT: 9.29 min Scan# 1264
 Delta R.T. -0.01 min
 Lab File: CC.D
 Acq: 17 Sep 2019 10:12

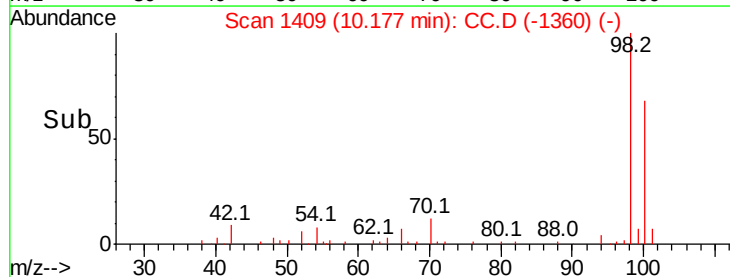
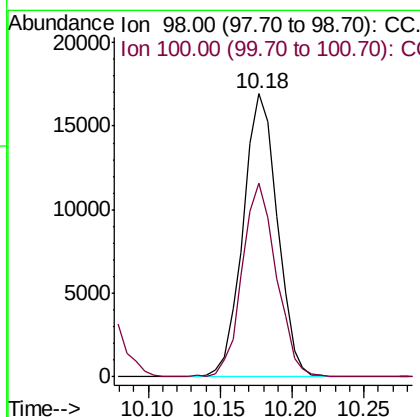
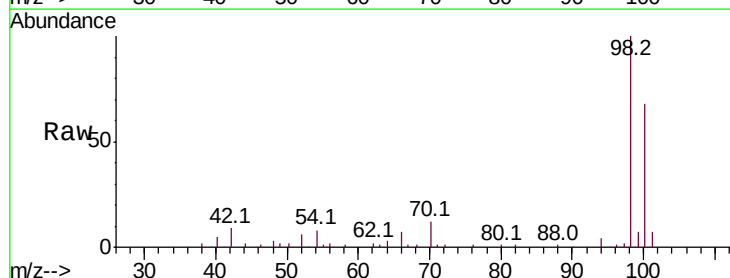
Instrument :
 MSVOA_Y
 ClientSampleId :

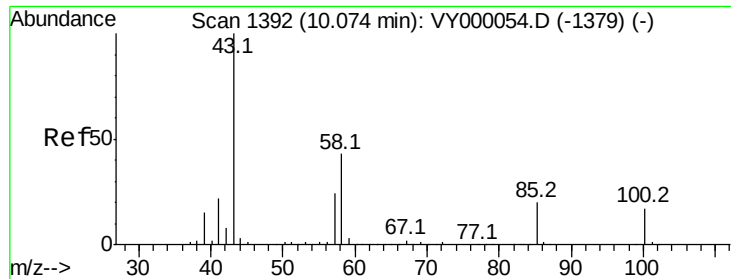
Tot Ion: 88 Resp: 1629
 Ion Ratio Lower Upper
 88 100
 43 31.9 18.7 28.1#
 58 55.6 53.0 79.6



#50
 Toluene-d8
 Concen: 4.991 ug/l
 RT: 10.18 min Scan# 1409
 Delta R.T. -0.00 min
 Lab File: CC.D
 Acq: 17 Sep 2019 10:12

Tgt Ion: 98 Resp: 27947
 Ion Ratio Lower Upper
 98 100
 100 68.0 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 23.852 ug/l

RT: 10.07 min Scan# 1392

Delta R.T. -0.00 min

Lab File: CC.D

Acq: 17 Sep 2019 10:12

Instrument :

MSVOA_Y

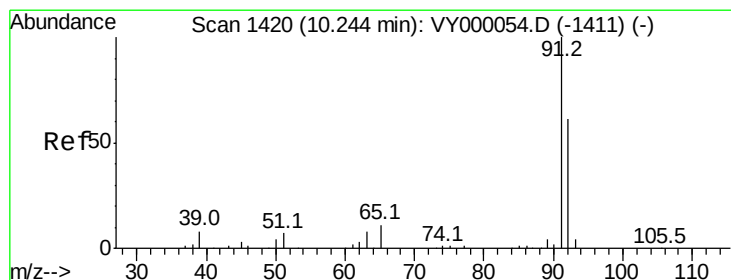
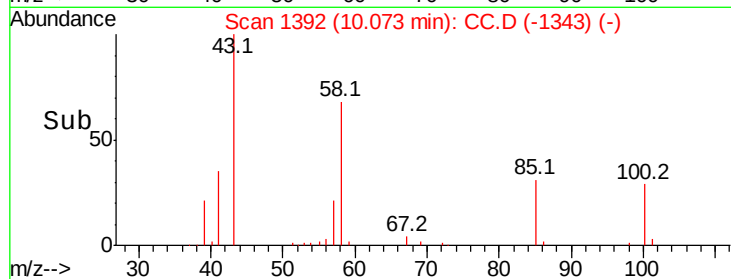
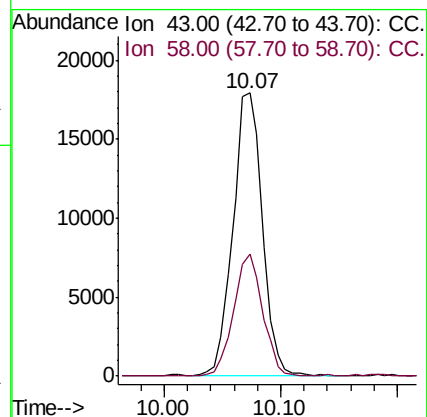
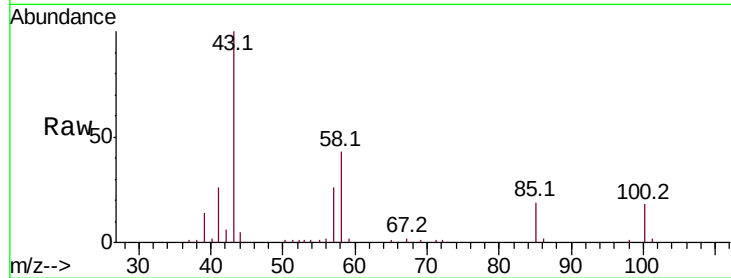
ClientSampleId :

Tot Ion: 43 Resp: 31511

Ion Ratio Lower Upper

43 100

58 42.5 34.2 51.2



#52

Toluene

Concen: 5.373 ug/l

RT: 10.24 min Scan# 1419

Delta R.T. -0.01 min

Lab File: CC.D

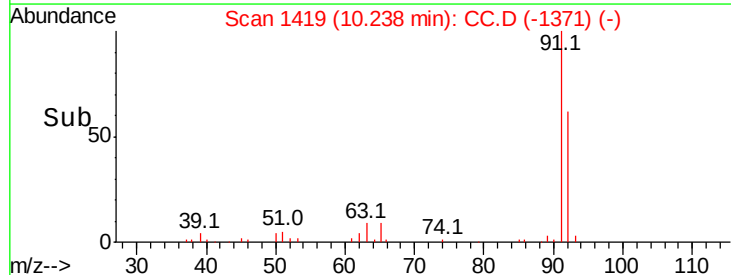
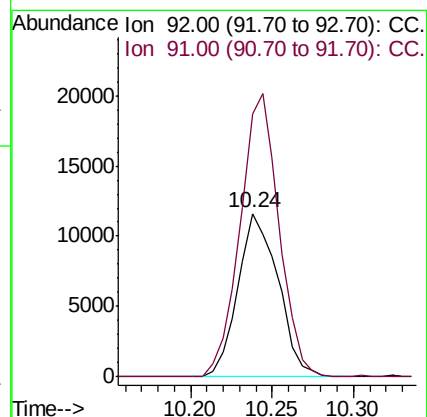
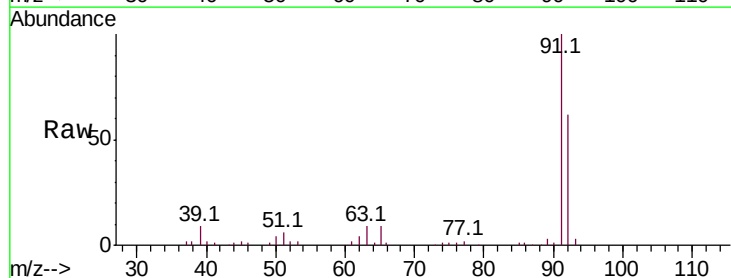
Acq: 17 Sep 2019 10:12

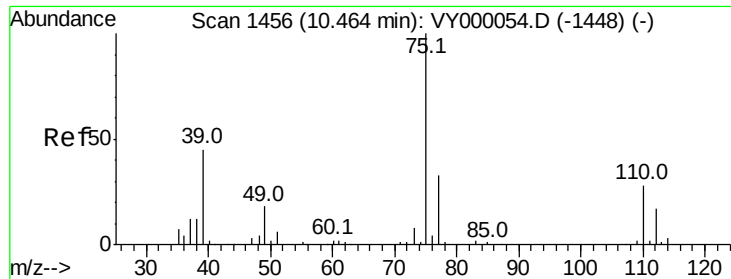
Tgt Ion: 92 Resp: 19919

Ion Ratio Lower Upper

92 100

91 168.1 135.8 203.6





#53

t-1,3-Dichloropropene

Concen: 4.965 ug/l

RT: 10.47 min Scan# 1457

Delta R.T. 0.01 min

Lab File: CC.D

Acq: 17 Sep 2019 10:12

Instrument :

MSVOA_Y

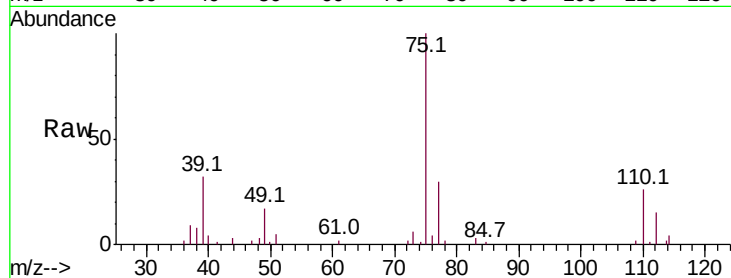
ClientSampleId :

Tot Ion: 75 Resp: 10539

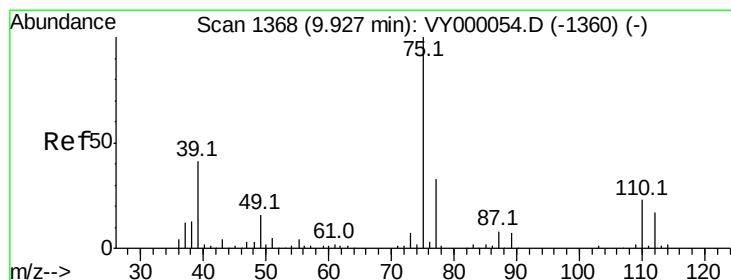
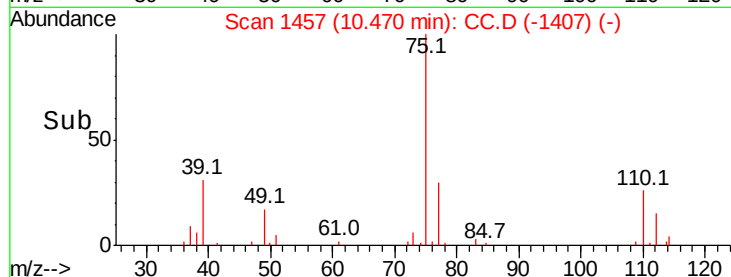
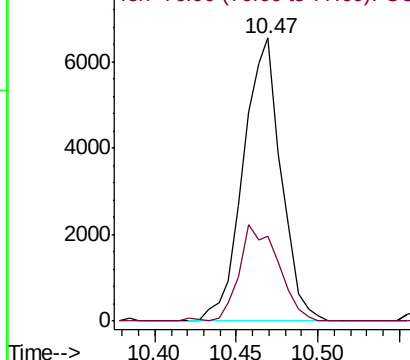
Ion Ratio Lower Upper

75 100

77 29.9 26.2 39.2



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



#54

cis-1,3-Dichloropropene

Concen: 5.021 ug/l

RT: 9.93 min Scan# 1368

Delta R.T. -0.00 min

Lab File: CC.D

Acq: 17 Sep 2019 10:12

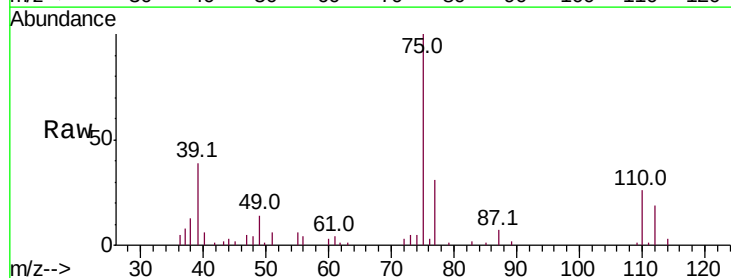
Tgt Ion: 75 Resp: 12434

Ion Ratio Lower Upper

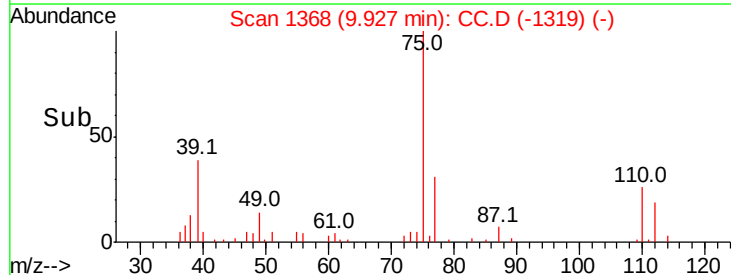
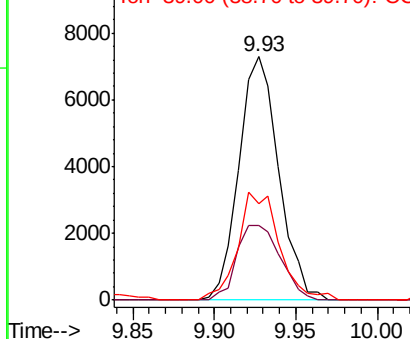
75 100

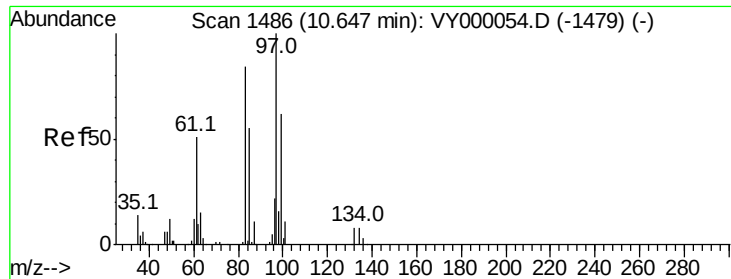
77 30.7 26.1 39.1

39 39.4 33.1 49.7



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.

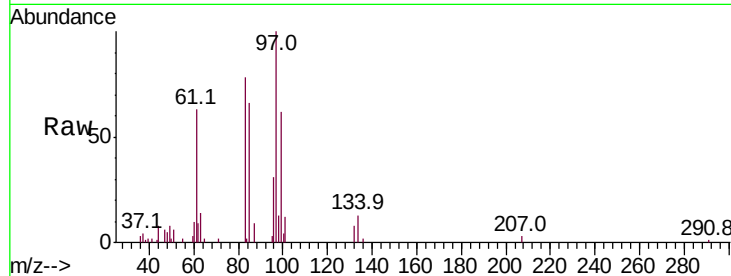




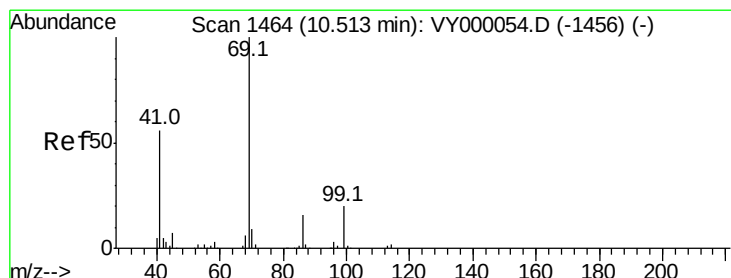
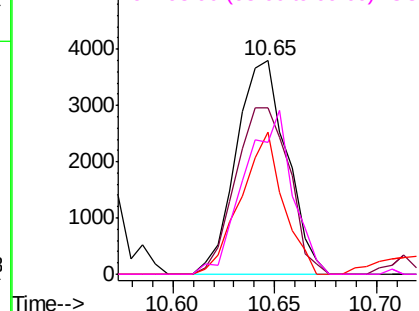
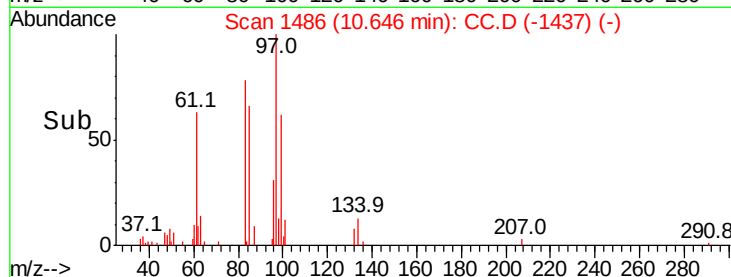
#55
 1,1,2-Trichloroethane
 Concen: 4.853 ug/l
 RT: 10.65 min Scan# 1486
 Delta R.T. -0.00 min
 Lab File: CC.D
 Acq: 17 Sep 2019 10:12

Instrument :
 MSVOA_Y
 ClientSampled :

Tot Ion: 97 Resp: 6534
 Ion Ratio Lower Upper
 97 100
 83 77.9 67.3 100.9
 85 66.5 43.6 65.4#
 99 62.0 49.8 74.6

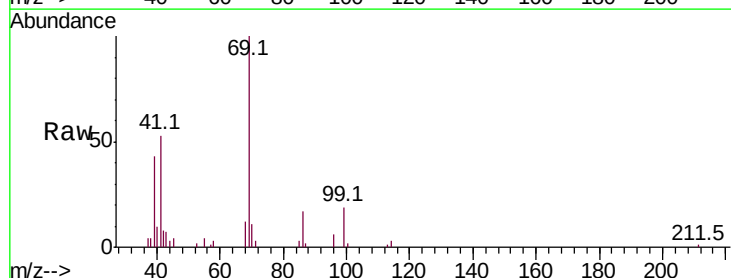


Abundance Ion 96.90 (96.60 to 97.60): CC.
 Ion 82.90 (82.60 to 83.60): CC.
 Ion 84.90 (84.60 to 85.60): CC.
 Ion 98.90 (98.60 to 99.60): CC.

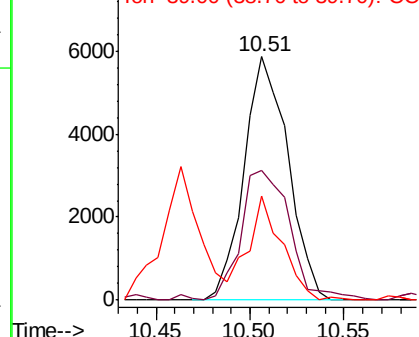
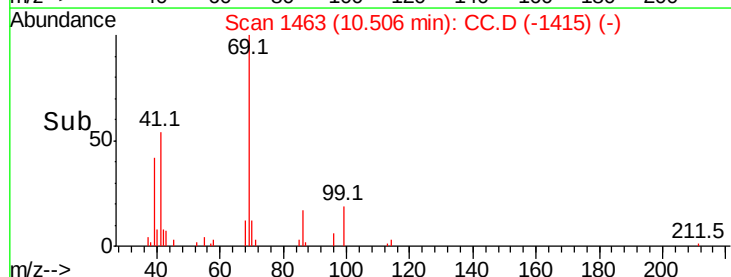


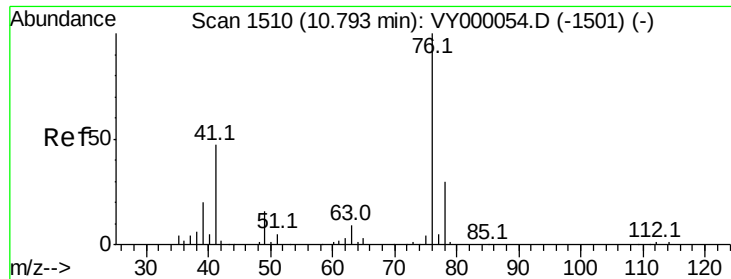
#56
 Ethyl methacrylate
 Concen: 5.022 ug/l
 RT: 10.51 min Scan# 1463
 Delta R.T. -0.01 min
 Lab File: CC.D
 Acq: 17 Sep 2019 10:12

Tgt Ion: 69 Resp: 9473
 Ion Ratio Lower Upper
 69 100
 41 59.7 45.6 68.4
 39 33.4 27.3 40.9



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

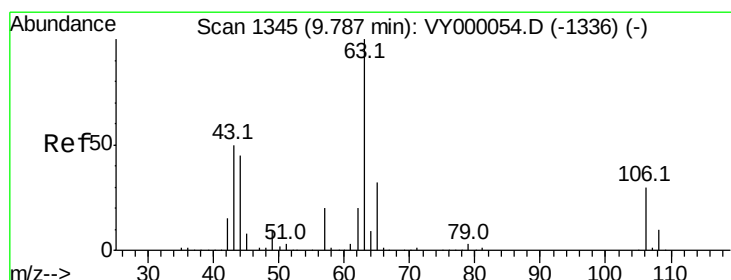
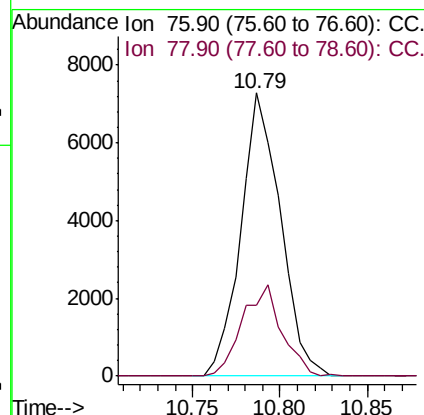
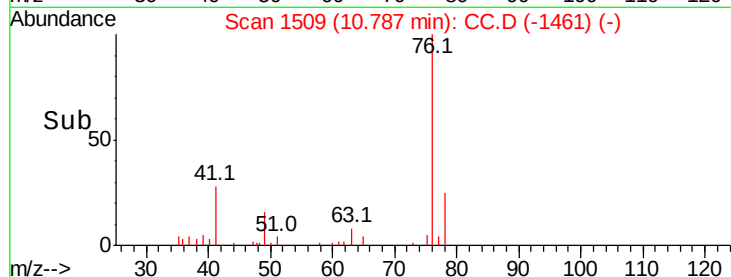
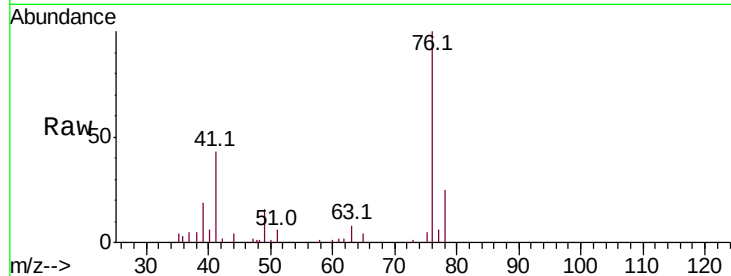




#57
 1,3-Dichloropropane
 Concen: 5.331 ug/l
 RT: 10.79 min Scan# 1509
 Delta R.T. -0.01 min
 Lab File: CC.D
 Acq: 17 Sep 2019 10:12

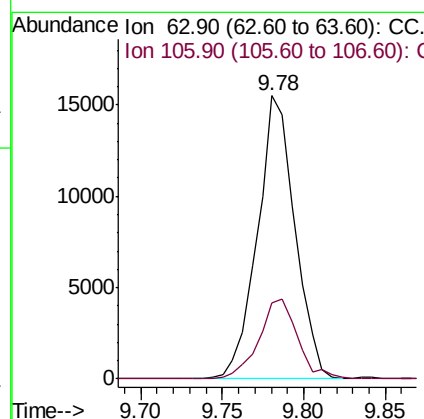
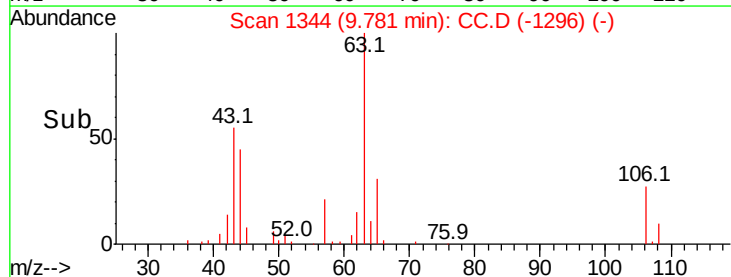
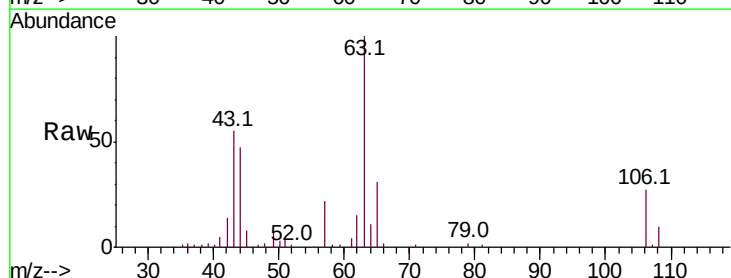
Instrument :
 MSVOA_Y
 ClientSampleId :

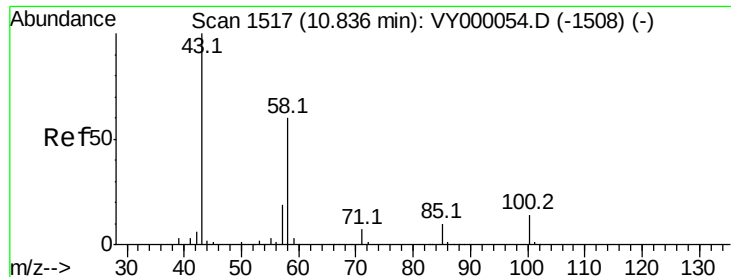
Tot Ion: 76 Resp: 11443
 Ion Ratio Lower Upper
 76 100
 78 32.2 26.6 40.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 24.506 ug/l
 RT: 9.78 min Scan# 1344
 Delta R.T. -0.01 min
 Lab File: CC.D
 Acq: 17 Sep 2019 10:12

Tgt Ion: 63 Resp: 24707
 Ion Ratio Lower Upper
 63 100
 106 29.1 23.3 34.9





#59

2-Hexanone

Concen: 22.854 ug/l

RT: 10.83 min Scan# 1516

Delta R.T. -0.01 min

Lab File: CC.D

Acq: 17 Sep 2019 10:12

Instrument :

MSVOA_Y

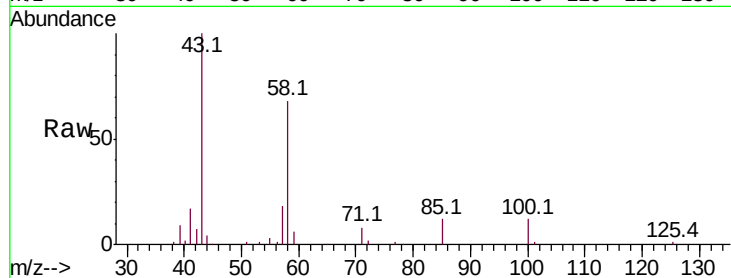
ClientSampleId :

Tot Ion: 43 Resp: 21850

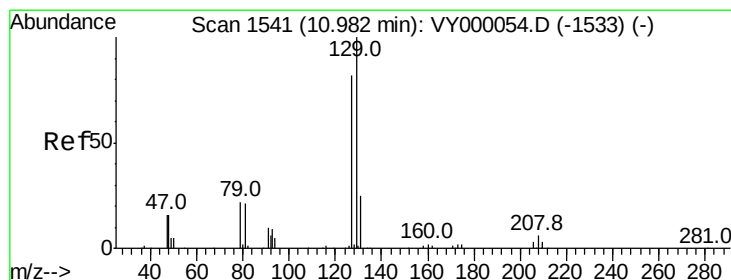
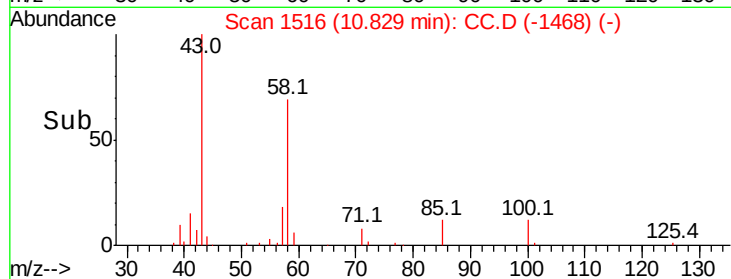
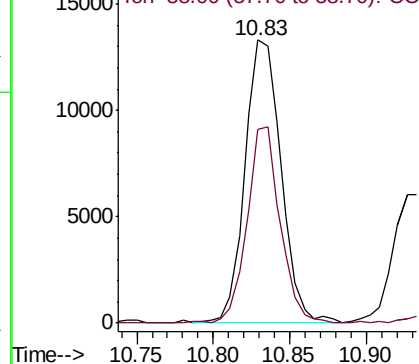
Ion Ratio Lower Upper

43 100

58 63.5 29.9 89.7



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



#60

Dibromochloromethane

Concen: 4.811 ug/l

RT: 10.98 min Scan# 1541

Delta R.T. -0.00 min

Lab File: CC.D

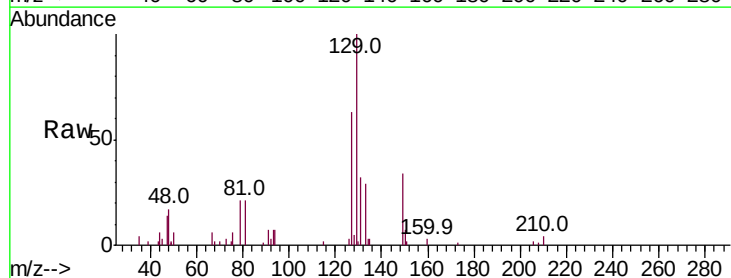
Acq: 17 Sep 2019 10:12

Tgt Ion: 129 Resp: 6771

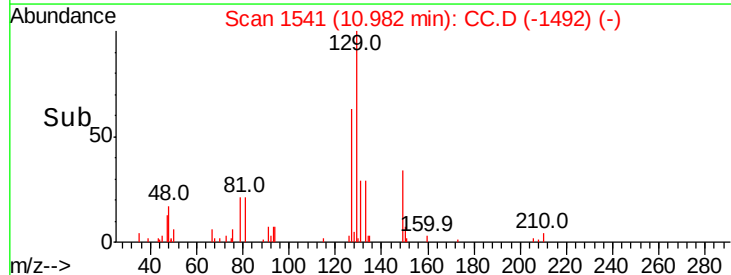
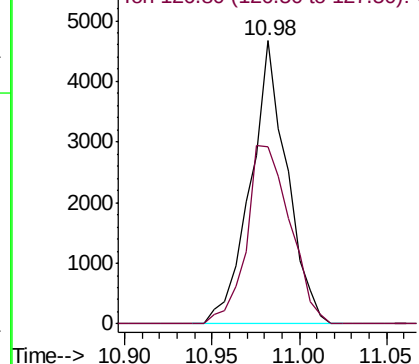
Ion Ratio Lower Upper

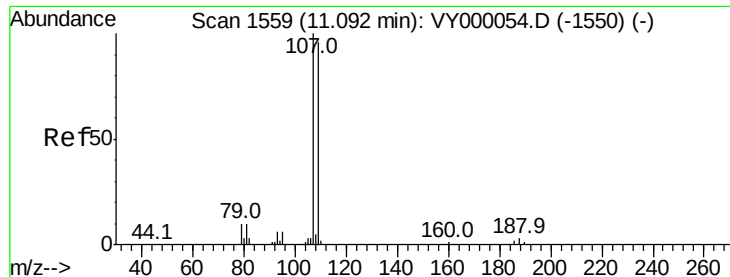
129 100

127 75.1 40.2 120.6



Abundance Ion 128.80 (128.50 to 129.50): C
Ion 126.80 (126.50 to 127.50): C

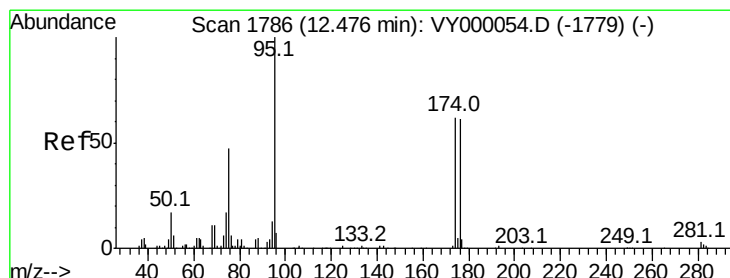
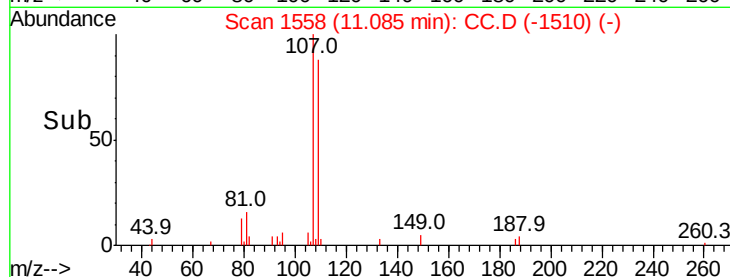
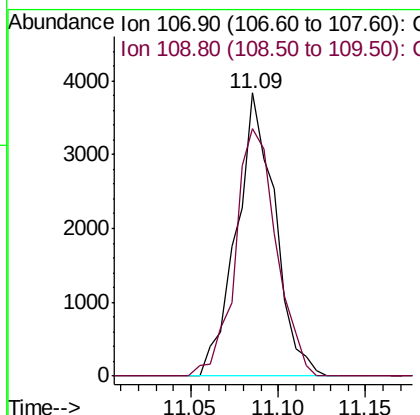
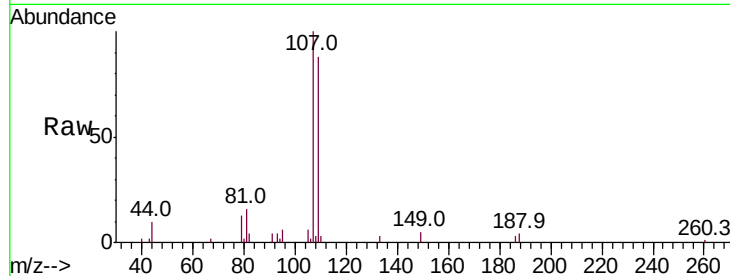




#61
 1,2-Dibromoethane
 Concen: 4.963 ug/l
 RT: 11.09 min Scan# 1558
 Delta R.T. -0.01 min
 Lab File: CC.D
 Acq: 17 Sep 2019 10:12

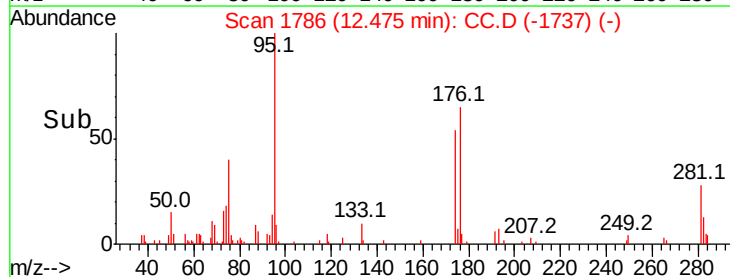
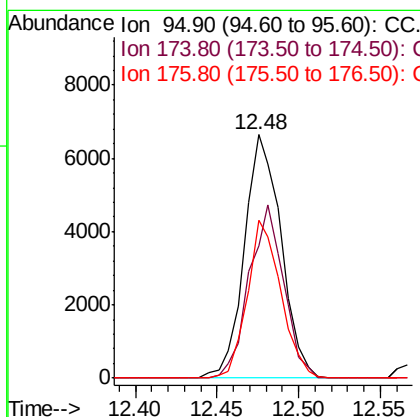
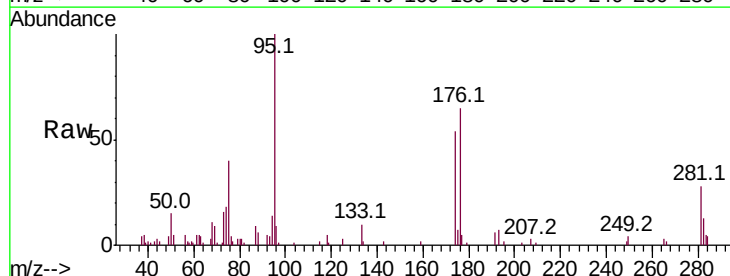
Instrument :
 MSVOA_Y
 ClientSampleId :

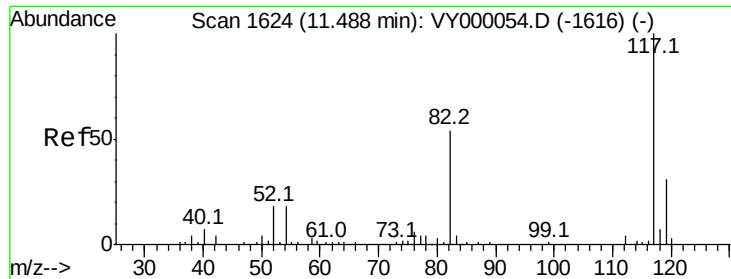
Tot Ion:107 Resp: 5890
 Ion Ratio Lower Upper
 107 100
 109 92.9 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 5.117 ug/l
 RT: 12.48 min Scan# 1786
 Delta R.T. -0.00 min
 Lab File: CC.D
 Acq: 17 Sep 2019 10:12

Tgt Ion: 95 Resp: 10393
 Ion Ratio Lower Upper
 95 100
 174 66.6 0.0 137.2
 176 59.5 0.0 135.0

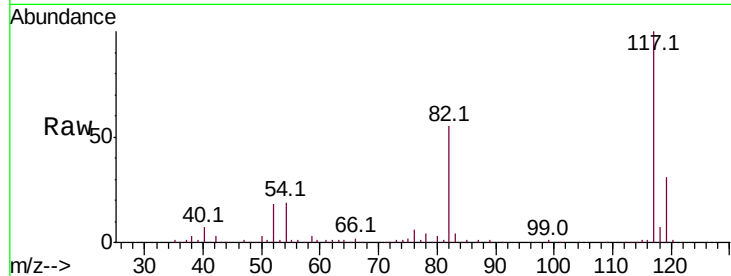




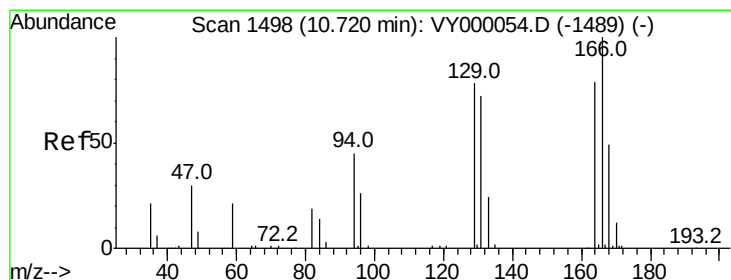
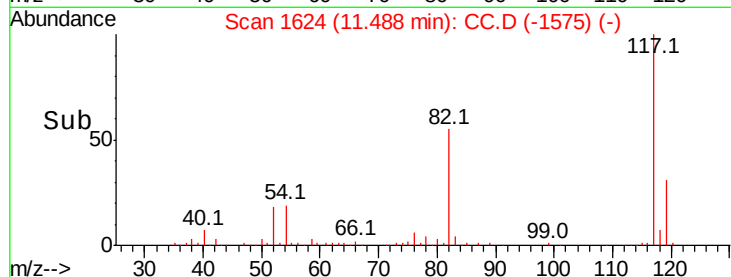
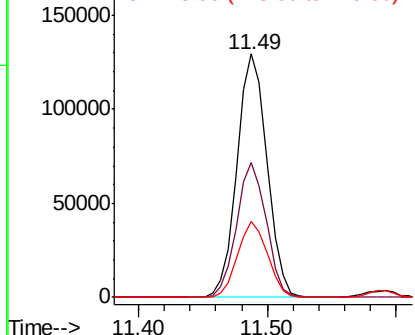
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1624
Delta R.T. -0.00 min
Lab File: CC.D
Acq: 17 Sep 2019 10:12

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:117 Resp: 208616
Ion Ratio Lower Upper
117 100
82 55.5 43.5 65.3
119 31.3 24.6 36.8

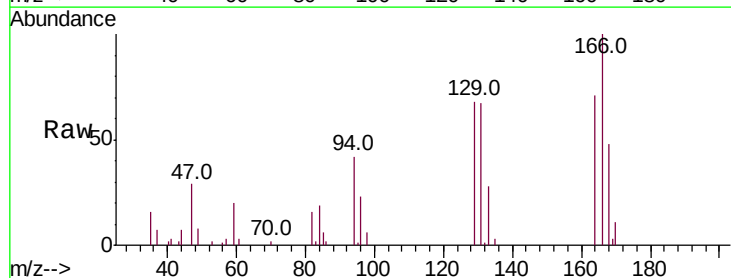


Abundance Ion 116.90 (116.60 to 117.60): C
Ion 82.00 (81.70 to 82.70): CC.
Ion 118.90 (118.60 to 119.60): C

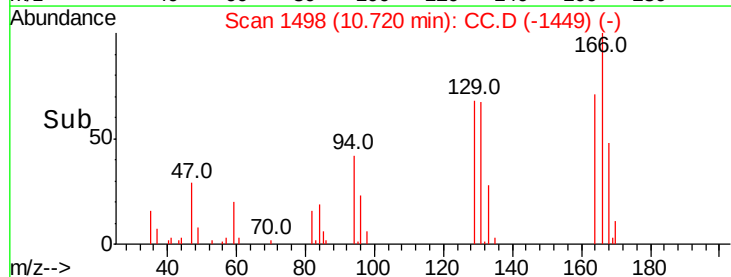
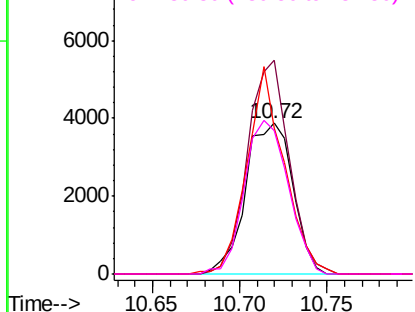


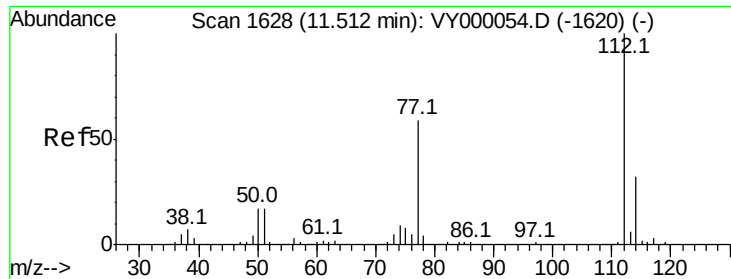
#64
Tetrachloroethene
Concen: 5.608 ug/l
RT: 10.72 min Scan# 1498
Delta R.T. -0.00 min
Lab File: CC.D
Acq: 17 Sep 2019 10:12

Tgt Ion:164 Resp: 7262
Ion Ratio Lower Upper
164 100
166 141.7 100.9 151.3
129 96.5 78.4 117.6
131 95.1 72.2 108.2



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

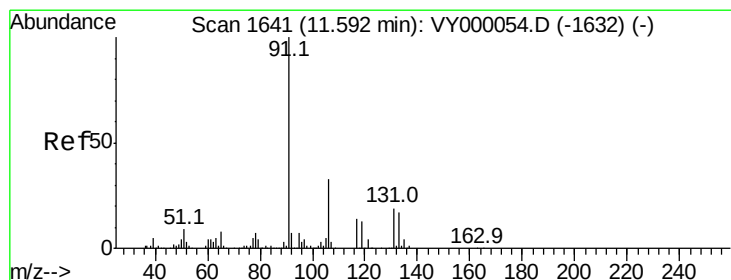
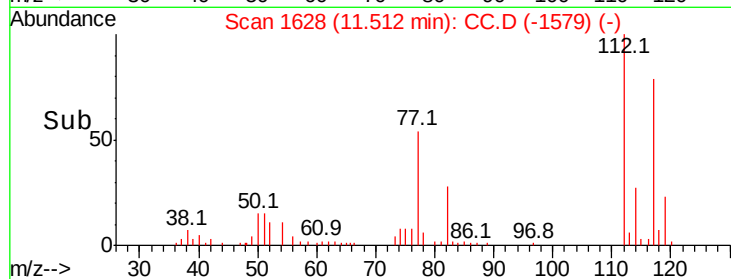
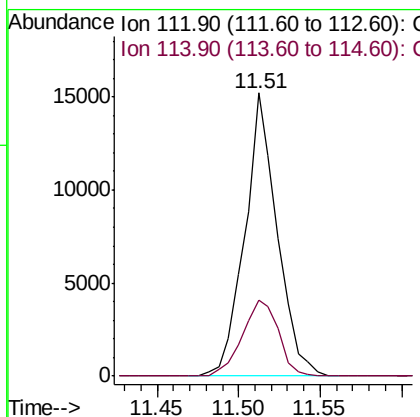
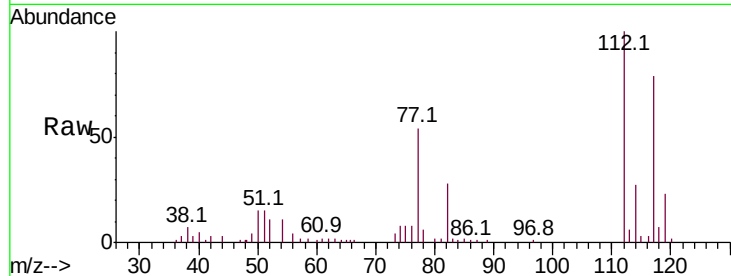




#65
Chlorobenzene
Concen: 5.216 ug/l
RT: 11.51 min Scan# 1628
Delta R.T. -0.00 min
Lab File: CC.D
Acq: 17 Sep 2019 10:12

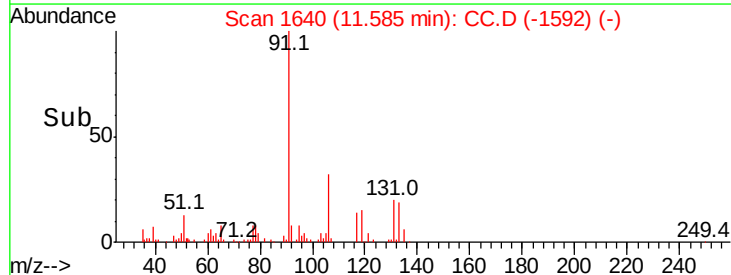
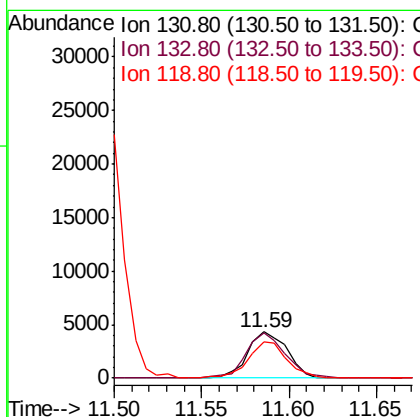
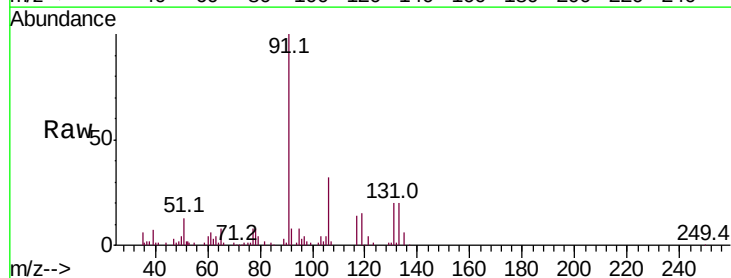
Instrument :
MSVOA_Y
ClientSampleId :

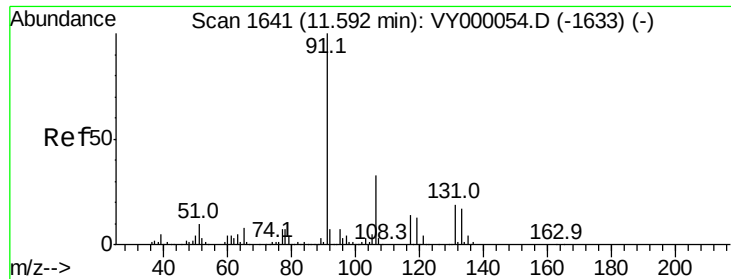
Tot Ion:112 Resp: 21018
Ion Ratio Lower Upper
112 100
114 26.7 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 4.804 ug/l
RT: 11.59 min Scan# 1640
Delta R.T. -0.01 min
Lab File: CC.D
Acq: 17 Sep 2019 10:12

Tgt Ion:131 Resp: 6728
Ion Ratio Lower Upper
131 100
133 97.8 46.6 139.8
119 78.8 36.2 108.6

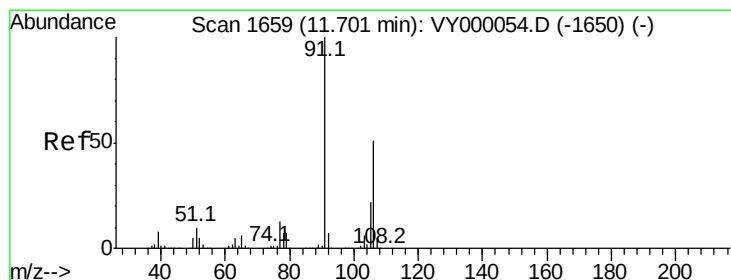
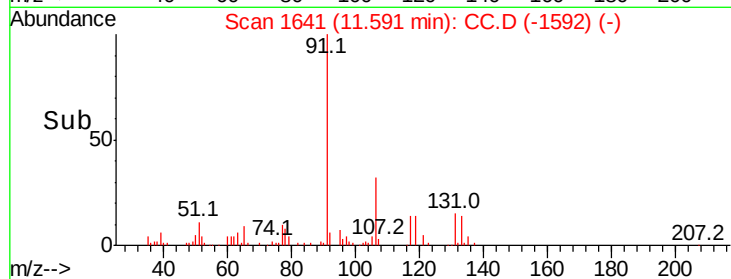
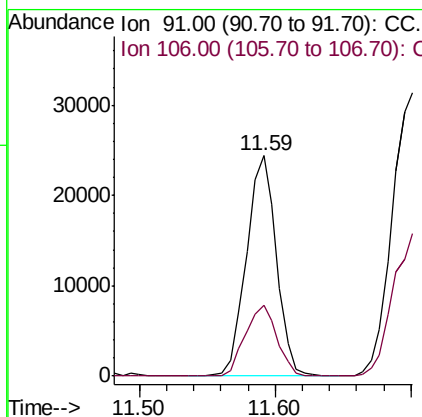
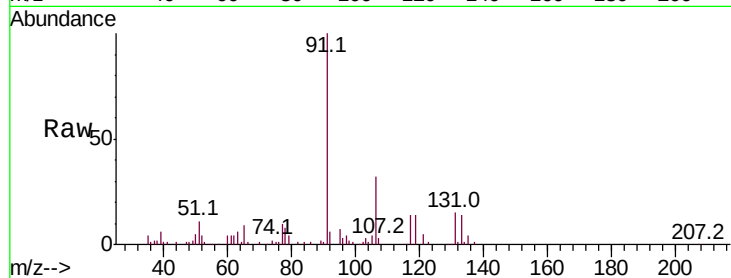




#67
Ethyl Benzene
Concen: 5.148 ug/l
RT: 11.59 min Scan# 1641
Delta R.T. -0.00 min
Lab File: CC.D
Acq: 17 Sep 2019 10:12

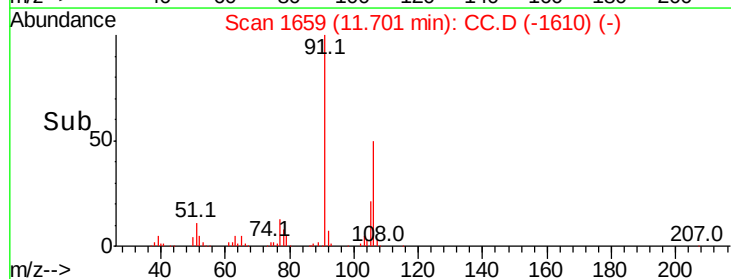
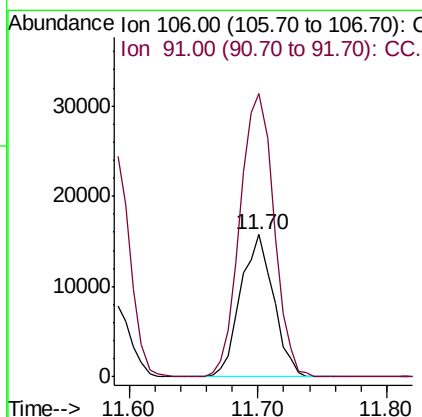
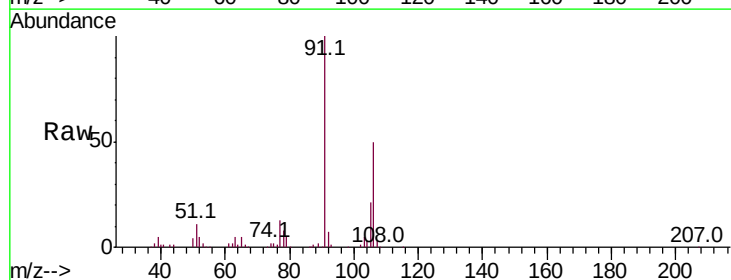
Instrument :
MSVOA_Y
ClientSampleId :

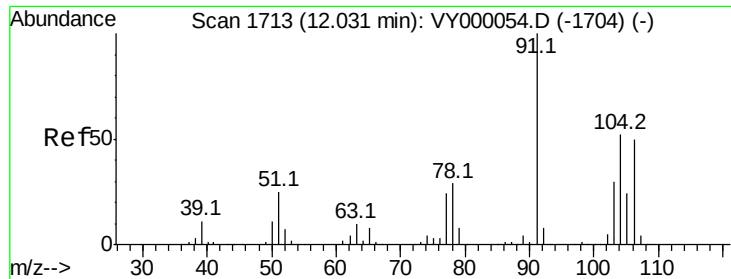
Tot Ion: 91 Resp: 37695
Ion Ratio Lower Upper
91 100
106 32.1 26.6 40.0



#68
m/p-Xylenes
Concen: 10.101 ug/l
RT: 11.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: CC.D
Acq: 17 Sep 2019 10:12

Tgt Ion: 106 Resp: 27952
Ion Ratio Lower Upper
106 100
91 205.1 154.5 231.7

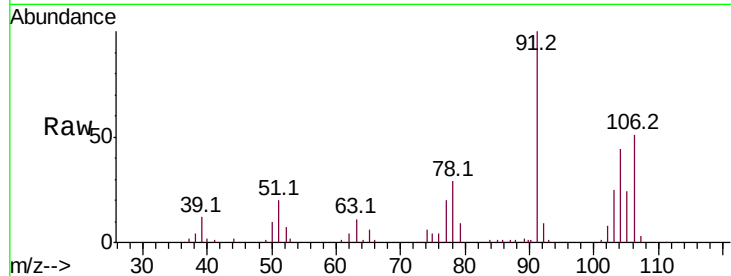




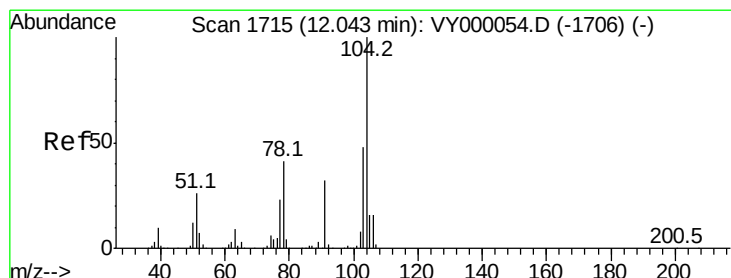
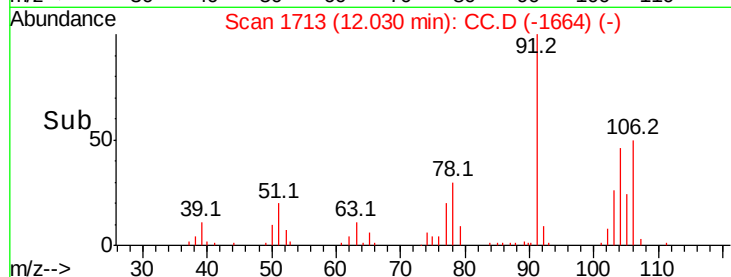
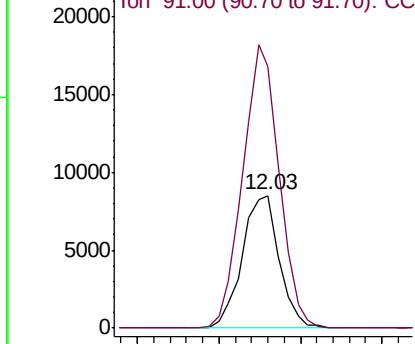
#69
o-Xylene
Concen: 4.988 ug/l
RT: 12.03 min Scan# 1713
Delta R.T. -0.00 min
Lab File: CC.D
Acq: 17 Sep 2019 10:12

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:106 Resp: 13532
Ion Ratio Lower Upper
106 100
91 209.1 103.5 310.3

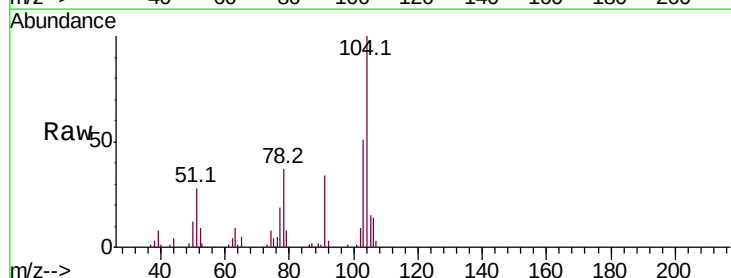


Abundance Ion 106.00 (105.70 to 106.70): C
Ion 91.00 (90.70 to 91.70): CC.

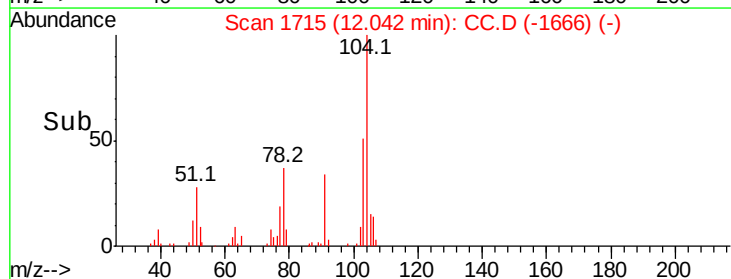
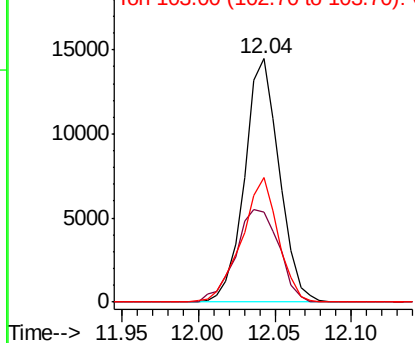


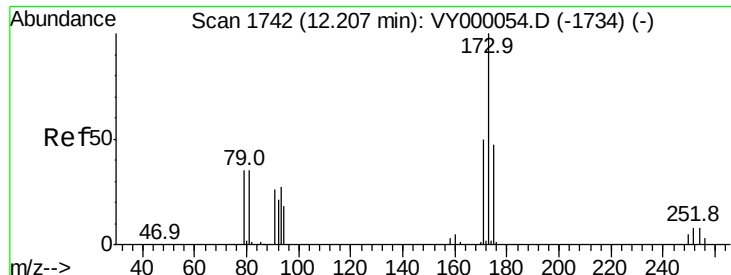
#70
Styrene
Concen: 4.829 ug/l
RT: 12.04 min Scan# 1715
Delta R.T. -0.00 min
Lab File: CC.D
Acq: 17 Sep 2019 10:12

Tgt Ion:104 Resp: 22784
Ion Ratio Lower Upper
104 100
78 47.4 37.7 56.5
103 53.6 42.2 63.4



Abundance Ion 104.00 (103.70 to 104.70): C
Ion 78.00 (77.70 to 78.70): CC.
Ion 103.00 (102.70 to 103.70): C





#71

Bromoform

Concen: 4.543 ug/l

RT: 12.20 min Scan# 1741

Delta R.T. -0.01 min

Lab File: CC.D

Acq: 17 Sep 2019 10:12

Instrument :

MSVOA_Y

ClientSampleId :

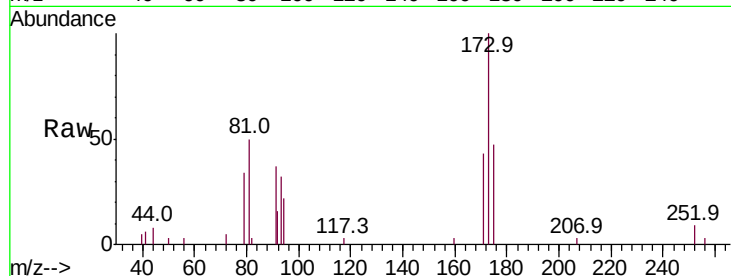
Tot Ion:173 Resp: 3816

Ion Ratio Lower Upper

173 100

175 46.9 23.6 71.0

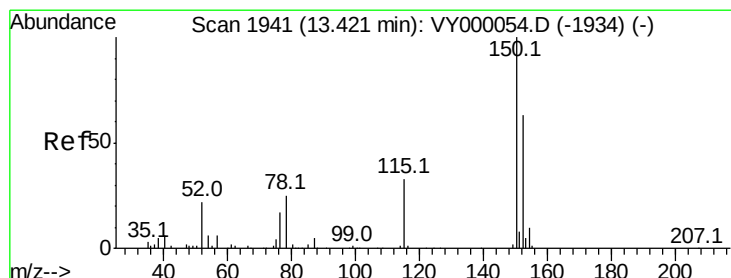
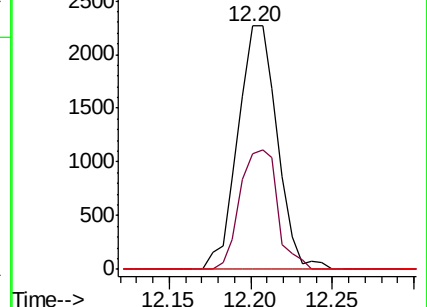
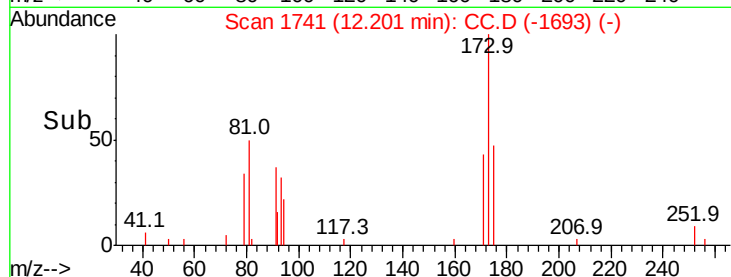
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): C

Ion 174.70 (174.40 to 175.40): C

Ion 254.40 (254.10 to 255.10): C



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1941

Delta R.T. -0.00 min

Lab File: CC.D

Acq: 17 Sep 2019 10:12

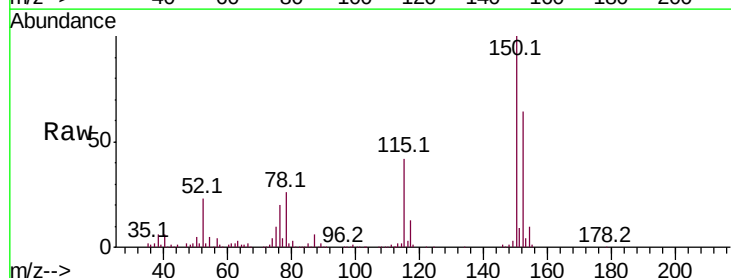
Tgt Ion:152 Resp: 89223

Ion Ratio Lower Upper

152 100

115 62.6 30.7 92.1

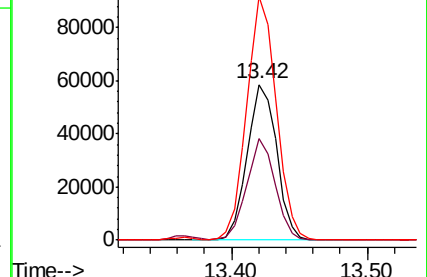
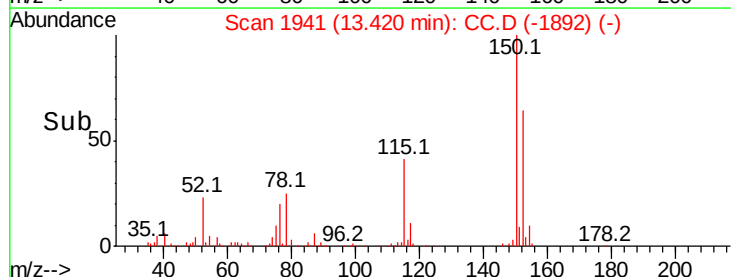
150 156.7 0.0 351.6

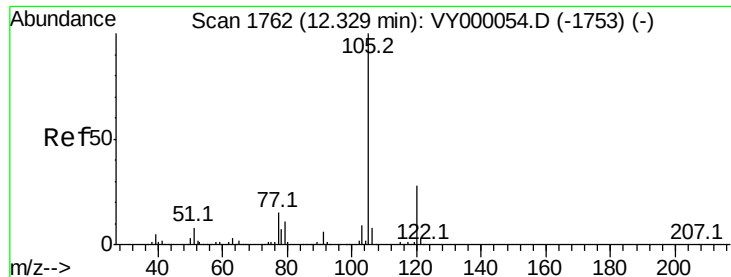


Abundance Ion 151.90 (151.60 to 152.60): C

Ion 114.90 (114.60 to 115.60): C

Ion 149.90 (149.60 to 150.60): C

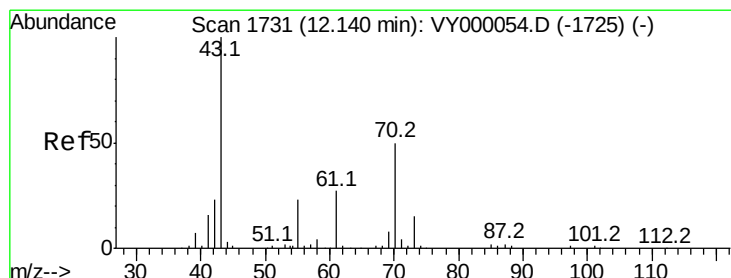
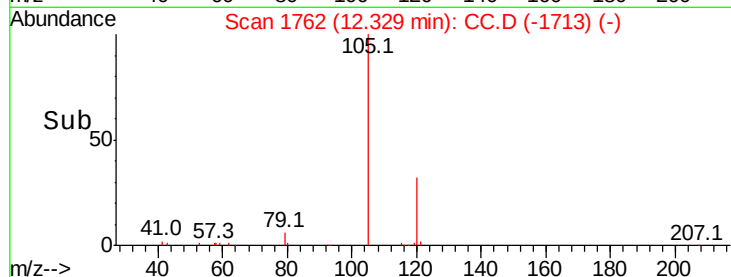
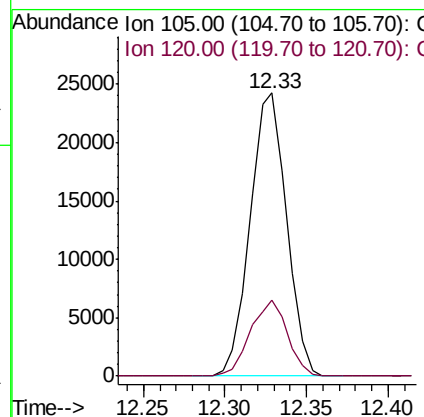
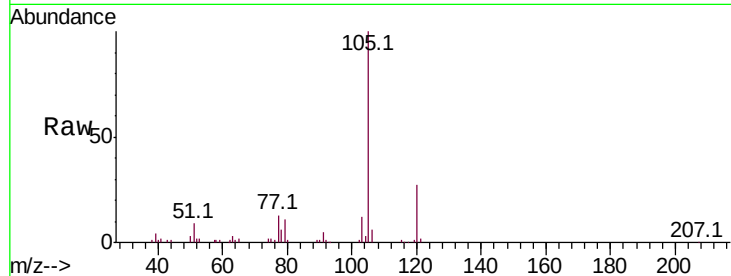




#73
Isopropylbenzene
Concen: 5.407 ug/l
RT: 12.33 min Scan# 1762
Delta R.T. -0.00 min
Lab File: CC.D
Acq: 17 Sep 2019 10:12

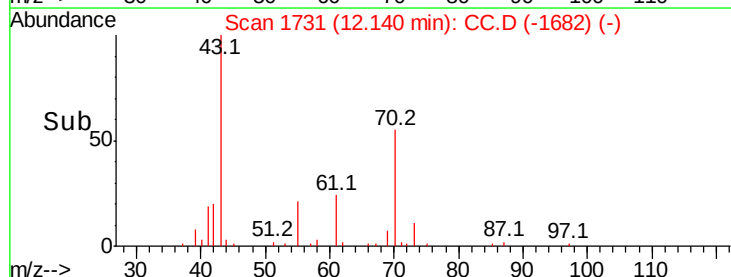
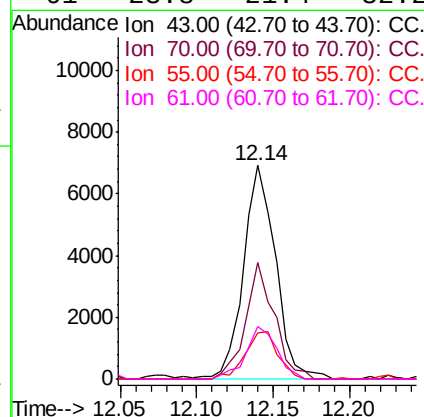
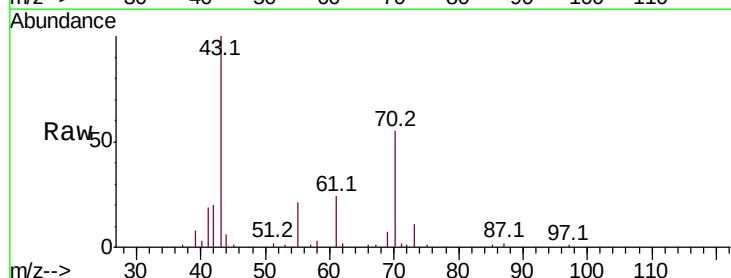
Instrument :
MSVOA_Y
ClientSampled :

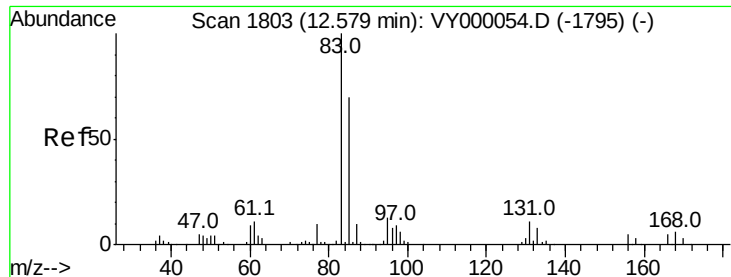
Tot Ion:105 Resp: 37600
Ion Ratio Lower Upper
105 100
120 27.1 13.9 41.7



#74
N-ethyl acetate
Concen: 4.933 ug/l
RT: 12.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: CC.D
Acq: 17 Sep 2019 10:12

Tgt Ion: 43 Resp: 10064
Ion Ratio Lower Upper
43 100
70 48.9 38.8 58.2
55 22.6 18.8 28.2
61 23.8 21.4 32.2





#75

1,1,2,2-Tetrachloroethane

Concen: 5.166 ug/l

RT: 12.59 min Scan# 1804

Delta R.T. 0.01 min

Lab File: CC.D

Acq: 17 Sep 2019 10:12

Instrument :

MSVOA_Y

ClientSampleId :

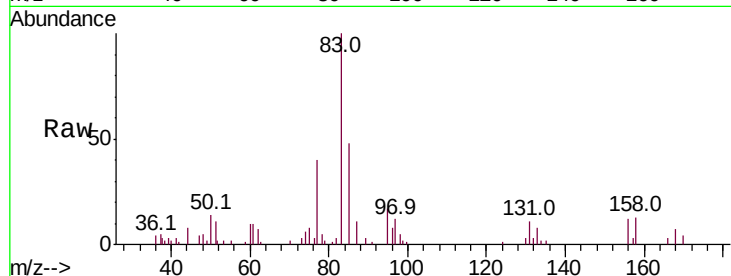
Tot Ion: 83 Resp: 8559

Ion Ratio Lower Upper

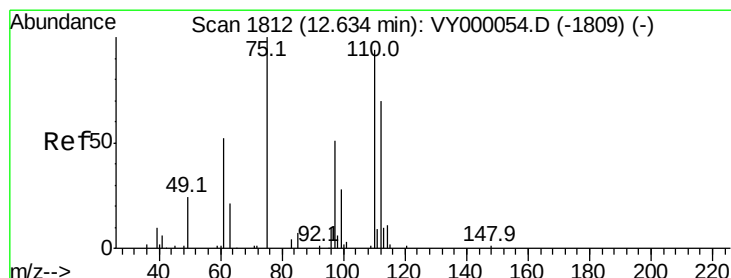
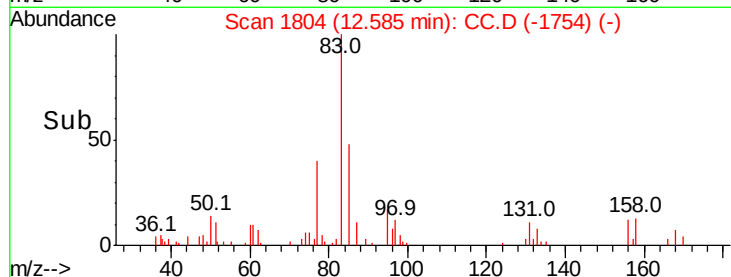
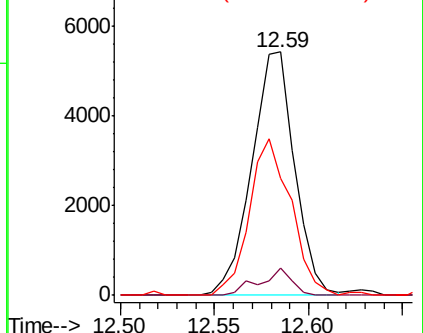
83 100

131 8.2 4.9 14.7

85 62.8 32.5 97.4



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: 9.121 ug/l

RT: 12.63 min Scan# 1812

Delta R.T. -0.00 min

Lab File: CC.D

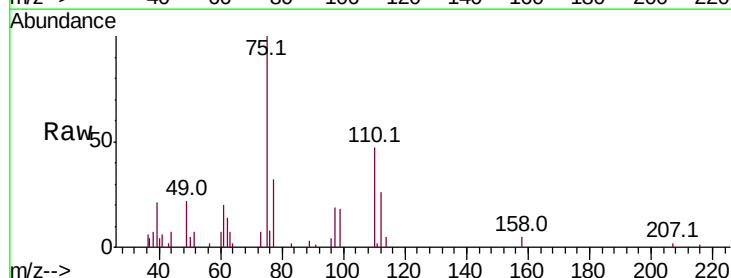
Acq: 17 Sep 2019 10:12

Tgt Ion: 75 Resp: 11303

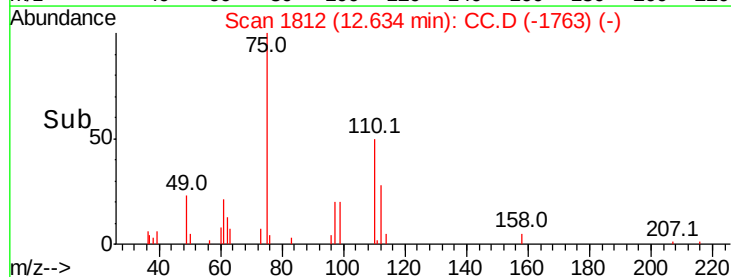
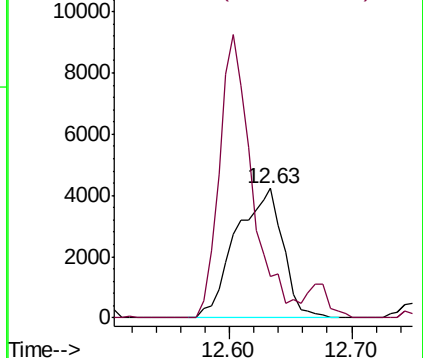
Ion Ratio Lower Upper

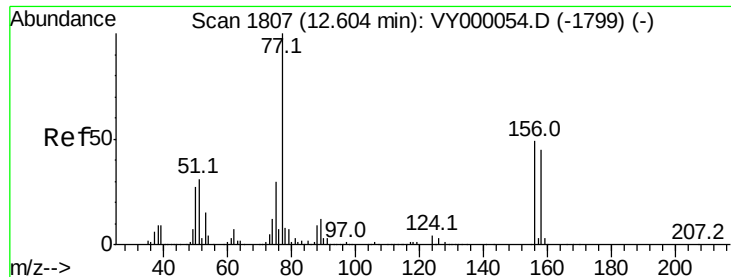
75 100

77 0.0 0.0 0.0



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





#77

Bromobenzene

Concen: 5.279 ug/l

RT: 12.60 min Scan# 1807

Delta R.T. -0.00 min

Lab File: CC.D

Acq: 17 Sep 2019 10:12

Instrument :

MSVOA_Y

ClientSampleId :

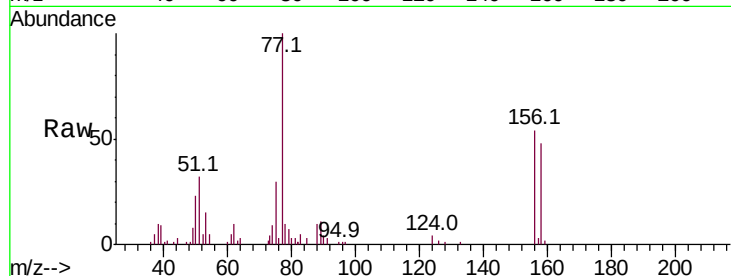
Tot Ion:156 Resp: 7712

Ion Ratio Lower Upper

156 100

77 223.4 109.7 329.0

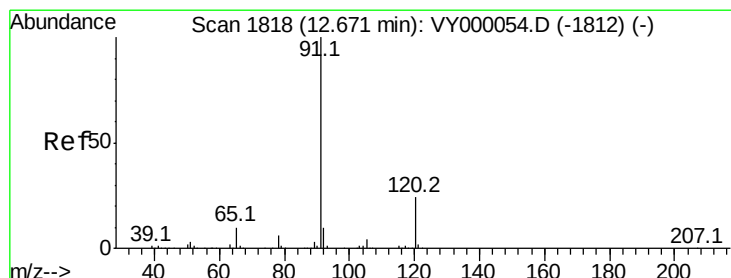
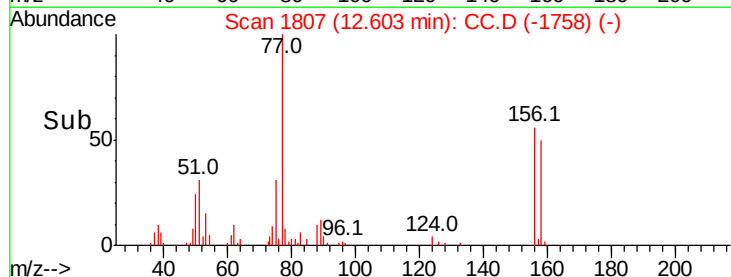
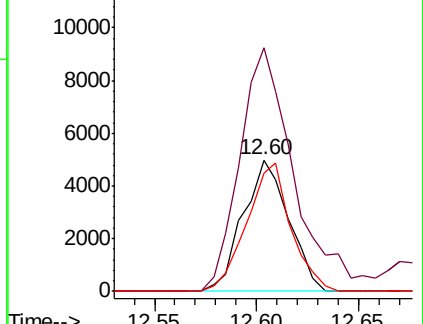
158 95.0 48.0 144.2



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: 5.166 ug/l

RT: 12.67 min Scan# 1818

Delta R.T. -0.00 min

Lab File: CC.D

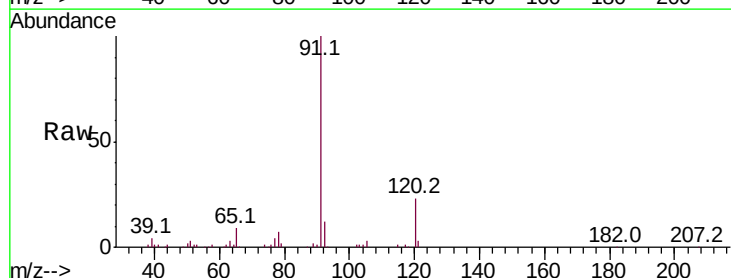
Acq: 17 Sep 2019 10:12

Tgt Ion: 91 Resp: 43912

Ion Ratio Lower Upper

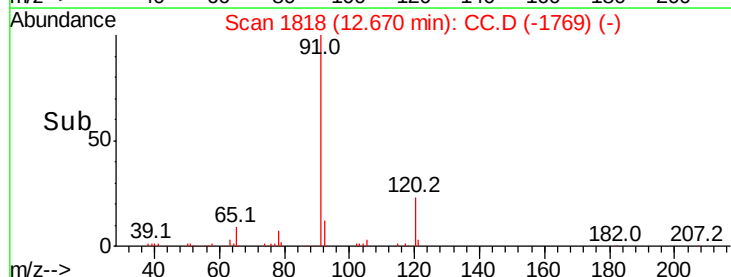
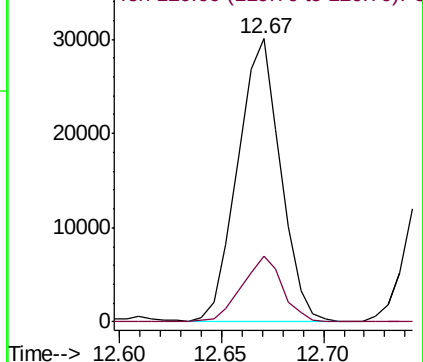
91 100

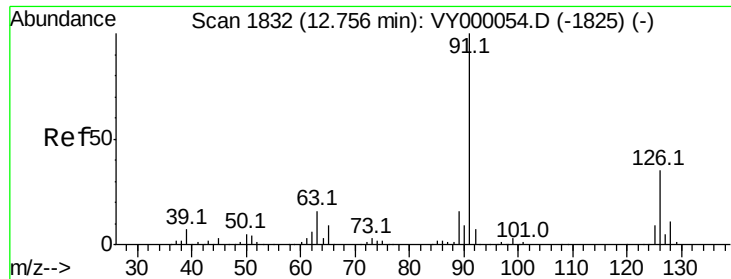
120 21.9 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): CC.

Ion 120.00 (119.70 to 120.70): C

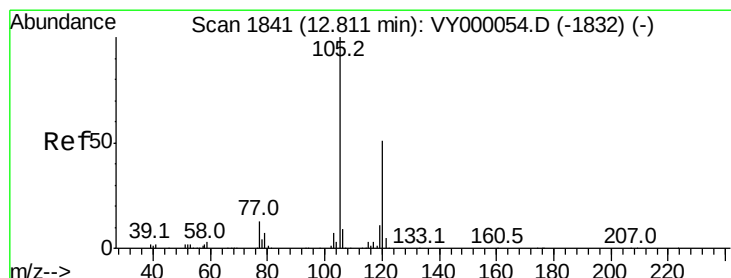
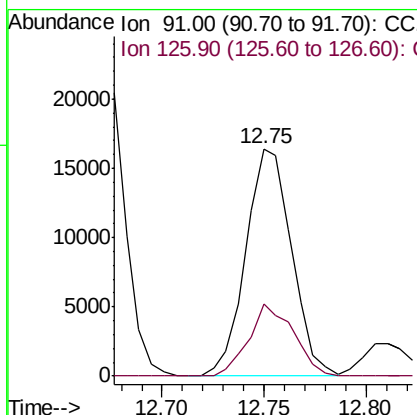
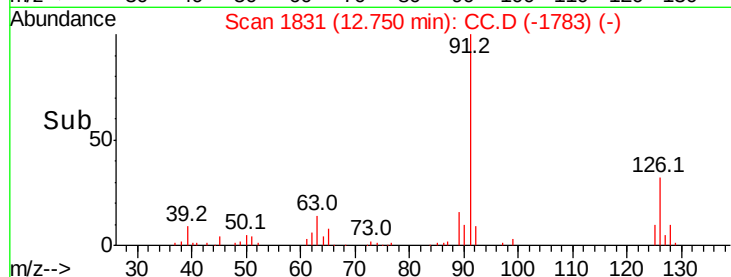
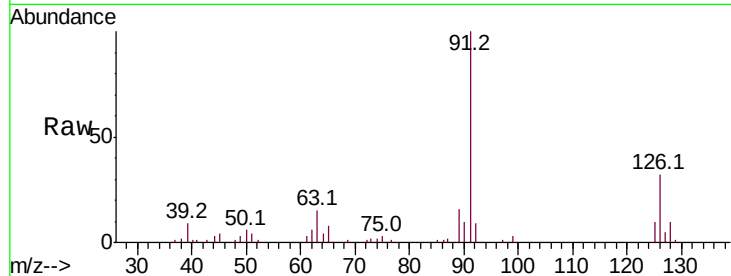




#79
 2-Chlorotoluene
 Concen: 5.398 ug/l
 RT: 12.75 min Scan# 1831
 Delta R.T. -0.01 min
 Lab File: CC.D
 Acq: 17 Sep 2019 10:12

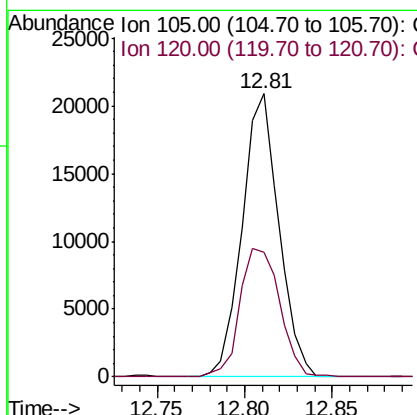
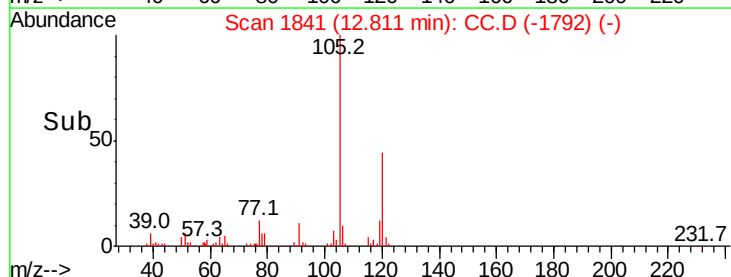
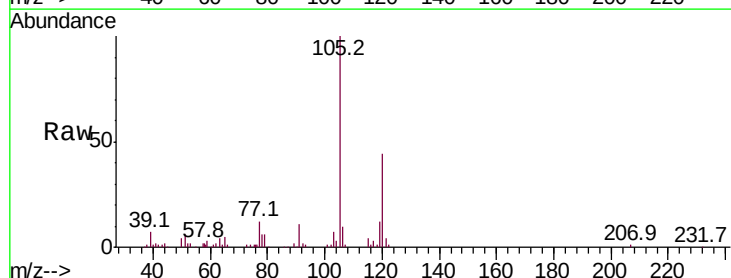
Instrument :
 MSVOA_Y
 ClientSampleId :

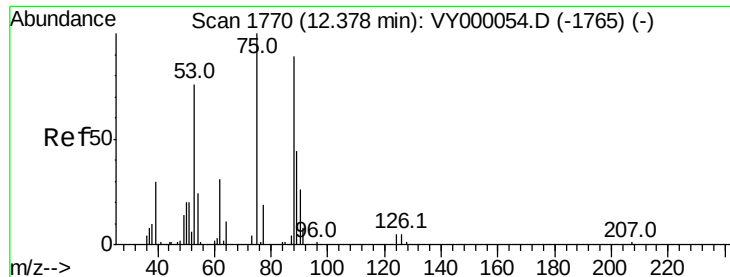
Tot Ion: 91 Resp: 25645
 Ion Ratio Lower Upper
 91 100
 126 31.4 17.2 51.5



#80
 1,3,5-Trimethylbenzene
 Concen: 5.282 ug/l
 RT: 12.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: CC.D
 Acq: 17 Sep 2019 10:12

Tgt Ion:105 Resp: 30566
 Ion Ratio Lower Upper
 105 100
 120 49.6 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 5.580 ug/l

RT: 12.37 min Scan# 1769

Delta R.T. -0.01 min

Lab File: CC.D

Acq: 17 Sep 2019 10:12

Instrument :

MSVOA_Y

ClientSampleId :

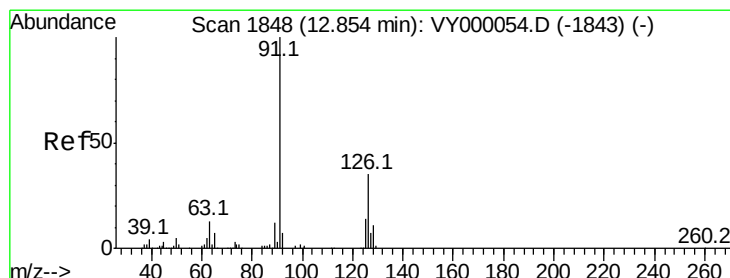
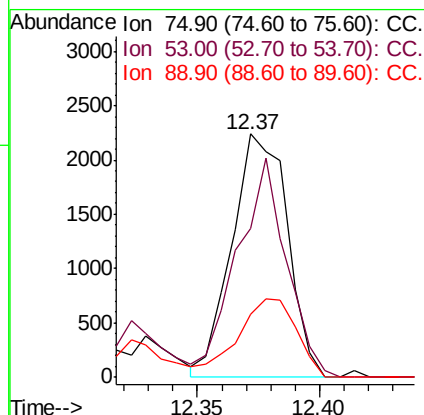
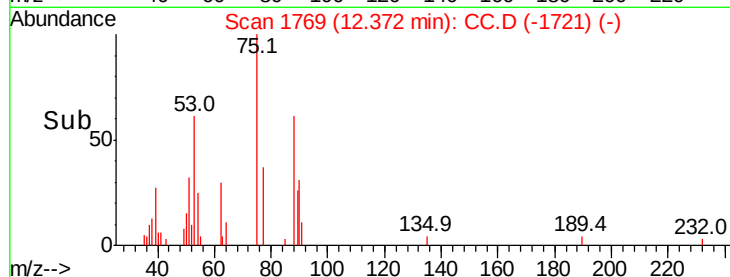
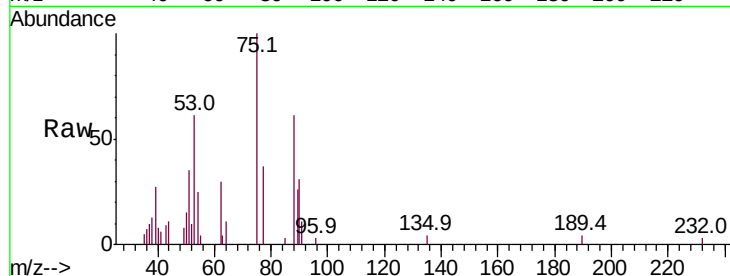
Tot Ion: 75 Resp: 3539

Ion Ratio Lower Upper

75 100

53 80.4 60.9 91.3

89 34.2 35.3 52.9#



#82

4-Chlorotoluene

Concen: 5.241 ug/l

RT: 12.85 min Scan# 1848

Delta R.T. -0.00 min

Lab File: CC.D

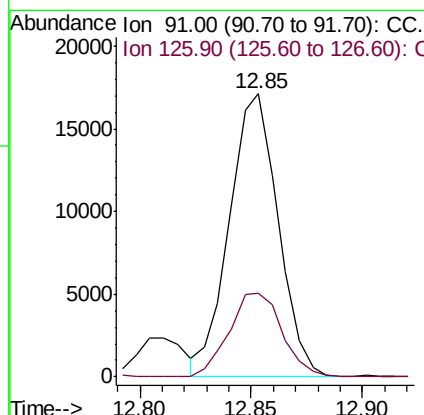
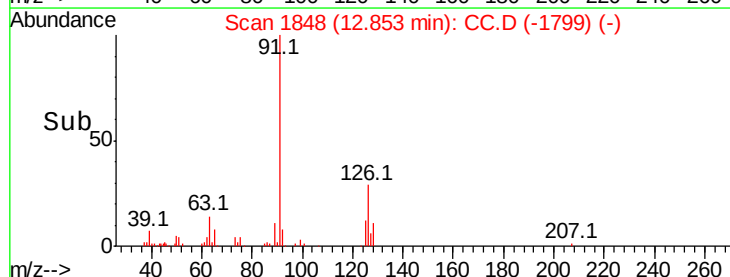
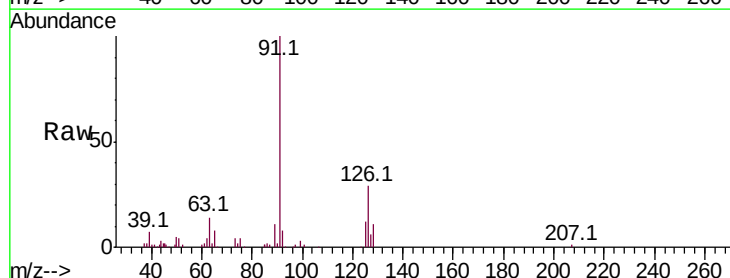
Acq: 17 Sep 2019 10:12

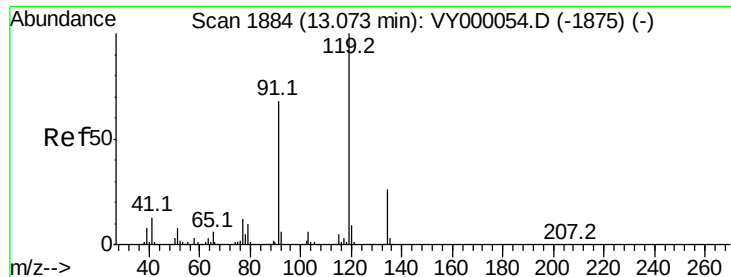
Tgt Ion: 91 Resp: 26073

Ion Ratio Lower Upper

91 100

126 32.1 16.7 50.1





#83

tert-Butylbenzene

Concen: 5.098 ug/l

RT: 13.07 min Scan# 1884

Delta R.T. -0.00 min

Lab File: CC.D

Acq: 17 Sep 2019 10:12

Instrument :

MSVOA_Y

ClientSampled :

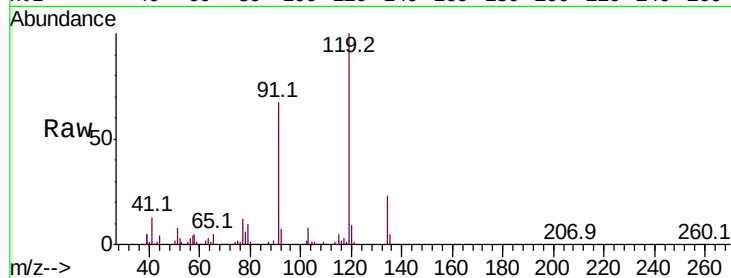
Tot Ion:119 Resp: 25379

Ion Ratio Lower Upper

119 100

91 68.4 33.4 100.1

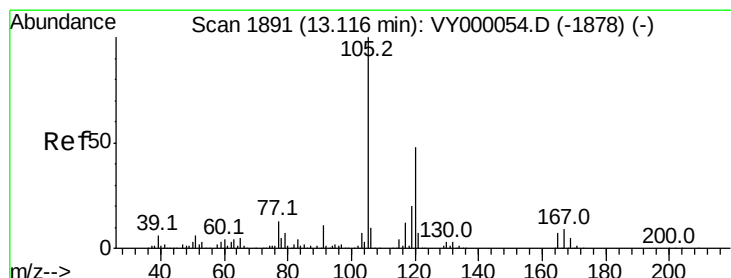
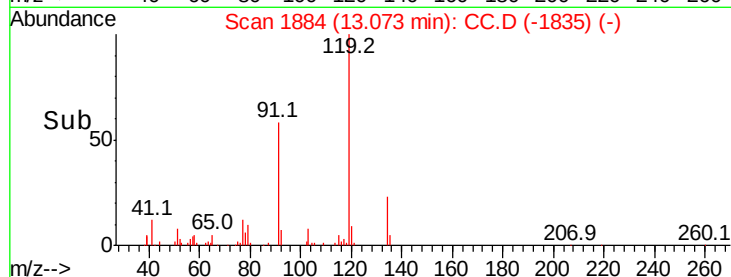
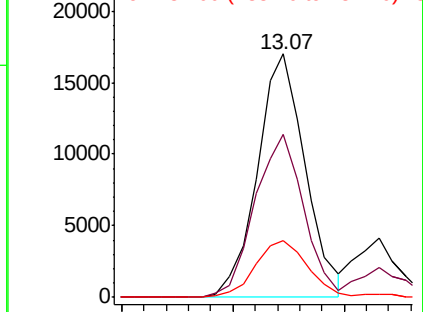
134 26.3 12.7 38.0



Abundance Ion 119.00 (118.70 to 119.70): C

Ion 91.00 (90.70 to 91.70): CC.

Ion 134.00 (133.70 to 134.70): C



#84

1,2,4-Trimethylbenzene

Concen: 5.174 ug/l

RT: 13.12 min Scan# 1891

Delta R.T. -0.00 min

Lab File: CC.D

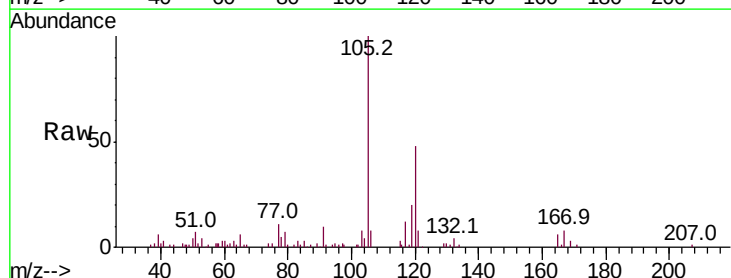
Acq: 17 Sep 2019 10:12

Tgt Ion:105 Resp: 29634

Ion Ratio Lower Upper

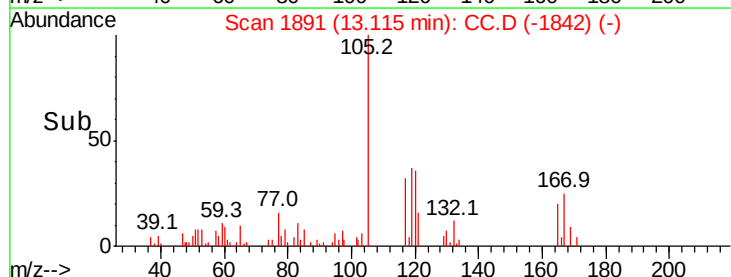
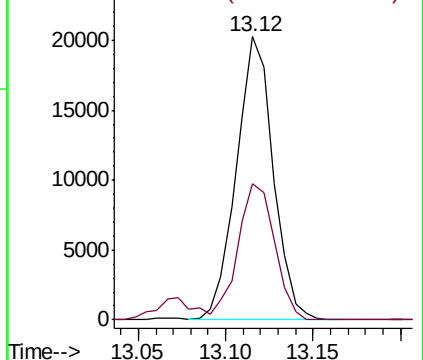
105 100

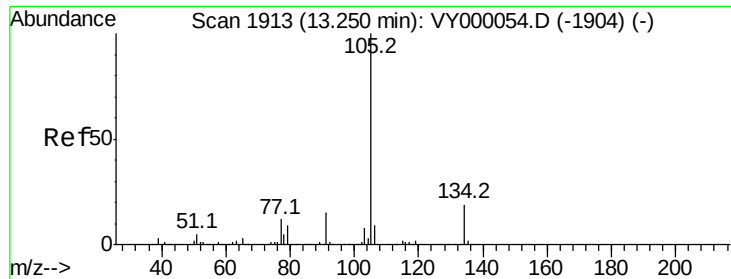
120 47.9 22.9 68.7



Abundance Ion 105.00 (104.70 to 105.70): C

Ion 120.00 (119.70 to 120.70): C





#85

sec-Butylbenzene

Concen: 5.059 ug/l

RT: 13.25 min Scan# 1913

Delta R.T. -0.00 min

Lab File: CC.D

Acq: 17 Sep 2019 10:12

Instrument :

MSVOA_Y

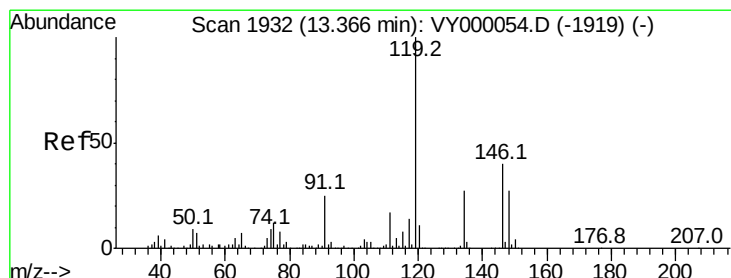
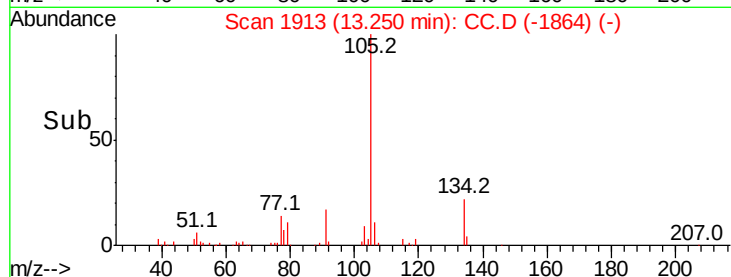
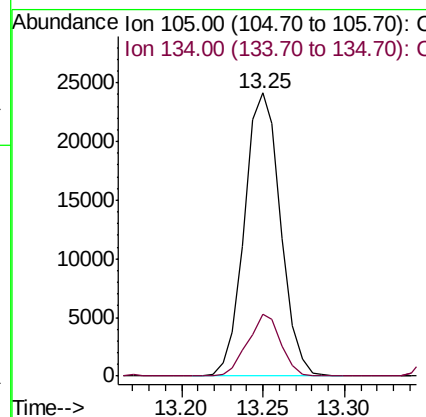
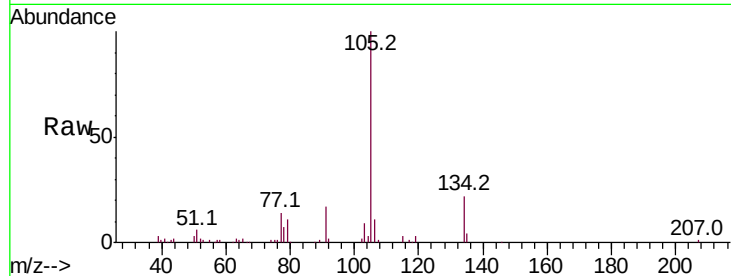
ClientSampled :

Tot Ion:105 Resp: 37158

Ion Ratio Lower Upper

105 100

134 20.1 9.8 29.4



#86

p-Isopropyltoluene

Concen: 5.170 ug/l

RT: 13.37 min Scan# 1932

Delta R.T. -0.00 min

Lab File: CC.D

Acq: 17 Sep 2019 10:12

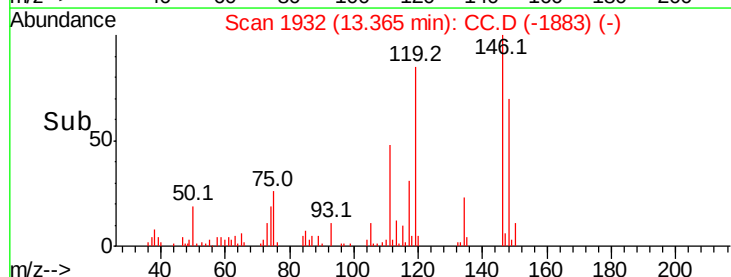
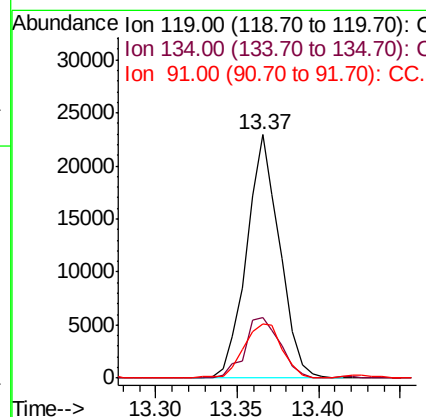
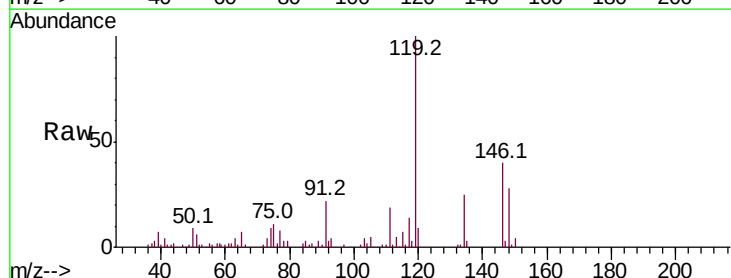
Tgt Ion:119 Resp: 32303

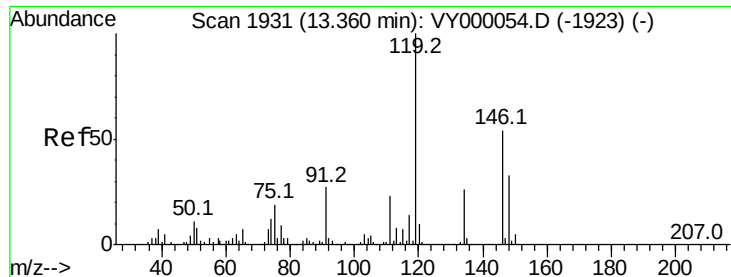
Ion Ratio Lower Upper

119 100

134 26.6 13.4 40.2

91 25.9 12.4 37.4

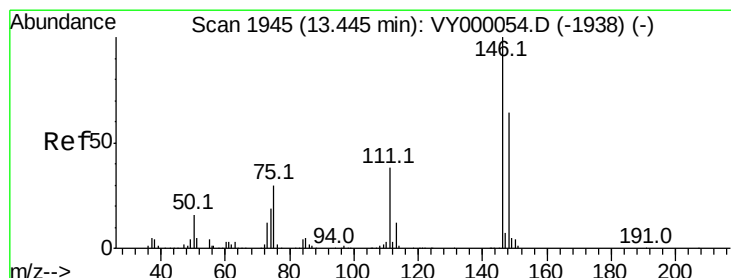
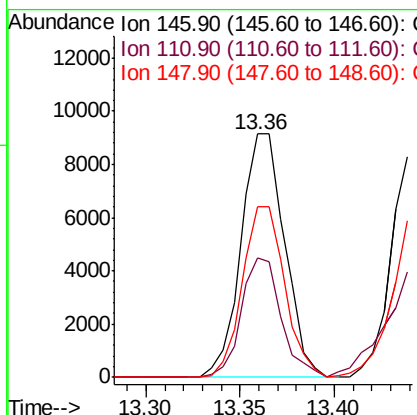
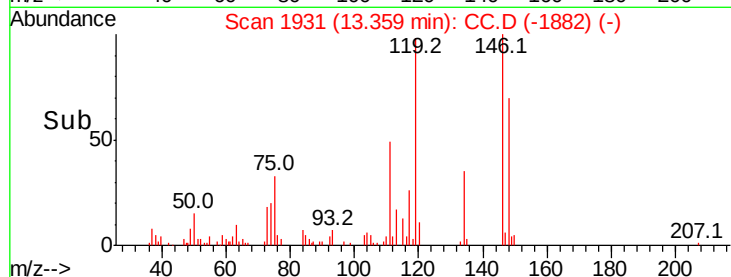
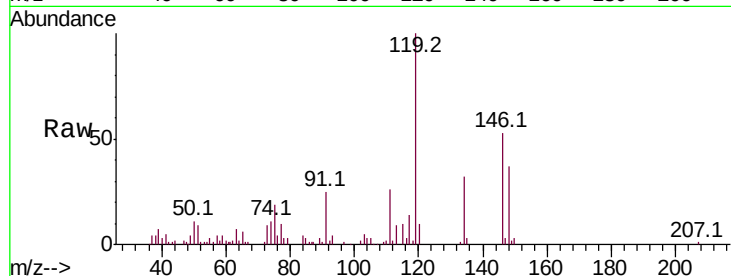




#87
 1,3-Dichlorobenzene
 Concen: 4.974 ug/l
 RT: 13.36 min Scan# 1931
 Delta R.T. -0.00 min
 Lab File: CC.D
 Acq: 17 Sep 2019 10:12

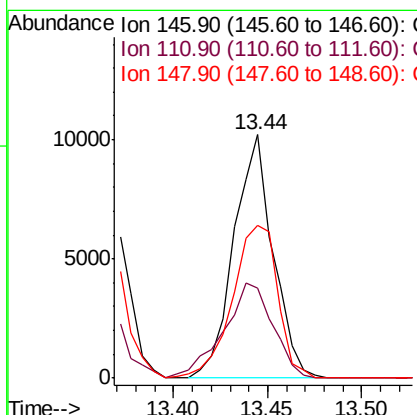
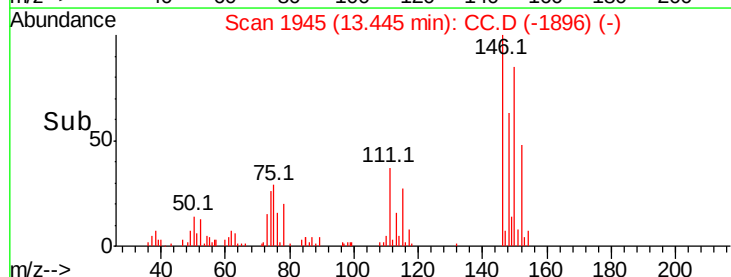
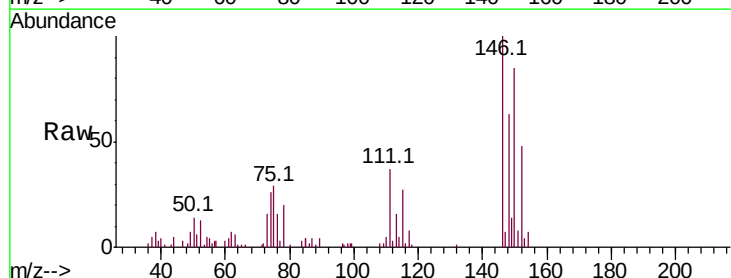
Instrument :
 MSVOA_Y
 ClientSampleId :

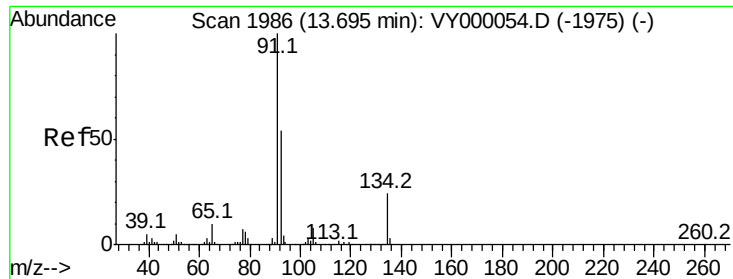
Tot Ion:146 Resp: 14678
 Ion Ratio Lower Upper
 146 100
 111 44.8 21.1 63.1
 148 68.1 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 4.964 ug/l
 RT: 13.44 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: CC.D
 Acq: 17 Sep 2019 10:12

Tgt Ion:146 Resp: 14706
 Ion Ratio Lower Upper
 146 100
 111 49.3 20.8 62.4
 148 72.6 31.5 94.5

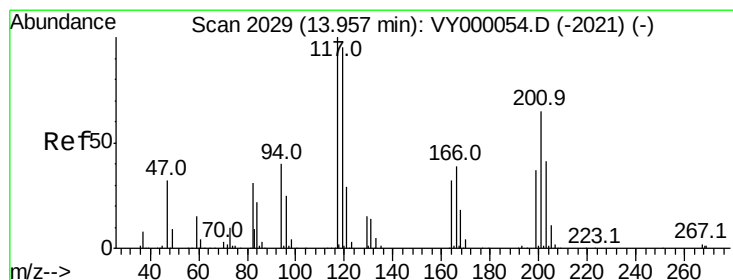
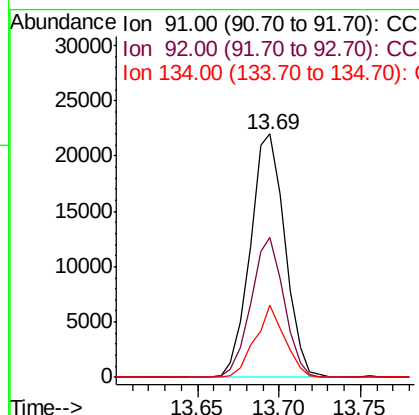
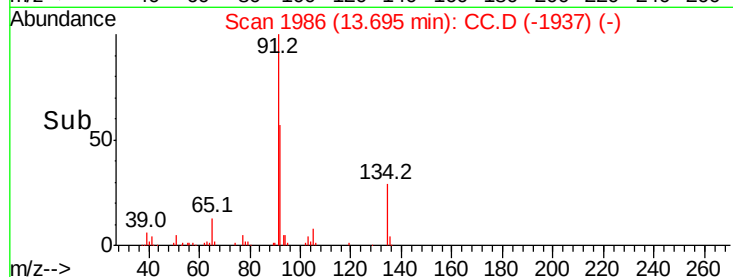
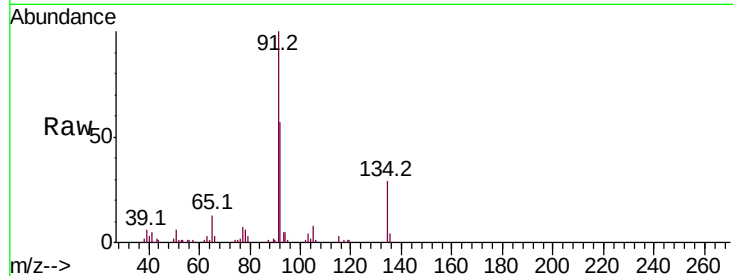




#89
n-Butylbenzene
Concen: 5.142 ug/l
RT: 13.69 min Scan# 1986
Delta R.T. -0.00 min
Lab File: CC.D
Acq: 17 Sep 2019 10:12

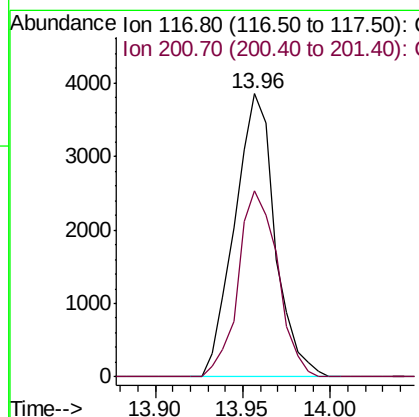
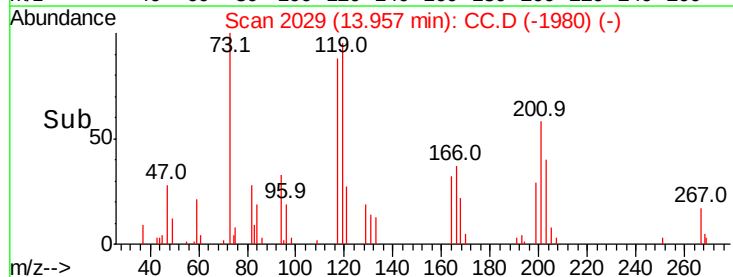
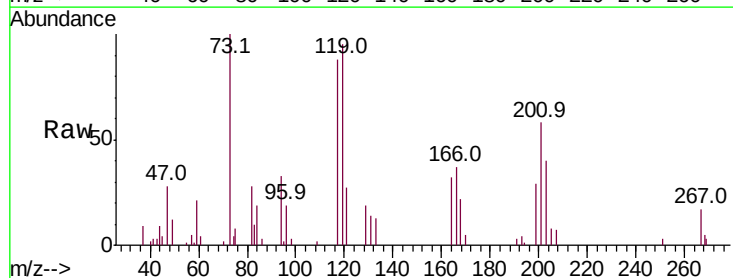
Instrument :
MSVOA_Y
ClientSampled :

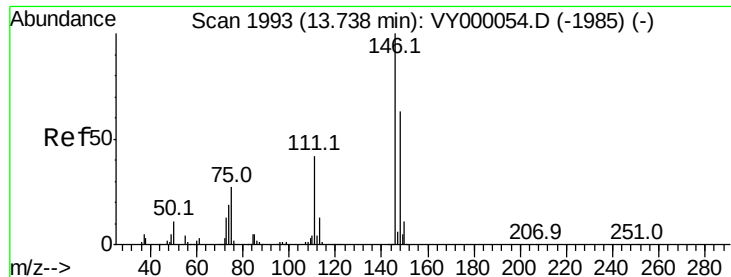
Tot Ion: 91 Resp: 32580
Ion Ratio Lower Upper
91 100
92 54.8 27.2 81.5
134 25.3 12.2 36.6



#90
Hexachloroethane
Concen: 4.968 ug/l
RT: 13.96 min Scan# 2029
Delta R.T. -0.00 min
Lab File: CC.D
Acq: 17 Sep 2019 10:12

Tgt Ion: 117 Resp: 6187
Ion Ratio Lower Upper
117 100
201 64.1 30.6 92.0

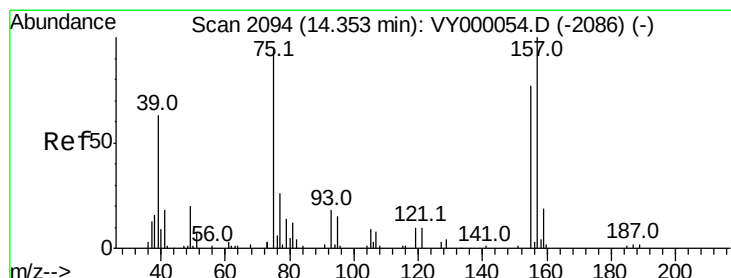
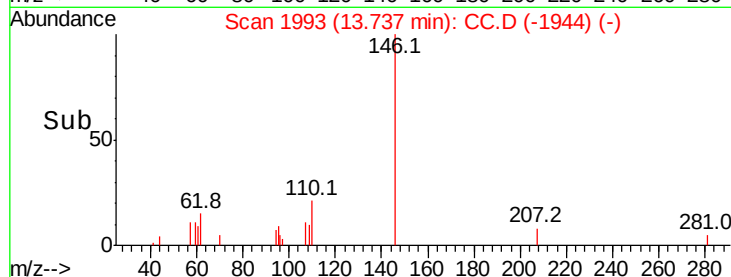
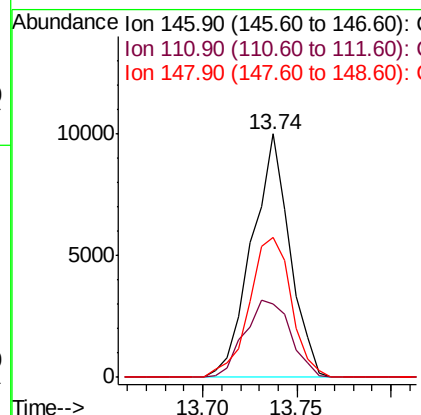
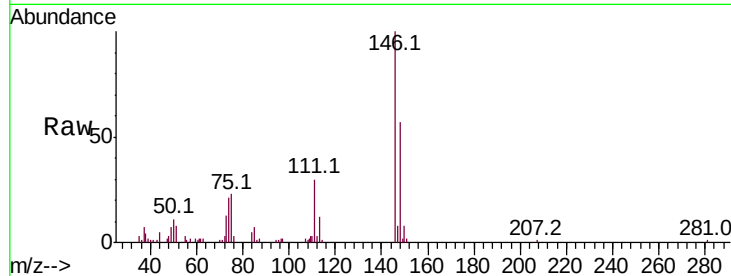




#91
 1,2-Dichlorobenzene
 Concen: 5.087 ug/l
 RT: 13.74 min Scan# 1993
 Delta R.T. -0.00 min
 Lab File: CC.D
 Acq: 17 Sep 2019 10:12

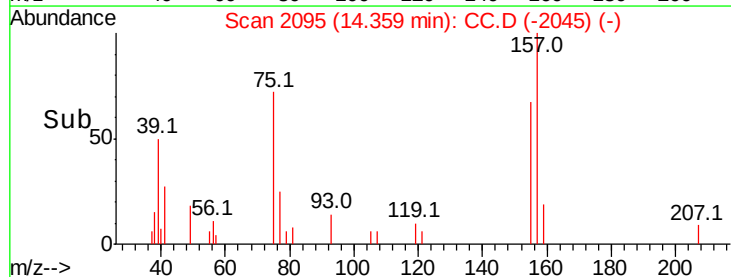
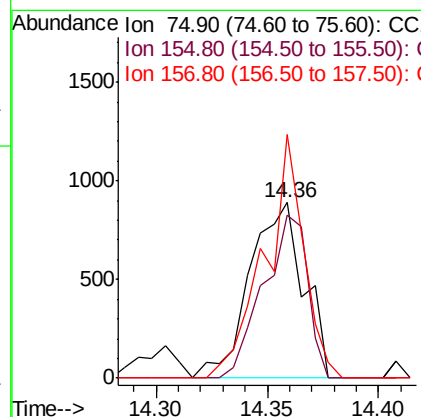
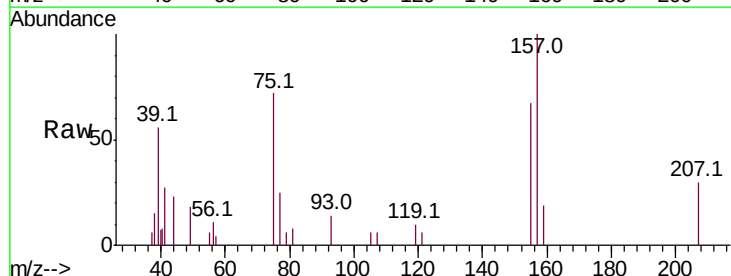
Instrument :
 MSVOA_Y
 ClientSampleId :

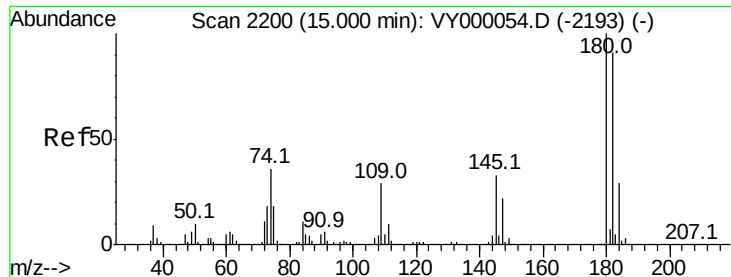
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.4	21.9	65.7
148	63.5	32.4	97.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 4.675 ug/l
 RT: 14.36 min Scan# 2095
 Delta R.T. 0.01 min
 Lab File: CC.D
 Acq: 17 Sep 2019 10:12

Tgt Ion	Ratio	Lower	Upper
75	100		
155	75.7	40.6	121.7
157	100.3	52.9	158.8

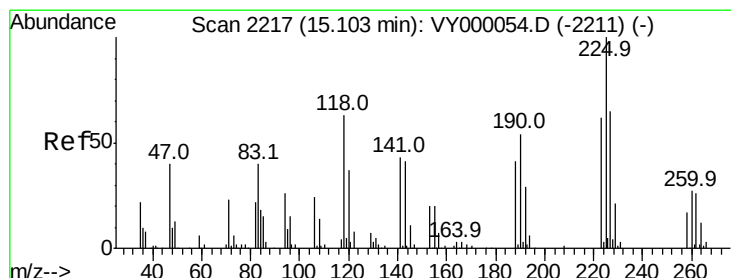
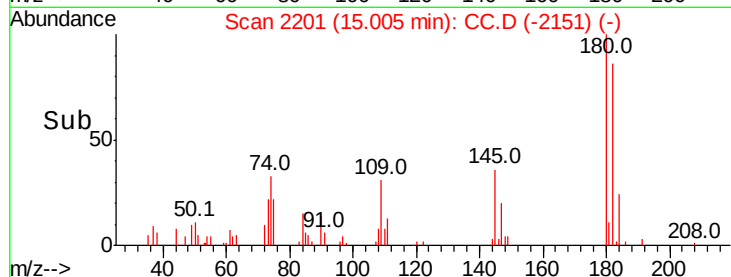
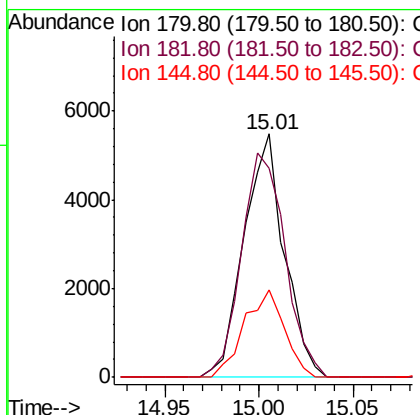
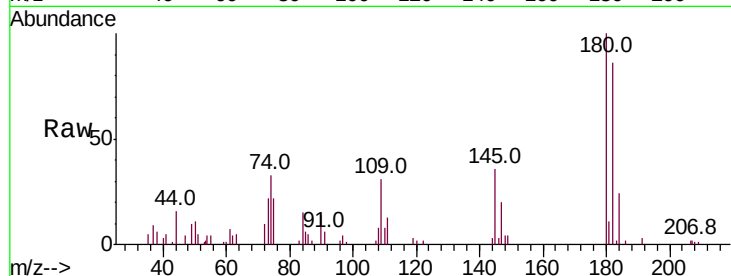




#93
1,2,4-Trichlorobenzene
Concen: 4.657 ug/l
RT: 15.01 min Scan# 2201
Delta R.T. 0.01 min
Lab File: CC.D
Acq: 17 Sep 2019 10:12

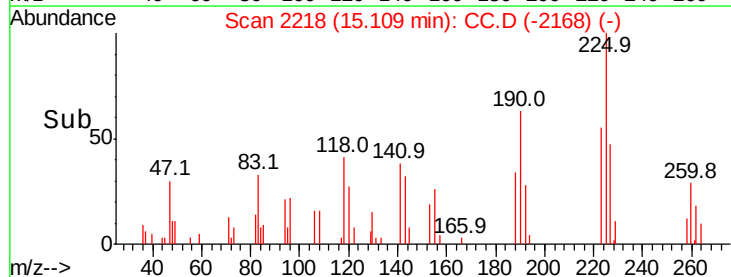
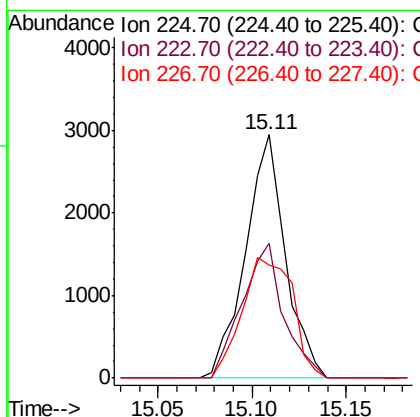
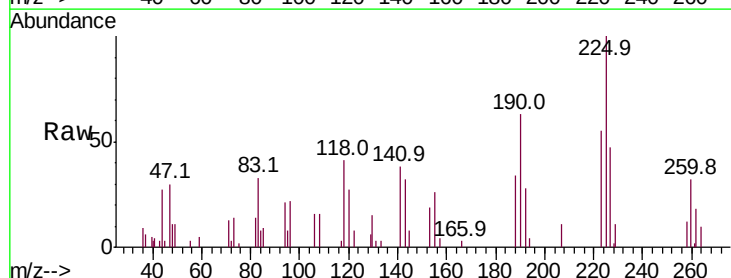
Instrument :
MSVOA_Y
ClientSampleId :

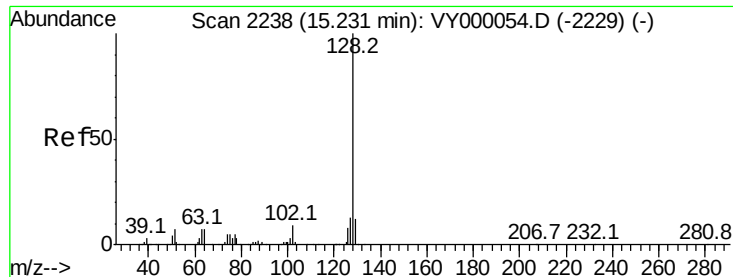
Tot Ion:180 Resp: 8143
Ion Ratio Lower Upper
180 100
182 99.9 48.5 145.6
145 35.5 17.2 51.6



#94
Hexachlorobutadiene
Concen: 5.398 ug/l
RT: 15.11 min Scan# 2218
Delta R.T. 0.01 min
Lab File: CC.D
Acq: 17 Sep 2019 10:12

Tgt Ion:225 Resp: 4333
Ion Ratio Lower Upper
225 100
223 57.9 31.9 95.5
227 62.6 30.6 91.6





#95

Naphthalene

Concen: 4.783 ug/l

RT: 15.23 min Scan# 2238

Delta R.T. -0.00 min

Lab File: CC.D

Acq: 17 Sep 2019 10:12

Instrument :

MSVOA_Y

ClientSampleId :

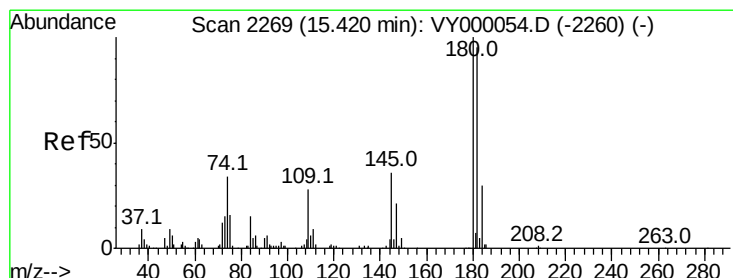
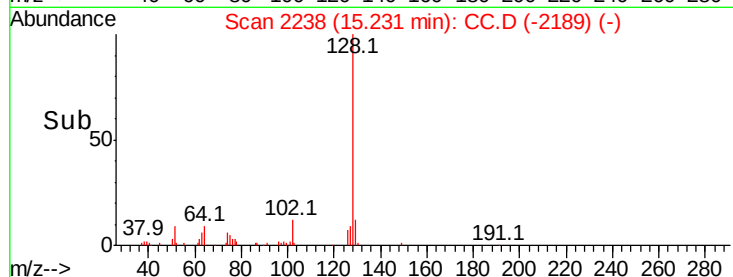
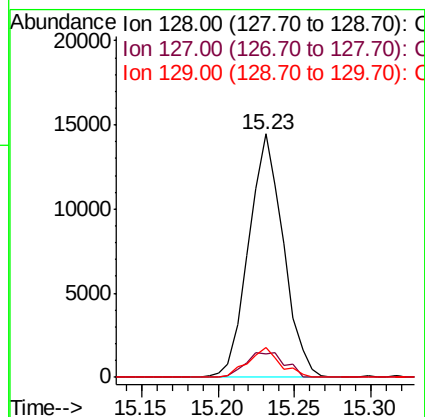
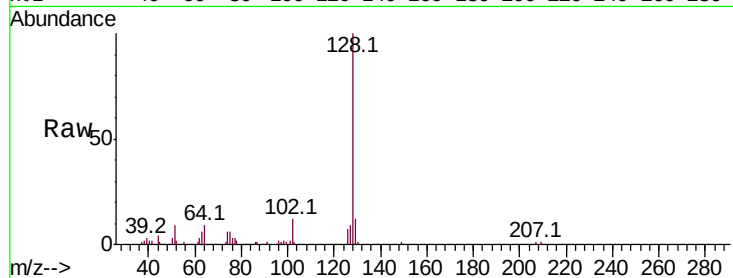
Tot Ion:128 Resp: 22811

Ion Ratio Lower Upper

128 100

127 11.7 10.3 15.5

129 11.5 9.2 13.8



#96

1,2,3-Trichlorobenzene

Concen: 5.061 ug/l

RT: 15.42 min Scan# 2269

Delta R.T. -0.00 min

Lab File: CC.D

Acq: 17 Sep 2019 10:12

Tgt Ion:180 Resp: 7941

Ion Ratio Lower Upper

180 100

182 92.3 47.5 142.5

145 34.1 17.4 52.2

