

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX030420\
 Data File : VX015081.D
 Acq On : 04 Mar 2020 09:24
 Operator : JC/SP
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Quant Time: Mar 04 13:16:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 04 13:12:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	400158	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	609320	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	562926	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	285517	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	92925	19.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	39.14%	
35) Dibromofluoromethane	5.49	113	75308	19.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	39.18%	
50) Toluene-d8	8.71	98	289408	19.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	39.58%	
62) 4-Bromofluorobenzene	11.13	95	102608	19.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	39.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	67329	19.21	ug/l	100
3) Chloromethane	1.32	50	96958	19.53	ug/l	99
4) Vinyl Chloride	1.40	62	98211	19.51	ug/l	99
5) Bromomethane	1.64	94	59777	19.32	ug/l	99
6) Chloroethane	1.72	64	60118	19.91	ug/l	97
7) Trichlorofluoromethane	1.93	101	117979	19.70	ug/l	95
8) Diethyl Ether	2.18	74	52805	19.26	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	71062	18.86	ug/l	97
10) Methyl Iodide	2.51	142	81146	19.06	ug/l	99
11) Tert butyl alcohol	3.05	59	77528	94.13	ug/l	100
12) 1,1-Dichloroethene	2.37	96	73859	18.99	ug/l	99
13) Acrolein	2.29	56	71598	92.50	ug/l	99
14) Allyl chloride	2.72	41	129835	19.15	ug/l	98
15) Acrylonitrile	3.14	53	201103	98.04	ug/l	100
16) Acetone	2.44	43	193445	100.62	ug/l	98
17) Carbon Disulfide	2.56	76	207922	19.25	ug/l	100
18) Methyl Acetate	2.76	43	87580	18.63	ug/l	100
19) Methyl tert-butyl Ether	3.19	73	240813	19.82	ug/l	98
20) Methylene Chloride	2.85	84	83310	18.52	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	79316	19.10	ug/l	98
22) Diisopropyl ether	3.84	45	268472	19.87	ug/l	95
23) Vinyl Acetate	3.81	43	1118345	100.71	ug/l	100
24) 1,1-Dichloroethane	3.69	63	147034	19.61	ug/l	99
25) 2-Butanone	4.66	43	287972	102.31	ug/l	100
26) 2,2-Dichloropropane	4.58	77	114905	19.31	ug/l	97
27) cis-1,2-Dichloroethene	4.59	96	89874	19.29	ug/l	98
28) Bromochloromethane	5.01	49	74527	21.83	ug/l	94
29) Tetrahydrofuran	5.12	42	178649	98.46	ug/l	98
30) Chloroform	5.20	83	141291	19.33	ug/l	99
31) Cyclohexane	5.58	56	128173	19.17	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	118669	19.59	ug/l	99
36) 1,1-Dichloropropene	5.79	75	108659	19.28	ug/l	98
37) Ethyl Acetate	4.82	43	108952	20.84	ug/l	99
38) Carbon Tetrachloride	5.78	117	102363	19.24	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	129496	19.68	ug/l	99
40) Benzene	6.14	78	331991	19.85	ug/l	99
41) Methacrylonitrile	5.03	41	60949	21.02	ug/l	98
42) 1,2-Dichloroethane	6.18	62	116043	20.21	ug/l	100
43) Isopropyl Acetate	6.43	43	179524	19.52	ug/l	99
44) Trichloroethene	7.21	130	89599	19.24	ug/l	99
45) 1,2-Dichloropropane	7.51	63	85239	19.69	ug/l	98
46) Dibromomethane	7.65	93	53936	19.12	ug/l	98
47) Bromodichloromethane	7.89	83	106758	19.14	ug/l	96
48) Methyl methacrylate	7.76	41	88646	18.94	ug/l	99
49) 1,4-Dioxane	7.75	88	38461	380.88	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	548614	100.89	ug/l	100
52) Toluene	8.78	92	203982	19.95	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	118050	19.76	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	131496	19.59	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	82856	19.69	ug/l	99
56) Ethyl methacrylate	9.17	69	122269	20.37	ug/l	98
57) 1,3-Dichloropropane	9.37	76	141047	19.92	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	319664	97.76	ug/l	100
59) 2-Hexanone	9.48	43	417047	103.48	ug/l	100
60) Dibromochloromethane	9.57	129	85999	19.45	ug/l	100
61) 1,2-Dibromoethane	9.67	107	85533	19.35	ug/l	100
64) Tetrachloroethene	9.33	164	92984	19.98	ug/l	97
65) Chlorobenzene	10.14	112	220829	19.54	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	81738	19.18	ug/l	98
67) Ethyl Benzene	10.25	91	382735	19.94	ug/l	99
68) m/p-Xylenes	10.35	106	295425	40.46	ug/l	100
69) o-Xylene	10.70	106	137381	19.65	ug/l	98
70) Styrene	10.71	104	237966	19.85	ug/l	99
71) Bromoform	10.85	173	62546	18.93	ug/l #	99
73) Isopropylbenzene	11.01	105	370918	20.34	ug/l	99
74) N-amyl acetate	10.89	43	150464	19.57	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	119390	19.64	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	134758	24.05	ug/l	78
77) Bromobenzene	11.25	156	98161	19.31	ug/l	99
78) n-propylbenzene	11.35	91	426340	20.46	ug/l	99
79) 2-Chlorotoluene	11.42	91	252918	20.32	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	311619	20.52	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	37778	18.83	ug/l	96
82) 4-Chlorotoluene	11.51	91	294898	20.06	ug/l	99
83) tert-Butylbenzene	11.76	119	298560	20.34	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	313071	20.52	ug/l	99
85) sec-Butylbenzene	11.94	105	362927	20.48	ug/l	99
86) p-Isopropyltoluene	12.06	119	333005	20.39	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	174417	19.52	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	176001	19.51	ug/l	99
89) n-Butylbenzene	12.39	91	288999	19.90	ug/l	100
90) Hexachloroethane	12.59	117	57878	18.75	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	175089	19.71	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	24400	20.05	ug/l	99

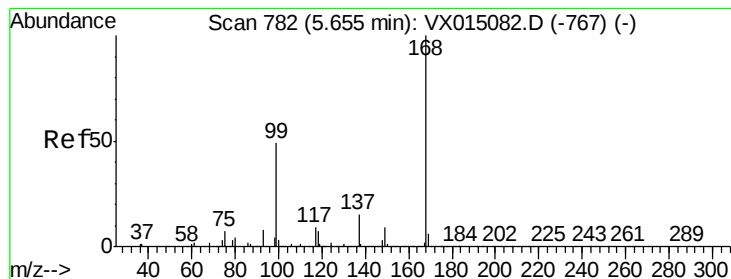
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	118645	19.24	ug/l	98
94) Hexachlorobutadiene	13.78	225	60284	19.05	ug/l	98
95) Naphthalene	13.83	128	347160	20.60	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	121838	19.80	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.65 min Scan# 782

Delta R.T. -0.00 min

Lab File: VX015081.D

Acq: 04 Mar 2020 09:24

Instrument :

MSVOA_X

ClientSampleId :

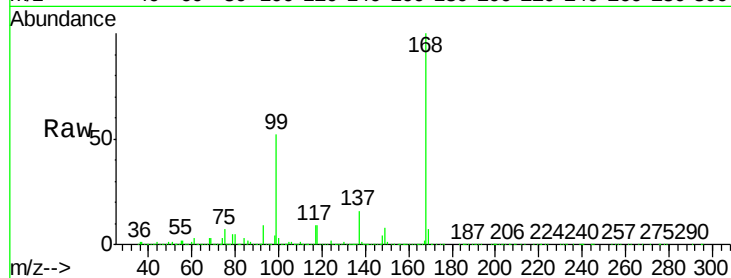
VSTDIC020

Tgt Ion:168 Resp: 400158

Ion Ratio Lower Upper

168 100

99 52.1 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

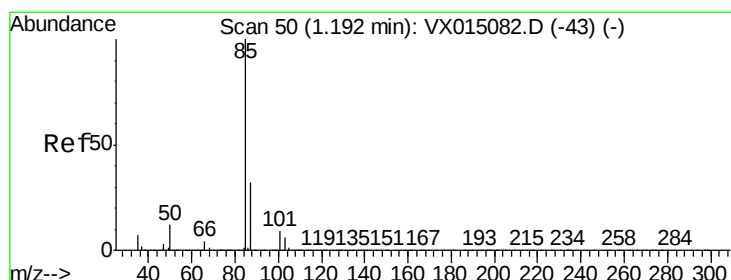
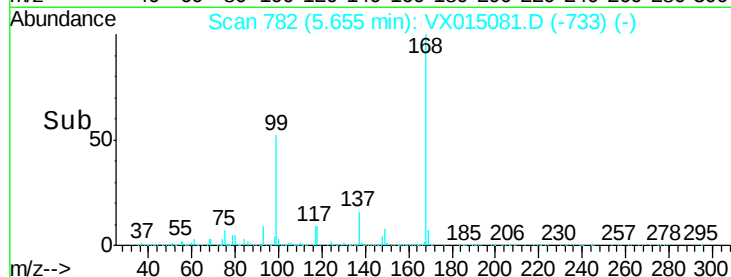
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100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 19.21 ug/l

RT: 1.19 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX015081.D

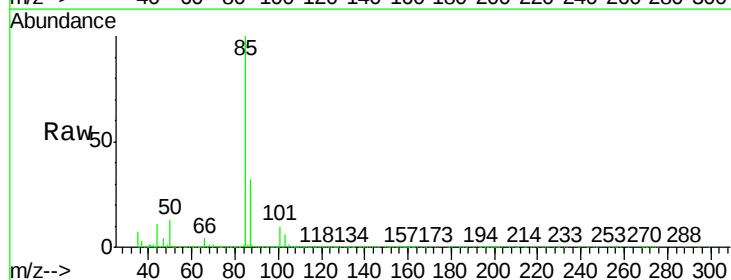
Acq: 04 Mar 2020 09:24

Tgt Ion: 85 Resp: 67329

Ion Ratio Lower Upper

85 100

87 32.2 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

80000

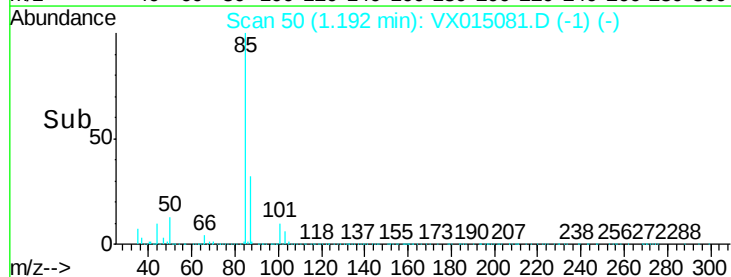
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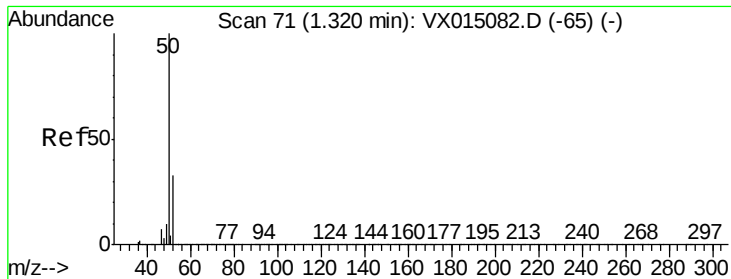
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20000

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Time-->





#3

Chloromethane

Concen: 19.53 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX015081.D

Acq: 04 Mar 2020 09:24

Instrument :

MSVOA_X

ClientSampleId :

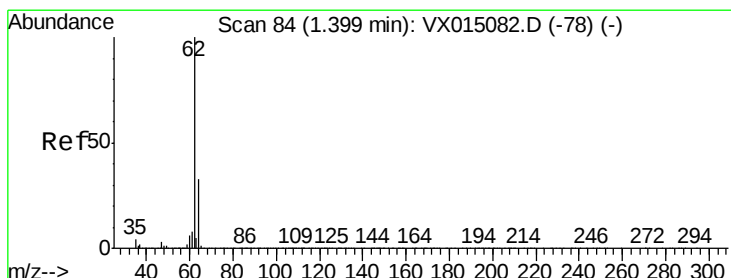
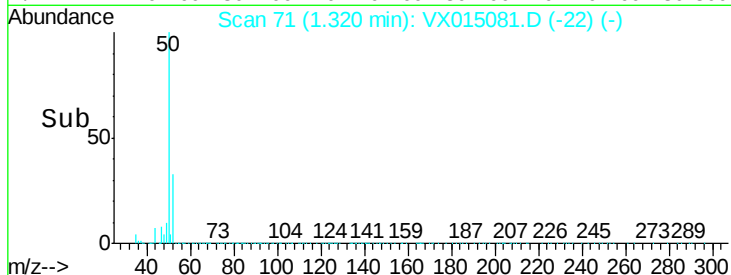
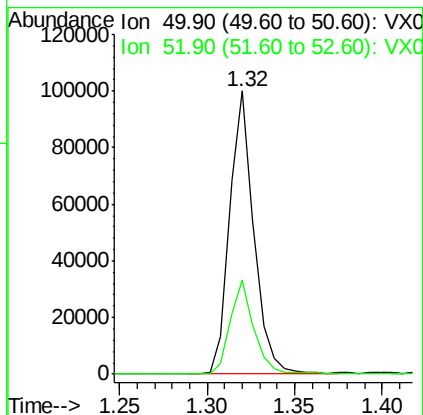
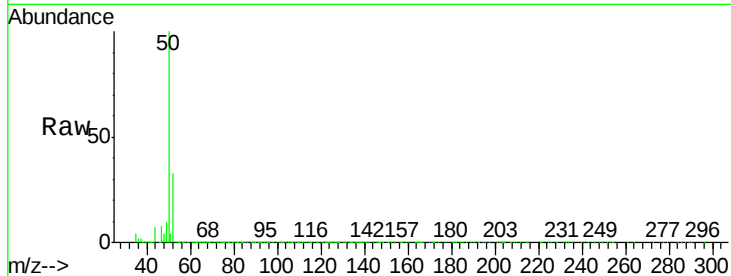
VSTDIC020

Tgt Ion: 50 Resp: 96958

Ion Ratio Lower Upper

50 100

52 33.2 26.2 39.2



#4

Vinyl Chloride

Concen: 19.51 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX015081.D

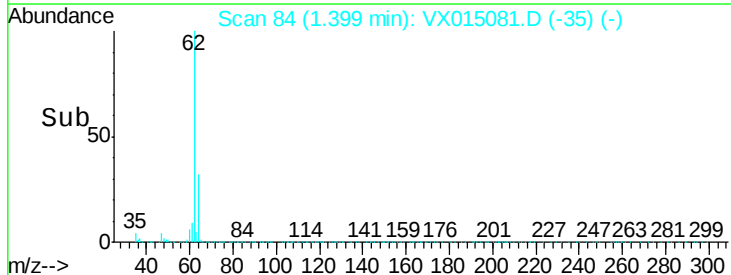
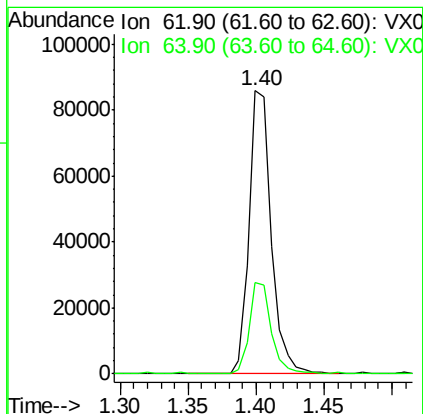
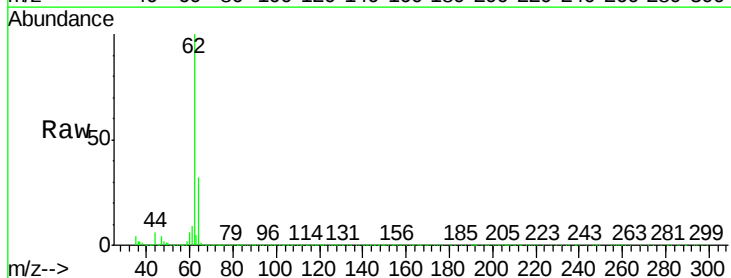
Acq: 04 Mar 2020 09:24

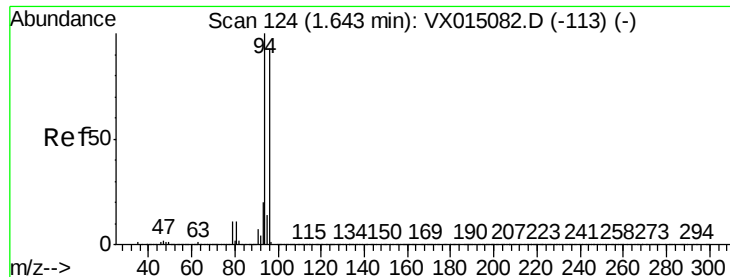
Tgt Ion: 62 Resp: 98211

Ion Ratio Lower Upper

62 100

64 31.9 26.1 39.1





#5

Bromomethane

Concen: 19.32 ug/l

RT: 1.64 min Scan# 124

Delta R.T. -0.00 min

Lab File: VX015081.D

Acq: 04 Mar 2020 09:24

Instrument :

MSVOA_X

ClientSampleId :

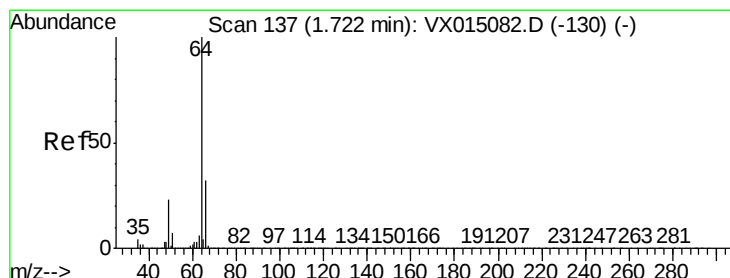
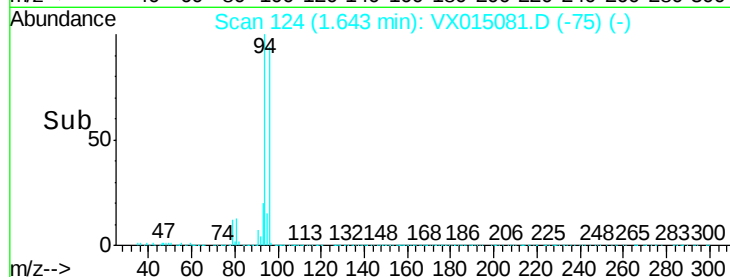
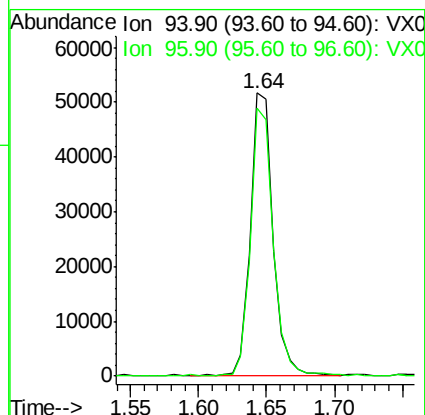
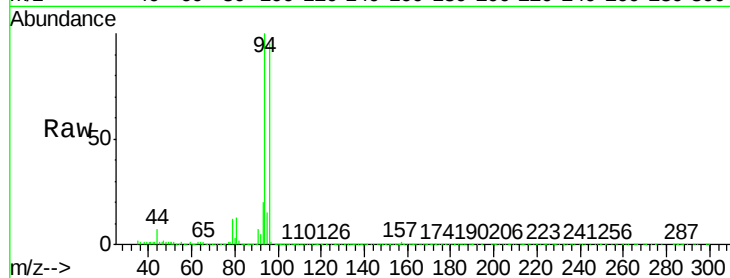
VSTDIC020

Tgt Ion: 94 Resp: 59777

Ion Ratio Lower Upper

94 100

96 94.2 74.6 111.8



#6

Chloroethane

Concen: 19.91 ug/l

RT: 1.72 min Scan# 137

Delta R.T. -0.00 min

Lab File: VX015081.D

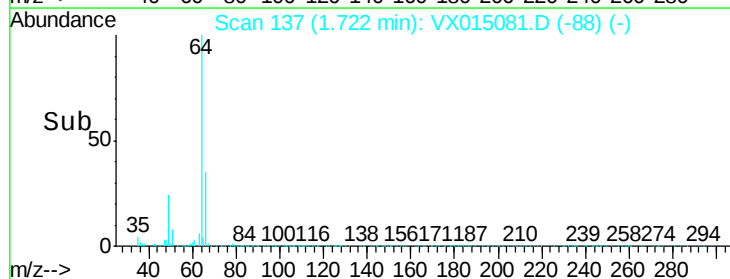
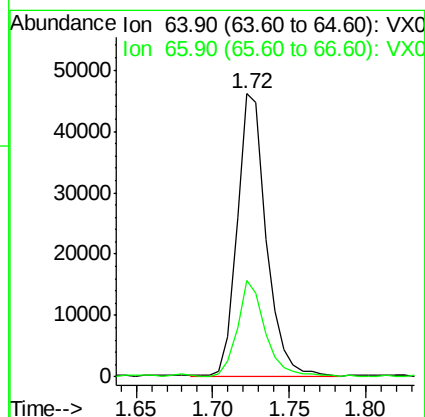
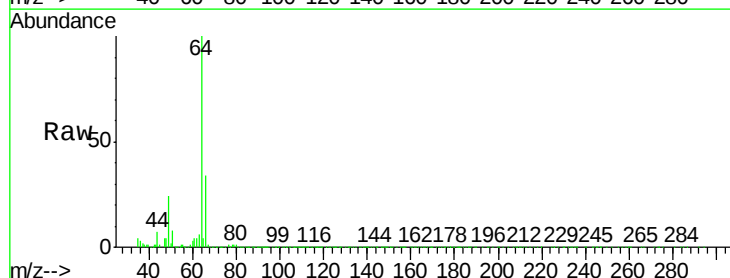
Acq: 04 Mar 2020 09:24

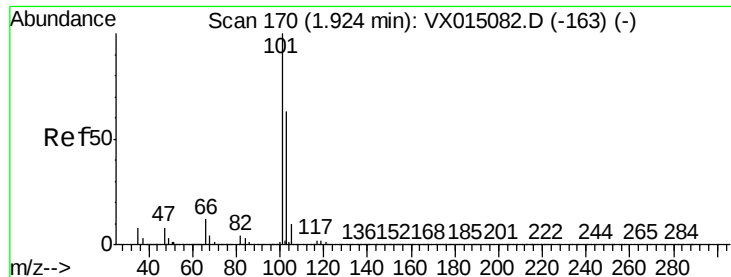
Tgt Ion: 64 Resp: 60118

Ion Ratio Lower Upper

64 100

66 33.9 25.8 38.8



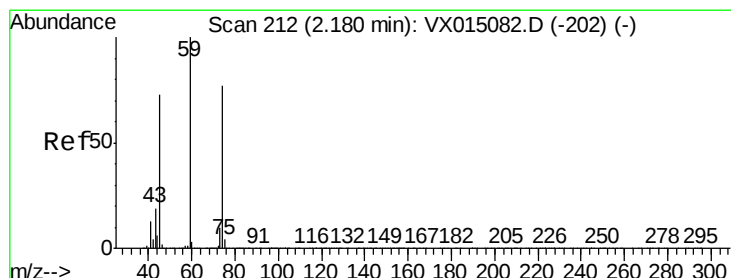
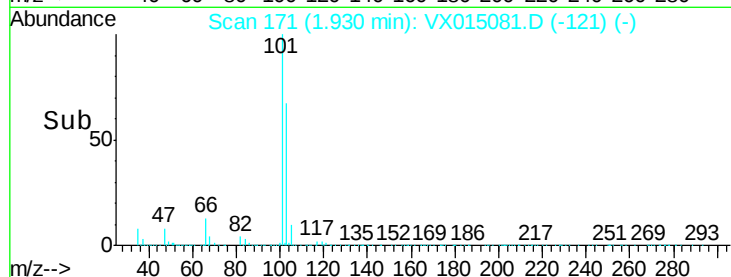
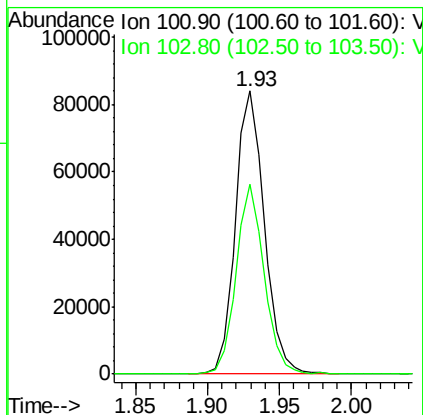
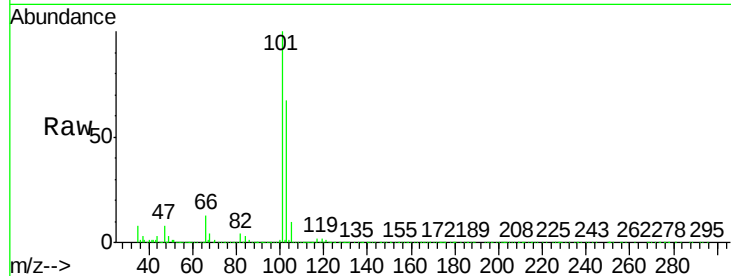


#7

Trichlorofluoromethane
Concen: 19.70 ug/l
RT: 1.93 min Scan# 171
Delta R.T. 0.01 min
Lab File: VX015081.D
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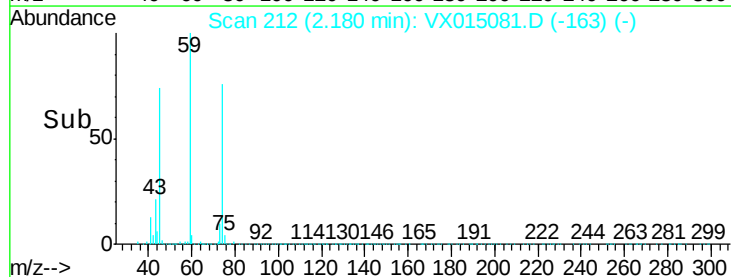
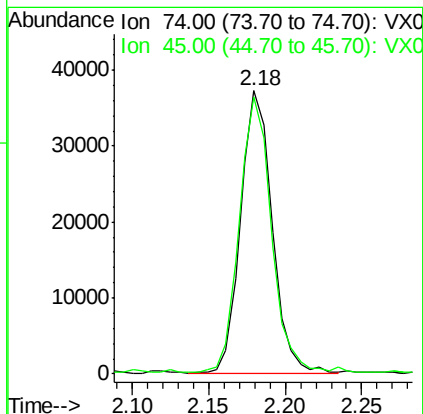
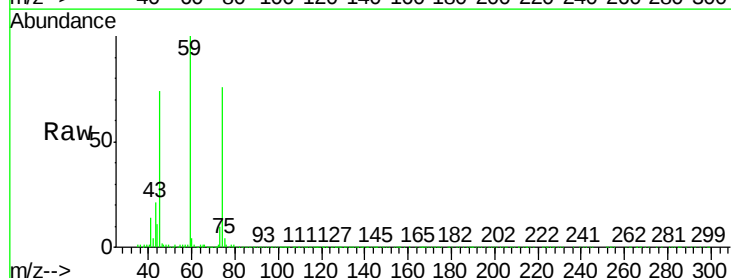
Tgt Ion:101 Resp: 117979
Ion Ratio Lower Upper
101 100
103 66.9 50.4 75.6

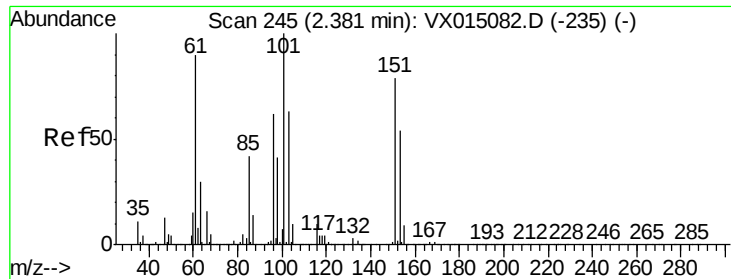


#8

Diethyl Ether
Concen: 19.26 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX015081.D
Acq: 04 Mar 2020 09:24

Tgt Ion: 74 Resp: 52805
Ion Ratio Lower Upper
74 100
45 99.6 49.2 147.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.86 ug/l

RT: 2.38 min Scan# 245

Delta R.T. -0.00 min

Lab File: VX015081.D

Acq: 04 Mar 2020 09:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

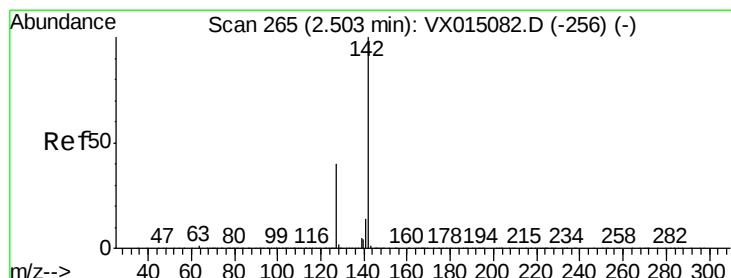
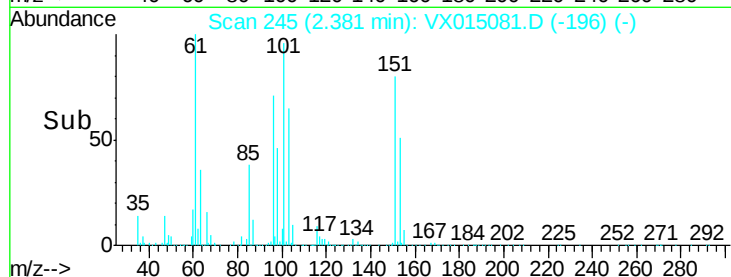
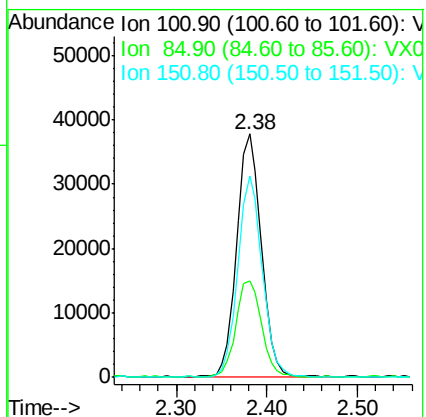
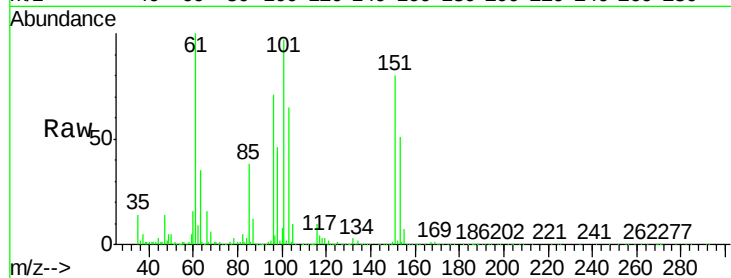
Tgt Ion:101 Resp: 71062

Ion Ratio Lower Upper

101 100

85 41.2 33.7 50.5

151 83.1 64.0 96.0



#10

Methyl Iodide

Concen: 19.06 ug/l

RT: 2.51 min Scan# 266

Delta R.T. 0.01 min

Lab File: VX015081.D

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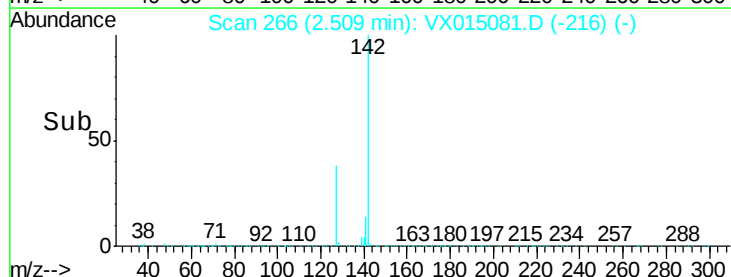
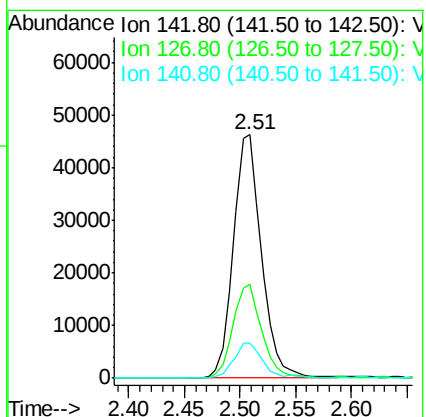
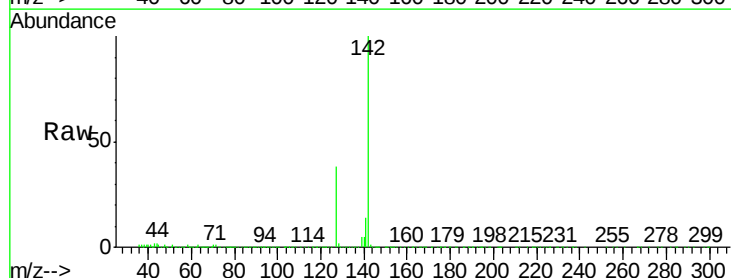
Tgt Ion:142 Resp: 81146

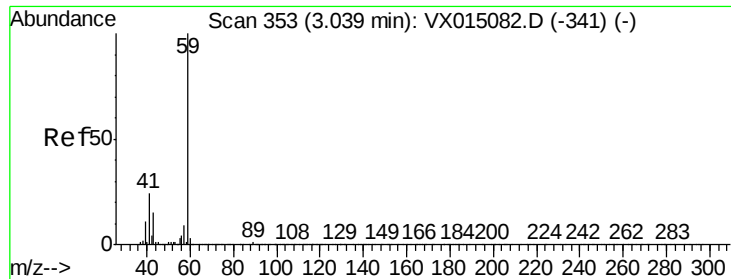
Ion Ratio Lower Upper

142 100

127 38.7 31.7 47.5

141 14.6 11.3 16.9

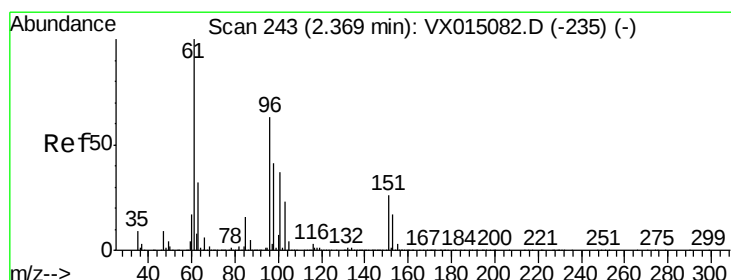
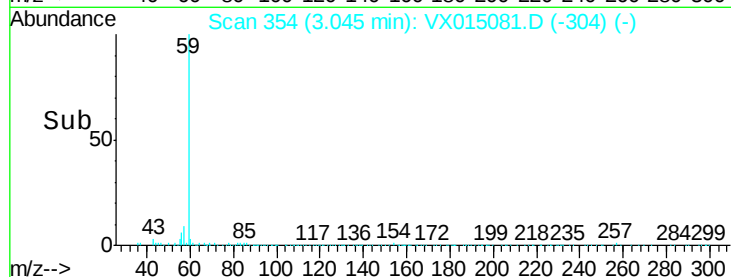
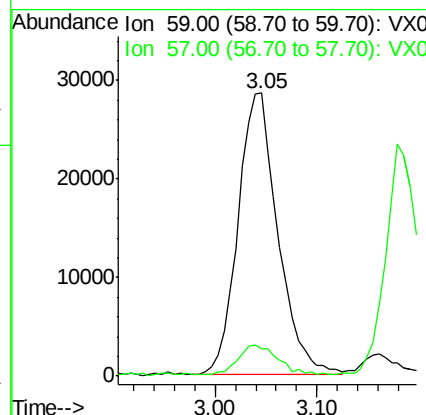
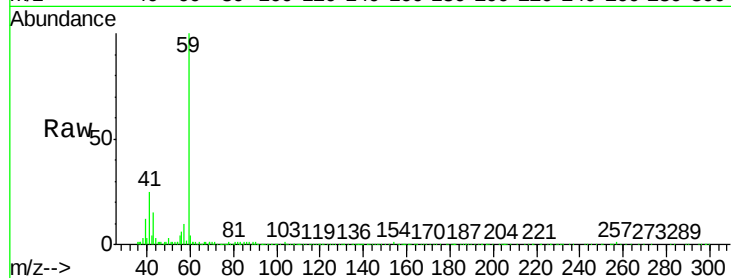




#11
Tert butyl alcohol
Concen: 94.13 ug/l
RT: 3.05 min Scan# 354
Delta R.T. 0.01 min
Lab File: VX015081.D
Acq: 04 Mar 2020 09:24

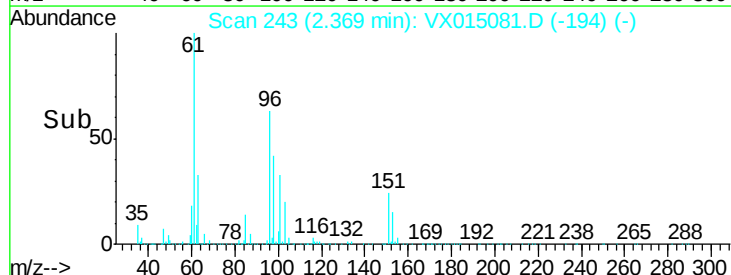
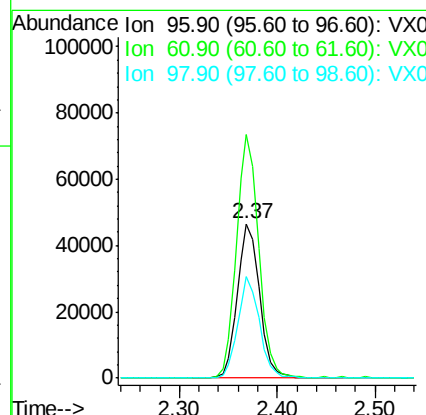
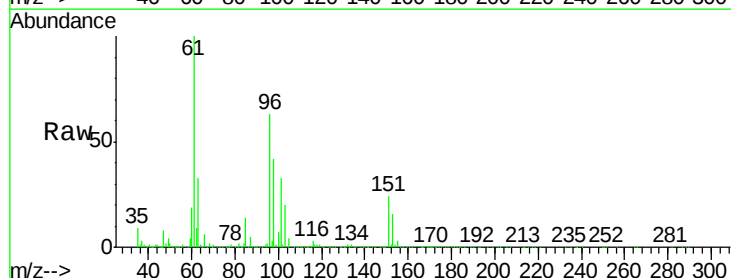
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

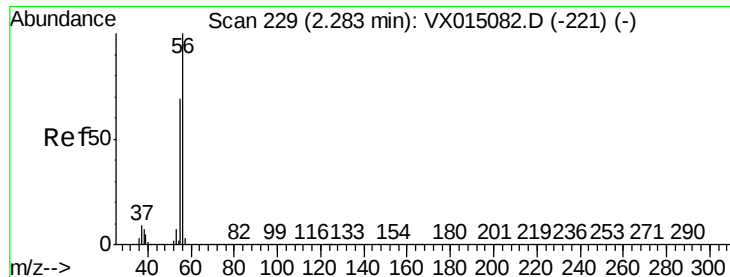
Tgt Ion: 59 Resp: 77528
Ion Ratio Lower Upper
59 100
57 10.1 8.2 12.4



#12
1,1-Dichloroethene
Concen: 18.99 ug/l
RT: 2.37 min Scan# 243
Delta R.T. -0.00 min
Lab File: VX015081.D
Acq: 04 Mar 2020 09:24

Tgt Ion: 96 Resp: 73859
Ion Ratio Lower Upper
96 100
61 157.6 126.2 189.4
98 65.5 51.4 77.0





#13

Acrolein

Concen: 92.50 ug/l

RT: 2.29 min Scan# 230

Delta R.T. 0.01 min

Lab File: VX015081.D

Acq: 04 Mar 2020 09:24

Instrument :

MSVOA_X

ClientSampleId :

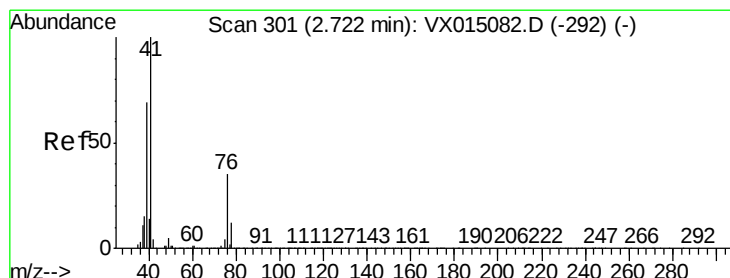
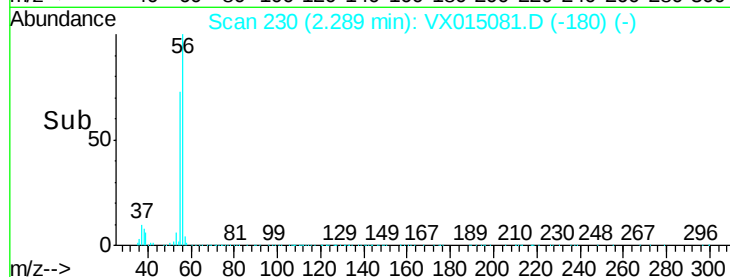
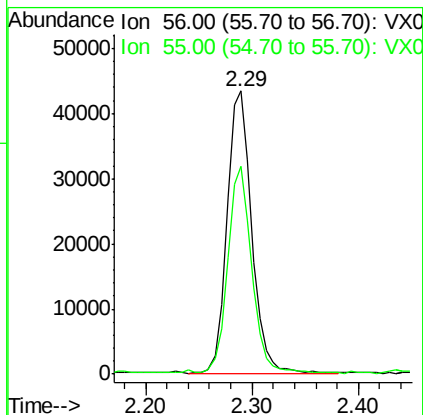
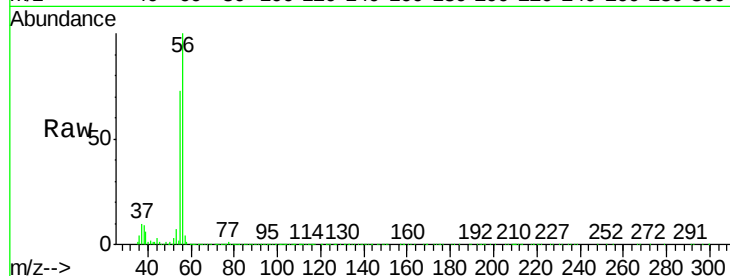
VSTDIC020

Tgt Ion: 56 Resp: 71598

Ion Ratio Lower Upper

56 100

55 68.7 55.4 83.0



#14

Allyl chloride

Concen: 19.15 ug/l

RT: 2.72 min Scan# 301

Delta R.T. -0.00 min

Lab File: VX015081.D

Acq: 04 Mar 2020 09:24

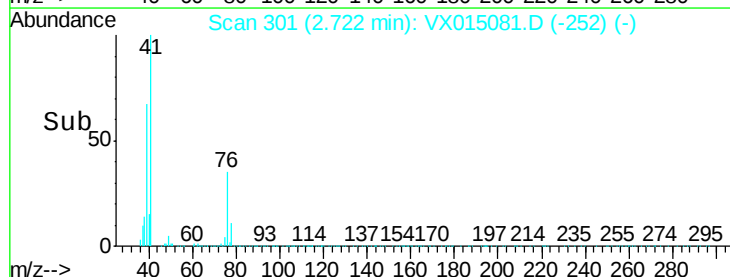
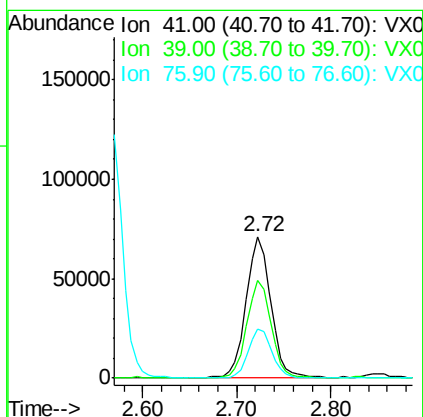
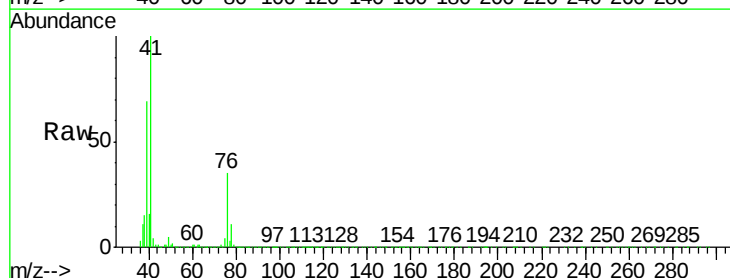
Tgt Ion: 41 Resp: 129835

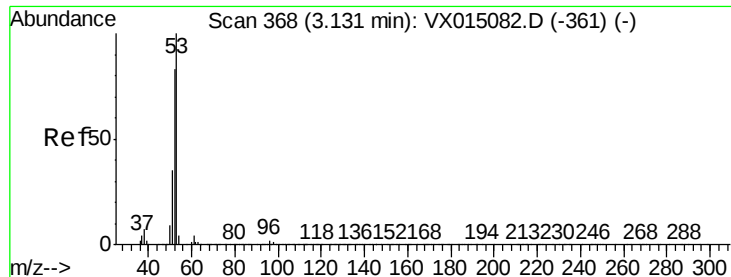
Ion Ratio Lower Upper

41 100

39 67.6 52.9 79.3

76 32.6 26.8 40.2

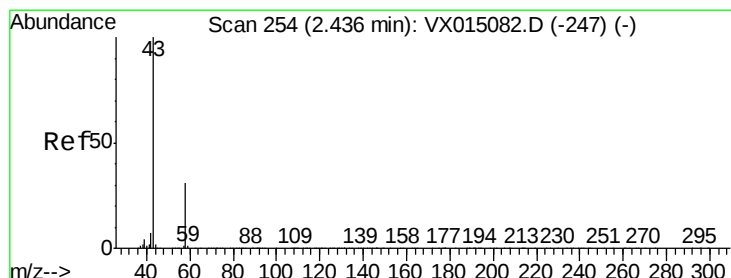
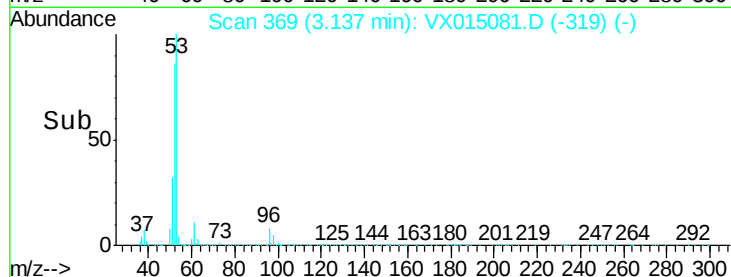
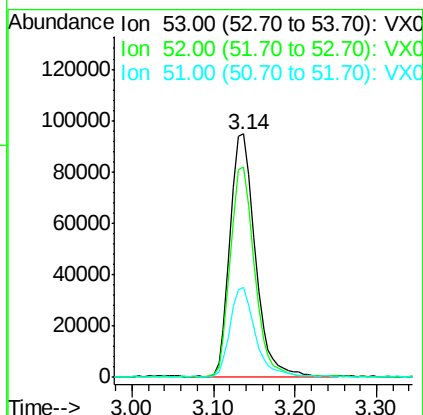
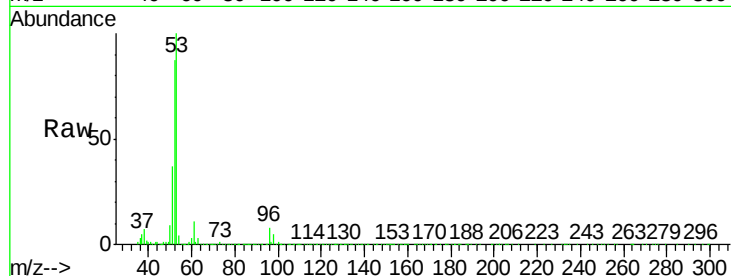




#15
Acrylonitrile
Concen: 98.04 ug/l
RT: 3.14 min Scan# 369
Delta R.T. 0.01 min
Lab File: VX015081.D
Acq: 04 Mar 2020 09:24

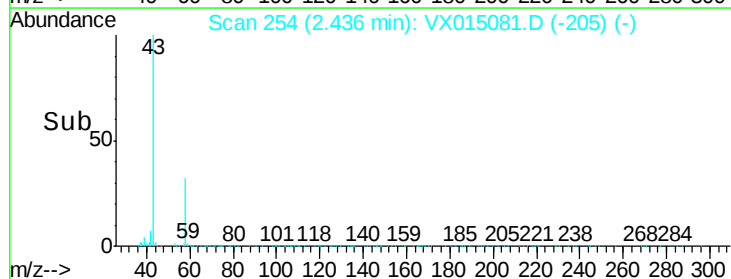
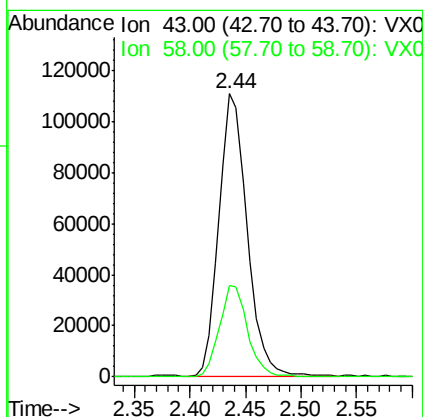
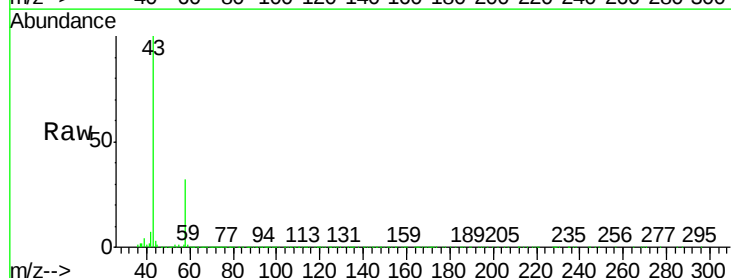
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

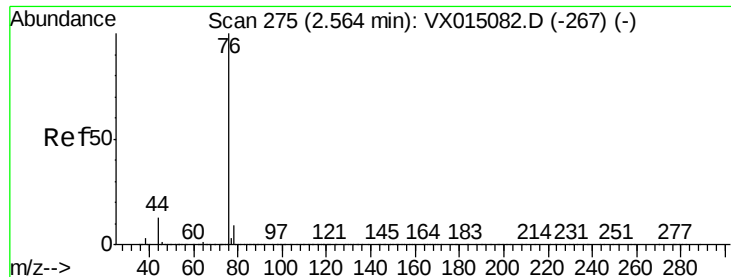
Tgt Ion: 53 Resp: 201103
Ion Ratio Lower Upper
53 100
52 83.2 66.6 100.0
51 36.8 29.0 43.6



#16
Acetone
Concen: 100.62 ug/l
RT: 2.44 min Scan# 254
Delta R.T. -0.00 min
Lab File: VX015081.D
Acq: 04 Mar 2020 09:24

Tgt Ion: 43 Resp: 193445
Ion Ratio Lower Upper
43 100
58 32.1 24.8 37.2





#17

Carbon Disulfide

Concen: 19.25 ug/l

RT: 2.56 min Scan# 275

Delta R.T. -0.00 min

Lab File: VX015081.D

Acq: 04 Mar 2020 09:24

Instrument :

MSVOA_X

ClientSampleId :

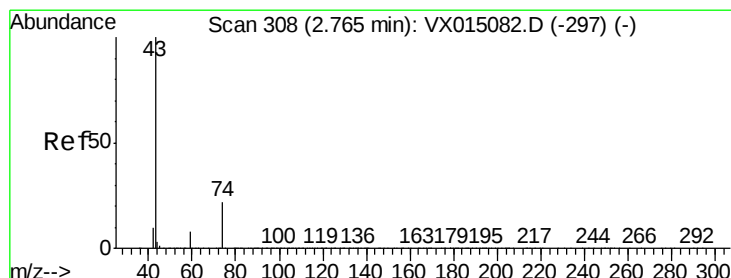
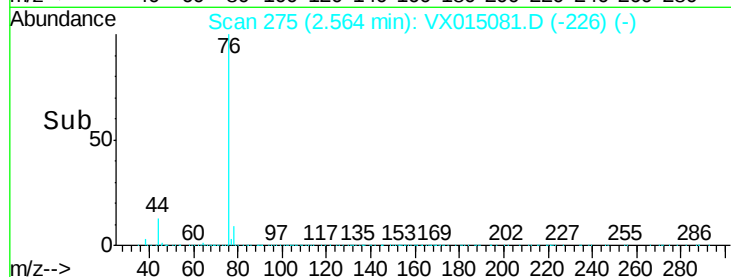
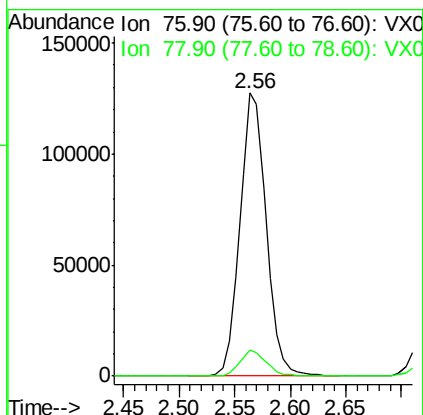
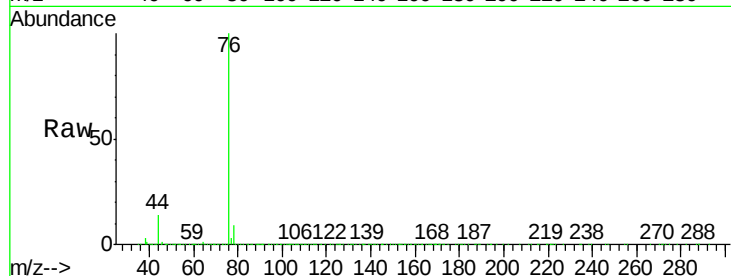
VSTDIC020

Tgt Ion: 76 Resp: 207922

Ion Ratio Lower Upper

76 100

78 8.9 7.3 10.9



#18

Methyl Acetate

Concen: 18.63 ug/l

RT: 2.76 min Scan# 308

Delta R.T. -0.00 min

Lab File: VX015081.D

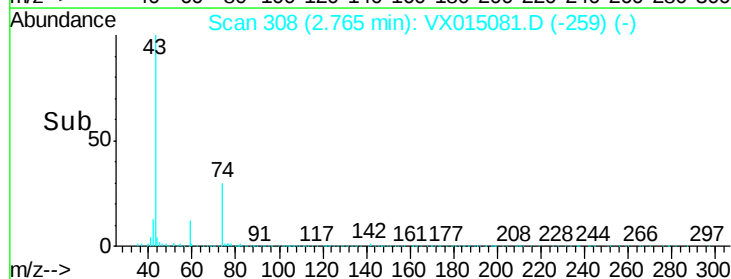
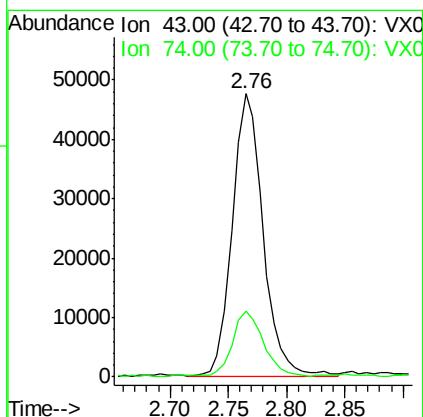
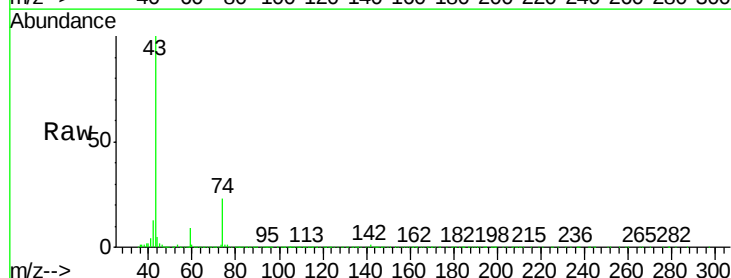
Acq: 04 Mar 2020 09:24

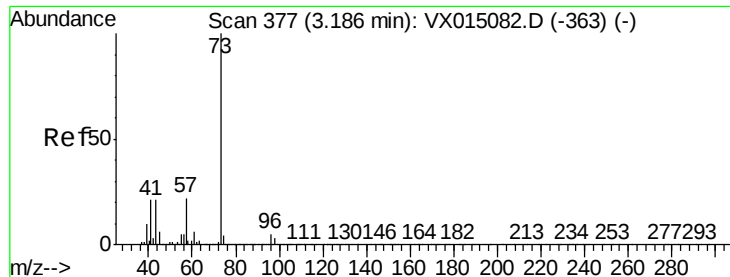
Tgt Ion: 43 Resp: 87580

Ion Ratio Lower Upper

43 100

74 23.4 18.8 28.2





#19

Methyl tert-butyl Ether

Concen: 19.82 ug/l

RT: 3.19 min Scan# 377

Delta R.T. -0.00 min

Lab File: VX015081.D

Acq: 04 Mar 2020 09:24

Instrument :

MSVOA_X

ClientSampleId :

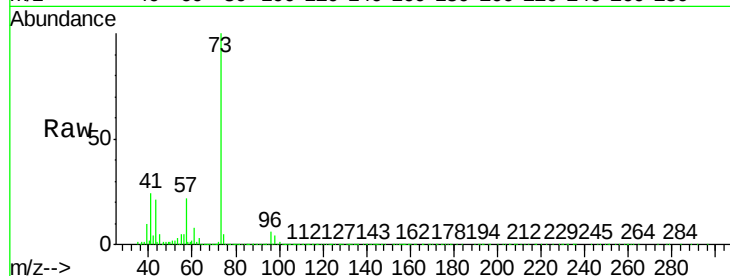
VSTDIC020

Tgt Ion: 73 Resp: 240813

Ion Ratio Lower Upper

73 100

57 21.5 17.8 26.6



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

120000

100000

80000

60000

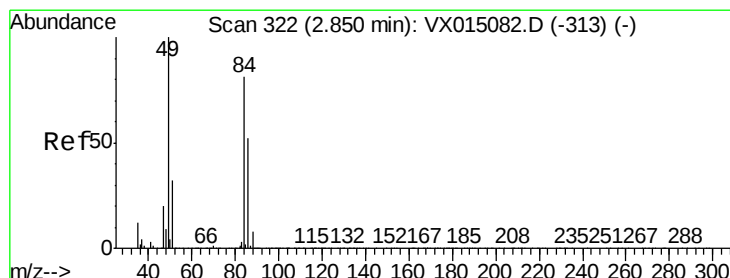
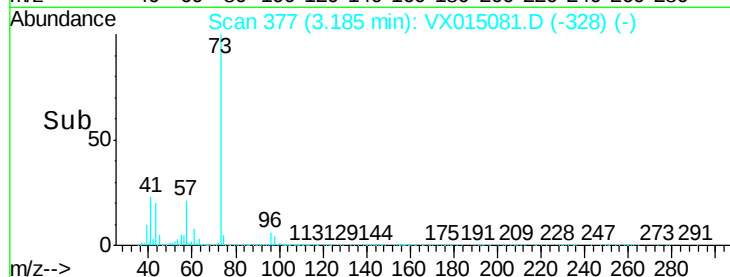
40000

20000

0

3.10 3.20 3.30

Time-->



#20

Methylene Chloride

Concen: 18.52 ug/l

RT: 2.85 min Scan# 322

Delta R.T. -0.00 min

Lab File: VX015081.D

Acq: 04 Mar 2020 09:24

Tgt Ion: 84 Resp: 83310

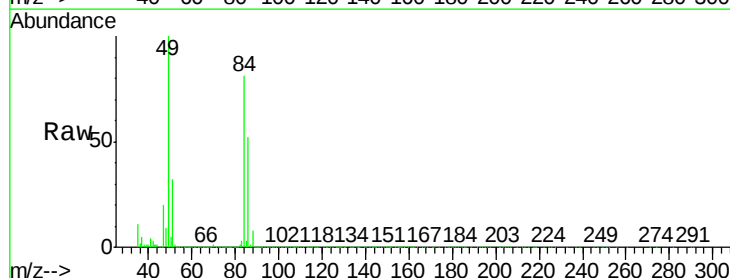
Ion Ratio Lower Upper

84 100

49 123.3 99.4 149.2

51 38.8 31.5 47.3

86 63.3 51.6 77.4



Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

80000

60000

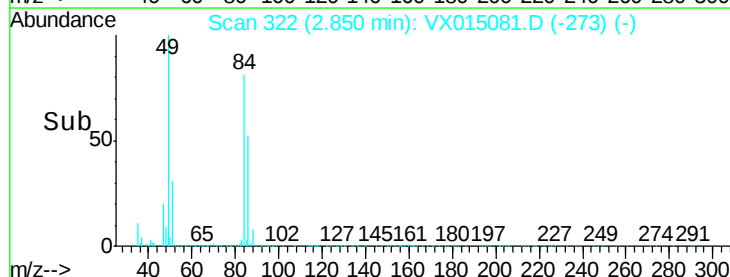
40000

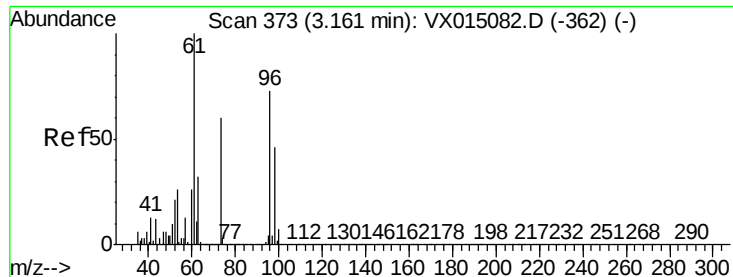
20000

0

2.75 2.80 2.85 2.90 2.95

Time-->





#21

trans-1,2-Dichloroethene

Concen: 19.10 ug/l

RT: 3.16 min Scan# 373

Delta R.T. -0.00 min

Lab File: VX015081.D

Acq: 04 Mar 2020 09:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

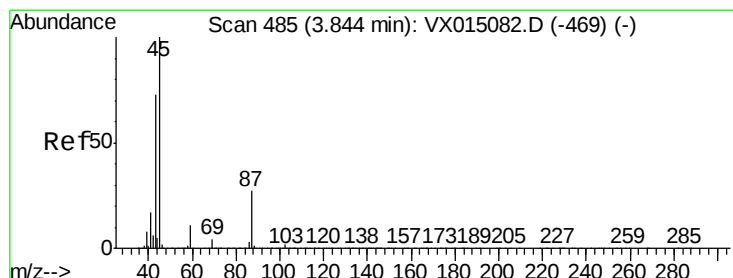
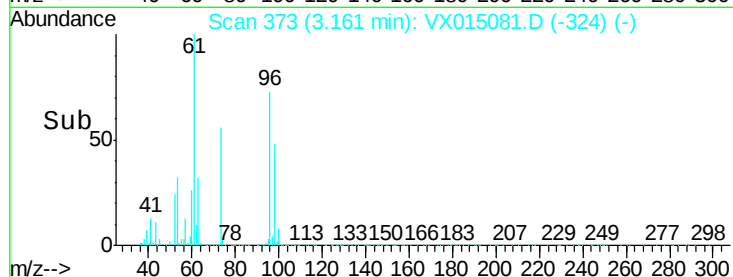
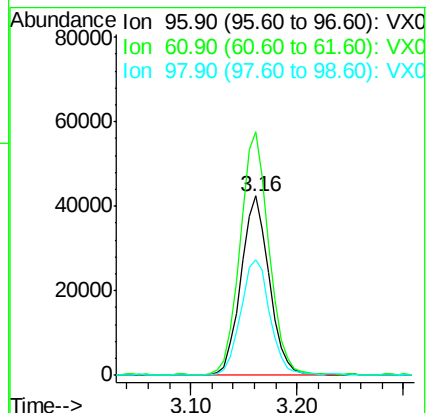
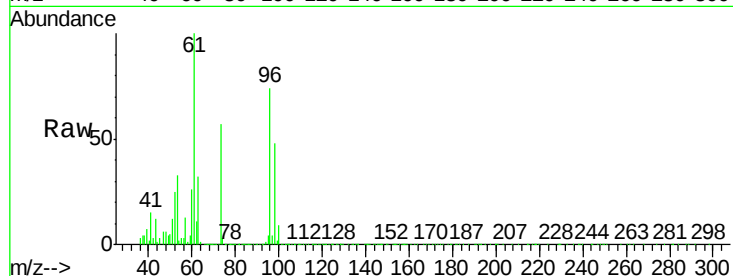
Tgt Ion: 96 Resp: 79316

Ion Ratio Lower Upper

96 100

61 135.8 109.9 164.9

98 64.9 50.2 75.2



#22

Diisopropyl ether

Concen: 19.87 ug/l

RT: 3.84 min Scan# 485

Delta R.T. -0.00 min

Lab File: VX015081.D

Acq: 04 Mar 2020 09:24

Tgt Ion: 45 Resp: 268472

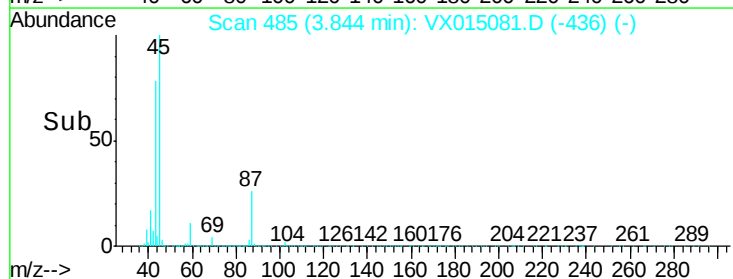
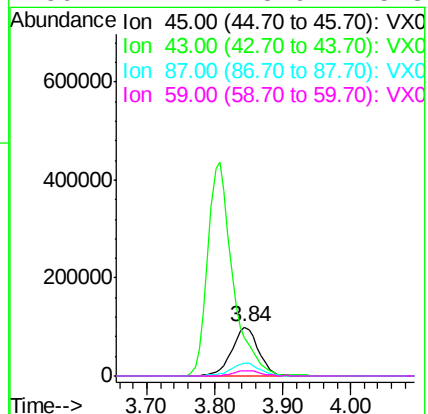
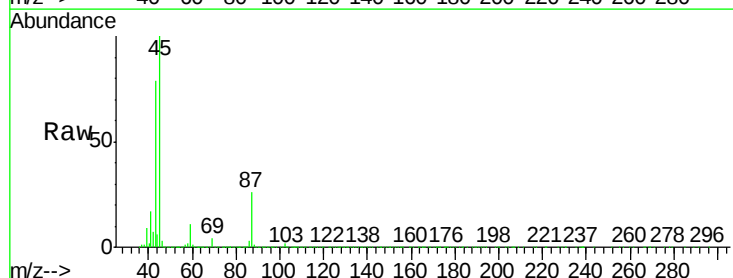
Ion Ratio Lower Upper

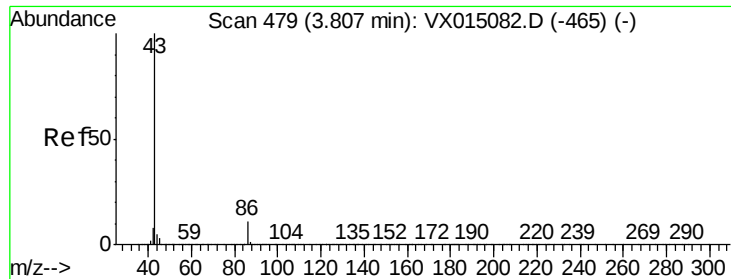
45 100

43 77.9 58.2 87.2

87 25.4 21.2 31.8

59 11.2 8.9 13.3





#23

Vinyl Acetate

Concen: 100.71 ug/l

RT: 3.81 min Scan# 479

Delta R.T. -0.00 min

Lab File: VX015081.D

Acq: 04 Mar 2020 09:24

Instrument :

MSVOA_X

ClientSampleId :

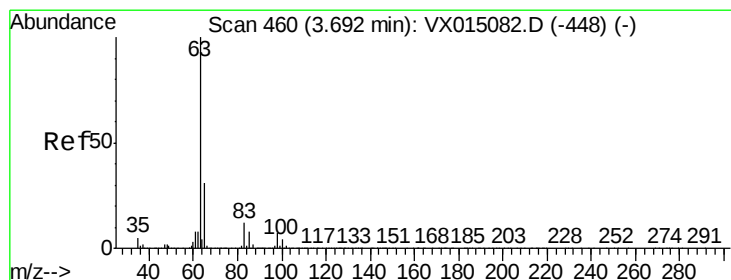
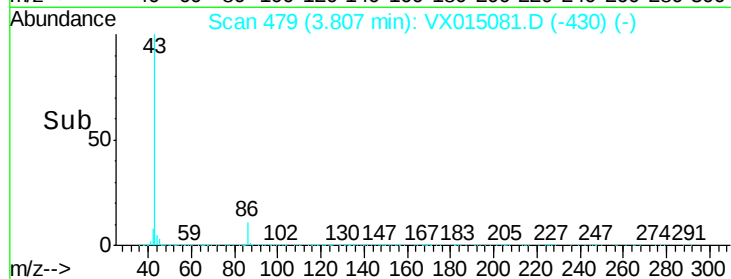
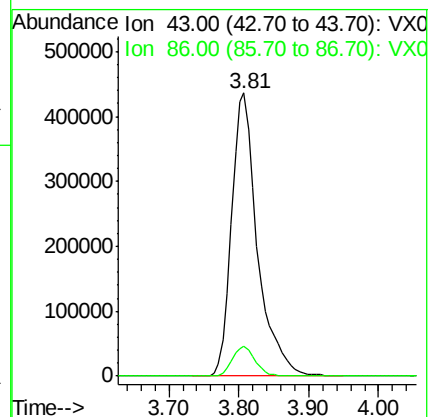
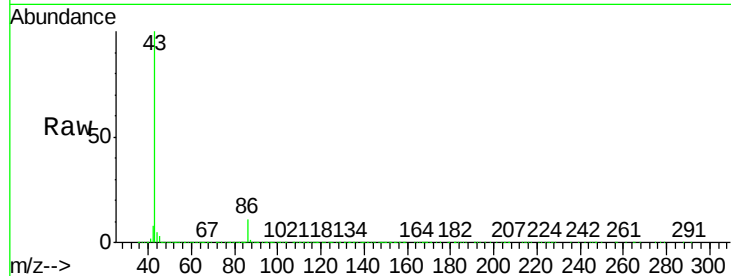
VSTDIC020

Tgt Ion: 43 Resp: 1118345

Ion Ratio Lower Upper

43 100

86 10.7 8.6 12.8



#24

1,1-Dichloroethane

Concen: 19.61 ug/l

RT: 3.69 min Scan# 460

Delta R.T. -0.00 min

Lab File: VX015081.D

Acq: 04 Mar 2020 09:24

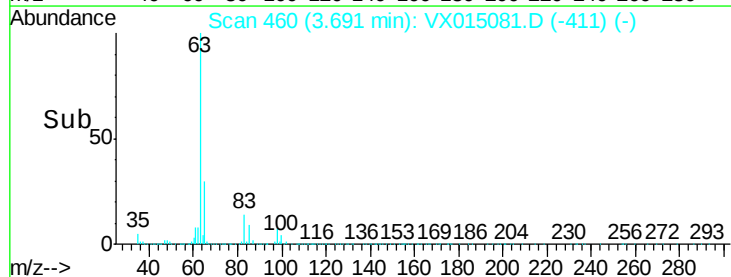
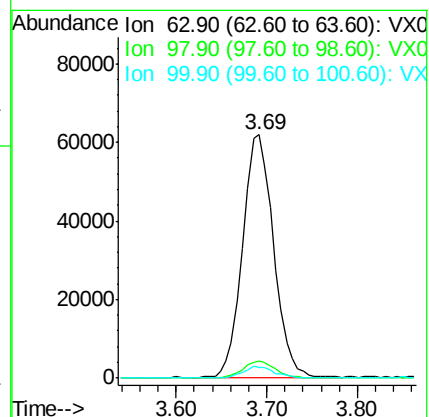
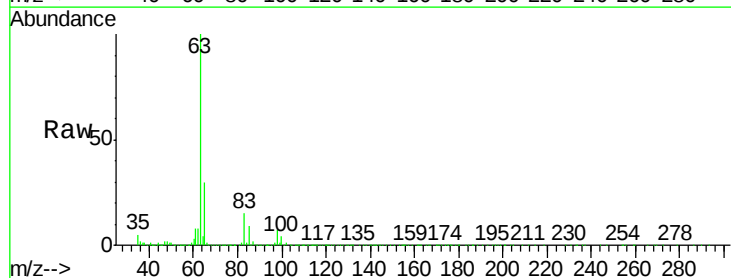
Tgt Ion: 63 Resp: 147034

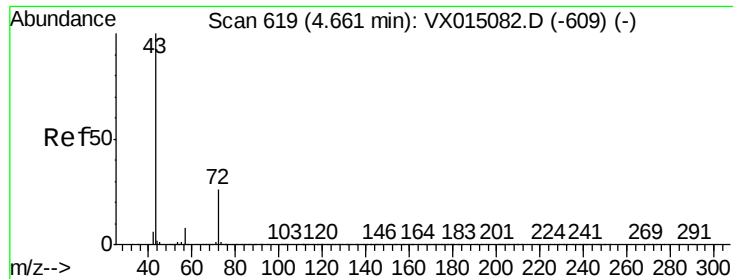
Ion Ratio Lower Upper

63 100

98 6.8 3.7 11.1

100 4.0 2.1 6.5





#25

2-Butanone

Concen: 102.31 ug/l

RT: 4.66 min Scan# 619

Delta R.T. -0.00 min

Lab File: VX015081.D

Acq: 04 Mar 2020 09:24

Instrument :

MSVOA_X

ClientSampleId :

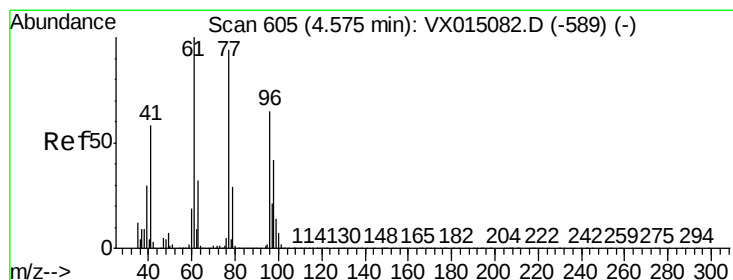
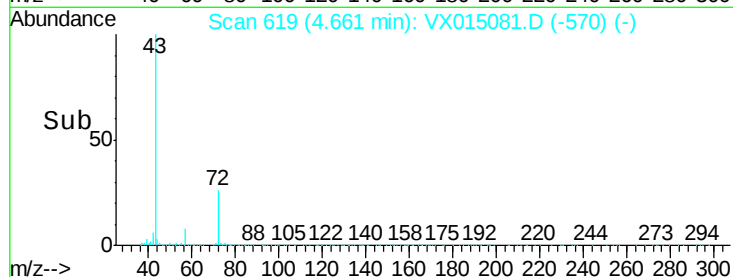
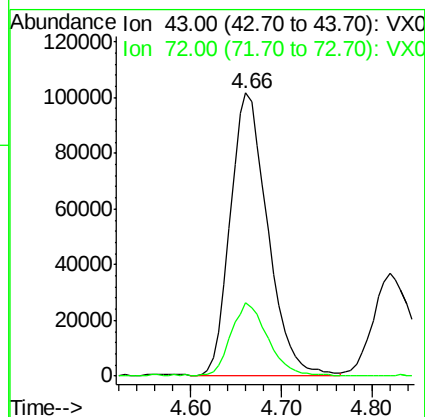
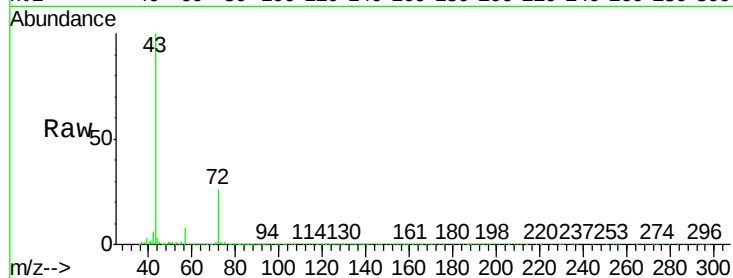
VSTDIC020

Tgt Ion: 43 Resp: 287972

Ion Ratio Lower Upper

43 100

72 25.7 20.6 30.8



#26

2,2-Dichloropropane

Concen: 19.31 ug/l

RT: 4.58 min Scan# 605

Delta R.T. -0.00 min

Lab File: VX015081.D

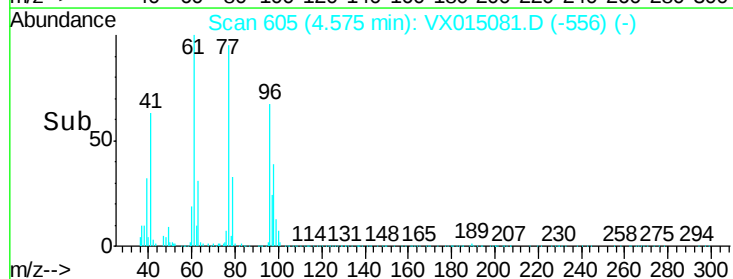
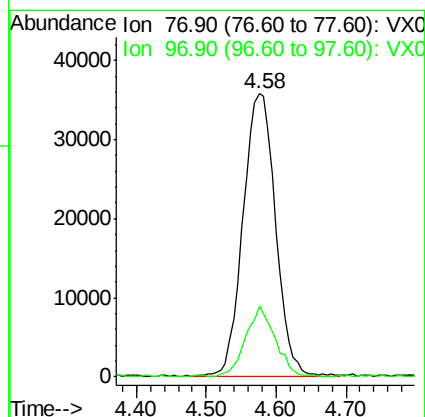
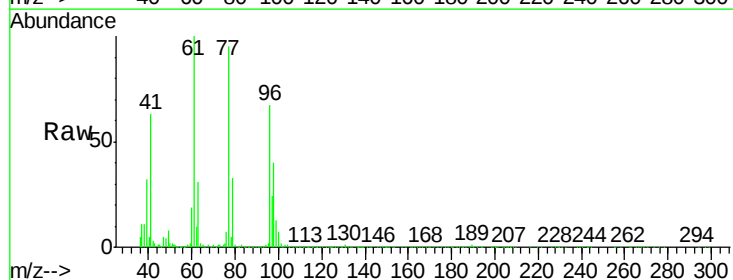
Acq: 04 Mar 2020 09:24

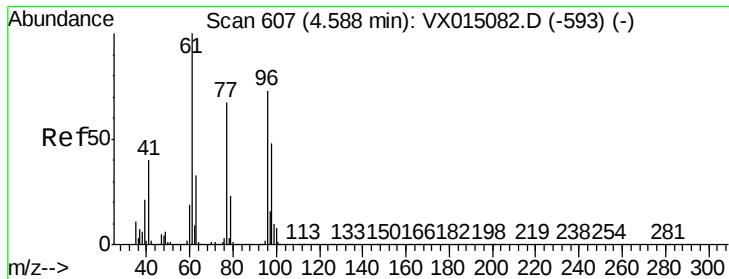
Tgt Ion: 77 Resp: 114905

Ion Ratio Lower Upper

77 100

97 22.2 11.8 35.4



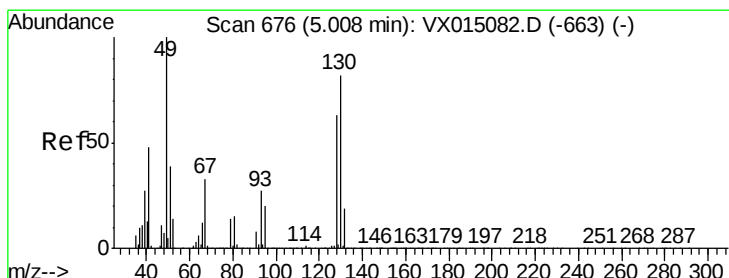
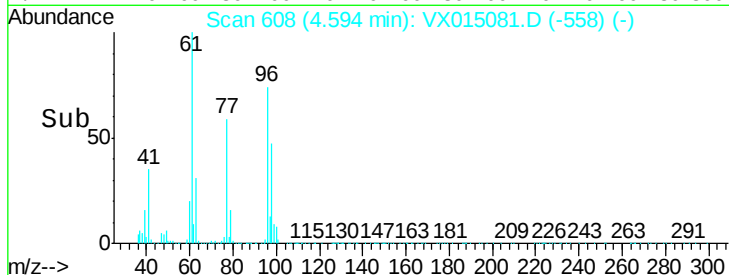
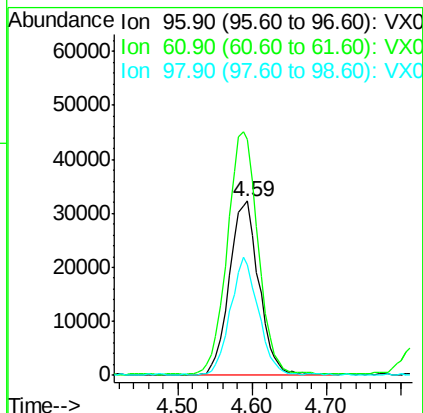
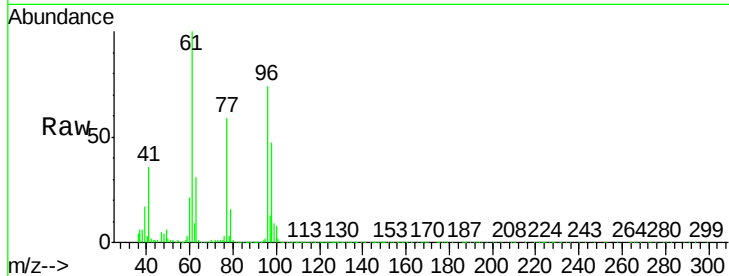


#27

cis-1,2-Dichloroethene
Concen: 19.29 ug/l
RT: 4.59 min Scan# 608
Delta R.T. 0.01 min
Lab File: VX015081.D
Acq: 04 Mar 2020 09:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

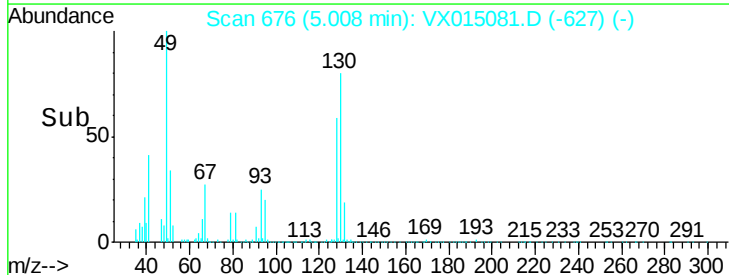
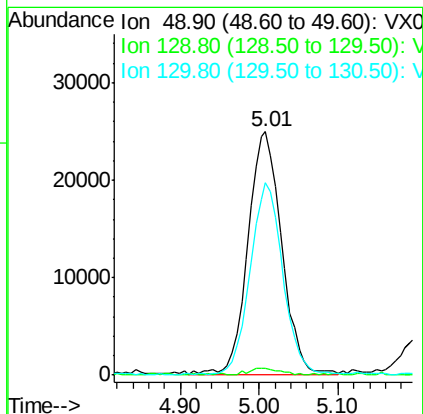
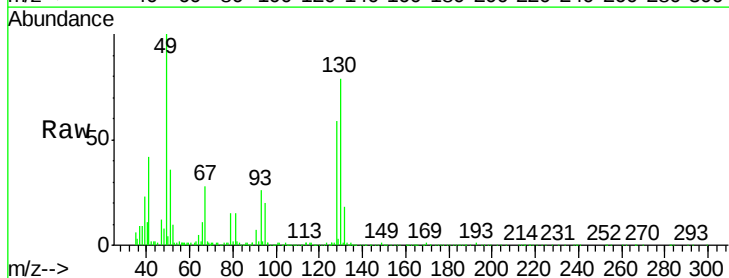
Tgt Ion: 96 Resp: 89874
Ion Ratio Lower Upper
96 100
61 147.0 0.0 286.8
98 63.4 0.0 128.4

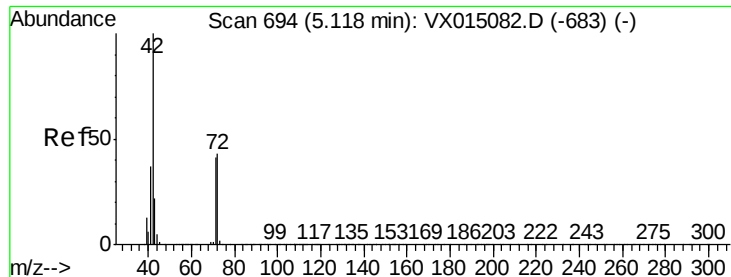


#28

Bromochloromethane
Concen: 21.83 ug/l
RT: 5.01 min Scan# 676
Delta R.T. -0.00 min
Lab File: VX015081.D
Acq: 04 Mar 2020 09:24

Tgt Ion: 49 Resp: 74527
Ion Ratio Lower Upper
49 100
129 2.6 0.0 4.4
130 75.8 65.0 97.6





#29

Tetrahydrofuran

Concen: 98.46 ug/l

RT: 5.12 min Scan# 694

Delta R.T. -0.00 min

Lab File: VX015081.D

Acq: 04 Mar 2020 09:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

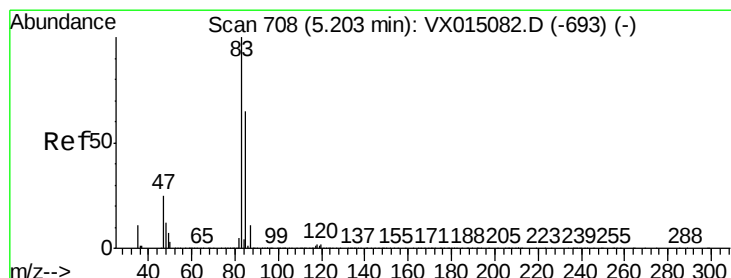
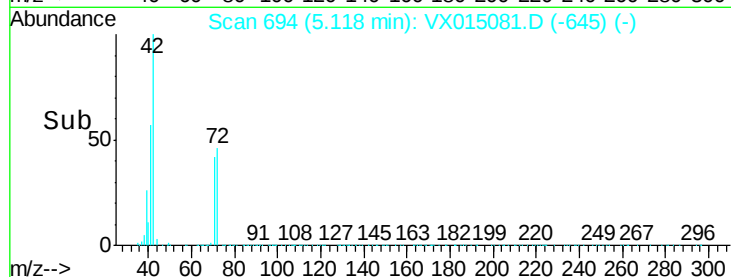
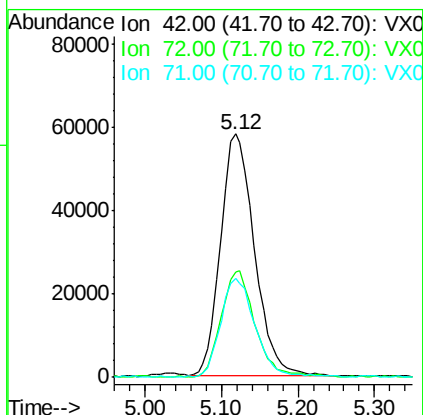
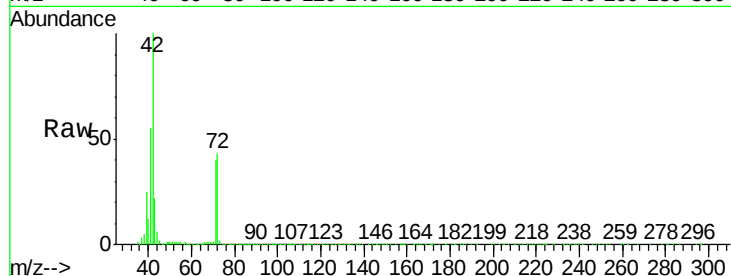
Tgt Ion: 42 Resp: 178649

Ion Ratio Lower Upper

42 100

72 43.6 36.4 54.6

71 41.3 33.3 49.9



#30

Chloroform

Concen: 19.33 ug/l

RT: 5.20 min Scan# 708

Delta R.T. -0.00 min

Lab File: VX015081.D

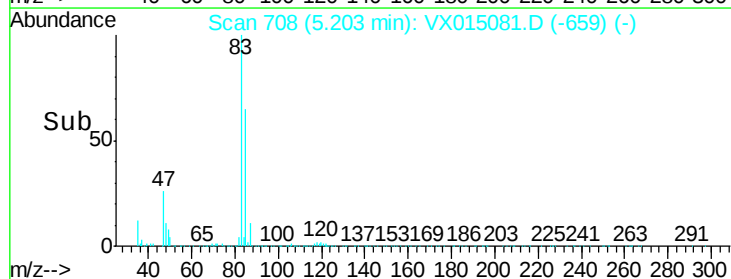
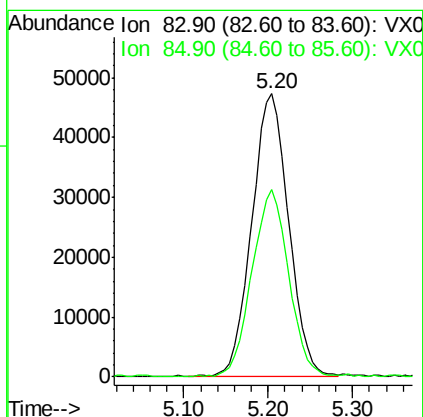
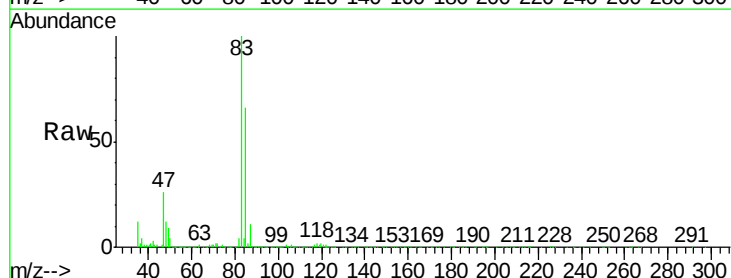
Acq: 04 Mar 2020 09:24

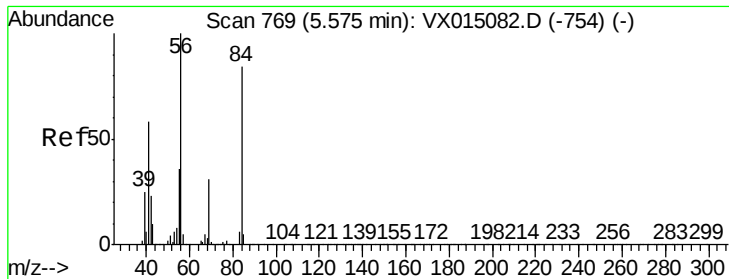
Tgt Ion: 83 Resp: 141291

Ion Ratio Lower Upper

83 100

85 66.0 52.0 78.0

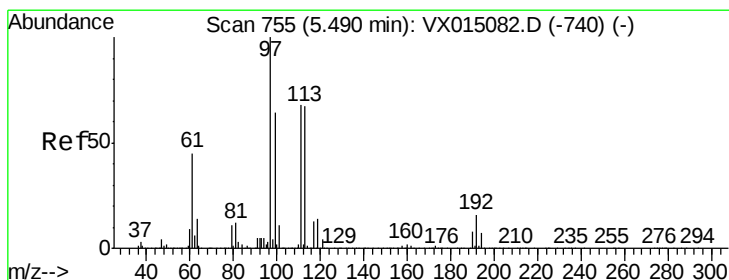
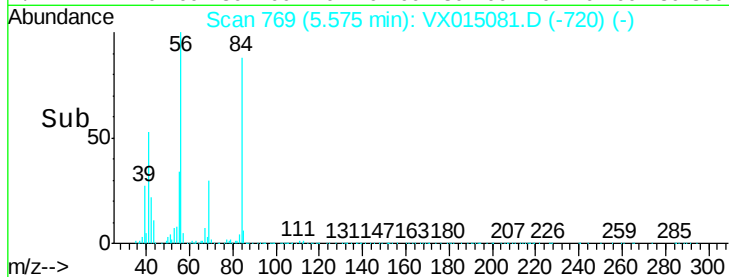
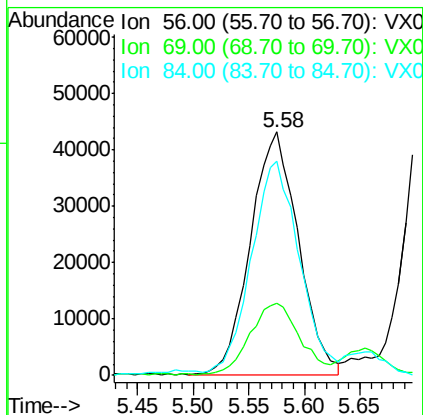
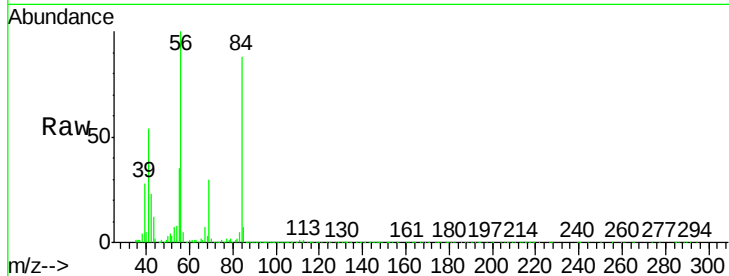




#31
Cyclohexane
Concen: 19.17 ug/l
RT: 5.58 min Scan# 769
Delta R.T. -0.00 min
Lab File: VX015081.D
Acq: 04 Mar 2020 09:24

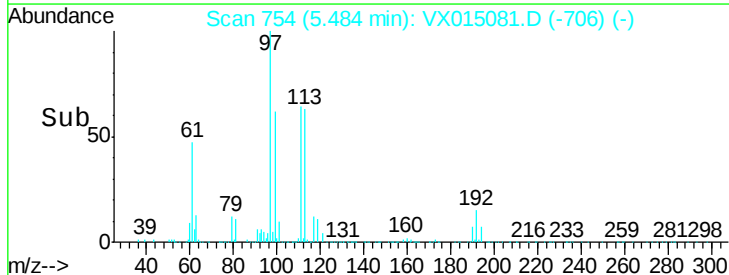
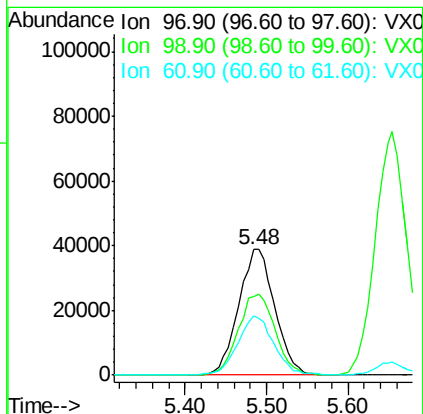
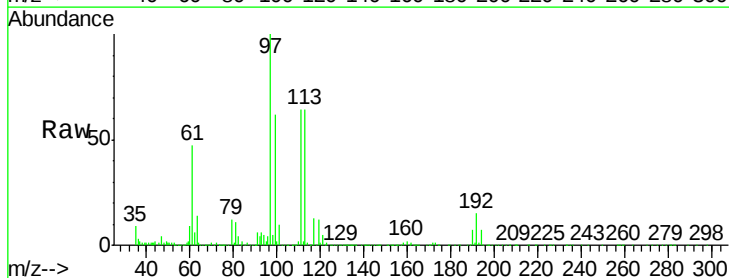
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

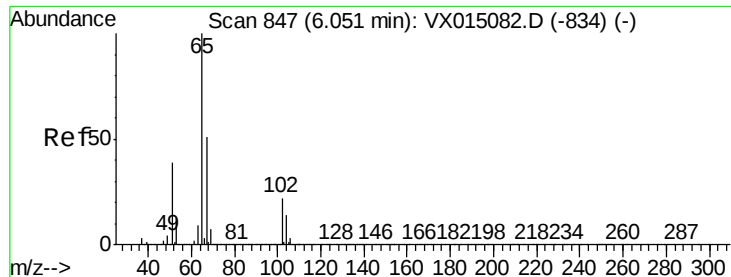
Tgt Ion: 56 Resp: 128173
Ion Ratio Lower Upper
56 100
69 29.1 25.0 37.6
84 86.6 67.6 101.4



#32
1,1,1-Trichloroethane
Concen: 19.59 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX015081.D
Acq: 04 Mar 2020 09:24

Tgt Ion: 97 Resp: 118669
Ion Ratio Lower Upper
97 100
99 66.3 52.8 79.2
61 46.3 36.6 54.8





#33

1,2-Dichloroethane-d4

Concen: 19.57 ug/l

RT: 6.06 min Scan# 848

Delta R.T. 0.01 min

Lab File: VX015081.D

Acq: 04 Mar 2020 09:24

Instrument :

MSVOA_X

ClientSampleId :

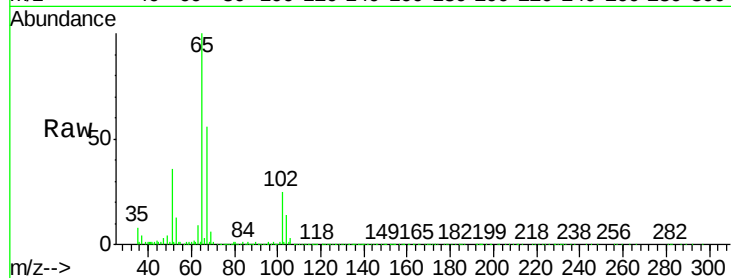
VSTDIC020

Tgt Ion: 65 Resp: 92925

Ion Ratio Lower Upper

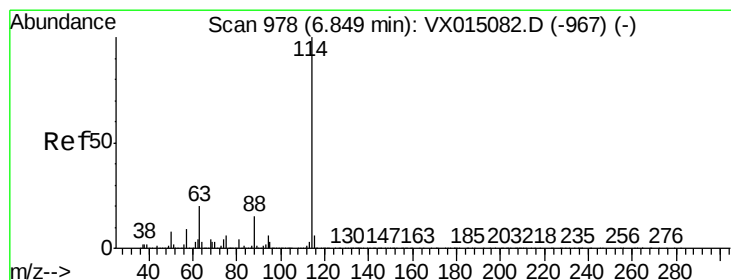
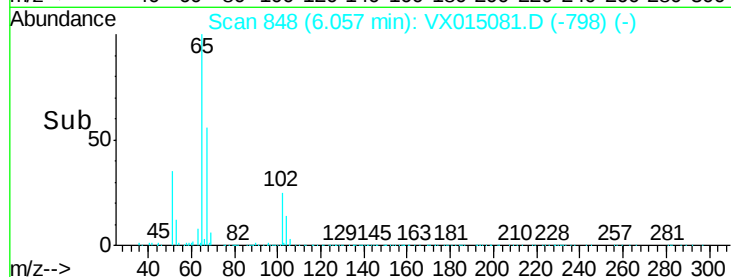
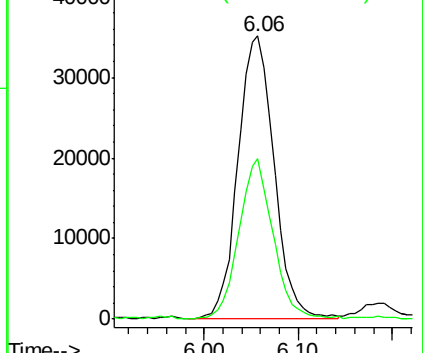
65 100

67 53.7 0.0 105.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.86 min Scan# 979

Delta R.T. 0.01 min

Lab File: VX015081.D

Acq: 04 Mar 2020 09:24

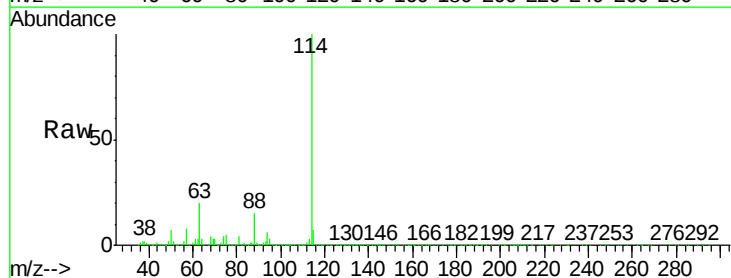
Tgt Ion: 114 Resp: 609320

Ion Ratio Lower Upper

114 100

63 19.4 0.0 40.0

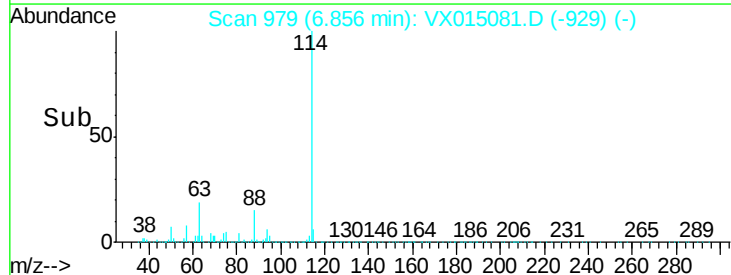
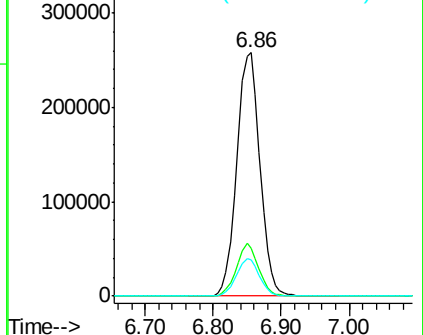
88 15.1 0.0 30.6

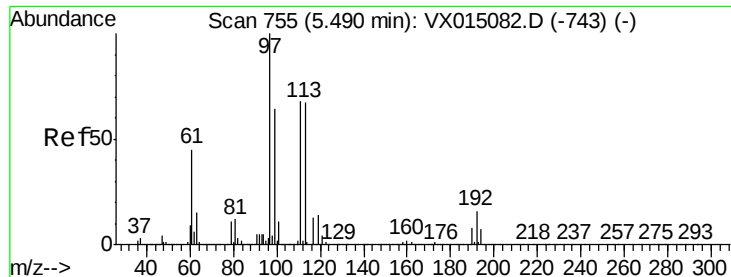


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 19.59 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX015081.D

Acq: 04 Mar 2020 09:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

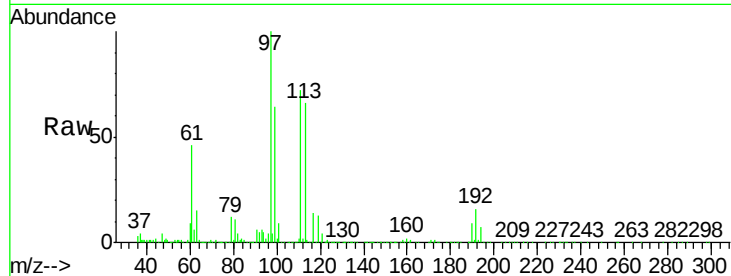
Tgt Ion:113 Resp: 75308

Ion Ratio Lower Upper

113 100

111 104.5 82.6 123.8

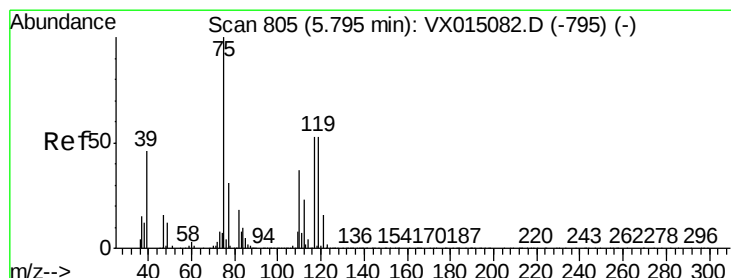
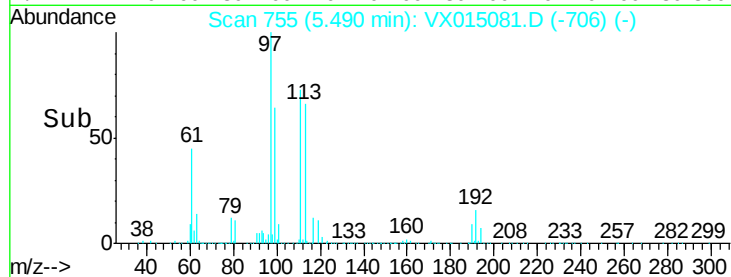
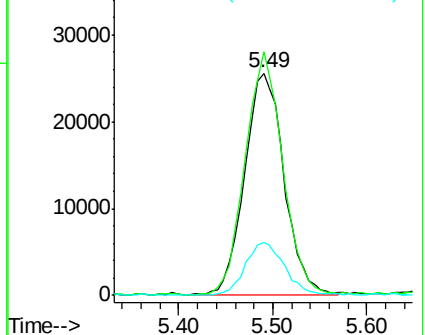
192 23.8 18.6 28.0



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 19.28 ug/l

RT: 5.79 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX015081.D

Acq: 04 Mar 2020 09:24

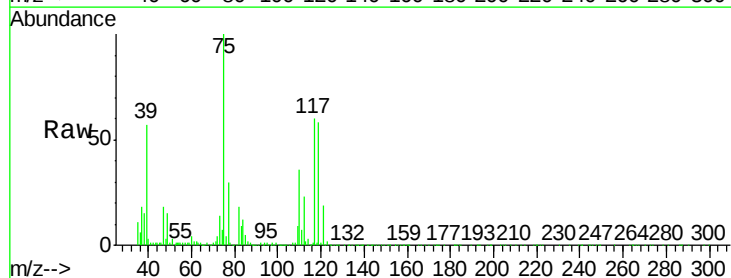
Tgt Ion: 75 Resp: 108659

Ion Ratio Lower Upper

75 100

110 36.8 17.9 53.8

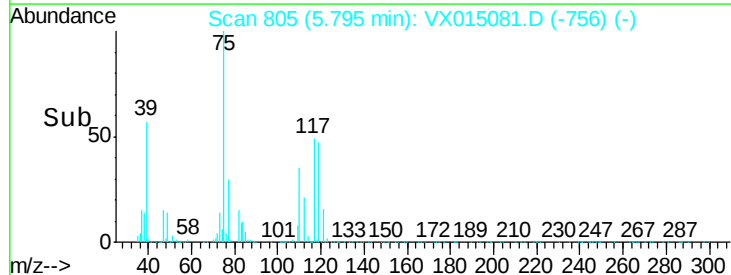
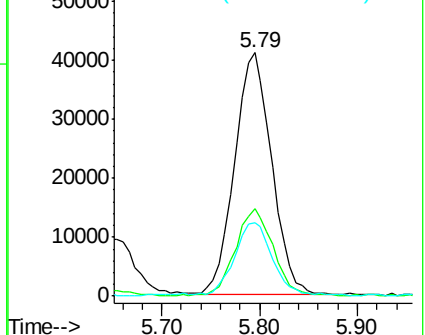
77 30.1 24.8 37.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

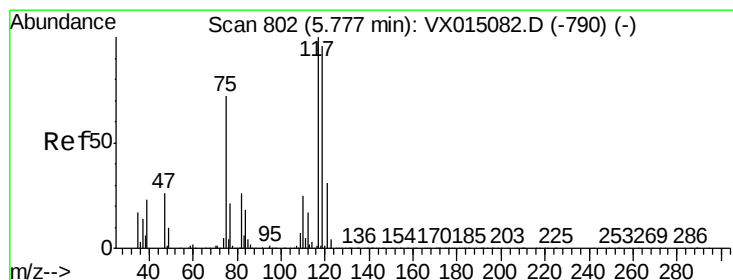
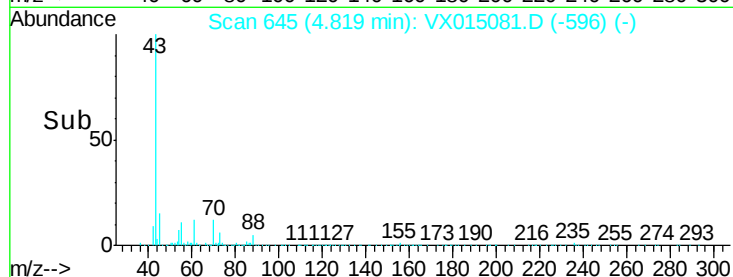
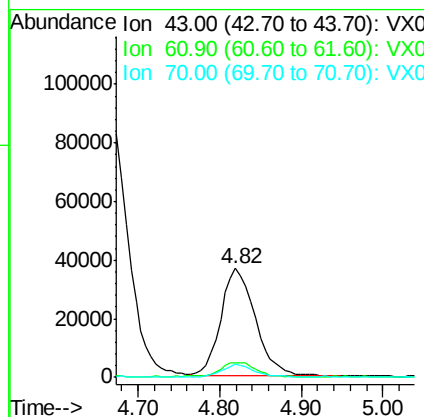
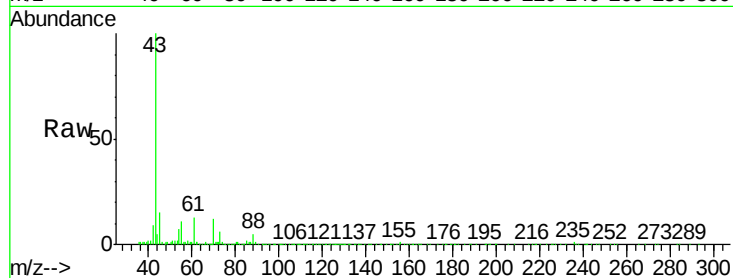




#37
Ethyl Acetate
Concen: 20.84 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.00 min
Lab File: VX015081.D
Acq: 04 Mar 2020 09:24

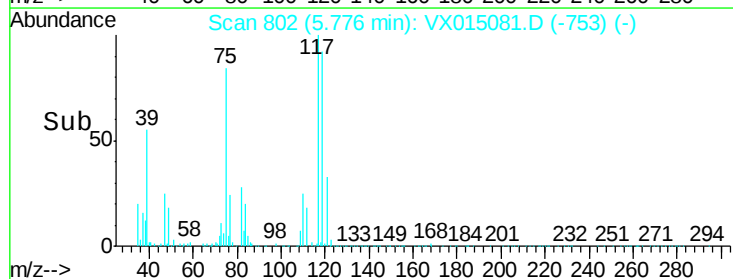
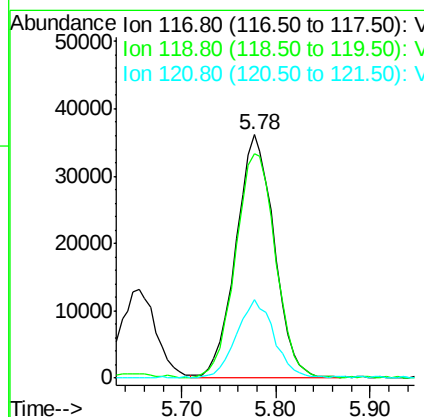
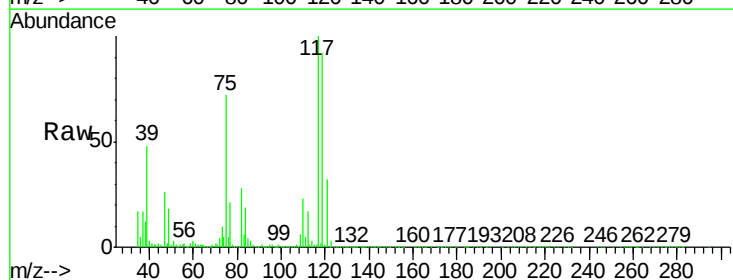
Instrument :
MSVOA_X
ClientSampled :
VSTDIC020

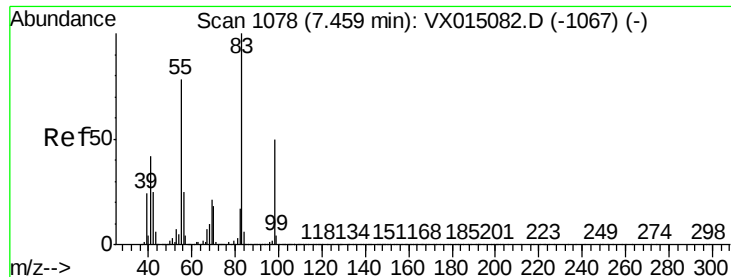
Tgt Ion: 43 Resp: 108952
Ion Ratio Lower Upper
43 100
61 13.9 11.0 16.4
70 11.1 8.1 12.1



#38
Carbon Tetrachloride
Concen: 19.24 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX015081.D
Acq: 04 Mar 2020 09:24

Tgt Ion: 117 Resp: 102363
Ion Ratio Lower Upper
117 100
119 91.8 76.9 115.3
121 32.0 24.6 37.0

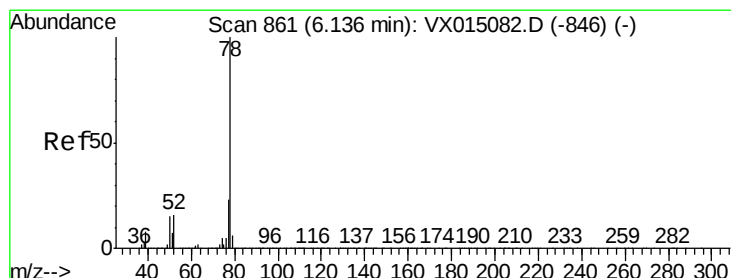
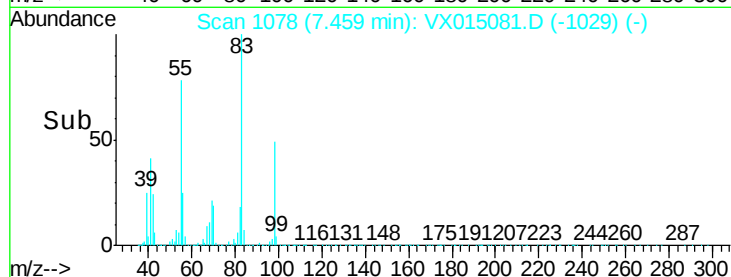
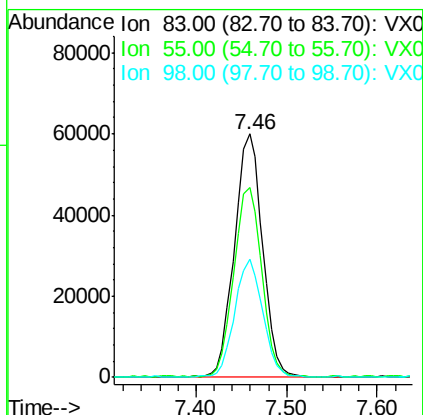
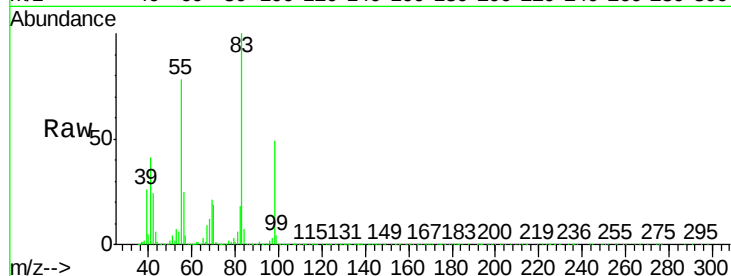




#39
Methylcyclohexane
Concen: 19.68 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. -0.00 min
Lab File: VX015081.D
Acq: 04 Mar 2020 09:24

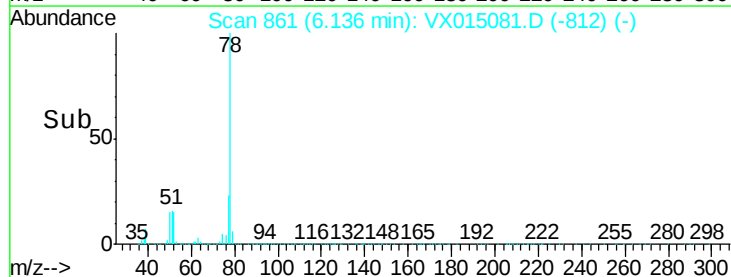
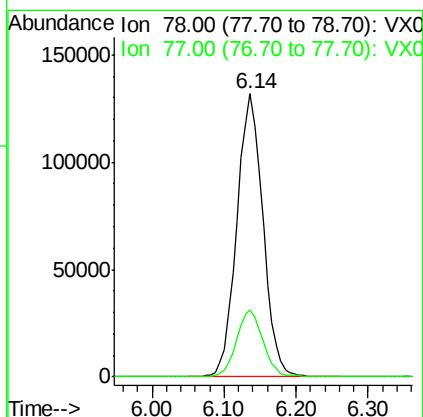
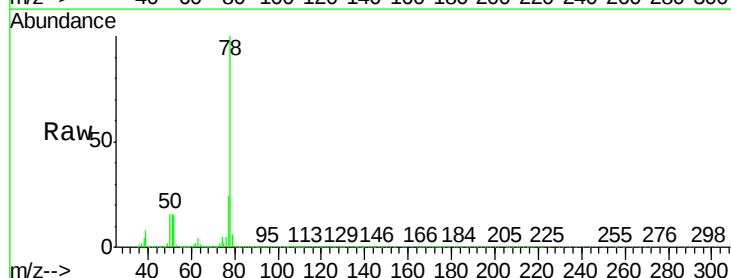
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

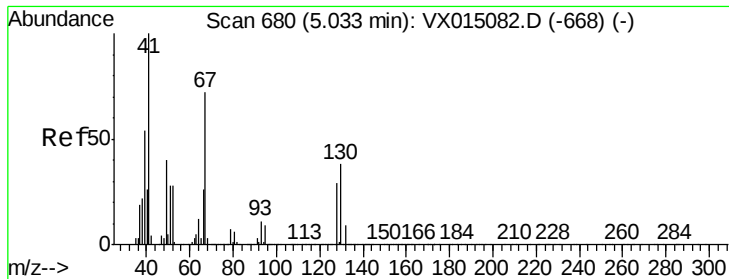
Tgt Ion	Ratio	Lower	Upper
83	100		
55	77.8	62.4	93.6
98	48.4	39.7	59.5



#40
Benzene
Concen: 19.85 ug/l
RT: 6.14 min Scan# 861
Delta R.T. -0.00 min
Lab File: VX015081.D
Acq: 04 Mar 2020 09:24

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	18.6	28.0





#41

Methacrylonitrile

Concen: 21.02 ug/l

RT: 5.03 min Scan# 680

Delta R.T. -0.00 min

Lab File: VX015081.D

Acq: 04 Mar 2020 09:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 41 Resp: 60949

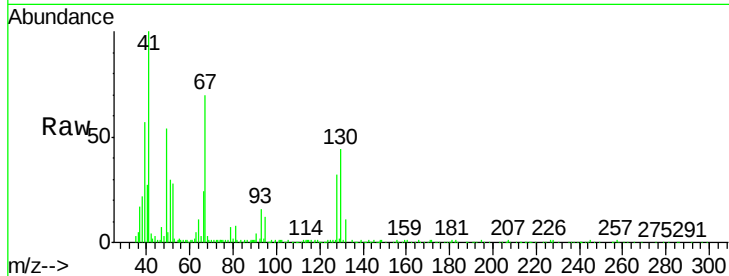
Ion Ratio Lower Upper

41 100

39 53.8 43.9 65.9

67 69.2 57.8 86.8

52 27.7 22.6 34.0

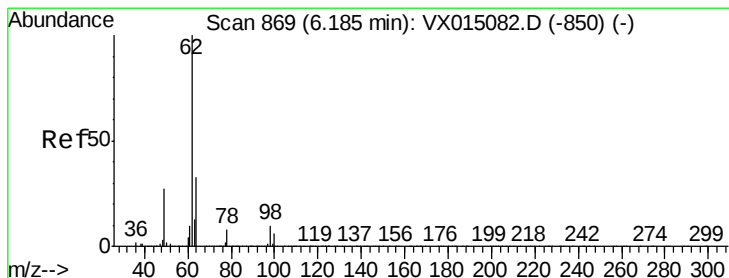
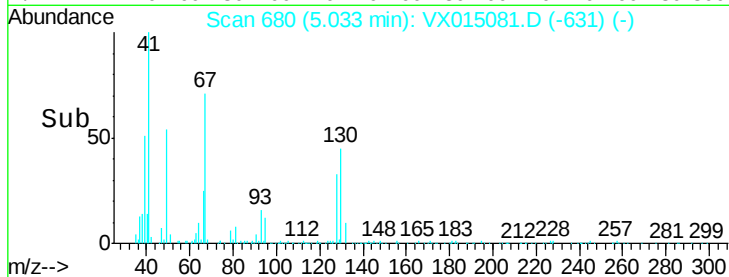
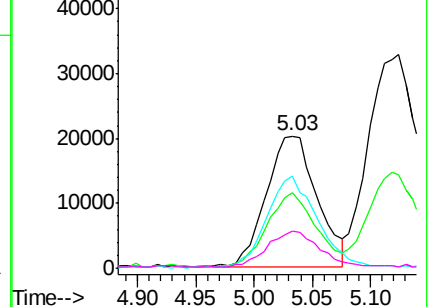


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 20.21 ug/l

RT: 6.18 min Scan# 869

Delta R.T. -0.00 min

Lab File: VX015081.D

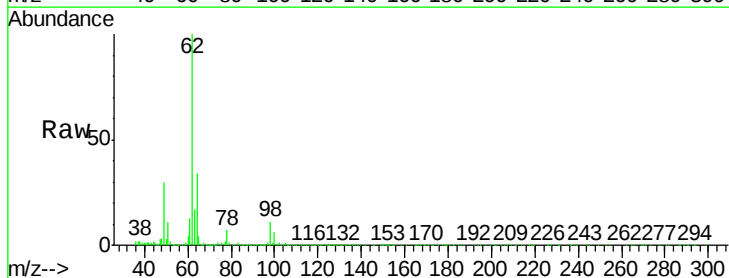
Acq: 04 Mar 2020 09:24

Tgt Ion: 62 Resp: 116043

Ion Ratio Lower Upper

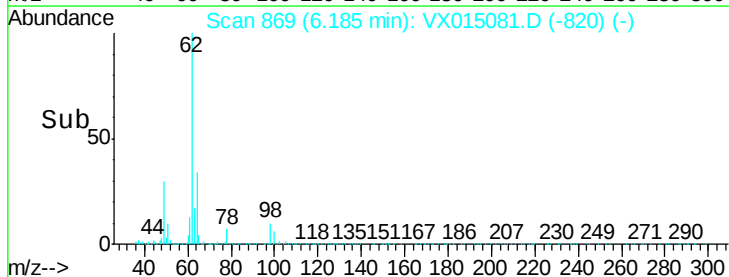
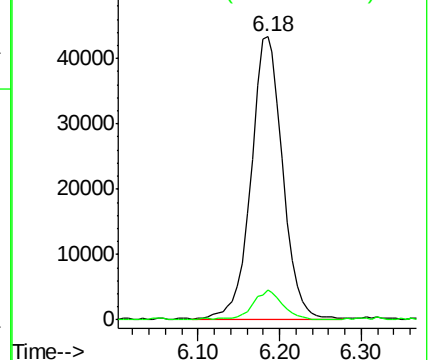
62 100

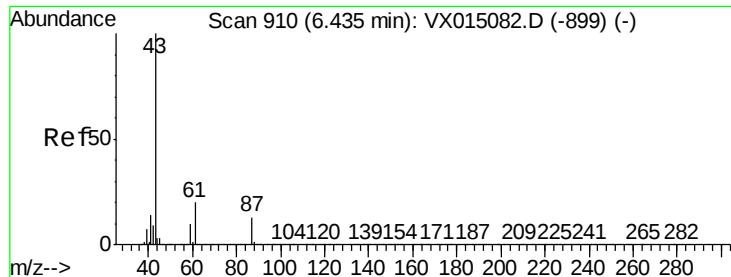
98 10.1 0.0 20.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 19.52 ug/l

RT: 6.43 min Scan# 910

Delta R.T. -0.00 min

Lab File: VX015081.D

Acq: 04 Mar 2020 09:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

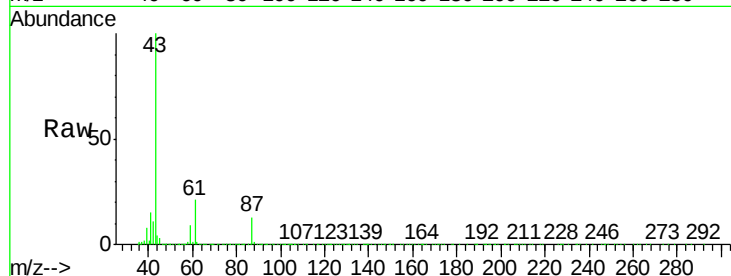
Tgt Ion: 43 Resp: 179524

Ion Ratio Lower Upper

43 100

61 19.9 16.1 24.1

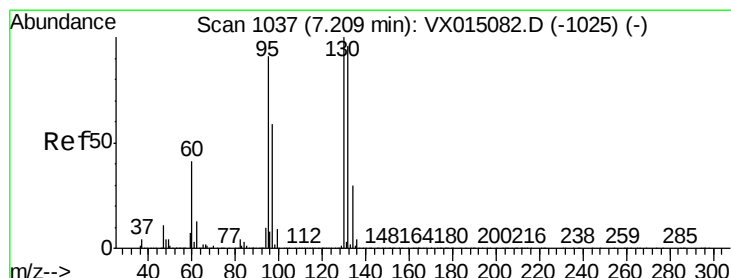
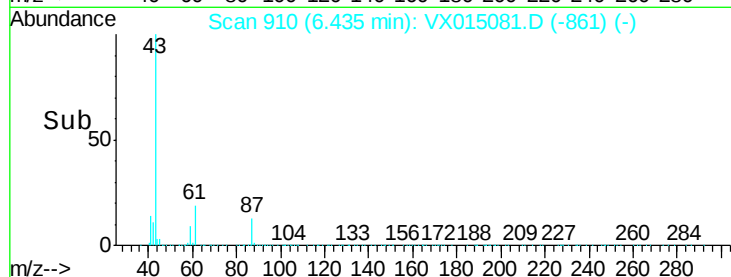
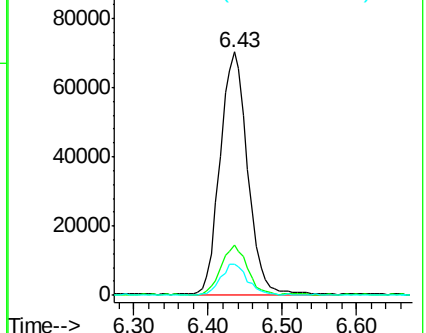
87 12.5 10.6 16.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 19.24 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. -0.00 min

Lab File: VX015081.D

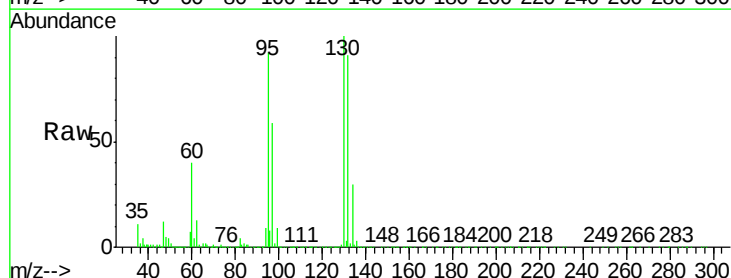
Acq: 04 Mar 2020 09:24

Tgt Ion: 130 Resp: 89599

Ion Ratio Lower Upper

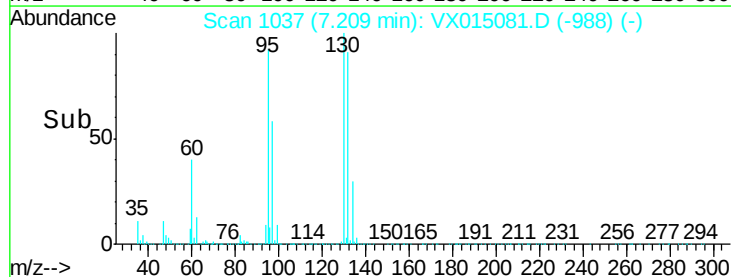
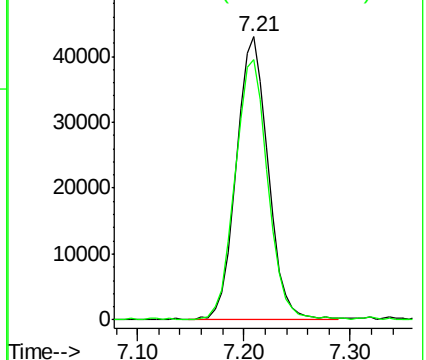
130 100

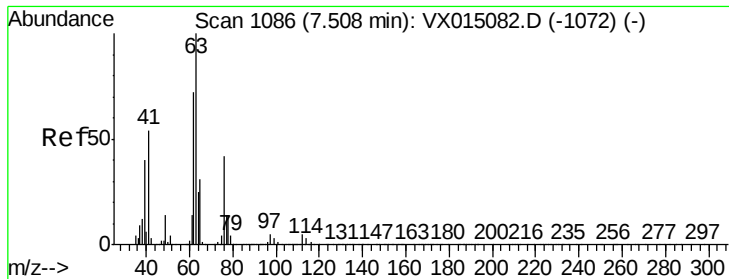
95 91.8 0.0 181.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

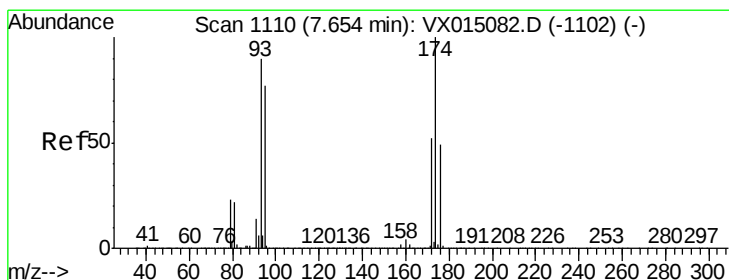
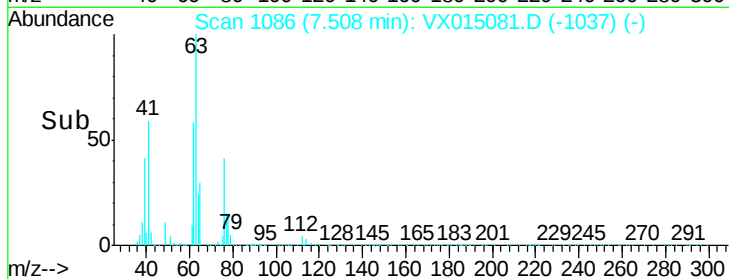
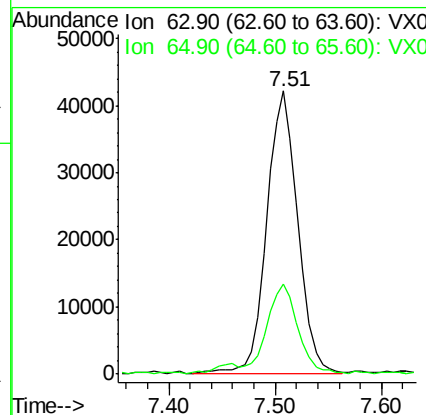
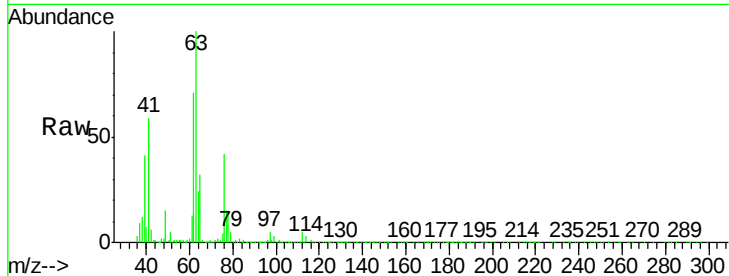




#45
 1,2-Dichloropropane
 Concen: 19.69 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: VX015081.D
 Acq: 04 Mar 2020 09:24

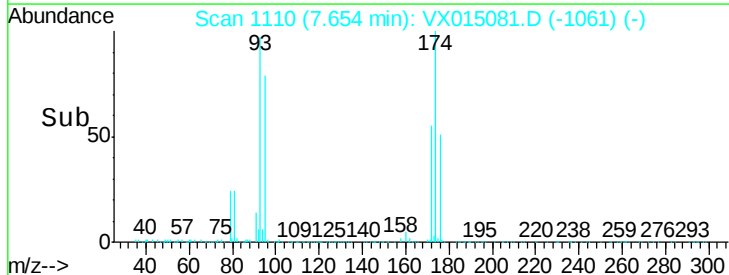
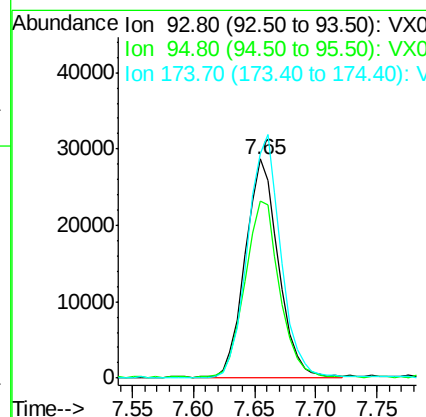
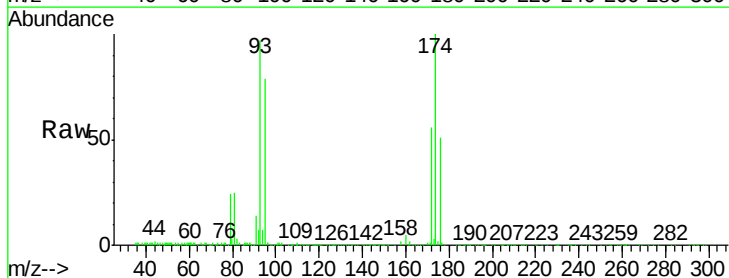
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

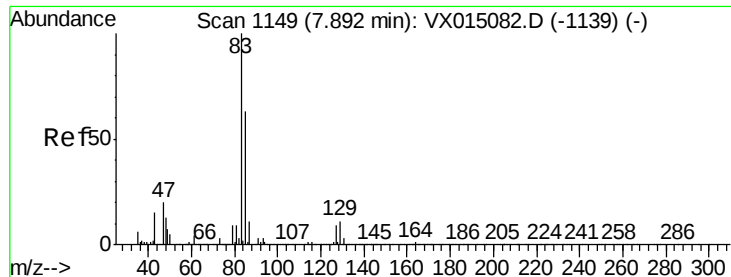
Tgt Ion: 63 Resp: 85239
 Ion Ratio Lower Upper
 63 100
 65 31.6 24.6 36.8



#46
 Dibromomethane
 Concen: 19.12 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX015081.D
 Acq: 04 Mar 2020 09:24

Tgt Ion: 93 Resp: 53936
 Ion Ratio Lower Upper
 93 100
 95 83.9 67.8 101.8
 174 111.2 91.0 136.4





#47

Bromodichloromethane

Concen: 19.14 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX015081.D

Acq: 04 Mar 2020 09:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

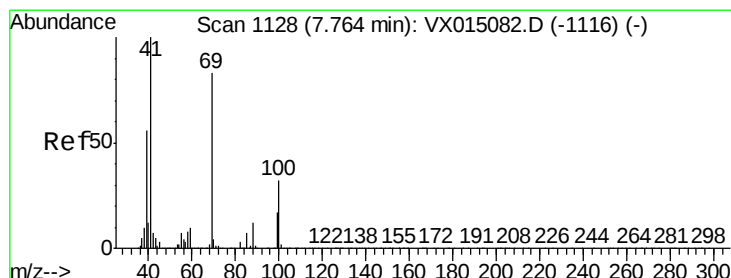
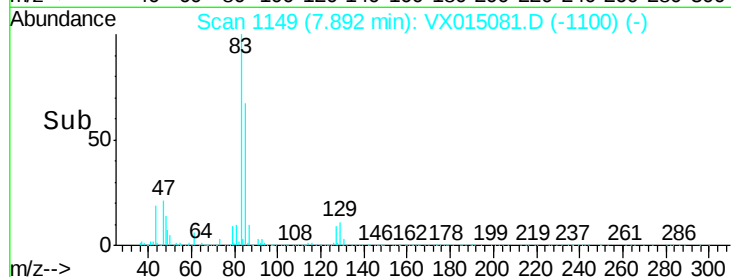
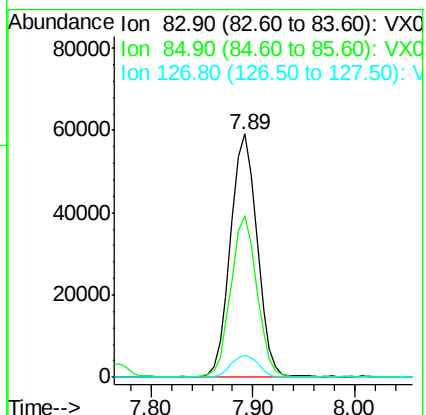
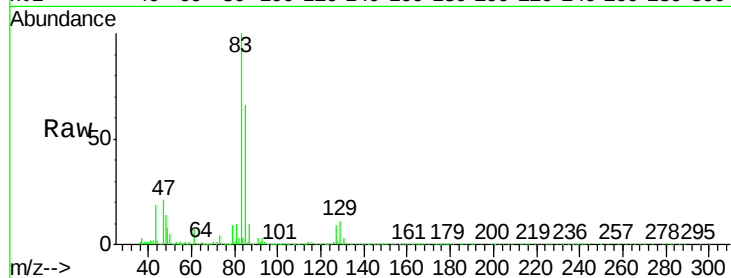
Tgt Ion: 83 Resp: 106758

Ion Ratio Lower Upper

83 100

85 66.4 50.6 75.8

127 9.1 7.1 10.7



#48

Methyl methacrylate

Concen: 18.94 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. -0.00 min

Lab File: VX015081.D

Acq: 04 Mar 2020 09:24

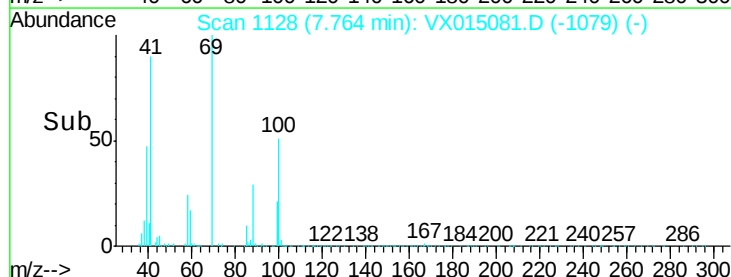
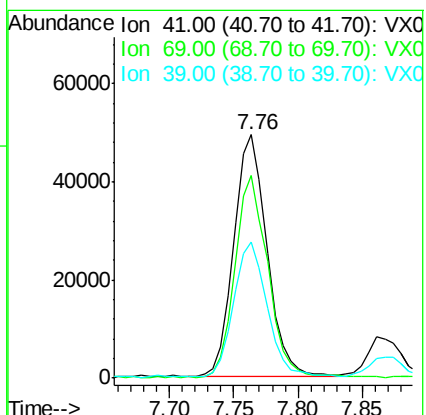
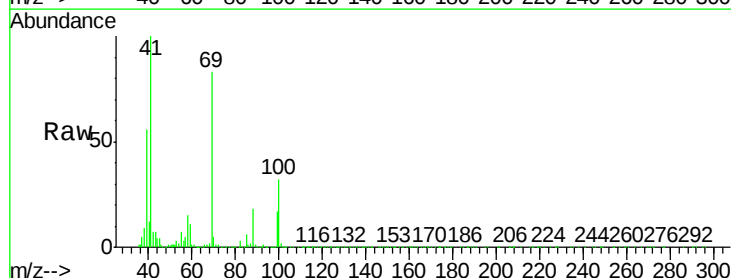
Tgt Ion: 41 Resp: 88646

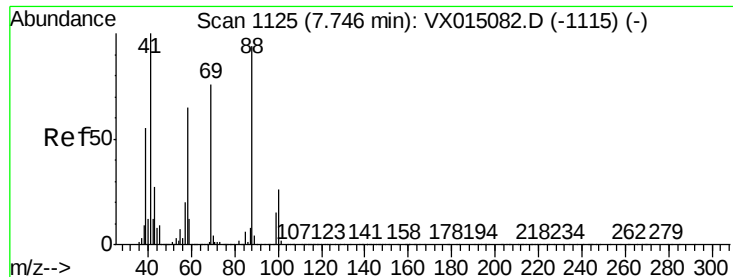
Ion Ratio Lower Upper

41 100

69 82.8 65.4 98.2

39 56.5 44.6 67.0





#49

1,4-Dioxane

Concen: 380.88 ug/l

RT: 7.75 min Scan# 1125

Delta R.T. -0.00 min

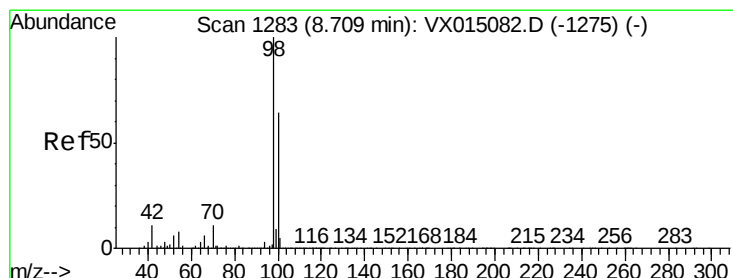
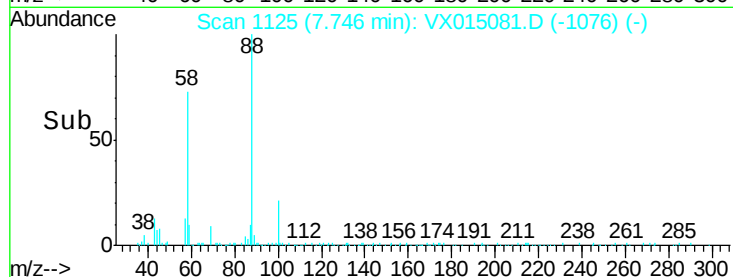
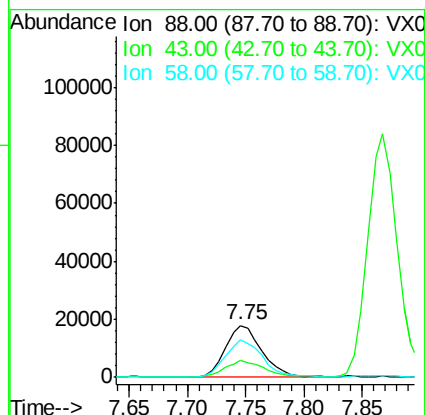
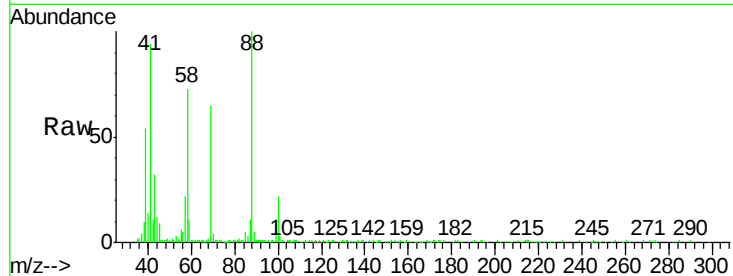
Lab File: VX015081.D

Acq: 04 Mar 2020 09:24

Instrument :
MSVOA_X
ClientSampled :
VSTDIC020

Tgt Ion: 88 Resp: 38461

Ion	Ratio	Lower	Upper
88	100		
43	33.3	27.0	40.4
58	72.7	55.6	83.4



#50

Toluene-d8

Concen: 19.79 ug/l

RT: 8.71 min Scan# 1283

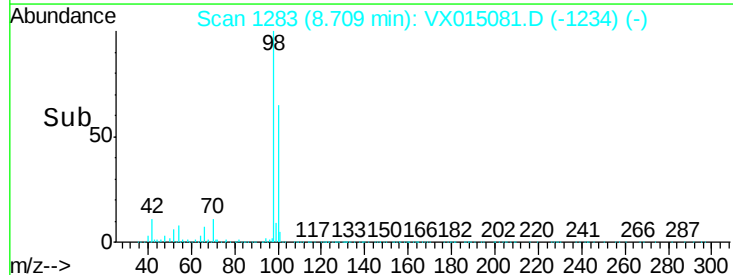
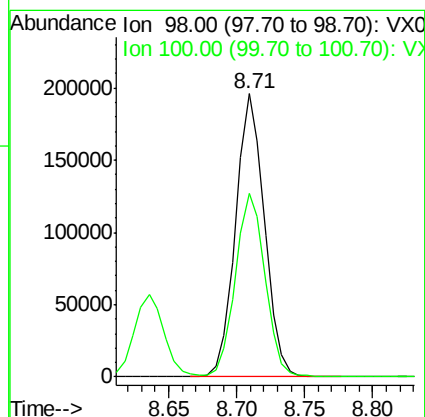
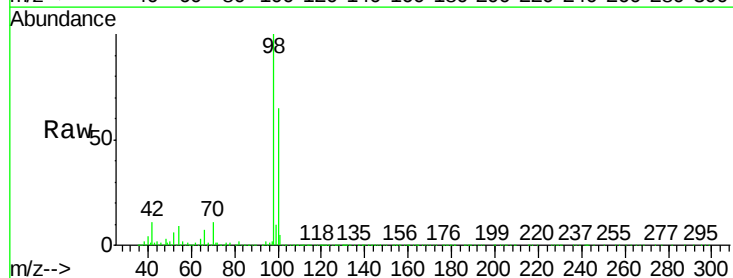
Delta R.T. -0.00 min

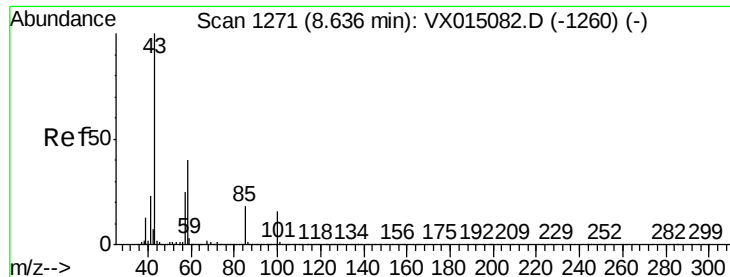
Lab File: VX015081.D

Acq: 04 Mar 2020 09:24

Tgt Ion: 98 Resp: 289408

Ion	Ratio	Lower	Upper
98	100		
100	66.5	52.4	78.6

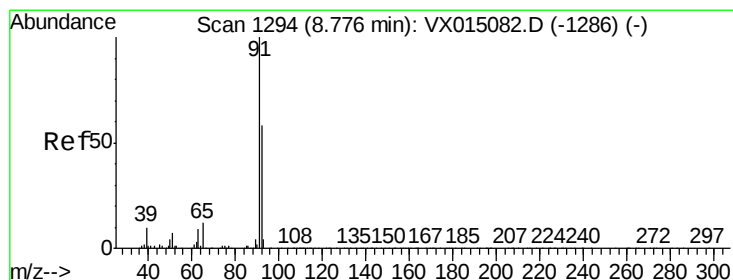
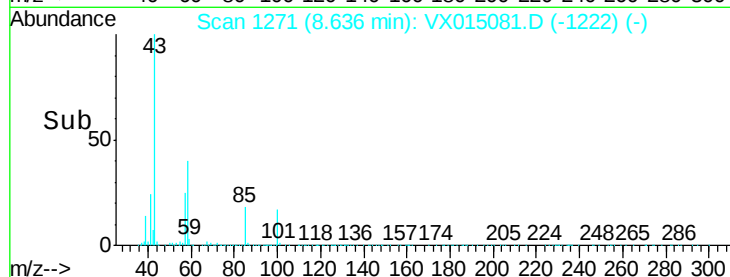
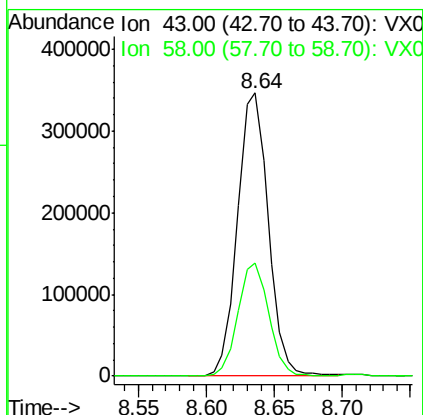
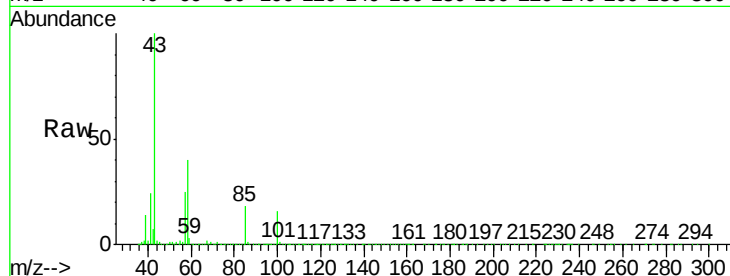




#51
4-Methyl-2-Pentanone
Concen: 100.89 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VX015081.D
Acq: 04 Mar 2020 09:24

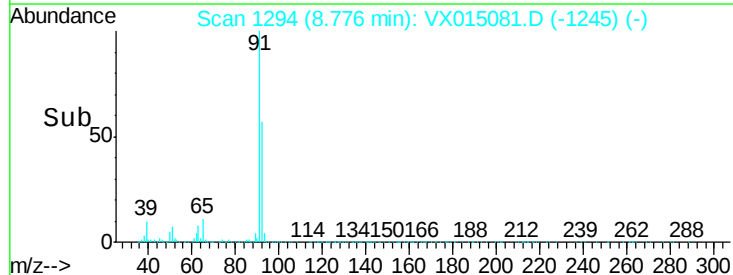
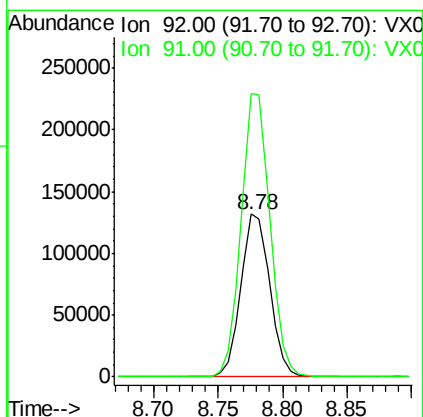
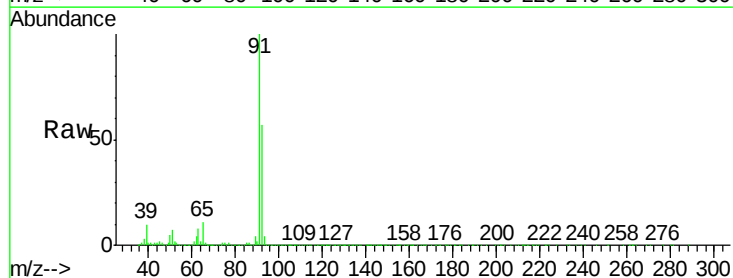
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

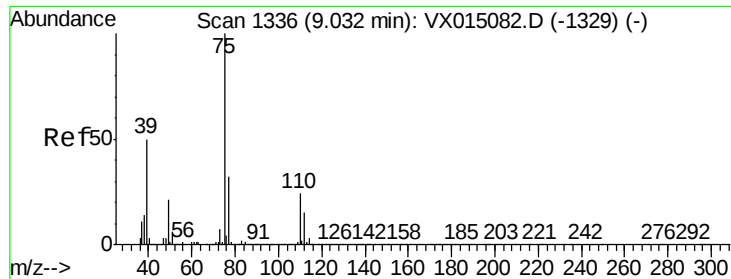
Tgt Ion: 43 Resp: 548614
Ion Ratio Lower Upper
43 100
58 39.8 31.6 47.4



#52
Toluene
Concen: 19.95 ug/l
RT: 8.78 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX015081.D
Acq: 04 Mar 2020 09:24

Tgt Ion: 92 Resp: 203982
Ion Ratio Lower Upper
92 100
91 174.2 136.9 205.3

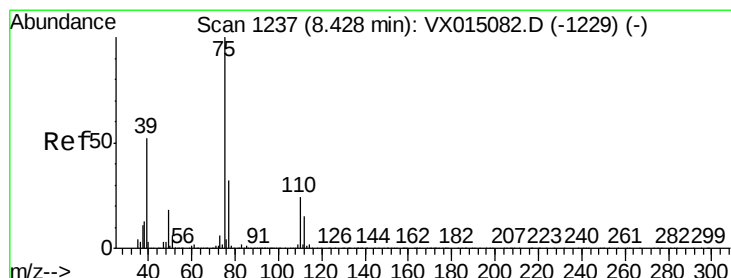
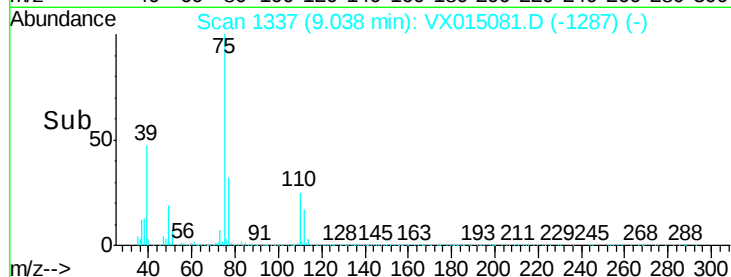
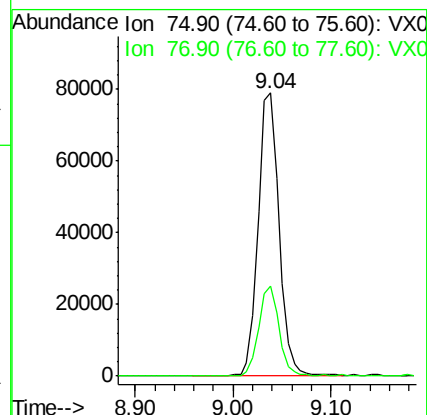
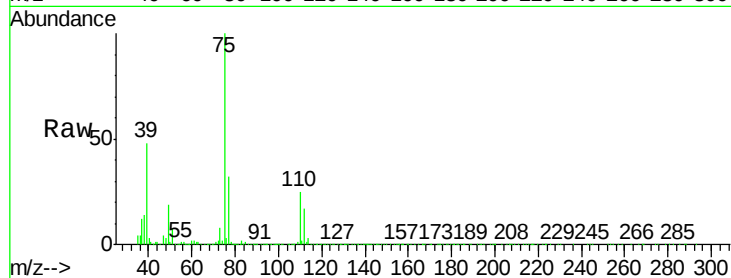




#53
t-1,3-Dichloropropene
Concen: 19.76 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.01 min
Lab File: VX015081.D
Acq: 04 Mar 2020 09:24

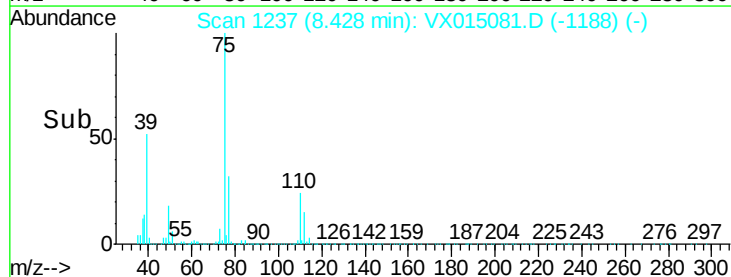
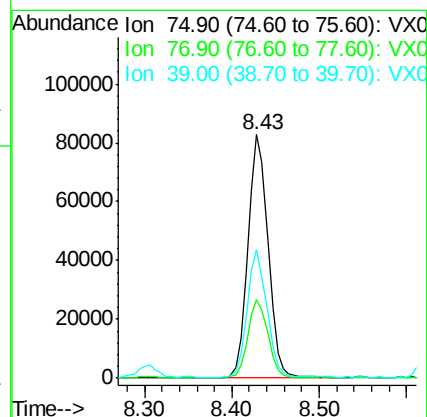
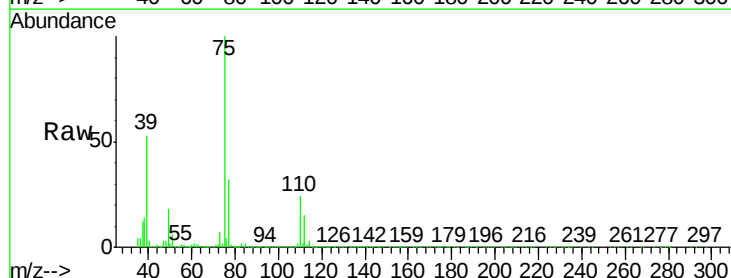
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

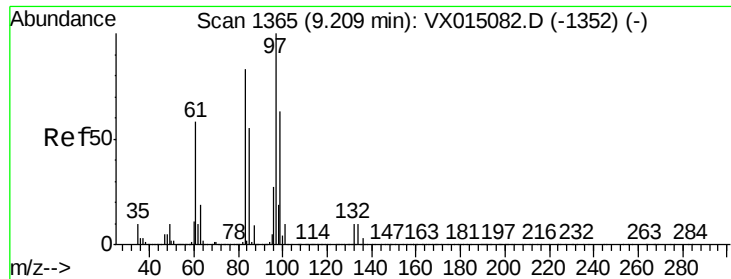
Tgt Ion: 75 Resp: 118050
Ion Ratio Lower Upper
75 100
77 31.5 25.4 38.0



#54
cis-1,3-Dichloropropene
Concen: 19.59 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX015081.D
Acq: 04 Mar 2020 09:24

Tgt Ion: 75 Resp: 131496
Ion Ratio Lower Upper
75 100
77 32.0 25.8 38.6
39 52.4 41.3 61.9

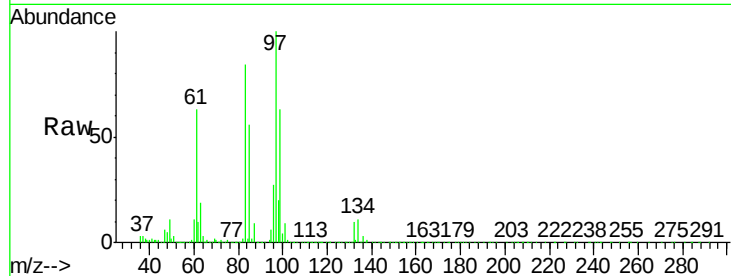




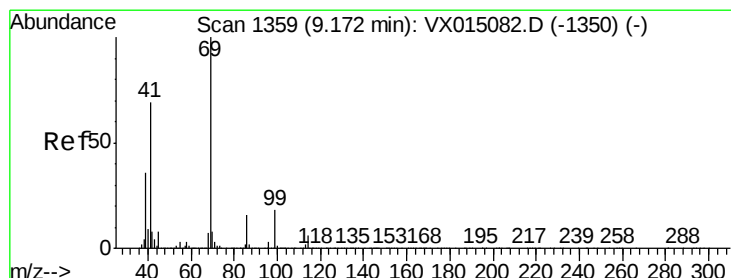
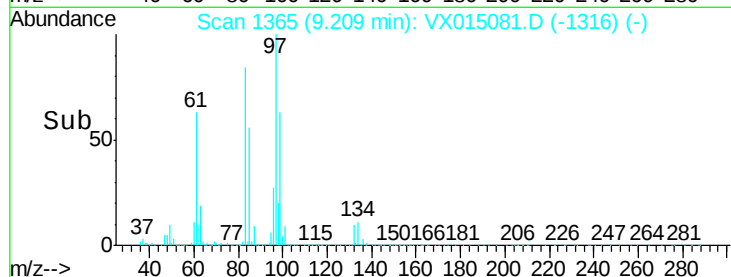
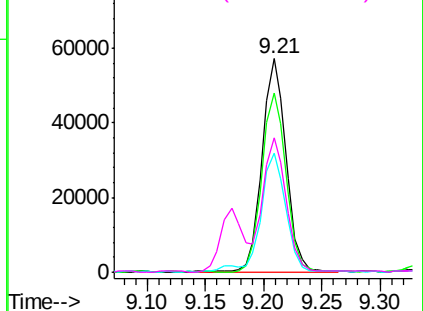
#55
 1,1,2-Trichloroethane
 Concen: 19.69 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX015081.D
 Acq: 04 Mar 2020 09:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tgt Ion:	97	Resp:	82856
Ion	Ratio	Lower	Upper
97	100		
83	83.4	66.4	99.6
85	55.2	43.5	65.3
99	63.0	50.7	76.1

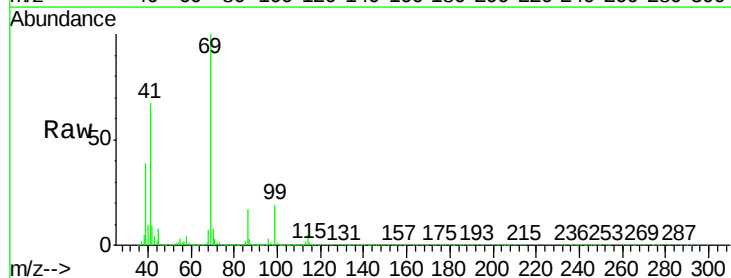


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

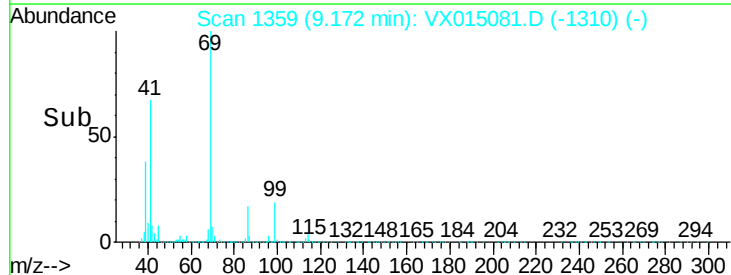
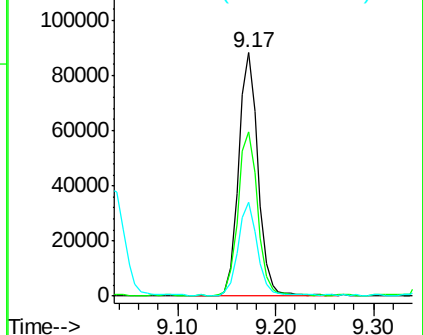


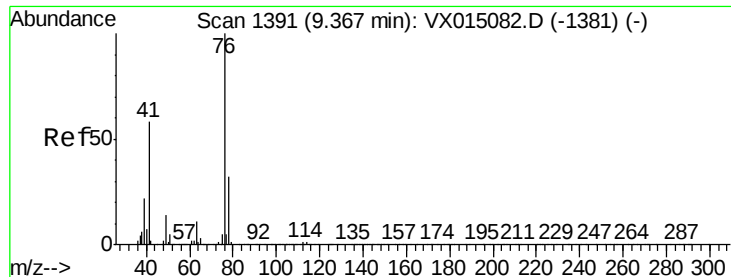
#56
 Ethyl methacrylate
 Concen: 20.37 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX015081.D
 Acq: 04 Mar 2020 09:24

Tgt Ion:	69	Resp:	122269
Ion	Ratio	Lower	Upper
69	100		
41	67.5	55.8	83.8
39	37.7	29.4	44.2



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





#57

1,3-Dichloropropane

Concen: 19.92 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX015081.D

Acq: 04 Mar 2020 09:24

Instrument :

MSVOA_X

ClientSampleId :

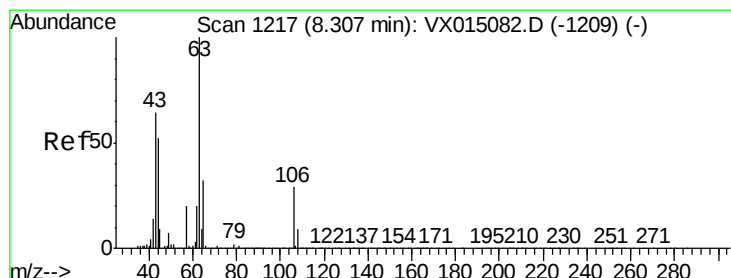
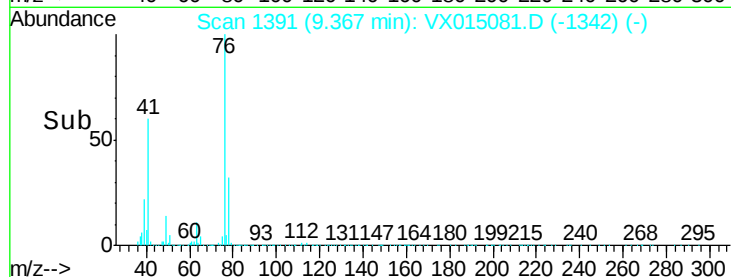
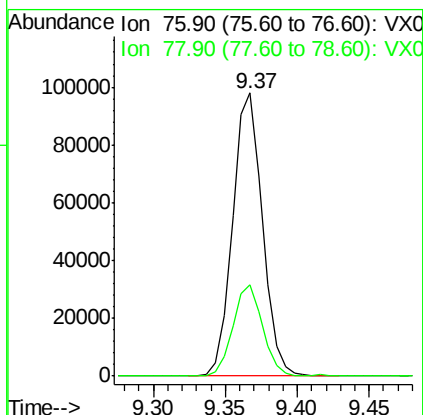
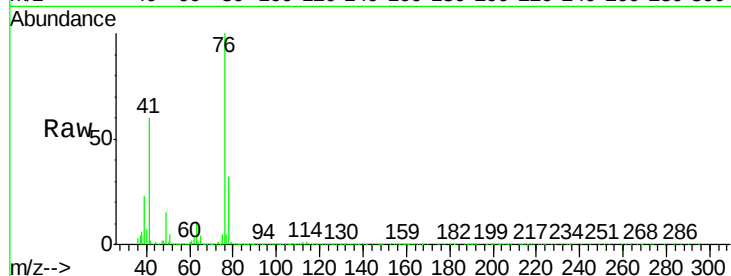
VSTDIC020

Tgt Ion: 76 Resp: 141047

Ion Ratio Lower Upper

76 100

78 31.9 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 97.76 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. -0.00 min

Lab File: VX015081.D

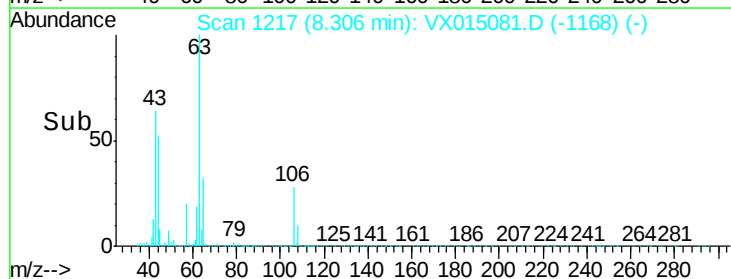
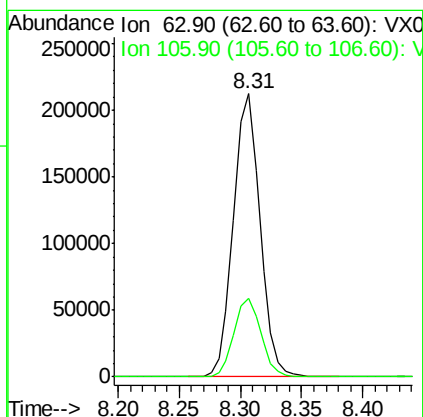
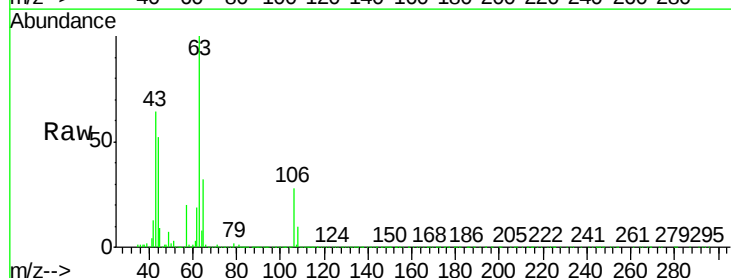
Acq: 04 Mar 2020 09:24

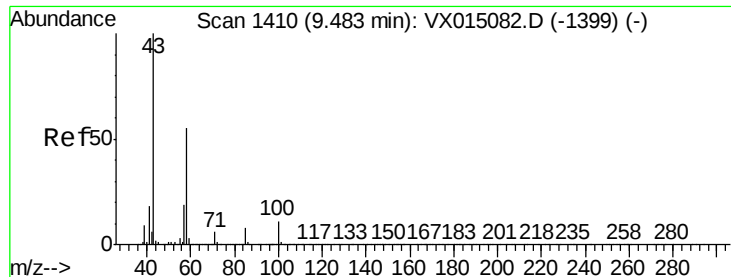
Tgt Ion: 63 Resp: 319664

Ion Ratio Lower Upper

63 100

106 28.3 22.8 34.2

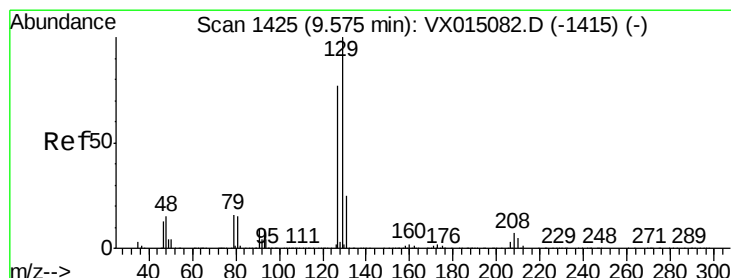
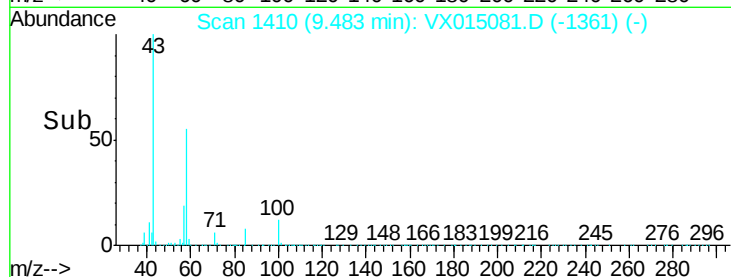
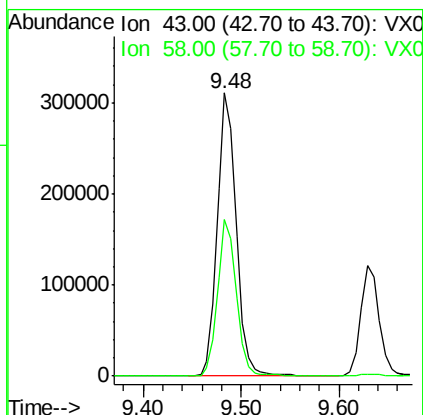
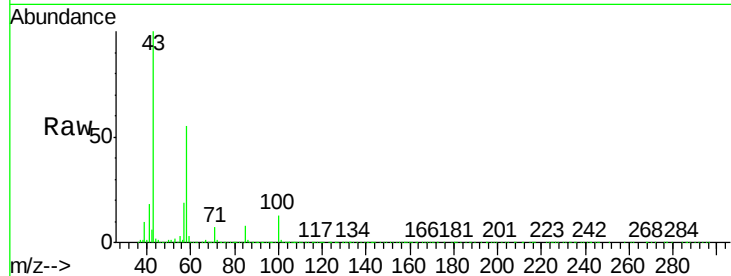




#59
2-Hexanone
Concen: 103.48 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX015081.D
Acq: 04 Mar 2020 09:24

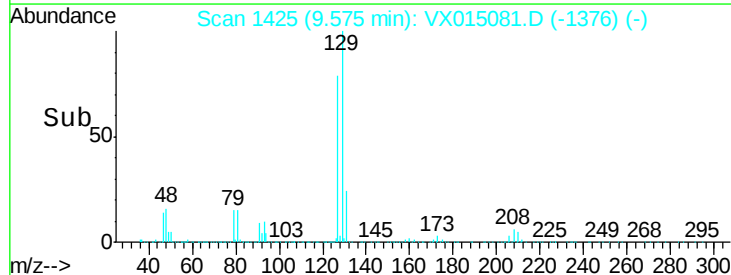
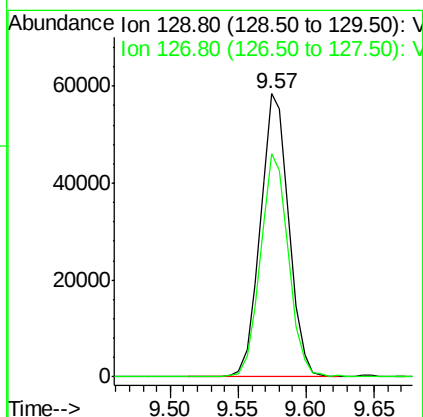
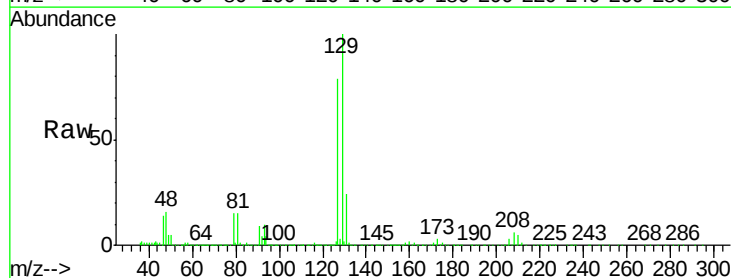
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

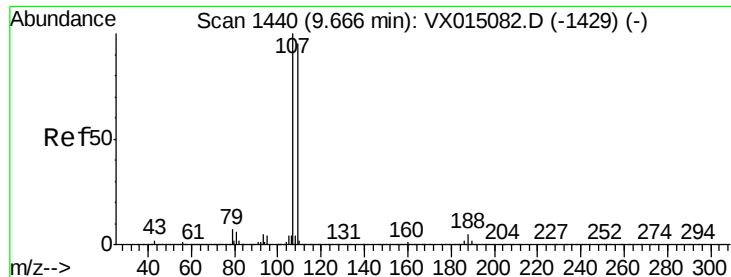
Tgt Ion: 43 Resp: 417047
Ion Ratio Lower Upper
43 100
58 54.4 27.3 81.8



#60
Dibromochloromethane
Concen: 19.45 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.00 min
Lab File: VX015081.D
Acq: 04 Mar 2020 09:24

Tgt Ion: 129 Resp: 85999
Ion Ratio Lower Upper
129 100
127 77.1 38.8 116.3

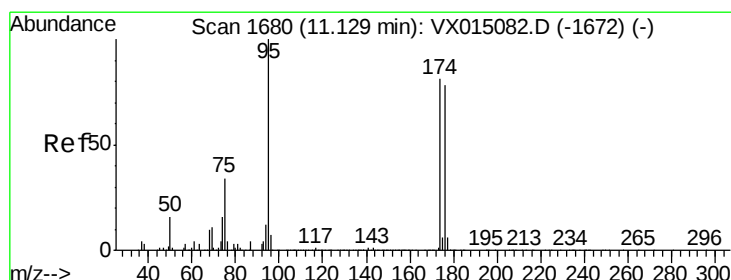
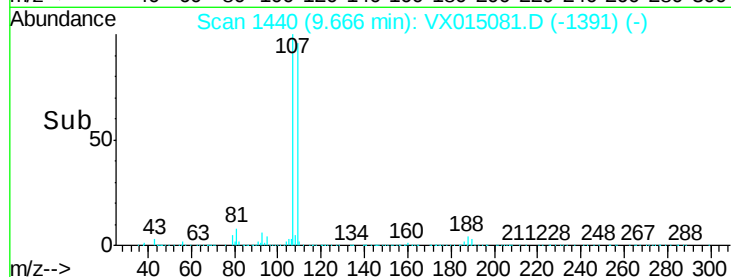
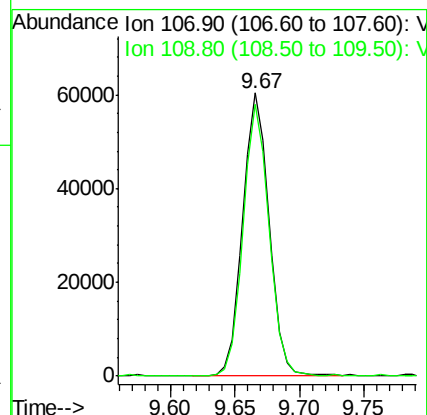
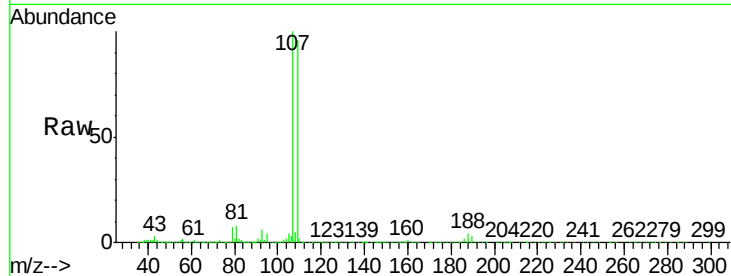




#61
 1,2-Dibromoethane
 Concen: 19.35 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. -0.00 min
 Lab File: VX015081.D
 Acq: 04 Mar 2020 09:24

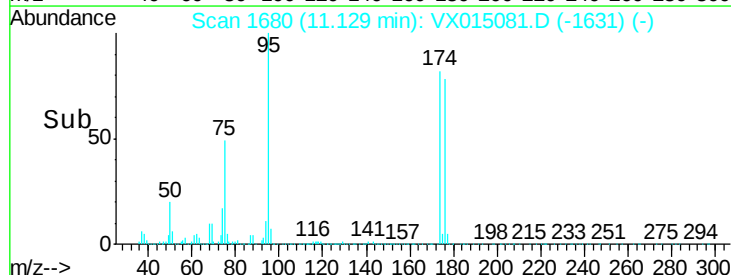
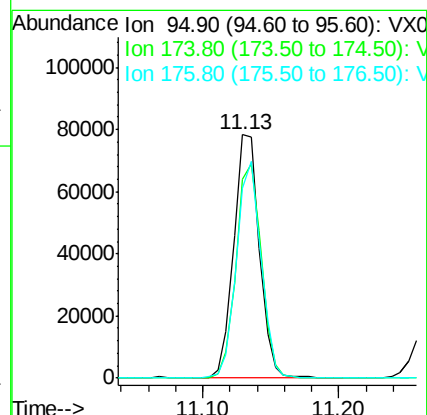
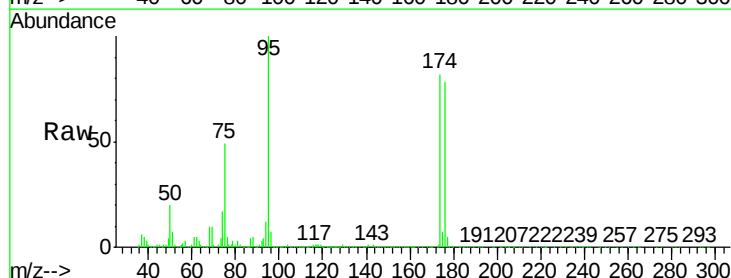
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

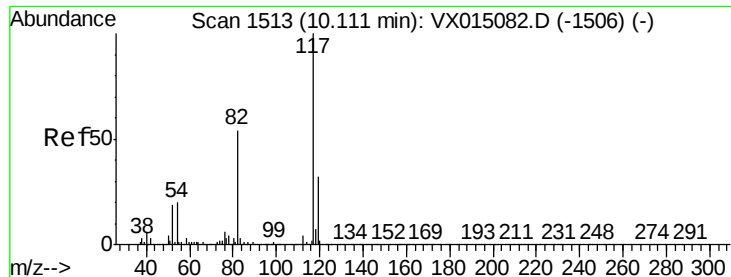
Tgt Ion: 107 Resp: 85533
 Ion Ratio Lower Upper
 107 100
 109 94.7 75.6 113.4



#62
 4-Bromofluorobenzene
 Concen: 19.67 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. -0.00 min
 Lab File: VX015081.D
 Acq: 04 Mar 2020 09:24

Tgt Ion: 95 Resp: 102608
 Ion Ratio Lower Upper
 95 100
 174 86.8 0.0 177.6
 176 85.4 0.0 170.2

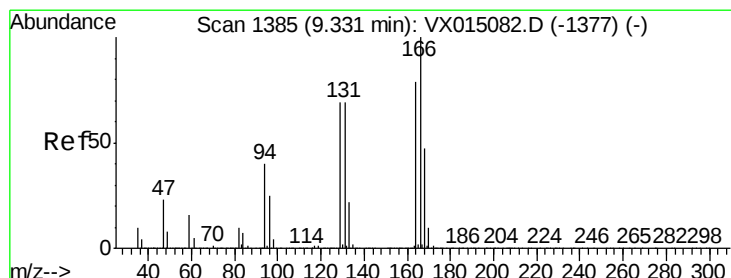
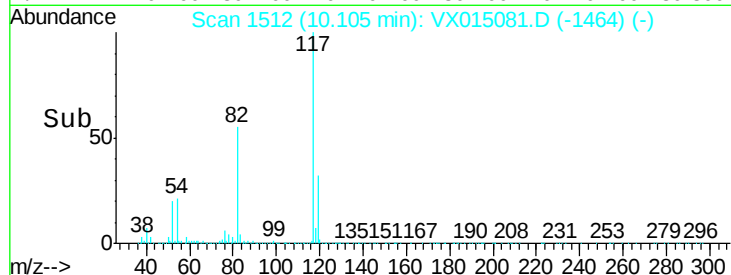
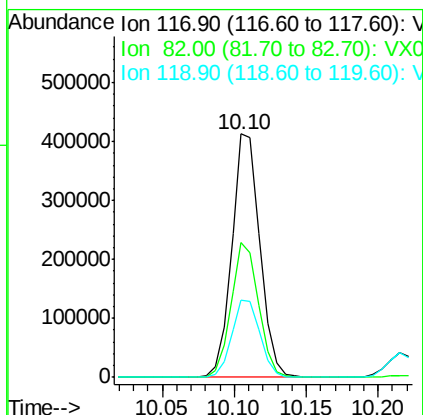
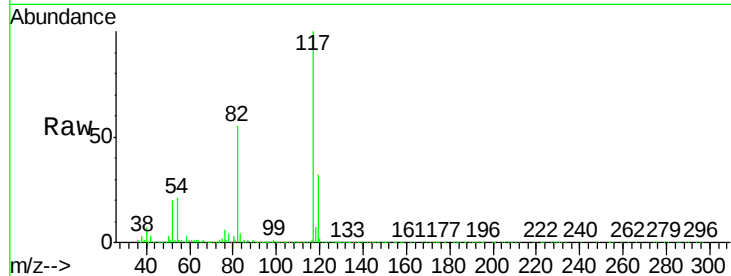




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX015081.D
Acq: 04 Mar 2020 09:24

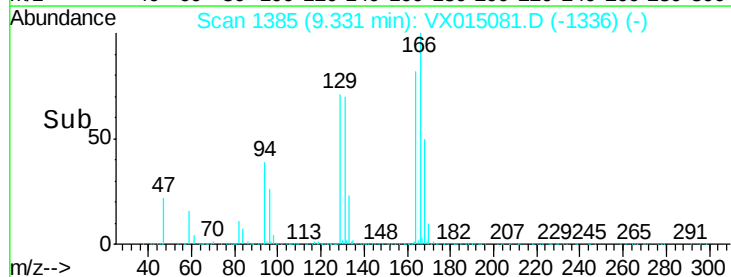
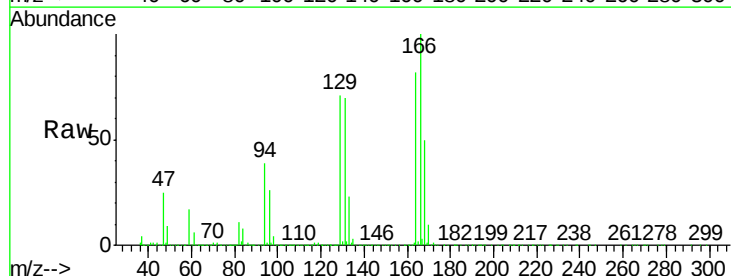
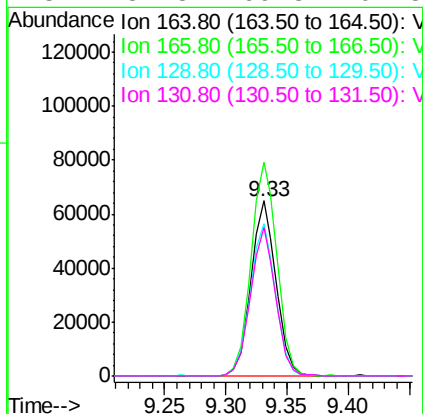
Instrument :
MSVOA_X
ClientSampled :
VSTDIC020

Tgt Ion:117 Resp: 562926
Ion Ratio Lower Upper
117 100
82 55.3 43.3 64.9
119 31.6 25.8 38.8



#64
Tetrachloroethene
Concen: 19.98 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX015081.D
Acq: 04 Mar 2020 09:24

Tgt Ion:164 Resp: 92984
Ion Ratio Lower Upper
164 100
166 121.8 101.1 151.7
129 86.8 69.4 104.0
131 84.8 69.8 104.8





#65

Chlorobenzene

Concen: 19.54 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. -0.00 min

Lab File: VX015081.D

Acq: 04 Mar 2020 09:24

Instrument :

MSVOA_X

ClientSampleId :

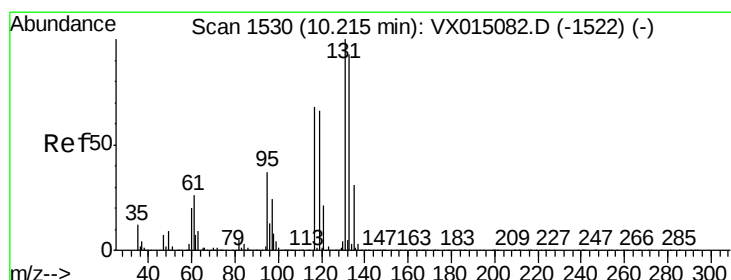
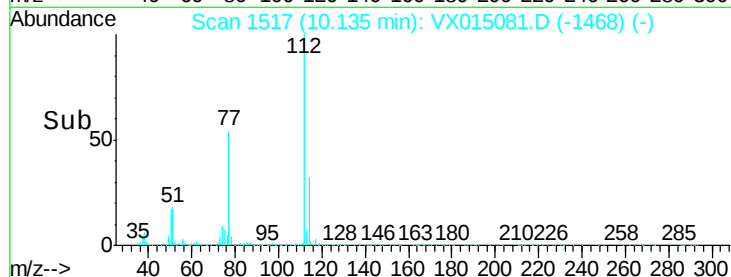
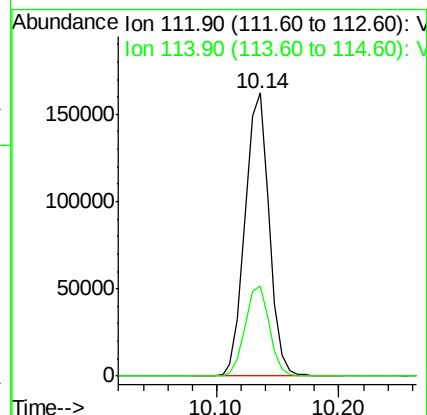
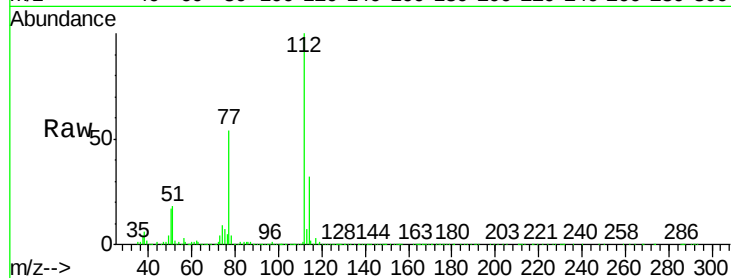
VSTDIC020

Tgt Ion:112 Resp: 220829

Ion Ratio Lower Upper

112 100

114 32.0 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 19.18 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX015081.D

Acq: 04 Mar 2020 09:24

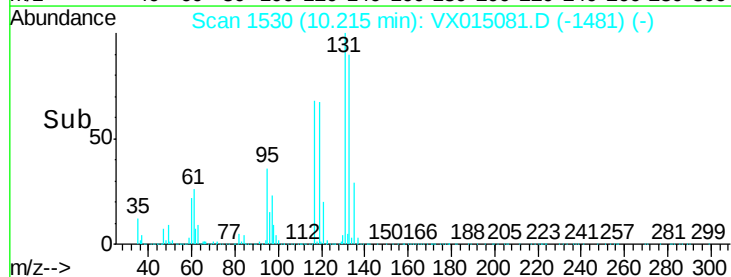
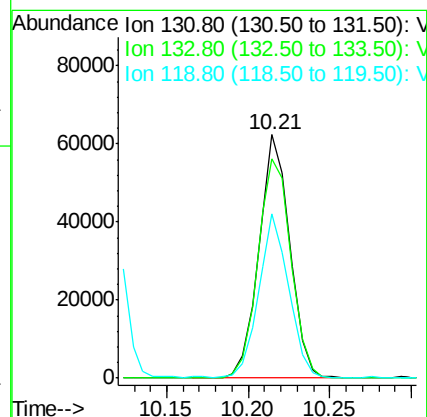
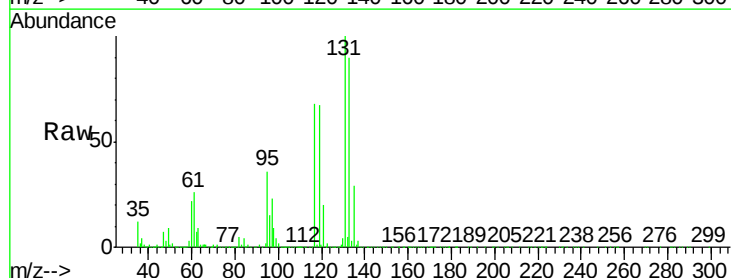
Tgt Ion:131 Resp: 81738

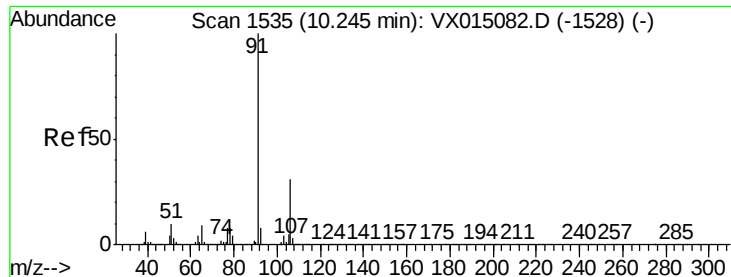
Ion Ratio Lower Upper

131 100

133 96.7 47.5 142.5

119 65.2 33.4 100.1





#67

Ethyl Benzene

Concen: 19.94 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX015081.D

Acq: 04 Mar 2020 09:24

Instrument :

MSVOA_X

ClientSampleId :

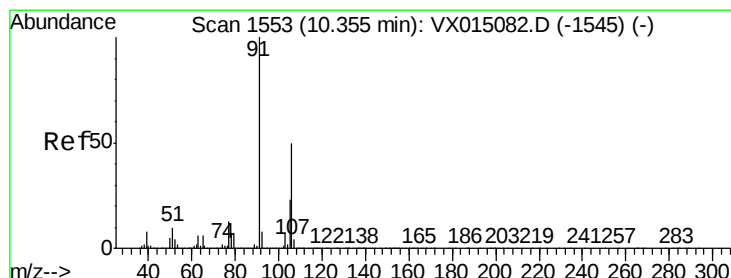
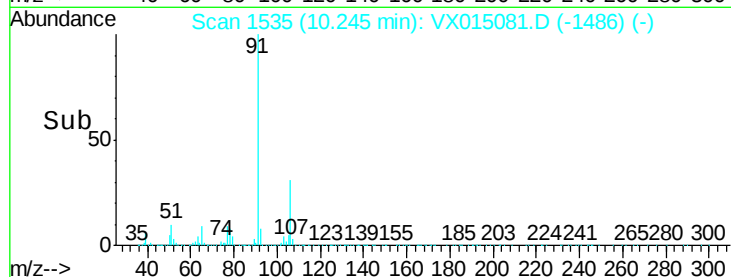
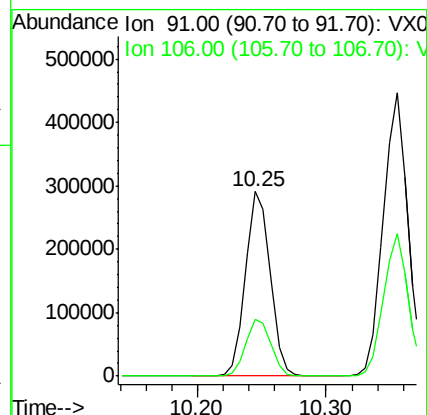
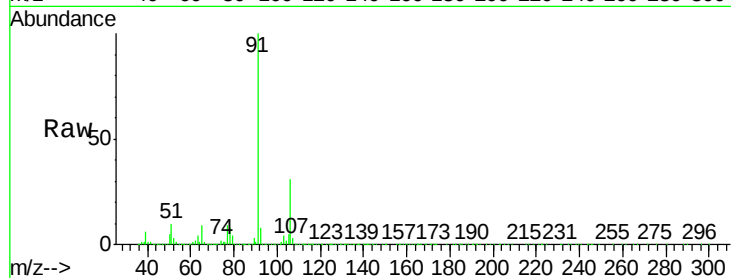
VSTDIC020

Tgt Ion: 91 Resp: 382735

Ion Ratio Lower Upper

91 100

106 30.5 24.9 37.3



#68

m/p-Xylenes

Concen: 40.46 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX015081.D

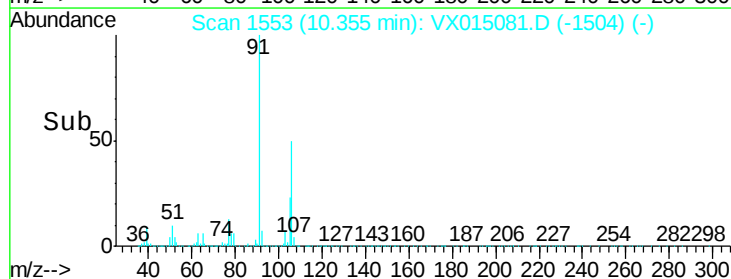
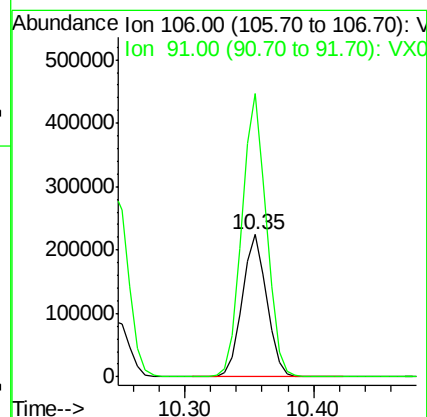
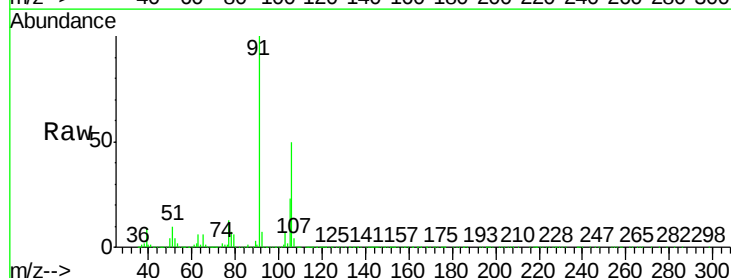
Acq: 04 Mar 2020 09:24

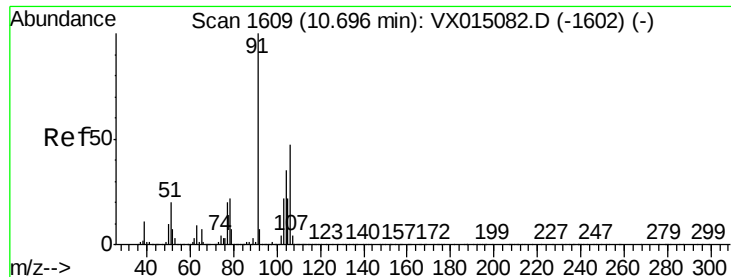
Tgt Ion: 106 Resp: 295425

Ion Ratio Lower Upper

106 100

91 198.8 159.4 239.2

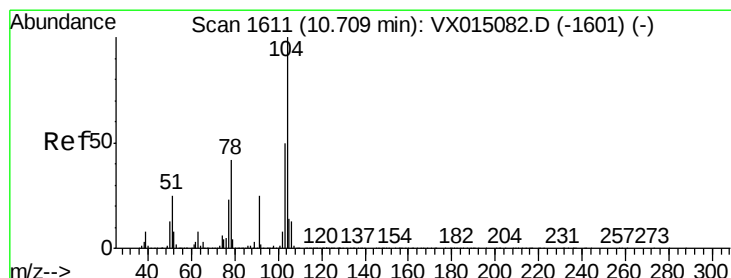
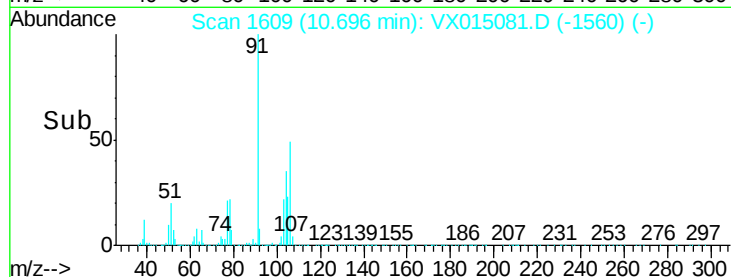
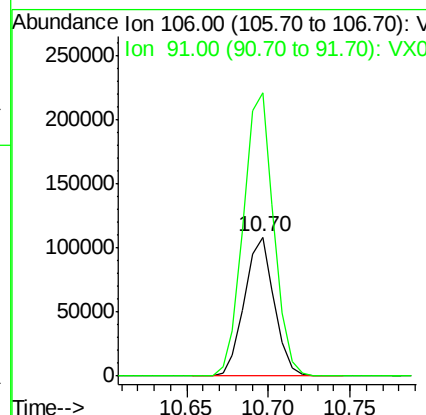
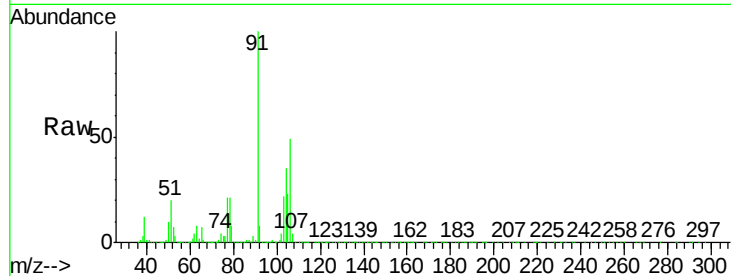




#69
o-Xylene
Concen: 19.65 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX015081.D
Acq: 04 Mar 2020 09:24

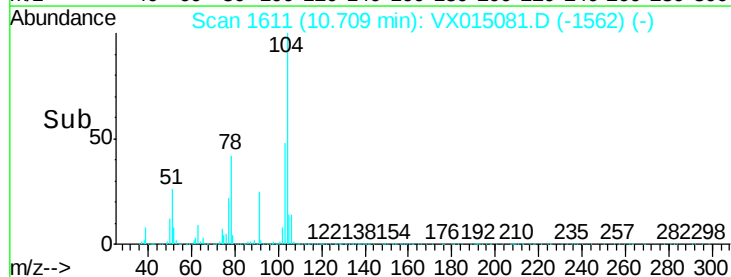
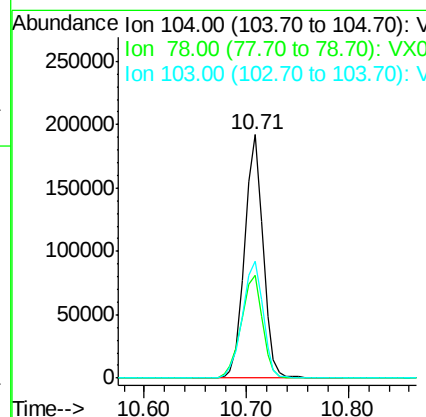
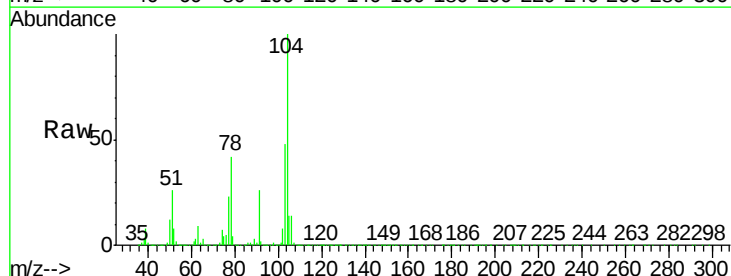
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

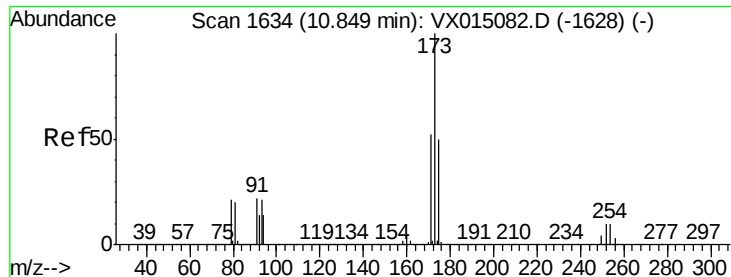
Tgt Ion:106 Resp: 137381
Ion Ratio Lower Upper
106 100
91 208.3 105.4 316.1



#70
Styrene
Concen: 19.85 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX015081.D
Acq: 04 Mar 2020 09:24

Tgt Ion:104 Resp: 237966
Ion Ratio Lower Upper
104 100
78 48.5 39.0 58.4
103 53.9 43.7 65.5





#71

Bromoform

Concen: 18.93 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.01 min

Lab File: VX015081.D

Acq: 04 Mar 2020 09:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

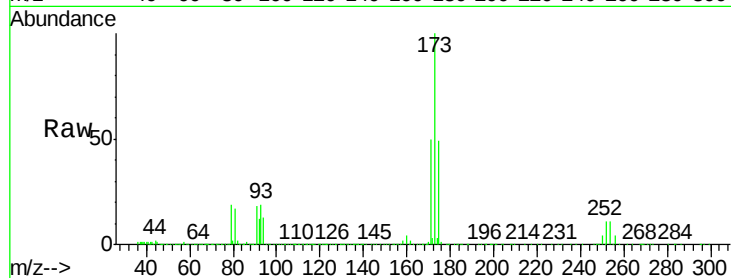
Tgt Ion:173 Resp: 62546

Ion Ratio Lower Upper

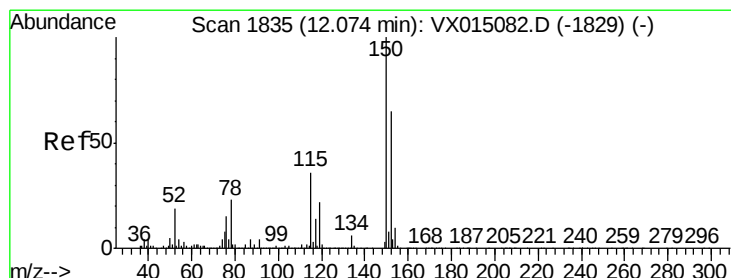
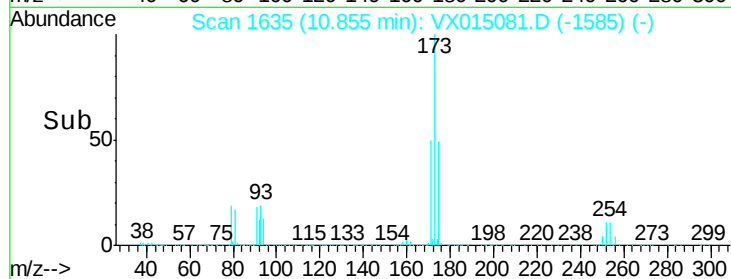
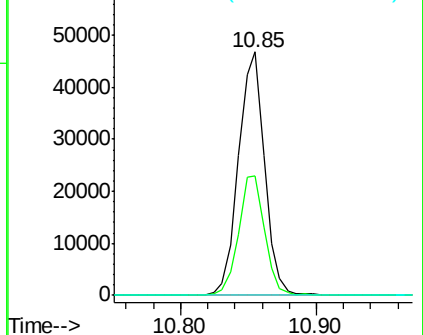
173 100

175 49.4 24.9 74.7

254 0.3 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX015081.D

Acq: 04 Mar 2020 09:24

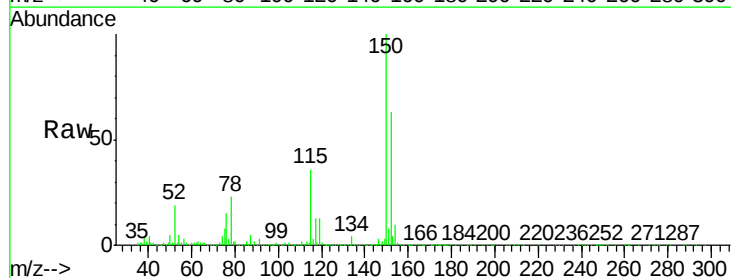
Tgt Ion:152 Resp: 285517

Ion Ratio Lower Upper

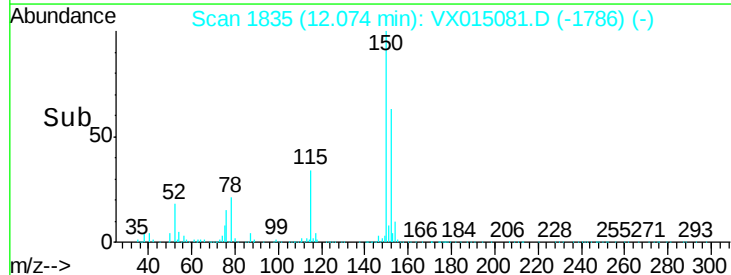
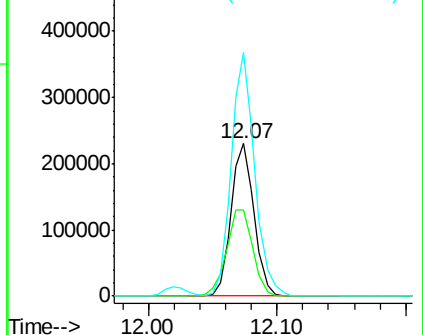
152 100

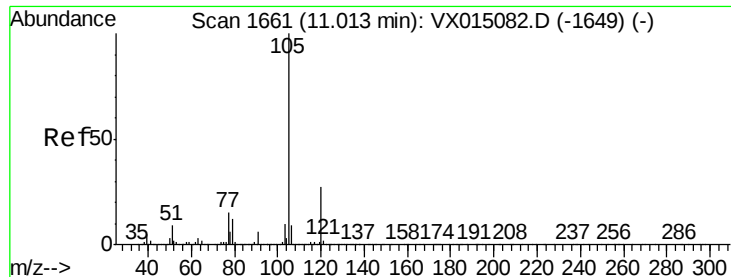
115 65.5 38.2 114.6

150 163.4 0.0 343.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.34 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX015081.D

Acq: 04 Mar 2020 09:24

Instrument :

MSVOA_X

ClientSampleId :

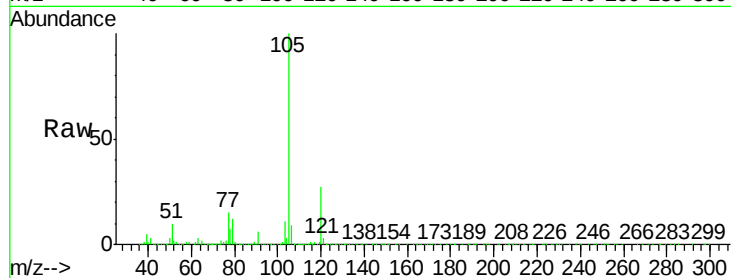
VSTDIC020

Tgt Ion: 105 Resp: 370918

Ion Ratio Lower Upper

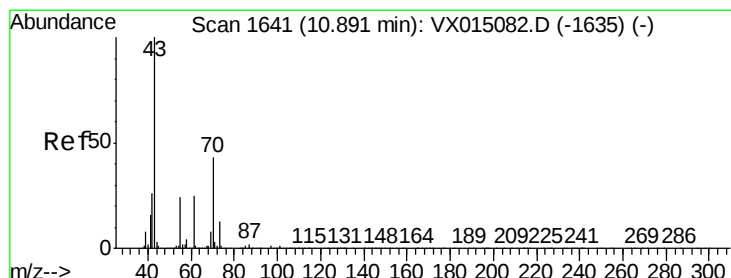
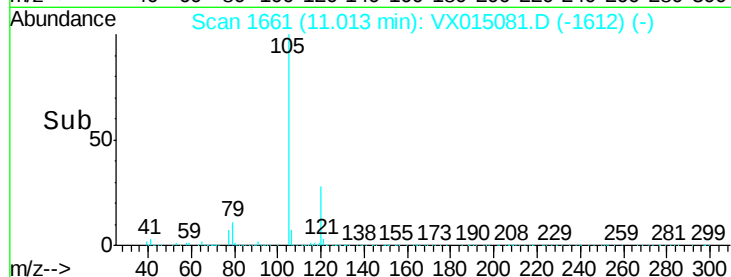
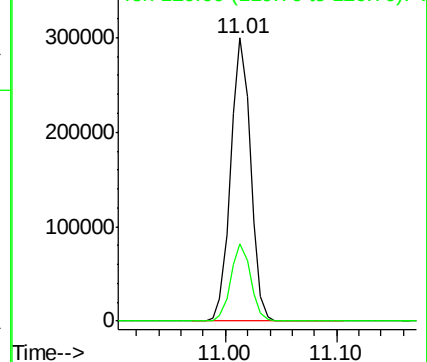
105 100

120 27.3 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.57 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX015081.D

Acq: 04 Mar 2020 09:24

Tgt Ion: 43 Resp: 150464

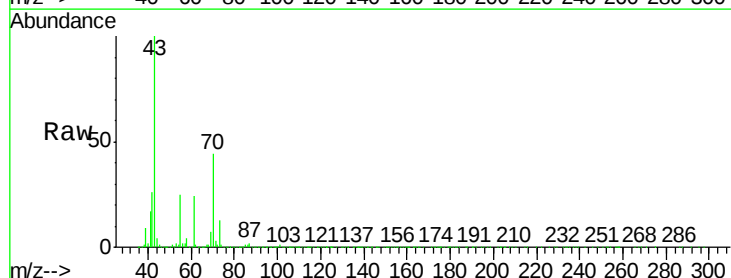
Ion Ratio Lower Upper

43 100

70 43.0 34.7 52.1

55 25.4 19.4 29.0

61 24.1 19.0 28.6

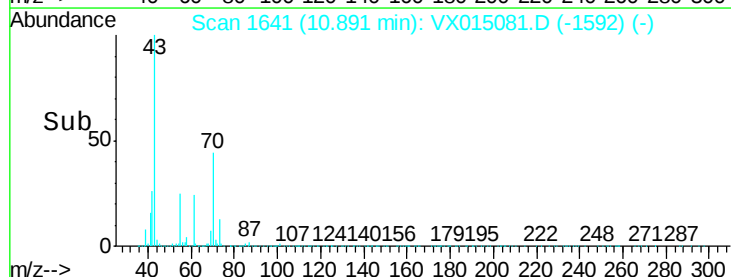
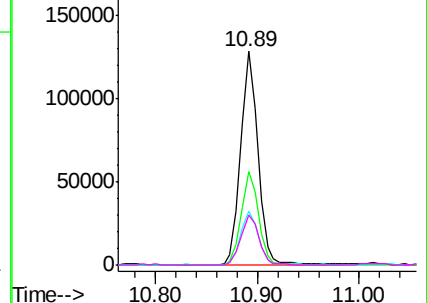


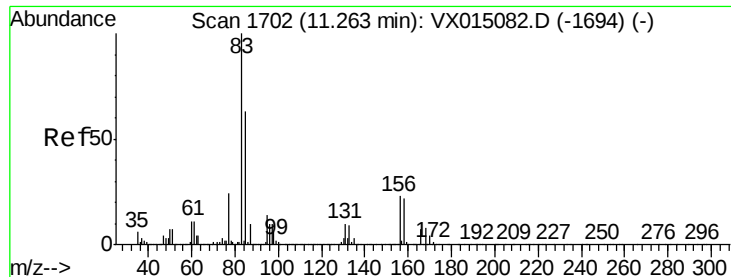
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 19.64 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX015081.D

Acq: 04 Mar 2020 09:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

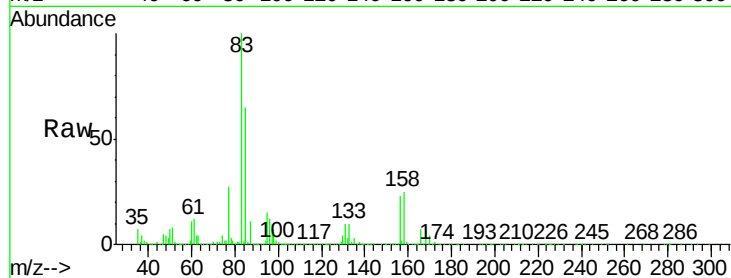
Tgt Ion: 83 Resp: 119390

Ion Ratio Lower Upper

83 100

131 10.6 5.0 14.9

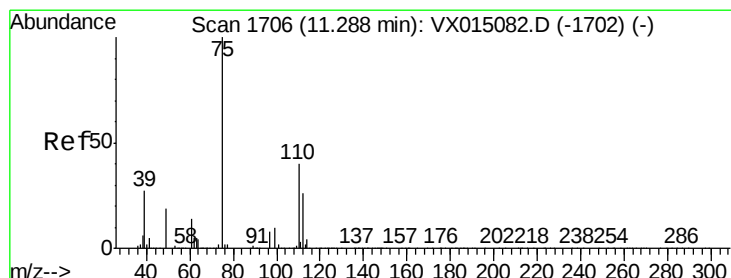
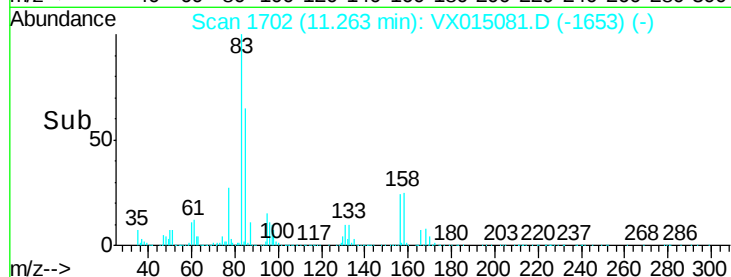
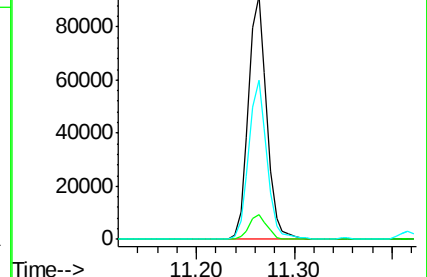
85 65.0 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 24.05 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VX015081.D

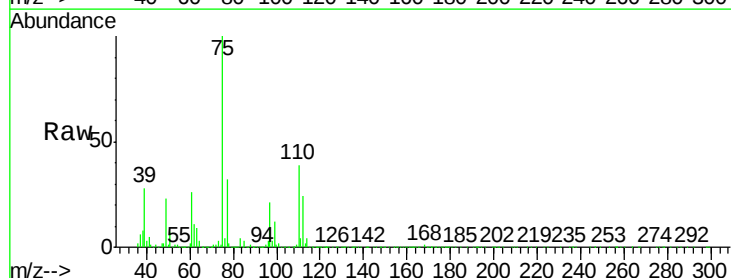
Acq: 04 Mar 2020 09:24

Tgt Ion: 75 Resp: 134758

Ion Ratio Lower Upper

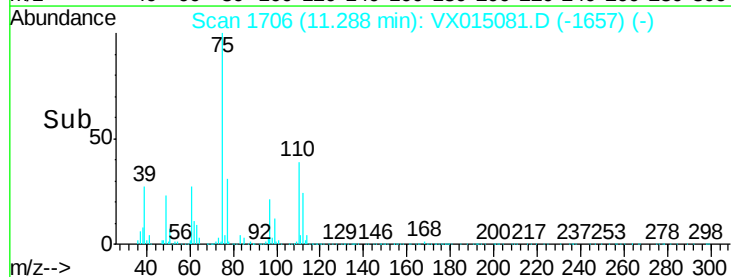
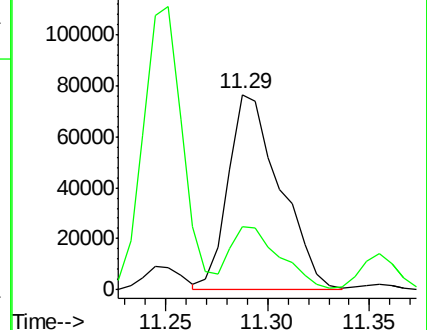
75 100

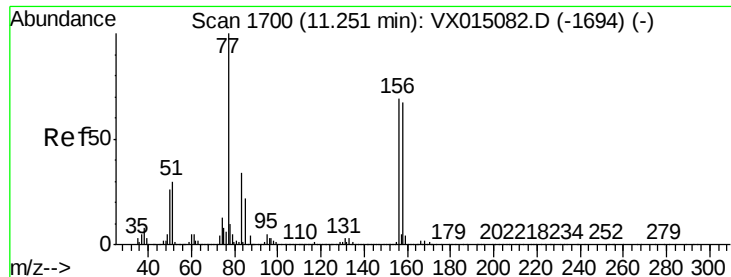
77 30.6 22.6 67.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.31 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX015081.D

Acq: 04 Mar 2020 09:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

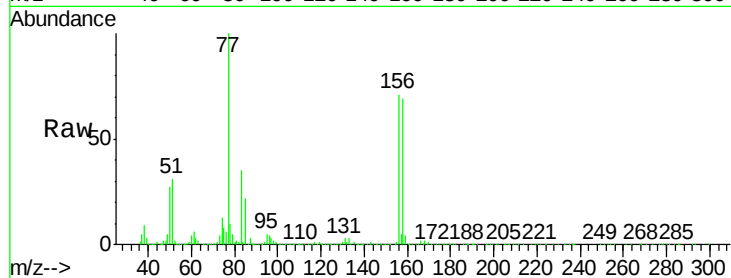
Tgt Ion:156 Resp: 98161

Ion Ratio Lower Upper

156 100

77 151.2 75.3 225.9

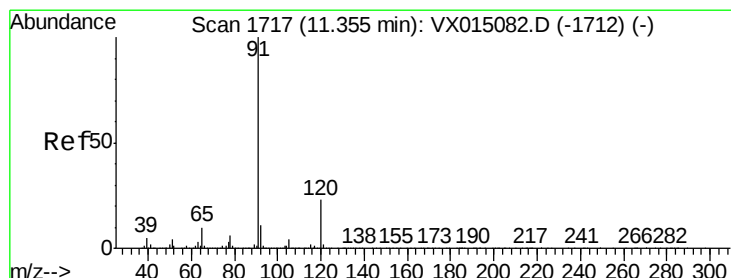
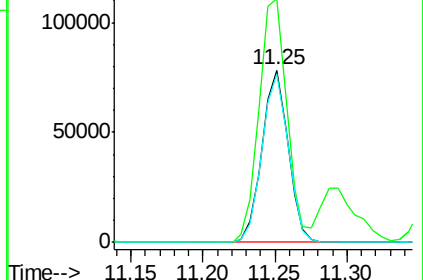
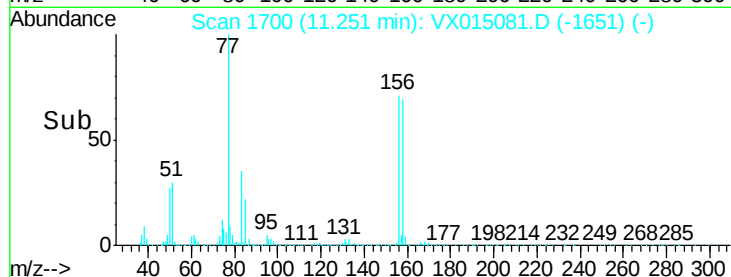
158 98.5 48.5 145.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.46 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX015081.D

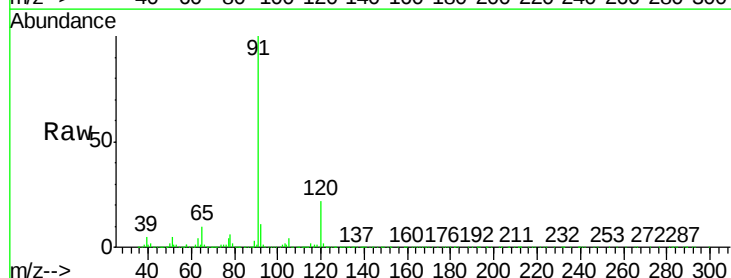
Acq: 04 Mar 2020 09:24

Tgt Ion: 91 Resp: 426340

Ion Ratio Lower Upper

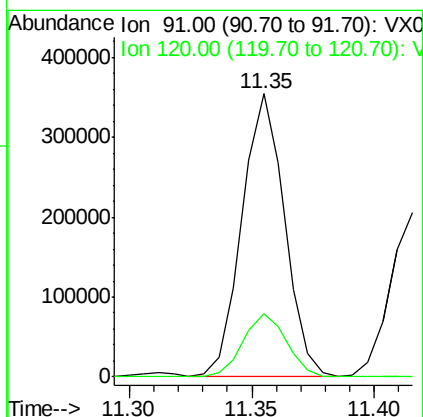
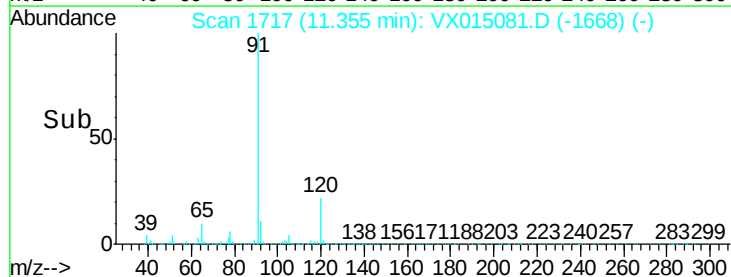
91 100

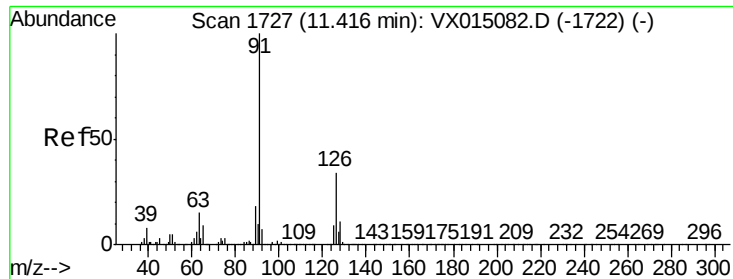
120 23.0 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

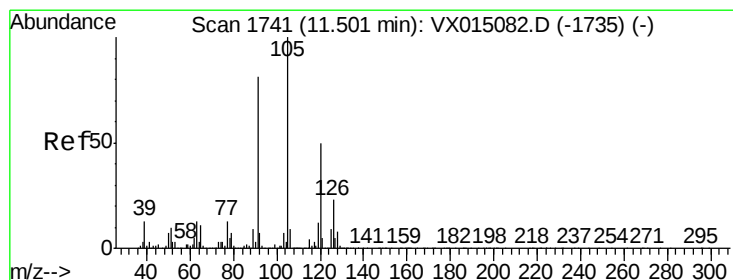
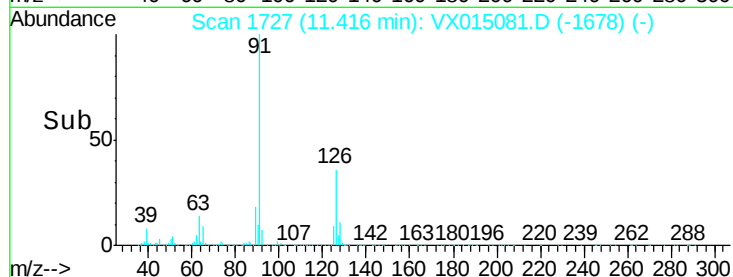
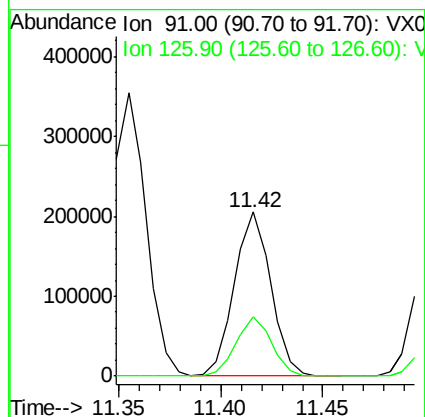
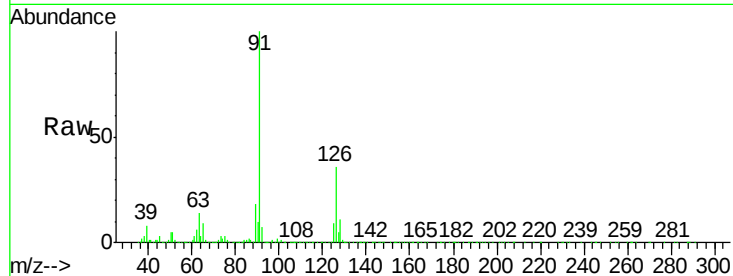




#79
 2-Chlorotoluene
 Concen: 20.32 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. -0.00 min
 Lab File: VX015081.D
 Acq: 04 Mar 2020 09:24

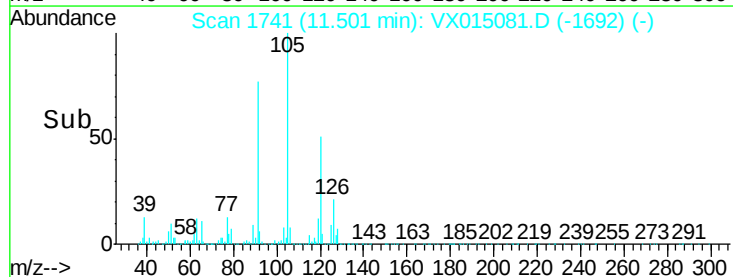
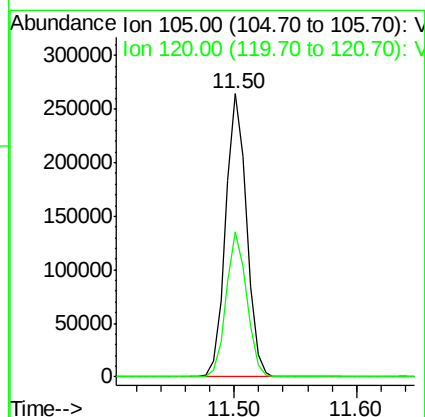
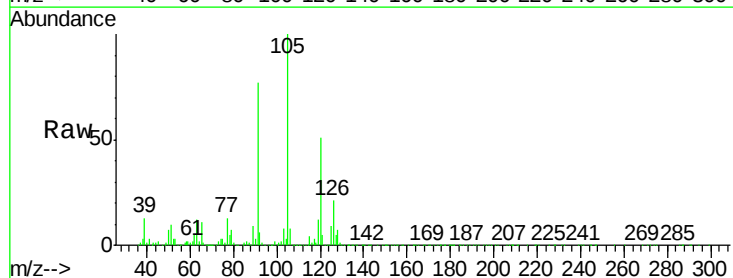
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

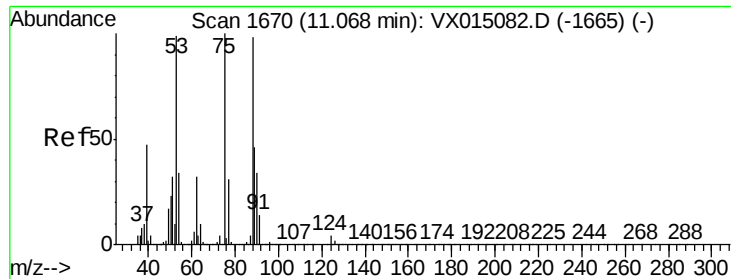
Tgt Ion: 91 Resp: 252918
 Ion Ratio Lower Upper
 91 100
 126 35.5 17.3 52.0



#80
 1,3,5-Trimethylbenzene
 Concen: 20.52 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX015081.D
 Acq: 04 Mar 2020 09:24

Tgt Ion: 105 Resp: 311619
 Ion Ratio Lower Upper
 105 100
 120 50.1 25.1 75.4

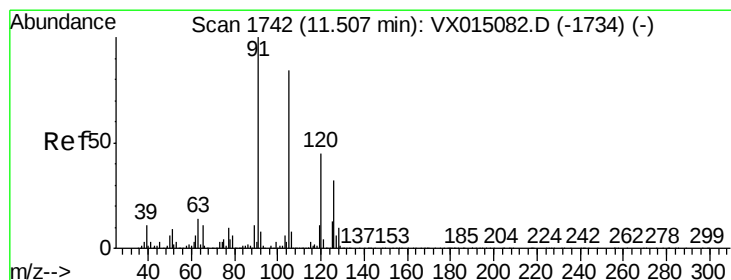
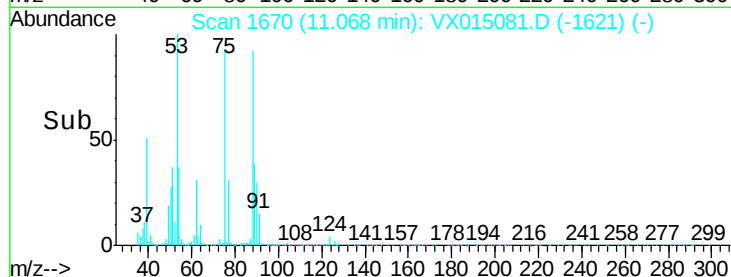
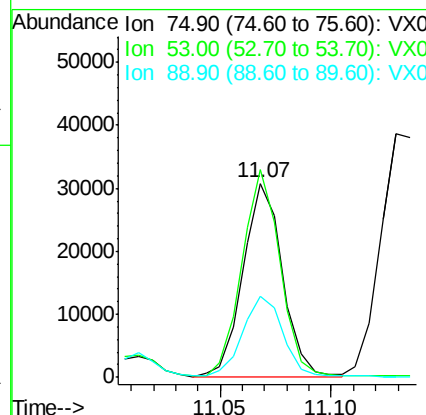
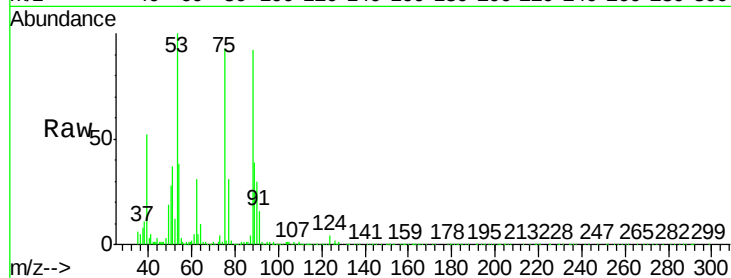




#81
trans-1,4-Dichloro-2-butene
Concen: 18.83 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VX015081.D
Acq: 04 Mar 2020 09:24

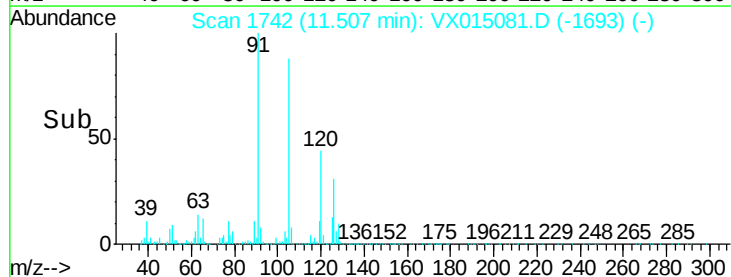
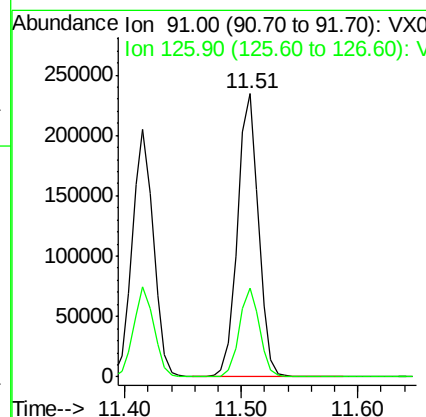
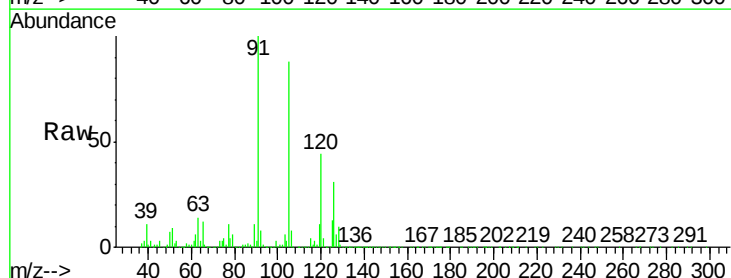
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 75 Resp: 37778
Ion Ratio Lower Upper
75 100
53 102.3 77.9 116.9
89 43.1 36.2 54.2



#82
4-Chlorotoluene
Concen: 20.06 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX015081.D
Acq: 04 Mar 2020 09:24

Tgt Ion: 91 Resp: 294898
Ion Ratio Lower Upper
91 100
126 30.1 15.4 46.2

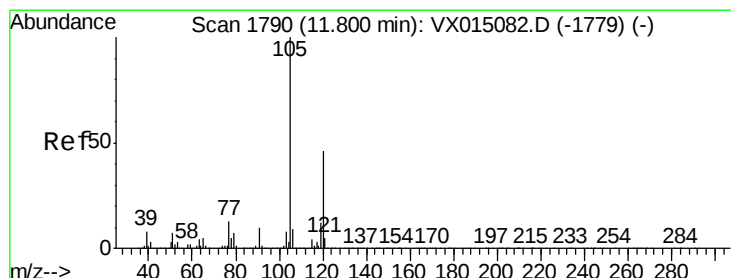
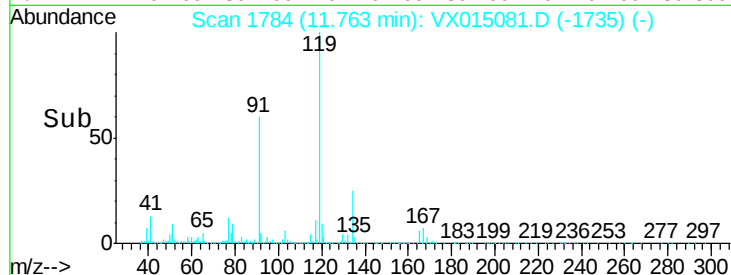
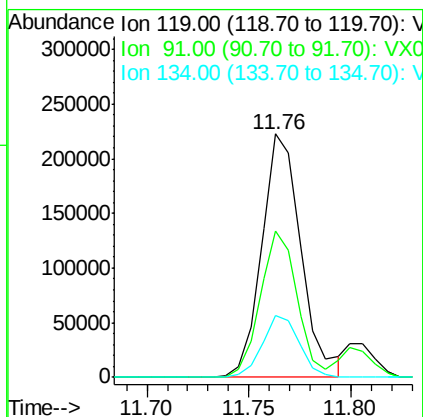
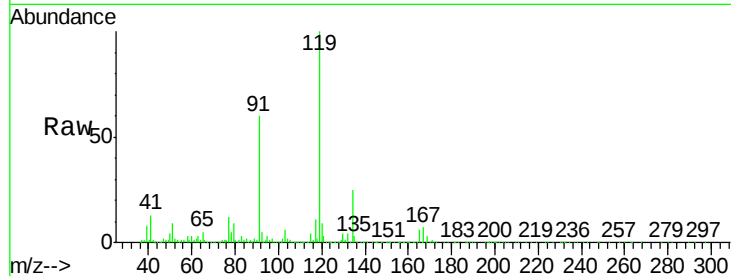




#83
 tert-Butylbenzene
 Concen: 20.34 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. -0.00 min
 Lab File: VX015081.D
 Acq: 04 Mar 2020 09:24

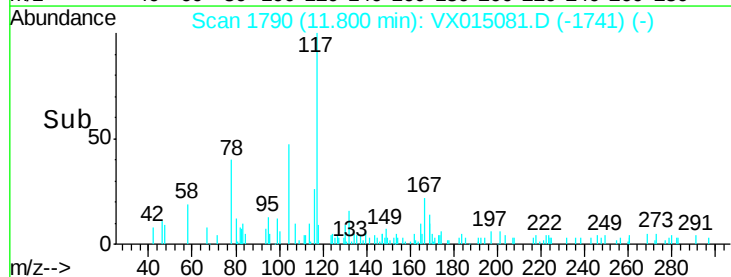
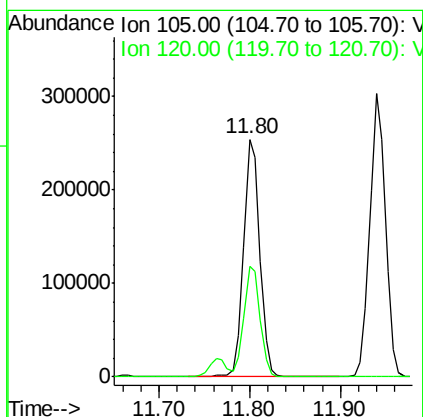
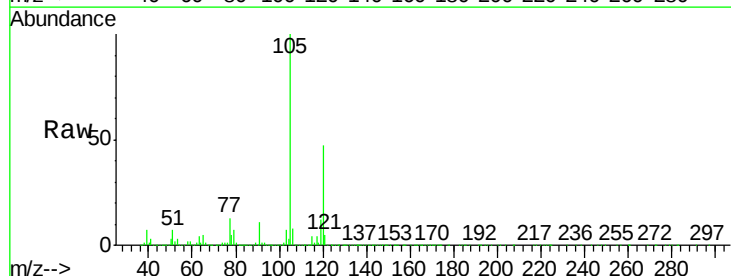
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

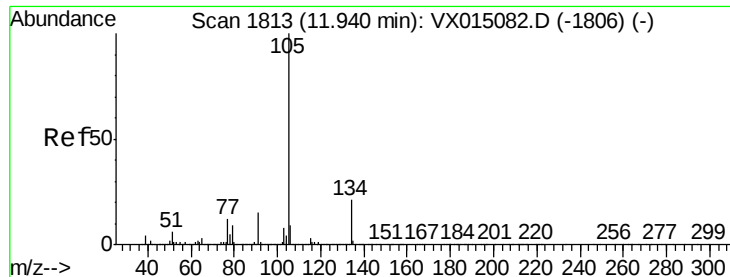
Tgt Ion:119 Resp: 298560
 Ion Ratio Lower Upper
 119 100
 91 56.3 28.5 85.6
 134 23.9 11.9 35.7



#84
 1,2,4-Trimethylbenzene
 Concen: 20.52 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: VX015081.D
 Acq: 04 Mar 2020 09:24

Tgt Ion:105 Resp: 313071
 Ion Ratio Lower Upper
 105 100
 120 46.6 22.9 68.5

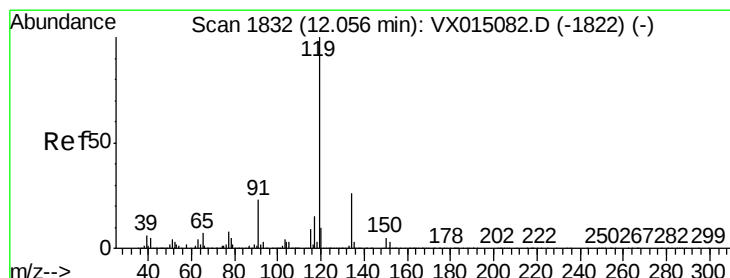
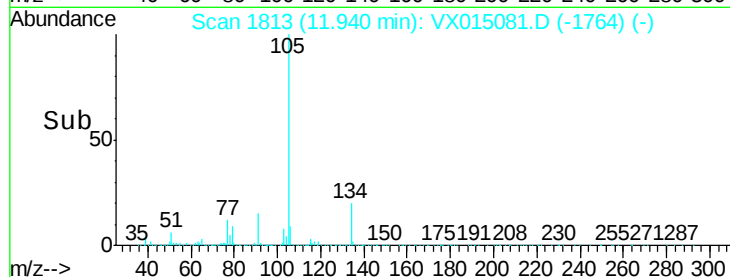
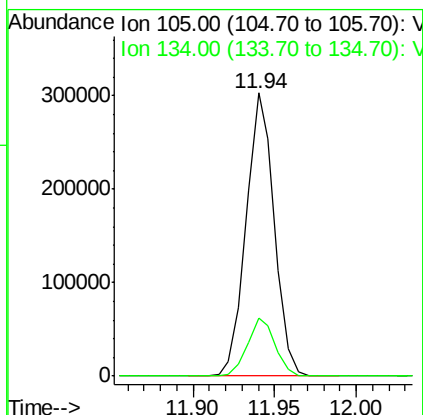
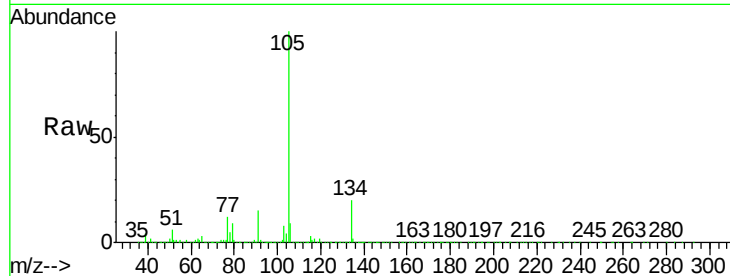




#85
 sec-Butylbenzene
 Concen: 20.48 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: VX015081.D
 Acq: 04 Mar 2020 09:24

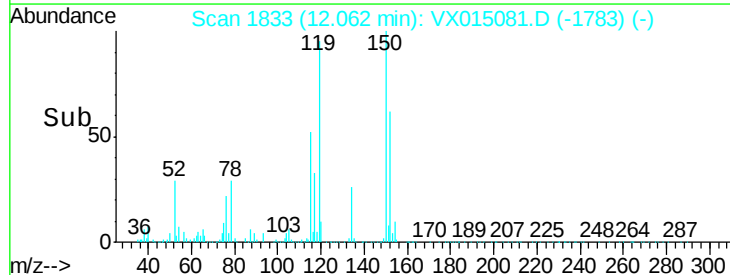
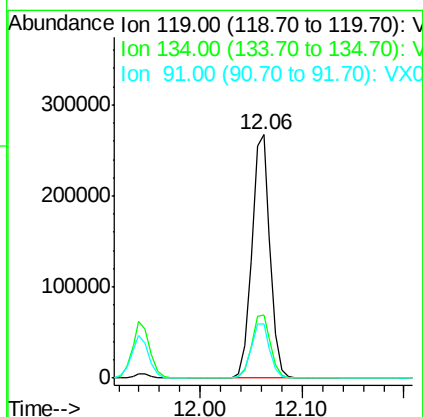
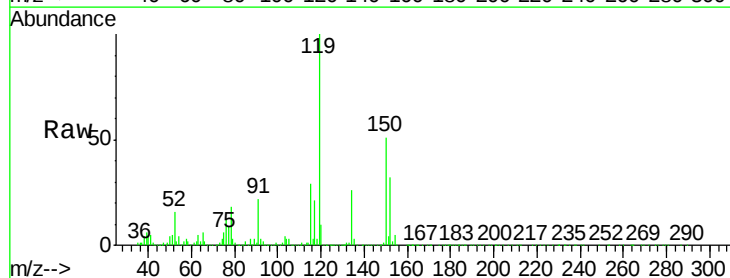
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

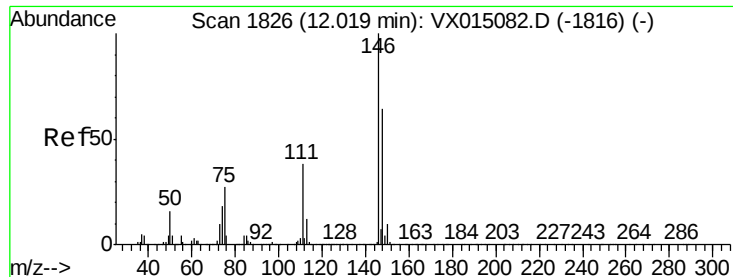
Tgt Ion:105 Resp: 362927
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.4 31.2



#86
 p-Isopropyltoluene
 Concen: 20.39 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. 0.01 min
 Lab File: VX015081.D
 Acq: 04 Mar 2020 09:24

Tgt Ion:119 Resp: 333005
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.4 40.1
 91 23.0 11.3 33.8





#87

1,3-Dichlorobenzene

Concen: 19.52 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. -0.00 min

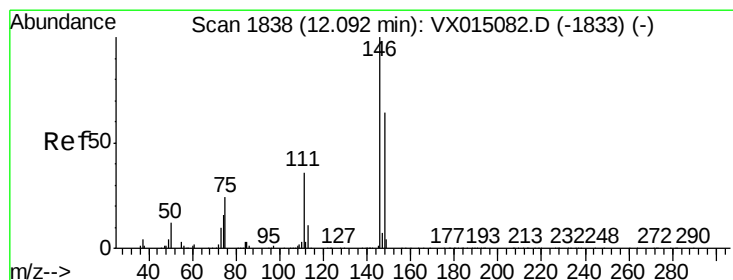
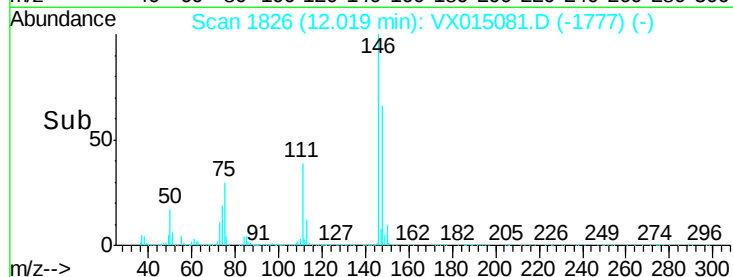
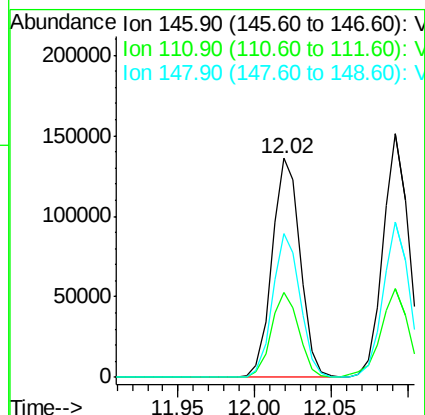
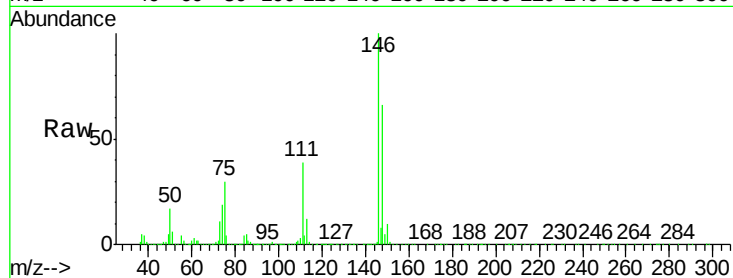
Lab File: VX015081.D

Acq: 04 Mar 2020 09:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:146 Resp: 174417

Ion	Ratio	Lower	Upper
146	100		
111	38.0	19.1	57.1
148	64.7	31.9	95.5



#88

1,4-Dichlorobenzene

Concen: 19.51 ug/l

RT: 12.09 min Scan# 1838

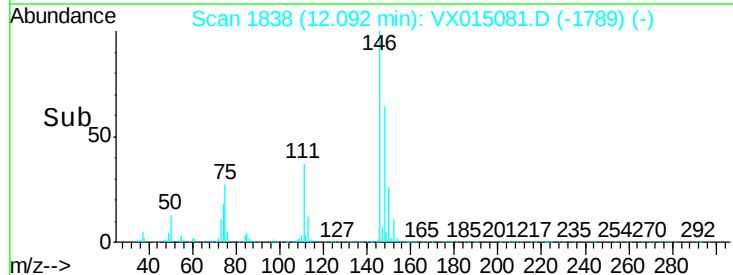
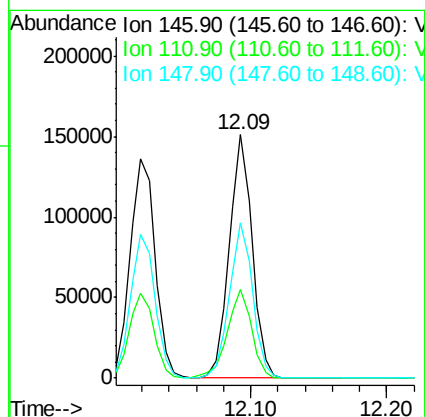
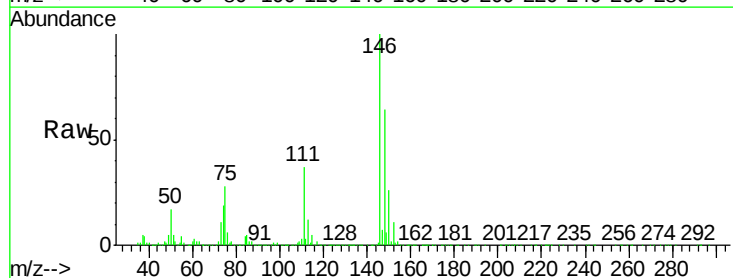
Delta R.T. -0.00 min

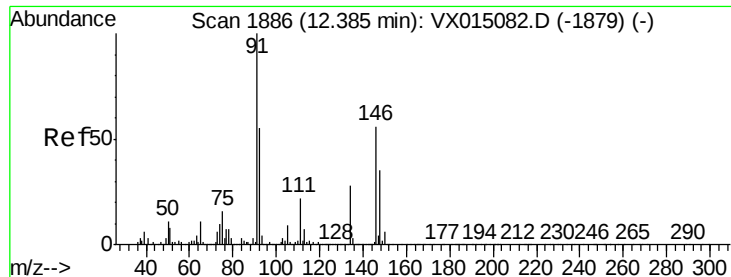
Lab File: VX015081.D

Acq: 04 Mar 2020 09:24

Tgt Ion:146 Resp: 176001

Ion	Ratio	Lower	Upper
146	100		
111	38.3	18.7	56.1
148	64.9	32.5	97.4





#89

n-Butylbenzene

Concen: 19.90 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX015081.D

Acq: 04 Mar 2020 09:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

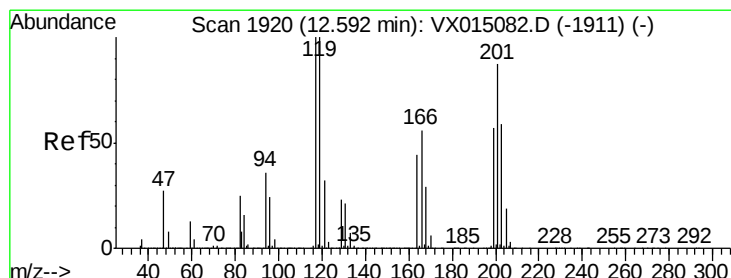
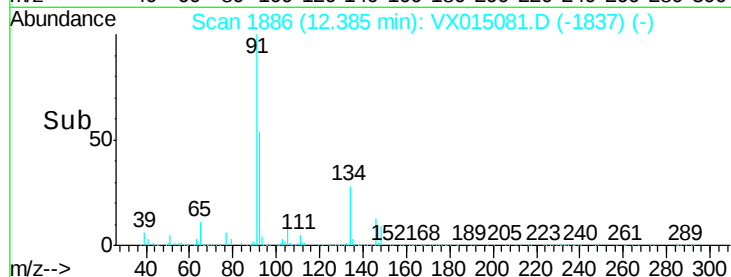
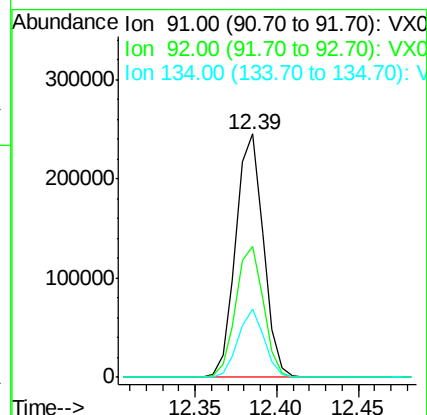
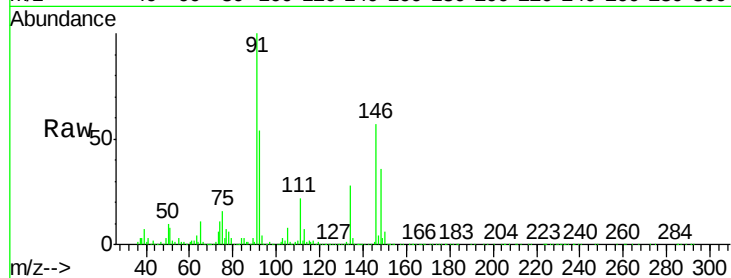
Tgt Ion: 91 Resp: 288999

Ion Ratio Lower Upper

91 100

92 54.2 27.2 81.6

134 26.6 13.5 40.5



#90

Hexachloroethane

Concen: 18.75 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. -0.00 min

Lab File: VX015081.D

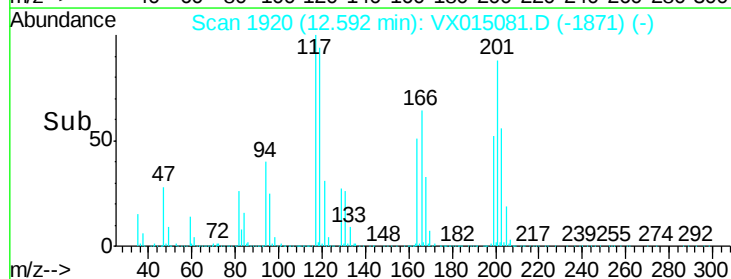
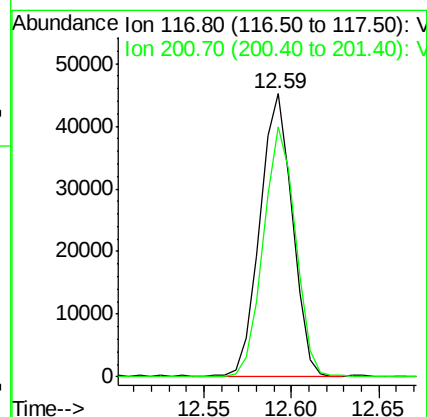
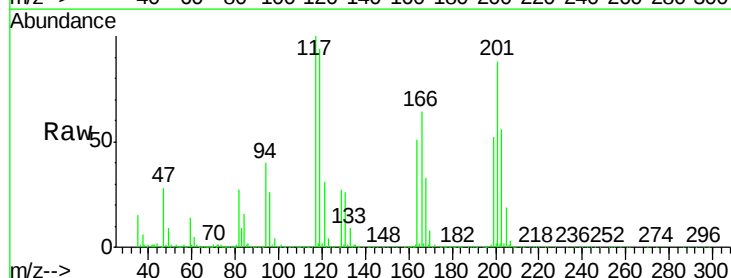
Acq: 04 Mar 2020 09:24

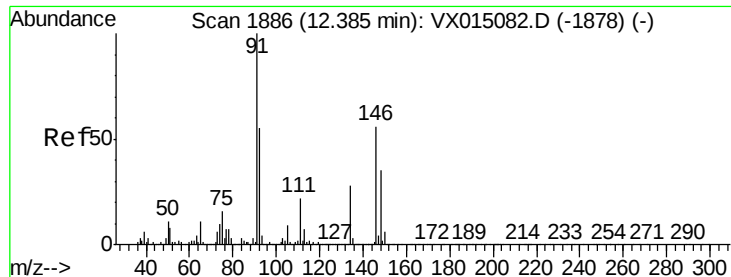
Tgt Ion: 117 Resp: 57878

Ion Ratio Lower Upper

117 100

201 88.3 43.5 130.7





#91

1,2-Dichlorobenzene

Concen: 19.71 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX015081.D

Acq: 04 Mar 2020 09:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

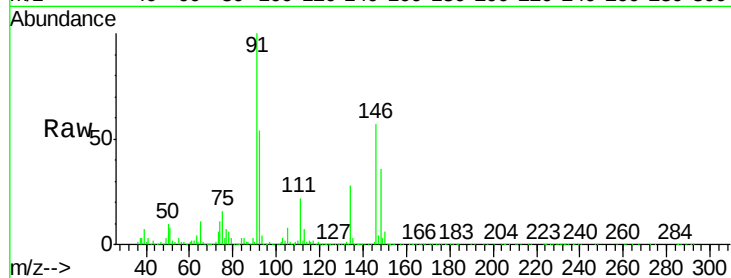
Tgt Ion:146 Resp: 175089

Ion Ratio Lower Upper

146 100

111 38.4 19.9 59.7

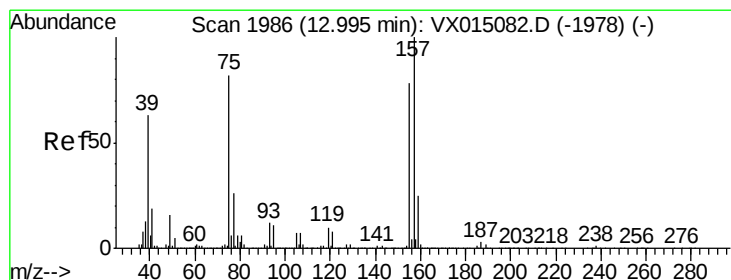
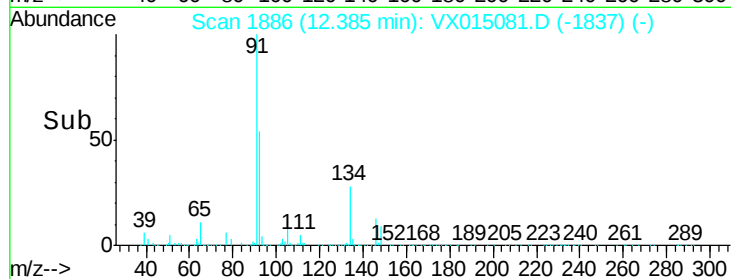
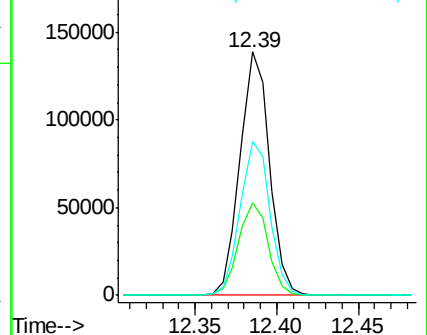
148 64.4 32.3 96.8



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.05 ug/l

RT: 12.99 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX015081.D

Acq: 04 Mar 2020 09:24

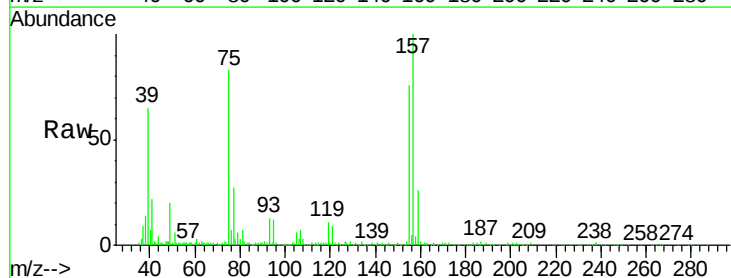
Tgt Ion: 75 Resp: 24400

Ion Ratio Lower Upper

75 100

155 92.1 46.6 139.7

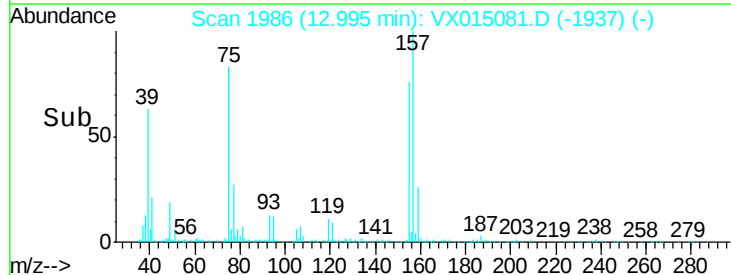
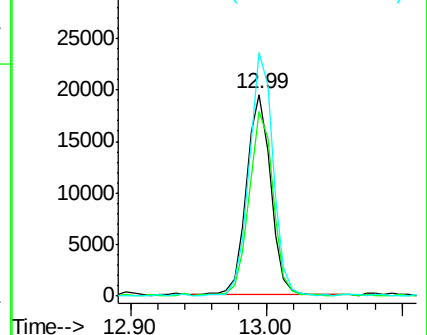
157 119.7 59.2 177.5

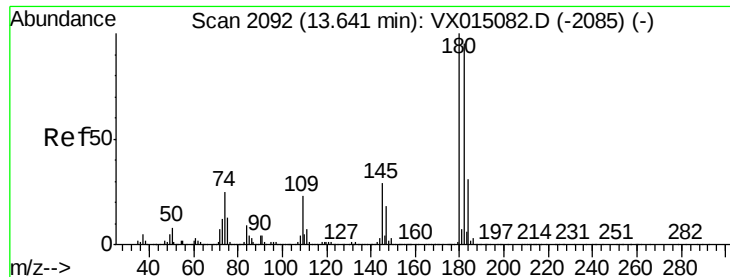


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

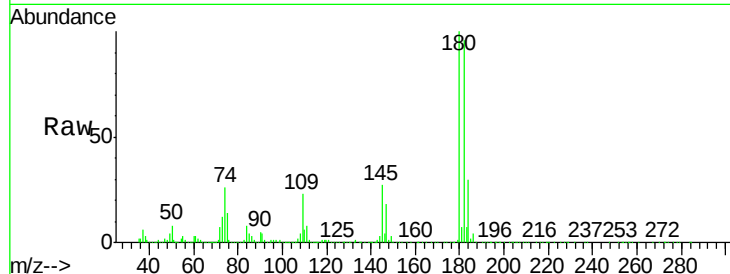




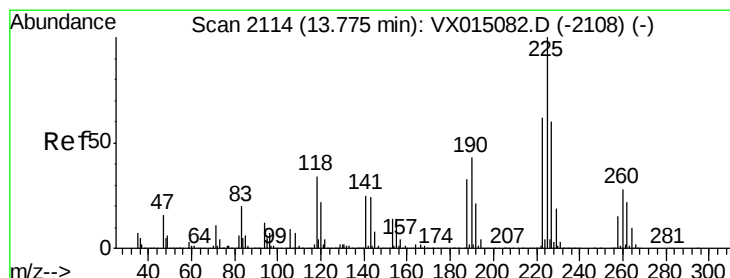
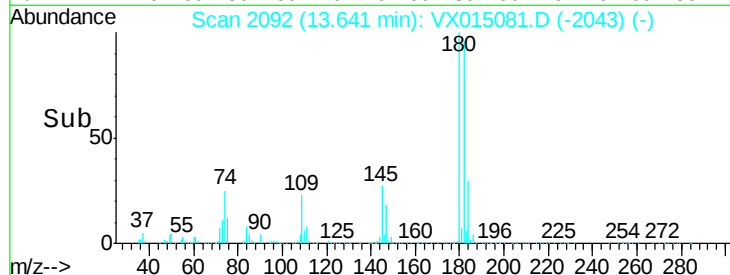
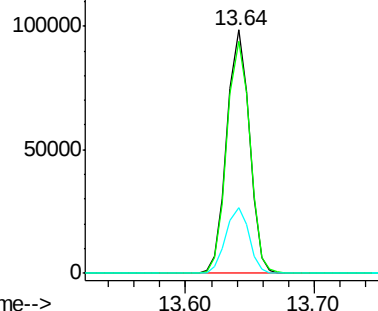
#93
 1,2,4-Trichlorobenzene
 Concen: 19.24 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX015081.D
 Acq: 04 Mar 2020 09:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tgt Ion:180 Resp: 118645
 Ion Ratio Lower Upper
 180 100
 182 97.1 47.6 142.8
 145 28.0 14.1 42.2

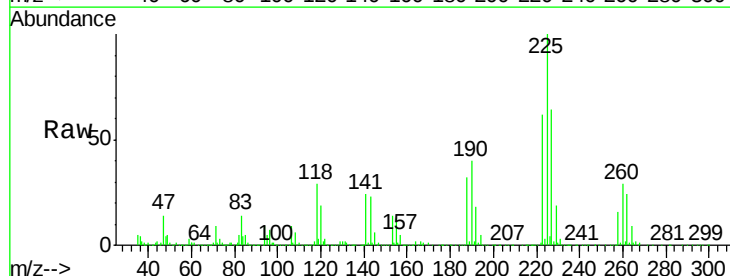


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

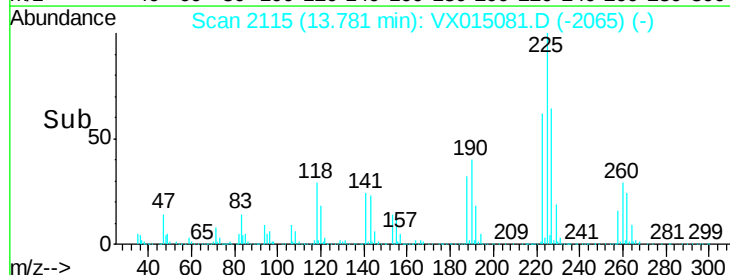
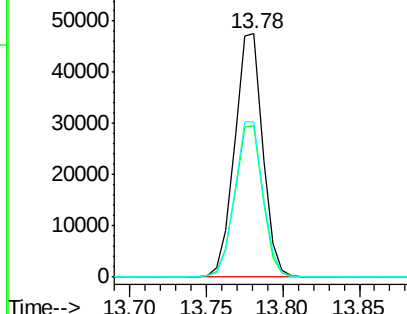


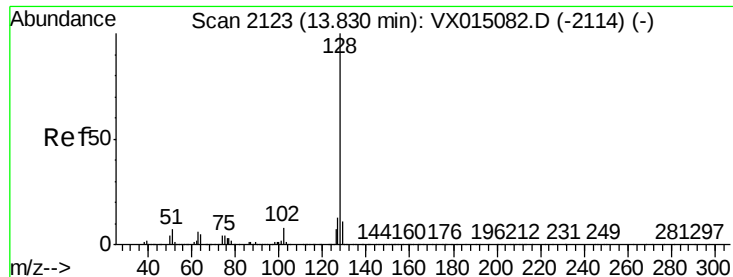
#94
 Hexachlorobutadiene
 Concen: 19.05 ug/l
 RT: 13.78 min Scan# 2115
 Delta R.T. 0.01 min
 Lab File: VX015081.D
 Acq: 04 Mar 2020 09:24

Tgt Ion:225 Resp: 60284
 Ion Ratio Lower Upper
 225 100
 223 62.3 31.3 93.9
 227 64.2 31.1 93.2



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

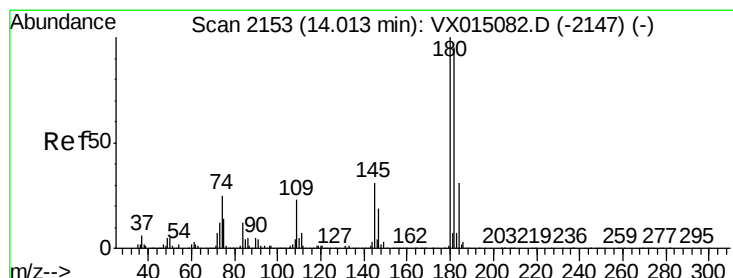
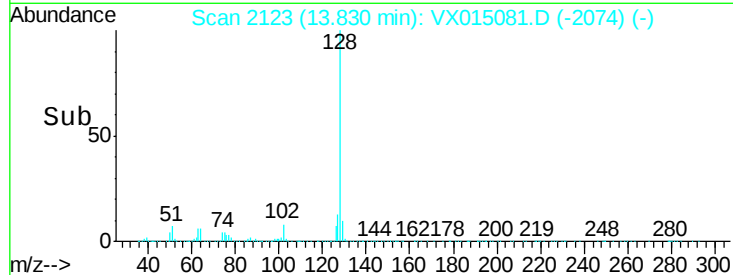
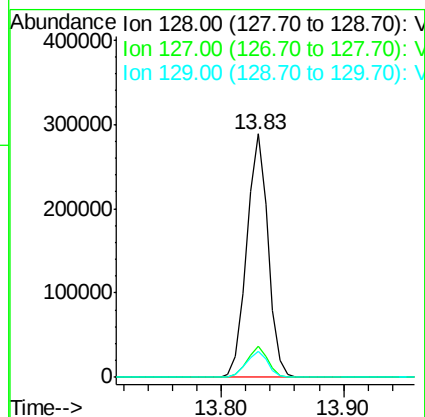
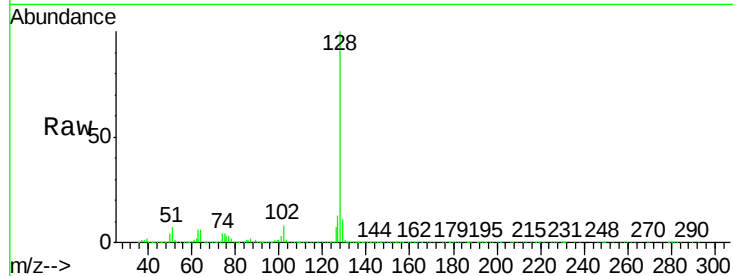




#95
Naphthalene
Concen: 20.60 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX015081.D
Acq: 04 Mar 2020 09:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.3	15.5
129	10.7	8.6	13.0



#96
1,2,3-Trichlorobenzene
Concen: 19.80 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX015081.D
Acq: 04 Mar 2020 09:24

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.3	47.8	143.4
145	30.8	15.1	45.3

