

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050319\
 Data File : VX009306.D
 Acq On : 03 May 2019 12:43
 Operator : JC/SP
 Sample : VX0503WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0503WBSD01

Quant Time: May 04 01:57:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X050119W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu May 02 06:46:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.02	128	30098	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.86	114	174162	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	153846	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.06	65	74155	29.70	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	99.00%
60) 4-Bromofluorobenzene	11.13	95	76861	29.40	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	98.00%
63) Toluene-d8	8.71	98	219822	30.14	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.47%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.20	85	31204	19.511	ug/l 99
3) Chloromethane	1.32	50	43975	20.456	ug/l 99
4) Vinyl Chloride	1.41	62	43296	20.189	ug/l 98
5) Bromomethane	1.64	94	24767	18.219	ug/l 98
6) Chloroethane	1.72	64	27461	19.525	ug/l 99
7) Trichlorofluoromethane	1.93	101	54096	20.428	ug/l 99
8) Diethyl Ether	2.19	74	24932	20.276	ug/l 97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	33715	20.563	ug/l 98
10) 1,1-Dichloroethene	2.37	96	33092	20.101	ug/l 97
11) Methyl Iodide	2.51	142	35673	19.933	ug/l 99
12) Methyl Acetate	2.77	43	61477	19.826	ug/l 98
13) Acrolein	2.29	56	40505	95.240	ug/l 99
14) Acrylonitrile	3.14	53	136856	101.699	ug/l 99
15) Acetone	2.44	58	38442	99.496	ug/l 97
16) Carbon Disulfide	2.57	76	86443	19.407	ug/l 99
17) Allyl chloride	2.73	41	77607	19.636	ug/l 98
18) Methylene Chloride	2.85	84	40954	20.584	ug/l 97
19) trans-1,2-Dichloroethene	3.17	96	34986	19.932	ug/l 96
20) Diisopropyl ether	3.85	45	156899	20.159	ug/l 99
21) 1,1-Dichloroethane	3.70	63	75900	20.151	ug/l 99
22) cis-1,2-Dichloroethene	4.60	96	42218	19.968	ug/l 98
23) tert-Butyl Alcohol	3.04	59	55869	98.185	ug/l # 100
24) Methyl tert-Butyl Ether	3.19	73	129599	20.116	ug/l 99
25) Chloroform	5.21	83	69985	20.361	ug/l 99
26) Cyclohexane	5.58	56	70943	20.209	ug/l # 99
29) 1,1-Dichloropropene	5.80	75	51831	20.282	ug/l 99
30) 2-Butanone	4.67	43	205578	102.719	ug/l 100
31) 2,2-Dichloropropane	4.59	77	54108	19.206	ug/l 99
32) 1,1,1-Trichloroethane	5.49	97	56937	20.552	ug/l 98
33) Carbon Tetrachloride	5.78	117	46957	20.258	ug/l 97
34) Benzene	6.15	78	161759	20.531	ug/l 100
35) Methacrylonitrile	5.04	41	43811	20.923	ug/l 95
36) 1,2-Dichloroethane	6.20	62	59731	20.894	ug/l 100
37) Trichloroethene	7.21	130	38101	20.089	ug/l 93
38) Methylcyclohexane	7.46	83	62589	19.824	ug/l 100
39) 1,2-Dichloropropane	7.51	63	46504	20.727	ug/l 99
40) Dibromomethane	7.66	93	26234	20.602	ug/l 98

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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu May 02 06:46:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.90	83	52966	20.363	ug/l	97
42) Vinyl Acetate	3.81	43	691068	104.622	ug/l	100
43) Ethyl Acetate	4.83	43	76991	21.289	ug/l	99
44) Isopropyl Acetate	6.45	43	118050	20.150	ug/l	99
45) 1,4-Dioxane	7.74	88	23249	404.197	ug/l	97
46) Methyl methacrylate	7.77	41	58271	19.928	ug/l	97
47) n-amyl Acetate	10.90	43	104259	19.755	ug/l	100
48) t-1,3-Dichloropropene	9.04	75	58930	19.417	ug/l	95
49) cis-1,3-Dichloropropene	8.43	75	66303	19.900	ug/l	99
50) 1,1,2-Trichloroethane	9.21	97	41038	21.035	ug/l	96
51) Ethyl methacrylate	9.18	69	71962	19.960	ug/l	98
52) 1,3-Dichloropropane	9.37	76	71110	20.537	ug/l	99
53) Dibromochloromethane	9.58	129	39653	20.408	ug/l	99
54) 1,2-Dibromoethane	9.67	107	40944	20.463	ug/l	98
55) 2-Chloroethyl vinyl ether	8.31	63	200735	104.487	ug/l	99
56) Bromoform	10.85	173	28878	19.362	ug/l #	98
58) 4-Methyl-2-Pentanone	8.64	43	393411	103.997	ug/l	99
59) 2-Hexanone	9.49	43	303788	102.386	ug/l	100
61) Tetrachloroethene	9.34	164	35324	20.828	ug/l	97
62) Toluene	8.78	91	172517	20.985	ug/l	99
64) Chlorobenzene	10.13	112	101345	20.484	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.22	131	36674	20.244	ug/l	99
66) Ethyl Benzene	10.25	91	187272	20.449	ug/l	97
67) m/p-Xylenes	10.36	106	135858	40.631	ug/l	100
68) o-Xylene	10.69	106	67603	20.562	ug/l	98
69) Styrene	10.71	104	116698	20.219	ug/l	99
70) Isopropylbenzene	11.02	105	180129	20.372	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.26	83	66596	20.565	ug/l	98
72) 1,2,3-Trichloropropane	11.29	75	77413	27.741	ug/l	82
73) Bromobenzene	11.26	156	44239	20.250	ug/l	99
74) n-propylbenzene	11.36	91	204565	19.964	ug/l	100
75) 2-Chlorotoluene	11.42	91	125805	20.470	ug/l	99
76) 1,3,5-Trimethylbenzene	11.51	105	151982	20.291	ug/l	100
77) t-1,4-Dichloro-2-butene	11.07	75	20539	18.246	ug/l	98
78) 4-Chlorotoluene	11.51	91	140933	20.190	ug/l	99
79) tert-butylbenzene	11.77	119	146624	20.250	ug/l	99
80) 1,2,4-Trimethylbenzene	11.80	105	151635	20.199	ug/l	100
81) sec-Butylbenzene	11.94	105	172438	20.045	ug/l	100
82) p-Isopropyltoluene	12.06	119	155065	19.816	ug/l	100
83) 1,3-Dichlorobenzene	12.02	146	76930	19.718	ug/l	99
84) 1,4-Dichlorobenzene	12.10	146	76349	19.642	ug/l	99
85) n-Butylbenzene	12.38	91	136384	19.047	ug/l	99
86) Hexachloroethane	12.59	117	25267	18.975	ug/l	95
87) 1,2-Dichlorobenzene	12.39	146	79167	20.158	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	13.00	75	14850	19.734	ug/l	98
89) 1,2,4-Trichlorobenzene	13.65	180	53798	19.219	ug/l	100
90) Hexachlorobutadiene	13.78	225	26988	19.301	ug/l	100
91) Naphthalene	13.83	128	187887	20.500	ug/l	100
92) 1,2,3-Trichlorobenzene	14.02	180	57560	20.228	ug/l	98

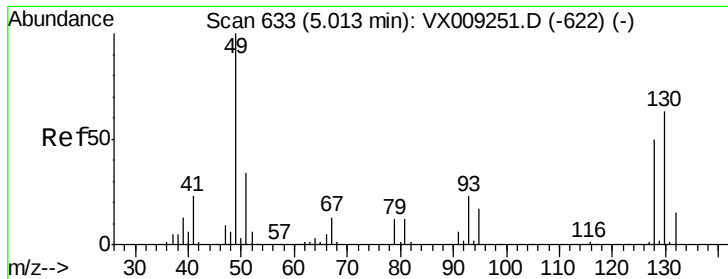
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QLast Update : Thu May 02 06:46:57 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.02 min Scan# 634

Delta R.T. 0.01 min

Lab File: VX009306.D

Acq: 03 May 2019 12:43

Instrument :

MSVOA_X

ClientSampled :

VX0503WBSD01

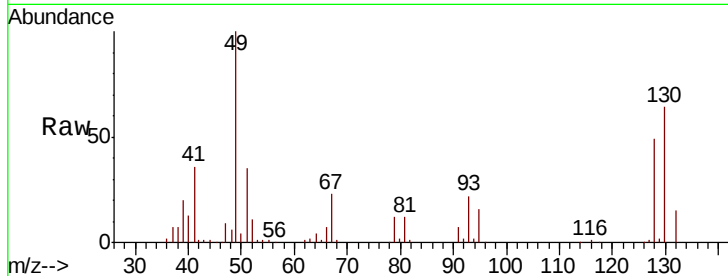
Tot Ion:128 Resp: 30098

Ion Ratio Lower Upper

128 100

49 202.1 0.0 515.0

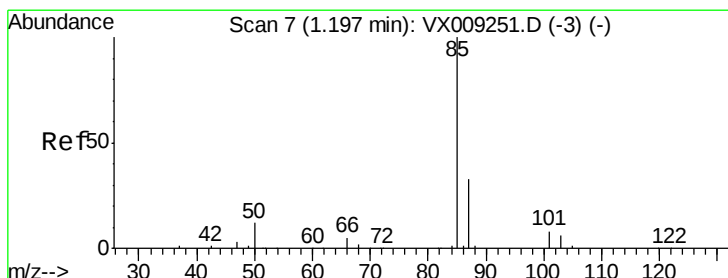
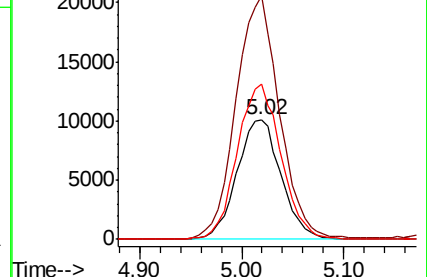
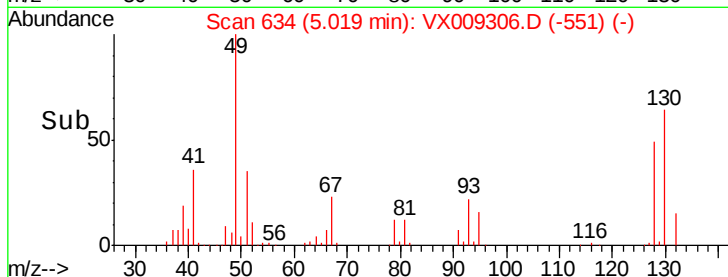
130 129.6 0.0 323.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 19.511 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX009306.D

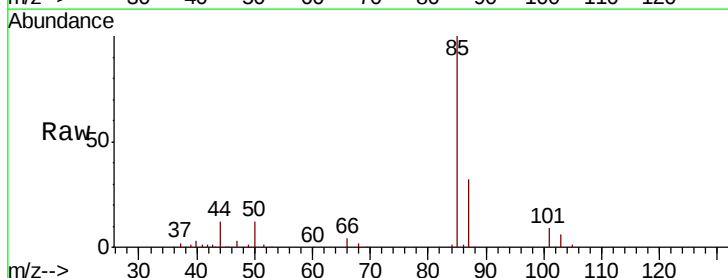
Acq: 03 May 2019 12:43

Tgt Ion: 85 Resp: 31204

Ion Ratio Lower Upper

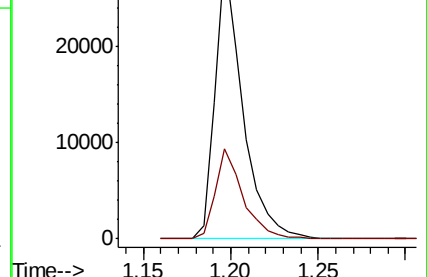
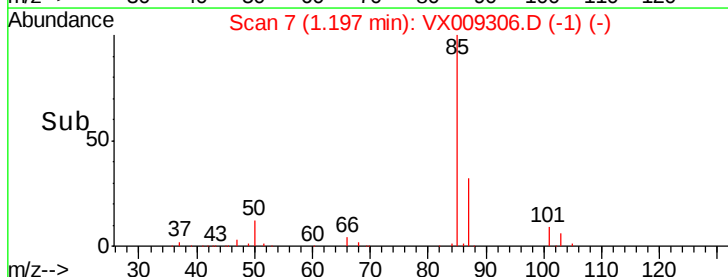
85 100

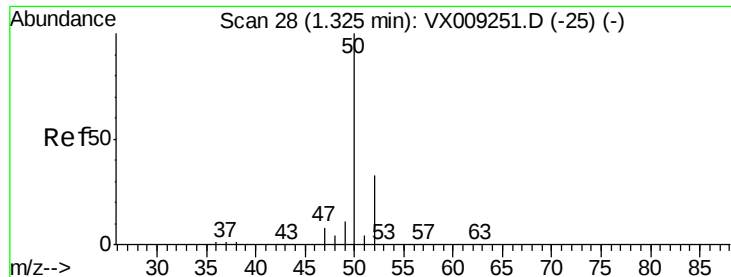
87 31.9 16.3 48.9



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#3

Chloromethane

Concen: 20.456 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX009306.D

Acq: 03 May 2019 12:43

Instrument :

MSVOA_X

ClientSampleId :

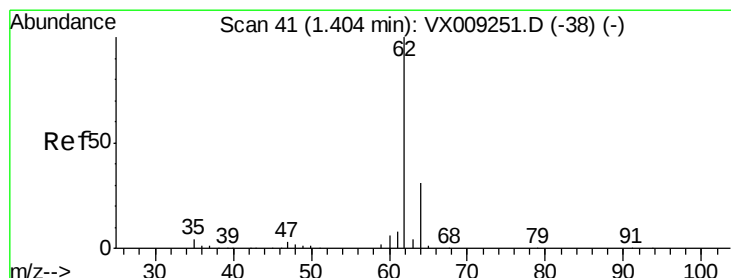
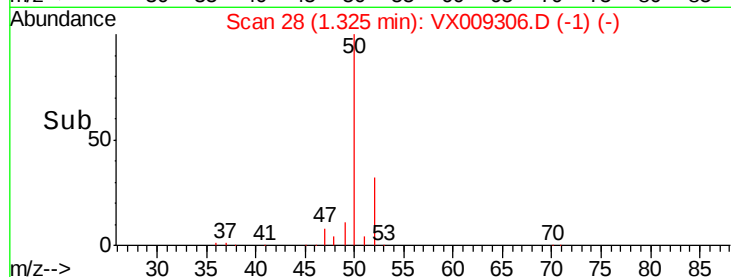
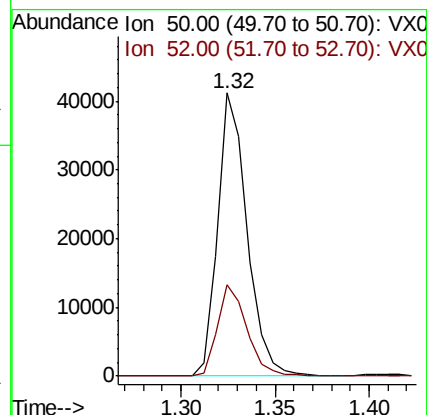
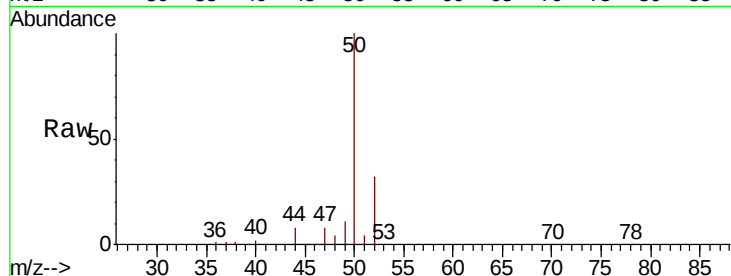
VX0503WBSD01

Tot Ion: 50 Resp: 43975

Ion Ratio Lower Upper

50 100

52 32.2 26.3 39.5



#4

Vinyl Chloride

Concen: 20.189 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.01 min

Lab File: VX009306.D

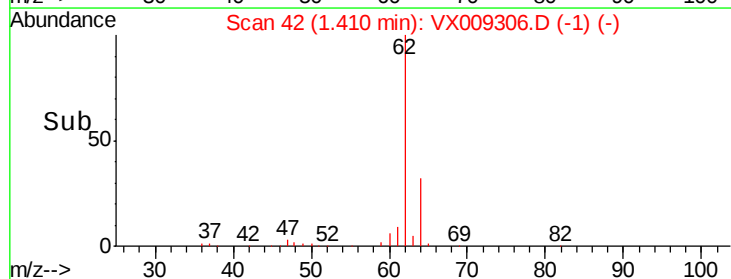
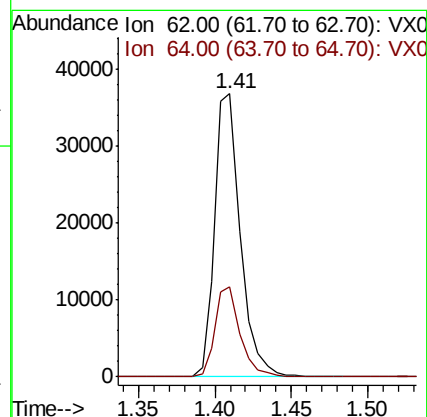
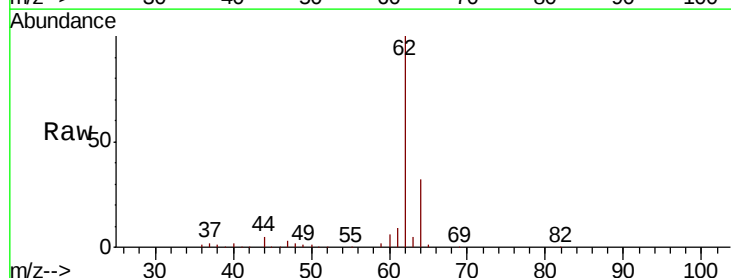
Acq: 03 May 2019 12:43

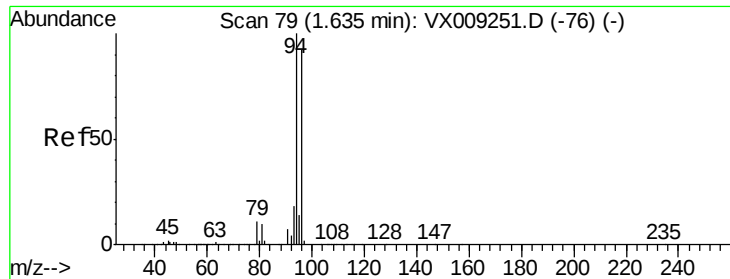
Tgt Ion: 62 Resp: 43296

Ion Ratio Lower Upper

62 100

64 31.7 24.6 36.8





#5

Bromomethane

Concen: 18.219 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX009306.D

Acq: 03 May 2019 12:43

Instrument :

MSVOA_X

ClientSampleId :

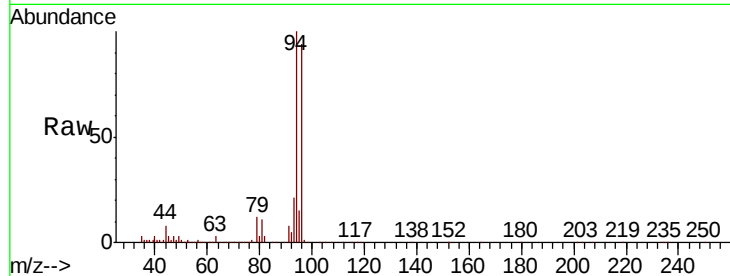
VX0503WBSD01

Tot Ion: 94 Resp: 24767

Ion Ratio Lower Upper

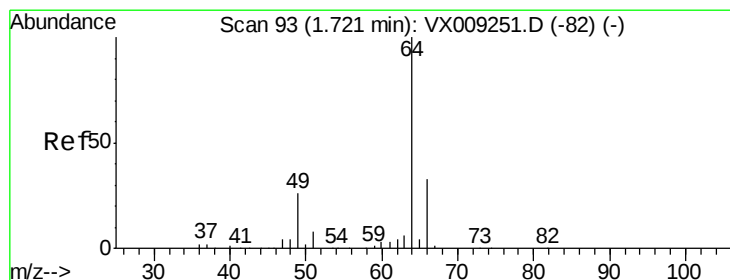
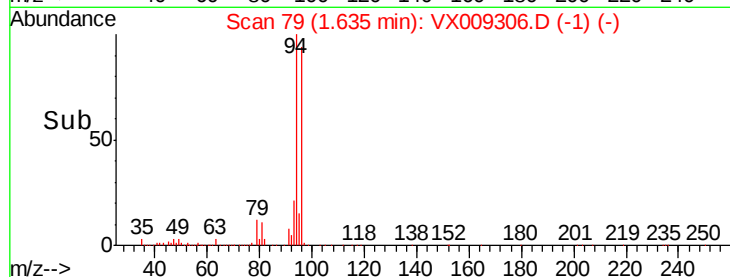
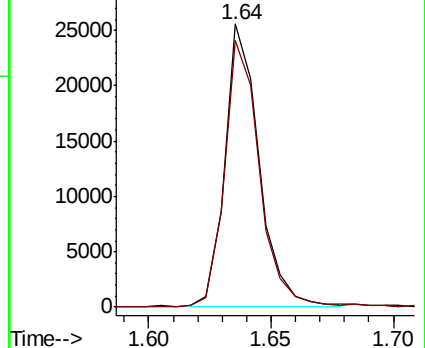
94 100

96 94.2 73.5 110.3



Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0



#6

Chloroethane

Concen: 19.525 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.00 min

Lab File: VX009306.D

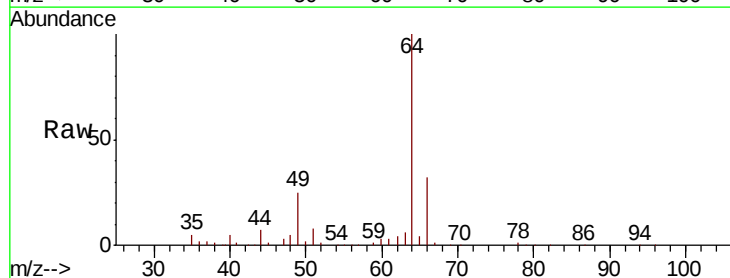
Acq: 03 May 2019 12:43

Tgt Ion: 64 Resp: 27461

Ion Ratio Lower Upper

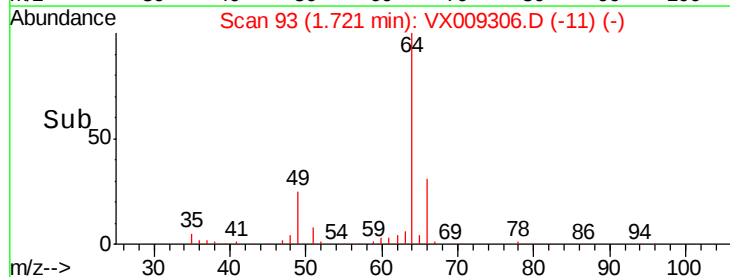
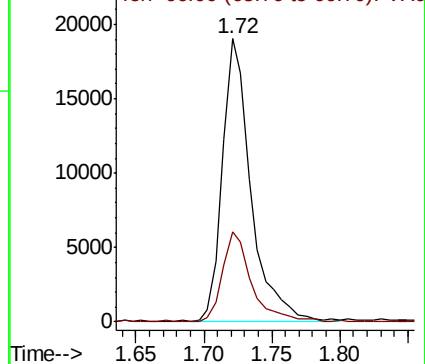
64 100

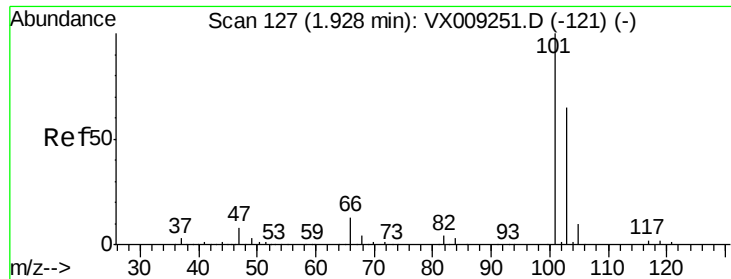
66 31.9 25.9 38.9



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0



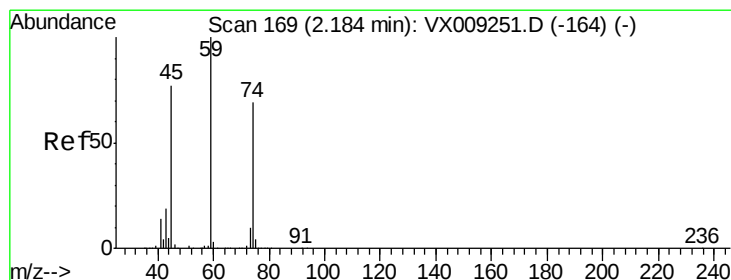
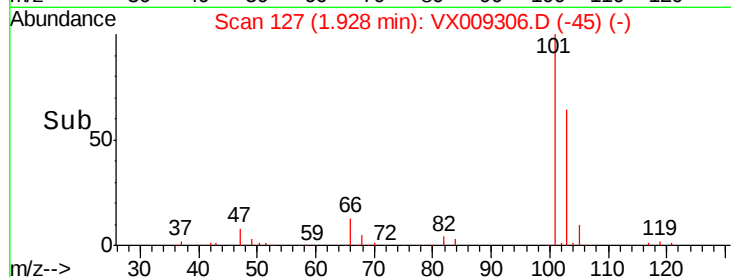
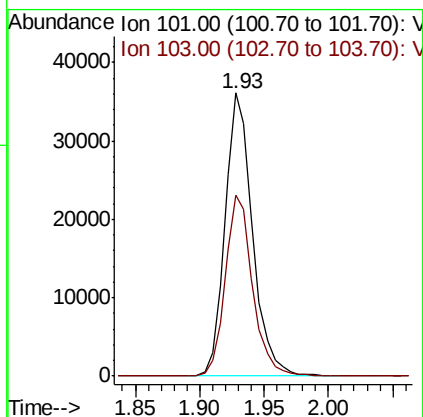
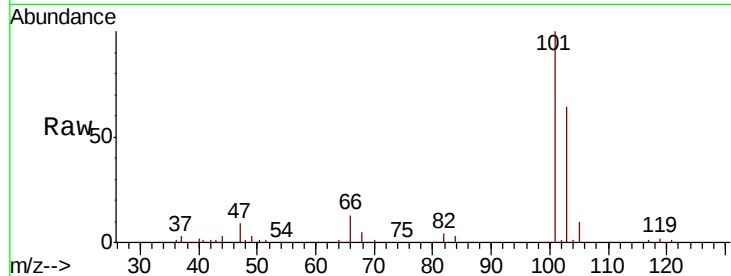


#7

Trichlorofluoromethane
 Concen: 20.428 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.00 min
 Lab File: VX009306.D
 Acq: 03 May 2019 12:43

Instrument :
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 VX0503WBSD01

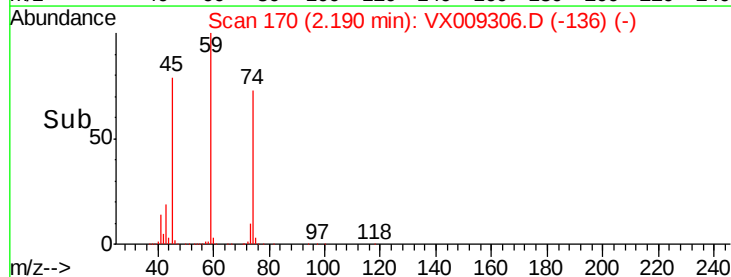
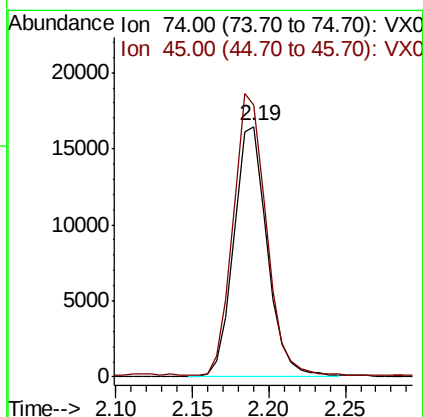
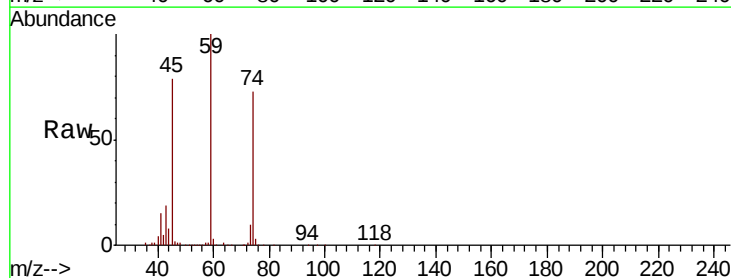
Tot Ion:101 Resp: 54096
 Ion Ratio Lower Upper
 101 100
 103 64.0 51.9 77.9

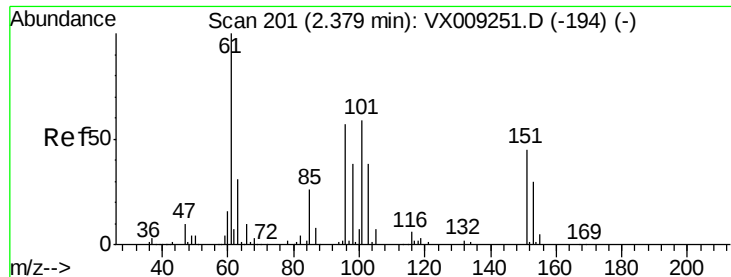


#8

Diethyl Ether
 Concen: 20.276 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.01 min
 Lab File: VX009306.D
 Acq: 03 May 2019 12:43

Tgt Ion: 74 Resp: 24932
 Ion Ratio Lower Upper
 74 100
 45 111.3 21.5 193.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.563 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX009306.D

Acq: 03 May 2019 12:43

Instrument :

MSVOA_X

ClientSampleId :

VX0503WBSD01

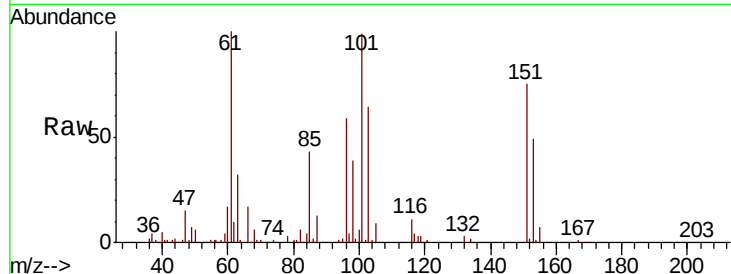
Tot Ion:101 Resp: 33715

Ion Ratio Lower Upper

101 100

85 43.4 0.0 87.4

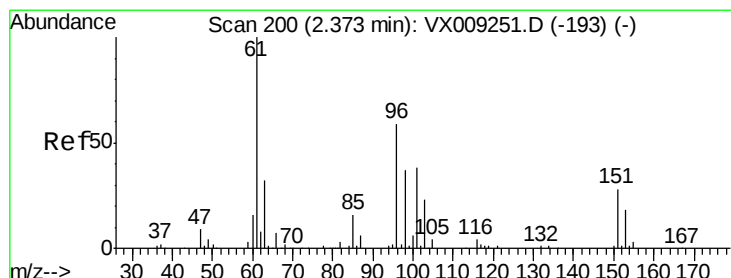
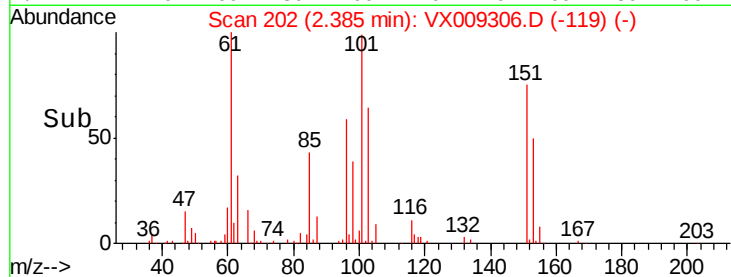
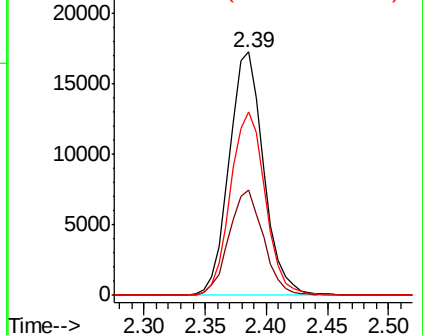
151 76.1 0.0 157.0



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VX0

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 20.101 ug/l

RT: 2.37 min Scan# 200

Delta R.T. 0.00 min

Lab File: VX009306.D

Acq: 03 May 2019 12:43

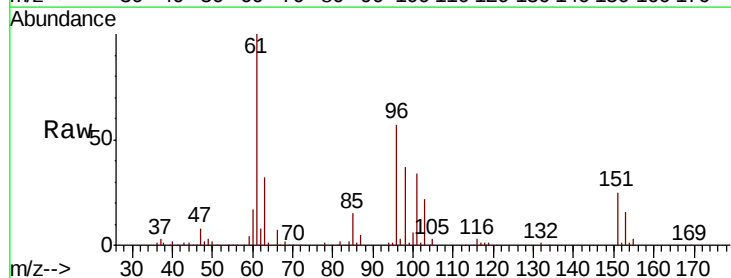
Tgt Ion: 96 Resp: 33092

Ion Ratio Lower Upper

96 100

61 175.4 136.5 204.7

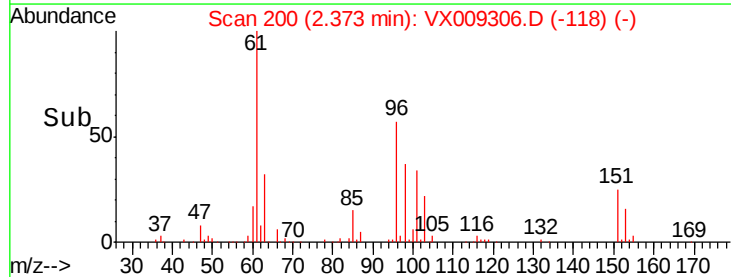
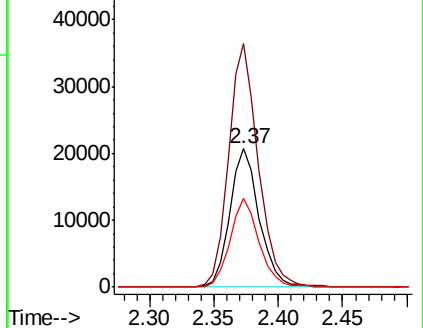
98 64.2 51.0 76.4

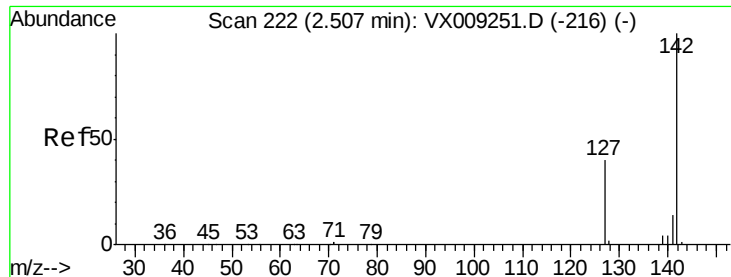


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

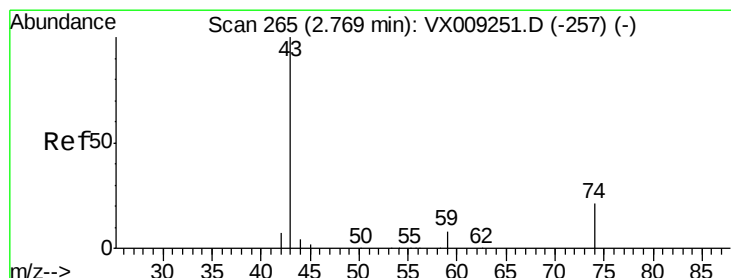
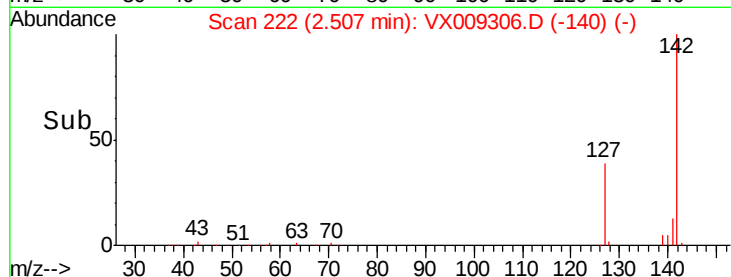
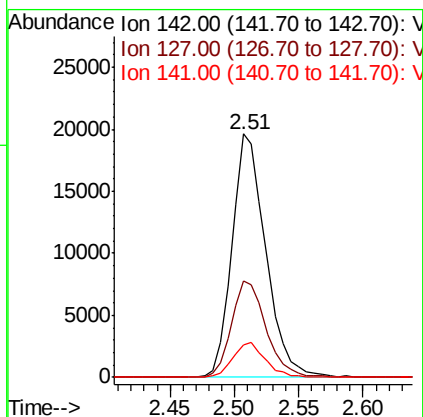
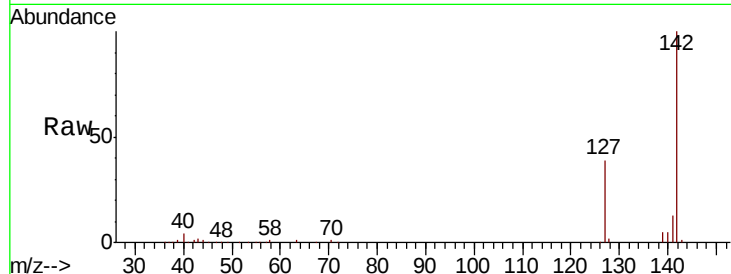




#11
Methvl Iodide
Concen: 19.933 ug/l
RT: 2.51 min Scan# 222
Delta R.T. 0.00 min
Lab File: VX009306.D
Acq: 03 May 2019 12:43

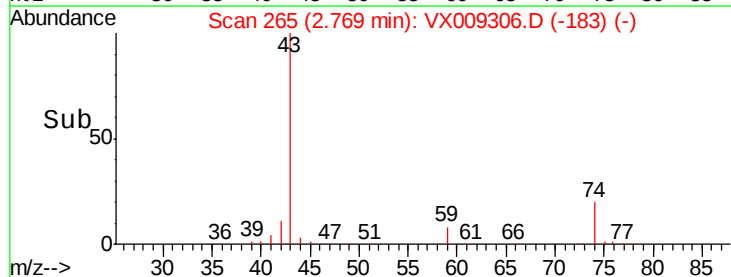
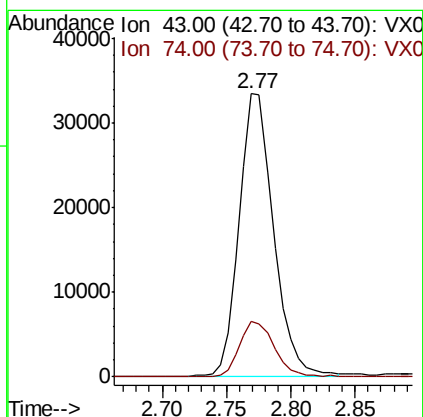
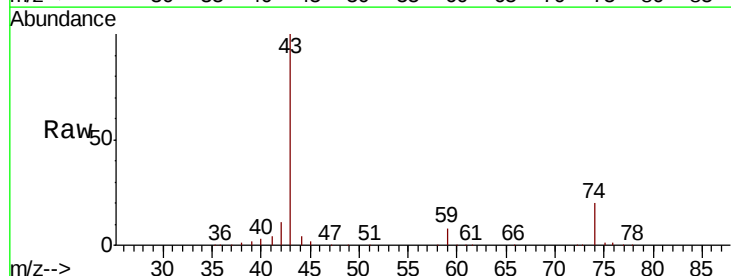
Instrument :
MSVOA_X
ClientSampleId :
VX0503WBSD01

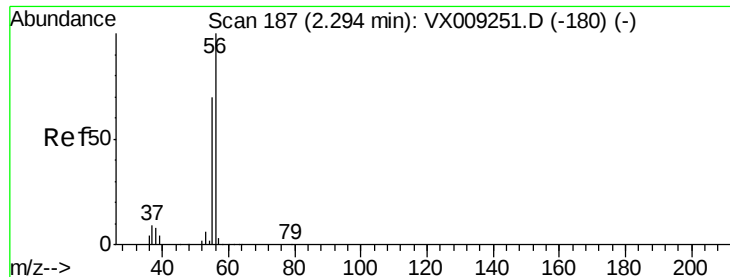
Tot Ion:142 Resp: 35673
Ion Ratio Lower Upper
142 100
127 39.4 20.2 60.5
141 13.2 6.9 20.7



#12
Methyl Acetate
Concen: 19.826 ug/l
RT: 2.77 min Scan# 265
Delta R.T. 0.00 min
Lab File: VX009306.D
Acq: 03 May 2019 12:43

Tgt Ion: 43 Resp: 61477
Ion Ratio Lower Upper
43 100
74 19.5 16.5 24.7





#13

Acrolein

Concen: 95.240 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX009306.D

Acq: 03 May 2019 12:43

Instrument :

MSVOA_X

ClientSampleId :

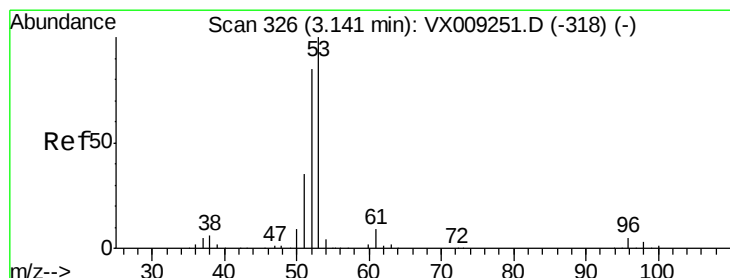
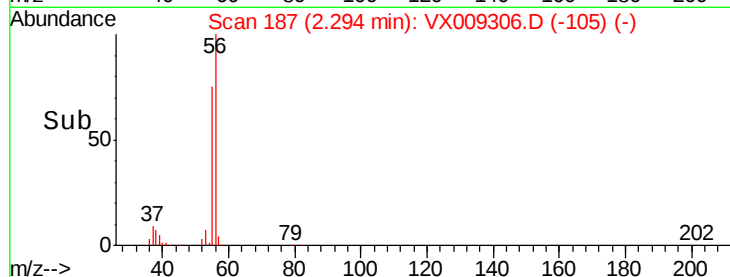
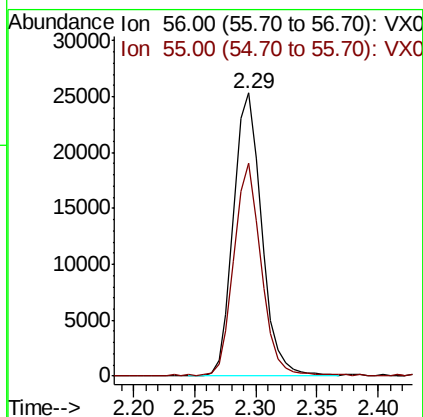
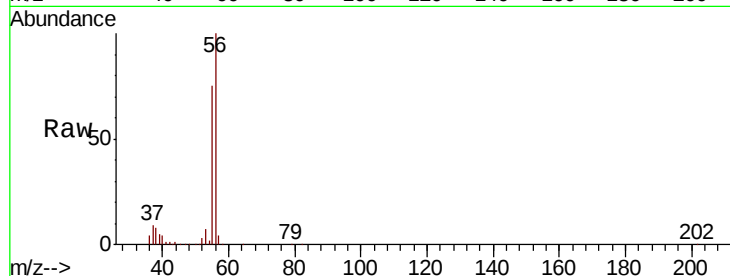
VX0503WBSD01

Tot Ion: 56 Resp: 40505

Ion Ratio Lower Upper

56 100

55 72.1 56.9 85.3



#14

Acrylonitrile

Concen: 101.699 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX009306.D

Acq: 03 May 2019 12:43

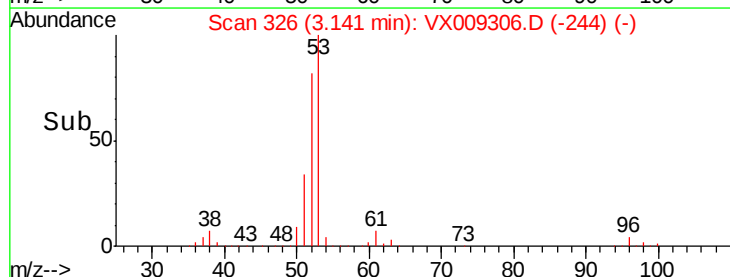
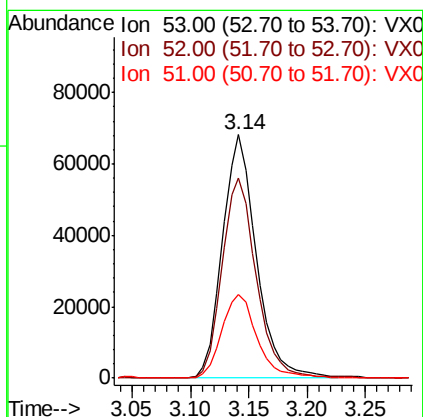
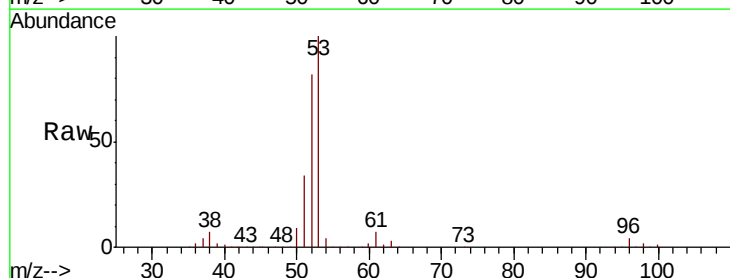
Tgt Ion: 53 Resp: 136856

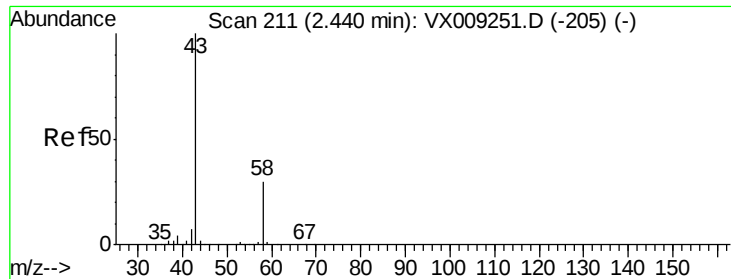
Ion Ratio Lower Upper

53 100

52 82.8 41.5 124.5

51 36.3 17.8 53.3





#15

Acetone

Concen: 99.496 ug/l

RT: 2.44 min Scan# 211

Delta R.T. 0.00 min

Lab File: VX009306.D

Acq: 03 May 2019 12:43

Instrument :

MSVOA_X

ClientSampleId :

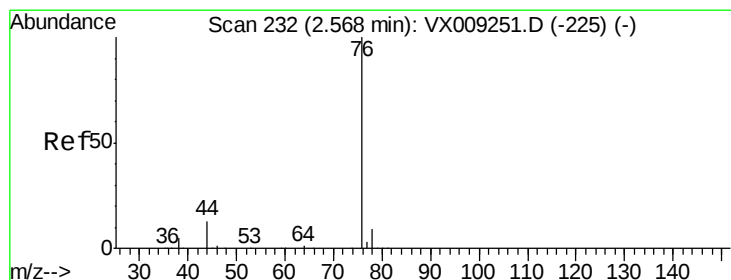
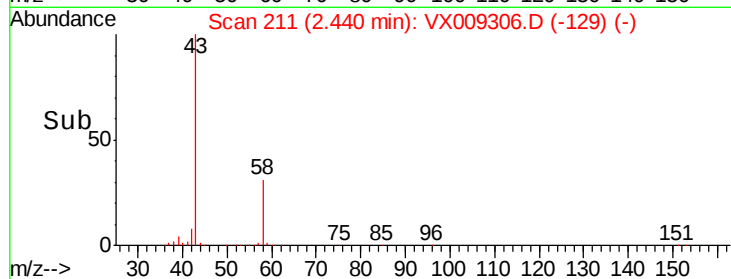
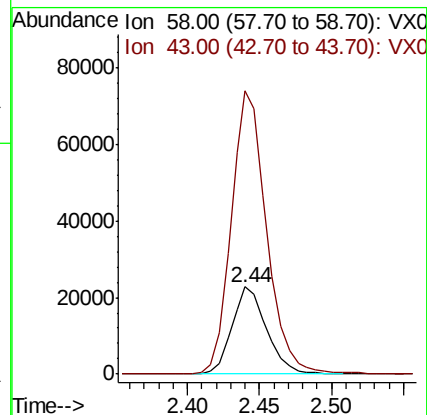
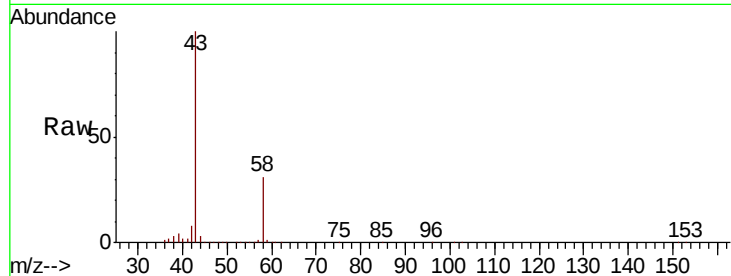
VX0503WBSD01

Tot Ion: 58 Resp: 38442

Ion Ratio Lower Upper

58 100

43 324.5 264.0 396.0



#16

Carbon Disulfide

Concen: 19.407 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX009306.D

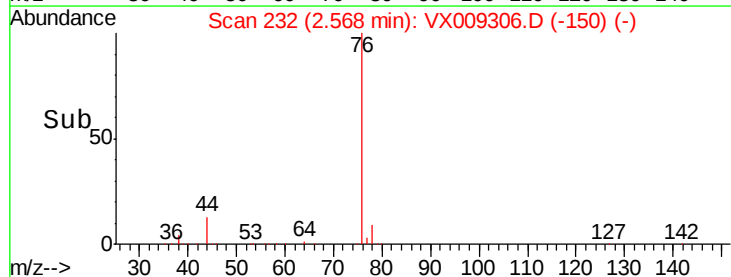
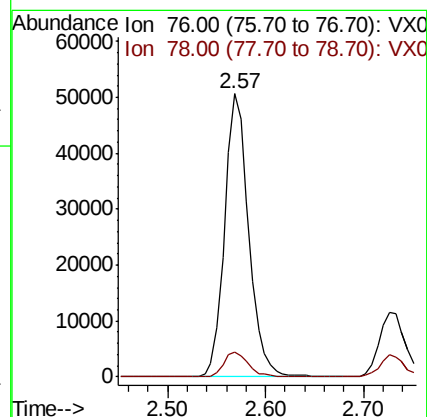
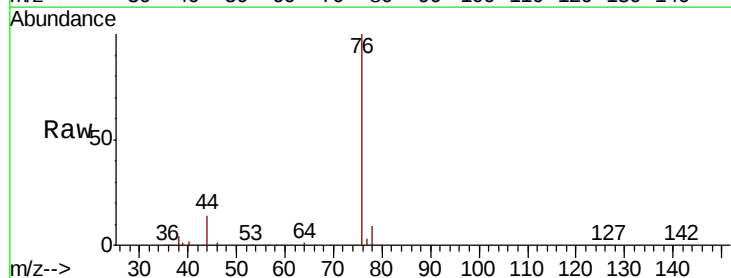
Acq: 03 May 2019 12:43

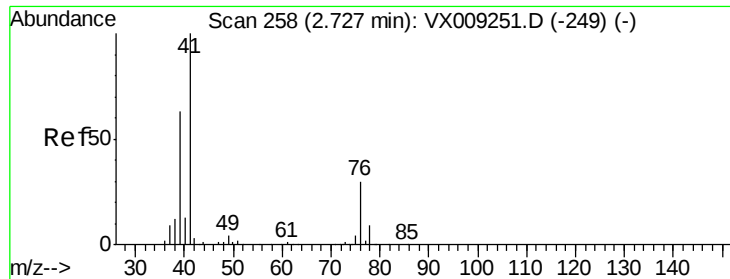
Tgt Ion: 76 Resp: 86443

Ion Ratio Lower Upper

76 100

78 8.9 7.4 11.2

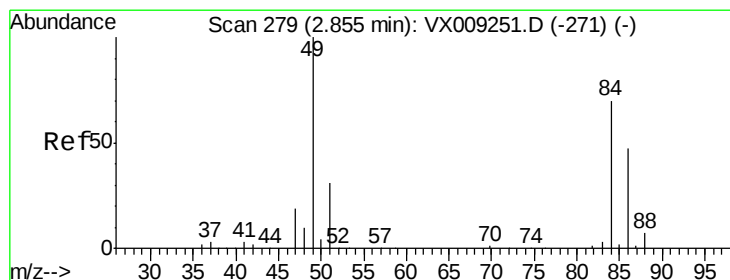
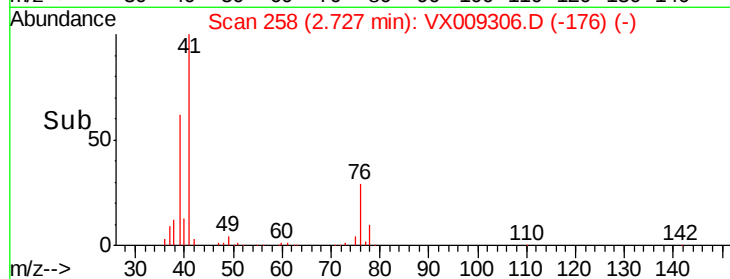
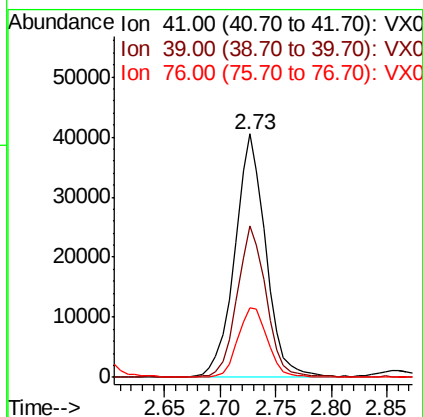
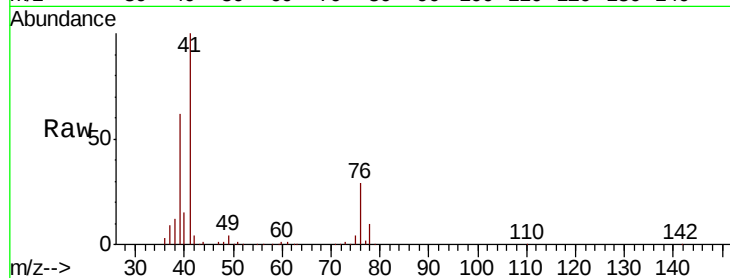




#17
Allvl chloride
Concen: 19.636 ug/l
RT: 2.73 min Scan# 258
Delta R.T. 0.00 min
Lab File: VX009306.D
Acq: 03 May 2019 12:43

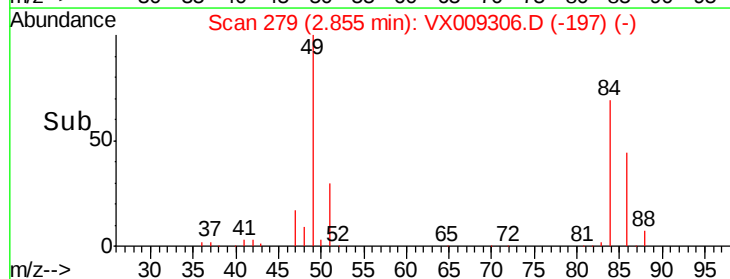
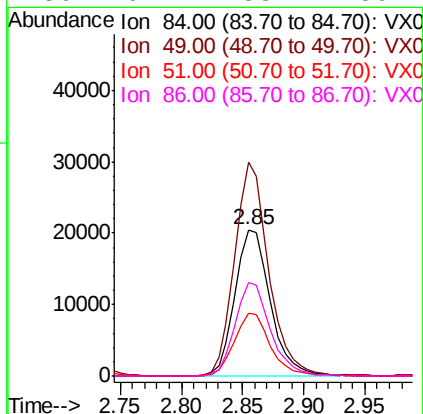
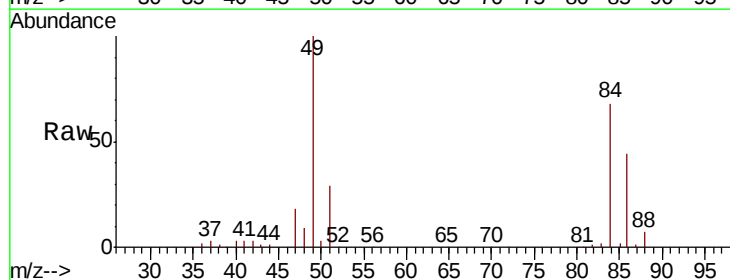
Instrument :
MSVOA_X
ClientSampleId :
VX0503WBSD01

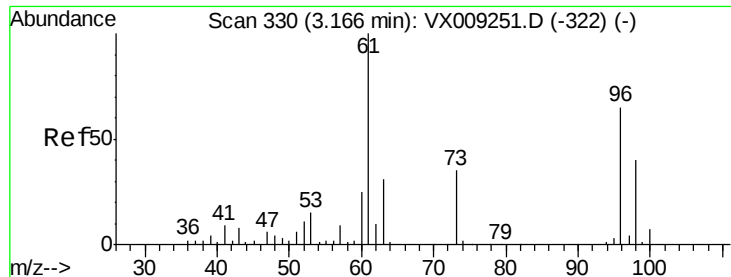
Tot Ion: 41 Resp: 77607
Ion Ratio Lower Upper
41 100
39 61.9 31.6 94.7
76 28.5 15.1 45.3



#18
Methylene Chloride
Concen: 20.584 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX009306.D
Acq: 03 May 2019 12:43

Tgt Ion: 84 Resp: 40954
Ion Ratio Lower Upper
84 100
49 146.3 114.6 171.8
51 43.1 35.5 53.3
86 64.2 53.4 80.2

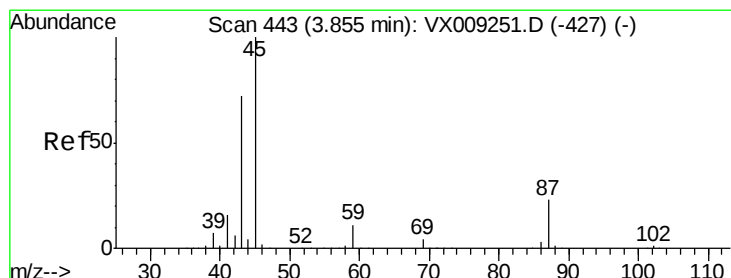
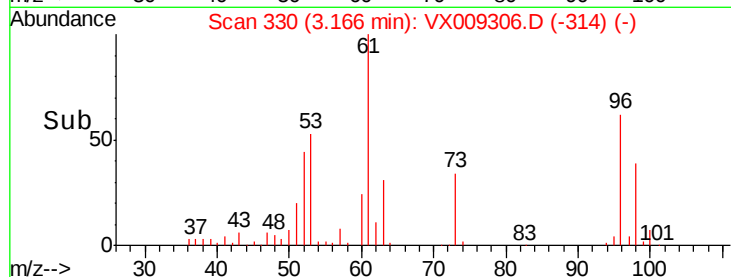
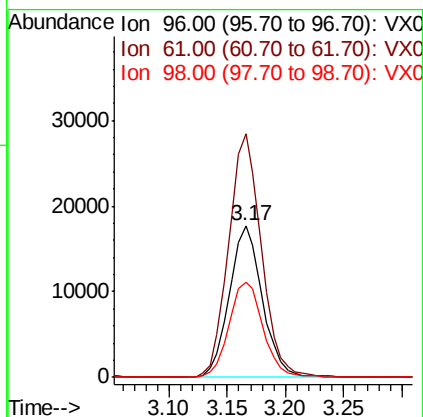
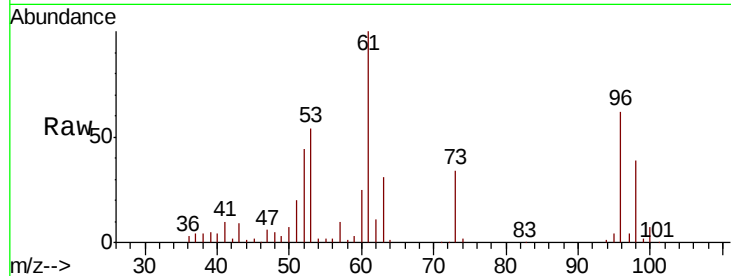




#19
trans-1,2-Dichloroethene
Concen: 19.932 ug/l
RT: 3.17 min Scan# 330
Delta R.T. 0.00 min
Lab File: VX009306.D
Acq: 03 May 2019 12:43

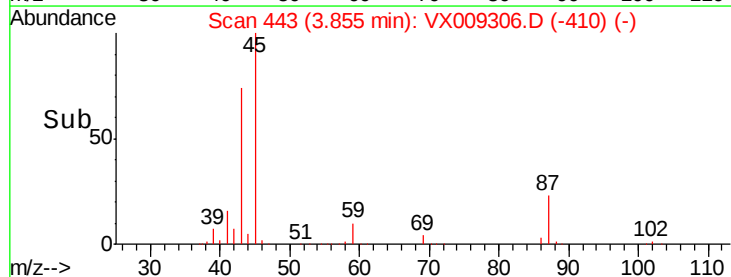
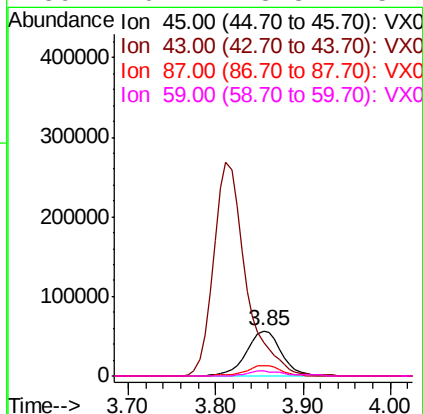
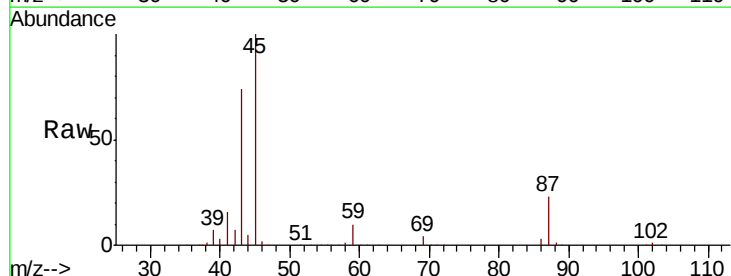
Instrument :
MSVOA_X
ClientSampleId :
VX0503WBSD01

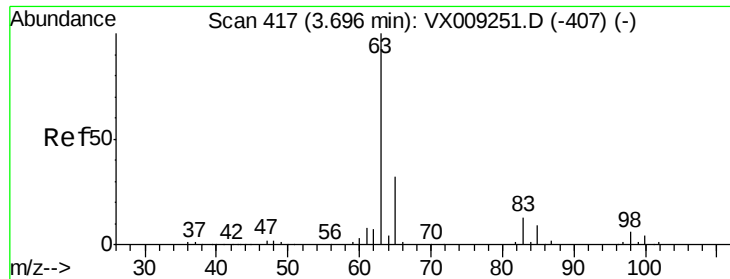
Tot Ion: 96 Resp: 34986
Ion Ratio Lower Upper
96 100
61 160.1 122.7 184.1
98 62.9 49.5 74.3



#20
Diisopropyl ether
Concen: 20.159 ug/l
RT: 3.85 min Scan# 443
Delta R.T. 0.00 min
Lab File: VX009306.D
Acq: 03 May 2019 12:43

Tgt Ion: 45 Resp: 156899
Ion Ratio Lower Upper
45 100
43 73.2 57.7 86.5
87 22.8 18.5 27.7
59 10.2 8.8 13.2





#21

1,1-Dichloroethane

Concen: 20.151 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX009306.D

Acq: 03 May 2019 12:43

Instrument :

MSVOA_X

ClientSampleId :

VX0503WBSD01

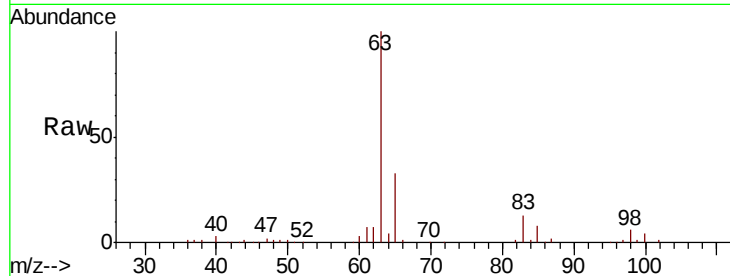
Tot Ion: 63 Resp: 75900

Ion Ratio Lower Upper

63 100

98 6.0 3.1 9.3

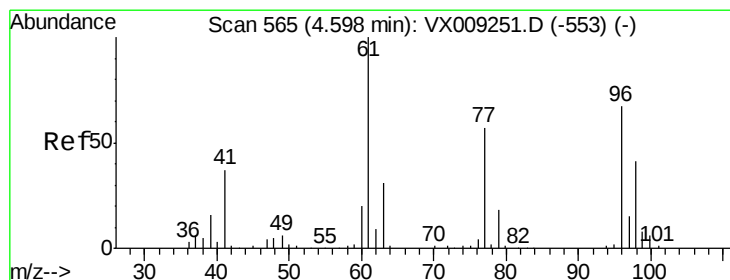
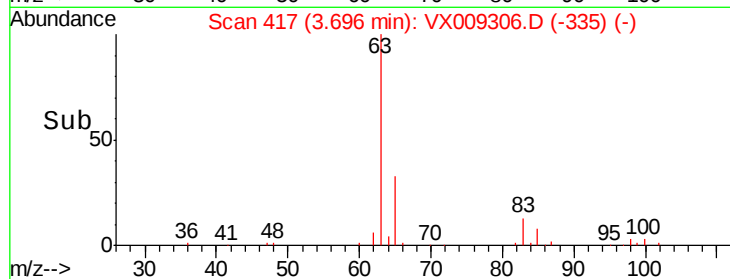
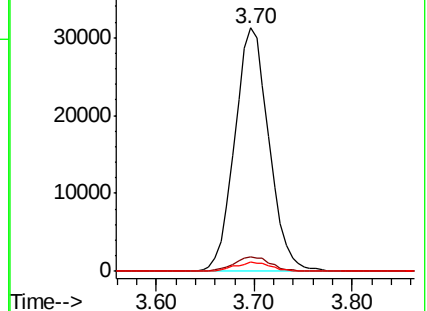
100 4.1 2.2 6.6



Abundance Ion 63.00 (62.70 to 63.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0



#22

cis-1,2-Dichloroethene

Concen: 19.968 ug/l

RT: 4.60 min Scan# 565

Delta R.T. 0.00 min

Lab File: VX009306.D

Acq: 03 May 2019 12:43

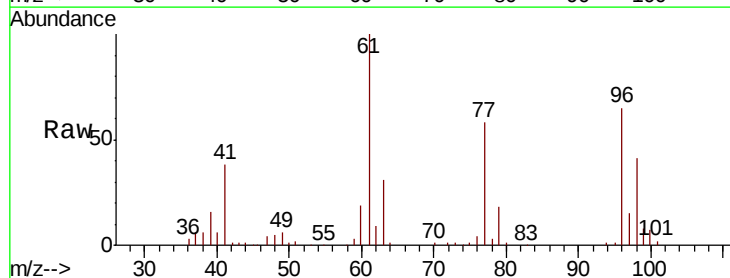
Tgt Ion: 96 Resp: 42218

Ion Ratio Lower Upper

96 100

61 161.0 127.7 191.5

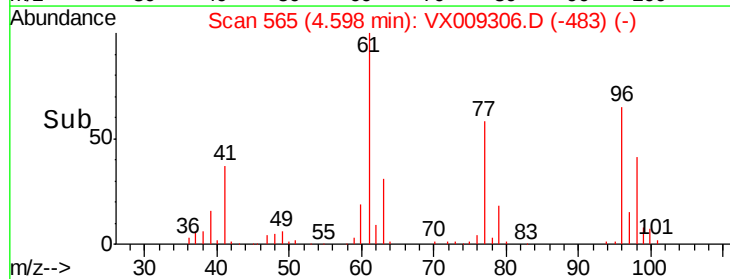
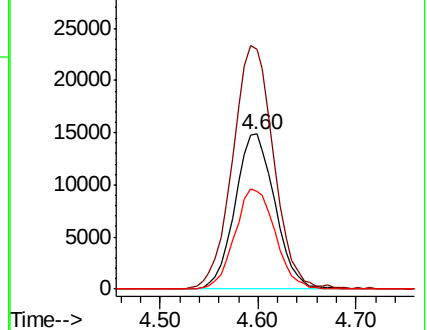
98 65.3 50.5 75.7

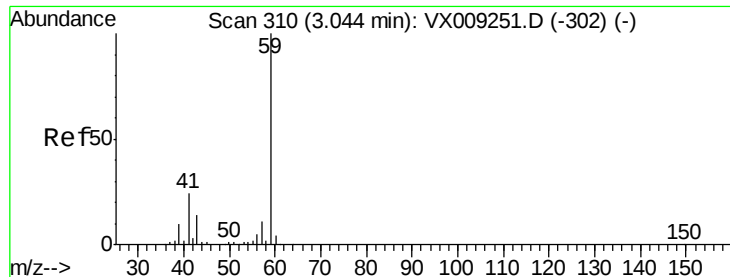


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#23

tert-Butyl Alcohol

Concen: 98.185 ug/l

RT: 3.04 min Scan# 310

Delta R.T. 0.00 min

Lab File: VX009306.D

Acq: 03 May 2019 12:43

Instrument :

MSVOA_X

ClientSampleId :

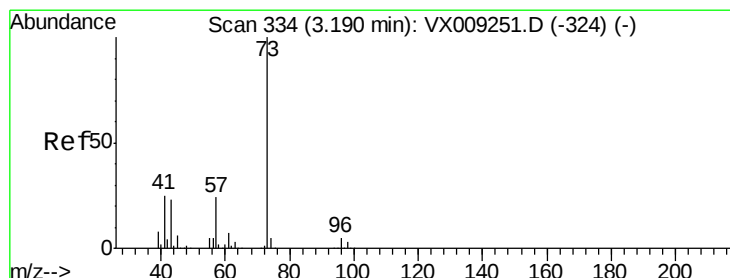
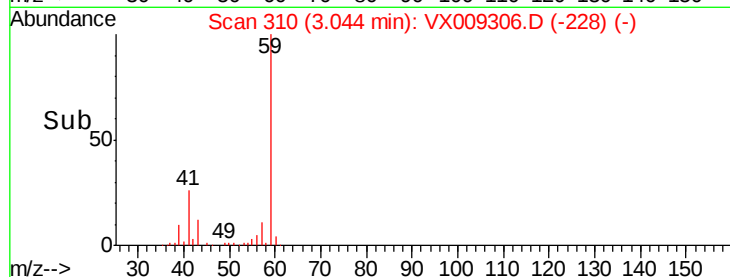
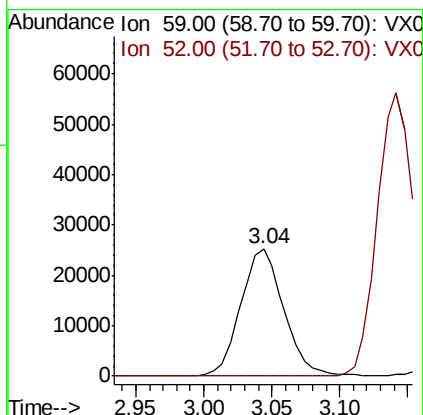
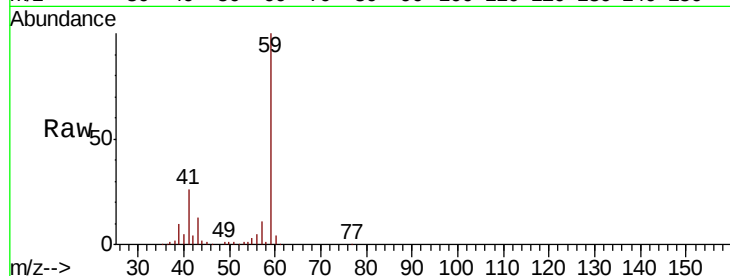
VX0503WBSD01

Tot Ion: 59 Resp: 55869

Ion Ratio Lower Upper

59 100

52 0.4 0.2 0.2#



#24

Methyl tert-Butyl Ether

Concen: 20.116 ug/l

RT: 3.19 min Scan# 334

Delta R.T. 0.00 min

Lab File: VX009306.D

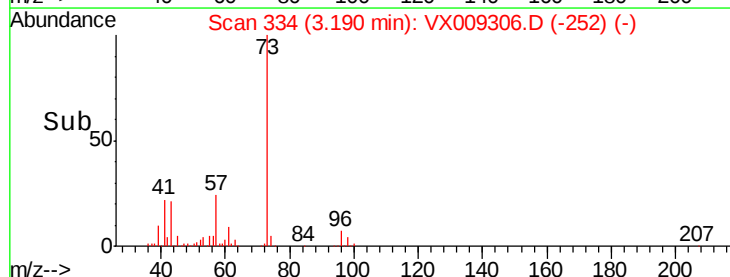
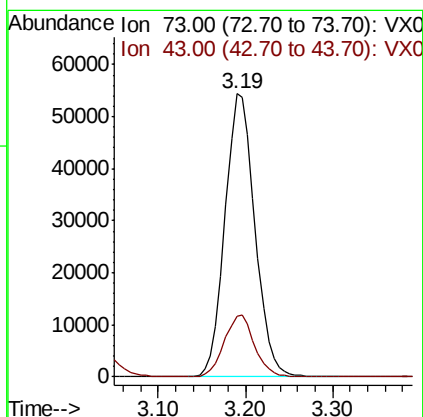
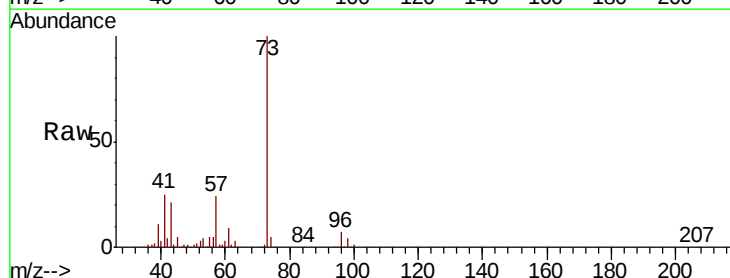
Acq: 03 May 2019 12:43

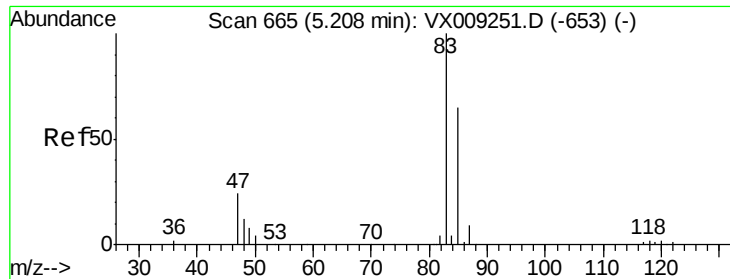
Tgt Ion: 73 Resp: 129599

Ion Ratio Lower Upper

73 100

43 21.7 17.6 26.4

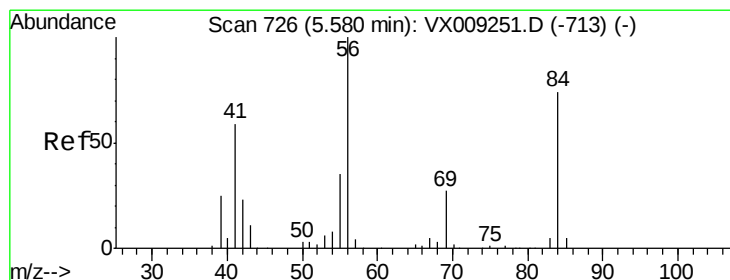
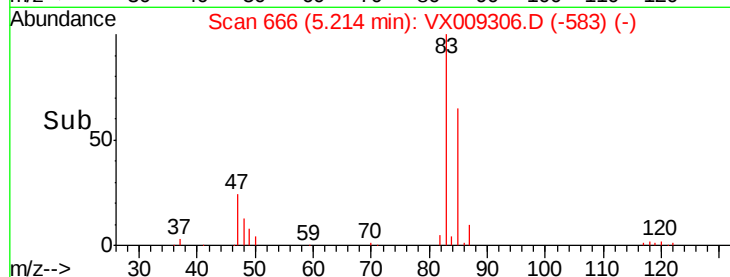
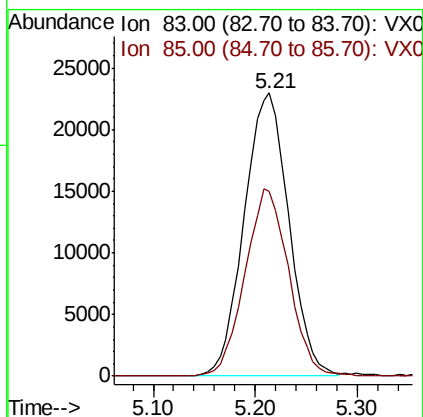
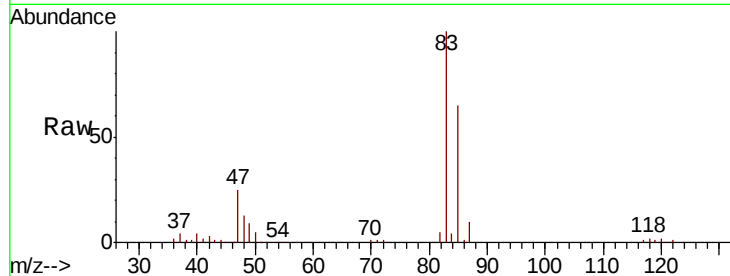




#25
Chloroform
Concen: 20.361 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.01 min
Lab File: VX009306.D
Acq: 03 May 2019 12:43

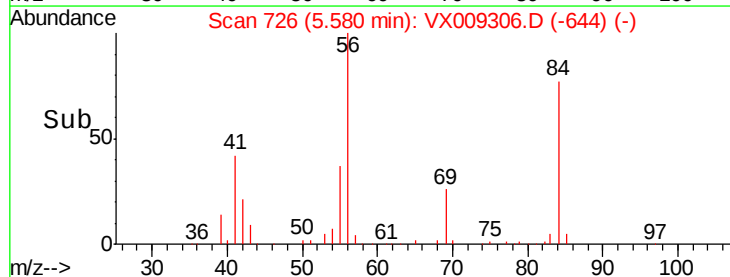
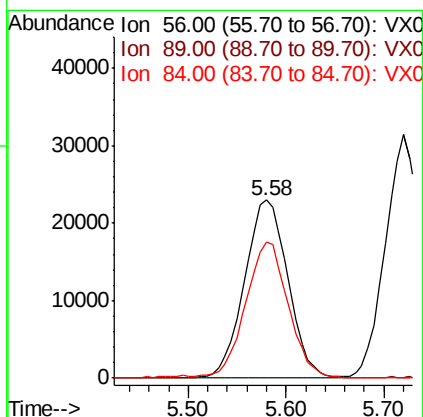
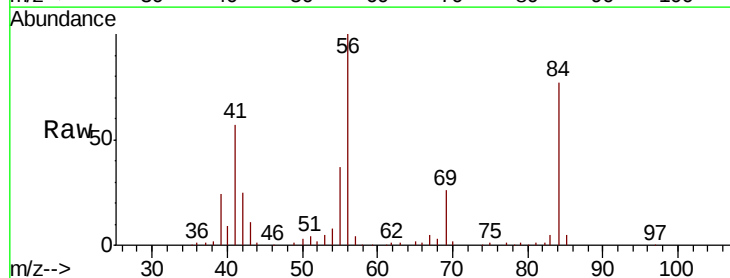
Instrument :
MSVOA_X
ClientSampleId :
VX0503WBSD01

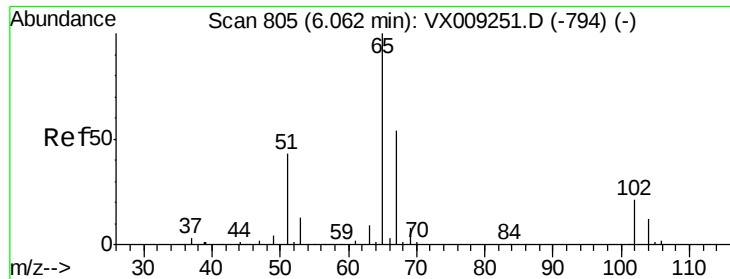
Tot Ion: 83 Resp: 69985
Ion Ratio Lower Upper
83 100
85 65.4 51.9 77.9



#26
Cyclohexane
Concen: 20.209 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.00 min
Lab File: VX009306.D
Acq: 03 May 2019 12:43

Tgt Ion: 56 Resp: 70943
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 73.5 59.7 89.5





#27

1,2-Dichloroethane-d4

Concen: 29.700 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX009306.D

Acq: 03 May 2019 12:43

Instrument :

MSVOA_X

ClientSampleId :

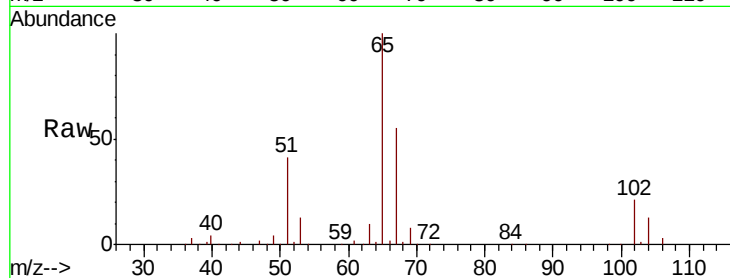
VX0503WBSD01

Tot Ion: 65 Resp: 74155

Ion Ratio Lower Upper

65 100

67 53.4 43.1 64.7



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

6.06

30000

25000

20000

15000

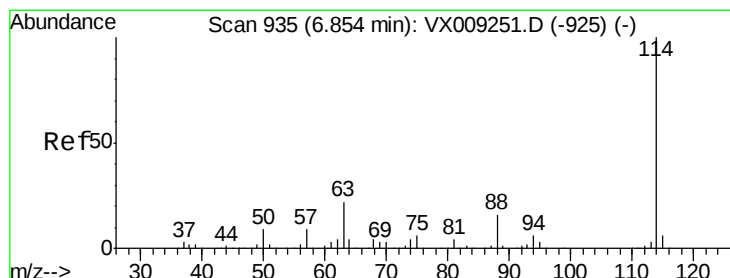
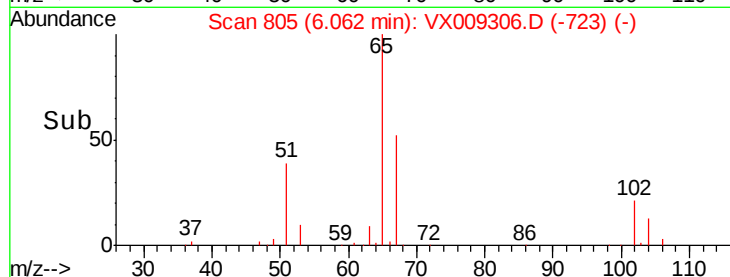
10000

5000

0

Time-->

6.00 6.10



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.01 min

Lab File: VX009306.D

Acq: 03 May 2019 12:43

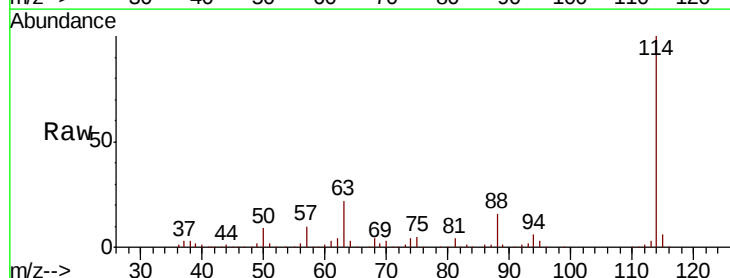
Tgt Ion: 114 Resp: 174162

Ion Ratio Lower Upper

114 100

63 22.8 18.0 27.0

88 16.4 13.4 20.0



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0

100000

80000

60000

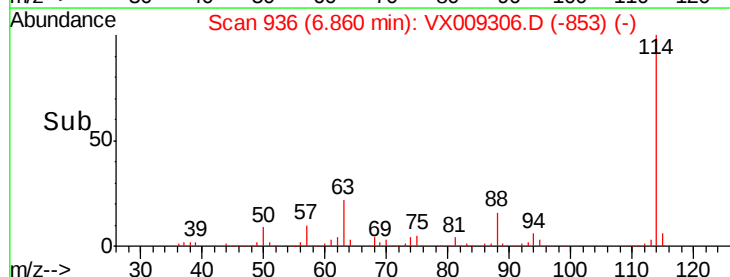
40000

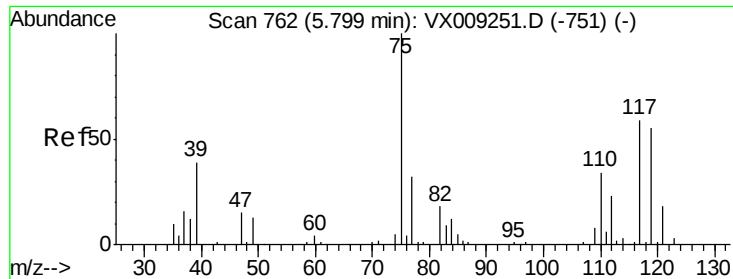
20000

0

Time-->

6.80 6.90

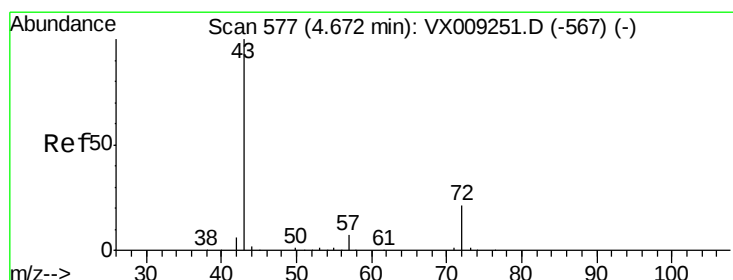
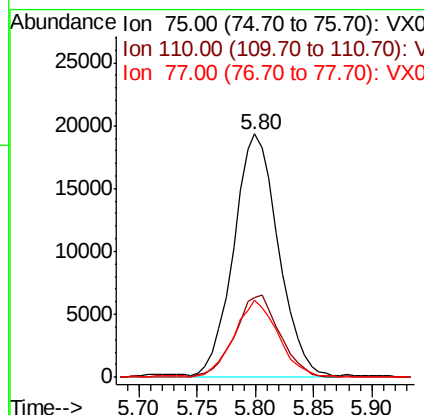
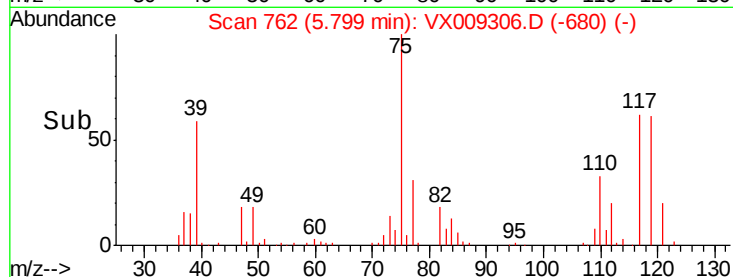
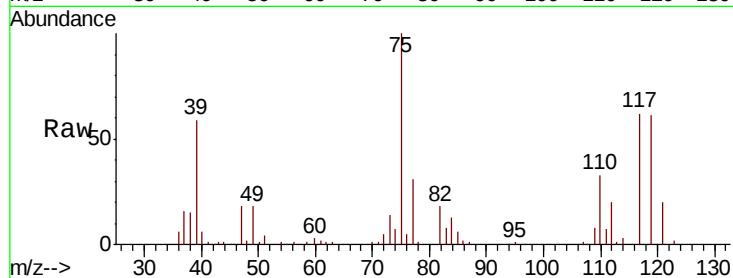




#29
 1,1-Dichloropropene
 Concen: 20.282 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: VX009306.D
 Acq: 03 May 2019 12:43

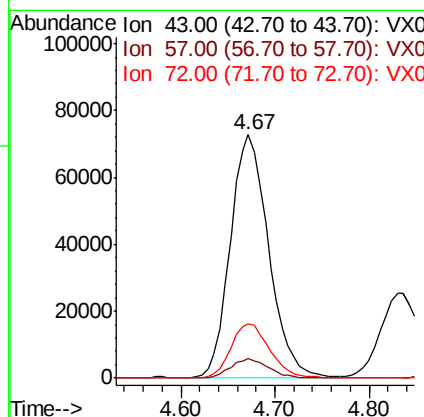
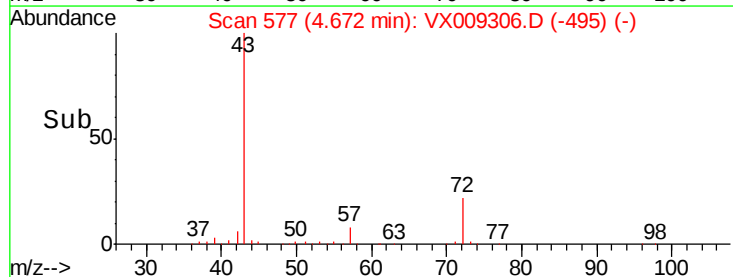
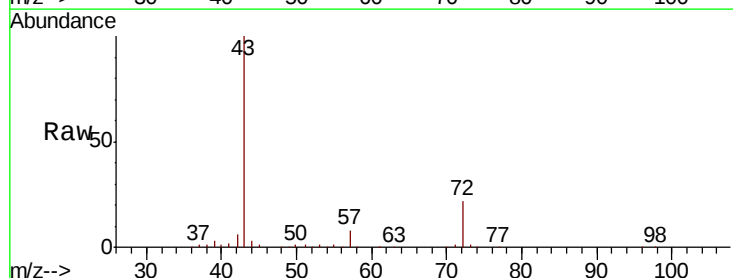
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0503WBSD01

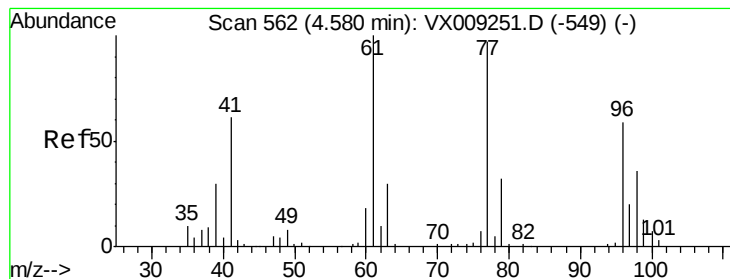
Tot Ion: 75 Resp: 51831
 Ion Ratio Lower Upper
 75 100
 110 33.7 0.0 66.4
 77 31.4 0.0 62.2



#30
 2-Butanone
 Concen: 102.719 ug/l
 RT: 4.67 min Scan# 577
 Delta R.T. 0.00 min
 Lab File: VX009306.D
 Acq: 03 May 2019 12:43

Tgt Ion: 43 Resp: 205578
 Ion Ratio Lower Upper
 43 100
 57 8.0 6.0 9.0
 72 22.8 18.2 27.4





#31

2,2-Dichloropropane

Concen: 19.206 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX009306.D

Acq: 03 May 2019 12:43

Instrument :

MSVOA_X

ClientSampleId :

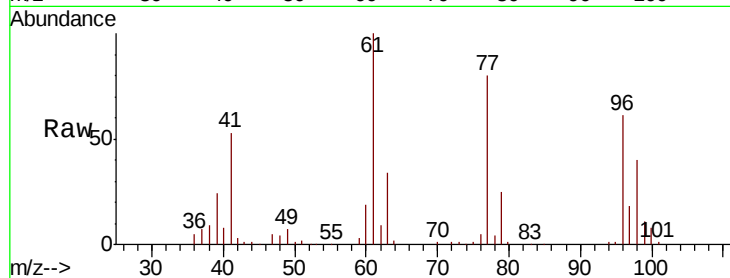
VX0503WBSD01

Tot Ion: 77 Resp: 54108

Ion Ratio Lower Upper

77 100

97 22.3 18.3 27.5



Abundance Ion 77.00 (76.70 to 77.70): VX0

Ion 97.00 (96.70 to 97.70): VX0

20000

15000

10000

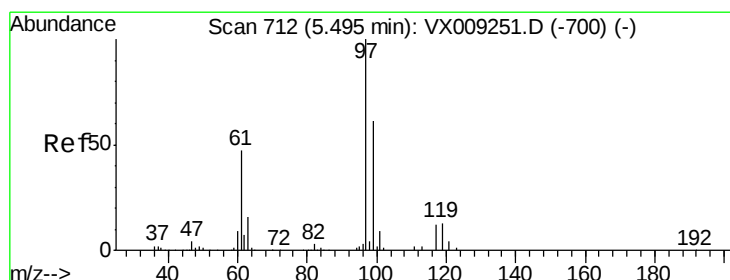
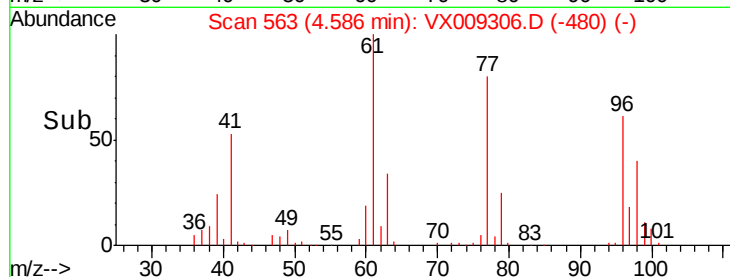
5000

0

Time-->

4.50 4.60 4.70

4.59



#32

1,1,1-Trichloroethane

Concen: 20.552 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX009306.D

Acq: 03 May 2019 12:43

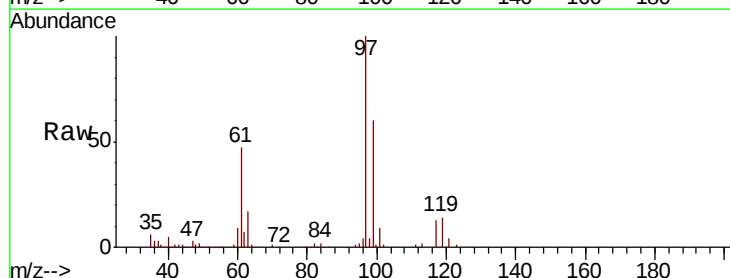
Tgt Ion: 97 Resp: 56937

Ion Ratio Lower Upper

97 100

99 64.5 53.9 80.9

61 47.6 38.6 58.0



Abundance Ion 97.00 (96.70 to 97.70): VX0

Ion 99.00 (98.70 to 99.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

25000

20000

15000

10000

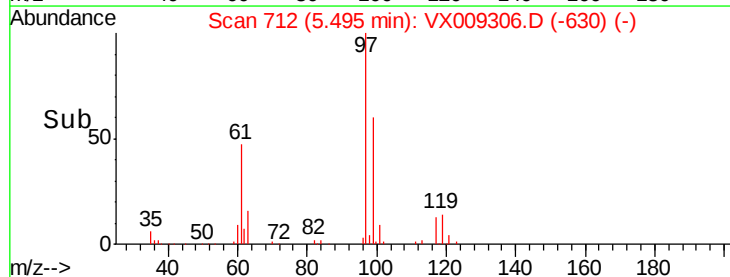
5000

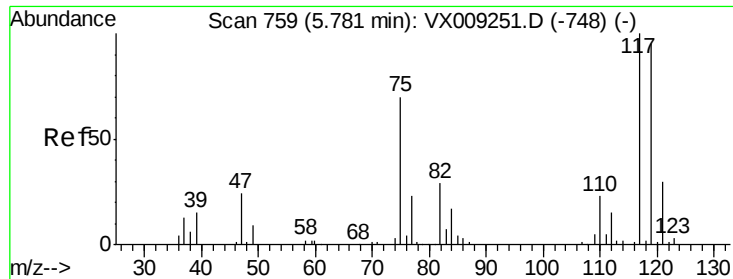
0

Time-->

5.40 5.50 5.60

5.49





#33

Carbon Tetrachloride

Concen: 20.258 ug/l

RT: 5.78 min Scan# 759

Delta R.T. 0.00 min

Lab File: VX009306.D

Acq: 03 May 2019 12:43

Instrument :

MSVOA_X

ClientSampleId :

VX0503WBSD01

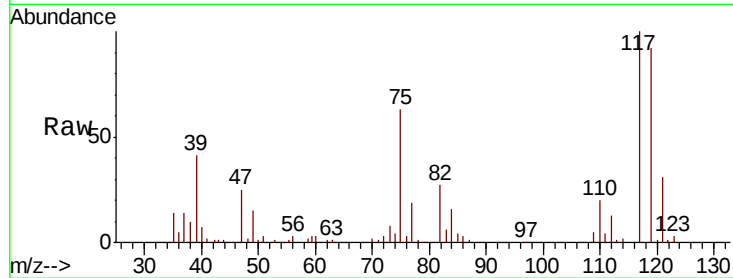
Tot Ion:117 Resp: 46957

Ion Ratio Lower Upper

117 100

119 91.8 76.1 114.1

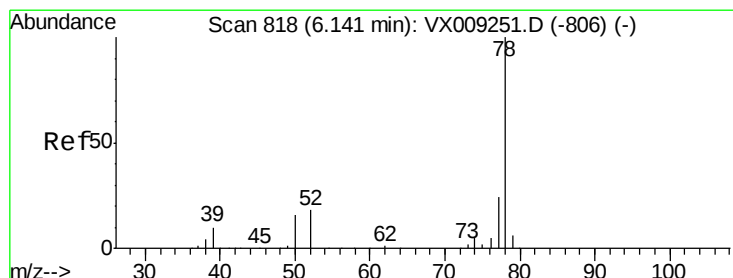
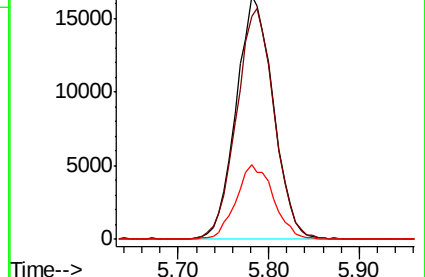
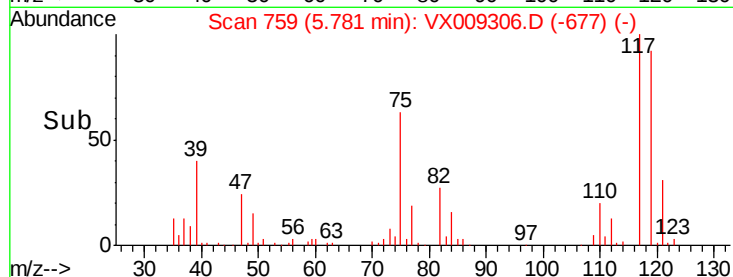
121 30.8 24.4 36.6



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#34

Benzene

Concen: 20.531 ug/l

RT: 6.15 min Scan# 819

Delta R.T. 0.01 min

Lab File: VX009306.D

Acq: 03 May 2019 12:43

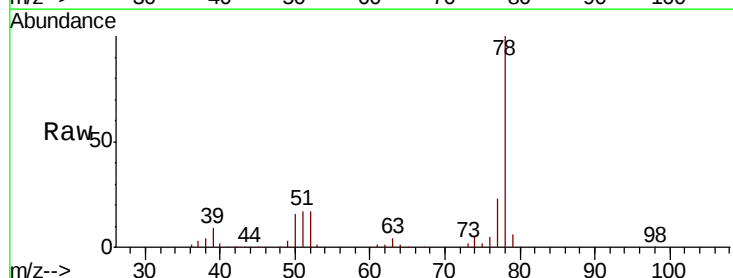
Tgt Ion: 78 Resp: 161759

Ion Ratio Lower Upper

78 100

77 23.3 18.8 28.2

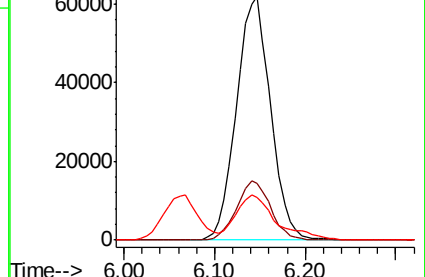
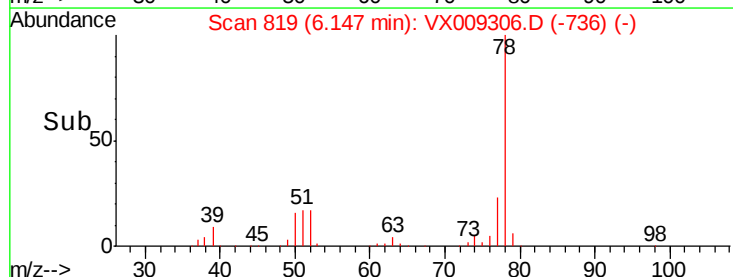
51 17.0 13.5 20.3

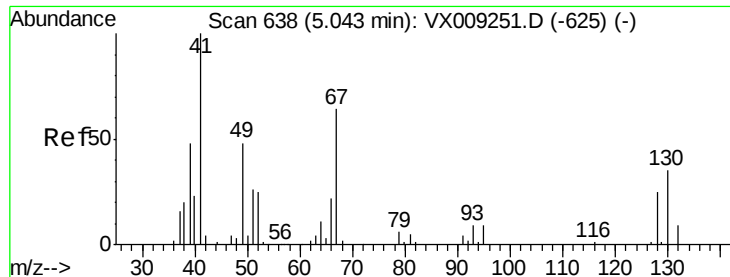


Abundance Ion 78.10 (77.80 to 78.80): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

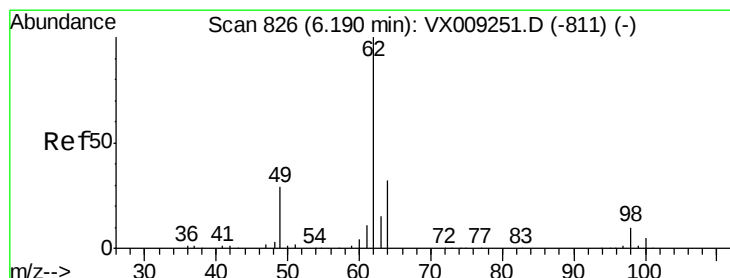
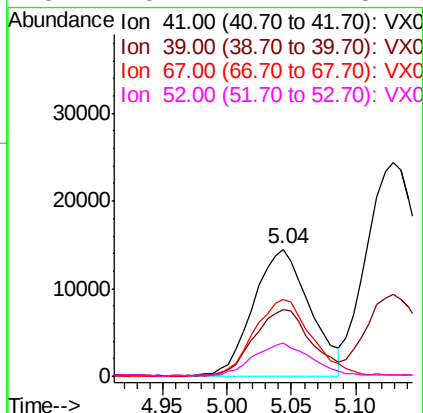
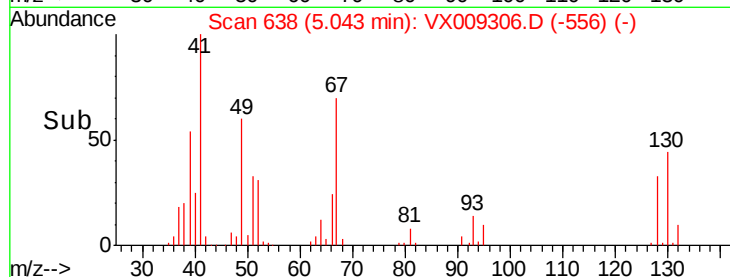
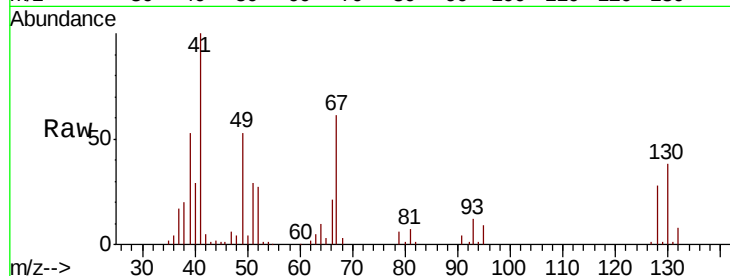




#35
Methacrylonitrile
Concen: 20.923 ug/l
RT: 5.04 min Scan# 638
Delta R.T. 0.00 min
Lab File: VX009306.D
Acq: 03 May 2019 12:43

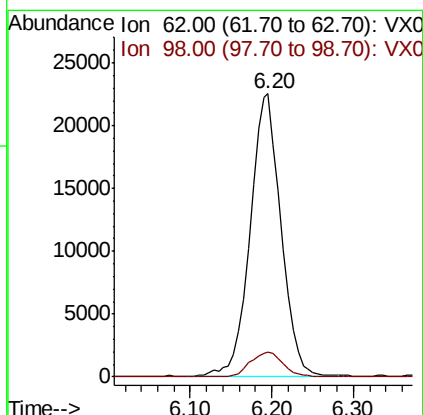
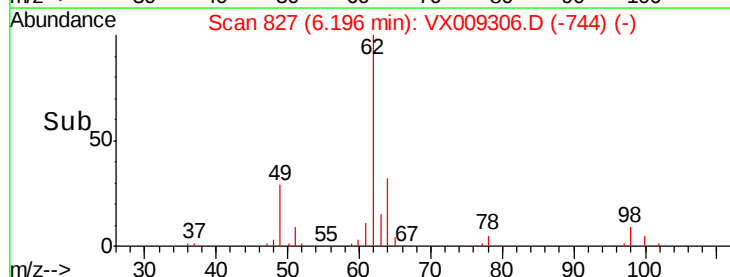
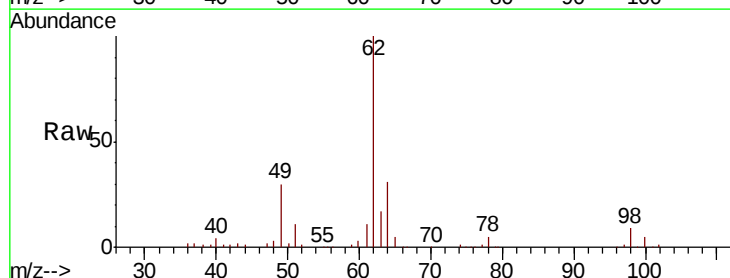
Instrument :
MSVOA_X
ClientSampleId :
VX0503WBSD01

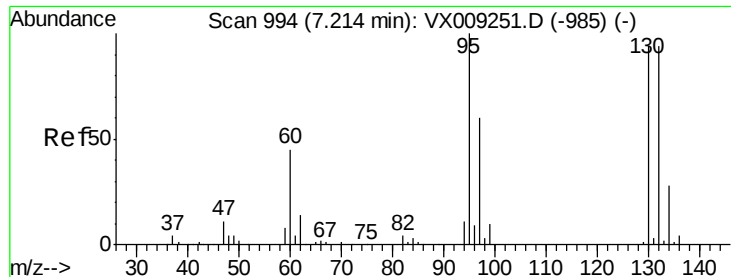
Tot Ion:	41	Resp:	43811
Ion	Ratio	Lower	Upper
41	100		
39	52.3	24.1	72.3
67	60.9	32.2	96.6
52	26.2	12.4	37.4



#36
1,2-Dichloroethane
Concen: 20.894 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.01 min
Lab File: VX009306.D
Acq: 03 May 2019 12:43

Tgt Ion:	62	Resp:	59731
Ion	Ratio	Lower	Upper
62	100		
98	9.3	7.4	11.2

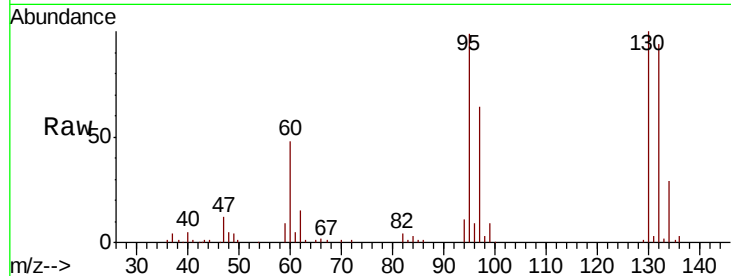




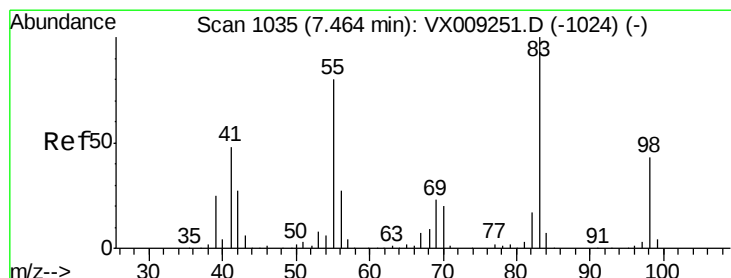
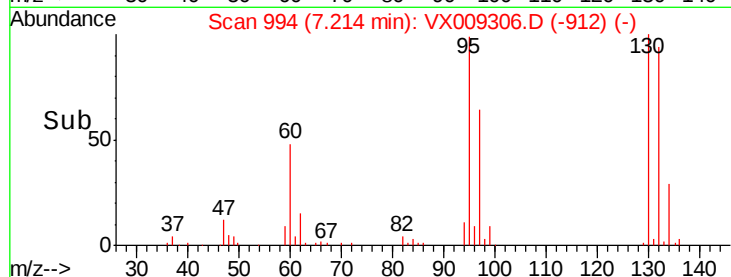
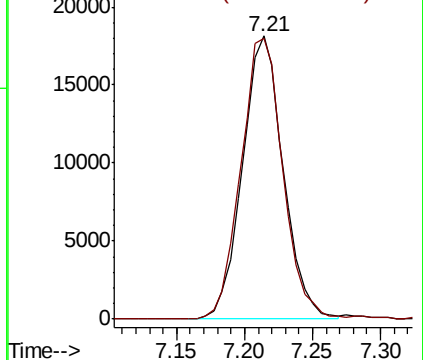
#37
 Trichloroethene
 Concen: 20.089 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX009306.D
 Acq: 03 May 2019 12:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0503WBSD01

Tot Ion:130 Resp: 38101
 Ion Ratio Lower Upper
 130 100
 95 98.7 85.0 127.4

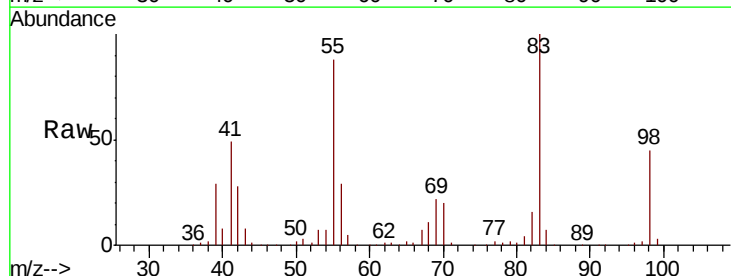


Abundance Ion 129.90 (129.60 to 130.60): V
 Ion 94.90 (94.60 to 95.60): VX0

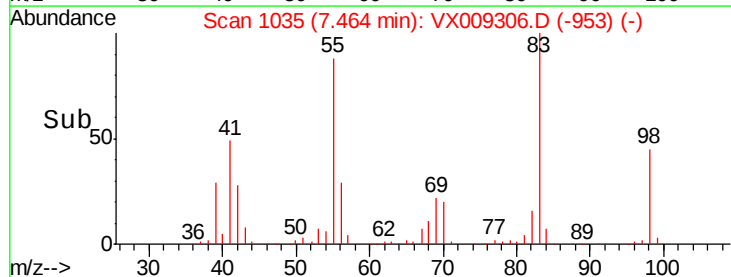
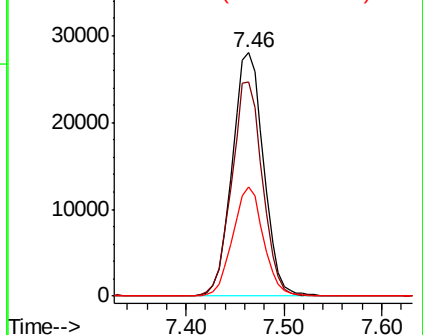


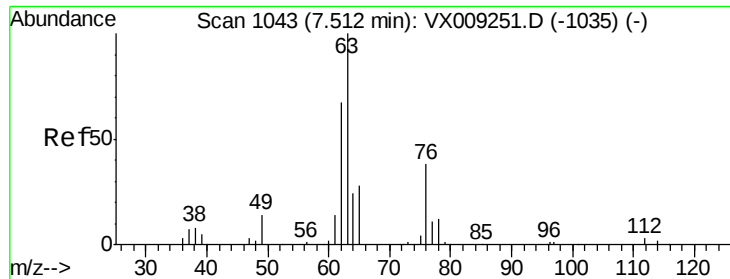
#38
 Methylcyclohexane
 Concen: 19.824 ug/l
 RT: 7.46 min Scan# 1035
 Delta R.T. 0.00 min
 Lab File: VX009306.D
 Acq: 03 May 2019 12:43

Tgt Ion: 83 Resp: 62589
 Ion Ratio Lower Upper
 83 100
 55 86.2 43.0 129.2
 98 43.9 22.1 66.1



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

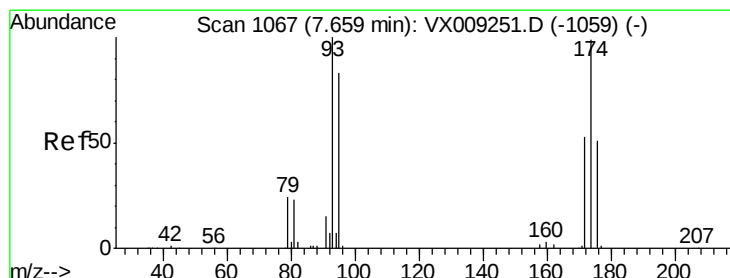
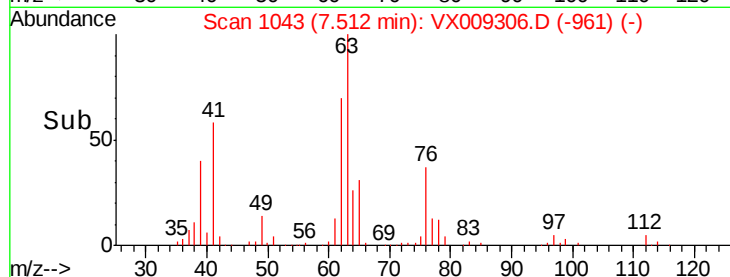
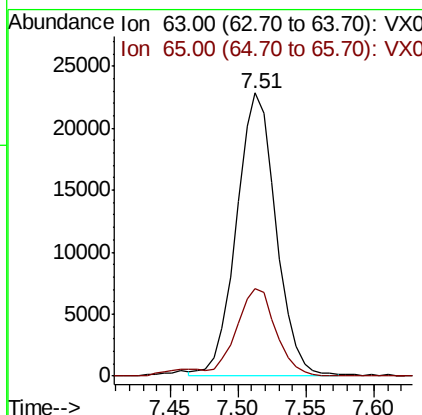
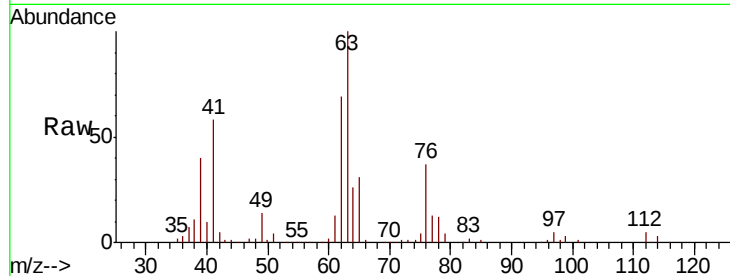




#39
 1,2-Dichloropropane
 Concen: 20.727 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX009306.D
 Acq: 03 May 2019 12:43

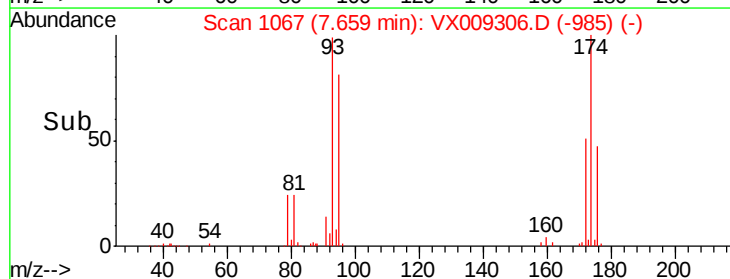
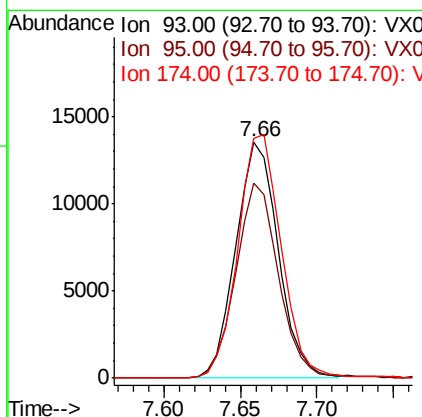
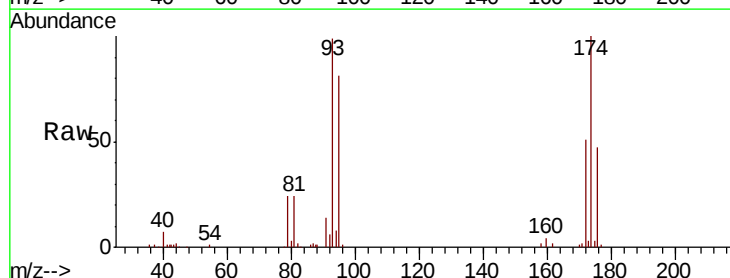
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0503WBSD01

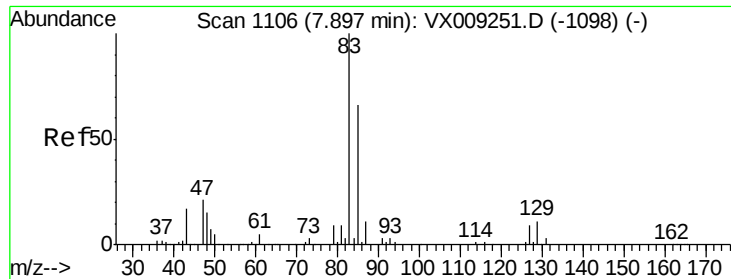
Tot Ion: 63 Resp: 46504
 Ion Ratio Lower Upper
 63 100
 65 30.8 24.0 36.0



#40
 Dibromomethane
 Concen: 20.602 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX009306.D
 Acq: 03 May 2019 12:43

Tgt Ion: 93 Resp: 26234
 Ion Ratio Lower Upper
 93 100
 95 82.6 0.0 167.2
 174 104.6 0.0 203.4





#41

Bromodichloromethane

Concen: 20.363 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX009306.D

Acq: 03 May 2019 12:43

Instrument :

MSVOA_X

ClientSampleId :

VX0503WBSD01

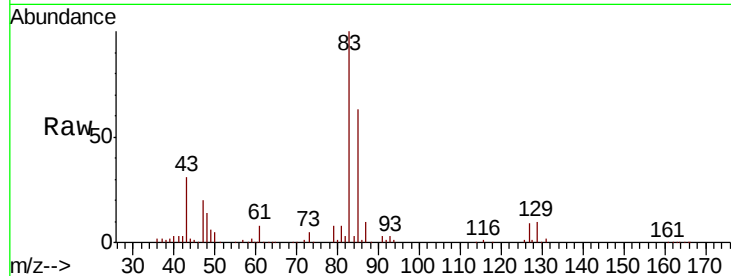
Tot Ion: 83 Resp: 52966

Ion Ratio Lower Upper

83 100

85 63.2 52.6 79.0

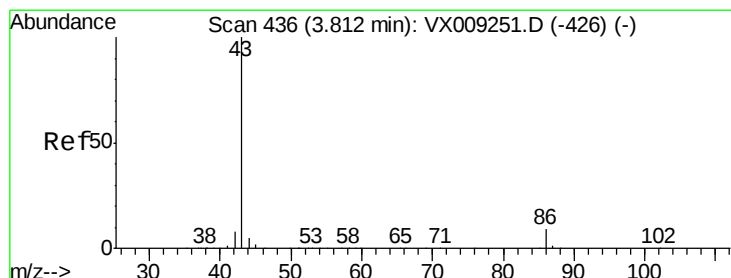
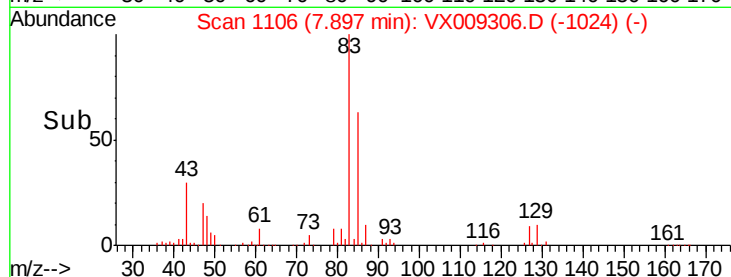
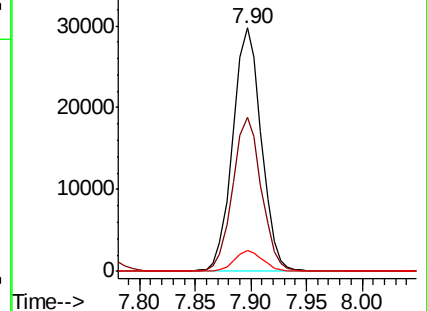
127 9.6 6.9 10.3



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0

Ion 127.00 (126.70 to 127.70): V



#42

Vinyl Acetate

Concen: 104.622 ug/l

RT: 3.81 min Scan# 436

Delta R.T. 0.00 min

Lab File: VX009306.D

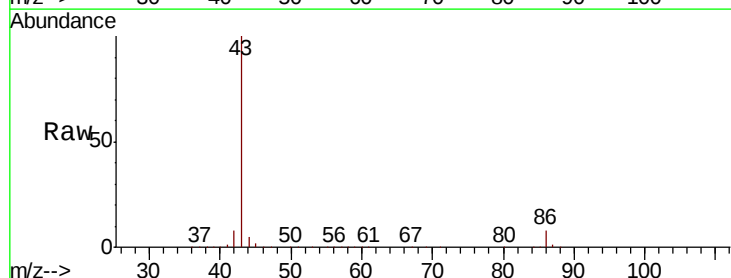
Acq: 03 May 2019 12:43

Tgt Ion: 43 Resp: 691068

Ion Ratio Lower Upper

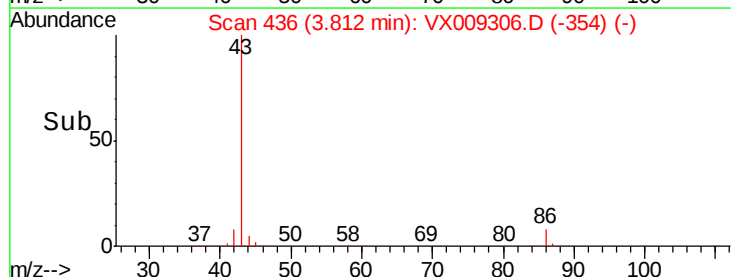
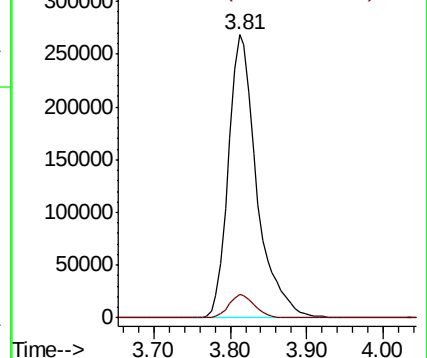
43 100

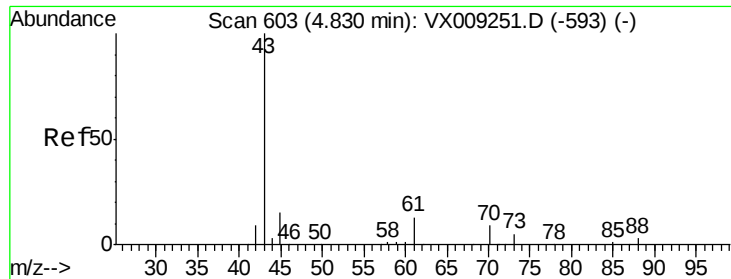
86 7.5 6.0 9.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0





#43

Ethyl Acetate

Concen: 21.289 ug/l

RT: 4.83 min Scan# 603

Delta R.T. 0.00 min

Lab File: VX009306.D

Acq: 03 May 2019 12:43

Instrument :

MSVOA_X

ClientSampleId :

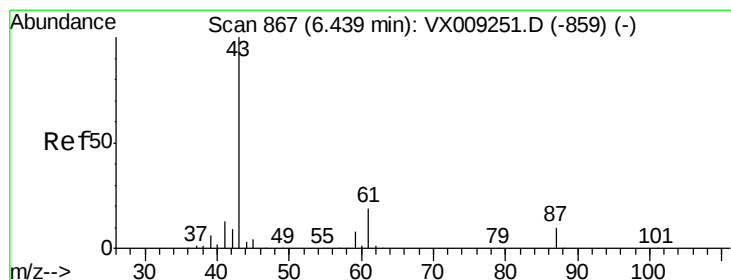
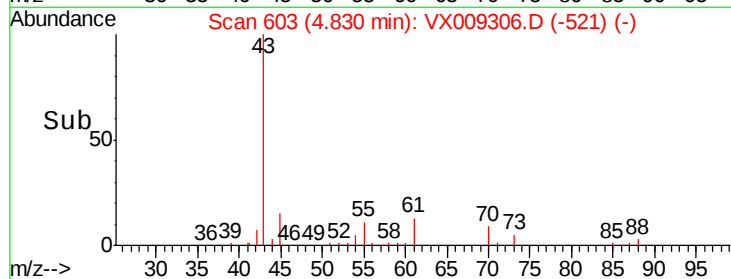
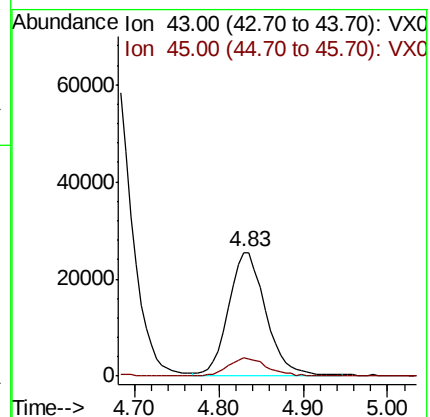
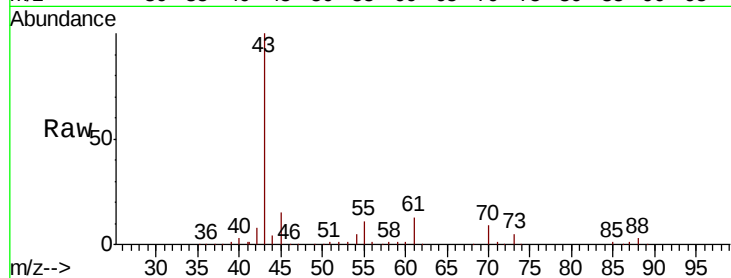
VX0503WBSD01

Tot Ion: 43 Resp: 76991

Ion Ratio Lower Upper

43 100

45 15.1 11.8 17.8



#44

Isopropyl Acetate

Concen: 20.150 ug/l

RT: 6.45 min Scan# 868

Delta R.T. 0.01 min

Lab File: VX009306.D

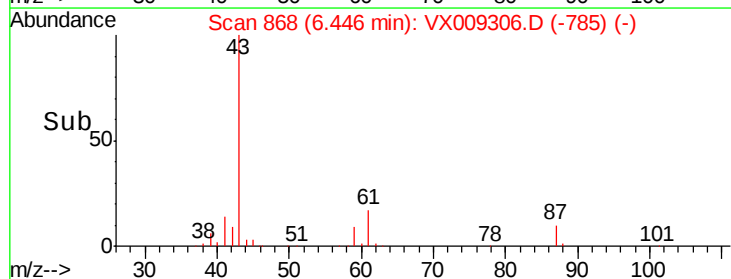
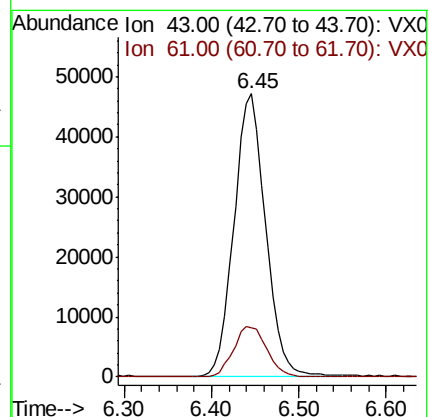
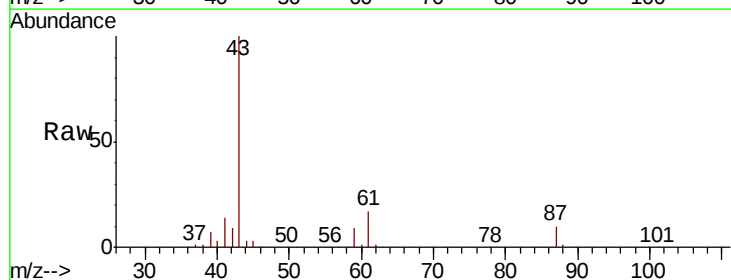
Acq: 03 May 2019 12:43

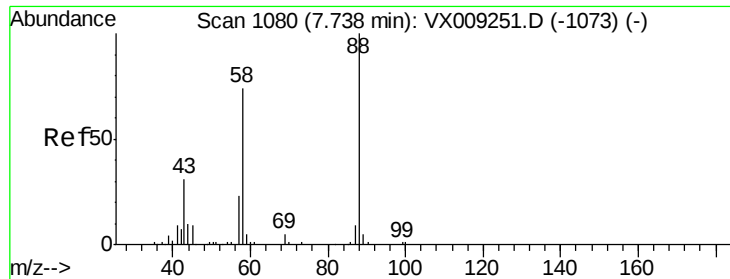
Tgt Ion: 43 Resp: 118050

Ion Ratio Lower Upper

43 100

61 18.9 15.4 23.2

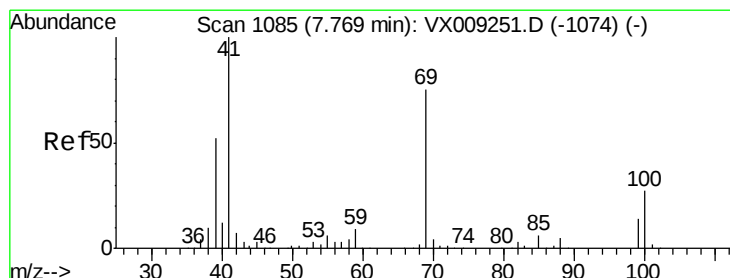
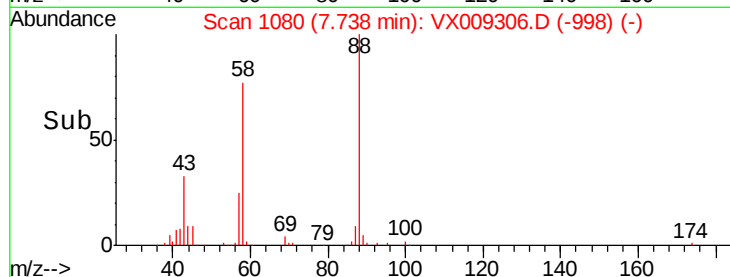
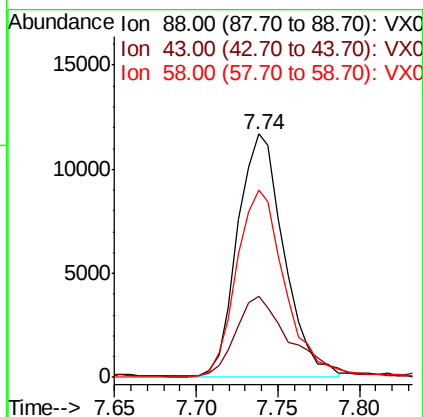
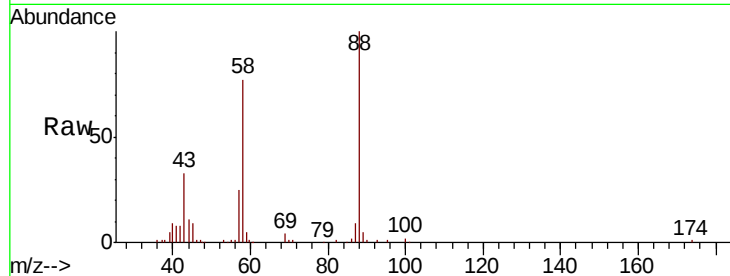




#45
 1,4-Dioxane
 Concen: 404.197 ug/l
 RT: 7.74 min Scan# 1080
 Delta R.T. 0.00 min
 Lab File: VX009306.D
 Acq: 03 May 2019 12:43

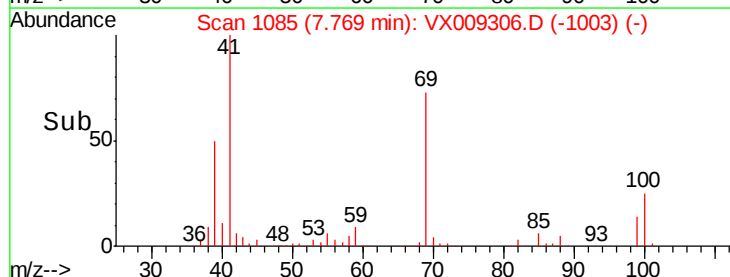
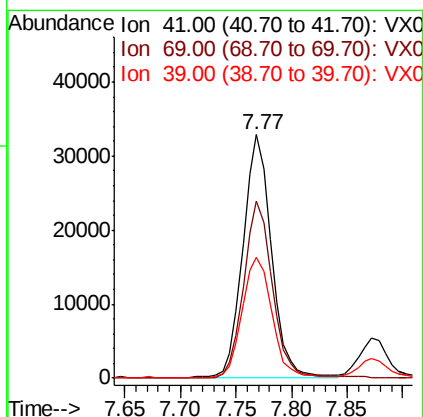
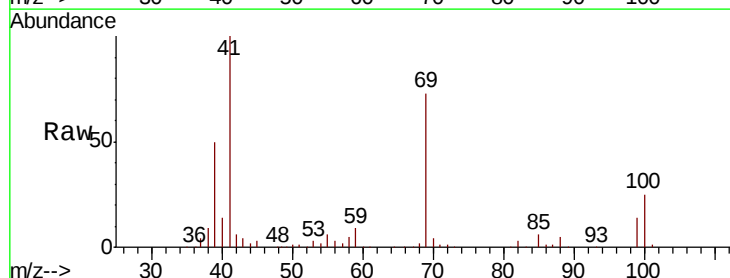
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0503WBSD01

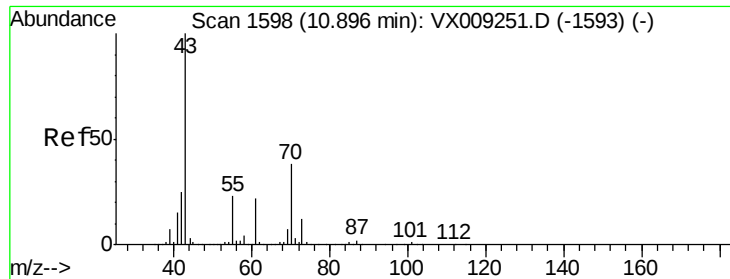
Tot Ion: 88 Resp: 23249
 Ion Ratio Lower Upper
 88 100
 43 37.6 28.5 42.7
 58 80.4 62.5 93.7



#46
 Methyl methacrylate
 Concen: 19.928 ug/l
 RT: 7.77 min Scan# 1085
 Delta R.T. 0.00 min
 Lab File: VX009306.D
 Acq: 03 May 2019 12:43

Tgt Ion: 41 Resp: 58271
 Ion Ratio Lower Upper
 41 100
 69 72.8 37.6 112.8
 39 49.5 25.8 77.3





#47

n-amvl Acetate

Concen: 19.755 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX009306.D

Acq: 03 May 2019 12:43

Instrument :

MSVOA_X

ClientSampleId :

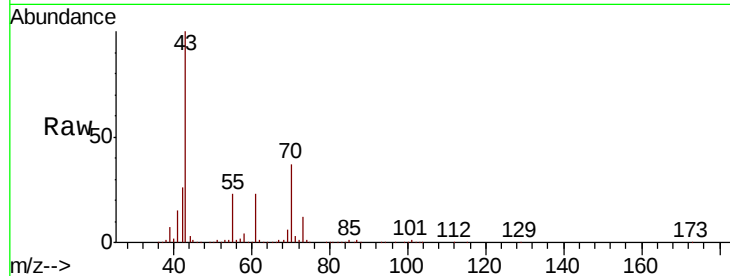
VX0503WBSD01

Tot Ion: 43 Resp: 104259

Ion Ratio Lower Upper

43 100

55 22.8 18.2 27.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

10.90

80000

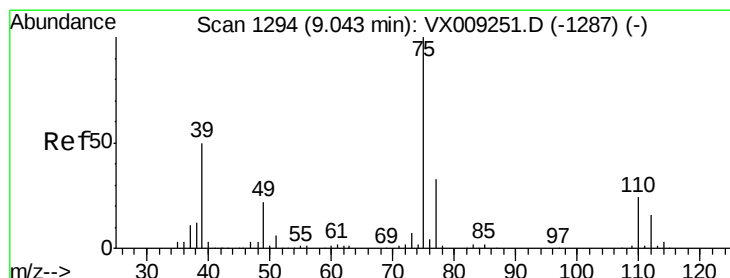
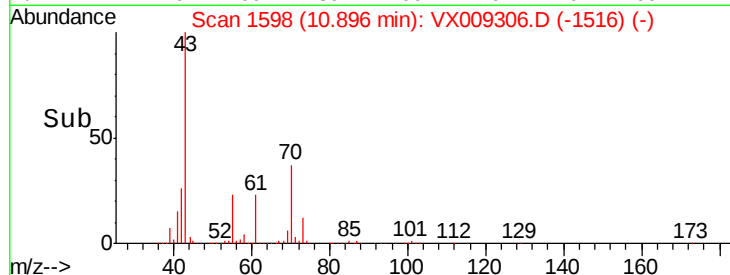
60000

40000

20000

0

Time-->



#48

t-1,3-Dichloropropene

Concen: 19.417 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX009306.D

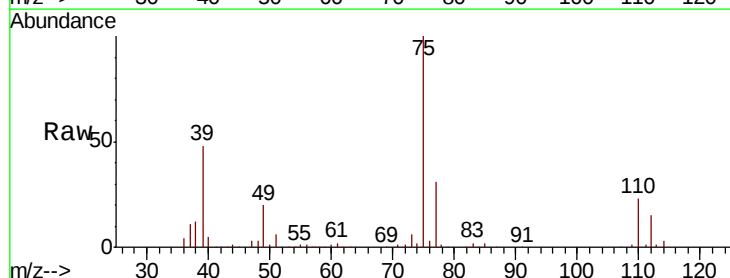
Acq: 03 May 2019 12:43

Tgt Ion: 75 Resp: 58930

Ion Ratio Lower Upper

75 100

77 30.5 26.5 39.7



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

9.04

40000

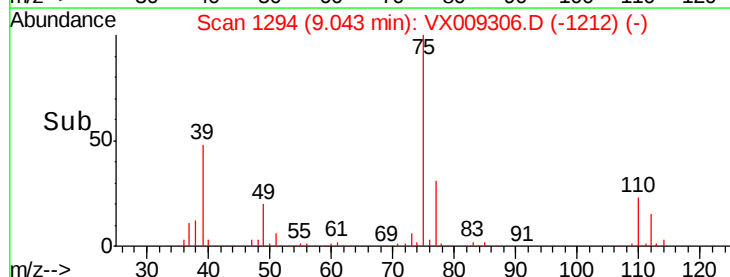
30000

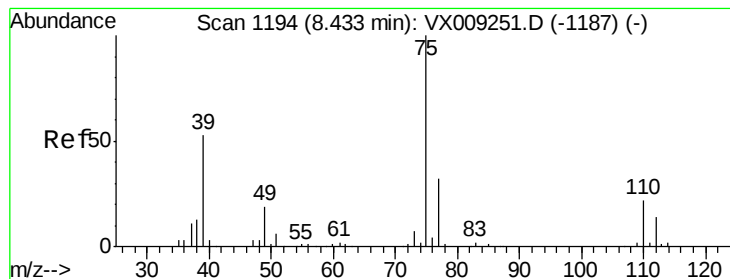
20000

10000

0

Time-->



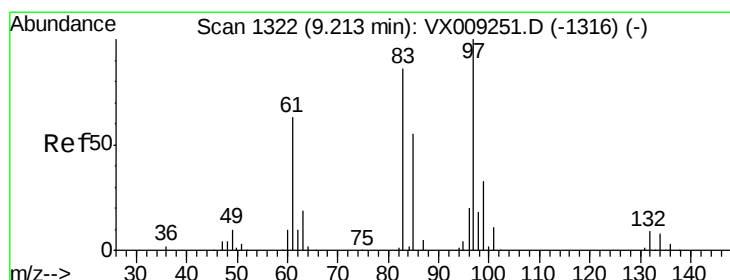
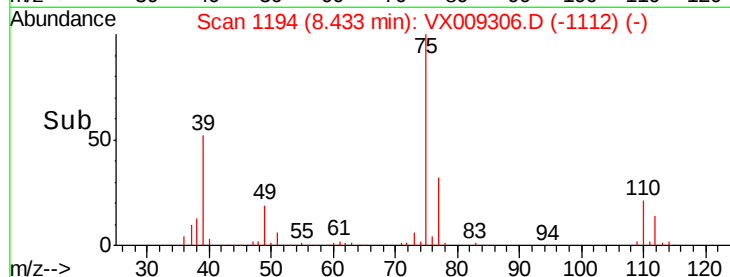
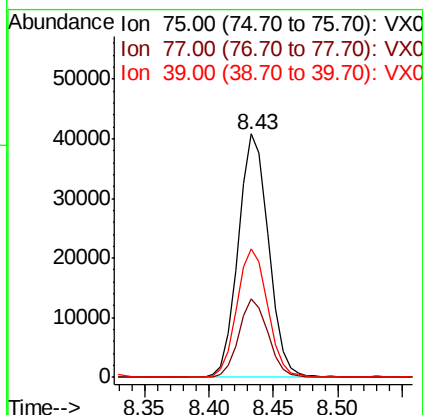
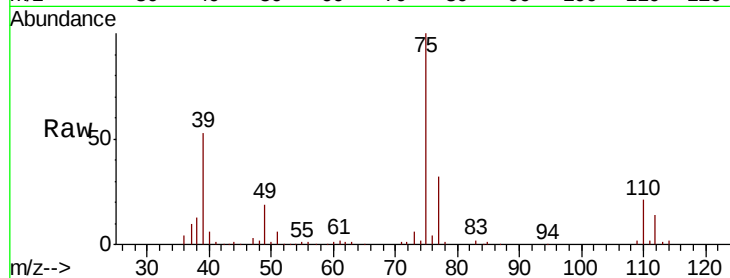


#49

cis-1,3-Dichloropropene
 Concen: 19.900 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: VX009306.D
 Acq: 03 May 2019 12:43

Instrument :
 MSVOA_X
 ClientSampled :
 VX0503WBSD01

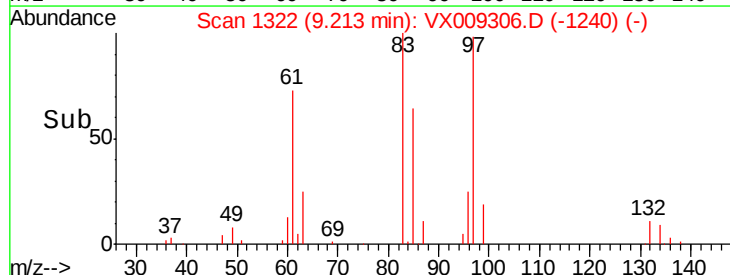
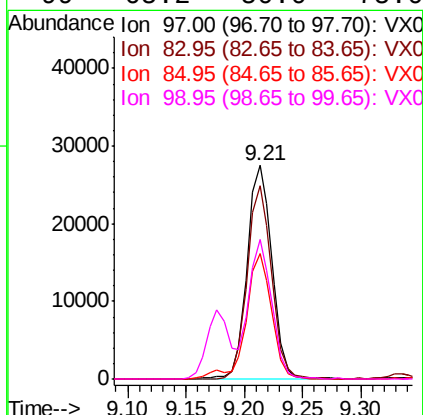
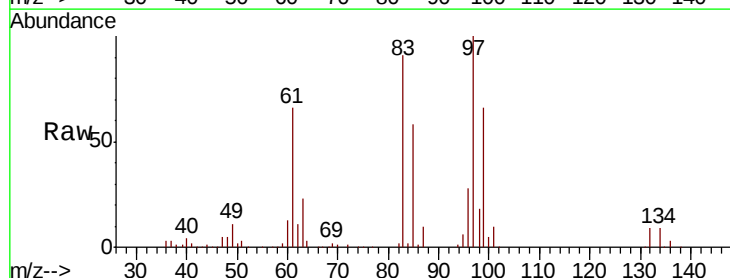
Tot Ion: 75 Resp: 66303
 Ion Ratio Lower Upper
 75 100
 77 32.1 26.0 39.0
 39 52.3 42.6 63.8

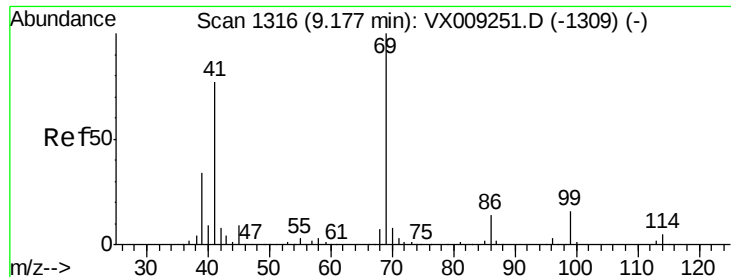


#50

1,1,2-Trichloroethane
 Concen: 21.035 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX009306.D
 Acq: 03 May 2019 12:43

Tgt Ion: 97 Resp: 41038
 Ion Ratio Lower Upper
 97 100
 83 90.8 68.8 103.2
 85 58.3 45.8 68.6
 99 65.2 50.0 75.0





#51

Ethyl methacrylate

Concen: 19.960 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VX009306.D

Acq: 03 May 2019 12:43

Instrument :

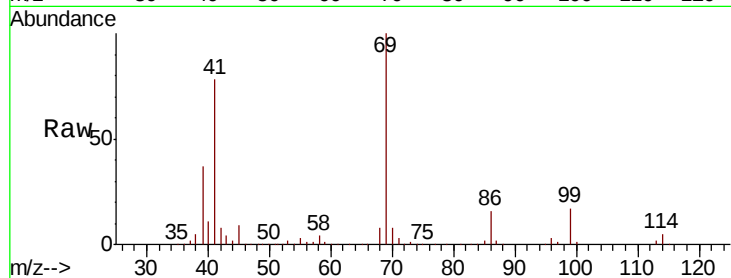
MSVOA_X

ClientSampled :

VX0503WBSD01

Tot Ion: 69 Resp: 71962

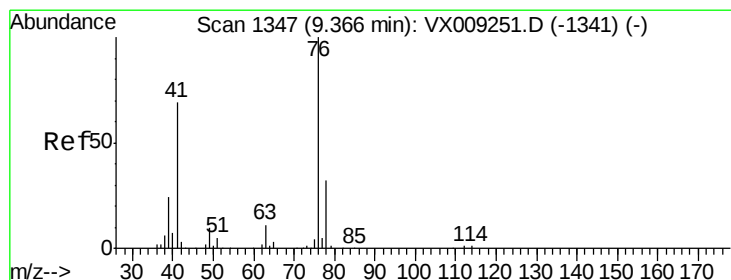
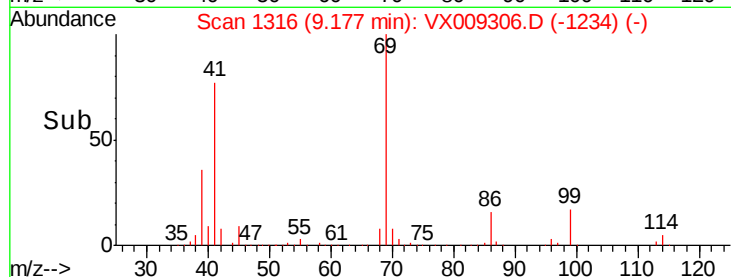
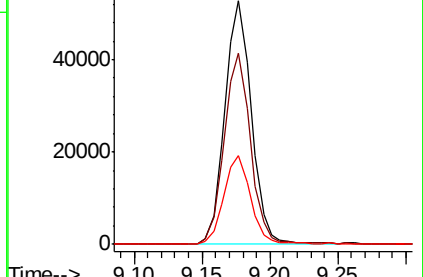
Ion	Ratio	Lower	Upper
69	100		
41	78.1	38.4	115.2
39	36.4	17.2	51.5



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



#52

1,3-Dichloropropane

Concen: 20.537 ug/l

RT: 9.37 min Scan# 1348

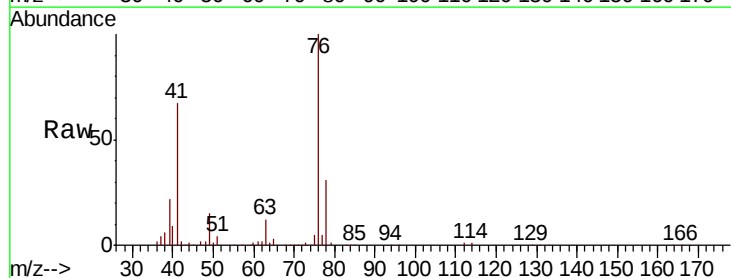
Delta R.T. 0.01 min

Lab File: VX009306.D

Acq: 03 May 2019 12:43

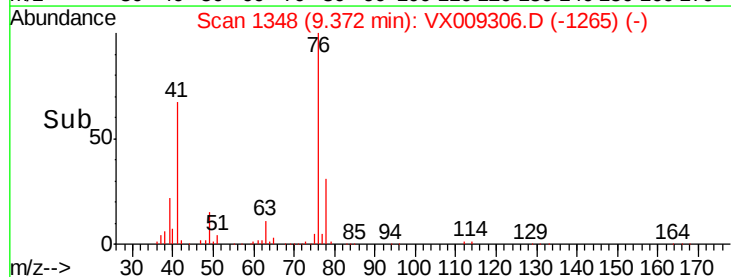
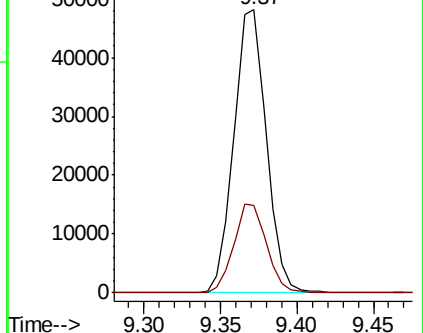
Tgt Ion: 76 Resp: 71110

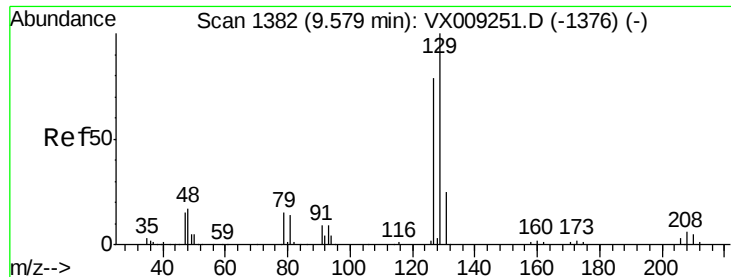
Ion	Ratio	Lower	Upper
76	100		
78	31.8	0.0	64.2



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





#53

Dibromochloromethane

Concen: 20.408 ug/l

RT: 9.58 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VX009306.D

Acq: 03 May 2019 12:43

Instrument :

MSVOA_X

ClientSampleId :

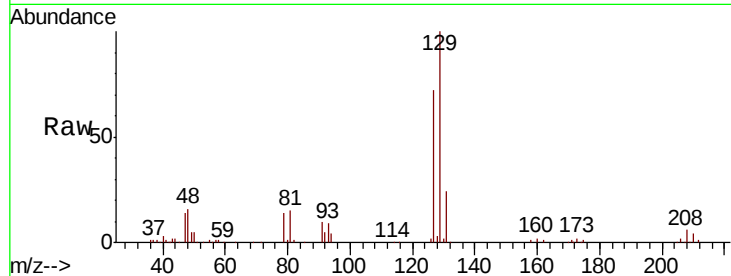
VX0503WBSD01

Tot Ion:129 Resp: 39653

Ion Ratio Lower Upper

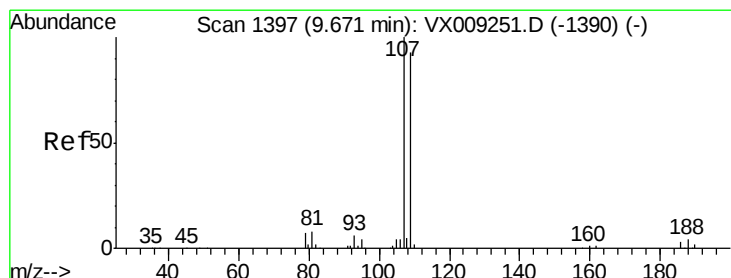
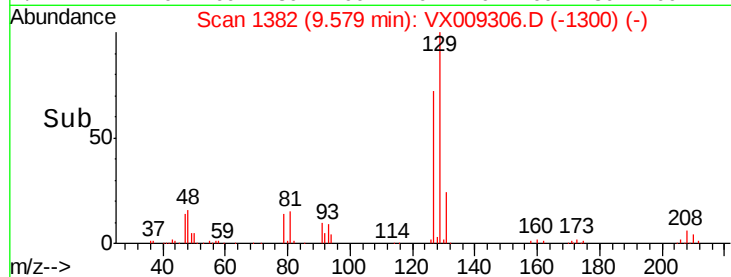
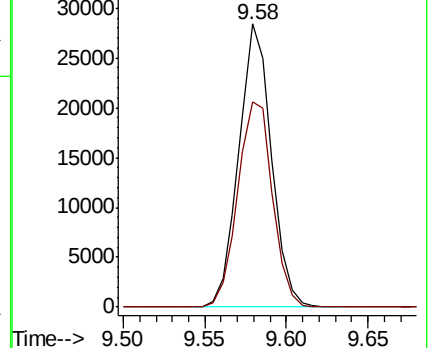
129 100

127 77.2 39.1 117.5



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 20.463 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX009306.D

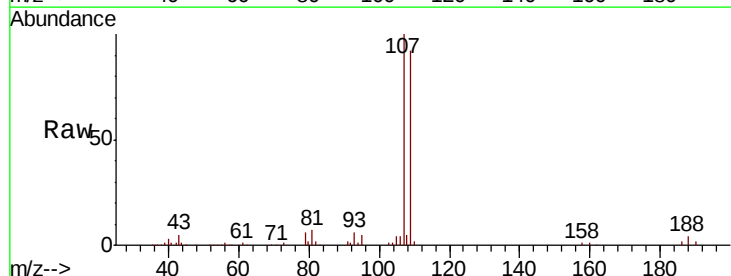
Acq: 03 May 2019 12:43

Tgt Ion:107 Resp: 40944

Ion Ratio Lower Upper

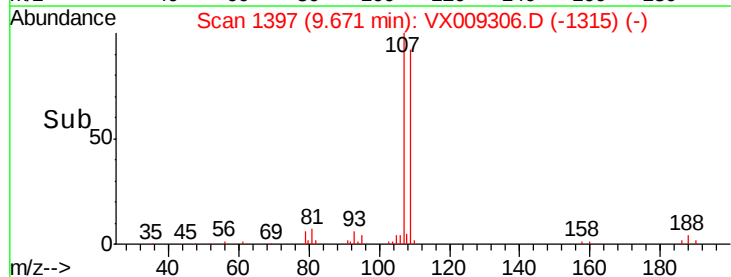
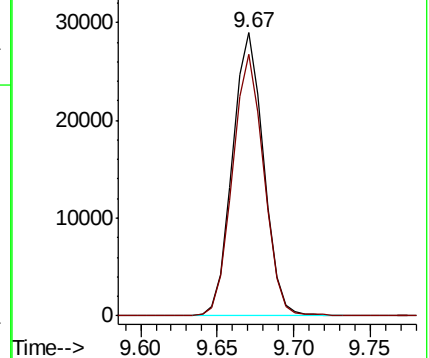
107 100

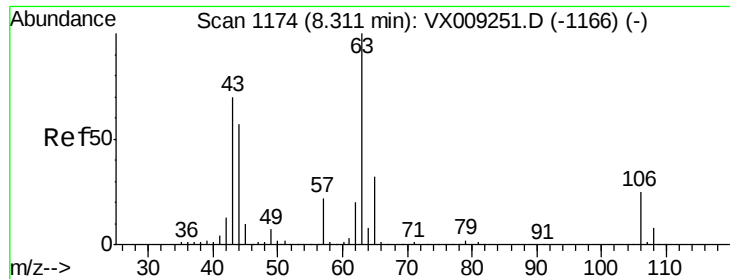
109 92.4 75.5 113.3



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V





#55

2-Chloroethyl vinyl ether

Concen: 104.487 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX009306.D

Acq: 03 May 2019 12:43

Instrument :

MSVOA_X

ClientSampleId :

VX0503WBSD01

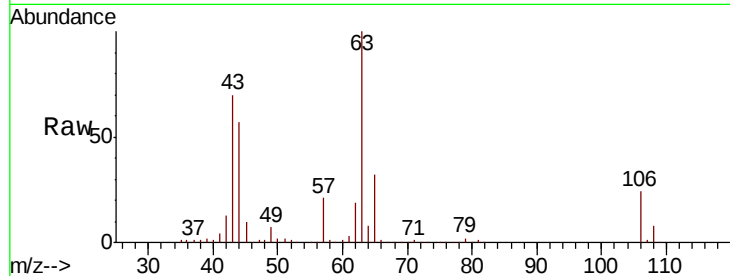
Tot Ion: 63 Resp: 200735

Ion Ratio Lower Upper

63 100

65 31.9 25.8 38.6

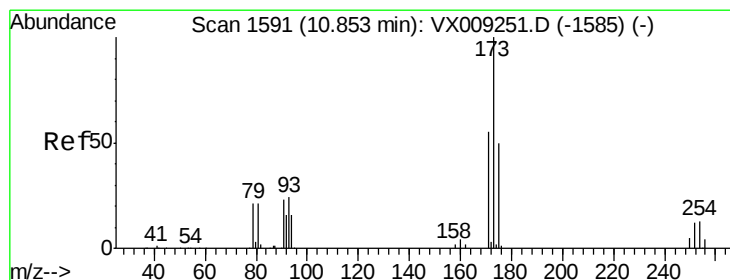
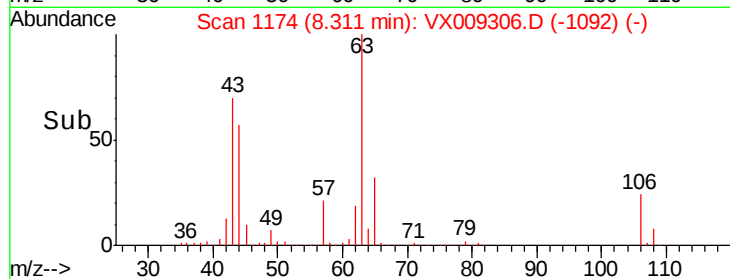
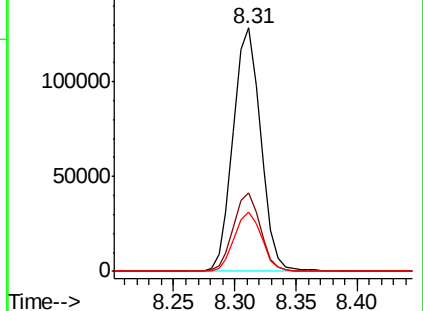
106 24.2 19.8 29.6



Abundance Ion 63.00 (62.70 to 63.70): VX0

Ion 65.00 (64.70 to 65.70): VX0

Ion 106.00 (105.70 to 106.70): V



#56

Bromoform

Concen: 19.362 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX009306.D

Acq: 03 May 2019 12:43

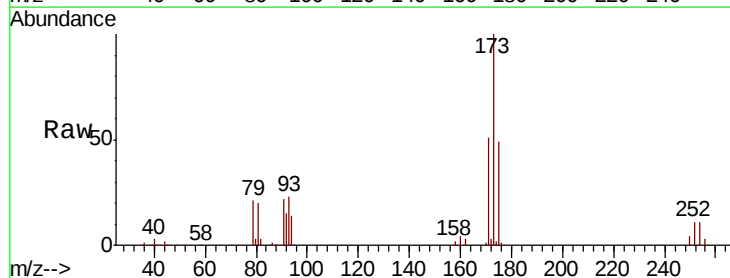
Tgt Ion: 173 Resp: 28878

Ion Ratio Lower Upper

173 100

175 48.9 39.4 59.2

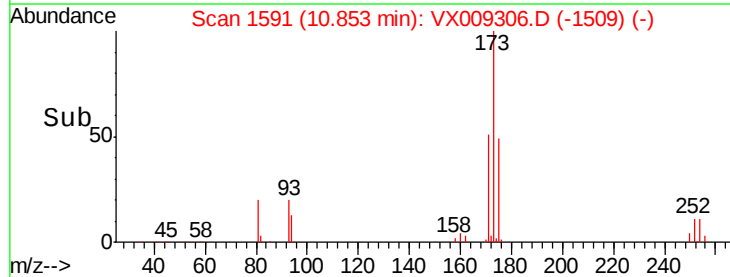
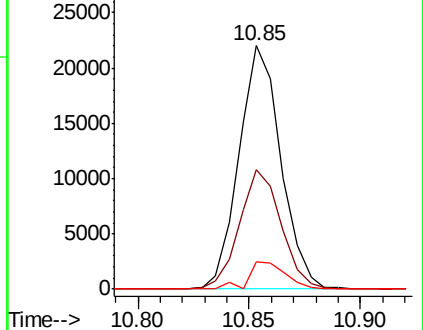
254 9.1 9.9 14.9#

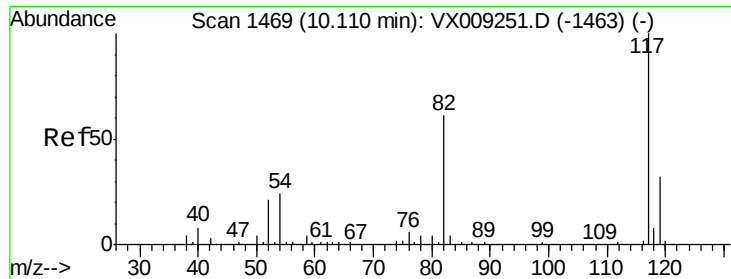


Abundance Ion 173.00 (172.70 to 173.70): V

Ion 175.00 (174.70 to 175.70): V

Ion 254.00 (253.70 to 254.70): V

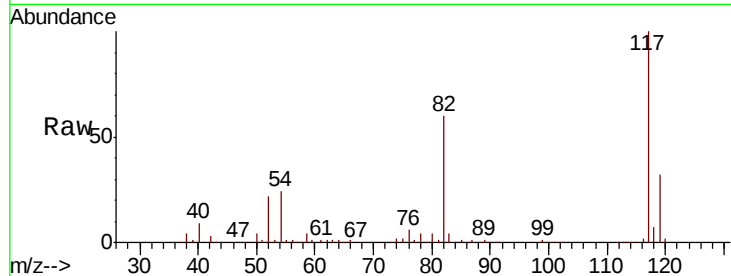




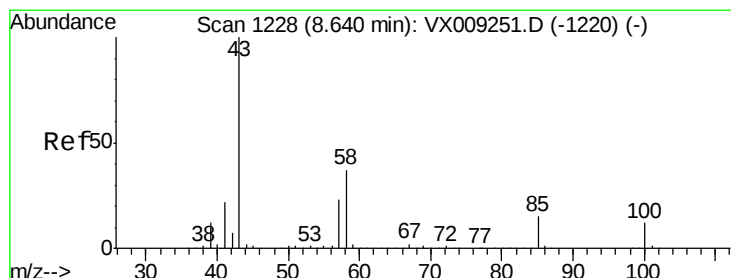
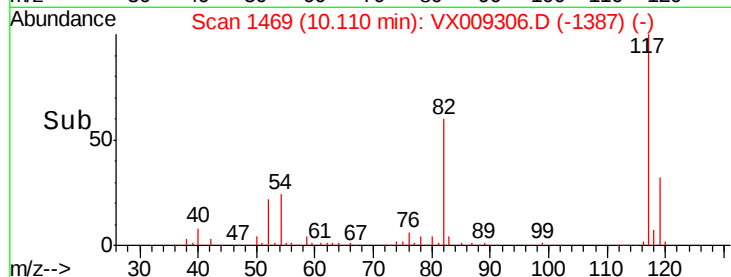
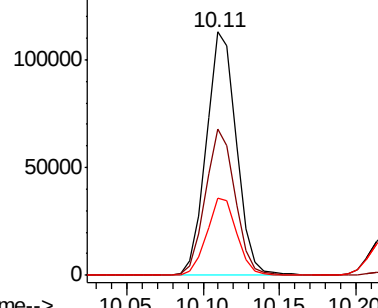
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009306.D
Acq: 03 May 2019 12:43

Instrument :
MSVOA_X
ClientSampleId :
VX0503WBSD01

Tot Ion:117 Resp: 153846
Ion Ratio Lower Upper
117 100
82 59.1 47.8 71.8
119 31.7 25.6 38.4

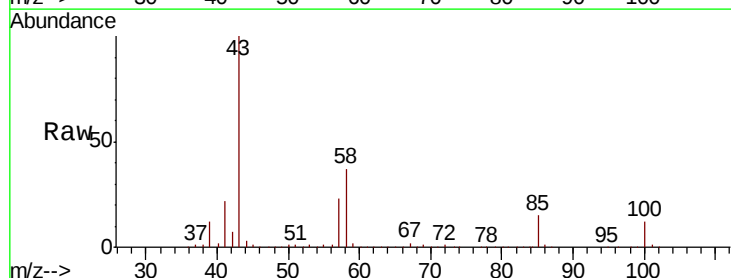


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 119.00 (118.70 to 119.70): V

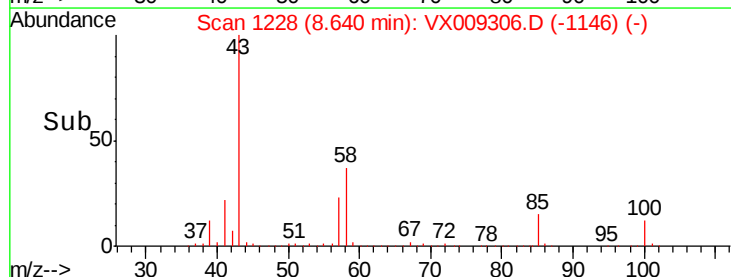
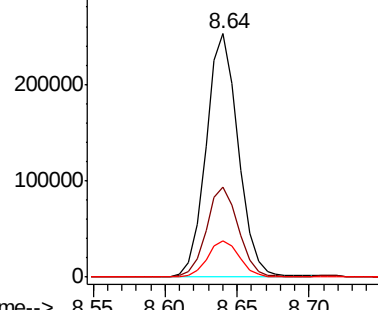


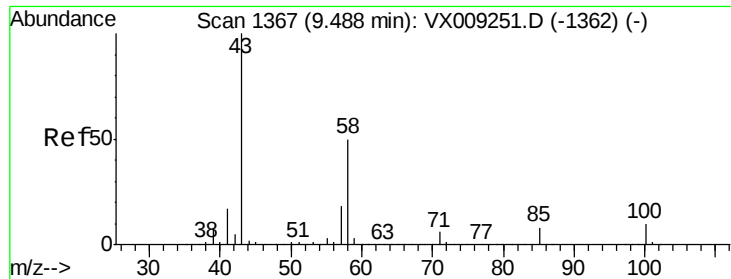
#58
4-Methyl-2-Pentanone
Concen: 103.997 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. 0.00 min
Lab File: VX009306.D
Acq: 03 May 2019 12:43

Tgt Ion: 43 Resp: 393411
Ion Ratio Lower Upper
43 100
58 37.1 29.4 44.0
85 14.9 11.8 17.8



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0
Ion 85.00 (84.70 to 85.70): VX0

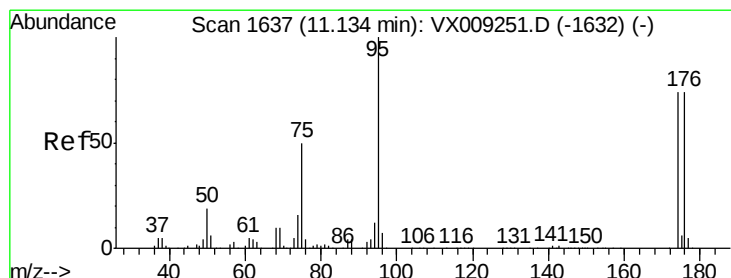
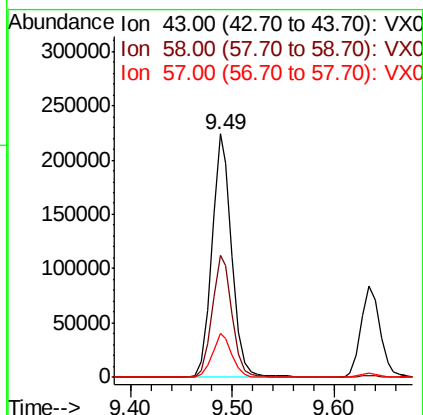
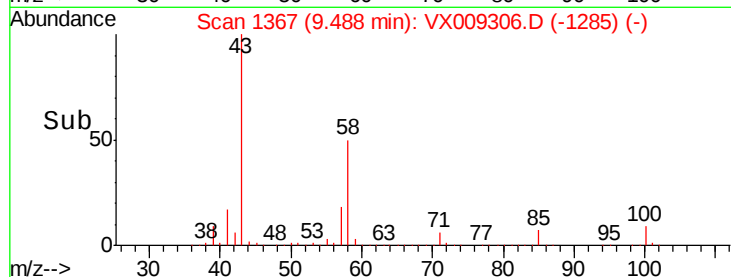
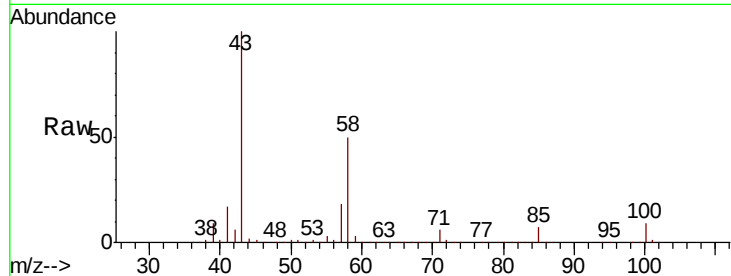




#59
2-Hexanone
Concen: 102.386 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX009306.D
Acq: 03 May 2019 12:43

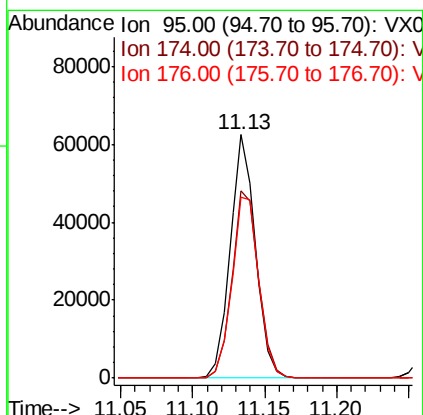
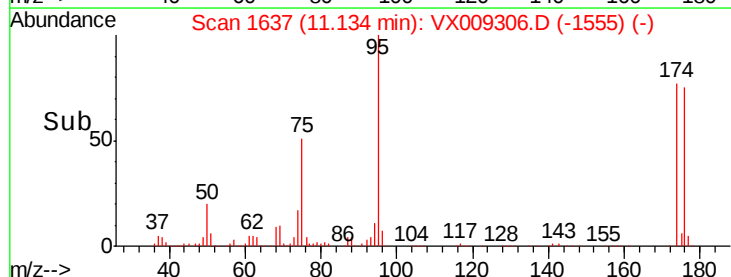
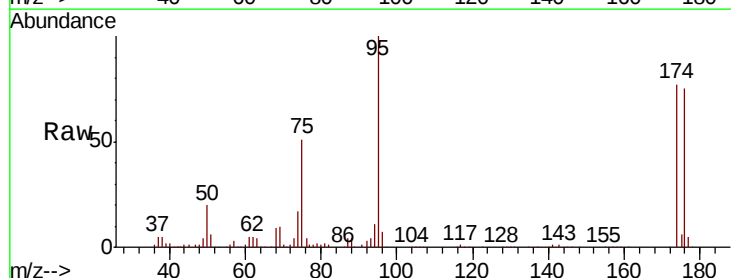
Instrument :
MSVOA_X
ClientSampleId :
VX0503WBSD01

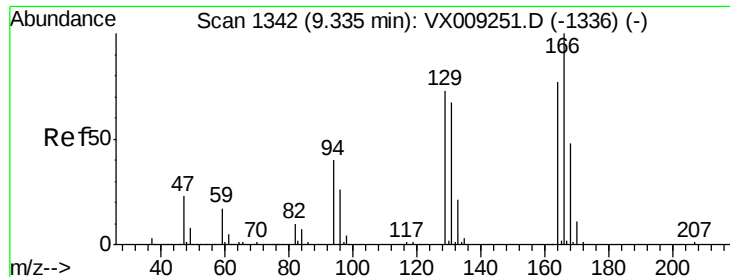
Tot Ion: 43 Resp: 303788
Ion Ratio Lower Upper
43 100
58 51.0 40.8 61.2
57 17.8 14.1 21.1



#60
4-Bromofluorobenzene
Concen: 29.401 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX009306.D
Acq: 03 May 2019 12:43

Tgt Ion: 95 Resp: 76861
Ion Ratio Lower Upper
95 100
174 81.0 63.6 95.4
176 79.3 62.4 93.6

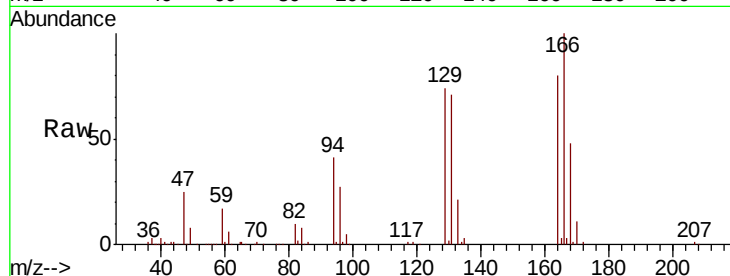




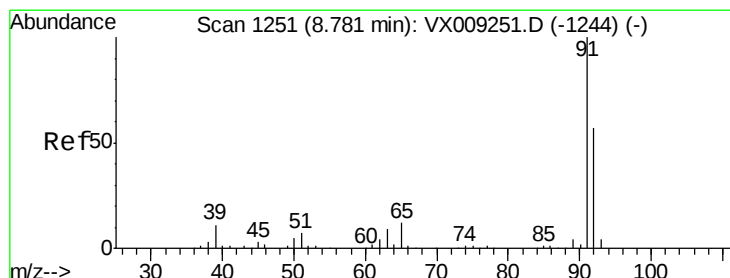
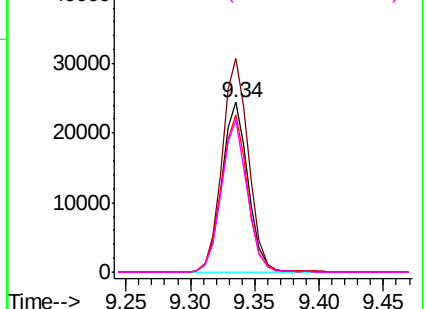
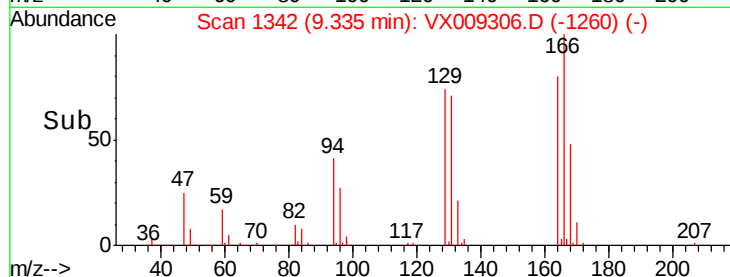
#61
Tetrachloroethene
Concen: 20.828 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX009306.D
Acq: 03 May 2019 12:43

Instrument :
MSVOA_X
ClientSampleId :
VX0503WBSD01

Tot Ion:164 Resp: 35324
Ion Ratio Lower Upper
164 100
166 125.5 104.1 156.1
129 92.8 76.0 114.0
131 89.6 70.1 105.1

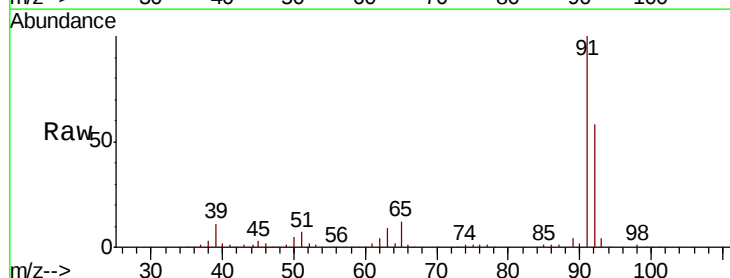


Abundance Ion 163.85 (163.55 to 164.55): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.90 (128.60 to 129.60): V
Ion 130.90 (130.60 to 131.60): V

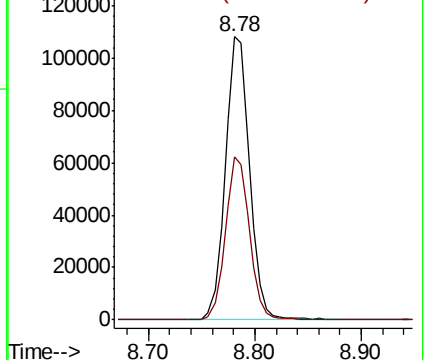
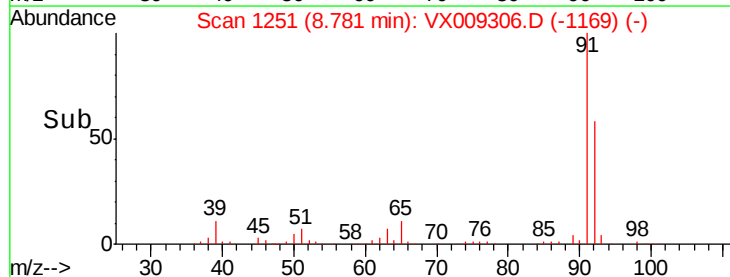


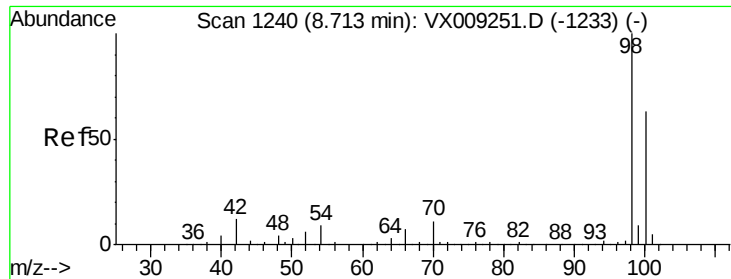
#62
Toluene
Concen: 20.985 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. 0.00 min
Lab File: VX009306.D
Acq: 03 May 2019 12:43

Tgt Ion: 91 Resp: 172517
Ion Ratio Lower Upper
91 100
92 57.1 46.1 69.1



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 30.138 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX009306.D

Acq: 03 May 2019 12:43

Instrument :

MSVOA_X

ClientSampleId :

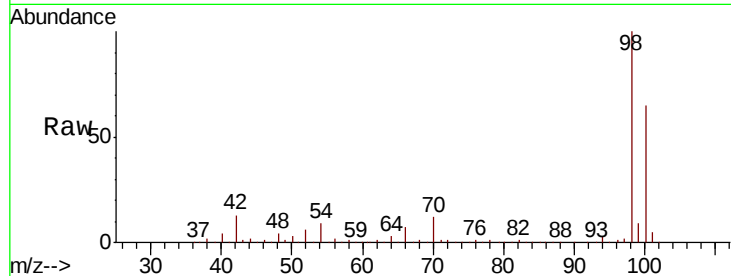
VX0503WBSD01

Tot Ion: 98 Resp: 219822

Ion Ratio Lower Upper

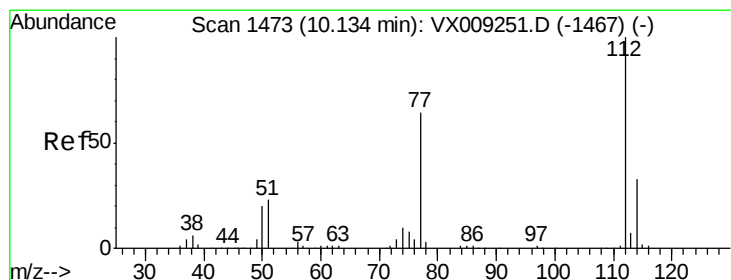
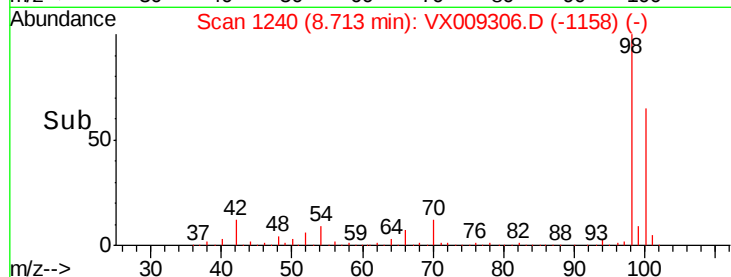
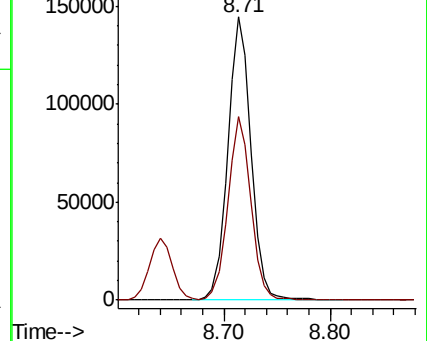
98 100

100 63.9 52.3 78.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#64

Chlorobenzene

Concen: 20.484 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. 0.00 min

Lab File: VX009306.D

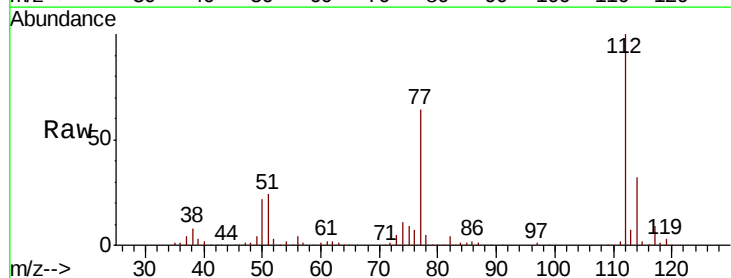
Acq: 03 May 2019 12:43

Tgt Ion: 112 Resp: 101345

Ion Ratio Lower Upper

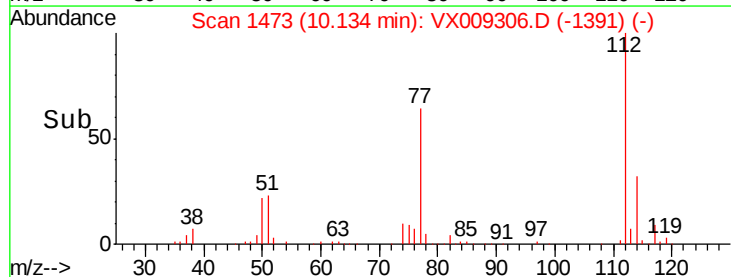
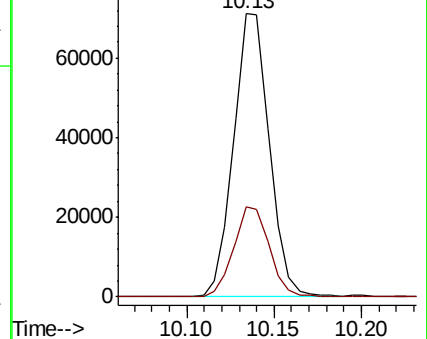
112 100

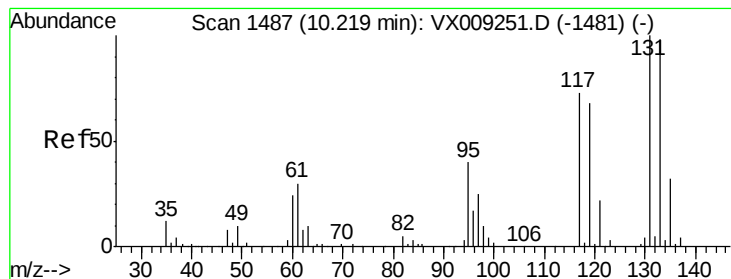
114 31.9 26.2 39.2



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V





#65

1,1,1,2-Tetrachloroethane

Concen: 20.244 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX009306.D

Acq: 03 May 2019 12:43

Instrument :

MSVOA_X

ClientSampled :

VX0503WBSD01

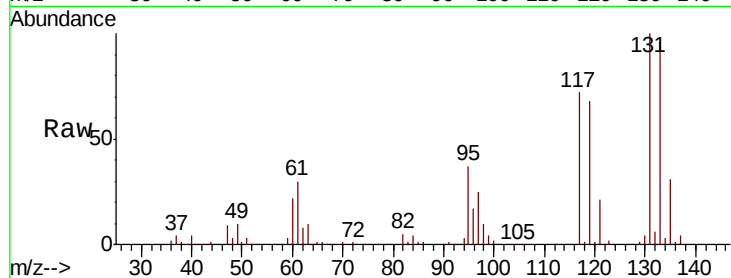
Tot Ion:131 Resp: 36674

Ion Ratio Lower Upper

131 100

133 96.3 0.0 191.2

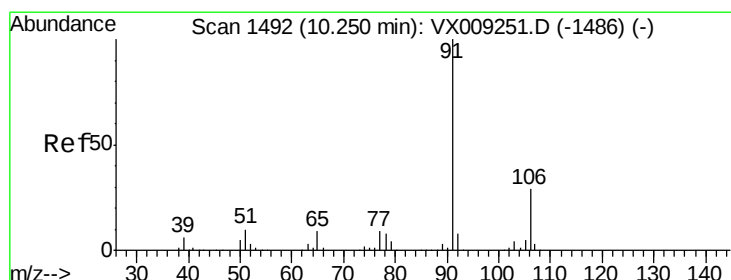
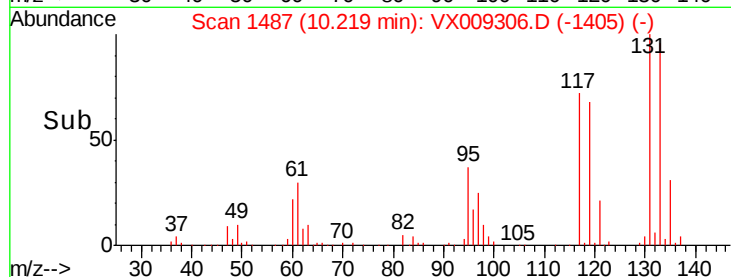
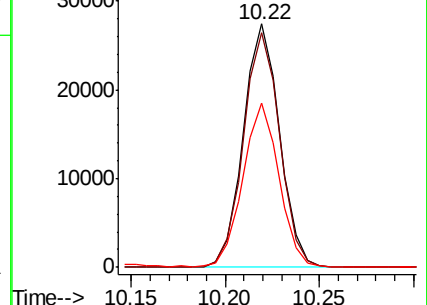
119 67.4 0.0 135.4



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 20.449 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX009306.D

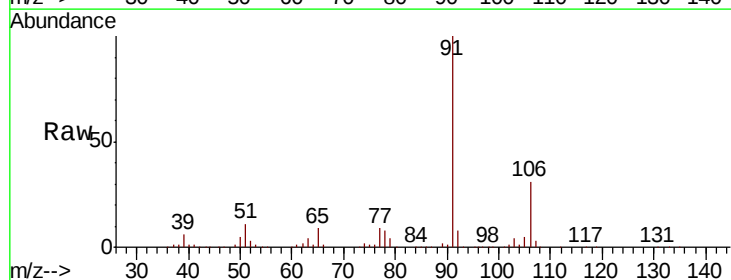
Acq: 03 May 2019 12:43

Tgt Ion: 91 Resp: 187272

Ion Ratio Lower Upper

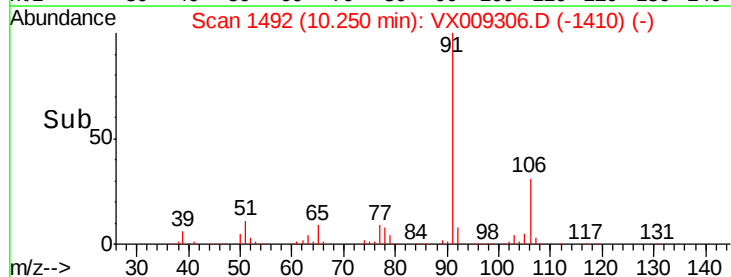
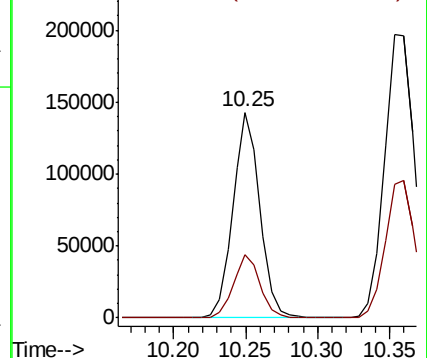
91 100

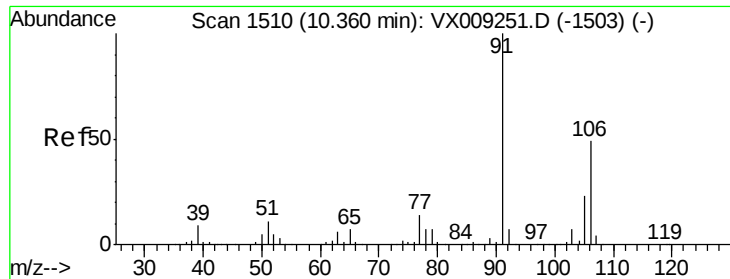
106 31.1 23.5 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V





#67

m/p-Xylenes

Concen: 40.631 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX009306.D

Acq: 03 May 2019 12:43

Instrument :

MSVOA_X

ClientSampleId :

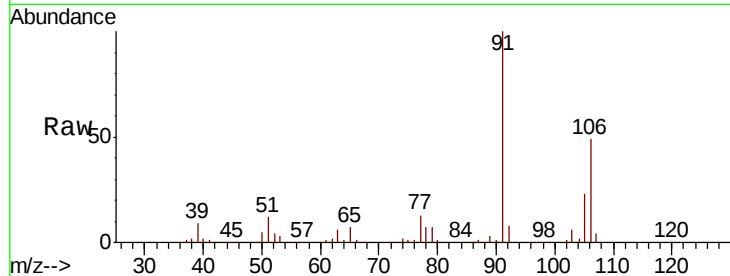
VX0503WBSD01

Tot Ion:106 Resp: 135858

Ion Ratio Lower Upper

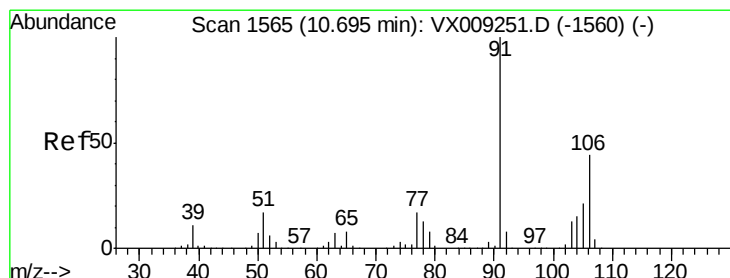
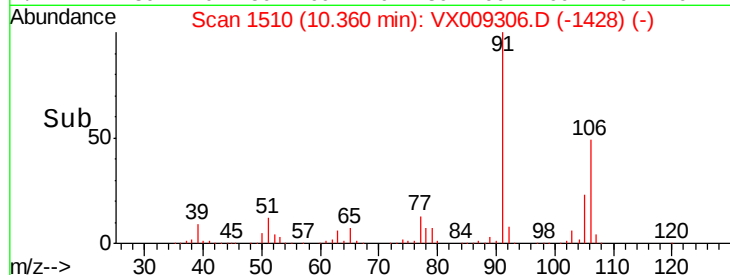
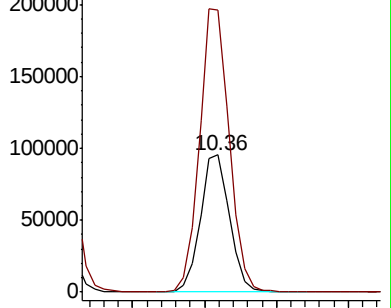
106 100

91 209.1 166.8 250.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#68

o-Xylene

Concen: 20.562 ug/l

RT: 10.69 min Scan# 1565

Delta R.T. 0.00 min

Lab File: VX009306.D

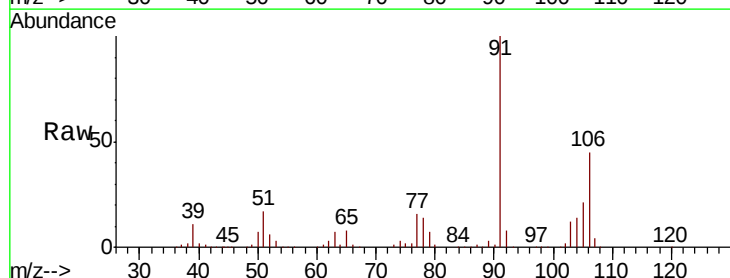
Acq: 03 May 2019 12:43

Tgt Ion:106 Resp: 67603

Ion Ratio Lower Upper

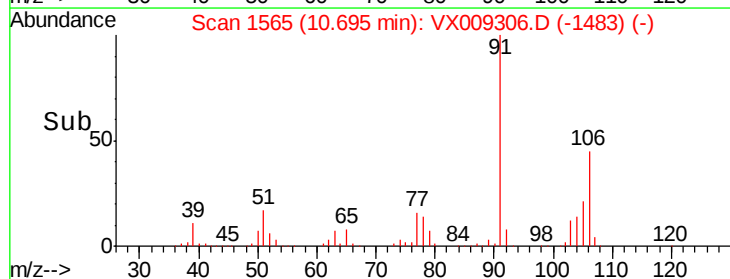
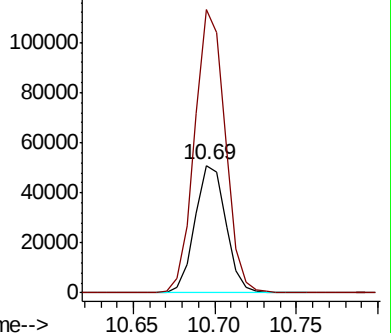
106 100

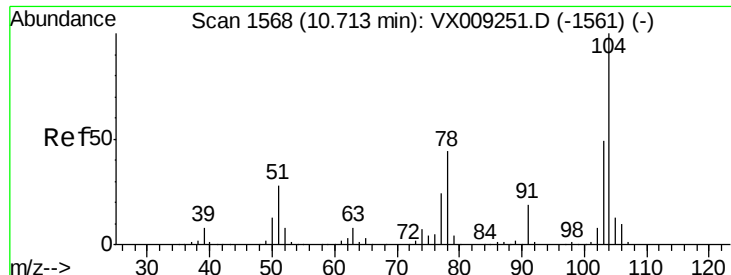
91 218.3 110.8 332.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

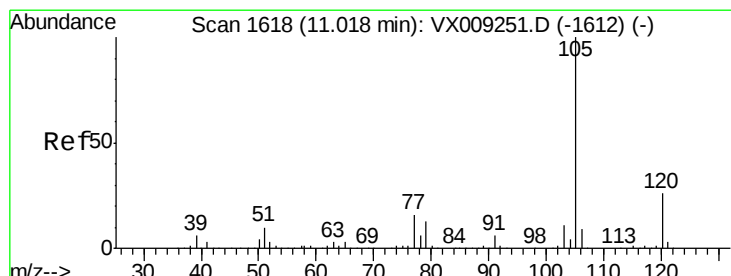
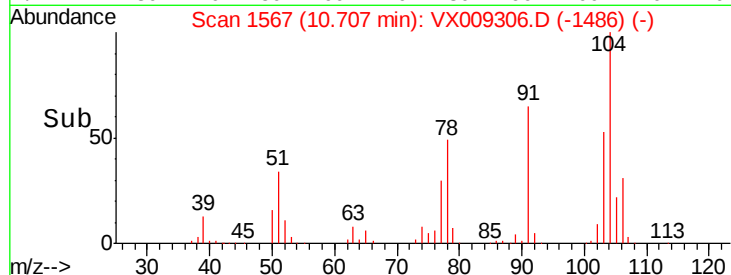
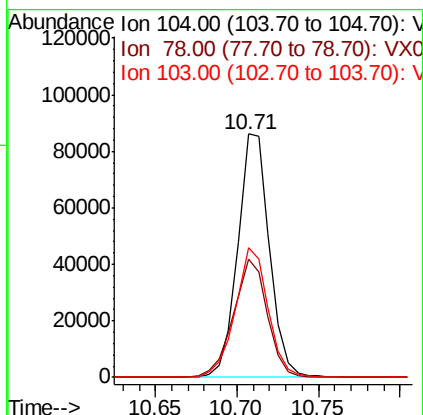
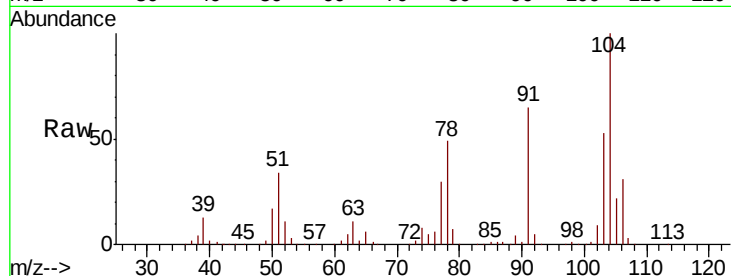




#69
Stvrene
Concen: 20.219 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX009306.D
Acq: 03 May 2019 12:43

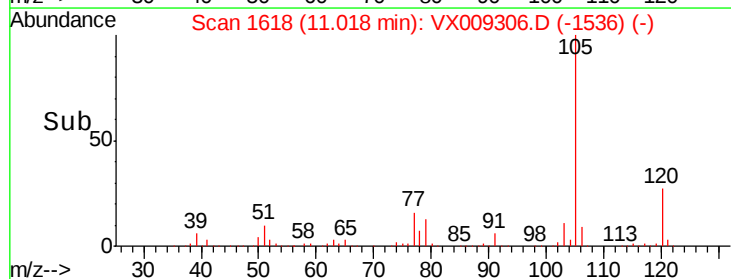
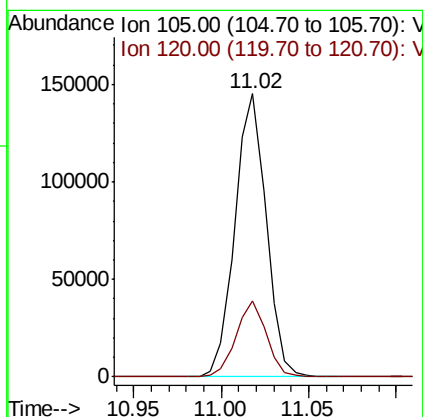
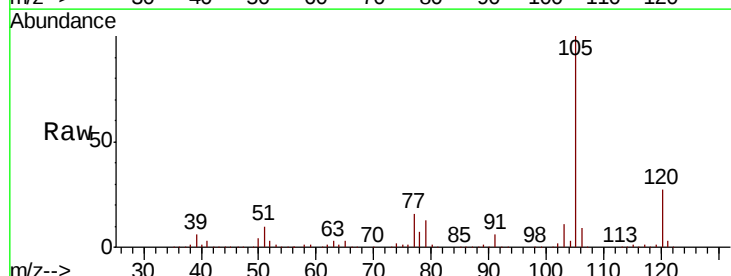
Instrument :
MSVOA_X
ClientSampleId :
VX0503WBSD01

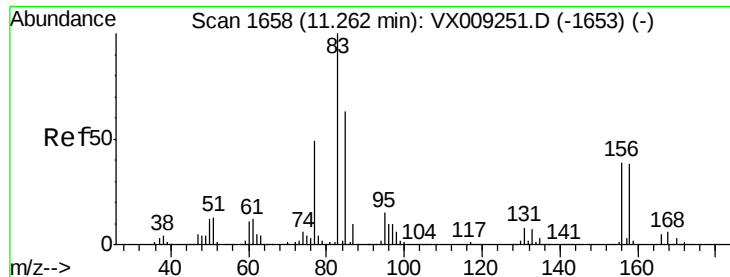
Tot Ion:104 Resp: 116698
Ion Ratio Lower Upper
104 100
78 52.0 41.1 61.7
103 55.2 43.8 65.8



#70
Isopropylbenzene
Concen: 20.372 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX009306.D
Acq: 03 May 2019 12:43

Tgt Ion:105 Resp: 180129
Ion Ratio Lower Upper
105 100
120 26.0 18.1 33.7

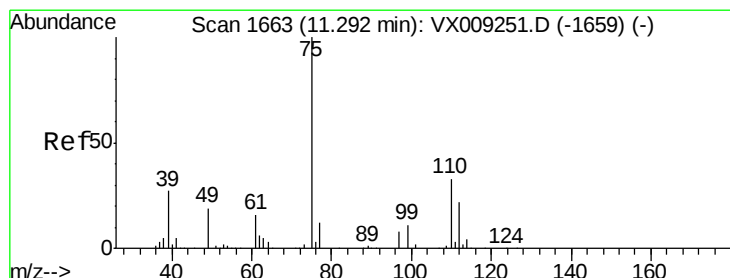
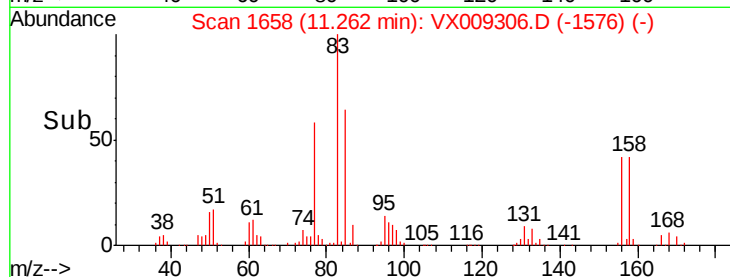
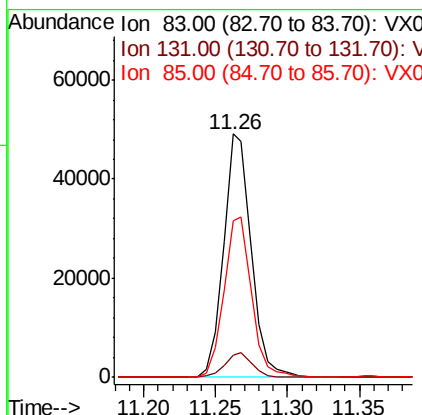
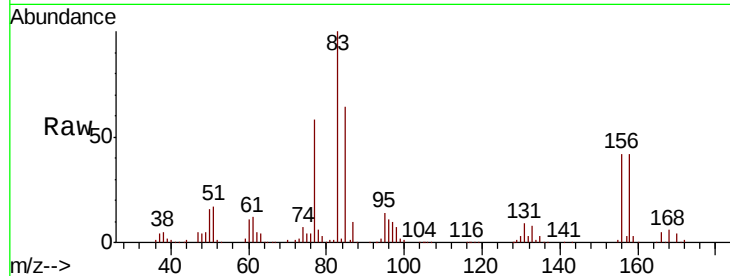




#71
 1,1,2,2-Tetrachloroethane
 Concen: 20.565 ug/l
 RT: 11.26 min Scan# 1658
 Delta R.T. 0.00 min
 Lab File: VX009306.D
 Acq: 03 May 2019 12:43

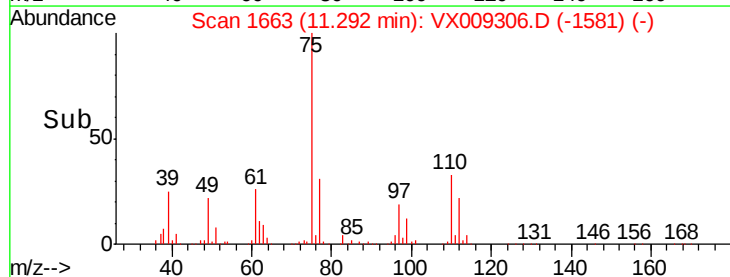
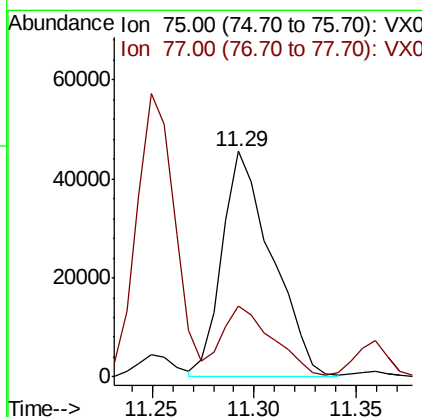
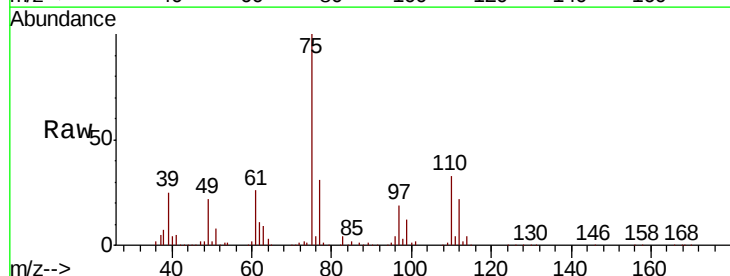
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0503WBSD01

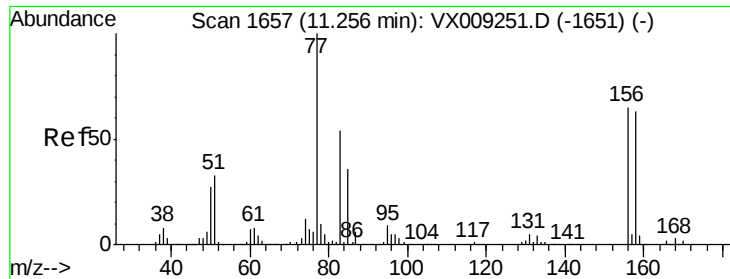
Tot Ion: 83 Resp: 66596
 Ion Ratio Lower Upper
 83 100
 131 9.8 4.7 14.0
 85 66.0 32.4 97.2



#72
 1,2,3-Trichloropropane
 Concen: 27.741 ug/l
 RT: 11.29 min Scan# 1663
 Delta R.T. 0.00 min
 Lab File: VX009306.D
 Acq: 03 May 2019 12:43

Tgt Ion: 75 Resp: 77413
 Ion Ratio Lower Upper
 75 100
 77 31.8 0.0 86.4

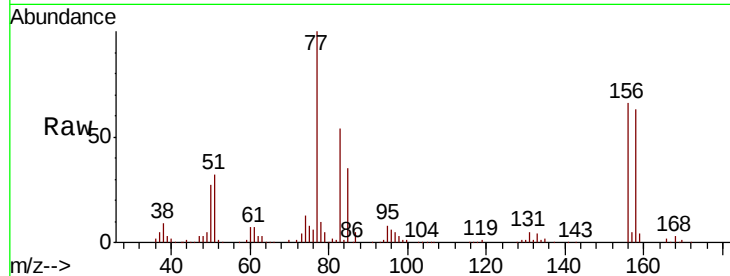




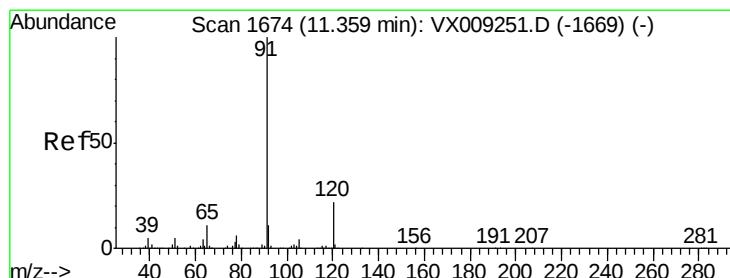
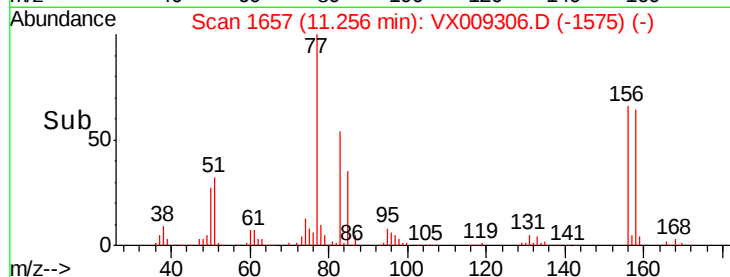
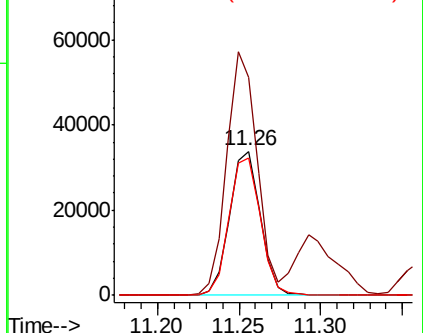
#73
Bromobenzene
Concen: 20.250 ug/l
RT: 11.26 min Scan# 1657
Delta R.T. 0.00 min
Lab File: VX009306.D
Acq: 03 May 2019 12:43

Instrument :
MSVOA_X
ClientSampleId :
VX0503WBSD01

Tot Ion:156 Resp: 44239
Ion Ratio Lower Upper
156 100
77 166.9 0.0 335.6
158 98.3 0.0 191.2

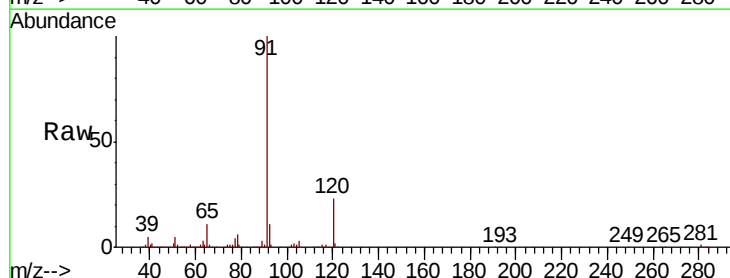


Abundance Ion 156.00 (155.70 to 156.70): V
Ion 77.00 (76.70 to 77.70): VX0
Ion 158.00 (157.70 to 158.70): V

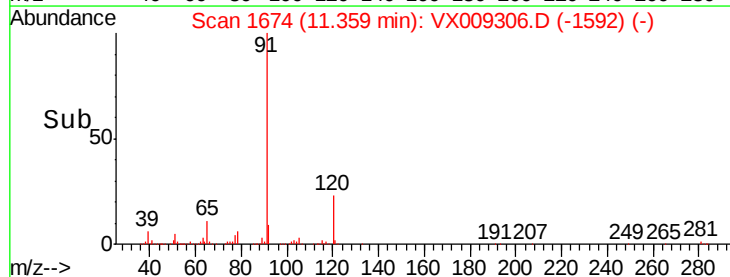
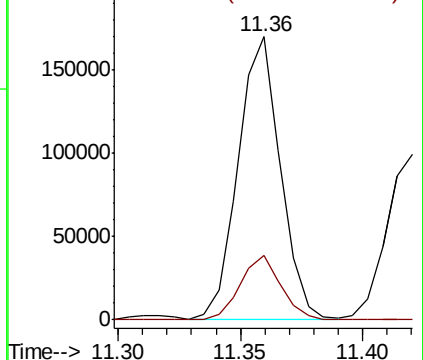


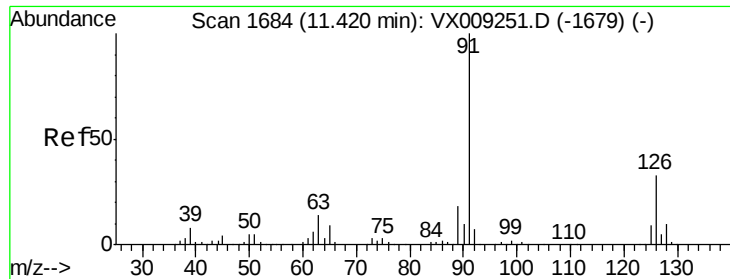
#74
n-propylbenzene
Concen: 19.964 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. 0.00 min
Lab File: VX009306.D
Acq: 03 May 2019 12:43

Tgt Ion: 91 Resp: 204565
Ion Ratio Lower Upper
91 100
120 21.9 0.0 43.4



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 20.470 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX009306.D

Acq: 03 May 2019 12:43

Instrument :

MSVOA_X

ClientSampleId :

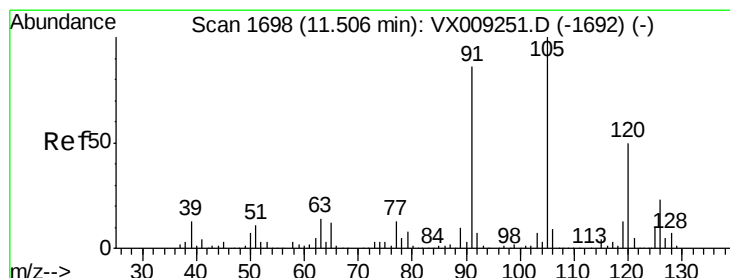
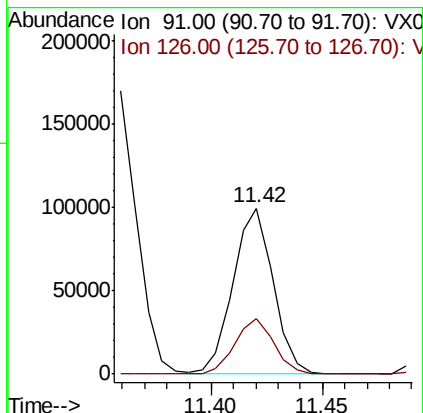
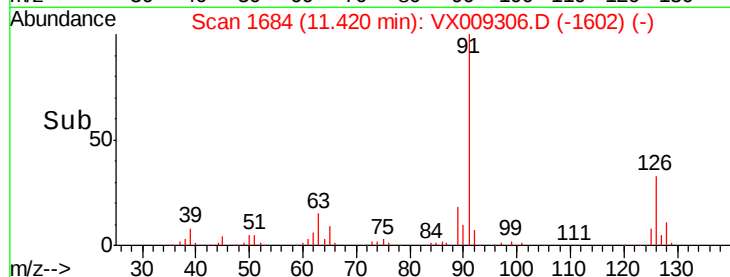
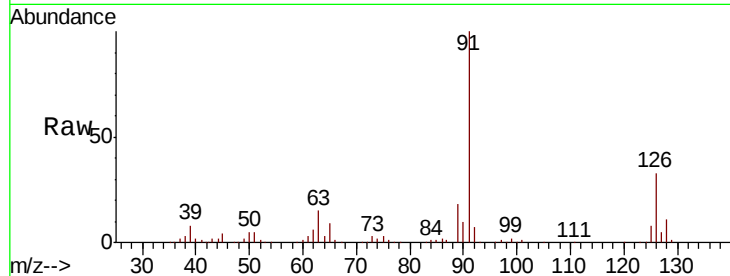
VX0503WBSD01

Tot Ion: 91 Resp: 125805

Ion Ratio Lower Upper

91 100

126 32.6 0.0 64.0



#76

1,3,5-Trimethylbenzene

Concen: 20.291 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX009306.D

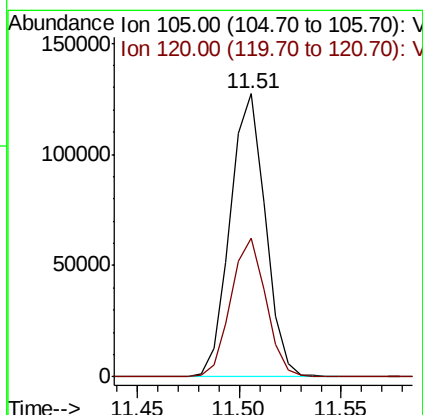
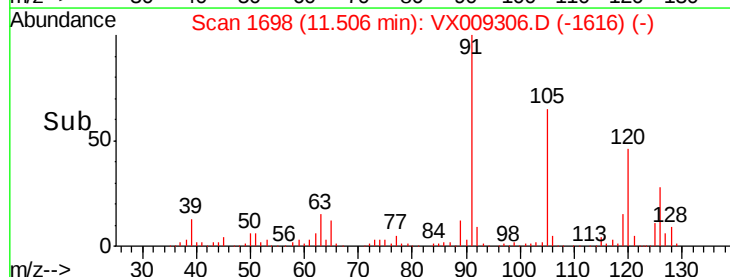
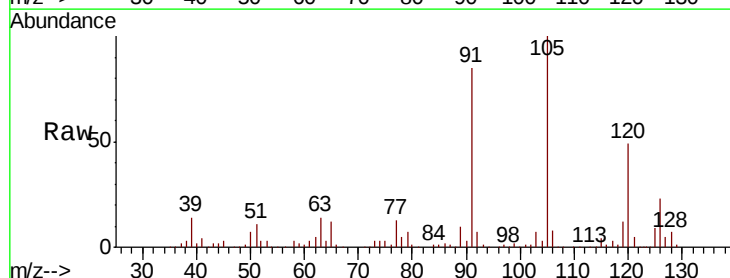
Acq: 03 May 2019 12:43

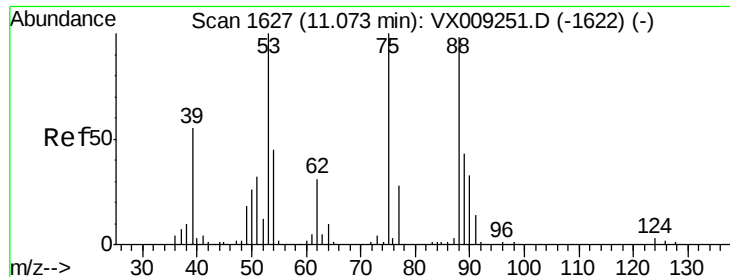
Tgt Ion: 105 Resp: 151982

Ion Ratio Lower Upper

105 100

120 48.6 0.0 97.4





#77

t-1,4-Dichloro-2-butene

Concen: 18.246 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX009306.D

Acq: 03 May 2019 12:43

Instrument :

MSVOA_X

ClientSampleId :

VX0503WBSD01

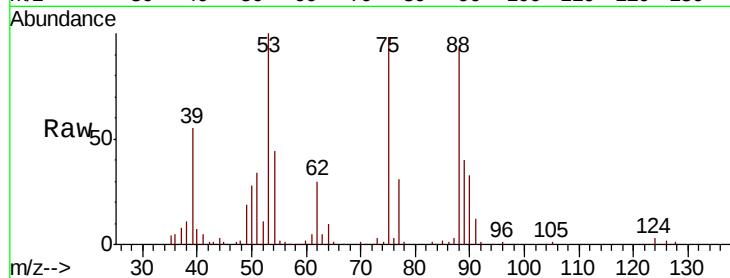
Tot Ion: 75 Resp: 20539

Ion Ratio Lower Upper

75 100

53 101.9 50.0 149.8

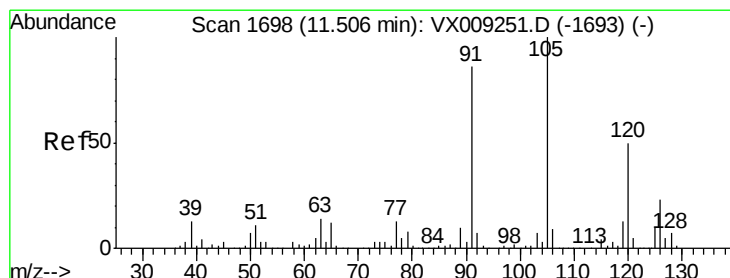
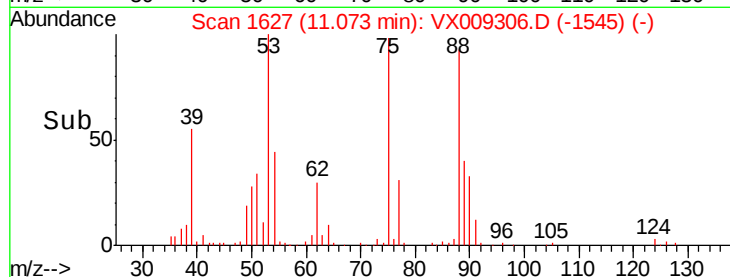
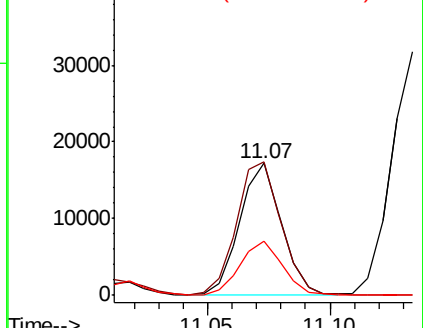
89 41.3 21.6 65.0



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 89.00 (88.70 to 89.70): VX0



#78

4-Chlorotoluene

Concen: 20.190 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX009306.D

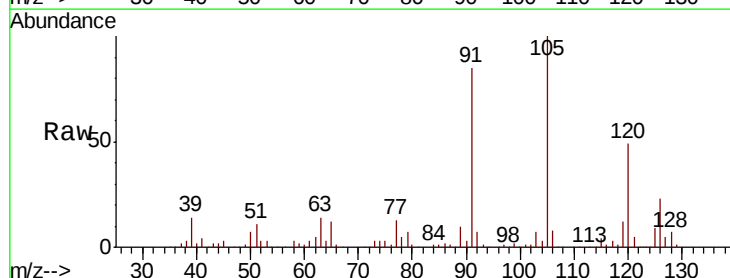
Acq: 03 May 2019 12:43

Tgt Ion: 91 Resp: 140933

Ion Ratio Lower Upper

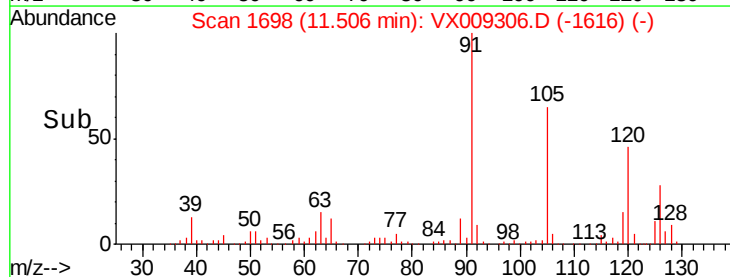
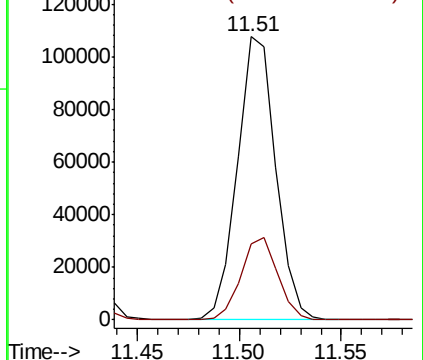
91 100

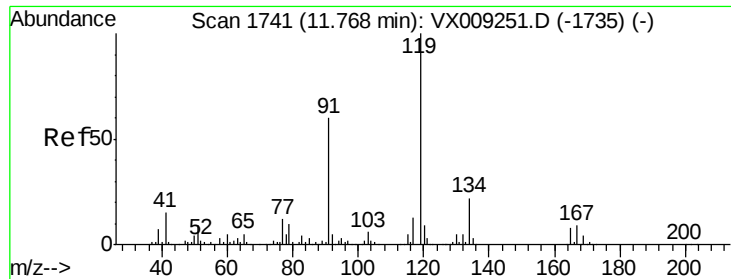
126 28.2 0.0 57.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V

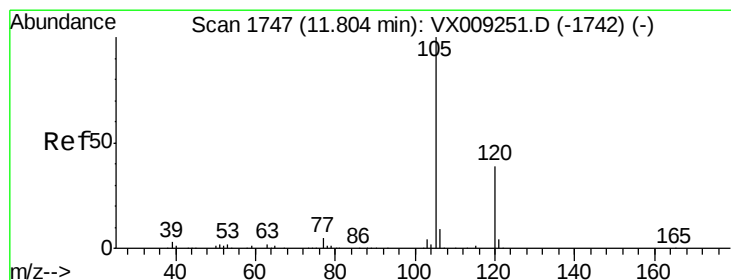
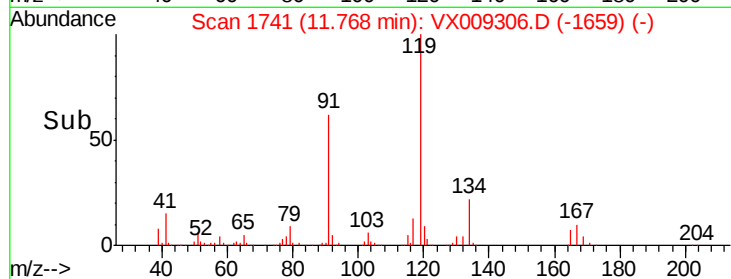
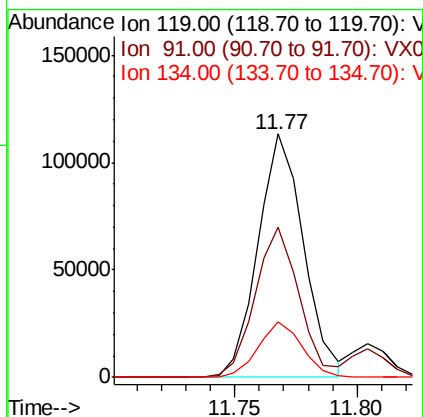
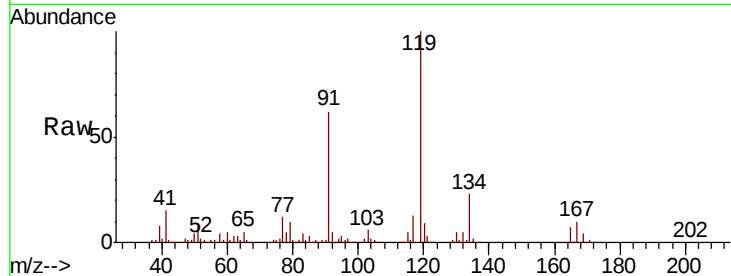




#79
tert-butylbenzene
Concen: 20.250 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX009306.D
Acq: 03 May 2019 12:43

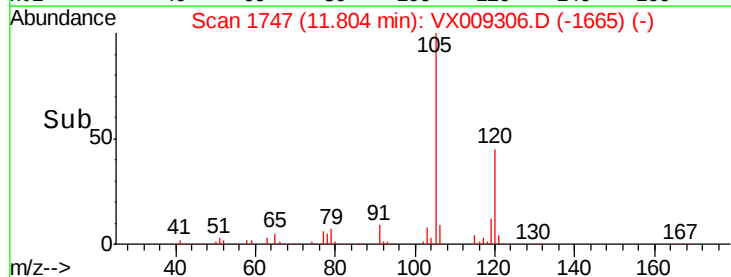
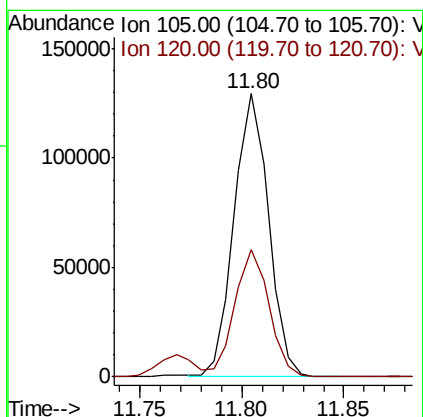
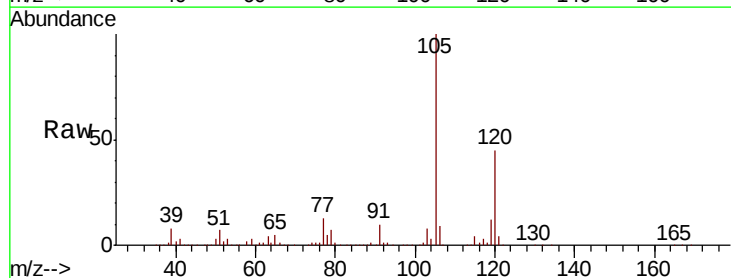
Instrument :
MSVOA_X
ClientSampleId :
VX0503WBSD01

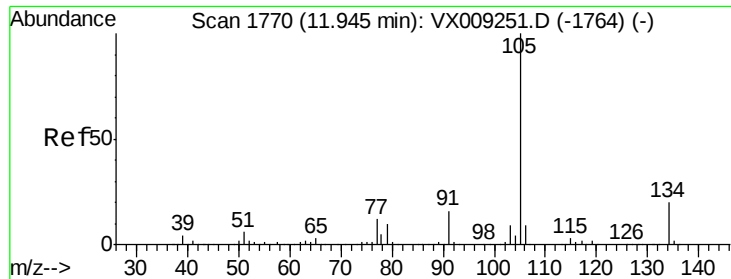
Tot Ion:119 Resp: 146624
Ion Ratio Lower Upper
119 100
91 59.9 0.0 118.2
134 21.9 0.0 45.0



#80
1,2,4-Trimethylbenzene
Concen: 20.199 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX009306.D
Acq: 03 May 2019 12:43

Tgt Ion:105 Resp: 151635
Ion Ratio Lower Upper
105 100
120 45.1 0.0 89.6





#81

sec-Butylbenzene

Concen: 20.045 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX009306.D

Acq: 03 May 2019 12:43

Instrument :

MSVOA_X

ClientSampleId :

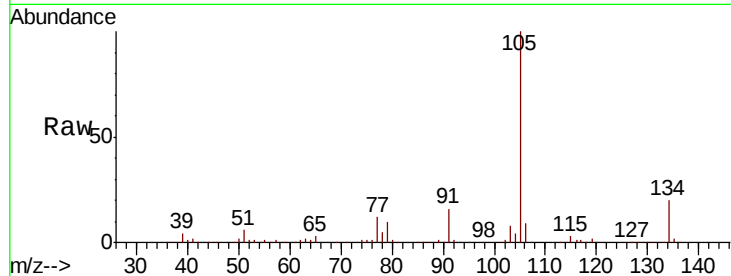
VX0503WBSD01

Tot Ion:105 Resp: 172438

Ion Ratio Lower Upper

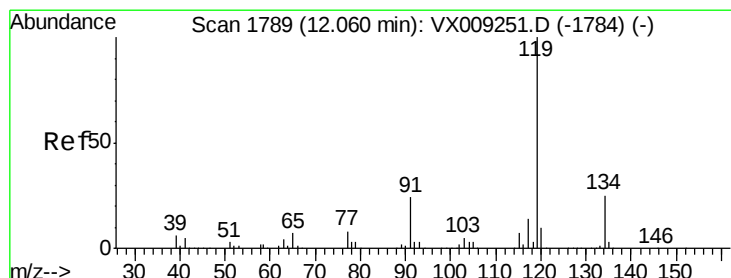
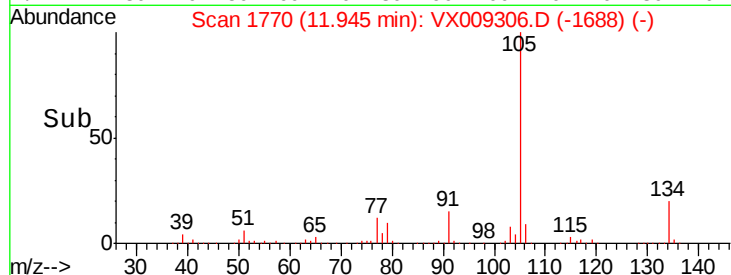
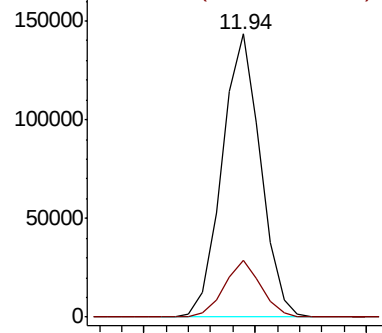
105 100 0.0 38.6

134 19.3 0.0 38.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#82

p-Isopropyltoluene

Concen: 19.816 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX009306.D

Acq: 03 May 2019 12:43

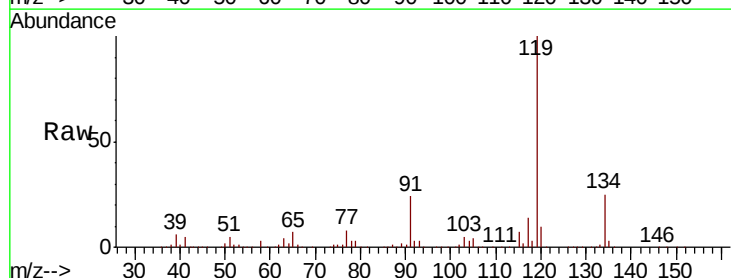
Tgt Ion:119 Resp: 155065

Ion Ratio Lower Upper

119 100 0.0 50.8

134 25.3 0.0 50.8

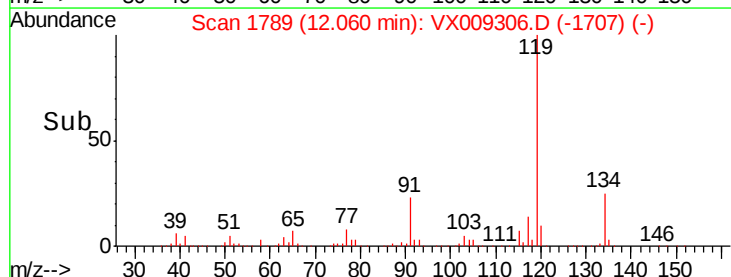
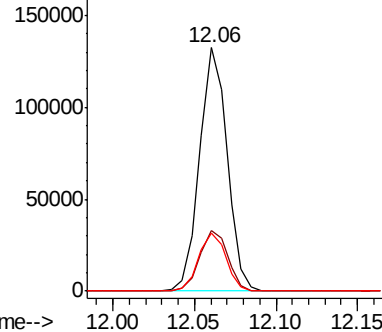
91 23.8 0.0 47.2

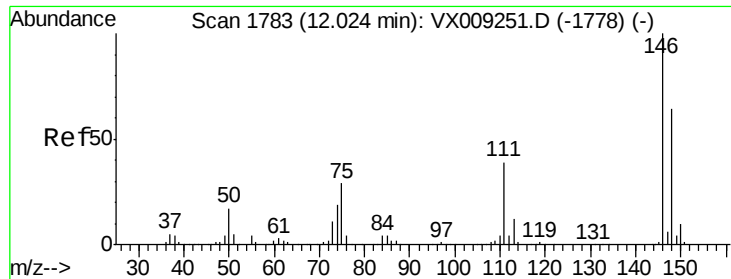


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

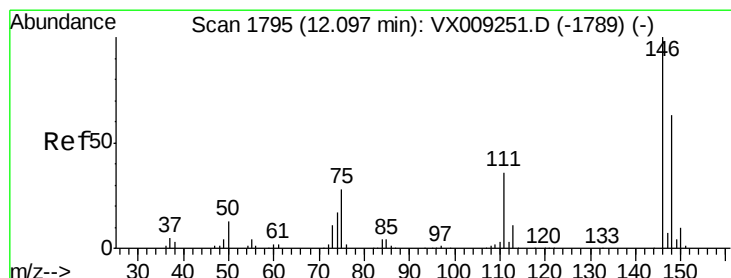
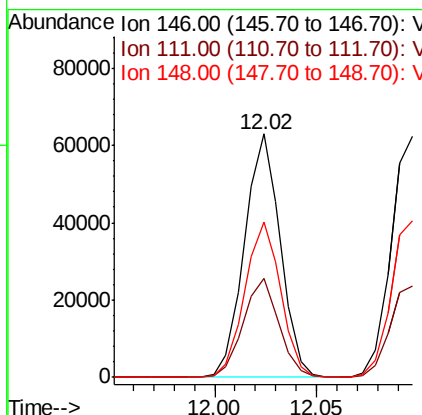
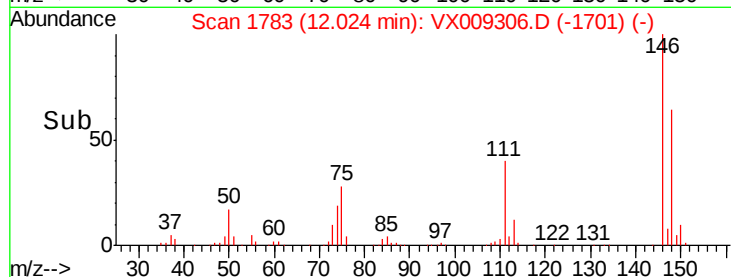
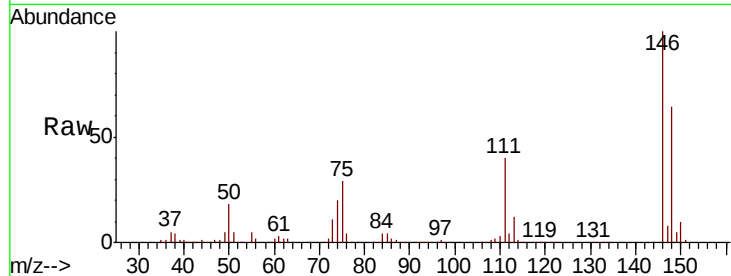




#83
 1,3-Dichlorobenzene
 Concen: 19.718 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX009306.D
 Acq: 03 May 2019 12:43

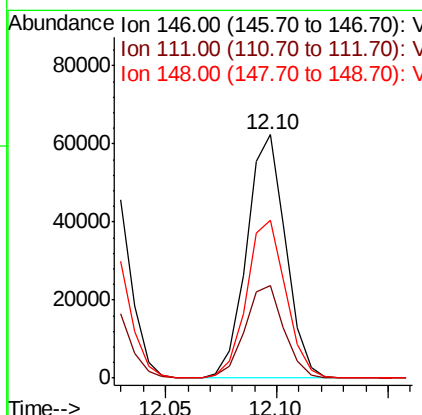
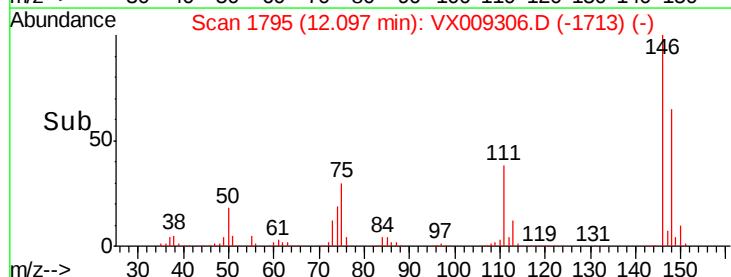
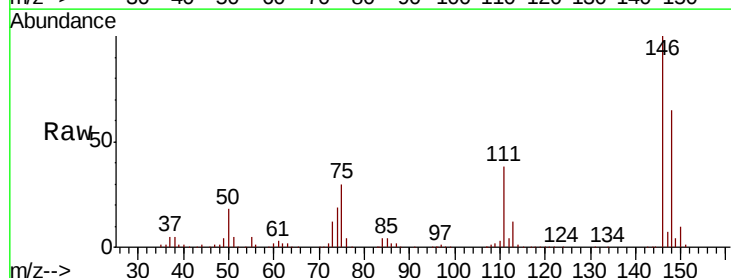
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0503WBSD01

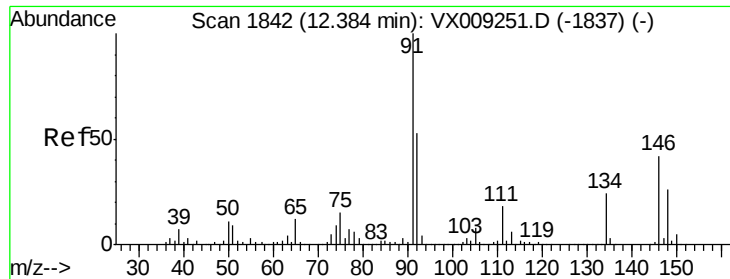
Tot Ion:146 Resp: 76930
 Ion Ratio Lower Upper
 146 100
 111 40.4 20.0 60.0
 148 63.5 32.2 96.6



#84
 1,4-Dichlorobenzene
 Concen: 19.642 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX009306.D
 Acq: 03 May 2019 12:43

Tgt Ion:146 Resp: 76349
 Ion Ratio Lower Upper
 146 100
 111 38.2 19.6 58.7
 148 65.0 32.3 96.8





#85

n-Butylbenzene

Concen: 19.047 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. 0.00 min

Lab File: VX009306.D

Acq: 03 May 2019 12:43

Instrument :

MSVOA_X

ClientSampleId :

VX0503WBSD01

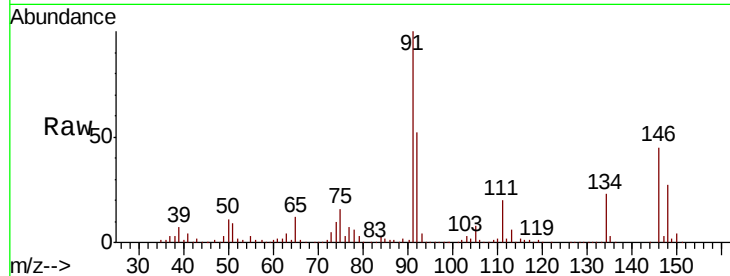
Tot Ion: 91 Resp: 136384

Ion Ratio Lower Upper

91 100

92 53.0 0.0 106.6

134 24.6 0.0 50.0



Abundance Ion 91.00 (90.70 to 91.70): VX009251.D (-1837) (-)

Ion 92.00 (91.70 to 92.70): VX009251.D (-1837) (-)

Ion 134.00 (133.70 to 134.70): VX009251.D (-1837) (-)

12.38

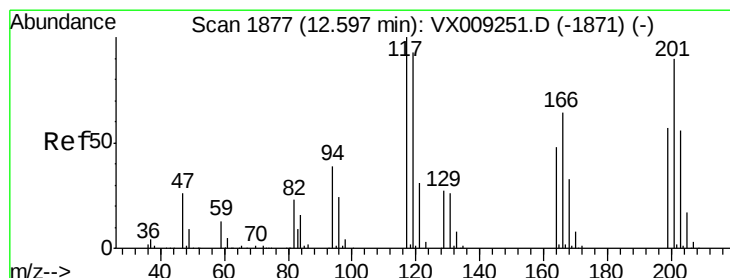
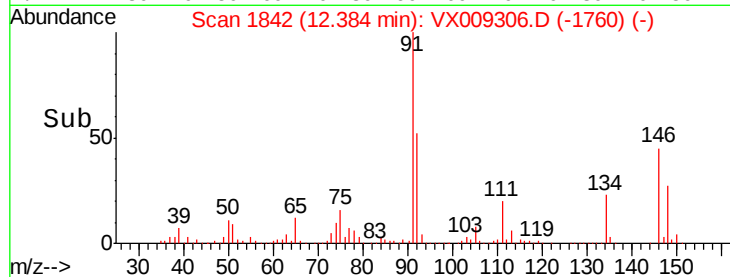
100000

50000

0

12.35 12.40

Time-->



#86

Hexachloroethane

Concen: 18.975 ug/l

RT: 12.59 min Scan# 1876

Delta R.T. -0.01 min

Lab File: VX009306.D

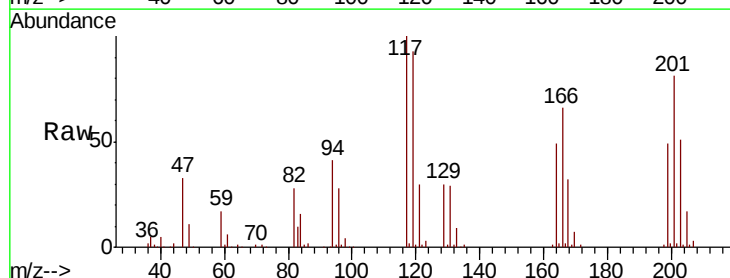
Acq: 03 May 2019 12:43

Tgt Ion: 117 Resp: 25267

Ion Ratio Lower Upper

117 100

201 88.3 41.8 125.4



Abundance Ion 117.00 (116.70 to 117.70): VX009251.D (-1871) (-)

Ion 201.00 (200.70 to 201.70): VX009251.D (-1871) (-)

20000

15000

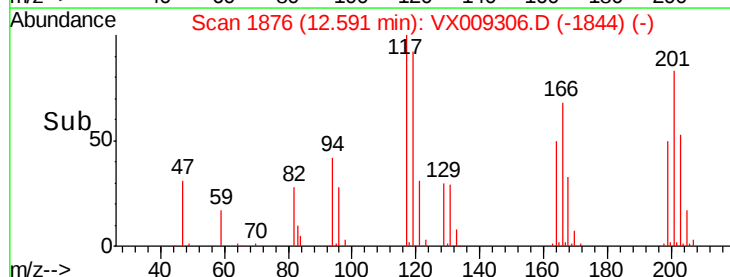
10000

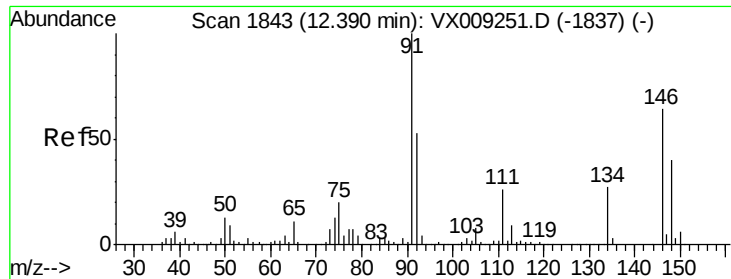
5000

0

12.55 12.60

Time-->

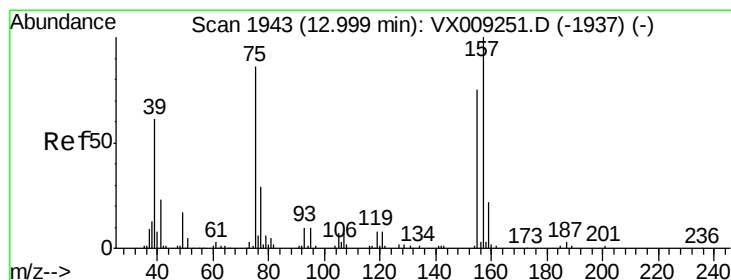
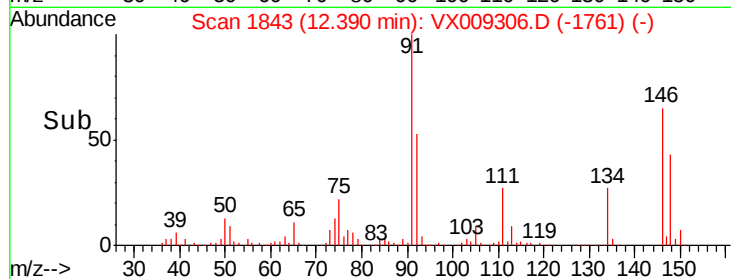
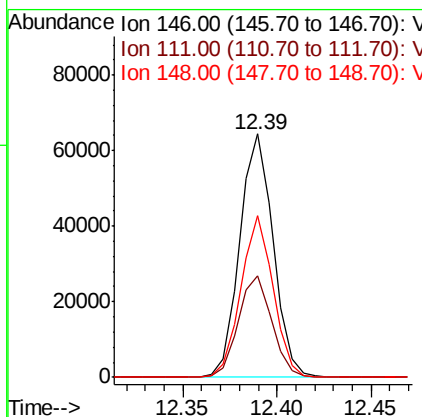
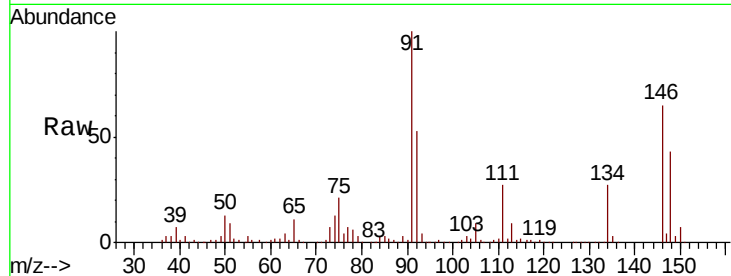




#87
 1,2-Dichlorobenzene
 Concen: 20.158 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX009306.D
 Acq: 03 May 2019 12:43

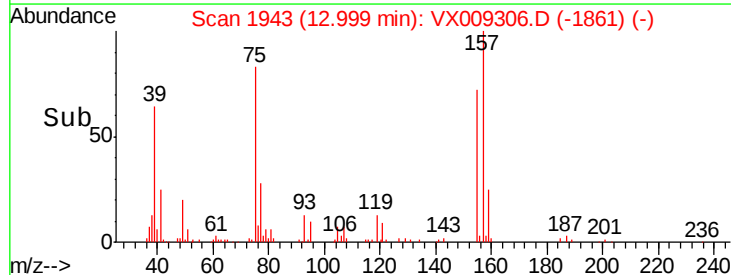
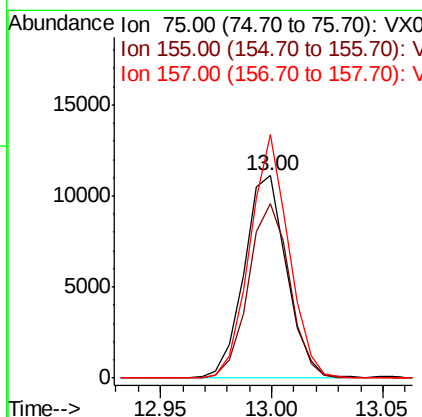
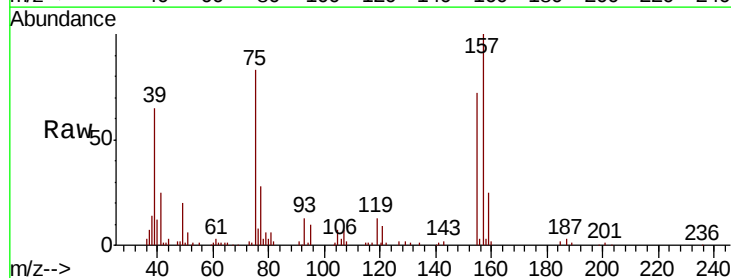
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0503WBSD01

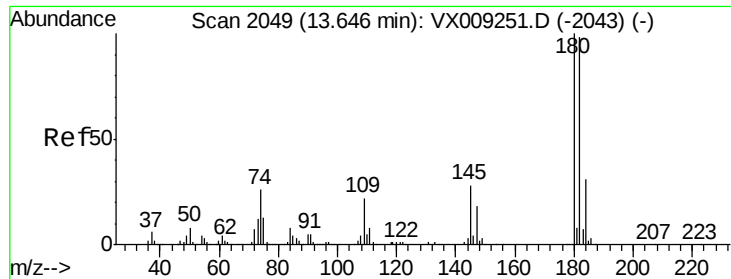
Tot Ion:146 Resp: 79167
 Ion Ratio Lower Upper
 146 100
 111 41.8 20.8 62.2
 148 64.1 31.4 94.3



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 19.734 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX009306.D
 Acq: 03 May 2019 12:43

Tgt Ion: 75 Resp: 14850
 Ion Ratio Lower Upper
 75 100
 155 83.0 65.9 98.9
 157 109.5 85.2 127.8

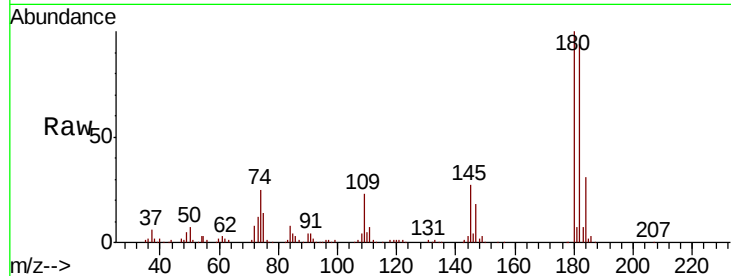




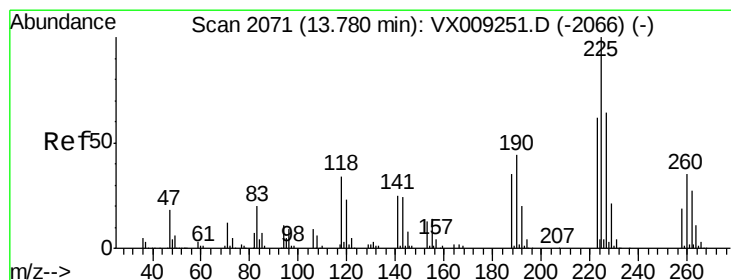
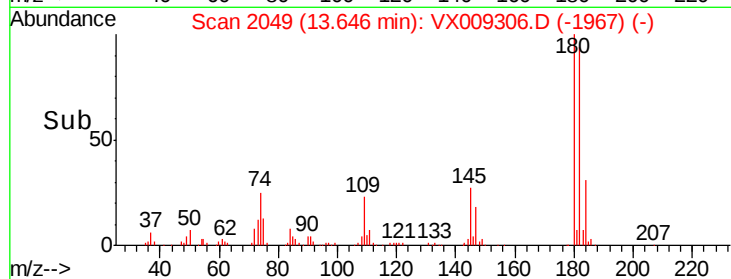
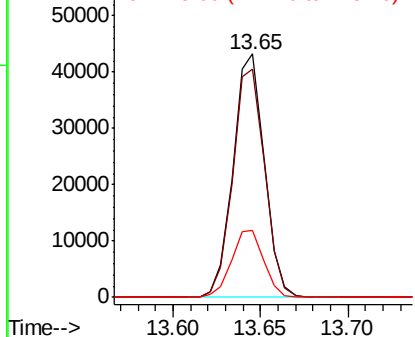
#89
 1,2,4-Trichlorobenzene
 Concen: 19.219 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX009306.D
 Acq: 03 May 2019 12:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0503WBSD01

Tot Ion:180 Resp: 53798
 Ion Ratio Lower Upper
 180 100
 182 95.9 76.9 115.3
 145 28.3 23.0 34.6

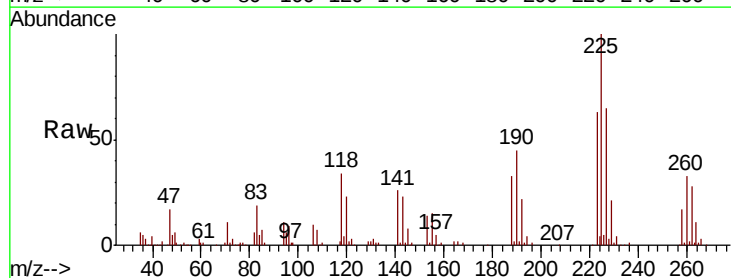


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

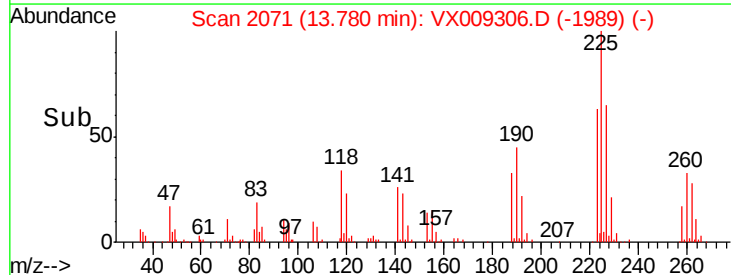
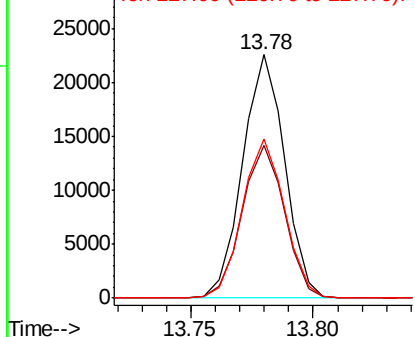


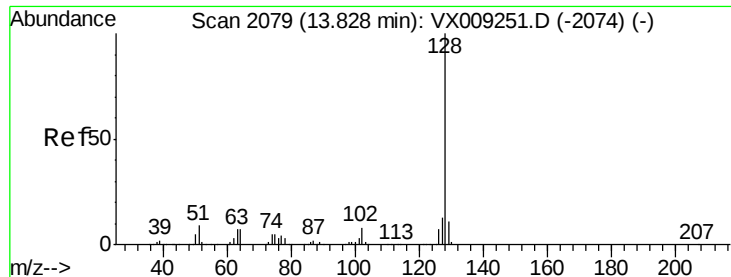
#90
 Hexachlorobutadiene
 Concen: 19.301 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX009306.D
 Acq: 03 May 2019 12:43

Tgt Ion:225 Resp: 26988
 Ion Ratio Lower Upper
 225 100
 223 63.4 0.0 126.6
 227 65.3 0.0 130.0



Abundance Ion 225.00 (224.70 to 225.70): V
 Ion 223.00 (222.70 to 223.70): V
 Ion 227.00 (226.70 to 227.70): V





#91

Naphthalene

Concen: 20.500 ug/l

RT: 13.83 min Scan# 2079

Delta R.T. 0.00 min

Lab File: VX009306.D

Acq: 03 May 2019 12:43

Instrument :

MSVOA_X

ClientSampleId :

VX0503WBSD01

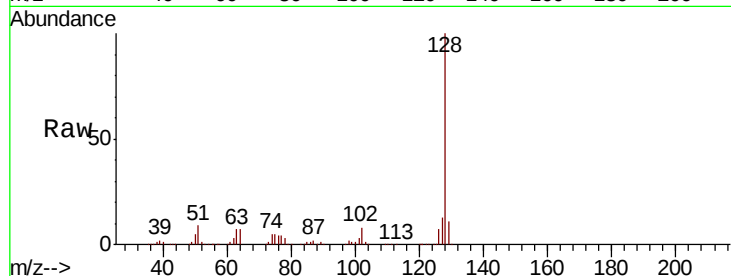
Tot Ion:128 Resp: 187887

Ion Ratio Lower Upper

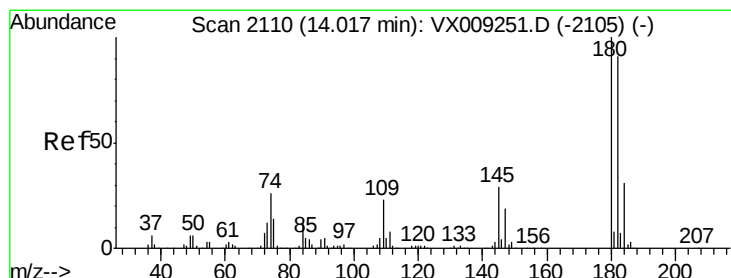
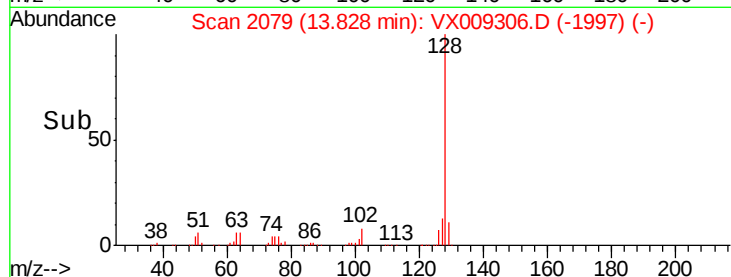
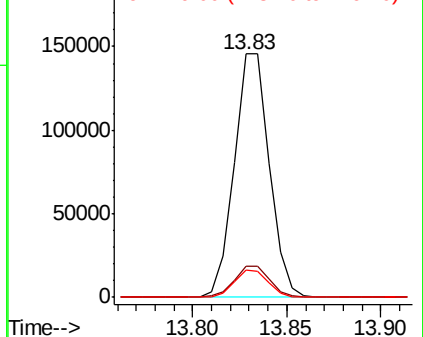
128 100

127 13.0 10.5 15.7

129 11.0 8.7 13.1



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



#92

1,2,3-Trichlorobenzene

Concen: 20.228 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX009306.D

Acq: 03 May 2019 12:43

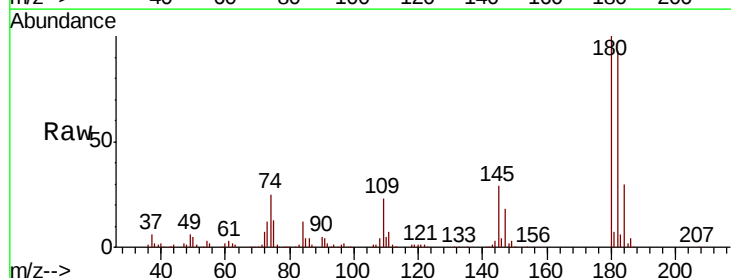
Tgt Ion:180 Resp: 57560

Ion Ratio Lower Upper

180 100

182 96.4 0.0 189.0

145 30.2 0.0 61.6



Abundance Ion 180.00 (179.70 to 180.70): V
Ion 182.00 (181.70 to 182.70): V
Ion 145.00 (144.70 to 145.70): V

