

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121219\
 Data File : VX013992.D
 Acq On : 12 Dec 2019 22:58
 Operator : JC/SP
 Sample : VSTDICCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

Quant Time: Dec 13 01:20:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X121219W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Dec 13 01:15:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.00	128	88733	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	499484	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	448276	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.05	65	191798	29.22	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	97.40%
60) 4-Bromofluorobenzene	11.13	95	216536	29.95	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	99.83%
63) Toluene-d8	8.71	98	617082	30.41	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.37%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.19	85	86806	13.918	ug/l 100
3) Chloromethane	1.32	50	126947	17.805	ug/l 100
4) Vinyl Chloride	1.40	62	126039	15.905	ug/l 100
5) Bromomethane	1.63	94	90122	17.975	ug/l 100
6) Chloroethane	1.70	64	76704	17.232	ug/l 100
7) Trichlorofluoromethane	1.92	101	157971	17.946	ug/l 100
8) Diethyl Ether	2.18	74	72483	18.003	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	92891	17.643	ug/l 100
10) 1,1-Dichloroethene	2.36	96	95782	17.645	ug/l 100
11) Methyl Iodide	2.50	142	117336	17.356	ug/l 100
12) Methyl Acetate	2.76	43	151922	16.272	ug/l 100
13) Acrolein	2.28	56	98353	95.696	ug/l 100
14) Acrylonitrile	3.13	53	290792	84.015	ug/l 100
15) Acetone	2.44	58	83925	82.872	ug/l 100
16) Carbon Disulfide	2.56	76	253630	16.862	ug/l 100
17) Allyl chloride	2.72	41	174050	17.469	ug/l 100
18) Methylene Chloride	2.84	84	118782	18.918	ug/l 100
19) trans-1,2-Dichloroethene	3.15	96	104659	17.939	ug/l 100
20) Diisopropyl ether	3.84	45	362096	18.605	ug/l 100
21) 1,1-Dichloroethane	3.69	63	193715	18.327	ug/l 100
22) cis-1,2-Dichloroethene	4.59	96	122370	18.314	ug/l 100
23) tert-Butyl Alcohol	3.05	59	115707	70.838	ug/l 100
24) Methyl tert-Butyl Ether	3.19	73	328536	18.181	ug/l 100
25) Chloroform	5.20	83	187296	18.161	ug/l 100
26) Cyclohexane	5.57	56	174666	18.184	ug/l # 100
29) 1,1-Dichloropropene	5.79	75	139935	18.395	ug/l 100
30) 2-Butanone	4.66	43	409477	84.423	ug/l 100
31) 2,2-Dichloropropane	4.57	77	130055	16.309	ug/l 100
32) 1,1,1-Trichloroethane	5.48	97	153096	18.235	ug/l 100
33) Carbon Tetrachloride	5.78	117	130319	17.960	ug/l 100
34) Benzene	6.13	78	443115	19.163	ug/l 100
35) Methacrylonitrile	5.03	41	90607	18.246	ug/l 100
36) 1,2-Dichloroethane	6.18	62	149567	18.603	ug/l 100
37) Trichloroethene	7.21	130	118468	19.048	ug/l 100
38) Methylcyclohexane	7.46	83	165893	17.934	ug/l 100
39) 1,2-Dichloropropane	7.51	63	114137	19.052	ug/l 100
40) Dibromomethane	7.65	93	73045	18.479	ug/l 100

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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.89	83	137458	17.951	ug/l	100
42) Vinyl Acetate	3.80	43	1493147	94.480	ug/l	100
43) Ethyl Acetate	4.83	43	158337	17.622	ug/l	100
44) Isopropyl Acetate	6.43	43	259067	17.779	ug/l	100
45) 1,4-Dioxane	7.73	88	52388	330.159	ug/l	100
46) Methyl methacrylate	7.76	41	127753	17.603	ug/l	100
47) n-amyl Acetate	10.89	43	229019	17.799	ug/l	100
48) t-1,3-Dichloropropene	9.04	75	143751	16.782	ug/l	100
49) cis-1,3-Dichloropropene	8.43	75	166356	17.659	ug/l	100
50) 1,1,2-Trichloroethane	9.21	97	113058	19.219	ug/l	100
51) Ethyl methacrylate	9.17	69	173471	17.961	ug/l	100
52) 1,3-Dichloropropane	9.37	76	193558	19.231	ug/l	100
53) Dibromochloromethane	9.57	129	107558	17.449	ug/l	100
54) 1,2-Dibromoethane	9.67	107	114362	18.358	ug/l	100
55) 2-Chloroethyl vinyl ether	8.31	63	395191	95.619	ug/l	100
56) Bromoform	10.85	173	80693	16.512	ug/l	100
58) 4-Methyl-2-Pentanone	8.64	43	831549	90.277	ug/l	100
59) 2-Hexanone	9.49	43	625707	86.794	ug/l	100
61) Tetrachloroethene	9.33	164	113096	20.148	ug/l	100
62) Toluene	8.78	91	473520	19.054	ug/l	100
64) Chlorobenzene	10.14	112	296089	18.956	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.21	131	105994	18.261	ug/l	100
66) Ethyl Benzene	10.25	91	514254	18.814	ug/l	100
67) m/p-Xylenes	10.35	106	395184	37.446	ug/l	100
68) o-Xylene	10.70	106	194451	18.995	ug/l	100
69) Styrene	10.71	104	323038	18.595	ug/l	100
70) Isopropylbenzene	11.01	105	503132	18.785	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.26	83	178905	18.672	ug/l	100
72) 1,2,3-Trichloropropane	11.29	75	185528	22.369	ug/l	92
73) Bromobenzene	11.25	156	132256	18.658	ug/l	100
74) n-propylbenzene	11.35	91	564231	18.537	ug/l	100
75) 2-Chlorotoluene	11.42	91	344040	18.925	ug/l	100
76) 1,3,5-Trimethylbenzene	11.50	105	422850	18.741	ug/l	100
77) t-1,4-Dichloro-2-butene	11.07	75	46708	14.751	ug/l	100
78) 4-Chlorotoluene	11.51	91	388768	18.655	ug/l	100
79) tert-butylbenzene	11.76	119	408371	18.091	ug/l	100
80) 1,2,4-Trimethylbenzene	11.81	105	423129	18.783	ug/l	100
81) sec-Butylbenzene	11.94	105	479145	18.459	ug/l	100
82) p-Isopropyltoluene	12.06	119	429671	18.062	ug/l	100
83) 1,3-Dichlorobenzene	12.02	146	225527	18.120	ug/l	100
84) 1,4-Dichlorobenzene	12.09	146	225984	18.268	ug/l	100
85) n-Butylbenzene	12.39	91	346618	16.996	ug/l	100
86) Hexachloroethane	12.59	117	72332	16.657	ug/l	100
87) 1,2-Dichlorobenzene	12.39	146	229048	18.416	ug/l	100
88) 1,2-Dibromo-3-Chloropropan	12.99	75	34708	16.414	ug/l	100
89) 1,2,4-Trichlorobenzene	13.64	180	139660	16.543	ug/l	100
90) Hexachlorobutadiene	13.78	225	69514	17.108	ug/l	100
91) Naphthalene	13.83	128	423404	16.007	ug/l	100
92) 1,2,3-Trichlorobenzene	14.01	180	142013	16.682	ug/l	100

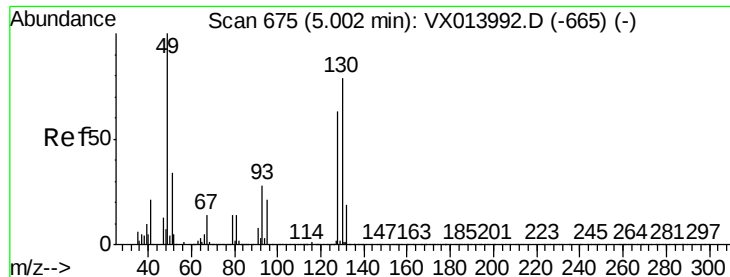
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.00 min Scan# 675

Delta R.T. 0.00 min

Lab File: VX013992.D

Acq: 12 Dec 2019 22:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

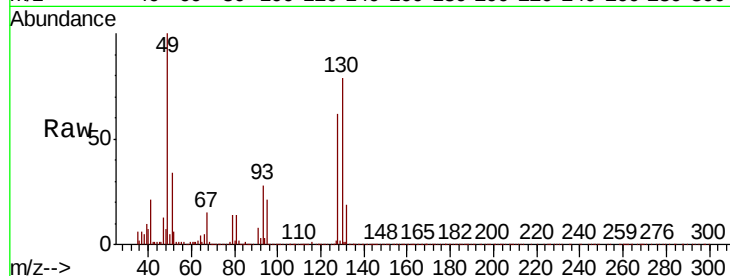
Tot Ion:128 Resp: 88733

Ion Ratio Lower Upper

128 100

49 162.0 0.0 405.0

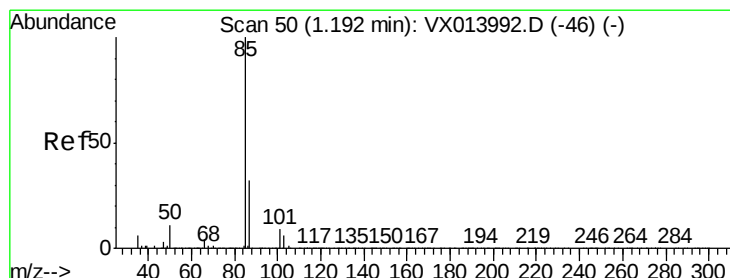
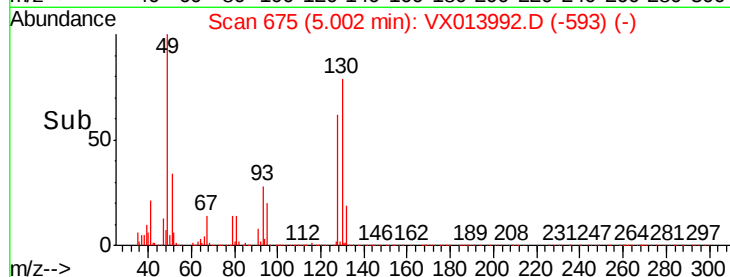
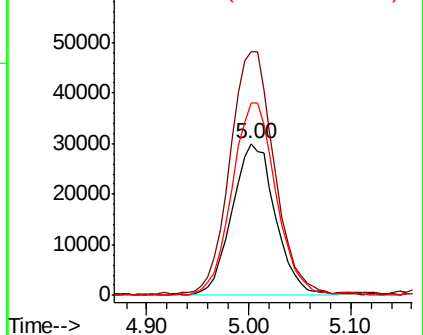
130 128.6 0.0 321.5



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 13.918 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX013992.D

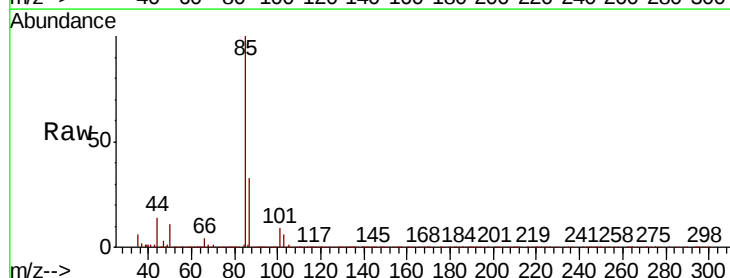
Acq: 12 Dec 2019 22:58

Tgt Ion: 85 Resp: 86806

Ion Ratio Lower Upper

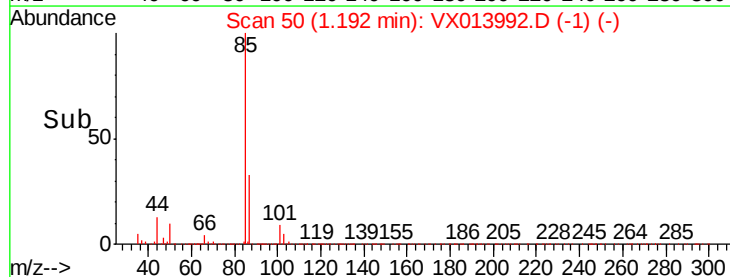
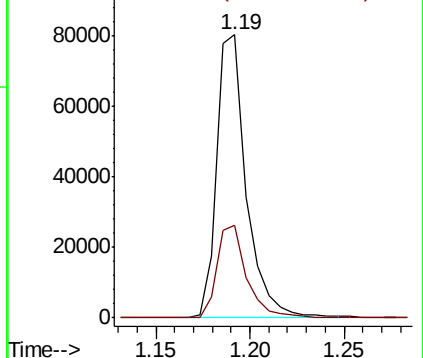
85 100

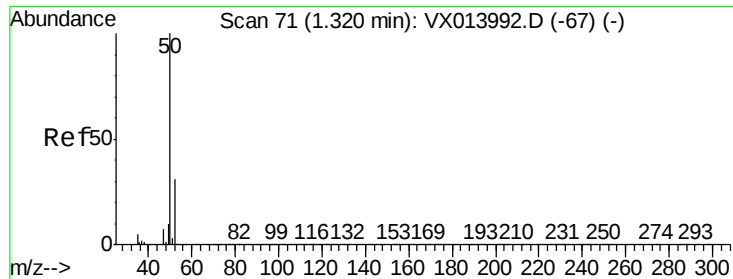
87 32.6 16.3 48.9



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

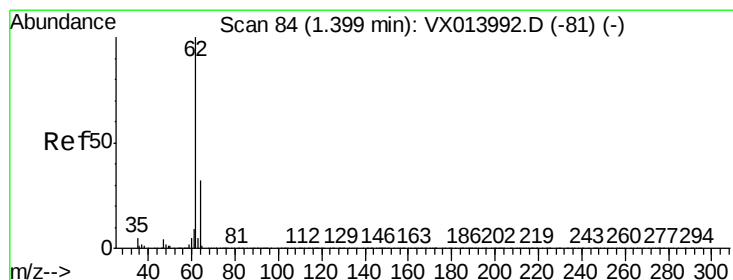
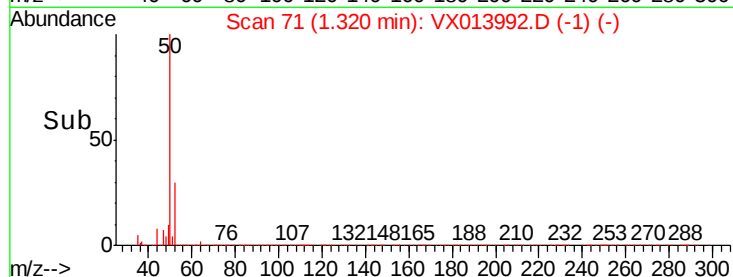
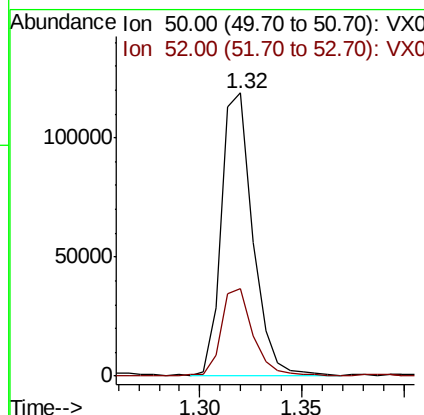
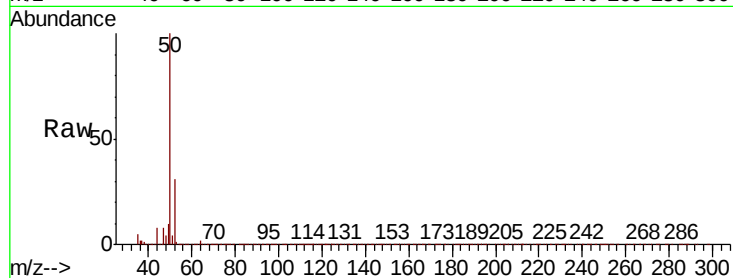




#3
Chloromethane
Concen: 17.805 ug/l
RT: 1.32 min Scan# 71
Delta R.T. 0.00 min
Lab File: VX013992.D
Acq: 12 Dec 2019 22:58

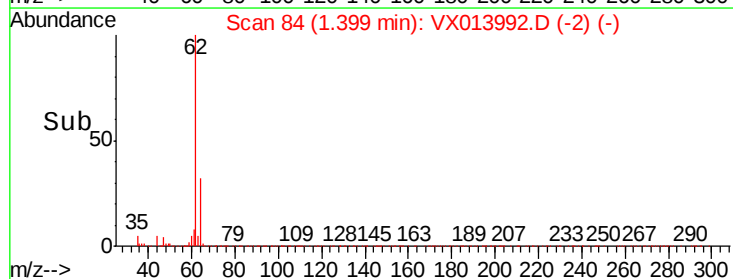
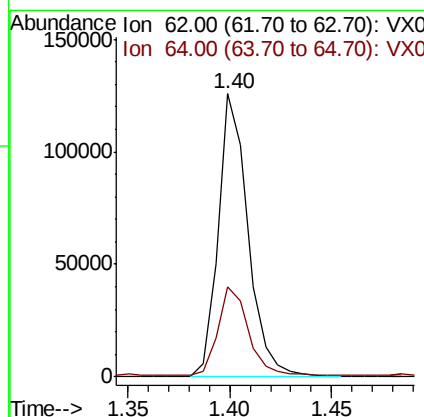
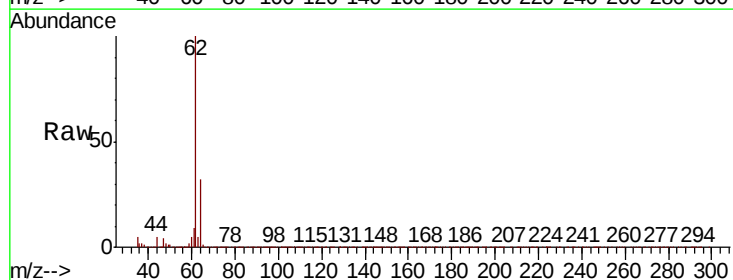
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

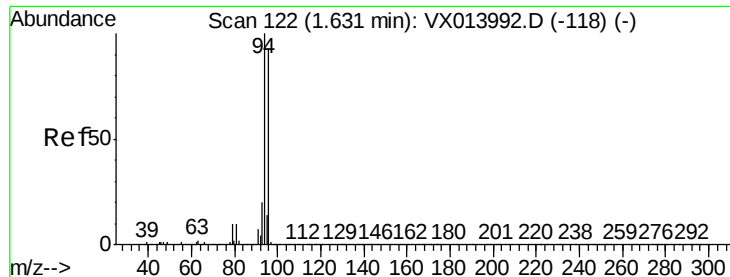
Tot Ion: 50 Resp: 126947
Ion Ratio Lower Upper
50 100
52 30.4 24.3 36.5



#4
Vinyl Chloride
Concen: 15.905 ug/l
RT: 1.40 min Scan# 84
Delta R.T. 0.00 min
Lab File: VX013992.D
Acq: 12 Dec 2019 22:58

Tgt Ion: 62 Resp: 126039
Ion Ratio Lower Upper
62 100
64 31.5 25.2 37.8





#5

Bromomethane

Concen: 17.975 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX013992.D

Acq: 12 Dec 2019 22:58

Instrument :

MSVOA_X

ClientSampleId :

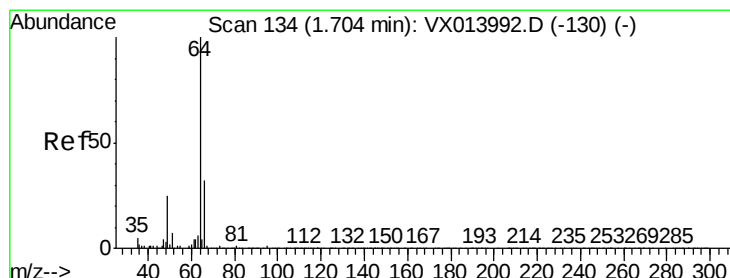
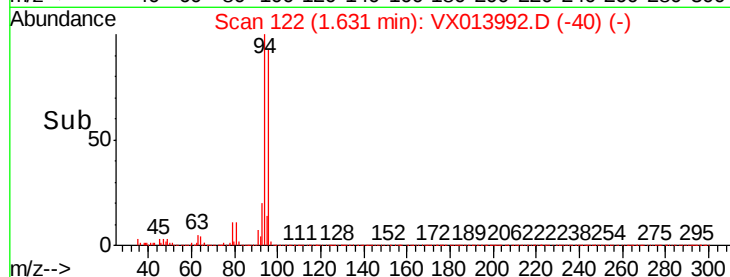
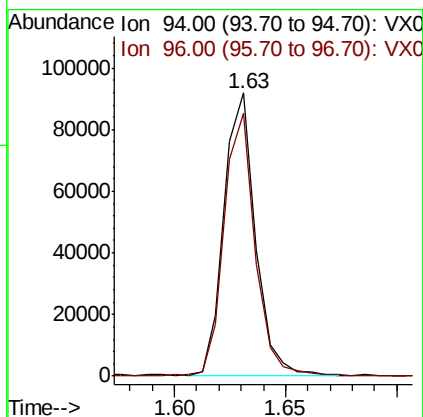
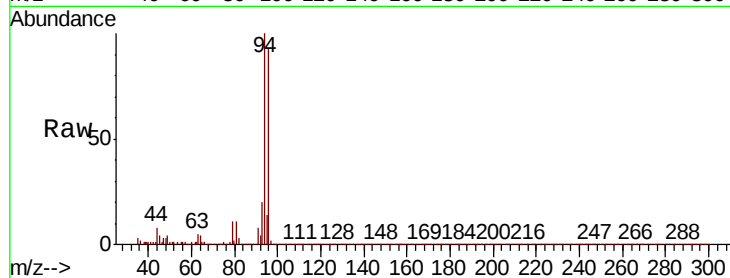
VSTDICCC020

Tot Ion: 94 Resp: 90122

Ion Ratio Lower Upper

94 100

96 93.0 74.4 111.6



#6

Chloroethane

Concen: 17.232 ug/l

RT: 1.70 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX013992.D

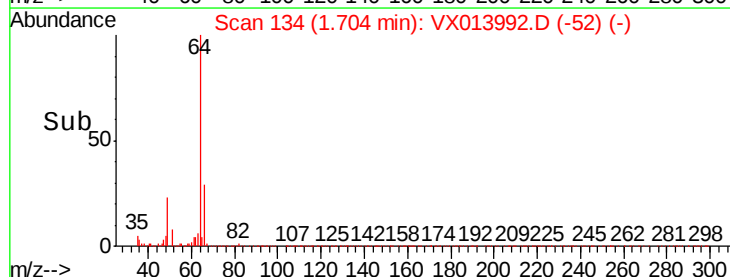
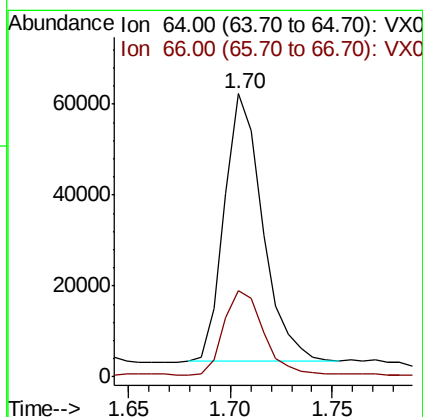
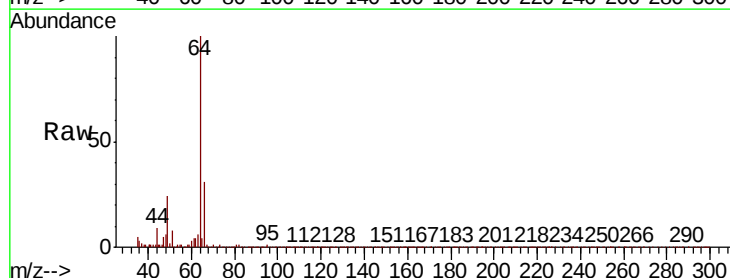
Acq: 12 Dec 2019 22:58

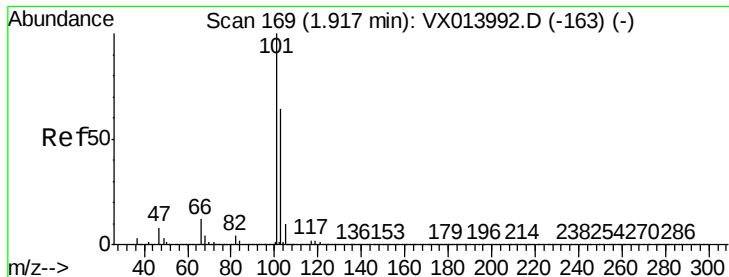
Tgt Ion: 64 Resp: 76704

Ion Ratio Lower Upper

64 100

66 31.5 25.2 37.8



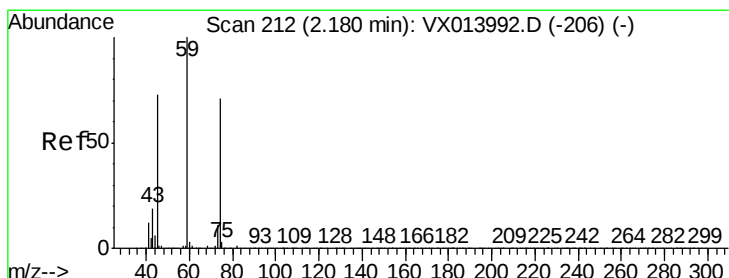
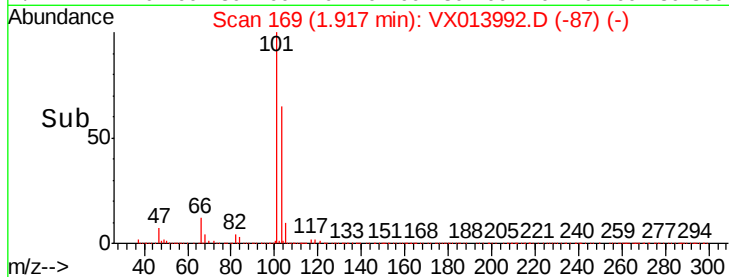
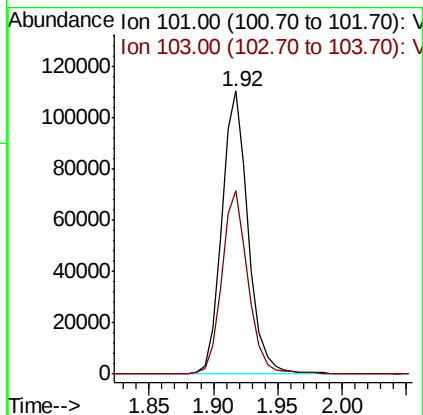
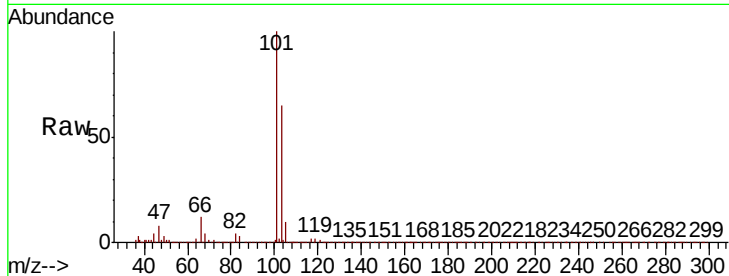


#7

Trichlorofluoromethane
Concen: 17.946 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX013992.D
Acq: 12 Dec 2019 22:58

Instrument :
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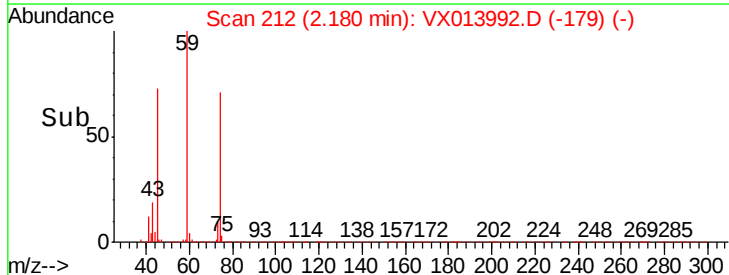
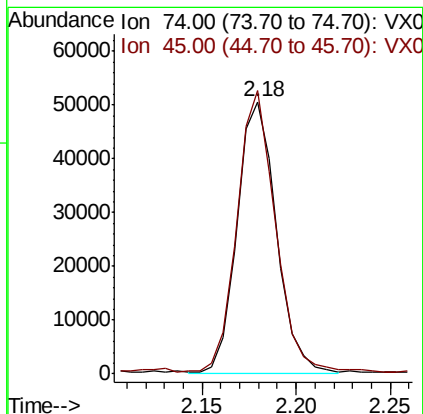
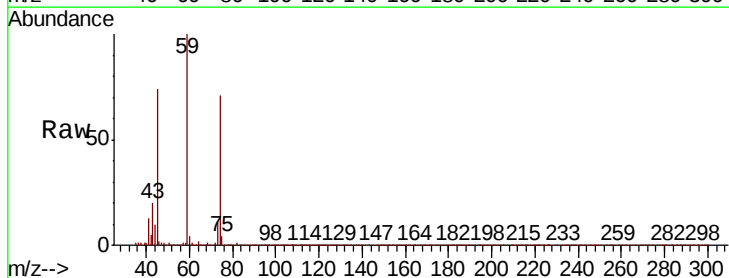
Tot Ion:101 Resp: 157971
Ion Ratio Lower Upper
101 100
103 64.5 51.6 77.4

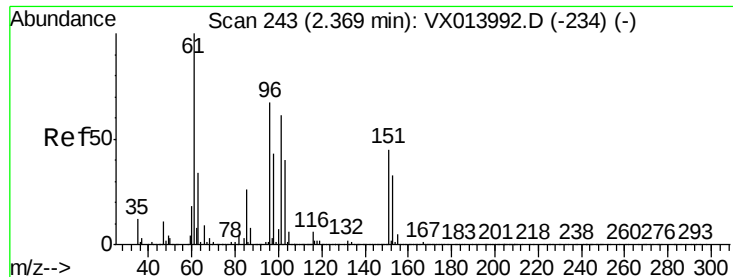


#8

Diethyl Ether
Concen: 18.003 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX013992.D
Acq: 12 Dec 2019 22:58

Tgt Ion: 74 Resp: 72483
Ion Ratio Lower Upper
74 100
45 102.4 20.6 185.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.643 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.00 min

Lab File: VX013992.D

Acq: 12 Dec 2019 22:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

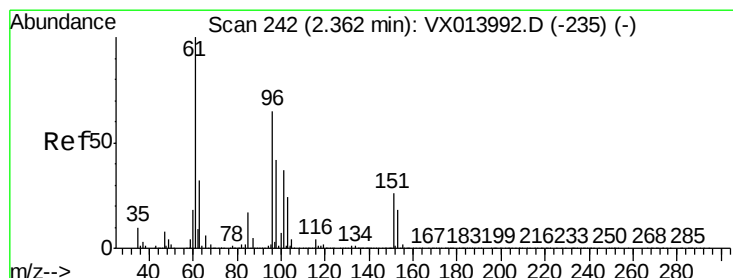
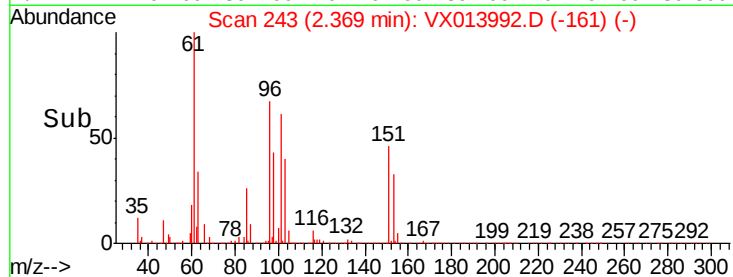
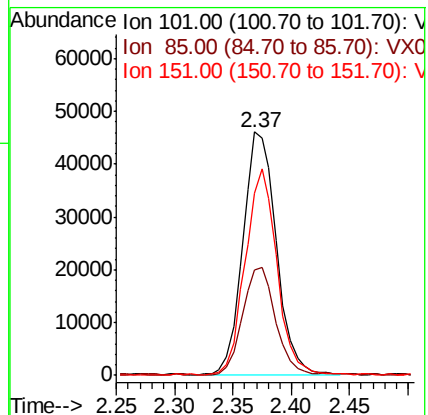
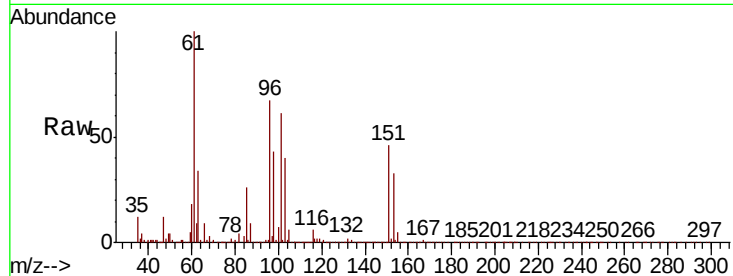
Tot Ion:101 Resp: 92891

Ion Ratio Lower Upper

101 100

85 43.2 0.0 85.6

151 79.7 0.0 159.4



#10

1,1-Dichloroethene

Concen: 17.645 ug/l

RT: 2.36 min Scan# 242

Delta R.T. 0.00 min

Lab File: VX013992.D

Acq: 12 Dec 2019 22:58

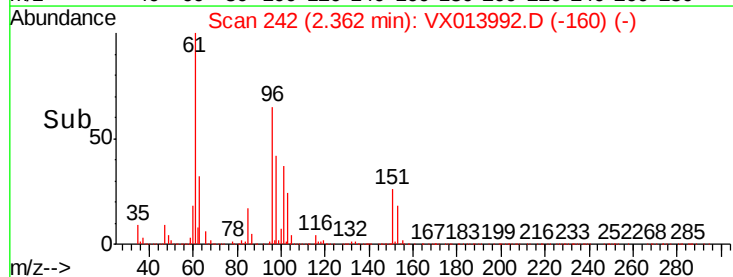
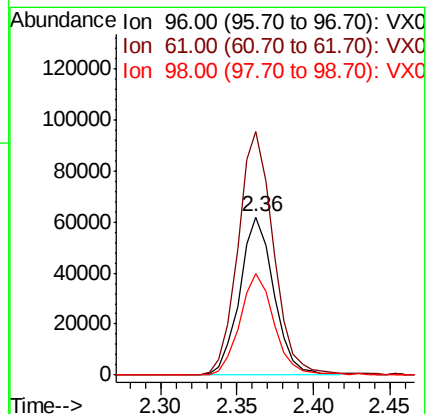
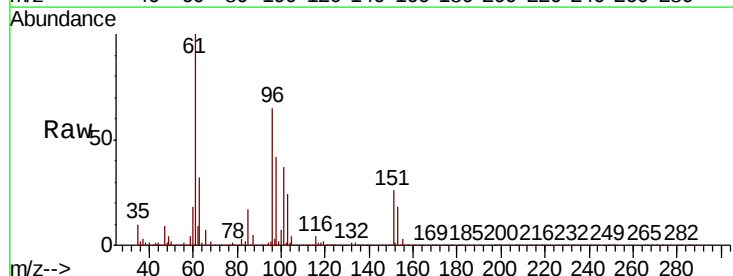
Tgt Ion: 96 Resp: 95782

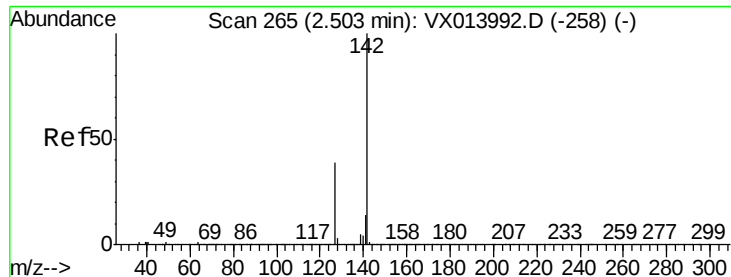
Ion Ratio Lower Upper

96 100

61 153.8 123.0 184.6

98 64.2 51.4 77.0

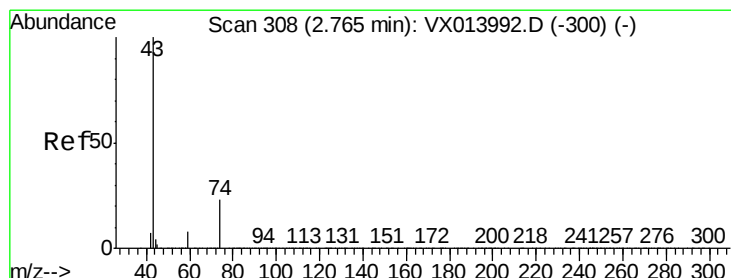
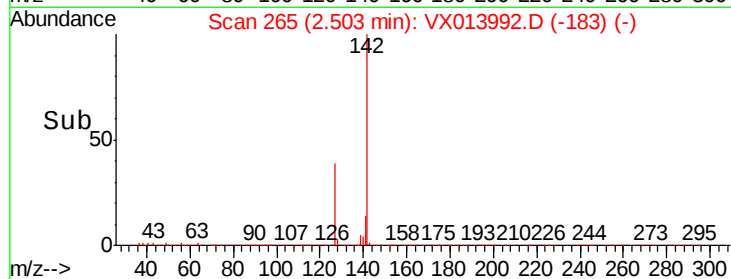
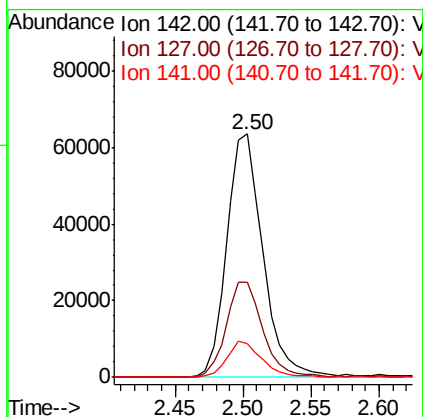
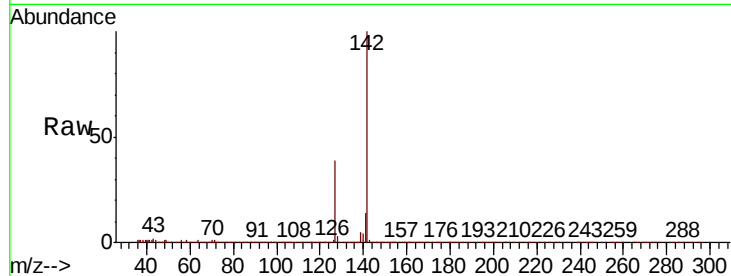




#11
Methvl Iodide
Concen: 17.356 ug/l
RT: 2.50 min Scan# 265
Delta R.T. 0.00 min
Lab File: VX013992.D
Acq: 12 Dec 2019 22:58

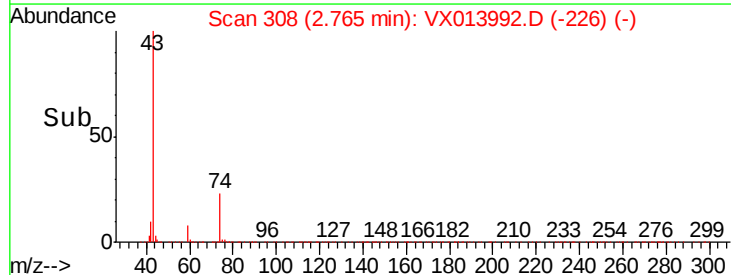
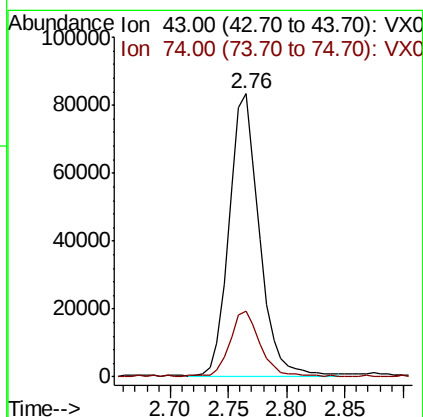
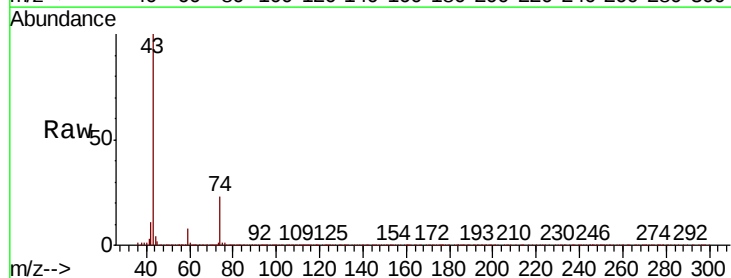
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

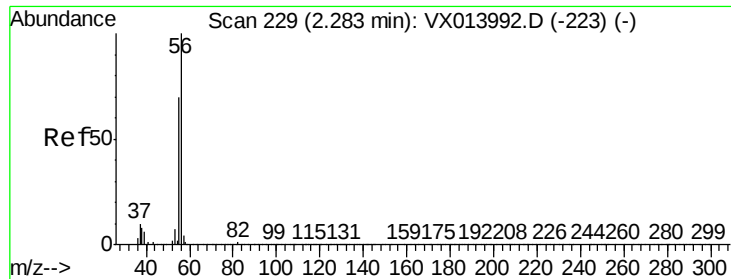
Tot Ion:142 Resp: 117336
Ion Ratio Lower Upper
142 100
127 39.0 19.5 58.5
141 13.9 7.0 20.9



#12
Methyl Acetate
Concen: 16.272 ug/l
RT: 2.76 min Scan# 308
Delta R.T. 0.00 min
Lab File: VX013992.D
Acq: 12 Dec 2019 22:58

Tgt Ion: 43 Resp: 151922
Ion Ratio Lower Upper
43 100
74 23.1 18.5 27.7

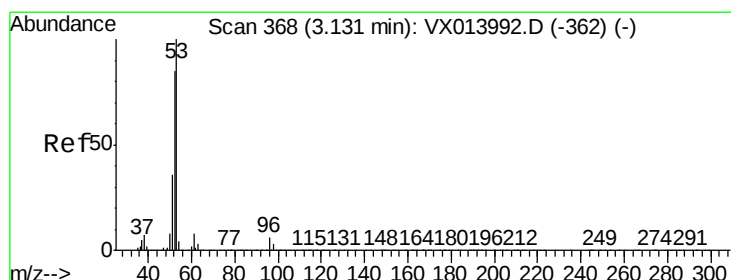
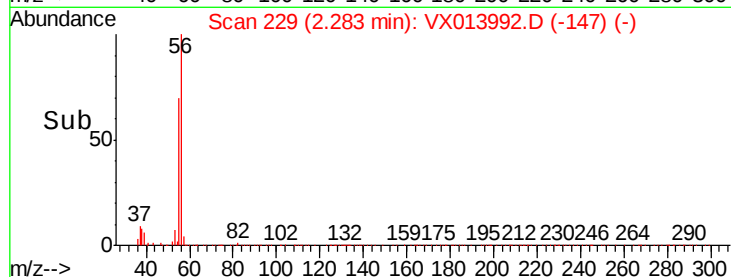
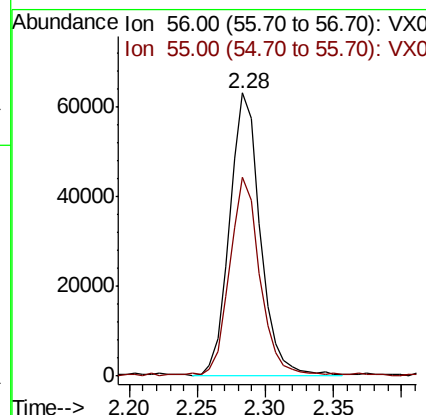
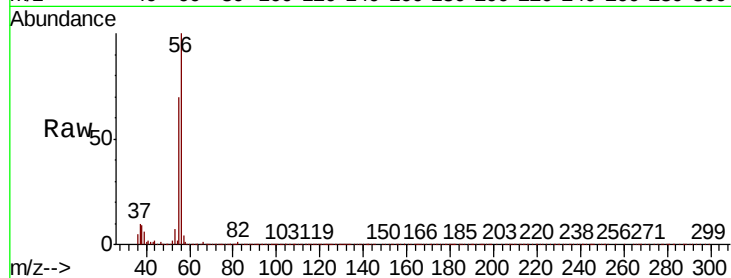




#13
Acrolein
Concen: 95.696 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX013992.D
Acq: 12 Dec 2019 22:58

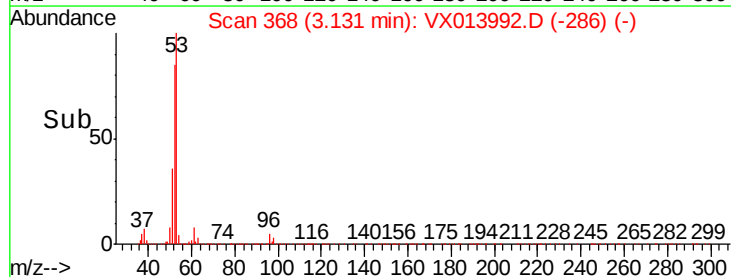
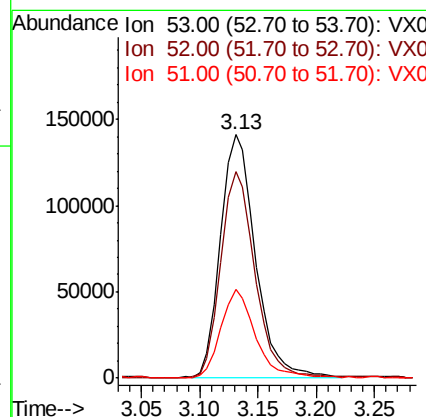
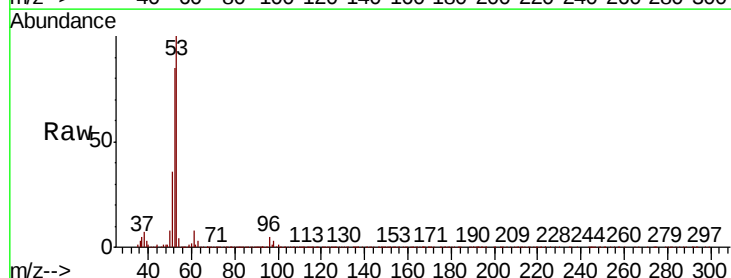
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

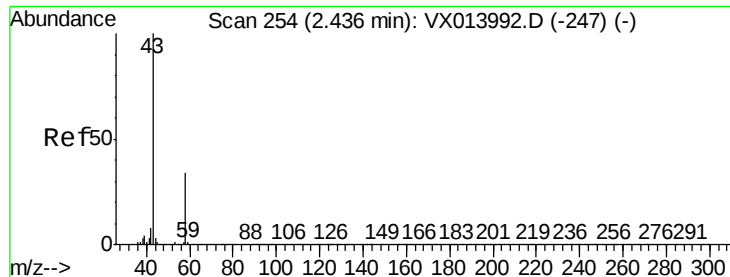
Tot Ion: 56 Resp: 98353
Ion Ratio Lower Upper
56 100
55 68.6 54.9 82.3



#14
Acrylonitrile
Concen: 84.015 ug/l
RT: 3.13 min Scan# 368
Delta R.T. 0.00 min
Lab File: VX013992.D
Acq: 12 Dec 2019 22:58

Tgt Ion: 53 Resp: 290792
Ion Ratio Lower Upper
53 100
52 83.1 41.5 124.6
51 35.7 17.8 53.5





#15

Acetone

Concen: 82.872 ug/l

RT: 2.44 min Scan# 254

Delta R.T. 0.00 min

Lab File: VX013992.D

Acq: 12 Dec 2019 22:58

Instrument :

MSVOA_X

ClientSampleId :

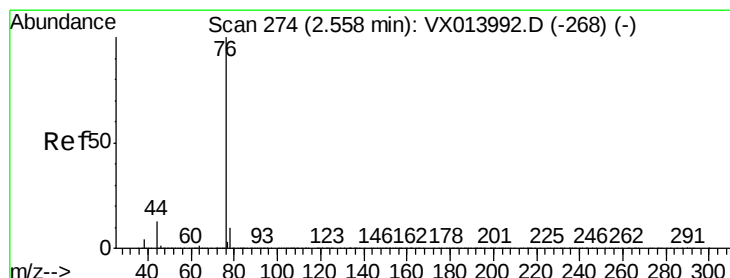
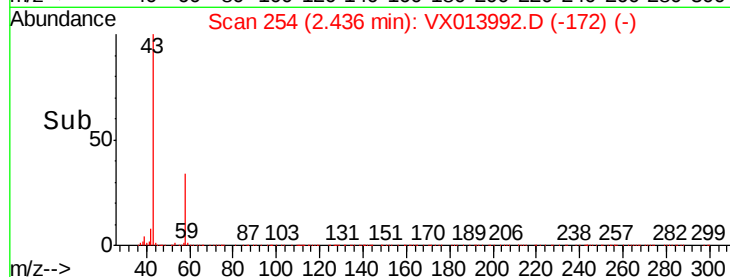
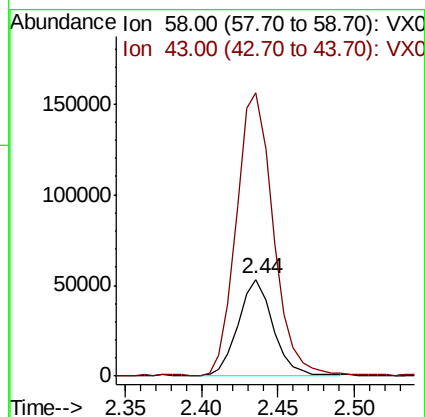
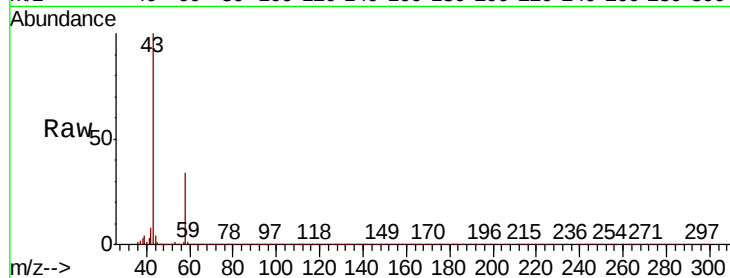
VSTDICCC020

Tot Ion: 58 Resp: 83925

Ion Ratio Lower Upper

58 100

43 295.4 236.3 354.5



#16

Carbon Disulfide

Concen: 16.862 ug/l

RT: 2.56 min Scan# 274

Delta R.T. 0.00 min

Lab File: VX013992.D

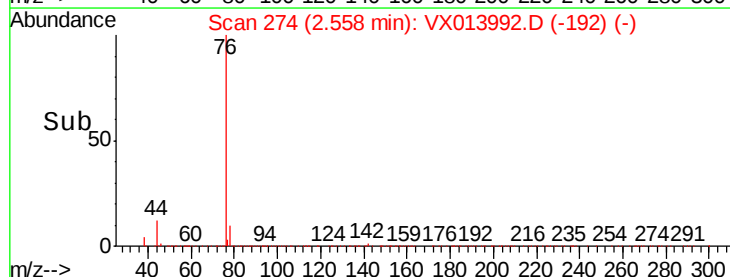
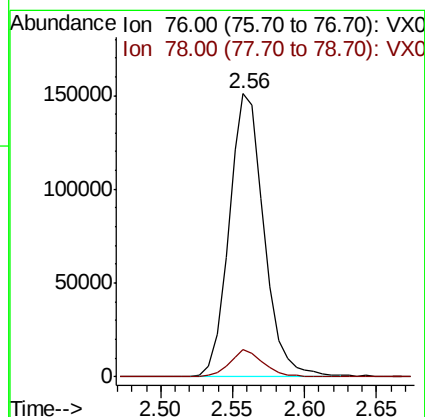
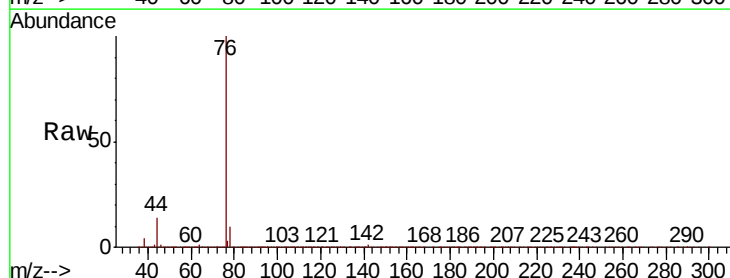
Acq: 12 Dec 2019 22:58

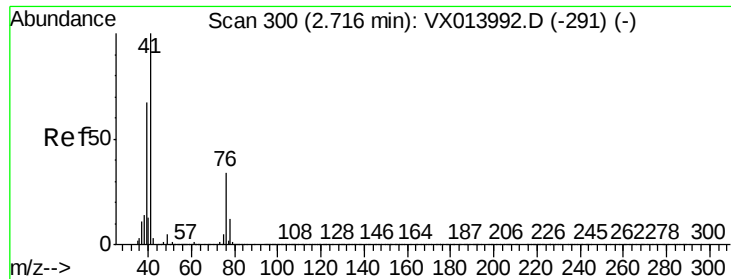
Tgt Ion: 76 Resp: 253630

Ion Ratio Lower Upper

76 100

78 9.8 7.8 11.8

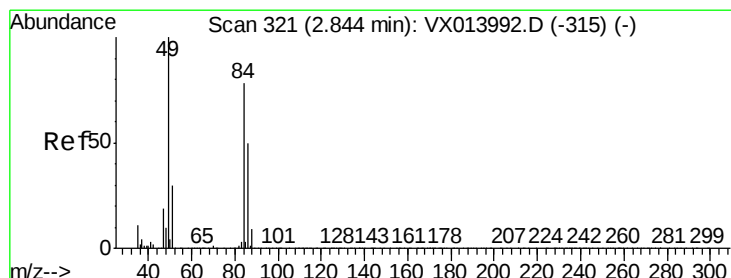
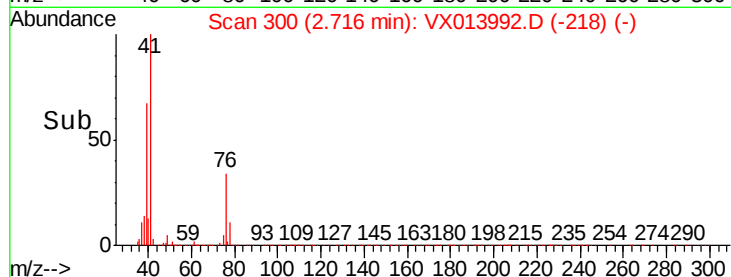
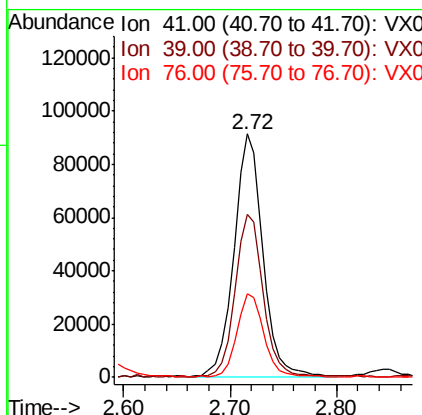
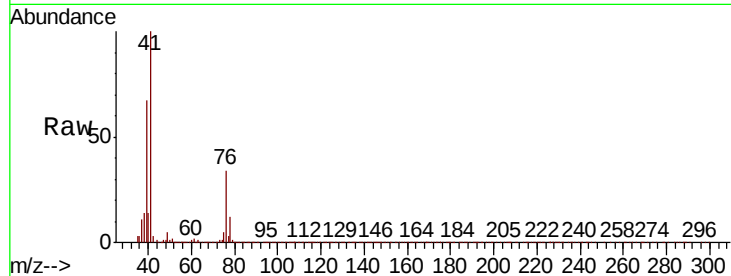




#17
Allvl chloride
Concen: 17.469 ug/l
RT: 2.72 min Scan# 300
Delta R.T. 0.00 min
Lab File: VX013992.D
Acq: 12 Dec 2019 22:58

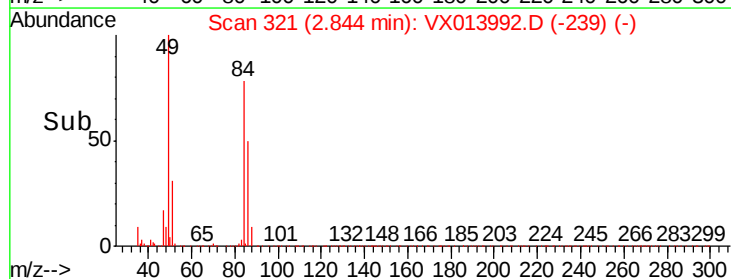
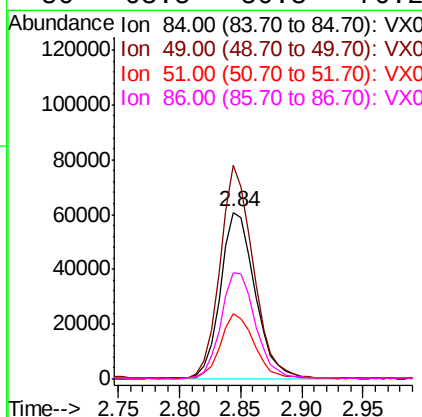
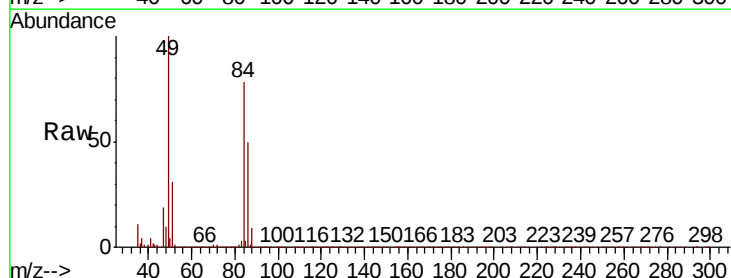
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

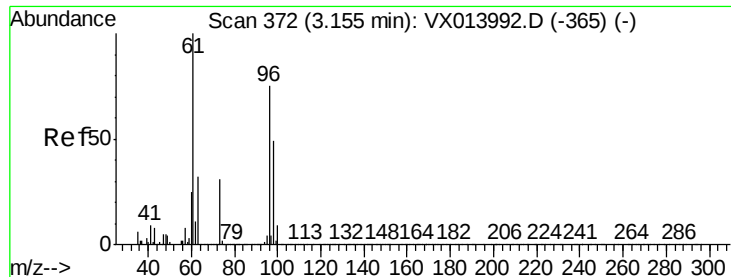
Tot Ion	Ratio	Lower	Upper
41	100		
39	66.8	33.4	100.2
76	33.9	17.0	50.9



#18
Methylene Chloride
Concen: 18.918 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX013992.D
Acq: 12 Dec 2019 22:58

Tgt Ion	Ratio	Lower	Upper
84	100		
49	127.7	102.2	153.2
51	39.2	31.4	47.0
86	63.5	50.8	76.2





#19

trans-1,2-Dichloroethene

Concen: 17.939 ug/l

RT: 3.15 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX013992.D

Acq: 12 Dec 2019 22:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

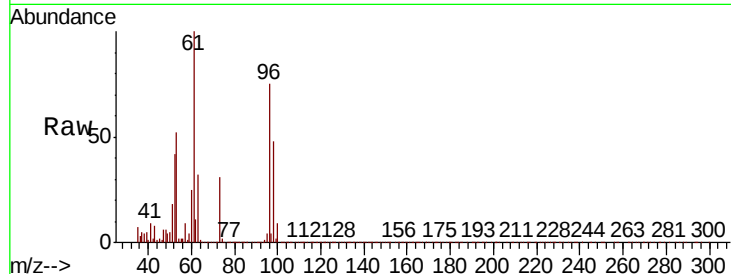
Tot Ion: 96 Resp: 104659

Ion Ratio Lower Upper

96 100

61 133.2 106.6 159.8

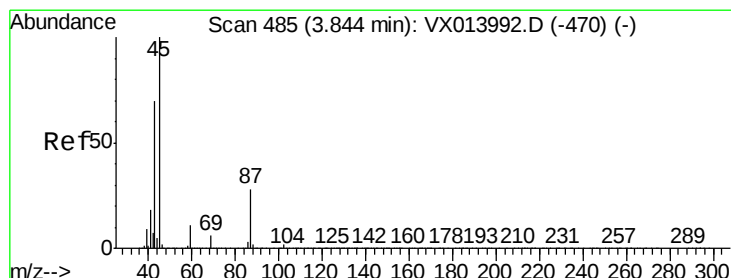
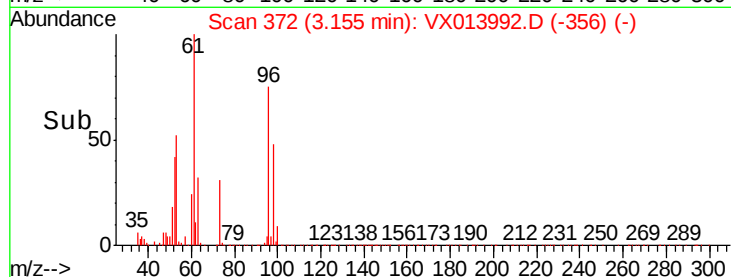
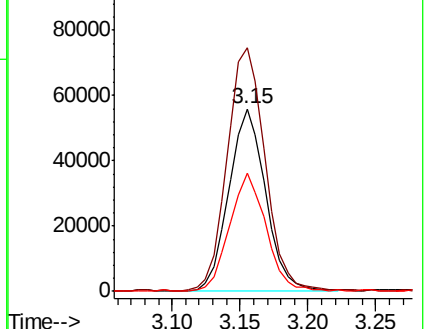
98 64.5 51.6 77.4



Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



#20

Diisopropyl ether

Concen: 18.605 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX013992.D

Acq: 12 Dec 2019 22:58

Tgt Ion: 45 Resp: 362096

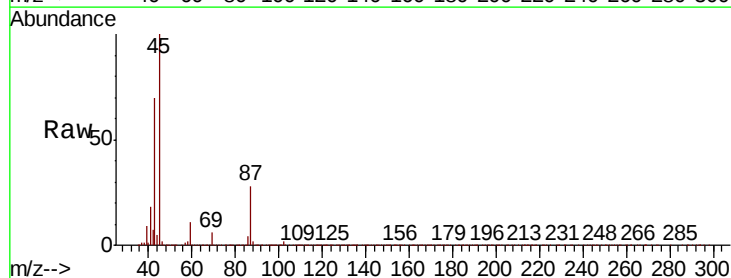
Ion Ratio Lower Upper

45 100

43 69.9 55.9 83.9

87 27.7 22.2 33.2

59 10.8 8.6 13.0

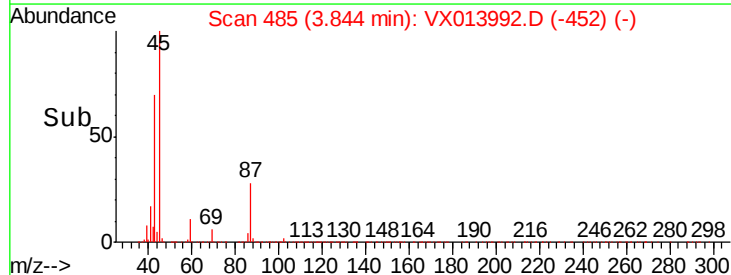
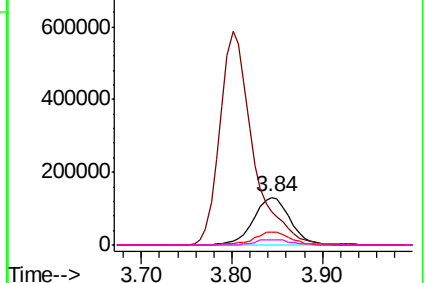


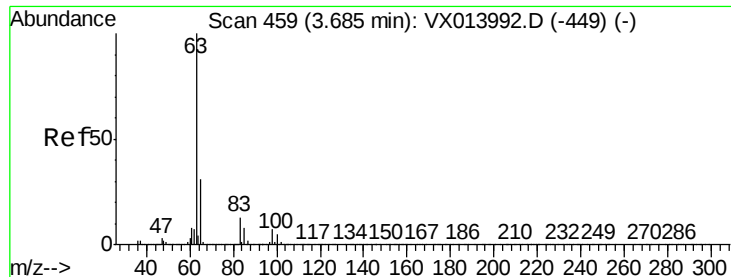
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0

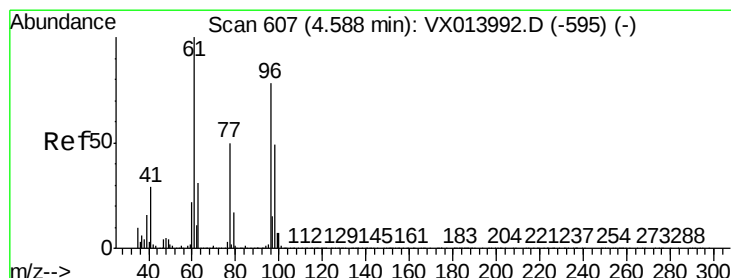
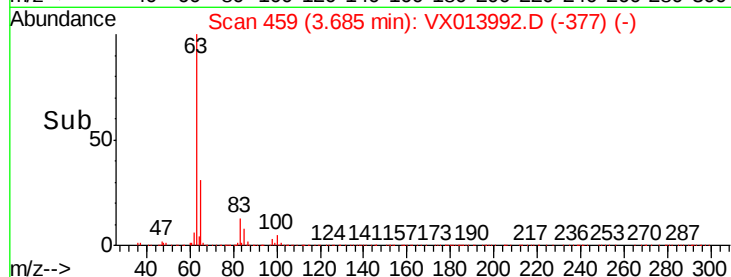
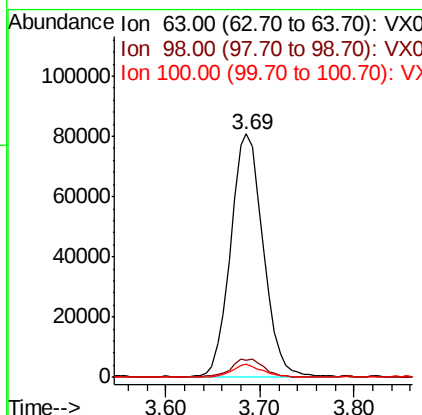
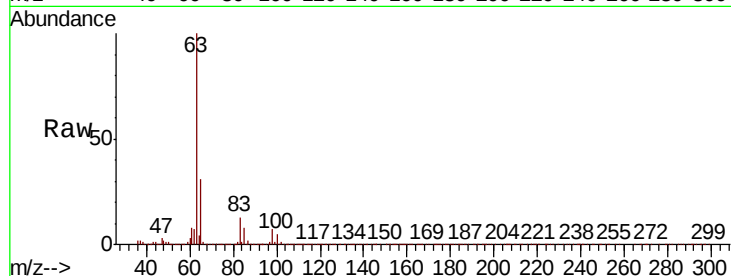




#21
1,1-Dichloroethane
Concen: 18.327 ug/l
RT: 3.69 min Scan# 459
Delta R.T. 0.00 min
Lab File: VX013992.D
Acq: 12 Dec 2019 22:58

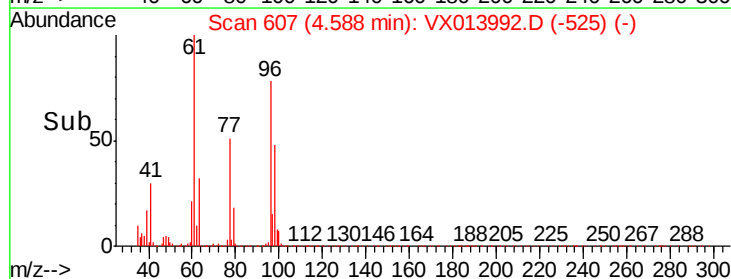
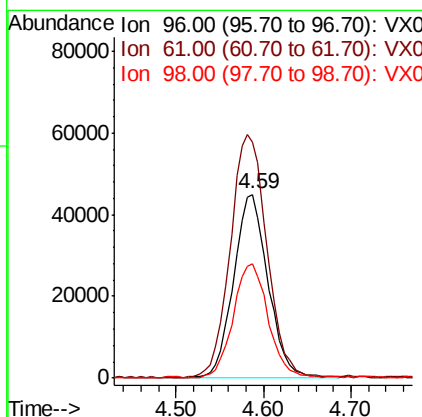
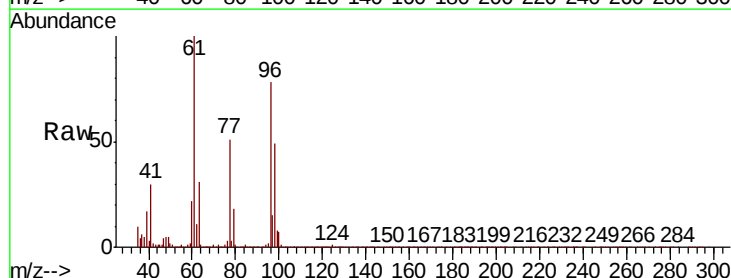
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

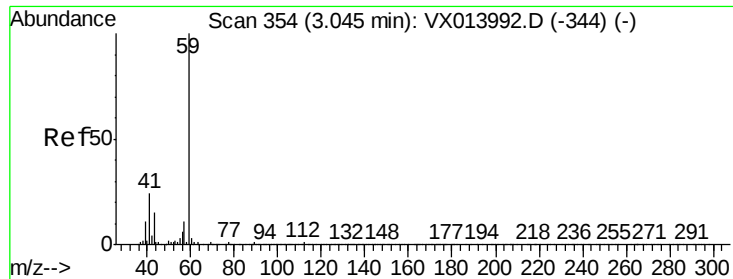
Tot Ion	Ratio	Lower	Upper
63	100		
98	6.7	3.4	10.1
100	4.9	2.5	7.4



#22
cis-1,2-Dichloroethene
Concen: 18.314 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX013992.D
Acq: 12 Dec 2019 22:58

Tgt Ion	Ratio	Lower	Upper
96	100		
61	140.5	112.4	168.6
98	62.9	50.3	75.5





#23

tert-Butyl Alcohol

Concen: 70.838 ug/l

RT: 3.05 min Scan# 354

Delta R.T. 0.00 min

Lab File: VX013992.D

Acq: 12 Dec 2019 22:58

Instrument :

MSVOA_X

ClientSampleId :

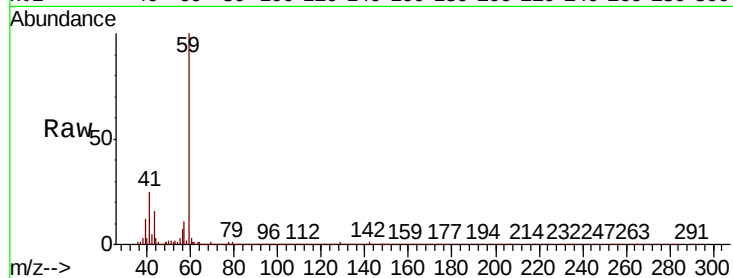
VSTDICCC020

Tot Ion: 59 Resp: 115707

Ion Ratio Lower Upper

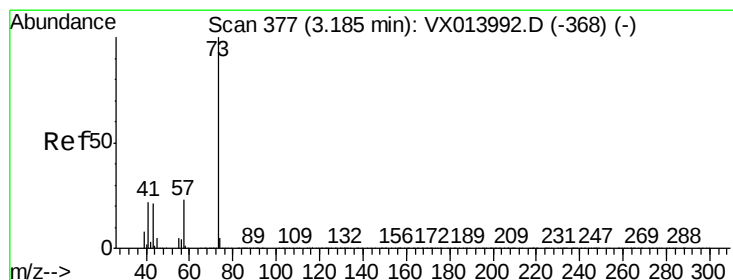
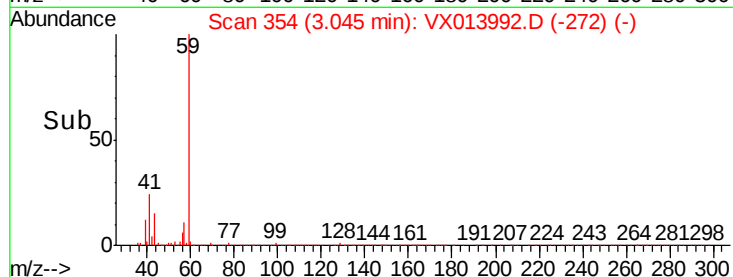
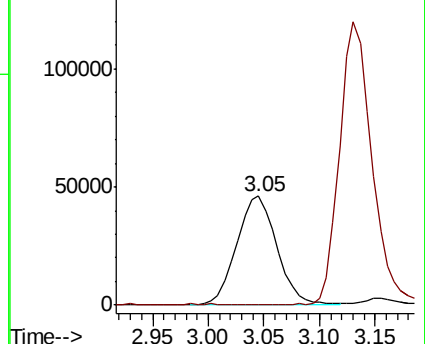
59 100

52 0.2 0.2 0.2



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#24

Methyl tert-Butyl Ether

Concen: 18.181 ug/l

RT: 3.19 min Scan# 377

Delta R.T. 0.00 min

Lab File: VX013992.D

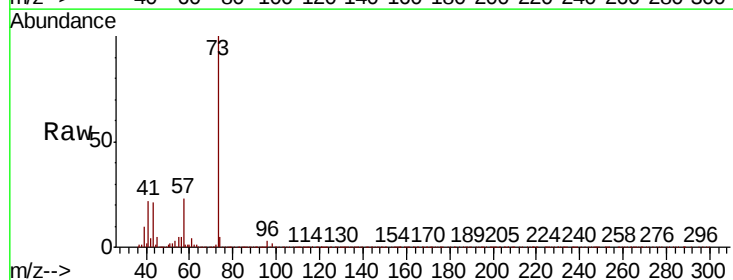
Acq: 12 Dec 2019 22:58

Tgt Ion: 73 Resp: 328536

Ion Ratio Lower Upper

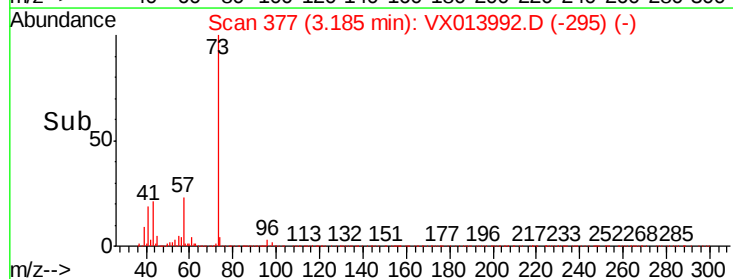
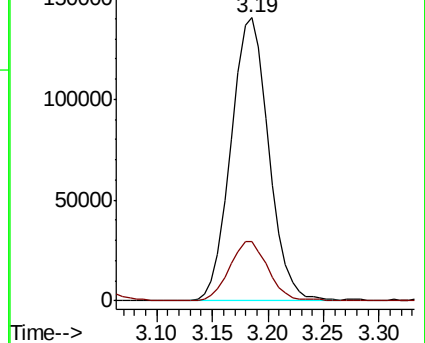
73 100

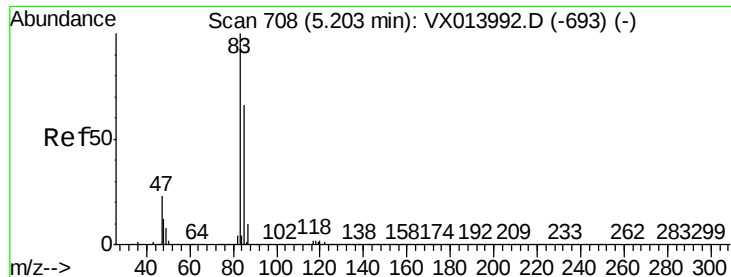
43 20.8 16.6 25.0



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 43.00 (42.70 to 43.70): VX0





#25

Chloroform

Concen: 18.161 ug/l

RT: 5.20 min Scan# 708

Delta R.T. 0.00 min

Lab File: VX013992.D

Acq: 12 Dec 2019 22:58

Instrument :

MSVOA_X

ClientSampleId :

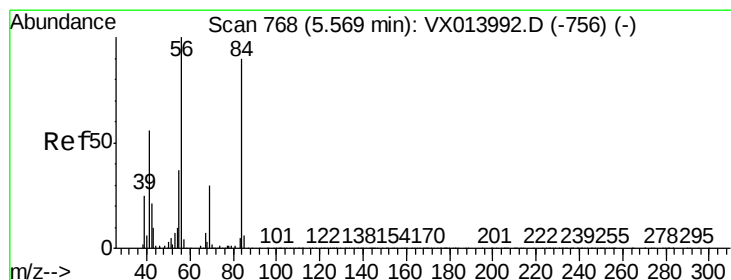
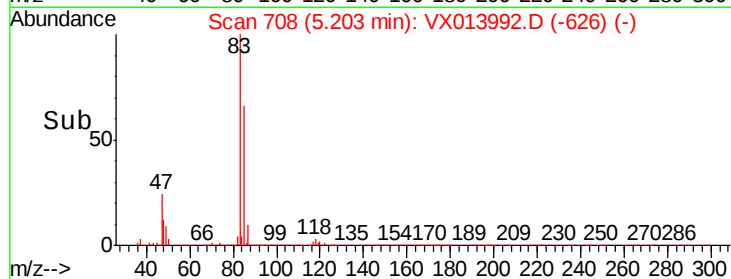
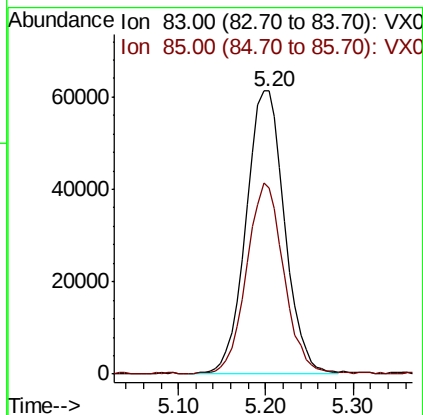
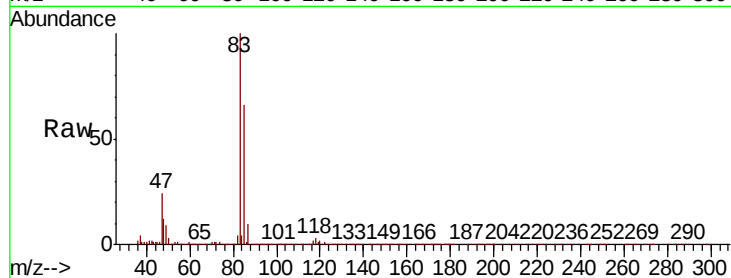
VSTDICCC020

Tot Ion: 83 Resp: 187296

Ion Ratio Lower Upper

83 100

85 65.9 52.7 79.1



#26

Cyclohexane

Concen: 18.184 ug/l

RT: 5.57 min Scan# 768

Delta R.T. 0.00 min

Lab File: VX013992.D

Acq: 12 Dec 2019 22:58

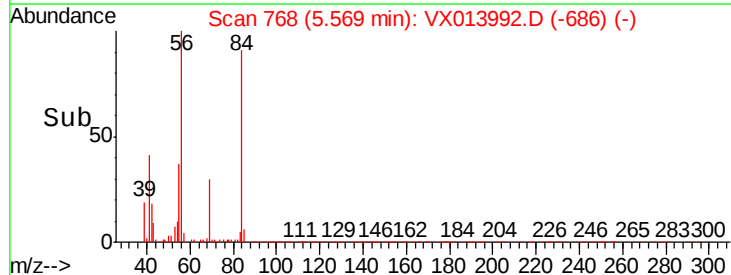
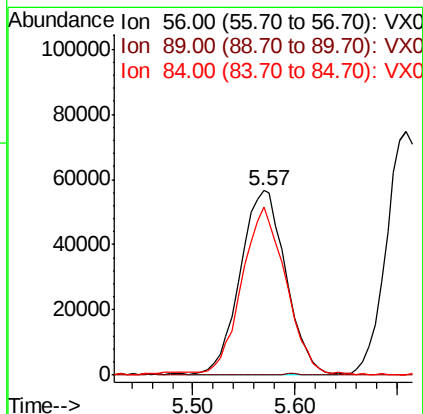
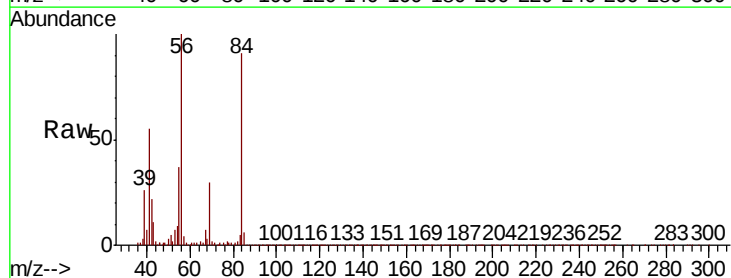
Tgt Ion: 56 Resp: 174666

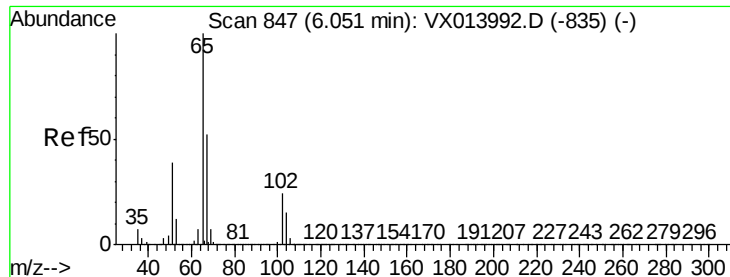
Ion Ratio Lower Upper

56 100

89 0.1 0.1 0.1#

84 88.5 70.8 106.2





#27

1,2-Dichloroethane-d4

Concen: 29.217 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX013992.D

Acq: 12 Dec 2019 22:58

Instrument :

MSVOA_X

ClientSampleId :

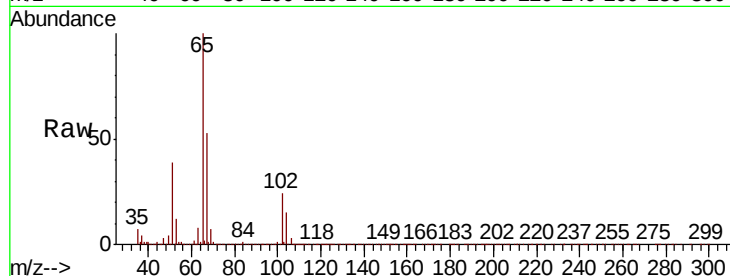
VSTDICCC020

Tot Ion: 65 Resp: 191798

Ion Ratio Lower Upper

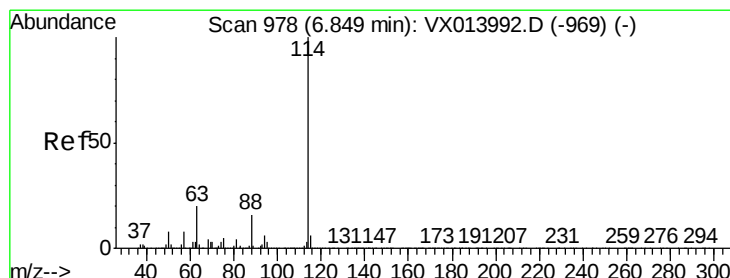
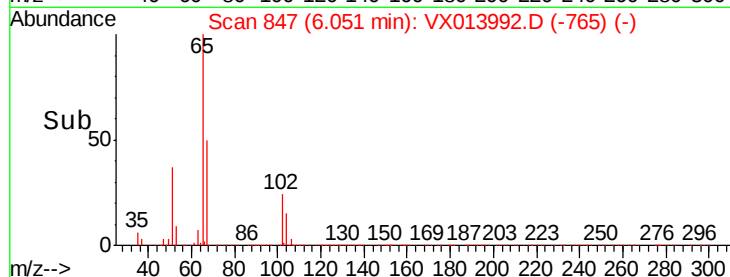
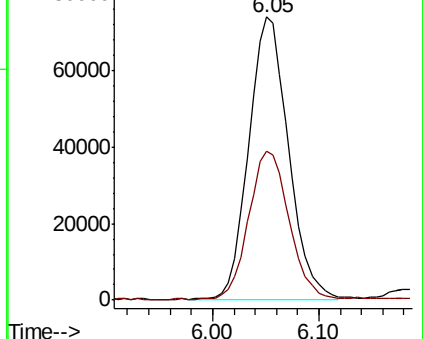
65 100

67 53.9 43.1 64.7



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX013992.D

Acq: 12 Dec 2019 22:58

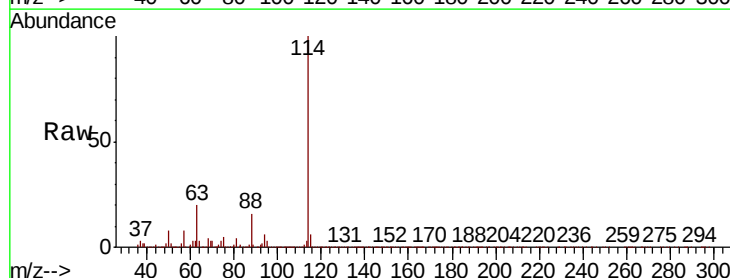
Tgt Ion: 114 Resp: 499484

Ion Ratio Lower Upper

114 100

63 20.1 16.1 24.1

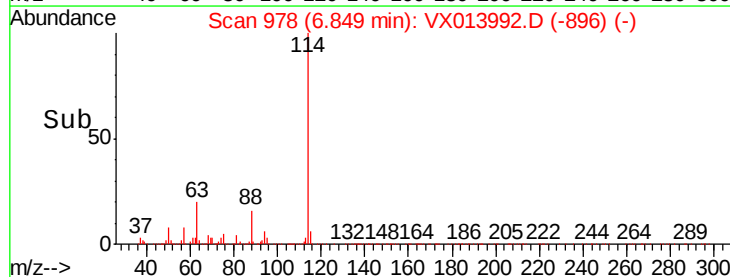
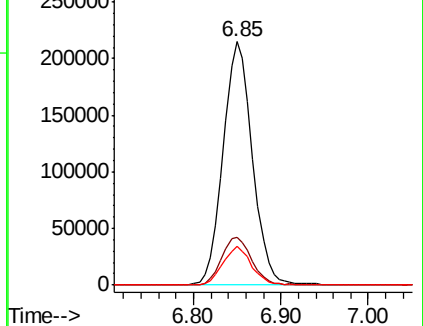
88 15.6 12.5 18.7

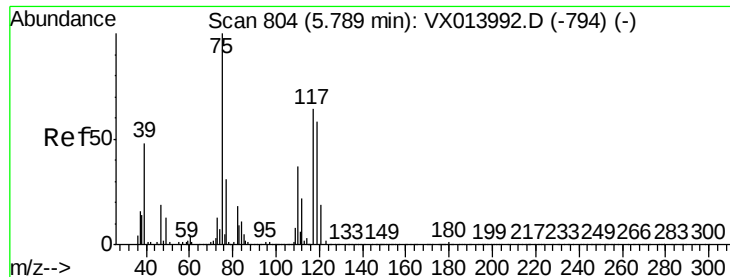


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0





#29

1,1-Dichloropropene

Concen: 18.395 ug/l

RT: 5.79 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX013992.D

Acq: 12 Dec 2019 22:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

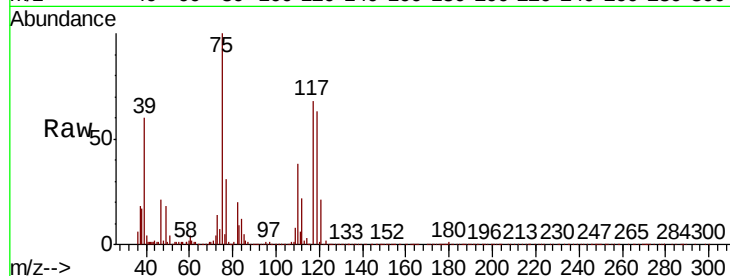
Tot Ion: 75 Resp: 139935

Ion Ratio Lower Upper

75 100

110 36.9 0.0 73.8

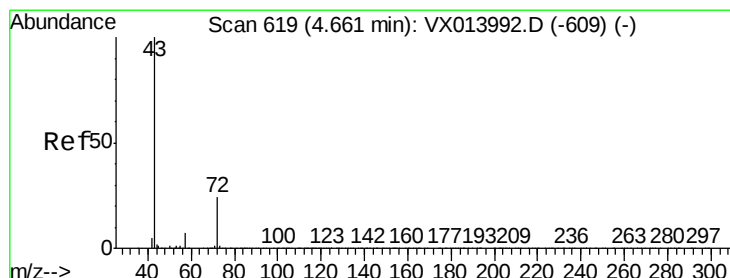
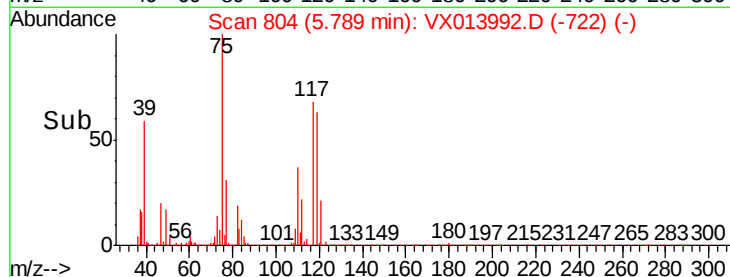
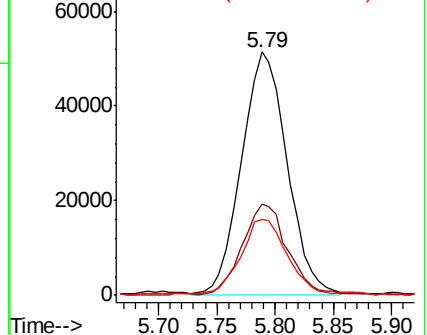
77 31.2 0.0 62.4



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 110.00 (109.70 to 110.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#30

2-Butanone

Concen: 84.423 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.00 min

Lab File: VX013992.D

Acq: 12 Dec 2019 22:58

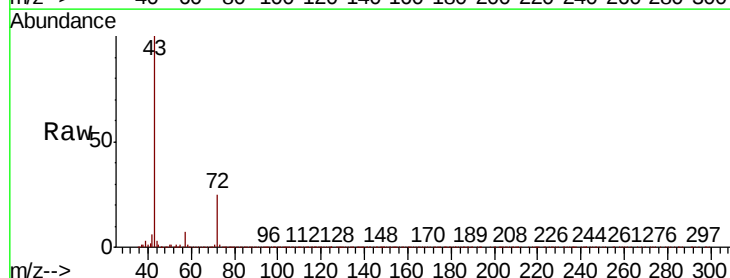
Tgt Ion: 43 Resp: 409477

Ion Ratio Lower Upper

43 100

57 7.7 6.2 9.2

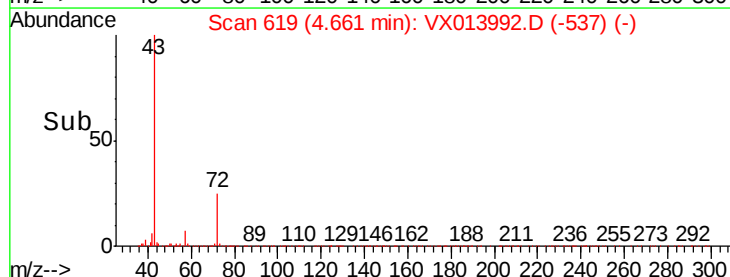
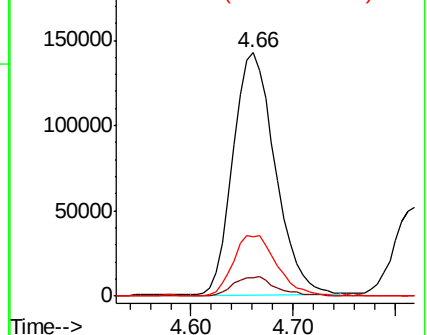
72 25.4 20.3 30.5

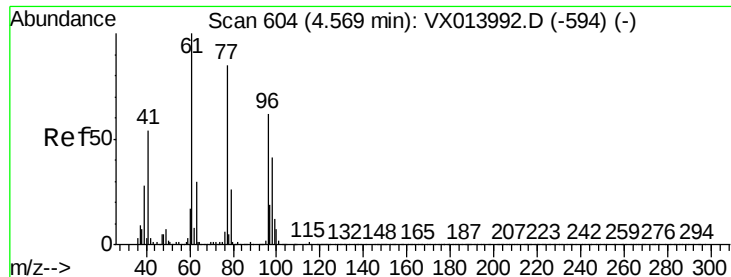


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

Ion 72.00 (71.70 to 72.70): VX0





#31

2,2-Dichloropropane

Concen: 16.309 ug/l

RT: 4.57 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX013992.D

Acq: 12 Dec 2019 22:58

Instrument :

MSVOA_X

ClientSampleId :

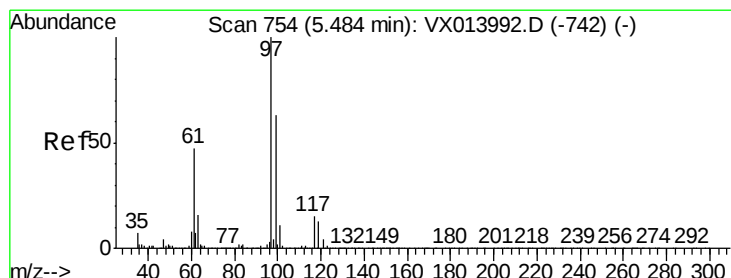
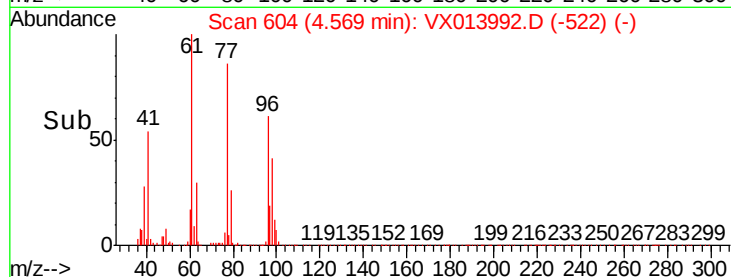
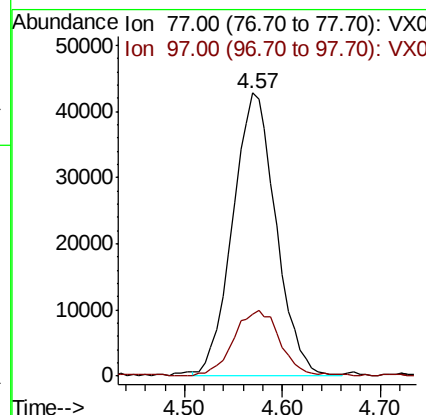
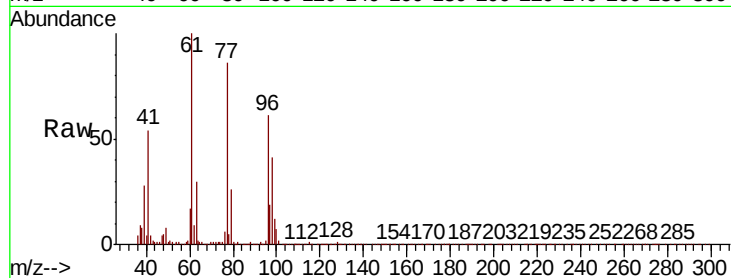
VSTDICCC020

Tot Ion: 77 Resp: 130055

Ion Ratio Lower Upper

77 100

97 24.6 19.7 29.5



#32

1,1,1-Trichloroethane

Concen: 18.235 ug/l

RT: 5.48 min Scan# 754

Delta R.T. 0.00 min

Lab File: VX013992.D

Acq: 12 Dec 2019 22:58

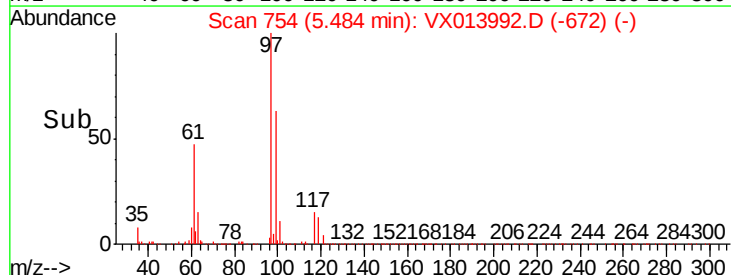
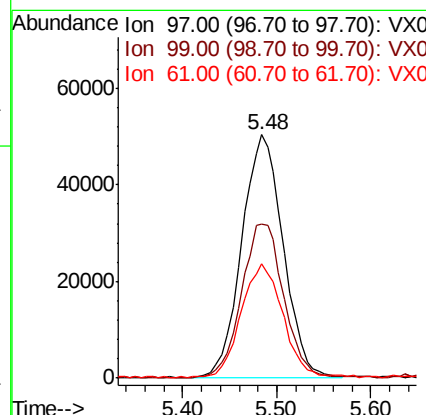
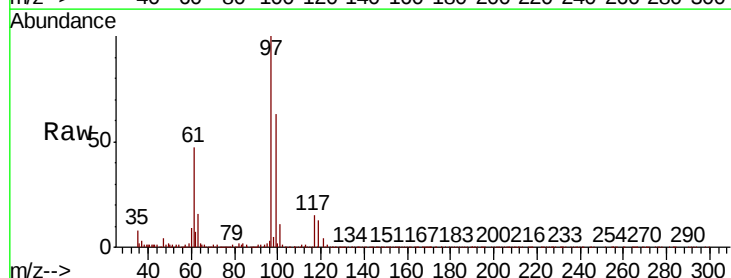
Tgt Ion: 97 Resp: 153096

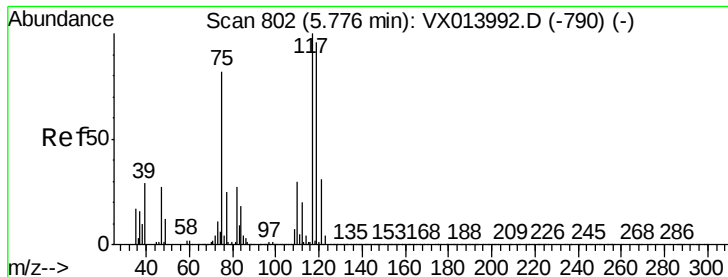
Ion Ratio Lower Upper

97 100

99 64.9 51.9 77.9

61 46.0 36.8 55.2

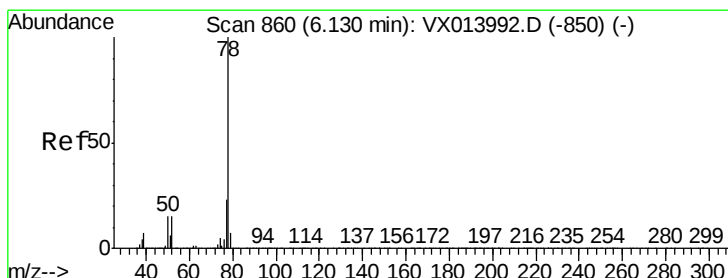
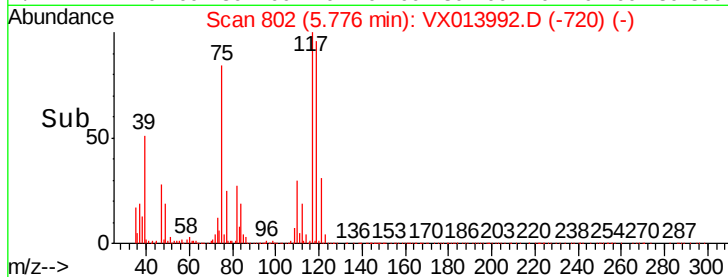
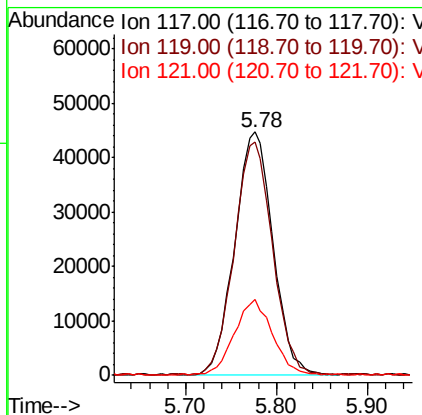
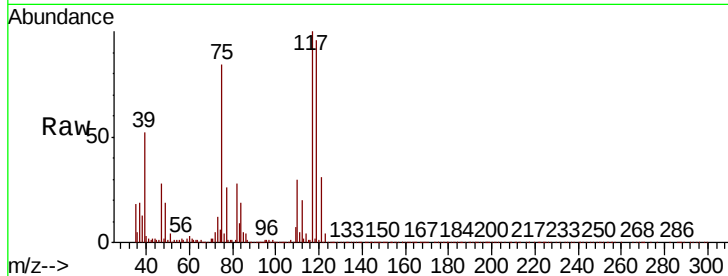




#33
Carbon Tetrachloride
Concen: 17.960 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX013992.D
Acq: 12 Dec 2019 22:58

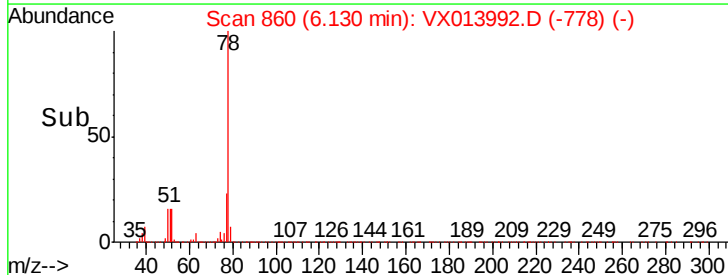
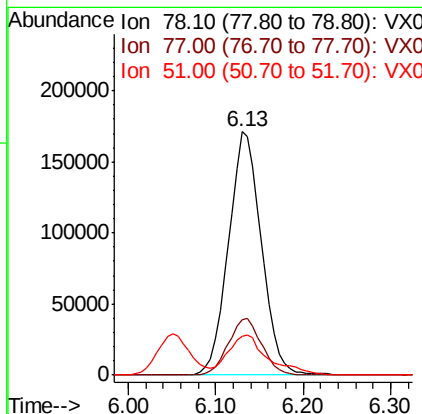
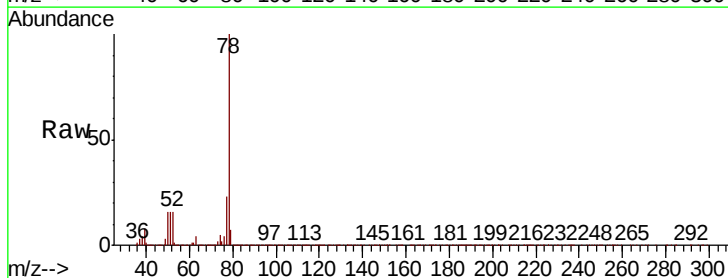
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

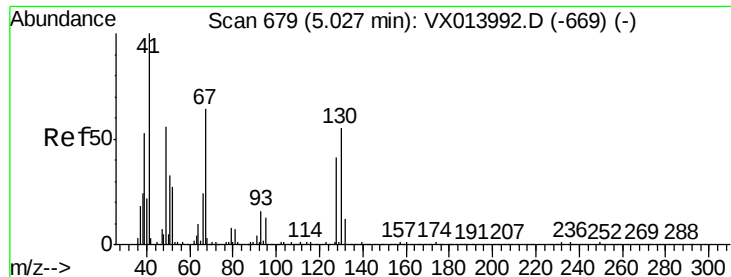
Tot Ion:117 Resp: 130319
Ion Ratio Lower Upper
117 100
119 96.5 77.2 115.8
121 31.0 24.8 37.2



#34
Benzene
Concen: 19.163 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX013992.D
Acq: 12 Dec 2019 22:58

Tgt Ion: 78 Resp: 443115
Ion Ratio Lower Upper
78 100
77 22.7 18.2 27.2
51 15.5 12.4 18.6

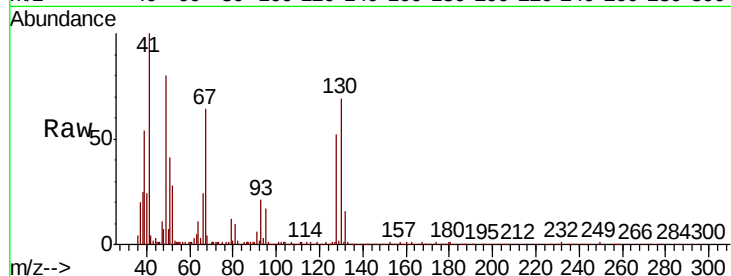




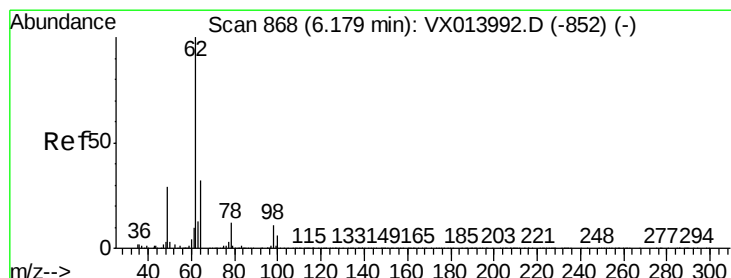
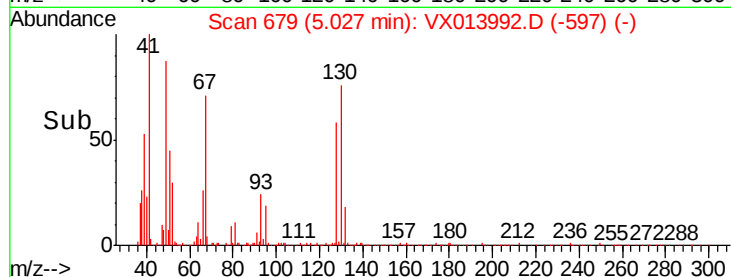
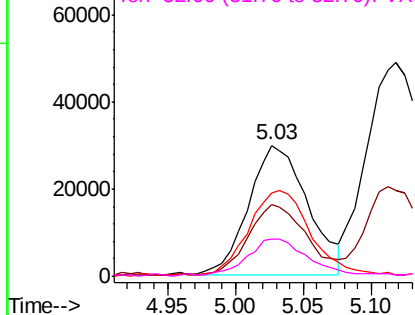
#35
Methacrylonitrile
Concen: 18.246 ug/l
RT: 5.03 min Scan# 679
Delta R.T. 0.00 min
Lab File: VX013992.D
Acq: 12 Dec 2019 22:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tot Ion:	41	Resp:	90607
Ion	Ratio	Lower	Upper
41	100		
39	53.4	26.7	80.1
67	63.0	31.5	94.5
52	25.6	12.8	38.4

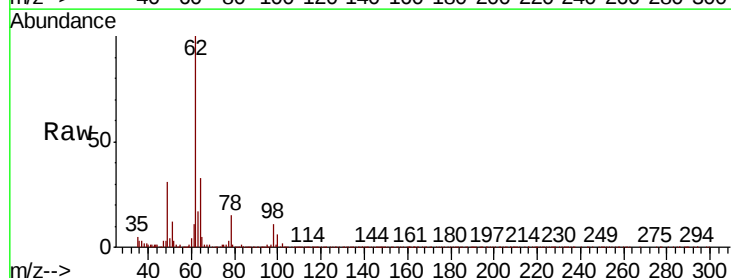


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

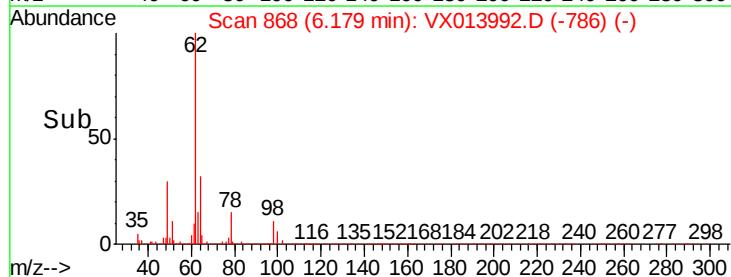
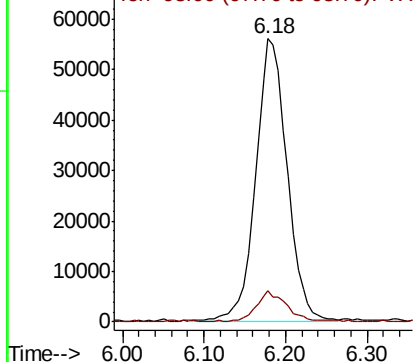


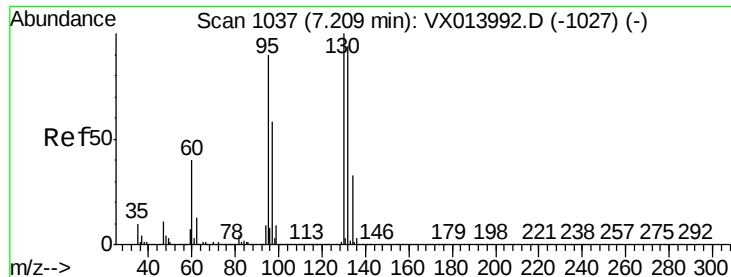
#36
1,2-Dichloroethane
Concen: 18.603 ug/l
RT: 6.18 min Scan# 868
Delta R.T. 0.00 min
Lab File: VX013992.D
Acq: 12 Dec 2019 22:58

Tgt Ion:	62	Resp:	149567
Ion	Ratio	Lower	Upper
62	100		
98	10.5	8.4	12.6



Abundance Ion 62.00 (61.70 to 62.70): VX0
Ion 98.00 (97.70 to 98.70): VX0





#37

Trichloroethene

Concen: 19.048 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.00 min

Lab File: VX013992.D

Acq: 12 Dec 2019 22:58

Instrument :

MSVOA_X

ClientSampleId :

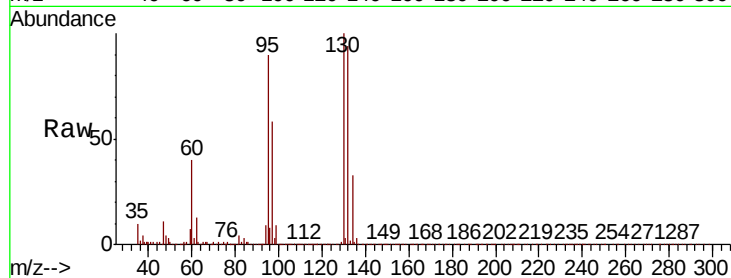
VSTDICCC020

Tot Ion:130 Resp: 118468

Ion Ratio Lower Upper

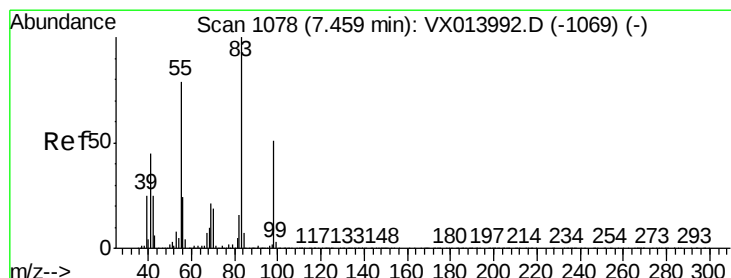
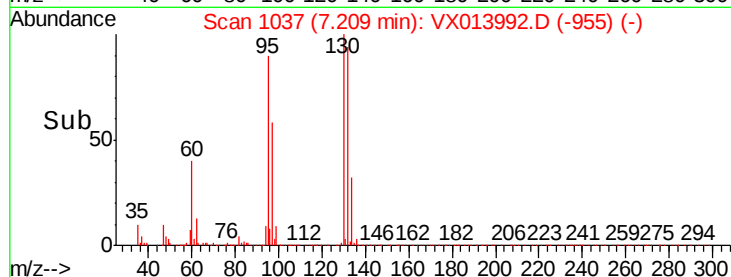
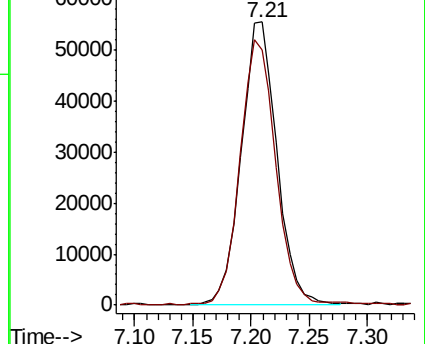
130 100

95 89.6 71.7 107.5



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0



#38

Methylcyclohexane

Concen: 17.934 ug/l

RT: 7.46 min Scan# 1078

Delta R.T. 0.00 min

Lab File: VX013992.D

Acq: 12 Dec 2019 22:58

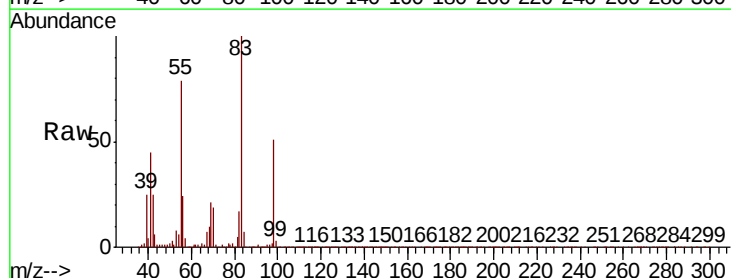
Tgt Ion: 83 Resp: 165893

Ion Ratio Lower Upper

83 100

55 78.7 39.4 118.1

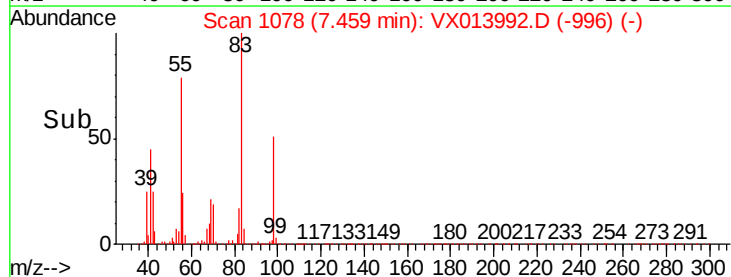
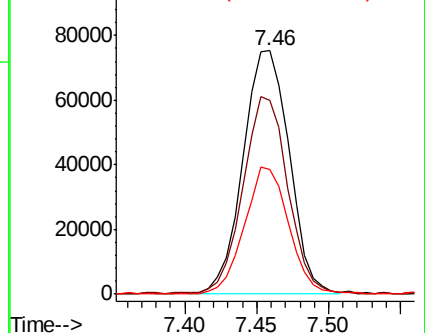
98 50.2 25.1 75.3

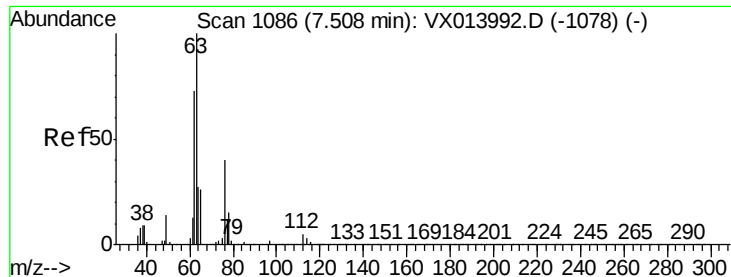


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#39

1,2-Dichloropropane

Concen: 19.052 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX013992.D

Acq: 12 Dec 2019 22:58

Instrument :

MSVOA_X

ClientSampleId :

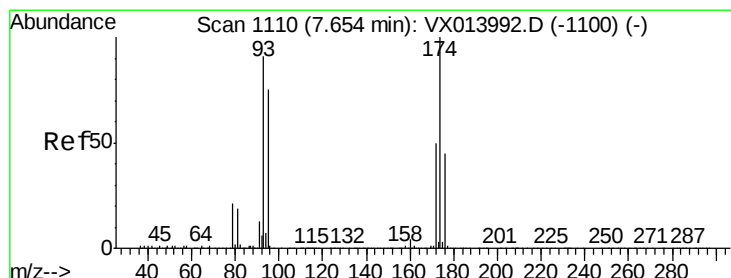
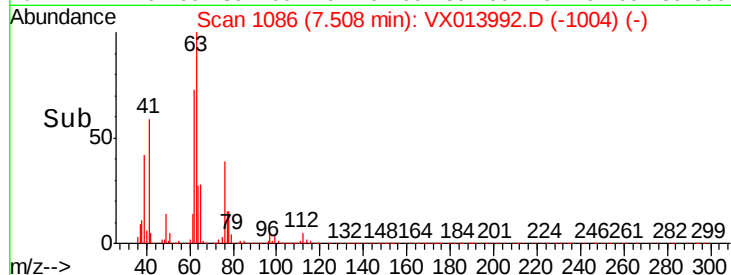
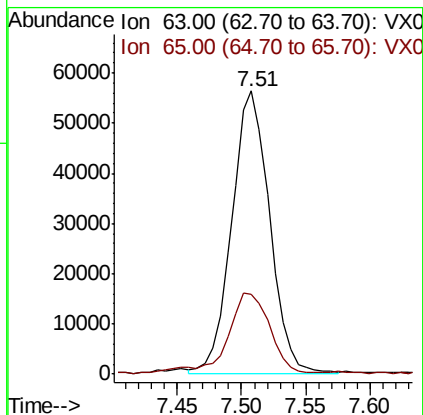
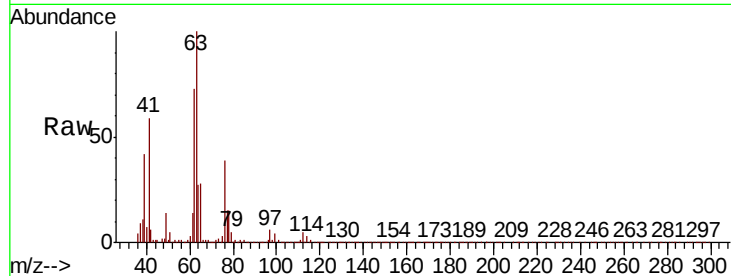
VSTDICCC020

Tot Ion: 63 Resp: 114137

Ion Ratio Lower Upper

63 100

65 27.6 22.1 33.1



#40

Dibromomethane

Concen: 18.479 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX013992.D

Acq: 12 Dec 2019 22:58

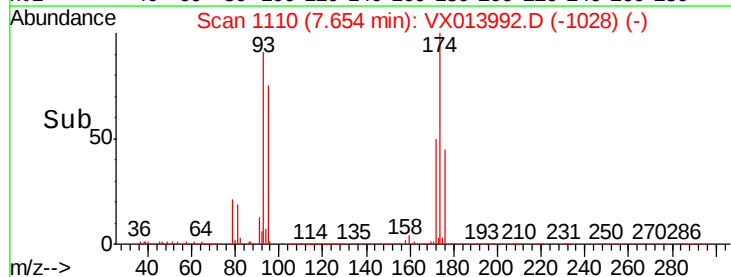
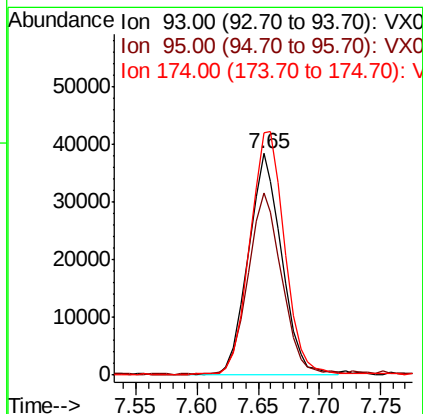
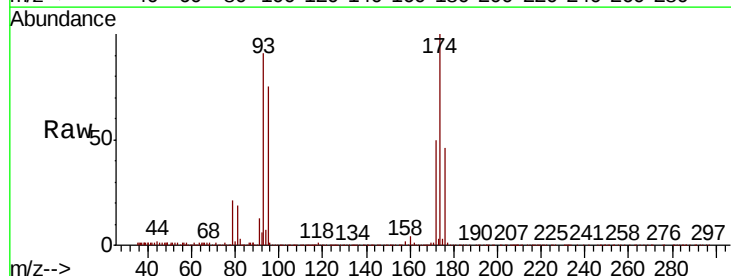
Tgt Ion: 93 Resp: 73045

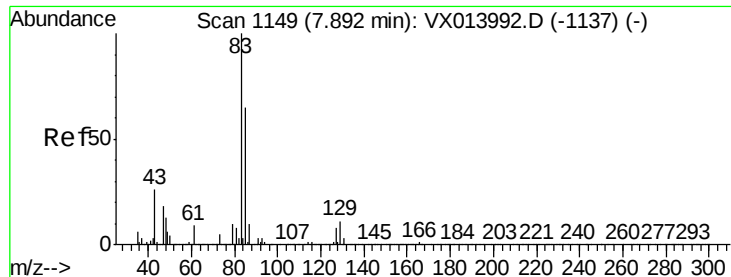
Ion Ratio Lower Upper

93 100

95 82.2 0.0 164.4

174 114.4 0.0 228.8





#41

Bromodichloromethane

Concen: 17.951 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX013992.D

Acq: 12 Dec 2019 22:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

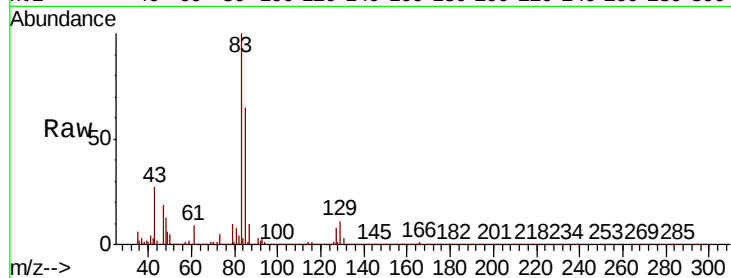
Tot Ion: 83 Resp: 137458

Ion Ratio Lower Upper

83 100

85 64.5 51.6 77.4

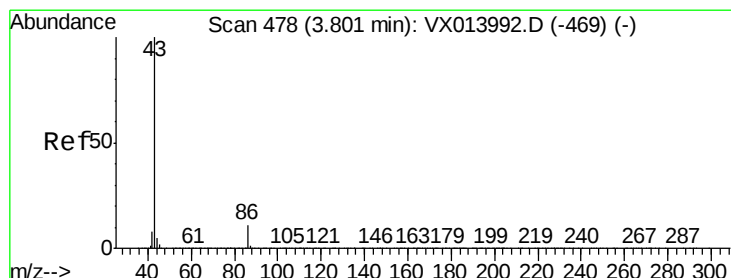
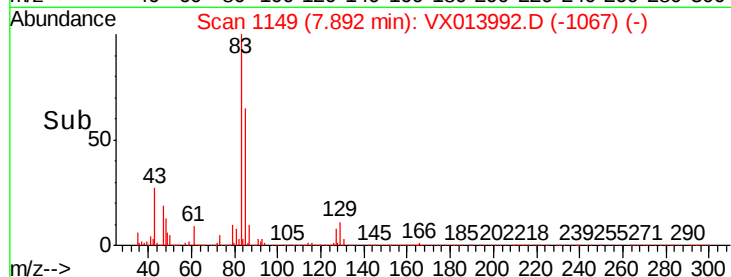
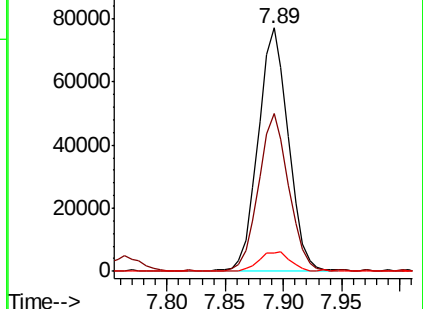
127 7.5 6.0 9.0



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0

Ion 127.00 (126.70 to 127.70): V



#42

Vinyl Acetate

Concen: 94.480 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX013992.D

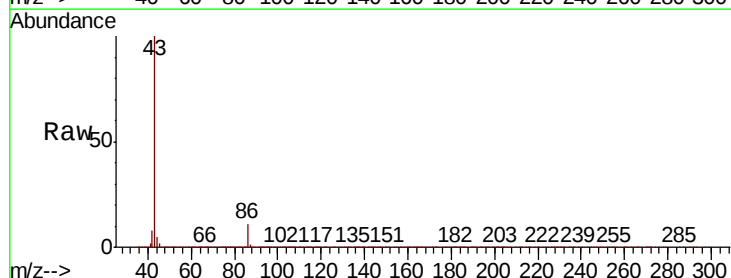
Acq: 12 Dec 2019 22:58

Tgt Ion: 43 Resp: 1493147

Ion Ratio Lower Upper

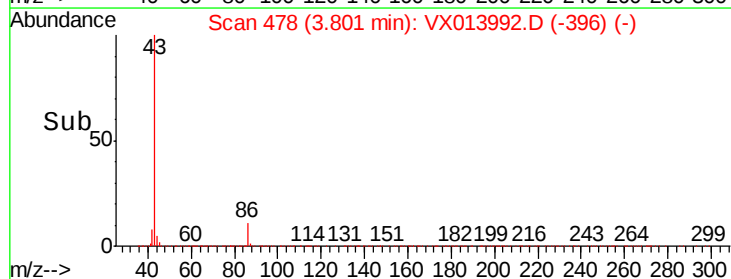
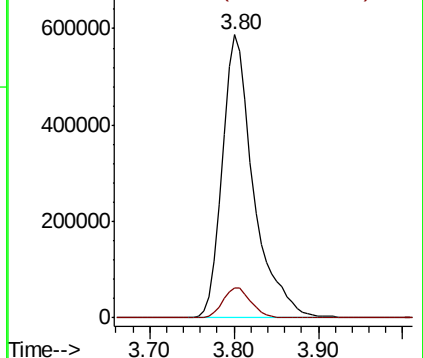
43 100

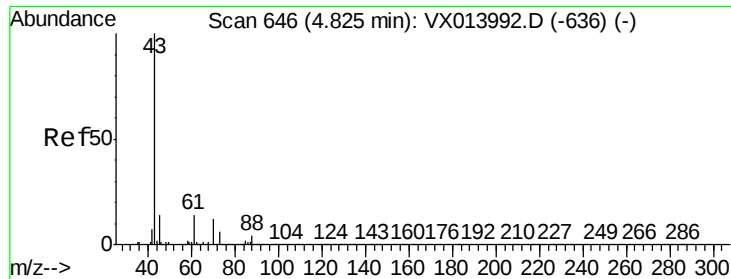
86 9.6 7.7 11.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

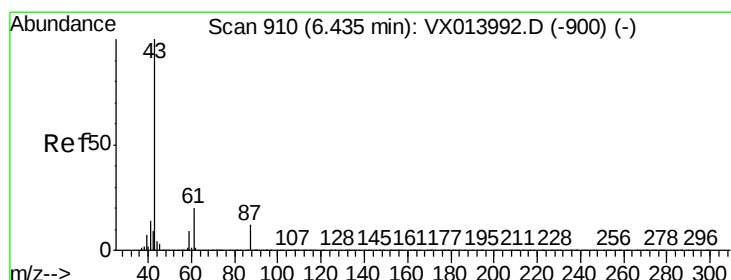
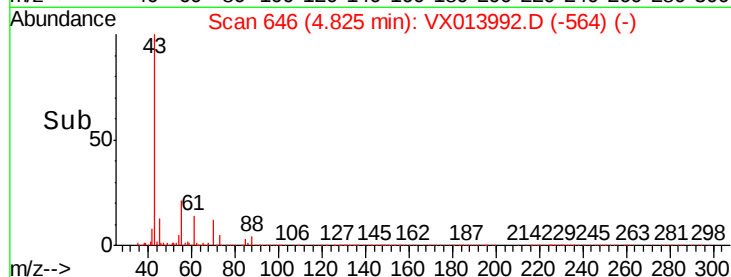
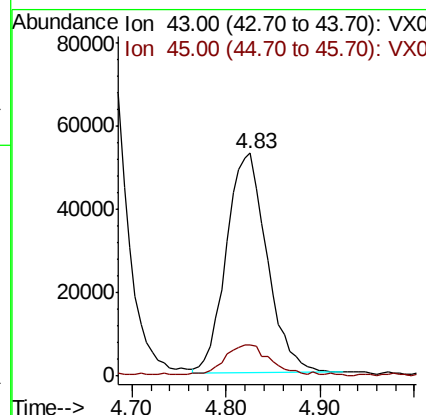
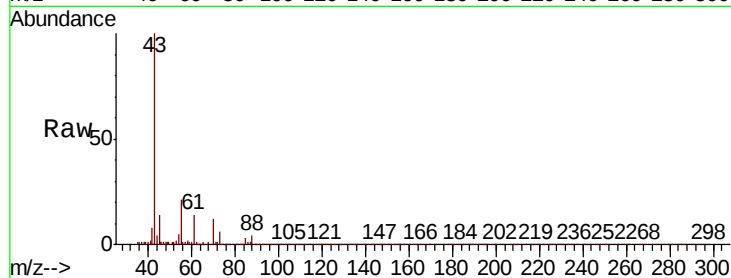




#43
Ethyl Acetate
Concen: 17.622 ug/l
RT: 4.83 min Scan# 646
Delta R.T. 0.00 min
Lab File: VX013992.D
Acq: 12 Dec 2019 22:58

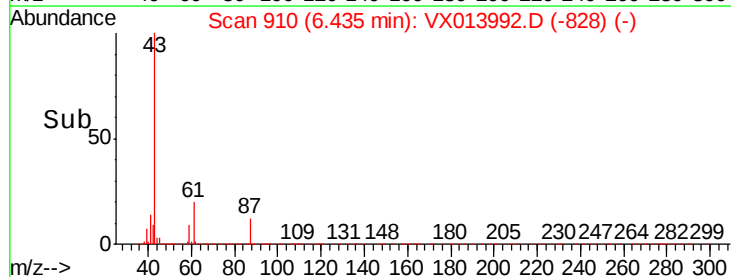
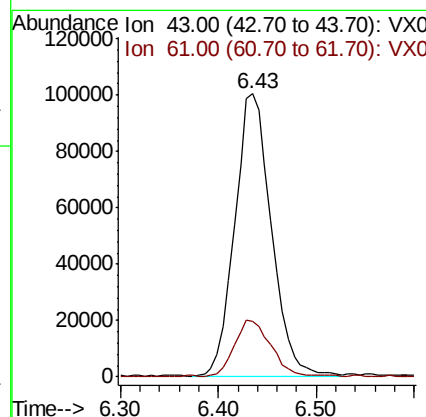
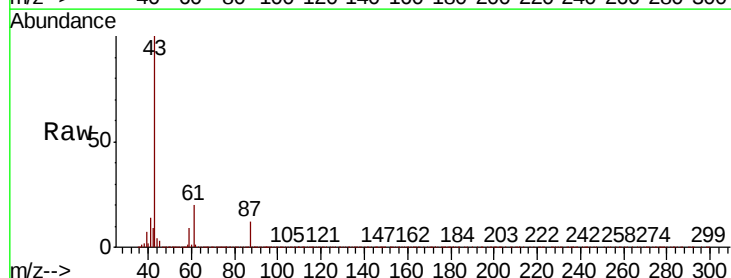
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

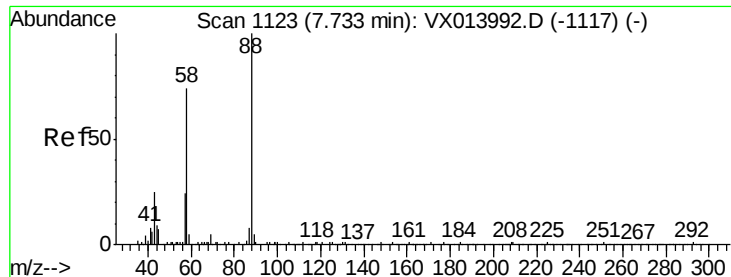
Tot Ion: 43 Resp: 158337
Ion Ratio Lower Upper
43 100
45 14.8 11.8 17.8



#44
Isopropyl Acetate
Concen: 17.779 ug/l
RT: 6.43 min Scan# 910
Delta R.T. 0.00 min
Lab File: VX013992.D
Acq: 12 Dec 2019 22:58

Tgt Ion: 43 Resp: 259067
Ion Ratio Lower Upper
43 100
61 19.9 15.9 23.9

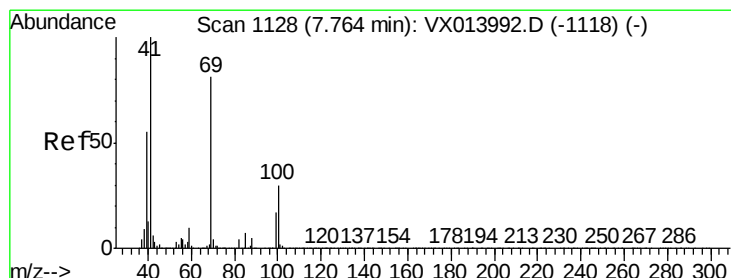
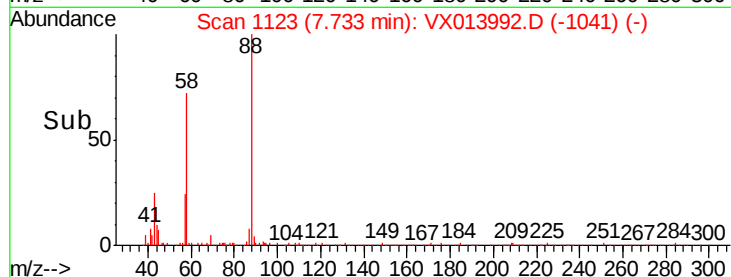
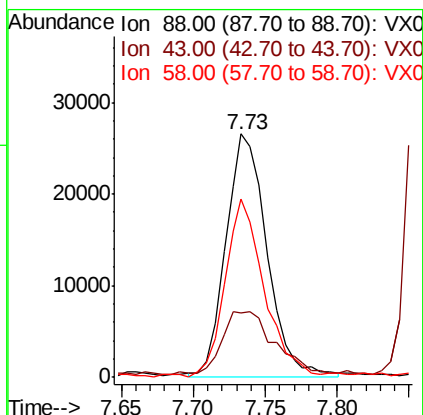
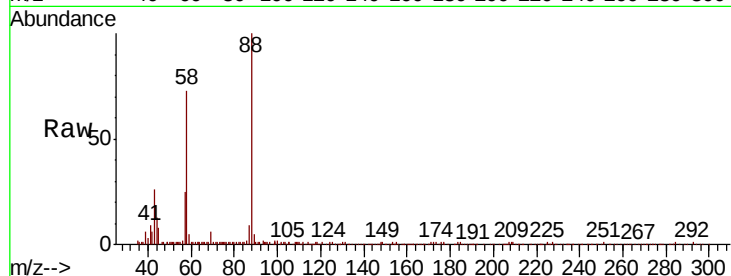




#45
1,4-Dioxane
Concen: 330.159 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX013992.D
Acq: 12 Dec 2019 22:58

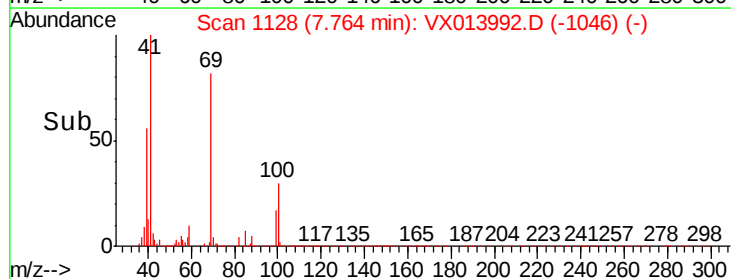
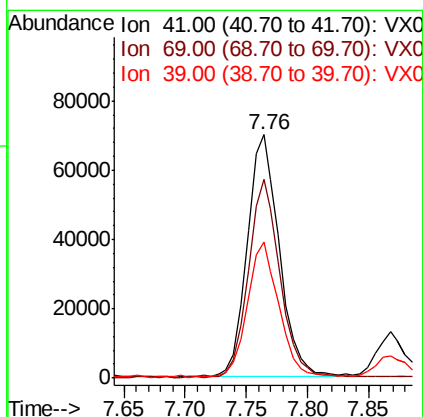
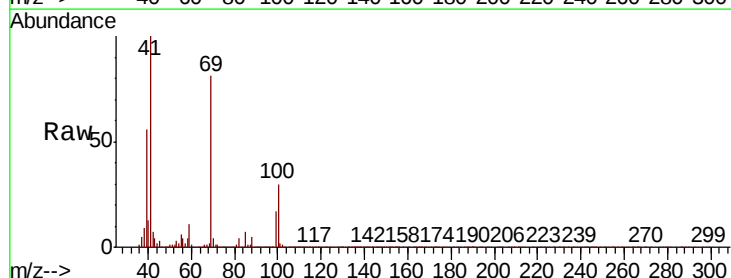
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

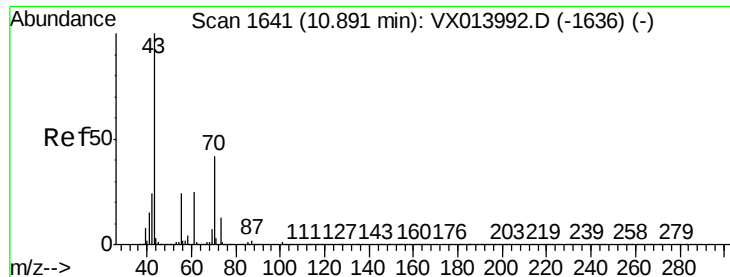
Tot Ion	Ratio	Lower	Upper
88	100		
43	31.8	25.4	38.2
58	70.6	56.5	84.7



#46
Methyl methacrylate
Concen: 17.603 ug/l
RT: 7.76 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX013992.D
Acq: 12 Dec 2019 22:58

Tgt Ion	Ratio	Lower	Upper
41	100		
69	81.3	40.6	122.0
39	55.5	27.8	83.3





#47

n-amvl Acetate

Concen: 17.799 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX013992.D

Acq: 12 Dec 2019 22:58

Instrument :

MSVOA_X

ClientSampleId :

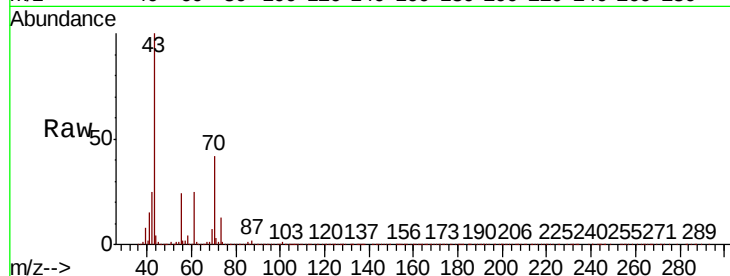
VSTDICCC020

Tot Ion: 43 Resp: 229019

Ion Ratio Lower Upper

43 100

55 24.3 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

200000

150000

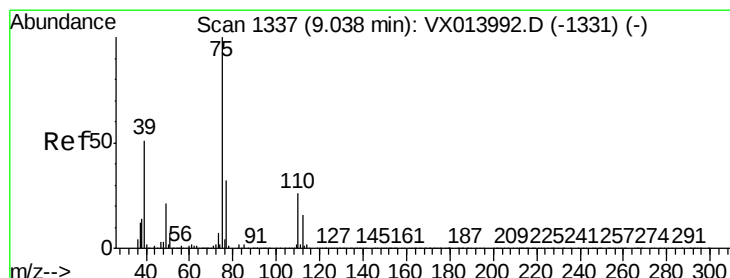
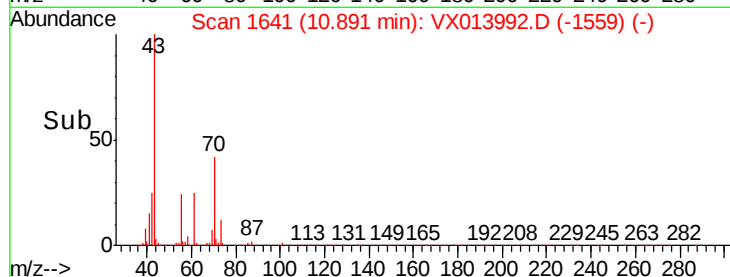
100000

50000

0

10.85 10.90 10.95

Time-->



#48

t-1,3-Dichloropropene

Concen: 16.782 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VX013992.D

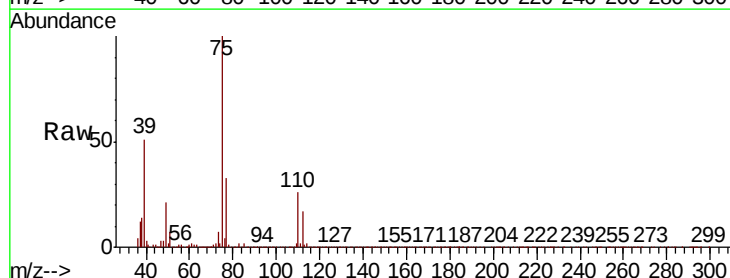
Acq: 12 Dec 2019 22:58

Tgt Ion: 75 Resp: 143751

Ion Ratio Lower Upper

75 100

77 32.5 26.0 39.0



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

120000

100000

80000

60000

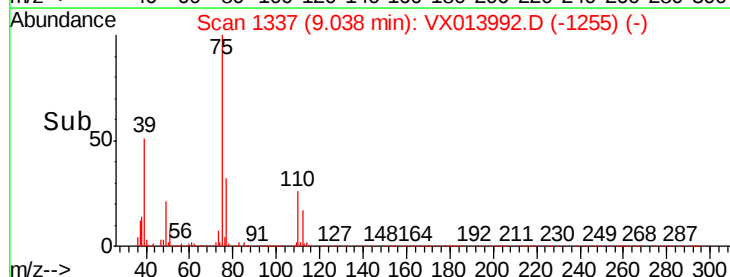
40000

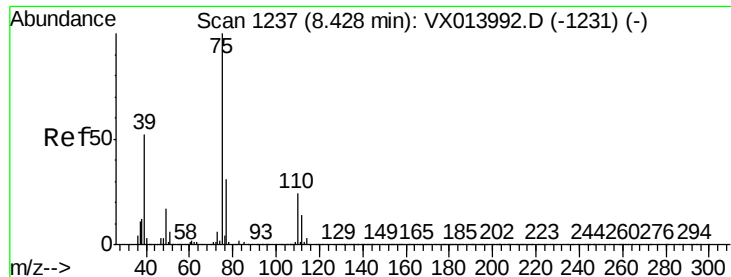
20000

0

9.00 9.05 9.10

Time-->



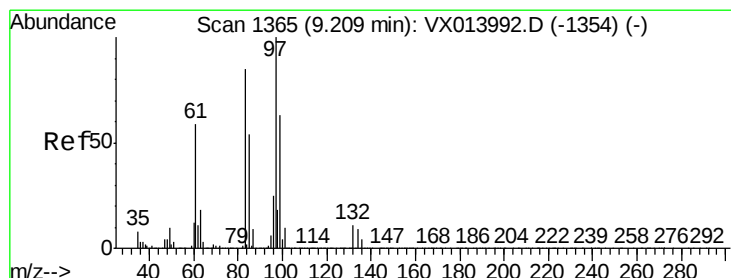
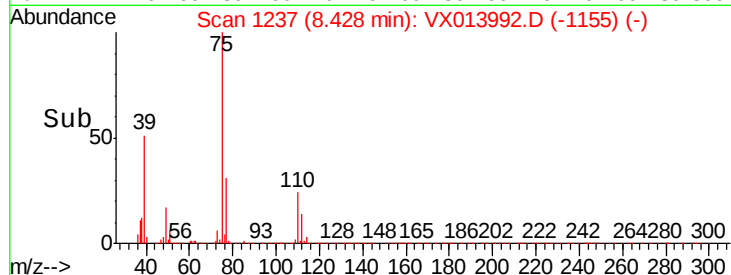
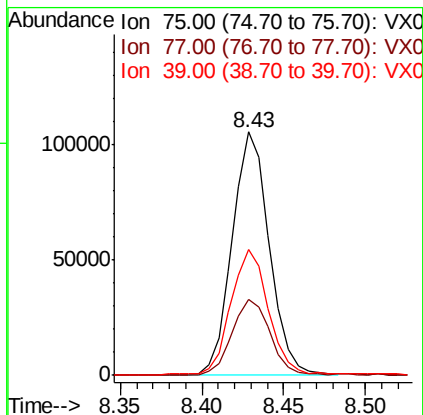
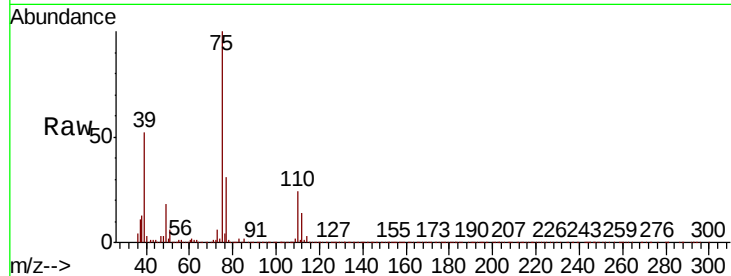


#49

cis-1,3-Dichloropropene
 Concen: 17.659 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. 0.00 min
 Lab File: VX013992.D
 Acq: 12 Dec 2019 22:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

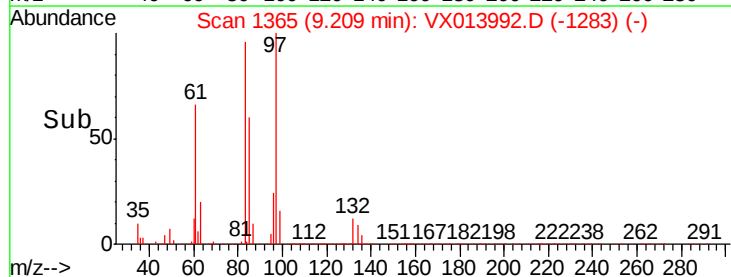
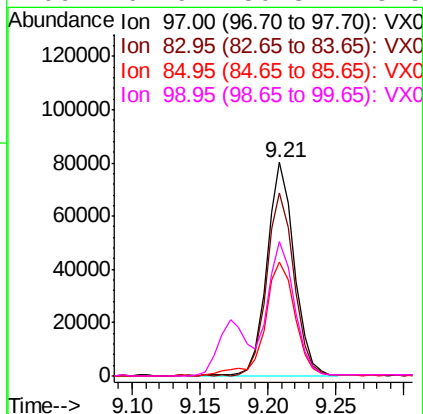
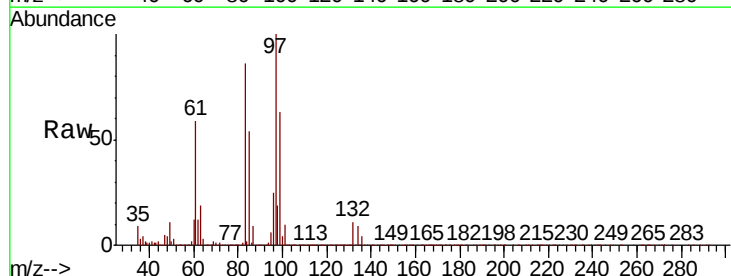
Tot Ion	Ratio	Lower	Upper
75	100		
77	31.0	24.8	37.2
39	51.4	41.1	61.7

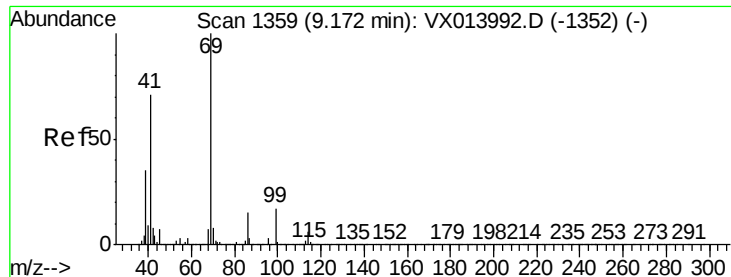


#50

1,1,2-Trichloroethane
 Concen: 19.219 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX013992.D
 Acq: 12 Dec 2019 22:58

Tgt Ion	Ratio	Lower	Upper
97	100		
83	85.1	68.1	102.1
85	53.4	42.7	64.1
99	62.9	50.3	75.5





#51

Ethyl methacrylate

Concen: 17.961 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VX013992.D

Acq: 12 Dec 2019 22:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

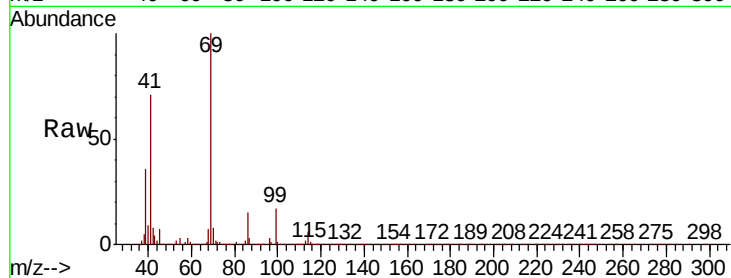
Tot Ion: 69 Resp: 173471

Ion Ratio Lower Upper

69 100

41 70.7 35.4 106.1

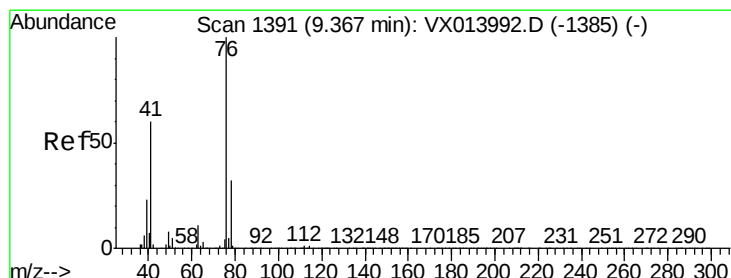
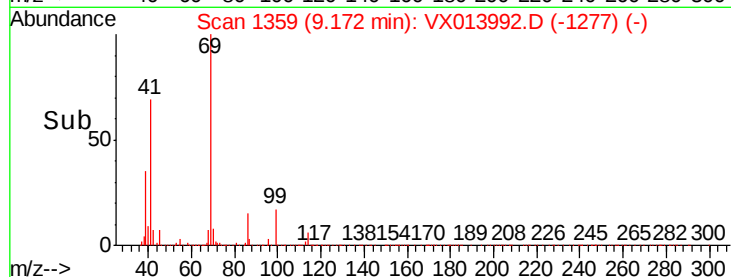
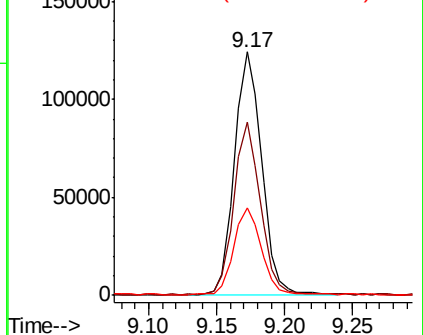
39 35.5 17.8 53.3



Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#52

1,3-Dichloropropane

Concen: 19.231 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX013992.D

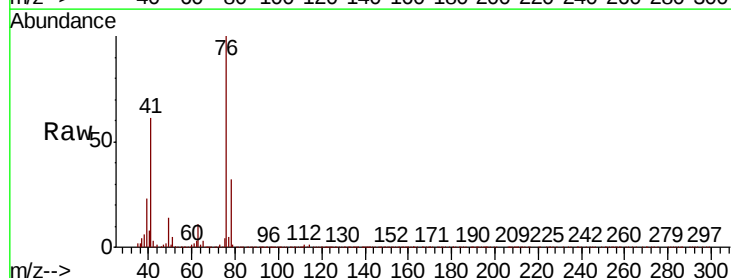
Acq: 12 Dec 2019 22:58

Tgt Ion: 76 Resp: 193558

Ion Ratio Lower Upper

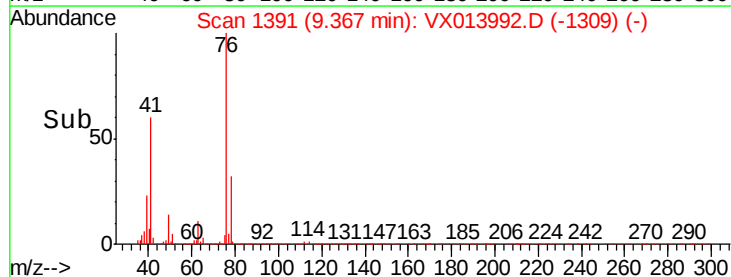
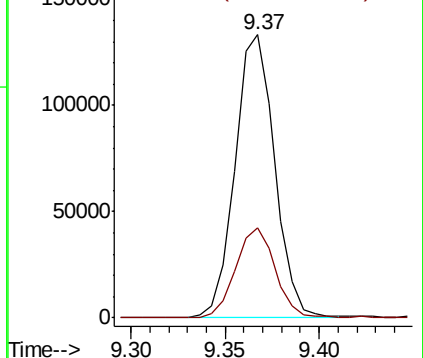
76 100

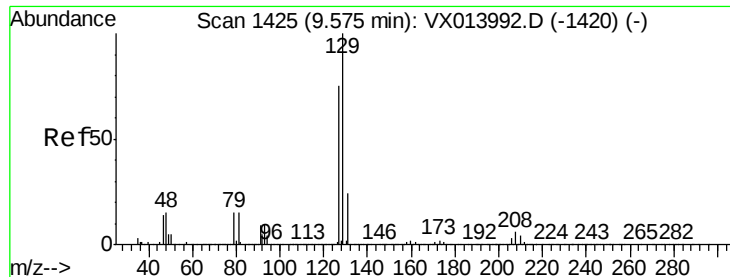
78 31.7 0.0 63.4



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





#53

Dibromochloromethane

Concen: 17.449 ug/l

RT: 9.57 min Scan# 1425

Delta R.T. 0.00 min

Lab File: VX013992.D

Acq: 12 Dec 2019 22:58

Instrument :

MSVOA_X

ClientSampleId :

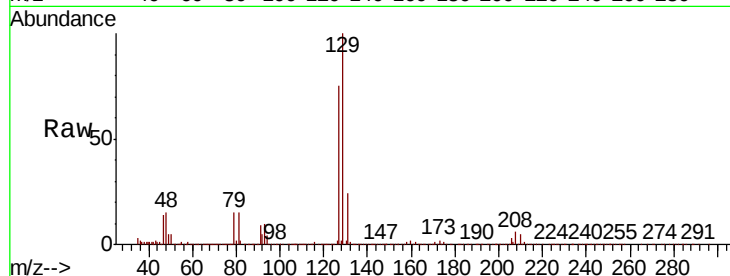
VSTDICCC020

Tot Ion:129 Resp: 107558

Ion Ratio Lower Upper

129 100

127 78.3 39.1 117.5



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

9.57

80000

60000

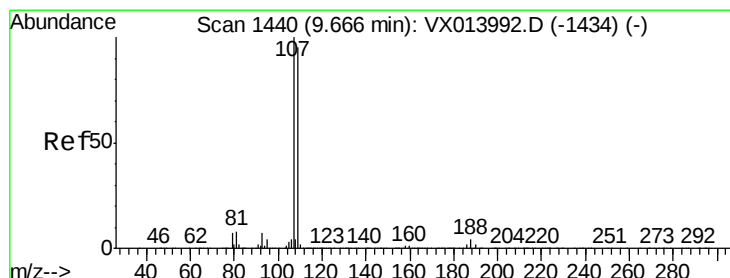
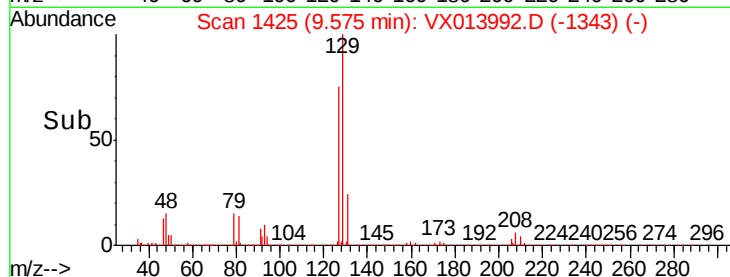
40000

20000

0

9.55 9.60

Time-->



#54

1,2-Dibromoethane

Concen: 18.358 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX013992.D

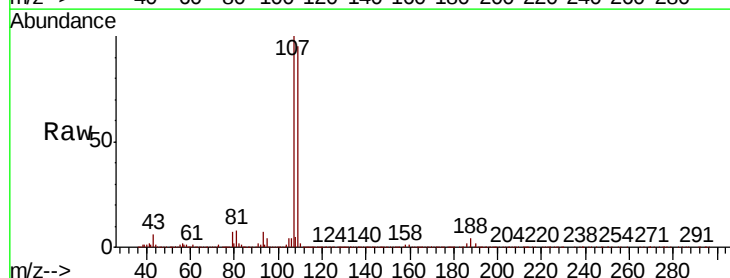
Acq: 12 Dec 2019 22:58

Tgt Ion:107 Resp: 114362

Ion Ratio Lower Upper

107 100

109 96.5 77.2 115.8



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

9.67

80000

60000

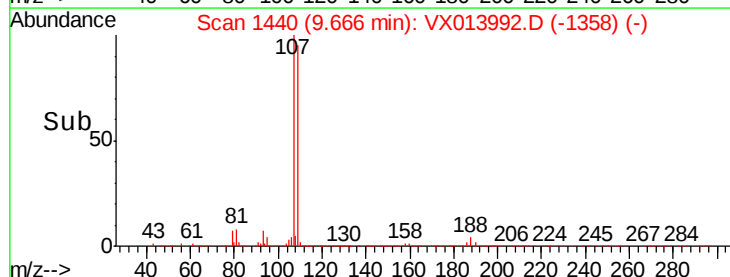
40000

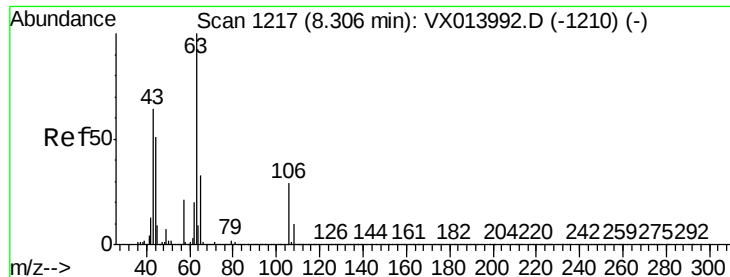
20000

0

9.60 9.65 9.70 9.75

Time-->

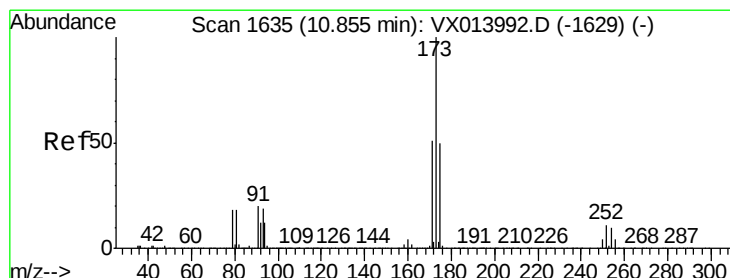
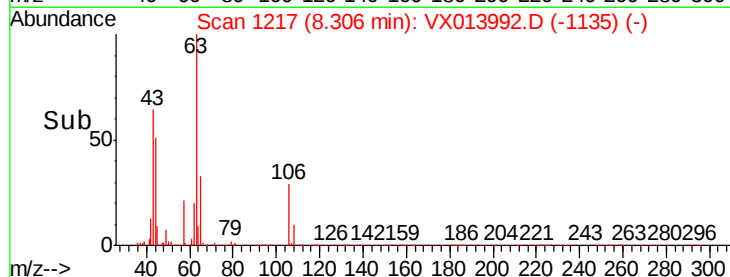
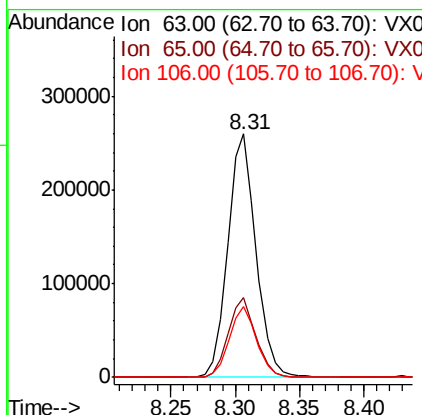
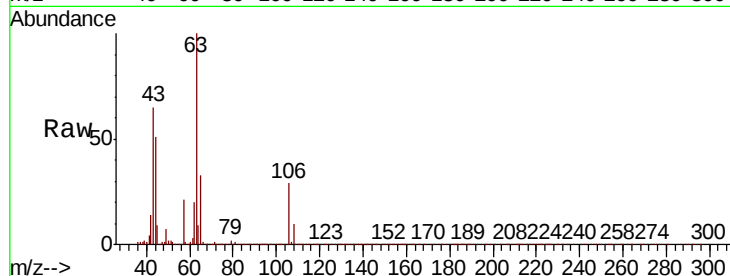




#55
2-Chloroethyl vinyl ether
Concen: 95.619 ug/l
RT: 8.31 min Scan# 1217
Delta R.T. 0.00 min
Lab File: VX013992.D
Acq: 12 Dec 2019 22:58

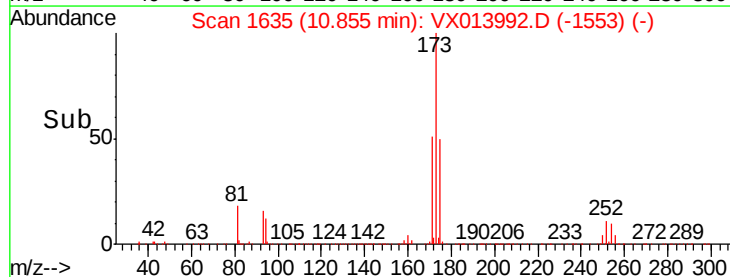
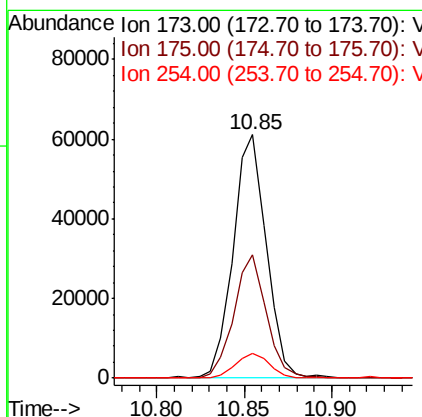
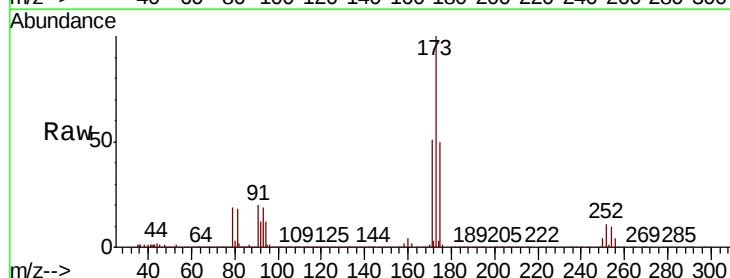
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

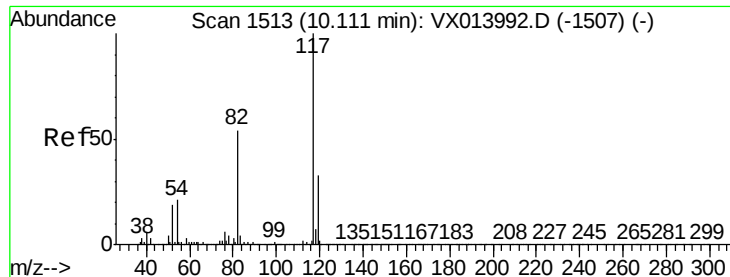
Tot Ion	Ratio	Lower	Upper
63	100		
65	32.2	25.8	38.6
106	28.6	22.9	34.3



#56
Bromoform
Concen: 16.512 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX013992.D
Acq: 12 Dec 2019 22:58

Tgt Ion	Ratio	Lower	Upper
173	100		
175	49.4	39.5	59.3
254	10.3	8.2	12.4

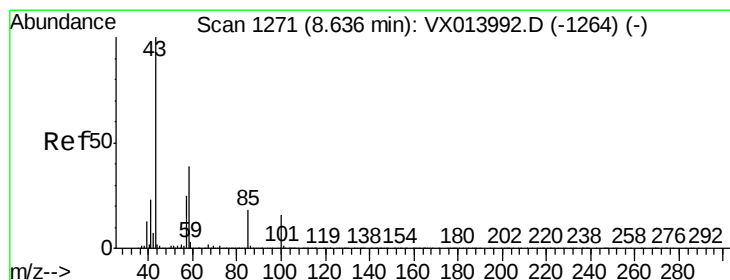
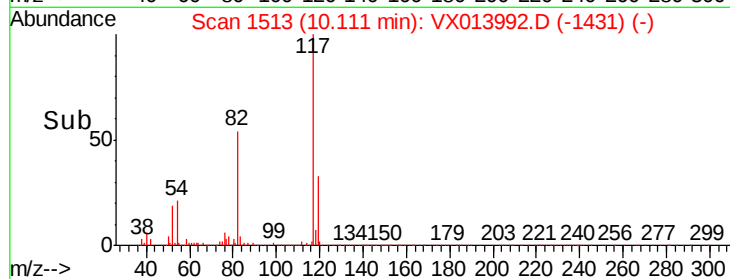
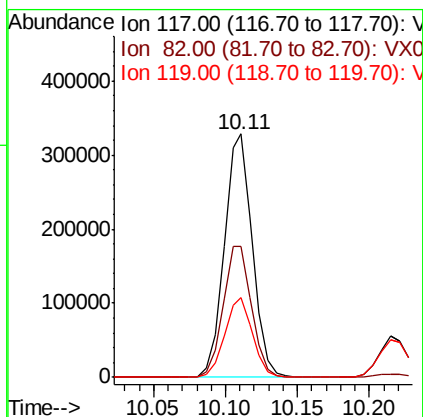
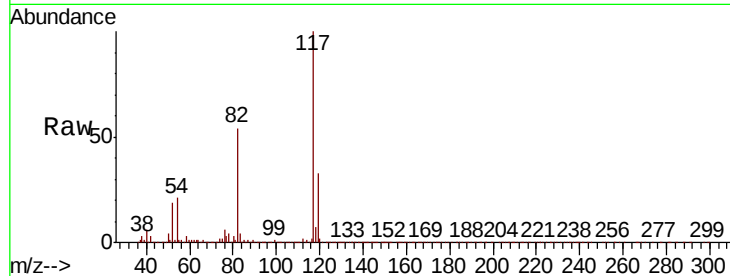




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX013992.D
Acq: 12 Dec 2019 22:58

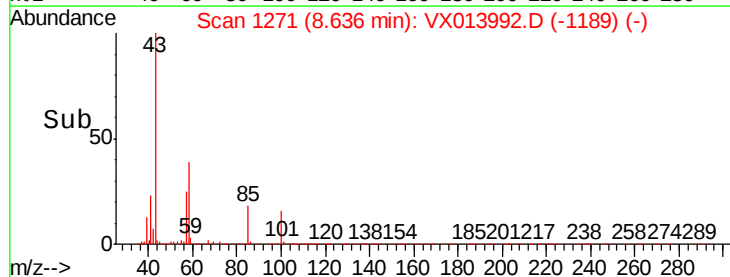
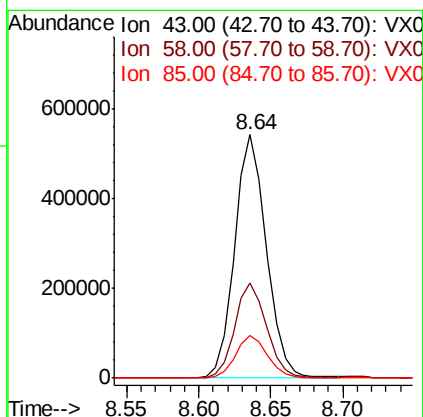
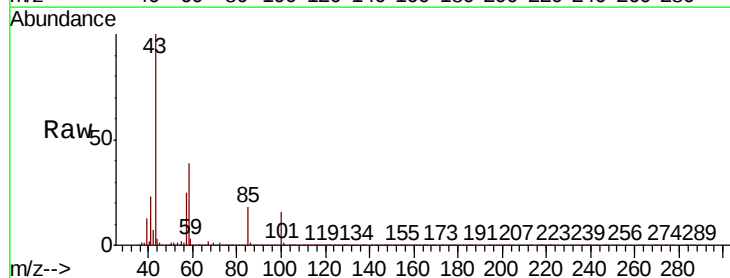
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

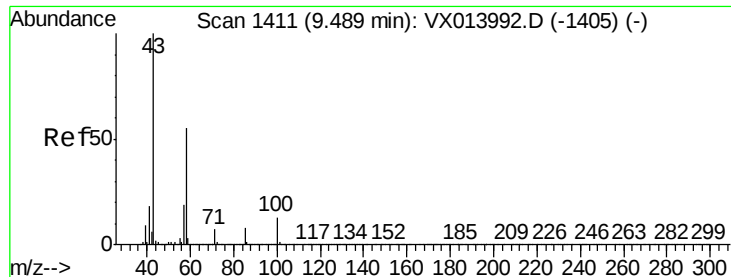
Tot Ion	Ratio	Lower	Upper
117	100		
82	54.7	43.8	65.6
119	32.2	25.8	38.6



#58
4-Methyl-2-Pentanone
Concen: 90.277 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VX013992.D
Acq: 12 Dec 2019 22:58

Tgt Ion	Ratio	Lower	Upper
43	100		
58	39.0	31.2	46.8
85	17.7	14.2	21.2

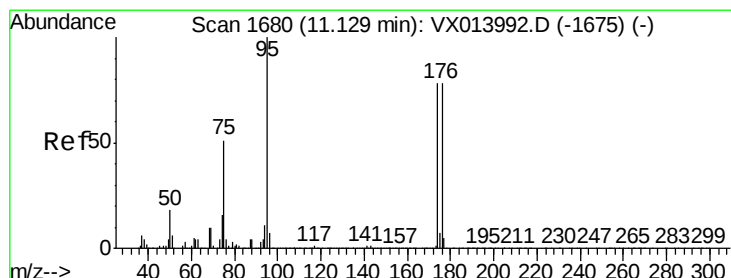
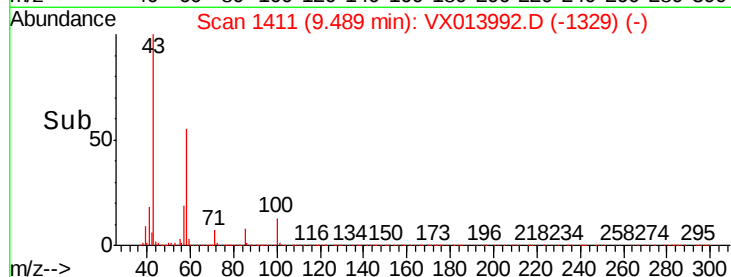
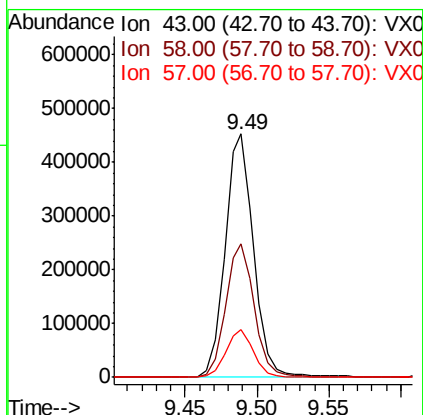
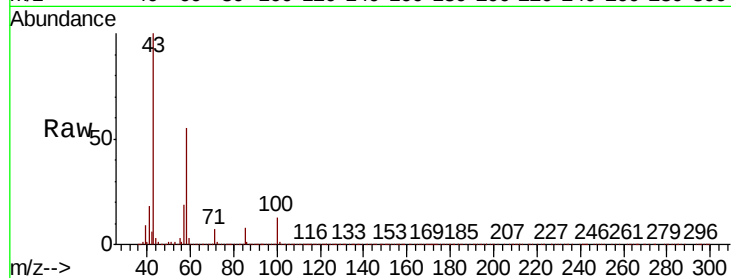




#59
2-Hexanone
Concen: 86.794 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.00 min
Lab File: VX013992.D
Acq: 12 Dec 2019 22:58

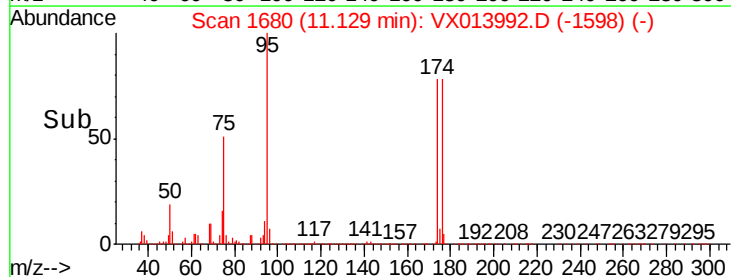
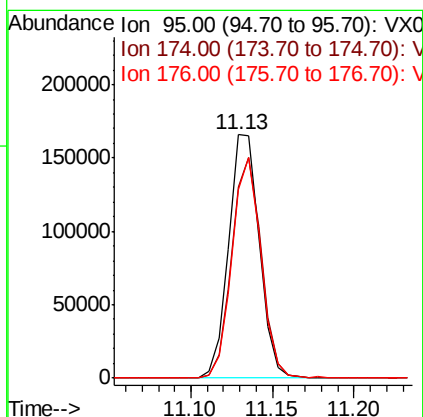
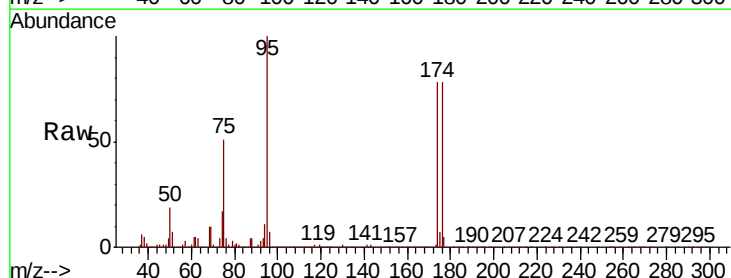
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

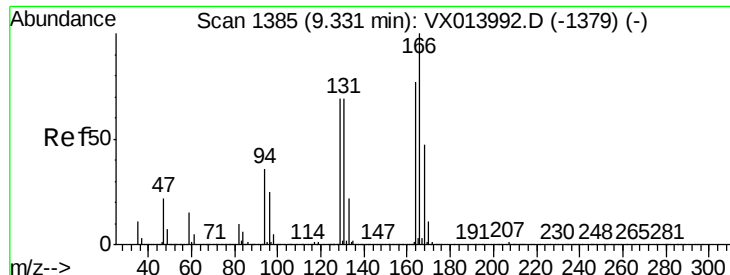
Tot Ion	Ratio	Lower	Upper
43	100		
58	54.7	43.8	65.6
57	19.2	15.4	23.0



#60
4-Bromofluorobenzene
Concen: 29.953 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VX013992.D
Acq: 12 Dec 2019 22:58

Tgt Ion	Ratio	Lower	Upper
95	100		
174	87.6	70.2	105.2
176	85.4	68.3	102.5

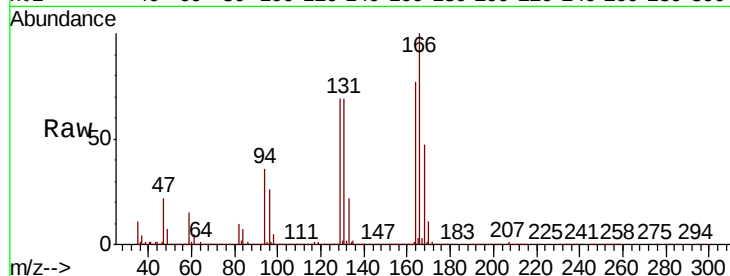




#61
Tetrachloroethene
Concen: 20.148 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX013992.D
Acq: 12 Dec 2019 22:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tot Ion	Ratio	Lower	Upper
164	100		
166	130.2	104.2	156.2
129	89.5	71.6	107.4
131	89.6	71.7	107.5



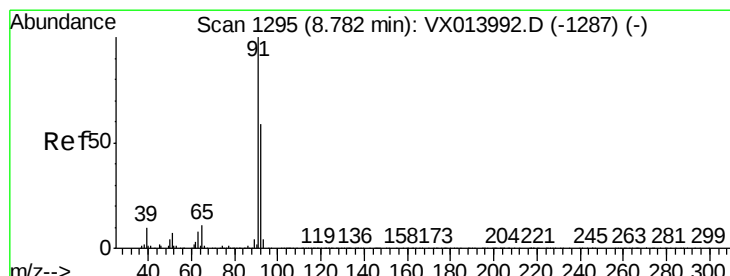
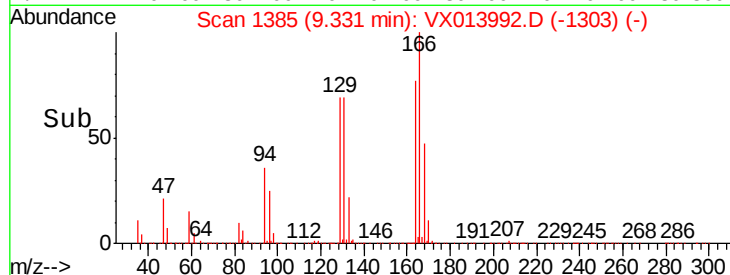
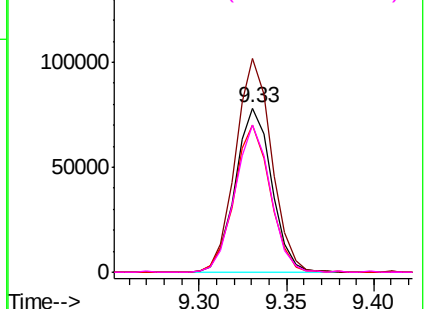
Abundance

Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

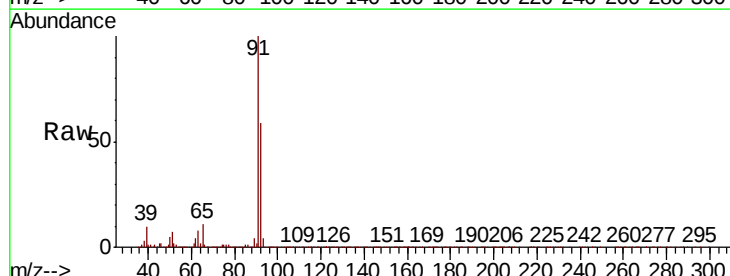
Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62
Toluene
Concen: 19.054 ug/l
RT: 8.78 min Scan# 1295
Delta R.T. 0.00 min
Lab File: VX013992.D
Acq: 12 Dec 2019 22:58

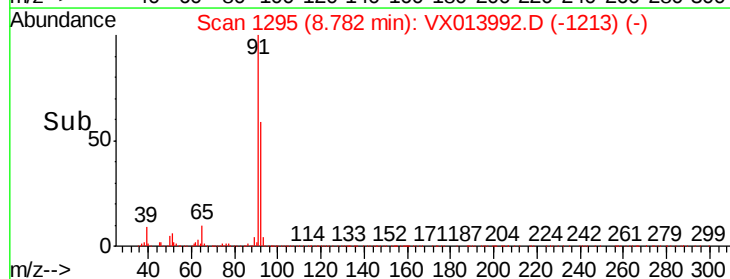
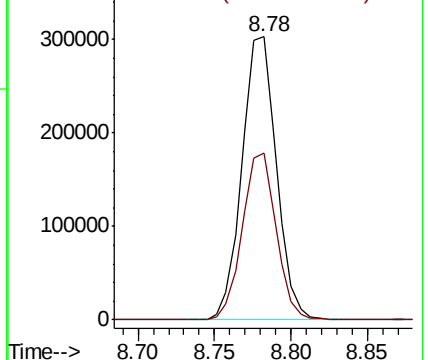
Tgt Ion	Ratio	Lower	Upper
91	100		
92	58.0	46.4	69.6

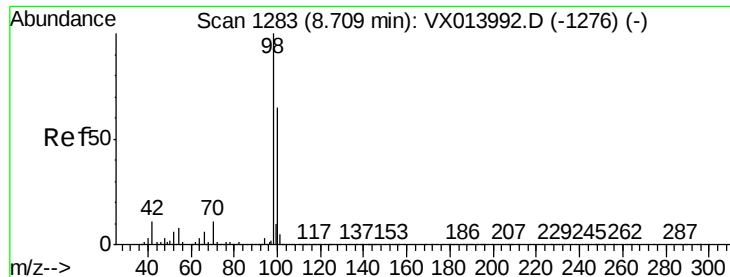


Abundance

Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 30.413 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX013992.D

Acq: 12 Dec 2019 22:58

Instrument :

MSVOA_X

ClientSampleId :

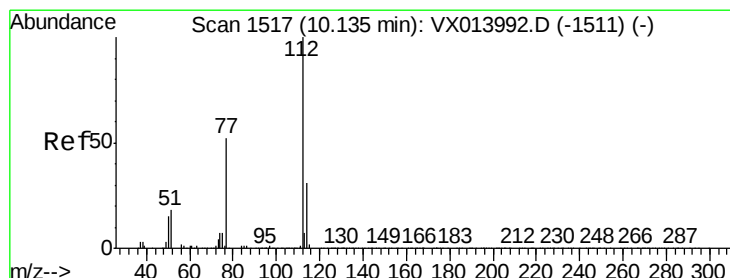
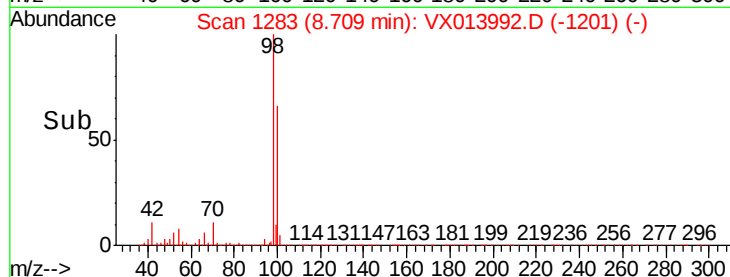
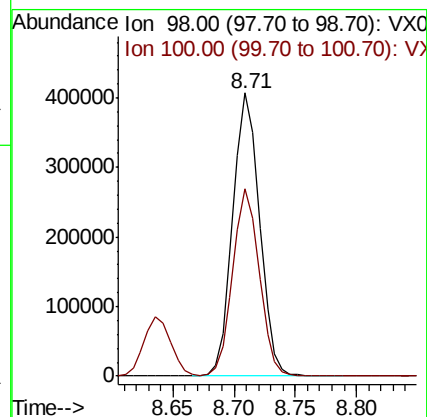
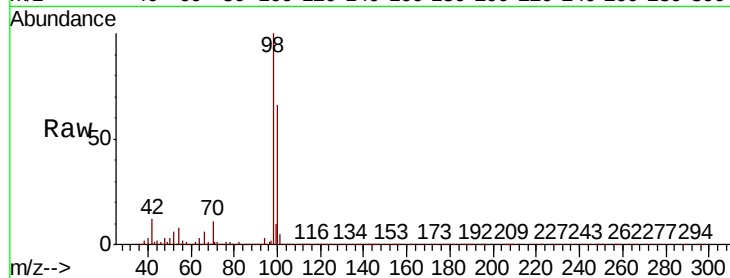
VSTDICCC020

Tot Ion: 98 Resp: 617082

Ion Ratio Lower Upper

98 100

100 65.2 52.2 78.2



#64

Chlorobenzene

Concen: 18.956 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX013992.D

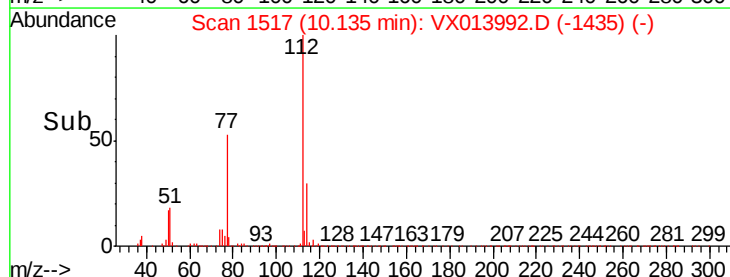
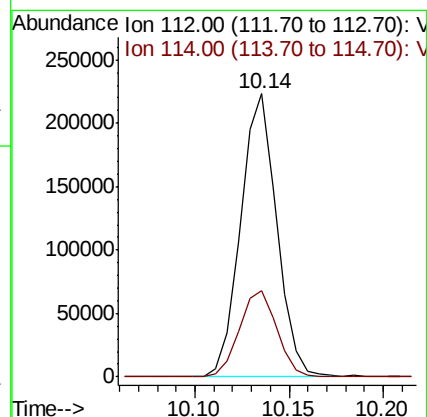
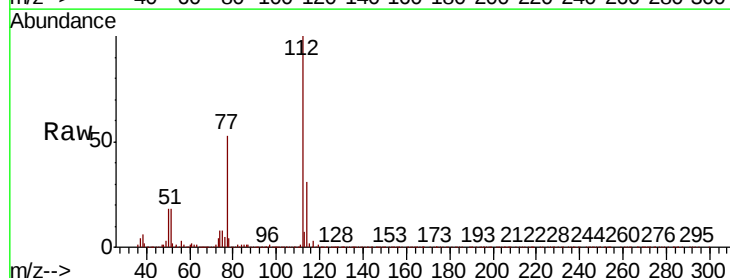
Acq: 12 Dec 2019 22:58

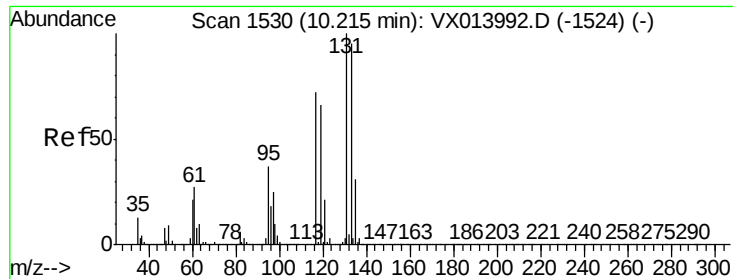
Tgt Ion: 112 Resp: 296089

Ion Ratio Lower Upper

112 100

114 30.5 24.4 36.6

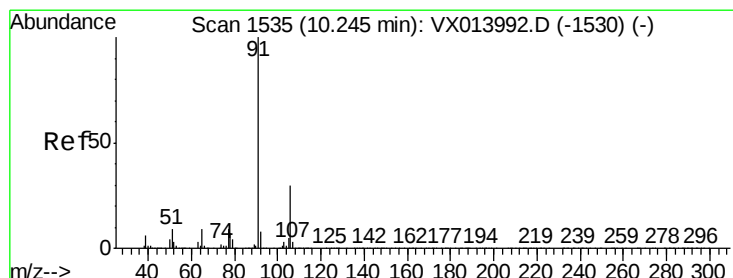
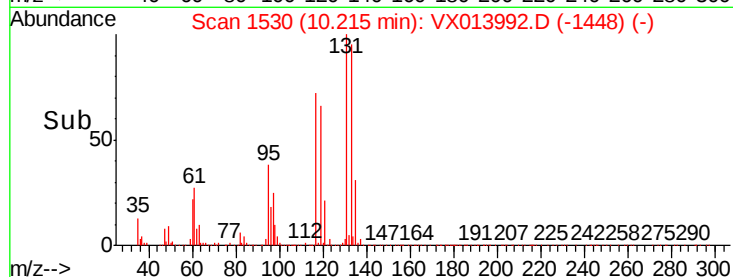
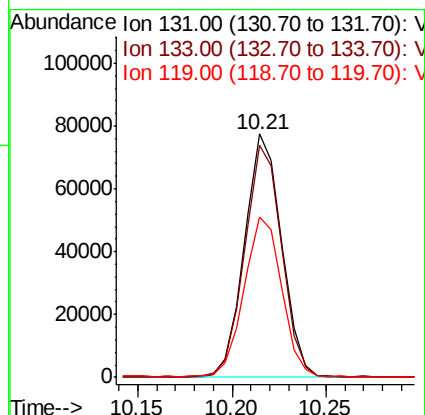
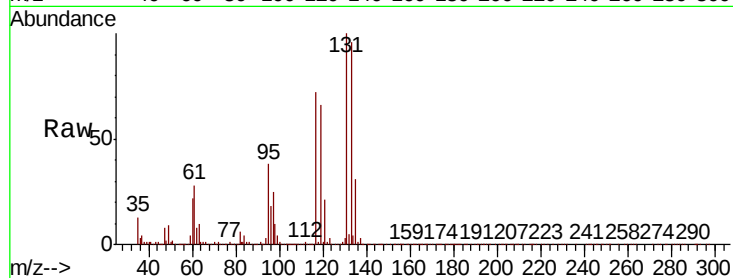




#65
 1,1,1,2-Tetrachloroethane
 Concen: 18.261 ug/l
 RT: 10.21 min Scan# 1530
 Delta R.T. 0.00 min
 Lab File: VX013992.D
 Acq: 12 Dec 2019 22:58

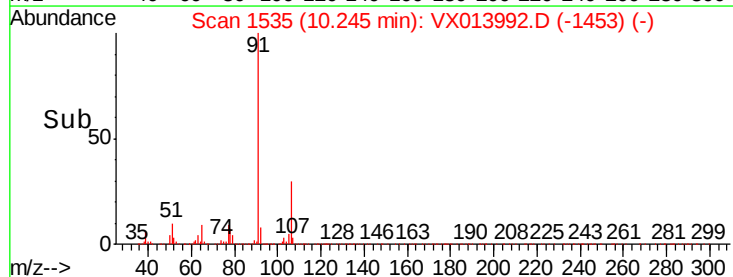
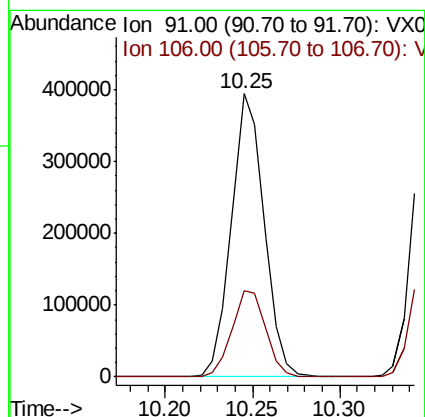
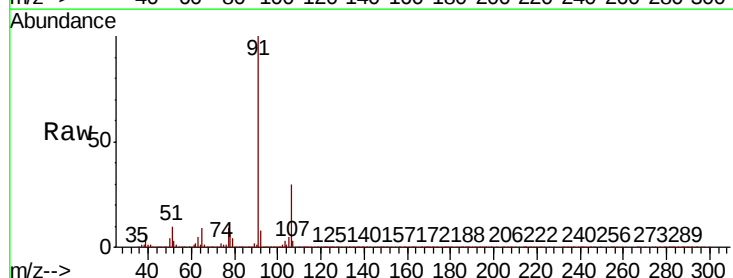
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

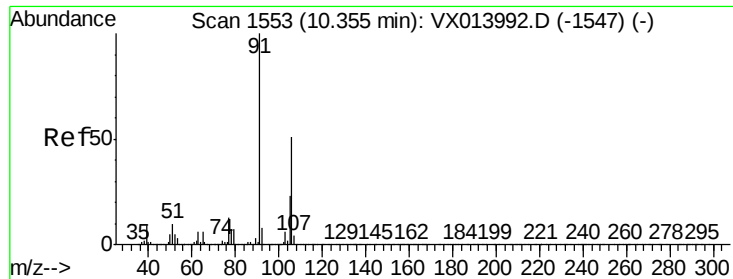
Tot Ion:131 Resp: 105994
 Ion Ratio Lower Upper
 131 100
 133 94.9 0.0 189.8
 119 66.1 0.0 132.2



#66
 Ethyl Benzene
 Concen: 18.814 ug/l
 RT: 10.25 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VX013992.D
 Acq: 12 Dec 2019 22:58

Tgt Ion: 91 Resp: 514254
 Ion Ratio Lower Upper
 91 100
 106 30.2 24.2 36.2

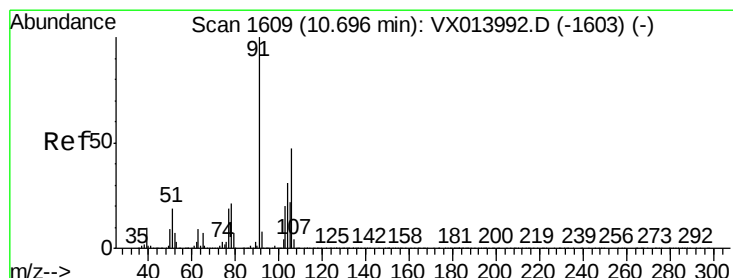
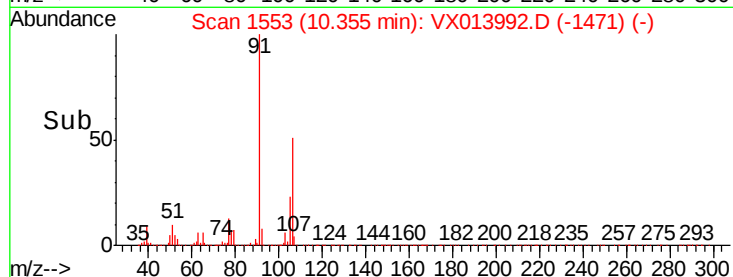
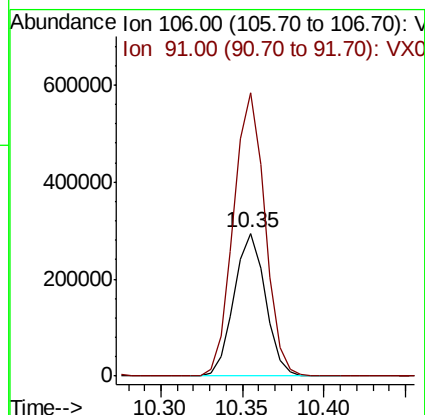
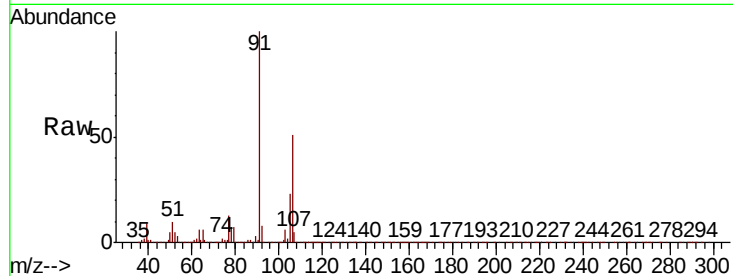




#67
m/p-Xylenes
Concen: 37.446 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX013992.D
Acq: 12 Dec 2019 22:58

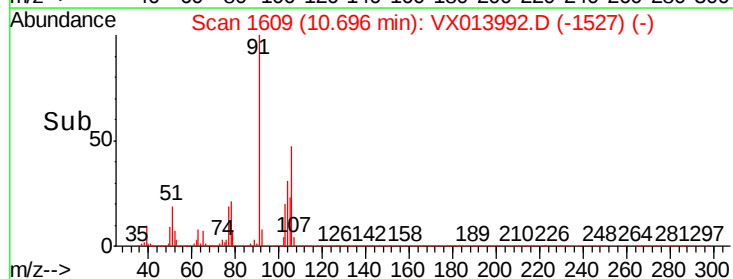
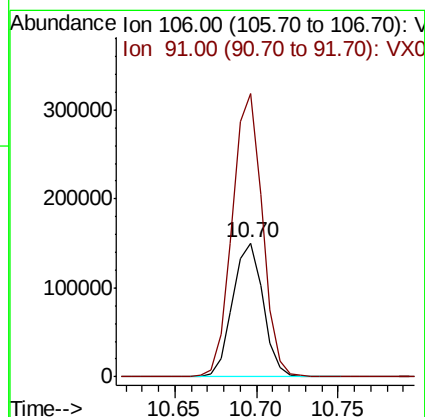
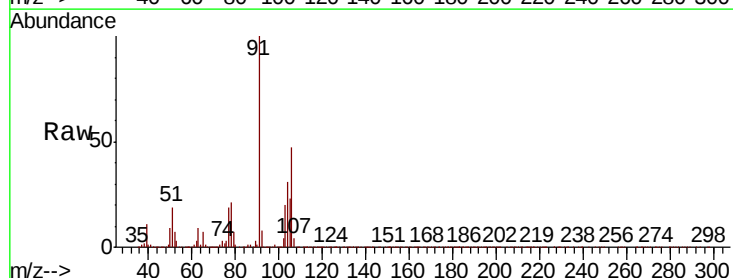
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

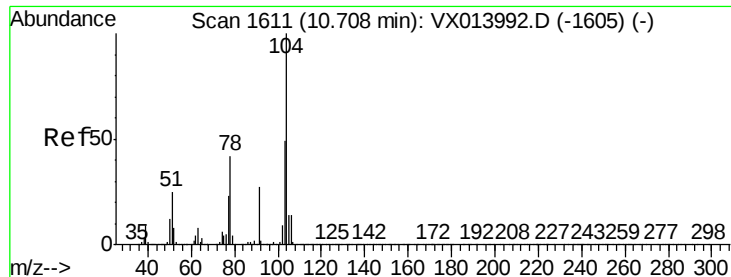
Tot Ion:106 Resp: 395184
Ion Ratio Lower Upper
106 100
91 199.1 159.3 238.9



#68
o-Xylene
Concen: 18.995 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX013992.D
Acq: 12 Dec 2019 22:58

Tgt Ion:106 Resp: 194451
Ion Ratio Lower Upper
106 100
91 209.7 104.8 314.6

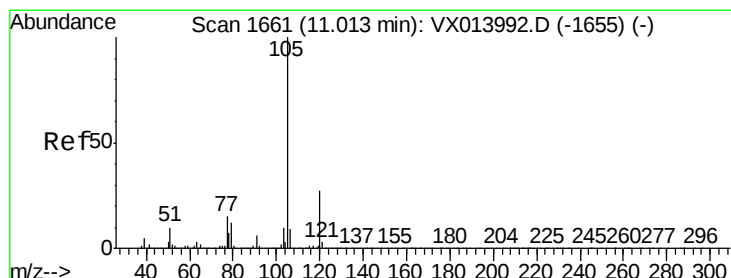
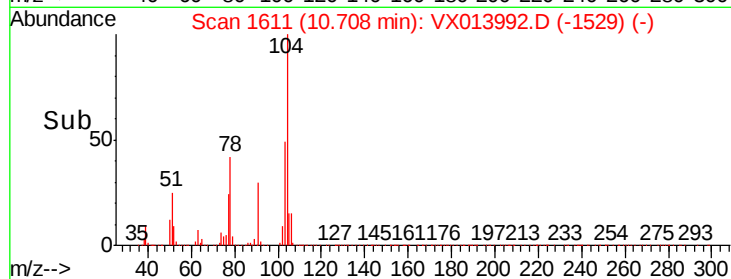
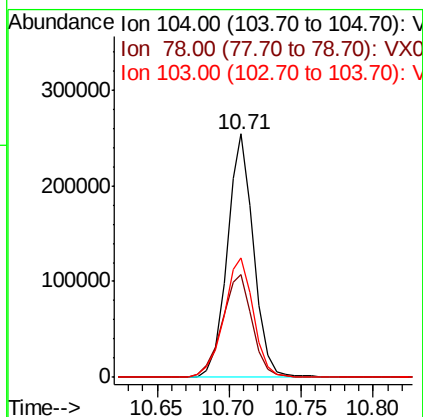
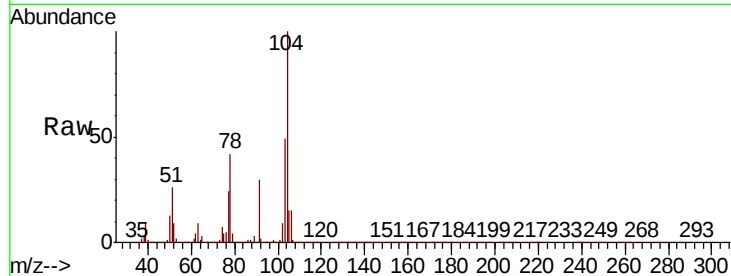




#69
Stvrene
Concen: 18.595 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX013992.D
Acq: 12 Dec 2019 22:58

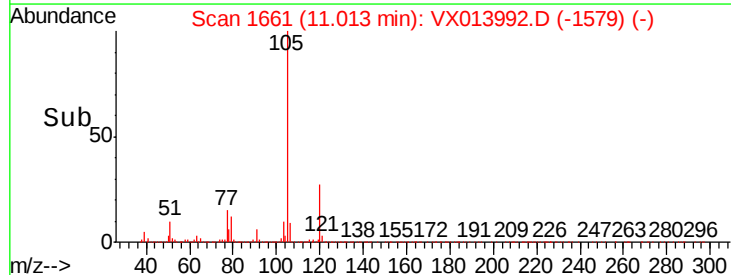
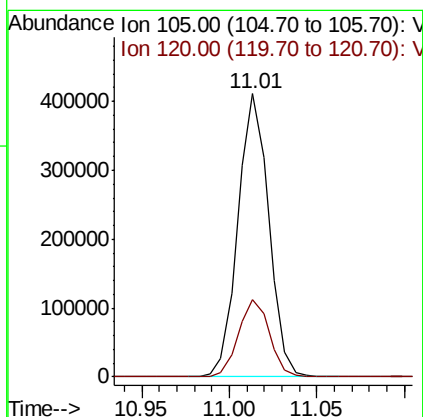
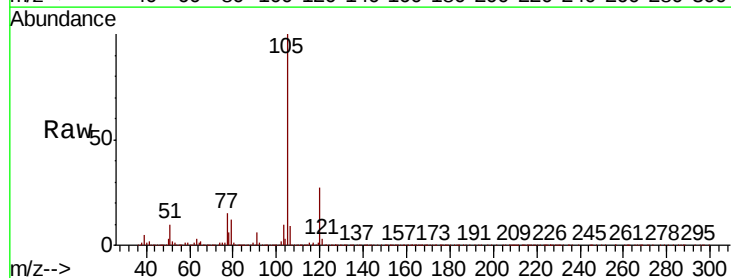
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

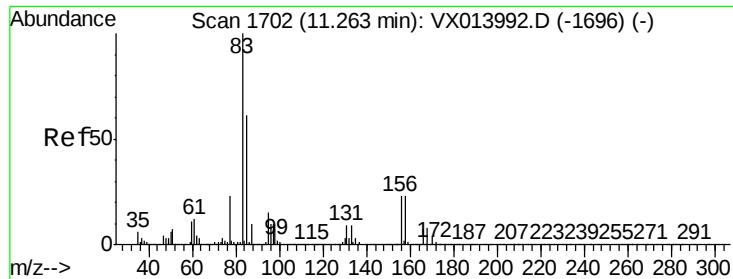
Tot Ion	Ratio	Lower	Upper
104	100		
78	48.6	38.9	58.3
103	55.2	44.2	66.2



#70
Isopropylbenzene
Concen: 18.785 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX013992.D
Acq: 12 Dec 2019 22:58

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.3	19.1	35.5

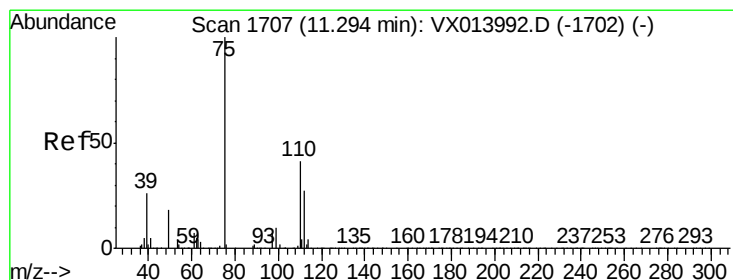
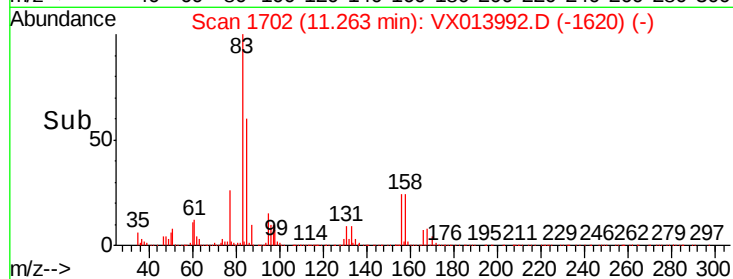
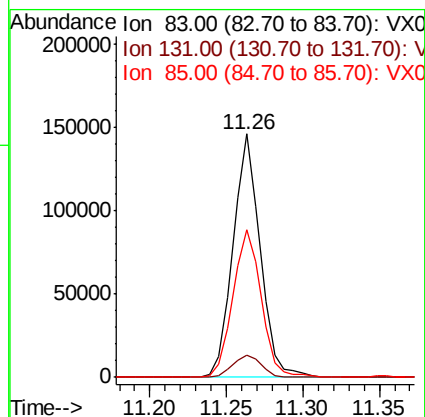
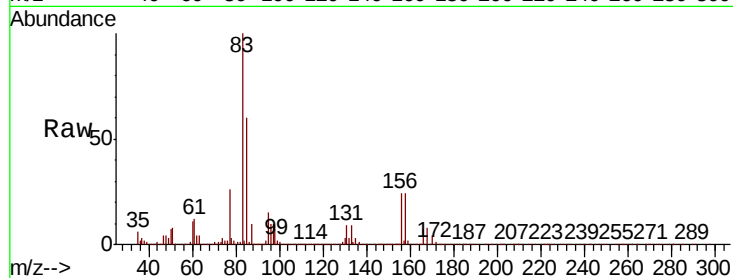




#71
 1,1,2,2-Tetrachloroethane
 Concen: 18.672 ug/l
 RT: 11.26 min Scan# 1702
 Delta R.T. 0.00 min
 Lab File: VX013992.D
 Acq: 12 Dec 2019 22:58

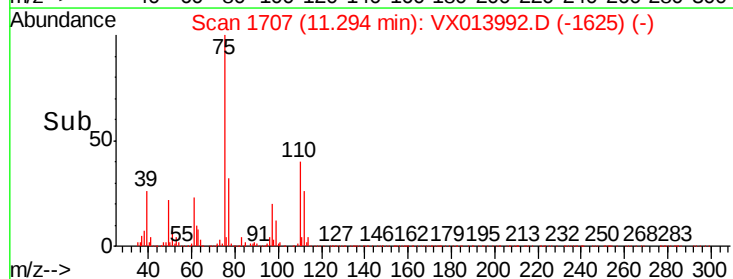
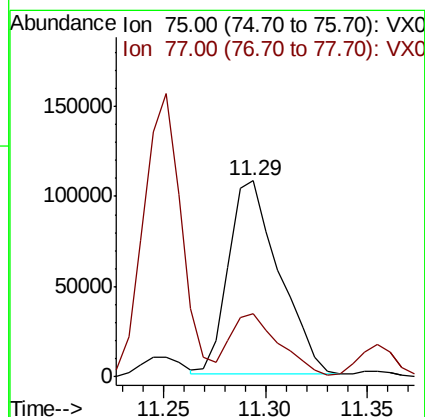
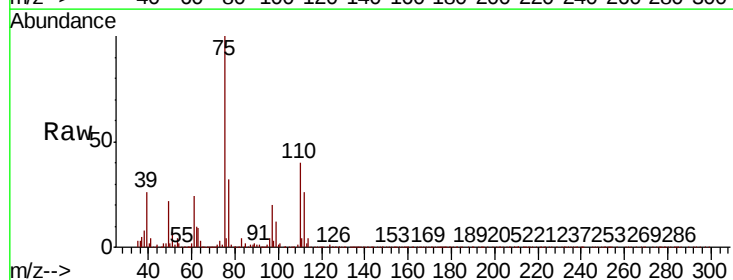
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

Tot Ion	83	Resp	178905
Ion Ratio	100		
Lower		4.9	
Upper		14.7	
85	63.1	31.6	94.7



#72
 1,2,3-Trichloropropane
 Concen: 22.369 ug/l
 RT: 11.29 min Scan# 1707
 Delta R.T. 0.00 min
 Lab File: VX013992.D
 Acq: 12 Dec 2019 22:58

Tgt Ion	75	Resp	185528
Ion Ratio	100		
Lower		0.0	
Upper		68.4	
77	29.5		





#73

Bromobenzene

Concen: 18.658 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX013992.D

Acq: 12 Dec 2019 22:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

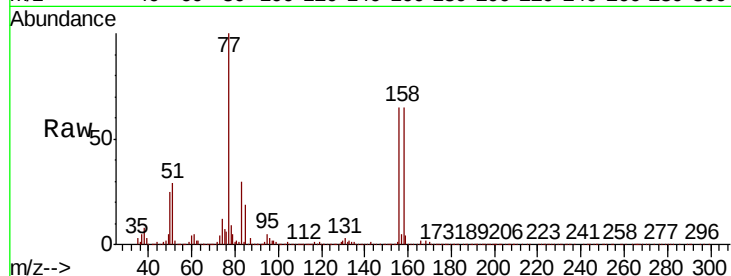
Tot Ion:156 Resp: 132256

Ion Ratio Lower Upper

156 100

77 152.3 0.0 304.6

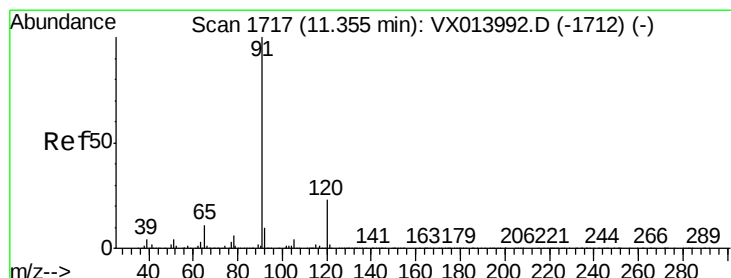
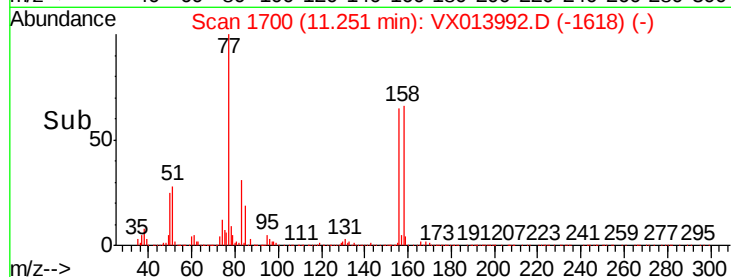
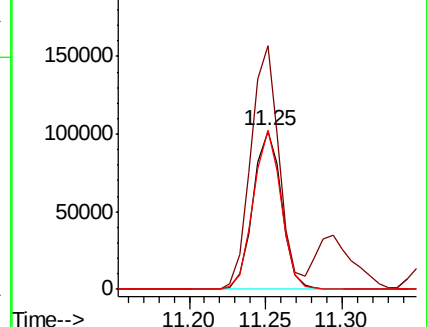
158 97.6 0.0 195.2



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 18.537 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX013992.D

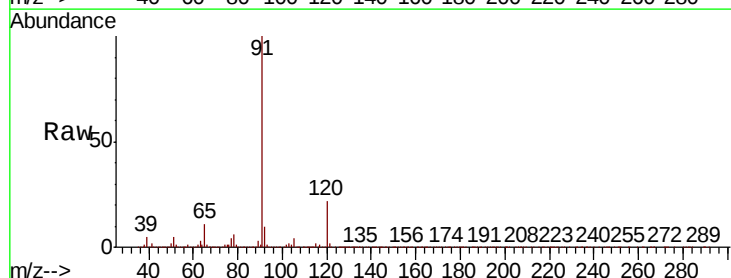
Acq: 12 Dec 2019 22:58

Tgt Ion: 91 Resp: 564231

Ion Ratio Lower Upper

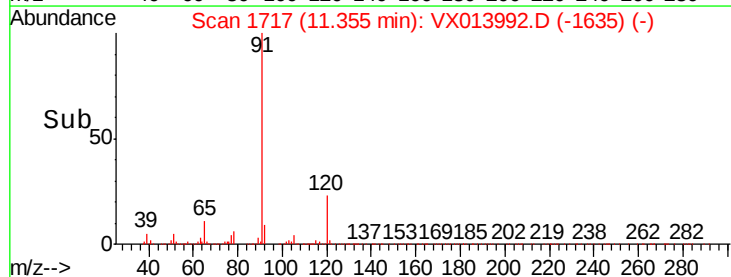
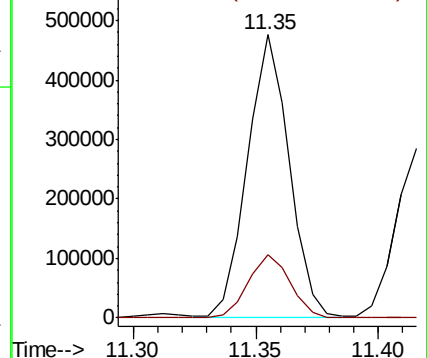
91 100

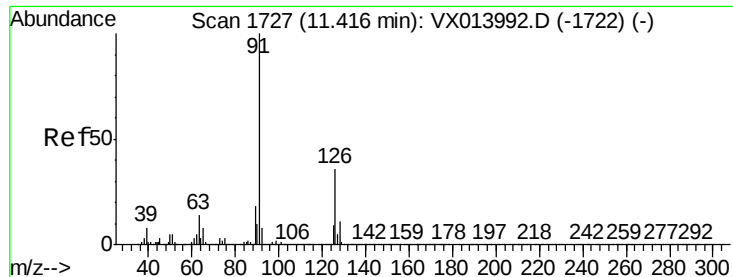
120 22.4 0.0 44.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 18.925 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX013992.D

Acq: 12 Dec 2019 22:58

Instrument :

MSVOA_X

ClientSampled :

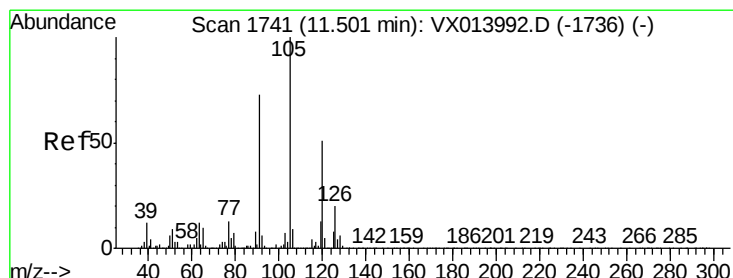
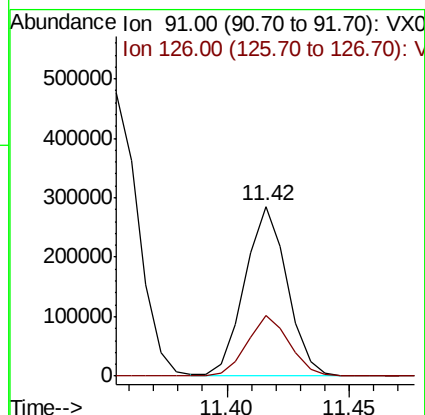
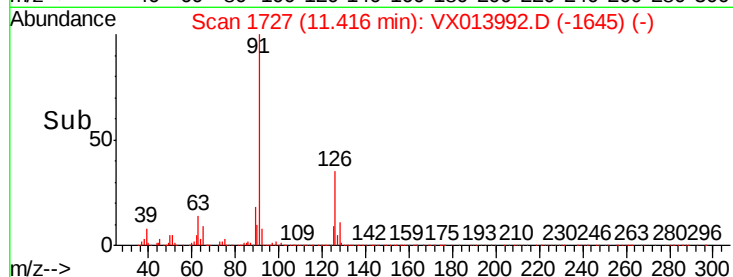
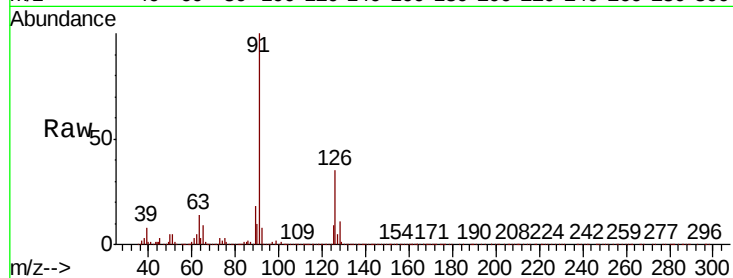
VSTDICCC020

Tot Ion: 91 Resp: 344040

Ion Ratio Lower Upper

91 100

126 35.4 0.0 70.8



#76

1,3,5-Trimethylbenzene

Concen: 18.741 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX013992.D

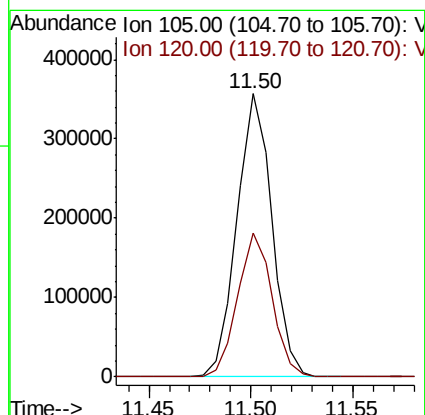
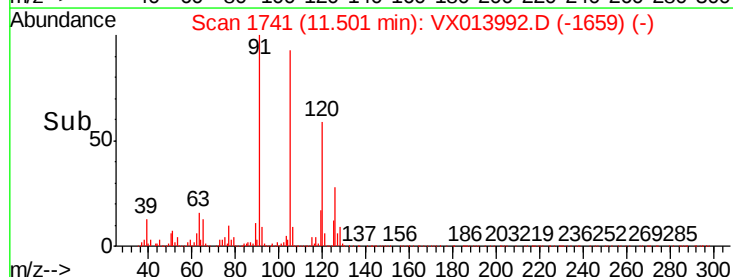
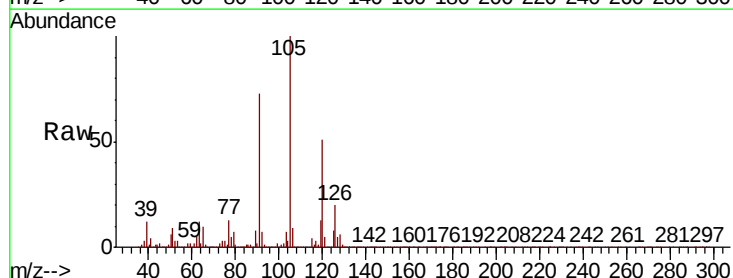
Acq: 12 Dec 2019 22:58

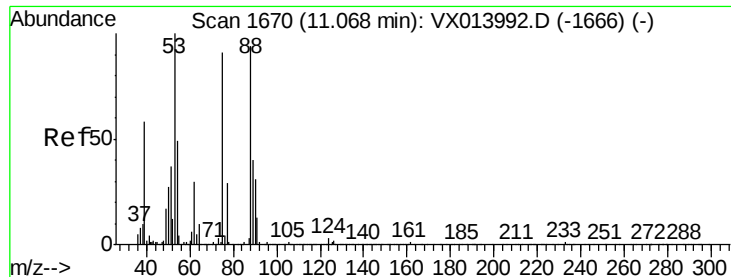
Tgt Ion: 105 Resp: 422850

Ion Ratio Lower Upper

105 100

120 50.3 0.0 100.6





#77

t-1,4-Dichloro-2-butene

Concen: 14.751 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX013992.D

Acq: 12 Dec 2019 22:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

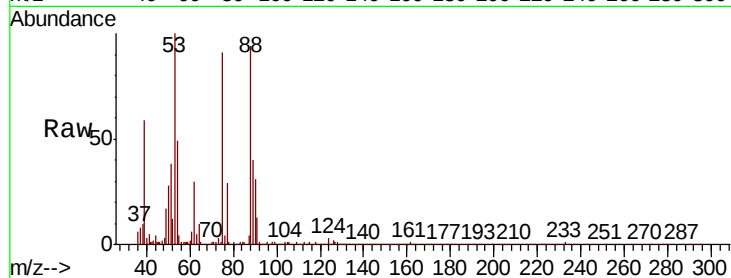
Tot Ion: 75 Resp: 46708

Ion Ratio Lower Upper

75 100

53 108.7 54.4 163.1

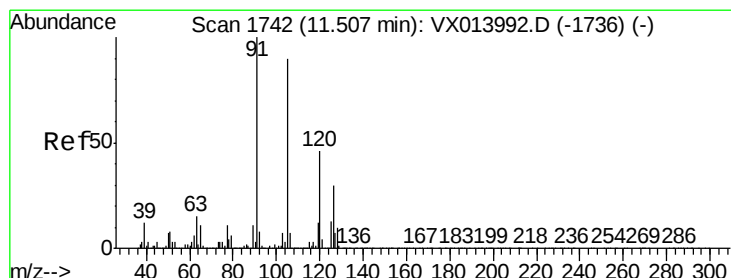
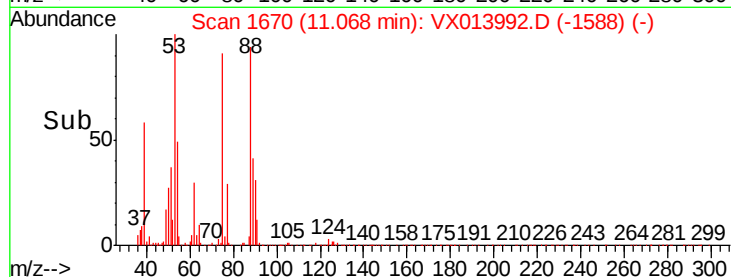
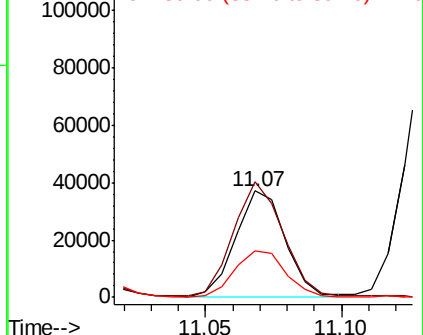
89 43.7 21.9 65.5



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 89.00 (88.70 to 89.70): VX0



#78

4-Chlorotoluene

Concen: 18.655 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX013992.D

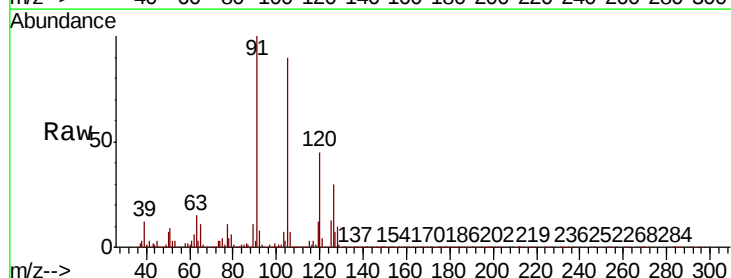
Acq: 12 Dec 2019 22:58

Tgt Ion: 91 Resp: 388768

Ion Ratio Lower Upper

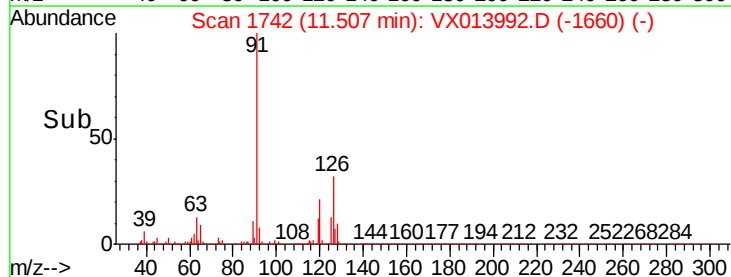
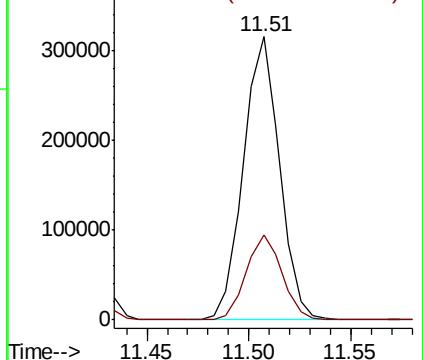
91 100

126 29.8 0.0 59.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V





#79

tert-butylbenzene

Concen: 18.091 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VX013992.D

Acq: 12 Dec 2019 22:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

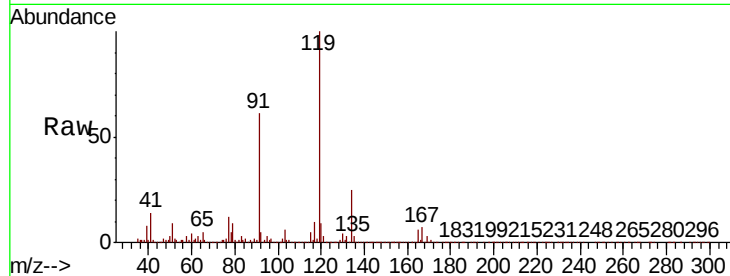
Tot Ion:119 Resp: 408371

Ion Ratio Lower Upper

119 100

91 56.3 0.0 112.6

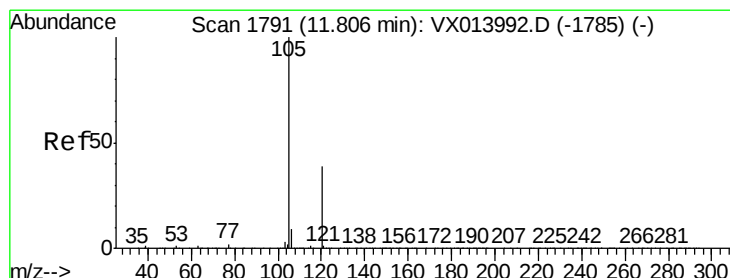
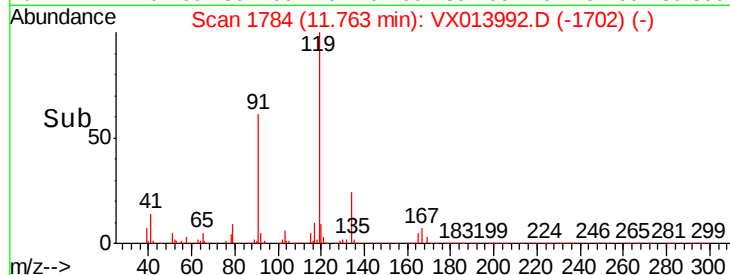
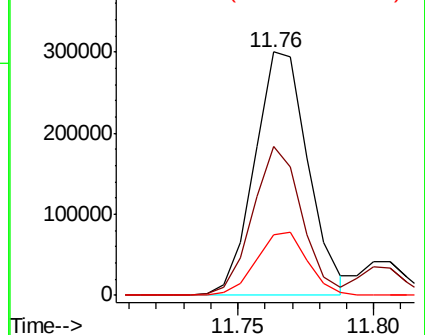
134 24.8 0.0 49.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#80

1,2,4-Trimethylbenzene

Concen: 18.783 ug/l

RT: 11.81 min Scan# 1791

Delta R.T. 0.00 min

Lab File: VX013992.D

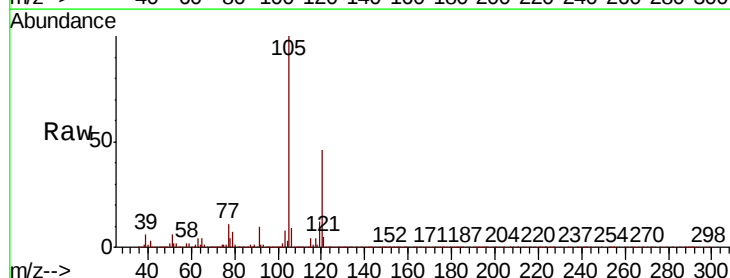
Acq: 12 Dec 2019 22:58

Tgt Ion:105 Resp: 423129

Ion Ratio Lower Upper

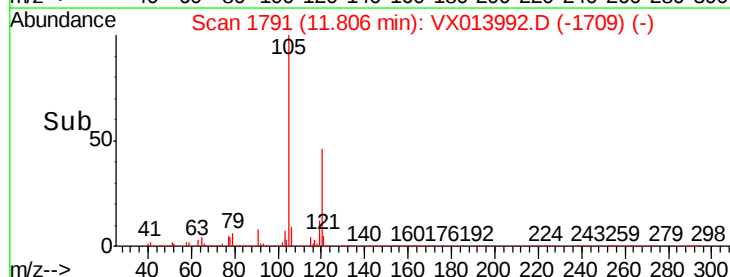
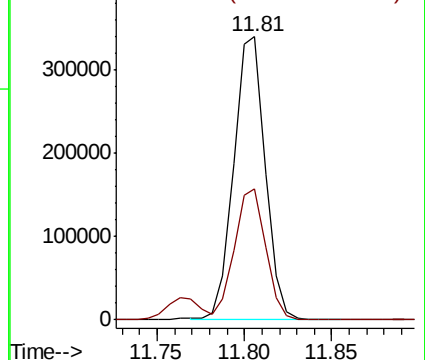
105 100

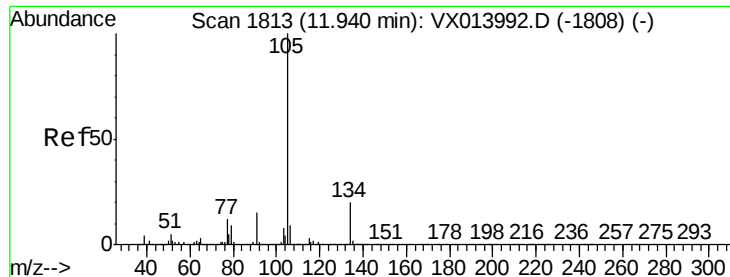
120 46.0 0.0 92.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

sec-Butylbenzene

Concen: 18.459 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX013992.D

Acq: 12 Dec 2019 22:58

Instrument :

MSVOA_X

ClientSampleId :

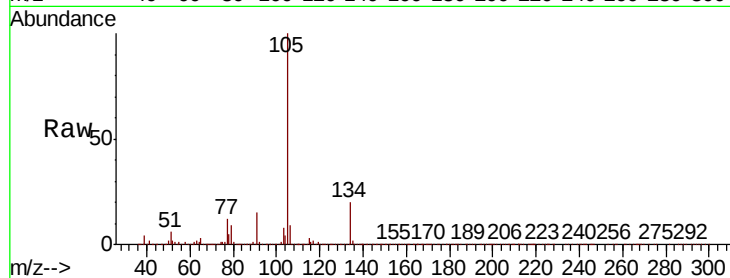
VSTDICCC020

Tot Ion:105 Resp: 479145

Ion Ratio Lower Upper

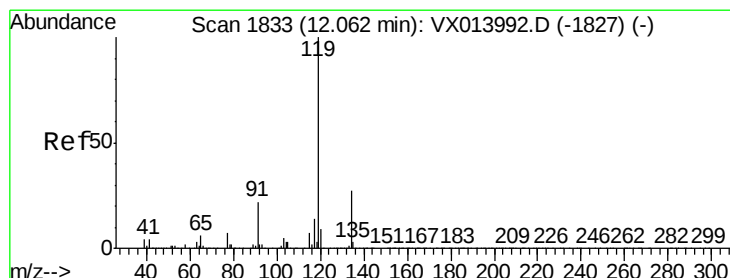
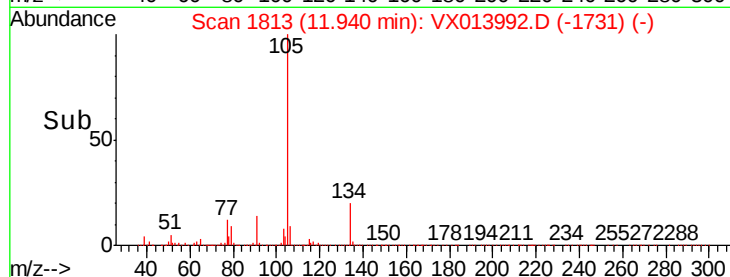
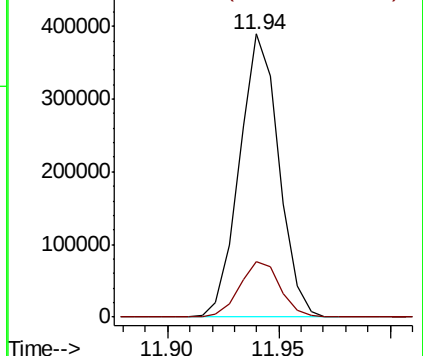
105 100

134 20.1 0.0 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#82

p-Isopropyltoluene

Concen: 18.062 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX013992.D

Acq: 12 Dec 2019 22:58

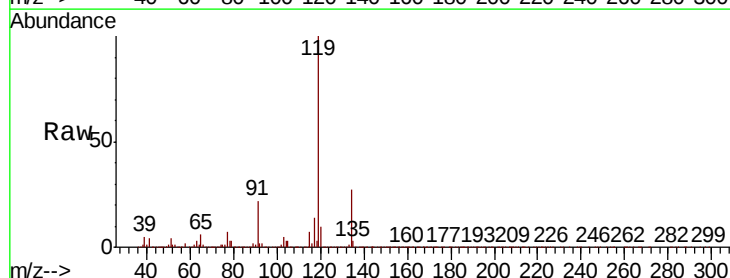
Tgt Ion:119 Resp: 429671

Ion Ratio Lower Upper

119 100

134 26.9 0.0 53.8

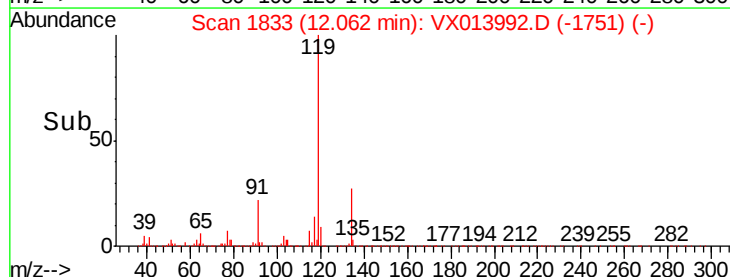
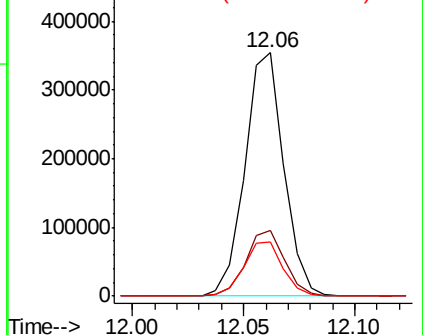
91 22.5 0.0 45.0

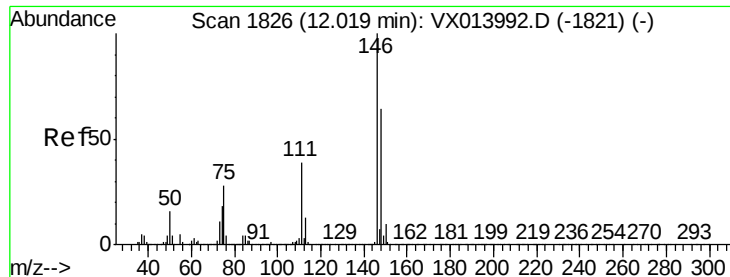


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#83

1,3-Dichlorobenzene

Concen: 18.120 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VX013992.D

Acq: 12 Dec 2019 22:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

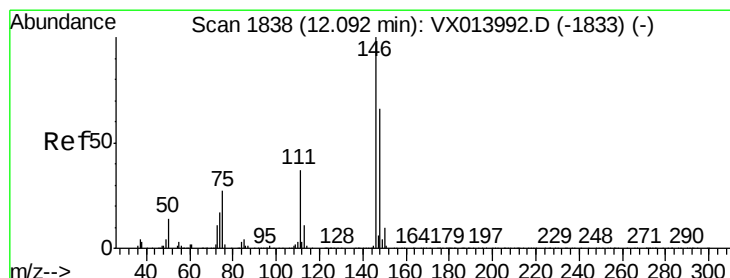
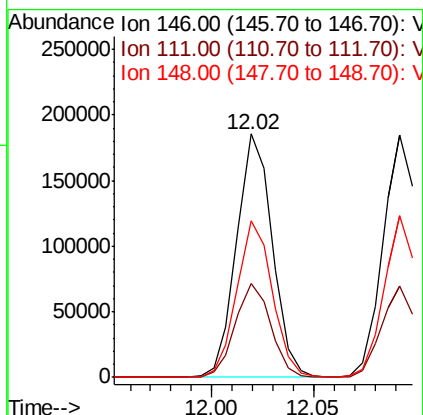
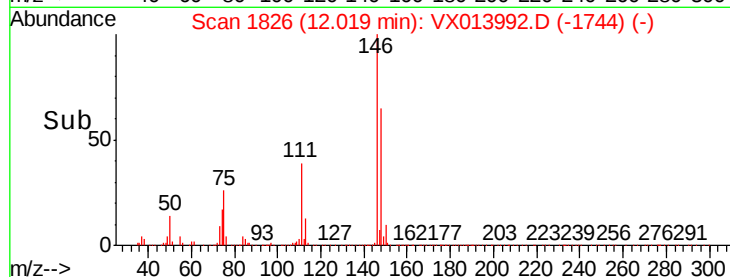
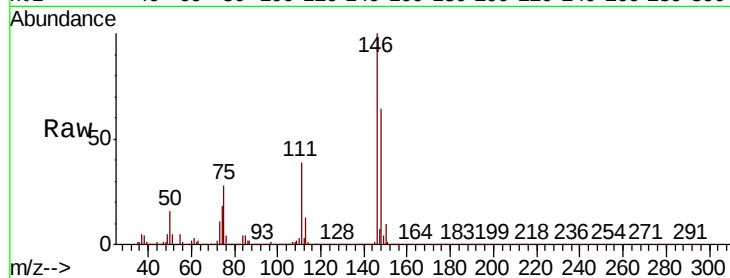
Tot Ion:146 Resp: 225527

Ion Ratio Lower Upper

146 100

111 38.6 19.3 57.9

148 64.4 32.2 96.6



#84

1,4-Dichlorobenzene

Concen: 18.268 ug/l

RT: 12.09 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VX013992.D

Acq: 12 Dec 2019 22:58

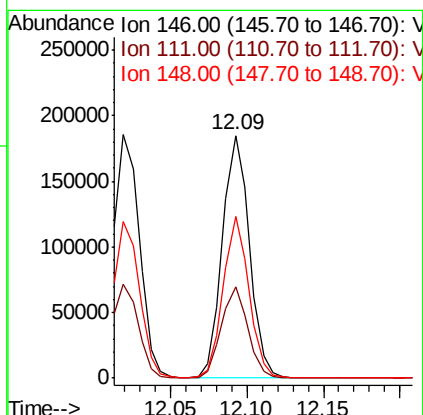
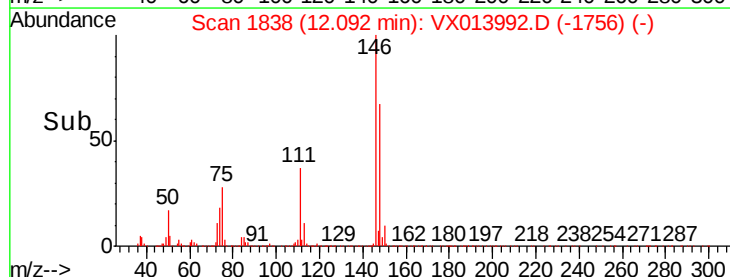
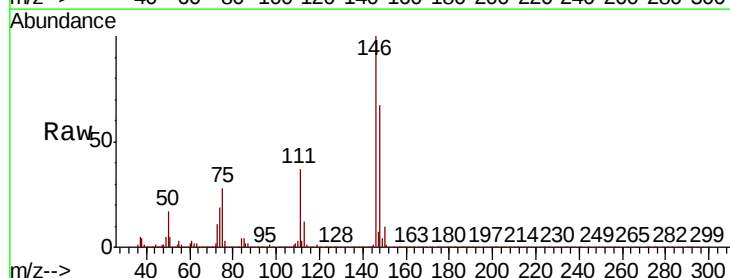
Tgt Ion:146 Resp: 225984

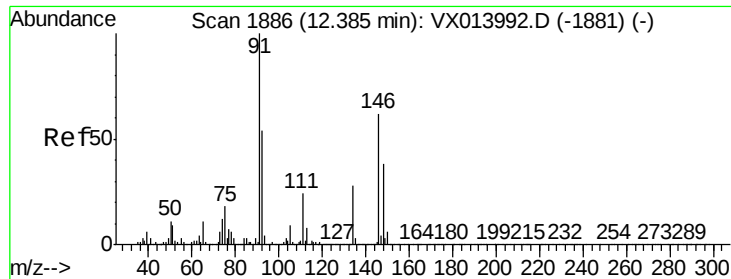
Ion Ratio Lower Upper

146 100

111 36.9 18.4 55.4

148 64.0 32.0 96.0

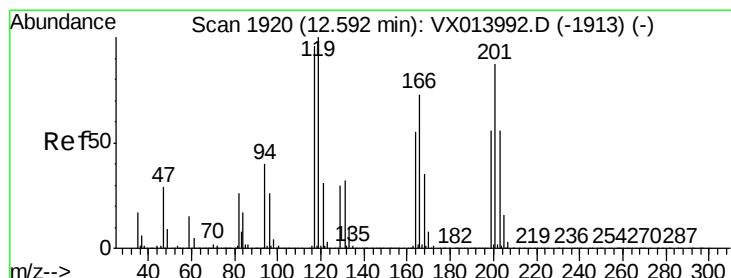
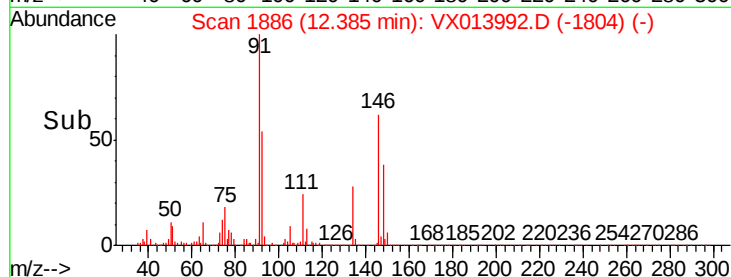
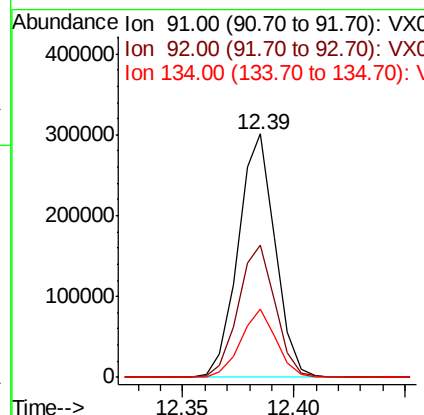
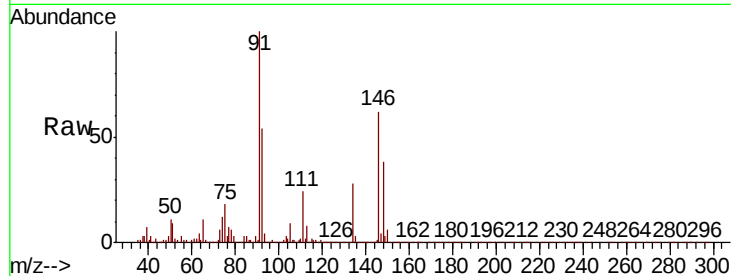




#85
n-Butylbenzene
Concen: 16.996 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX013992.D
Acq: 12 Dec 2019 22:58

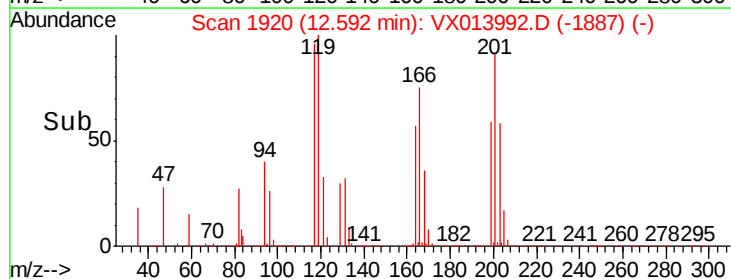
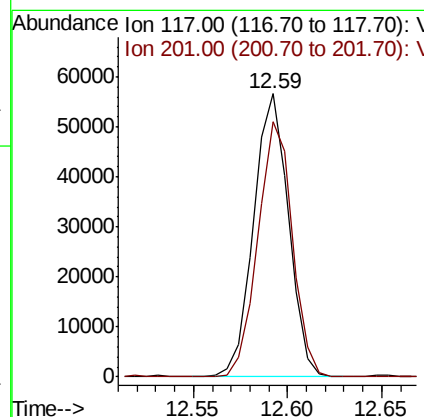
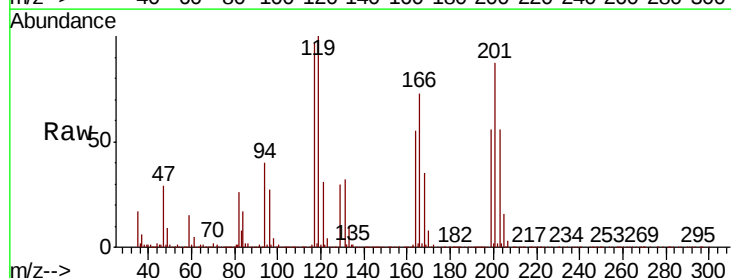
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

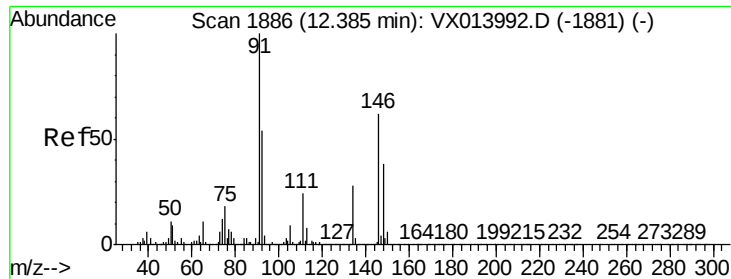
Tot Ion: 91 Resp: 346618
Ion Ratio Lower Upper
91 100
92 54.5 0.0 109.0
134 27.0 0.0 54.0



#86
Hexachloroethane
Concen: 16.657 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX013992.D
Acq: 12 Dec 2019 22:58

Tgt Ion: 117 Resp: 72332
Ion Ratio Lower Upper
117 100
201 89.5 44.8 134.3





#87

1,2-Dichlorobenzene

Concen: 18.416 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

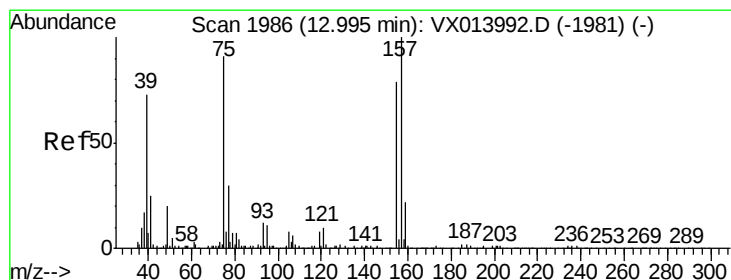
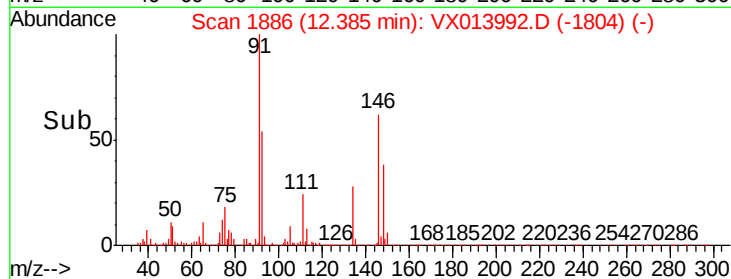
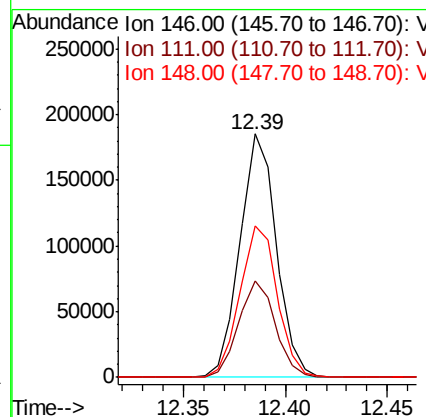
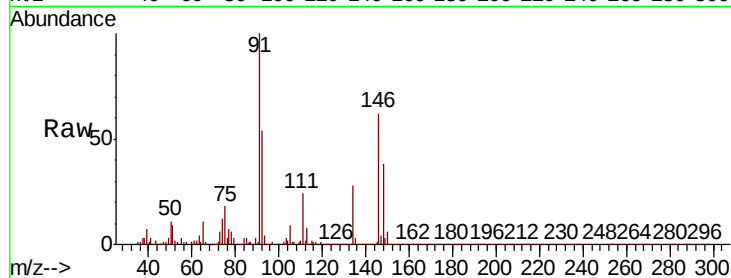
Lab File: VX013992.D

Acq: 12 Dec 2019 22:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tot Ion:146 Resp: 229048

Ion	Ratio	Lower	Upper
146	100		
111	40.1	20.1	60.2
148	64.1	32.0	96.2



#88

1,2-Dibromo-3-Chloropropane

Concen: 16.414 ug/l

RT: 12.99 min Scan# 1886

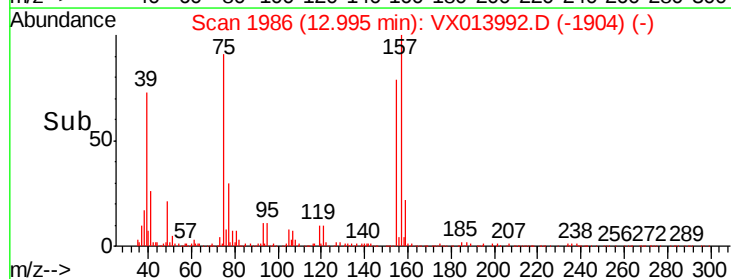
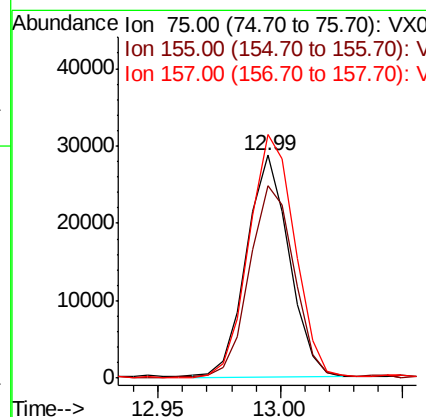
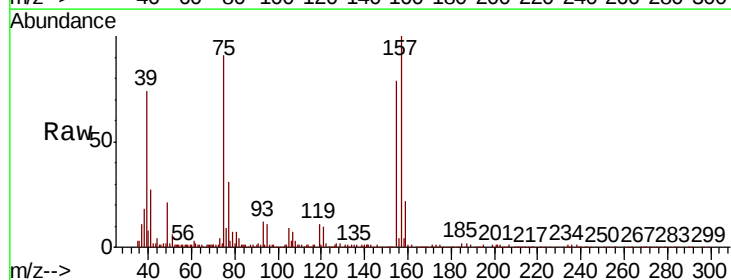
Delta R.T. 0.00 min

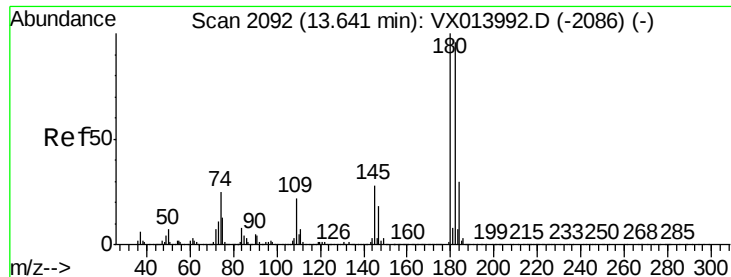
Lab File: VX013992.D

Acq: 12 Dec 2019 22:58

Tgt Ion: 75 Resp: 34708

Ion	Ratio	Lower	Upper
75	100		
155	92.2	73.8	110.6
157	118.7	95.0	142.4

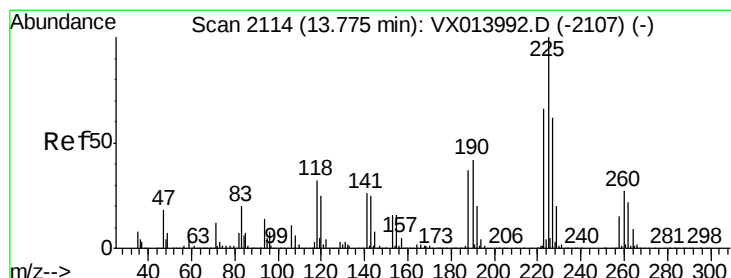
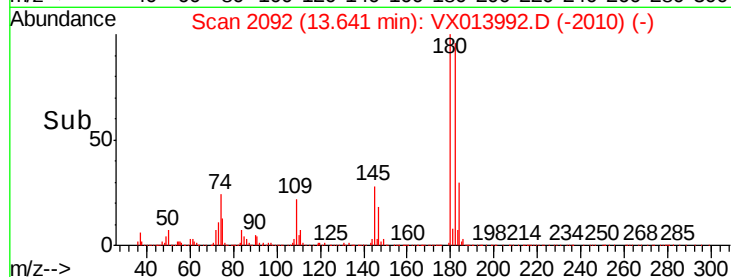
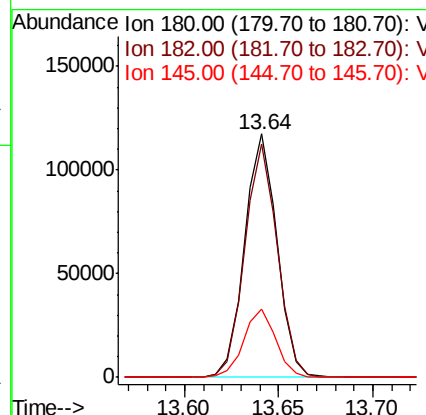
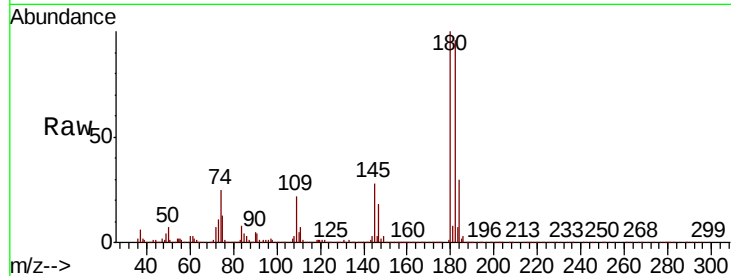




#89
 1,2,4-Trichlorobenzene
 Concen: 16.543 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX013992.D
 Acq: 12 Dec 2019 22:58

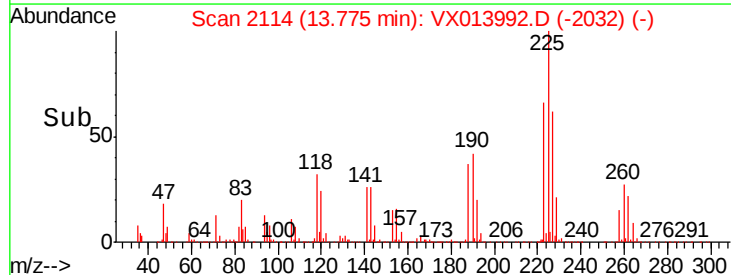
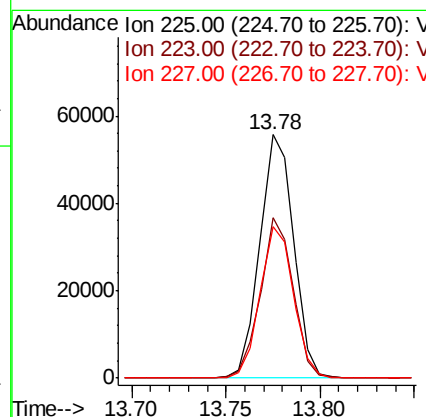
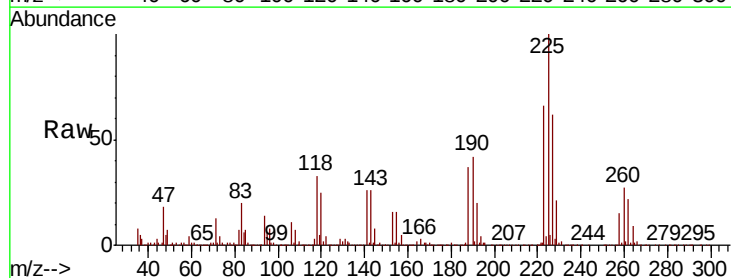
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

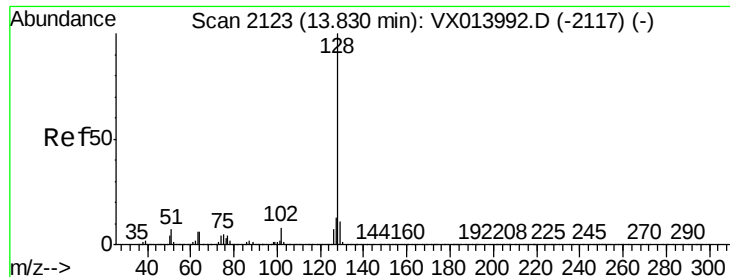
Tot Ion:180 Resp: 139660
 Ion Ratio Lower Upper
 180 100
 182 95.5 76.4 114.6
 145 27.4 21.9 32.9



#90
 Hexachlorobutadiene
 Concen: 17.108 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX013992.D
 Acq: 12 Dec 2019 22:58

Tgt Ion:225 Resp: 69514
 Ion Ratio Lower Upper
 225 100
 223 63.7 0.0 127.4
 227 61.4 0.0 122.8

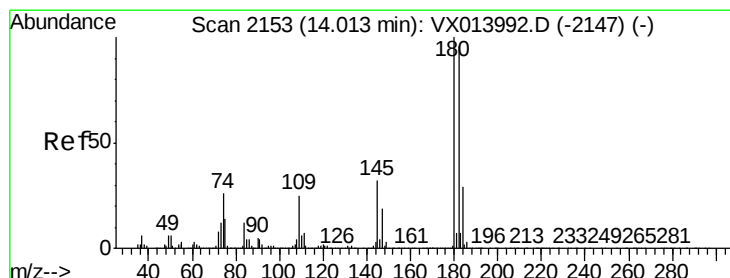
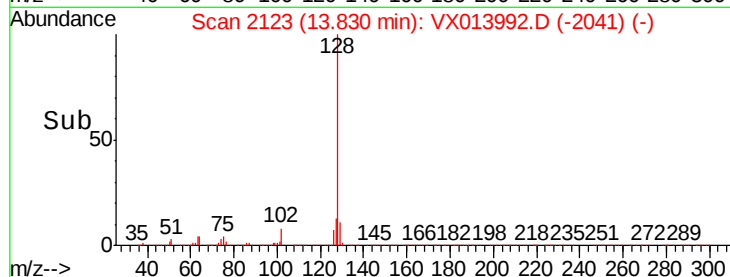
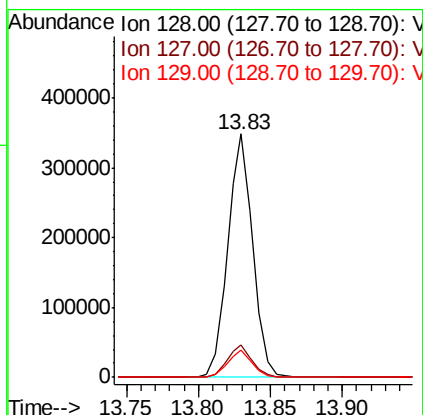
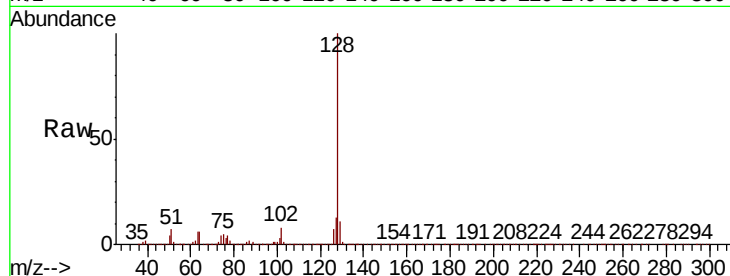




#91
Naphthalene
Concen: 16.007 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX013992.D
Acq: 12 Dec 2019 22:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.4	15.6
129	11.1	8.9	13.3



#92
1,2,3-Trichlorobenzene
Concen: 16.682 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX013992.D
Acq: 12 Dec 2019 22:58

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.4	0.0	192.8
145	30.0	0.0	60.0

