

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY110220\
 Data File : CC.D
 Acq On : 02 Nov 2020 09:49
 Operator : SY/MD
 Sample : VSTDIC005
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

Quant Time: Nov 02 11:33:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y110220S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 02 11:26:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	226359	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	321641	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	287706	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	145289	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	11886	5.24	ug/l	0.00
Spiked Amount			Recovery	=	10.48%	
35) Dibromofluoromethane	7.73	113	9666	5.03	ug/l	0.00
Spiked Amount			Recovery	=	10.06%	
50) Toluene-d8	10.18	98	39591	4.92	ug/l	0.00
Spiked Amount			Recovery	=	9.84%	
62) 4-Bromofluorobenzene	12.48	95	13565	4.92	ug/l	0.00
Spiked Amount			Recovery	=	9.84%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	9520	5.415	ug/l	99
3) Chloromethane	2.12	50	12645	5.196	ug/l	99
4) Vinyl Chloride	2.26	62	14032	5.282	ug/l	98
5) Bromomethane	2.66	94	12796	5.085	ug/l	93
6) Chloroethane	2.80	64	8121	5.021	ug/l	98
7) Trichlorofluoromethane	3.14	101	18296	5.554	ug/l	99
8) Diethyl Ether	3.54	74	5108	4.723	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.91	101	9607	5.235	ug/l	100
10) Methyl Iodide	4.10	142	5298	4.905	ug/l	99
11) Tert butyl alcohol	4.97	59	7925	35.936	ug/l #	84
12) 1,1-Dichloroethene	3.89	96	9408	5.201	ug/l	91
13) Acrolein	3.75	56	5312	25.817	ug/l	97
14) Allyl chloride	4.49	41	17031	5.267	ug/l	99
15) Acrylonitrile	5.19	53	13394	25.574	ug/l	99
16) Acetone	3.97	43	18093	30.325	ug/l	96
17) Carbon Disulfide	4.21	76	31010	5.260	ug/l	98
18) Methyl Acetate	4.49	43	7645	5.667	ug/l	99
19) Methyl tert-butyl Ether	5.24	73	23342	4.950	ug/l	99
20) Methylene Chloride	4.74	84	12770	5.275	ug/l	93
21) trans-1,2-Dichloroethene	5.24	96	11161	5.274	ug/l	92
22) Diisopropyl ether	6.13	45	29972	5.004	ug/l	95
23) Vinyl Acetate	6.08	43	103865	23.565	ug/l	99
24) 1,1-Dichloroethane	6.03	63	19332	5.180	ug/l	97
25) 2-Butanone	7.00	43	22137	26.710	ug/l	99
26) 2,2-Dichloropropane	7.00	77	18269	5.426	ug/l	99
27) cis-1,2-Dichloroethene	7.00	96	11763	5.012	ug/l	95
28) Bromochloromethane	7.35	49	9224	5.042	ug/l	98
29) Tetrahydrofuran	7.36	42	11935	25.283	ug/l	96
30) Chloroform	7.52	83	18943	5.033	ug/l	97
31) Cyclohexane	7.79	56	20524	6.137	ug/l #	84
32) 1,1,1-Trichloroethane	7.71	97	17184	4.965	ug/l	98
36) 1,1-Dichloropropene	7.93	75	15763	5.209	ug/l	97
37) Ethyl Acetate	7.08	43	9316	5.209	ug/l	99
38) Carbon Tetrachloride	7.91	117	15794	4.992	ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY110220\
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 Sample : VSTDIC005
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

Quant Time: Nov 02 11:33:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y110220S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 02 11:26:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	16976	5.090	ug/l	96
40) Benzene	8.17	78	42574	4.981	ug/l	100
41) Methacrylonitrile	7.36	41	12363	13.591	ug/l #	100
42) 1,2-Dichloroethane	8.25	62	13771	5.077	ug/l	98
43) Isopropyl Acetate	8.28	43	16472	4.943	ug/l	100
44) Trichloroethene	8.94	130	12078	4.829	ug/l	98
45) 1,2-Dichloropropane	9.22	63	10930	5.031	ug/l	98
46) Dibromomethane	9.31	93	5926	4.833	ug/l	99
47) Bromodichloromethane	9.50	83	13950	4.637	ug/l	99
48) Methyl methacrylate	9.30	41	7213	4.573	ug/l	94
49) 1,4-Dioxane	9.31	88	1292	88.460	ug/l #	87
51) 4-Methyl-2-Pentanone	10.08	43	42098	23.735	ug/l	99
52) Toluene	10.25	92	25953	4.733	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	14830	4.636	ug/l	97
54) cis-1,3-Dichloropropene	9.93	75	16735	4.675	ug/l	98
55) 1,1,2-Trichloroethane	10.65	97	8589	4.912	ug/l	93
56) Ethyl methacrylate	10.51	69	10195	4.341	ug/l	96
57) 1,3-Dichloropropane	10.79	76	14213	4.692	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.79	63	25116	20.563	ug/l	98
59) 2-Hexanone	10.84	43	29698	23.487	ug/l	97
60) Dibromochloromethane	10.99	129	10056	4.562	ug/l	99
61) 1,2-Dibromoethane	11.09	107	8082	4.806	ug/l	95
64) Tetrachloroethene	10.72	164	10996	4.358	ug/l	97
65) Chlorobenzene	11.52	112	27842	4.856	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.59	131	10400	4.784	ug/l	98
67) Ethyl Benzene	11.59	91	50043	4.871	ug/l	98
68) m/p-Xylenes	11.70	106	38357	9.789	ug/l	99
69) o-Xylene	12.03	106	17372	4.733	ug/l	99
70) Styrene	12.05	104	28292	4.539	ug/l	99
71) Bromoform	12.21	173	6886	4.747	ug/l #	98
73) Isopropylbenzene	12.33	105	46468	5.067	ug/l	100
74) N-amyl acetate	12.14	43	12730	4.849	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	10300	5.727	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	13220	10.154	ug/l #	100
77) Bromobenzene	12.61	156	12405	5.113	ug/l	100
78) n-propylbenzene	12.67	91	54543	5.003	ug/l	99
79) 2-Chlorotoluene	12.76	91	31319	5.121	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	38172	4.881	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.38	75	3678	5.498	ug/l	99
82) 4-Chlorotoluene	12.86	91	32660	5.038	ug/l	99
83) tert-Butylbenzene	13.08	119	34320	5.031	ug/l	97
84) 1,2,4-Trimethylbenzene	13.13	105	38022	4.815	ug/l	100
85) sec-Butylbenzene	13.25	105	46363	4.932	ug/l	99
86) p-Isopropyltoluene	13.37	119	42869	4.813	ug/l	99
87) 1,3-Dichlorobenzene	13.37	146	22649	4.907	ug/l	98
88) 1,4-Dichlorobenzene	13.45	146	22395	4.869	ug/l	94
89) n-Butylbenzene	13.70	91	39422	4.839	ug/l	99
90) Hexachloroethane	13.96	117	7404	5.253	ug/l	98
91) 1,2-Dichlorobenzene	13.74	146	19888	4.842	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.36	75	1776	5.225	ug/l	98

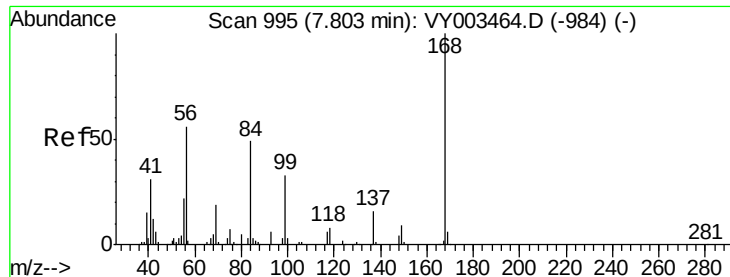
Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY110220\
Data File : CC.D
Acq On : 02 Nov 2020 09:49
Operator : SY/MD
Sample : VSTDICC005
Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Quant Time: Nov 02 11:33:46 2020
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Quant Title : SW846 8260
QLast Update : Mon Nov 02 11:26:45 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	13712	4.504	ug/l	99
94) Hexachlorobutadiene	15.11	225	9651	4.864	ug/l	98
95) Naphthalene	15.24	128	25766	4.728	ug/l	98
96) 1,2,3-Trichlorobenzene	15.42	180	12433	4.689	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.00 min

Lab File: CC.D

Acq: 02 Nov 2020 09:49

Instrument :

MSVOA_Y

ClientSampleId :

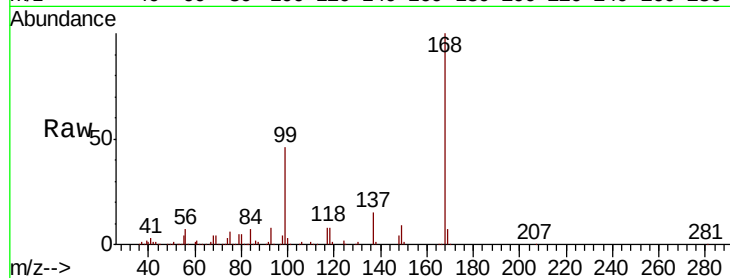
VSTDIC005

Tot Ion:168 Resp: 226359

Ion Ratio Lower Upper

168 100

99 46.2 39.7 59.5



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

Ion 98.90 (98.60 to 99.60): CC.D

7.80

100000

80000

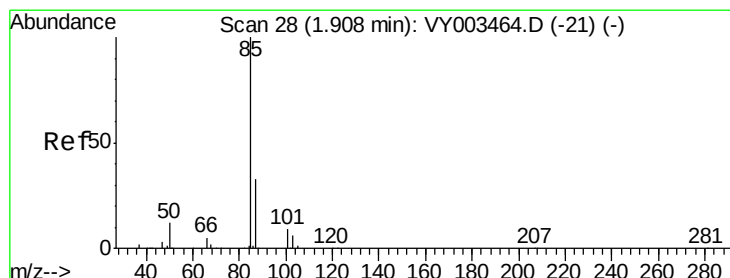
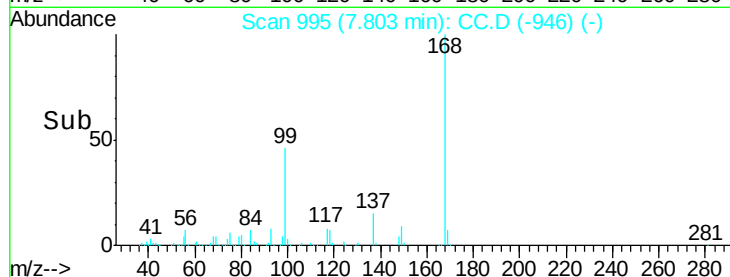
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 5.415 ug/l

RT: 1.91 min Scan# 29

Delta R.T. 0.01 min

Lab File: CC.D

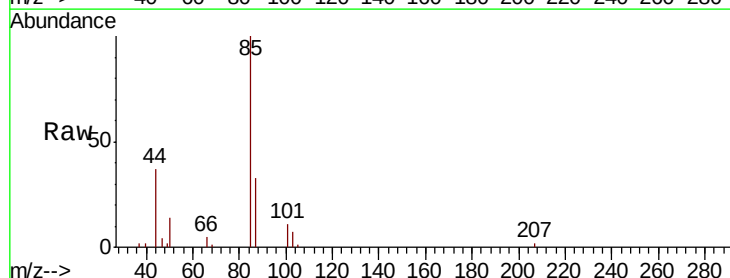
Acq: 02 Nov 2020 09:49

Tgt Ion: 85 Resp: 9520

Ion Ratio Lower Upper

85 100

87 32.5 16.4 49.4



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

Ion 86.90 (86.60 to 87.60): CC.D

1.91

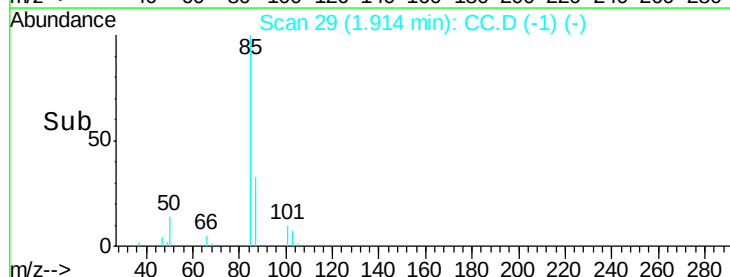
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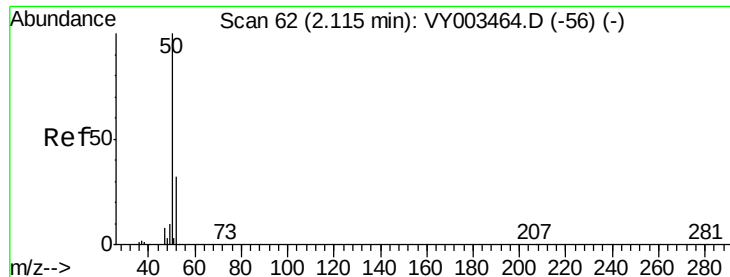
4000

2000

0

Time-->





#3

Chloromethane

Concen: 5.196 ug/l

RT: 2.12 min Scan# 63

Delta R.T. 0.01 min

Lab File: CC.D

Acq: 02 Nov 2020 09:49

Instrument :

MSVOA_Y

ClientSampleId :

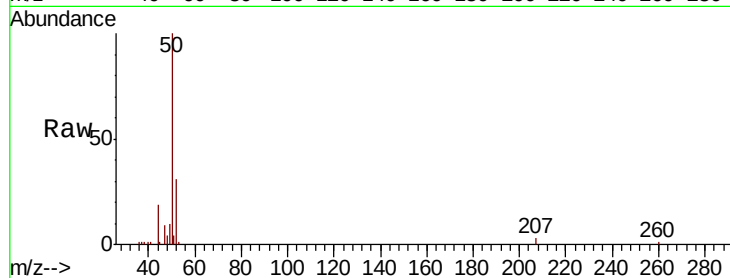
VSTDIC005

Tot Ion: 50 Resp: 12645

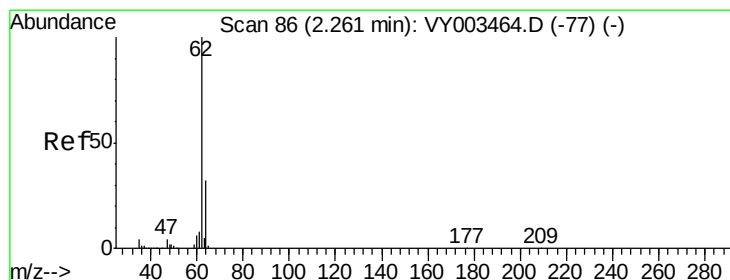
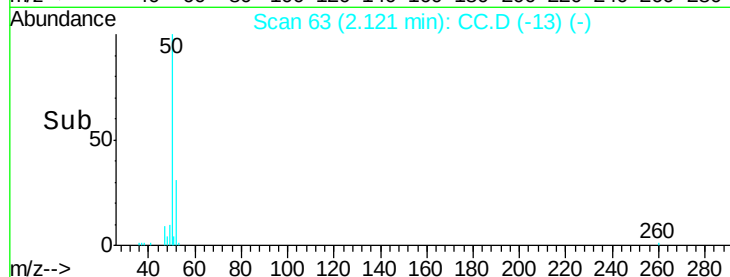
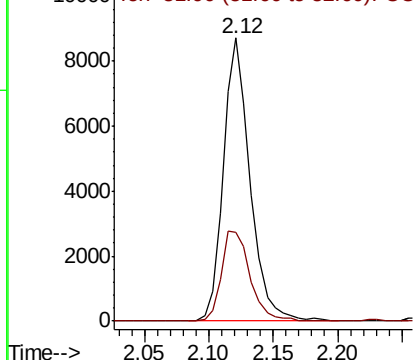
Ion Ratio Lower Upper

50 100

52 31.4 25.6 38.4



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



#4

Vinyl Chloride

Concen: 5.282 ug/l

RT: 2.26 min Scan# 86

Delta R.T. -0.00 min

Lab File: CC.D

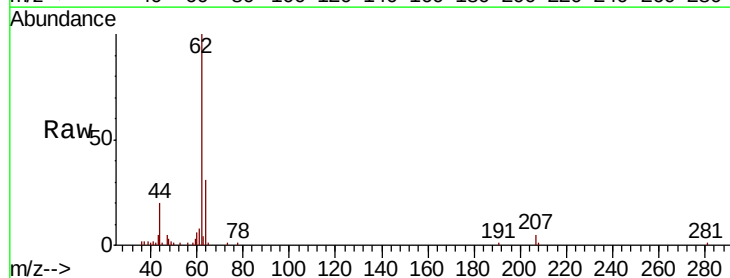
Acq: 02 Nov 2020 09:49

Tgt Ion: 62 Resp: 14032

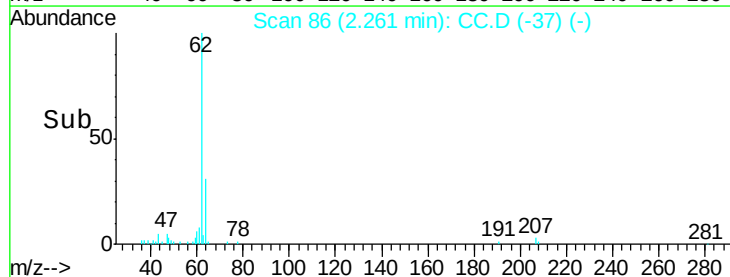
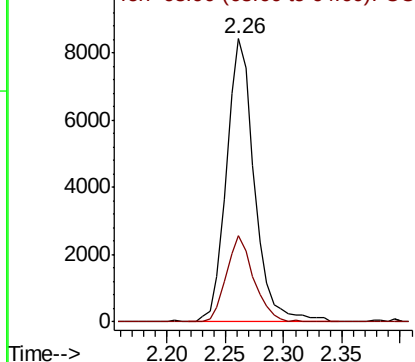
Ion Ratio Lower Upper

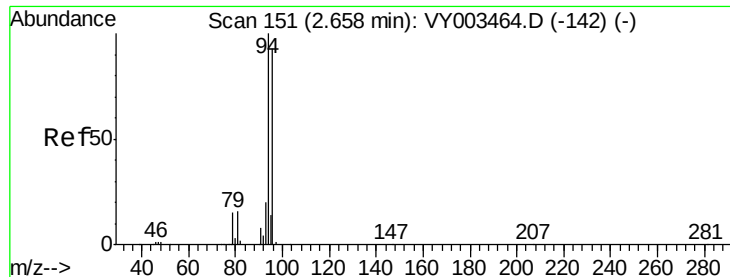
62 100

64 30.5 25.5 38.3



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





#5

Bromomethane

Concen: 5.085 ug/l

RT: 2.66 min Scan# 152

Delta R.T. 0.01 min

Lab File: CC.D

Acq: 02 Nov 2020 09:49

Instrument :

MSVOA_Y

ClientSampleId :

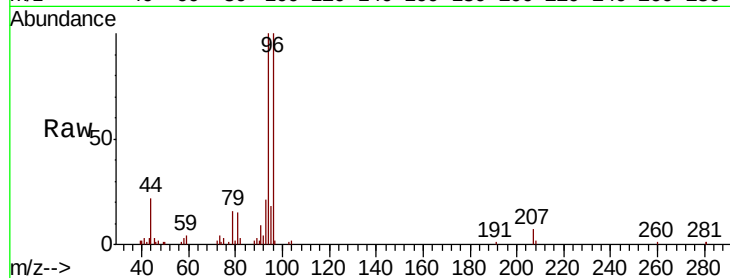
VSTDIC005

Tot Ion: 94 Resp: 12796

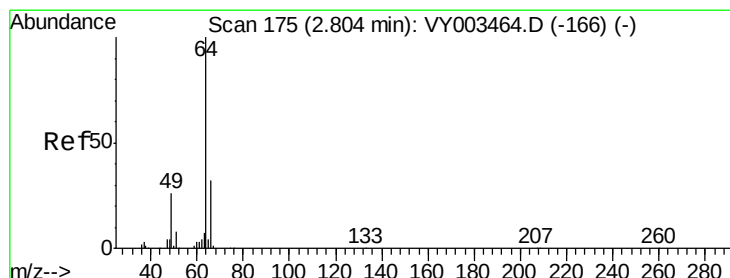
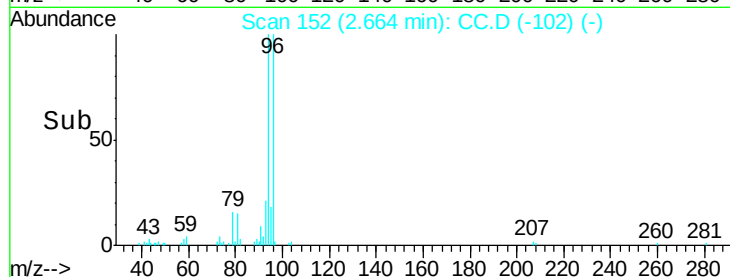
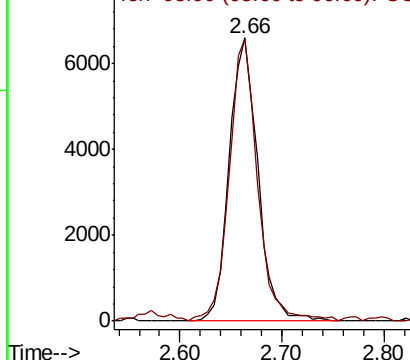
Ion Ratio Lower Upper

94 100

96 99.9 74.6 112.0



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



#6

Chloroethane

Concen: 5.021 ug/l

RT: 2.80 min Scan# 175

Delta R.T. -0.00 min

Lab File: CC.D

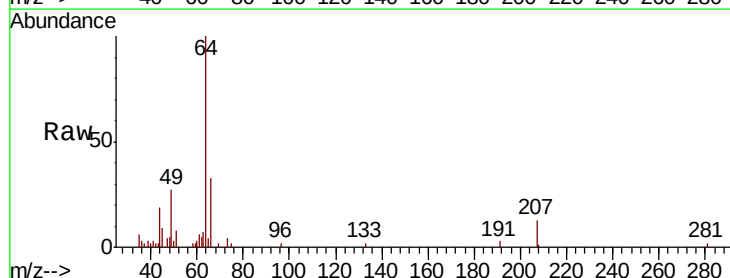
Acq: 02 Nov 2020 09:49

Tgt Ion: 64 Resp: 8121

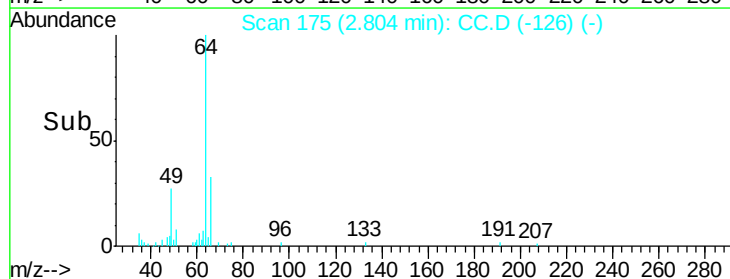
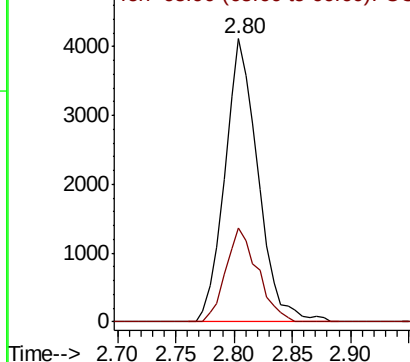
Ion Ratio Lower Upper

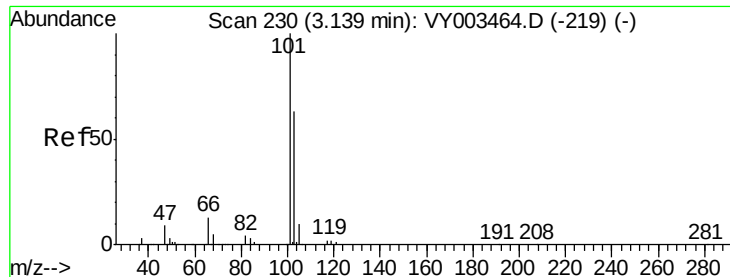
64 100

66 33.3 25.6 38.4



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



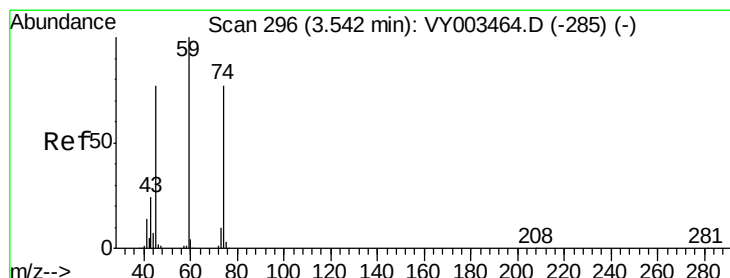
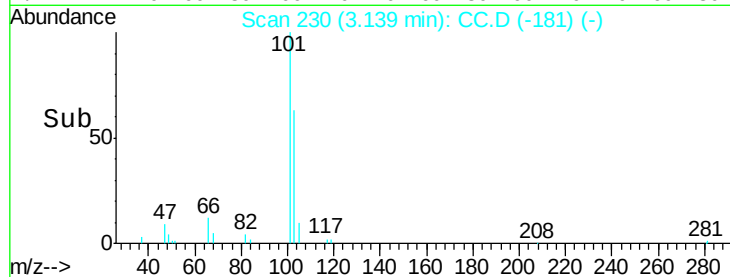
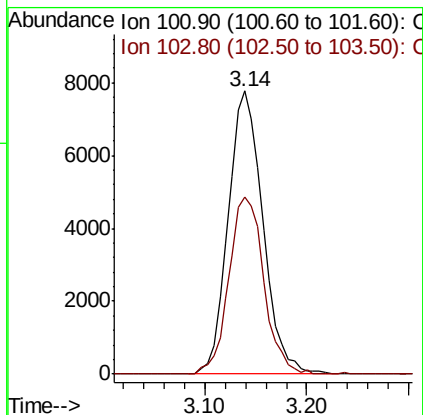
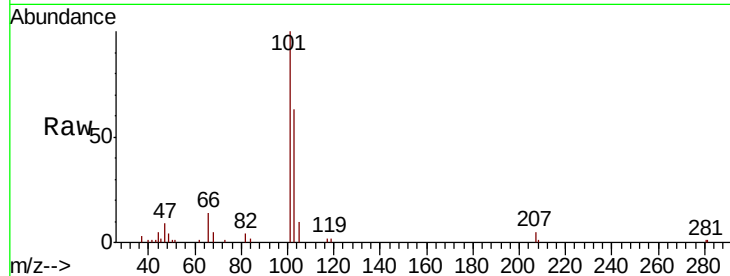


#7

Trichlorofluoromethane
 Concen: 5.554 ug/l
 RT: 3.14 min Scan# 230
 Delta R.T. -0.00 min
 Lab File: CC.D
 Acq: 02 Nov 2020 09:49

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

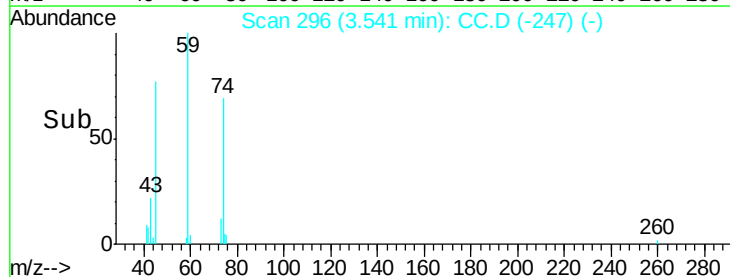
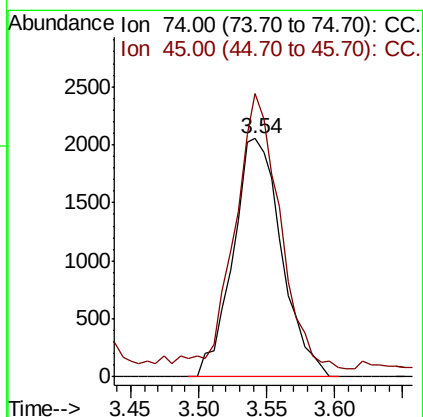
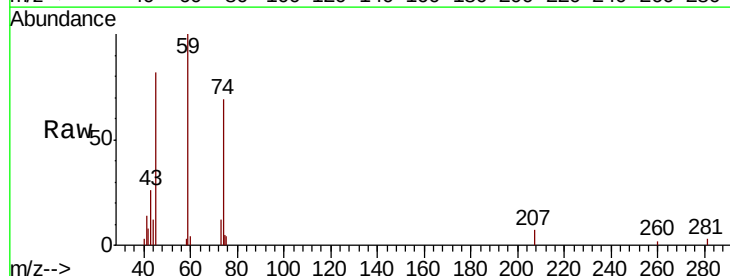
Tot Ion:101 Resp: 18296
 Ion Ratio Lower Upper
 101 100
 103 62.7 50.7 76.1

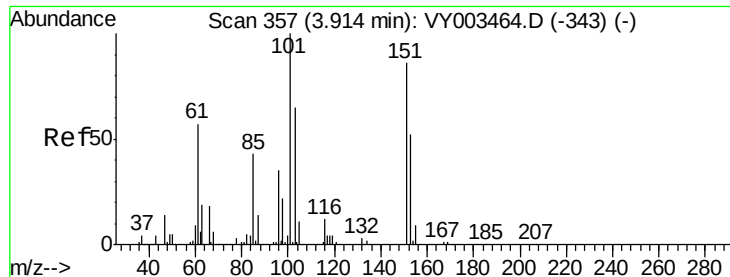


#8

Diethyl Ether
 Concen: 4.723 ug/l
 RT: 3.54 min Scan# 296
 Delta R.T. -0.00 min
 Lab File: CC.D
 Acq: 02 Nov 2020 09:49

Tgt Ion: 74 Resp: 5108
 Ion Ratio Lower Upper
 74 100
 45 106.3 50.7 152.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.235 ug/l

RT: 3.91 min Scan# 357

Delta R.T. -0.00 min

Lab File: CC.D

Acq: 02 Nov 2020 09:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

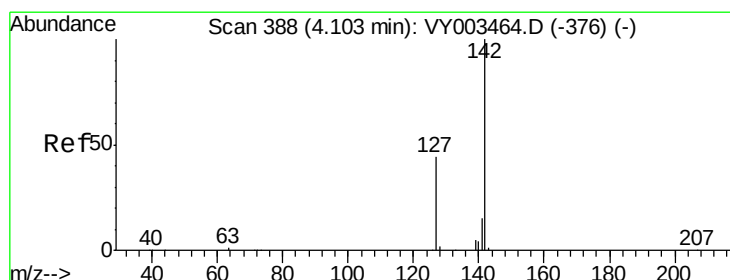
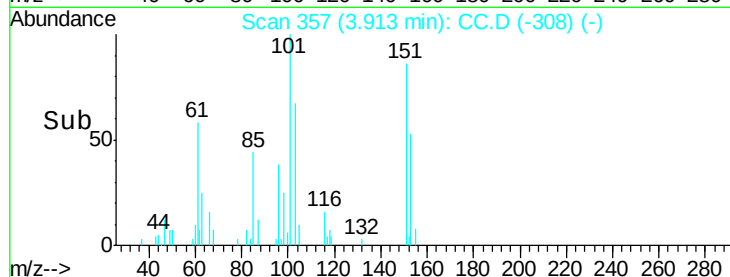
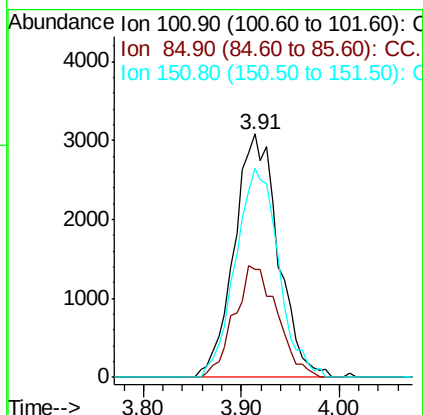
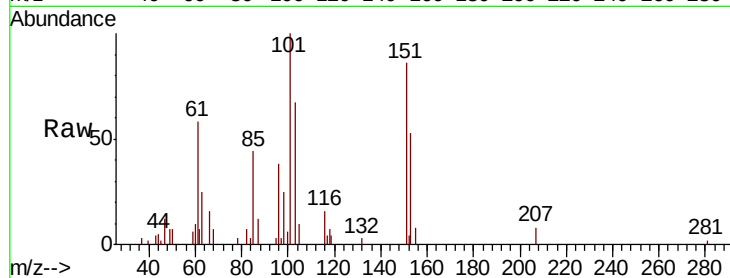
Tot Ion:101 Resp: 9607

Ion Ratio Lower Upper

101 100

85 44.6 35.8 53.8

151 84.3 67.6 101.4



#10

Methyl Iodide

Concen: 4.905 ug/l

RT: 4.10 min Scan# 388

Delta R.T. -0.00 min

Lab File: CC.D

Acq: 02 Nov 2020 09:49

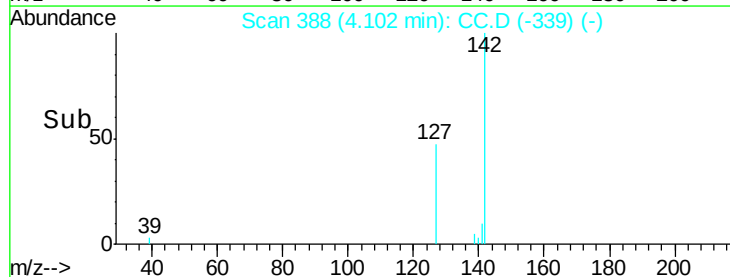
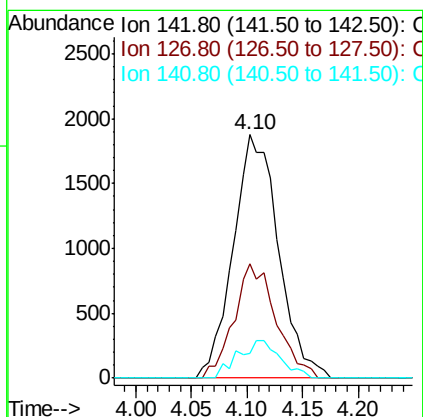
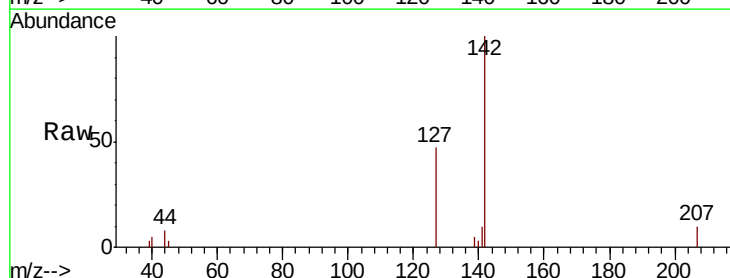
Tgt Ion:142 Resp: 5298

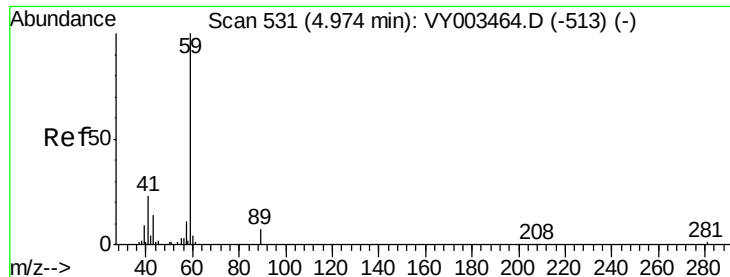
Ion Ratio Lower Upper

142 100

127 43.5 34.5 51.7

141 14.3 11.8 17.8



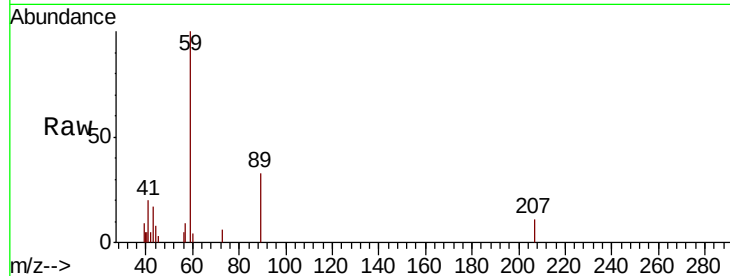


#11

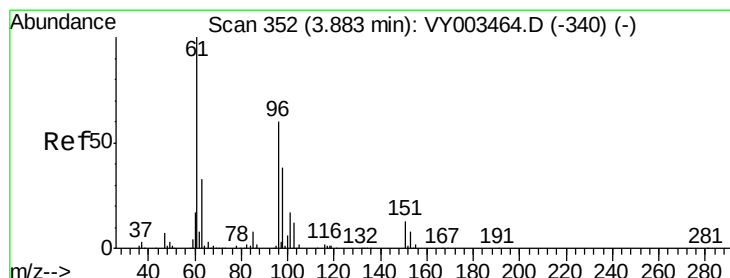
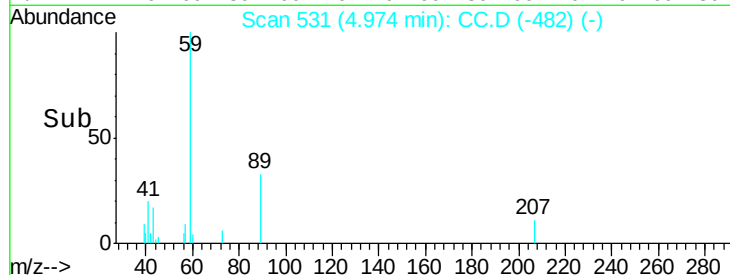
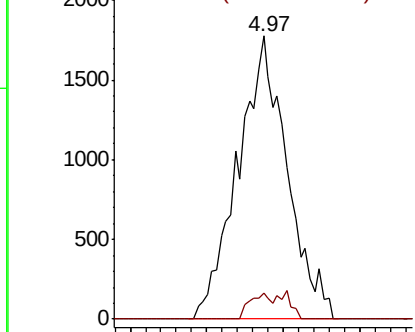
Tert butyl alcohol
 Concen: 35.936 ug/l
 RT: 4.97 min Scan# 531
 Delta R.T. -0.00 min
 Lab File: CC.D
 Acq: 02 Nov 2020 09:49

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

Tot Ion: 59 Resp: 7925
 Ion Ratio Lower Upper
 59 100
 57 4.0 7.9 11.9#



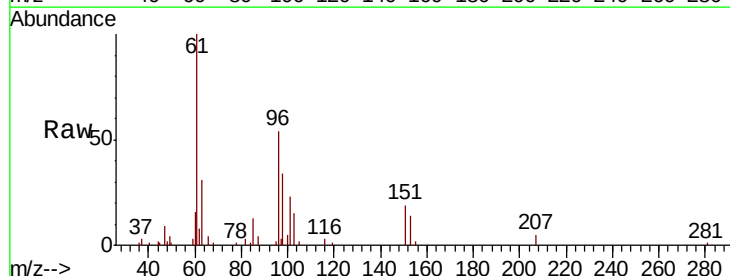
Abundance Ion 59.00 (58.70 to 59.70): CC.
 Ion 57.00 (56.70 to 57.70): CC.



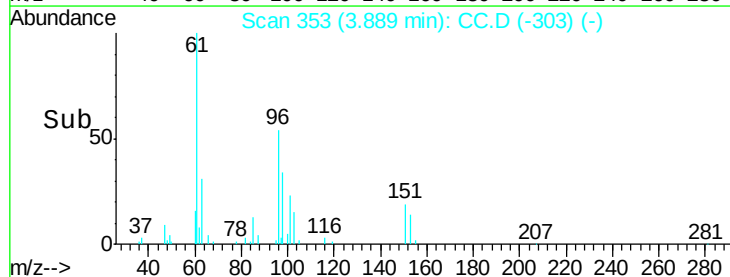
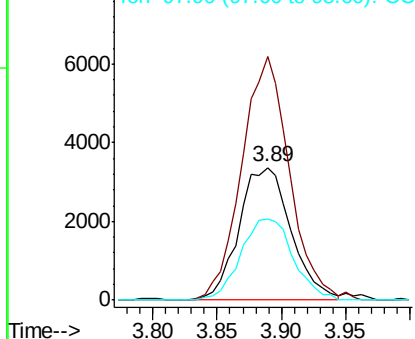
#12

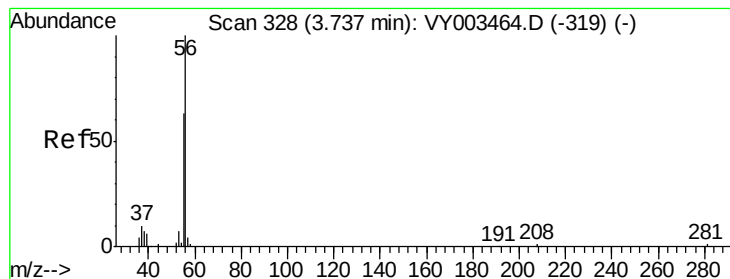
1,1-Dichloroethene
 Concen: 5.201 ug/l
 RT: 3.89 min Scan# 353
 Delta R.T. 0.01 min
 Lab File: CC.D
 Acq: 02 Nov 2020 09:49

Tgt Ion: 96 Resp: 9408
 Ion Ratio Lower Upper
 96 100
 61 183.9 133.6 200.4
 98 61.7 50.2 75.2



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.





#13

Acrolein

Concen: 25.817 ug/l

RT: 3.75 min Scan# 331

Delta R.T. 0.02 min

Lab File: CC.D

Acq: 02 Nov 2020 09:49

Instrument :

MSVOA_Y

ClientSampleId :

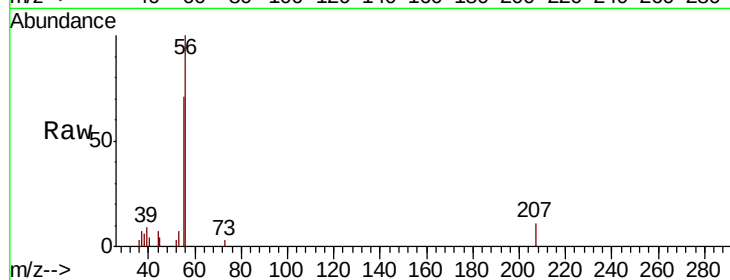
VSTDIC005

Tot Ion: 56 Resp: 5312

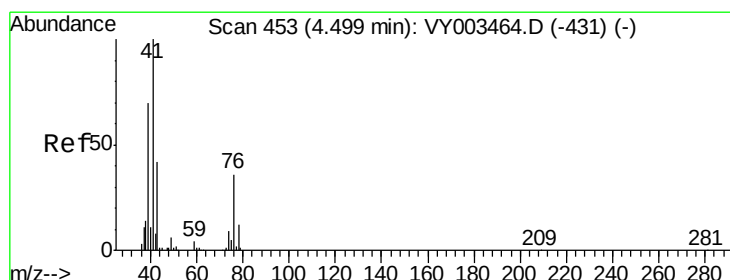
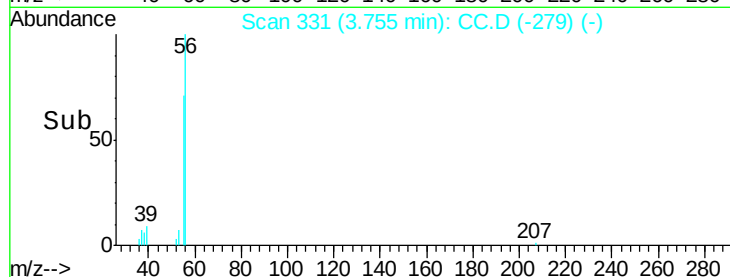
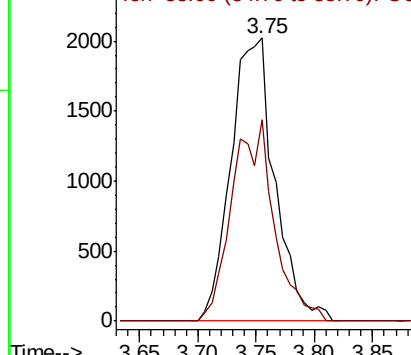
Ion Ratio Lower Upper

56 100

55 68.4 56.6 85.0



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



#14

Allyl chloride

Concen: 5.267 ug/l

RT: 4.49 min Scan# 452

Delta R.T. -0.01 min

Lab File: CC.D

Acq: 02 Nov 2020 09:49

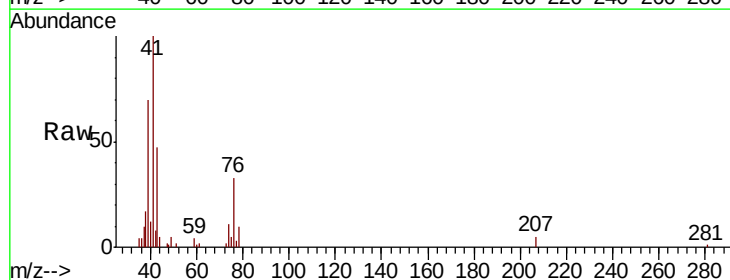
Tgt Ion: 41 Resp: 17031

Ion Ratio Lower Upper

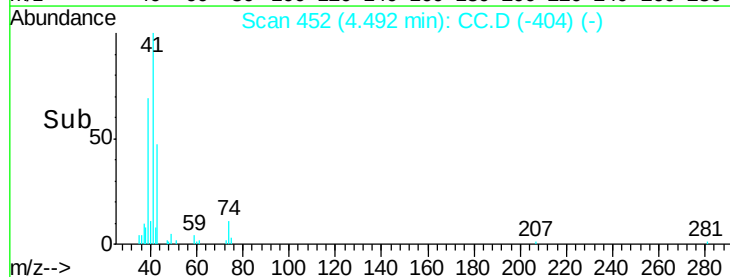
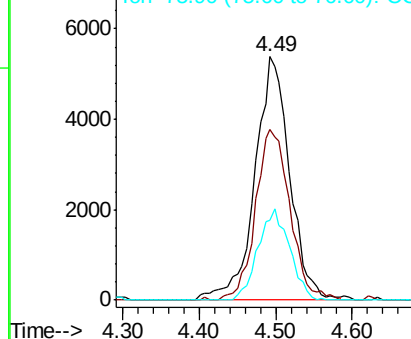
41 100

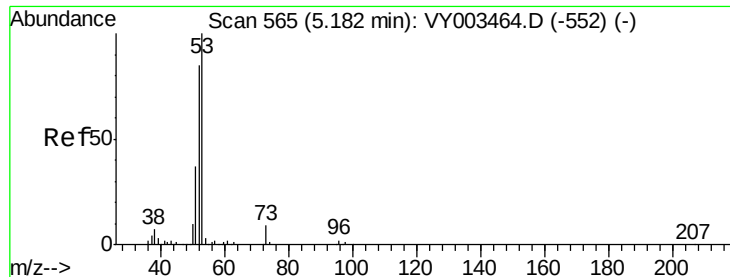
39 69.4 54.4 81.6

76 34.0 27.6 41.4



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: 25.574 ug/l

RT: 5.19 min Scan# 566

Delta R.T. 0.01 min

Lab File: CC.D

Acq: 02 Nov 2020 09:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

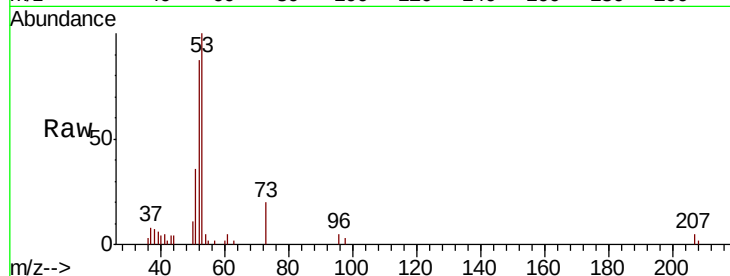
Tot Ion: 53 Resp: 13394

Ion Ratio Lower Upper

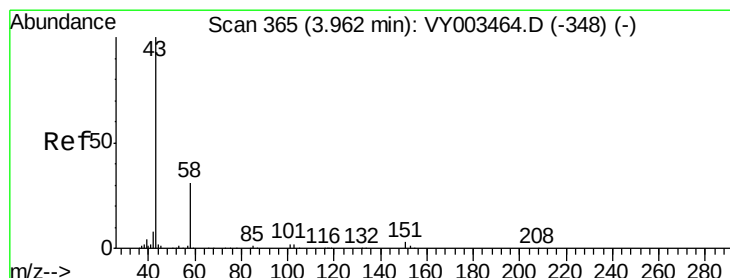
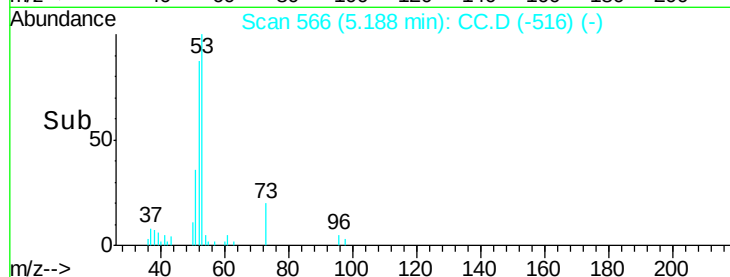
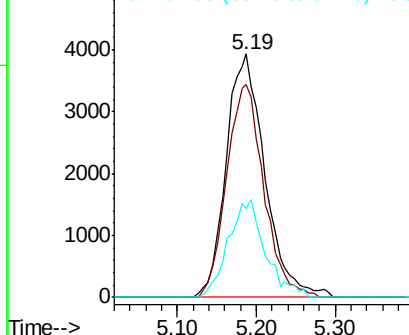
53 100

52 84.3 66.9 100.3

51 38.2 29.3 43.9



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



#16

Acetone

Concen: 30.325 ug/l

RT: 3.97 min Scan# 366

Delta R.T. 0.01 min

Lab File: CC.D

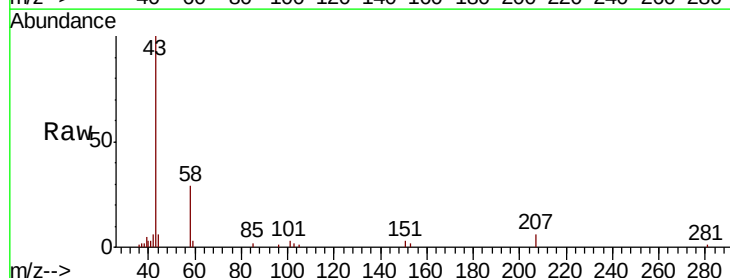
Acq: 02 Nov 2020 09:49

Tgt Ion: 43 Resp: 18093

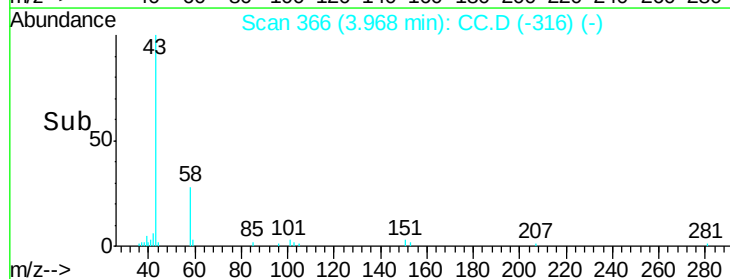
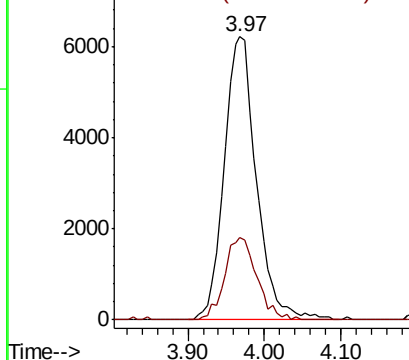
Ion Ratio Lower Upper

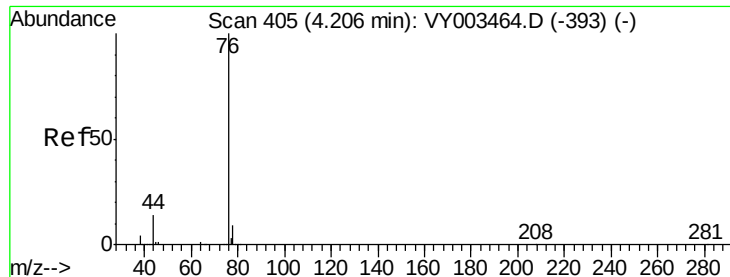
43 100

58 29.2 25.0 37.4



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





#17

Carbon Disulfide

Concen: 5.260 ug/l

RT: 4.21 min Scan# 405

Delta R.T. -0.00 min

Lab File: CC.D

Acq: 02 Nov 2020 09:49

Instrument :

MSVOA_Y

ClientSampleId :

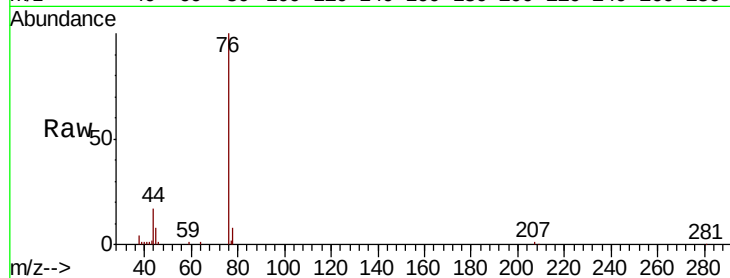
VSTDIC005

Tot Ion: 76 Resp: 31010

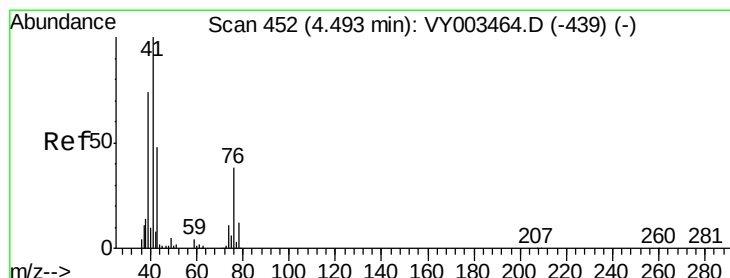
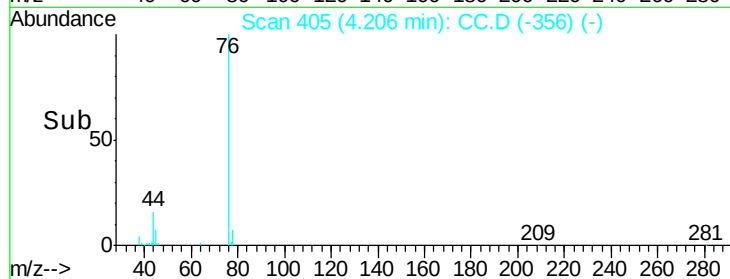
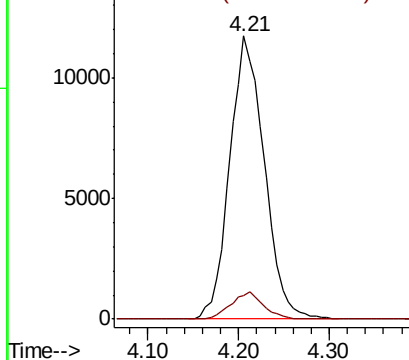
Ion Ratio Lower Upper

76 100

78 8.4 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): CC.
Ion 77.90 (77.60 to 78.60): CC.



#18

Methyl Acetate

Concen: 5.667 ug/l

RT: 4.49 min Scan# 452

Delta R.T. -0.00 min

Lab File: CC.D

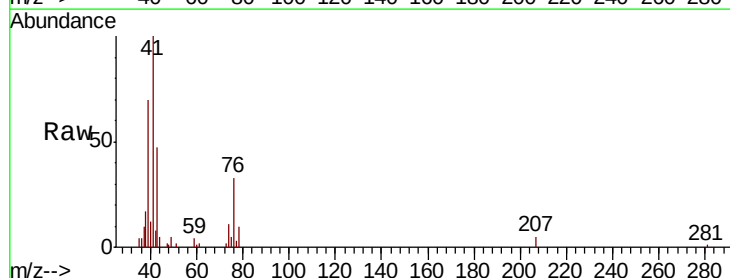
Acq: 02 Nov 2020 09:49

Tgt Ion: 43 Resp: 7645

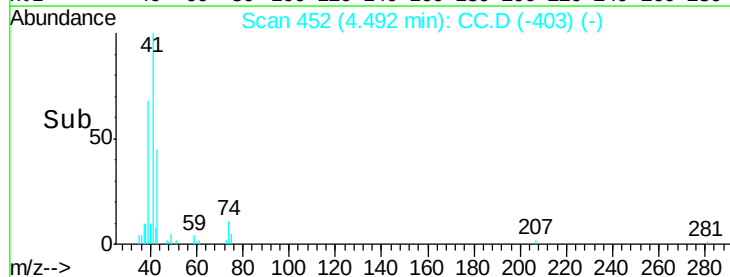
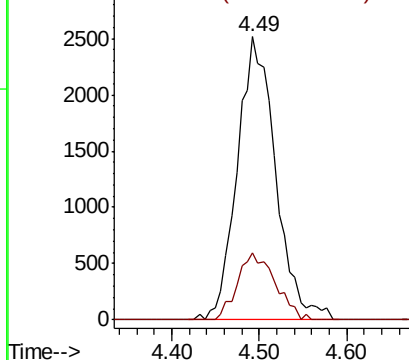
Ion Ratio Lower Upper

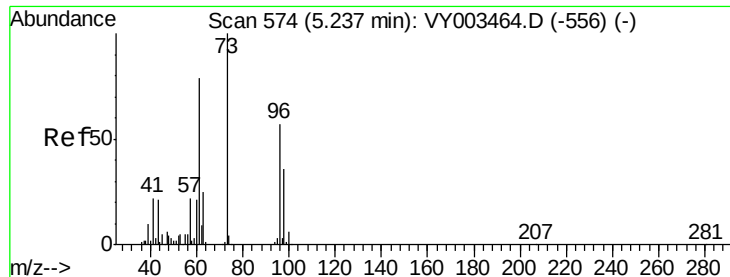
43 100

74 23.5 18.4 27.6



Abundance Ion 43.00 (42.70 to 43.70): CC.
Ion 74.00 (73.70 to 74.70): CC.



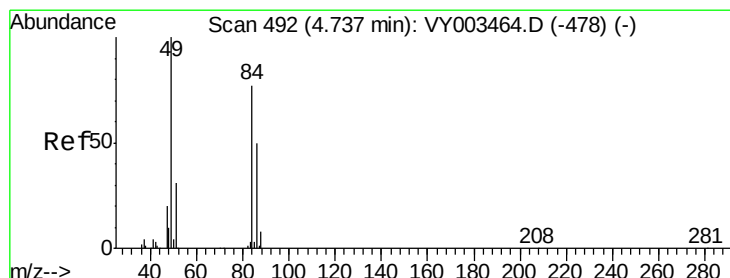
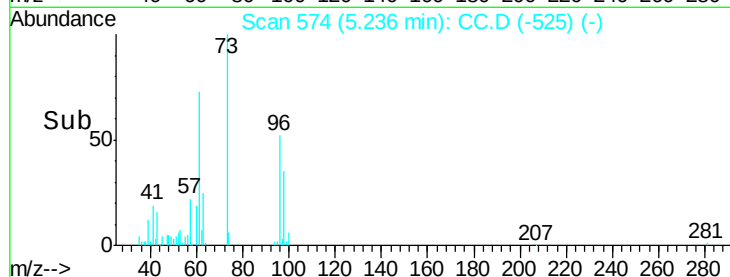
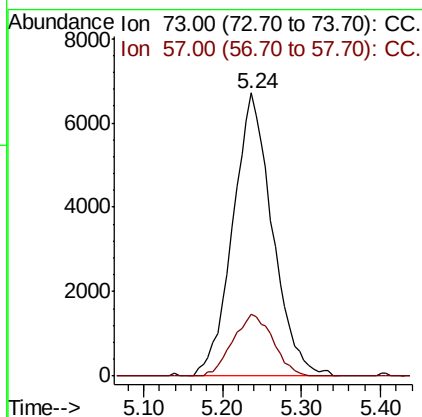
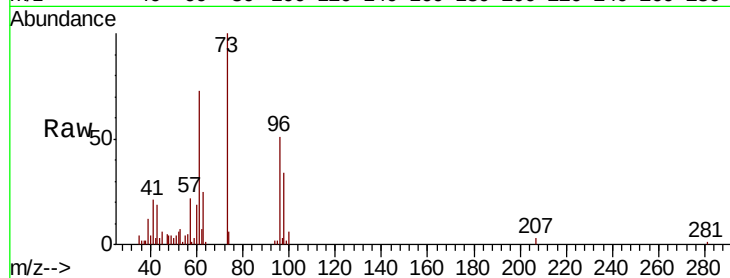


#19

Methyl tert-butyl Ether
 Concen: 4.950 ug/l
 RT: 5.24 min Scan# 574
 Delta R.T. -0.00 min
 Lab File: CC.D
 Acq: 02 Nov 2020 09:49

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

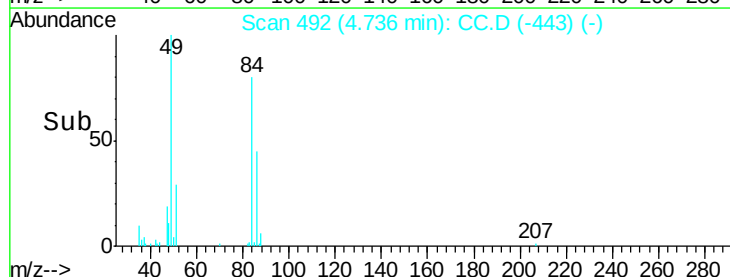
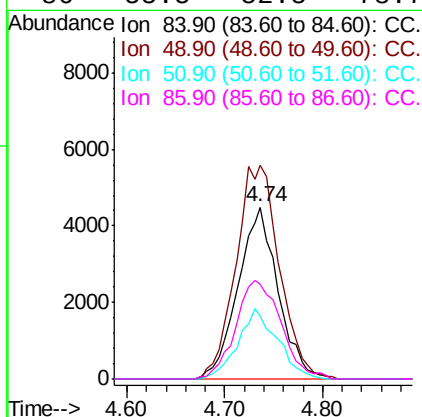
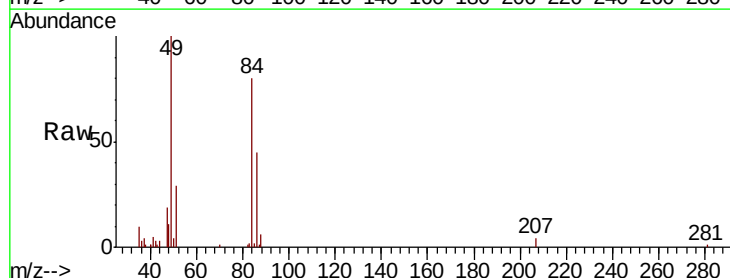
Tot Ion: 73 Resp: 23342
 Ion Ratio Lower Upper
 73 100
 57 21.7 17.2 25.8

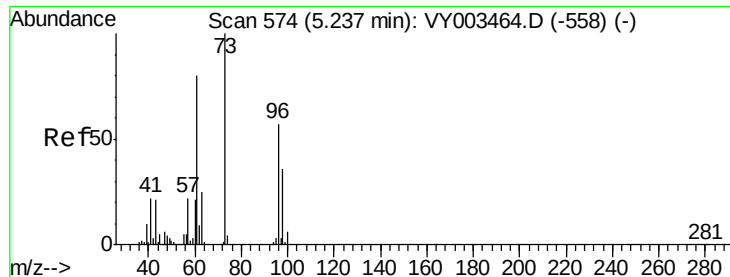


#20

Methylene Chloride
 Concen: 5.275 ug/l
 RT: 4.74 min Scan# 492
 Delta R.T. -0.00 min
 Lab File: CC.D
 Acq: 02 Nov 2020 09:49

Tgt Ion: 84 Resp: 12770
 Ion Ratio Lower Upper
 84 100
 49 124.4 104.3 156.5
 51 36.5 32.5 48.7
 86 55.5 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 5.274 ug/l

RT: 5.24 min Scan# 575

Delta R.T. 0.01 min

Lab File: CC.D

Acq: 02 Nov 2020 09:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

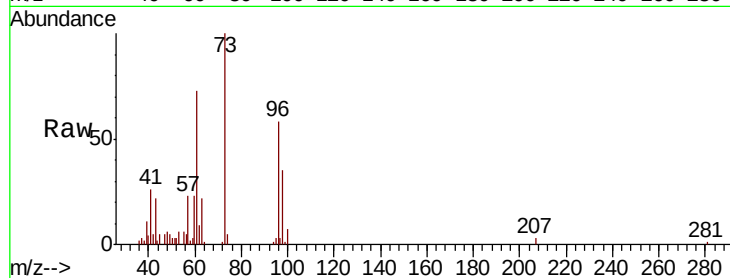
Tot Ion: 96 Resp: 11161

Ion Ratio Lower Upper

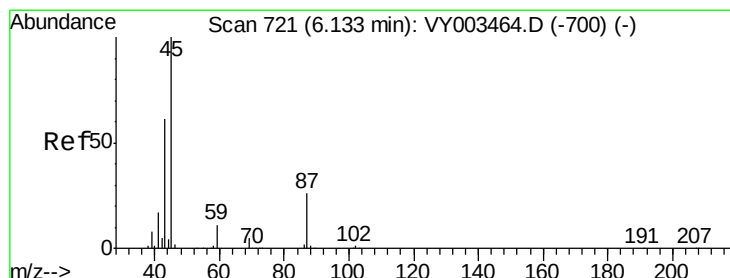
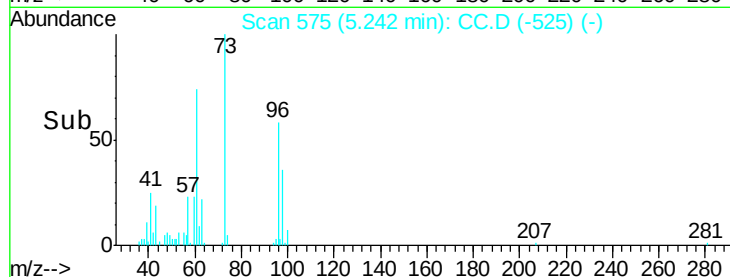
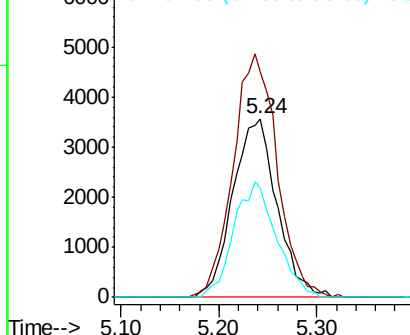
96 100

61 126.6 111.3 166.9

98 60.9 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: 5.004 ug/l

RT: 6.13 min Scan# 721

Delta R.T. -0.00 min

Lab File: CC.D

Acq: 02 Nov 2020 09:49

Tgt Ion: 45 Resp: 29972

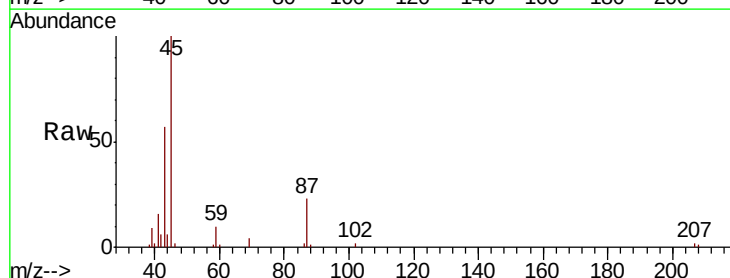
Ion Ratio Lower Upper

45 100

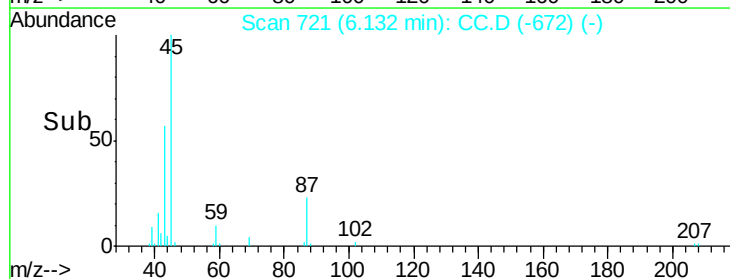
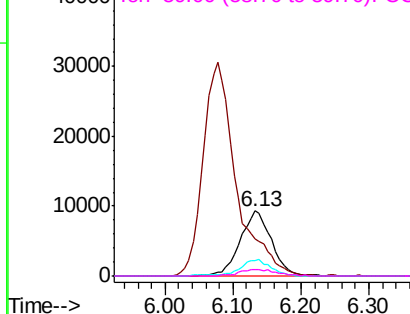
43 56.6 48.8 73.2

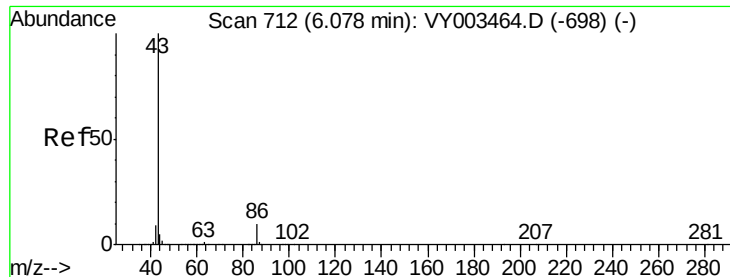
87 23.2 20.6 31.0

59 9.9 9.0 13.4



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





#23

Vinyl Acetate

Concen: 23.565 ug/l

RT: 6.08 min Scan# 712

Delta R.T. -0.00 min

Lab File: CC.D

Acq: 02 Nov 2020 09:49

Instrument :

MSVOA_Y

ClientSampleId :

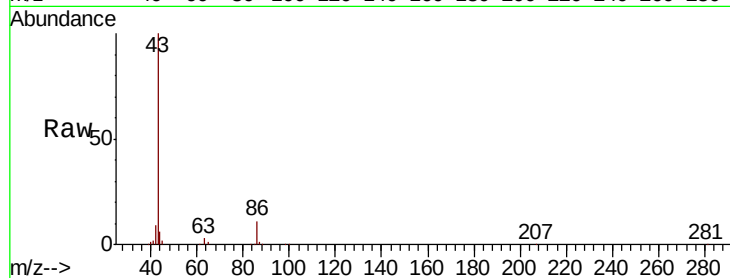
VSTDIC005

Tot Ion: 43 Resp: 103865

Ion Ratio Lower Upper

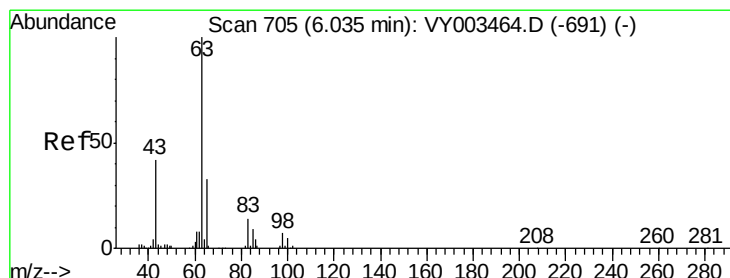
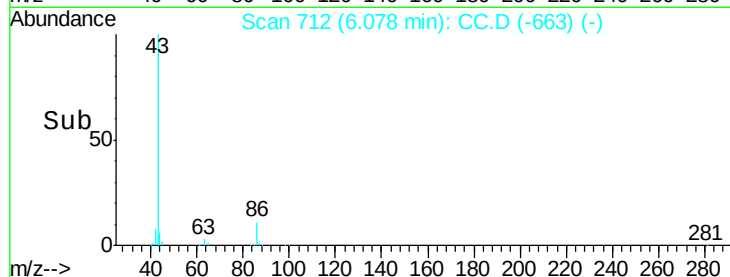
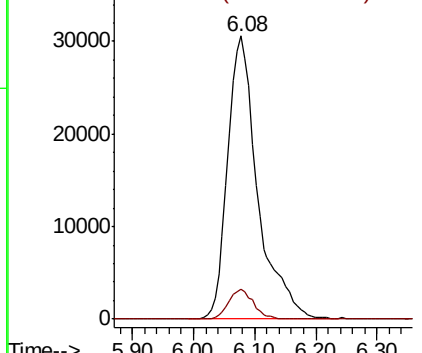
43 100

86 10.7 8.2 12.2



Abundance Ion 43.00 (42.70 to 43.70): CC.

Ion 86.00 (85.70 to 86.70): CC.



#24

1,1-Dichloroethane

Concen: 5.180 ug/l

RT: 6.03 min Scan# 705

Delta R.T. -0.00 min

Lab File: CC.D

Acq: 02 Nov 2020 09:49

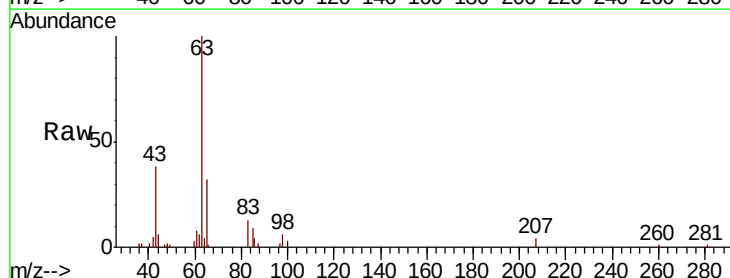
Tgt Ion: 63 Resp: 19332

Ion Ratio Lower Upper

63 100

98 6.3 3.6 10.8

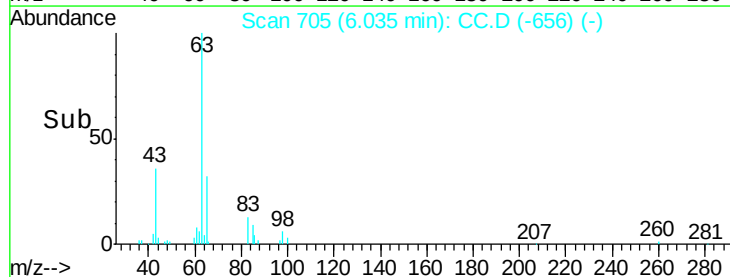
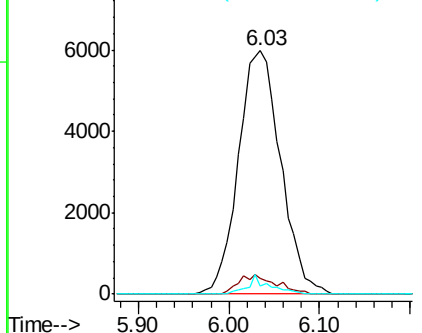
100 3.4 2.3 6.9

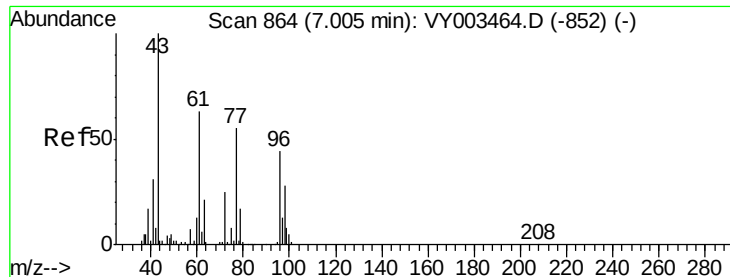


Abundance Ion 62.90 (62.60 to 63.60): CC.

Ion 97.90 (97.60 to 98.60): CC.

Ion 99.90 (99.60 to 100.60): CC.

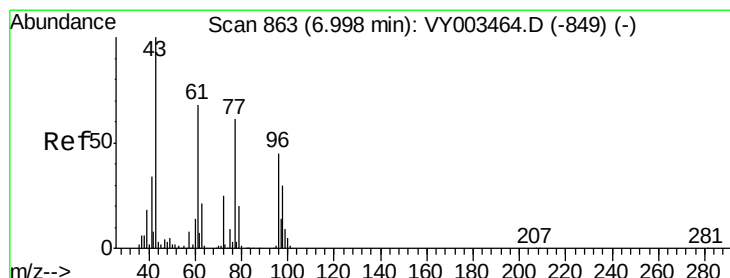
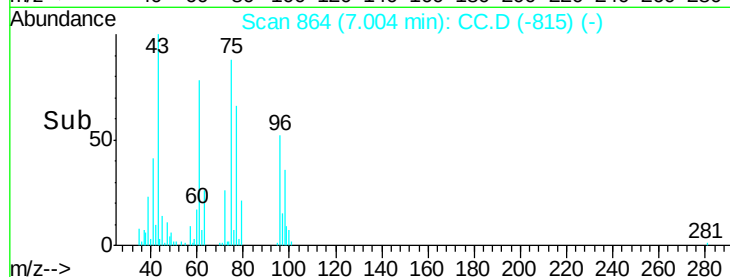
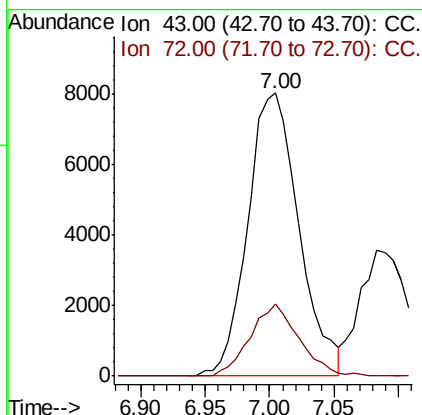
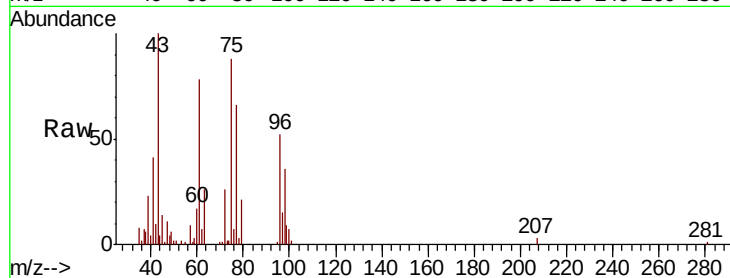




#25
2-Butanone
Concen: 26.710 ug/l
RT: 7.00 min Scan# 864
Delta R.T. -0.00 min
Lab File: CC.D
Acq: 02 Nov 2020 09:49

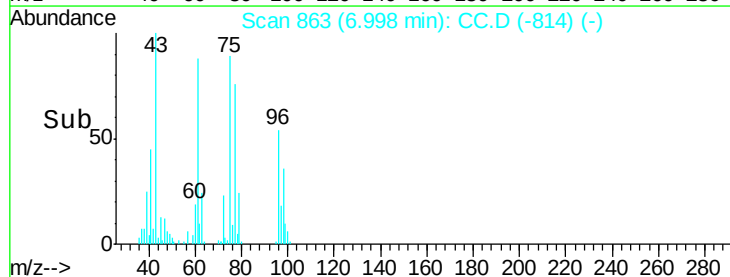
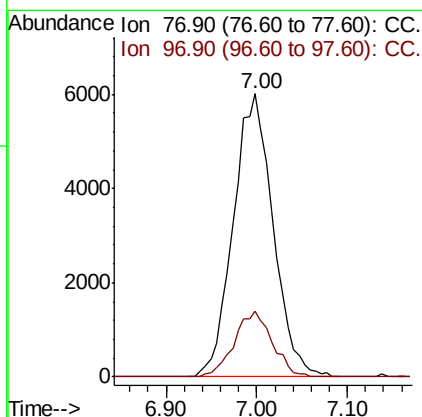
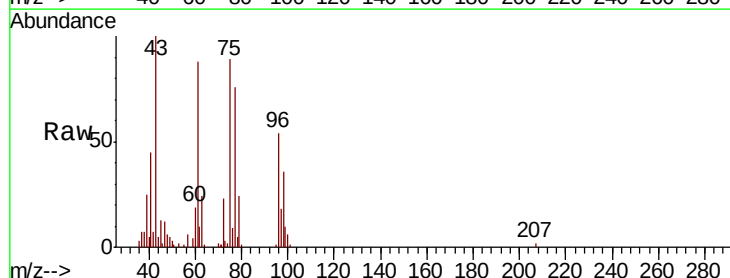
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

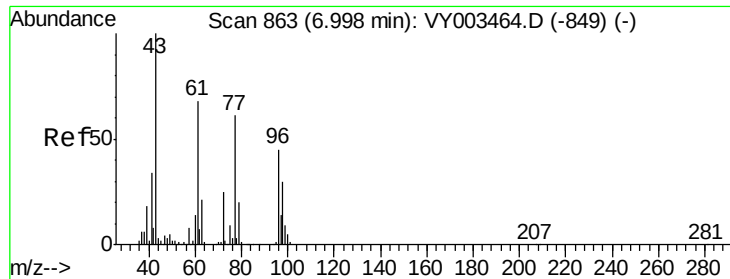
Tot Ion: 43 Resp: 22137
Ion Ratio Lower Upper
43 100
72 25.7 20.1 30.1



#26
2,2-Dichloropropane
Concen: 5.426 ug/l
RT: 7.00 min Scan# 863
Delta R.T. -0.00 min
Lab File: CC.D
Acq: 02 Nov 2020 09:49

Tgt Ion: 77 Resp: 18269
Ion Ratio Lower Upper
77 100
97 22.1 11.2 33.6



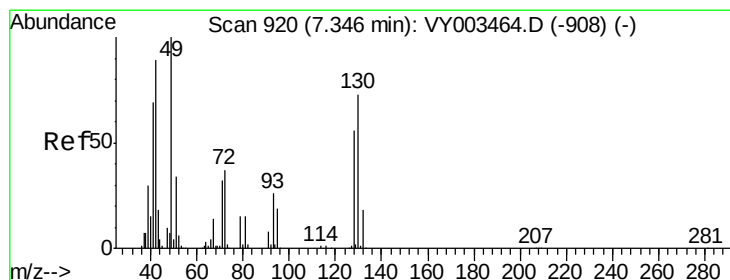
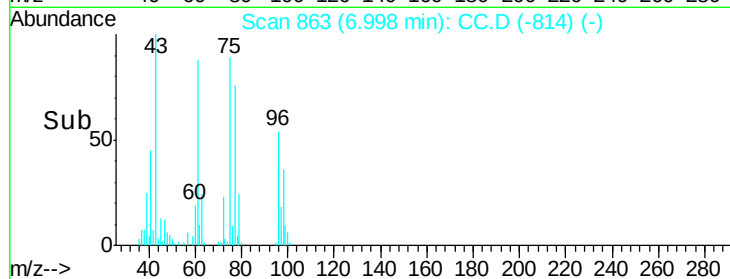
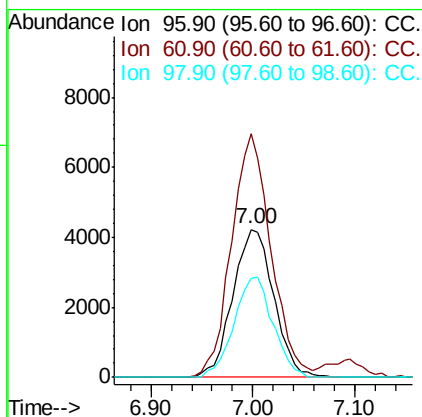
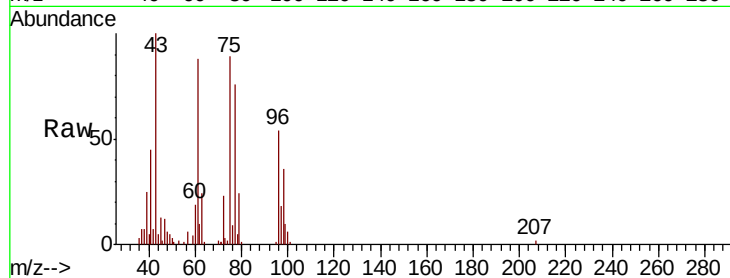


#27

cis-1,2-Dichloroethene
 Concen: 5.012 ug/l
 RT: 7.00 min Scan# 863
 Delta R.T. -0.00 min
 Lab File: CC.D
 Acq: 02 Nov 2020 09:49

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

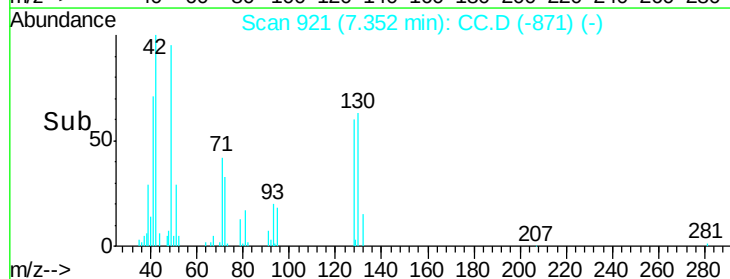
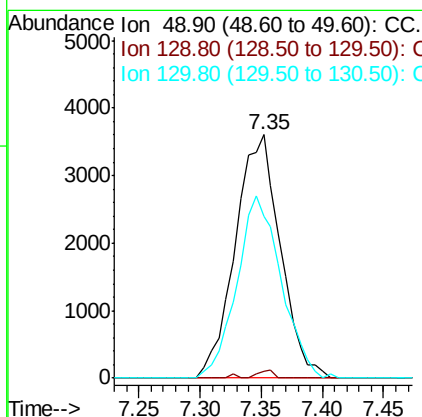
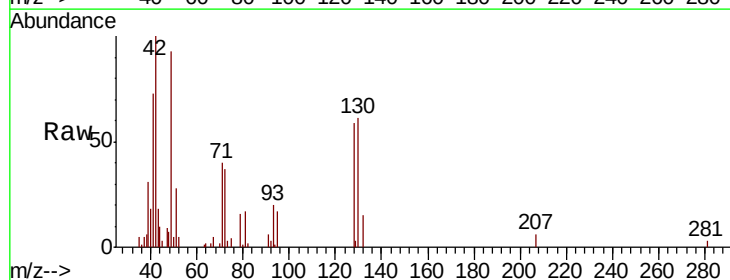
Tot Ion	Ratio	Lower	Upper
96	100		
61	158.8	0.0	299.2
98	64.5	0.0	128.6

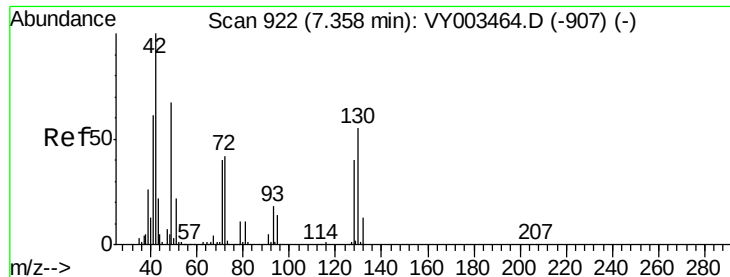


#28

Bromochloromethane
 Concen: 5.042 ug/l
 RT: 7.35 min Scan# 921
 Delta R.T. 0.01 min
 Lab File: CC.D
 Acq: 02 Nov 2020 09:49

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.1	0.0	4.2
130	73.5	60.0	90.0

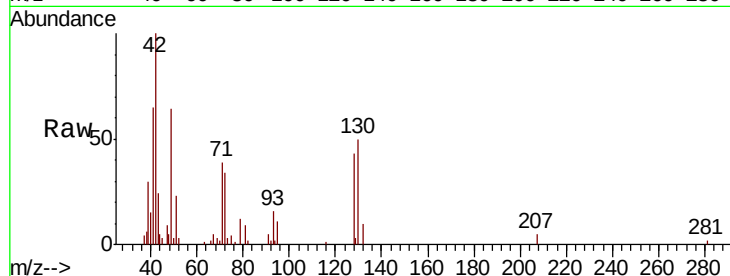




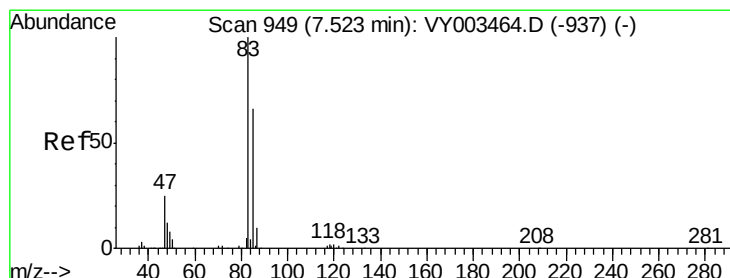
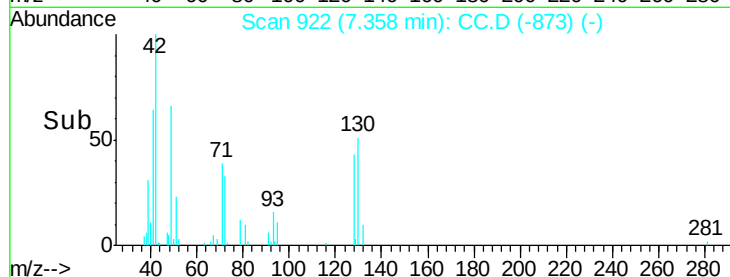
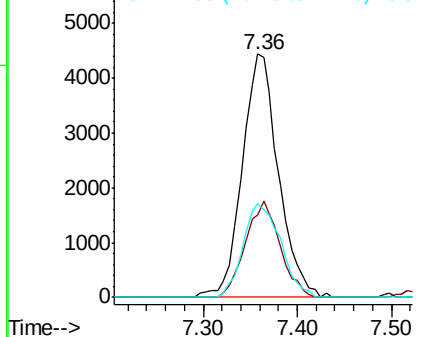
#29
Tetrahydrofuran
Concen: 25.283 ug/l
RT: 7.36 min Scan# 922
Delta R.T. -0.00 min
Lab File: CC.D
Acq: 02 Nov 2020 09:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tot Ion: 42 Resp: 11935
Ion Ratio Lower Upper
42 100
72 37.9 32.8 49.2
71 40.1 30.7 46.1

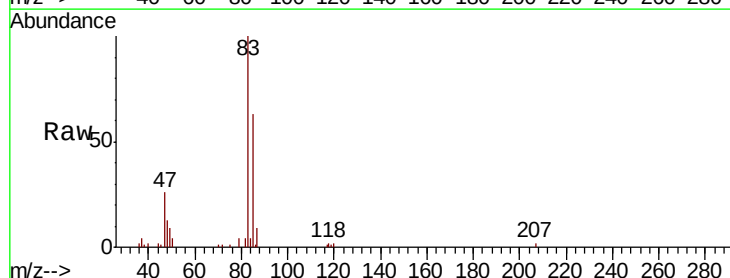


Abundance Ion 42.00 (41.70 to 42.70): CC.
Ion 72.00 (71.70 to 72.70): CC.
Ion 71.00 (70.70 to 71.70): CC.

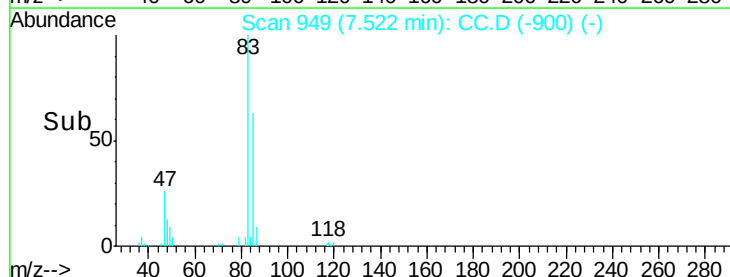
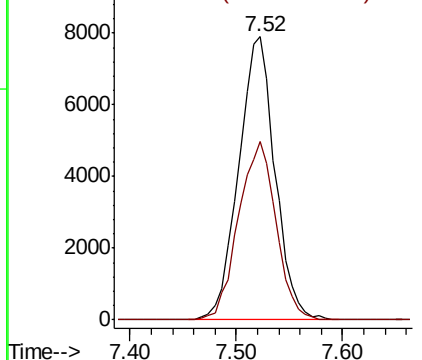


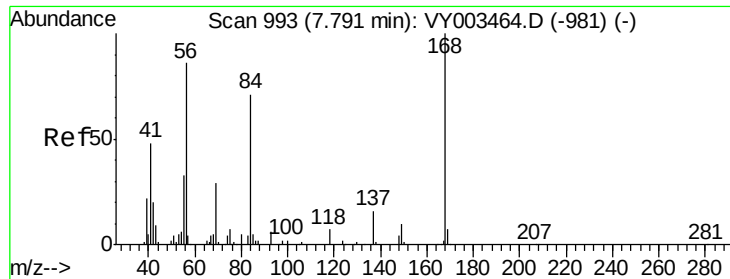
#30
Chloroform
Concen: 5.033 ug/l
RT: 7.52 min Scan# 949
Delta R.T. -0.00 min
Lab File: CC.D
Acq: 02 Nov 2020 09:49

Tgt Ion: 83 Resp: 18943
Ion Ratio Lower Upper
83 100
85 63.1 52.6 79.0



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

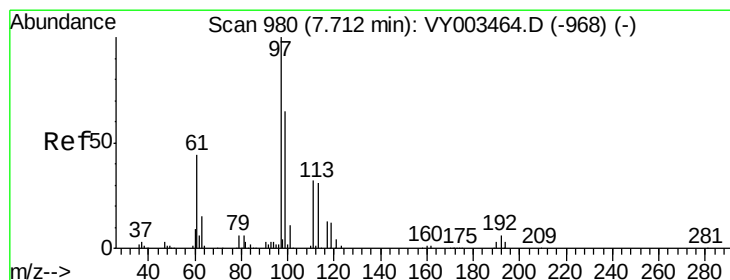
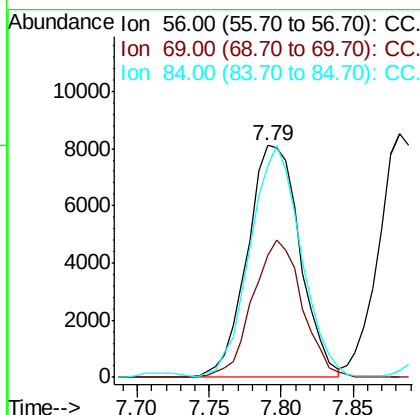
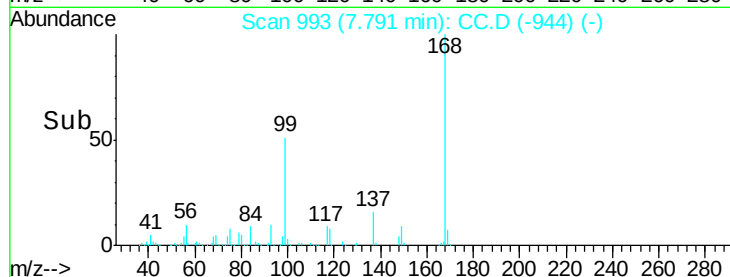
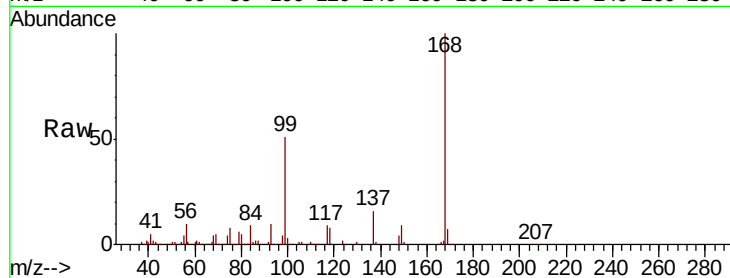




#31
Cyclohexane
Concen: 6.137 ug/l
RT: 7.79 min Scan# 993
Delta R.T. -0.00 min
Lab File: CC.D
Acq: 02 Nov 2020 09:49

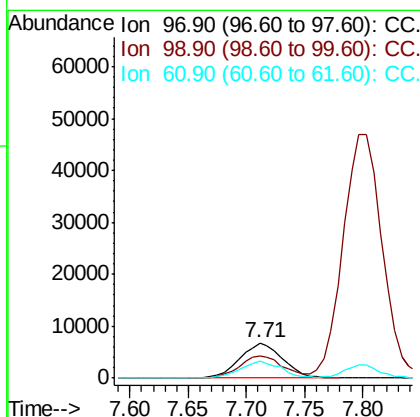
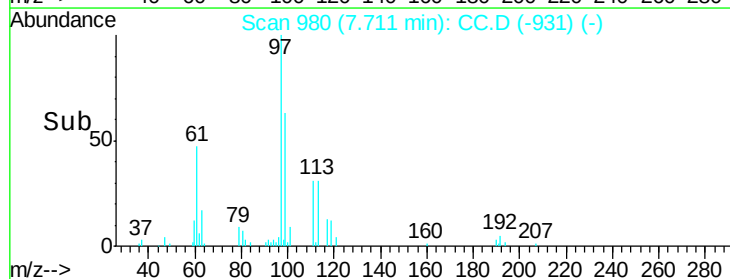
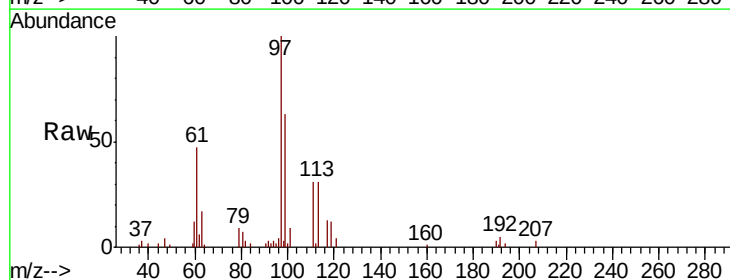
Instrument :
MSVOA_Y
ClientSampled :
VSTDIC005

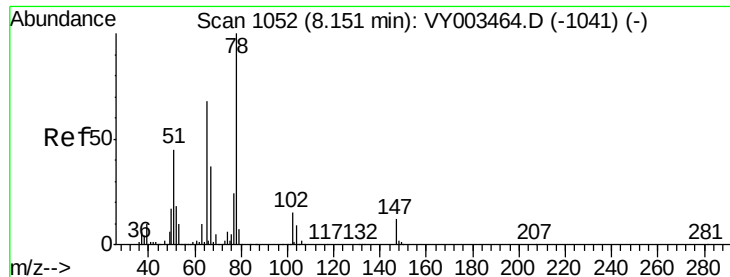
Tot Ion: 56 Resp: 20524
Ion Ratio Lower Upper
56 100
69 52.5 26.6 39.8#
84 90.1 65.9 98.9



#32
1,1,1-Trichloroethane
Concen: 4.965 ug/l
RT: 7.71 min Scan# 980
Delta R.T. -0.00 min
Lab File: CC.D
Acq: 02 Nov 2020 09:49

Tgt Ion: 97 Resp: 17184
Ion Ratio Lower Upper
97 100
99 63.8 51.6 77.4
61 46.0 35.1 52.7

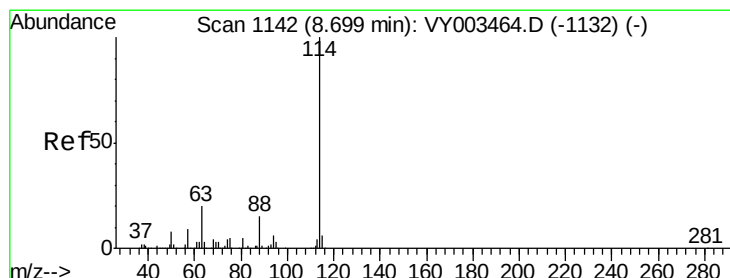
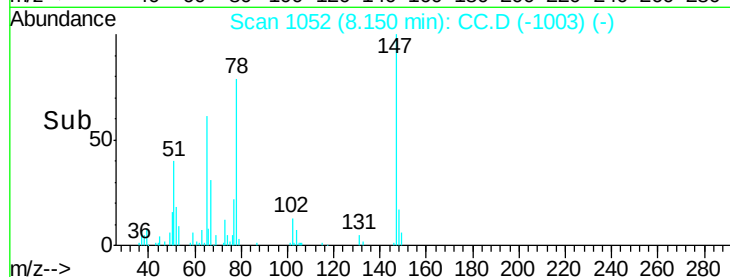
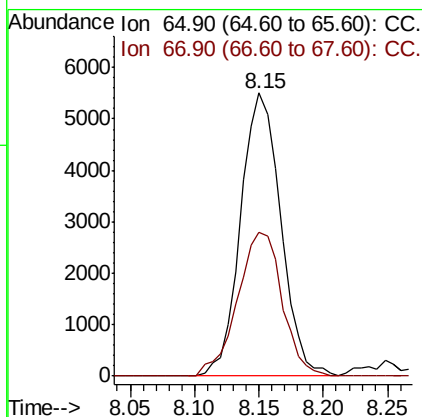
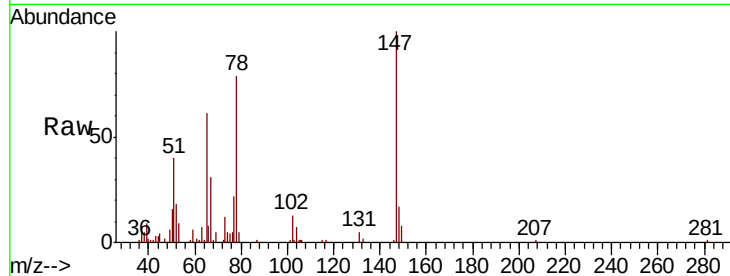




#33
 1,2-Dichloroethane-d4
 Concen: 5.236 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: CC.D
 Acq: 02 Nov 2020 09:49

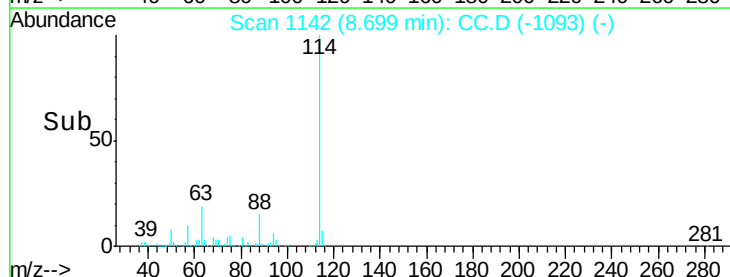
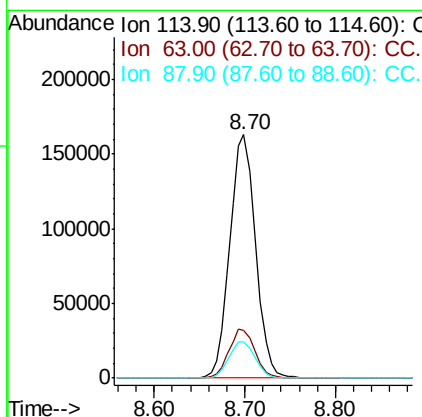
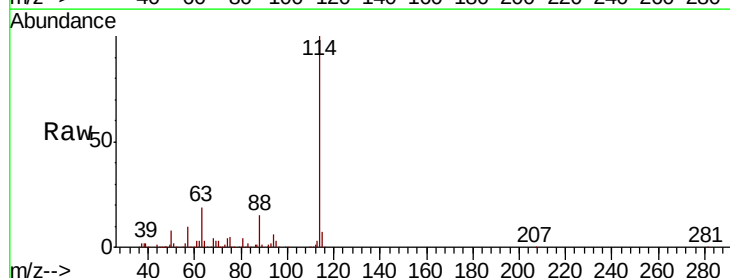
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

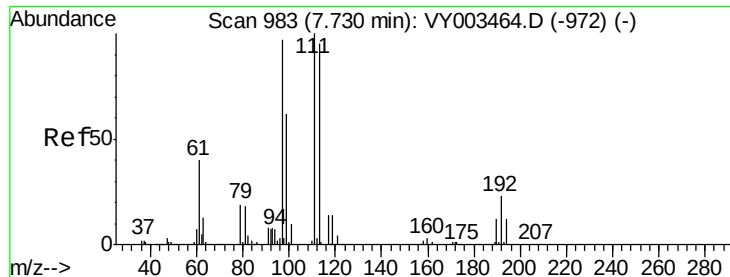
Tot Ion: 65 Resp: 11886
 Ion Ratio Lower Upper
 65 100
 67 56.5 0.0 106.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.00 min
 Lab File: CC.D
 Acq: 02 Nov 2020 09:49

Tgt Ion: 114 Resp: 321641
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 40.6
 88 15.1 0.0 29.4





#35

Dibromofluoromethane

Concen: 5.026 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.00 min

Lab File: CC.D

Acq: 02 Nov 2020 09:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

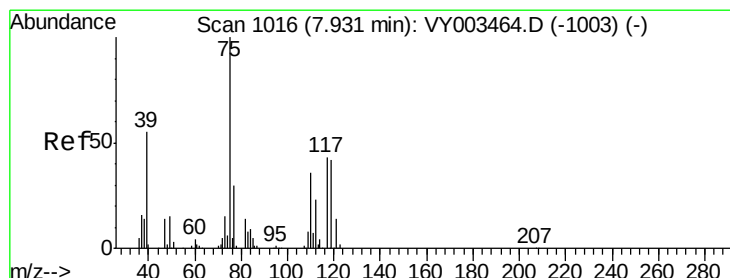
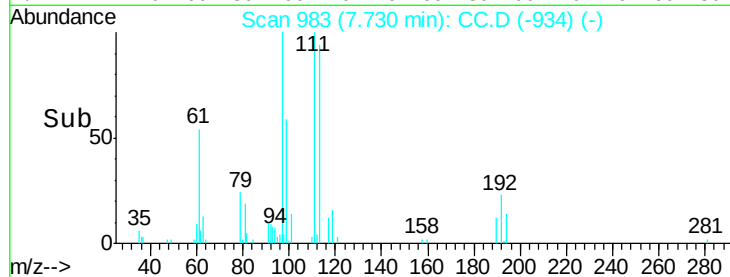
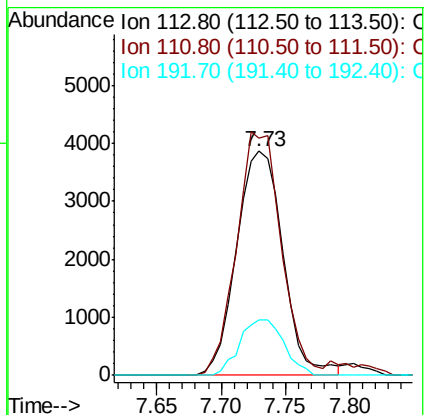
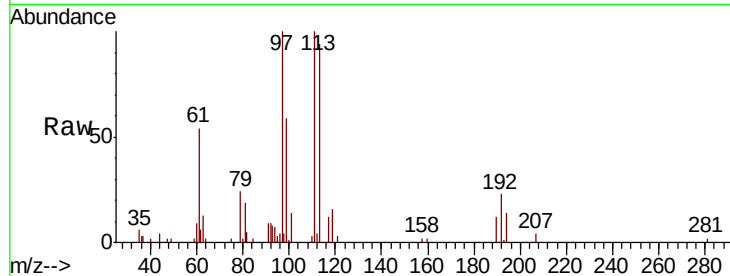
Tot Ion:113 Resp: 9666

Ion	Ratio	Lower	Upper
113	100		
111	103.9	81.8	122.6
192	23.6	18.8	28.2

113 100

111 103.9 81.8 122.6

192 23.6 18.8 28.2



#36

1,1-Dichloropropene

Concen: 5.209 ug/l

RT: 7.93 min Scan# 1016

Delta R.T. -0.00 min

Lab File: CC.D

Acq: 02 Nov 2020 09:49

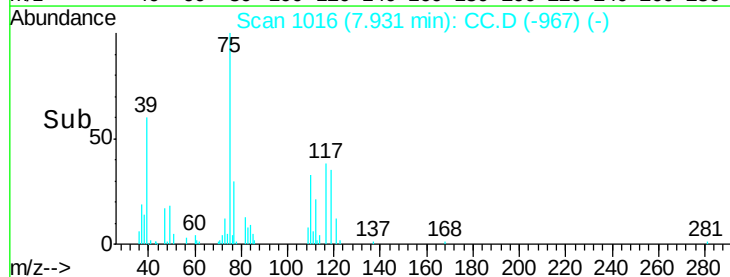
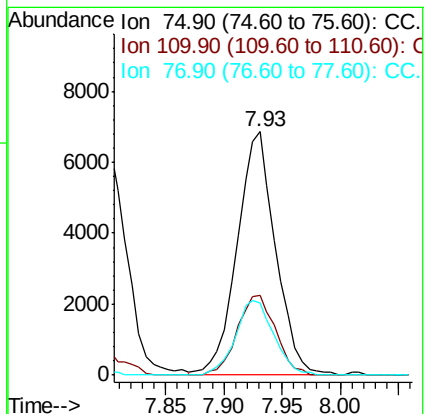
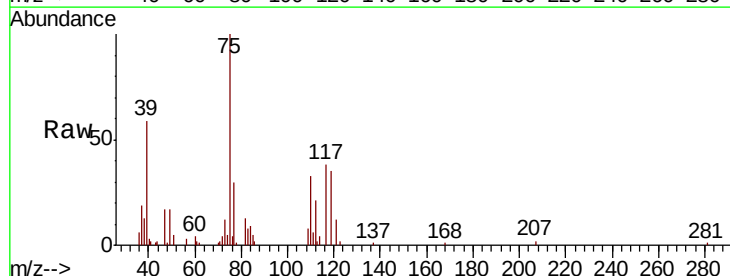
Tgt Ion: 75 Resp: 15763

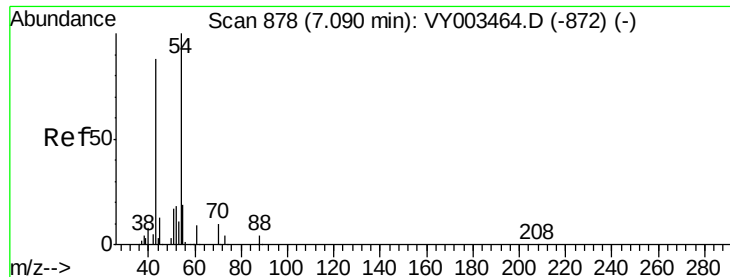
Ion	Ratio	Lower	Upper
75	100		
110	32.5	17.6	52.9
77	30.7	24.7	37.1

75 100

110 32.5 17.6 52.9

77 30.7 24.7 37.1

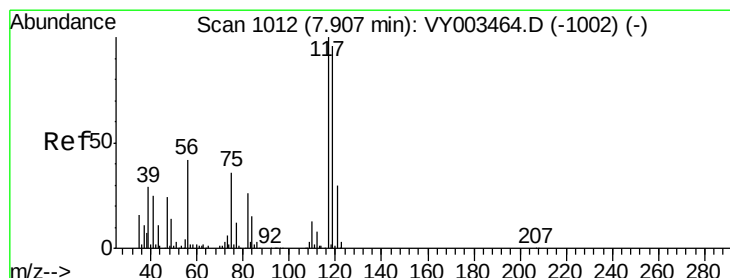
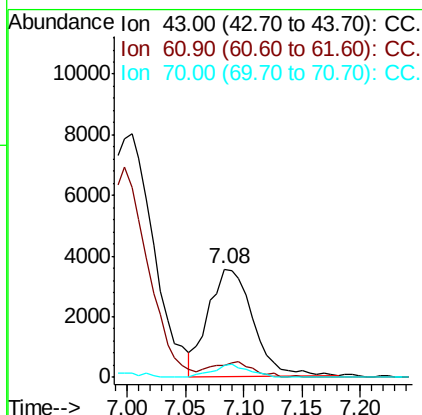
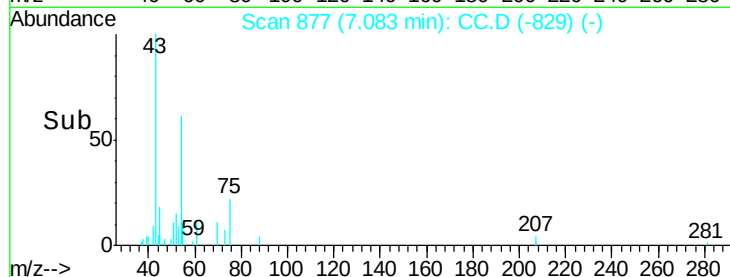
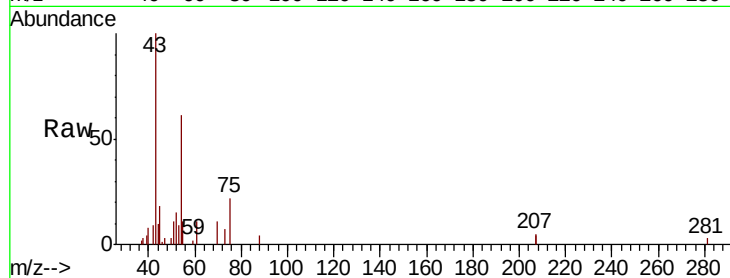




#37
Ethyl Acetate
Concen: 5.209 ug/l
RT: 7.08 min Scan# 877
Delta R.T. -0.01 min
Lab File: CC.D
Acq: 02 Nov 2020 09:49

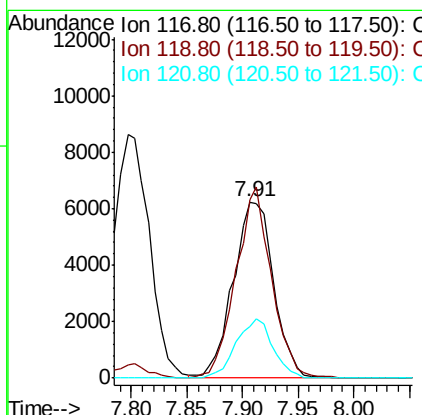
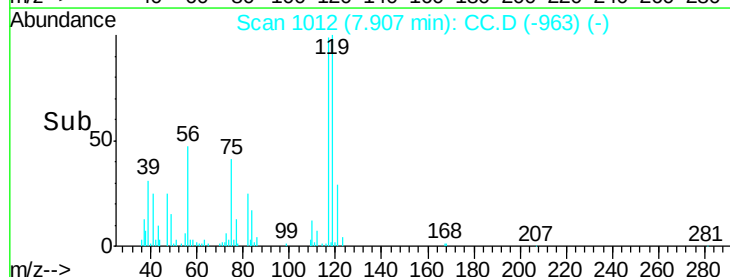
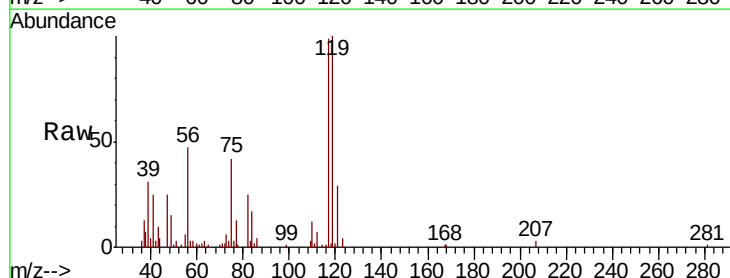
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

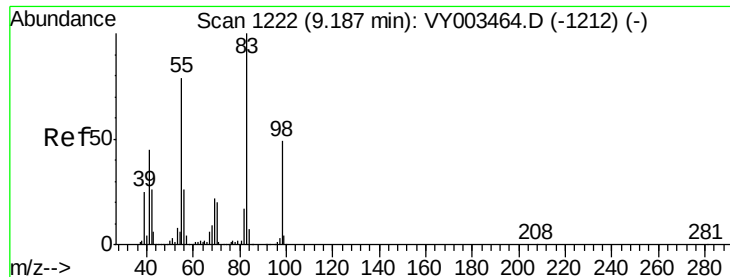
Tot Ion: 43 Resp: 9316
Ion Ratio Lower Upper
43 100
61 13.6 11.0 16.6
70 9.7 7.9 11.9



#38
Carbon Tetrachloride
Concen: 4.992 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.00 min
Lab File: CC.D
Acq: 02 Nov 2020 09:49

Tgt Ion: 117 Resp: 15794
Ion Ratio Lower Upper
117 100
119 101.2 76.2 114.4
121 29.5 24.2 36.4

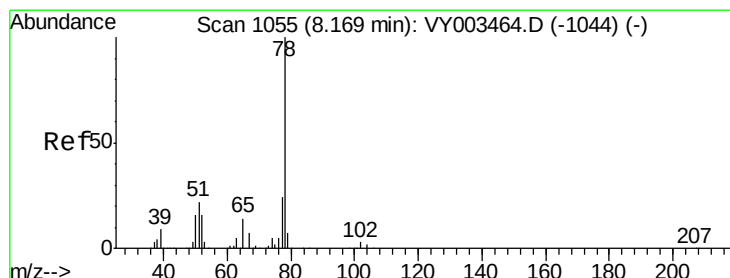
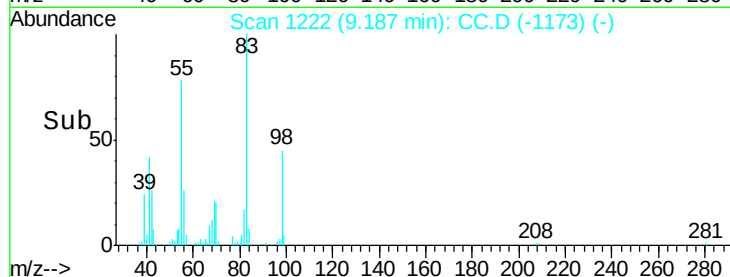
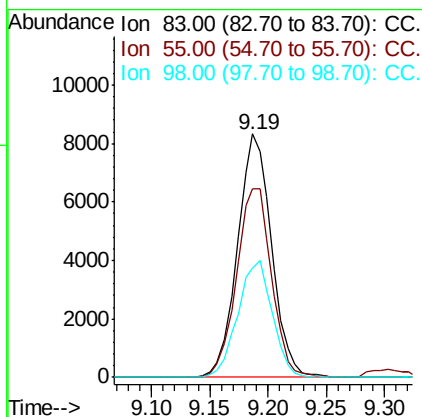
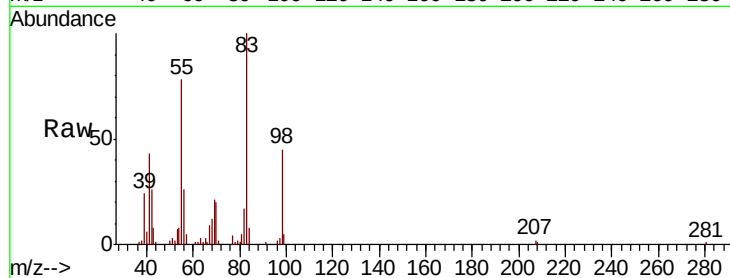




#39
Methylvlcyclohexane
Concen: 5.090 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: CC.D
Acq: 02 Nov 2020 09:49

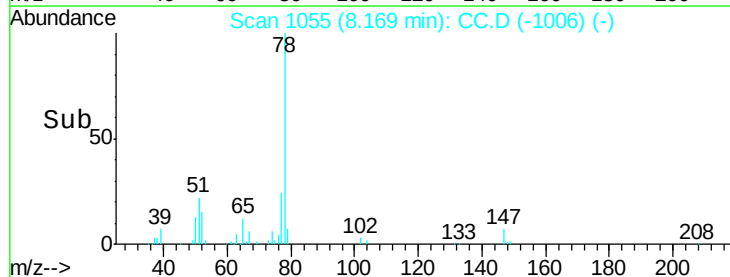
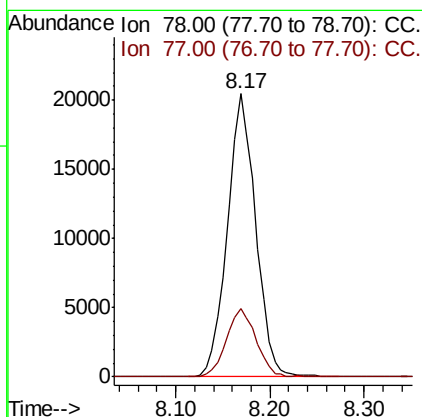
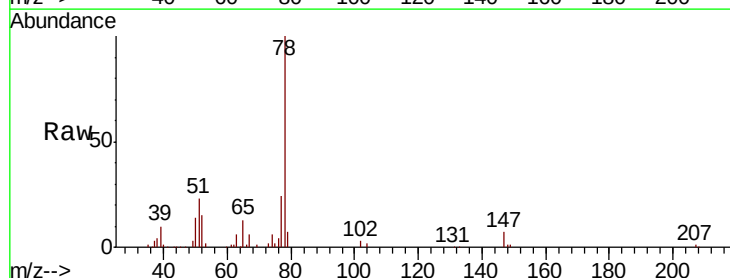
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

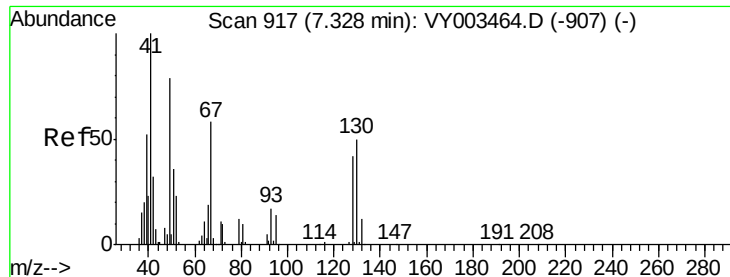
Tot Ion: 83 Resp: 16976
Ion Ratio Lower Upper
83 100
55 77.6 63.5 95.3
98 44.8 39.4 59.2



#40
Benzene
Concen: 4.981 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.00 min
Lab File: CC.D
Acq: 02 Nov 2020 09:49

Tgt Ion: 78 Resp: 42574
Ion Ratio Lower Upper
78 100
77 24.2 19.4 29.0

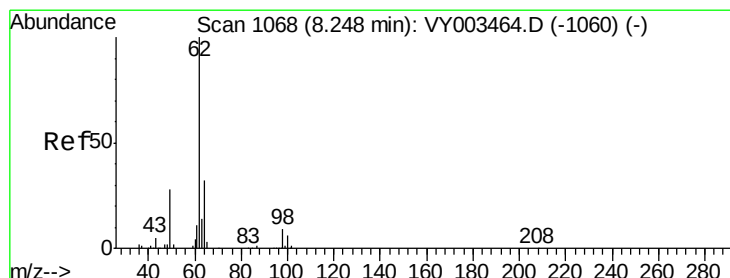
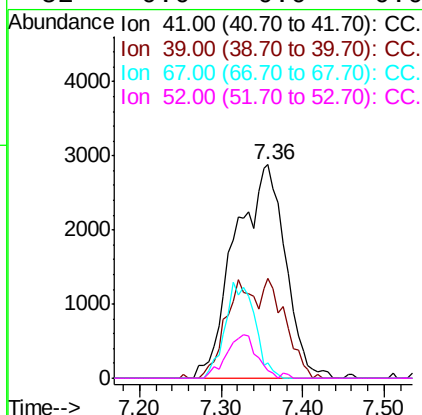
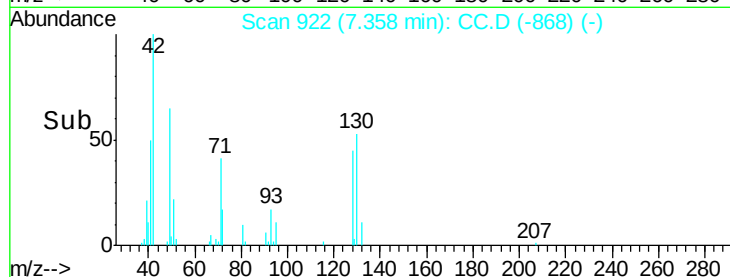
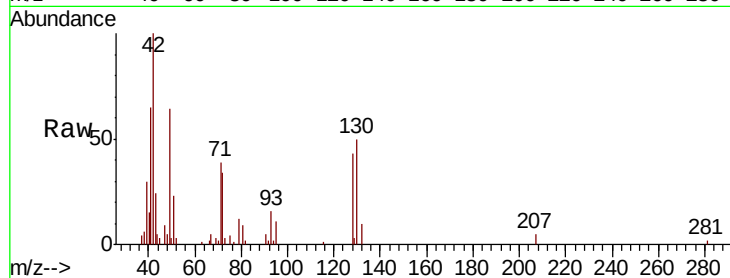




#41
Methacrylonitrile
Concen: 13.591 ug/l
RT: 7.36 min Scan# 922
Delta R.T. 0.03 min
Lab File: CC.D
Acq: 02 Nov 2020 09:49

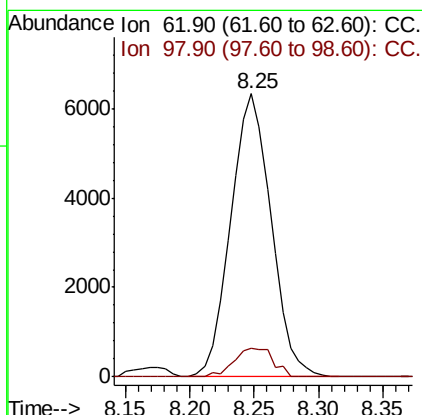
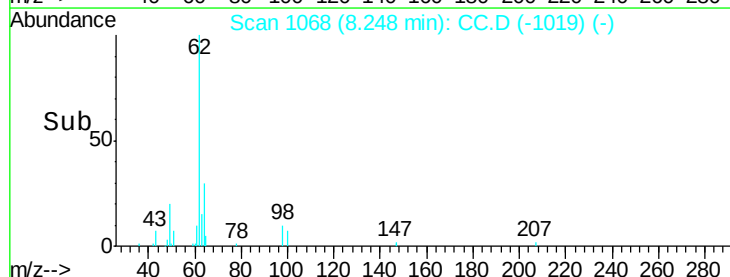
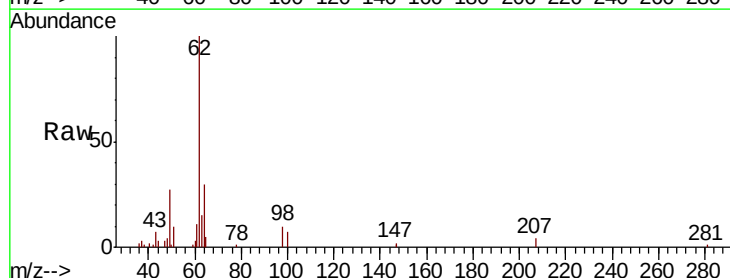
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

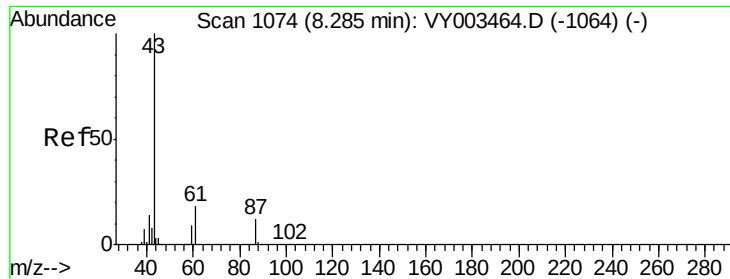
Tot Ion:	41	Resp:	12363
Ion	Ratio	Lower	Upper
41	100		
39	21.9	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 5.077 ug/l
RT: 8.25 min Scan# 1068
Delta R.T. -0.00 min
Lab File: CC.D
Acq: 02 Nov 2020 09:49

Tgt Ion:	62	Resp:	13771
Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	18.2





#43

Isopropyl Acetate

Concen: 4.943 ug/l

RT: 8.28 min Scan# 1074

Delta R.T. -0.00 min

Lab File: CC.D

Acq: 02 Nov 2020 09:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

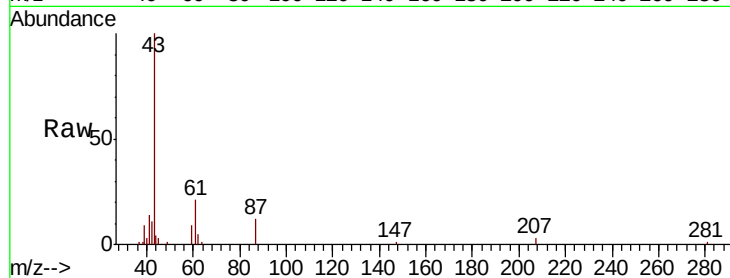
Tot Ion: 43 Resp: 16472

Ion Ratio Lower Upper

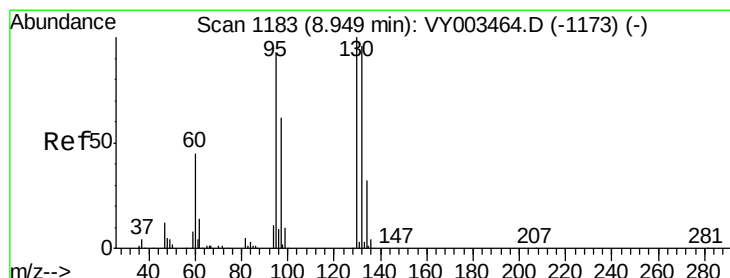
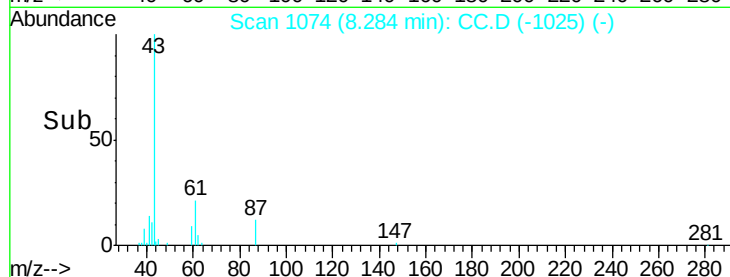
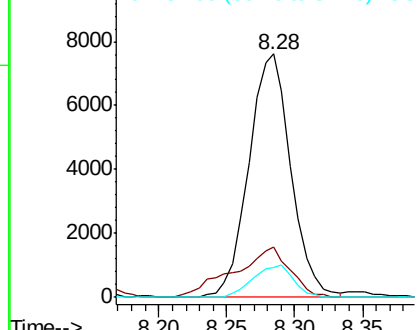
43 100

61 27.5 21.9 32.9

87 12.5 10.0 15.0



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



#44

Trichloroethene

Concen: 4.829 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. -0.01 min

Lab File: CC.D

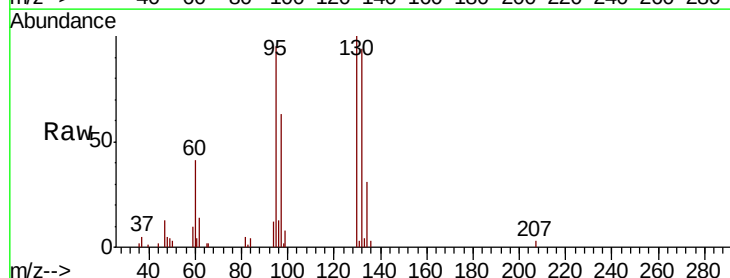
Acq: 02 Nov 2020 09:49

Tgt Ion: 130 Resp: 12078

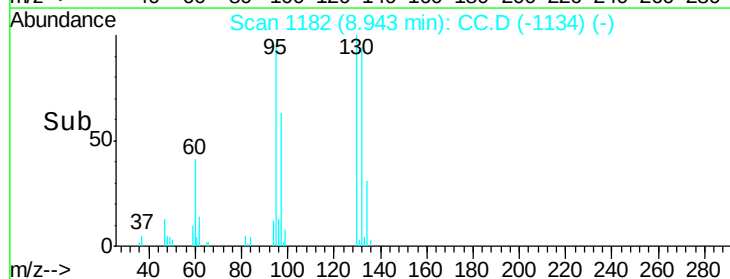
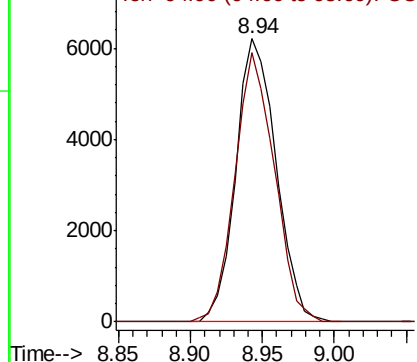
Ion Ratio Lower Upper

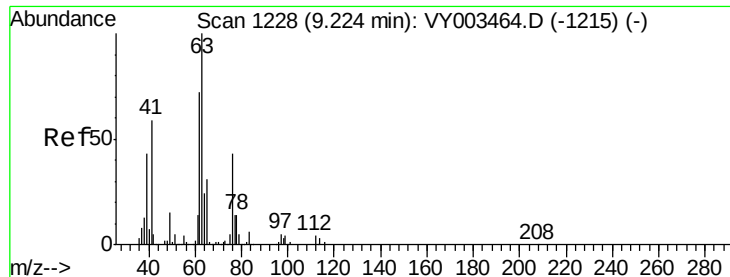
130 100

95 95.2 0.0 186.6



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





#45

1,2-Dichloropropane

Concen: 5.031 ug/l

RT: 9.22 min Scan# 1227

Delta R.T. -0.01 min

Lab File: CC.D

Acq: 02 Nov 2020 09:49

Instrument :

MSVOA_Y

ClientSampleId :

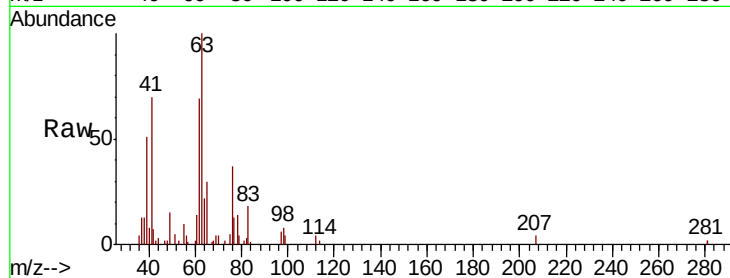
VSTDIC005

Tot Ion: 63 Resp: 10930

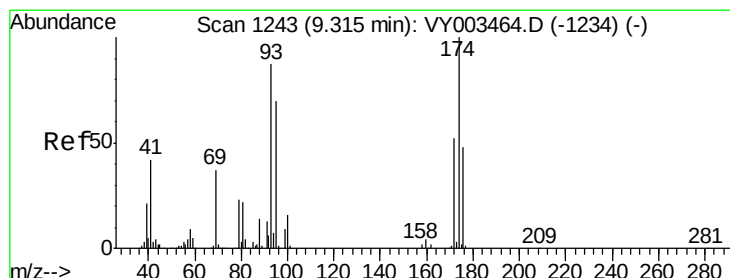
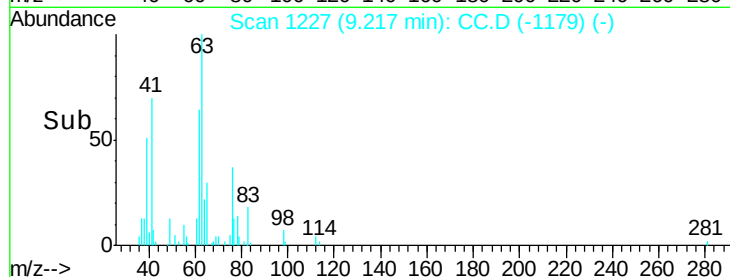
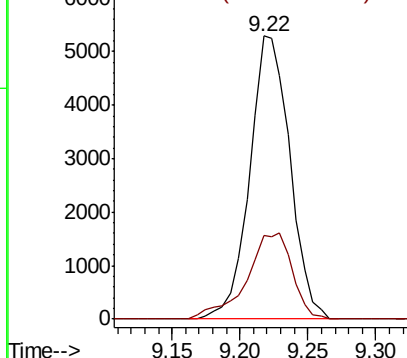
Ion Ratio Lower Upper

63 100

65 29.8 24.6 36.8



Abundance Ion 62.90 (62.60 to 63.60): CC.
Ion 64.90 (64.60 to 65.60): CC.



#46

Dibromomethane

Concen: 4.833 ug/l

RT: 9.31 min Scan# 1243

Delta R.T. -0.00 min

Lab File: CC.D

Acq: 02 Nov 2020 09:49

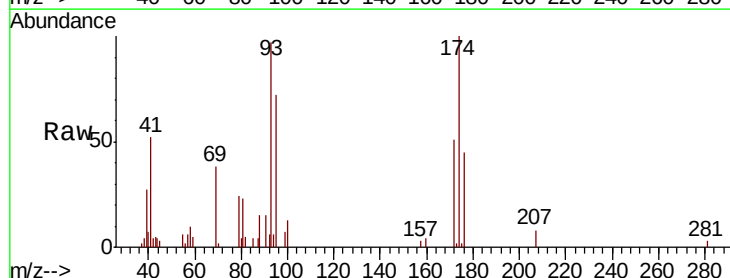
Tgt Ion: 93 Resp: 5926

Ion Ratio Lower Upper

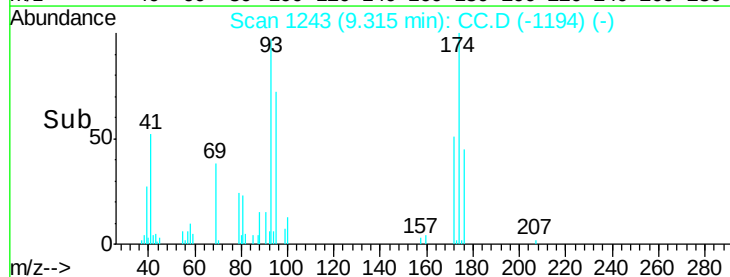
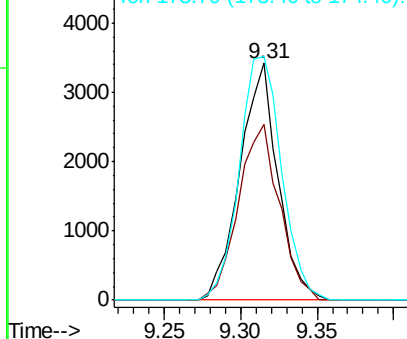
93 100

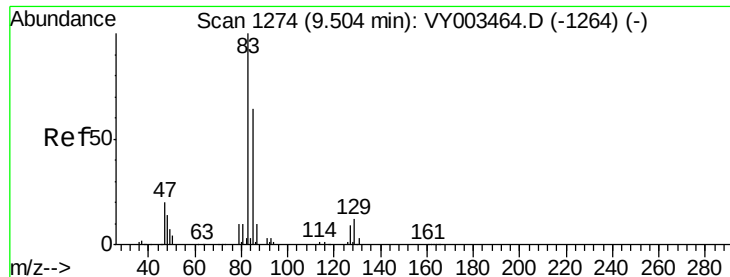
95 79.6 65.0 97.6

174 114.0 91.8 137.6



Abundance Ion 92.80 (92.50 to 93.50): CC.
Ion 94.80 (94.50 to 95.50): CC.
Ion 173.70 (173.40 to 174.40): CC.





#47

Bromodichloromethane

Concen: 4.637 ug/l

RT: 9.50 min Scan# 1274

Delta R.T. -0.00 min

Lab File: CC.D

Acq: 02 Nov 2020 09:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

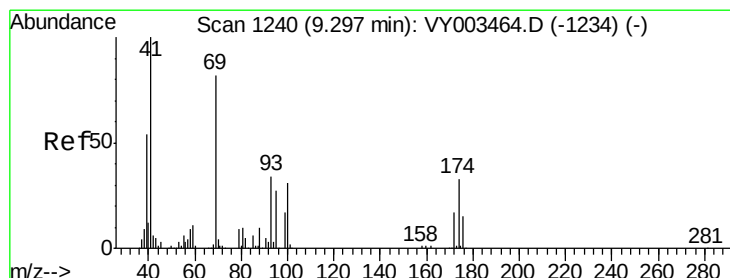
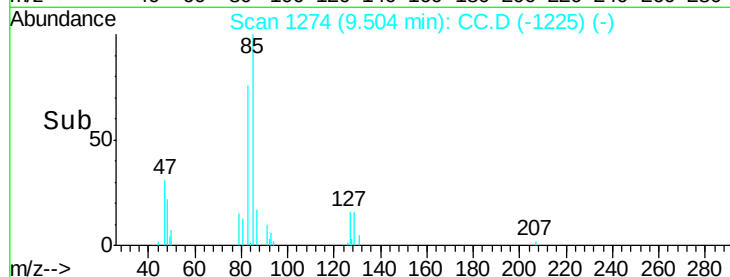
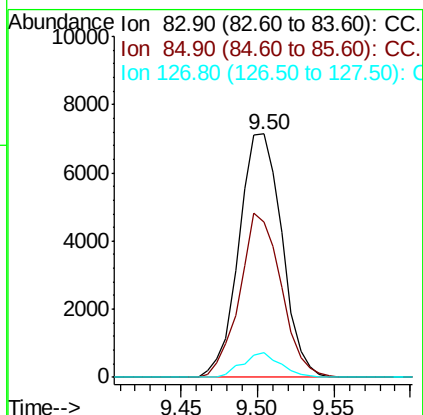
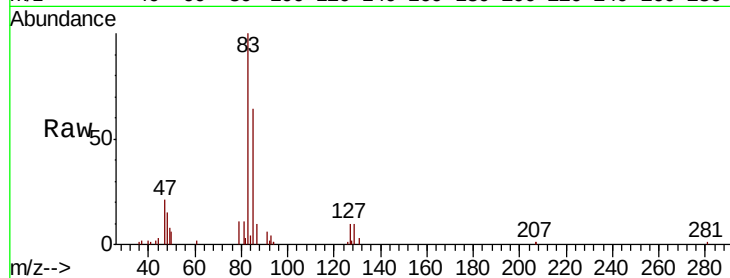
Tot Ion: 83 Resp: 13950

Ion Ratio Lower Upper

83 100

85 63.6 51.0 76.6

127 10.2 7.1 10.7



#48

Methyl methacrylate

Concen: 4.573 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. -0.00 min

Lab File: CC.D

Acq: 02 Nov 2020 09:49

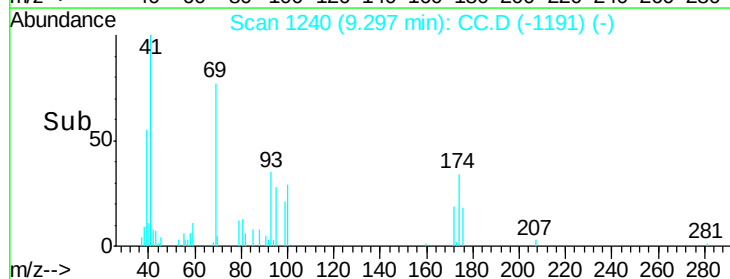
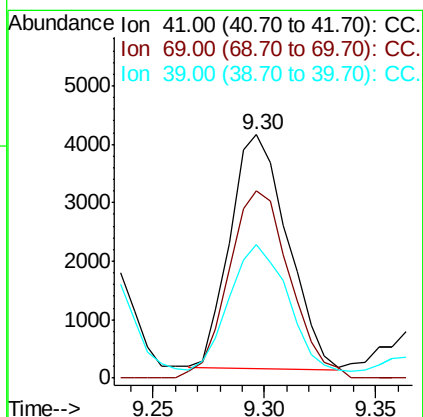
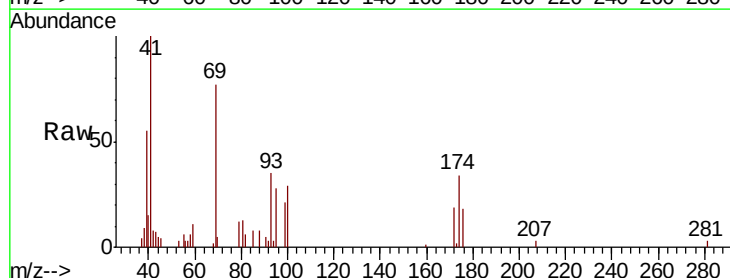
Tgt Ion: 41 Resp: 7213

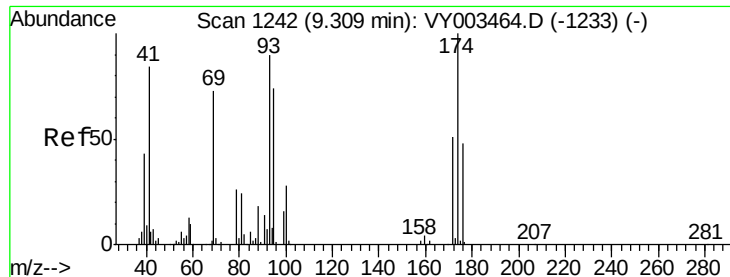
Ion Ratio Lower Upper

41 100

69 84.8 65.9 98.9

39 61.5 43.2 64.8





#49

1,4-Dioxane

Concen: 88.460 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. -0.00 min

Lab File: CC.D

Acq: 02 Nov 2020 09:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

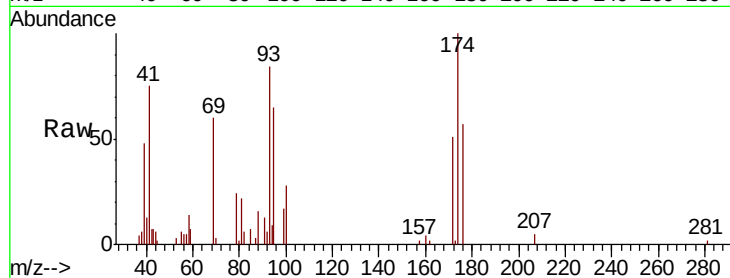
Tot Ion: 88 Resp: 1292

Ion Ratio Lower Upper

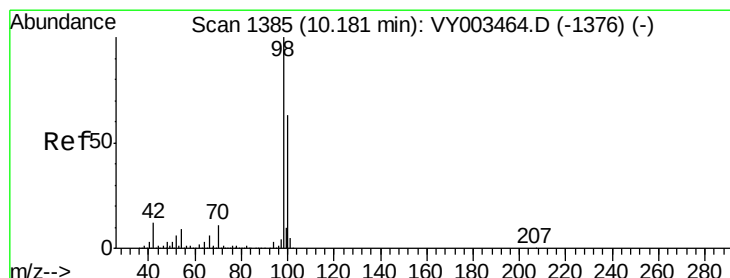
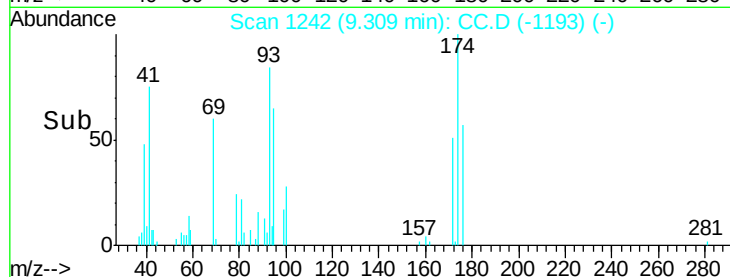
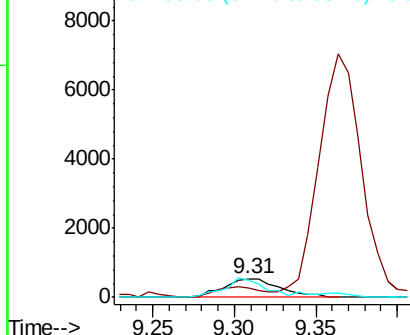
88 100

43 50.5 27.6 41.4#

58 71.7 54.2 81.2



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



#50

Toluene-d8

Concen: 4.923 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: CC.D

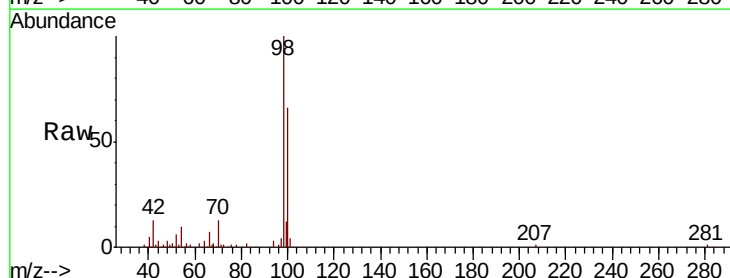
Acq: 02 Nov 2020 09:49

Tgt Ion: 98 Resp: 39591

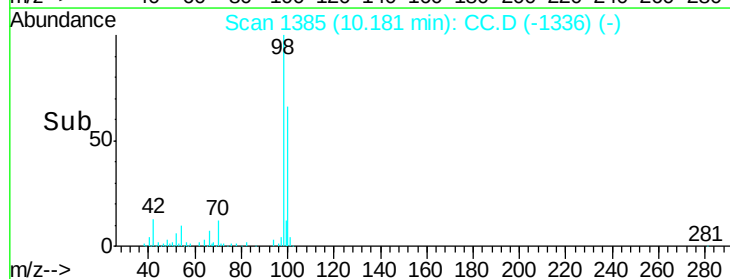
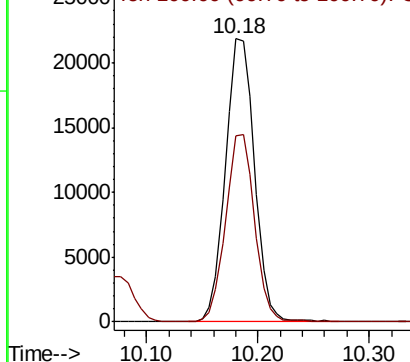
Ion Ratio Lower Upper

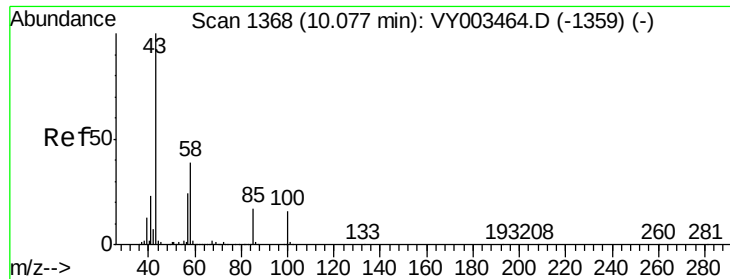
98 100

100 65.8 50.9 76.3



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





#51

4-Methyl-2-Pentanone

Concen: 23.735 ug/l

RT: 10.08 min Scan# 1368

Delta R.T. -0.00 min

Lab File: CC.D

Acq: 02 Nov 2020 09:49

Instrument :

MSVOA_Y

ClientSampled :

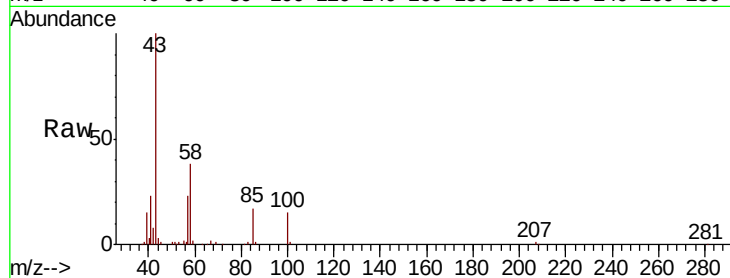
VSTDIC005

Tot Ion: 43 Resp: 42098

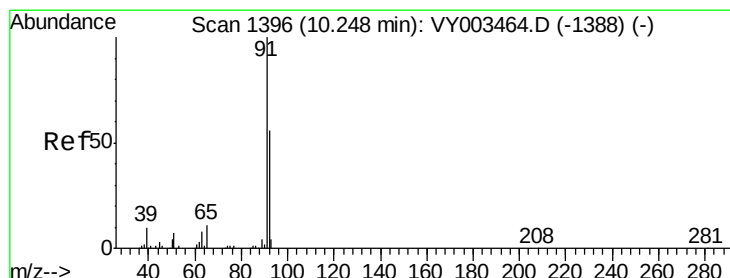
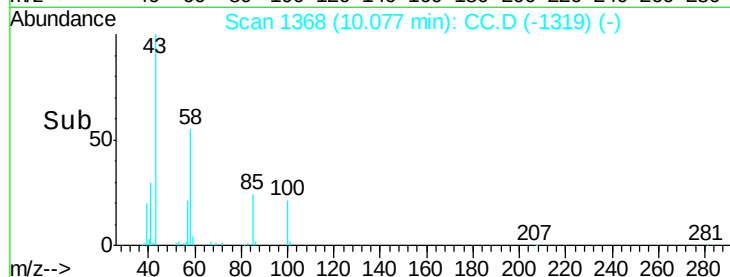
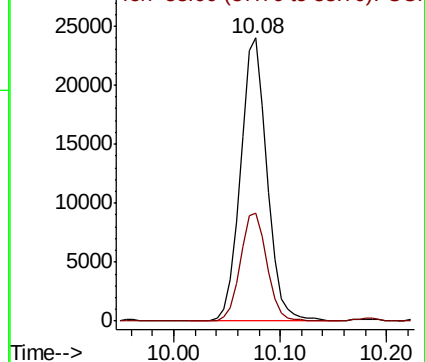
Ion Ratio Lower Upper

43 100

58 38.0 31.0 46.4



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



#52

Toluene

Concen: 4.733 ug/l

RT: 10.25 min Scan# 1396

Delta R.T. -0.00 min

Lab File: CC.D

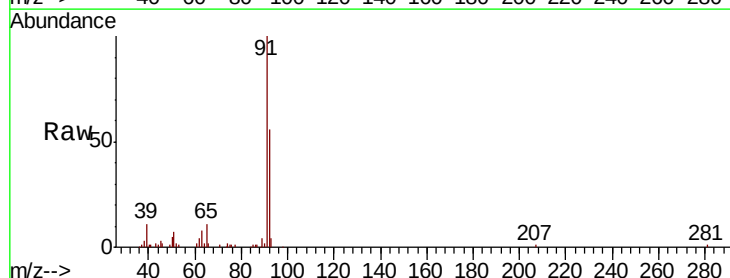
Acq: 02 Nov 2020 09:49

Tgt Ion: 92 Resp: 25953

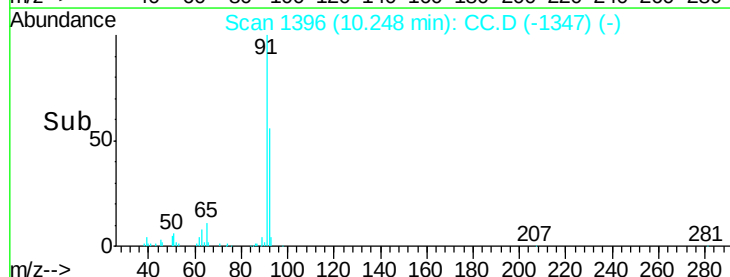
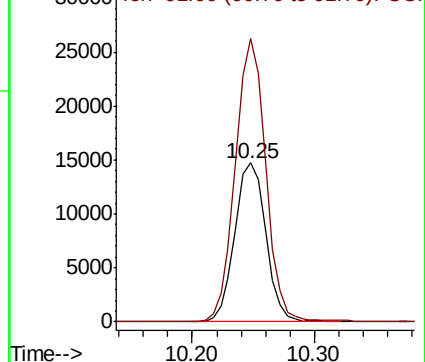
Ion Ratio Lower Upper

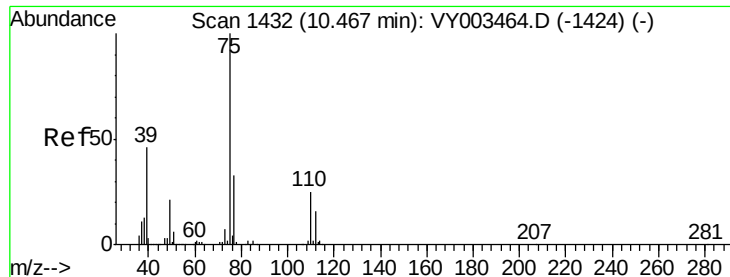
92 100

91 173.8 140.2 210.4



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





#53

t-1,3-Dichloropropene

Concen: 4.636 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.00 min

Lab File: CC.D

Acq: 02 Nov 2020 09:49

Instrument :

MSVOA_Y

ClientSampleId :

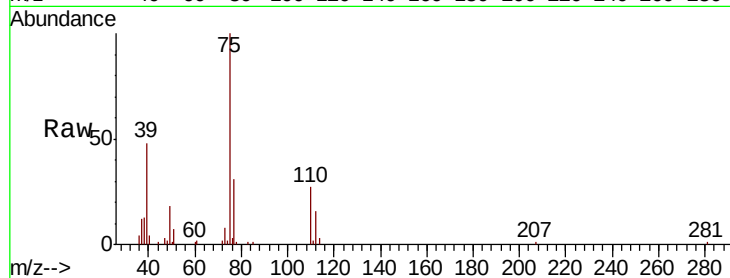
VSTDIC005

Tot Ion: 75 Resp: 14830

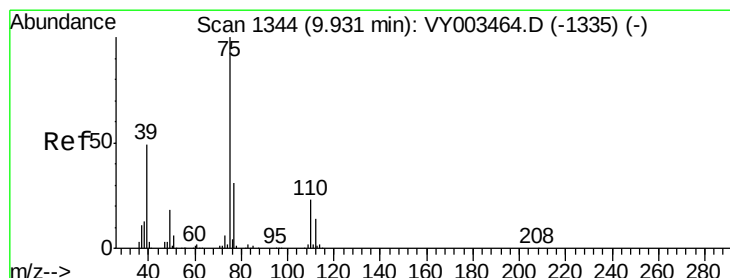
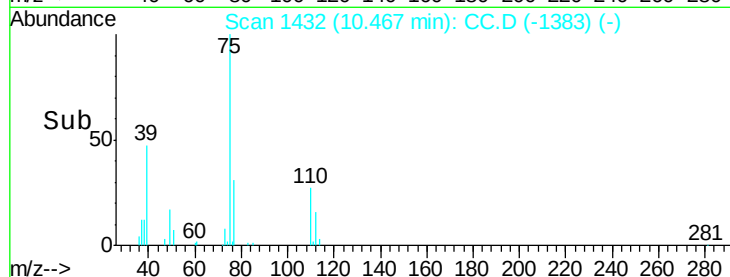
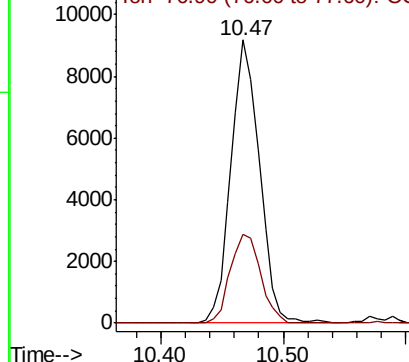
Ion Ratio Lower Upper

75 100

77 31.3 26.2 39.4



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



#54

cis-1,3-Dichloropropene

Concen: 4.675 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. -0.00 min

Lab File: CC.D

Acq: 02 Nov 2020 09:49

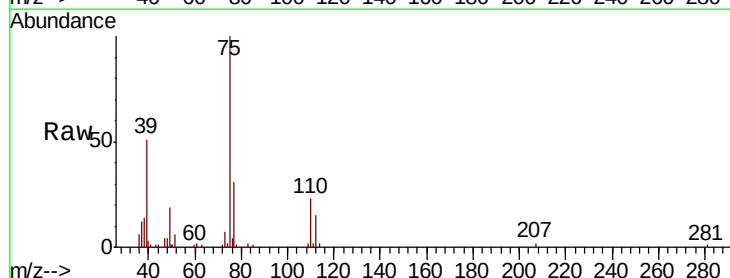
Tgt Ion: 75 Resp: 16735

Ion Ratio Lower Upper

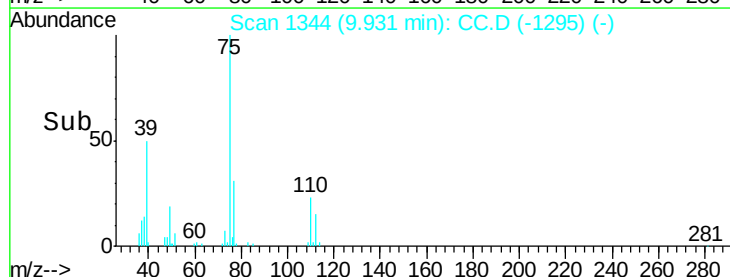
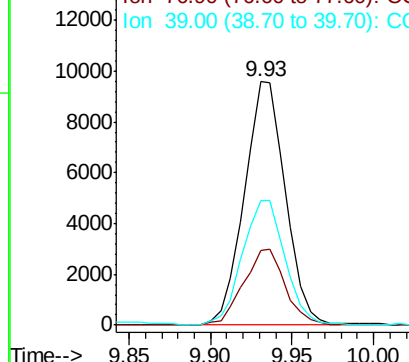
75 100

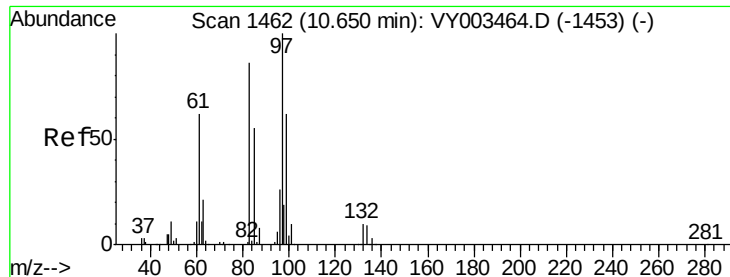
77 30.8 24.5 36.7

39 51.0 39.0 58.4



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.

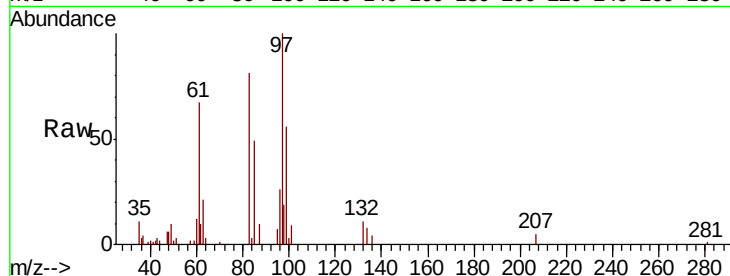




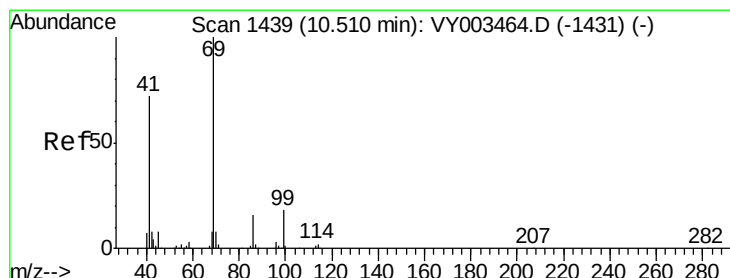
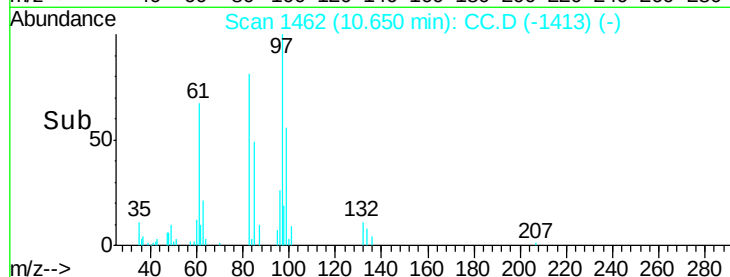
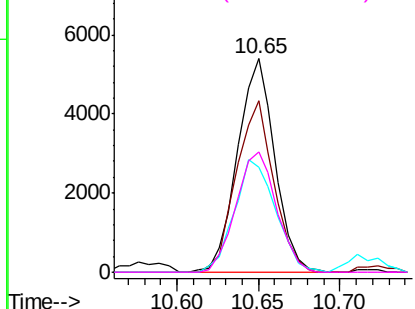
#55
 1,1,2-Trichloroethane
 Concen: 4.912 ug/l
 RT: 10.65 min Scan# 1462
 Delta R.T. -0.00 min
 Lab File: CC.D
 Acq: 02 Nov 2020 09:49

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

Tot Ion: 97 Resp: 8589
 Ion Ratio Lower Upper
 97 100
 83 80.5 68.6 102.8
 85 49.1 43.8 65.6
 99 56.3 49.9 74.9

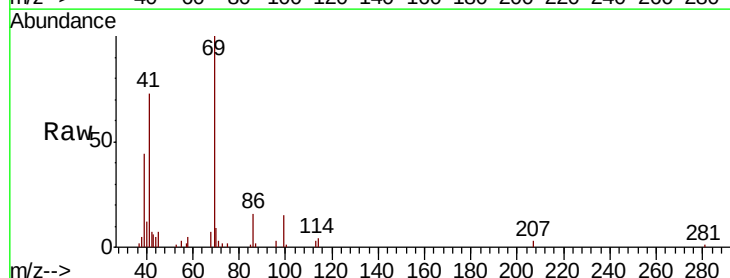


Abundance Ion 96.90 (96.60 to 97.60): CC.
 Ion 82.90 (82.60 to 83.60): CC.
 Ion 84.90 (84.60 to 85.60): CC.
 Ion 98.90 (98.60 to 99.60): CC.

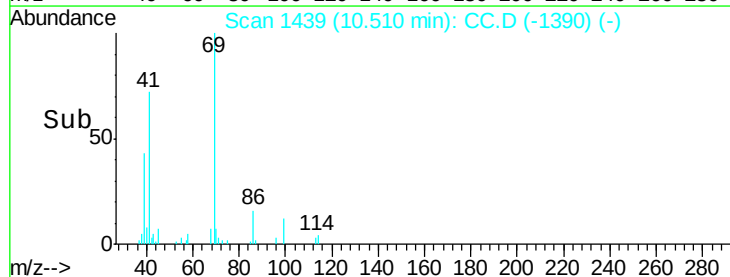
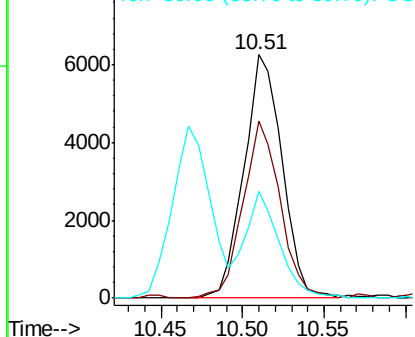


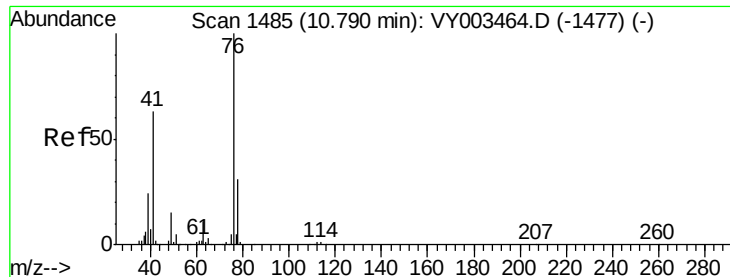
#56
 Ethyl methacrylate
 Concen: 4.341 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: CC.D
 Acq: 02 Nov 2020 09:49

Tgt Ion: 69 Resp: 10195
 Ion Ratio Lower Upper
 69 100
 41 71.3 55.4 83.2
 39 39.9 28.7 43.1



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





#57

1,3-Dichloropropane

Concen: 4.692 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. -0.00 min

Lab File: CC.D

Acq: 02 Nov 2020 09:49

Instrument :

MSVOA_Y

ClientSampleId :

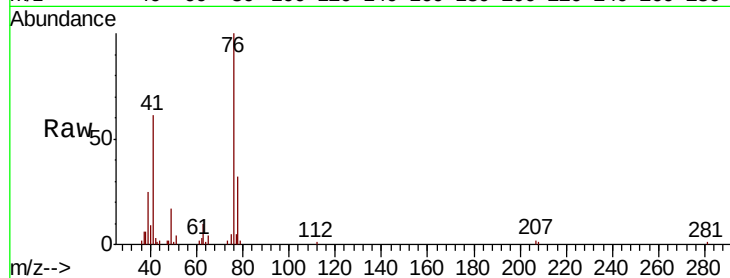
VSTDIC005

Tot Ion: 76 Resp: 14213

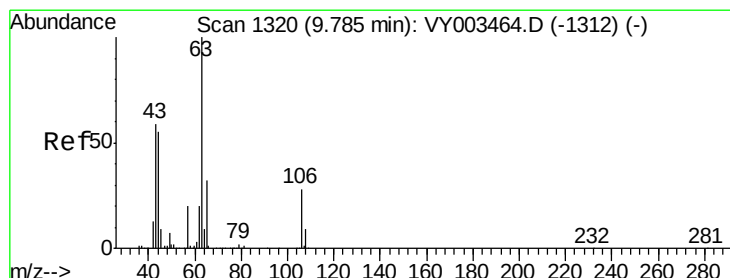
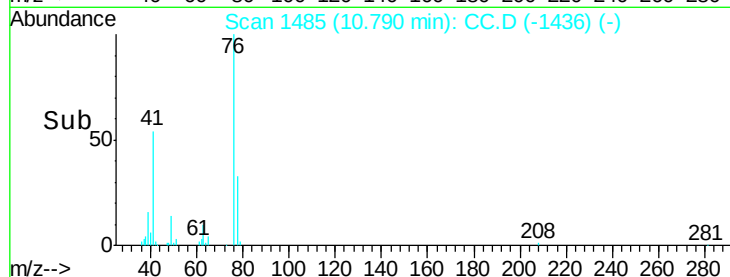
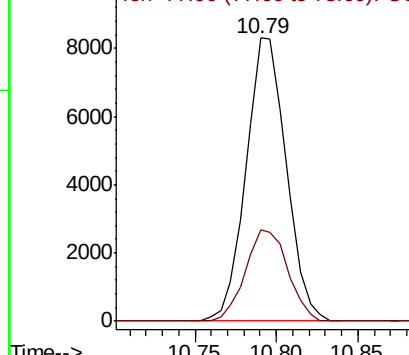
Ion Ratio Lower Upper

76 100

78 33.7 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): CC.
Ion 77.90 (77.60 to 78.60): CC.



#58

2-Chloroethyl Vinyl ether

Concen: 20.563 ug/l

RT: 9.79 min Scan# 1321

Delta R.T. 0.01 min

Lab File: CC.D

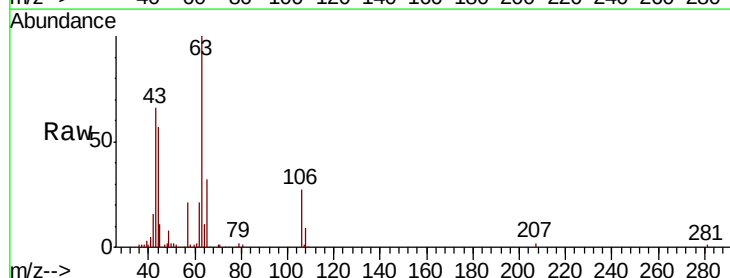
Acq: 02 Nov 2020 09:49

Tgt Ion: 63 Resp: 25116

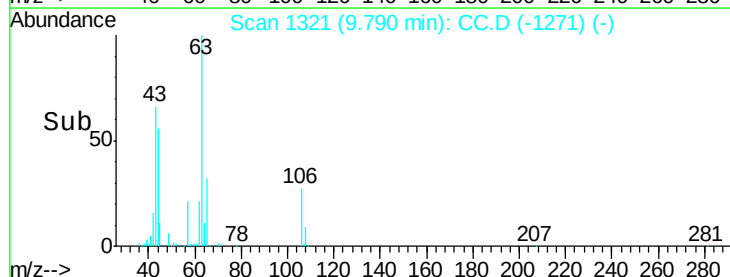
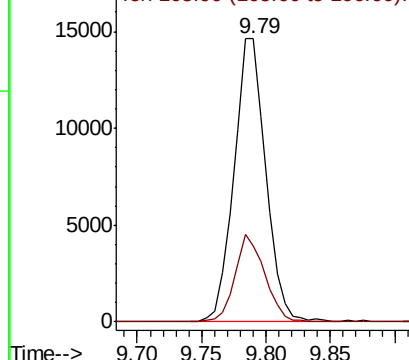
Ion Ratio Lower Upper

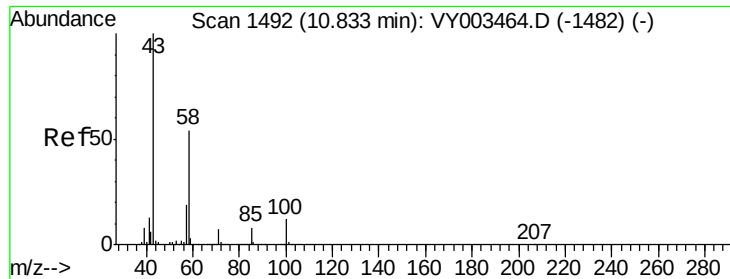
63 100

106 28.8 22.3 33.5



Abundance Ion 62.90 (62.60 to 63.60): CC.
Ion 105.90 (105.60 to 106.60): C

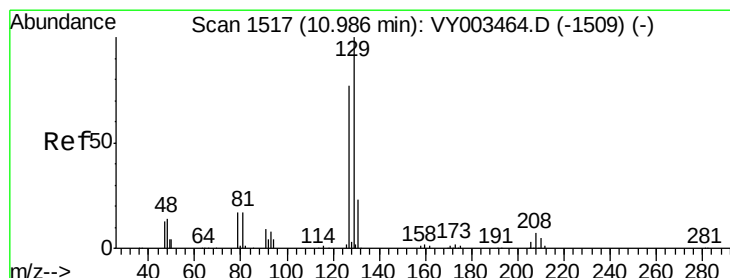
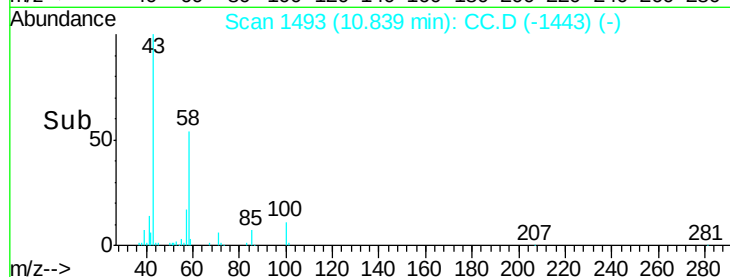
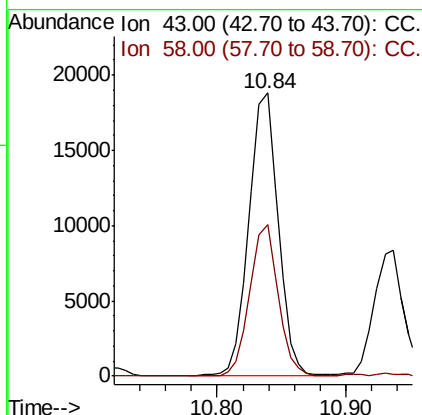
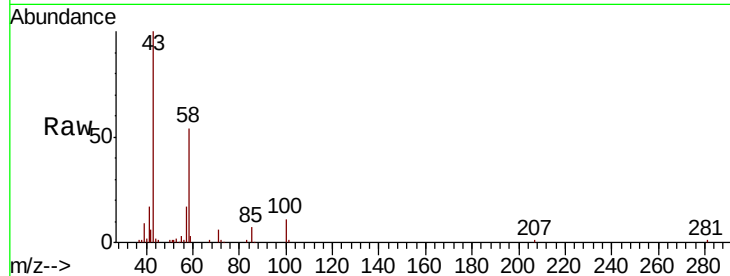




#59
2-Hexanone
Concen: 23.487 ug/l
RT: 10.84 min Scan# 1493
Delta R.T. 0.01 min
Lab File: CC.D
Acq: 02 Nov 2020 09:49

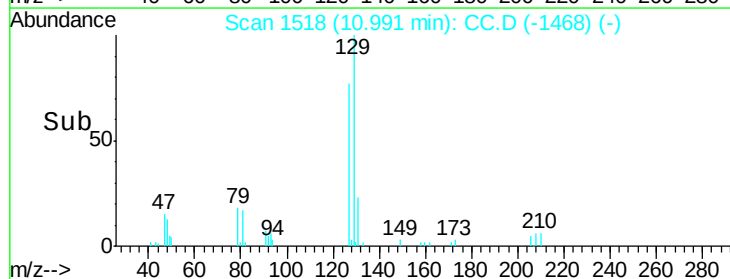
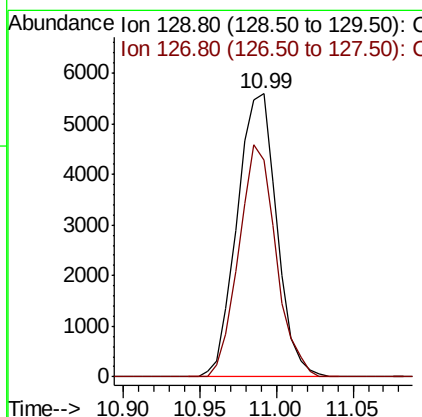
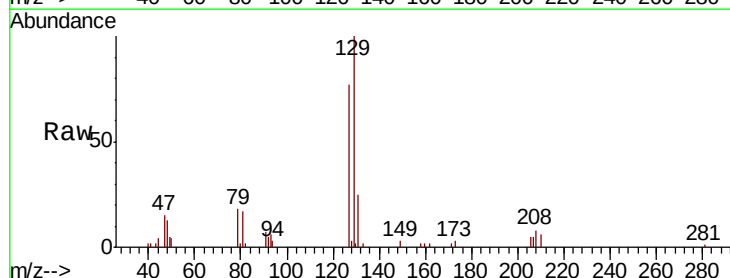
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

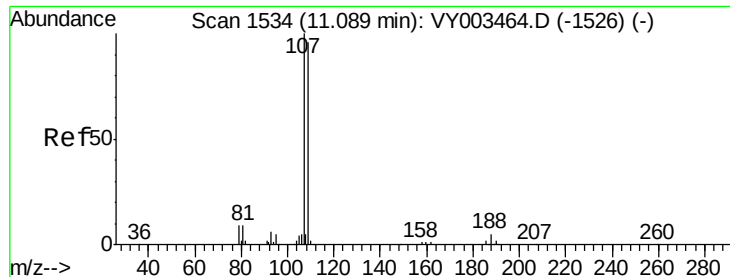
Tot Ion: 43 Resp: 29698
Ion Ratio Lower Upper
43 100
58 51.7 26.8 80.3



#60
Dibromochloromethane
Concen: 4.562 ug/l
RT: 10.99 min Scan# 1518
Delta R.T. 0.01 min
Lab File: CC.D
Acq: 02 Nov 2020 09:49

Tgt Ion: 129 Resp: 10056
Ion Ratio Lower Upper
129 100
127 76.9 38.8 116.3

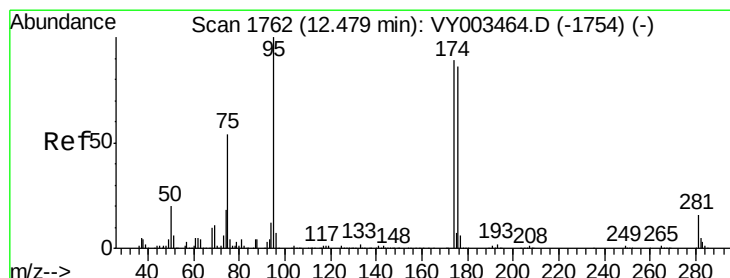
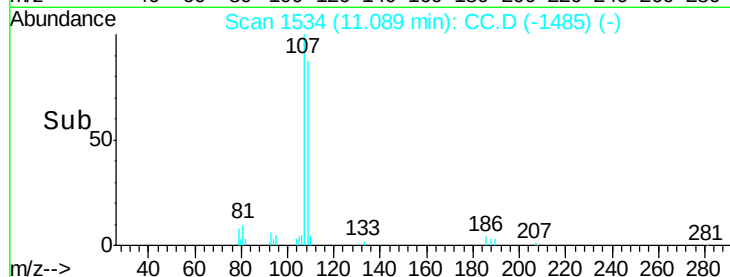
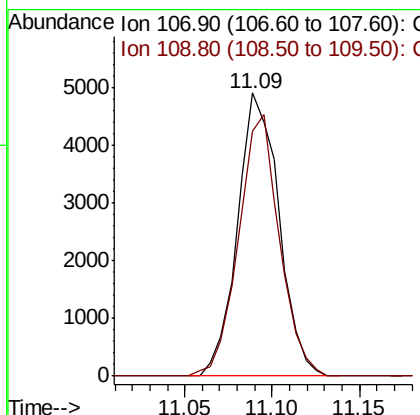
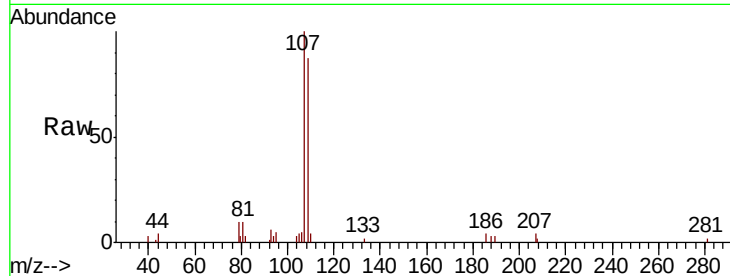




#61
 1,2-Dibromoethane
 Concen: 4.806 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: CC.D
 Acq: 02 Nov 2020 09:49

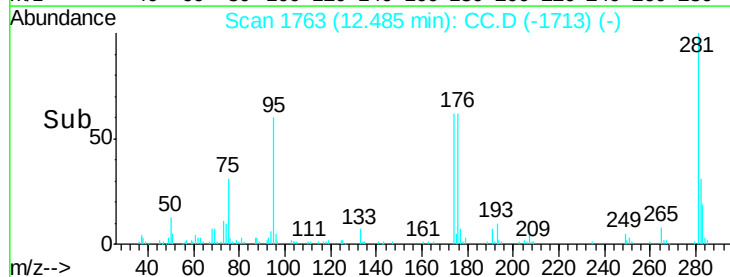
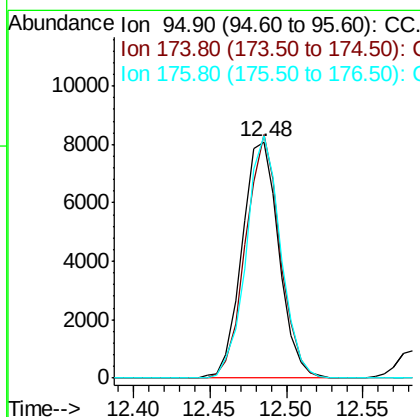
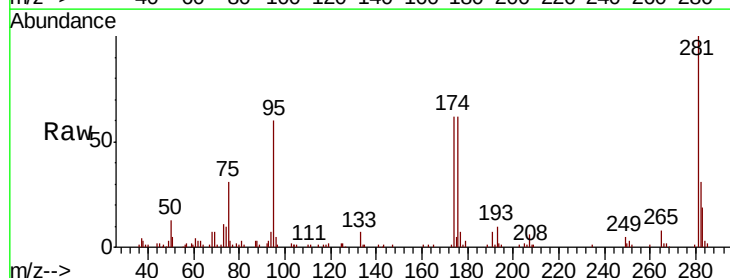
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

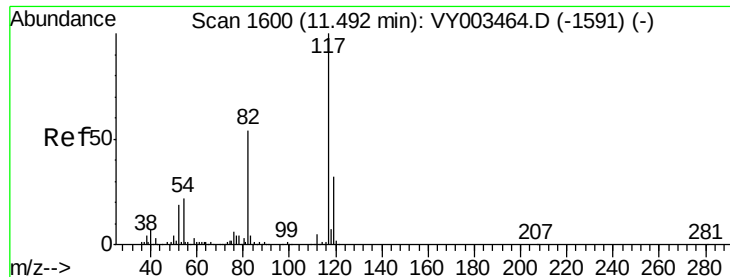
Tot Ion:107 Resp: 8082
 Ion Ratio Lower Upper
 107 100
 109 90.9 76.5 114.7



#62
 4-Bromofluorobenzene
 Concen: 4.922 ug/l
 RT: 12.48 min Scan# 1763
 Delta R.T. 0.01 min
 Lab File: CC.D
 Acq: 02 Nov 2020 09:49

Tgt Ion: 95 Resp: 13565
 Ion Ratio Lower Upper
 95 100
 174 95.7 0.0 193.0
 176 95.8 0.0 187.4

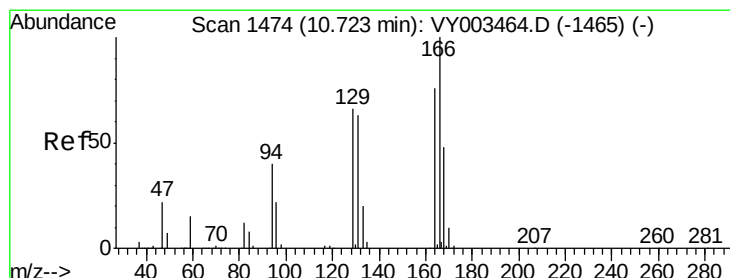
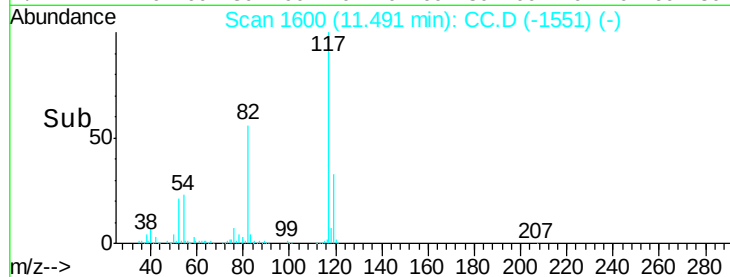
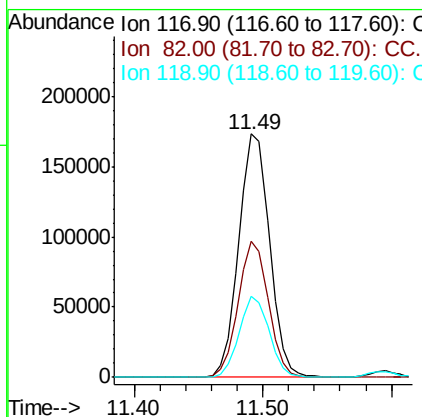
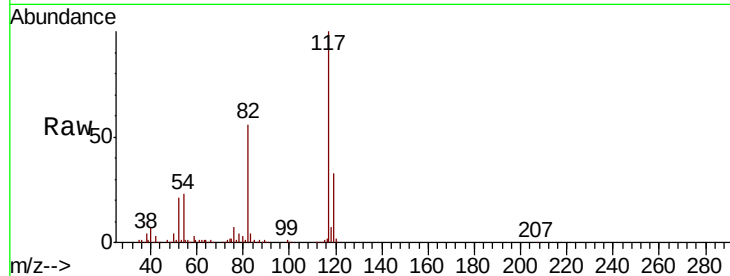




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: CC.D
Acq: 02 Nov 2020 09:49

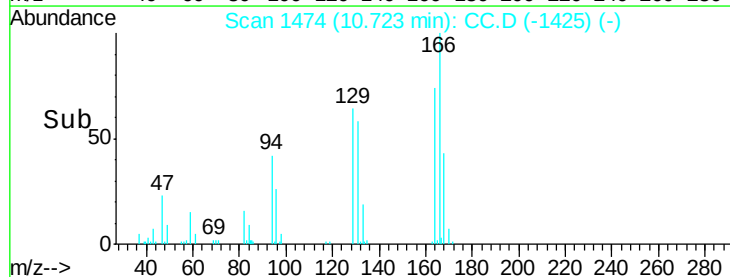
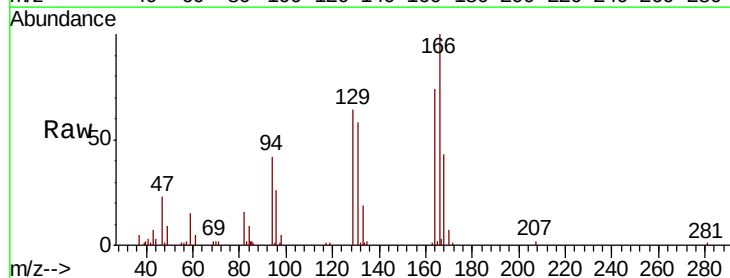
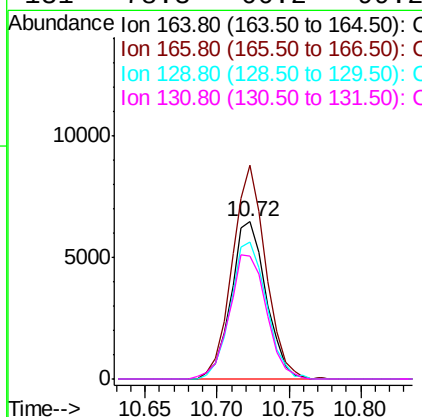
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

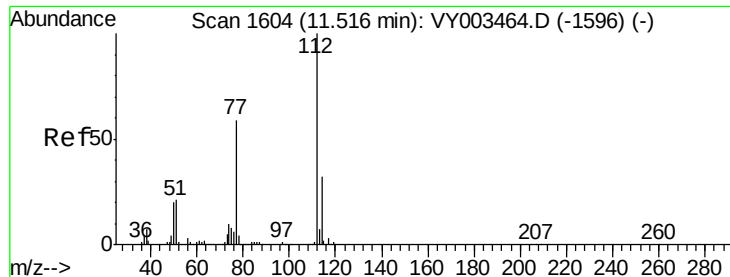
Tot Ion	Ratio	Lower	Upper
117	100		
82	55.7	43.4	65.2
119	33.4	25.8	38.6



#64
Tetrachloroethene
Concen: 4.358 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. -0.00 min
Lab File: CC.D
Acq: 02 Nov 2020 09:49

Tgt Ion	Ratio	Lower	Upper
164	100		
166	135.9	104.9	157.3
129	87.2	68.9	103.3
131	78.3	66.2	99.2

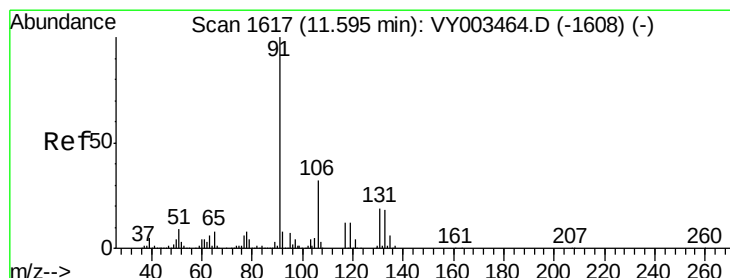
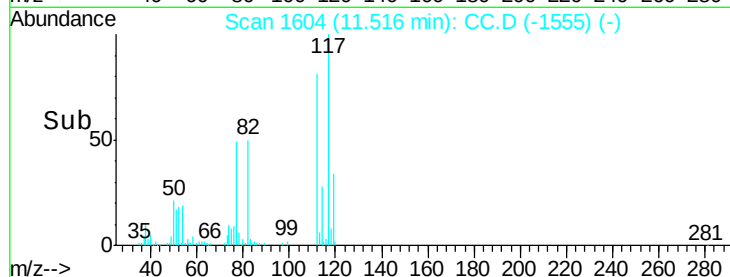
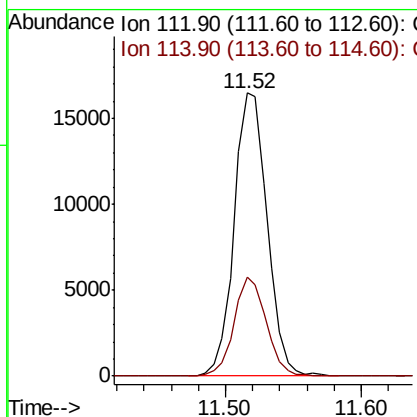
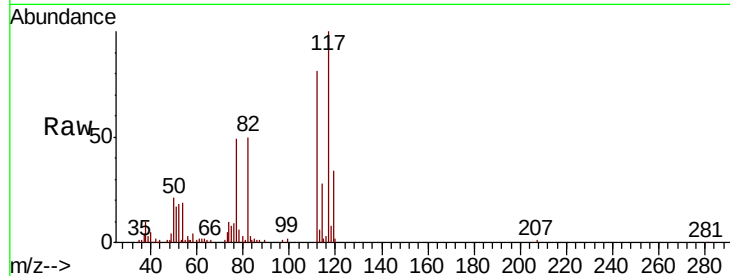




#65
Chlorobenzene
Concen: 4.856 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: CC.D
Acq: 02 Nov 2020 09:49

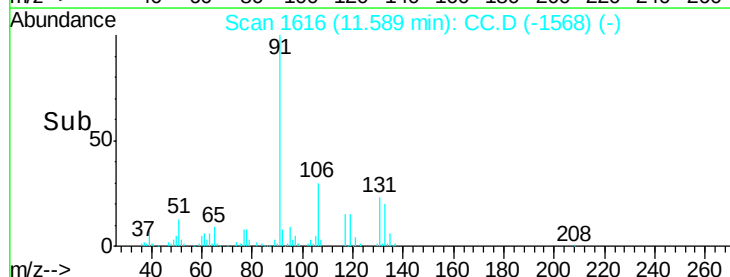
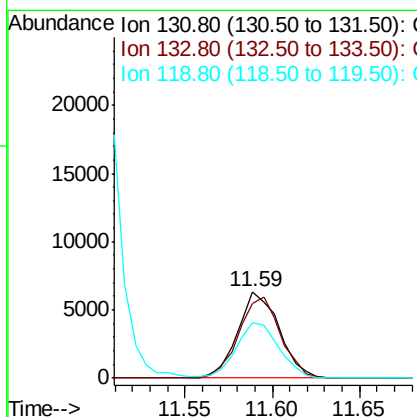
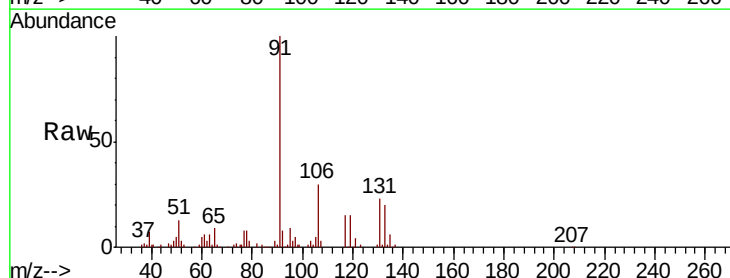
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

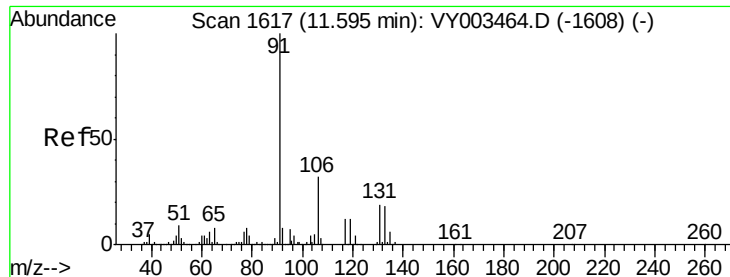
Tot Ion:112 Resp: 27842
Ion Ratio Lower Upper
112 100
114 35.0 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 4.784 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.01 min
Lab File: CC.D
Acq: 02 Nov 2020 09:49

Tgt Ion:131 Resp: 10400
Ion Ratio Lower Upper
131 100
133 94.8 47.4 142.2
119 66.6 31.6 95.0

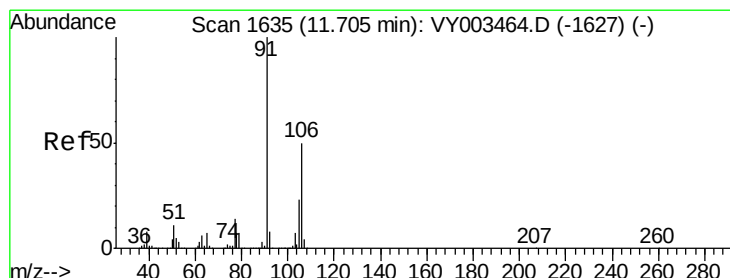
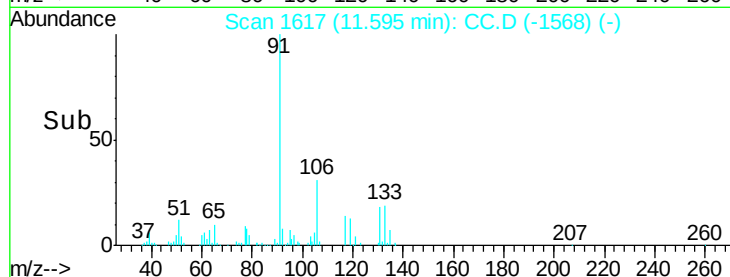
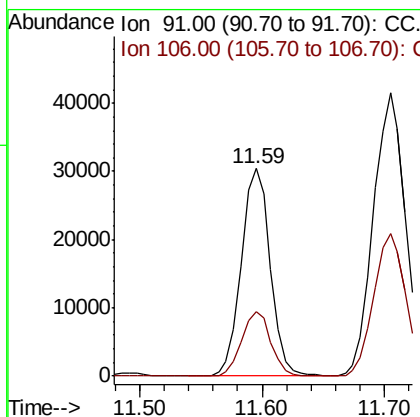
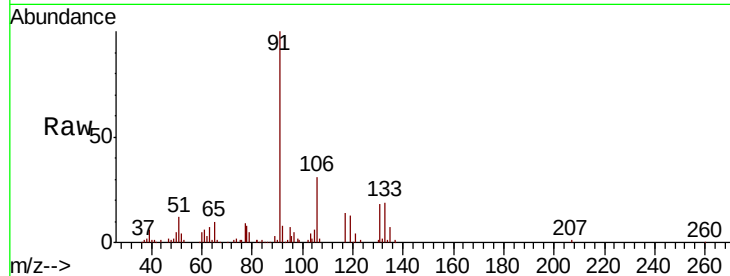




#67
Ethyl Benzene
Concen: 4.871 ug/l
RT: 11.59 min Scan# 1617
Delta R.T. -0.00 min
Lab File: CC.D
Acq: 02 Nov 2020 09:49

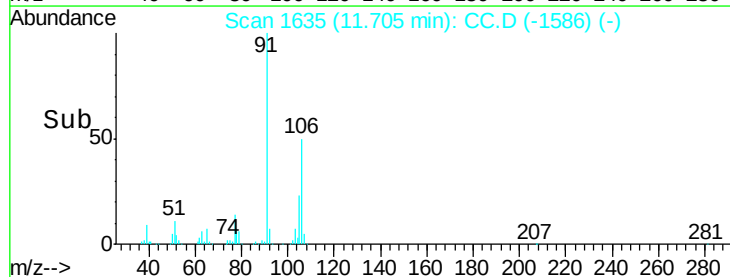
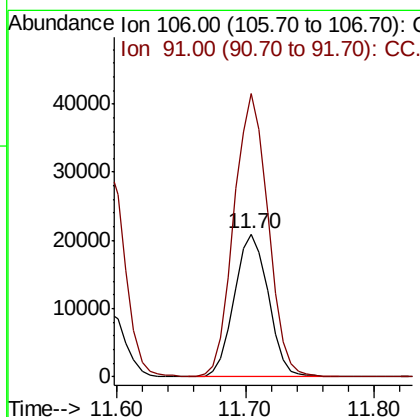
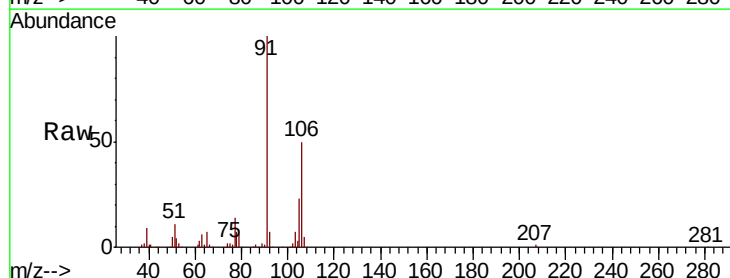
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

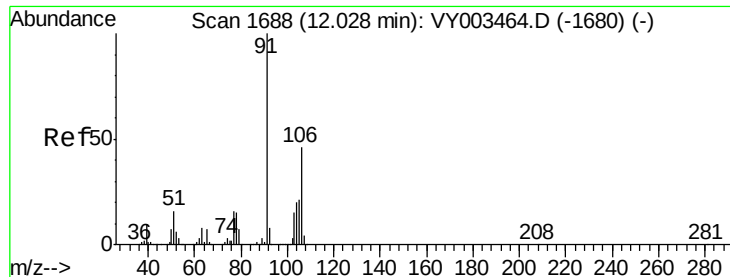
Tot Ion: 91 Resp: 50043
Ion Ratio Lower Upper
91 100
106 30.8 25.4 38.0



#68
m/p-Xylenes
Concen: 9.789 ug/l
RT: 11.70 min Scan# 1635
Delta R.T. -0.00 min
Lab File: CC.D
Acq: 02 Nov 2020 09:49

Tgt Ion: 106 Resp: 38357
Ion Ratio Lower Upper
106 100
91 199.1 161.0 241.6

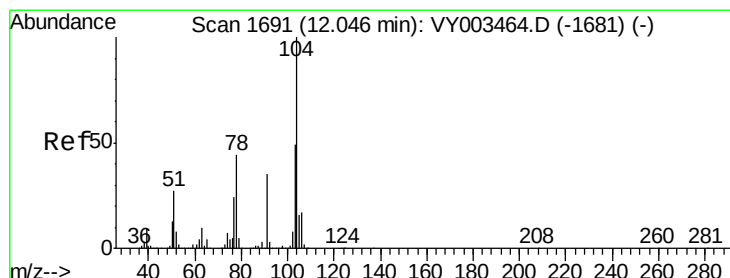
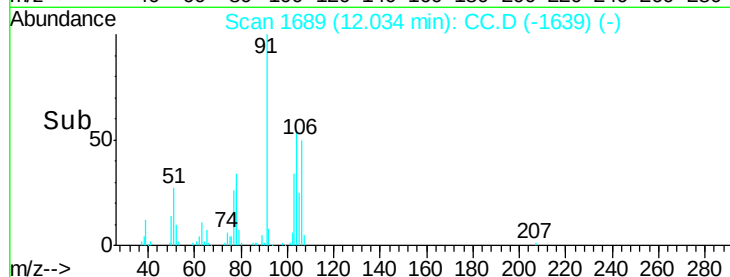
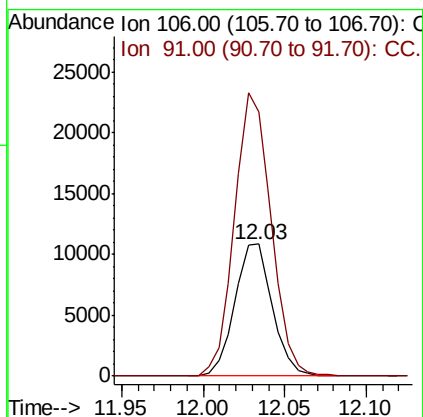
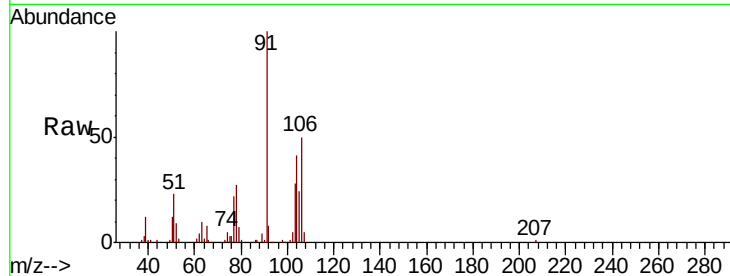




#69
o-Xylene
Concen: 4.733 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. 0.01 min
Lab File: CC.D
Acq: 02 Nov 2020 09:49

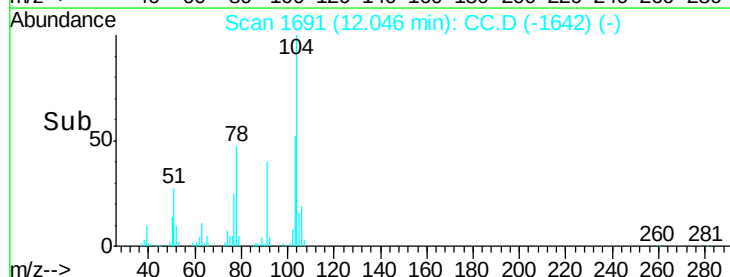
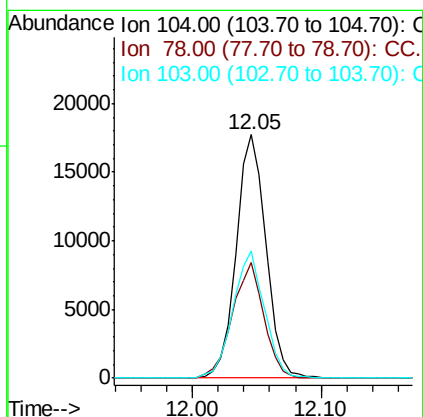
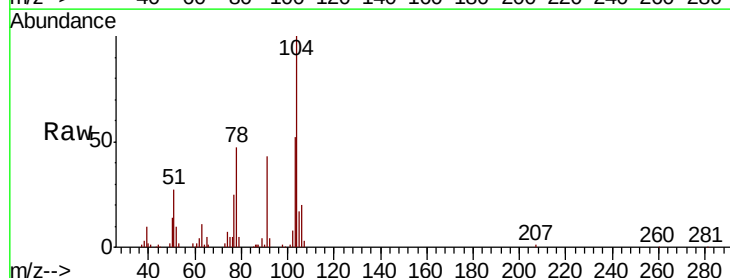
Instrument :
MSVOA_Y
ClientSampled :
VSTDIC005

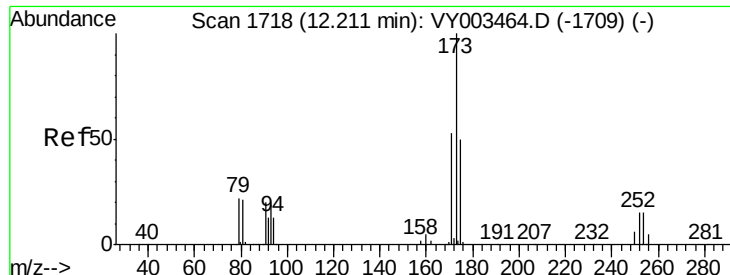
Tot Ion:106 Resp: 17372
Ion Ratio Lower Upper
106 100
91 209.7 105.5 316.5



#70
Styrene
Concen: 4.539 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. -0.00 min
Lab File: CC.D
Acq: 02 Nov 2020 09:49

Tgt Ion:104 Resp: 28292
Ion Ratio Lower Upper
104 100
78 50.5 39.5 59.3
103 55.5 44.2 66.2

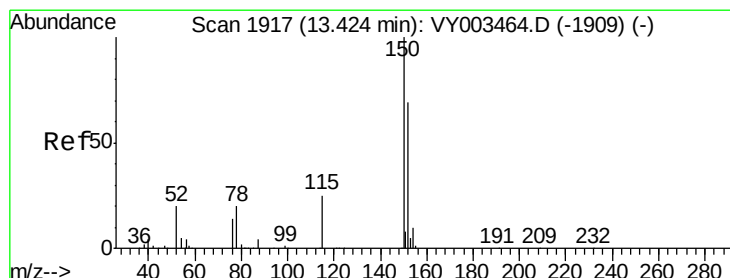
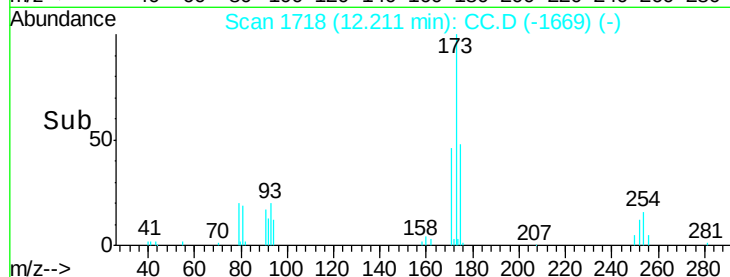
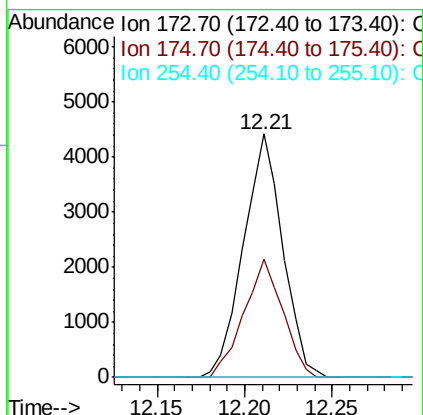
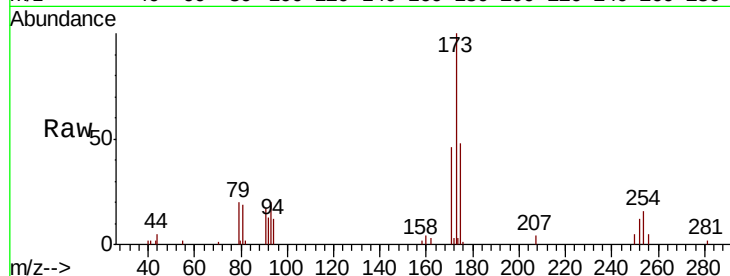




#71
Bromoform
Concen: 4.747 ug/l
RT: 12.21 min Scan# 1718
Delta R.T. -0.00 min
Lab File: CC.D
Acq: 02 Nov 2020 09:49

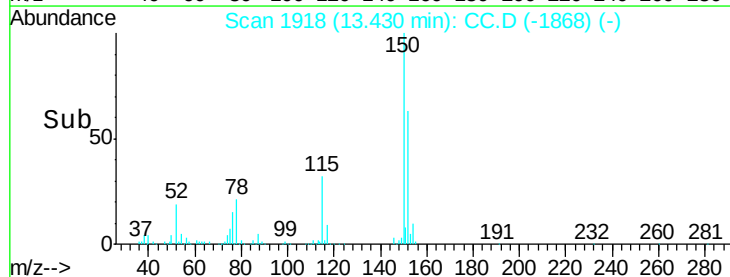
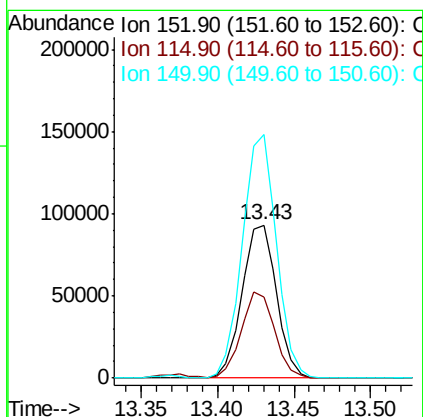
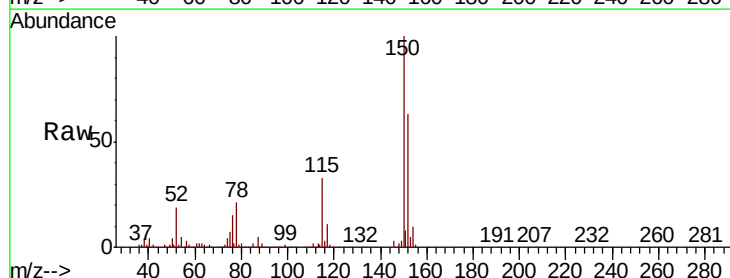
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

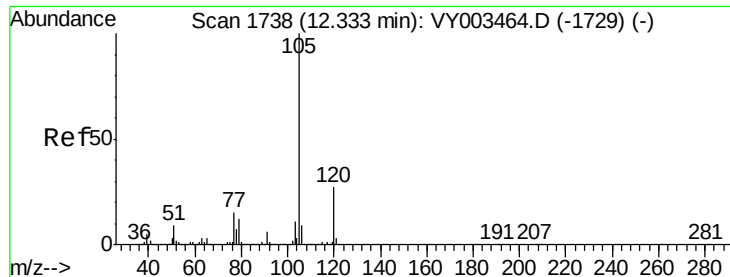
Tot Ion:173 Resp: 6886
Ion Ratio Lower Upper
173 100
175 48.0 24.7 74.1
254 0.0 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. 0.01 min
Lab File: CC.D
Acq: 02 Nov 2020 09:49

Tgt Ion:152 Resp: 145289
Ion Ratio Lower Upper
152 100
115 54.6 27.5 82.4
150 158.2 0.0 345.8





#73

Isopropylbenzene

Concen: 5.067 ug/l

RT: 12.33 min Scan# 1738

Delta R.T. -0.00 min

Lab File: CC.D

Acq: 02 Nov 2020 09:49

Instrument :

MSVOA_Y

ClientSampleId :

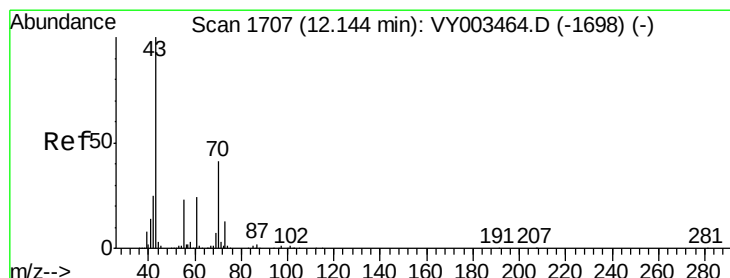
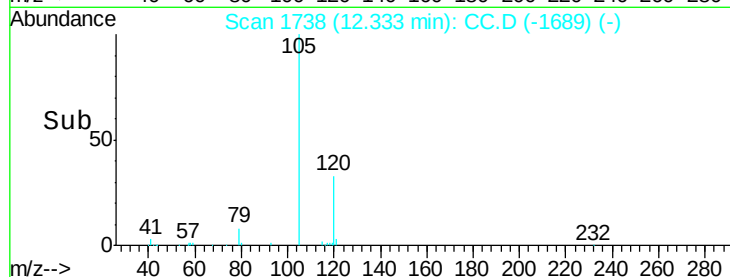
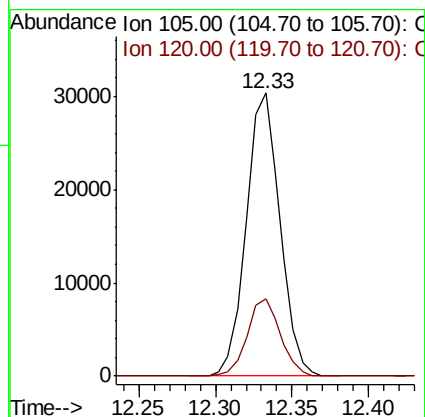
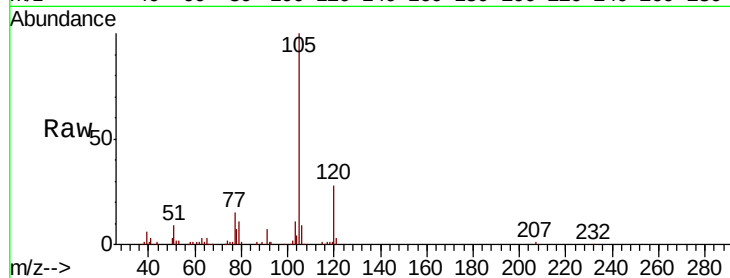
VSTDIC005

Tot Ion: 105 Resp: 46468

Ion Ratio Lower Upper

105 100

120 26.9 13.5 40.5



#74

N-ethyl acetate

Concen: 4.849 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.00 min

Lab File: CC.D

Acq: 02 Nov 2020 09:49

Tgt Ion: 43 Resp: 12730

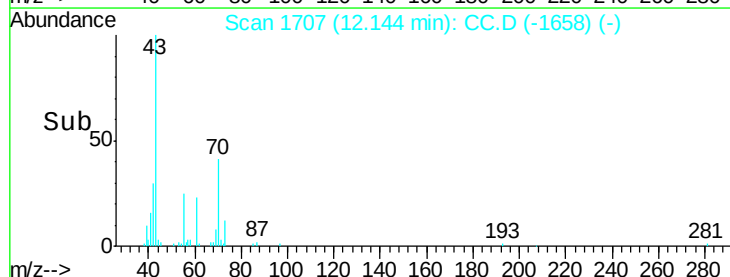
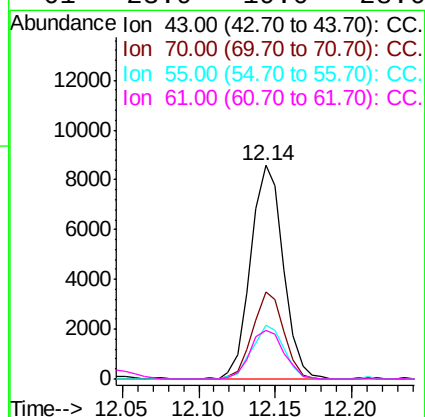
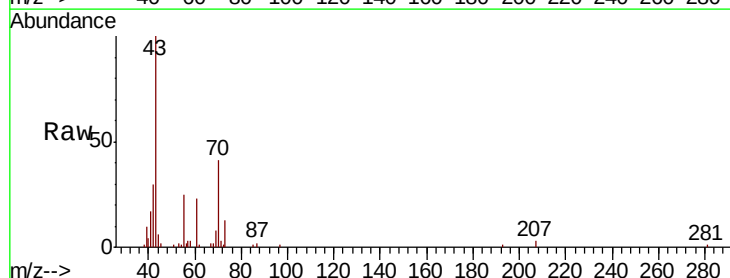
Ion Ratio Lower Upper

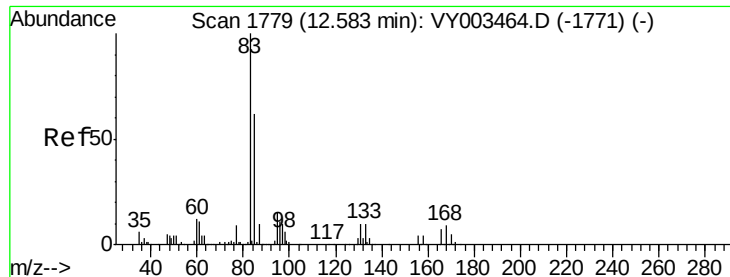
43 100

70 38.9 33.1 49.7

55 25.0 19.2 28.8

61 23.9 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 5.727 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: CC.D

Acq: 02 Nov 2020 09:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

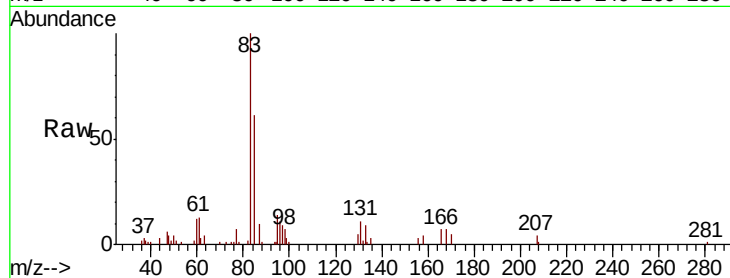
Tot Ion: 83 Resp: 10300

Ion Ratio Lower Upper

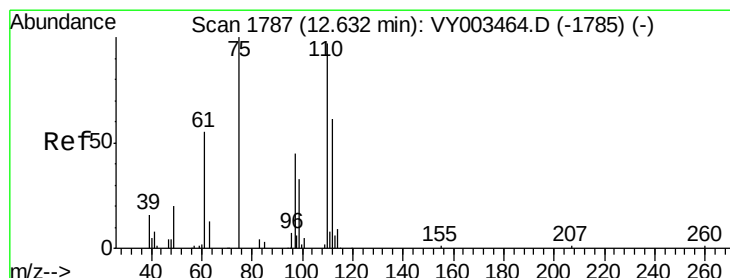
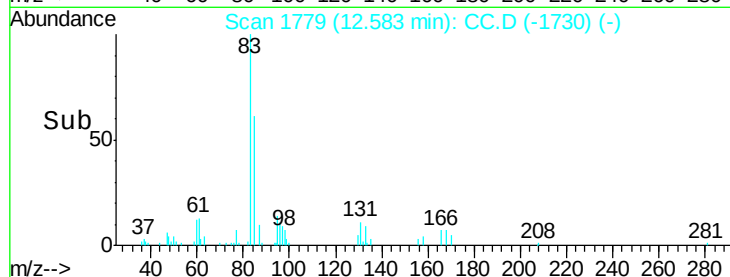
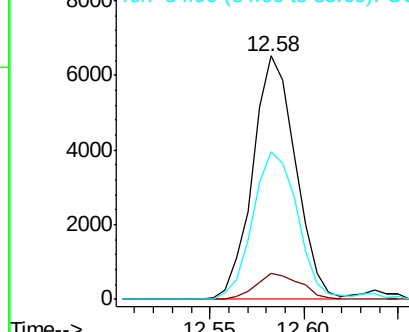
83 100

131 11.1 5.4 16.2

85 63.1 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): CC.
Ion 130.80 (130.50 to 131.50): CC.
Ion 84.90 (84.60 to 85.60): CC.



#76

1,2,3-Trichloropropane

Concen: 10.154 ug/l

RT: 12.64 min Scan# 1788

Delta R.T. 0.01 min

Lab File: CC.D

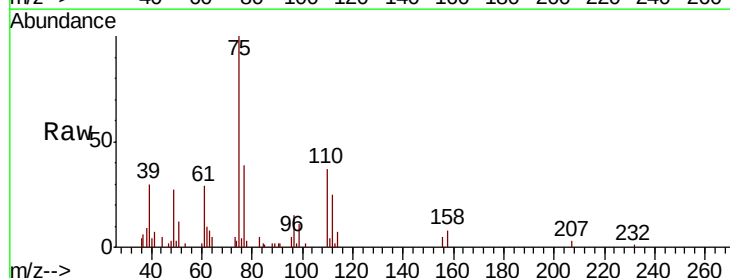
Acq: 02 Nov 2020 09:49

Tgt Ion: 75 Resp: 13220

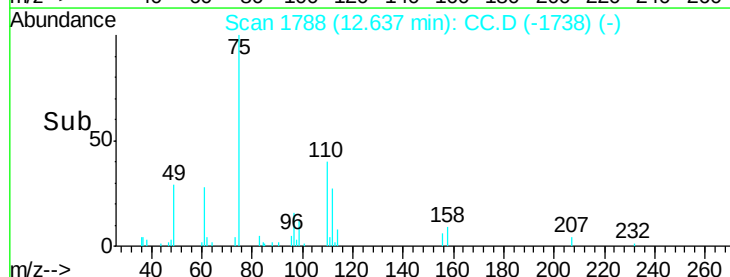
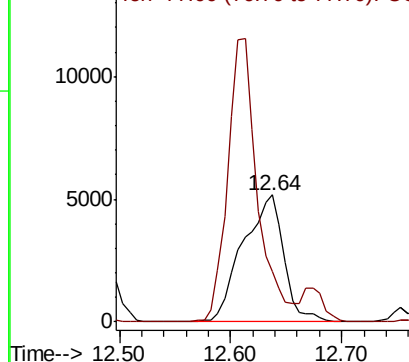
Ion Ratio Lower Upper

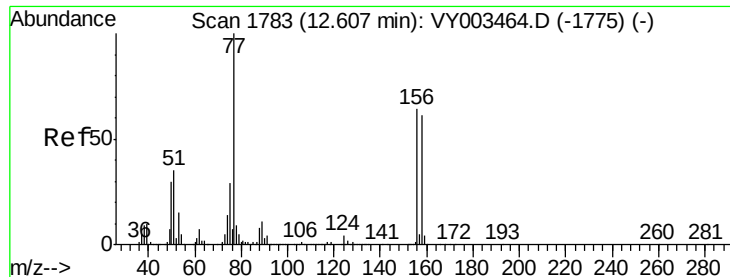
75 100

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: 5.113 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: CC.D

Acq: 02 Nov 2020 09:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

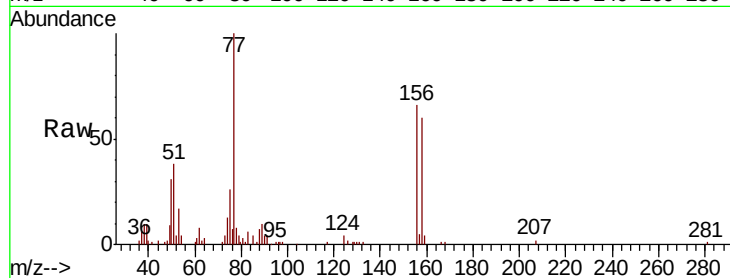
Tot Ion:156 Resp: 12405

Ion Ratio Lower Upper

156 100

77 174.5 87.0 260.9

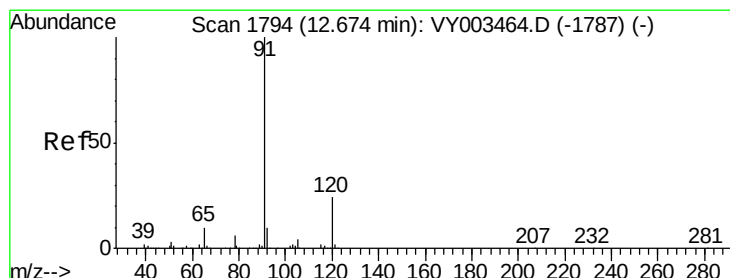
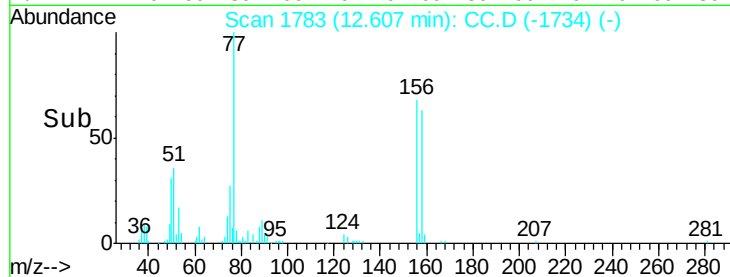
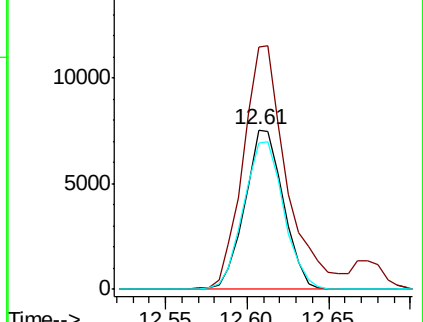
158 97.0 48.7 146.1



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: 5.003 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. -0.00 min

Lab File: CC.D

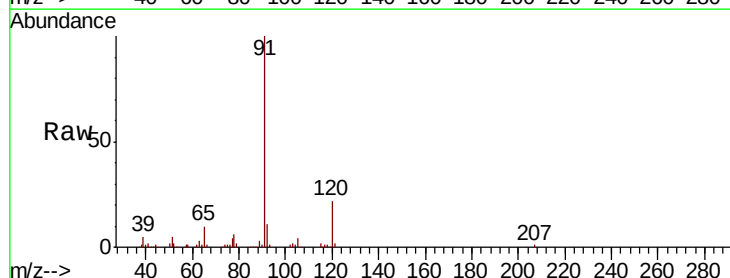
Acq: 02 Nov 2020 09:49

Tgt Ion: 91 Resp: 54543

Ion Ratio Lower Upper

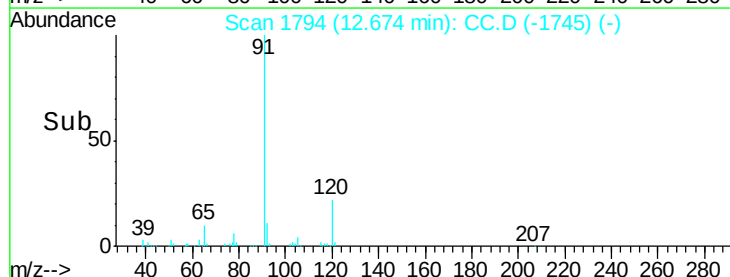
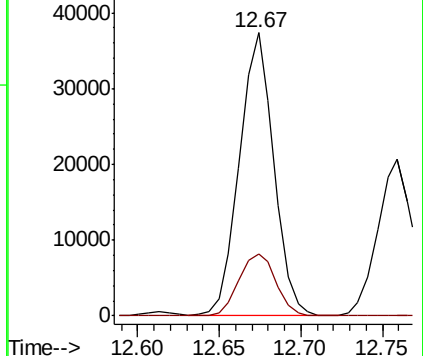
91 100

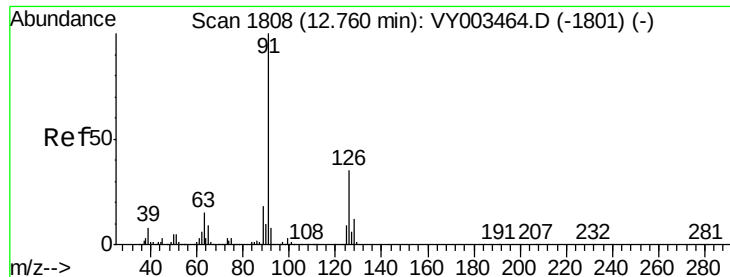
120 23.7 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): CC.

Ion 120.00 (119.70 to 120.70): C

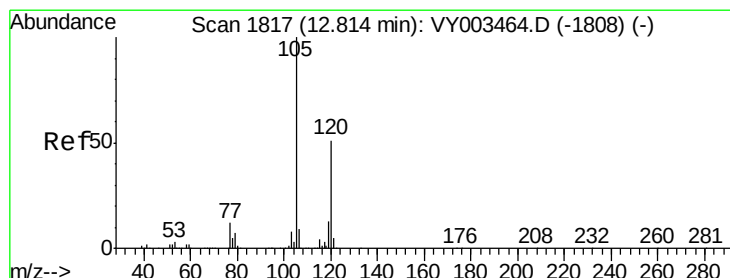
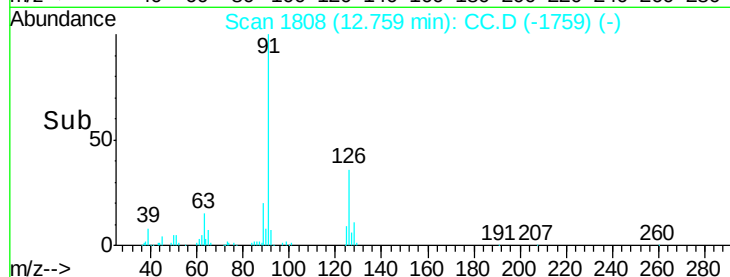
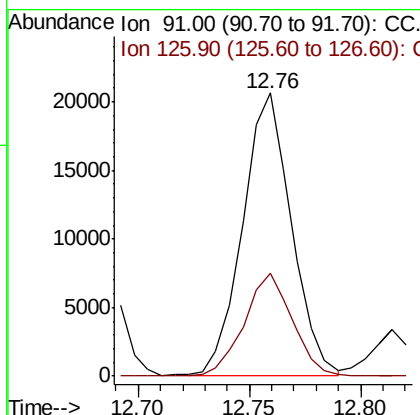
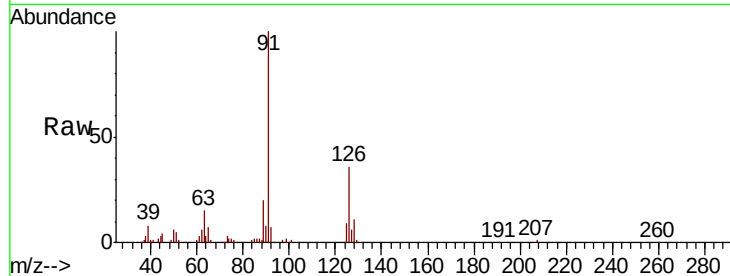




#79
 2-Chlorotoluene
 Concen: 5.121 ug/l
 RT: 12.76 min Scan# 1808
 Delta R.T. -0.00 min
 Lab File: CC.D
 Acq: 02 Nov 2020 09:49

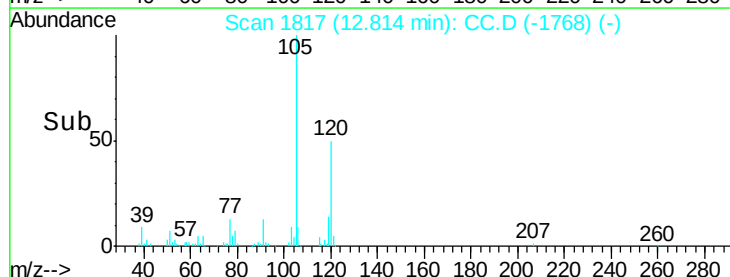
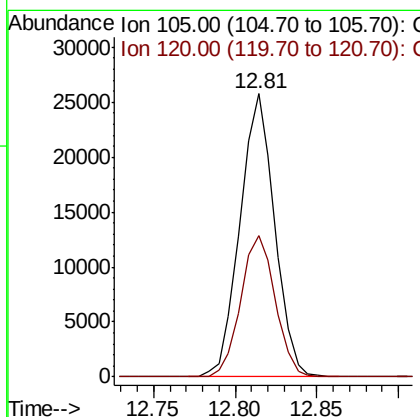
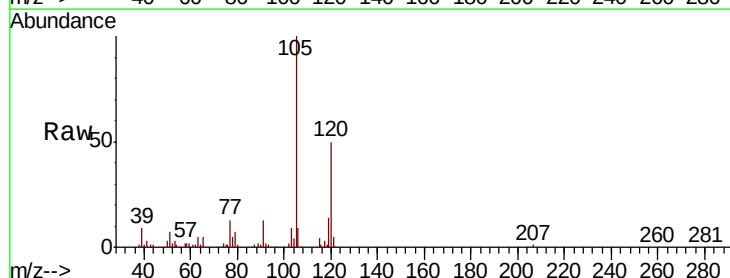
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

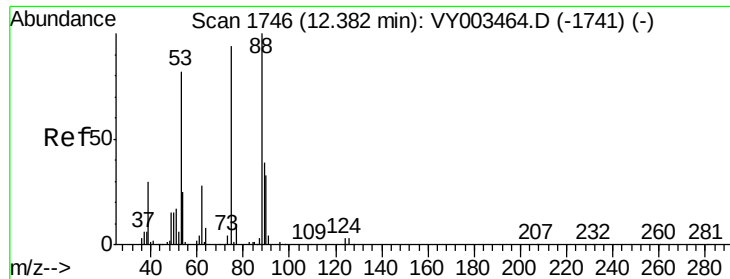
Tot Ion: 91 Resp: 31319
 Ion Ratio Lower Upper
 91 100
 126 36.0 17.8 53.3



#80
 1,3,5-Trimethylbenzene
 Concen: 4.881 ug/l
 RT: 12.81 min Scan# 1817
 Delta R.T. -0.00 min
 Lab File: CC.D
 Acq: 02 Nov 2020 09:49

Tgt Ion: 105 Resp: 38172
 Ion Ratio Lower Upper
 105 100
 120 49.5 25.3 75.9





#81

trans-1,4-Dichloro-2-butene

Concen: 5.498 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. -0.00 min

Lab File: CC.D

Acq: 02 Nov 2020 09:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

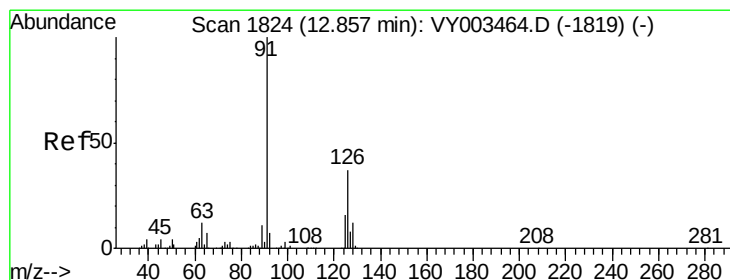
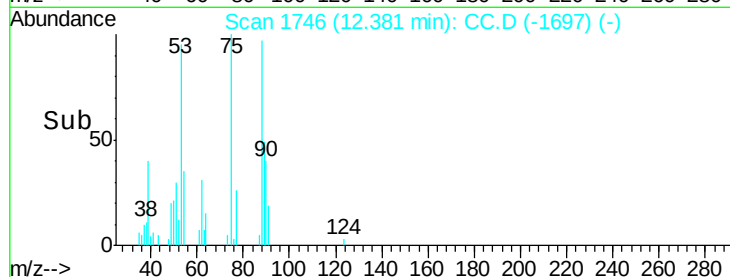
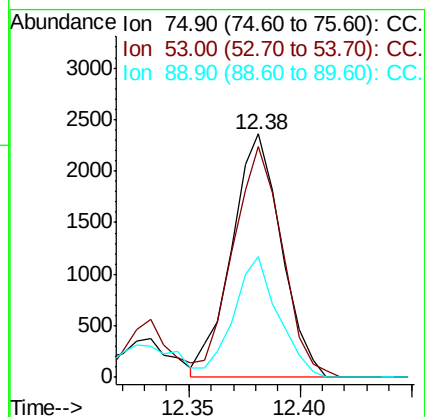
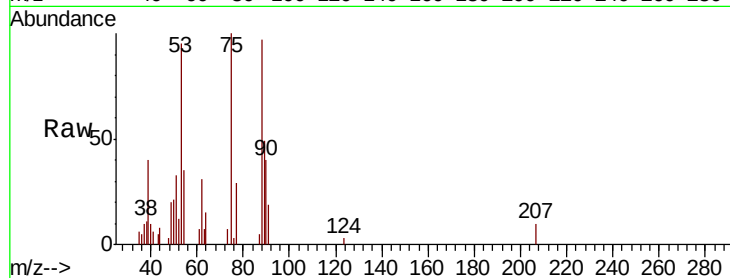
Tot Ion: 75 Resp: 3678

Ion Ratio Lower Upper

75 100

53 94.1 74.7 112.1

89 43.7 35.8 53.8



#82

4-Chlorotoluene

Concen: 5.038 ug/l

RT: 12.86 min Scan# 1824

Delta R.T. -0.00 min

Lab File: CC.D

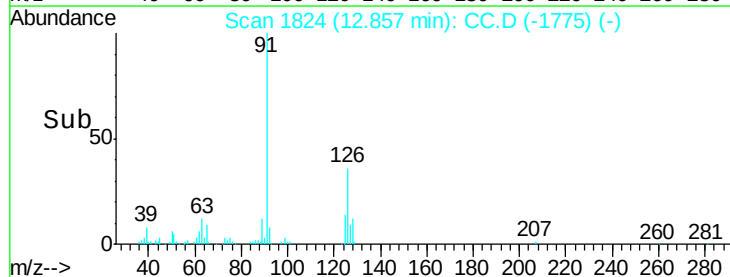
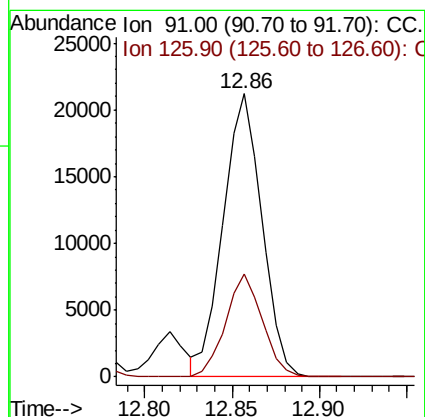
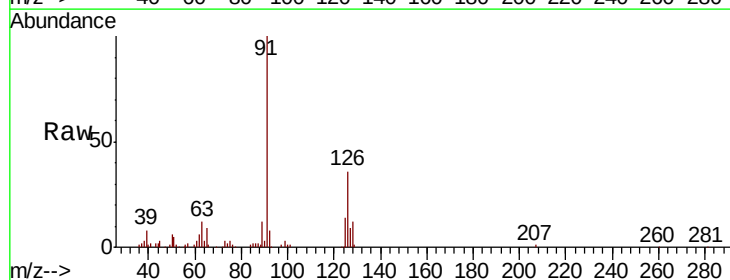
Acq: 02 Nov 2020 09:49

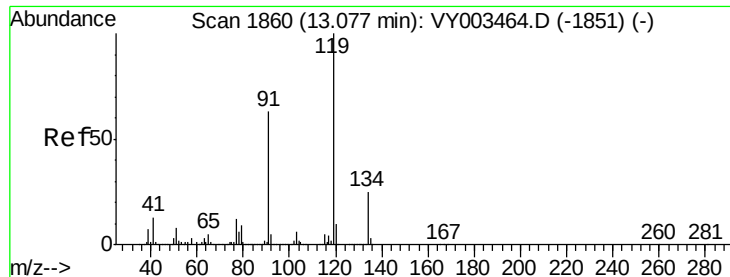
Tgt Ion: 91 Resp: 32660

Ion Ratio Lower Upper

91 100

126 34.5 17.6 52.8

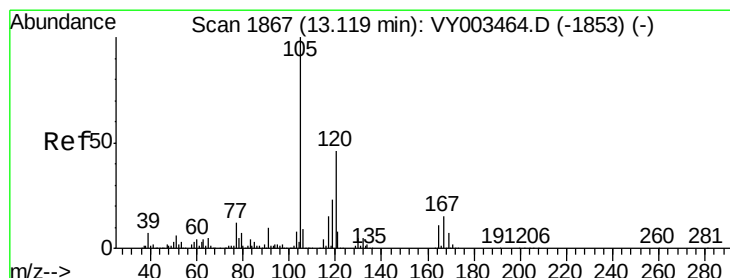
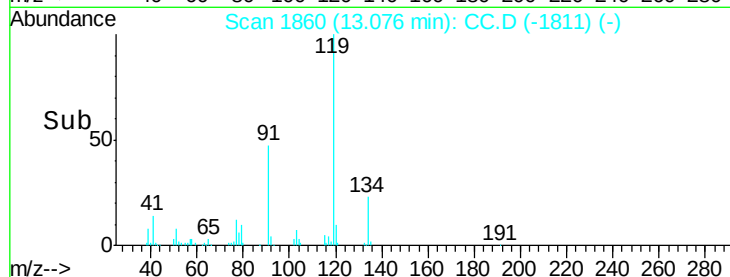
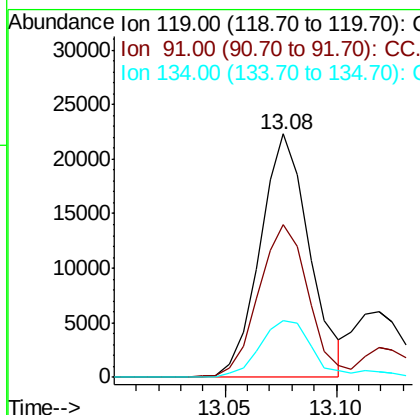
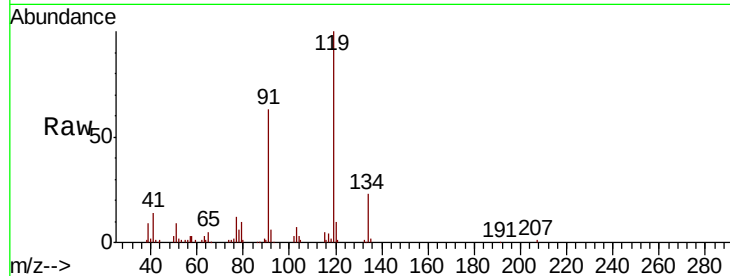




#83
 tert-Butylbenzene
 Concen: 5.031 ug/l
 RT: 13.08 min Scan# 1860
 Delta R.T. -0.00 min
 Lab File: CC.D
 Acq: 02 Nov 2020 09:49

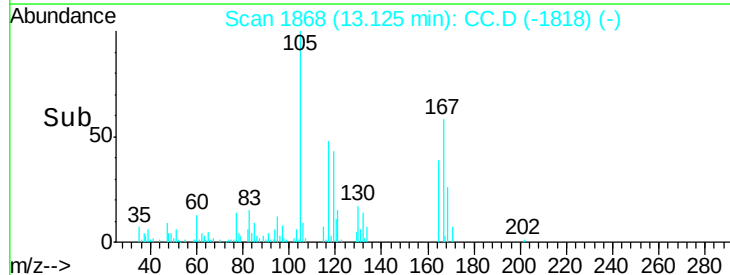
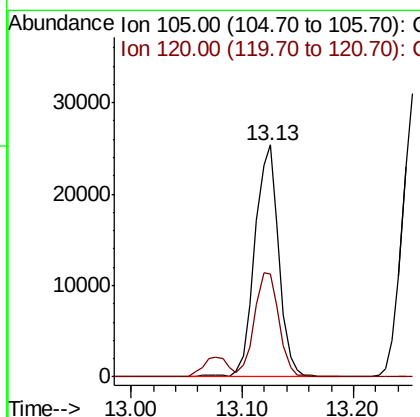
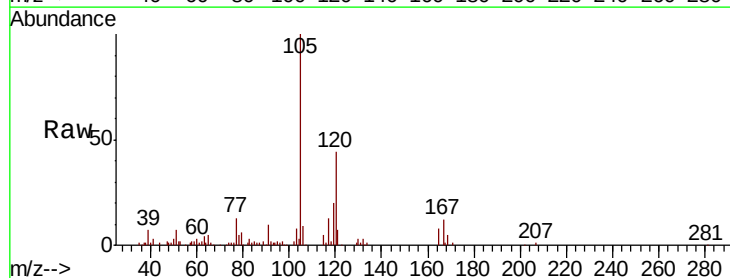
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

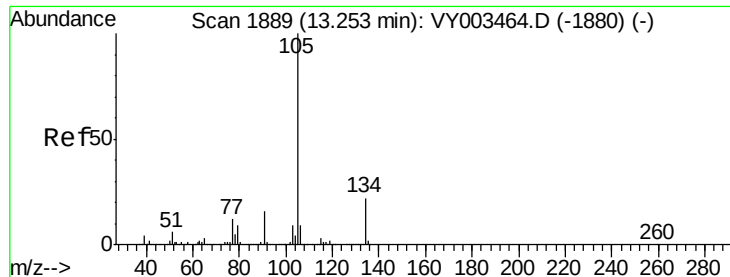
Tot Ion:119 Resp: 34320
 Ion Ratio Lower Upper
 119 100
 91 63.6 31.1 93.2
 134 24.4 13.4 40.1



#84
 1,2,4-Trimethylbenzene
 Concen: 4.815 ug/l
 RT: 13.13 min Scan# 1868
 Delta R.T. 0.01 min
 Lab File: CC.D
 Acq: 02 Nov 2020 09:49

Tgt Ion:105 Resp: 38022
 Ion Ratio Lower Upper
 105 100
 120 45.9 22.9 68.8





#85

sec-Butylbenzene

Concen: 4.932 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: CC.D

Acq: 02 Nov 2020 09:49

Instrument :

MSVOA_Y

ClientSampleId :

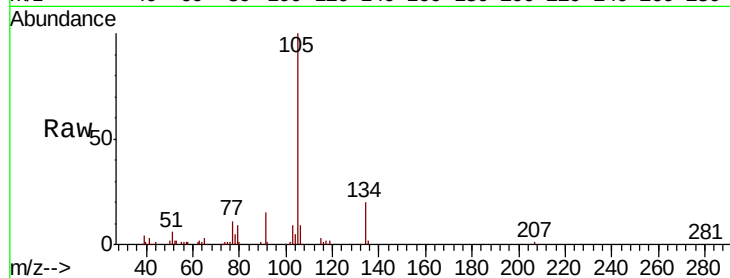
VSTDIC005

Tot Ion:105 Resp: 46363

Ion Ratio Lower Upper

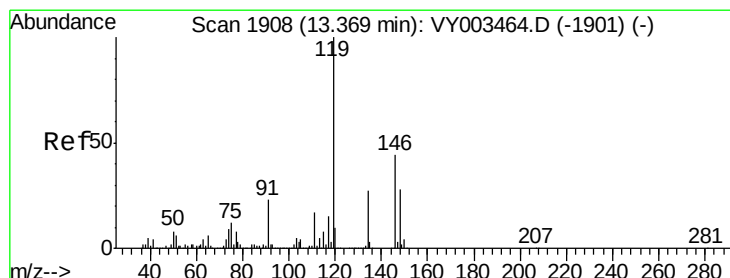
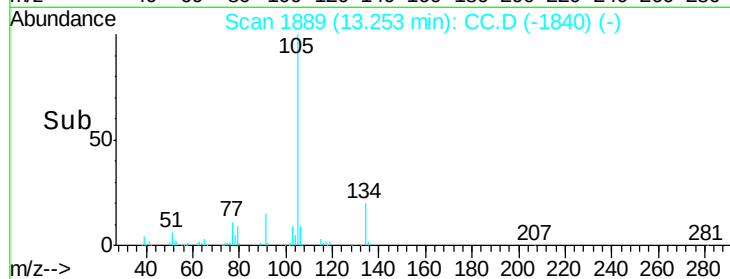
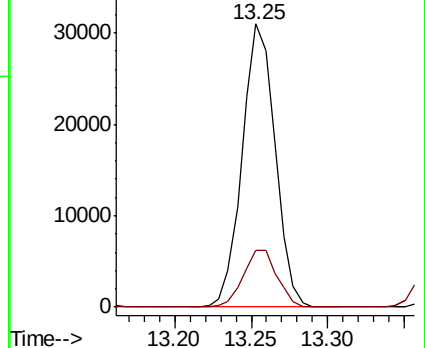
105 100

134 20.7 10.6 31.8



Abundance Ion 105.00 (104.70 to 105.70): C

Ion 134.00 (133.70 to 134.70): C



#86

p-Isopropyltoluene

Concen: 4.813 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: CC.D

Acq: 02 Nov 2020 09:49

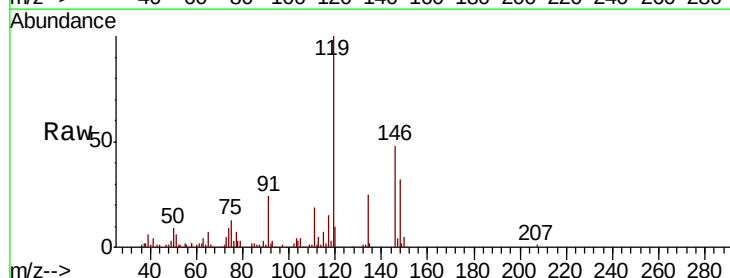
Tgt Ion:119 Resp: 42869

Ion Ratio Lower Upper

119 100

134 26.1 13.6 40.7

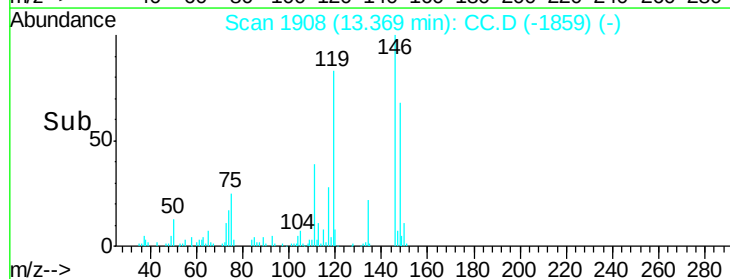
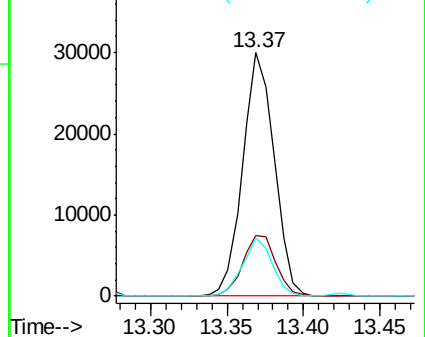
91 22.7 11.4 34.2

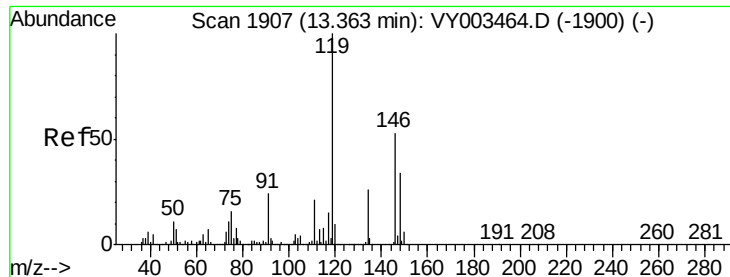


Abundance Ion 119.00 (118.70 to 119.70): C

Ion 134.00 (133.70 to 134.70): C

Ion 91.00 (90.70 to 91.70): CC.





#87

1,3-Dichlorobenzene

Concen: 4.907 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.01 min

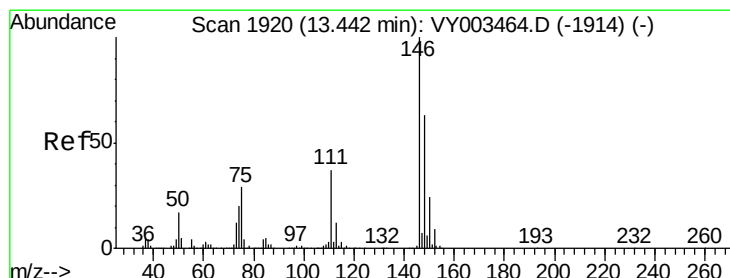
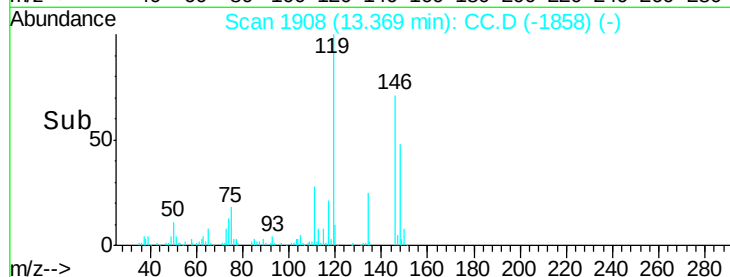
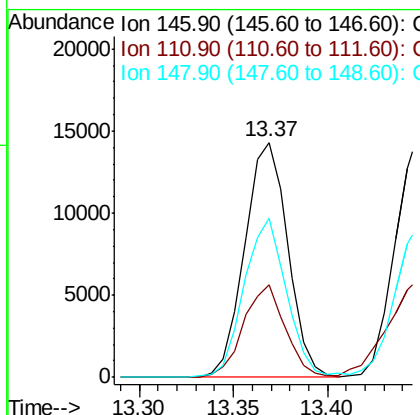
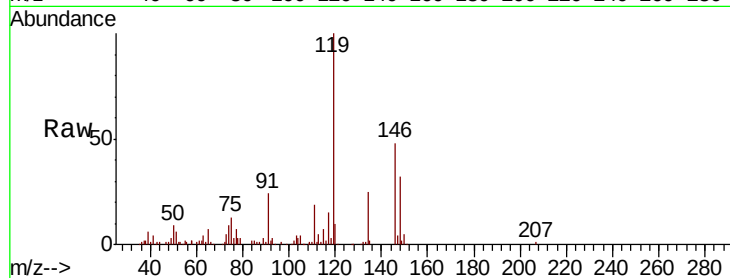
Lab File: CC.D

Acq: 02 Nov 2020 09:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tot Ion:146 Resp: 22649

Ion	Ratio	Lower	Upper
146	100		
111	38.2	19.1	57.1
148	67.2	32.4	97.0



#88

1,4-Dichlorobenzene

Concen: 4.869 ug/l

RT: 13.45 min Scan# 1921

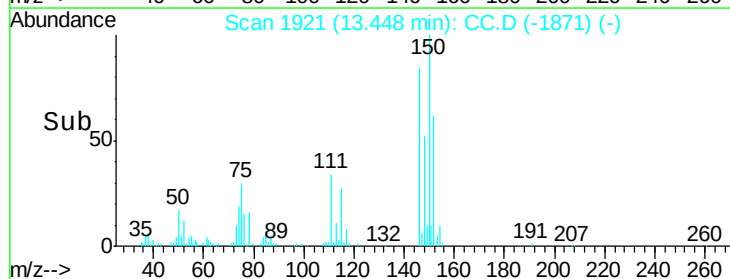
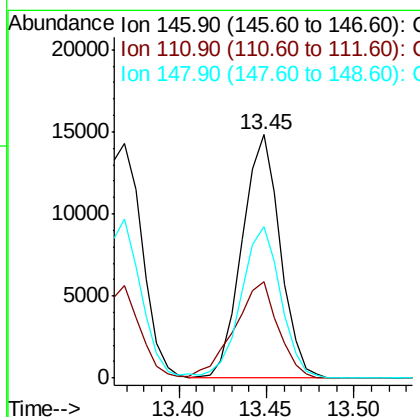
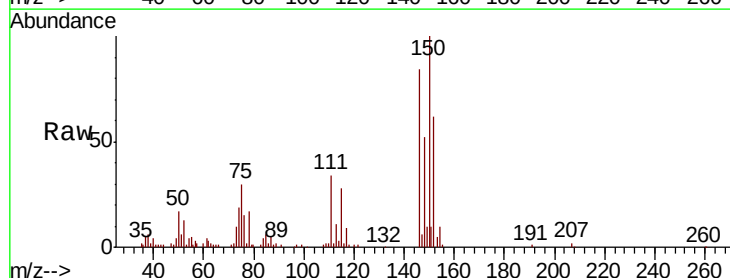
Delta R.T. 0.01 min

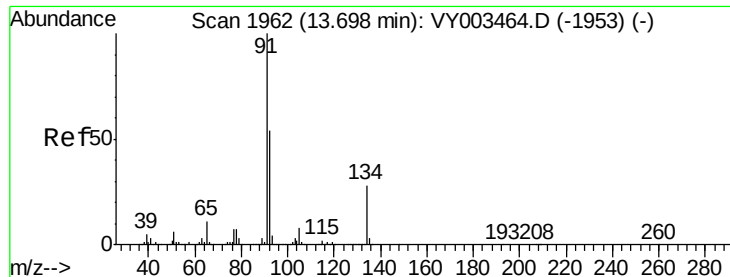
Lab File: CC.D

Acq: 02 Nov 2020 09:49

Tgt Ion:146 Resp: 22395

Ion	Ratio	Lower	Upper
146	100		
111	45.4	18.3	54.8
148	64.8	32.0	96.0





#89

n-Butylbenzene

Concen: 4.839 ug/l

RT: 13.70 min Scan# 1962

Delta R.T. -0.00 min

Lab File: CC.D

Acq: 02 Nov 2020 09:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

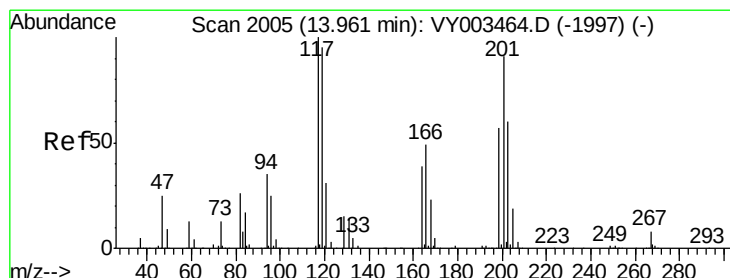
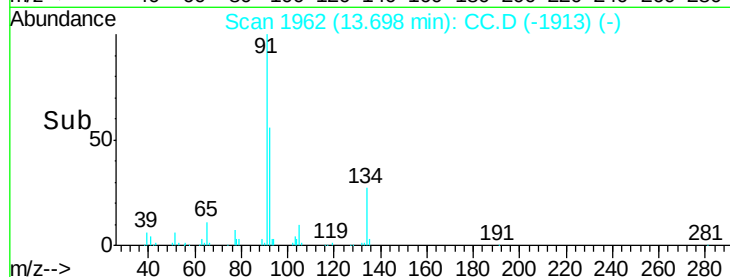
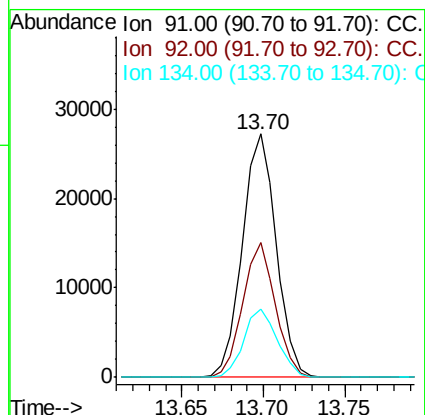
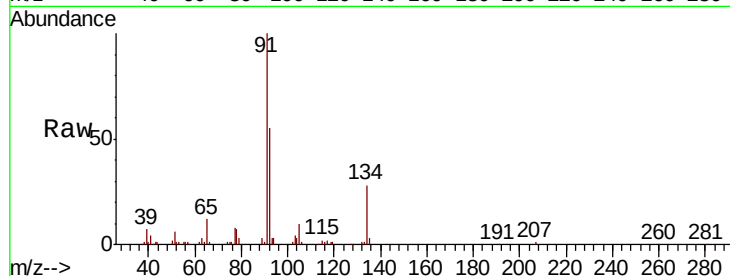
Tot Ion: 91 Resp: 39422

Ion Ratio Lower Upper

91 100

92 53.1 26.7 80.1

134 27.9 13.8 41.3



#90

Hexachloroethane

Concen: 5.253 ug/l

RT: 13.96 min Scan# 2005

Delta R.T. -0.00 min

Lab File: CC.D

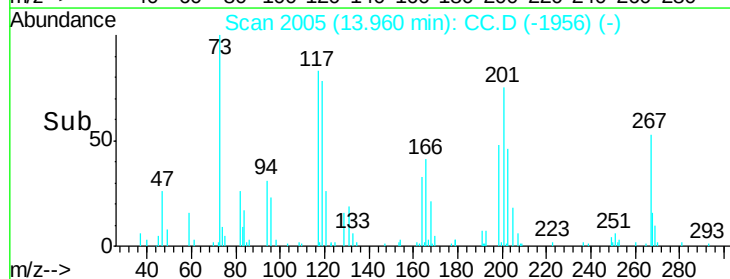
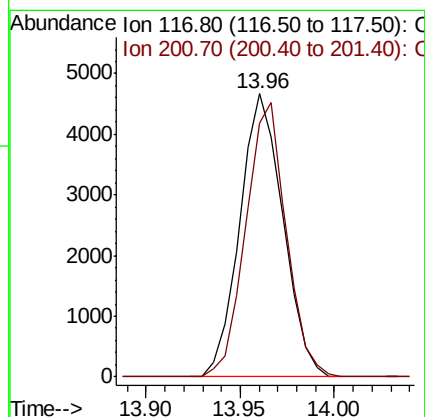
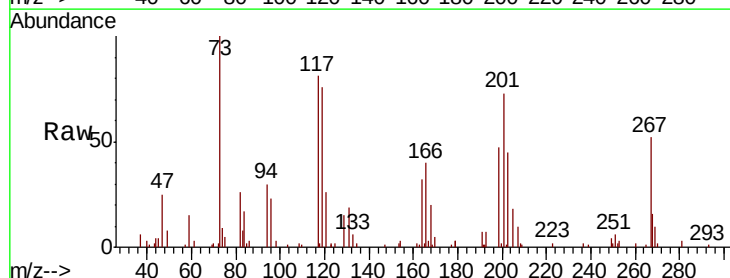
Acq: 02 Nov 2020 09:49

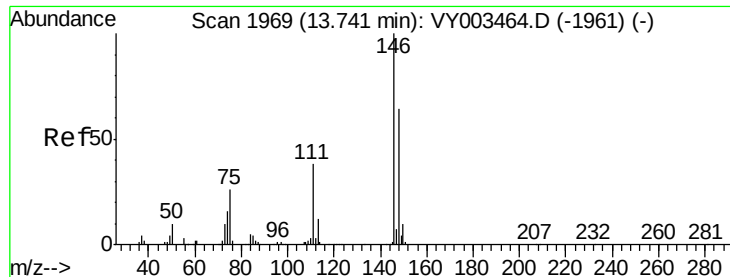
Tgt Ion: 117 Resp: 7404

Ion Ratio Lower Upper

117 100

201 91.0 46.6 139.8

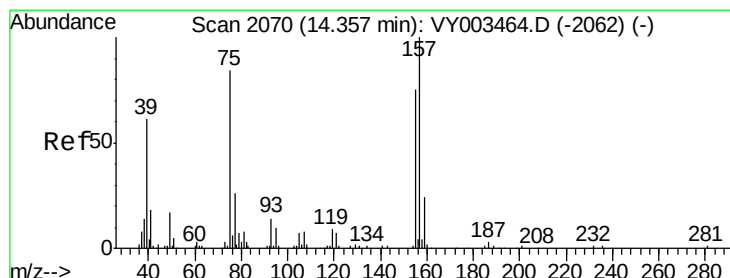
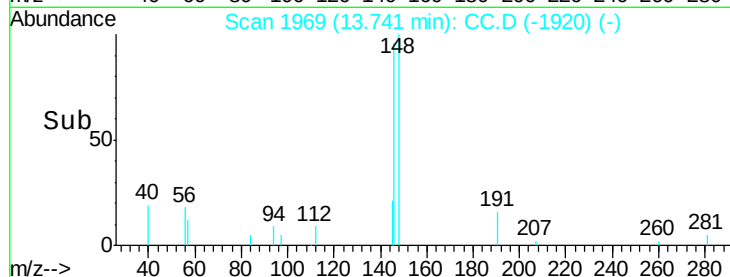
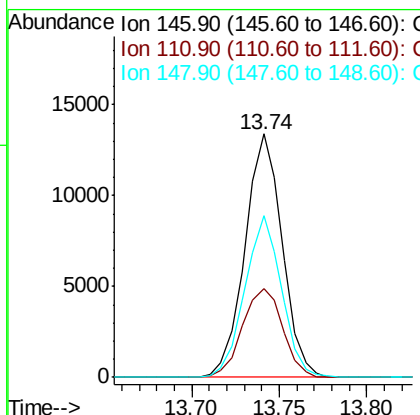
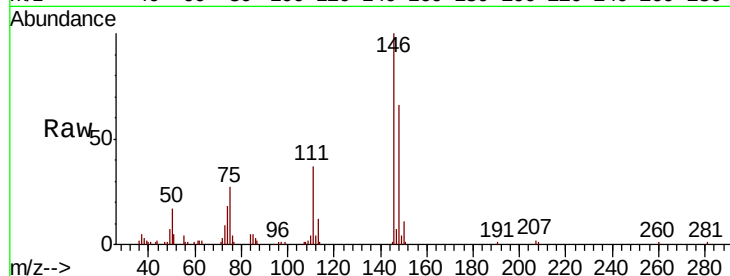




#91
 1,2-Dichlorobenzene
 Concen: 4.842 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. -0.00 min
 Lab File: CC.D
 Acq: 02 Nov 2020 09:49

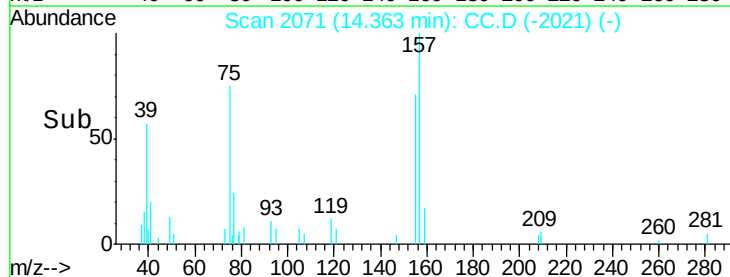
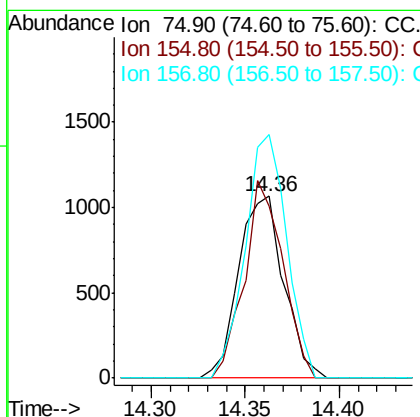
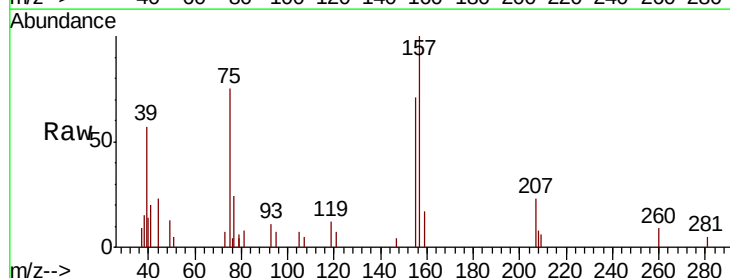
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

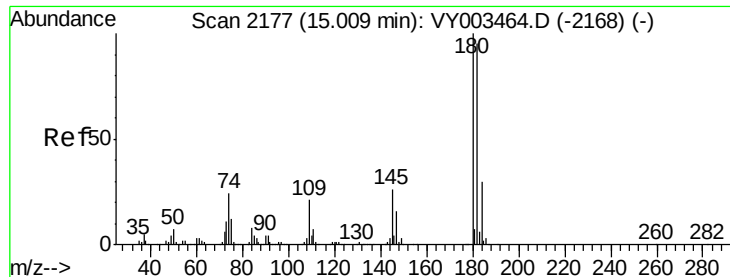
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.6	19.3	57.8
148	65.6	32.3	96.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 5.225 ug/l
 RT: 14.36 min Scan# 2071
 Delta R.T. 0.01 min
 Lab File: CC.D
 Acq: 02 Nov 2020 09:49

Tgt Ion	Ratio	Lower	Upper
75	100		
155	92.6	45.6	136.7
157	122.7	60.3	180.8

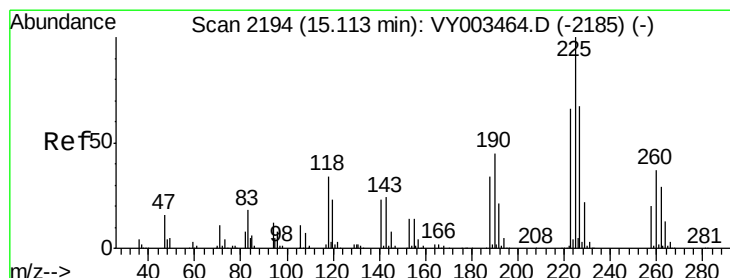
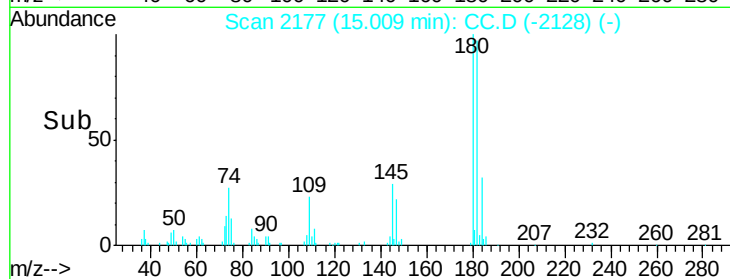
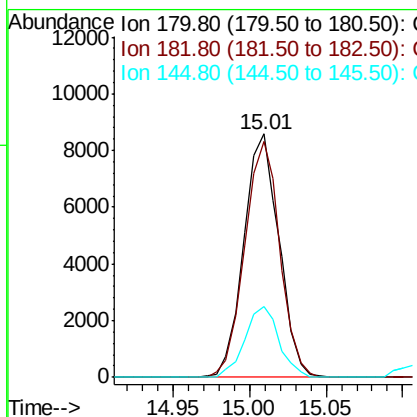
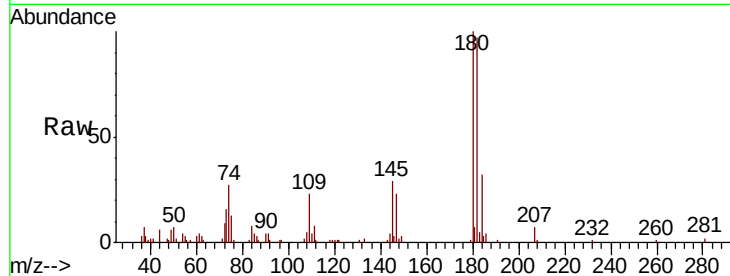




#93
 1,2,4-Trichlorobenzene
 Concen: 4.504 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. -0.00 min
 Lab File: CC.D
 Acq: 02 Nov 2020 09:49

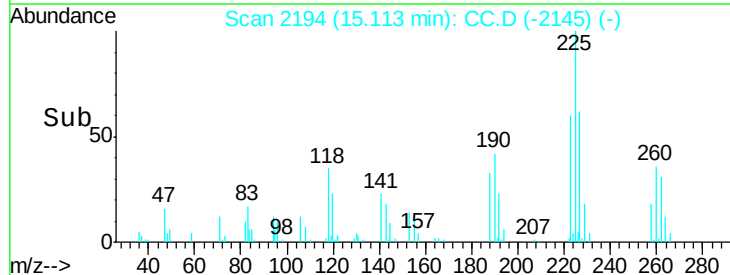
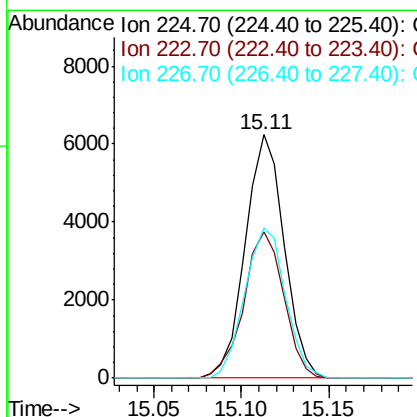
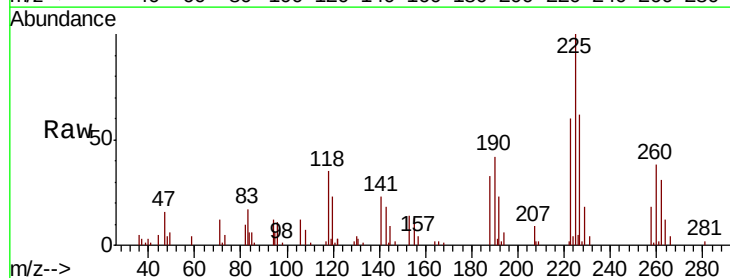
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

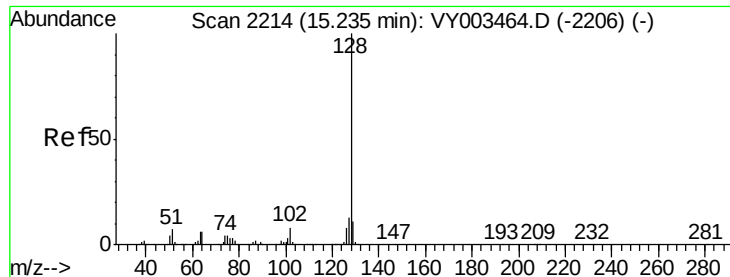
Tot Ion:180 Resp: 13712
 Ion Ratio Lower Upper
 180 100
 182 96.6 48.1 144.3
 145 28.2 13.8 41.3



#94
 Hexachlorobutadiene
 Concen: 4.864 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. -0.00 min
 Lab File: CC.D
 Acq: 02 Nov 2020 09:49

Tgt Ion:225 Resp: 9651
 Ion Ratio Lower Upper
 225 100
 223 61.6 32.1 96.3
 227 64.3 32.4 97.2

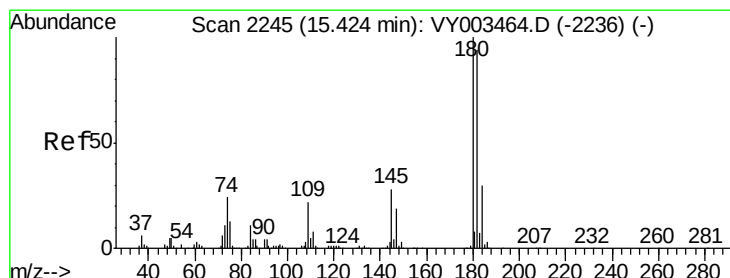
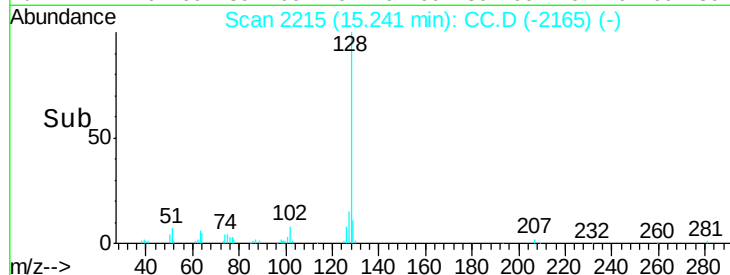
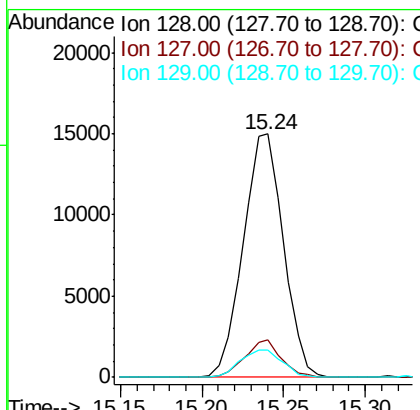
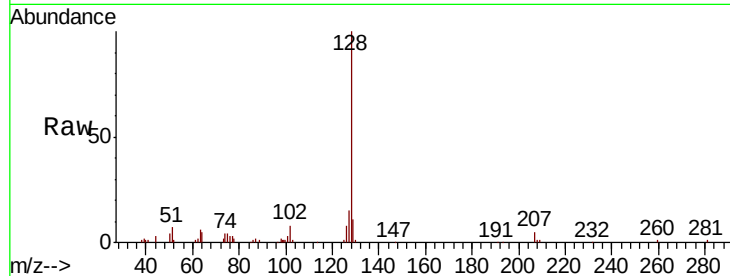




#95
Naphthalene
Concen: 4.728 ug/l
RT: 15.24 min Scan# 2215
Delta R.T. 0.01 min
Lab File: CC.D
Acq: 02 Nov 2020 09:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tot Ion:128 Resp: 25766
Ion Ratio Lower Upper
128 100
127 13.8 10.5 15.7
129 11.8 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 4.689 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. -0.00 min
Lab File: CC.D
Acq: 02 Nov 2020 09:49

Tgt Ion:180 Resp: 12433
Ion Ratio Lower Upper
180 100
182 96.2 46.9 140.7
145 28.0 14.4 43.2

