

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070319\
 Data File : VX010664.D
 Acq On : 04 Jul 2019 03:45
 Operator : JC/SP
 Sample : VX0703WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0703WBS02

Quant Time: Jul 04 05:40:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	227150	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	343130	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	314142	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	163841	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	105852	49.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.40%	
35) Dibromofluoromethane	5.49	113	100748	47.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.98%	
50) Toluene-d8	8.71	98	375629	46.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.54%	
62) 4-Bromofluorobenzene	11.13	95	136202	46.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	40025	25.345	ug/l	99
3) Chloromethane	1.32	50	41238	22.425	ug/l	99
4) Vinyl Chloride	1.41	62	45120	22.402	ug/l	94
5) Bromomethane	1.64	94	25974	26.470	ug/l	99
6) Chloroethane	1.72	64	28917	24.335	ug/l	98
7) Trichlorofluoromethane	1.93	101	74399	23.301	ug/l	98
8) Diethyl Ether	2.18	74	26382	23.041	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	42425	21.926	ug/l	98
10) Methyl Iodide	2.51	142	48271	17.481	ug/l	97
11) Tert butyl alcohol	3.04	59	56210	100.863	ug/l	98
12) 1,1-Dichloroethene	2.37	96	41919	21.291	ug/l	94
13) Acrolein	2.29	56	27727	75.000	ug/l	98
14) Allyl chloride	2.73	41	56027	20.044	ug/l	96
15) Acrylonitrile	3.14	53	117223	106.241	ug/l	100
16) Acetone	2.44	43	95334	89.317	ug/l	99
17) Carbon Disulfide	2.57	76	105071	19.891	ug/l	98
18) Methyl Acetate	2.77	43	48441	22.771	ug/l	98
19) Methyl tert-butyl Ether	3.19	73	132569	21.403	ug/l	98
20) Methylene Chloride	2.85	84	47858	21.787	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	44912	21.209	ug/l	97
22) Diisopropyl ether	3.85	45	126094	21.576	ug/l	98
23) Vinyl Acetate	3.81	43	517229	102.446	ug/l	100
24) 1,1-Dichloroethane	3.69	63	74075	21.927	ug/l	99
25) 2-Butanone	4.67	43	153947	98.325	ug/l	100
26) 2,2-Dichloropropane	4.57	77	38120	12.990	ug/l	97
27) cis-1,2-Dichloroethene	4.59	96	51797	21.167	ug/l	97
28) Bromochloromethane	5.01	49	31655	19.599	ug/l	94
29) Tetrahydrofuran	5.12	42	102252	105.436	ug/l	98
30) Chloroform	5.21	83	78433	21.579	ug/l	98
31) Cyclohexane	5.58	56	66288	21.548	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	67781	21.119	ug/l	99
36) 1,1-Dichloropropene	5.79	75	55729	20.438	ug/l	99
37) Ethyl Acetate	4.83	43	58857	20.982	ug/l	99
38) Carbon Tetrachloride	5.78	117	58336	19.757	ug/l	94

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 ClientSampleId :
 VX0703WBS02

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	72071	20.108	ug/l	97
40) Benzene	6.14	78	178321	20.991	ug/l	99
41) Methacrylonitrile	5.03	41	31575	20.515	ug/l	99
42) 1,2-Dichloroethane	6.19	62	58007	22.432	ug/l	98
43) Isopropyl Acetate	6.44	43	92549	19.942	ug/l	98
44) Trichloroethene	7.21	130	52997	20.849	ug/l	99
45) 1,2-Dichloropropane	7.51	63	44287	20.645	ug/l	98
46) Dibromomethane	7.66	93	31715	20.606	ug/l	97
47) Bromodichloromethane	7.90	83	55447	19.657	ug/l	96
48) Methyl methacrylate	7.77	41	46014	21.330	ug/l	98
49) 1,4-Dioxane	7.73	88	25460	409.696	ug/l	99
51) 4-Methyl-2-Pentanone	8.63	43	312761	105.370	ug/l	98
52) Toluene	8.78	92	116092	20.752	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	54574	17.257	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	62633	18.225	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	47985	20.798	ug/l	96
56) Ethyl methacrylate	9.18	69	69874	19.992	ug/l	96
57) 1,3-Dichloropropane	9.37	76	75415	21.057	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	155653	93.772	ug/l	99
59) 2-Hexanone	9.49	43	241365	103.320	ug/l	98
60) Dibromochloromethane	9.58	129	48158	18.642	ug/l	98
61) 1,2-Dibromoethane	9.67	107	50568	20.306	ug/l	100
64) Tetrachloroethene	9.34	164	52091	20.501	ug/l	99
65) Chlorobenzene	10.13	112	132173	20.724	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	44988	19.366	ug/l	97
67) Ethyl Benzene	10.25	91	222127	20.630	ug/l	99
68) m/p-Xylenes	10.35	106	171552	41.121	ug/l	100
69) o-Xylene	10.69	106	83582	20.372	ug/l	99
70) Styrene	10.71	104	141397	20.551	ug/l	98
71) Bromoform	10.85	173	34400	17.028	ug/l #	99
73) Isopropylbenzene	11.02	105	222338	20.019	ug/l	99
74) N-amyl acetate	10.90	43	81088	19.319	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	74114	20.150	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	75107	25.156	ug/l	81
77) Bromobenzene	11.25	156	60451	19.493	ug/l	99
78) n-propylbenzene	11.36	91	246741	20.214	ug/l	99
79) 2-Chlorotoluene	11.42	91	145969	20.082	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	182286	19.909	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	16787	13.117	ug/l #	87
82) 4-Chlorotoluene	11.51	91	166790	20.166	ug/l	100
83) tert-Butylbenzene	11.77	119	181027	19.699	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	187650	20.399	ug/l	98
85) sec-Butylbenzene	11.94	105	214149	19.847	ug/l	100
86) p-Isopropyltoluene	12.06	119	195790	19.618	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	107479	19.854	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	107512	19.508	ug/l	99
89) n-Butylbenzene	12.38	91	164532	19.401	ug/l	99
90) Hexachloroethane	12.60	117	29690	17.204	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	107647	20.008	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	13659	17.224	ug/l	91

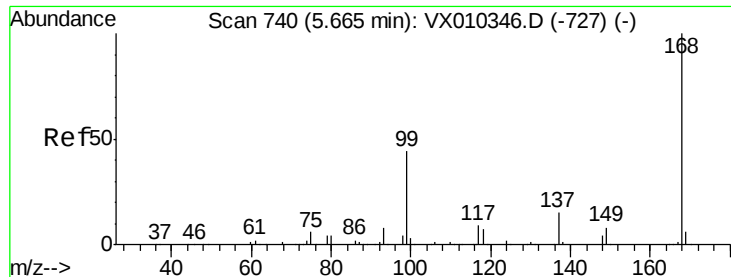
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070319\
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Quant Title : SW846 8260
QLast Update : Thu Jun 20 03:31:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	71270	19.102	ug/l	98
94) Hexachlorobutadiene	13.78	225	34249	18.782	ug/l	100
95) Naphthalene	13.83	128	214970	18.749	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	72671	19.590	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX010664.D

Acq: 04 Jul 2019 03:45

Instrument :

MSVOA_X

ClientSampleId :

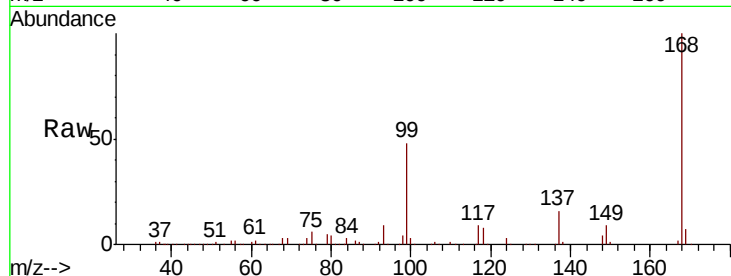
VX0703WBS02

Tot Ion:168 Resp: 227150

Ion Ratio Lower Upper

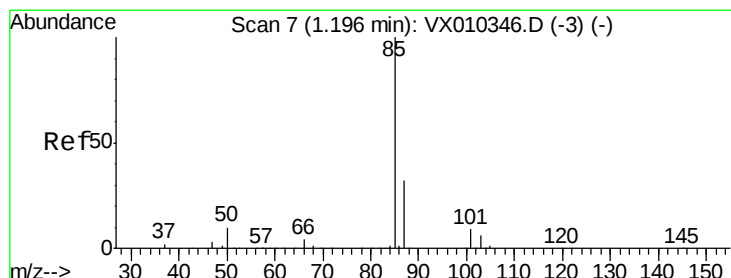
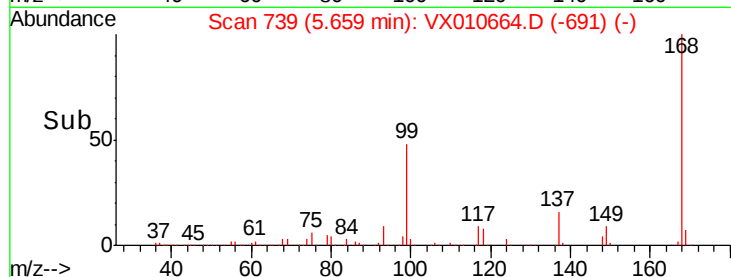
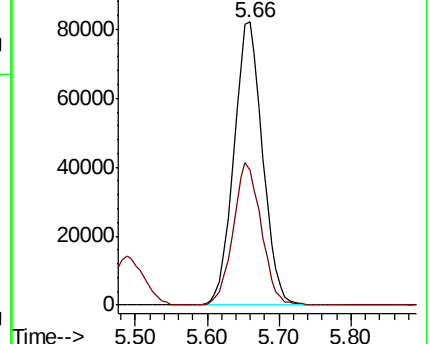
168 100

99 47.6 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 25.345 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX010664.D

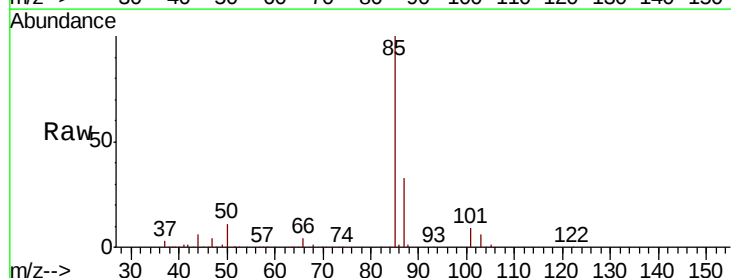
Acq: 04 Jul 2019 03:45

Tgt Ion: 85 Resp: 40025

Ion Ratio Lower Upper

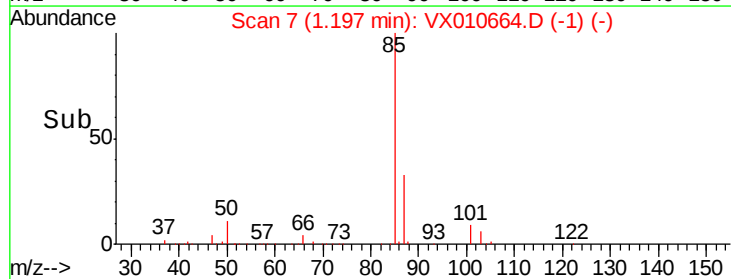
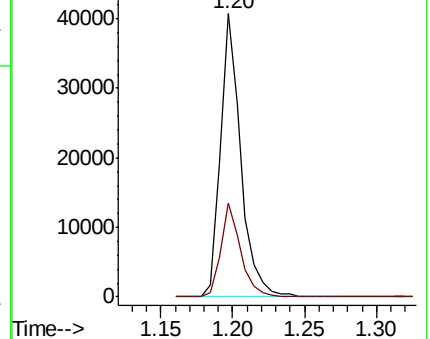
85 100

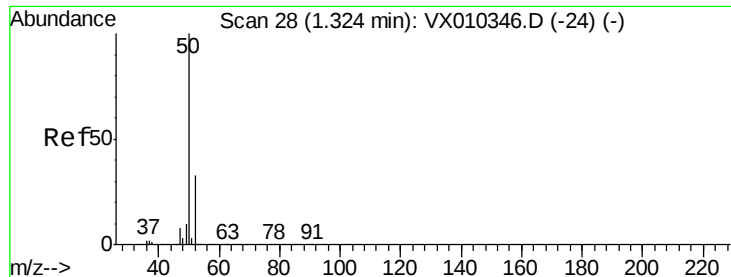
87 33.0 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 22.425 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX010664.D

Acq: 04 Jul 2019 03:45

Instrument :

MSVOA_X

ClientSampleId :

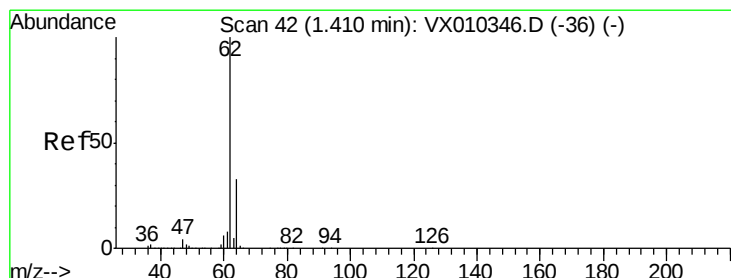
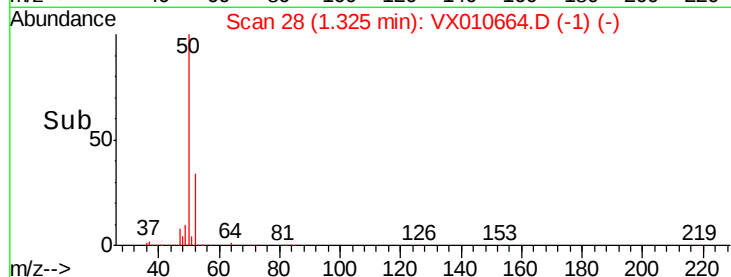
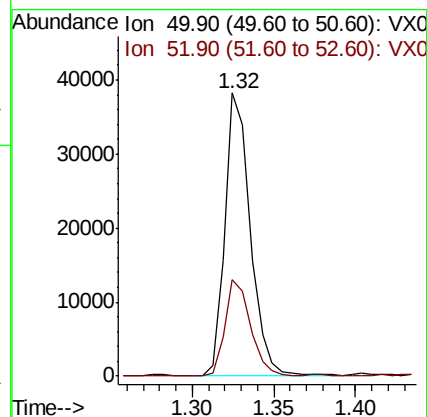
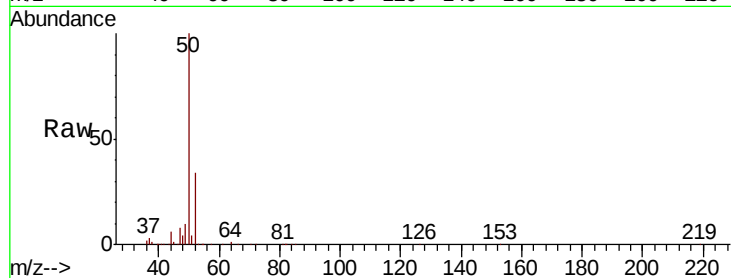
VX0703WBS02

Tot Ion: 50 Resp: 41238

Ion Ratio Lower Upper

50 100

52 33.9 26.5 39.7



#4

Vinyl Chloride

Concen: 22.402 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX010664.D

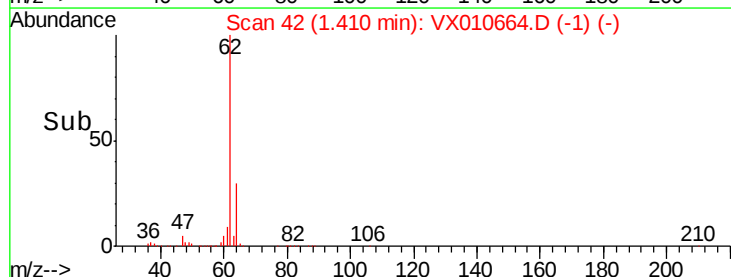
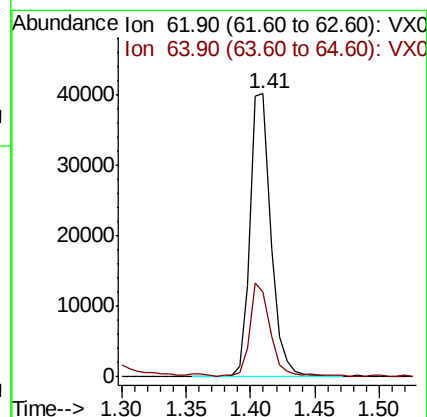
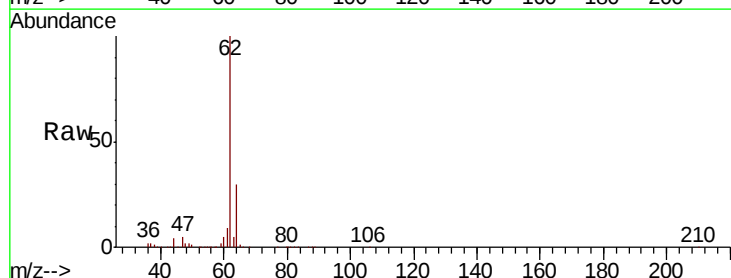
Acq: 04 Jul 2019 03:45

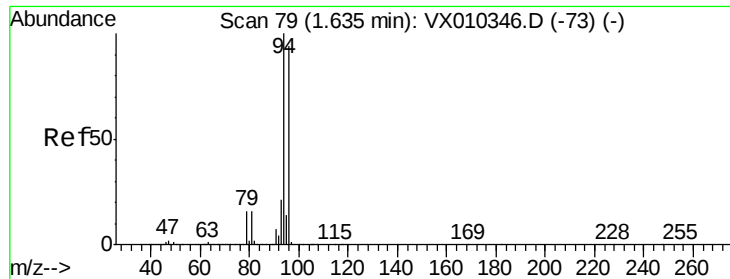
Tgt Ion: 62 Resp: 45120

Ion Ratio Lower Upper

62 100

64 29.4 26.2 39.4





#5

Bromomethane

Concen: 26.470 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX010664.D

Acq: 04 Jul 2019 03:45

Instrument :

MSVOA_X

ClientSampleId :

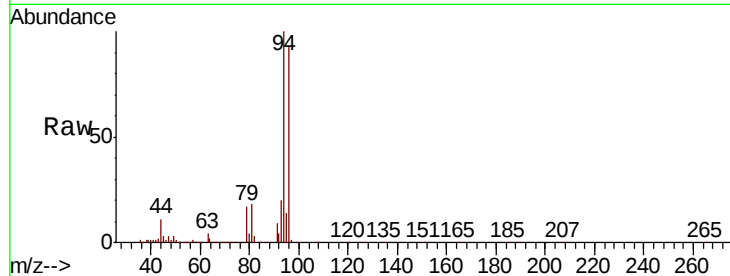
VX0703WBS02

Tot Ion: 94 Resp: 25974

Ion Ratio Lower Upper

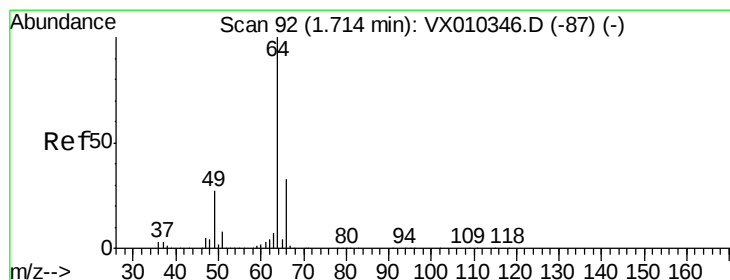
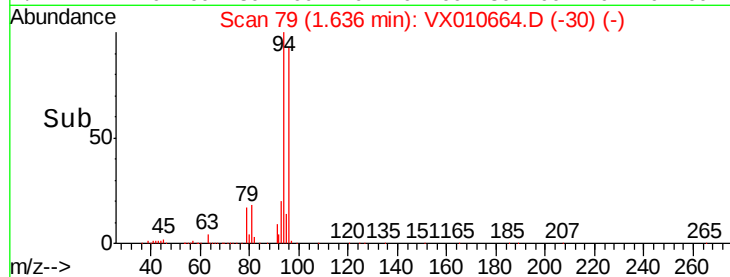
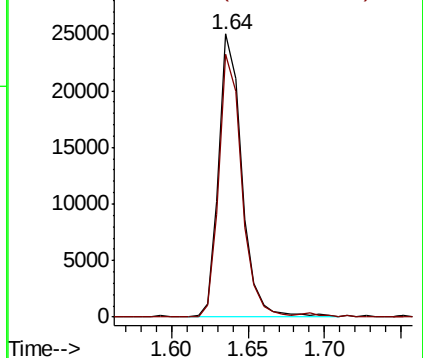
94 100

96 93.1 75.5 113.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 24.335 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX010664.D

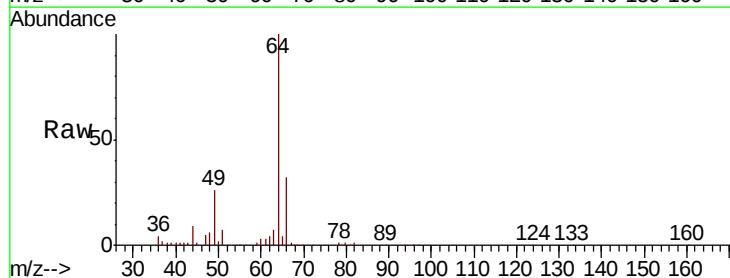
Acq: 04 Jul 2019 03:45

Tgt Ion: 64 Resp: 28917

Ion Ratio Lower Upper

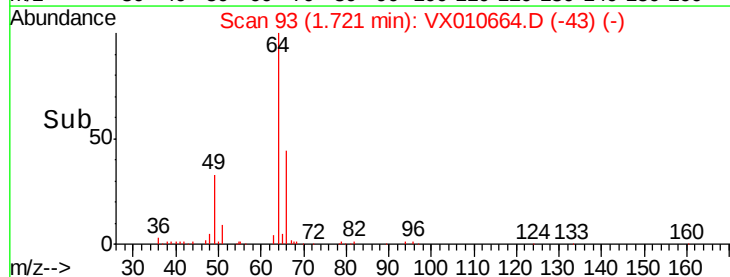
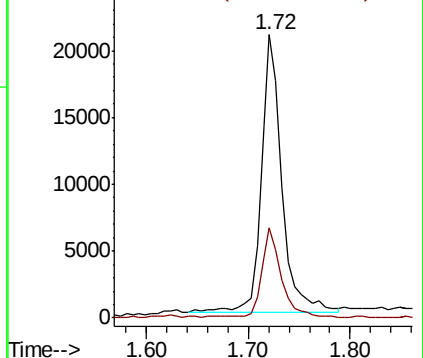
64 100

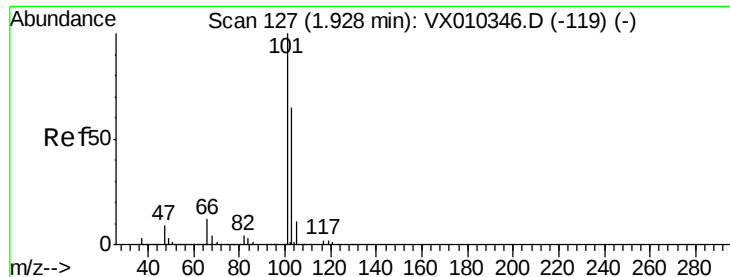
66 32.4 26.6 40.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



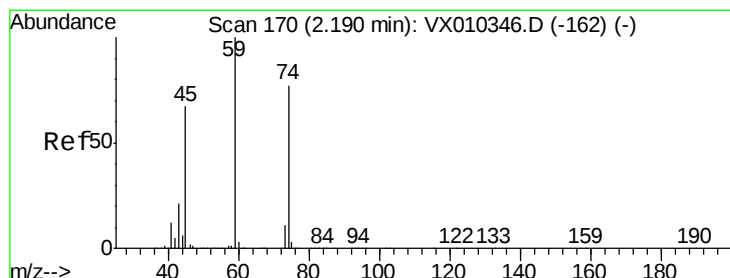
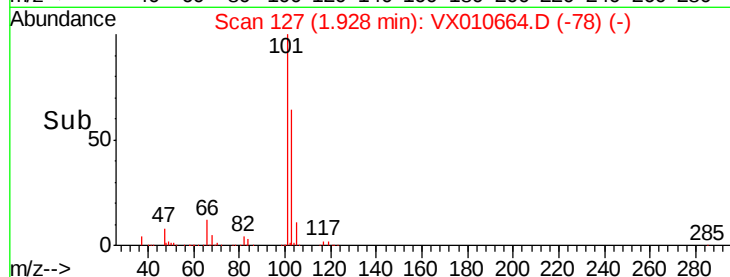
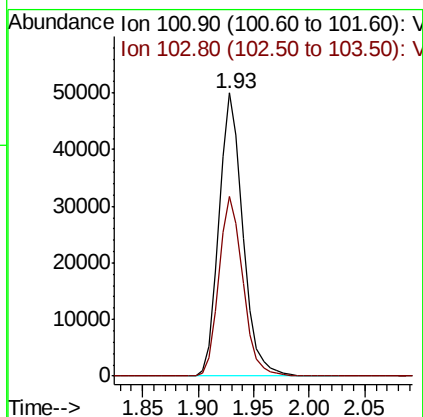
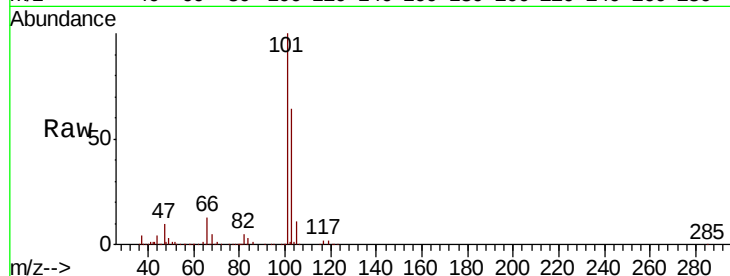


#7

Trichlorofluoromethane
 Concen: 23.301 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.00 min
 Lab File: VX010664.D
 Acq: 04 Jul 2019 03:45

Instrument :
 MSVOA_X
 ClientSampled :
 VX0703WBS02

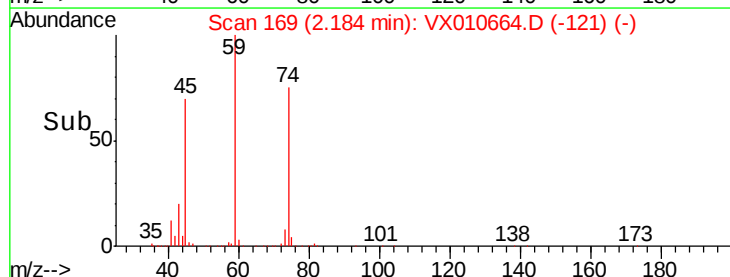
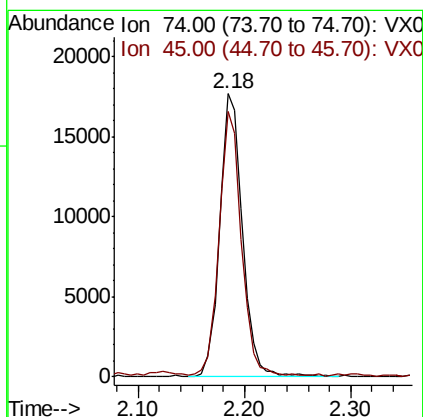
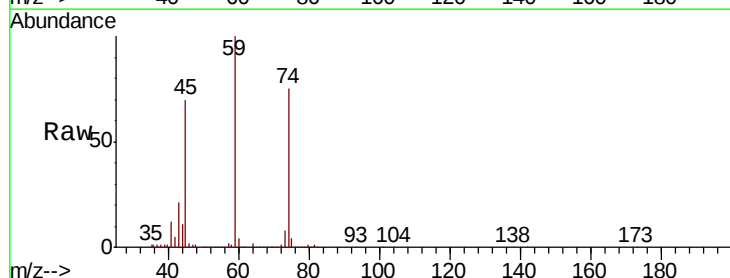
Tot Ion:101 Resp: 74399
 Ion Ratio Lower Upper
 101 100
 103 63.6 52.3 78.5



#8

Diethyl Ether
 Concen: 23.041 ug/l
 RT: 2.18 min Scan# 169
 Delta R.T. -0.01 min
 Lab File: VX010664.D
 Acq: 04 Jul 2019 03:45

Tgt Ion: 74 Resp: 26382
 Ion Ratio Lower Upper
 74 100
 45 90.6 44.8 134.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.926 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX010664.D

Acq: 04 Jul 2019 03:45

Instrument :

MSVOA_X

ClientSampleId :

VX0703WBS02

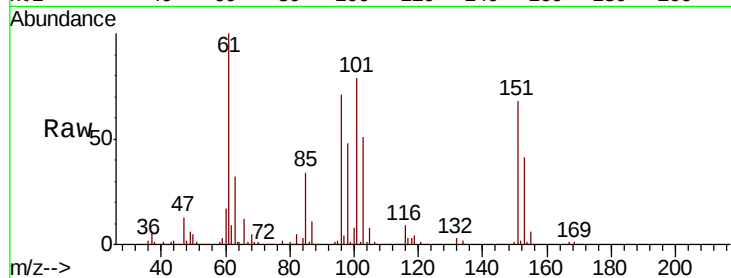
Tot Ion:101 Resp: 42425

Ion Ratio Lower Upper

101 100

85 42.7 33.7 50.5

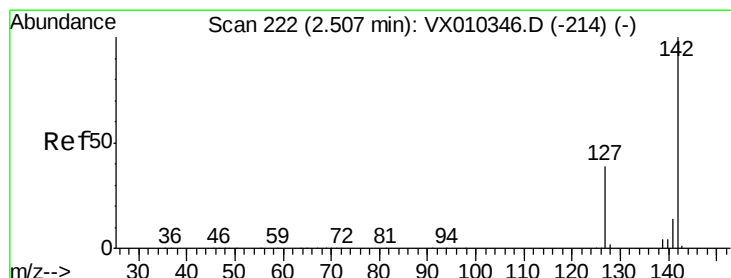
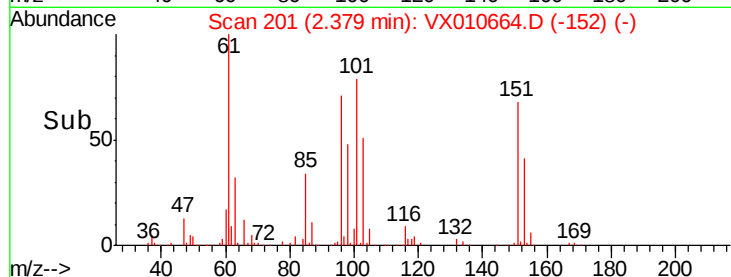
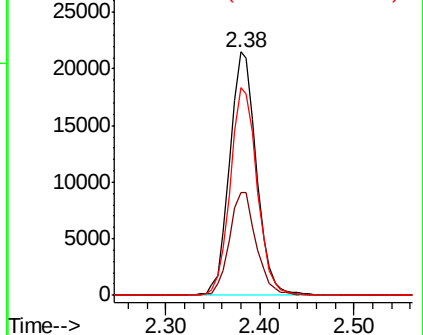
151 85.3 70.1 105.1



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: 17.481 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX010664.D

Acq: 04 Jul 2019 03:45

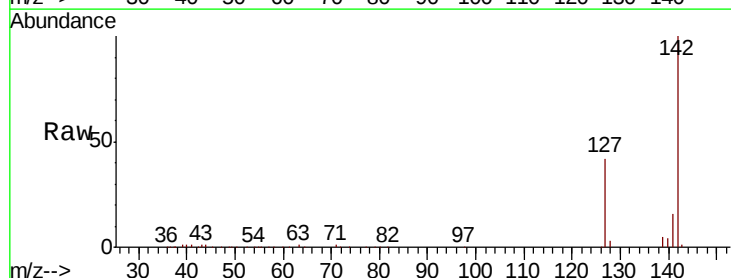
Tgt Ion:142 Resp: 48271

Ion Ratio Lower Upper

142 100

127 41.1 31.1 46.7

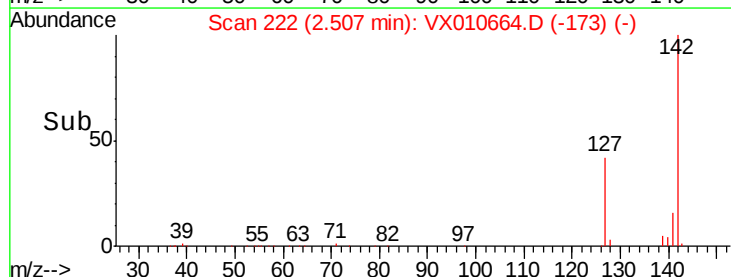
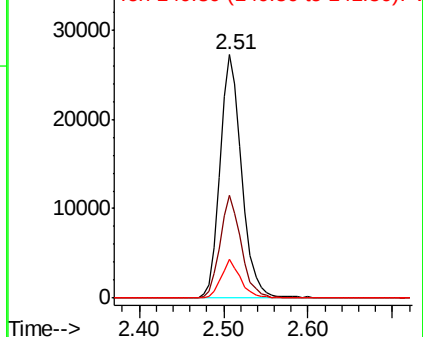
141 14.3 11.2 16.8

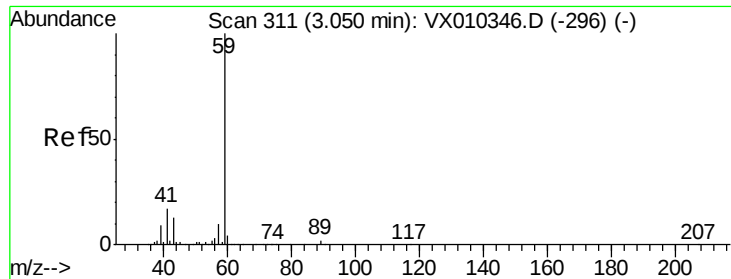


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

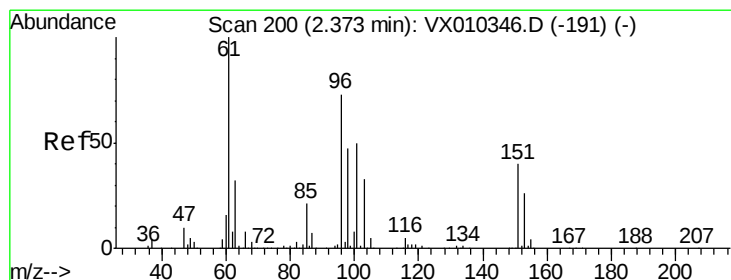
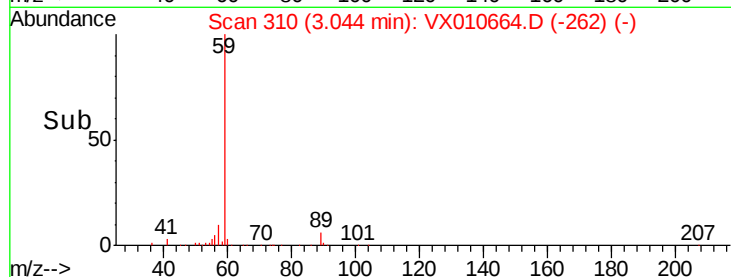
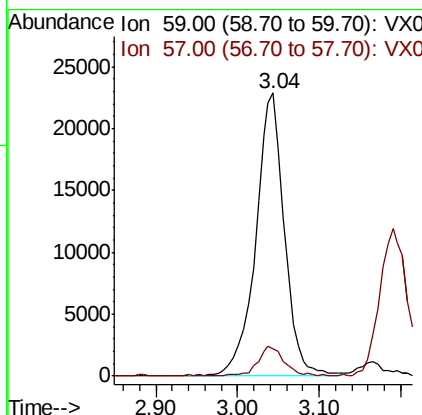
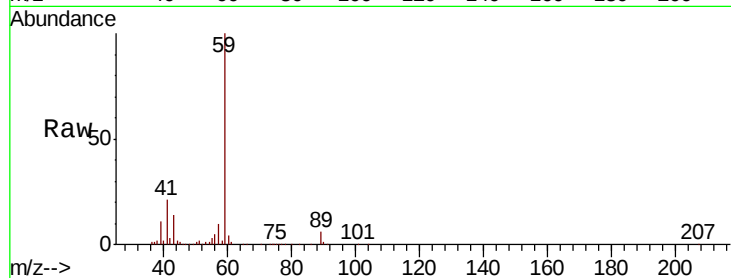




#11
Tert butyl alcohol
Concen: 100.863 ug/l
RT: 3.04 min Scan# 310
Delta R.T. -0.01 min
Lab File: VX010664.D
Acq: 04 Jul 2019 03:45

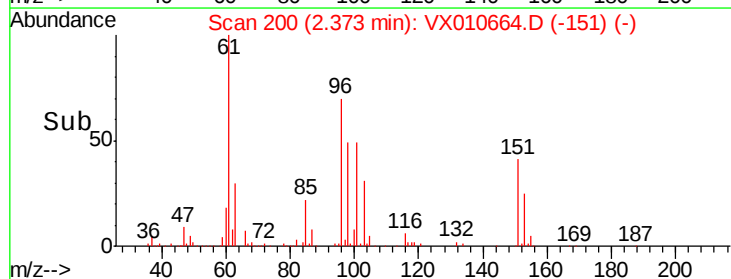
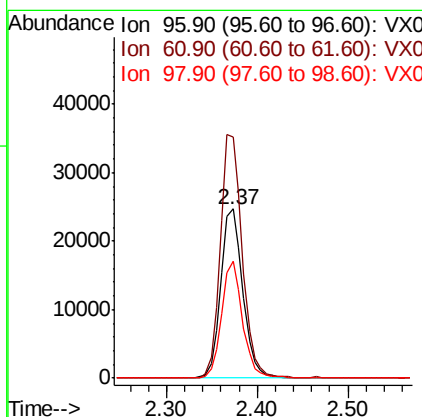
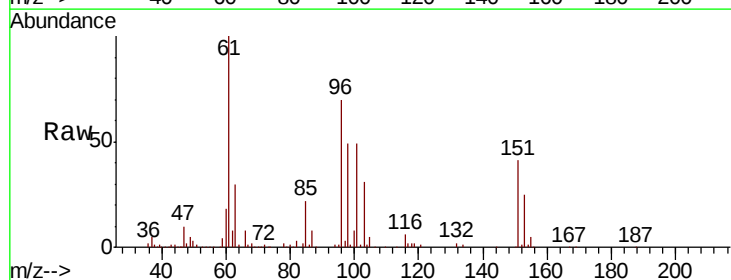
Instrument :
MSVOA_X
ClientSampleId :
VX0703WBS02

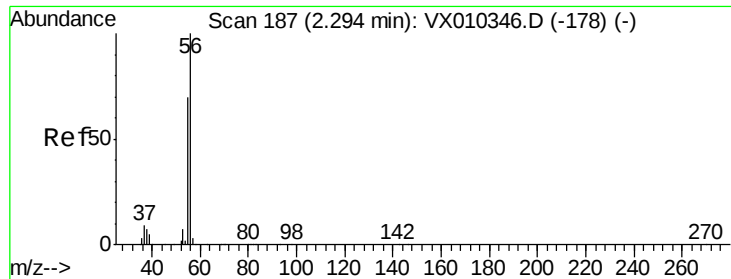
Tot Ion: 59 Resp: 56210
Ion Ratio Lower Upper
59 100
57 10.2 7.7 11.5



#12
1,1-Dichloroethene
Concen: 21.291 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX010664.D
Acq: 04 Jul 2019 03:45

Tgt Ion: 96 Resp: 41919
Ion Ratio Lower Upper
96 100
61 142.5 109.2 163.8
98 69.3 51.1 76.7





#13

Acrolein

Concen: 75.000 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX010664.D

Acq: 04 Jul 2019 03:45

Instrument :

MSVOA_X

ClientSampleId :

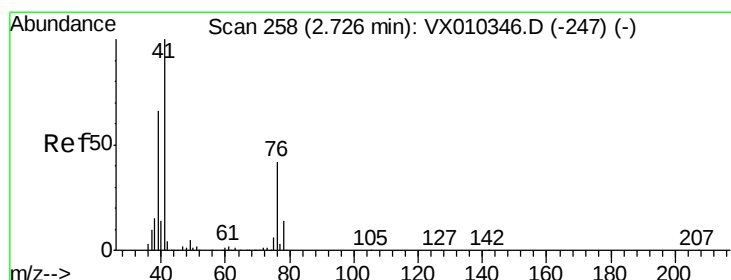
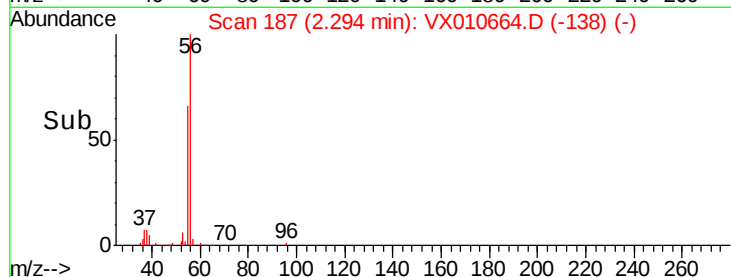
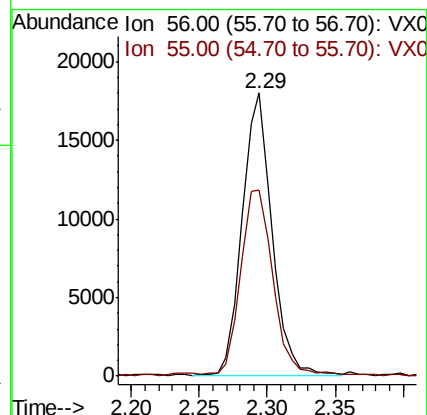
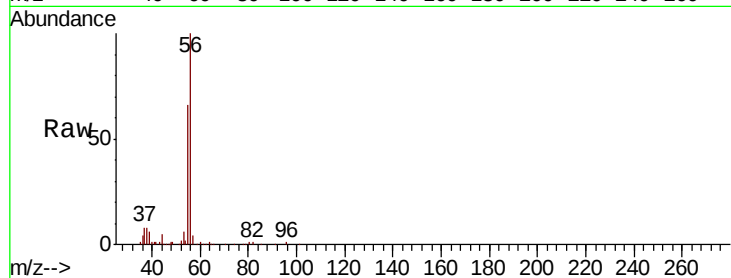
VX0703WBS02

Tot Ion: 56 Resp: 27727

Ion Ratio Lower Upper

56 100

55 72.7 56.9 85.3



#14

Allyl chloride

Concen: 20.044 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX010664.D

Acq: 04 Jul 2019 03:45

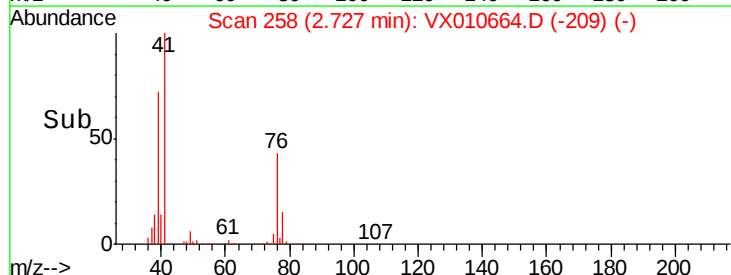
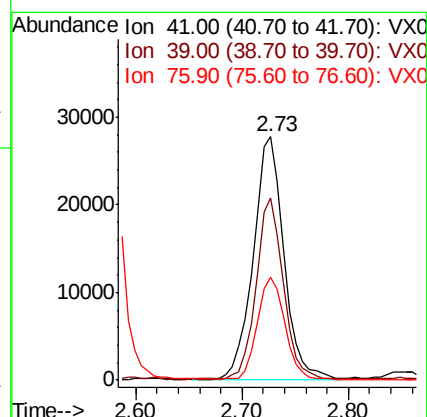
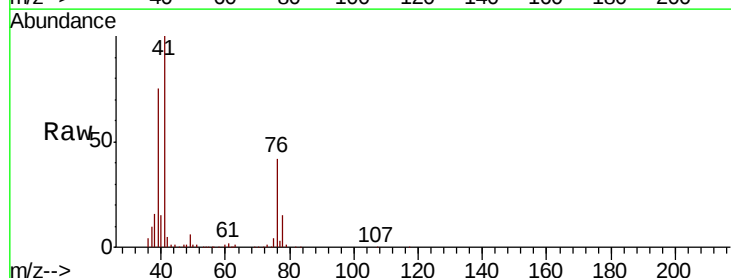
Tgt Ion: 41 Resp: 56027

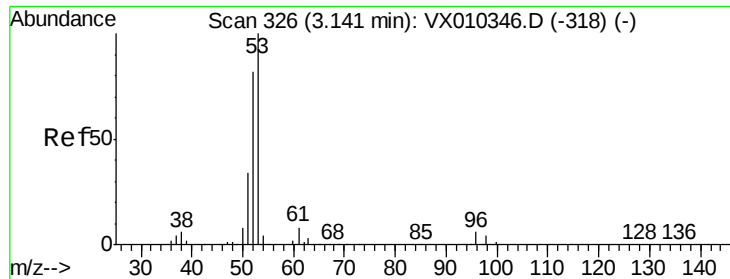
Ion Ratio Lower Upper

41 100

39 66.7 50.3 75.5

76 38.1 31.3 46.9



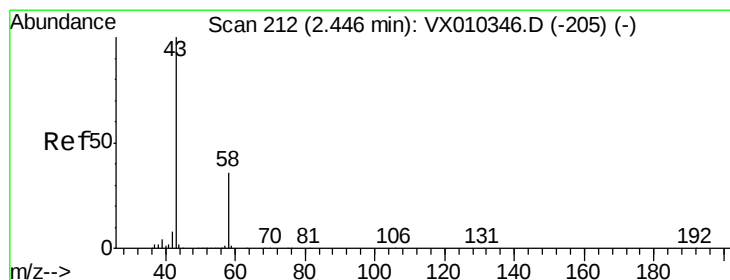
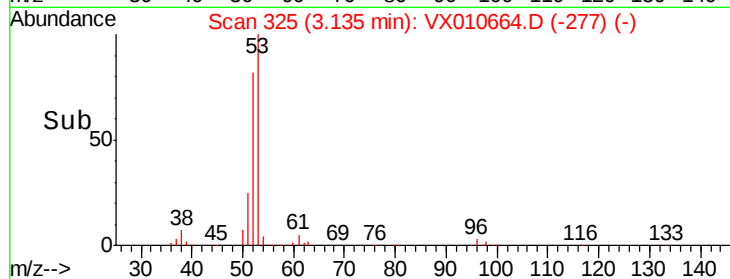
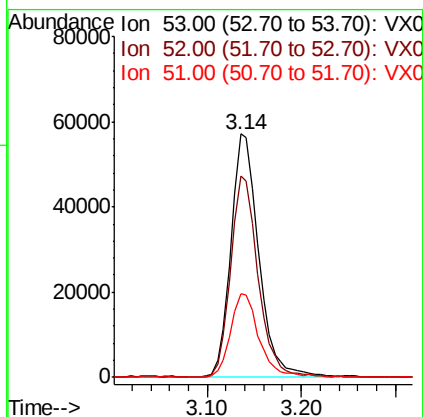
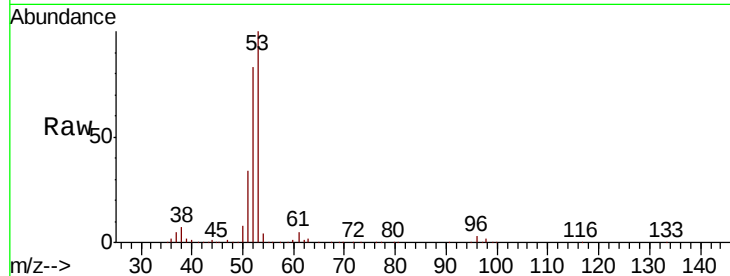


#15
 Acrylonitrile
 Concen: 106.241 ug/l
 RT: 3.14 min Scan# 325
 Delta R.T. -0.01 min
 Lab File: VX010664.D
 Acq: 04 Jul 2019 03:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0703WBS02

Tot Ion: 53 Resp: 117223

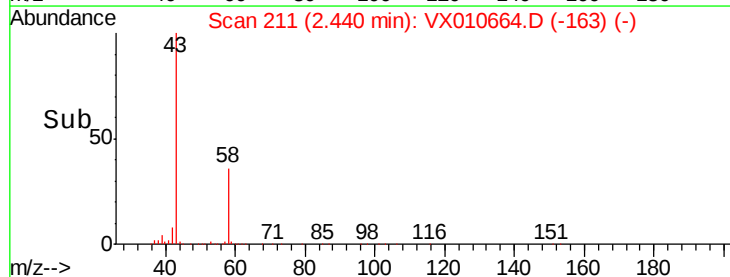
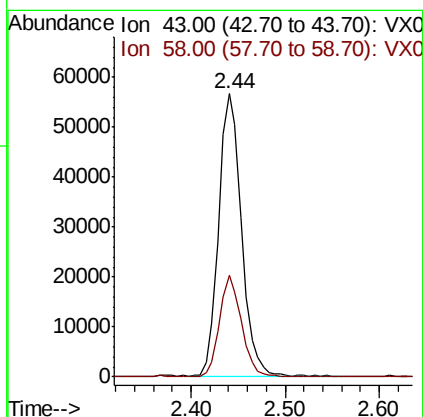
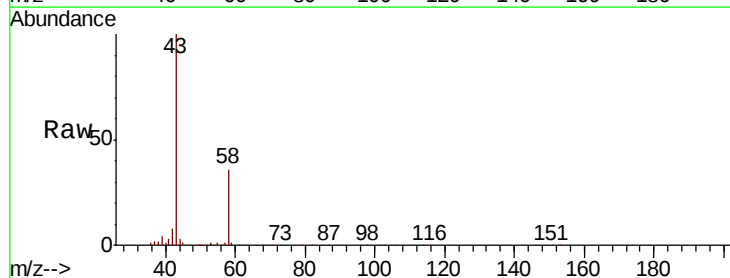
Ion	Ratio	Lower	Upper
53	100		
52	82.2	65.5	98.3
51	35.7	28.2	42.4

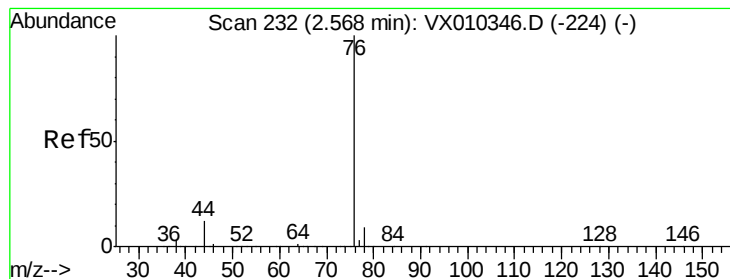


#16
 Acetone
 Concen: 89.317 ug/l
 RT: 2.44 min Scan# 211
 Delta R.T. -0.01 min
 Lab File: VX010664.D
 Acq: 04 Jul 2019 03:45

Tgt Ion: 43 Resp: 95334

Ion	Ratio	Lower	Upper
43	100		
58	35.7	28.9	43.3





#17

Carbon Disulfide

Concen: 19.891 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX010664.D

Acq: 04 Jul 2019 03:45

Instrument :

MSVOA_X

ClientSampleId :

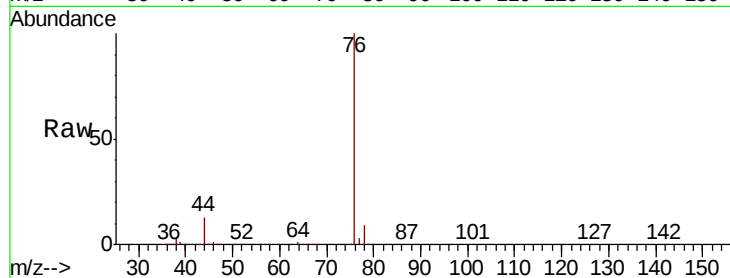
VX0703WBS02

Tot Ion: 76 Resp: 105071

Ion Ratio Lower Upper

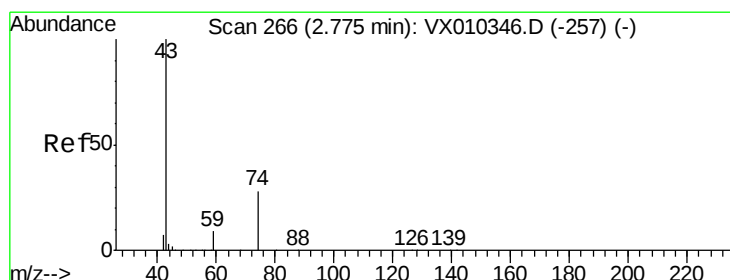
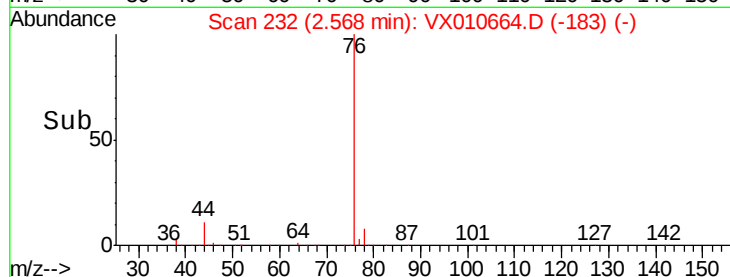
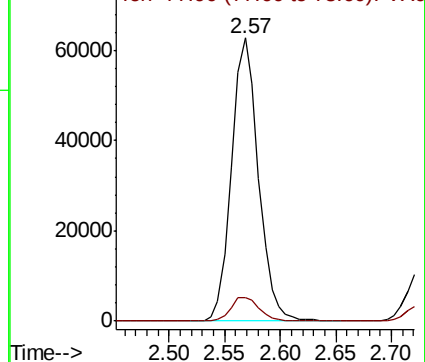
76 100

78 8.5 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 22.771 ug/l

RT: 2.77 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX010664.D

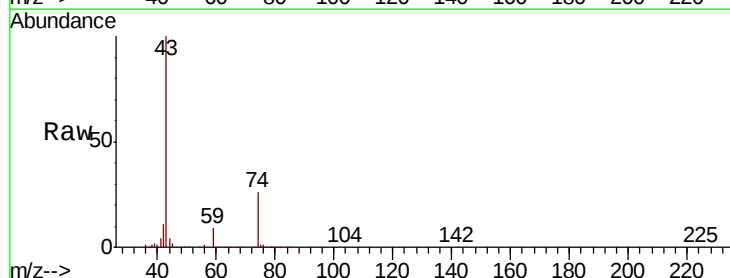
Acq: 04 Jul 2019 03:45

Tgt Ion: 43 Resp: 48441

Ion Ratio Lower Upper

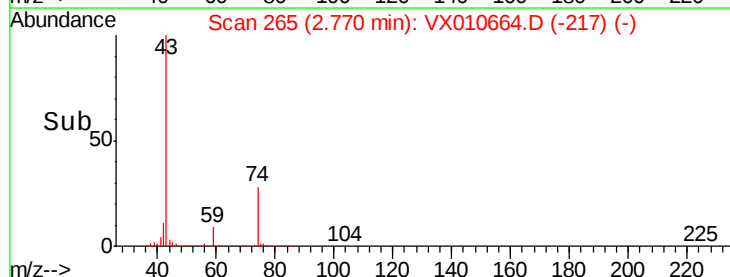
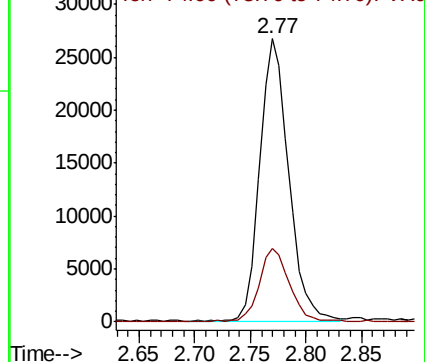
43 100

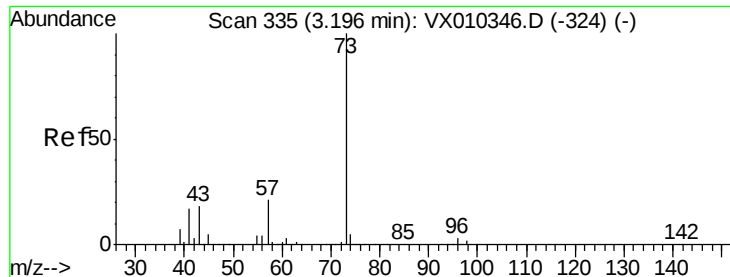
74 27.4 21.3 31.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



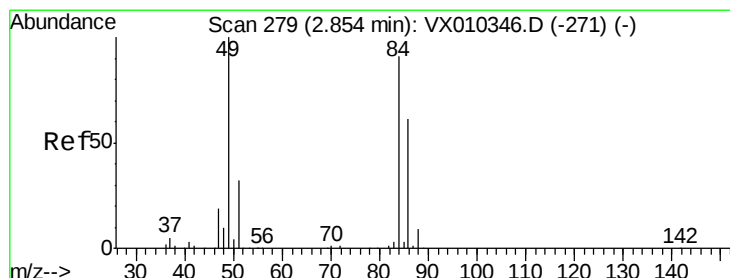
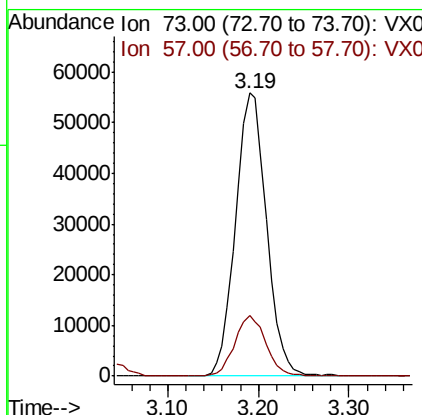
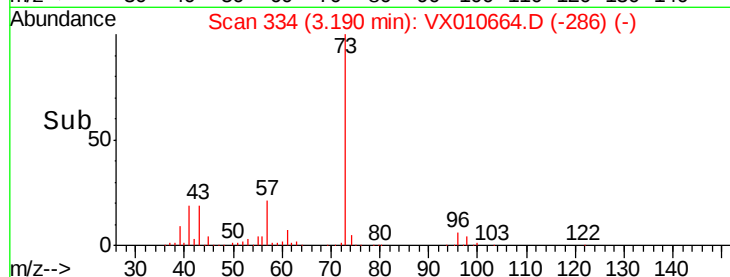
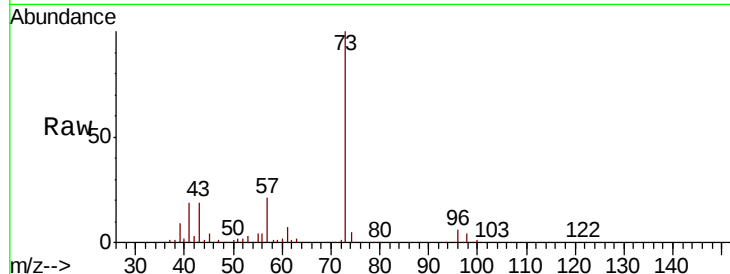


#19

Methyl tert-butyl Ether
 Concen: 21.403 ug/l
 RT: 3.19 min Scan# 334
 Delta R.T. -0.01 min
 Lab File: VX010664.D
 Acq: 04 Jul 2019 03:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0703WBS02

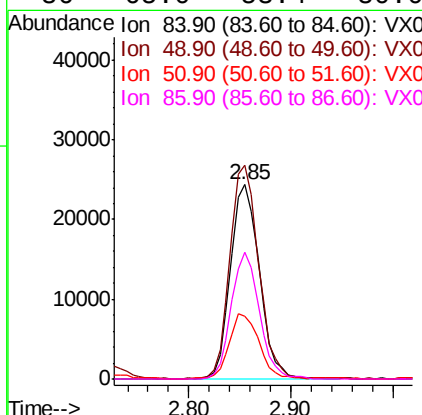
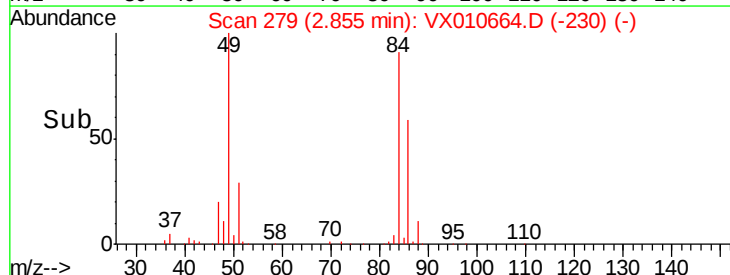
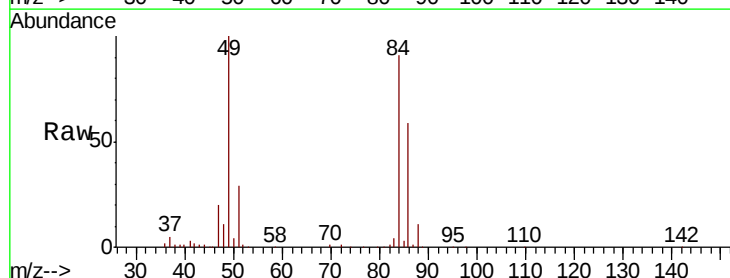
Tot Ion: 73 Resp: 132569
 Ion Ratio Lower Upper
 73 100
 57 21.3 16.4 24.6



#20

Methylene Chloride
 Concen: 21.787 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. 0.00 min
 Lab File: VX010664.D
 Acq: 04 Jul 2019 03:45

Tgt Ion: 84 Resp: 47858
 Ion Ratio Lower Upper
 84 100
 49 109.7 87.5 131.3
 51 32.0 27.7 41.5
 86 65.0 53.4 80.0

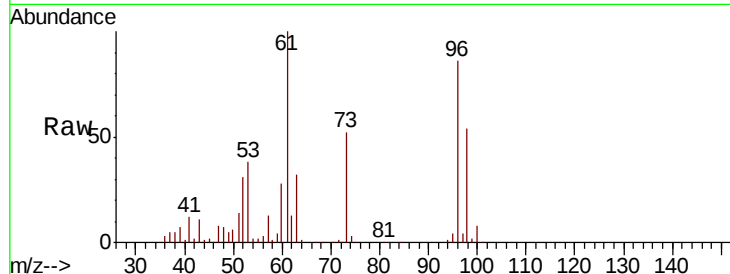




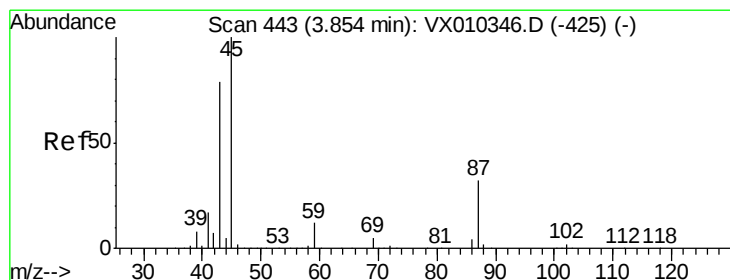
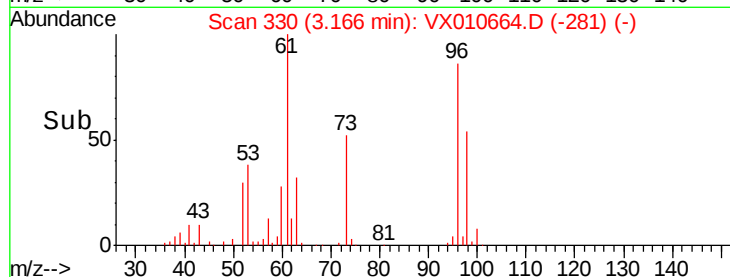
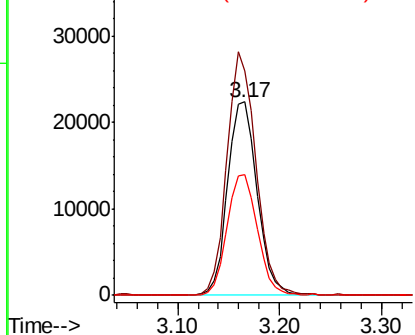
#21
trans-1,2-Dichloroethene
Concen: 21.209 ug/l
RT: 3.17 min Scan# 330
Delta R.T. 0.00 min
Lab File: VX010664.D
Acq: 04 Jul 2019 03:45

Instrument :
MSVOA_X
ClientSampled :
VX0703WBS02

Tot Ion: 96 Resp: 44912
Ion Ratio Lower Upper
96 100
61 116.0 95.6 143.4
98 62.6 52.5 78.7

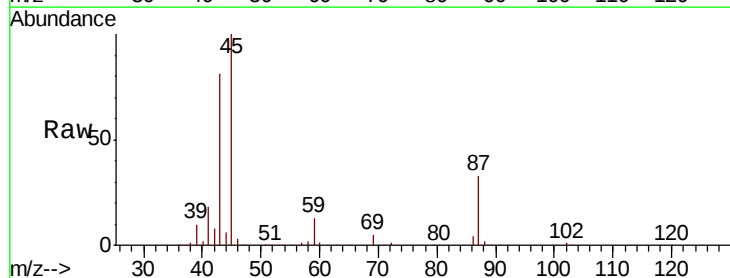


Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0

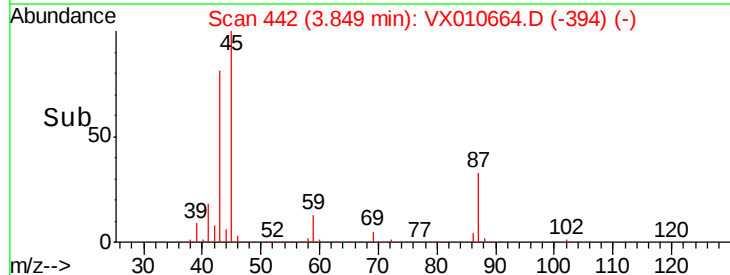
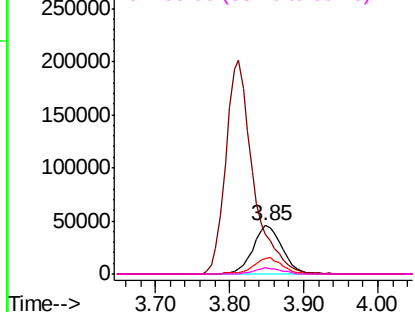


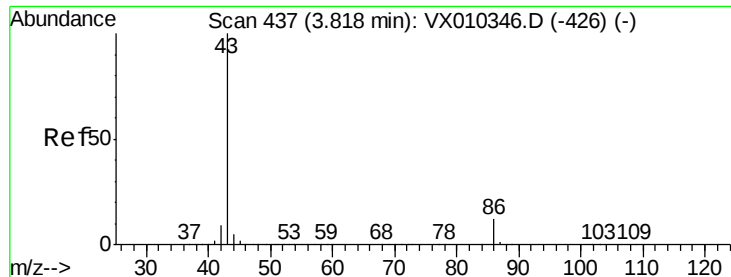
#22
Diisopropyl ether
Concen: 21.576 ug/l
RT: 3.85 min Scan# 442
Delta R.T. -0.01 min
Lab File: VX010664.D
Acq: 04 Jul 2019 03:45

Tgt Ion: 45 Resp: 126094
Ion Ratio Lower Upper
45 100
43 80.6 63.3 94.9
87 32.7 25.8 38.8
59 12.9 9.6 14.4



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 102.446 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX010664.D

Acq: 04 Jul 2019 03:45

Instrument :

MSVOA_X

ClientSampleId :

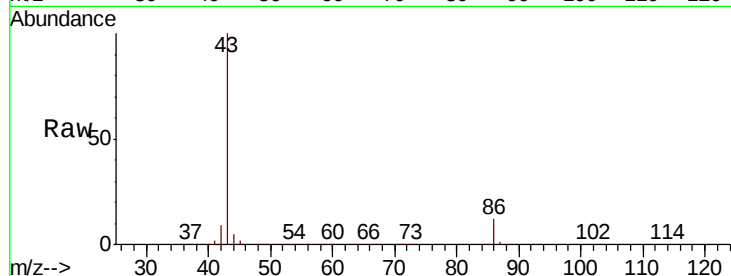
VX0703WBS02

Tot Ion: 43 Resp: 517229

Ion Ratio Lower Upper

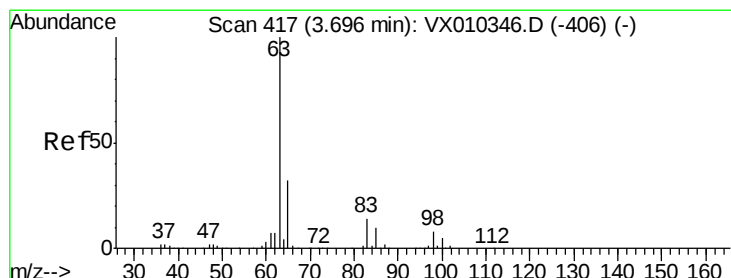
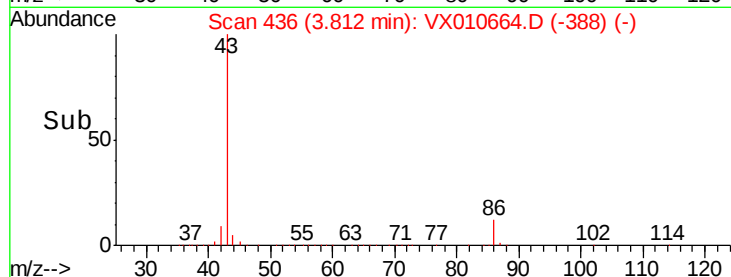
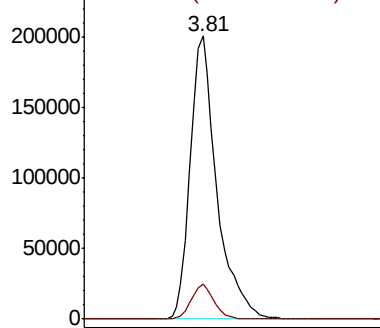
43 100

86 12.3 9.9 14.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 21.927 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.01 min

Lab File: VX010664.D

Acq: 04 Jul 2019 03:45

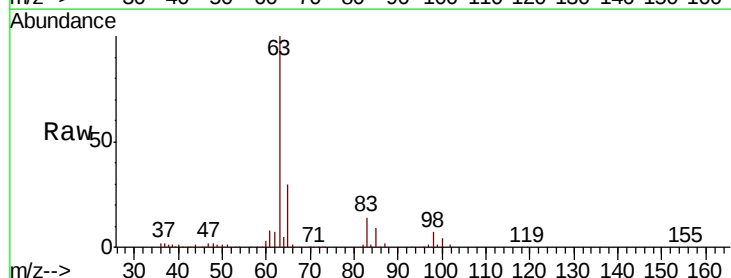
Tgt Ion: 63 Resp: 74075

Ion Ratio Lower Upper

63 100

98 7.3 3.9 11.7

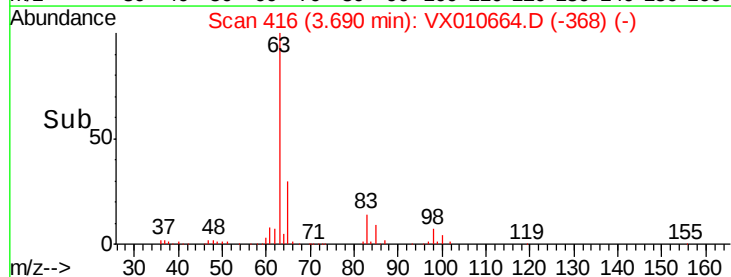
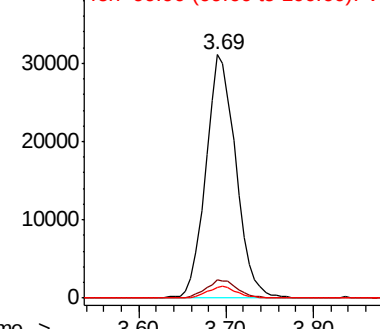
100 4.3 2.4 7.1

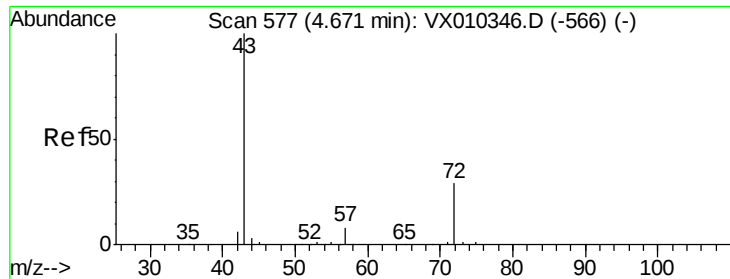


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 98.325 ug/l

RT: 4.67 min Scan# 576

Delta R.T. -0.01 min

Lab File: VX010664.D

Acq: 04 Jul 2019 03:45

Instrument :

MSVOA_X

ClientSampleId :

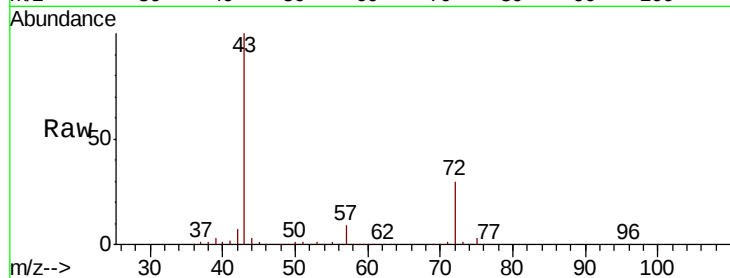
VX0703WBS02

Tot Ion: 43 Resp: 153947

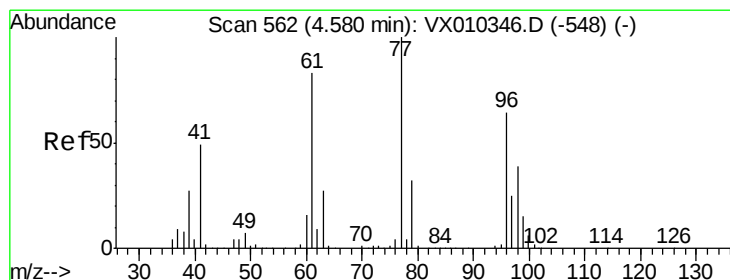
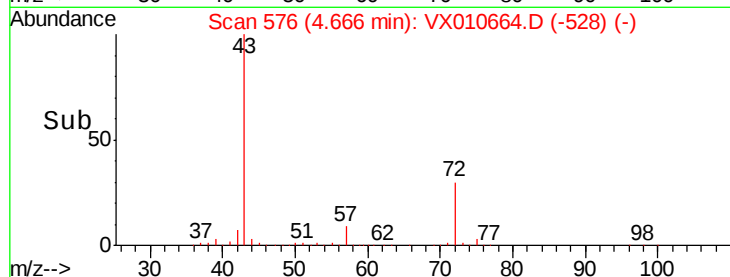
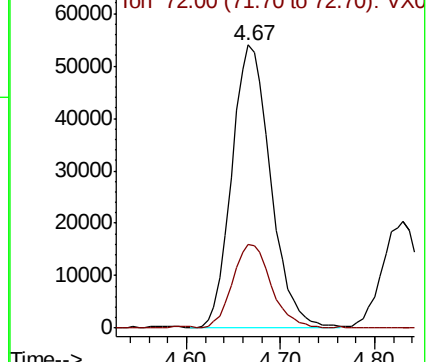
Ion Ratio Lower Upper

43 100

72 29.3 23.3 34.9



Abundance Ion 43.00 (42.70 to 43.70): VX0



#26

2,2-Dichloropropane

Concen: 12.990 ug/l

RT: 4.57 min Scan# 561

Delta R.T. -0.01 min

Lab File: VX010664.D

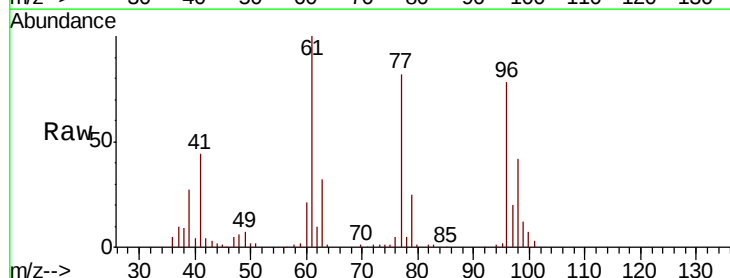
Acq: 04 Jul 2019 03:45

Tgt Ion: 77 Resp: 38120

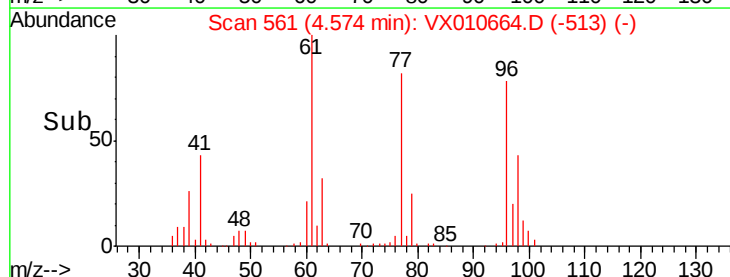
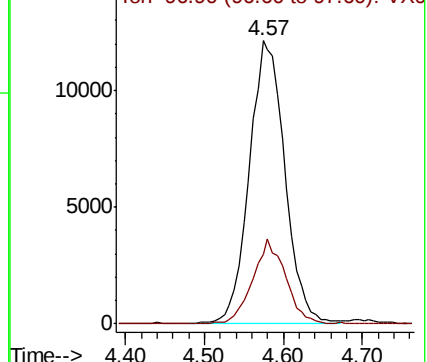
Ion Ratio Lower Upper

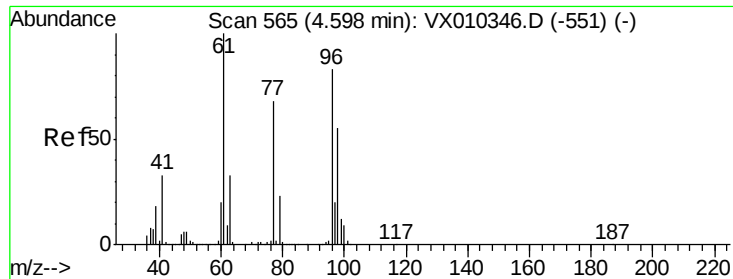
77 100

97 27.5 13.1 39.3



Abundance Ion 76.90 (76.60 to 77.60): VX0



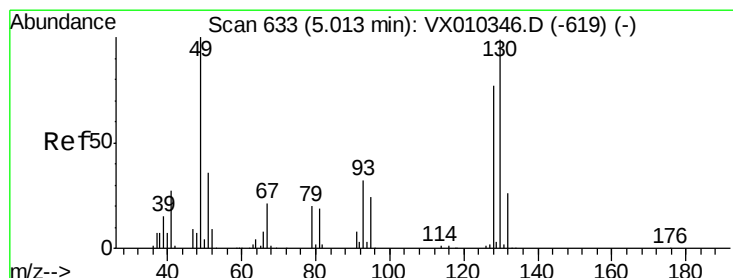
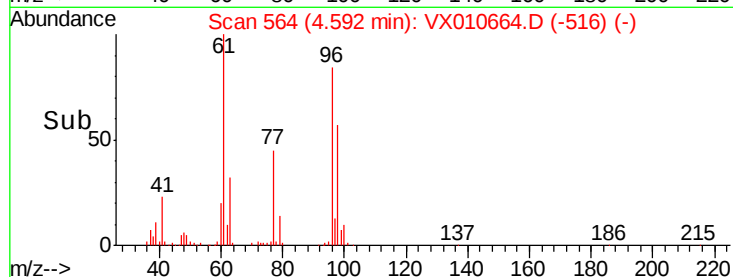
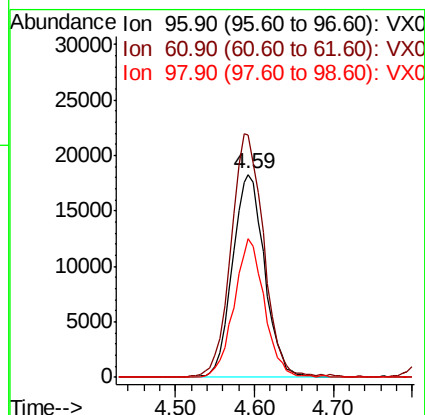
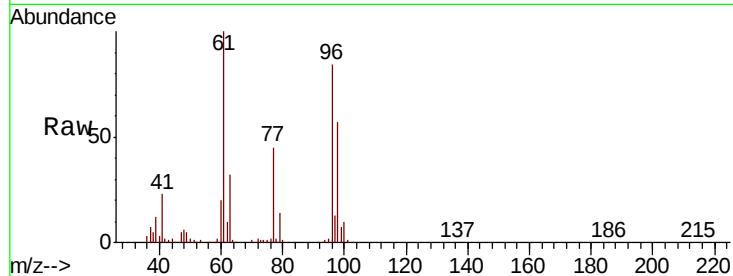


#27

cis-1,2-Dichloroethene
Concen: 21.167 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.01 min
Lab File: VX010664.D
Acq: 04 Jul 2019 03:45

Instrument :
MSVOA_X
ClientSampleId :
VX0703WBS02

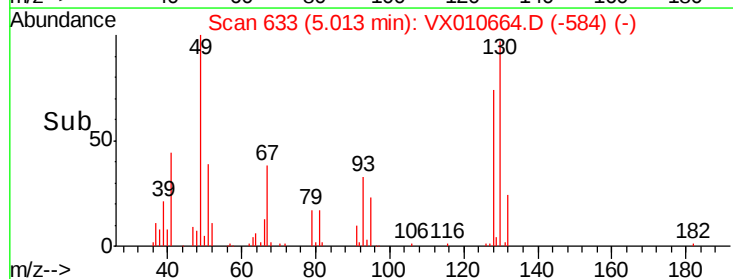
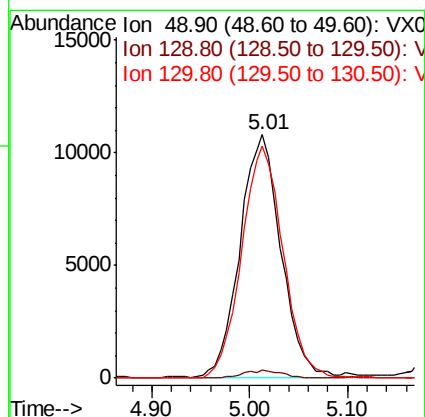
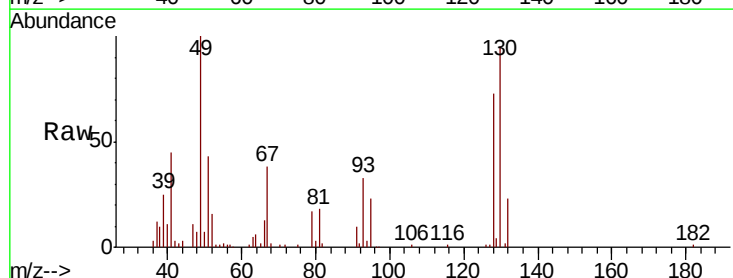
Tot Ion: 96 Resp: 51797
Ion Ratio Lower Upper
96 100
61 121.8 0.0 251.8
98 64.3 0.0 129.4

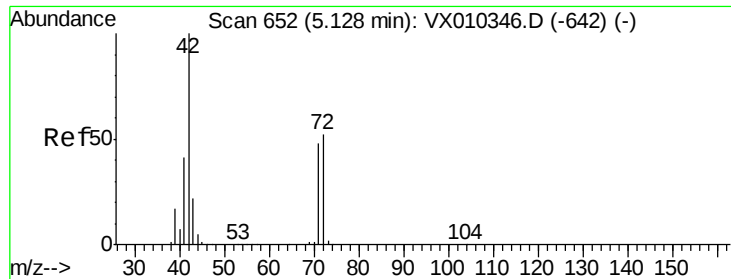


#28

Bromochloromethane
Concen: 19.599 ug/l
RT: 5.01 min Scan# 633
Delta R.T. 0.00 min
Lab File: VX010664.D
Acq: 04 Jul 2019 03:45

Tgt Ion: 49 Resp: 31655
Ion Ratio Lower Upper
49 100
129 3.0 0.0 5.6
130 96.0 81.4 122.0





#29

Tetrahydrofuran

Concen: 105.436 ug/l

RT: 5.12 min Scan# 651

Delta R.T. -0.01 min

Lab File: VX010664.D

Acq: 04 Jul 2019 03:45

Instrument :

MSVOA_X

ClientSampleId :

VX0703WBS02

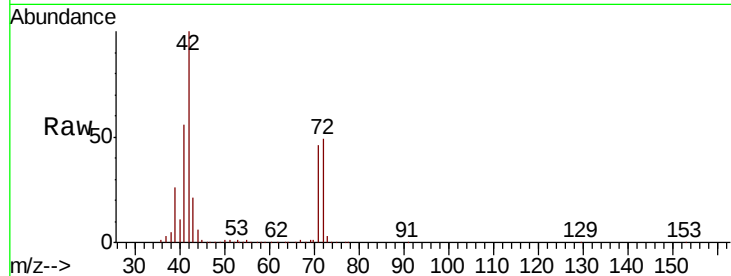
Tot Ion: 42 Resp: 102252

Ion Ratio Lower Upper

42 100

72 48.7 40.6 60.8

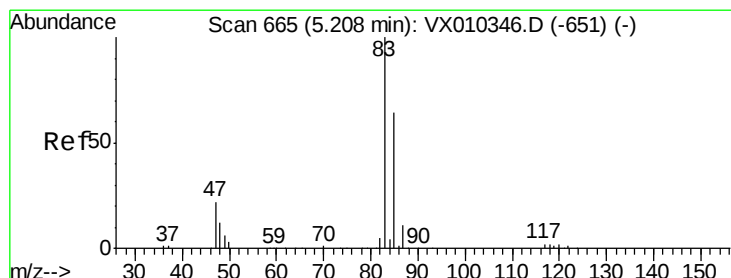
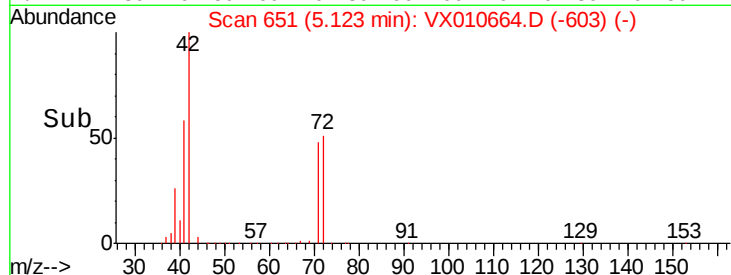
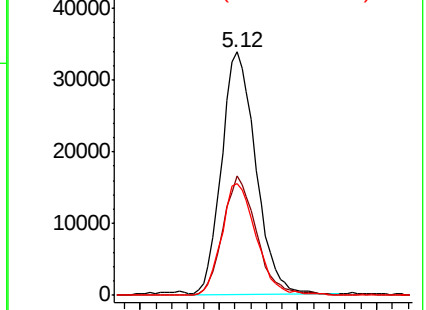
71 46.2 37.8 56.8



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 21.579 ug/l

RT: 5.21 min Scan# 665

Delta R.T. 0.00 min

Lab File: VX010664.D

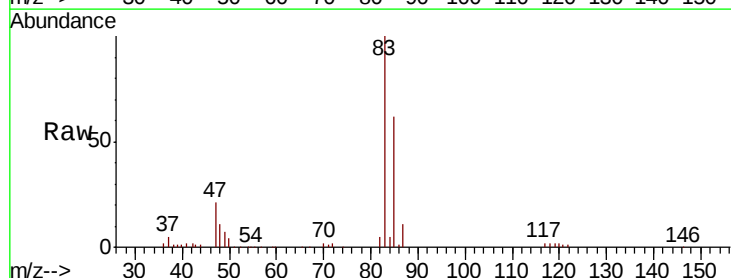
Acq: 04 Jul 2019 03:45

Tgt Ion: 83 Resp: 78433

Ion Ratio Lower Upper

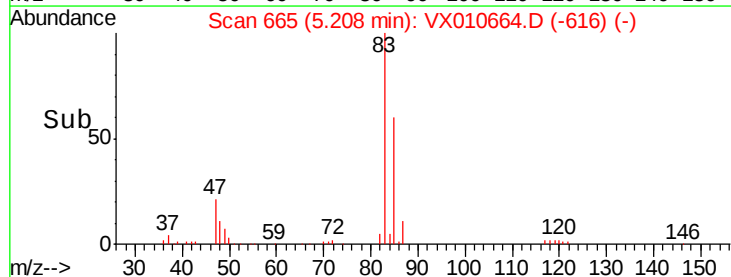
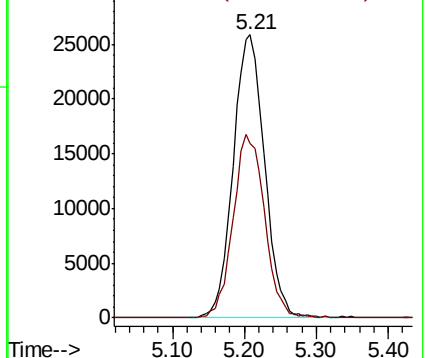
83 100

85 61.8 50.9 76.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 21.548 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.00 min

Lab File: VX010664.D

Acq: 04 Jul 2019 03:45

Instrument :

MSVOA_X

ClientSampleId :

VX0703WBS02

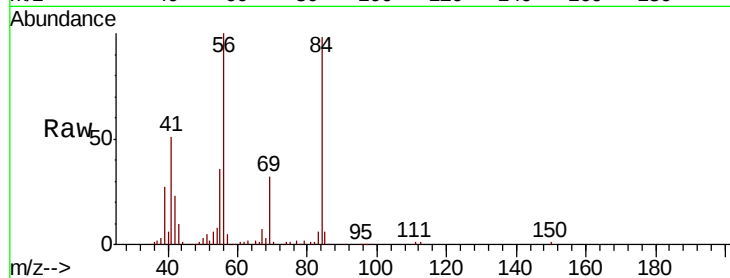
Tot Ion: 56 Resp: 66288

Ion Ratio Lower Upper

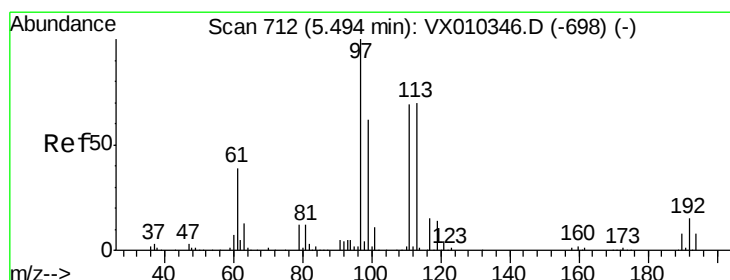
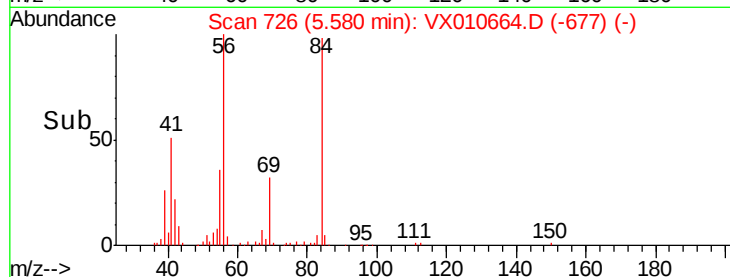
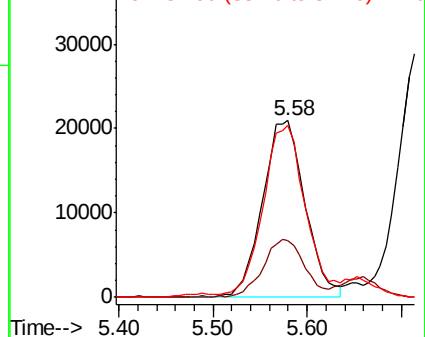
56 100

69 31.8 25.9 38.9

84 96.0 78.0 117.0



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 21.119 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.01 min

Lab File: VX010664.D

Acq: 04 Jul 2019 03:45

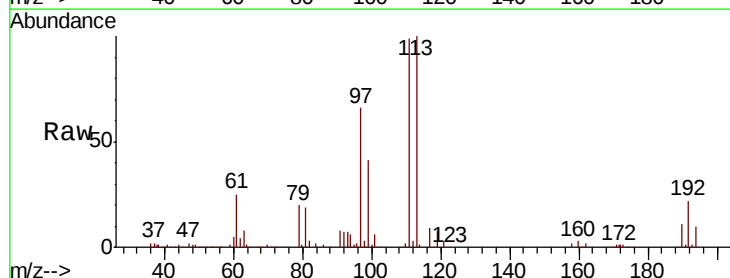
Tgt Ion: 97 Resp: 67781

Ion Ratio Lower Upper

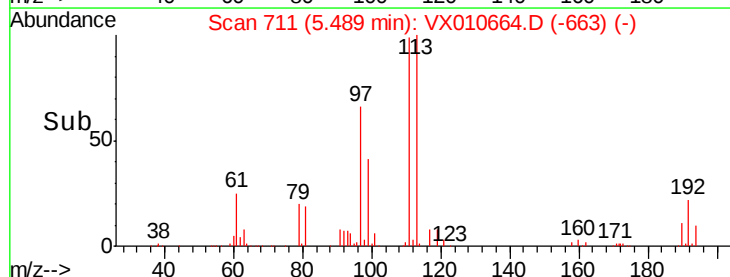
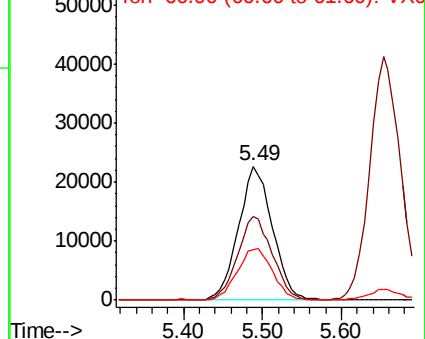
97 100

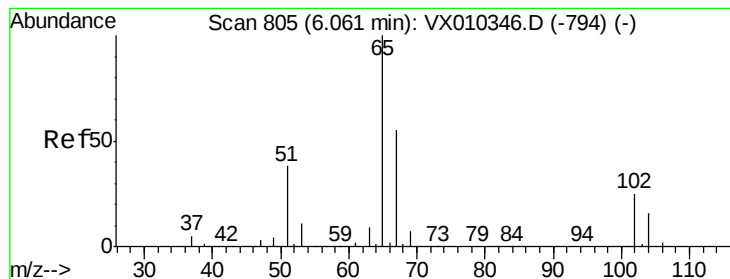
99 63.6 51.8 77.8

61 40.4 32.1 48.1



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 49.701 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010664.D

Acq: 04 Jul 2019 03:45

Instrument :

MSVOA_X

ClientSampleId :

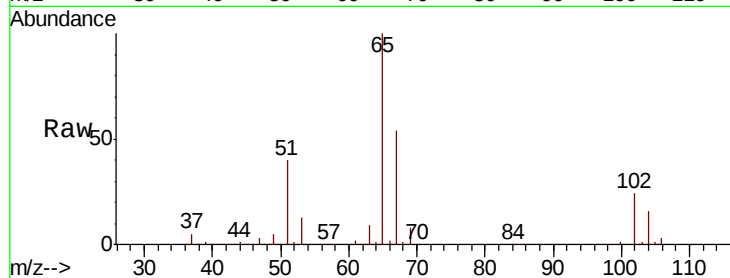
VX0703WBS02

Tot Ion: 65 Resp: 105852

Ion Ratio Lower Upper

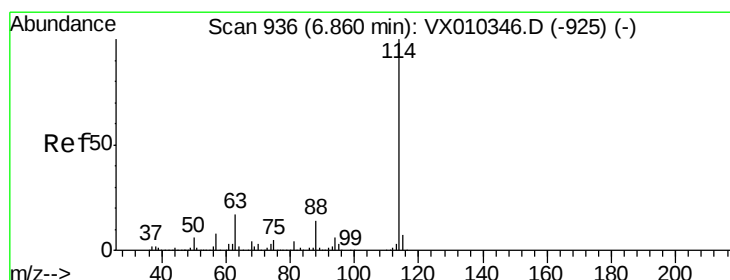
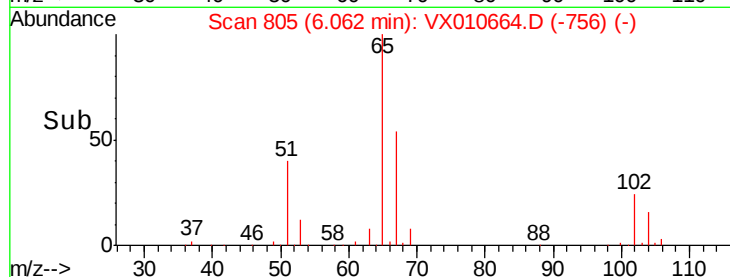
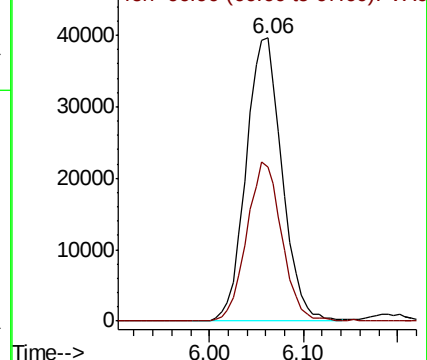
65 100

67 54.9 0.0 110.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. -0.01 min

Lab File: VX010664.D

Acq: 04 Jul 2019 03:45

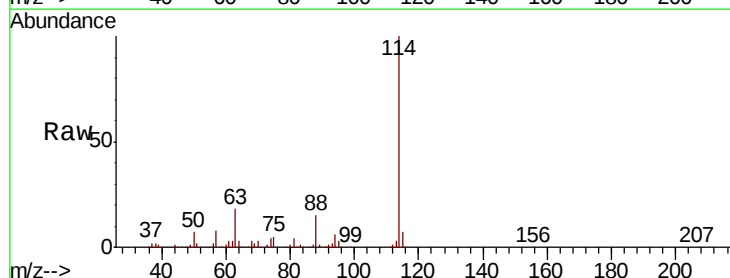
Tgt Ion: 114 Resp: 343130

Ion Ratio Lower Upper

114 100

63 18.1 0.0 33.8

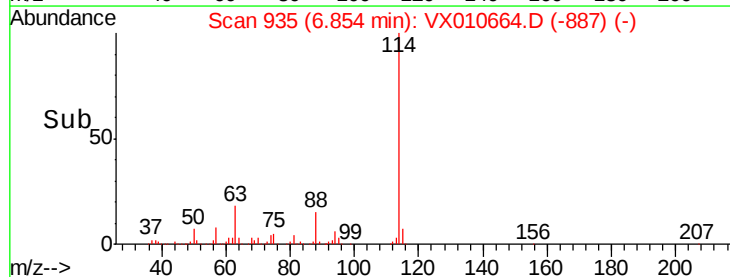
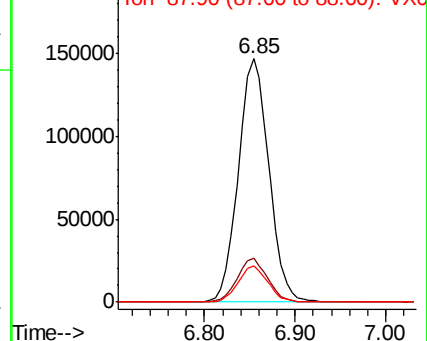
88 14.6 0.0 27.6

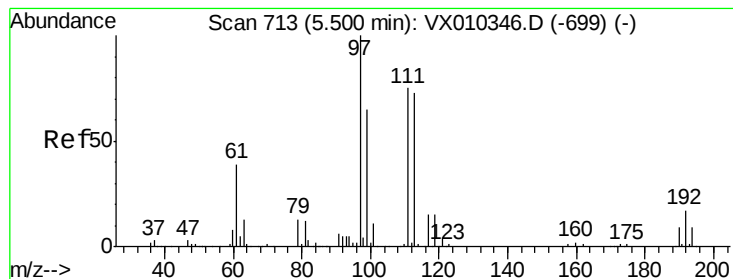


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 47.989 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX010664.D

Acq: 04 Jul 2019 03:45

Instrument :

MSVOA_X

ClientSampleId :

VX0703WBS02

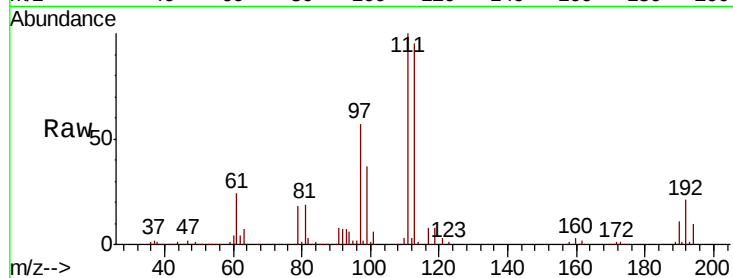
Tot Ion:113 Resp: 100748

Ion Ratio Lower Upper

113 100

111 102.1 81.2 121.8

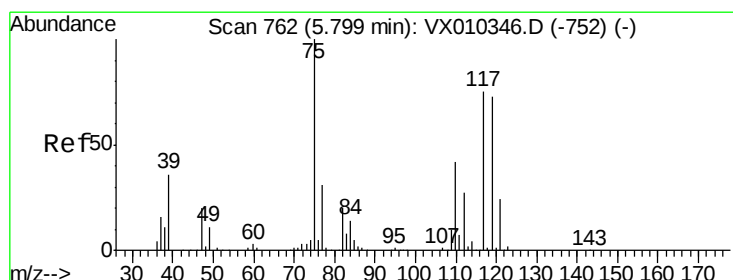
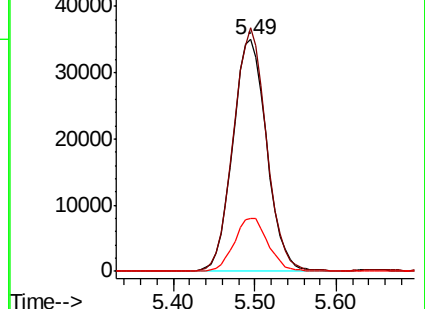
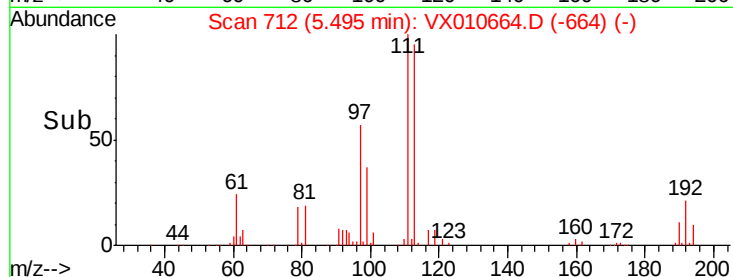
192 22.8 18.6 27.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 20.438 ug/l

RT: 5.79 min Scan# 761

Delta R.T. -0.01 min

Lab File: VX010664.D

Acq: 04 Jul 2019 03:45

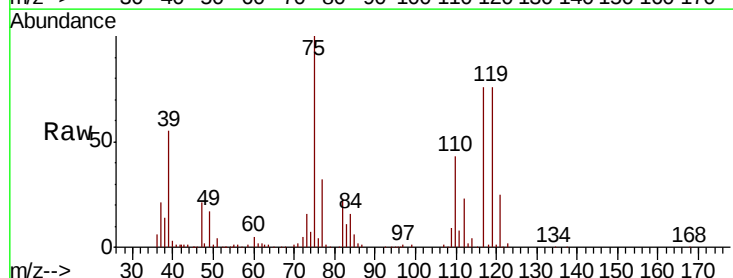
Tgt Ion: 75 Resp: 55729

Ion Ratio Lower Upper

75 100

110 40.9 20.8 62.2

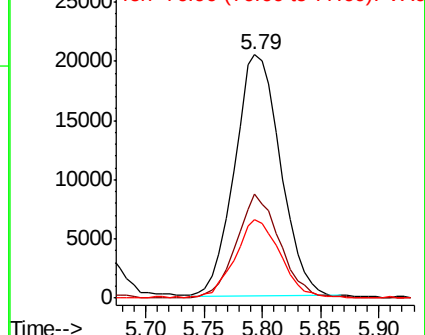
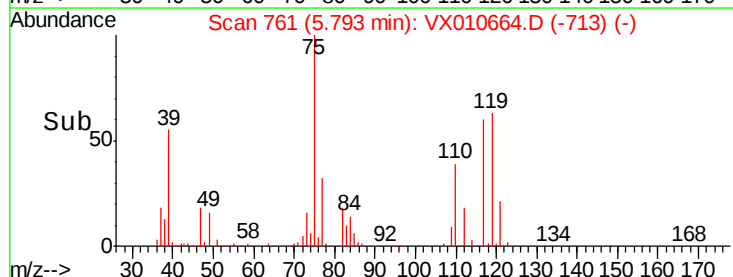
77 32.3 25.4 38.0

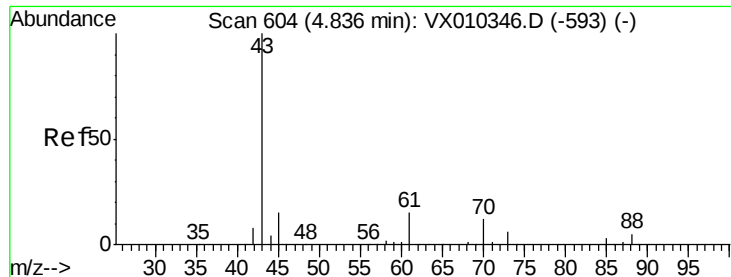


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

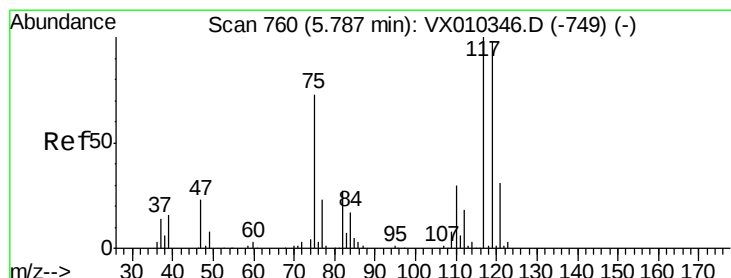
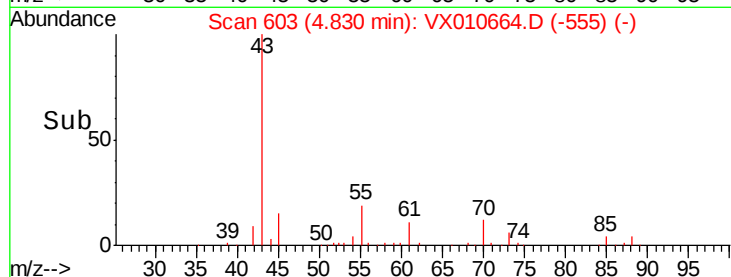
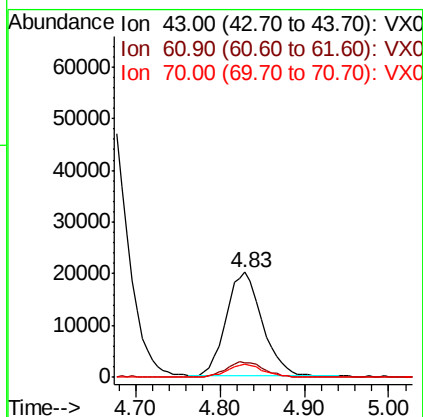
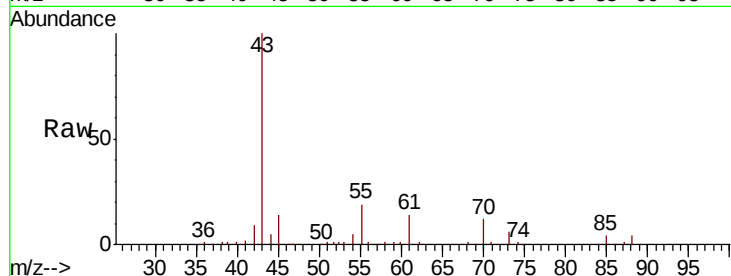




#37
Ethyl Acetate
Concen: 20.982 ug/l
RT: 4.83 min Scan# 603
Delta R.T. -0.01 min
Lab File: VX010664.D
Acq: 04 Jul 2019 03:45

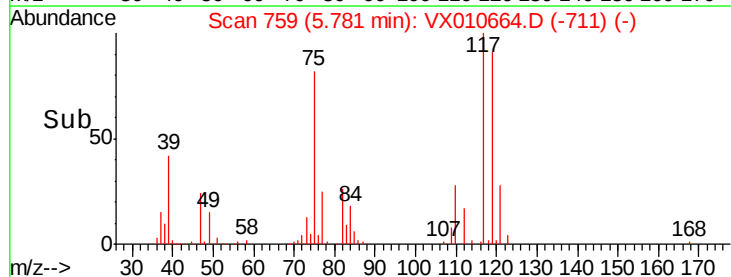
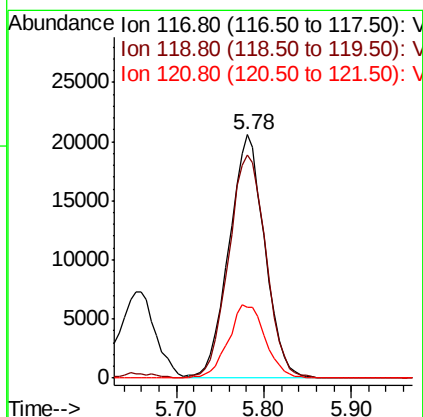
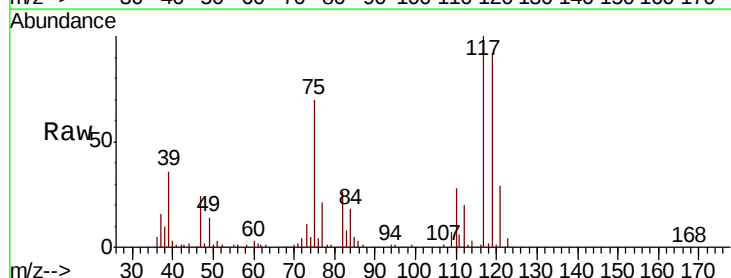
Instrument :
MSVOA_X
ClientSampleId :
VX0703WBS02

Tot Ion: 43 Resp: 58857
Ion Ratio Lower Upper
43 100
61 15.7 12.4 18.6
70 12.5 9.8 14.8



#38
Carbon Tetrachloride
Concen: 19.757 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX010664.D
Acq: 04 Jul 2019 03:45

Tgt Ion: 117 Resp: 58336
Ion Ratio Lower Upper
117 100
119 91.2 78.2 117.4
121 29.1 24.7 37.1

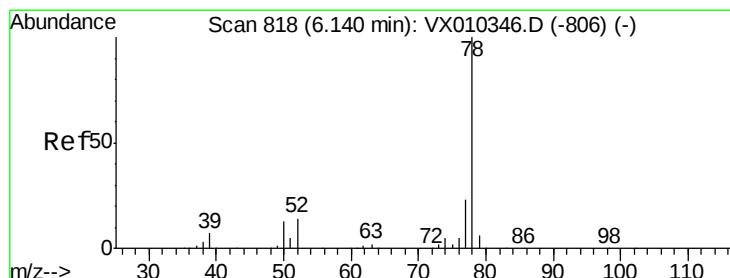
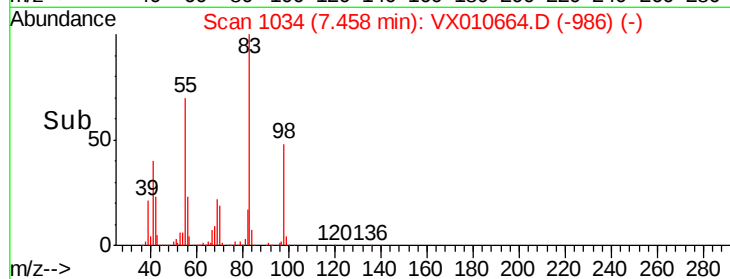
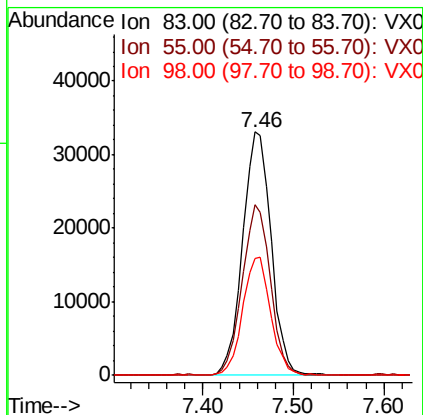
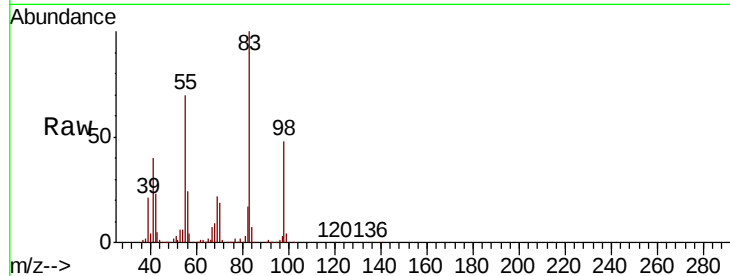




#39
Methvlcvclohexane
Concen: 20.108 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX010664.D
Acq: 04 Jul 2019 03:45

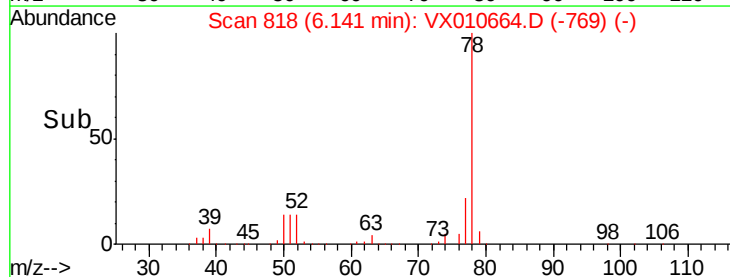
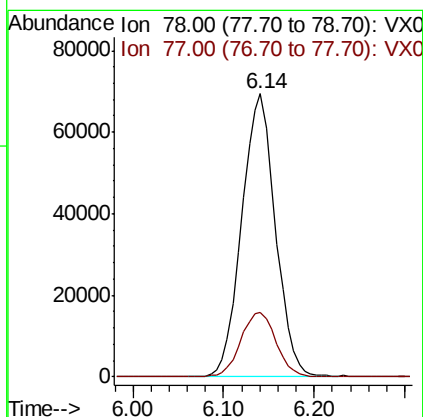
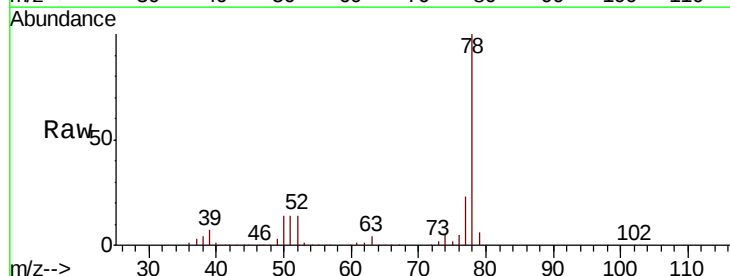
Instrument :
MSVOA_X
ClientSampleId :
VX0703WBS02

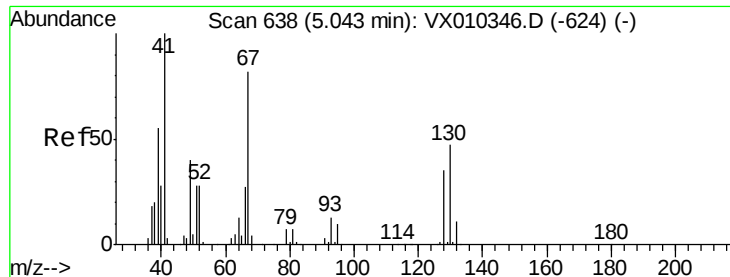
Tot Ion: 83 Resp: 72071
Ion Ratio Lower Upper
83 100
55 69.9 53.0 79.6
98 48.1 37.8 56.8



#40
Benzene
Concen: 20.991 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX010664.D
Acq: 04 Jul 2019 03:45

Tgt Ion: 78 Resp: 178321
Ion Ratio Lower Upper
78 100
77 22.8 18.6 28.0

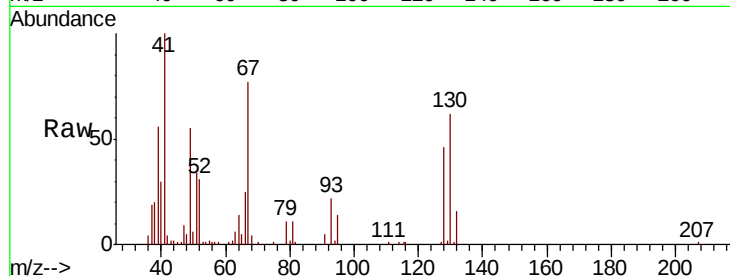




#41
Methacrylonitrile
Concen: 20.515 ug/l
RT: 5.03 min Scan# 636
Delta R.T. -0.01 min
Lab File: VX010664.D
Acq: 04 Jul 2019 03:45

Instrument :
MSVOA_X
ClientSampleId :
VX0703WBS02

Tot Ion:	41	Resp:	31575
Ion	Ratio	Lower	Upper
41	100		
39	55.7	43.8	65.8
67	83.0	66.6	100.0
52	32.2	24.5	36.7



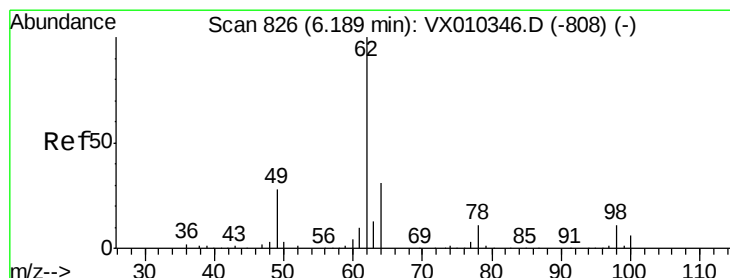
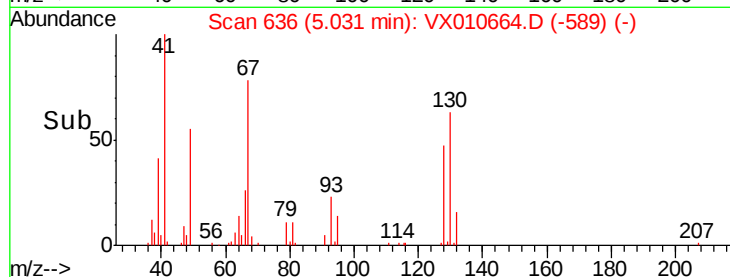
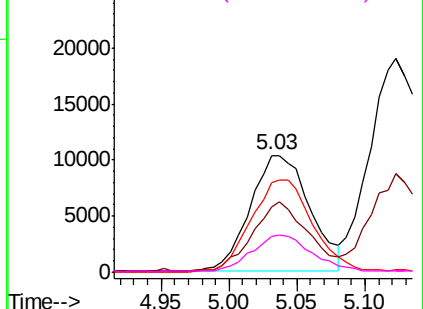
Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

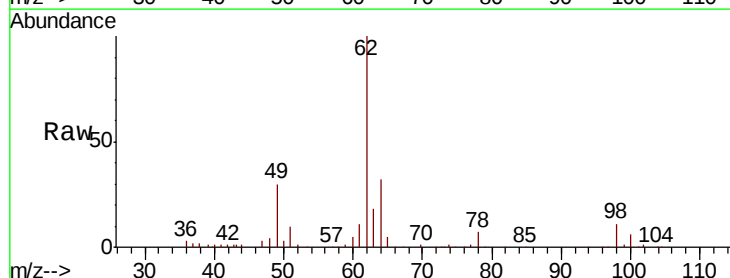
Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42
1,2-Dichloroethane
Concen: 22.432 ug/l
RT: 6.19 min Scan# 826
Delta R.T. 0.00 min
Lab File: VX010664.D
Acq: 04 Jul 2019 03:45

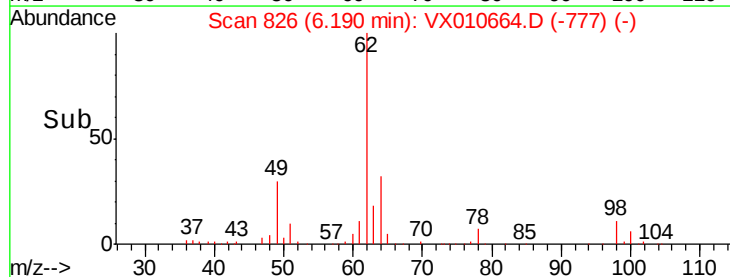
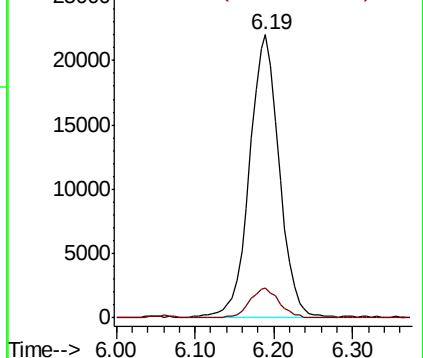
Tgt Ion:	62	Resp:	58007
Ion	Ratio	Lower	Upper
62	100		
98	10.4	0.0	22.2

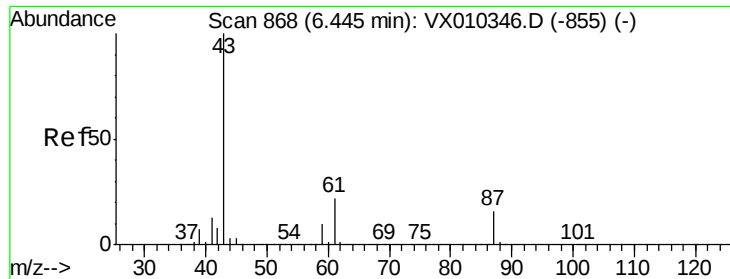


Abundance

Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



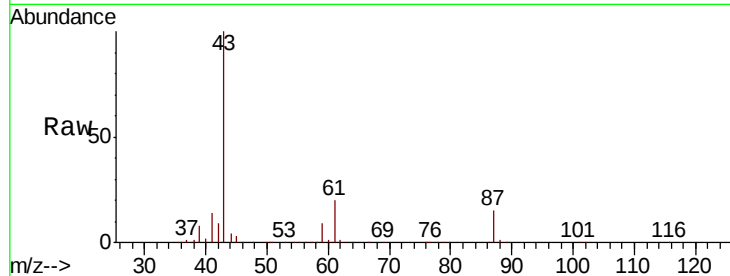


#43

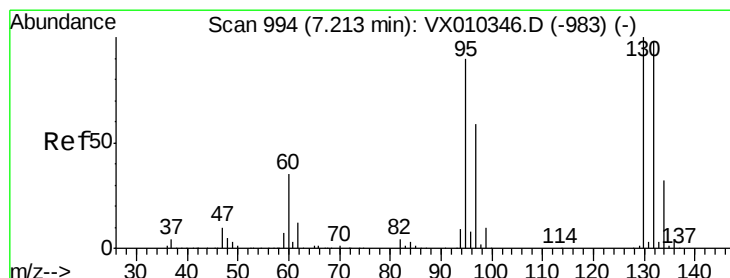
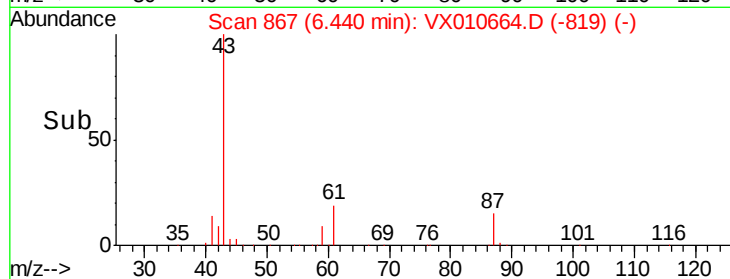
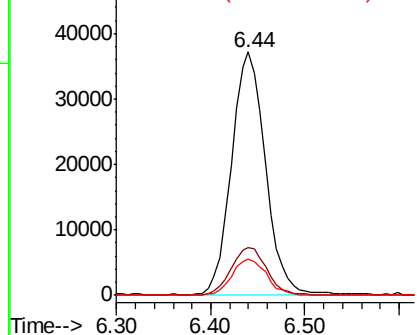
Isopropyl Acetate
 Concen: 19.942 ug/l
 RT: 6.44 min Scan# 867
 Delta R.T. -0.01 min
 Lab File: VX010664.D
 Acq: 04 Jul 2019 03:45

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0703WBS02

Tot Ion: 43 Resp: 92549
 Ion Ratio Lower Upper
 43 100
 61 20.9 17.8 26.6
 87 15.5 13.0 19.4



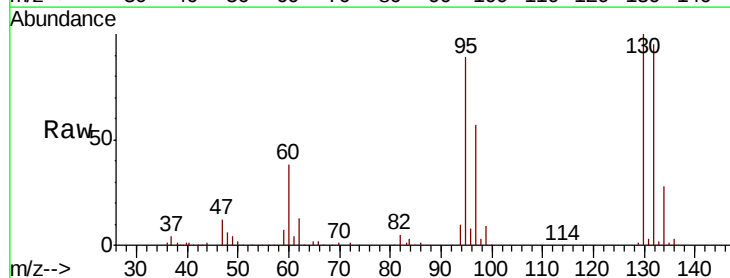
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



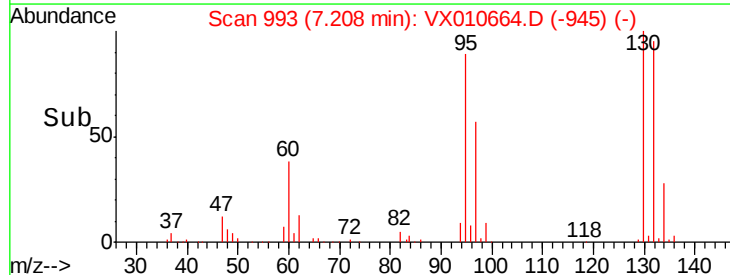
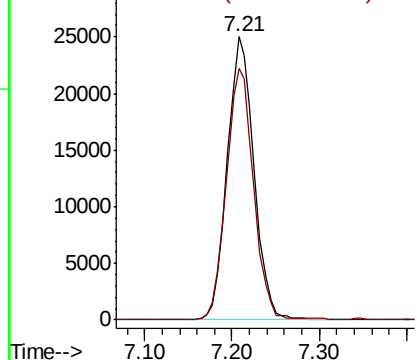
#44

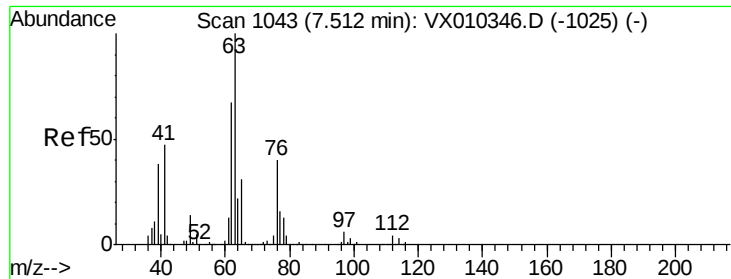
Trichloroethene
 Concen: 20.849 ug/l
 RT: 7.21 min Scan# 993
 Delta R.T. -0.01 min
 Lab File: VX010664.D
 Acq: 04 Jul 2019 03:45

Tgt Ion: 130 Resp: 52997
 Ion Ratio Lower Upper
 130 100
 95 89.0 0.0 180.8



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0

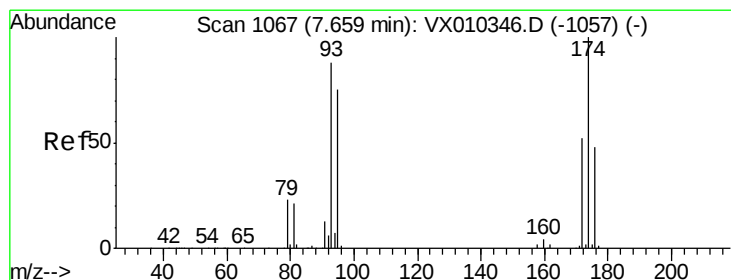
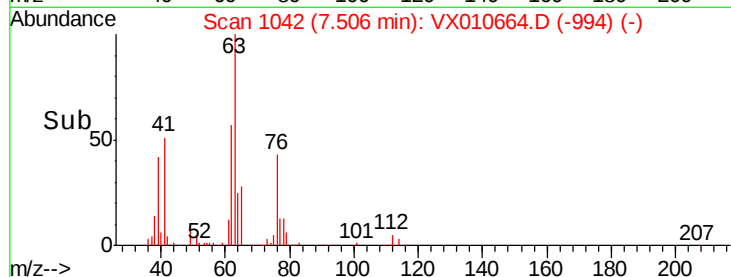
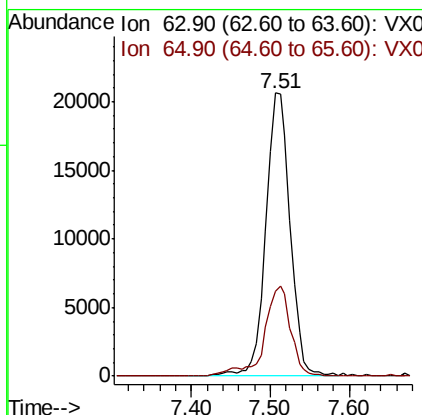
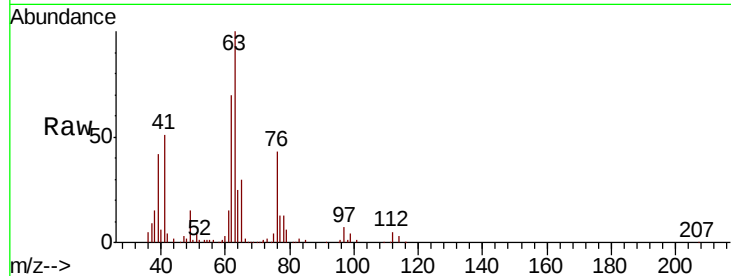




#45
 1,2-Dichloropropane
 Concen: 20.645 ug/l
 RT: 7.51 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: VX010664.D
 Acq: 04 Jul 2019 03:45

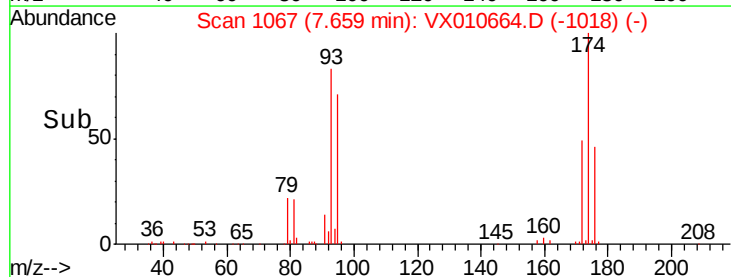
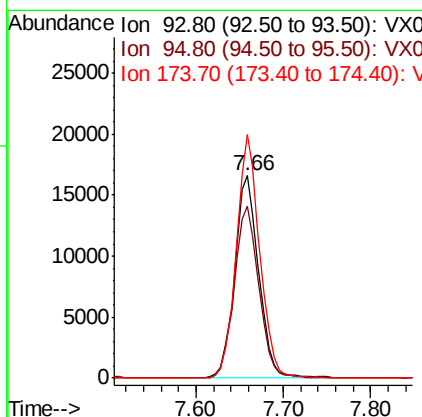
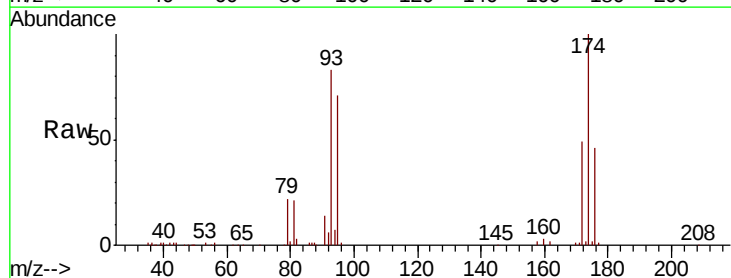
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0703WBS02

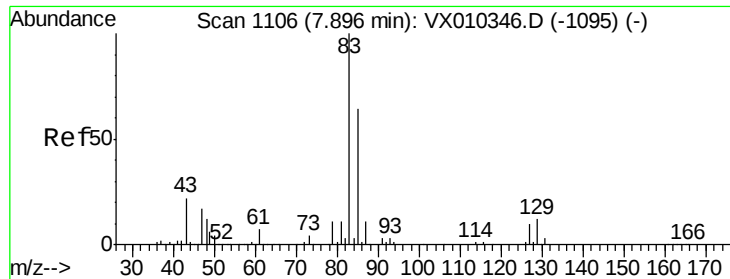
Tot Ion: 63 Resp: 44287
 Ion Ratio Lower Upper
 63 100
 65 30.1 24.8 37.2



#46
 Dibromomethane
 Concen: 20.606 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX010664.D
 Acq: 04 Jul 2019 03:45

Tgt Ion: 93 Resp: 31715
 Ion Ratio Lower Upper
 93 100
 95 86.9 67.5 101.3
 174 117.1 95.8 143.6





#47

Bromodichloromethane

Concen: 19.657 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX010664.D

Acq: 04 Jul 2019 03:45

Instrument :

MSVOA_X

ClientSampleId :

VX0703WBS02

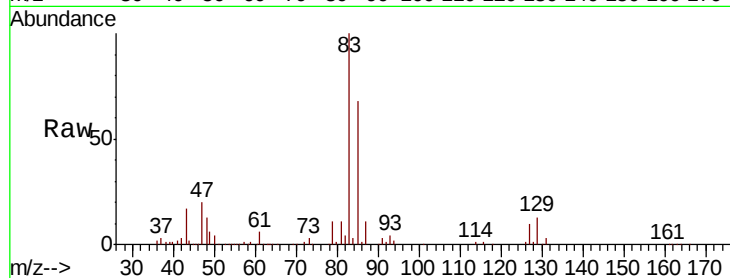
Tot Ion: 83 Resp: 55447

Ion Ratio Lower Upper

83 100

85 68.1 51.5 77.3

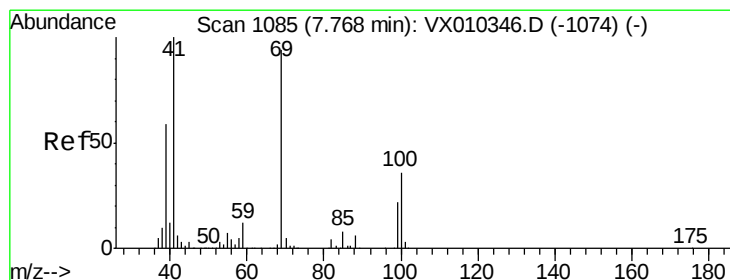
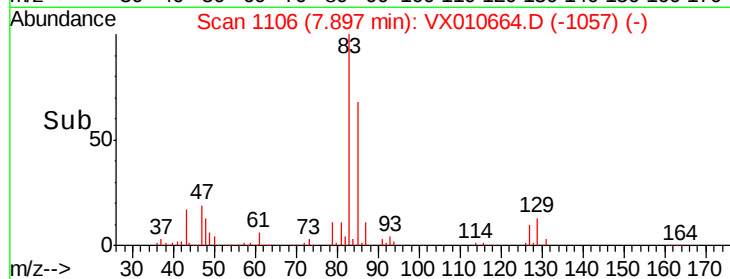
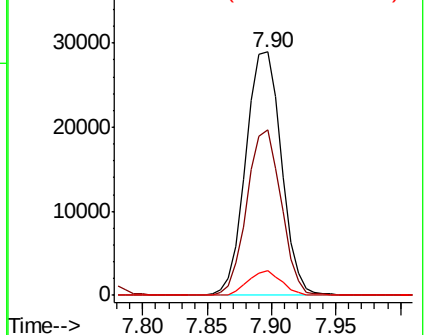
127 10.3 7.8 11.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 21.330 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. 0.00 min

Lab File: VX010664.D

Acq: 04 Jul 2019 03:45

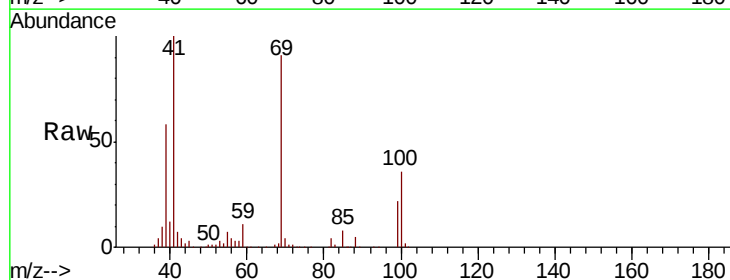
Tgt Ion: 41 Resp: 46014

Ion Ratio Lower Upper

41 100

69 92.3 76.1 114.1

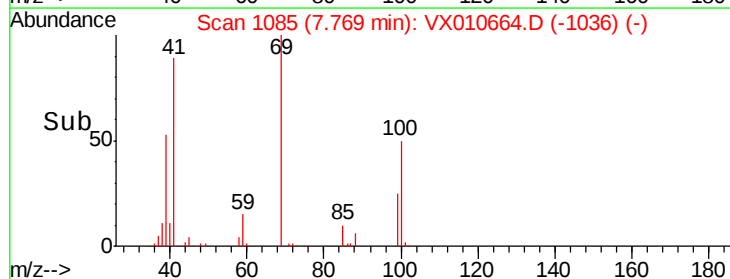
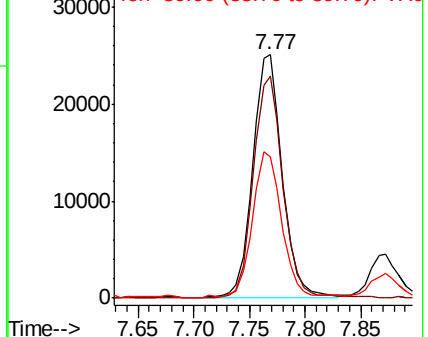
39 59.9 47.6 71.4

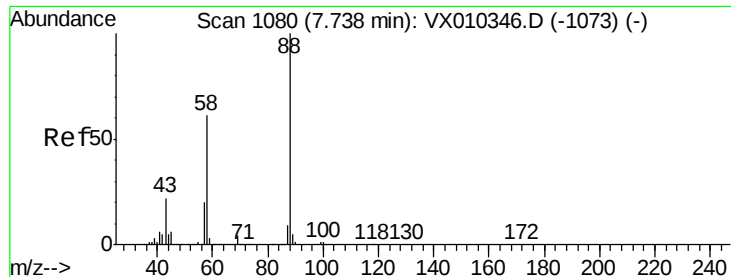


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 409.696 ug/l

RT: 7.73 min Scan# 1079

Delta R.T. -0.01 min

Lab File: VX010664.D

Acq: 04 Jul 2019 03:45

Instrument :

MSVOA_X

ClientSampleId :

VX0703WBS02

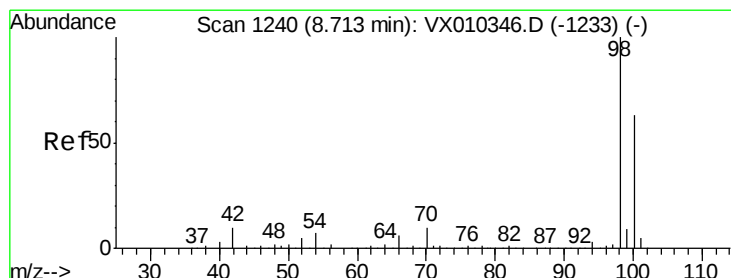
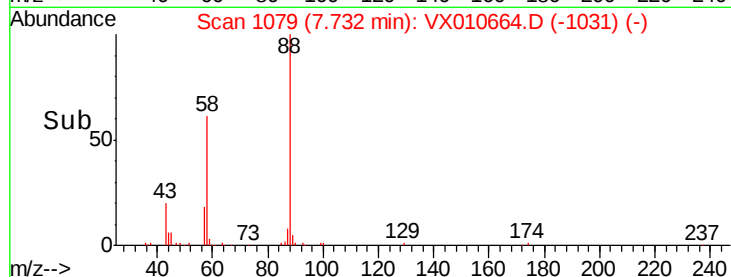
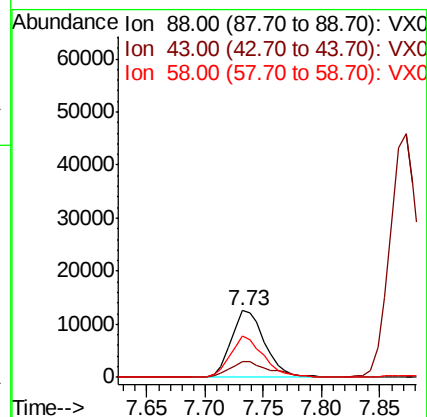
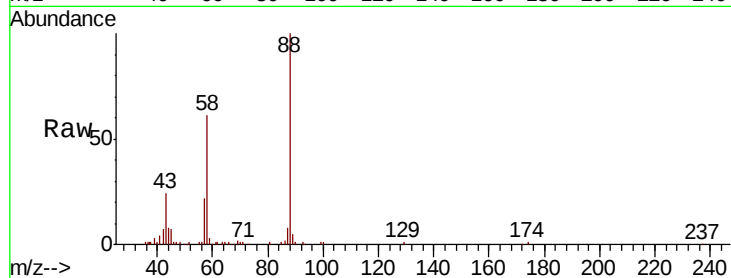
Tot Ion: 88 Resp: 25460

Ion Ratio Lower Upper

88 100

43 27.0 20.2 30.2

58 61.5 49.5 74.3



#50

Toluene-d8

Concen: 46.767 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010664.D

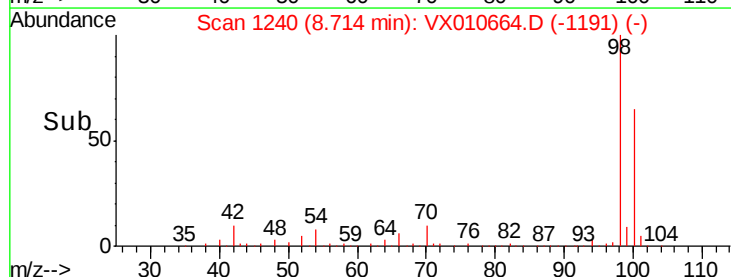
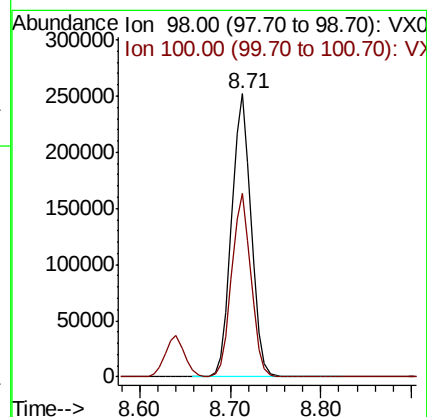
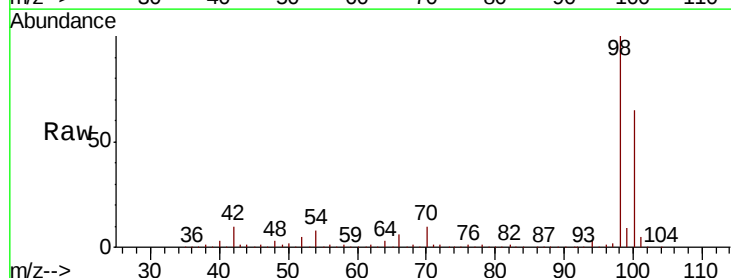
Acq: 04 Jul 2019 03:45

Tgt Ion: 98 Resp: 375629

Ion Ratio Lower Upper

98 100

100 64.2 51.6 77.4





#51

4-Methyl-2-Pentanone

Concen: 105.370 ug/l

RT: 8.63 min Scan# 1227

Delta R.T. -0.01 min

Lab File: VX010664.D

Acq: 04 Jul 2019 03:45

Instrument :

MSVOA_X

ClientSampleId :

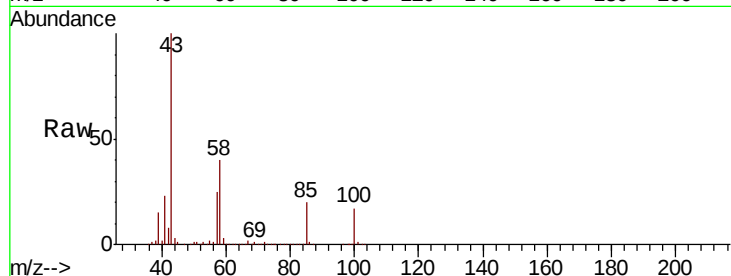
VX0703WBS02

Tot Ion: 43 Resp: 312761

Ion Ratio Lower Upper

43 100

58 40.9 33.5 50.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.63

200000

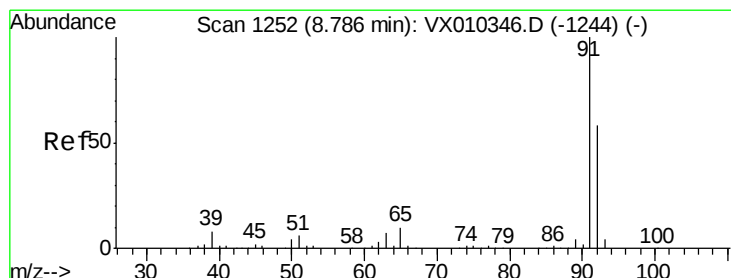
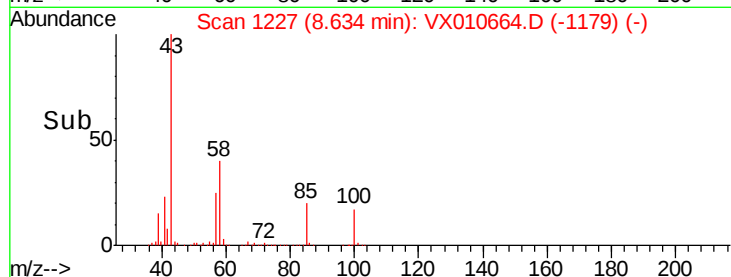
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 20.752 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX010664.D

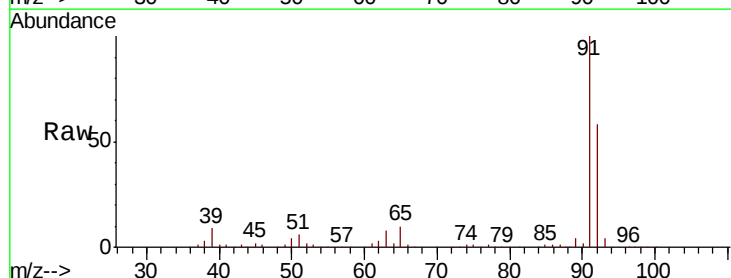
Acq: 04 Jul 2019 03:45

Tgt Ion: 92 Resp: 116092

Ion Ratio Lower Upper

92 100

91 175.4 139.8 209.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.78

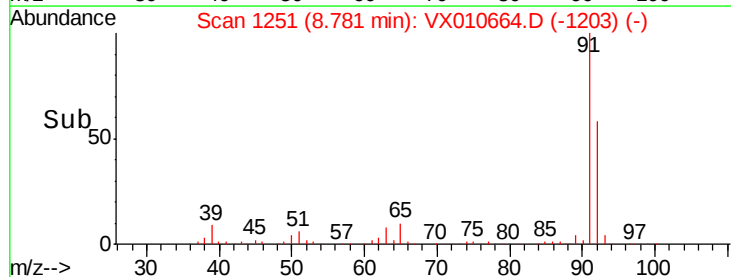
150000

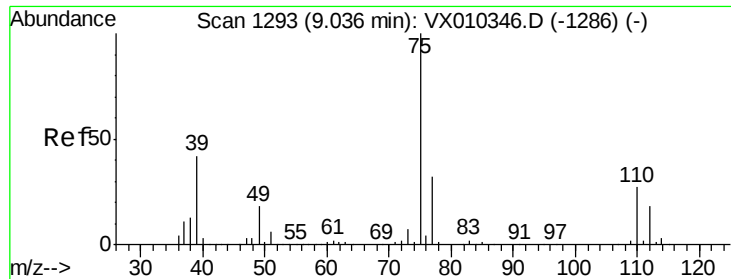
100000

50000

0

Time-->

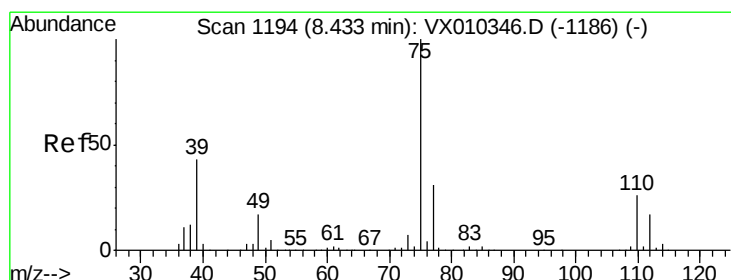
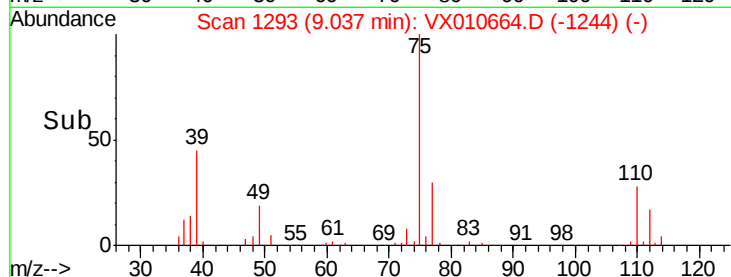
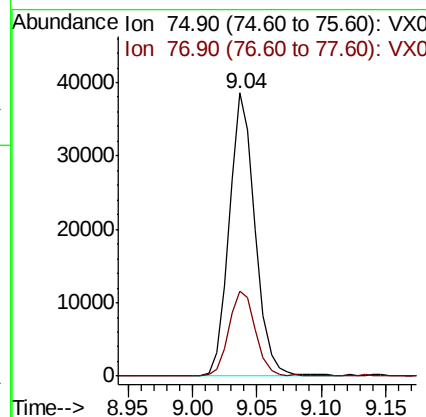
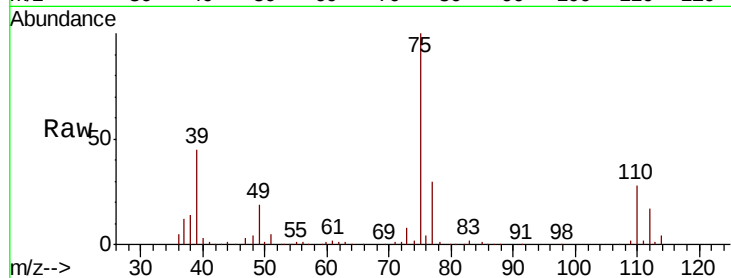




#53
 t-1,3-Dichloropropene
 Concen: 17.257 ug/l
 RT: 9.04 min Scan# 1293
 Delta R.T. 0.00 min
 Lab File: VX010664.D
 Acq: 04 Jul 2019 03:45

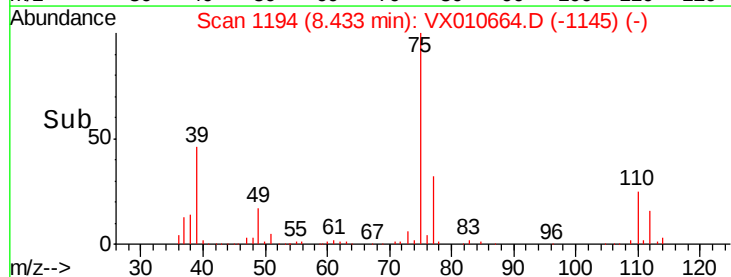
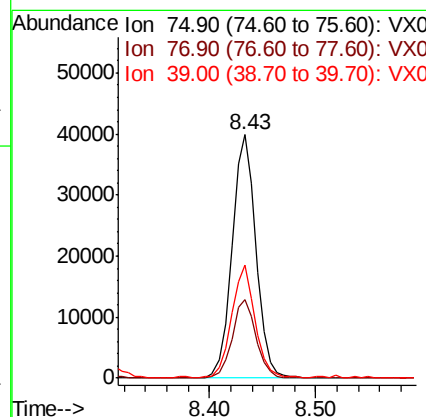
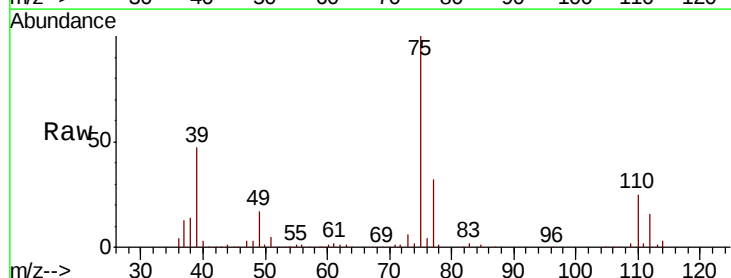
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0703WBS02

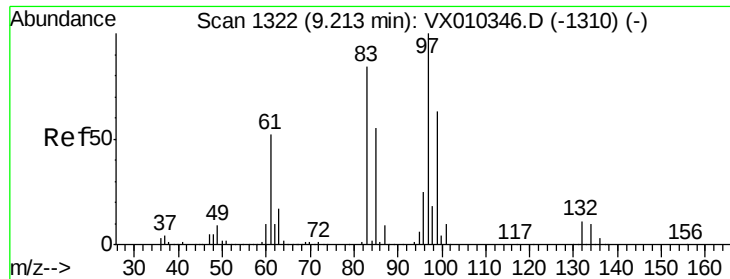
Tot Ion: 75 Resp: 54574
 Ion Ratio Lower Upper
 75 100
 77 30.1 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 18.225 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: VX010664.D
 Acq: 04 Jul 2019 03:45

Tgt Ion: 75 Resp: 62633
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.2 37.8
 39 46.2 34.5 51.7





#55

1,1,2-Trichloroethane

Concen: 20.798 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VX010664.D

Acq: 04 Jul 2019 03:45

Instrument :

MSVOA_X

ClientSampleId :

VX0703WBS02

Tot Ion: 97 Resp: 47985

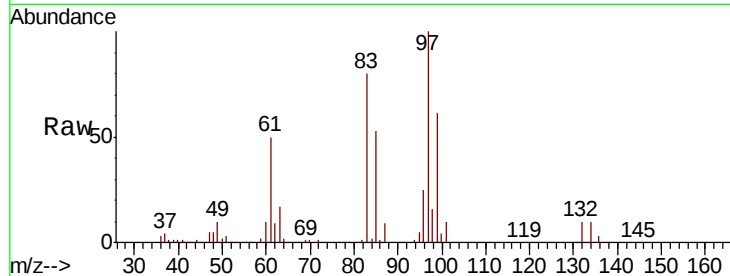
Ion Ratio Lower Upper

97 100

83 79.6 67.4 101.0

85 52.5 43.8 65.8

99 61.2 50.3 75.5

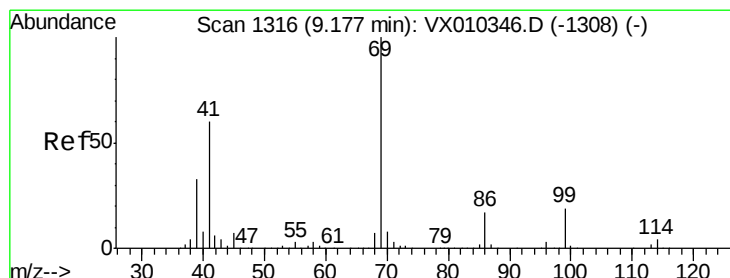
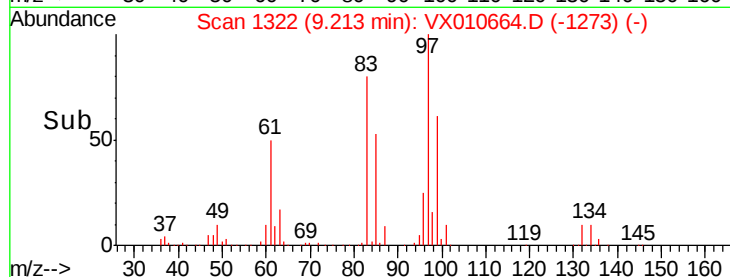
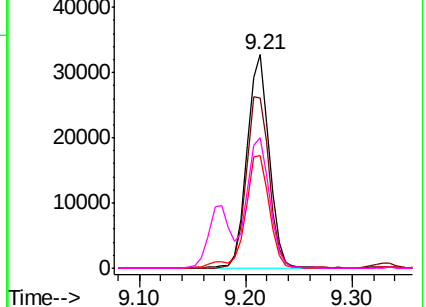


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 19.992 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VX010664.D

Acq: 04 Jul 2019 03:45

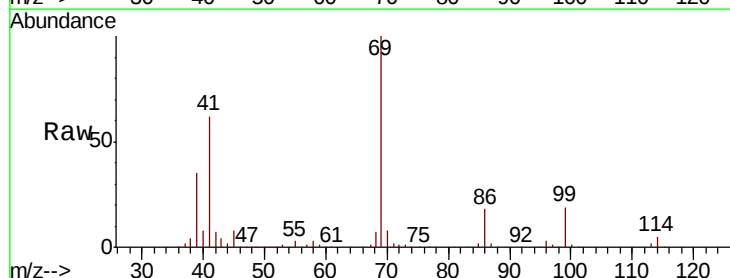
Tgt Ion: 69 Resp: 69874

Ion Ratio Lower Upper

69 100

41 61.7 47.1 70.7

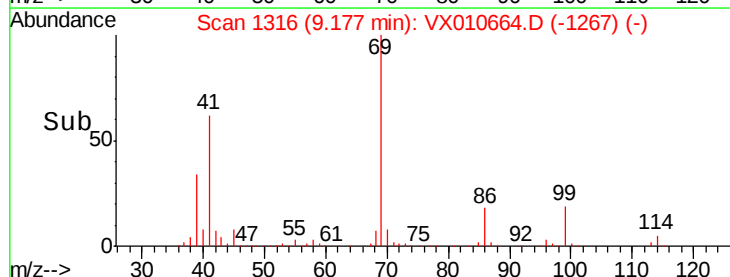
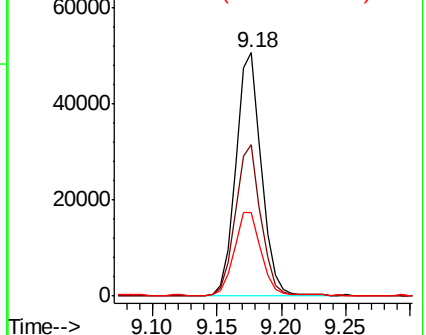
39 35.7 26.6 40.0

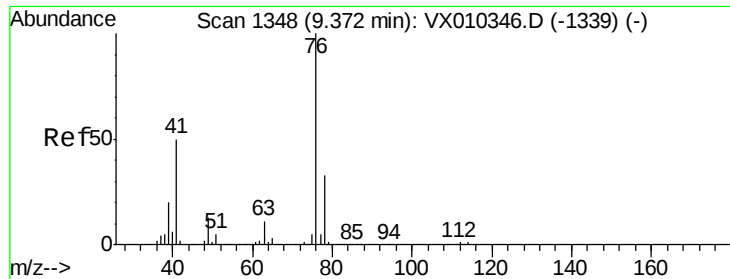


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

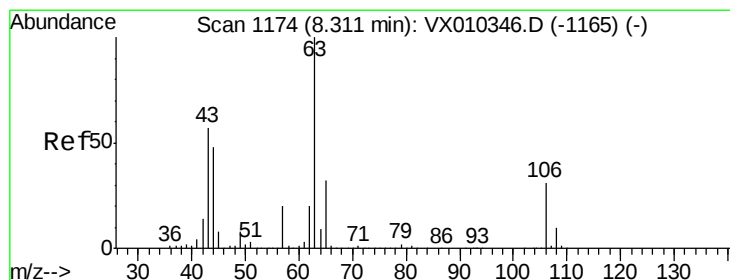
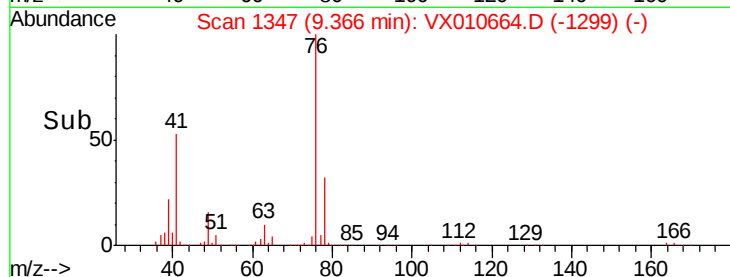
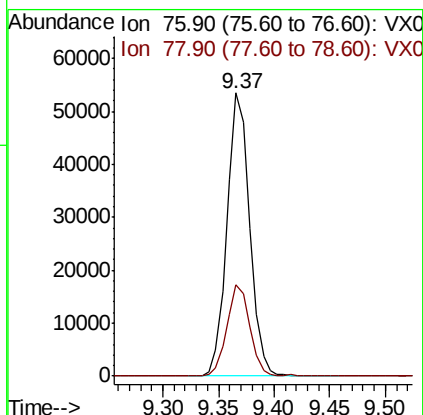
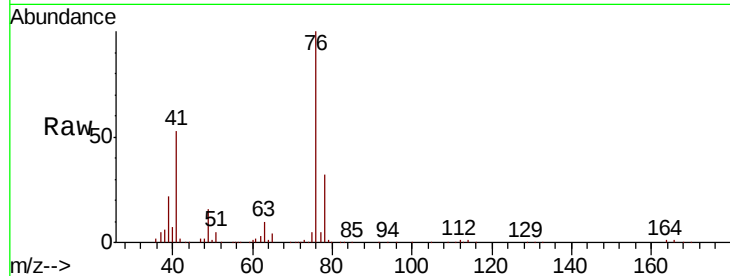




#57
 1,3-Dichloropropane
 Concen: 21.057 ug/l
 RT: 9.37 min Scan# 1347
 Delta R.T. -0.01 min
 Lab File: VX010664.D
 Acq: 04 Jul 2019 03:45

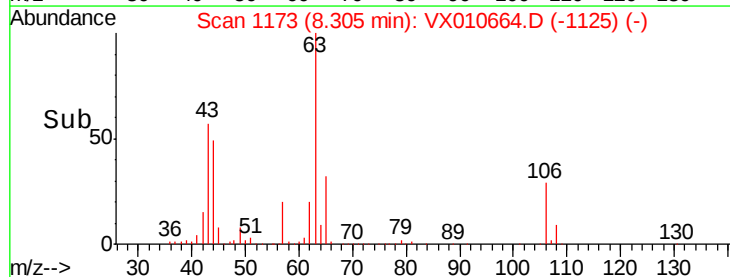
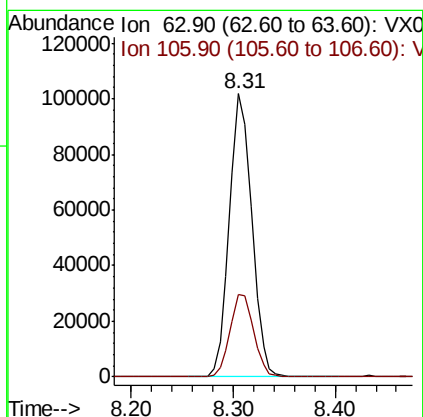
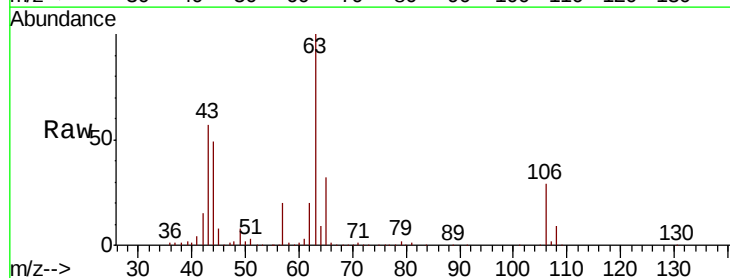
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0703WBS02

Tot Ion: 76 Resp: 75415
 Ion Ratio Lower Upper
 76 100
 78 32.8 26.1 39.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 93.772 ug/l
 RT: 8.31 min Scan# 1173
 Delta R.T. -0.01 min
 Lab File: VX010664.D
 Acq: 04 Jul 2019 03:45

Tgt Ion: 63 Resp: 155653
 Ion Ratio Lower Upper
 63 100
 106 30.5 24.7 37.1

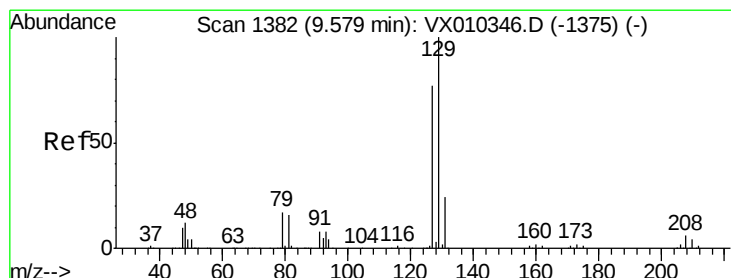
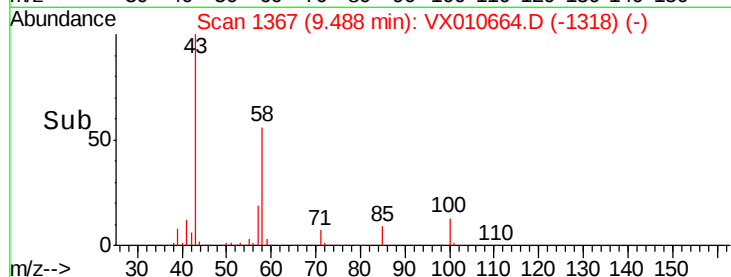
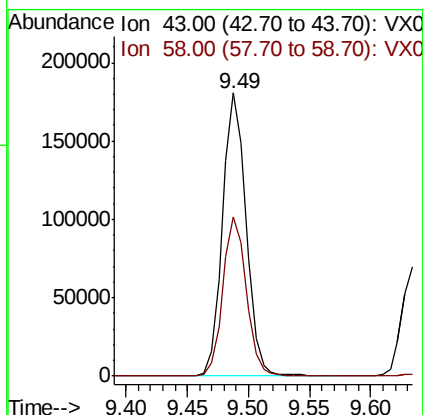
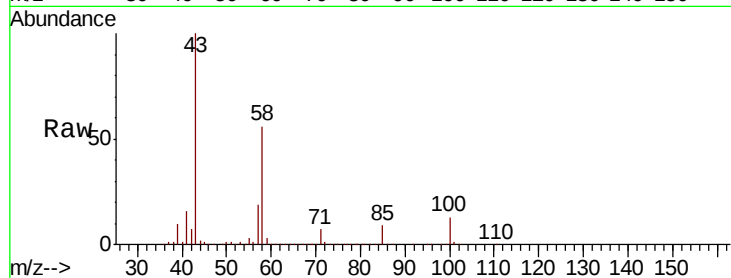




#59
2-Hexanone
Concen: 103.320 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX010664.D
Acq: 04 Jul 2019 03:45

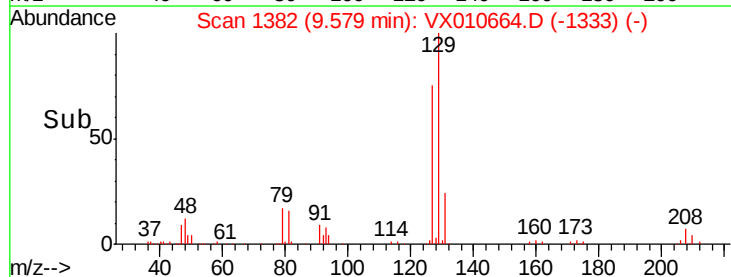
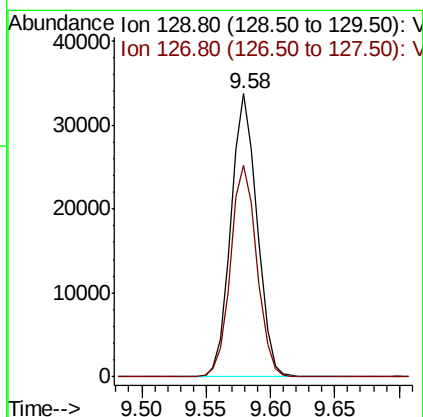
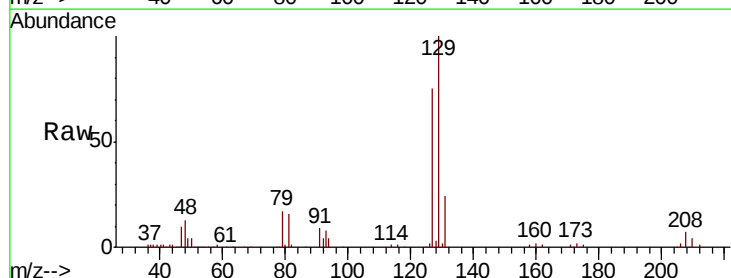
Instrument :
MSVOA_X
ClientSampleId :
VX0703WBS02

Tot Ion: 43 Resp: 241365
Ion Ratio Lower Upper
43 100
58 56.5 29.0 87.1



#60
Dibromochloromethane
Concen: 18.642 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX010664.D
Acq: 04 Jul 2019 03:45

Tgt Ion: 129 Resp: 48158
Ion Ratio Lower Upper
129 100
127 74.6 38.4 115.1

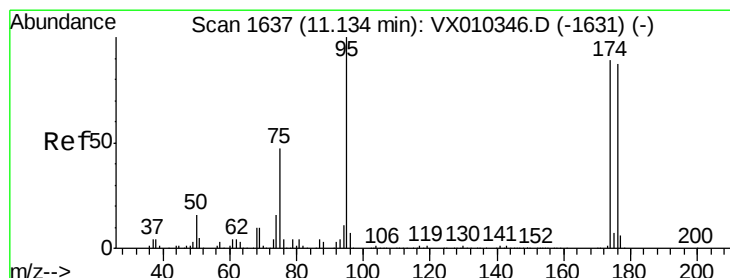
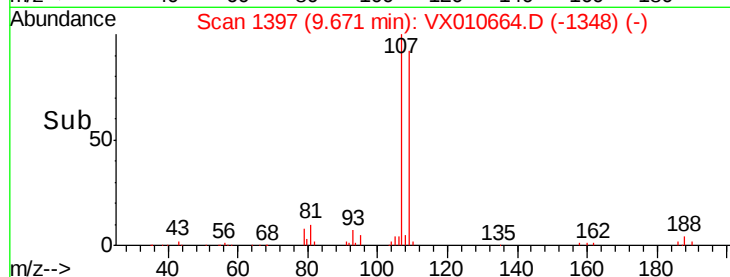
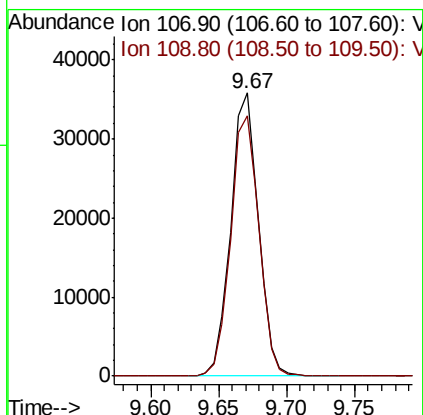
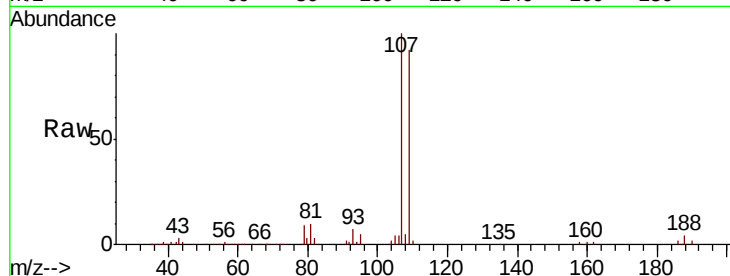




#61
 1,2-Dibromoethane
 Concen: 20.306 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. 0.00 min
 Lab File: VX010664.D
 Acq: 04 Jul 2019 03:45

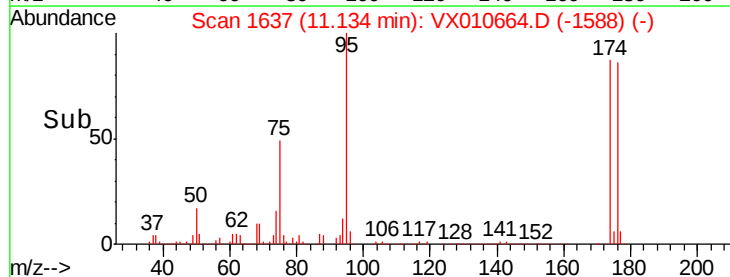
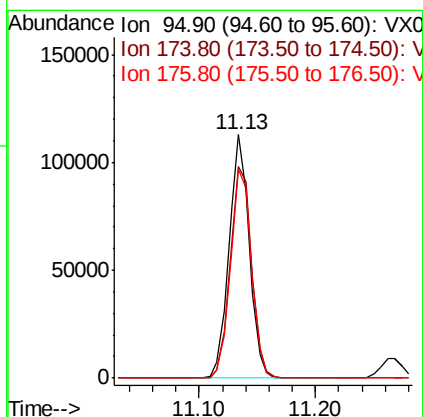
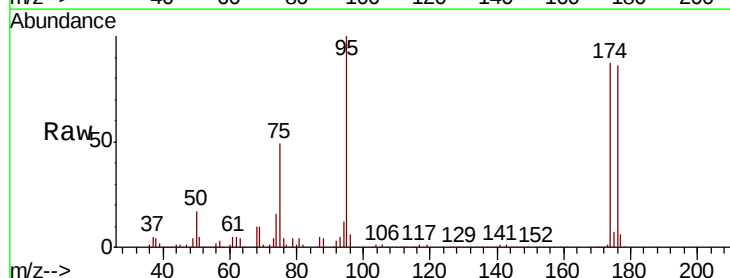
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0703WBS02

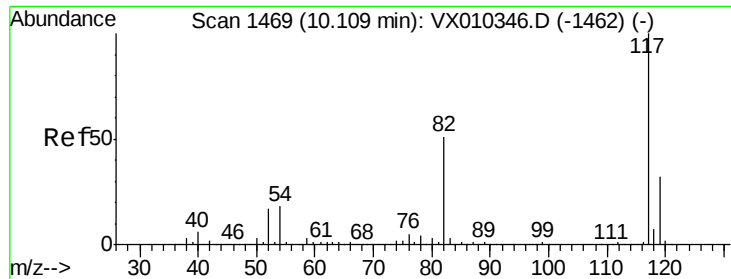
Tot Ion: 107 Resp: 50568
 Ion Ratio Lower Upper
 107 100
 109 94.6 75.8 113.6



#62
 4-Bromofluorobenzene
 Concen: 46.971 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.00 min
 Lab File: VX010664.D
 Acq: 04 Jul 2019 03:45

Tgt Ion: 95 Resp: 136202
 Ion Ratio Lower Upper
 95 100
 174 92.1 0.0 187.6
 176 89.3 0.0 184.0

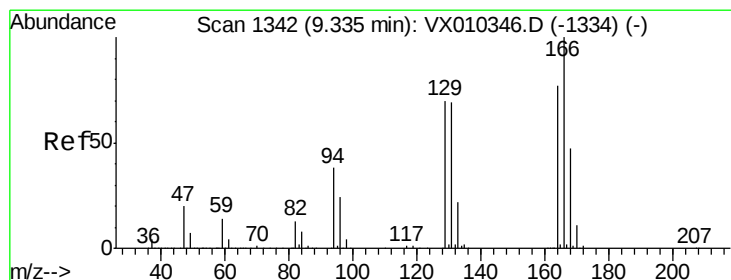
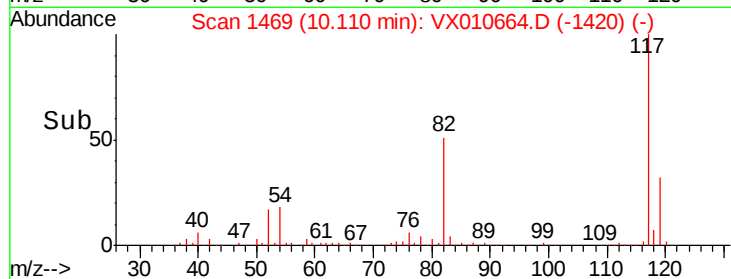
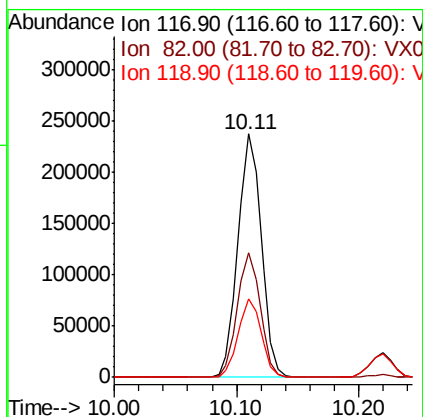
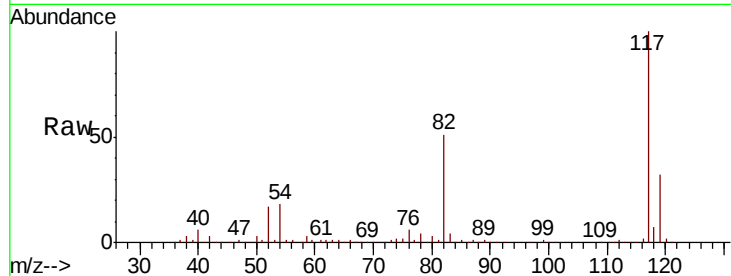




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010664.D
Acq: 04 Jul 2019 03:45

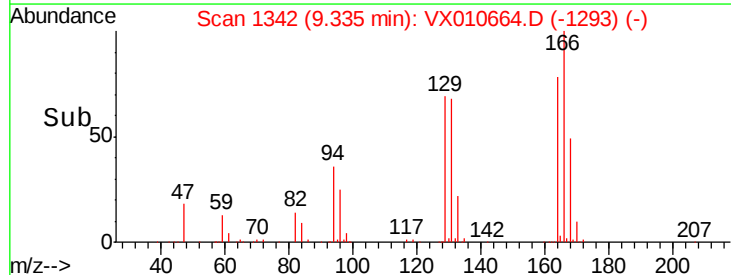
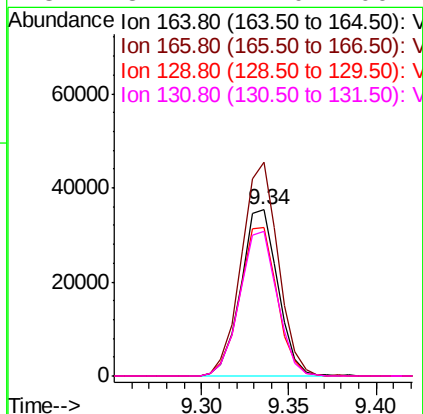
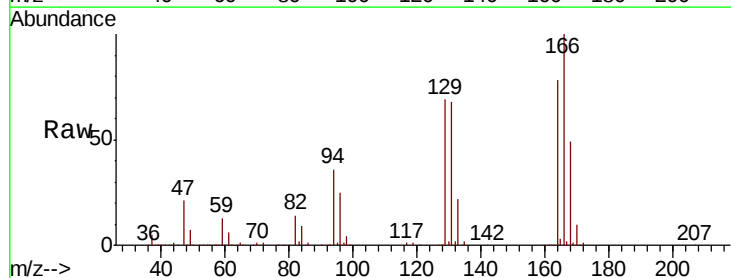
Instrument :
MSVOA_X
ClientSampleId :
VX0703WBS02

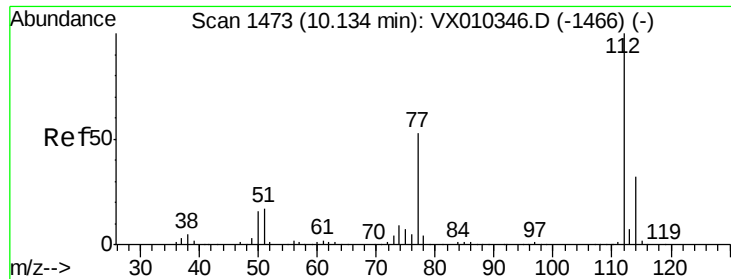
Tot Ion:117 Resp: 314142
Ion Ratio Lower Upper
117 100
82 51.1 41.2 61.8
119 32.2 25.5 38.3



#64
Tetrachloroethene
Concen: 20.501 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX010664.D
Acq: 04 Jul 2019 03:45

Tgt Ion:164 Resp: 52091
Ion Ratio Lower Upper
164 100
166 128.7 103.6 155.4
129 89.4 73.0 109.4
131 87.4 71.0 106.4

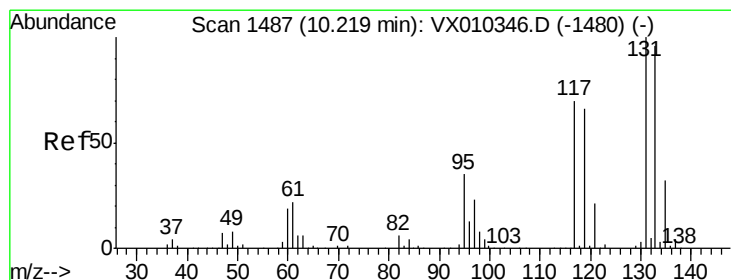
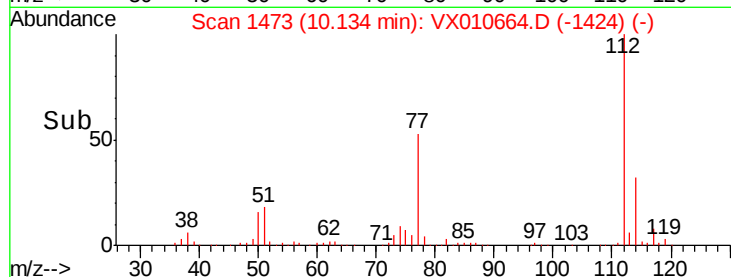
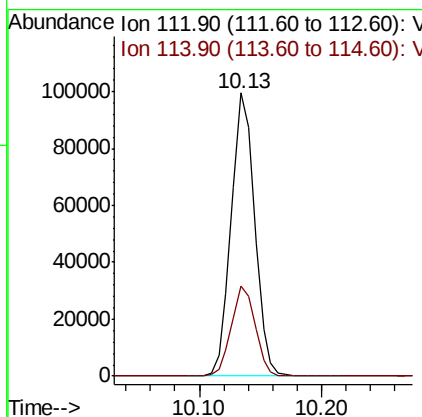
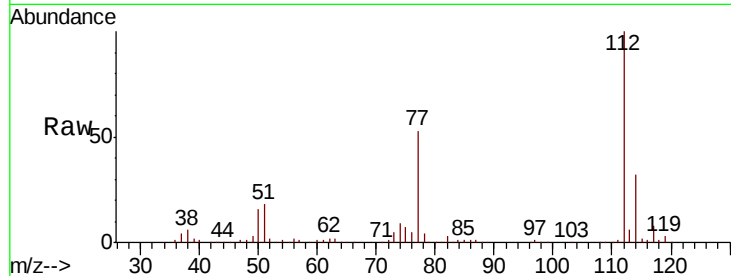




#65
Chlorobenzene
Concen: 20.724 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX010664.D
Acq: 04 Jul 2019 03:45

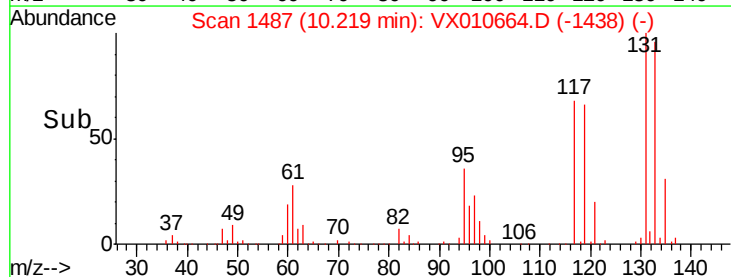
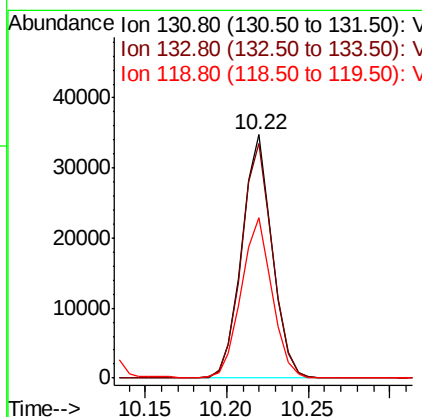
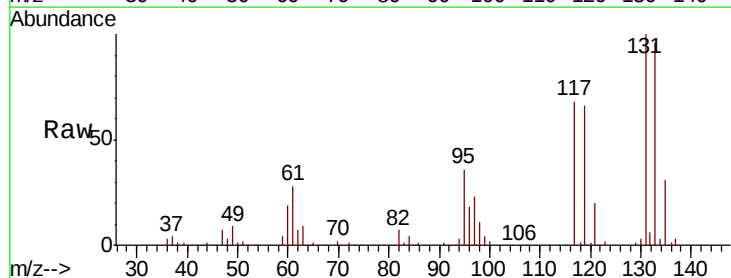
Instrument :
MSVOA_X
ClientSampled :
VX0703WBS02

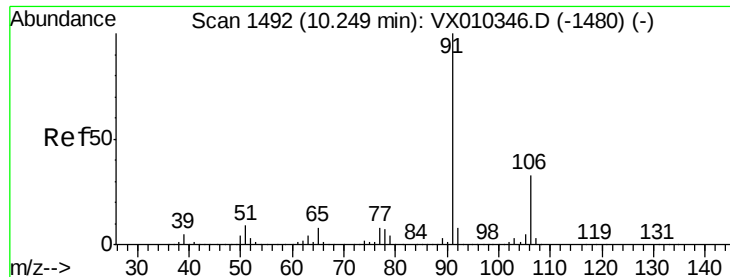
Tot Ion:112 Resp: 132173
Ion Ratio Lower Upper
112 100
114 31.7 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 19.366 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX010664.D
Acq: 04 Jul 2019 03:45

Tgt Ion:131 Resp: 44988
Ion Ratio Lower Upper
131 100
133 98.6 47.7 143.1
119 67.5 32.6 97.7

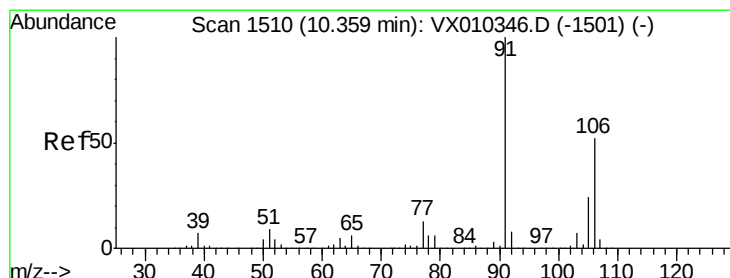
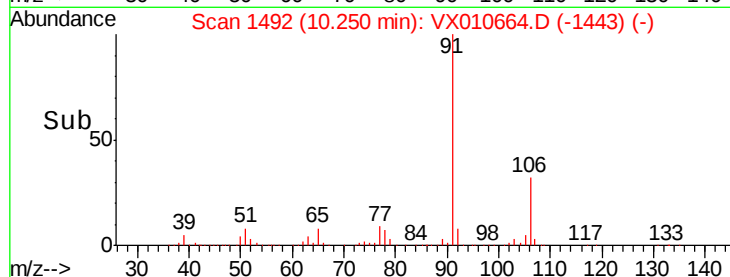
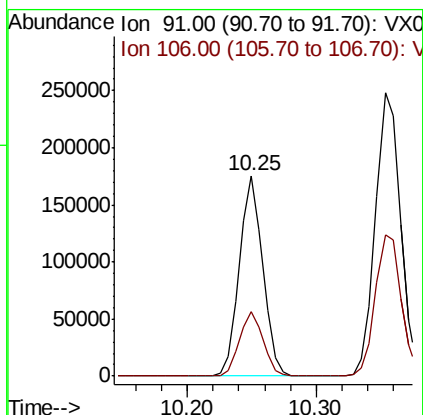
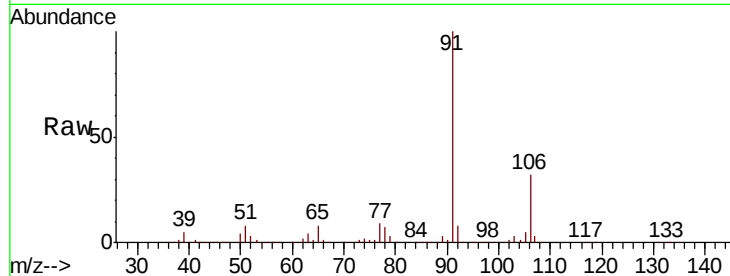




#67
Ethyl Benzene
Concen: 20.630 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX010664.D
Acq: 04 Jul 2019 03:45

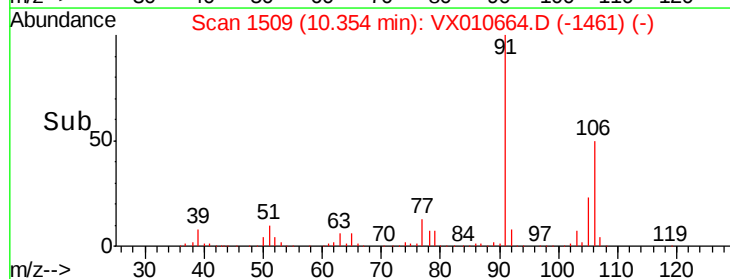
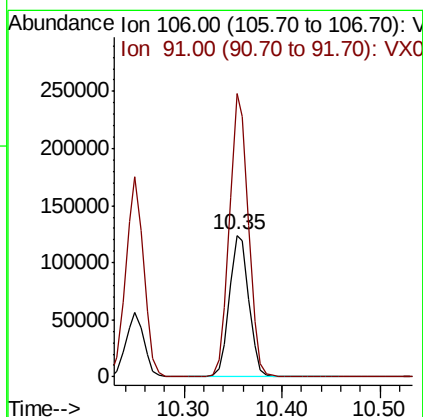
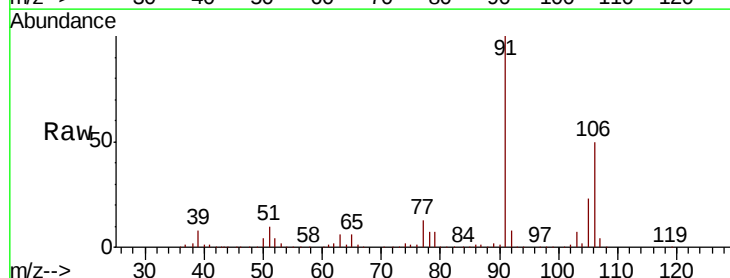
Instrument :
MSVOA_X
ClientSampled :
VX0703WBS02

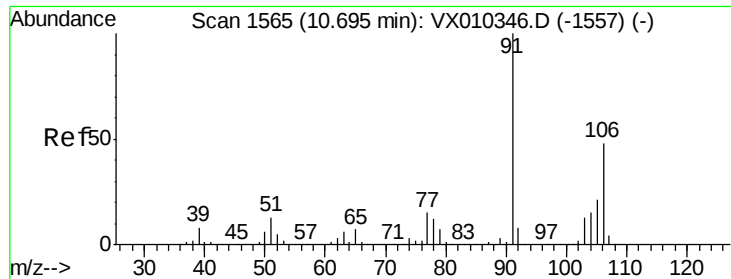
Tot Ion: 91 Resp: 222127
Ion Ratio Lower Upper
91 100
106 32.4 26.2 39.2



#68
m/p-Xylenes
Concen: 41.121 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX010664.D
Acq: 04 Jul 2019 03:45

Tgt Ion: 106 Resp: 171552
Ion Ratio Lower Upper
106 100
91 194.0 155.3 232.9

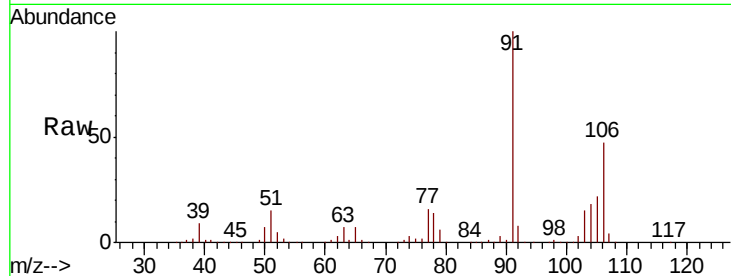




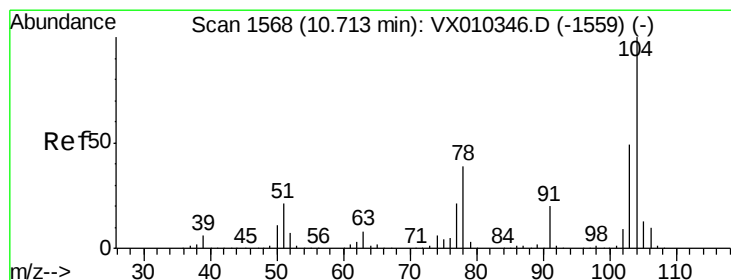
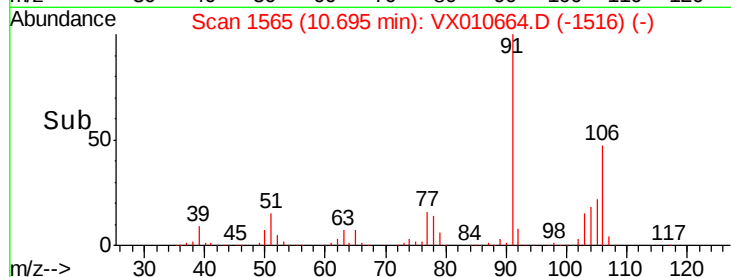
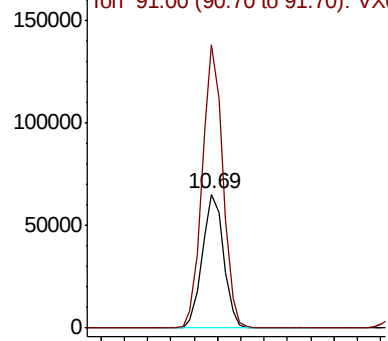
#69
o-Xylene
Concen: 20.372 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX010664.D
Acq: 04 Jul 2019 03:45

Instrument :
MSVOA_X
ClientSampled :
VX0703WBS02

Tot Ion:106 Resp: 83582
Ion Ratio Lower Upper
106 100
91 203.6 102.7 308.1

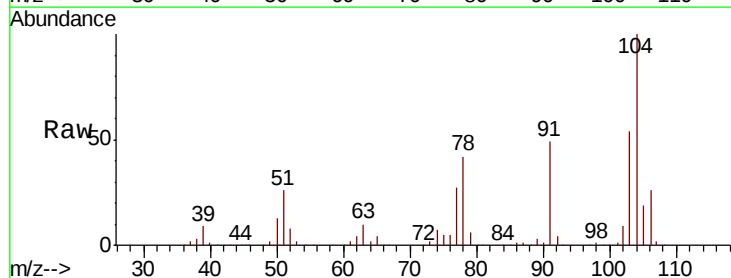


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

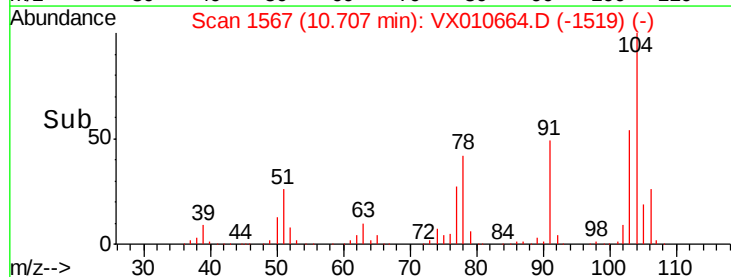
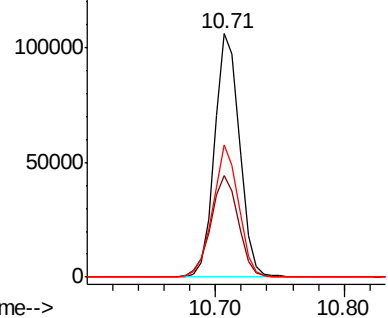


#70
Styrene
Concen: 20.551 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX010664.D
Acq: 04 Jul 2019 03:45

Tgt Ion:104 Resp: 141397
Ion Ratio Lower Upper
104 100
78 46.5 36.2 54.2
103 56.2 44.2 66.4



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 17.028 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX010664.D

Acq: 04 Jul 2019 03:45

Instrument :

MSVOA_X

ClientSampleId :

VX0703WBS02

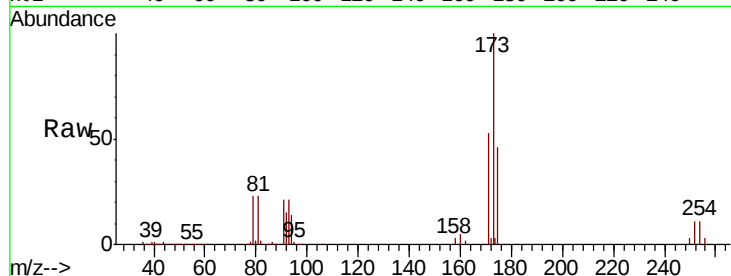
Tot Ion:173 Resp: 34400

Ion Ratio Lower Upper

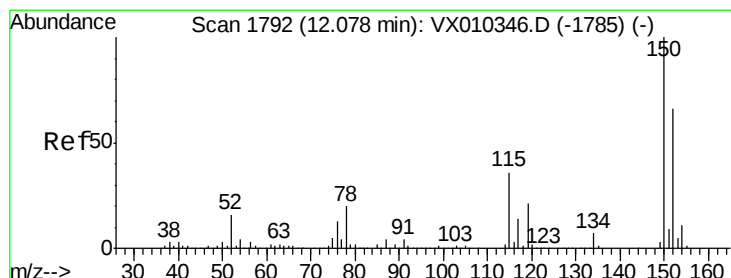
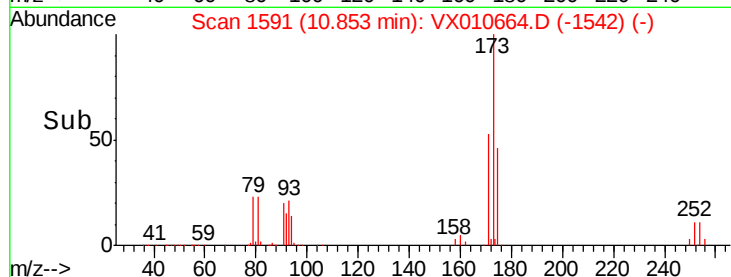
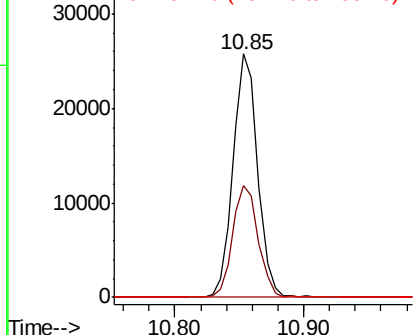
173 100

175 47.5 24.1 72.3

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: 12.07 min Scan# 1791

Delta R.T. -0.01 min

Lab File: VX010664.D

Acq: 04 Jul 2019 03:45

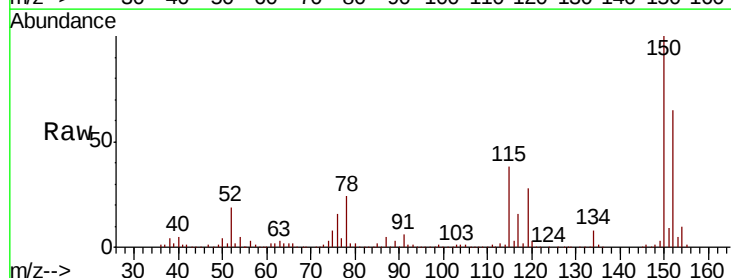
Tgt Ion:152 Resp: 163841

Ion Ratio Lower Upper

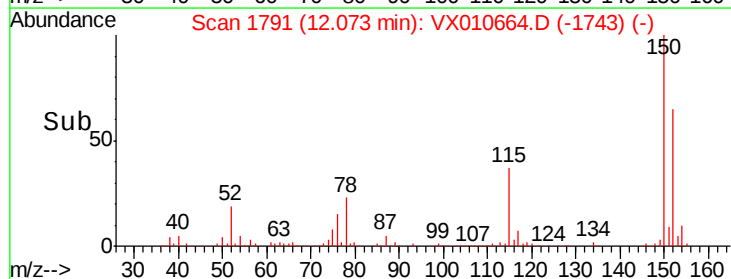
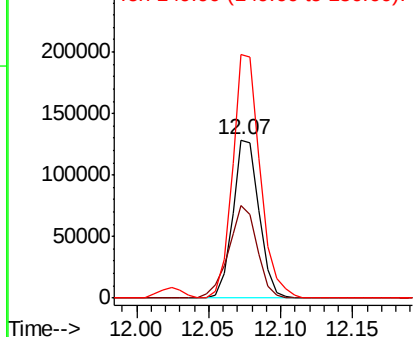
152 100

115 63.3 38.6 115.7

150 160.8 0.0 347.4



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





#73

Isopropylbenzene

Concen: 20.019 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010664.D

Acq: 04 Jul 2019 03:45

Instrument :

MSVOA_X

ClientSampleId :

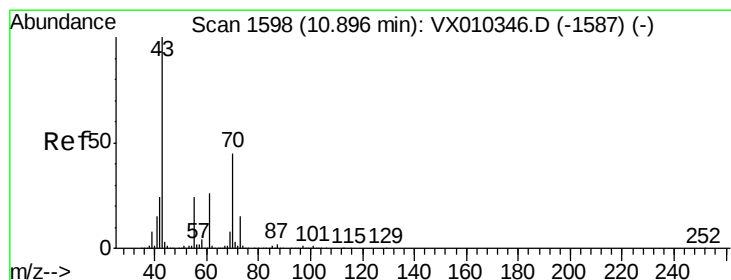
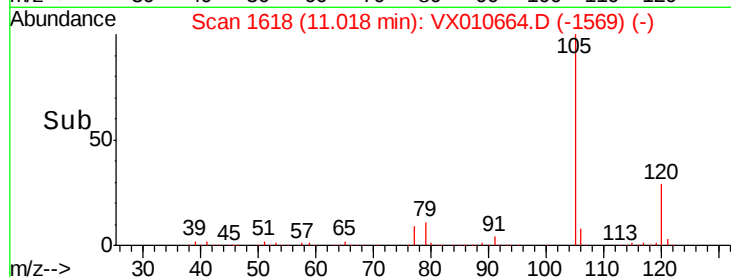
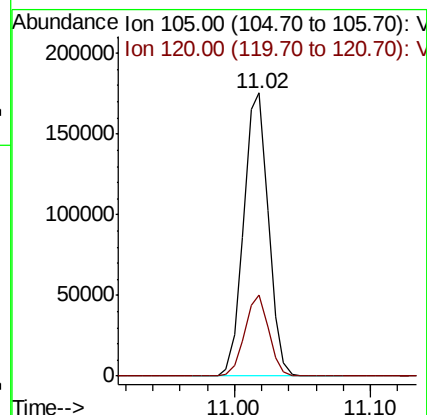
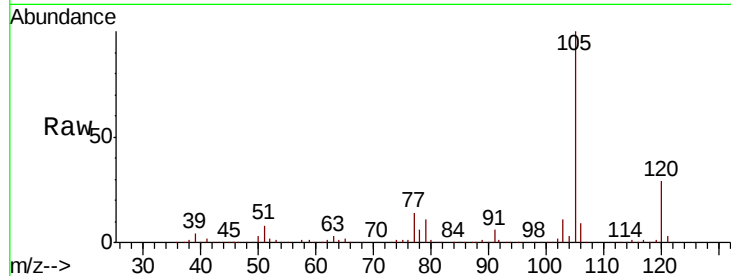
VX0703WBS02

Tot Ion:105 Resp: 222338

Ion Ratio Lower Upper

105 100

120 27.7 14.1 42.4



#74

N-ethyl acetate

Concen: 19.319 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX010664.D

Acq: 04 Jul 2019 03:45

Tgt Ion: 43 Resp: 81088

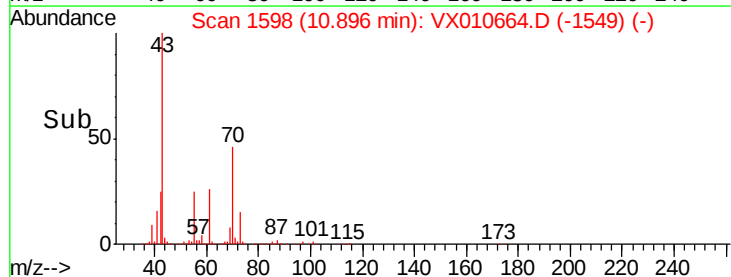
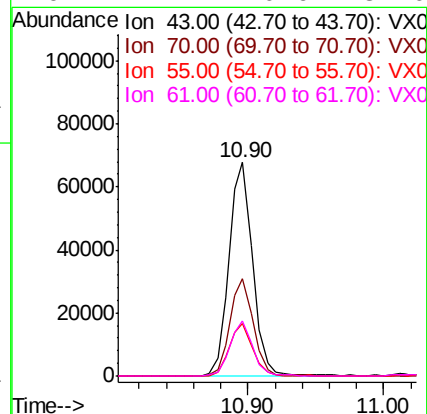
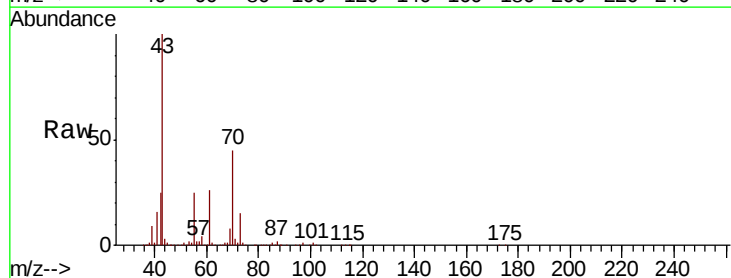
Ion Ratio Lower Upper

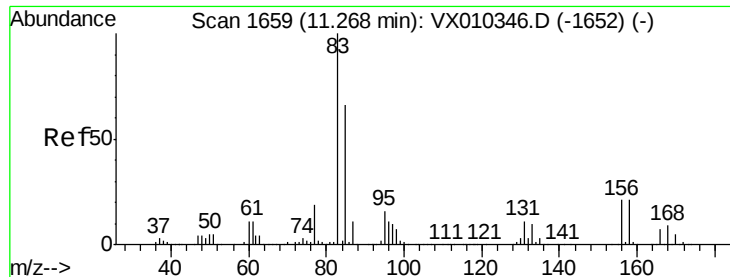
43 100

70 45.3 36.6 54.8

55 24.5 18.7 28.1

61 24.7 20.6 31.0





#75

1,1,2,2-Tetrachloroethane

Concen: 20.150 ug/l

RT: 11.26 min Scan# 1658

Delta R.T. -0.01 min

Lab File: VX010664.D

Acq: 04 Jul 2019 03:45

Instrument :

MSVOA_X

ClientSampleId :

VX0703WBS02

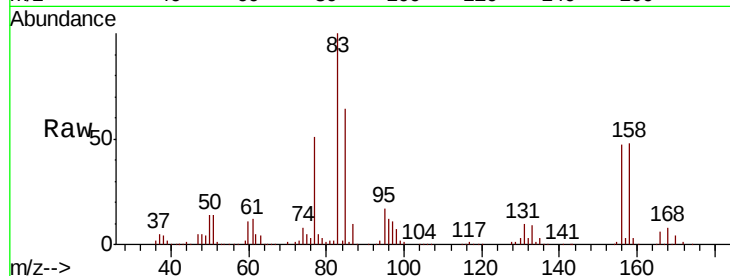
Tot Ion: 83 Resp: 74114

Ion Ratio Lower Upper

83 100

131 10.7 5.5 16.4

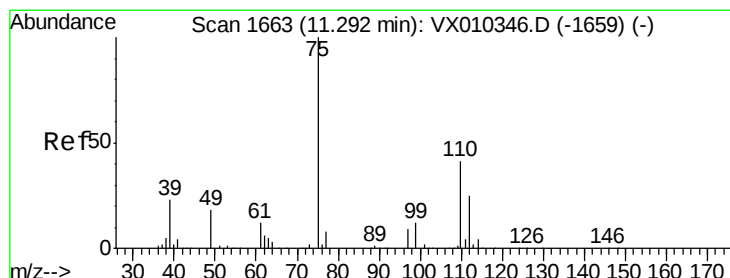
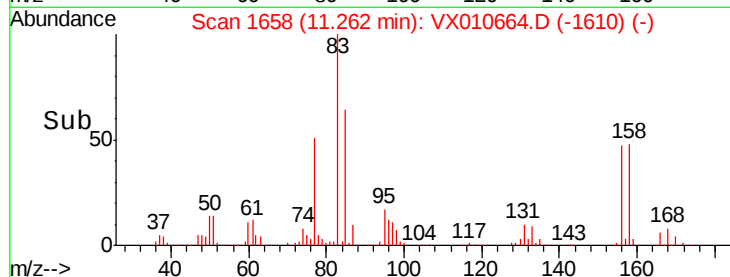
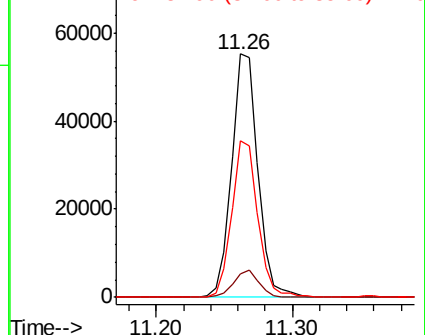
85 64.0 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 25.156 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX010664.D

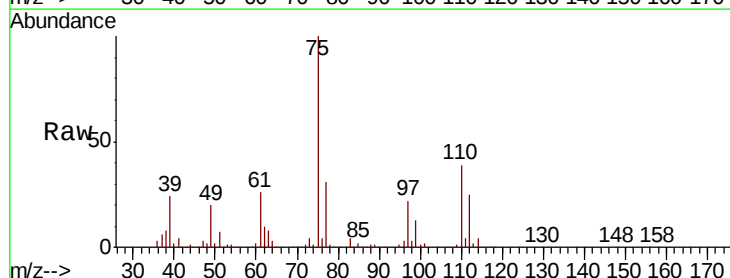
Acq: 04 Jul 2019 03:45

Tgt Ion: 75 Resp: 75107

Ion Ratio Lower Upper

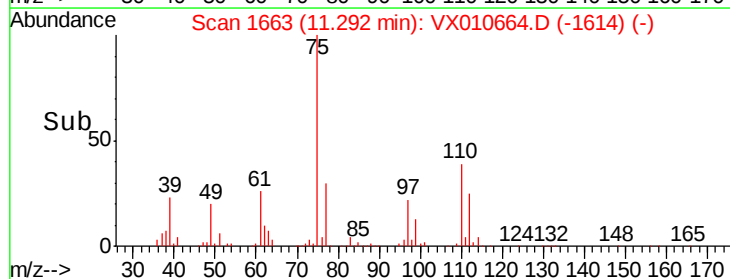
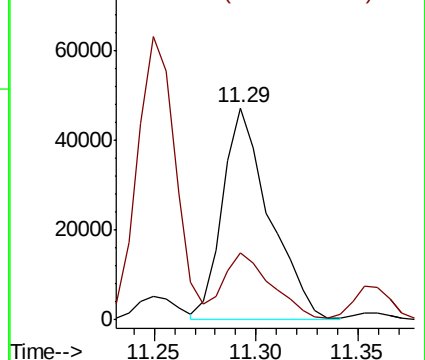
75 100

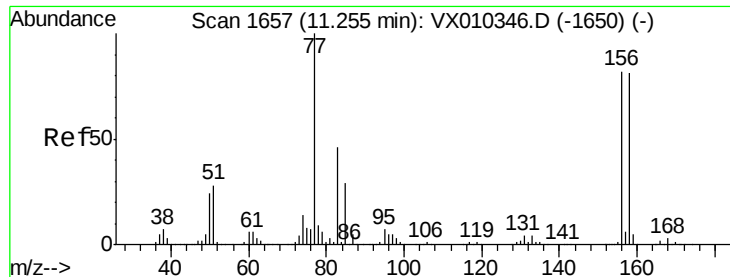
77 32.5 22.6 67.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.493 ug/l

RT: 11.25 min Scan# 1656

Delta R.T. -0.01 min

Lab File: VX010664.D

Acq: 04 Jul 2019 03:45

Instrument :

MSVOA_X

ClientSampleId :

VX0703WBS02

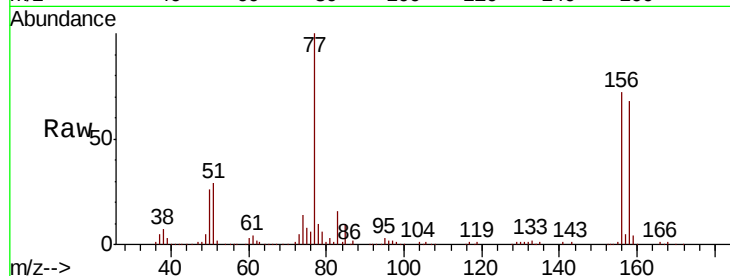
Tot Ion:156 Resp: 60451

Ion Ratio Lower Upper

156 100

77 135.1 66.3 198.7

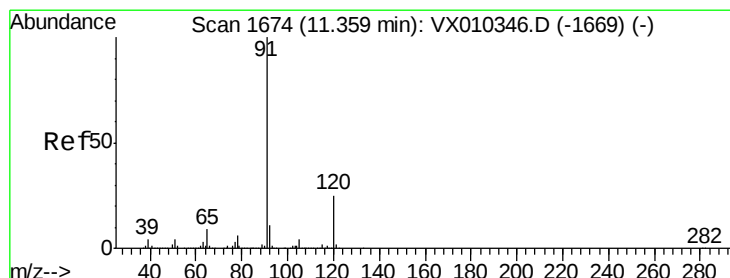
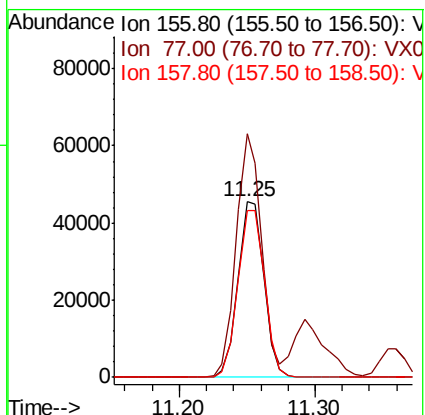
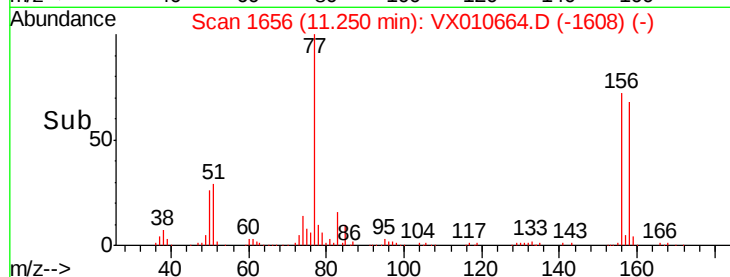
158 97.7 48.9 146.7



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.214 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX010664.D

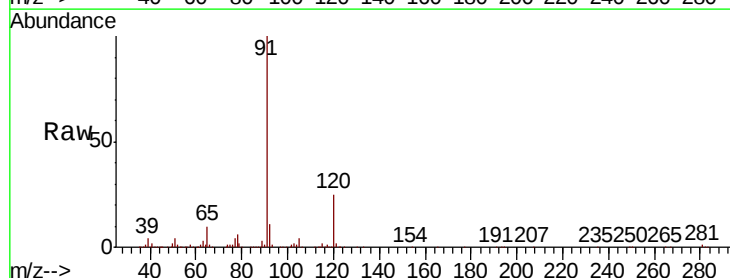
Acq: 04 Jul 2019 03:45

Tgt Ion: 91 Resp: 246741

Ion Ratio Lower Upper

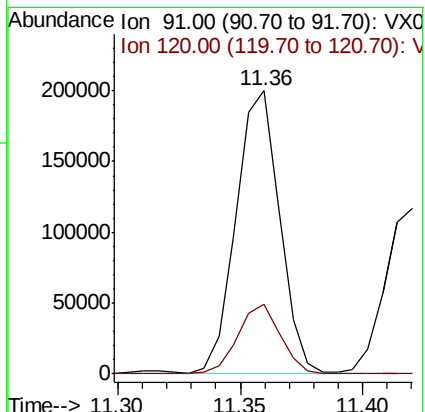
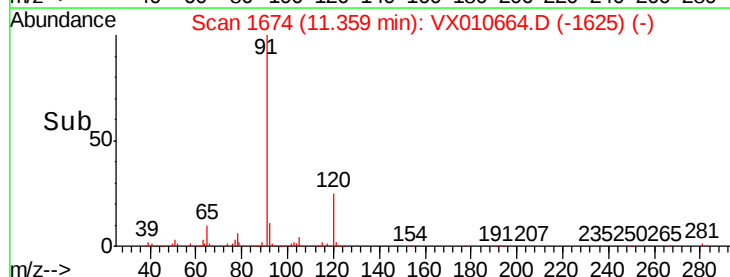
91 100

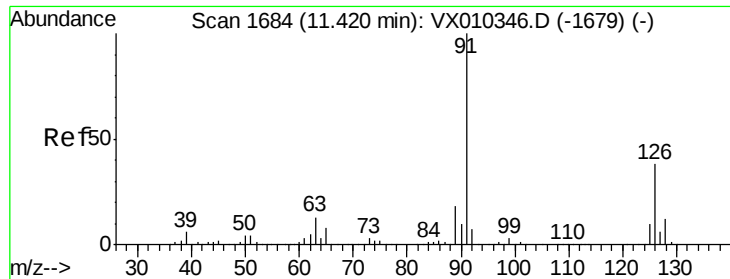
120 24.3 12.4 37.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

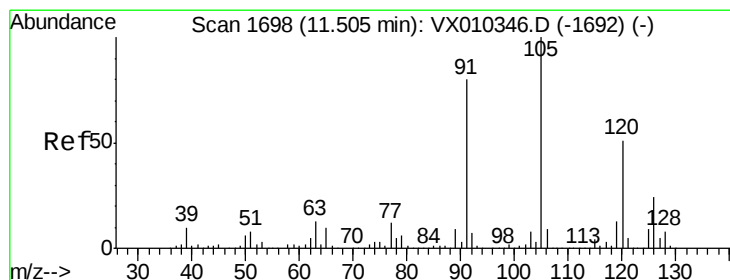
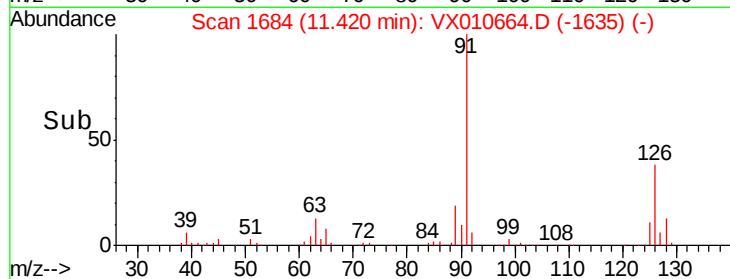
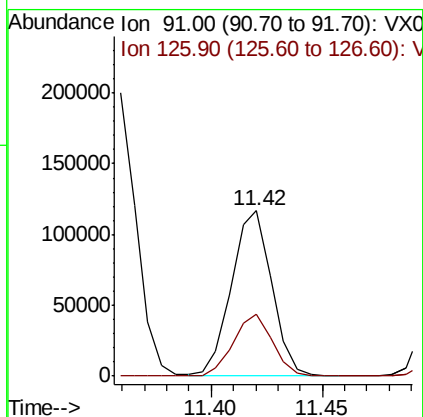
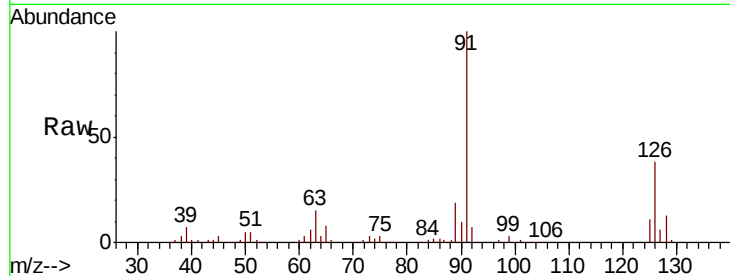




#79
 2-Chlorotoluene
 Concen: 20.082 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: VX010664.D
 Acq: 04 Jul 2019 03:45

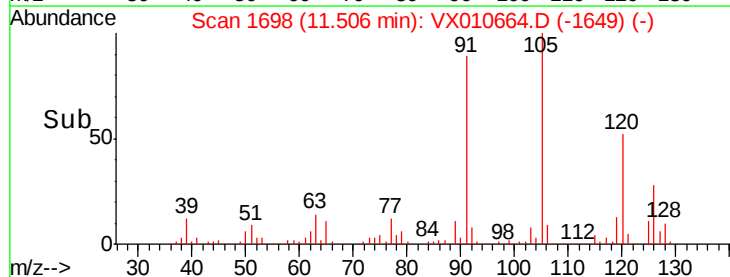
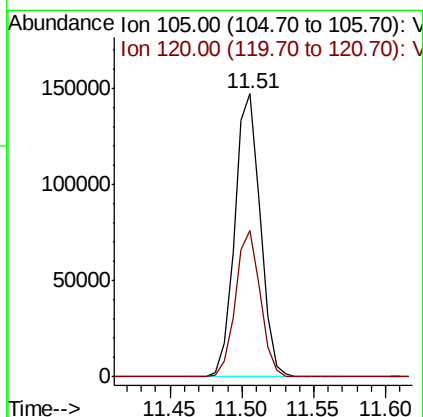
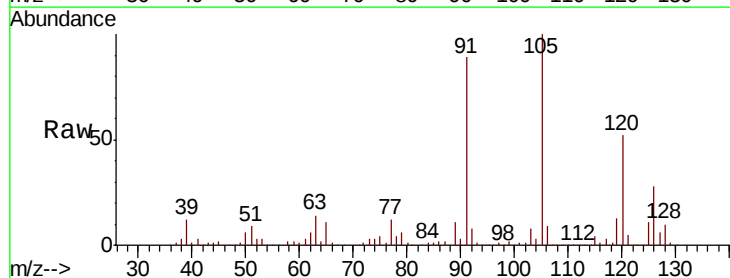
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0703WBS02

Tot Ion: 91 Resp: 145969
 Ion Ratio Lower Upper
 91 100
 126 36.8 18.7 56.1



#80
 1,3,5-Trimethylbenzene
 Concen: 19.909 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX010664.D
 Acq: 04 Jul 2019 03:45

Tgt Ion:105 Resp: 182286
 Ion Ratio Lower Upper
 105 100
 120 50.4 25.2 75.6

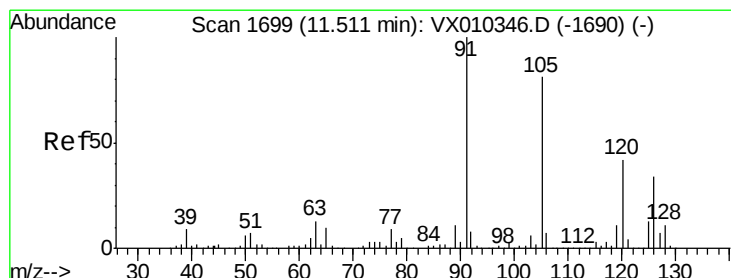
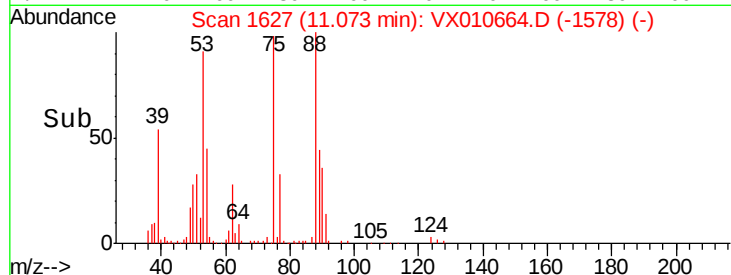
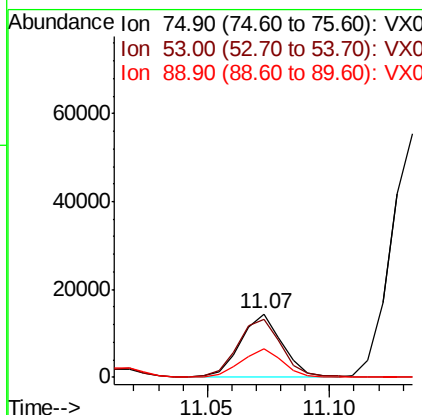
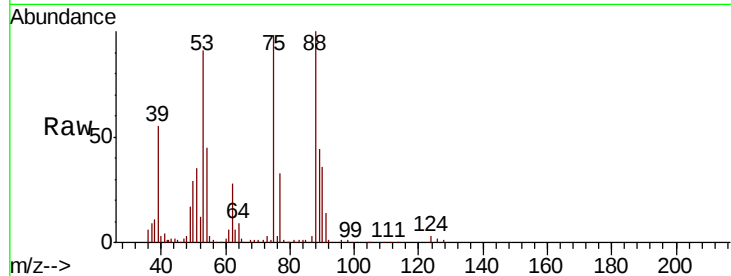




#81
trans-1,4-Dichloro-2-butene
Concen: 13.117 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX010664.D
Acq: 04 Jul 2019 03:45

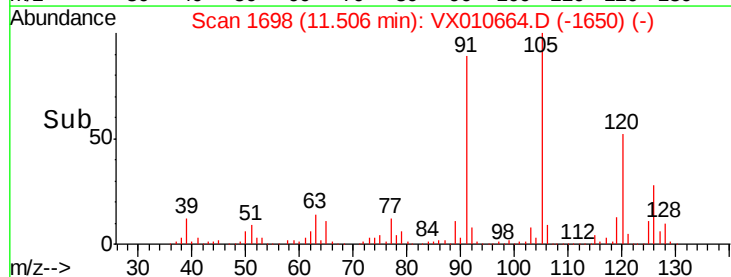
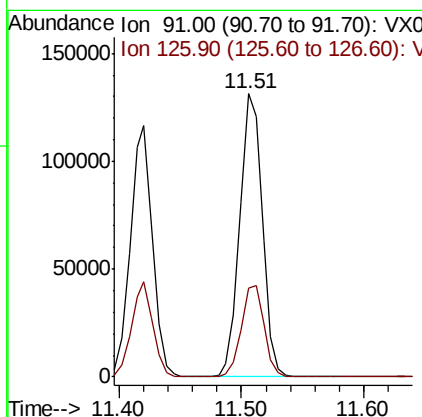
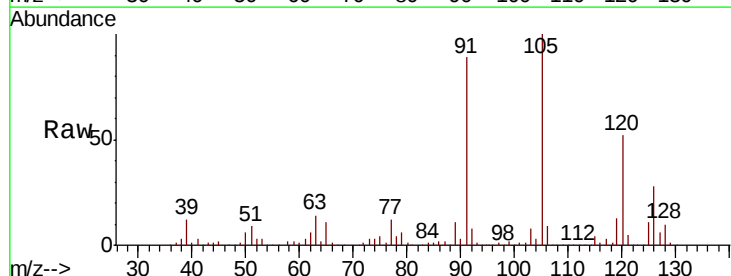
Instrument :
MSVOA_X
ClientSampleId :
VX0703WBS02

Tot Ion: 75 Resp: 16787
Ion Ratio Lower Upper
75 100
53 99.5 66.1 99.1#
89 46.1 37.8 56.6



#82
4-Chlorotoluene
Concen: 20.166 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.01 min
Lab File: VX010664.D
Acq: 04 Jul 2019 03:45

Tgt Ion: 91 Resp: 166790
Ion Ratio Lower Upper
91 100
126 32.5 16.2 48.6

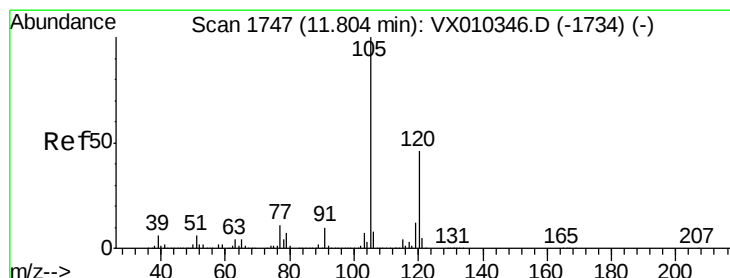
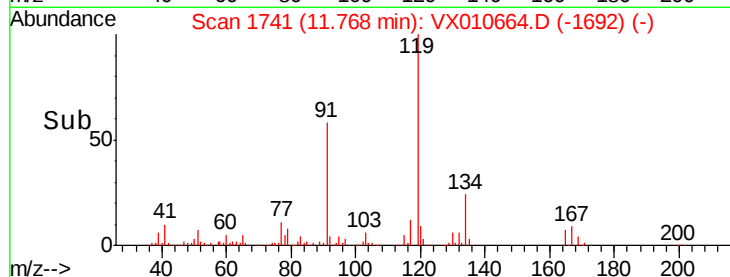
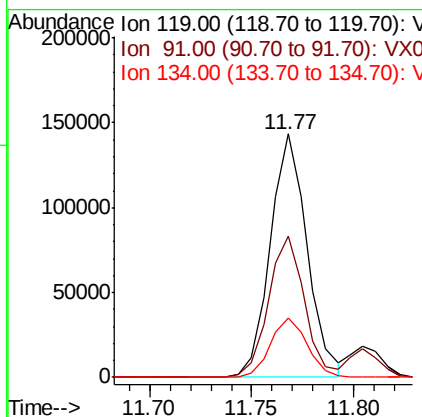
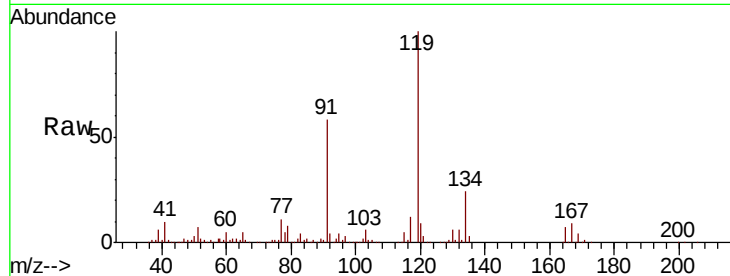




#83
tert-Butylbenzene
Concen: 19.699 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX010664.D
Acq: 04 Jul 2019 03:45

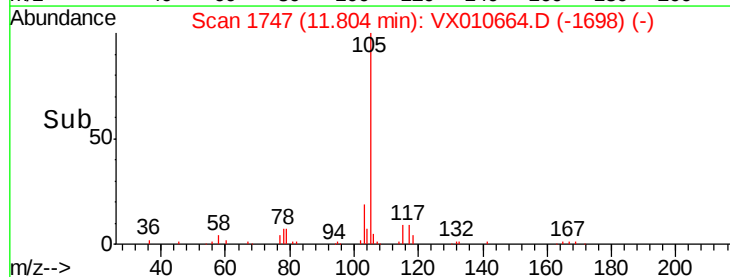
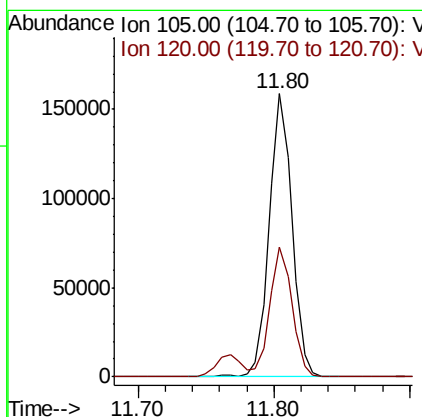
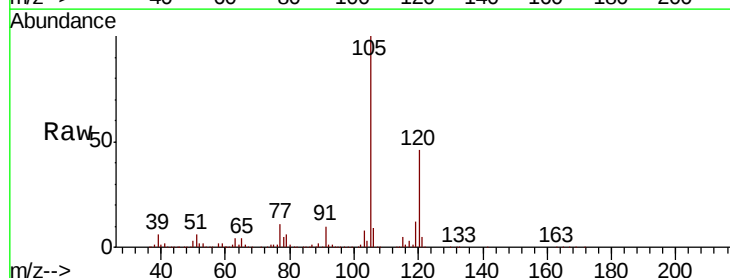
Instrument :
MSVOA_X
ClientSampleId :
VX0703WBS02

Tot Ion:119 Resp: 181027
Ion Ratio Lower Upper
119 100
91 56.7 27.6 82.7
134 24.3 11.8 35.4



#84
1,2,4-Trimethylbenzene
Concen: 20.399 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX010664.D
Acq: 04 Jul 2019 03:45

Tgt Ion:105 Resp: 187650
Ion Ratio Lower Upper
105 100
120 45.0 23.1 69.2





#85

sec-Butylbenzene

Concen: 19.847 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX010664.D

Acq: 04 Jul 2019 03:45

Instrument :

MSVOA_X

ClientSampleId :

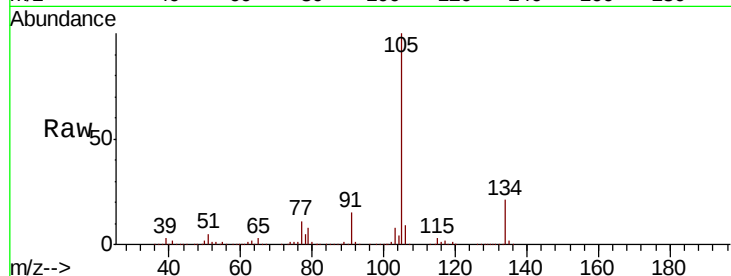
VX0703WBS02

Tot Ion:105 Resp: 214149

Ion Ratio Lower Upper

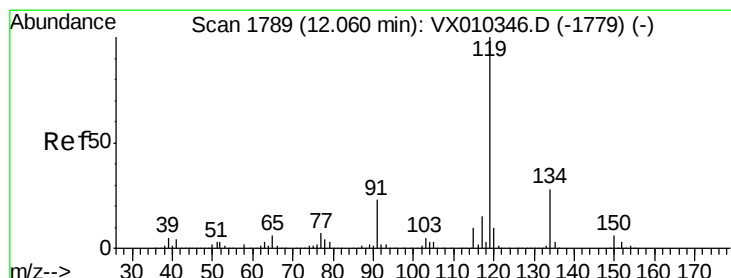
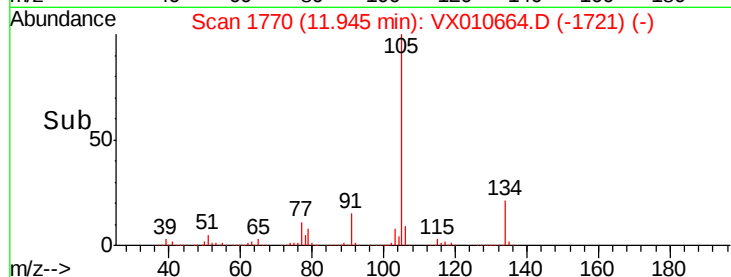
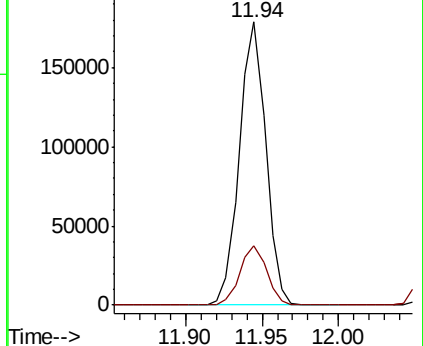
105 100

134 21.4 10.7 31.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.618 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX010664.D

Acq: 04 Jul 2019 03:45

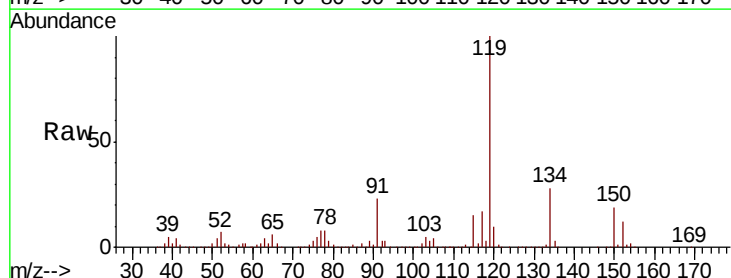
Tgt Ion:119 Resp: 195790

Ion Ratio Lower Upper

119 100

134 27.6 13.7 41.1

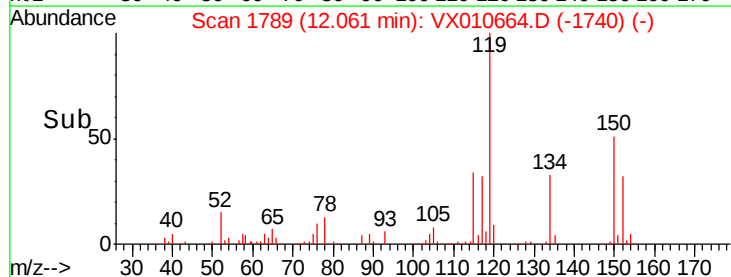
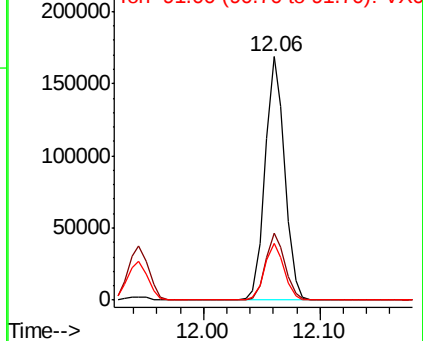
91 23.4 11.3 33.8

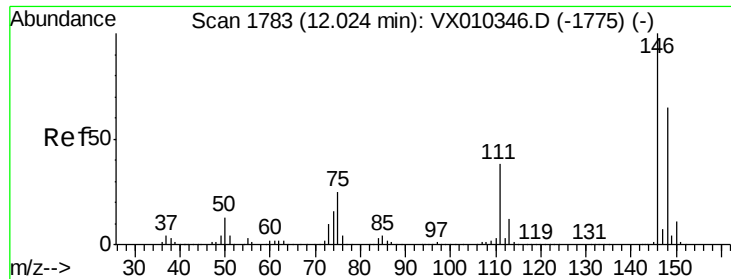


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

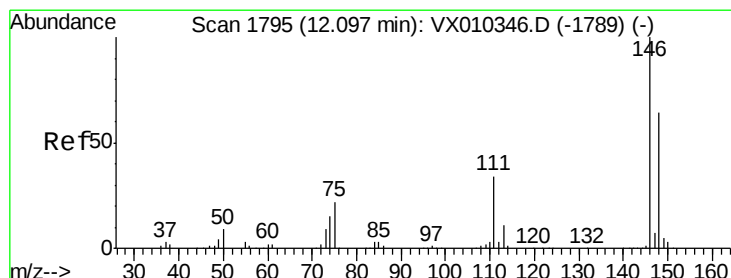
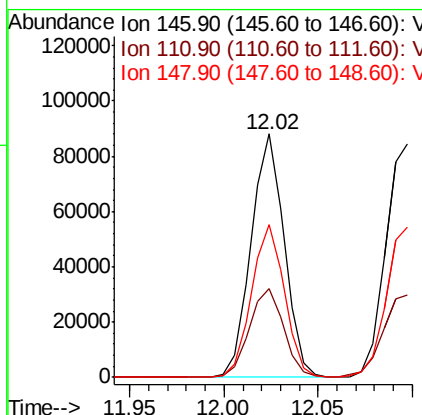
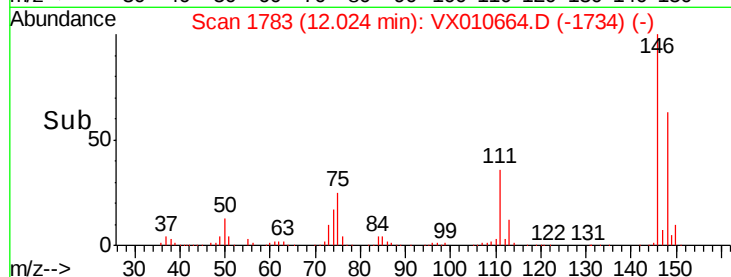
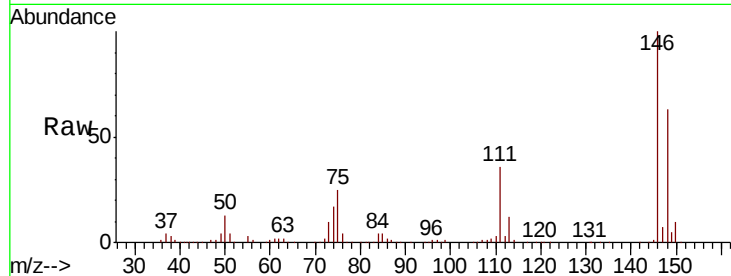




#87
 1,3-Dichlorobenzene
 Concen: 19.854 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX010664.D
 Acq: 04 Jul 2019 03:45

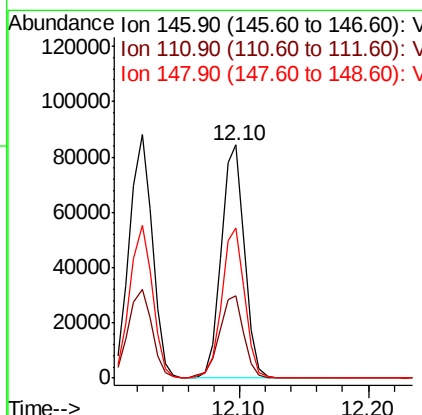
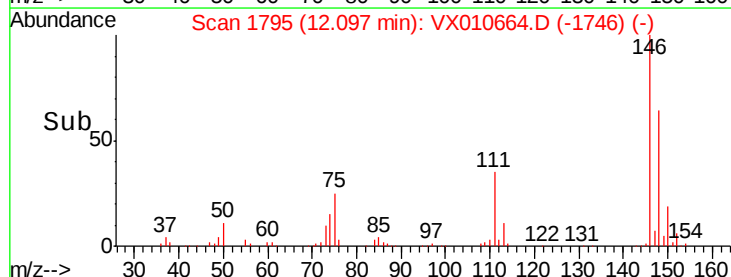
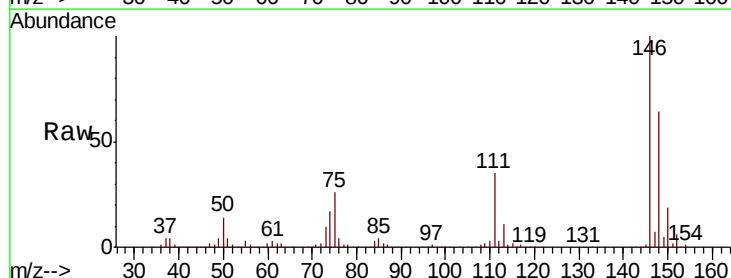
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0703WBS02

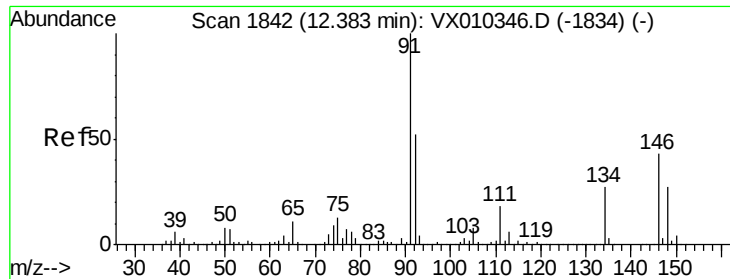
Tot Ion:146 Resp: 107479
 Ion Ratio Lower Upper
 146 100
 111 37.7 19.1 57.1
 148 62.6 32.5 97.4



#88
 1,4-Dichlorobenzene
 Concen: 19.508 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX010664.D
 Acq: 04 Jul 2019 03:45

Tgt Ion:146 Resp: 107512
 Ion Ratio Lower Upper
 146 100
 111 37.2 18.1 54.3
 148 63.6 32.1 96.3





#89

n-Butylbenzene

Concen: 19.401 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. 0.00 min

Lab File: VX010664.D

Acq: 04 Jul 2019 03:45

Instrument :

MSVOA_X

ClientSampleId :

VX0703WBS02

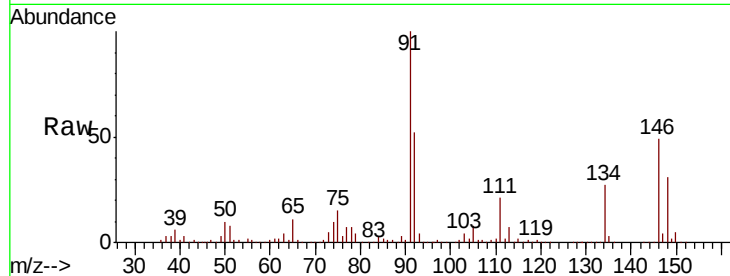
Tot Ion: 91 Resp: 164532

Ion Ratio Lower Upper

91 100

92 52.6 26.2 78.5

134 28.0 14.1 42.4



Abundance Ion 91.00 (90.70 to 91.70): VX010346.D (-1834) (-)

Ion 92.00 (91.70 to 92.70): VX010346.D (-1834) (-)

Ion 134.00 (133.70 to 134.70): VX010346.D (-1834) (-)

12.38

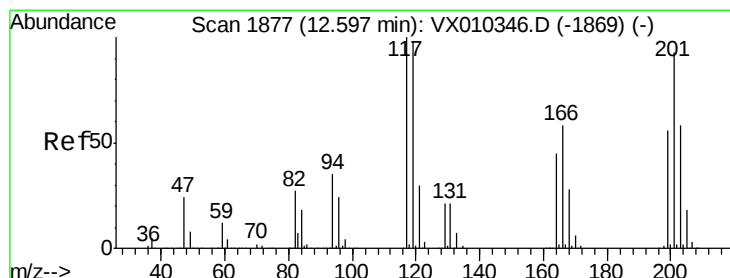
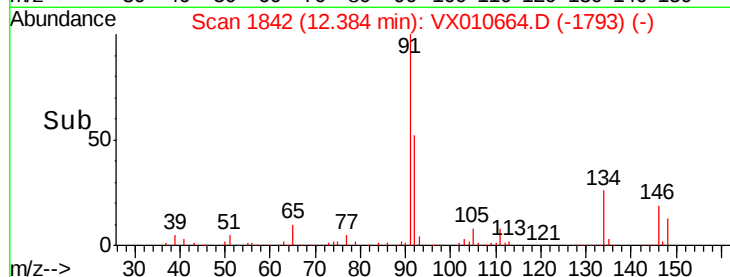
150000

100000

50000

0

Time-->



#90

Hexachloroethane

Concen: 17.204 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX010664.D

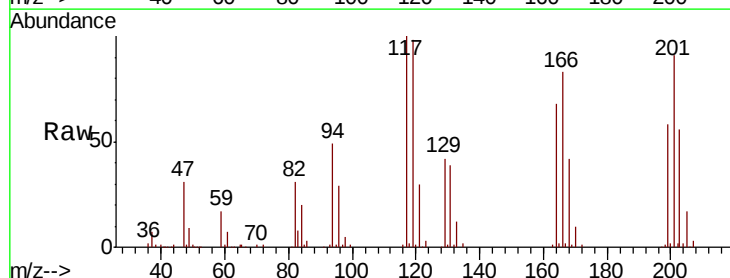
Acq: 04 Jul 2019 03:45

Tgt Ion: 117 Resp: 29690

Ion Ratio Lower Upper

117 100

201 85.1 44.0 131.8



Abundance Ion 116.80 (116.50 to 117.50): VX010346.D (-1869) (-)

Ion 200.70 (200.40 to 201.40): VX010346.D (-1869) (-)

12.60

25000

20000

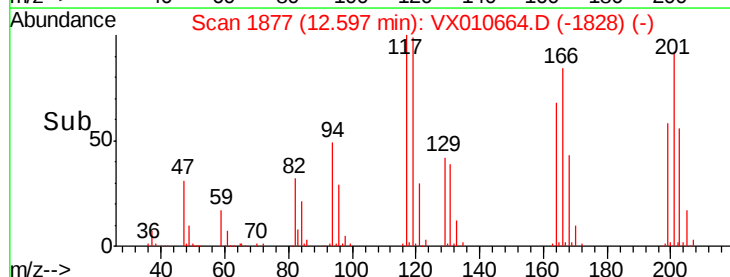
15000

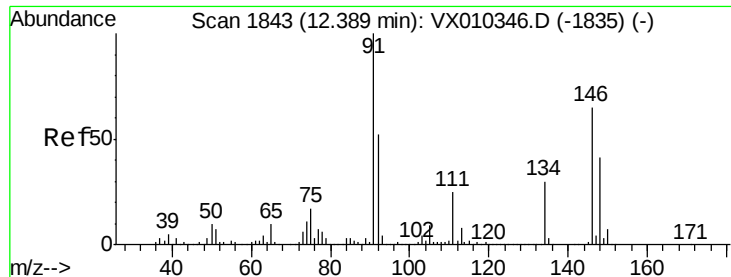
10000

5000

0

Time-->





#91

1,2-Dichlorobenzene

Concen: 20.008 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX010664.D

Acq: 04 Jul 2019 03:45

Instrument :

MSVOA_X

ClientSampleId :

VX0703WBS02

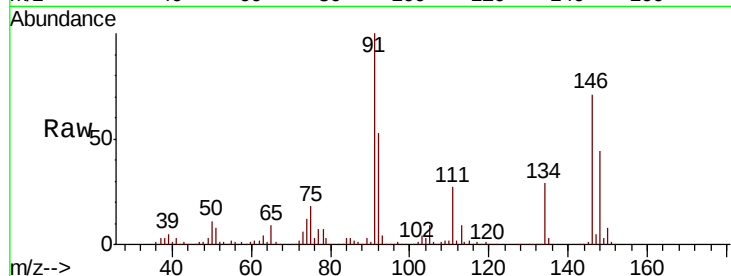
Tot Ion:146 Resp: 107647

Ion Ratio Lower Upper

146 100

111 39.1 19.2 57.6

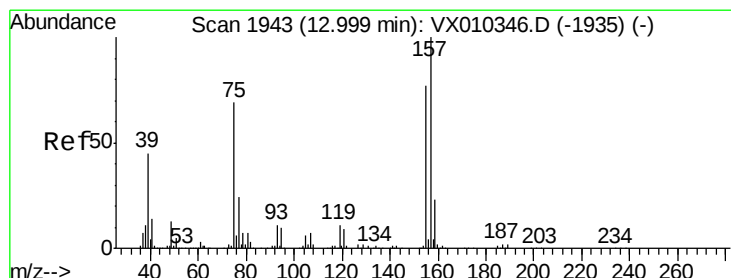
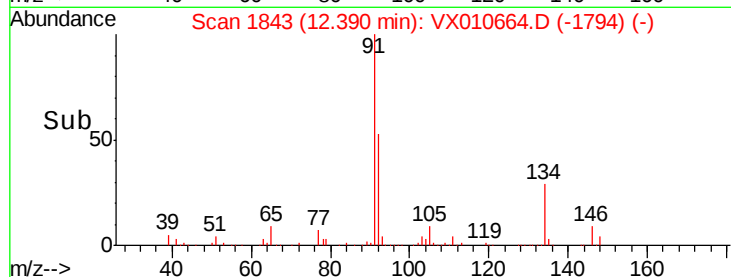
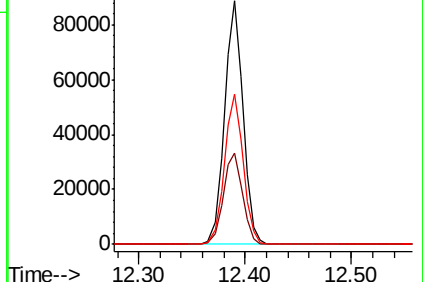
148 62.7 32.0 96.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.224 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX010664.D

Acq: 04 Jul 2019 03:45

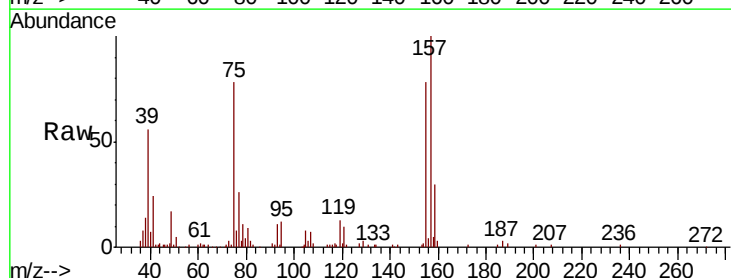
Tgt Ion: 75 Resp: 13659

Ion Ratio Lower Upper

75 100

155 100.0 54.4 163.1

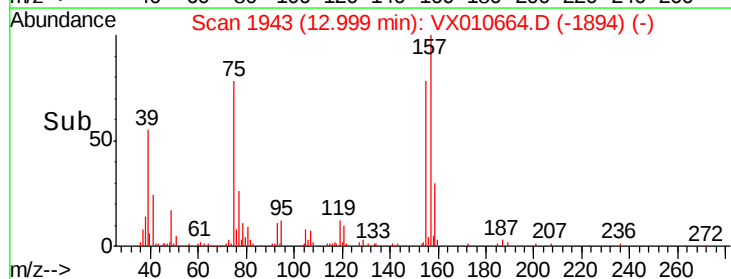
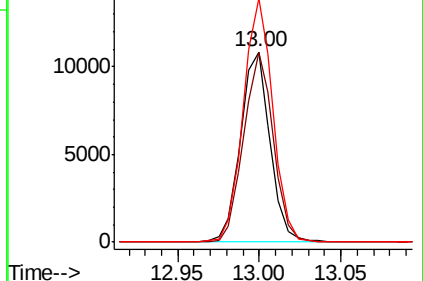
157 127.9 69.5 208.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

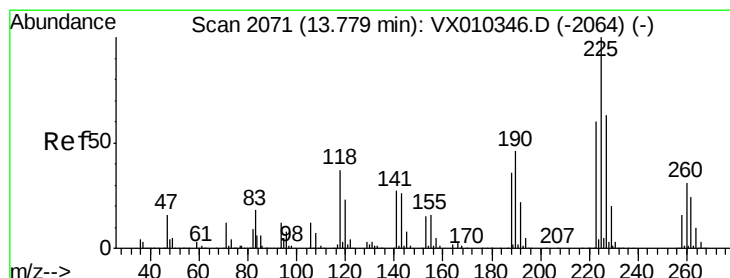
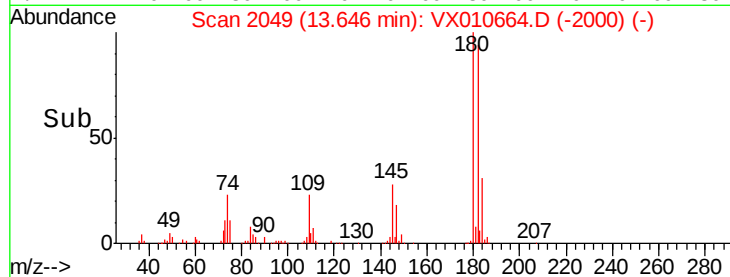
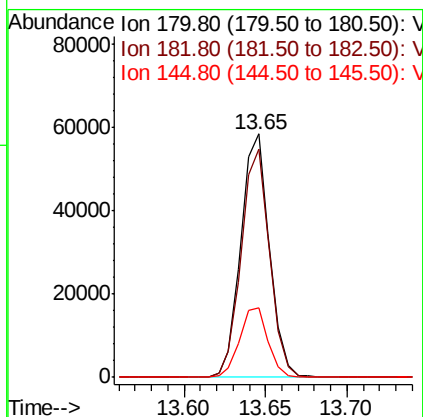
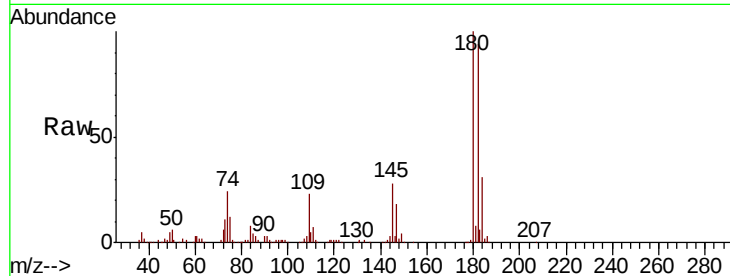




#93
 1,2,4-Trichlorobenzene
 Concen: 19.102 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX010664.D
 Acq: 04 Jul 2019 03:45

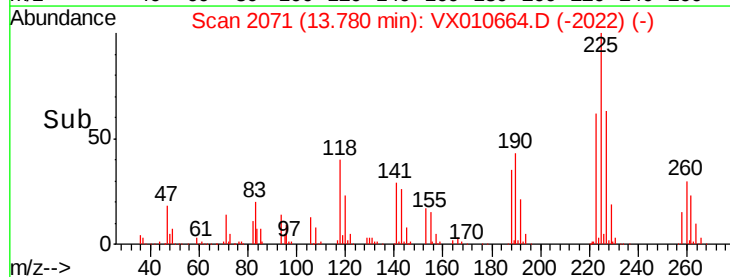
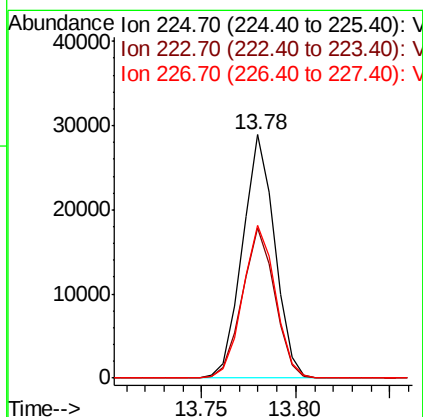
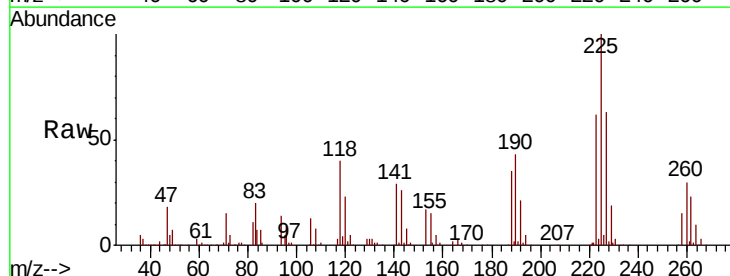
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0703WBS02

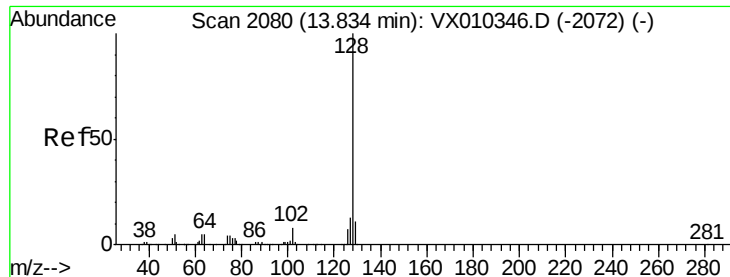
Tot Ion:180 Resp: 71270
 Ion Ratio Lower Upper
 180 100
 182 93.3 48.0 144.0
 145 28.6 14.4 43.4



#94
 Hexachlorobutadiene
 Concen: 18.782 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX010664.D
 Acq: 04 Jul 2019 03:45

Tgt Ion:225 Resp: 34249
 Ion Ratio Lower Upper
 225 100
 223 62.4 30.9 92.7
 227 63.8 31.9 95.5





#95

Naphthalene

Concen: 18.749 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX010664.D

Acq: 04 Jul 2019 03:45

Instrument :

MSVOA_X

ClientSampleId :

VX0703WBS02

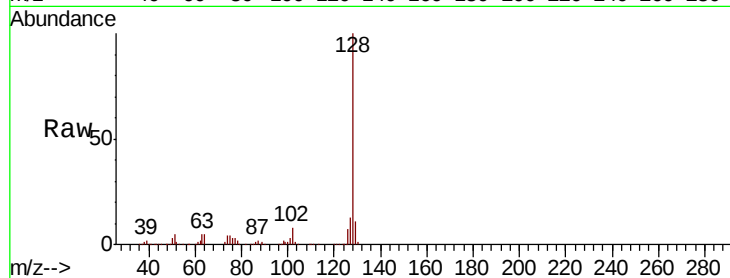
Tot Ion:128 Resp: 214970

Ion Ratio Lower Upper

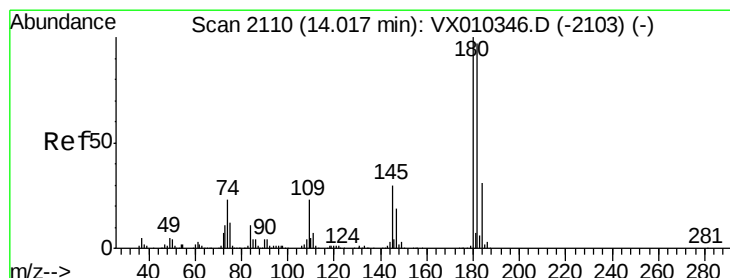
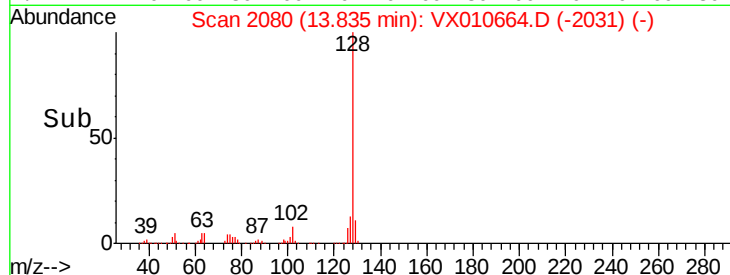
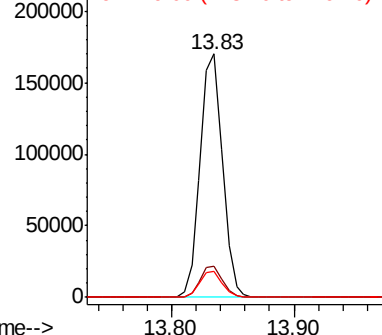
128 100

127 12.9 10.2 15.4

129 10.8 8.9 13.3



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: 19.590 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX010664.D

Acq: 04 Jul 2019 03:45

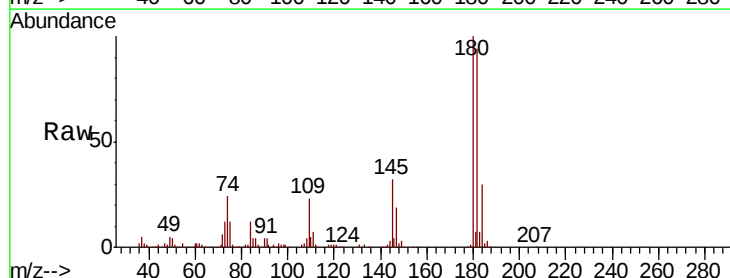
Tgt Ion:180 Resp: 72671

Ion Ratio Lower Upper

180 100

182 94.0 47.8 143.3

145 30.6 15.2 45.6



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

