

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031220\
 Data File : VX015213.D
 Acq On : 11 Mar 2020 20:41
 Operator : JC/SP
 Sample : VSTDICCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

Quant Time: Mar 12 08:26:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X031220W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Mar 12 08:23:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.01	128	52429	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	277843	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	258966	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.06	65	105596	29.21	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	97.37%
60) 4-Bromofluorobenzene	11.13	95	120756	29.97	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	99.90%
63) Toluene-d8	8.71	98	340647	30.25	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.83%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.19	85	47149	19.791	ug/l 100
3) Chloromethane	1.32	50	68003	21.630	ug/l 100
4) Vinyl Chloride	1.40	62	69672	20.769	ug/l 100
5) Bromomethane	1.64	94	44786	19.276	ug/l 100
6) Chloroethane	1.72	64	42633	19.429	ug/l 100
7) Trichlorofluoromethane	1.93	101	86225	18.271	ug/l 100
8) Diethyl Ether	2.18	74	39135	19.419	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	52004	18.945	ug/l 100
10) 1,1-Dichloroethene	2.37	96	54421	19.497	ug/l 100
11) Methyl Iodide	2.50	142	51408	15.629	ug/l 100
12) Methyl Acetate	2.76	43	70511	20.146	ug/l 100
13) Acrolein	2.28	56	51740	78.312	ug/l 100
14) Acrylonitrile	3.13	53	163594	102.783	ug/l 100
15) Acetone	2.44	58	41876	79.752	ug/l 100
16) Carbon Disulfide	2.56	76	148212	19.612	ug/l 100
17) Allyl chloride	2.72	41	101740	20.609	ug/l 100
18) Methylene Chloride	2.85	84	64305	19.996	ug/l 100
19) trans-1,2-Dichloroethene	3.16	96	58142	19.088	ug/l 100
20) Diisopropyl ether	3.84	45	205919	20.628	ug/l 100
21) 1,1-Dichloroethane	3.69	63	108143	19.831	ug/l 100
22) cis-1,2-Dichloroethene	4.59	96	68013	19.506	ug/l 100
23) tert-Butyl Alcohol	3.03	59	62725	99.956	ug/l # 100
24) Methyl tert-Butyl Ether	3.19	73	174790	18.963	ug/l 100
25) Chloroform	5.20	83	104754	19.252	ug/l 100
26) Cyclohexane	5.58	56	98184	20.099	ug/l # 100
29) 1,1-Dichloropropene	5.79	75	79168	19.801	ug/l 100
30) 2-Butanone	4.66	43	222876	97.987	ug/l 100
31) 2,2-Dichloropropane	4.58	77	70042	16.593	ug/l 100
32) 1,1,1-Trichloroethane	5.49	97	85689	19.035	ug/l 100
33) Carbon Tetrachloride	5.78	117	74186	18.869	ug/l 100
34) Benzene	6.14	78	249569	20.556	ug/l 100
35) Methacrylonitrile	5.03	41	47225	19.919	ug/l 100
36) 1,2-Dichloroethane	6.19	62	80960	19.167	ug/l 100
37) Trichloroethene	7.21	130	68804	20.162	ug/l 100
38) Methylcyclohexane	7.46	83	92785	18.887	ug/l 100
39) 1,2-Dichloropropane	7.51	63	65338	20.787	ug/l 100
40) Dibromomethane	7.65	93	42281	20.362	ug/l 100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031220\
 Data File : VX015213.D
 Acq On : 11 Mar 2020 20:41
 Operator : JC/SP
 Sample : VSTDICCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

Quant Time: Mar 12 08:26:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X031220W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Mar 12 08:23:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.89	83	77447	19.059	ug/l	100
42) Vinyl Acetate	3.81	43	855398	104.211	ug/l	100
43) Ethyl Acetate	4.83	43	88548	20.891	ug/l #	98
44) Isopropyl Acetate	6.43	43	137573	19.611	ug/l	100
45) 1,4-Dioxane	7.74	88	29920	447.951	ug/l	99
46) Methyl methacrylate	7.76	41	68002	19.540	ug/l	100
47) n-amyl Acetate	10.89	43	113886	18.788	ug/l	100
48) t-1,3-Dichloropropene	9.04	75	83369	18.520	ug/l	100
49) cis-1,3-Dichloropropene	8.43	75	96177	19.299	ug/l	100
50) 1,1,2-Trichloroethane	9.21	97	63304	20.476	ug/l	100
51) Ethyl methacrylate	9.17	69	91982	19.289	ug/l	100
52) 1,3-Dichloropropane	9.37	76	105999	20.254	ug/l	100
53) Dibromochloromethane	9.57	129	62734	18.946	ug/l	100
54) 1,2-Dibromoethane	9.67	107	64618	19.726	ug/l	100
55) 2-Chloroethyl vinyl ether	8.31	63	246506	97.729	ug/l	100
56) Bromoform	10.85	173	46712	18.110	ug/l	100
58) 4-Methyl-2-Pentanone	8.64	43	441368	101.963	ug/l	100
59) 2-Hexanone	9.48	43	326681	98.011	ug/l	100
61) Tetrachloroethene	9.33	164	71162	20.205	ug/l	100
62) Toluene	8.78	91	263081	19.650	ug/l	100
64) Chlorobenzene	10.14	112	165542	19.387	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.21	131	60966	19.305	ug/l	100
66) Ethyl Benzene	10.25	91	283512	19.276	ug/l	100
67) m/p-Xylenes	10.35	106	218035	38.435	ug/l	100
68) o-Xylene	10.70	106	104267	19.017	ug/l	100
69) Styrene	10.71	104	182073	19.313	ug/l	100
70) Isopropylbenzene	11.01	105	277101	19.064	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.26	83	91079	19.379	ug/l	100
72) 1,2,3-Trichloropropane	11.29	75	103502	25.846	ug/l	90
73) Bromobenzene	11.25	156	74601	18.999	ug/l	100
74) n-propylbenzene	11.35	91	318757	19.214	ug/l	100
75) 2-Chlorotoluene	11.42	91	187019	19.150	ug/l	100
76) 1,3,5-Trimethylbenzene	11.50	105	228923	18.833	ug/l	100
77) t-1,4-Dichloro-2-butene	11.07	75	27142	17.368	ug/l	100
78) 4-Chlorotoluene	11.51	91	219231	19.290	ug/l	100
79) tert-butylbenzene	11.76	119	214982	18.352	ug/l	100
80) 1,2,4-Trimethylbenzene	11.80	105	232088	19.134	ug/l	100
81) sec-Butylbenzene	11.94	105	268975	19.053	ug/l	100
82) p-Isopropyltoluene	12.06	119	241257	18.512	ug/l	100
83) 1,3-Dichlorobenzene	12.02	146	131419	18.988	ug/l	100
84) 1,4-Dichlorobenzene	12.09	146	132727	19.069	ug/l	100
85) n-Butylbenzene	12.39	91	208174	18.246	ug/l	100
86) Hexachloroethane	12.59	117	41936	17.699	ug/l	100
87) 1,2-Dichlorobenzene	12.39	146	128545	18.759	ug/l	100
88) 1,2-Dibromo-3-Chloropropan	12.99	75	17830	17.649	ug/l	100
89) 1,2,4-Trichlorobenzene	13.64	180	92504	18.647	ug/l	100
90) Hexachlorobutadiene	13.77	225	45267	18.442	ug/l	100
91) Naphthalene	13.83	128	262809	18.815	ug/l	100
92) 1,2,3-Trichlorobenzene	14.01	180	94976	19.212	ug/l	100

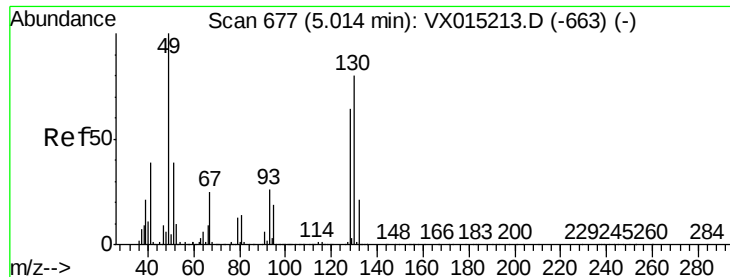
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031220\
Data File : VX015213.D
Acq On : 11 Mar 2020 20:41
Operator : JC/SP
Sample : VSTDICCC020
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Quant Time: Mar 12 08:26:11 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X031220W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Mar 12 08:23:39 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
--------------------	------	------	----------	------	-------	----------

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

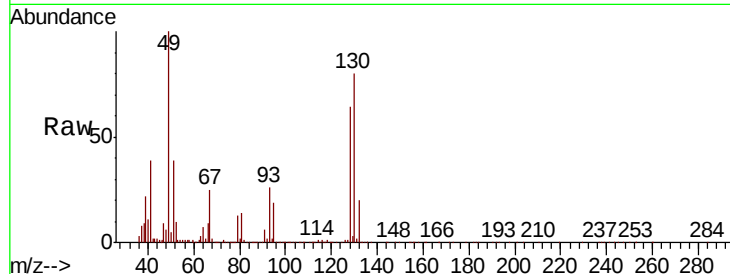


#1

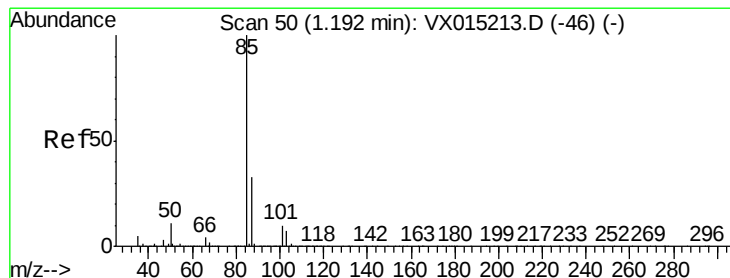
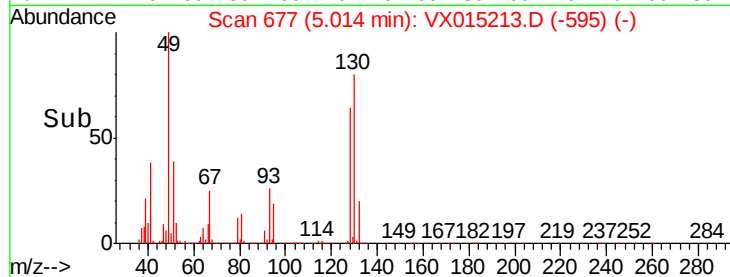
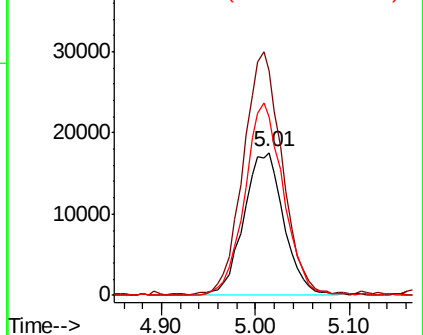
Bromochloromethane
 Concen: 30.000 ug/l
 RT: 5.01 min Scan# 677
 Delta R.T. 0.00 min
 Lab File: VX015213.D
 Acq: 11 Mar 2020 20:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

Tot Ion:128 Resp: 52429
 Ion Ratio Lower Upper
 128 100
 49 164.3 0.0 410.8
 130 129.7 0.0 324.3



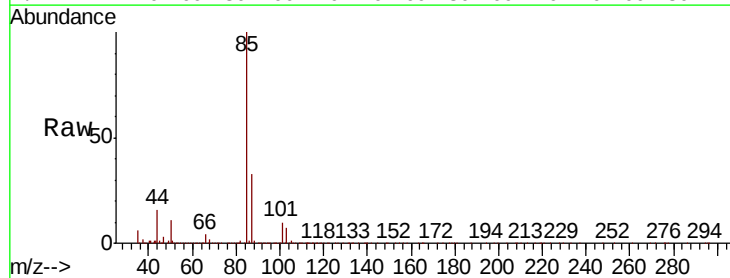
Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 49.00 (48.70 to 49.70): VX0
 Ion 130.00 (129.70 to 130.70): V



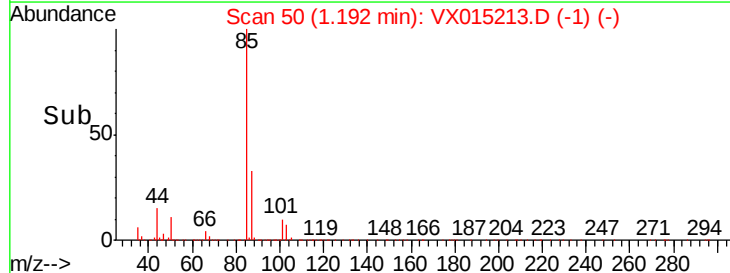
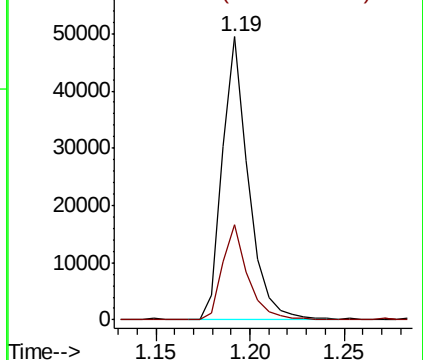
#2

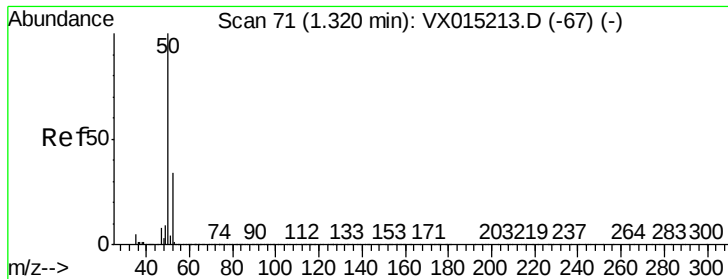
Dichlorodifluoromethane
 Concen: 19.791 ug/l
 RT: 1.19 min Scan# 50
 Delta R.T. 0.00 min
 Lab File: VX015213.D
 Acq: 11 Mar 2020 20:41

Tgt Ion: 85 Resp: 47149
 Ion Ratio Lower Upper
 85 100
 87 33.2 16.6 49.8



Abundance Ion 85.00 (84.70 to 85.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0

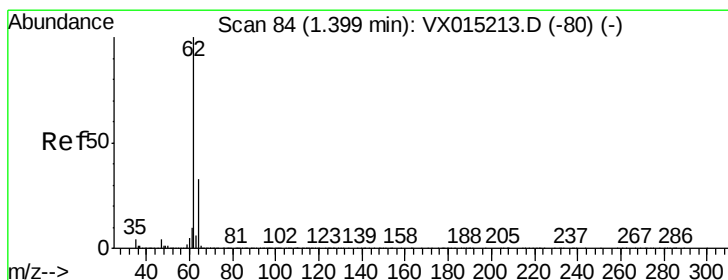
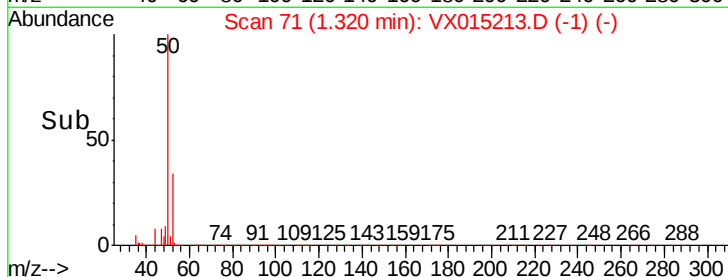
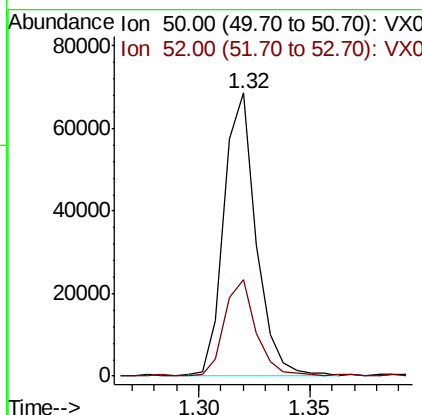
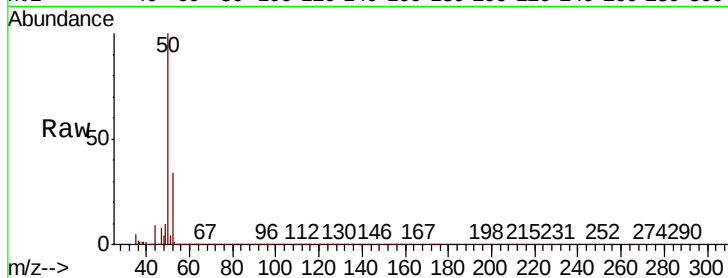




#3
Chloromethane
Concen: 21.630 ug/l
RT: 1.32 min Scan# 71
Delta R.T. 0.00 min
Lab File: VX015213.D
Acq: 11 Mar 2020 20:41

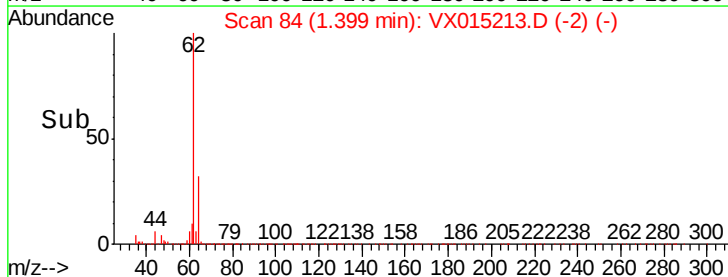
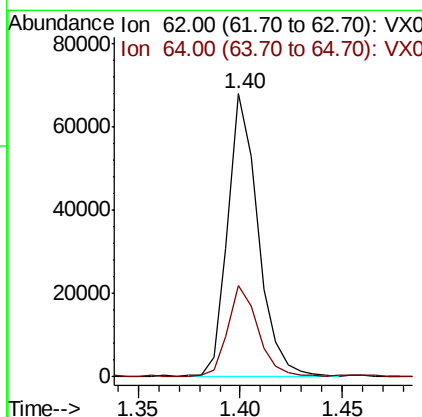
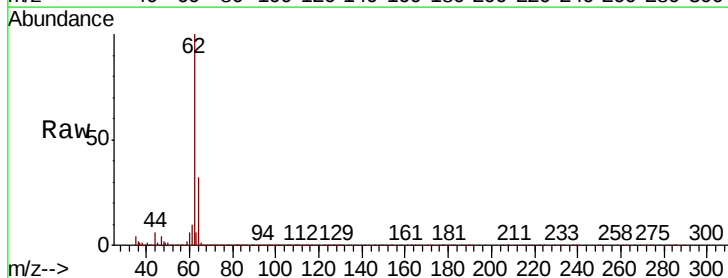
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

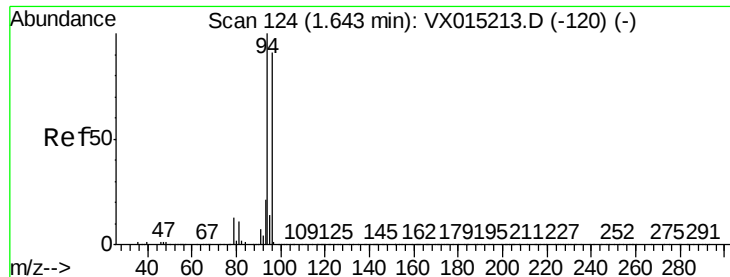
Tot Ion: 50 Resp: 68003
Ion Ratio Lower Upper
50 100
52 34.2 27.4 41.0



#4
Vinyl Chloride
Concen: 20.769 ug/l
RT: 1.40 min Scan# 84
Delta R.T. 0.00 min
Lab File: VX015213.D
Acq: 11 Mar 2020 20:41

Tgt Ion: 62 Resp: 69672
Ion Ratio Lower Upper
62 100
64 32.4 25.9 38.9





#5

Bromomethane

Concen: 19.276 ug/l

RT: 1.64 min Scan# 124

Delta R.T. 0.00 min

Lab File: VX015213.D

Acq: 11 Mar 2020 20:41

Instrument :

MSVOA_X

ClientSampleId :

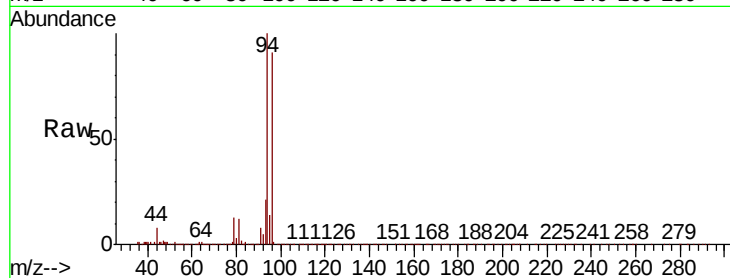
VSTDICCC020

Tot Ion: 94 Resp: 44786

Ion Ratio Lower Upper

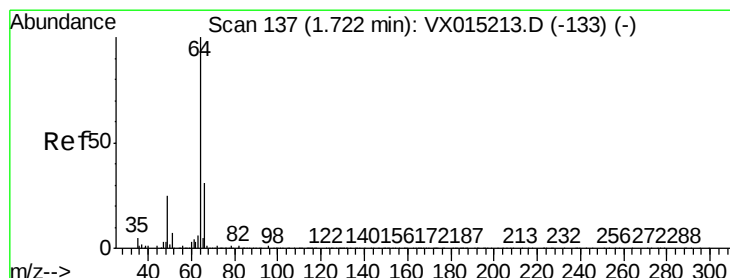
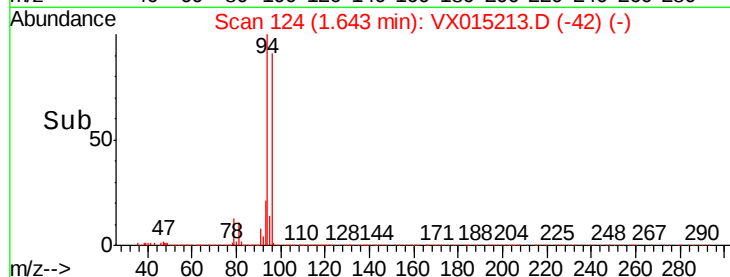
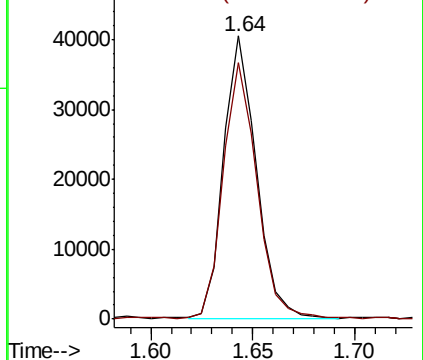
94 100

96 90.2 72.2 108.2



Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0



#6

Chloroethane

Concen: 19.429 ug/l

RT: 1.72 min Scan# 137

Delta R.T. 0.00 min

Lab File: VX015213.D

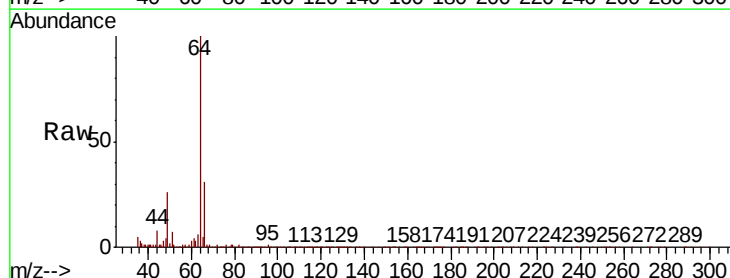
Acq: 11 Mar 2020 20:41

Tgt Ion: 64 Resp: 42633

Ion Ratio Lower Upper

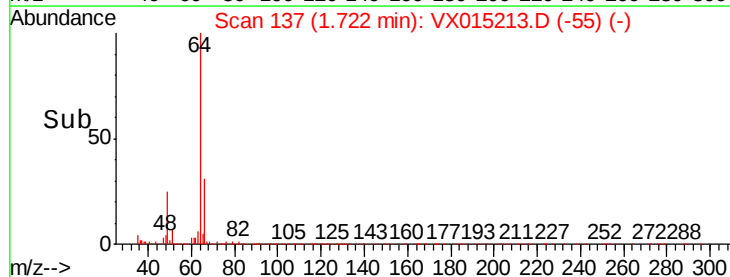
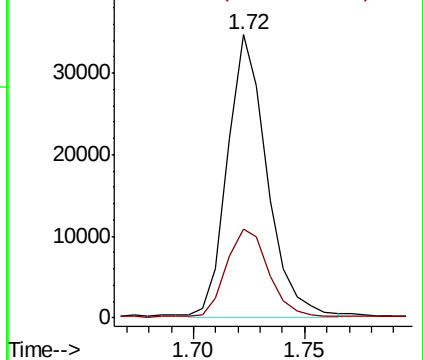
64 100

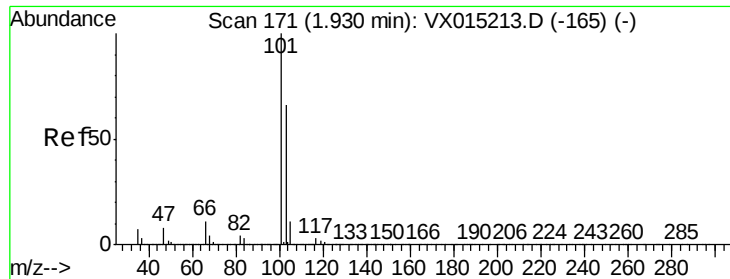
66 31.1 24.9 37.3



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0



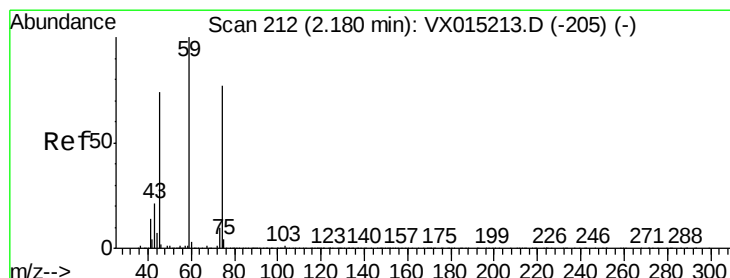
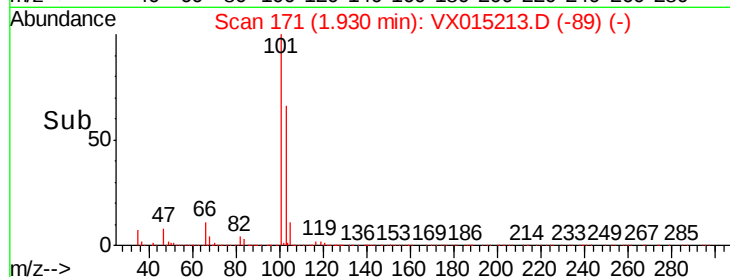
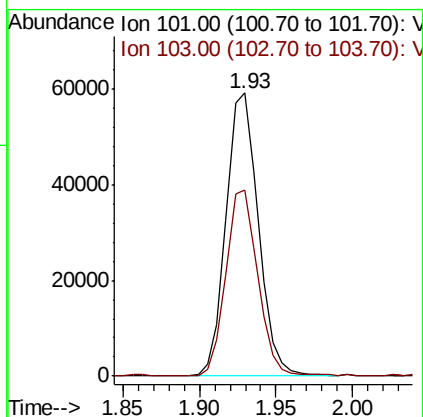
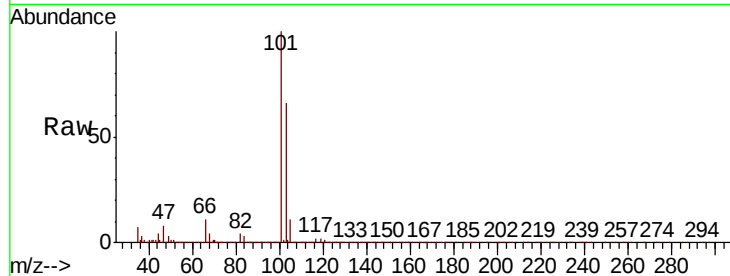


#7

Trichlorofluoromethane
Concen: 18.271 ug/l
RT: 1.93 min Scan# 171
Delta R.T. 0.00 min
Lab File: VX015213.D
Acq: 11 Mar 2020 20:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

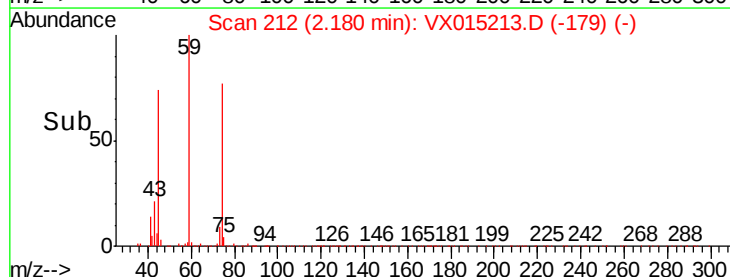
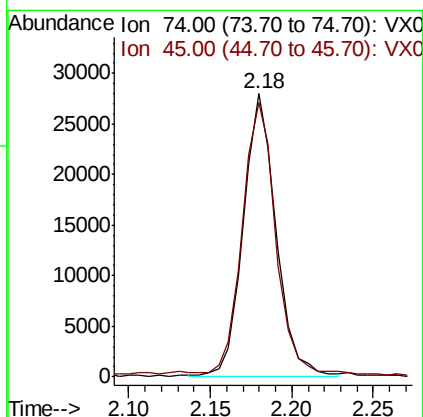
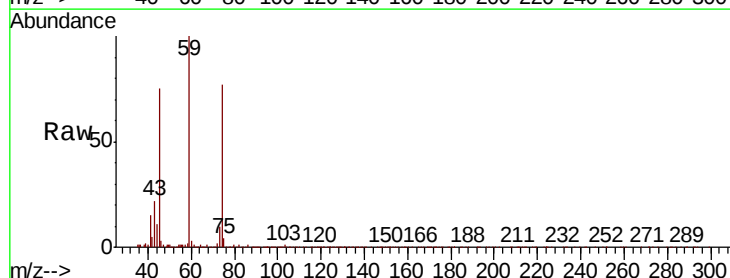
Tot Ion:101 Resp: 86225
Ion Ratio Lower Upper
101 100
103 65.6 52.5 78.7

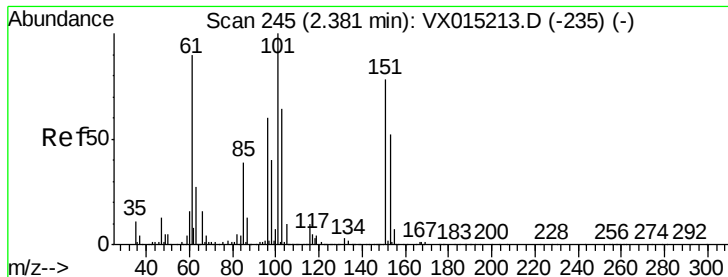


#8

Diethyl Ether
Concen: 19.419 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX015213.D
Acq: 11 Mar 2020 20:41

Tgt Ion: 74 Resp: 39135
Ion Ratio Lower Upper
74 100
45 95.3 19.1 171.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.945 ug/l

RT: 2.38 min Scan# 245

Delta R.T. 0.00 min

Lab File: VX015213.D

Acq: 11 Mar 2020 20:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

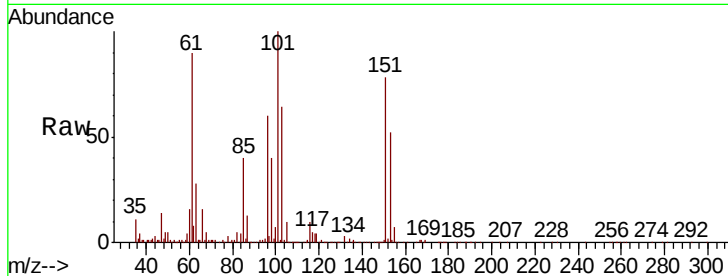
Tot Ion:101 Resp: 52004

Ion Ratio Lower Upper

101 100

85 42.3 0.0 84.6

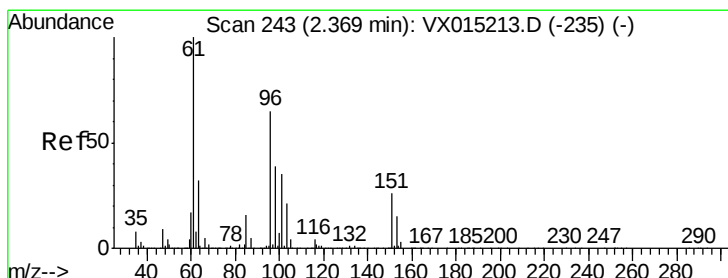
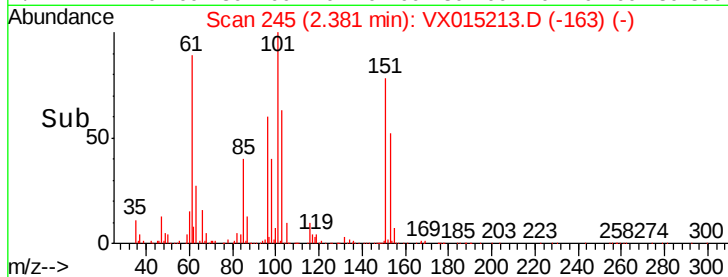
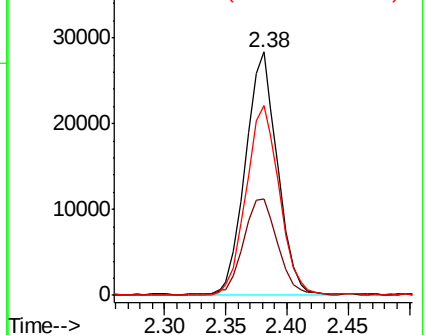
151 80.9 0.0 161.8



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VX0

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 19.497 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.00 min

Lab File: VX015213.D

Acq: 11 Mar 2020 20:41

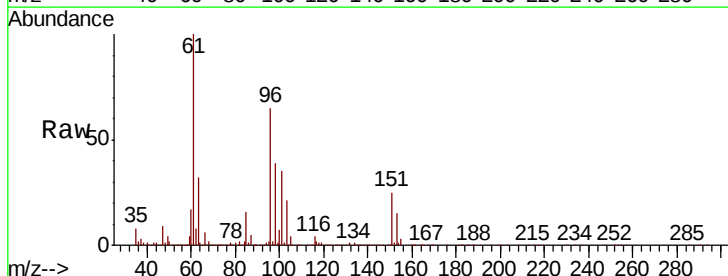
Tgt Ion: 96 Resp: 54421

Ion Ratio Lower Upper

96 100

61 153.9 123.1 184.7

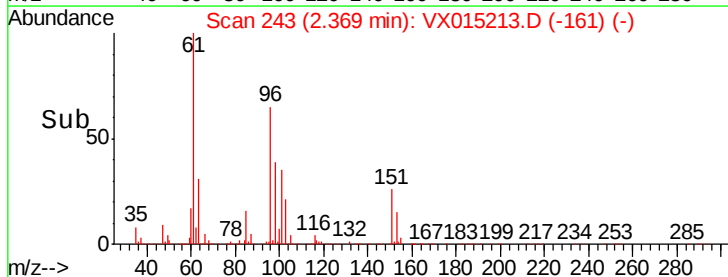
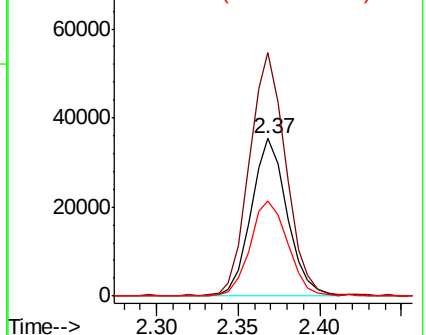
98 60.1 48.1 72.1

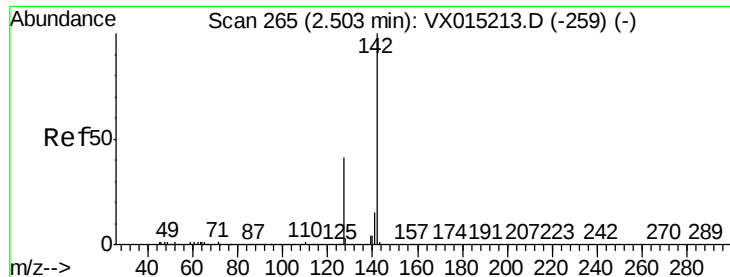


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

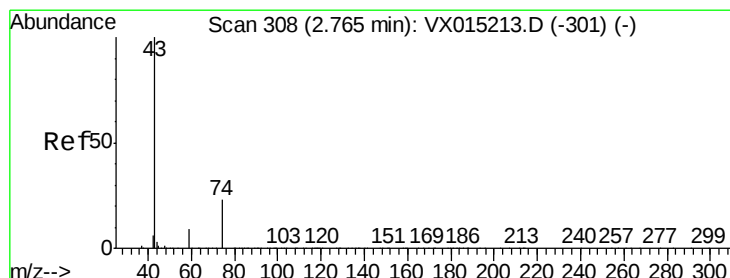
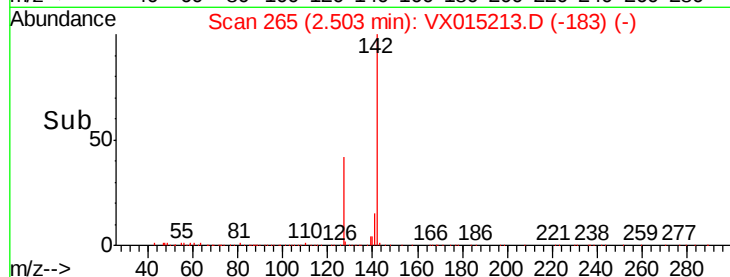
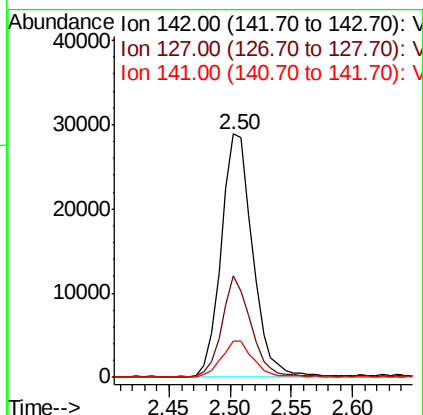
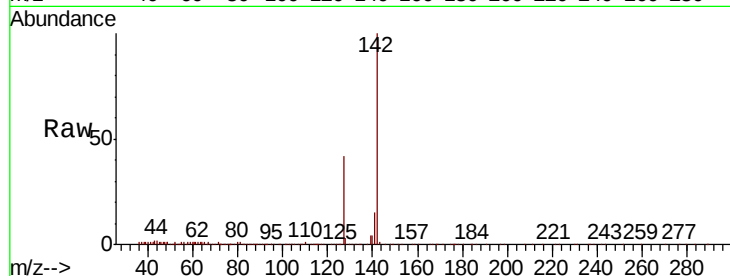




#11
Methyl Iodide
Concen: 15.629 ug/l
RT: 2.50 min Scan# 265
Delta R.T. 0.00 min
Lab File: VX015213.D
Acq: 11 Mar 2020 20:41

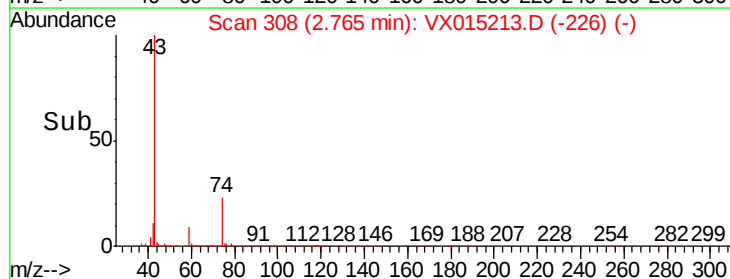
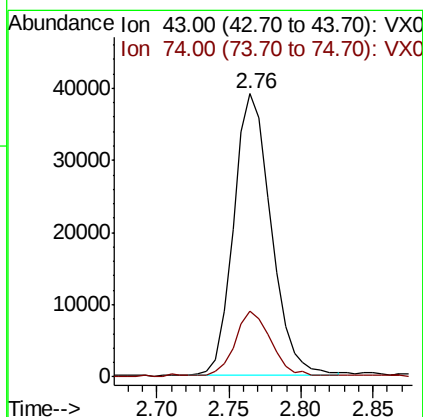
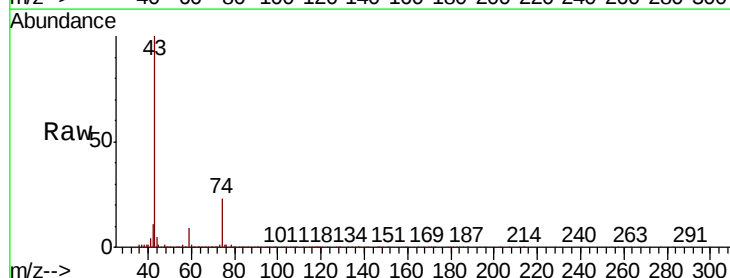
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

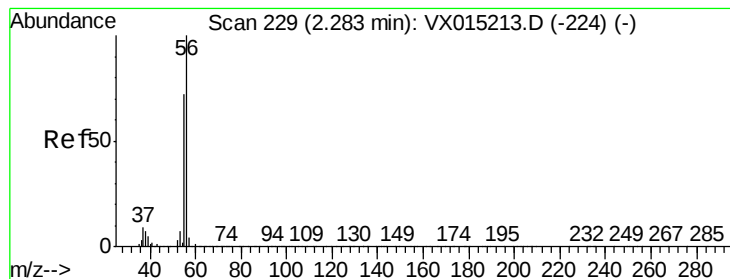
Tot Ion	Ratio	Lower	Upper
142	100		
127	41.4	20.7	62.1
141	15.1	7.5	22.6



#12
Methyl Acetate
Concen: 20.146 ug/l
RT: 2.76 min Scan# 308
Delta R.T. 0.00 min
Lab File: VX015213.D
Acq: 11 Mar 2020 20:41

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.9	18.3	27.5





#13

Acrolein

Concen: 78.312 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX015213.D

Acq: 11 Mar 2020 20:41

Instrument :

MSVOA_X

ClientSampleId :

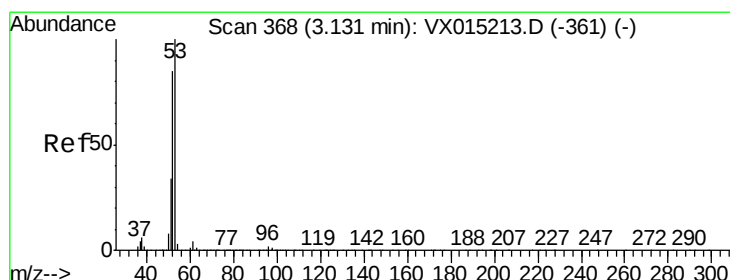
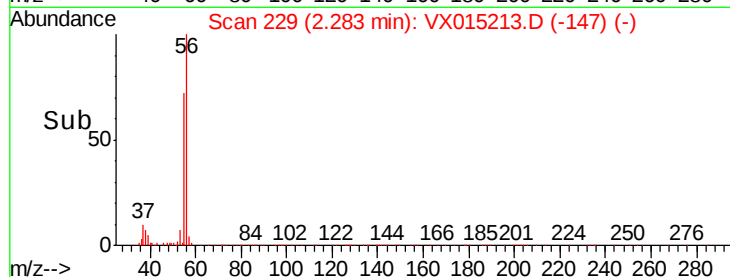
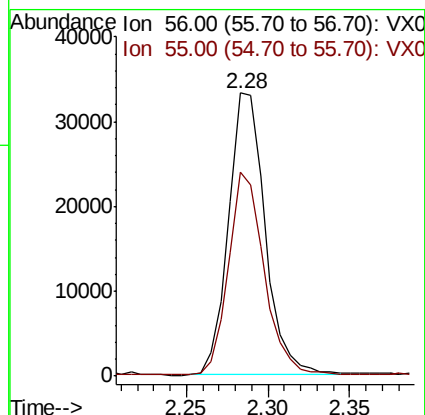
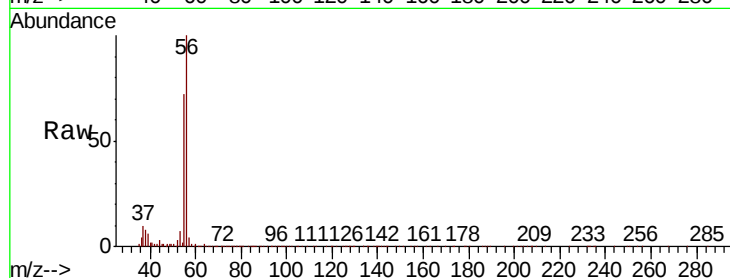
VSTDICCC020

Tot Ion: 56 Resp: 51740

Ion Ratio Lower Upper

56 100

55 70.3 56.2 84.4



#14

Acrylonitrile

Concen: 102.783 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX015213.D

Acq: 11 Mar 2020 20:41

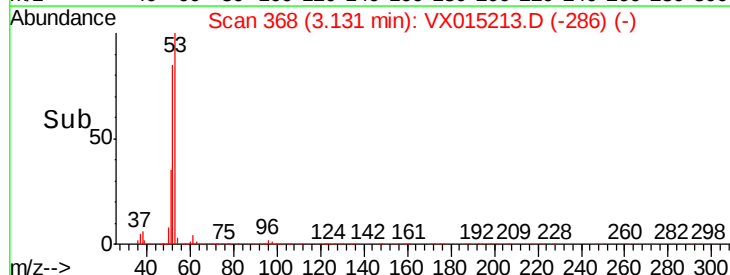
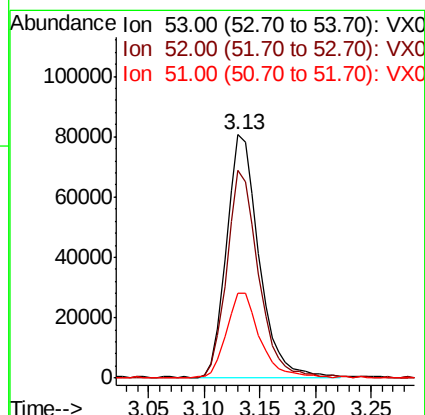
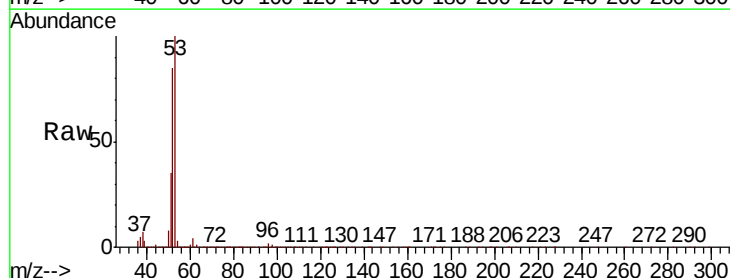
Tgt Ion: 53 Resp: 163594

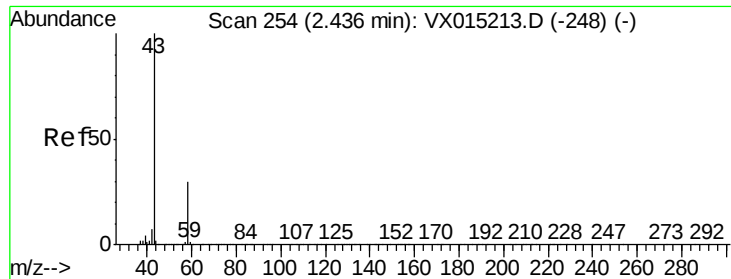
Ion Ratio Lower Upper

53 100

52 82.0 41.1 123.3

51 36.3 18.1 54.4





#15

Acetone

Concen: 79.752 ug/l

RT: 2.44 min Scan# 254

Delta R.T. 0.00 min

Lab File: VX015213.D

Acq: 11 Mar 2020 20:41

Instrument :

MSVOA_X

ClientSampleId :

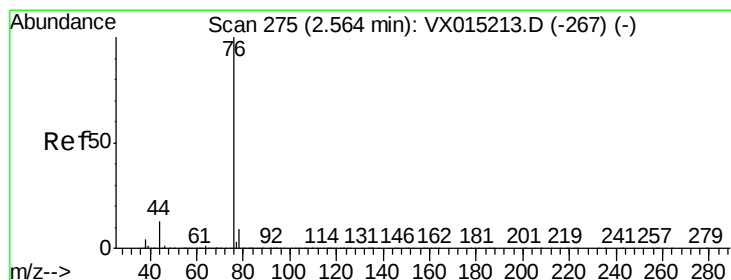
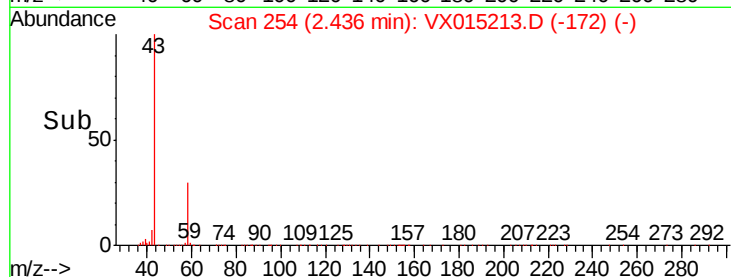
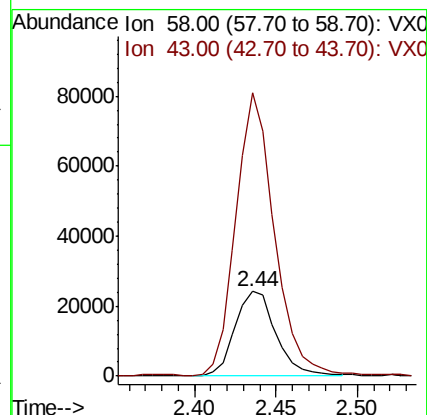
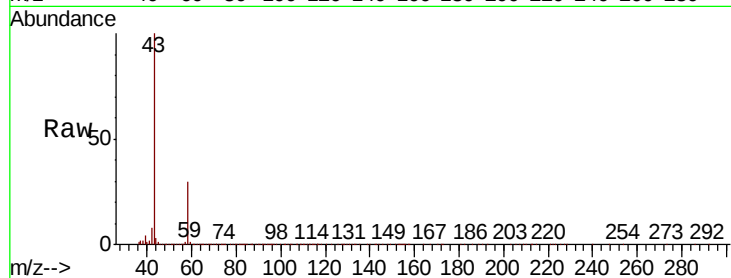
VSTDICCC020

Tot Ion: 58 Resp: 41876

Ion Ratio Lower Upper

58 100

43 334.6 267.7 401.5



#16

Carbon Disulfide

Concen: 19.612 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.00 min

Lab File: VX015213.D

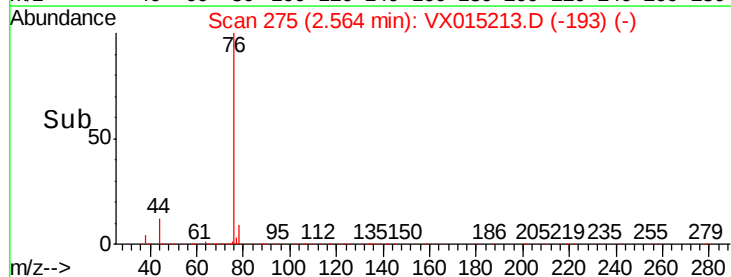
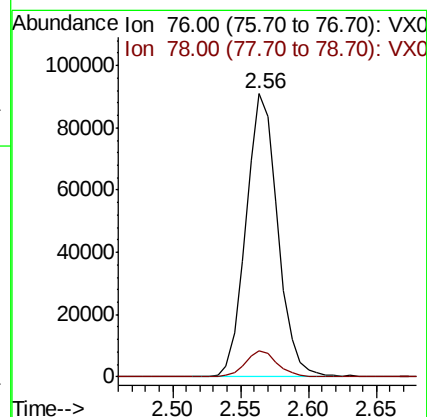
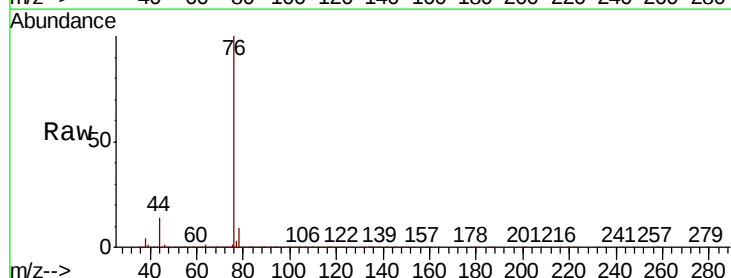
Acq: 11 Mar 2020 20:41

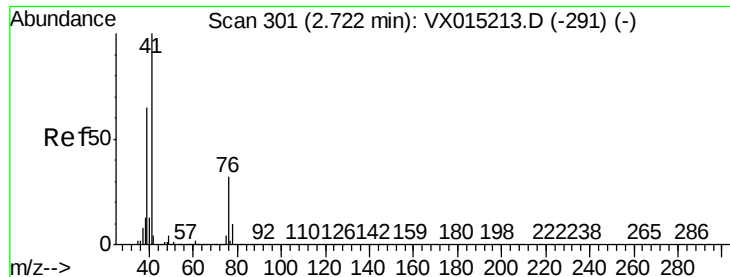
Tgt Ion: 76 Resp: 148212

Ion Ratio Lower Upper

76 100

78 9.1 7.3 10.9

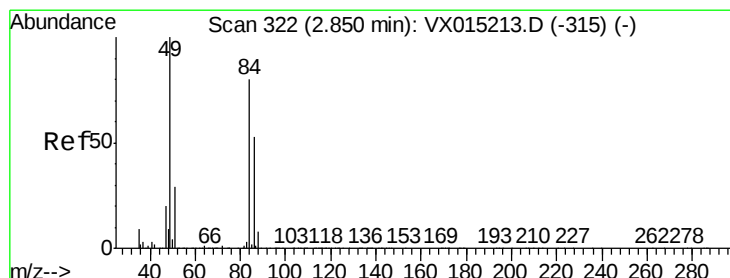
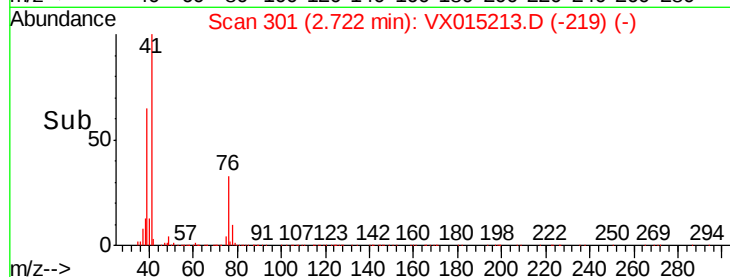
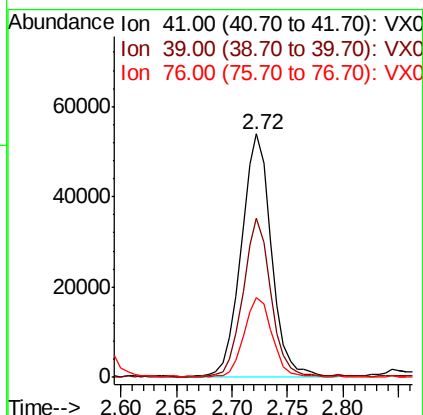
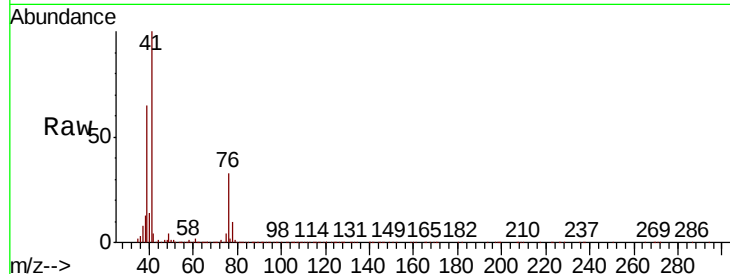




#17
Allvl chloride
Concen: 20.609 ug/l
RT: 2.72 min Scan# 301
Delta R.T. 0.00 min
Lab File: VX015213.D
Acq: 11 Mar 2020 20:41

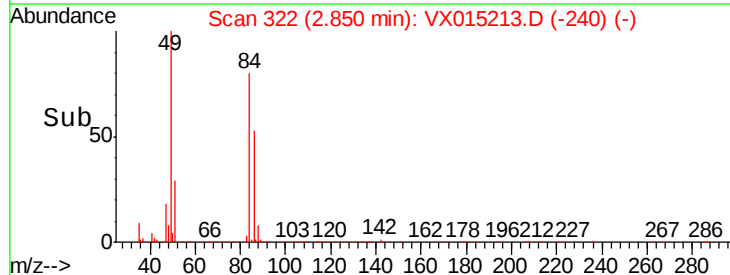
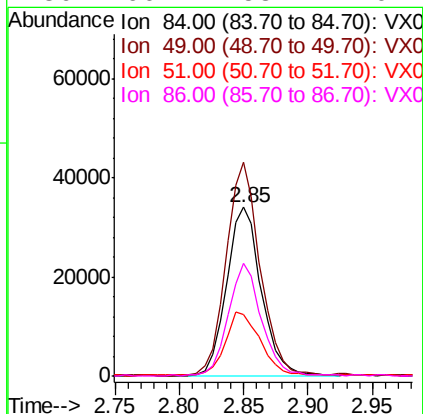
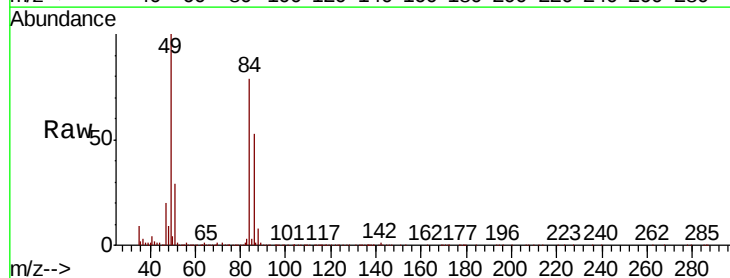
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

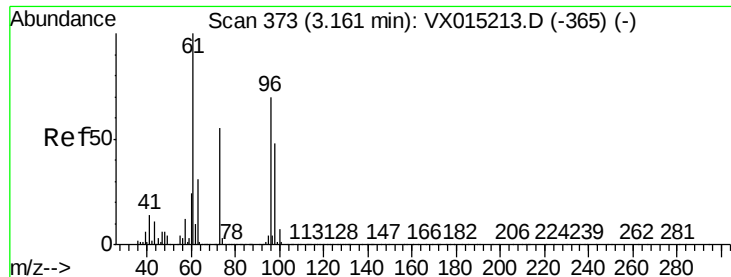
Tot Ion: 41 Resp: 101740
Ion Ratio Lower Upper
41 100
39 65.1 32.6 97.7
76 32.3 16.2 48.5



#18
Methylene Chloride
Concen: 19.996 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX015213.D
Acq: 11 Mar 2020 20:41

Tgt Ion: 84 Resp: 64305
Ion Ratio Lower Upper
84 100
49 125.6 100.5 150.7
51 35.9 28.7 43.1
86 66.4 53.1 79.7





#19

trans-1,2-Dichloroethene

Concen: 19.088 ug/l

RT: 3.16 min Scan# 373

Delta R.T. 0.00 min

Lab File: VX015213.D

Acq: 11 Mar 2020 20:41

Instrument :

MSVOA_X

ClientSampled :

VSTDICCC020

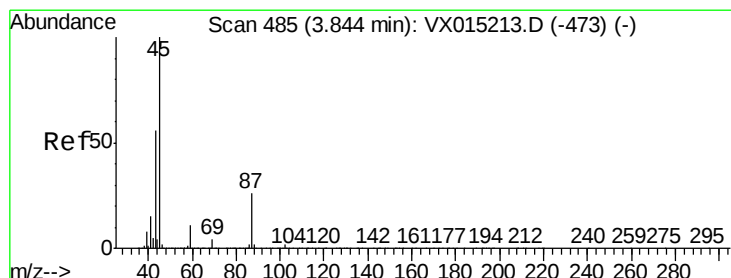
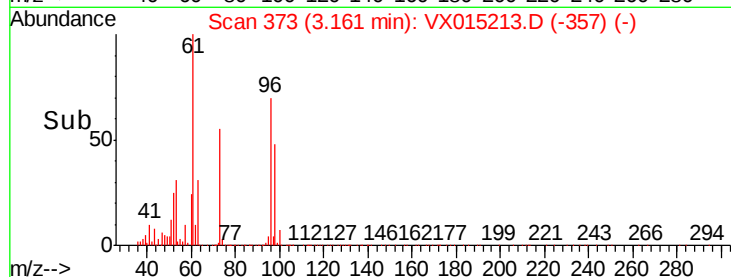
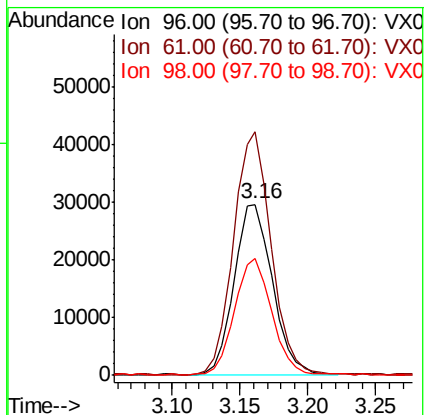
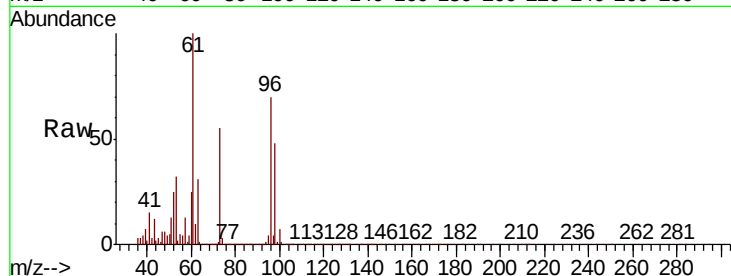
Tot Ion: 96 Resp: 58142

Ion Ratio Lower Upper

96 100

61 142.2 113.8 170.6

98 68.3 54.6 82.0



#20

Diisopropyl ether

Concen: 20.628 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX015213.D

Acq: 11 Mar 2020 20:41

Tgt Ion: 45 Resp: 205919

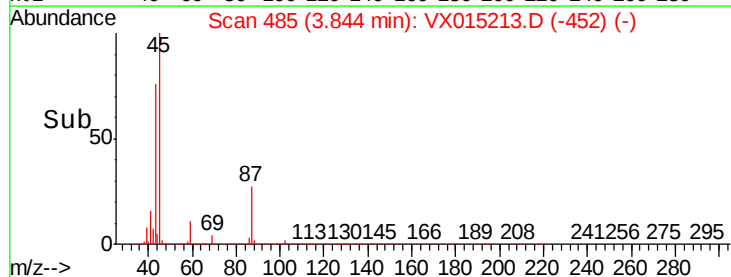
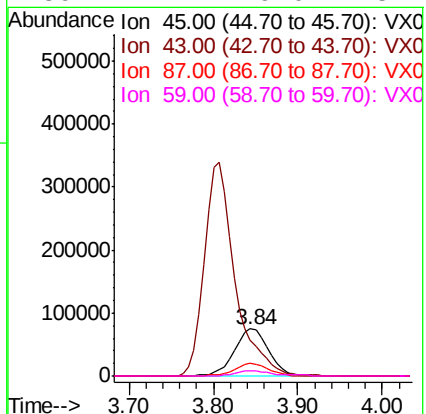
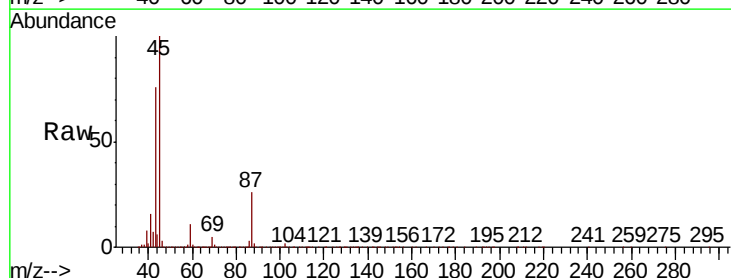
Ion Ratio Lower Upper

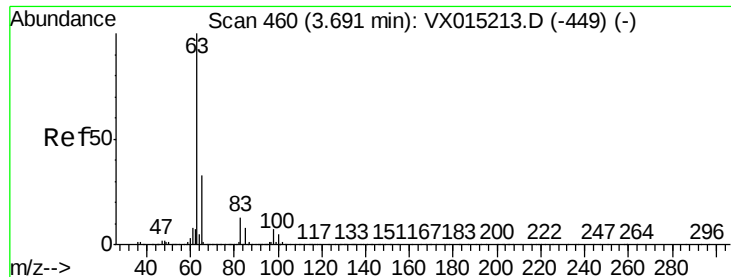
45 100

43 75.4 60.3 90.5

87 26.3 21.0 31.6

59 11.2 9.0 13.4





#21

1,1-Dichloroethane

Concen: 19.831 ug/l

RT: 3.69 min Scan# 460

Delta R.T. 0.00 min

Lab File: VX015213.D

Acq: 11 Mar 2020 20:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

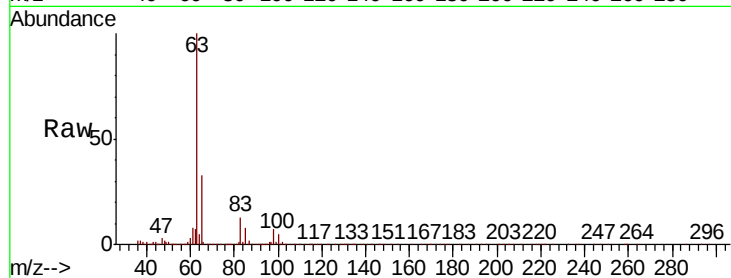
Tot Ion: 63 Resp: 108143

Ion Ratio Lower Upper

63 100

98 7.2 3.6 10.8

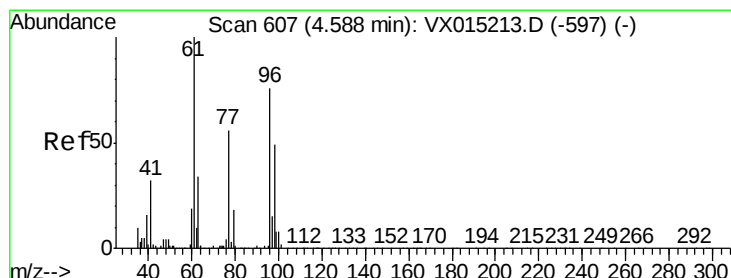
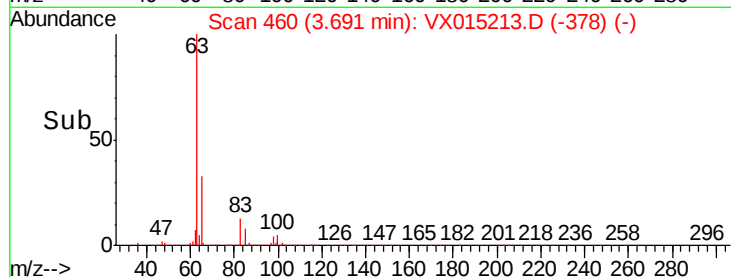
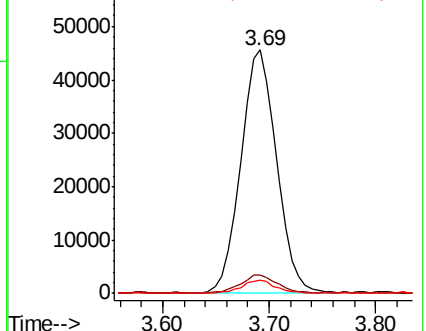
100 5.2 2.6 7.8



Abundance Ion 63.00 (62.70 to 63.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0



#22

cis-1,2-Dichloroethene

Concen: 19.506 ug/l

RT: 4.59 min Scan# 607

Delta R.T. 0.00 min

Lab File: VX015213.D

Acq: 11 Mar 2020 20:41

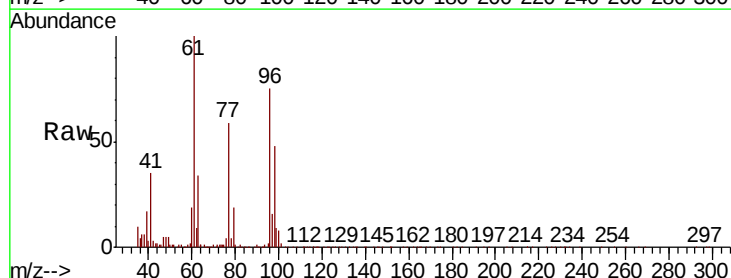
Tgt Ion: 96 Resp: 68013

Ion Ratio Lower Upper

96 100

61 136.5 109.3 163.9

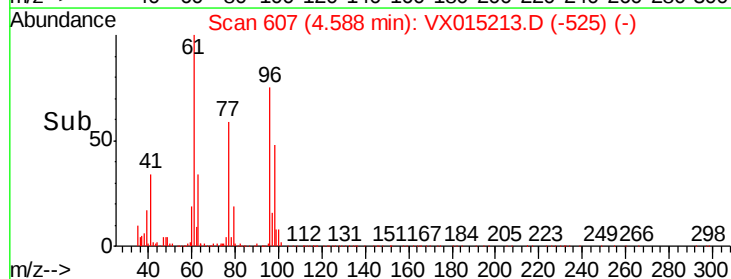
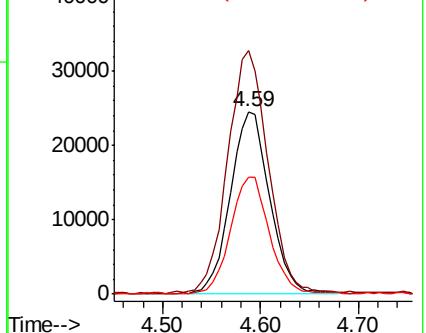
98 64.0 51.3 76.9

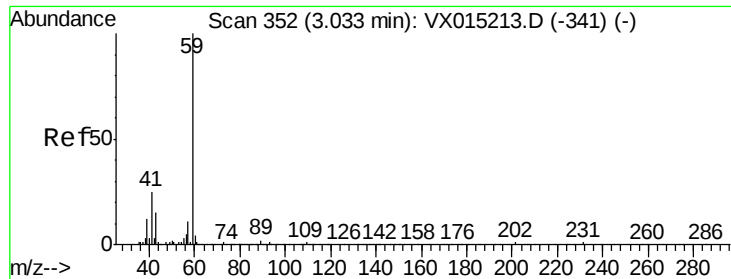


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



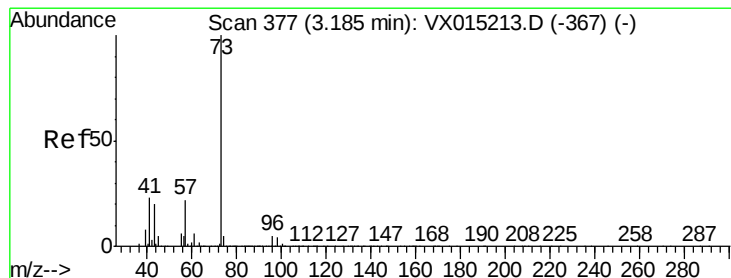
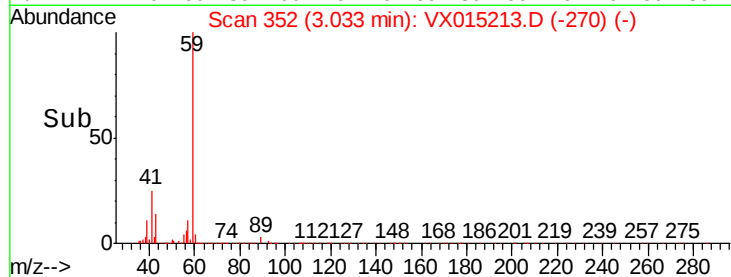
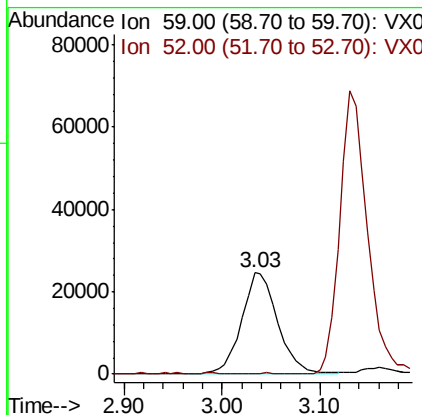
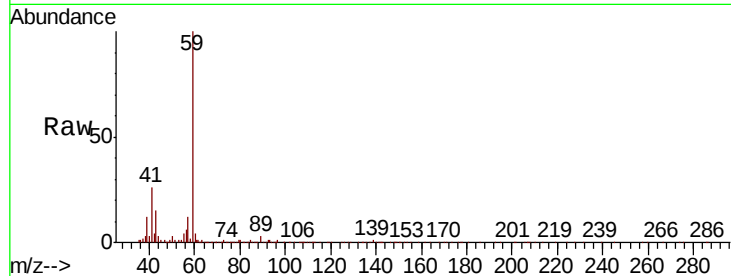


#23

tert-Butyl Alcohol
 Concen: 99.956 ug/l
 RT: 3.03 min Scan# 352
 Delta R.T. 0.00 min
 Lab File: VX015213.D
 Acq: 11 Mar 2020 20:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

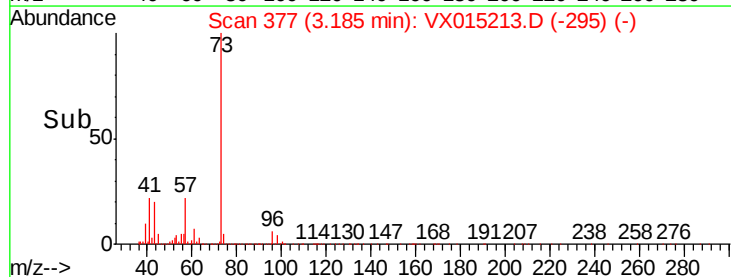
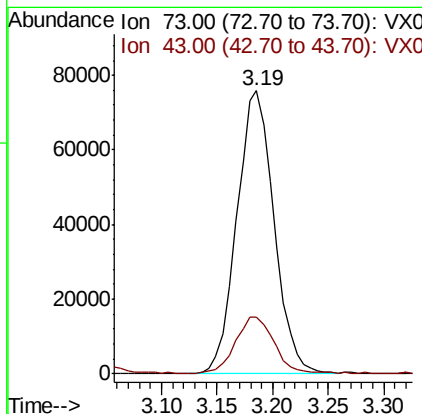
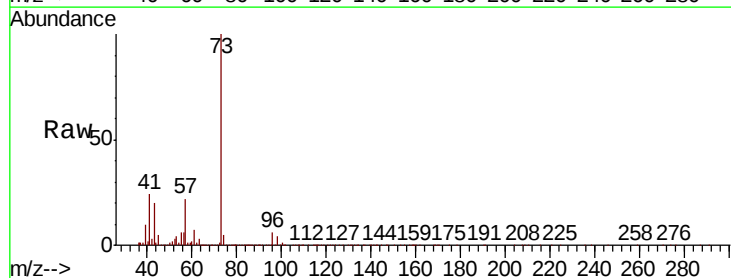
Tot Ion: 59 Resp: 62725
 Ion Ratio Lower Upper
 59 100
 52 0.2 0.2 0.2#

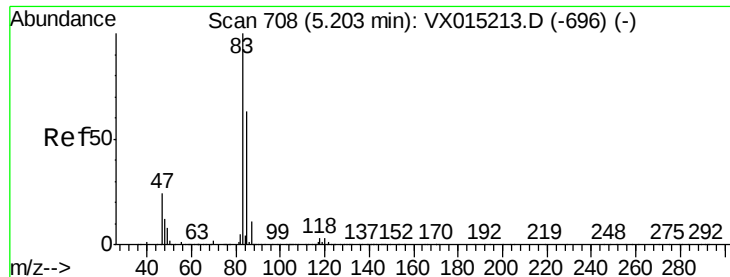


#24

Methyl tert-Butyl Ether
 Concen: 18.963 ug/l
 RT: 3.19 min Scan# 377
 Delta R.T. 0.00 min
 Lab File: VX015213.D
 Acq: 11 Mar 2020 20:41

Tgt Ion: 73 Resp: 174790
 Ion Ratio Lower Upper
 73 100
 43 20.5 16.4 24.6

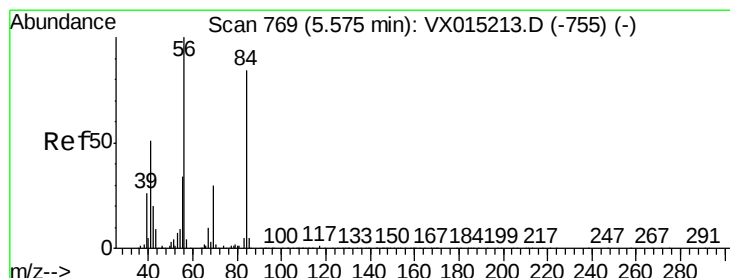
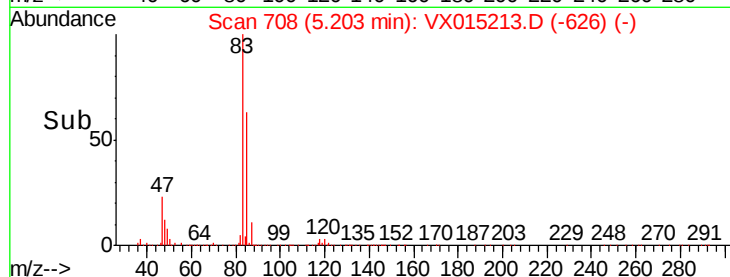
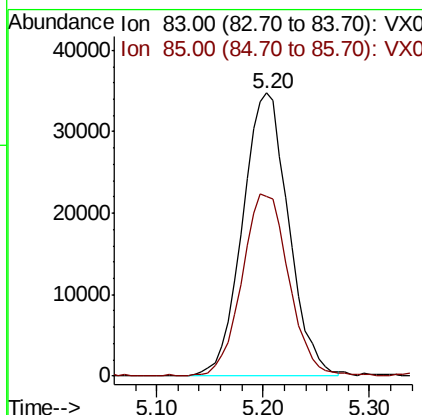
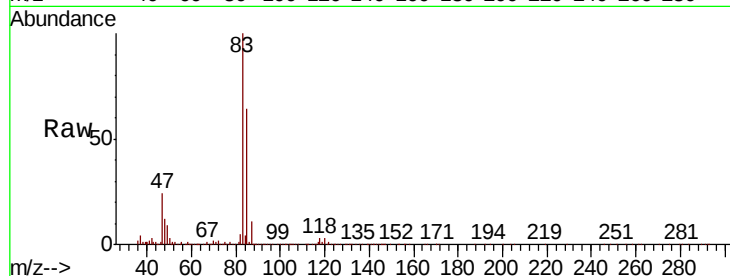




#25
Chloroform
Concen: 19.252 ug/l
RT: 5.20 min Scan# 708
Delta R.T. 0.00 min
Lab File: VX015213.D
Acq: 11 Mar 2020 20:41

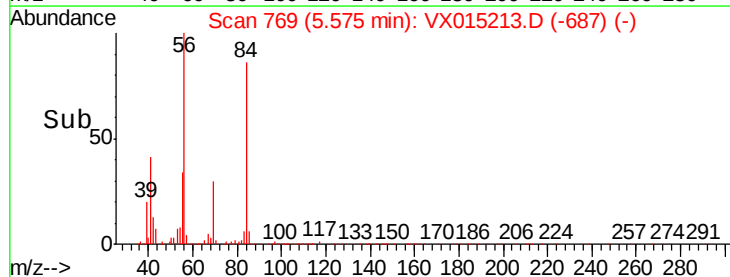
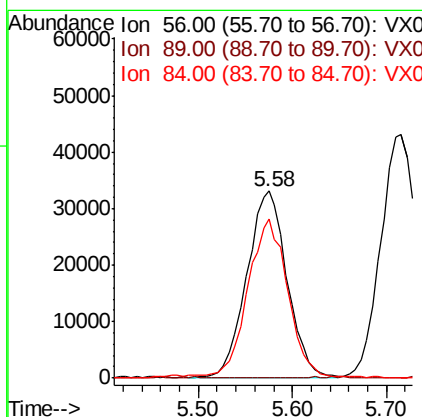
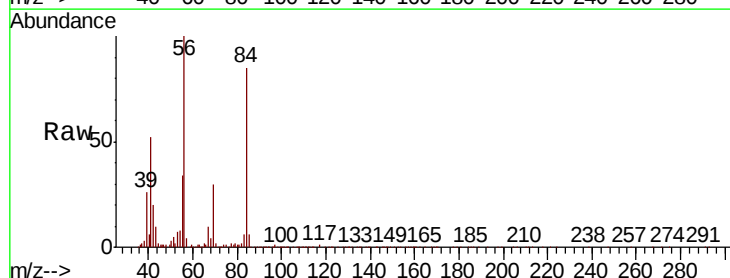
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

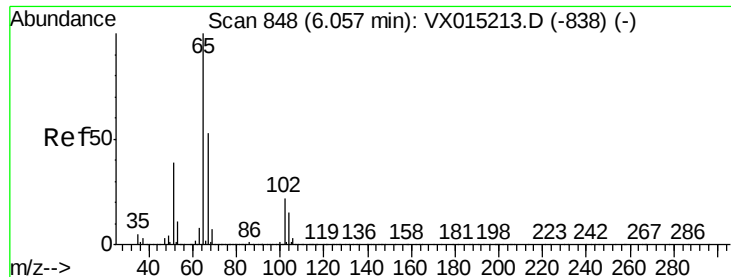
Tot Ion: 83 Resp: 104754
Ion Ratio Lower Upper
83 100
85 63.4 50.7 76.1



#26
Cyclohexane
Concen: 20.099 ug/l
RT: 5.58 min Scan# 769
Delta R.T. 0.00 min
Lab File: VX015213.D
Acq: 11 Mar 2020 20:41

Tgt Ion: 56 Resp: 98184
Ion Ratio Lower Upper
56 100
89 0.1 0.1 0.1#
84 84.1 67.3 100.9





#27

1,2-Dichloroethane-d4

Concen: 29.210 ug/l

RT: 6.06 min Scan# 848

Delta R.T. 0.00 min

Lab File: VX015213.D

Acq: 11 Mar 2020 20:41

Instrument :

MSVOA_X

ClientSampleId :

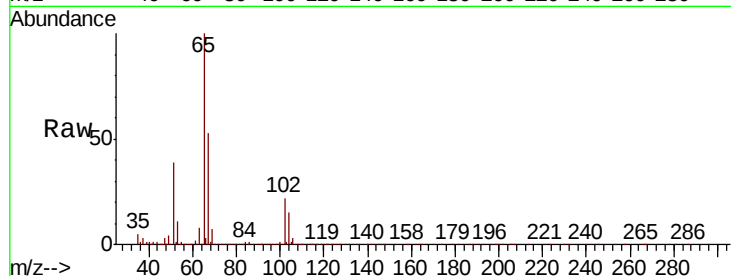
VSTDICCC020

Tot Ion: 65 Resp: 105596

Ion Ratio Lower Upper

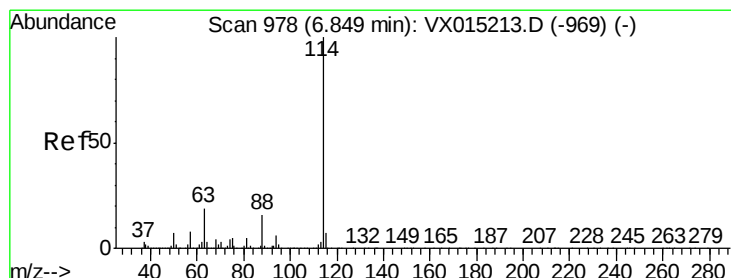
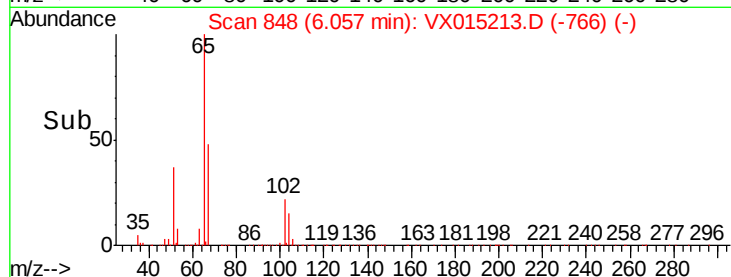
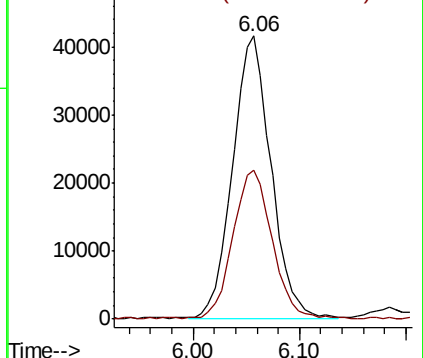
65 100

67 52.8 42.2 63.4



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: VX015213.D

Acq: 11 Mar 2020 20:41

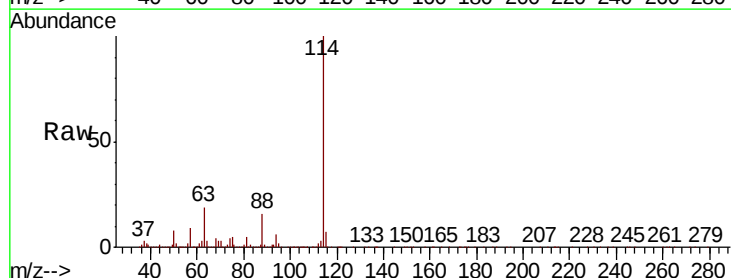
Tgt Ion: 114 Resp: 277843

Ion Ratio Lower Upper

114 100

63 19.7 15.8 23.6

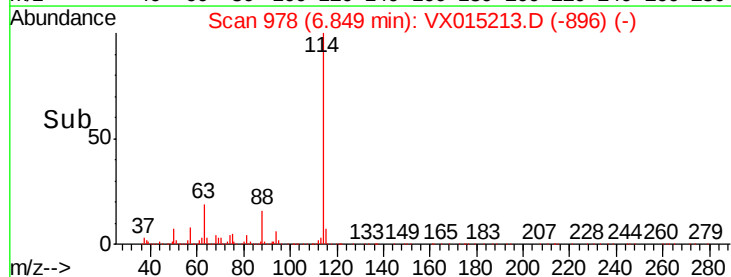
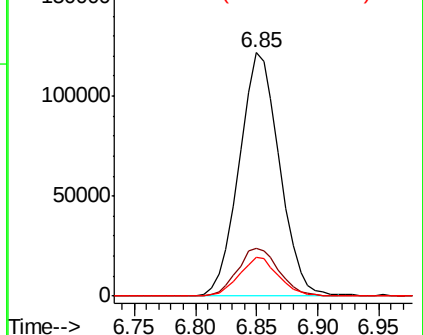
88 15.4 12.4 18.6

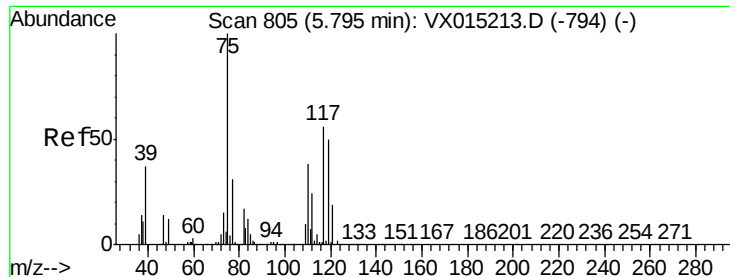


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0





#29

1,1-Dichloropropene

Concen: 19.801 ug/l

RT: 5.79 min Scan# 805

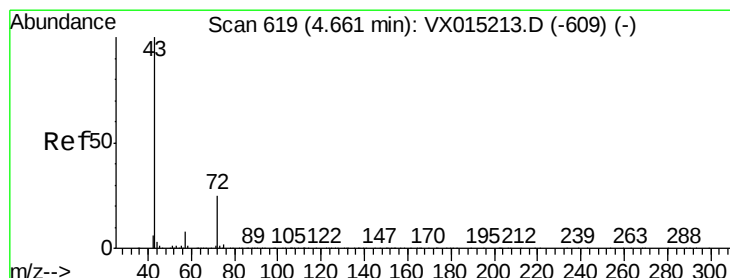
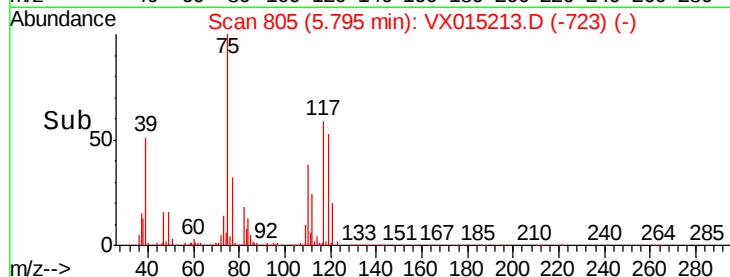
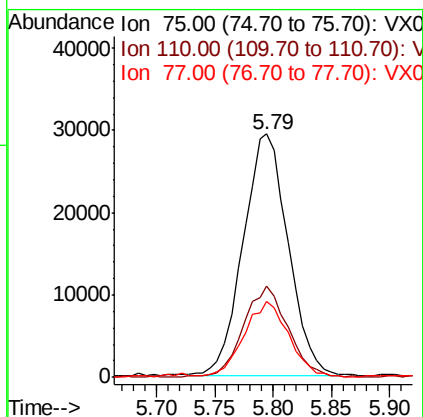
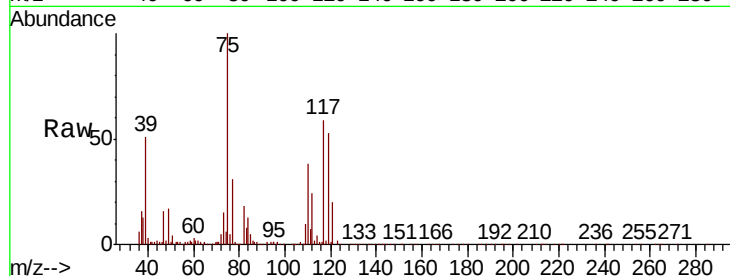
Delta R.T. 0.00 min

Lab File: VX015213.D

Acq: 11 Mar 2020 20:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tot Ion:	75	Resp:	79168
Ion	Ratio	Lower	Upper
75	100		
110	37.1	0.0	74.2
77	30.8	0.0	61.6



#30

2-Butanone

Concen: 97.987 ug/l

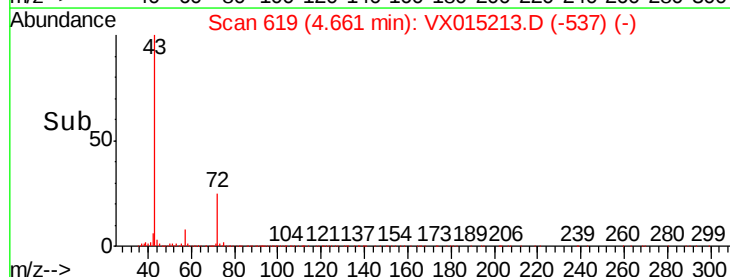
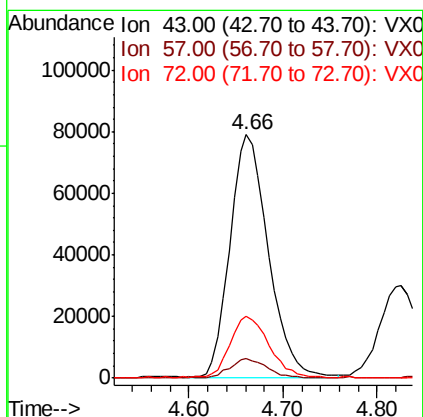
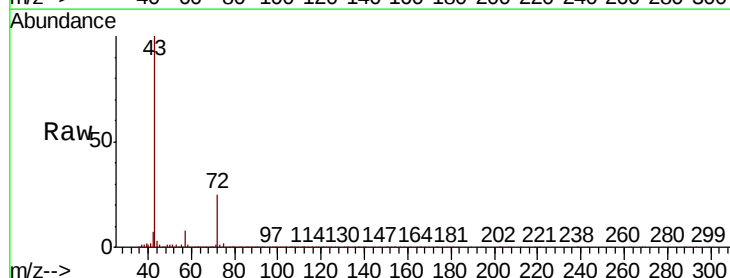
RT: 4.66 min Scan# 619

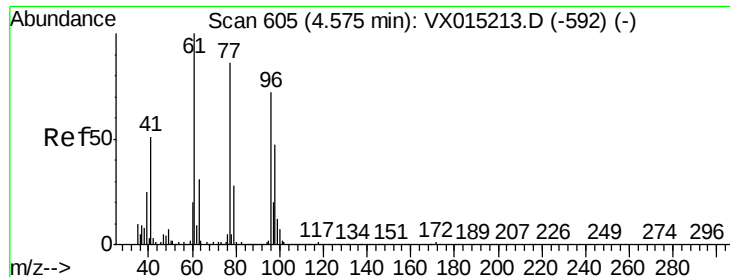
Delta R.T. 0.00 min

Lab File: VX015213.D

Acq: 11 Mar 2020 20:41

Tgt Ion:	43	Resp:	222876
Ion	Ratio	Lower	Upper
43	100		
57	7.5	6.0	9.0
72	25.3	20.2	30.4





#31

2,2-Dichloropropane

Concen: 16.593 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.00 min

Lab File: VX015213.D

Acq: 11 Mar 2020 20:41

Instrument :

MSVOA_X

ClientSampleId :

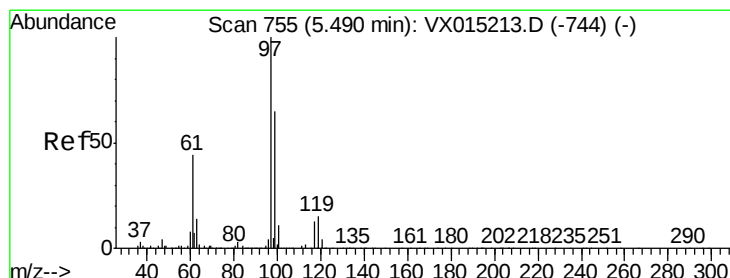
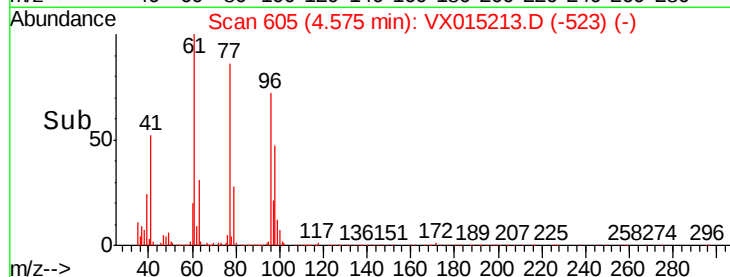
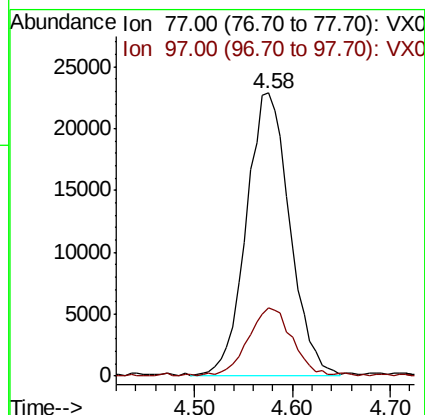
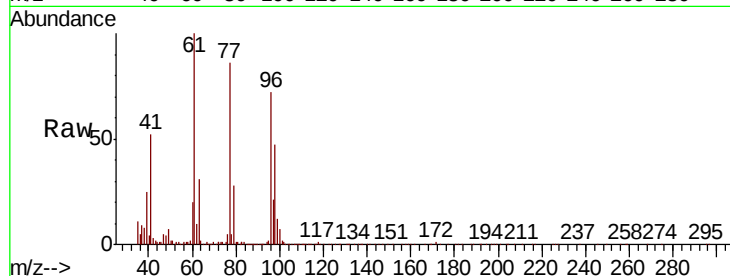
VSTDICCC020

Tot Ion: 77 Resp: 70042

Ion Ratio Lower Upper

77 100

97 24.3 19.4 29.2



#32

1,1,1-Trichloroethane

Concen: 19.035 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX015213.D

Acq: 11 Mar 2020 20:41

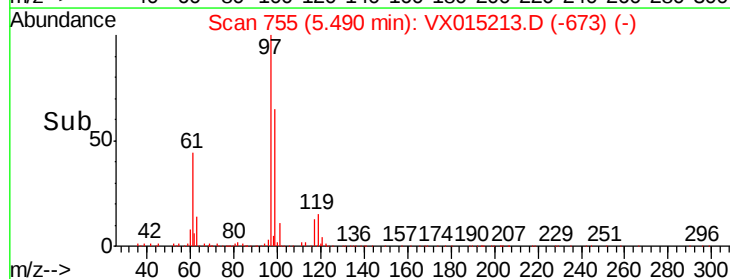
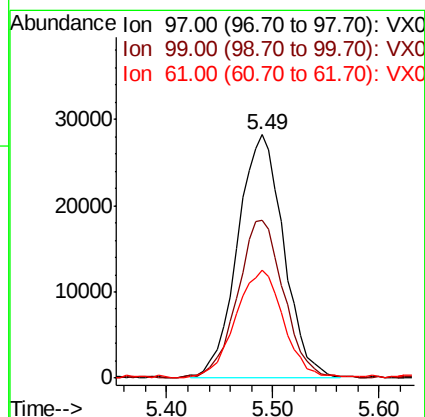
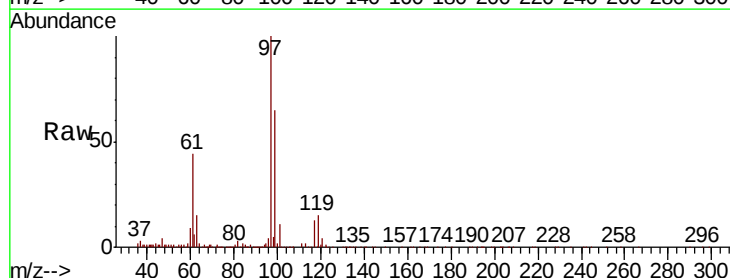
Tgt Ion: 97 Resp: 85689

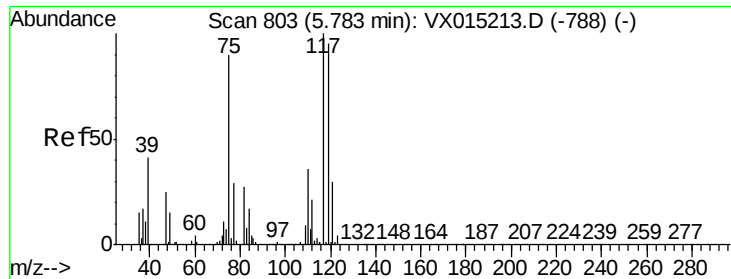
Ion Ratio Lower Upper

97 100

99 64.7 51.8 77.6

61 45.1 36.1 54.1

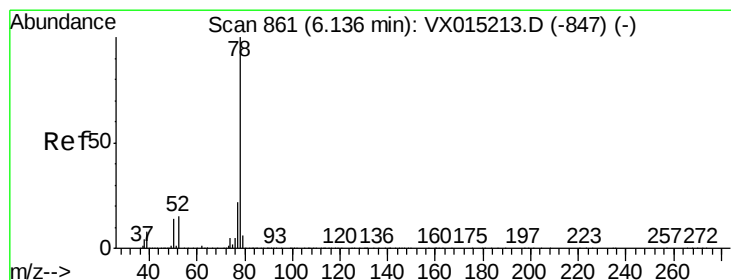
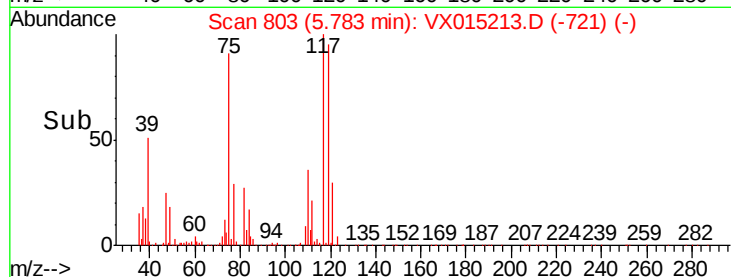
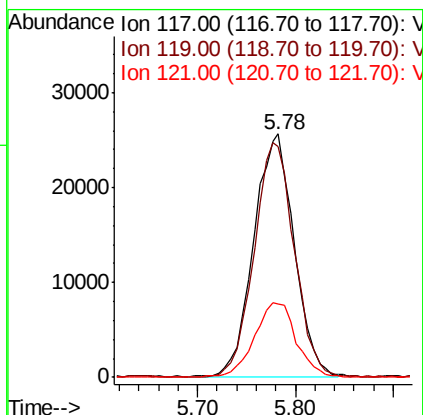
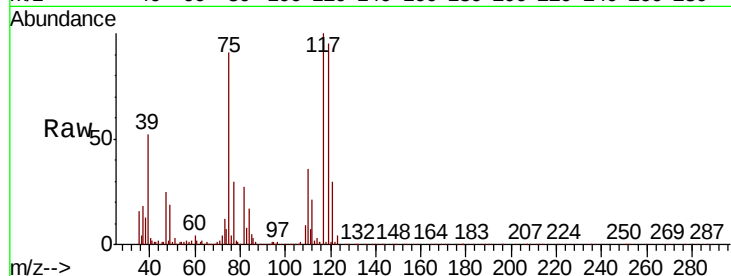




#33
Carbon Tetrachloride
Concen: 18.869 ug/l
RT: 5.78 min Scan# 803
Delta R.T. 0.00 min
Lab File: VX015213.D
Acq: 11 Mar 2020 20:41

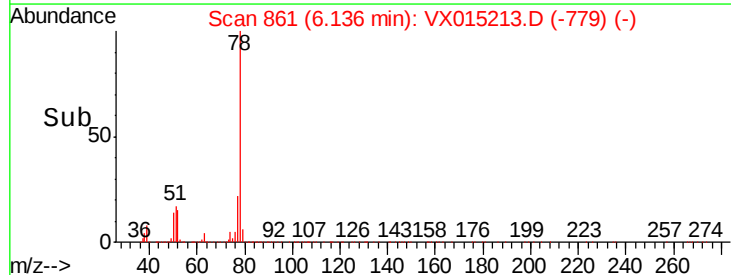
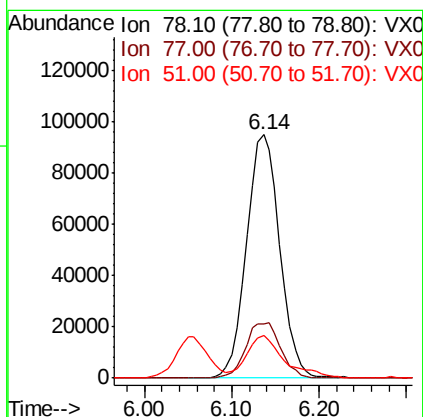
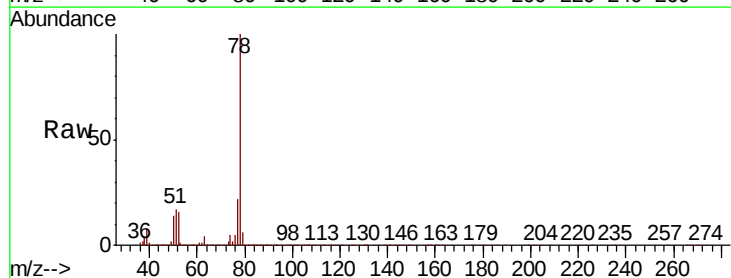
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

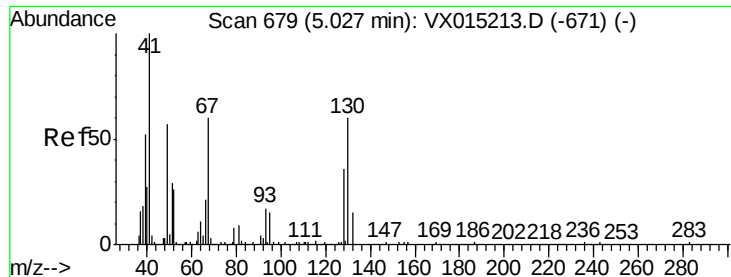
Tot Ion:117 Resp: 74186
Ion Ratio Lower Upper
117 100
119 95.2 76.2 114.2
121 30.3 24.2 36.4



#34
Benzene
Concen: 20.556 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.00 min
Lab File: VX015213.D
Acq: 11 Mar 2020 20:41

Tgt Ion: 78 Resp: 249569
Ion Ratio Lower Upper
78 100
77 22.4 17.9 26.9
51 16.7 13.4 20.0

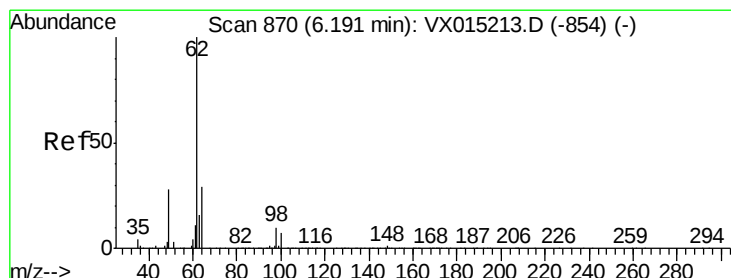
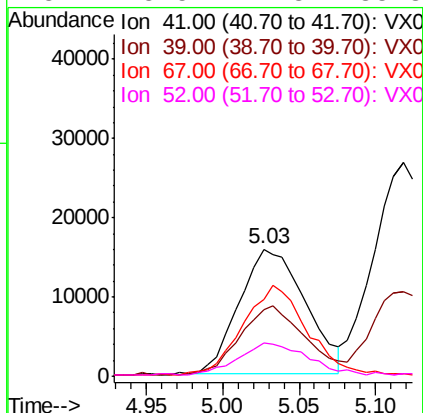
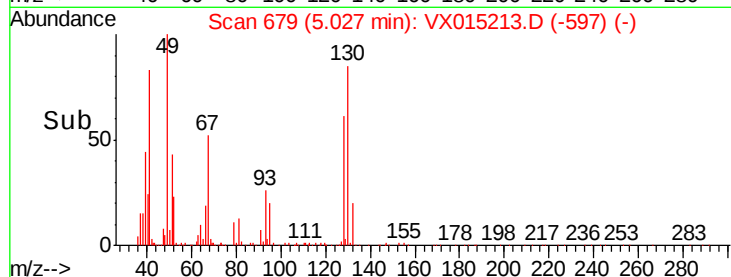
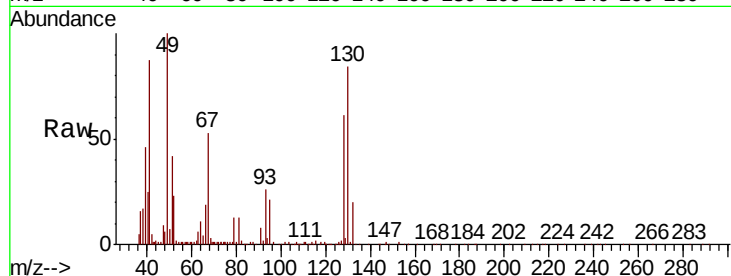




#35
Methacrylonitrile
Concen: 19.919 ug/l
RT: 5.03 min Scan# 679
Delta R.T. 0.00 min
Lab File: VX015213.D
Acq: 11 Mar 2020 20:41

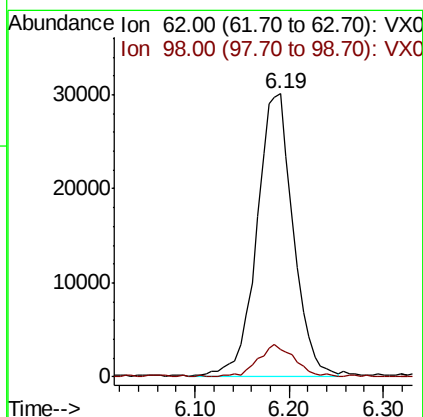
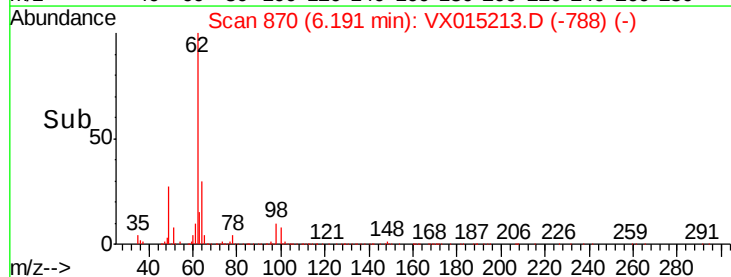
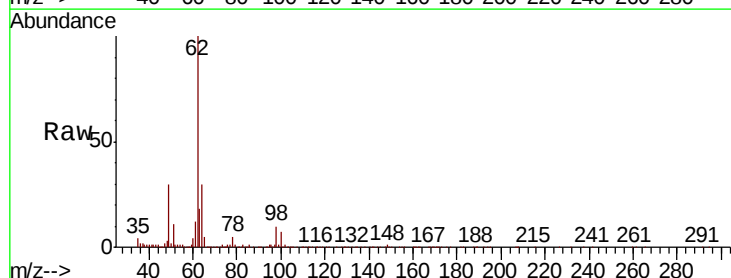
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

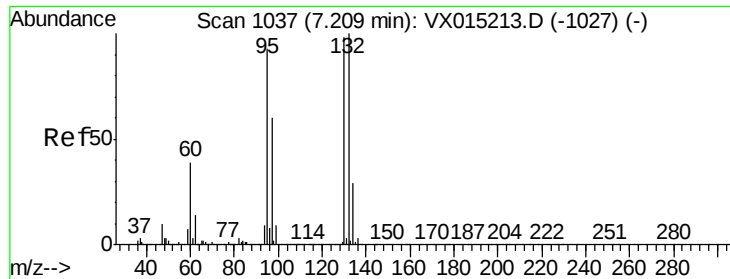
Tot Ion:	41	Resp:	47225
Ion	Ratio	Lower	Upper
41	100		
39	51.7	25.9	77.6
67	58.8	29.4	88.2
52	25.5	12.8	38.3



#36
1,2-Dichloroethane
Concen: 19.167 ug/l
RT: 6.19 min Scan# 870
Delta R.T. 0.00 min
Lab File: VX015213.D
Acq: 11 Mar 2020 20:41

Tgt Ion:	62	Resp:	80960
Ion	Ratio	Lower	Upper
62	100		
98	10.8	8.6	13.0

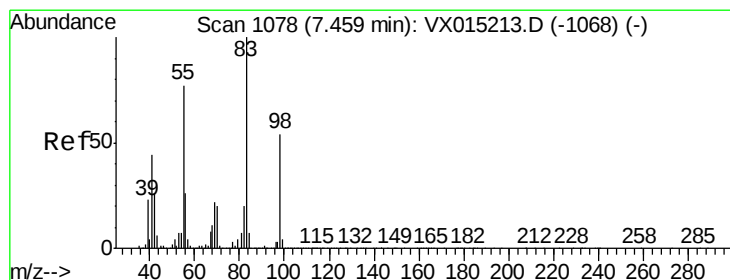
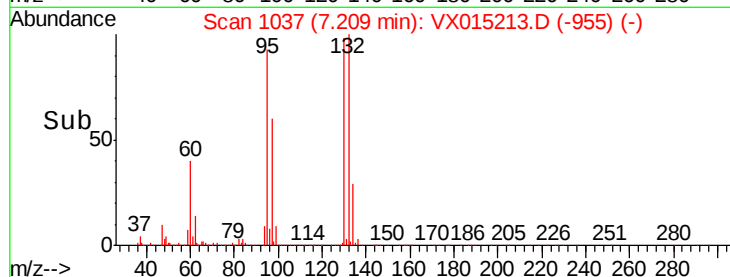
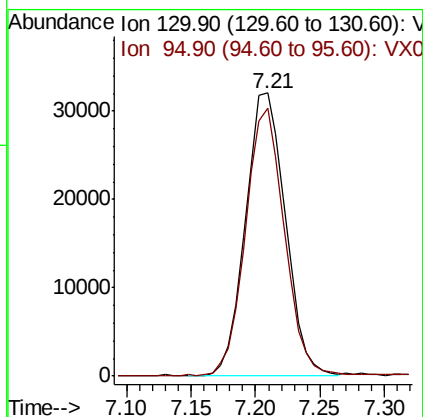
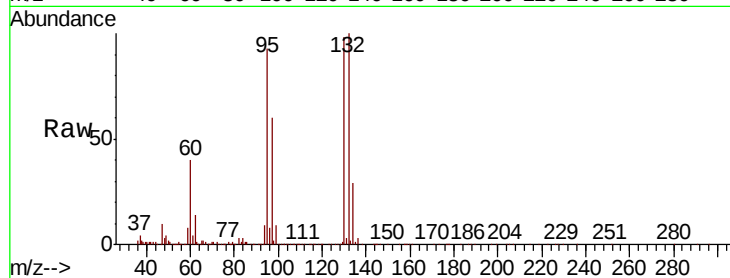




#37
 Trichloroethene
 Concen: 20.162 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. 0.00 min
 Lab File: VX015213.D
 Acq: 11 Mar 2020 20:41

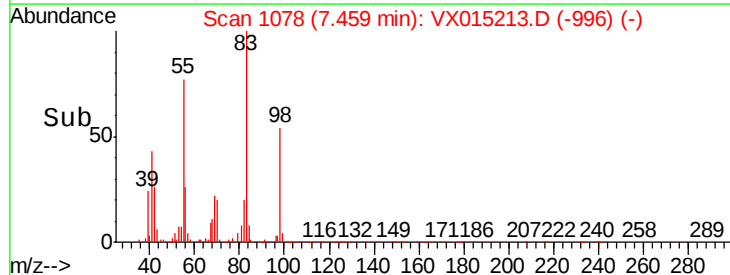
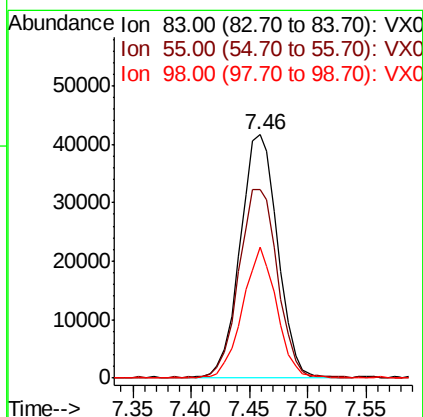
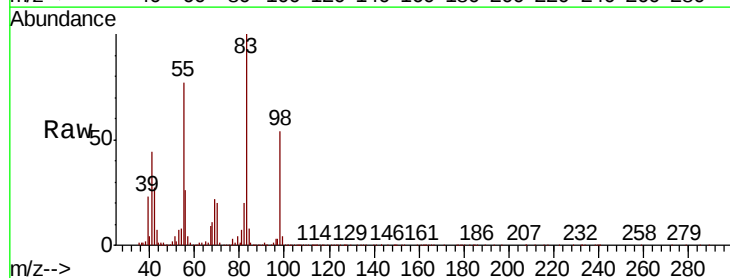
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

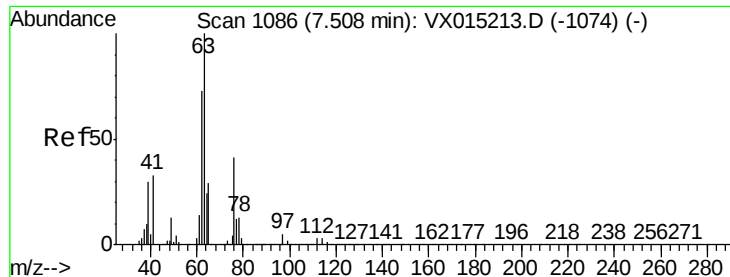
Tot Ion:130 Resp: 68804
 Ion Ratio Lower Upper
 130 100
 95 94.3 75.4 113.2



#38
 Methylcyclohexane
 Concen: 18.887 ug/l
 RT: 7.46 min Scan# 1078
 Delta R.T. 0.00 min
 Lab File: VX015213.D
 Acq: 11 Mar 2020 20:41

Tgt Ion: 83 Resp: 92785
 Ion Ratio Lower Upper
 83 100
 55 79.7 39.9 119.6
 98 49.5 24.8 74.3

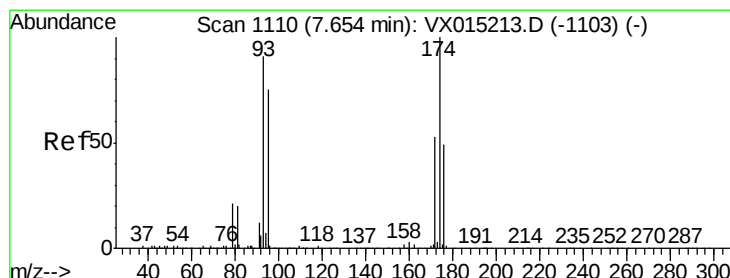
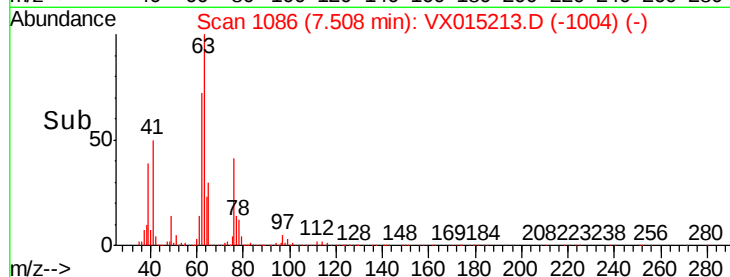
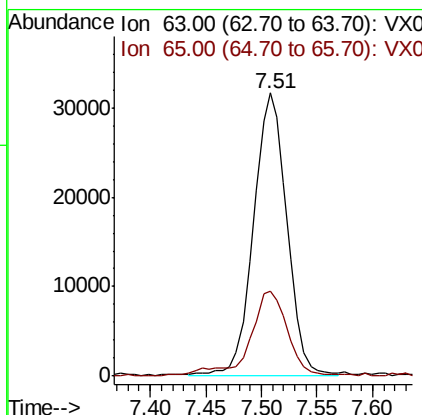
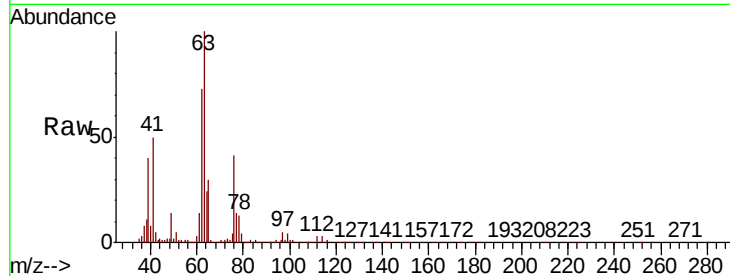




#39
 1,2-Dichloropropane
 Concen: 20.787 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX015213.D
 Acq: 11 Mar 2020 20:41

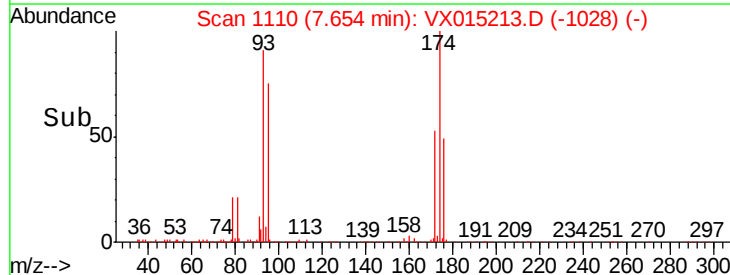
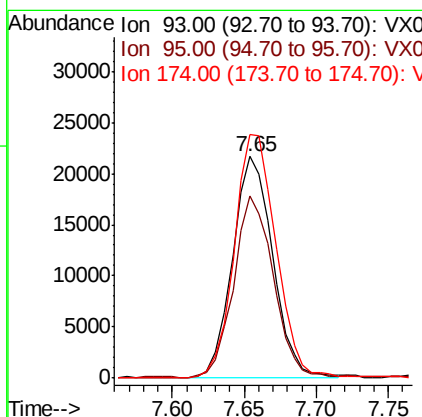
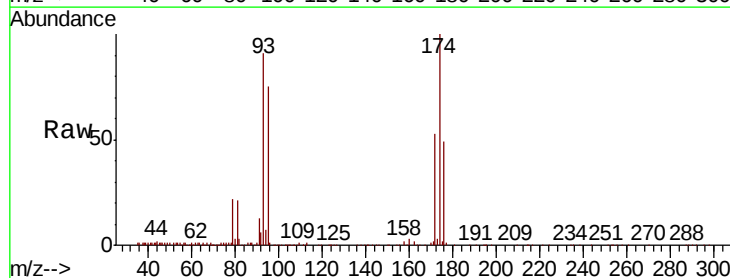
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

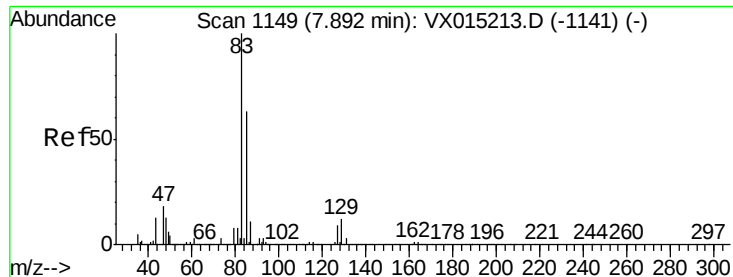
Tot Ion: 63 Resp: 65338
 Ion Ratio Lower Upper
 63 100
 65 29.8 23.8 35.8



#40
 Dibromomethane
 Concen: 20.362 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX015213.D
 Acq: 11 Mar 2020 20:41

Tgt Ion: 93 Resp: 42281
 Ion Ratio Lower Upper
 93 100
 95 79.8 0.0 159.6
 174 112.6 0.0 225.2





#41

Bromodichloromethane

Concen: 19.059 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX015213.D

Acq: 11 Mar 2020 20:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

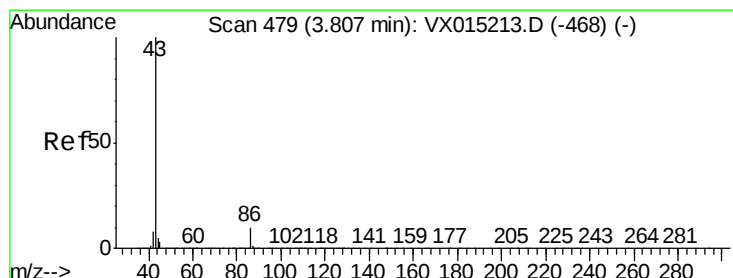
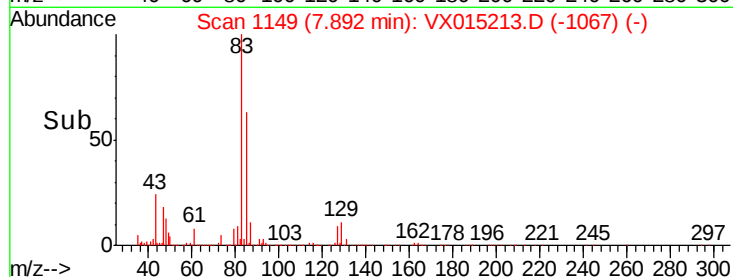
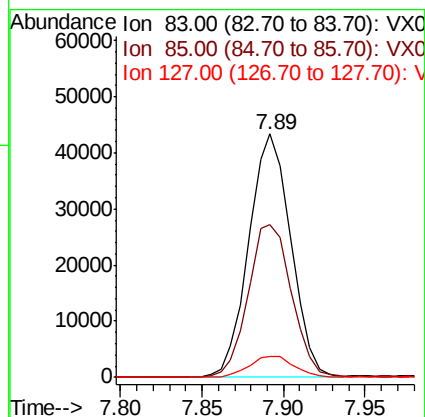
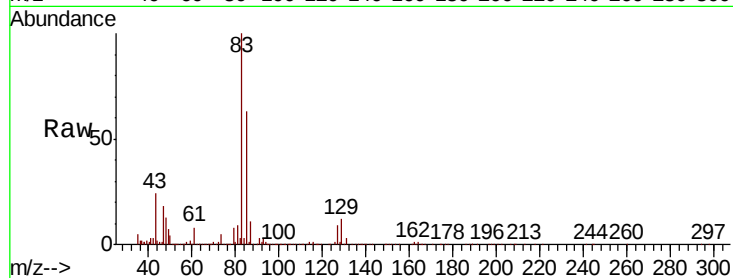
Tot Ion: 83 Resp: 77447

Ion Ratio Lower Upper

83 100

85 62.5 50.0 75.0

127 8.9 7.1 10.7



#42

Vinyl Acetate

Concen: 104.211 ug/l

RT: 3.81 min Scan# 479

Delta R.T. 0.00 min

Lab File: VX015213.D

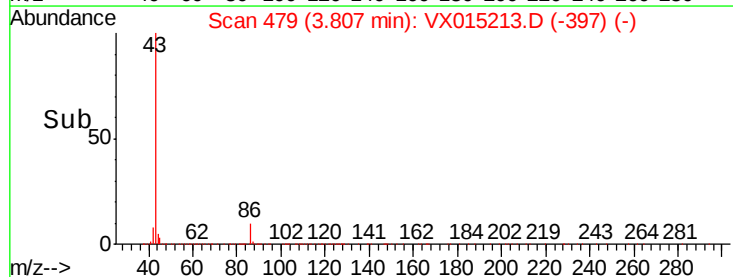
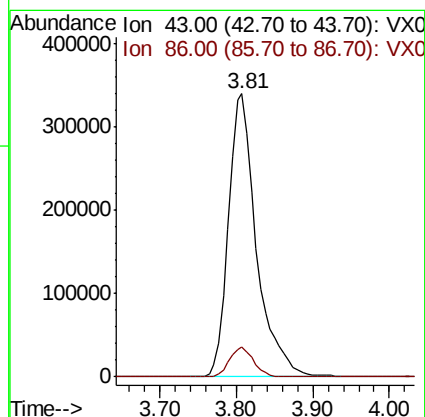
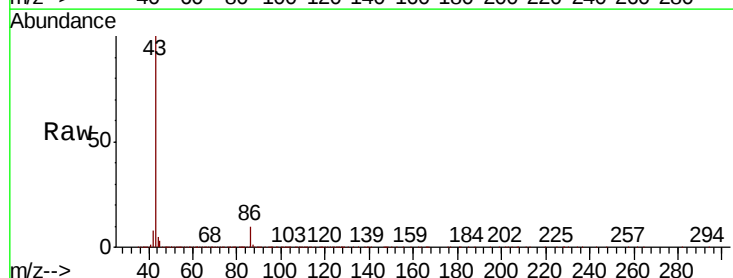
Acq: 11 Mar 2020 20:41

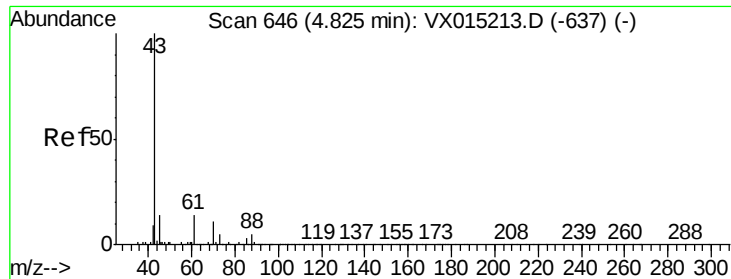
Tgt Ion: 43 Resp: 855398

Ion Ratio Lower Upper

43 100

86 9.2 7.4 11.0

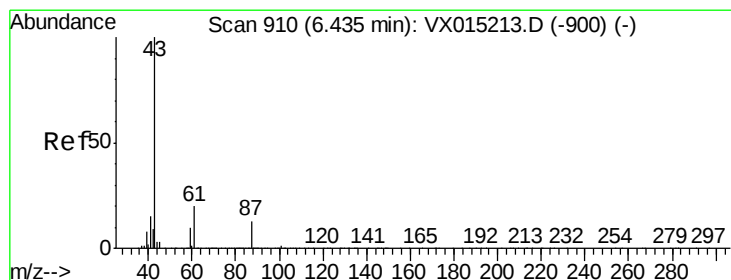
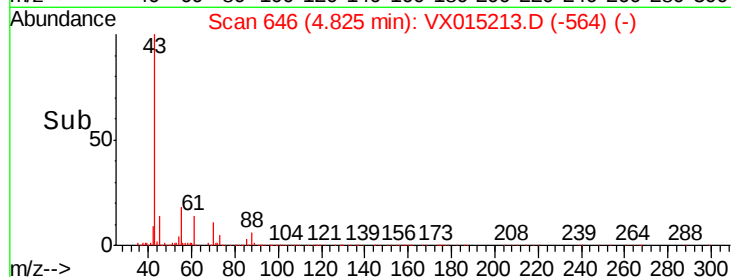
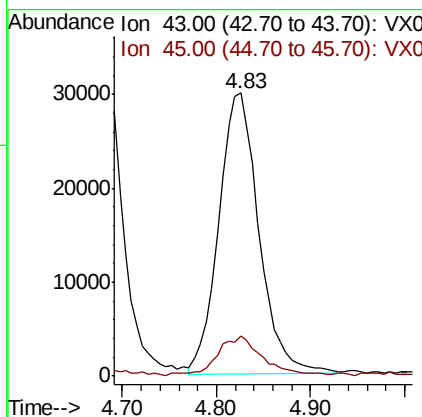
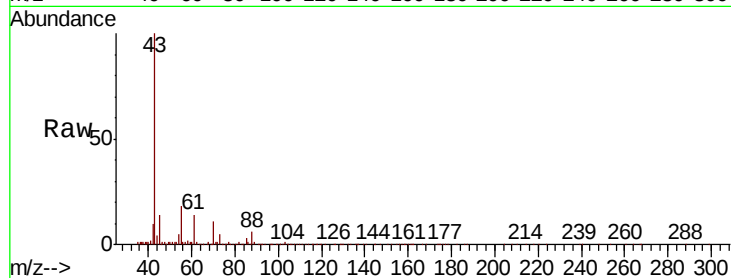




#43
Ethyl Acetate
Concen: 20.891 ug/l
RT: 4.83 min Scan# 646
Delta R.T. 0.00 min
Lab File: VX015213.D
Acq: 11 Mar 2020 20:41

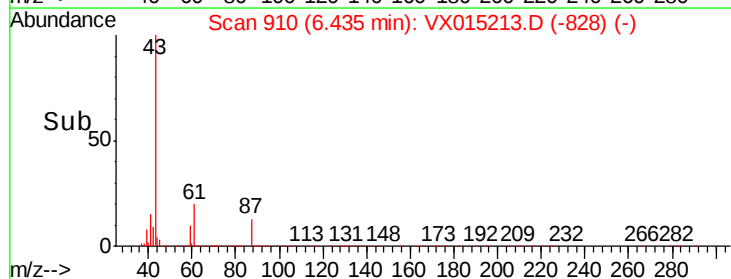
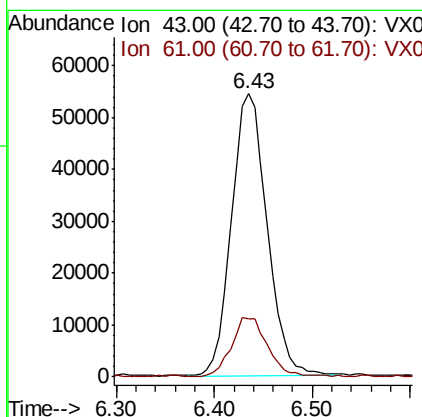
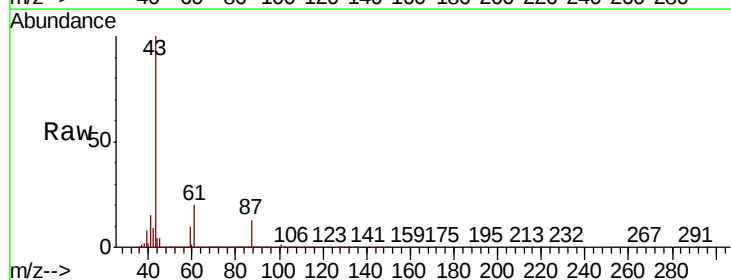
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

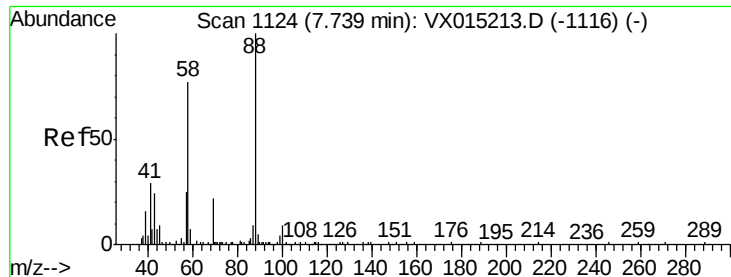
Tot Ion: 43 Resp: 88548
Ion Ratio Lower Upper
43 100
45 5.9 0.1 0.1#



#44
Isopropyl Acetate
Concen: 19.611 ug/l
RT: 6.43 min Scan# 910
Delta R.T. 0.00 min
Lab File: VX015213.D
Acq: 11 Mar 2020 20:41

Tgt Ion: 43 Resp: 137573
Ion Ratio Lower Upper
43 100
61 20.9 16.7 25.1

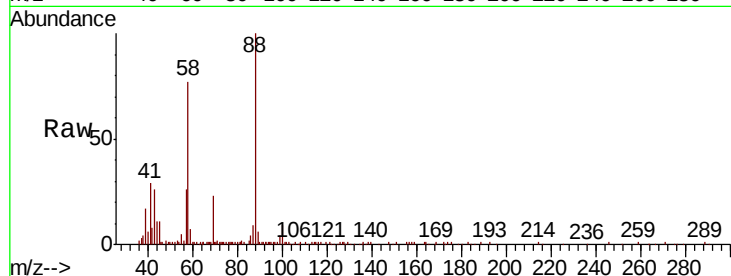




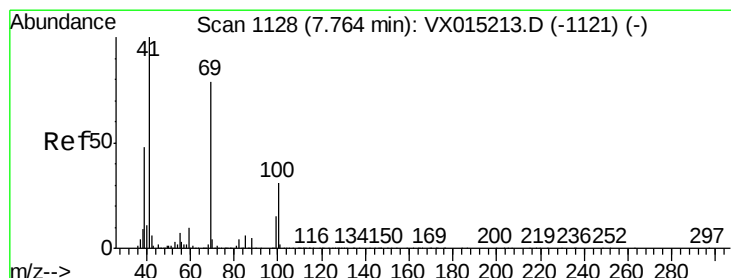
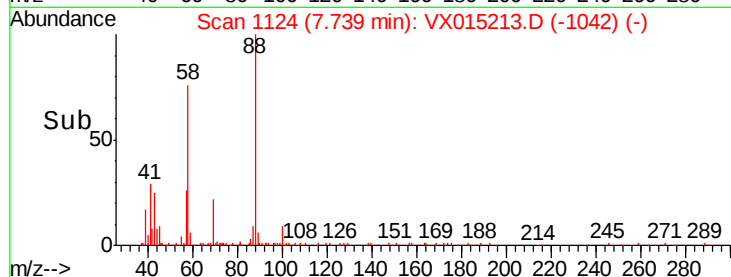
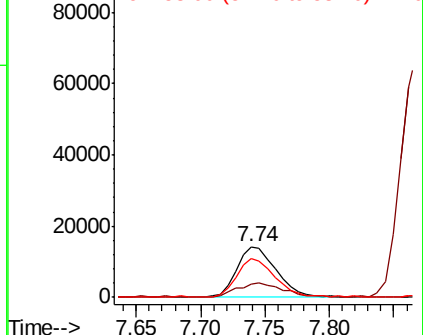
#45
1,4-Dioxane
Concen: 447.951 ug/l
RT: 7.74 min Scan# 1124
Delta R.T. 0.00 min
Lab File: VX015213.D
Acq: 11 Mar 2020 20:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tot Ion: 88 Resp: 29920
Ion Ratio Lower Upper
88 100
43 31.0 24.8 37.2
58 73.9 59.7 89.5

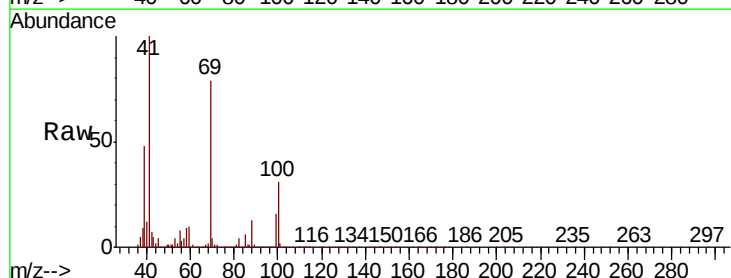


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

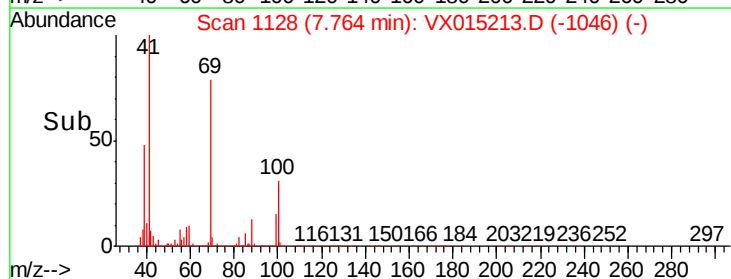
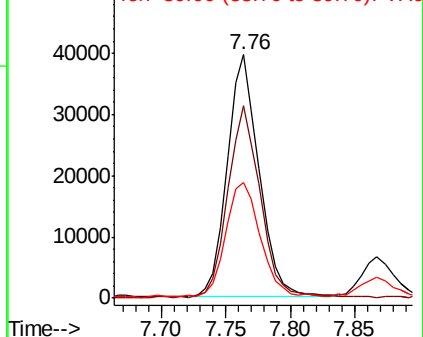


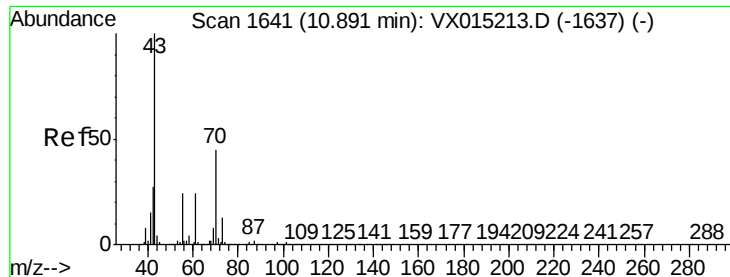
#46
Methyl methacrylate
Concen: 19.540 ug/l
RT: 7.76 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX015213.D
Acq: 11 Mar 2020 20:41

Tgt Ion: 41 Resp: 68002
Ion Ratio Lower Upper
41 100
69 79.1 39.6 118.7
39 47.1 23.5 70.6



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0

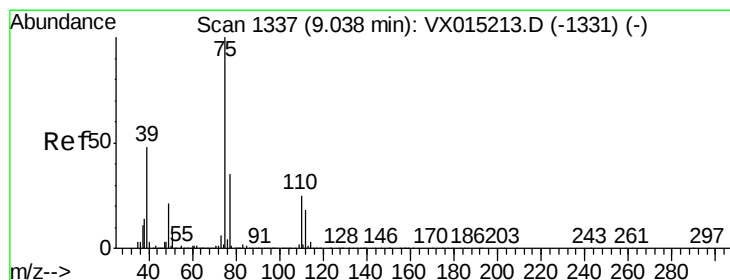
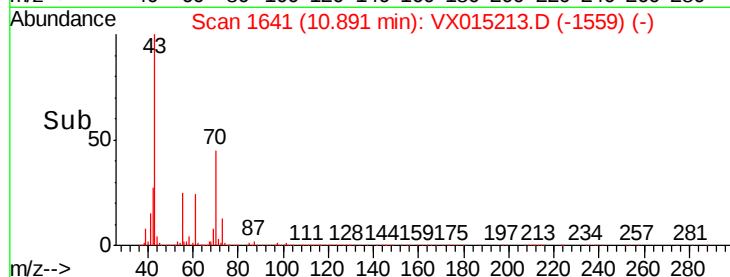
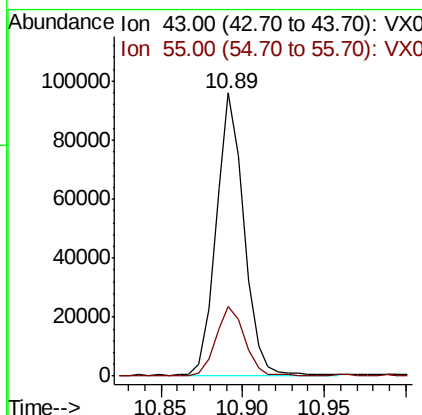
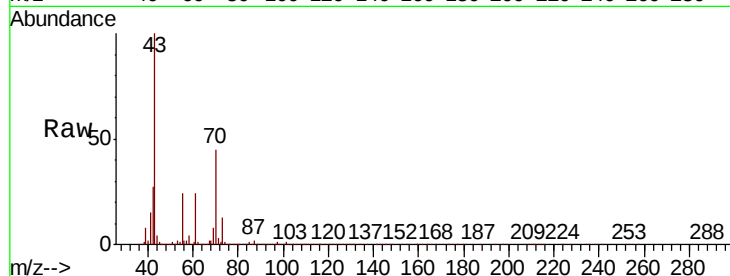




#47
n-amvl Acetate
Concen: 18.788 ug/l
RT: 10.89 min Scan# 1641
Delta R.T. 0.00 min
Lab File: VX015213.D
Acq: 11 Mar 2020 20:41

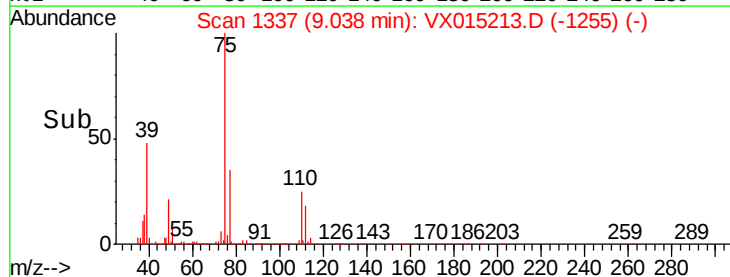
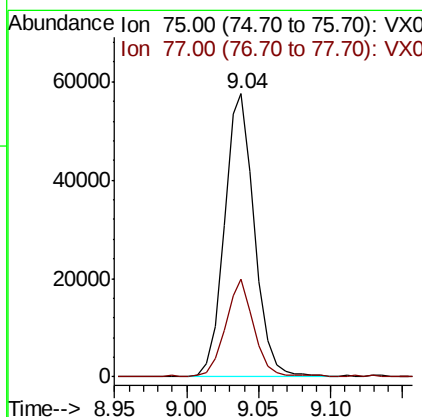
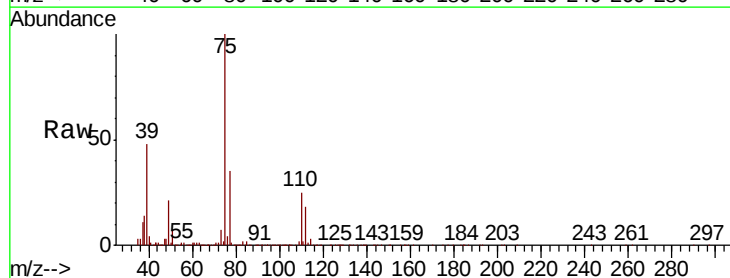
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

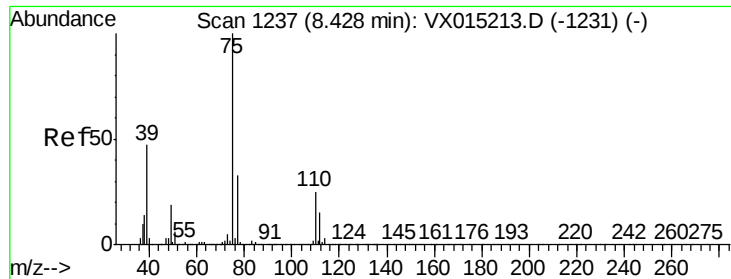
Tot Ion: 43 Resp: 113886
Ion Ratio Lower Upper
43 100
55 25.2 20.2 30.2



#48
t-1,3-Dichloropropene
Concen: 18.520 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VX015213.D
Acq: 11 Mar 2020 20:41

Tgt Ion: 75 Resp: 83369
Ion Ratio Lower Upper
75 100
77 34.6 27.7 41.5



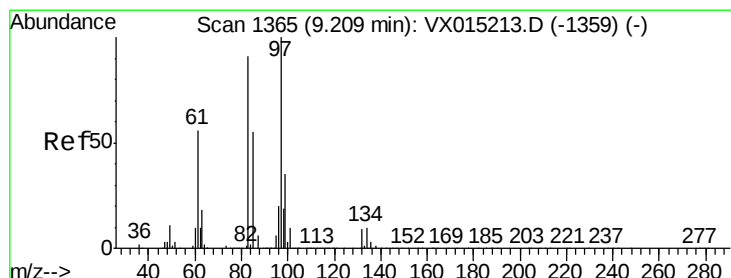
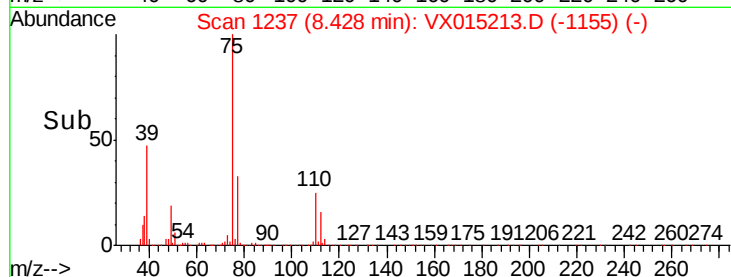
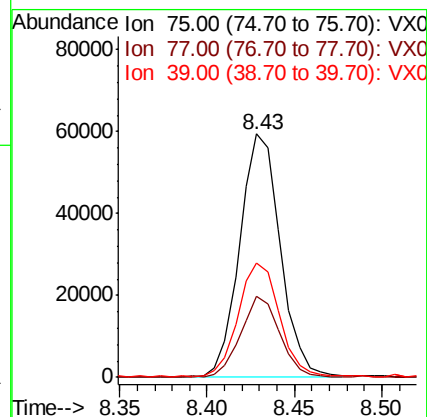
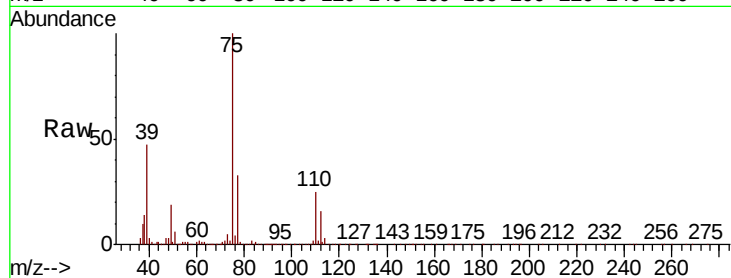


#49

cis-1,3-Dichloropropene
Concen: 19.299 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX015213.D
Acq: 11 Mar 2020 20:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

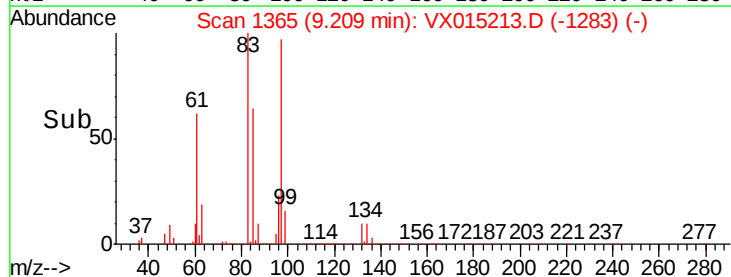
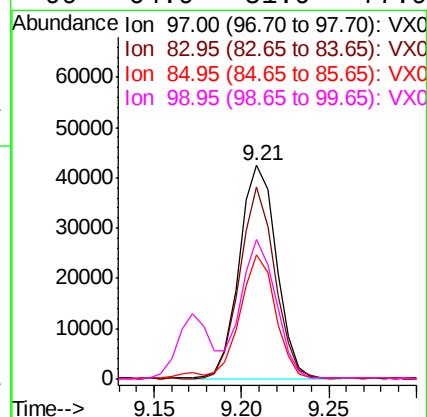
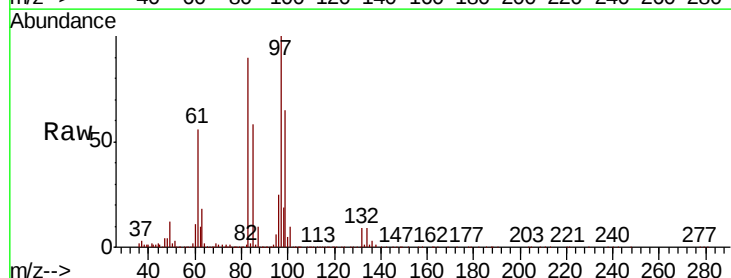
Tot Ion	Ratio	Lower	Upper
75	100		
77	33.1	26.5	39.7
39	46.8	37.4	56.2

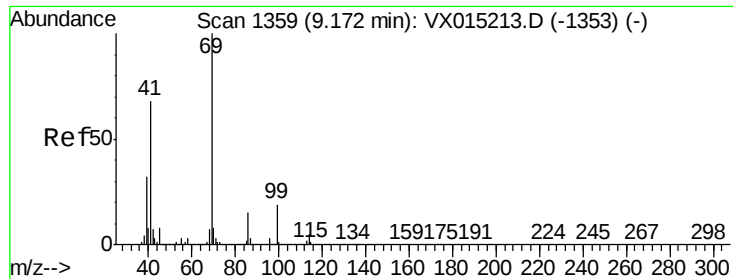


#50

1,1,2-Trichloroethane
Concen: 20.476 ug/l
RT: 9.21 min Scan# 1365
Delta R.T. 0.00 min
Lab File: VX015213.D
Acq: 11 Mar 2020 20:41

Tgt Ion	Ratio	Lower	Upper
97	100		
83	90.5	72.4	108.6
85	58.2	46.6	69.8
99	64.9	51.9	77.9





#51

Ethyl methacrylate

Concen: 19.289 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VX015213.D

Acq: 11 Mar 2020 20:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

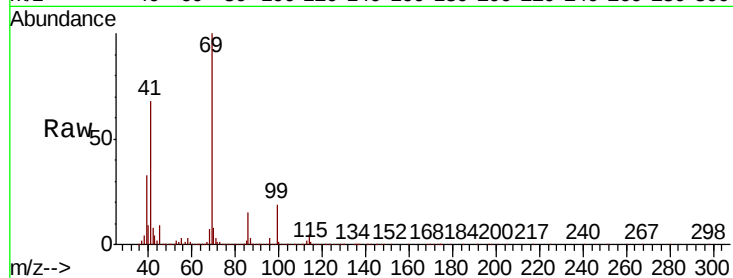
Tot Ion: 69 Resp: 91982

Ion Ratio Lower Upper

69 100

41 67.5 33.8 101.3

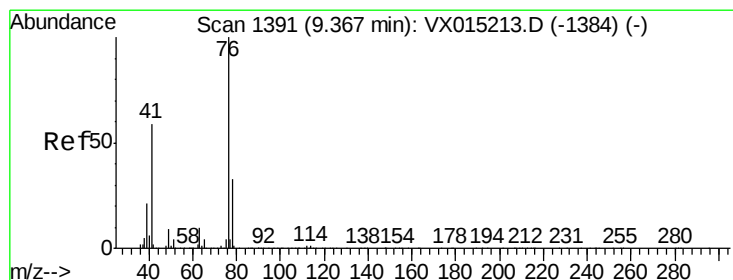
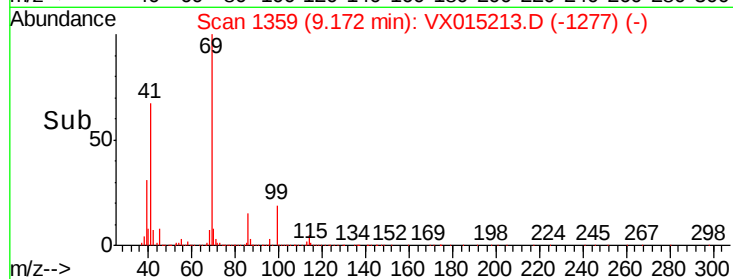
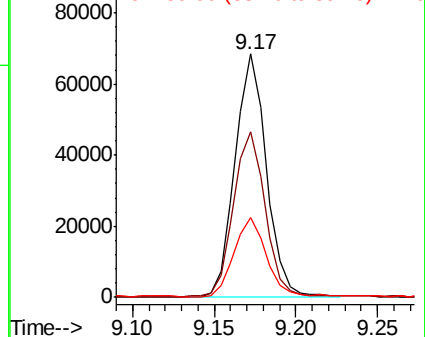
39 32.1 16.1 48.2



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: 20.254 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX015213.D

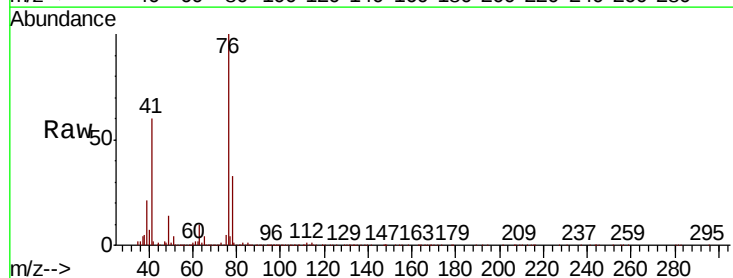
Acq: 11 Mar 2020 20:41

Tgt Ion: 76 Resp: 105999

Ion Ratio Lower Upper

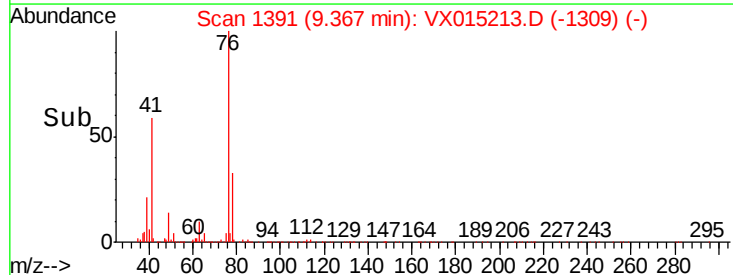
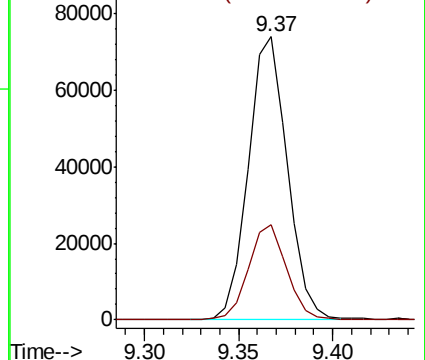
76 100

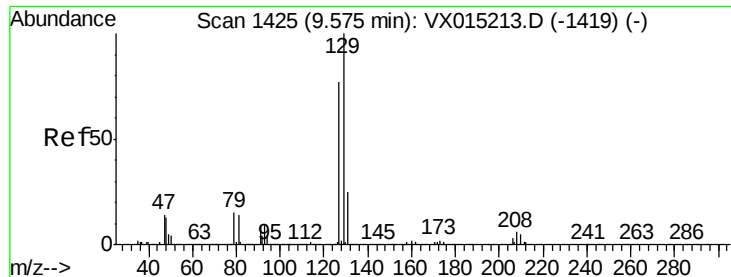
78 32.5 0.0 65.0



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





#53

Dibromochloromethane

Concen: 18.946 ug/l

RT: 9.57 min Scan# 1425

Delta R.T. 0.00 min

Lab File: VX015213.D

Acq: 11 Mar 2020 20:41

Instrument :

MSVOA_X

ClientSampleId :

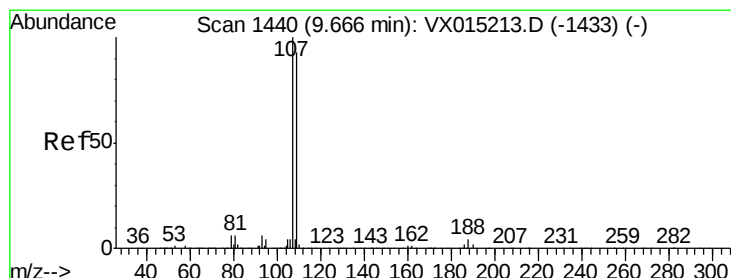
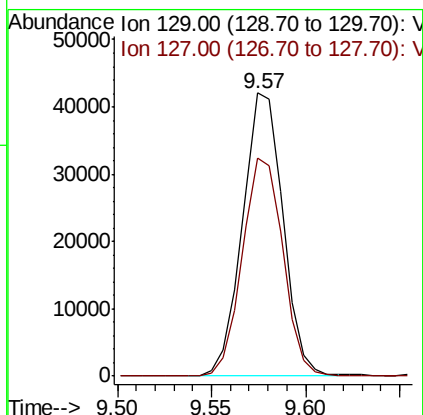
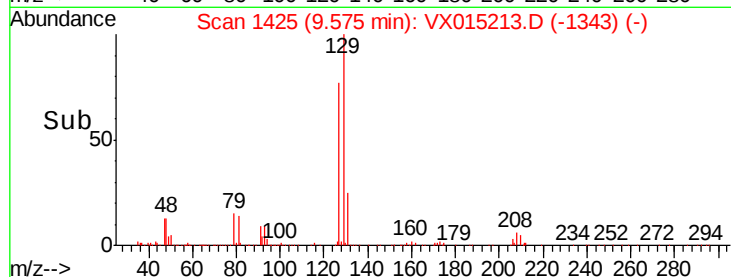
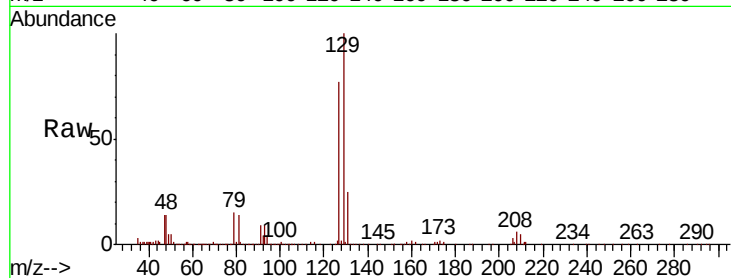
VSTDICCC020

Tot Ion:129 Resp: 62734

Ion Ratio Lower Upper

129 100

127 77.2 38.6 115.8



#54

1,2-Dibromoethane

Concen: 19.726 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX015213.D

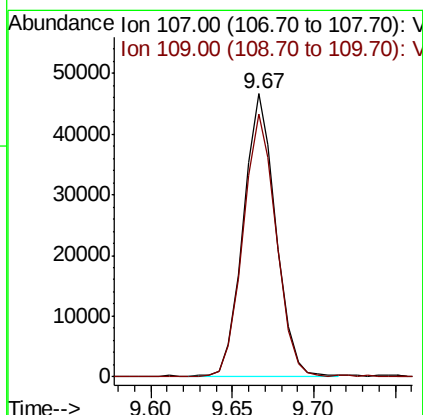
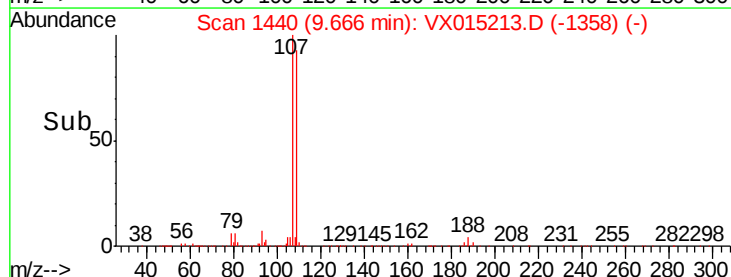
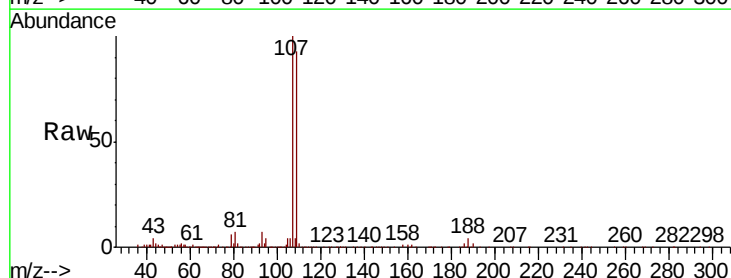
Acq: 11 Mar 2020 20:41

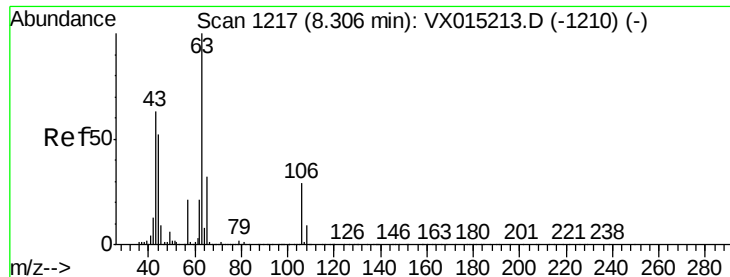
Tgt Ion:107 Resp: 64618

Ion Ratio Lower Upper

107 100

109 94.3 75.4 113.2





#55

2-Chloroethyl vinyl ether

Concen: 97.729 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX015213.D

Acq: 11 Mar 2020 20:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

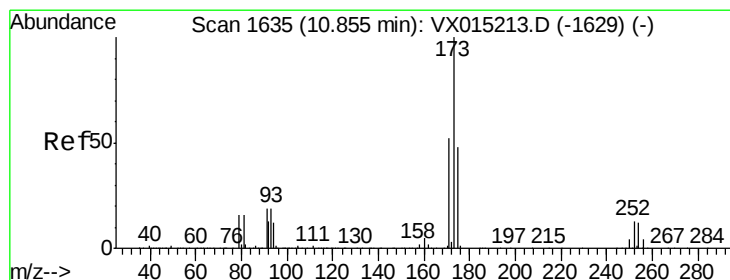
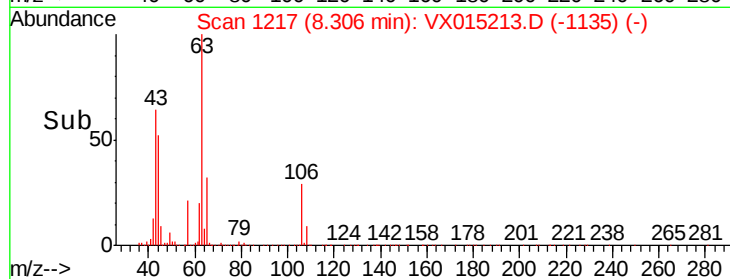
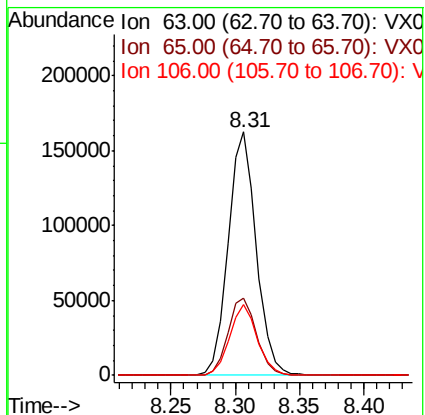
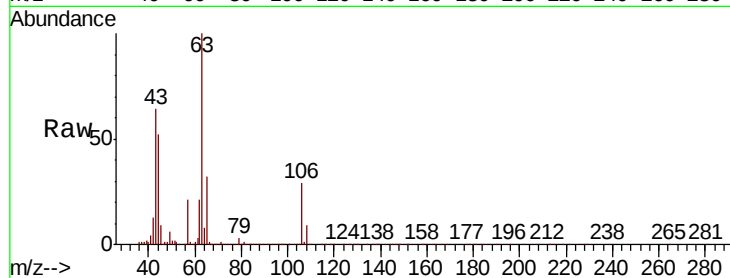
Tot Ion: 63 Resp: 246506

Ion Ratio Lower Upper

63 100

65 32.4 25.9 38.9

106 28.9 23.1 34.7



#56

Bromoform

Concen: 18.110 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX015213.D

Acq: 11 Mar 2020 20:41

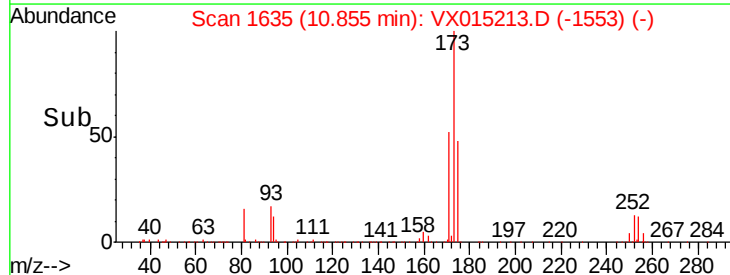
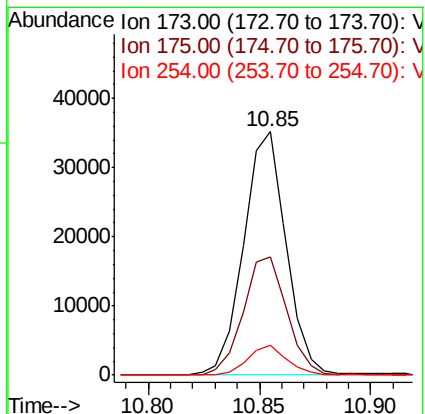
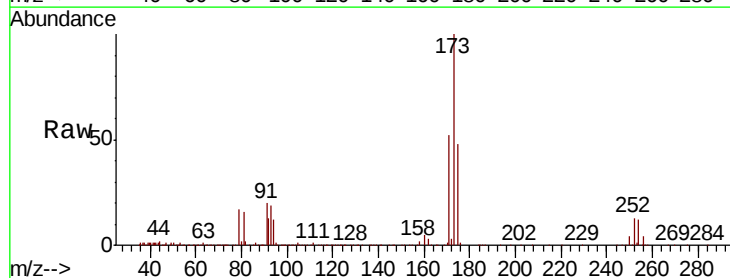
Tgt Ion: 173 Resp: 46712

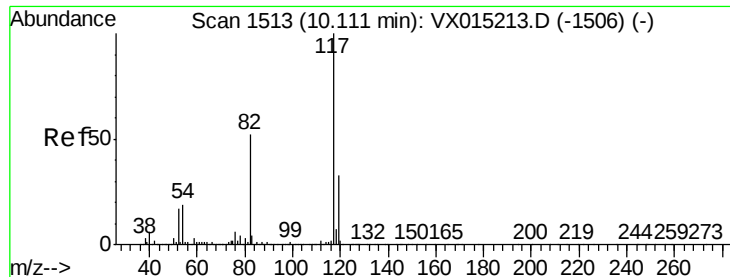
Ion Ratio Lower Upper

173 100

175 50.0 40.0 60.0

254 11.4 9.1 13.7

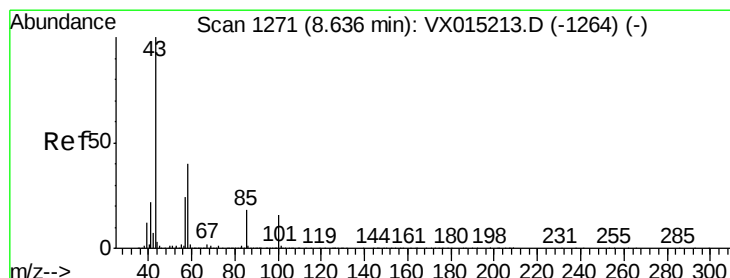
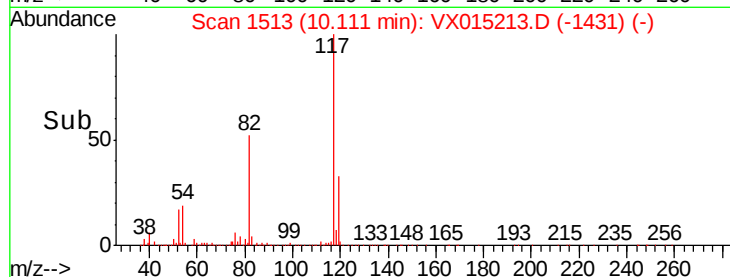
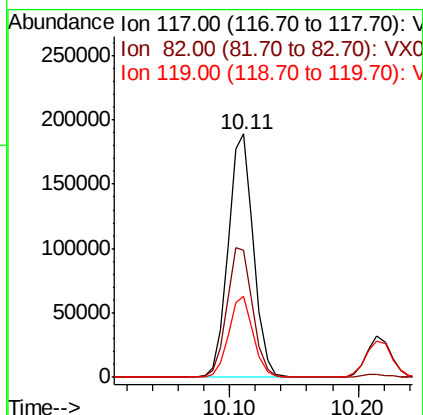
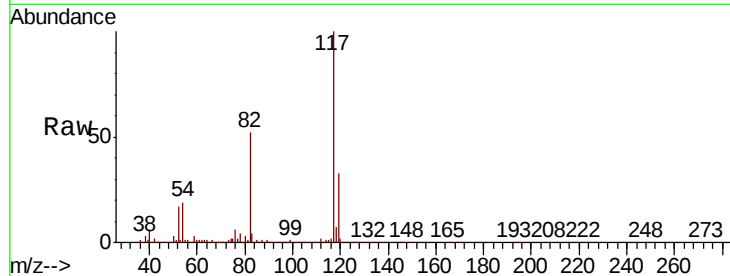




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX015213.D
Acq: 11 Mar 2020 20:41

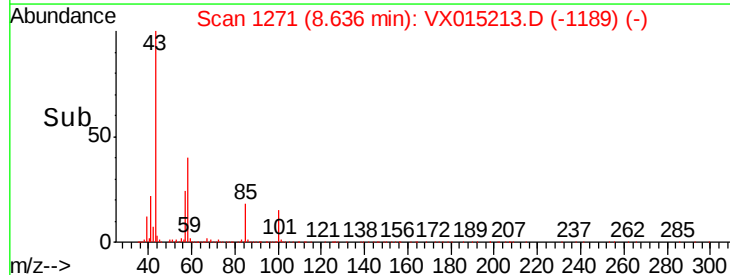
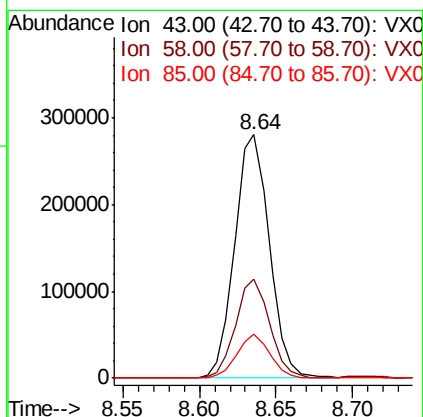
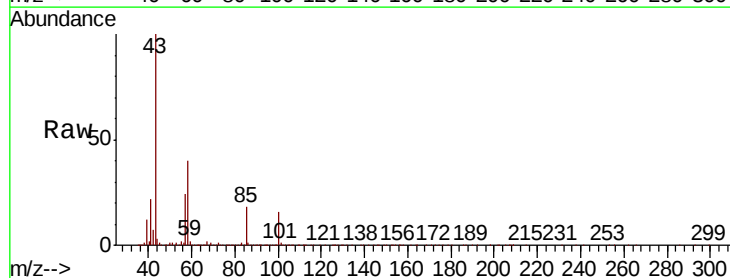
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

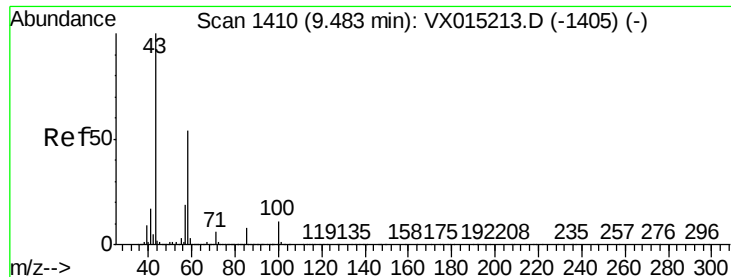
Tot Ion:117 Resp: 258966
Ion Ratio Lower Upper
117 100
82 54.5 43.6 65.4
119 32.4 25.9 38.9



#58
4-Methyl-2-Pentanone
Concen: 101.963 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VX015213.D
Acq: 11 Mar 2020 20:41

Tgt Ion: 43 Resp: 441368
Ion Ratio Lower Upper
43 100
58 39.8 31.8 47.8
85 17.2 13.8 20.6

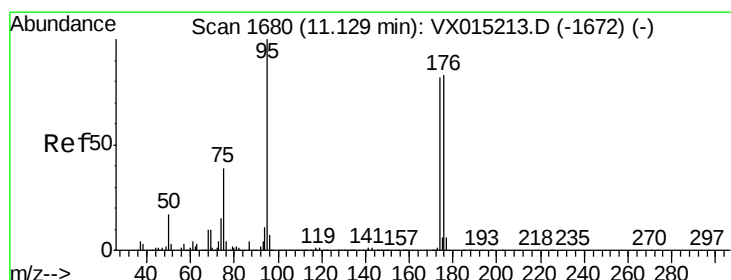
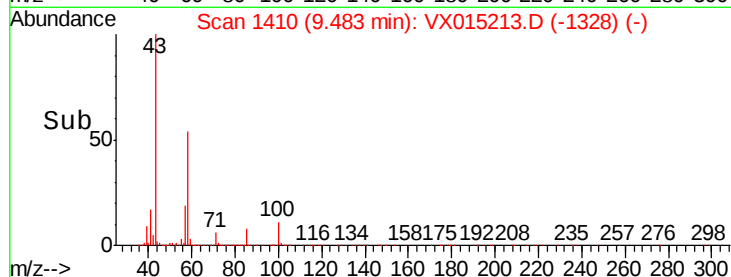
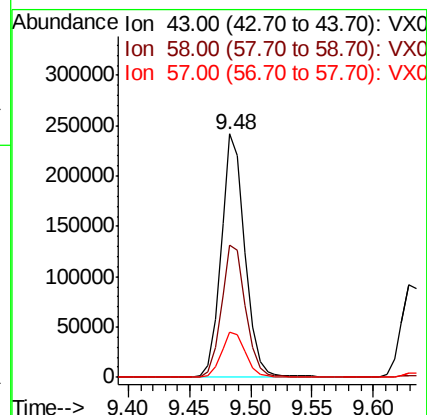
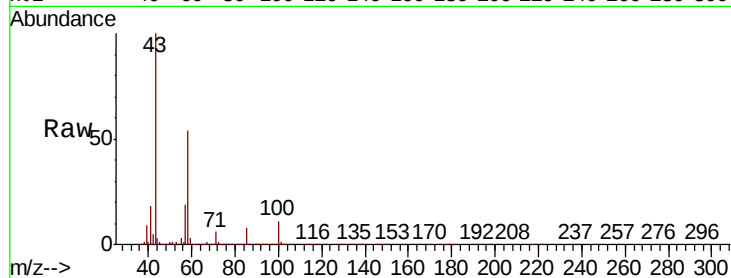




#59
2-Hexanone
Concen: 98.011 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX015213.D
Acq: 11 Mar 2020 20:41

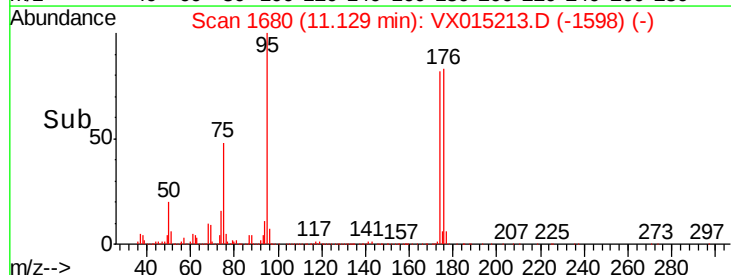
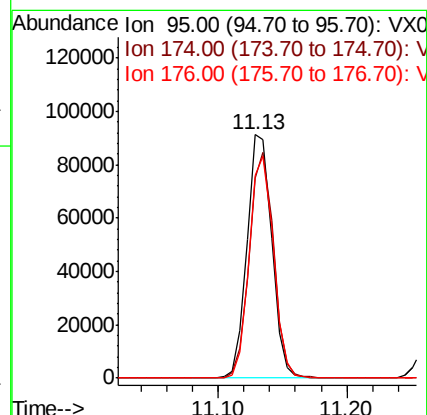
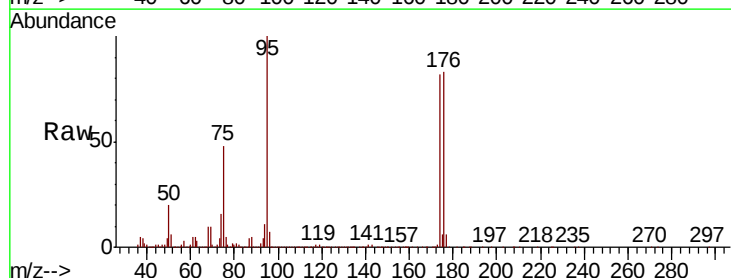
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

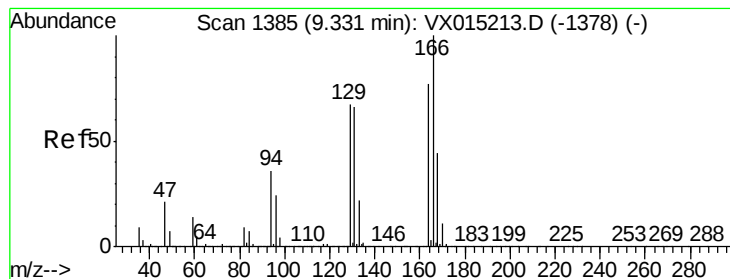
Tot Ion: 43 Resp: 326681
Ion Ratio Lower Upper
43 100
58 55.3 44.2 66.4
57 18.7 15.0 22.4



#60
4-Bromofluorobenzene
Concen: 29.969 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VX015213.D
Acq: 11 Mar 2020 20:41

Tgt Ion: 95 Resp: 120756
Ion Ratio Lower Upper
95 100
174 89.9 71.9 107.9
176 88.9 71.1 106.7





#61

Tetrachloroethene

Concen: 20.205 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VX015213.D

Acq: 11 Mar 2020 20:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tot Ion:164 Resp: 71162

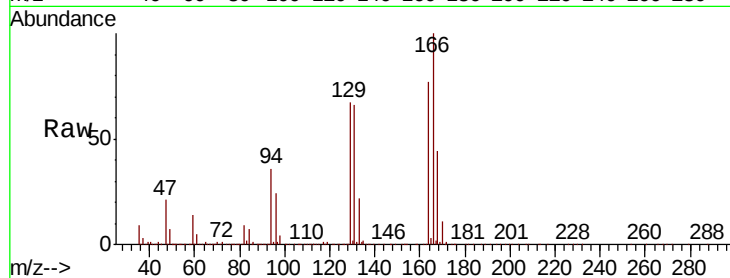
Ion Ratio Lower Upper

164 100

166 129.3 103.4 155.2

129 86.4 69.1 103.7

131 85.1 68.1 102.1

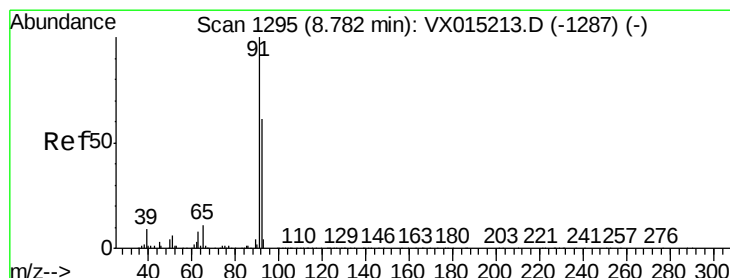
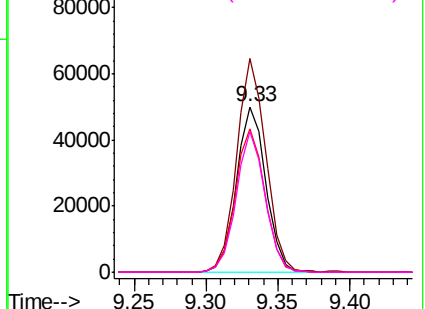
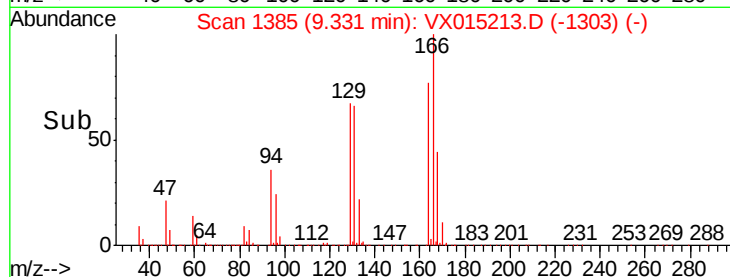


Abundance Ion 163.85 (163.55 to 164.55): V

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: 19.650 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VX015213.D

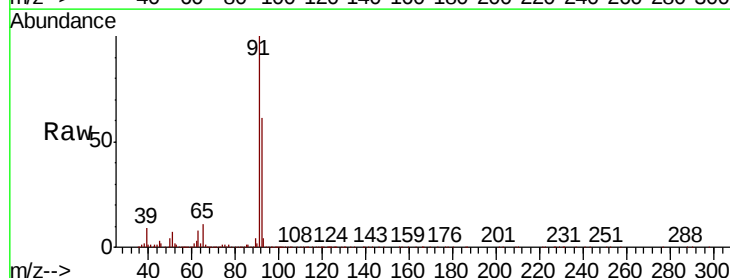
Acq: 11 Mar 2020 20:41

Tgt Ion: 91 Resp: 263081

Ion Ratio Lower Upper

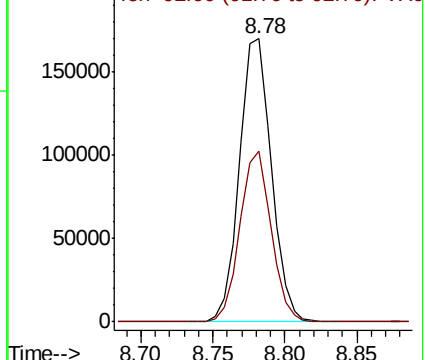
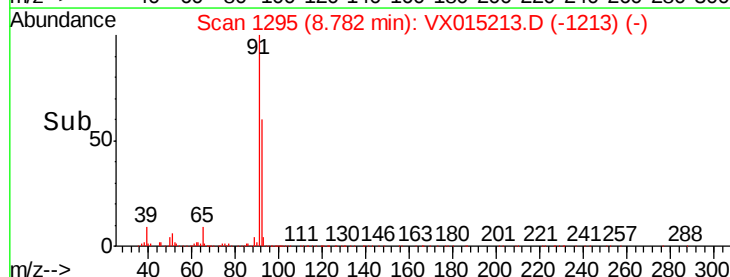
91 100

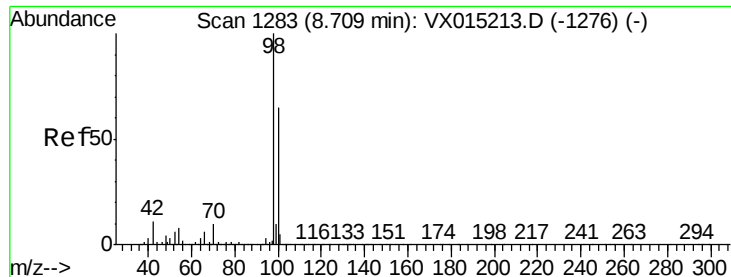
92 58.6 46.9 70.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 30.255 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX015213.D

Acq: 11 Mar 2020 20:41

Instrument :

MSVOA_X

ClientSampleId :

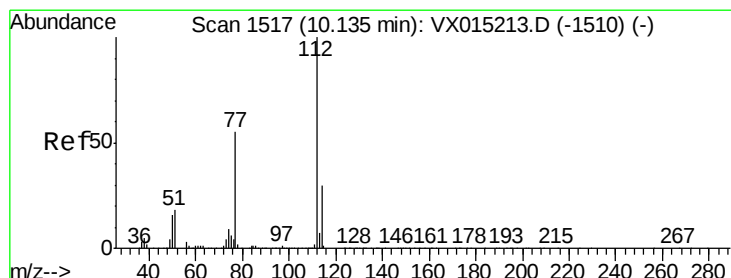
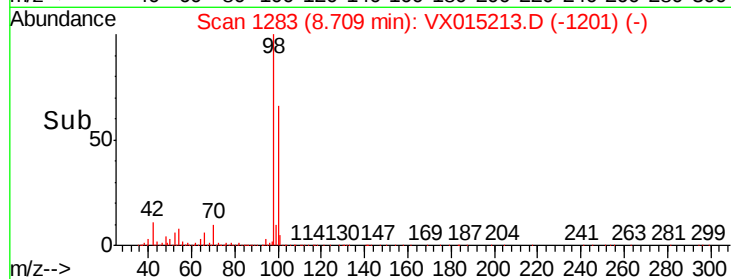
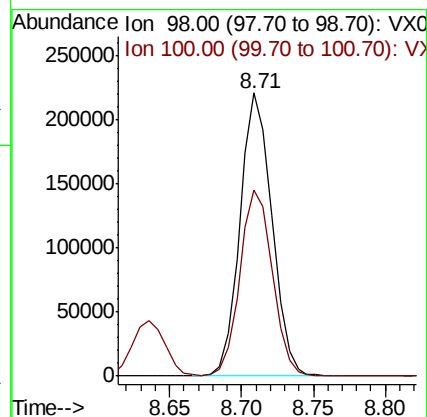
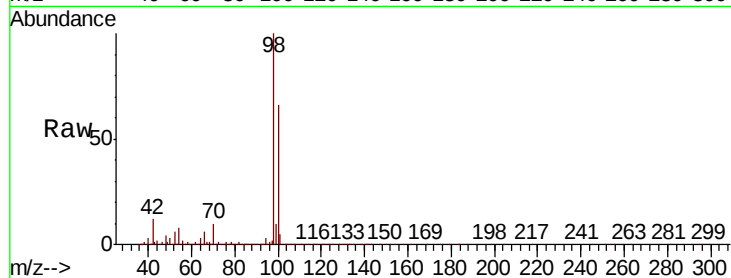
VSTDICCC020

Tot Ion: 98 Resp: 340647

Ion Ratio Lower Upper

98 100

100 66.6 53.3 79.9



#64

Chlorobenzene

Concen: 19.387 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX015213.D

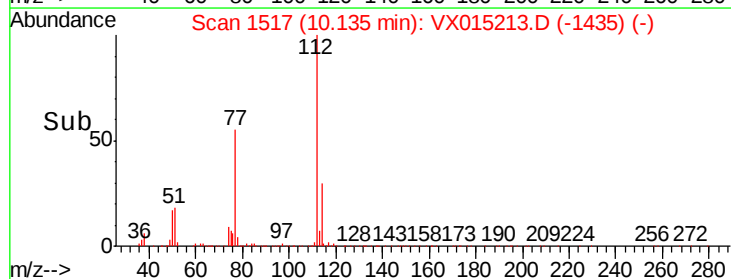
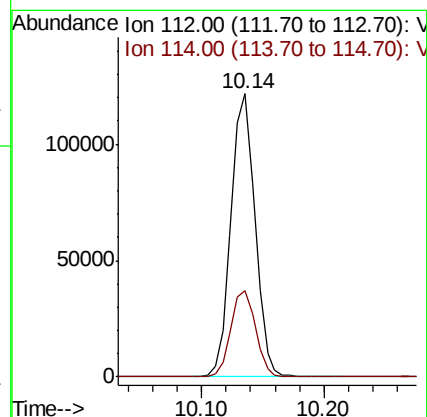
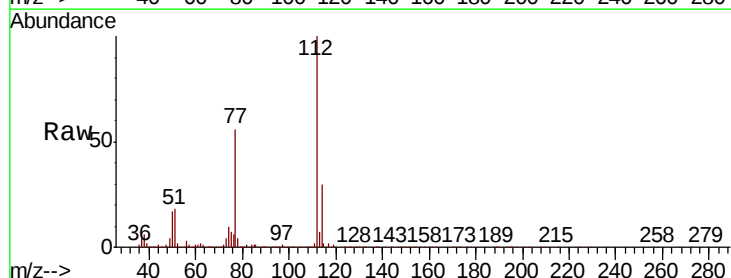
Acq: 11 Mar 2020 20:41

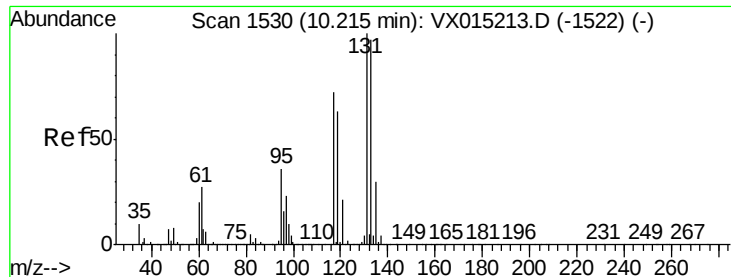
Tgt Ion: 112 Resp: 165542

Ion Ratio Lower Upper

112 100

114 30.4 24.3 36.5

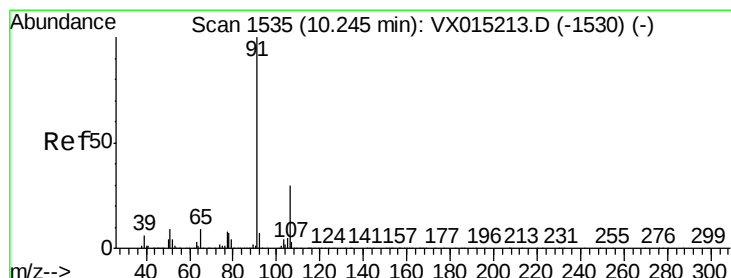
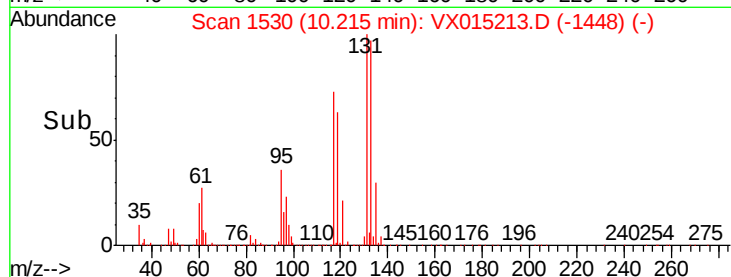
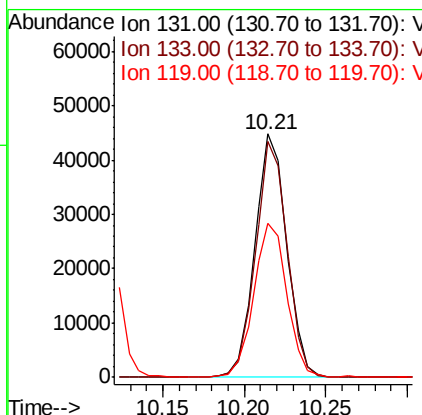
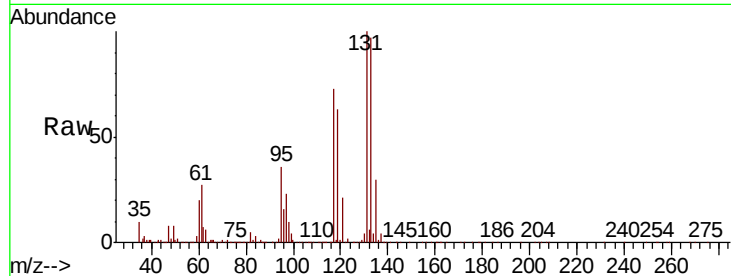




#65
 1,1,1,2-Tetrachloroethane
 Concen: 19.305 ug/l
 RT: 10.21 min Scan# 1530
 Delta R.T. 0.00 min
 Lab File: VX015213.D
 Acq: 11 Mar 2020 20:41

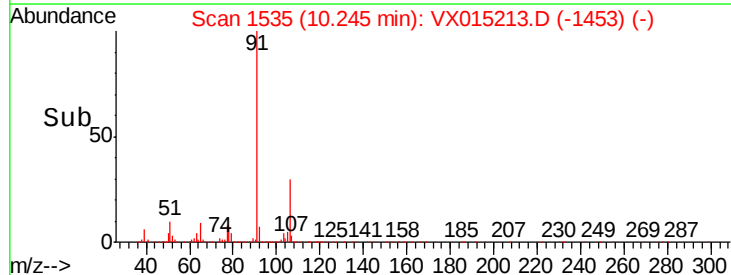
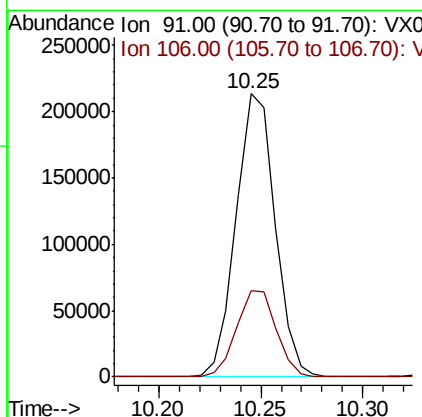
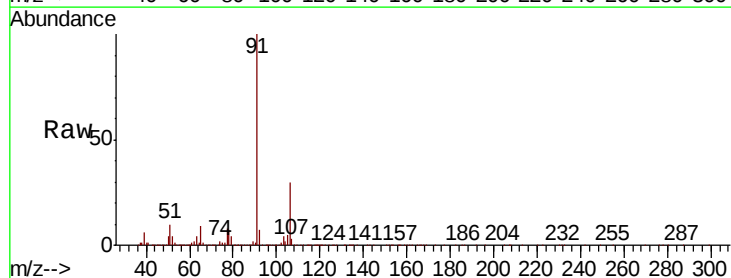
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

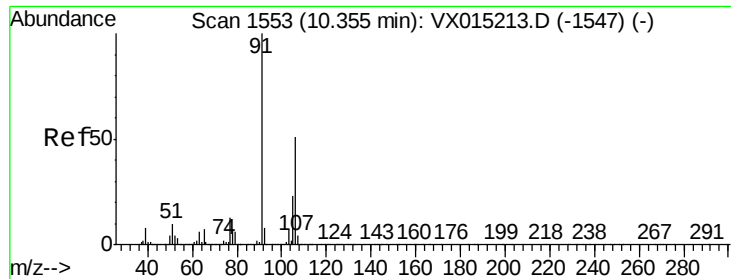
Tot Ion	131	Resp	60966
Ion	Ratio	Lower	Upper
131	100		
133	95.3	0.0	190.6
119	65.6	0.0	131.2



#66
 Ethyl Benzene
 Concen: 19.276 ug/l
 RT: 10.25 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VX015213.D
 Acq: 11 Mar 2020 20:41

Tgt Ion	91	Resp	283512
Ion	Ratio	Lower	Upper
91	100		
106	30.3	24.2	36.4

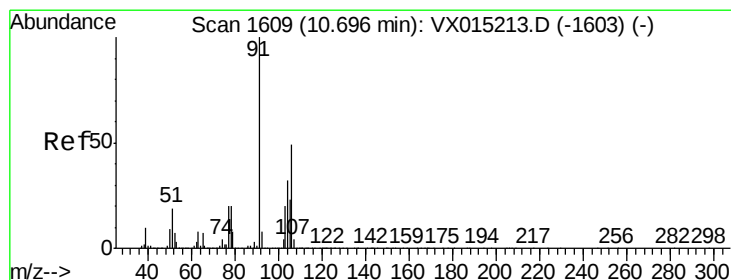
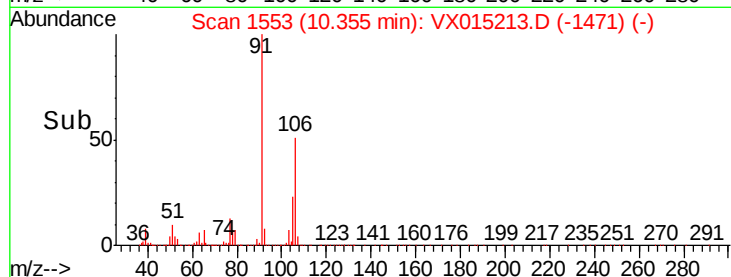
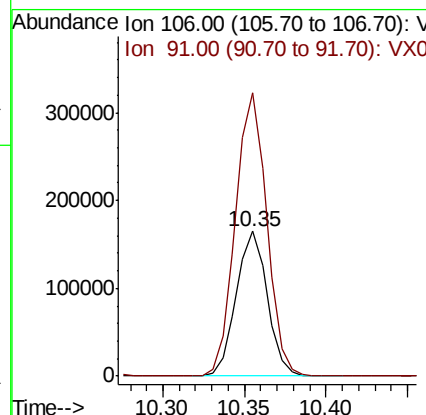
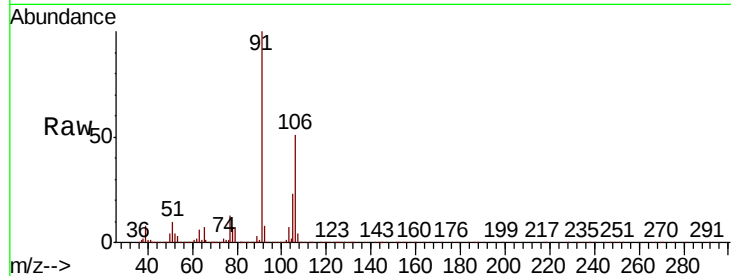




#67
m/p-Xylenes
Concen: 38.435 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX015213.D
Acq: 11 Mar 2020 20:41

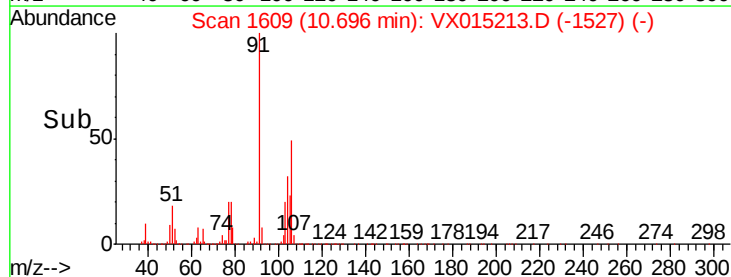
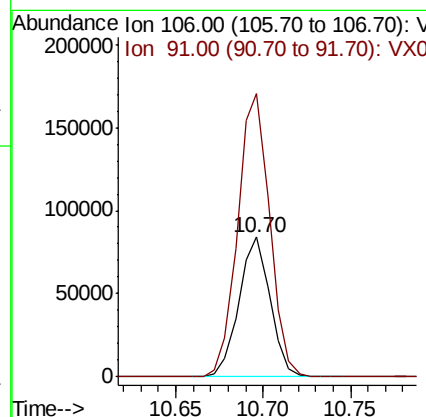
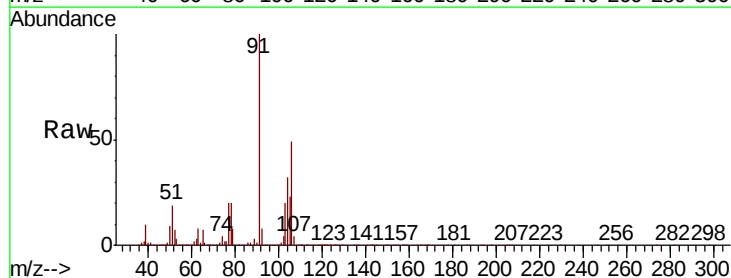
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

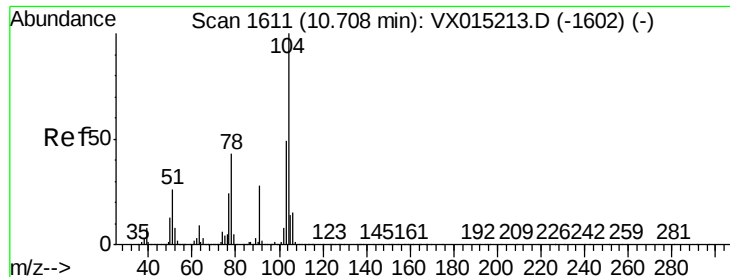
Tot Ion:106 Resp: 218035
Ion Ratio Lower Upper
106 100
91 197.7 158.2 237.2



#68
o-Xylene
Concen: 19.017 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX015213.D
Acq: 11 Mar 2020 20:41

Tgt Ion:106 Resp: 104267
Ion Ratio Lower Upper
106 100
91 207.2 103.6 310.8

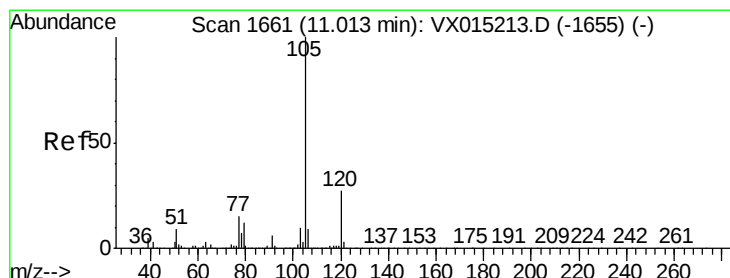
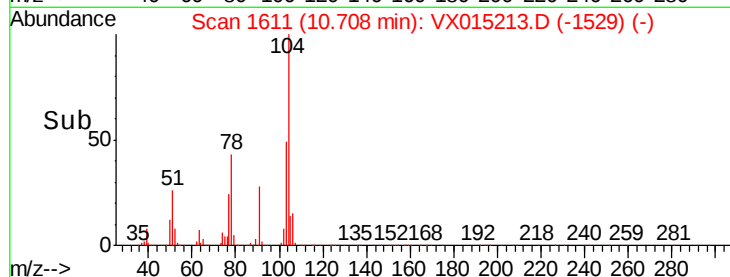
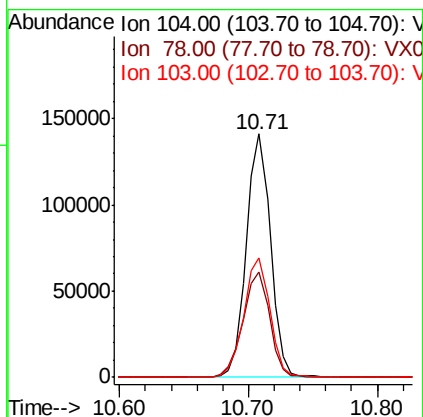
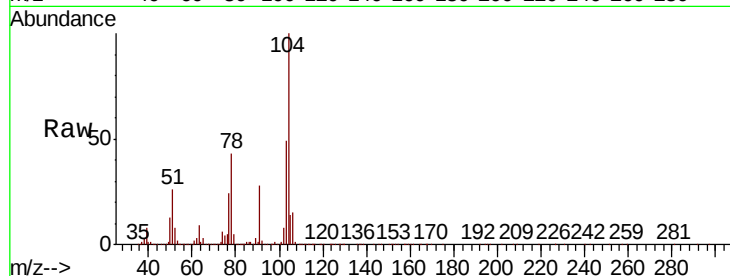




#69
Stvrene
Concen: 19.313 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX015213.D
Acq: 11 Mar 2020 20:41

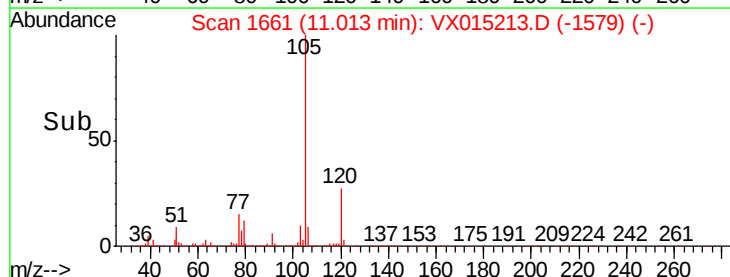
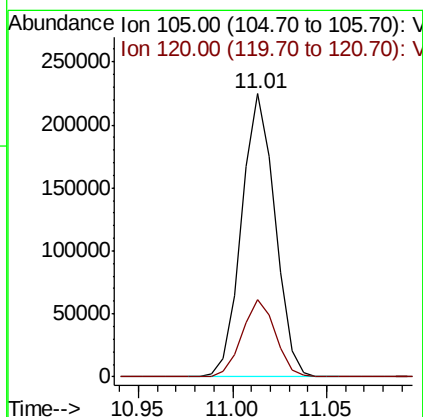
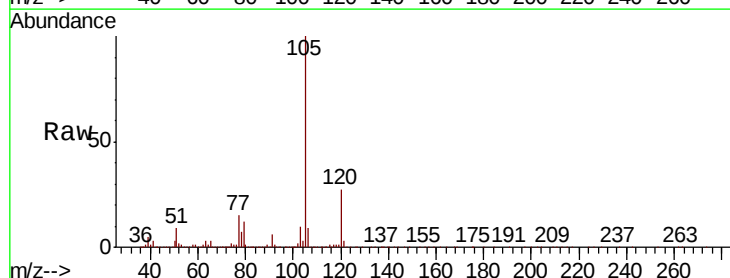
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

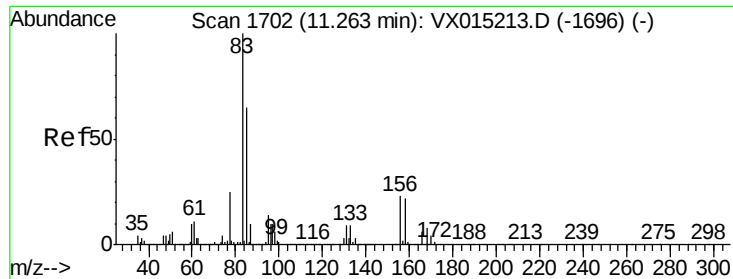
Tot Ion:104 Resp: 182073
Ion Ratio Lower Upper
104 100
78 47.9 38.3 57.5
103 53.3 42.6 64.0



#70
Isopropylbenzene
Concen: 19.064 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX015213.D
Acq: 11 Mar 2020 20:41

Tgt Ion:105 Resp: 277101
Ion Ratio Lower Upper
105 100
120 27.2 19.0 35.4





#71

1,1,2,2-Tetrachloroethane

Concen: 19.379 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX015213.D

Acq: 11 Mar 2020 20:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

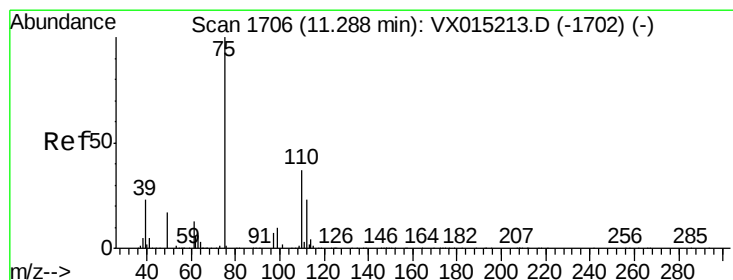
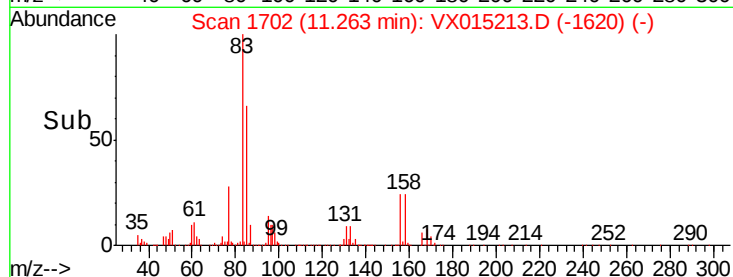
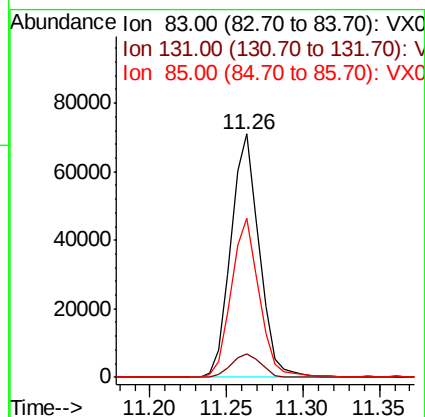
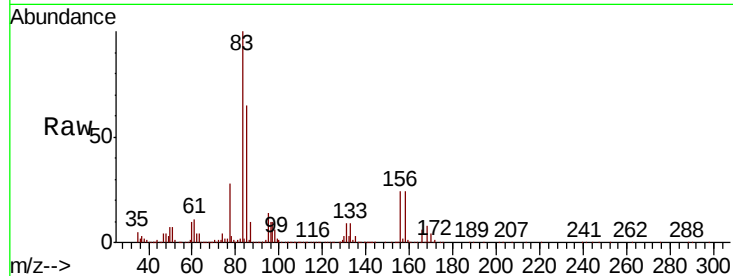
Tot Ion: 83 Resp: 91079

Ion Ratio Lower Upper

83 100

131 10.0 5.0 15.0

85 64.2 32.1 96.3



#72

1,2,3-Trichloropropane

Concen: 25.846 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VX015213.D

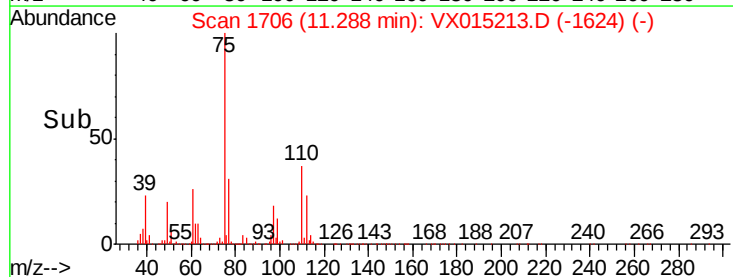
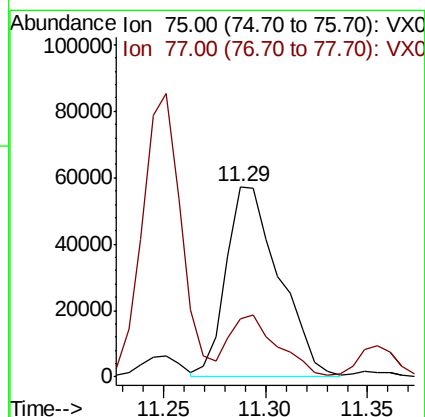
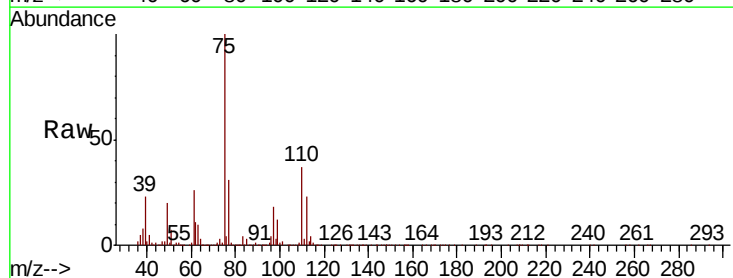
Acq: 11 Mar 2020 20:41

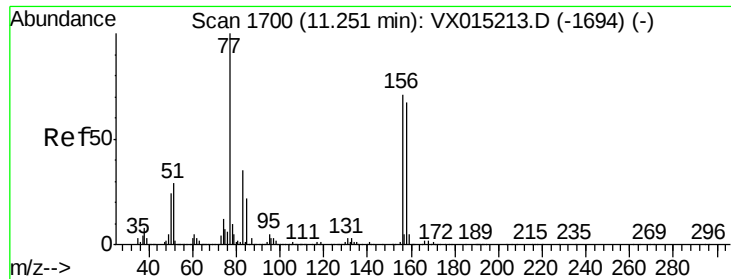
Tgt Ion: 75 Resp: 103502

Ion Ratio Lower Upper

75 100

77 29.1 0.0 69.4





#73

Bromobenzene

Concen: 18.999 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX015213.D

Acq: 11 Mar 2020 20:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

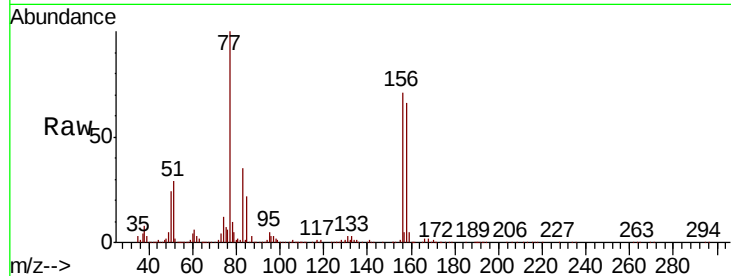
Tot Ion:156 Resp: 74601

Ion Ratio Lower Upper

156 100

77 150.1 0.0 300.2

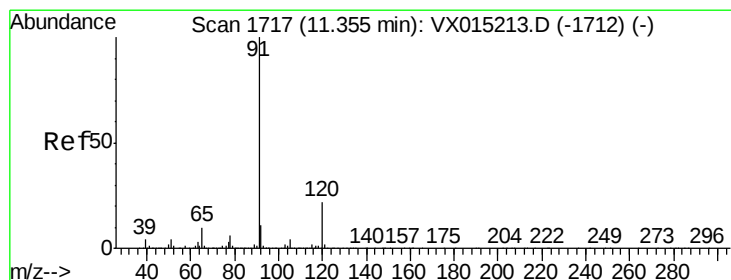
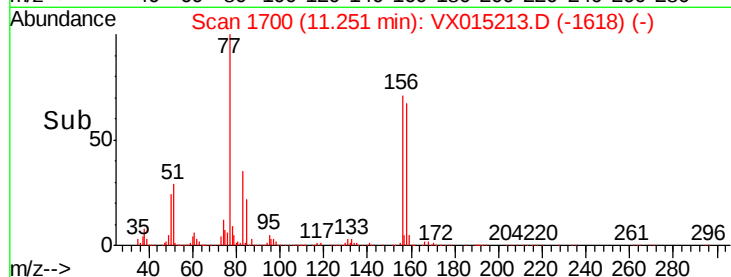
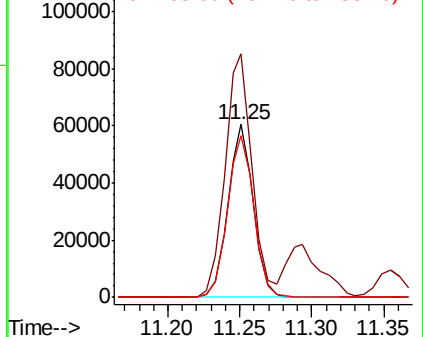
158 97.6 0.0 195.2



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: 19.214 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX015213.D

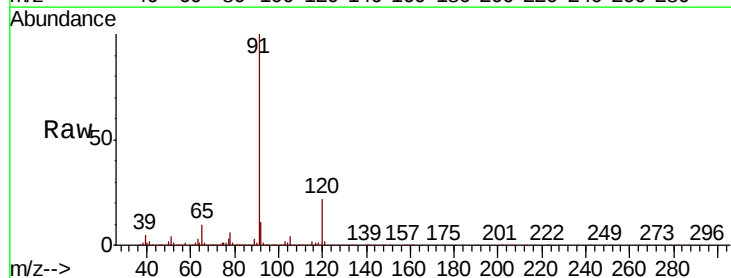
Acq: 11 Mar 2020 20:41

Tgt Ion: 91 Resp: 318757

Ion Ratio Lower Upper

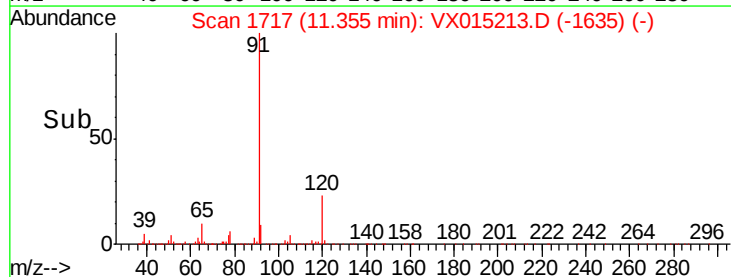
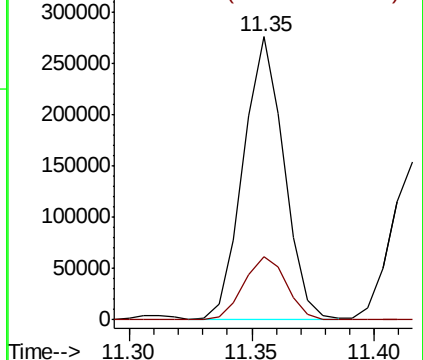
91 100

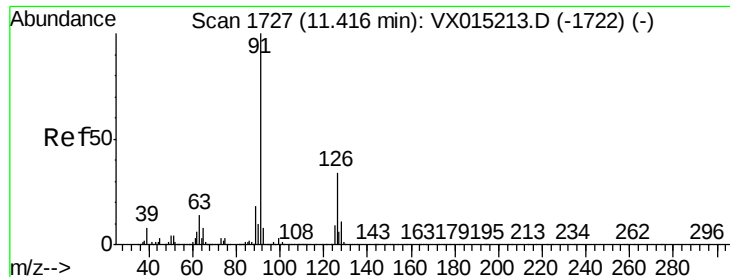
120 23.2 0.0 46.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 19.150 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX015213.D

Acq: 11 Mar 2020 20:41

Instrument :

MSVOA_X

ClientSampleId :

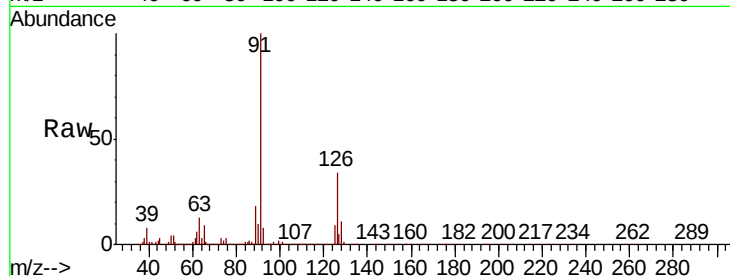
VSTDICCC020

Tot Ion: 91 Resp: 187019

Ion Ratio Lower Upper

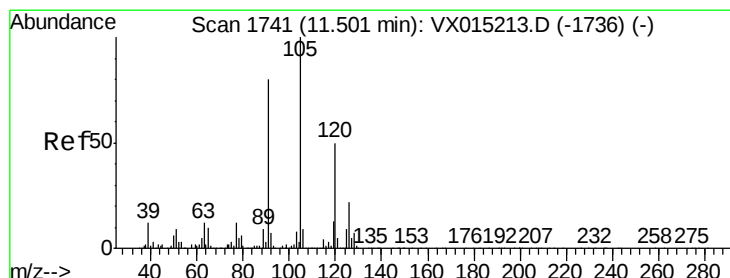
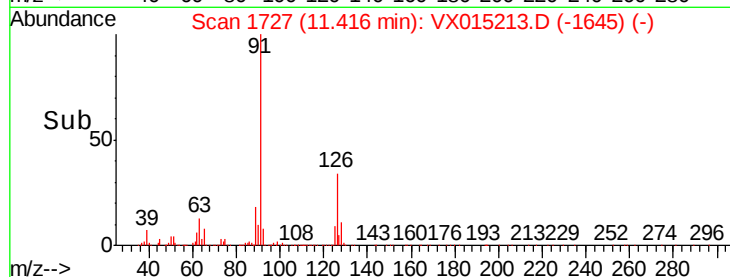
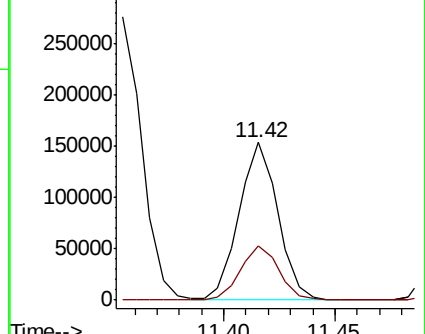
91 100

126 34.0 0.0 68.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V



#76

1,3,5-Trimethylbenzene

Concen: 18.833 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX015213.D

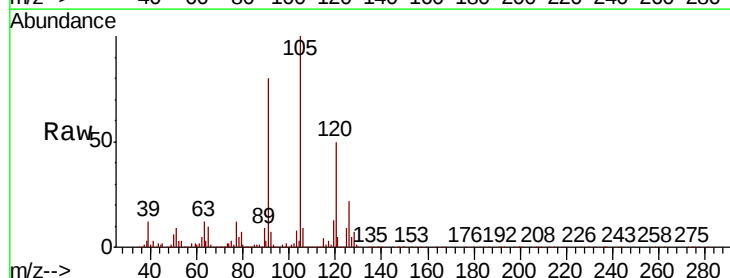
Acq: 11 Mar 2020 20:41

Tgt Ion: 105 Resp: 228923

Ion Ratio Lower Upper

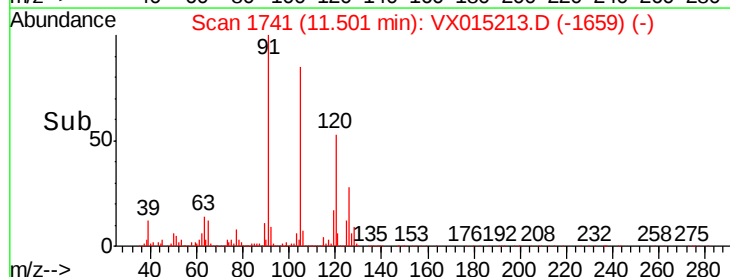
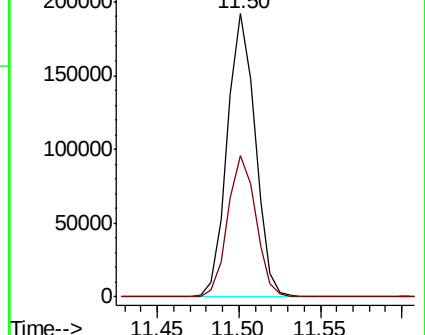
105 100

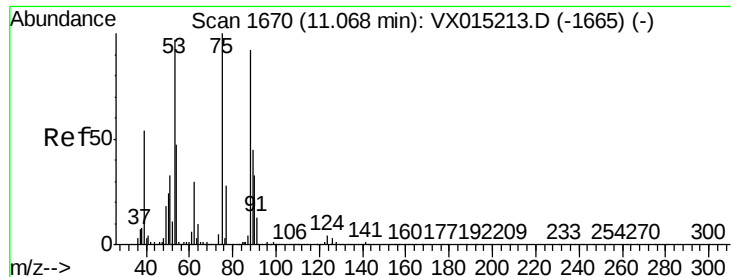
120 50.1 0.0 100.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#77

t-1,4-Dichloro-2-butene

Concen: 17.368 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX015213.D

Acq: 11 Mar 2020 20:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

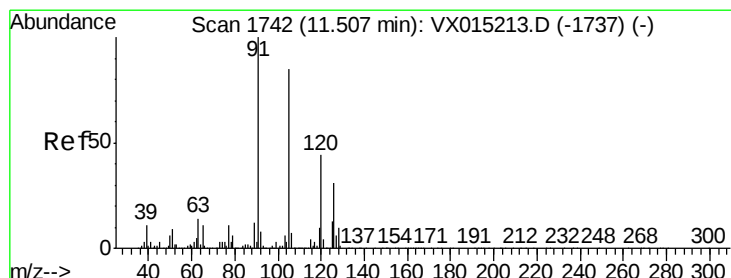
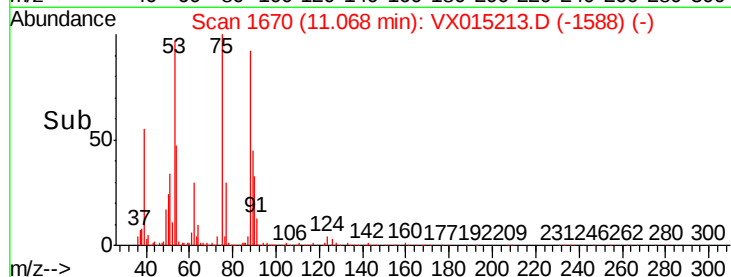
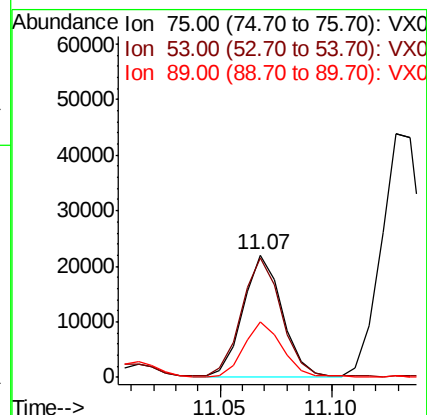
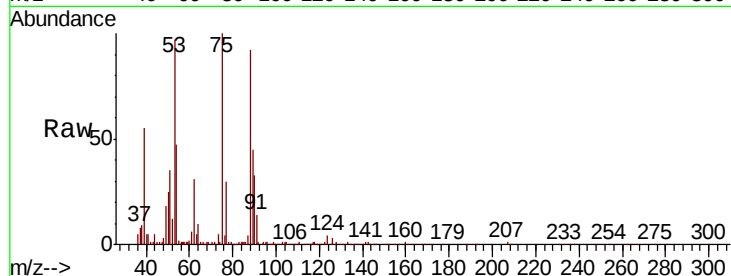
Tot Ion: 75 Resp: 27142

Ion Ratio Lower Upper

75 100

53 97.4 48.7 146.1

89 44.9 22.4 67.3



#78

4-Chlorotoluene

Concen: 19.290 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX015213.D

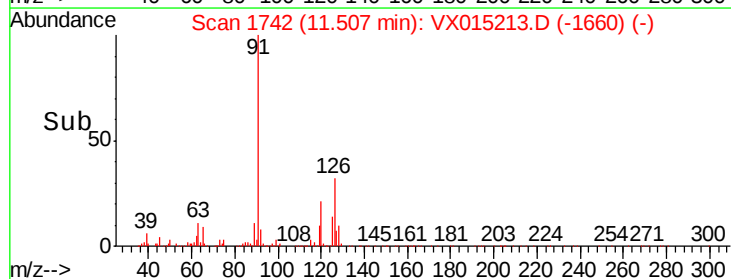
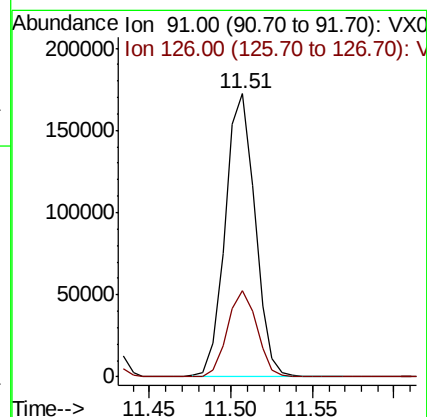
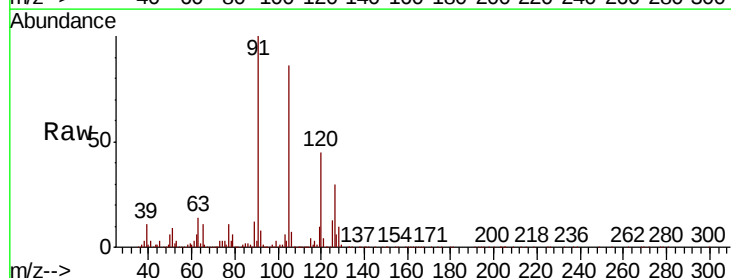
Acq: 11 Mar 2020 20:41

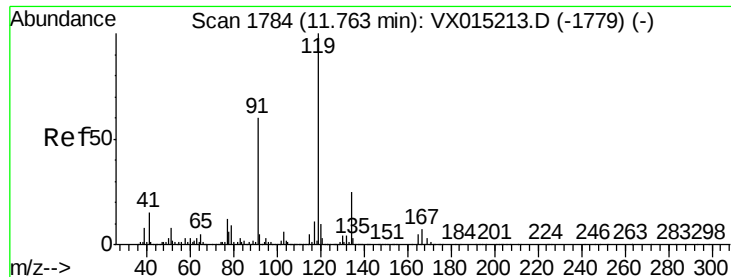
Tgt Ion: 91 Resp: 219231

Ion Ratio Lower Upper

91 100

126 30.0 0.0 60.0

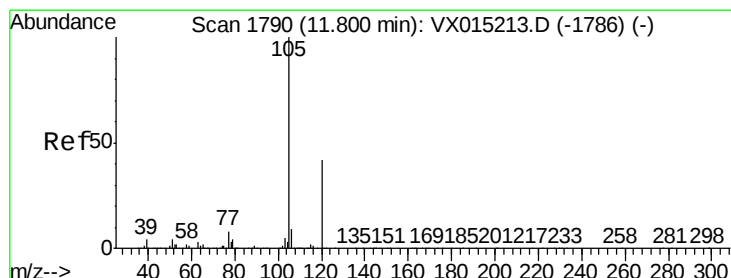
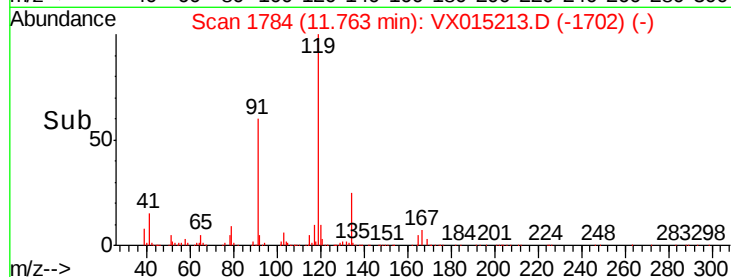
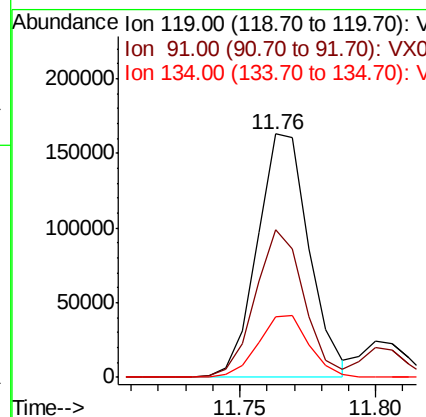
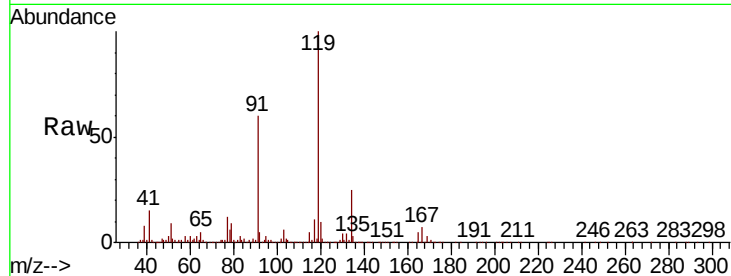




#79
tert-butylbenzene
Concen: 18.352 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VX015213.D
Acq: 11 Mar 2020 20:41

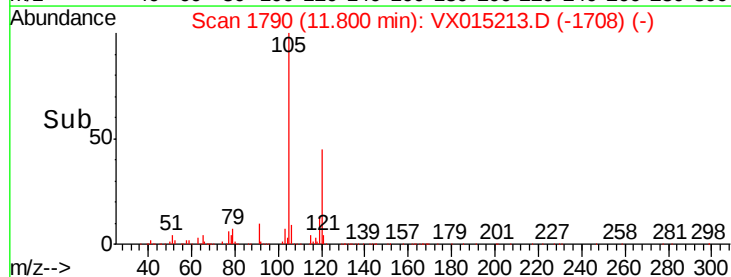
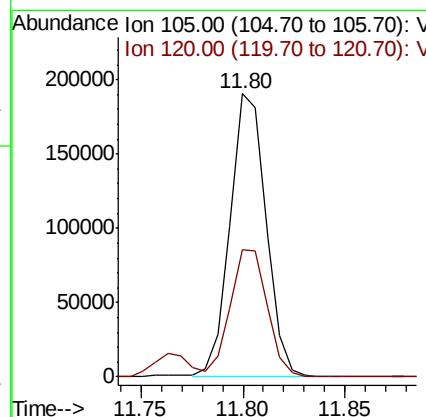
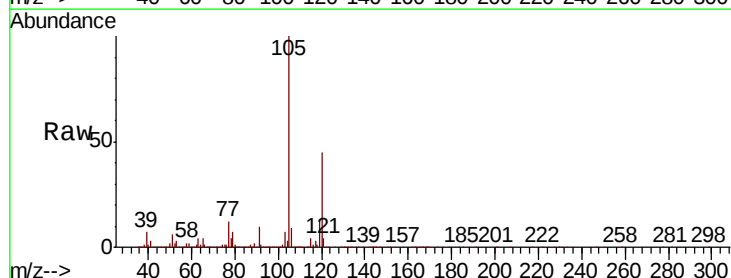
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

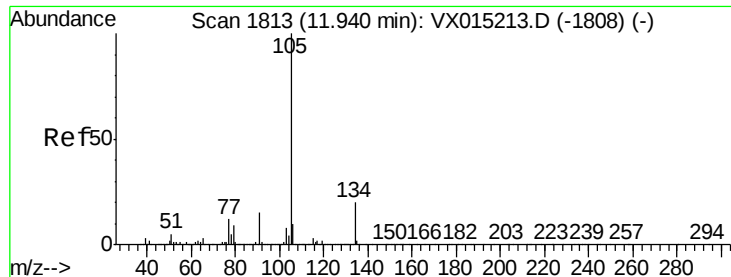
Tot Ion:119 Resp: 214982
Ion Ratio Lower Upper
119 100
91 56.9 0.0 113.8
134 25.3 0.0 50.6



#80
1,2,4-Trimethylbenzene
Concen: 19.134 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. 0.00 min
Lab File: VX015213.D
Acq: 11 Mar 2020 20:41

Tgt Ion:105 Resp: 232088
Ion Ratio Lower Upper
105 100
120 46.1 0.0 92.2

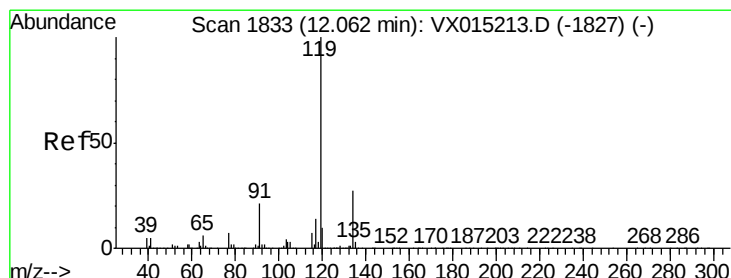
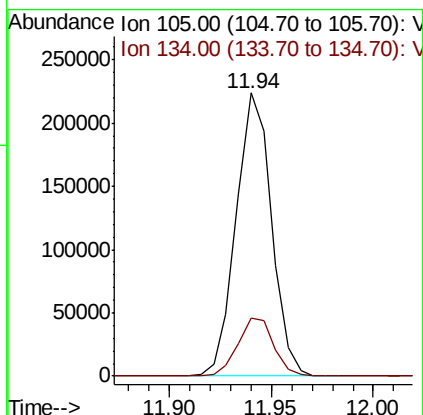
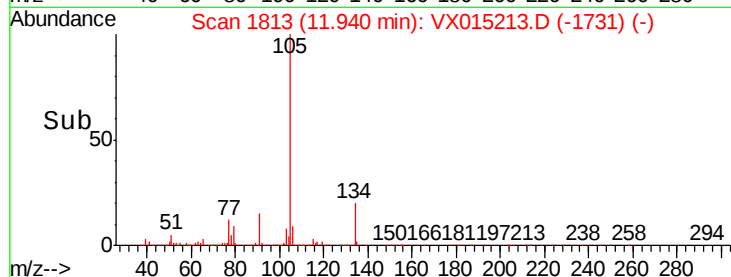
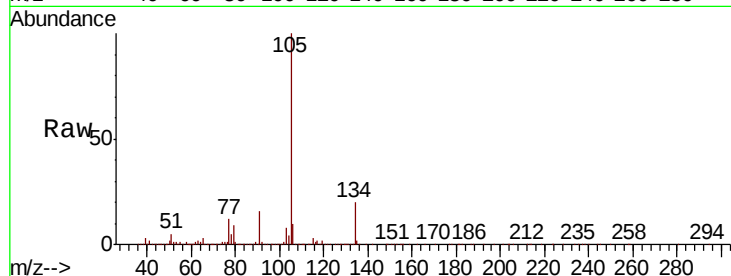




#81
 sec-Butylbenzene
 Concen: 19.053 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX015213.D
 Acq: 11 Mar 2020 20:41

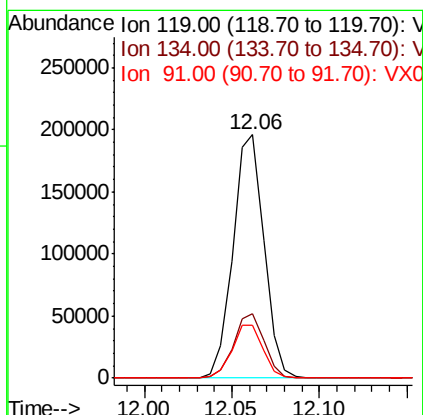
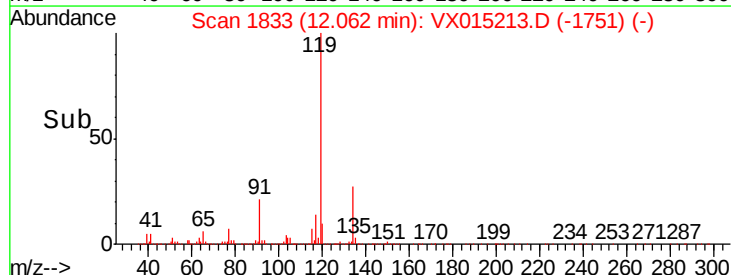
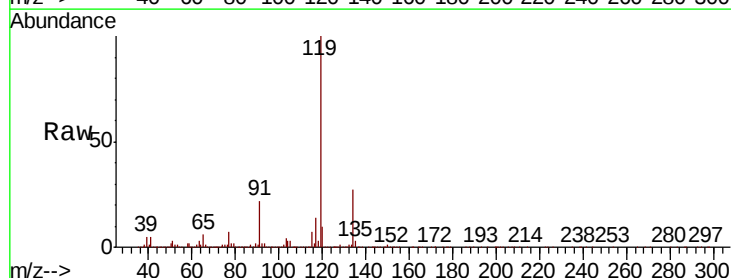
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

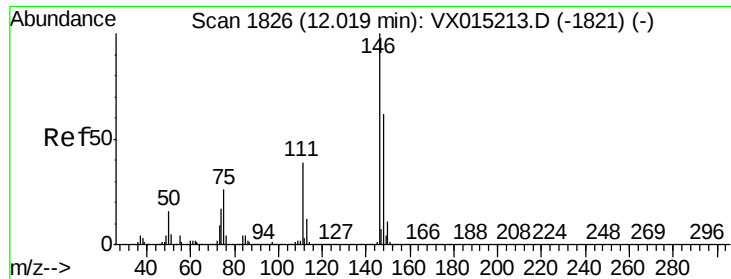
Tot Ion:105 Resp: 268975
 Ion Ratio Lower Upper
 105 100
 134 20.7 0.0 41.4



#82
 p-Isopropyltoluene
 Concen: 18.512 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. 0.00 min
 Lab File: VX015213.D
 Acq: 11 Mar 2020 20:41

Tgt Ion:119 Resp: 241257
 Ion Ratio Lower Upper
 119 100
 134 26.2 0.0 52.2
 91 21.8 0.0 43.4

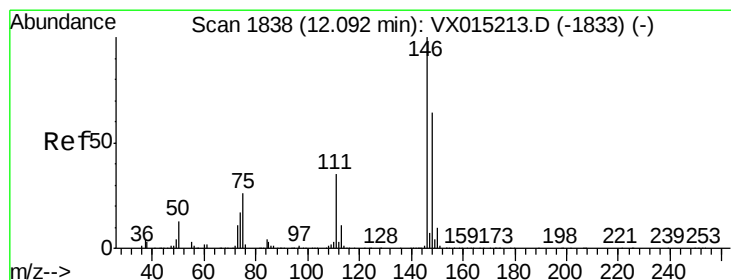
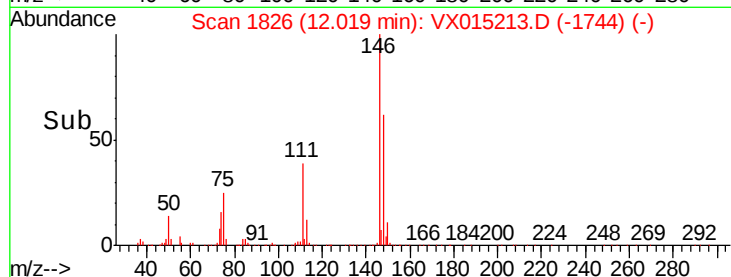
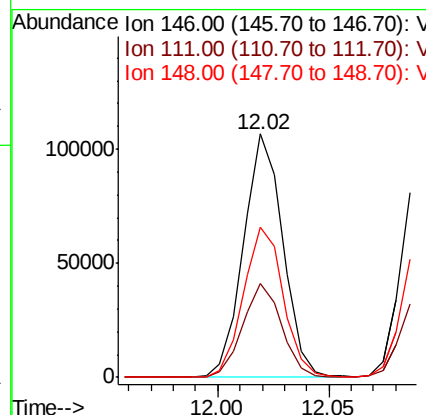
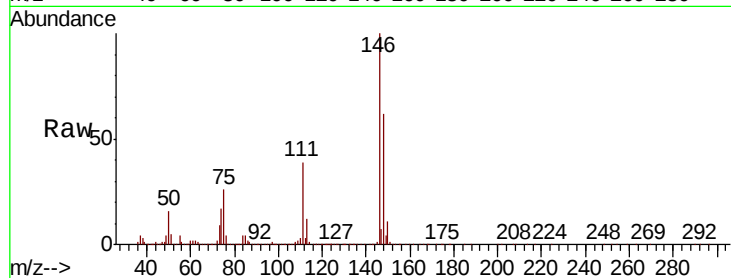




#83
 1,3-Dichlorobenzene
 Concen: 18.988 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX015213.D
 Acq: 11 Mar 2020 20:41

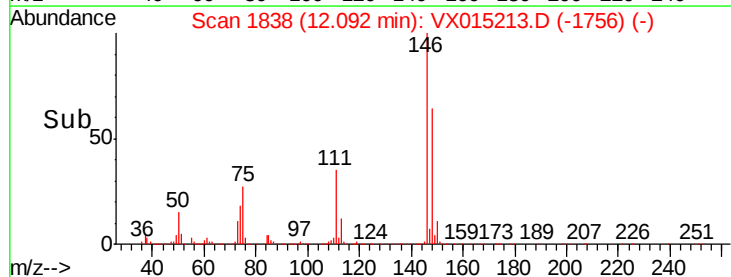
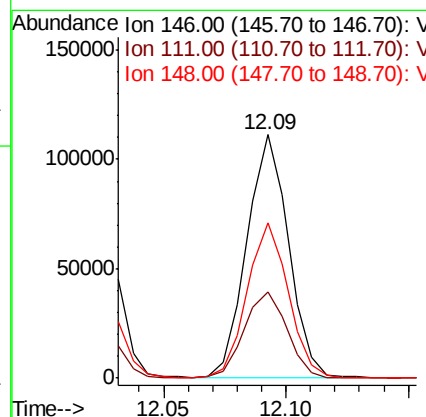
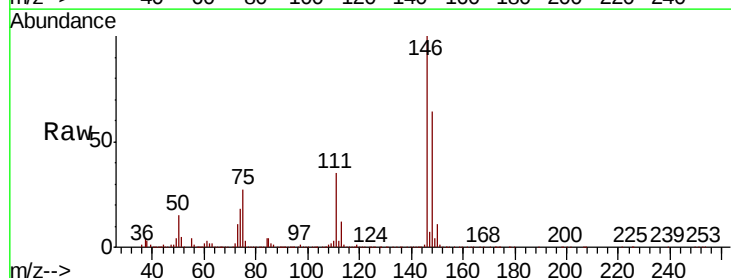
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

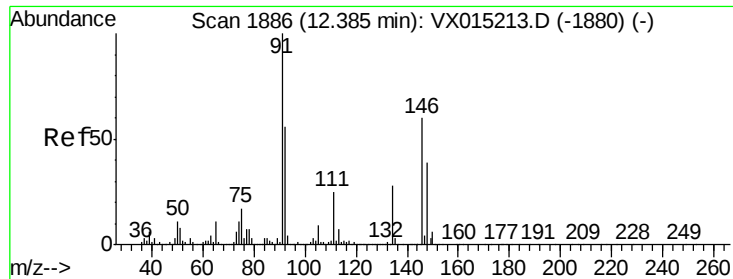
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.3	19.1	57.5
148	62.6	31.3	93.9



#84
 1,4-Dichlorobenzene
 Concen: 19.069 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX015213.D
 Acq: 11 Mar 2020 20:41

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.1	18.1	54.1
148	63.4	31.7	95.1

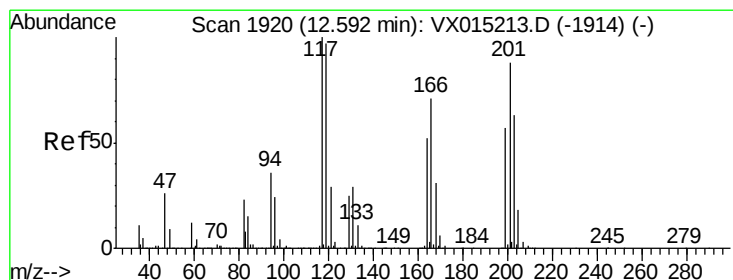
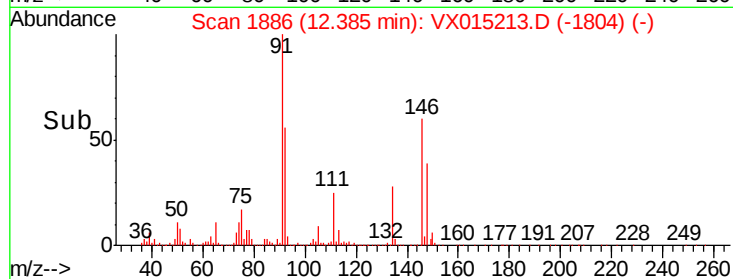
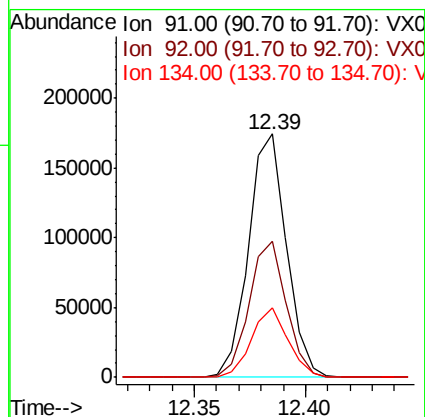
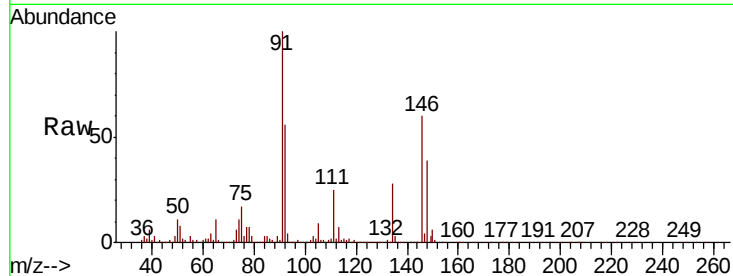




#85
n-Butylbenzene
Concen: 18.246 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX015213.D
Acq: 11 Mar 2020 20:41

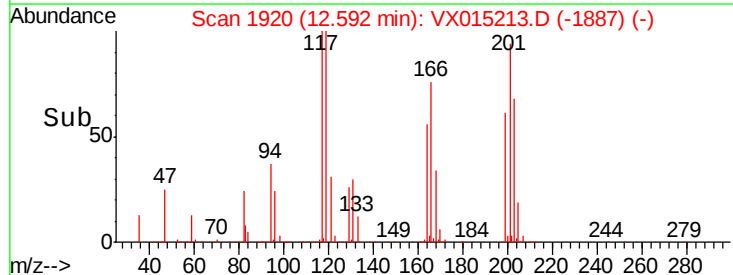
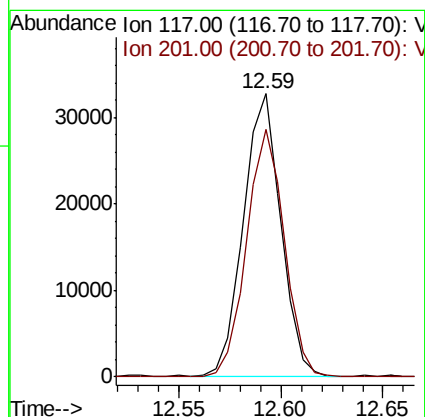
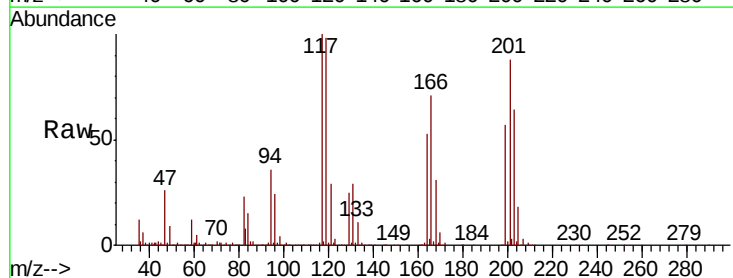
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

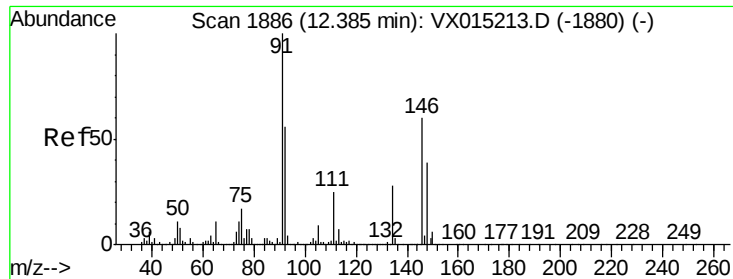
Tot Ion: 91 Resp: 208174
Ion Ratio Lower Upper
91 100
92 54.8 0.0 109.6
134 27.3 0.0 54.6



#86
Hexachloroethane
Concen: 17.699 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX015213.D
Acq: 11 Mar 2020 20:41

Tgt Ion: 117 Resp: 41936
Ion Ratio Lower Upper
117 100
201 87.6 43.8 131.4

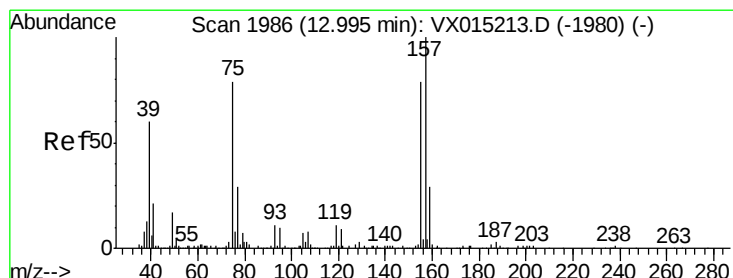
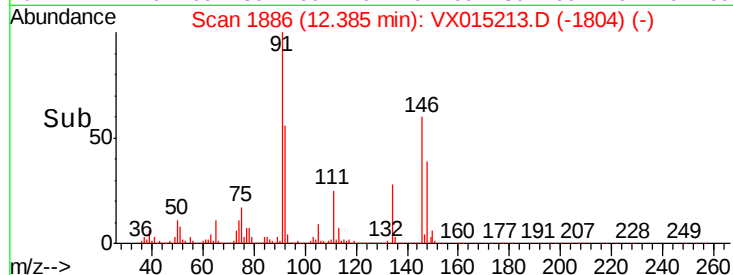
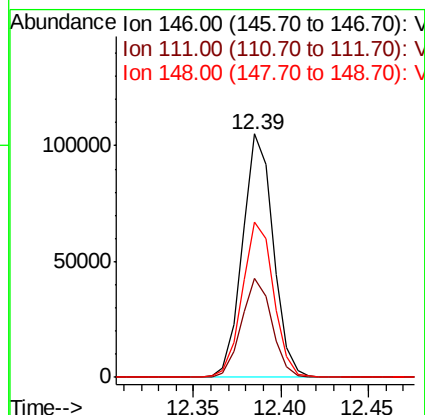
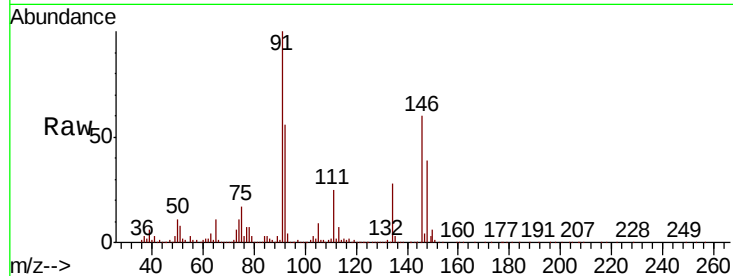




#87
 1,2-Dichlorobenzene
 Concen: 18.759 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX015213.D
 Acq: 11 Mar 2020 20:41

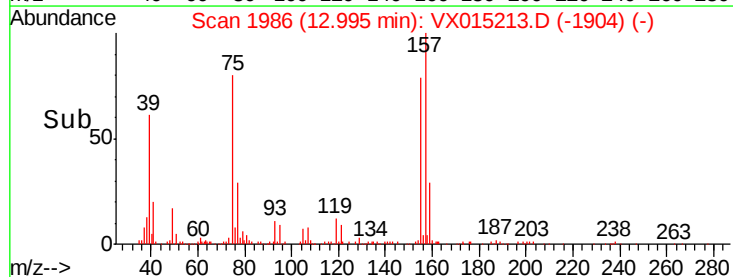
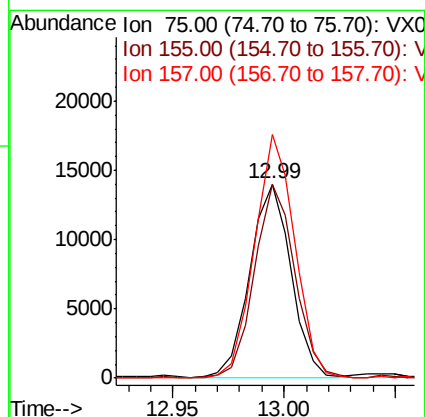
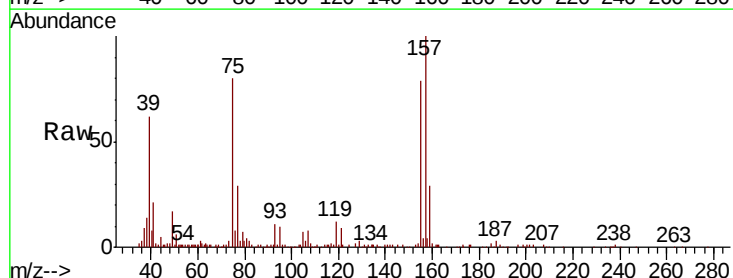
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

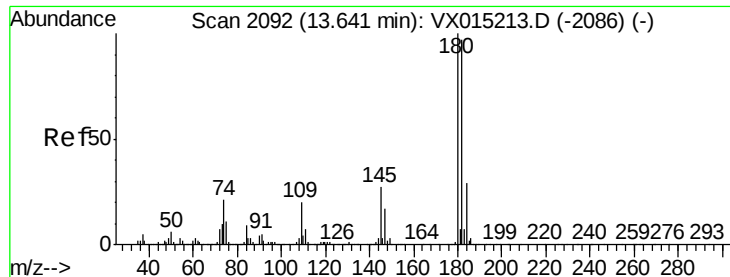
Tot Ion:146 Resp: 128545
 Ion Ratio Lower Upper
 146 100
 111 40.3 20.2 60.5
 148 65.0 32.5 97.5



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 17.649 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX015213.D
 Acq: 11 Mar 2020 20:41

Tgt Ion: 75 Resp: 17830
 Ion Ratio Lower Upper
 75 100
 155 99.3 79.4 119.2
 157 123.9 99.1 148.7

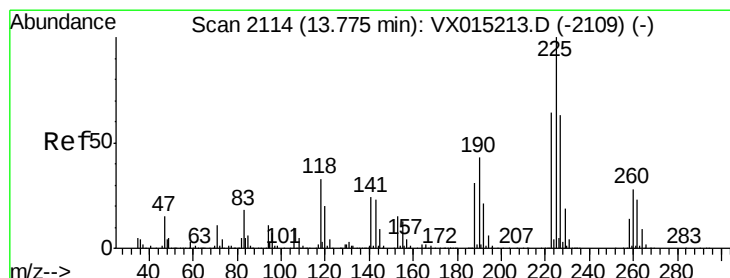
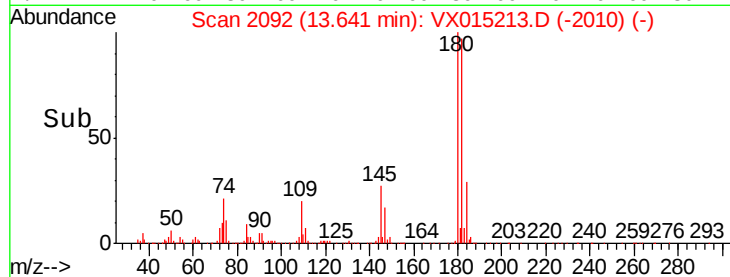
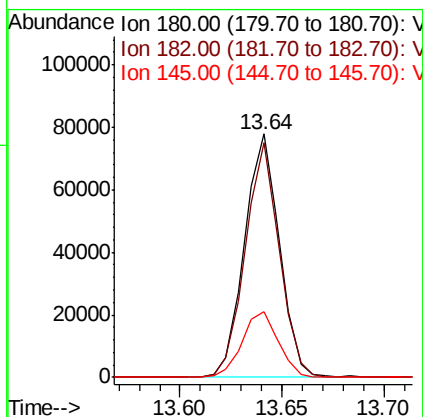
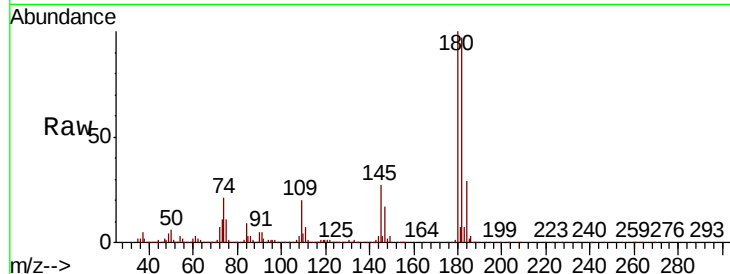




#89
 1,2,4-Trichlorobenzene
 Concen: 18.647 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX015213.D
 Acq: 11 Mar 2020 20:41

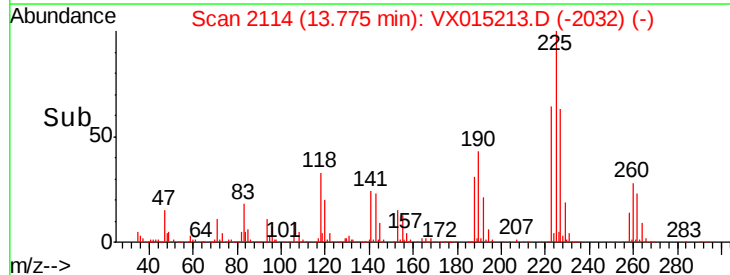
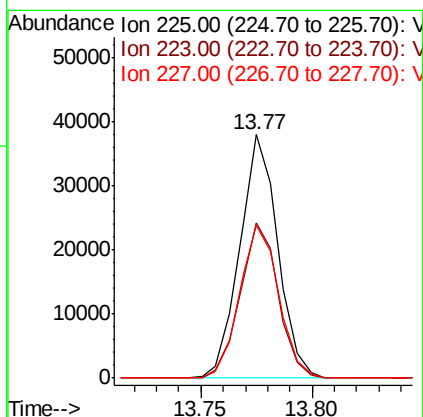
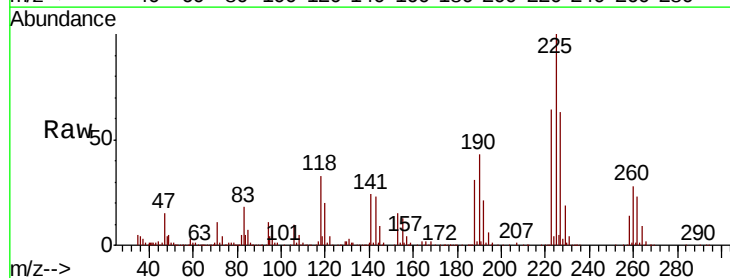
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

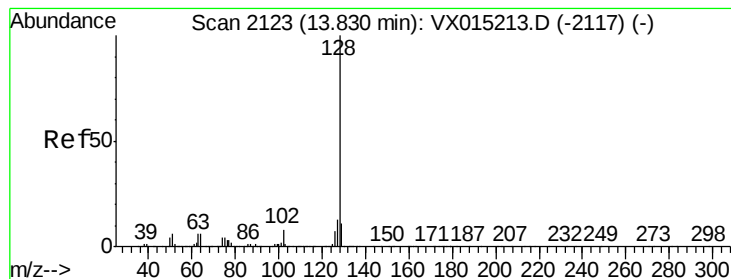
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.5	75.6	113.4
145	28.4	22.7	34.1



#90
 Hexachlorobutadiene
 Concen: 18.442 ug/l
 RT: 13.77 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX015213.D
 Acq: 11 Mar 2020 20:41

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.8	0.0	127.6
227	64.3	0.0	128.6





#91

Naphthalene

Concen: 18.815 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX015213.D

Acq: 11 Mar 2020 20:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

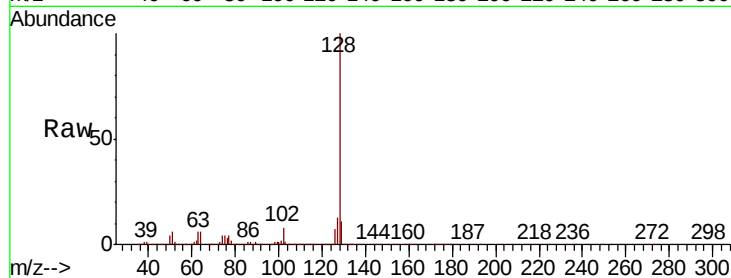
Tot Ion:128 Resp: 262809

Ion Ratio Lower Upper

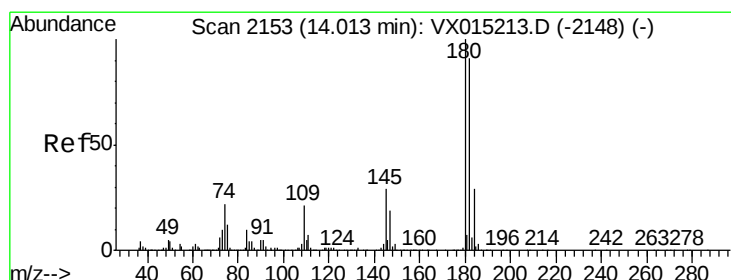
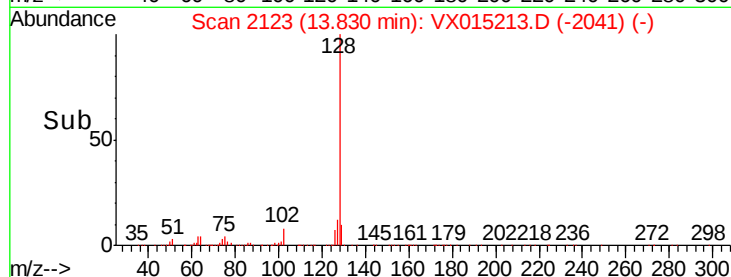
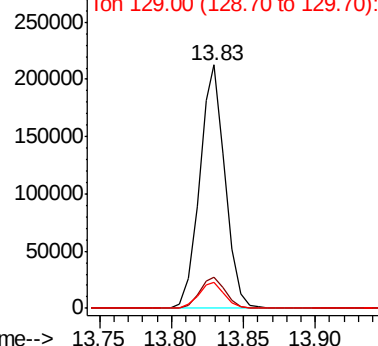
128 100

127 13.0 10.4 15.6

129 11.0 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#92

1,2,3-Trichlorobenzene

Concen: 19.212 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. 0.00 min

Lab File: VX015213.D

Acq: 11 Mar 2020 20:41

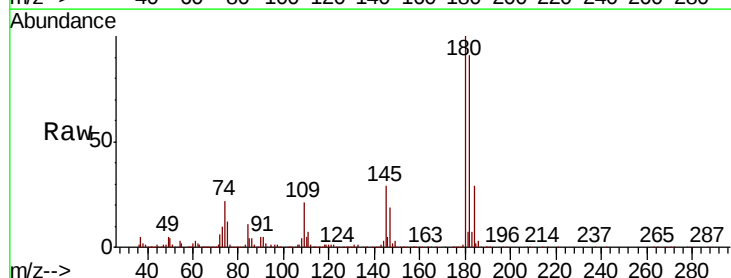
Tgt Ion:180 Resp: 94976

Ion Ratio Lower Upper

180 100

182 94.2 0.0 188.4

145 29.6 0.0 59.2



Abundance Ion 180.00 (179.70 to 180.70): V
Ion 182.00 (181.70 to 182.70): V
Ion 145.00 (144.70 to 145.70): V

