

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX030420\
 Data File : VX015080.D
 Acq On : 04 Mar 2020 09:02
 Operator : JC/SP
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Quant Time: Mar 04 13:15:51 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	397883	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	609656	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	554166	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	274727	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	25331	5.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.74%	
35) Dibromofluoromethane	5.50	113	19927	5.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.36%	
50) Toluene-d8	8.71	98	72846	4.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.96%	
62) 4-Bromofluorobenzene	11.13	95	24883	4.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.54%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	17166	4.93	ug/l	100
3) Chloromethane	1.32	50	26288	5.33	ug/l	98
4) Vinyl Chloride	1.41	62	24621	4.92	ug/l	93
5) Bromomethane	1.65	94	16793	5.46	ug/l	99
6) Chloroethane	1.72	64	15317	5.10	ug/l	99
7) Trichlorofluoromethane	1.93	101	30682	5.15	ug/l	97
8) Diethyl Ether	2.19	74	13779	5.06	ug/l	86
9) 1,1,2-Trichlorotrifluoroet	2.38	101	19857	5.30	ug/l	100
10) Methyl Iodide	2.51	142	16536	3.91	ug/l #	97
11) Tert butyl alcohol	3.05	59	21265	25.97	ug/l	95
12) 1,1-Dichloroethene	2.37	96	19644	5.08	ug/l	97
13) Acrolein	2.29	56	22111	28.73	ug/l	95
14) Allyl chloride	2.72	41	33219	4.93	ug/l	98
15) Acrylonitrile	3.14	53	51884	25.44	ug/l	99
16) Acetone	2.44	43	47307	24.75	ug/l	100
17) Carbon Disulfide	2.57	76	52479	4.89	ug/l	98
18) Methyl Acetate	2.77	43	23468	5.02	ug/l	98
19) Methyl tert-butyl Ether	3.19	73	60315	4.99	ug/l	99
20) Methylene Chloride	2.86	84	23664	5.29	ug/l	90
21) trans-1,2-Dichloroethene	3.16	96	21400	5.18	ug/l	92
22) Diisopropyl ether	3.85	45	69685	5.19	ug/l	98
23) Vinyl Acetate	3.81	43	269178	24.38	ug/l	100
24) 1,1-Dichloroethane	3.69	63	39565	5.31	ug/l	100
25) 2-Butanone	4.67	43	69206	24.73	ug/l	98
26) 2,2-Dichloropropane	4.58	77	29617	5.00	ug/l	96
27) cis-1,2-Dichloroethene	4.59	96	22915	4.95	ug/l	95
28) Bromochloromethane	5.01	49	17779	5.24	ug/l	99
29) Tetrahydrofuran	5.13	42	43121	23.90	ug/l	99
30) Chloroform	5.20	83	39374	5.42	ug/l	91
31) Cyclohexane	5.57	56	33406	5.02	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	30687	5.09	ug/l	98
36) 1,1-Dichloropropene	5.79	75	28007	4.97	ug/l	99
37) Ethyl Acetate	4.83	43	25463	4.87	ug/l #	93
38) Carbon Tetrachloride	5.78	117	25280	4.75	ug/l	89

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 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Quant Time: Mar 04 13:15:51 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)
39) Methylcyclohexane	7.46	83	32575	4.95	ug/l	95
40) Benzene	6.14	78	87049	5.20	ug/l	98
41) Methacrylonitrile	5.03	41	15256	5.26	ug/l	92
42) 1,2-Dichloroethane	6.18	62	30162	5.25	ug/l	96
43) Isopropyl Acetate	6.43	43	44168	4.80	ug/l	99
44) Trichloroethene	7.21	130	23934	5.14	ug/l	98
45) 1,2-Dichloropropane	7.51	63	22957	5.30	ug/l	98
46) Dibromomethane	7.66	93	14402	5.10	ug/l	99
47) Bromodichloromethane	7.89	83	26862	4.81	ug/l	98
48) Methyl methacrylate	7.76	41	21776	4.65	ug/l	98
49) 1,4-Dioxane	7.75	88	10170	100.66	ug/l	89
51) 4-Methyl-2-Pentanone	8.64	43	133917	24.61	ug/l	99
52) Toluene	8.78	92	52944	5.18	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	27023	4.52	ug/l	94
54) cis-1,3-Dichloropropene	8.43	75	30955	4.61	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	21812	5.18	ug/l	95
56) Ethyl methacrylate	9.17	69	27044	4.50	ug/l	97
57) 1,3-Dichloropropane	9.37	76	36458	5.15	ug/l	95
58) 2-Chloroethyl Vinyl ether	8.31	63	77863	23.80	ug/l	98
59) 2-Hexanone	9.49	43	98109	24.33	ug/l	99
60) Dibromochloromethane	9.57	129	19922	4.50	ug/l	95
61) 1,2-Dibromoethane	9.67	107	23358	5.28	ug/l	98
64) Tetrachloroethene	9.33	164	23646	5.16	ug/l	94
65) Chlorobenzene	10.14	112	57986	5.21	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	20961	5.00	ug/l	97
67) Ethyl Benzene	10.25	91	93498	4.95	ug/l	98
68) m/p-Xylenes	10.35	106	71951	10.01	ug/l	99
69) o-Xylene	10.70	106	32973	4.79	ug/l	98
70) Styrene	10.71	104	55165	4.68	ug/l	100
71) Bromoform	10.85	173	15266	4.69	ug/l #	99
73) Isopropylbenzene	11.01	105	88539	5.05	ug/l	97
74) N-amyl acetate	10.89	43	32643	4.41	ug/l #	96
75) 1,1,2,2-Tetrachloroethane	11.26	83	31168	5.33	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	32699	6.06	ug/l	78
77) Bromobenzene	11.25	156	25354	5.18	ug/l	96
78) n-propylbenzene	11.35	91	101538	5.06	ug/l	99
79) 2-Chlorotoluene	11.42	91	63583	5.31	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	71787	4.91	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	8307	4.30	ug/l	96
82) 4-Chlorotoluene	11.51	91	70549	4.99	ug/l	99
83) tert-Butylbenzene	11.76	119	69896	4.95	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	72412	4.93	ug/l	98
85) sec-Butylbenzene	11.94	105	85097	4.99	ug/l	99
86) p-Isopropyltoluene	12.06	119	75692	4.82	ug/l	96
87) 1,3-Dichlorobenzene	12.02	146	43806	5.09	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	45605	5.25	ug/l	97
89) n-Butylbenzene	12.38	91	63952	4.58	ug/l	99
90) Hexachloroethane	12.59	117	13369	4.50	ug/l	93
91) 1,2-Dichlorobenzene	12.38	146	42570	4.98	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	12.99	75	5260	4.49	ug/l	92

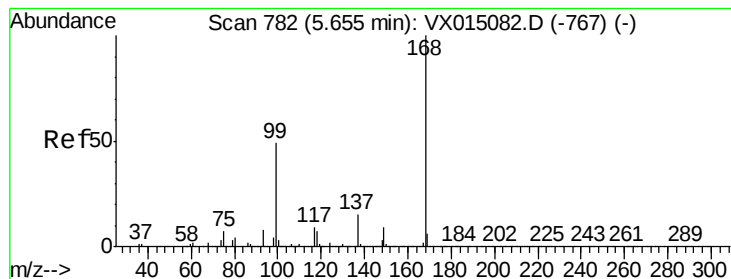
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX030420\
Data File : VX015080.D
Acq On : 04 Mar 2020 09:02
Operator : JC/SP
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MSVOA_X
ClientSampleId :
VSTDICC005

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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)
93) 1,2,4-Trichlorobenzene	13.64	180	26526	4.47	ug/l	94
94) Hexachlorobutadiene	13.77	225	14449	4.75	ug/l	93
95) Naphthalene	13.83	128	70519	4.35	ug/l	97
96) 1,2,3-Trichlorobenzene	14.01	180	28309	4.78	ug/l	98

(#) = 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: VX015080.D

Acq: 04 Mar 2020 09:02

Instrument :

MSVOA_X

ClientSampleId :

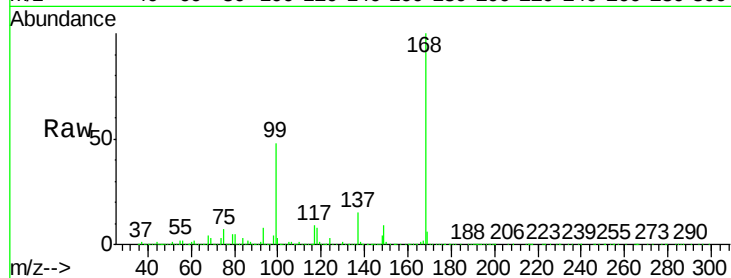
VSTDIC005

Tgt Ion:168 Resp: 397883

Ion Ratio Lower Upper

168 100

99 48.0 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

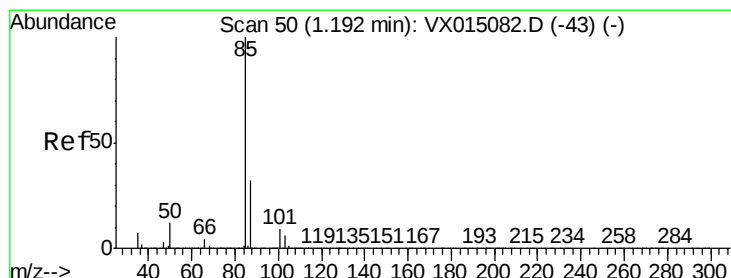
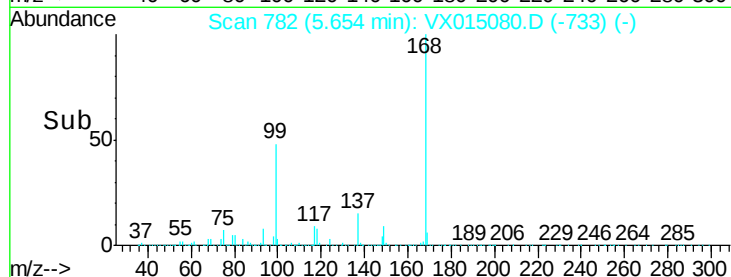
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 4.93 ug/l

RT: 1.19 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX015080.D

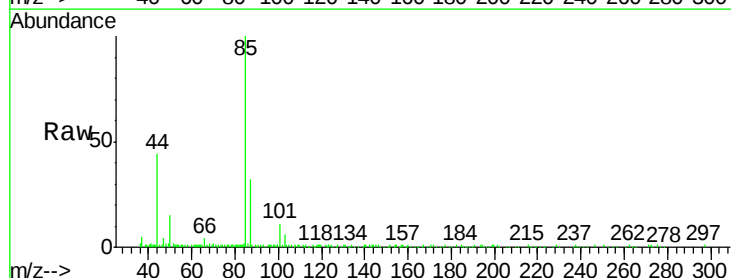
Acq: 04 Mar 2020 09:02

Tgt Ion: 85 Resp: 17166

Ion Ratio Lower Upper

85 100

87 32.4 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

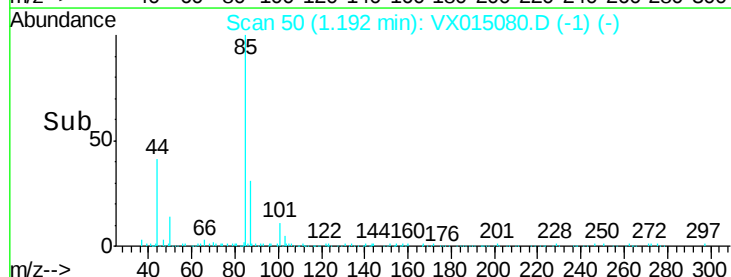
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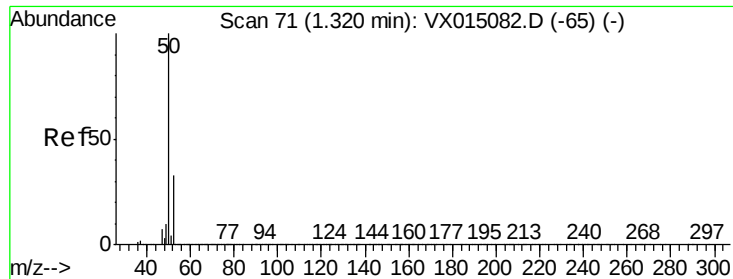
10000

5000

0

Time--> 1.10 1.15 1.20 1.25





#3

Chloromethane

Concen: 5.33 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX015080.D

Acq: 04 Mar 2020 09:02

Instrument :

MSVOA_X

ClientSampleId :

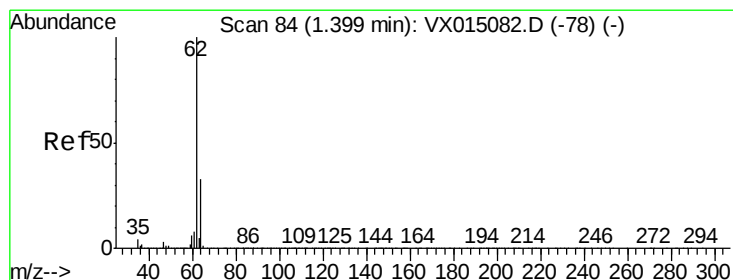
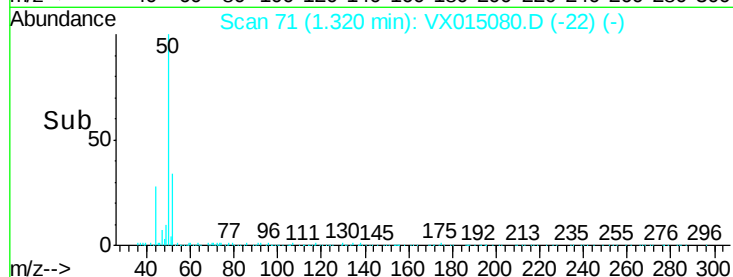
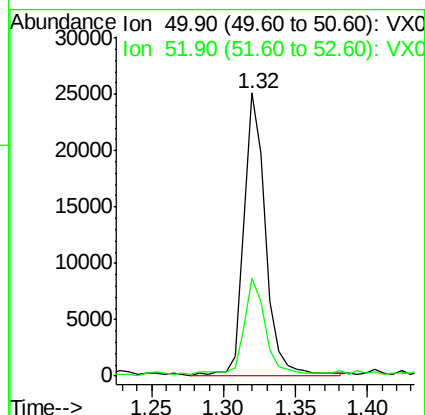
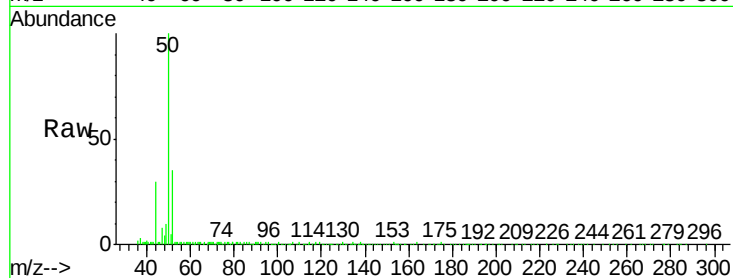
VSTDIC005

Tgt Ion: 50 Resp: 26288

Ion Ratio Lower Upper

50 100

52 33.9 26.2 39.2



#4

Vinyl Chloride

Concen: 4.92 ug/l

RT: 1.41 min Scan# 85

Delta R.T. 0.01 min

Lab File: VX015080.D

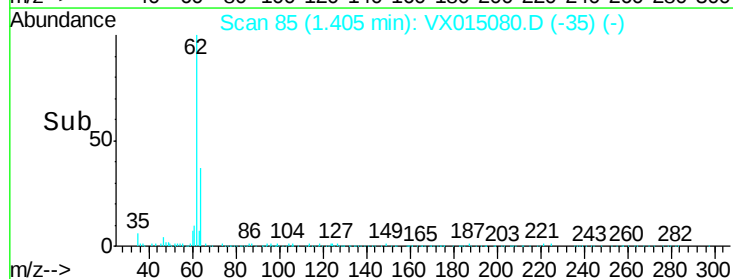
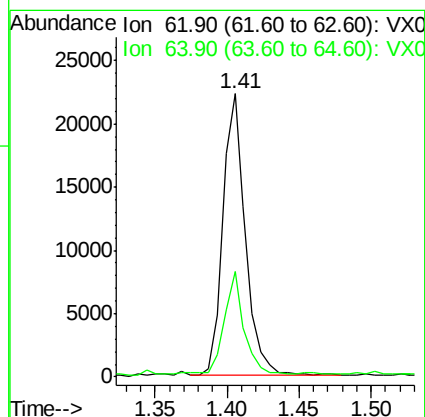
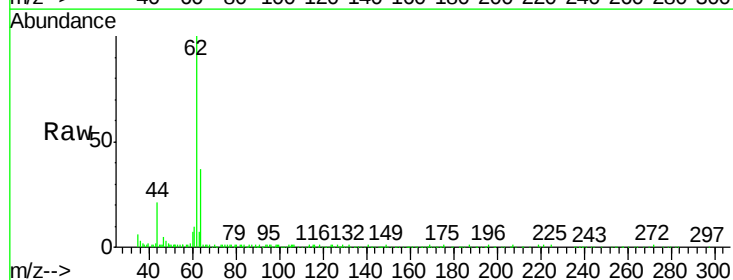
Acq: 04 Mar 2020 09:02

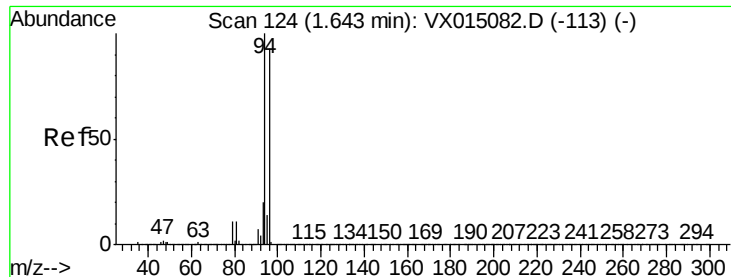
Tgt Ion: 62 Resp: 24621

Ion Ratio Lower Upper

62 100

64 36.5 26.1 39.1





#5

Bromomethane

Concen: 5.46 ug/l

RT: 1.65 min Scan# 125

Delta R.T. 0.01 min

Lab File: VX015080.D

Acq: 04 Mar 2020 09:02

Instrument :

MSVOA_X

ClientSampleId :

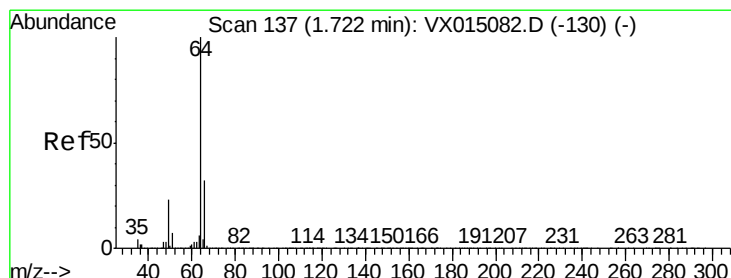
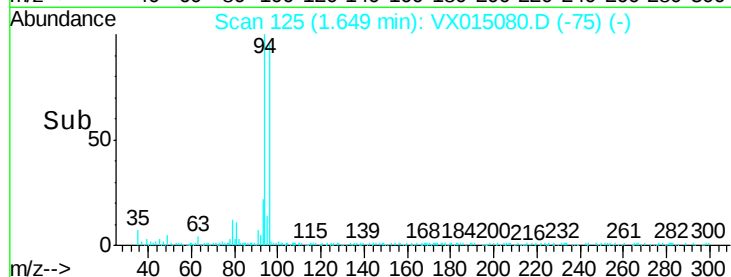
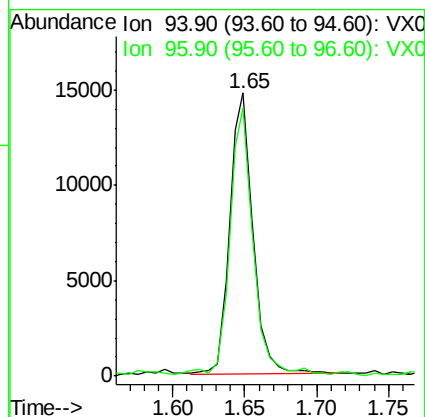
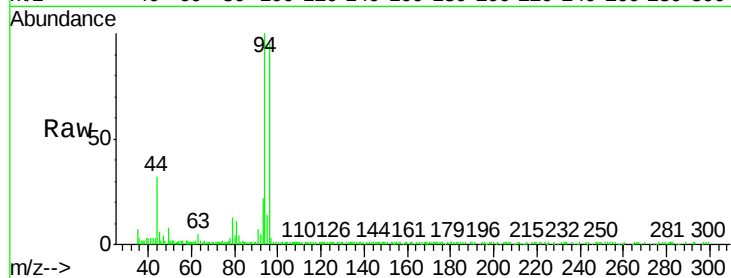
VSTDIC005

Tgt Ion: 94 Resp: 16793

Ion Ratio Lower Upper

94 100

96 94.3 74.6 111.8



#6

Chloroethane

Concen: 5.10 ug/l

RT: 1.72 min Scan# 137

Delta R.T. -0.00 min

Lab File: VX015080.D

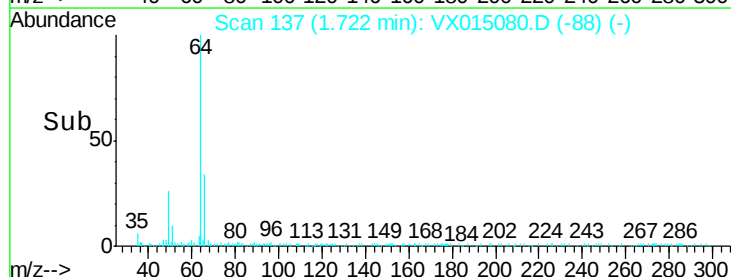
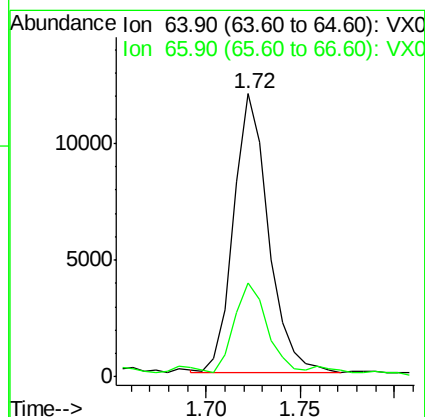
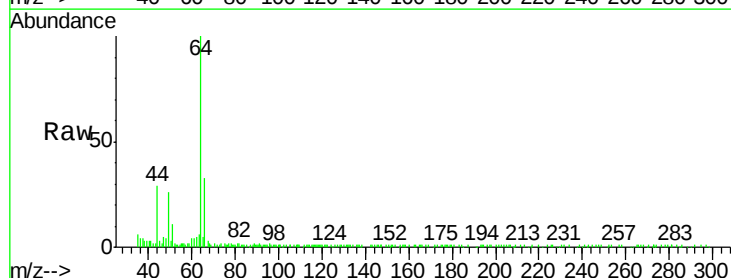
Acq: 04 Mar 2020 09:02

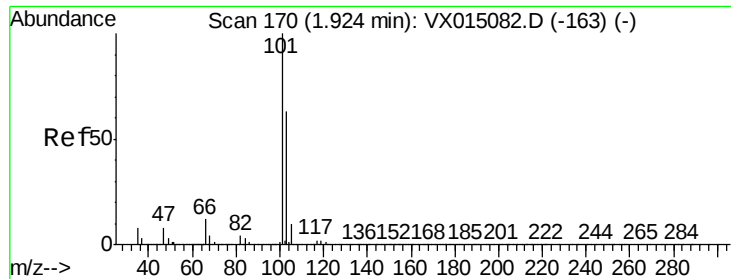
Tgt Ion: 64 Resp: 15317

Ion Ratio Lower Upper

64 100

66 31.5 25.8 38.8





#7

Trichlorofluoromethane

Concen: 5.15 ug/l

RT: 1.93 min Scan# 171

Delta R.T. 0.01 min

Lab File: VX015080.D

Acq: 04 Mar 2020 09:02

Instrument :

MSVOA_X

ClientSampleId :

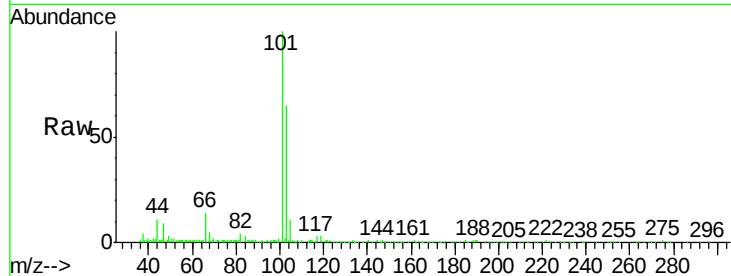
VSTDIC005

Tgt Ion:101 Resp: 30682

Ion Ratio Lower Upper

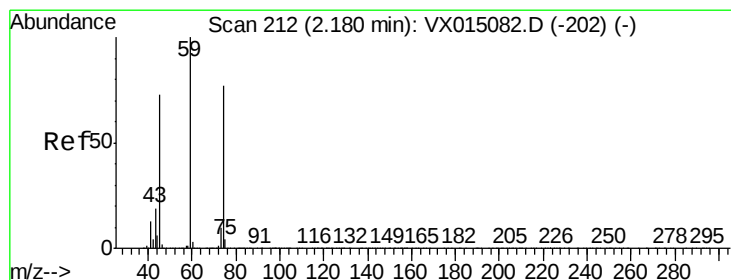
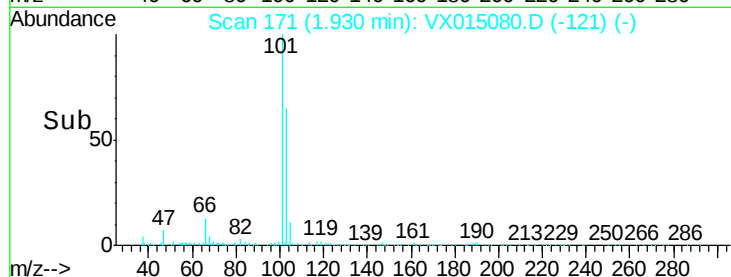
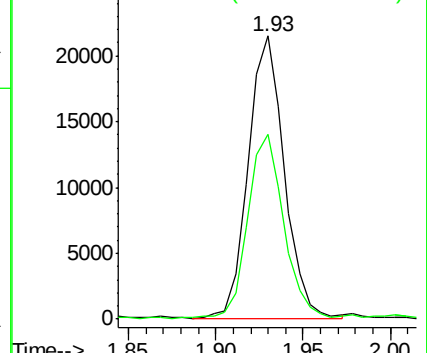
101 100

103 65.0 50.4 75.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 5.06 ug/l

RT: 2.19 min Scan# 213

Delta R.T. 0.01 min

Lab File: VX015080.D

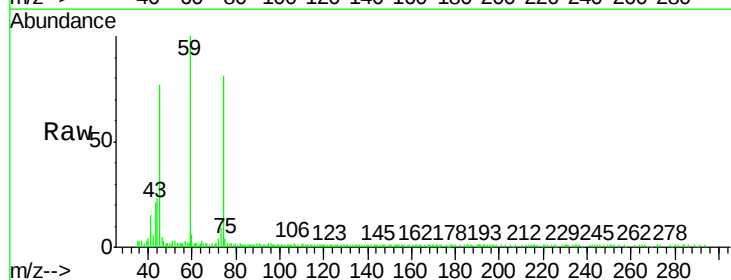
Acq: 04 Mar 2020 09:02

Tgt Ion: 74 Resp: 13779

Ion Ratio Lower Upper

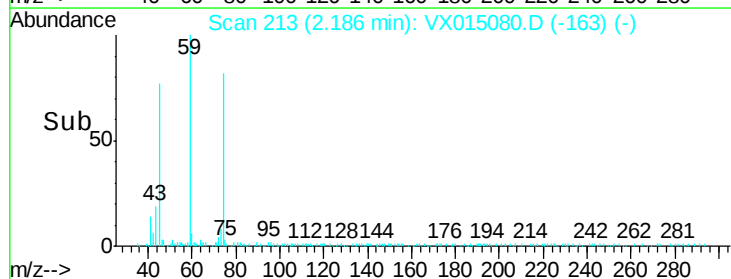
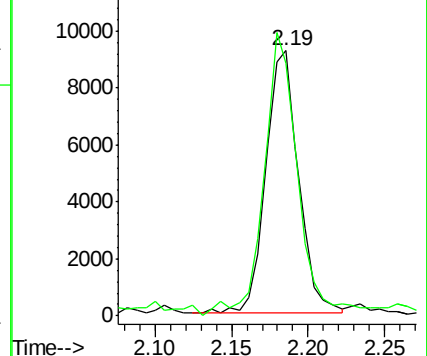
74 100

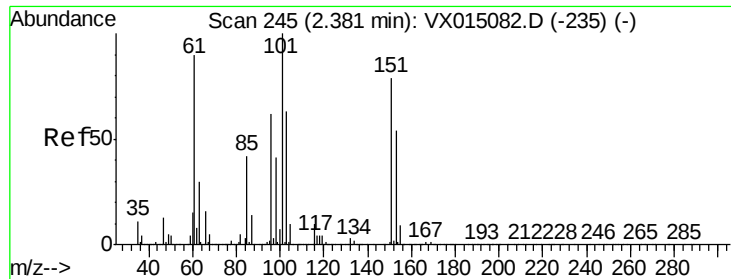
45 112.0 49.2 147.6



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.30 ug/l

RT: 2.38 min Scan# 245

Delta R.T. -0.00 min

Lab File: VX015080.D

Acq: 04 Mar 2020 09:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

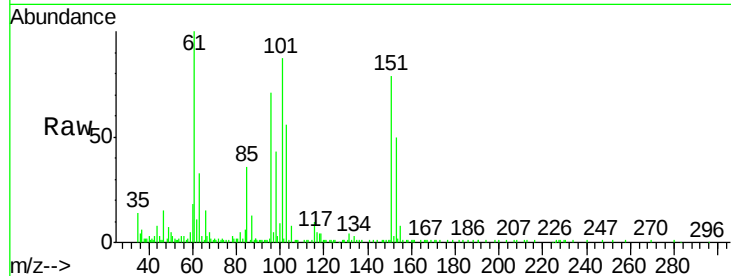
Tgt Ion:101 Resp: 19857

Ion Ratio Lower Upper

101 100

85 41.6 33.7 50.5

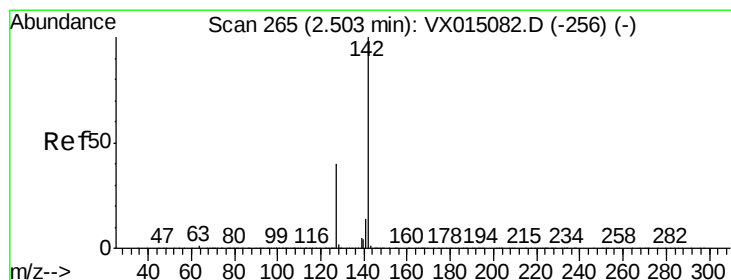
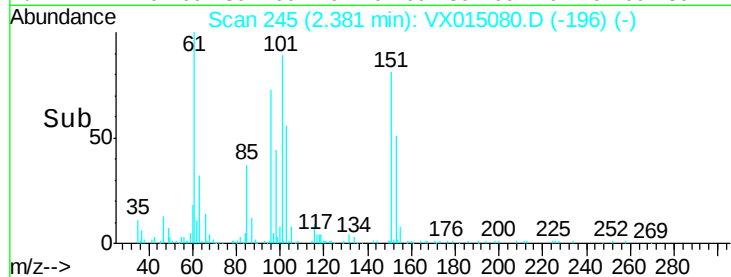
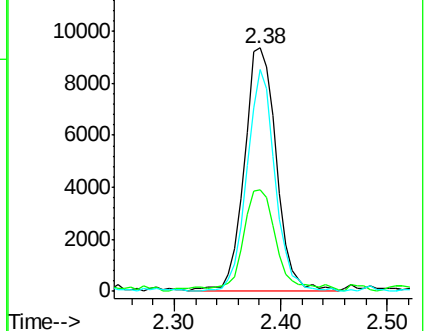
151 80.3 64.0 96.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 3.91 ug/l

RT: 2.51 min Scan# 266

Delta R.T. 0.01 min

Lab File: VX015080.D

Acq: 04 Mar 2020 09:02

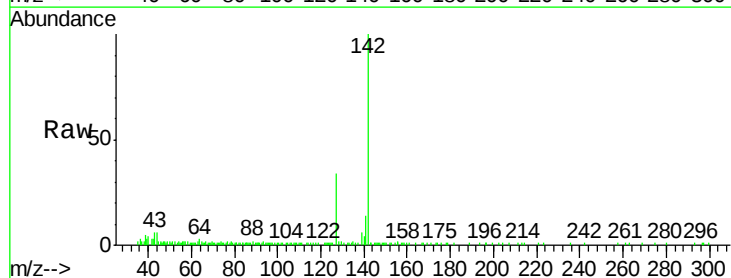
Tgt Ion:142 Resp: 16536

Ion Ratio Lower Upper

142 100

127 40.4 31.7 47.5

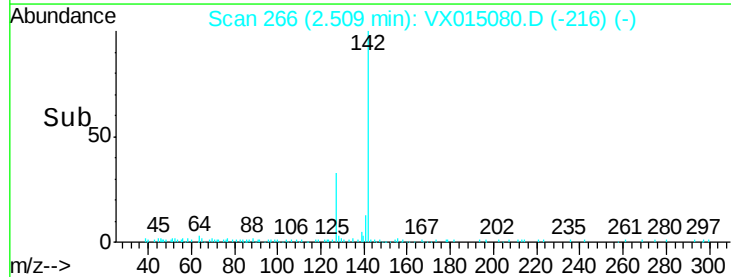
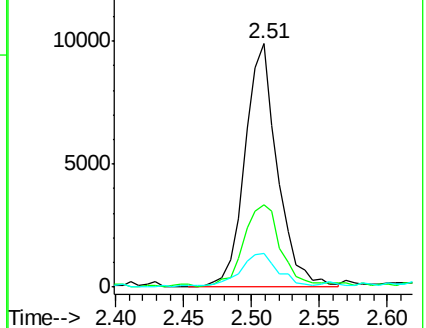
141 17.1 11.3 16.9#

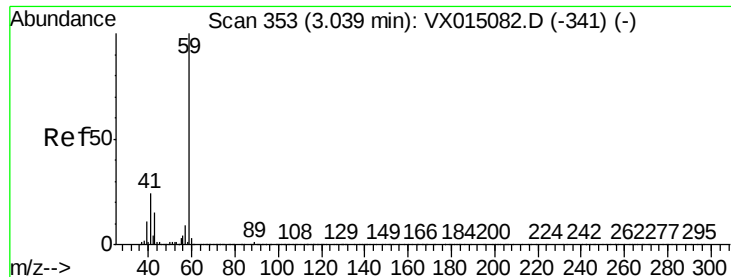


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 25.97 ug/l

RT: 3.05 min Scan# 355

Delta R.T. 0.01 min

Lab File: VX015080.D

Acq: 04 Mar 2020 09:02

Instrument :

MSVOA_X

ClientSampleId :

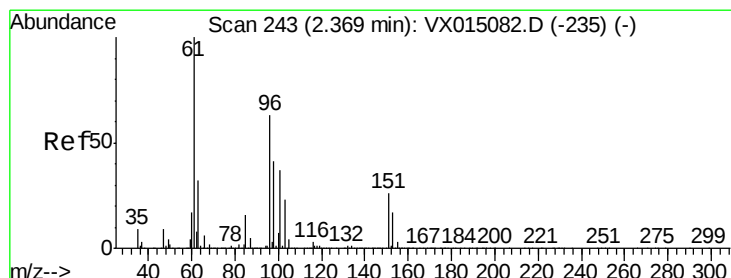
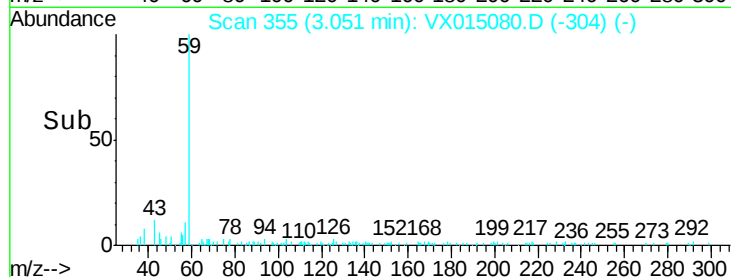
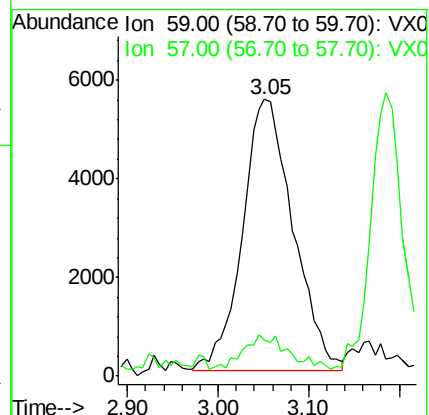
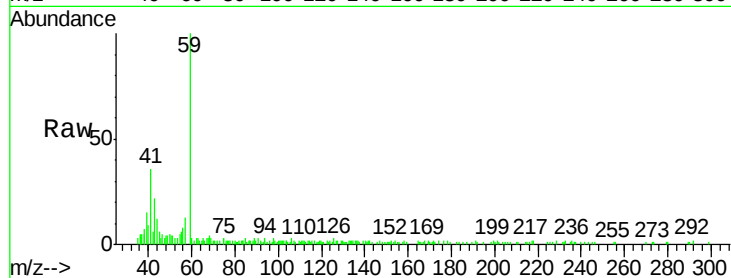
VSTDIC005

Tgt Ion: 59 Resp: 21265

Ion Ratio Lower Upper

59 100

57 8.4 8.2 12.4



#12

1,1-Dichloroethene

Concen: 5.08 ug/l

RT: 2.37 min Scan# 243

Delta R.T. -0.00 min

Lab File: VX015080.D

Acq: 04 Mar 2020 09:02

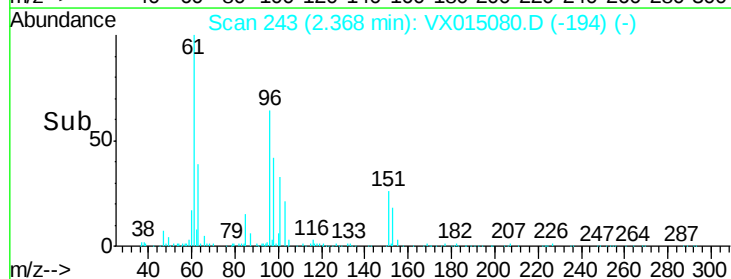
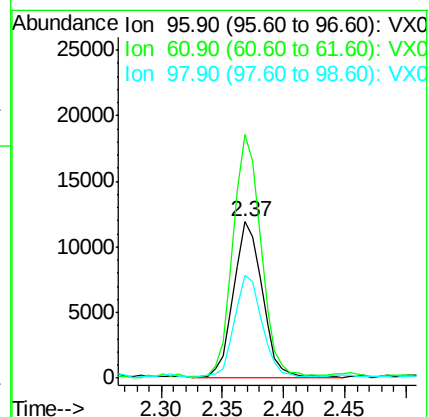
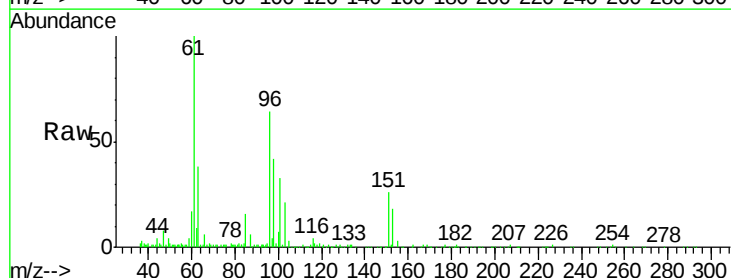
Tgt Ion: 96 Resp: 19644

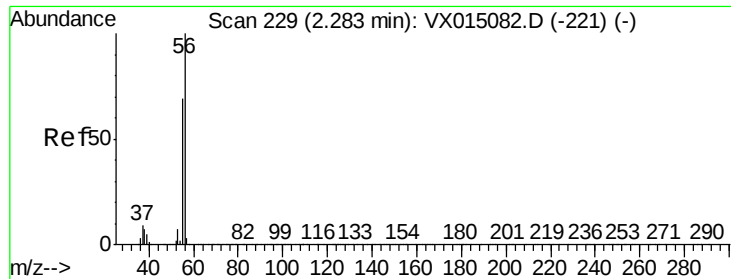
Ion Ratio Lower Upper

96 100

61 153.7 126.2 189.4

98 65.7 51.4 77.0





#13

Acrolein

Concen: 28.73 ug/l

RT: 2.29 min Scan# 230

Delta R.T. 0.01 min

Lab File: VX015080.D

Acq: 04 Mar 2020 09:02

Instrument :

MSVOA_X

ClientSampleId :

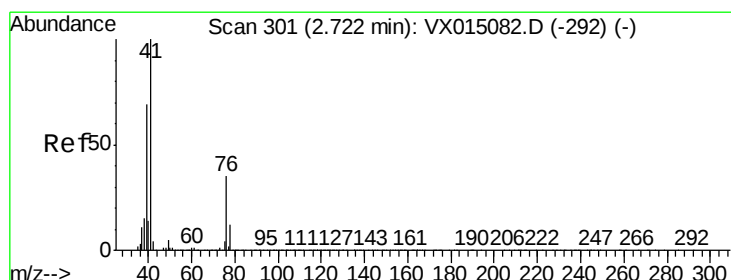
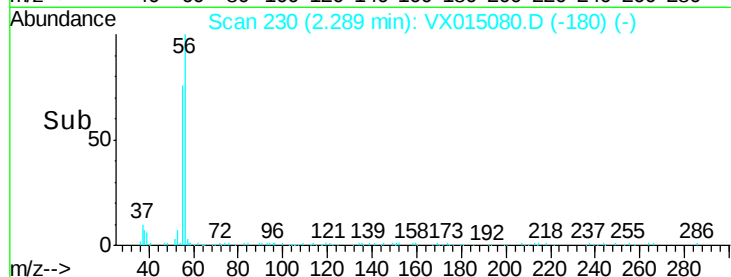
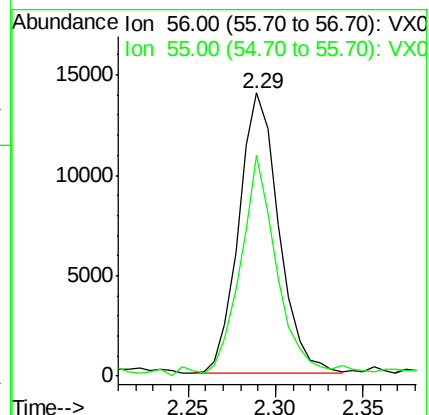
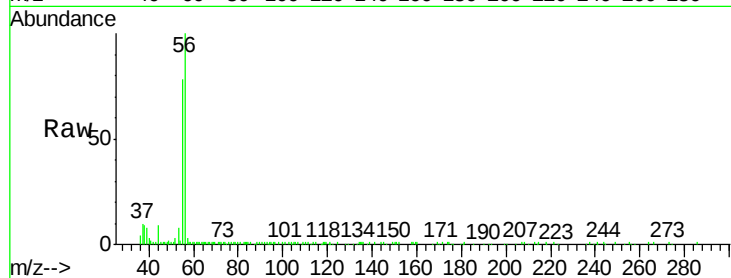
VSTDIC005

Tgt Ion: 56 Resp: 22111

Ion Ratio Lower Upper

56 100

55 73.4 55.4 83.0



#14

Allyl chloride

Concen: 4.93 ug/l

RT: 2.72 min Scan# 301

Delta R.T. -0.00 min

Lab File: VX015080.D

Acq: 04 Mar 2020 09:02

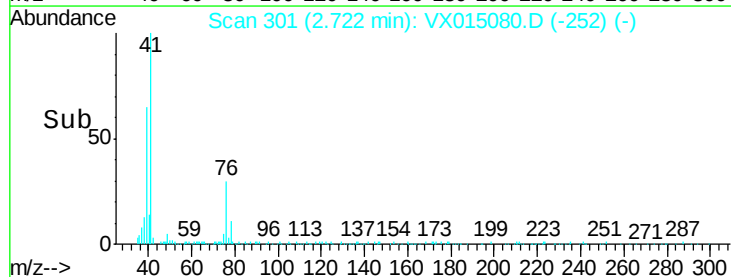
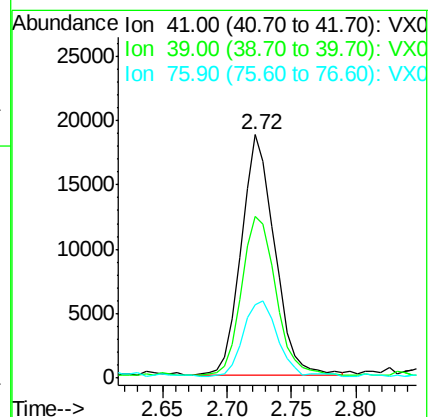
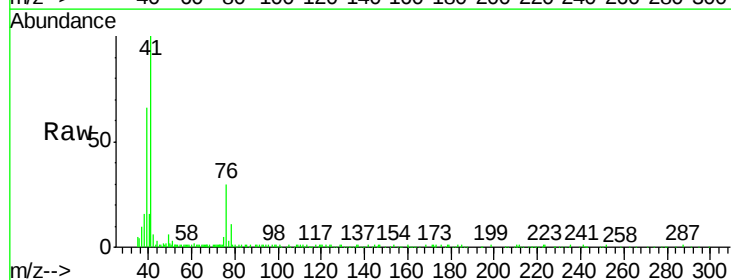
Tgt Ion: 41 Resp: 33219

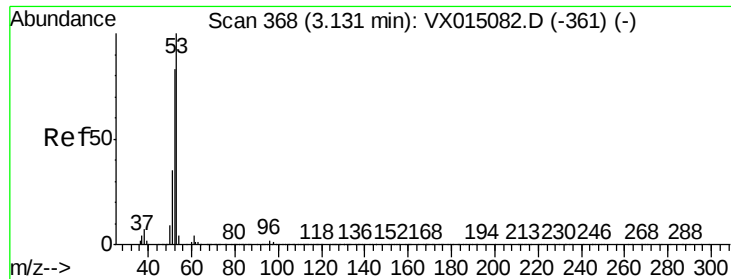
Ion Ratio Lower Upper

41 100

39 68.2 52.9 79.3

76 32.5 26.8 40.2





#15

Acrylonitrile

Concen: 25.44 ug/l

RT: 3.14 min Scan# 369

Delta R.T. 0.01 min

Lab File: VX015080.D

Acq: 04 Mar 2020 09:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

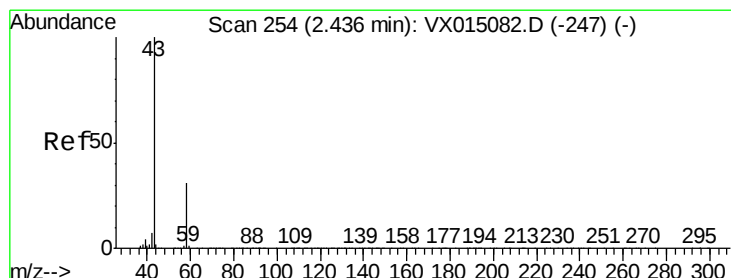
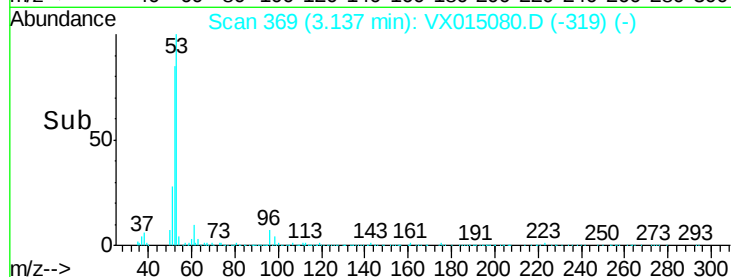
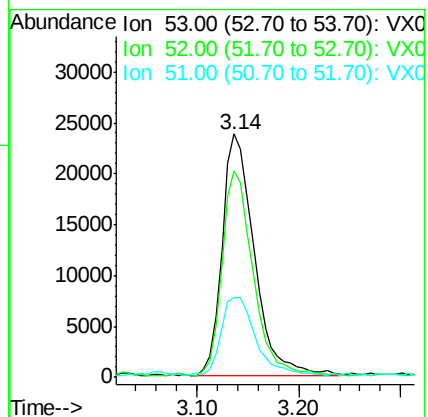
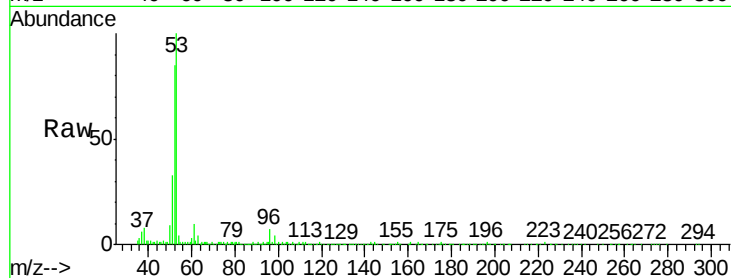
Tgt Ion: 53 Resp: 51884

Ion Ratio Lower Upper

53 100

52 82.5 66.6 100.0

51 35.6 29.0 43.6



#16

Acetone

Concen: 24.75 ug/l

RT: 2.44 min Scan# 255

Delta R.T. 0.01 min

Lab File: VX015080.D

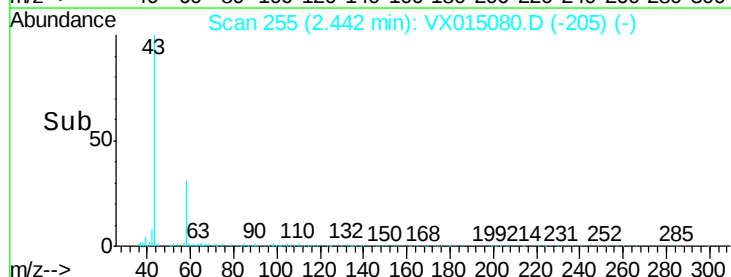
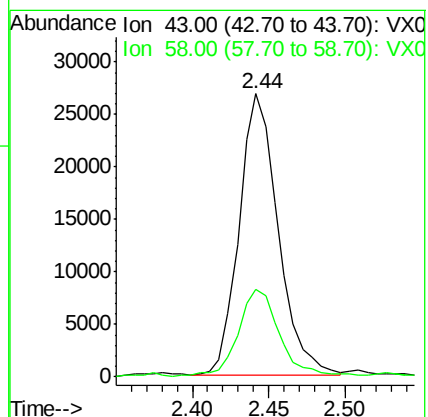
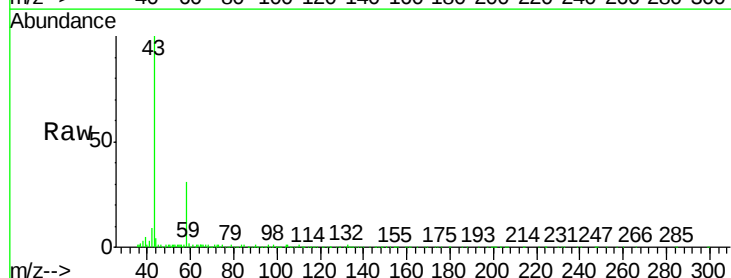
Acq: 04 Mar 2020 09:02

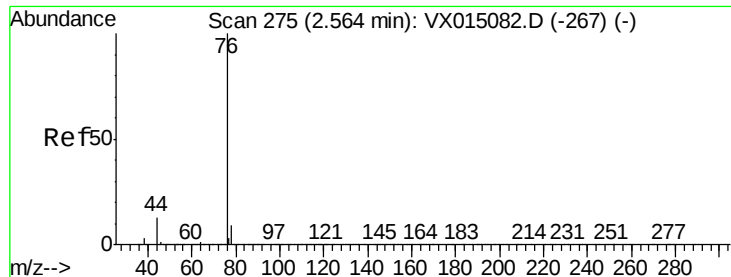
Tgt Ion: 43 Resp: 47307

Ion Ratio Lower Upper

43 100

58 30.7 24.8 37.2





#17

Carbon Disulfide

Concen: 4.89 ug/l

RT: 2.57 min Scan# 276

Delta R.T. 0.01 min

Lab File: VX015080.D

Acq: 04 Mar 2020 09:02

Instrument :

MSVOA_X

ClientSampleId :

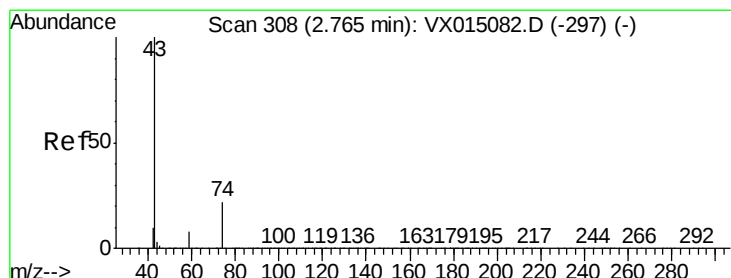
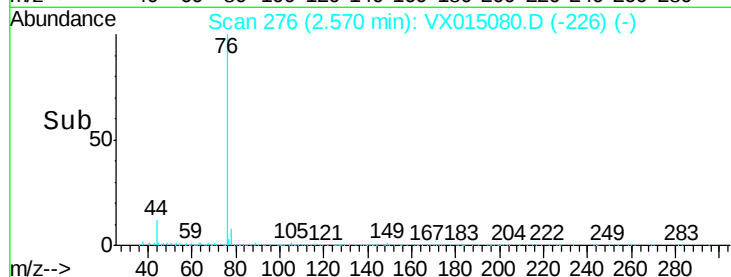
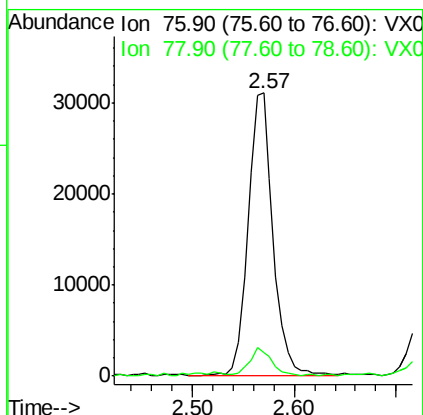
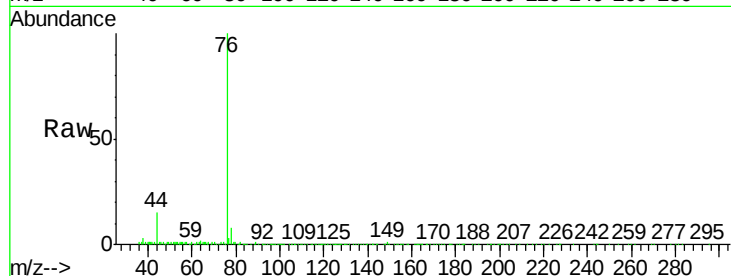
VSTDIC005

Tgt Ion: 76 Resp: 52479

Ion Ratio Lower Upper

76 100

78 8.2 7.3 10.9



#18

Methyl Acetate

Concen: 5.02 ug/l

RT: 2.77 min Scan# 309

Delta R.T. 0.01 min

Lab File: VX015080.D

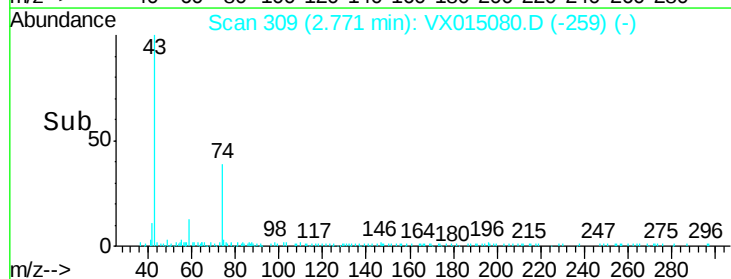
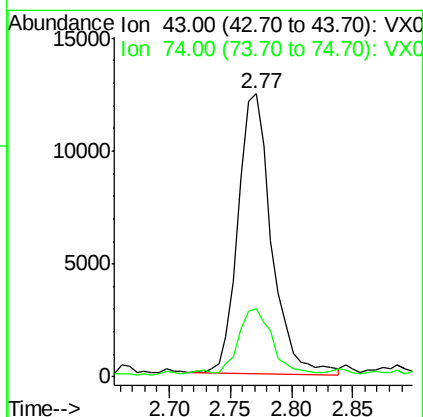
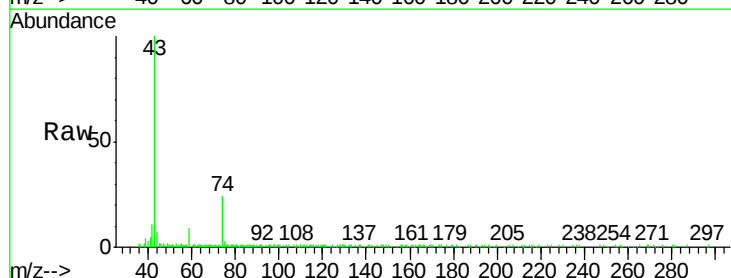
Acq: 04 Mar 2020 09:02

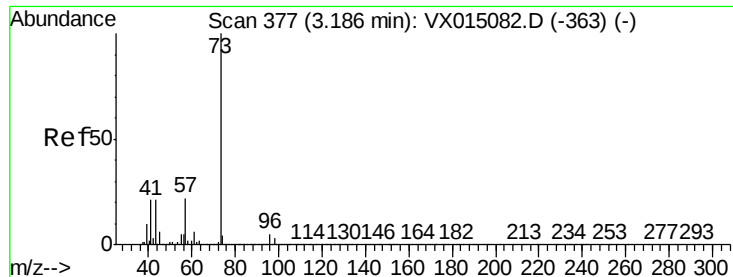
Tgt Ion: 43 Resp: 23468

Ion Ratio Lower Upper

43 100

74 24.5 18.8 28.2





#19

Methyl tert-butyl Ether

Concen: 4.99 ug/l

RT: 3.19 min Scan# 377

Delta R.T. -0.00 min

Lab File: VX015080.D

Acq: 04 Mar 2020 09:02

Instrument :

MSVOA_X

ClientSampleId :

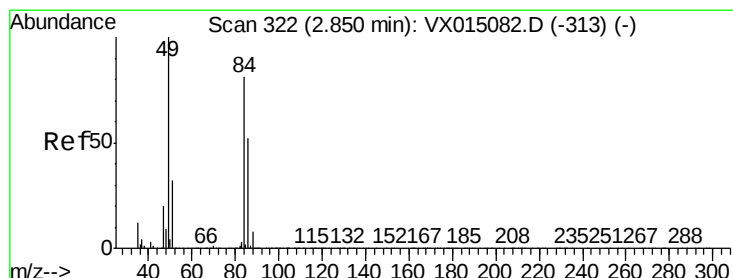
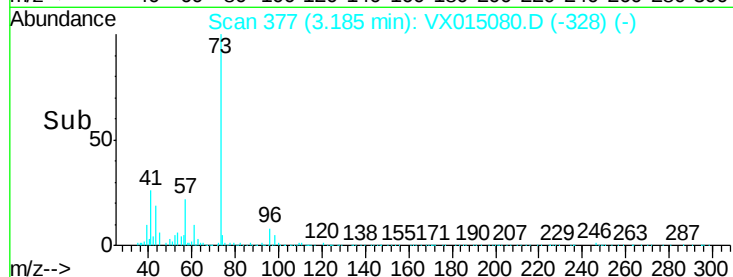
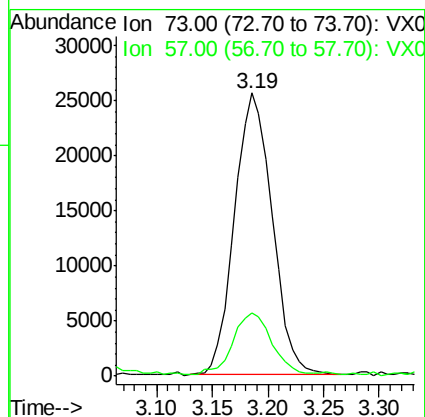
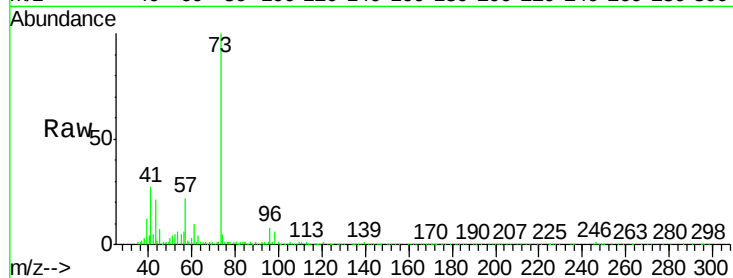
VSTDIC005

Tgt Ion: 73 Resp: 60315

Ion Ratio Lower Upper

73 100

57 21.9 17.8 26.6



#20

Methylene Chloride

Concen: 5.29 ug/l

RT: 2.86 min Scan# 323

Delta R.T. 0.01 min

Lab File: VX015080.D

Acq: 04 Mar 2020 09:02

Tgt Ion: 84 Resp: 23664

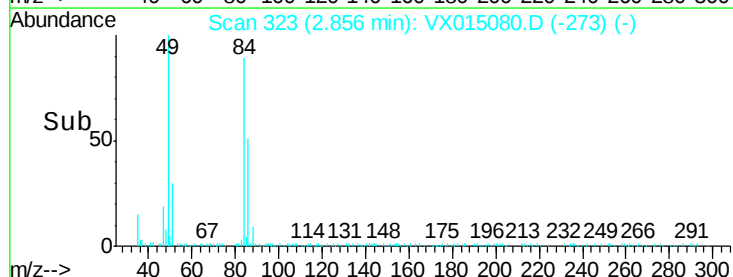
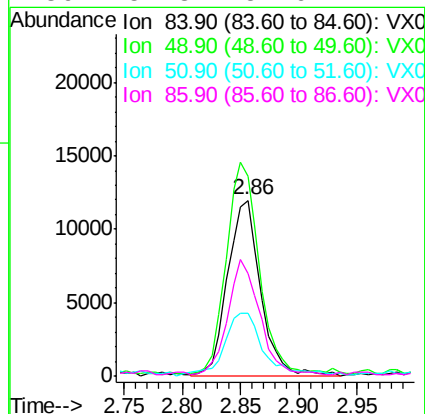
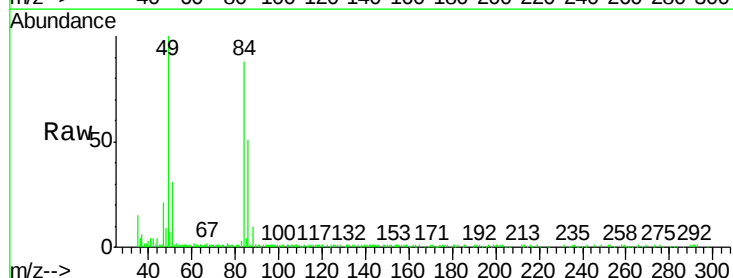
Ion Ratio Lower Upper

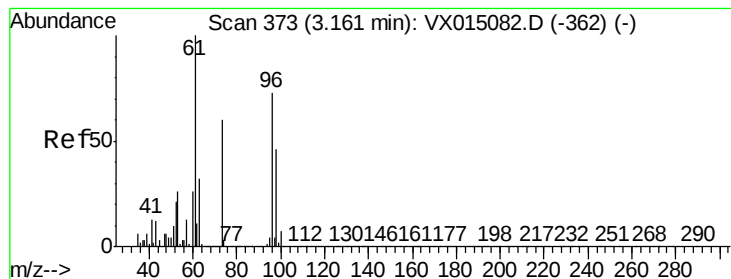
84 100

49 111.7 99.4 149.2

51 34.2 31.5 47.3

86 57.3 51.6 77.4





#21

trans-1,2-Dichloroethene

Concen: 5.18 ug/l

RT: 3.16 min Scan# 373

Delta R.T. -0.00 min

Lab File: VX015080.D

Acq: 04 Mar 2020 09:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

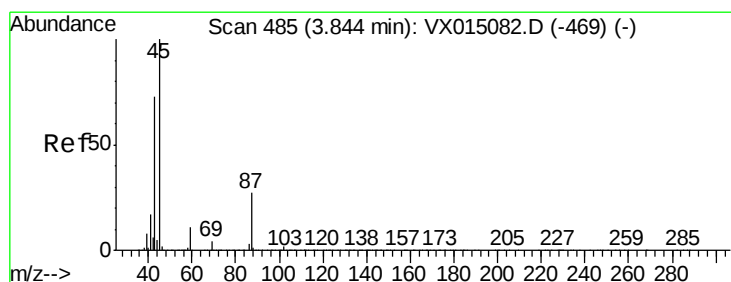
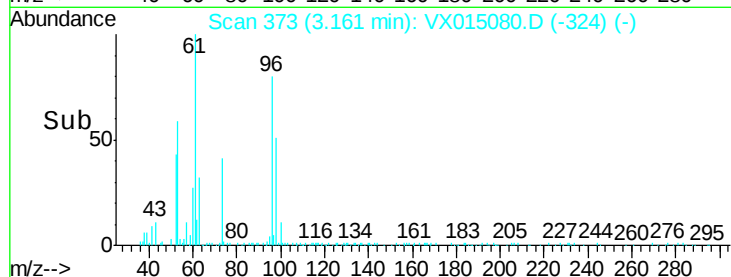
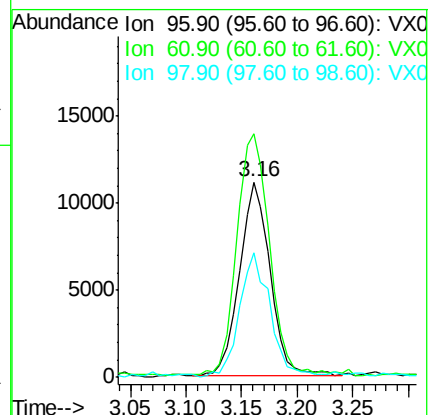
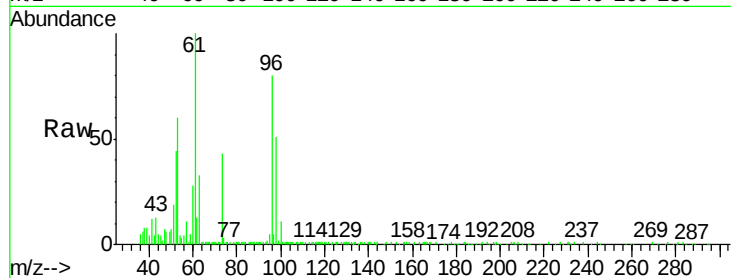
Tgt Ion: 96 Resp: 21400

Ion Ratio Lower Upper

96 100

61 124.1 109.9 164.9

98 62.8 50.2 75.2



#22

Diisopropyl ether

Concen: 5.19 ug/l

RT: 3.85 min Scan# 486

Delta R.T. 0.01 min

Lab File: VX015080.D

Acq: 04 Mar 2020 09:02

Tgt Ion: 45 Resp: 69685

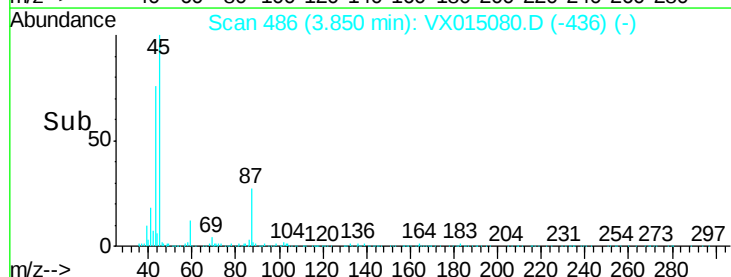
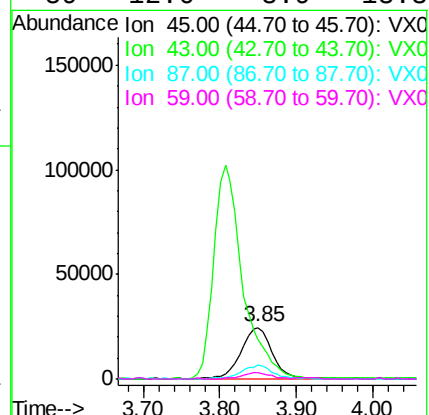
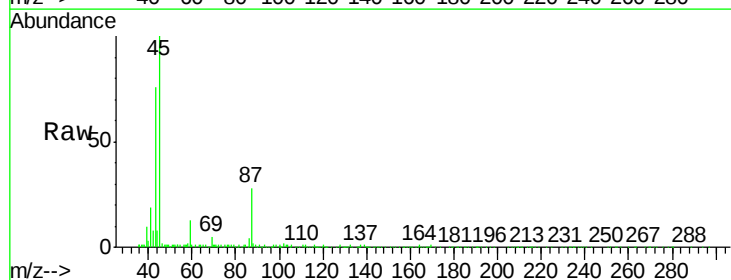
Ion Ratio Lower Upper

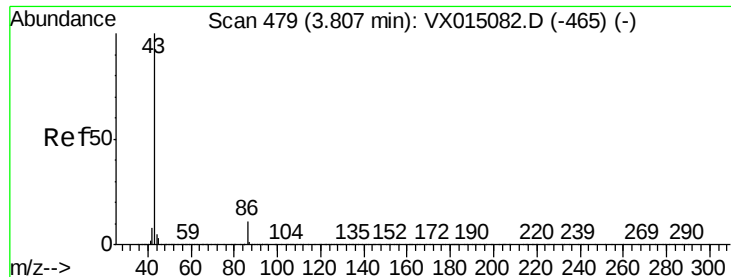
45 100

43 74.3 58.2 87.2

87 27.4 21.2 31.8

59 12.6 8.9 13.3





#23

Vinyl Acetate

Concen: 24.38 ug/l

RT: 3.81 min Scan# 479

Delta R.T. -0.00 min

Lab File: VX015080.D

Acq: 04 Mar 2020 09:02

Instrument :

MSVOA_X

ClientSampleId :

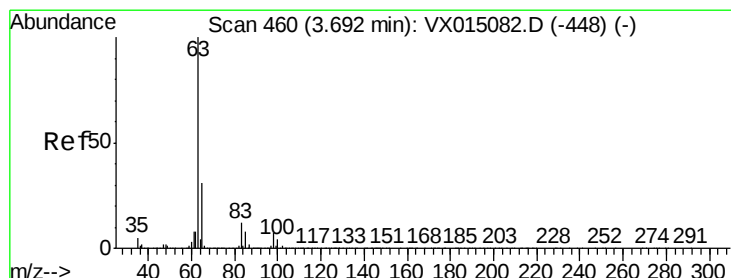
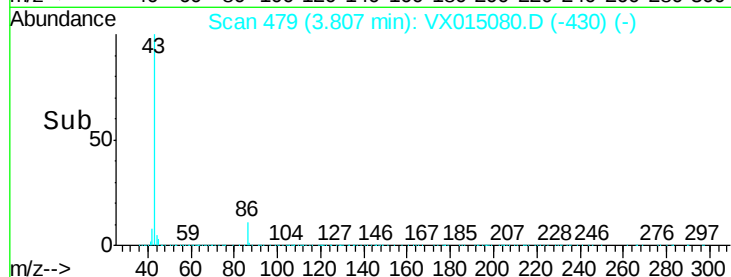
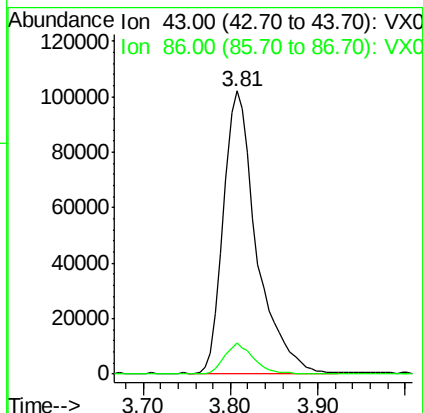
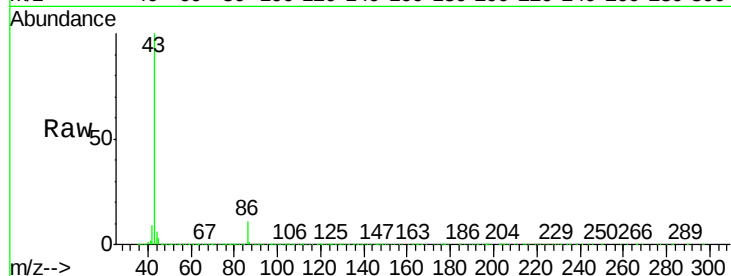
VSTDIC005

Tgt Ion: 43 Resp: 269178

Ion Ratio Lower Upper

43 100

86 10.7 8.6 12.8



#24

1,1-Dichloroethane

Concen: 5.31 ug/l

RT: 3.69 min Scan# 460

Delta R.T. -0.00 min

Lab File: VX015080.D

Acq: 04 Mar 2020 09:02

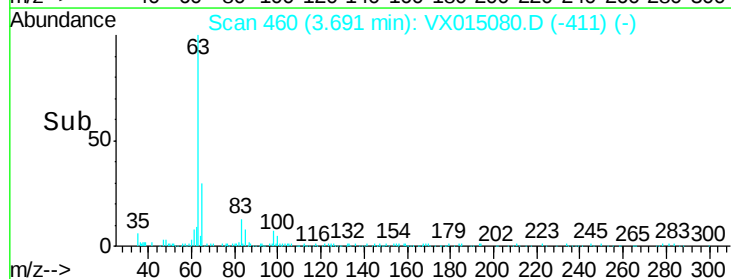
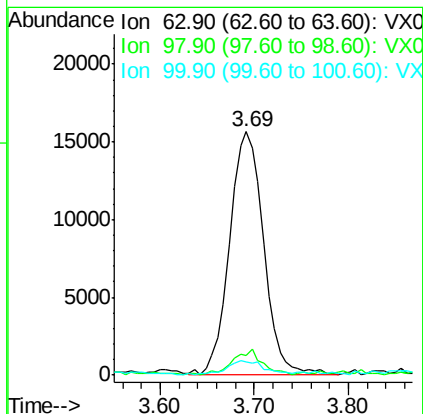
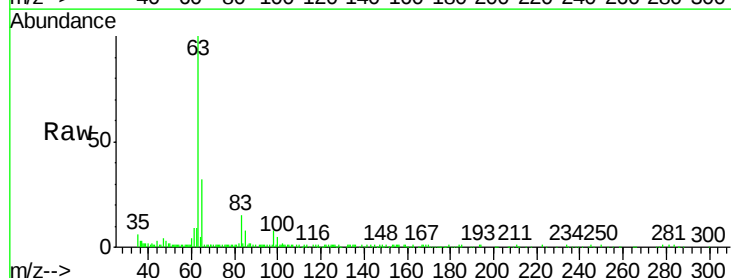
Tgt Ion: 63 Resp: 39565

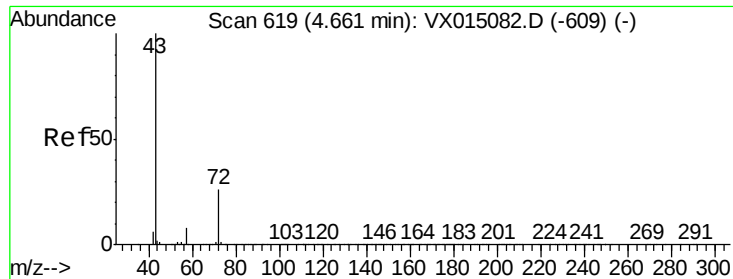
Ion Ratio Lower Upper

63 100

98 7.5 3.7 11.1

100 4.4 2.1 6.5

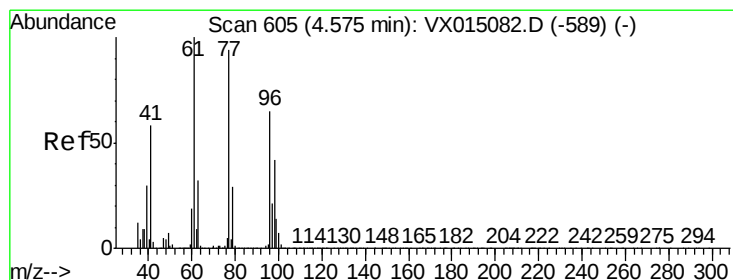
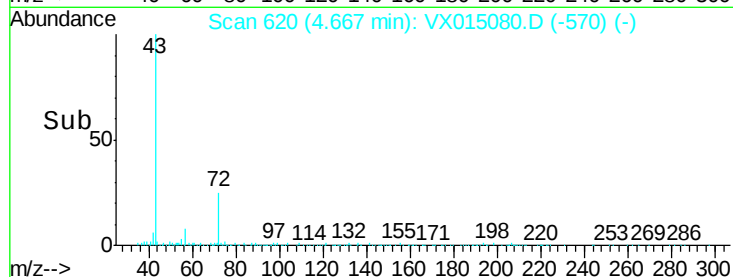
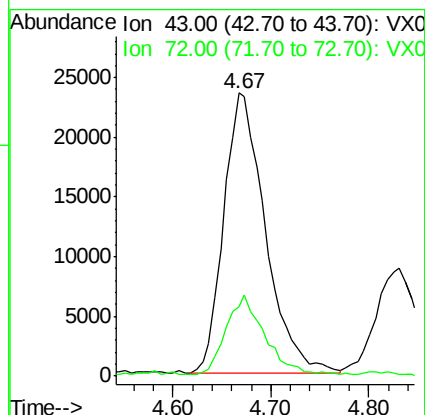
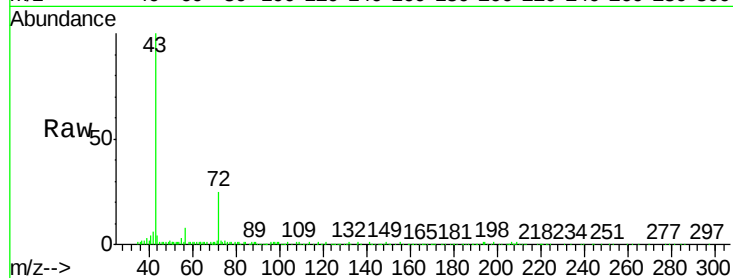




#25
2-Butanone
Concen: 24.73 ug/l
RT: 4.67 min Scan# 620
Delta R.T. 0.01 min
Lab File: VX015080.D
Acq: 04 Mar 2020 09:02

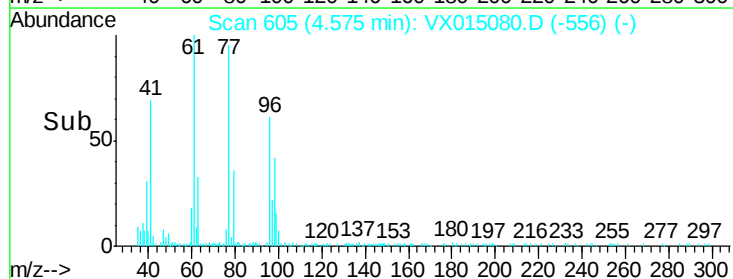
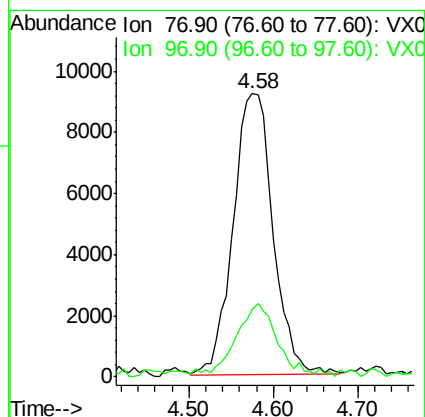
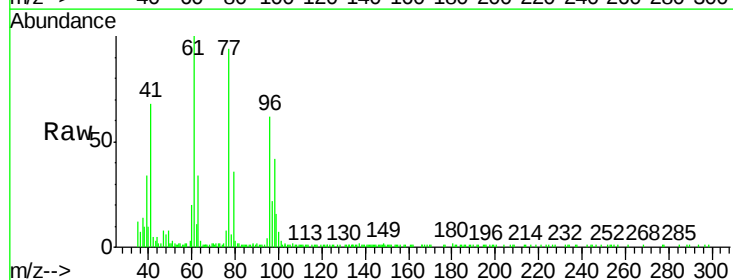
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

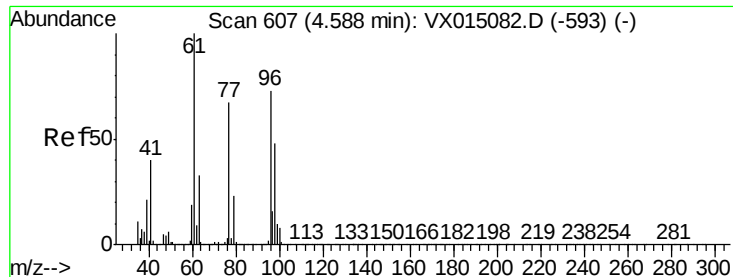
Tgt Ion: 43 Resp: 69206
Ion Ratio Lower Upper
43 100
72 24.4 20.6 30.8



#26
2,2-Dichloropropane
Concen: 5.00 ug/l
RT: 4.58 min Scan# 605
Delta R.T. -0.00 min
Lab File: VX015080.D
Acq: 04 Mar 2020 09:02

Tgt Ion: 77 Resp: 29617
Ion Ratio Lower Upper
77 100
97 25.3 11.8 35.4





#27

cis-1,2-Dichloroethene

Concen: 4.95 ug/l

RT: 4.59 min Scan# 608

Delta R.T. 0.01 min

Lab File: VX015080.D

Acq: 04 Mar 2020 09:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

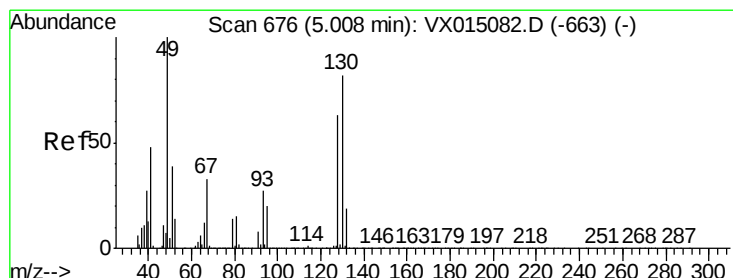
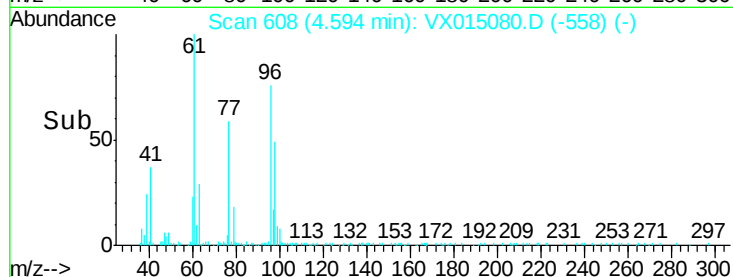
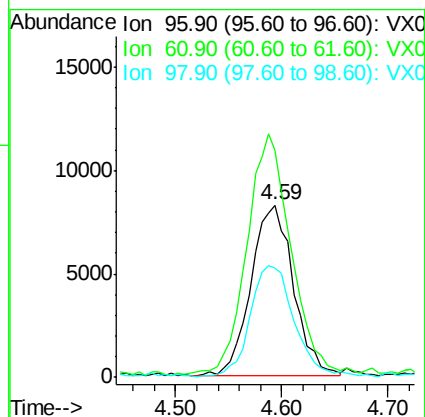
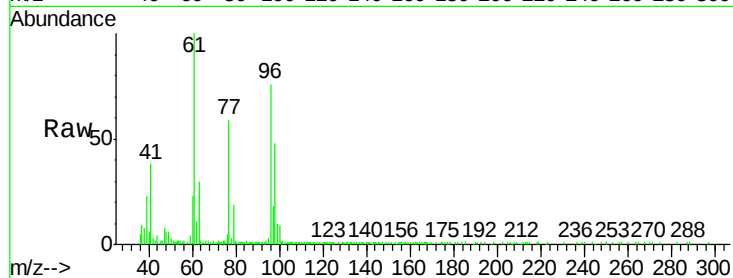
Tgt Ion: 96 Resp: 22915

Ion Ratio Lower Upper

96 100

61 148.6 0.0 286.8

98 69.5 0.0 128.4



#28

Bromochloromethane

Concen: 5.24 ug/l

RT: 5.01 min Scan# 676

Delta R.T. -0.00 min

Lab File: VX015080.D

Acq: 04 Mar 2020 09:02

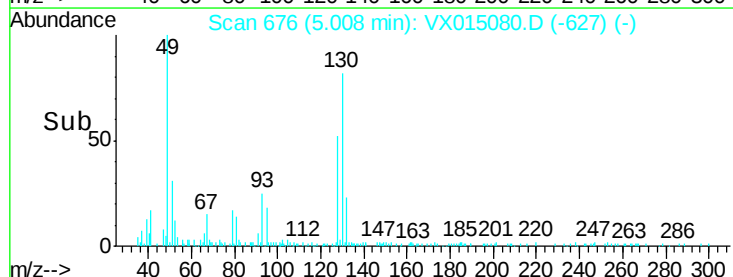
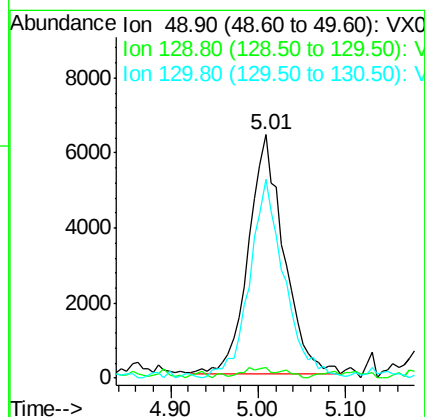
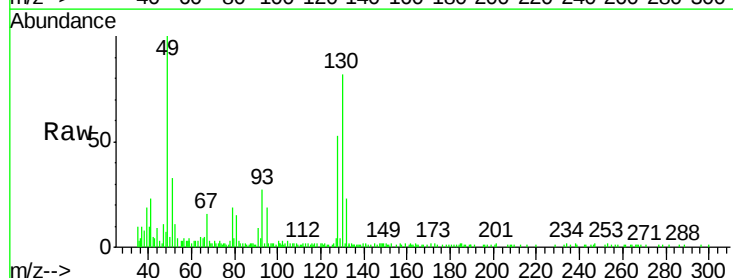
Tgt Ion: 49 Resp: 17779

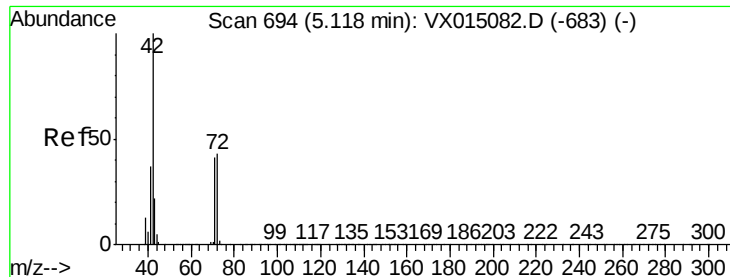
Ion Ratio Lower Upper

49 100

129 2.5 0.0 4.4

130 82.4 65.0 97.6





#29

Tetrahydrofuran

Concen: 23.90 ug/l

RT: 5.13 min Scan# 696

Delta R.T. 0.01 min

Lab File: VX015080.D

Acq: 04 Mar 2020 09:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

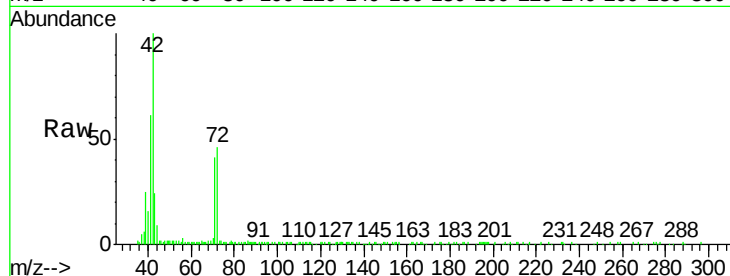
Tgt Ion: 42 Resp: 43121

Ion Ratio Lower Upper

42 100

72 46.8 36.4 54.6

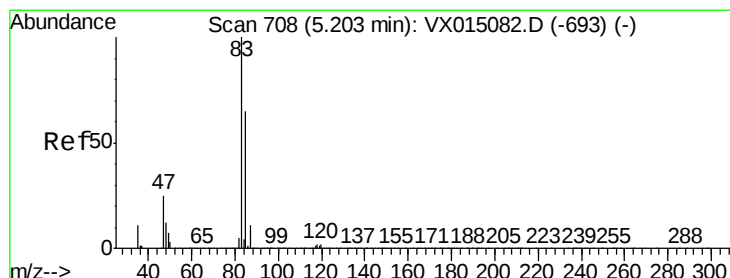
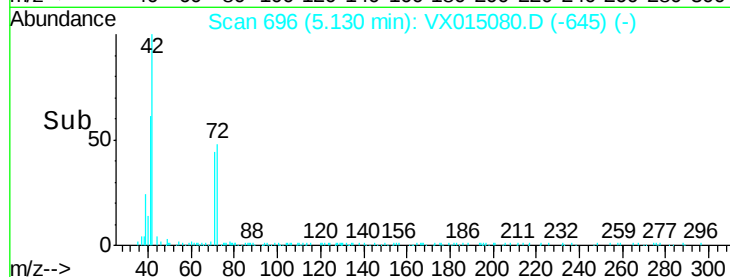
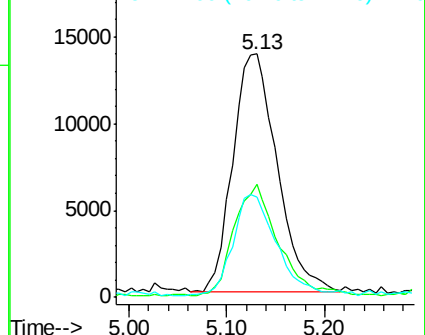
71 41.7 33.3 49.9



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 5.42 ug/l

RT: 5.20 min Scan# 708

Delta R.T. -0.00 min

Lab File: VX015080.D

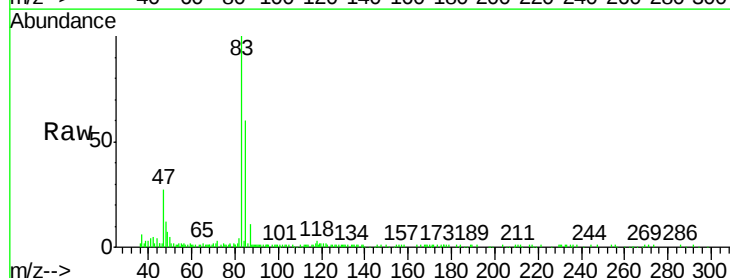
Acq: 04 Mar 2020 09:02

Tgt Ion: 83 Resp: 39374

Ion Ratio Lower Upper

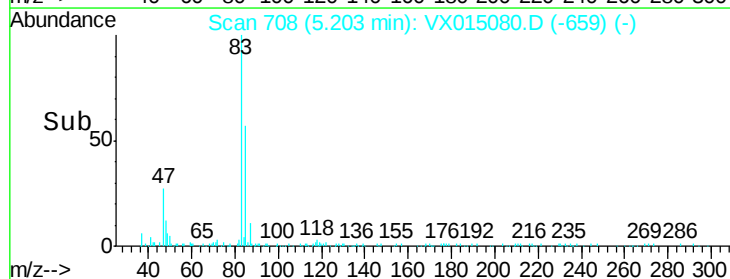
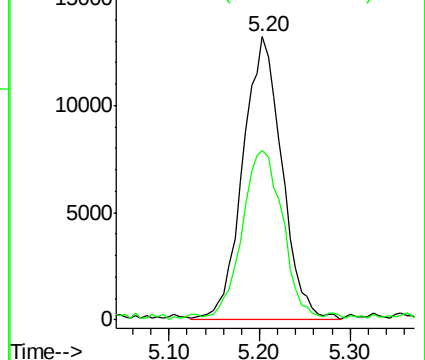
83 100

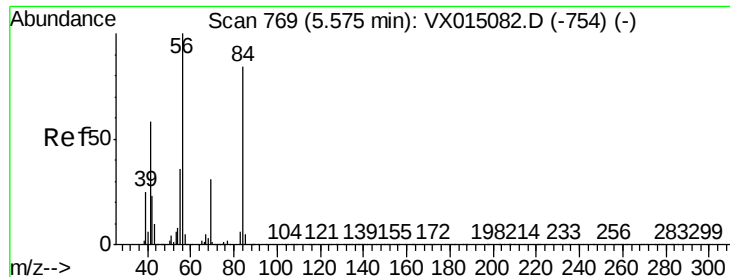
85 58.1 52.0 78.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

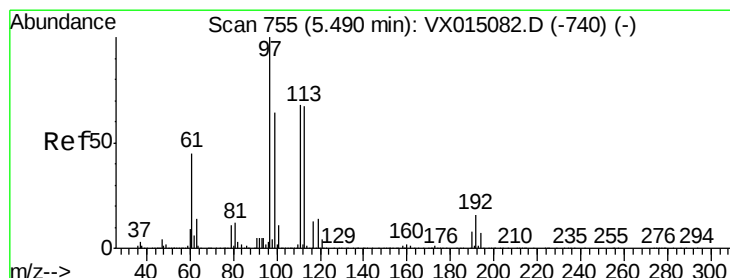
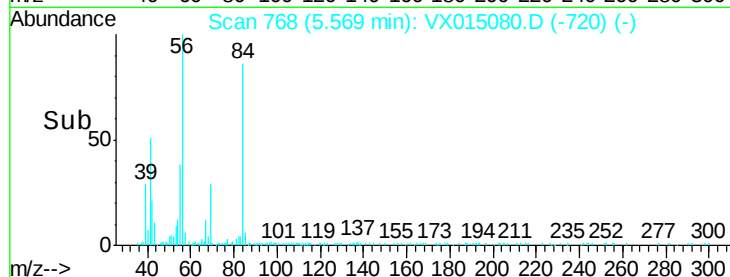
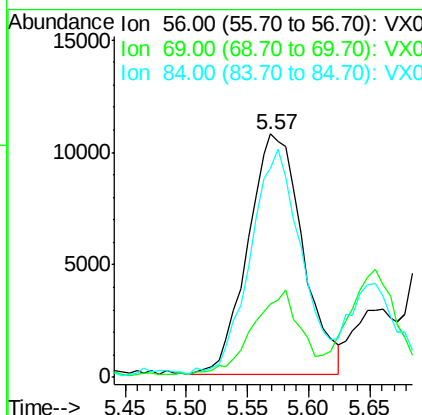
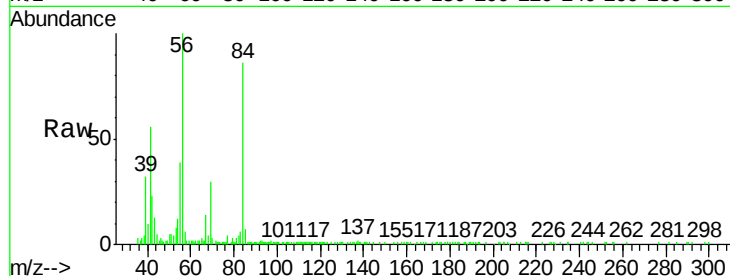




#31
Cyclohexane
Concen: 5.02 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.01 min
Lab File: VX015080.D
Acq: 04 Mar 2020 09:02

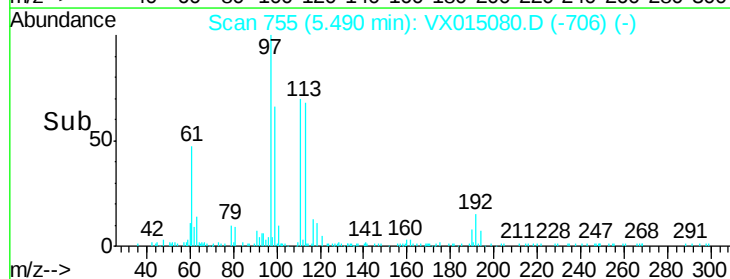
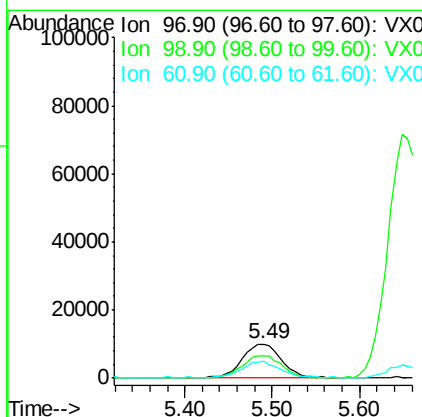
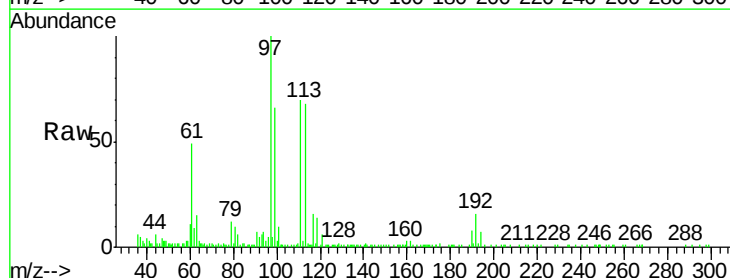
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

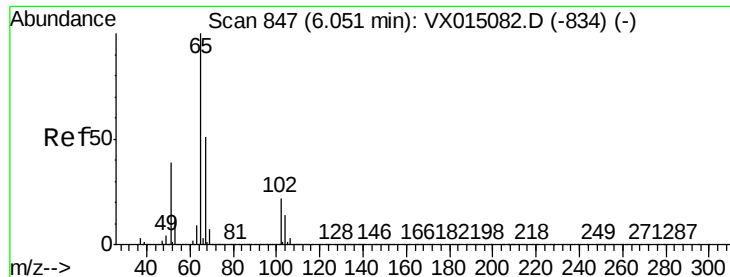
Tgt Ion: 56 Resp: 33406
Ion Ratio Lower Upper
56 100
69 29.0 25.0 37.6
84 85.8 67.6 101.4



#32
1,1,1-Trichloroethane
Concen: 5.09 ug/l
RT: 5.49 min Scan# 755
Delta R.T. -0.00 min
Lab File: VX015080.D
Acq: 04 Mar 2020 09:02

Tgt Ion: 97 Resp: 30687
Ion Ratio Lower Upper
97 100
99 66.3 52.8 79.2
61 47.9 36.6 54.8





#33

1,2-Dichloroethane-d4

Concen: 5.37 ug/l

RT: 6.06 min Scan# 848

Delta R.T. 0.01 min

Lab File: VX015080.D

Acq: 04 Mar 2020 09:02

Instrument :

MSVOA_X

ClientSampleId :

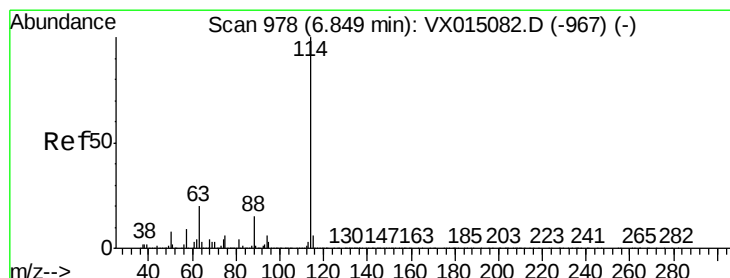
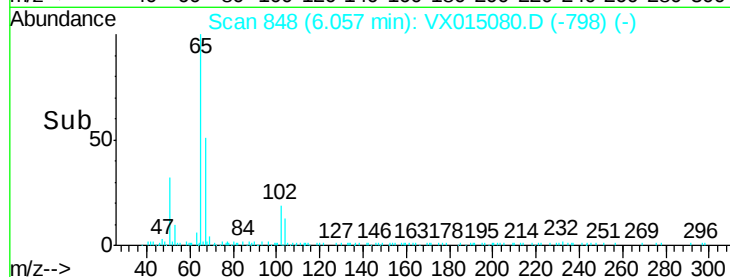
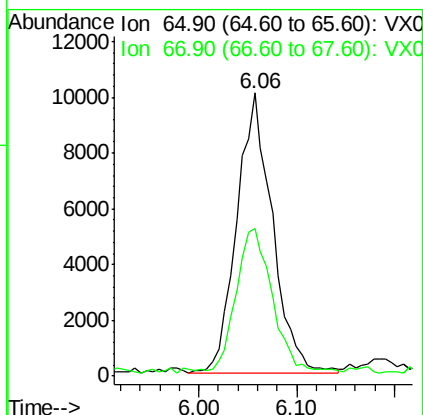
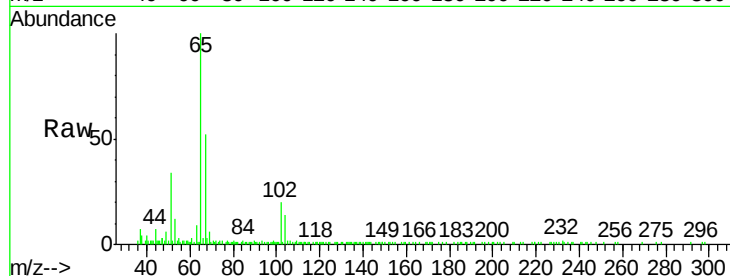
VSTDIC005

Tgt Ion: 65 Resp: 25331

Ion Ratio Lower Upper

65 100

67 52.8 0.0 105.6



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.86 min Scan# 979

Delta R.T. 0.01 min

Lab File: VX015080.D

Acq: 04 Mar 2020 09:02

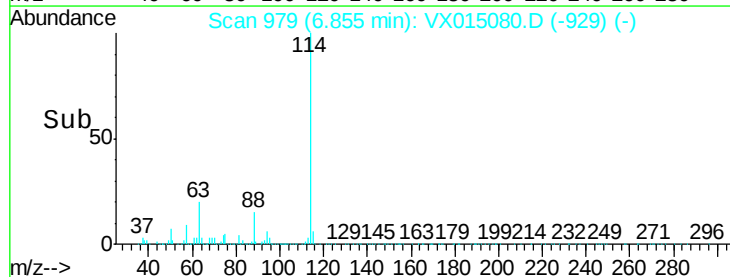
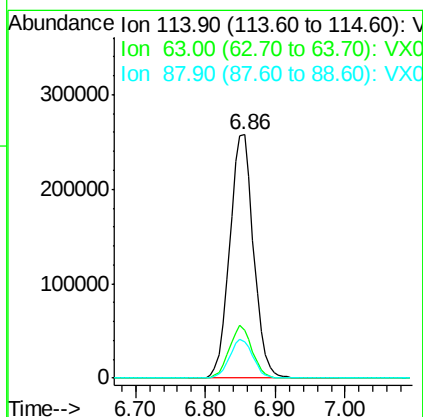
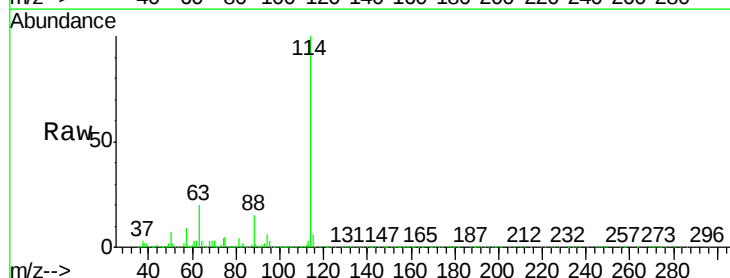
Tgt Ion: 114 Resp: 609656

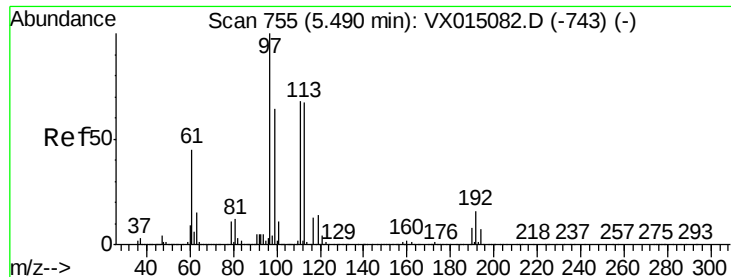
Ion Ratio Lower Upper

114 100

63 19.5 0.0 40.0

88 15.1 0.0 30.6

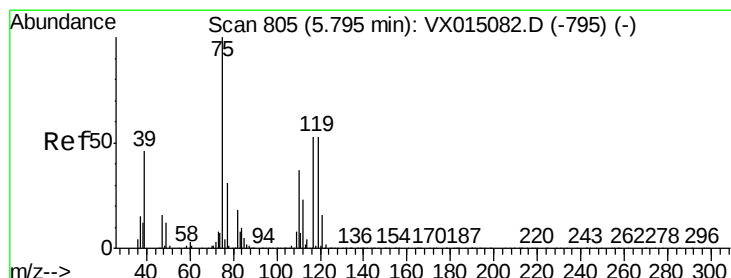
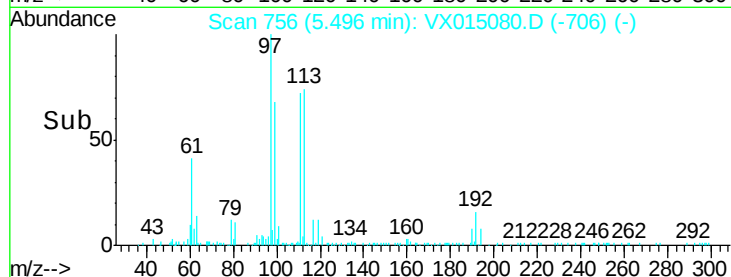
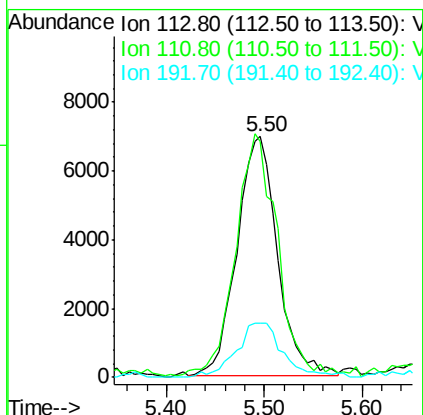
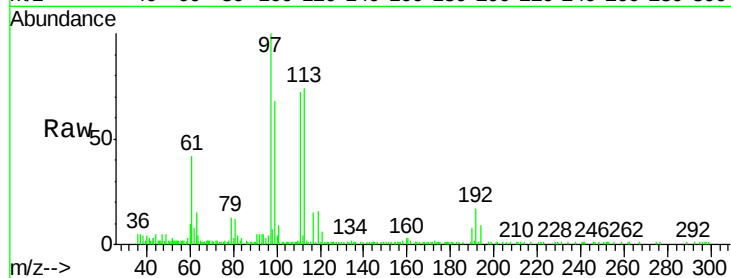




#35
 Dibromofluoromethane
 Concen: 5.18 ug/l
 RT: 5.50 min Scan# 756
 Delta R.T. 0.01 min
 Lab File: VX015080.D
 Acq: 04 Mar 2020 09:02

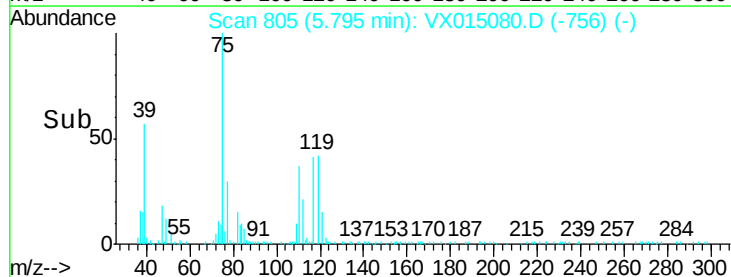
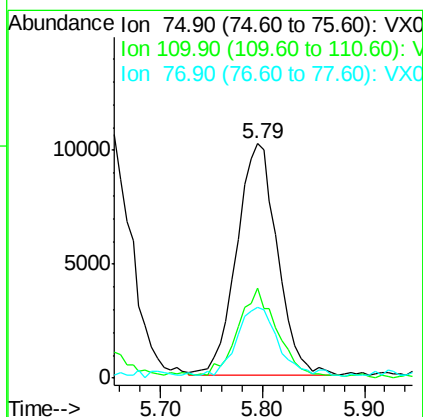
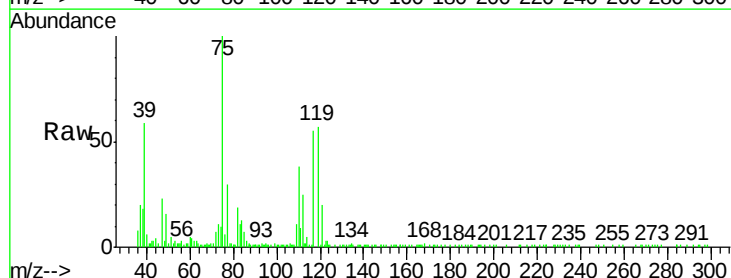
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tgt Ion: 113 Resp: 19927
 Ion Ratio Lower Upper
 113 100
 111 103.9 82.6 123.8
 192 26.6 18.6 28.0



#36
 1,1-Dichloropropene
 Concen: 4.97 ug/l
 RT: 5.79 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX015080.D
 Acq: 04 Mar 2020 09:02

Tgt Ion: 75 Resp: 28007
 Ion Ratio Lower Upper
 75 100
 110 36.2 17.9 53.8
 77 29.6 24.8 37.2

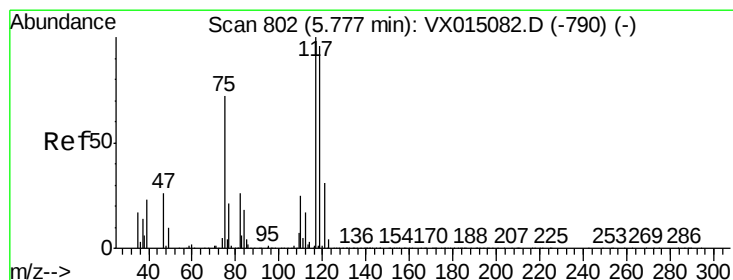
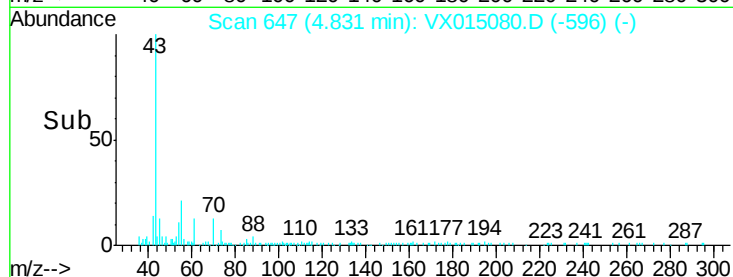
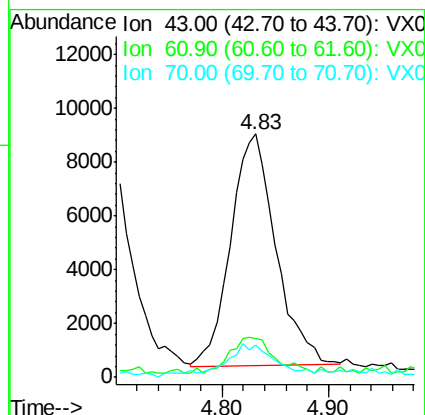
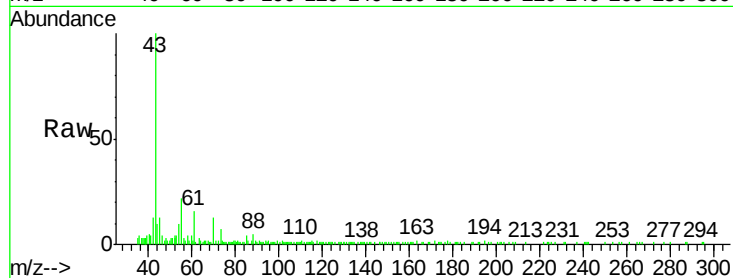




#37
Ethyl Acetate
Concen: 4.87 ug/l
RT: 4.83 min Scan# 647
Delta R.T. 0.01 min
Lab File: VX015080.D
Acq: 04 Mar 2020 09:02

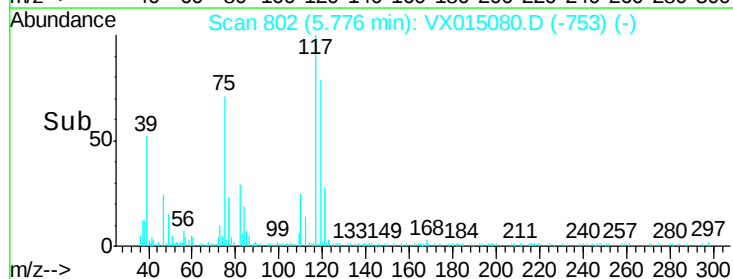
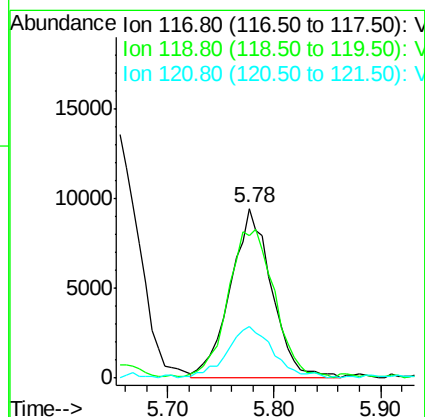
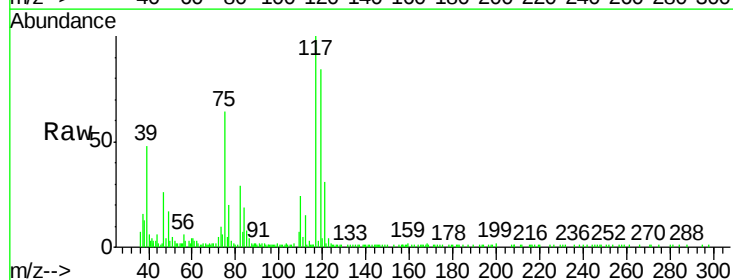
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

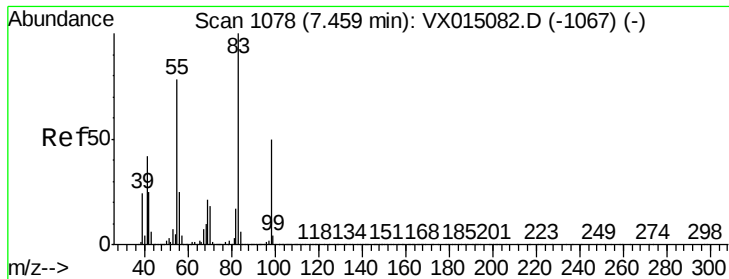
Tgt Ion: 43 Resp: 25463
Ion Ratio Lower Upper
43 100
61 15.1 11.0 16.4
70 14.1 8.1 12.1#



#38
Carbon Tetrachloride
Concen: 4.75 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX015080.D
Acq: 04 Mar 2020 09:02

Tgt Ion: 117 Resp: 25280
Ion Ratio Lower Upper
117 100
119 82.3 76.9 115.3
121 30.9 24.6 37.0

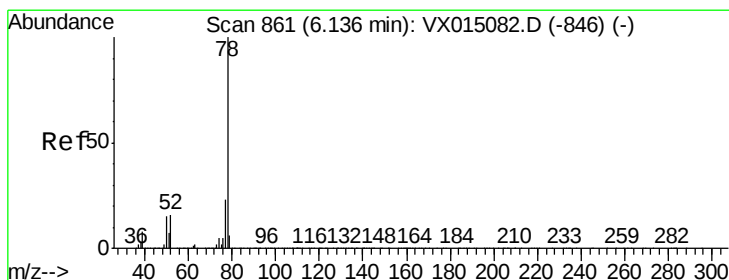
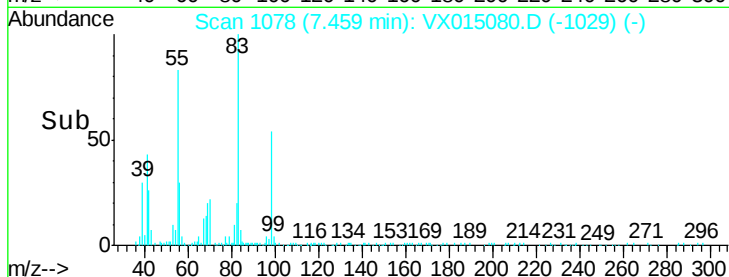
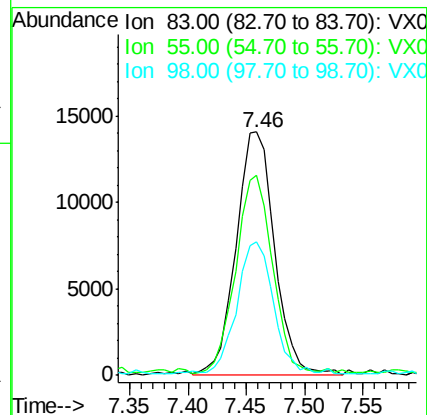
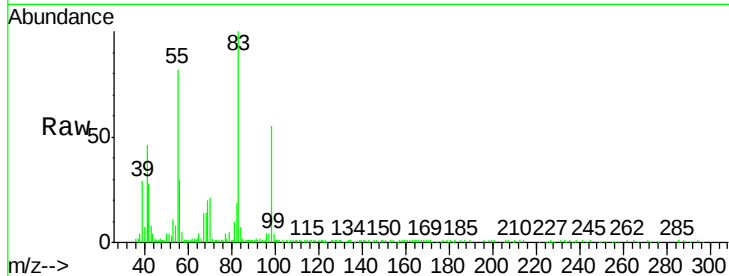




#39
Methylcyclohexane
Concen: 4.95 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. -0.00 min
Lab File: VX015080.D
Acq: 04 Mar 2020 09:02

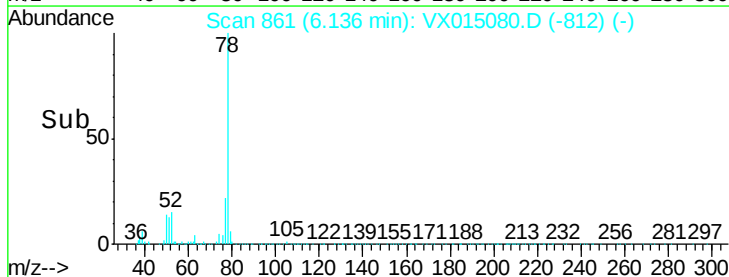
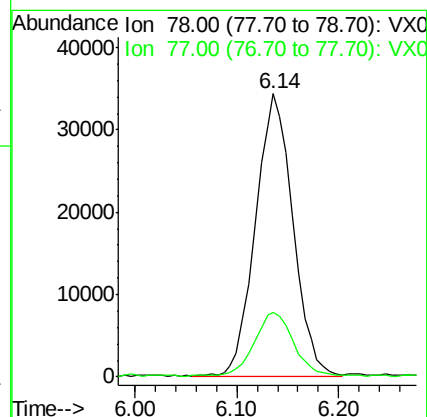
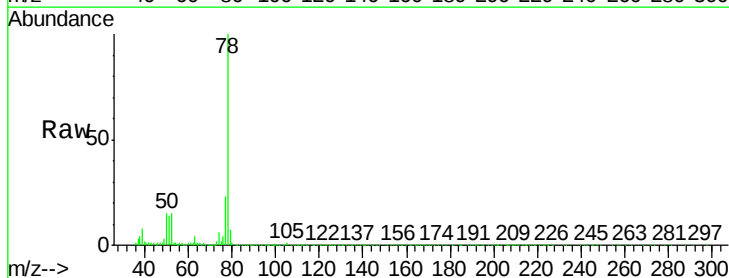
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

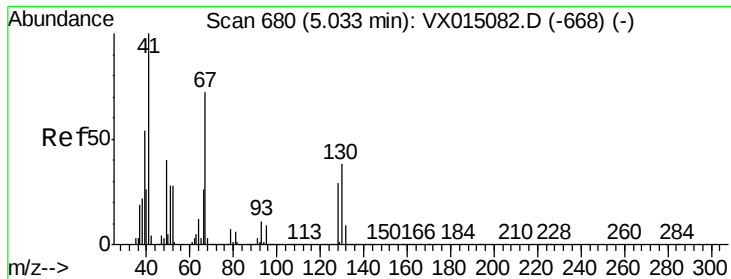
Tgt Ion: 83 Resp: 32575
Ion Ratio Lower Upper
83 100
55 81.7 62.4 93.6
98 54.4 39.7 59.5



#40
Benzene
Concen: 5.20 ug/l
RT: 6.14 min Scan# 861
Delta R.T. -0.00 min
Lab File: VX015080.D
Acq: 04 Mar 2020 09:02

Tgt Ion: 78 Resp: 87049
Ion Ratio Lower Upper
78 100
77 22.3 18.6 28.0





#41

Methacrylonitrile

Concen: 5.26 ug/l

RT: 5.03 min Scan# 680

Delta R.T. -0.00 min

Lab File: VX015080.D

Acq: 04 Mar 2020 09:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 41 Resp: 15256

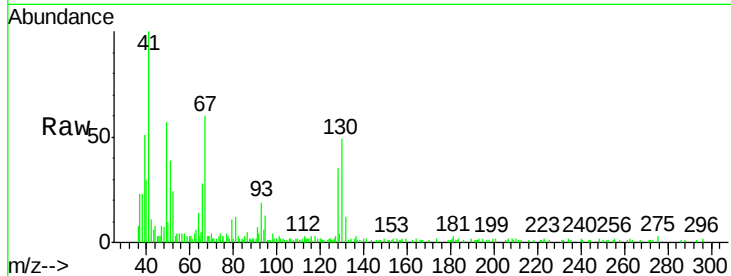
Ion Ratio Lower Upper

41 100

39 57.9 43.9 65.9

67 81.4 57.8 86.8

52 32.8 22.6 34.0

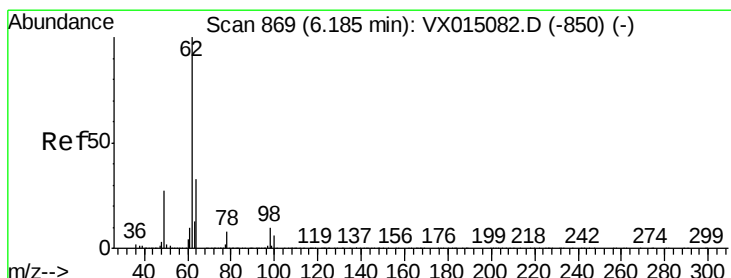
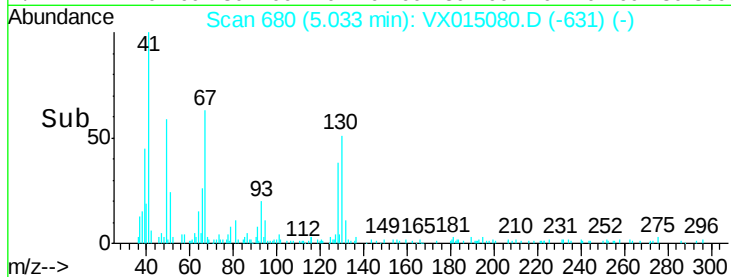
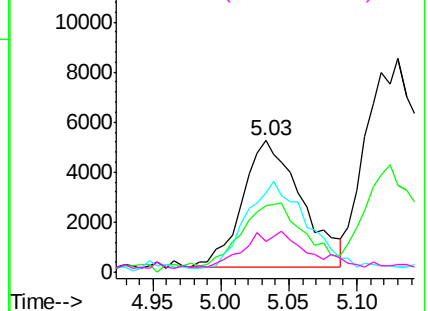


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 5.25 ug/l

RT: 6.18 min Scan# 869

Delta R.T. -0.00 min

Lab File: VX015080.D

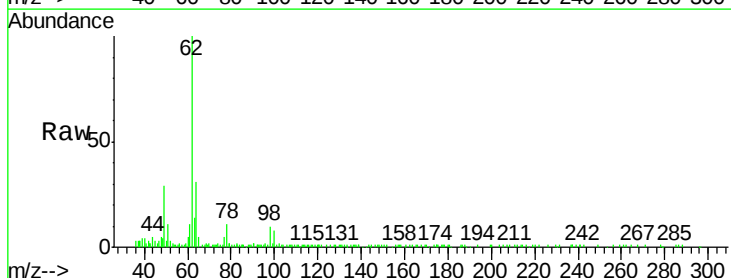
Acq: 04 Mar 2020 09:02

Tgt Ion: 62 Resp: 30162

Ion Ratio Lower Upper

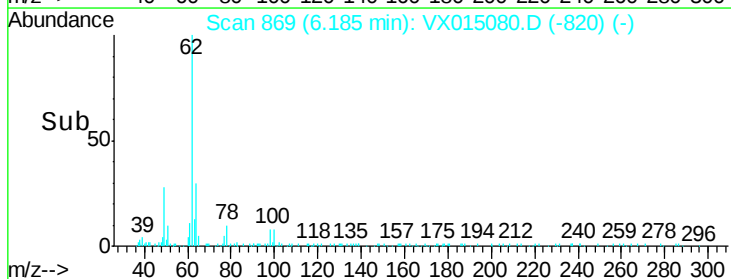
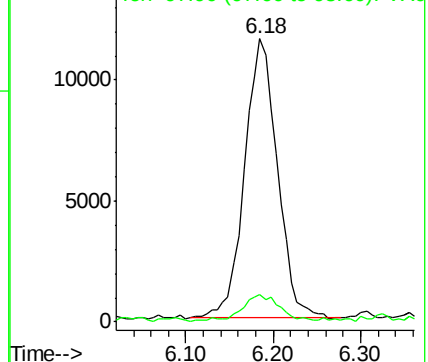
62 100

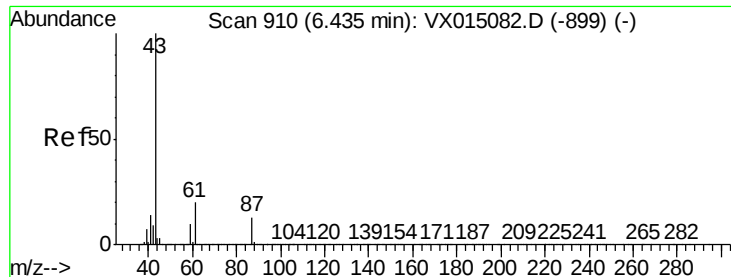
98 11.8 0.0 20.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 4.80 ug/l

RT: 6.43 min Scan# 910

Delta R.T. -0.00 min

Lab File: VX015080.D

Acq: 04 Mar 2020 09:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

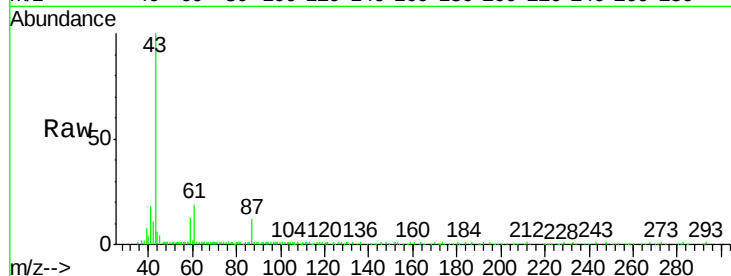
Tgt Ion: 43 Resp: 44168

Ion Ratio Lower Upper

43 100

61 20.0 16.1 24.1

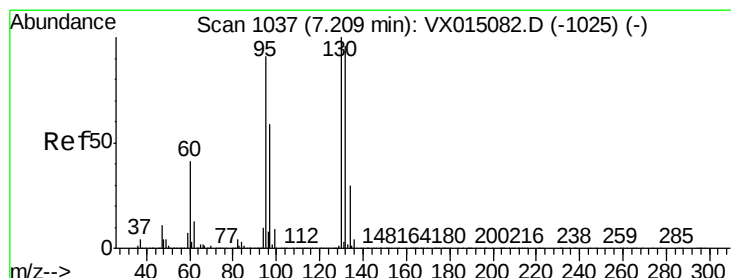
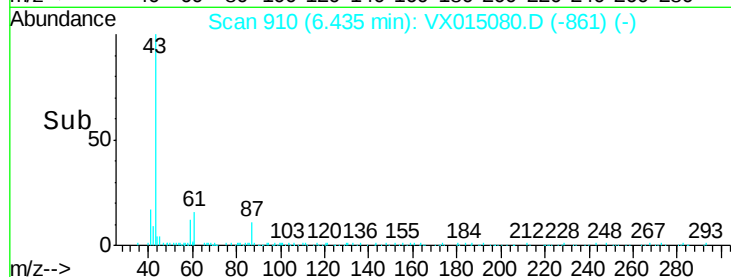
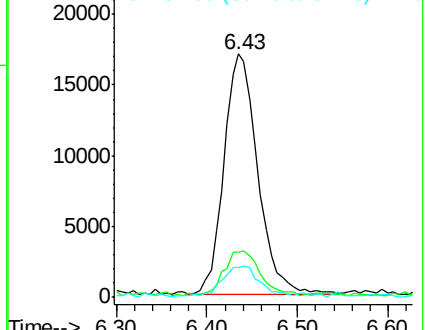
87 14.0 10.6 16.0



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: 5.14 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. -0.00 min

Lab File: VX015080.D

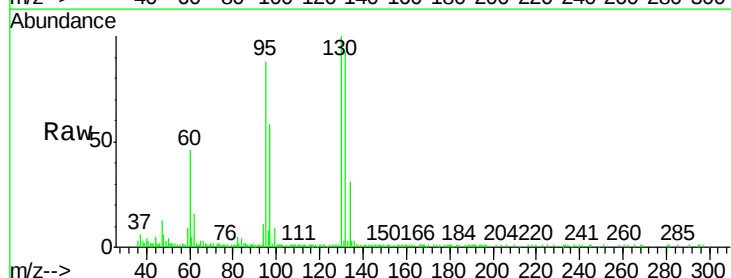
Acq: 04 Mar 2020 09:02

Tgt Ion: 130 Resp: 23934

Ion Ratio Lower Upper

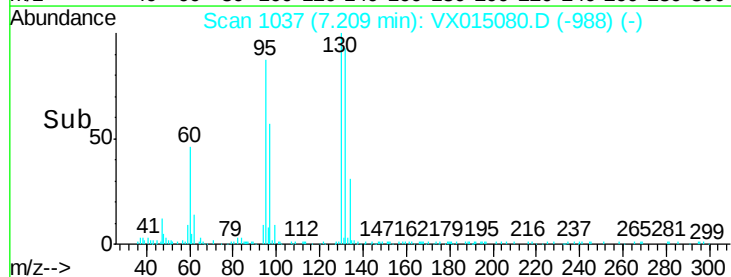
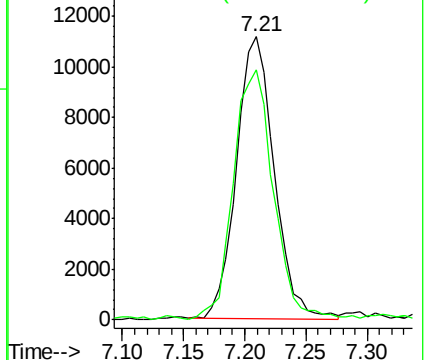
130 100

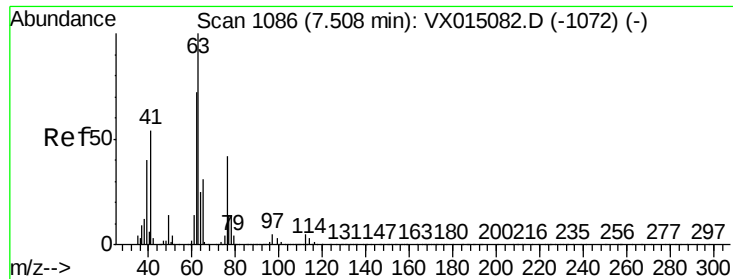
95 88.9 0.0 181.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

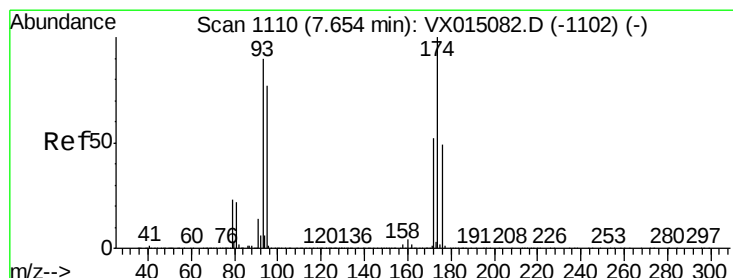
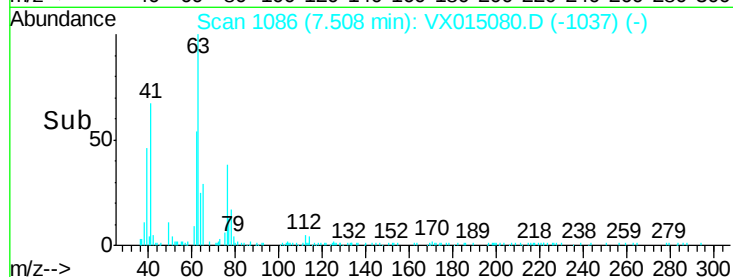
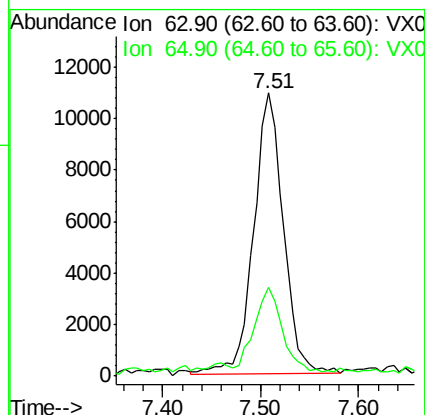
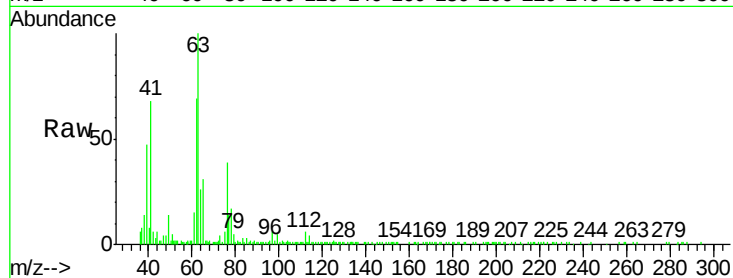




#45
 1,2-Dichloropropane
 Concen: 5.30 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: VX015080.D
 Acq: 04 Mar 2020 09:02

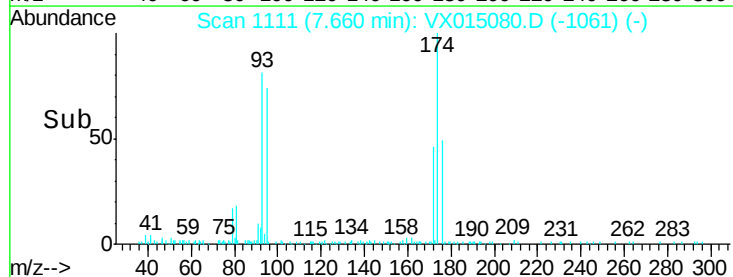
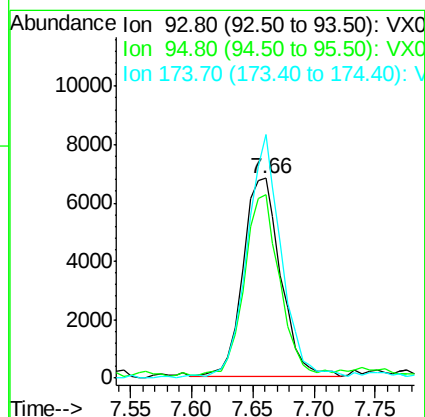
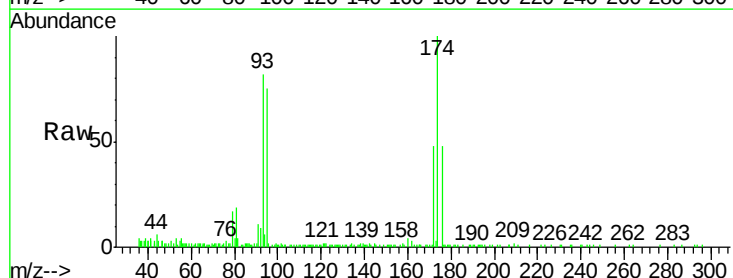
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tgt Ion: 63 Resp: 22957
 Ion Ratio Lower Upper
 63 100
 65 29.9 24.6 36.8



#46
 Dibromomethane
 Concen: 5.10 ug/l
 RT: 7.66 min Scan# 1111
 Delta R.T. 0.01 min
 Lab File: VX015080.D
 Acq: 04 Mar 2020 09:02

Tgt Ion: 93 Resp: 14402
 Ion Ratio Lower Upper
 93 100
 95 86.7 67.8 101.8
 174 114.0 91.0 136.4





#47

Bromodichloromethane

Concen: 4.81 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX015080.D

Acq: 04 Mar 2020 09:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

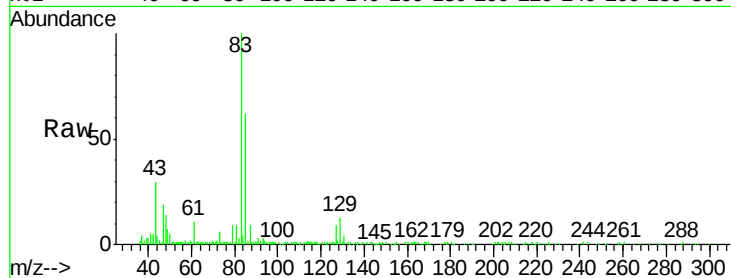
Tgt Ion: 83 Resp: 26862

Ion Ratio Lower Upper

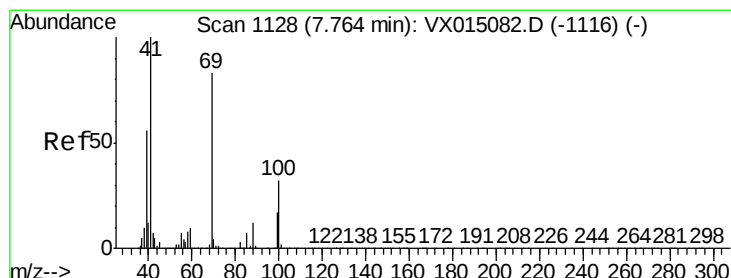
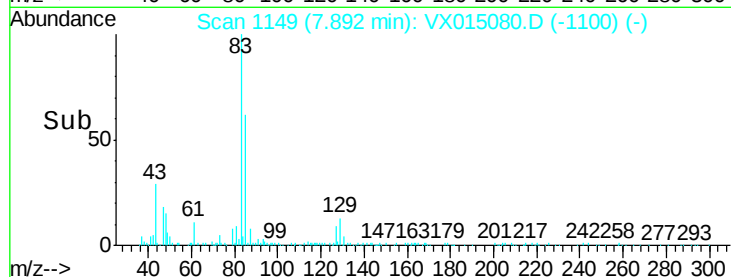
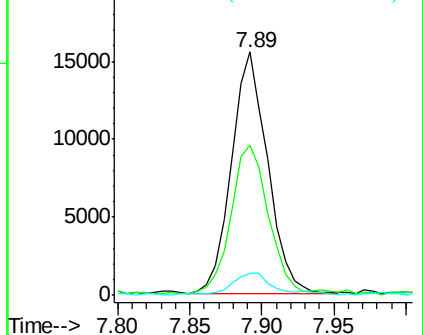
83 100

85 61.7 50.6 75.8

127 8.5 7.1 10.7



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 4.65 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. -0.00 min

Lab File: VX015080.D

Acq: 04 Mar 2020 09:02

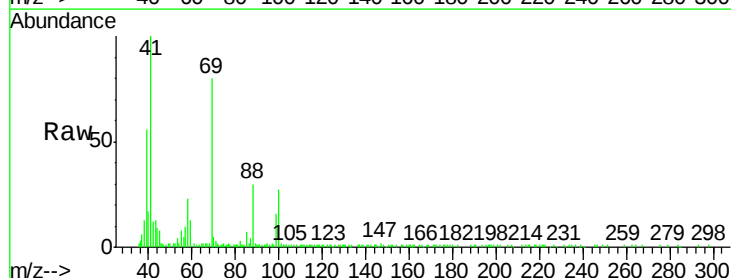
Tgt Ion: 41 Resp: 21776

Ion Ratio Lower Upper

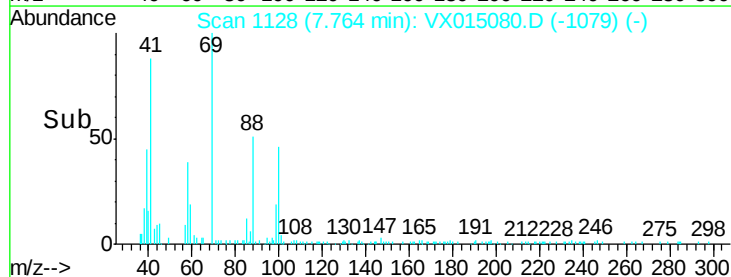
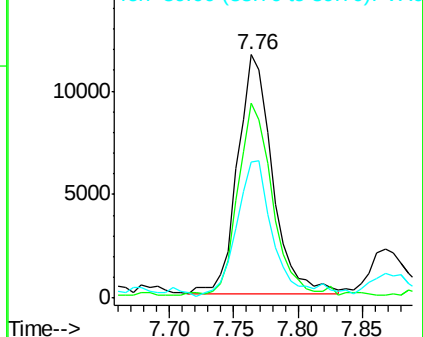
41 100

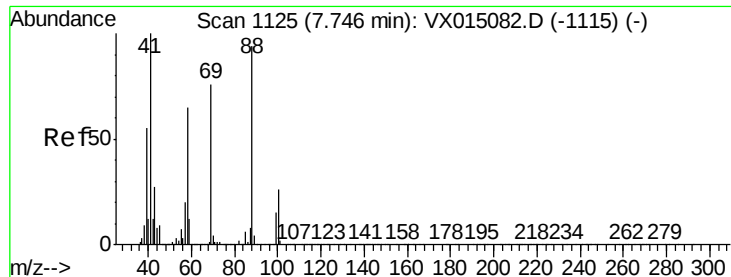
69 78.9 65.4 98.2

39 56.7 44.6 67.0



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

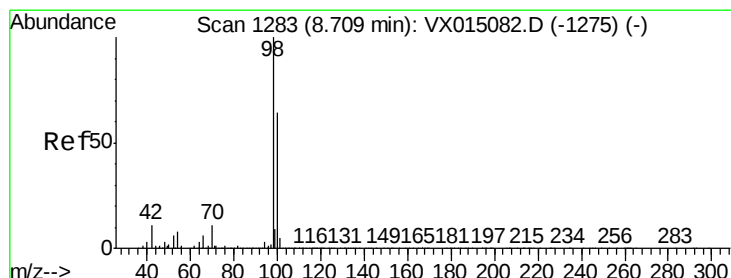
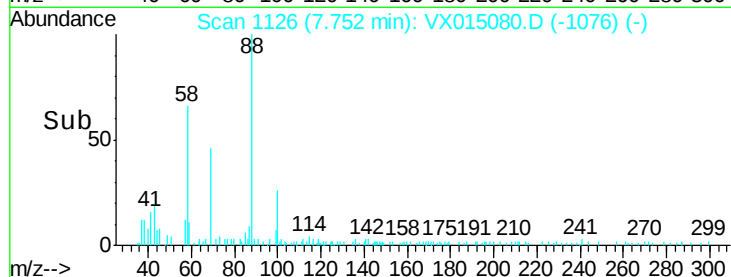
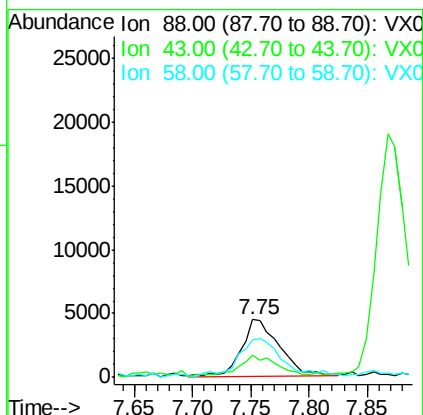
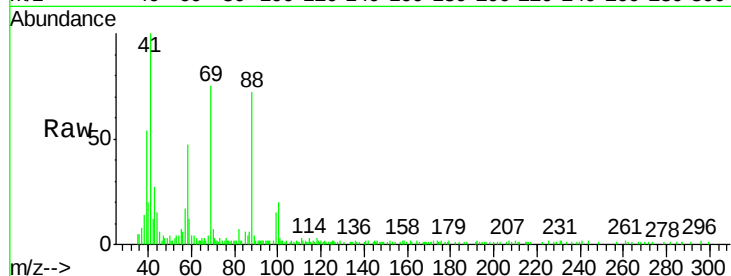




#49
1,4-Dioxane
Concen: 100.66 ug/l
RT: 7.75 min Scan# 1126
Delta R.T. 0.01 min
Lab File: VX015080.D
Acq: 04 Mar 2020 09:02

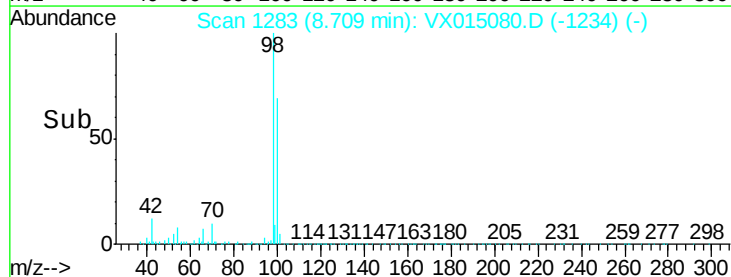
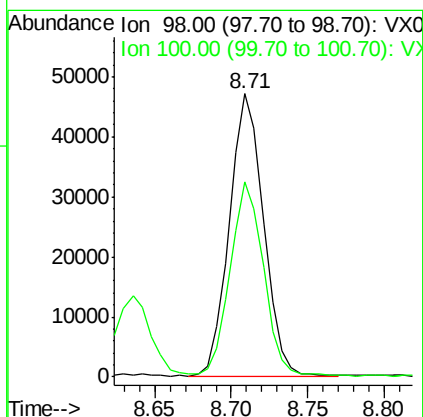
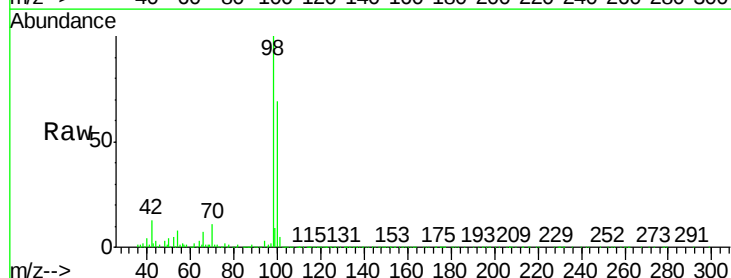
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

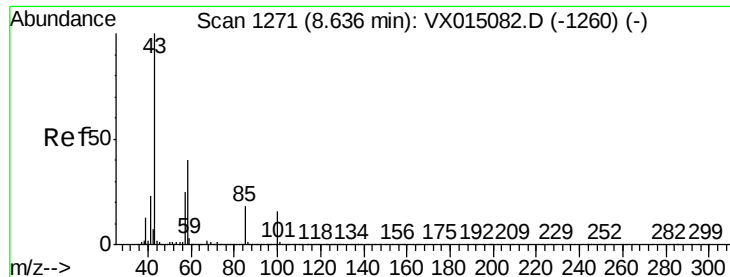
Tgt Ion: 88 Resp: 10170
Ion Ratio Lower Upper
88 100
43 32.3 27.0 40.4
58 81.8 55.6 83.4



#50
Toluene-d8
Concen: 4.98 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX015080.D
Acq: 04 Mar 2020 09:02

Tgt Ion: 98 Resp: 72846
Ion Ratio Lower Upper
98 100
100 67.5 52.4 78.6

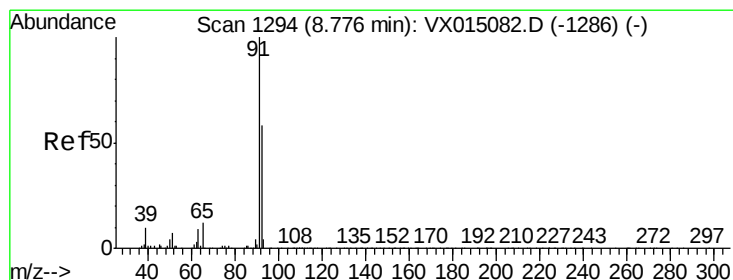
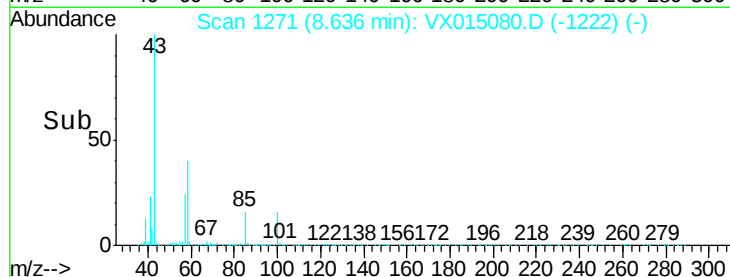
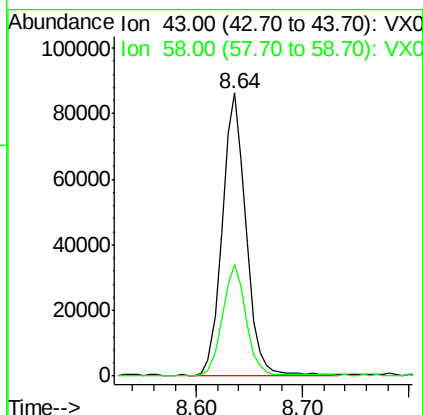
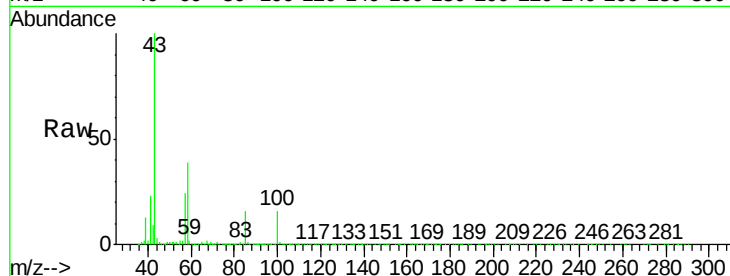




#51
 4-Methyl-2-Pentanone
 Concen: 24.61 ug/l
 RT: 8.64 min Scan# 1271
 Delta R.T. -0.00 min
 Lab File: VX015080.D
 Acq: 04 Mar 2020 09:02

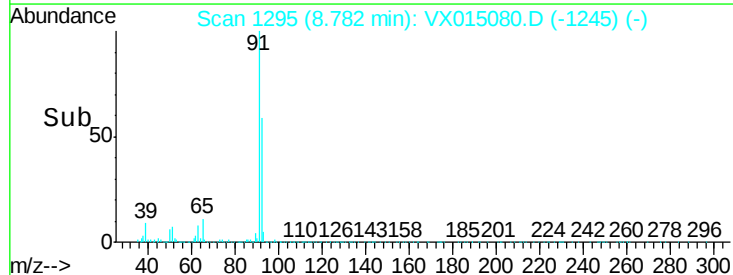
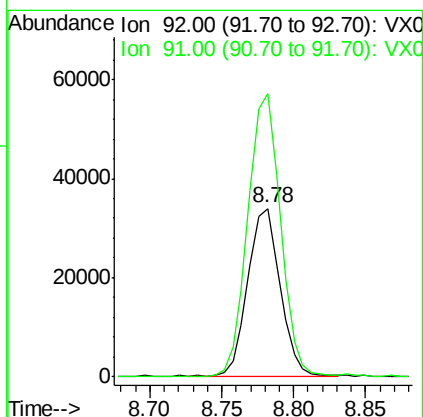
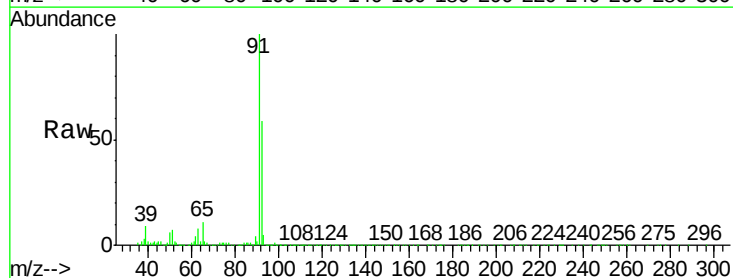
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

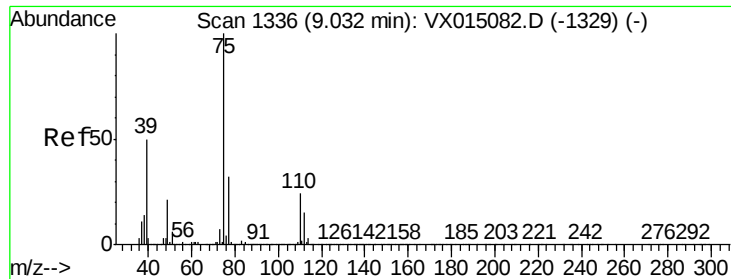
Tgt Ion: 43 Resp: 133917
 Ion Ratio Lower Upper
 43 100
 58 38.7 31.6 47.4



#52
 Toluene
 Concen: 5.18 ug/l
 RT: 8.78 min Scan# 1295
 Delta R.T. 0.01 min
 Lab File: VX015080.D
 Acq: 04 Mar 2020 09:02

Tgt Ion: 92 Resp: 52944
 Ion Ratio Lower Upper
 92 100
 91 169.6 136.9 205.3





#53

t-1,3-Dichloropropene

Concen: 4.52 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. 0.01 min

Lab File: VX015080.D

Acq: 04 Mar 2020 09:02

Instrument :

MSVOA_X

ClientSampleId :

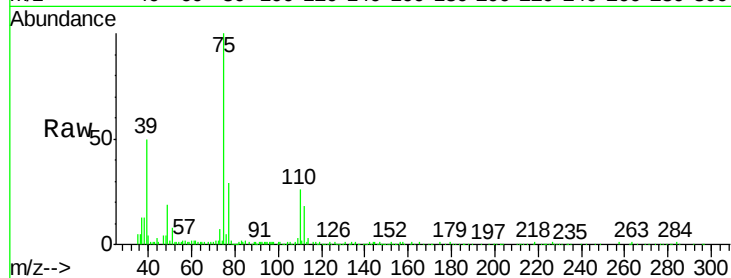
VSTDIC005

Tgt Ion: 75 Resp: 27023

Ion Ratio Lower Upper

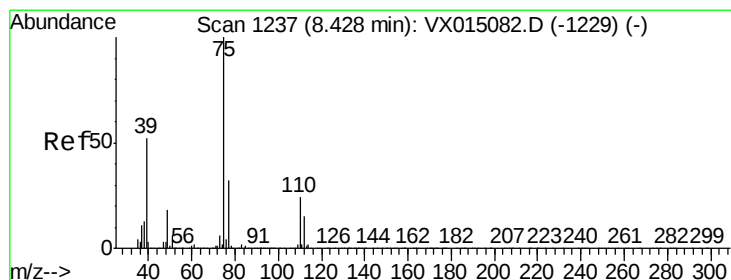
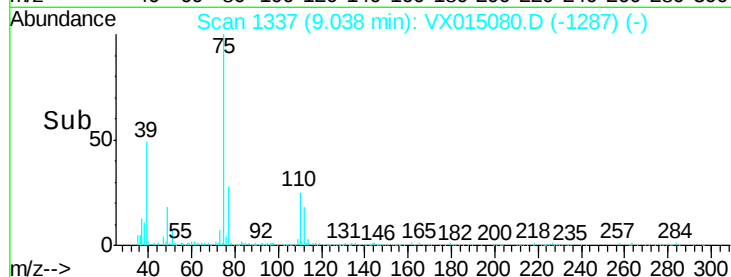
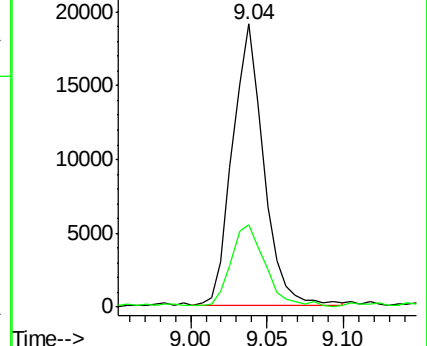
75 100

77 28.4 25.4 38.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 4.61 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. -0.00 min

Lab File: VX015080.D

Acq: 04 Mar 2020 09:02

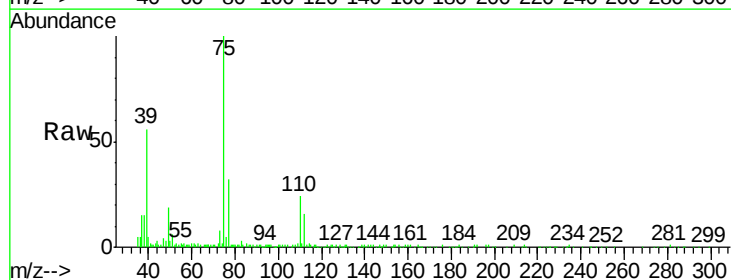
Tgt Ion: 75 Resp: 30955

Ion Ratio Lower Upper

75 100

77 30.7 25.8 38.6

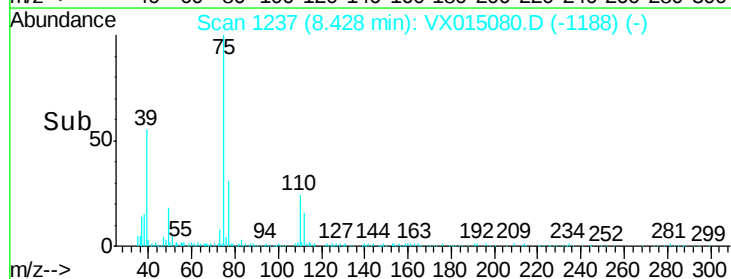
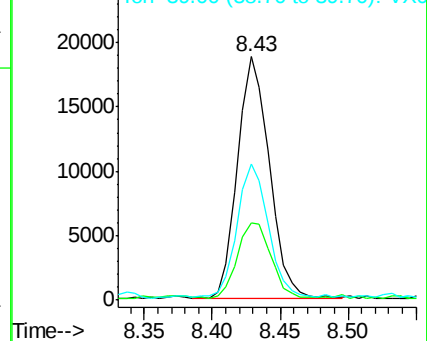
39 55.4 41.3 61.9

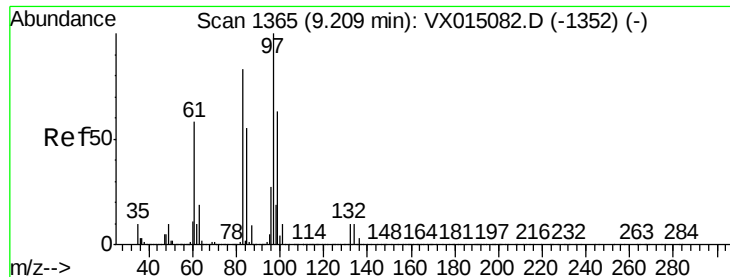


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

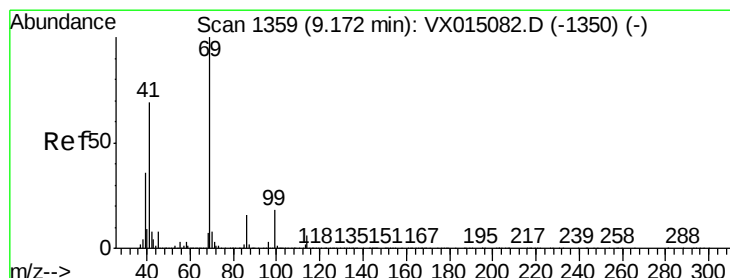
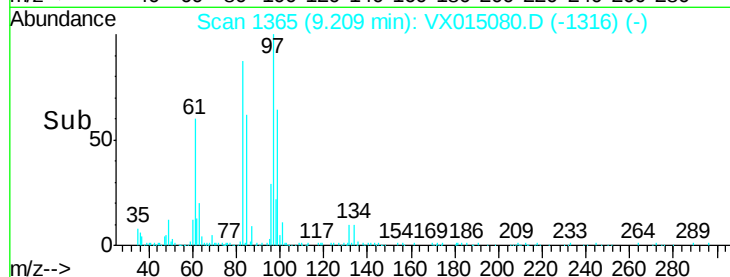
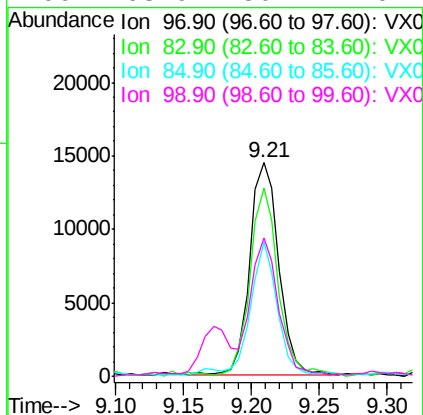
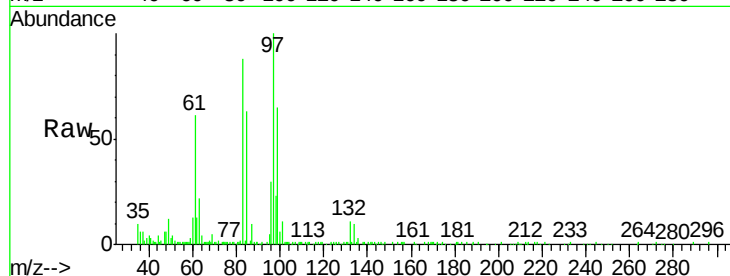




#55
 1,1,2-Trichloroethane
 Concen: 5.18 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX015080.D
 Acq: 04 Mar 2020 09:02

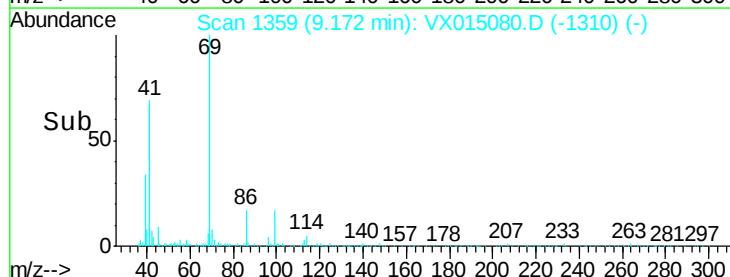
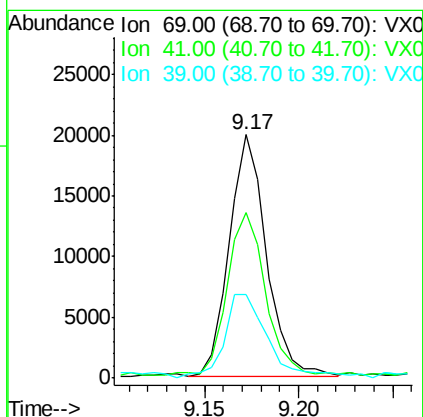
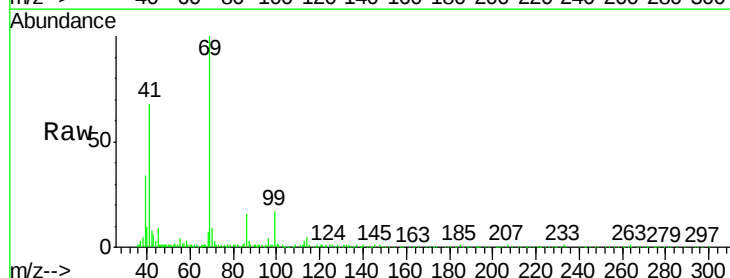
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

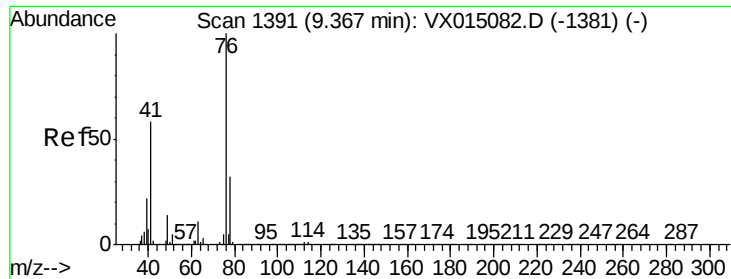
Tgt Ion:	97	Resp:	21812
Ion	Ratio	Lower	Upper
97	100		
83	87.3	66.4	99.6
85	62.7	43.5	65.3
99	63.9	50.7	76.1



#56
 Ethyl methacrylate
 Concen: 4.50 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX015080.D
 Acq: 04 Mar 2020 09:02

Tgt Ion:	69	Resp:	27044
Ion	Ratio	Lower	Upper
69	100		
41	69.3	55.8	83.8
39	41.3	29.4	44.2





#57

1,3-Dichloropropane

Concen: 5.15 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX015080.D

Acq: 04 Mar 2020 09:02

Instrument :

MSVOA_X

ClientSampleId :

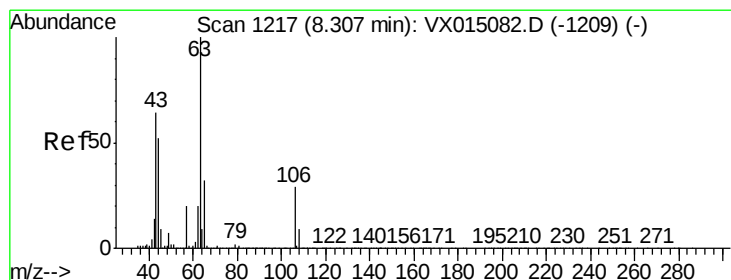
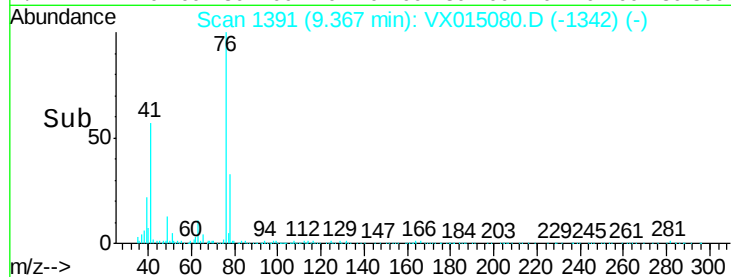
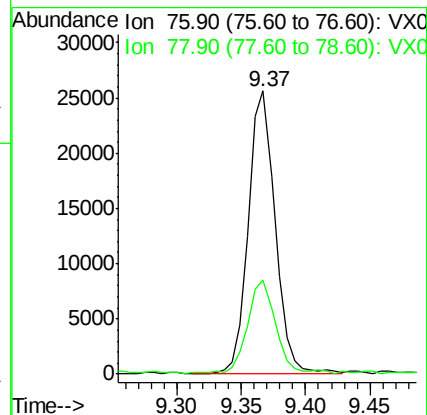
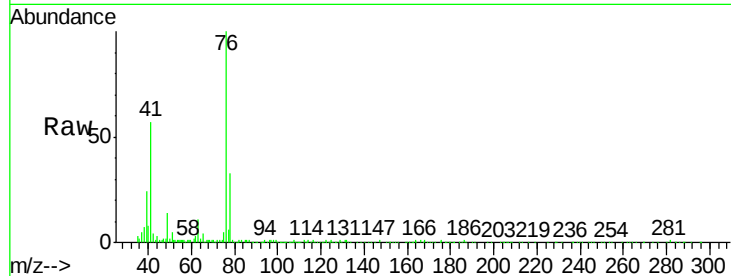
VSTDIC005

Tgt Ion: 76 Resp: 36458

Ion Ratio Lower Upper

76 100

78 34.6 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 23.80 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. -0.00 min

Lab File: VX015080.D

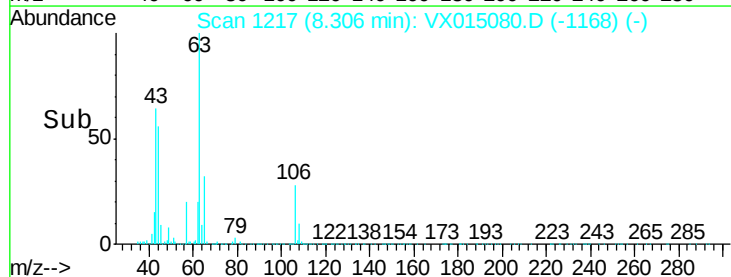
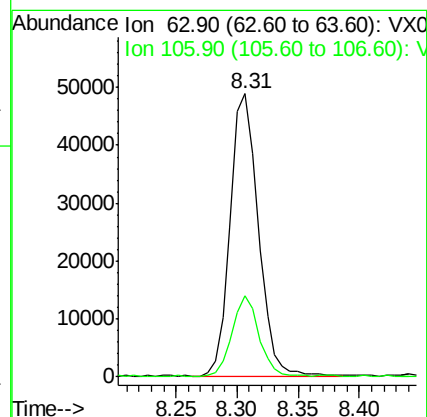
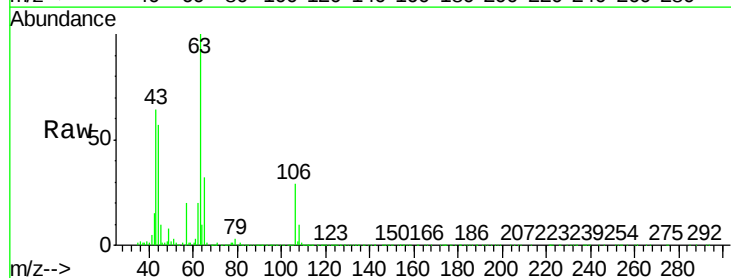
Acq: 04 Mar 2020 09:02

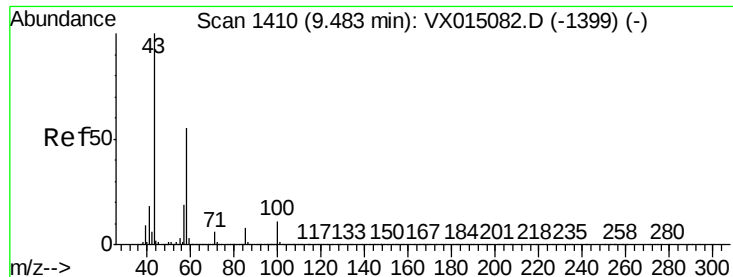
Tgt Ion: 63 Resp: 77863

Ion Ratio Lower Upper

63 100

106 27.4 22.8 34.2

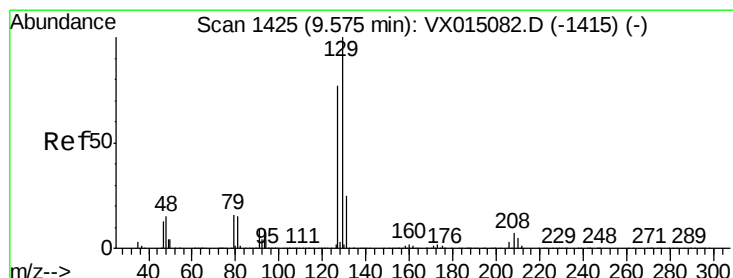
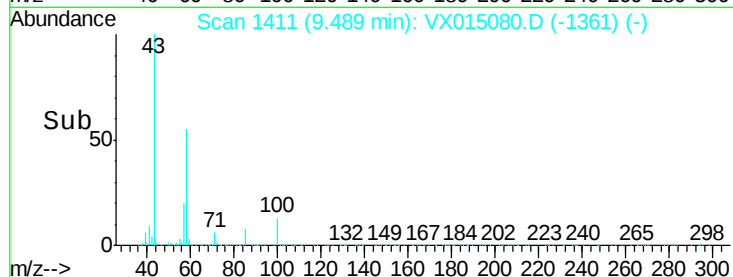
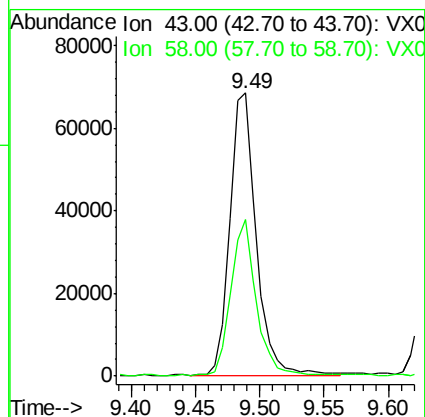
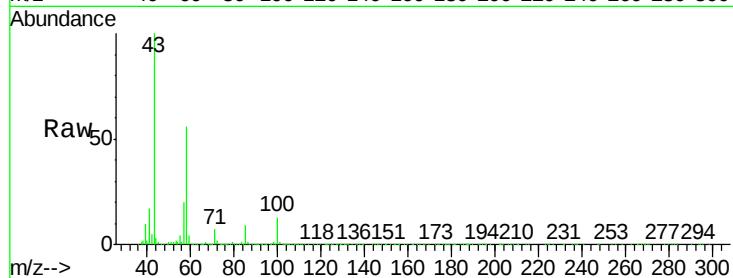




#59
2-Hexanone
Concen: 24.33 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.01 min
Lab File: VX015080.D
Acq: 04 Mar 2020 09:02

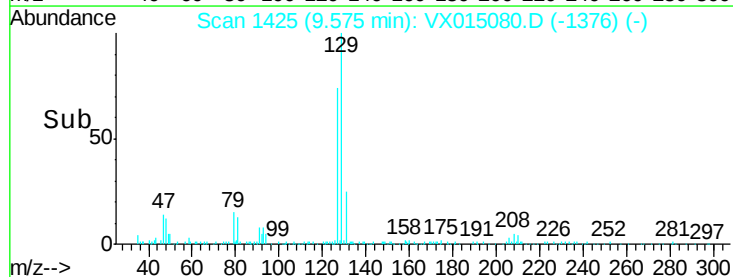
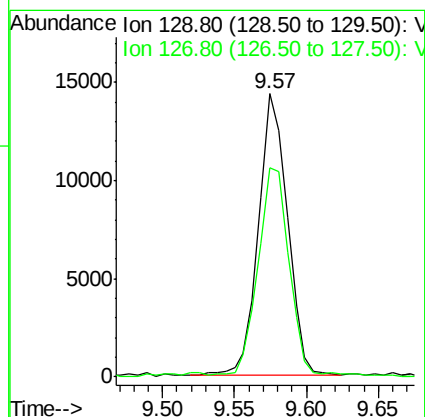
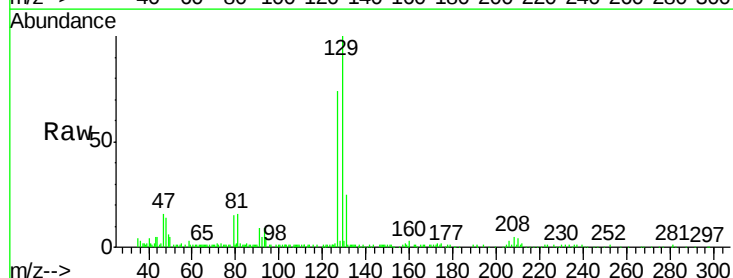
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

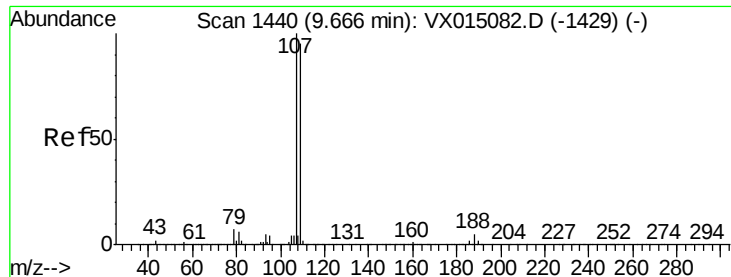
Tgt Ion: 43 Resp: 98109
Ion Ratio Lower Upper
43 100
58 53.6 27.3 81.8



#60
Dibromochloromethane
Concen: 4.50 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.00 min
Lab File: VX015080.D
Acq: 04 Mar 2020 09:02

Tgt Ion: 129 Resp: 19922
Ion Ratio Lower Upper
129 100
127 81.7 38.8 116.3





#61

1,2-Dibromoethane

Concen: 5.28 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX015080.D

Acq: 04 Mar 2020 09:02

Instrument :

MSVOA_X

ClientSampleId :

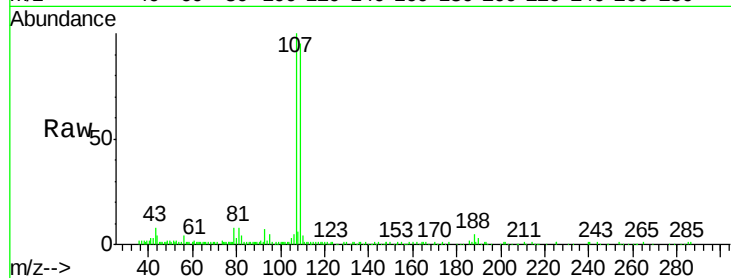
VSTDIC005

Tgt Ion: 107 Resp: 23358

Ion Ratio Lower Upper

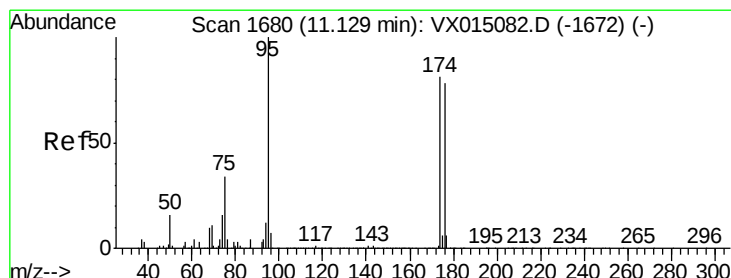
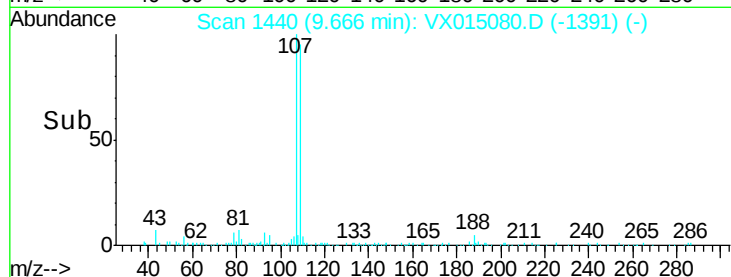
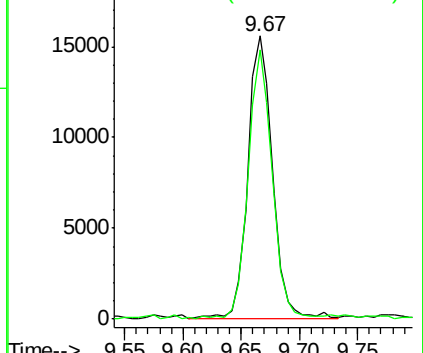
107 100

109 92.4 75.6 113.4



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 4.77 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX015080.D

Acq: 04 Mar 2020 09:02

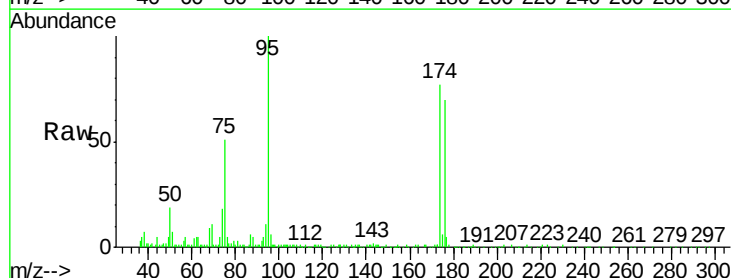
Tgt Ion: 95 Resp: 24883

Ion Ratio Lower Upper

95 100

174 91.0 0.0 177.6

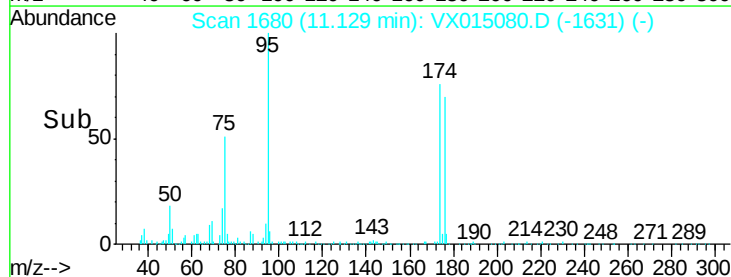
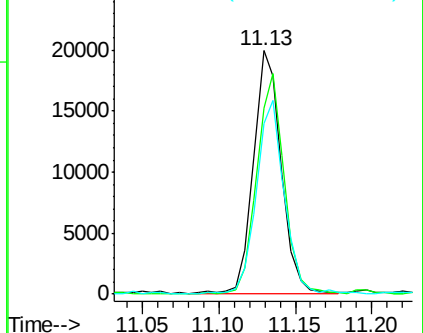
176 82.5 0.0 170.2

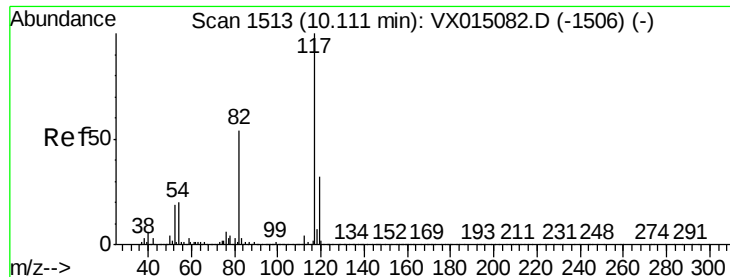


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

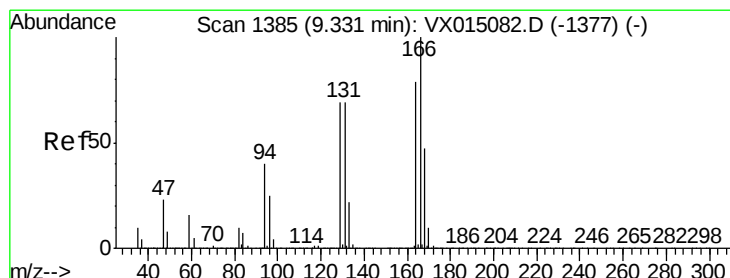
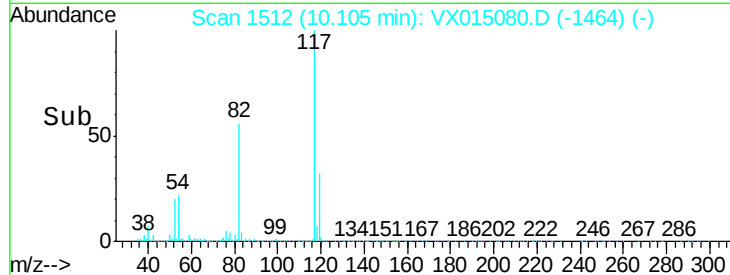
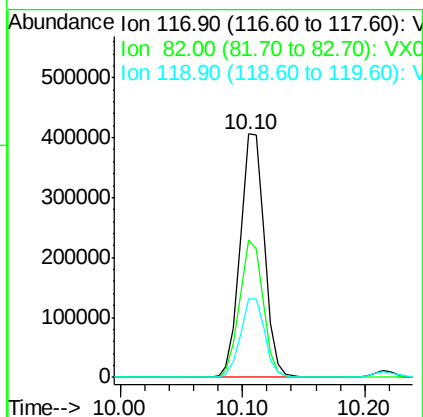
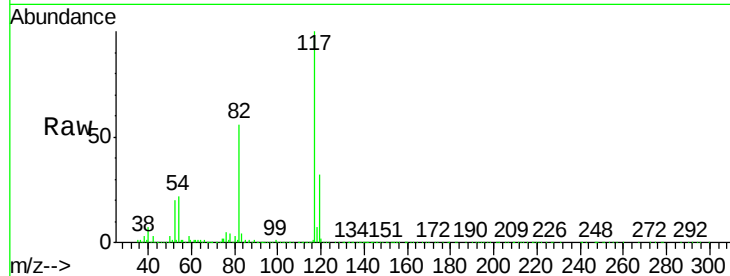




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX015080.D
Acq: 04 Mar 2020 09:02

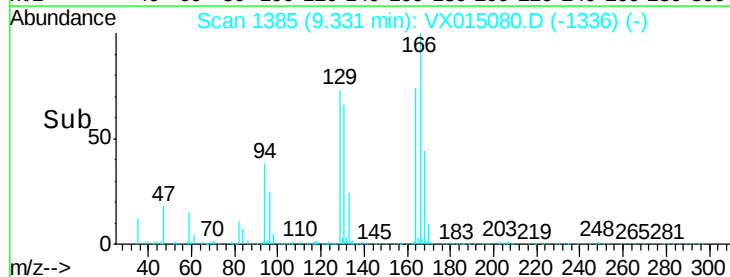
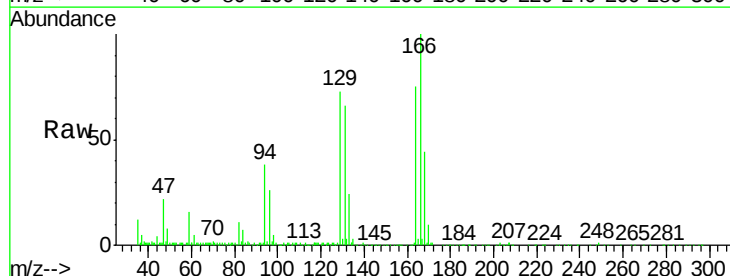
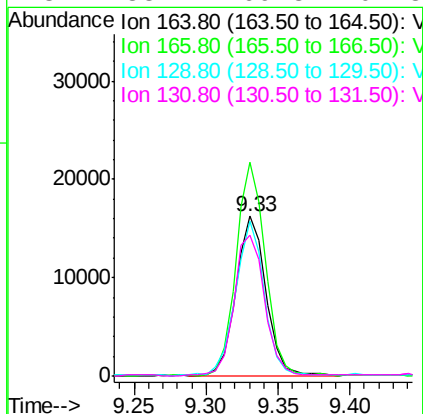
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

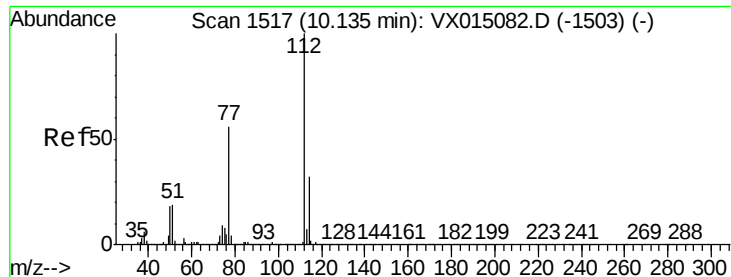
Tgt Ion	Ratio	Lower	Upper
117	100		
82	56.3	43.3	64.9
119	32.4	25.8	38.8



#64
Tetrachloroethene
Concen: 5.16 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX015080.D
Acq: 04 Mar 2020 09:02

Tgt Ion	Ratio	Lower	Upper
164	100		
166	133.4	101.1	151.7
129	96.6	69.4	104.0
131	88.1	69.8	104.8

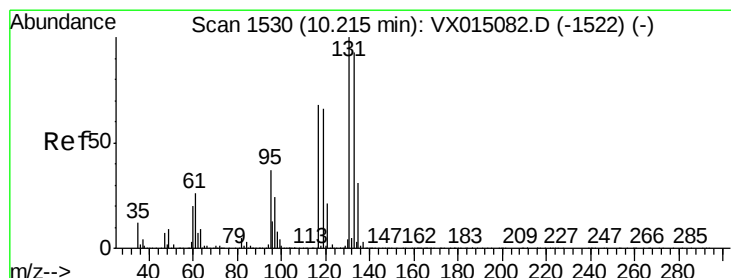
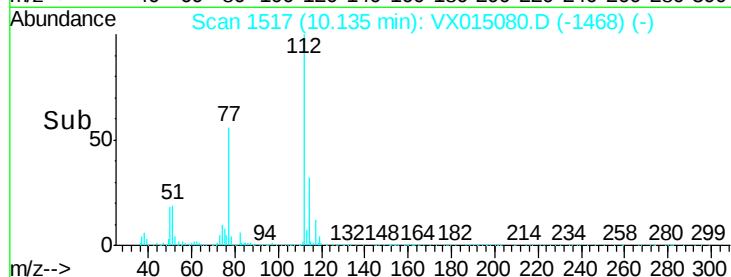
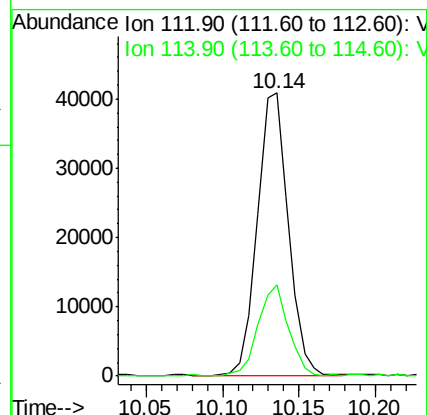
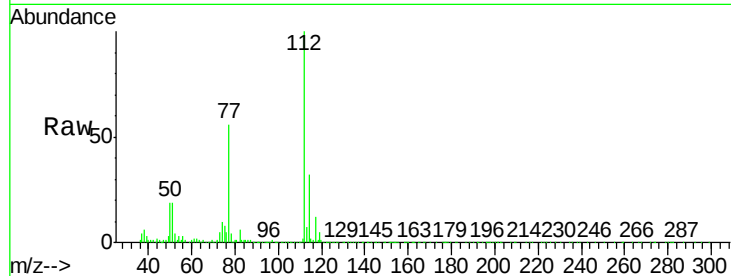




#65
Chlorobenzene
Concen: 5.21 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX015080.D
Acq: 04 Mar 2020 09:02

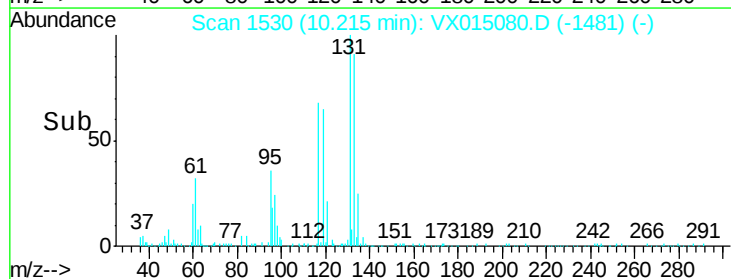
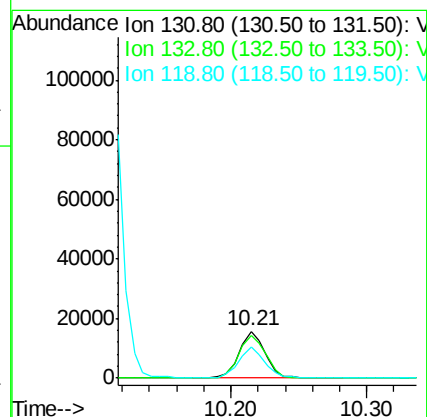
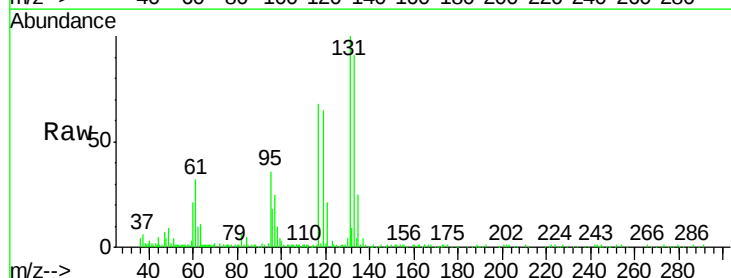
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

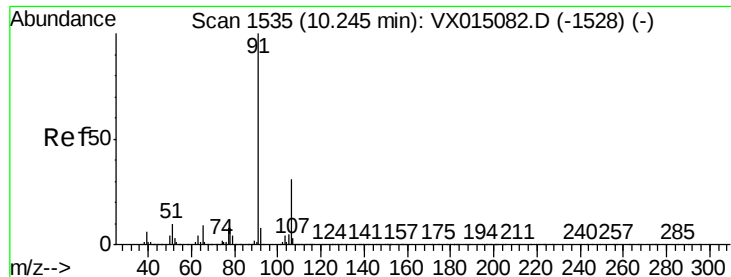
Tgt Ion:112 Resp: 57986
Ion Ratio Lower Upper
112 100
114 32.1 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 5.00 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX015080.D
Acq: 04 Mar 2020 09:02

Tgt Ion:131 Resp: 20961
Ion Ratio Lower Upper
131 100
133 96.9 47.5 142.5
119 63.8 33.4 100.1





#67

Ethyl Benzene

Concen: 4.95 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX015080.D

Acq: 04 Mar 2020 09:02

Instrument :

MSVOA_X

ClientSampleId :

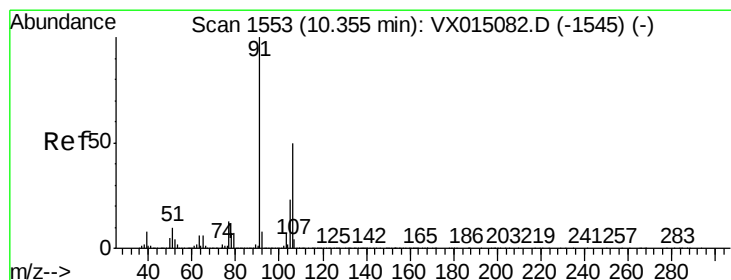
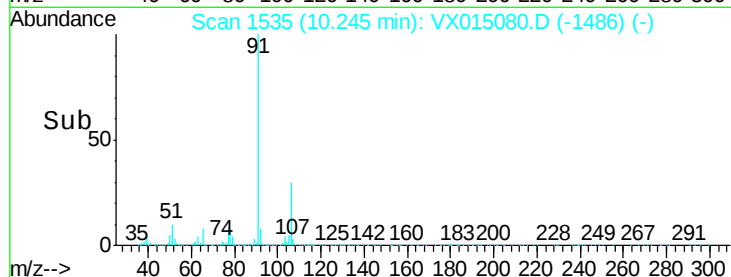
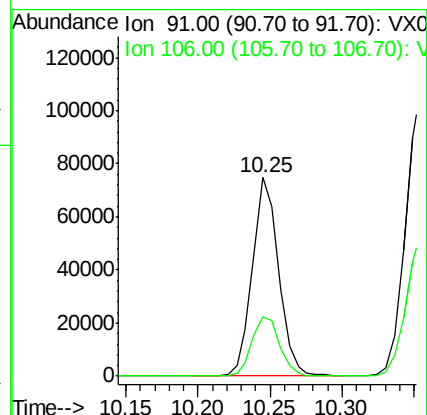
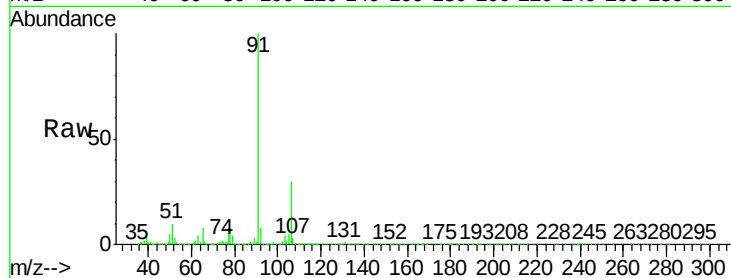
VSTDIC005

Tgt Ion: 91 Resp: 93498

Ion Ratio Lower Upper

91 100

106 30.2 24.9 37.3



#68

m/p-Xylenes

Concen: 10.01 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX015080.D

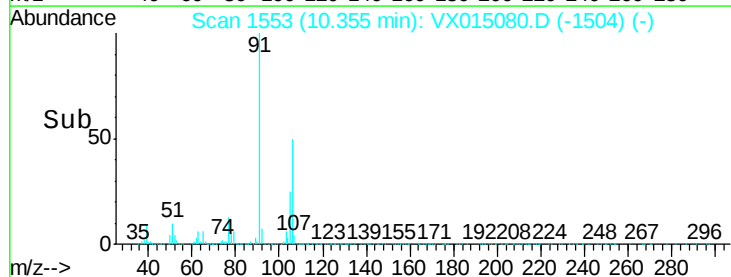
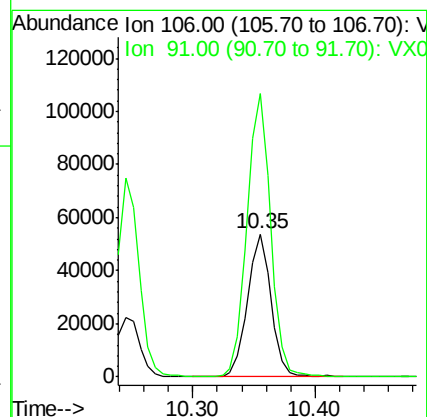
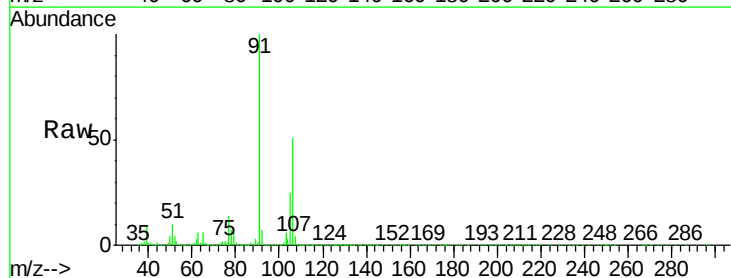
Acq: 04 Mar 2020 09:02

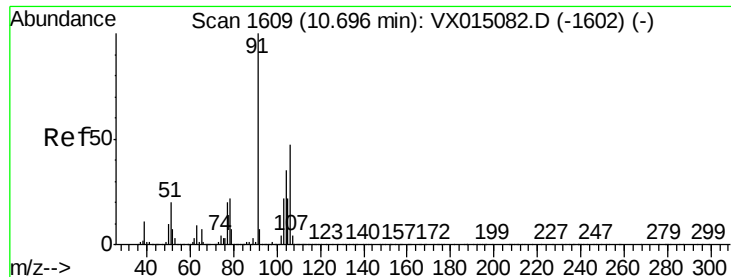
Tgt Ion: 106 Resp: 71951

Ion Ratio Lower Upper

106 100

91 197.7 159.4 239.2

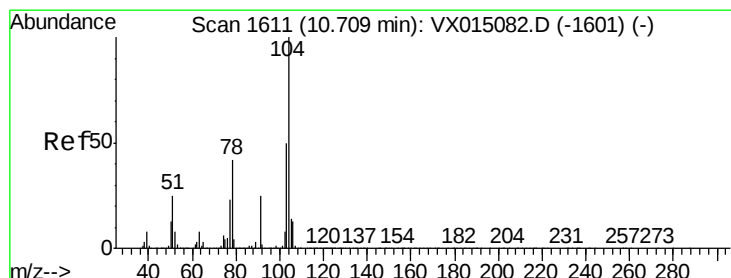
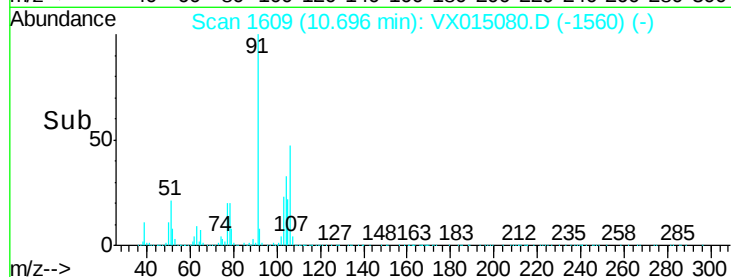
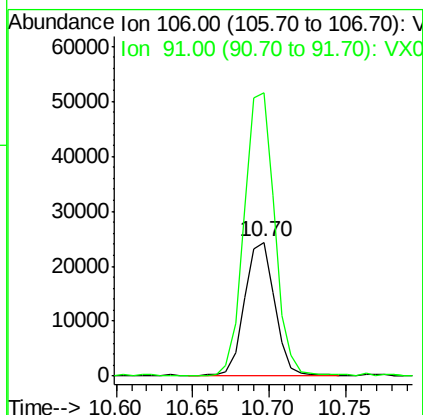
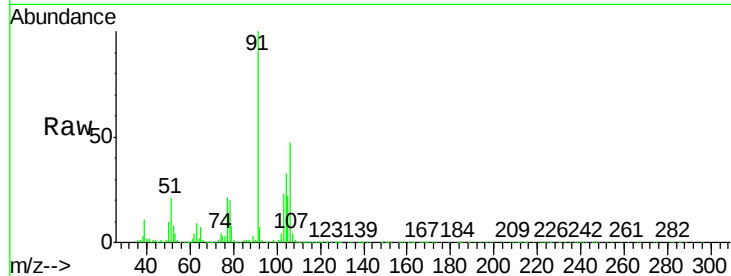




#69
o-Xylene
Concen: 4.79 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX015080.D
Acq: 04 Mar 2020 09:02

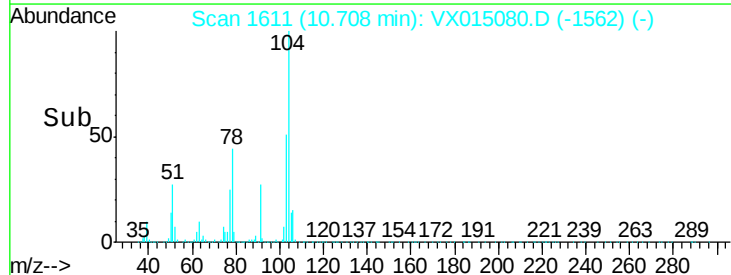
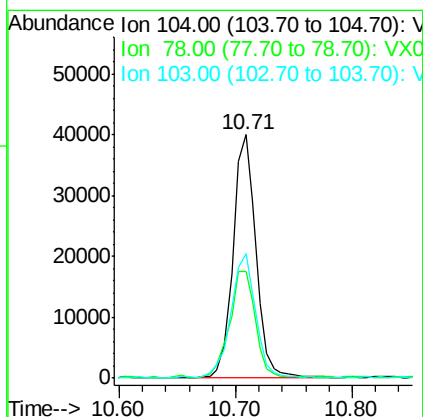
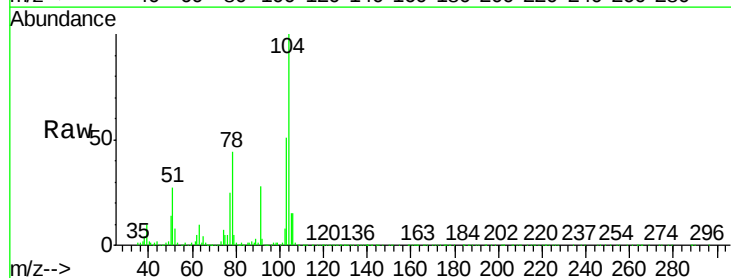
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

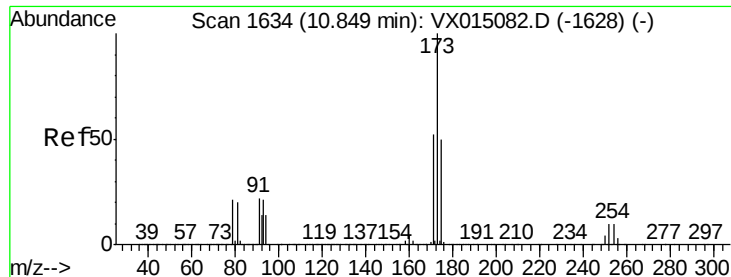
Tgt Ion:106 Resp: 32973
Ion Ratio Lower Upper
106 100
91 214.2 105.4 316.1



#70
Styrene
Concen: 4.68 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX015080.D
Acq: 04 Mar 2020 09:02

Tgt Ion:104 Resp: 55165
Ion Ratio Lower Upper
104 100
78 48.8 39.0 58.4
103 54.3 43.7 65.5





#71

Bromoform

Concen: 4.69 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. -0.00 min

Lab File: VX015080.D

Acq: 04 Mar 2020 09:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

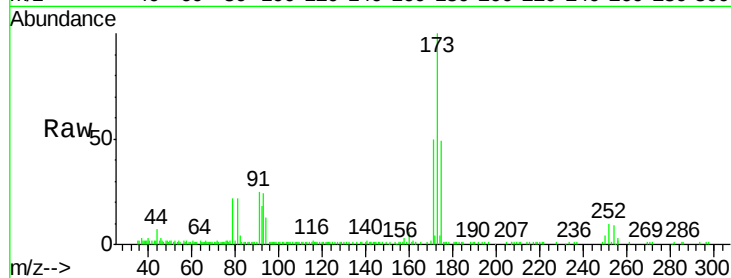
Tgt Ion:173 Resp: 15266

Ion Ratio Lower Upper

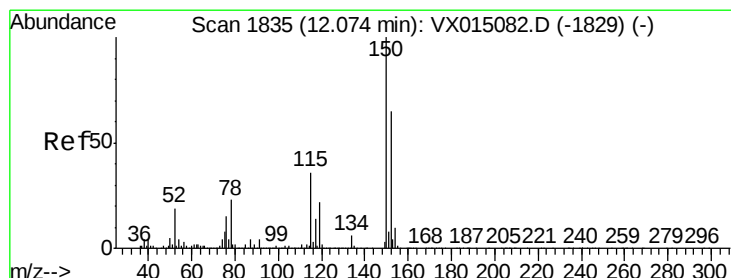
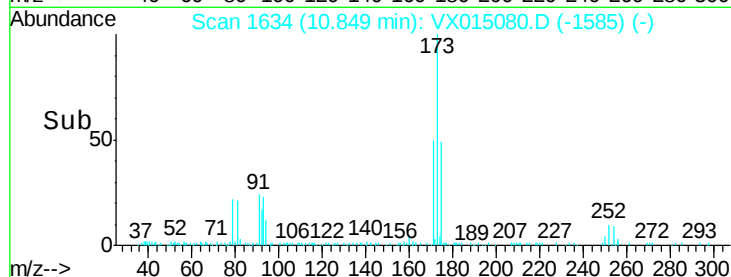
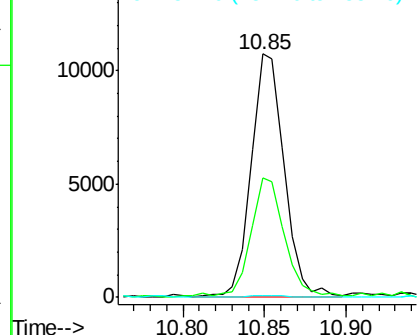
173 100

175 50.5 24.9 74.7

254 0.6 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: VX015080.D

Acq: 04 Mar 2020 09:02

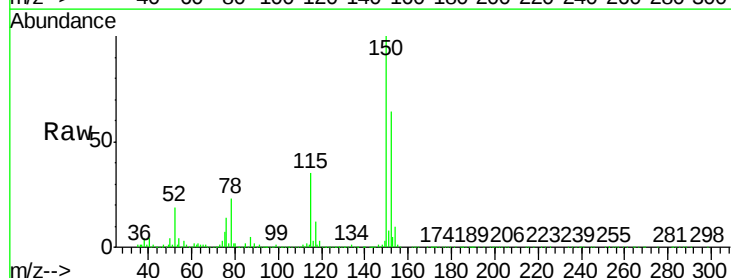
Tgt Ion:152 Resp: 274727

Ion Ratio Lower Upper

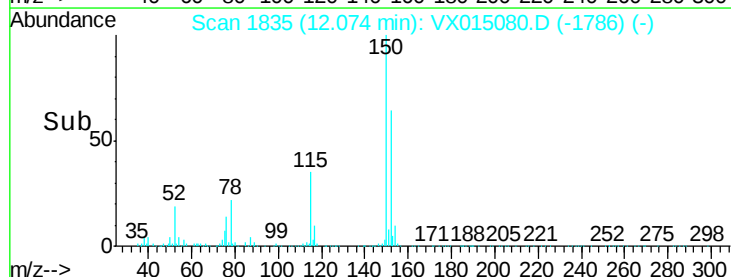
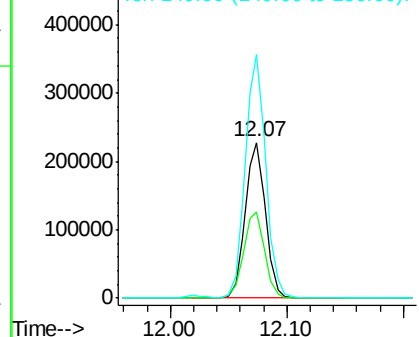
152 100

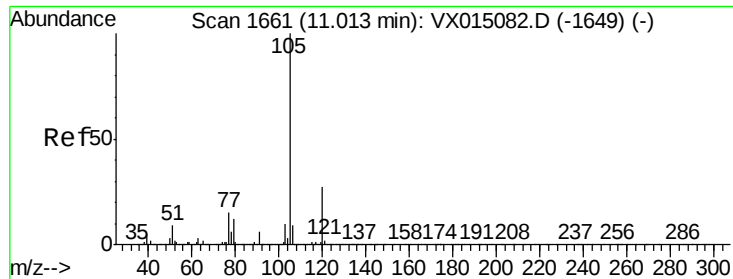
115 57.9 38.2 114.6

150 159.0 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: 5.05 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX015080.D

Acq: 04 Mar 2020 09:02

Instrument :

MSVOA_X

ClientSampleId :

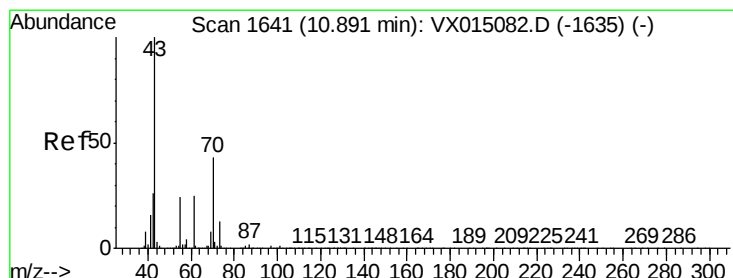
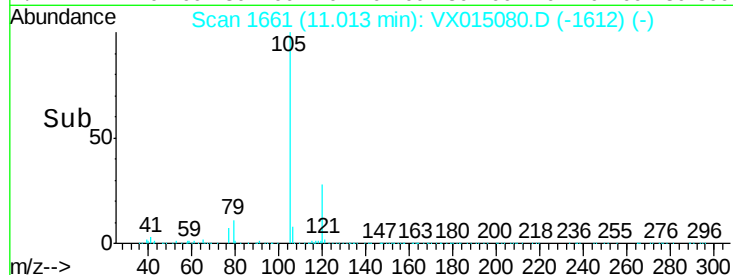
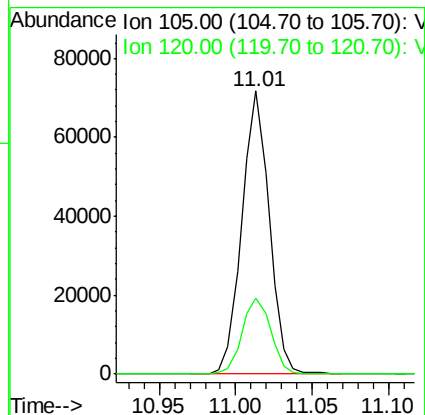
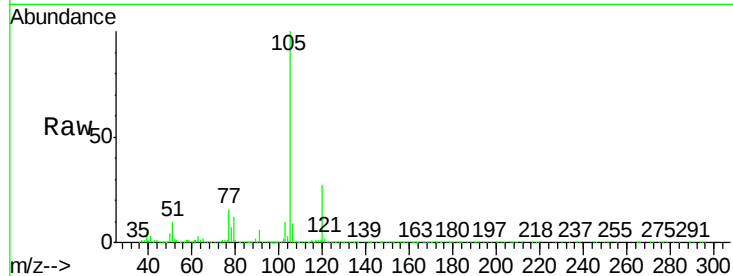
VSTDIC005

Tgt Ion:105 Resp: 88539

Ion Ratio Lower Upper

105 100

120 28.7 13.5 40.5



#74

N-ethyl acetate

Concen: 4.41 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX015080.D

Acq: 04 Mar 2020 09:02

Tgt Ion: 43 Resp: 32643

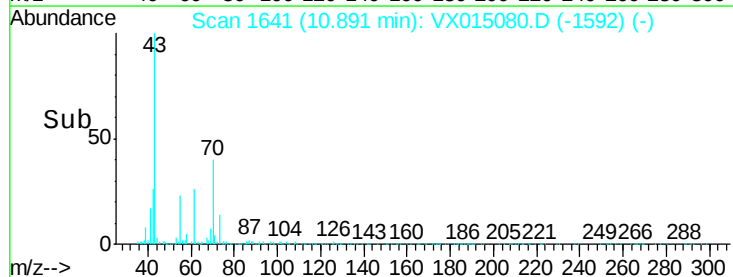
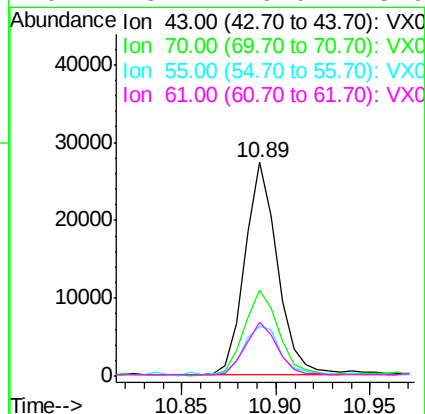
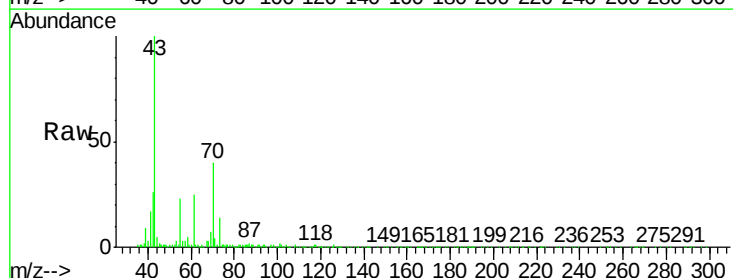
Ion Ratio Lower Upper

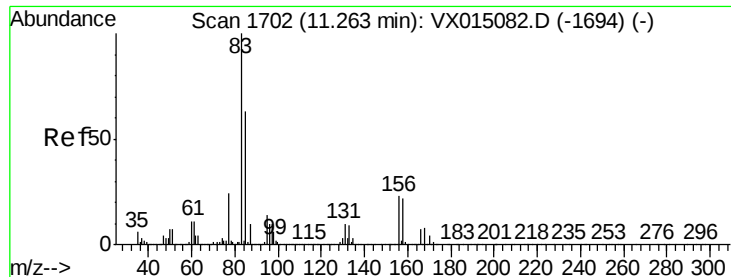
43 100

70 43.2 34.7 52.1

55 29.8 19.4 29.0#

61 25.2 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 5.33 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX015080.D

Acq: 04 Mar 2020 09:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

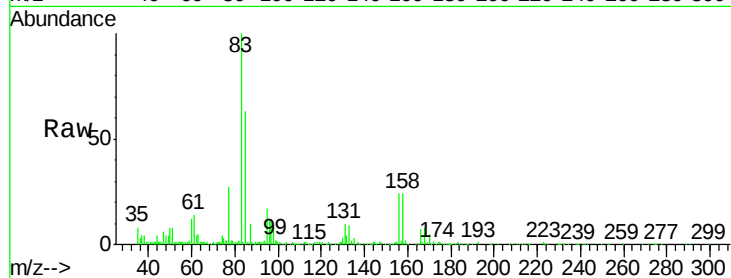
Tgt Ion: 83 Resp: 31168

Ion Ratio Lower Upper

83 100

131 10.8 5.0 14.9

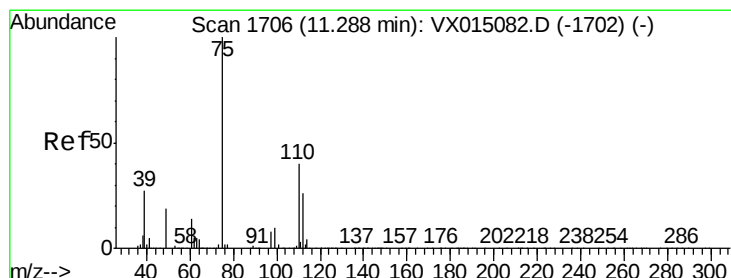
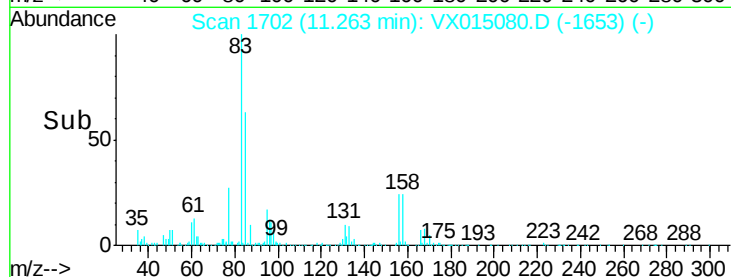
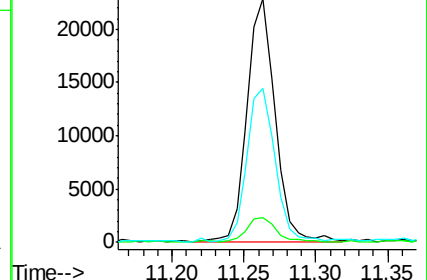
85 64.4 31.9 95.9



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: 6.06 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VX015080.D

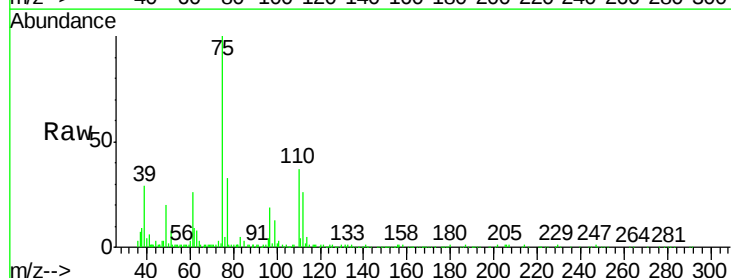
Acq: 04 Mar 2020 09:02

Tgt Ion: 75 Resp: 32699

Ion Ratio Lower Upper

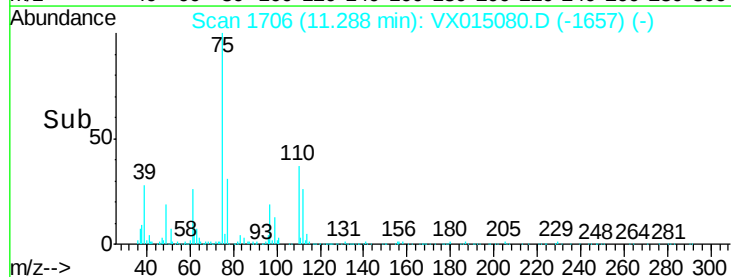
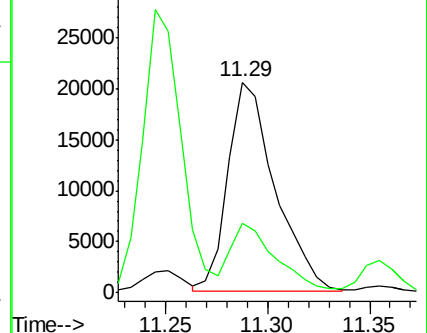
75 100

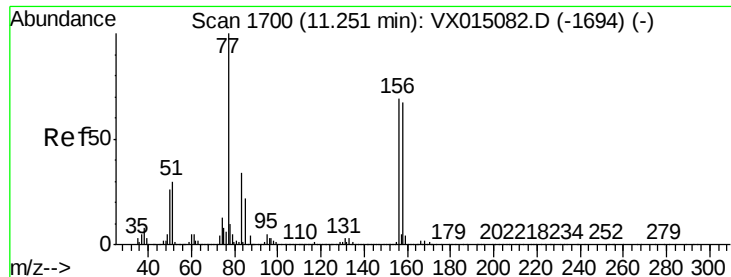
77 30.9 22.6 67.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 5.18 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX015080.D

Acq: 04 Mar 2020 09:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

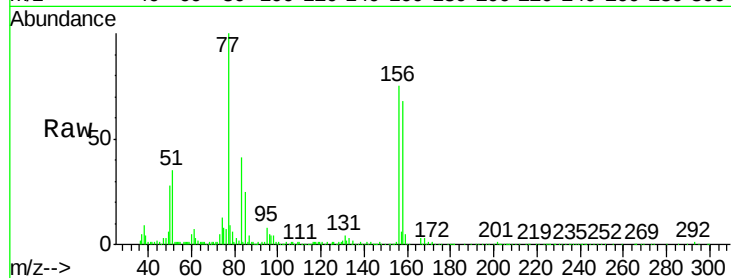
Tgt Ion:156 Resp: 25354

Ion Ratio Lower Upper

156 100

77 143.3 75.3 225.9

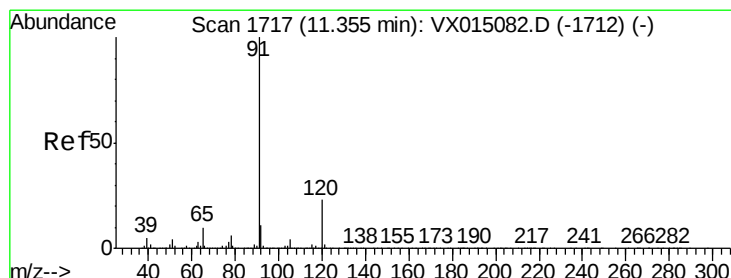
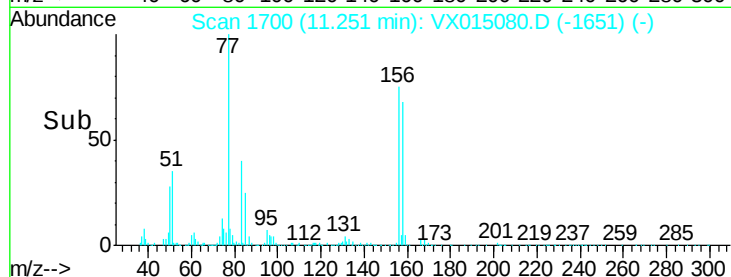
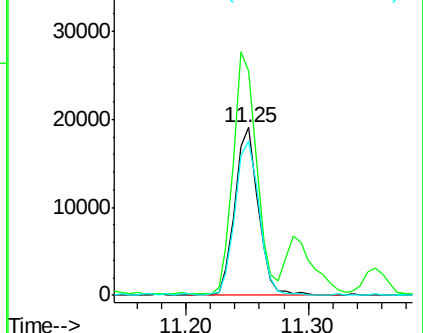
158 95.3 48.5 145.6



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: 5.06 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX015080.D

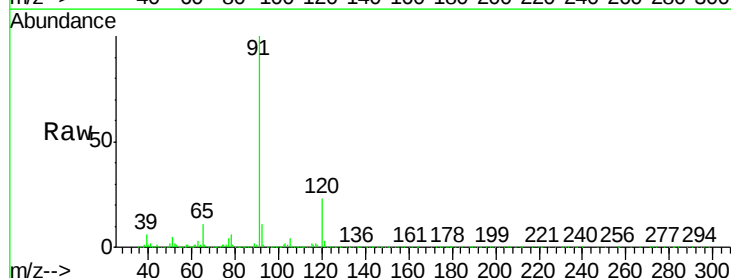
Acq: 04 Mar 2020 09:02

Tgt Ion: 91 Resp: 101538

Ion Ratio Lower Upper

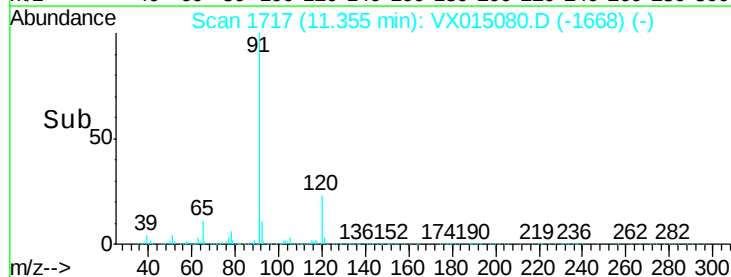
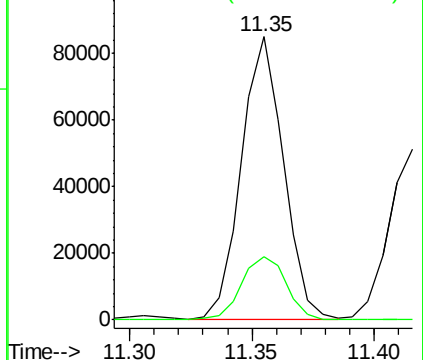
91 100

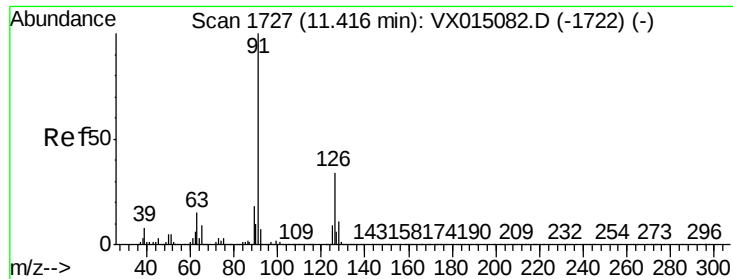
120 23.9 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

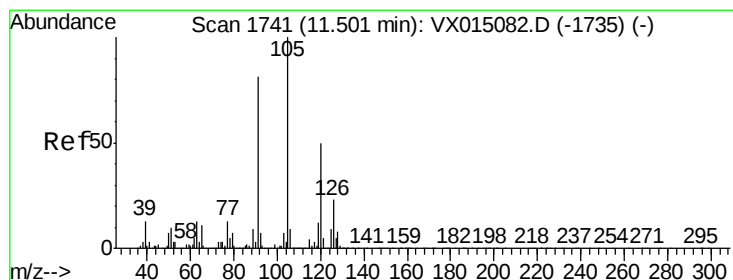
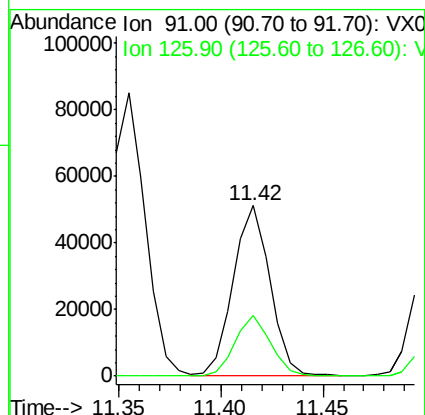
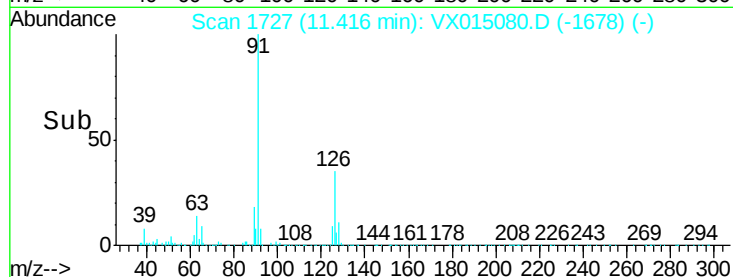
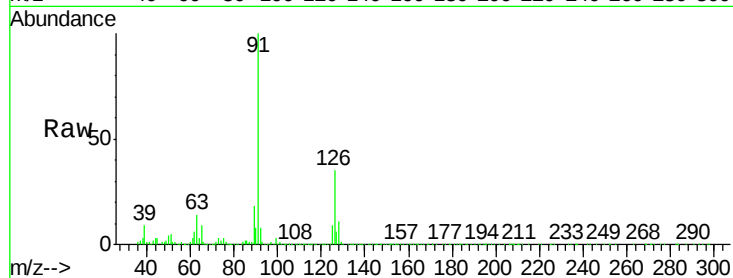




#79
2-Chlorotoluene
Concen: 5.31 ug/l
RT: 11.42 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VX015080.D
Acq: 04 Mar 2020 09:02

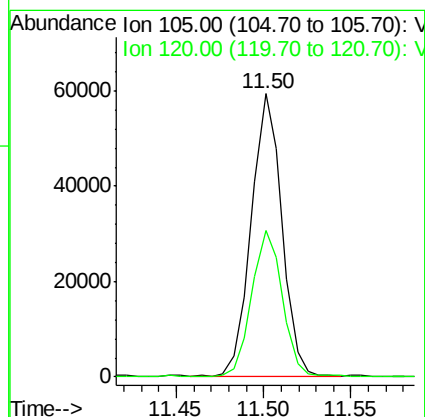
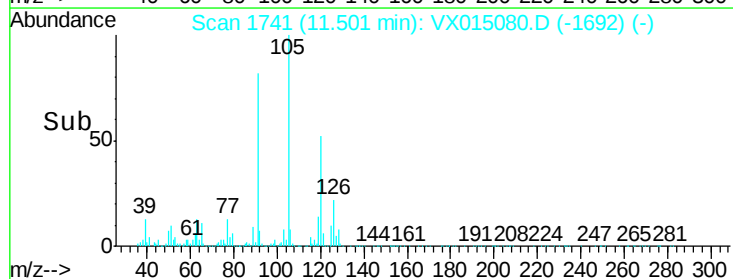
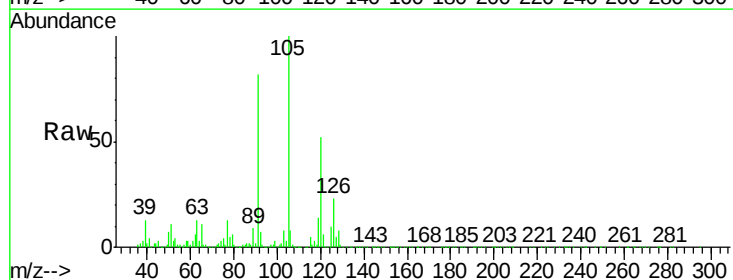
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

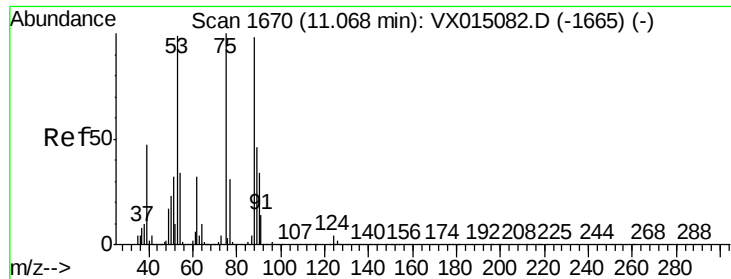
Tgt Ion: 91 Resp: 63583
Ion Ratio Lower Upper
91 100
126 34.6 17.3 52.0



#80
1,3,5-Trimethylbenzene
Concen: 4.91 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX015080.D
Acq: 04 Mar 2020 09:02

Tgt Ion: 105 Resp: 71787
Ion Ratio Lower Upper
105 100
120 52.3 25.1 75.4





#81

trans-1,4-Dichloro-2-butene

Concen: 4.30 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX015080.D

Acq: 04 Mar 2020 09:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

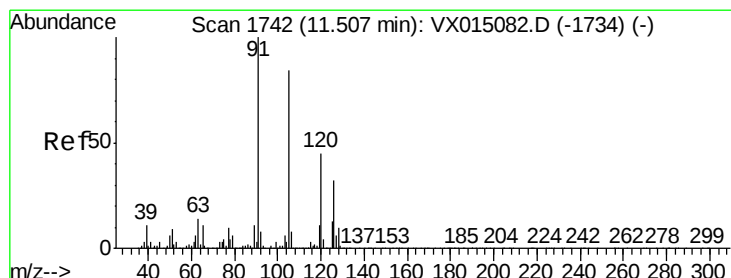
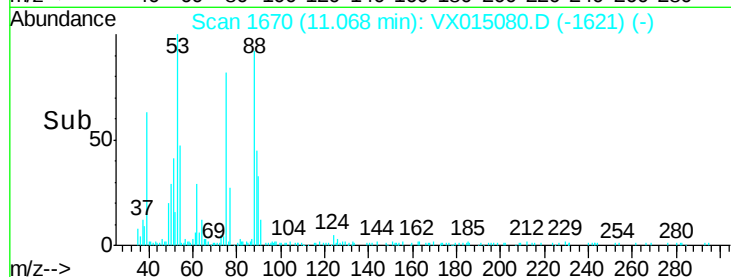
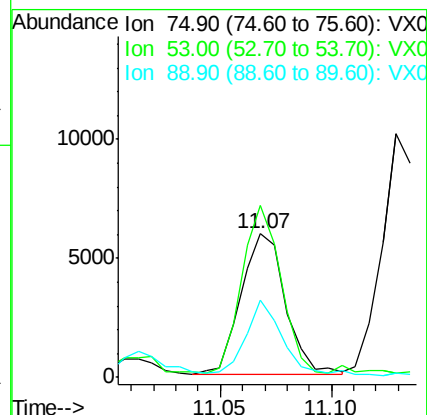
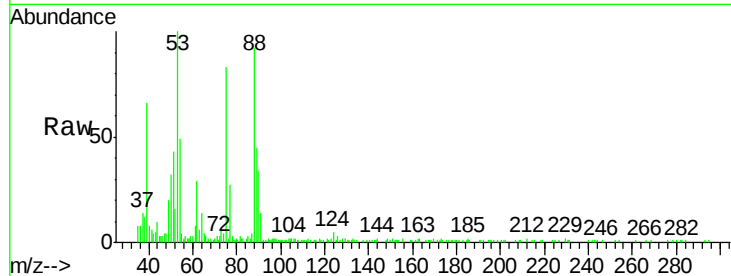
Tgt Ion: 75 Resp: 8307

Ion Ratio Lower Upper

75 100

53 102.5 77.9 116.9

89 43.6 36.2 54.2



#82

4-Chlorotoluene

Concen: 4.99 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX015080.D

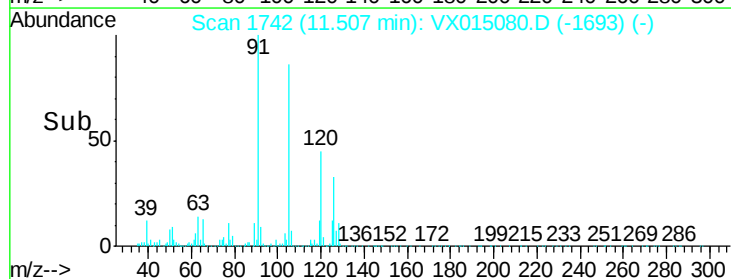
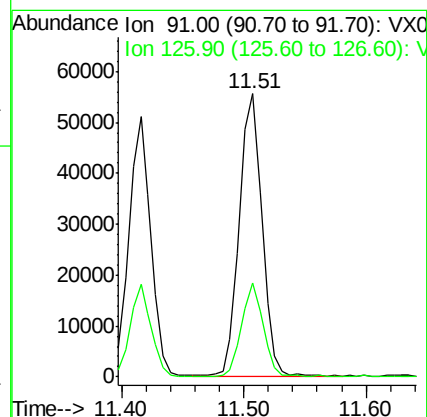
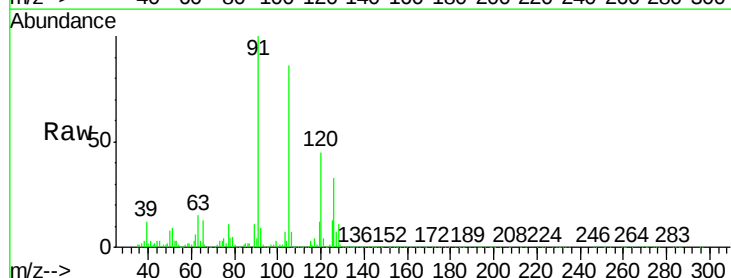
Acq: 04 Mar 2020 09:02

Tgt Ion: 91 Resp: 70549

Ion Ratio Lower Upper

91 100

126 31.4 15.4 46.2

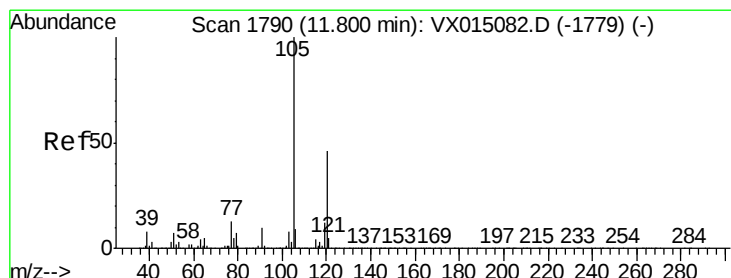
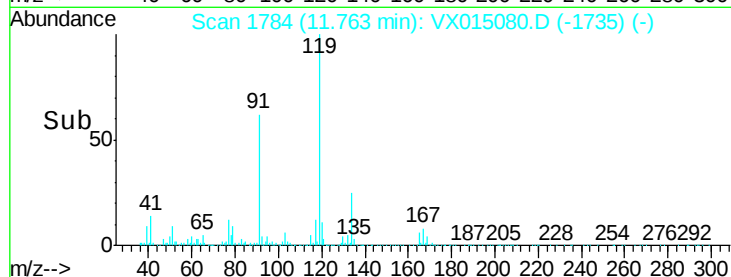
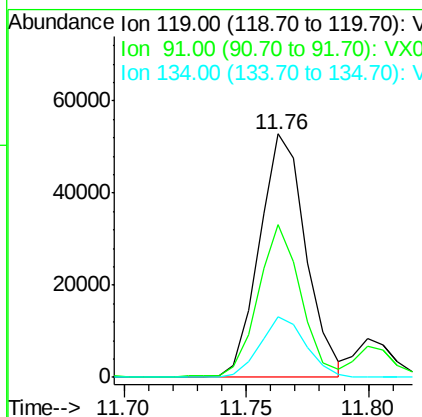
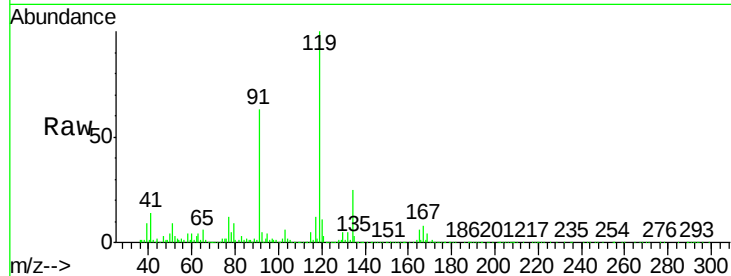




#83
 tert-Butylbenzene
 Concen: 4.95 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. -0.00 min
 Lab File: VX015080.D
 Acq: 04 Mar 2020 09:02

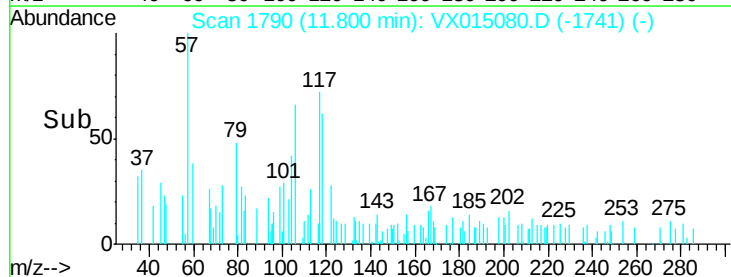
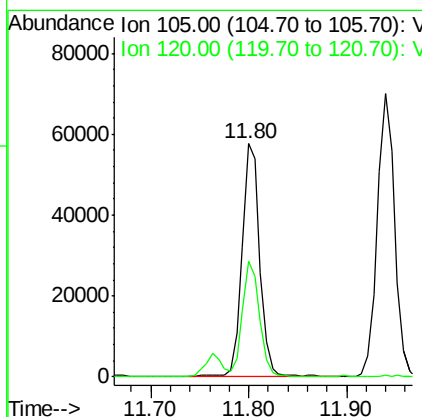
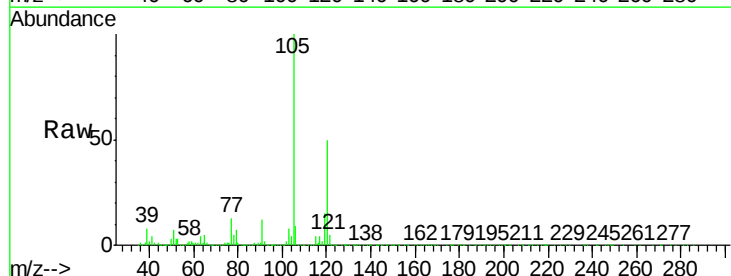
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

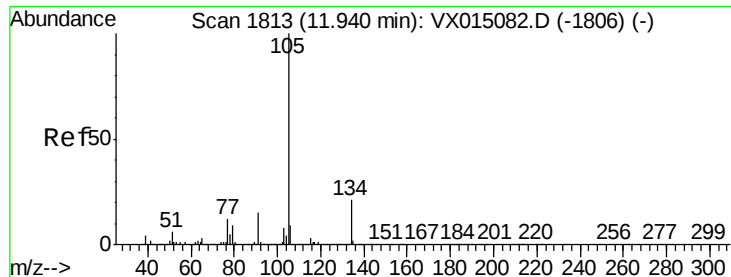
Tgt Ion:119 Resp: 69896
 Ion Ratio Lower Upper
 119 100
 91 57.7 28.5 85.6
 134 25.1 11.9 35.7



#84
 1,2,4-Trimethylbenzene
 Concen: 4.93 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: VX015080.D
 Acq: 04 Mar 2020 09:02

Tgt Ion:105 Resp: 72412
 Ion Ratio Lower Upper
 105 100
 120 46.9 22.9 68.5

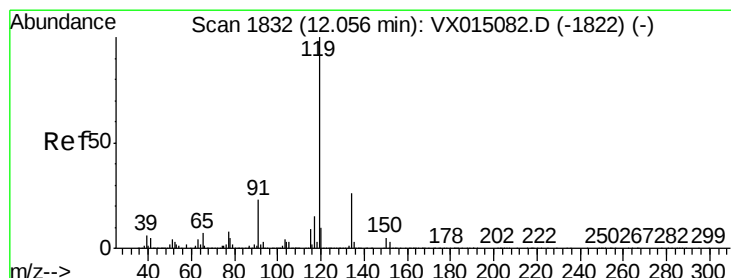
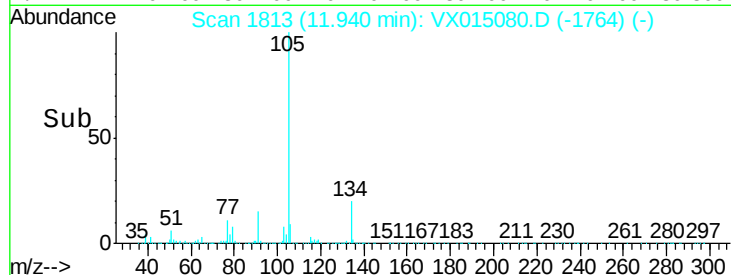
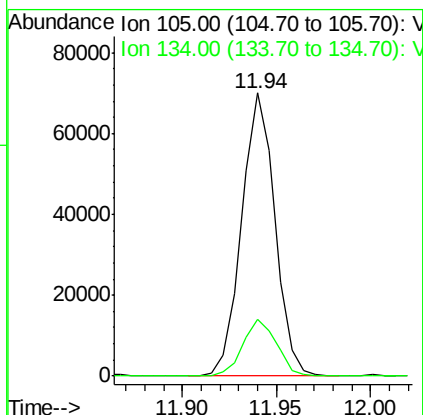
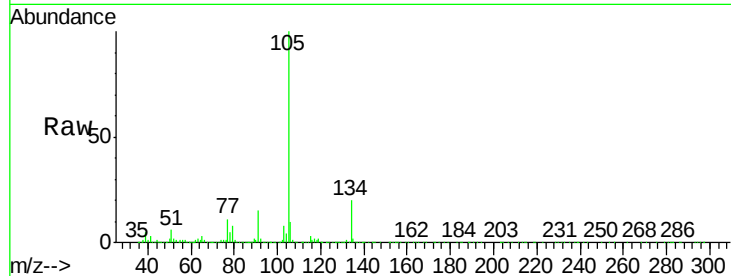




#85
 sec-Butylbenzene
 Concen: 4.99 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: VX015080.D
 Acq: 04 Mar 2020 09:02

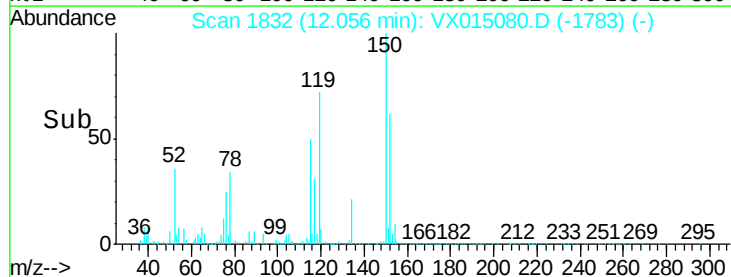
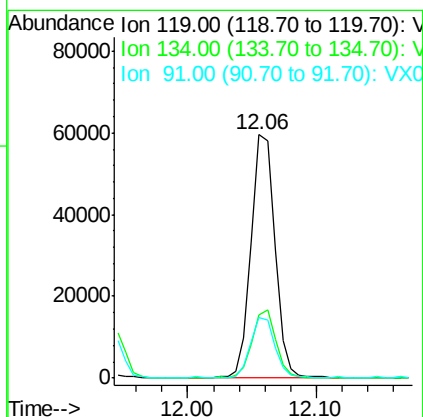
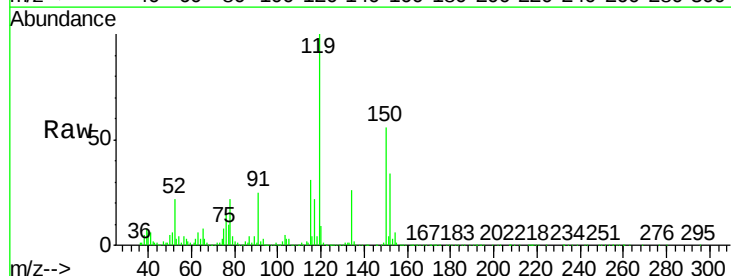
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

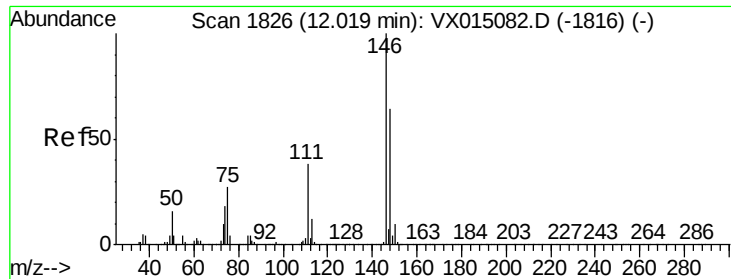
Tgt Ion:105 Resp: 85097
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.4 31.2



#86
 p-Isopropyltoluene
 Concen: 4.82 ug/l
 RT: 12.06 min Scan# 1832
 Delta R.T. -0.00 min
 Lab File: VX015080.D
 Acq: 04 Mar 2020 09:02

Tgt Ion:119 Resp: 75692
 Ion Ratio Lower Upper
 119 100
 134 28.0 13.4 40.1
 91 25.1 11.3 33.8





#87

1,3-Dichlorobenzene

Concen: 5.09 ug/l

RT: 12.02 min Scan# 1826

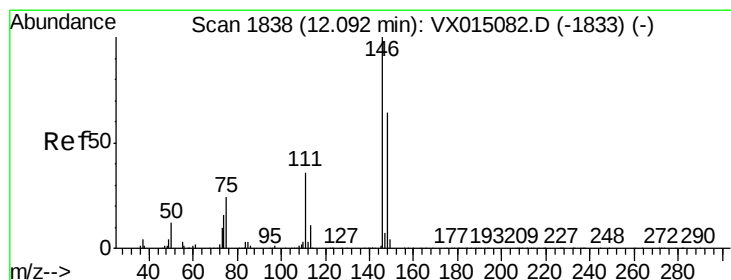
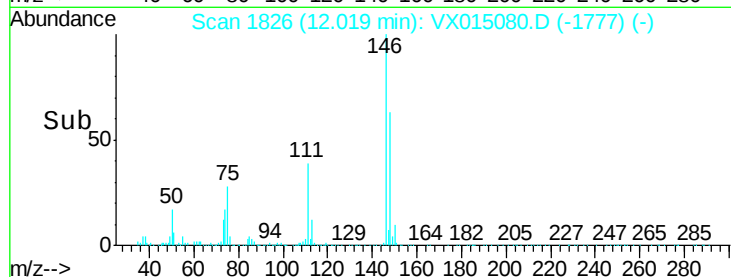
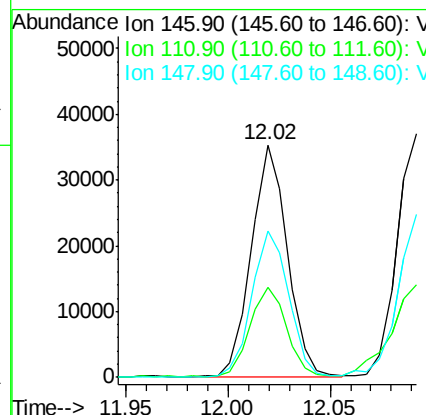
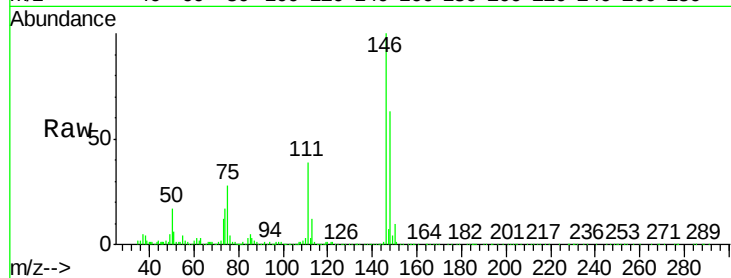
Delta R.T. -0.00 min

Lab File: VX015080.D

Acq: 04 Mar 2020 09:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.8	19.1	57.1
148	64.4	31.9	95.5



#88

1,4-Dichlorobenzene

Concen: 5.25 ug/l

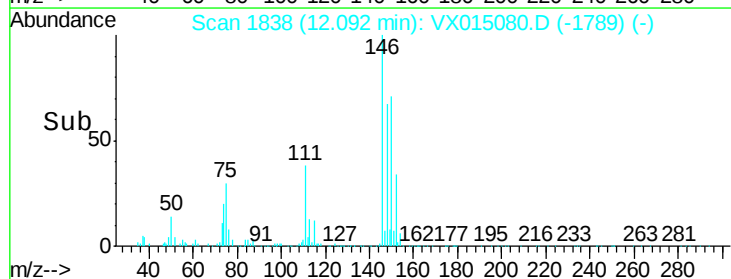
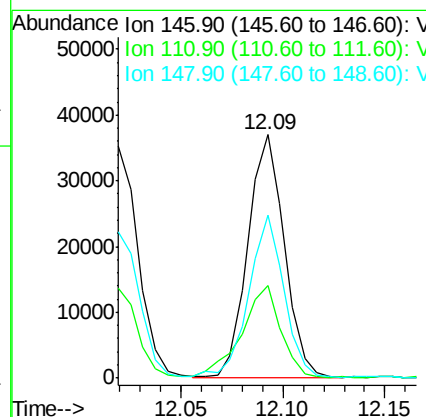
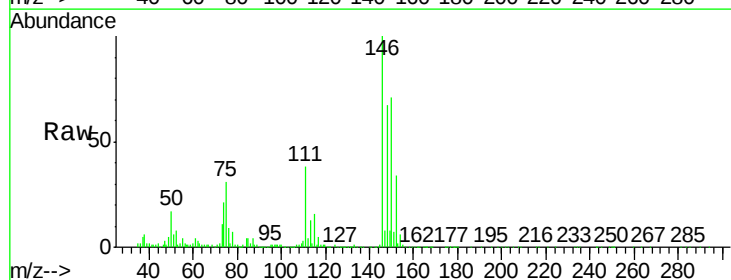
RT: 12.09 min Scan# 1838

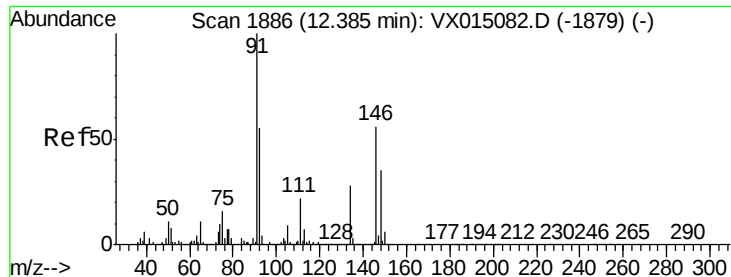
Delta R.T. -0.00 min

Lab File: VX015080.D

Acq: 04 Mar 2020 09:02

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.4	18.7	56.1
148	65.1	32.5	97.4





#89

n-Butylbenzene

Concen: 4.58 ug/l

RT: 12.38 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX015080.D

Acq: 04 Mar 2020 09:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

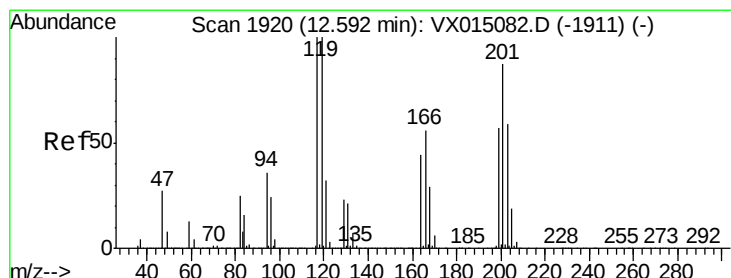
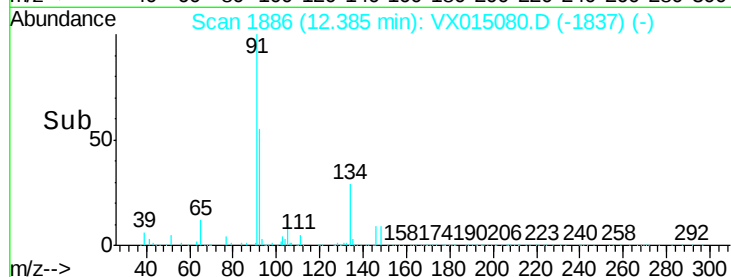
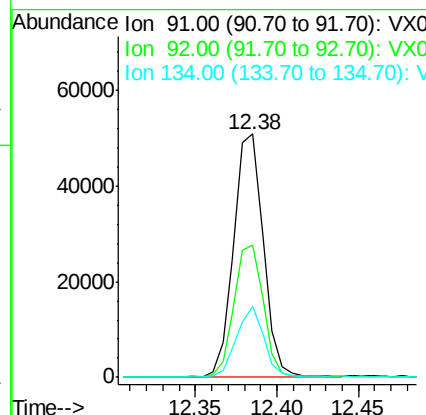
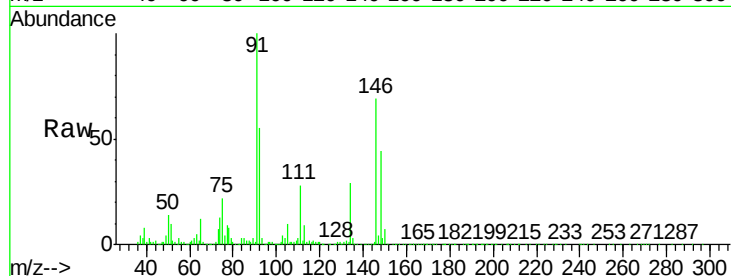
Tgt Ion: 91 Resp: 63952

Ion Ratio Lower Upper

91 100

92 54.0 27.2 81.6

134 27.2 13.5 40.5



#90

Hexachloroethane

Concen: 4.50 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. -0.00 min

Lab File: VX015080.D

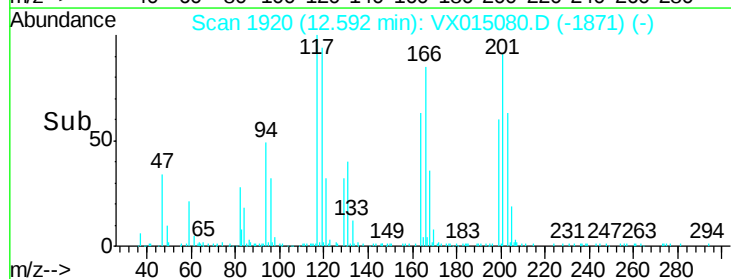
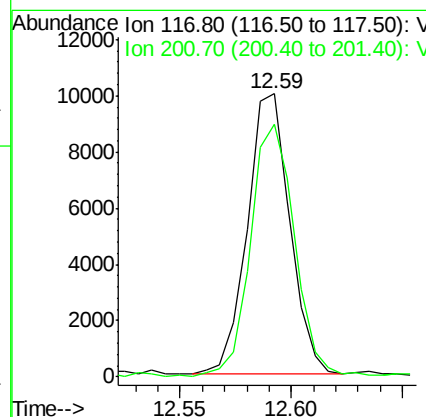
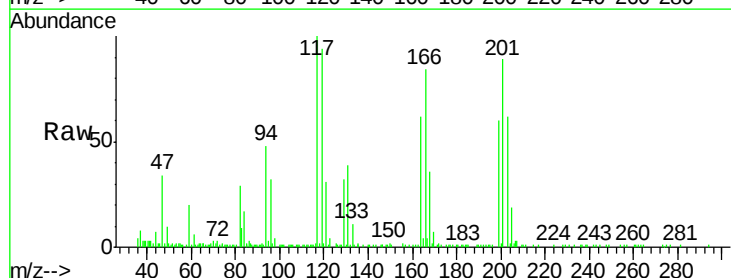
Acq: 04 Mar 2020 09:02

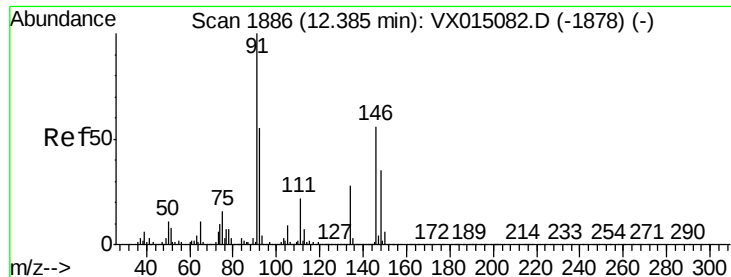
Tgt Ion: 117 Resp: 13369

Ion Ratio Lower Upper

117 100

201 93.2 43.5 130.7

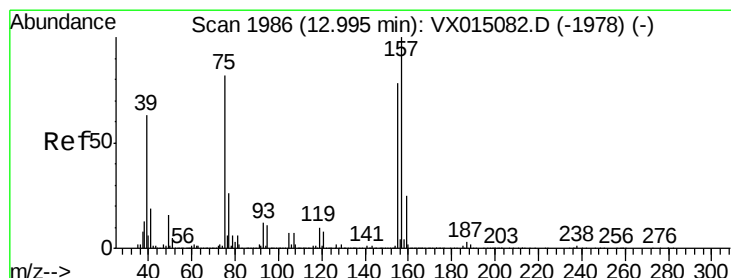
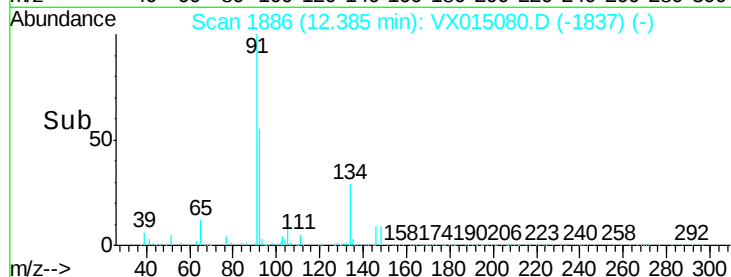
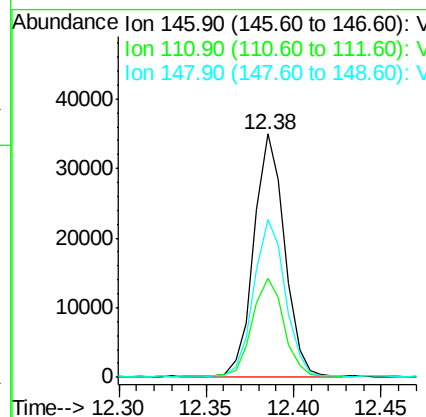
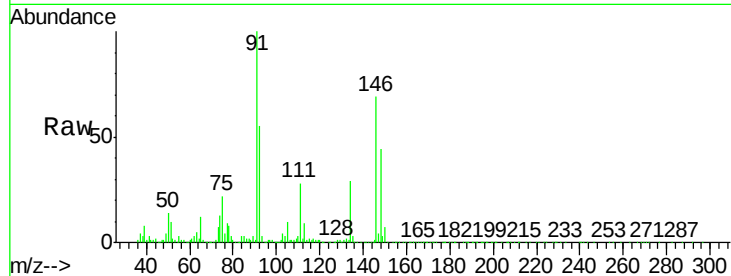




#91
 1,2-Dichlorobenzene
 Concen: 4.98 ug/l
 RT: 12.38 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX015080.D
 Acq: 04 Mar 2020 09:02

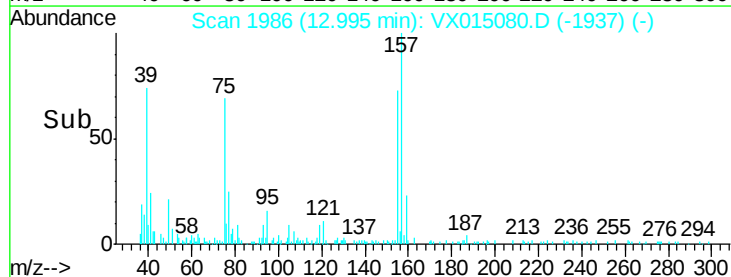
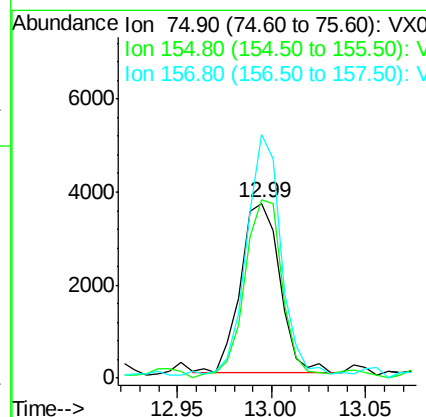
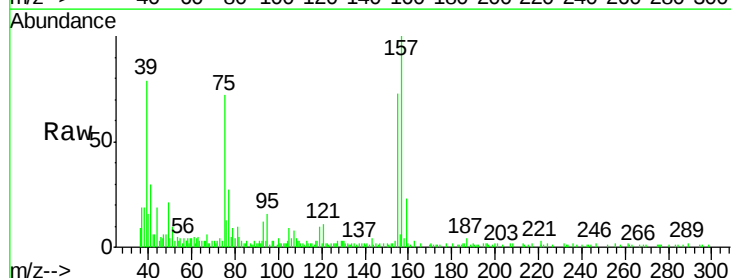
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

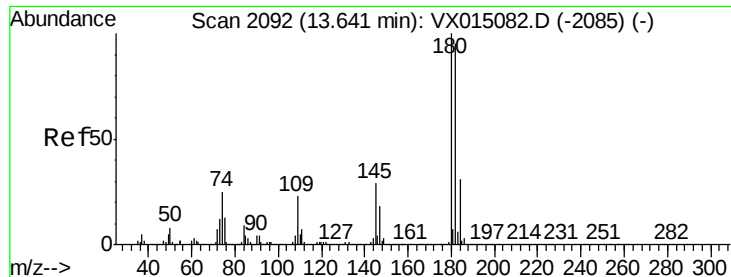
Tgt Ion: 146 Resp: 42570
 Ion Ratio Lower Upper
 146 100
 111 42.2 19.9 59.7
 148 67.8 32.3 96.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 4.49 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX015080.D
 Acq: 04 Mar 2020 09:02

Tgt Ion: 75 Resp: 5260
 Ion Ratio Lower Upper
 75 100
 155 102.4 46.6 139.7
 157 125.2 59.2 177.5

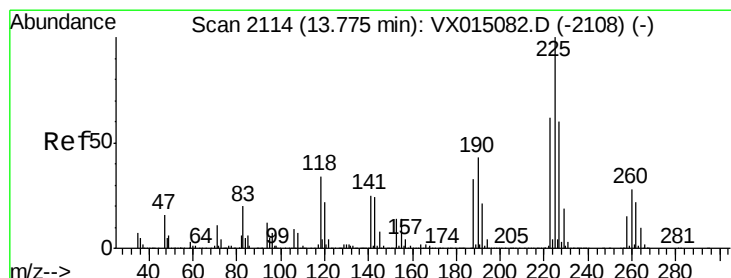
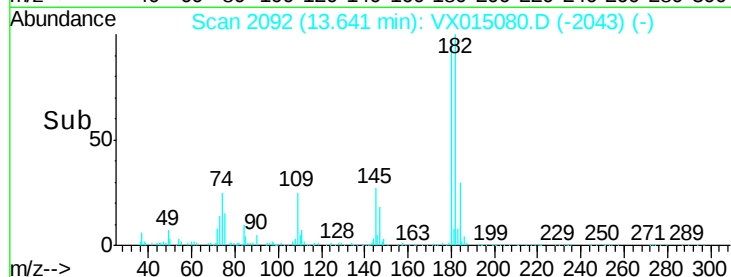
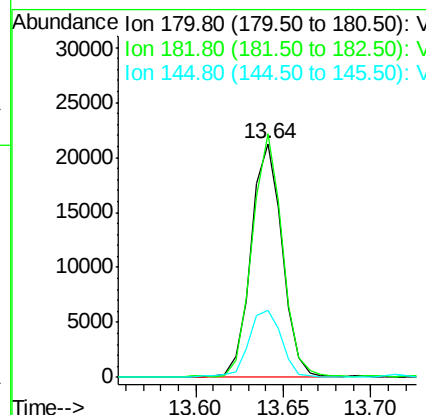
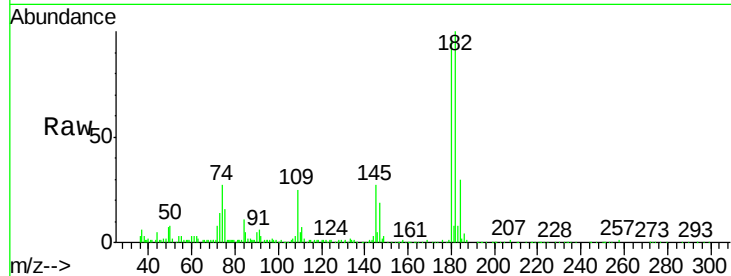




#93
1,2,4-Trichlorobenzene
Concen: 4.47 ug/l
RT: 13.64 min Scan# 2092
Delta R.T. -0.00 min
Lab File: VX015080.D
Acq: 04 Mar 2020 09:02

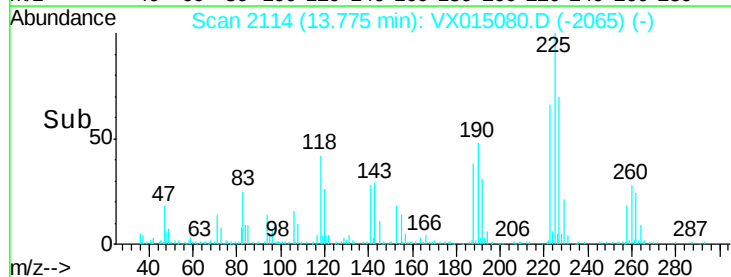
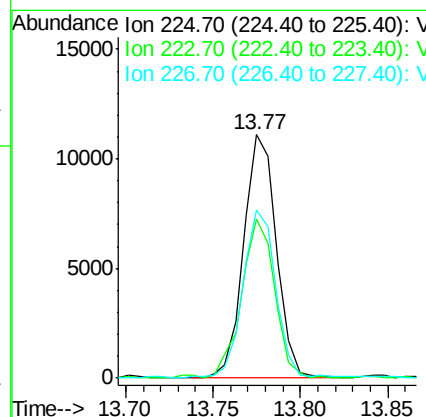
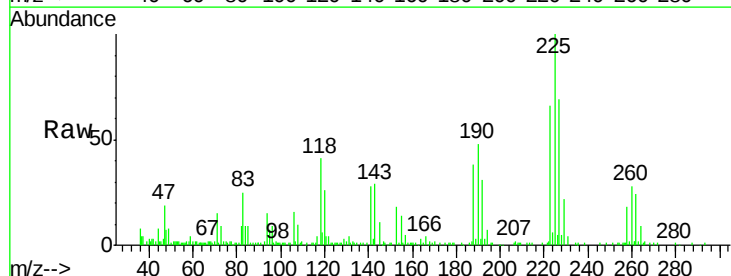
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

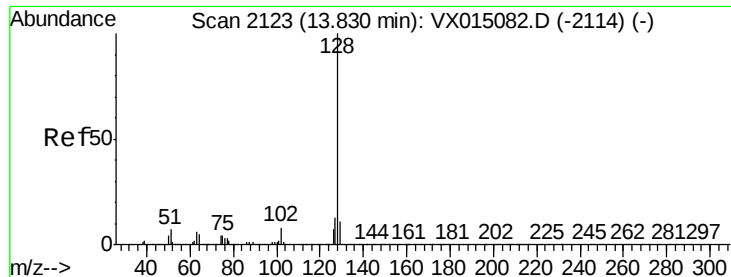
Tgt Ion:180 Resp: 26526
Ion Ratio Lower Upper
180 100
182 101.6 47.6 142.8
145 30.8 14.1 42.2



#94
Hexachlorobutadiene
Concen: 4.75 ug/l
RT: 13.77 min Scan# 2114
Delta R.T. -0.00 min
Lab File: VX015080.D
Acq: 04 Mar 2020 09:02

Tgt Ion:225 Resp: 14449
Ion Ratio Lower Upper
225 100
223 65.6 31.3 93.9
227 70.0 31.1 93.2

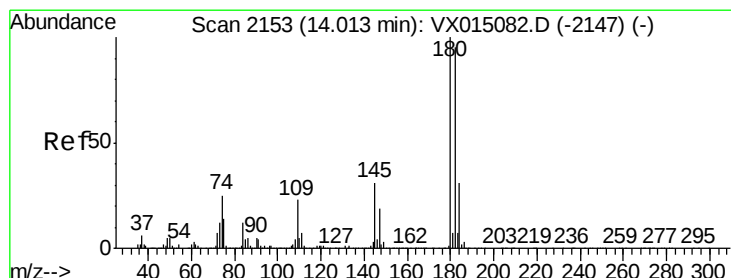
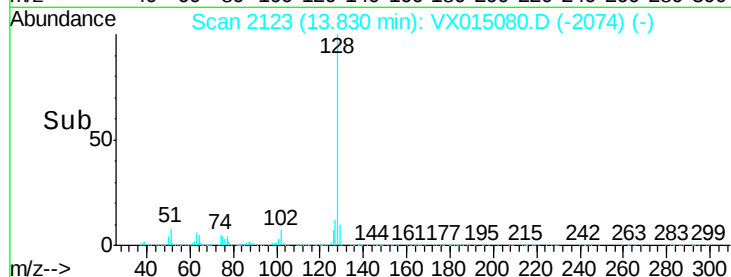
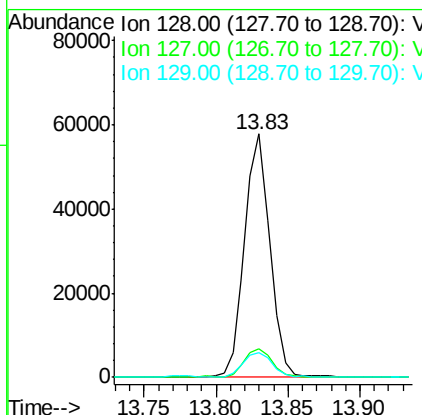
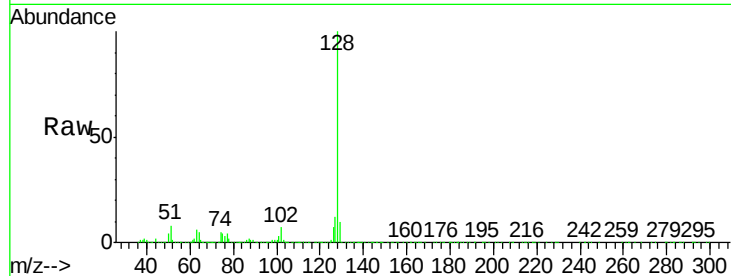




#95
Naphthalene
Concen: 4.35 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX015080.D
Acq: 04 Mar 2020 09:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.8	10.3	15.5
129	12.3	8.6	13.0



#96
1,2,3-Trichlorobenzene
Concen: 4.78 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX015080.D
Acq: 04 Mar 2020 09:02

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.9	47.8	143.4
145	30.0	15.1	45.3

