

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX031820\
 Data File : VX015322.D
 Acq On : 18 Mar 2020 13:02
 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 18 14:24:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 18 14:21:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	535008	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	965447	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	821299	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	381412	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	35124	5.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.94%	
35) Dibromofluoromethane	5.48	113	33527	5.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.96%	
50) Toluene-d8	8.71	98	110334	4.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.52%	
62) 4-Bromofluorobenzene	11.13	95	44442	5.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.56%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	32210	6.64	ug/l	97
3) Chloromethane	1.32	50	34900	5.28	ug/l	97
4) Vinyl Chloride	1.40	62	35903	5.34	ug/l	91
5) Bromomethane	1.64	94	13346	3.53	ug/l	86
6) Chloroethane	1.72	64	21117	5.24	ug/l	93
7) Trichlorofluoromethane	1.92	101	46027	5.69	ug/l	98
8) Diethyl Ether	2.17	74	18852	5.23	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	37234	7.25	ug/l	97
10) Methyl Iodide	2.50	142	27791	4.88	ug/l	98
11) Tert butyl alcohol	3.04	59	33268	29.15	ug/l #	87
12) 1,1-Dichloroethene	2.37	96	36784	6.92	ug/l	89
13) Acrolein	2.28	56	39808	37.50	ug/l	99
14) Allyl chloride	2.72	41	54123	5.91	ug/l	99
15) Acrylonitrile	3.13	53	85608	30.07	ug/l	99
16) Acetone	2.44	43	75881	29.76	ug/l	97
17) Carbon Disulfide	2.56	76	93759	6.33	ug/l	98
18) Methyl Acetate	2.76	43	36780	5.75	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	101850	6.06	ug/l	98
20) Methylene Chloride	2.84	84	43047	6.84	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	40687	6.95	ug/l	96
22) Diisopropyl ether	3.84	45	111218	6.03	ug/l	96
23) Vinyl Acetate	3.80	43	416358	27.63	ug/l	100
24) 1,1-Dichloroethane	3.69	63	65242	6.31	ug/l	99
25) 2-Butanone	4.66	43	104571	27.45	ug/l	97
26) 2,2-Dichloropropane	4.56	77	50751	6.24	ug/l	94
27) cis-1,2-Dichloroethene	4.58	96	43654	6.72	ug/l	97
28) Bromochloromethane	5.00	49	27969	6.05	ug/l	93
29) Tetrahydrofuran	5.11	42	63955	25.79	ug/l	97
30) Chloroform	5.20	83	67149	6.63	ug/l	89
31) Cyclohexane	5.56	56	54244	5.87	ug/l	96
32) 1,1,1-Trichloroethane	5.48	97	54502	6.46	ug/l	97
36) 1,1-Dichloropropene	5.79	75	47671	5.32	ug/l	94
37) Ethyl Acetate	4.82	43	41478	5.07	ug/l #	94
38) Carbon Tetrachloride	5.77	117	44696	5.27	ug/l	96

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

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Quant Time: Mar 18 14:24:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 18 14:21:46 2020
 Response via : Initial Calibration

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

39) Methylcyclohexane	7.45	83	53540	5.09	ug/l	97
40) Benzene	6.13	78	149571	5.60	ug/l	98
41) Methacrylonitrile	5.03	41	22274	4.55	ug/l #	90
42) 1,2-Dichloroethane	6.18	62	44431	4.95	ug/l	99
43) Isopropyl Acetate	6.43	43	61031	4.28	ug/l	96
44) Trichloroethene	7.20	130	35968	4.88	ug/l	97
45) 1,2-Dichloropropane	7.50	63	32094	4.69	ug/l	95
46) Dibromomethane	7.65	93	24491	5.45	ug/l	96
47) Bromodichloromethane	7.89	83	42727	4.83	ug/l	98
48) Methyl methacrylate	7.76	41	27732	3.81	ug/l	95
49) 1,4-Dioxane	7.75	88	14688	90.29	ug/l #	93
51) 4-Methyl-2-Pentanone	8.63	43	172580	20.36	ug/l	100
52) Toluene	8.78	92	84445	5.17	ug/l	97
53) t-1,3-Dichloropropene	9.03	75	43311	4.63	ug/l	95
54) cis-1,3-Dichloropropene	8.43	75	50506	4.74	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	35991	5.34	ug/l	97
56) Ethyl methacrylate	9.17	69	41908	4.41	ug/l	98
57) 1,3-Dichloropropane	9.36	76	61189	5.42	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	132993	25.75	ug/l	99
59) 2-Hexanone	9.48	43	127594	20.35	ug/l	95
60) Dibromochloromethane	9.57	129	33594	4.78	ug/l	100
61) 1,2-Dibromoethane	9.67	107	36135	5.08	ug/l	93
64) Tetrachloroethene	9.32	164	32340	4.86	ug/l	95
65) Chlorobenzene	10.13	112	92842	5.57	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	34819	5.60	ug/l	99
67) Ethyl Benzene	10.25	91	167568	5.93	ug/l	96
68) m/p-Xylenes	10.35	106	121491	11.28	ug/l	99
69) o-Xylene	10.70	106	54490	5.28	ug/l	98
70) Styrene	10.71	104	89887	5.08	ug/l	99
71) Bromoform	10.85	173	19527	4.12	ug/l #	98
73) Isopropylbenzene	11.01	105	155728	6.25	ug/l	98
74) N-amyl acetate	10.89	43	46077	4.53	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.26	83	47153	5.71	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	52247	6.97	ug/l	81
77) Bromobenzene	11.25	156	34562	5.06	ug/l	98
78) n-propylbenzene	11.35	91	177967	6.30	ug/l	100
79) 2-Chlorotoluene	11.42	91	108714	6.43	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	127635	6.19	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	12763	4.67	ug/l	87
82) 4-Chlorotoluene	11.51	91	123649	6.19	ug/l	100
83) tert-Butylbenzene	11.76	119	121926	6.11	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	129502	6.20	ug/l	100
85) sec-Butylbenzene	11.94	105	156619	6.44	ug/l	100
86) p-Isopropyltoluene	12.06	119	132364	5.94	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	67356	5.56	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	72827	5.83	ug/l	95
89) n-Butylbenzene	12.38	91	124546	6.27	ug/l	97
90) Hexachloroethane	12.59	117	24995	5.94	ug/l	96
91) 1,2-Dichlorobenzene	12.38	146	68517	5.65	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	12.99	75	8919	5.45	ug/l	88

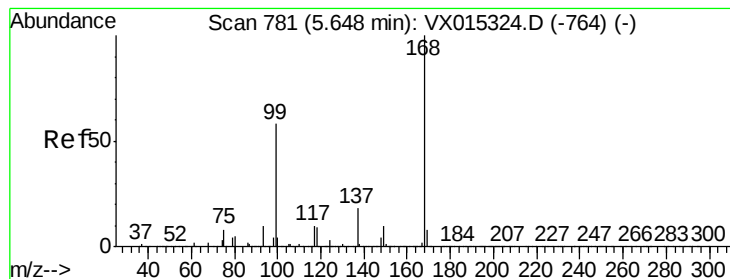
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX031820\
Data File : VX015322.D
Acq On : 18 Mar 2020 13:02
Operator : JC/SP
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Quant Time: Mar 18 14:24:55 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031820W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 18 14:21:46 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	39247	4.82	ug/l	98
94) Hexachlorobutadiene	13.77	225	17991	4.44	ug/l	95
95) Naphthalene	13.83	128	121455	5.25	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	40901	5.05	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.00 min

Lab File: VX015322.D

Acq: 18 Mar 2020 13:02

Instrument :

MSVOA_X

ClientSampleId :

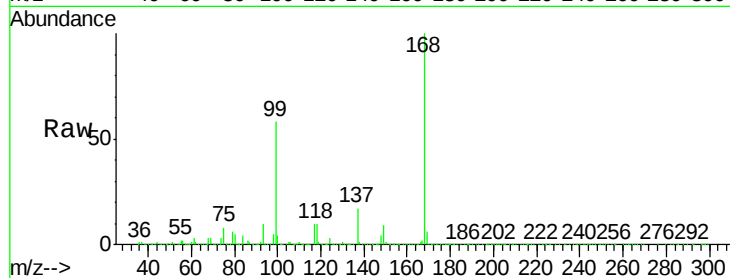
VSTDIC005

Tgt Ion:168 Resp: 535008

Ion Ratio Lower Upper

168 100

99 58.1 47.0 70.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

200000

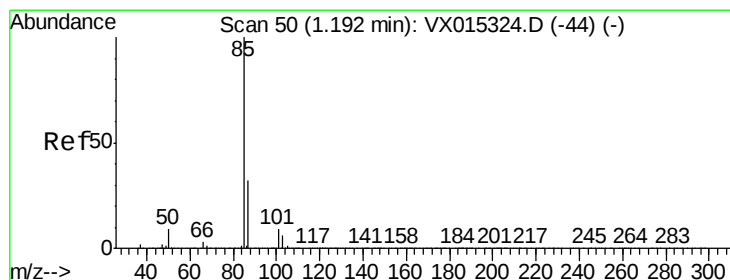
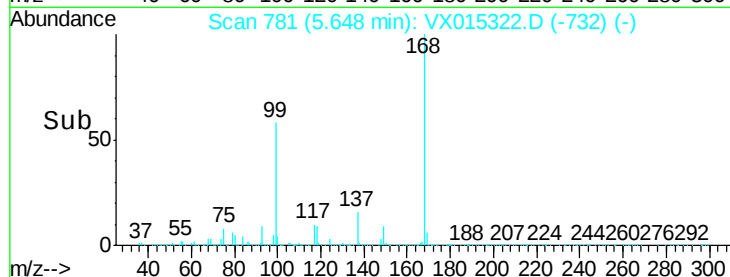
150000

100000

50000

0

Time--> 5.40 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 6.64 ug/l

RT: 1.19 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX015322.D

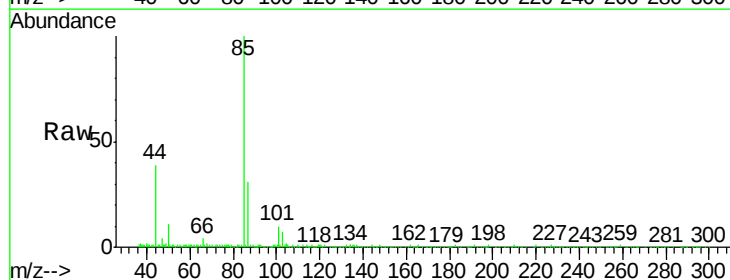
Acq: 18 Mar 2020 13:02

Tgt Ion: 85 Resp: 32210

Ion Ratio Lower Upper

85 100

87 30.6 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

40000

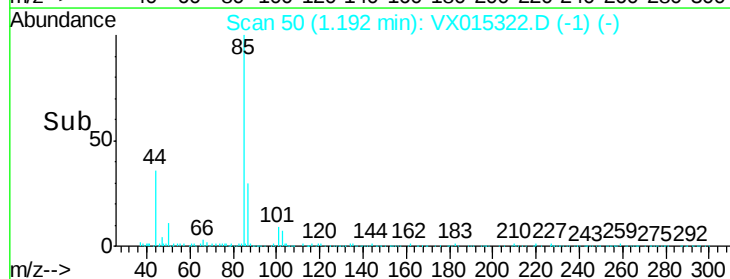
30000

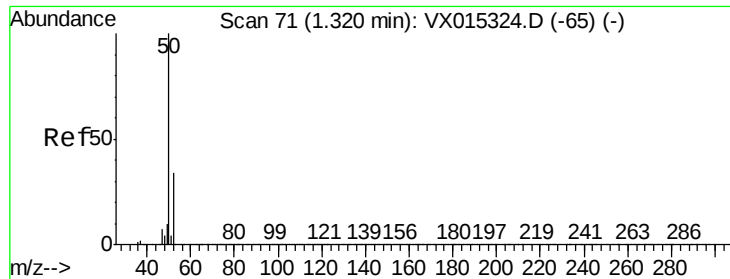
20000

10000

0

Time--> 1.15 1.20 1.25

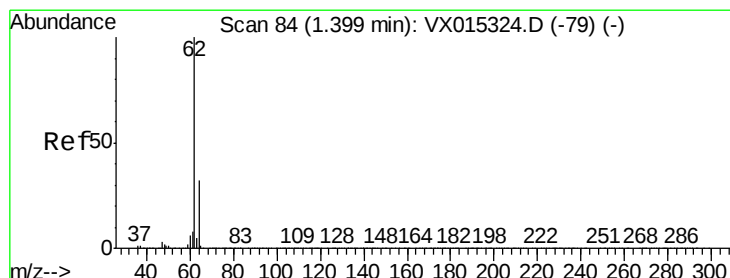
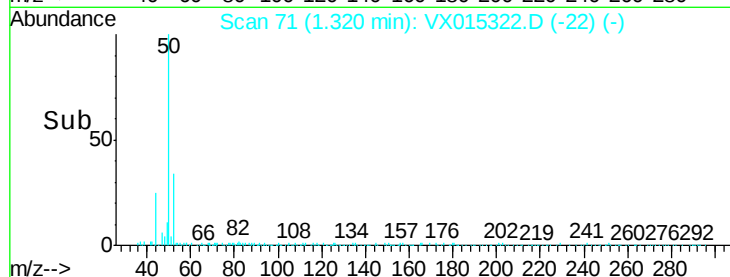
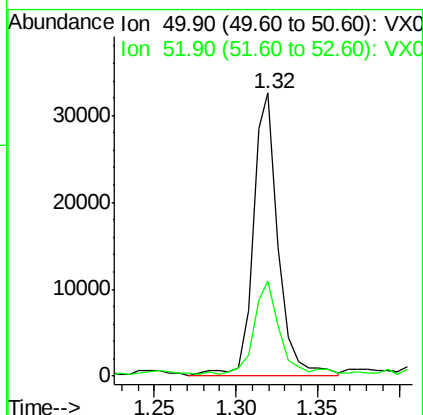
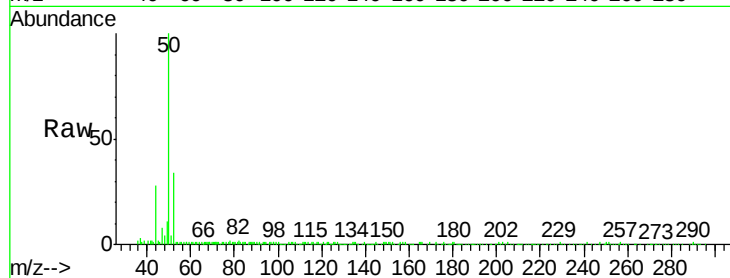




#3
Chloromethane
Concen: 5.28 ug/l
RT: 1.32 min Scan# 71
Delta R.T. -0.00 min
Lab File: VX015322.D
Acq: 18 Mar 2020 13:02

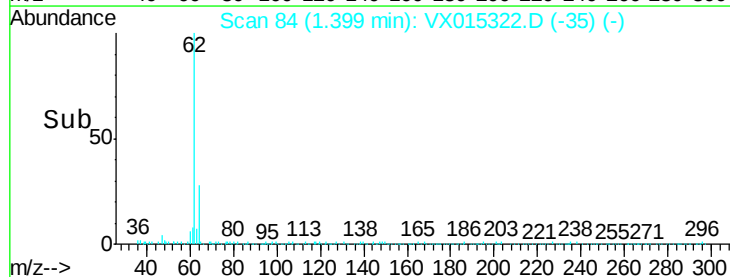
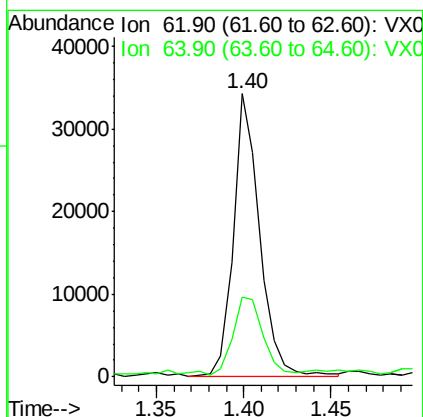
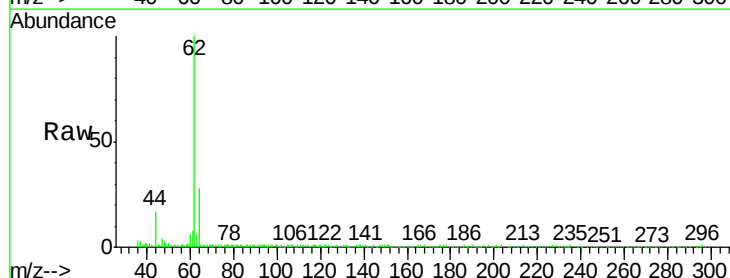
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

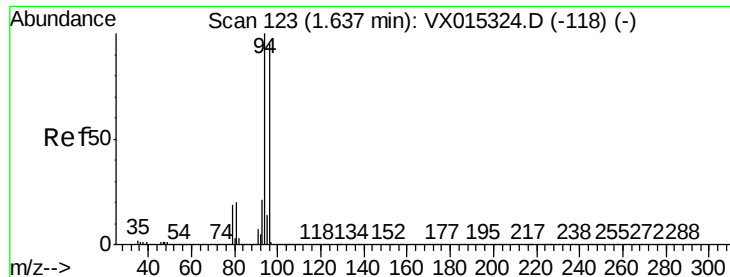
Tgt Ion: 50 Resp: 34900
Ion Ratio Lower Upper
50 100
52 32.7 27.4 41.0



#4
Vinyl Chloride
Concen: 5.34 ug/l
RT: 1.40 min Scan# 84
Delta R.T. -0.00 min
Lab File: VX015322.D
Acq: 18 Mar 2020 13:02

Tgt Ion: 62 Resp: 35903
Ion Ratio Lower Upper
62 100
64 26.5 25.4 38.0





#5

Bromomethane

Concen: 3.53 ug/l

RT: 1.64 min Scan# 124

Delta R.T. 0.01 min

Lab File: VX015322.D

Acq: 18 Mar 2020 13:02

Instrument :

MSVOA_X

ClientSampleId :

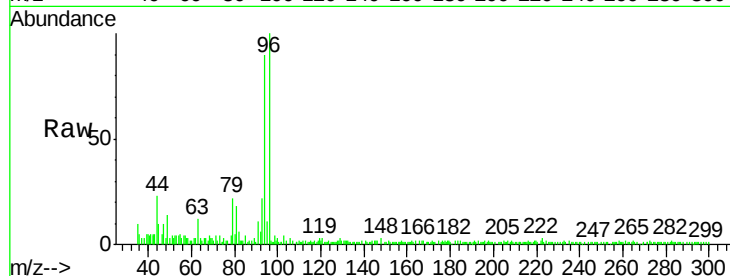
VSTDIC005

Tgt Ion: 94 Resp: 13346

Ion Ratio Lower Upper

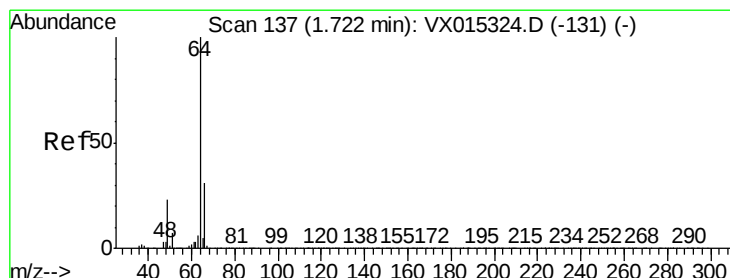
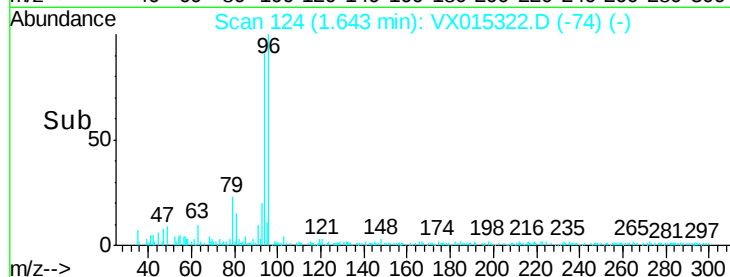
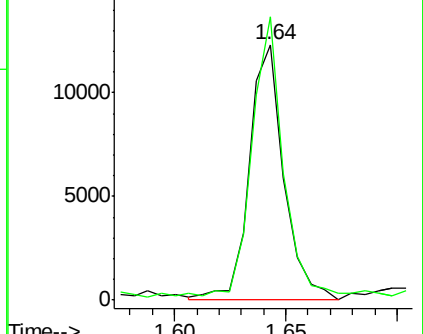
94 100

96 109.7 76.5 114.7



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 5.24 ug/l

RT: 1.72 min Scan# 137

Delta R.T. -0.00 min

Lab File: VX015322.D

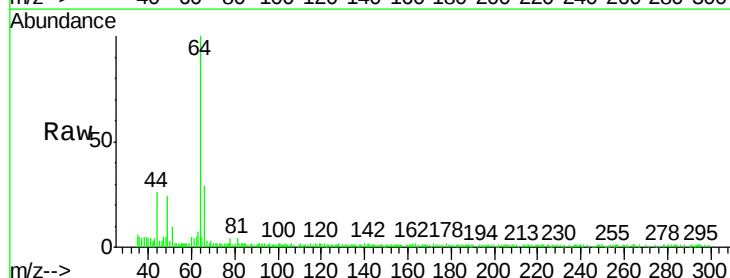
Acq: 18 Mar 2020 13:02

Tgt Ion: 64 Resp: 21117

Ion Ratio Lower Upper

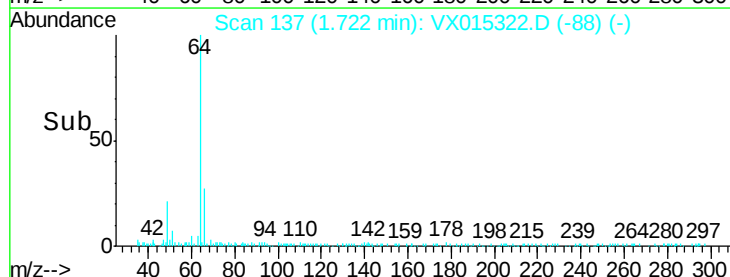
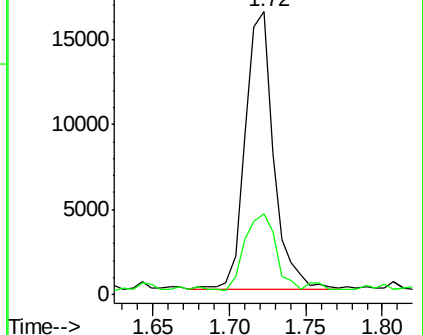
64 100

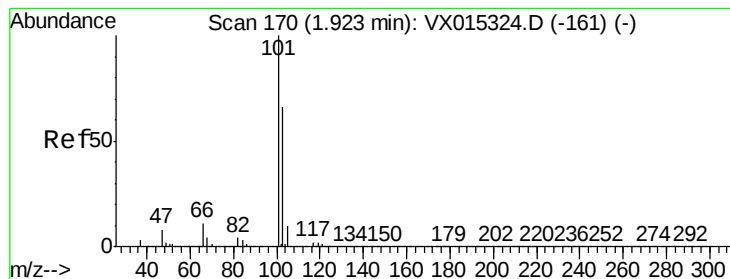
66 27.3 24.8 37.2



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

Trichlorofluoromethane

Concen: 5.69 ug/l

RT: 1.92 min Scan# 170

Delta R.T. -0.00 min

Lab File: VX015322.D

Acq: 18 Mar 2020 13:02

Instrument :

MSVOA_X

ClientSampleId :

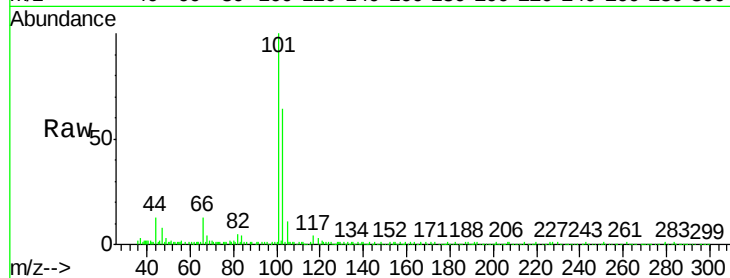
VSTDIC005

Tgt Ion:101 Resp: 46027

Ion Ratio Lower Upper

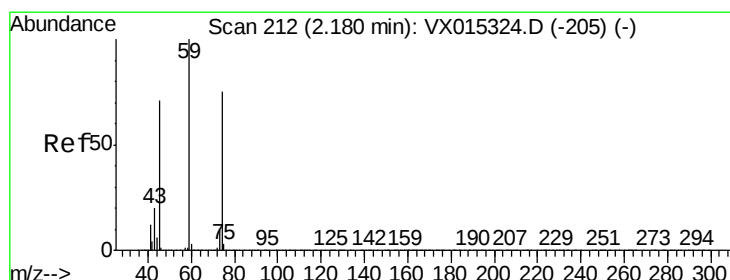
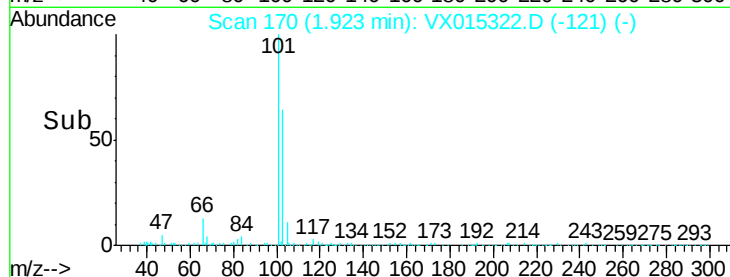
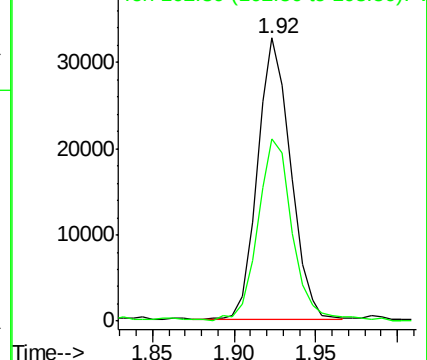
101 100

103 64.2 52.6 79.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 5.23 ug/l

RT: 2.17 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX015322.D

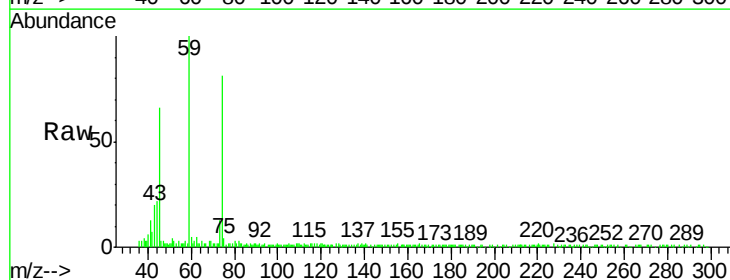
Acq: 18 Mar 2020 13:02

Tgt Ion: 74 Resp: 18852

Ion Ratio Lower Upper

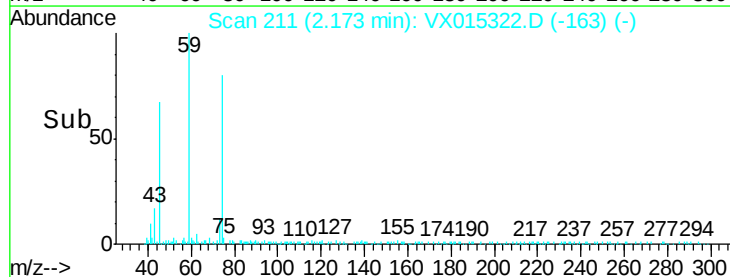
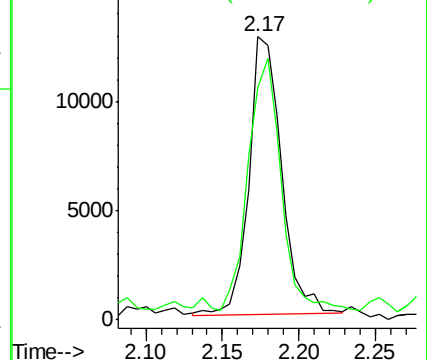
74 100

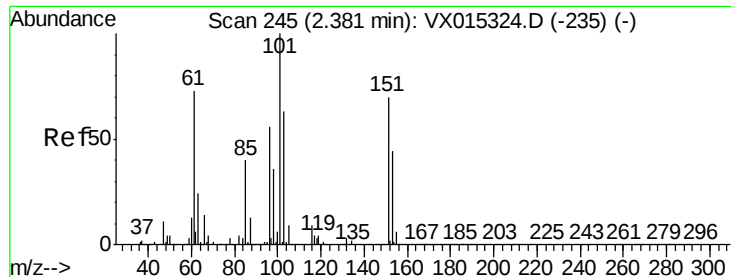
45 92.2 46.5 139.5



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: 7.25 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.01 min

Lab File: VX015322.D

Acq: 18 Mar 2020 13:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

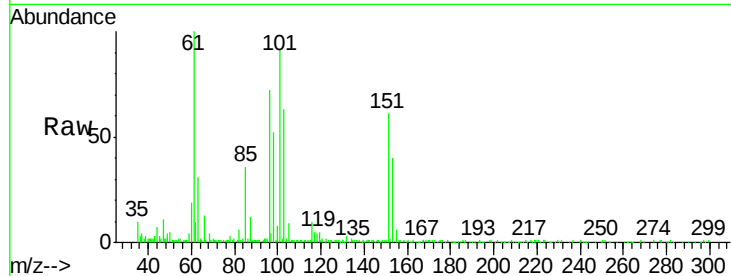
Tgt Ion:101 Resp: 37234

Ion Ratio Lower Upper

101 100

85 43.8 32.2 48.4

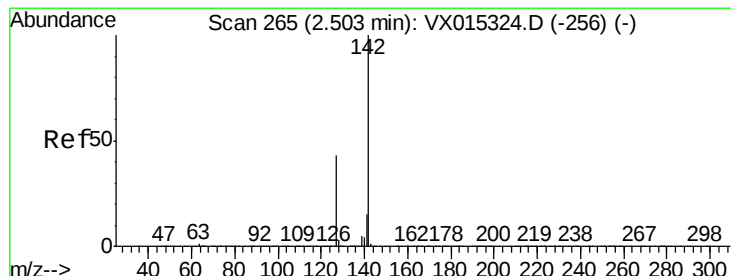
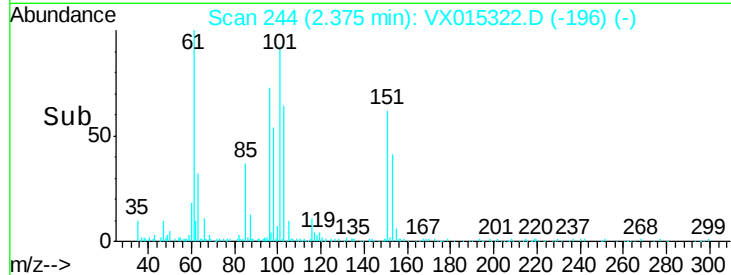
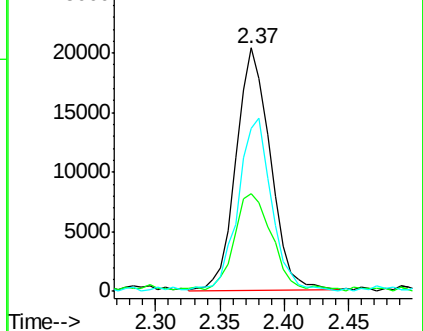
151 69.6 55.0 82.6



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: 4.88 ug/l

RT: 2.50 min Scan# 265

Delta R.T. -0.00 min

Lab File: VX015322.D

Acq: 18 Mar 2020 13:02

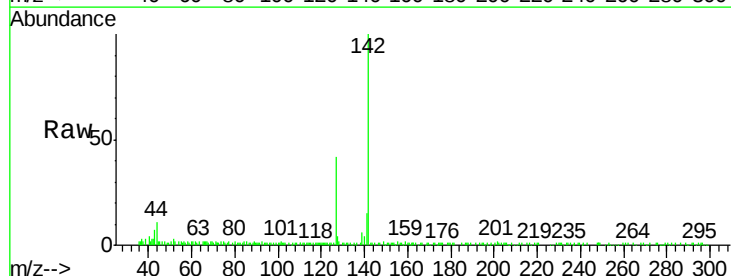
Tgt Ion:142 Resp: 27791

Ion Ratio Lower Upper

142 100

127 42.8 33.6 50.4

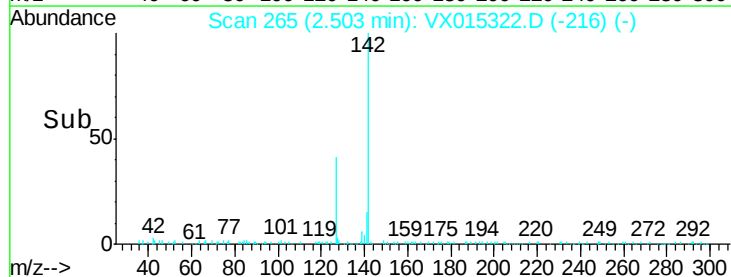
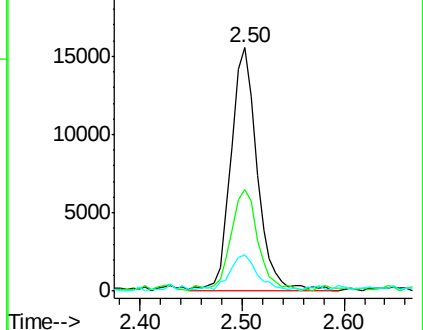
141 14.0 11.9 17.9

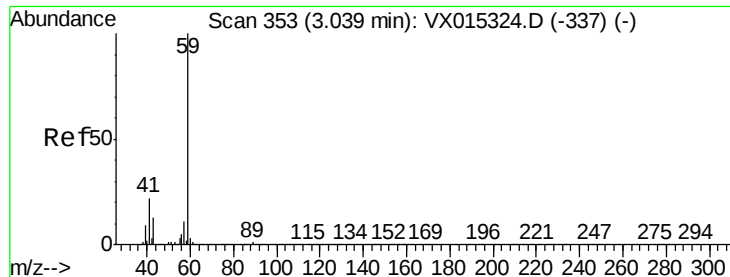


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 29.15 ug/l

RT: 3.04 min Scan# 353

Delta R.T. -0.00 min

Lab File: VX015322.D

Acq: 18 Mar 2020 13:02

Instrument :

MSVOA_X

ClientSampled :

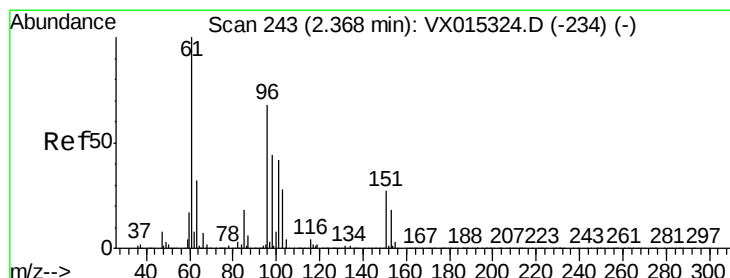
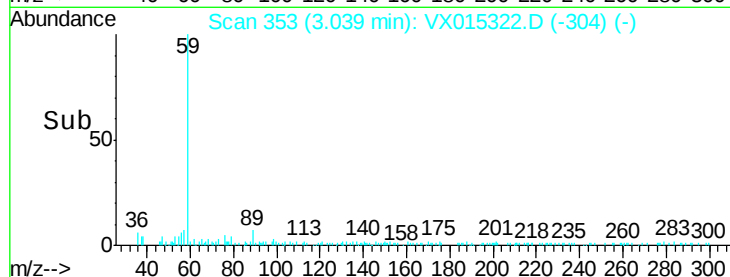
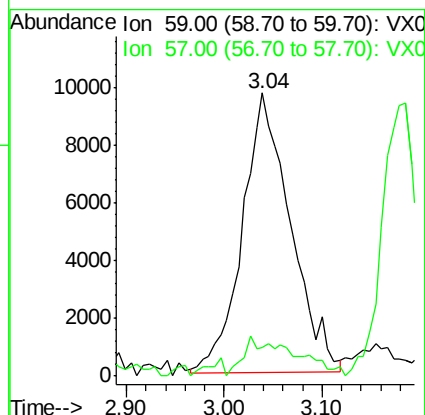
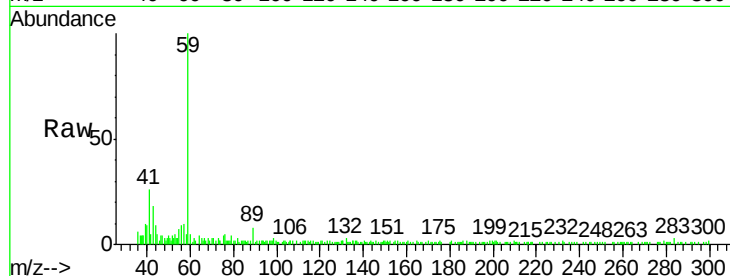
VSTDIC005

Tgt Ion: 59 Resp: 33268

Ion Ratio Lower Upper

59 100

57 5.2 8.0 12.0#



#12

1,1-Dichloroethene

Concen: 6.92 ug/l

RT: 2.37 min Scan# 243

Delta R.T. -0.00 min

Lab File: VX015322.D

Acq: 18 Mar 2020 13:02

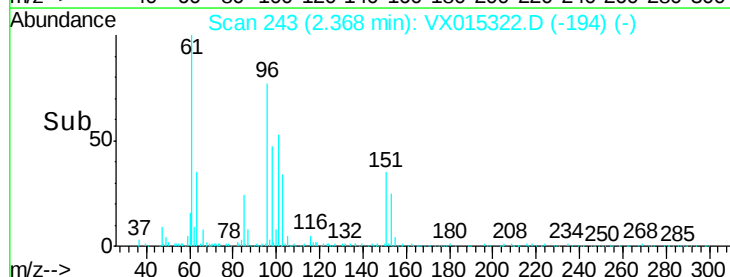
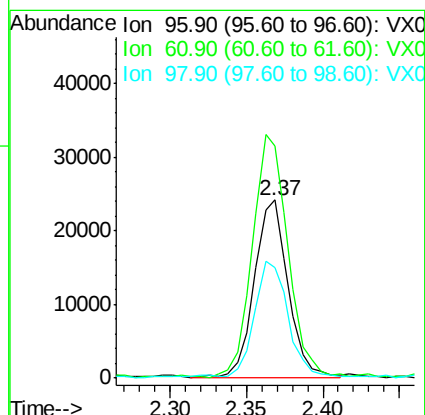
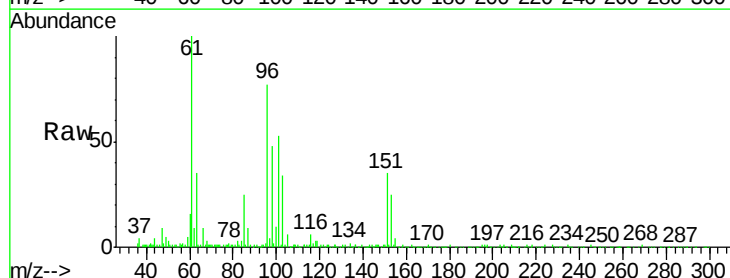
Tgt Ion: 96 Resp: 36784

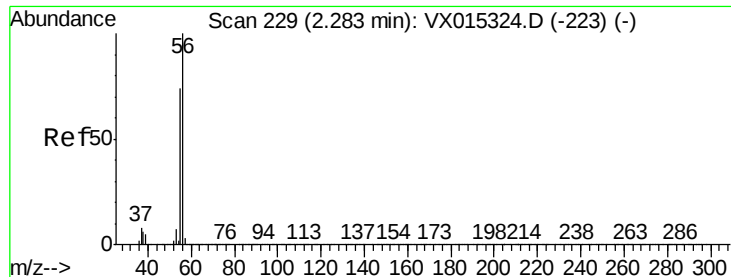
Ion Ratio Lower Upper

96 100

61 129.9 117.7 176.5

98 61.5 52.3 78.5





#13

Acrolein

Concen: 37.50 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX015322.D

Acq: 18 Mar 2020 13:02

Instrument :

MSVOA_X

ClientSampleId :

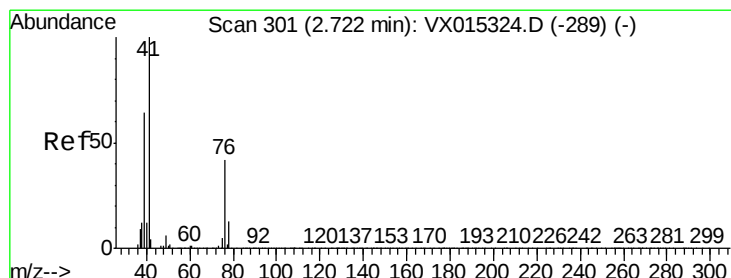
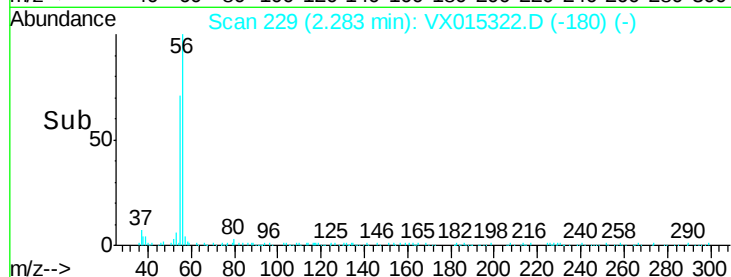
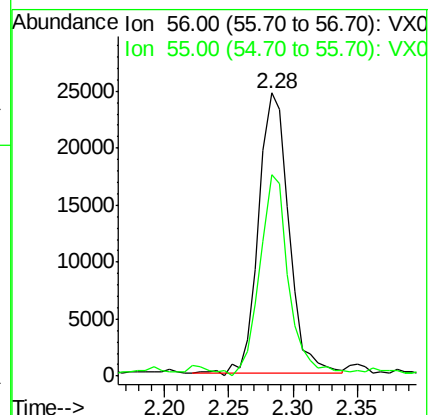
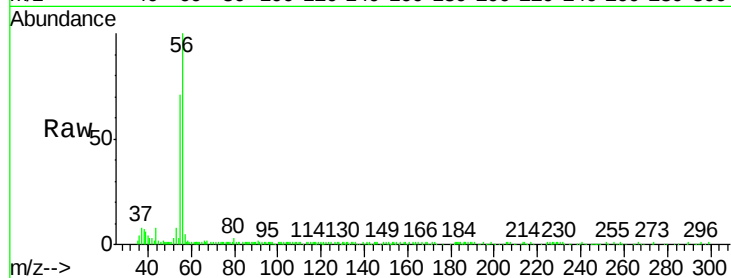
VSTDIC005

Tgt Ion: 56 Resp: 39808

Ion Ratio Lower Upper

56 100

55 69.7 56.6 84.8



#14

Allyl chloride

Concen: 5.91 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.01 min

Lab File: VX015322.D

Acq: 18 Mar 2020 13:02

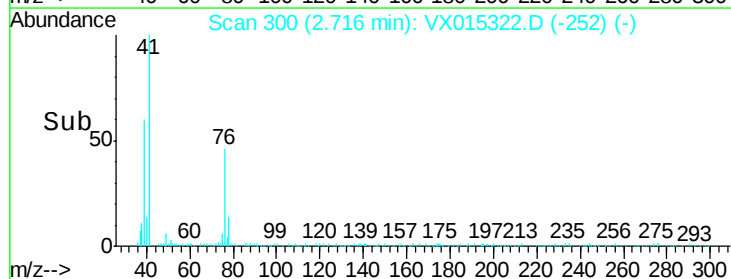
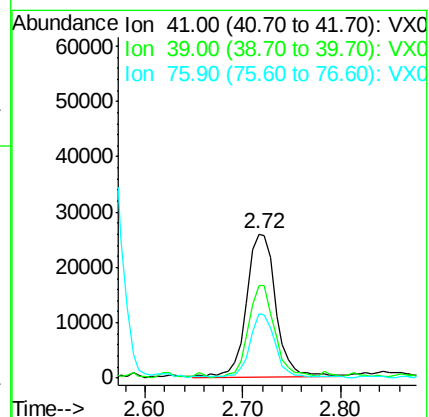
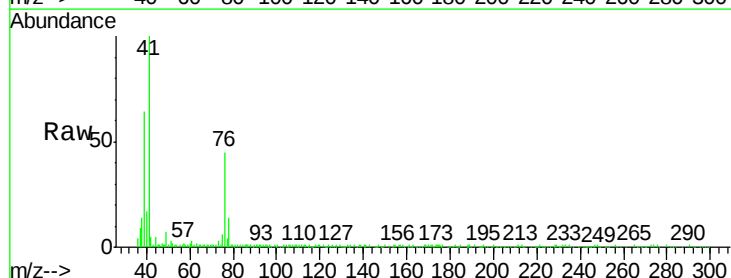
Tgt Ion: 41 Resp: 54123

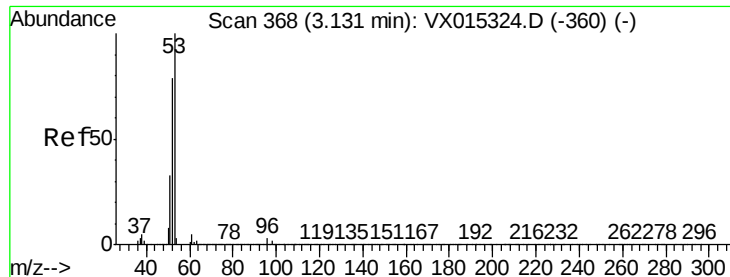
Ion Ratio Lower Upper

41 100

39 59.1 46.8 70.2

76 37.1 30.7 46.1

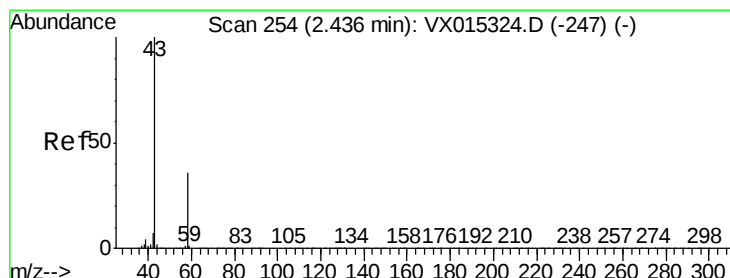
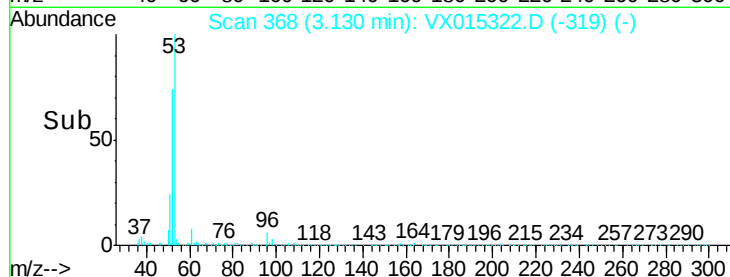
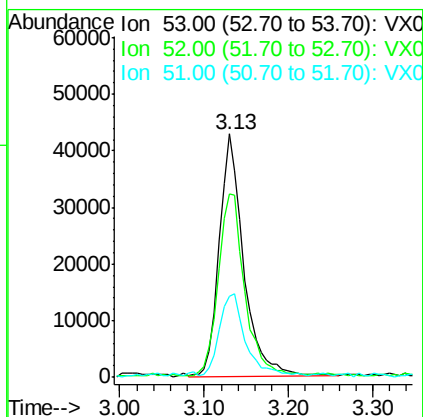
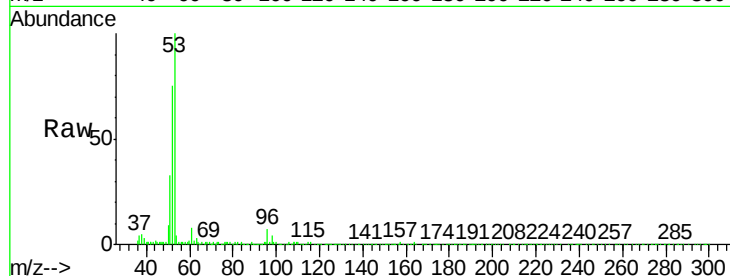




#15
Acrylonitrile
Concen: 30.07 ug/l
RT: 3.13 min Scan# 368
Delta R.T. -0.00 min
Lab File: VX015322.D
Acq: 18 Mar 2020 13:02

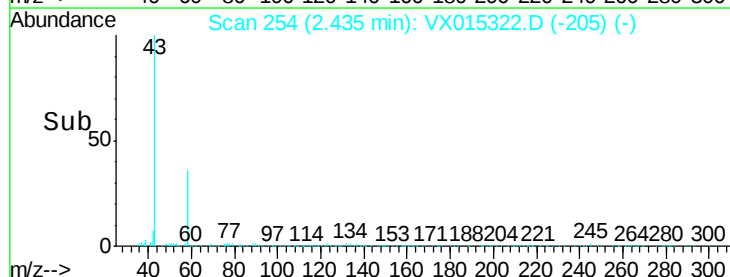
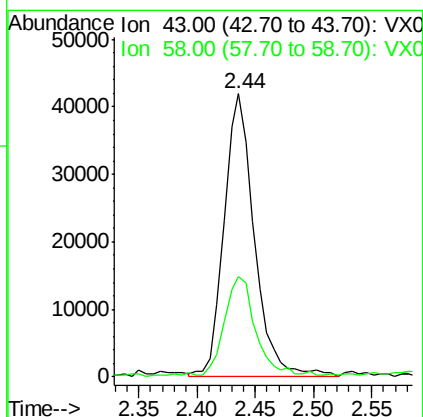
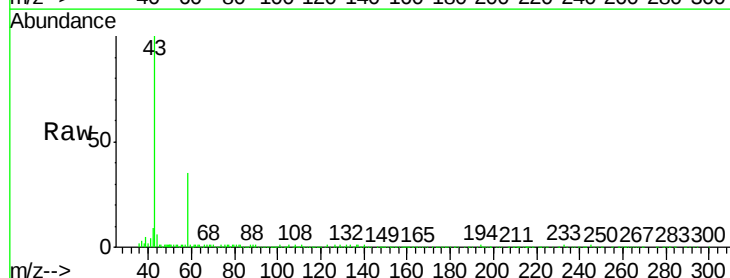
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

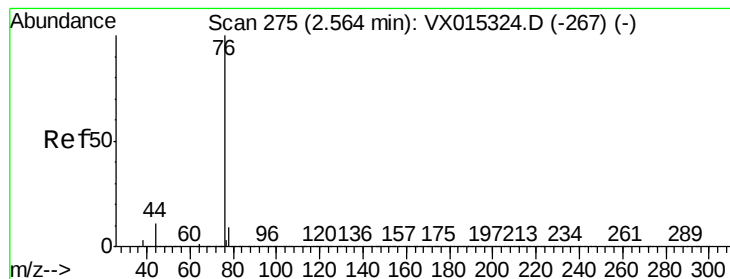
Tgt Ion: 53 Resp: 85608
Ion Ratio Lower Upper
53 100
52 81.5 64.6 97.0
51 36.1 27.5 41.3



#16
Acetone
Concen: 29.76 ug/l
RT: 2.44 min Scan# 254
Delta R.T. -0.00 min
Lab File: VX015322.D
Acq: 18 Mar 2020 13:02

Tgt Ion: 43 Resp: 75881
Ion Ratio Lower Upper
43 100
58 34.5 29.0 43.4





#17

Carbon Disulfide

Concen: 6.33 ug/l

RT: 2.56 min Scan# 275

Delta R.T. -0.00 min

Lab File: VX015322.D

Acq: 18 Mar 2020 13:02

Instrument :

MSVOA_X

ClientSampleId :

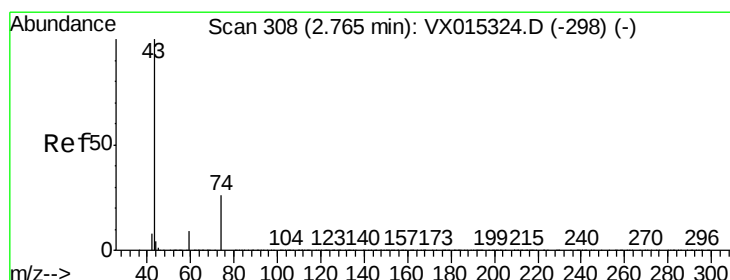
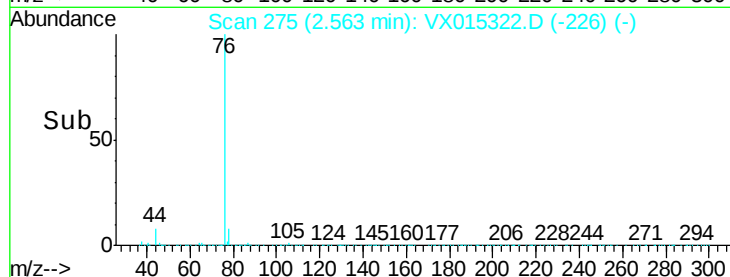
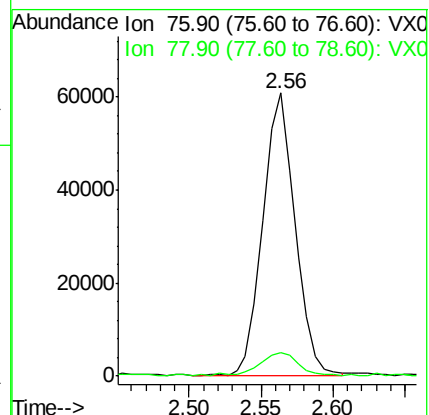
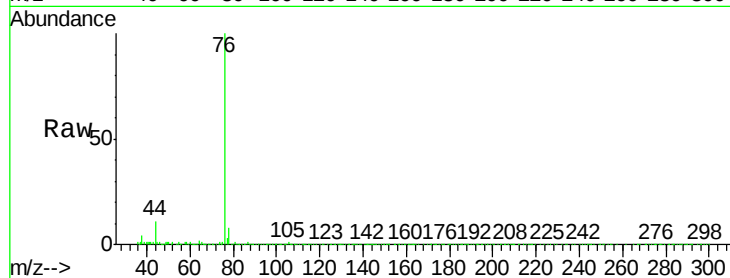
VSTDIC005

Tgt Ion: 76 Resp: 93759

Ion Ratio Lower Upper

76 100

78 8.4 7.2 10.8



#18

Methyl Acetate

Concen: 5.75 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX015322.D

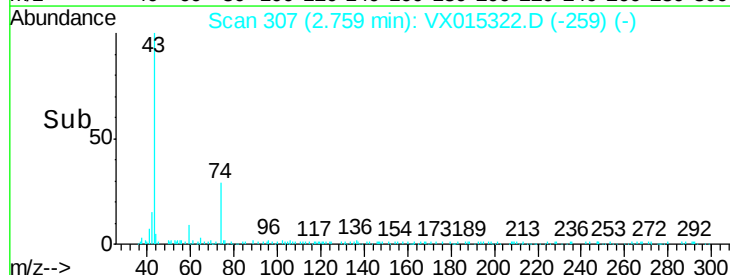
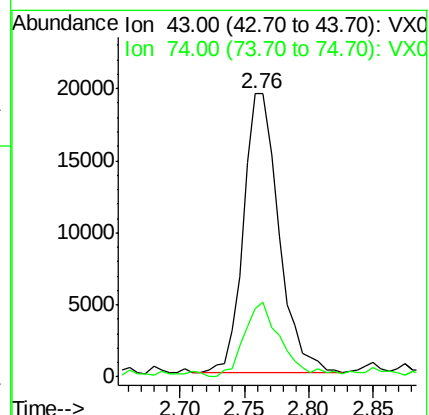
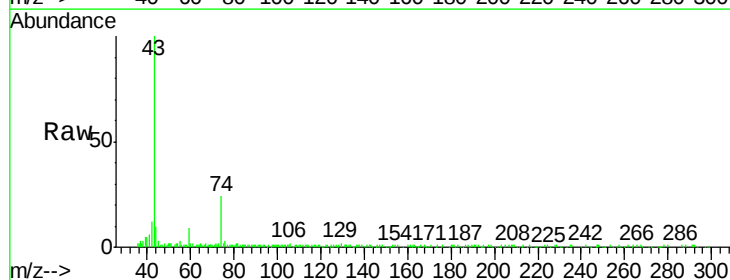
Acq: 18 Mar 2020 13:02

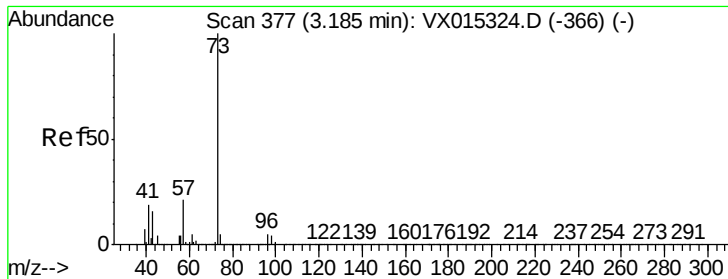
Tgt Ion: 43 Resp: 36780

Ion Ratio Lower Upper

43 100

74 28.1 21.9 32.9

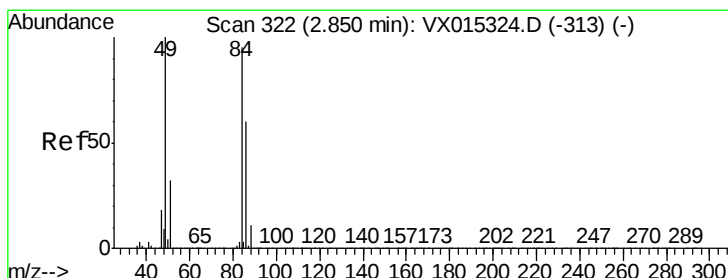
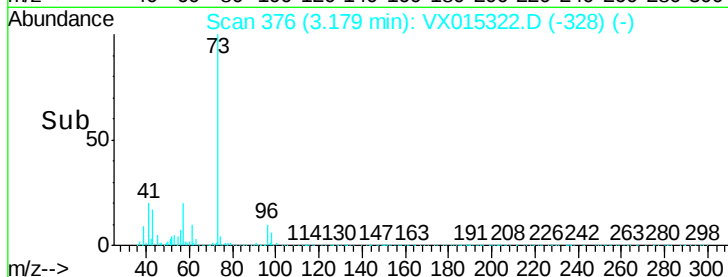
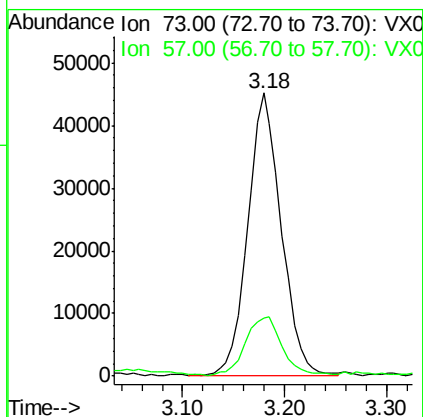
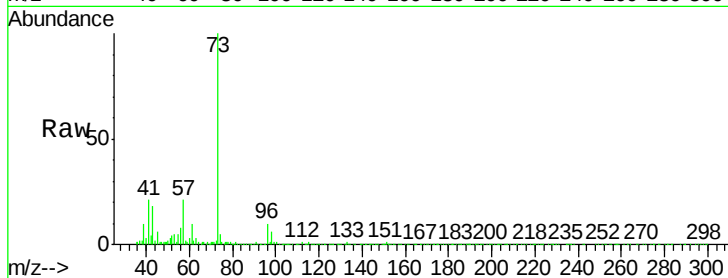




#19
Methyl tert-butyl Ether
Concen: 6.06 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX015322.D
Acq: 18 Mar 2020 13:02

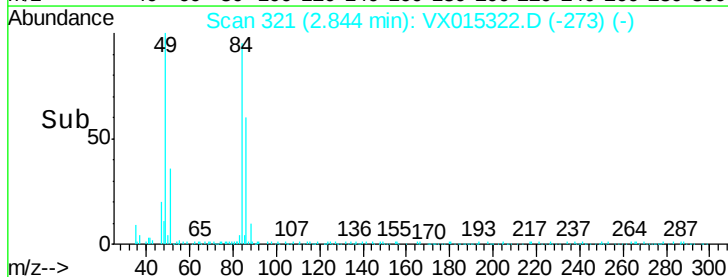
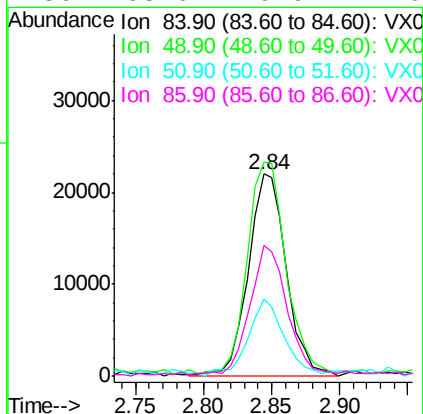
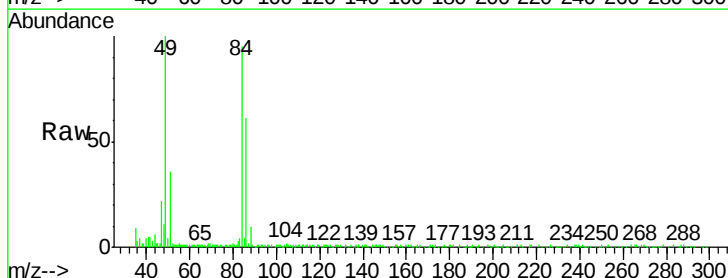
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

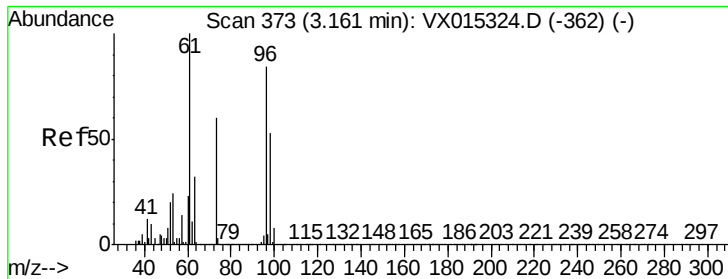
Tgt Ion: 73 Resp: 101850
Ion Ratio Lower Upper
73 100
57 20.2 16.8 25.2



#20
Methylene Chloride
Concen: 6.84 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.01 min
Lab File: VX015322.D
Acq: 18 Mar 2020 13:02

Tgt Ion: 84 Resp: 43047
Ion Ratio Lower Upper
84 100
49 103.5 84.0 126.0
51 36.9 27.0 40.6
86 63.6 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 6.95 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX015322.D

Acq: 18 Mar 2020 13:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

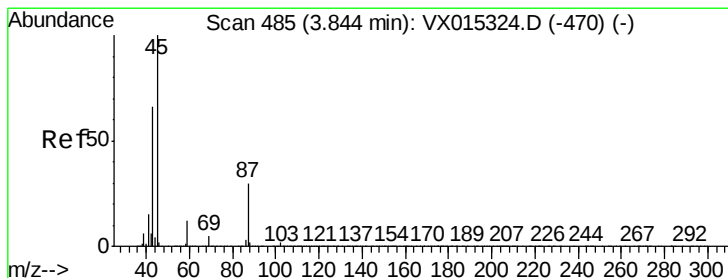
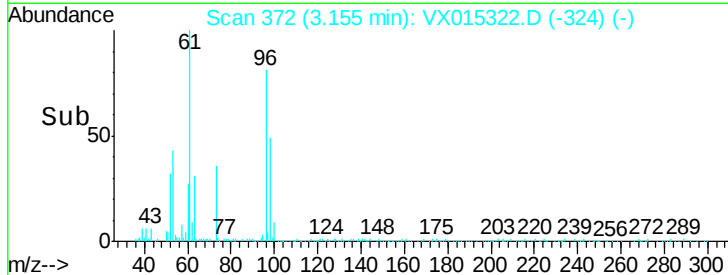
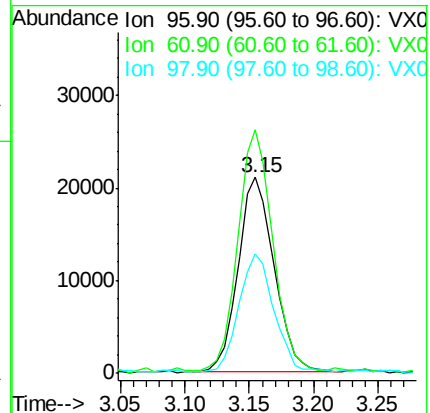
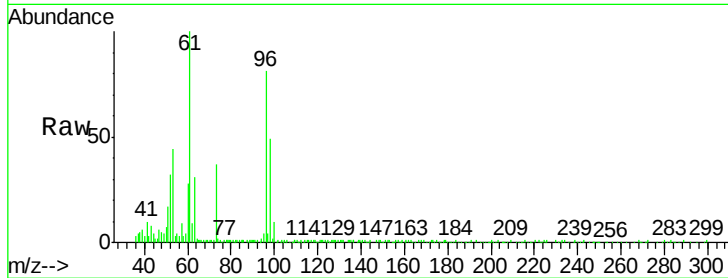
Tgt Ion: 96 Resp: 40687

Ion Ratio Lower Upper

96 100

61 123.9 95.5 143.3

98 60.8 50.2 75.2



#22

Diisopropyl ether

Concen: 6.03 ug/l

RT: 3.84 min Scan# 485

Delta R.T. -0.00 min

Lab File: VX015322.D

Acq: 18 Mar 2020 13:02

Tgt Ion: 45 Resp: 111218

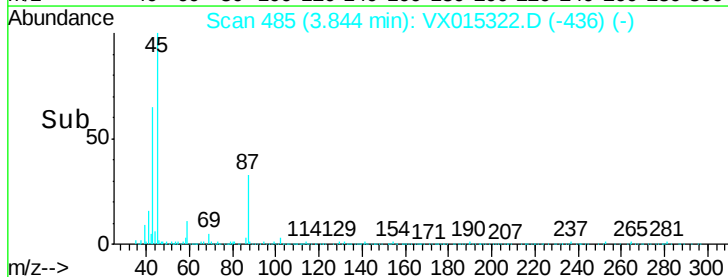
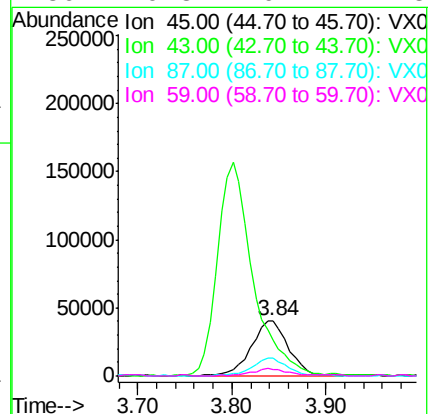
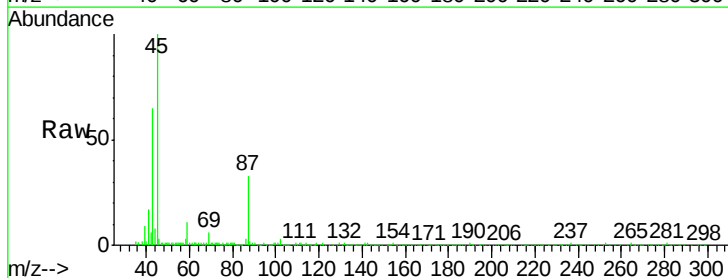
Ion Ratio Lower Upper

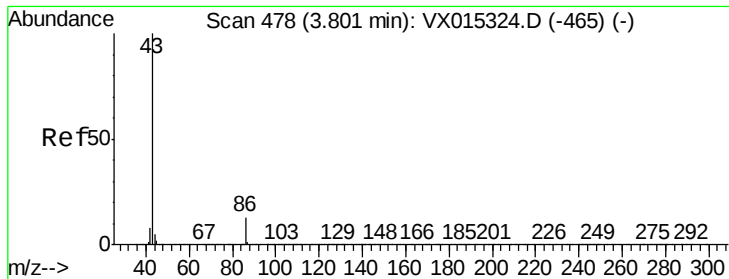
45 100

43 62.7 52.8 79.2

87 32.5 24.3 36.5

59 9.8 9.7 14.5





#23

Vinyl Acetate

Concen: 27.63 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX015322.D

Acq: 18 Mar 2020 13:02

Instrument :

MSVOA_X

ClientSampleId :

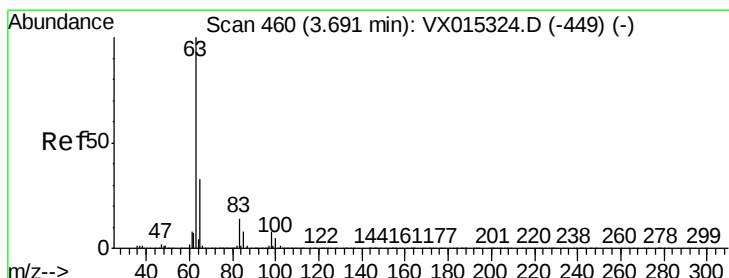
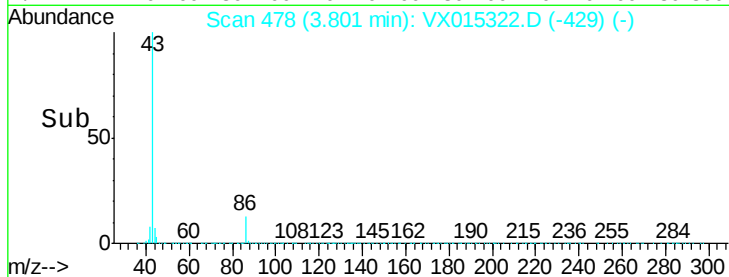
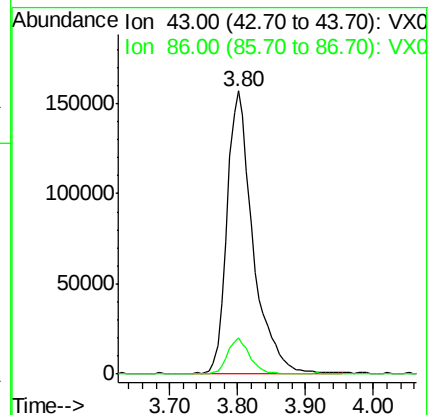
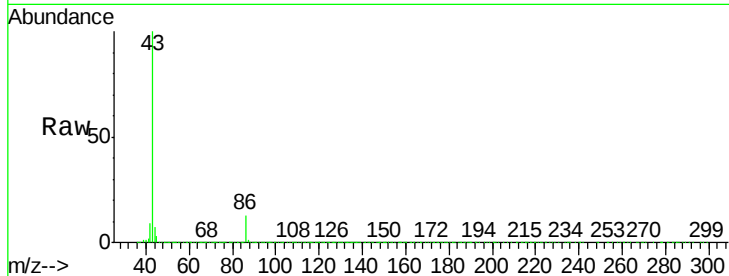
VSTDIC005

Tgt Ion: 43 Resp: 416358

Ion Ratio Lower Upper

43 100

86 12.8 10.1 15.1



#24

1,1-Dichloroethane

Concen: 6.31 ug/l

RT: 3.69 min Scan# 460

Delta R.T. -0.00 min

Lab File: VX015322.D

Acq: 18 Mar 2020 13:02

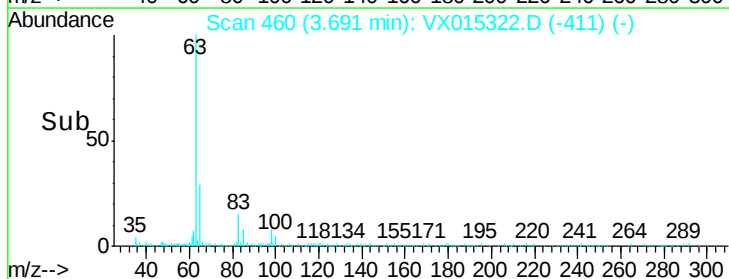
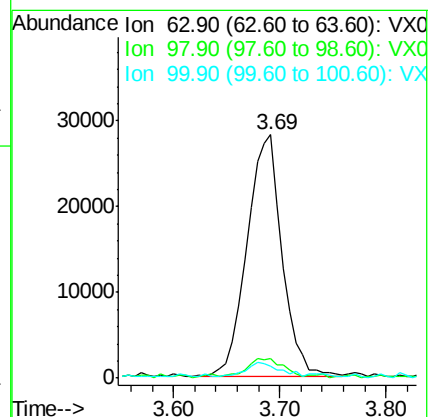
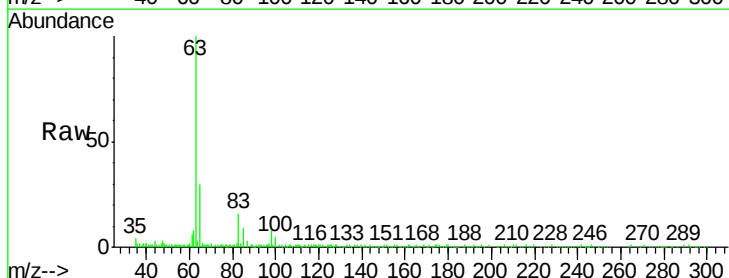
Tgt Ion: 63 Resp: 65242

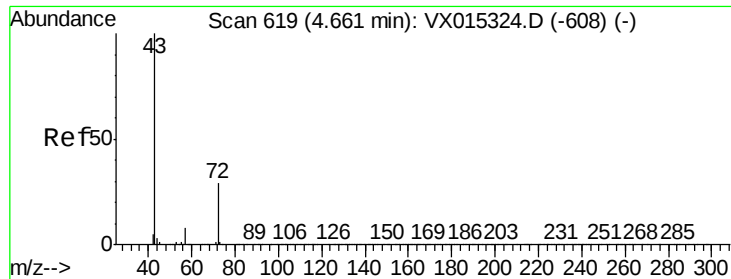
Ion Ratio Lower Upper

63 100

98 7.7 3.9 11.7

100 4.2 2.4 7.2





#25

2-Butanone

Concen: 27.45 ug/l

RT: 4.66 min Scan# 619

Delta R.T. -0.00 min

Lab File: VX015322.D

Acq: 18 Mar 2020 13:02

Instrument :

MSVOA_X

ClientSampleId :

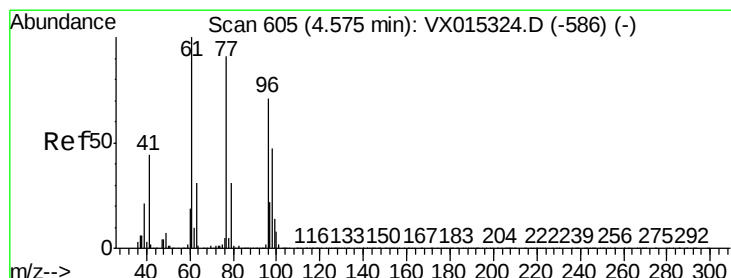
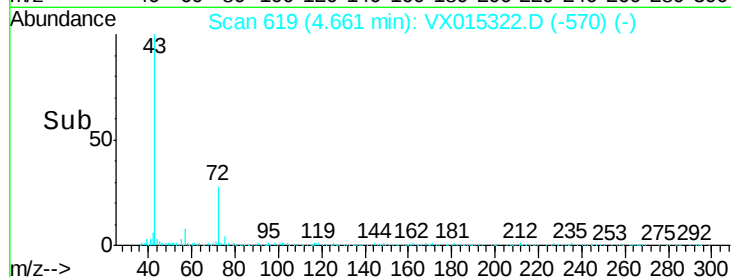
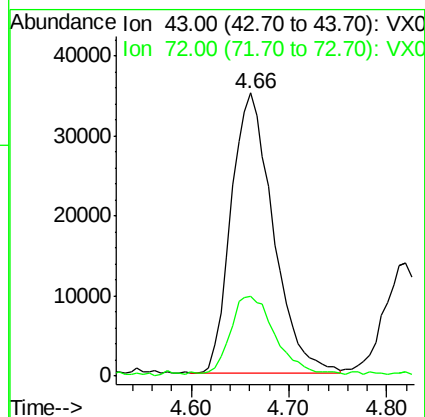
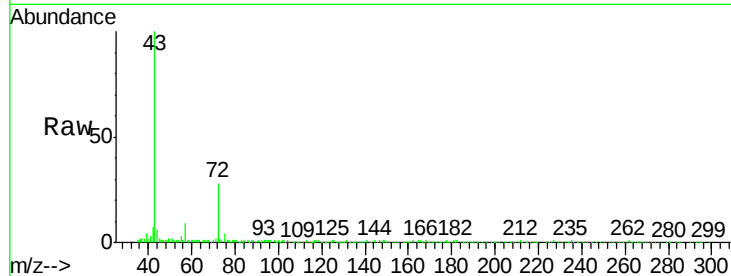
VSTDIC005

Tgt Ion: 43 Resp: 104571

Ion Ratio Lower Upper

43 100

72 27.1 23.1 34.7



#26

2,2-Dichloropropane

Concen: 6.24 ug/l

RT: 4.56 min Scan# 603

Delta R.T. -0.01 min

Lab File: VX015322.D

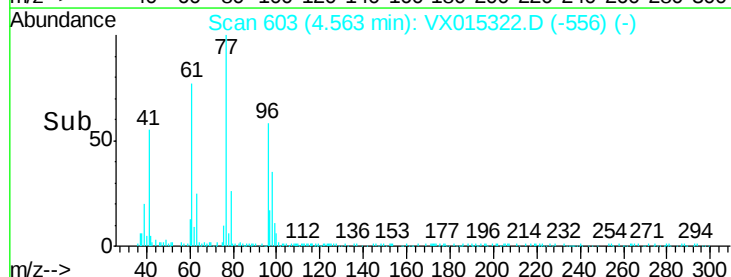
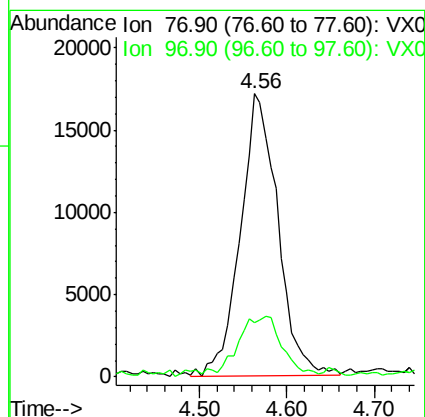
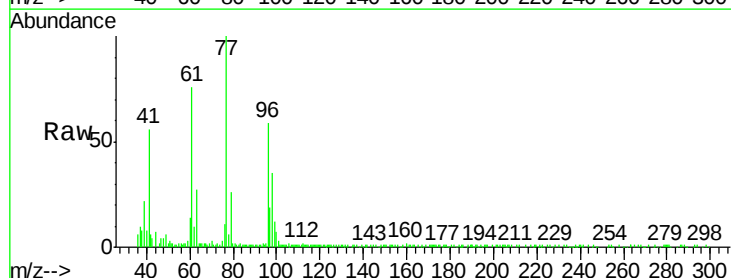
Acq: 18 Mar 2020 13:02

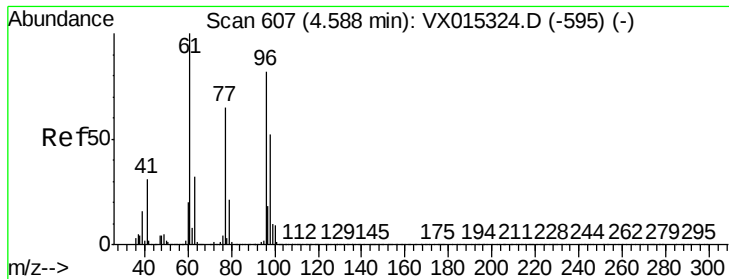
Tgt Ion: 77 Resp: 50751

Ion Ratio Lower Upper

77 100

97 22.9 13.0 38.9



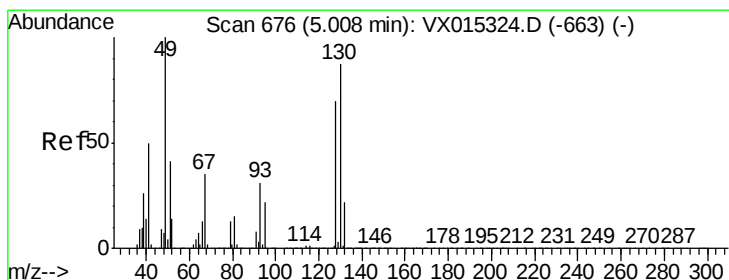
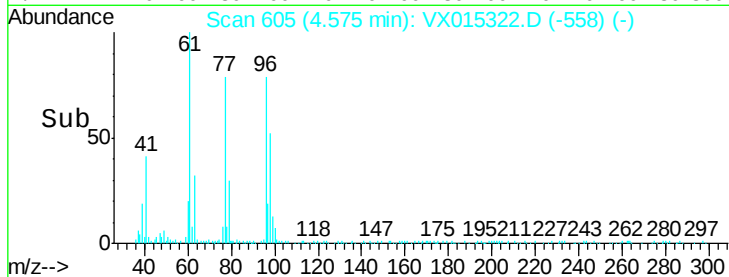
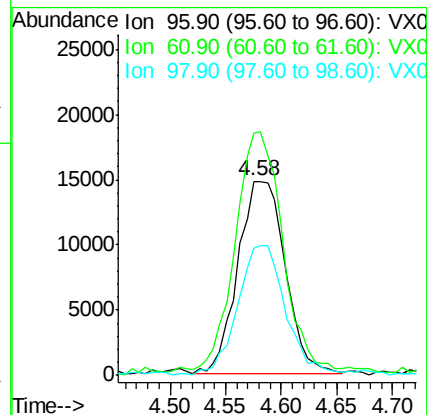
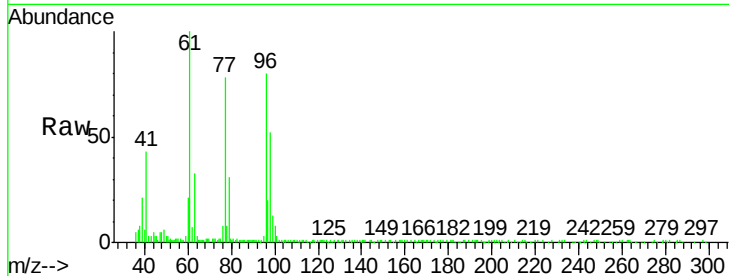


#27

cis-1,2-Dichloroethene
Concen: 6.72 ug/l
RT: 4.58 min Scan# 605
Delta R.T. -0.01 min
Lab File: VX015322.D
Acq: 18 Mar 2020 13:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

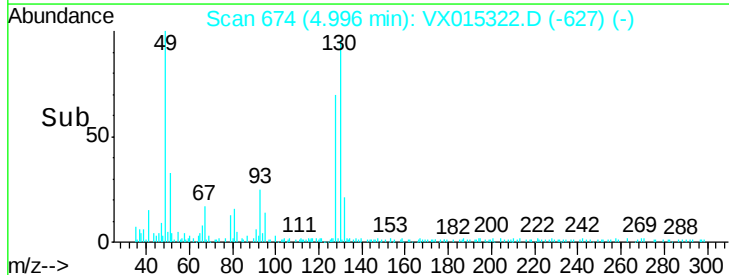
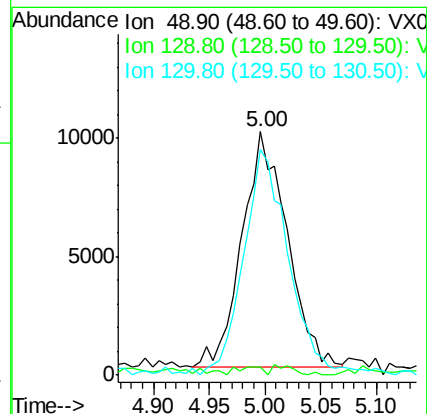
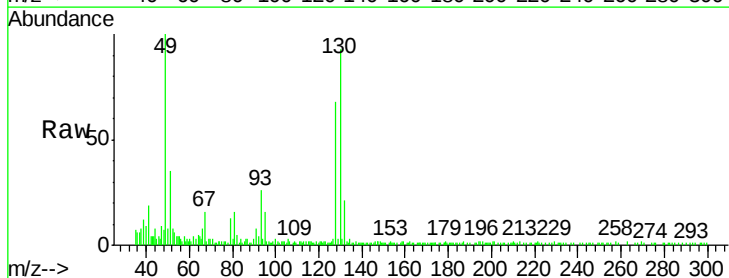
Tgt Ion: 96 Resp: 43654
Ion Ratio Lower Upper
96 100
61 126.2 0.0 255.8
98 68.8 0.0 128.8

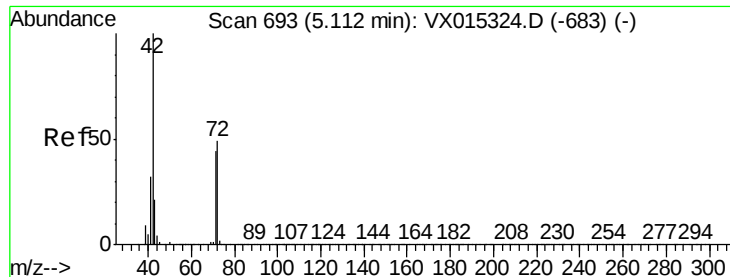


#28

Bromochloromethane
Concen: 6.05 ug/l
RT: 5.00 min Scan# 674
Delta R.T. -0.01 min
Lab File: VX015322.D
Acq: 18 Mar 2020 13:02

Tgt Ion: 49 Resp: 27969
Ion Ratio Lower Upper
49 100
129 2.0 0.0 5.4
130 93.6 69.9 104.9

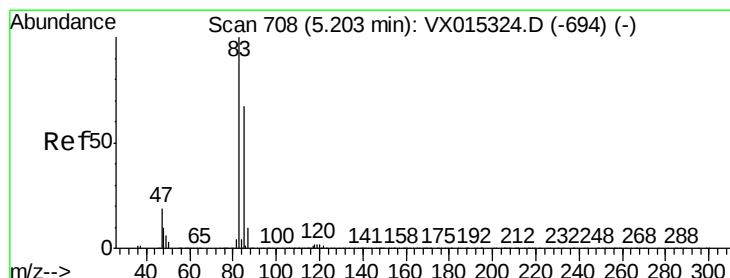
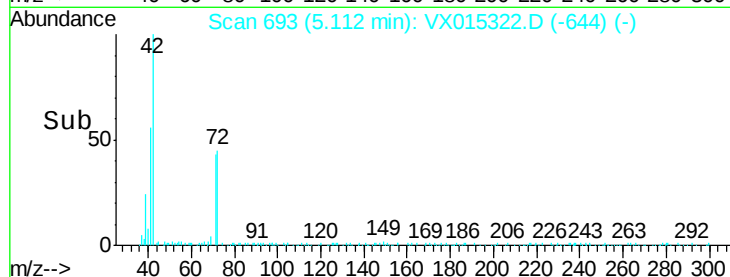
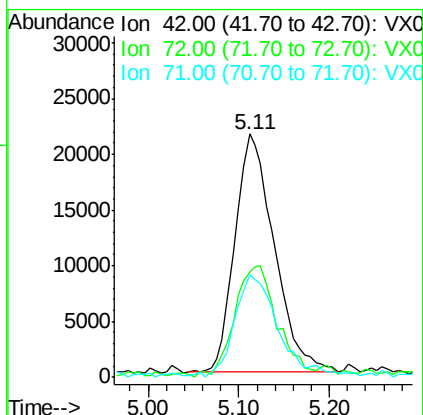
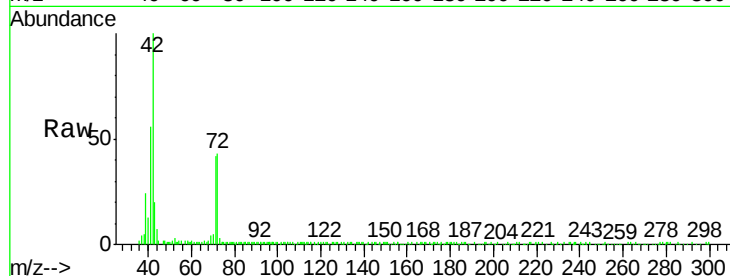




#29
Tetrahydrofuran
Concen: 25.79 ug/l
RT: 5.11 min Scan# 693
Delta R.T. -0.00 min
Lab File: VX015322.D
Acq: 18 Mar 2020 13:02

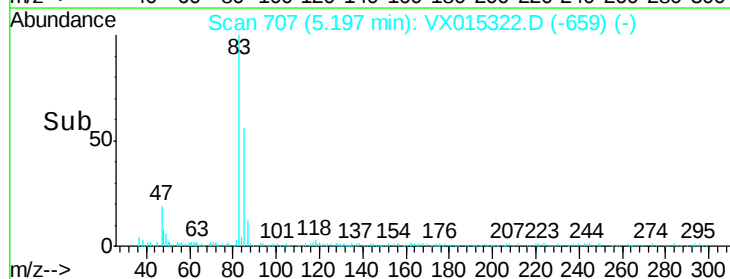
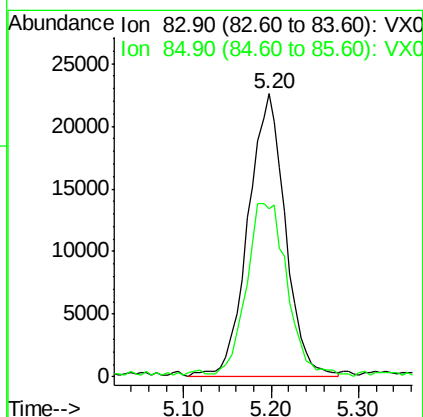
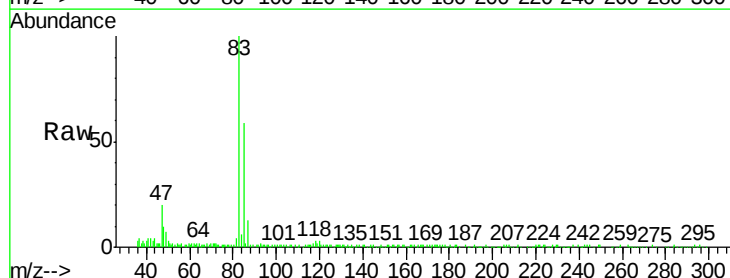
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

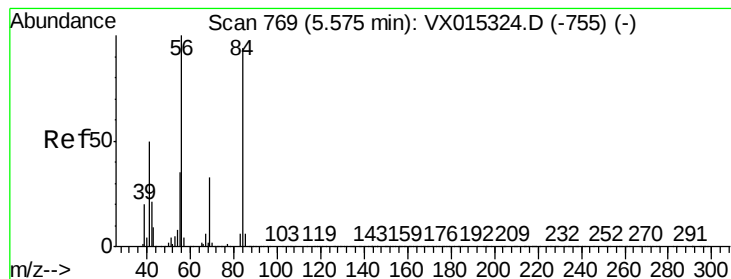
Tgt Ion	Ratio	Lower	Upper
42	100		
72	51.7	39.6	59.4
71	46.7	36.5	54.7



#30
Chloroform
Concen: 6.63 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.01 min
Lab File: VX015322.D
Acq: 18 Mar 2020 13:02

Tgt Ion	Ratio	Lower	Upper
83	100		
85	58.4	53.8	80.6





#31

Cyclohexane

Concen: 5.87 ug/l

RT: 5.56 min Scan# 767

Delta R.T. -0.01 min

Lab File: VX015322.D

Acq: 18 Mar 2020 13:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

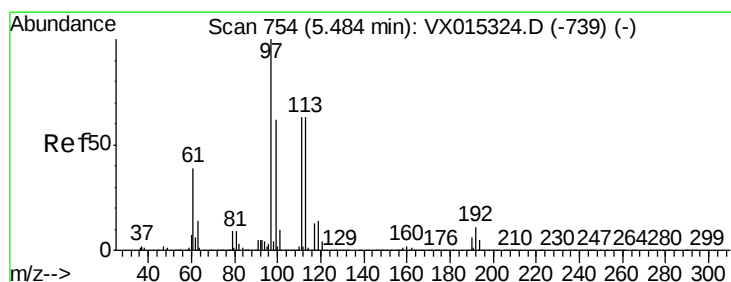
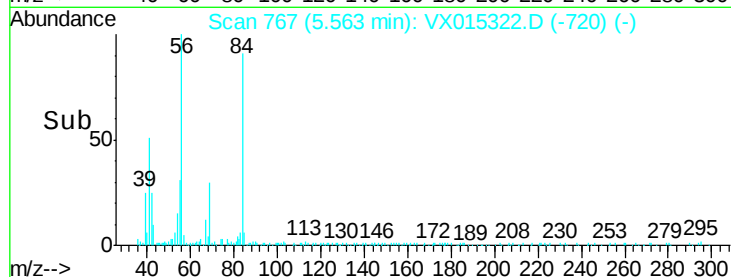
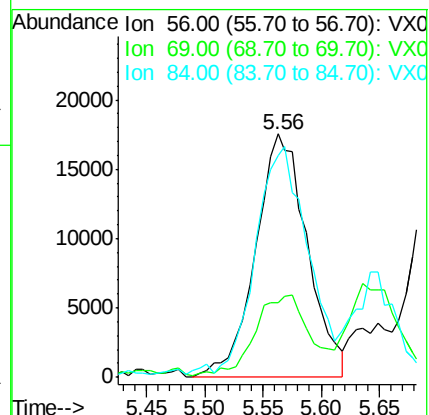
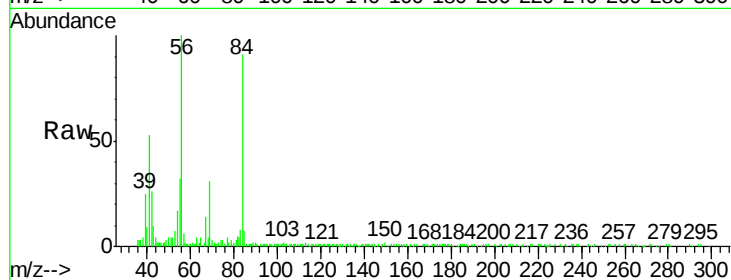
Tgt Ion: 56 Resp: 54244

Ion Ratio Lower Upper

56 100

69 30.3 26.2 39.4

84 90.2 75.2 112.8



#32

1,1,1-Trichloroethane

Concen: 6.46 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX015322.D

Acq: 18 Mar 2020 13:02

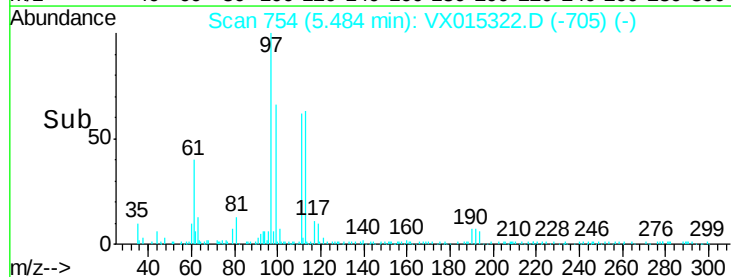
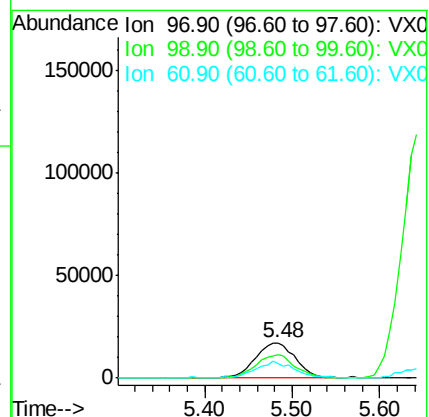
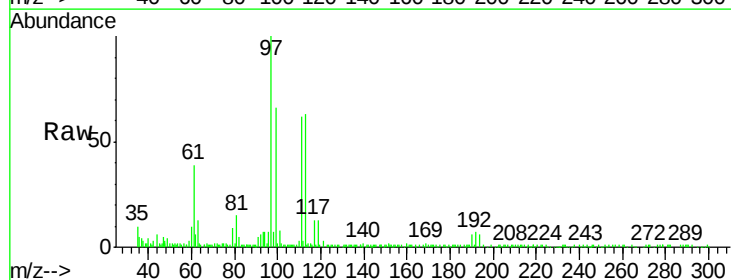
Tgt Ion: 97 Resp: 54502

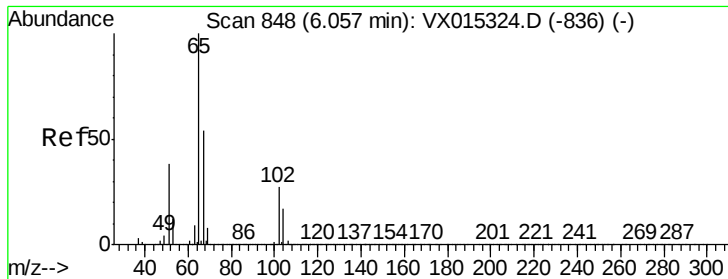
Ion Ratio Lower Upper

97 100

99 66.2 51.4 77.0

61 42.0 31.7 47.5





#33

1,2-Dichloroethane-d4

Concen: 5.47 ug/l

RT: 6.06 min Scan# 848

Delta R.T. -0.00 min

Lab File: VX015322.D

Acq: 18 Mar 2020 13:02

Instrument :

MSVOA_X

ClientSampleId :

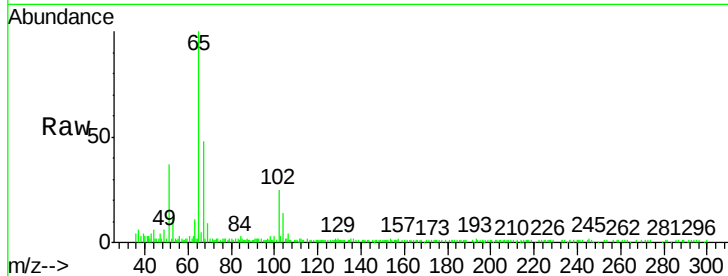
VSTDIC005

Tgt Ion: 65 Resp: 35124

Ion Ratio Lower Upper

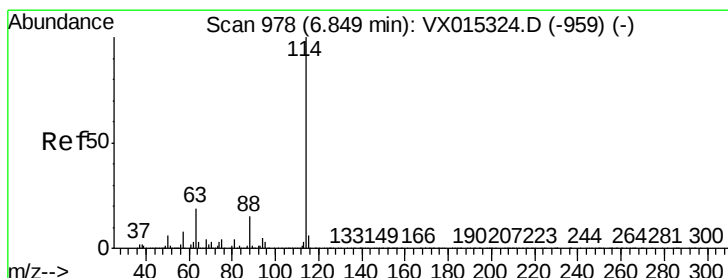
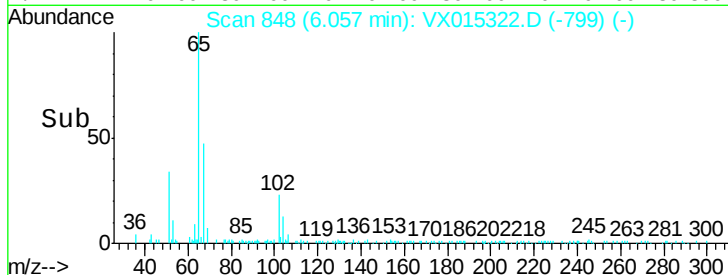
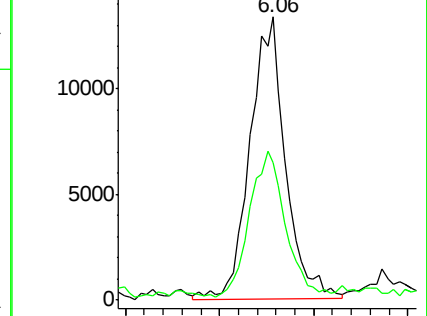
65 100

67 52.5 0.0 108.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.84 min Scan# 977

Delta R.T. -0.01 min

Lab File: VX015322.D

Acq: 18 Mar 2020 13:02

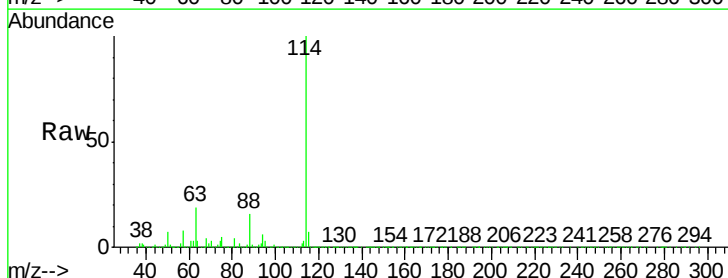
Tgt Ion: 114 Resp: 965447

Ion Ratio Lower Upper

114 100

63 18.6 0.0 37.4

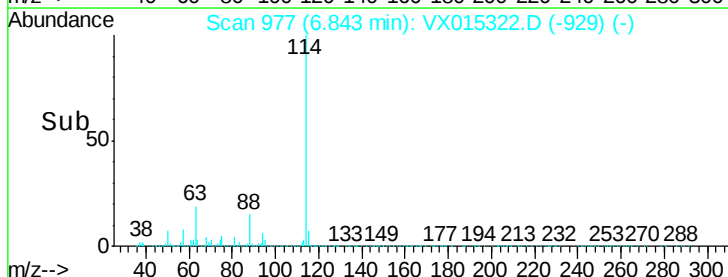
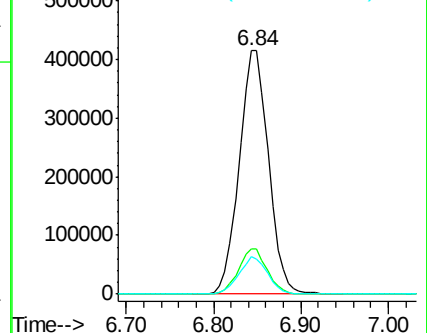
88 15.5 0.0 30.0

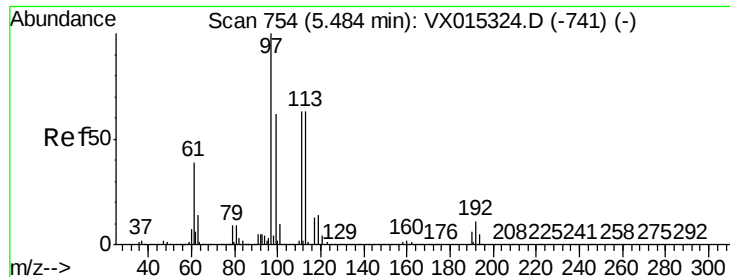


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

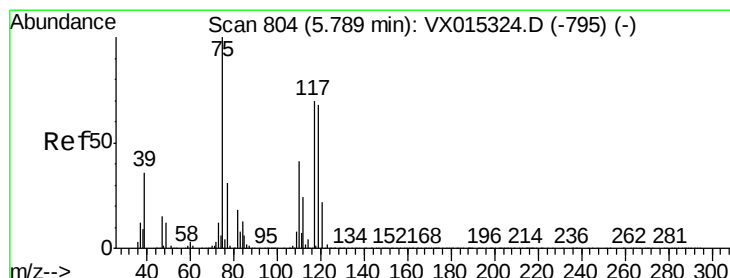
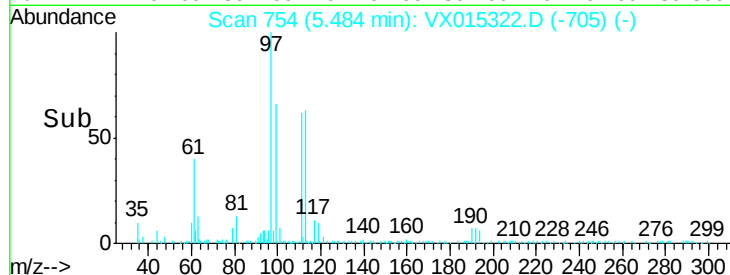
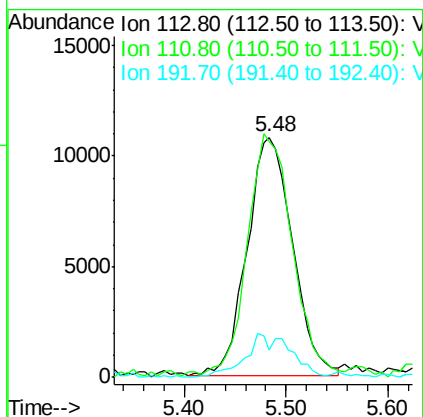
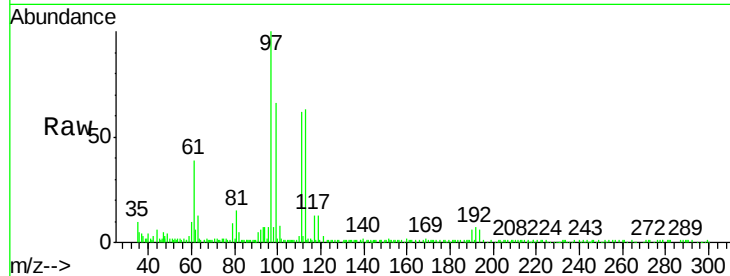




#35
Dibromofluoromethane
Concen: 5.48 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.00 min
Lab File: VX015322.D
Acq: 18 Mar 2020 13:02

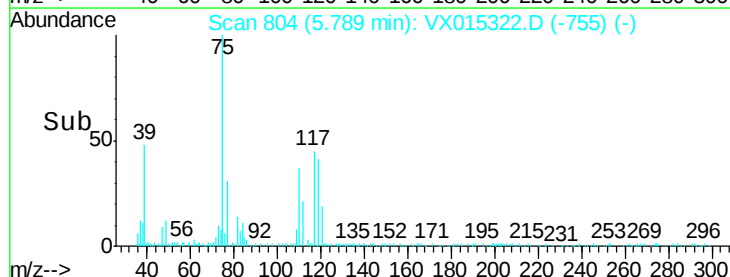
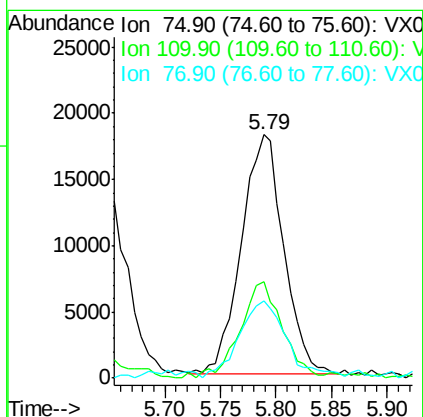
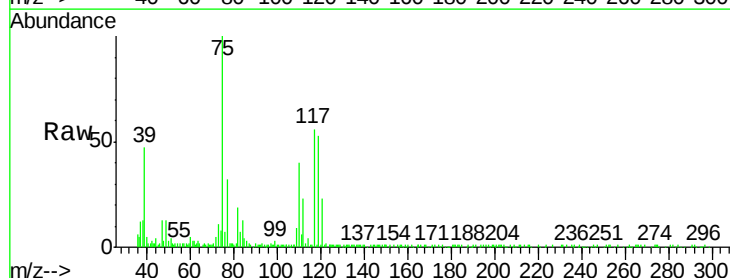
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

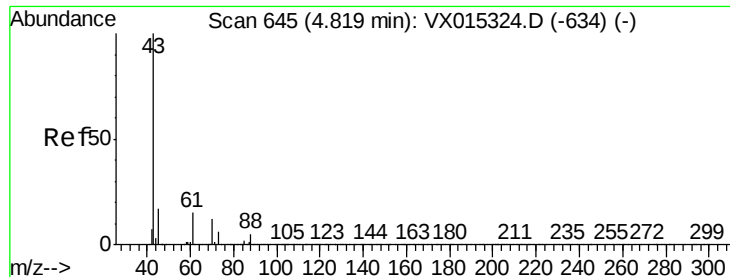
Tgt Ion: 113 Resp: 33527
Ion Ratio Lower Upper
113 100
111 99.5 82.5 123.7
192 9.9 14.2 21.2#



#36
1,1-Dichloropropene
Concen: 5.32 ug/l
RT: 5.79 min Scan# 804
Delta R.T. -0.00 min
Lab File: VX015322.D
Acq: 18 Mar 2020 13:02

Tgt Ion: 75 Resp: 47671
Ion Ratio Lower Upper
75 100
110 40.3 19.4 58.4
77 36.1 24.6 37.0

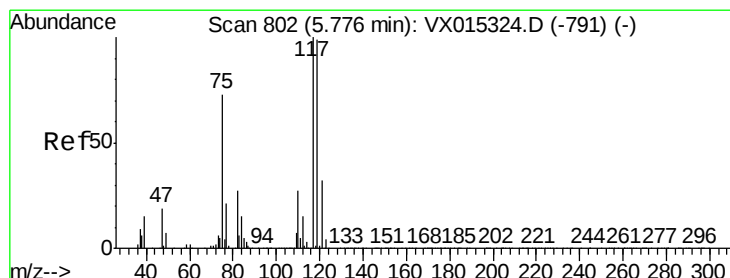
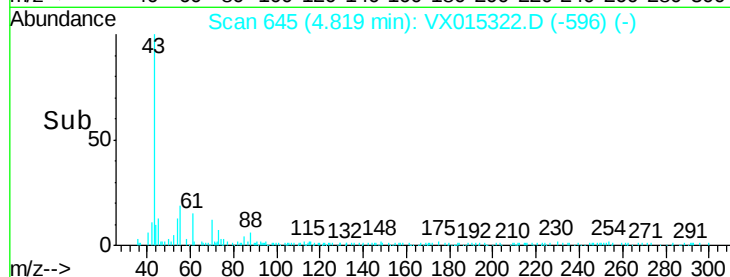
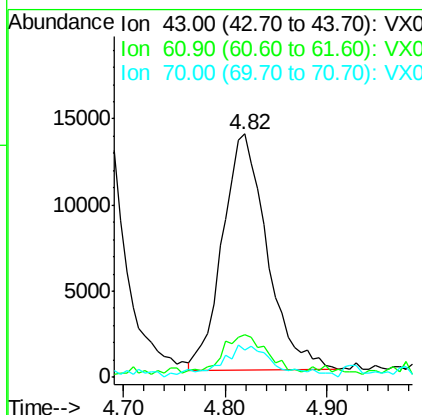
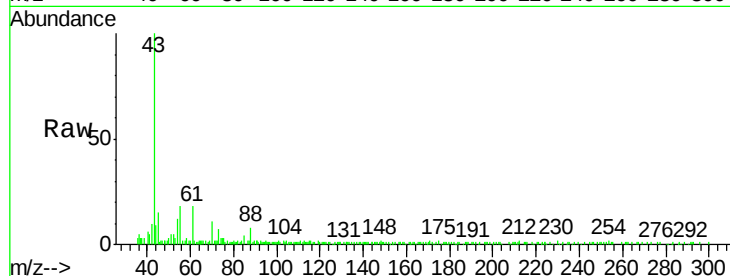




#37
Ethyl Acetate
Concen: 5.07 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.00 min
Lab File: VX015322.D
Acq: 18 Mar 2020 13:02

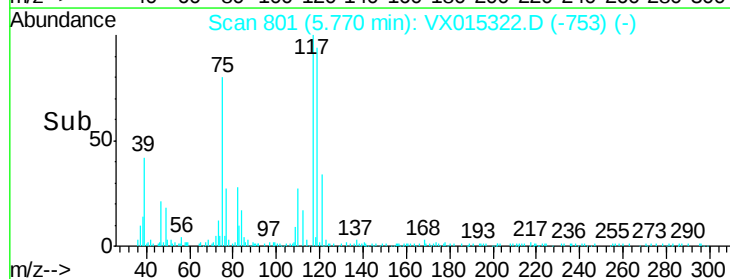
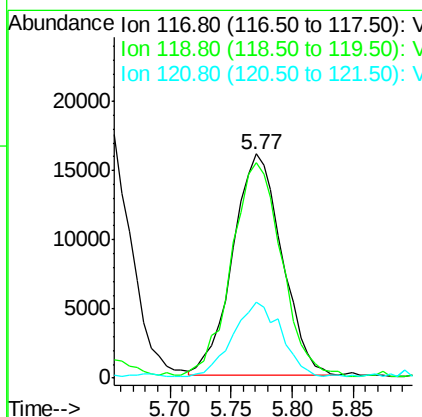
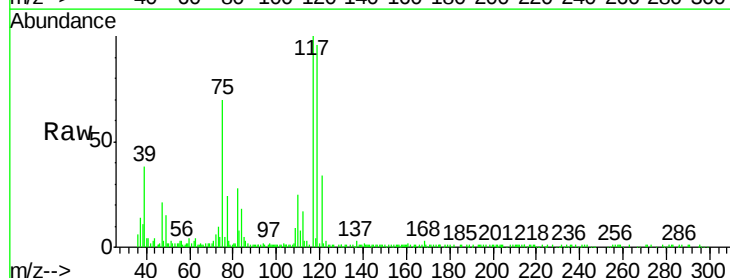
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

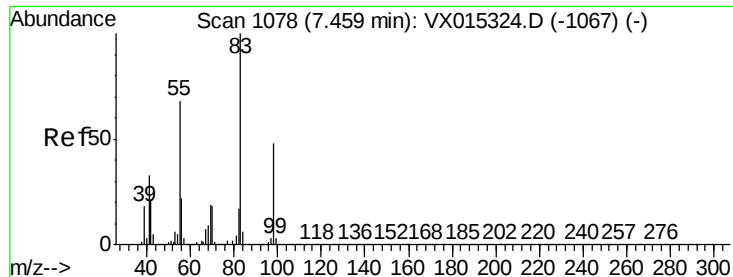
Tgt Ion: 43 Resp: 41478
Ion Ratio Lower Upper
43 100
61 16.4 12.2 18.2
70 15.8 9.8 14.6#



#38
Carbon Tetrachloride
Concen: 5.27 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX015322.D
Acq: 18 Mar 2020 13:02

Tgt Ion: 117 Resp: 44696
Ion Ratio Lower Upper
117 100
119 94.4 79.3 118.9
121 33.4 25.4 38.0

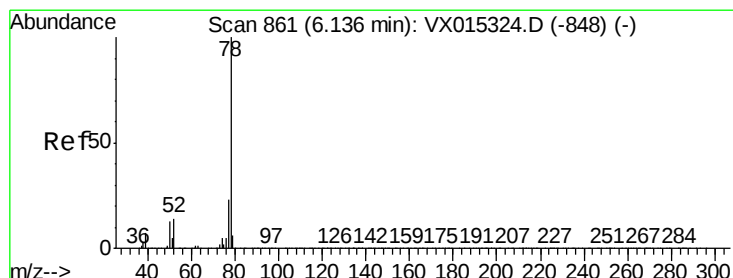
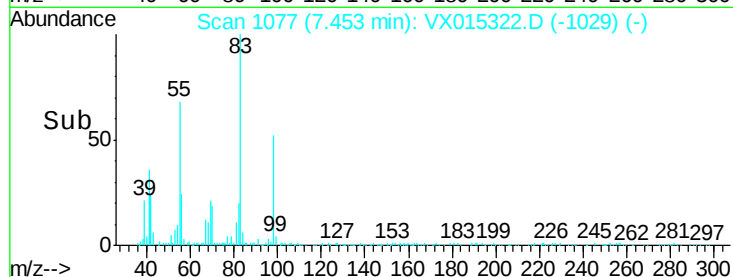
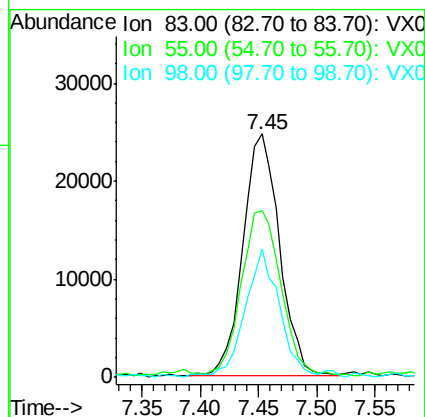
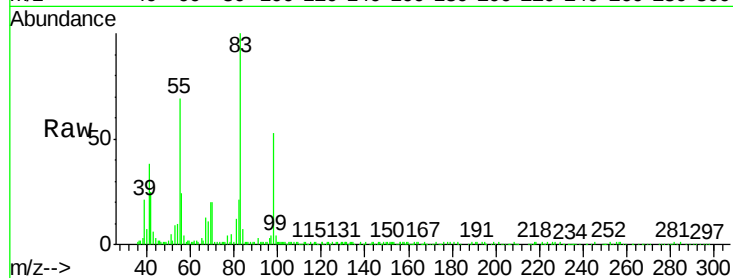




#39
Methylcyclohexane
Concen: 5.09 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX015322.D
Acq: 18 Mar 2020 13:02

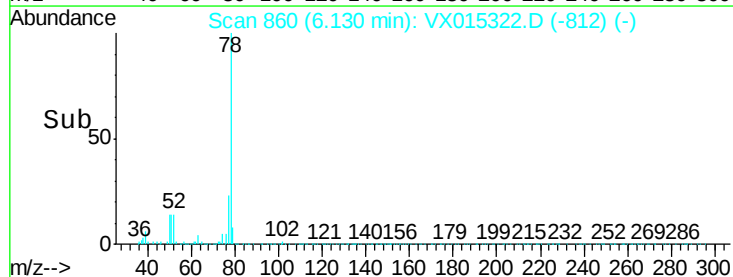
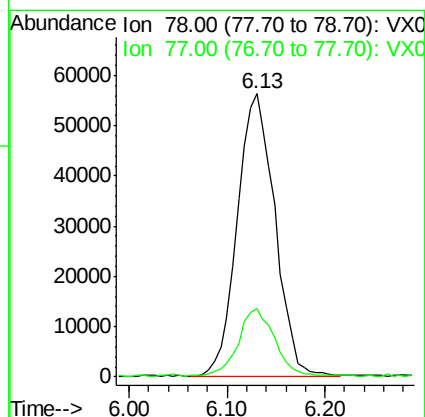
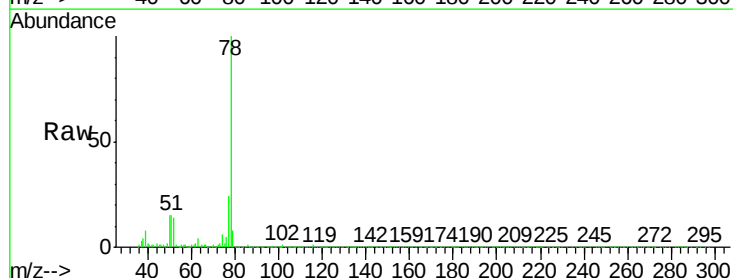
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

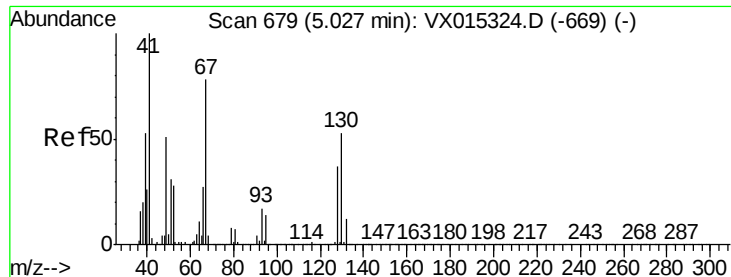
Tgt Ion: 83 Resp: 53540
Ion Ratio Lower Upper
83 100
55 67.9 54.8 82.2
98 52.7 38.8 58.2



#40
Benzene
Concen: 5.60 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX015322.D
Acq: 18 Mar 2020 13:02

Tgt Ion: 78 Resp: 149571
Ion Ratio Lower Upper
78 100
77 23.6 18.2 27.4

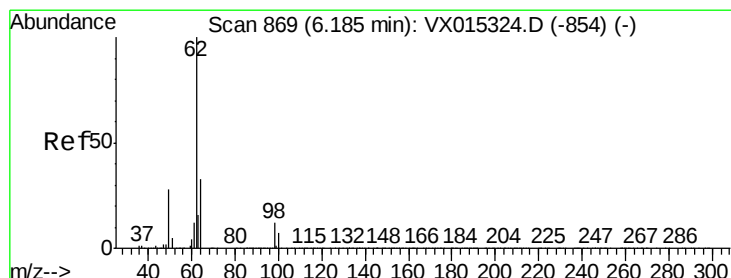
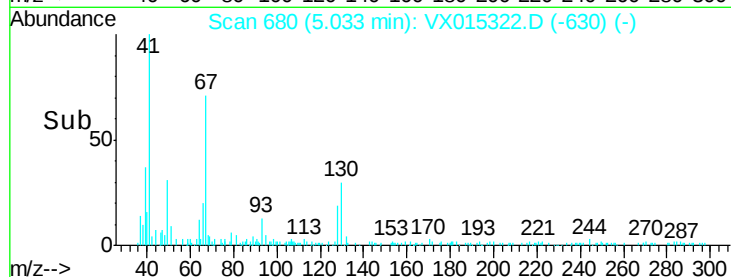
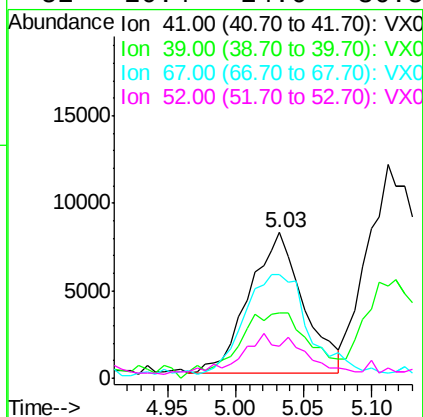
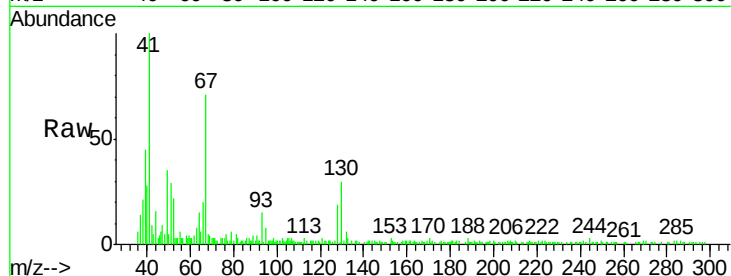




#41
Methacrylonitrile
Concen: 4.55 ug/l
RT: 5.03 min Scan# 680
Delta R.T. 0.01 min
Lab File: VX015322.D
Acq: 18 Mar 2020 13:02

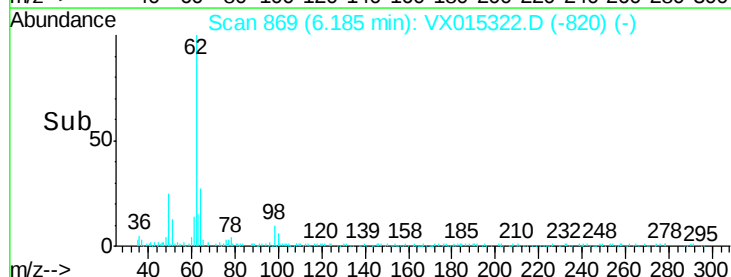
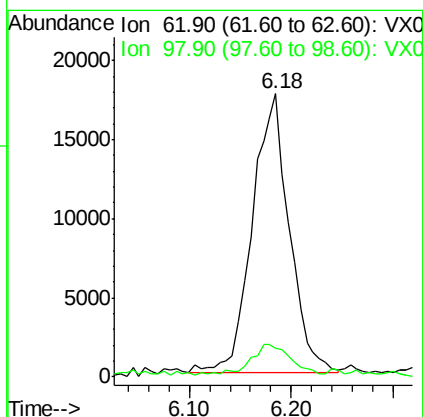
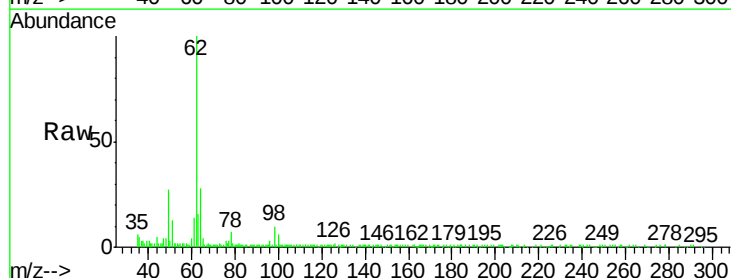
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

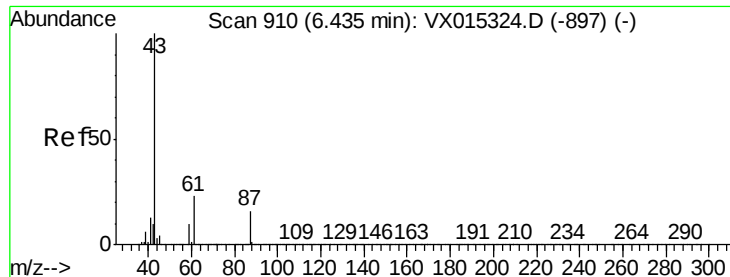
Tgt Ion:	41	Resp:	22274
Ion	Ratio	Lower	Upper
41	100		
39	64.6	43.0	64.6#
67	85.6	66.0	99.0
52	20.4	24.6	36.8#



#42
1,2-Dichloroethane
Concen: 4.95 ug/l
RT: 6.18 min Scan# 869
Delta R.T. -0.00 min
Lab File: VX015322.D
Acq: 18 Mar 2020 13:02

Tgt Ion:	62	Resp:	44431
Ion	Ratio	Lower	Upper
62	100		
98	11.1	0.0	22.6





#43

Isopropyl Acetate

Concen: 4.28 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX015322.D

Acq: 18 Mar 2020 13:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

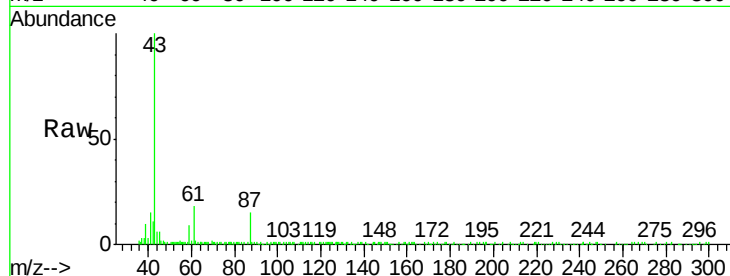
Tgt Ion: 43 Resp: 61031

Ion Ratio Lower Upper

43 100

61 19.6 18.2 27.2

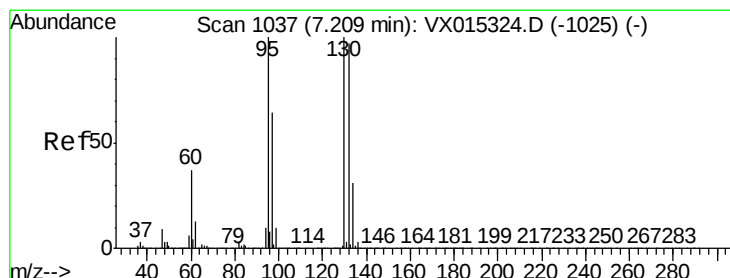
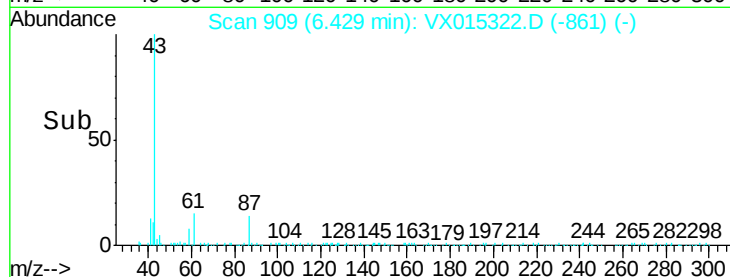
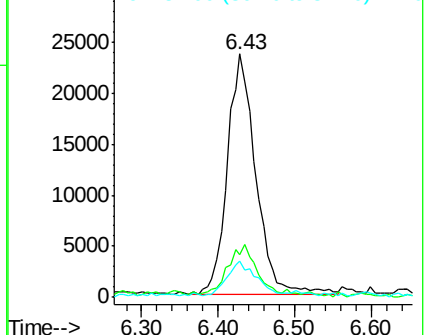
87 14.7 12.3 18.5



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: 4.88 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.01 min

Lab File: VX015322.D

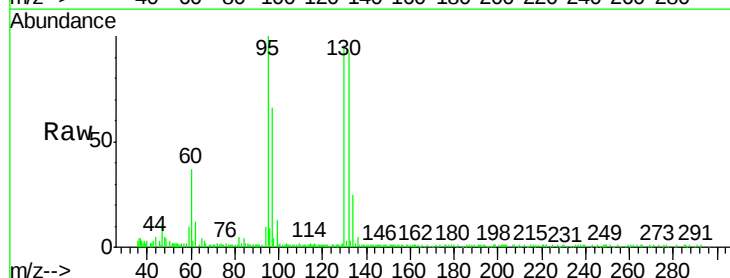
Acq: 18 Mar 2020 13:02

Tgt Ion: 130 Resp: 35968

Ion Ratio Lower Upper

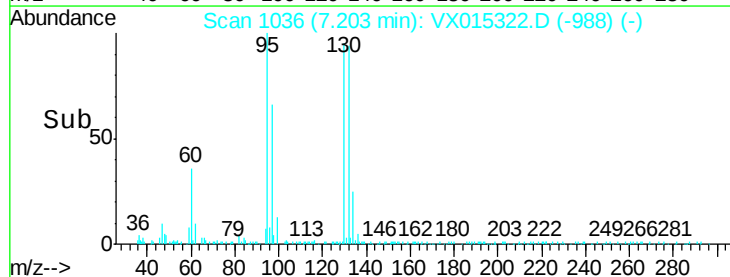
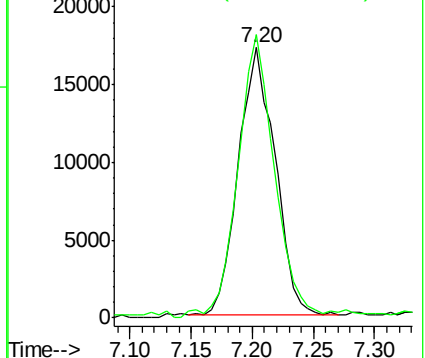
130 100

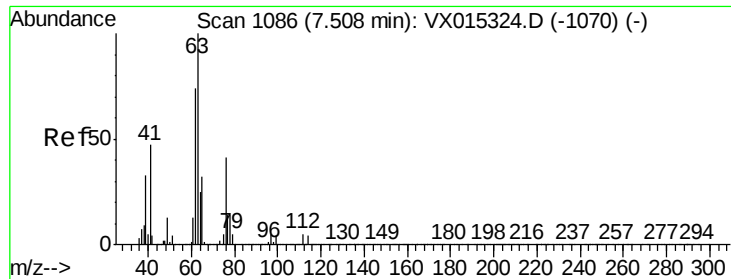
95 103.7 0.0 200.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

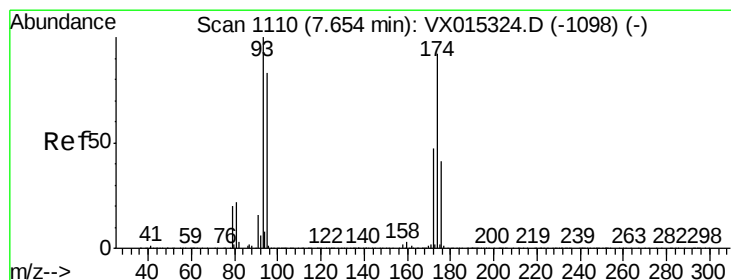
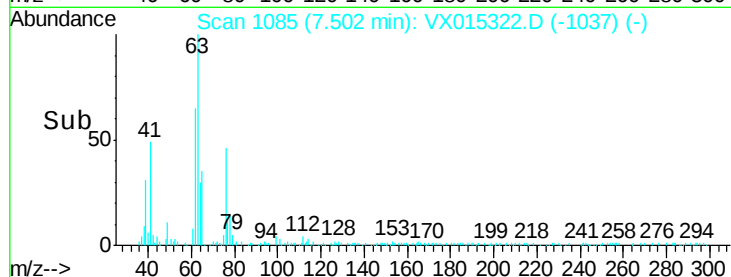
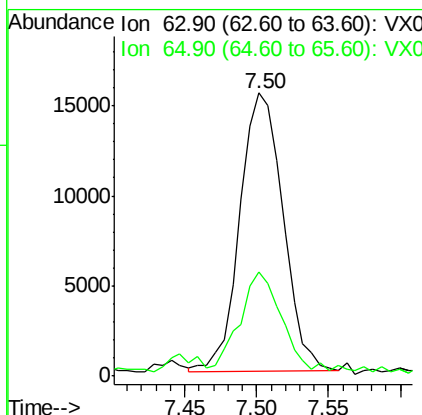
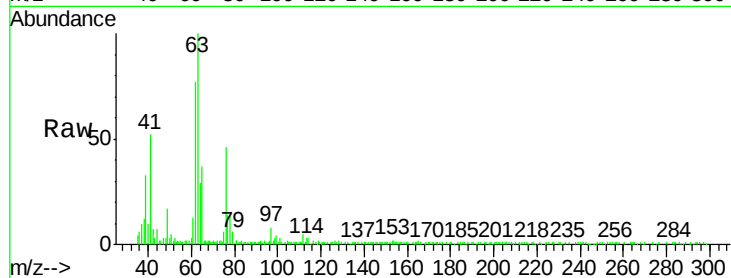




#45
 1,2-Dichloropropane
 Concen: 4.69 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX015322.D
 Acq: 18 Mar 2020 13:02

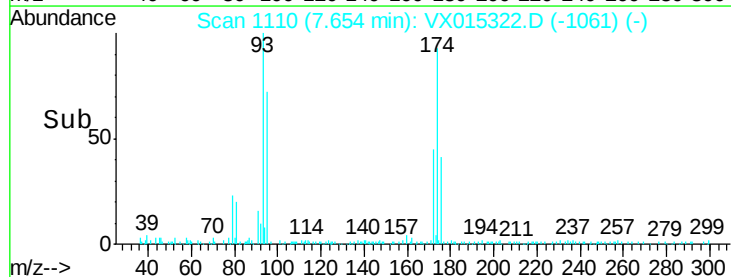
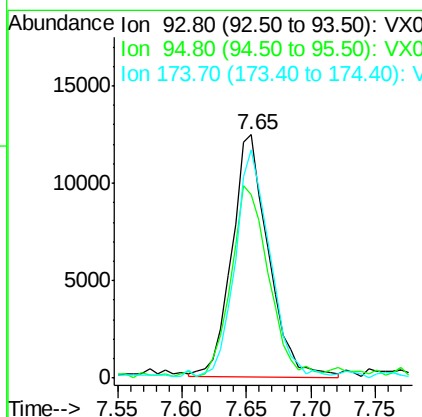
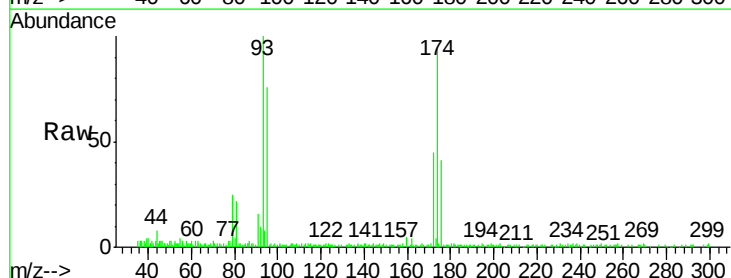
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

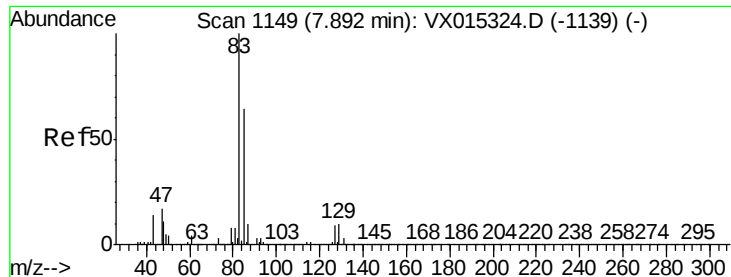
Tgt Ion: 63 Resp: 32094
 Ion Ratio Lower Upper
 63 100
 65 33.9 25.1 37.7



#46
 Dibromomethane
 Concen: 5.45 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX015322.D
 Acq: 18 Mar 2020 13:02

Tgt Ion: 93 Resp: 24491
 Ion Ratio Lower Upper
 93 100
 95 80.5 66.3 99.5
 174 87.8 74.2 111.2





#47

Bromodichloromethane

Concen: 4.83 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX015322.D

Acq: 18 Mar 2020 13:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

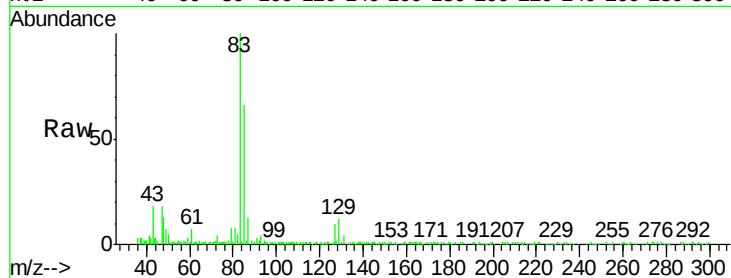
Tgt Ion: 83 Resp: 42727

Ion Ratio Lower Upper

83 100

85 65.5 51.0 76.6

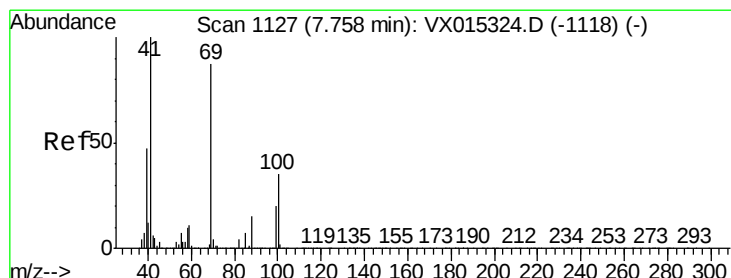
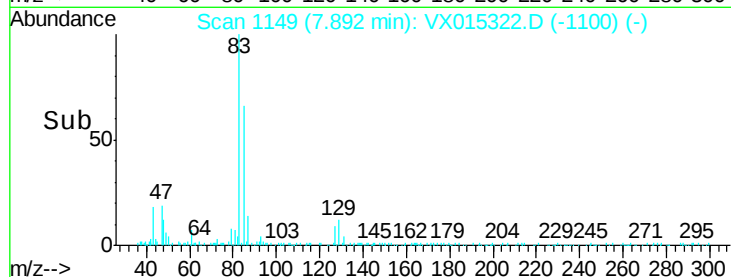
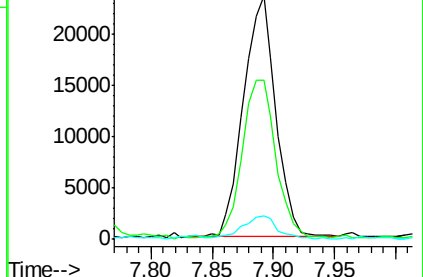
127 9.8 7.2 10.8



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): VX0



#48

Methyl methacrylate

Concen: 3.81 ug/l

RT: 7.76 min Scan# 1127

Delta R.T. -0.00 min

Lab File: VX015322.D

Acq: 18 Mar 2020 13:02

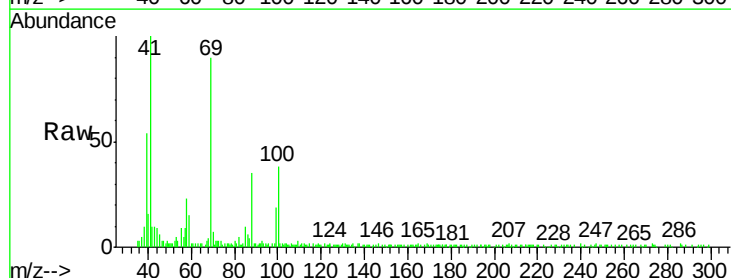
Tgt Ion: 41 Resp: 27732

Ion Ratio Lower Upper

41 100

69 91.1 74.4 111.6

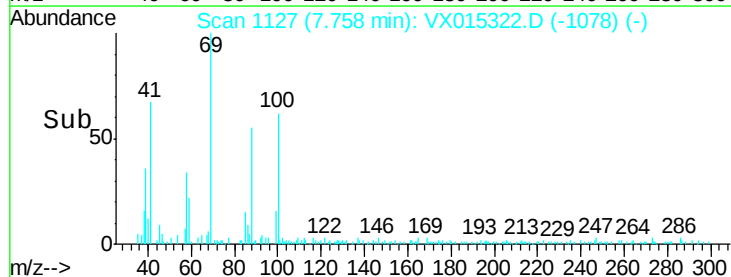
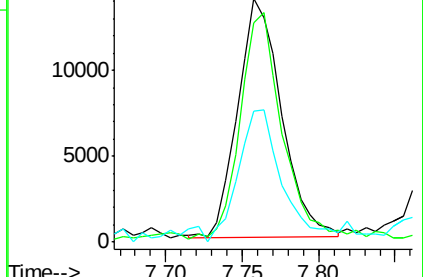
39 55.5 39.2 58.8

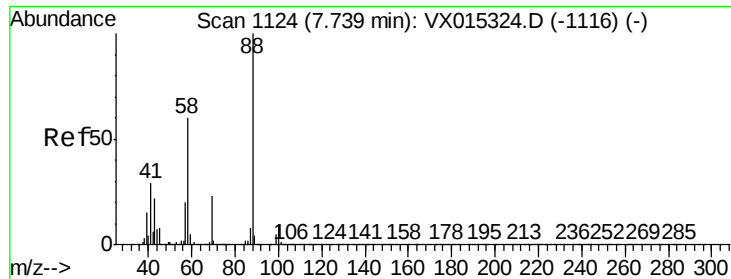


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 90.29 ug/l

RT: 7.75 min Scan# 1125

Delta R.T. 0.01 min

Lab File: VX015322.D

Acq: 18 Mar 2020 13:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

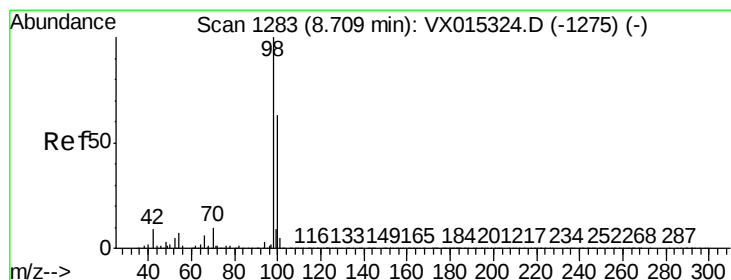
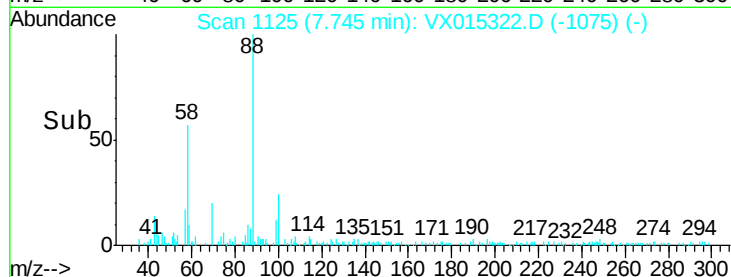
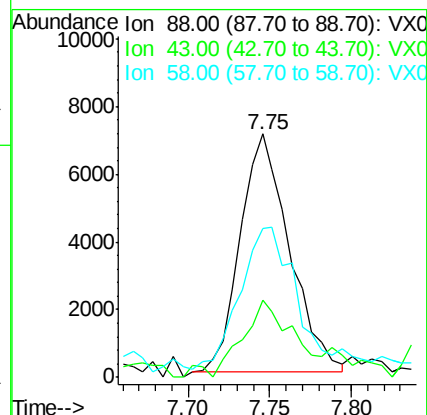
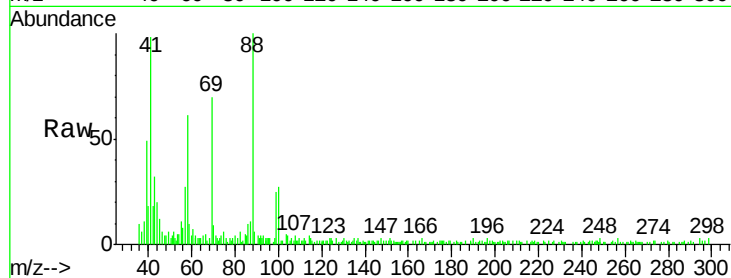
Tgt Ion: 88 Resp: 14688

Ion Ratio Lower Upper

88 100

43 35.1 20.7 31.1#

58 70.0 53.9 80.9



#50

Toluene-d8

Concen: 4.76 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX015322.D

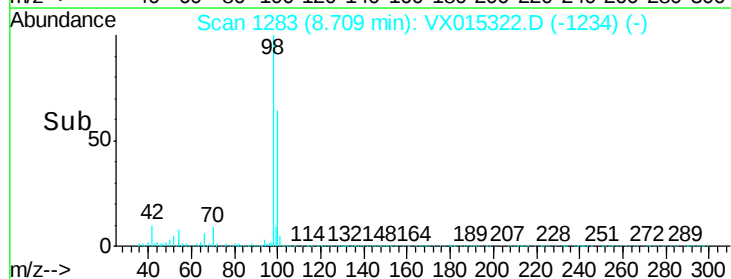
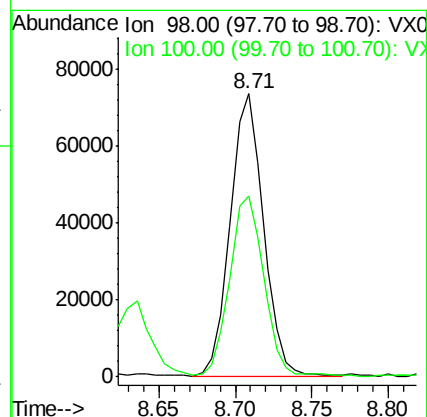
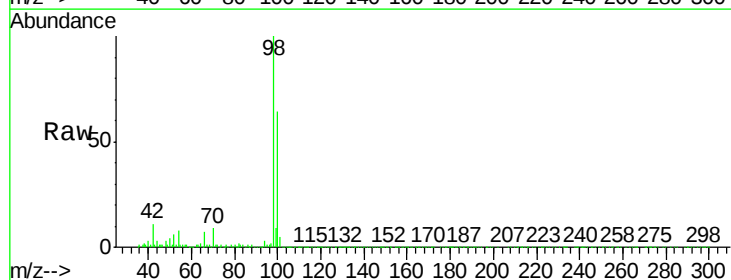
Acq: 18 Mar 2020 13:02

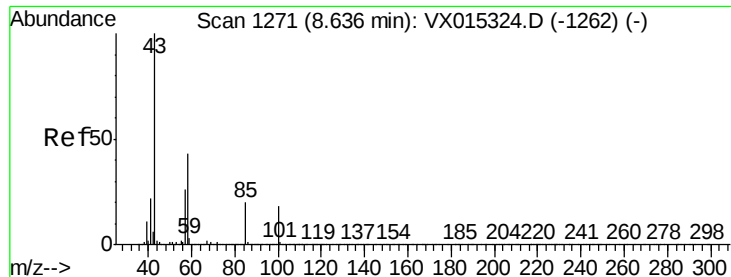
Tgt Ion: 98 Resp: 110334

Ion Ratio Lower Upper

98 100

100 65.8 53.0 79.6

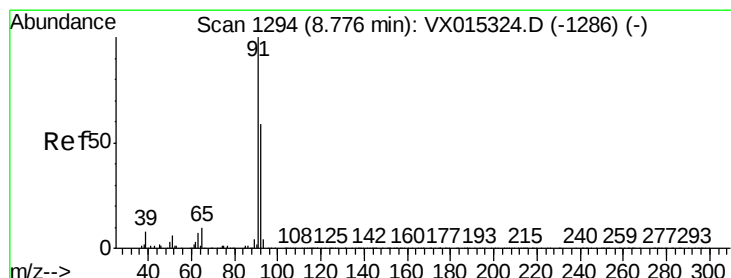
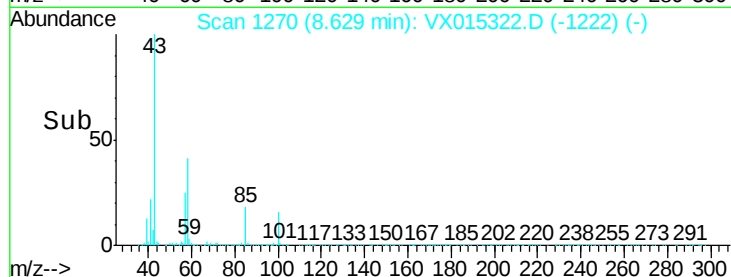
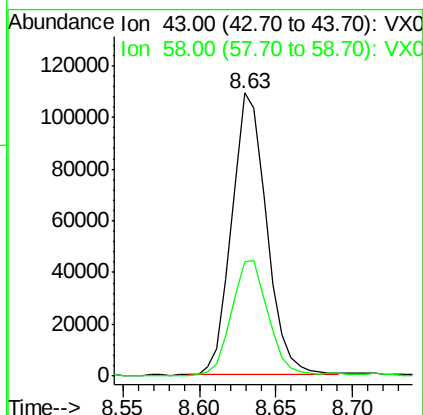
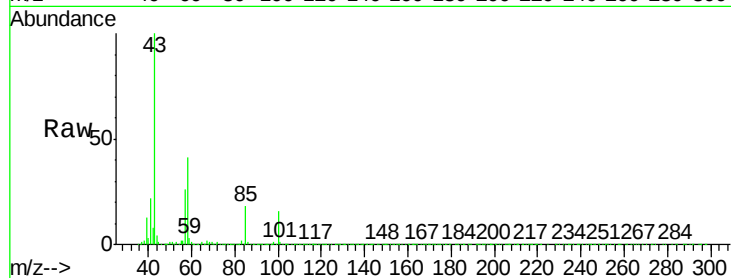




#51
 4-Methyl-2-Pentanone
 Concen: 20.36 ug/l
 RT: 8.63 min Scan# 1270
 Delta R.T. -0.01 min
 Lab File: VX015322.D
 Acq: 18 Mar 2020 13:02

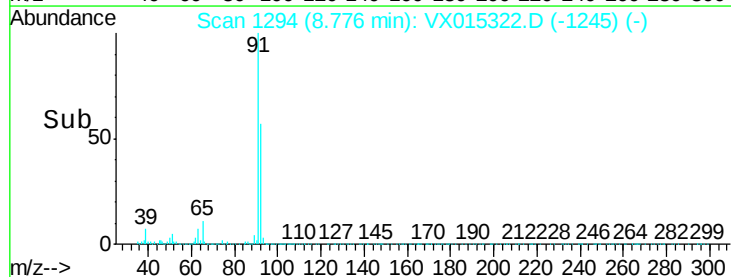
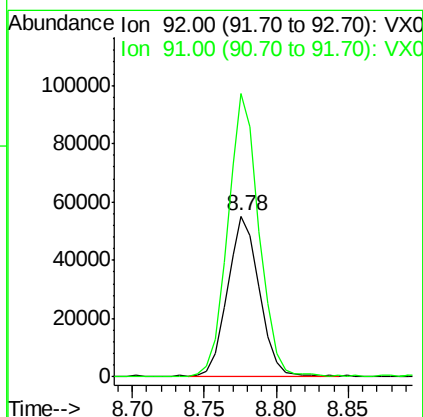
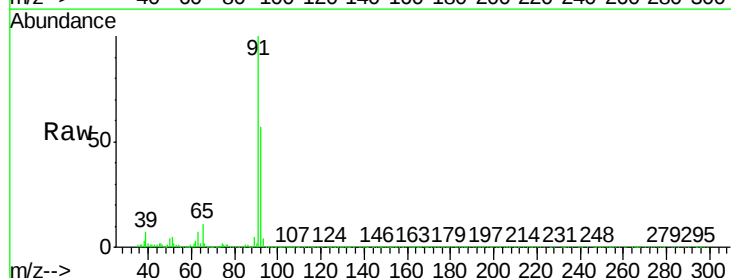
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

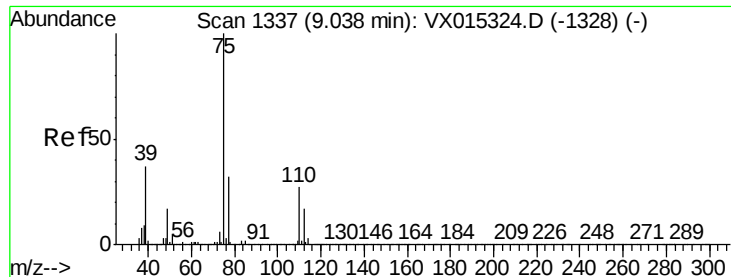
Tgt Ion: 43 Resp: 172580
 Ion Ratio Lower Upper
 43 100
 58 43.4 34.6 51.8



#52
 Toluene
 Concen: 5.17 ug/l
 RT: 8.78 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: VX015322.D
 Acq: 18 Mar 2020 13:02

Tgt Ion: 92 Resp: 84445
 Ion Ratio Lower Upper
 92 100
 91 175.1 136.4 204.6





#53

t-1,3-Dichloropropene

Concen: 4.63 ug/l

RT: 9.03 min Scan# 1336

Delta R.T. -0.01 min

Lab File: VX015322.D

Acq: 18 Mar 2020 13:02

Instrument :

MSVOA_X

ClientSampleId :

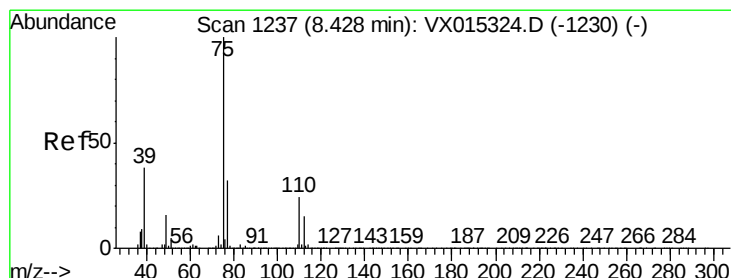
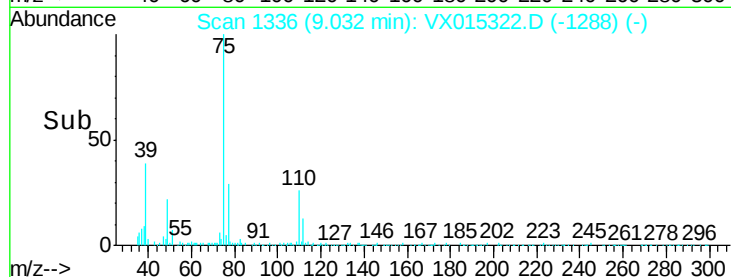
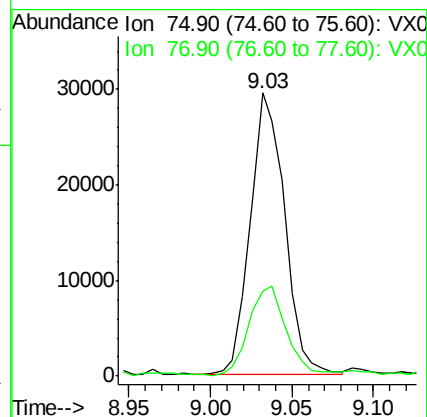
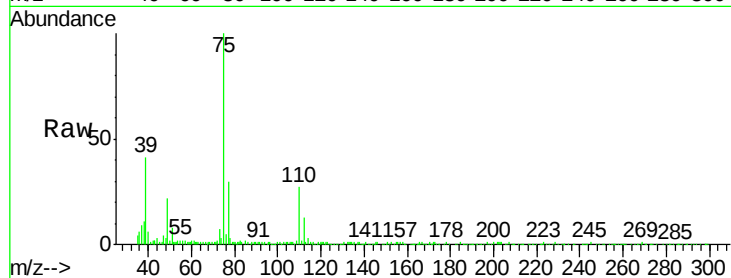
VSTDIC005

Tgt Ion: 75 Resp: 43311

Ion Ratio Lower Upper

75 100

77 29.6 25.8 38.8



#54

cis-1,3-Dichloropropene

Concen: 4.74 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. -0.00 min

Lab File: VX015322.D

Acq: 18 Mar 2020 13:02

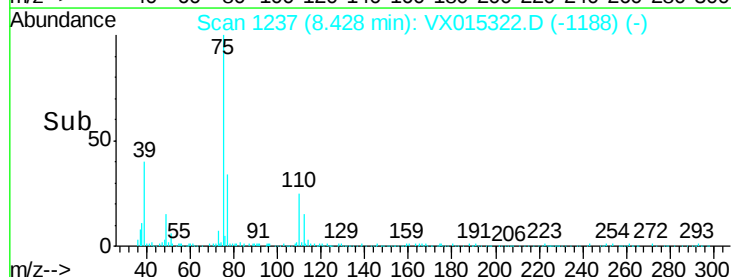
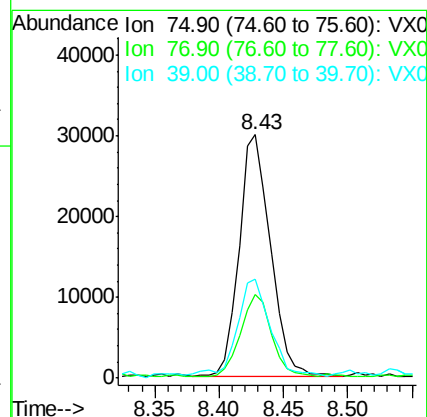
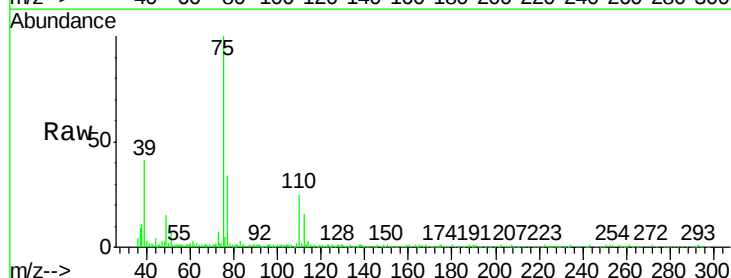
Tgt Ion: 75 Resp: 50506

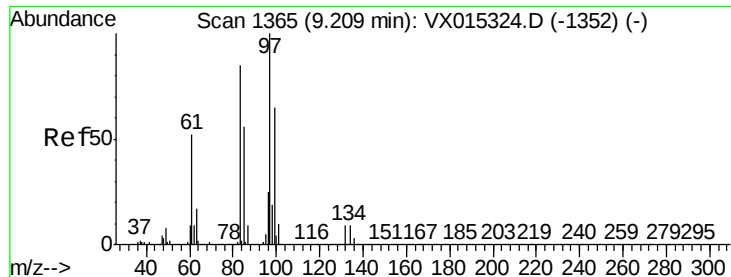
Ion Ratio Lower Upper

75 100

77 33.7 25.7 38.5

39 39.5 30.2 45.2





#55

1,1,2-Trichloroethane

Concen: 5.34 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. -0.00 min

Lab File: VX015322.D

Acq: 18 Mar 2020 13:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 97 Resp: 35991

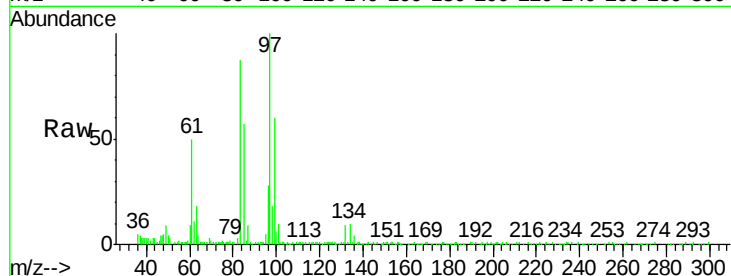
Ion Ratio Lower Upper

97 100

83 87.6 67.7 101.5

85 56.2 44.5 66.7

99 60.2 51.8 77.8

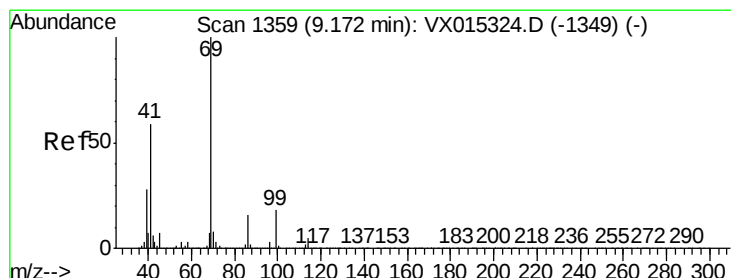
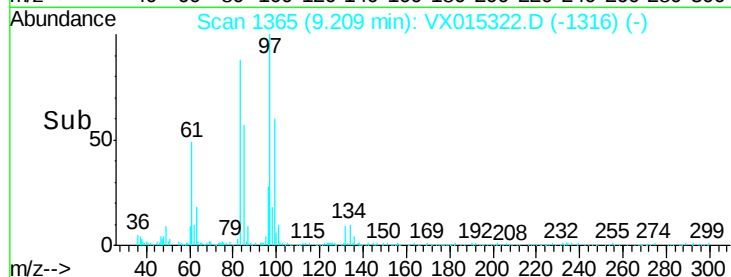
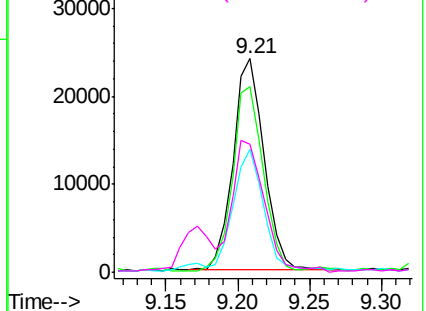


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 4.41 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. -0.00 min

Lab File: VX015322.D

Acq: 18 Mar 2020 13:02

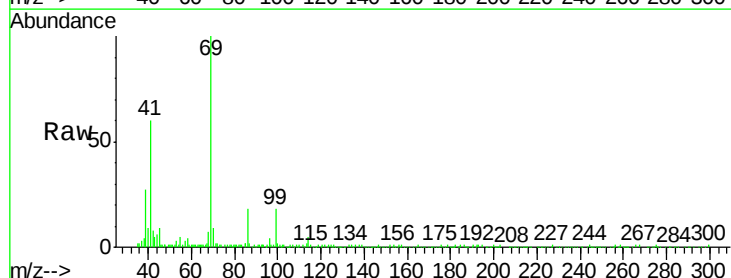
Tgt Ion: 69 Resp: 41908

Ion Ratio Lower Upper

69 100

41 58.7 47.5 71.3

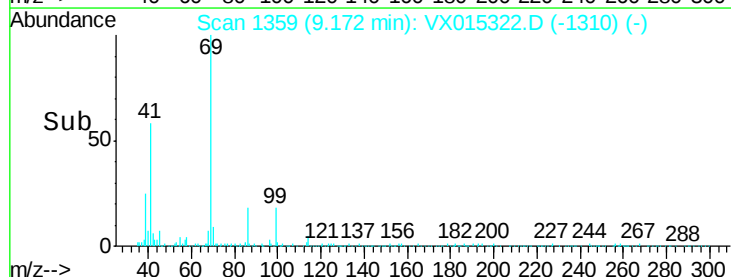
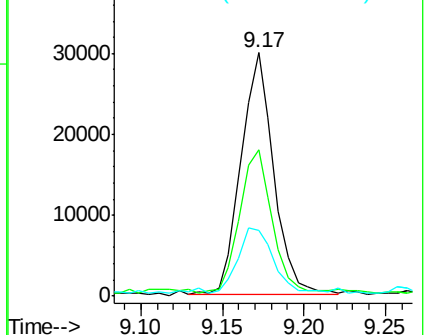
39 31.5 23.0 34.4

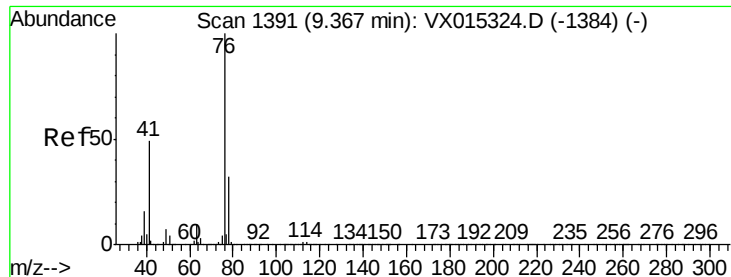


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 5.42 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX015322.D

Acq: 18 Mar 2020 13:02

Instrument :

MSVOA_X

ClientSampleId :

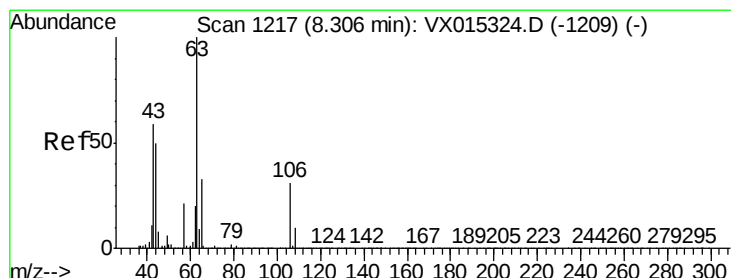
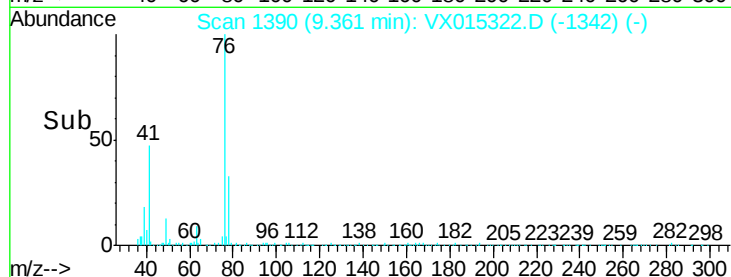
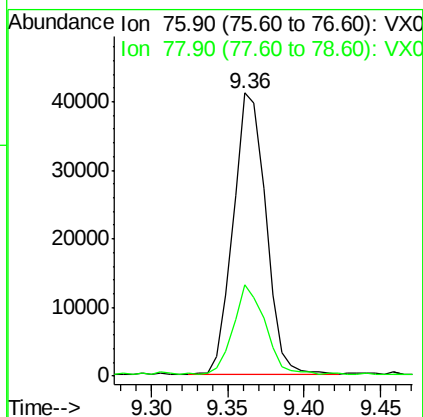
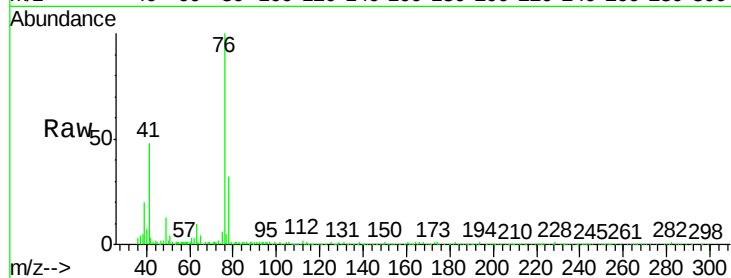
VSTDIC005

Tgt Ion: 76 Resp: 61189

Ion Ratio Lower Upper

76 100

78 31.7 25.5 38.3



#58

2-Chloroethyl Vinyl ether

Concen: 25.75 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX015322.D

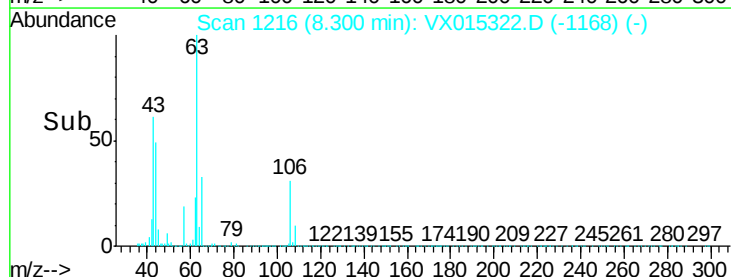
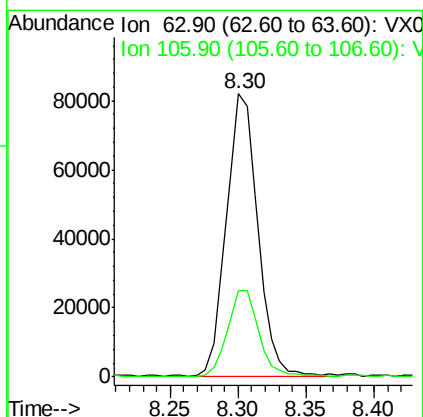
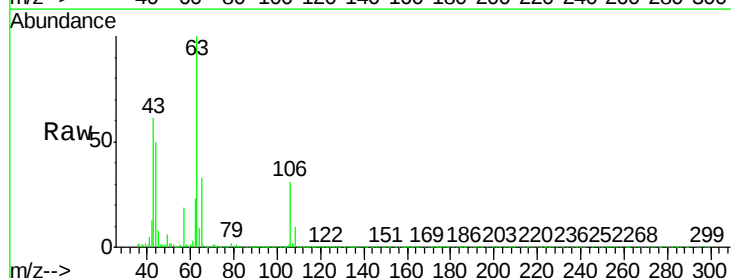
Acq: 18 Mar 2020 13:02

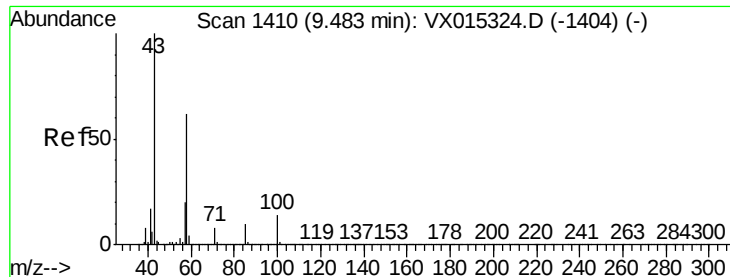
Tgt Ion: 63 Resp: 132993

Ion Ratio Lower Upper

63 100

106 30.0 24.3 36.5

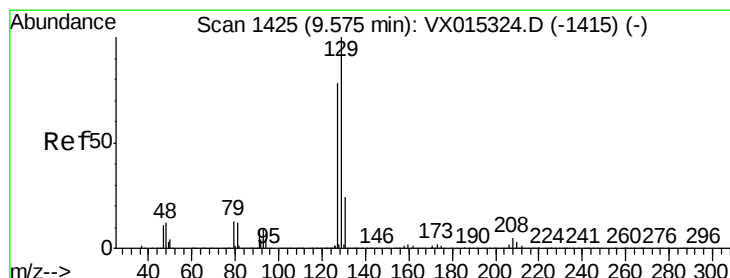
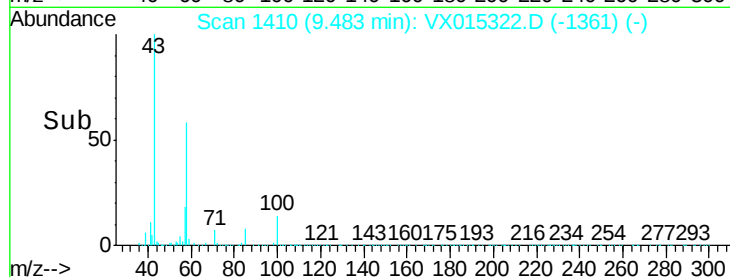
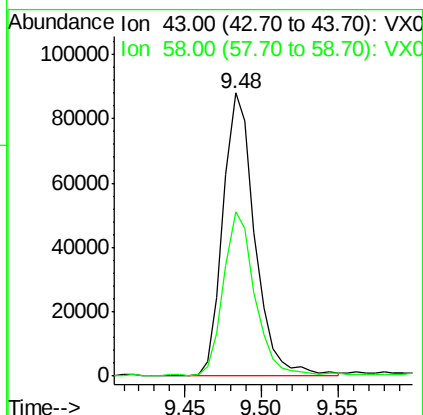
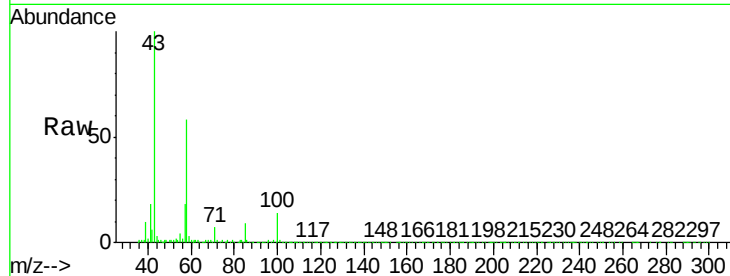




#59
2-Hexanone
Concen: 20.35 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX015322.D
Acq: 18 Mar 2020 13:02

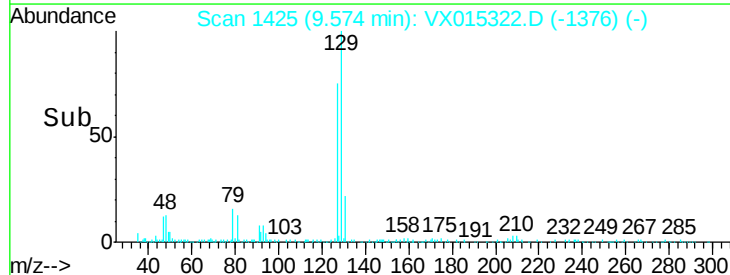
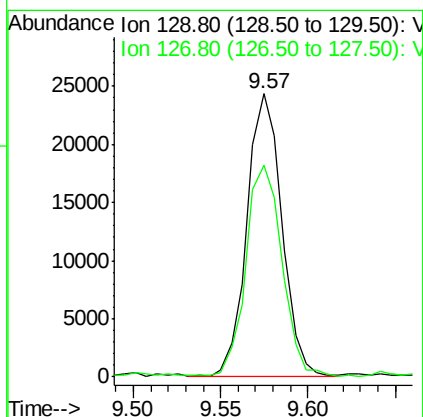
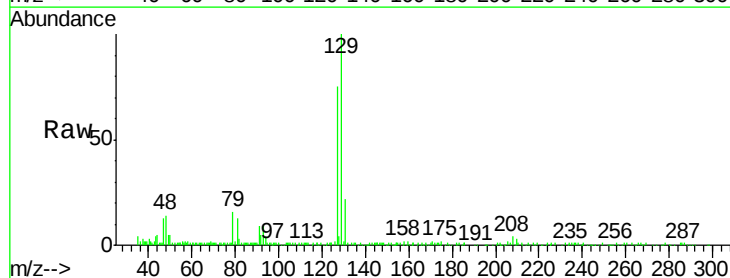
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

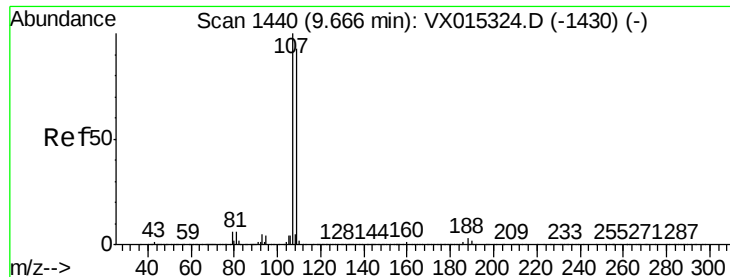
Tgt Ion: 43 Resp: 127594
Ion Ratio Lower Upper
43 100
58 56.8 30.3 90.8



#60
Dibromochloromethane
Concen: 4.78 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.00 min
Lab File: VX015322.D
Acq: 18 Mar 2020 13:02

Tgt Ion: 129 Resp: 33594
Ion Ratio Lower Upper
129 100
127 78.6 39.3 117.9

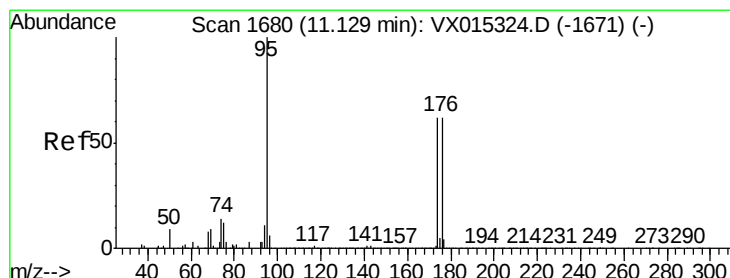
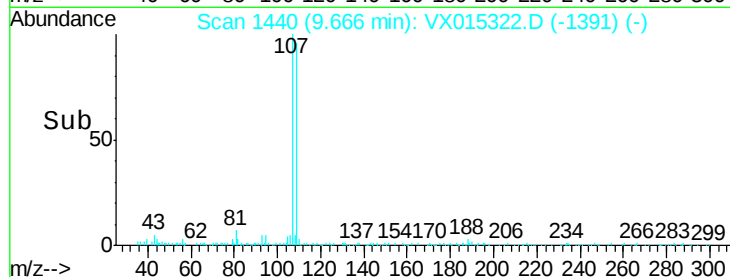
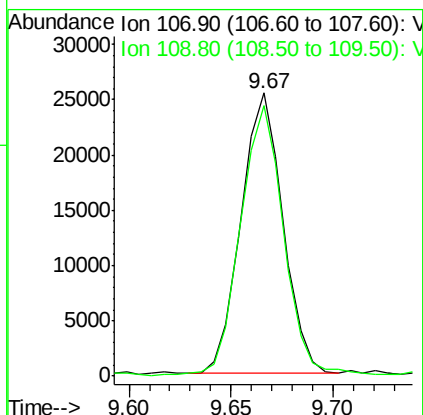
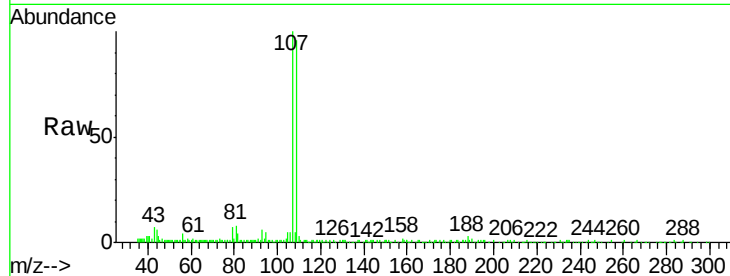




#61
 1,2-Dibromoethane
 Concen: 5.08 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. -0.00 min
 Lab File: VX015322.D
 Acq: 18 Mar 2020 13:02

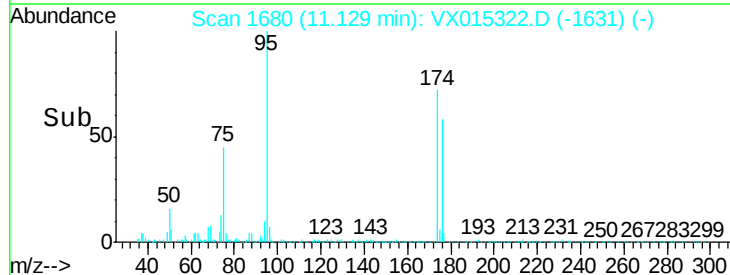
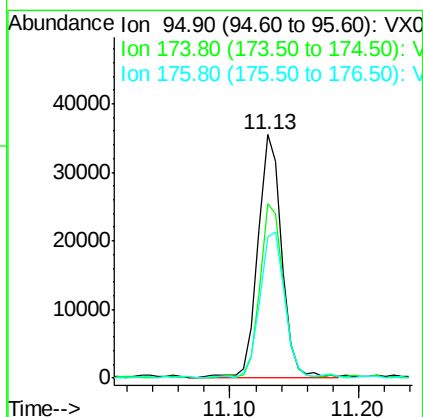
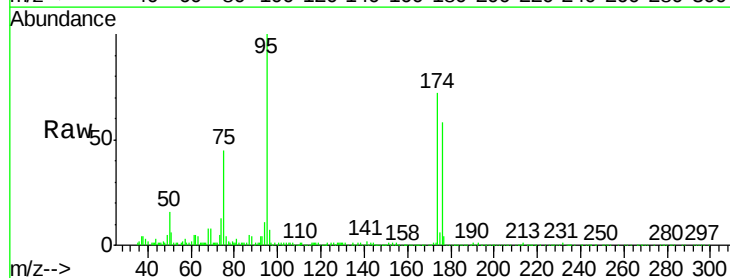
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

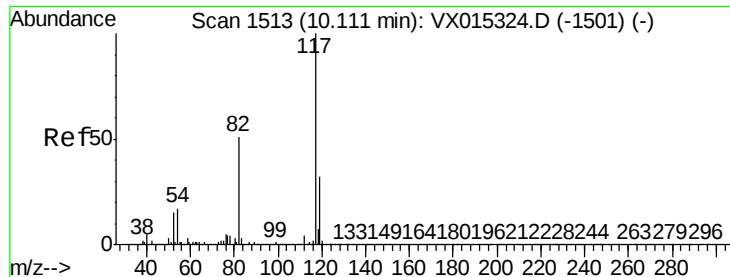
Tgt Ion: 107 Resp: 36135
 Ion Ratio Lower Upper
 107 100
 109 101.0 75.1 112.7



#62
 4-Bromofluorobenzene
 Concen: 5.28 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. -0.00 min
 Lab File: VX015322.D
 Acq: 18 Mar 2020 13:02

Tgt Ion: 95 Resp: 44442
 Ion Ratio Lower Upper
 95 100
 174 71.8 0.0 145.6
 176 64.2 0.0 141.6

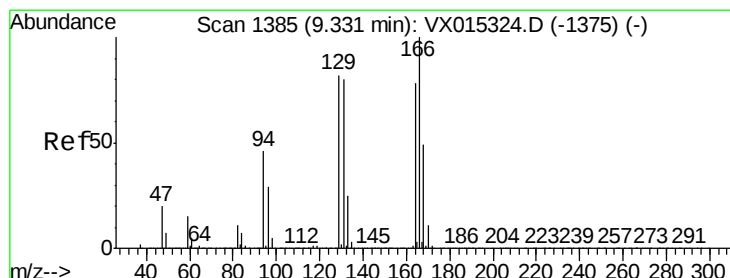
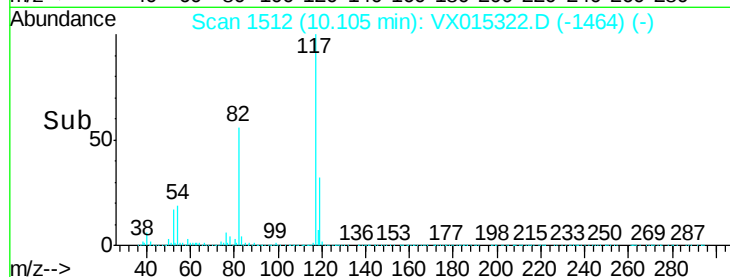
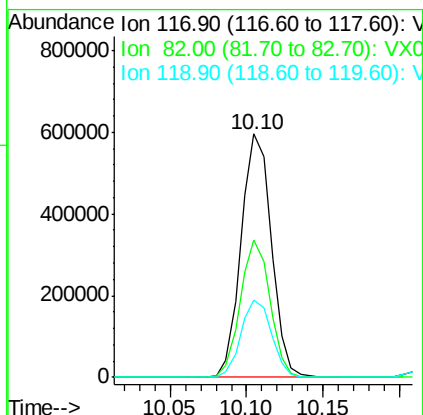
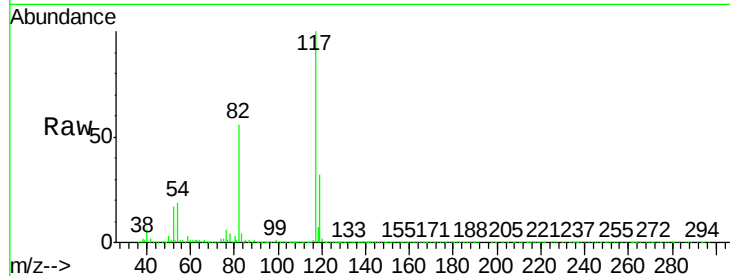




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX015322.D
Acq: 18 Mar 2020 13:02

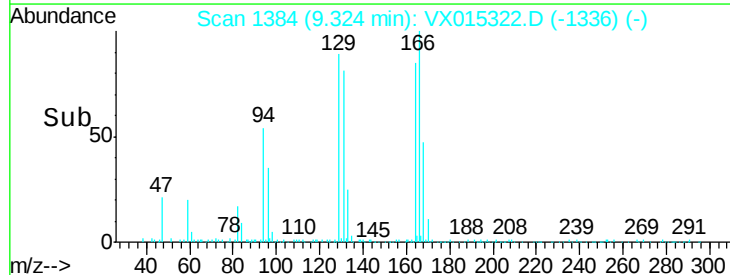
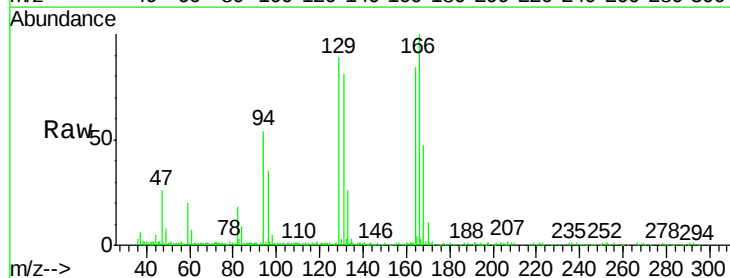
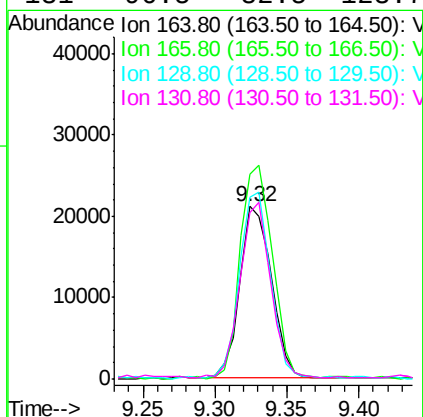
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

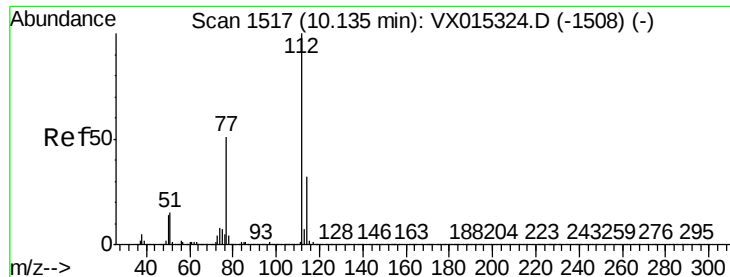
Tgt Ion	Ratio	Lower	Upper
117	100		
82	56.2	40.6	60.8
119	31.7	25.4	38.2



#64
Tetrachloroethene
Concen: 4.86 ug/l
RT: 9.32 min Scan# 1384
Delta R.T. -0.01 min
Lab File: VX015322.D
Acq: 18 Mar 2020 13:02

Tgt Ion	Ratio	Lower	Upper
164	100		
166	118.3	102.6	153.8
129	105.4	84.5	126.7
131	96.5	82.5	123.7





#65

Chlorobenzene

Concen: 5.57 ug/l

RT: 10.13 min Scan# 1516

Delta R.T. -0.01 min

Lab File: VX015322.D

Acq: 18 Mar 2020 13:02

Instrument :

MSVOA_X

ClientSampleId :

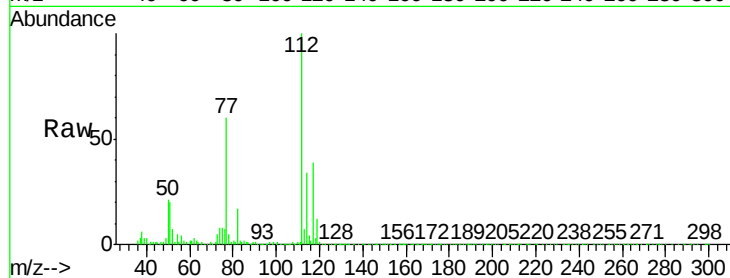
VSTDIC005

Tgt Ion:112 Resp: 92842

Ion Ratio Lower Upper

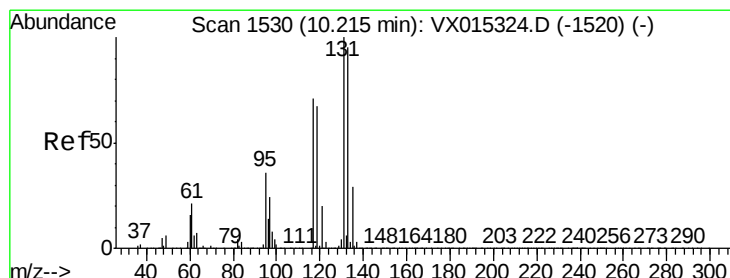
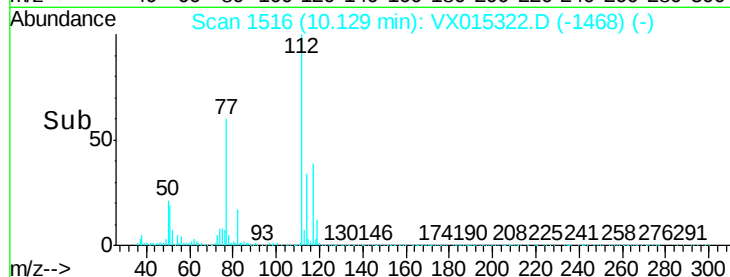
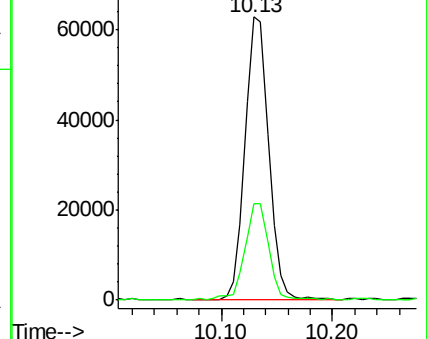
112 100

114 33.9 25.6 38.4



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 5.60 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX015322.D

Acq: 18 Mar 2020 13:02

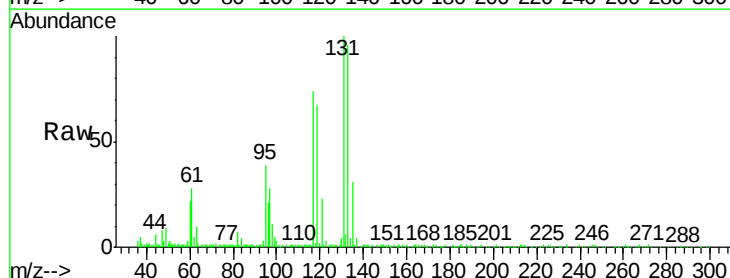
Tgt Ion:131 Resp: 34819

Ion Ratio Lower Upper

131 100

133 94.6 48.1 144.4

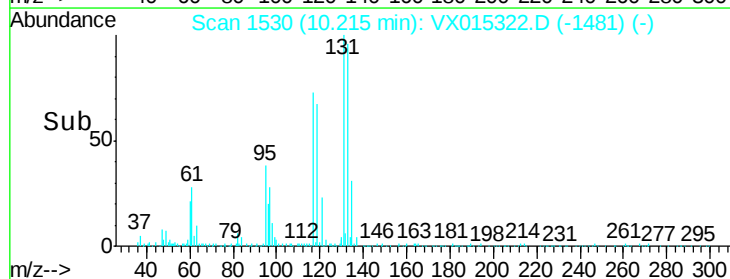
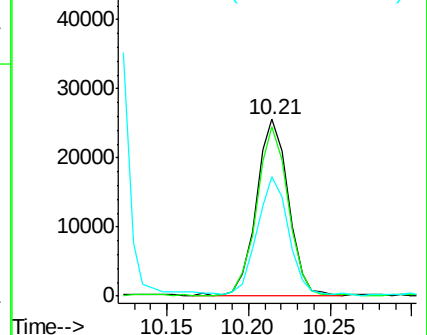
119 68.4 33.8 101.3

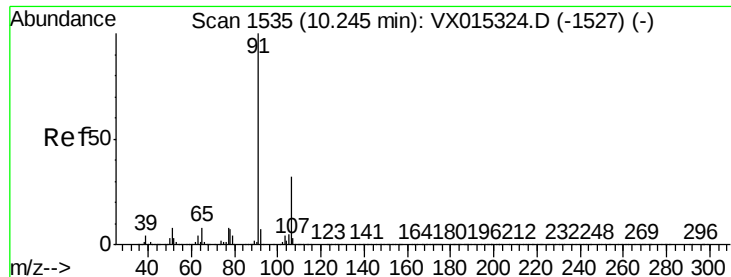


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 5.93 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX015322.D

Acq: 18 Mar 2020 13:02

Instrument :

MSVOA_X

ClientSampleId :

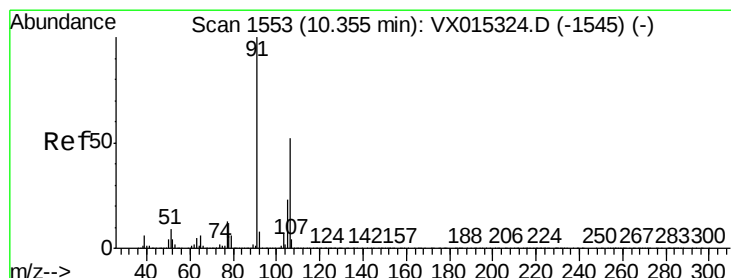
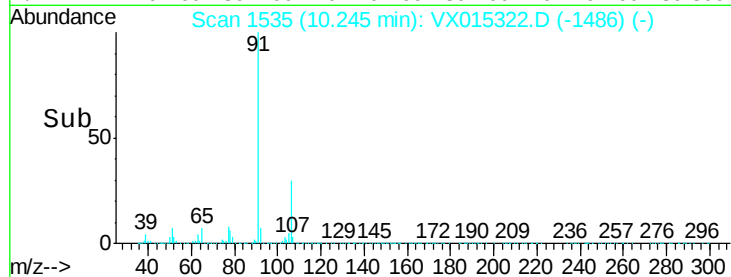
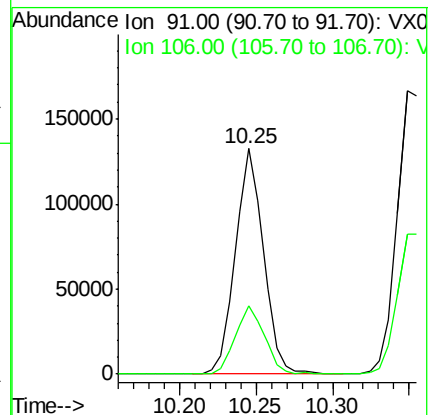
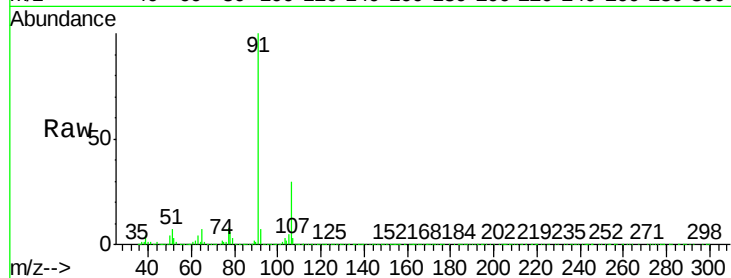
VSTDIC005

Tgt Ion: 91 Resp: 167568

Ion Ratio Lower Upper

91 100

106 30.2 25.8 38.6



#68

m/p-Xylenes

Concen: 11.28 ug/l

RT: 10.35 min Scan# 1552

Delta R.T. -0.01 min

Lab File: VX015322.D

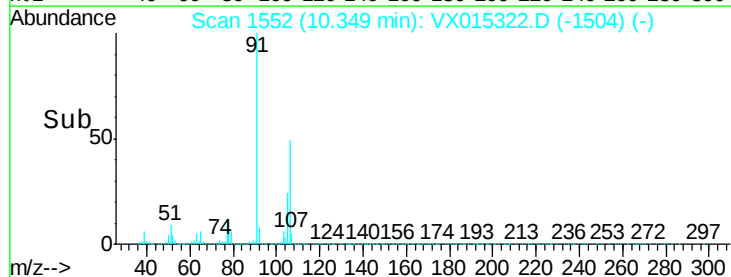
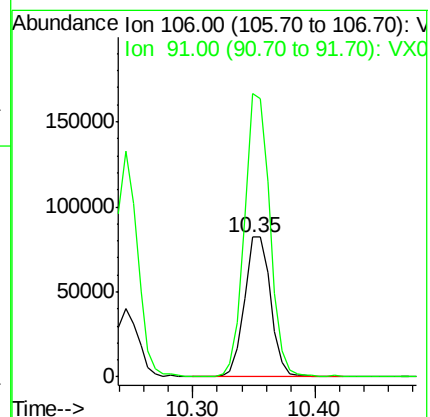
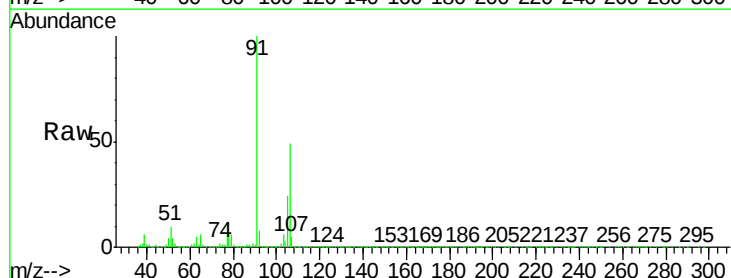
Acq: 18 Mar 2020 13:02

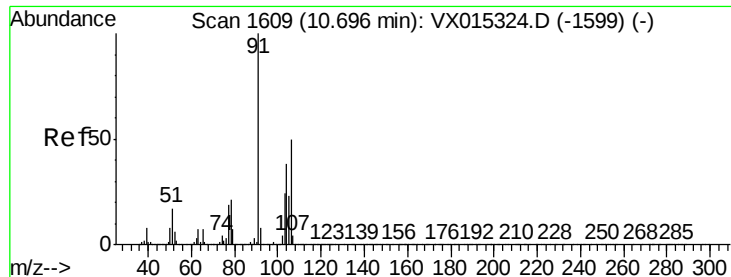
Tgt Ion: 106 Resp: 121491

Ion Ratio Lower Upper

106 100

91 195.6 155.1 232.7

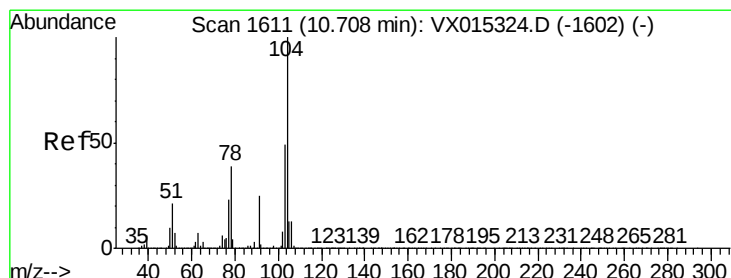
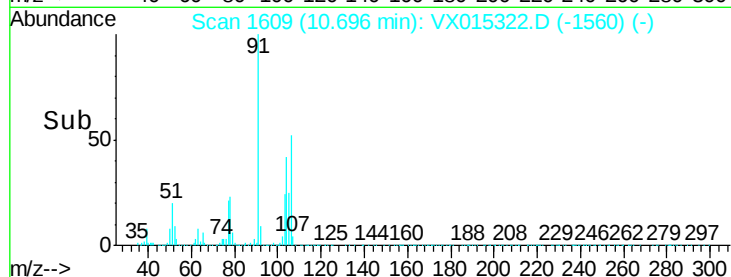
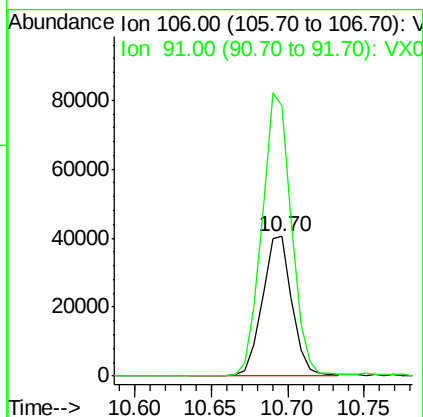
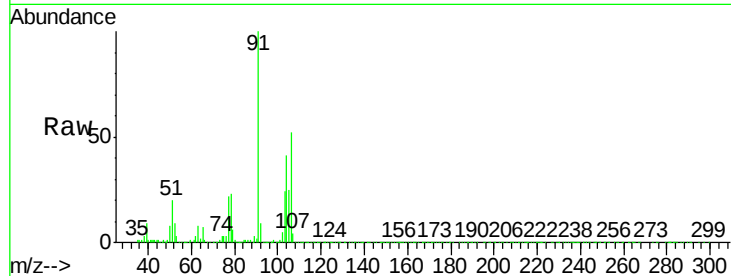




#69
o-Xylene
Concen: 5.28 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX015322.D
Acq: 18 Mar 2020 13:02

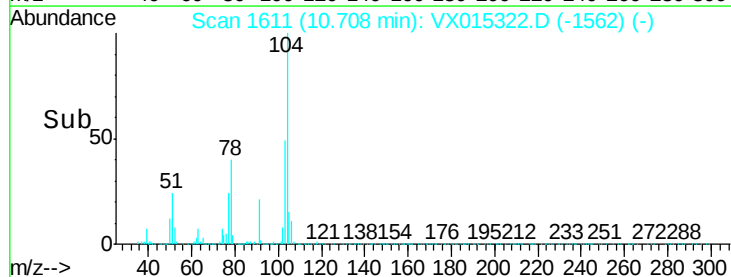
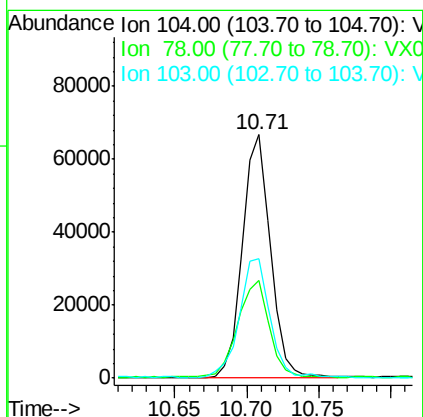
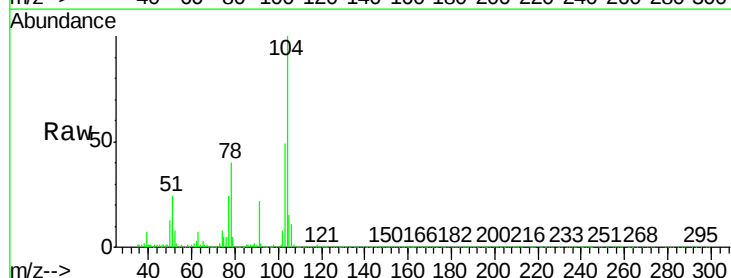
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

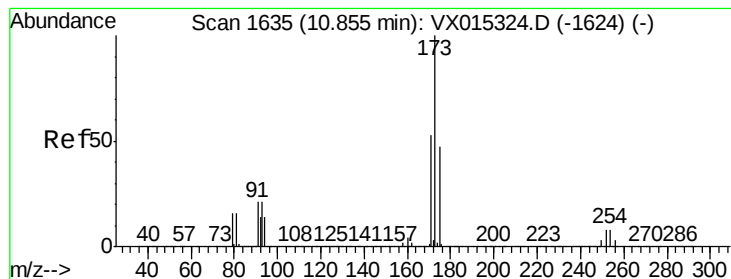
Tgt Ion:106 Resp: 54490
Ion Ratio Lower Upper
106 100
91 201.2 102.3 306.9



#70
Styrene
Concen: 5.08 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX015322.D
Acq: 18 Mar 2020 13:02

Tgt Ion:104 Resp: 89887
Ion Ratio Lower Upper
104 100
78 45.5 36.0 54.0
103 53.8 43.4 65.0





#71

Bromoform

Concen: 4.12 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. -0.01 min

Lab File: VX015322.D

Acq: 18 Mar 2020 13:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

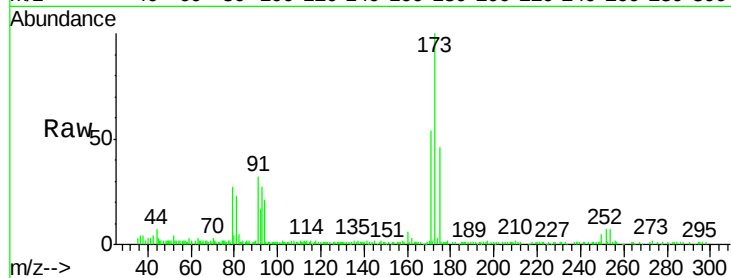
Tgt Ion:173 Resp: 19527

Ion Ratio Lower Upper

173 100

175 45.2 23.4 70.2

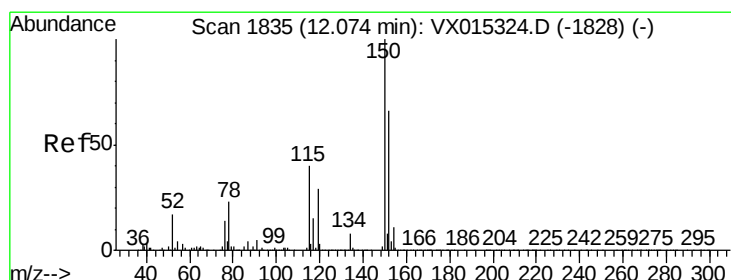
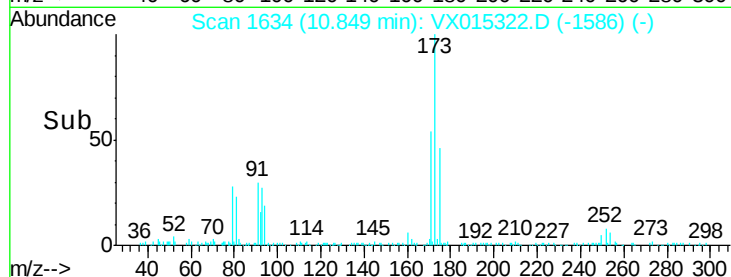
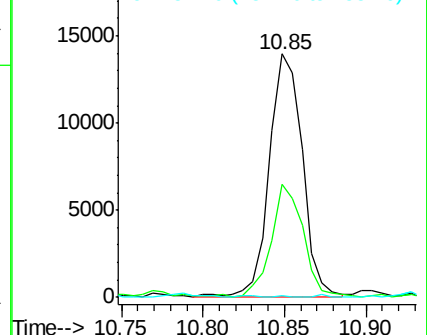
254 0.4 0.2 0.2#



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: VX015322.D

Acq: 18 Mar 2020 13:02

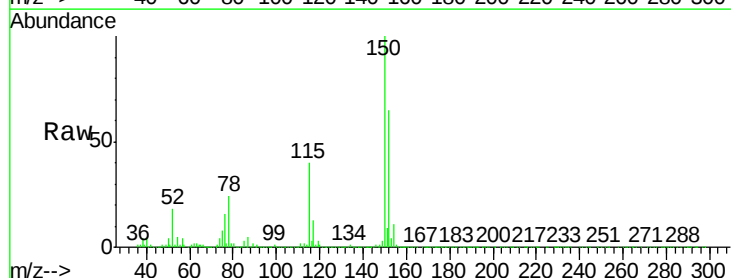
Tgt Ion:152 Resp: 381412

Ion Ratio Lower Upper

152 100

115 65.9 41.9 125.8

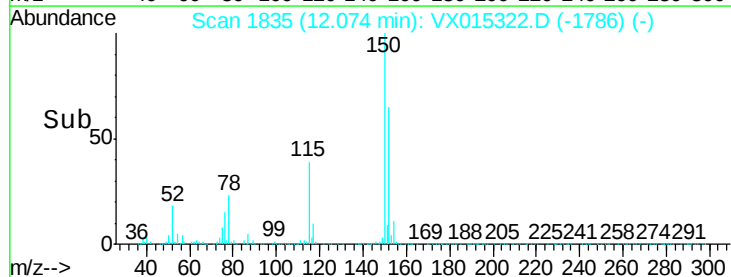
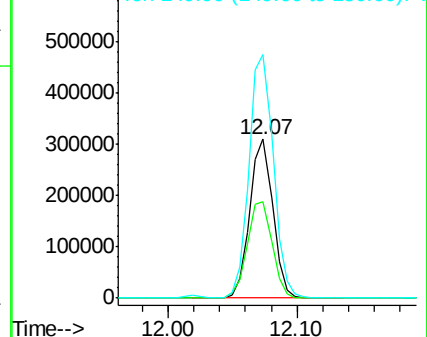
150 160.5 0.0 347.6

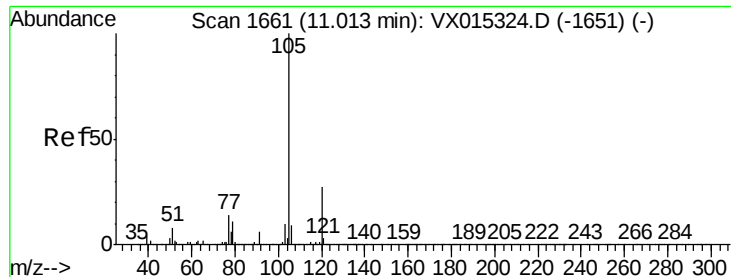


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 6.25 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX015322.D

Acq: 18 Mar 2020 13:02

Instrument :

MSVOA_X

ClientSampleId :

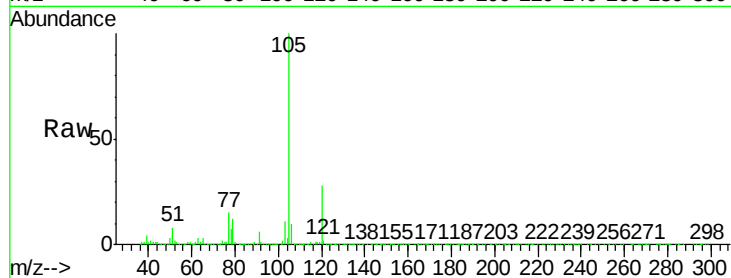
VSTDIC005

Tgt Ion:105 Resp: 155728

Ion Ratio Lower Upper

105 100

120 26.8 13.9 41.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

150000

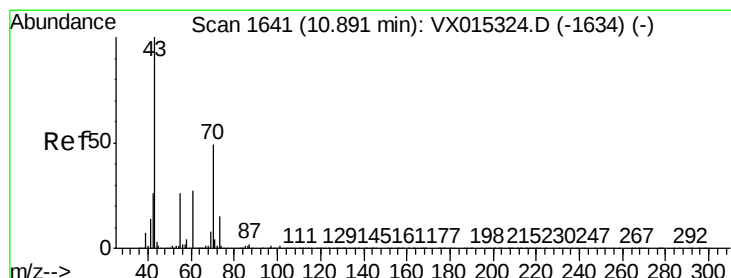
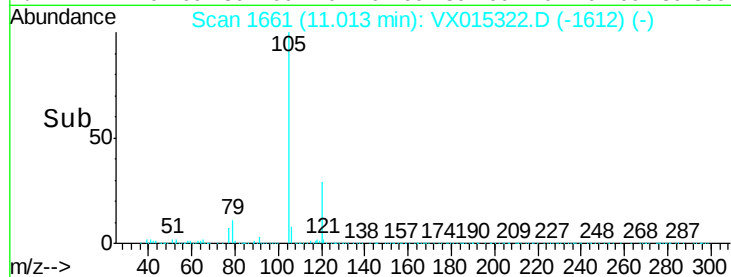
11.01

100000

50000

0

Time--> 10.90



#74

N-ethyl acetate

Concen: 4.53 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX015322.D

Acq: 18 Mar 2020 13:02

Tgt Ion: 43 Resp: 46077

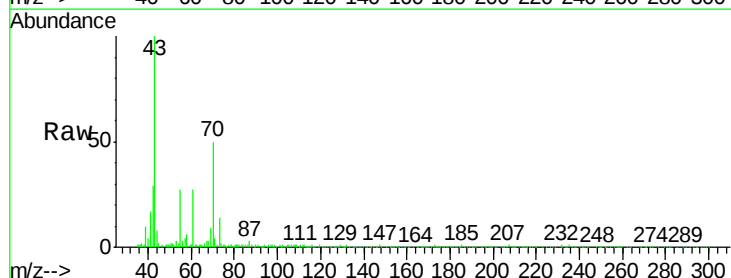
Ion Ratio Lower Upper

43 100

70 50.6 38.6 58.0

55 27.4 21.2 31.8

61 30.0 21.3 31.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

50000

40000

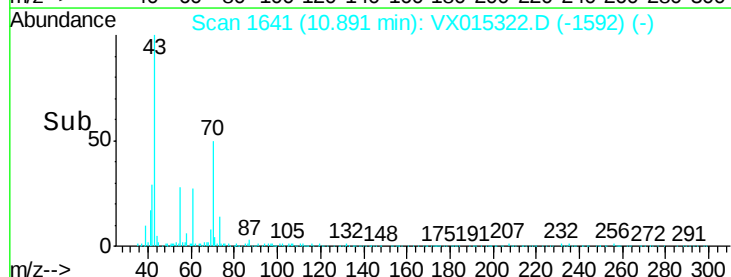
30000

20000

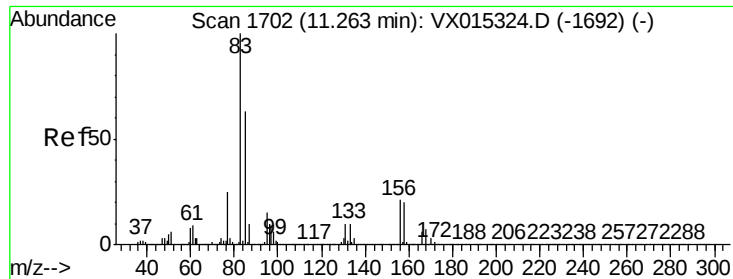
10000

0

Time--> 10.80



Time--> 10.85



#75

1,1,2,2-Tetrachloroethane

Concen: 5.71 ug/l

RT: 11.26 min Scan# 1701

Delta R.T. -0.01 min

Lab File: VX015322.D

Acq: 18 Mar 2020 13:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

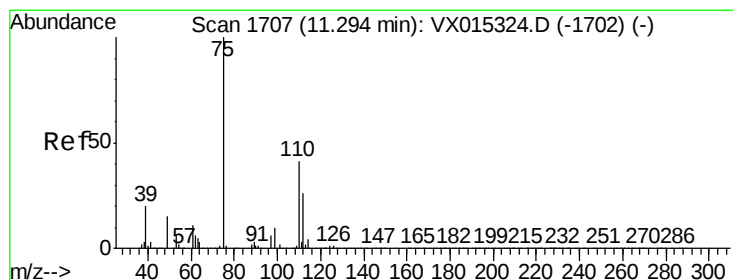
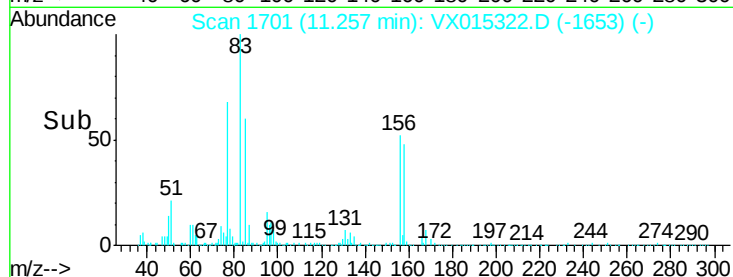
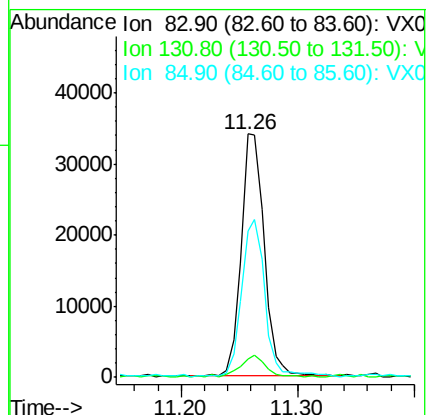
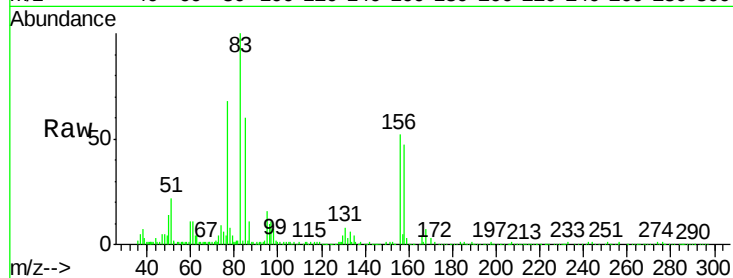
Tgt Ion: 83 Resp: 47153

Ion Ratio Lower Upper

83 100

131 9.7 5.1 15.2

85 65.5 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 6.97 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX015322.D

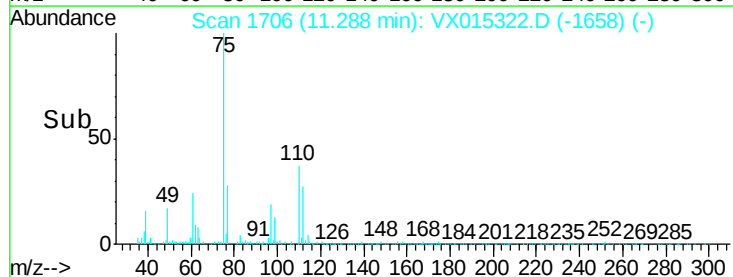
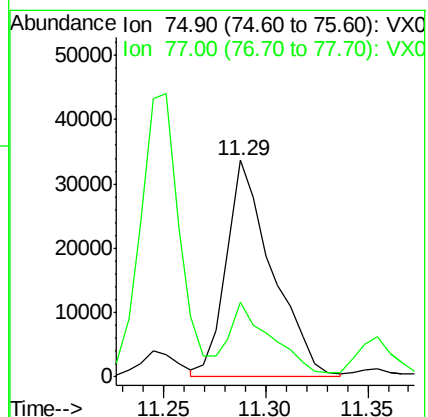
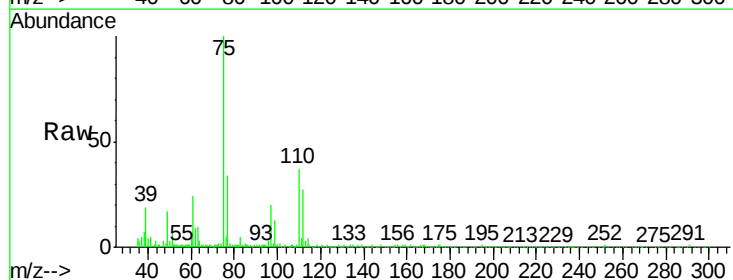
Acq: 18 Mar 2020 13:02

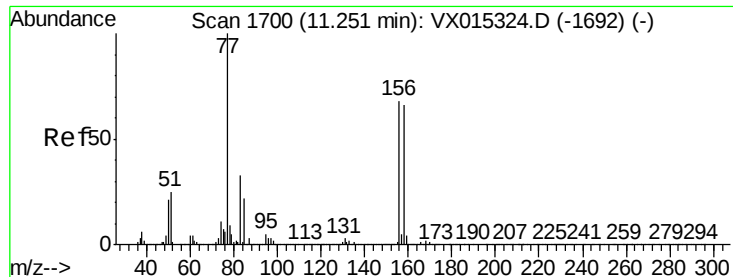
Tgt Ion: 75 Resp: 52247

Ion Ratio Lower Upper

75 100

77 30.2 21.2 63.6





#77

Bromobenzene

Concen: 5.06 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX015322.D

Acq: 18 Mar 2020 13:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

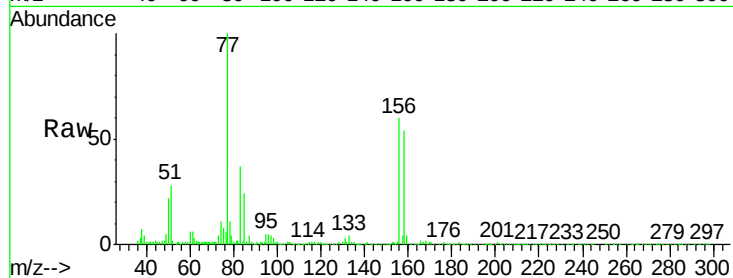
Tgt Ion: 156 Resp: 34562

Ion Ratio Lower Upper

156 100

77 165.1 81.4 244.2

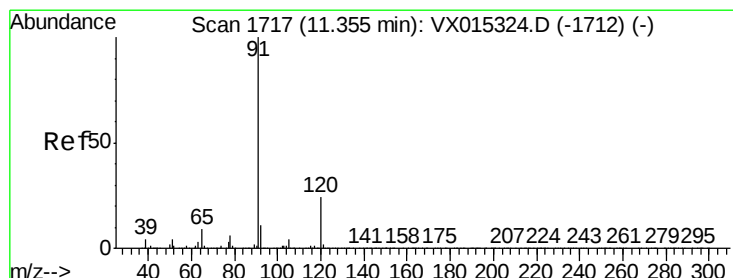
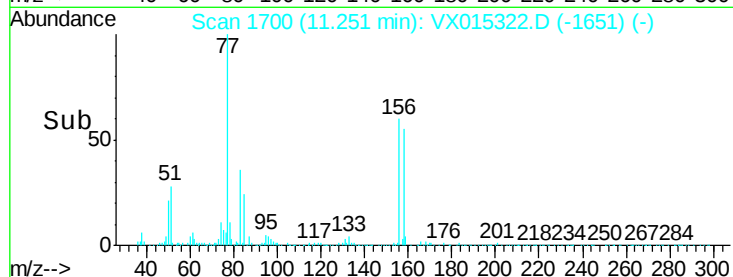
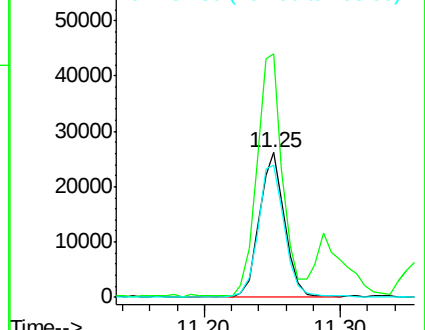
158 96.0 48.6 145.9



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: 6.30 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX015322.D

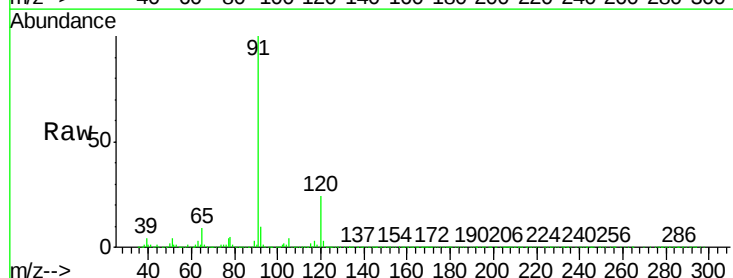
Acq: 18 Mar 2020 13:02

Tgt Ion: 91 Resp: 177967

Ion Ratio Lower Upper

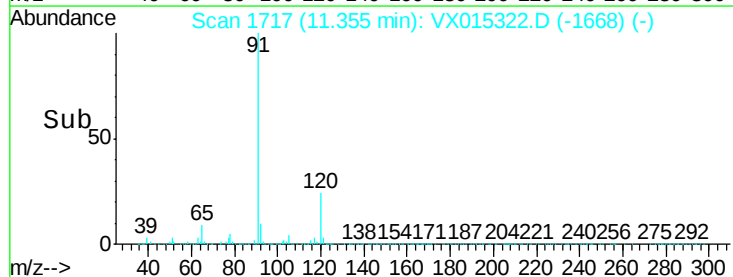
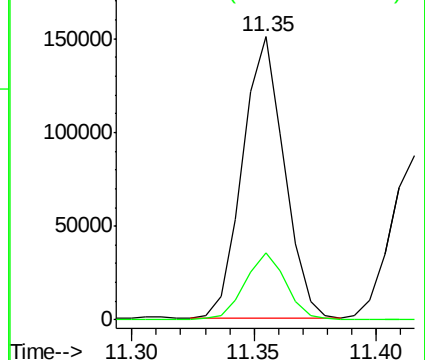
91 100

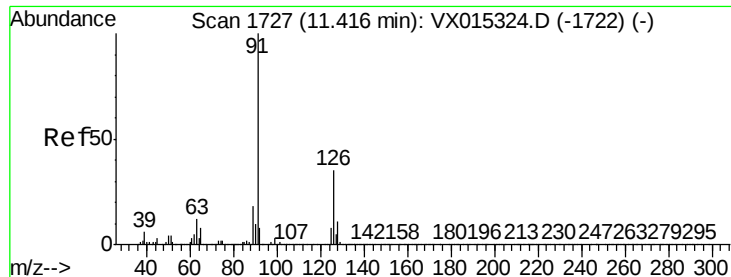
120 23.4 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 6.43 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX015322.D

Acq: 18 Mar 2020 13:02

Instrument :

MSVOA_X

ClientSampleId :

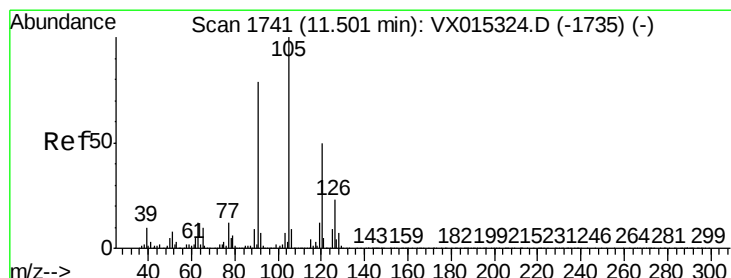
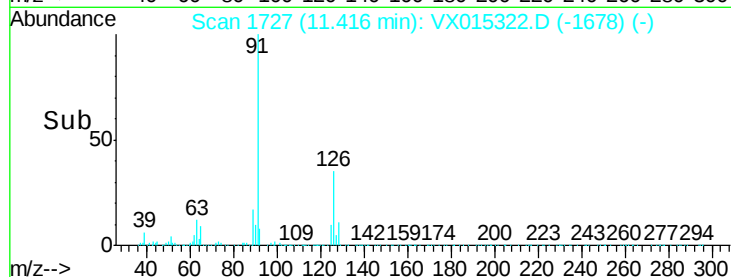
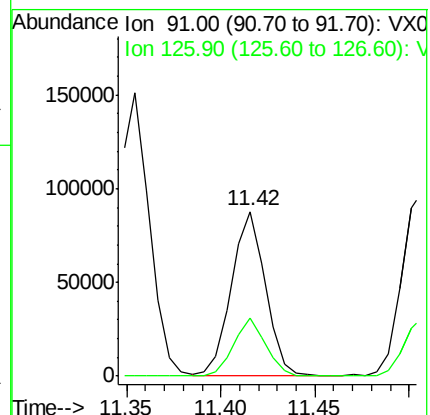
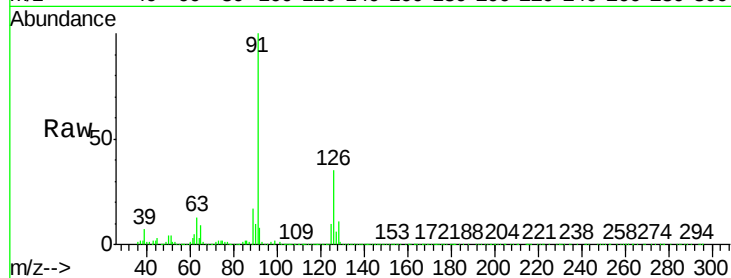
VSTDIC005

Tgt Ion: 91 Resp: 108714

Ion Ratio Lower Upper

91 100

126 33.7 17.2 51.6



#80

1,3,5-Trimethylbenzene

Concen: 6.19 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX015322.D

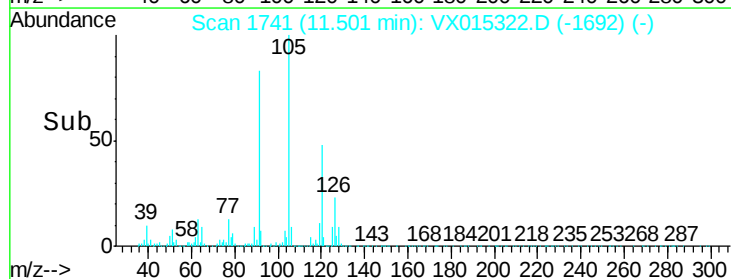
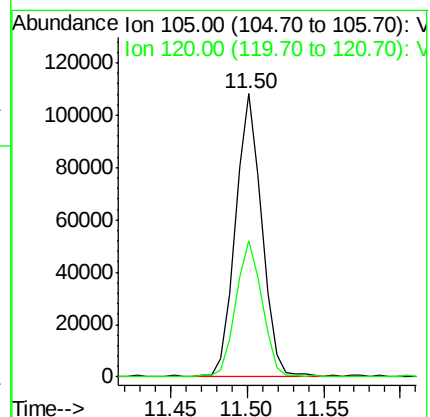
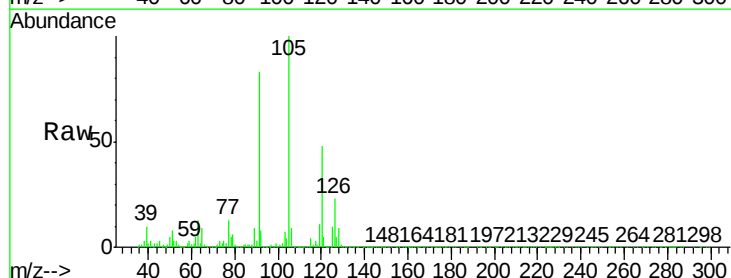
Acq: 18 Mar 2020 13:02

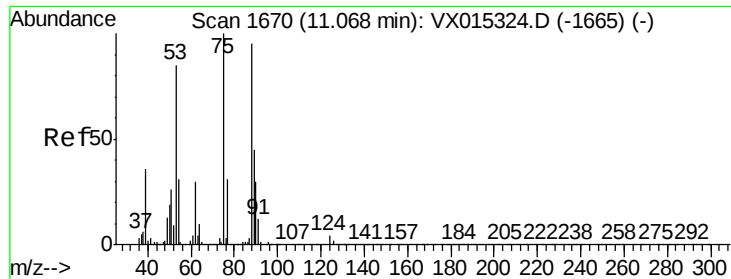
Tgt Ion: 105 Resp: 127635

Ion Ratio Lower Upper

105 100

120 48.1 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 4.67 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX015322.D

Acq: 18 Mar 2020 13:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

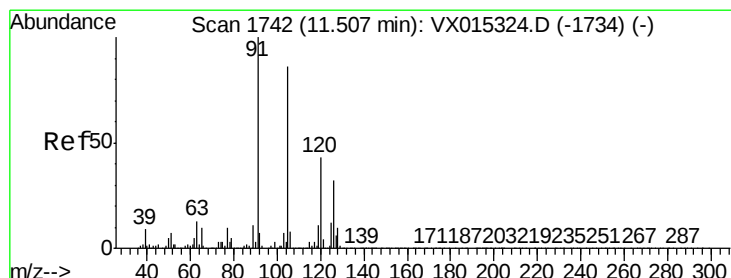
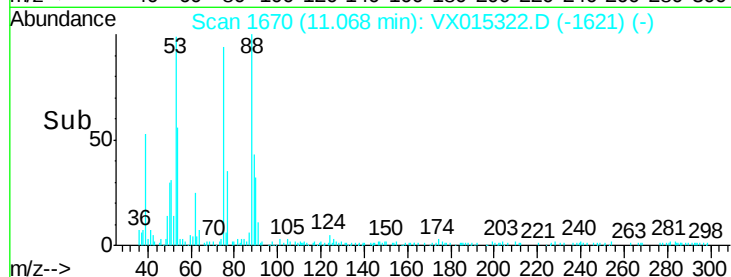
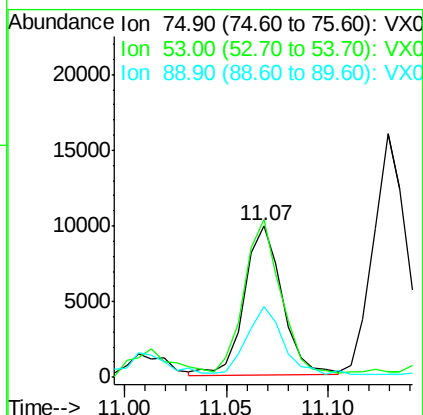
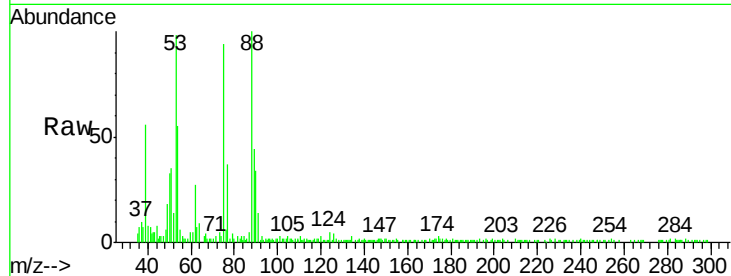
Tgt Ion: 75 Resp: 12763

Ion Ratio Lower Upper

75 100

53 100.0 68.0 102.0

89 43.0 37.1 55.7



#82

4-Chlorotoluene

Concen: 6.19 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX015322.D

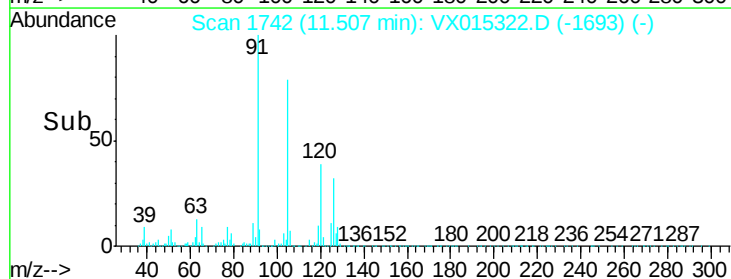
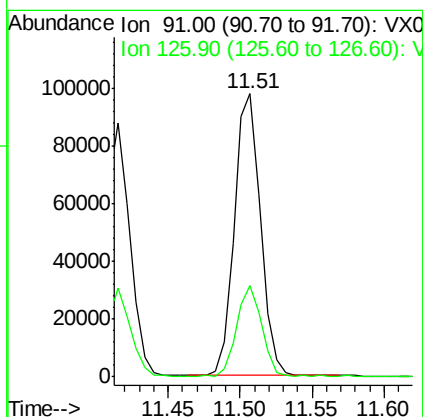
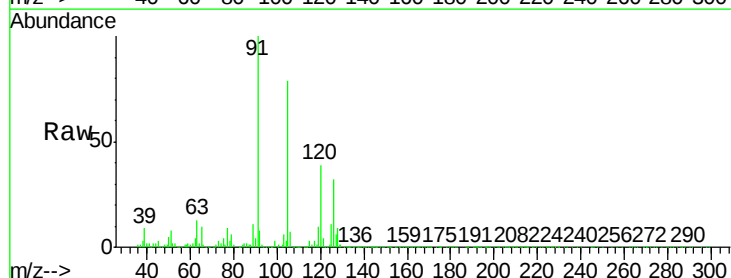
Acq: 18 Mar 2020 13:02

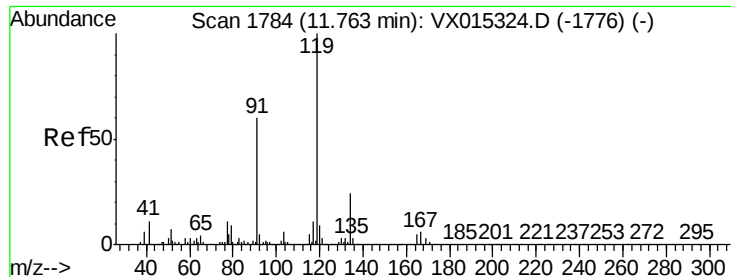
Tgt Ion: 91 Resp: 123649

Ion Ratio Lower Upper

91 100

126 31.0 15.4 46.2





#83

tert-Butylbenzene

Concen: 6.11 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. -0.00 min

Lab File: VX015322.D

Acq: 18 Mar 2020 13:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

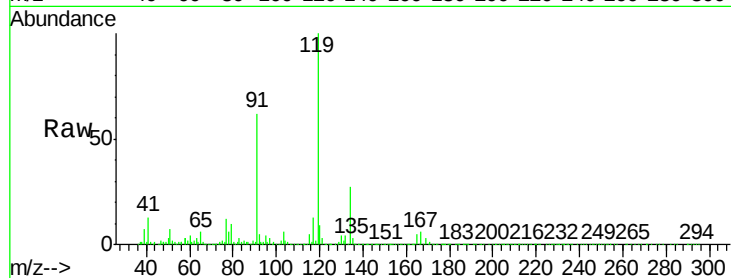
Tgt Ion:119 Resp: 121926

Ion Ratio Lower Upper

119 100

91 57.8 28.1 84.4

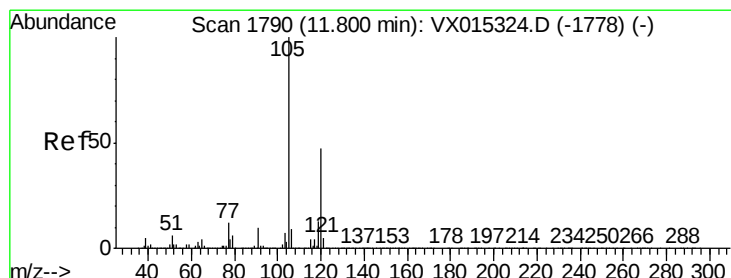
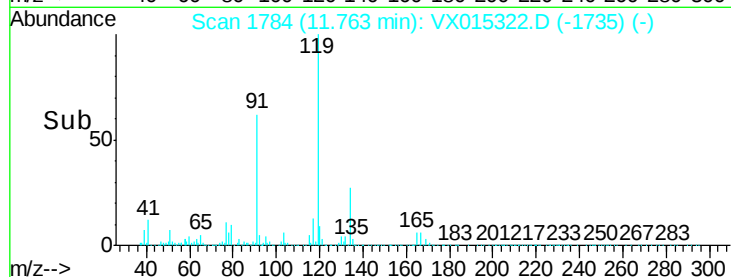
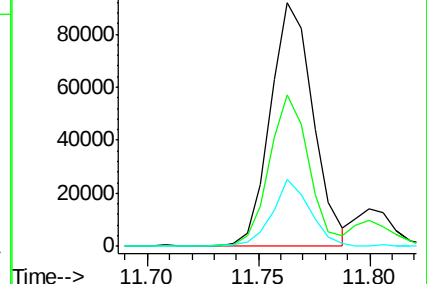
134 24.5 11.6 34.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 6.20 ug/l

RT: 11.80 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX015322.D

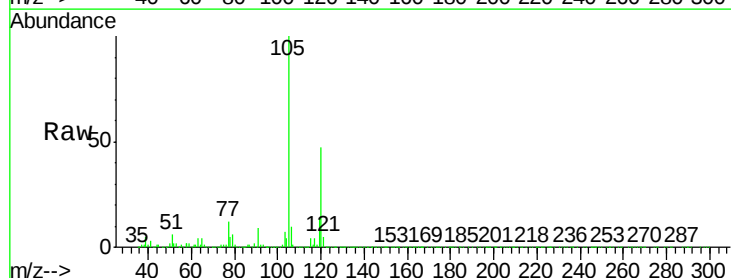
Acq: 18 Mar 2020 13:02

Tgt Ion:105 Resp: 129502

Ion Ratio Lower Upper

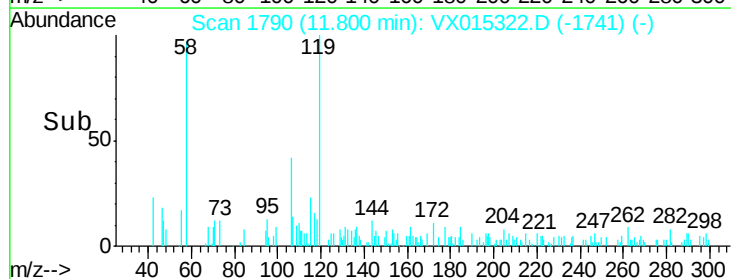
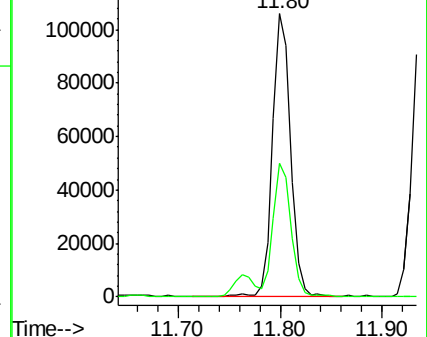
105 100

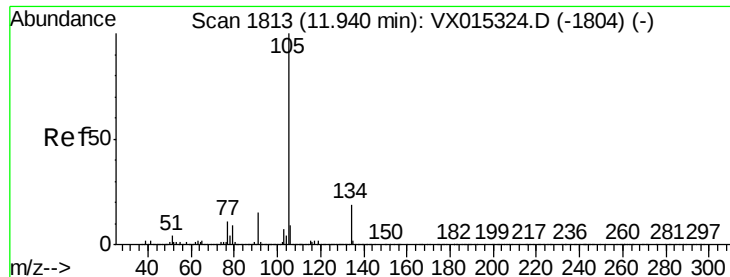
120 46.4 23.1 69.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

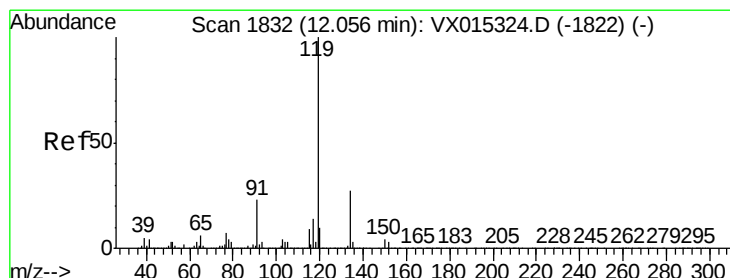
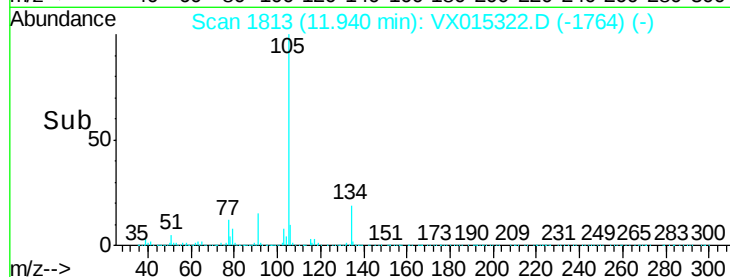
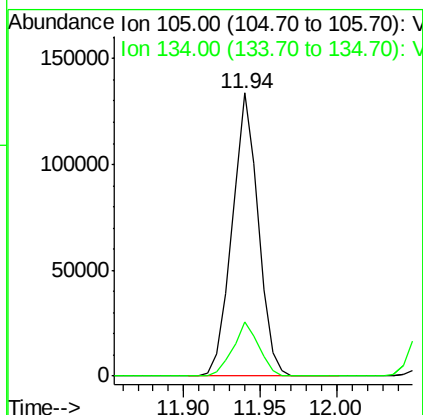
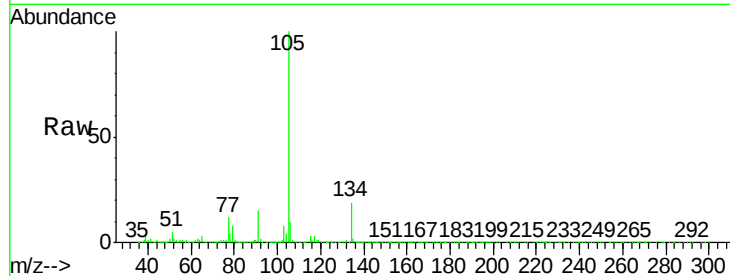




#85
 sec-Butylbenzene
 Concen: 6.44 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: VX015322.D
 Acq: 18 Mar 2020 13:02

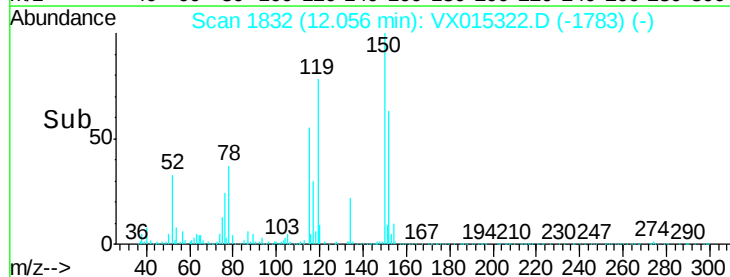
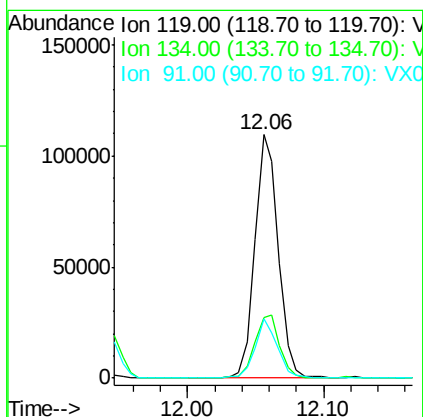
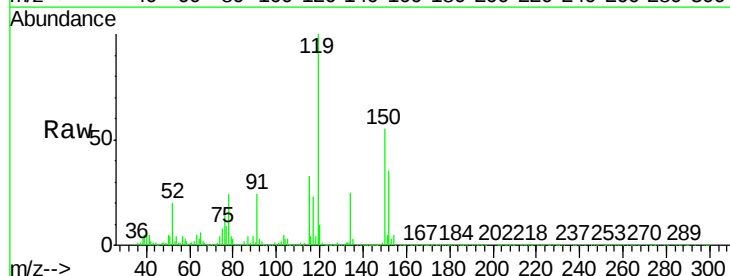
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

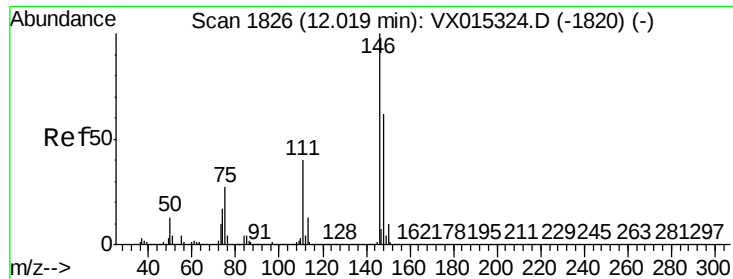
Tgt Ion:105 Resp: 156619
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.8 29.5



#86
 p-Isopropyltoluene
 Concen: 5.94 ug/l
 RT: 12.06 min Scan# 1832
 Delta R.T. -0.00 min
 Lab File: VX015322.D
 Acq: 18 Mar 2020 13:02

Tgt Ion:119 Resp: 132364
 Ion Ratio Lower Upper
 119 100
 134 27.4 13.2 39.6
 91 23.4 11.0 33.0

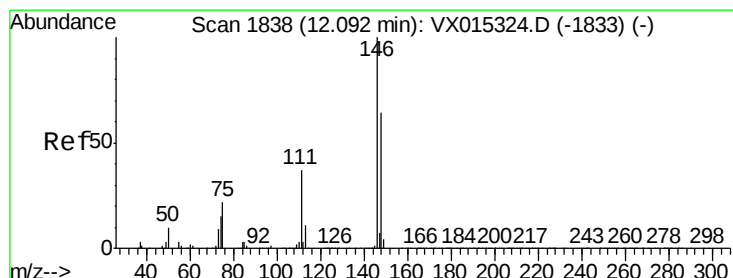
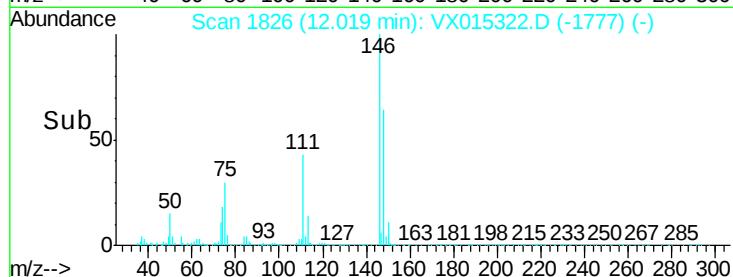
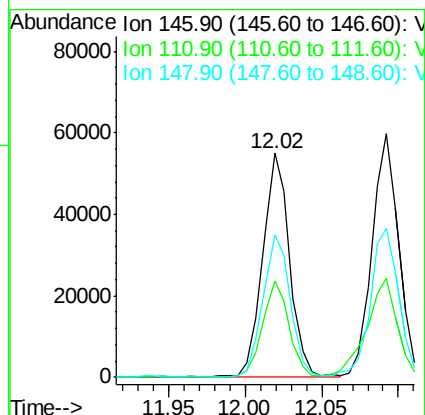
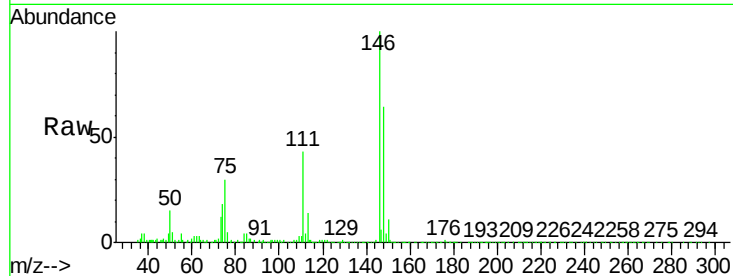




#87
 1,3-Dichlorobenzene
 Concen: 5.56 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX015322.D
 Acq: 18 Mar 2020 13:02

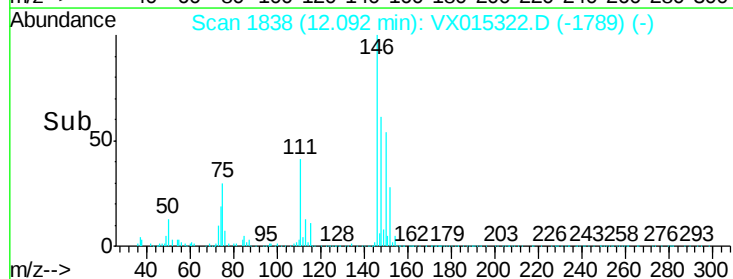
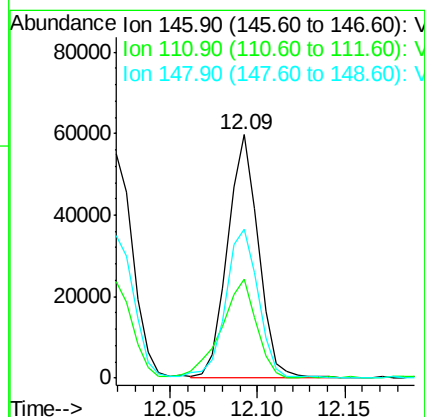
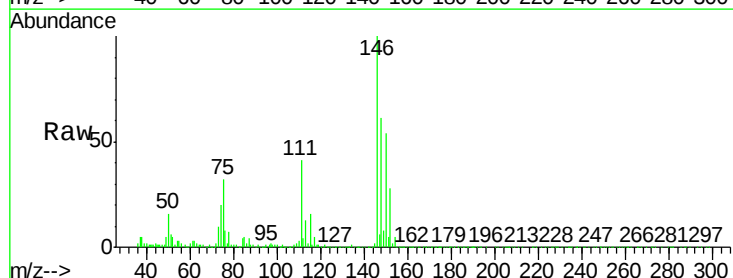
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

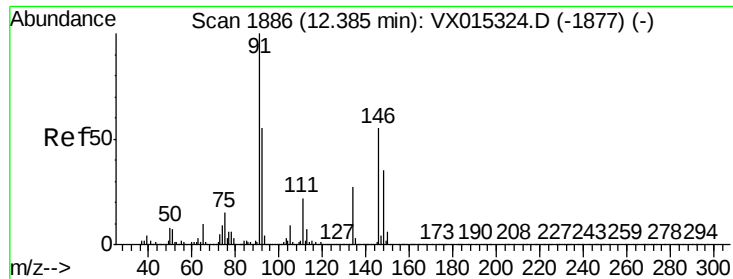
Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.1	20.3	61.0
148	64.9	31.4	94.3



#88
 1,4-Dichlorobenzene
 Concen: 5.83 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX015322.D
 Acq: 18 Mar 2020 13:02

Tgt Ion	Ratio	Lower	Upper
146	100		
111	46.2	19.7	59.1
148	65.6	32.0	96.0

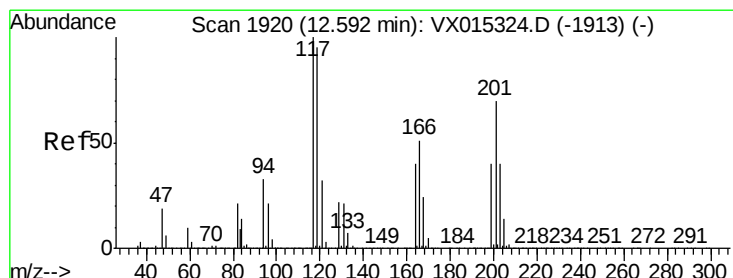
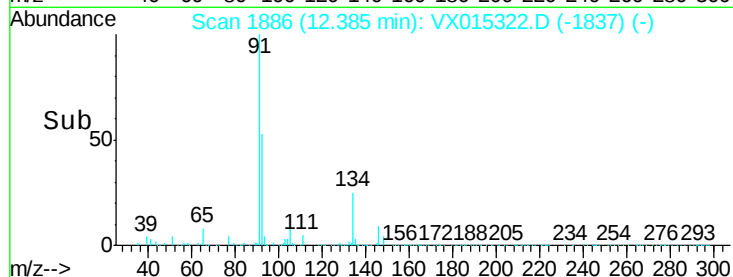
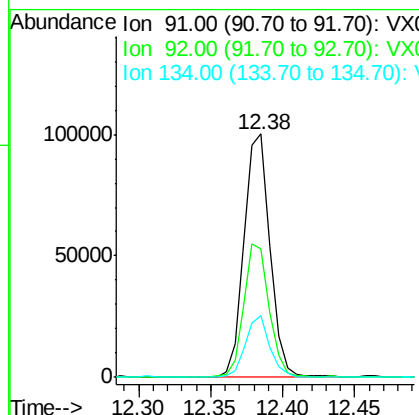
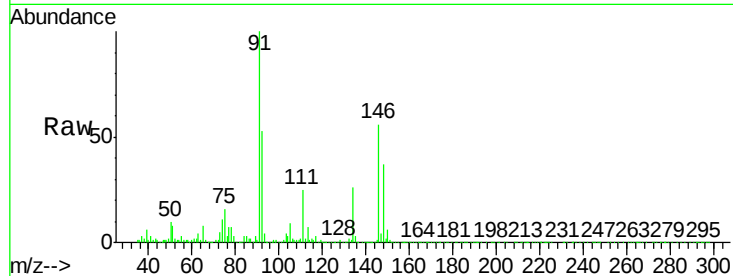




#89
n-Butylbenzene
Concen: 6.27 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX015322.D
Acq: 18 Mar 2020 13:02

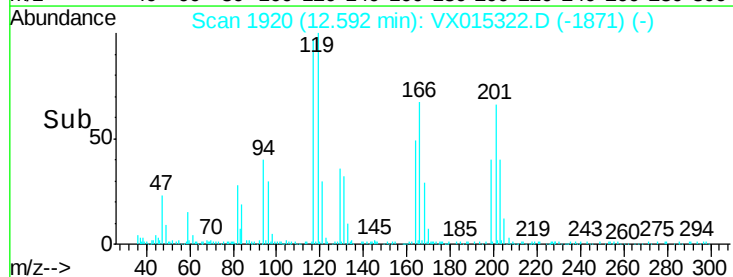
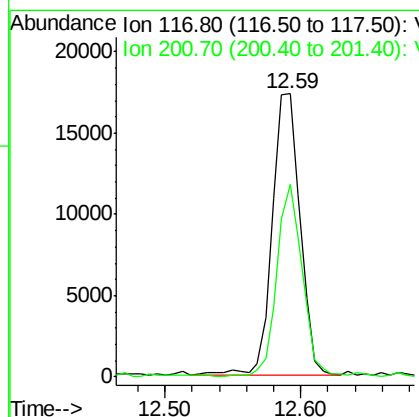
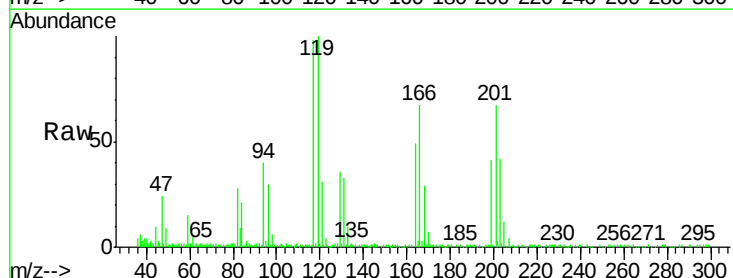
Instrument :
MSVOA_X
ClientSampled :
VSTDIC005

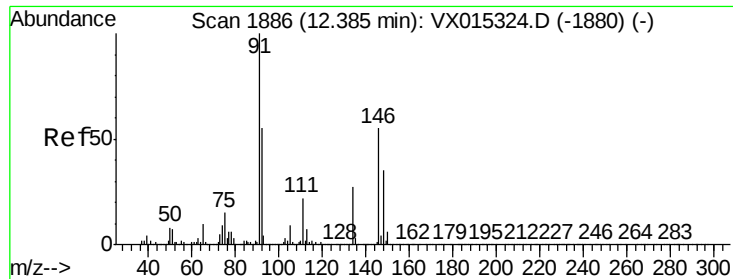
Tgt Ion: 91 Resp: 124546
Ion Ratio Lower Upper
91 100
92 53.4 27.5 82.4
134 24.4 13.2 39.6



#90
Hexachloroethane
Concen: 5.94 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX015322.D
Acq: 18 Mar 2020 13:02

Tgt Ion: 117 Resp: 24995
Ion Ratio Lower Upper
117 100
201 62.5 32.7 98.1

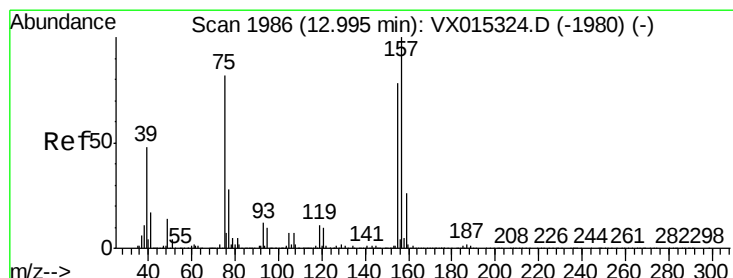
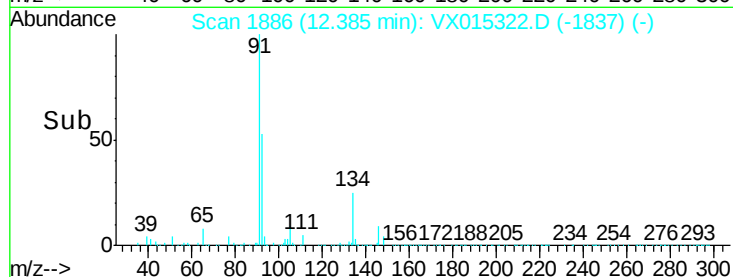
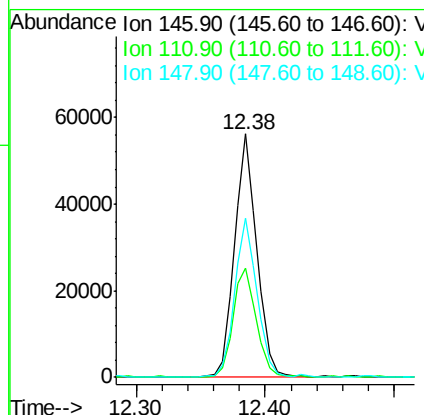
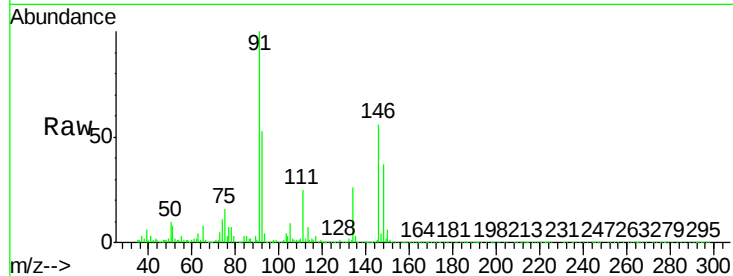




#91
1,2-Dichlorobenzene
Concen: 5.65 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX015322.D
Acq: 18 Mar 2020 13:02

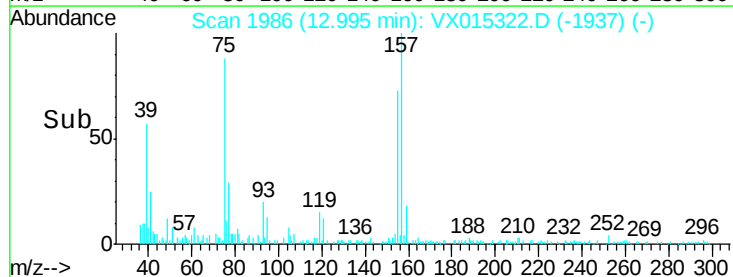
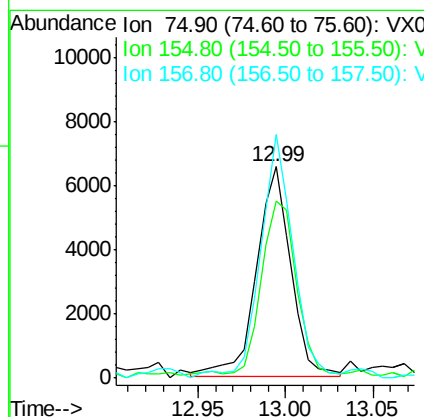
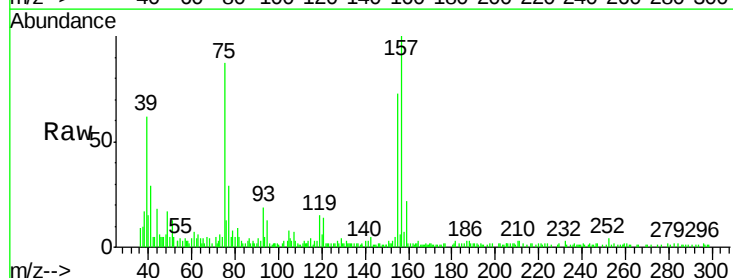
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

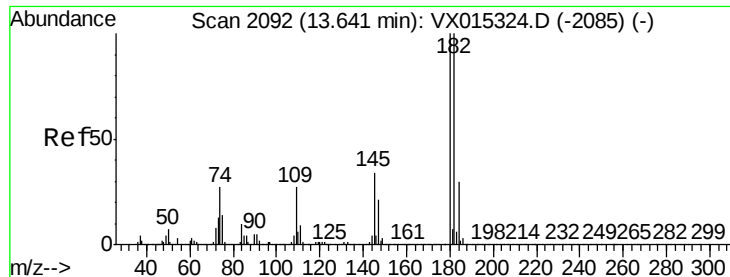
Tgt Ion	Ratio	Lower	Upper
146	100		
111	47.1	20.6	61.8
148	64.1	31.6	94.8



#92
1,2-Dibromo-3-Chloropropane
Concen: 5.45 ug/l
RT: 12.99 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX015322.D
Acq: 18 Mar 2020 13:02

Tgt Ion	Ratio	Lower	Upper
75	100		
155	84.2	48.9	146.7
157	110.5	61.1	183.3

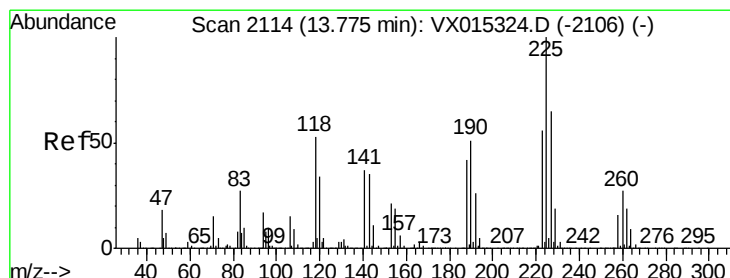
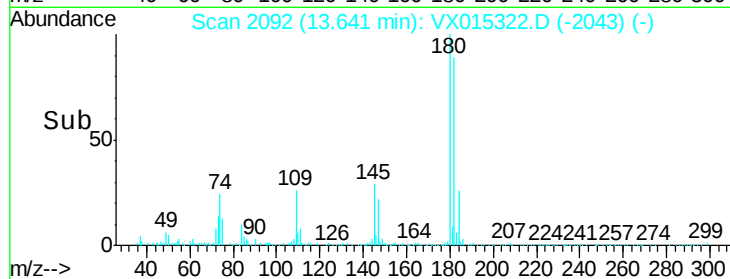
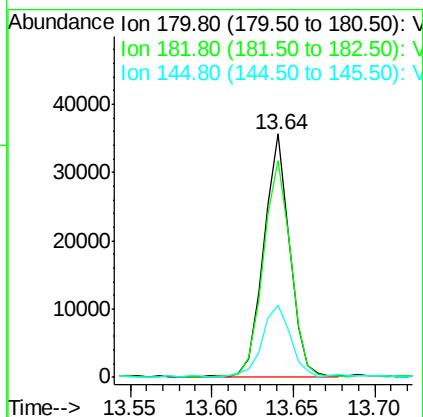
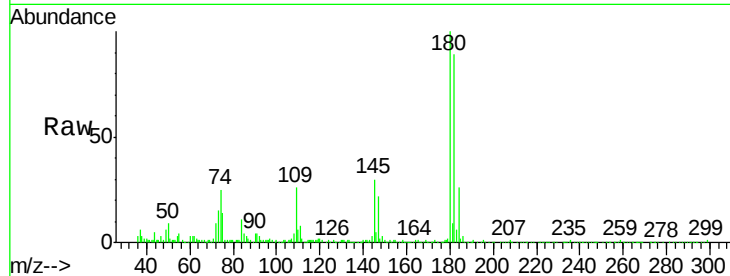




#93
 1,2,4-Trichlorobenzene
 Concen: 4.82 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX015322.D
 Acq: 18 Mar 2020 13:02

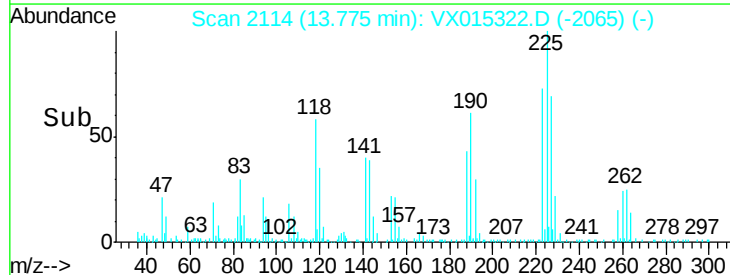
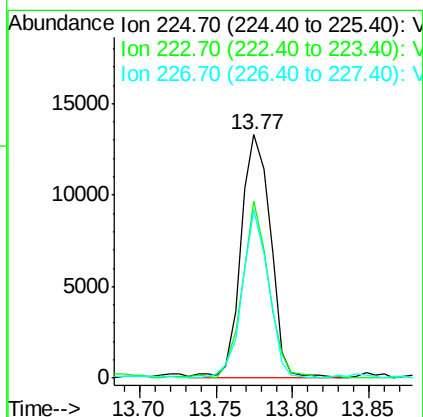
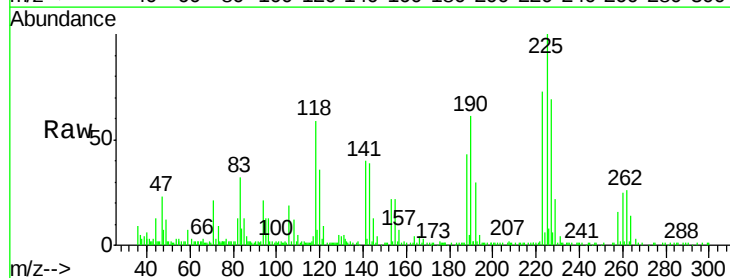
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

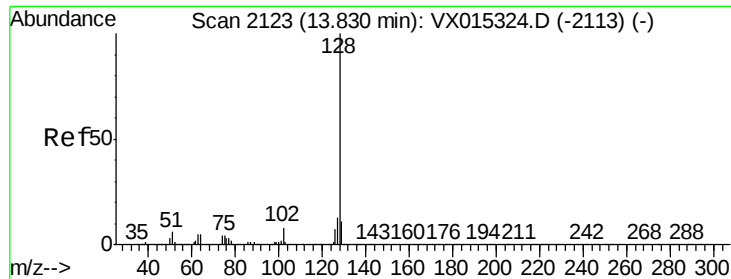
Tgt Ion:180 Resp: 39247
 Ion Ratio Lower Upper
 180 100
 182 95.3 48.6 145.9
 145 33.1 16.7 50.1



#94
 Hexachlorobutadiene
 Concen: 4.44 ug/l
 RT: 13.77 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VX015322.D
 Acq: 18 Mar 2020 13:02

Tgt Ion:225 Resp: 17991
 Ion Ratio Lower Upper
 225 100
 223 65.9 30.6 91.6
 227 61.0 32.3 96.8

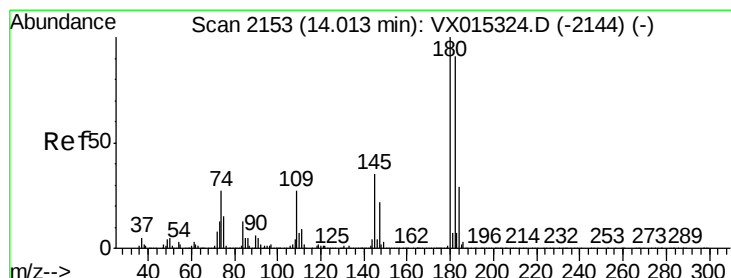
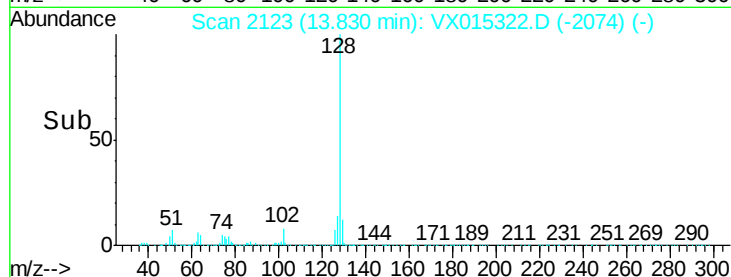
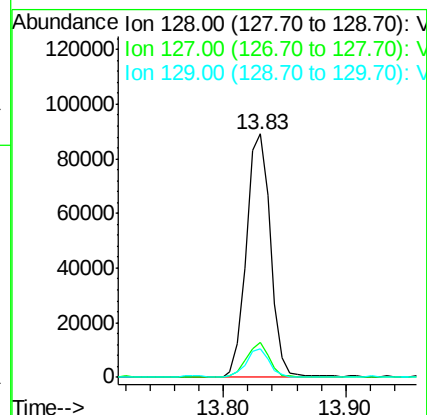
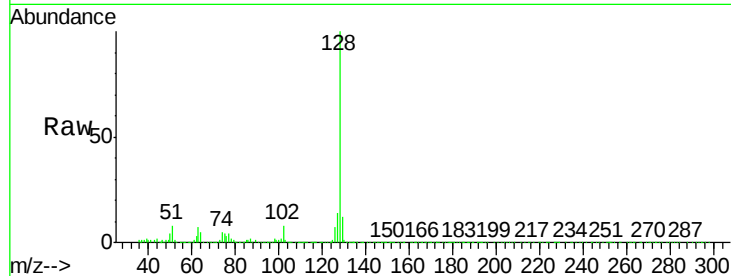




#95
Naphthalene
Concen: 5.25 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX015322.D
Acq: 18 Mar 2020 13:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.7	10.2	15.4
129	10.9	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 5.05 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX015322.D
Acq: 18 Mar 2020 13:02

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.7	47.0	141.0
145	33.5	17.6	52.8

