

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX060719\
 Data File : VX010105.D
 Acq On : 07 Jun 2019 13:04
 Operator : JC/SP
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Quant Time: Jun 07 13:27:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060719W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 07 13:13:19 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	325154	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	494784	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	447111	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	215292	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	308980	100.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	201.18%	
35) Dibromofluoromethane	5.50	113	297033	99.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	198.50%	
50) Toluene-d8	8.71	98	1119059	98.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	196.66%	
62) 4-Bromofluorobenzene	11.13	95	413830	97.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	194.30%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	325050	100.681	ug/l	99
3) Chloromethane	1.32	50	291505	98.641	ug/l	99
4) Vinyl Chloride	1.41	62	286893	103.296	ug/l	100
5) Bromomethane	1.64	94	94835	91.512	ug/l	98
6) Chloroethane	1.71	64	139246	89.792	ug/l	98
7) Trichlorofluoromethane	1.92	101	408331	100.506	ug/l	100
8) Diethyl Ether	2.19	74	137222	101.753	ug/l	78
9) 1,1,2-Trichlorotrifluoroet	2.37	101	276888	101.122	ug/l	92
10) Methyl Iodide	2.51	142	466138	103.198	ug/l	96
11) Tert butyl alcohol	3.06	59	376157	489.611	ug/l	99
12) 1,1-Dichloroethene	2.37	96	284336	100.708	ug/l #	79
13) Acrolein	2.29	56	71515	462.996	ug/l	98
14) Allyl chloride	2.72	41	431255	101.837	ug/l #	87
15) Acrylonitrile	3.15	53	790041	507.091	ug/l	99
16) Acetone	2.45	43	712563	496.467	ug/l	89
17) Carbon Disulfide	2.56	76	806488	101.461	ug/l	99
18) Methyl Acetate	2.78	43	317312	102.813	ug/l #	84
19) Methyl tert-butyl Ether	3.20	73	920416	101.889	ug/l	93
20) Methylene Chloride	2.85	84	316086	101.721	ug/l #	77
21) trans-1,2-Dichloroethene	3.16	96	301470	98.791	ug/l #	81
22) Diisopropyl ether	3.86	45	843518	101.527	ug/l #	79
23) Vinyl Acetate	3.82	43	3777933	504.551	ug/l #	88
24) 1,1-Dichloroethane	3.70	63	501357	102.577	ug/l	96
25) 2-Butanone	4.68	43	1114530	507.418	ug/l #	83
26) 2,2-Dichloropropane	4.58	77	452283	100.527	ug/l	95
27) cis-1,2-Dichloroethene	4.59	96	355322	102.065	ug/l	80
28) Bromochloromethane	5.02	49	231433	104.801	ug/l #	49
29) Tetrahydrofuran	5.13	42	693728	511.161	ug/l #	75
30) Chloroform	5.21	83	529435	102.300	ug/l	98
31) Cyclohexane	5.58	56	464107	101.739	ug/l #	76
32) 1,1,1-Trichloroethane	5.49	97	484672	102.748	ug/l	94
36) 1,1-Dichloropropene	5.80	75	395797	102.404	ug/l	93
37) Ethyl Acetate	4.84	43	418401	102.832	ug/l #	92
38) Carbon Tetrachloride	5.78	117	441436	100.819	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	527390	100.804	ug/l #	83
40) Benzene	6.14	78	1231156	101.233	ug/l	100
41) Methacrylonitrile	5.04	41	224267	100.910	ug/l #	84
42) 1,2-Dichloroethane	6.19	62	394244	101.993	ug/l	95
43) Isopropyl Acetate	6.45	43	694045	102.384	ug/l #	89
44) Trichloroethene	7.21	130	361891	100.851	ug/l	88
45) 1,2-Dichloropropane	7.51	63	307567	101.170	ug/l	99
46) Dibromomethane	7.66	93	223945	102.298	ug/l	92
47) Bromodichloromethane	7.90	83	435541	102.018	ug/l #	99
48) Methyl methacrylate	7.77	41	331540	100.917	ug/l #	78
49) 1,4-Dioxane	7.74	88	174868	1935.525	ug/l #	81
51) 4-Methyl-2-Pentanone	8.65	43	2008288	474.294	ug/l	89
52) Toluene	8.79	92	802903	101.846	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	510409	102.937	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	539171	102.526	ug/l #	90
55) 1,1,2-Trichloroethane	9.21	97	333836	101.168	ug/l	96
56) Ethyl methacrylate	9.18	69	525445	99.397	ug/l #	83
57) 1,3-Dichloropropane	9.37	76	518556	101.223	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	1199810	475.538	ug/l #	87
59) 2-Hexanone	9.49	43	1585410	473.176	ug/l	88
60) Dibromochloromethane	9.59	129	397376	101.830	ug/l	100
61) 1,2-Dibromoethane	9.67	107	364402	100.672	ug/l	99
64) Tetrachloroethene	9.34	164	312201	100.359	ug/l	96
65) Chlorobenzene	10.14	112	895244	100.491	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	349968	101.945	ug/l	99
67) Ethyl Benzene	10.25	91	1523077	100.296	ug/l	94
68) m/p-Xylenes	10.36	106	1158284	197.075	ug/l	91
69) o-Xylene	10.69	106	571227	98.833	ug/l	90
70) Styrene	10.71	104	971899	96.756	ug/l	96
71) Bromoform	10.85	173	320520	100.634	ug/l #	98
73) Isopropylbenzene	11.02	105	1500313	103.000	ug/l	95
74) N-amyl acetate	10.90	43	597533	102.812	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	11.27	83	497861	100.963	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	603041	146.441	ug/l	82
77) Bromobenzene	11.26	156	406827	102.109	ug/l	84
78) n-propylbenzene	11.36	91	1688095	103.178	ug/l	94
79) 2-Chlorotoluene	11.42	91	991495	101.895	ug/l	92
80) 1,3,5-Trimethylbenzene	11.51	105	1232933	101.168	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	200805	104.593	ug/l #	83
82) 4-Chlorotoluene	11.51	91	1124708	99.960	ug/l	94
83) tert-Butylbenzene	11.77	119	1244839	100.987	ug/l	95
84) 1,2,4-Trimethylbenzene	11.80	105	1262178	102.183	ug/l	97
85) sec-Butylbenzene	11.94	105	1470380	101.983	ug/l	96
86) p-Isopropyltoluene	12.06	119	1345219	101.398	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	712710	101.234	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	708065	102.112	ug/l	98
89) n-Butylbenzene	12.38	91	1167689	101.582	ug/l	96
90) Hexachloroethane	12.60	117	272747	104.121	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	679740	99.724	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	120986	106.885	ug/l	72

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Quant Title : SW846 8260
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Response via : Initial Calibration

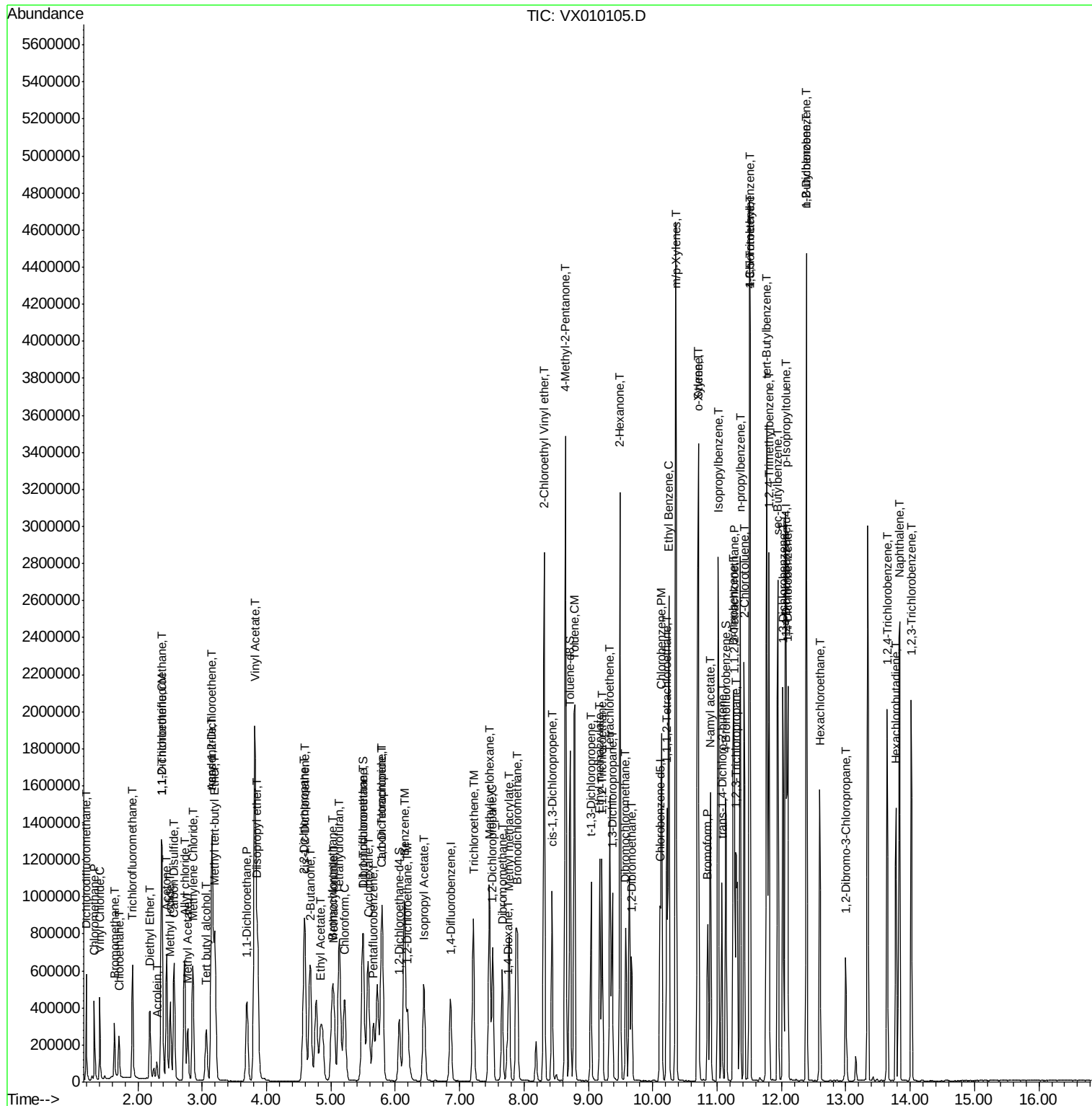
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	507659	104.367	ug/l	99
94) Hexachlorobutadiene	13.78	225	220479	101.909	ug/l	99
95) Naphthalene	13.83	128	1627032	103.702	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	501401	104.005	ug/l	99

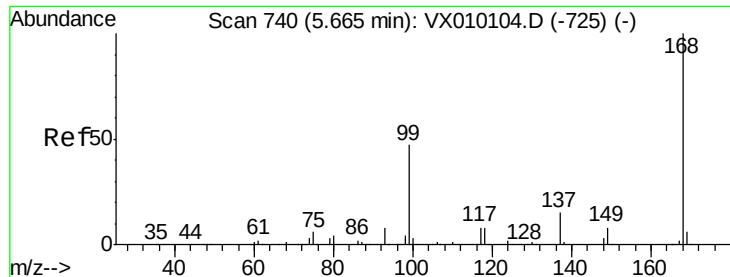
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX060719\
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Acq On : 07 Jun 2019 13:04
Operator : JC/SP
Sample : VSTDIC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
Client Sample Id :
VSTDIC100

Quant Time: Jun 07 13:27:56 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X060719W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 07 13:13:19 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX010105.D

Acq: 07 Jun 2019 13:04

Instrument :

MSVOA_X

ClientSampleId :

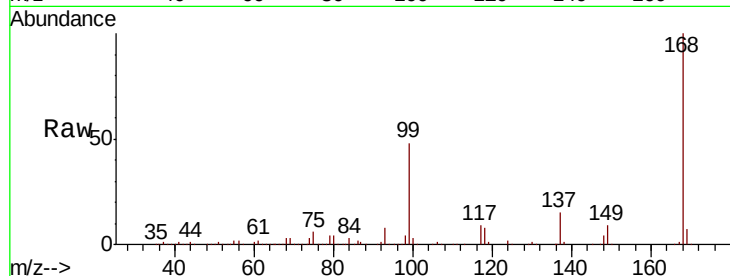
VSTDICC100

Tgt Ion:168 Resp: 325154

Ion Ratio Lower Upper

168 100

99 48.4 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

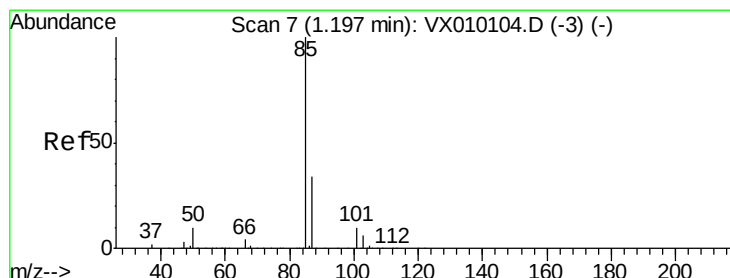
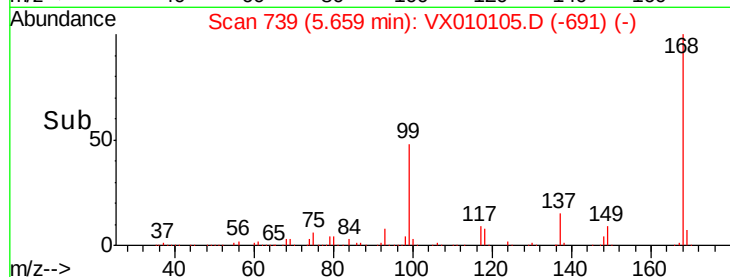
5.66

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 100.681 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX010105.D

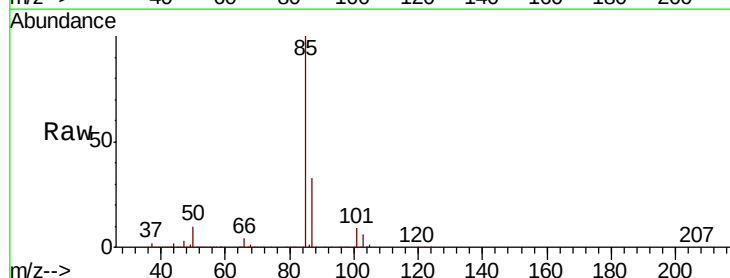
Acq: 07 Jun 2019 13:04

Tgt Ion: 85 Resp: 325050

Ion Ratio Lower Upper

85 100

87 32.6 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

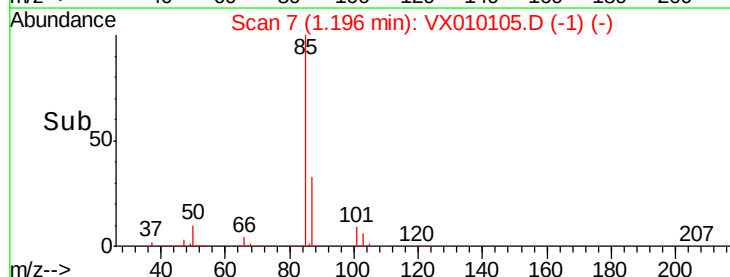
300000

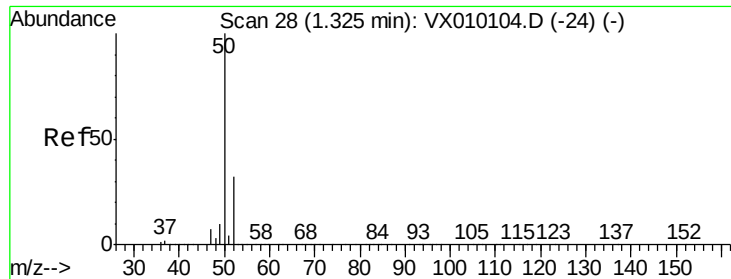
200000

100000

0

Time-->





#3

Chloromethane

Concen: 98.641 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX010105.D

Acq: 07 Jun 2019 13:04

Instrument :

MSVOA_X

ClientSampleId :

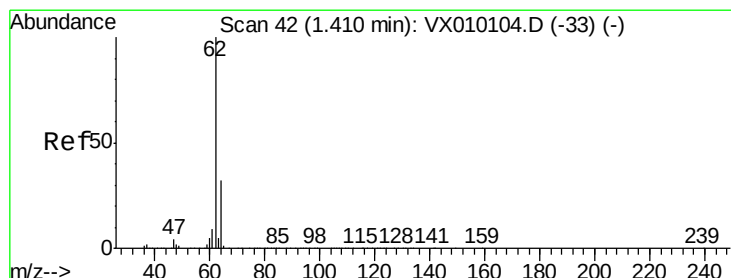
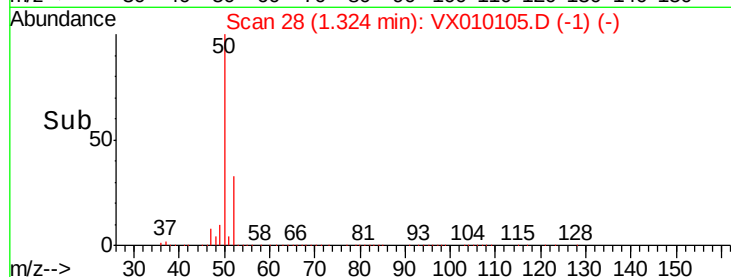
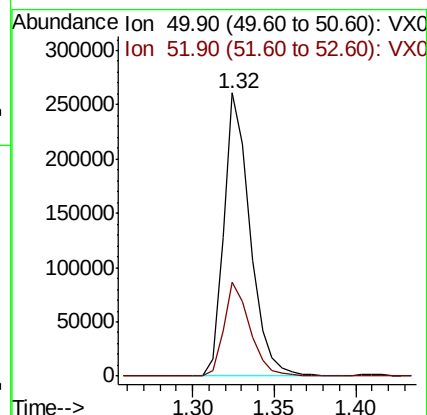
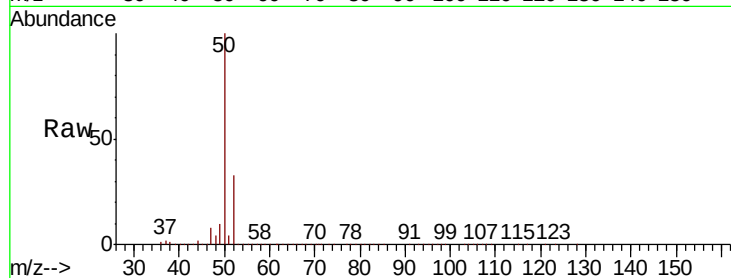
VSTDIC100

Tgt Ion: 50 Resp: 291505

Ion Ratio Lower Upper

50 100

52 33.0 26.0 39.0



#4

Vinyl Chloride

Concen: 103.296 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX010105.D

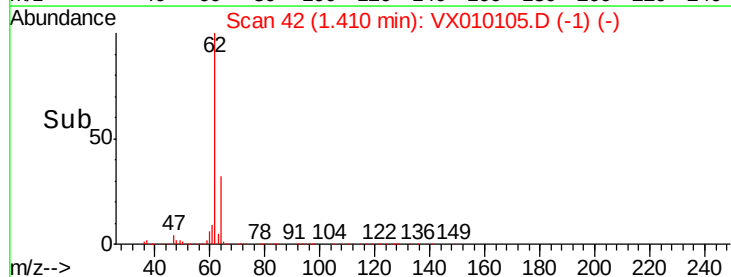
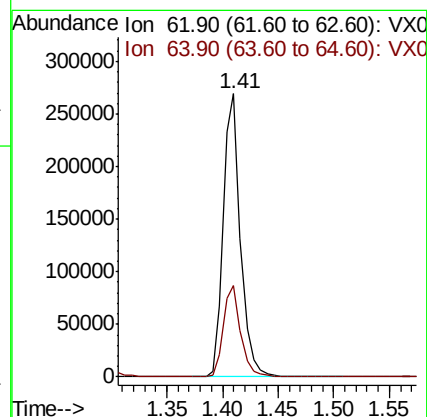
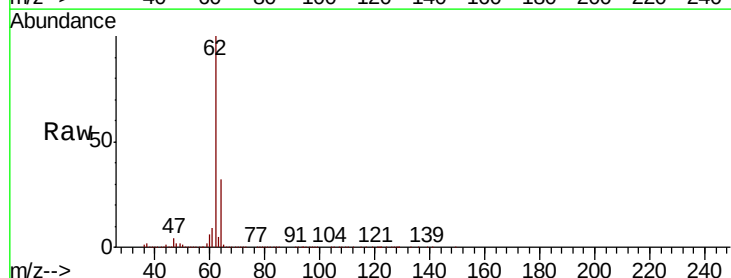
Acq: 07 Jun 2019 13:04

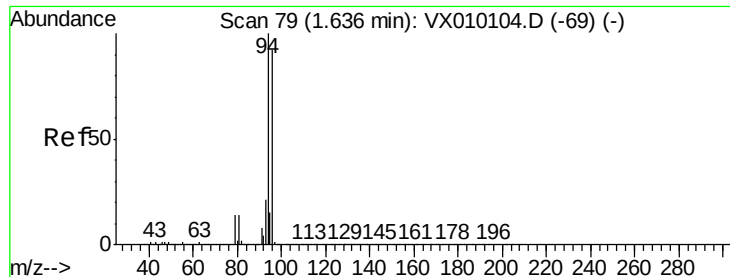
Tgt Ion: 62 Resp: 286893

Ion Ratio Lower Upper

62 100

64 32.1 25.7 38.5





#5

Bromomethane

Concen: 91.512 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX010105.D

Acq: 07 Jun 2019 13:04

Instrument :

MSVOA_X

ClientSampleId :

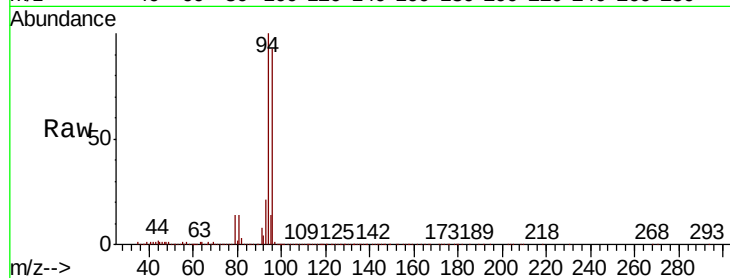
VSTDIC100

Tgt Ion: 94 Resp: 94835

Ion Ratio Lower Upper

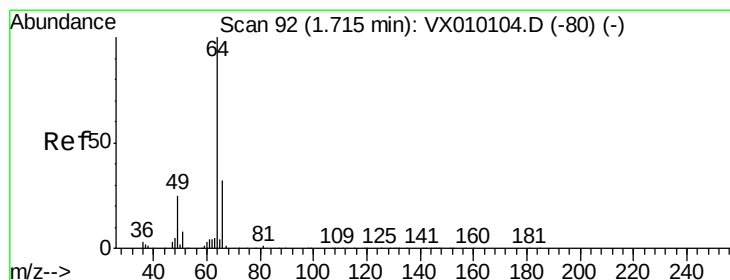
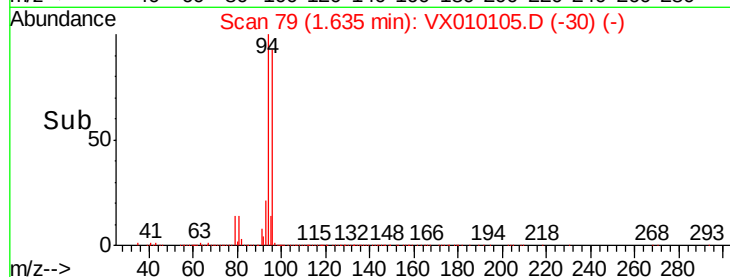
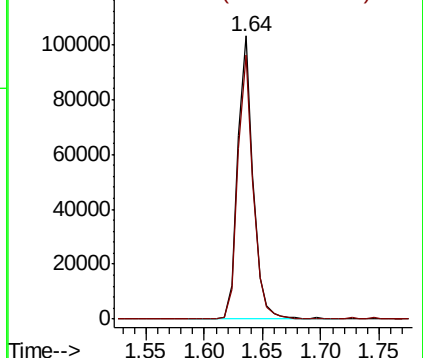
94 100

96 93.3 76.2 114.4



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 89.792 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX010105.D

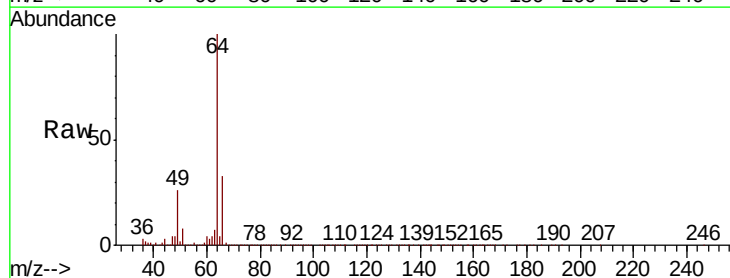
Acq: 07 Jun 2019 13:04

Tgt Ion: 64 Resp: 139246

Ion Ratio Lower Upper

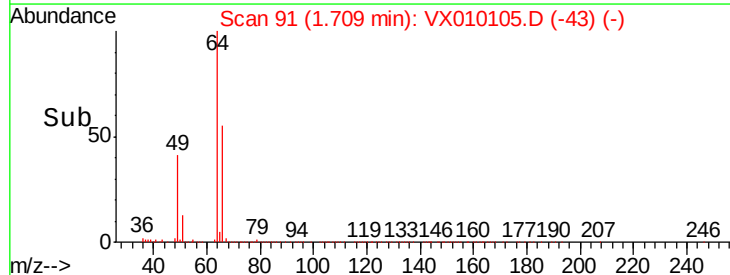
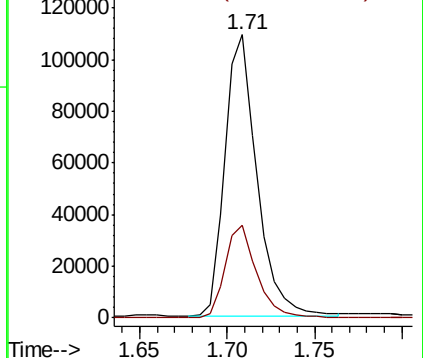
64 100

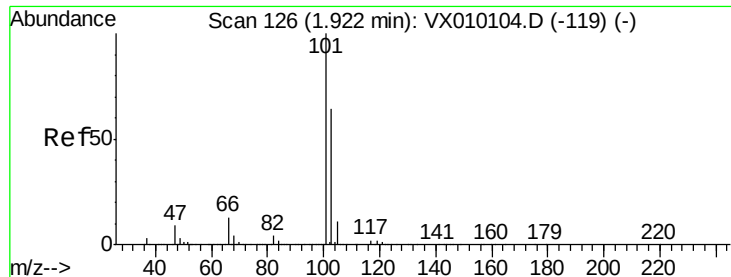
66 32.6 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



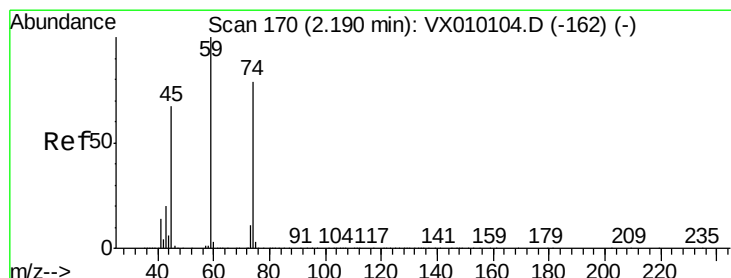
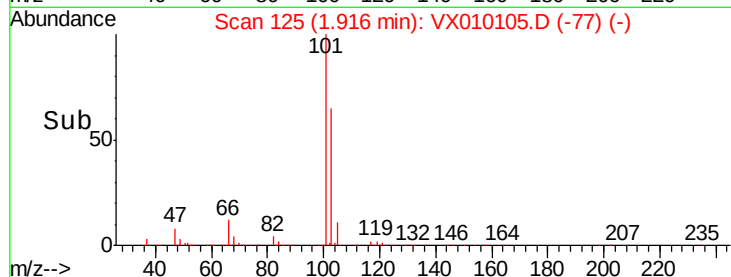
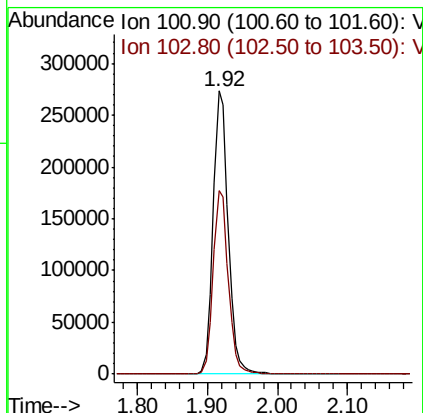
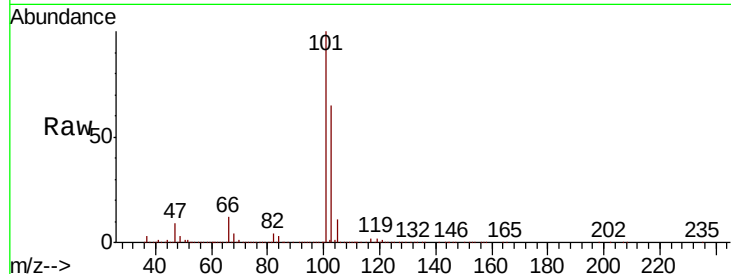


#7

Trichlorofluoromethane
 Concen: 100.506 ug/l
 RT: 1.92 min Scan# 125
 Delta R.T. -0.01 min
 Lab File: VX010105.D
 Acq: 07 Jun 2019 13:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

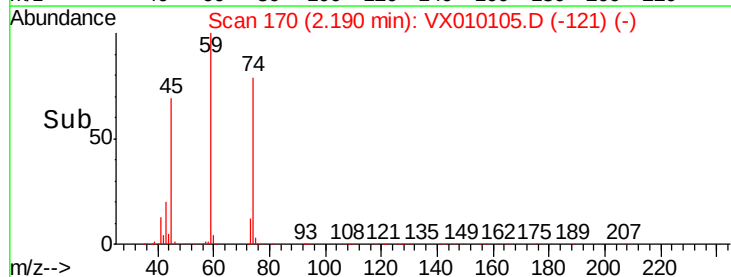
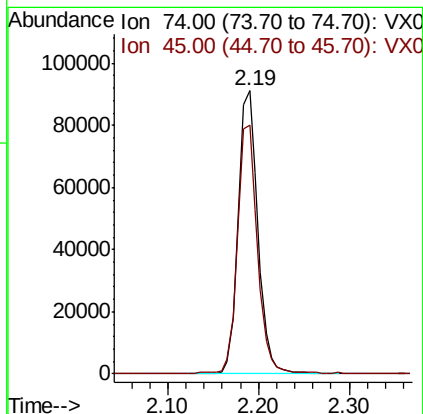
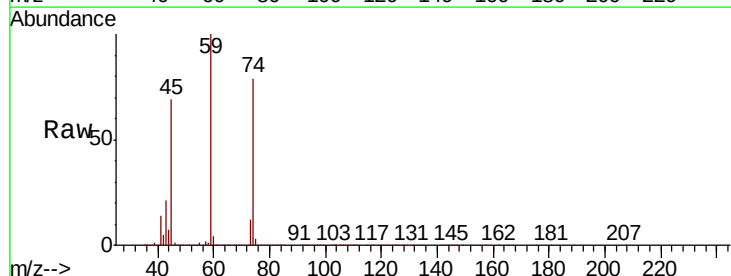
Tgt Ion: 101 Resp: 408331
 Ion Ratio Lower Upper
 101 100
 103 65.0 52.2 78.4

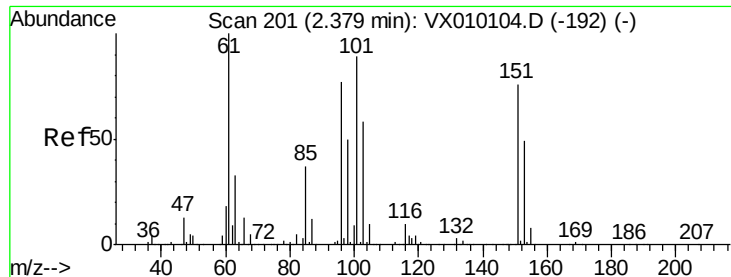


#8

Diethyl Ether
 Concen: 101.753 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX010105.D
 Acq: 07 Jun 2019 13:04

Tgt Ion: 74 Resp: 137222
 Ion Ratio Lower Upper
 74 100
 45 88.8 56.1 168.3

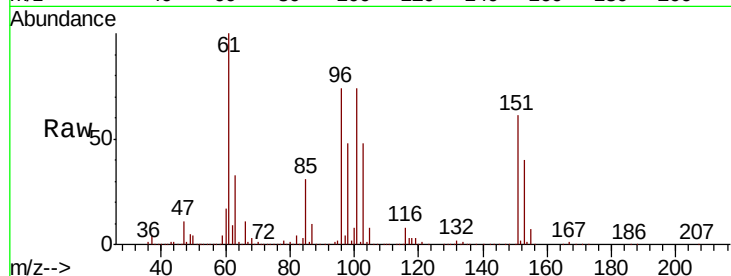




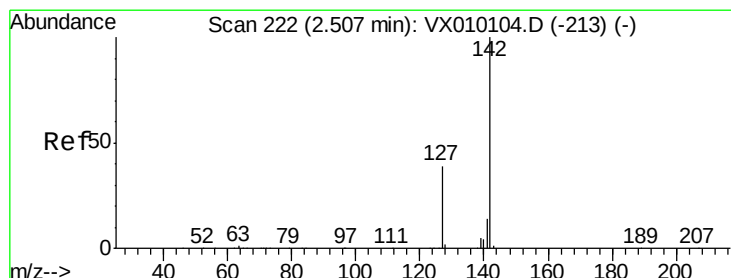
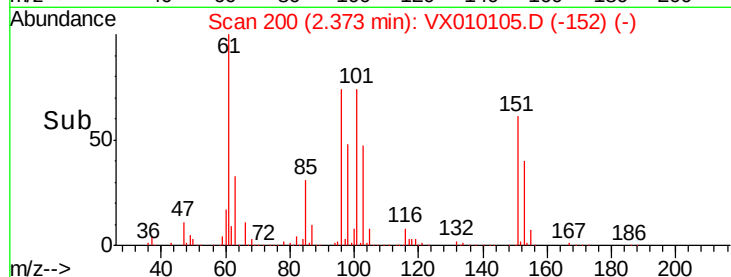
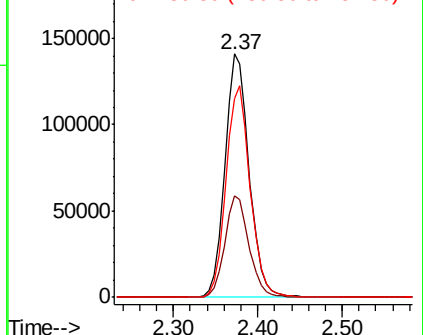
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 101.122 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. -0.01 min
 Lab File: VX010105.D
 Acq: 07 Jun 2019 13:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tgt Ion	Ratio	Lower	Upper
101	100		
85	41.4	35.2	52.8
151	86.8	61.9	92.9

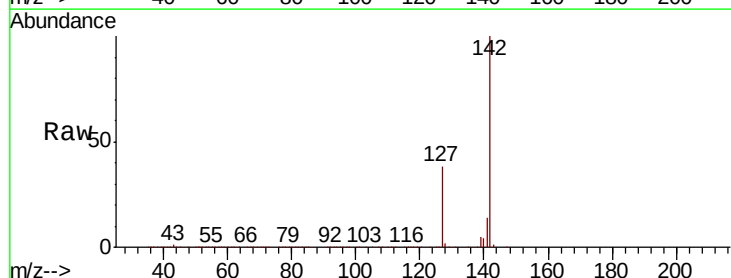


Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 150.80 (150.50 to 151.50): V

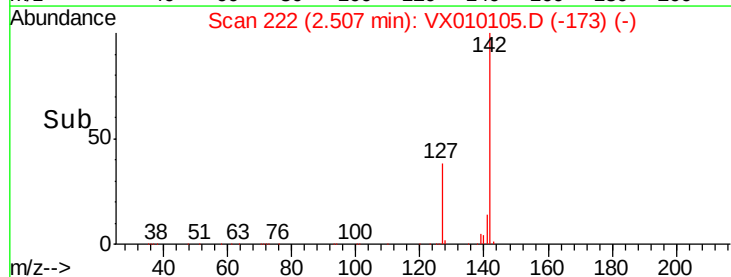
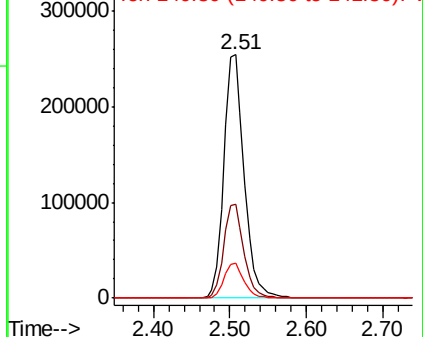


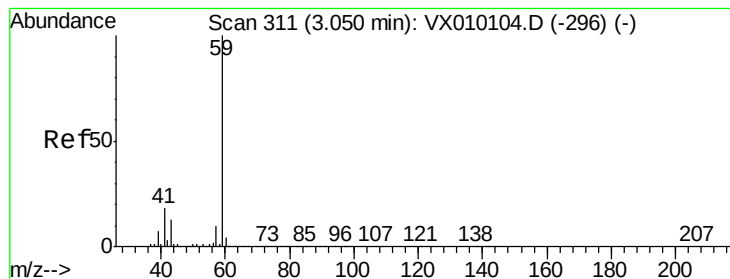
#10
 Methyl Iodide
 Concen: 103.198 ug/l
 RT: 2.51 min Scan# 222
 Delta R.T. -0.00 min
 Lab File: VX010105.D
 Acq: 07 Jun 2019 13:04

Tgt Ion	Ratio	Lower	Upper
142	100		
127	38.3	33.0	49.4
141	14.0	11.4	17.0



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



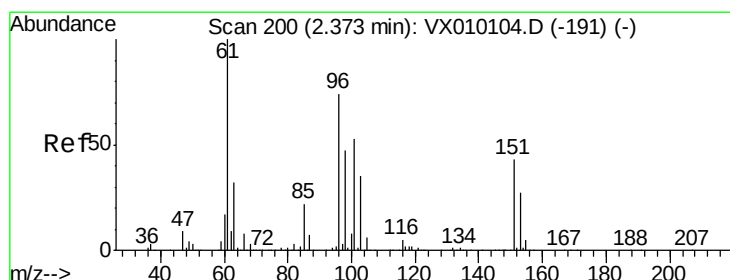
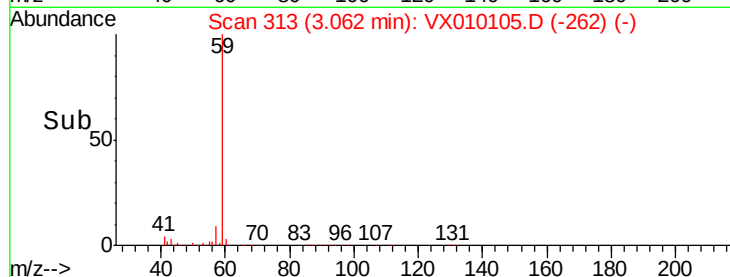
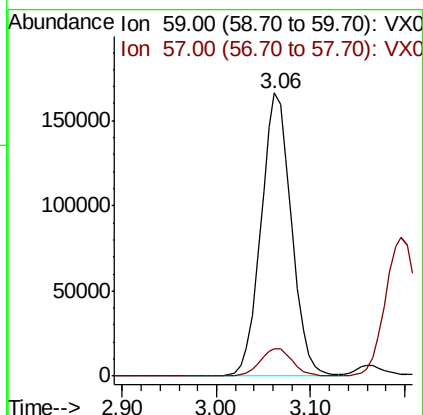
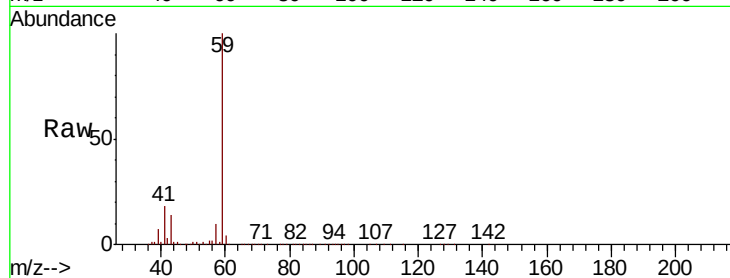


#11

Tert butyl alcohol
Concen: 489.611 ug/l
RT: 3.06 min Scan# 313
Delta R.T. 0.01 min
Lab File: VX010105.D
Acq: 07 Jun 2019 13:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

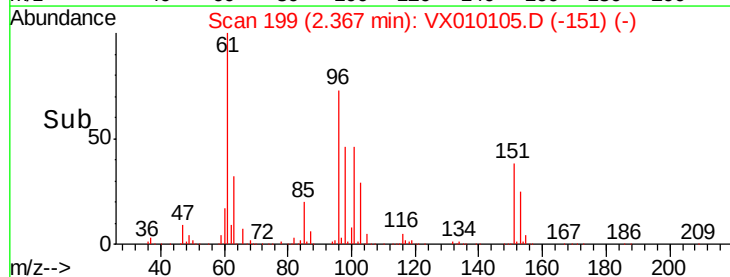
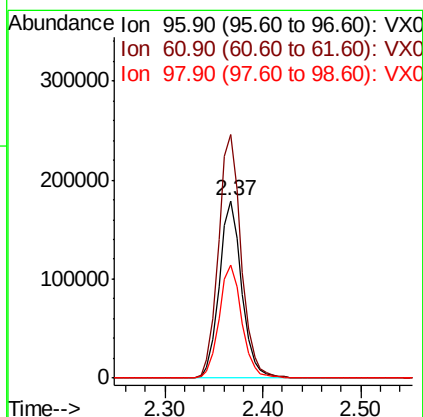
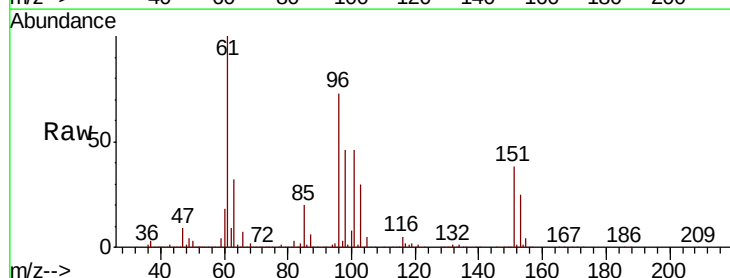
Tgt Ion: 59 Resp: 376157
Ion Ratio Lower Upper
59 100
57 10.0 8.2 12.2

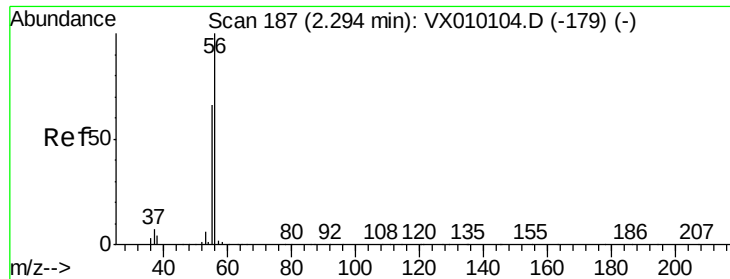


#12

1,1-Dichloroethene
Concen: 100.708 ug/l
RT: 2.37 min Scan# 199
Delta R.T. -0.01 min
Lab File: VX010105.D
Acq: 07 Jun 2019 13:04

Tgt Ion: 96 Resp: 284336
Ion Ratio Lower Upper
96 100
61 137.3 140.7 211.1#
98 63.7 50.1 75.1

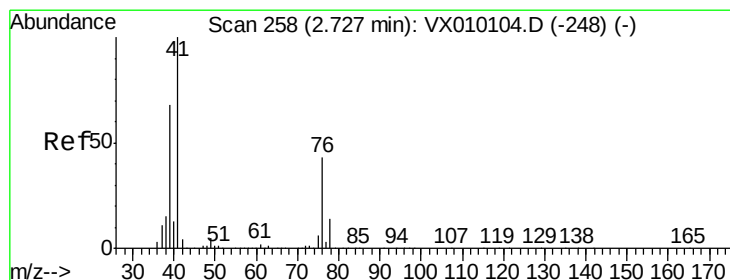
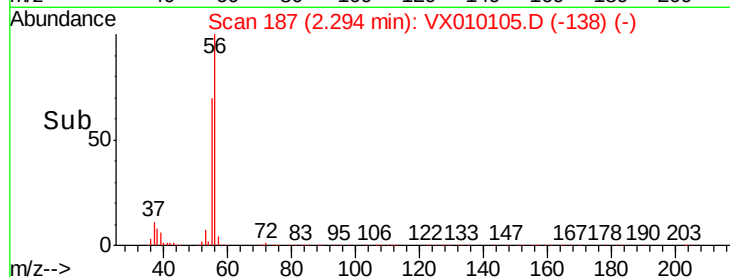
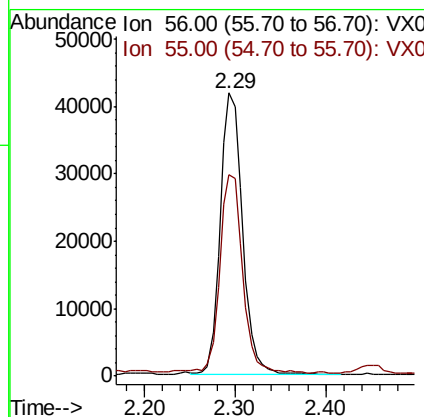
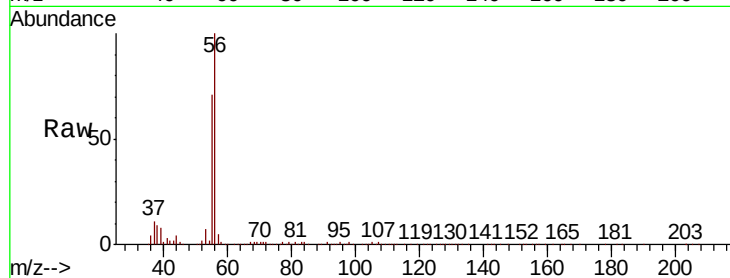




#13
Acrolein
Concen: 462.996 ug/l
RT: 2.29 min Scan# 187
Delta R.T. -0.00 min
Lab File: VX010105.D
Acq: 07 Jun 2019 13:04

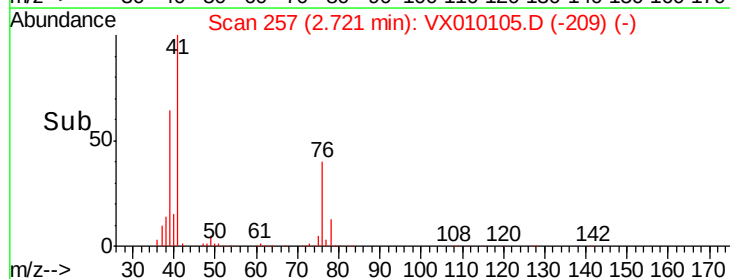
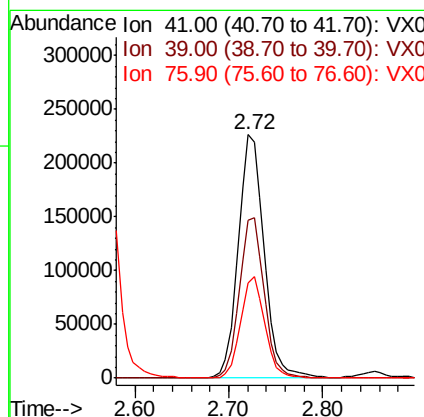
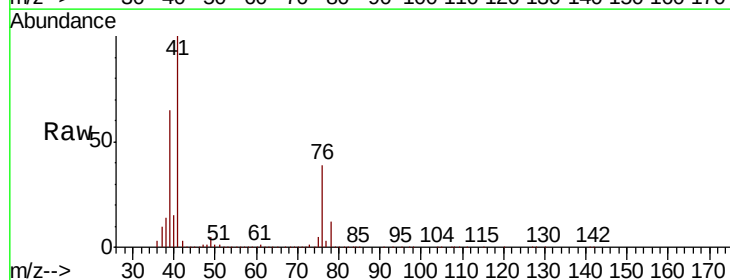
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

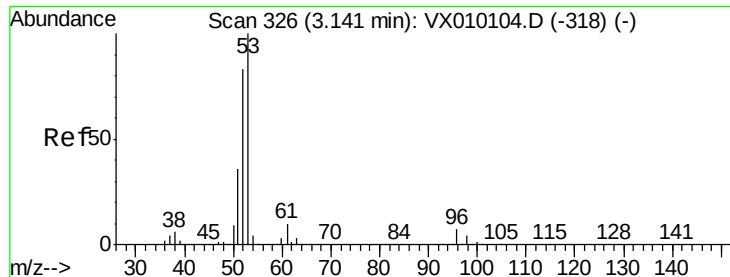
Tgt Ion: 56 Resp: 71515
Ion Ratio Lower Upper
56 100
55 72.4 57.0 85.4



#14
Allyl chloride
Concen: 101.837 ug/l
RT: 2.72 min Scan# 257
Delta R.T. -0.01 min
Lab File: VX010105.D
Acq: 07 Jun 2019 13:04

Tgt Ion: 41 Resp: 431255
Ion Ratio Lower Upper
41 100
39 63.5 46.7 70.1
76 39.4 21.0 31.4#





#15

Acrylonitrile

Concen: 507.091 ug/l

RT: 3.15 min Scan# 327

Delta R.T. 0.01 min

Lab File: VX010105.D

Acq: 07 Jun 2019 13:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

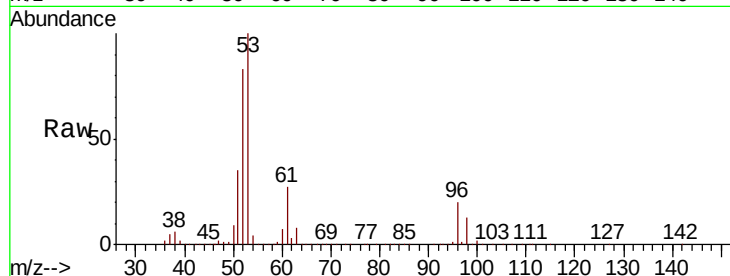
Tgt Ion: 53 Resp: 790041

Ion Ratio Lower Upper

53 100

52 82.0 66.7 100.1

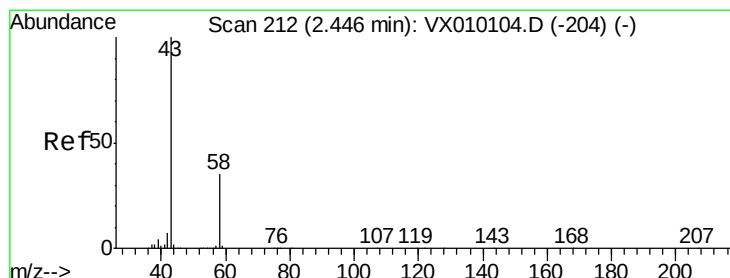
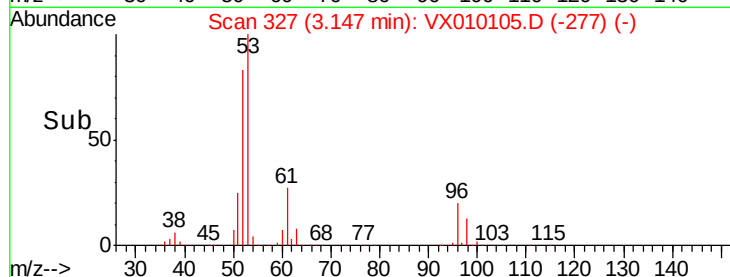
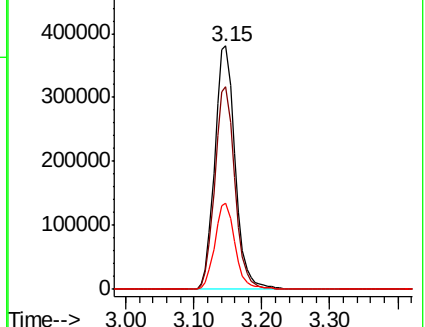
51 35.2 28.8 43.2



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 496.467 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX010105.D

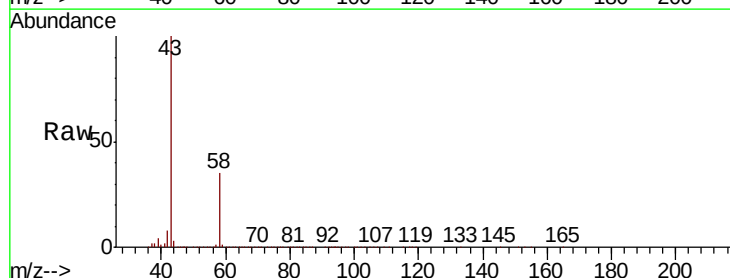
Acq: 07 Jun 2019 13:04

Tgt Ion: 43 Resp: 712563

Ion Ratio Lower Upper

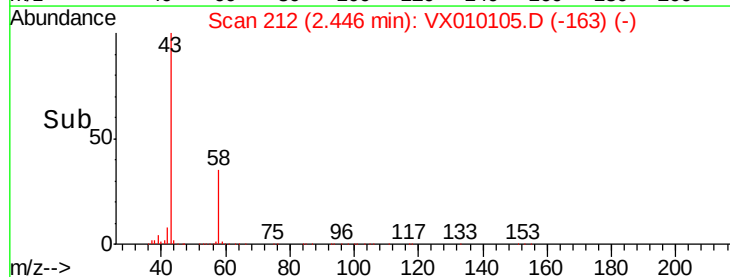
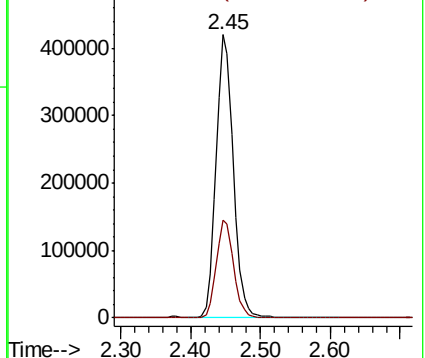
43 100

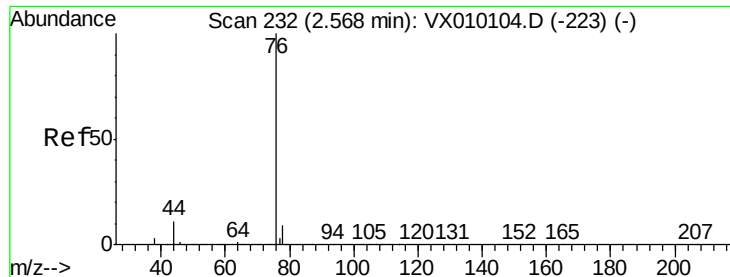
58 34.8 23.2 34.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 101.461 ug/l

RT: 2.56 min Scan# 231

Delta R.T. -0.01 min

Lab File: VX010105.D

Acq: 07 Jun 2019 13:04

Instrument :

MSVOA_X

ClientSampled :

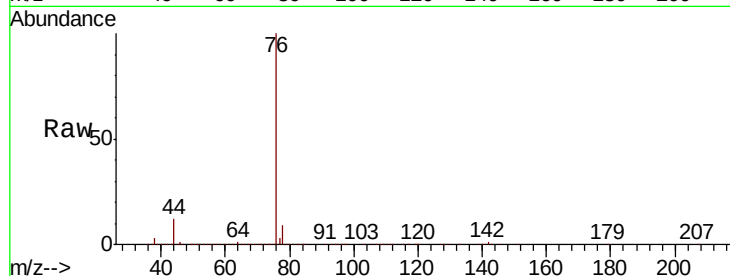
VSTDIC100

Tgt Ion: 76 Resp: 806488

Ion Ratio Lower Upper

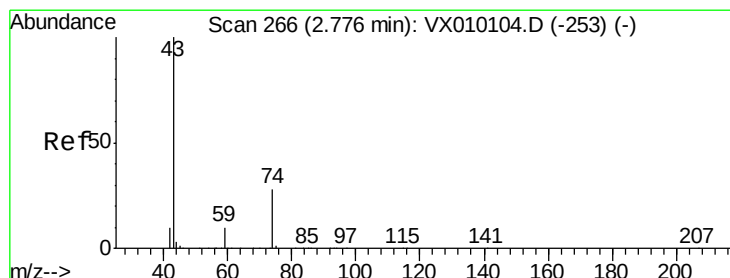
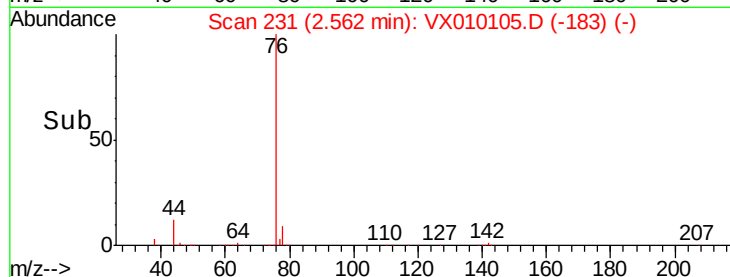
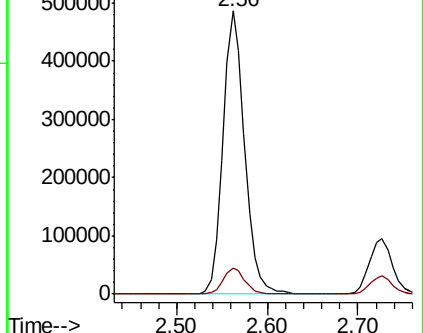
76 100

78 9.1 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 102.813 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX010105.D

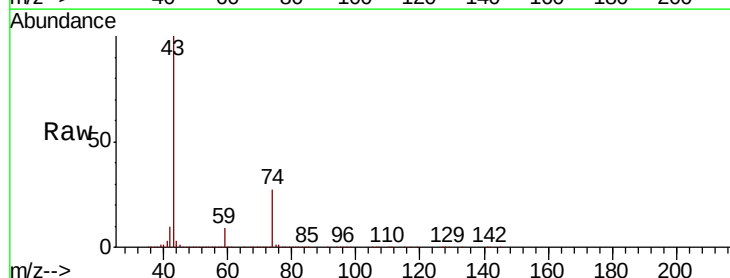
Acq: 07 Jun 2019 13:04

Tgt Ion: 43 Resp: 317312

Ion Ratio Lower Upper

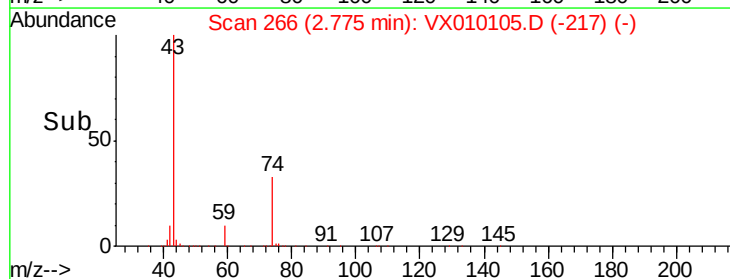
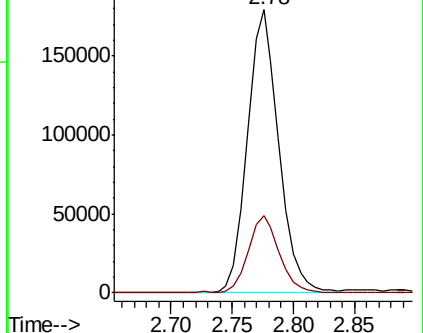
43 100

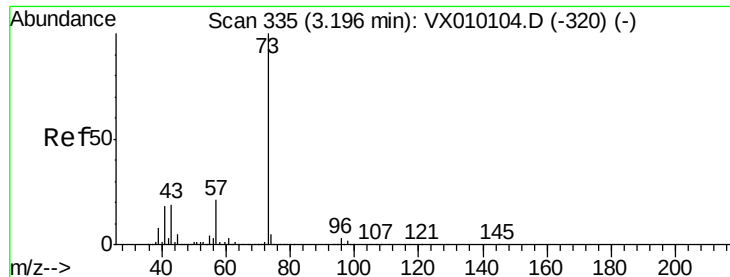
74 27.1 15.8 23.6#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

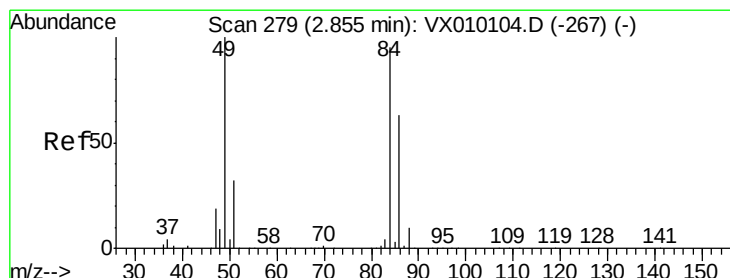
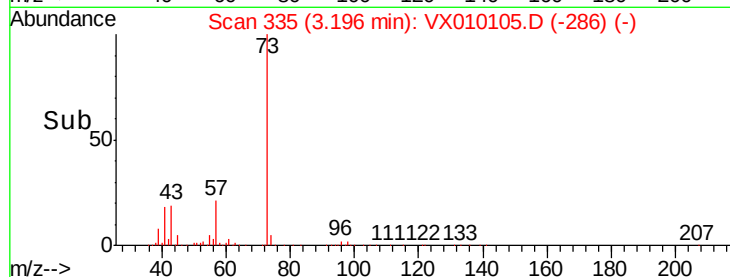
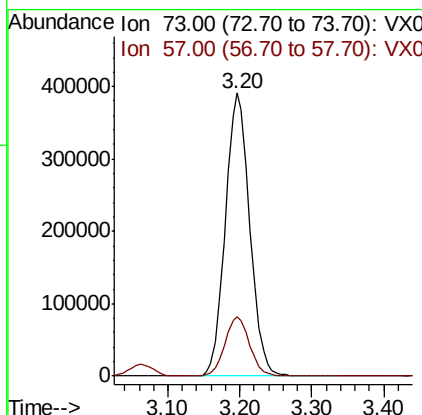
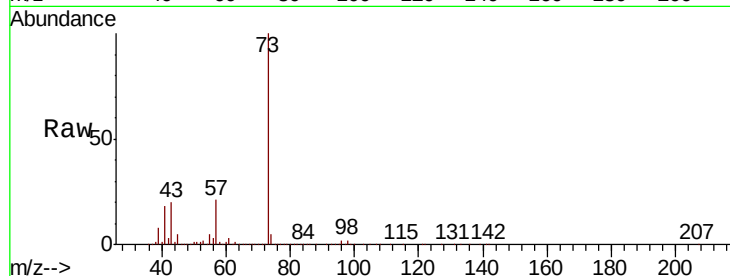




#19
Methyl tert-butyl Ether
Concen: 101.889 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX010105.D
Acq: 07 Jun 2019 13:04

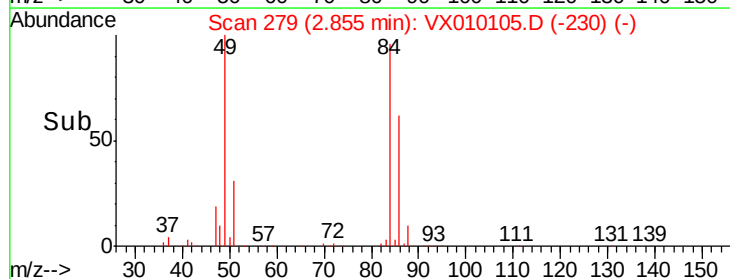
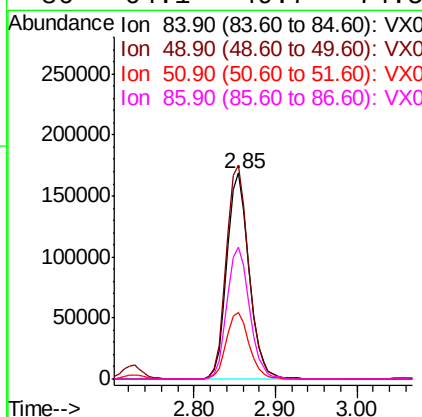
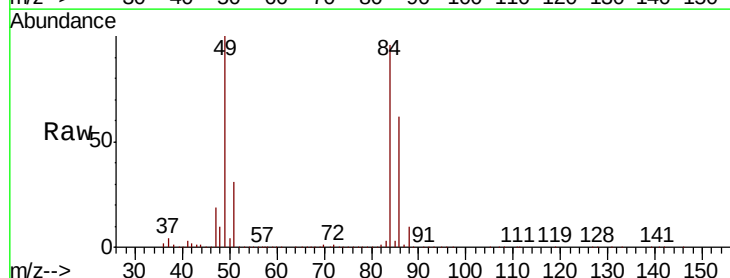
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

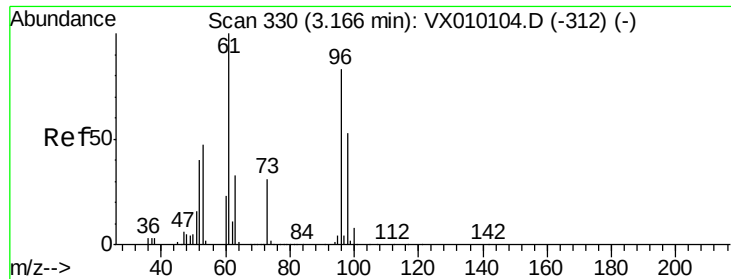
Tgt Ion: 73 Resp: 920416
Ion Ratio Lower Upper
73 100
57 20.8 19.4 29.2



#20
Methylene Chloride
Concen: 101.721 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX010105.D
Acq: 07 Jun 2019 13:04

Tgt Ion: 84 Resp: 316086
Ion Ratio Lower Upper
84 100
49 103.8 115.8 173.6#
51 32.2 34.4 51.6#
86 64.1 49.7 74.5





#21

trans-1,2-Dichloroethene

Concen: 98.791 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.01 min

Lab File: VX010105.D

Acq: 07 Jun 2019 13:04

Instrument :

MSVOA_X

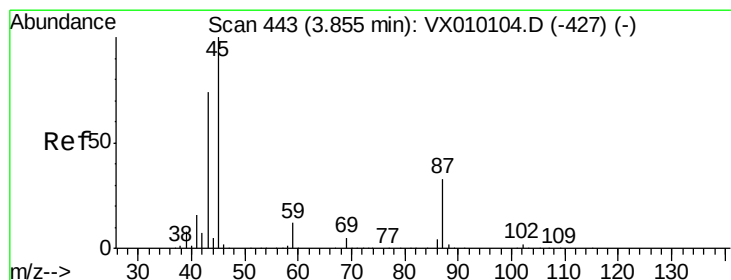
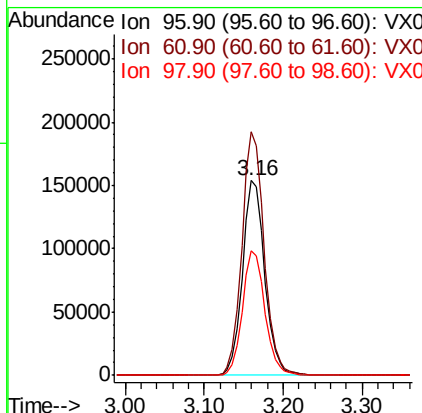
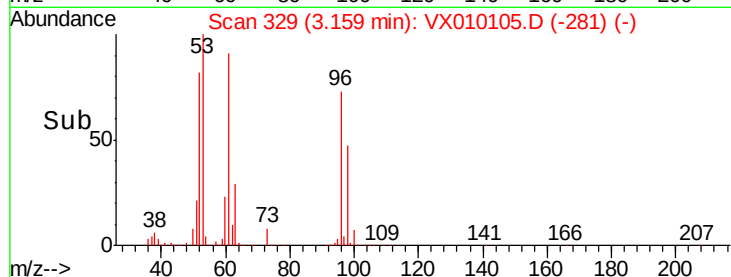
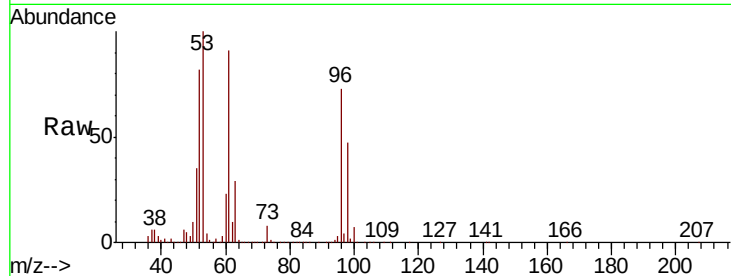
ClientSampleId :

VSTDIC100

Tgt Ion: 96 Resp: 301470

Ion Ratio Lower Upper

96	100		
61	124.9	125.7	188.5#
98	64.2	49.0	73.6



#22

Diisopropyl ether

Concen: 101.527 ug/l

RT: 3.86 min Scan# 444

Delta R.T. 0.01 min

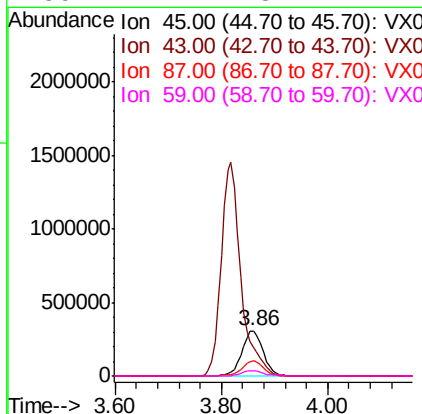
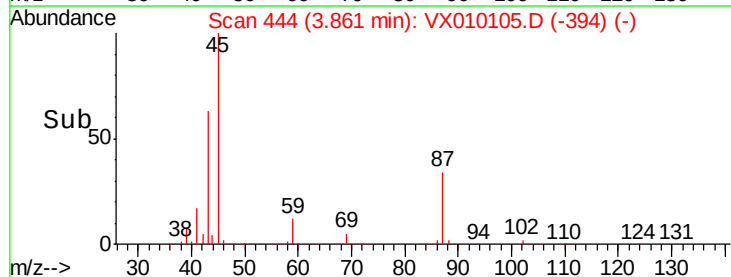
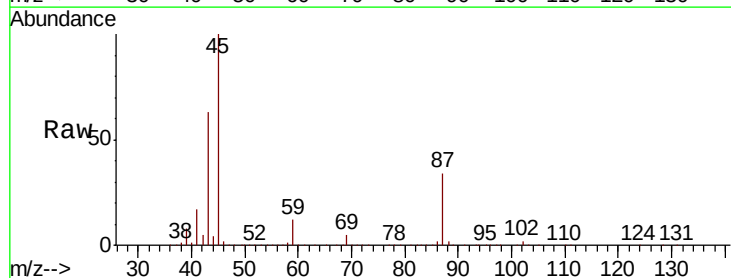
Lab File: VX010105.D

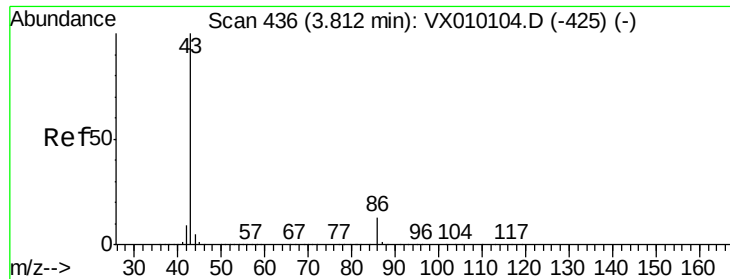
Acq: 07 Jun 2019 13:04

Tgt Ion: 45 Resp: 843518

Ion Ratio Lower Upper

45	100		
43	62.5	65.0	97.4#
87	34.1	17.3	25.9#
59	12.1	8.1	12.1





#23

Vinyl Acetate

Concen: 504.551 ug/l

RT: 3.82 min Scan# 437

Delta R.T. 0.01 min

Lab File: VX010105.D

Acq: 07 Jun 2019 13:04

Instrument :

MSVOA_X

ClientSampleId :

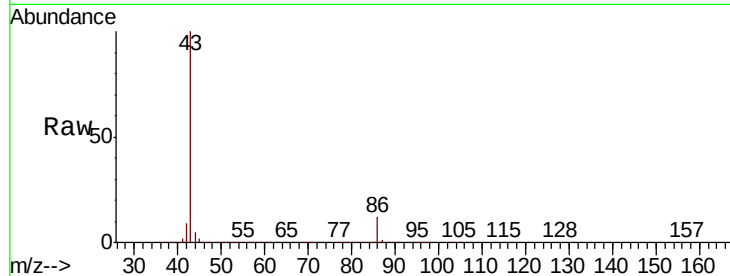
VSTDIC100

Tgt Ion: 43 Resp: 3777933

Ion Ratio Lower Upper

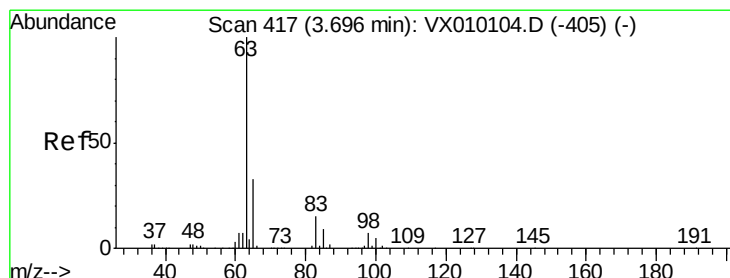
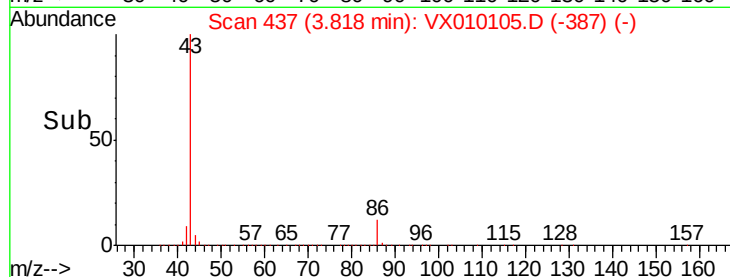
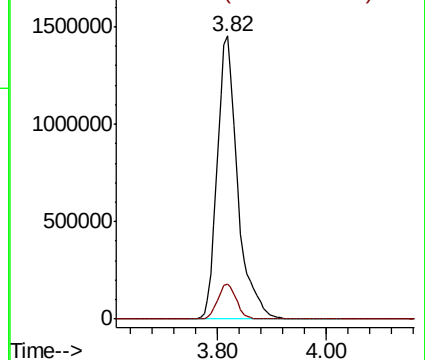
43 100

86 12.5 6.5 9.7#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 102.577 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX010105.D

Acq: 07 Jun 2019 13:04

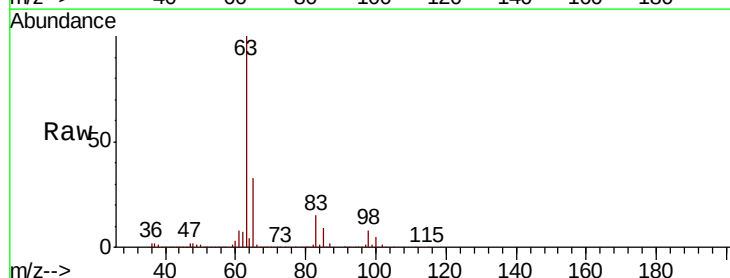
Tgt Ion: 63 Resp: 501357

Ion Ratio Lower Upper

63 100

98 7.5 2.9 8.8

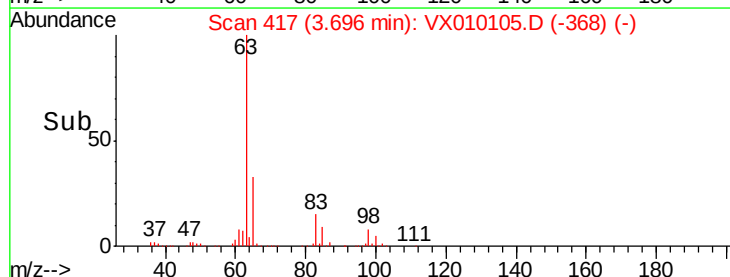
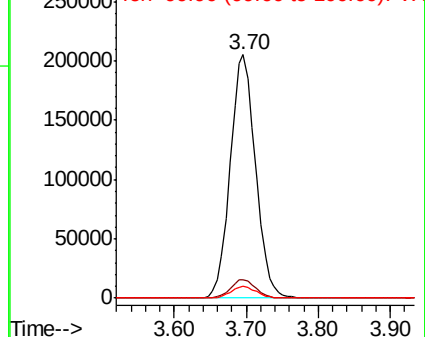
100 4.9 1.8 5.4

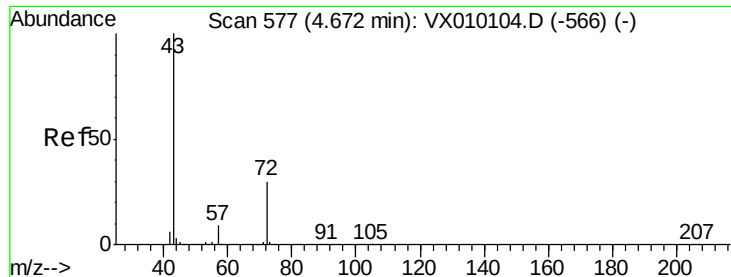


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 507.418 ug/l

RT: 4.68 min Scan# 578

Delta R.T. 0.01 min

Lab File: VX010105.D

Acq: 07 Jun 2019 13:04

Instrument :

MSVOA_X

ClientSampleId :

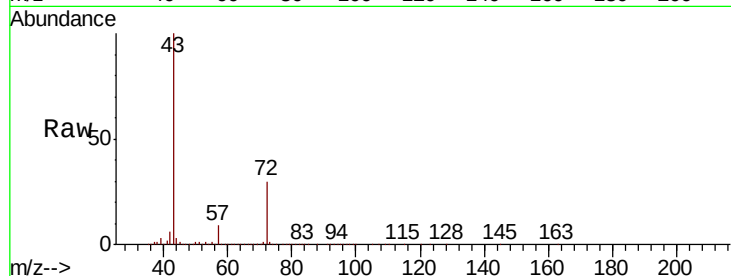
VSTDIC100

Tgt Ion: 43 Resp: 1114530

Ion Ratio Lower Upper

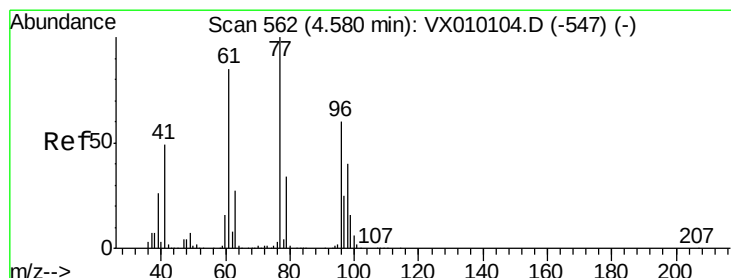
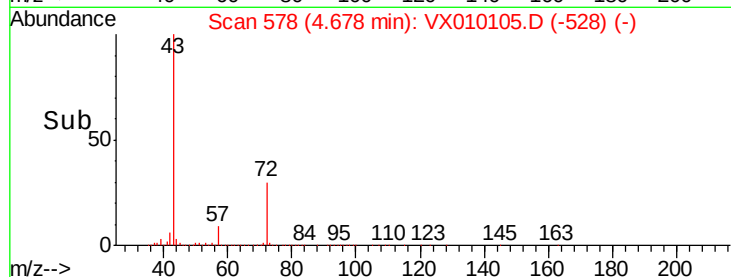
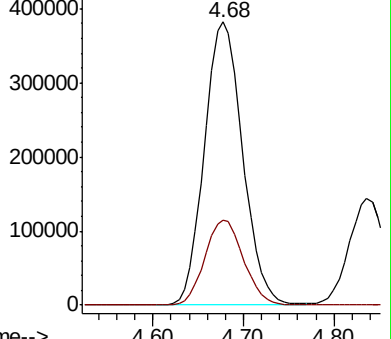
43 100

72 30.0 17.5 26.3#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 100.527 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX010105.D

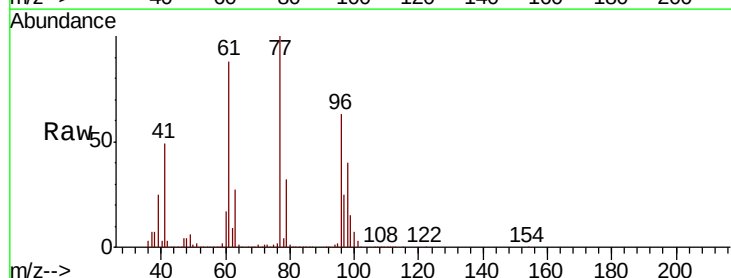
Acq: 07 Jun 2019 13:04

Tgt Ion: 77 Resp: 452283

Ion Ratio Lower Upper

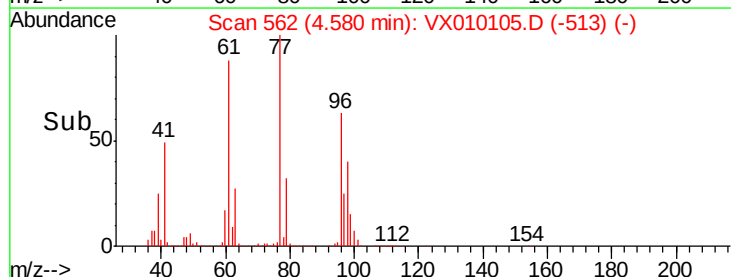
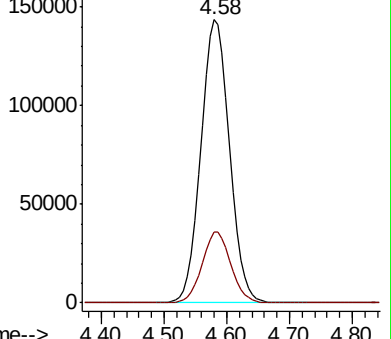
77 100

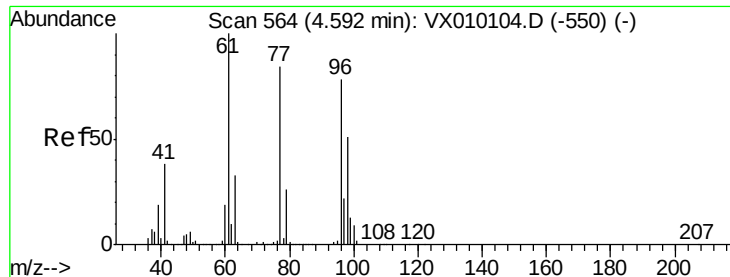
97 25.1 11.4 34.2



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



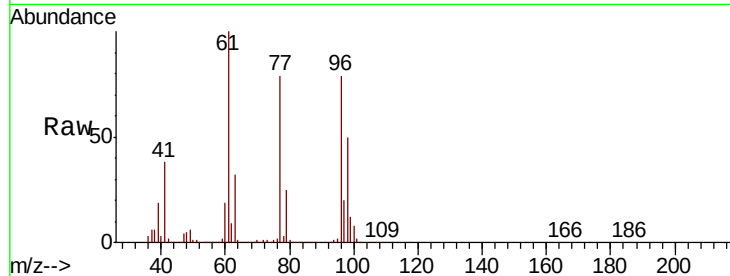


#27

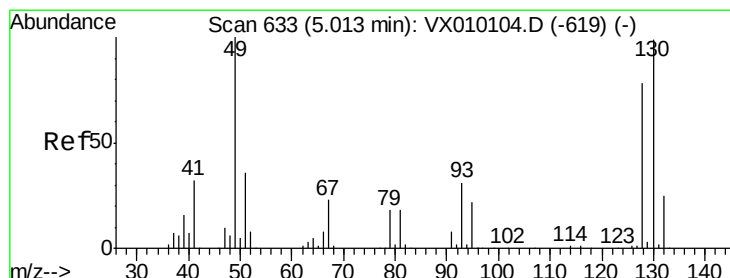
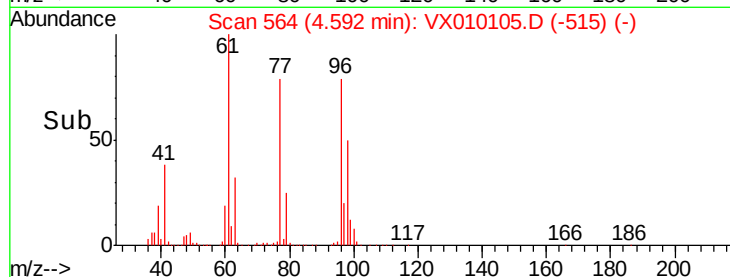
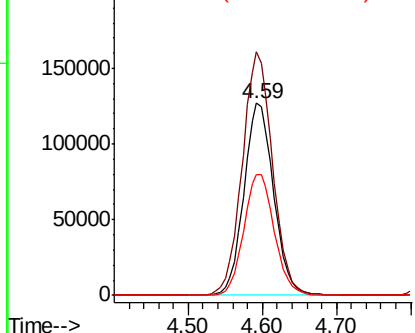
cis-1,2-Dichloroethene
Concen: 102.065 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.00 min
Lab File: VX010105.D
Acq: 07 Jun 2019 13:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion: 96 Resp: 355322
Ion Ratio Lower Upper
96 100
61 130.0 0.0 334.0
98 64.4 0.0 131.6



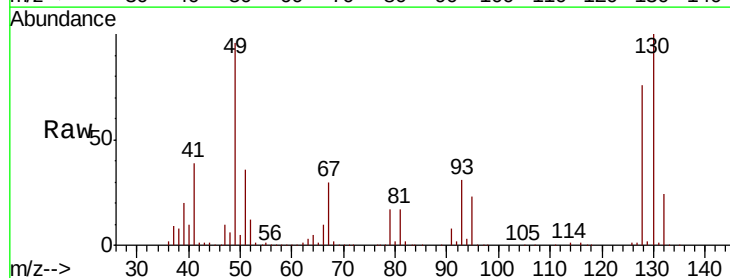
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



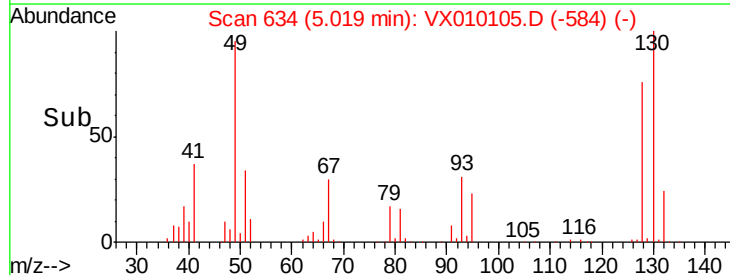
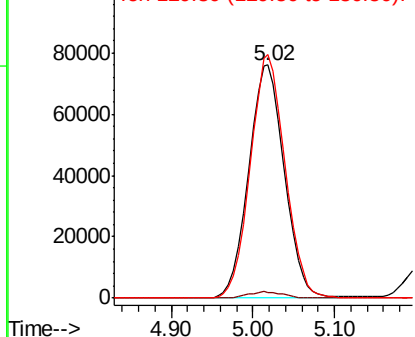
#28

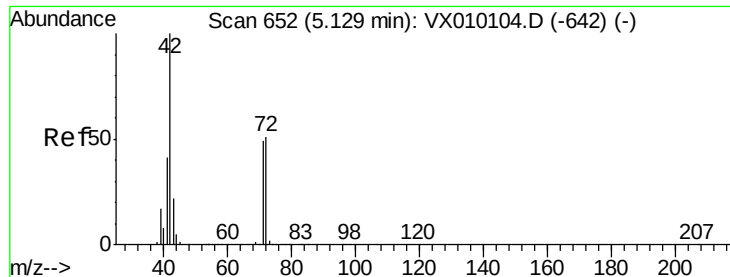
Bromochloromethane
Concen: 104.801 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.01 min
Lab File: VX010105.D
Acq: 07 Jun 2019 13:04

Tgt Ion: 49 Resp: 231433
Ion Ratio Lower Upper
49 100
129 2.8 0.0 3.4
130 102.1 49.4 74.2#



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

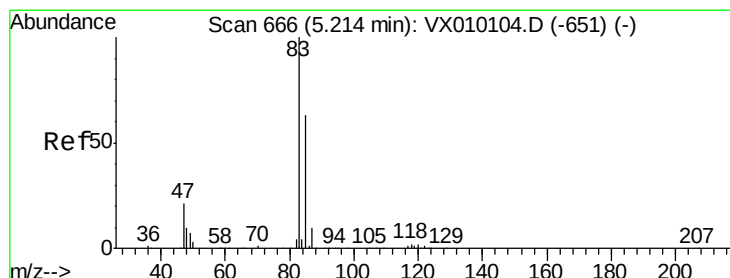
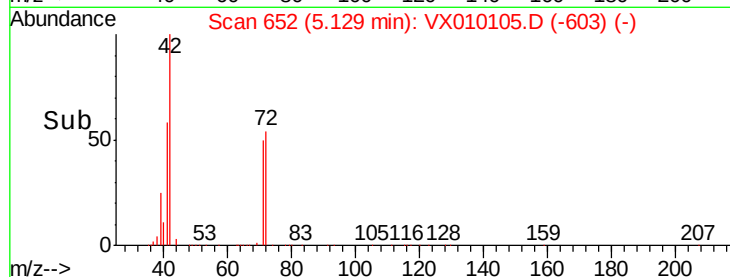
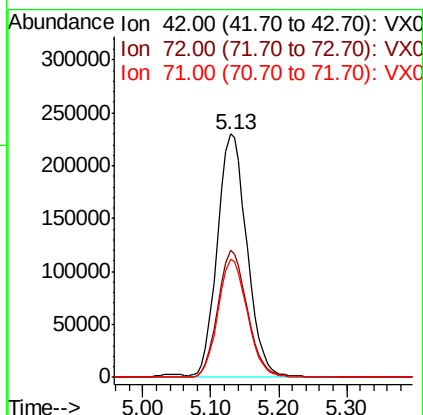
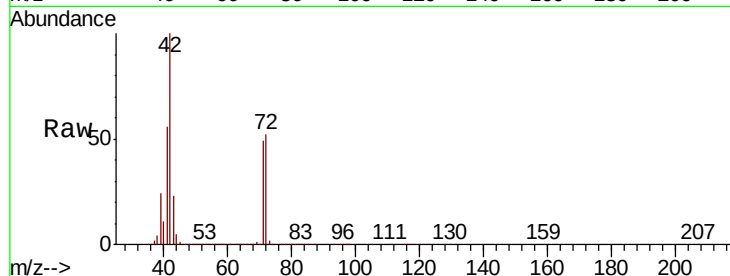




#29
Tetrahydrofuran
Concen: 511.161 ug/l
RT: 5.13 min Scan# 652
Delta R.T. -0.00 min
Lab File: VX010105.D
Acq: 07 Jun 2019 13:04

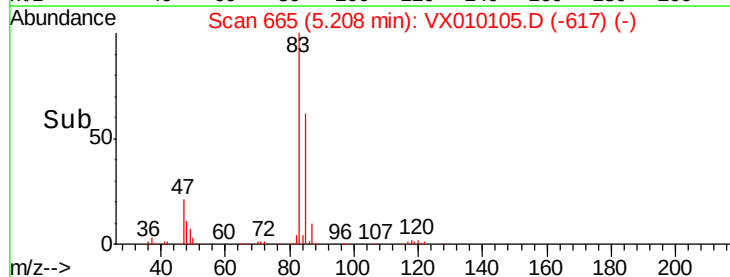
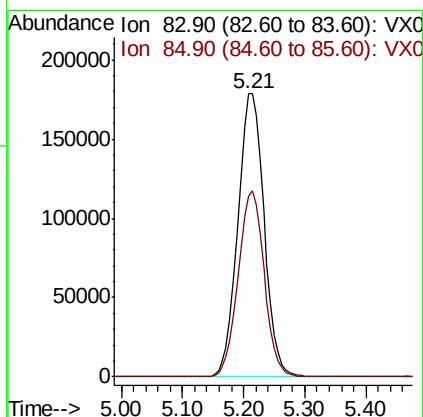
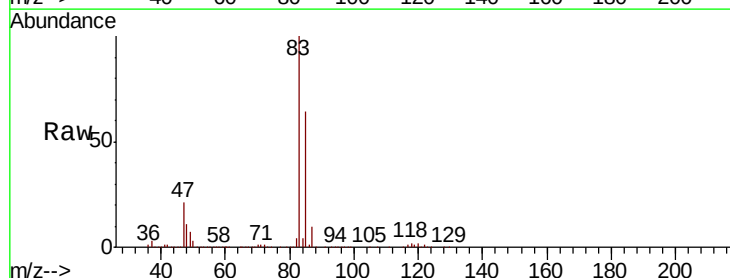
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

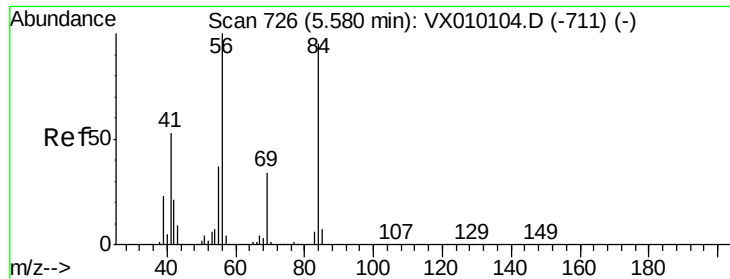
Tgt Ion: 42 Resp: 693728
Ion Ratio Lower Upper
42 100
72 52.3 29.2 43.8#
71 48.1 27.6 41.4#



#30
Chloroform
Concen: 102.300 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.01 min
Lab File: VX010105.D
Acq: 07 Jun 2019 13:04

Tgt Ion: 83 Resp: 529435
Ion Ratio Lower Upper
83 100
85 64.0 52.6 78.8

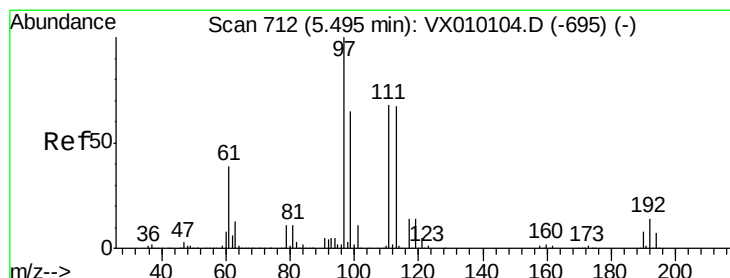
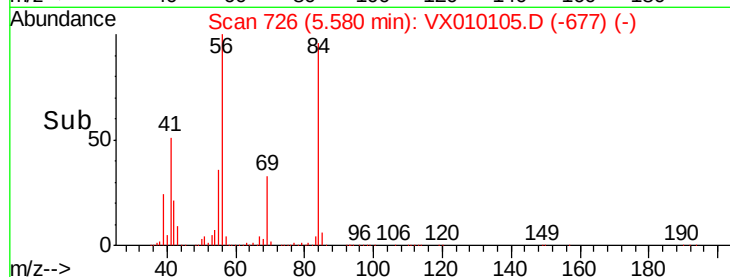
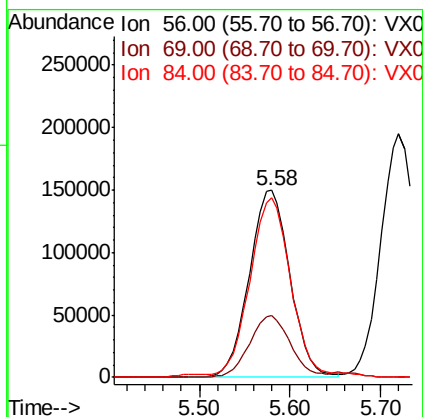
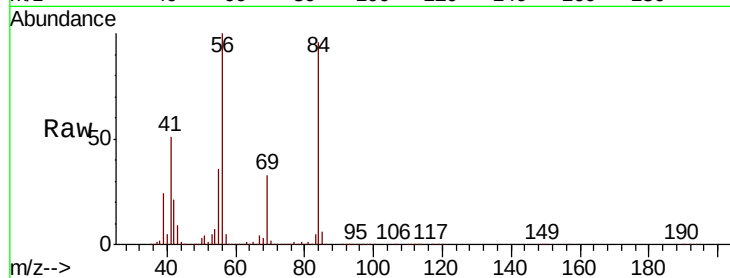




#31
Cyclohexane
Concen: 101.739 ug/l
RT: 5.58 min Scan# 726
Delta R.T. -0.00 min
Lab File: VX010105.D
Acq: 07 Jun 2019 13:04

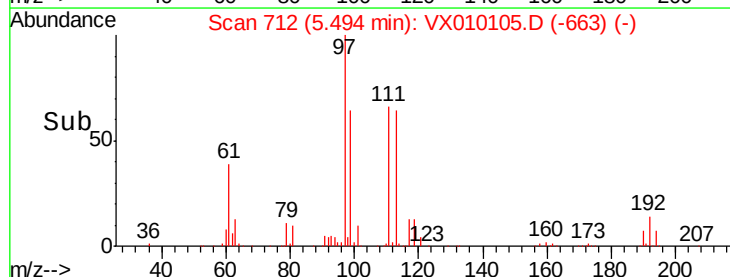
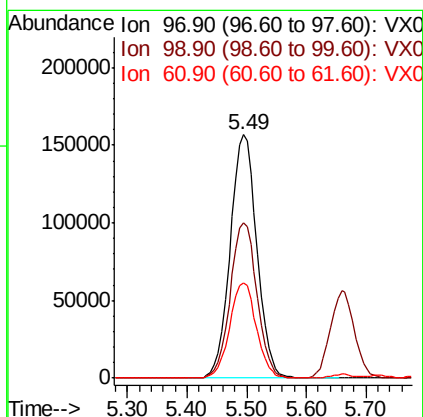
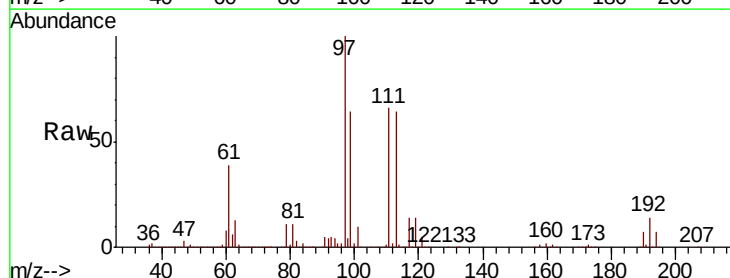
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

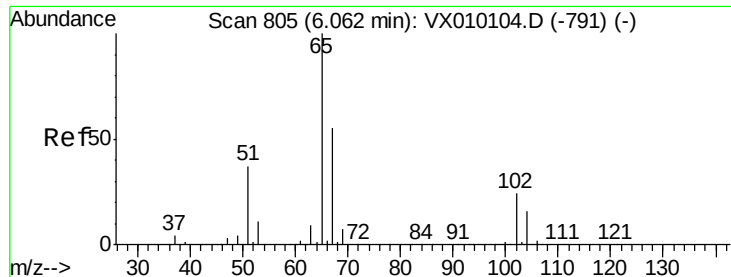
Tgt Ion: 56 Resp: 464107
Ion Ratio Lower Upper
56 100
69 33.2 21.6 32.4#
84 94.7 56.8 85.2#



#32
1,1,1-Trichloroethane
Concen: 102.748 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.00 min
Lab File: VX010105.D
Acq: 07 Jun 2019 13:04

Tgt Ion: 97 Resp: 484672
Ion Ratio Lower Upper
97 100
99 64.4 51.0 76.4
61 39.6 38.7 58.1

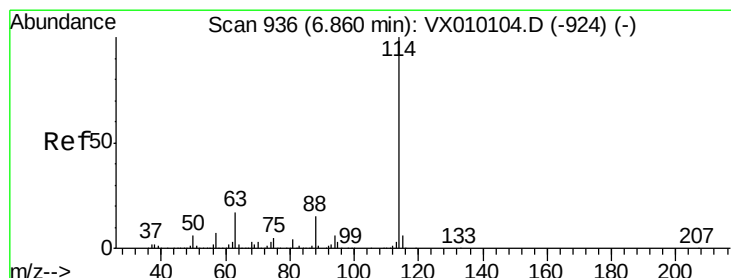
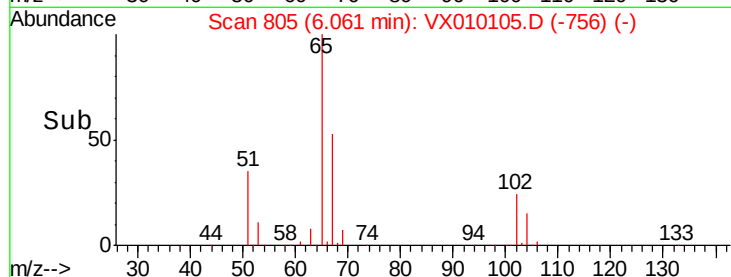
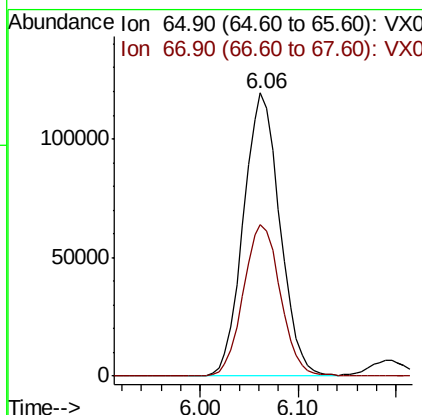
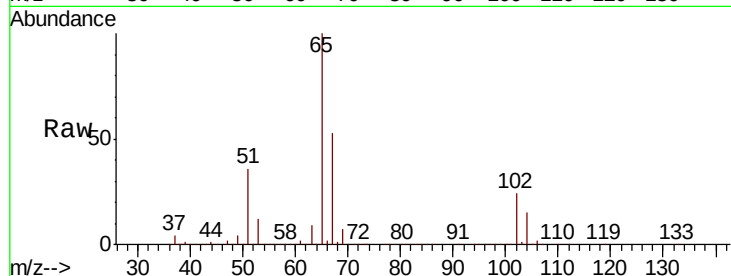




#33
 1,2-Dichloroethane-d4
 Concen: 100.585 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX010105.D
 Acq: 07 Jun 2019 13:04

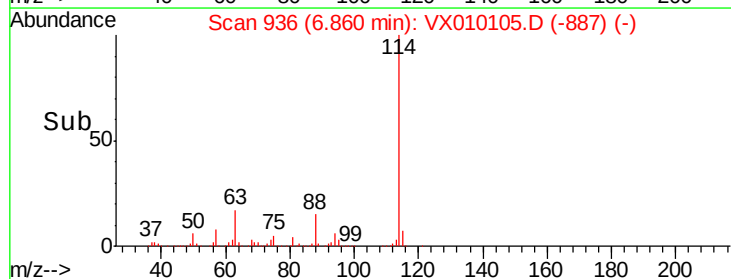
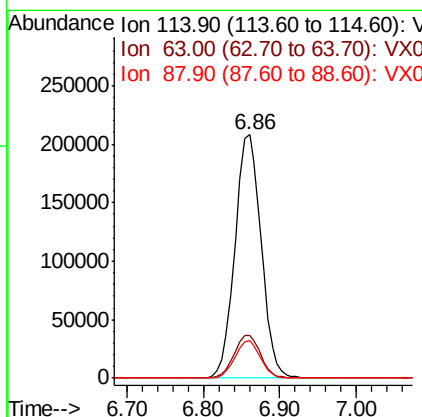
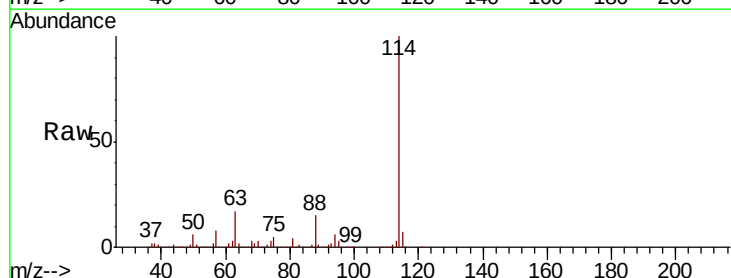
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

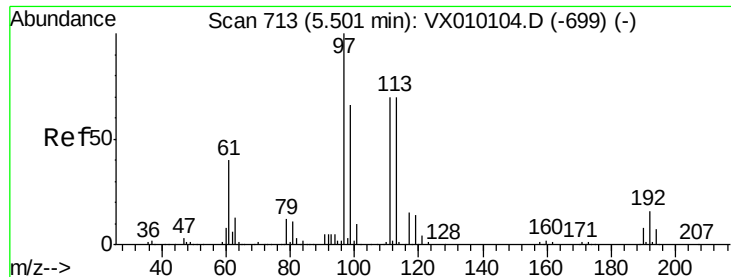
Tgt Ion: 65 Resp: 308980
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 108.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX010105.D
 Acq: 07 Jun 2019 13:04

Tgt Ion: 114 Resp: 494784
 Ion Ratio Lower Upper
 114 100
 63 17.3 0.0 47.4
 88 15.2 0.0 33.0

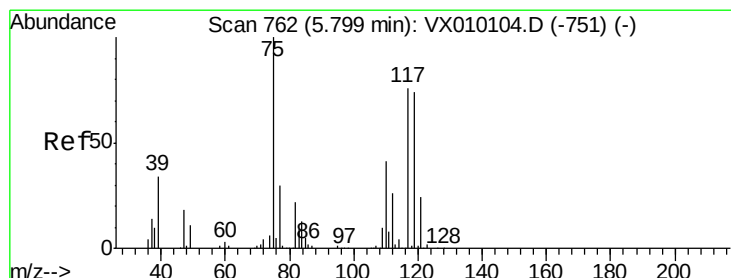
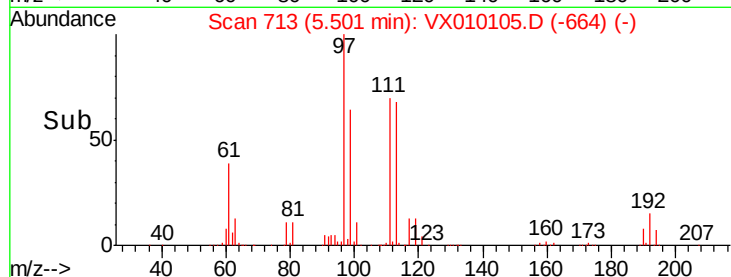
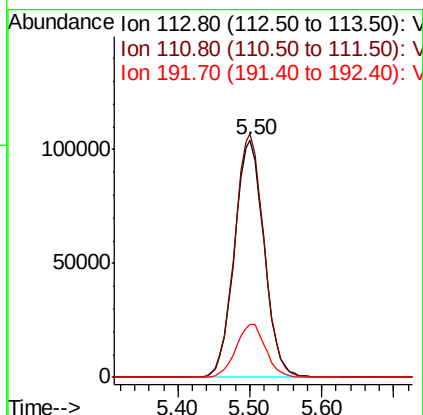
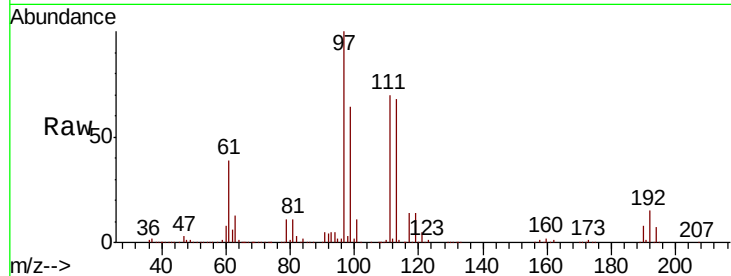




#35
 Dibromofluoromethane
 Concen: 99.249 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX010105.D
 Acq: 07 Jun 2019 13:04

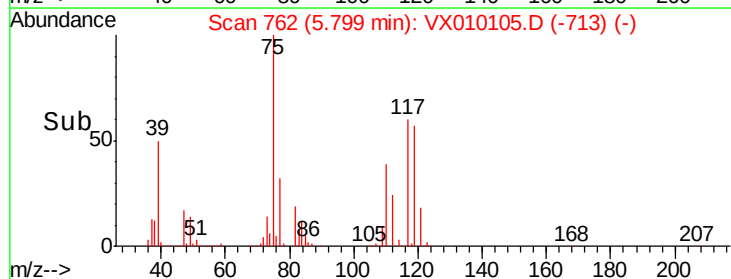
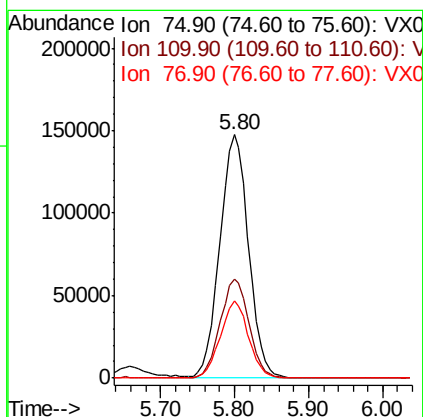
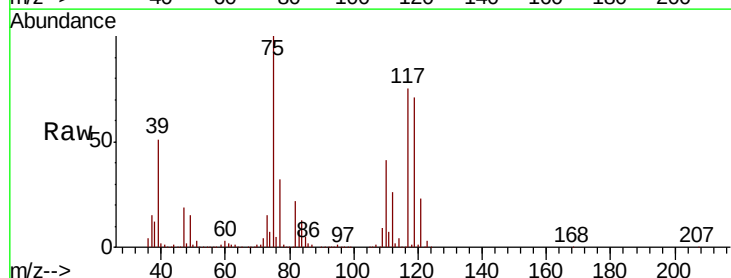
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

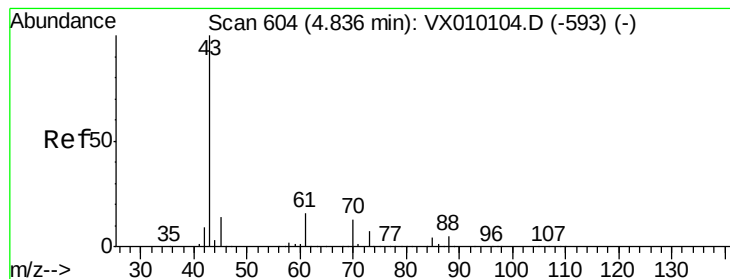
Tgt Ion: 113 Resp: 297033
 Ion Ratio Lower Upper
 113 100
 111 102.3 82.2 123.2
 192 22.4 17.1 25.7



#36
 1,1-Dichloropropene
 Concen: 102.404 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: VX010105.D
 Acq: 07 Jun 2019 13:04

Tgt Ion: 75 Resp: 395797
 Ion Ratio Lower Upper
 75 100
 110 40.8 16.7 50.1
 77 31.0 25.0 37.4





#37

Ethyl Acetate

Concen: 102.832 ug/l

RT: 4.84 min Scan# 604

Delta R.T. -0.00 min

Lab File: VX010105.D

Acq: 07 Jun 2019 13:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

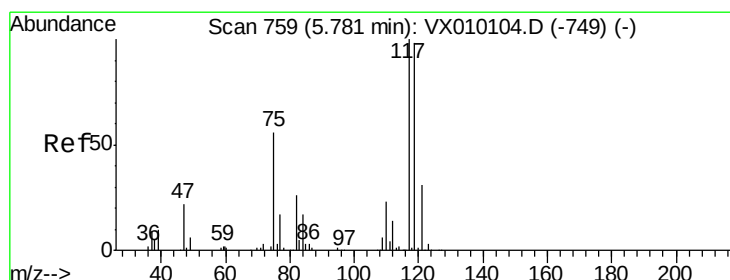
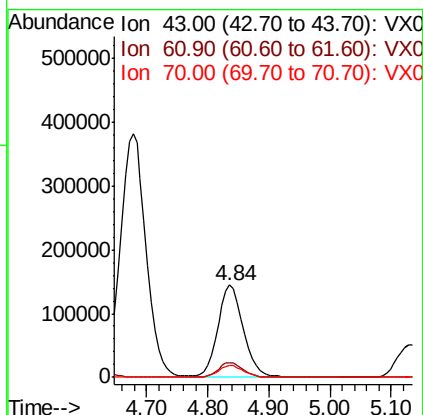
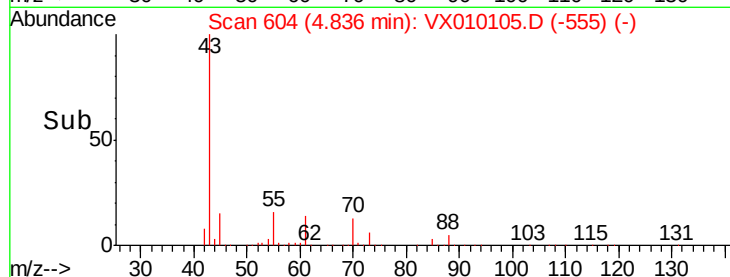
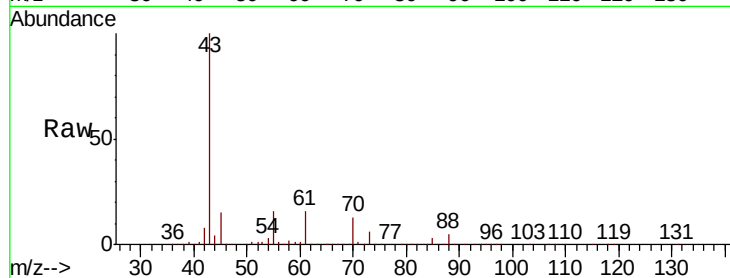
Tgt Ion: 43 Resp: 418401

Ion Ratio Lower Upper

43 100

61 15.5 10.2 15.2#

70 12.9 7.4 11.2#



#38

Carbon Tetrachloride

Concen: 100.819 ug/l

RT: 5.78 min Scan# 759

Delta R.T. -0.00 min

Lab File: VX010105.D

Acq: 07 Jun 2019 13:04

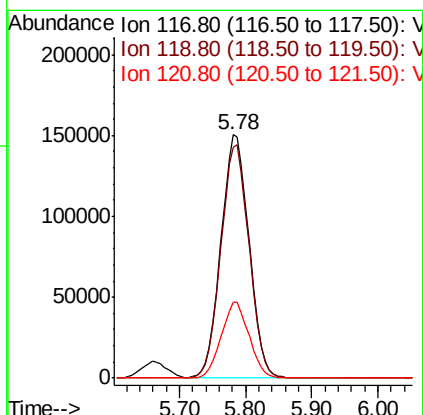
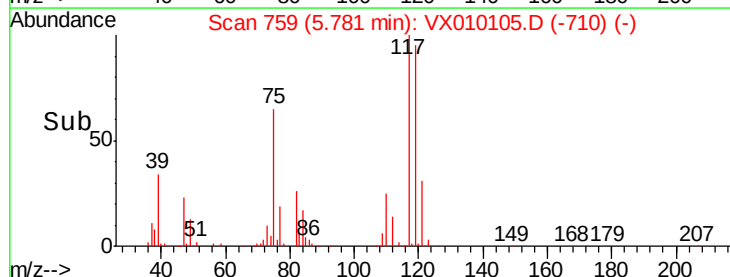
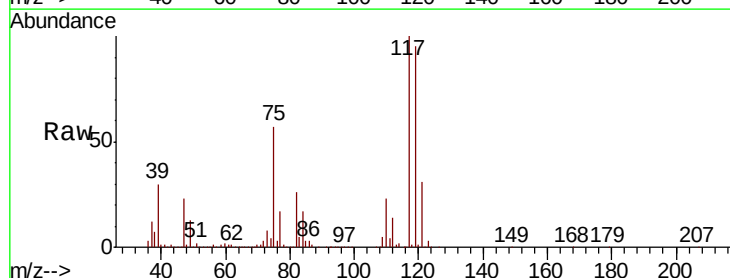
Tgt Ion: 117 Resp: 441436

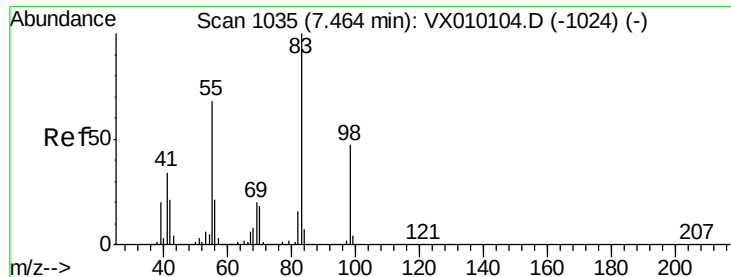
Ion Ratio Lower Upper

117 100

119 94.9 77.3 115.9

121 31.3 25.4 38.0

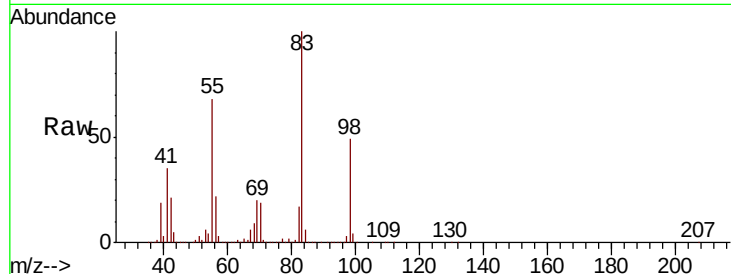




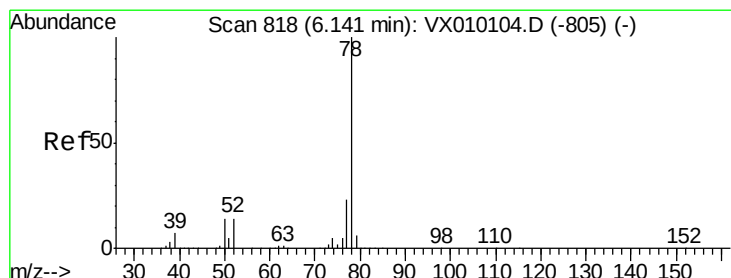
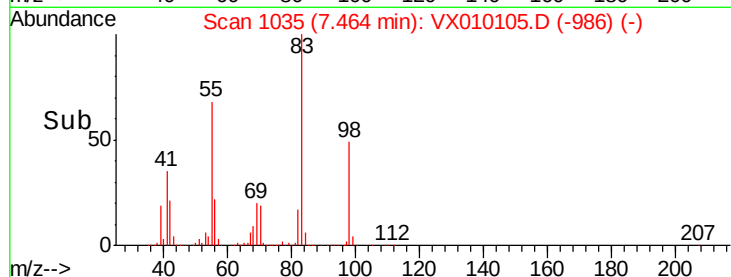
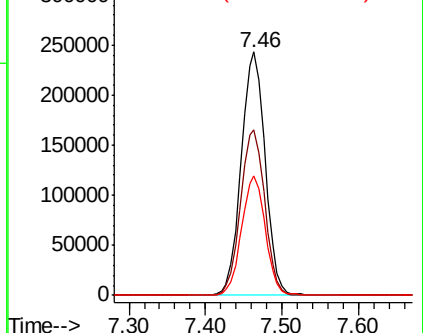
#39
Methylcyclohexane
Concen: 100.804 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX010105.D
Acq: 07 Jun 2019 13:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 83 Resp: 527390
Ion Ratio Lower Upper
83 100
55 68.0 69.9 104.9#
98 49.2 35.1 52.7

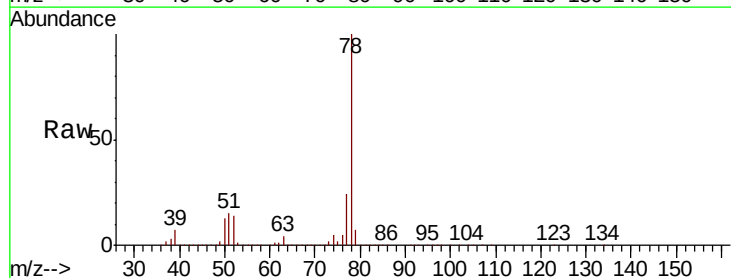


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

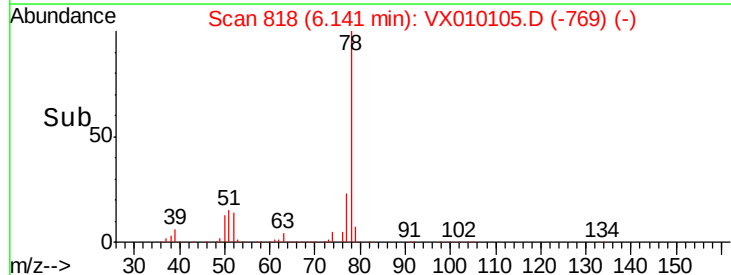
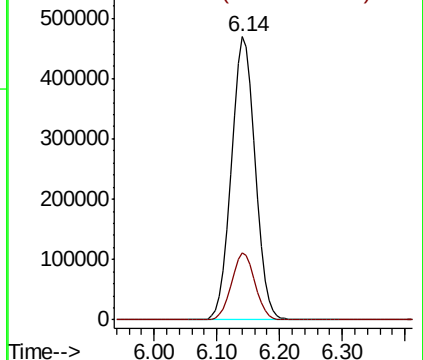


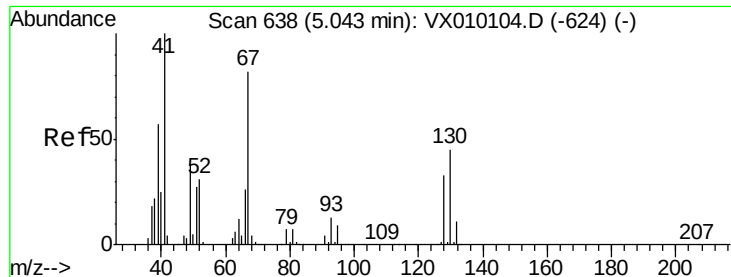
#40
Benzene
Concen: 101.233 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX010105.D
Acq: 07 Jun 2019 13:04

Tgt Ion: 78 Resp: 1231156
Ion Ratio Lower Upper
78 100
77 23.8 19.2 28.8



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0

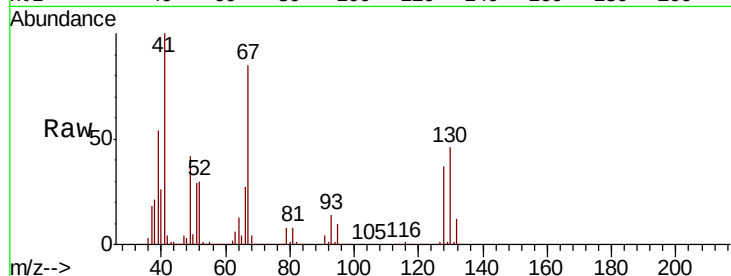




#41
Methacrylonitrile
Concen: 100.910 ug/l
RT: 5.04 min Scan# 638
Delta R.T. -0.00 min
Lab File: VX010105.D
Acq: 07 Jun 2019 13:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion	Resp	Lower	Upper
41	100		
39	54.3	42.2	63.4
67	83.9	48.9	73.3#
52	31.1	20.1	30.1#



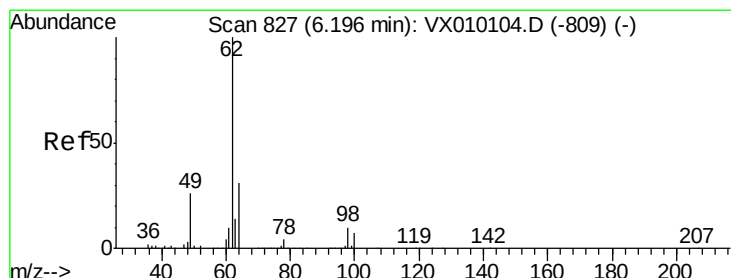
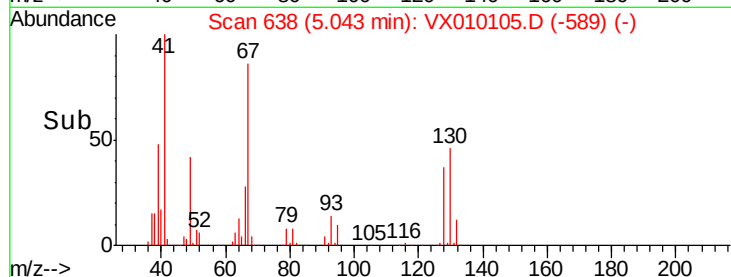
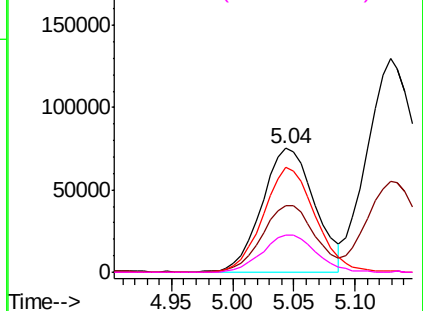
Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

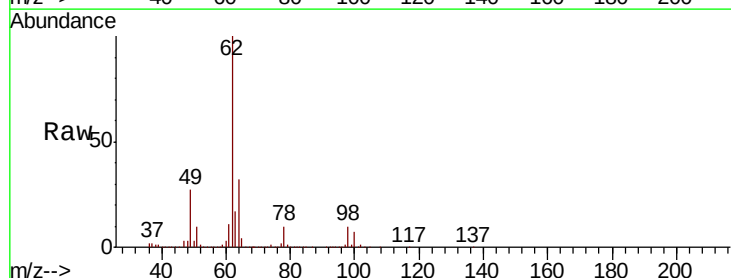
Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42
1,2-Dichloroethane
Concen: 101.993 ug/l
RT: 6.19 min Scan# 826
Delta R.T. -0.01 min
Lab File: VX010105.D
Acq: 07 Jun 2019 13:04

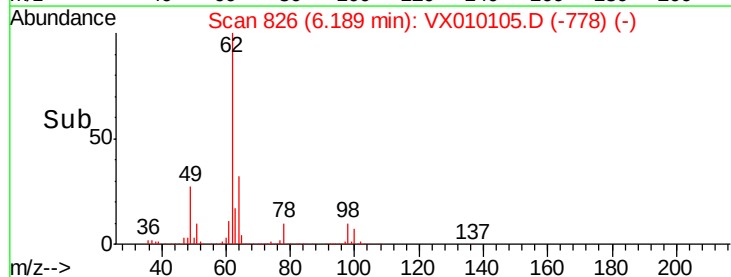
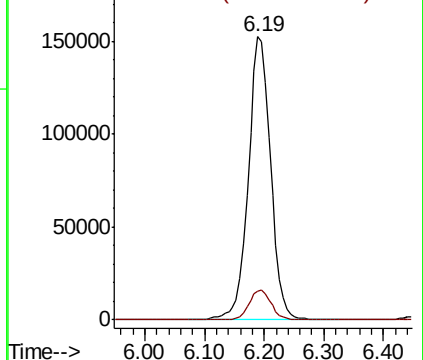
Tgt Ion	Resp	Lower	Upper
62	100		
98	10.5	0.0	17.2

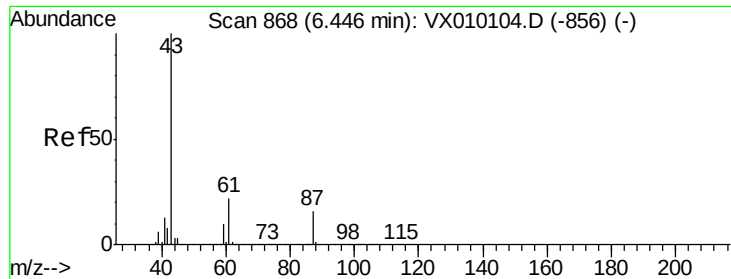


Abundance

Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 102.384 ug/l

RT: 6.45 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX010105.D

Acq: 07 Jun 2019 13:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

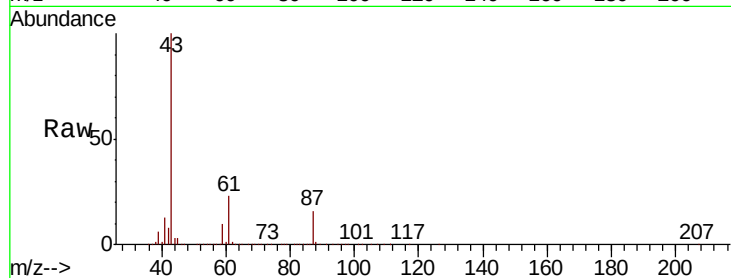
Tgt Ion: 43 Resp: 694045

Ion Ratio Lower Upper

43 100

61 22.5 14.6 21.8#

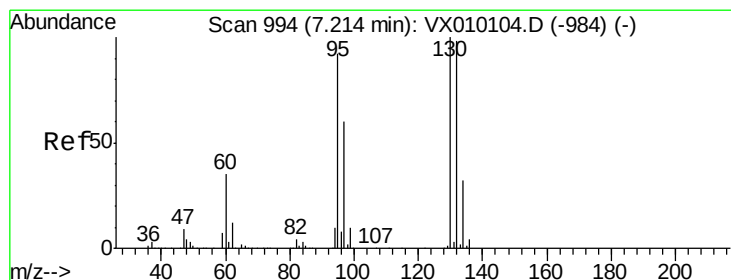
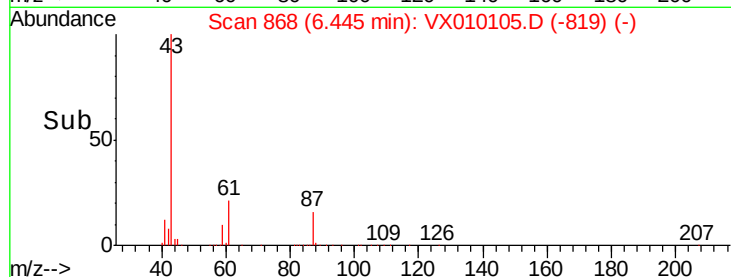
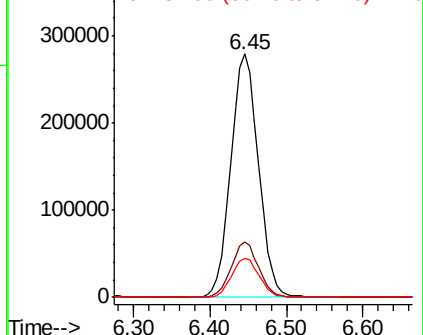
87 16.1 8.7 13.1#



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: 100.851 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX010105.D

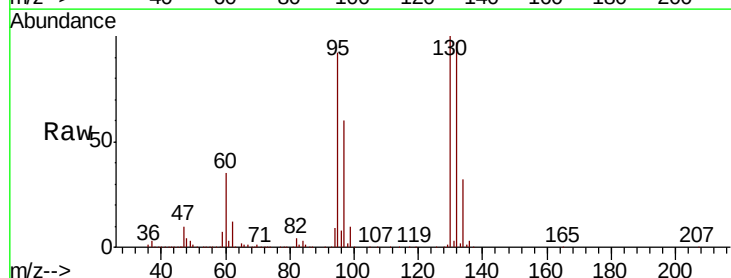
Acq: 07 Jun 2019 13:04

Tgt Ion: 130 Resp: 361891

Ion Ratio Lower Upper

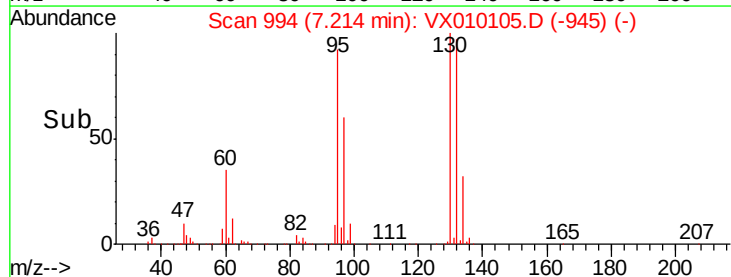
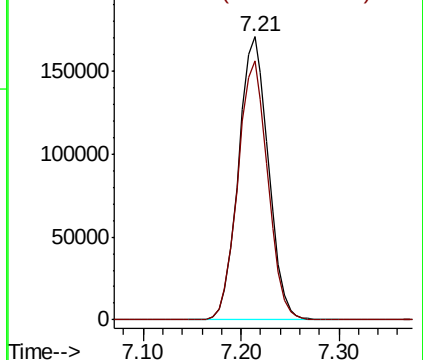
130 100

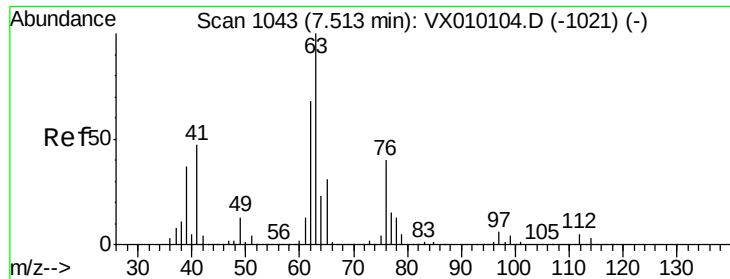
95 91.5 0.0 207.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

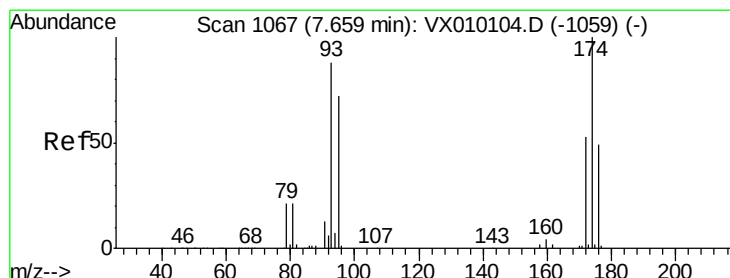
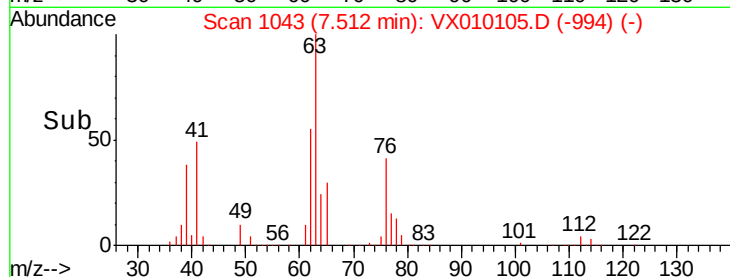
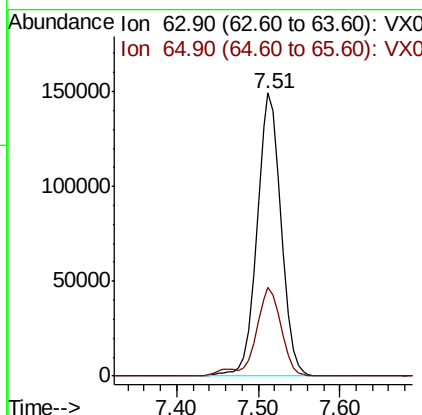
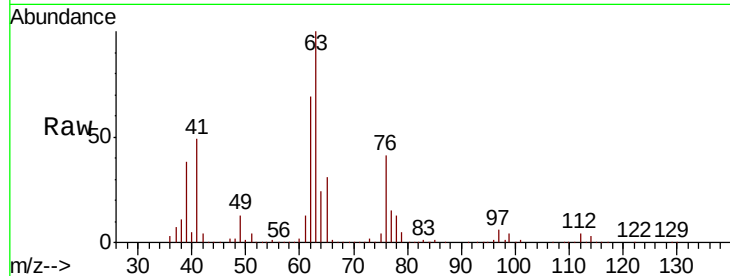




#45
 1,2-Dichloropropane
 Concen: 101.170 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX010105.D
 Acq: 07 Jun 2019 13:04

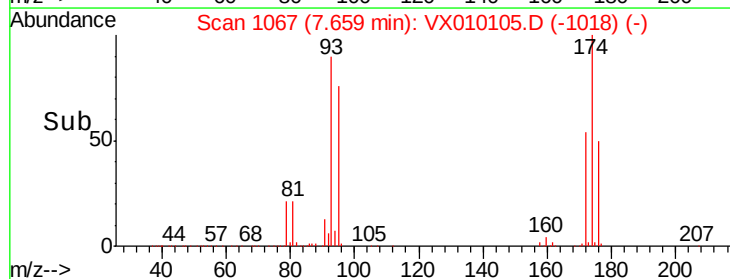
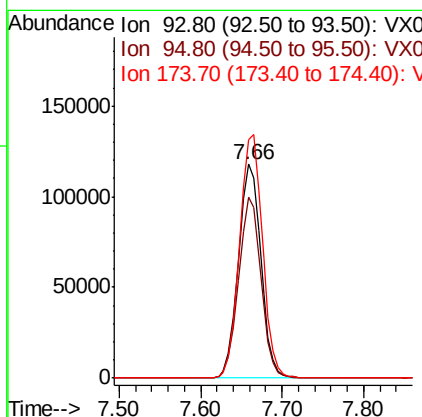
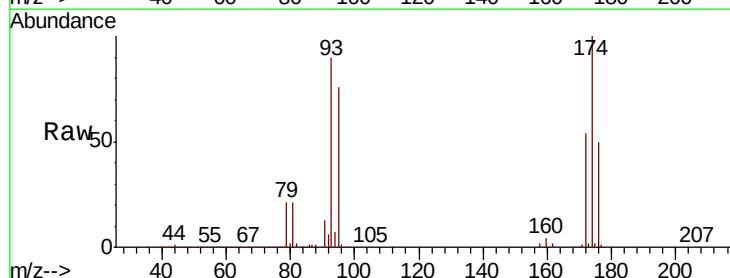
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

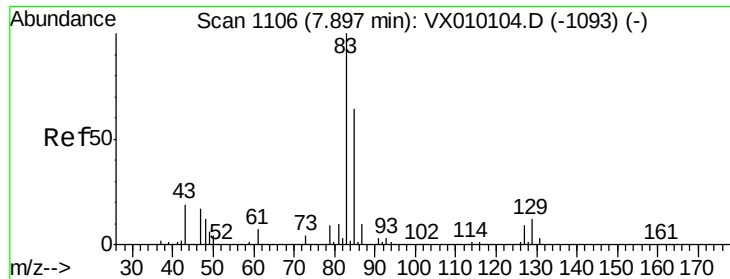
Tgt Ion: 63 Resp: 307567
 Ion Ratio Lower Upper
 63 100
 65 31.3 25.7 38.5



#46
 Dibromomethane
 Concen: 102.298 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX010105.D
 Acq: 07 Jun 2019 13:04

Tgt Ion: 93 Resp: 223945
 Ion Ratio Lower Upper
 93 100
 95 83.8 66.8 100.2
 174 116.3 81.9 122.9





#47

Bromodichloromethane

Concen: 102.018 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX010105.D

Acq: 07 Jun 2019 13:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

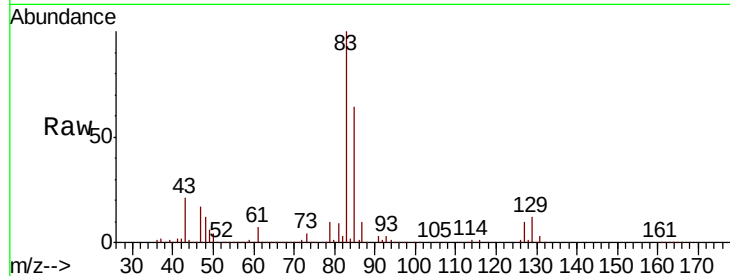
Tgt Ion: 83 Resp: 435541

Ion Ratio Lower Upper

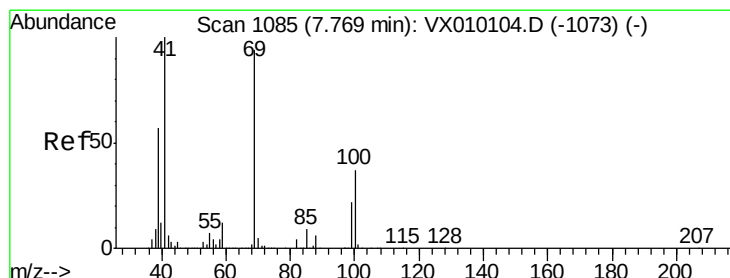
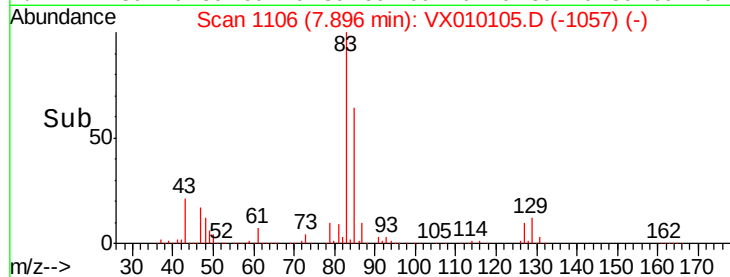
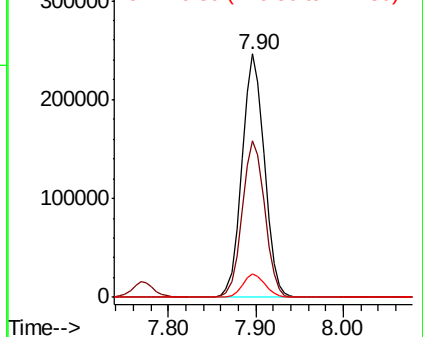
83 100

85 64.4 51.4 77.2

127 9.6 6.4 9.6#



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



#48

Methyl methacrylate

Concen: 100.917 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX010105.D

Acq: 07 Jun 2019 13:04

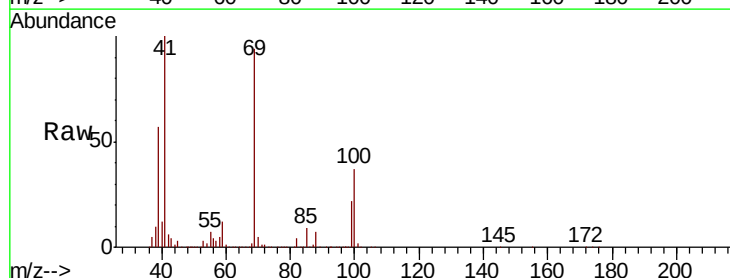
Tgt Ion: 41 Resp: 331540

Ion Ratio Lower Upper

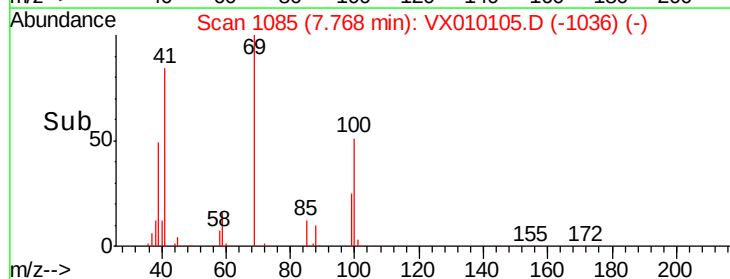
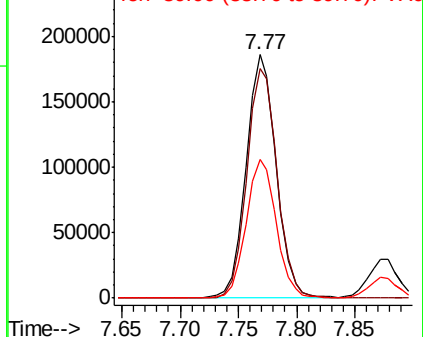
41 100

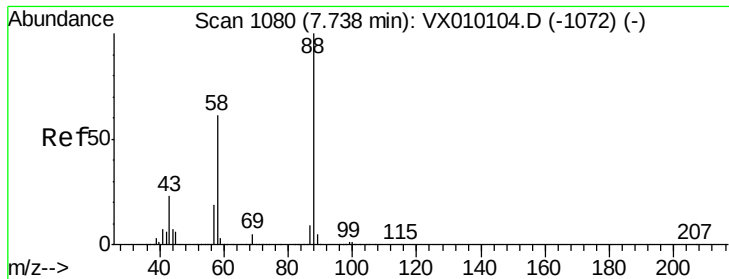
69 95.7 56.4 84.6#

39 57.4 40.6 60.8



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: 1935.525 ug/l

RT: 7.74 min Scan# 1081

Delta R.T. 0.01 min

Lab File: VX010105.D

Acq: 07 Jun 2019 13:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

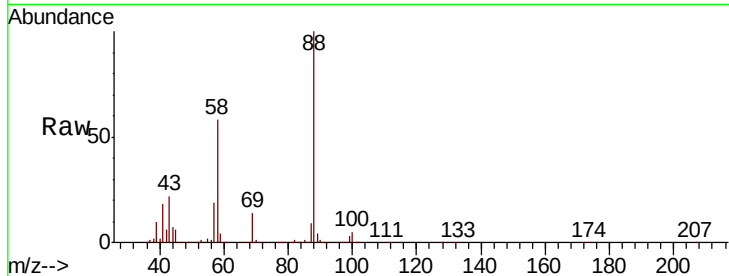
Tgt Ion: 88 Resp: 174868

Ion Ratio Lower Upper

88 100

43 26.8 30.2 45.4#

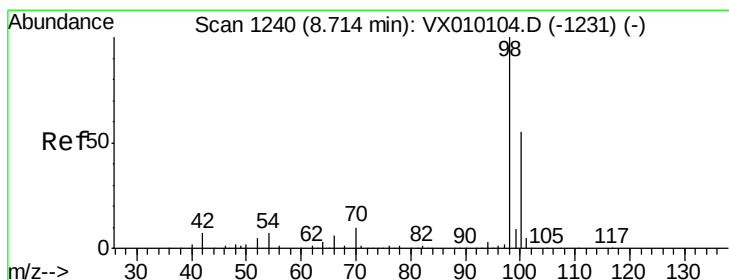
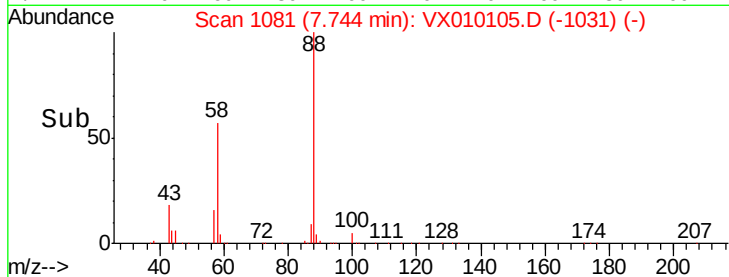
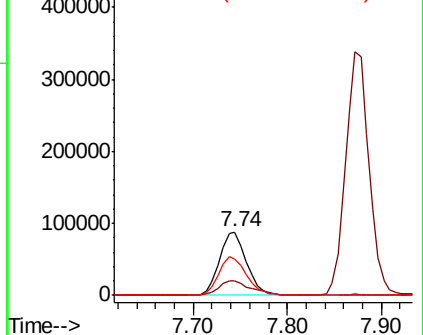
58 62.5 64.0 96.0#



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 98.326 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010105.D

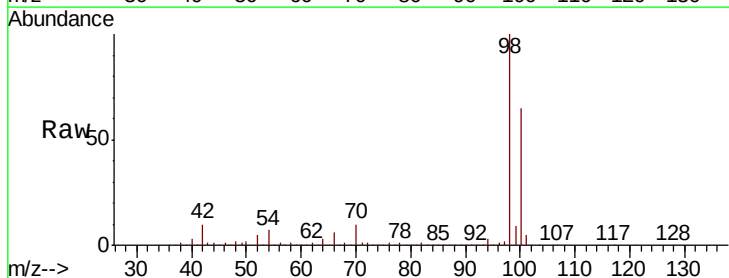
Acq: 07 Jun 2019 13:04

Tgt Ion: 98 Resp: 1119059

Ion Ratio Lower Upper

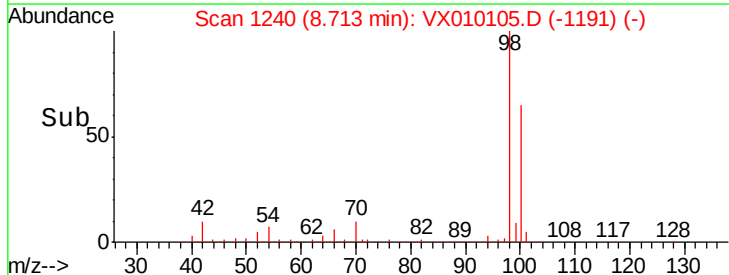
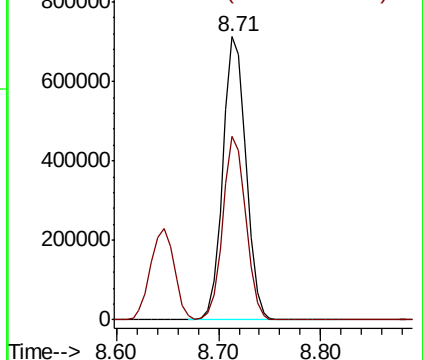
98 100

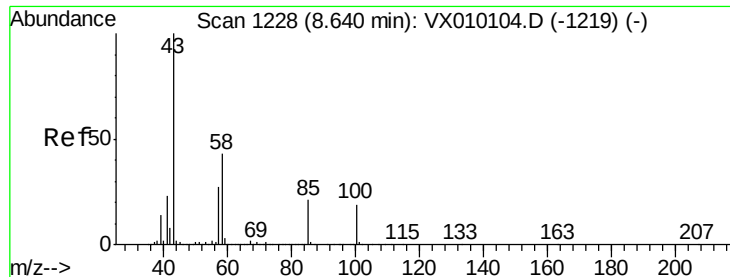
100 64.5 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

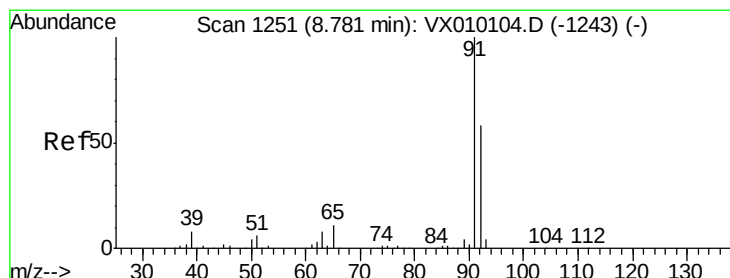
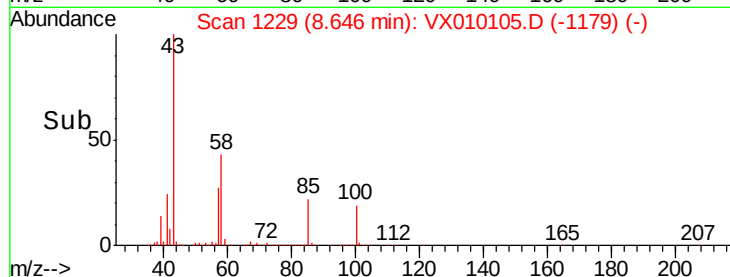
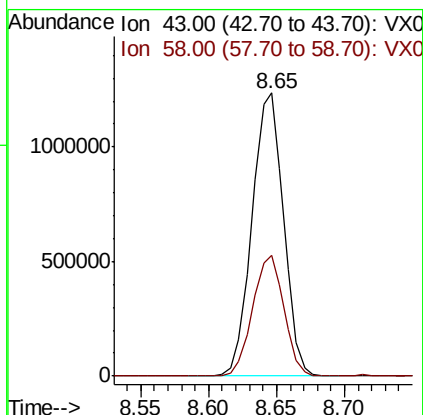
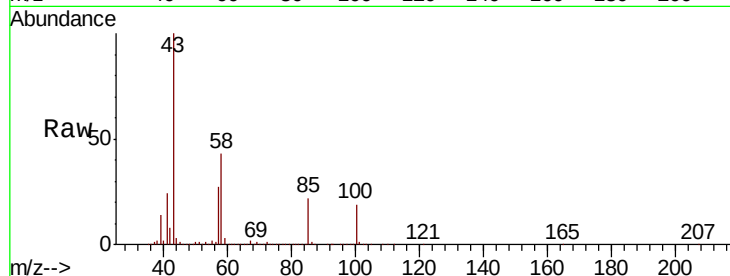




#51
 4-Methyl-2-Pentanone
 Concen: 474.294 ug/l
 RT: 8.65 min Scan# 1229
 Delta R.T. 0.01 min
 Lab File: VX010105.D
 Acq: 07 Jun 2019 13:04

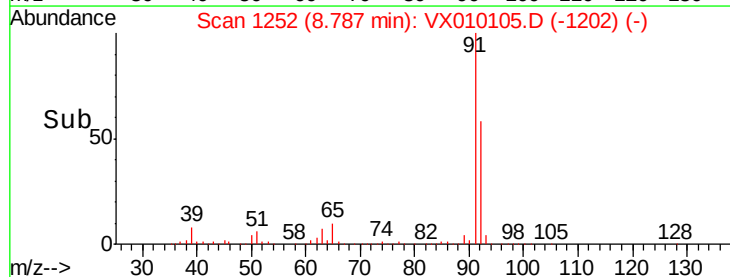
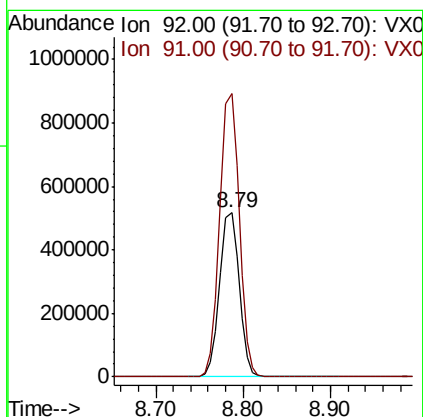
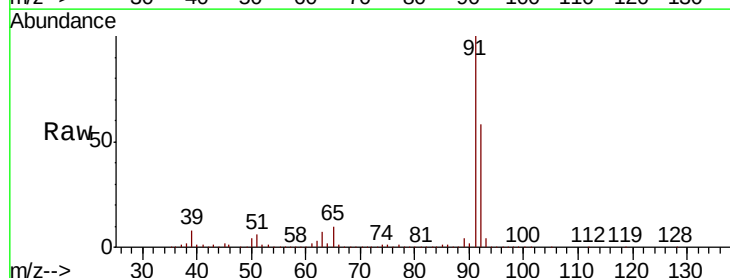
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

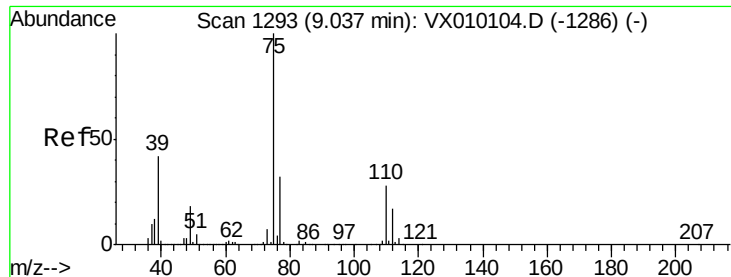
Tgt Ion: 43 Resp: 2008288
 Ion Ratio Lower Upper
 43 100
 58 42.6 28.8 43.2



#52
 Toluene
 Concen: 101.846 ug/l
 RT: 8.79 min Scan# 1252
 Delta R.T. 0.01 min
 Lab File: VX010105.D
 Acq: 07 Jun 2019 13:04

Tgt Ion: 92 Resp: 802903
 Ion Ratio Lower Upper
 92 100
 91 172.7 139.9 209.9

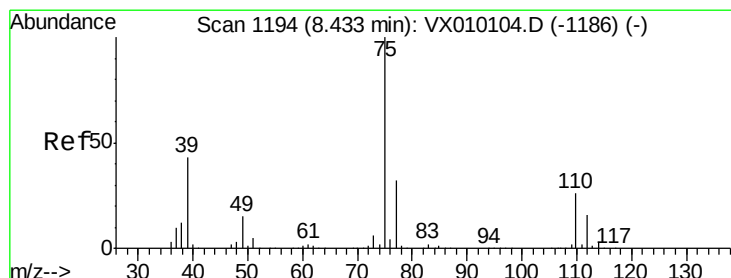
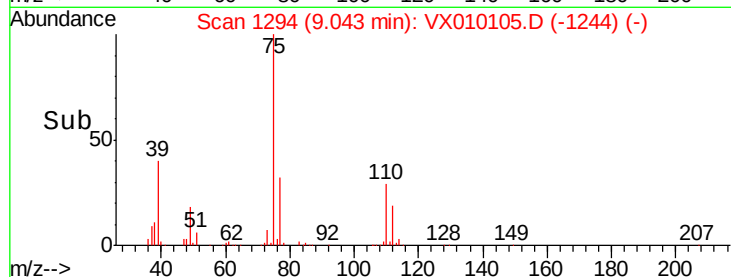
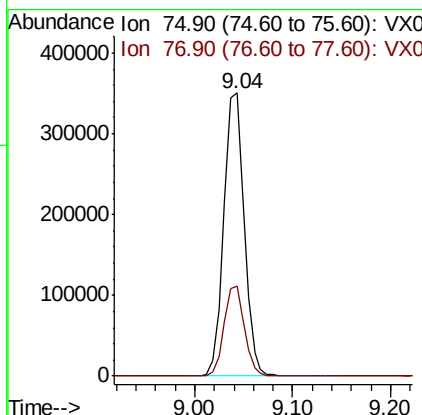
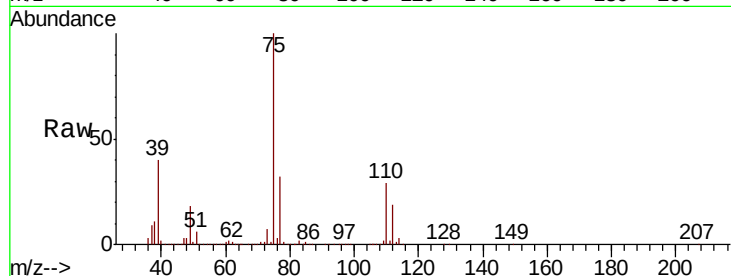




#53
 t-1,3-Dichloropropene
 Concen: 102.937 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. 0.01 min
 Lab File: VX010105.D
 Acq: 07 Jun 2019 13:04

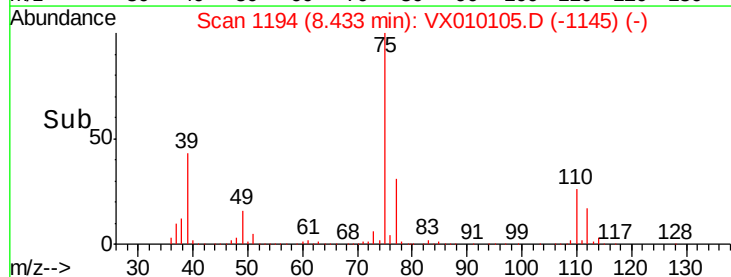
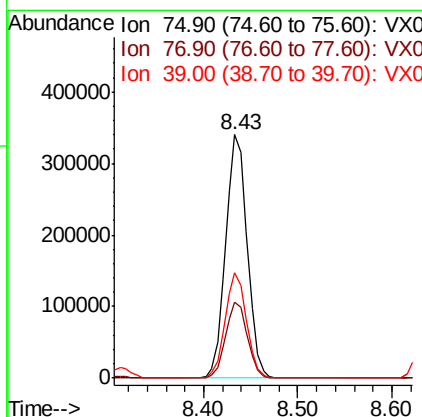
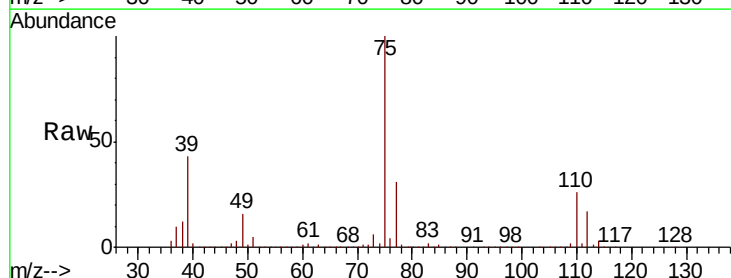
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

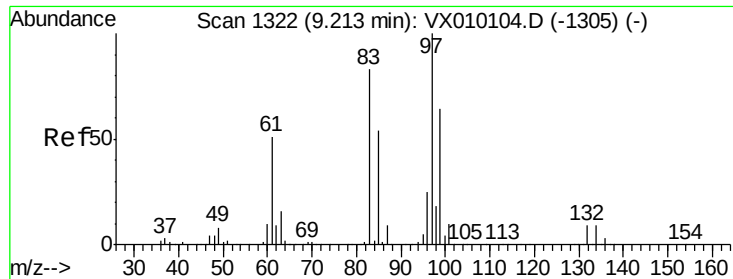
Tgt Ion: 75 Resp: 510409
 Ion Ratio Lower Upper
 75 100
 77 31.6 24.6 36.8



#54
 cis-1,3-Dichloropropene
 Concen: 102.526 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX010105.D
 Acq: 07 Jun 2019 13:04

Tgt Ion: 75 Resp: 539171
 Ion Ratio Lower Upper
 75 100
 77 31.3 24.8 37.2
 39 43.3 43.4 65.0#

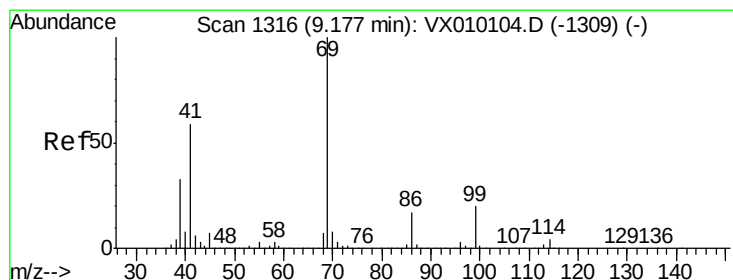
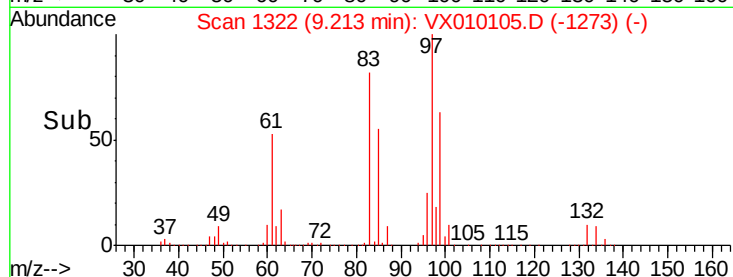
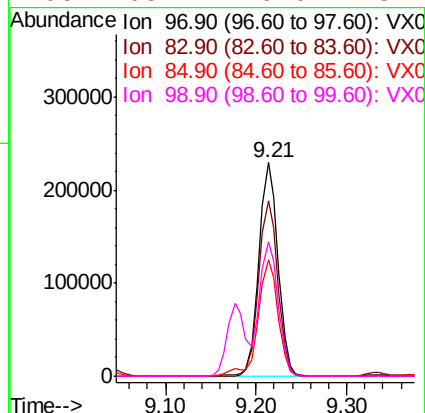
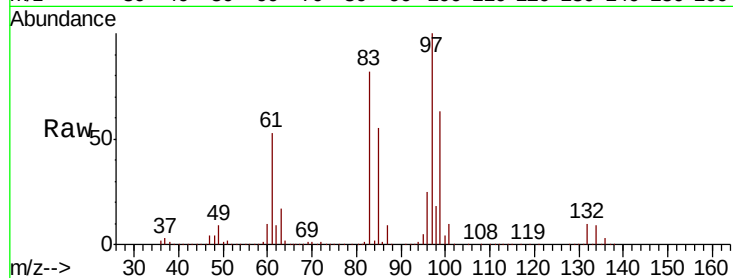




#55
 1,1,2-Trichloroethane
 Concen: 101.168 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX010105.D
 Acq: 07 Jun 2019 13:04

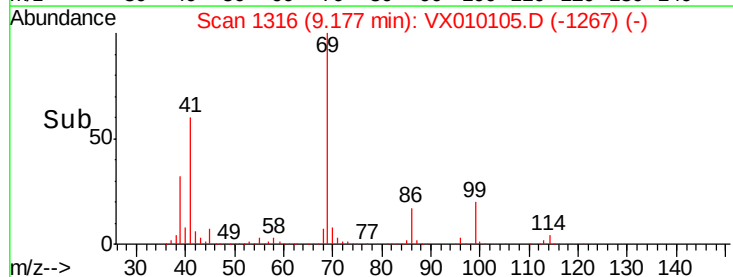
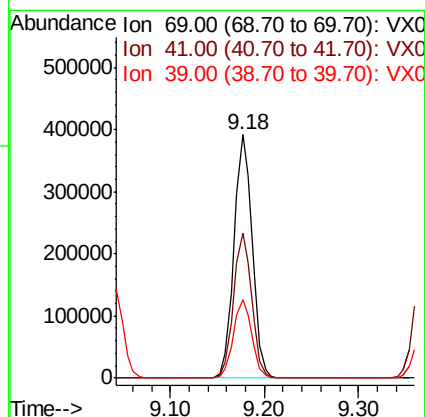
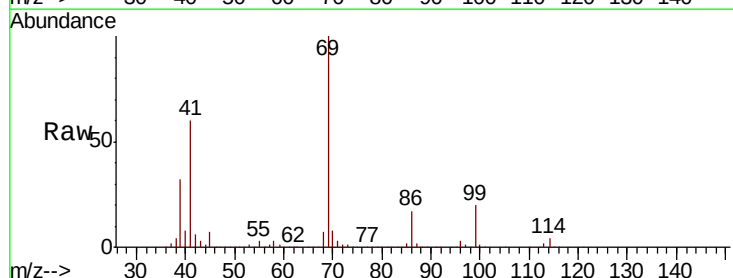
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

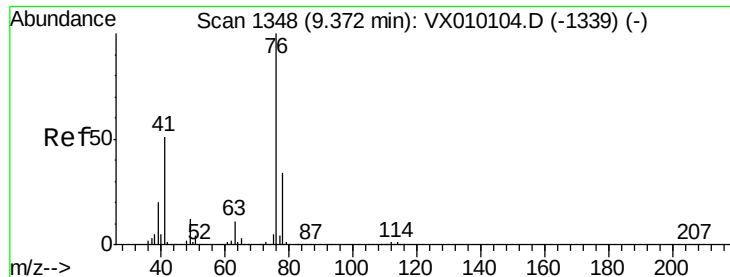
Tgt Ion:	97	Resp:	333836
Ion	Ratio	Lower	Upper
97	100		
83	82.3	69.8	104.8
85	54.5	45.3	67.9
99	63.2	49.0	73.4



#56
 Ethyl methacrylate
 Concen: 99.397 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX010105.D
 Acq: 07 Jun 2019 13:04

Tgt Ion:	69	Resp:	525445
Ion	Ratio	Lower	Upper
69	100		
41	59.2	62.7	94.1#
39	32.5	29.5	44.3

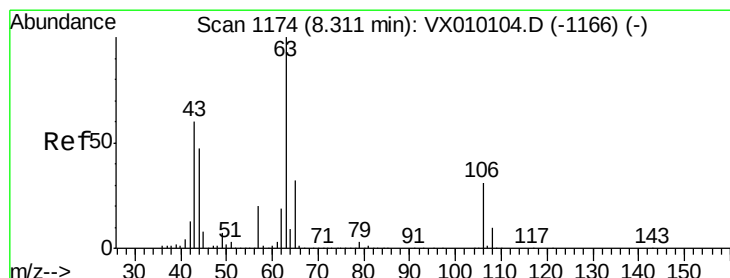
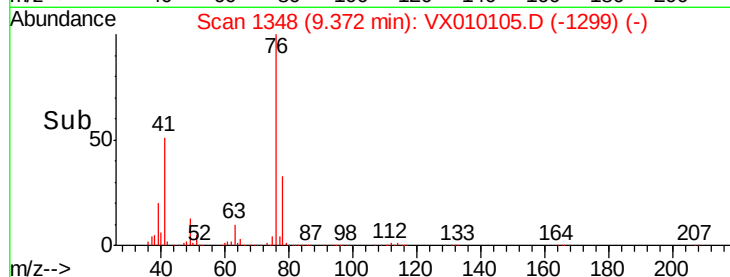
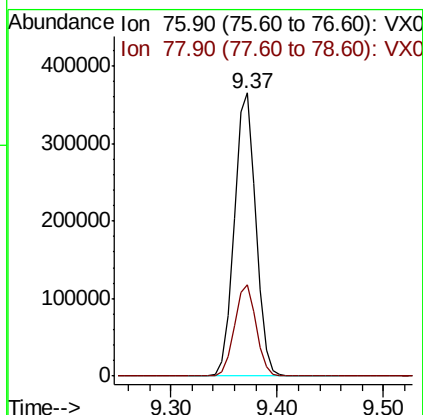
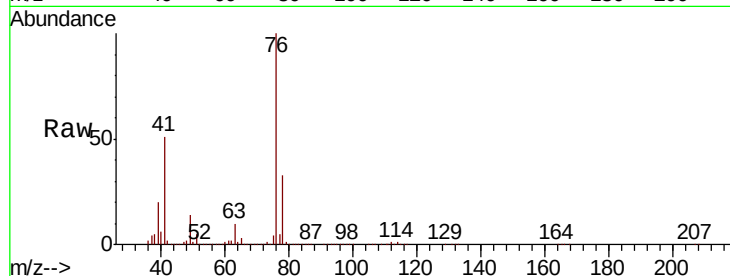




#57
 1,3-Dichloropropane
 Concen: 101.223 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX010105.D
 Acq: 07 Jun 2019 13:04

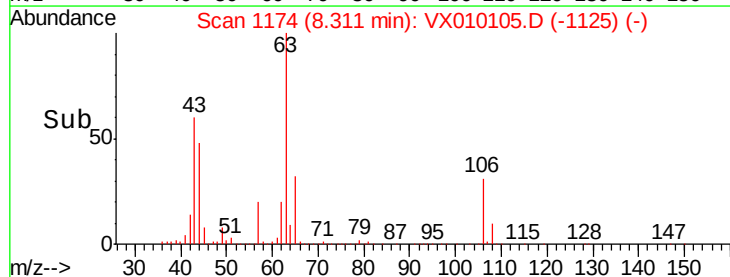
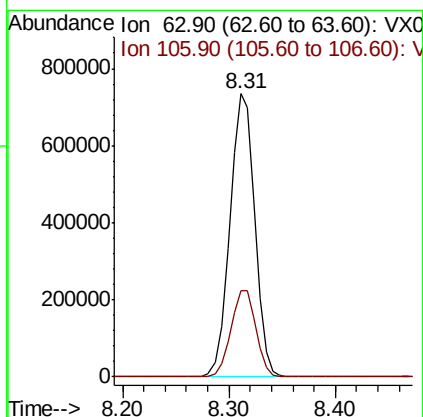
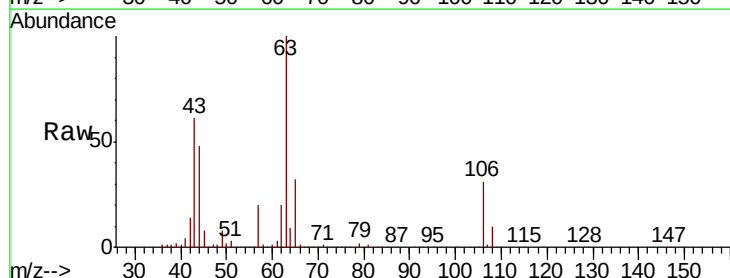
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

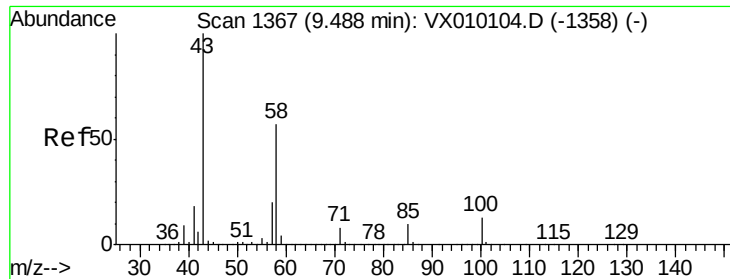
Tgt Ion: 76 Resp: 518556
 Ion Ratio Lower Upper
 76 100
 78 32.5 25.4 38.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 475.538 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: VX010105.D
 Acq: 07 Jun 2019 13:04

Tgt Ion: 63 Resp: 1199810
 Ion Ratio Lower Upper
 63 100
 106 31.0 19.4 29.2#





#59

2-Hexanone

Concen: 473.176 ug/l

RT: 9.49 min Scan# 1368

Delta R.T. 0.01 min

Lab File: VX010105.D

Acq: 07 Jun 2019 13:04

Instrument :

MSVOA_X

ClientSampleId :

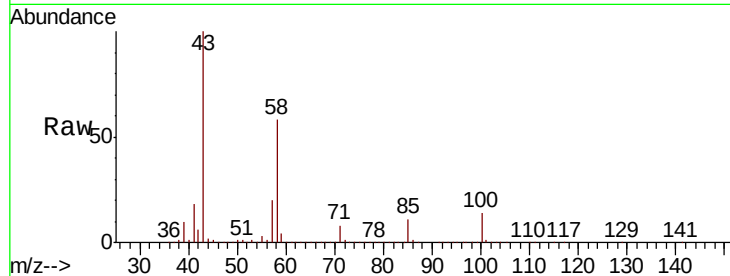
VSTDIC100

Tgt Ion: 43 Resp: 1585410

Ion Ratio Lower Upper

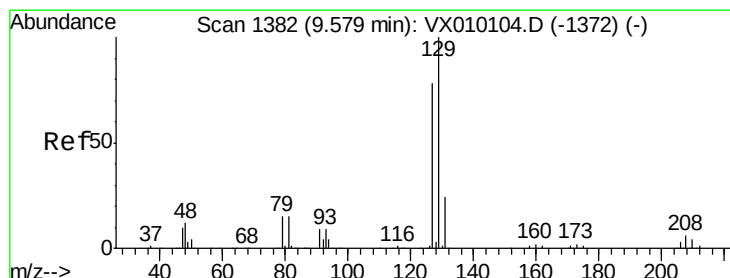
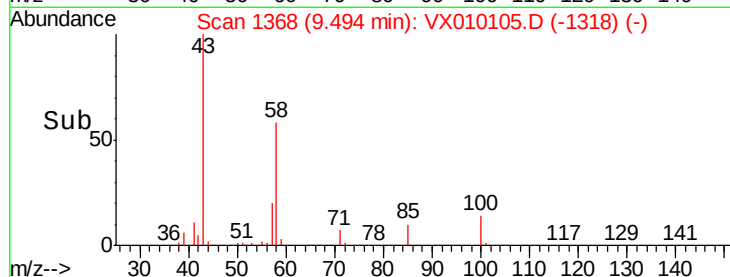
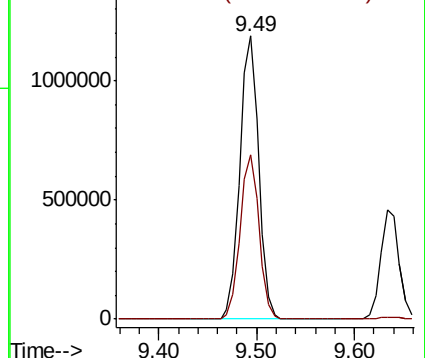
43 100

58 58.4 25.1 75.3



Abundance Ion 43.00 (42.70 to 43.70): VX010104.D (-1358) (-)

Ion 58.00 (57.70 to 58.70): VX010104.D (-1358) (-)



#60

Dibromochloromethane

Concen: 101.830 ug/l

RT: 9.59 min Scan# 1383

Delta R.T. 0.01 min

Lab File: VX010105.D

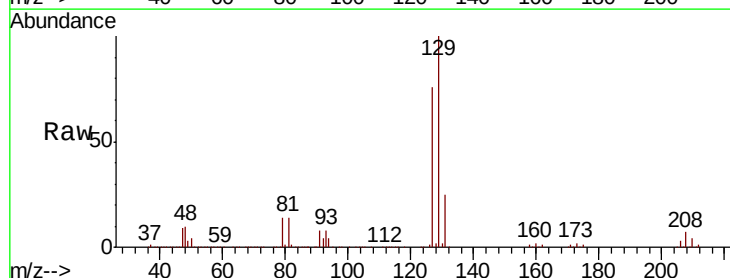
Acq: 07 Jun 2019 13:04

Tgt Ion: 129 Resp: 397376

Ion Ratio Lower Upper

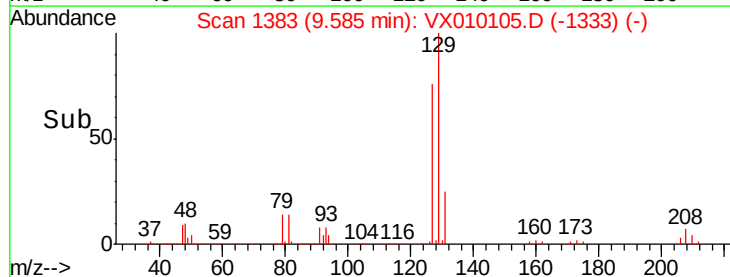
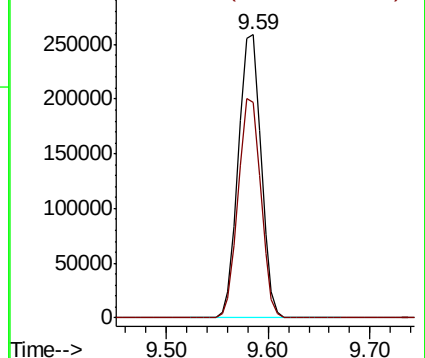
129 100

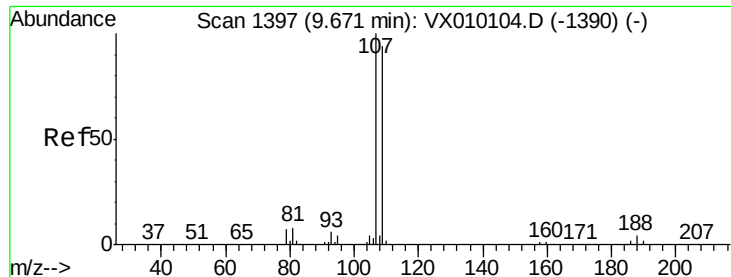
127 77.1 38.5 115.5



Abundance Ion 128.80 (128.50 to 129.50): VX010104.D (-1372) (-)

Ion 126.80 (126.50 to 127.50): VX010104.D (-1372) (-)





#61

1,2-Dibromoethane

Concen: 100.672 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX010105.D

Acq: 07 Jun 2019 13:04

Instrument :

MSVOA_X

ClientSampleId :

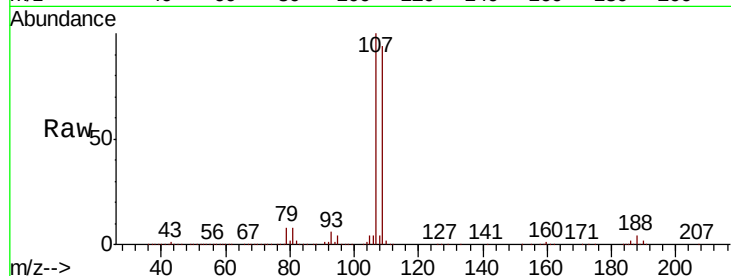
VSTDIC100

Tgt Ion: 107 Resp: 364402

Ion Ratio Lower Upper

107 100

109 94.9 75.4 113.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

250000

200000

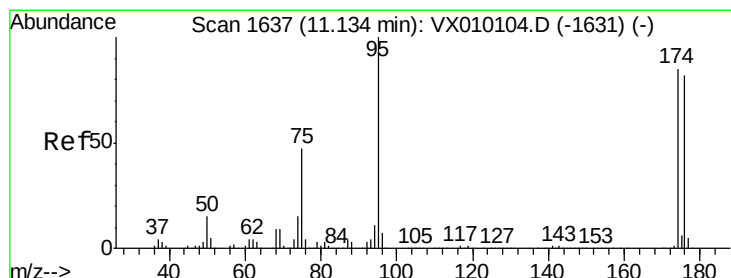
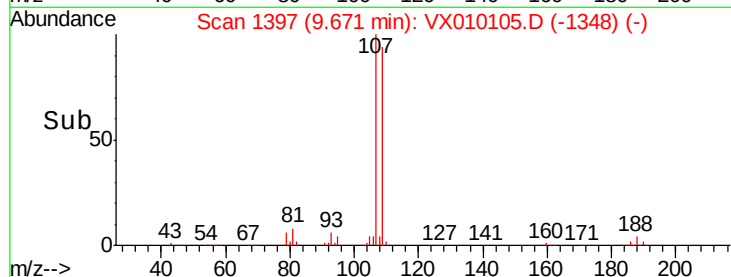
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 97.151 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010105.D

Acq: 07 Jun 2019 13:04

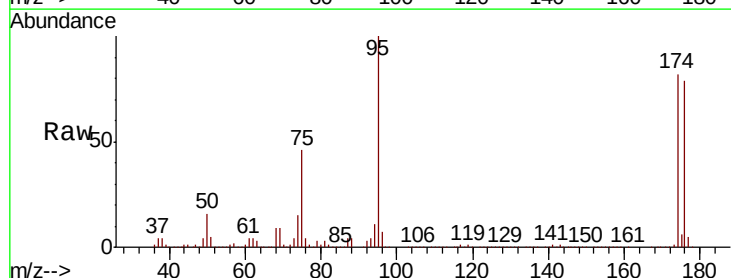
Tgt Ion: 95 Resp: 413830

Ion Ratio Lower Upper

95 100

174 87.1 0.0 160.4

176 84.4 0.0 154.6



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.13

400000

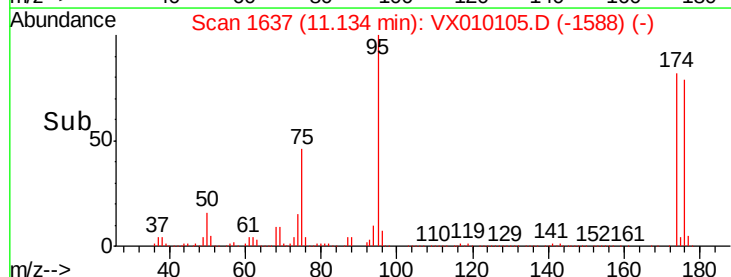
300000

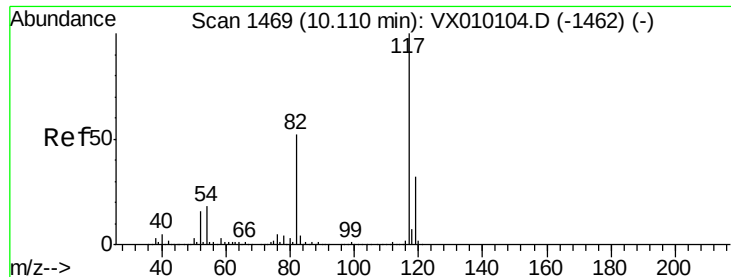
200000

100000

0

Time-->

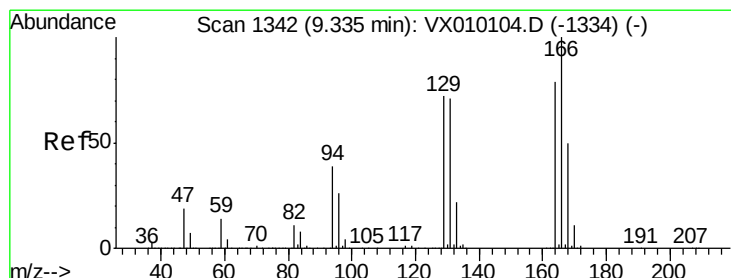
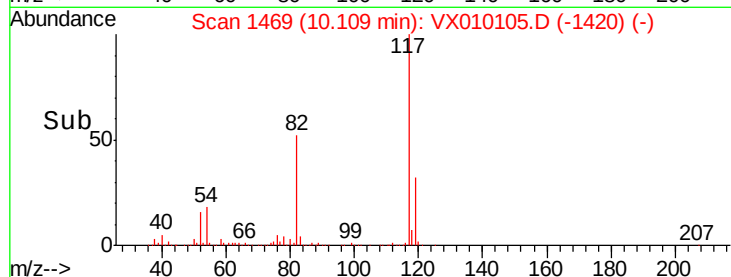
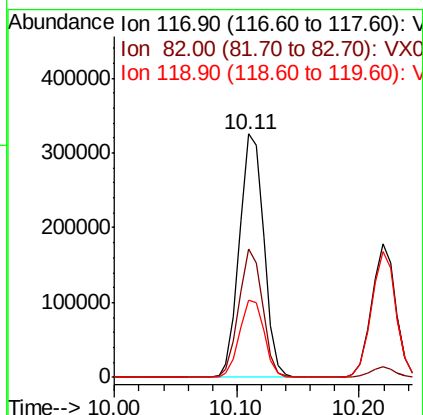
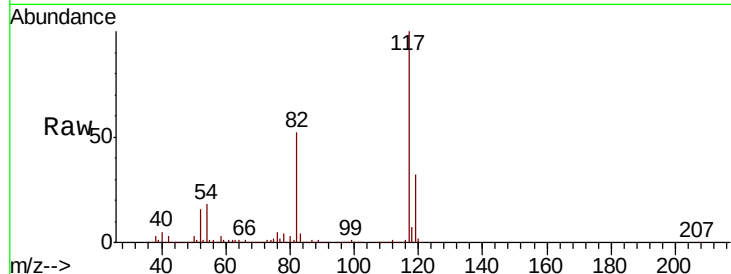




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX010105.D
Acq: 07 Jun 2019 13:04

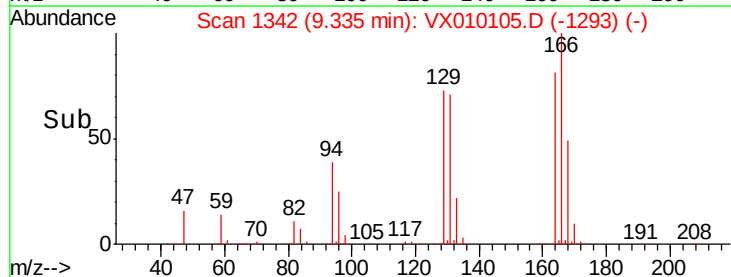
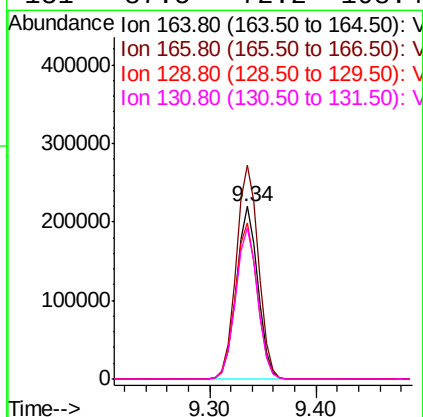
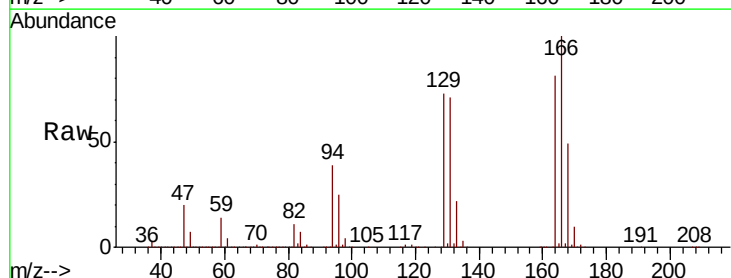
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

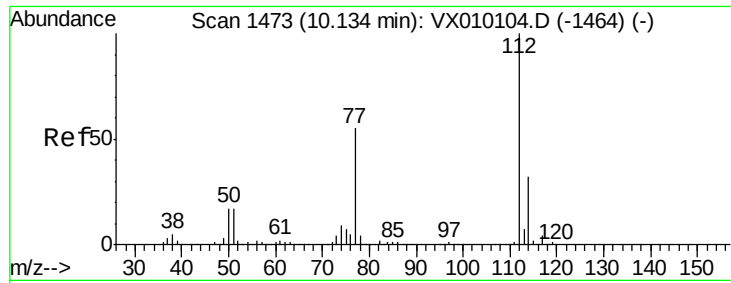
Tgt Ion:117 Resp: 447111
Ion Ratio Lower Upper
117 100
82 52.4 49.2 73.8
119 31.9 25.2 37.8



#64
Tetrachloroethene
Concen: 100.359 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX010105.D
Acq: 07 Jun 2019 13:04

Tgt Ion:164 Resp: 312201
Ion Ratio Lower Upper
164 100
166 124.0 105.0 157.4
129 91.0 75.1 112.7
131 87.5 72.2 108.4

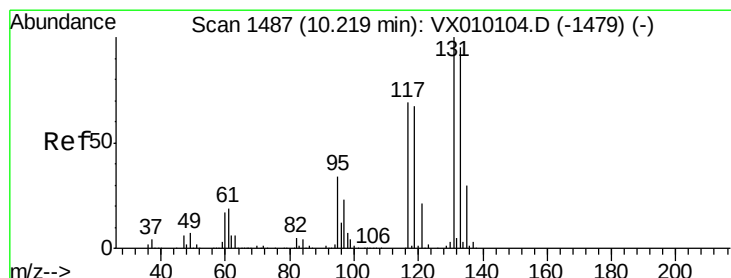
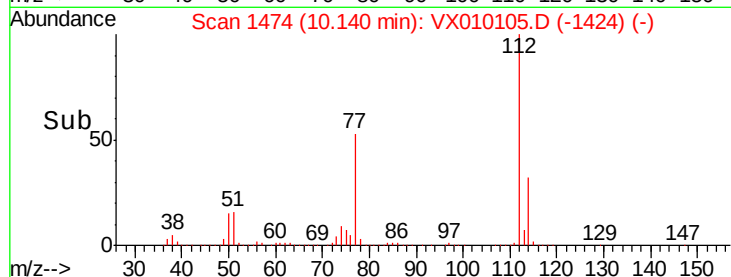
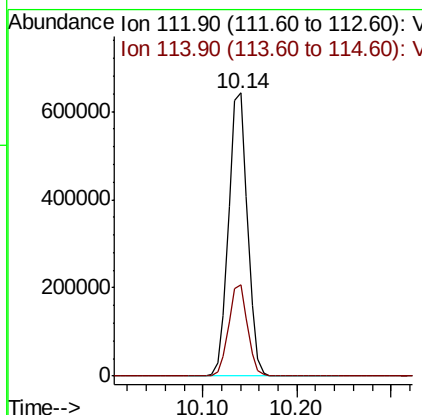
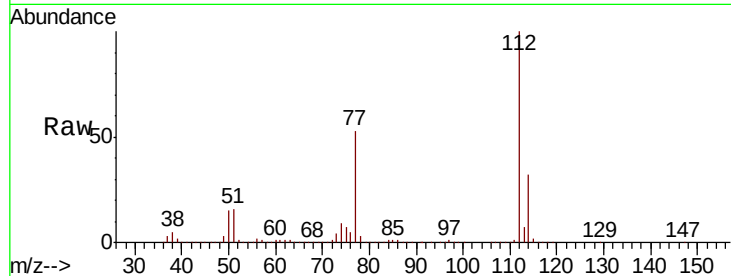




#65
Chlorobenzene
Concen: 100.491 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX010105.D
Acq: 07 Jun 2019 13:04

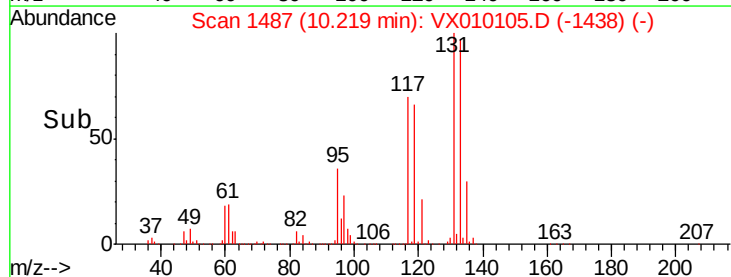
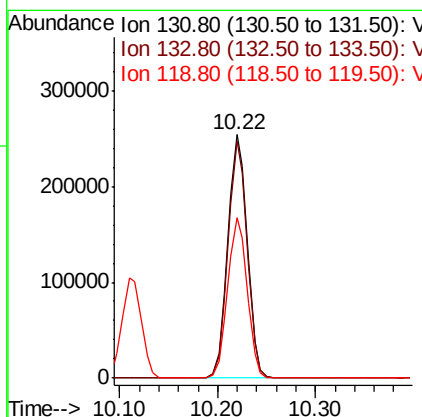
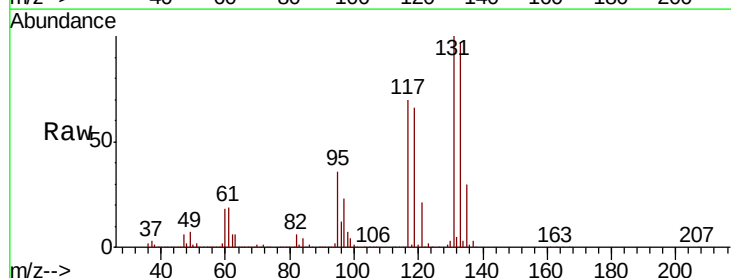
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

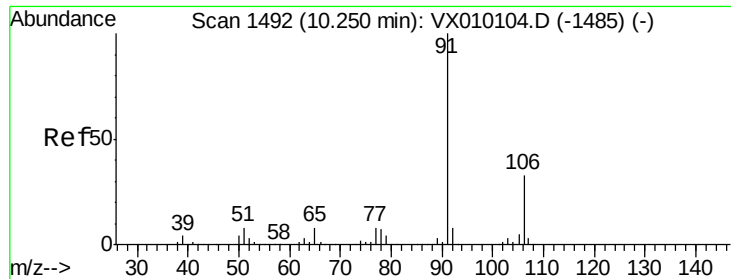
Tgt Ion:112 Resp: 895244
Ion Ratio Lower Upper
112 100
114 32.4 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 101.945 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX010105.D
Acq: 07 Jun 2019 13:04

Tgt Ion:131 Resp: 349968
Ion Ratio Lower Upper
131 100
133 96.1 47.5 142.6
119 66.2 33.4 100.1

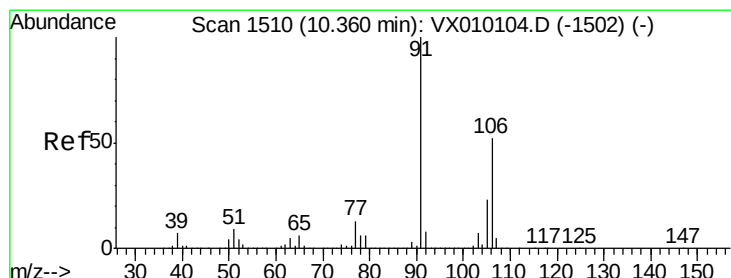
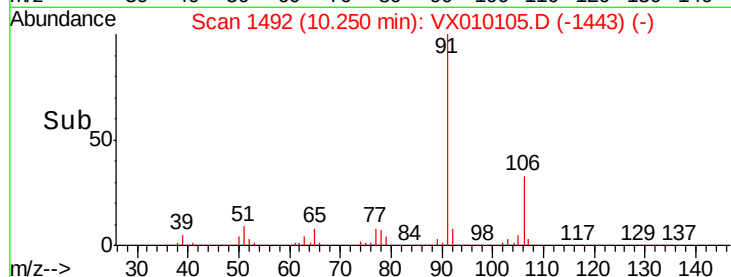
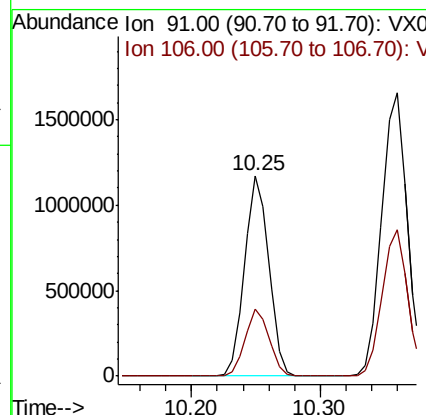
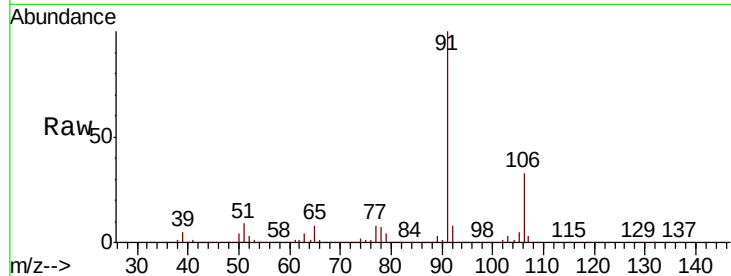




#67
Ethyl Benzene
Concen: 100.296 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX010105.D
Acq: 07 Jun 2019 13:04

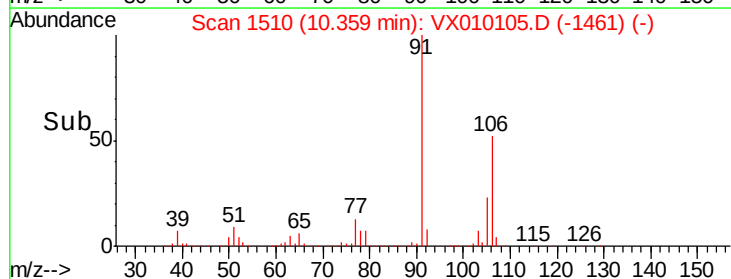
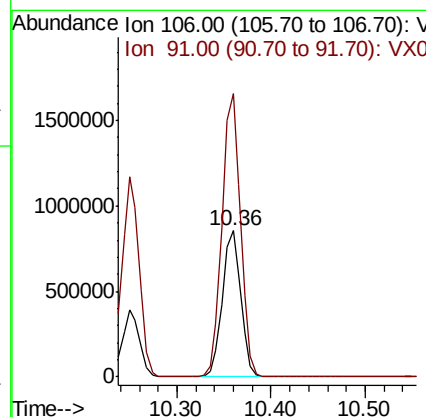
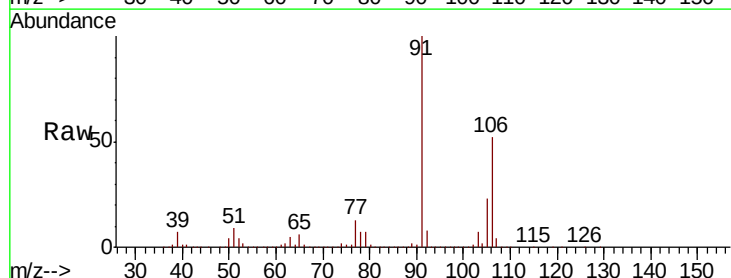
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

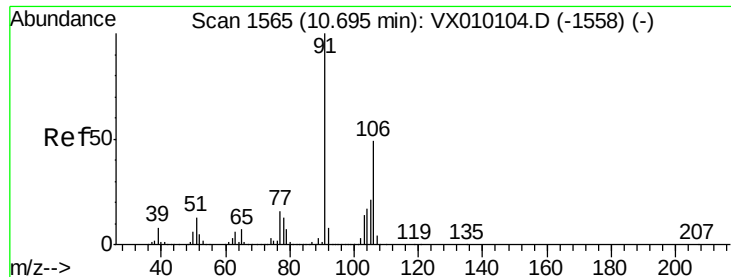
Tgt Ion: 91 Resp: 1523077
Ion Ratio Lower Upper
91 100
106 33.2 23.9 35.9



#68
m/p-Xylenes
Concen: 197.075 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX010105.D
Acq: 07 Jun 2019 13:04

Tgt Ion: 106 Resp: 1158284
Ion Ratio Lower Upper
106 100
91 195.0 167.3 250.9

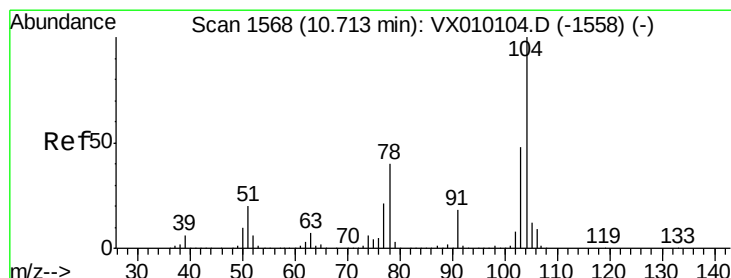
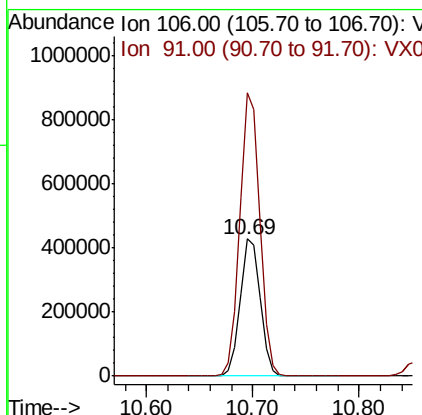
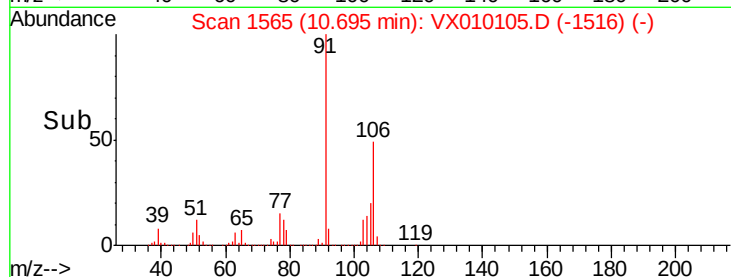
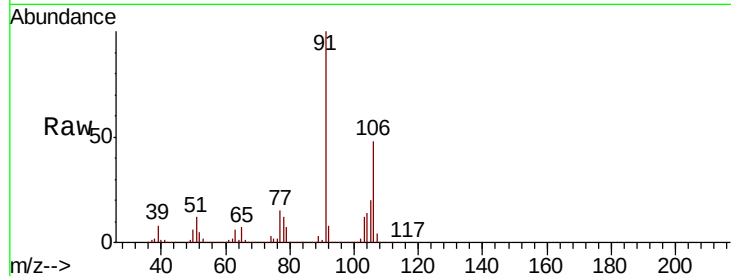




#69
o-Xylene
Concen: 98.833 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX010105.D
Acq: 07 Jun 2019 13:04

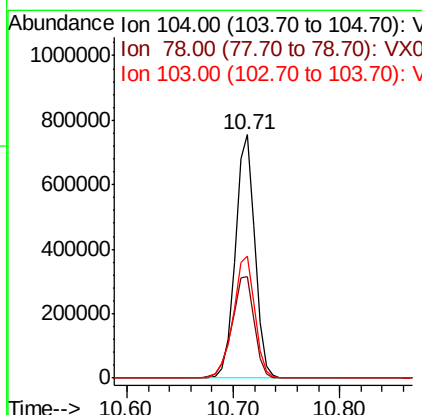
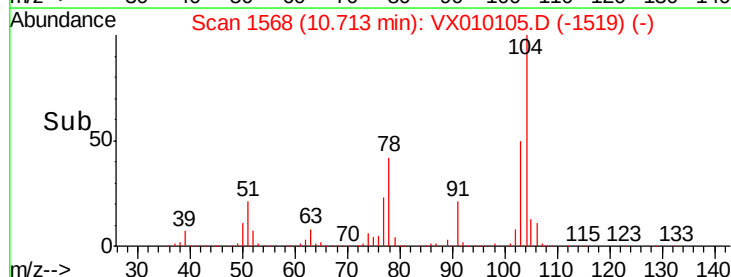
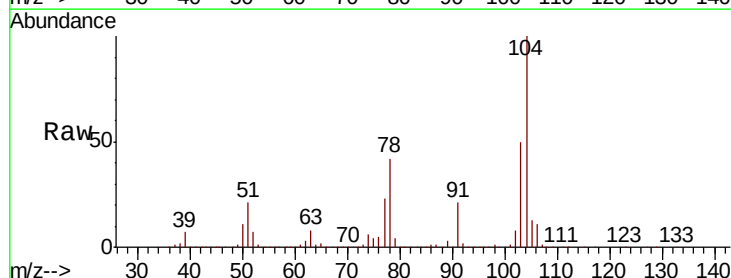
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

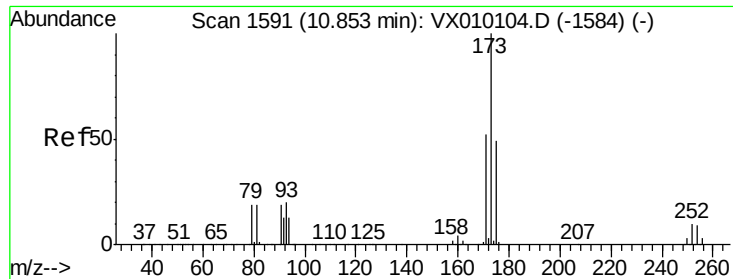
Tgt Ion:106 Resp: 571227
Ion Ratio Lower Upper
106 100
91 205.3 110.4 331.2



#70
Styrene
Concen: 96.756 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX010105.D
Acq: 07 Jun 2019 13:04

Tgt Ion:104 Resp: 971899
Ion Ratio Lower Upper
104 100
78 47.6 42.1 63.1
103 55.2 44.1 66.1





#71

Bromoform

Concen: 100.634 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX010105.D

Acq: 07 Jun 2019 13:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

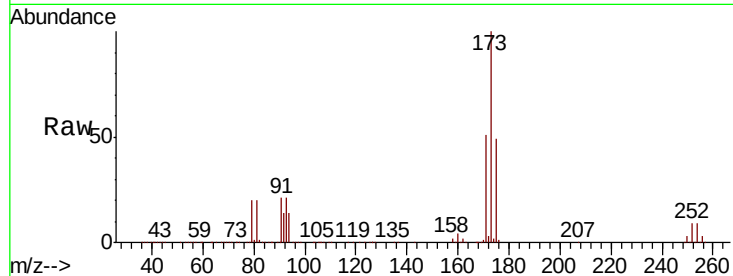
Tgt Ion:173 Resp: 320520

Ion Ratio Lower Upper

173 100

175 48.7 25.0 75.0

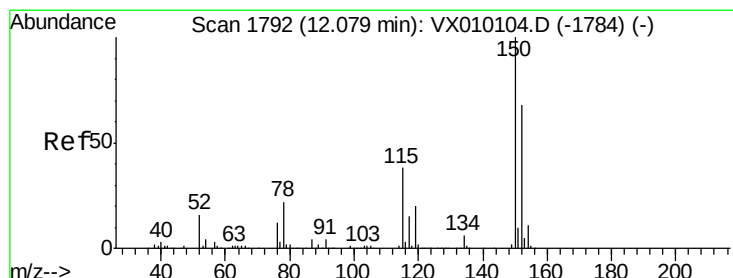
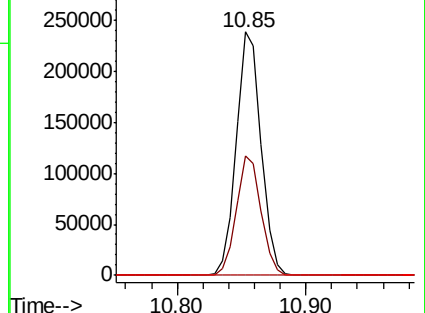
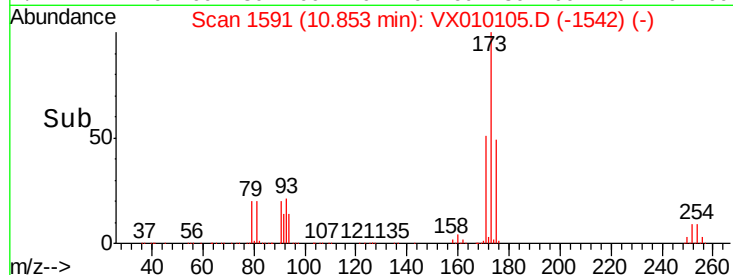
254 0.1 0.2 0.2#



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: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX010105.D

Acq: 07 Jun 2019 13:04

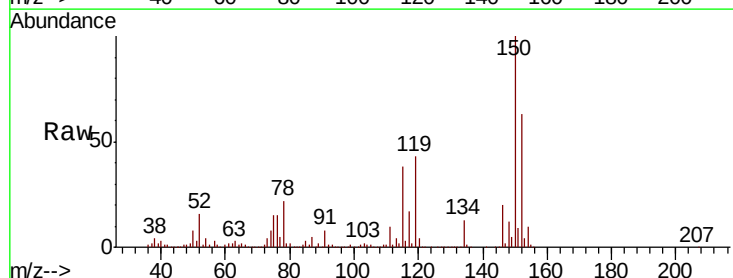
Tgt Ion:152 Resp: 215292

Ion Ratio Lower Upper

152 100

115 102.5 41.4 124.2

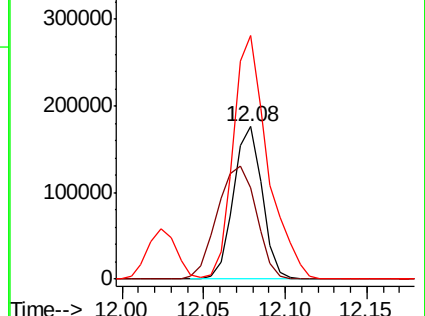
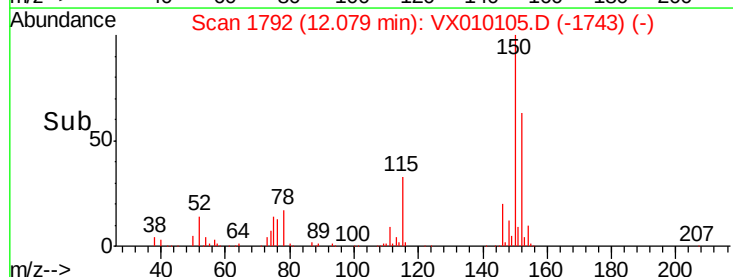
150 192.0 0.0 345.2

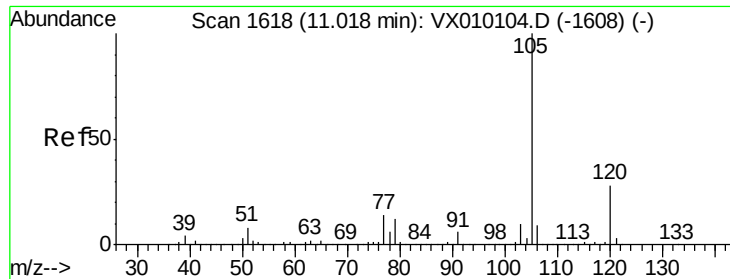


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 103.000 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX010105.D

Acq: 07 Jun 2019 13:04

Instrument :

MSVOA_X

ClientSampleId :

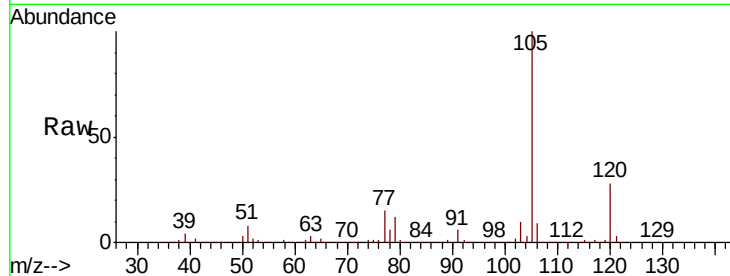
VSTDIC100

Tgt Ion:105 Resp: 1500313

Ion Ratio Lower Upper

105 100

120 28.2 12.8 38.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

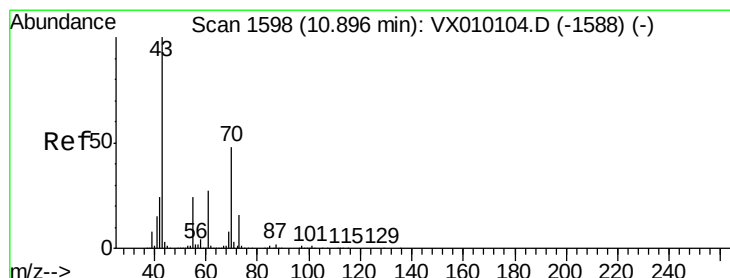
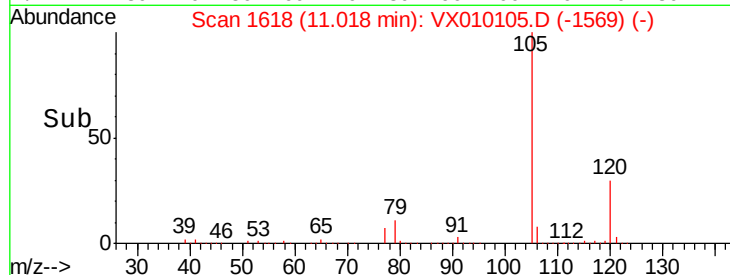
11.02

1000000

500000

0

Time-->



#74

N-ethyl acetate

Concen: 102.812 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX010105.D

Acq: 07 Jun 2019 13:04

Tgt Ion: 43 Resp: 597533

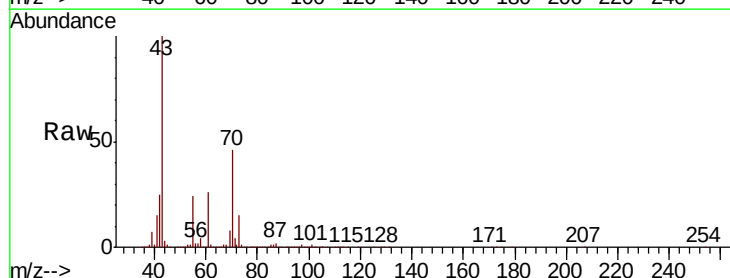
Ion Ratio Lower Upper

43 100

70 46.4 28.6 43.0#

55 24.0 17.8 26.8

61 26.6 17.7 26.5#



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

800000

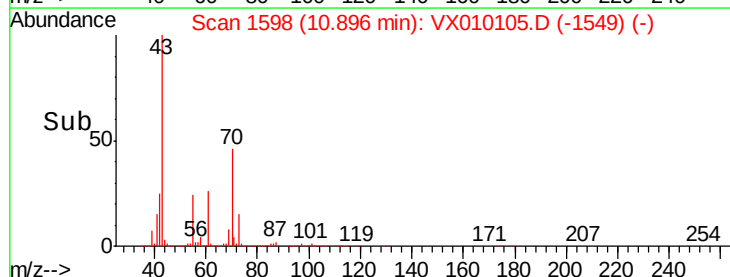
600000

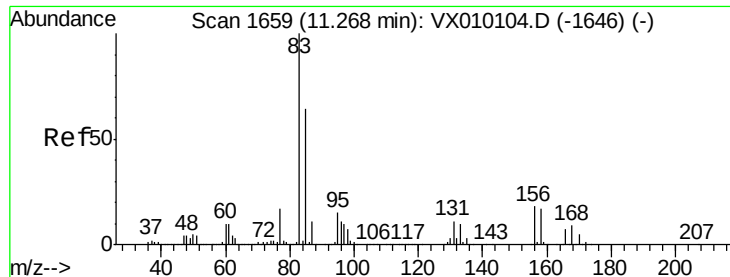
400000

200000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 100.963 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX010105.D

Acq: 07 Jun 2019 13:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

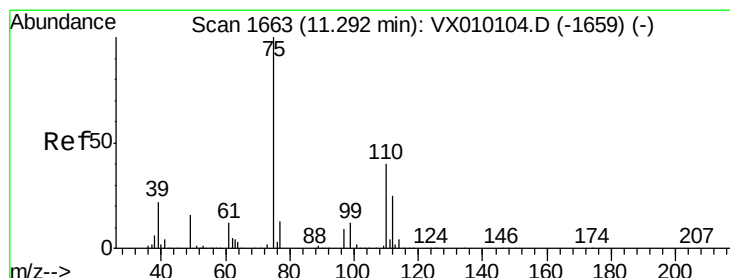
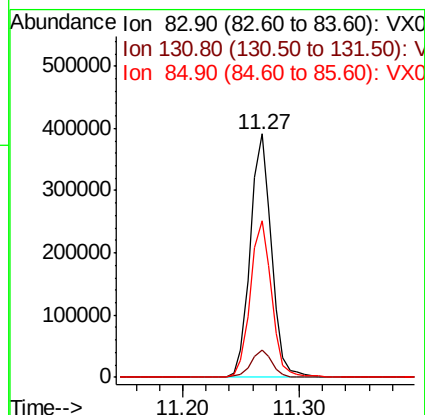
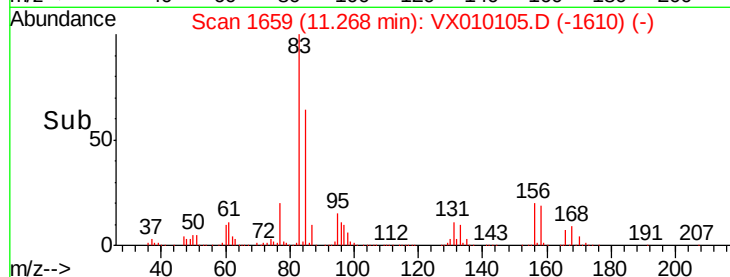
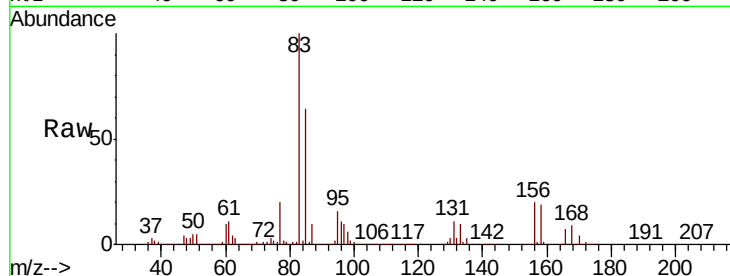
Tgt Ion: 83 Resp: 497861

Ion Ratio Lower Upper

83 100

131 11.2 4.7 14.1

85 64.9 31.9 95.9



#76

1,2,3-Trichloropropane

Concen: 146.441 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX010105.D

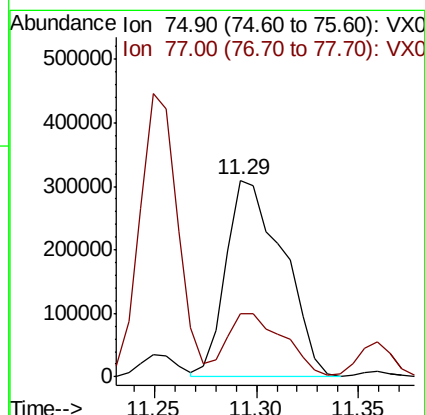
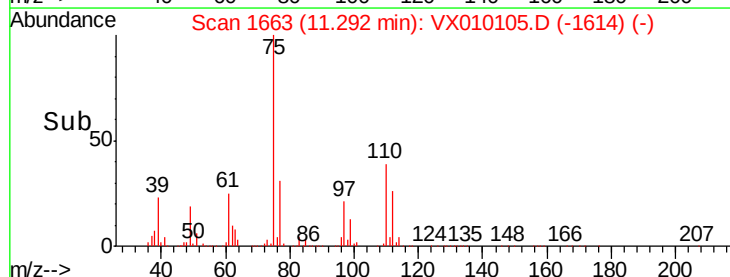
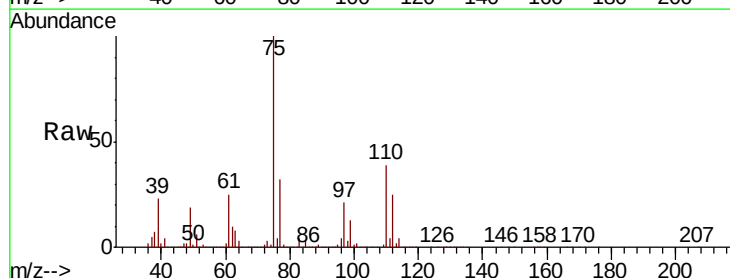
Acq: 07 Jun 2019 13:04

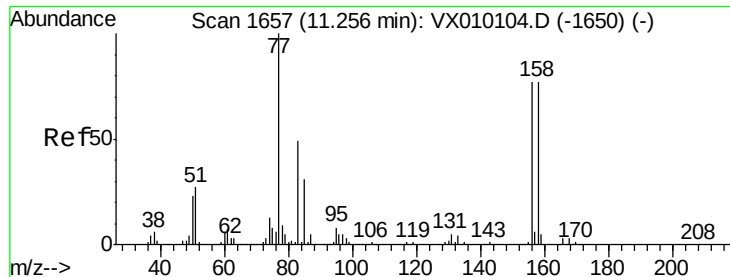
Tgt Ion: 75 Resp: 603041

Ion Ratio Lower Upper

75 100

77 32.3 22.1 66.1





#77

Bromobenzene

Concen: 102.109 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX010105.D

Acq: 07 Jun 2019 13:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

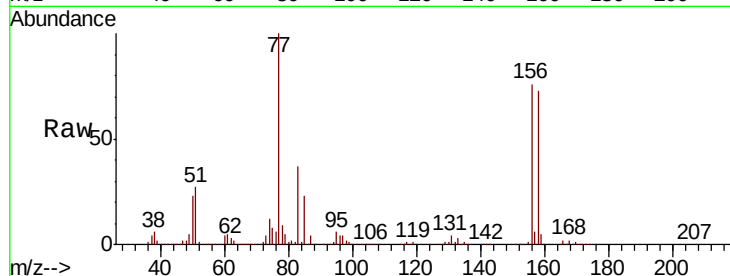
Tgt Ion:156 Resp: 406827

Ion Ratio Lower Upper

156 100

77 140.7 86.8 260.3

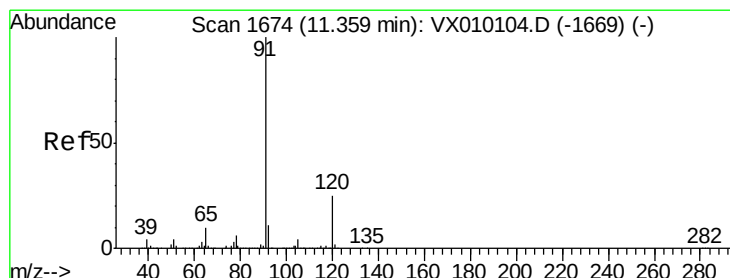
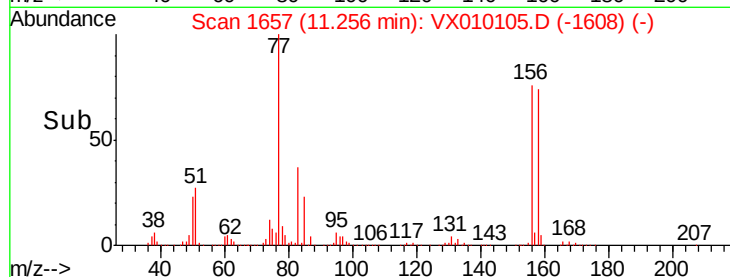
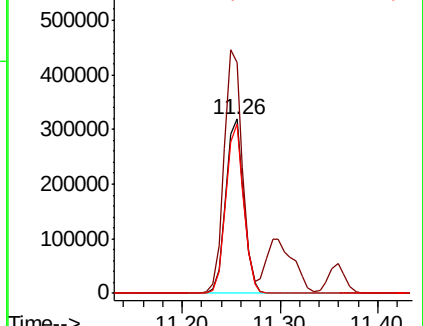
158 96.4 49.6 148.8



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: 103.178 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX010105.D

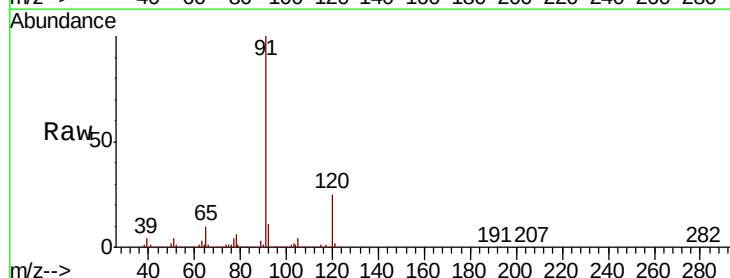
Acq: 07 Jun 2019 13:04

Tgt Ion: 91 Resp: 1688095

Ion Ratio Lower Upper

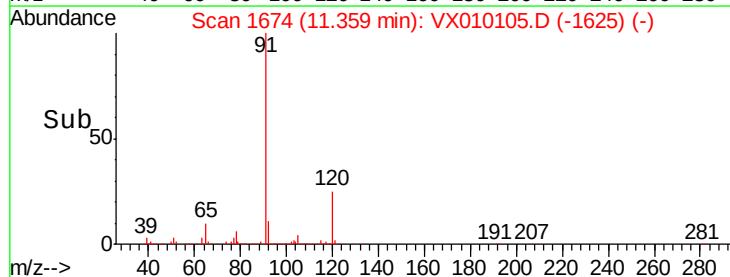
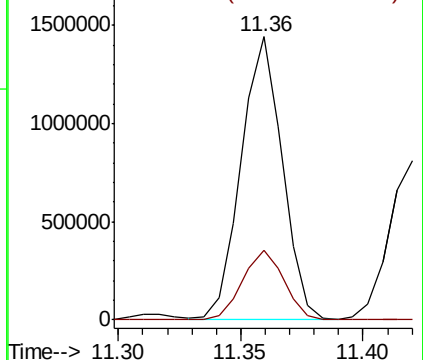
91 100

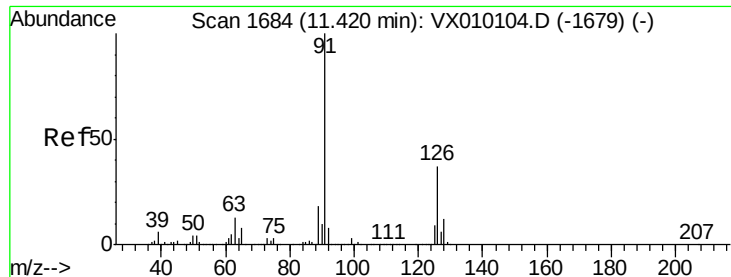
120 24.9 11.1 33.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 101.895 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX010105.D

Acq: 07 Jun 2019 13:04

Instrument :

MSVOA_X

ClientSampleId :

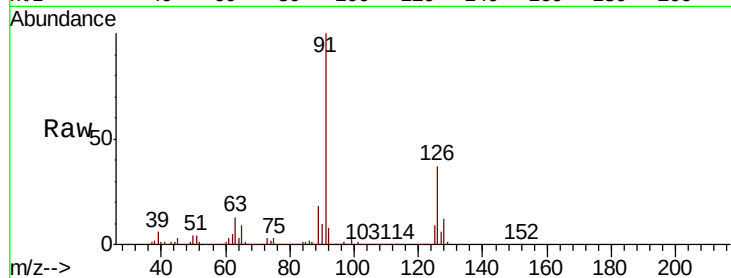
VSTDIC100

Tgt Ion: 91 Resp: 991495

Ion Ratio Lower Upper

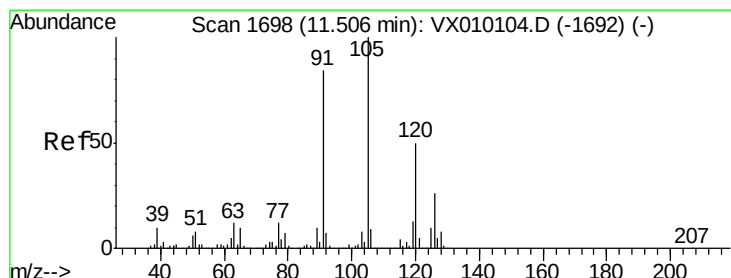
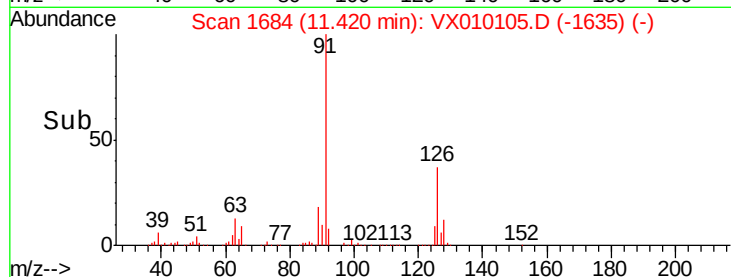
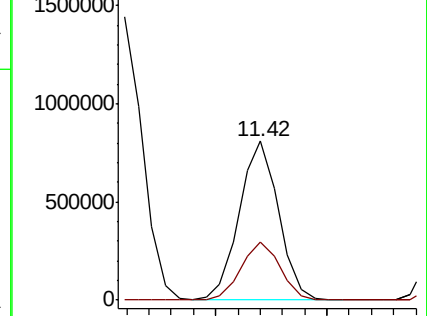
91 100

126 36.7 16.1 48.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 101.168 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX010105.D

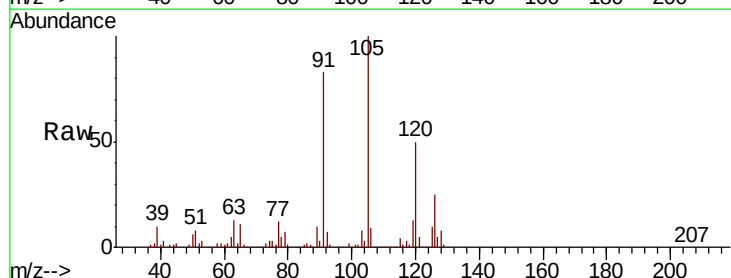
Acq: 07 Jun 2019 13:04

Tgt Ion: 105 Resp: 1232933

Ion Ratio Lower Upper

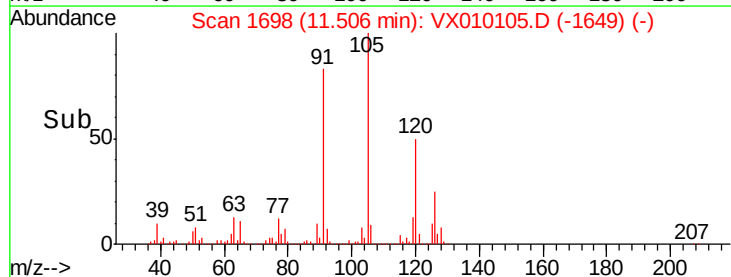
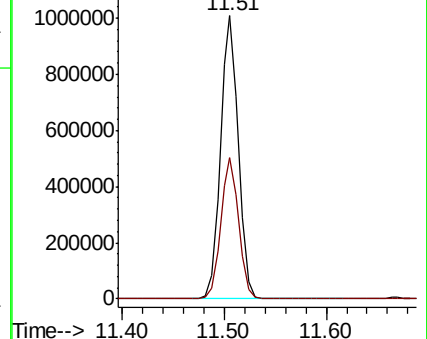
105 100

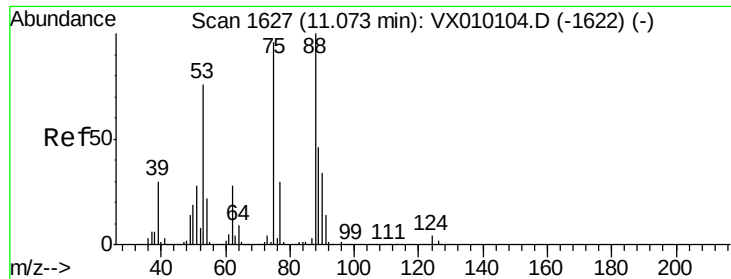
120 49.9 24.1 72.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 104.593 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX010105.D

Acq: 07 Jun 2019 13:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

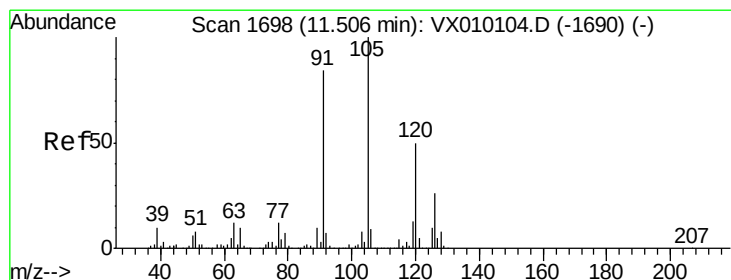
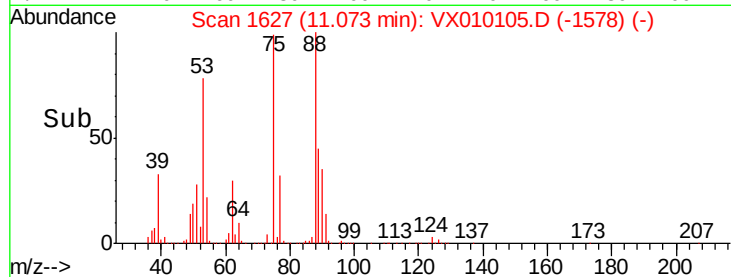
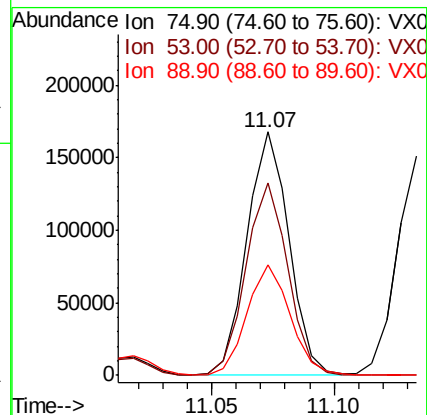
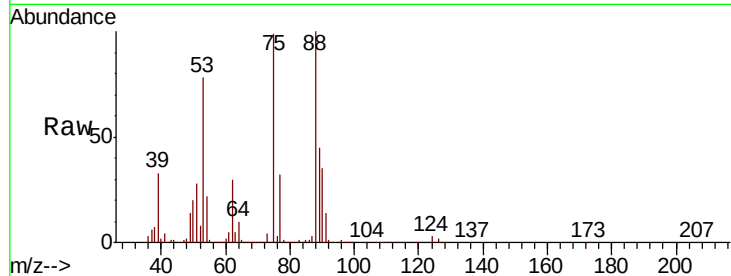
Tgt Ion: 75 Resp: 200805

Ion Ratio Lower Upper

75 100

53 79.1 79.8 119.6#

89 47.2 34.2 51.4



#82

4-Chlorotoluene

Concen: 99.960 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.01 min

Lab File: VX010105.D

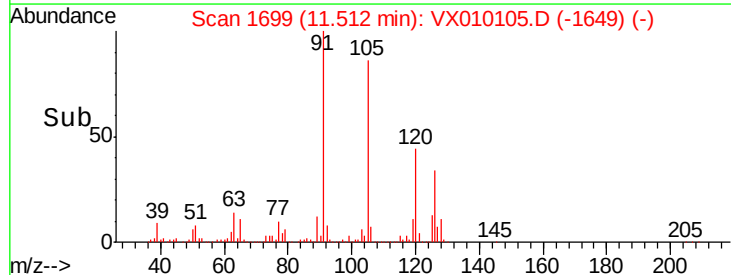
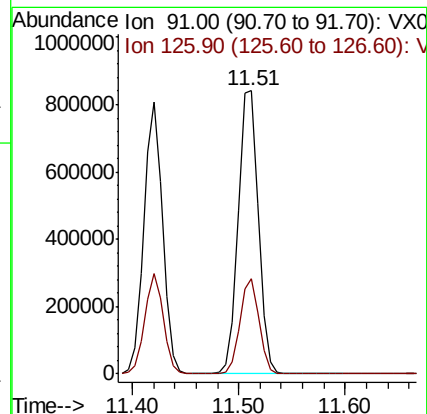
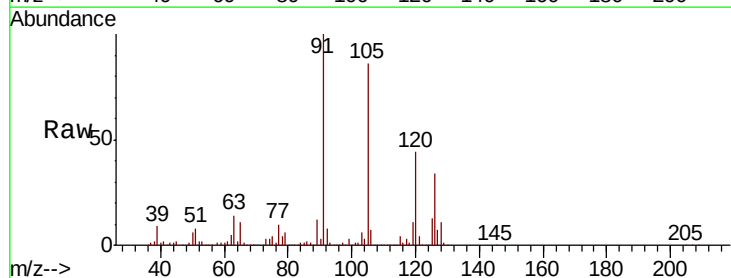
Acq: 07 Jun 2019 13:04

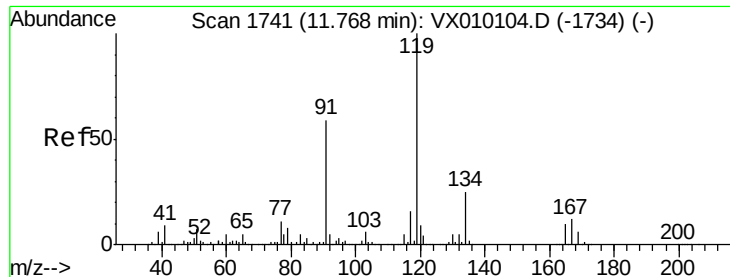
Tgt Ion: 91 Resp: 1124708

Ion Ratio Lower Upper

91 100

126 31.8 14.2 42.6

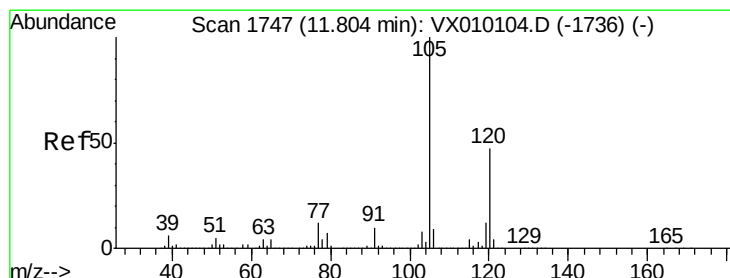
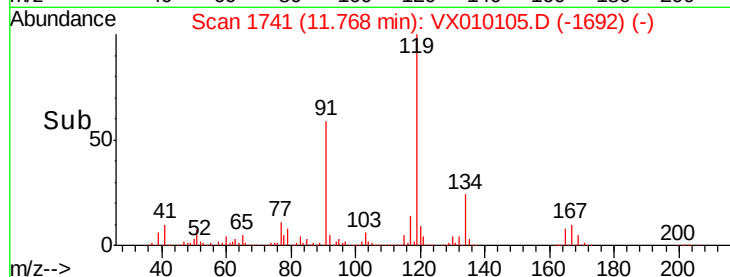
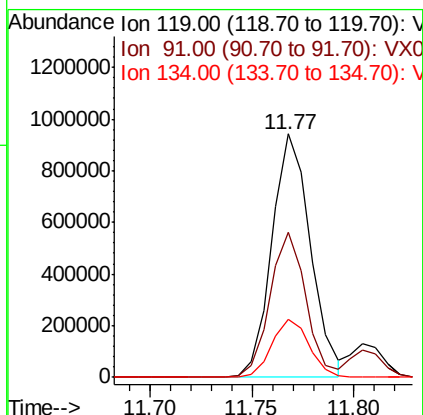
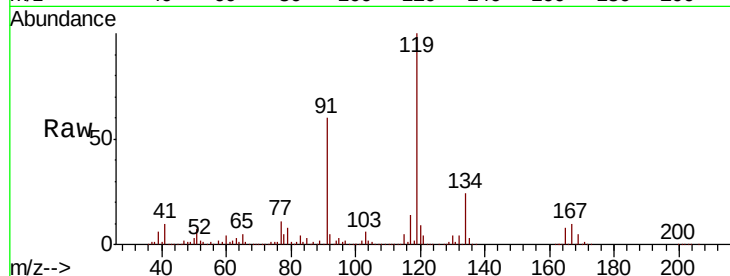




#83
 tert-Butylbenzene
 Concen: 100.987 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX010105.D
 Acq: 07 Jun 2019 13:04

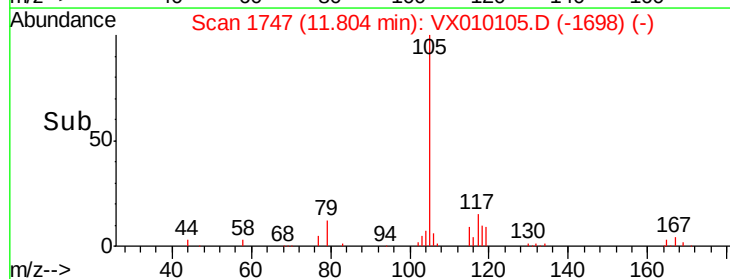
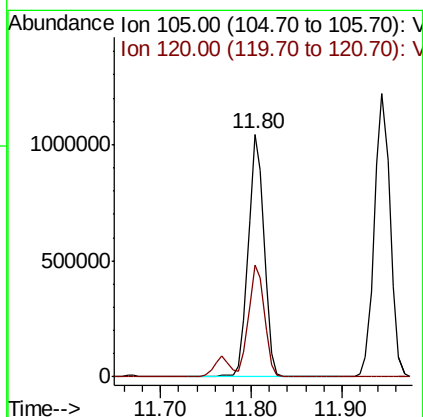
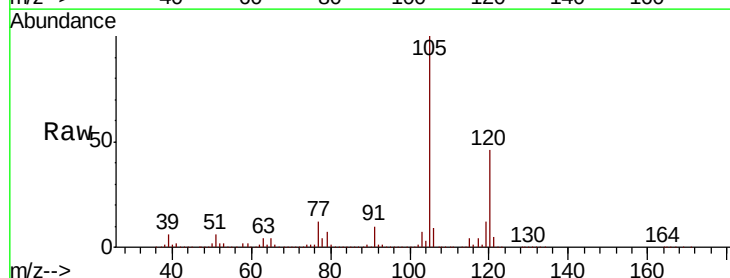
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

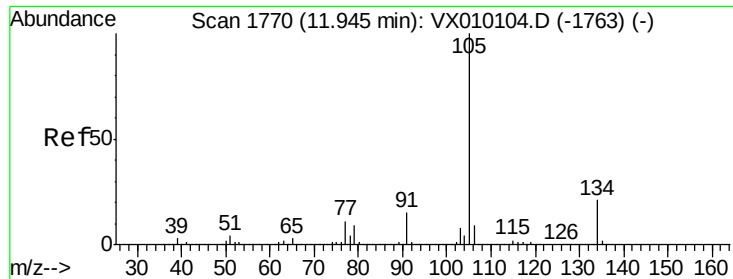
Tgt Ion:119 Resp: 1244839
 Ion Ratio Lower Upper
 119 100
 91 55.6 30.0 90.0
 134 23.0 11.2 33.5



#84
 1,2,4-Trimethylbenzene
 Concen: 102.183 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX010105.D
 Acq: 07 Jun 2019 13:04

Tgt Ion:105 Resp: 1262178
 Ion Ratio Lower Upper
 105 100
 120 45.8 22.1 66.1





#85

sec-Butylbenzene

Concen: 101.983 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX010105.D

Acq: 07 Jun 2019 13:04

Instrument :

MSVOA_X

ClientSampled :

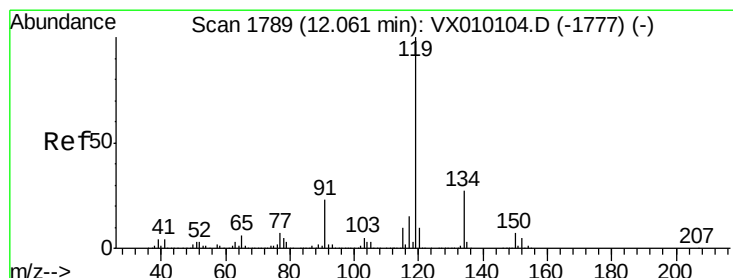
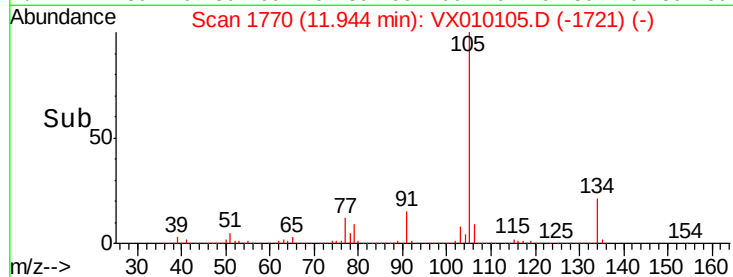
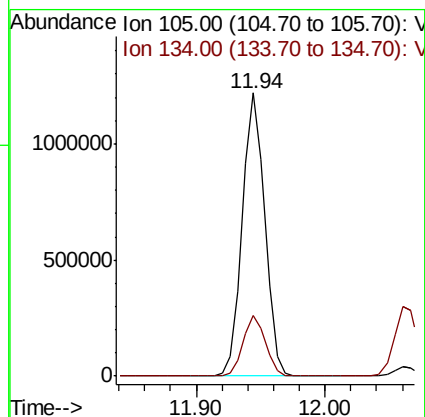
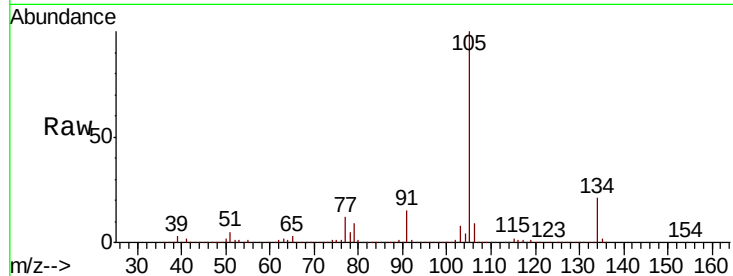
VSTDIC100

Tgt Ion:105 Resp: 1470380

Ion Ratio Lower Upper

105 100

134 21.3 9.7 28.9



#86

p-Isopropyltoluene

Concen: 101.398 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX010105.D

Acq: 07 Jun 2019 13:04

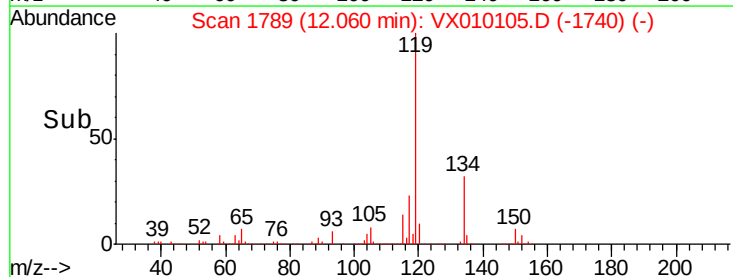
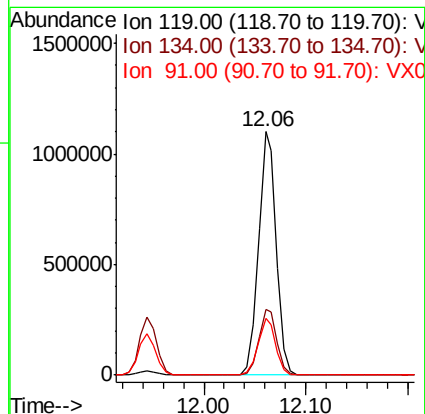
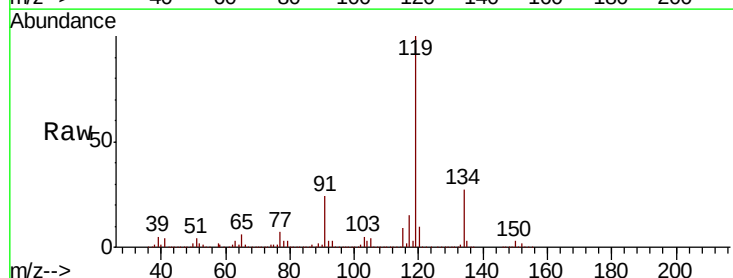
Tgt Ion:119 Resp: 1345219

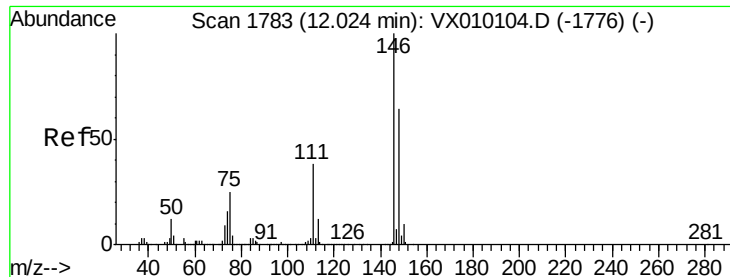
Ion Ratio Lower Upper

119 100

134 27.4 12.9 38.6

91 23.2 11.9 35.9

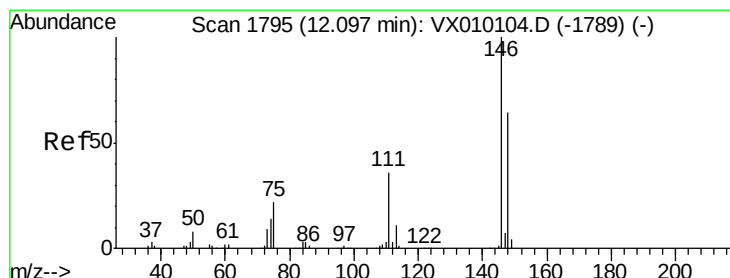
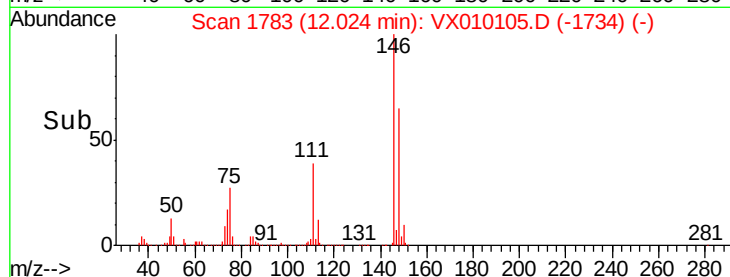
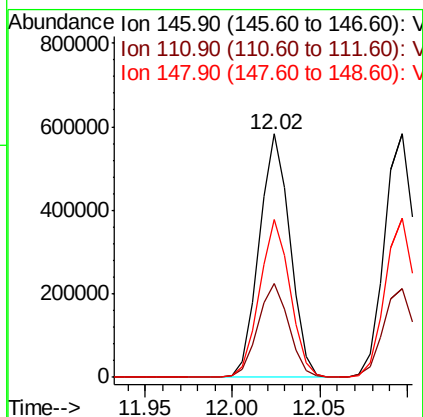
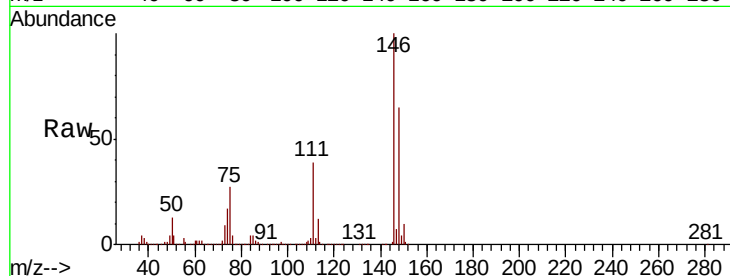




#87
 1,3-Dichlorobenzene
 Concen: 101.234 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX010105.D
 Acq: 07 Jun 2019 13:04

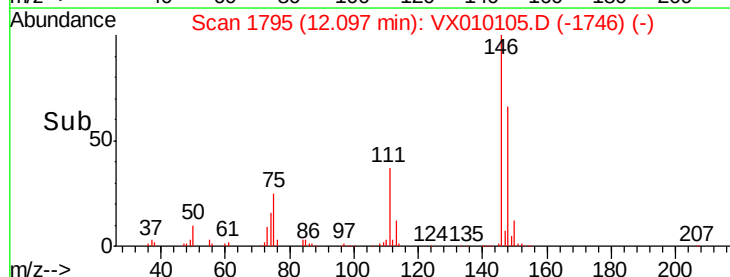
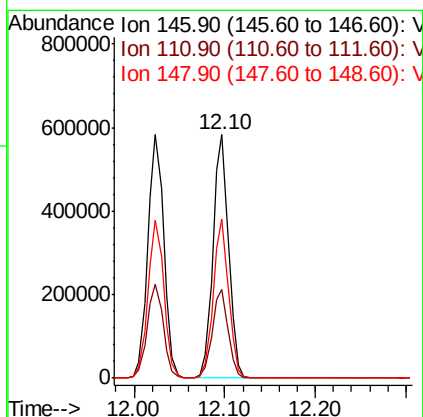
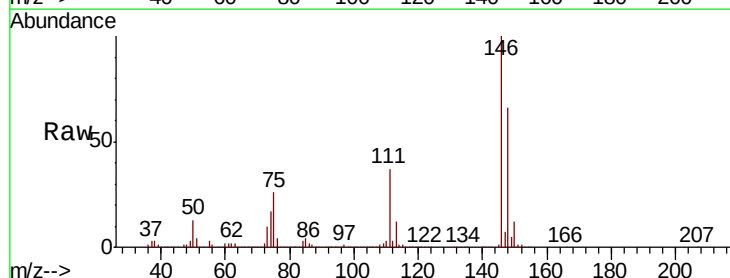
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

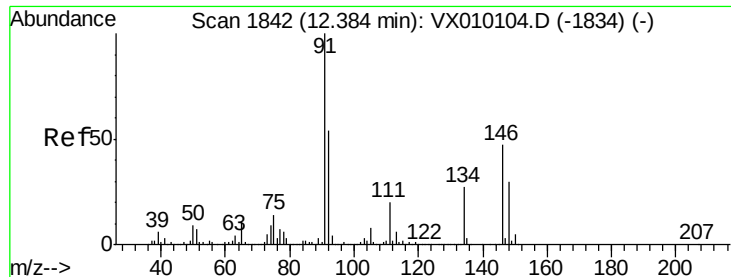
Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.5	20.1	60.2
148	63.9	31.9	95.5



#88
 1,4-Dichlorobenzene
 Concen: 102.112 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX010105.D
 Acq: 07 Jun 2019 13:04

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.1	20.0	59.9
148	64.4	32.3	96.9





#89

n-Butylbenzene

Concen: 101.582 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. -0.00 min

Lab File: VX010105.D

Acq: 07 Jun 2019 13:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

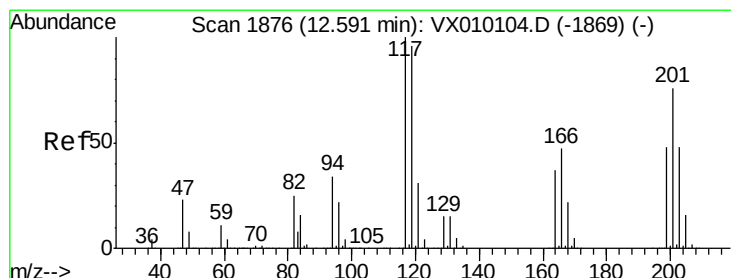
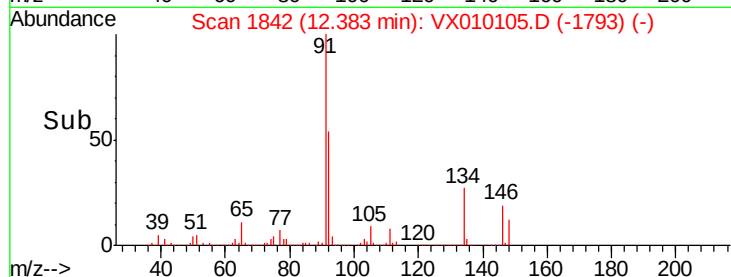
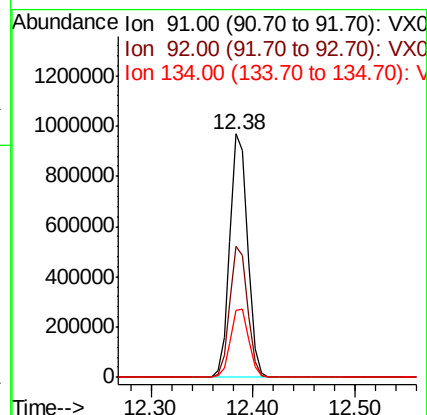
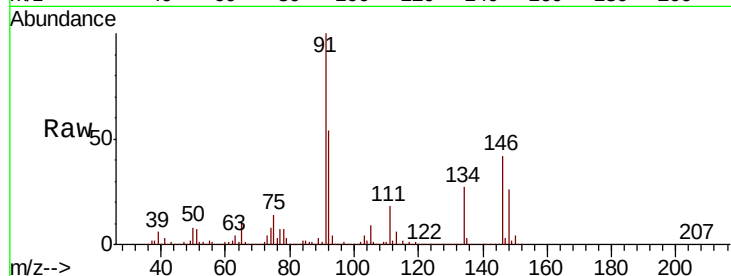
Tgt Ion: 91 Resp: 1167689

Ion Ratio Lower Upper

91 100

92 53.6 26.3 78.8

134 28.4 12.3 36.8



#90

Hexachloroethane

Concen: 104.121 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. 0.01 min

Lab File: VX010105.D

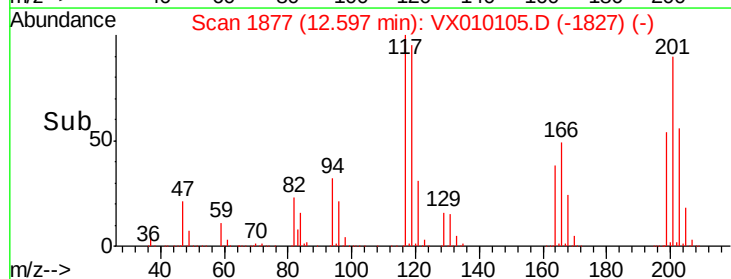
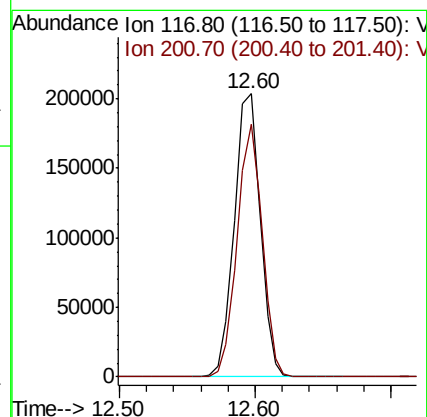
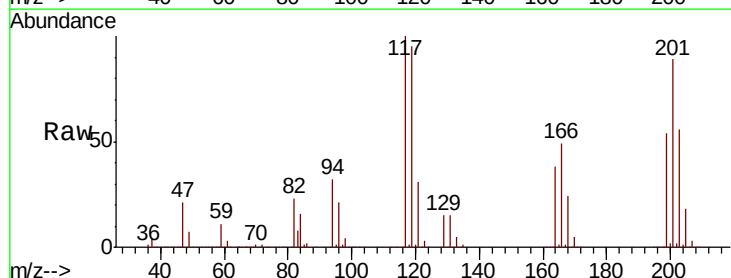
Acq: 07 Jun 2019 13:04

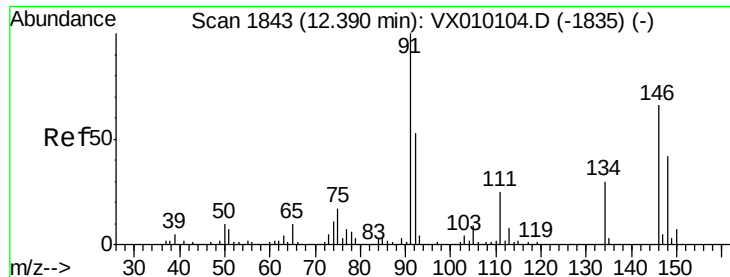
Tgt Ion: 117 Resp: 272747

Ion Ratio Lower Upper

117 100

201 85.6 43.6 130.9

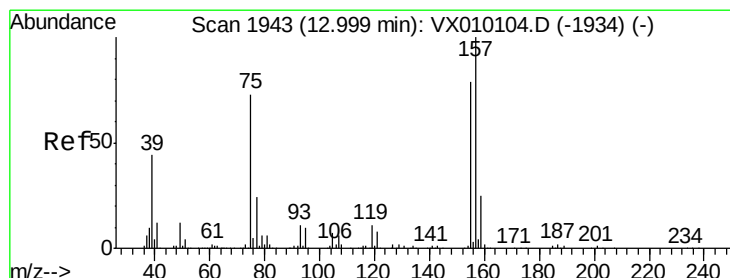
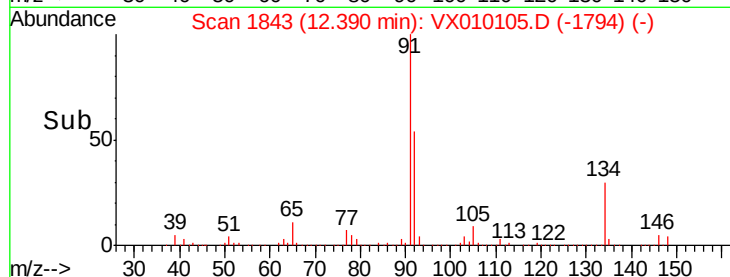
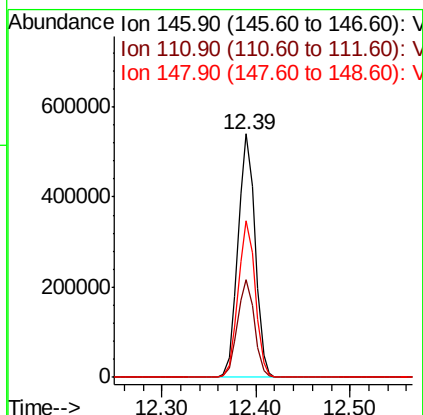
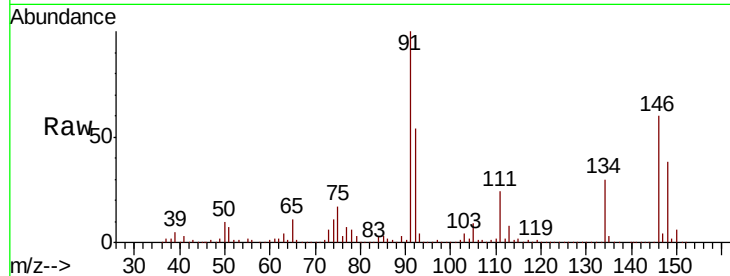




#91
 1,2-Dichlorobenzene
 Concen: 99.724 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX010105.D
 Acq: 07 Jun 2019 13:04

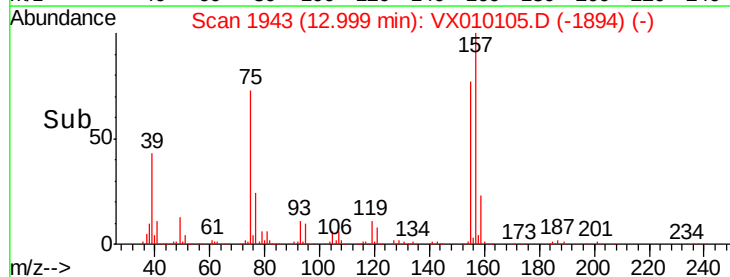
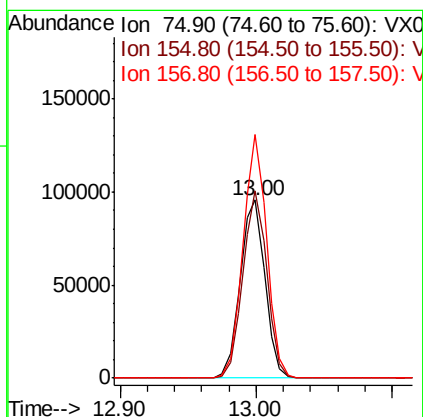
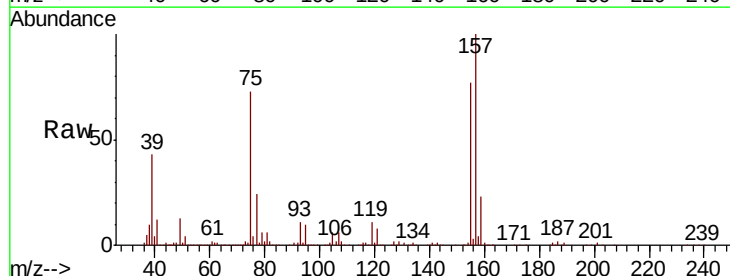
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

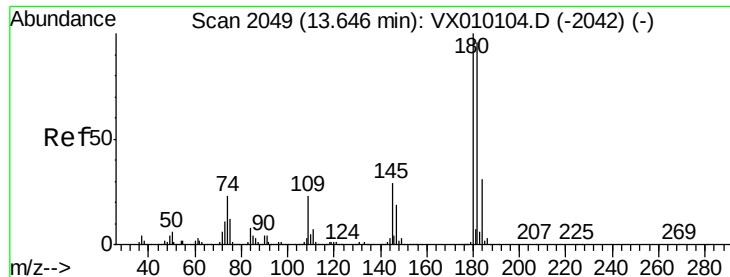
Tgt Ion: 146 Resp: 679740
 Ion Ratio Lower Upper
 146 100
 111 40.0 21.1 63.1
 148 64.0 32.3 96.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 106.885 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX010105.D
 Acq: 07 Jun 2019 13:04

Tgt Ion: 75 Resp: 120986
 Ion Ratio Lower Upper
 75 100
 155 102.3 39.3 117.8
 157 130.5 50.6 151.8

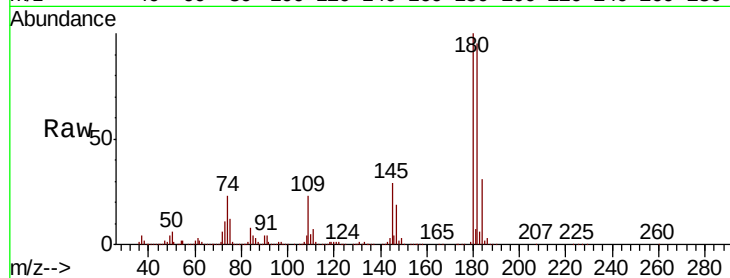




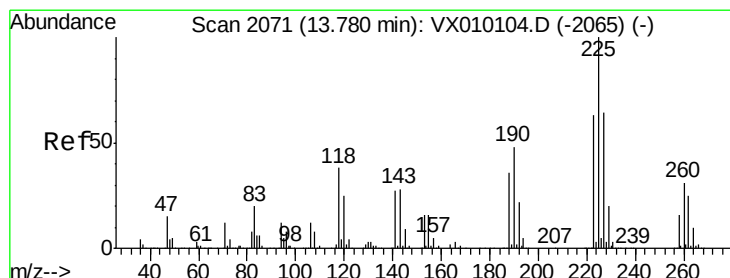
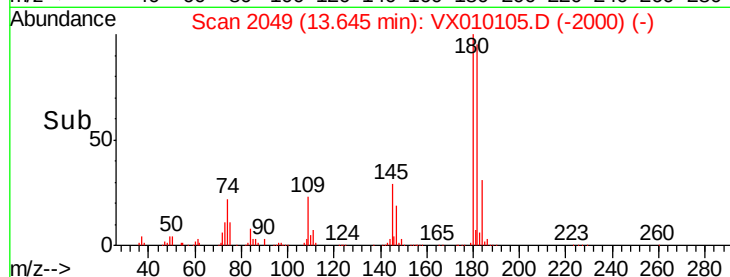
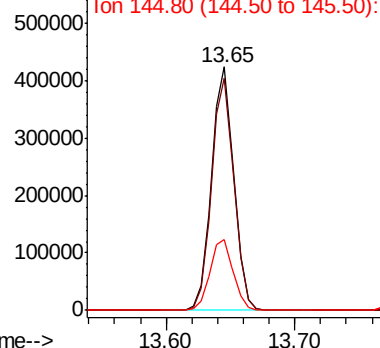
#93
 1,2,4-Trichlorobenzene
 Concen: 104.367 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX010105.D
 Acq: 07 Jun 2019 13:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tgt Ion:180 Resp: 507659
 Ion Ratio Lower Upper
 180 100
 182 95.8 47.4 142.2
 145 30.3 14.5 43.5

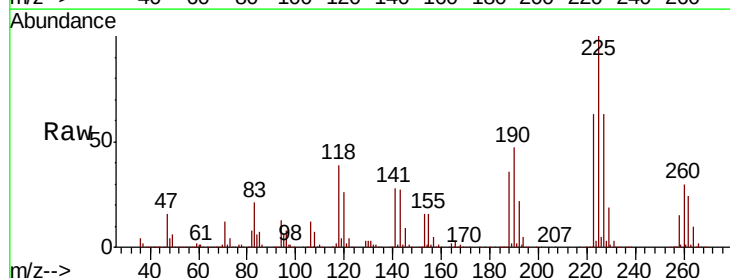


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

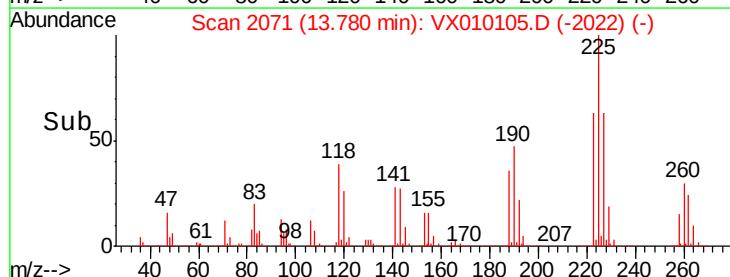
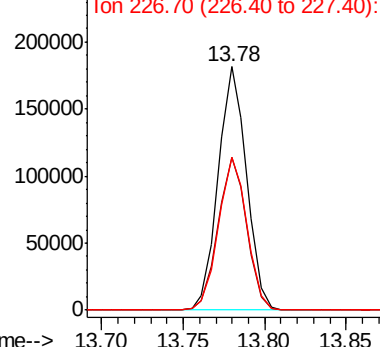


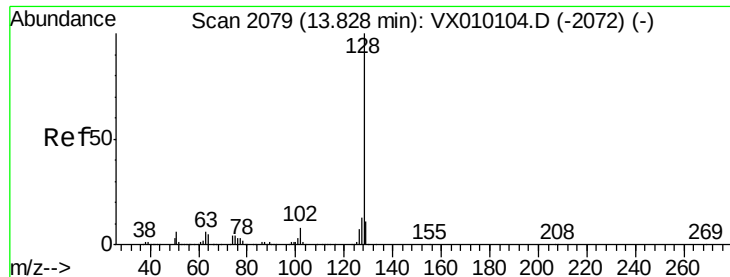
#94
 Hexachlorobutadiene
 Concen: 101.909 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX010105.D
 Acq: 07 Jun 2019 13:04

Tgt Ion:225 Resp: 220479
 Ion Ratio Lower Upper
 225 100
 223 63.0 31.3 93.8
 227 63.0 32.3 96.8



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





#95

Naphthalene

Concen: 103.702 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.01 min

Lab File: VX010105.D

Acq: 07 Jun 2019 13:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

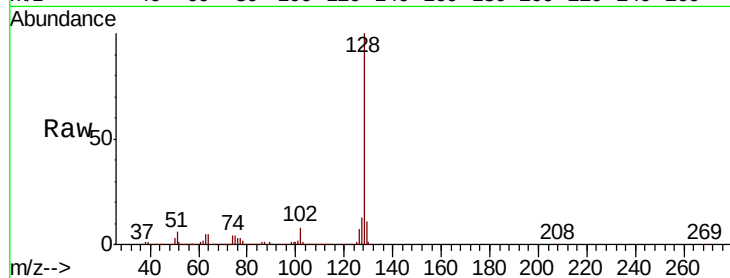
Tgt Ion:128 Resp: 1627032

Ion Ratio Lower Upper

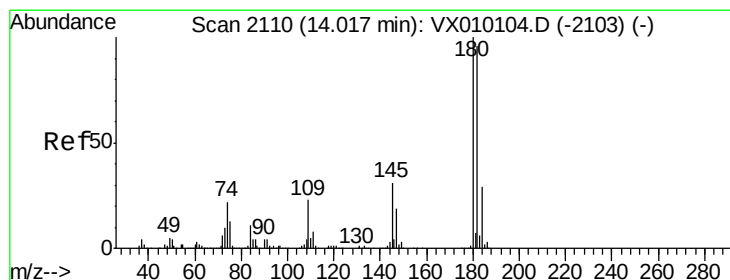
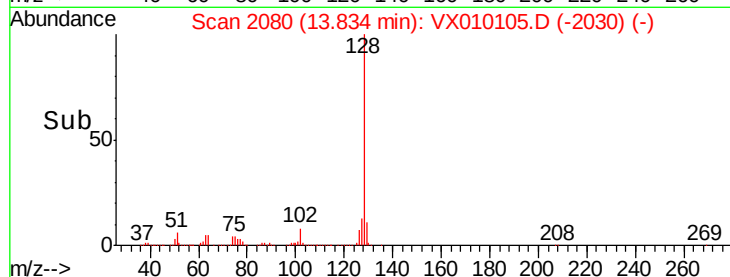
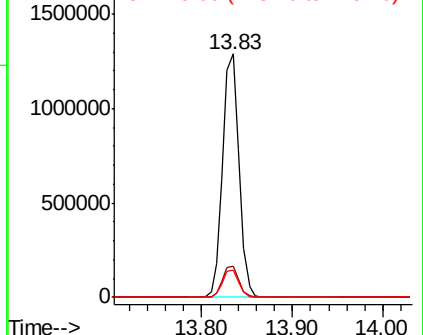
128 100

127 12.8 10.6 16.0

129 11.0 8.8 13.2



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



#96

1,2,3-Trichlorobenzene

Concen: 104.005 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX010105.D

Acq: 07 Jun 2019 13:04

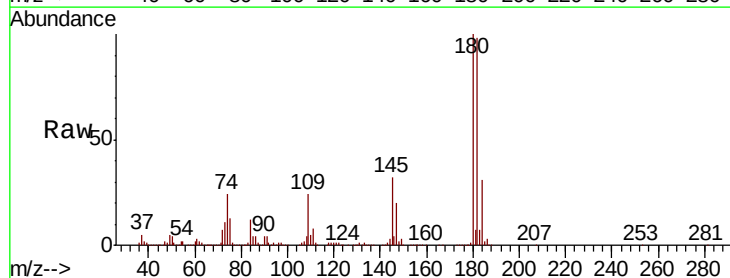
Tgt Ion:180 Resp: 501401

Ion Ratio Lower Upper

180 100

182 96.2 47.3 142.0

145 31.8 15.6 46.7



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

